

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046570.D
 Acq On : 9 Sep 2020 13:08
 Operator : CG/JU
 Sample : PB131493BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131493BS

Quant Time: Sep 09 13:45:09 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	66998	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	267115	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	185441	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	440838	20.00	ng	0.00
76) Chrysene-d12	21.55	240	447389	20.00	ng	0.00
86) Perylene-d12	24.65	264	461665	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	413858	109.41	ng	0.00
7) Phenol-d6	7.10	99	539727	100.65	ng	0.00
23) Nitrobenzene-d5	9.08	82	432592	92.56	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	232369	92.48	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1112186	91.56	ng	0.00
79) Terphenyl-d14	19.92	244	1522909	72.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	56630	35.985	ng	95
3) Pyridine	3.81	79	127379	27.664	ng	98
4) n-Nitrosodimethylamine	3.72	42	67504	39.750	ng	100
6) Aniline	7.25	93	180016	29.833	ng	99
8) 2-Chlorophenol	7.50	128	160397	40.120	ng	98
9) Benzaldehyde	7.06	77	88332	29.402	ng	99
10) Phenol	7.13	94	198945	40.281	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	151455	38.150	ng	100
12) 1,3-Dichlorobenzene	7.82	146	183733	36.198	ng	99
13) 1,4-Dichlorobenzene	7.96	146	186610	36.723	ng	96
14) 1,2-Dichlorobenzene	8.28	146	175649	36.049	ng	98
15) Benzyl Alcohol	8.17	79	134781	39.150	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	228836	37.161	ng	99
17) 2-Methylphenol	8.38	107	140048	39.983	ng	97
18) Hexachloroethane	9.01	117	63853	37.060	ng	94
19) n-Nitroso-di-n-propylamine	8.73	70	119991	37.409	ng	99
20) 3+4-Methylphenols	8.70	107	191995	39.712	ng	97
22) Acetophenone	8.75	105	233765	35.952	ng	# 99
24) Nitrobenzene	9.12	77	171963	37.244	ng	97
25) Isophorone	9.65	82	327660	38.241	ng	99
26) 2-Nitrophenol	9.84	139	94238	38.685	ng	97
27) 2,4-Dimethylphenol	9.91	122	154173	46.015	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	201752	36.583	ng	98
29) 2,4-Dichlorophenol	10.38	162	176999	39.628	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	189638	35.784	ng	99
31) Naphthalene	10.77	128	488018	37.418	ng	98
32) Benzoic acid	10.05	122	61250	29.346	ng	97
33) 4-Chloroaniline	10.88	127	129819	22.573	ng	98
34) Hexachlorobutadiene	11.07	225	121747	35.389	ng	98
35) Caprolactam	11.65	113	36037	21.584	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	170361	38.997	ng	95
37) 2-Methylnaphthalene	12.38	142	385963	37.523	ng	99
38) 1-Methylnaphthalene	12.60	142	365842	37.548	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	228845	37.423	ng	99

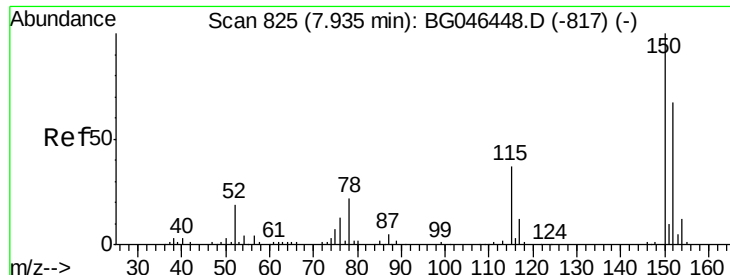
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
 Data File : BG046570.D
 Acq On : 9 Sep 2020 13:08
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	264608	99.514	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	152631	36.986	nq	99
44) 2,4,5-Trichlorophenol	13.07	196	165882	38.259	nq	99
46) 1,1'-Biphenyl	13.39	154	498477	38.636	nq	100
47) 2-Chloronaphthalene	13.44	162	389682	35.623	nq	98
48) 2-Nitroaniline	13.64	65	107446	35.373	nq	99
49) Acenaphthylene	14.28	152	629495	37.936	nq	99
50) Dimethylphthalate	14.01	163	506370	35.295	nq	99
51) 2,6-Dinitrotoluene	14.13	165	114106	36.081	nq	99
52) Acenaphthene	14.62	154	369173	35.902	nq	99
53) 3-Nitroaniline	14.46	138	83001	24.229	nq	97
54) 2,4-Dinitrophenol	14.67	184	128207	69.452	nq	96
55) Dibenzofuran	14.96	168	606362	36.744	nq	100
56) 4-Nitrophenol	14.78	139	178952	70.981	nq	96
57) 2,4-Dinitrotoluene	14.92	165	162525	36.042	nq	99
58) Fluorene	15.60	166	498898	36.021	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	158529	37.652	nq	98
60) Diethylphthalate	15.38	149	500558	35.785	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	276915	36.303	nq	99
62) 4-Nitroaniline	15.62	138	114023	31.545	nq	96
63) Azobenzene	15.89	77	422624	37.143	nq	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	101137	40.533	nq	95
66) n-Nitrosodiphenylamine	15.82	169	451716	37.982	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	190386	37.017	nq	98
68) Hexachlorobenzene	16.62	284	200697	35.235	nq	97
69) Atrazine	16.76	200	169076	34.849	nq	99
70) Pentachlorophenol	16.96	266	228694	76.846	nq	99
71) Phenanthrene	17.34	178	824780	36.912	nq	100
72) Anthracene	17.44	178	847925	38.462	nq	100
73) Carbazole	17.70	167	763269	36.669	nq	99
74) Di-n-butylphthalate	18.27	149	894081	37.354	nq	99
75) Fluoranthene	19.35	202	1054957	36.687	nq	99
77) Benzidine	19.54	184	430857	41.445	nq	99
78) Pyrene	19.72	202	1056662	37.090	nq	98
80) Butylbenzylphthalate	20.60	149	403645	36.324	nq	96
81) Benzo(a)anthracene	21.53	228	1016465	36.451	nq	98
82) 3,3'-Dichlorobenzidine	21.44	252	280816	27.136	nq	99
83) Chrysene	21.60	228	967122	36.055	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	571134	37.662	nq	97
85) Di-n-octyl phthalate	22.62	149	981647	37.804	nq	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1200289	36.199	nq	100
88) Benzo(b)fluoranthene	23.67	252	1058091	36.705	nq	99
89) Benzo(k)fluoranthene	23.74	252	1002000	35.966	nq	100
90) Benzo(a)pyrene	24.51	252	962457	35.777	nq	99
91) Dibenzo(a,h)anthracene	28.22	278	987539	36.907	nq	99
92) Benzo(g,h,i)perylene	29.26	276	1011587	37.859	nq	98

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

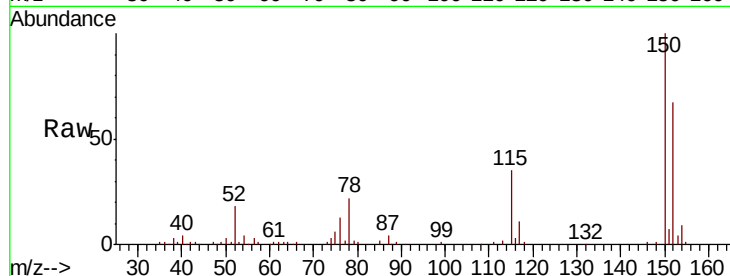


#1

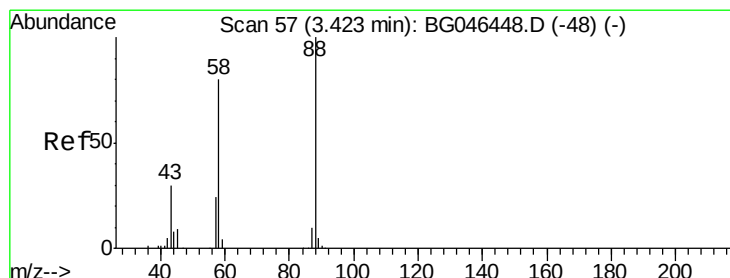
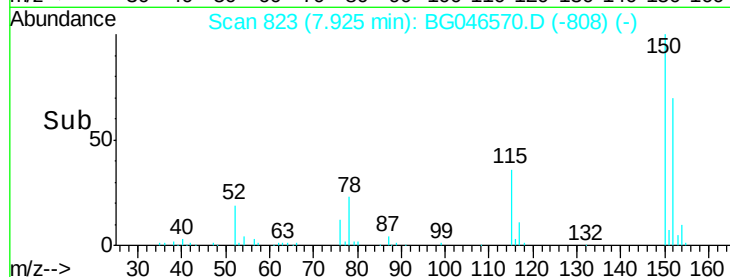
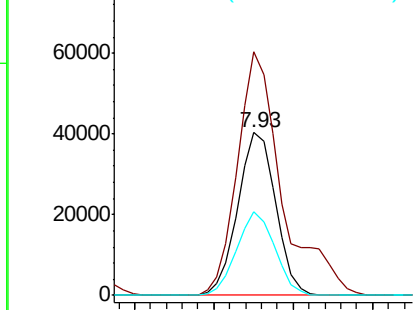
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Instrument :
BNA_G
ClientSampleId :
PB131493BS

Tot Ion:152 Resp: 66998
Ion Ratio Lower Upper
152 100
150 149.5 119.5 179.3
115 51.7 44.3 66.5



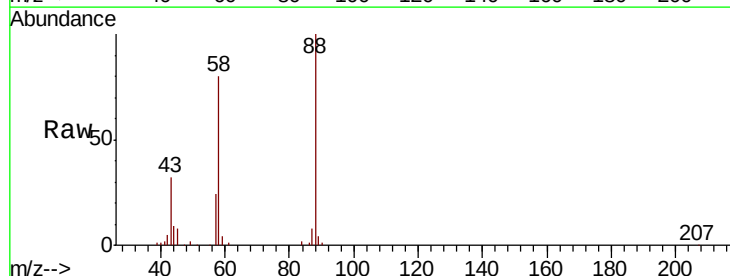
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



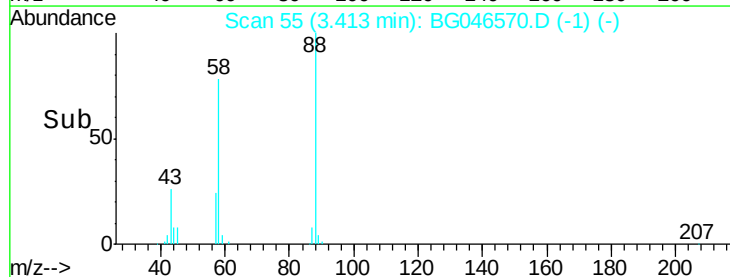
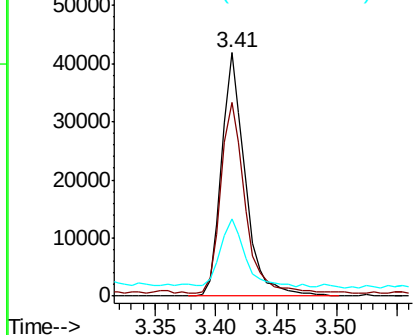
#2

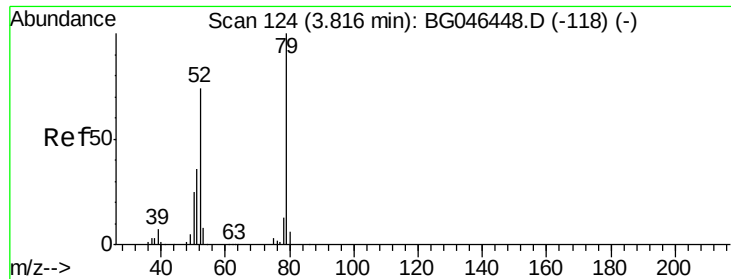
1,4-Dioxane
Concen: 35.985 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion: 88 Resp: 56630
Ion Ratio Lower Upper
88 100
58 81.4 61.4 92.2
43 29.6 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: 27.664 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

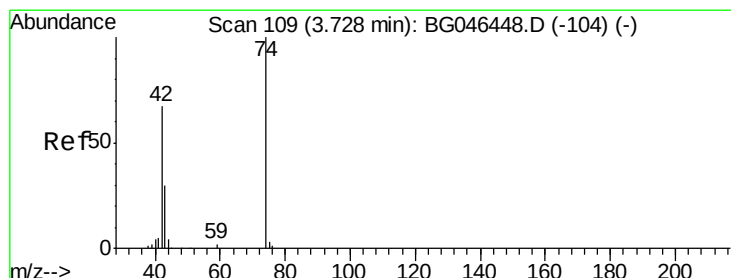
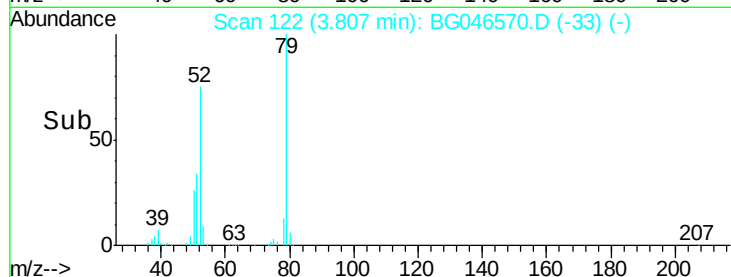
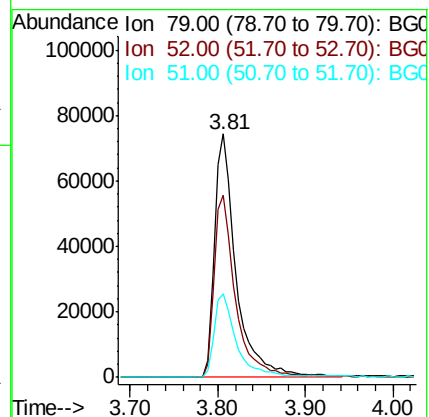
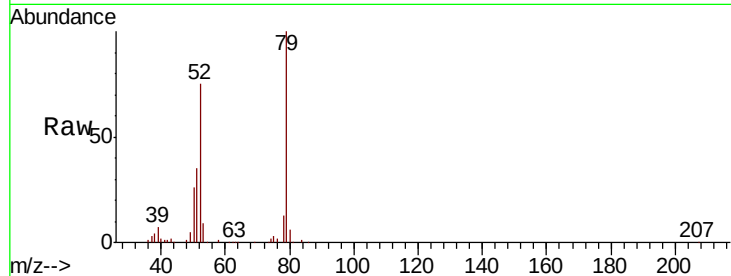
Tot Ion: 79 Resp: 127379

Ion Ratio Lower Upper

79 100

52 75.0 59.1 88.7

51 34.6 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 39.750 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

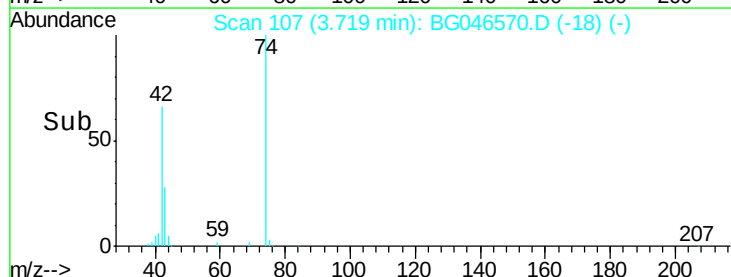
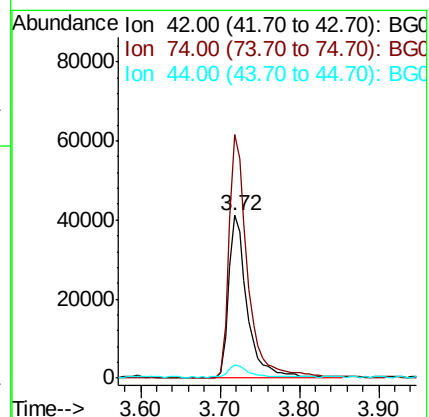
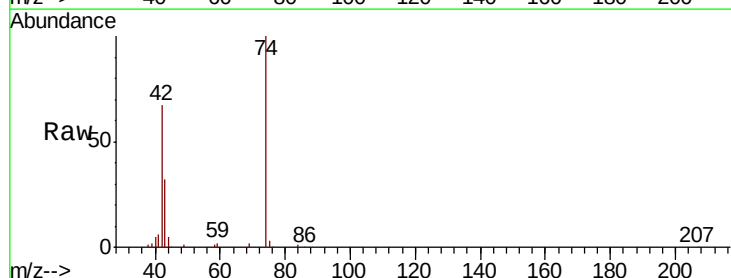
Tgt Ion: 42 Resp: 67504

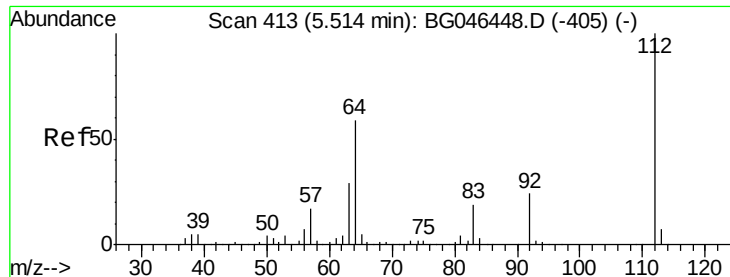
Ion Ratio Lower Upper

42 100

74 149.7 119.5 179.3

44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 109.409 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

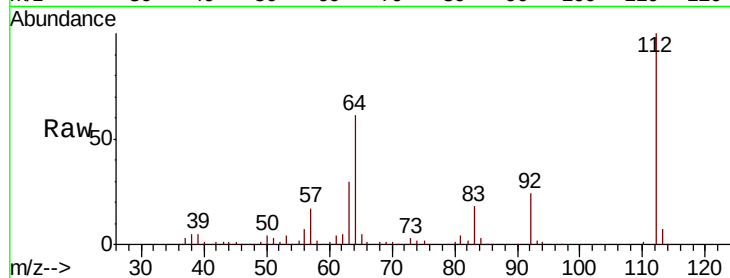
Tot Ion:112 Resp: 413858

Ion Ratio Lower Upper

112 100

64 60.9 47.0 70.6

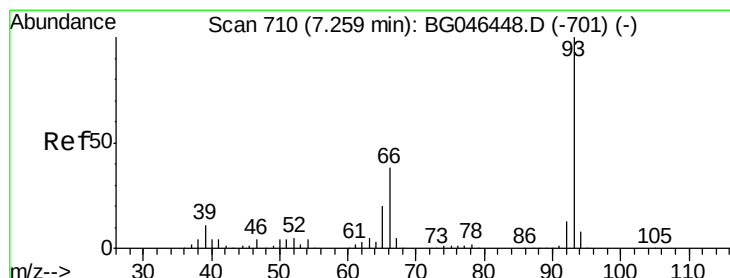
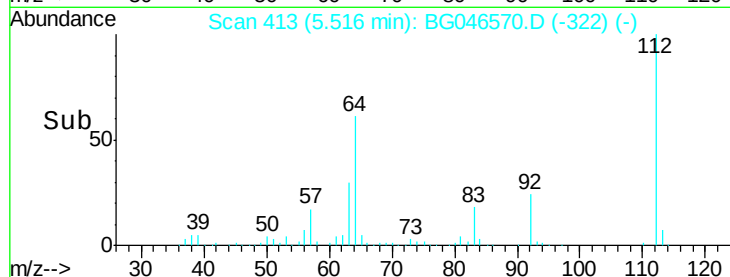
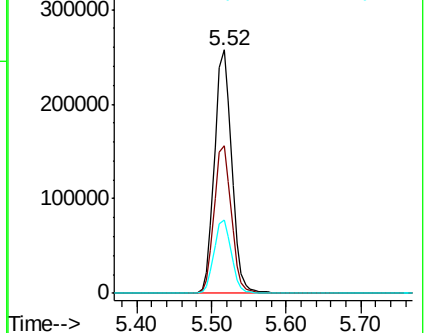
63 30.3 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.833 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

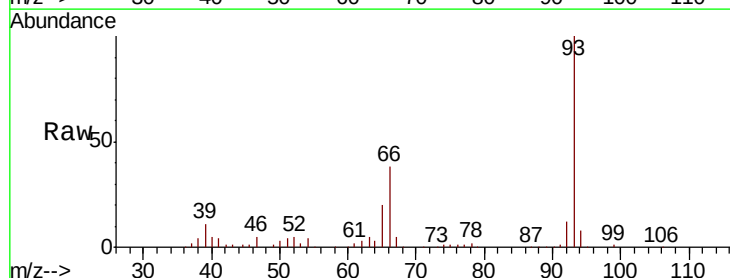
Tgt Ion: 93 Resp: 180016

Ion Ratio Lower Upper

93 100

66 38.5 30.4 45.6

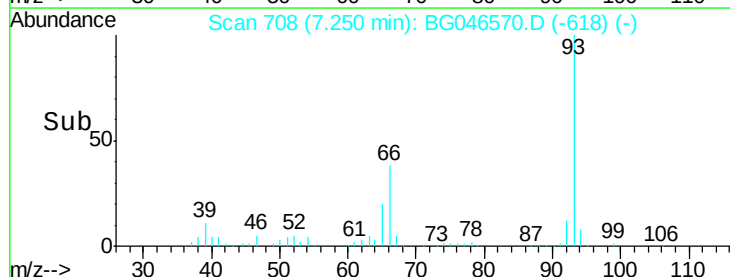
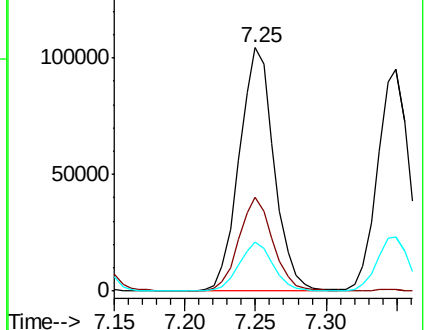
65 20.1 15.8 23.6

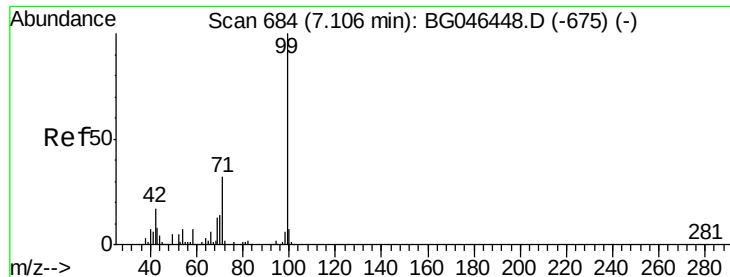


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.652 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

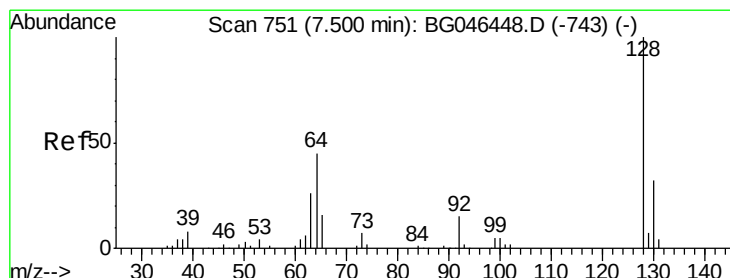
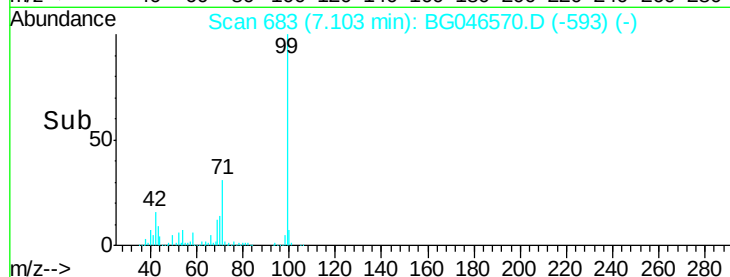
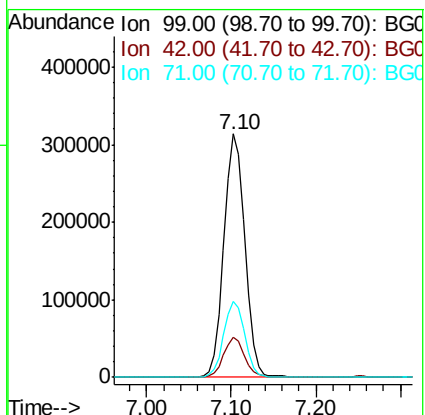
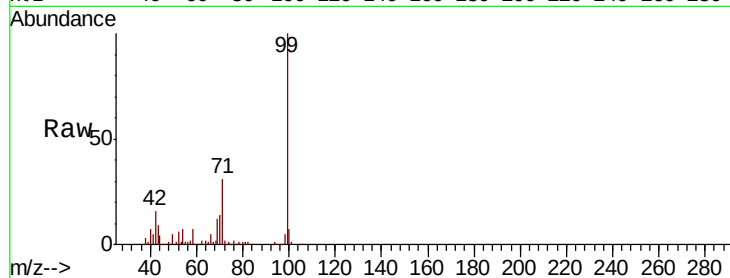
Tot Ion: 99 Resp: 539727

Ion Ratio Lower Upper

99 100

42 16.2 13.3 19.9

71 31.3 25.3 37.9



#8

2-Chlorophenol

Concen: 40.120 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

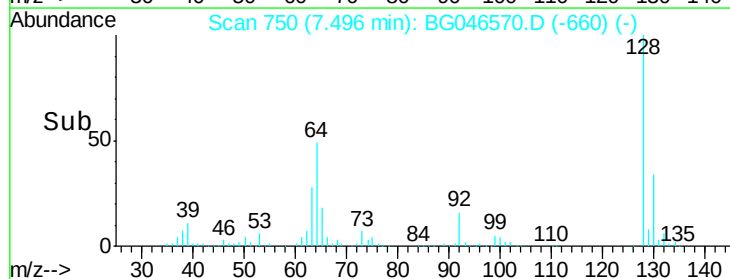
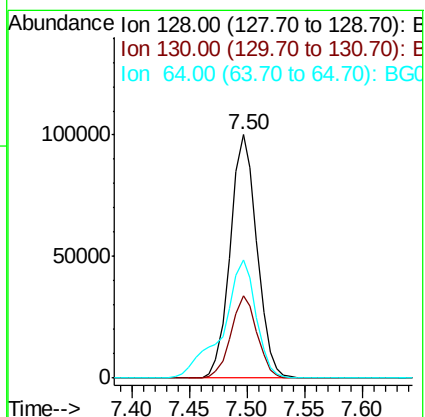
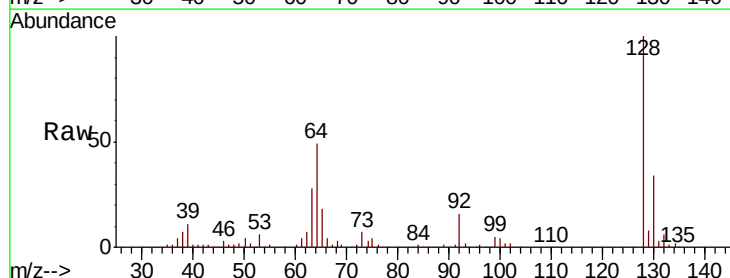
Tgt Ion: 128 Resp: 160397

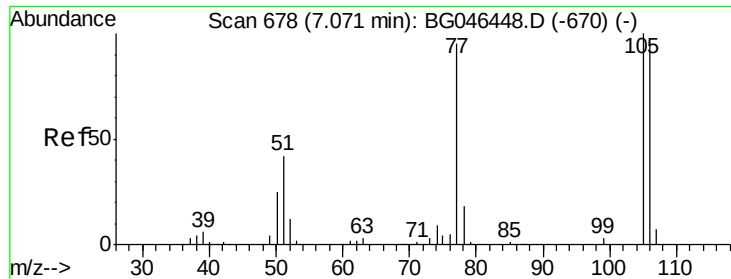
Ion Ratio Lower Upper

128 100

130 34.0 12.4 52.4

64 48.6 28.1 68.1





#9

Benzaldehyde

Concen: 29.402 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

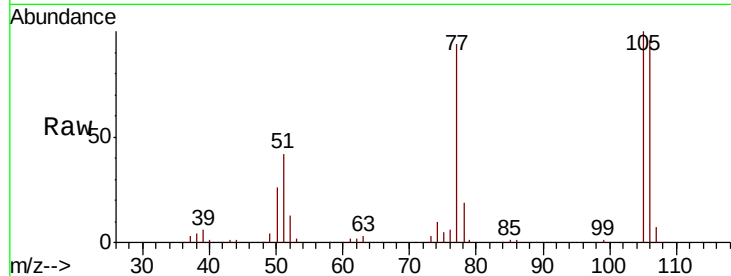
Tot Ion: 77 Resp: 88332

Ion Ratio Lower Upper

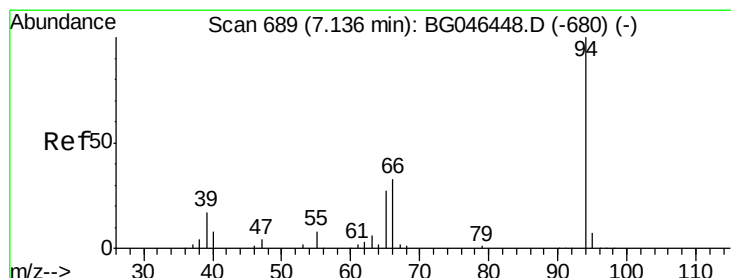
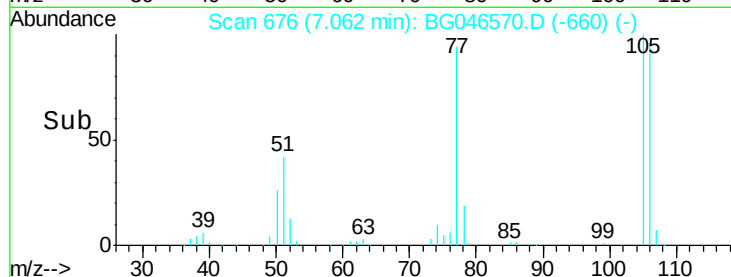
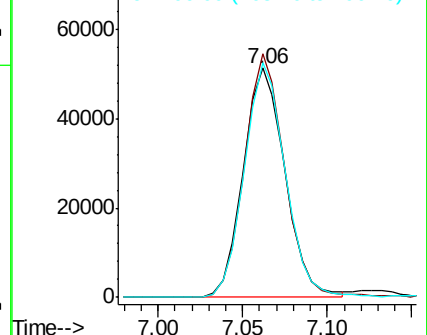
77 100

105 106.2 85.6 125.6

106 102.3 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: 40.281 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

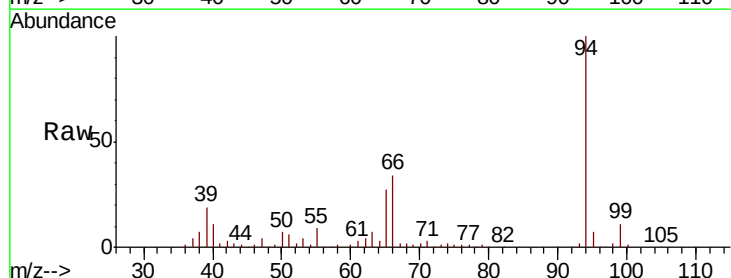
Tgt Ion: 94 Resp: 198945

Ion Ratio Lower Upper

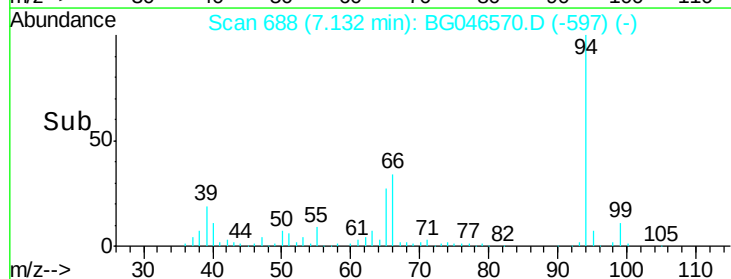
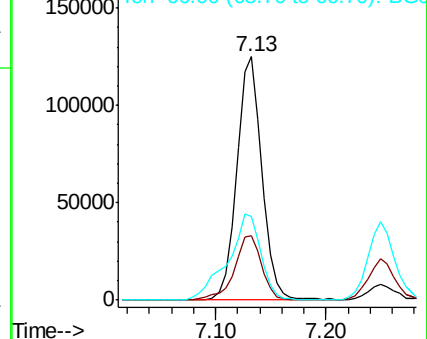
94 100

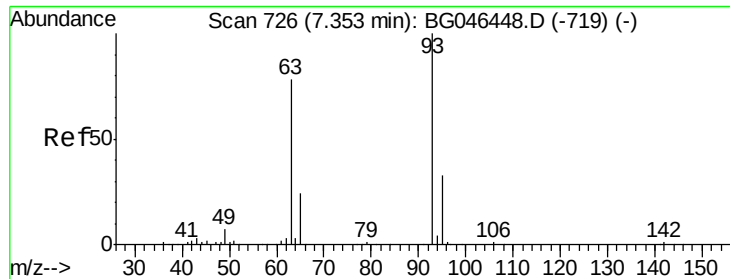
65 26.7 7.5 47.5

66 34.4 14.1 54.1



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





#11

bis(2-Chloroethyl)ether

Concen: 38.150 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

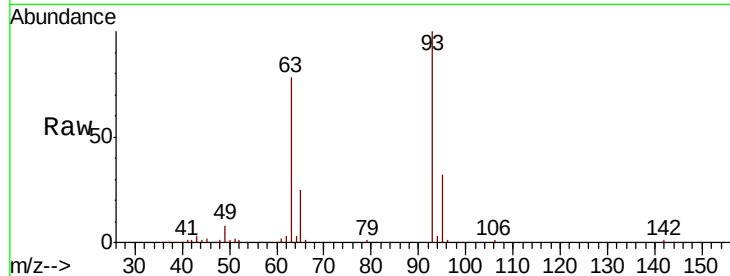
Tot Ion: 93 Resp: 151455

Ion Ratio Lower Upper

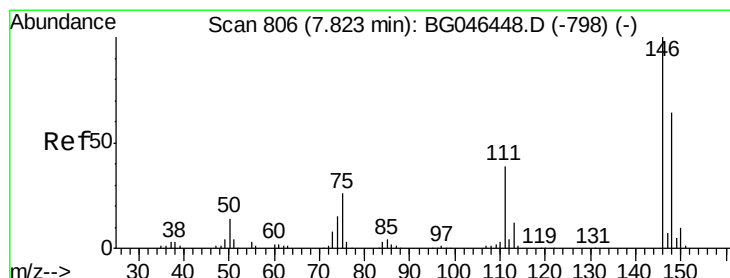
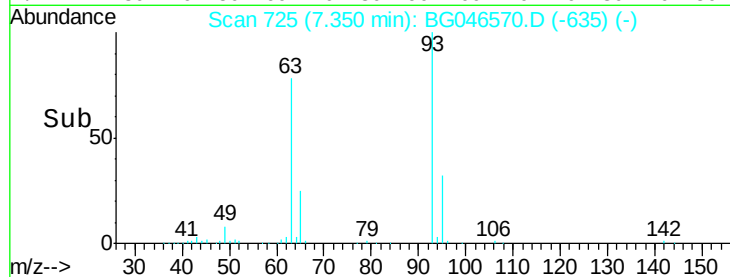
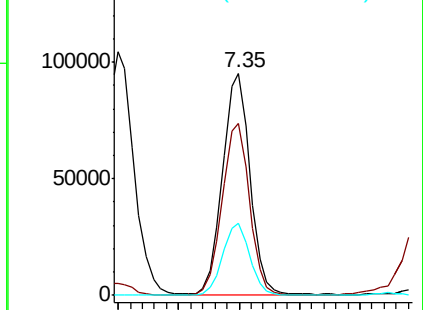
93 100

63 77.6 57.7 97.7

95 32.3 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 36.198 ng

RT: 7.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

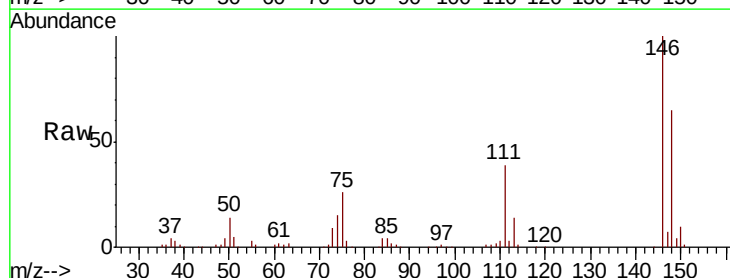
Tgt Ion: 146 Resp: 183733

Ion Ratio Lower Upper

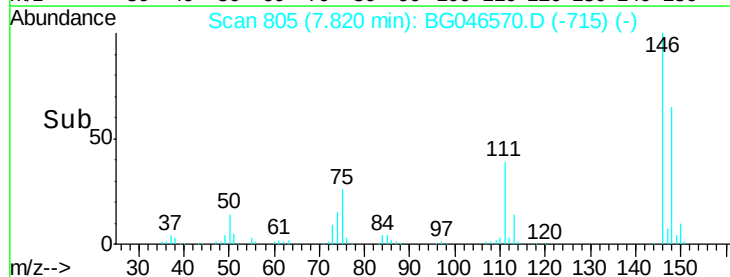
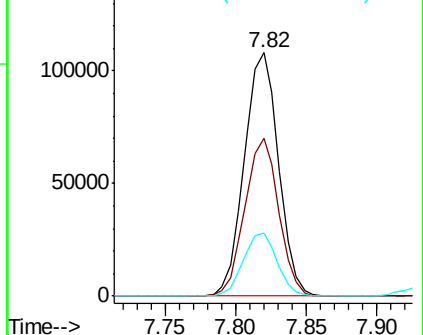
146 100

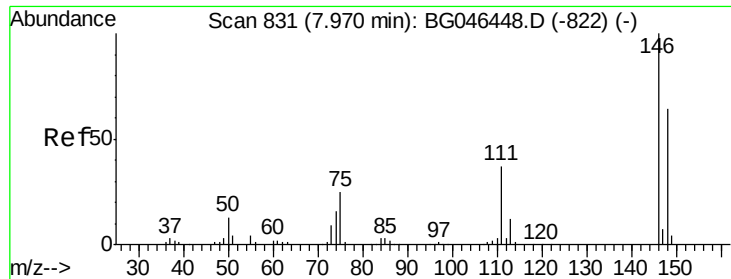
148 64.6 51.4 77.0

75 25.7 20.7 31.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

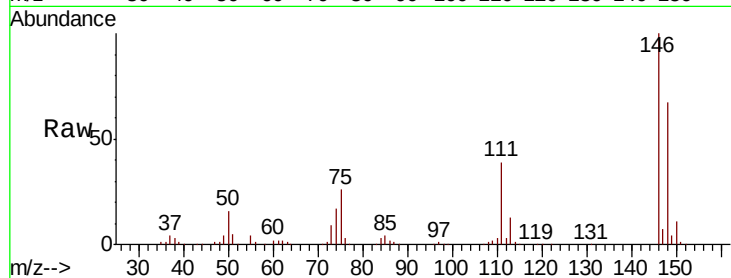




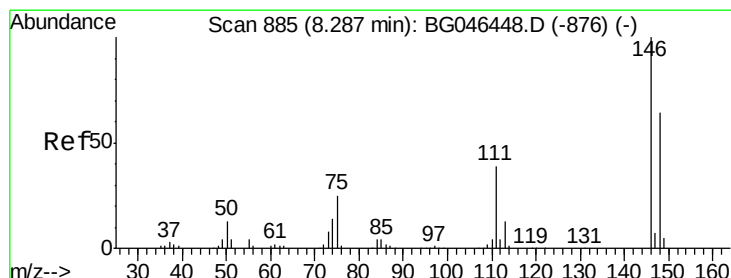
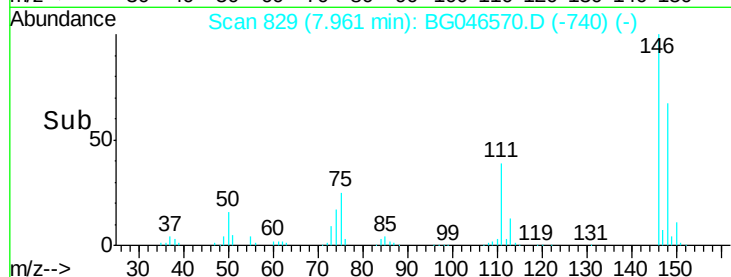
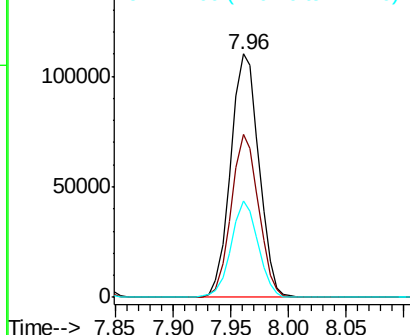
#13
 1,4-Dichlorobenzene
 Concen: 36.723 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Instrument :
 BNA_G
 ClientSampled :
 PB131493BS

Tot Ion:146 Resp: 186610
 Ion Ratio Lower Upper
 146 100
 148 66.8 50.9 76.3
 111 39.4 29.8 44.6

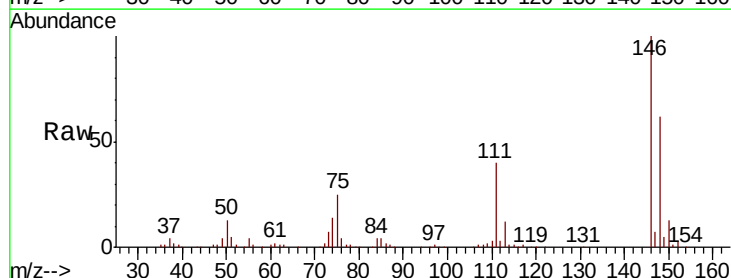


Abundance Ion 146.00 (145.70 to 146.70): E
 150000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

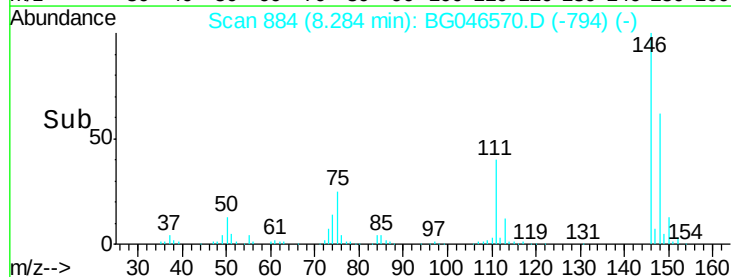
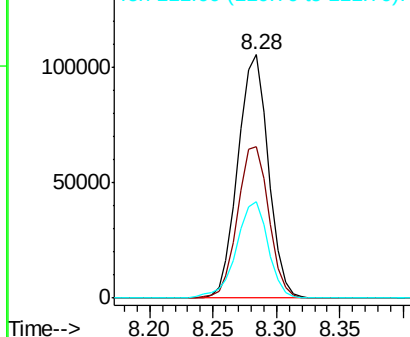


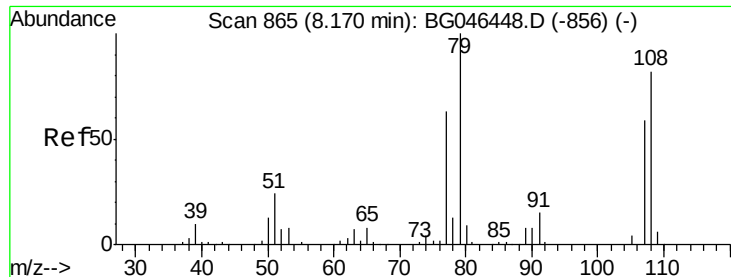
#14
 1,2-Dichlorobenzene
 Concen: 36.049 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Tgt Ion:146 Resp: 175649
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.4 77.0
 111 39.7 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): E
 100000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.150 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

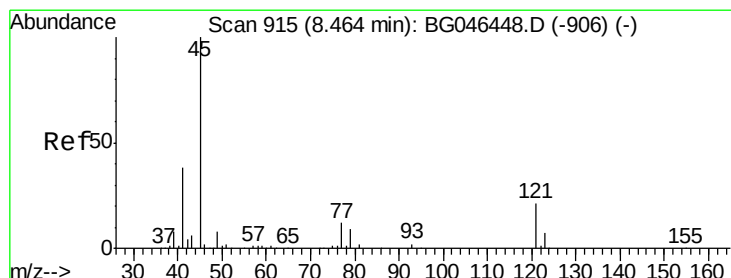
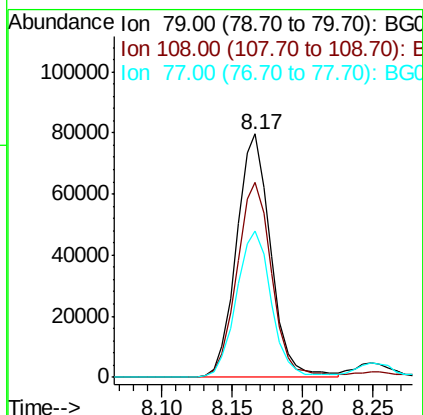
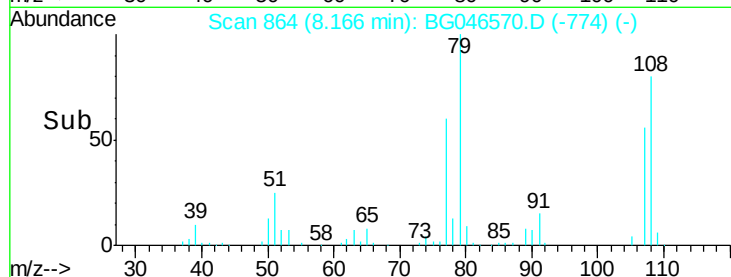
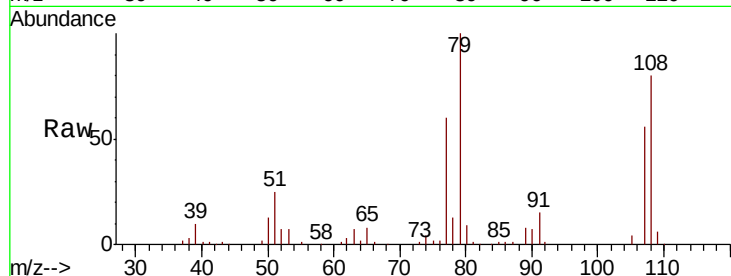
Tot Ion: 79 Resp: 134781

Ion Ratio Lower Upper

79 100

108 80.1 65.7 98.5

77 60.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.161 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

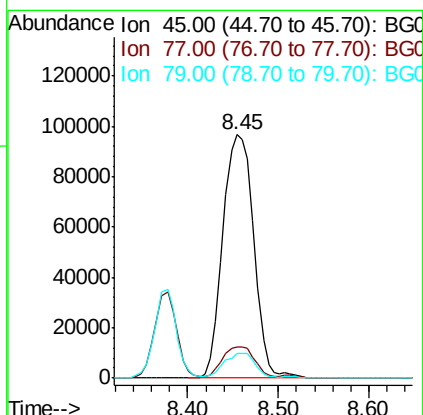
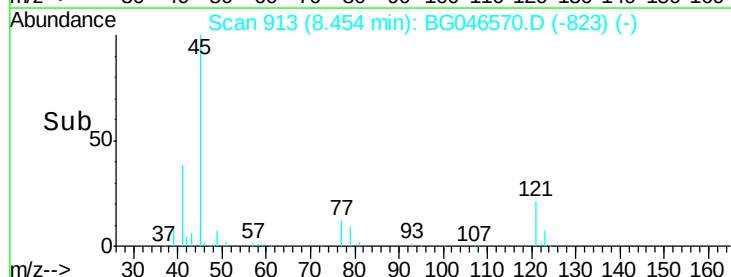
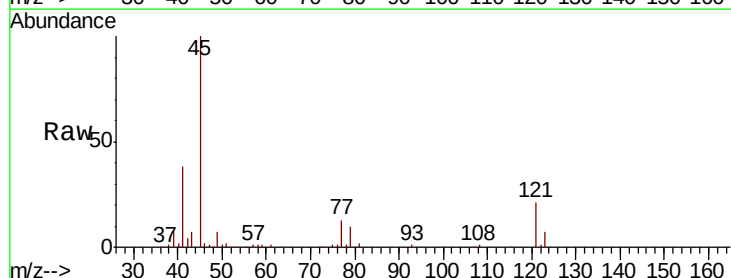
Tgt Ion: 45 Resp: 228836

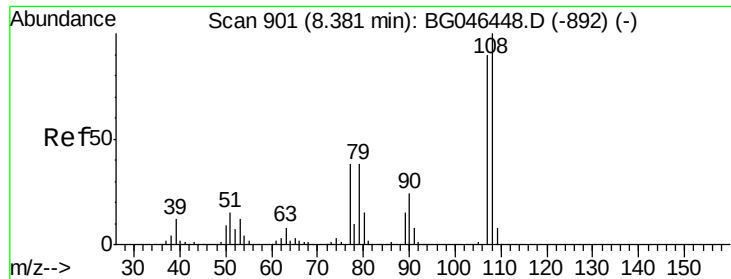
Ion Ratio Lower Upper

45 100

77 12.8 0.0 33.2

79 9.9 0.0 30.3

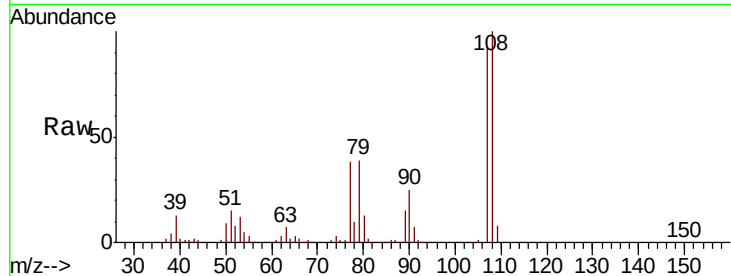




#17
2-Methylphenol
Concen: 39.983 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Instrument :
BNA_G
ClientSampleId :
PB131493BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.9	89.4	134.0
77	40.9	34.5	51.7
79	41.8	33.8	50.6



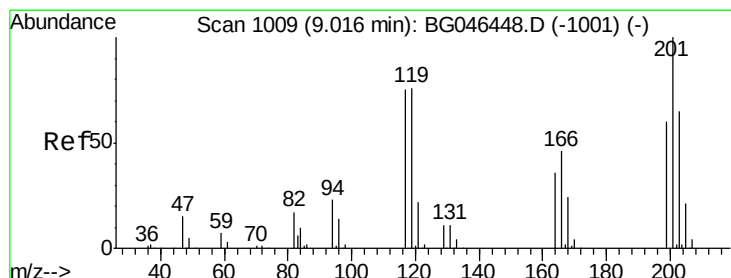
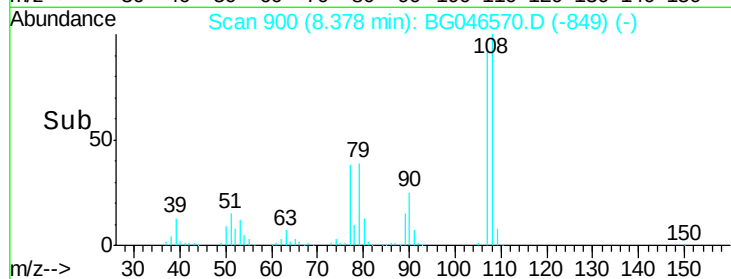
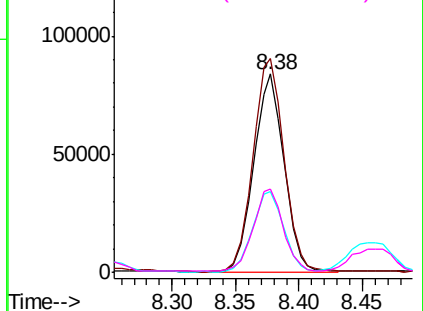
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

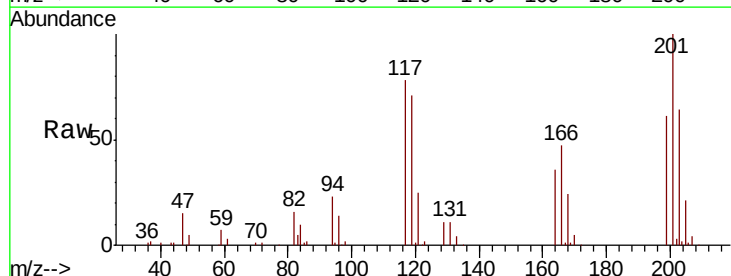
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.060 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	80.8	121.2
201	128.7	106.7	160.1

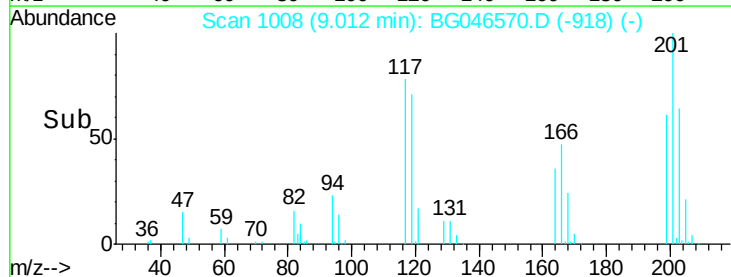
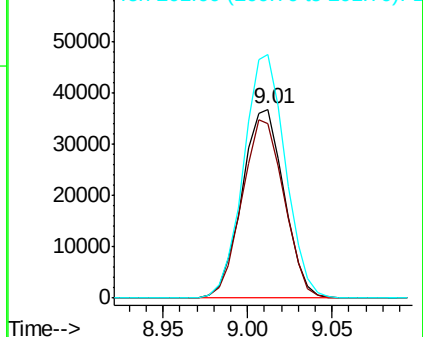


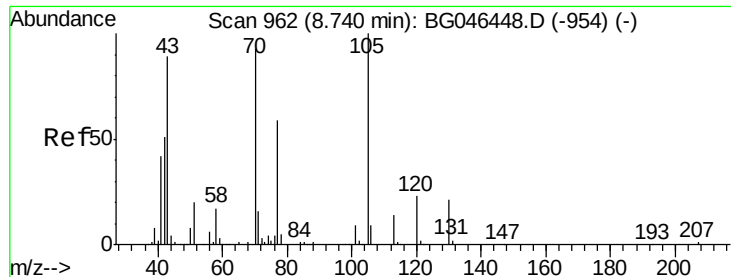
Abundance

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

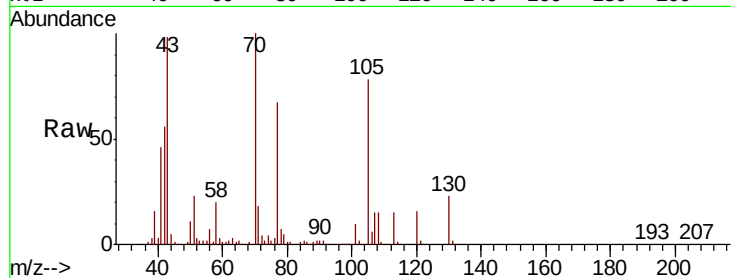




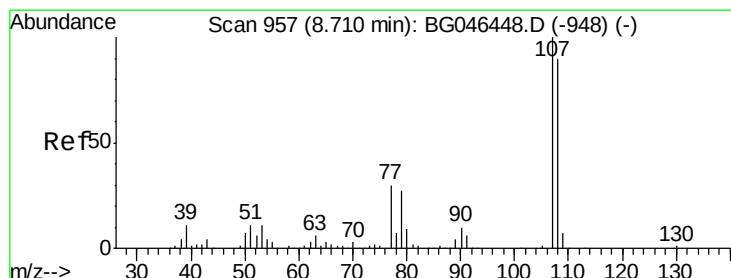
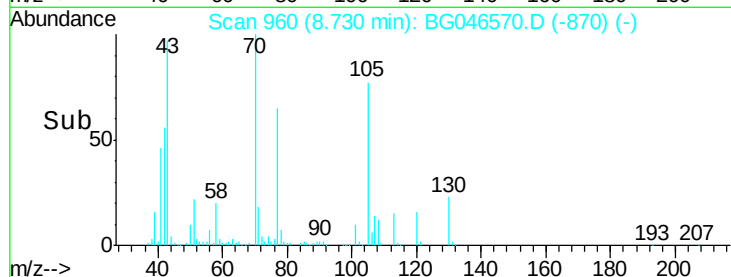
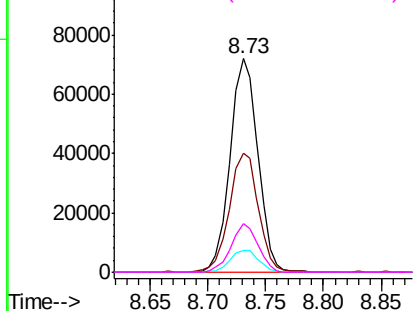
#19
n-Nitroso-di-n-propylamine
Concen: 37.409 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Instrument :
BNA_G
ClientSampleId :
PB131493BS

Tot Ion: 70 Resp: 119991
Ion Ratio Lower Upper
70 100
42 55.9 44.2 66.2
101 10.3 7.8 11.8
130 22.9 18.2 27.4

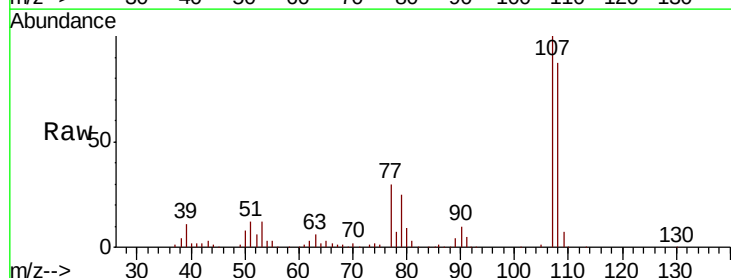


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

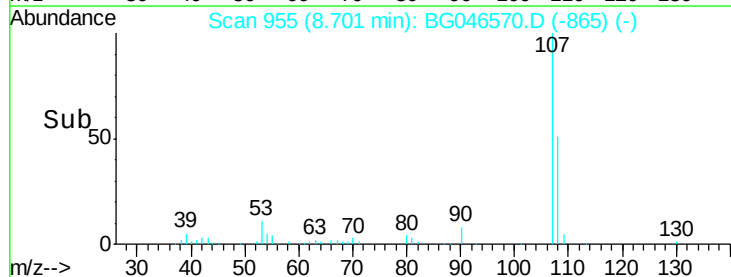
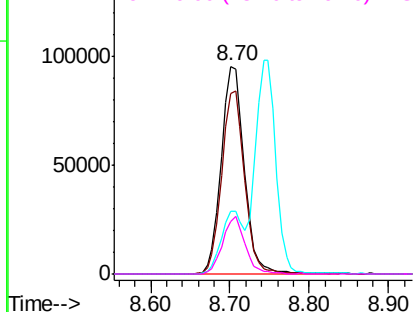


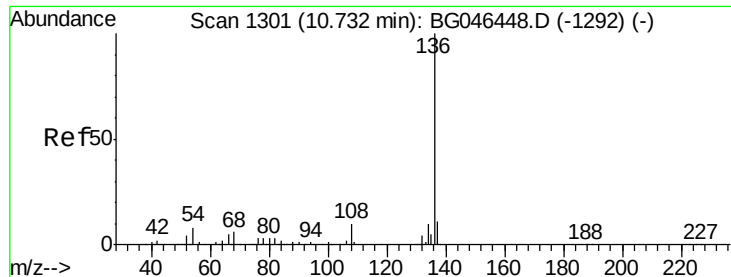
#20
3+4-Methylphenols
Concen: 39.712 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion: 107 Resp: 191995
Ion Ratio Lower Upper
107 100
108 87.0 69.7 109.7
77 30.1 9.7 49.7
79 25.1 6.9 46.9



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

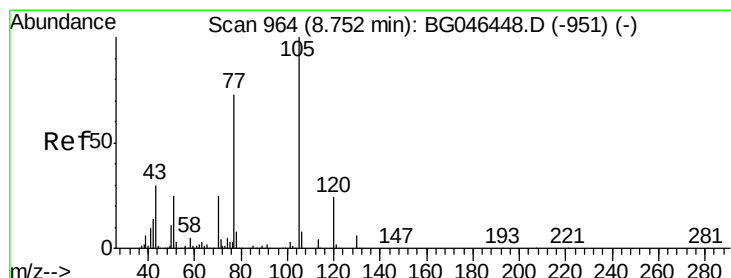
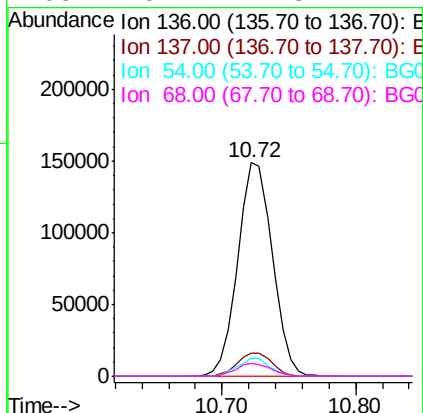
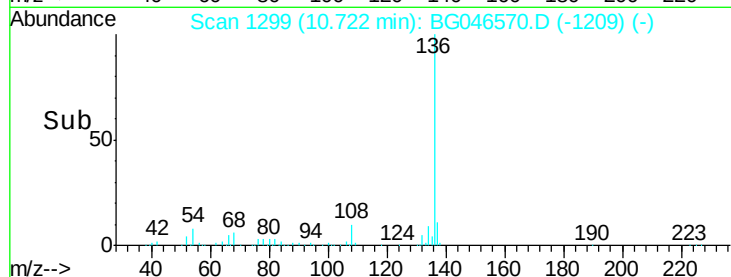
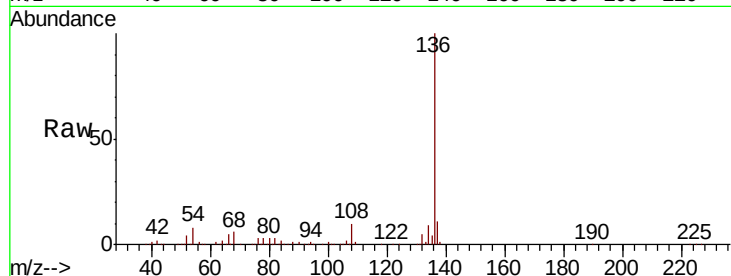




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

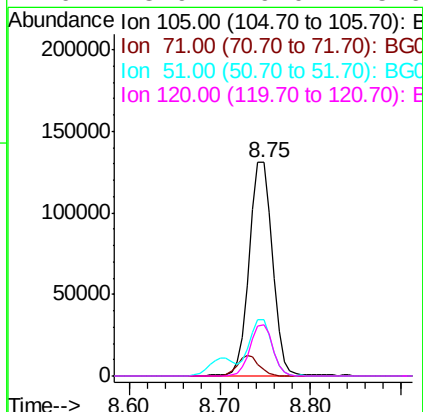
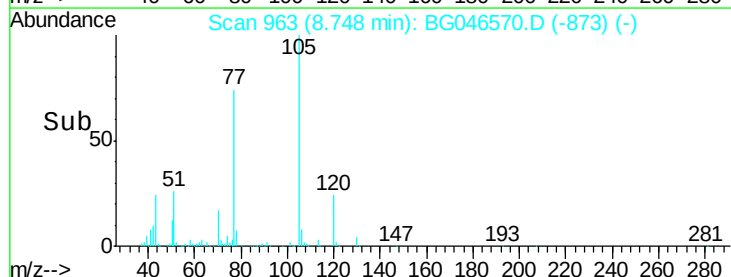
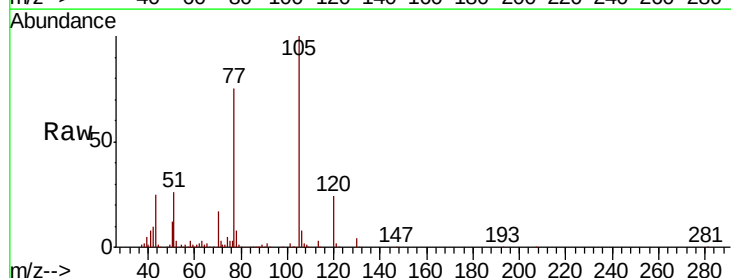
Instrument :
BNA_G
ClientSampleId :
PB131493BS

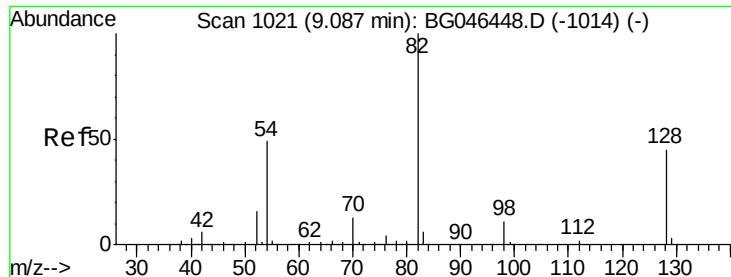
Tot Ion:136	Resp:	267115
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	8.3	6.1 9.1
68	6.1	4.8 7.2



#22
Acetophenone
Concen: 35.952 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion:105	Resp:	233765
Ion	Ratio	Lower Upper
105	100	
71	2.8	3.3 4.9#
51	26.5	20.6 31.0
120	23.9	19.0 28.6

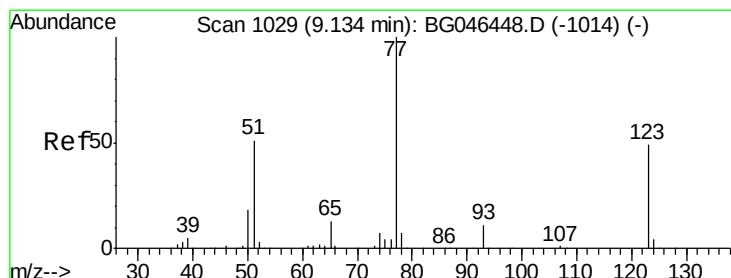
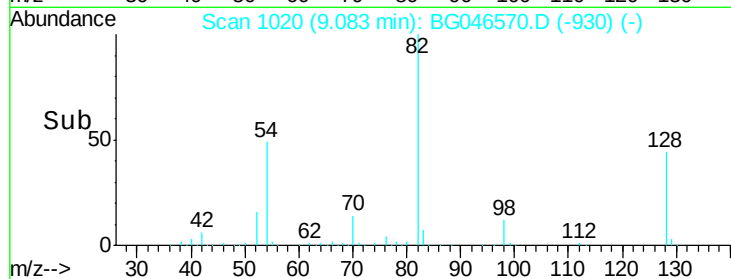
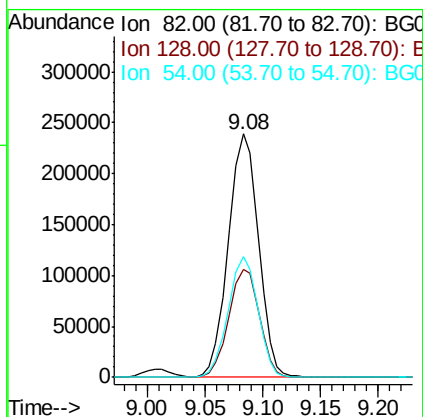
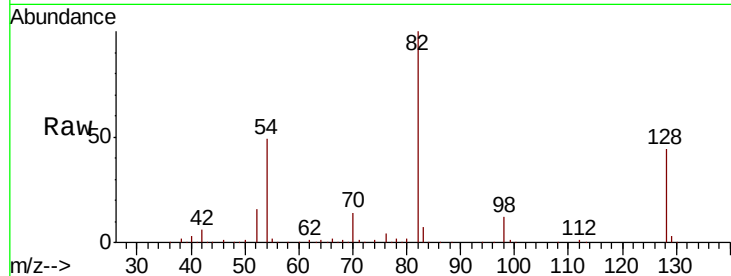




#23
 Nitrobenzene-d5
 Concen: 92.563 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

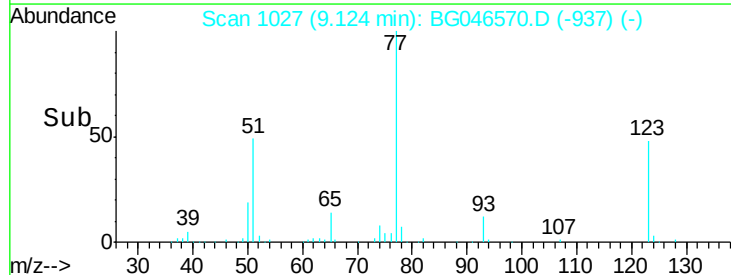
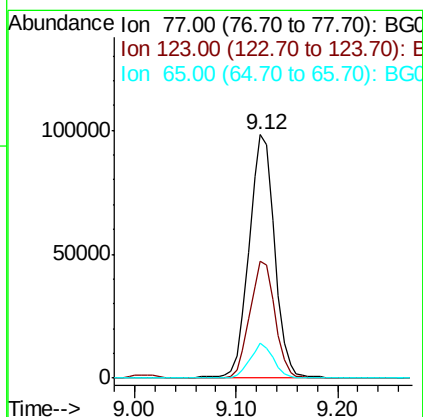
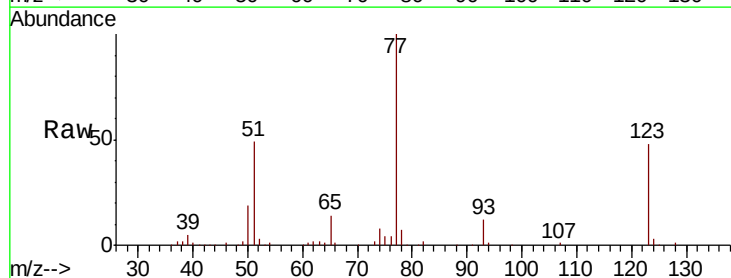
Instrument :
 BNA_G
 ClientSampleId :
 PB131493BS

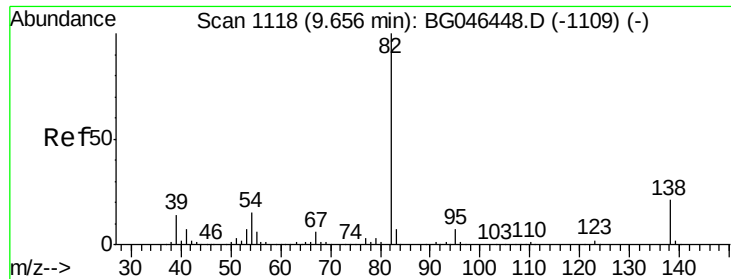
Tot Ion	82	Resp	432592
Ion Ratio	100	Lower	Upper
128	44.3	35.7	53.5
54	49.4	39.4	59.0



#24
 Nitrobenzene
 Concen: 37.244 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Tgt Ion	77	Resp	171963
Ion Ratio	100	Lower	Upper
123	47.9	39.6	59.4
65	14.2	10.1	15.1





#25

Isophorone

Concen: 38.241 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

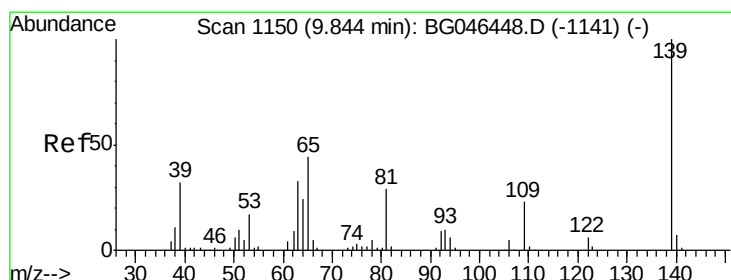
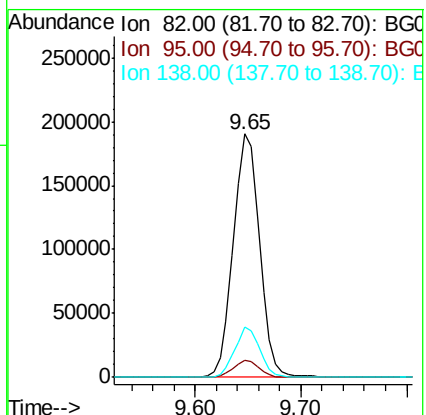
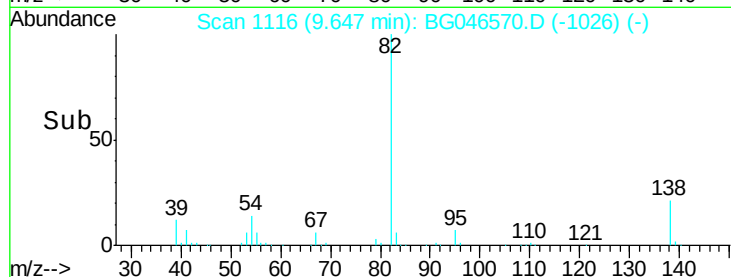
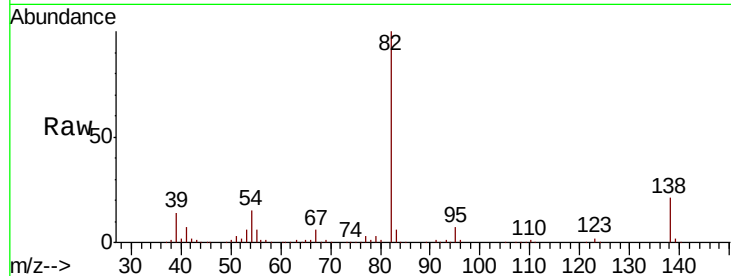
Tot Ion: 82 Resp: 327660

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 20.7 16.4 24.6



#26

2-Nitrophenol

Concen: 38.685 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

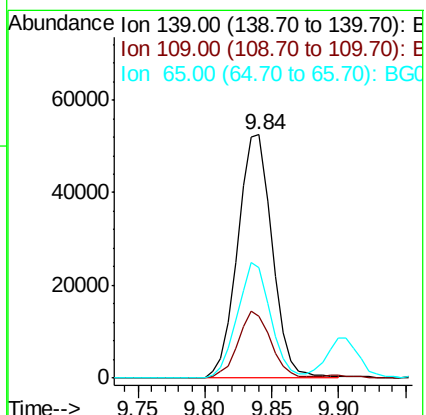
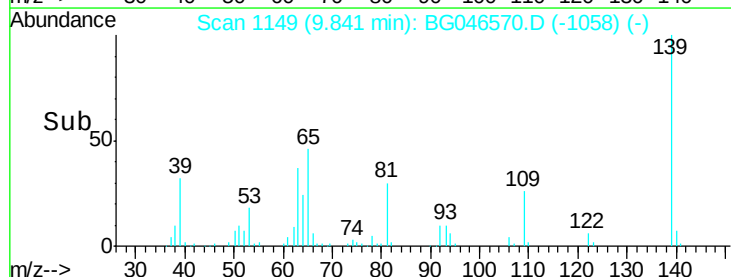
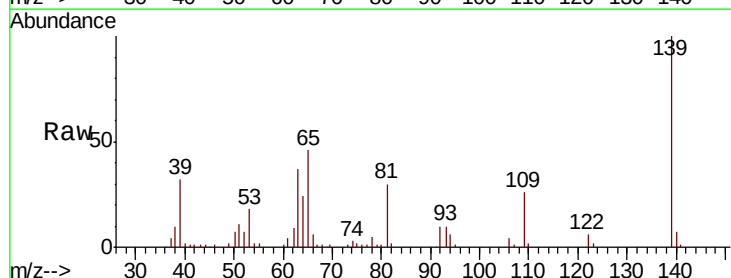
Tgt Ion: 139 Resp: 94238

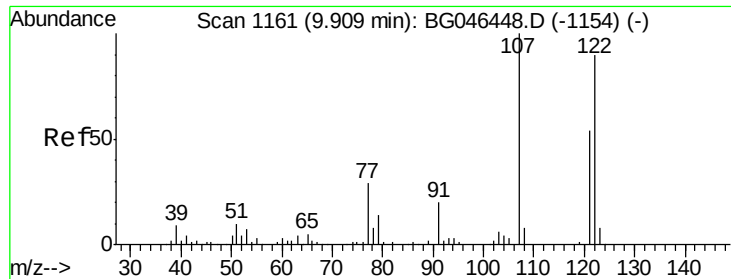
Ion Ratio Lower Upper

139 100

109 25.7 18.8 28.2

65 45.5 35.0 52.6

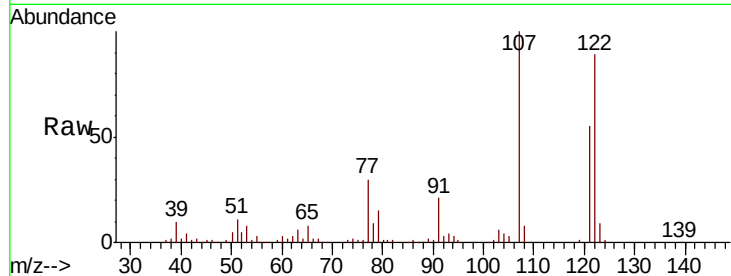




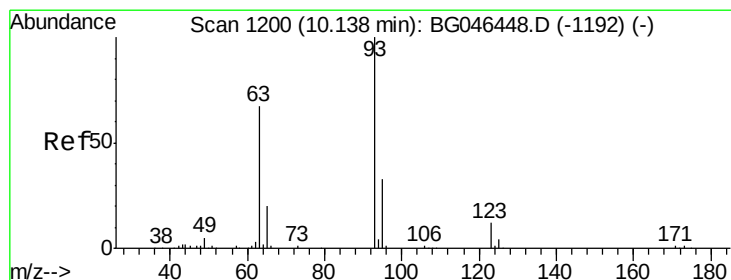
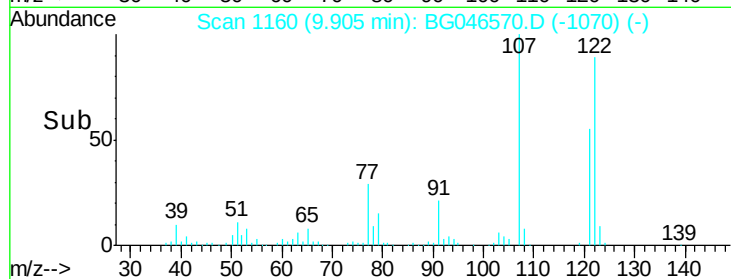
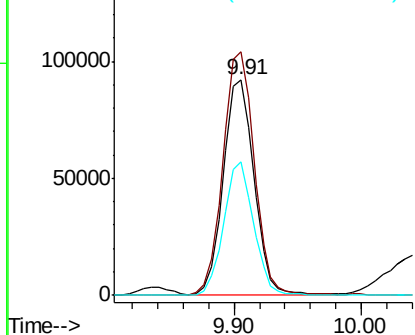
#27
 2,4-Dimethylphenol
 Concen: 46.015 ng
 RT: 9.91 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 PB131493BS

Tot Ion:122 Resp: 154173
 Ion Ratio Lower Upper
 122 100
 107 112.7 88.2 132.2
 121 61.7 47.4 71.0

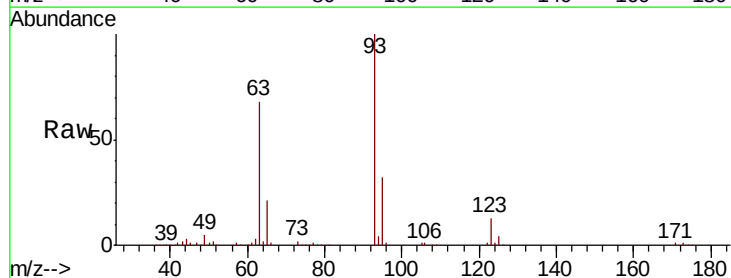


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

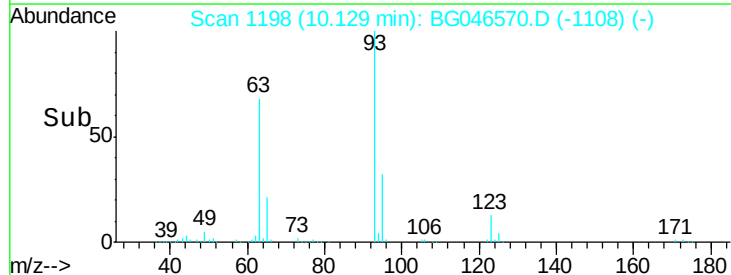
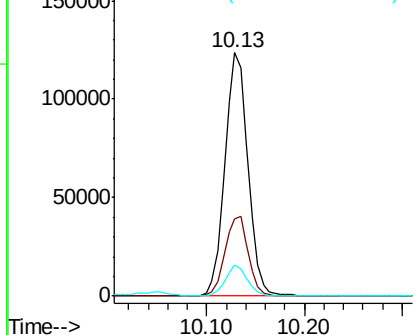


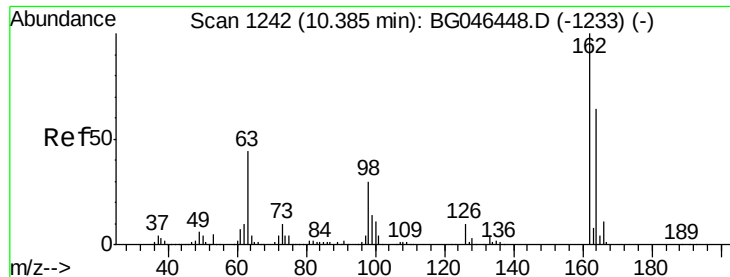
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.583 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Tgt Ion: 93 Resp: 201752
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.1 39.1
 123 12.6 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

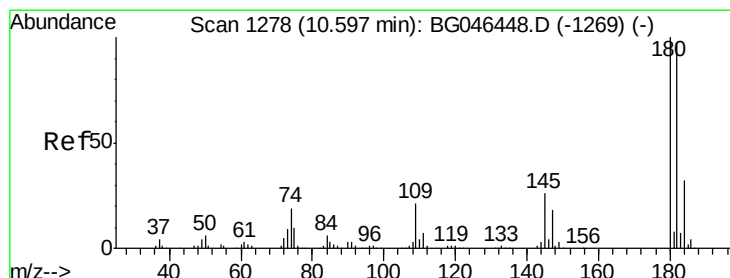
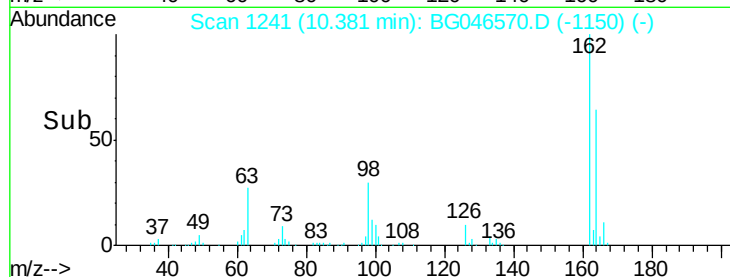
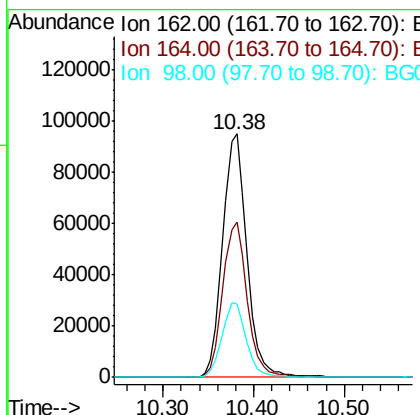
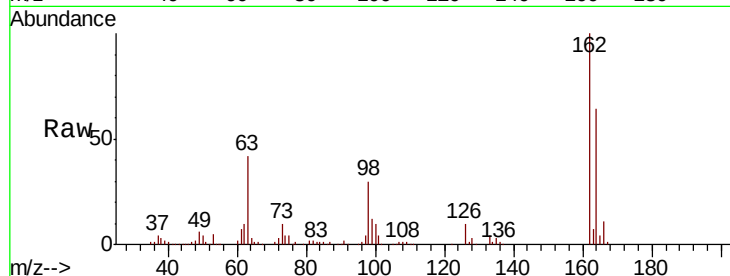




#29
2,4-Dichlorophenol
Concen: 39.628 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

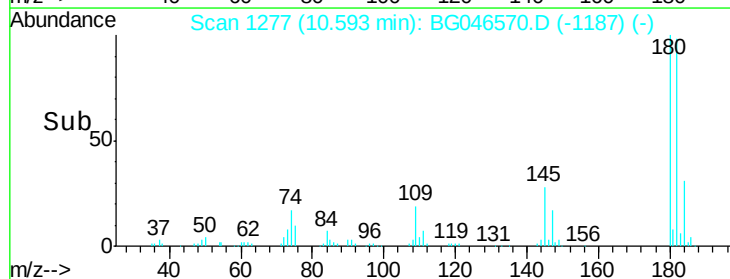
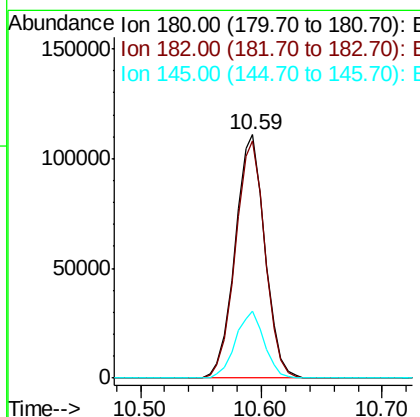
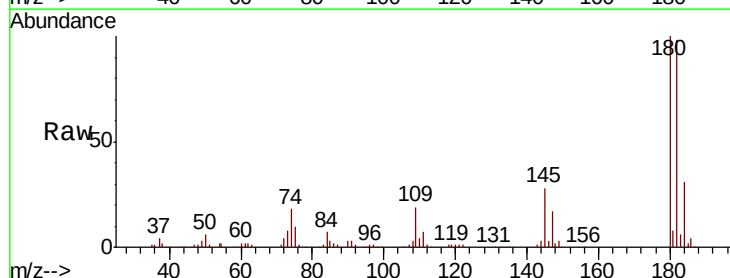
Instrument :
BNA_G
ClientSampleId :
PB131493BS

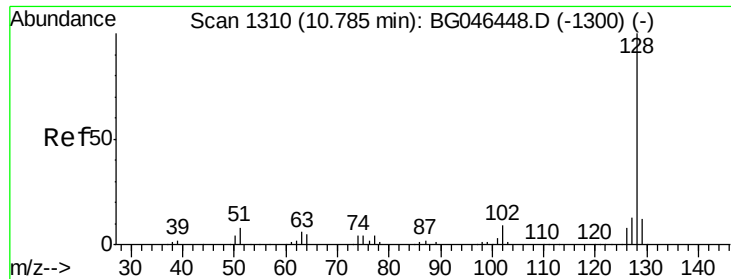
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.3	84.3
98	30.0	10.0	50.0



#30
1,2,4-Trichlorobenzene
Concen: 35.784 ng
RT: 10.59 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.8	116.8
145	27.7	20.9	31.3

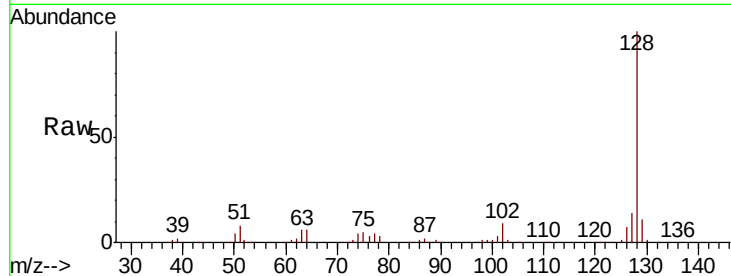




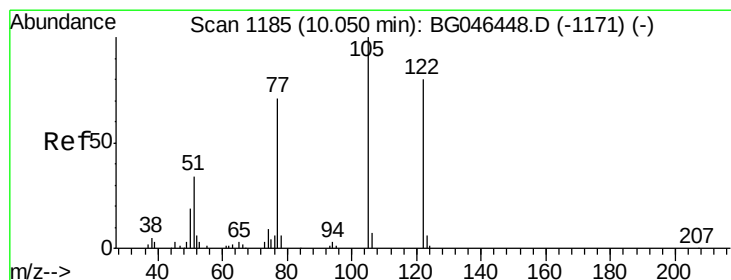
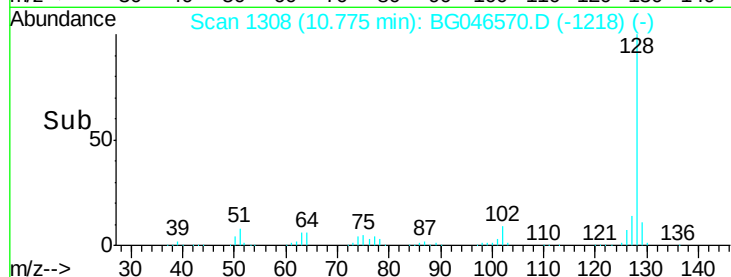
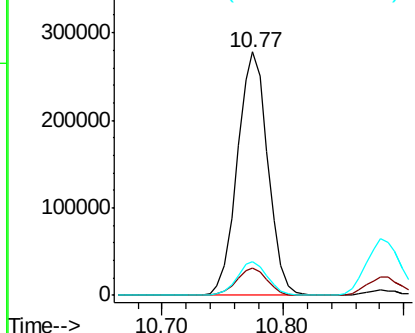
#31
Naphthalene
Concen: 37.418 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Instrument :
BNA_G
ClientSampleId :
PB131493BS

Tot Ion:128 Resp: 488018
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 14.1 10.7 16.1

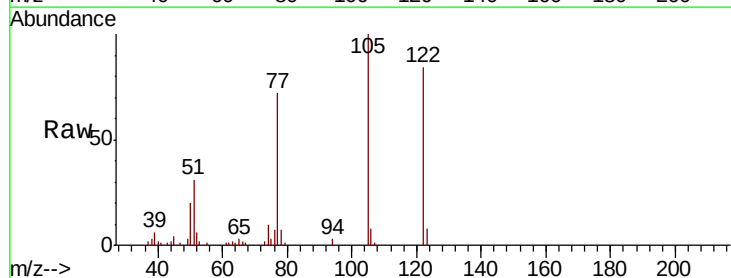


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

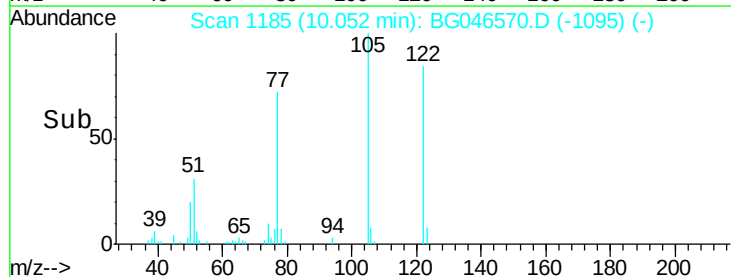
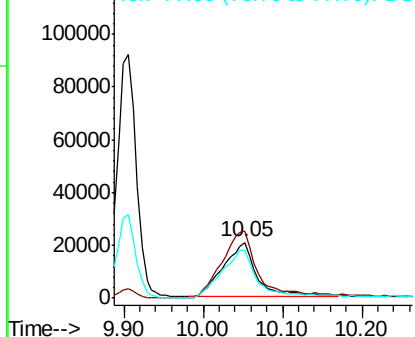


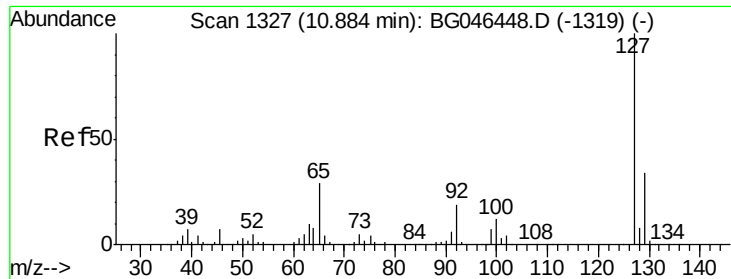
#32
Benzoic acid
Concen: 29.346 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion:122 Resp: 61250
Ion Ratio Lower Upper
122 100
105 119.7 102.5 142.5
77 85.9 68.2 108.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

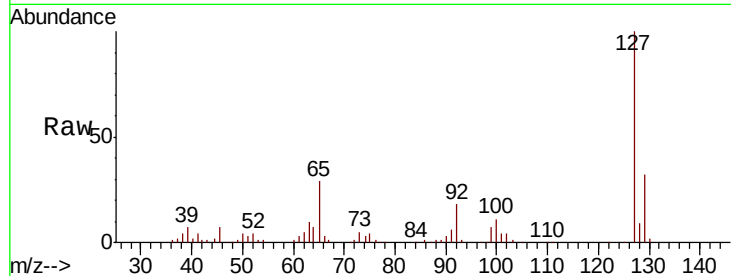




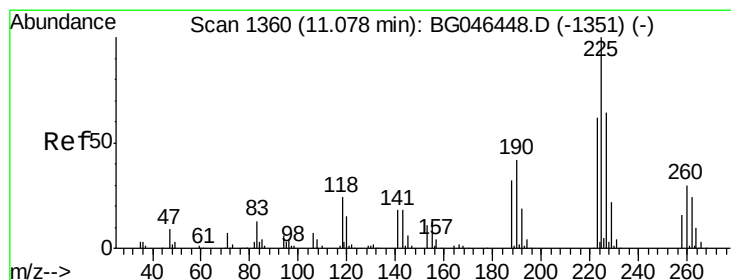
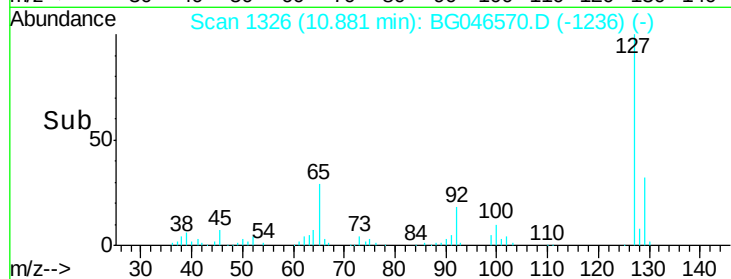
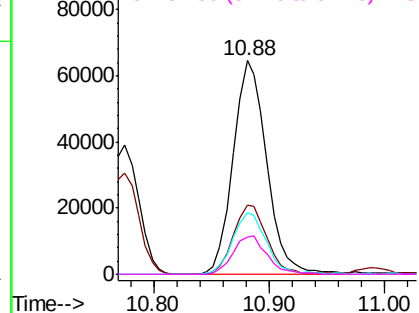
#33
4-Chloroaniline
Concen: 22.573 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Instrument :
BNA_G
ClientSampleId :
PB131493BS

Tot Ion:	127	Resp:	129819
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.0	40.4
65	29.0	23.5	35.3
92	17.6	14.9	22.3

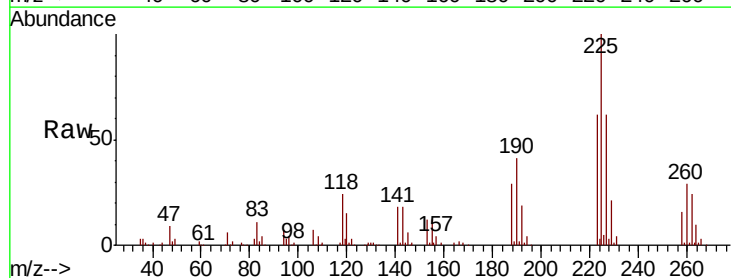


Abundance Ion 127.00 (126.70 to 127.70): E
100000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

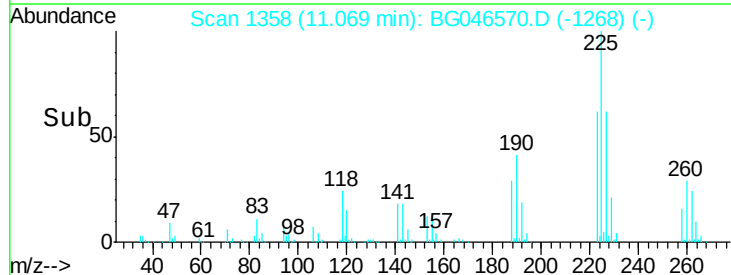
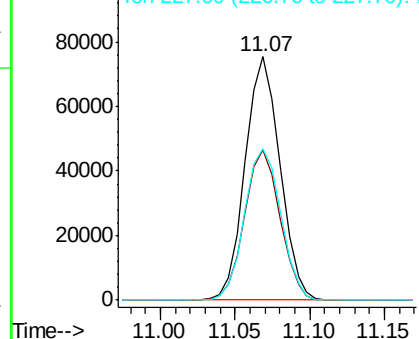


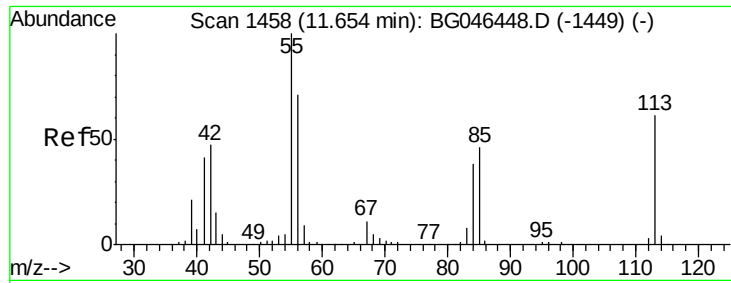
#34
Hexachlorobutadiene
Concen: 35.389 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion:	225	Resp:	121747
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.9	74.9
227	62.4	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
100000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.584 ng

RT: 11.65 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

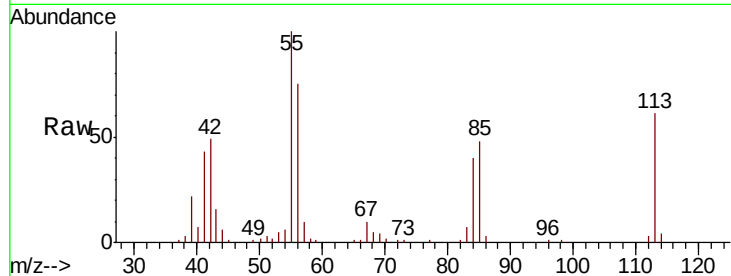
Tot Ion:113 Resp: 36037

Ion Ratio Lower Upper

113 100

55 163.2 144.2 184.2

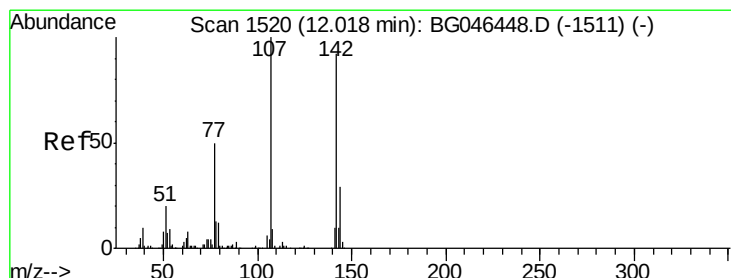
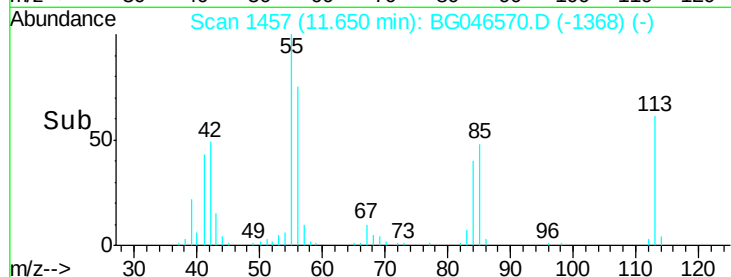
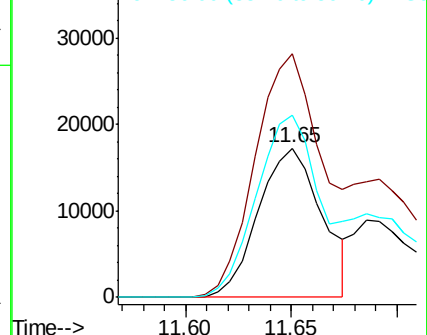
56 122.5 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.997 ng

RT: 12.01 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

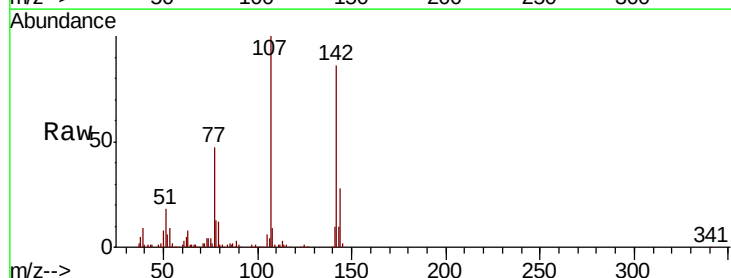
Tgt Ion:107 Resp: 170361

Ion Ratio Lower Upper

107 100

144 28.4 23.3 34.9

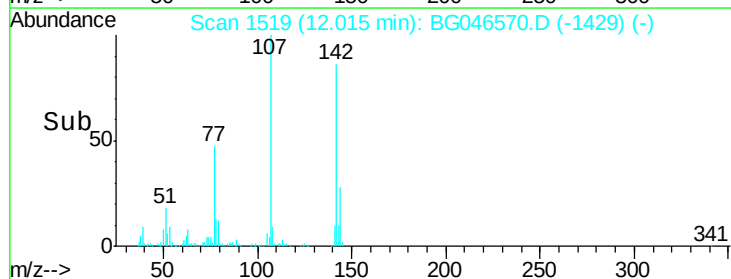
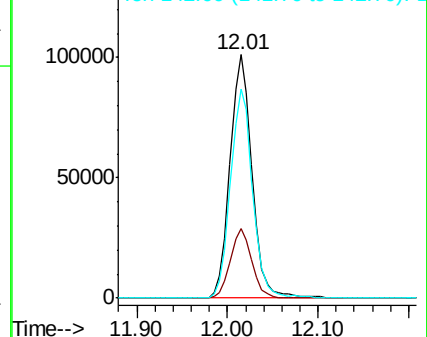
142 86.0 73.7 110.5

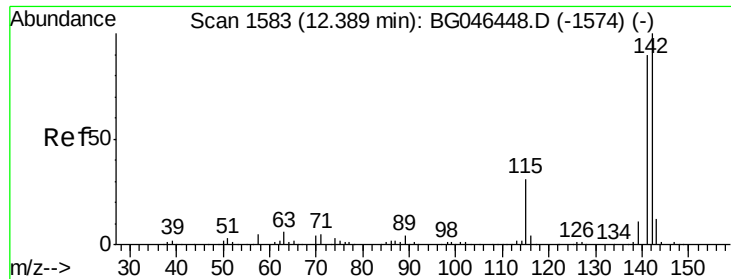


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

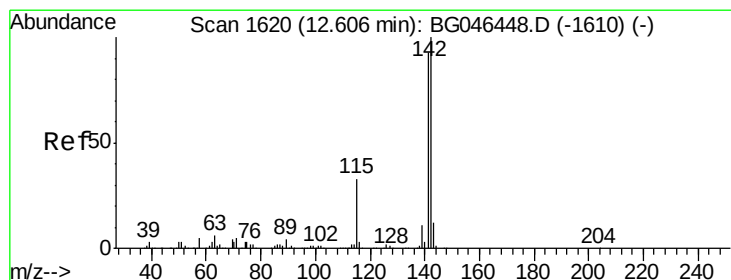
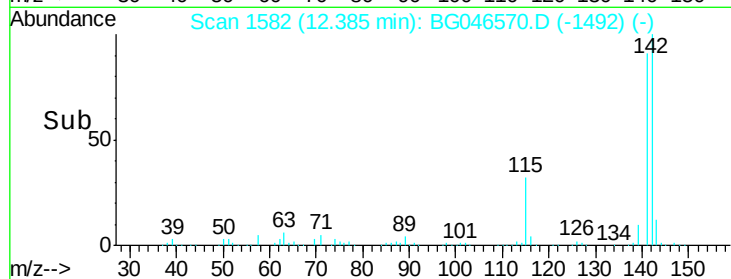
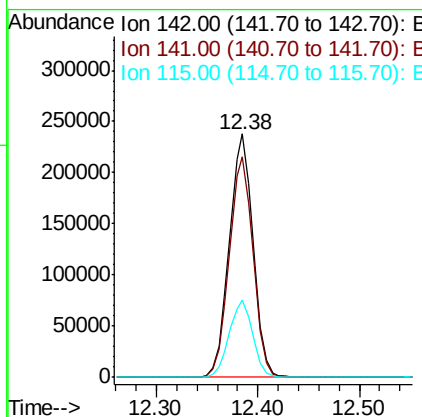
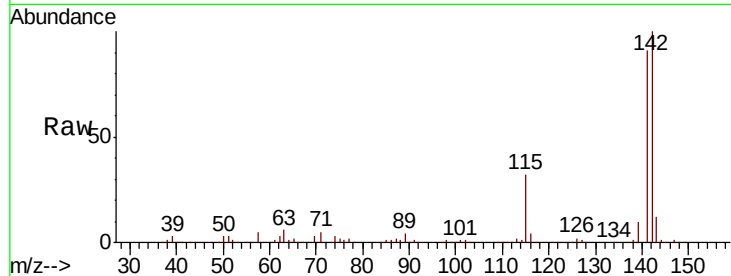




#37
 2-Methylnaphthalene
 Concen: 37.523 ng
 RT: 12.38 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

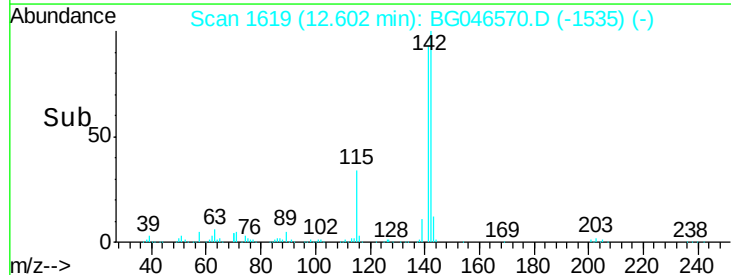
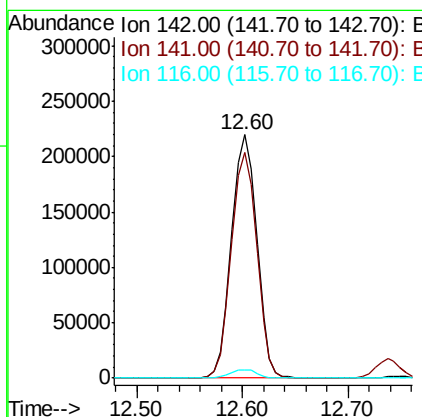
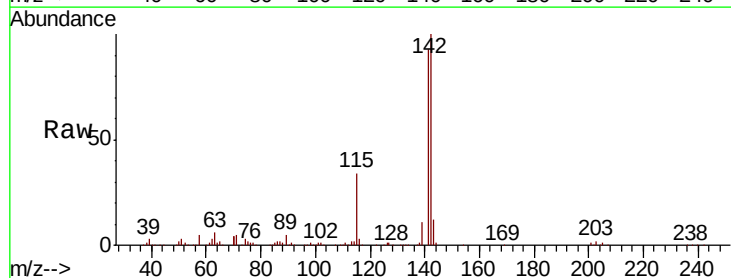
Instrument :
 BNA_G
 ClientSampleId :
 PB131493BS

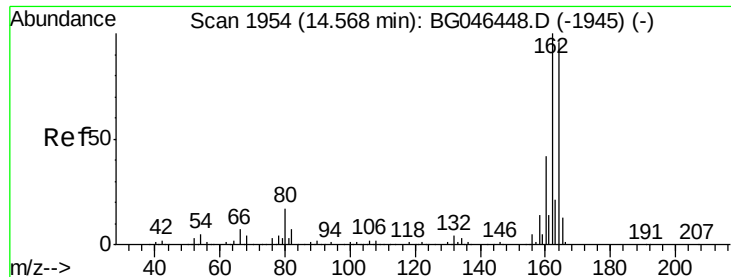
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.1	108.1
115	31.6	24.9	37.3



#38
 1-Methylnaphthalene
 Concen: 37.548 ng
 RT: 12.60 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.7	112.1
116	3.5	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

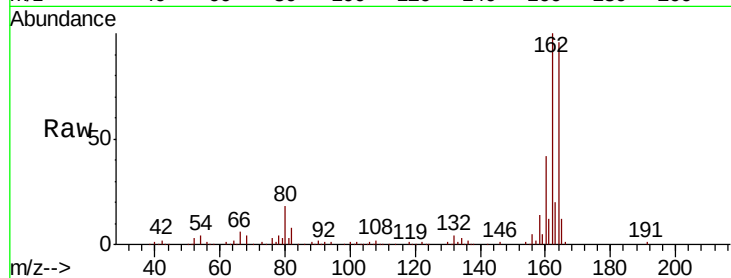
Tot Ion:164 Resp: 185441

Ion Ratio Lower Upper

164 100

162 104.5 83.3 124.9

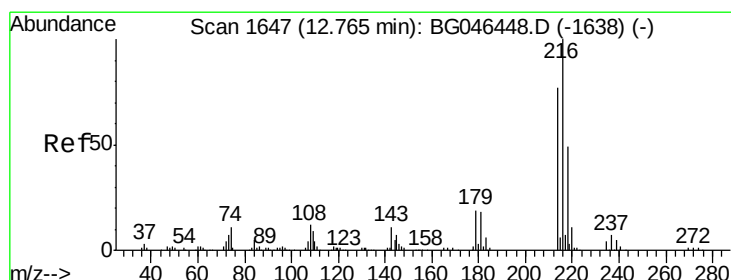
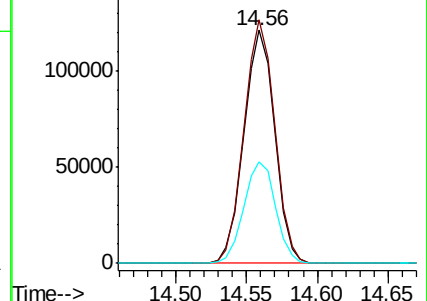
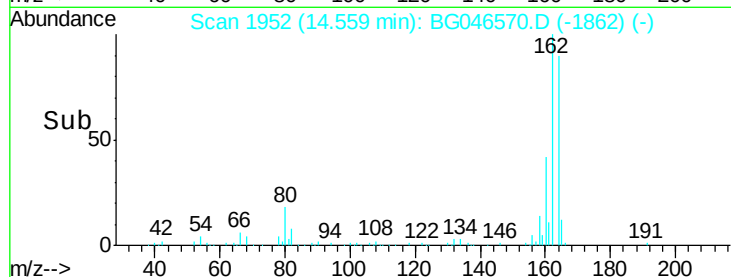
160 43.8 35.0 52.6



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: 37.423 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Tgt Ion:216 Resp: 228845

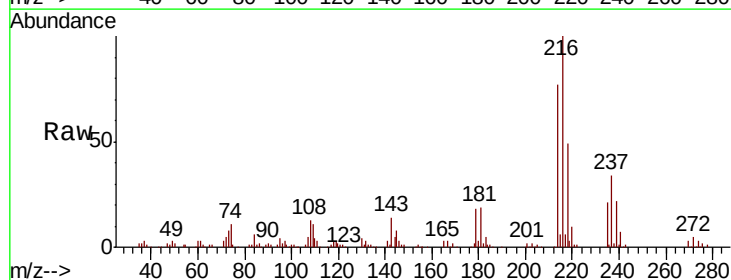
Ion Ratio Lower Upper

216 100

214 76.9 62.1 93.1

179 18.8 14.9 22.3

108 14.9 10.5 15.7

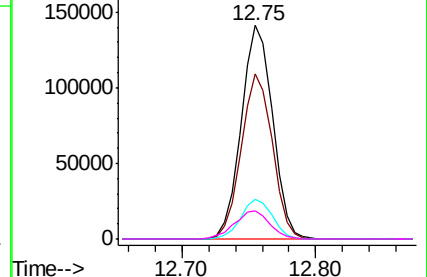
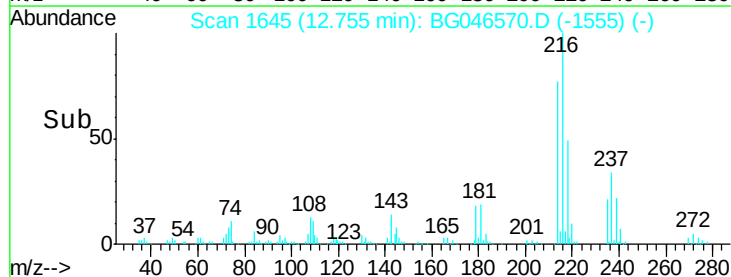


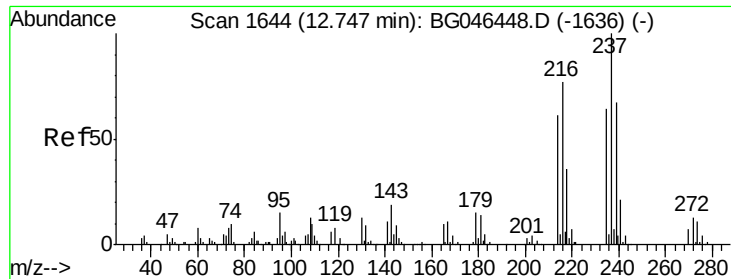
Abundance Ion 216.00 (215.70 to 216.70): E

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

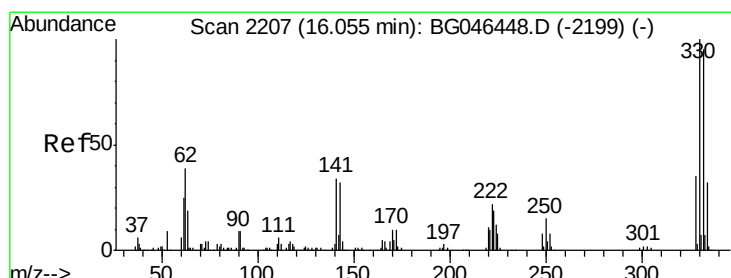
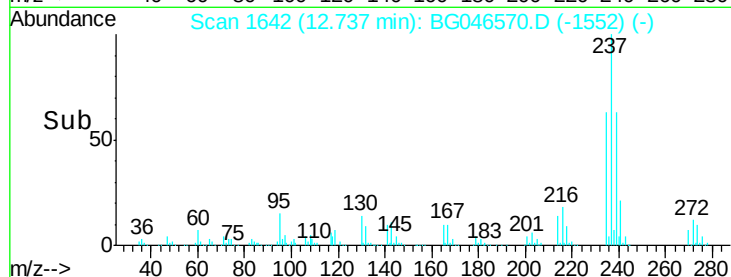
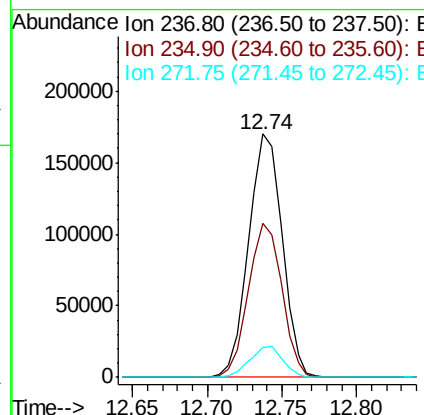
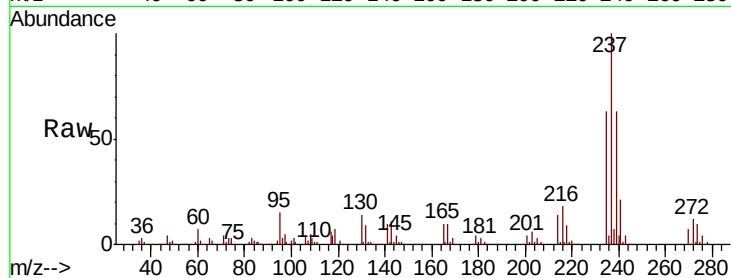




#41
Hexachlorocyclopentadiene
Concen: 99.514 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

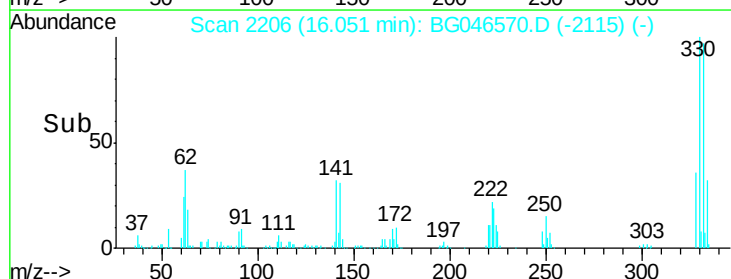
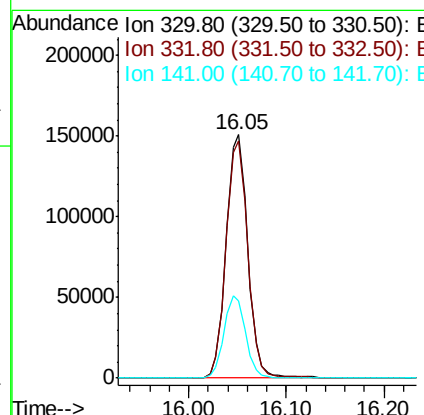
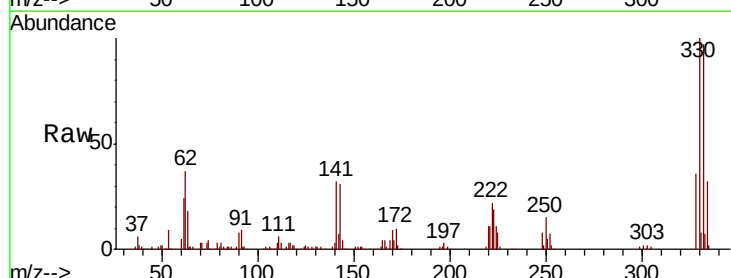
Instrument :
BNA_G
ClientSampleId :
PB131493BS

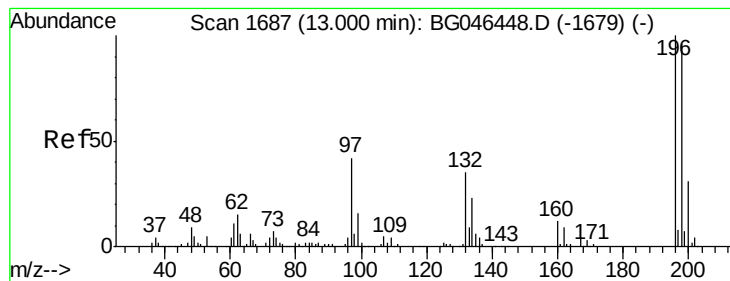
Tot Ion:237 Resp: 264608
Ion Ratio Lower Upper
237 100
235 63.3 44.5 84.5
272 12.4 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 92.482 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion:330 Resp: 232369
Ion Ratio Lower Upper
330 100
332 98.1 76.1 114.1
141 33.9 26.1 39.1





#43

2,4,6-Trichlorophenol

Concen: 36.986 ng

RT: 13.00 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

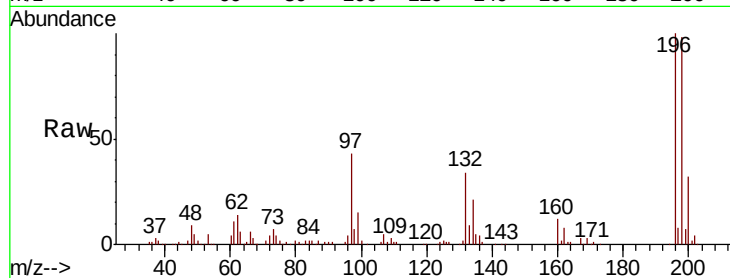
BNA_G

ClientSampleId :

PB131493BS

Tot Ion:196 Resp: 152631

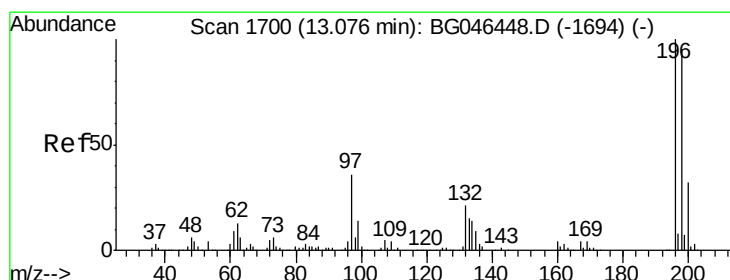
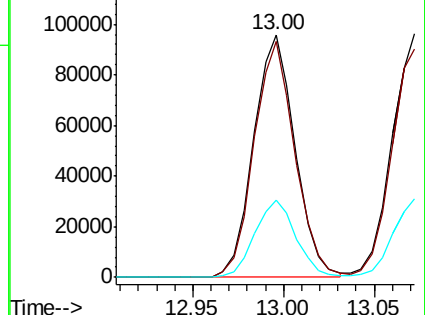
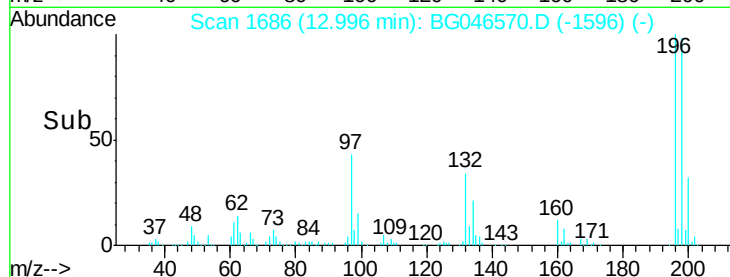
Ion	Ratio	Lower	Upper
196	100		
198	97.6	77.0	115.6
200	32.0	25.2	37.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 38.259 ng

RT: 13.07 min Scan# 1699

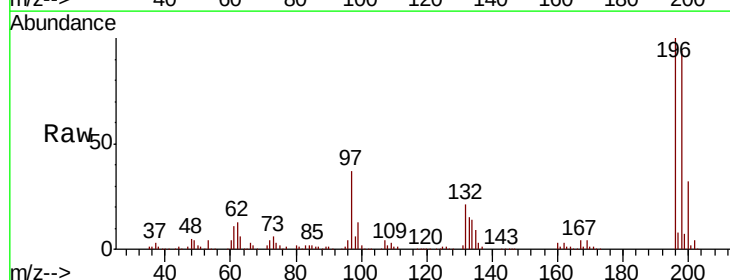
Delta R.T. 0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Tgt Ion:196 Resp: 165882

Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.6	113.4
97	36.6	28.6	43.0
132	21.4	17.0	25.6

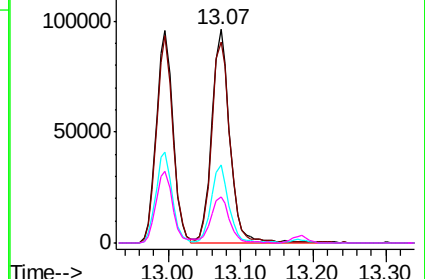
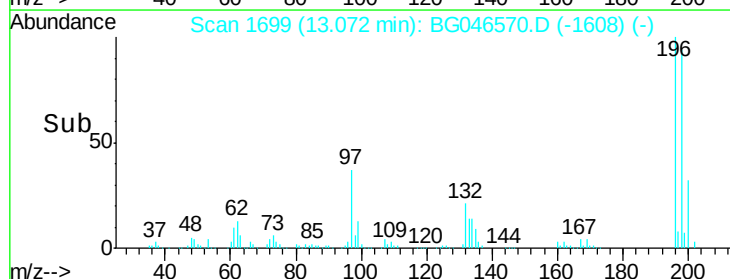


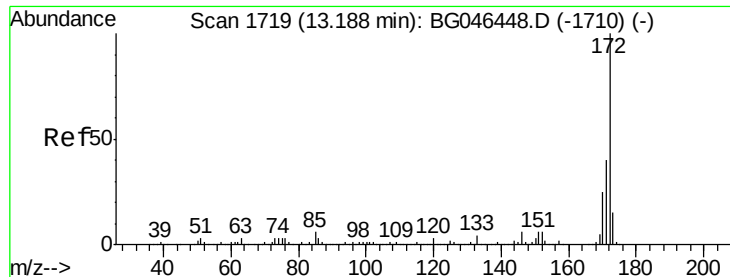
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

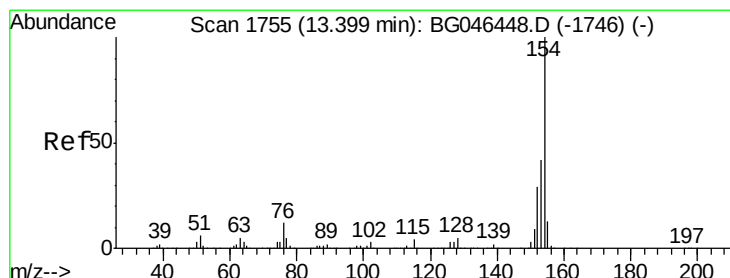
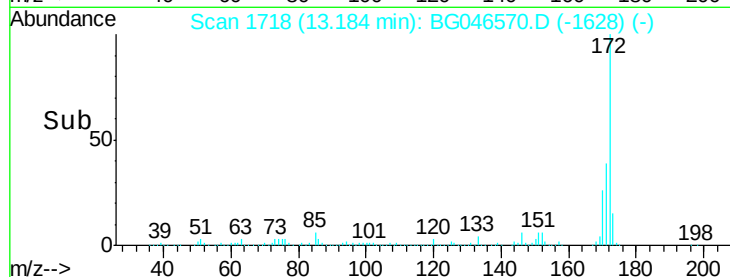
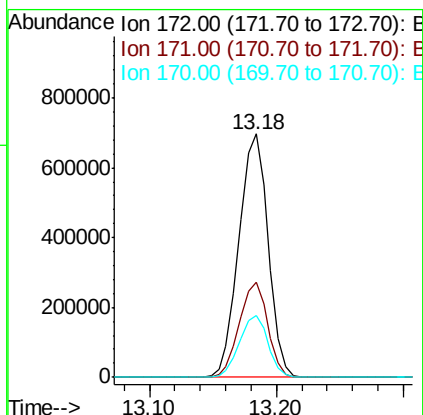
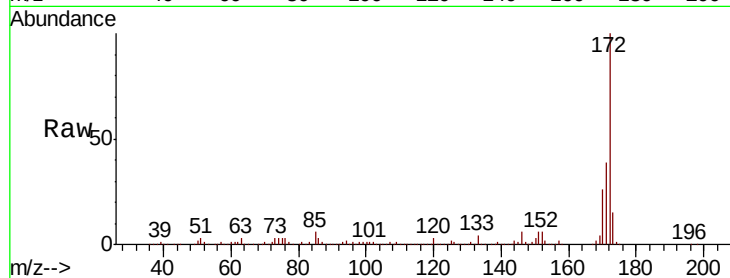




#45
2-Fluorobiphenyl
Concen: 91.556 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

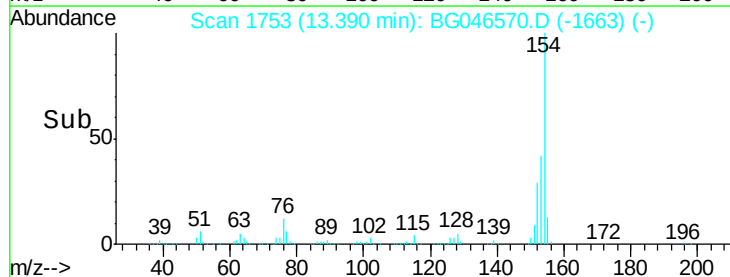
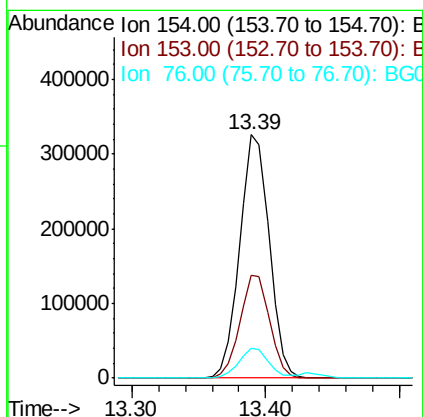
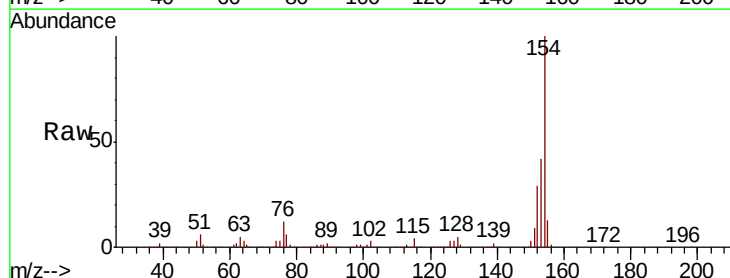
Instrument :
BNA_G
ClientSampleId :
PB131493BS

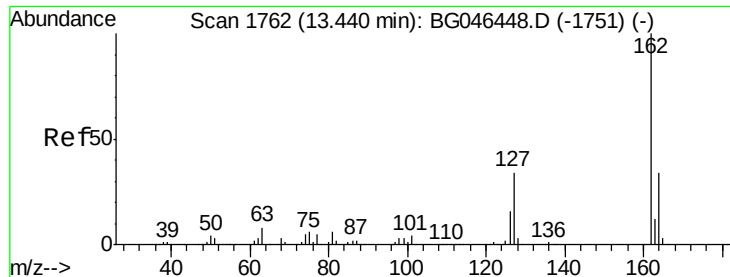
Tot Ion:172 Resp: 1112186
Ion Ratio Lower Upper
172 100
171 39.1 31.8 47.6
170 25.6 20.3 30.5



#46
1,1'-Biphenyl
Concen: 38.636 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion:154 Resp: 498477
Ion Ratio Lower Upper
154 100
153 42.1 22.0 62.0
76 12.2 0.0 32.3

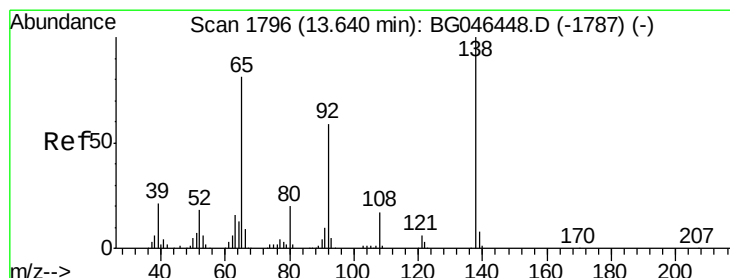
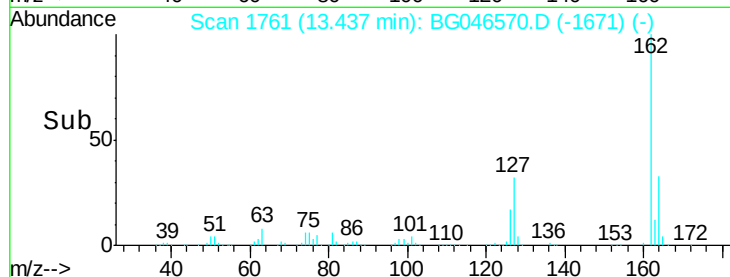
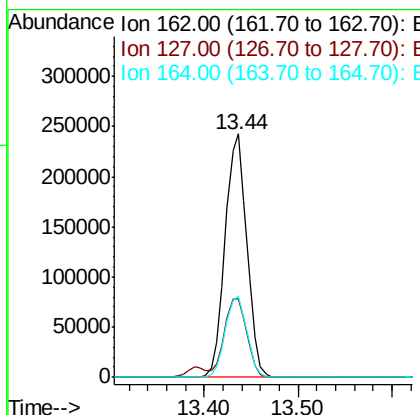
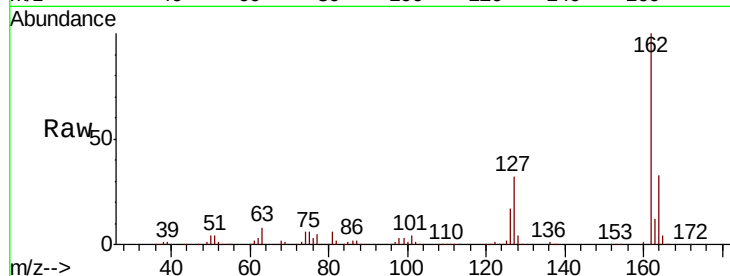




#47
 2-Chloronaphthalene
 Concen: 35.623 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

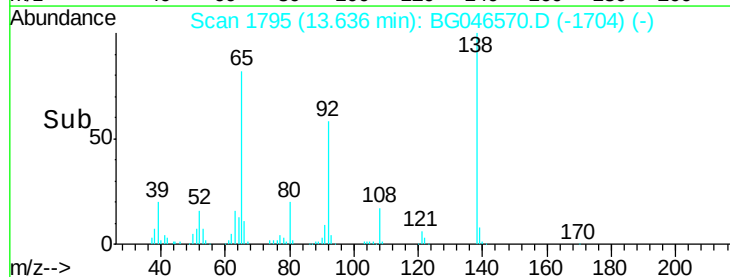
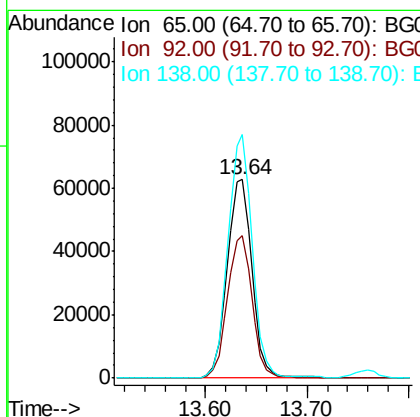
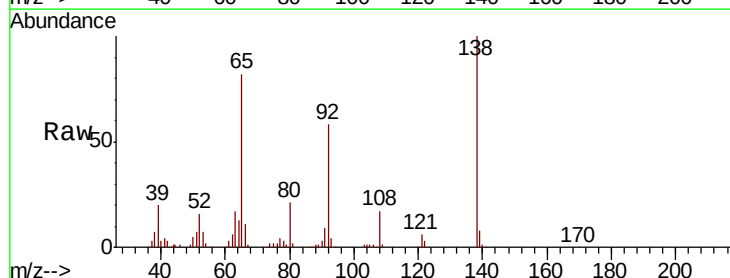
Instrument :
 BNA_G
 ClientSampleId :
 PB131493BS

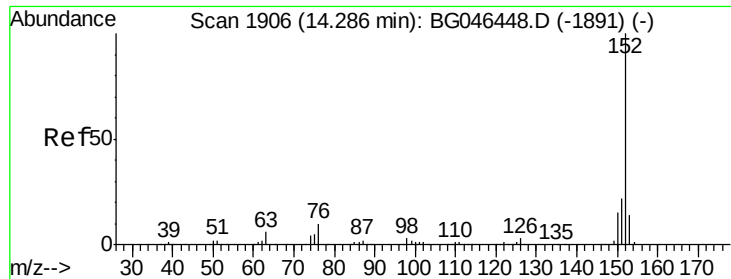
Tot Ion	Ratio	Lower	Upper
162	100		
127	32.5	27.6	41.4
164	33.5	27.3	40.9



#48
 2-Nitroaniline
 Concen: 35.373 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	58.5	87.7
138	122.5	98.4	147.6





#49

Acenaphthylene

Concen: 37.936 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

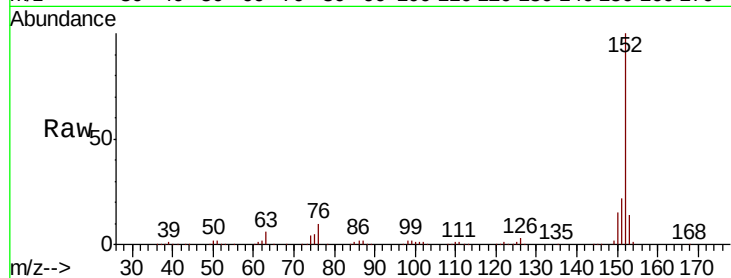
Tot Ion:152 Resp: 629495

Ion Ratio Lower Upper

152 100

151 21.5 17.7 26.5

153 14.1 11.2 16.8

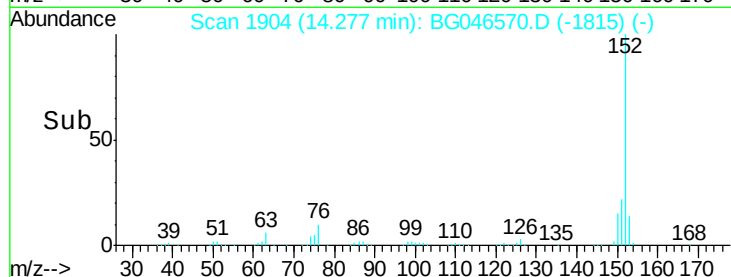


Abundance Ion 152.00 (151.70 to 152.70): E

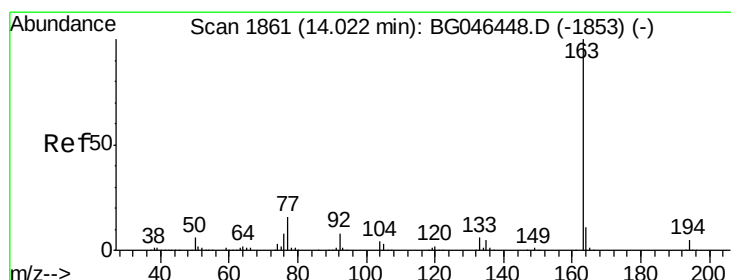
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->



Time-->



#50

Dimethylphthalate

Concen: 35.295 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

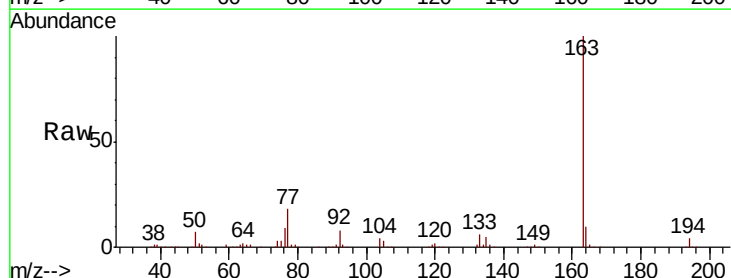
Tgt Ion:163 Resp: 506370

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

164 10.2 8.6 12.8

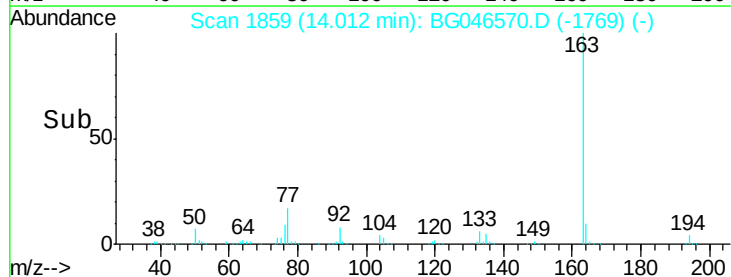


Abundance Ion 163.00 (162.70 to 163.70): E

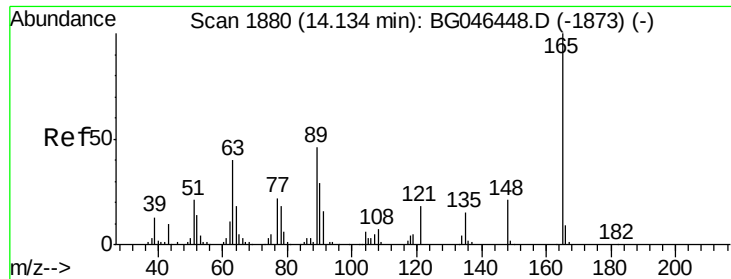
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



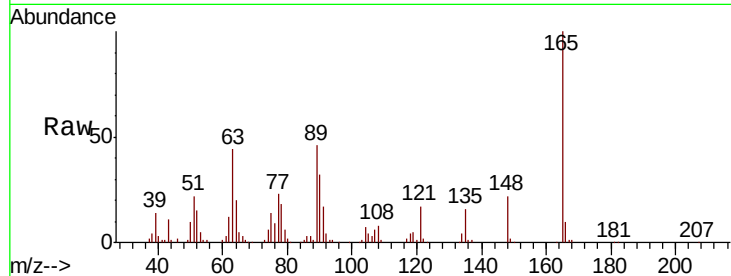
Time-->



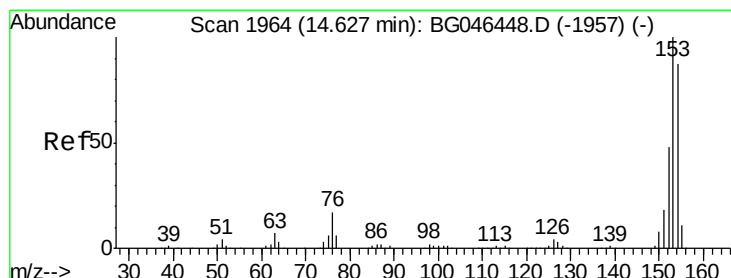
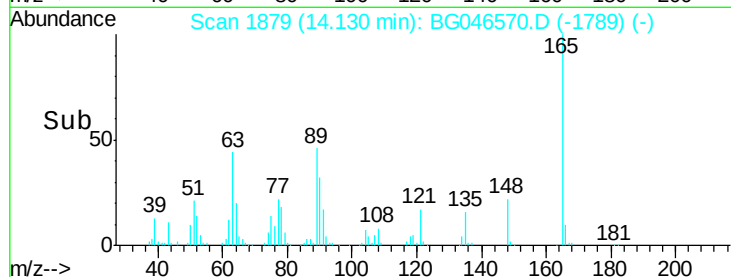
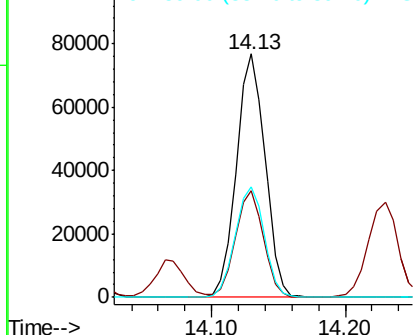
#51
 2,6-Dinitrotoluene
 Concen: 36.081 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 PB131493BS

Tot Ion:165 Resp: 114106
 Ion Ratio Lower Upper
 165 100
 63 44.0 34.2 51.4
 89 45.6 37.0 55.4

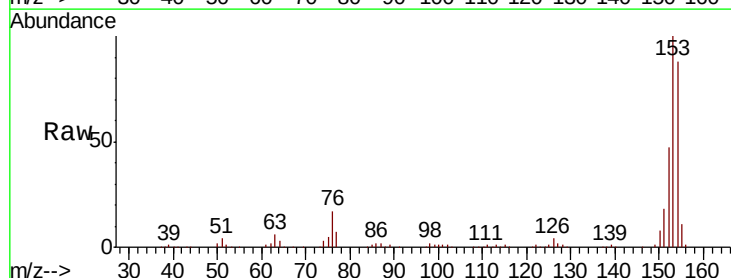


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

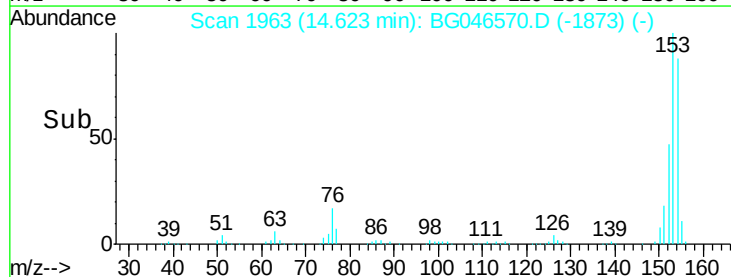
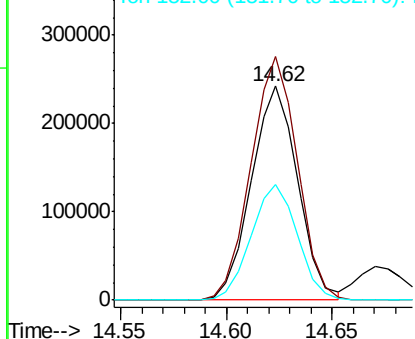


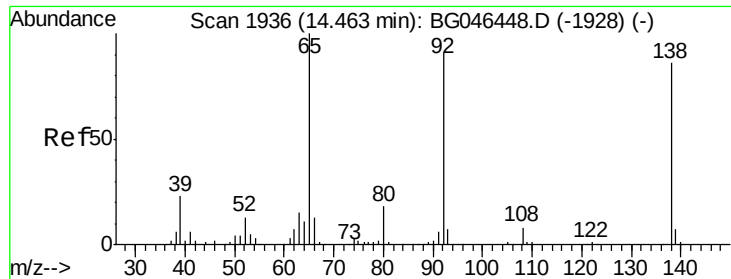
#52
 Acenaphthene
 Concen: 35.902 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Tgt Ion:154 Resp: 369173
 Ion Ratio Lower Upper
 154 100
 153 113.8 91.9 137.9
 152 53.9 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.229 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

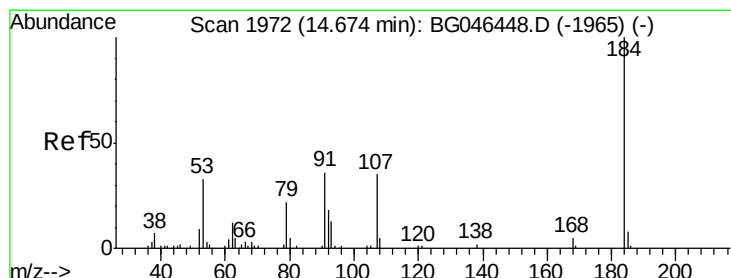
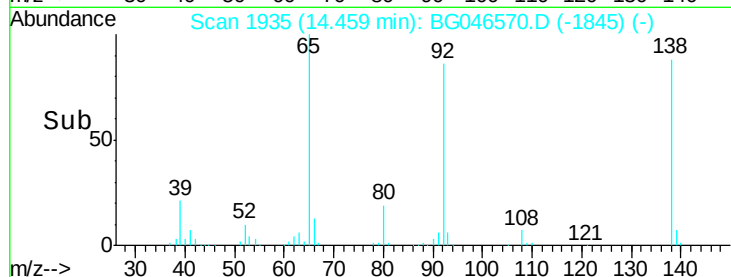
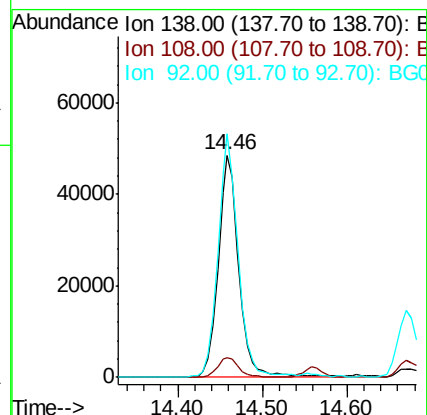
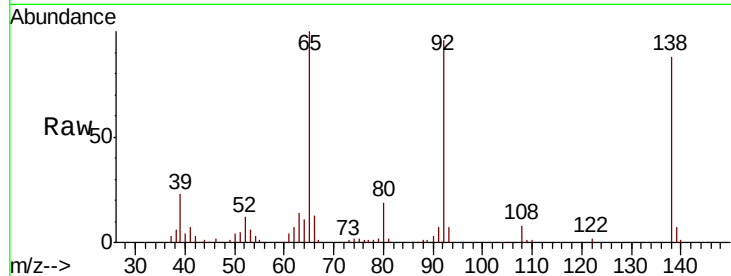
Tot Ion:138 Resp: 83001

Ion Ratio Lower Upper

138 100

108 8.6 7.0 10.6

92 109.6 84.6 127.0



#54

2,4-Dinitrophenol

Concen: 69.452 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

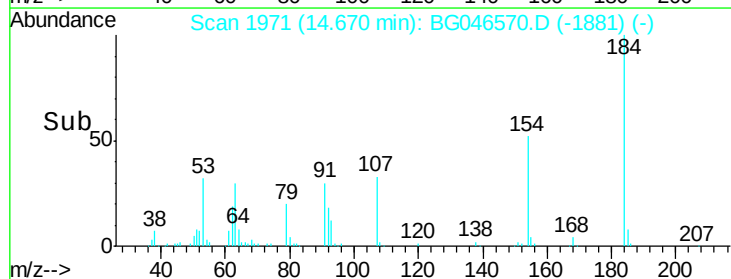
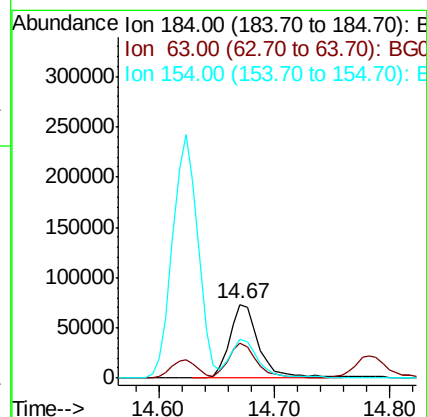
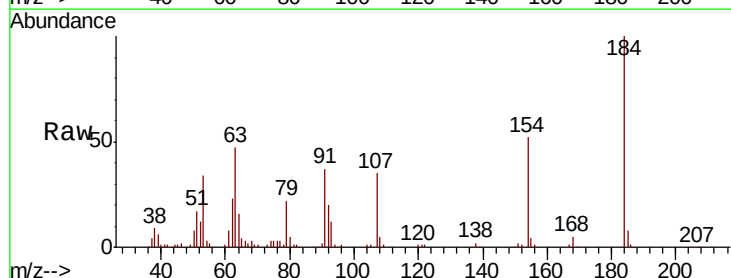
Tgt Ion:184 Resp: 128207

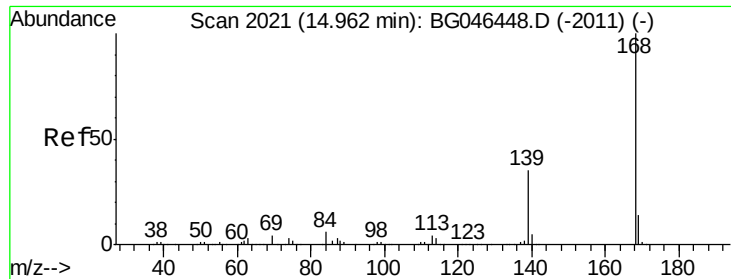
Ion Ratio Lower Upper

184 100

63 46.7 35.6 53.4

154 52.4 44.3 66.5





#55

Dibenzofuran

Concen: 36.744 ng

RT: 14.96 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

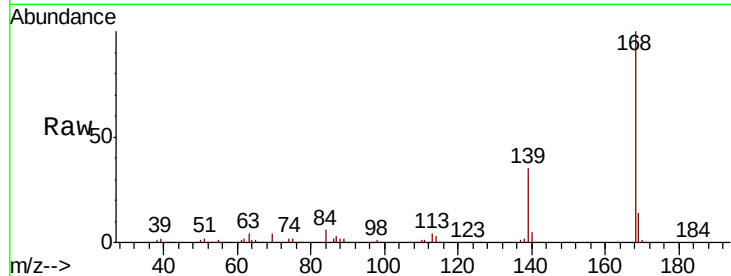
Tot Ion:168 Resp: 606362

Ion Ratio Lower Upper

168 100

139 35.0 28.1 42.1

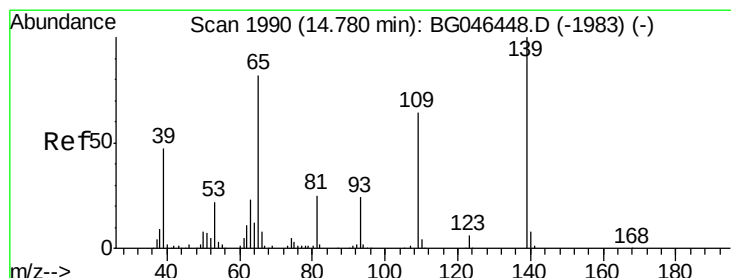
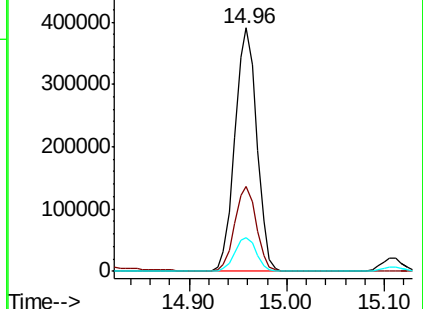
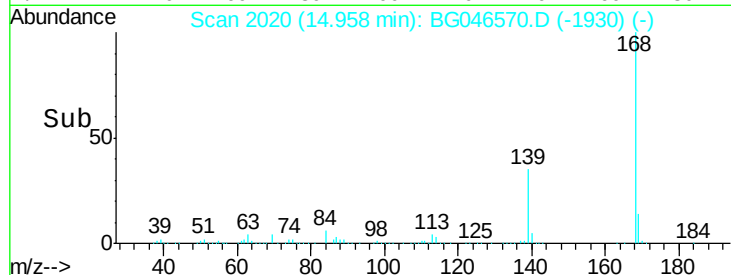
169 13.9 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 70.981 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

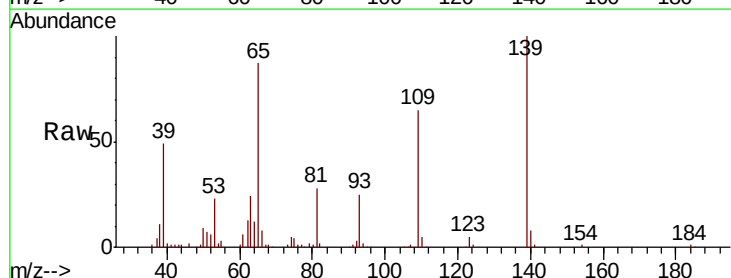
Tgt Ion:139 Resp: 178952

Ion Ratio Lower Upper

139 100

109 65.0 44.3 84.3

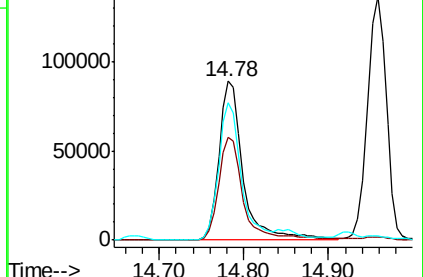
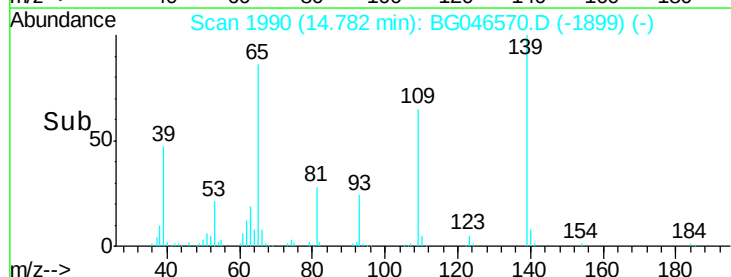
65 86.5 61.5 101.5

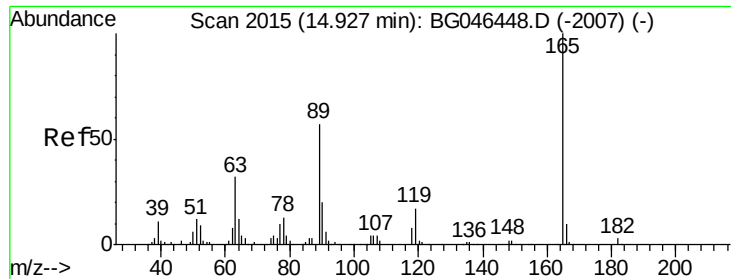


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

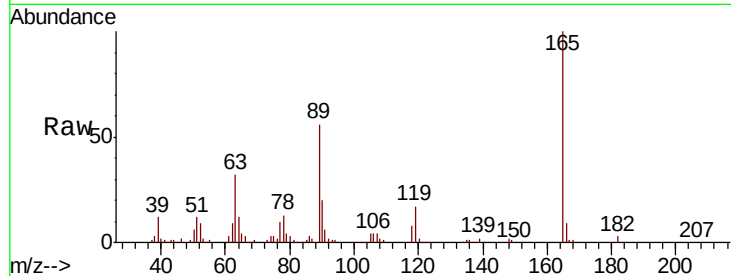




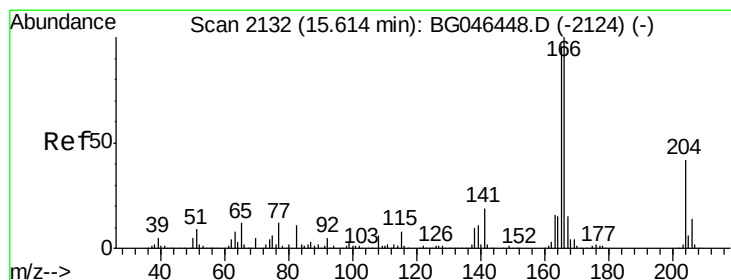
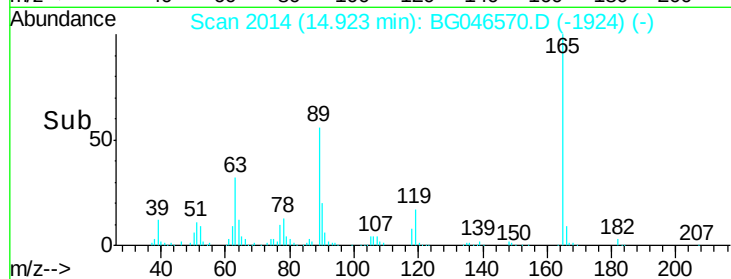
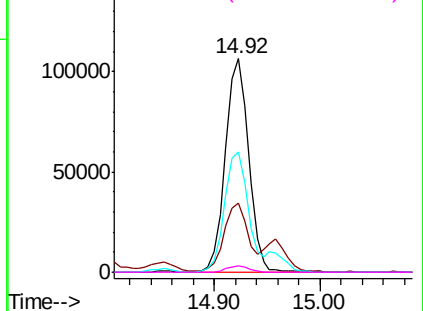
#57
 2,4-Dinitrotoluene
 Concen: 36.042 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Instrument :
 BNA_G
 ClientSampleId :
 PB131493BS

Tot Ion:165	Resp:	162525
Ion	Ratio	Lower Upper
165	100	
63	32.2	25.4 38.0
89	56.3	45.9 68.9
182	2.8	2.3 3.5

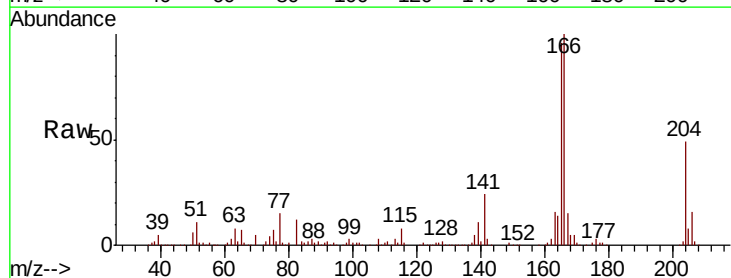


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

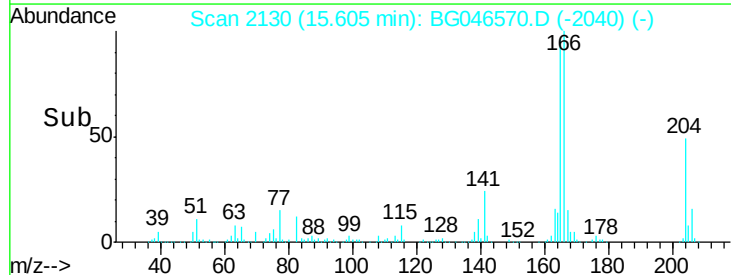
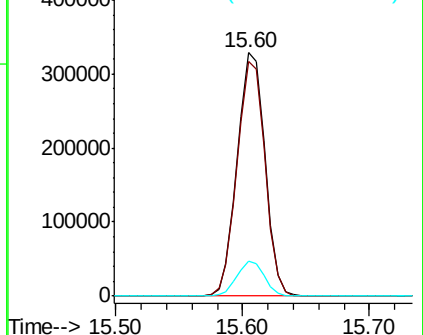


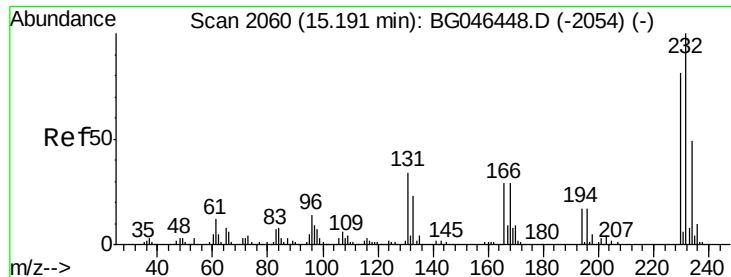
#58
 Fluorene
 Concen: 36.021 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Tgt Ion:166	Resp:	498898
Ion	Ratio	Lower Upper
166	100	
165	96.5	77.0 115.4
167	14.5	11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

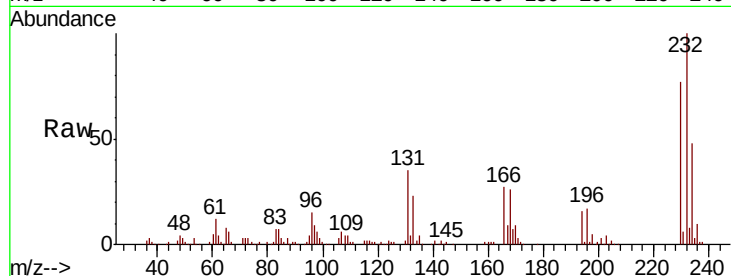




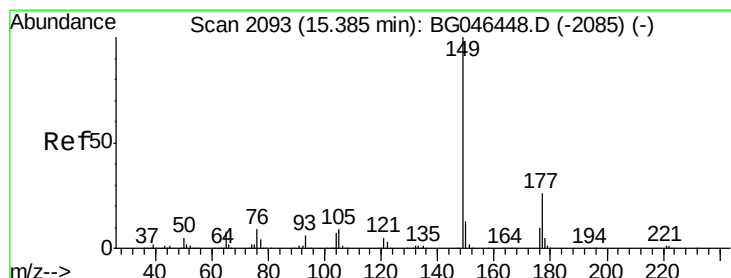
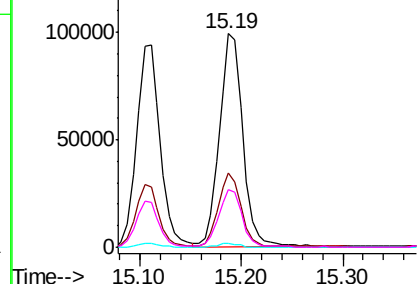
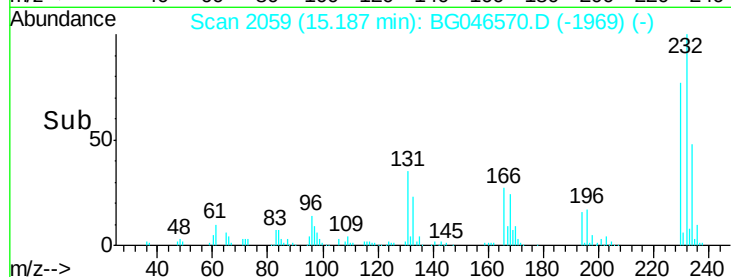
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.652 ng
RT: 15.19 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Instrument :
BNA_G
ClientSampled :
PB131493BS

Tot Ion:	232	Resp:	158529
Ion	Ratio	Lower	Upper
232	100		
131	33.7	26.8	40.2
130	1.7	1.4	2.2
166	26.9	22.8	34.2

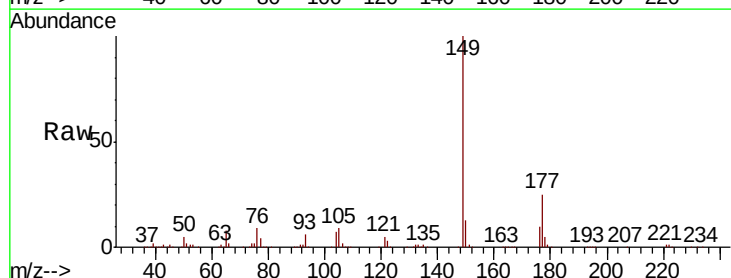


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

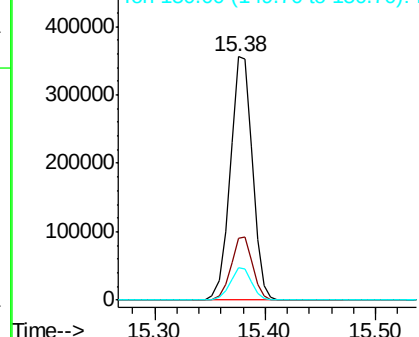
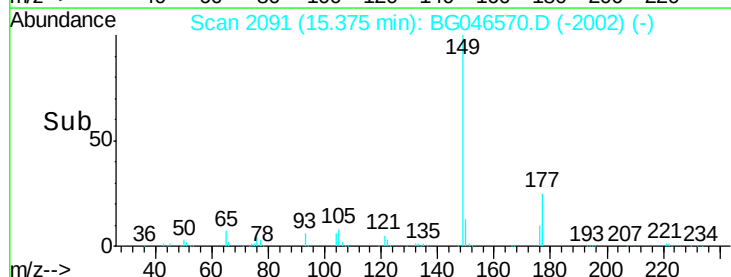


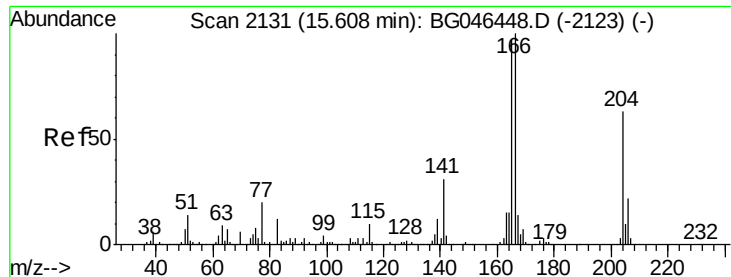
#60
Diethylphthalate
Concen: 35.785 ng
RT: 15.38 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion:	149	Resp:	500558
Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.6	30.8
150	13.3	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

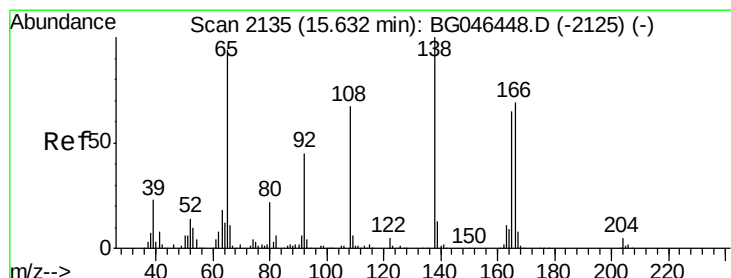
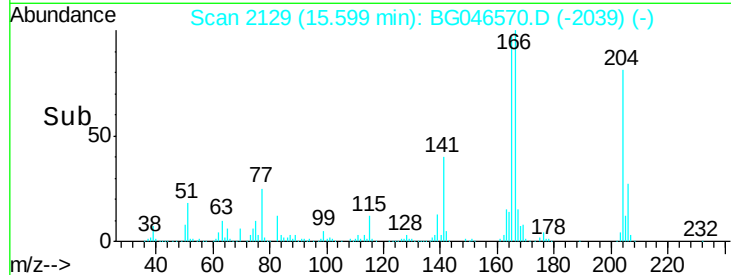
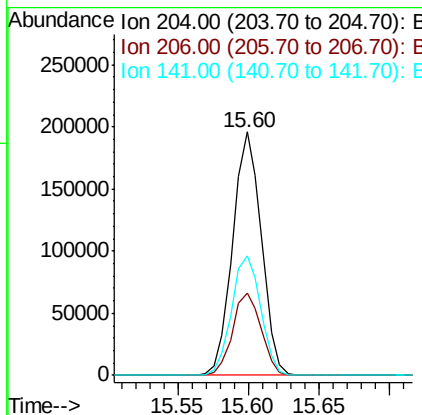
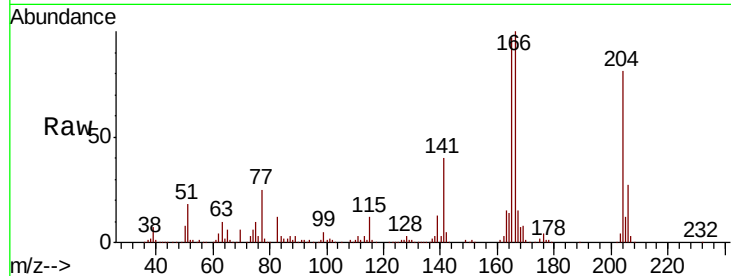




#61
 4-Chlorophenyl-phenylether
 Concen: 36.303 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

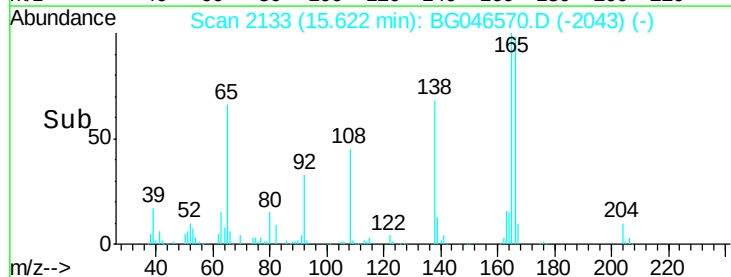
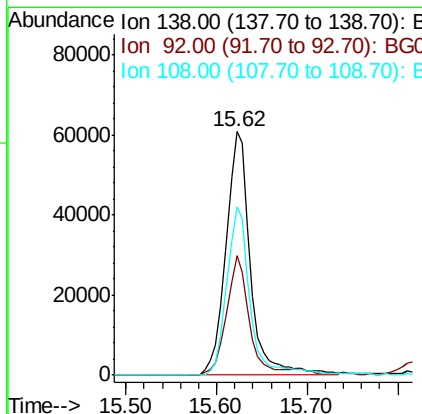
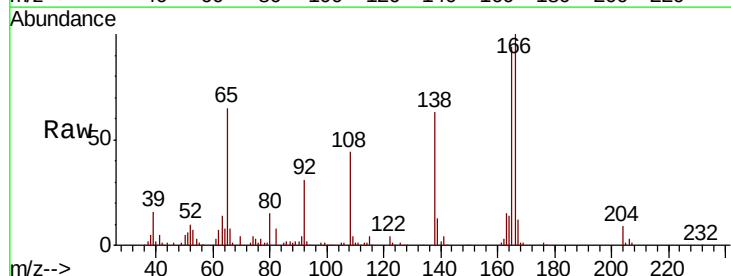
Instrument :
 BNA_G
 ClientSampleID :
 PB131493BS

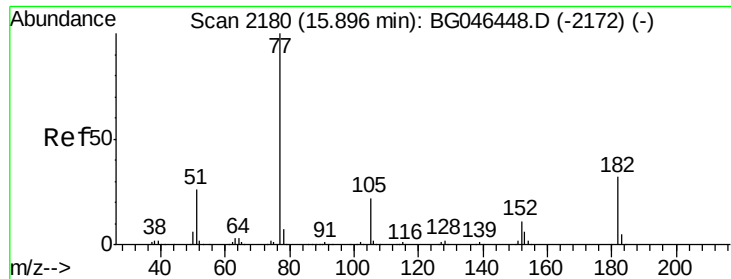
Tot Ion:204 Resp: 276915
 Ion Ratio Lower Upper
 204 100
 206 34.0 27.7 41.5
 141 49.0 38.7 58.1



#62
 4-Nitroaniline
 Concen: 31.545 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Tgt Ion:138 Resp: 114023
 Ion Ratio Lower Upper
 138 100
 92 49.1 25.3 65.3
 108 69.0 46.7 86.7





#63

Azobenzene

Concen: 37.143 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

Tot Ion: 77 Resp: 422624

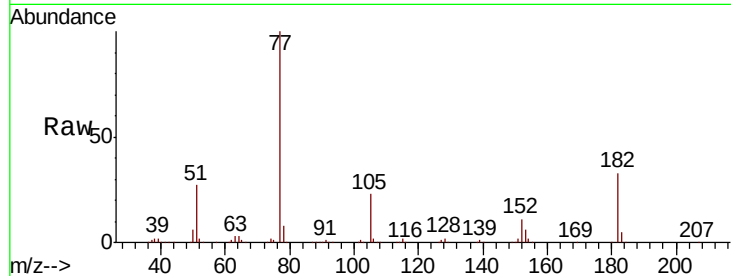
Ion Ratio Lower Upper

77 100

182 33.5 12.3 52.3

105 22.6 2.3 42.3

51 26.9 6.5 46.5

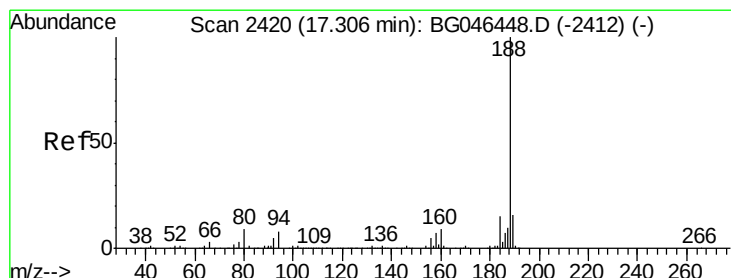
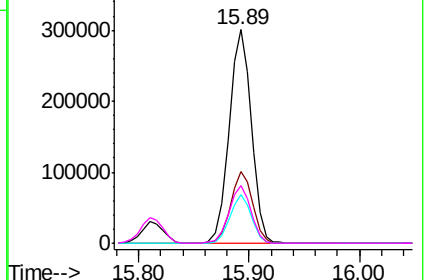
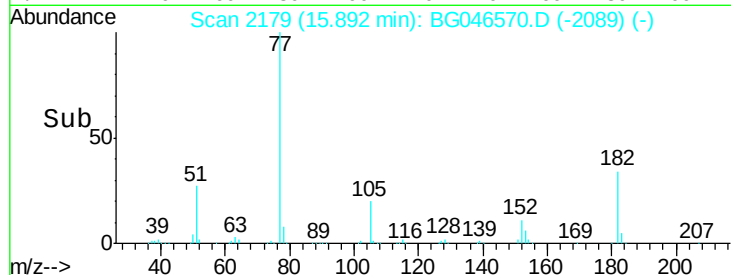


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

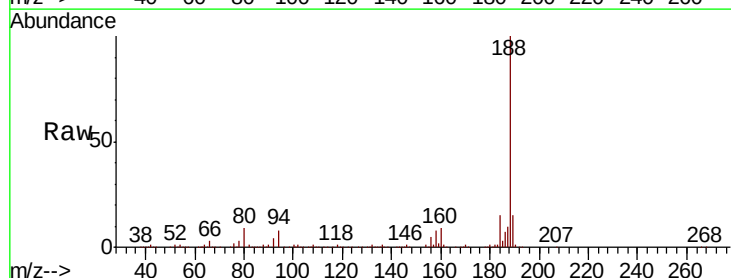
Tgt Ion: 188 Resp: 440838

Ion Ratio Lower Upper

188 100

94 7.8 6.3 9.5

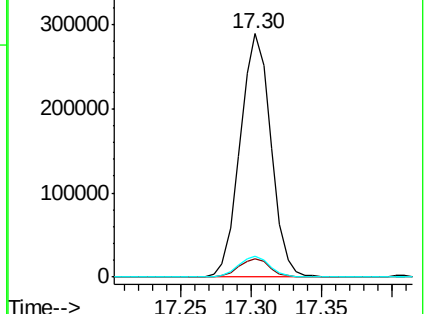
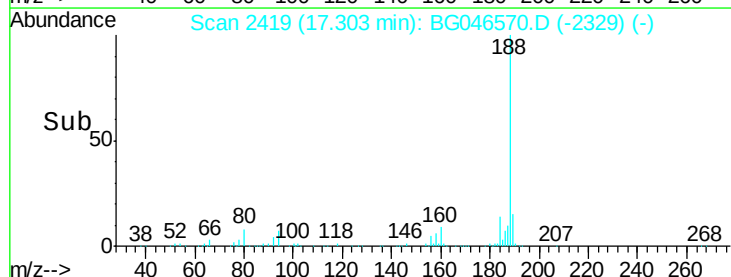
80 8.5 6.9 10.3

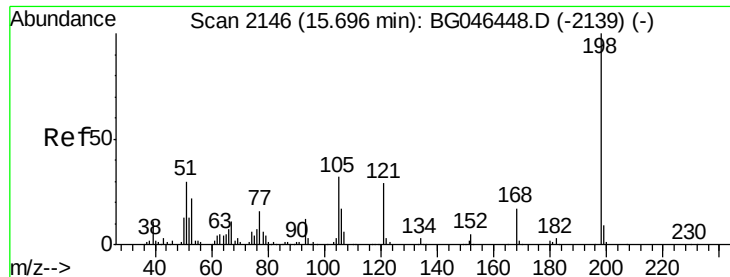


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

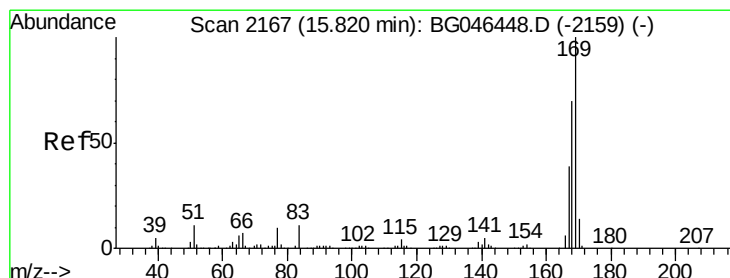
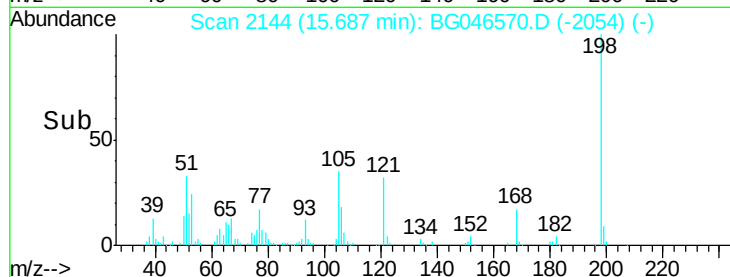
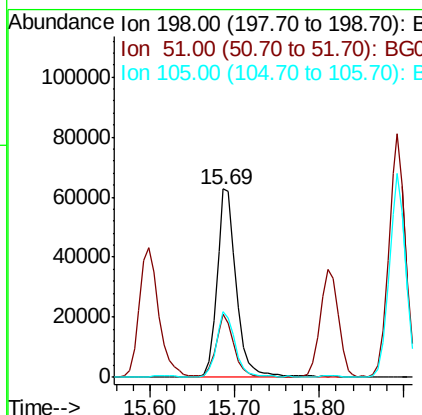
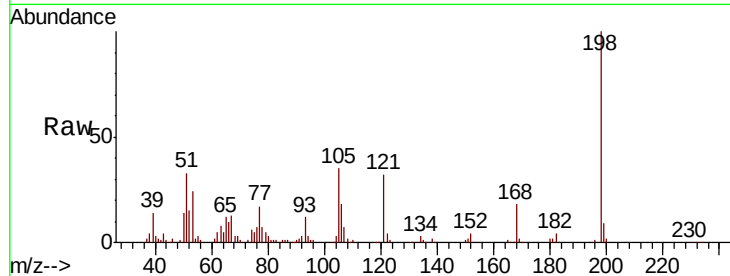




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.533 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

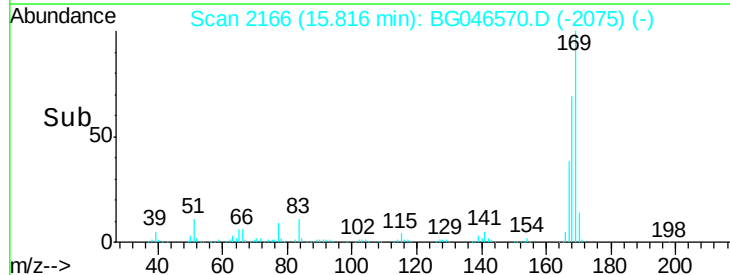
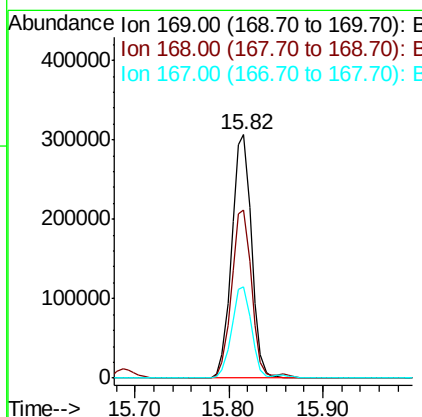
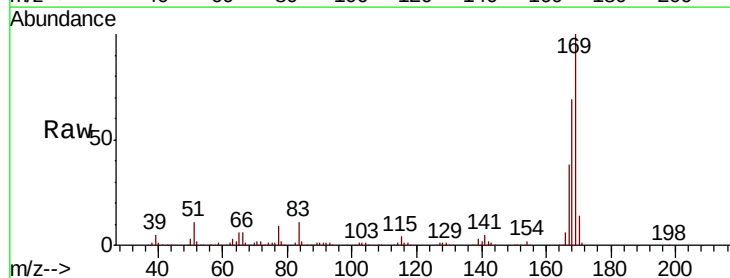
Instrument :
 BNA_G
 ClientSampleId :
 PB131493BS

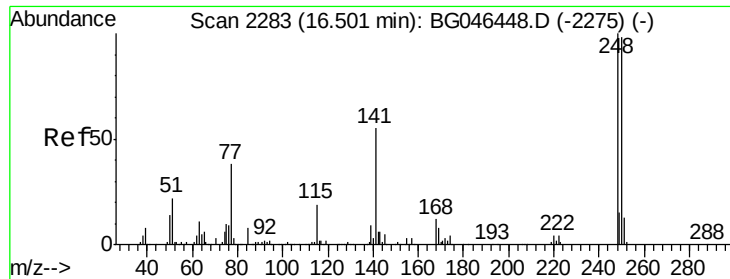
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.3	10.4	50.4
105	35.1	12.4	52.4



#66
 n-Nitrosodiphenylamine
 Concen: 37.982 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.8	83.8
167	37.5	31.0	46.6

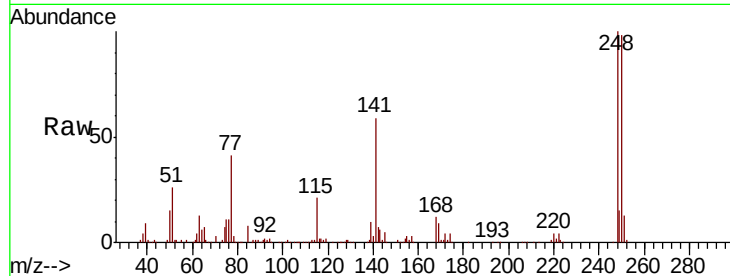




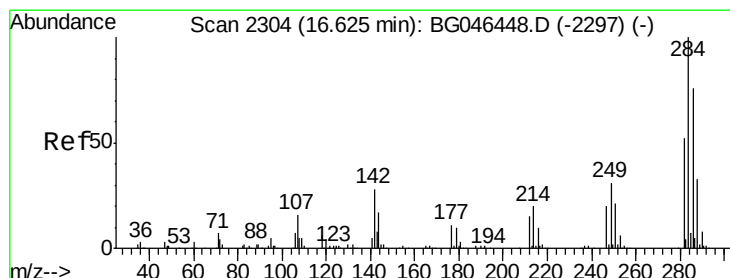
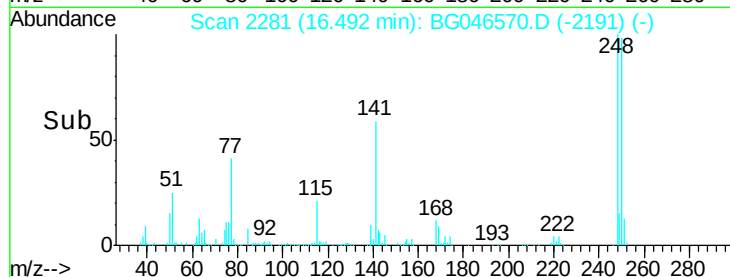
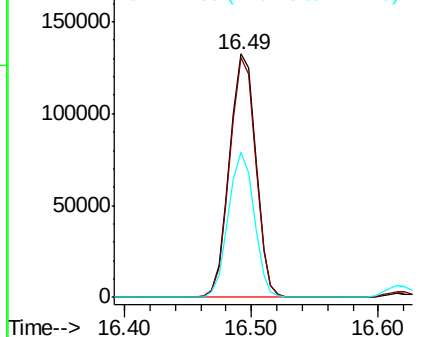
#67
4-Bromophenyl-phenylether
Concen: 37.017 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Instrument :
BNA_G
ClientSampleId :
PB131493BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.6	118.0
141	59.4	43.9	65.9

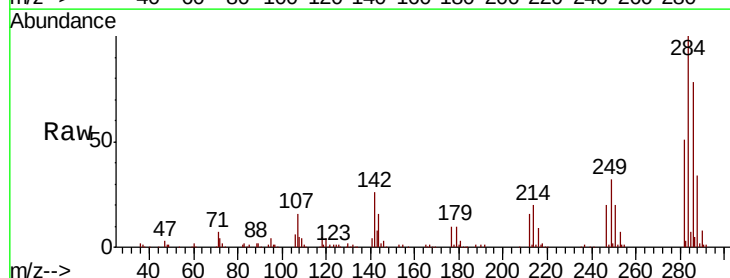


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

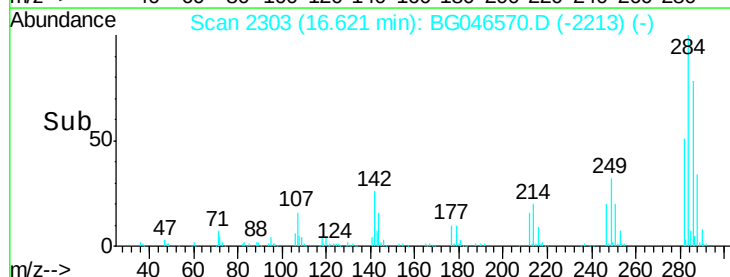
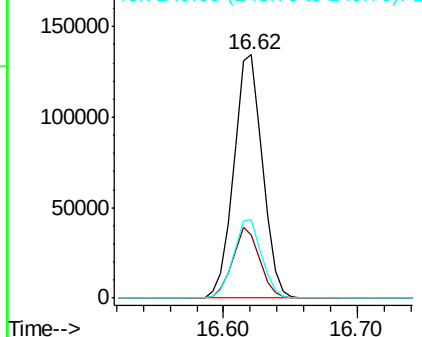


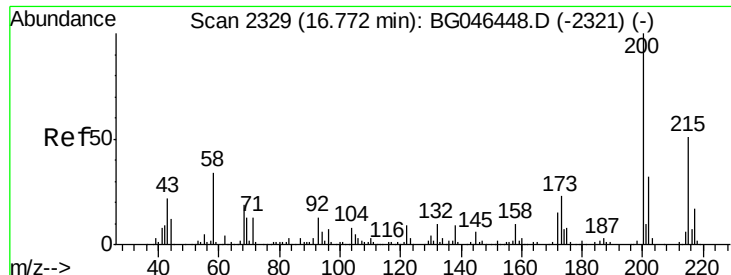
#68
Hexachlorobenzene
Concen: 35.235 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	22.3	33.5
249	32.1	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 34.849 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

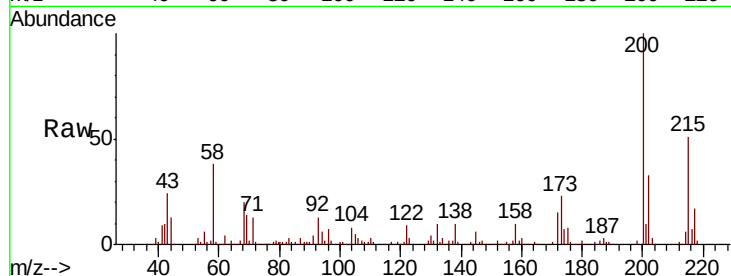
Tot Ion:200 Resp: 169076

Ion Ratio Lower Upper

200 100

173 22.7 3.3 43.3

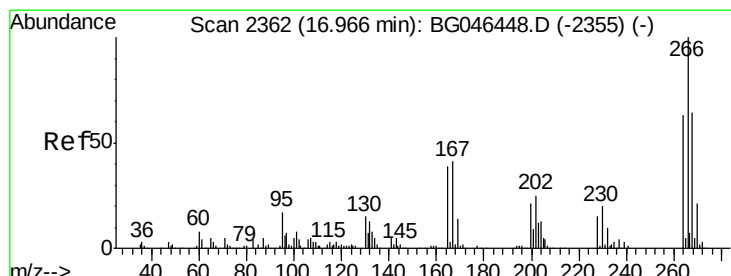
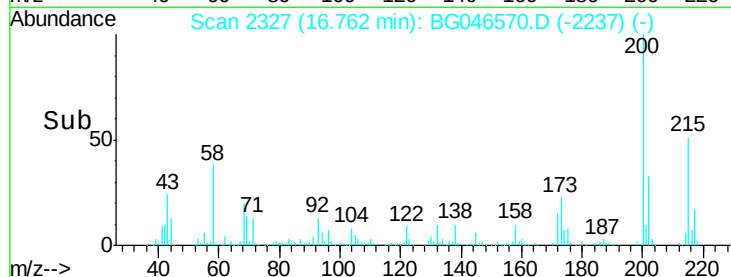
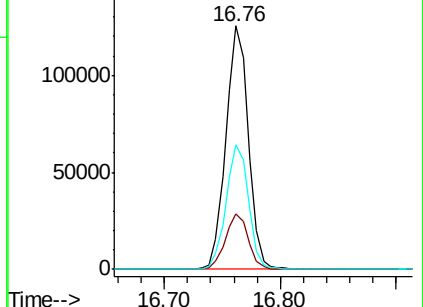
215 51.4 30.9 70.9



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: 76.846 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

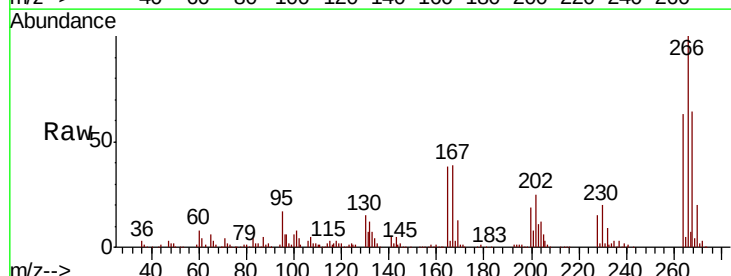
Tgt Ion:266 Resp: 228694

Ion Ratio Lower Upper

266 100

268 64.3 51.1 76.7

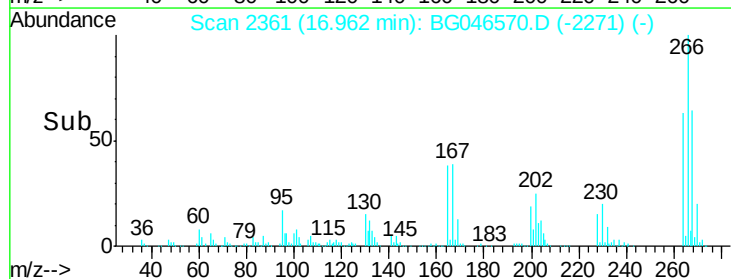
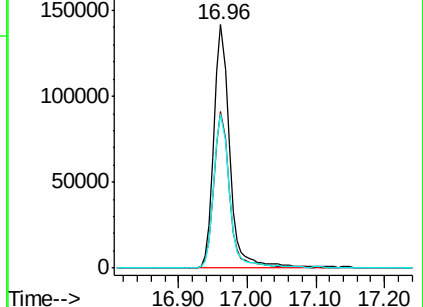
264 63.3 50.2 75.2

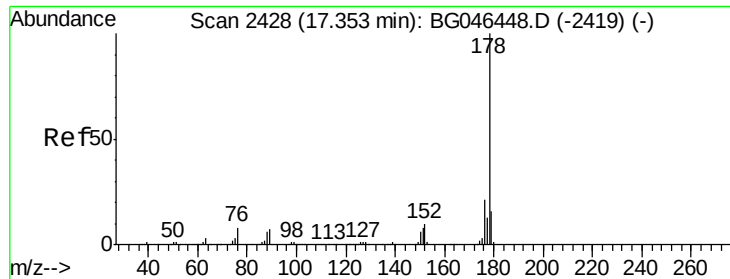


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

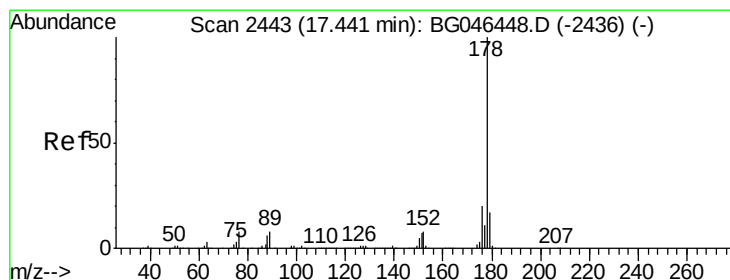
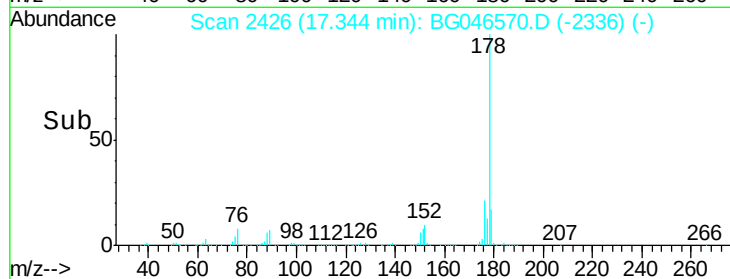
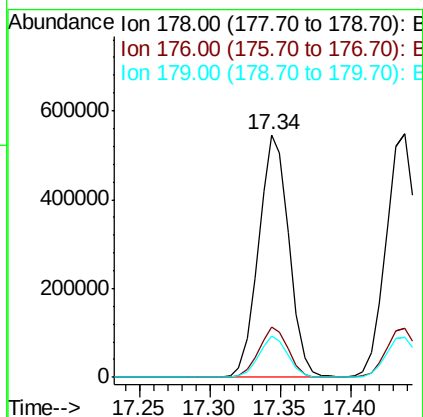
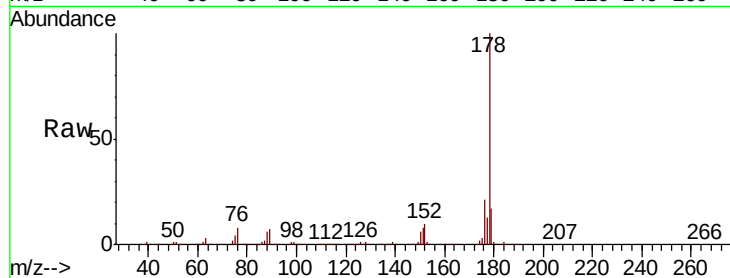




#71
Phenanthrene
Concen: 36.912 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

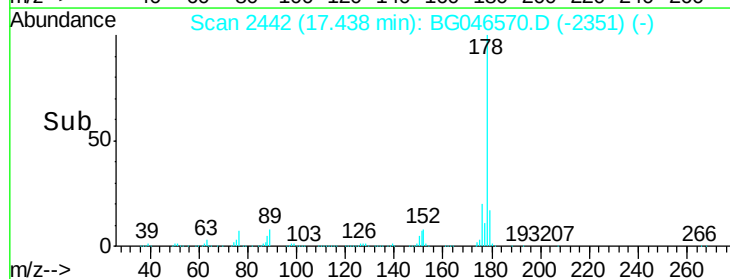
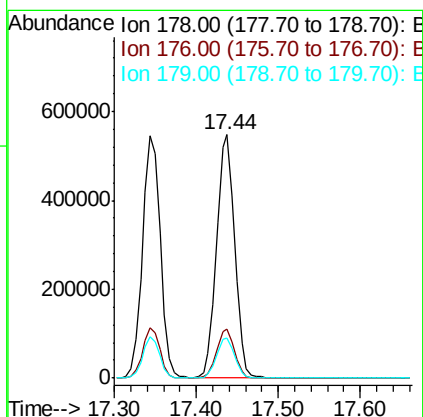
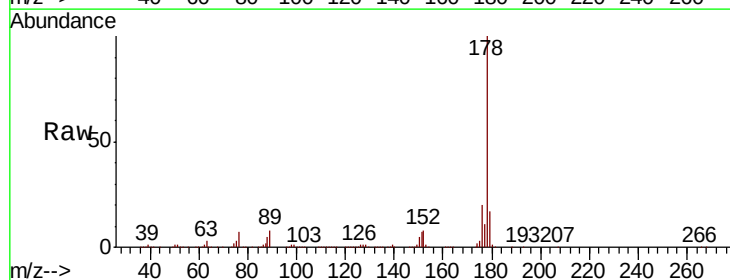
Instrument :
BNA_G
ClientSampleId :
PB131493BS

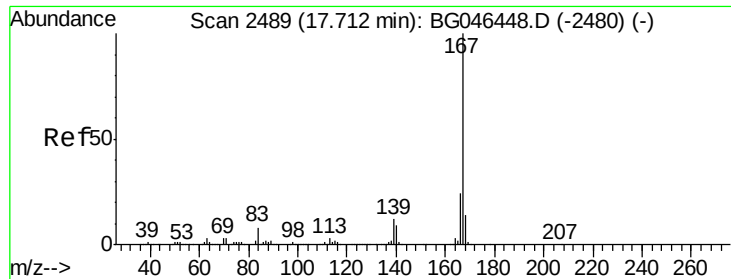
Tot Ion:178 Resp: 824780
Ion Ratio Lower Upper
178 100
176 21.0 16.8 25.2
179 16.8 13.2 19.8



#72
Anthracene
Concen: 38.462 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion:178 Resp: 847925
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.6 13.3 19.9

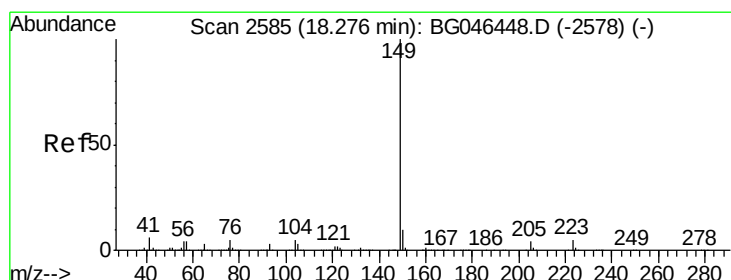
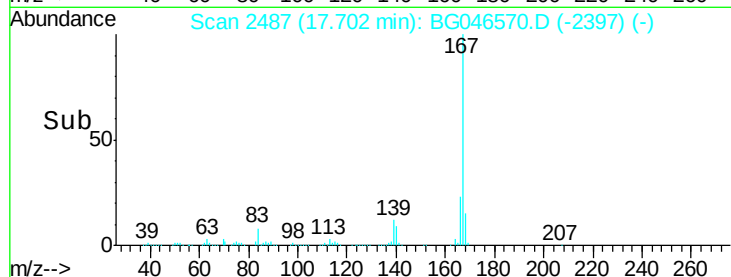
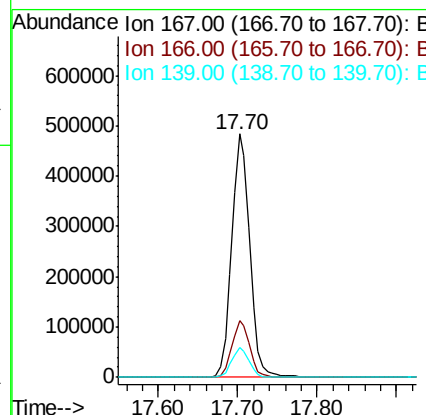
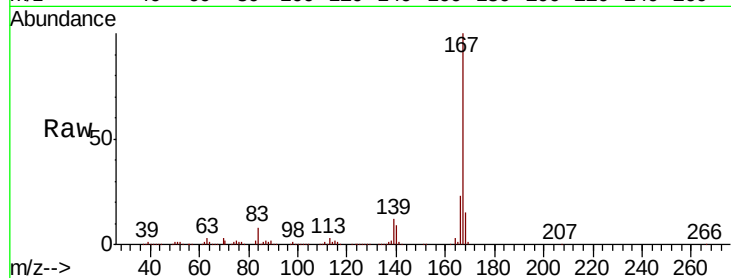




#73
 Carbazole
 Concen: 36.669 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

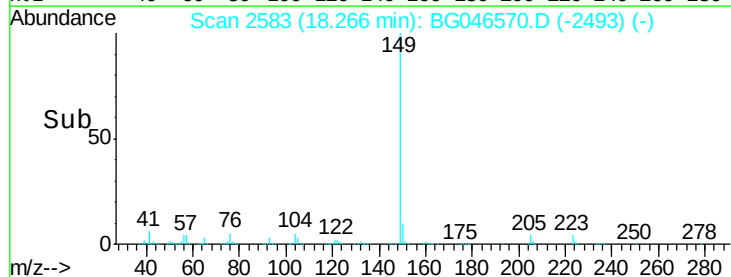
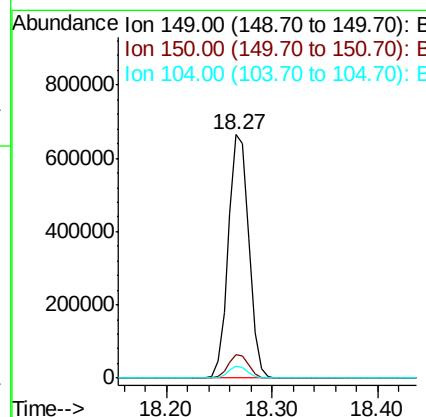
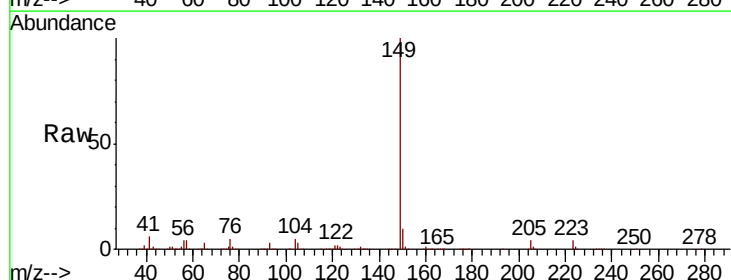
Instrument :
 BNA_G
 ClientSampleId :
 PB131493BS

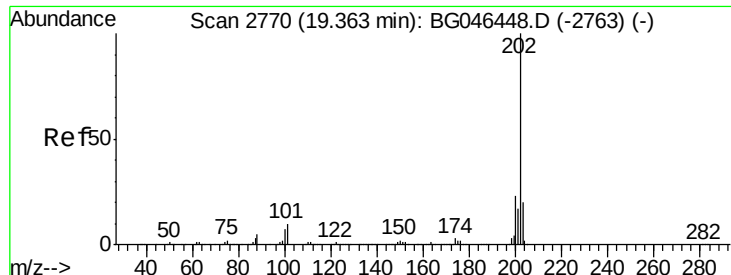
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.3	28.9
139	12.2	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 37.354 ng
 RT: 18.27 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG046570.D
 Acq: 9 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	4.8	4.0	6.0





#75

Fluoranthene

Concen: 36.687 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

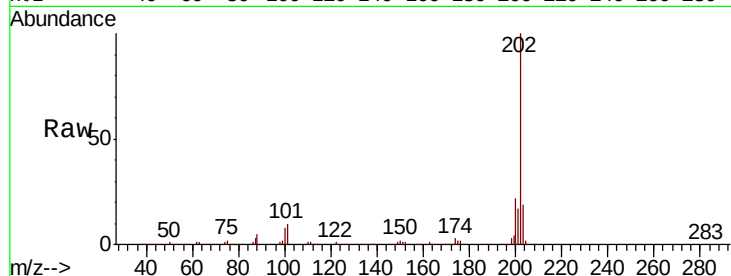
Tot Ion:202 Resp: 1054957

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.9

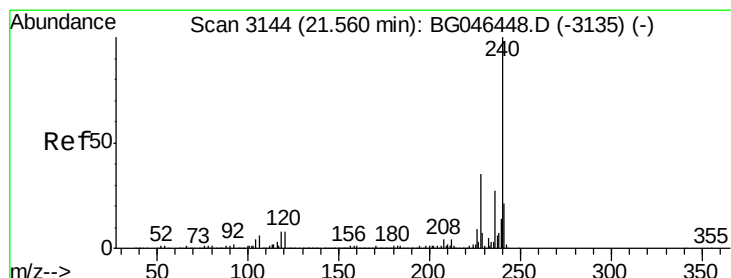
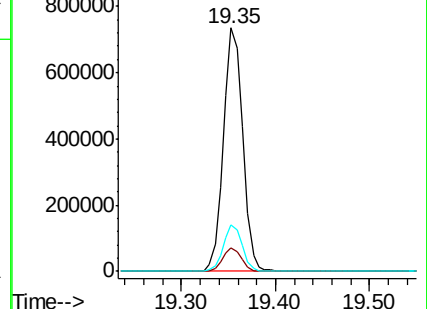
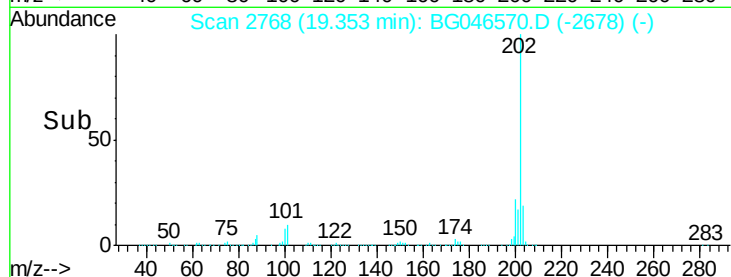
203 19.1 0.0 40.0



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# 3142

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

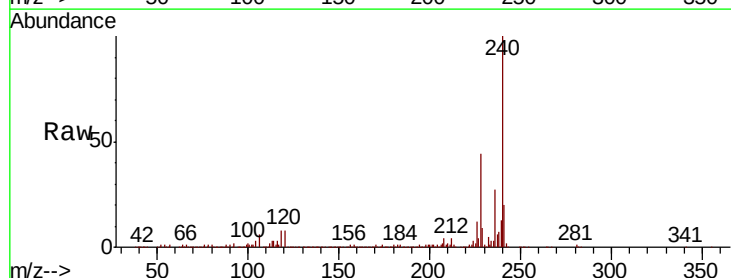
Tgt Ion:240 Resp: 447389

Ion Ratio Lower Upper

240 100

120 8.5 6.6 10.0

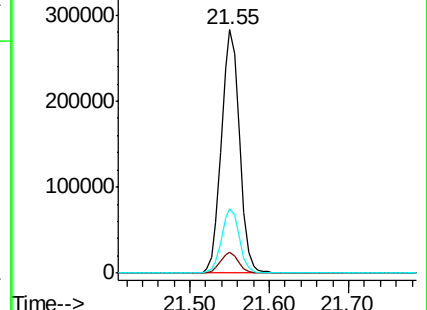
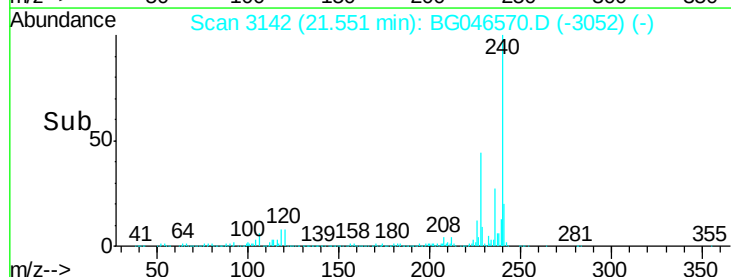
236 26.7 21.4 32.2

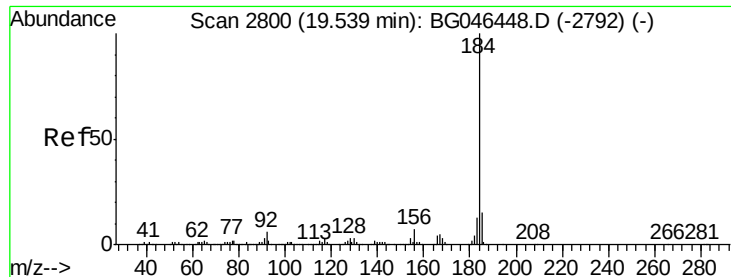


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.445 ng

RT: 19.54 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

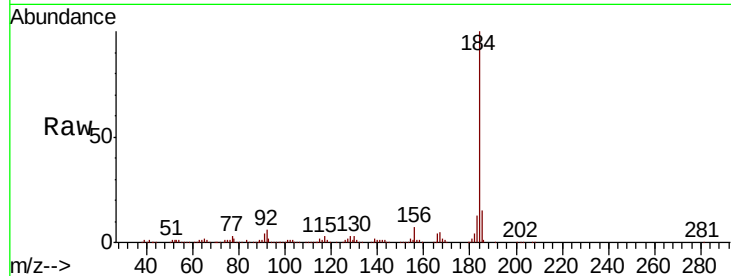
Tot Ion:184 Resp: 430857

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

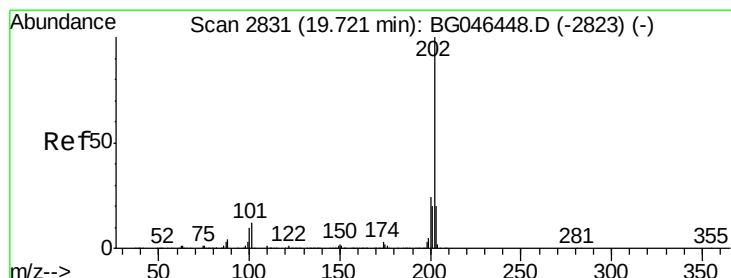
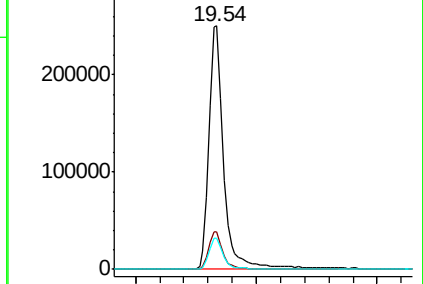
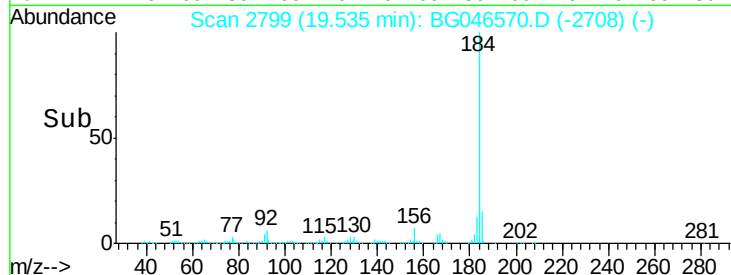
183 12.9 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.090 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

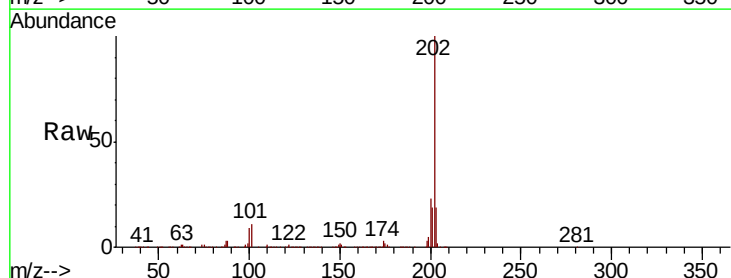
Tgt Ion:202 Resp: 1056662

Ion Ratio Lower Upper

202 100

200 22.5 18.9 28.3

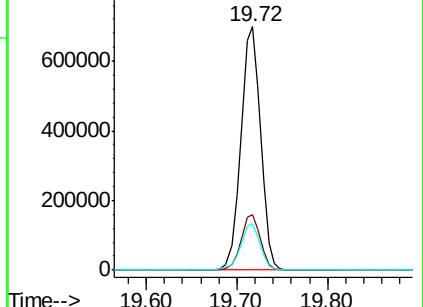
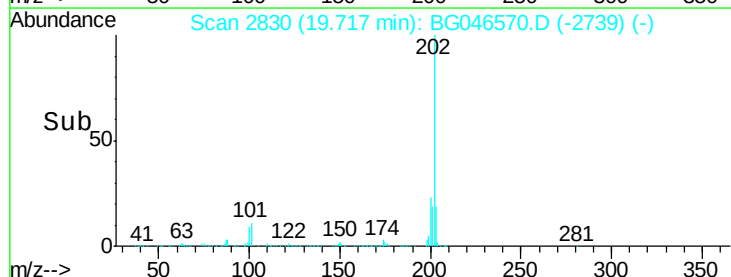
203 19.3 16.1 24.1

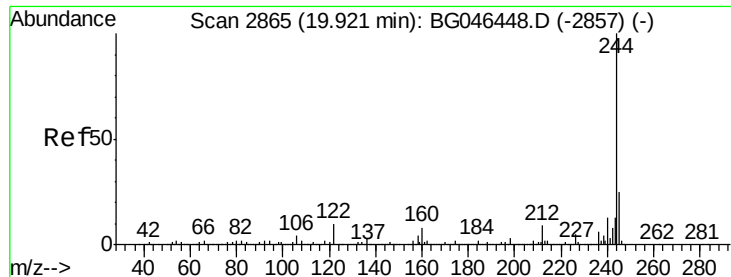


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.443 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampled :

PB131493BS

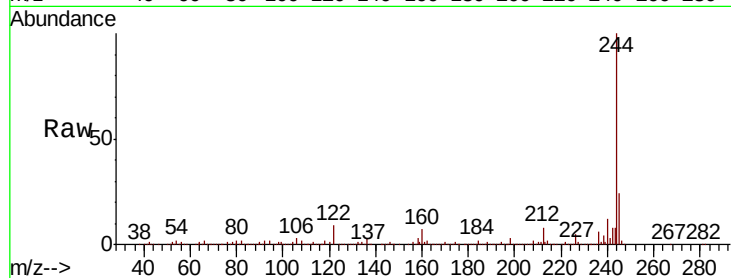
Tot Ion:244 Resp: 1522909

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	9.4	8.2	12.4

244 100

212 8.2 6.9 10.3

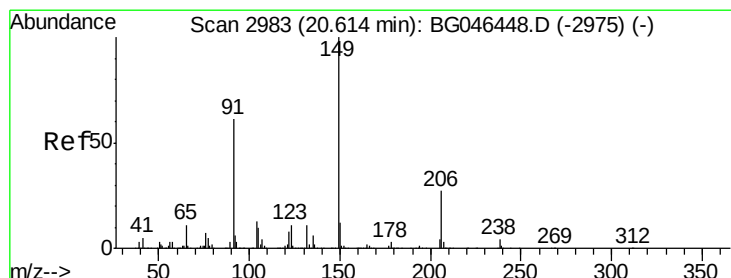
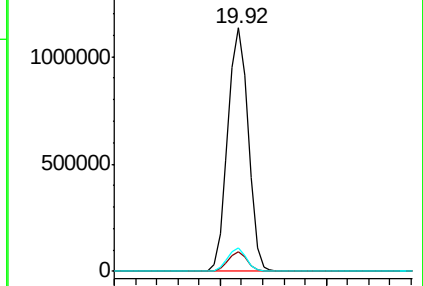
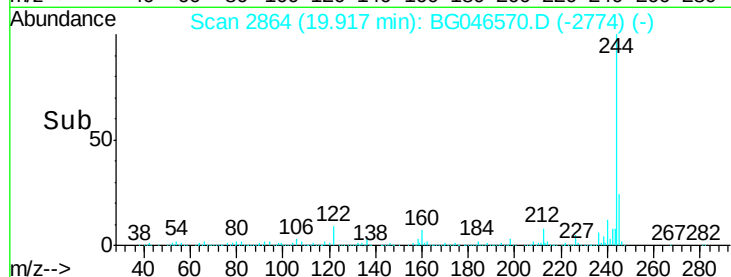
122 9.4 8.2 12.4



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: 36.324 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

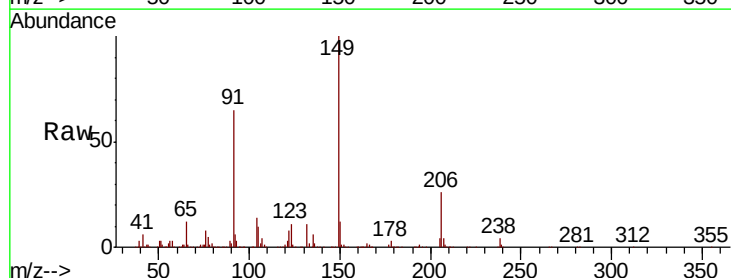
Tgt Ion:149 Resp: 403645

Ion	Ratio	Lower	Upper
149	100		
91	64.7	49.1	73.7
206	25.9	21.9	32.9

149 100

91 64.7 49.1 73.7

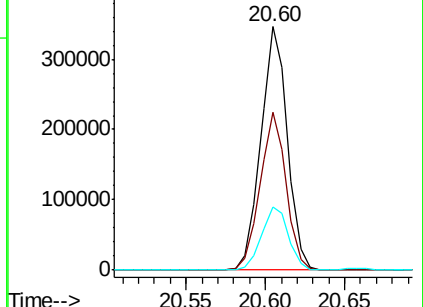
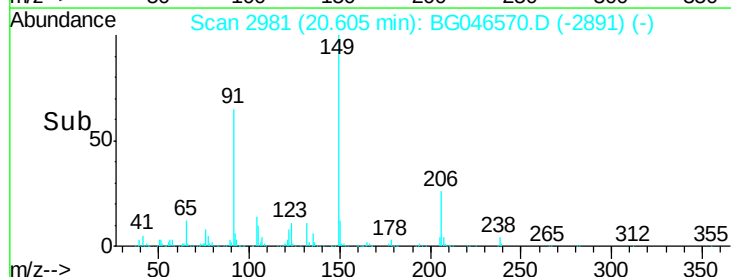
206 25.9 21.9 32.9

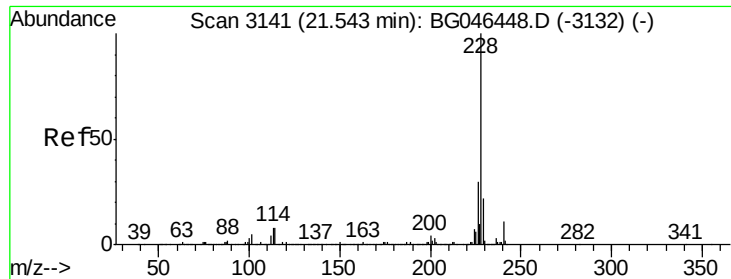


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

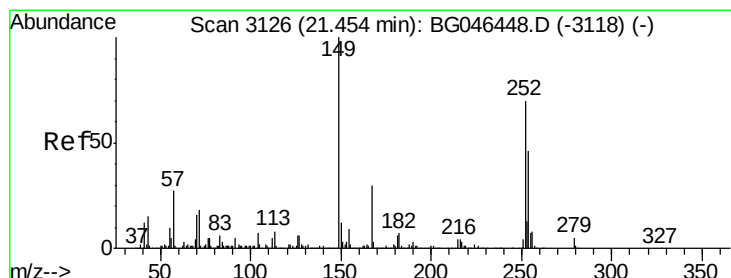
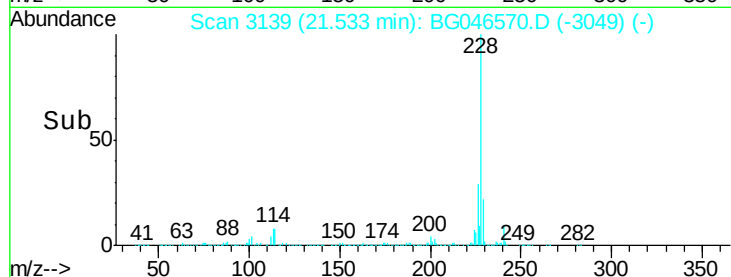
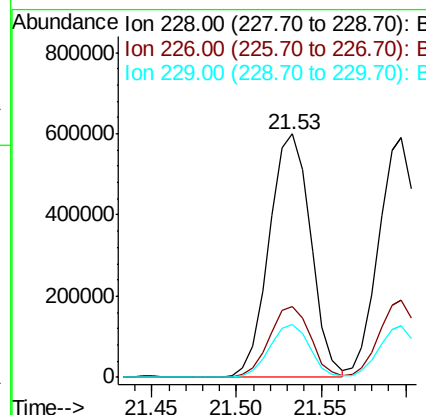
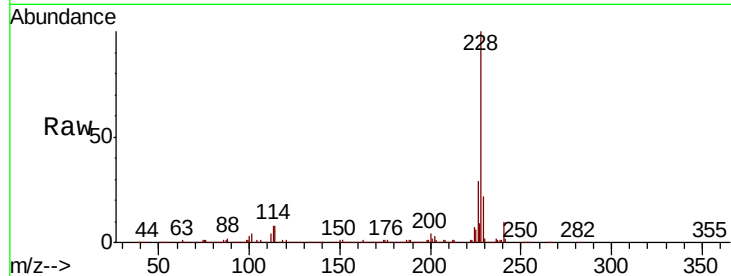




#81
Benzo(a)anthracene
Concen: 36.451 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

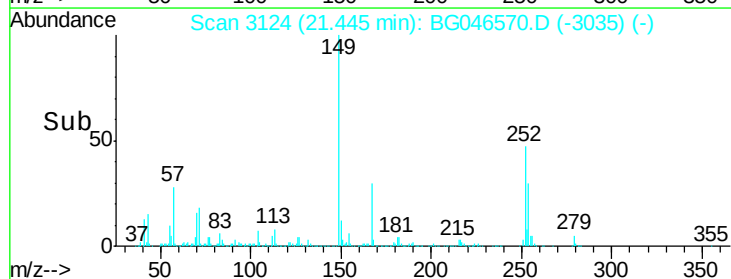
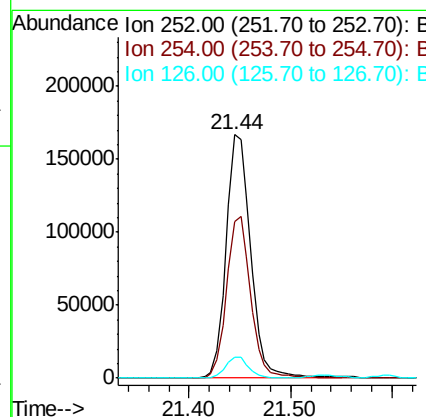
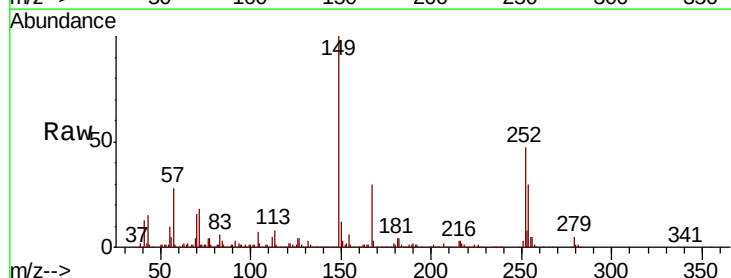
Instrument :
BNA_G
ClientSampleId :
PB131493BS

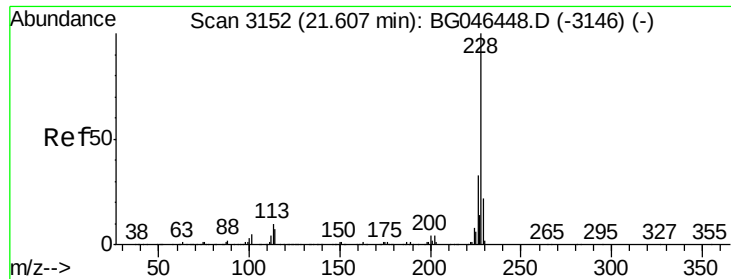
Tot Ion:228 Resp: 1016465
Ion Ratio Lower Upper
228 100
226 29.1 24.2 36.4
229 21.5 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 27.136 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion:252 Resp: 280816
Ion Ratio Lower Upper
252 100
254 64.2 51.9 77.9
126 8.6 7.4 11.0





#83

Chrysene

Concen: 36.055 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

BNA_G

ClientSampleId :

PB131493BS

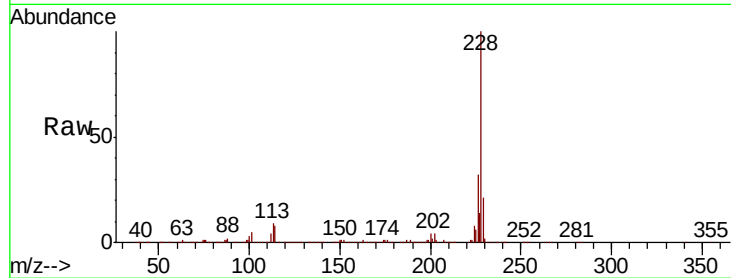
Tot Ion:228 Resp: 967122

Ion Ratio Lower Upper

228 100

226 32.3 26.2 39.4

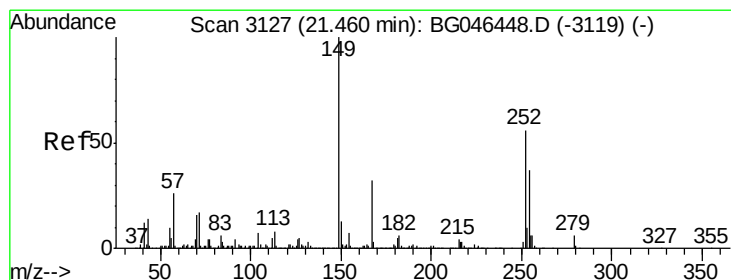
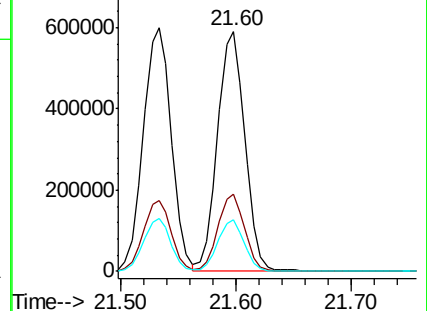
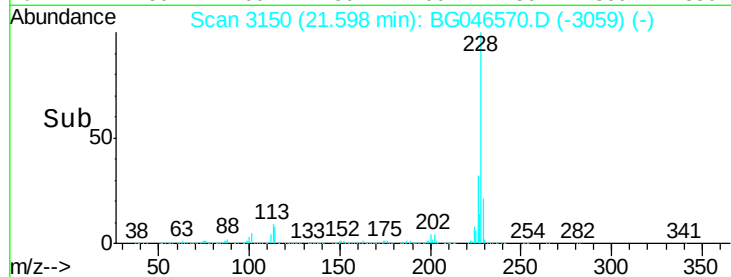
229 21.3 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.662 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

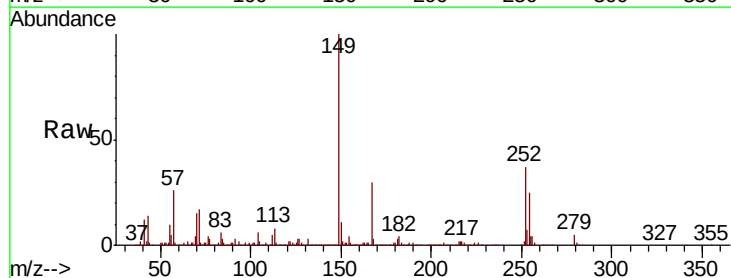
Tgt Ion:149 Resp: 571134

Ion Ratio Lower Upper

149 100

167 30.2 25.4 38.2

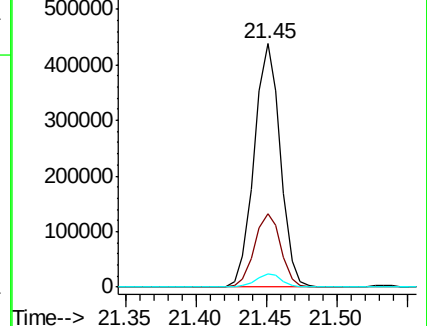
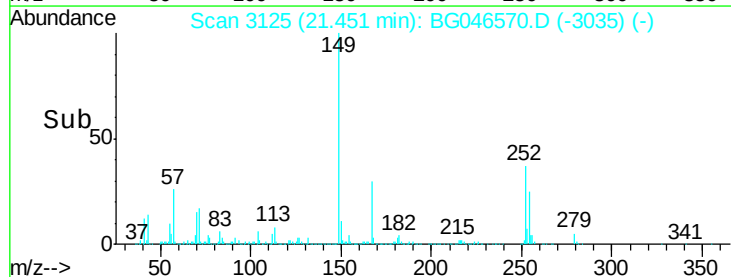
279 5.4 4.5 6.7

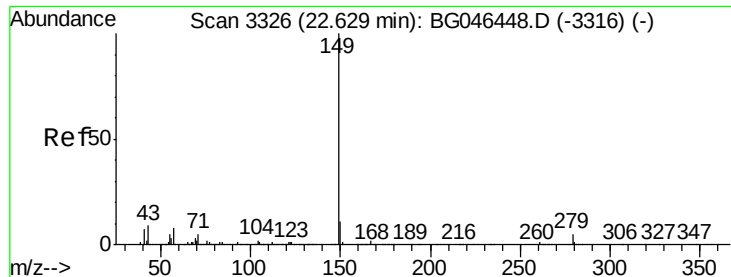


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

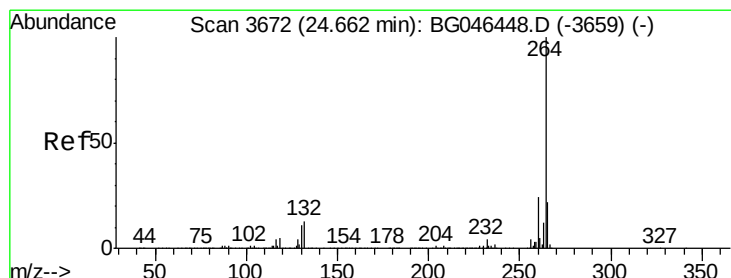
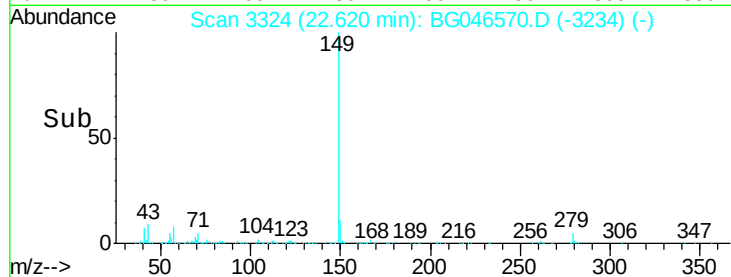
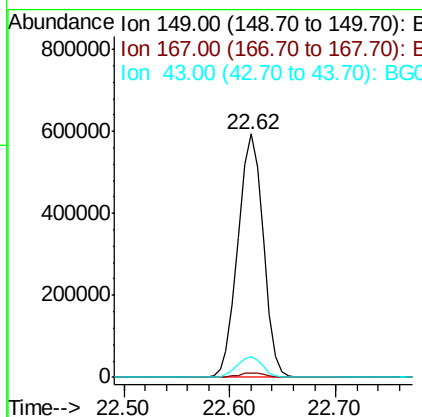
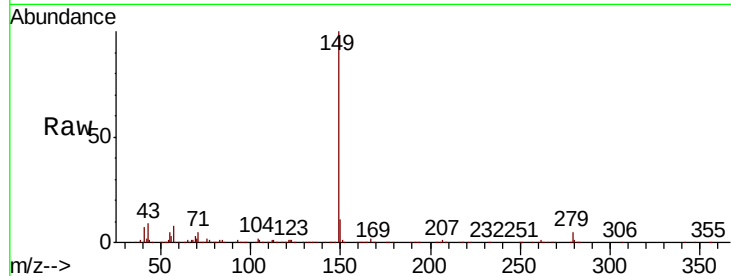




#85
Di-n-octyl phthalate
Concen: 37.804 ng
RT: 22.62 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

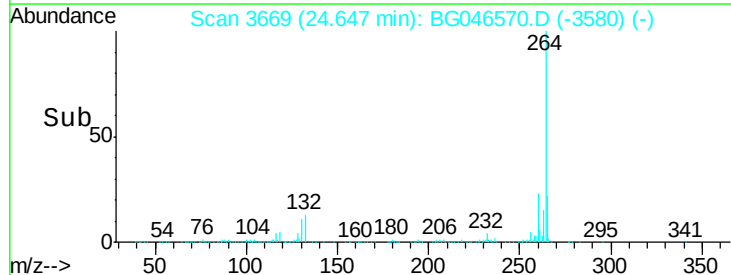
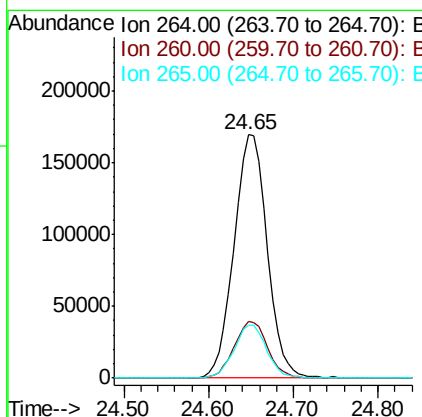
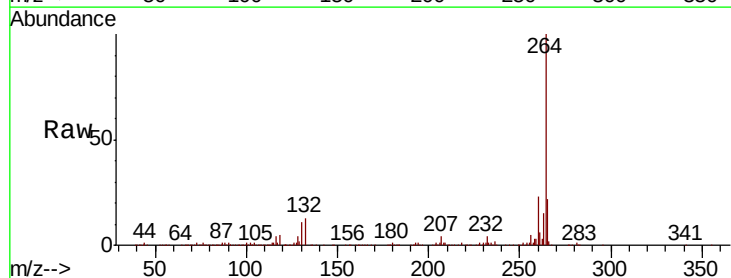
Instrument :
BNA_G
ClientSampleId :
PB131493BS

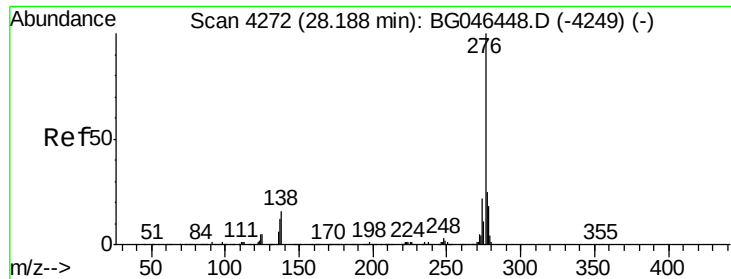
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	8.4	7.0	10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.9	26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.199 ng

RT: 28.16 min Scan# 4267

Delta R.T. -0.01 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Instrument :

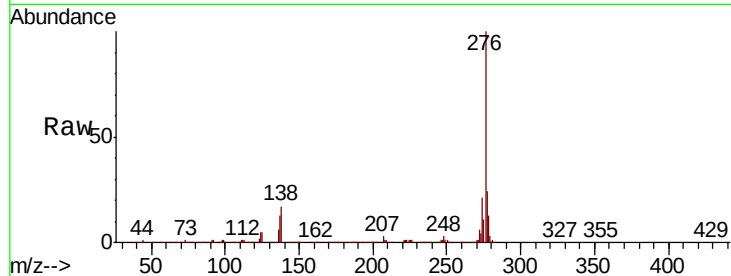
BNA_G

ClientSampleId :

PB131493BS

Tot Ion:276 Resp: 1200289

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.5	24.7
277	25.8	20.7	31.1

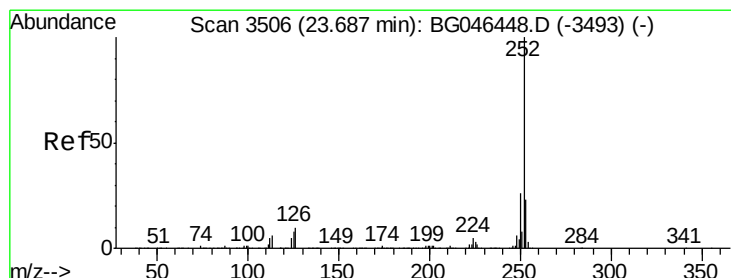
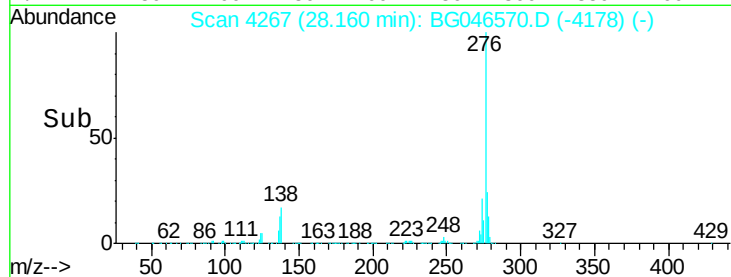
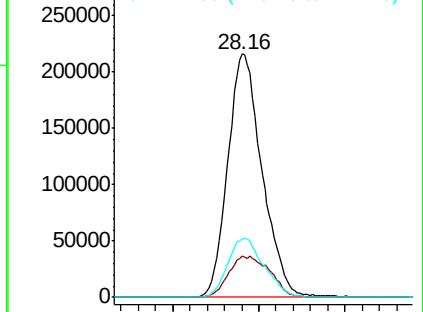


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 36.705 ng

RT: 23.67 min Scan# 3503

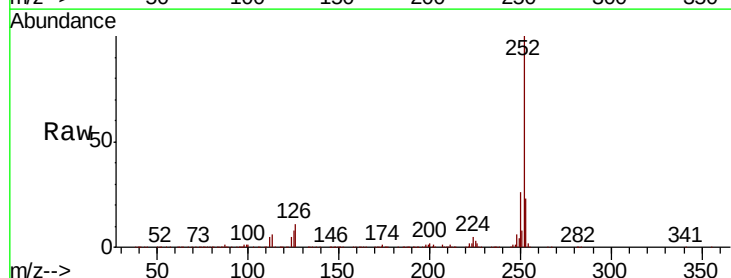
Delta R.T. -0.00 min

Lab File: BG046570.D

Acq: 9 Sep 2020 13:08

Tgt Ion:252 Resp: 1058091

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	8.3	6.2	9.2

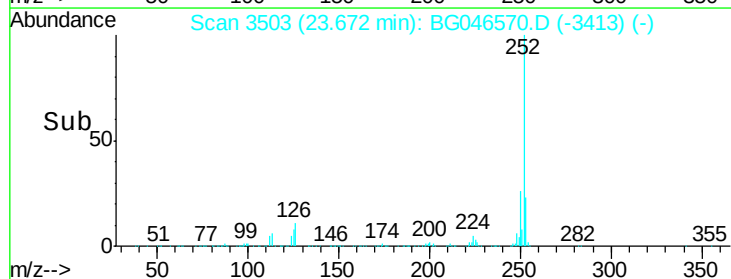
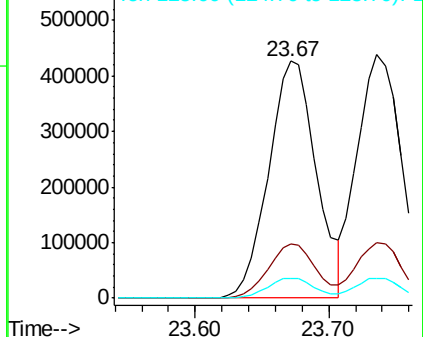


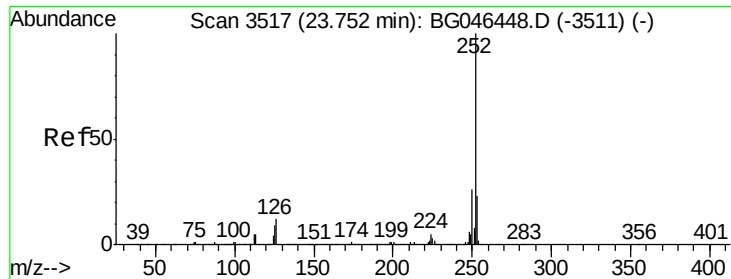
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

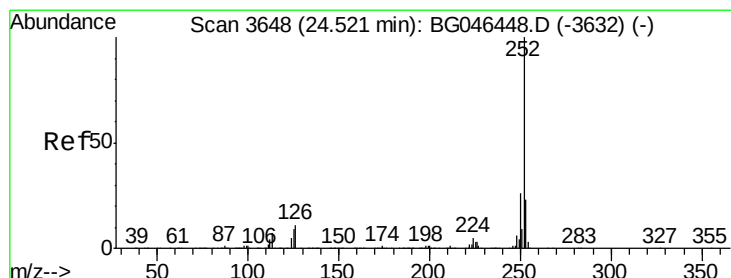
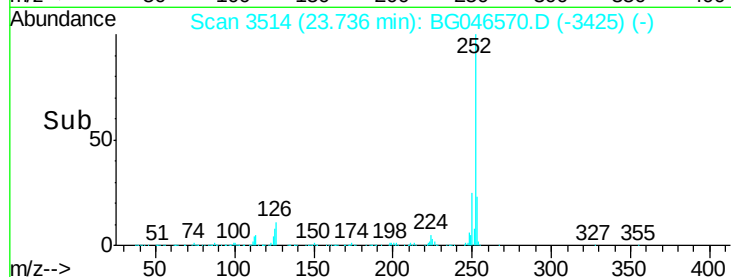
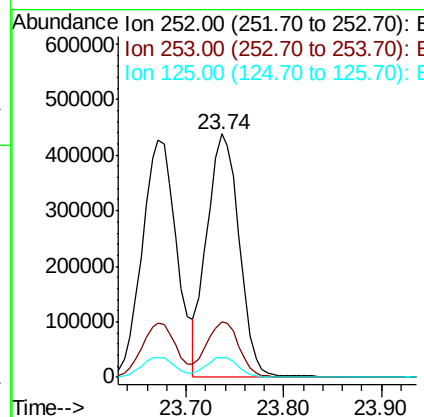
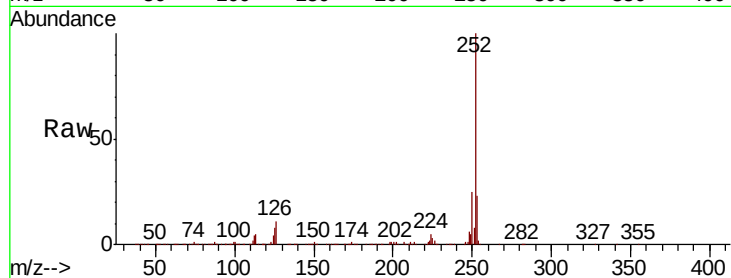




#89
Benzo(k)fluoranthene
Concen: 35.966 ng
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

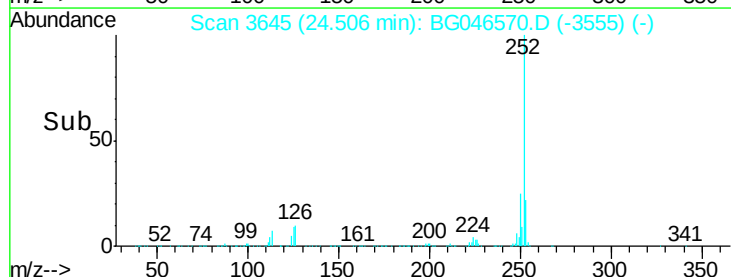
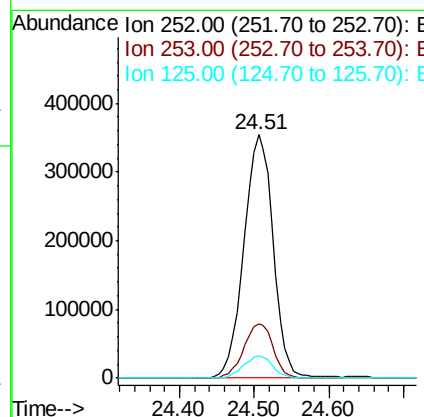
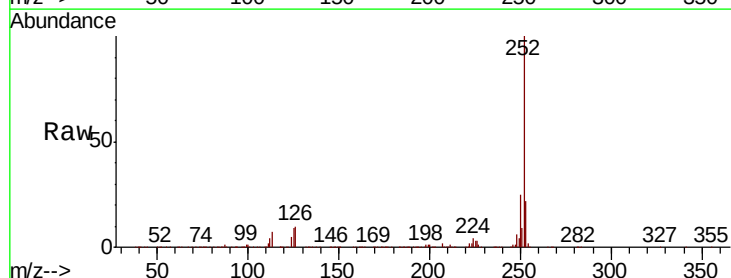
Instrument :
BNA_G
ClientSampleId :
PB131493BS

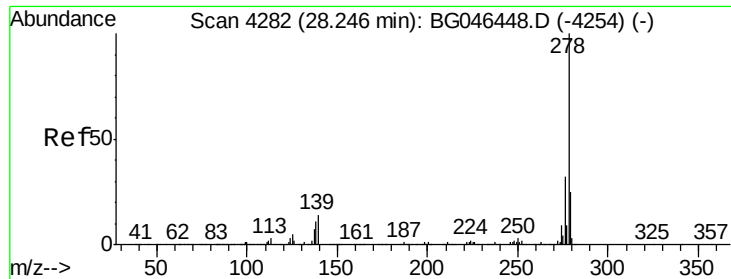
Tot Ion:252 Resp: 1002000
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 8.3 6.8 10.2



#90
Benzo(a)pyrene
Concen: 35.777 ng
RT: 24.51 min Scan# 3645
Delta R.T. -0.00 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion:252 Resp: 962457
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 9.0 7.4 11.0

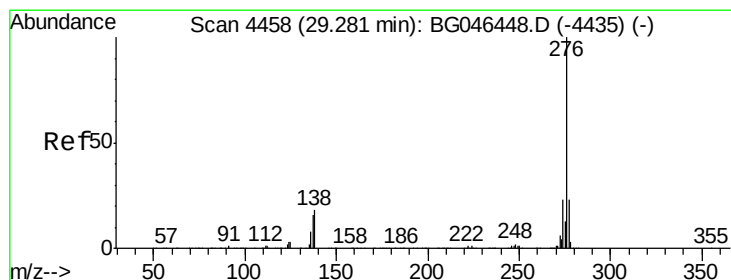
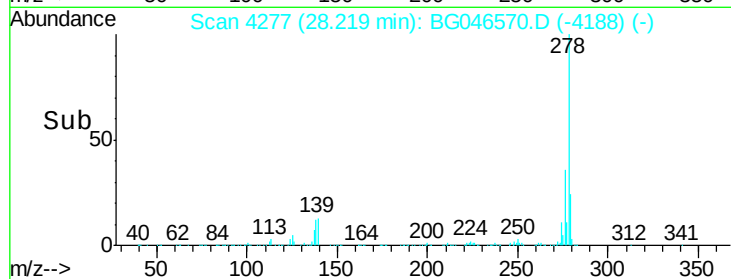
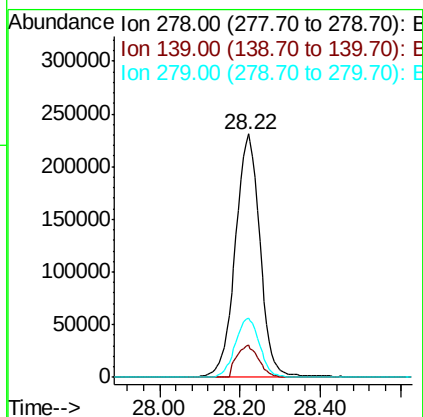
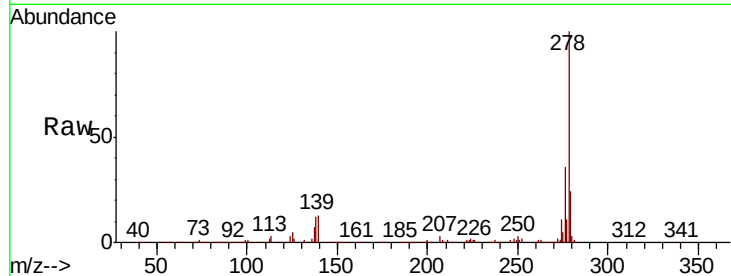




#91
Dibenzo(a,h)anthracene
Concen: 36.907 ng
RT: 28.22 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Instrument :
BNA_G
ClientSampleId :
PB131493BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.2	16.8
279	24.5	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 37.859 ng
RT: 29.26 min Scan# 4454
Delta R.T. -0.02 min
Lab File: BG046570.D
Acq: 9 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.7	28.1
138	17.3	14.7	22.1

