

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046542.D
 Acq On : 4 Sep 2020 15:57
 Operator : CG/JU
 Sample : L3894-09MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

Quant Time: Sep 04 16:56:00 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	78190	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	341964	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	244181	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	536692	20.00	ng	0.00
76) Chrysene-d12	21.55	240	502192	20.00	ng	0.00
86) Perylene-d12	24.66	264	510262	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	376549	85.30	ng	0.00
7) Phenol-d6	7.11	99	516205	82.49	ng	0.00
23) Nitrobenzene-d5	9.09	82	335473	56.07	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	239187	72.30	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	907413	56.73	ng	0.00
79) Terphenyl-d14	19.92	244	1296590	54.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	64383	35.055	ng	97
3) Pyridine	3.81	79	203499	37.870	ng	97
4) n-Nitrosodimethylamine	3.72	42	104155	52.553	ng	98
6) Aniline	7.25	93	379604	53.904	ng	97
8) 2-Chlorophenol	7.50	128	273214	58.557	ng	100
9) Benzaldehyde	7.07	77	167212	47.691	ng	93
10) Phenol	7.13	94	346861	60.177	ng	96
11) bis(2-Chloroethyl)ether	7.35	93	246344	53.170	ng	98
12) 1,3-Dichlorobenzene	7.82	146	287540	48.540	ng	99
13) 1,4-Dichlorobenzene	7.96	146	288410	48.632	ng	99
14) 1,2-Dichlorobenzene	8.28	146	285349	50.181	ng	99
15) Benzyl Alcohol	8.17	79	246195	61.276	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	379964	52.871	ng	98
17) 2-Methylphenol	8.38	107	248038	60.678	ng	98
18) Hexachloroethane	9.01	117	99440	49.453	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	215177	57.482	ng	97
20) 3+4-Methylphenols	8.70	107	342775	60.751	ng	99
22) Acetophenone	8.75	105	398000	47.813	ng	# 98
24) Nitrobenzene	9.13	77	300620	50.858	ng	99
25) Isophorone	9.66	82	596639	54.392	ng	100
26) 2-Nitrophenol	9.84	139	168239	53.946	ng	94
27) 2,4-Dimethylphenol	9.91	122	275297	64.181	ng	96
28) bis(2-Chloroethoxy)methane	10.13	93	356473	50.490	ng	98
29) 2,4-Dichlorophenol	10.38	162	318028	55.618	ng	98
30) 1,2,4-Trichlorobenzene	10.59	180	320802	47.284	ng	99
31) Naphthalene	10.78	128	825041	49.413	ng	98
32) Benzoic acid	10.08	122	154589	48.255	ng	97
33) 4-Chloroaniline	10.88	127	293457	39.858	ng	99
34) Hexachlorobutadiene	11.07	225	204682	46.474	ng	99
35) Caprolactam	11.67	113	71688	33.539	ng	97
36) 4-Chloro-3-methylphenol	12.02	107	322430	57.652	ng	96
37) 2-Methylnaphthalene	12.39	142	674734	51.239	ng	99
38) 1-Methylnaphthalene	12.61	142	637292	51.092	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	402413	49.976	ng	99

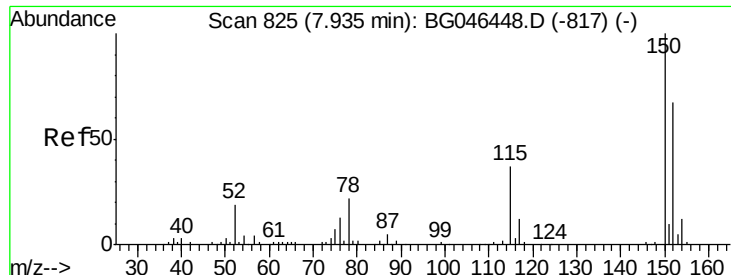
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046542.D
 Acq On : 4 Sep 2020 15:57
 Operator : CG/JU
 Sample : L3894-09MSD
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	477795	136.463	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	289147	53.212	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	310966	54.468	ng	98
46) 1,1'-Biphenyl	13.39	154	879839	51.790	ng	98
47) 2-Chloronaphthalene	13.43	162	696009	48.320	ng	100
48) 2-Nitroaniline	13.63	65	201732	50.437	ng	96
49) Acenaphthylene	14.28	152	1095027	50.116	ng	99
50) Dimethylphthalate	14.02	163	1010790	53.506	ng	98
51) 2,6-Dinitrotoluene	14.13	165	217336	52.191	ng	99
52) Acenaphthene	14.63	154	674716	49.831	ng	99
53) 3-Nitroaniline	14.46	138	172356	38.210	ng	98
54) 2,4-Dinitrophenol	14.67	184	266391	109.594	ng	98
55) Dibenzofuran	14.96	168	1061565	48.854	ng	97
56) 4-Nitrophenol	14.79	139	326501	98.352	ng	97
57) 2,4-Dinitrotoluene	14.93	165	294331	49.570	ng	99
58) Fluorene	15.61	166	884084	48.476	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	278966	50.318	ng	99
60) Diethylphthalate	15.39	149	880362	47.797	ng	97
61) 4-Chlorophenyl-phenylether	15.60	204	491222	48.906	ng	97
62) 4-Nitroaniline	15.63	138	206161	43.316	ng	96
63) Azobenzene	15.90	77	750659	50.102	ng	96
65) 4,6-Dinitro-2-methylphenol	15.70	198	193940	63.844	ng	100
66) n-Nitrosodiphenylamine	15.82	169	797103	55.053	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	333393	53.245	ng	97
68) Hexachlorobenzene	16.62	284	348929	50.318	ng	97
69) Atrazine	16.77	200	242758	41.099	ng	99
70) Pentachlorophenol	16.97	266	410866	113.402	ng	99
71) Phenanthrene	17.35	178	1360333	50.006	ng	97
72) Anthracene	17.44	178	1380676	51.442	ng	97
73) Carbazole	17.71	167	1237953	48.852	ng	98
74) Di-n-butylphthalate	18.27	149	1399600	48.031	ng	98
75) Fluoranthene	19.36	202	1640884	46.872	ng	99
77) Benzidine	19.53	184	1104364	94.638	ng	97
78) Pyrene	19.72	202	1618200	50.602	ng	98
80) Butylbenzylphthalate	20.61	149	649998	52.110	ng	97
81) Benzo(a)anthracene	21.54	228	1576021	50.350	ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	493191	42.457	ng	98
83) Chrysene	21.60	228	1532439	50.895	ng	98
84) Bis(2-ethylhexyl)phthalate	21.45	149	890233	52.298	ng	99
85) Di-n-octyl phthalate	22.62	149	1562109	53.594	ng	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1980362	54.037	ng	99
88) Benzo(b)fluoranthene	23.68	252	1706392	53.557	ng	97
89) Benzo(k)fluoranthene	23.75	252	1608375	52.233	ng	98
90) Benzo(a)pyrene	24.52	252	1548963	52.095	ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1609699	54.430	ng	98
92) Benzo(g,h,i)perylene	29.27	276	1652263	55.948	ng	98

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

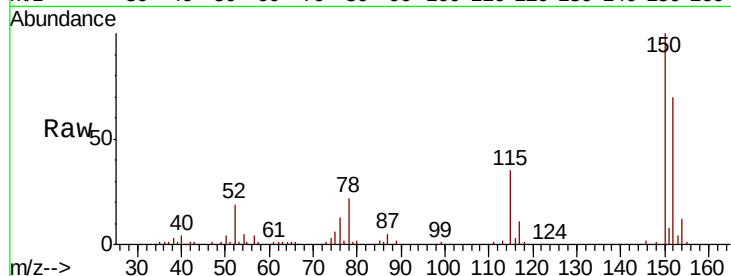


#1

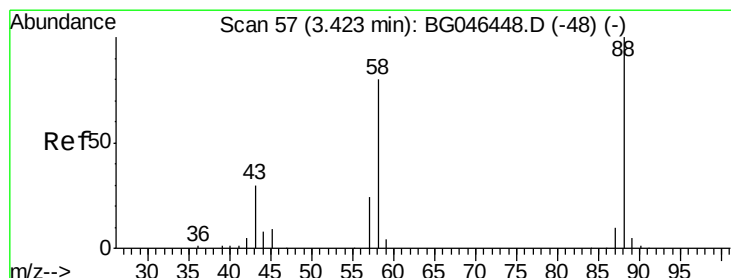
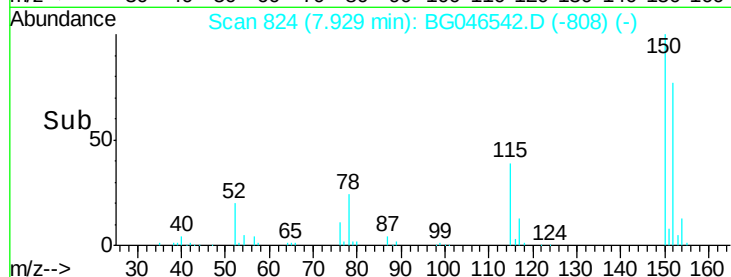
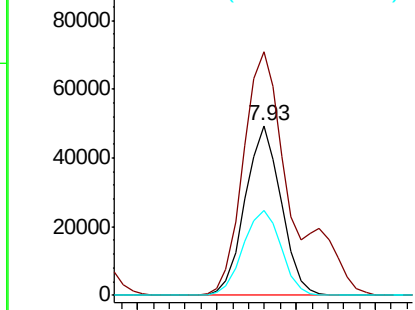
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion:152 Resp: 78190
Ion Ratio Lower Upper
152 100
150 143.6 119.5 179.3
115 49.8 44.3 66.5



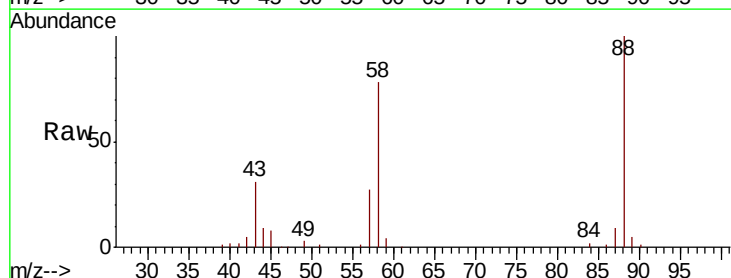
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



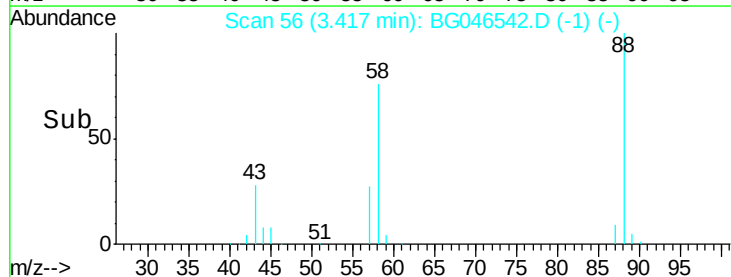
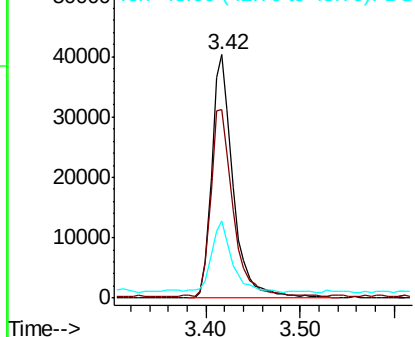
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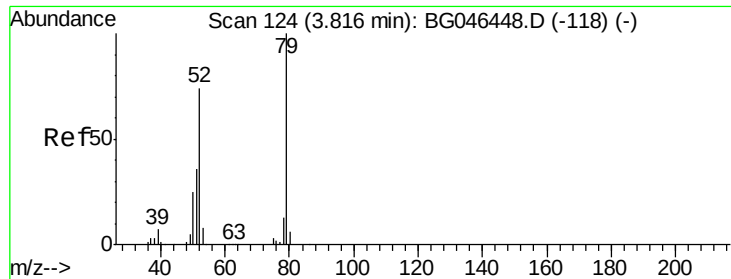
1,4-Dioxane
Concen: 35.055 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion: 88 Resp: 64383
Ion Ratio Lower Upper
88 100
58 79.0 61.4 92.2
43 29.5 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: 37.870 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

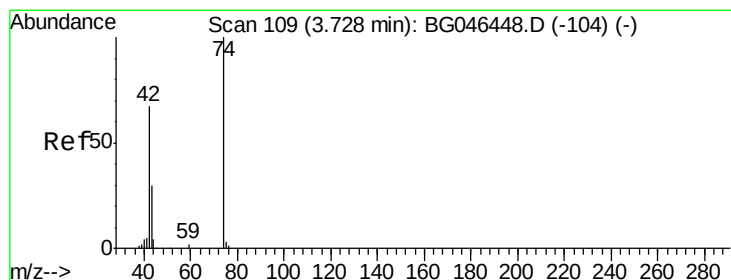
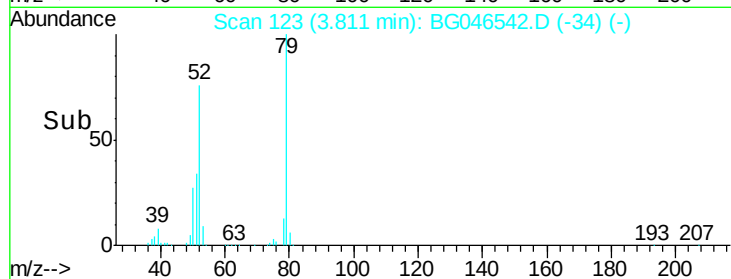
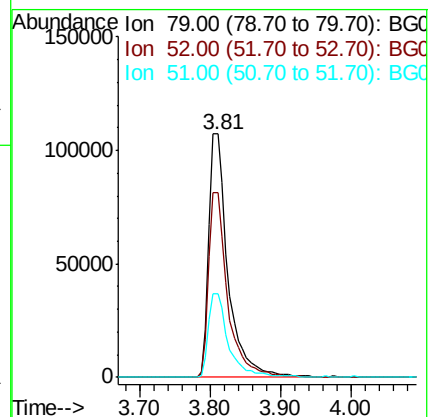
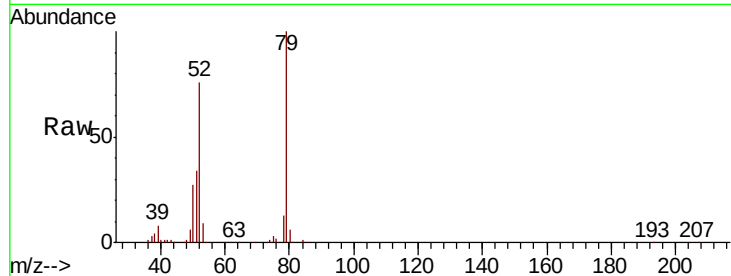
Tot Ion: 79 Resp: 203499

Ion Ratio Lower Upper

79 100

52 75.8 59.1 88.7

51 34.2 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 52.553 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

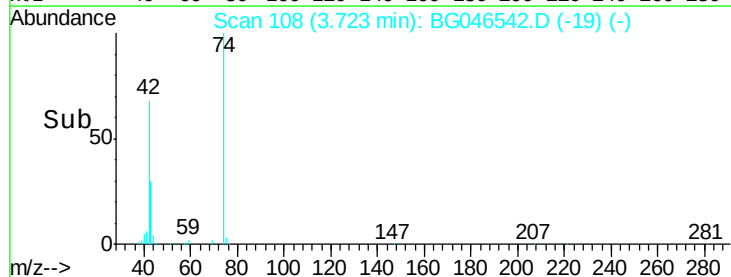
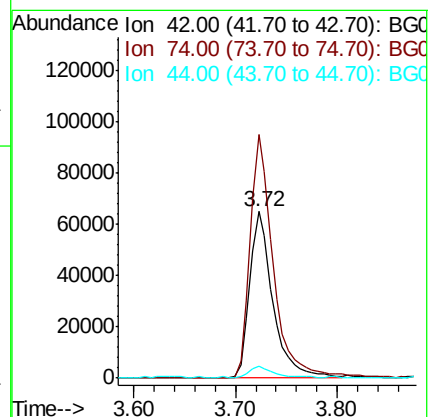
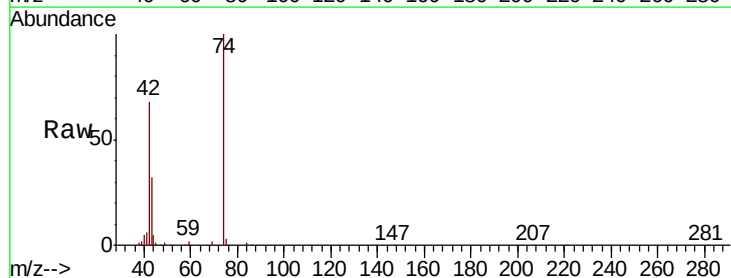
Tgt Ion: 42 Resp: 104155

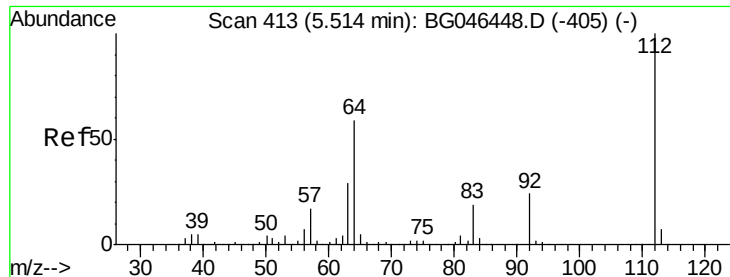
Ion Ratio Lower Upper

42 100

74 146.3 119.5 179.3

44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 85.297 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

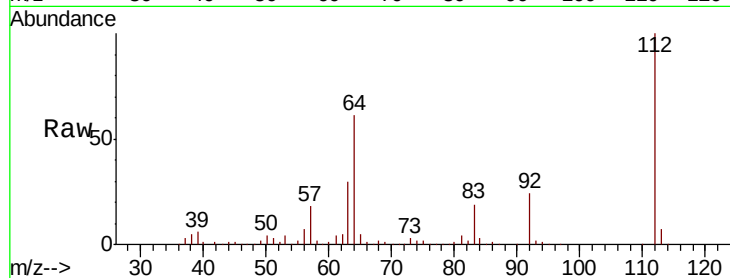
Tot Ion: 112 Resp: 376549

Ion Ratio Lower Upper

112 100

64 61.0 47.0 70.6

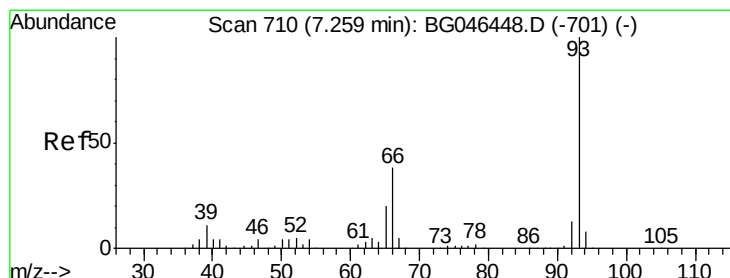
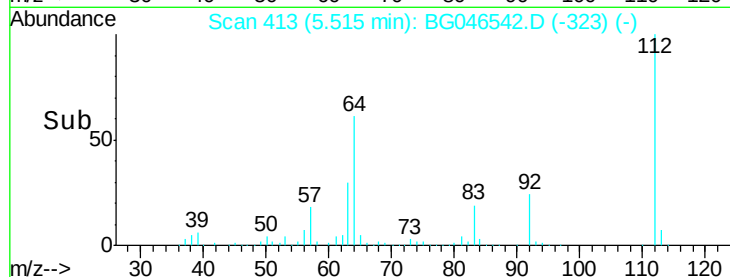
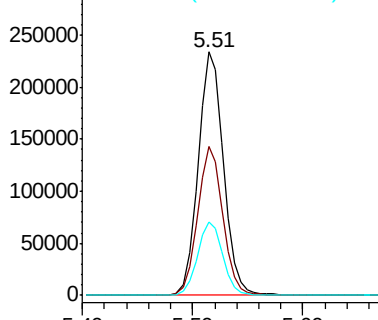
63 30.3 23.5 35.3



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: 53.904 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

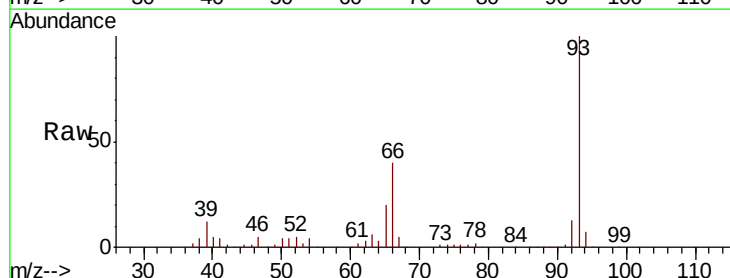
Tgt Ion: 93 Resp: 379604

Ion Ratio Lower Upper

93 100

66 40.2 30.4 45.6

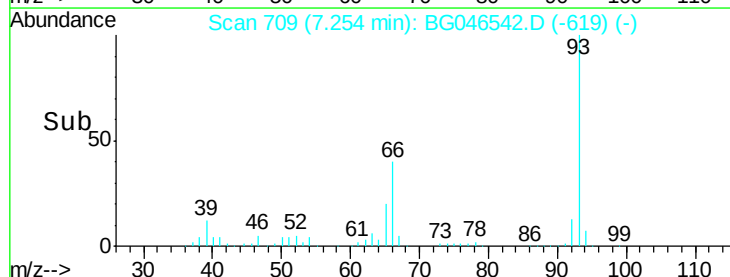
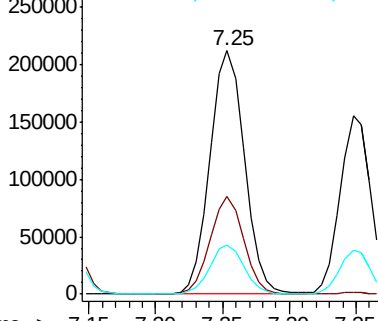
65 19.9 15.8 23.6

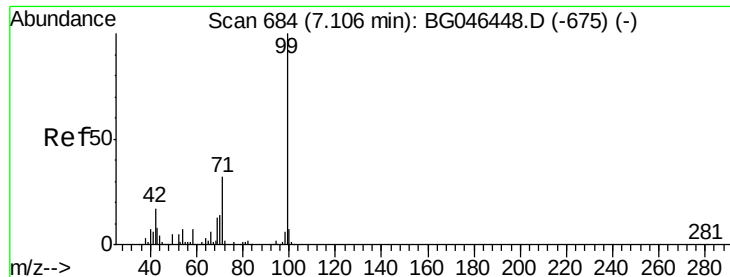


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.486 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

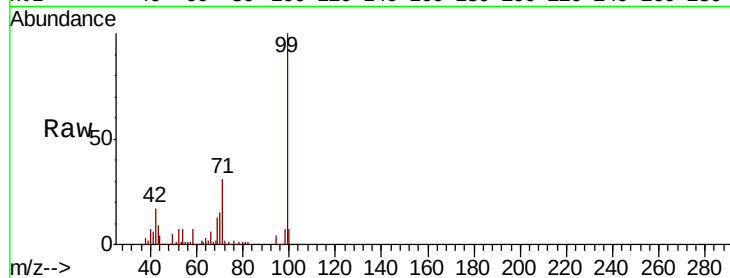
Tot Ion: 99 Resp: 516205

Ion Ratio Lower Upper

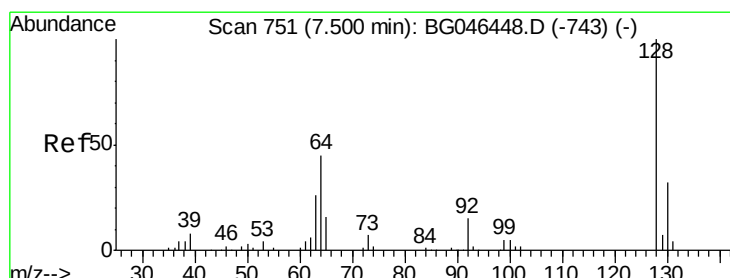
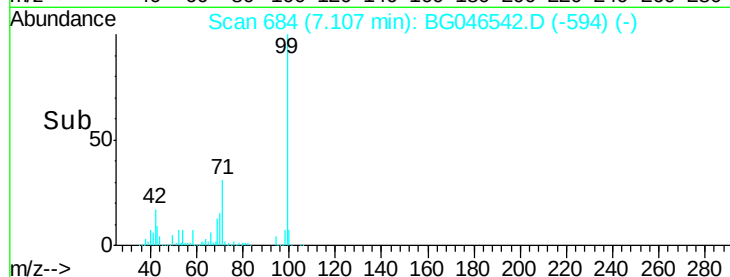
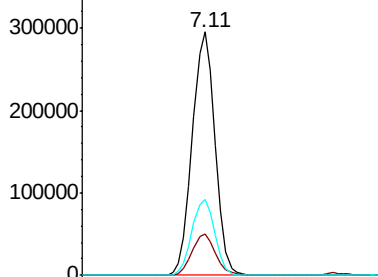
99 100

42 17.1 13.3 19.9

71 31.4 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: 58.557 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

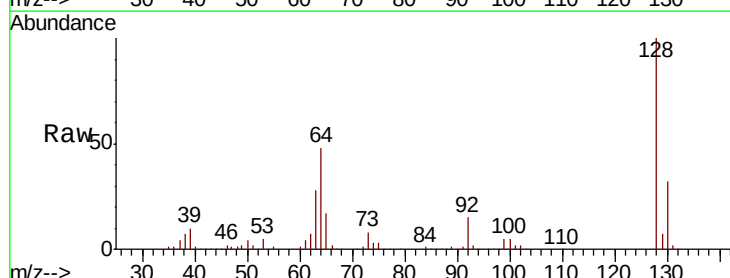
Tgt Ion: 128 Resp: 273214

Ion Ratio Lower Upper

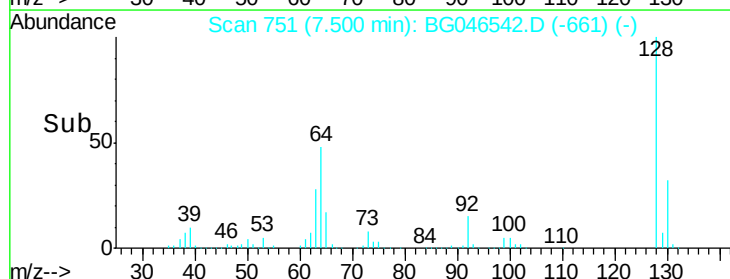
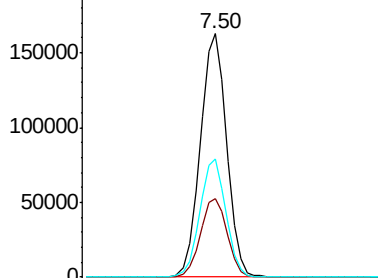
128 100

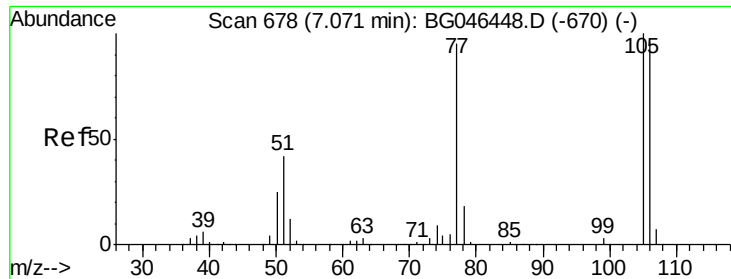
130 32.4 12.4 52.4

64 48.4 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: 47.691 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

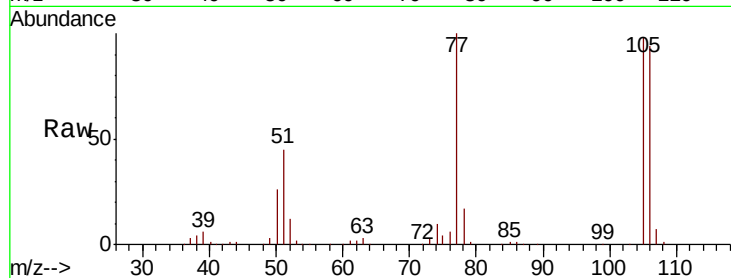
Tot Ion: 77 Resp: 167212

Ion Ratio Lower Upper

77 100

105 98.2 85.6 125.6

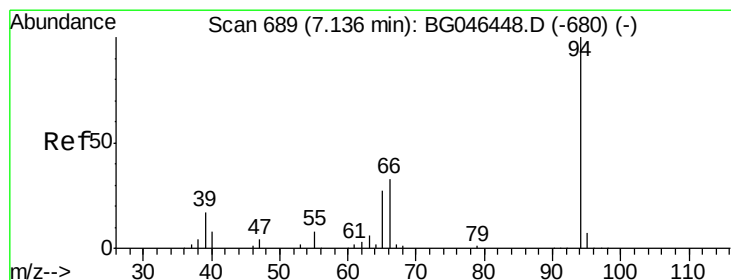
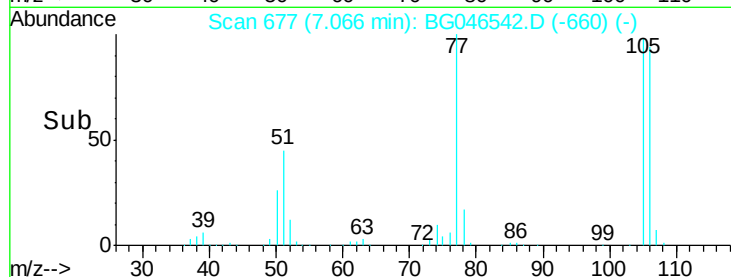
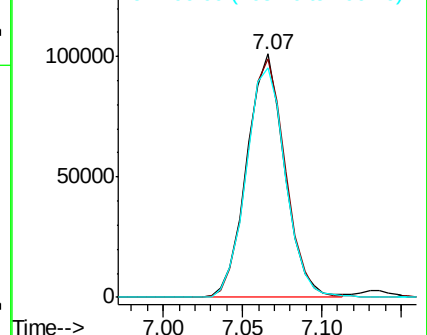
106 94.3 80.8 120.8



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: 60.177 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

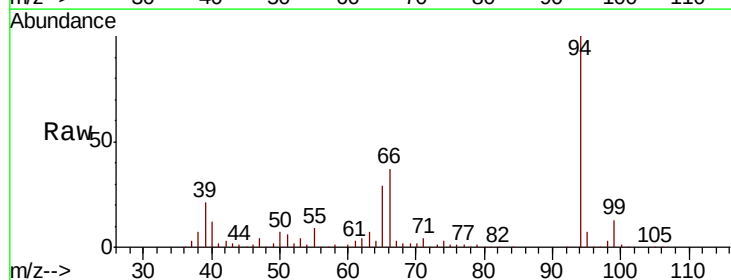
Tgt Ion: 94 Resp: 346861

Ion Ratio Lower Upper

94 100

65 29.1 7.5 47.5

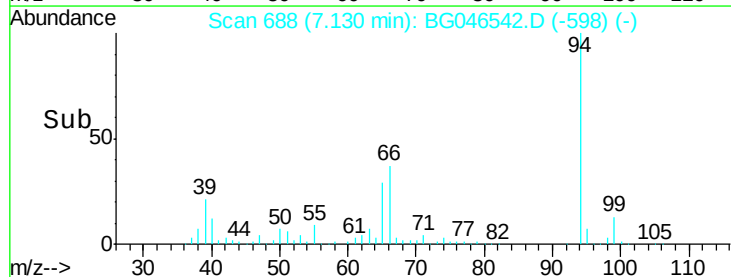
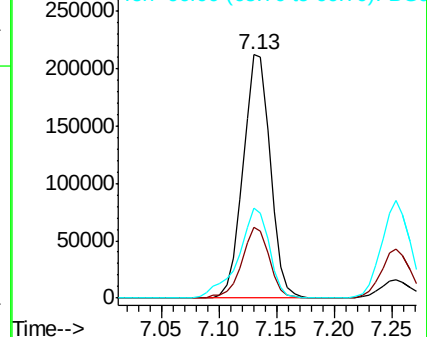
66 36.7 14.1 54.1

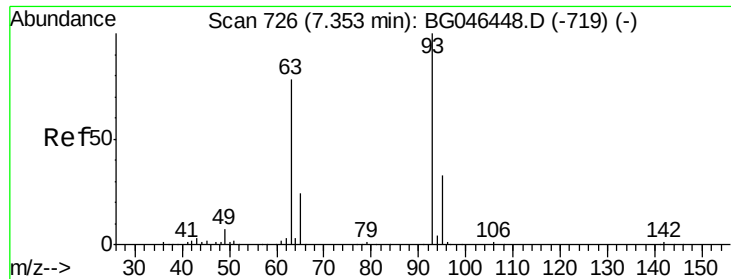


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

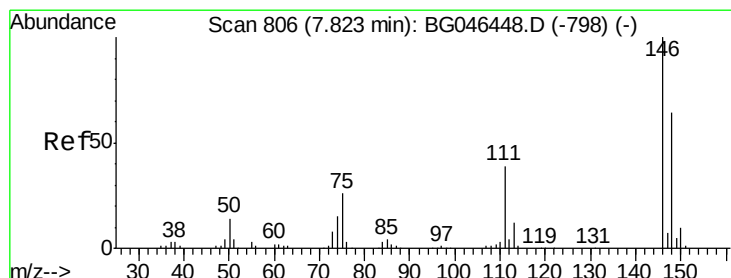
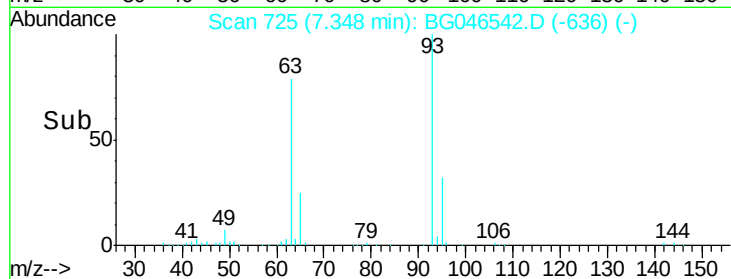
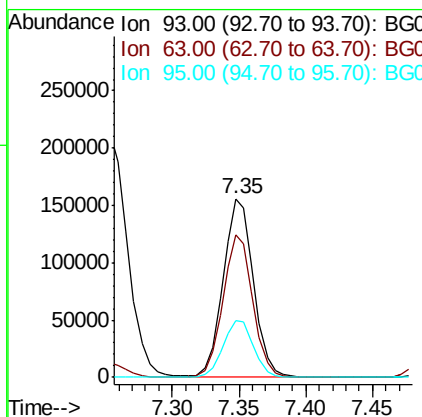
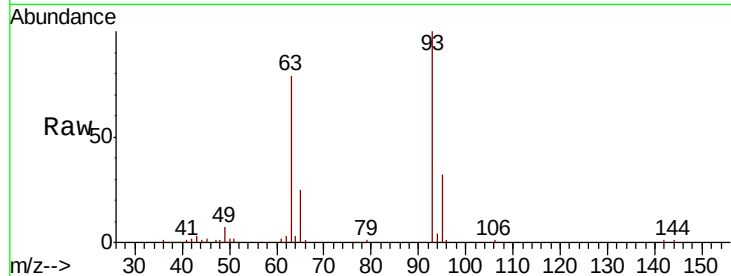




#11
 bis(2-Chloroethyl)ether
 Concen: 53.170 ng
 RT: 7.35 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

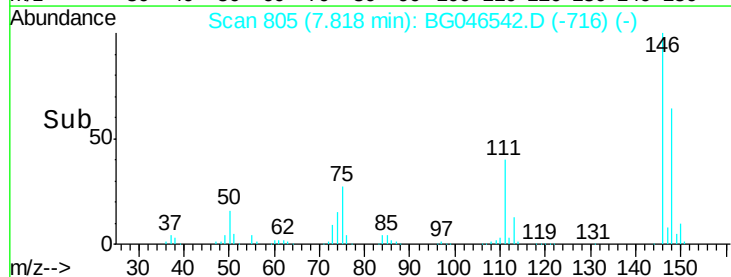
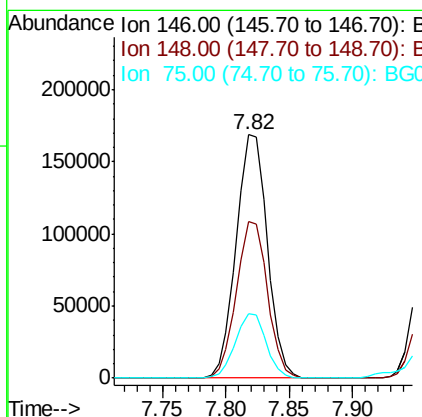
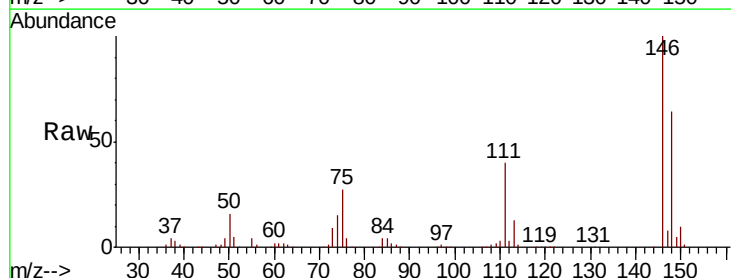
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

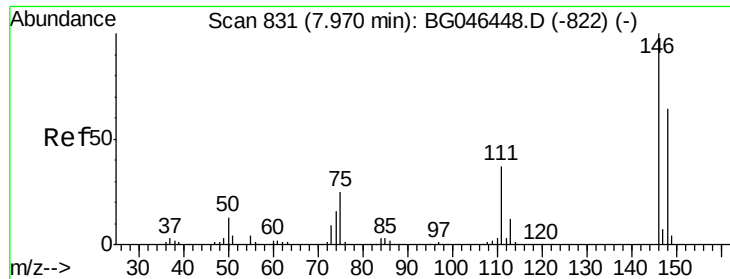
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.4	57.7	97.7
95	31.9	12.3	52.3



#12
 1,3-Dichlorobenzene
 Concen: 48.540 ng
 RT: 7.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
75	26.6	20.7	31.1

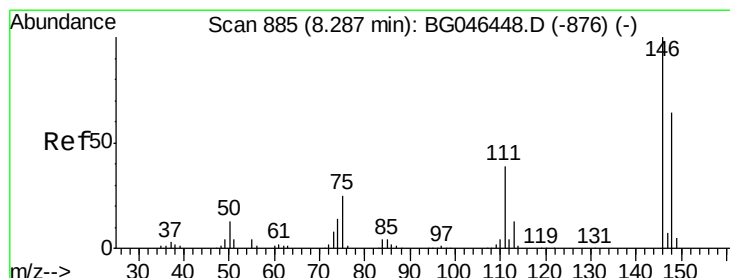
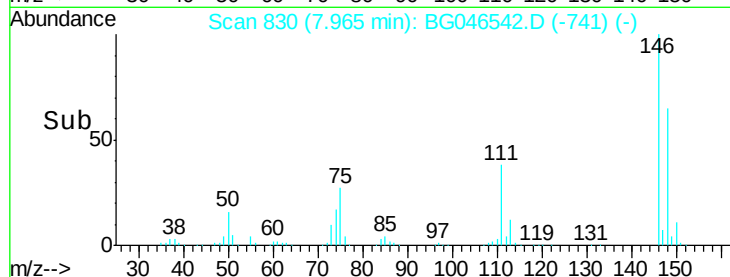
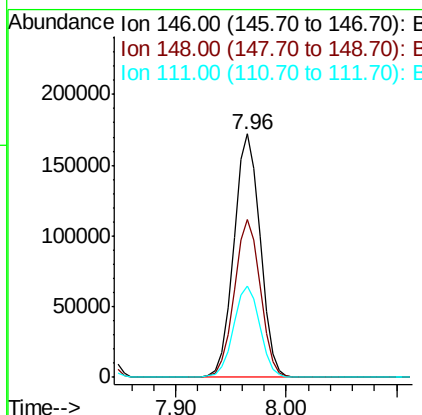
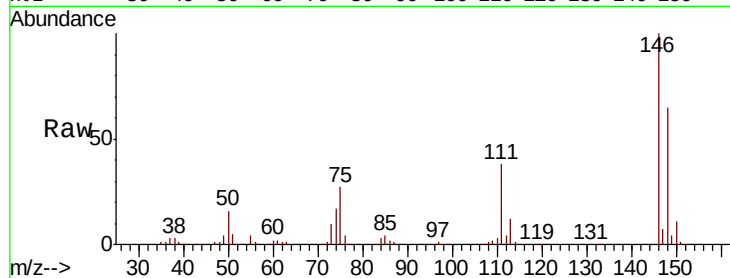




#13
 1,4-Dichlorobenzene
 Concen: 48.632 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

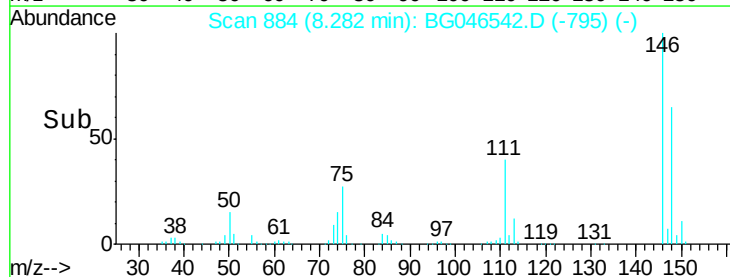
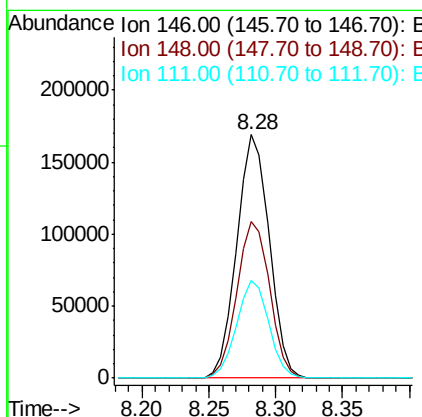
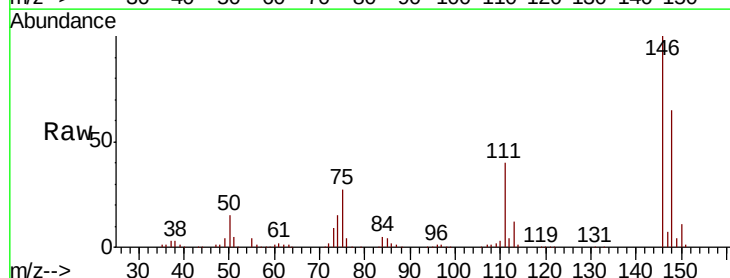
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

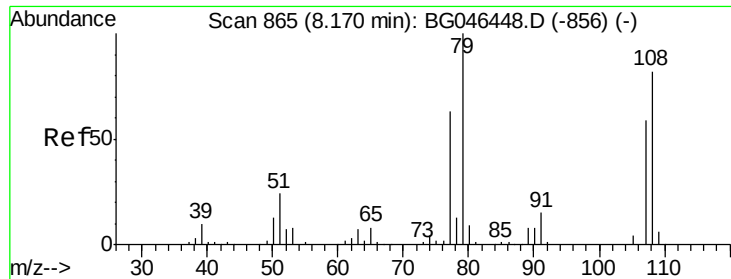
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
111	37.7	29.8	44.6



#14
 1,2-Dichlorobenzene
 Concen: 50.181 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
111	40.3	31.4	47.2





#15

Benzyl Alcohol

Concen: 61.276 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

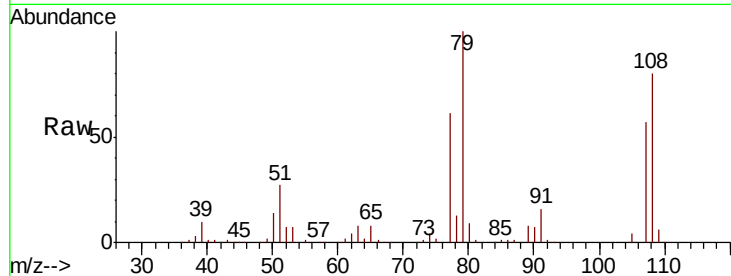
Tot Ion: 79 Resp: 246195

Ion Ratio Lower Upper

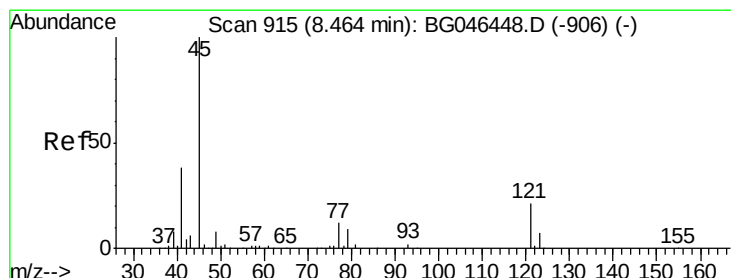
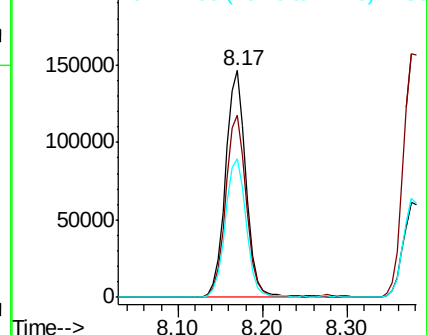
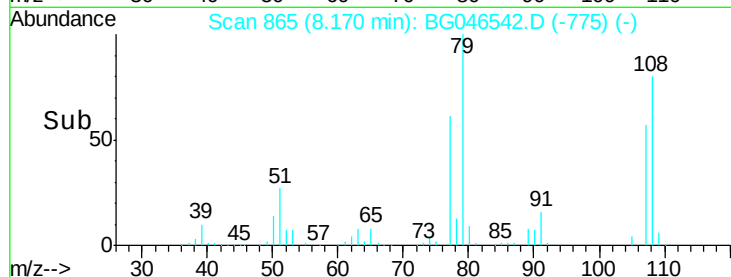
79 100

108 80.4 65.7 98.5

77 61.0 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.871 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

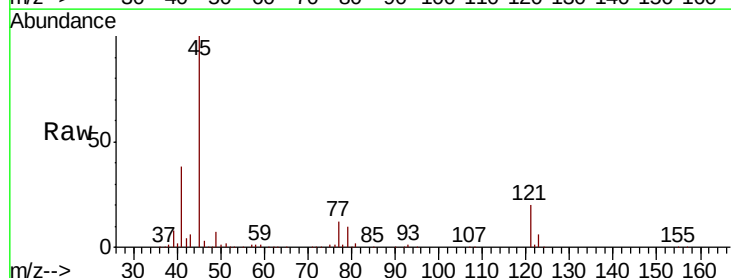
Tgt Ion: 45 Resp: 379964

Ion Ratio Lower Upper

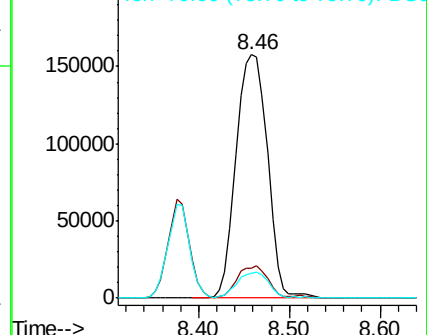
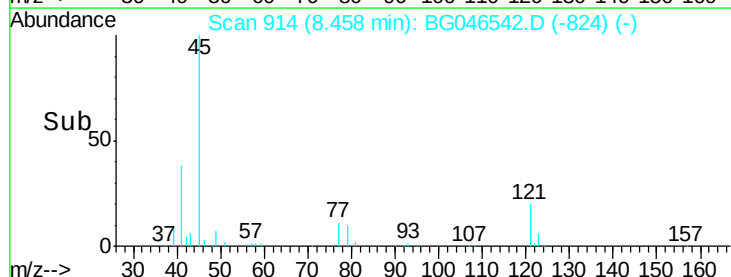
45 100

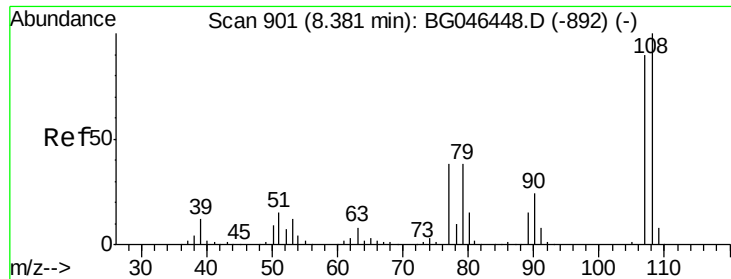
77 12.1 0.0 33.2

79 10.4 0.0 30.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

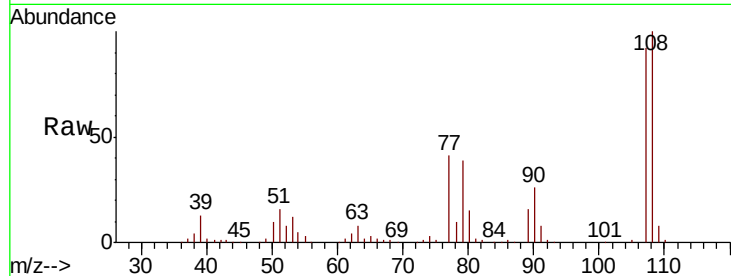




#17
2-Methylphenol
Concen: 60.678 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion:	107	Resp:	248038
Ion	Ratio	Lower	Upper
107	100		
108	108.4	89.4	134.0
77	44.0	34.5	51.7
79	42.2	33.8	50.6



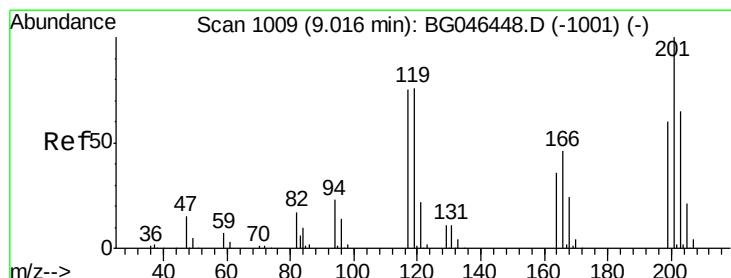
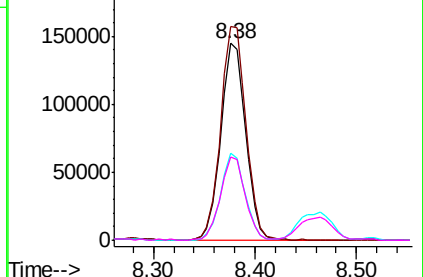
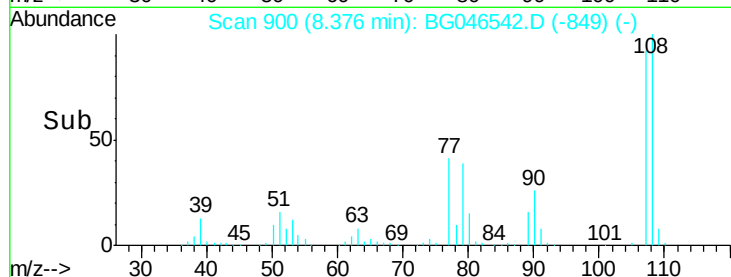
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

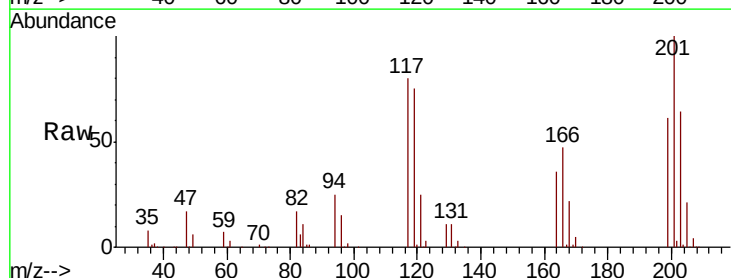
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 49.453 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:	117	Resp:	99440
Ion	Ratio	Lower	Upper
117	100		
119	93.7	80.8	121.2
201	125.2	106.7	160.1

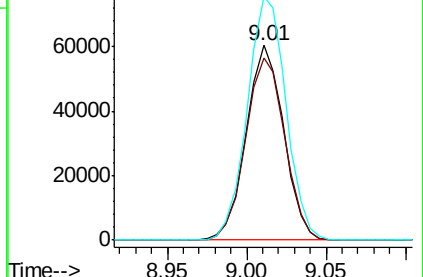
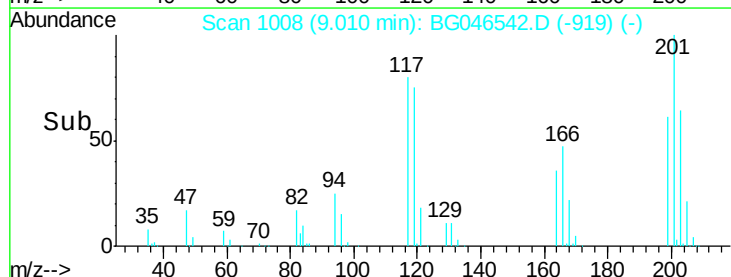


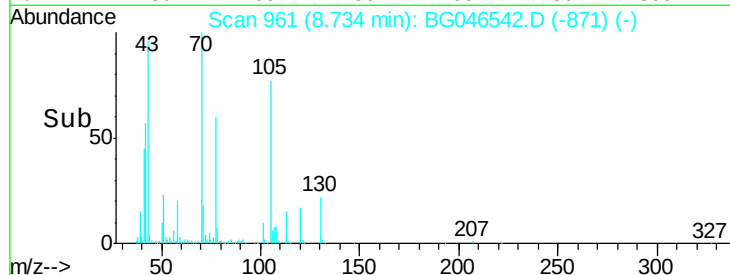
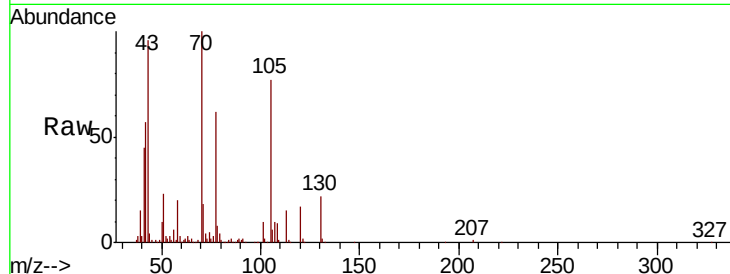
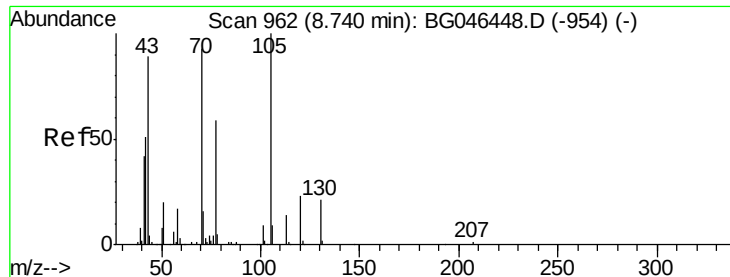
Abundance

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

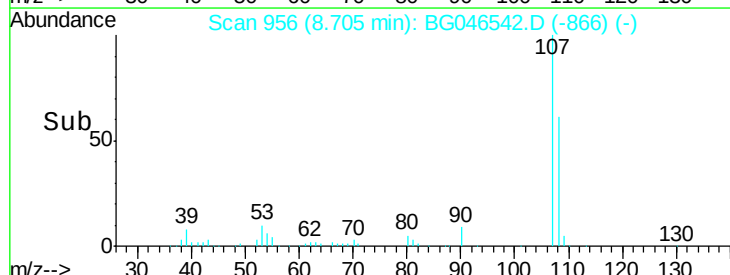
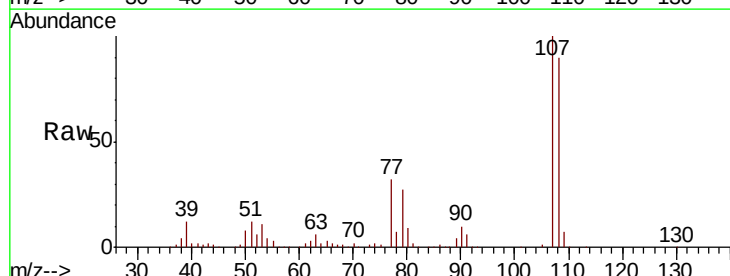
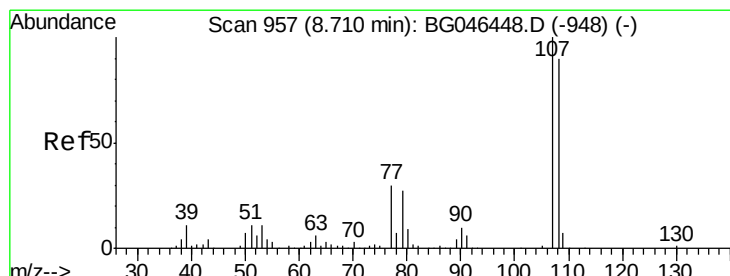
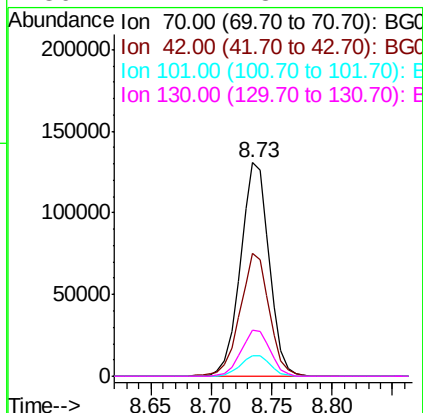




#19
n-Nitroso-di-n-propylamine
Concen: 57.482 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

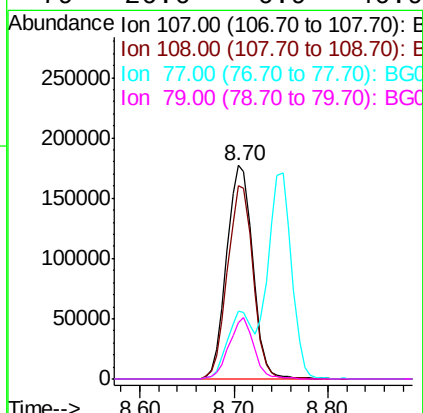
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

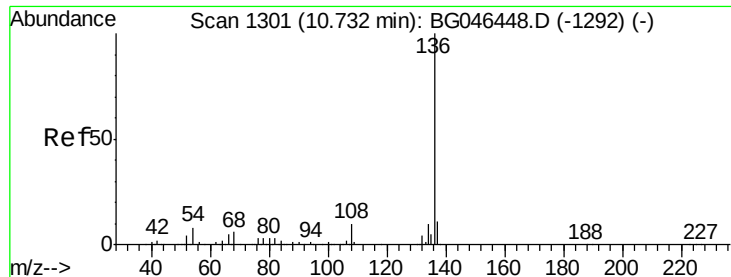
Tot Ion:	70	Resp:	215177
Ion	Ratio	Lower	Upper
70	100		
42	57.4	44.2	66.2
101	9.7	7.8	11.8
130	21.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 60.751 ng
RT: 8.70 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:	107	Resp:	342775
Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.7	109.7
77	31.6	9.7	49.7
79	26.6	6.9	46.9

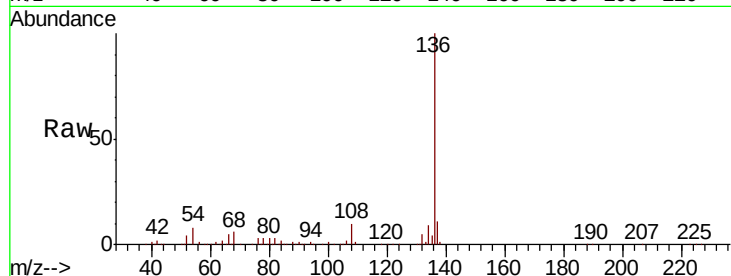




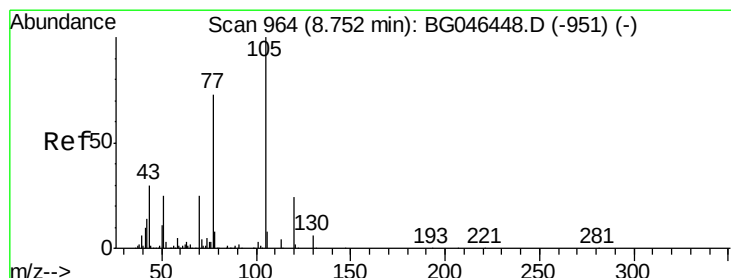
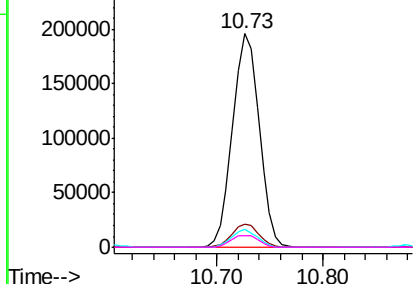
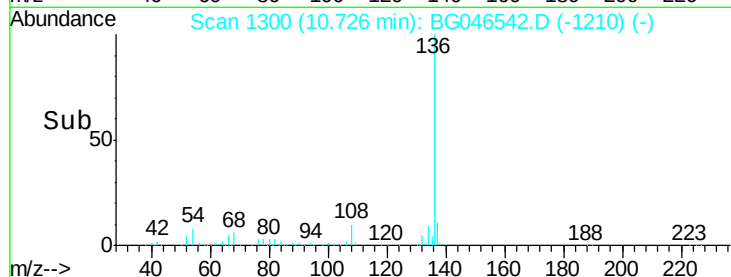
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion:136	Resp:	341964
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.8	13.2
54 8.4	6.1	9.1
68 5.7	4.8	7.2

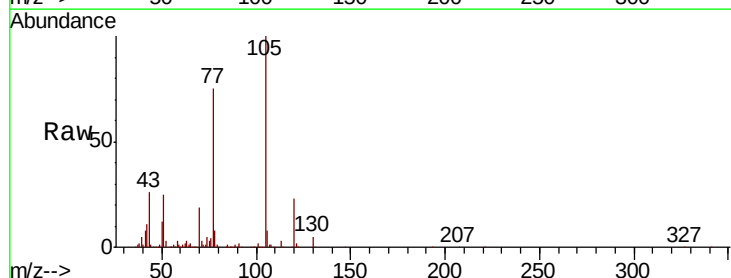


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

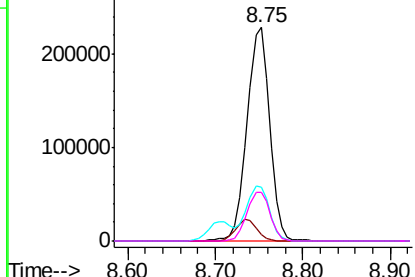
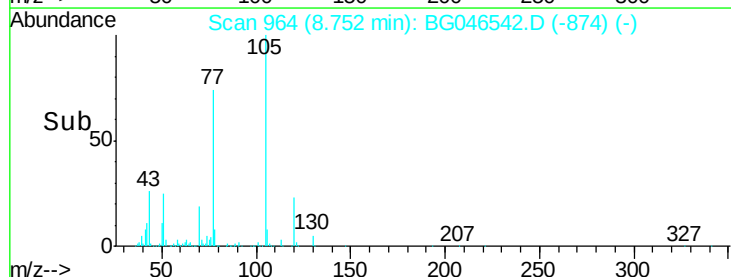


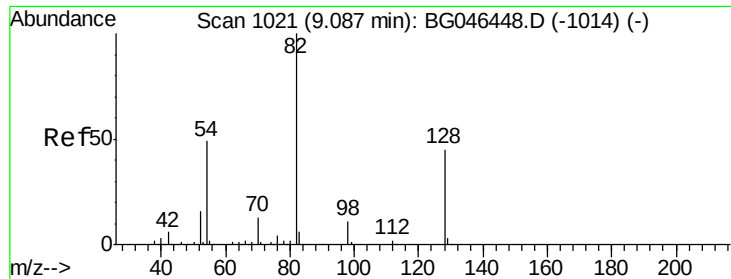
#22
Acetophenone
Concen: 47.813 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt	Ion:105	Resp:	398000
Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.3	4.9#
51	25.3	20.6	31.0
120	22.8	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

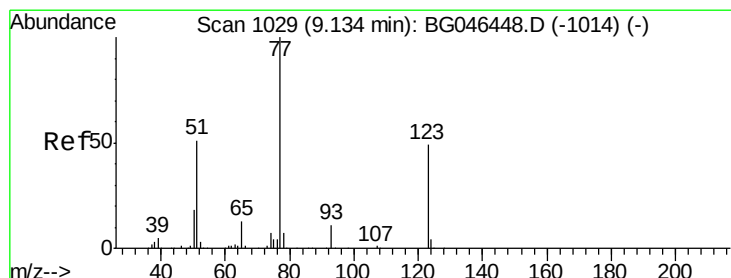
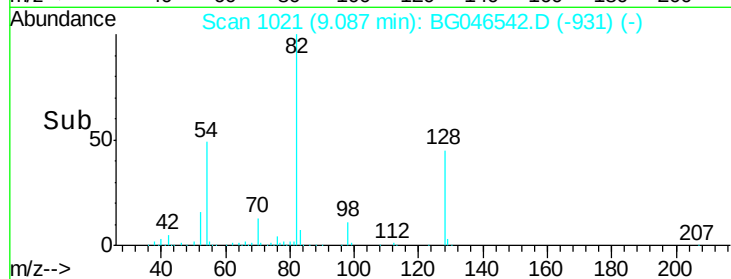
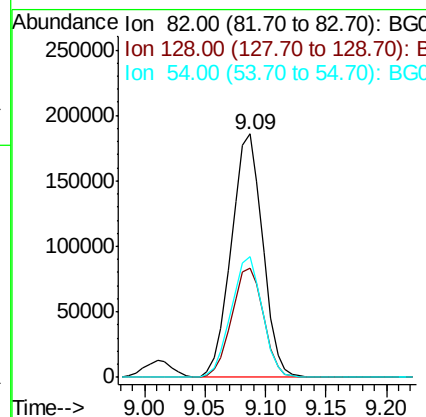
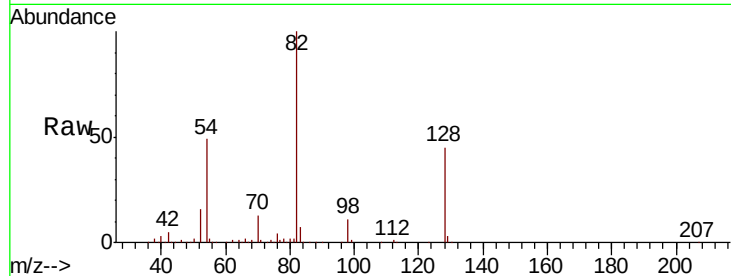




#23
 Nitrobenzene-d5
 Concen: 56.070 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

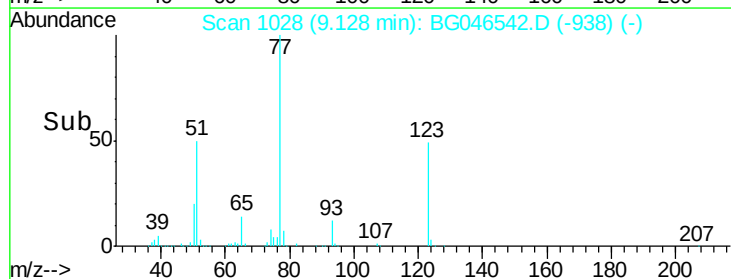
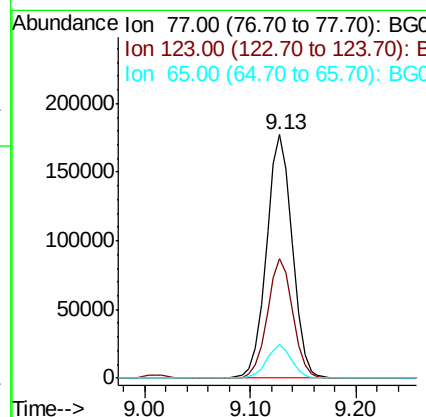
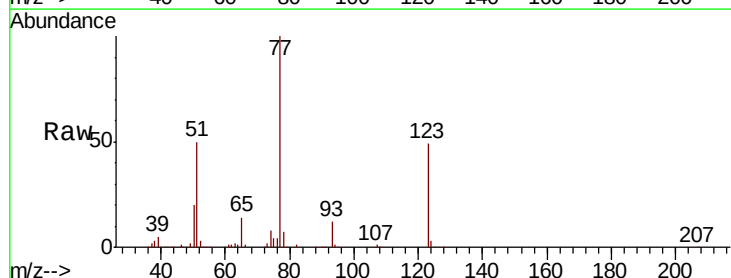
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

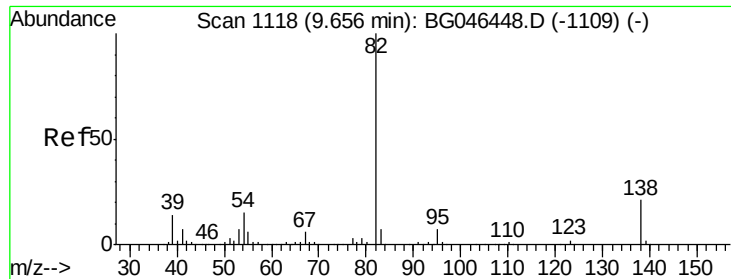
Tot Ion	82	Resp	335473
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.7	53.5
54	49.5	39.4	59.0



#24
 Nitrobenzene
 Concen: 50.858 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	77	Resp	300620
Ion Ratio	Lower	Upper	
77	100		
123	48.9	39.6	59.4
65	13.7	10.1	15.1





#25

Isophorone

Concen: 54.392 ng

RT: 9.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

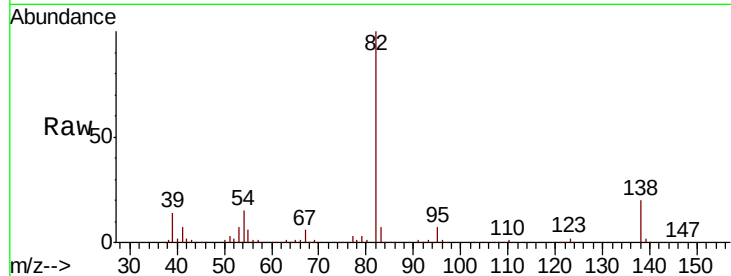
Tot Ion: 82 Resp: 596639

Ion Ratio Lower Upper

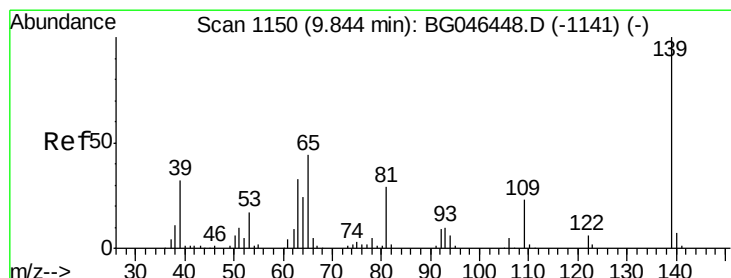
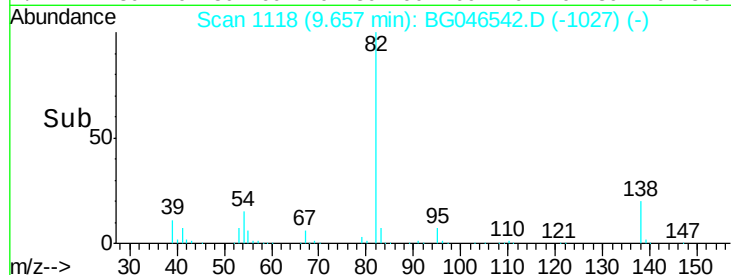
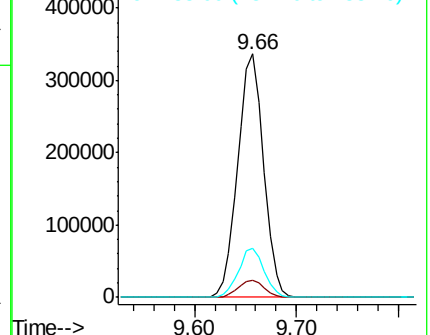
82 100

95 7.1 5.8 8.6

138 20.3 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: 53.946 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

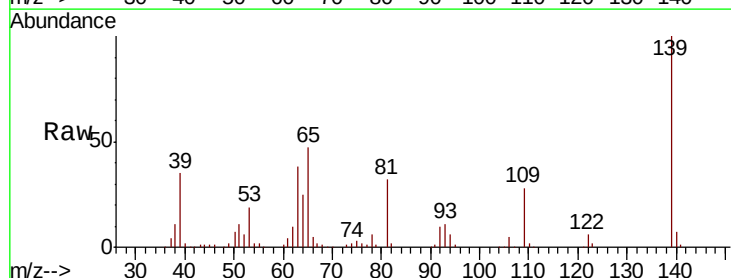
Tgt Ion: 139 Resp: 168239

Ion Ratio Lower Upper

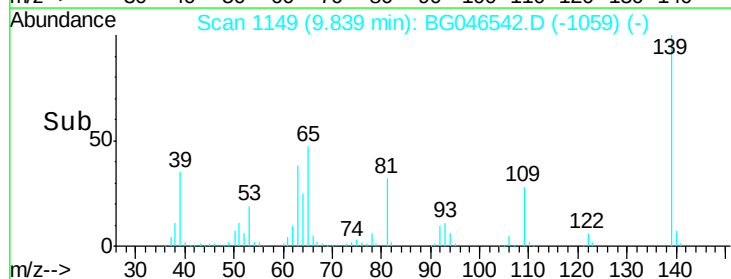
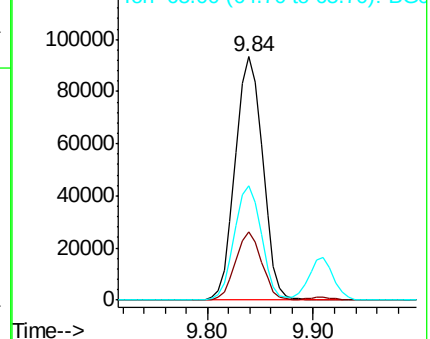
139 100

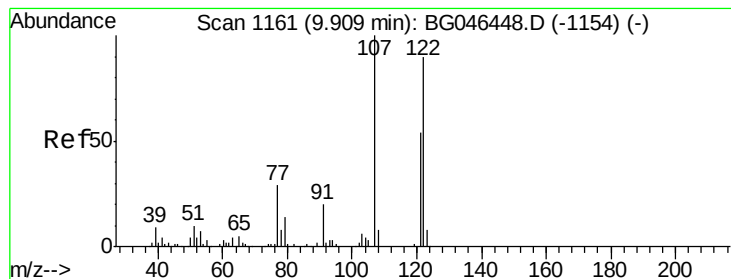
109 27.8 18.8 28.2

65 46.8 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

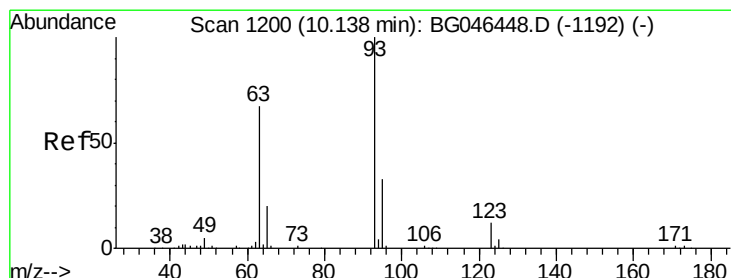
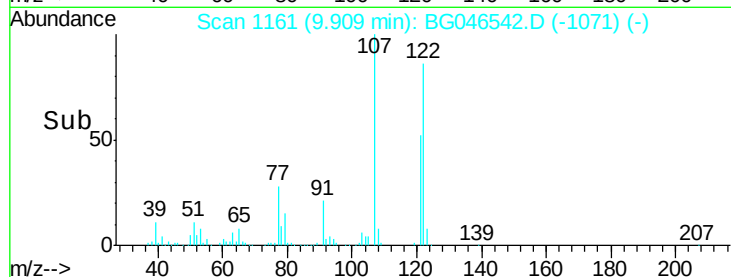
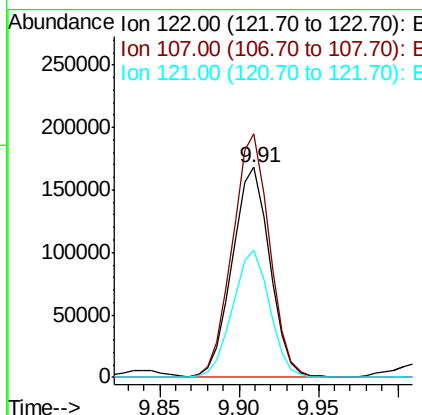
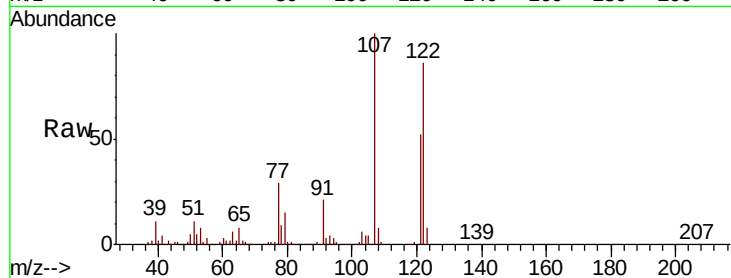




#27
 2,4-Dimethylphenol
 Concen: 64.181 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

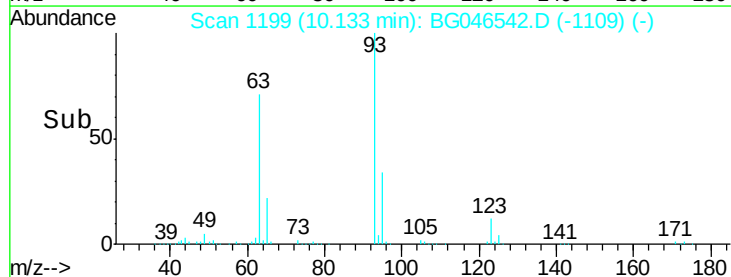
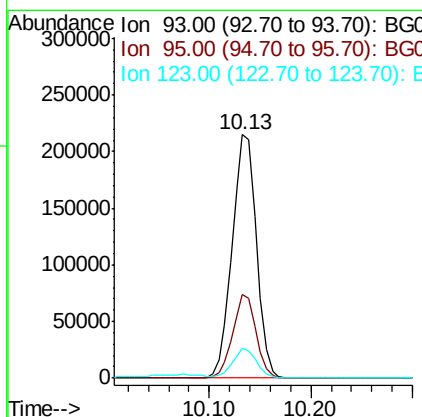
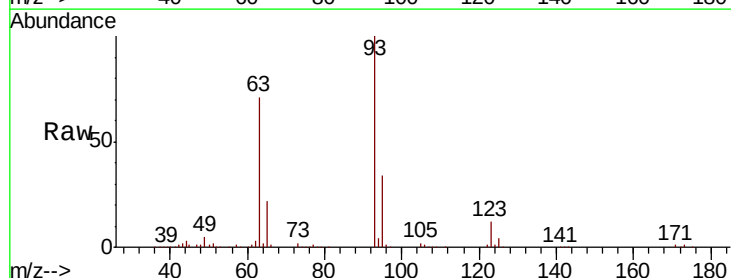
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

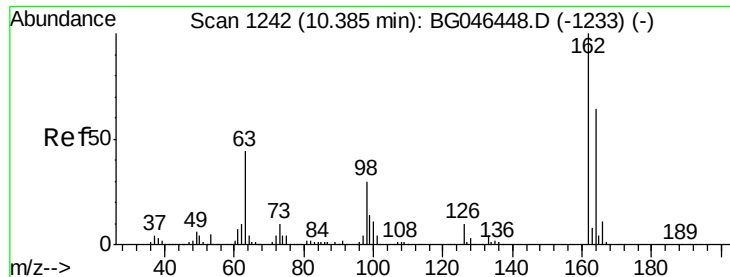
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	88.2	132.2
121	60.3	47.4	71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.490 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	26.1	39.1
123	12.0	9.5	14.3

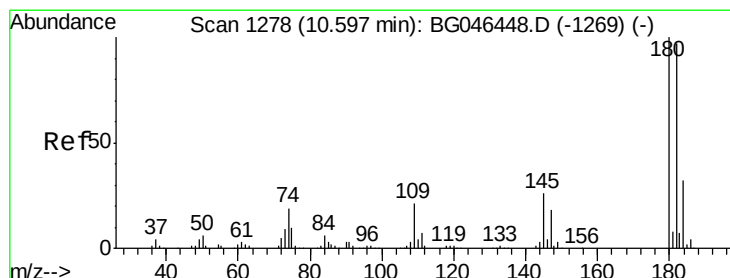
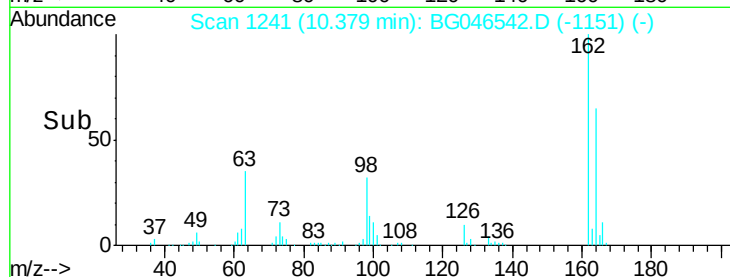
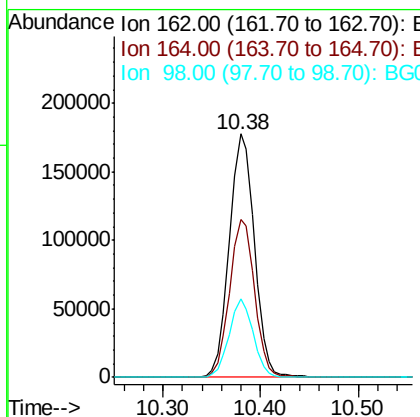
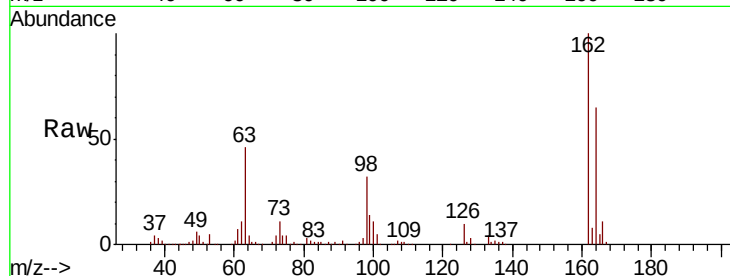




#29
 2,4-Dichlorophenol
 Concen: 55.618 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

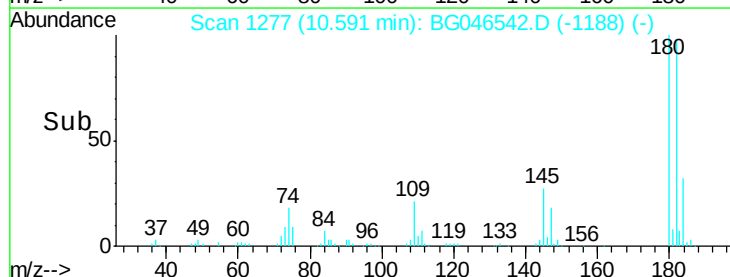
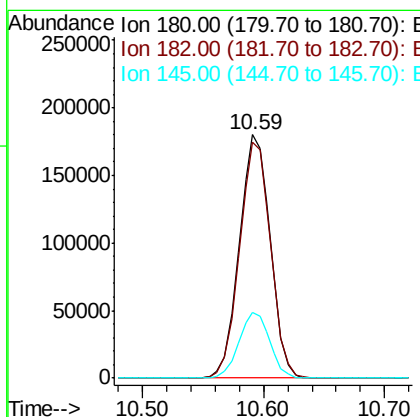
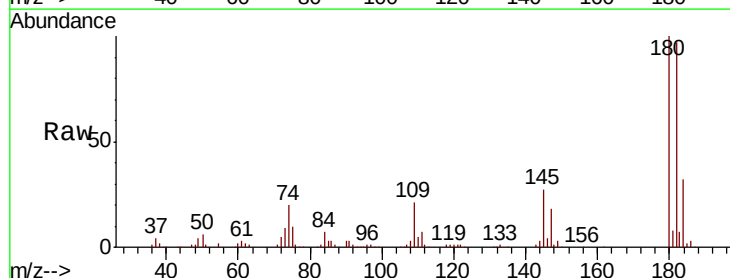
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

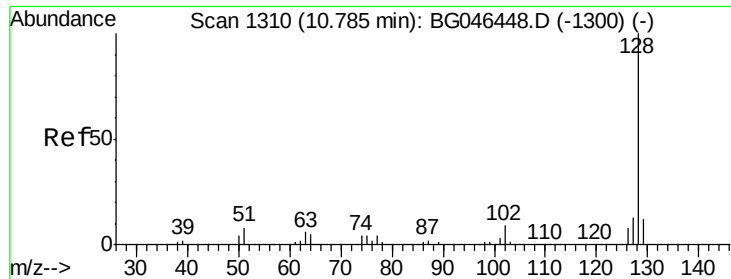
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.3	84.3
98	32.0	10.0	50.0



#30
 1,2,4-Trichlorobenzene
 Concen: 47.284 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.8	116.8
145	26.9	20.9	31.3

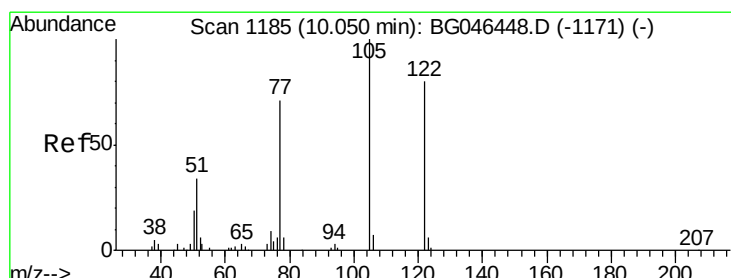
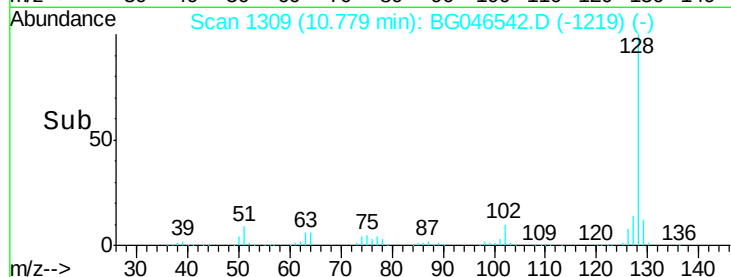
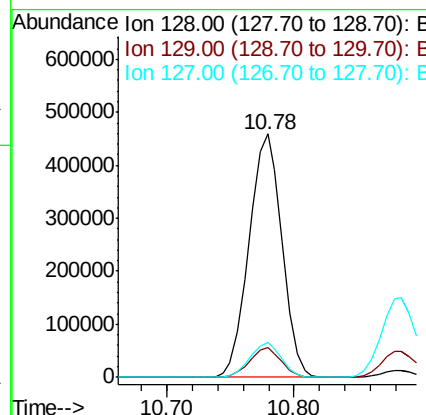
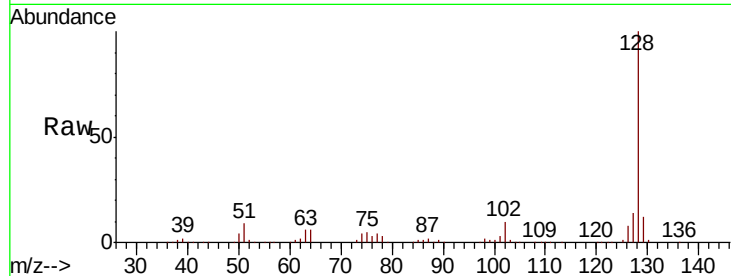




#31
Naphthalene
Concen: 49.413 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

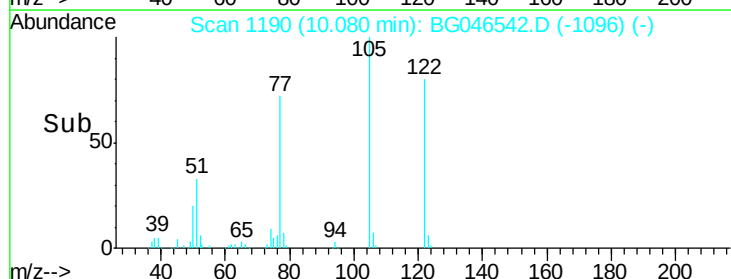
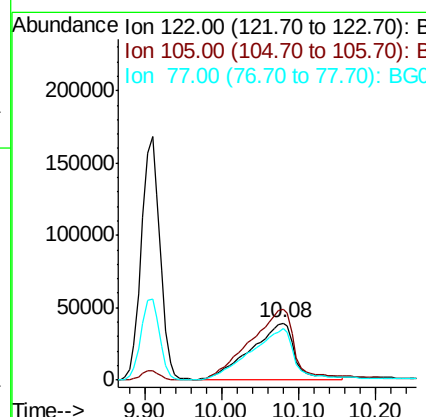
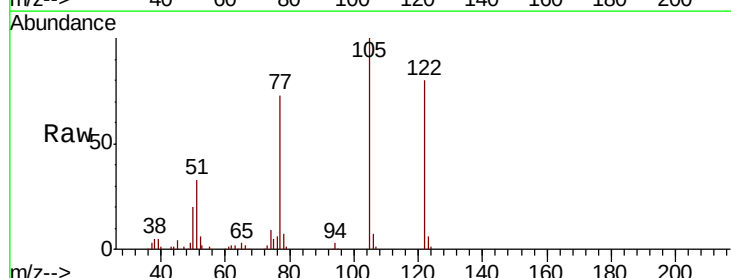
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

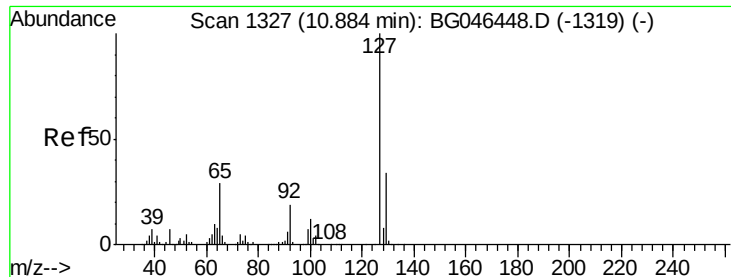
Tot Ion:128 Resp: 825041
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 14.3 10.7 16.1



#32
Benzoic acid
Concen: 48.255 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.02 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:122 Resp: 154589
Ion Ratio Lower Upper
122 100
105 125.4 102.5 142.5
77 91.4 68.2 108.2

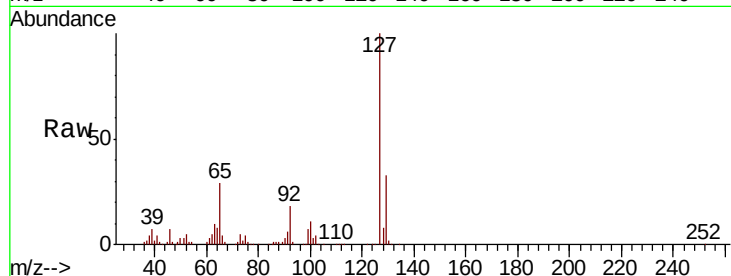




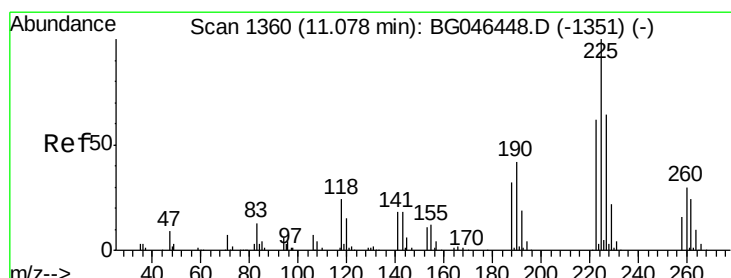
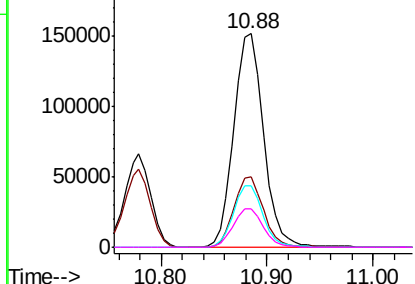
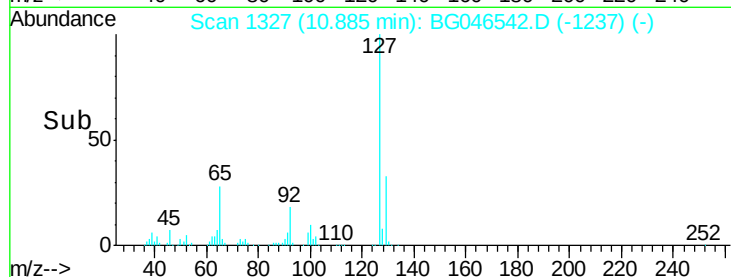
#33
4-Chloroaniline
Concen: 39.858 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion:	127	Resp:	293457
Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.0	40.4
65	28.6	23.5	35.3
92	18.3	14.9	22.3

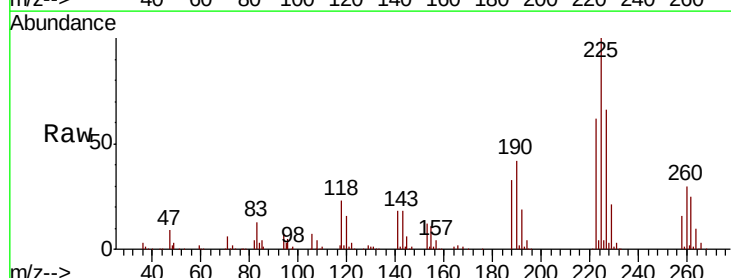


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

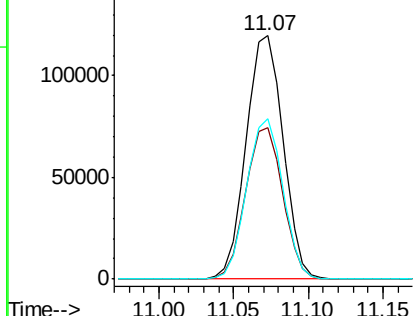
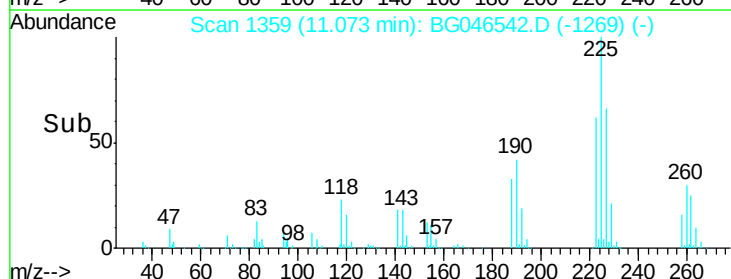


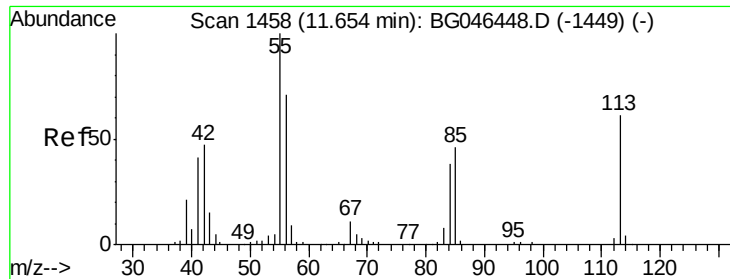
#34
Hexachlorobutadiene
Concen: 46.474 ng
RT: 11.07 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:	225	Resp:	204682
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.9	74.9
227	66.1	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

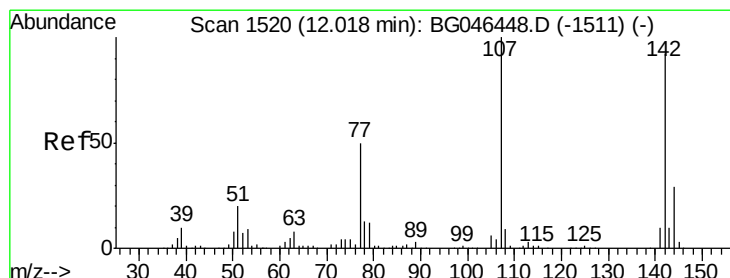
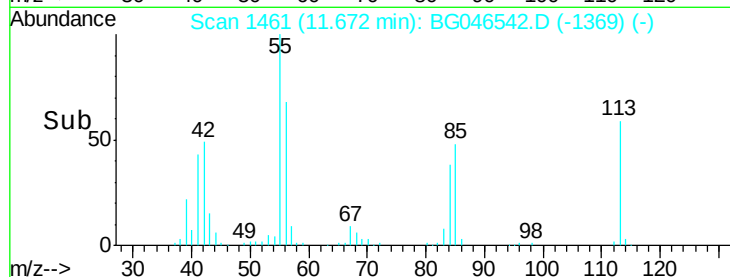
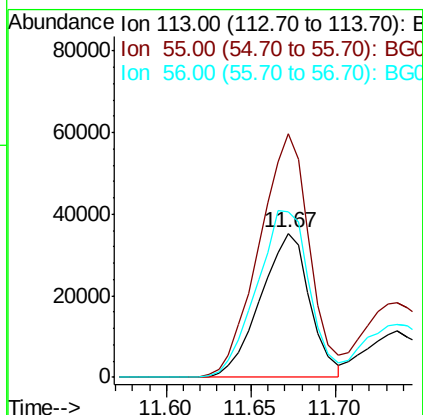
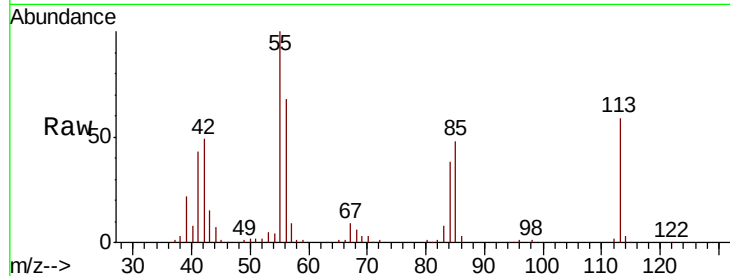




#35
Caprolactam
Concen: 33.539 ng
RT: 11.67 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

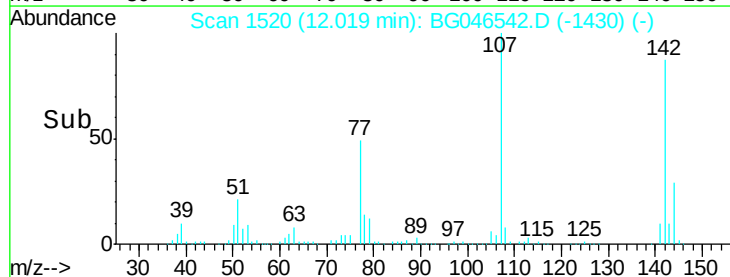
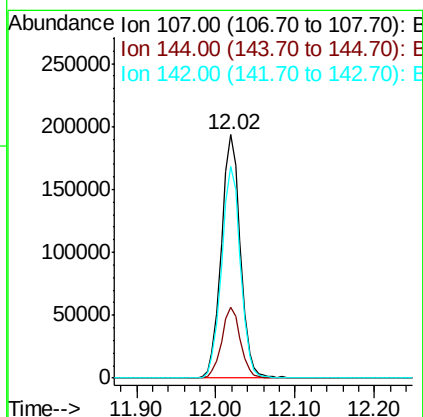
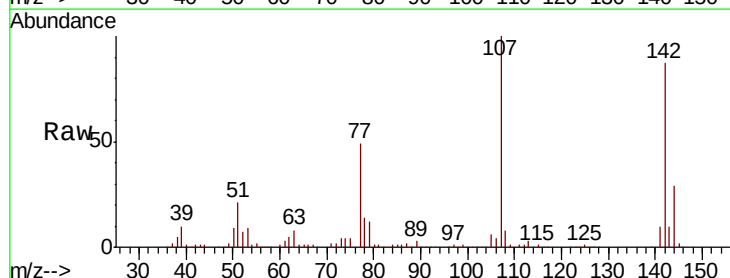
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

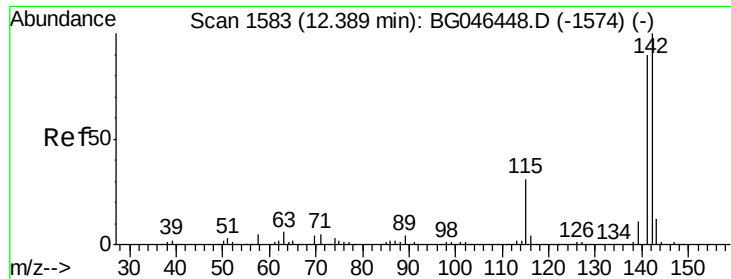
Tot Ion:113 Resp: 71688
Ion Ratio Lower Upper
113 100
55 168.9 144.2 184.2
56 115.2 97.0 137.0



#36
4-Chloro-3-methylphenol
Concen: 57.652 ng
RT: 12.02 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:107 Resp: 322430
Ion Ratio Lower Upper
107 100
144 29.0 23.3 34.9
142 86.8 73.7 110.5

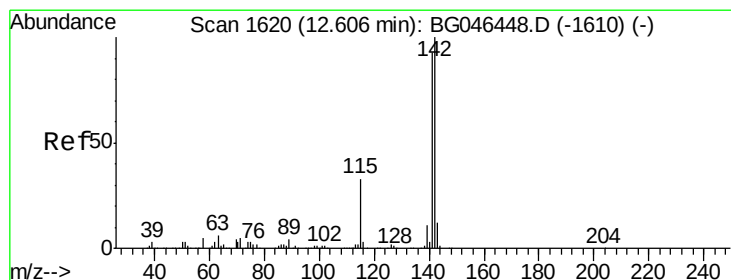
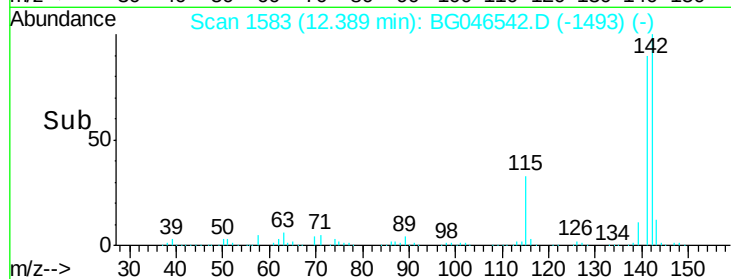
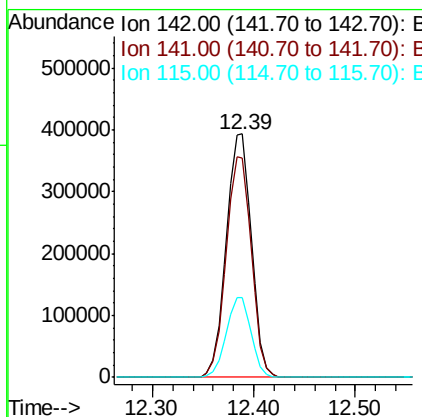
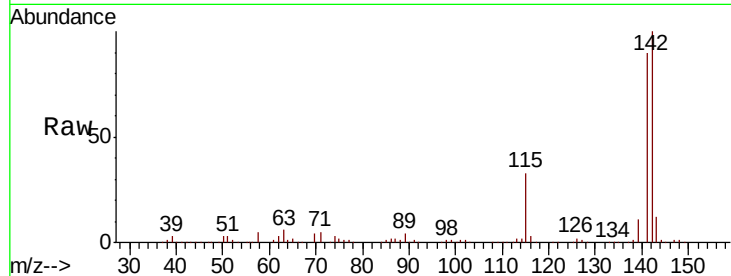




#37
2-Methylnaphthalene
Concen: 51.239 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

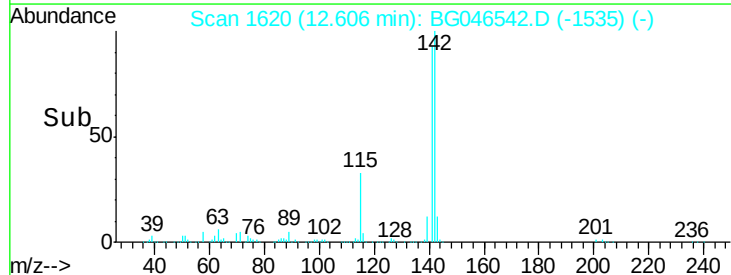
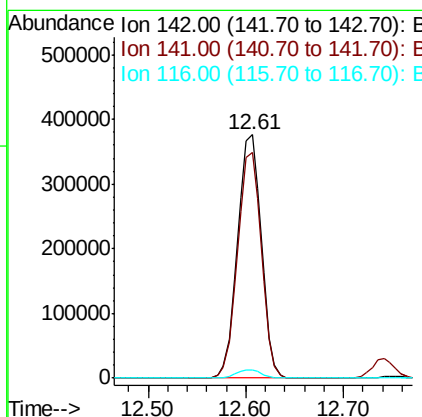
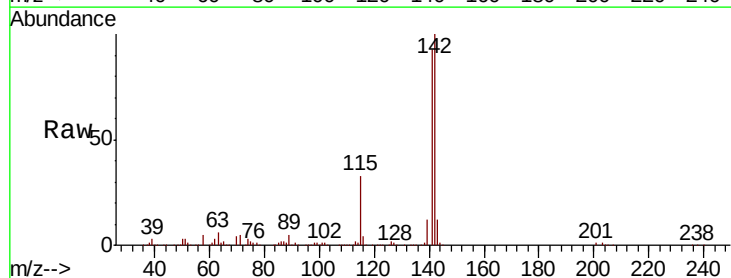
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

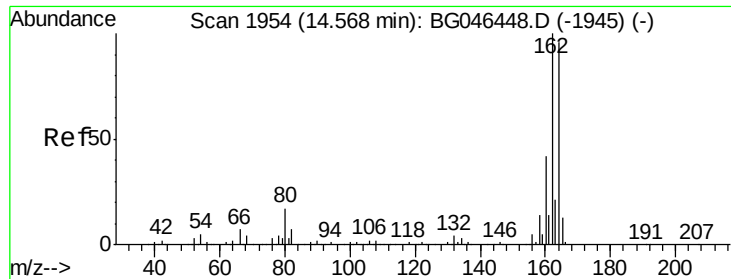
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1
115	32.5	24.9	37.3



#38
1-Methylnaphthalene
Concen: 51.092 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.7	112.1
116	3.5	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

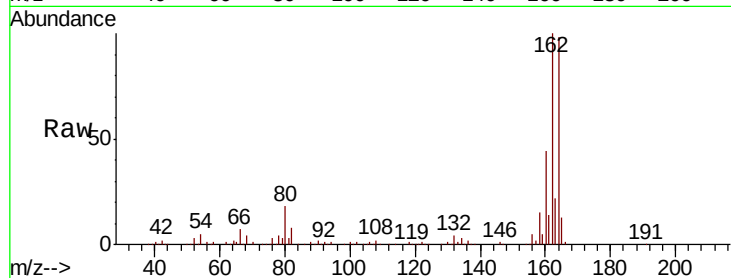
Tot Ion:164 Resp: 244181

Ion Ratio Lower Upper

164 100

162 102.3 83.3 124.9

160 44.9 35.0 52.6

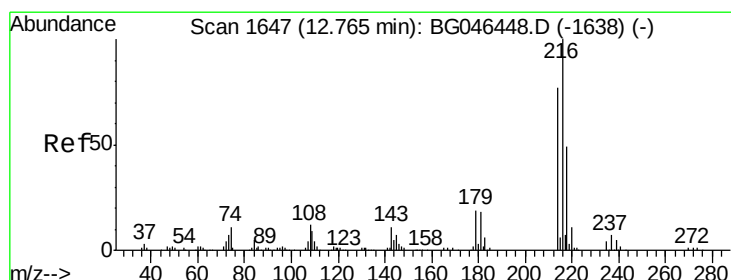
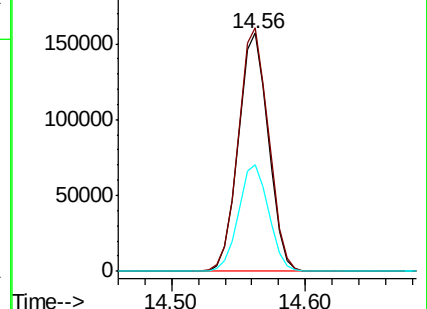
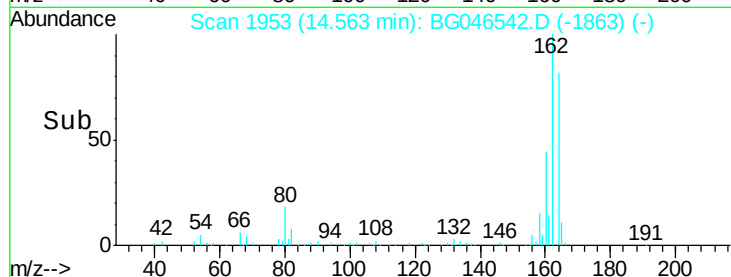


Abundance

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: 49.976 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tgt Ion:216 Resp: 402413

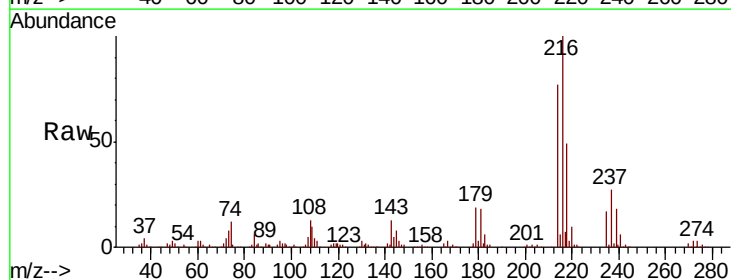
Ion Ratio Lower Upper

216 100

214 77.6 62.1 93.1

179 19.0 14.9 22.3

108 15.5 10.5 15.7



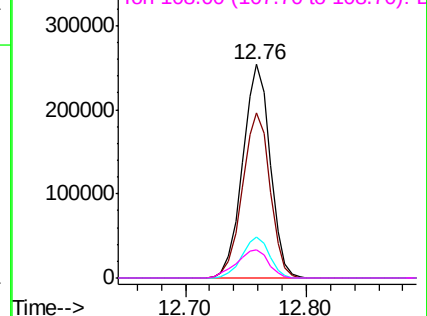
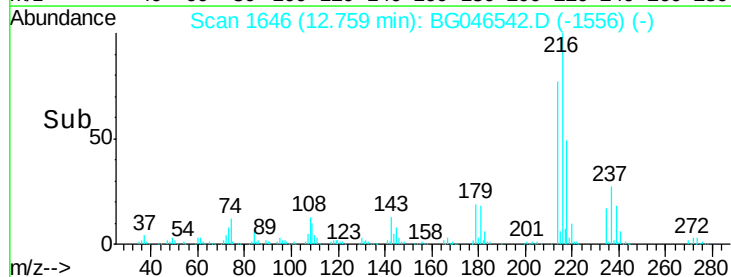
Abundance

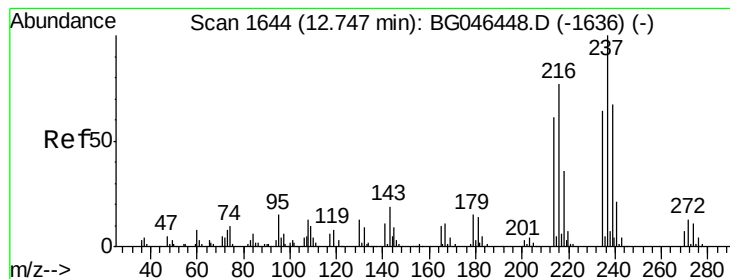
Ion 216.00 (215.70 to 216.70): E

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: 136.463 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

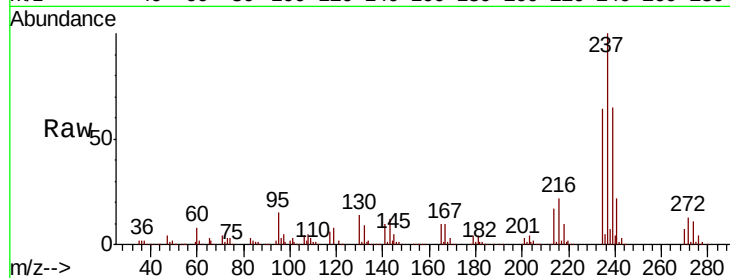
Tot Ion:237 Resp: 477795

Ion Ratio Lower Upper

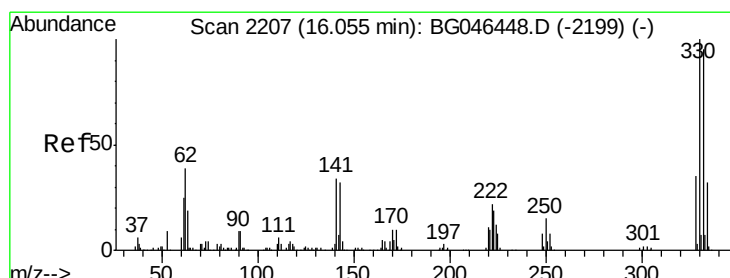
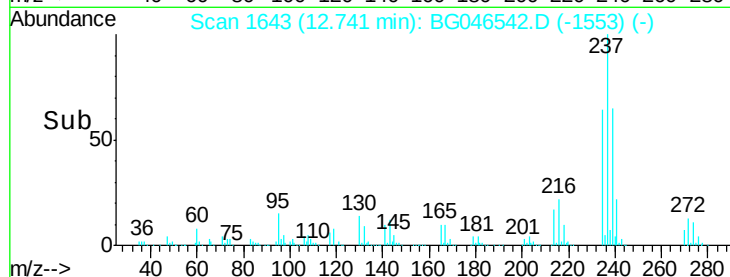
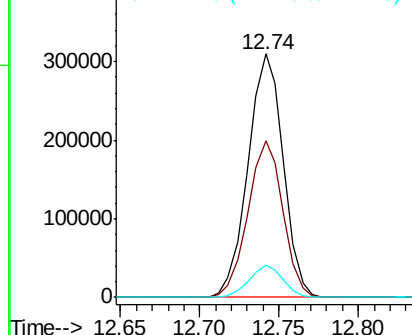
237 100

235 64.1 44.5 84.5

272 13.1 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: 72.295 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

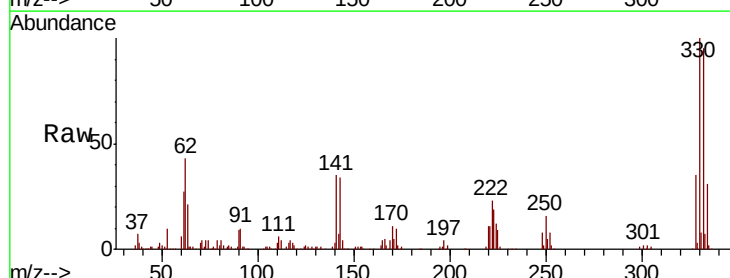
Tgt Ion:330 Resp: 239187

Ion Ratio Lower Upper

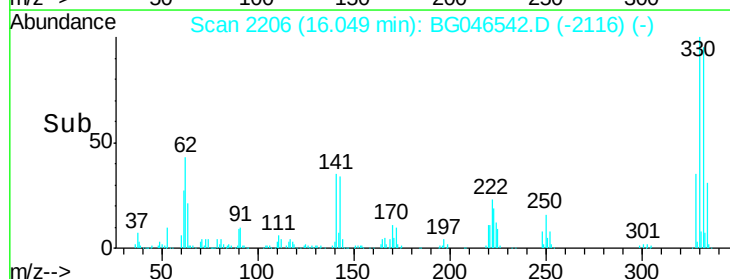
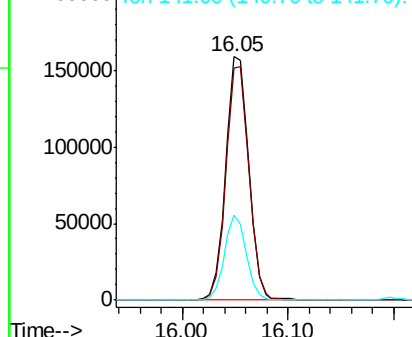
330 100

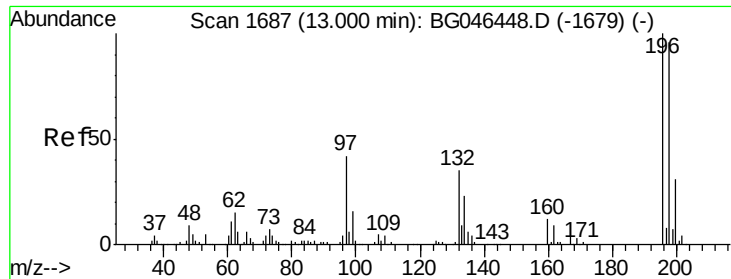
332 96.1 76.1 114.1

141 33.3 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

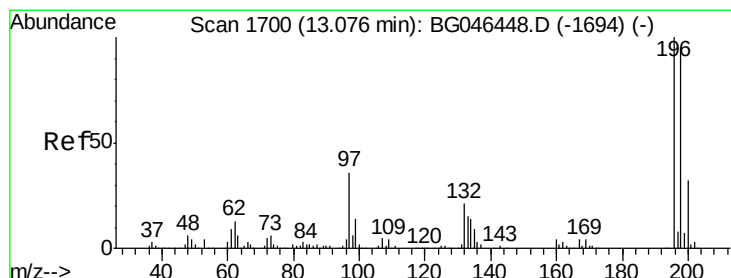
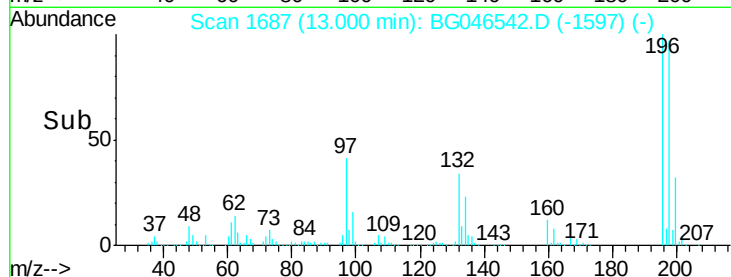
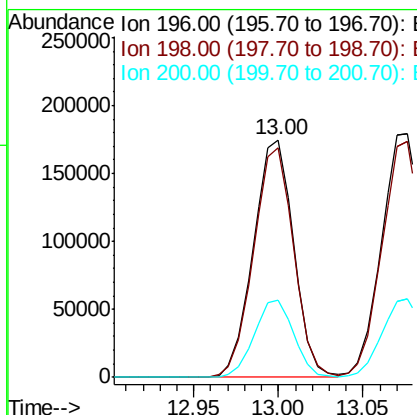
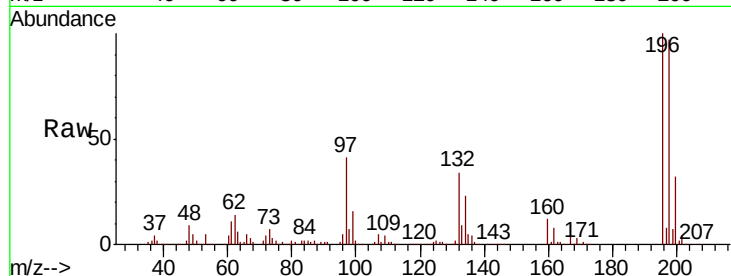




#43
 2,4,6-Trichlorophenol
 Concen: 53.212 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

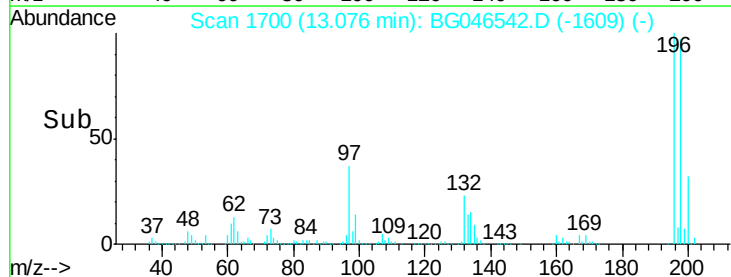
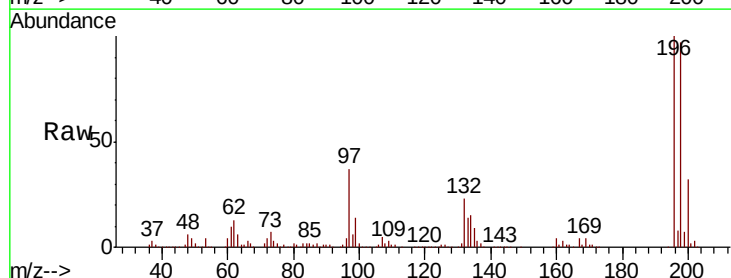
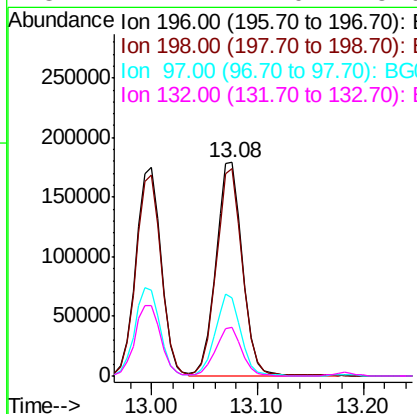
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

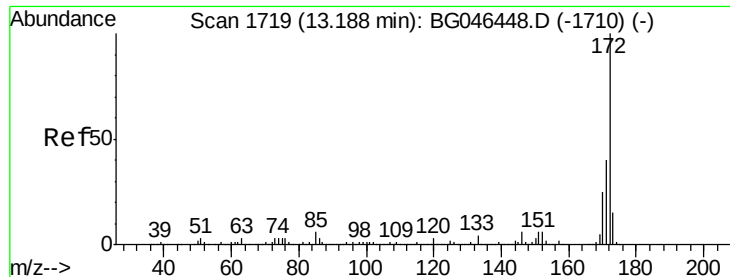
Tot Ion:196 Resp: 289147
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.0 115.6
 200 32.5 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 54.468 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion:196 Resp: 310966
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.6 113.4
 97 36.6 28.6 43.0
 132 22.7 17.0 25.6

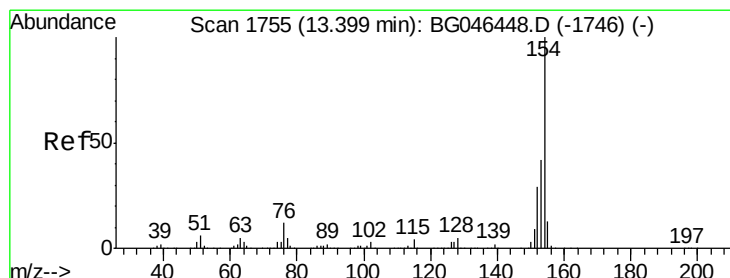
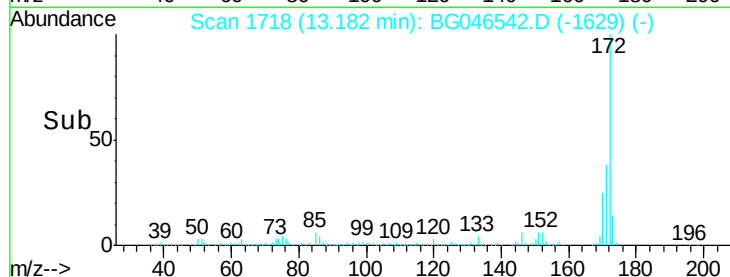
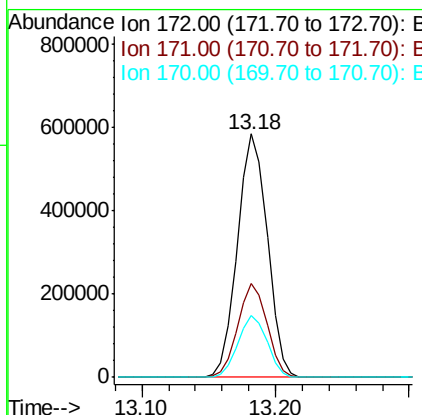
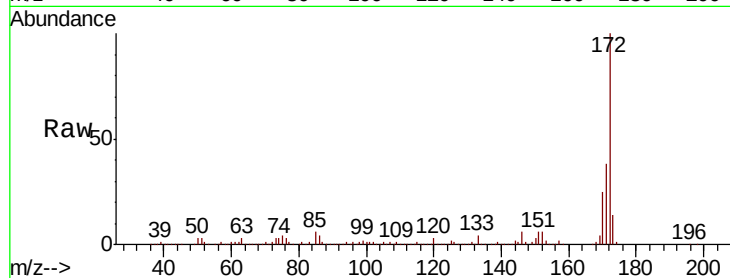




#45
2-Fluorobiphenyl
Concen: 56.729 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

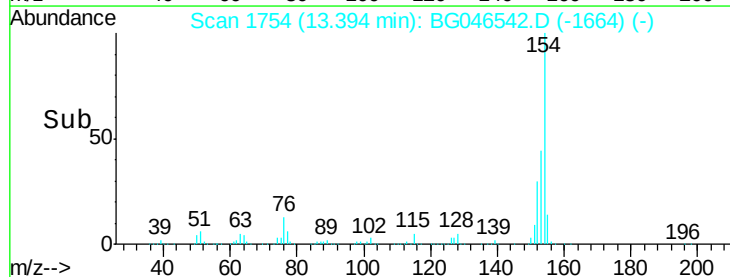
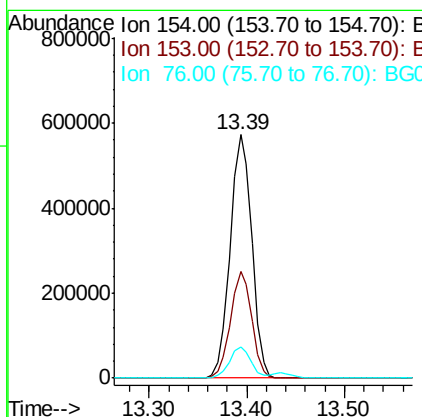
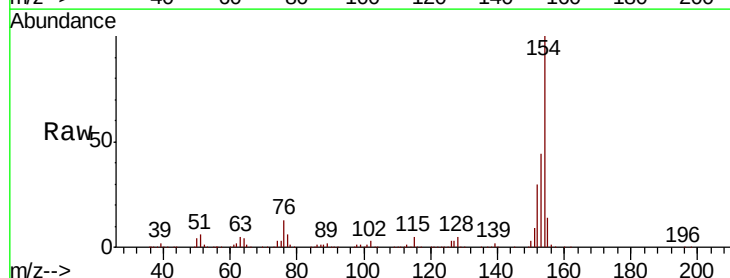
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

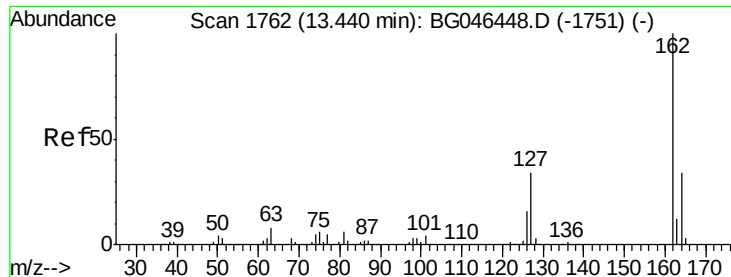
Tot Ion:172 Resp: 907413
Ion Ratio Lower Upper
172 100
171 38.3 31.8 47.6
170 25.4 20.3 30.5



#46
1,1'-Biphenyl
Concen: 51.790 ng
RT: 13.39 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:154 Resp: 879839
Ion Ratio Lower Upper
154 100
153 43.6 22.0 62.0
76 12.8 0.0 32.3

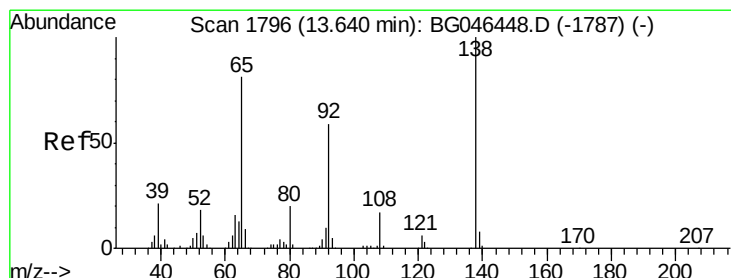
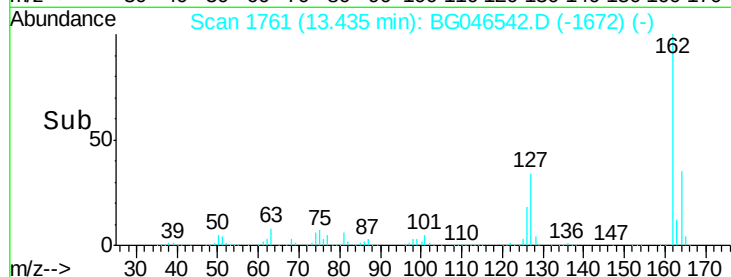
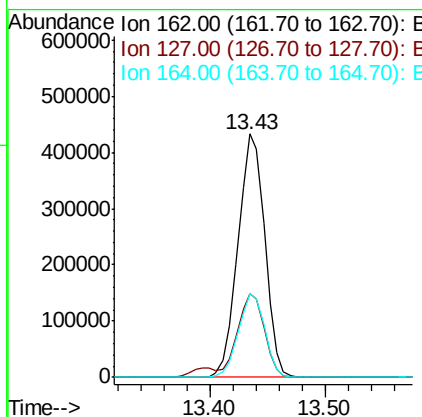
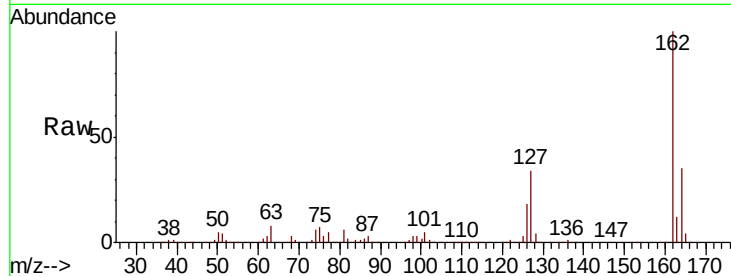




#47
 2-Chloronaphthalene
 Concen: 48.320 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

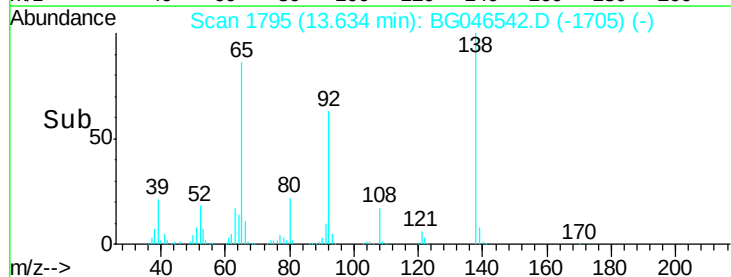
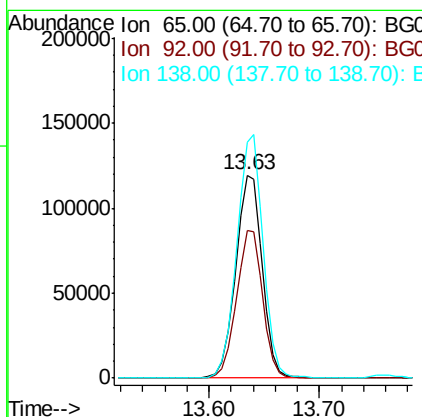
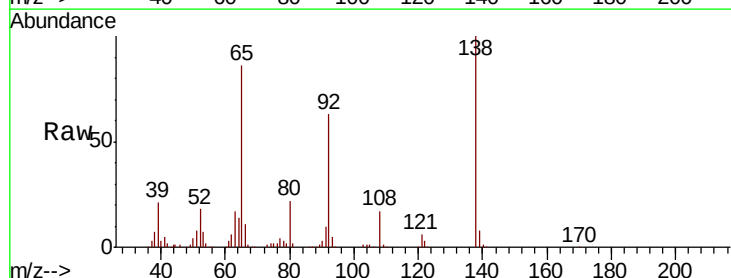
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

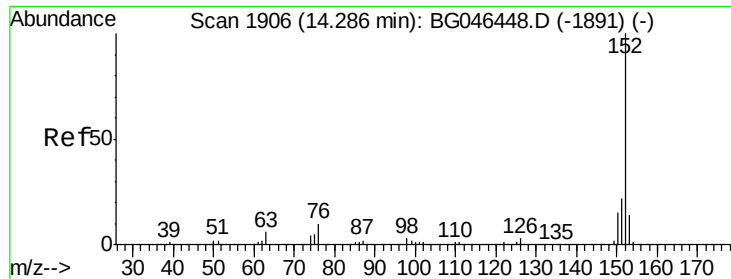
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	27.6	41.4
164	34.5	27.3	40.9



#48
 2-Nitroaniline
 Concen: 50.437 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.5	87.7
138	116.1	98.4	147.6





#49

Acenaphthylene

Concen: 50.116 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

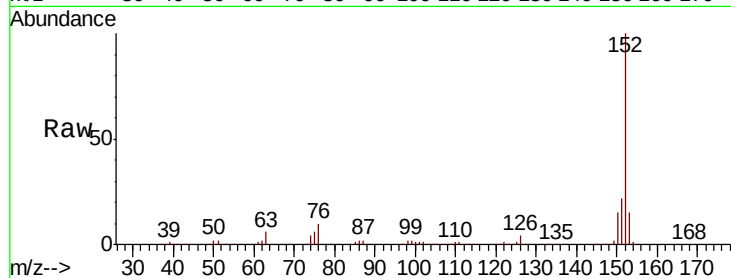
BNA_G

ClientSampleId :

AL-FALAH-5MSD

Tot Ion:152 Resp: 1095027

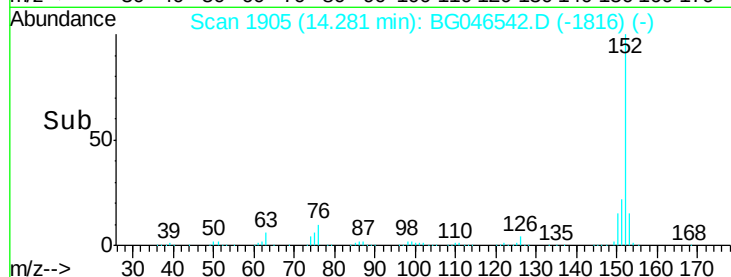
Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.7	26.5
153	14.7	11.2	16.8



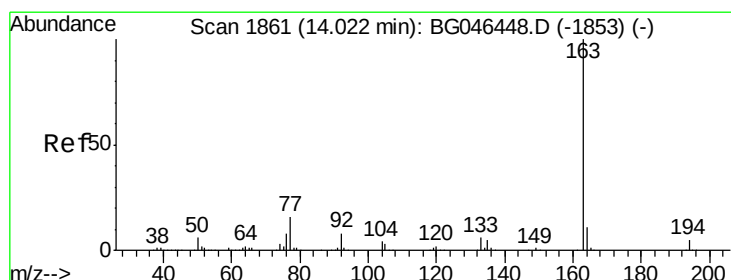
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 53.506 ng

RT: 14.02 min Scan# 1861

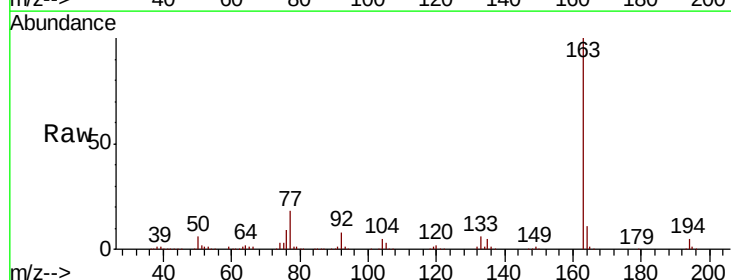
Delta R.T. 0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tgt Ion:163 Resp: 1010790

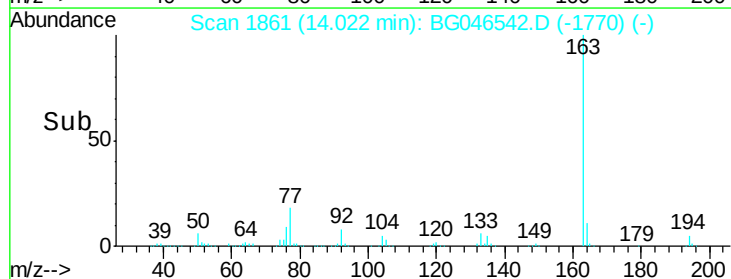
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.7	5.5
164	11.4	8.6	12.8



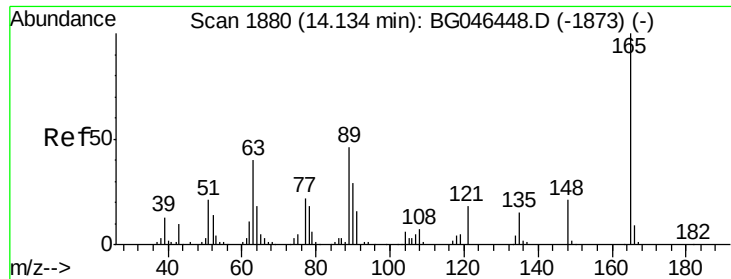
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#51

2,6-Dinitrotoluene

Concen: 52.191 ng

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

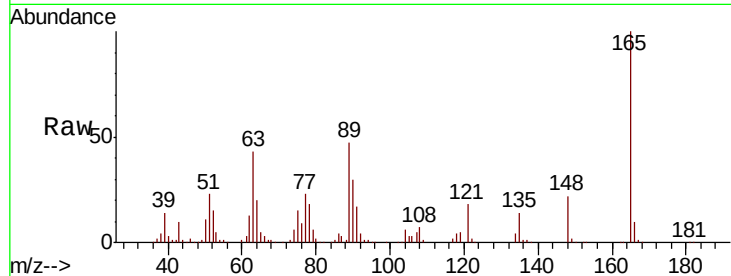
Tot Ion:165 Resp: 217336

Ion Ratio Lower Upper

165 100

63 43.1 34.2 51.4

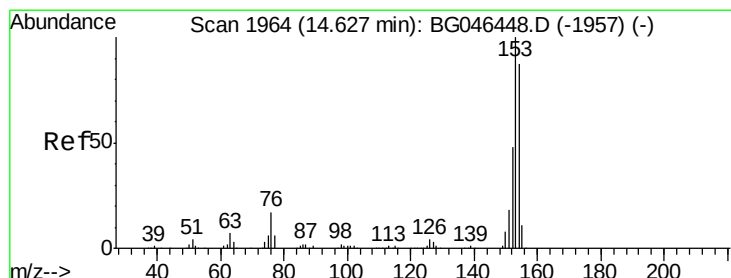
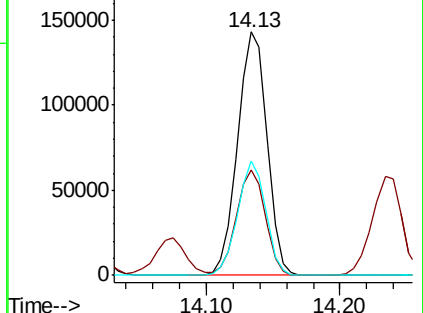
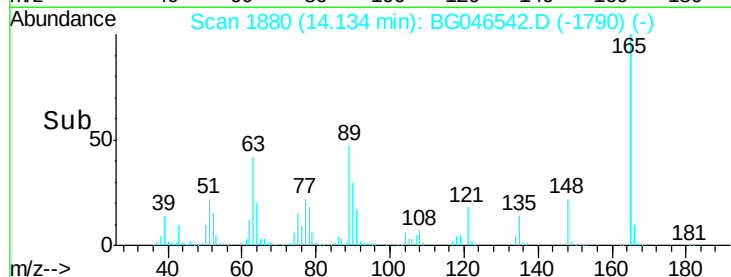
89 46.8 37.0 55.4



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: 49.831 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

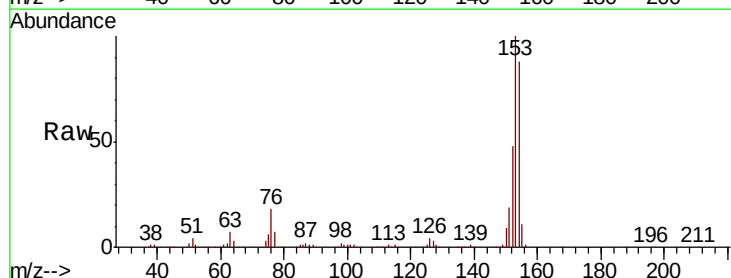
Tgt Ion:154 Resp: 674716

Ion Ratio Lower Upper

154 100

153 113.4 91.9 137.9

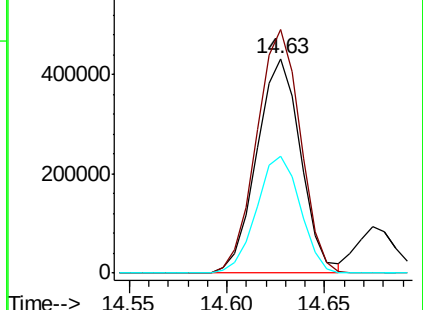
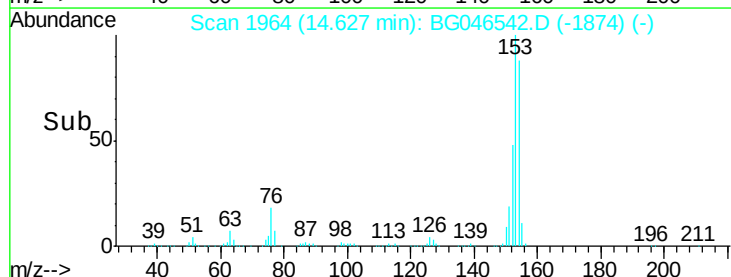
152 54.5 43.8 65.6

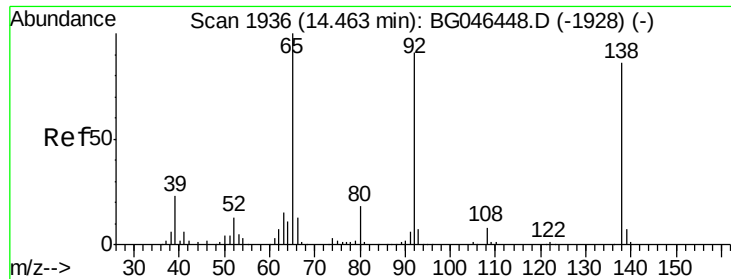


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

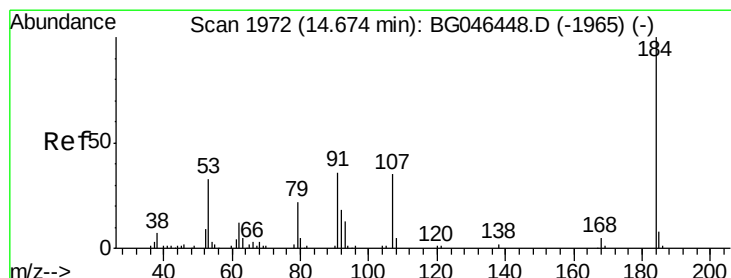
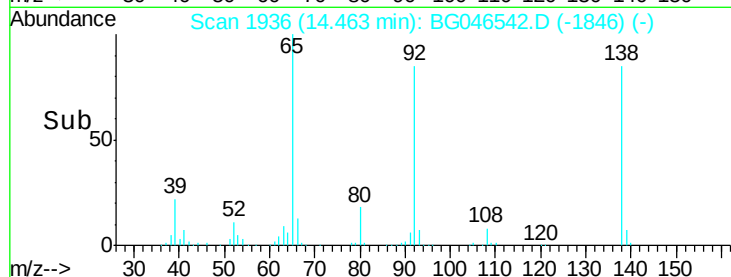
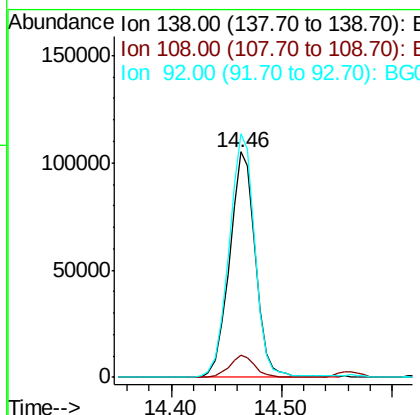
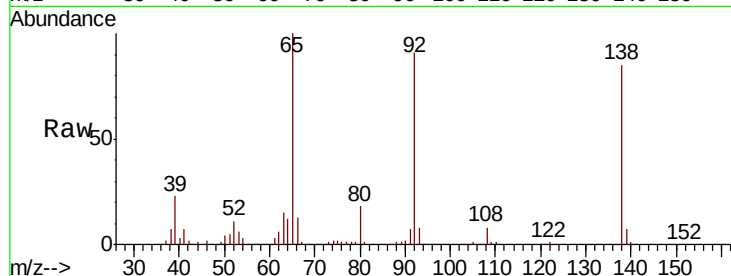




#53
3-Nitroaniline
Concen: 38.210 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

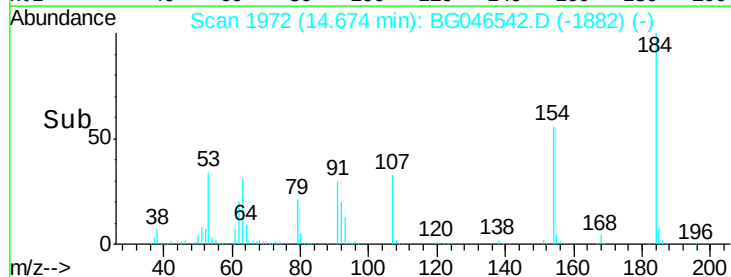
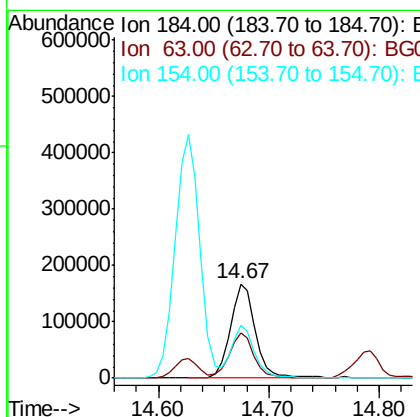
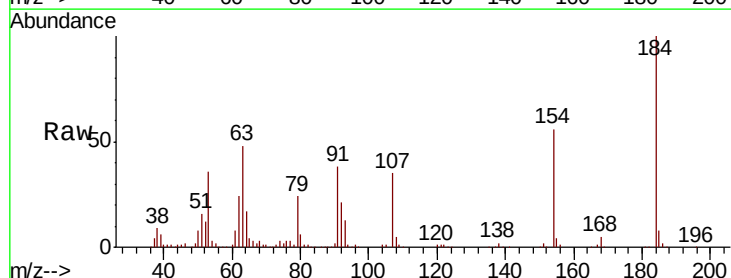
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

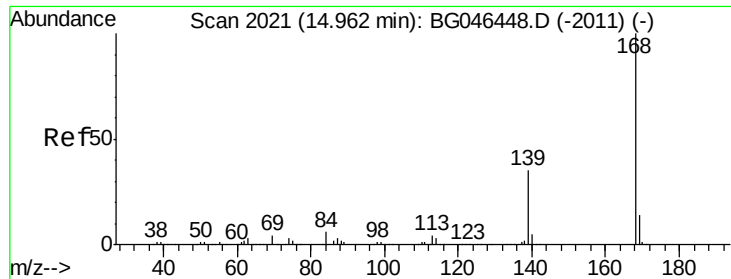
Tot Ion:138 Resp: 172356
Ion Ratio Lower Upper
138 100
108 9.8 7.0 10.6
92 108.0 84.6 127.0



#54
2,4-Dinitrophenol
Concen: 109.594 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:184 Resp: 266391
Ion Ratio Lower Upper
184 100
63 47.9 35.6 53.4
154 55.6 44.3 66.5

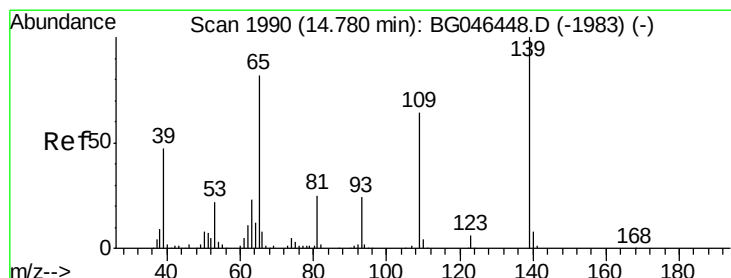
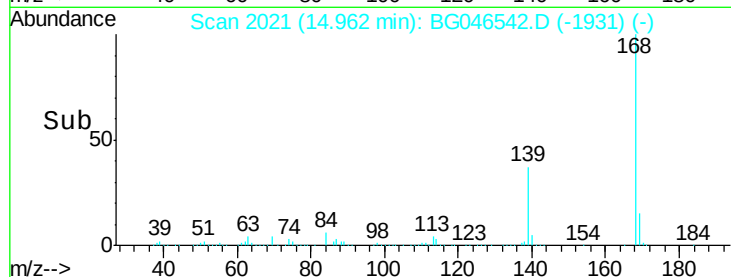
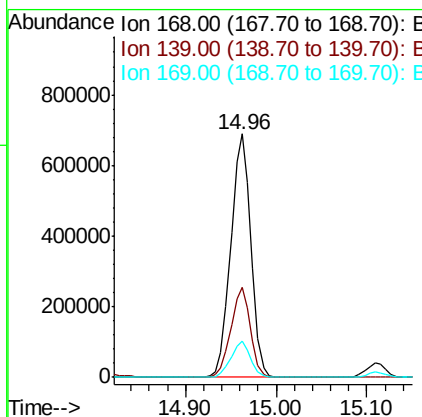
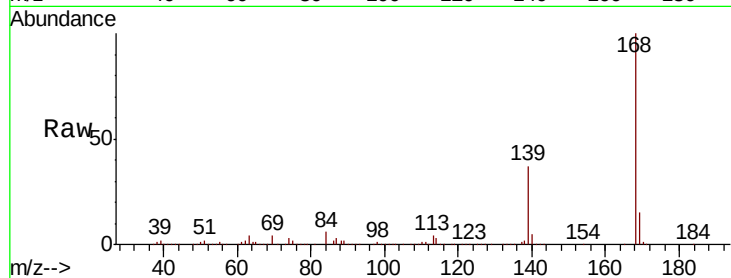




#55
Dibenzenofuran
Concen: 48.854 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

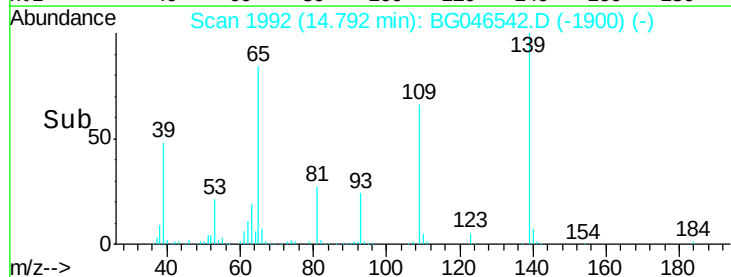
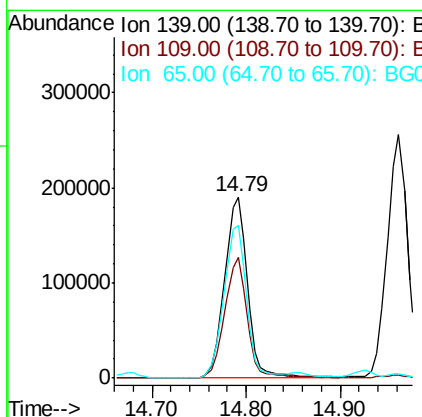
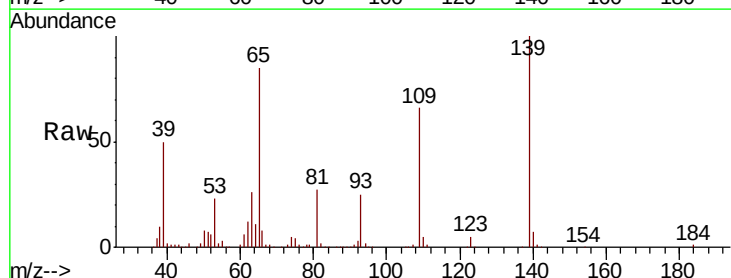
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

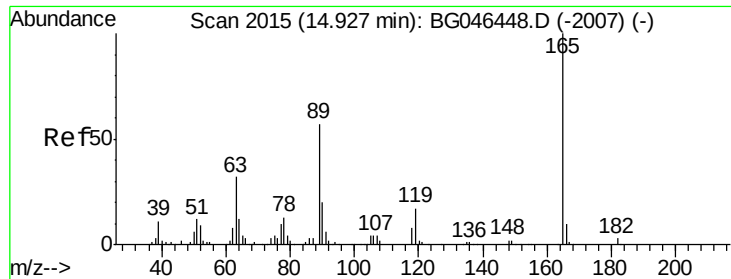
Tot Ion:168 Resp: 1061565
Ion Ratio Lower Upper
168 100
139 37.1 28.1 42.1
169 14.7 11.5 17.3



#56
4-Nitrophenol
Concen: 98.352 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:139 Resp: 326501
Ion Ratio Lower Upper
139 100
109 66.5 44.3 84.3
65 84.7 61.5 101.5

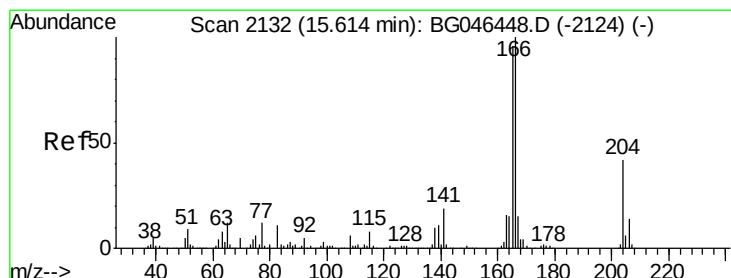
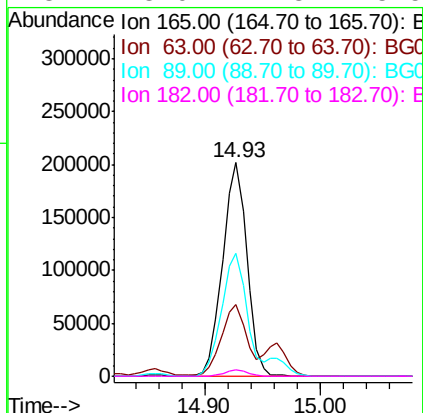
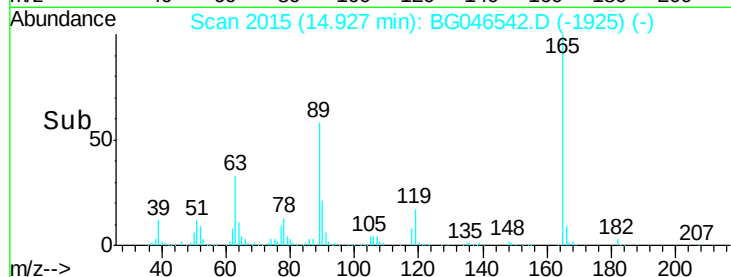
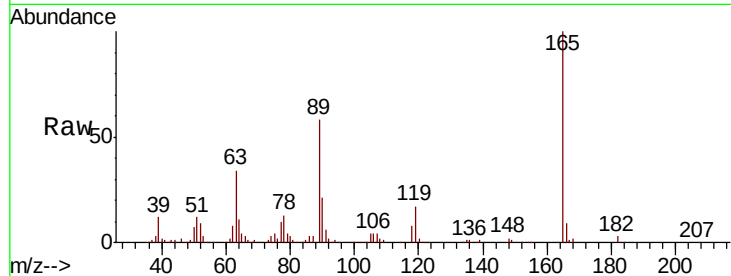




#57
2,4-Dinitrotoluene
Concen: 49.570 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

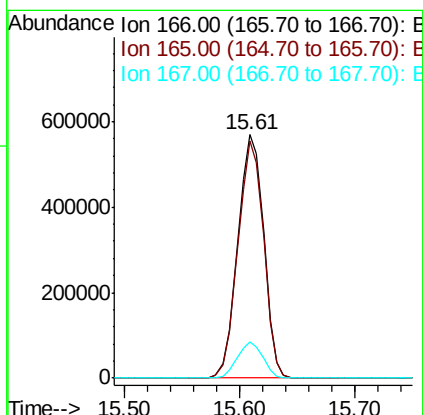
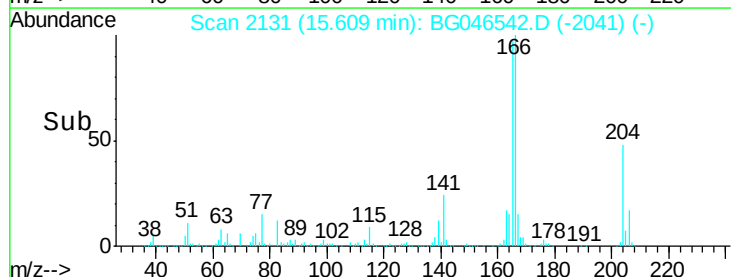
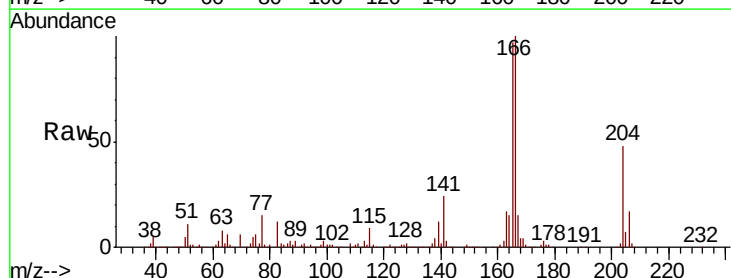
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

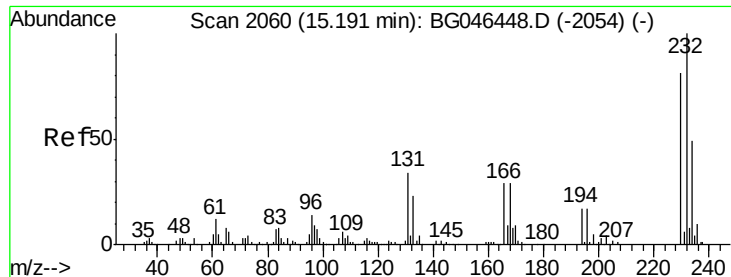
Tot Ion:165	Resp:	294331
Ion Ratio	Lower	Upper
165	100	
63	33.5	25.4 38.0
89	57.5	45.9 68.9
182	3.0	2.3 3.5



#58
Fluorene
Concen: 48.476 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:166	Resp:	884084
Ion Ratio	Lower	Upper
166	100	
165	97.3	77.0 115.4
167	14.8	11.8 17.6

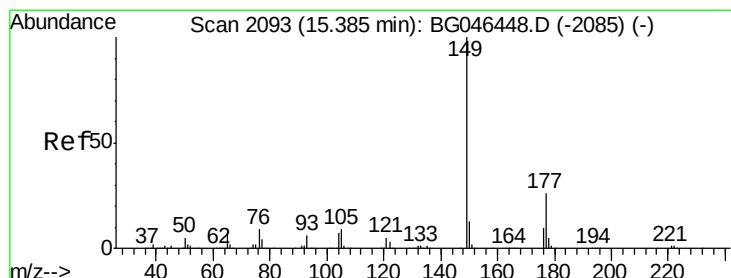
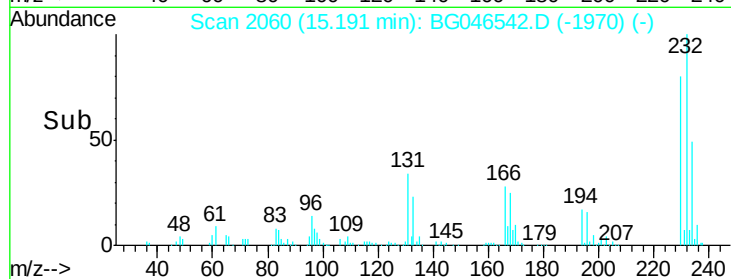
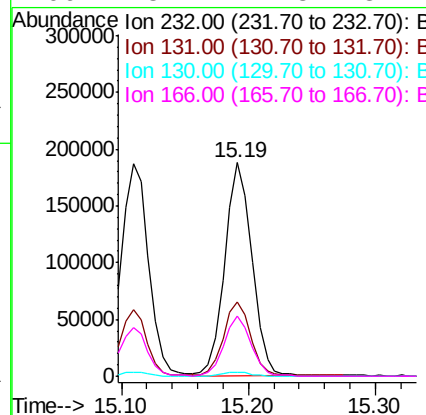
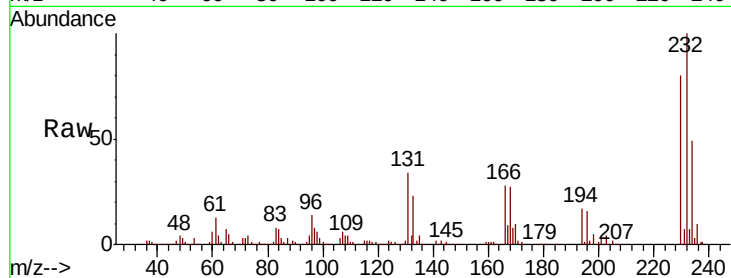




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.318 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

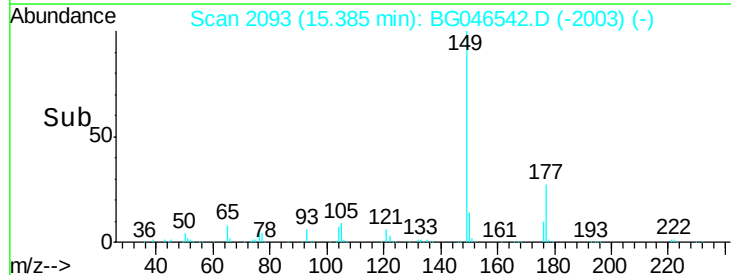
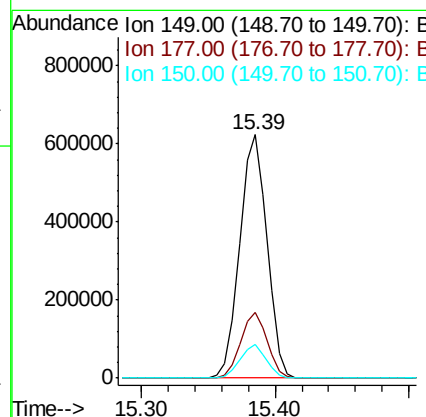
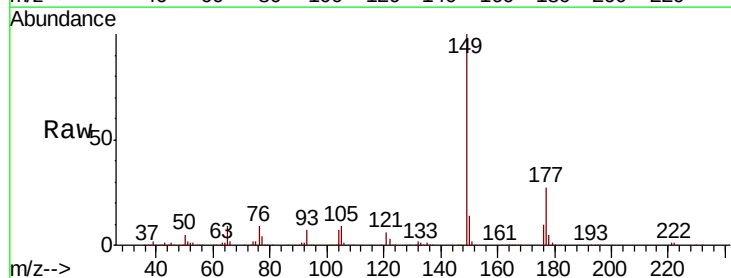
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

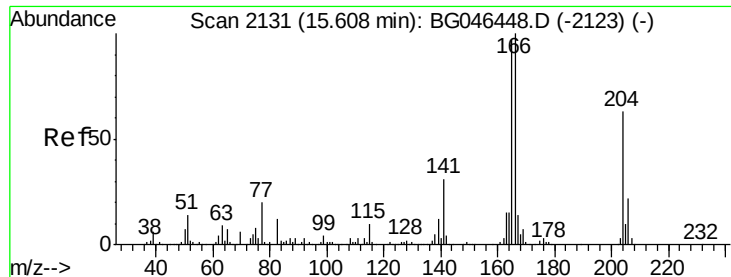
Tot Ion:	232	Resp:	278966
Ion	Ratio	Lower	Upper
232	100		
131	34.5	26.8	40.2
130	1.9	1.4	2.2
166	28.1	22.8	34.2



#60
 Diethylphthalate
 Concen: 47.797 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion:	149	Resp:	880362
Ion	Ratio	Lower	Upper
149	100		
177	27.2	20.6	30.8
150	13.6	10.3	15.5

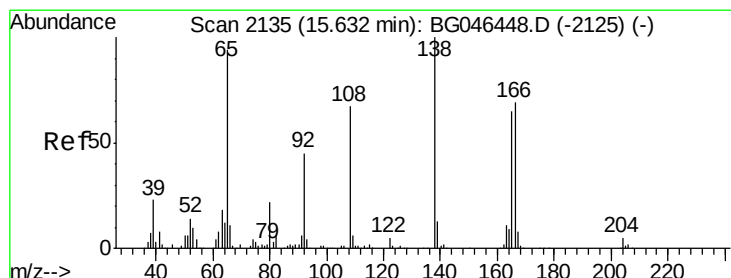
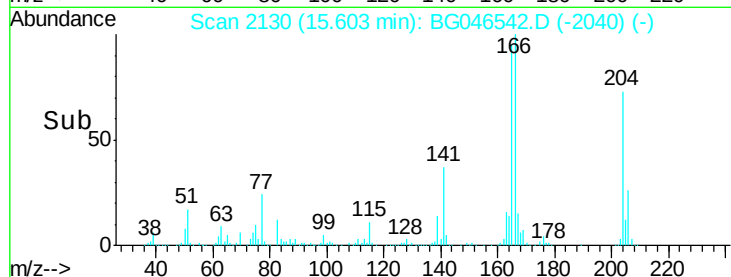
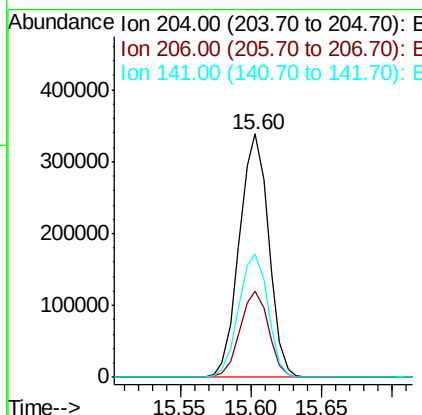
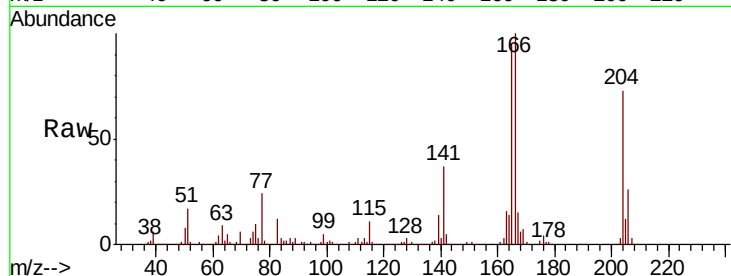




#61
 4-Chlorophenyl-phenylether
 Concen: 48.906 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

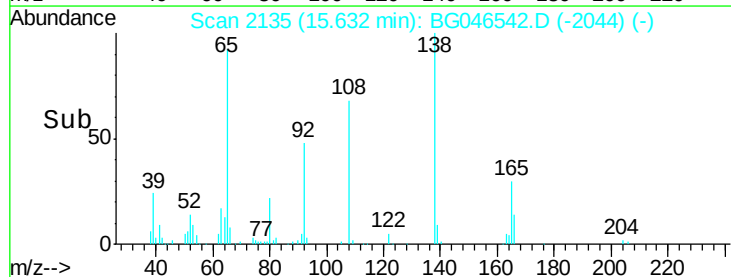
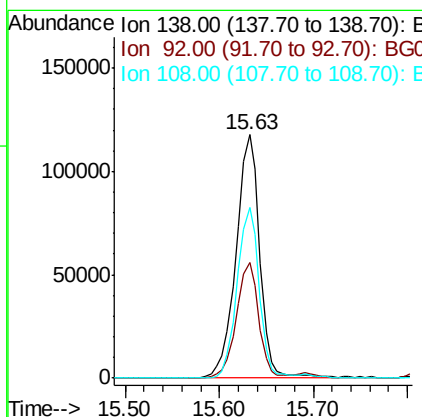
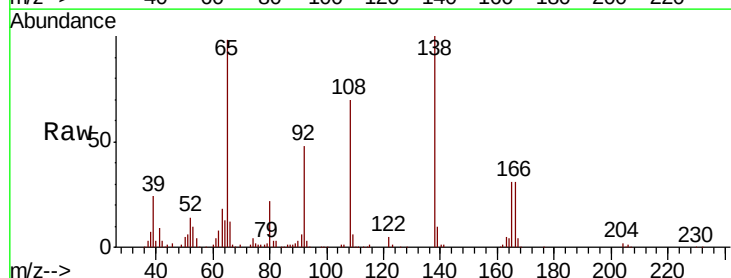
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

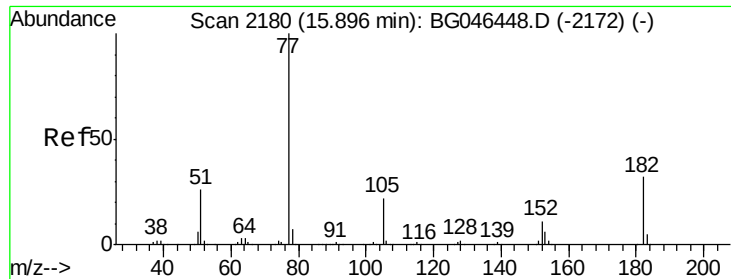
Tot Ion:204 Resp: 491222
 Ion Ratio Lower Upper
 204 100
 206 35.6 27.7 41.5
 141 50.9 38.7 58.1



#62
 4-Nitroaniline
 Concen: 43.316 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. 0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion:138 Resp: 206161
 Ion Ratio Lower Upper
 138 100
 92 47.5 25.3 65.3
 108 69.9 46.7 86.7

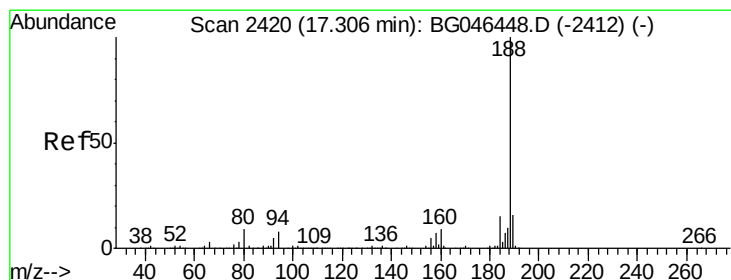
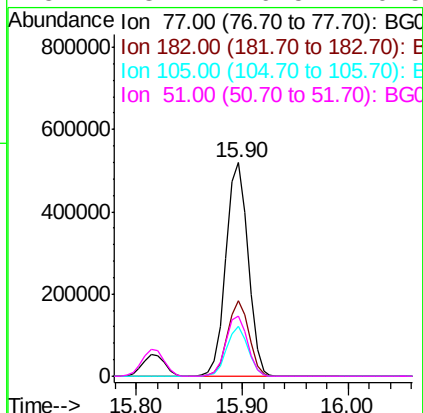
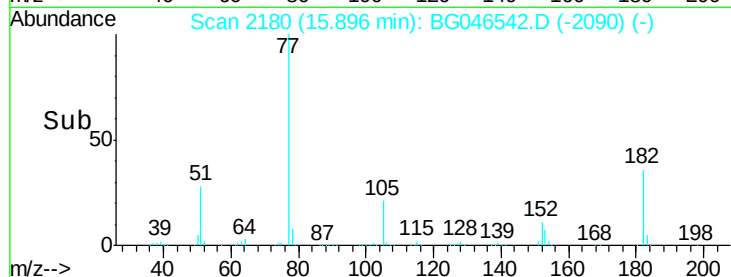
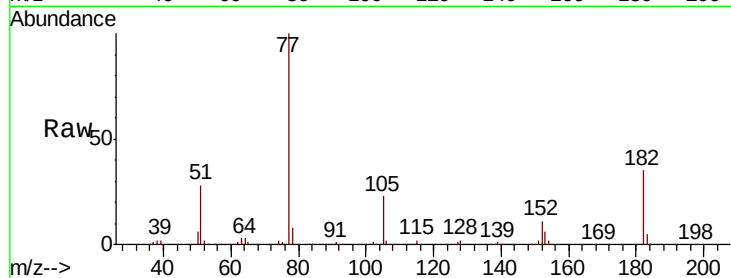




#63
Azobenzene
Concen: 50.102 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

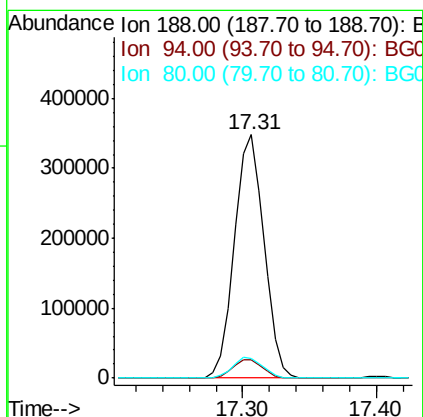
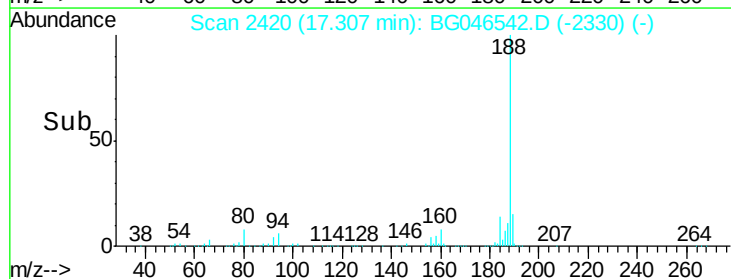
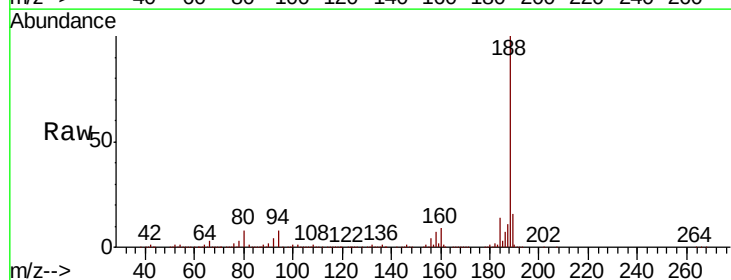
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

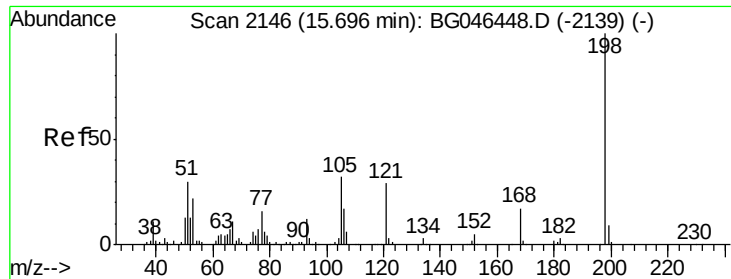
Tot Ion:	77	Resp:	750659
Ion	Ratio	Lower	Upper
77	100		
182	35.5	12.3	52.3
105	23.2	2.3	42.3
51	28.1	6.5	46.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:	188	Resp:	536692
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.3	9.5
80	8.1	6.9	10.3

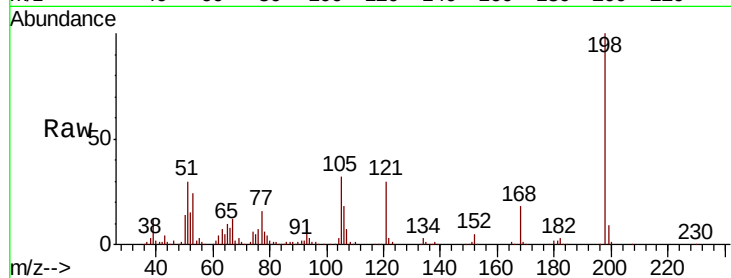




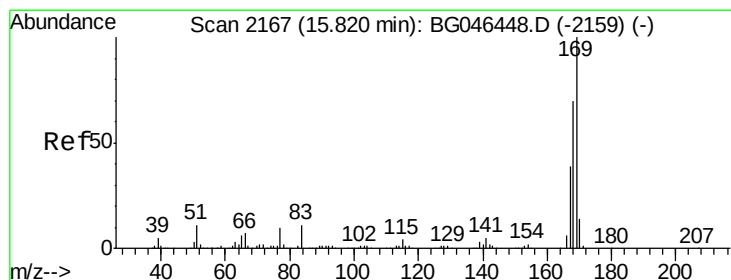
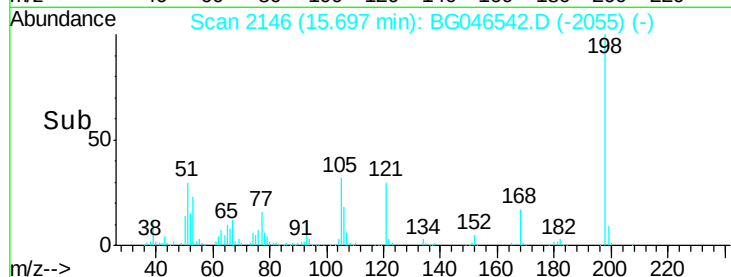
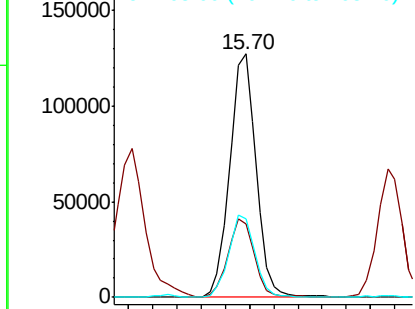
#65
4,6-Dinitro-2-methylphenol
Concen: 63.844 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.1	10.4	50.4
105	32.4	12.4	52.4

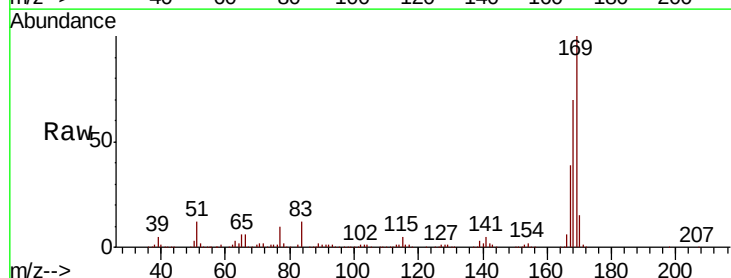


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

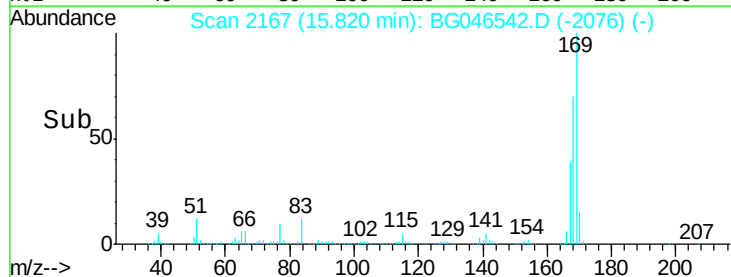
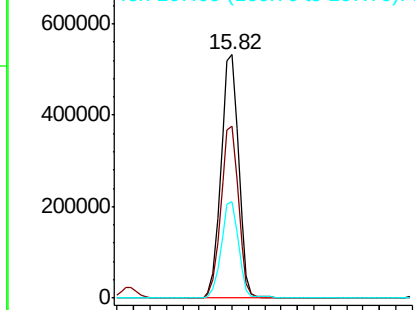


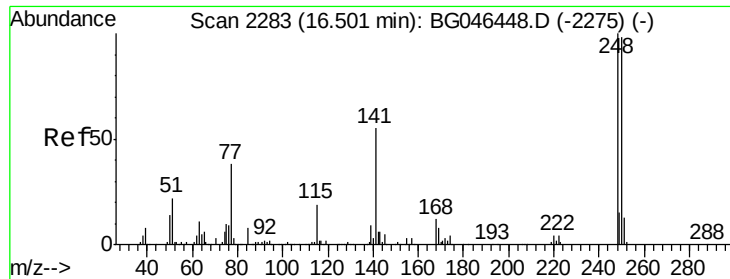
#66
n-Nitrosodiphenylamine
Concen: 55.053 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	55.8	83.8
167	39.4	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

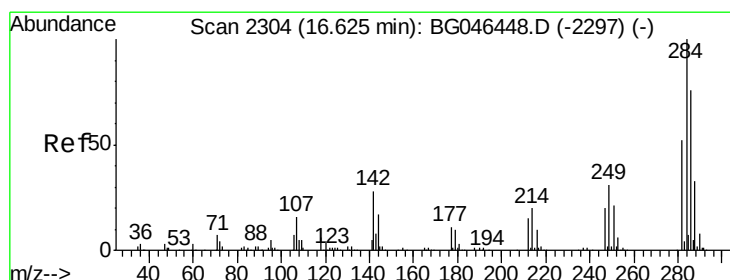
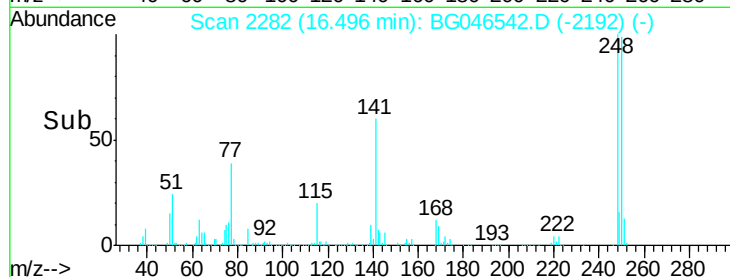
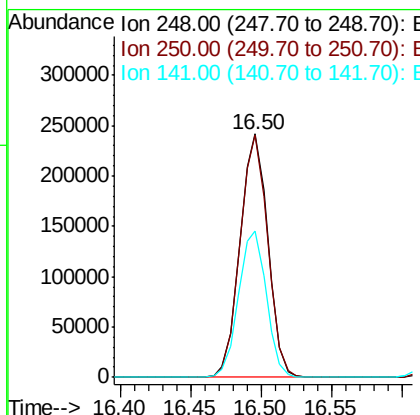
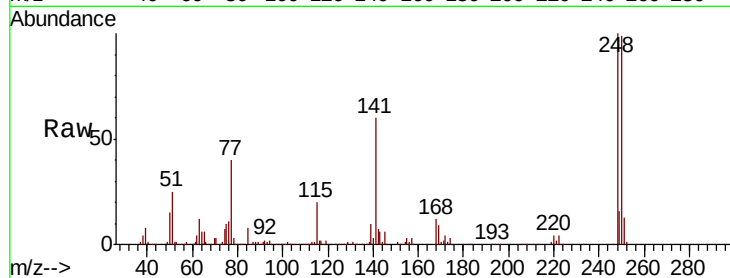




#67
4-Bromophenyl-phenylether
Concen: 53.245 ng
RT: 16.50 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

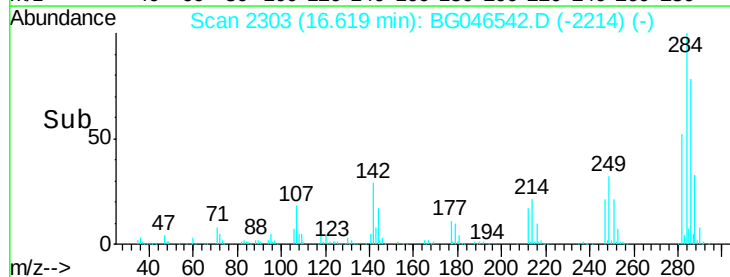
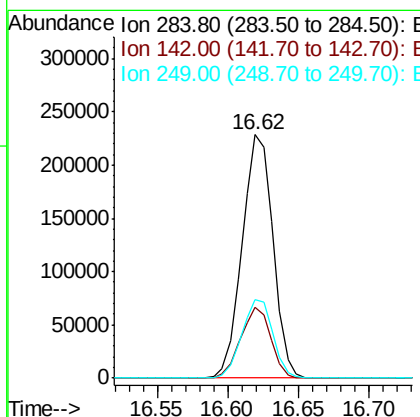
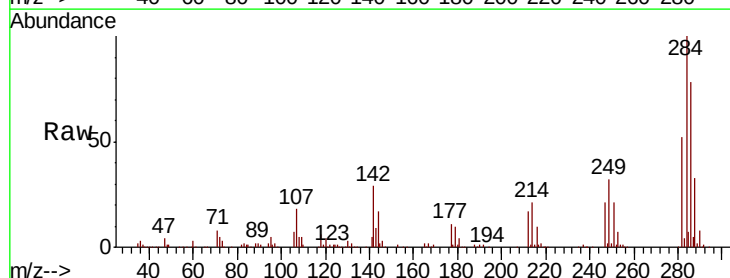
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

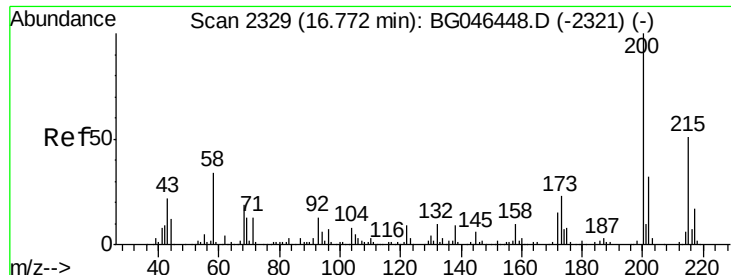
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.6	118.0
141	59.9	43.9	65.9



#68
Hexachlorobenzene
Concen: 50.318 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	22.3	33.5
249	32.5	24.8	37.2





#69

Atrazine

Concen: 41.099 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

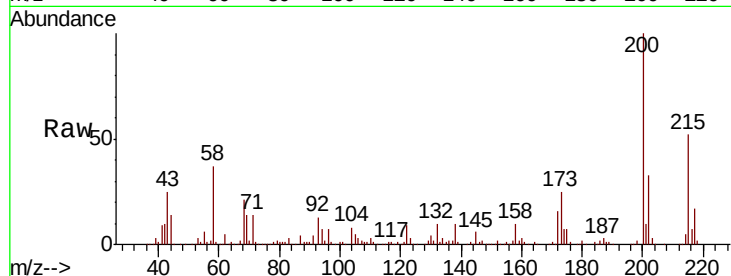
Tot Ion:200 Resp: 242758

Ion Ratio Lower Upper

200 100

173 24.6 3.3 43.3

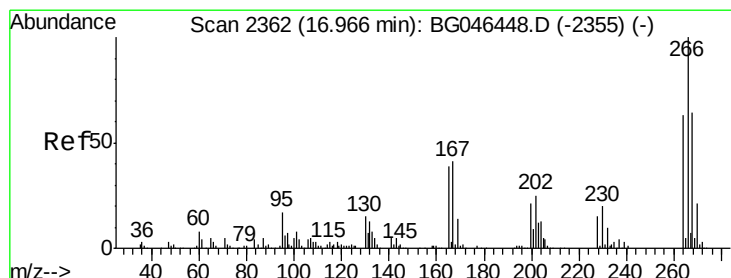
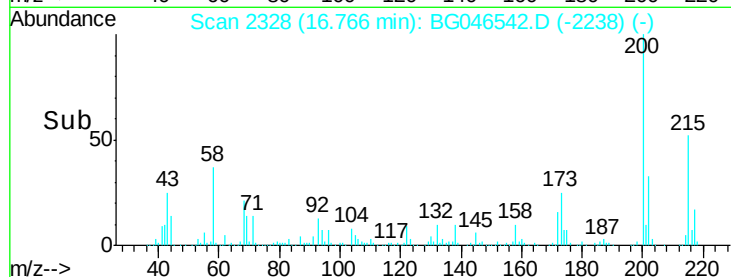
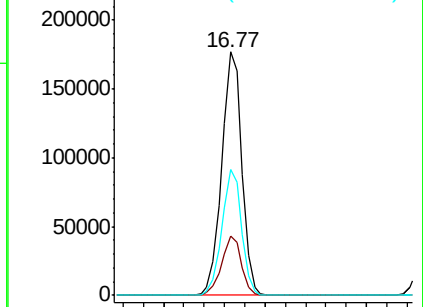
215 51.5 30.9 70.9



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: 113.402 ng

RT: 16.97 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

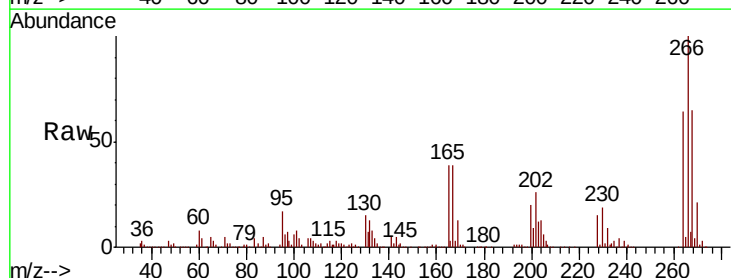
Tgt Ion:266 Resp: 410866

Ion Ratio Lower Upper

266 100

268 64.6 51.1 76.7

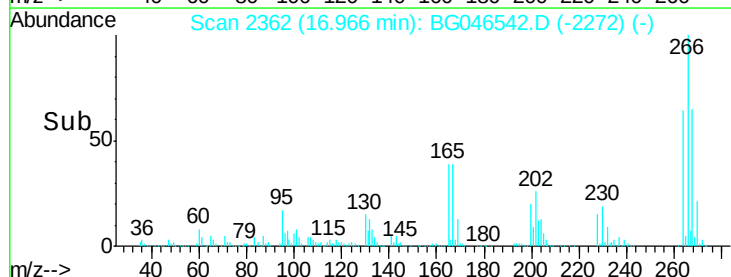
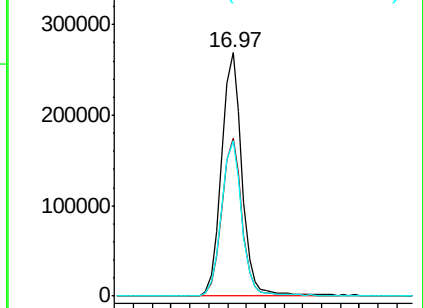
264 63.9 50.2 75.2

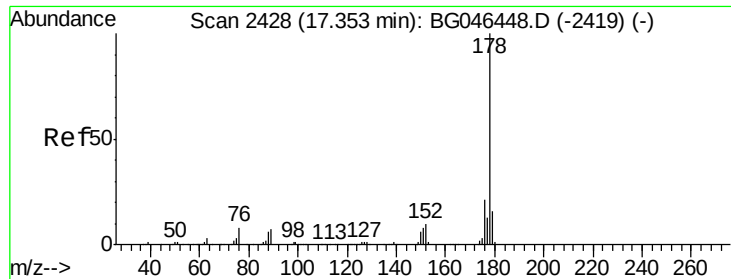


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.006 ng

RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

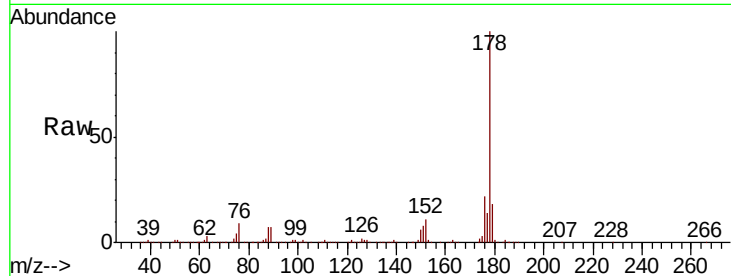
Tot Ion:178 Resp: 1360333

Ion Ratio Lower Upper

178 100

176 22.2 16.8 25.2

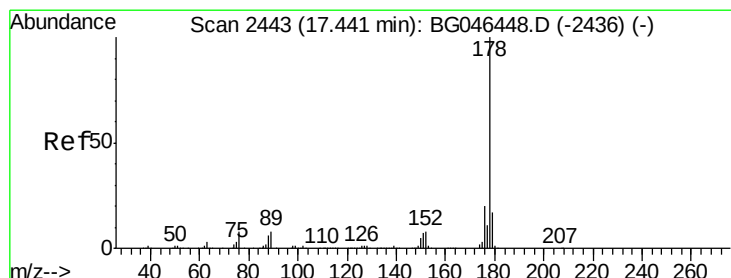
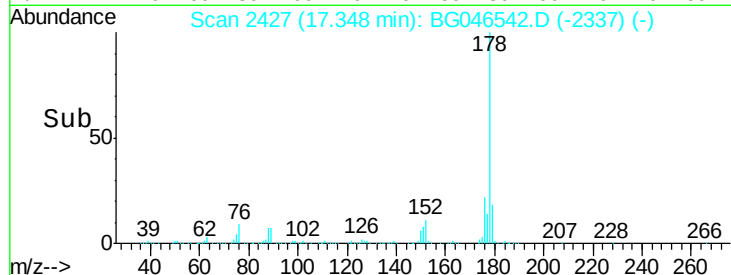
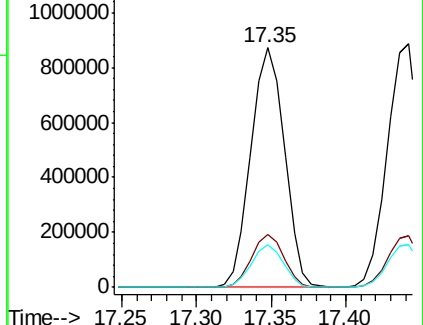
179 17.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.442 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

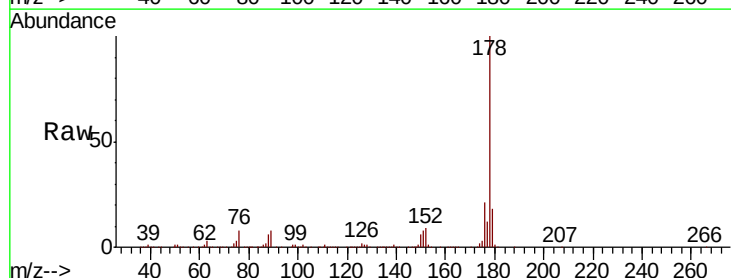
Tgt Ion:178 Resp: 1380676

Ion Ratio Lower Upper

178 100

176 21.4 16.1 24.1

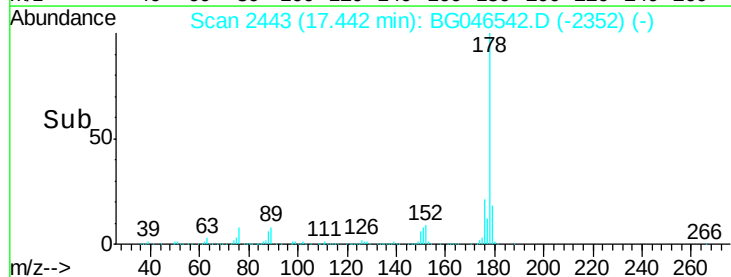
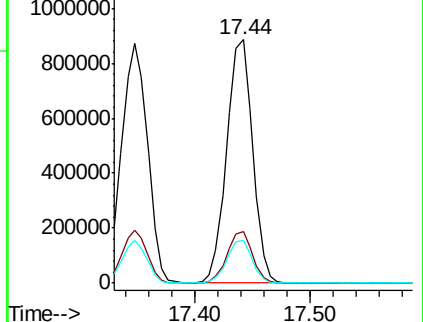
179 17.8 13.3 19.9

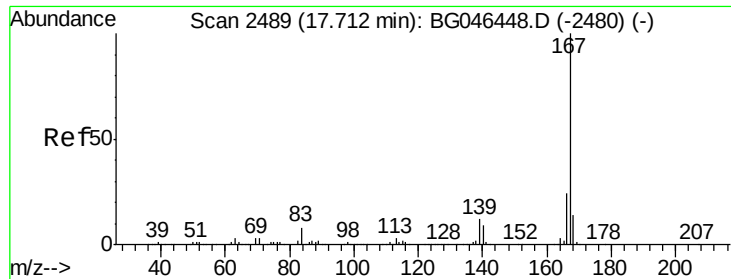


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.852 ng

RT: 17.71 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

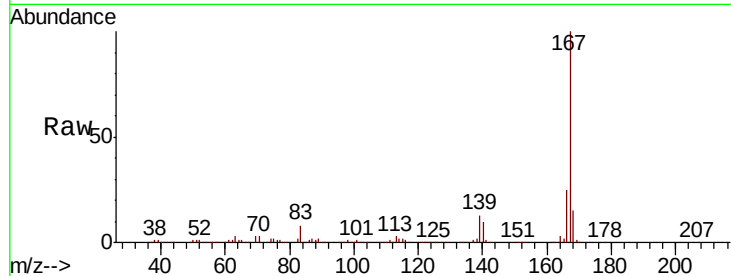
Tot Ion:167 Resp: 1237953

Ion Ratio Lower Upper

167 100

166 25.3 19.3 28.9

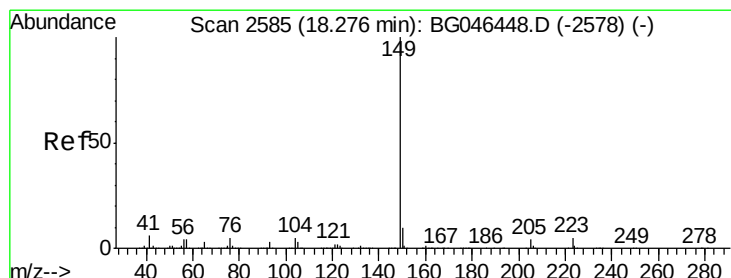
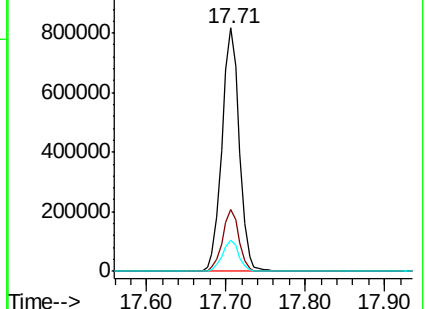
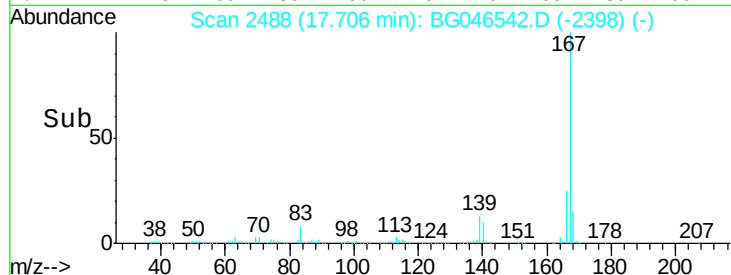
139 12.9 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.031 ng

RT: 18.27 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

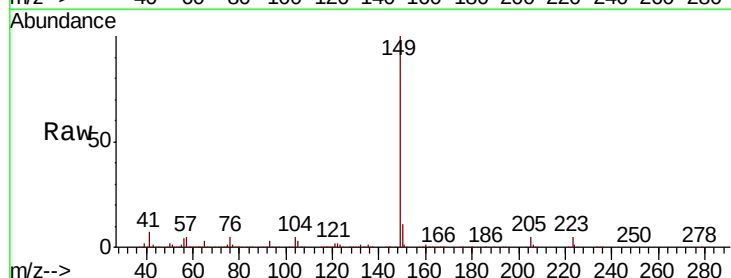
Tgt Ion:149 Resp: 1399600

Ion Ratio Lower Upper

149 100

150 10.9 8.1 12.1

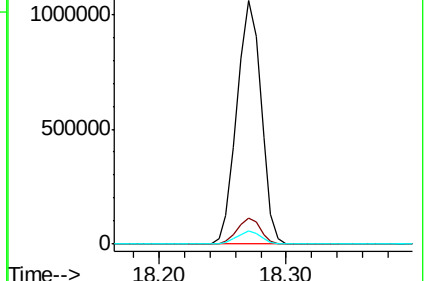
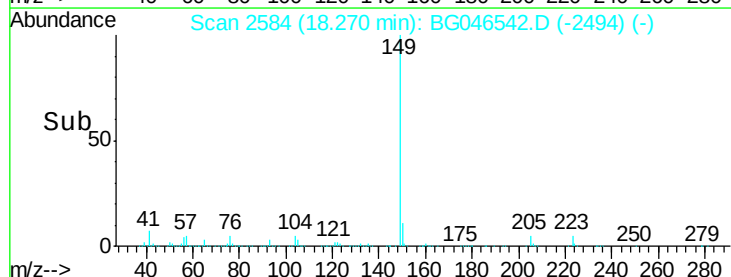
104 5.5 4.0 6.0

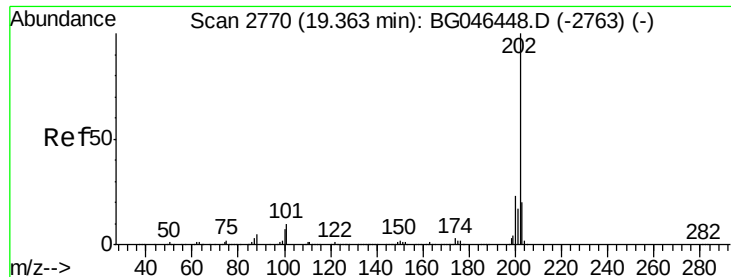


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.872 ng

RT: 19.36 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

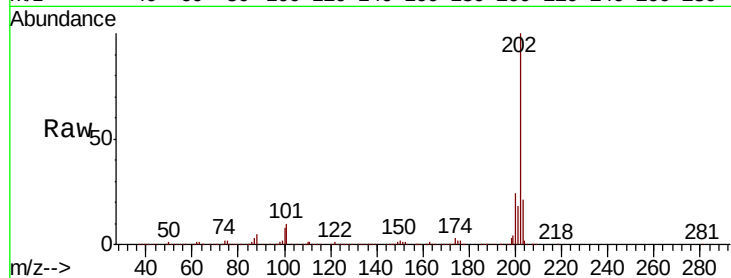
Tot Ion:202 Resp: 1640884

Ion Ratio Lower Upper

202 100

101 10.4 0.0 29.9

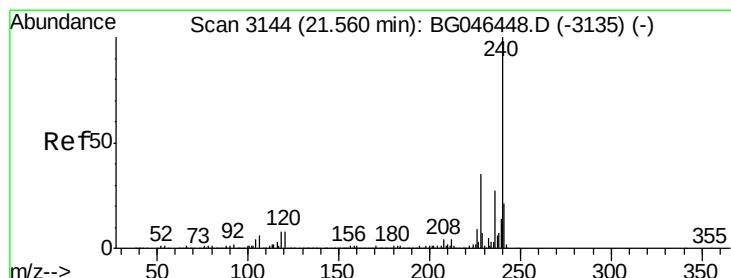
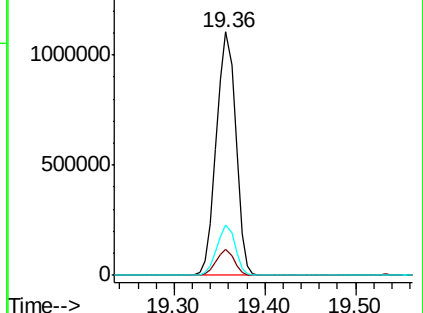
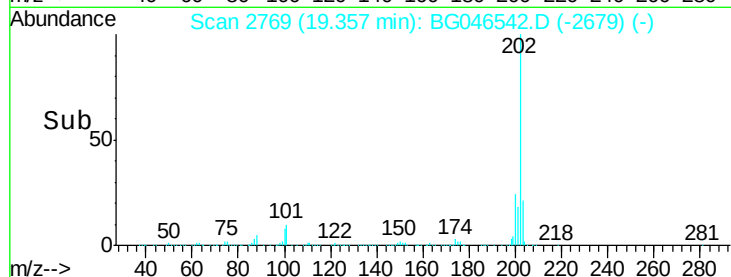
203 20.6 0.0 40.0



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: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

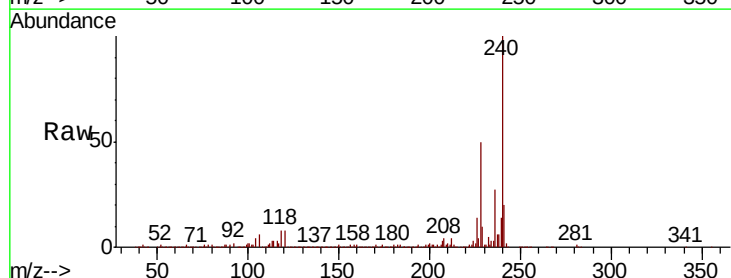
Tgt Ion:240 Resp: 502192

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

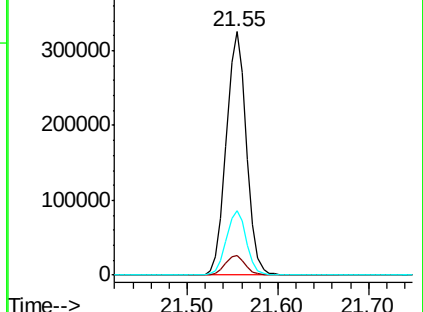
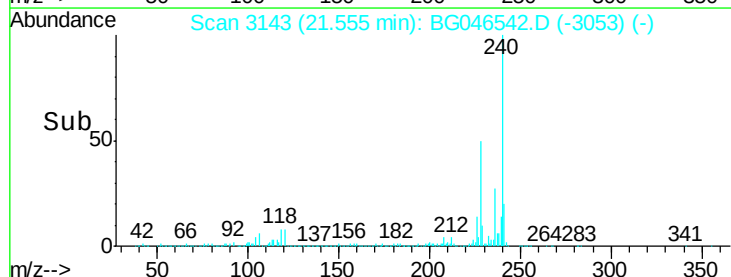
236 26.6 21.4 32.2

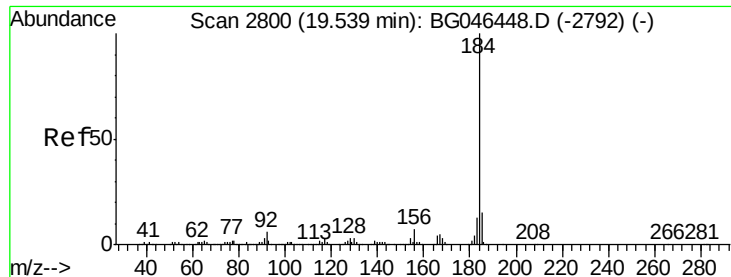


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

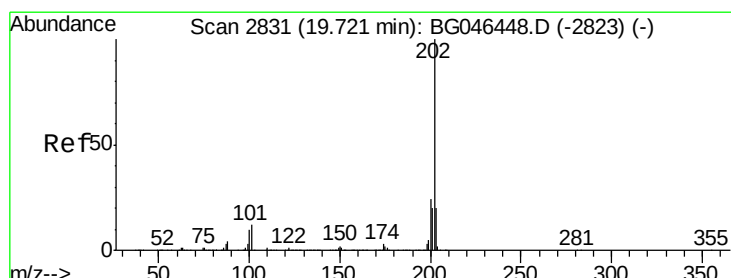
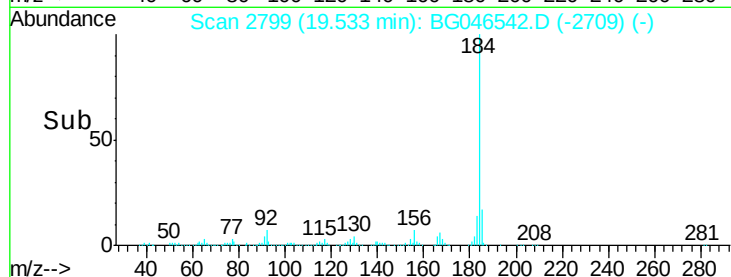
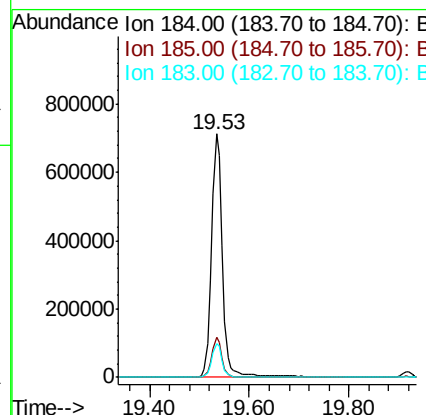
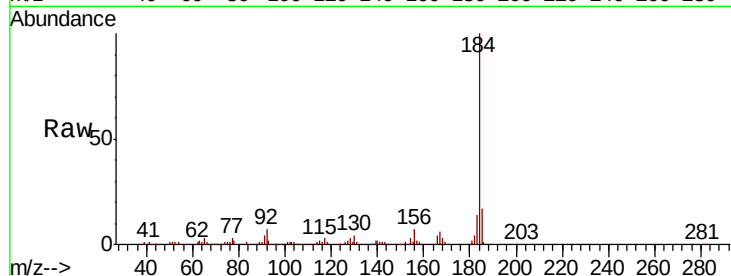




#77
Benzidine
Concen: 94.638 ng
RT: 19.53 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

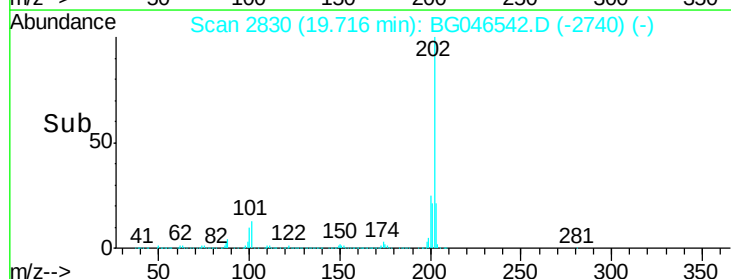
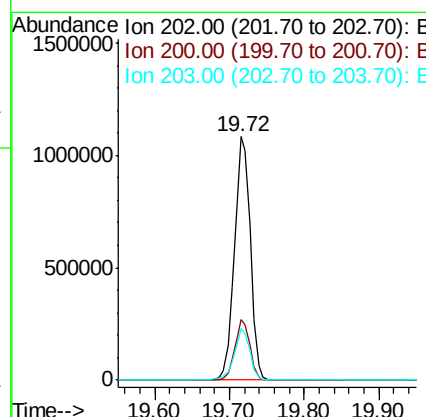
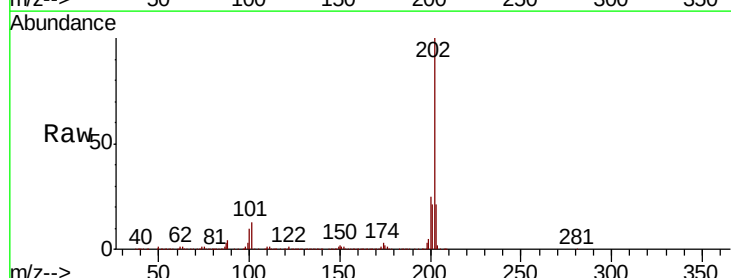
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

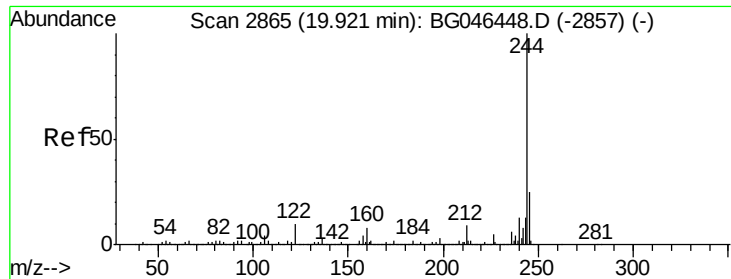
Tot Ion:184 Resp: 1104364
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.8
183 13.9 10.7 16.1



#78
Pyrene
Concen: 50.602 ng
RT: 19.72 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:202 Resp: 1618200
Ion Ratio Lower Upper
202 100
200 24.9 18.9 28.3
203 20.9 16.1 24.1





#79

Terphenyl-d14

Concen: 54.947 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

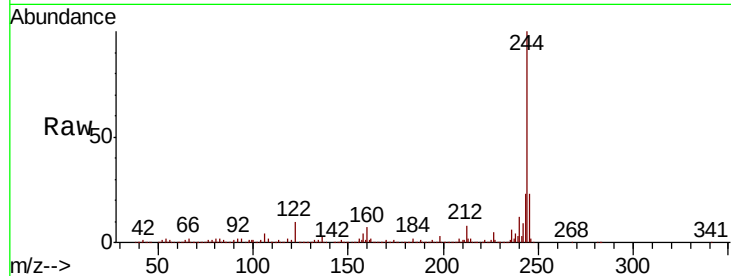
BNA_G

ClientSampleId :

AL-FALAH-5MSD

Tot Ion:244 Resp: 1296590

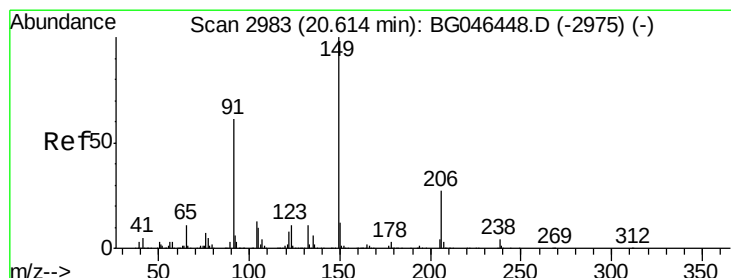
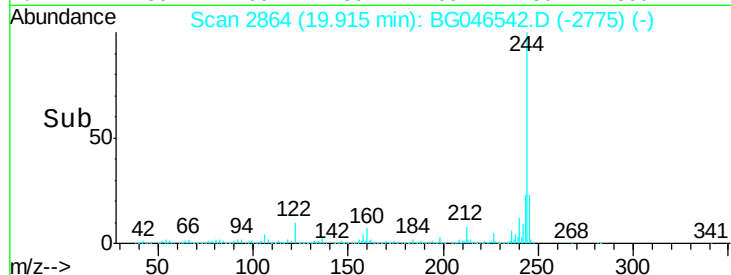
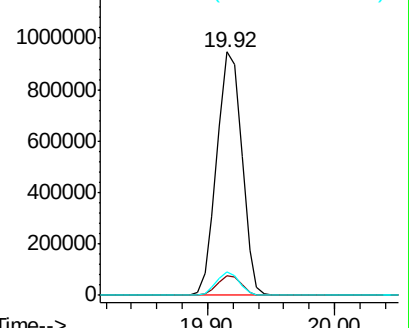
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	9.6	8.2	12.4



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: 52.110 ng

RT: 20.61 min Scan# 2982

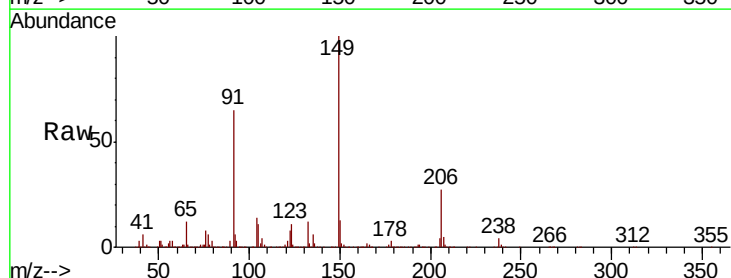
Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Tgt Ion:149 Resp: 649998

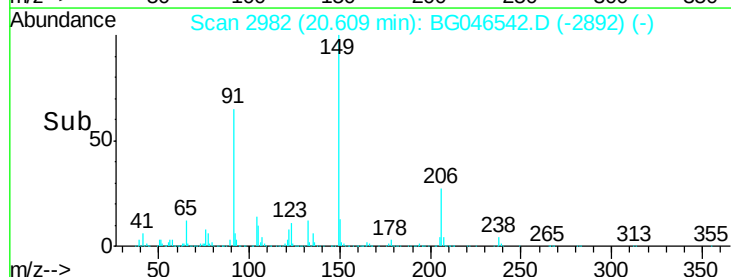
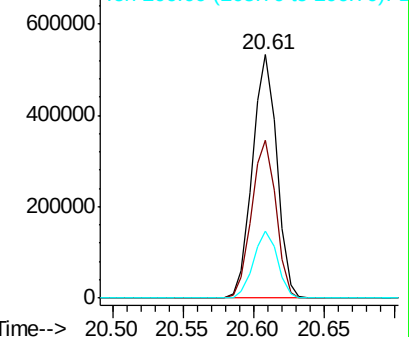
Ion	Ratio	Lower	Upper
149	100		
91	64.9	49.1	73.7
206	27.3	21.9	32.9

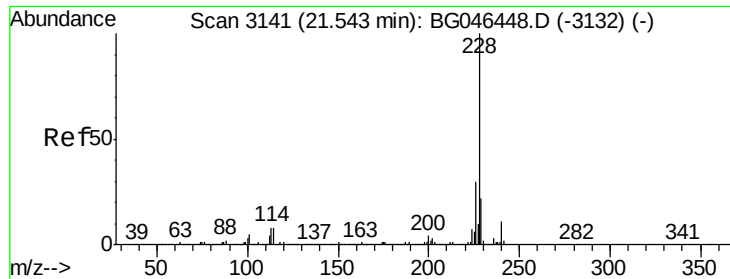


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.350 ng

RT: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

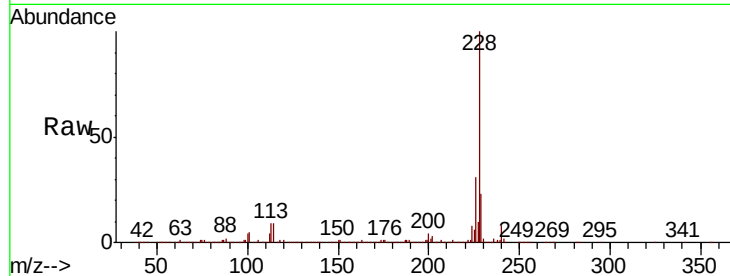
Tot Ion:228 Resp: 1576021

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	23.0	17.4	26.2

228 100

226 31.1 24.2 36.4

229 23.0 17.4 26.2

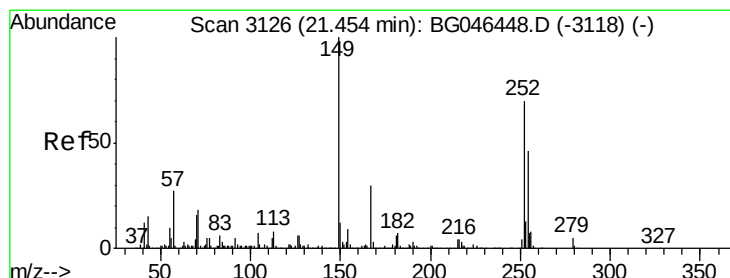
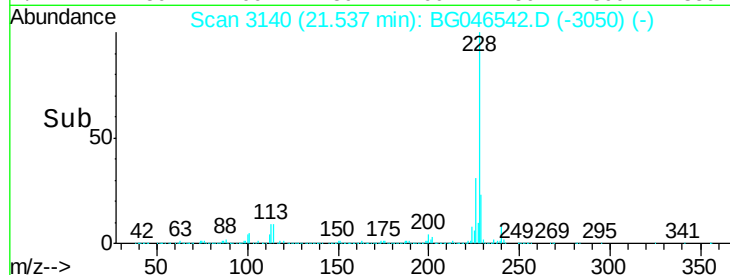
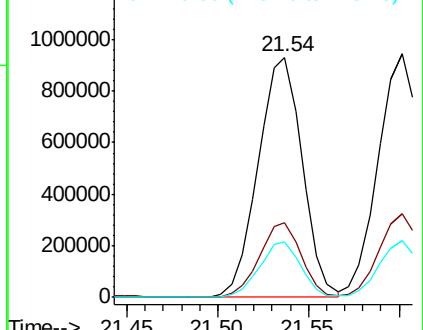


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 42.457 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

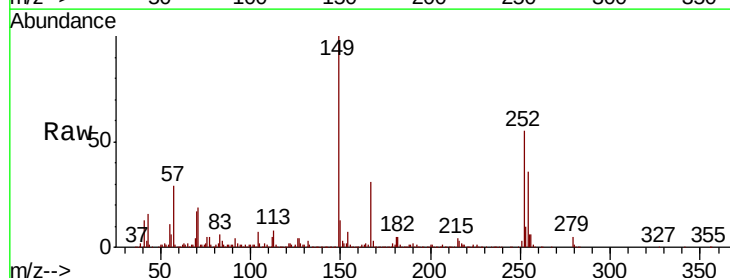
Tgt Ion:252 Resp: 493191

Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.9	77.9
126	8.1	7.4	11.0

252 100

254 66.0 51.9 77.9

126 8.1 7.4 11.0

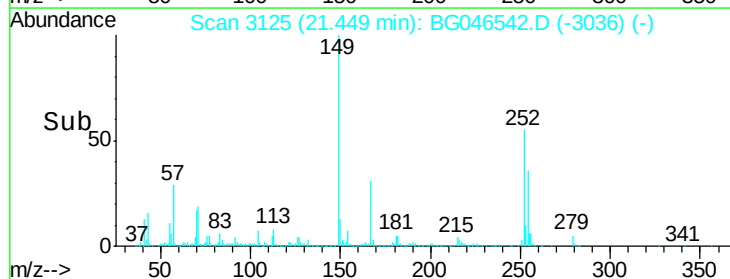
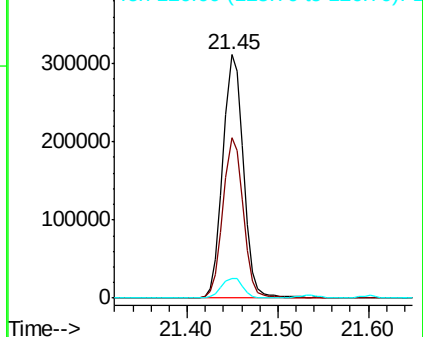


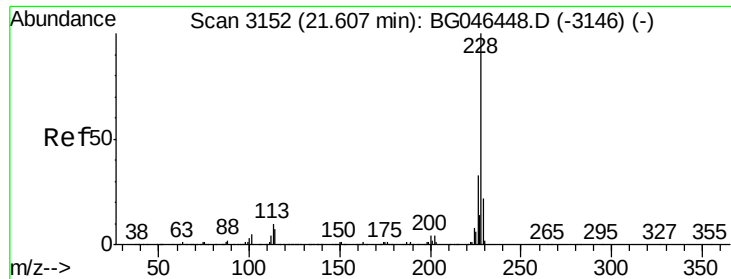
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

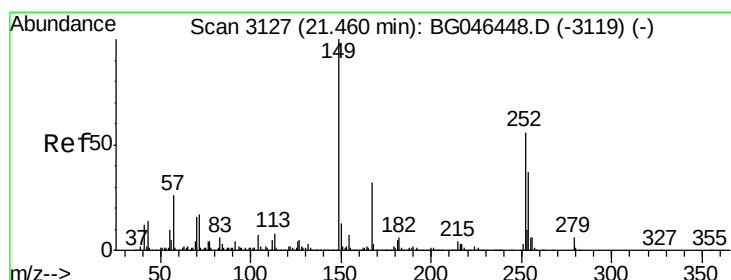
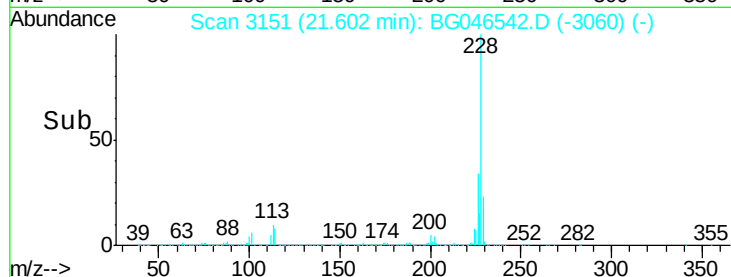
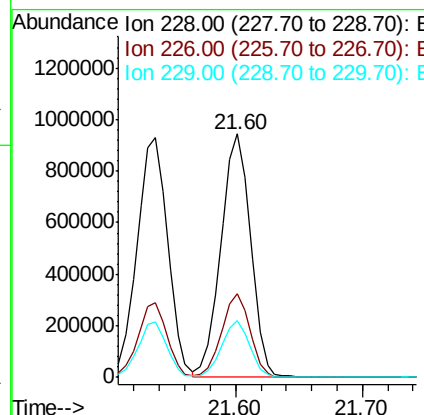
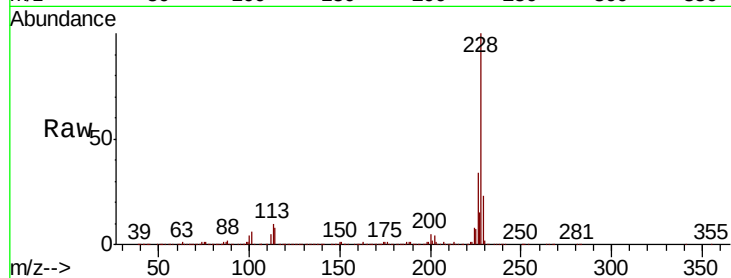




#83
 Chrysene
 Concen: 50.895 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. 0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

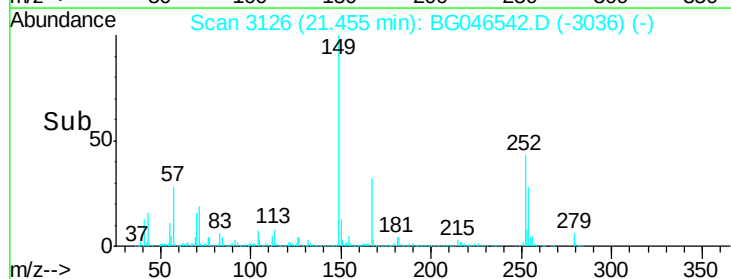
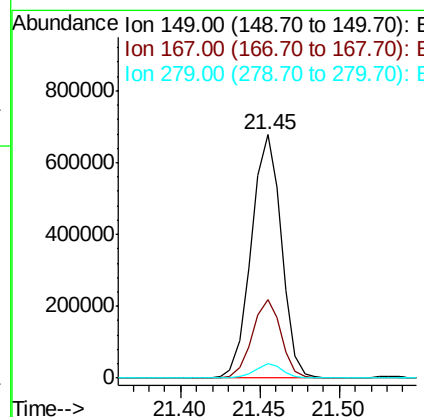
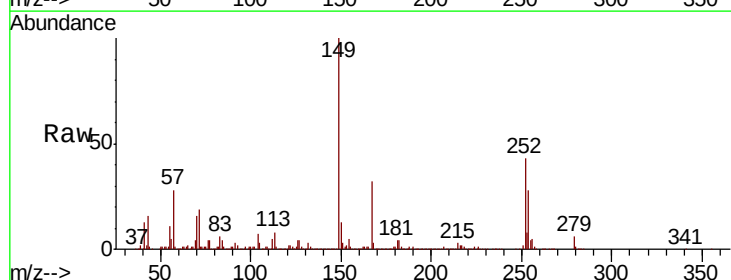
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

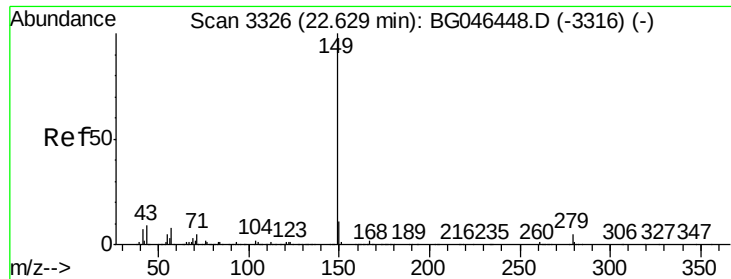
Tot Ion:228 Resp: 1532439
 Ion Ratio Lower Upper
 228 100
 226 34.1 26.2 39.4
 229 23.4 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.298 ng
 RT: 21.45 min Scan# 3126
 Delta R.T. 0.00 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion:149 Resp: 890233
 Ion Ratio Lower Upper
 149 100
 167 32.1 25.4 38.2
 279 5.7 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 53.594 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

Instrument :

BNA_G

ClientSampleId :

AL-FALAH-5MSD

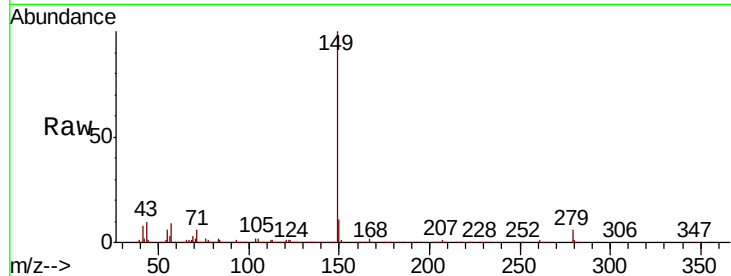
Tot Ion:149 Resp: 1562109

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

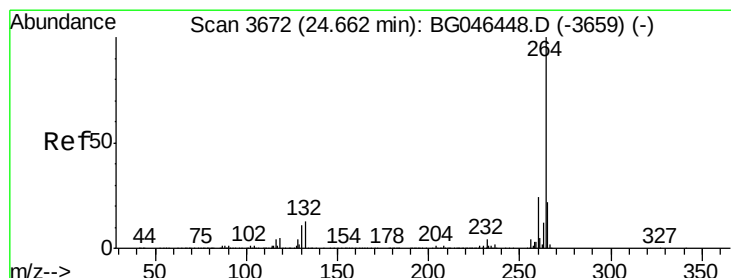
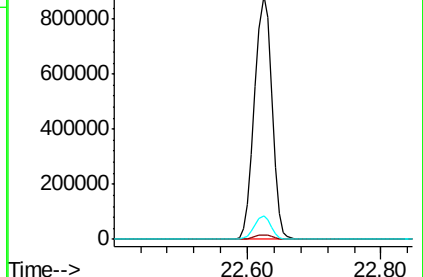
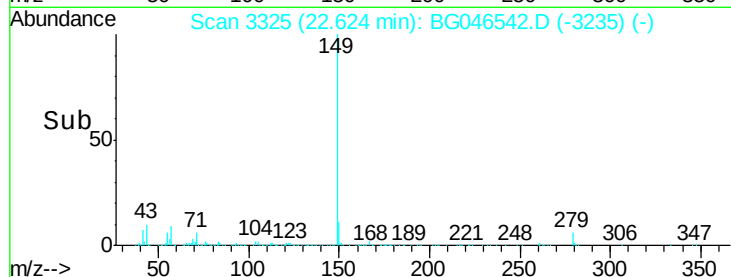
43 9.1 7.0 10.4



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: 24.66 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BG046542.D

Acq: 4 Sep 2020 15:57

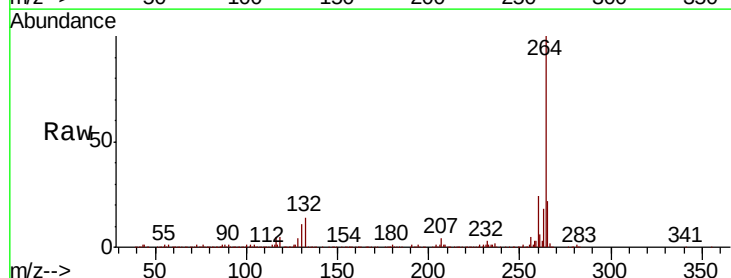
Tgt Ion:264 Resp: 510262

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

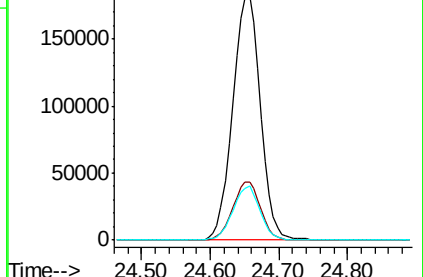
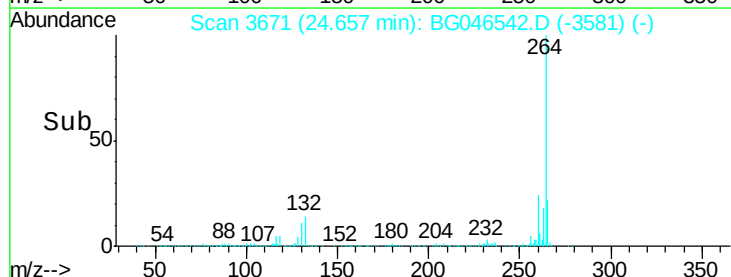
265 22.1 17.9 26.9

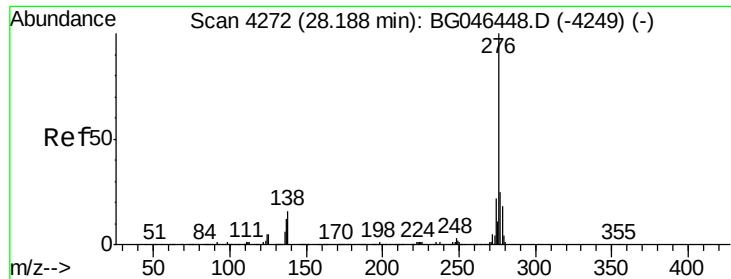


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

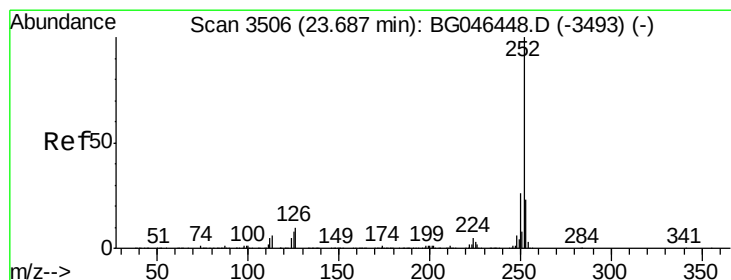
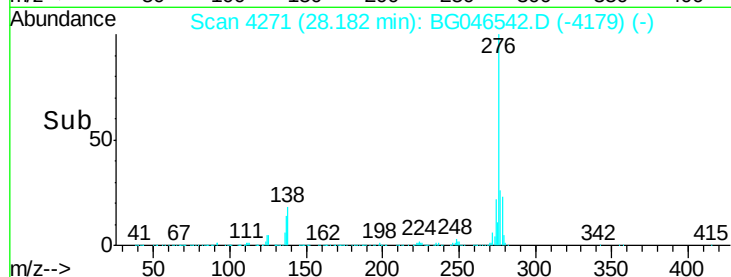
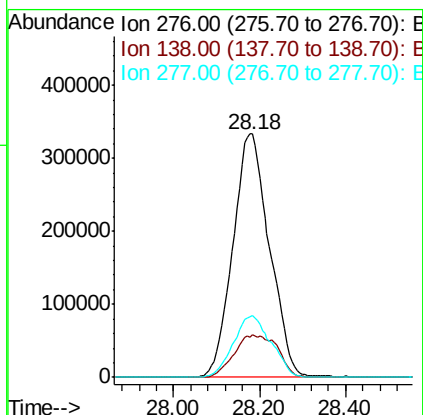
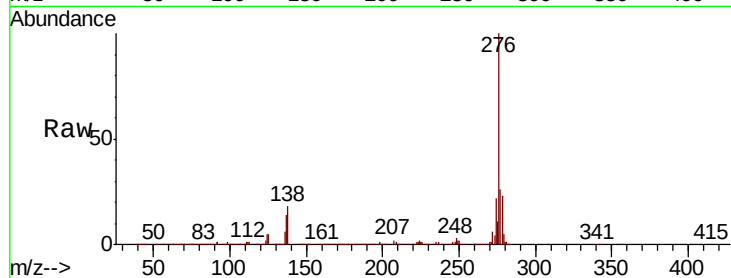




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 54.037 ng
 RT: 28.18 min Scan# 4271
 Delta R.T. 0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

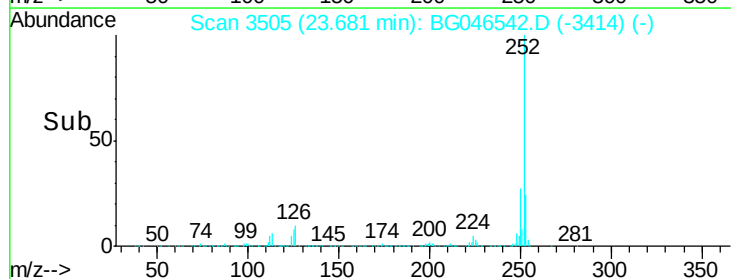
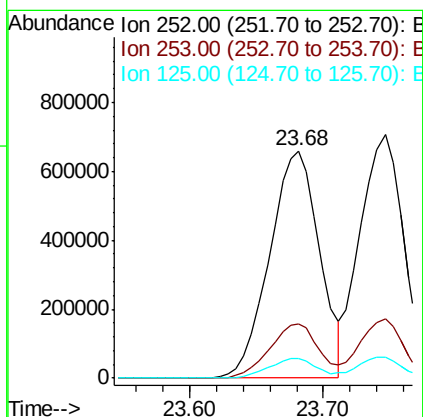
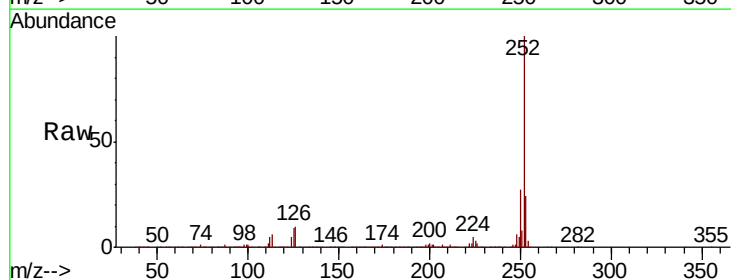
Instrument :
 BNA_G
 ClientSampleId :
 AL-FALAH-5MSD

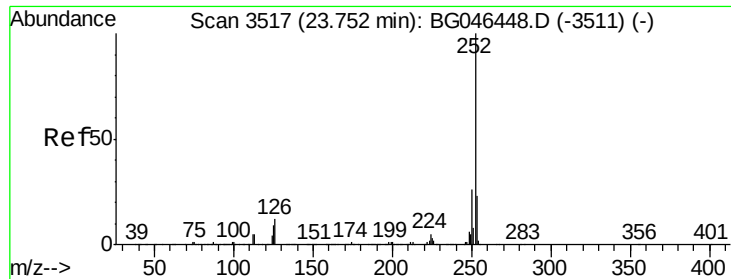
Tot Ion:276 Resp: 1980362
 Ion Ratio Lower Upper
 276 100
 138 20.9 16.5 24.7
 277 26.2 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 53.557 ng
 RT: 23.68 min Scan# 3505
 Delta R.T. 0.01 min
 Lab File: BG046542.D
 Acq: 4 Sep 2020 15:57

Tgt Ion:252 Resp: 1706392
 Ion Ratio Lower Upper
 252 100
 253 24.1 18.2 27.4
 125 8.5 6.2 9.2

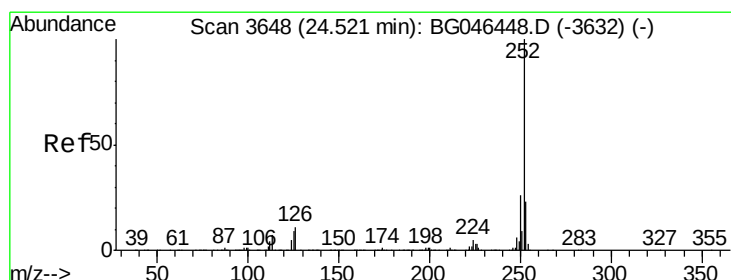
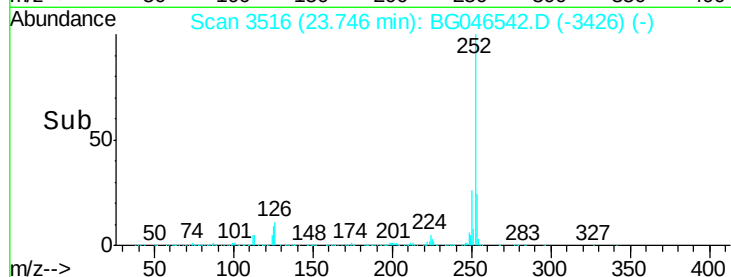
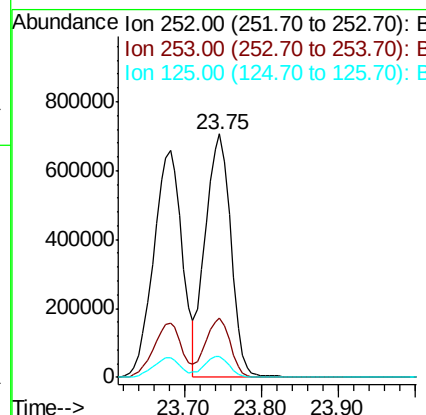
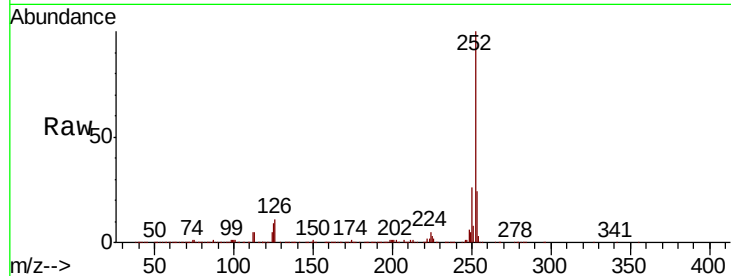




#89
Benzo(k)fluoranthene
Concen: 52.233 ng
RT: 23.75 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

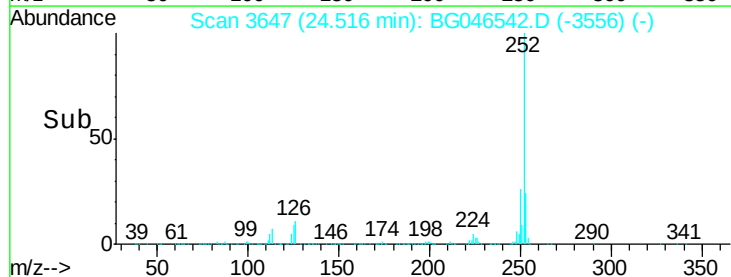
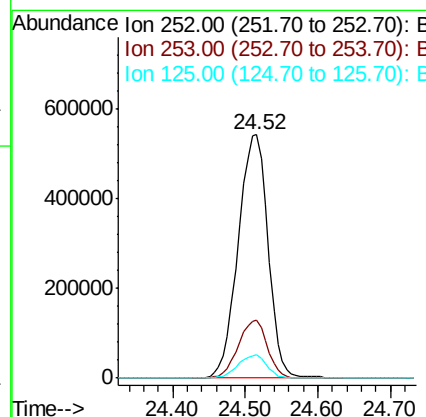
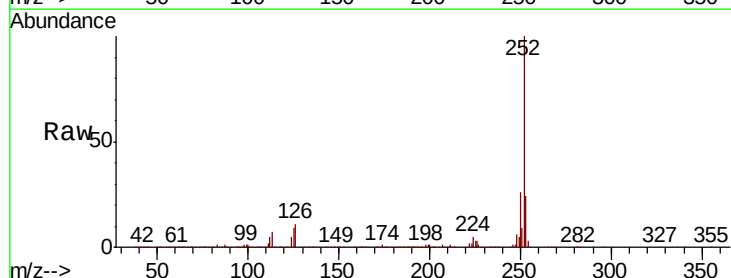
Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

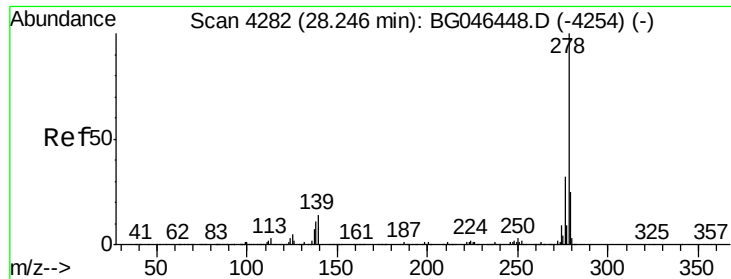
Tot Ion:252 Resp: 1608375
Ion Ratio Lower Upper
252 100
253 24.5 18.5 27.7
125 8.6 6.8 10.2



#90
Benzo(a)pyrene
Concen: 52.095 ng
RT: 24.52 min Scan# 3647
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:252 Resp: 1548963
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 9.4 7.4 11.0

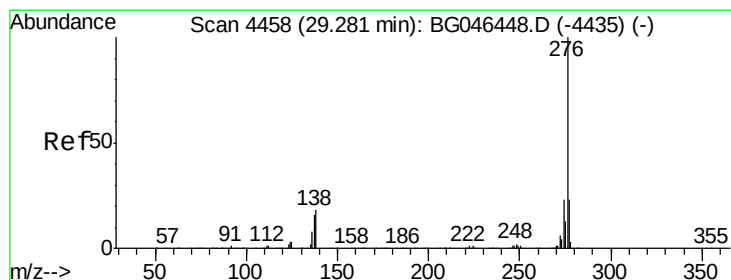
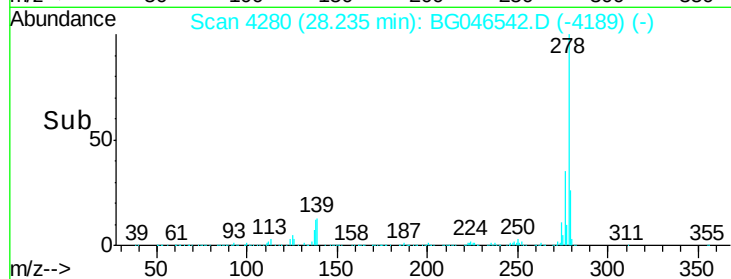
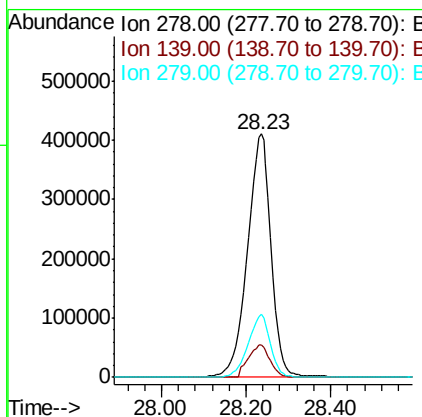
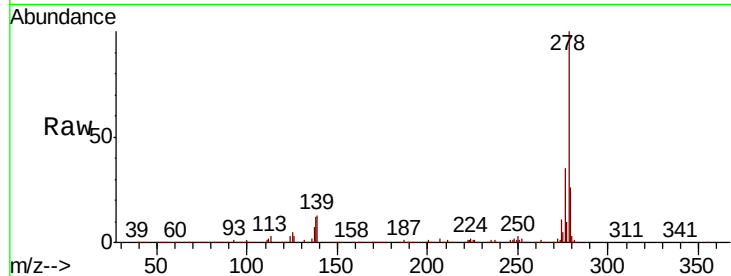




#91
Dibenzo(a,h)anthracene
Concen: 54.430 ng
RT: 28.23 min Scan# 4280
Delta R.T. 0.01 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Instrument :
BNA_G
ClientSampleId :
AL-FALAH-5MSD

Tot Ion:278 Resp: 1609699
Ion Ratio Lower Upper
278 100
139 13.2 11.2 16.8
279 25.8 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 55.948 ng
RT: 29.27 min Scan# 4457
Delta R.T. 0.00 min
Lab File: BG046542.D
Acq: 4 Sep 2020 15:57

Tgt Ion:276 Resp: 1652263
Ion Ratio Lower Upper
276 100
277 24.9 18.7 28.1
138 18.4 14.7 22.1

