

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046541.D
 Acq On : 4 Sep 2020 15:16
 Operator : CG/JU
 Sample : L3894-09MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Quant Time: Sep 04 16:56:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67197	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	278267	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	201690	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	503312	20.00	ng	0.00
76) Chrysene-d12	21.56	240	483080	20.00	ng	0.00
86) Perylene-d12	24.65	264	491373	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	320893	84.58	ng	0.00
7) Phenol-d6	7.10	99	425253	79.07	ng	0.00
23) Nitrobenzene-d5	9.08	82	273667	56.21	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	216896	79.37	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	735424	55.66	ng	0.00
79) Terphenyl-d14	19.92	244	1255741	55.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	61781	39.142	ng	98
3) Pyridine	3.81	79	187399	40.579	ng	97
4) n-Nitrosodimethylamine	3.72	42	89432	52.506	ng	100
6) Aniline	7.25	93	307416	50.795	ng	99
8) 2-Chlorophenol	7.50	128	226399	56.461	ng	99
9) Benzaldehyde	7.07	77	142864	47.412	ng	95
10) Phenol	7.13	94	285335	57.601	ng	97
11) bis(2-Chloroethyl)ether	7.35	93	208815	52.443	ng	99
12) 1,3-Dichlorobenzene	7.82	146	250038	49.115	ng	99
13) 1,4-Dichlorobenzene	7.97	146	251476	49.341	ng	99
14) 1,2-Dichlorobenzene	8.28	146	244695	50.071	ng	99
15) Benzyl Alcohol	8.17	79	199426	57.755	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	314646	50.945	ng	99
17) 2-Methylphenol	8.38	107	199973	56.922	ng	99
18) Hexachloroethane	9.01	117	85174	49.288	ng	98
19) n-Nitroso-di-n-propylamine	8.74	70	172964	53.765	ng	98
20) 3+4-Methylphenols	8.71	107	278518	57.438	ng	99
22) Acetophenone	8.75	105	323718	47.791	ng	99
24) Nitrobenzene	9.13	77	245580	51.057	ng	99
25) Isophorone	9.65	82	479838	53.757	ng	99
26) 2-Nitrophenol	9.84	139	138069	54.406	ng	96
27) 2,4-Dimethylphenol	9.90	122	223496	64.032	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	287324	50.011	ng	100
29) 2,4-Dichlorophenol	10.38	162	255907	54.998	ng	97
30) 1,2,4-Trichlorobenzene	10.59	180	262880	47.616	ng	100
31) Naphthalene	10.77	128	678123	49.911	ng	99
32) Benzoic acid	10.07	122	135355	50.889	ng	96
33) 4-Chloroaniline	10.88	127	230762	38.517	ng	99
34) Hexachlorobutadiene	11.07	225	165260	46.112	ng	98
35) Caprolactam	11.67	113	63566	36.547	ng	98
36) 4-Chloro-3-methylphenol	12.02	107	265452	58.329	ng	96
37) 2-Methylnaphthalene	12.38	142	548224	51.162	ng	99
38) 1-Methylnaphthalene	12.60	142	515255	50.764	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	323000	48.564	ng	99

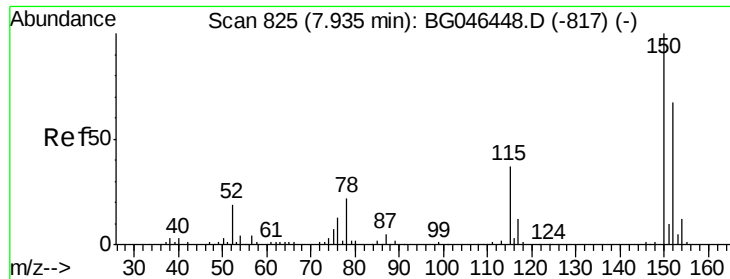
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046541.D
 Acq On : 4 Sep 2020 15:16
 Operator : CG/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	382049	132.105	ng	98
43) 2,4,6-Trichlorophenol	12.99	196	239190	53.292	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	262382	55.640	ng	98
46) 1,1'-Biphenyl	13.39	154	719147	51.249	ng	99
47) 2-Chloronaphthalene	13.44	162	568575	47.789	ng	99
48) 2-Nitroaniline	13.64	65	173094	52.394	ng	99
49) Acenaphthylene	14.28	152	926451	51.334	ng	100
50) Dimethylphthalate	14.02	163	880655	56.439	ng	99
51) 2,6-Dinitrotoluene	14.13	165	187566	54.531	ng	97
52) Acenaphthene	14.63	154	559738	50.049	ng	99
53) 3-Nitroaniline	14.46	138	155147	41.641	ng	99
54) 2,4-Dinitrophenol	14.68	184	255054	127.036	ng	97
55) Dibenzofuran	14.96	168	914449	50.949	ng	98
56) 4-Nitrophenol	14.79	139	317199	115.680	ng	95
57) 2,4-Dinitrotoluene	14.92	165	269428	54.935	ng	97
58) Fluorene	15.61	166	781316	51.867	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	253844	55.433	ng	98
60) Diethylphthalate	15.38	149	802572	52.754	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	420781	50.719	ng	96
62) 4-Nitroaniline	15.63	138	196107	49.884	ng	97
63) Azobenzene	15.90	77	665508	53.777	ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	184393	64.727	ng	95
66) n-Nitrosodiphenylamine	15.82	169	722339	53.198	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	302977	51.597	ng	98
68) Hexachlorobenzene	16.62	284	318108	48.915	ng	98
69) Atrazine	16.77	200	235481	42.511	ng	98
70) Pentachlorophenol	16.96	266	392409	115.490	ng	98
71) Phenanthrene	17.35	178	1282043	50.254	ng	98
72) Anthracene	17.44	178	1312727	52.154	ng	98
73) Carbazole	17.71	167	1211277	50.969	ng	99
74) Di-n-butylphthalate	18.27	149	1357616	49.680	ng	98
75) Fluoranthene	19.36	202	1583357	48.228	ng	99
77) Benzidine	19.53	184	1060808	94.502	ng	97
78) Pyrene	19.72	202	1569878	51.033	ng	98
80) Butylbenzylphthalate	20.61	149	620913	51.747	ng	97
81) Benzo(a)anthracene	21.53	228	1525754	50.672	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	440861	39.454	ng	98
83) Chrysene	21.60	228	1472764	50.849	ng	99
84) Bis(2-ethylhexyl)phthalate	21.46	149	868983	53.069	ng	99
85) Di-n-octyl phthalate	22.62	149	1493351	53.262	ng	99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1902882	53.919	ng	100
88) Benzo(b)fluoranthene	23.75	252	1521624	49.593	ng	98
89) Benzo(k)fluoranthene	23.75	252	1521624	51.315	ng	99
90) Benzo(a)pyrene	24.52	252	1481617	51.745	ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1544715	54.240	ng	98
92) Benzo(g,h,i)perylene	29.27	276	1592390	55.993	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

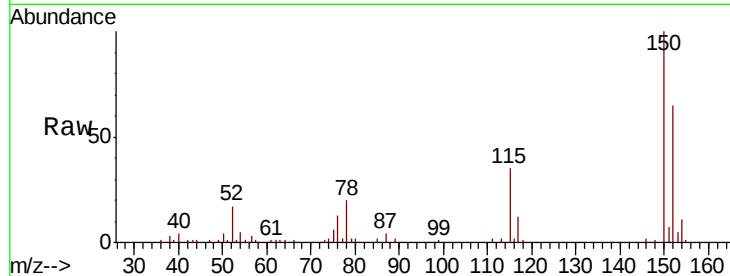


#1

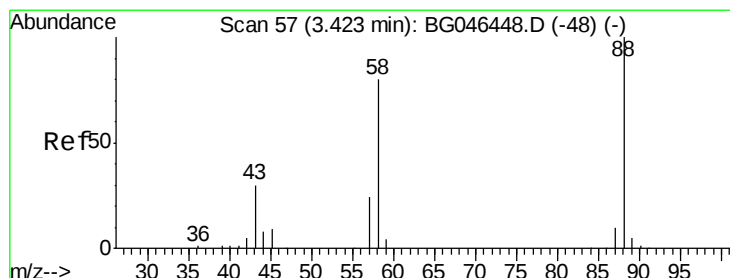
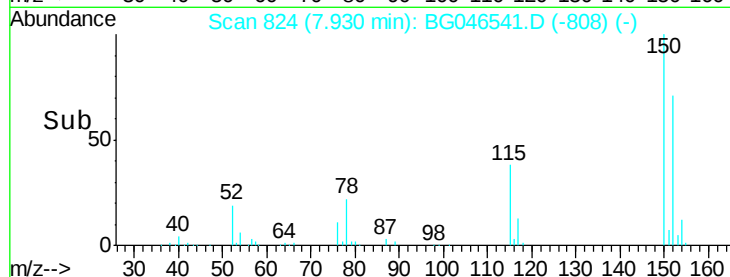
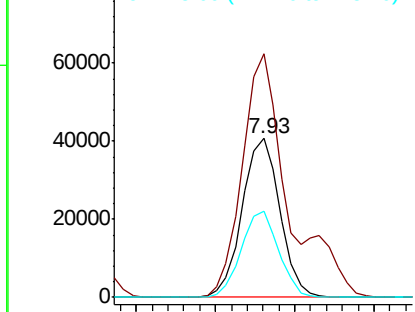
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Tot Ion:152 Resp: 67197
 Ion Ratio Lower Upper
 152 100
 150 153.0 119.5 179.3
 115 53.9 44.3 66.5



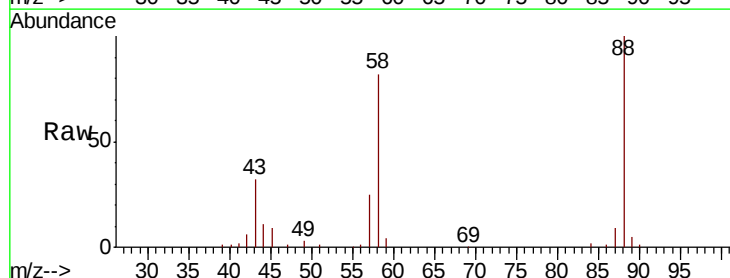
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



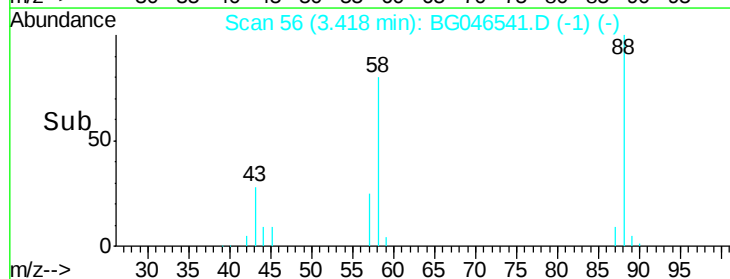
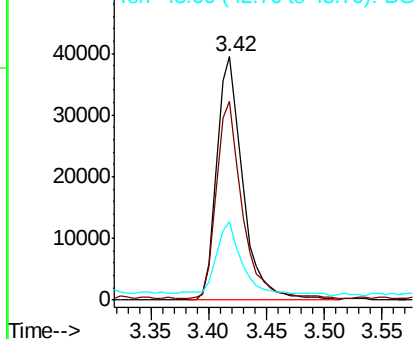
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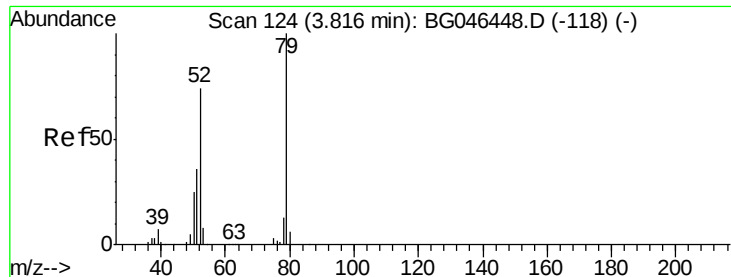
1,4-Dioxane
 Concen: 39.142 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion: 88 Resp: 61781
 Ion Ratio Lower Upper
 88 100
 58 78.9 61.4 92.2
 43 27.7 21.6 32.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.579 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

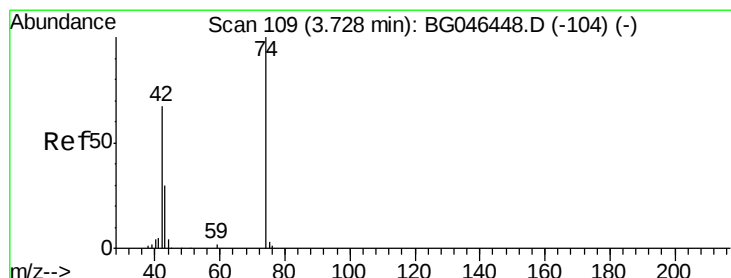
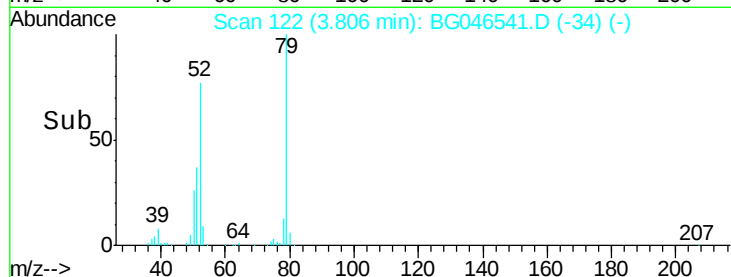
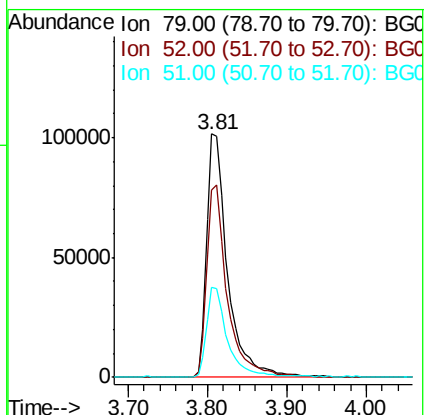
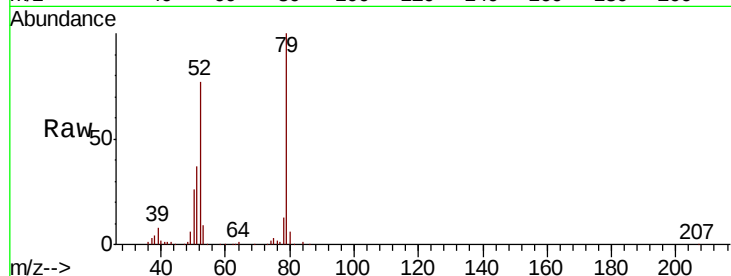
Tot Ion: 79 Resp: 187399

Ion Ratio Lower Upper

79 100

52 76.7 59.1 88.7

51 37.0 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 52.506 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

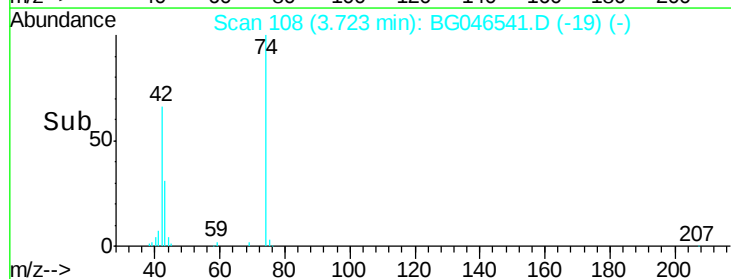
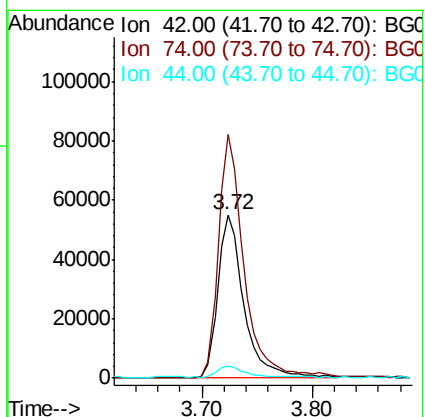
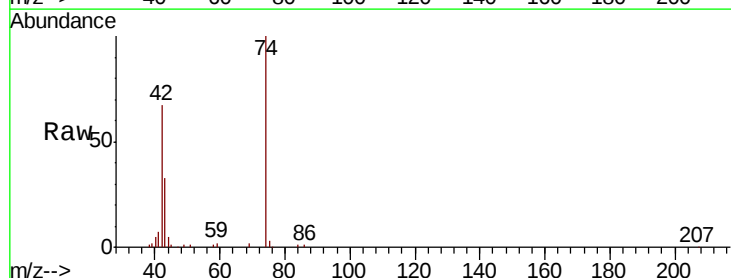
Tgt Ion: 42 Resp: 89432

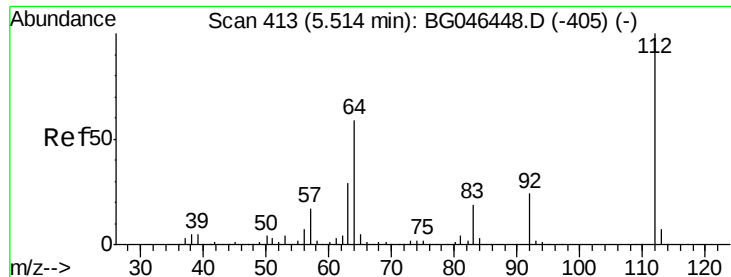
Ion Ratio Lower Upper

42 100

74 149.4 119.5 179.3

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 84.581 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

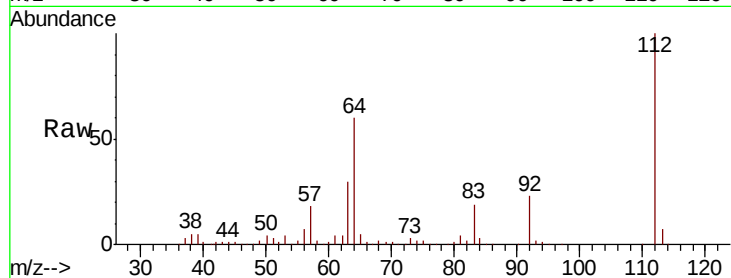
Tot Ion: 112 Resp: 320893

Ion Ratio Lower Upper

112 100

64 60.2 47.0 70.6

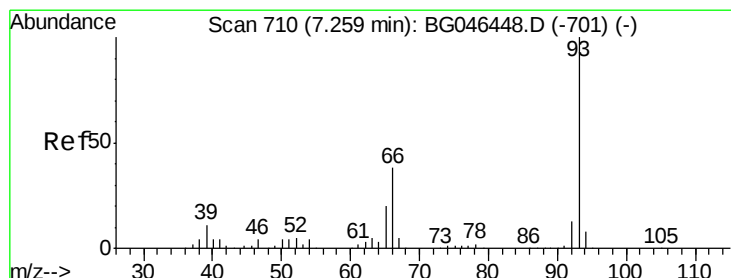
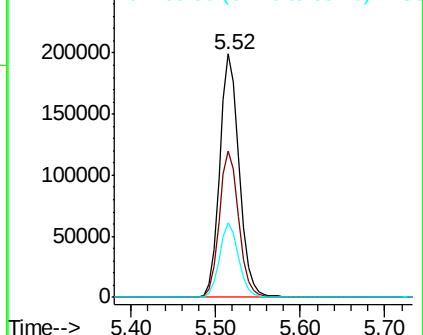
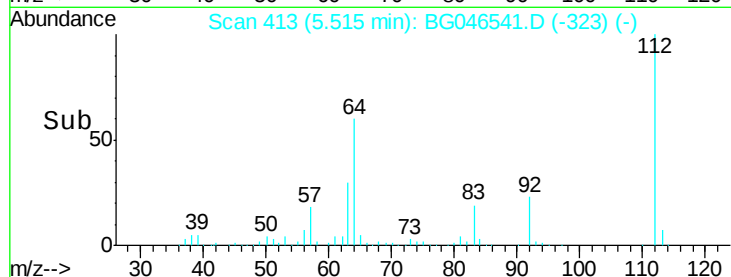
63 30.4 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 50.795 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

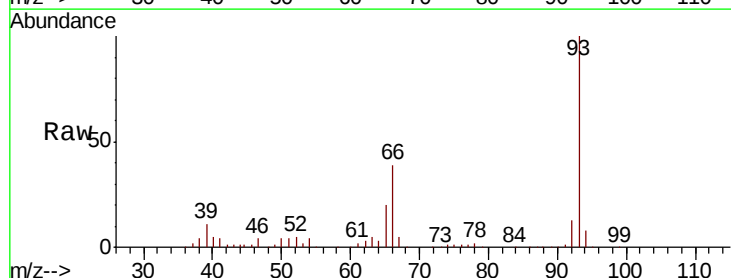
Tgt Ion: 93 Resp: 307416

Ion Ratio Lower Upper

93 100

66 38.9 30.4 45.6

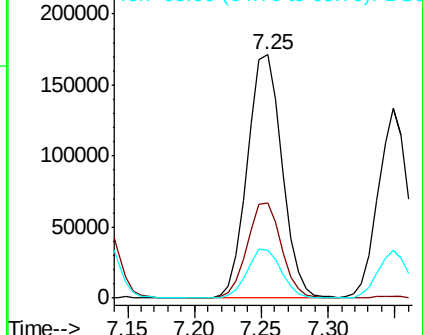
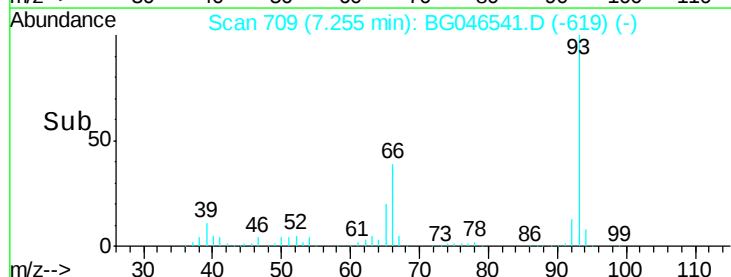
65 19.8 15.8 23.6

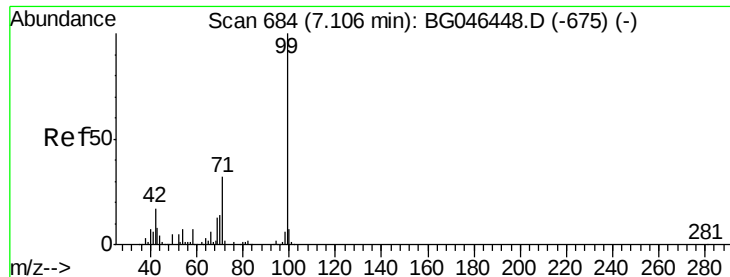


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.069 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

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ClientSampleId :

AL-FALAH-5MS

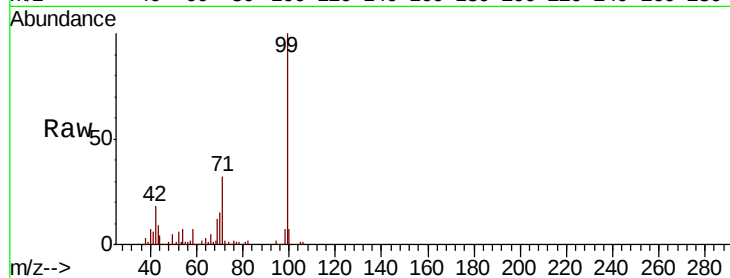
Tot Ion: 99 Resp: 425253

Ion Ratio Lower Upper

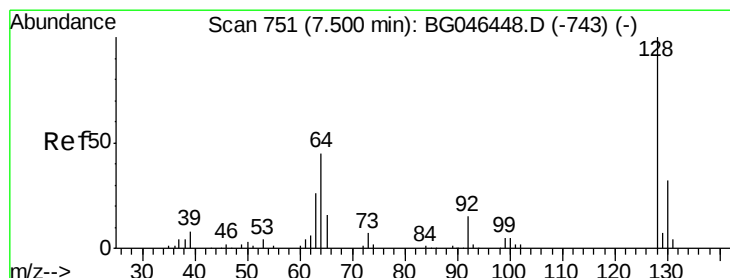
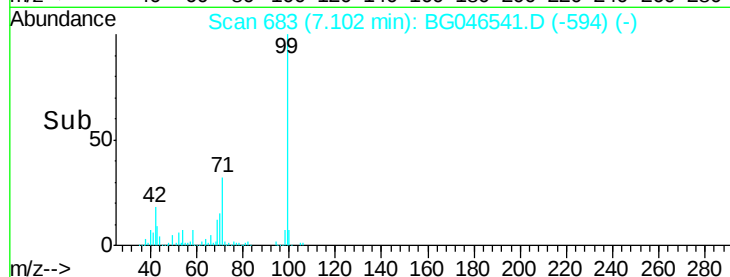
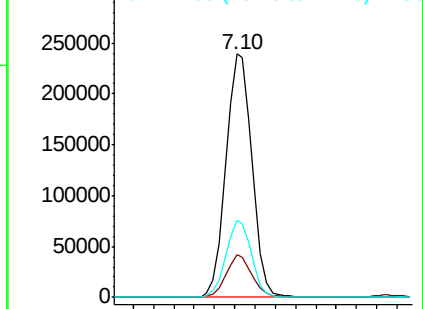
99 100

42 17.5 13.3 19.9

71 31.8 25.3 37.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 56.461 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

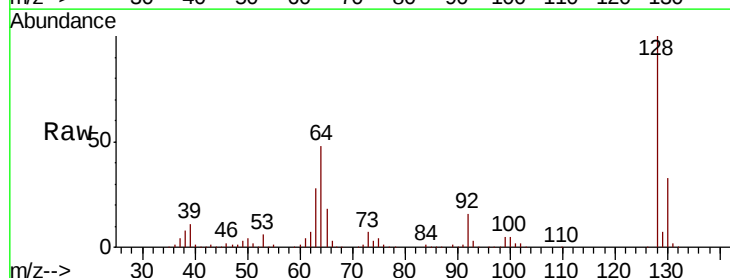
Tgt Ion: 128 Resp: 226399

Ion Ratio Lower Upper

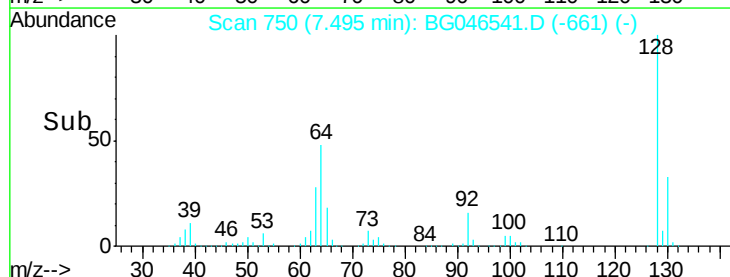
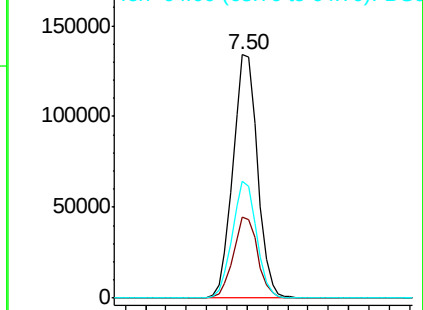
128 100

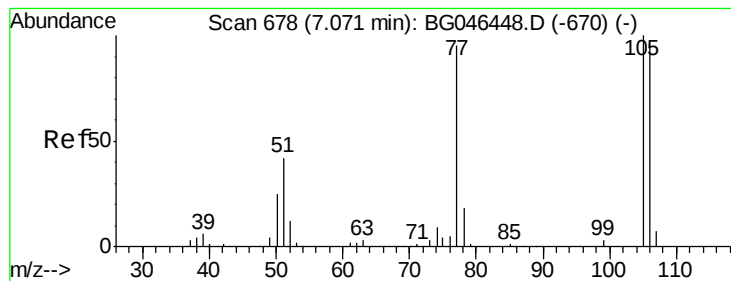
130 33.0 12.4 52.4

64 48.2 28.1 68.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 47.412 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

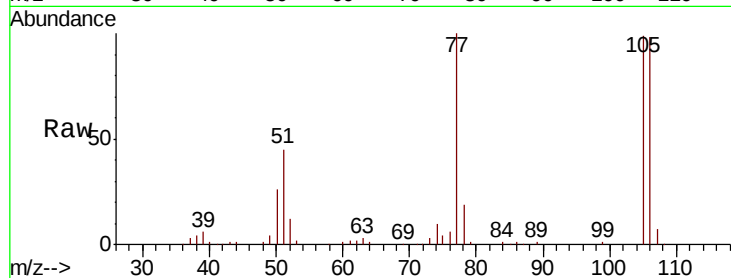
Tot Ion: 77 Resp: 142864

Ion Ratio Lower Upper

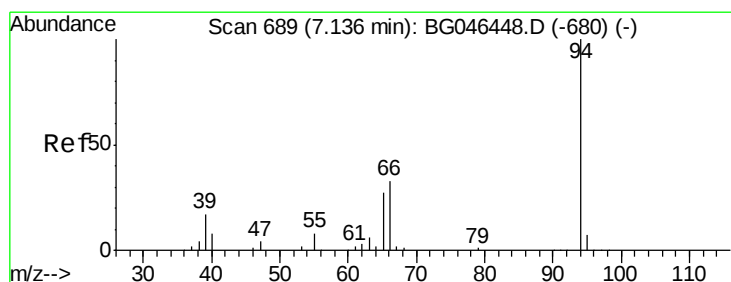
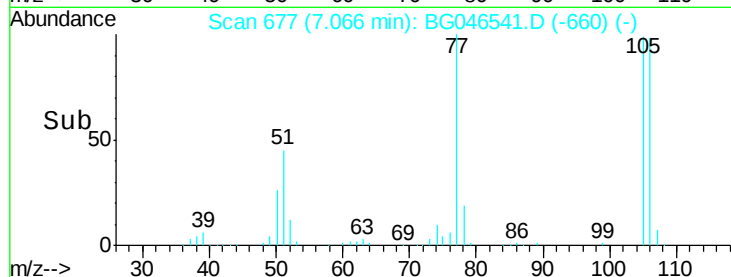
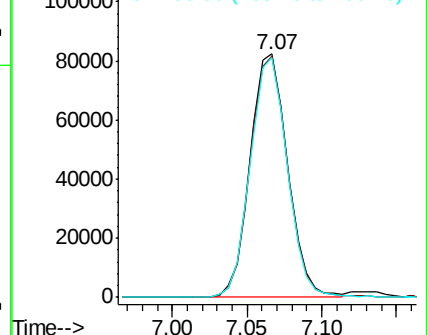
77 100

105 98.9 85.6 125.6

106 98.2 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 57.601 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

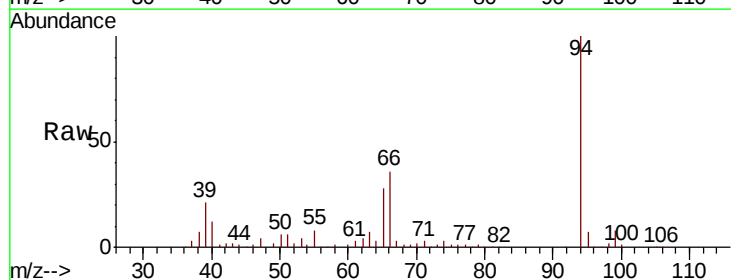
Tgt Ion: 94 Resp: 285335

Ion Ratio Lower Upper

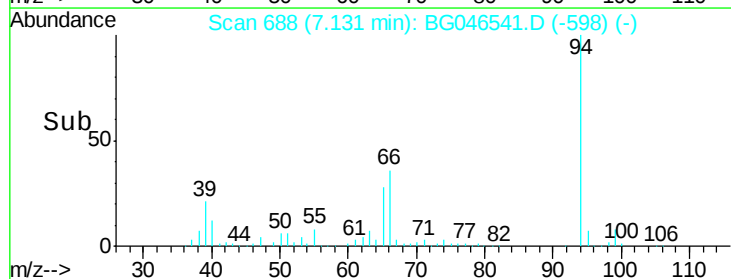
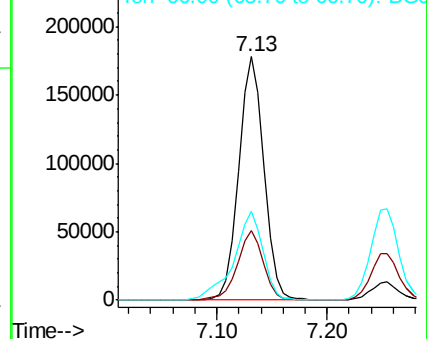
94 100

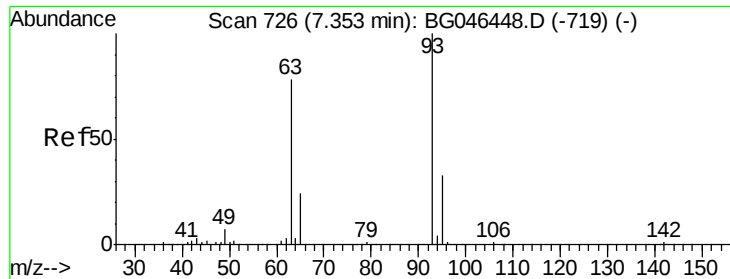
65 28.4 7.5 47.5

66 36.4 14.1 54.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

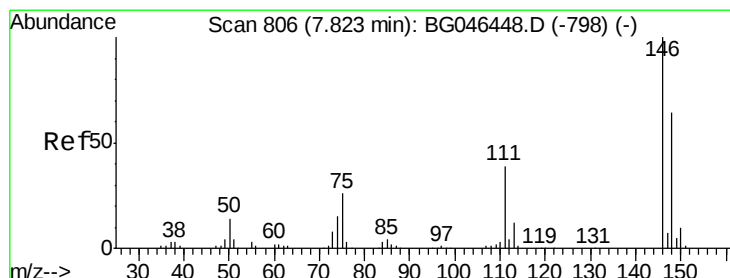
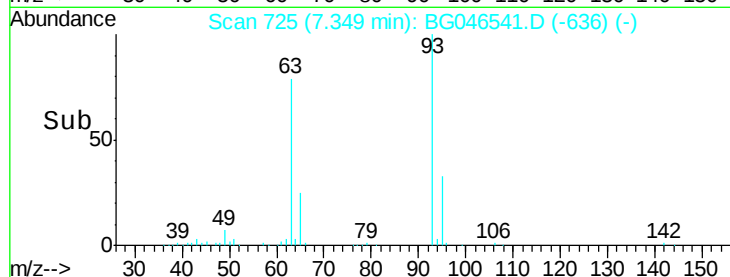
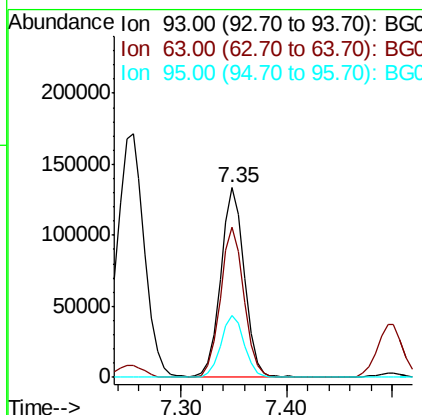
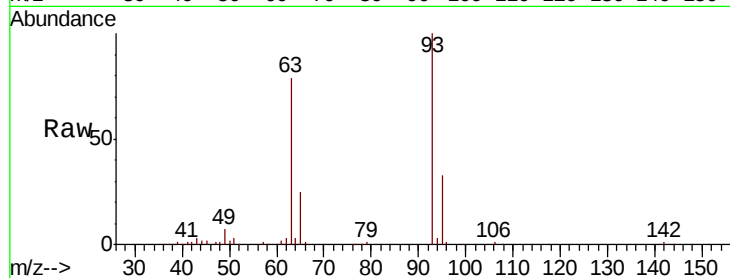




#11
bis(2-Chloroethyl)ether
Concen: 52.443 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

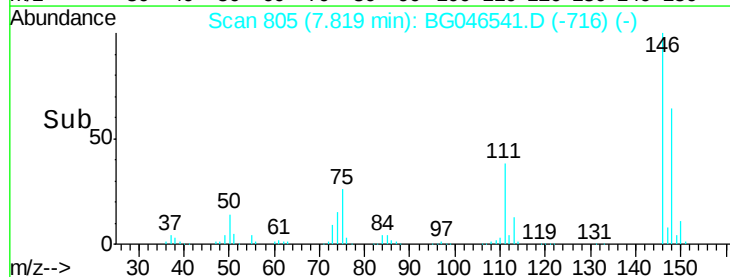
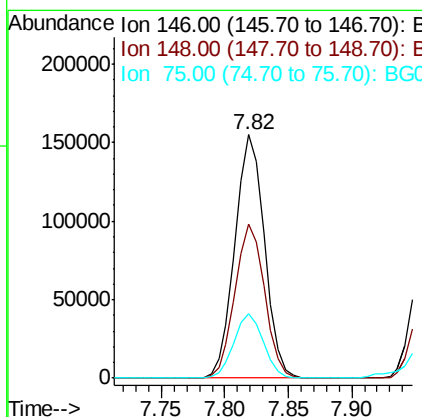
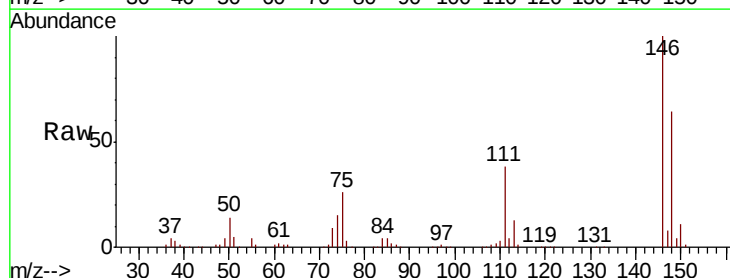
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

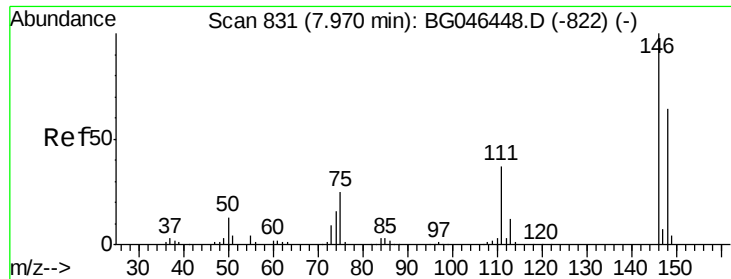
Tot Ion: 93 Resp: 208815
Ion Ratio Lower Upper
93 100
63 79.0 57.7 97.7
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 49.115 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion: 146 Resp: 250038
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 26.2 20.7 31.1

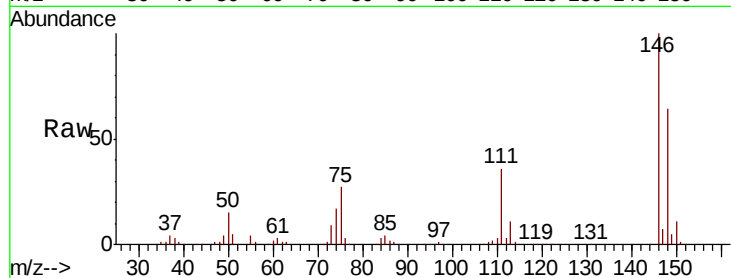




#13
 1,4-Dichlorobenzene
 Concen: 49.341 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
111	36.1	29.8	44.6

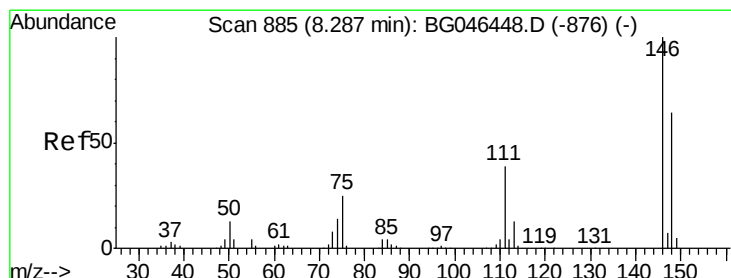
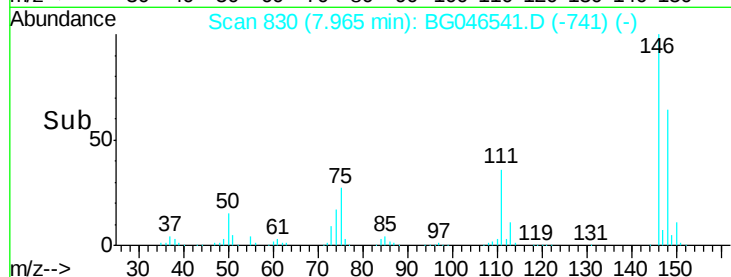
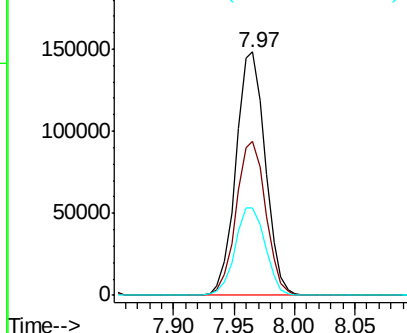


Abundance

Ion 146.00 (145.70 to 146.70): E

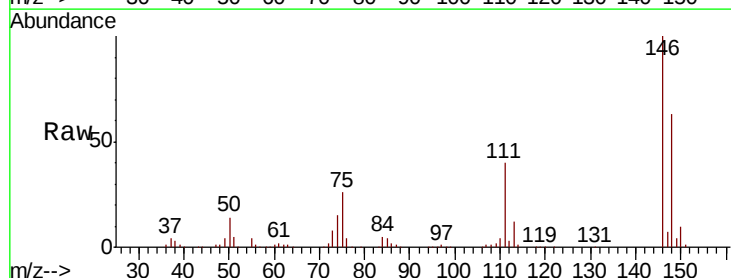
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 50.071 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
111	40.3	31.4	47.2

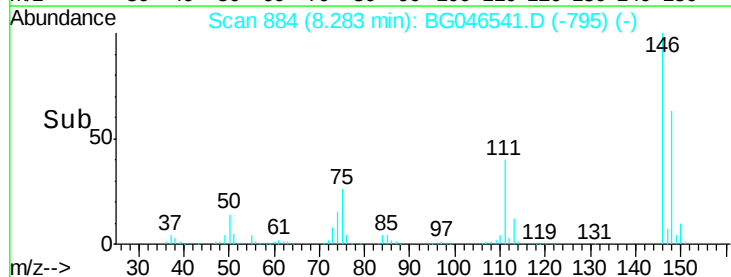
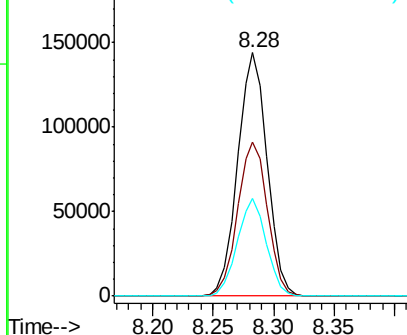


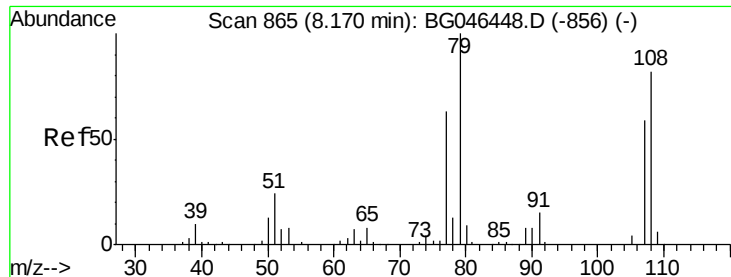
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 57.755 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

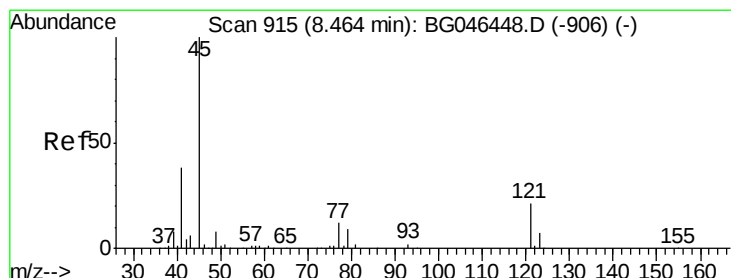
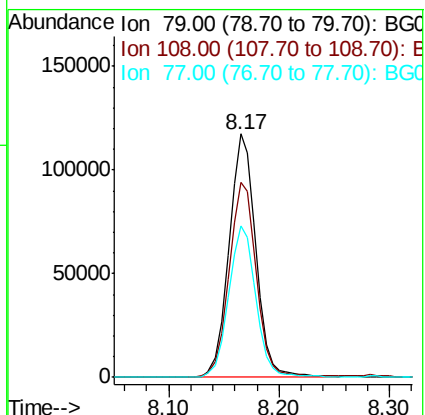
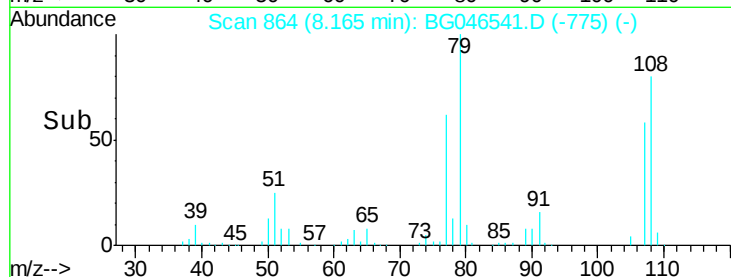
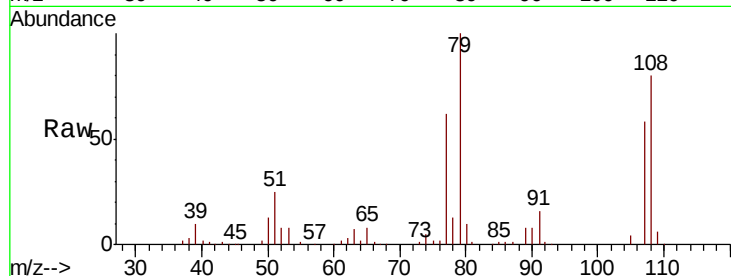
Tot Ion: 79 Resp: 199426

Ion Ratio Lower Upper

79 100

108 80.3 65.7 98.5

77 62.4 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.945 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

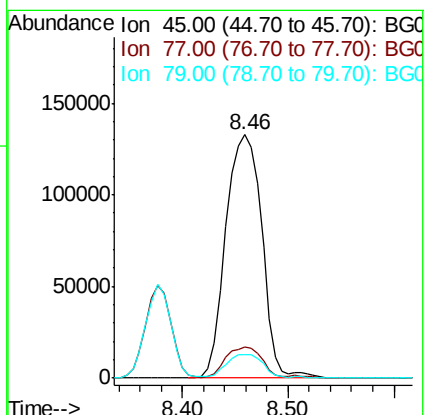
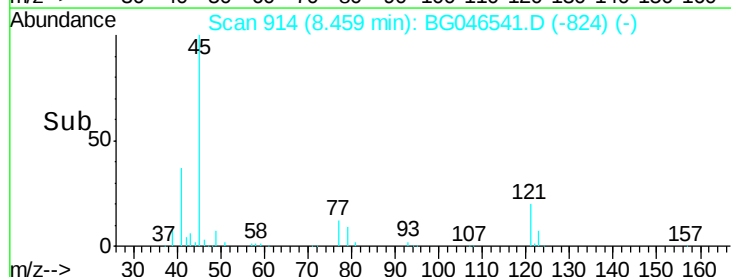
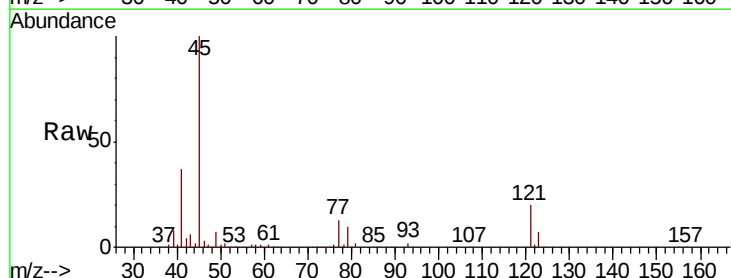
Tgt Ion: 45 Resp: 314646

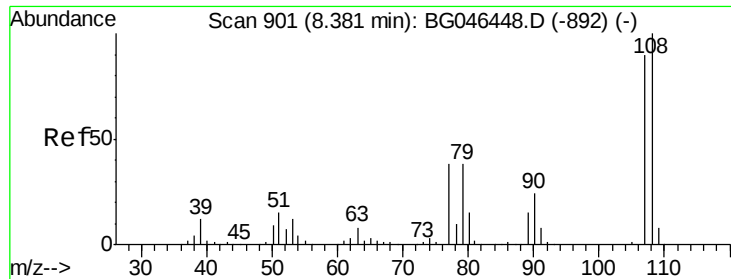
Ion Ratio Lower Upper

45 100

77 12.9 0.0 33.2

79 9.5 0.0 30.3

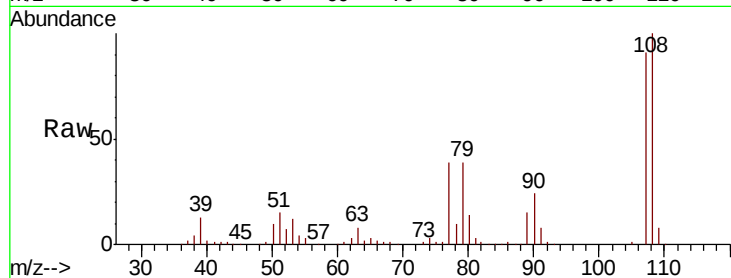




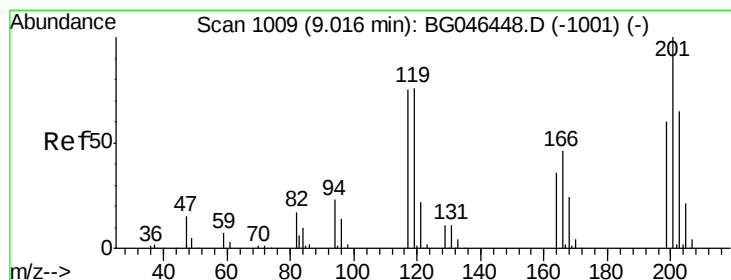
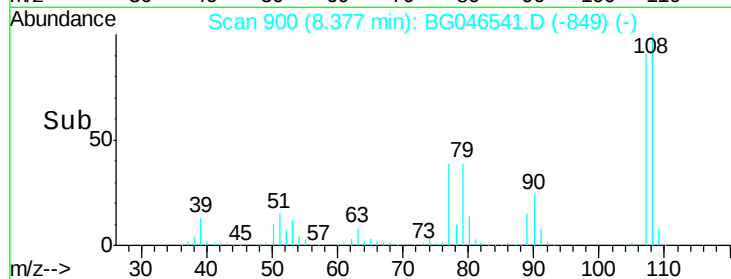
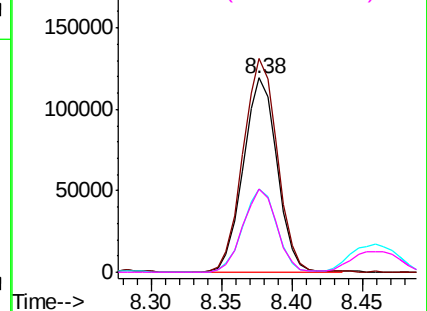
#17
2-Methylphenol
Concen: 56.922 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion:	107	Resp:	199973
Ion	Ratio	Lower	Upper
107	100		
108	110.0	89.4	134.0
77	42.6	34.5	51.7
79	43.1	33.8	50.6

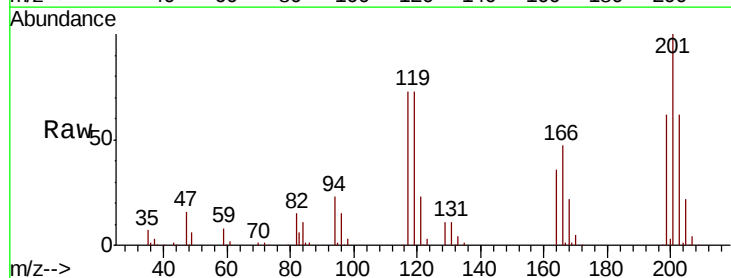


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

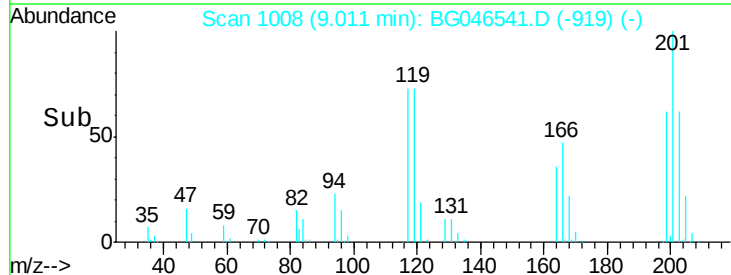
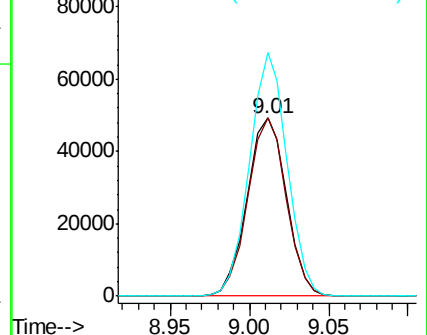


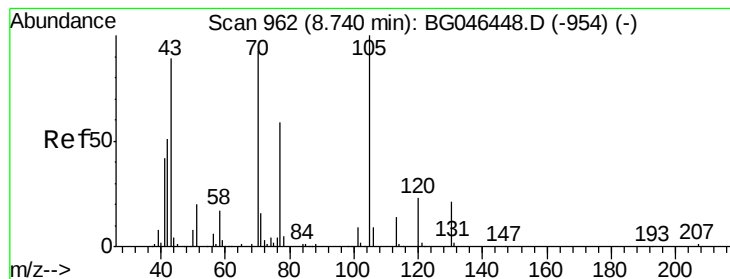
#18
Hexachloroethane
Concen: 49.288 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:	117	Resp:	85174
Ion	Ratio	Lower	Upper
117	100		
119	100.2	80.8	121.2
201	136.9	106.7	160.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 53.765 ng

RT: 8.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

Tot Ion: 70 Resp: 172964

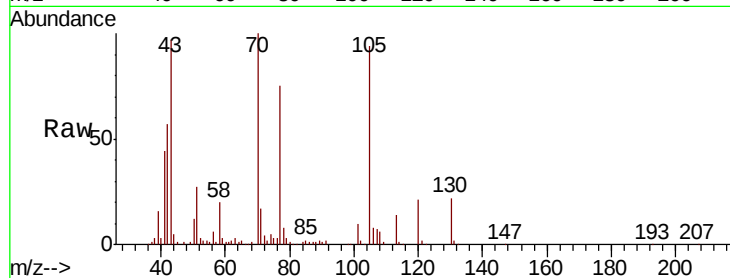
Ion Ratio Lower Upper

70 100

42 57.0 44.2 66.2

101 10.2 7.8 11.8

130 21.5 18.2 27.4

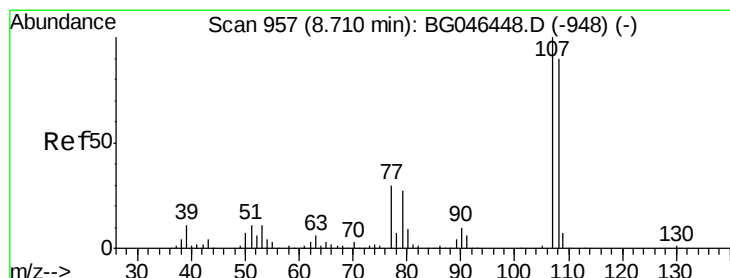
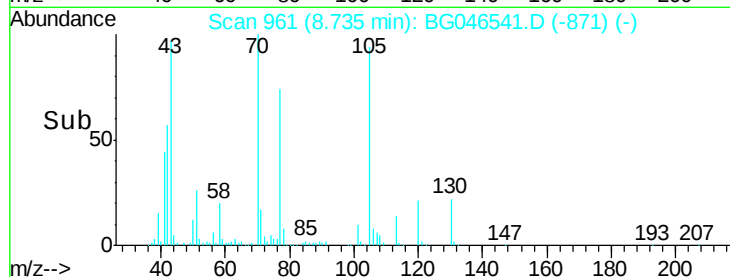
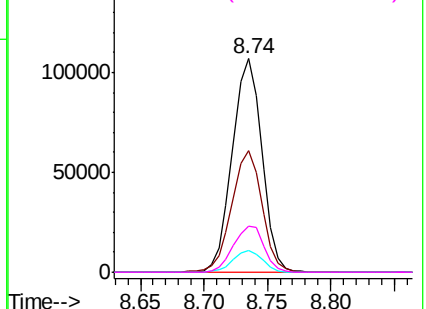


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 57.438 ng

RT: 8.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Tgt Ion: 107 Resp: 278518

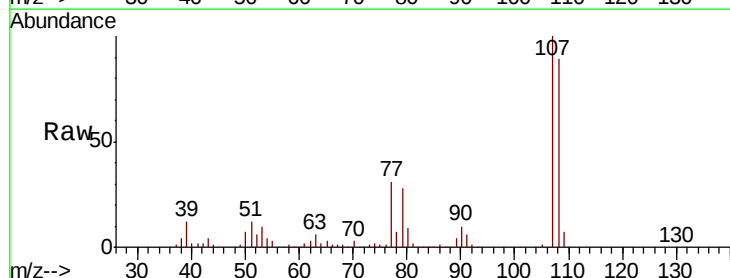
Ion Ratio Lower Upper

107 100

108 89.3 69.7 109.7

77 30.5 9.7 49.7

79 27.9 6.9 46.9

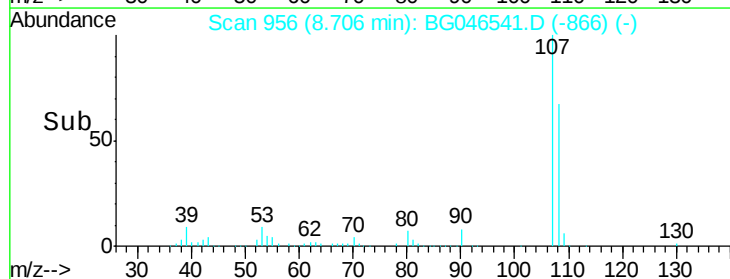
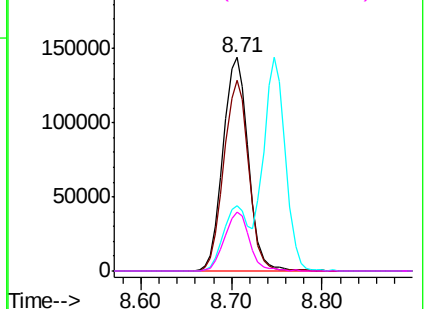


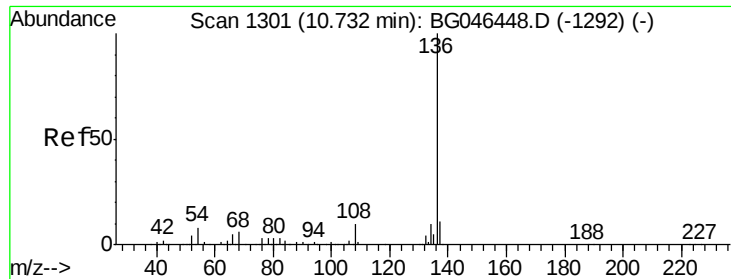
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

Tot Ion:136 Resp: 278267

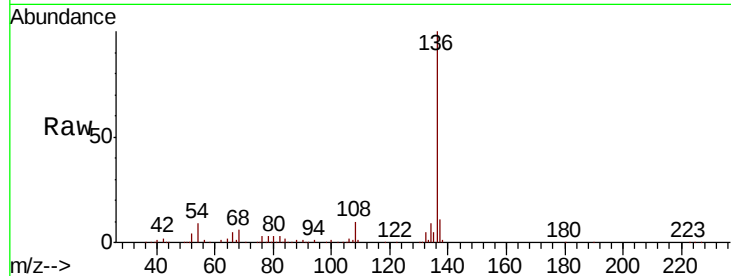
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 8.5 6.1 9.1

68 5.7 4.8 7.2

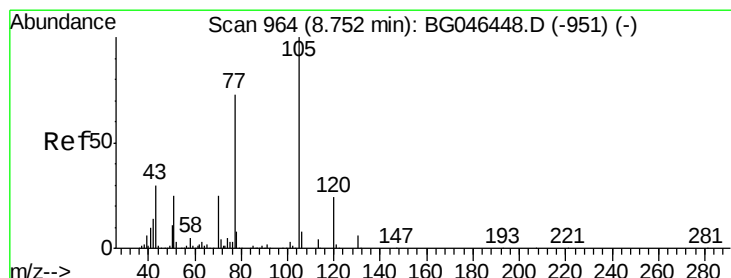
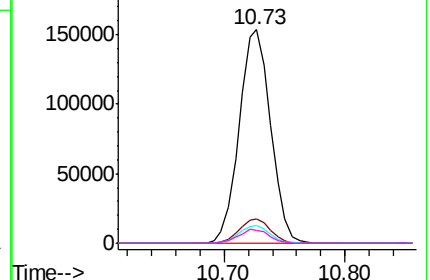
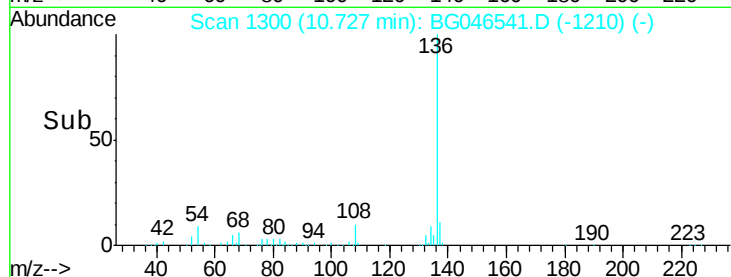


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.791 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Tgt Ion:105 Resp: 323718

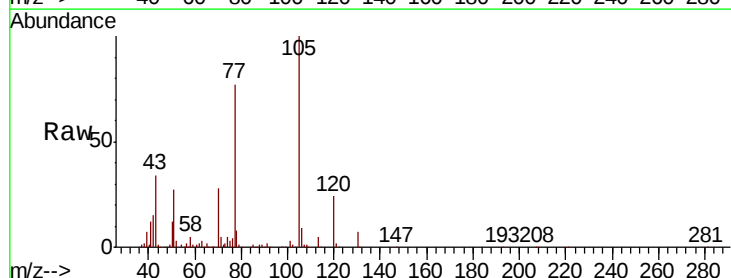
Ion Ratio Lower Upper

105 100

71 4.8 3.3 4.9

51 26.9 20.6 31.0

120 23.6 19.0 28.6

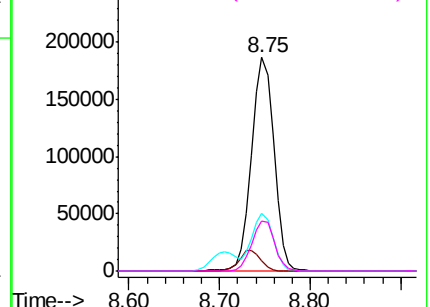
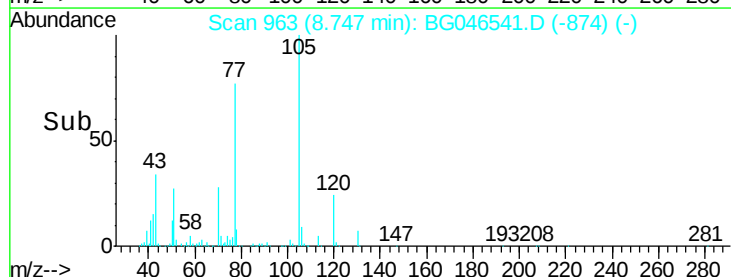


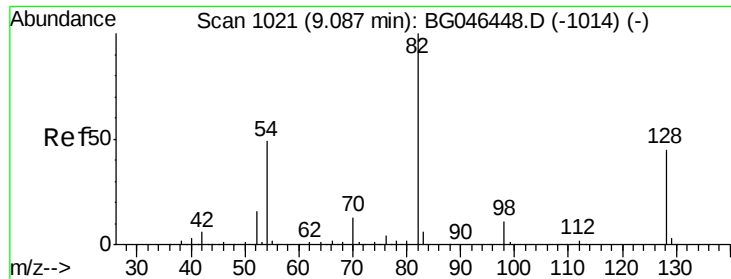
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

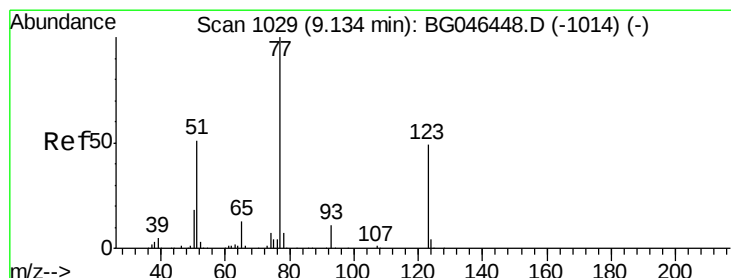
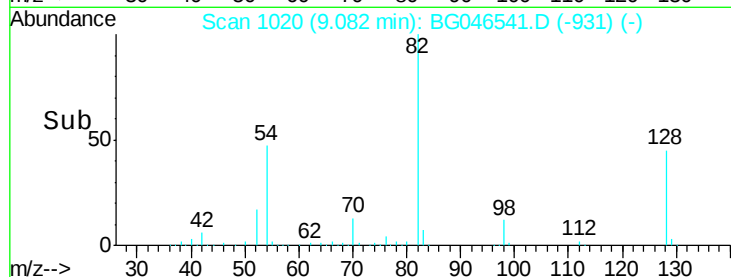
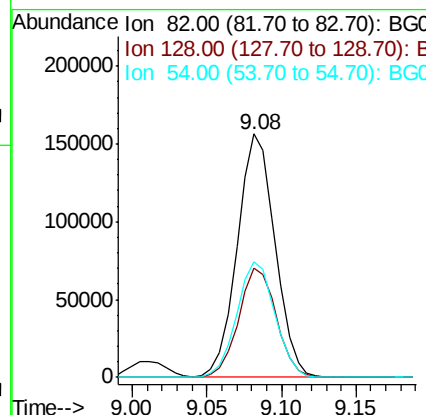
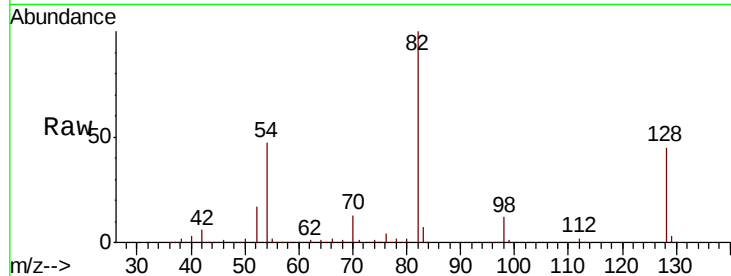




#23
 Nitrobenzene-d5
 Concen: 56.210 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

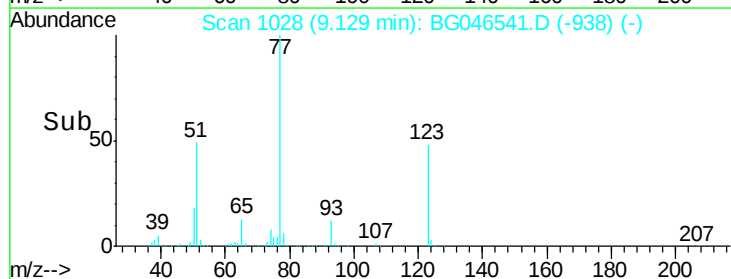
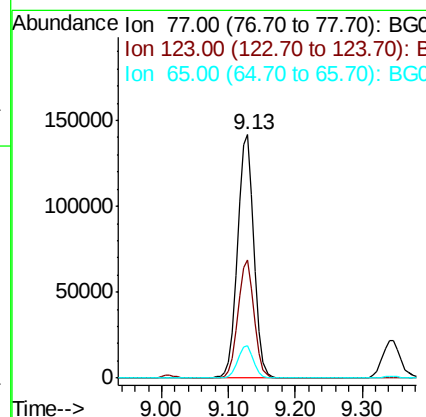
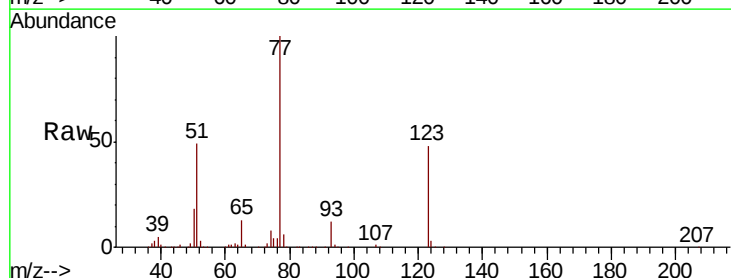
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

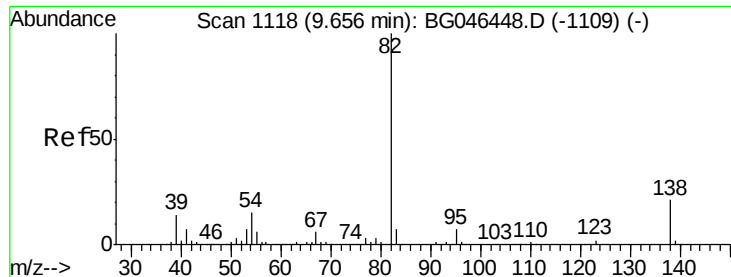
Tot Ion	82	Resp	273667
Ion Ratio	Lower	Upper	
82	100		
128	45.0	35.7	53.5
54	47.5	39.4	59.0



#24
 Nitrobenzene
 Concen: 51.057 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion	77	Resp	245580
Ion Ratio	Lower	Upper	
77	100		
123	48.5	39.6	59.4
65	13.2	10.1	15.1





#25

Isophorone

Concen: 53.757 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

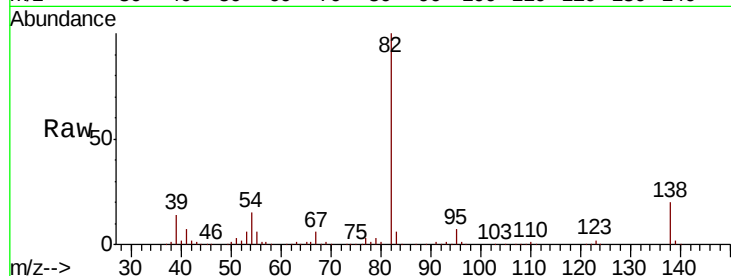
Tot Ion: 82 Resp: 479838

Ion Ratio Lower Upper

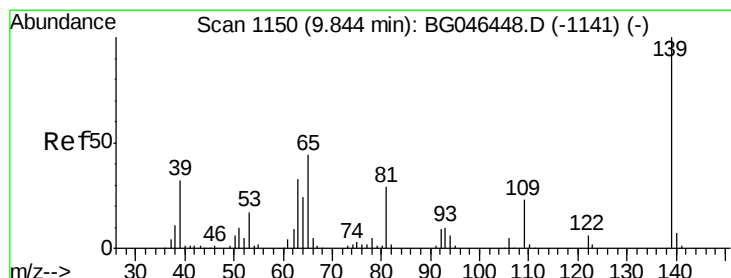
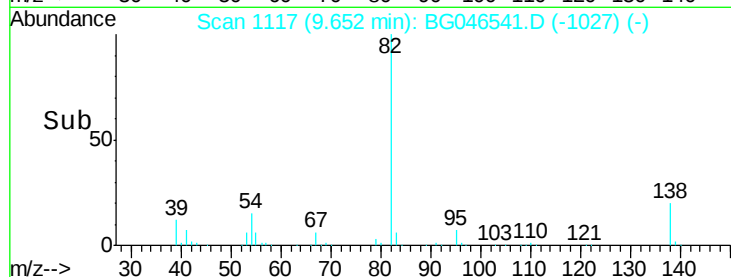
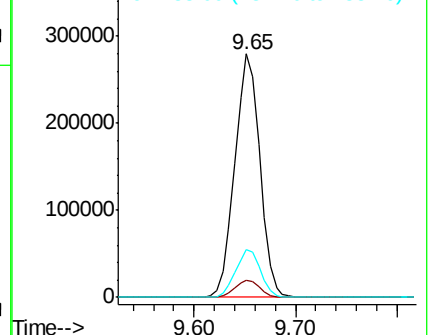
82 100

95 6.8 5.8 8.6

138 19.9 16.4 24.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 54.406 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

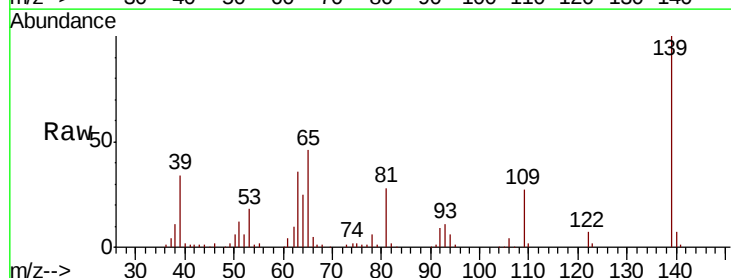
Tgt Ion: 139 Resp: 138069

Ion Ratio Lower Upper

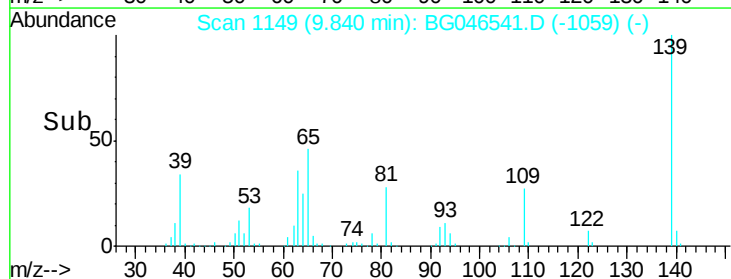
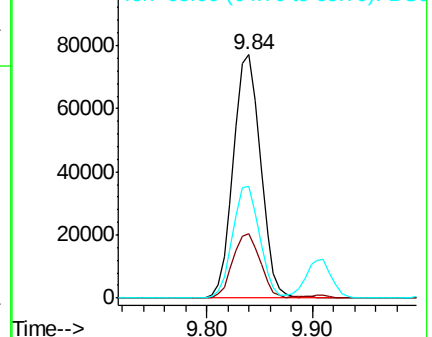
139 100

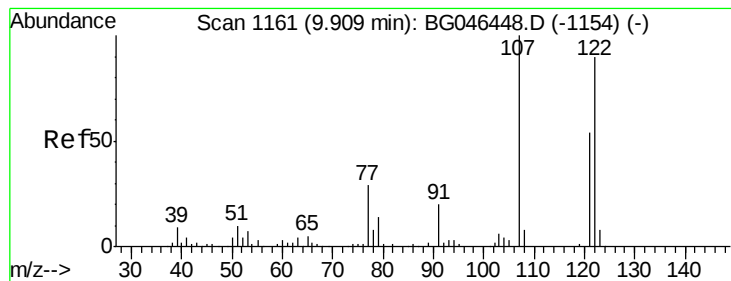
109 26.7 18.8 28.2

65 45.9 35.0 52.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 64.032 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

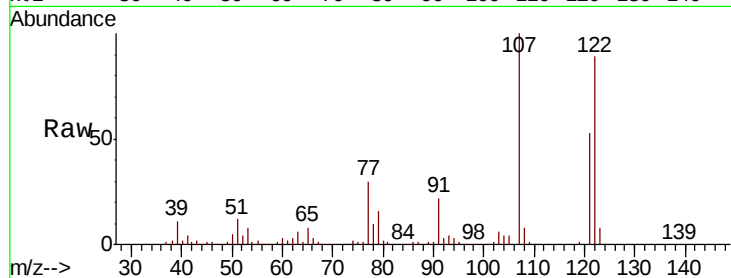
Tot Ion:122 Resp: 223496

Ion Ratio Lower Upper

122 100

107 112.6 88.2 132.2

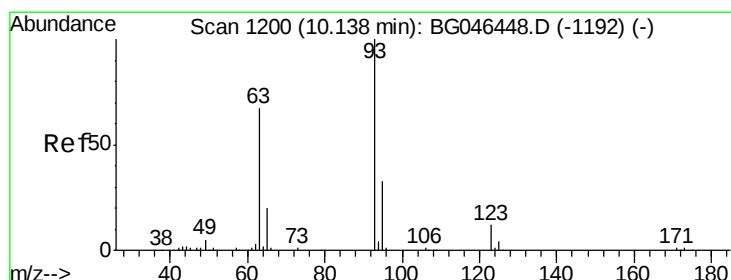
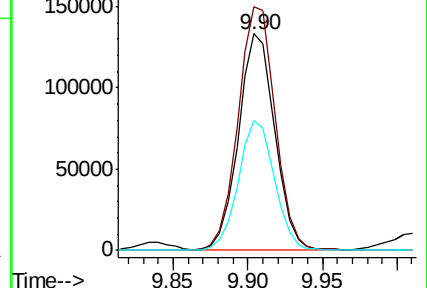
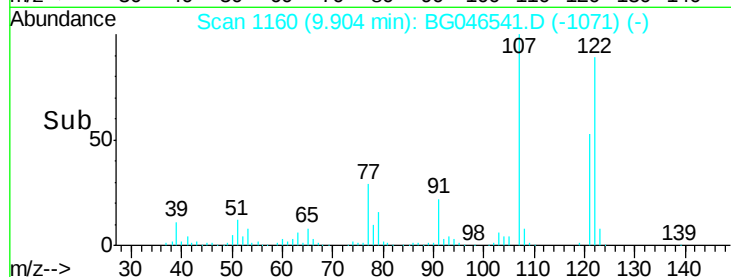
121 60.2 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 50.011 ng

RT: 10.13 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

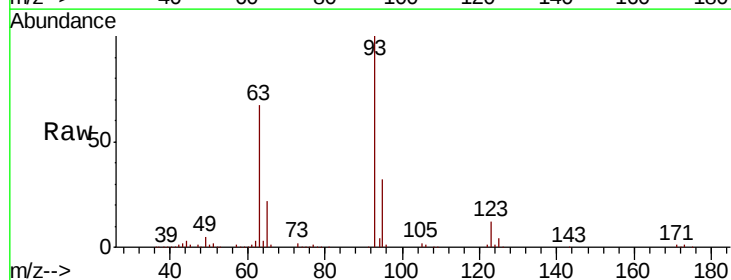
Tgt Ion: 93 Resp: 287324

Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

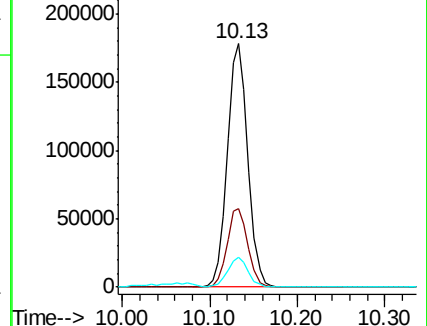
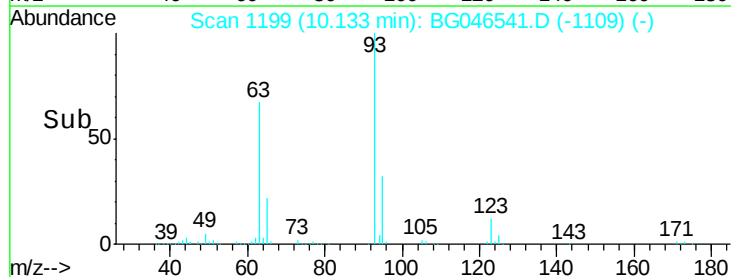
123 12.1 9.5 14.3

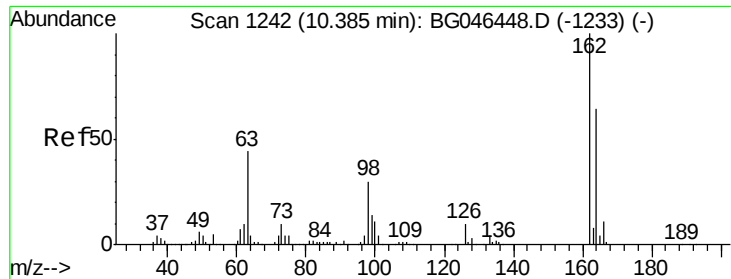


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

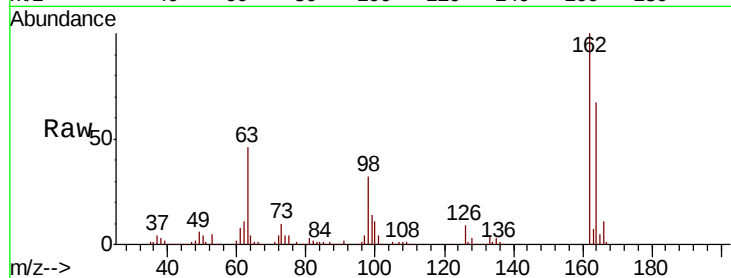




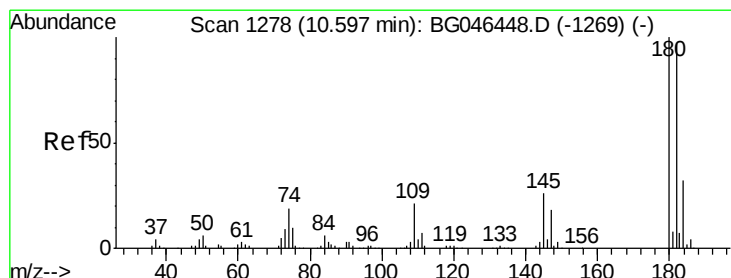
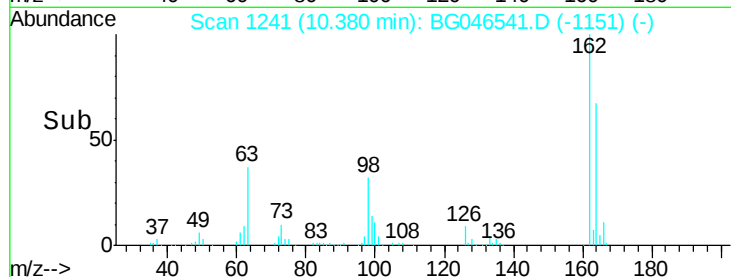
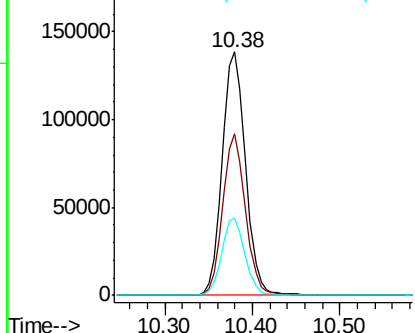
#29
 2,4-Dichlorophenol
 Concen: 54.998 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	44.3	84.3
98	31.9	10.0	50.0

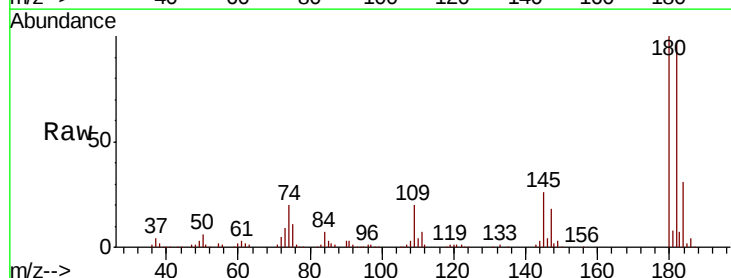


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

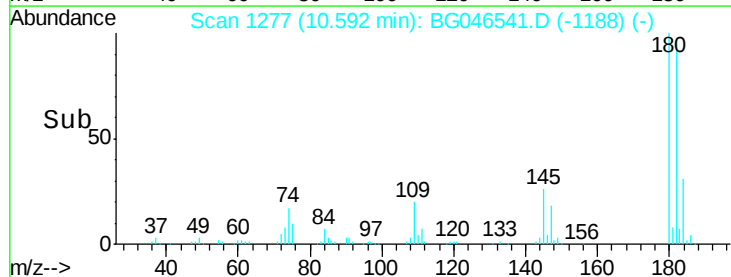
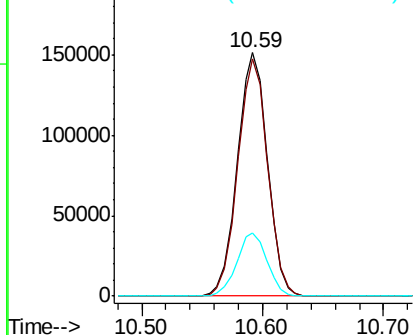


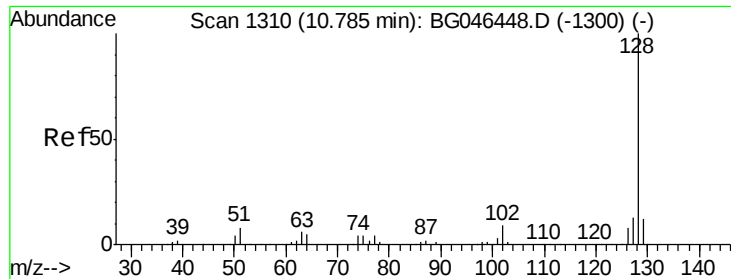
#30
 1,2,4-Trichlorobenzene
 Concen: 47.616 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.8	116.8
145	26.1	20.9	31.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

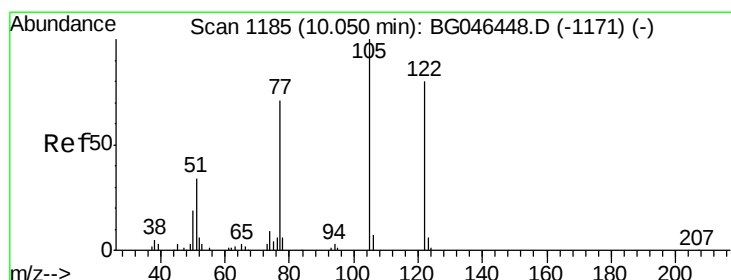
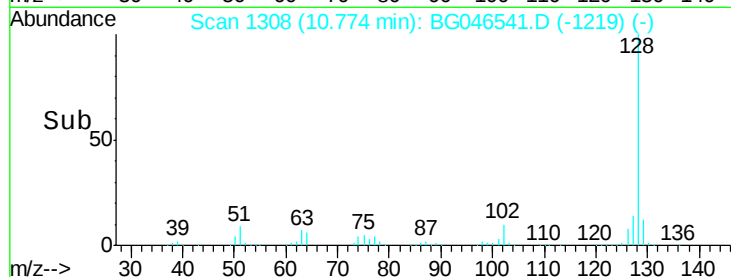
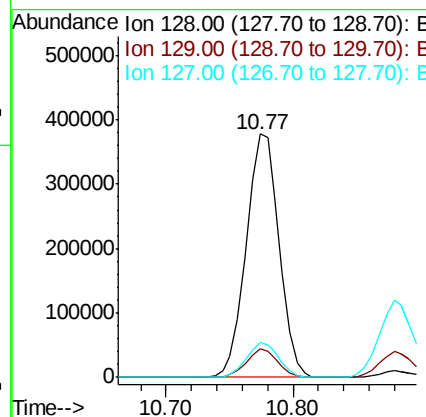
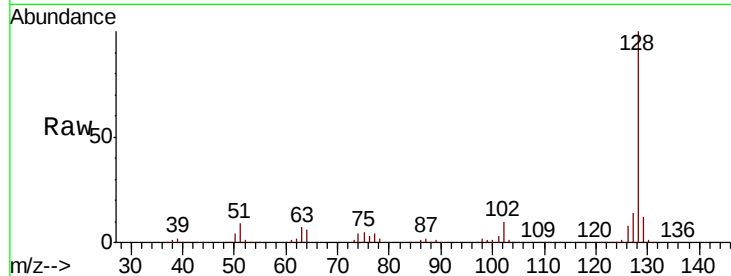




#31
Naphthalene
Concen: 49.911 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

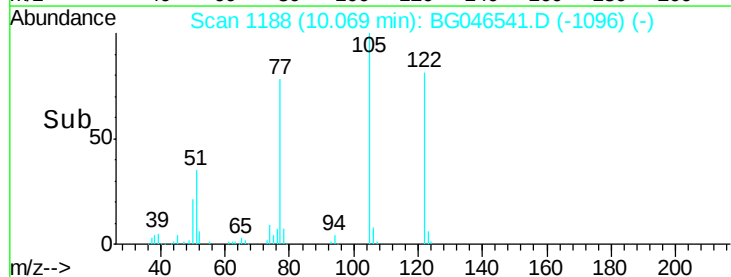
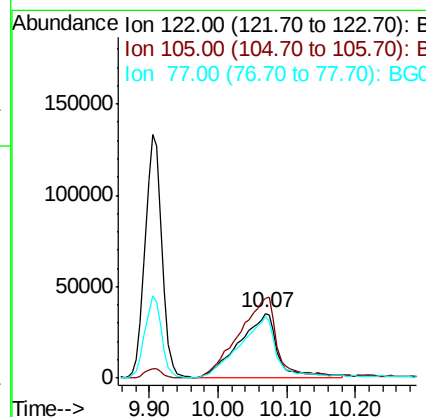
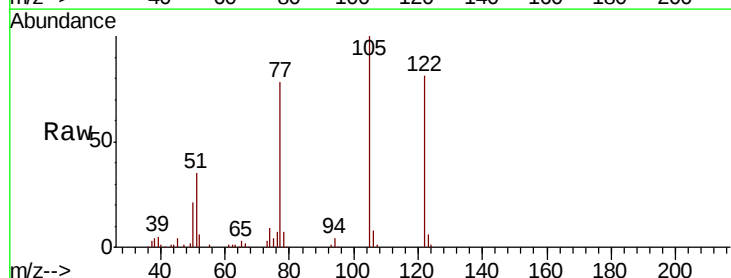
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

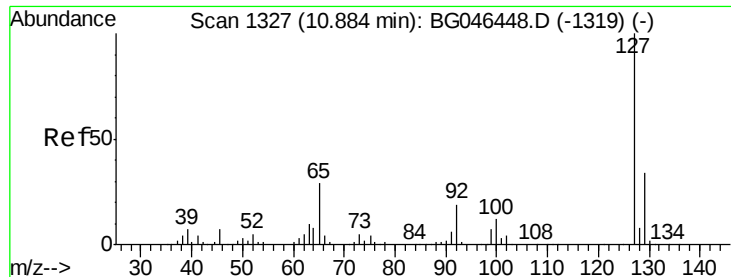
Tot Ion:128 Resp: 678123
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.1 10.7 16.1



#32
Benzoic acid
Concen: 50.889 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:122 Resp: 135355
Ion Ratio Lower Upper
122 100
105 123.3 102.5 142.5
77 95.8 68.2 108.2

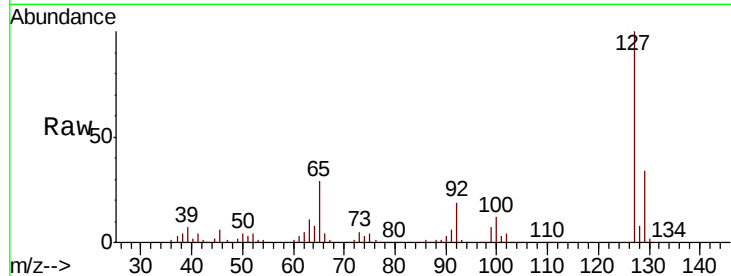




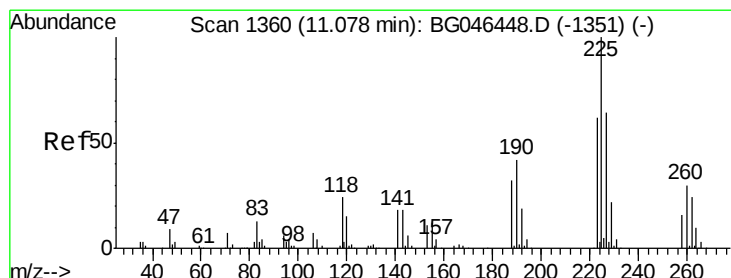
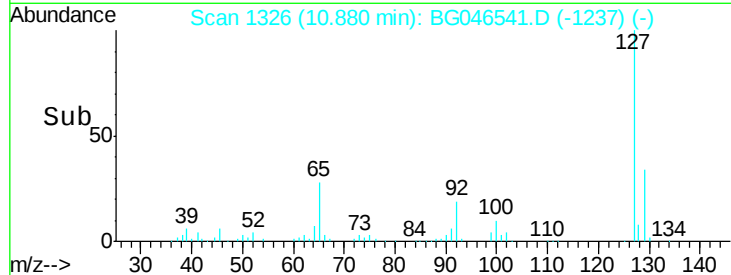
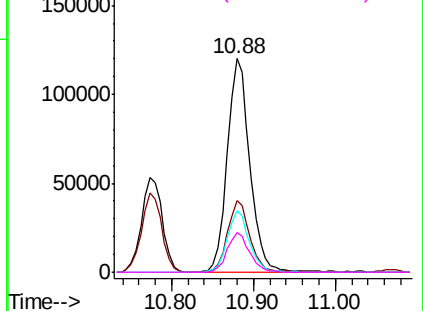
#33
4-Chloroaniline
Concen: 38.517 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion:	127	Resp:	230762
Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.0	40.4
65	28.6	23.5	35.3
92	18.8	14.9	22.3

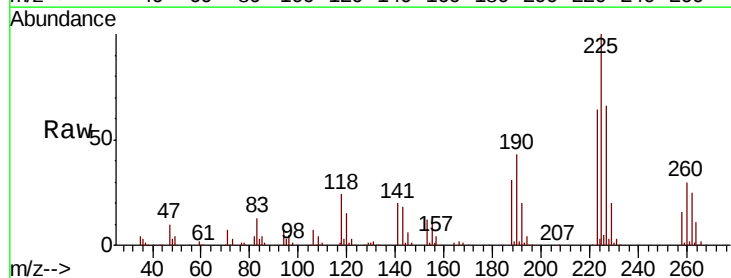


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG0
Ion 92.00 (91.70 to 92.70): BG0

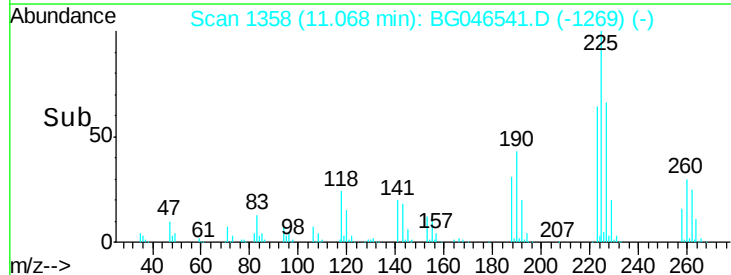
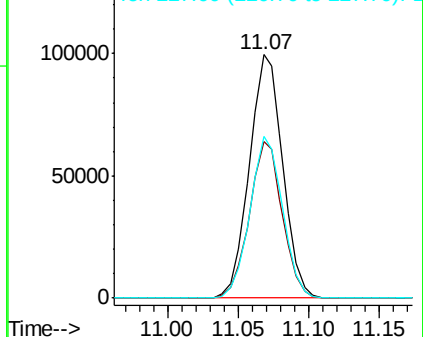


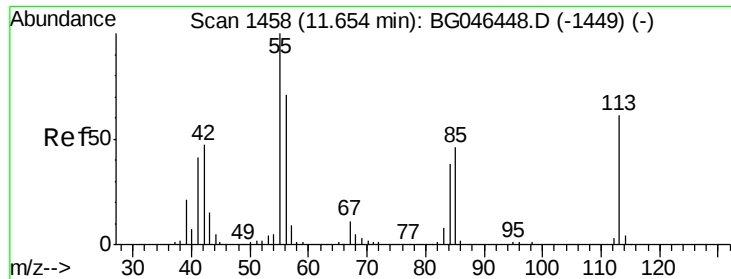
#34
Hexachlorobutadiene
Concen: 46.112 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:	225	Resp:	165260
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.9	74.9
227	66.4	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

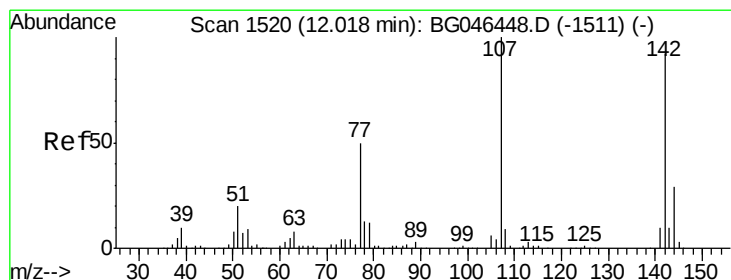
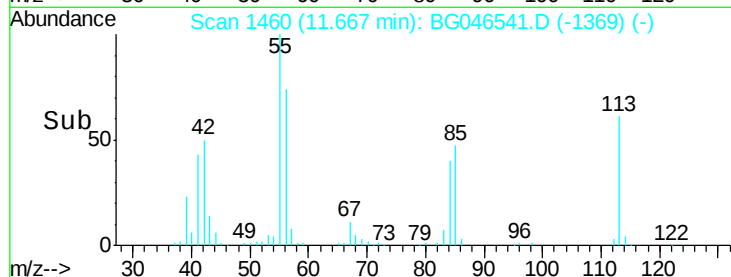
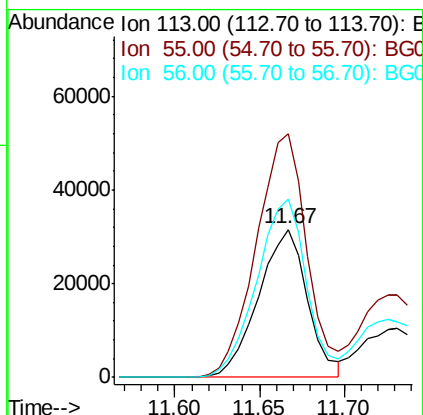
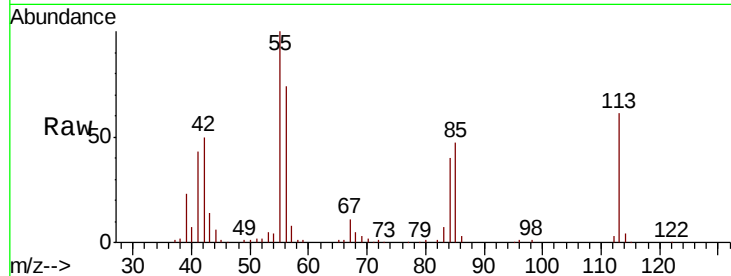




#35
Caprolactam
Concen: 36.547 ng
RT: 11.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

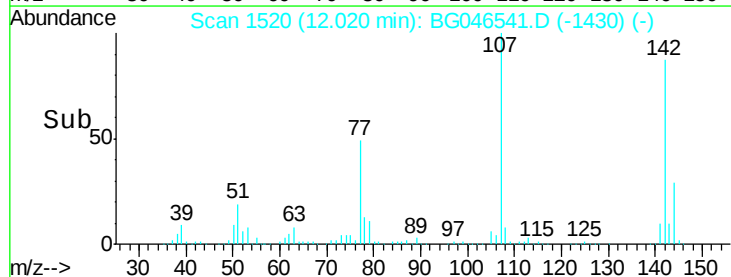
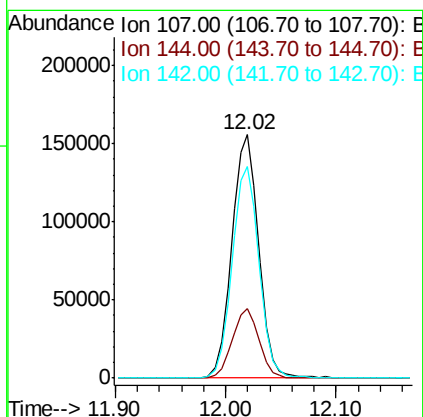
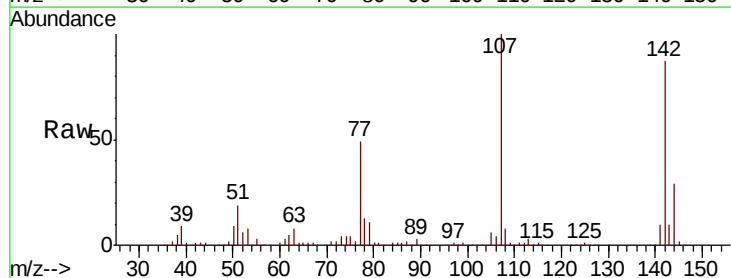
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

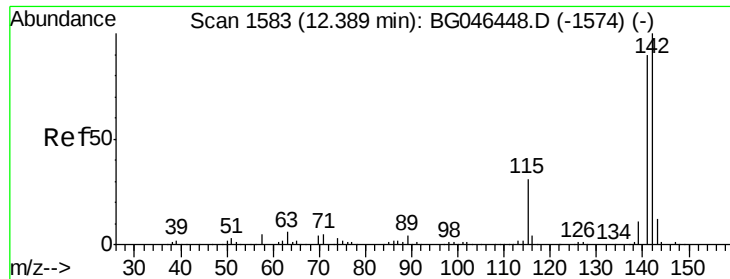
Tot Ion:113 Resp: 63566
Ion Ratio Lower Upper
113 100
55 164.5 144.2 184.2
56 120.9 97.0 137.0



#36
4-Chloro-3-methylphenol
Concen: 58.329 ng
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:107 Resp: 265452
Ion Ratio Lower Upper
107 100
144 28.8 23.3 34.9
142 86.9 73.7 110.5

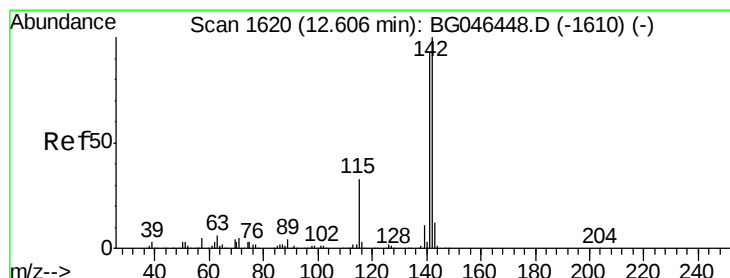
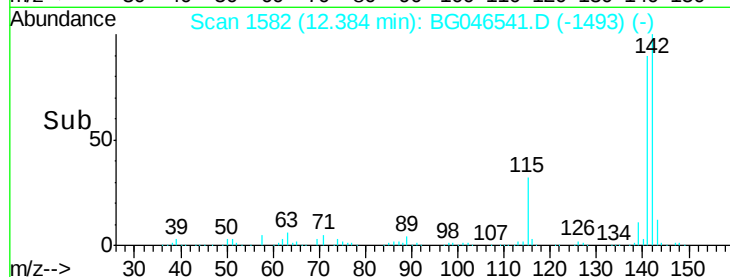
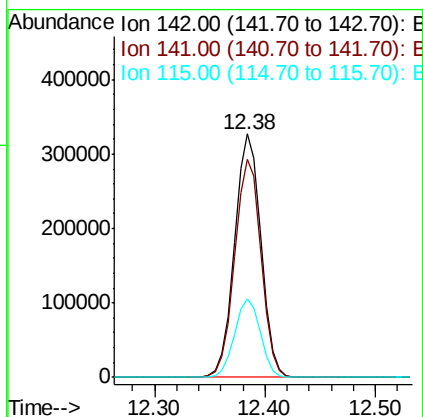
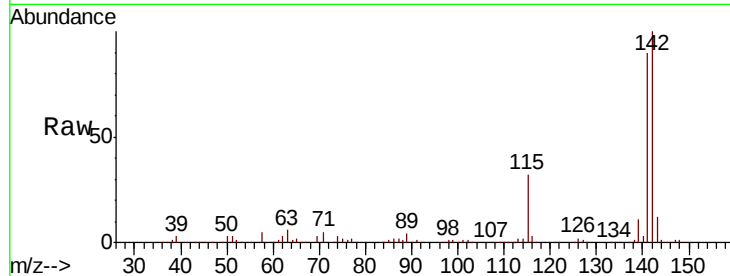




#37
2-Methylnaphthalene
Concen: 51.162 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

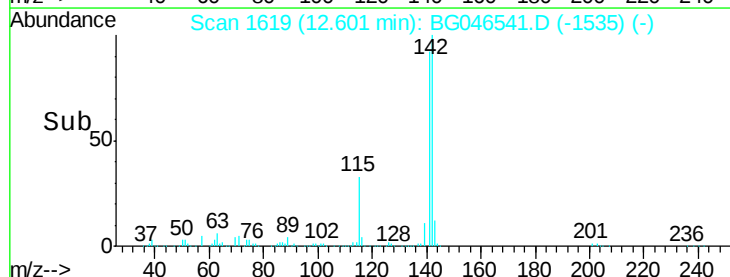
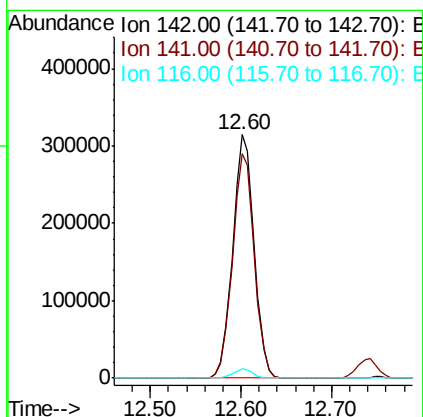
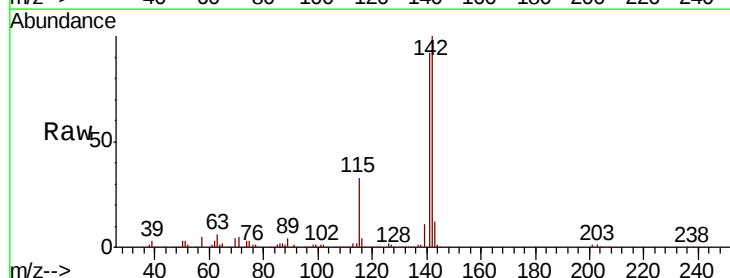
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

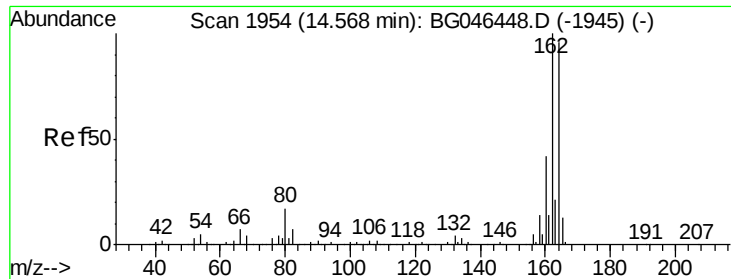
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.1	108.1
115	32.1	24.9	37.3



#38
1-Methylnaphthalene
Concen: 50.764 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.7	112.1
116	3.7	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

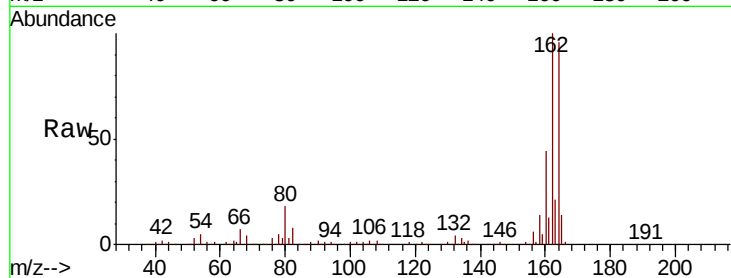
Tot Ion:164 Resp: 201690

Ion Ratio Lower Upper

164 100

162 103.8 83.3 124.9

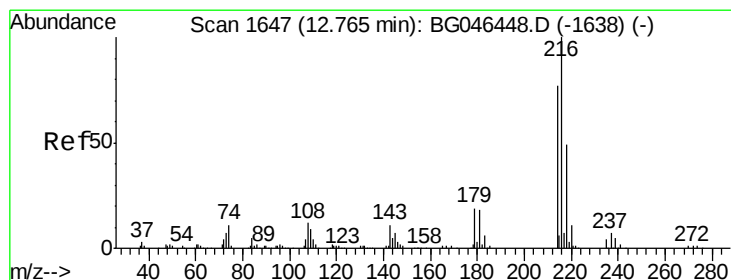
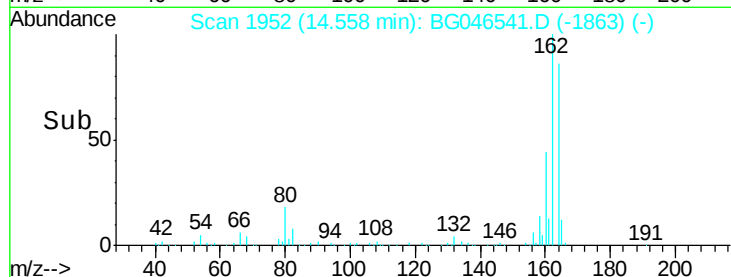
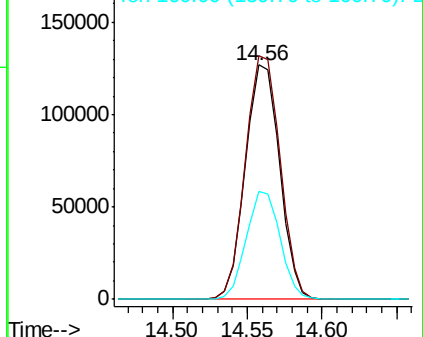
160 46.0 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.564 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Tgt Ion:216 Resp: 323000

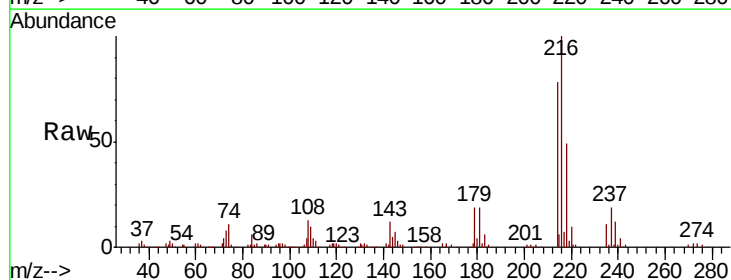
Ion Ratio Lower Upper

216 100

214 78.0 62.1 93.1

179 18.6 14.9 22.3

108 15.2 10.5 15.7

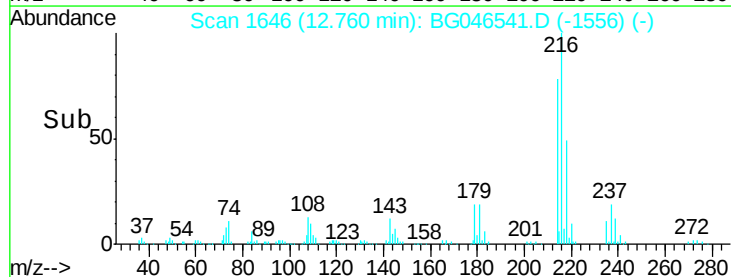
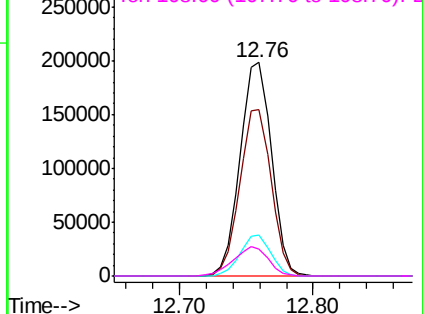


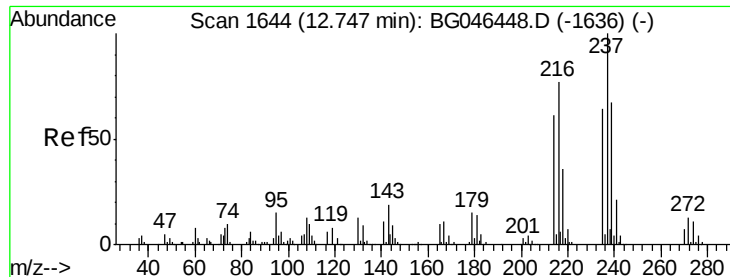
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 132.105 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

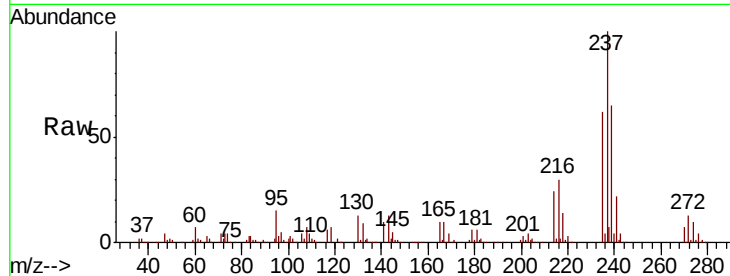
Tot Ion:237 Resp: 382049

Ion Ratio Lower Upper

237 100

235 62.2 44.5 84.5

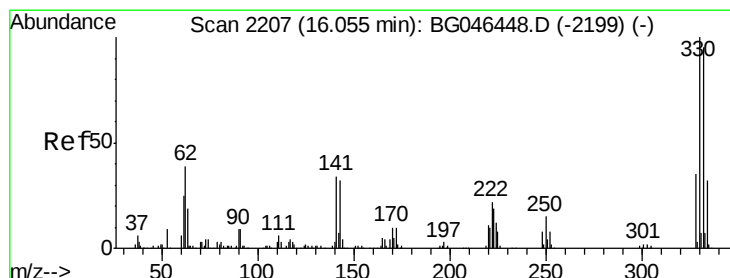
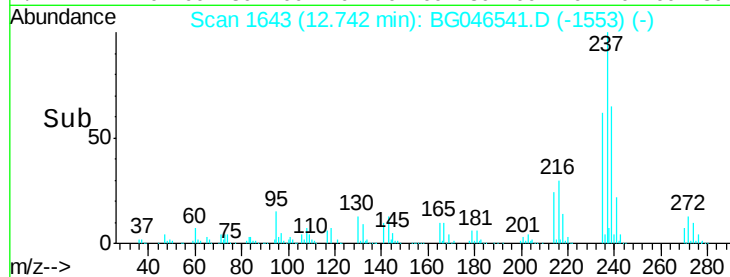
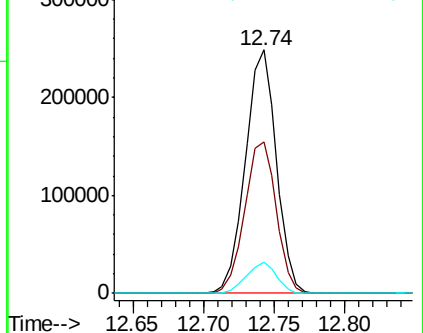
272 12.6 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.369 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

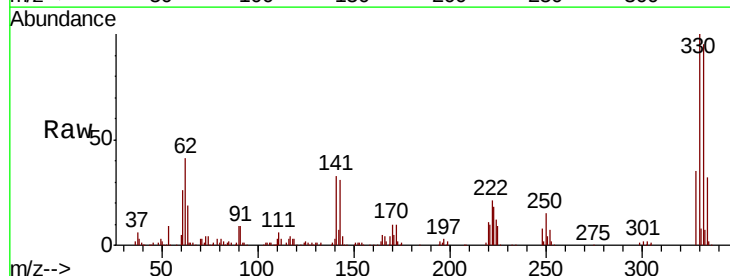
Tgt Ion:330 Resp: 216896

Ion Ratio Lower Upper

330 100

332 96.5 76.1 114.1

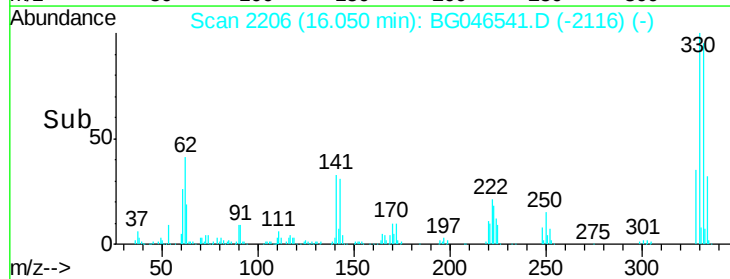
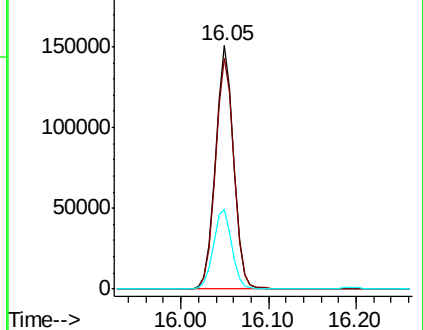
141 33.4 26.1 39.1

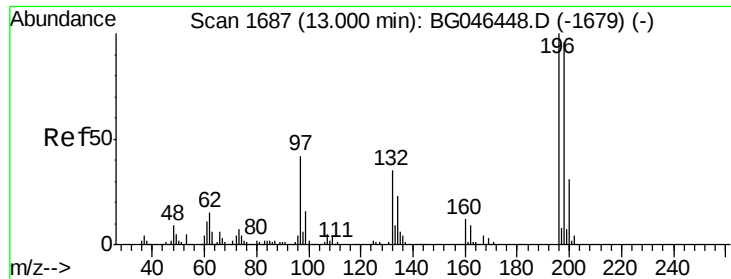


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

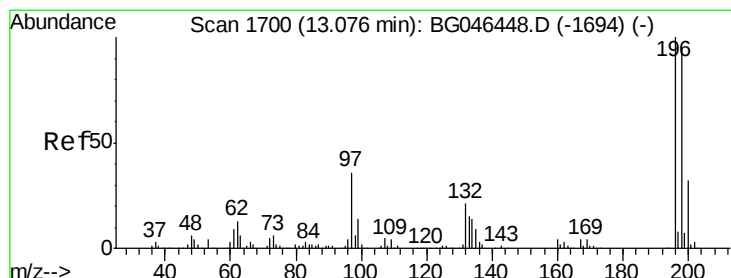
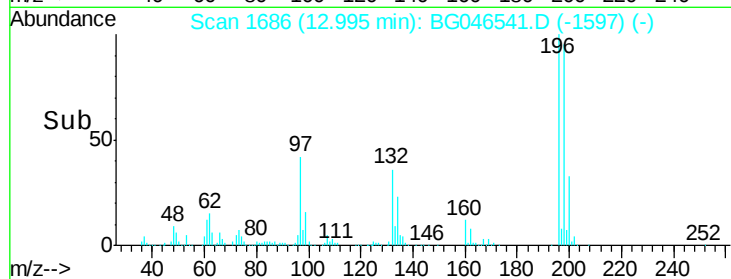
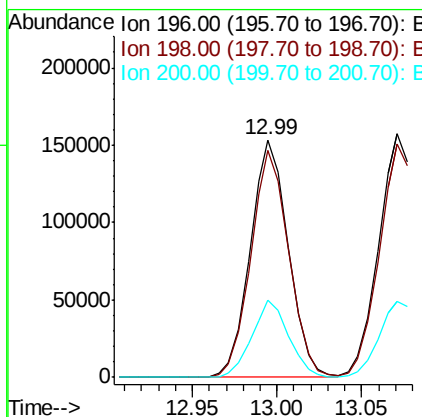
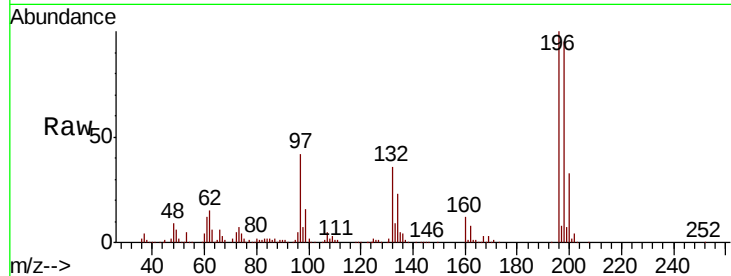




#43
 2,4,6-Trichlorophenol
 Concen: 53.292 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

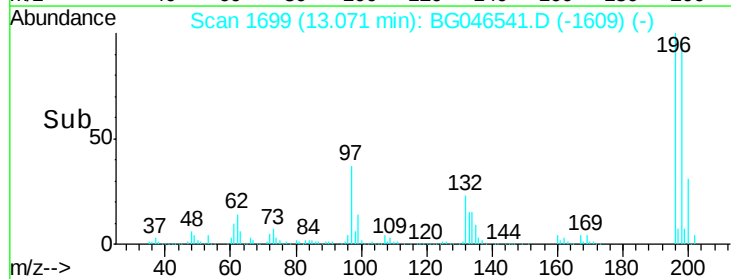
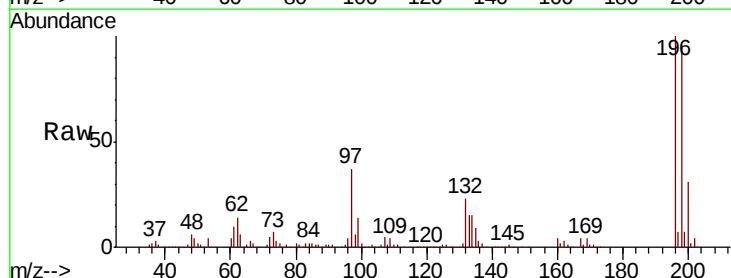
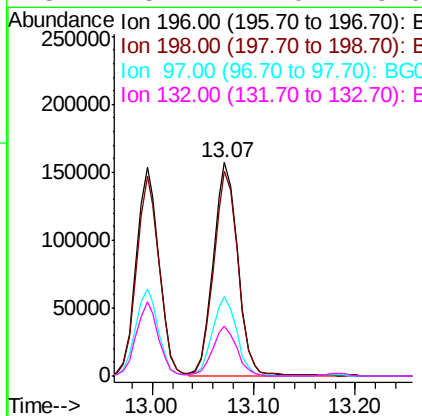
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

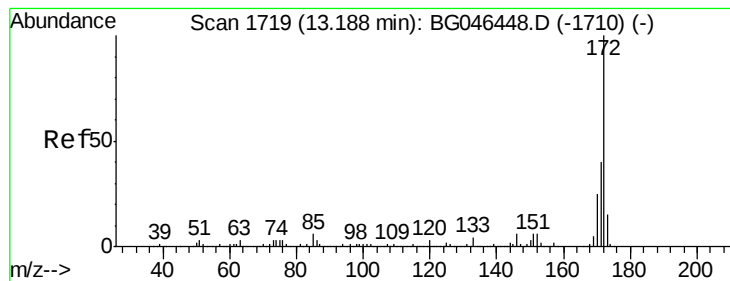
Tot Ion	196	Resp	239190
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.0	115.6
200	32.7	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 55.640 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion	196	Resp	262382
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.6	113.4
97	37.0	28.6	43.0
132	23.1	17.0	25.6

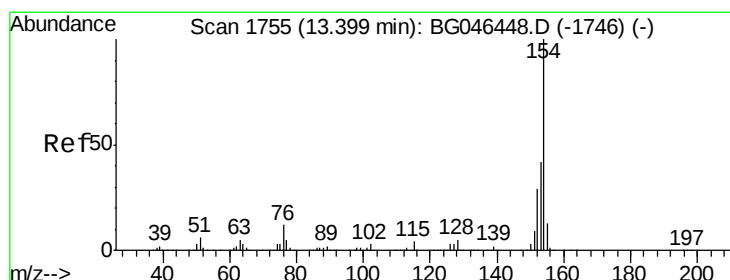
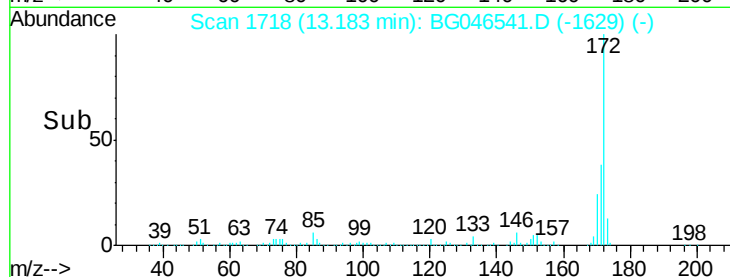
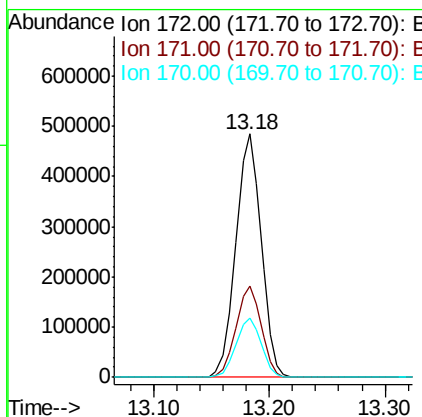
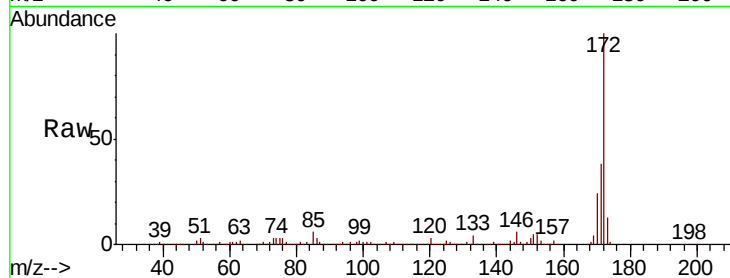




#45
2-Fluorobiphenyl
Concen: 55.663 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

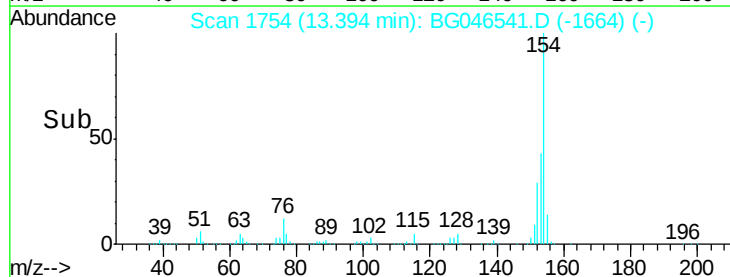
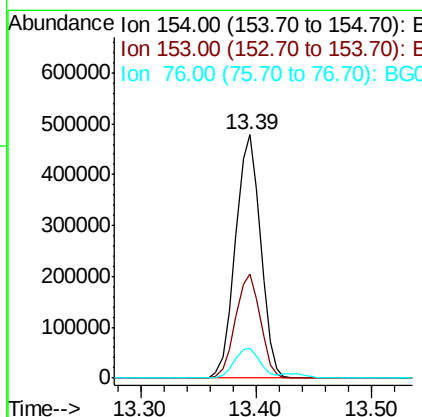
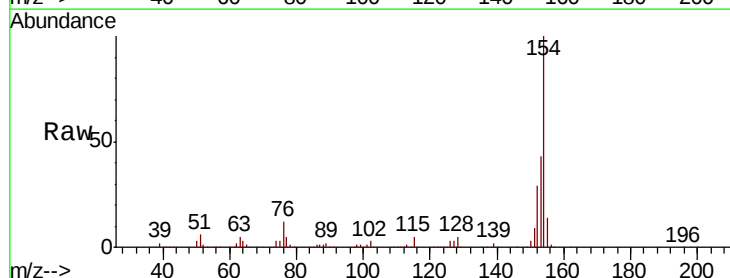
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

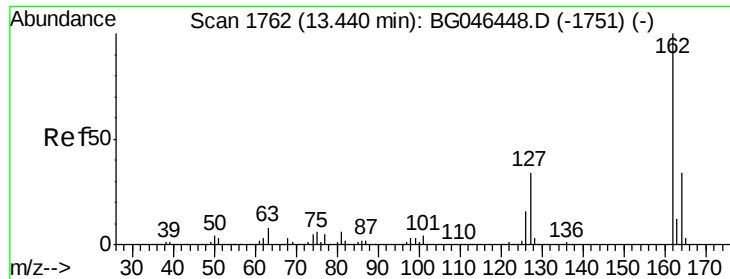
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.8	47.6
170	24.3	20.3	30.5



#46
1,1'-Biphenyl
Concen: 51.249 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	12.0	0.0	32.3

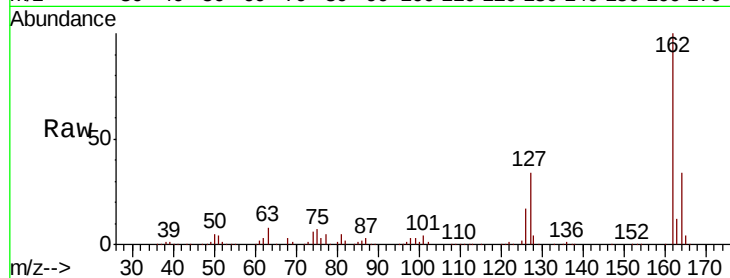




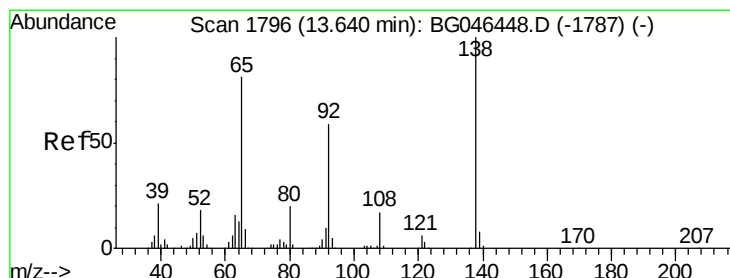
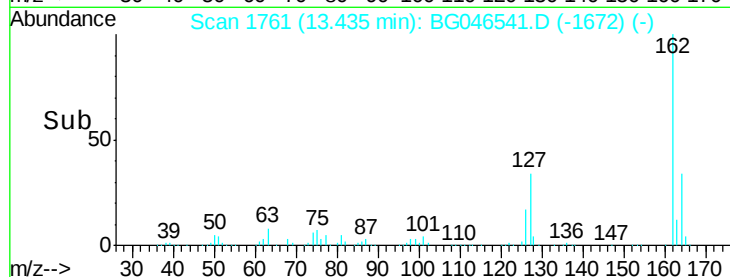
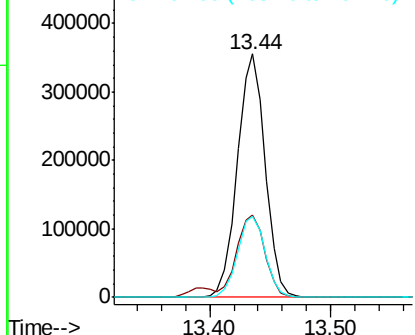
#47
2-Chloronaphthalene
Concen: 47.789 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion:162 Resp: 568575
Ion Ratio Lower Upper
162 100
127 33.9 27.6 41.4
164 33.5 27.3 40.9

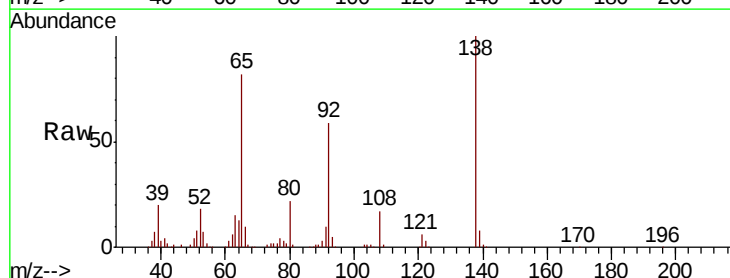


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

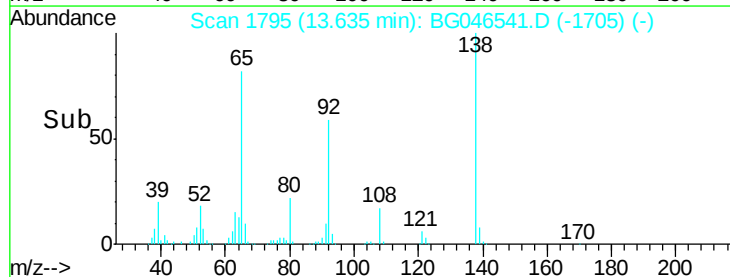
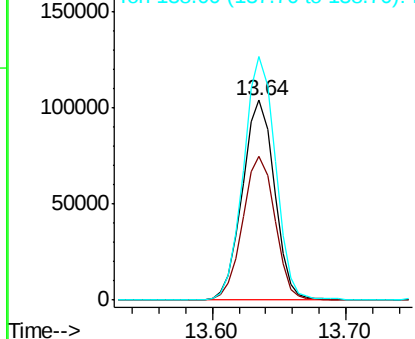


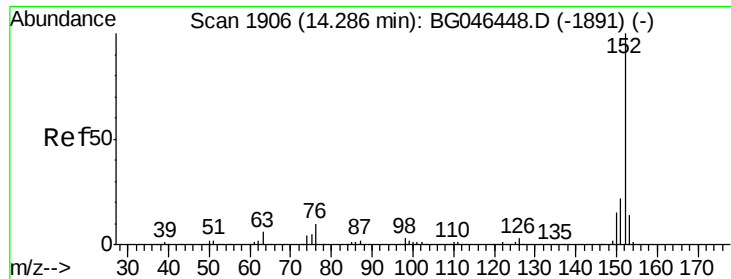
#48
2-Nitroaniline
Concen: 52.394 ng
RT: 13.64 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion: 65 Resp: 173094
Ion Ratio Lower Upper
65 100
92 71.9 58.5 87.7
138 122.0 98.4 147.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.334 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

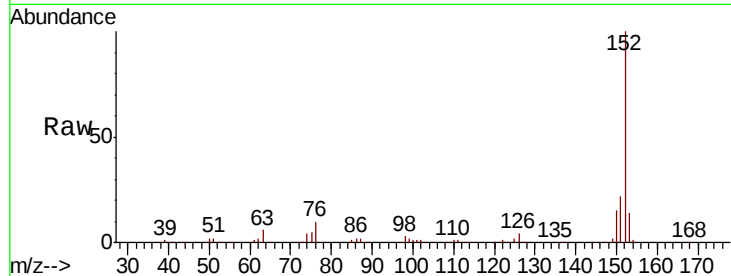
Tot Ion:152 Resp: 926451

Ion Ratio Lower Upper

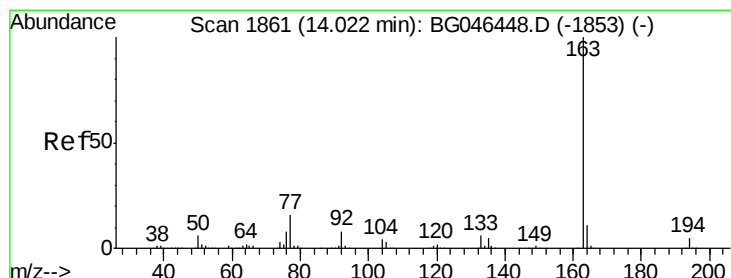
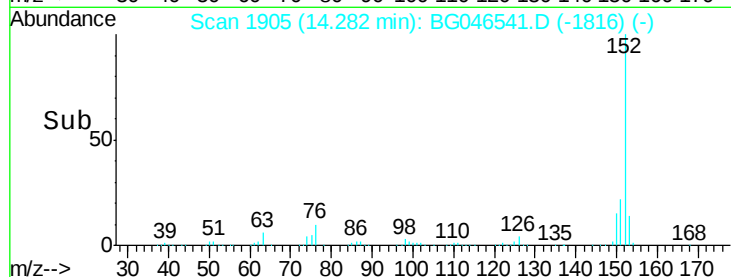
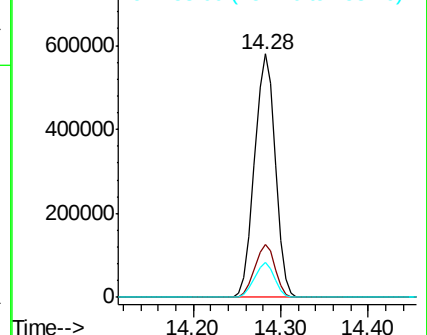
152 100

151 22.0 17.7 26.5

153 14.3 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.439 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

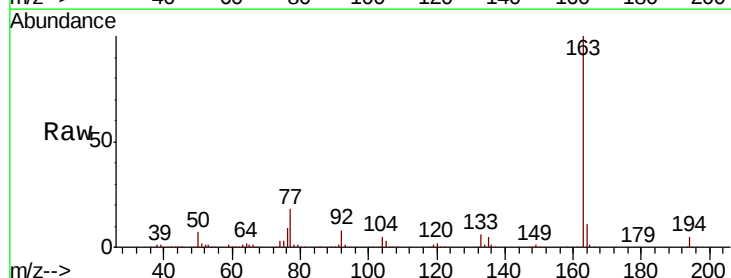
Tgt Ion:163 Resp: 880655

Ion Ratio Lower Upper

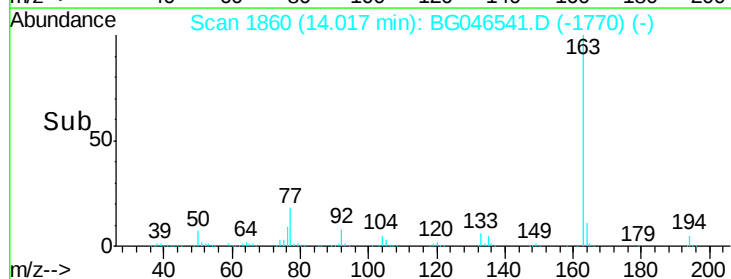
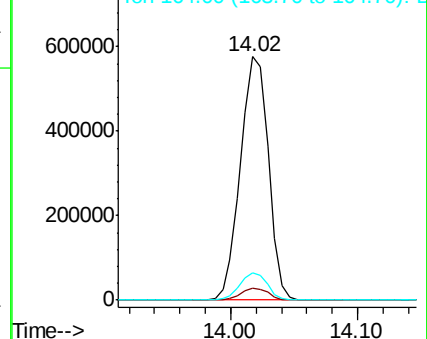
163 100

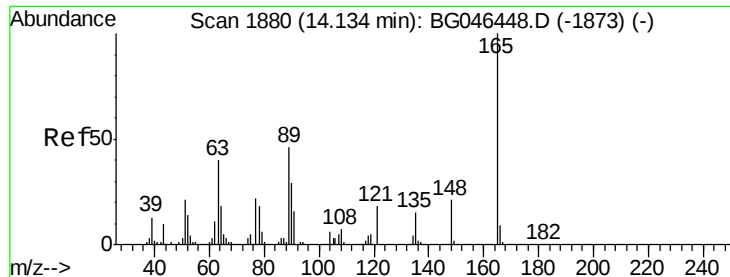
194 4.7 3.7 5.5

164 11.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 54.531 ng

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

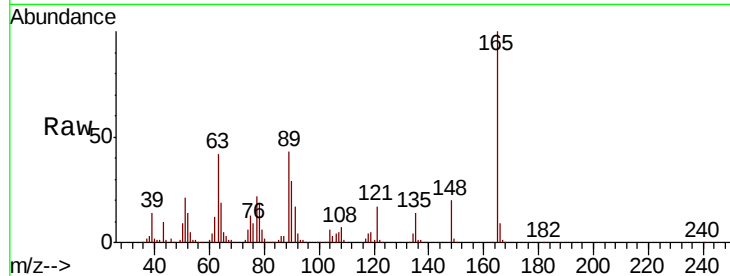
Tot Ion:165 Resp: 187566

Ion Ratio Lower Upper

165 100

63 41.8 34.2 51.4

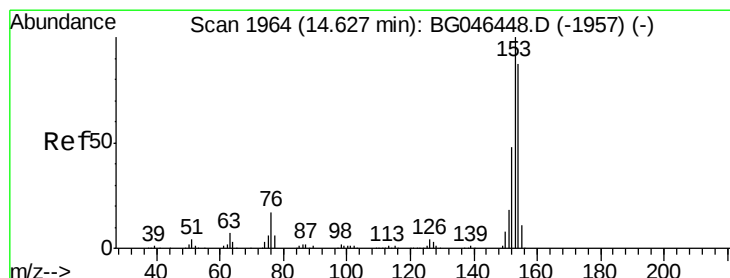
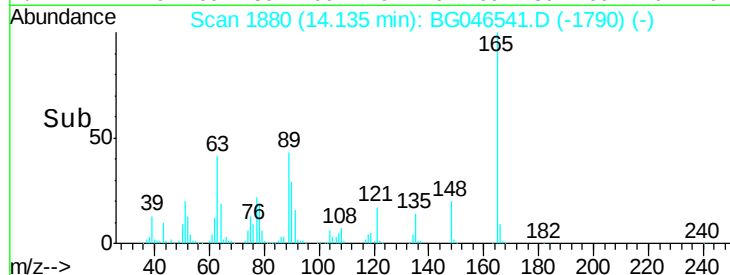
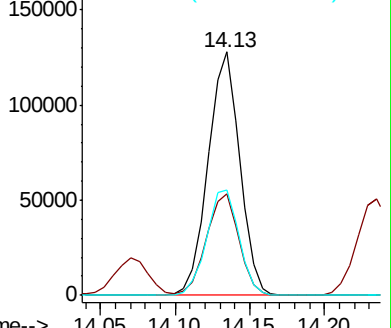
89 43.4 37.0 55.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 50.049 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

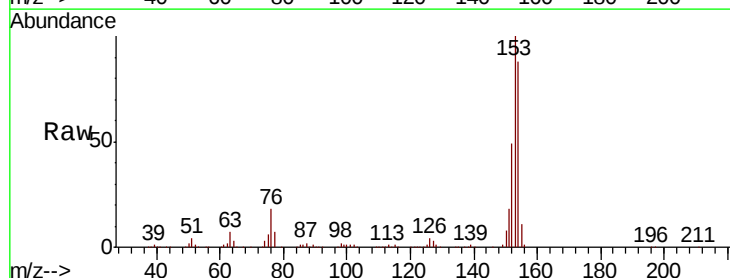
Tgt Ion:154 Resp: 559738

Ion Ratio Lower Upper

154 100

153 113.0 91.9 137.9

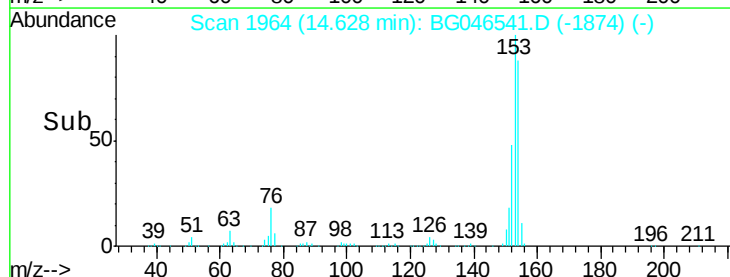
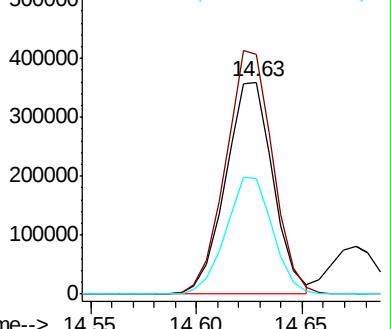
152 54.9 43.8 65.6

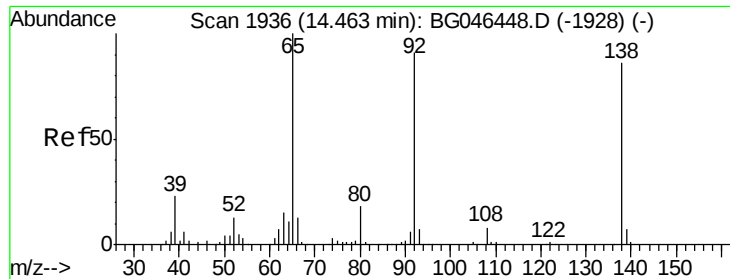


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

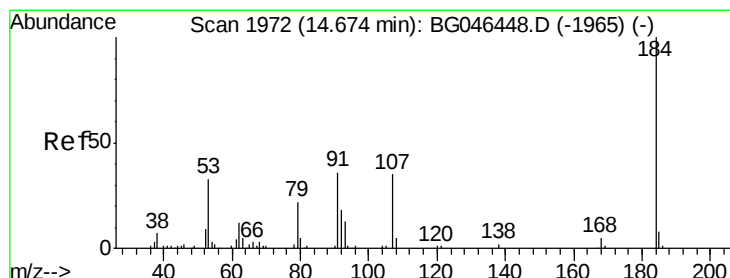
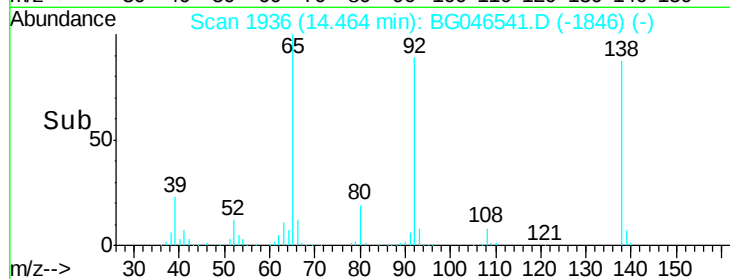
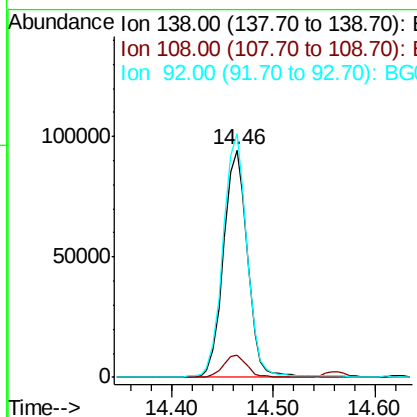
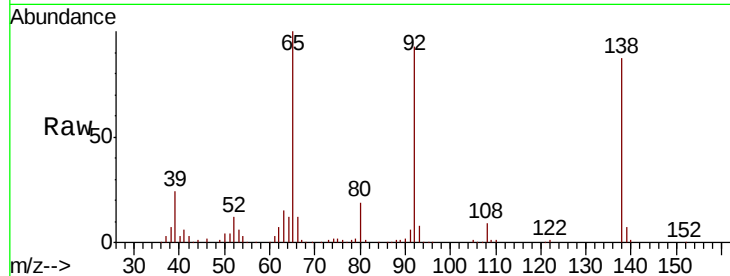




#53
3-Nitroaniline
Concen: 41.641 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

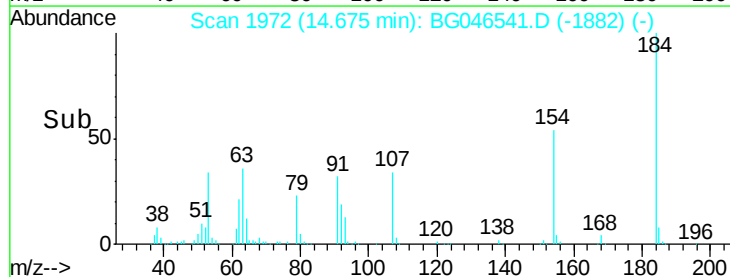
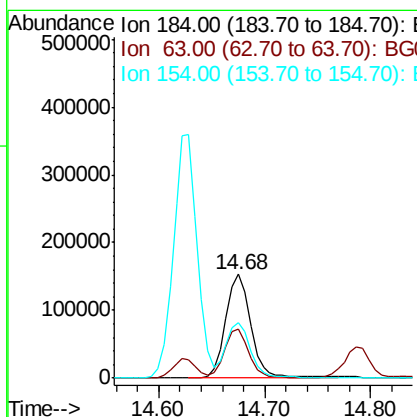
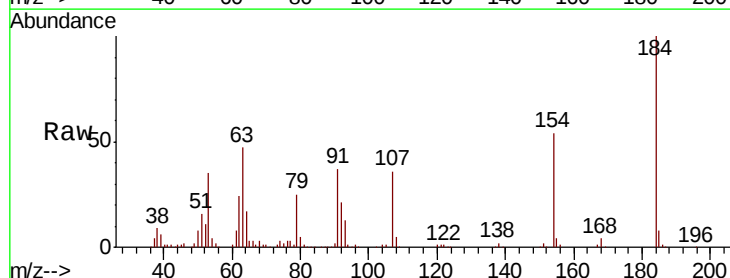
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

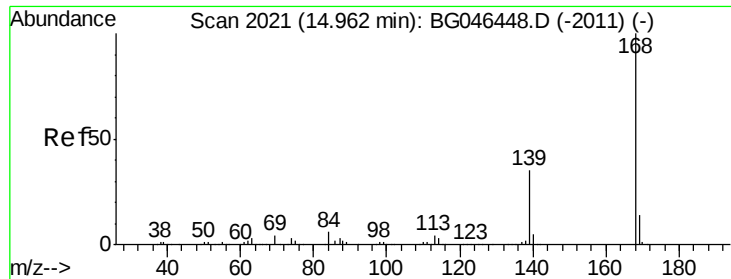
Tot Ion:138 Resp: 155147
Ion Ratio Lower Upper
138 100
108 9.9 7.0 10.6
92 107.1 84.6 127.0



#54
2,4-Dinitrophenol
Concen: 127.036 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:184 Resp: 255054
Ion Ratio Lower Upper
184 100
63 47.1 35.6 53.4
154 53.6 44.3 66.5

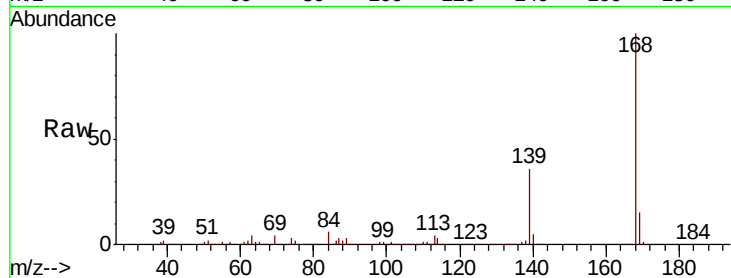




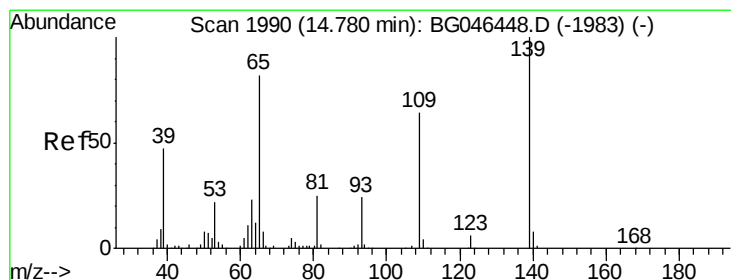
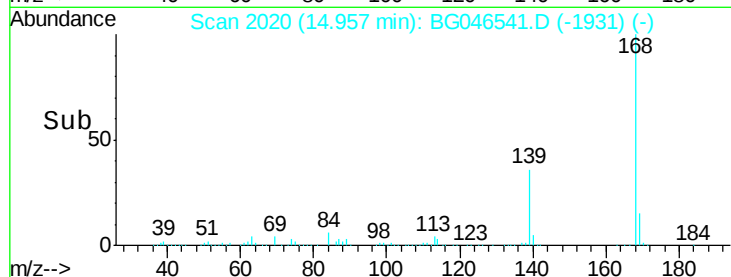
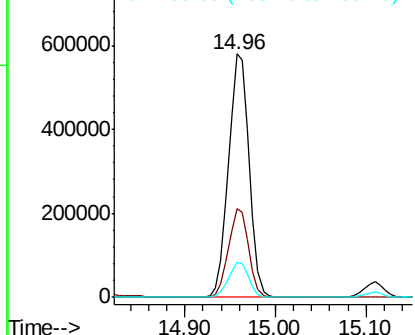
#55
Dibenzofuran
Concen: 50.949 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion:168 Resp: 914449
Ion Ratio Lower Upper
168 100
139 36.5 28.1 42.1
169 14.6 11.5 17.3

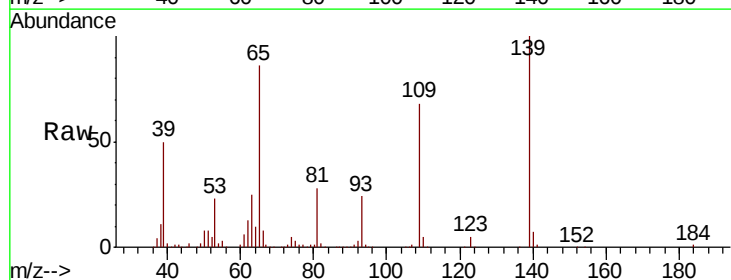


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

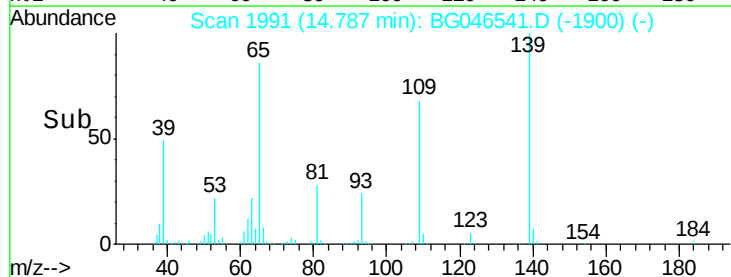
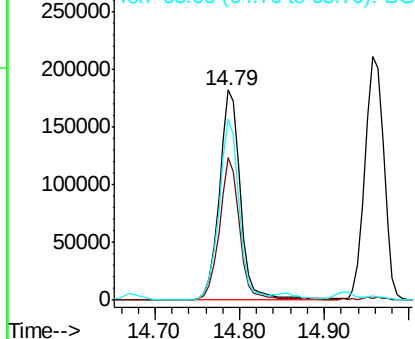


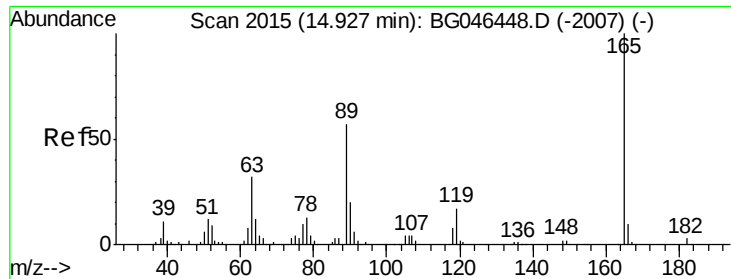
#56
4-Nitrophenol
Concen: 115.680 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:139 Resp: 317199
Ion Ratio Lower Upper
139 100
109 67.8 44.3 84.3
65 86.1 61.5 101.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO





#57

2,4-Dinitrotoluene

Concen: 54.935 ng

RT: 14.92 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

Tot Ion:165 Resp: 269428

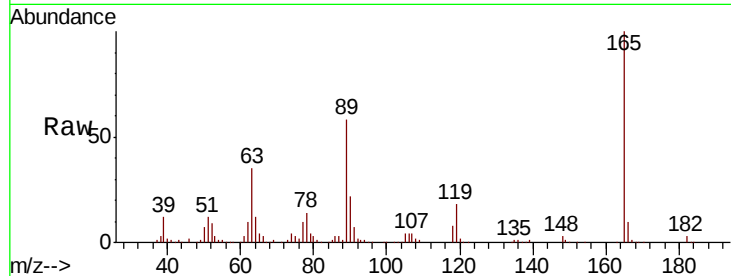
Ion Ratio Lower Upper

165 100

63 34.9 25.4 38.0

89 58.3 45.9 68.9

182 2.8 2.3 3.5

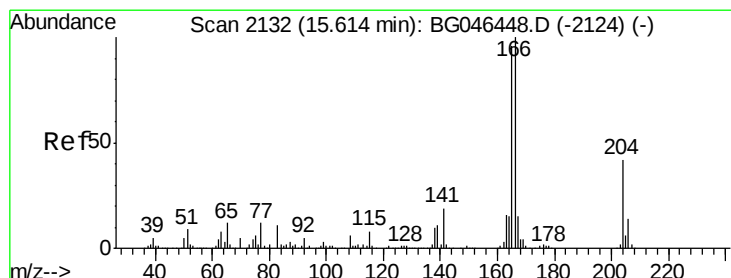
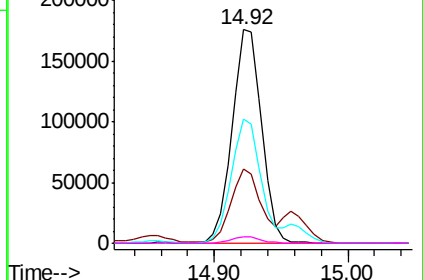
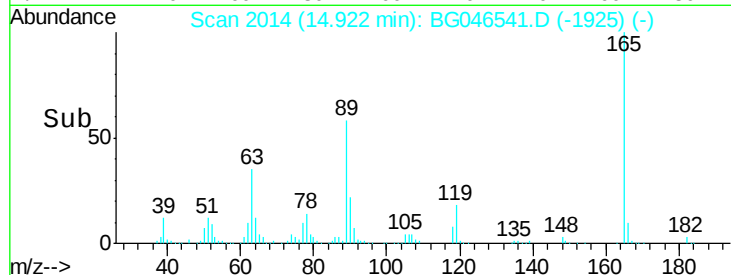


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 51.867 ng

RT: 15.61 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

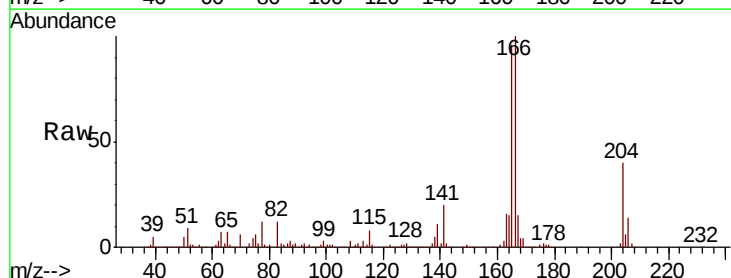
Tgt Ion:166 Resp: 781316

Ion Ratio Lower Upper

166 100

165 95.8 77.0 115.4

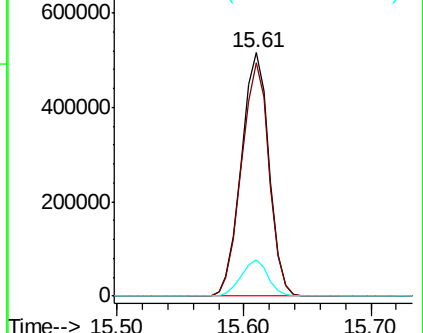
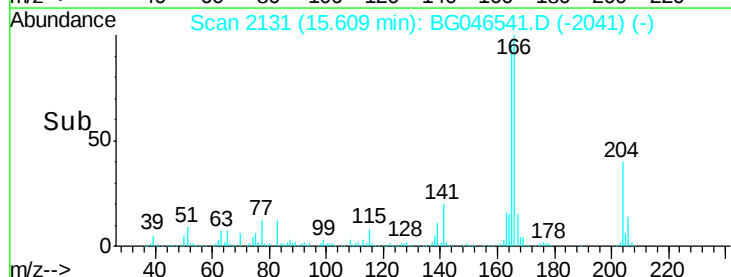
167 14.7 11.8 17.6

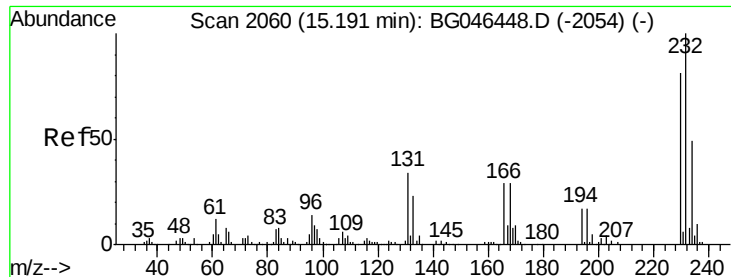


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.433 ng

RT: 15.19 min Scan# 2060

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

Tot Ion:232 Resp: 253844

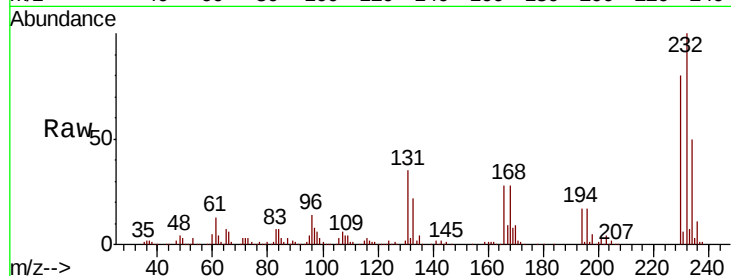
Ion Ratio Lower Upper

232 100

131 34.8 26.8 40.2

130 1.9 1.4 2.2

166 27.5 22.8 34.2

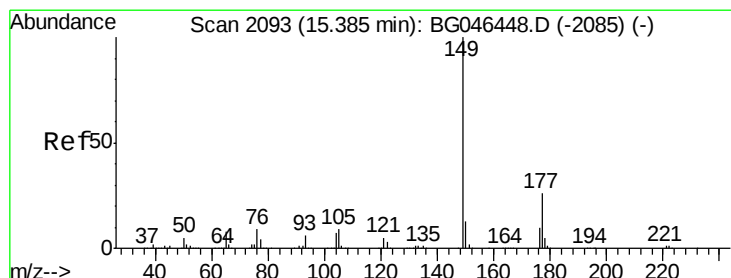
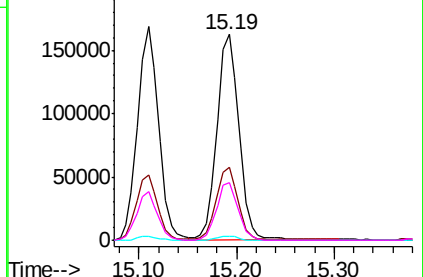
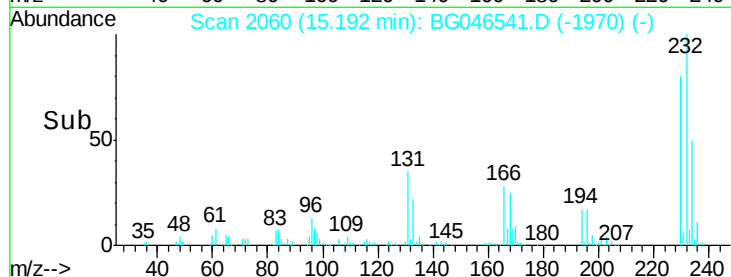


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 52.754 ng

RT: 15.38 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

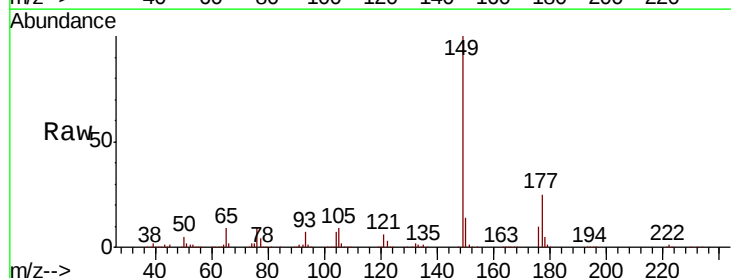
Tgt Ion:149 Resp: 802572

Ion Ratio Lower Upper

149 100

177 25.5 20.6 30.8

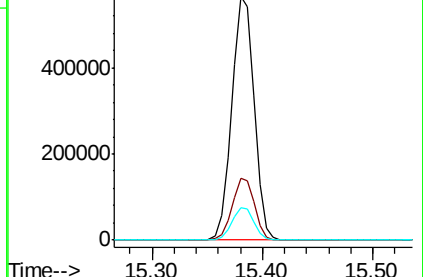
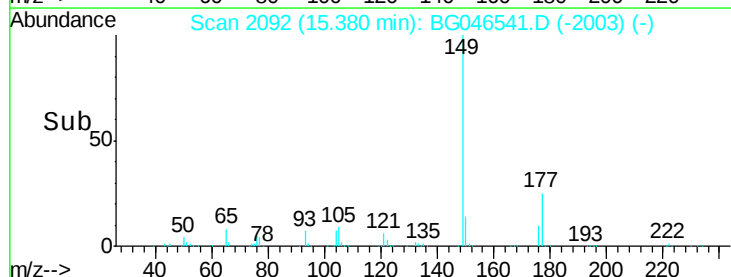
150 13.6 10.3 15.5

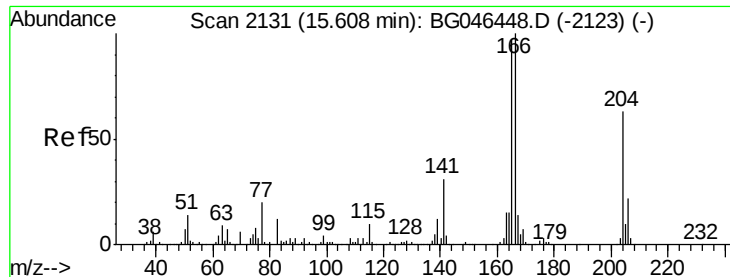


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

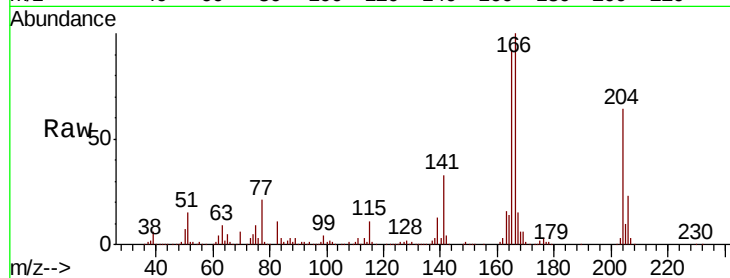




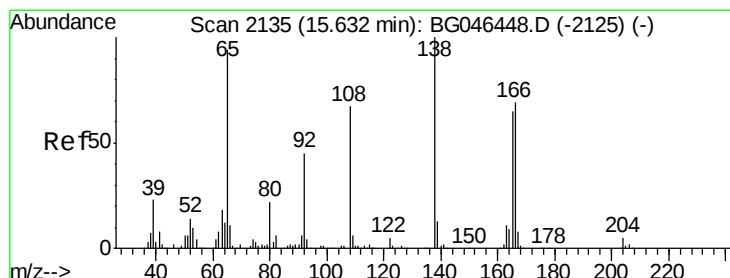
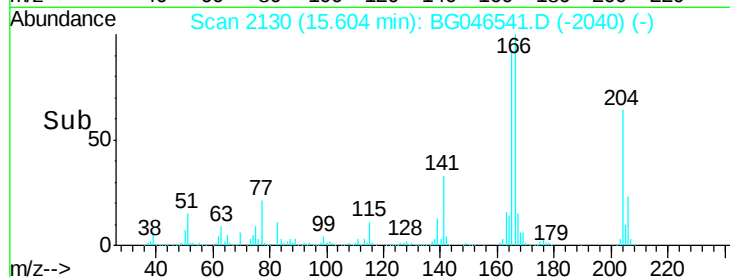
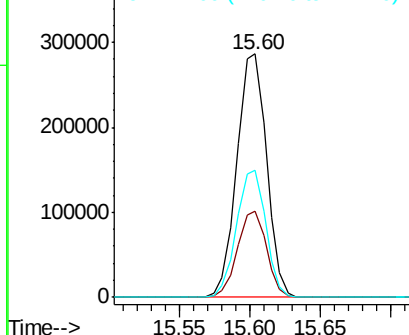
#61
4-Chlorophenyl-phenylether
Concen: 50.719 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion:204 Resp: 420781
Ion Ratio Lower Upper
204 100
206 35.4 27.7 41.5
141 52.0 38.7 58.1

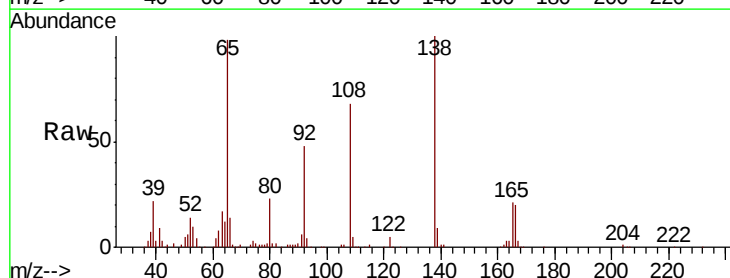


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

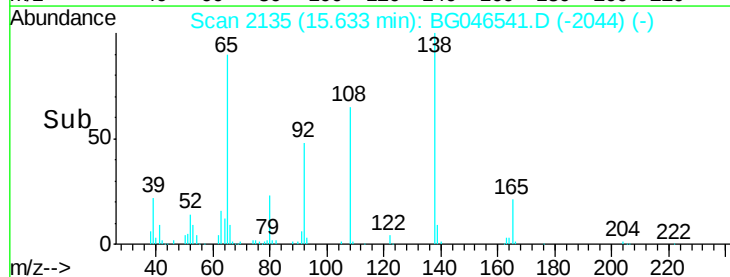
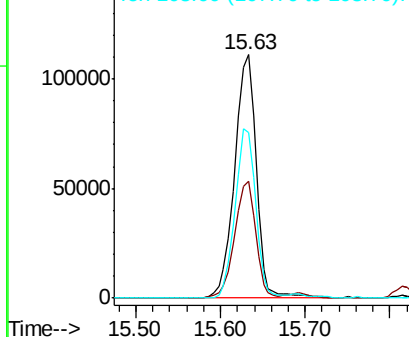


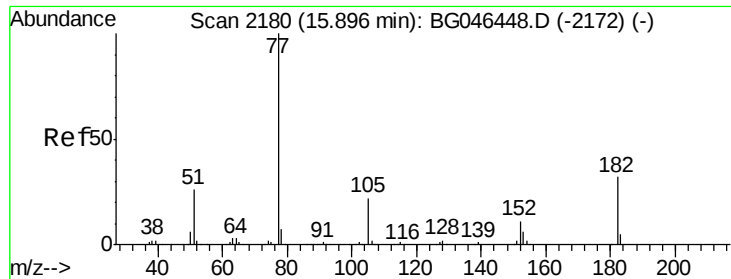
#62
4-Nitroaniline
Concen: 49.884 ng
RT: 15.63 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:138 Resp: 196107
Ion Ratio Lower Upper
138 100
92 48.2 25.3 65.3
108 68.1 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

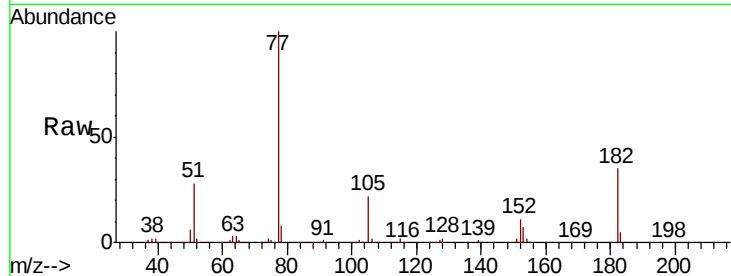




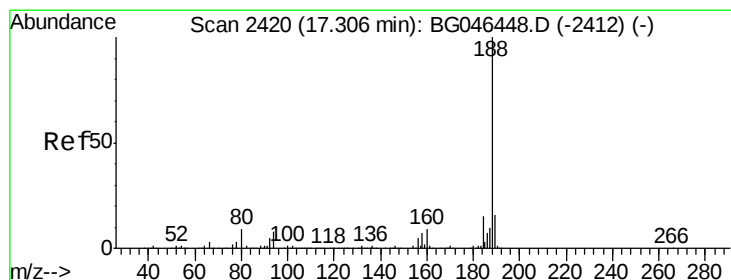
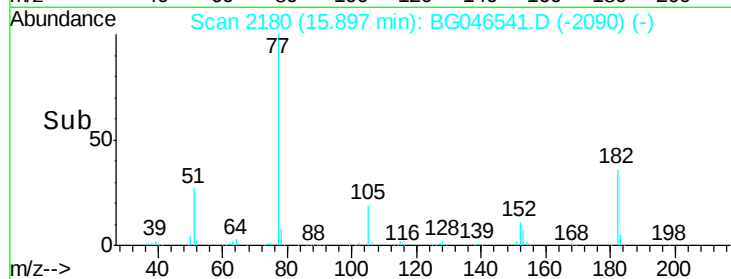
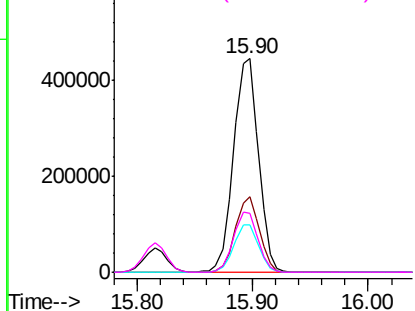
#63
Azobenzene
Concen: 53.777 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion:	77	Resp:	665508
Ion	Ratio	Lower	Upper
77	100		
182	35.2	12.3	52.3
105	22.5	2.3	42.3
51	27.7	6.5	46.5

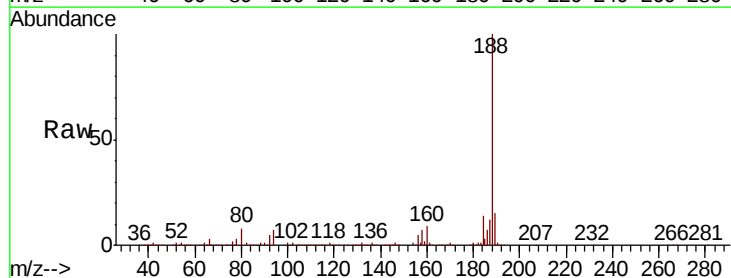


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

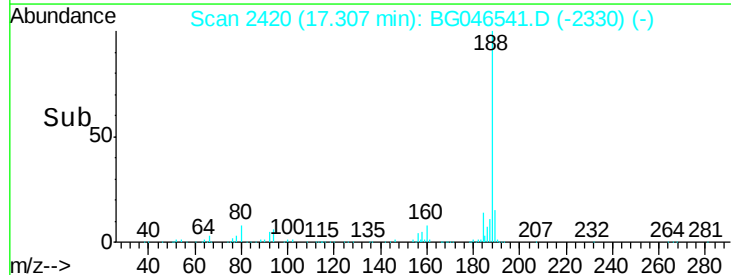
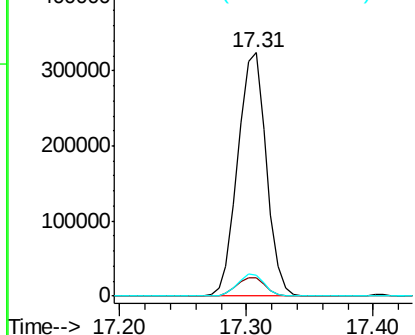


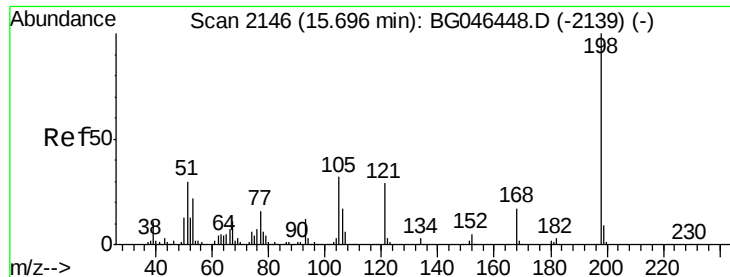
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:	188	Resp:	503312
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.4	6.9	10.3



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 64.727 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

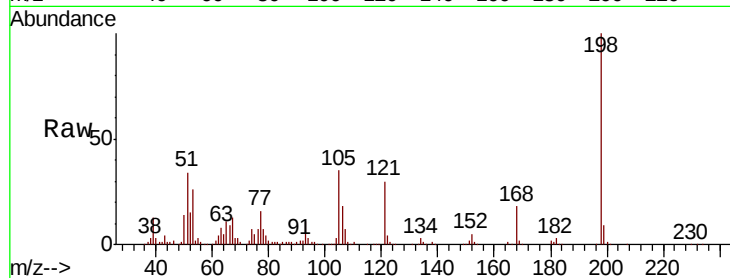
Tot Ion:198 Resp: 184393

Ion	Ratio	Lower	Upper
198	100		
51	33.9	10.4	50.4
105	34.8	12.4	52.4

198 100

51 33.9 10.4 50.4

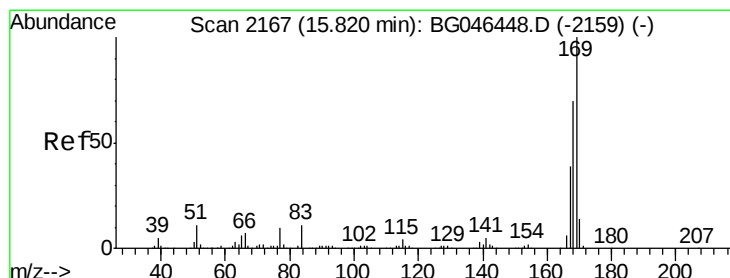
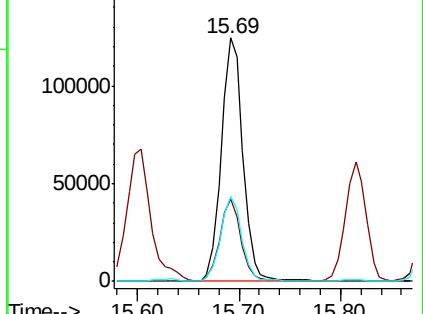
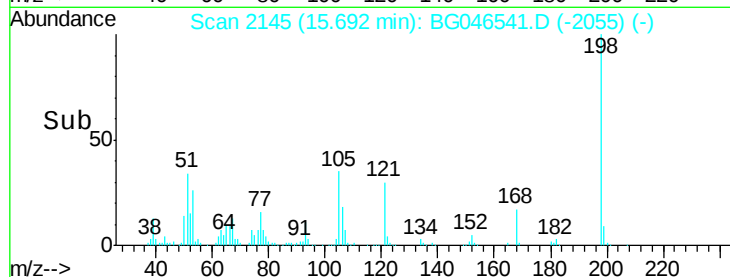
105 34.8 12.4 52.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG046541.D (-2055) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 53.198 ng

RT: 15.82 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

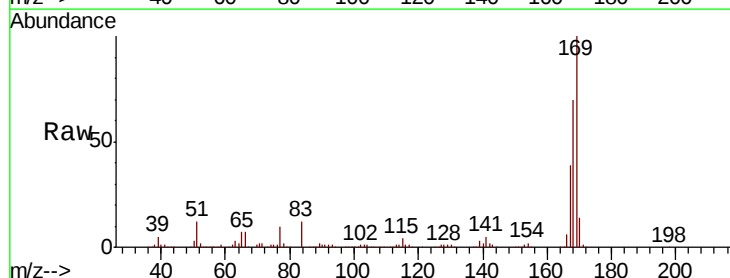
Tgt Ion:169 Resp: 722339

Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.8	83.8
167	39.0	31.0	46.6

169 100

168 69.7 55.8 83.8

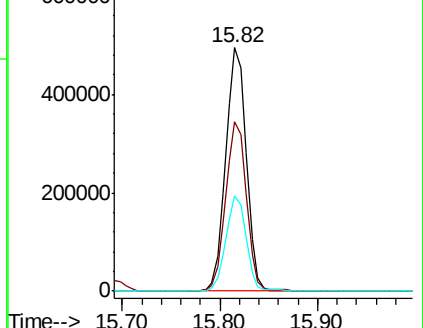
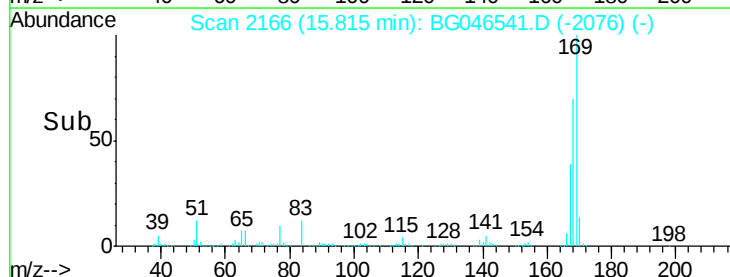
167 39.0 31.0 46.6

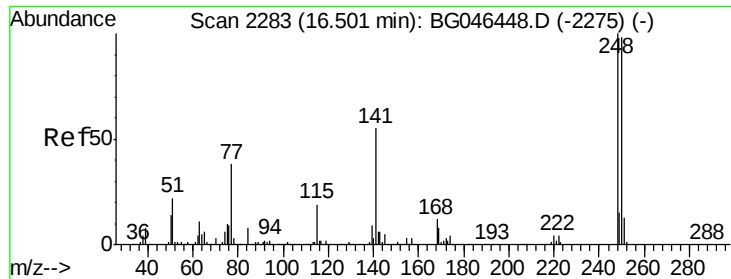


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

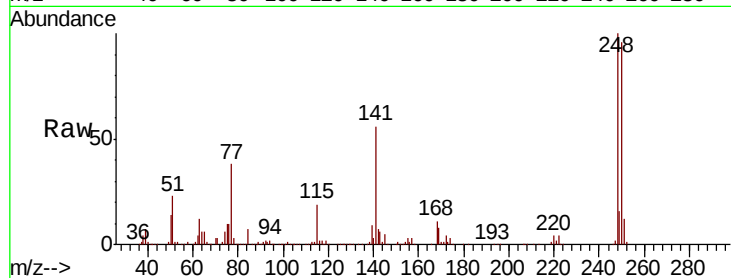




#67
4-Bromophenyl-phenylether
Concen: 51.597 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.6	118.0
141	56.0	43.9	65.9

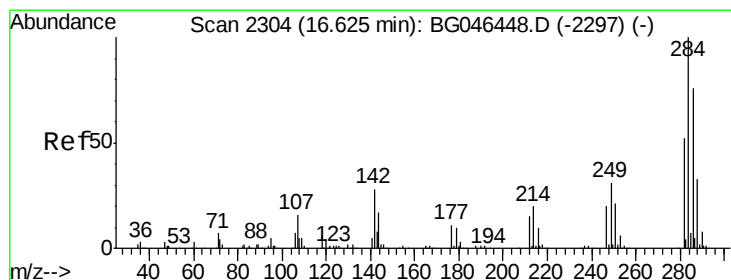
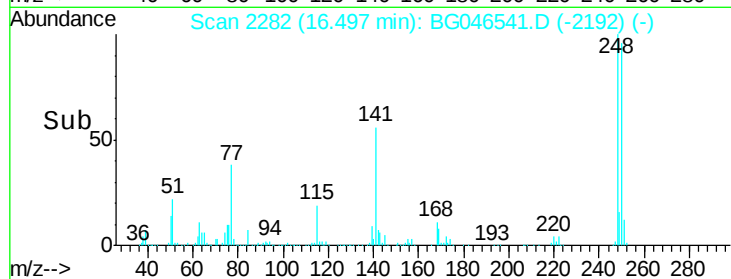
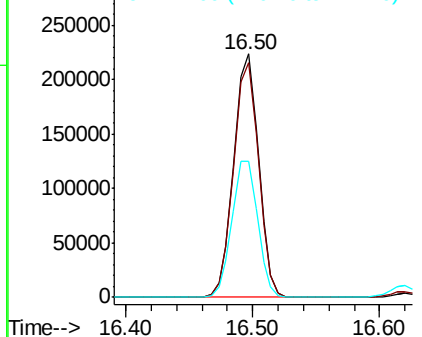


Abundance

Ion 248.00 (247.70 to 248.70): E

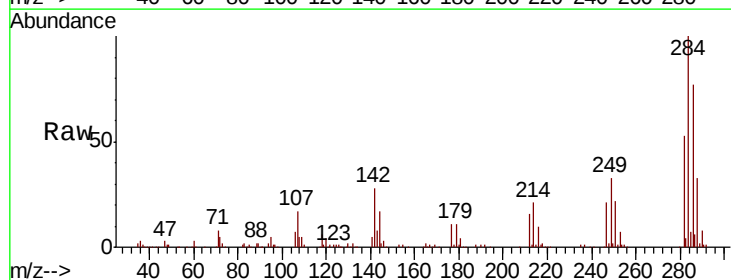
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.915 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	22.3	33.5
249	33.3	24.8	37.2

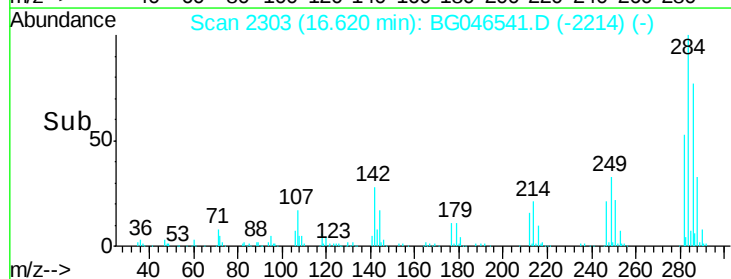
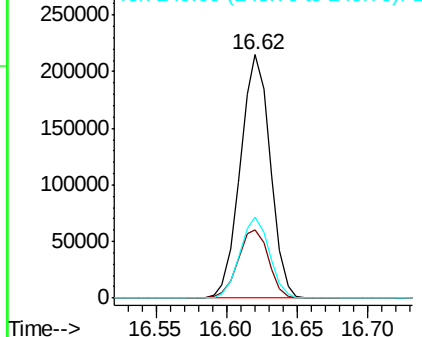


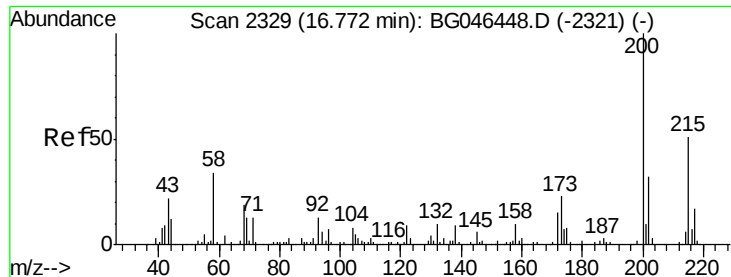
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.511 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

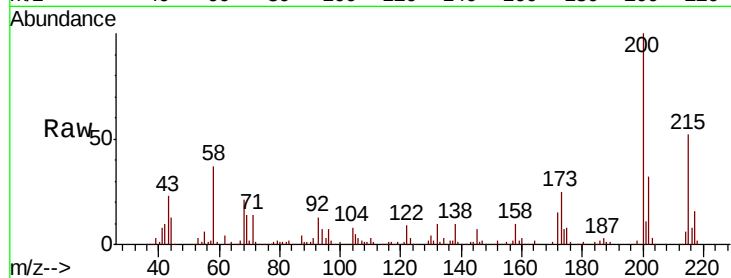
Tot Ion:200 Resp: 235481

Ion Ratio Lower Upper

200 100

173 24.8 3.3 43.3

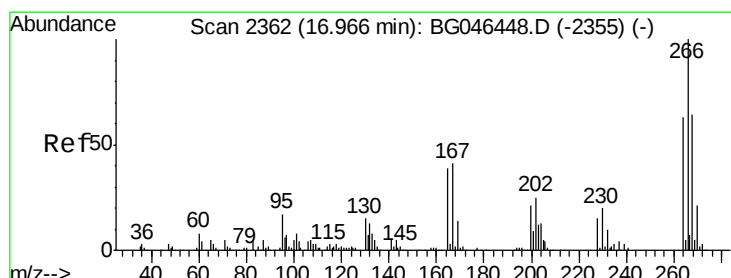
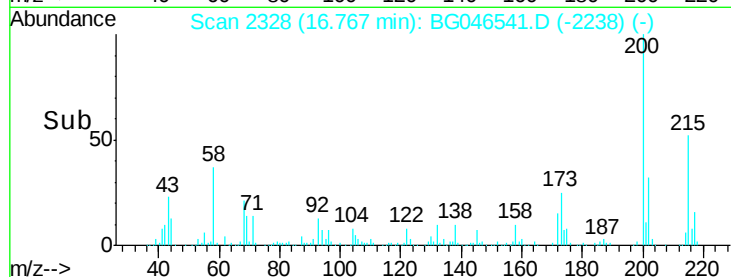
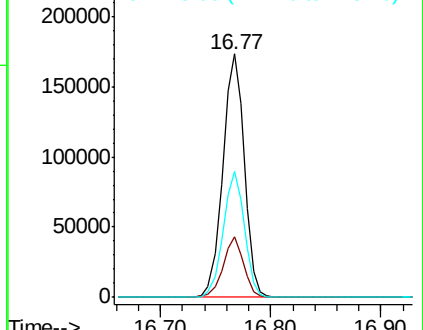
215 51.8 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 115.490 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

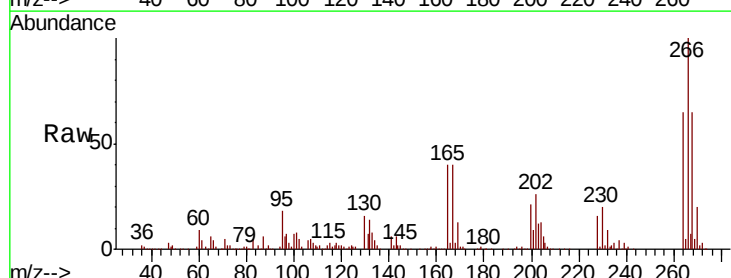
Tgt Ion:266 Resp: 392409

Ion Ratio Lower Upper

266 100

268 65.4 51.1 76.7

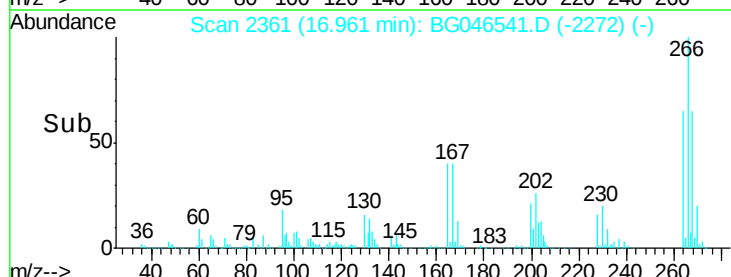
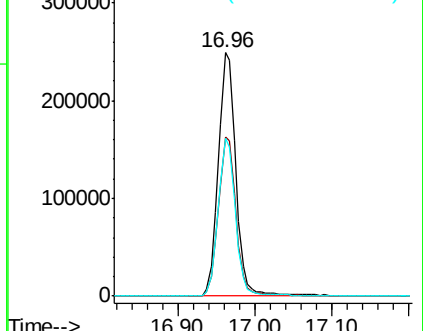
264 64.8 50.2 75.2

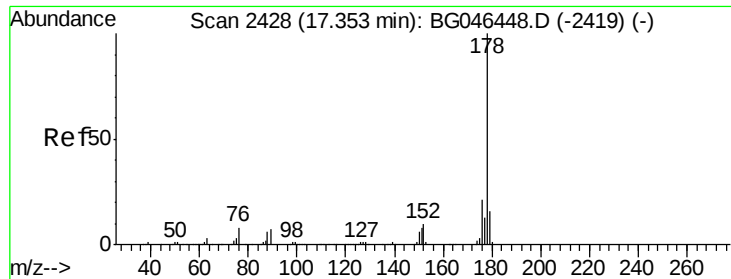


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

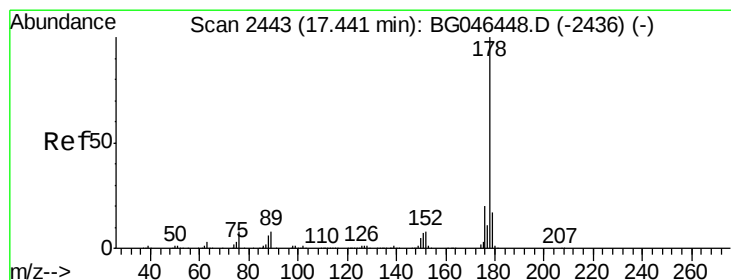
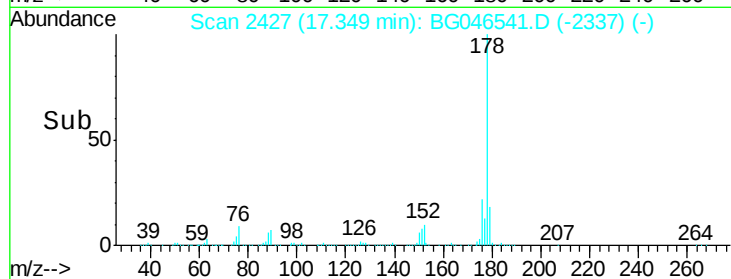
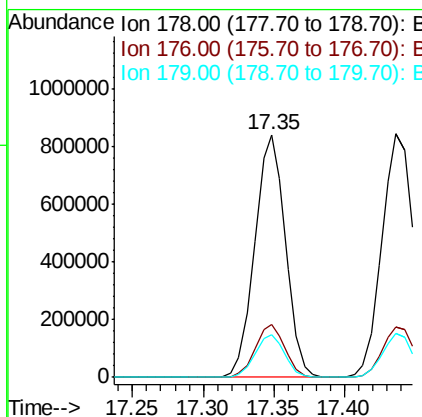
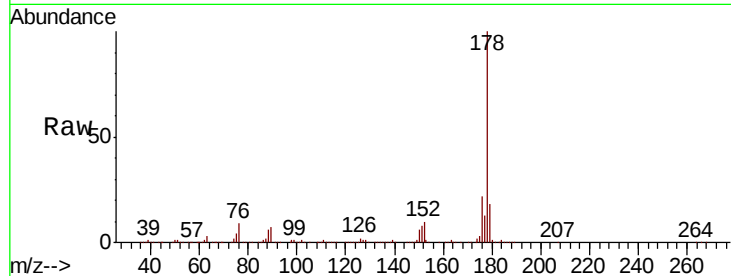




#71
Phenanthrene
Concen: 50.254 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

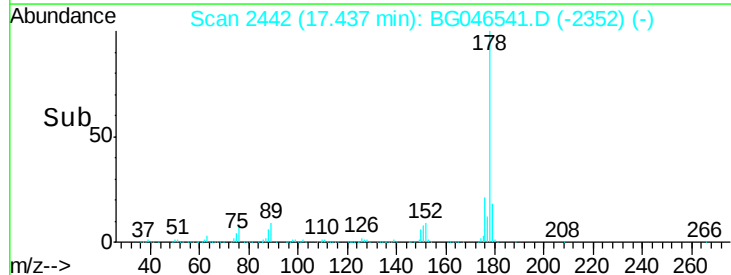
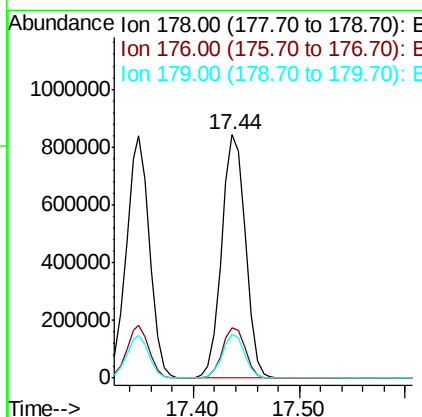
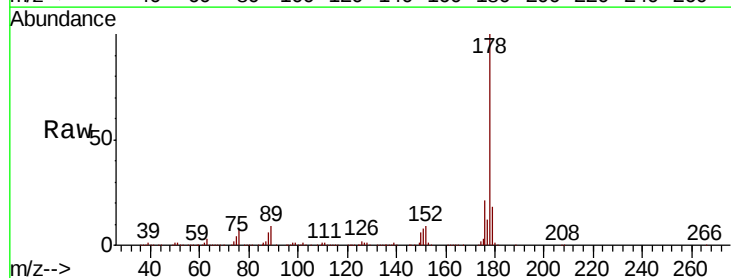
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

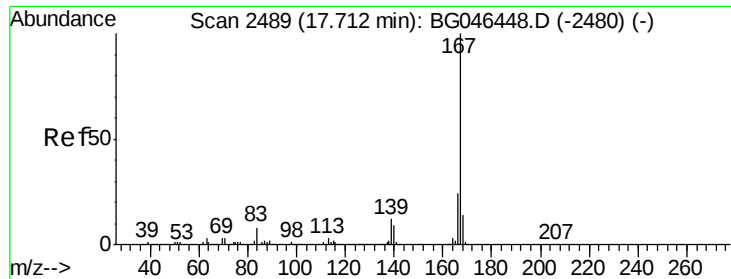
Tot Ion:178 Resp: 1282043
Ion Ratio Lower Upper
178 100
176 21.7 16.8 25.2
179 17.5 13.2 19.8



#72
Anthracene
Concen: 52.154 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:178 Resp: 1312727
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 18.0 13.3 19.9



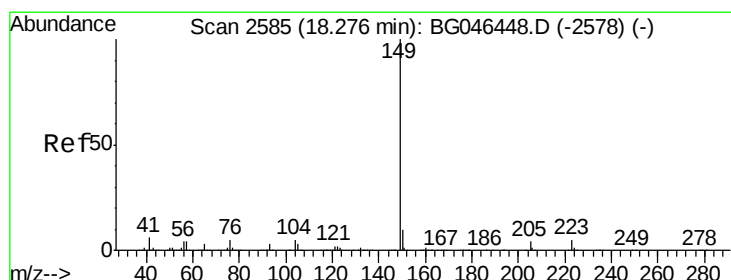
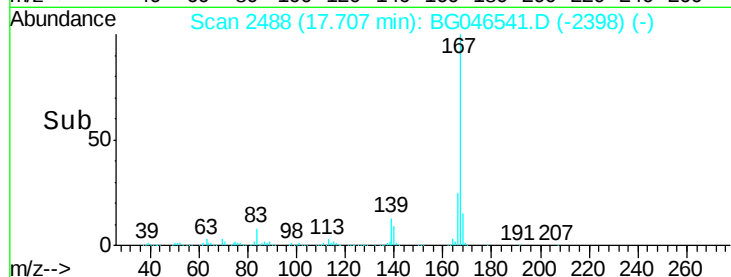
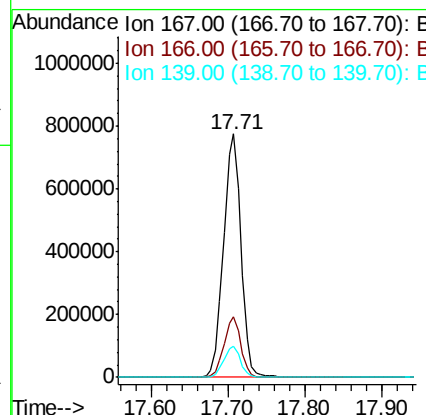
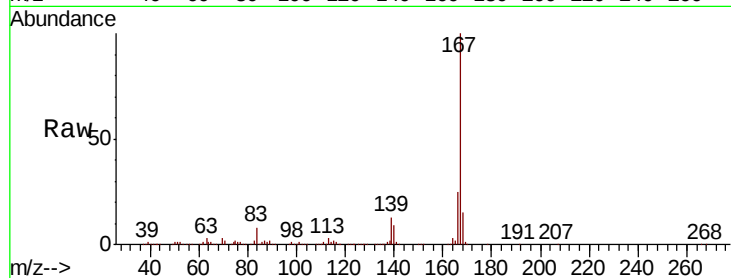


#73
 Carbazole
 Concen: 50.969 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

Tot Ion:167 Resp: 1211277

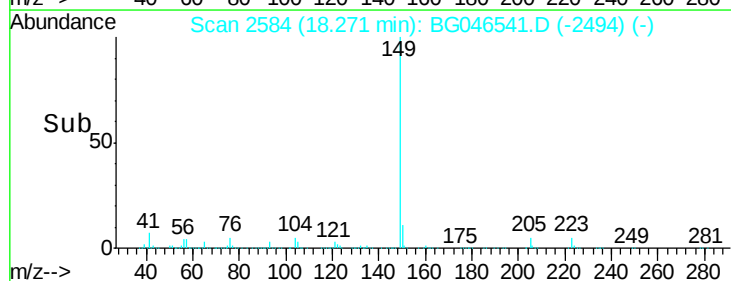
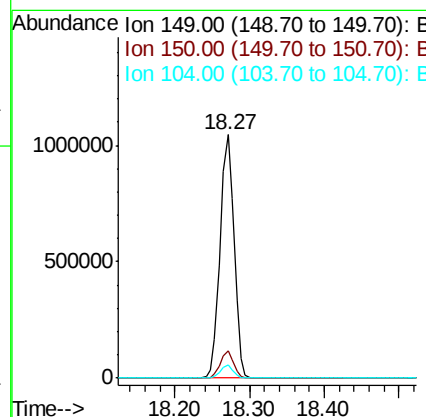
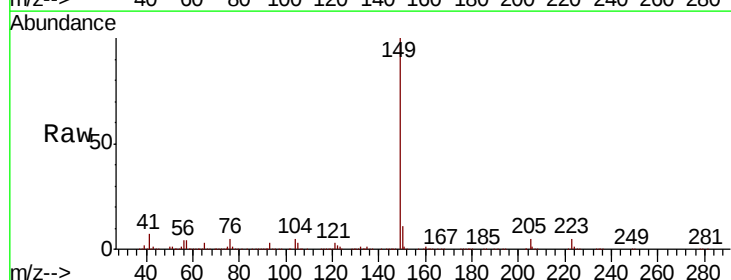
Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.3	28.9
139	12.7	9.7	14.5

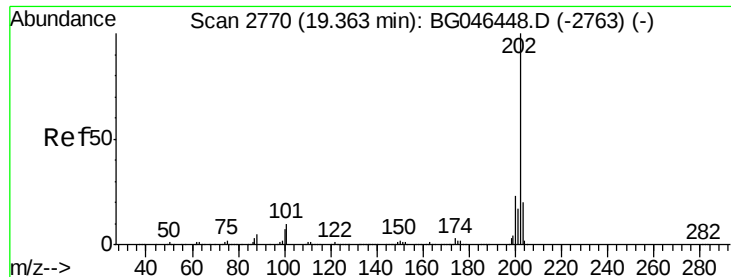


#74
 Di-n-butylphthalate
 Concen: 49.680 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion:149 Resp: 1357616

Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.1	12.1
104	5.4	4.0	6.0





#75

Fluoranthene

Concen: 48.228 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

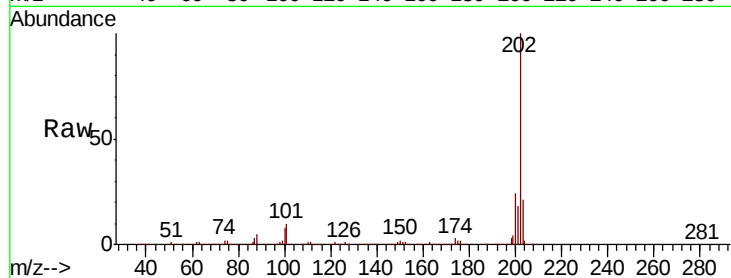
Tot Ion:202 Resp: 1583357

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.9

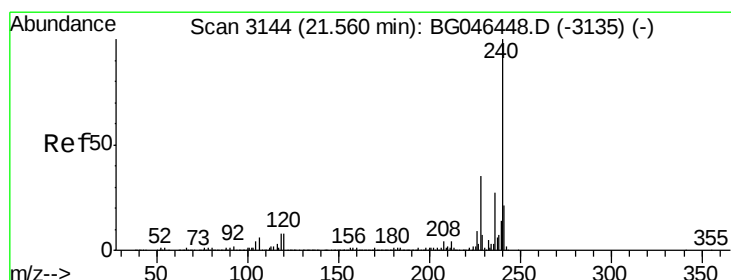
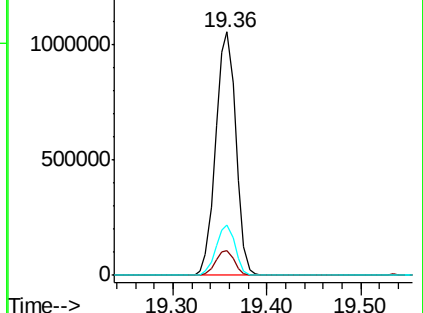
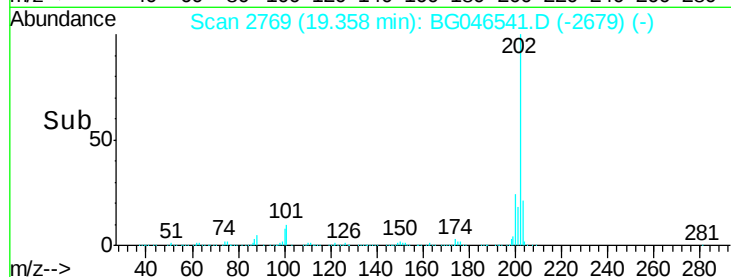
203 20.6 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

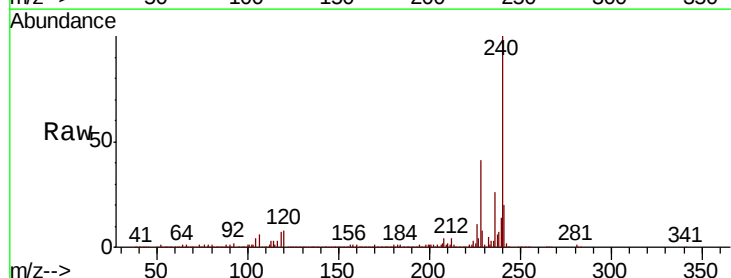
Tgt Ion:240 Resp: 483080

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

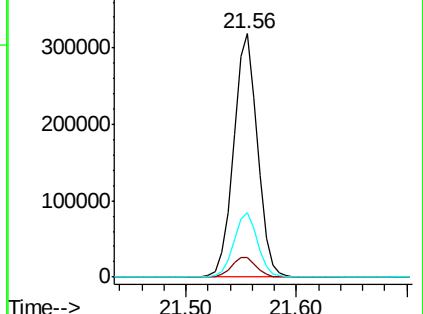
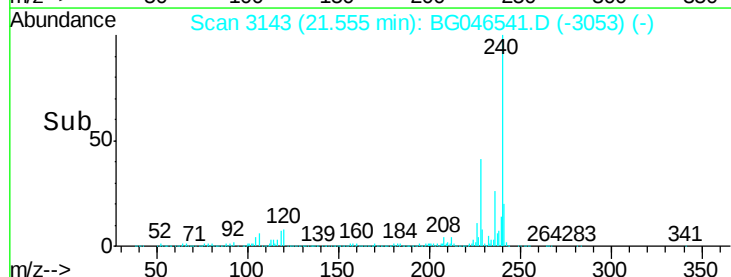
236 26.5 21.4 32.2

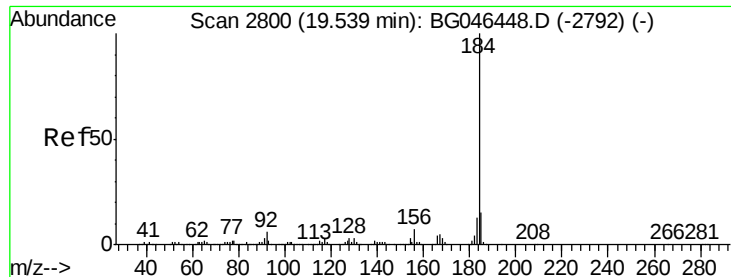


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 94.502 ng

RT: 19.53 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

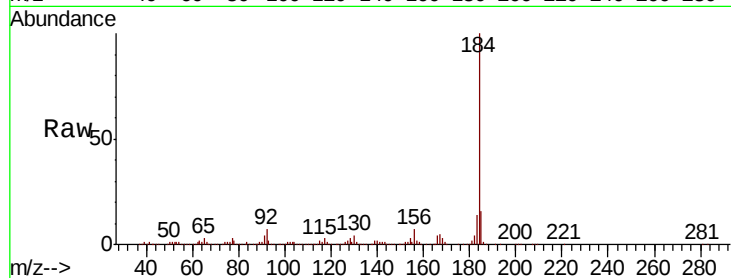
Tot Ion:184 Resp: 1060808

Ion Ratio Lower Upper

184 100

185 16.2 11.8 17.8

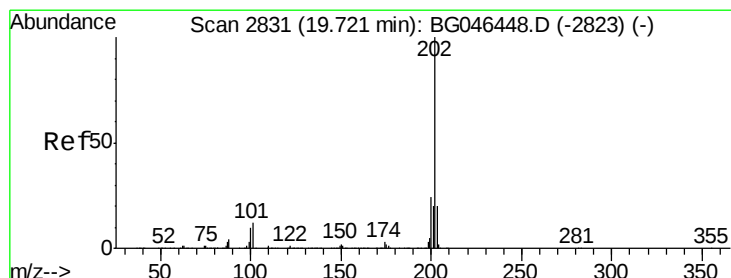
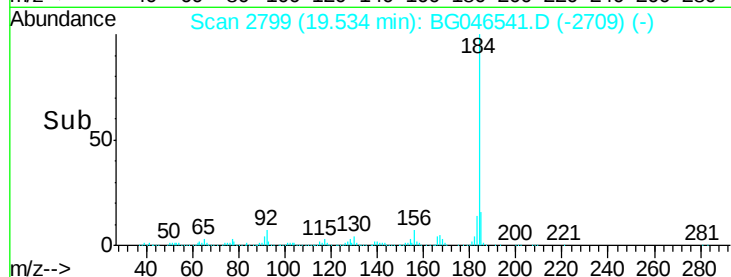
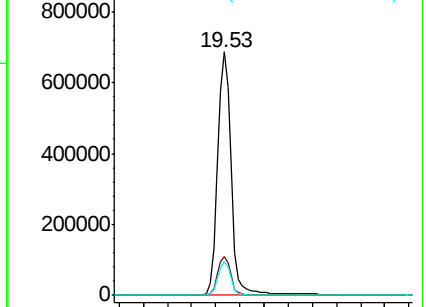
183 14.1 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.033 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

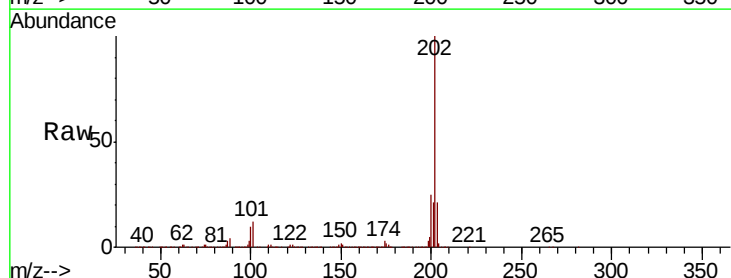
Tgt Ion:202 Resp: 1569878

Ion Ratio Lower Upper

202 100

200 24.5 18.9 28.3

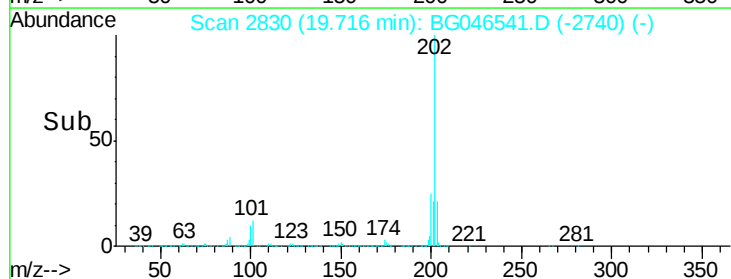
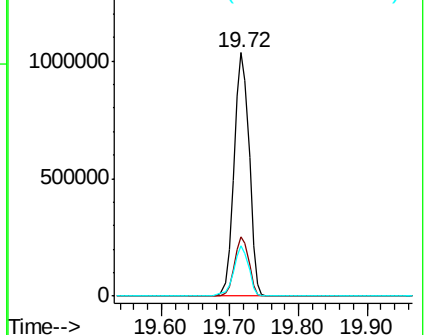
203 20.9 16.1 24.1

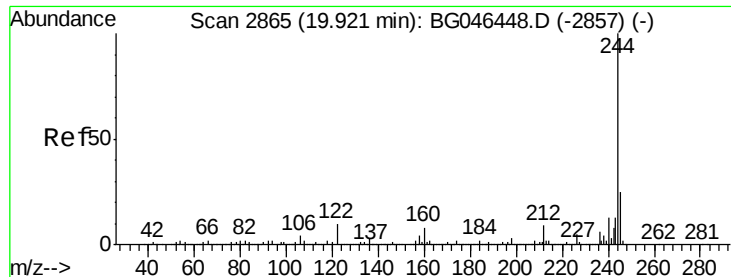


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 55.321 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

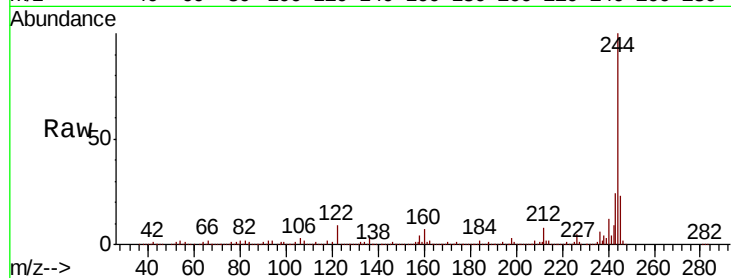
Tot Ion:244 Resp: 1255741

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

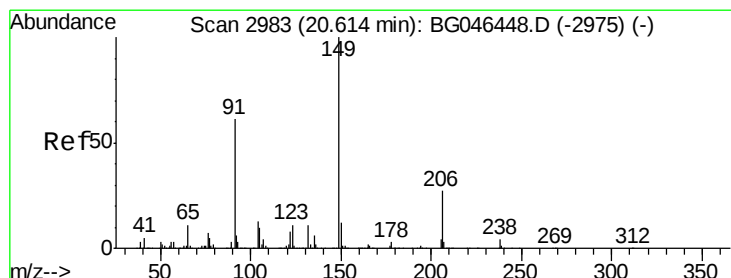
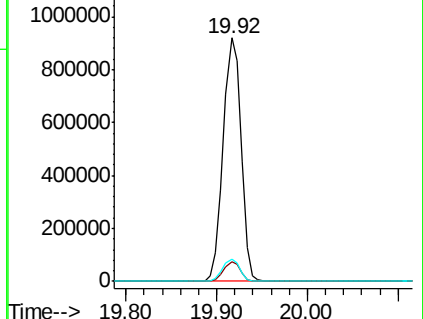
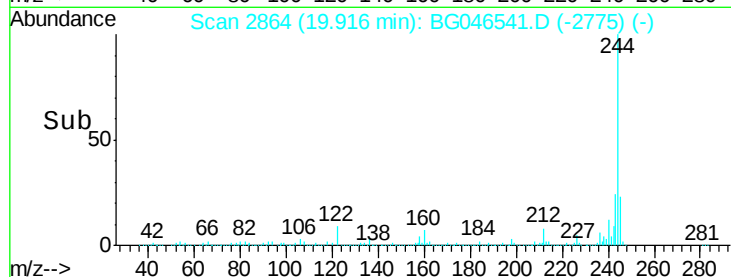
122 9.3 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.747 ng

RT: 20.61 min Scan# 2982

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

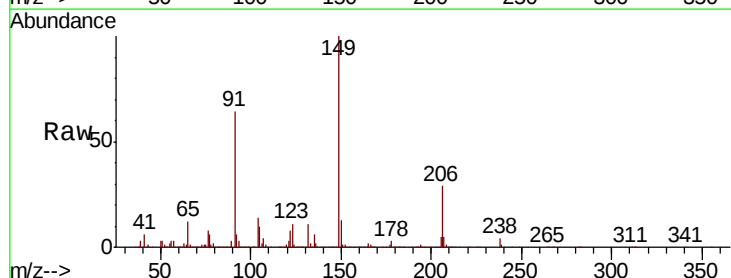
Tgt Ion:149 Resp: 620913

Ion Ratio Lower Upper

149 100

91 63.7 49.1 73.7

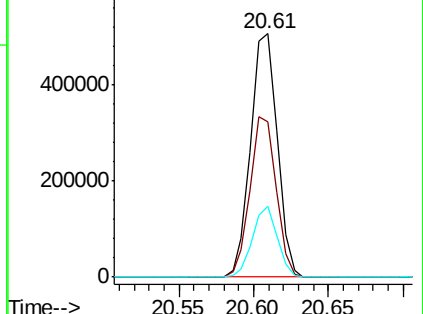
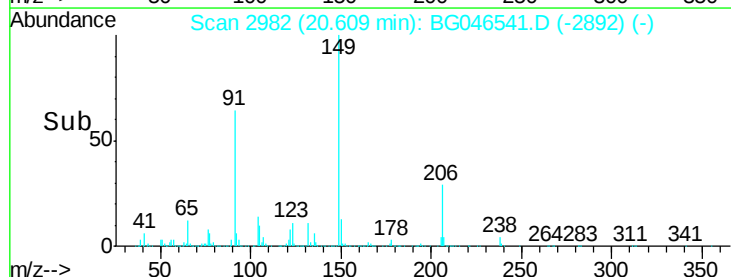
206 28.9 21.9 32.9

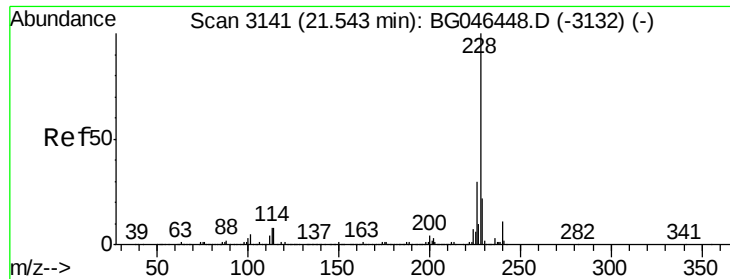


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

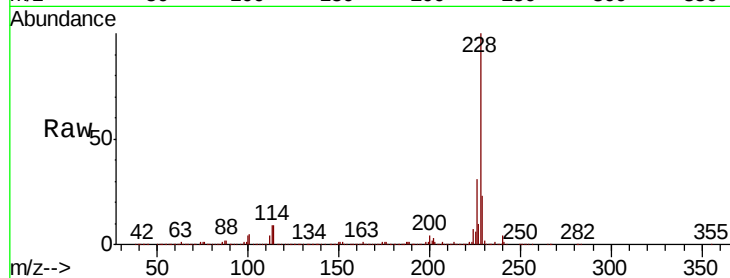




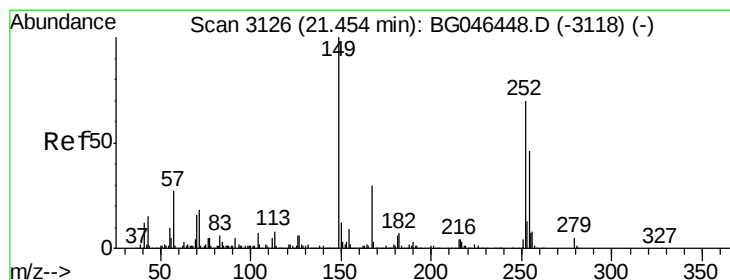
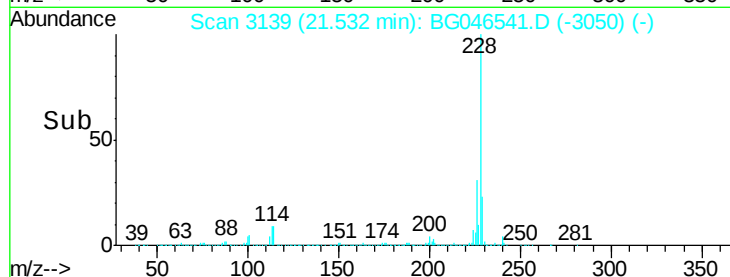
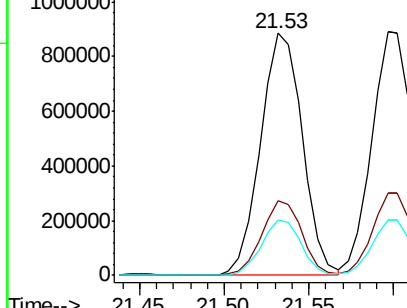
#81
Benzo(a)anthracene
Concen: 50.672 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion:228 Resp: 1525754
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 22.9 17.4 26.2

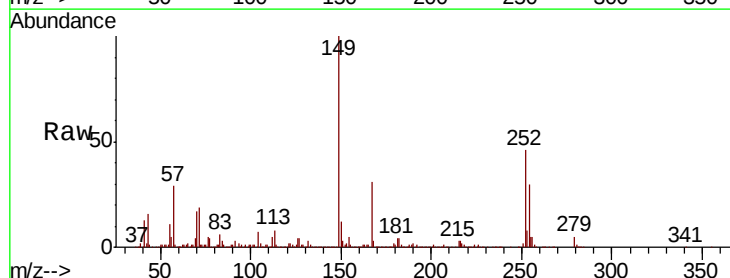


Abundance Ion 228.00 (227.70 to 228.70): E
1200000 Ion 226.00 (225.70 to 226.70): E
1000000 Ion 229.00 (228.70 to 229.70): E

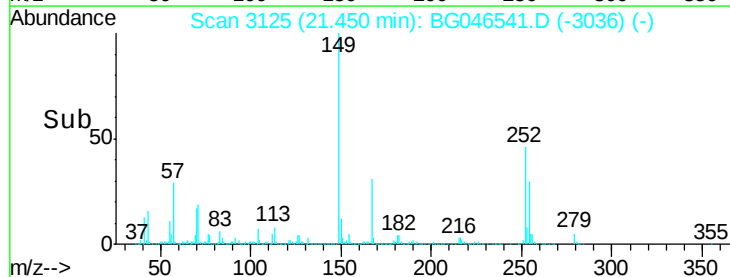
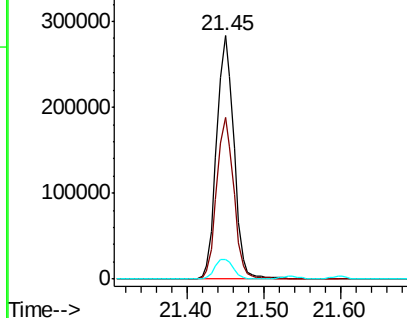


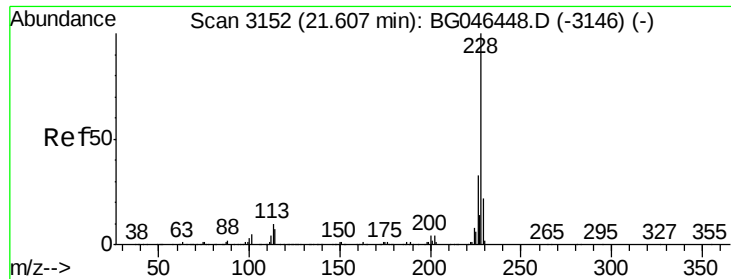
#82
3,3'-Dichlorobenzidine
Concen: 39.454 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:252 Resp: 440861
Ion Ratio Lower Upper
252 100
254 66.2 51.9 77.9
126 8.3 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
300000 Ion 254.00 (253.70 to 254.70): E
200000 Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.849 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

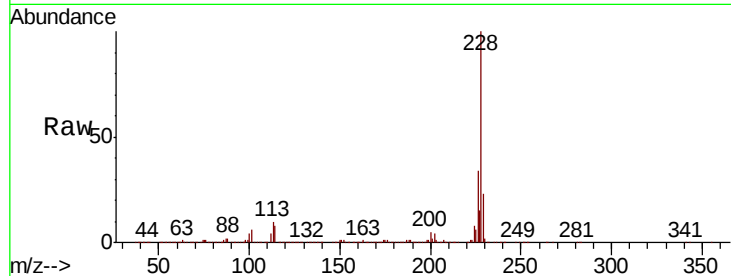
Tot Ion:228 Resp: 1472764

Ion Ratio Lower Upper

228 100

226 34.0 26.2 39.4

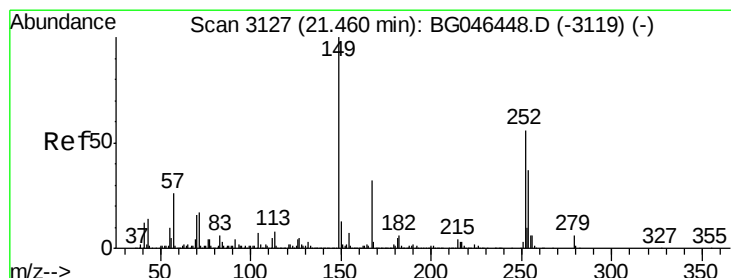
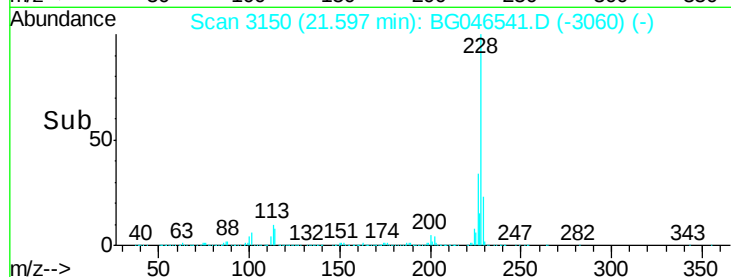
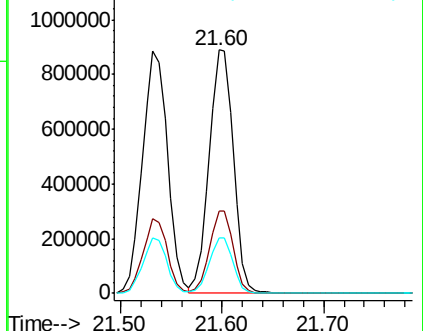
229 22.6 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.069 ng

RT: 21.46 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

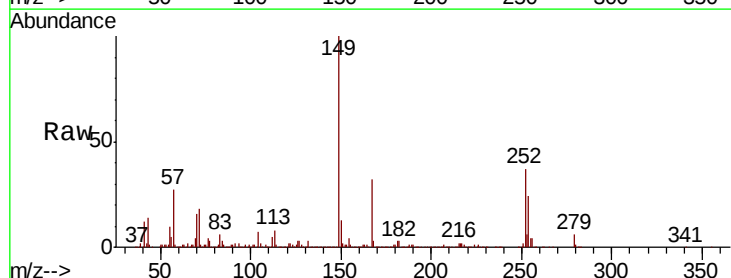
Tgt Ion:149 Resp: 868983

Ion Ratio Lower Upper

149 100

167 32.3 25.4 38.2

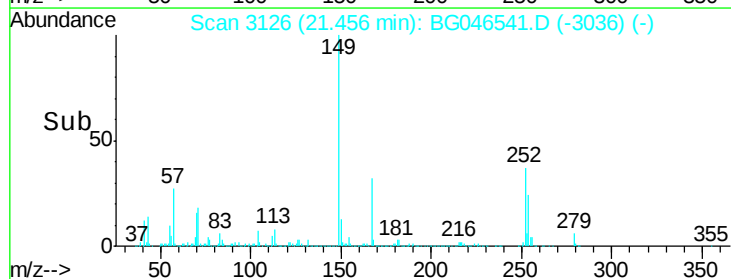
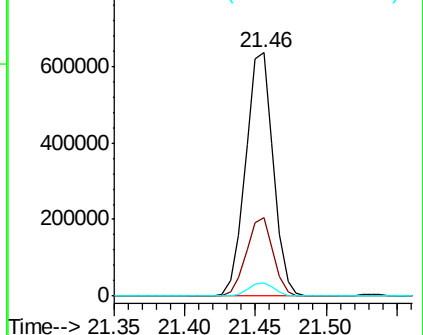
279 5.6 4.5 6.7

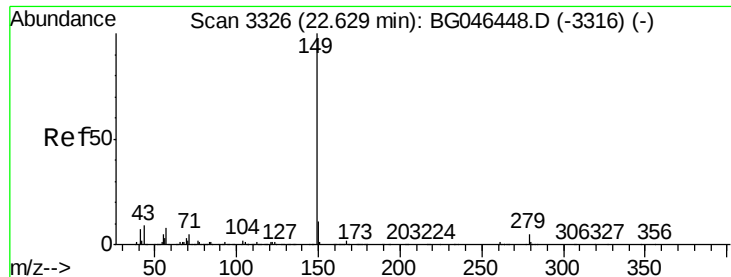


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.262 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MS

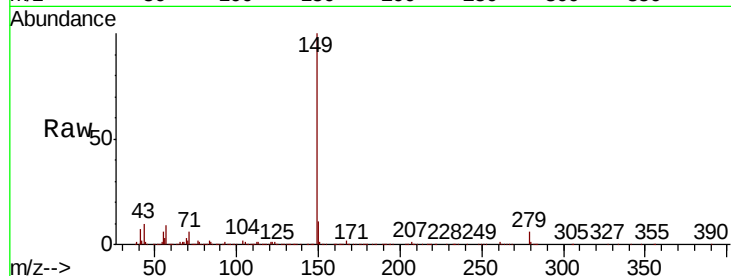
Tot Ion:149 Resp: 1493351

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

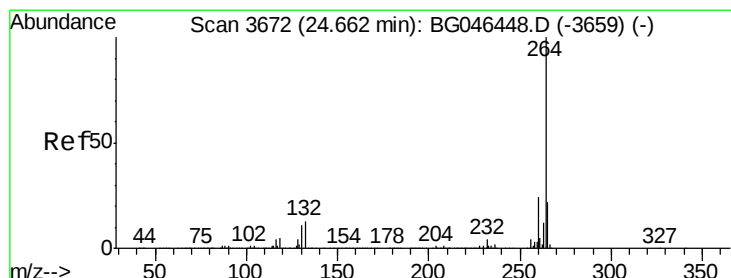
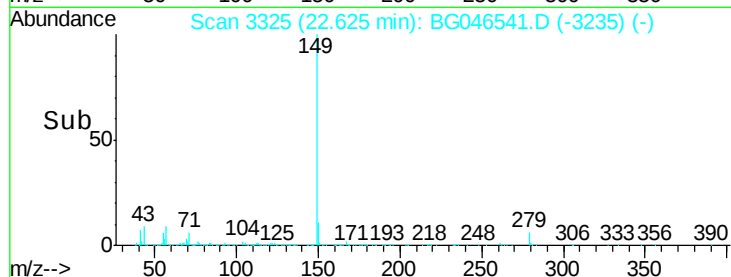
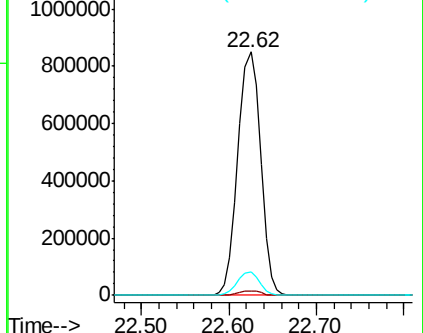
43 9.1 7.0 10.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046541.D

Acq: 4 Sep 2020 15:16

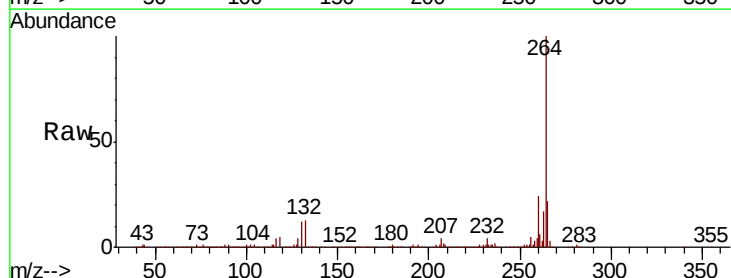
Tgt Ion:264 Resp: 491373

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

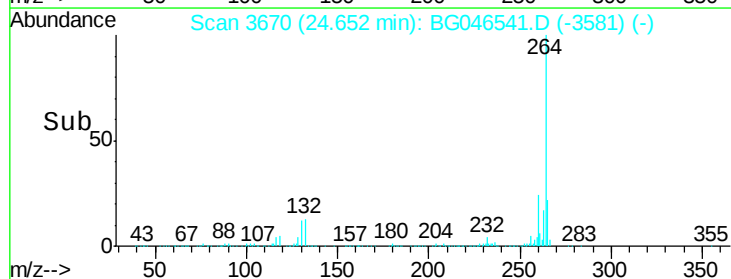
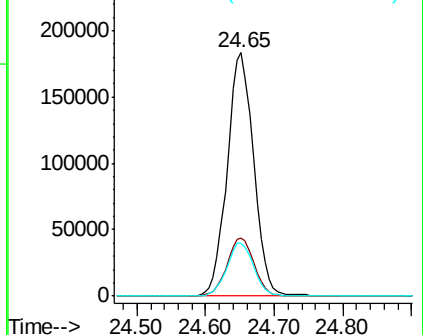
265 21.9 17.9 26.9

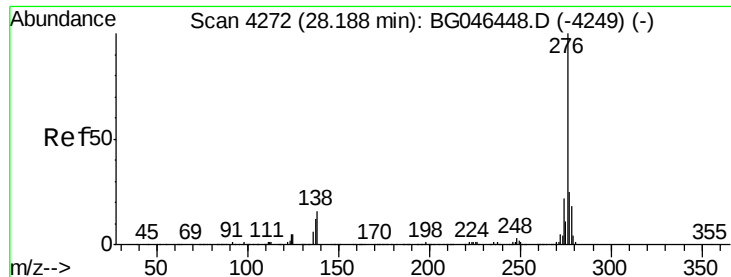


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

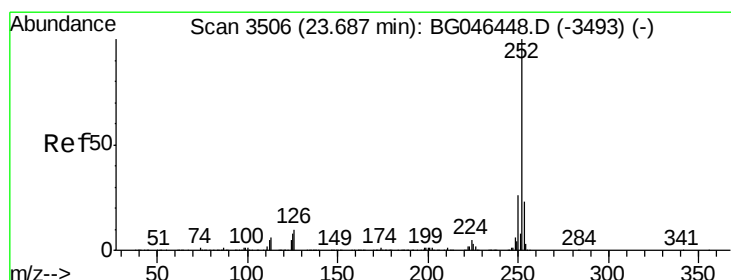
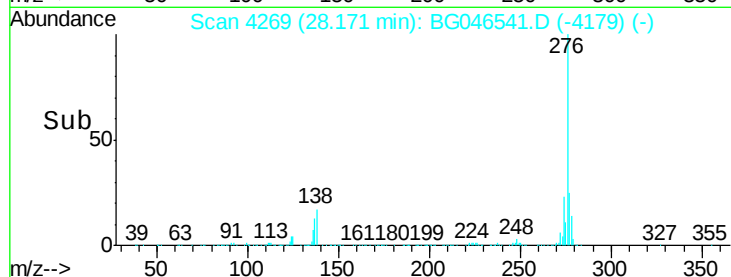
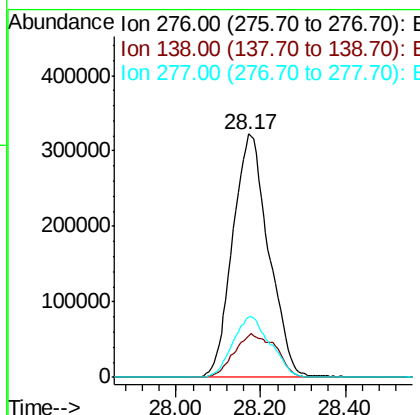
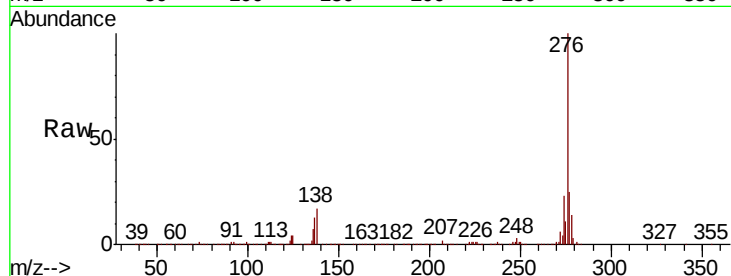




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.919 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

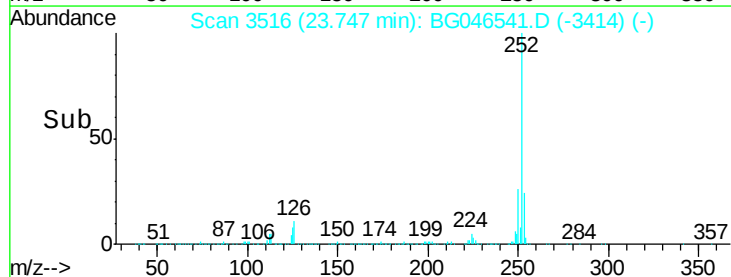
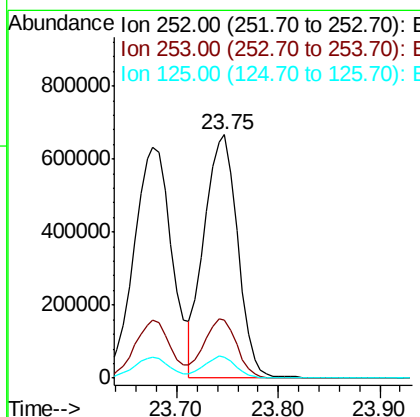
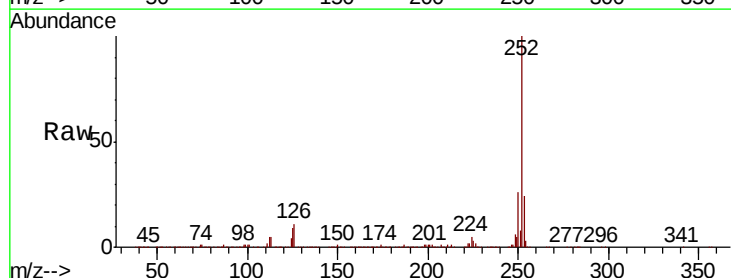
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MS

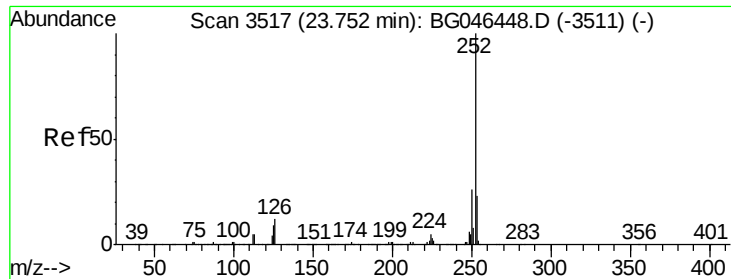
Tot Ion:276 Resp: 1902882
 Ion Ratio Lower Upper
 276 100
 138 20.8 16.5 24.7
 277 26.1 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 49.593 ng
 RT: 23.75 min Scan# 3516
 Delta R.T. 0.07 min
 Lab File: BG046541.D
 Acq: 4 Sep 2020 15:16

Tgt Ion:252 Resp: 1521624
 Ion Ratio Lower Upper
 252 100
 253 24.0 18.2 27.4
 125 8.5 6.2 9.2

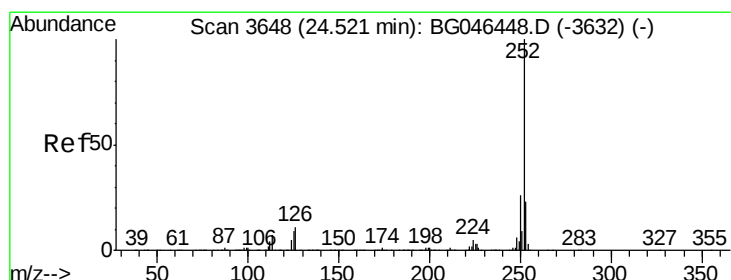
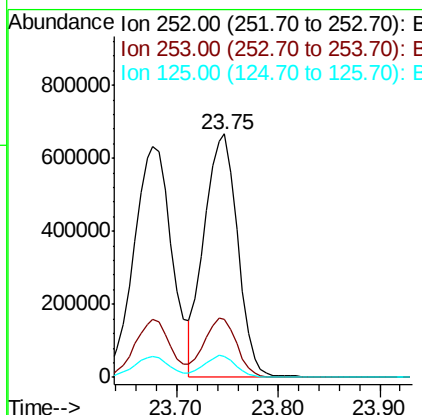
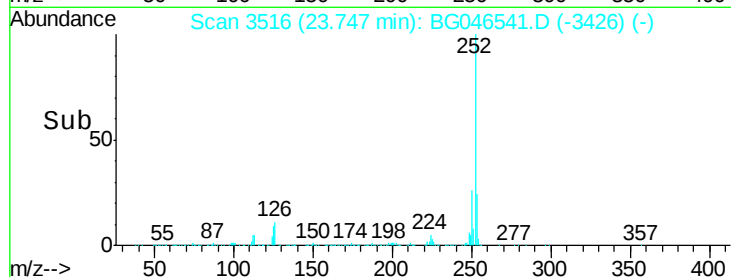
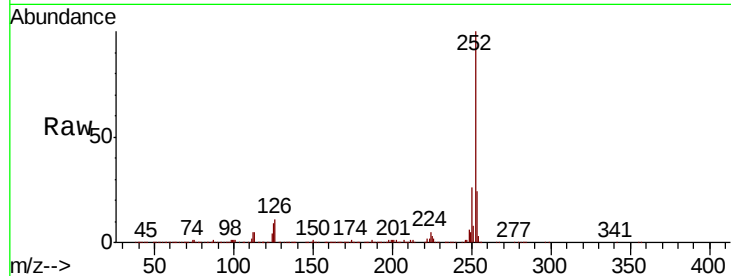




#89
Benzo(k)fluoranthene
Concen: 51.315 ng
RT: 23.75 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

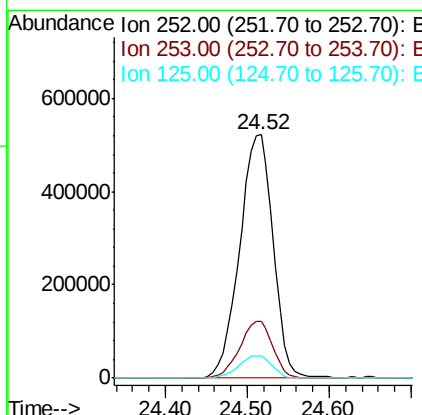
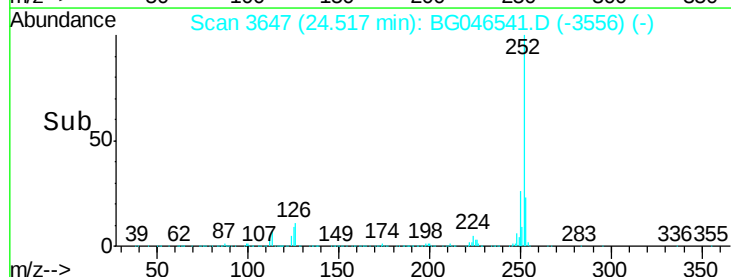
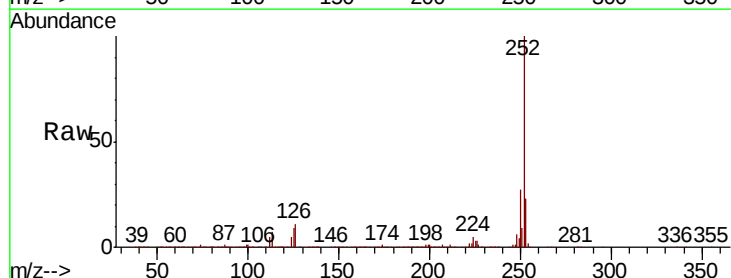
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

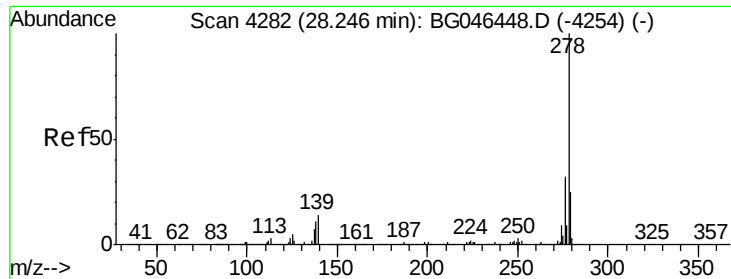
Tot Ion:252 Resp: 1521624
Ion Ratio Lower Upper
252 100
253 24.0 18.5 27.7
125 8.5 6.8 10.2



#90
Benzo(a)pyrene
Concen: 51.745 ng
RT: 24.52 min Scan# 3647
Delta R.T. 0.01 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:252 Resp: 1481617
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 9.2 7.4 11.0



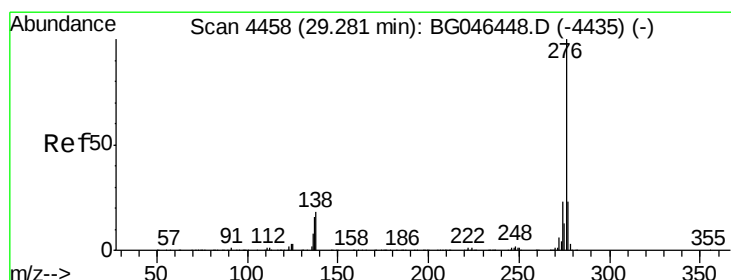
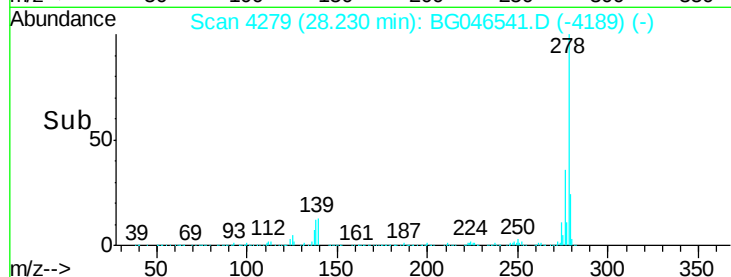
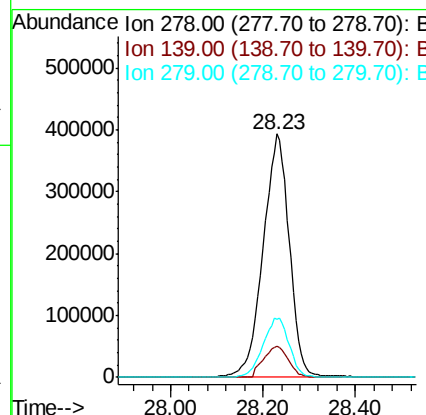
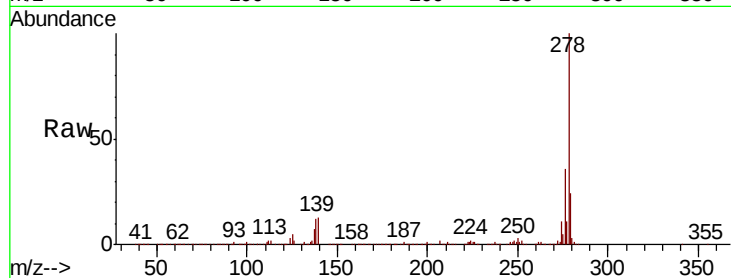


#91
Dibenzo(a,h)anthracene
Concen: 54.240 ng
RT: 28.23 min Scan# 4279
Delta R.T. 0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MS

Tot Ion:278 Resp: 1544715

Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.2	16.8
279	24.0	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 55.993 ng
RT: 29.27 min Scan# 4456
Delta R.T. -0.00 min
Lab File: BG046541.D
Acq: 4 Sep 2020 15:16

Tgt Ion:276 Resp: 1592390

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.7	28.1
138	18.1	14.7	22.1

