

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
 Data File : BG046198.D
 Acq On : 7 Aug 2020 18:15
 Operator : CG/JU
 Sample : PB130810BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Quant Time: Aug 07 18:51:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	90946	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	353979	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	245998	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	627023	20.00	ng	0.00
76) Chrysene-d12	21.57	240	689991	20.00	ng	0.00
86) Perylene-d12	24.67	264	749318	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	573049	109.53	ng	0.00
7) Phenol-d6	7.12	99	719815	100.95	ng	0.00
23) Nitrobenzene-d5	9.10	82	450964	68.98	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	506801	134.13	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1160691	68.54	ng	0.00
79) Terphenyl-d14	19.94	244	2127599	62.80	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	71788	30.147	ng	100
3) Pyridine	3.83	79	173175	26.417	ng	95
4) n-Nitrosodimethylamine	3.74	42	94231	33.775	ng	96
6) Aniline	7.27	93	272413	32.096	ng	98
8) 2-Chlorophenol	7.52	128	236522	40.903	ng	95
9) Benzaldehyde	7.09	77	160459	37.925	ng	98
10) Phenol	7.14	94	284682	39.738	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	218095	38.274	ng	98
12) 1,3-Dichlorobenzene	7.84	146	269754	38.487	ng	98
13) 1,4-Dichlorobenzene	7.98	146	266895	37.922	ng	99
14) 1,2-Dichlorobenzene	8.31	146	258707	38.976	ng	98
15) Benzyl Alcohol	8.18	79	196520	39.896	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	328632	35.177	ng	96
17) 2-Methylphenol	8.40	107	203089	41.992	ng	97
18) Hexachloroethane	9.04	117	90195	38.318	ng	100
19) n-Nitroso-di-n-propylamine	8.75	70	167924	36.187	ng	99
20) 3+4-Methylphenols	8.72	107	274042	41.398	ng	98
22) Acetophenone	8.77	105	335005	36.877	ng	# 97
24) Nitrobenzene	9.14	77	239687	34.386	ng	97
25) Isophorone	9.67	82	466584	35.866	ng	99
26) 2-Nitrophenol	9.86	139	142000	44.949	ng	98
27) 2,4-Dimethylphenol	9.92	122	218756	42.561	ng	97
28) bis(2-Chloroethoxy)methane	10.15	93	288140	40.734	ng	99
29) 2,4-Dichlorophenol	10.39	162	256899	42.490	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	267009	37.698	ng	98
31) Naphthalene	10.80	128	687177	36.689	ng	99
32) Benzoic acid	10.00	122	13346	12.249	ng	# 86
33) 4-Chloroaniline	10.90	127	230659	30.137	ng	98
34) Hexachlorobutadiene	11.10	225	171630	36.401	ng	97
35) Caprolactam	11.67	113	108856	55.008	ng	99
36) 4-Chloro-3-methylphenol	12.03	107	254894	42.960	ng	97
37) 2-Methylnaphthalene	12.40	142	547255	37.973	ng	98
38) 1-Methylnaphthalene	12.62	142	516652	37.884	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	317538	35.826	ng	99

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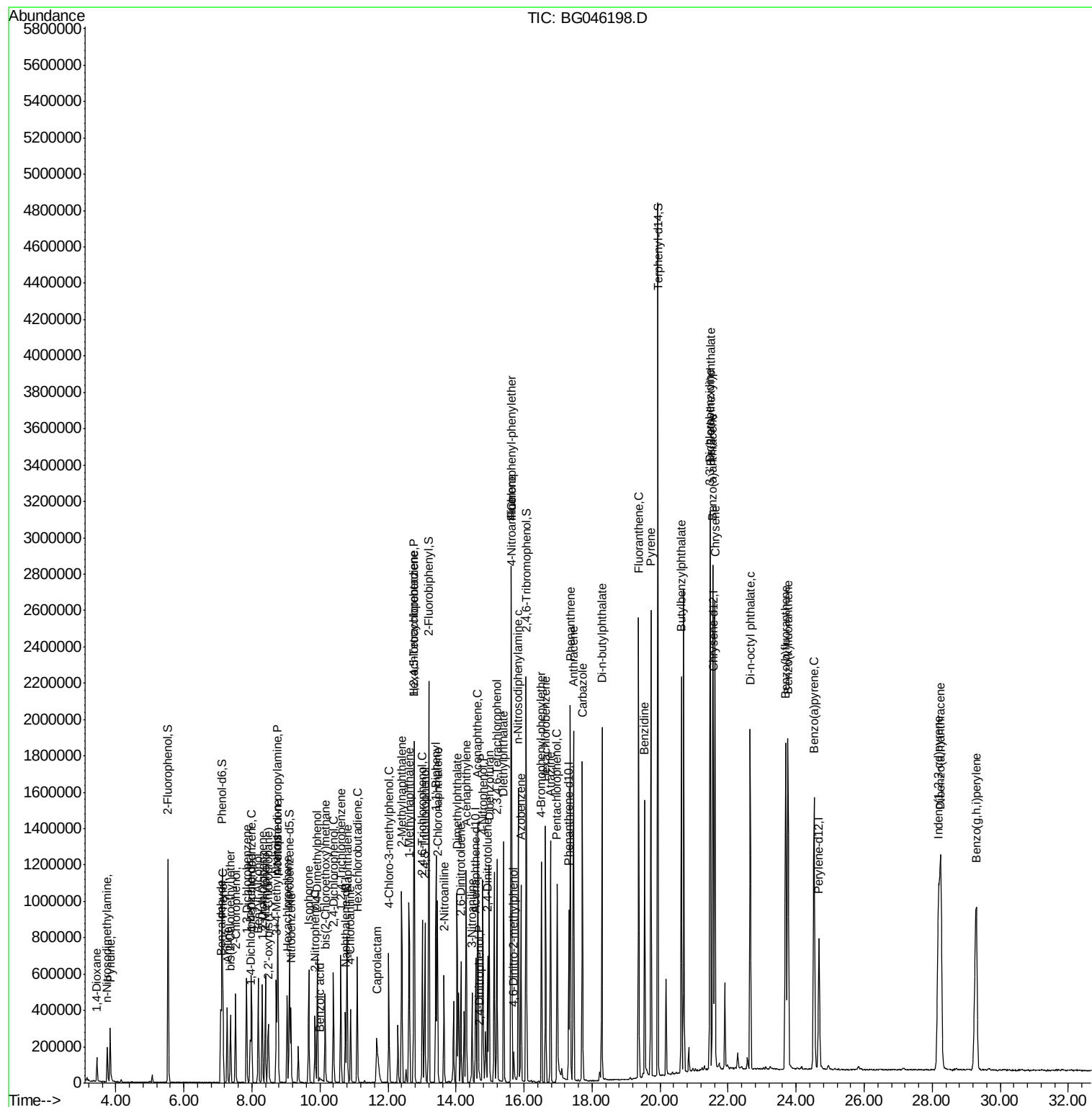
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	424756	83.548	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	255205	45.131	ng	96
44) 2,4,5-Trichlorophenol	13.08	196	274780	44.535	ng	94
46) 1,1'-Biphenyl	13.41	154	705784	36.573	ng	99
47) 2-Chloronaphthalene	13.45	162	548953	35.662	ng	99
48) 2-Nitroaniline	13.65	65	164233	40.703	ng	93
49) Acenaphthylene	14.30	152	897678	37.555	ng	100
50) Dimethylphthalate	14.03	163	745834	39.502	ng	99
51) 2,6-Dinitrotoluene	14.14	165	172905	39.349	ng	90
52) Acenaphthene	14.64	154	549941	34.861	ng	99
53) 3-Nitroaniline	14.47	138	144228	33.108	ng	98
54) 2,4-Dinitrophenol	14.68	184	25417	15.390	ng	96
55) Dibenzofuran	14.98	168	879266	36.938	ng	99
56) 4-Nitrophenol	14.79	139	356821	94.343	ng	98
57) 2,4-Dinitrotoluene	14.94	165	249588	41.312	ng	91
58) Fluorene	15.62	166	733567	38.053	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	310664	53.456	ng	96
60) Diethylphthalate	15.40	149	751188	40.444	ng	97
61) 4-Chlorophenyl-phenylether	15.62	204	399242	39.653	ng	96
62) 4-Nitroaniline	15.63	138	200533	45.771	ng	99
63) Azobenzene	15.91	77	632992	36.365	ng	97
65) 4,6-Dinitro-2-methylphenol	15.70	198	64730	15.610	ng	89
66) n-Nitrosodiphenylamine	15.83	169	688832	36.292	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	288480	37.241	ng	98
68) Hexachlorobenzene	16.63	284	332806	38.315	ng	96
69) Atrazine	16.78	200	273822	37.466	ng	99
70) Pentachlorophenol	16.97	266	316943	56.236	ng	99
71) Phenanthrene	17.36	178	1271449	37.018	ng	100
72) Anthracene	17.46	178	1317143	38.553	ng	99
73) Carbazole	17.72	167	1270484	38.566	ng	99
74) Di-n-butylphthalate	18.29	149	1408188	40.894	ng	99
75) Fluoranthene	19.37	202	1673918	39.036	ng	99
77) Benzidine	19.55	184	1001556	51.245	ng	99
78) Pyrene	19.73	202	1694065	36.541	ng	98
80) Butylbenzylphthalate	20.62	149	687339	40.928	ng	97
81) Benzo(a)anthracene	21.55	228	1702261	36.866	ng	98
82) 3,3'-Dichlorobenzidine	21.46	252	531502	27.719	ng	98
83) Chrysene	21.62	228	1642799	36.319	ng	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	947398	39.459	ng	98
85) Di-n-octyl phthalate	22.65	149	1636716	40.261	ng	98
87) Indeno(1,2,3-cd)pyrene	28.19	276	2228769	39.000	ng	# 96
88) Benzo(b)fluoranthene	23.69	252	1865056	37.143	ng	99
89) Benzo(k)fluoranthene	23.76	252	1823642	37.027	ng	99
90) Benzo(a)pyrene	24.53	252	1739821	37.235	ng	99
91) Dibenzo(a,h)anthracene	28.25	278	1822234	38.143	ng	99
92) Benzo(g,h,i)perylene	29.30	276	1884224	39.054	ng	99

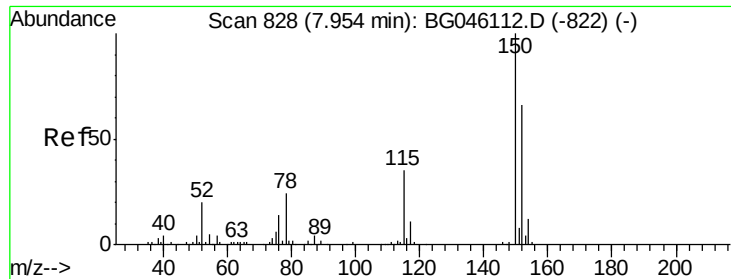
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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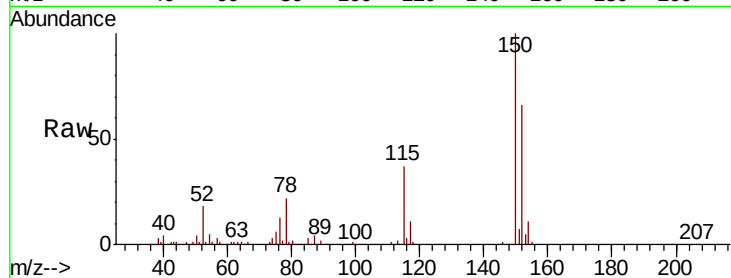


#1

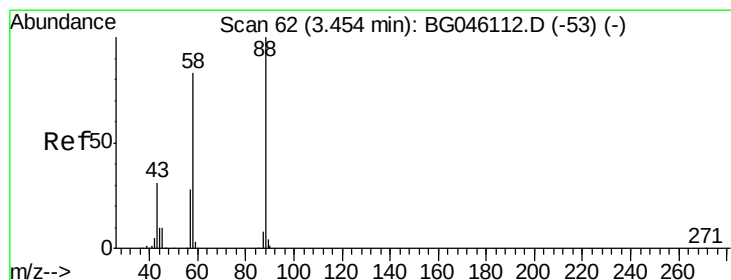
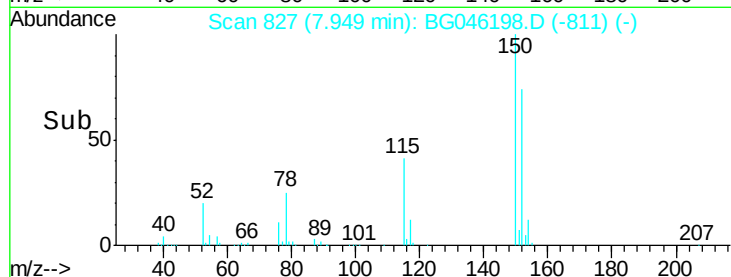
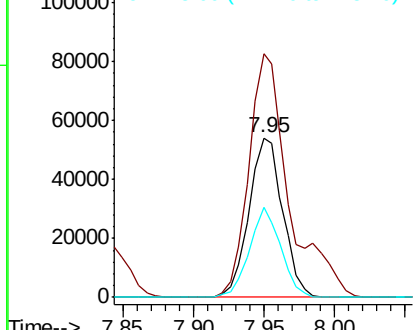
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion:152 Resp: 90946
Ion Ratio Lower Upper
152 100
150 152.6 122.1 183.1
115 56.1 43.2 64.8



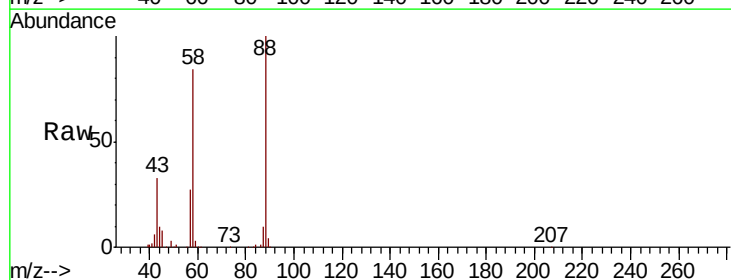
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



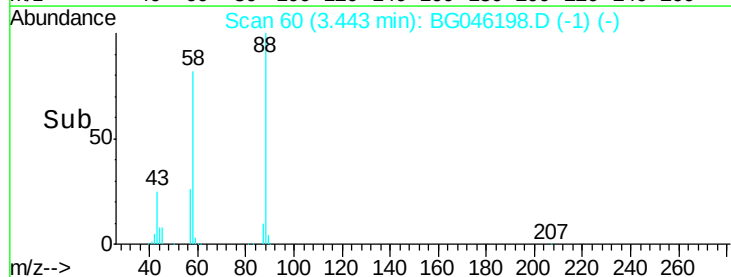
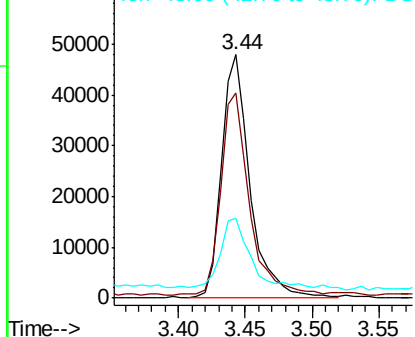
#2

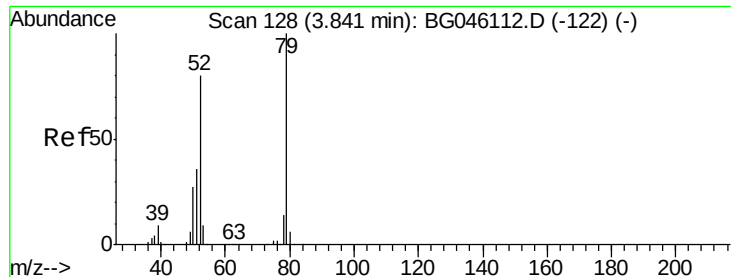
1,4-Dioxane
Concen: 30.147 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion: 88 Resp: 71788
Ion Ratio Lower Upper
88 100
58 83.3 66.5 99.7
43 29.4 23.8 35.8



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: 26.417 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

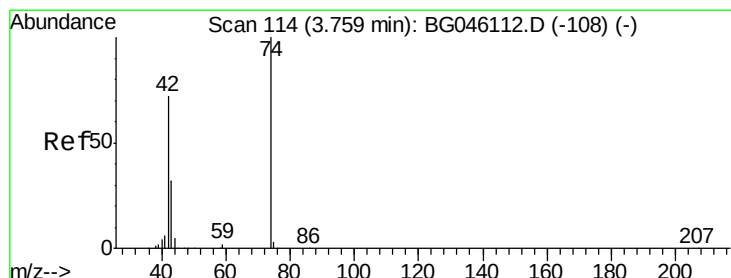
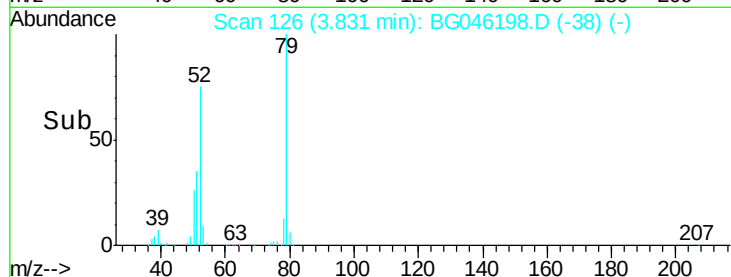
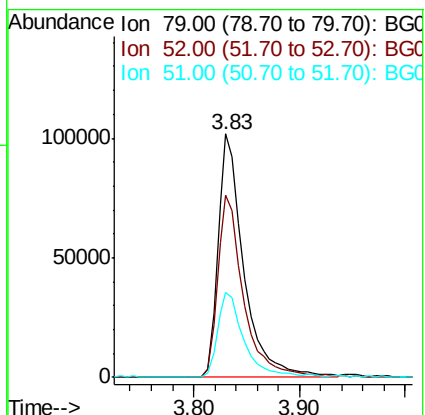
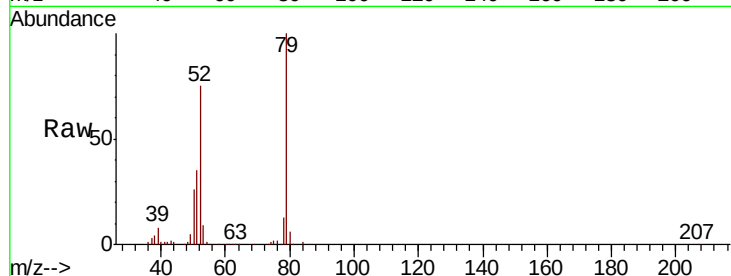
Tot Ion: 79 Resp: 173175

Ion Ratio Lower Upper

79 100

52 74.9 64.3 96.5

51 35.0 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 33.775 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

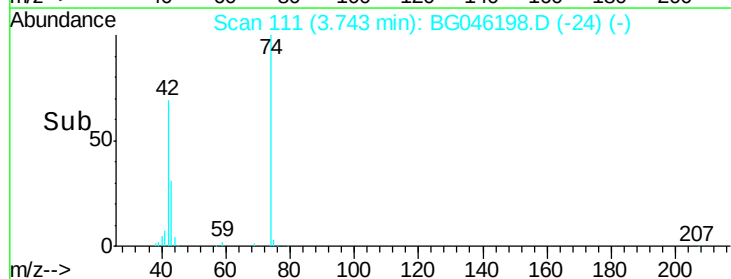
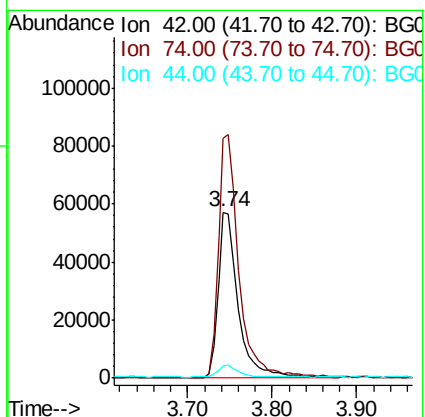
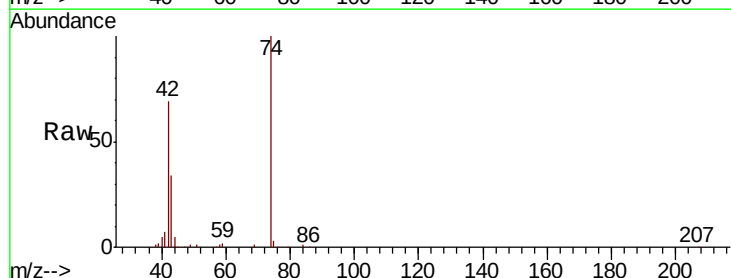
Tgt Ion: 42 Resp: 94231

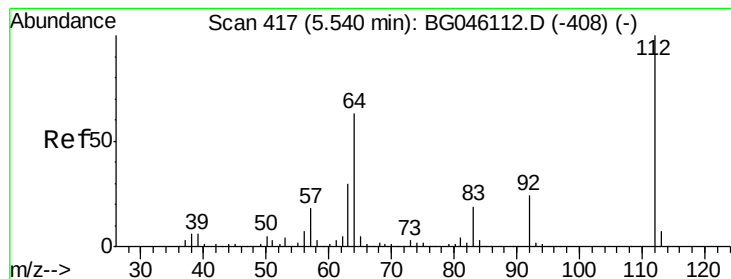
Ion Ratio Lower Upper

42 100

74 144.6 111.6 167.4

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 109.534 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

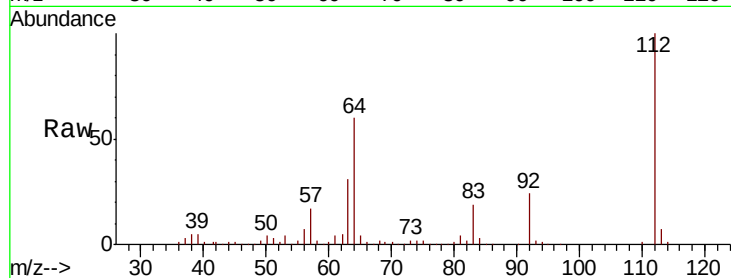
Tot Ion:112 Resp: 573049

Ion Ratio Lower Upper

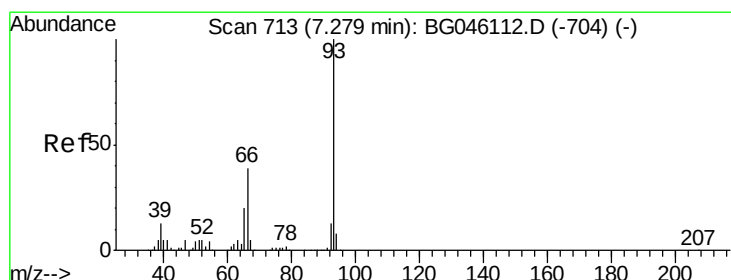
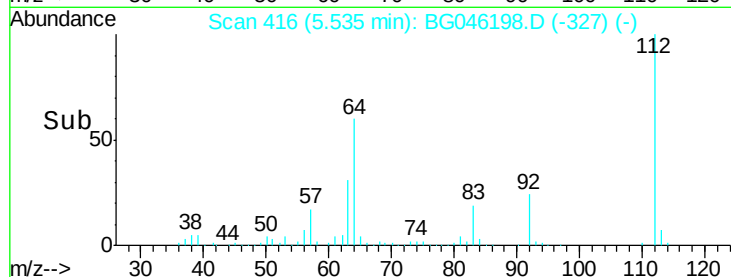
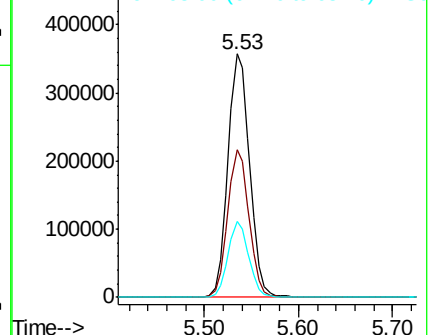
112 100

64 60.4 50.2 75.2

63 31.0 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.096 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

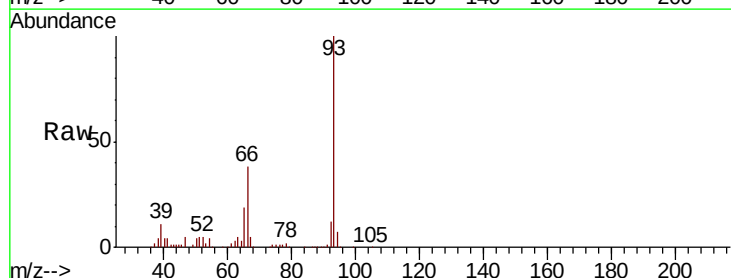
Tgt Ion: 93 Resp: 272413

Ion Ratio Lower Upper

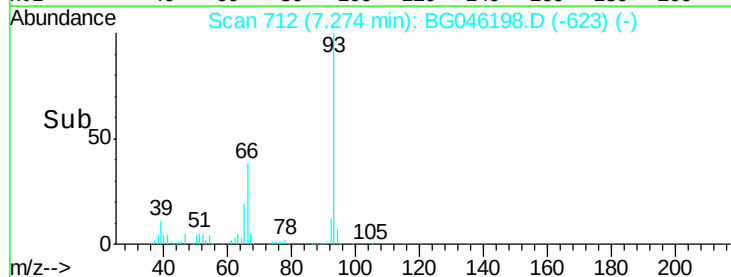
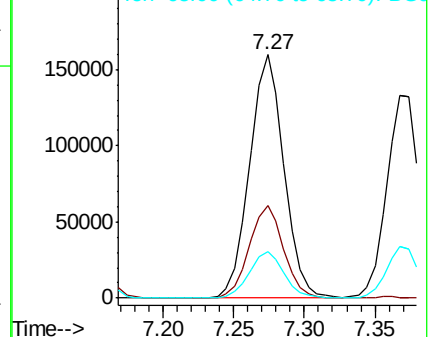
93 100

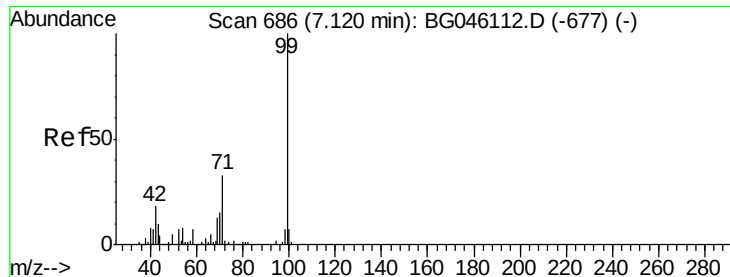
66 37.8 31.0 46.4

65 18.9 15.9 23.9



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: 100.955 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046198.D

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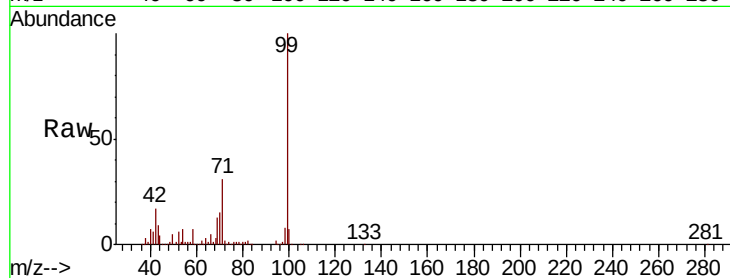
Tot Ion: 99 Resp: 719815

Ion Ratio Lower Upper

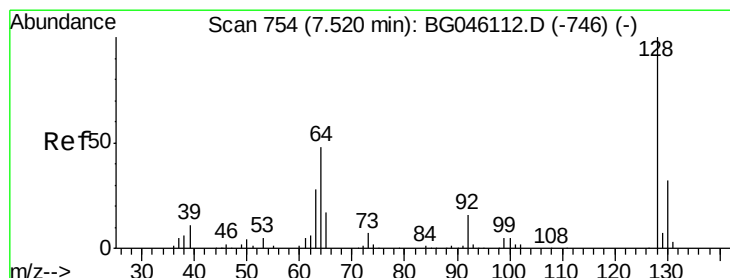
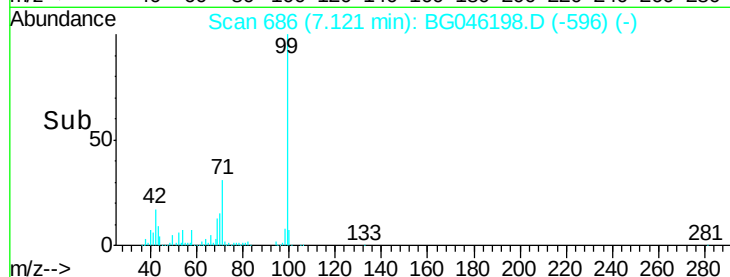
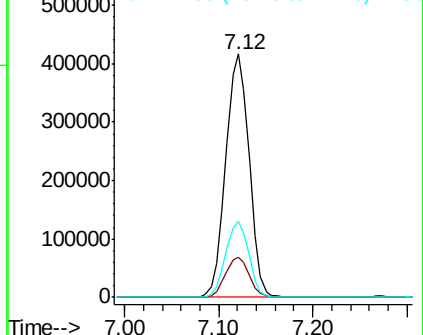
99 100

42 16.7 14.7 22.1

71 31.4 26.5 39.7



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



#8

2-Chlorophenol

Concen: 40.903 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

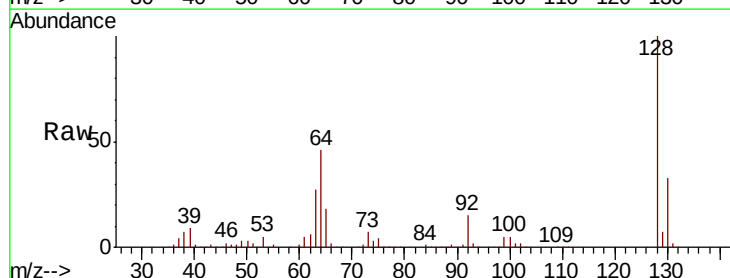
Tgt Ion:128 Resp: 236522

Ion Ratio Lower Upper

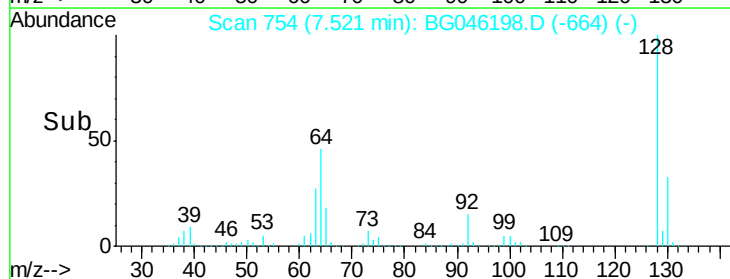
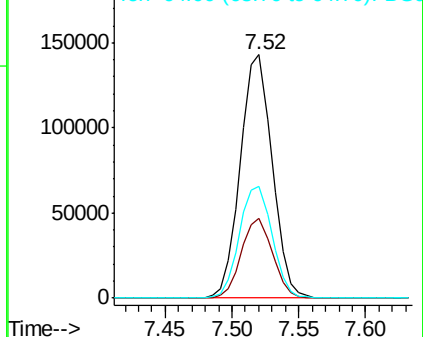
128 100

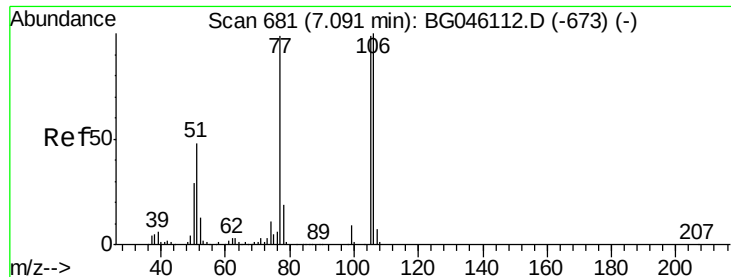
130 32.8 11.6 51.6

64 46.0 30.6 70.6



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





#9

Benzaldehyde

Concen: 37.925 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.00 min

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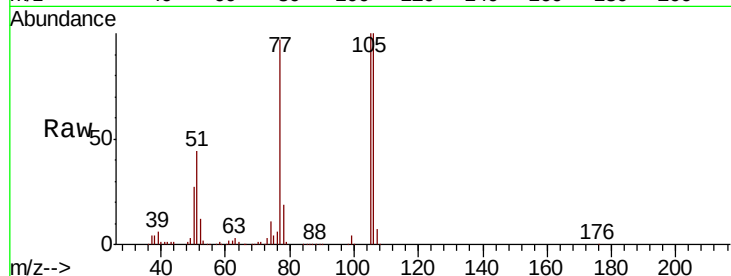
Tot Ion: 77 Resp: 160459

Ion Ratio Lower Upper

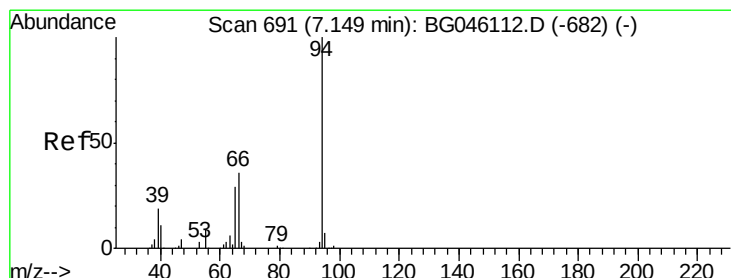
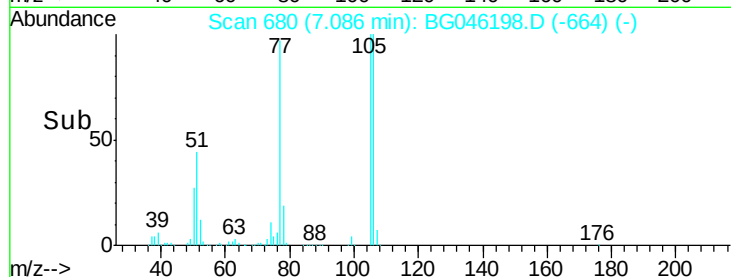
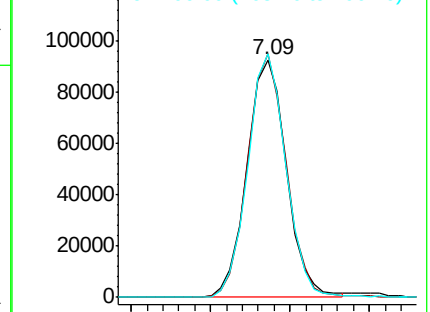
77 100

105 102.6 80.3 120.3

106 102.6 81.5 121.5



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: 39.738 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

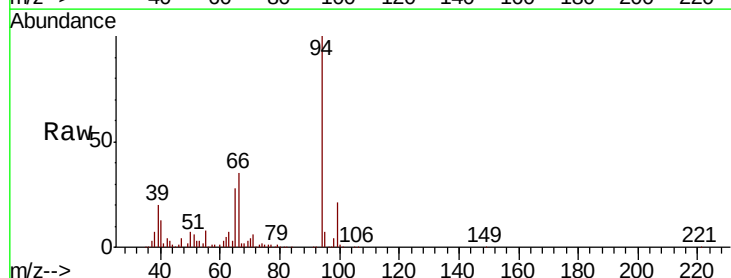
Tgt Ion: 94 Resp: 284682

Ion Ratio Lower Upper

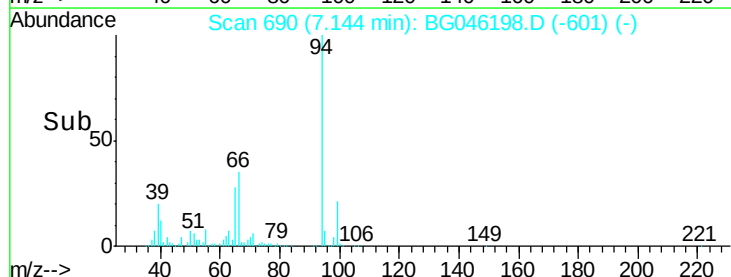
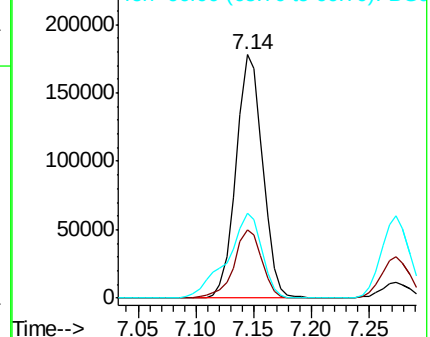
94 100

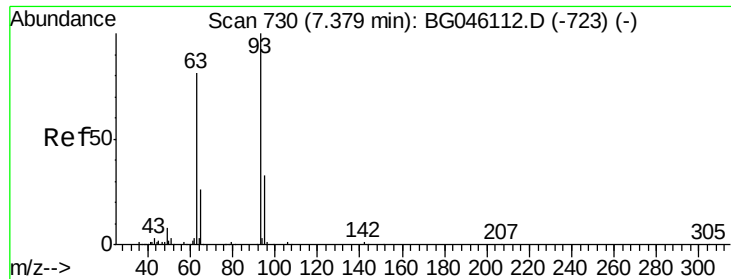
65 28.2 9.6 49.6

66 34.9 16.3 56.3



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

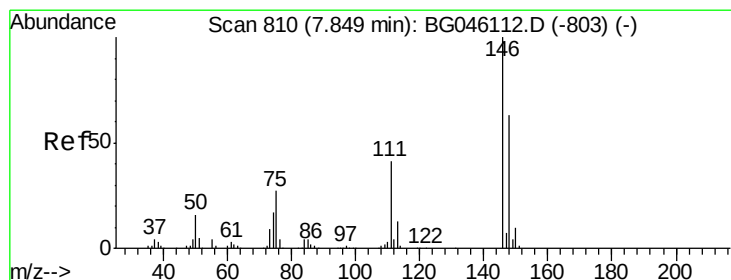
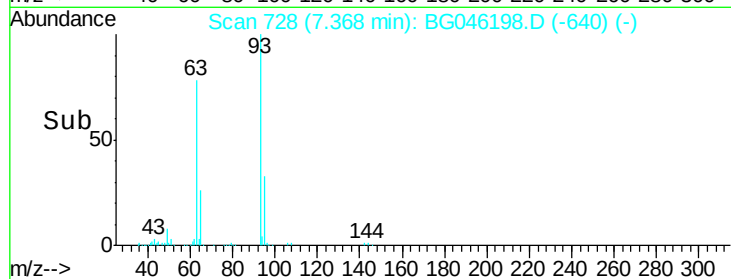
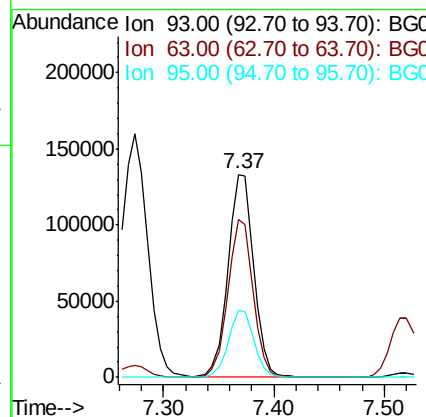
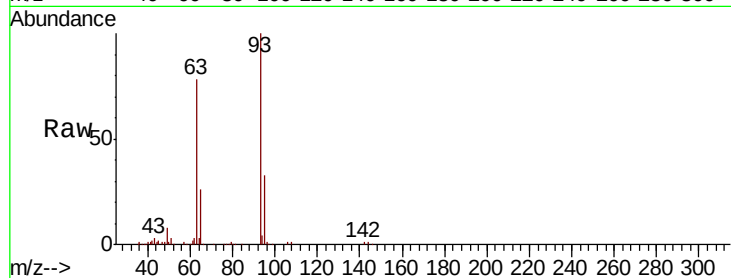




#11
 bis(2-Chloroethyl)ether
 Concen: 38.274 ng
 RT: 7.37 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

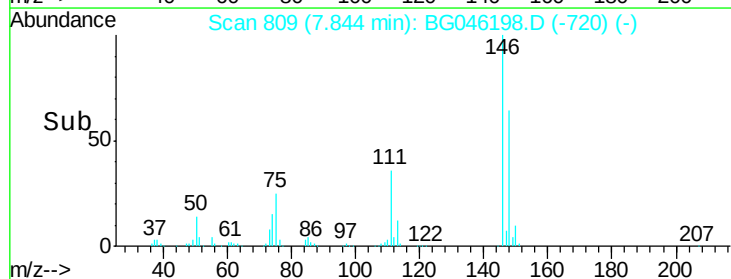
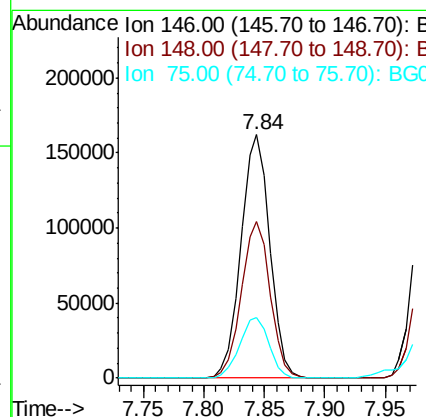
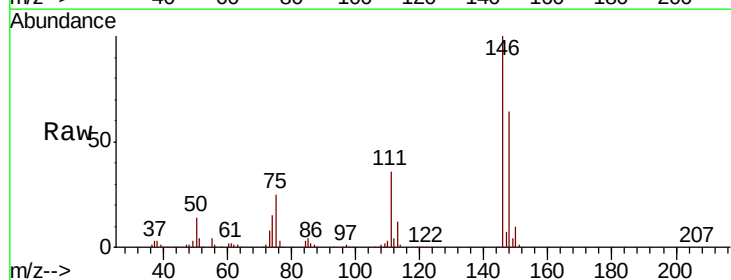
Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

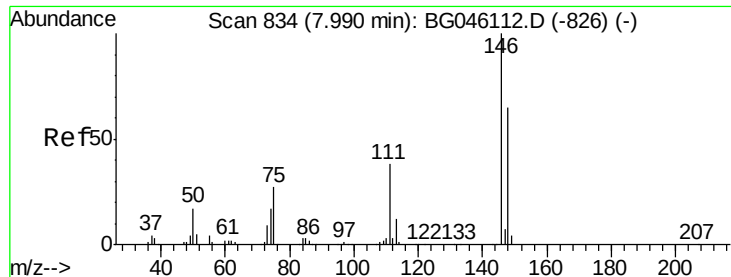
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.7	60.0	100.0
95	32.8	12.6	52.6



#12
 1,3-Dichlorobenzene
 Concen: 38.487 ng
 RT: 7.84 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
75	25.0	21.6	32.4

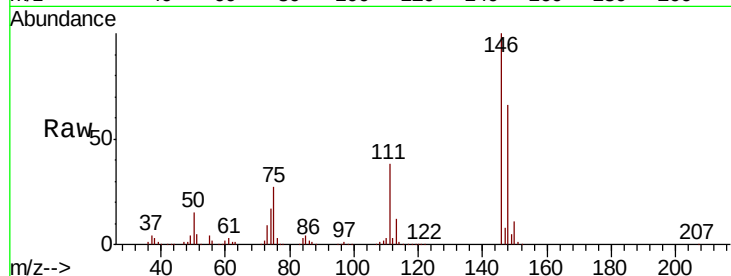




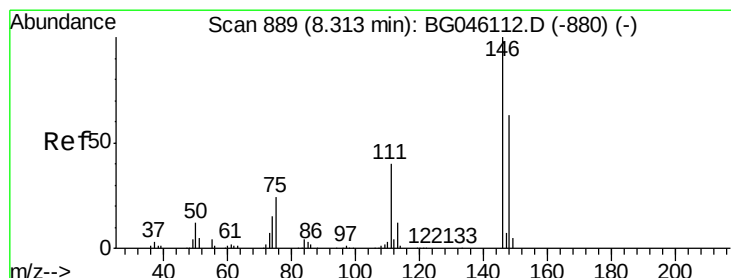
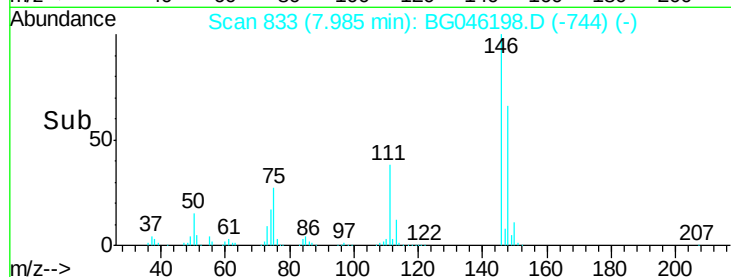
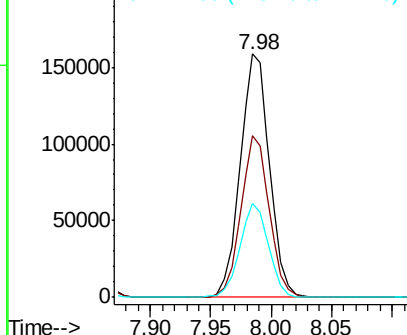
#13
 1,4-Dichlorobenzene
 Concen: 37.922 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Tot Ion:146 Resp: 266895
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.8 77.6
 111 38.3 30.7 46.1

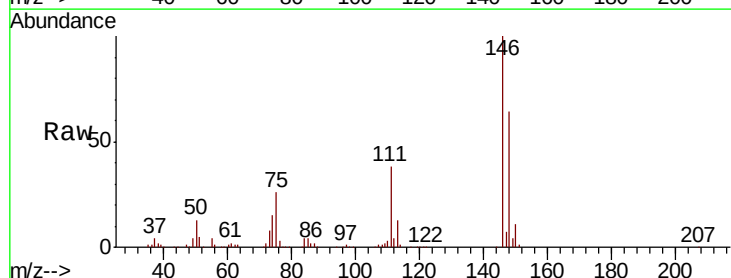


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

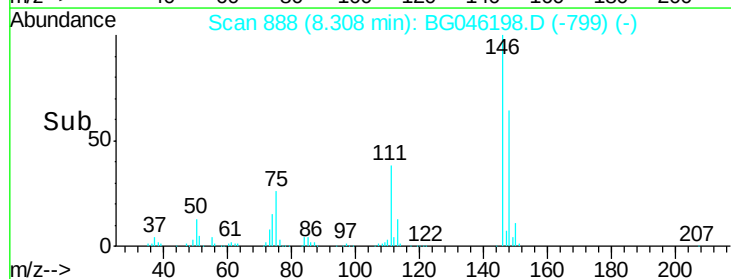
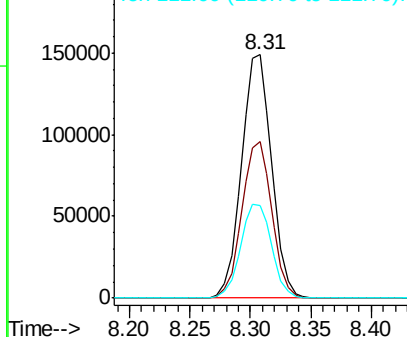


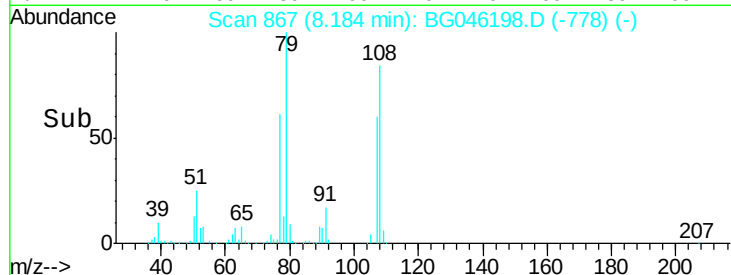
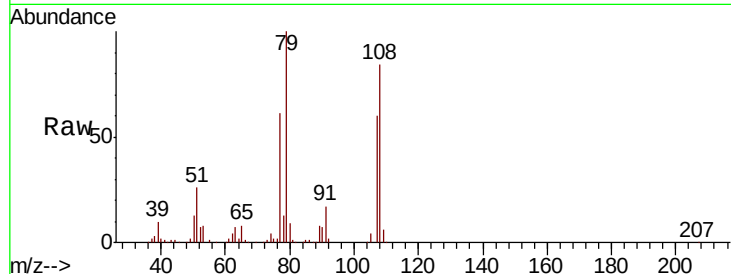
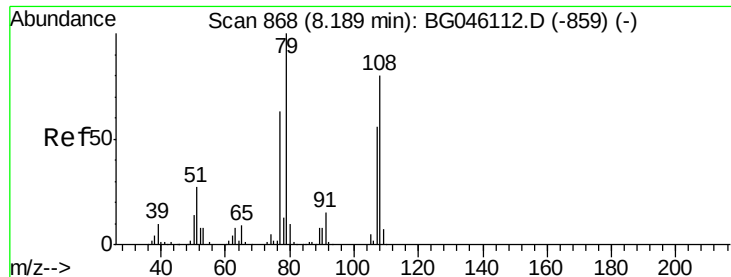
#14
 1,2-Dichlorobenzene
 Concen: 38.976 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion:146 Resp: 258707
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 37.9 32.4 48.6



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

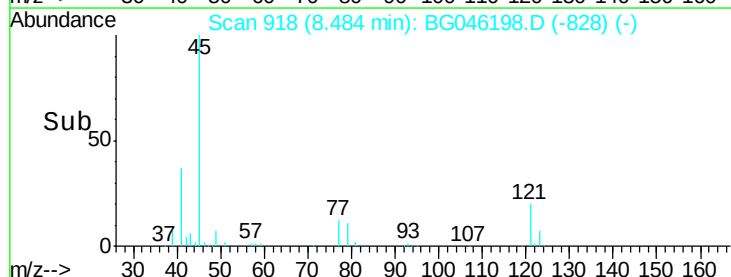
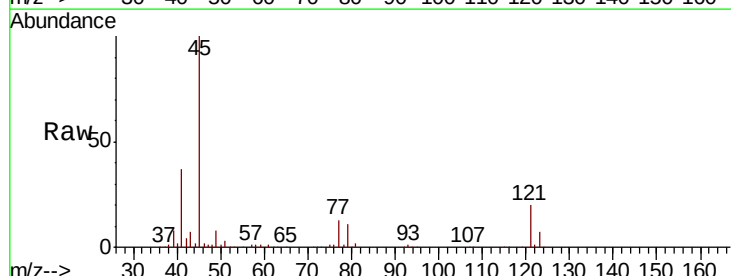
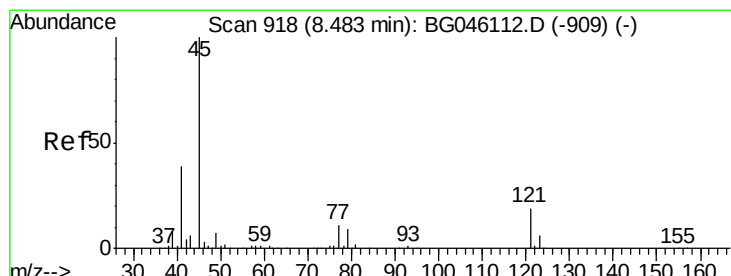
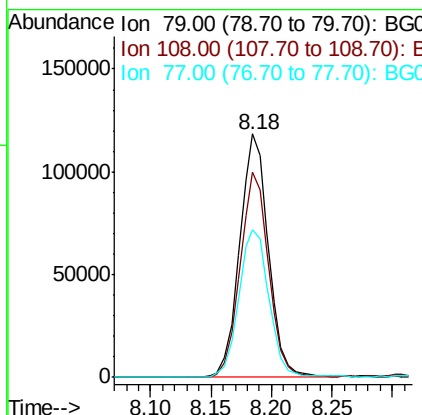




#15
Benzyl Alcohol
Concen: 39.896 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

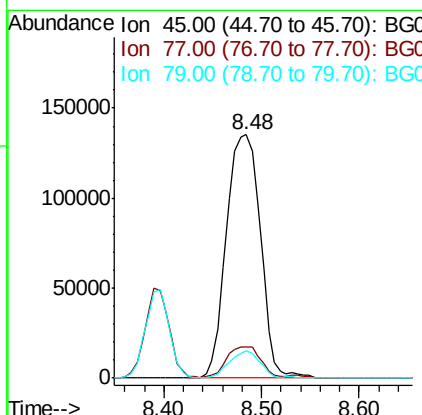
Instrument :
BNA_G
ClientSampleId :
PB130810BS

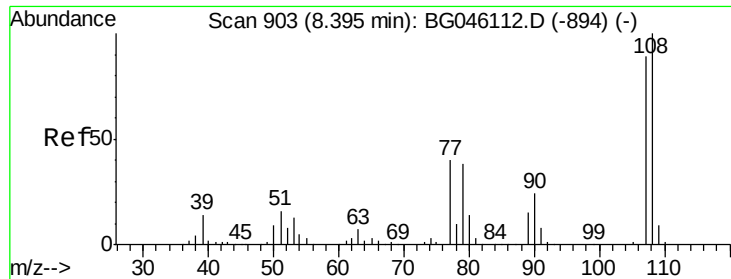
Tot Ion	Ratio	Lower	Upper
79	100		
108	84.1	64.1	96.1
77	60.8	50.2	75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.177 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	31.9
79	11.3	0.0	29.5

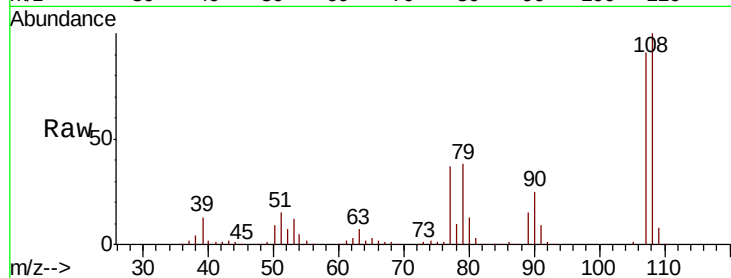




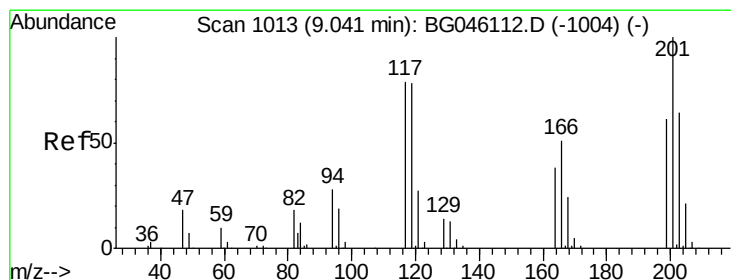
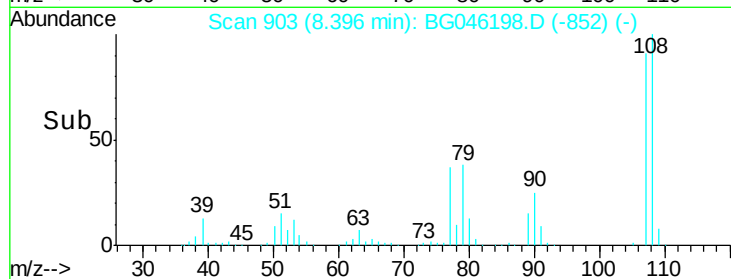
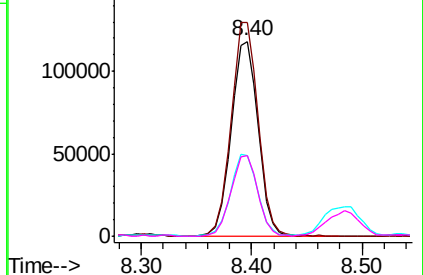
#17
2-Methylphenol
Concen: 41.992 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion:	107	Resp:	203089
Ion	Ratio	Lower	Upper
107	100		
108	109.7	90.0	135.0
77	41.1	35.6	53.4
79	41.7	34.4	51.6

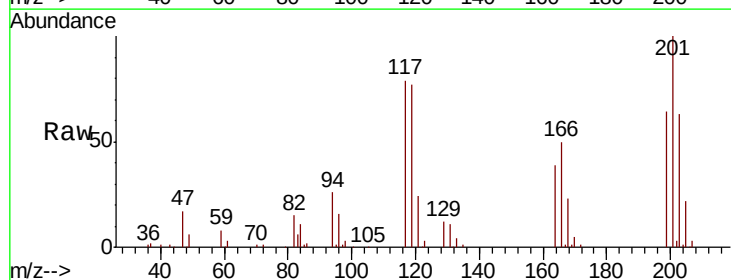


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BG
100000 Ion 79.00 (78.70 to 79.70): BG
50000
0

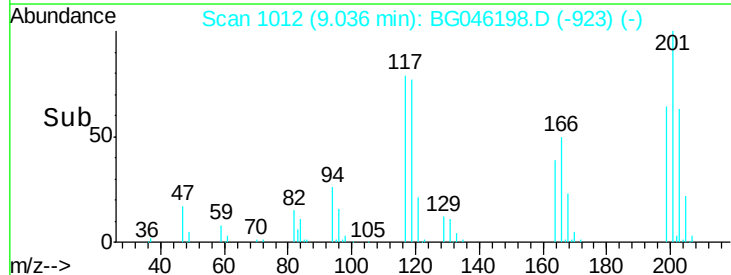
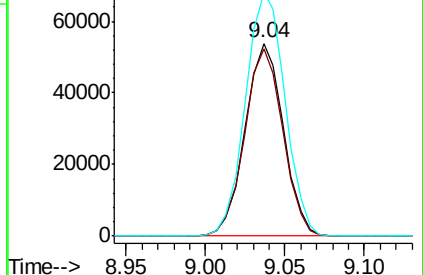


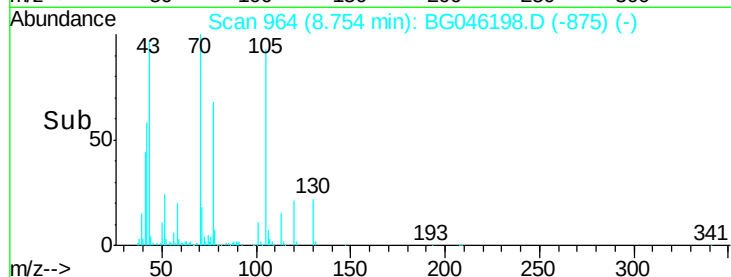
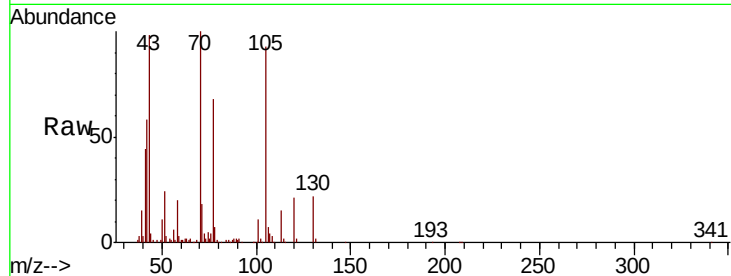
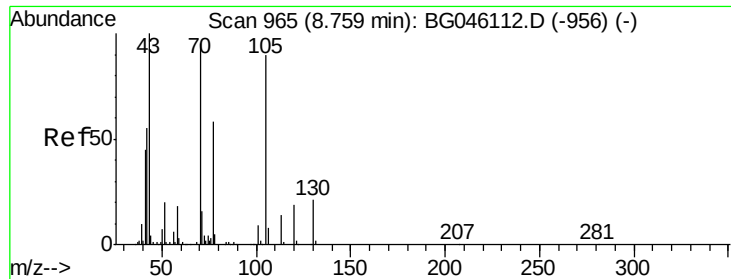
#18
Hexachloroethane
Concen: 38.318 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:	117	Resp:	90195
Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.5	117.7
201	126.4	101.0	151.4



Abundance Ion 117.00 (116.70 to 117.70): E
80000 Ion 119.00 (118.70 to 119.70): E
60000 Ion 201.00 (200.70 to 201.70): E
40000
20000
0

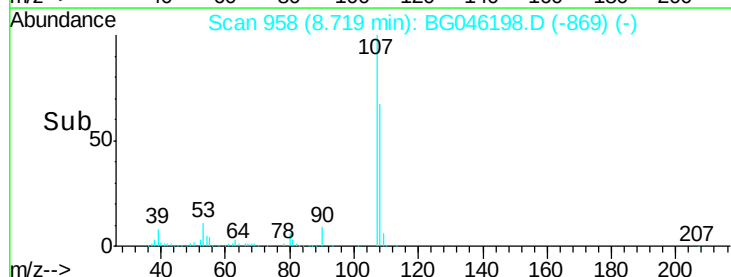
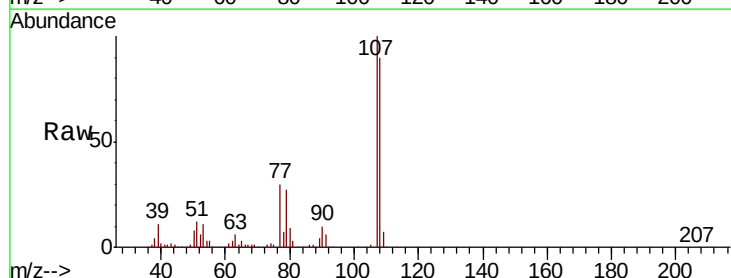
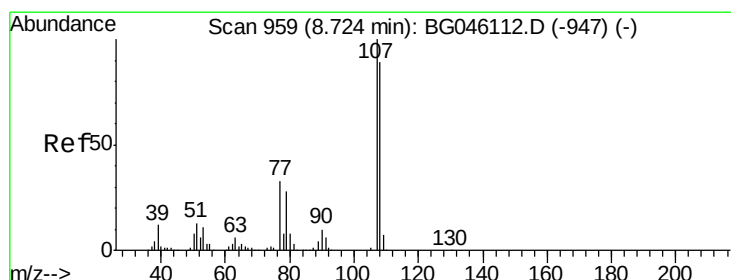
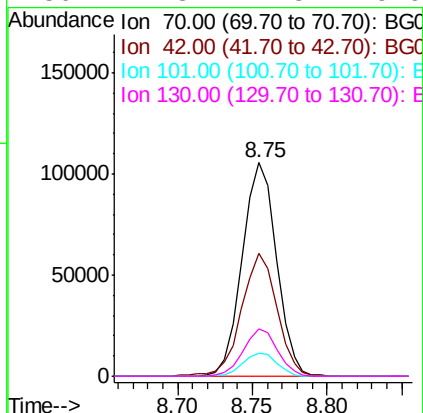




#19
n-Nitroso-di-n-propylamine
Concen: 36.187 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

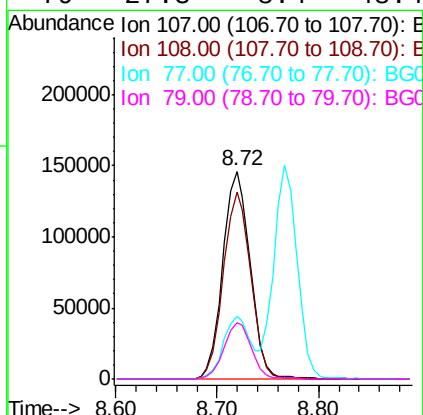
Instrument :
BNA_G
ClientSampleId :
PB130810BS

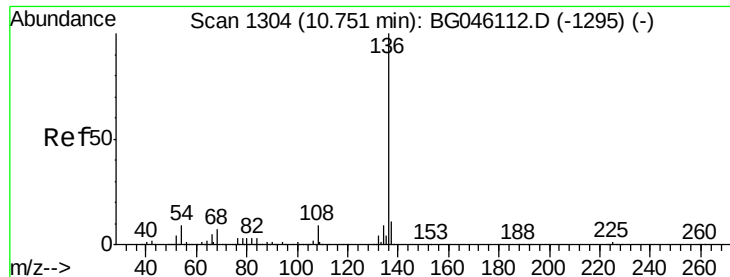
Tot Ion:	70	Resp:	167924
Ion	Ratio	Lower	Upper
70	100		
42	57.7	46.5	69.7
101	10.9	7.6	11.4
130	22.3	17.3	25.9



#20
3+4-Methylphenols
Concen: 41.398 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:	107	Resp:	274042
Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.1	109.1
77	29.9	12.5	52.5
79	27.3	8.4	48.4

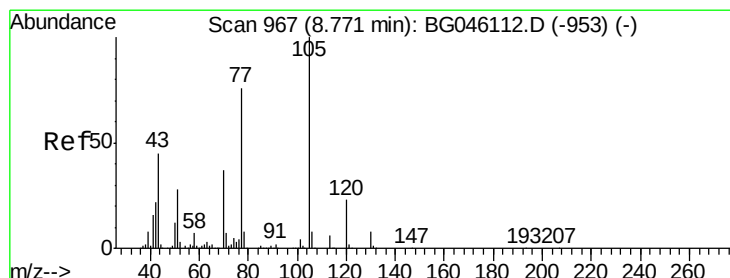
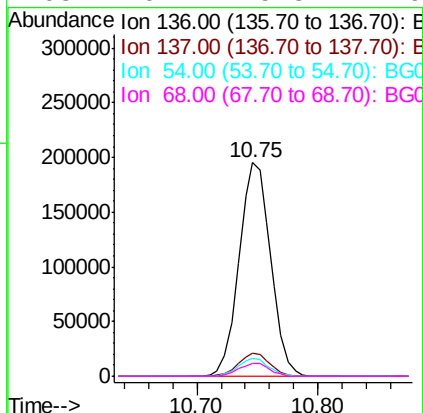
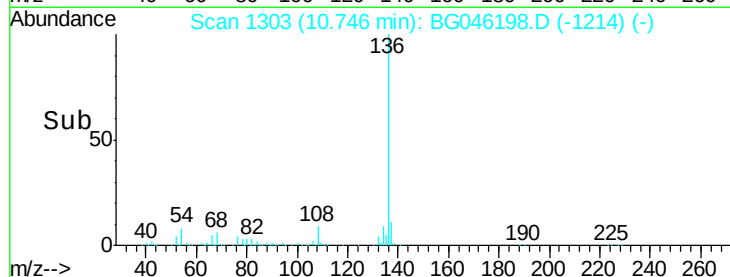
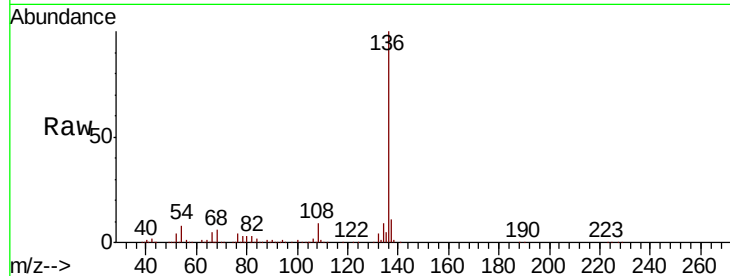




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

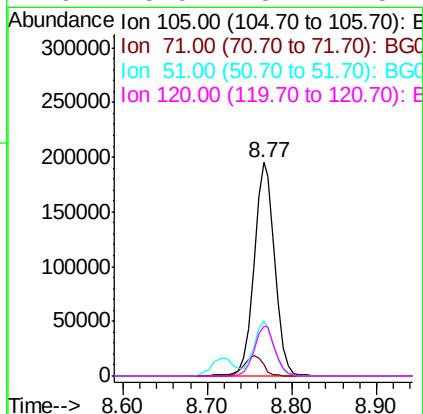
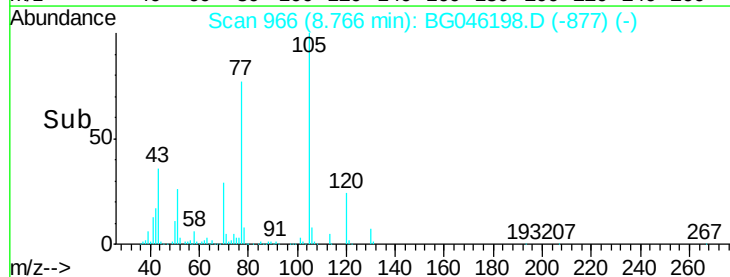
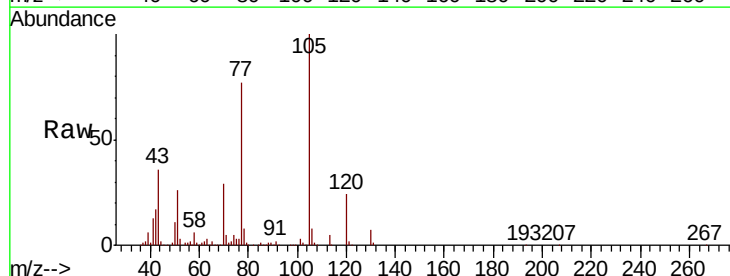
Instrument :
BNA_G
ClientSampleId :
PB130810BS

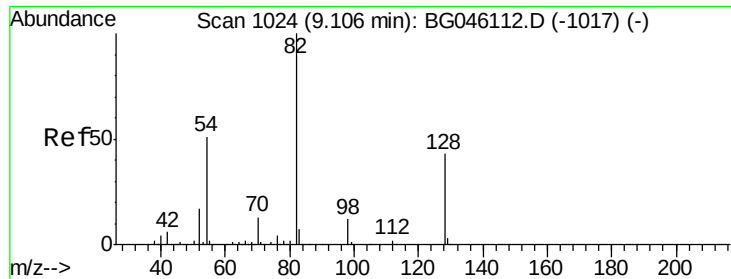
Tot Ion:136	Resp:	353979	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 8.3	7.0	10.4	
68 6.1	5.3	7.9	



#22
Acetophenone
Concen: 36.877 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt	Ion:105	Resp:	335005
Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.3	7.9#
51	26.1	22.7	34.1
120	23.5	18.7	28.1

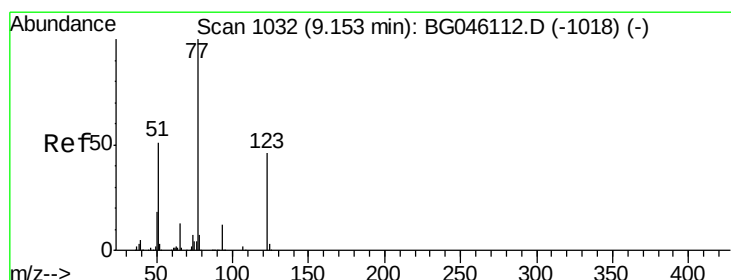
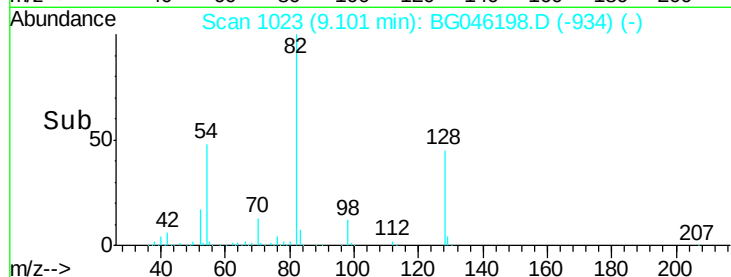
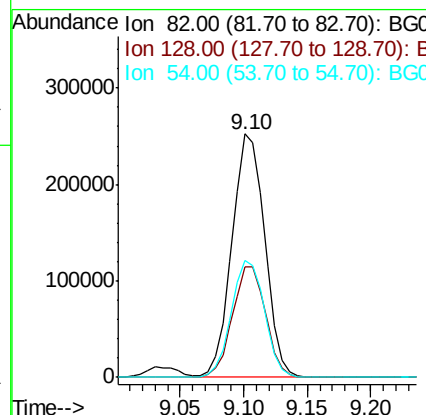
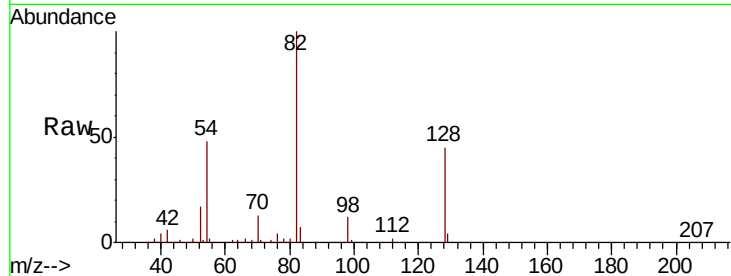




#23
 Nitrobenzene-d5
 Concen: 68.977 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

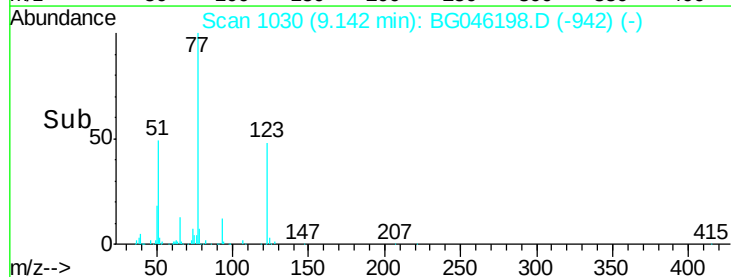
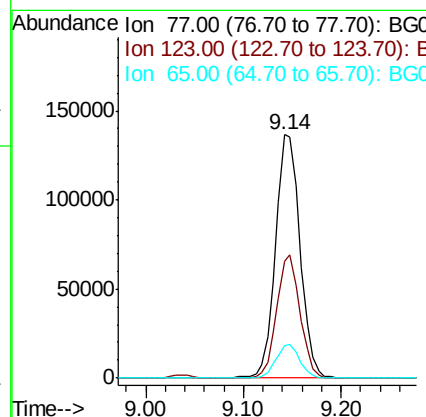
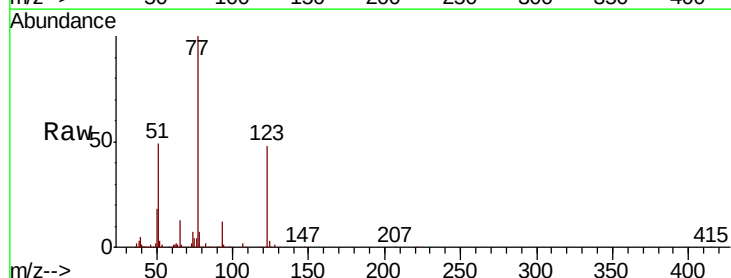
Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

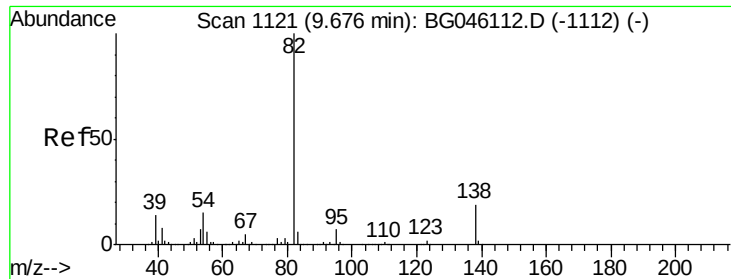
Tot Ion	82	Resp	450964
Ion Ratio	Lower	Upper	
82	100		
128	45.3	34.4	51.6
54	48.0	40.8	61.2



#24
 Nitrobenzene
 Concen: 34.386 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	77	Resp	239687
Ion Ratio	Lower	Upper	
77	100		
123	48.1	36.8	55.2
65	13.1	10.2	15.2





#25

Isophorone

Concen: 35.866 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

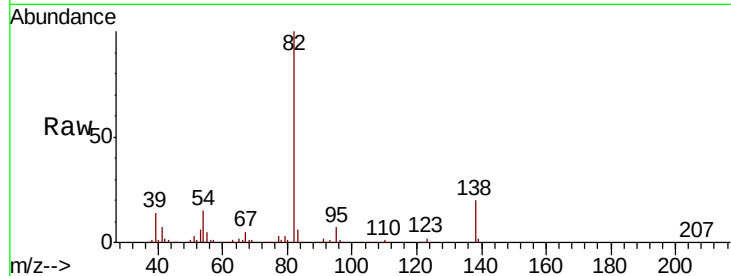
Tot Ion: 82 Resp: 466584

Ion Ratio Lower Upper

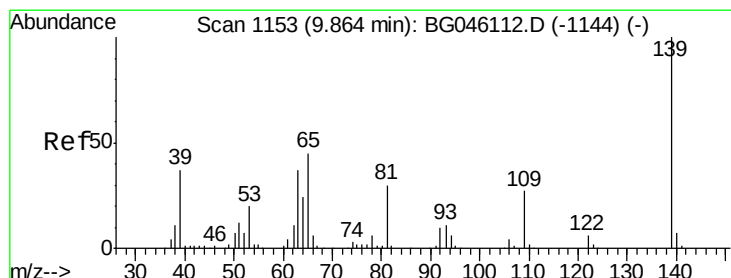
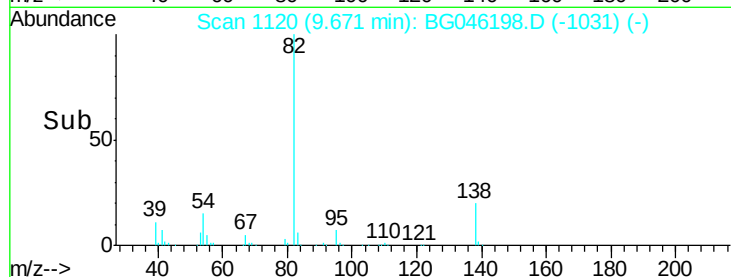
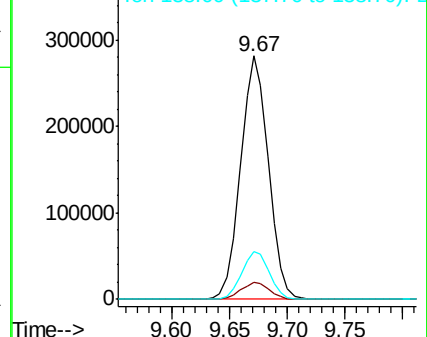
82 100

95 7.0 5.5 8.3

138 19.7 15.3 22.9



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



#26

2-Nitrophenol

Concen: 44.949 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

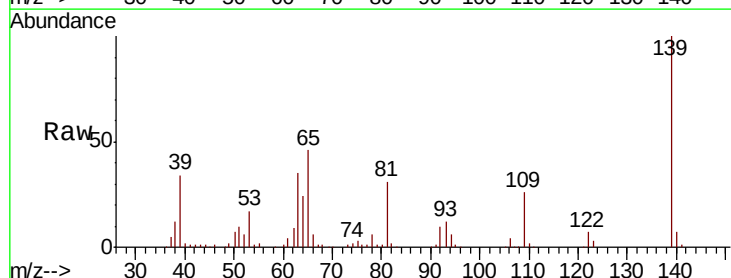
Tgt Ion: 139 Resp: 142000

Ion Ratio Lower Upper

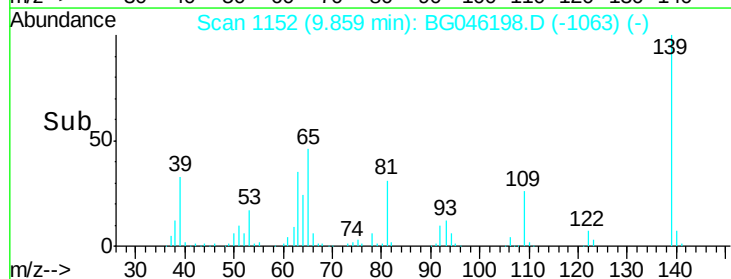
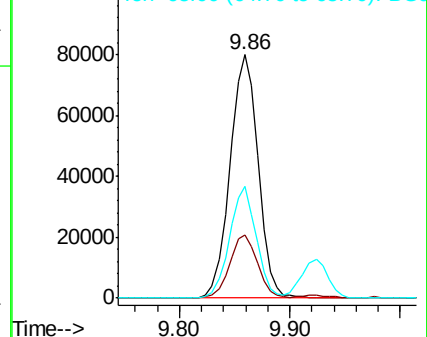
139 100

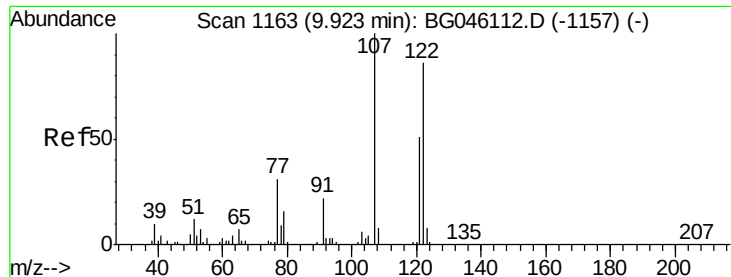
109 25.7 21.8 32.8

65 45.8 36.2 54.2



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





#27

2,4-Dimethylphenol

Concen: 42.561 ng

RT: 9.92 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

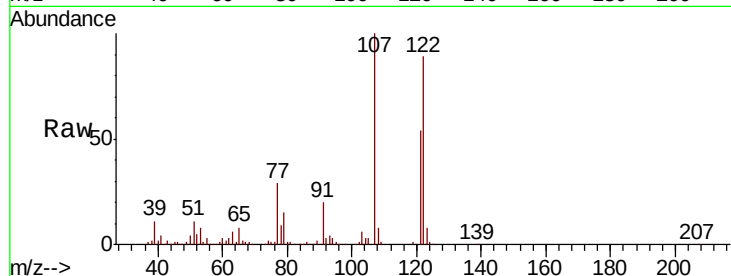
Tot Ion:122 Resp: 218756

Ion Ratio Lower Upper

122 100

107 112.0 92.4 138.6

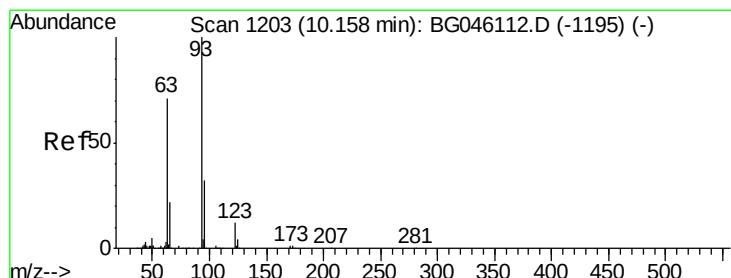
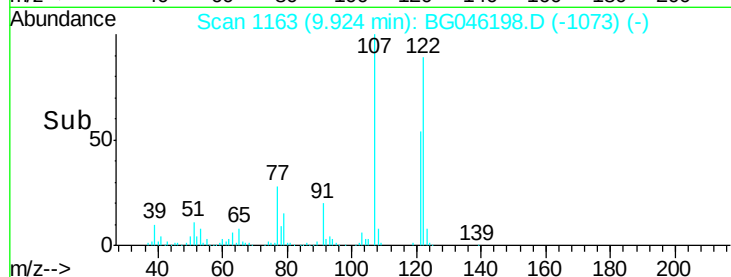
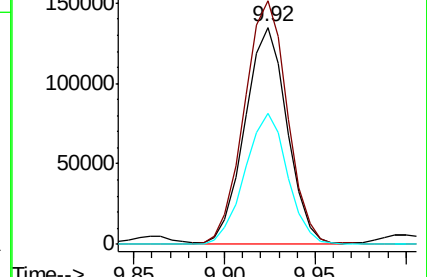
121 60.4 47.0 70.6



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: 40.734 ng

RT: 10.15 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

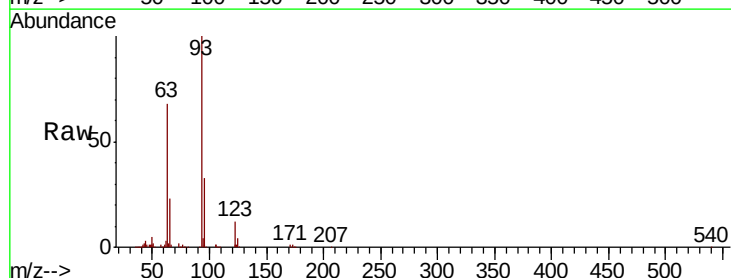
Tgt Ion: 93 Resp: 288140

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

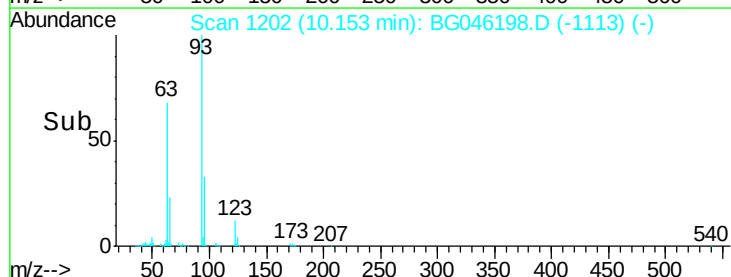
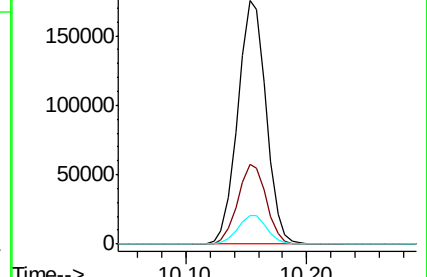
123 11.7 9.7 14.5

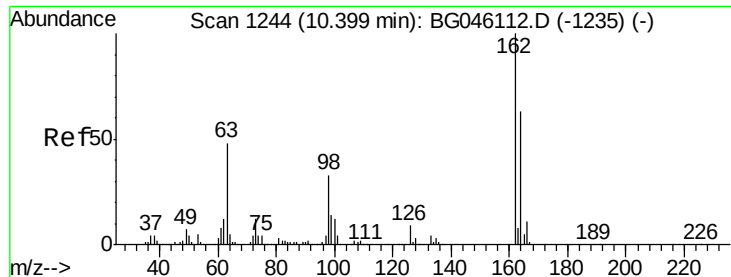


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

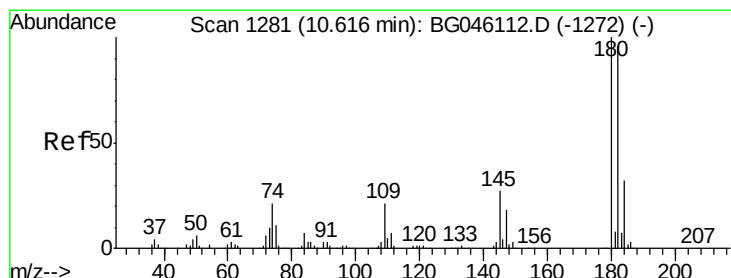
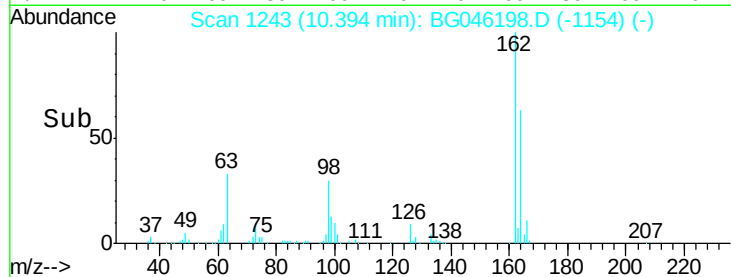
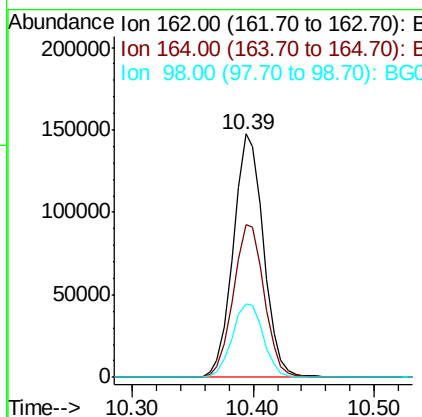
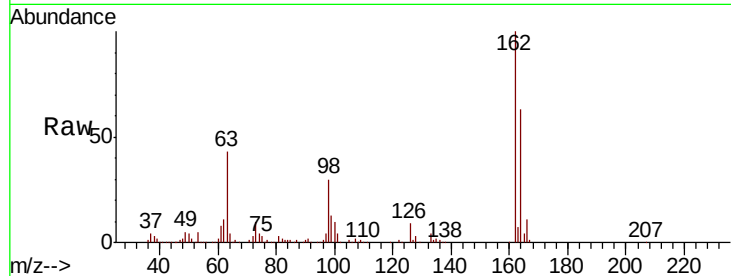




#29
 2,4-Dichlorophenol
 Concen: 42.490 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

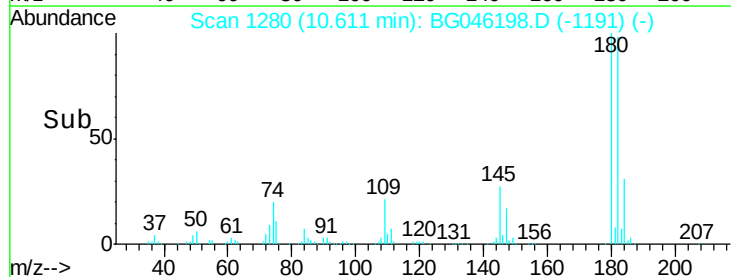
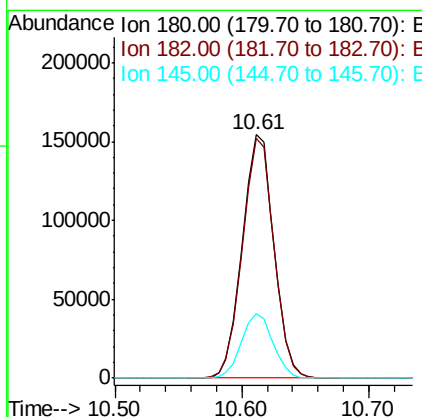
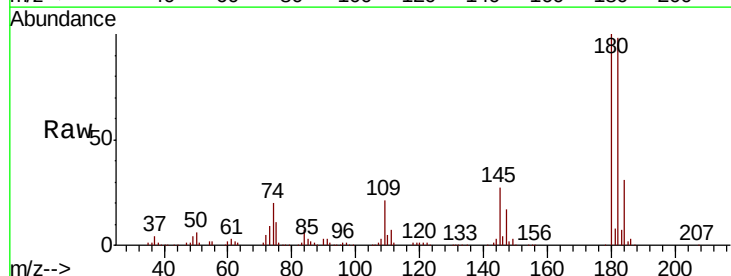
Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

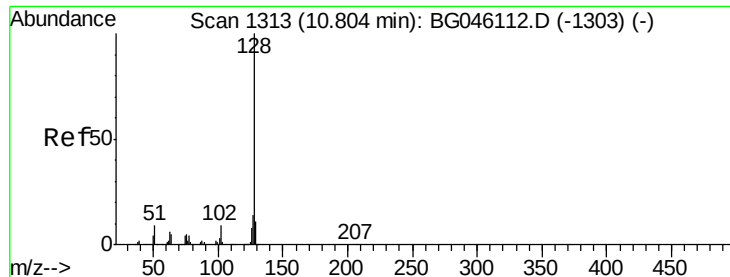
Tot Ion:	162	Resp:	256899
Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.3	83.3
98	29.9	13.1	53.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.698 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion:	180	Resp:	267009
Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.7	115.1
145	26.7	21.8	32.8

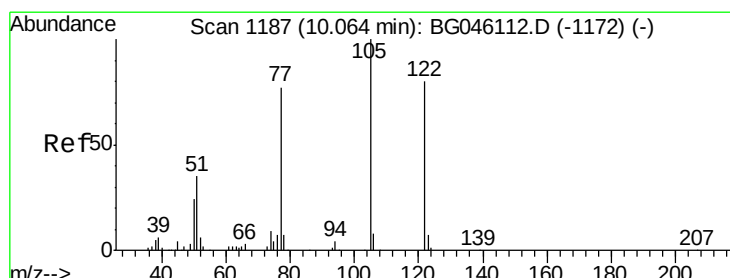
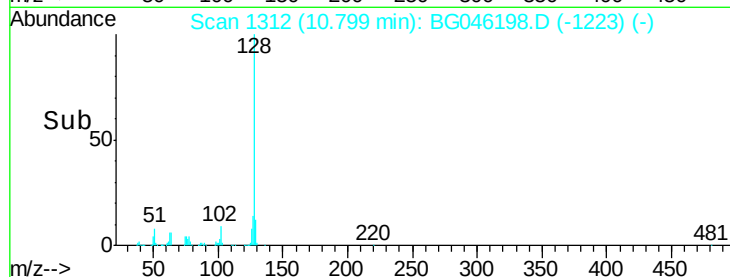
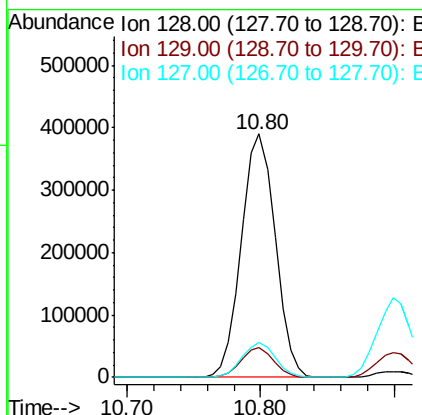
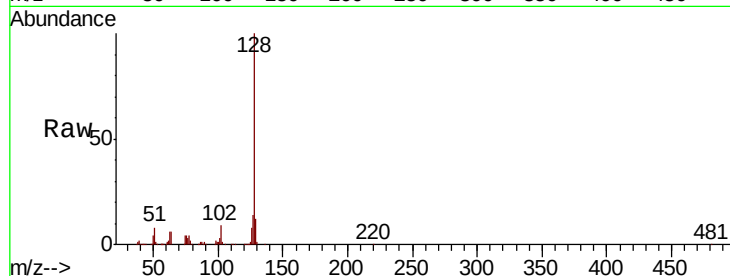




#31
Naphthalene
Concen: 36.689 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

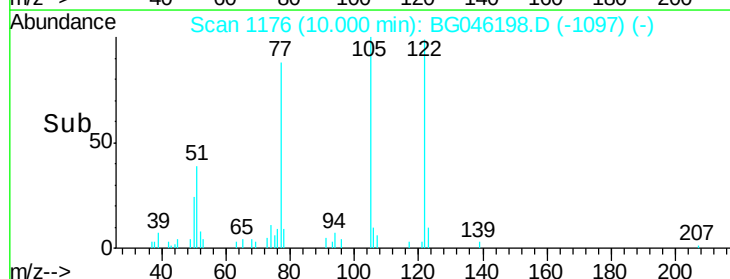
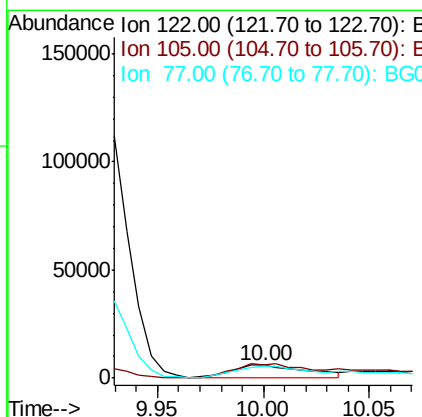
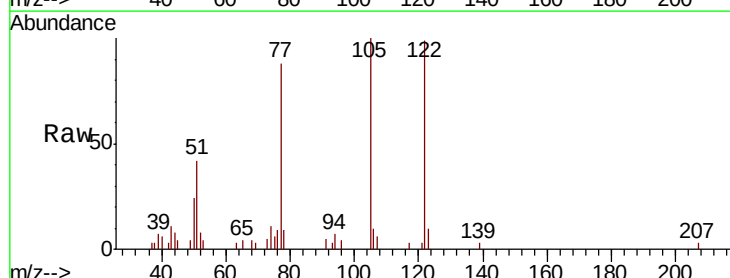
Instrument :
BNA_G
ClientSampleId :
PB130810BS

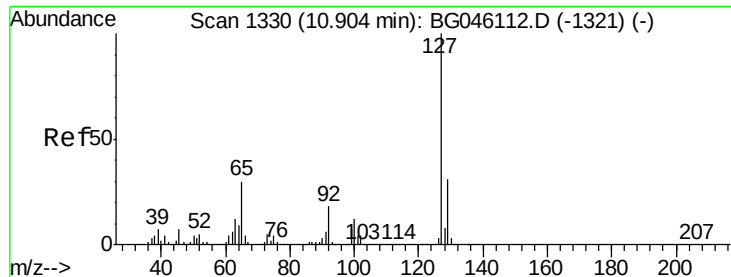
Tot Ion:128 Resp: 687177
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 14.5 11.3 16.9



#32
Benzoic acid
Concen: 12.249 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:122 Resp: 13346
Ion Ratio Lower Upper
122 100
105 101.2 103.0 143.0#
77 89.1 75.2 115.2

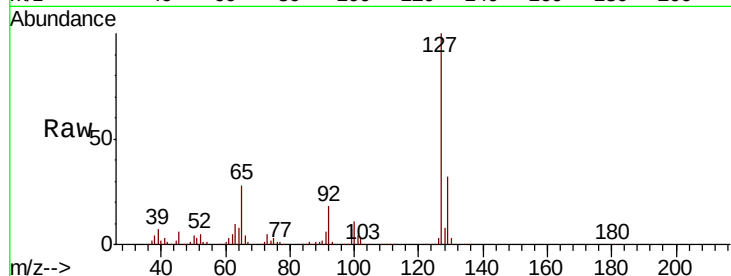




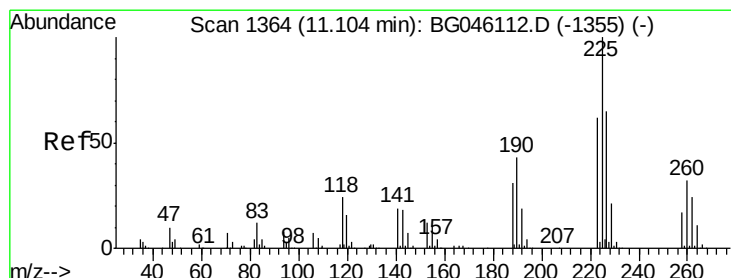
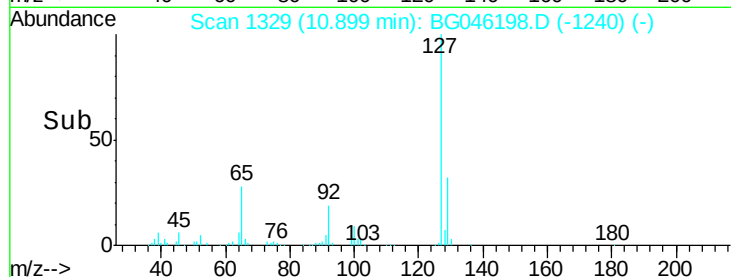
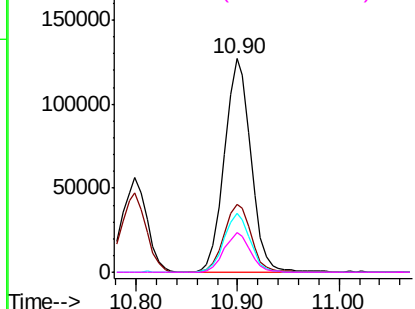
#33
4-Chloroaniline
Concen: 30.137 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion:	127	Resp:	230659
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.2	37.8
65	27.9	24.2	36.2
92	18.5	14.5	21.7

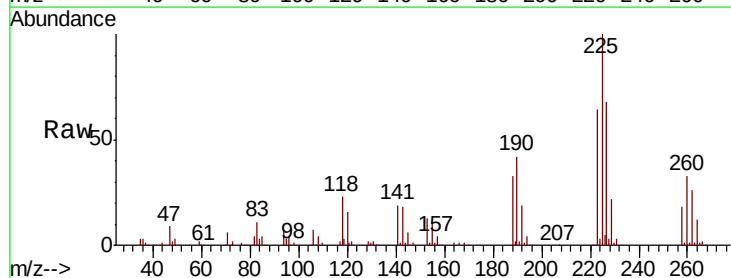


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

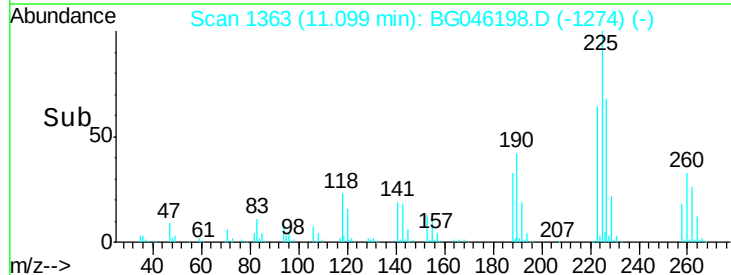
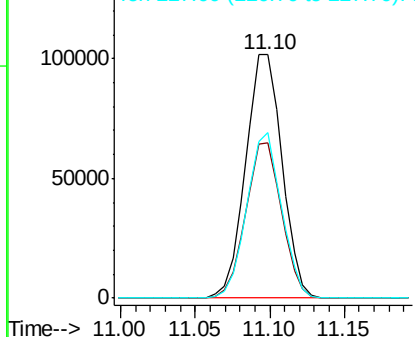


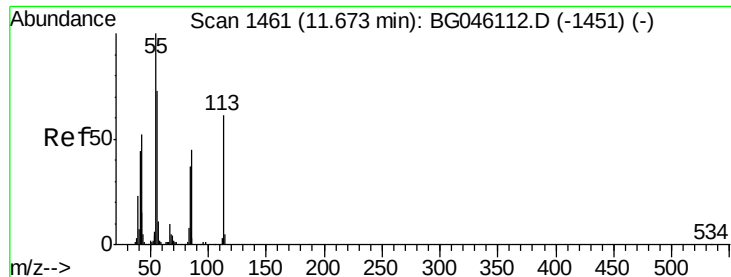
#34
Hexachlorobutadiene
Concen: 36.401 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:	225	Resp:	171630
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.8	74.6
227	68.2	51.9	77.9



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





#35

Caprolactam

Concen: 55.008 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

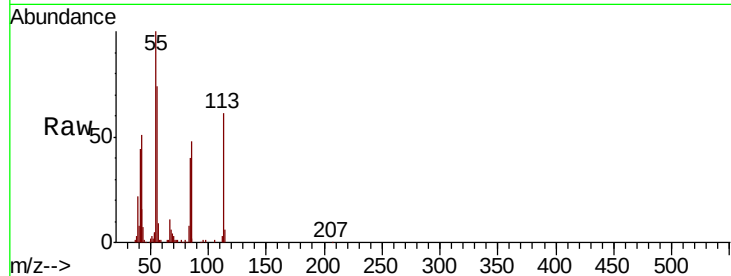
Tot Ion:113 Resp: 108856

Ion Ratio Lower Upper

113 100

55 163.1 144.7 184.7

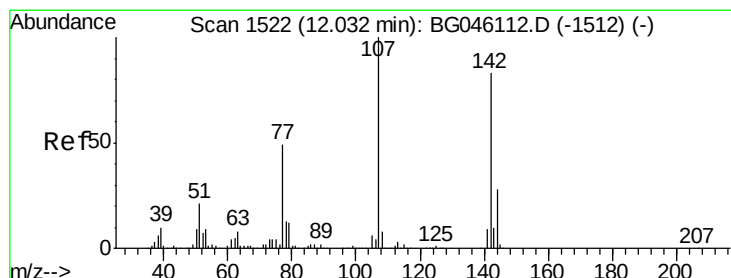
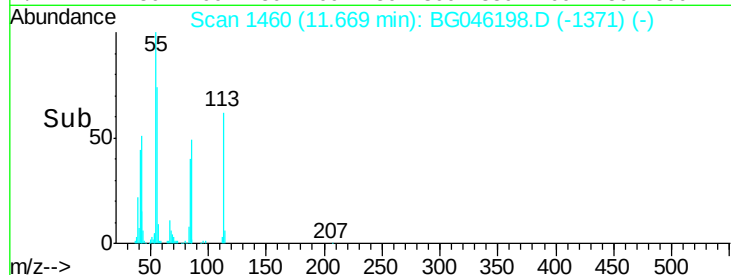
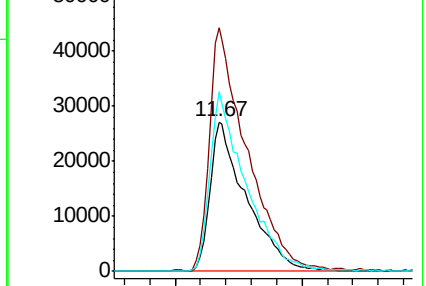
56 120.0 99.4 139.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.960 ng

RT: 12.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

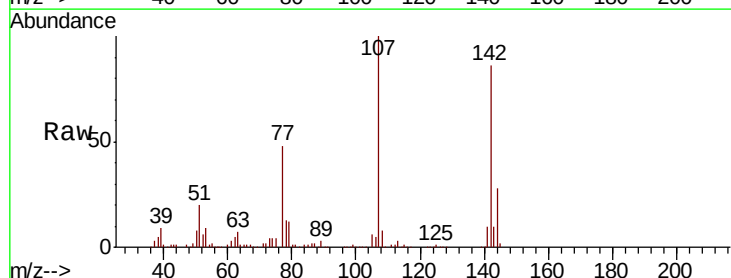
Tgt Ion:107 Resp: 254894

Ion Ratio Lower Upper

107 100

144 28.4 22.4 33.6

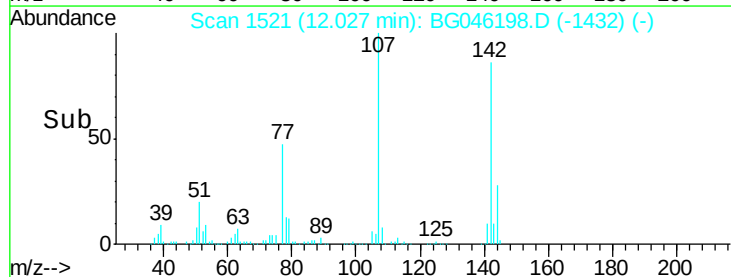
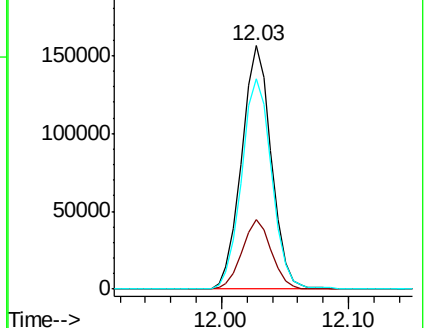
142 86.5 66.6 100.0

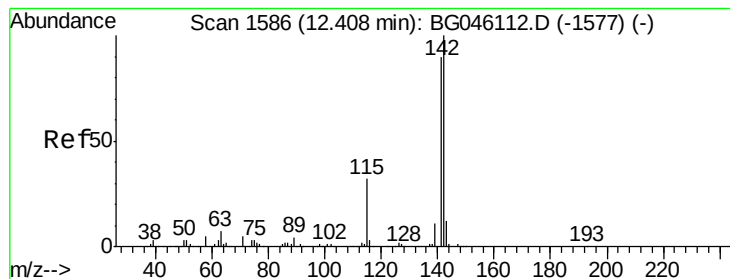


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.973 ng

RT: 12.40 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

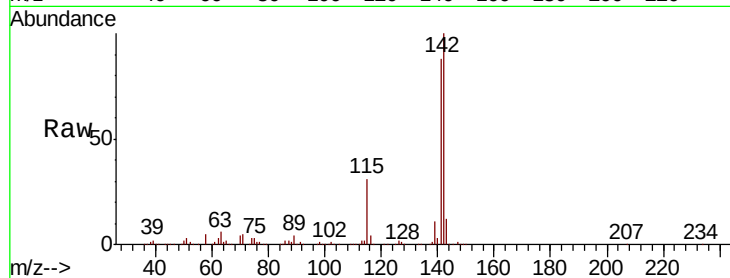
Tot Ion:142 Resp: 547255

Ion Ratio Lower Upper

142 100

141 87.9 71.7 107.5

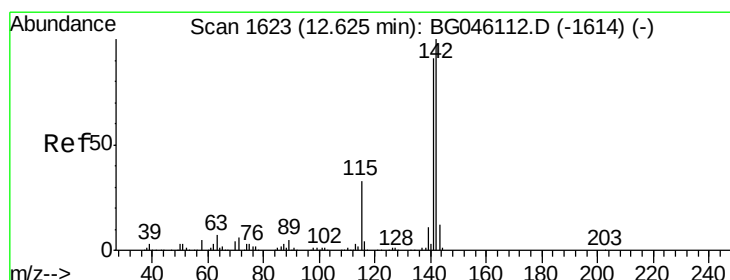
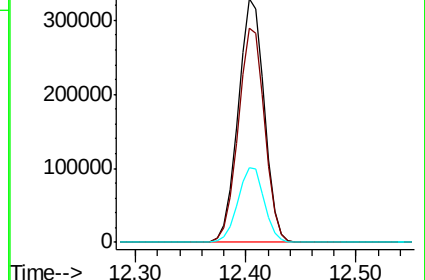
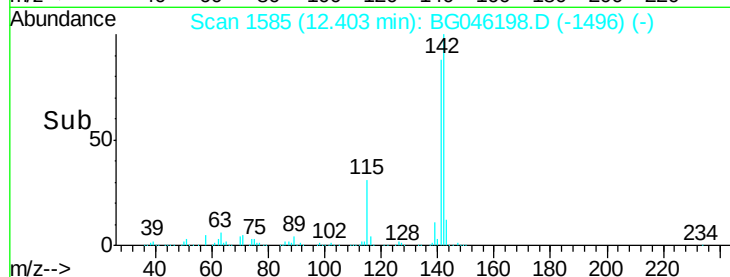
115 30.8 25.8 38.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.884 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

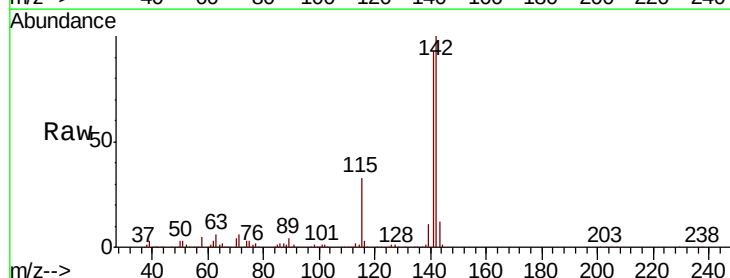
Tgt Ion:142 Resp: 516652

Ion Ratio Lower Upper

142 100

141 92.9 73.0 109.4

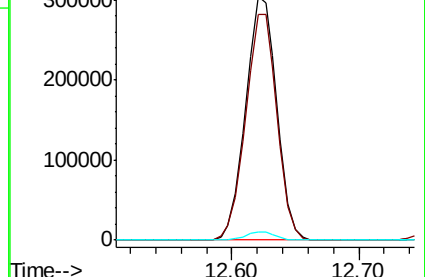
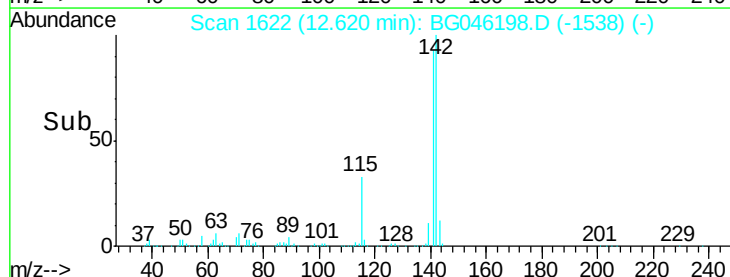
116 3.4 2.8 4.2

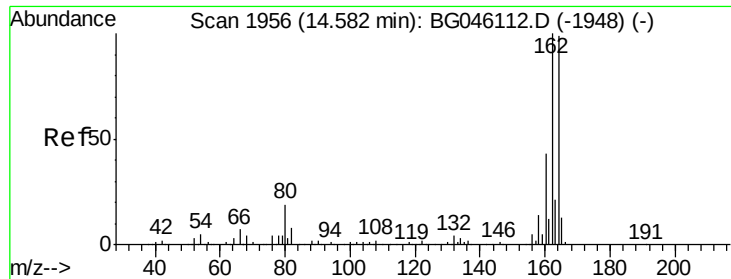


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

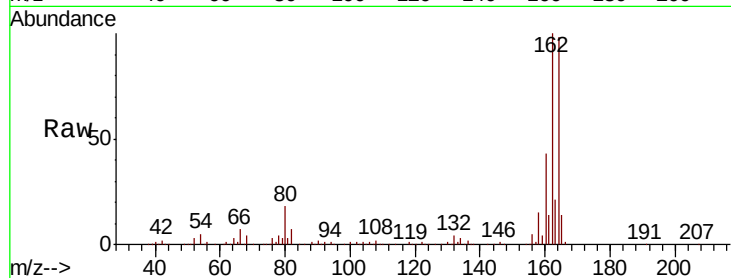
Tot Ion:164 Resp: 245998

Ion Ratio Lower Upper

164 100

162 102.5 80.6 121.0

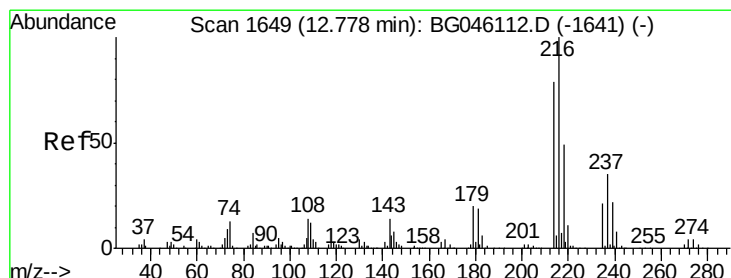
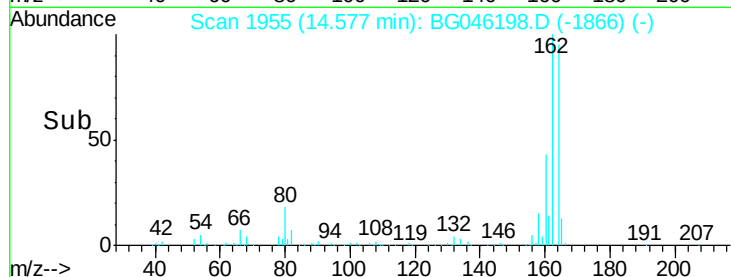
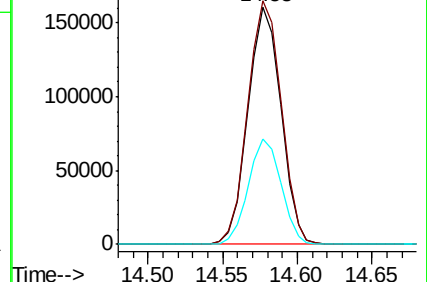
160 44.2 34.9 52.3



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: 35.826 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion:216 Resp: 317538

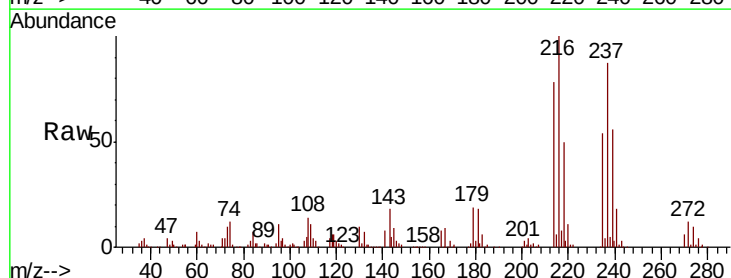
Ion Ratio Lower Upper

216 100

214 77.4 62.7 94.1

179 18.6 15.0 22.6

108 15.5 11.6 17.4

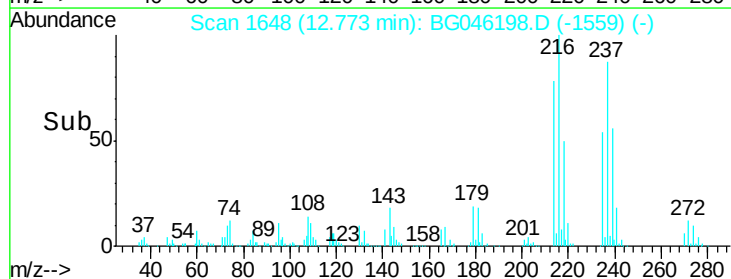
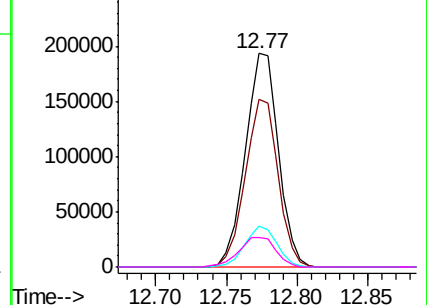


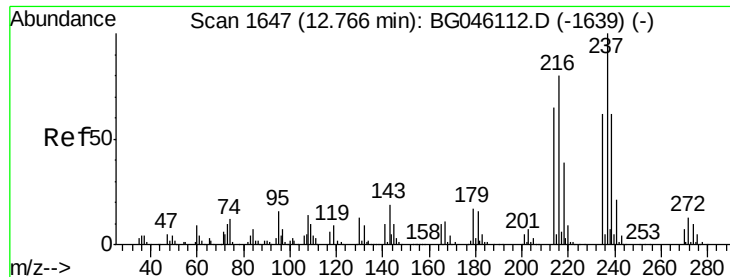
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.548 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

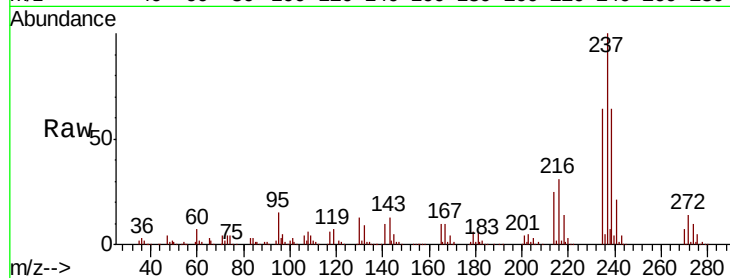
Tot Ion:237 Resp: 424756

Ion Ratio Lower Upper

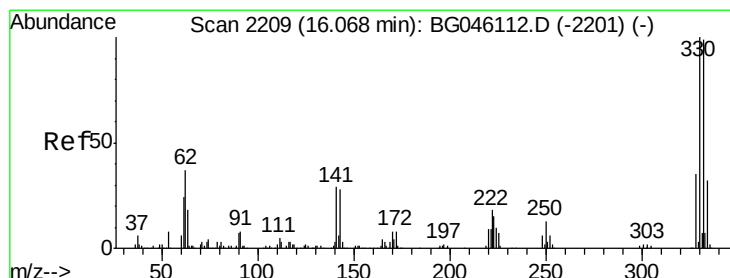
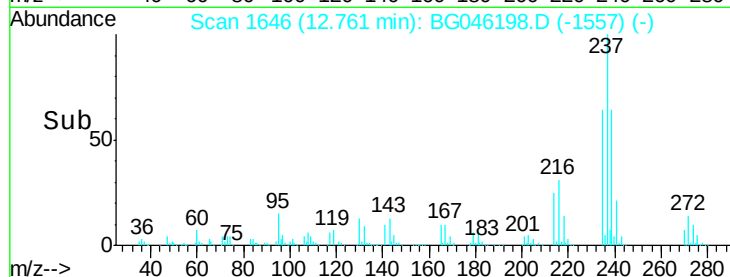
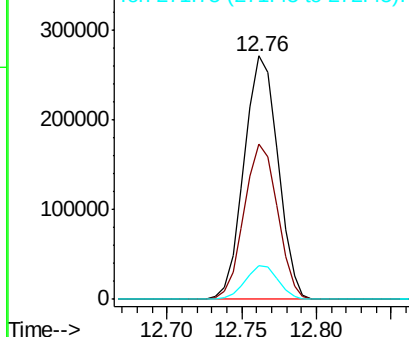
237 100

235 63.7 42.3 82.3

272 13.8 0.0 32.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.128 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

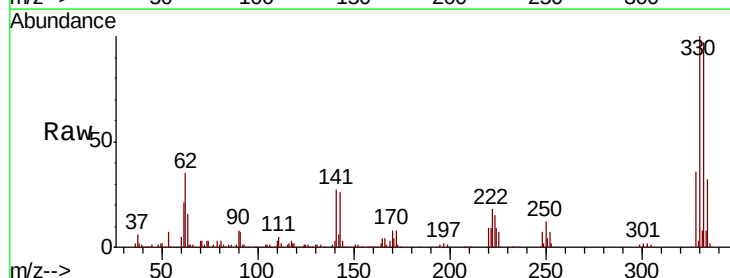
Tgt Ion:330 Resp: 506801

Ion Ratio Lower Upper

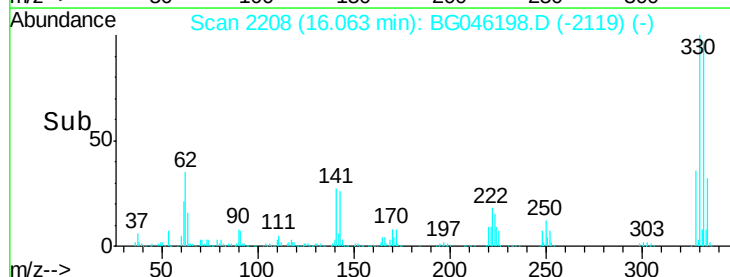
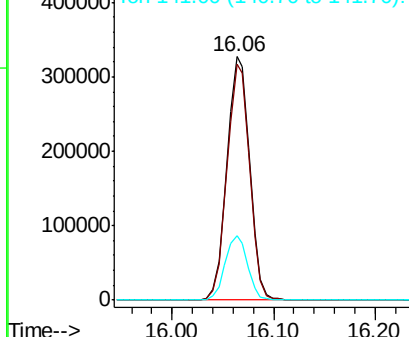
330 100

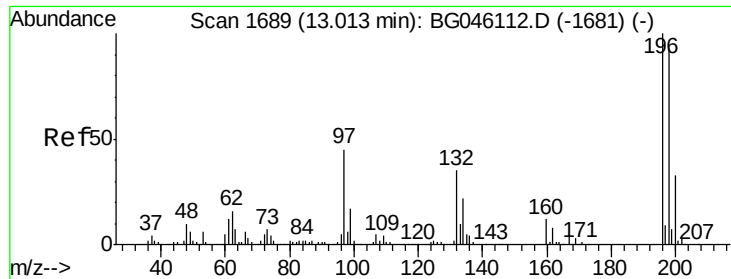
332 96.3 77.4 116.2

141 26.2 23.4 35.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

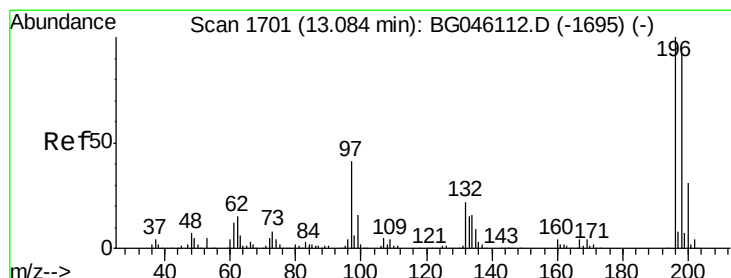
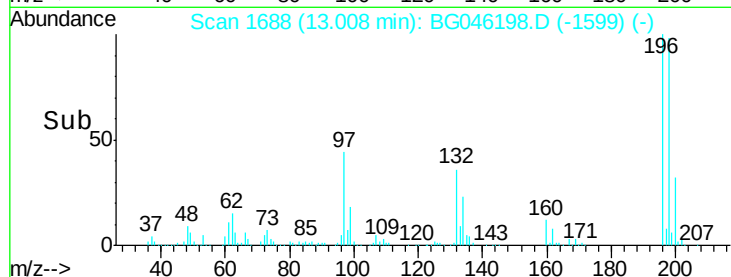
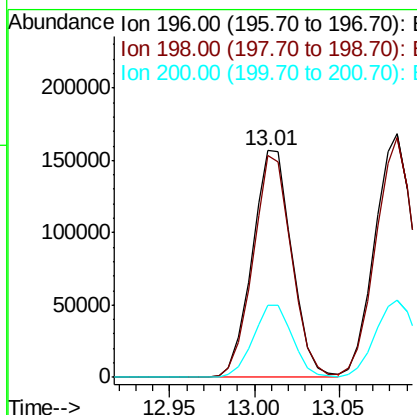
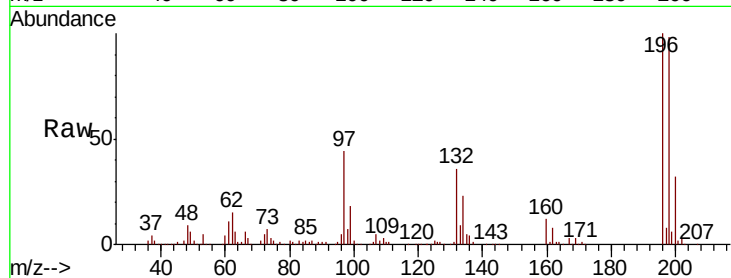




#43
 2,4,6-Trichlorophenol
 Concen: 45.131 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

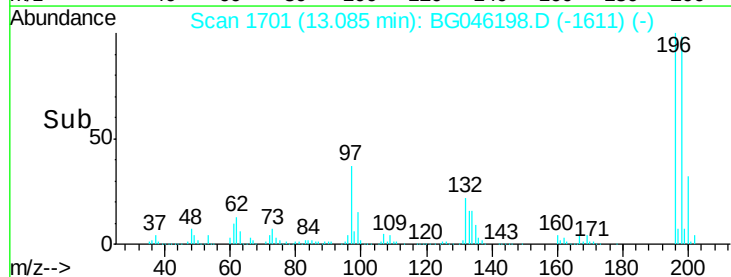
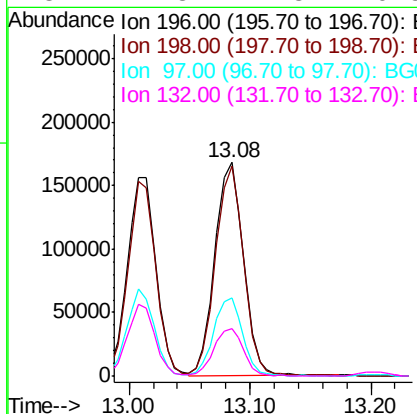
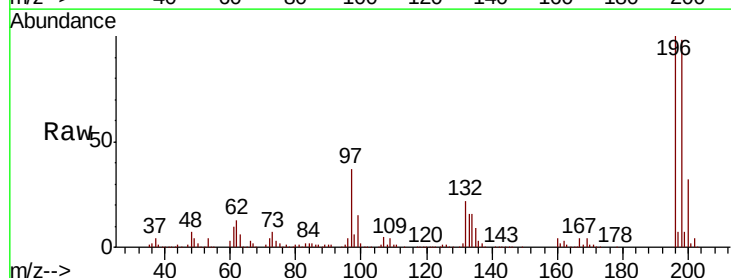
Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

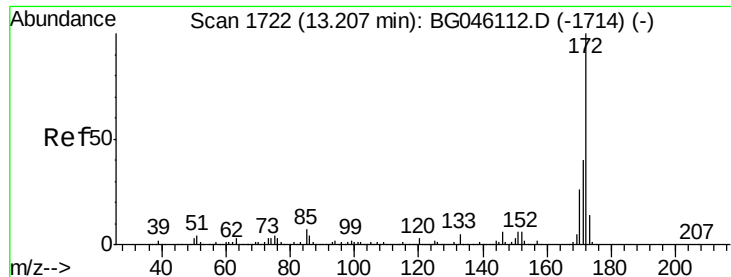
Tot Ion:196 Resp: 255205
 Ion Ratio Lower Upper
 196 100
 198 97.6 74.2 111.4
 200 31.9 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.535 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion:196 Resp: 274780
 Ion Ratio Lower Upper
 196 100
 198 98.3 73.9 110.9
 97 36.6 32.7 49.1
 132 22.3 17.8 26.8

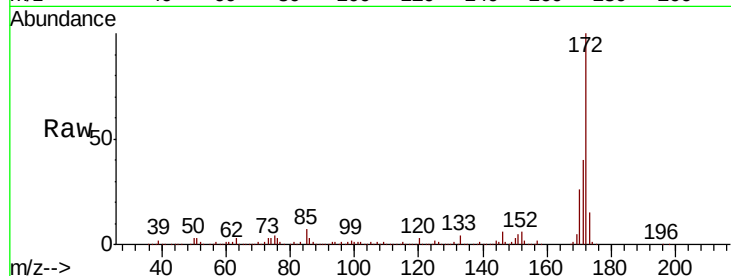




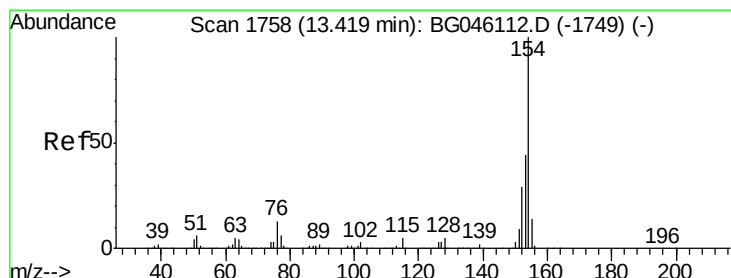
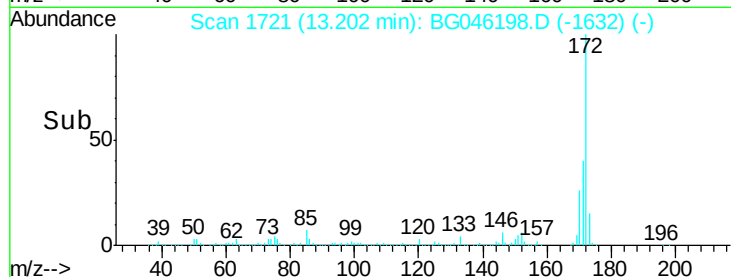
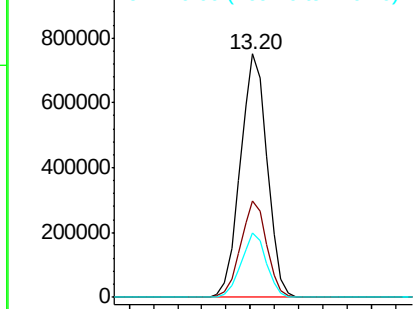
#45
2-Fluorobiphenyl
Concen: 68.539 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion:172 Resp: 1160691
Ion Ratio Lower Upper
172 100
171 39.6 31.7 47.5
170 26.3 20.9 31.3

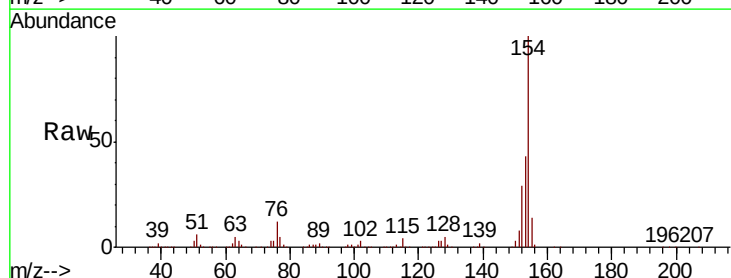


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

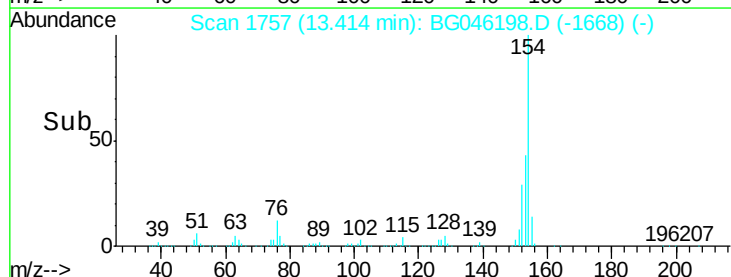
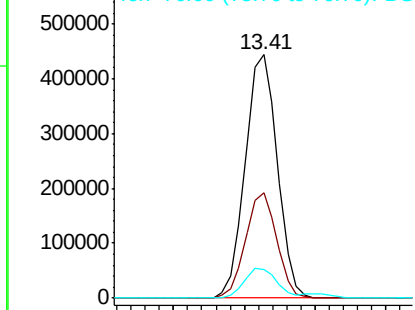


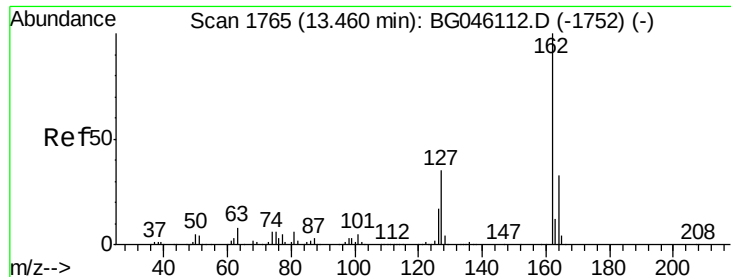
#46
1,1'-Biphenyl
Concen: 36.573 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:154 Resp: 705784
Ion Ratio Lower Upper
154 100
153 43.1 23.7 63.7
76 11.9 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

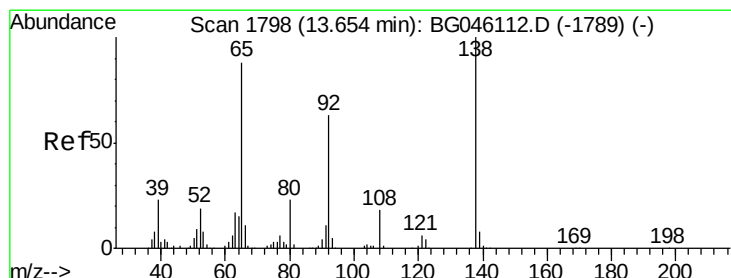
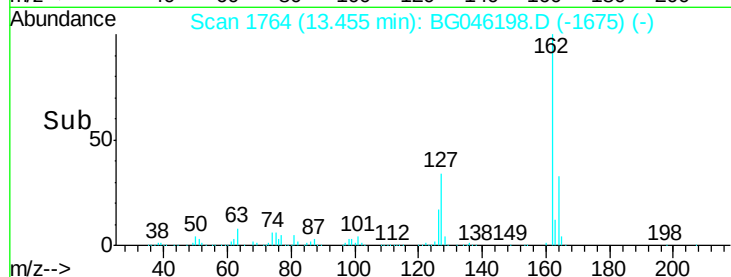
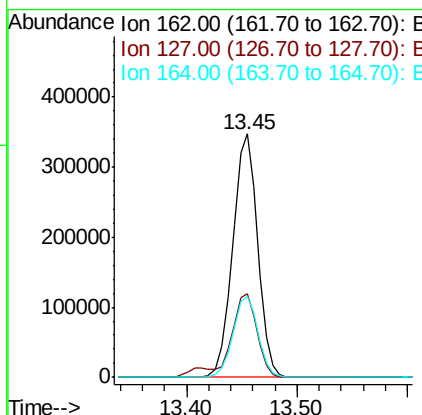
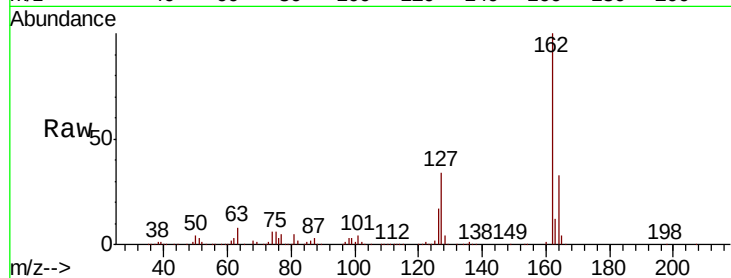




#47
2-Chloronaphthalene
Concen: 35.662 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

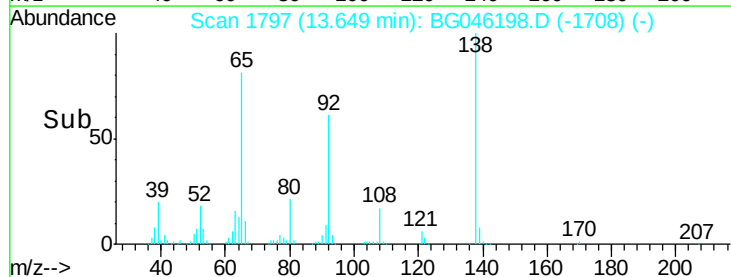
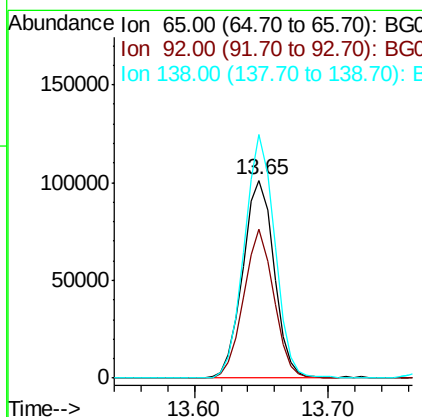
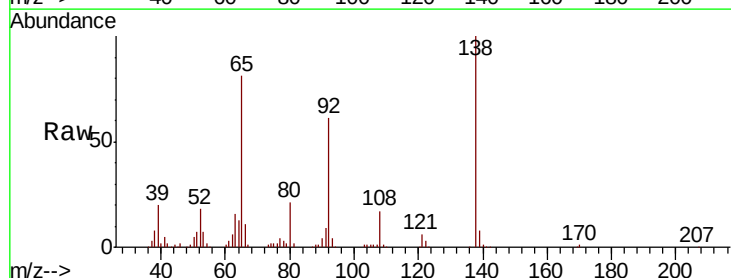
Instrument :
BNA_G
ClientSampleId :
PB130810BS

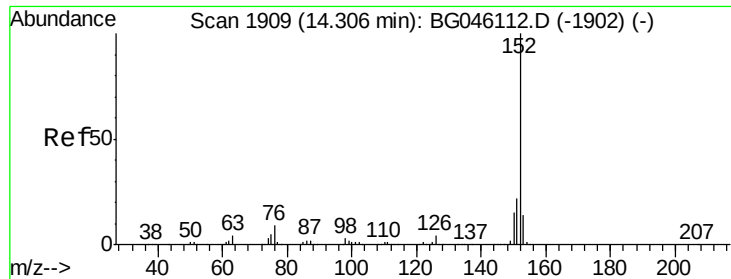
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.2	28.0	42.0
164	33.3	26.5	39.7



#48
2-Nitroaniline
Concen: 40.703 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	57.4	86.2
138	123.3	91.1	136.7





#49

Acenaphthylene

Concen: 37.555 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

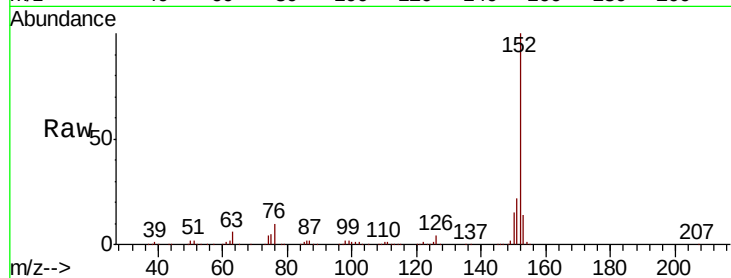
Tot Ion:152 Resp: 897678

Ion Ratio Lower Upper

152 100

151 22.0 17.4 26.2

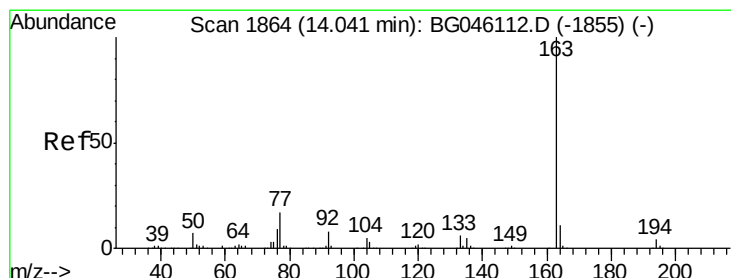
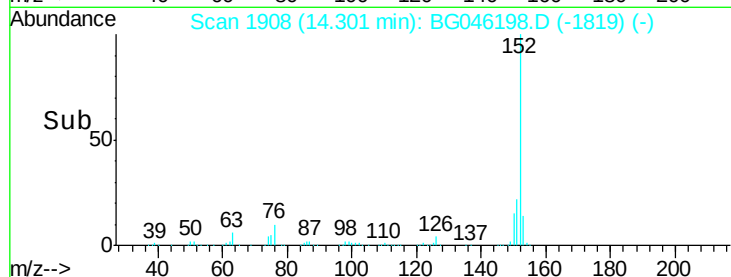
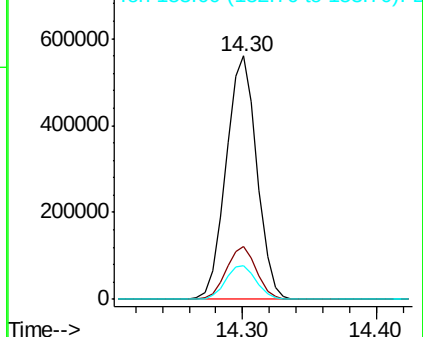
153 13.8 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.502 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

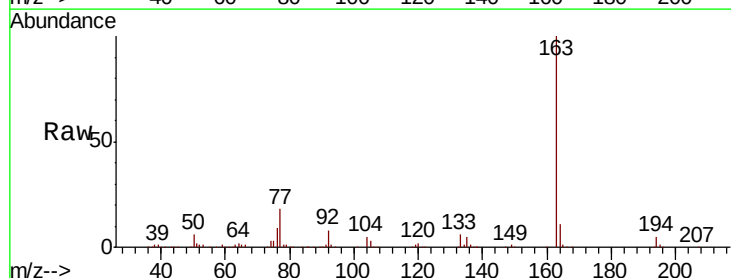
Tgt Ion:163 Resp: 745834

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

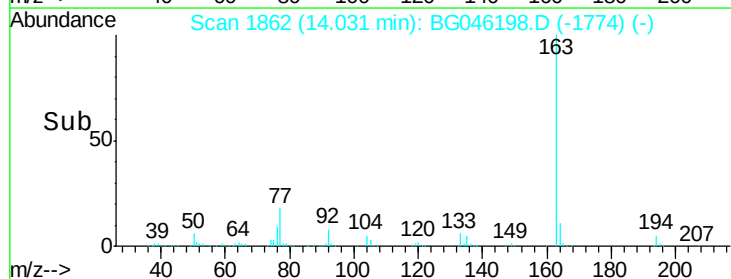
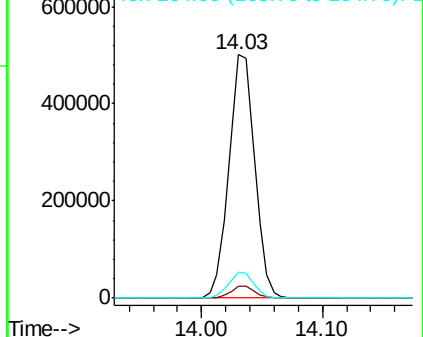
164 10.7 8.8 13.2

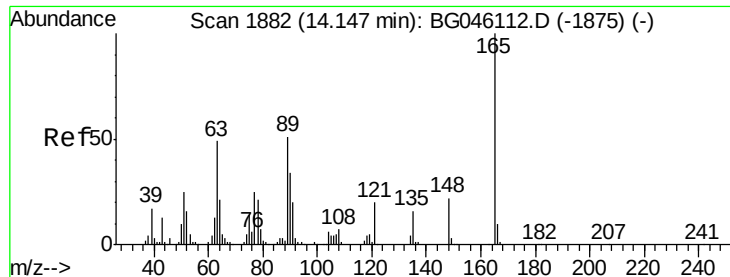


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

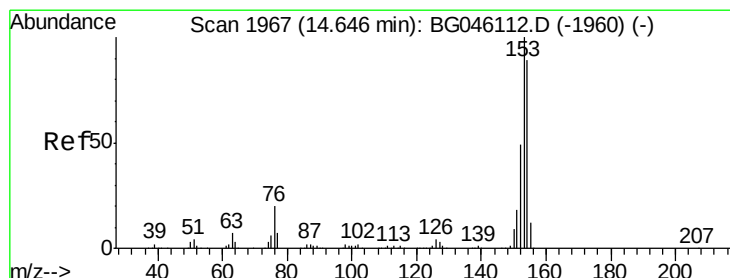
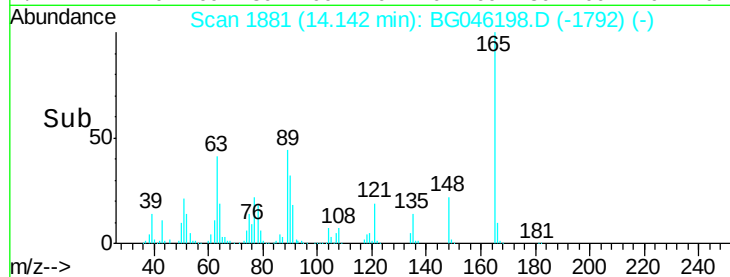
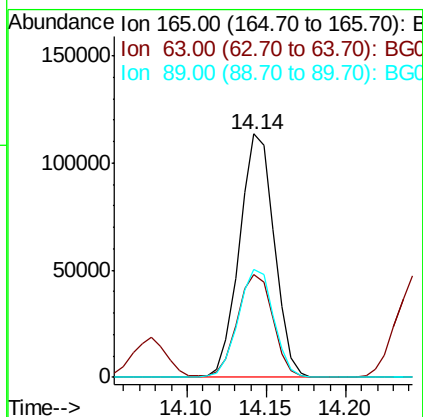
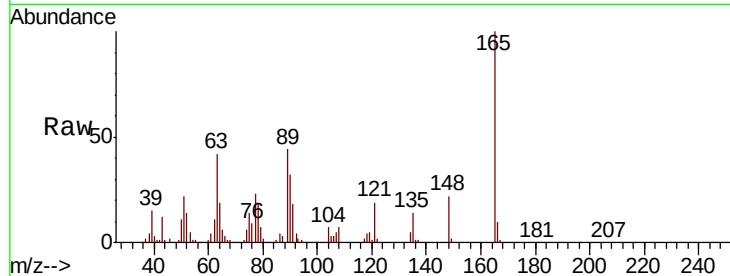




#51
 2,6-Dinitrotoluene
 Concen: 39.349 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

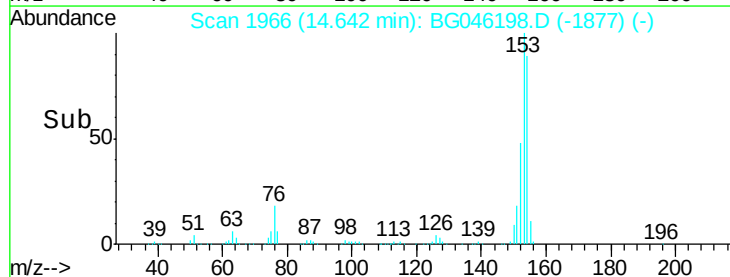
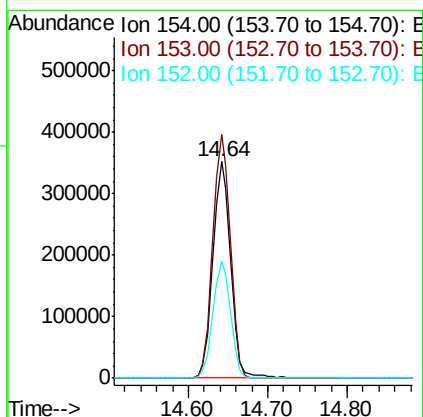
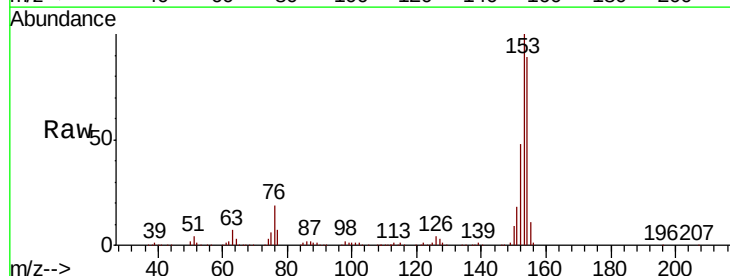
Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

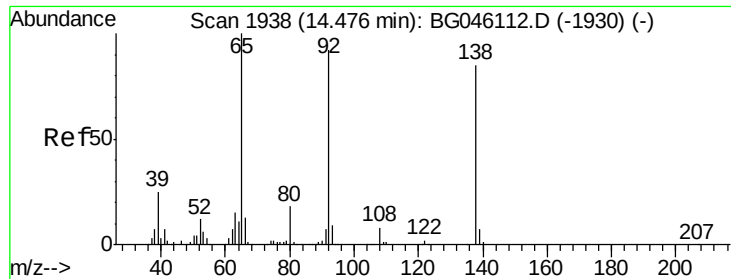
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	39.7	59.5
89	44.5	41.0	61.6



#52
 Acenaphthene
 Concen: 34.861 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.8	134.8
152	54.3	44.5	66.7





#53

3-Nitroaniline

Concen: 33.108 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

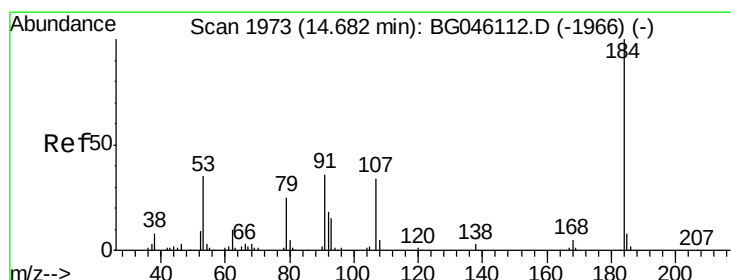
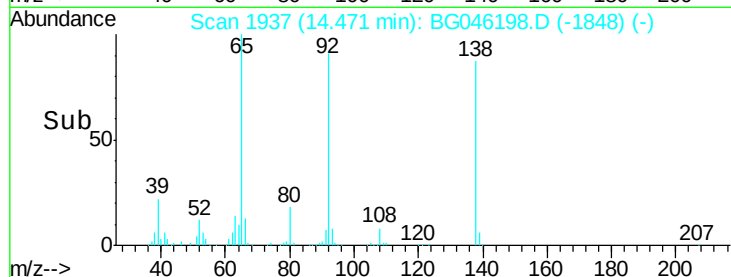
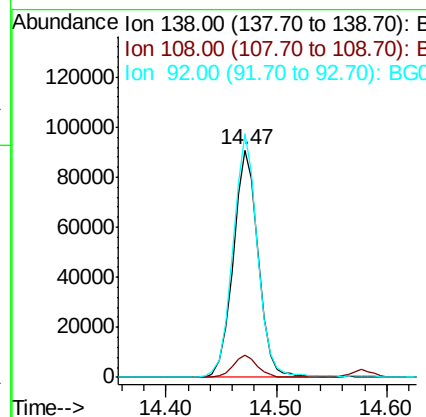
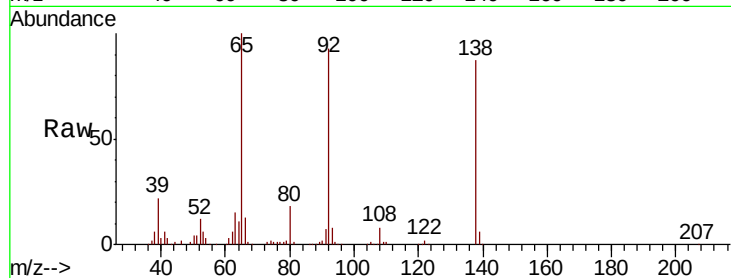
Tot Ion:138 Resp: 144228

Ion Ratio Lower Upper

138 100

108 9.5 7.2 10.8

92 107.1 87.5 131.3



#54

2,4-Dinitrophenol

Concen: 15.390 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

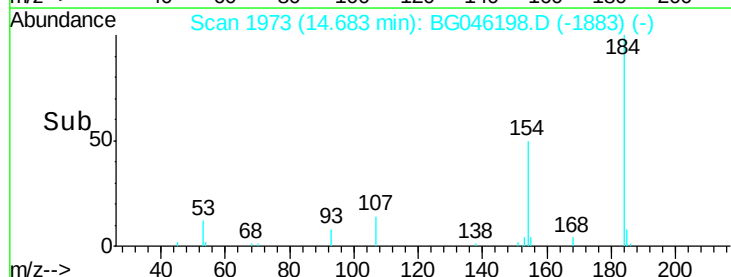
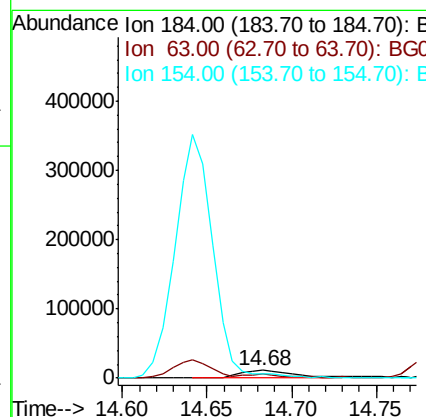
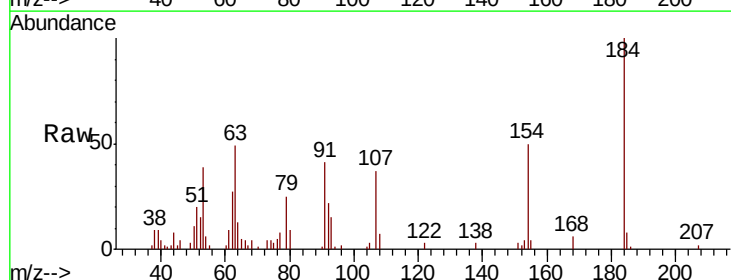
Tgt Ion:184 Resp: 25417

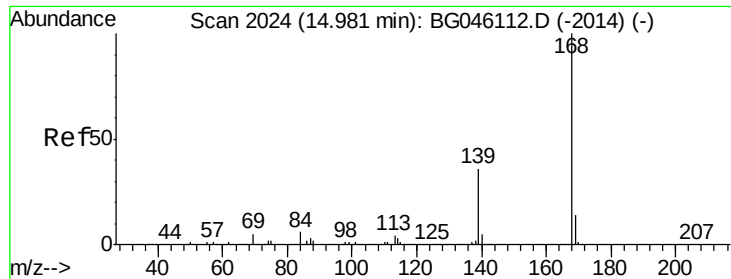
Ion Ratio Lower Upper

184 100

63 49.1 36.7 55.1

154 49.7 41.3 61.9

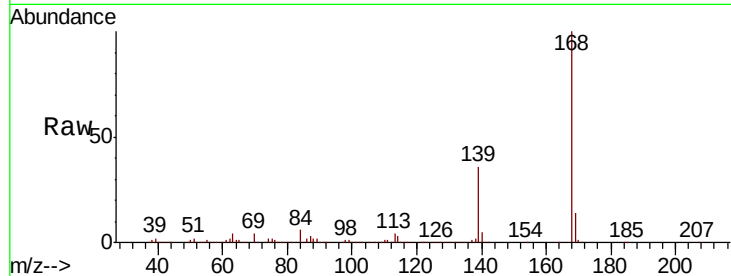




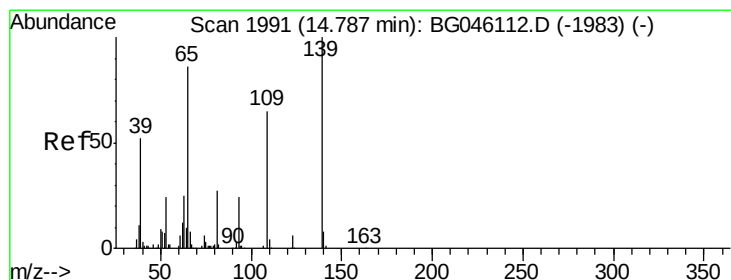
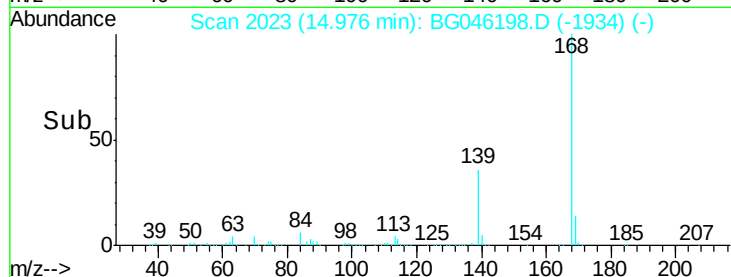
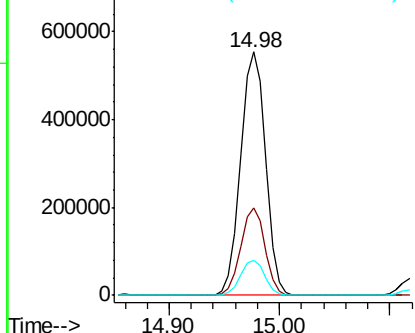
#55
Dibenzenofuran
Concen: 36.938 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion:168 Resp: 879266
Ion Ratio Lower Upper
168 100
139 35.9 29.0 43.4
169 14.4 11.3 16.9

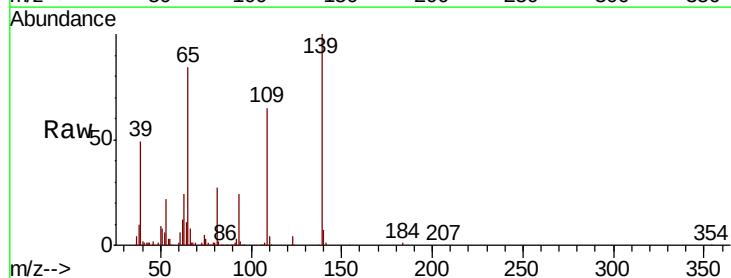


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

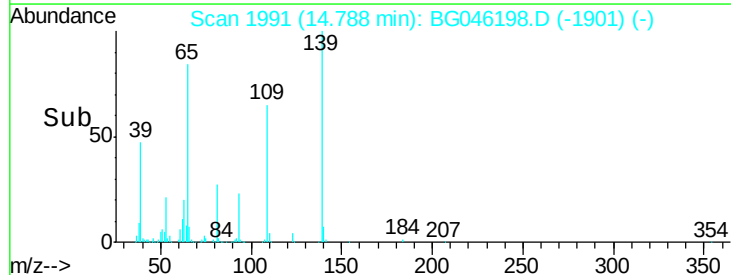
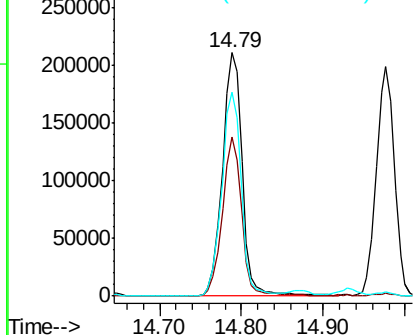


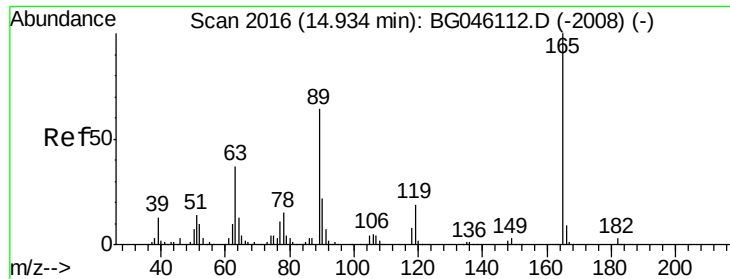
#56
4-Nitrophenol
Concen: 94.343 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:139 Resp: 356821
Ion Ratio Lower Upper
139 100
109 65.4 45.1 85.1
65 83.8 66.4 106.4



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

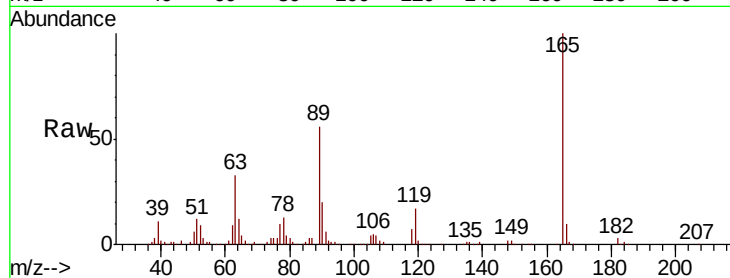




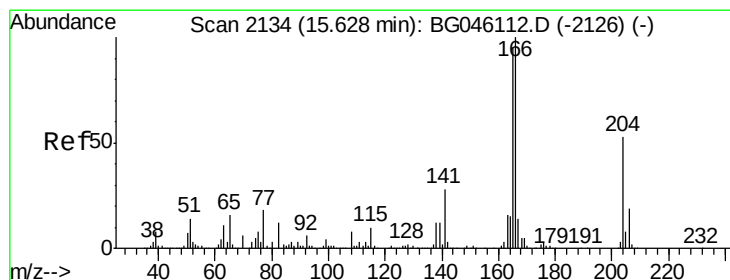
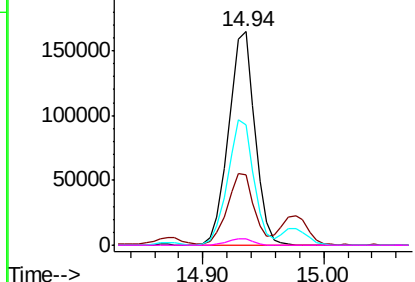
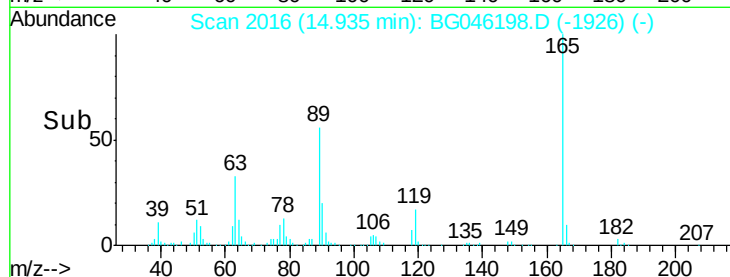
#57
2,4-Dinitrotoluene
Concen: 41.312 ng
RT: 14.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion:165 Resp: 249588
Ion Ratio Lower Upper
165 100
63 32.8 30.1 45.1
89 56.0 51.4 77.2
182 3.1 2.3 3.5

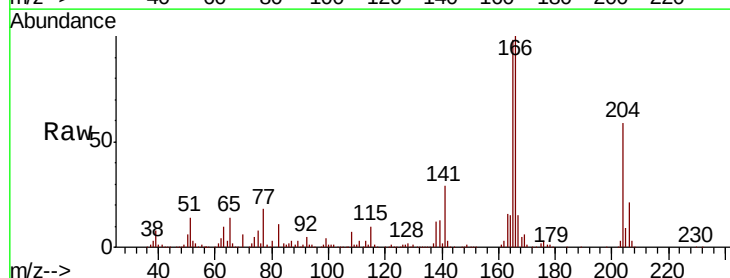


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

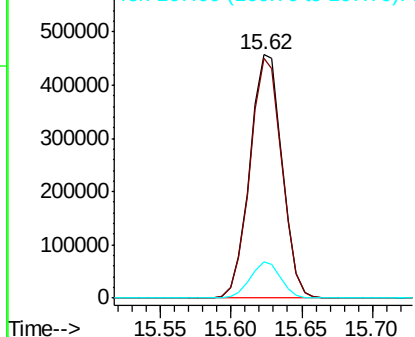
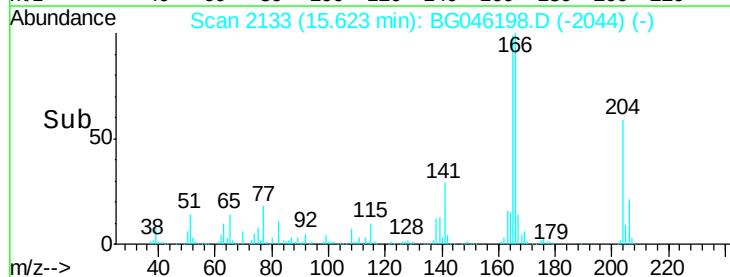


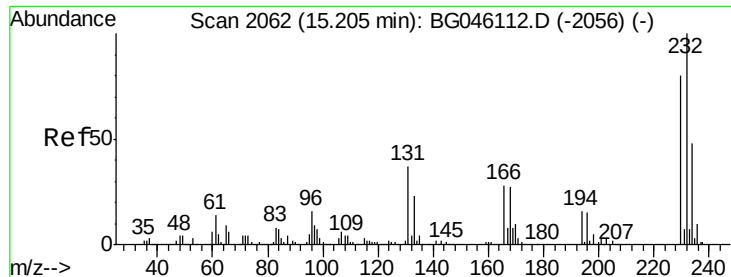
#58
Fluorene
Concen: 38.053 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:166 Resp: 733567
Ion Ratio Lower Upper
166 100
165 98.3 76.3 114.5
167 14.7 11.0 16.6



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

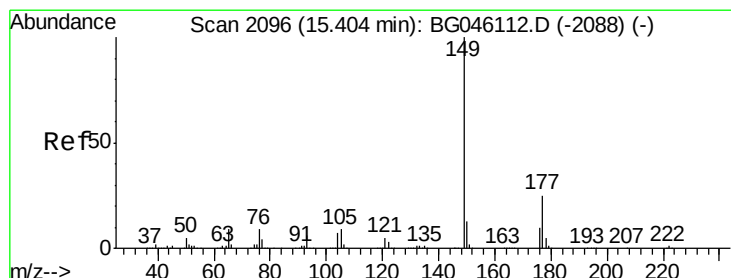
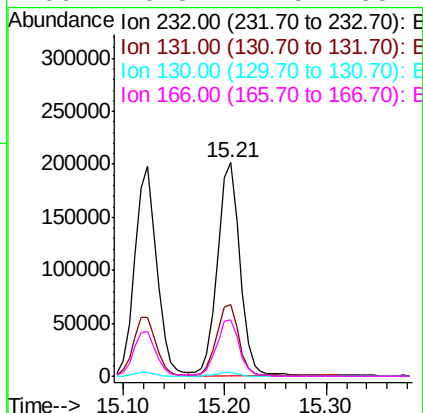
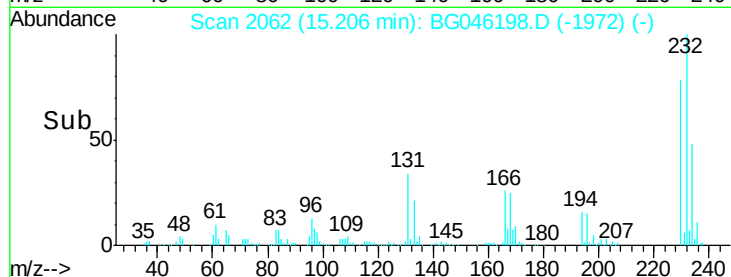
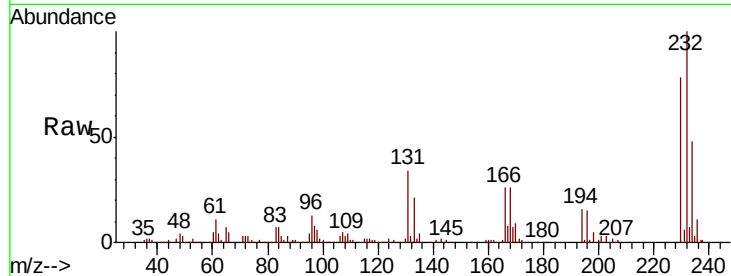




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.456 ng
 RT: 15.21 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

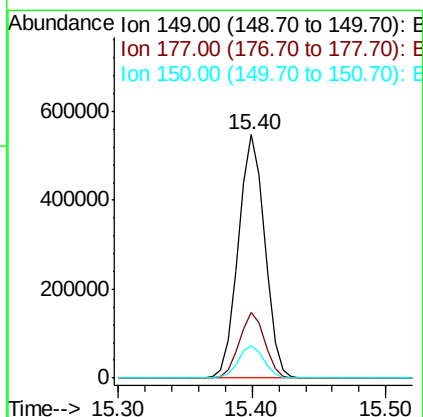
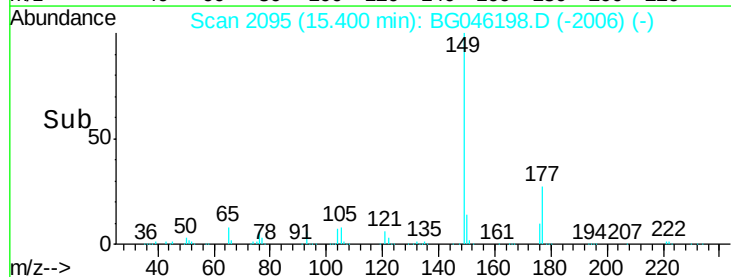
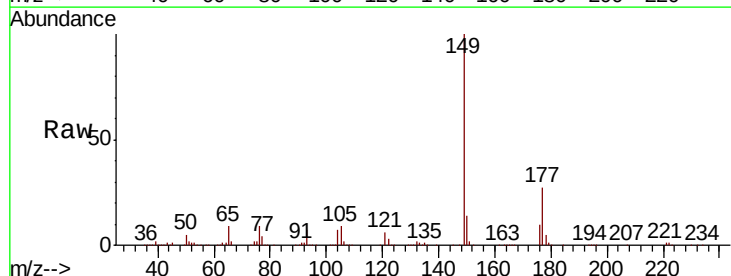
Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

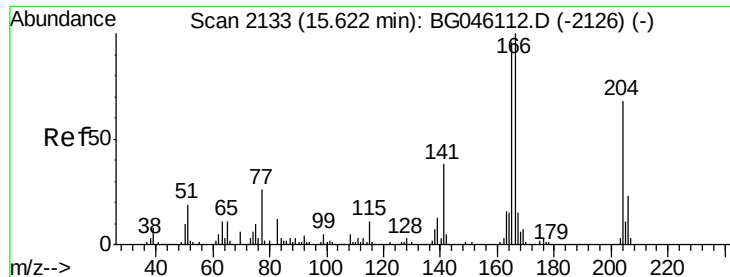
Tot Ion:	232	Resp:	310664
Ion	Ratio	Lower	Upper
232	100		
131	33.0	28.6	42.8
130	1.8	1.6	2.4
166	26.3	22.5	33.7



#60
 Diethylphthalate
 Concen: 40.444 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion:	149	Resp:	751188
Ion	Ratio	Lower	Upper
149	100		
177	26.8	19.7	29.5
150	13.5	10.8	16.2

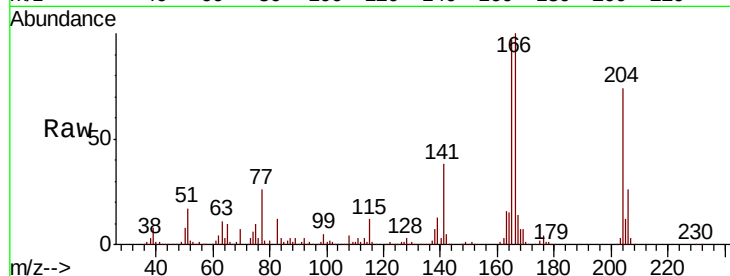




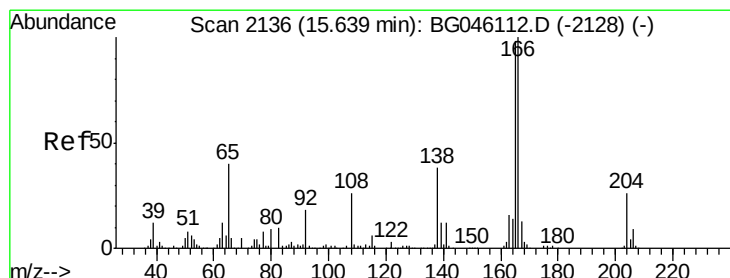
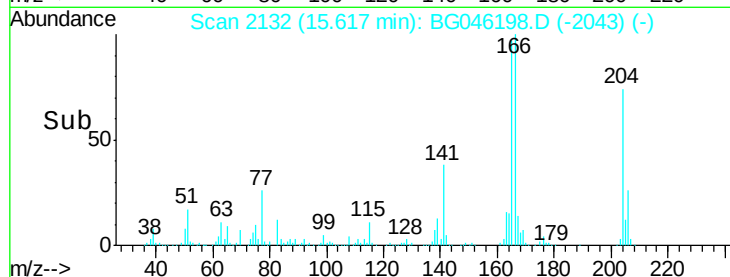
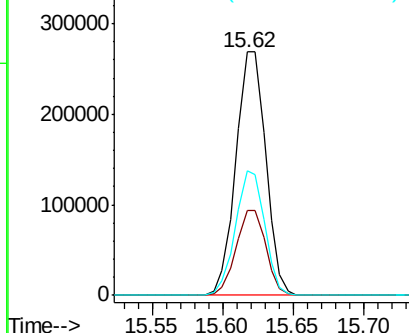
#61
 4-Chlorophenyl-phenylether
 Concen: 39.653 ng
 RT: 15.62 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

Tot Ion:204 Resp: 399242
 Ion Ratio Lower Upper
 204 100
 206 34.9 27.7 41.5
 141 51.4 44.7 67.1

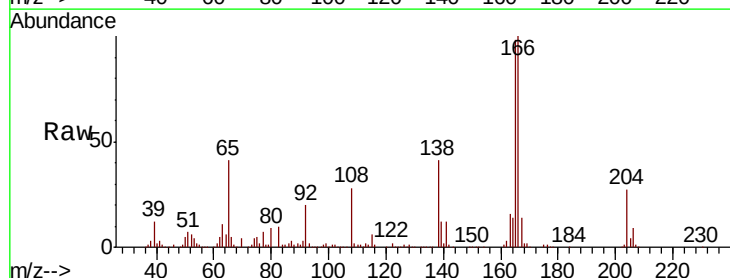


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

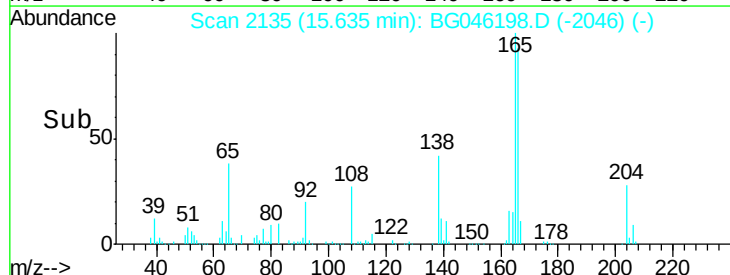
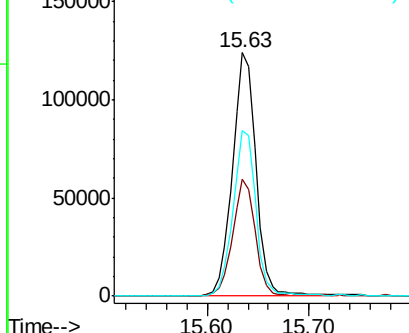


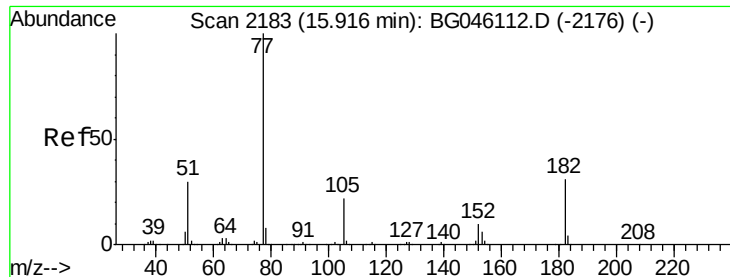
#62
 4-Nitroaniline
 Concen: 45.771 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion:138 Resp: 200533
 Ion Ratio Lower Upper
 138 100
 92 48.1 28.3 68.3
 108 67.8 49.2 89.2



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

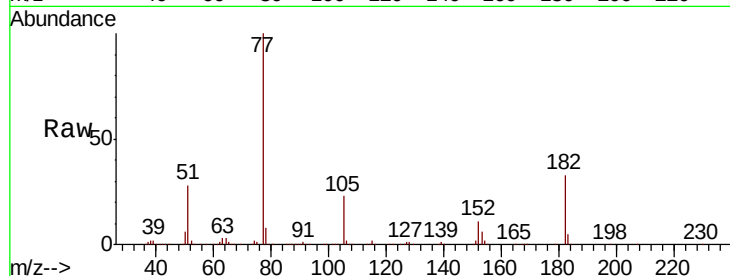




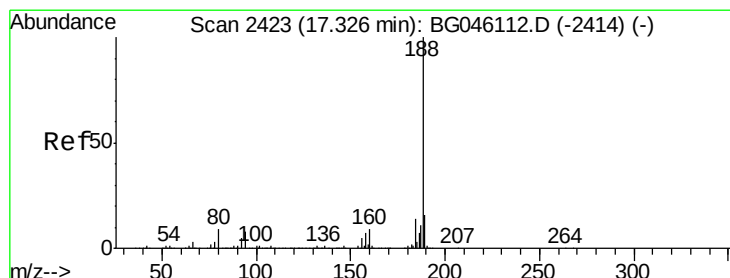
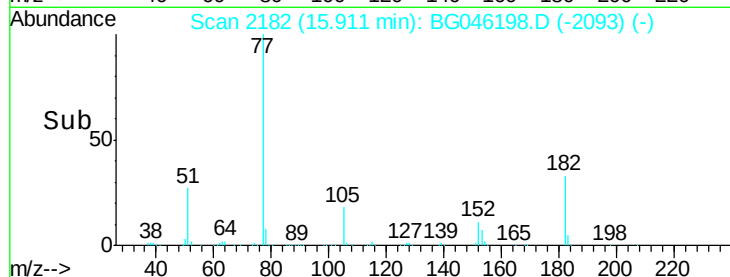
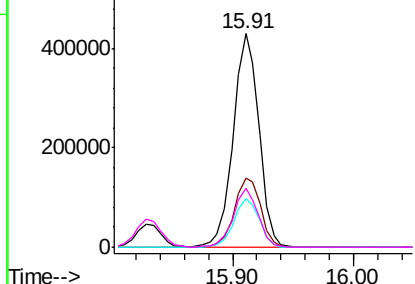
#63
Azobenzene
Concen: 36.365 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion:	77	Resp:	632992
Ion	Ratio	Lower	Upper
77	100		
182	32.7	10.7	50.7
105	22.5	1.9	41.9
51	27.8	9.5	49.5

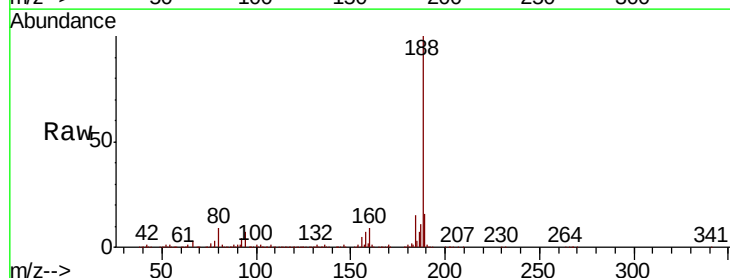


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

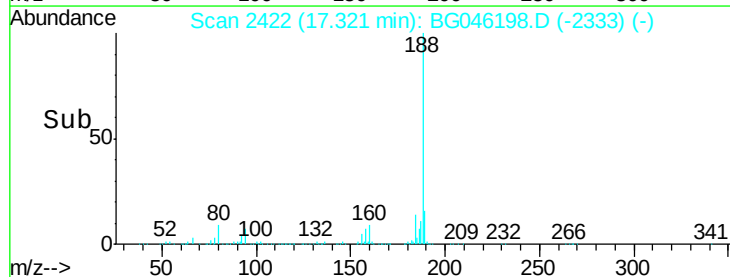
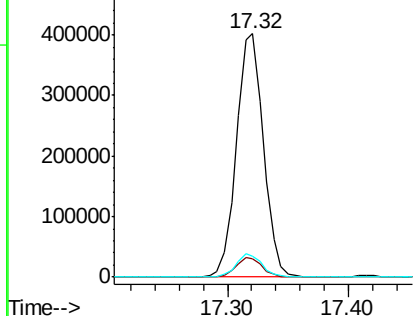


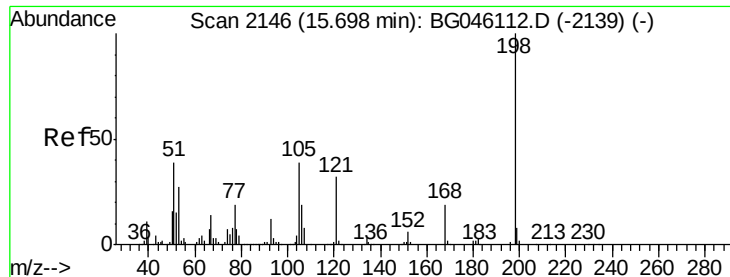
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:	188	Resp:	627023
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.4	9.6
80	8.6	7.4	11.0



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

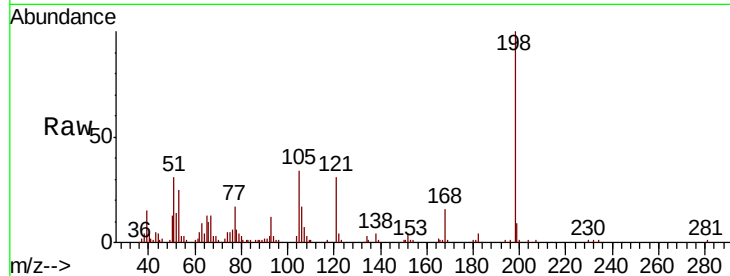




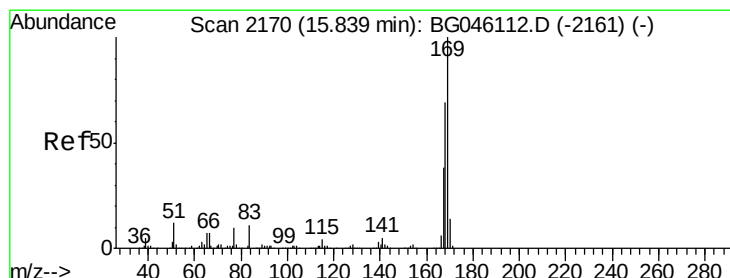
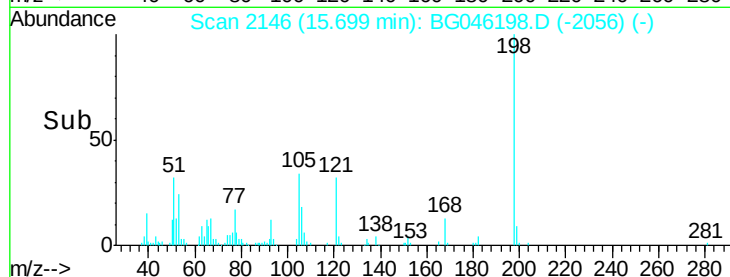
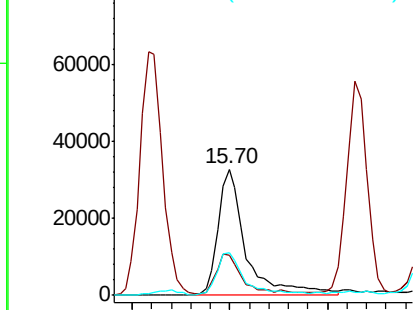
#65
4,6-Dinitro-2-methylphenol
Concen: 15.610 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion:198 Resp: 64730
Ion Ratio Lower Upper
198 100
51 31.4 20.1 60.1
105 34.2 19.2 59.2

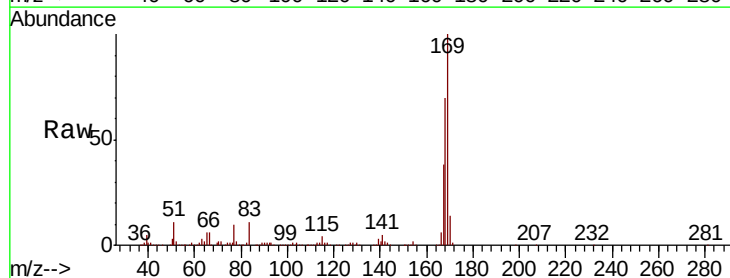


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

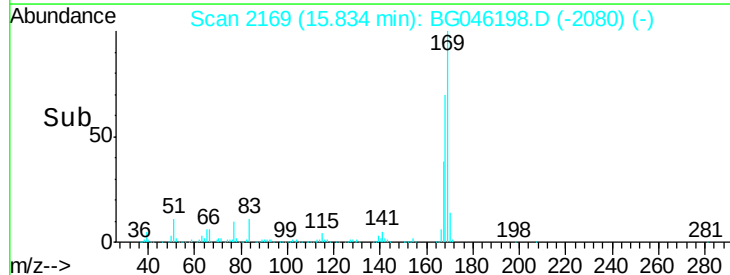
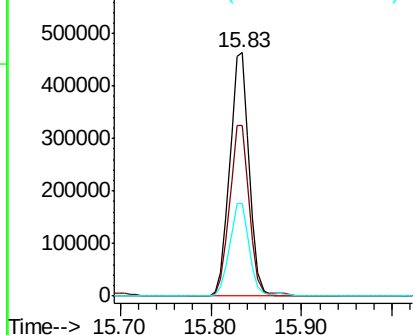


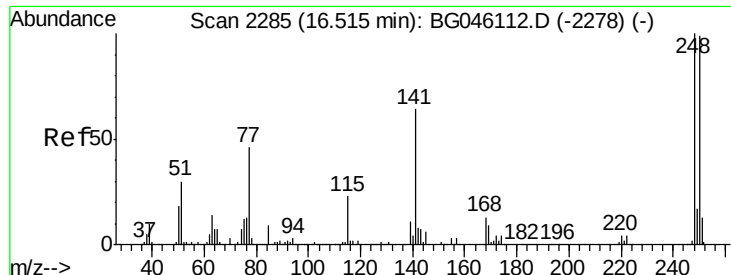
#66
n-Nitrosodiphenylamine
Concen: 36.292 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:169 Resp: 688832
Ion Ratio Lower Upper
169 100
168 69.9 55.1 82.7
167 38.3 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

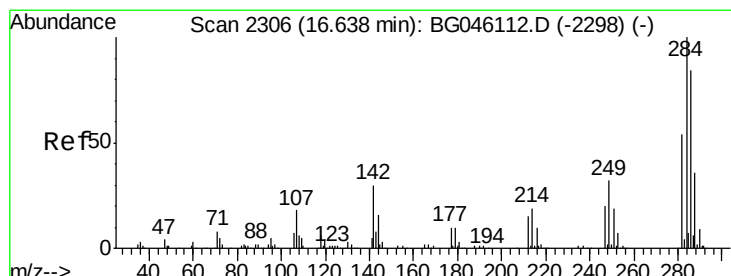
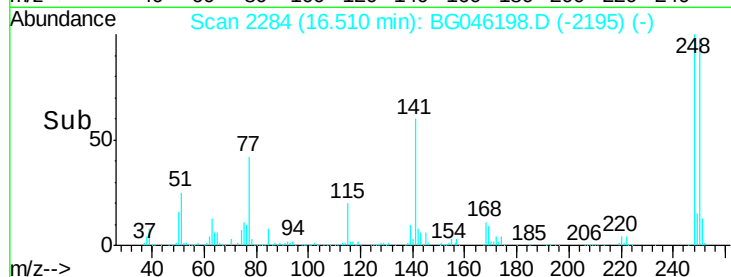
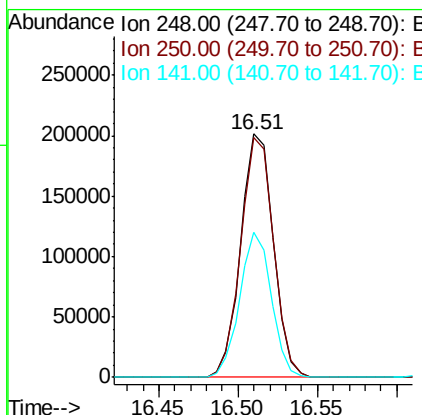
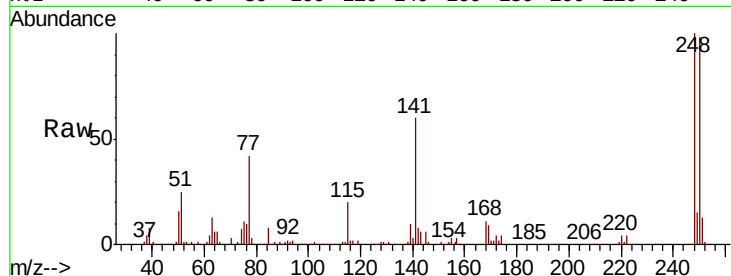




#67
 4-Bromophenyl-phenylether
 Concen: 37.241 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

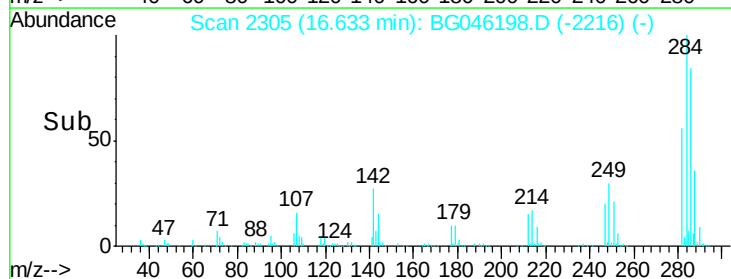
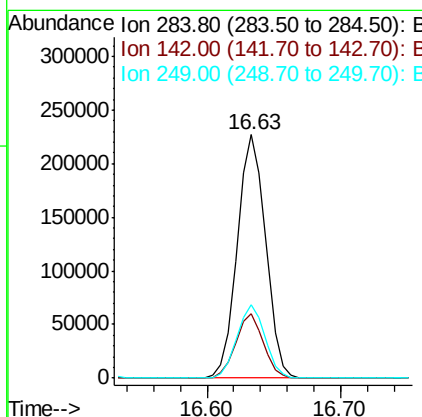
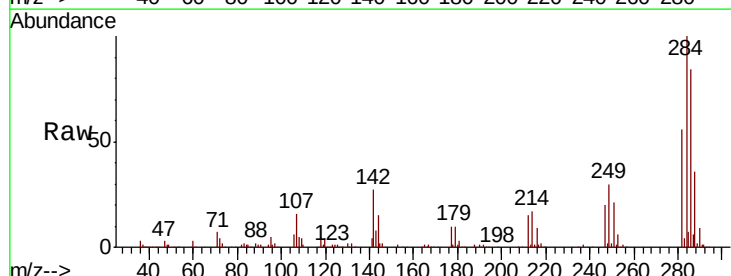
Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

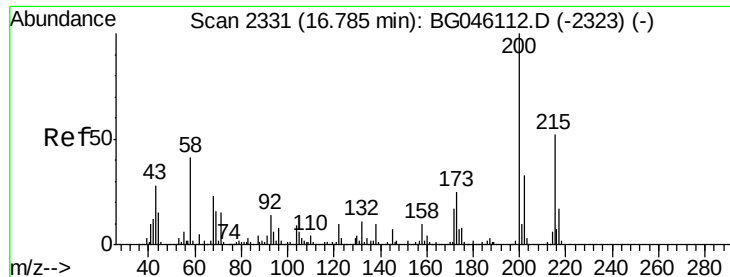
Tot Ion:248 Resp: 288480
 Ion Ratio Lower Upper
 248 100
 250 98.4 79.4 119.0
 141 59.6 50.9 76.3



#68
 Hexachlorobenzene
 Concen: 38.315 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion:284 Resp: 332806
 Ion Ratio Lower Upper
 284 100
 142 26.6 23.6 35.4
 249 30.2 25.3 37.9





#69

Atrazine

Concen: 37.466 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampled :

PB130810BS

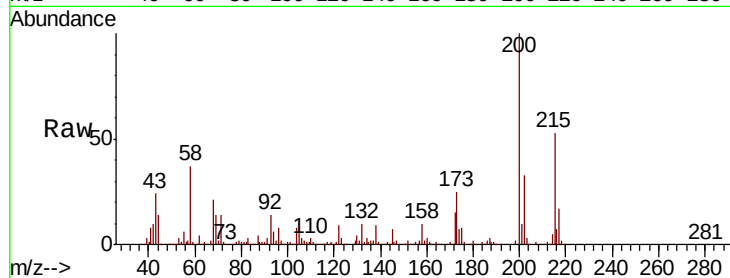
Tot Ion:200 Resp: 273822

Ion Ratio Lower Upper

200 100

173 24.8 5.3 45.3

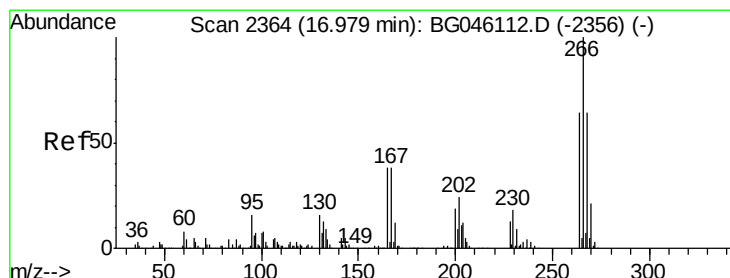
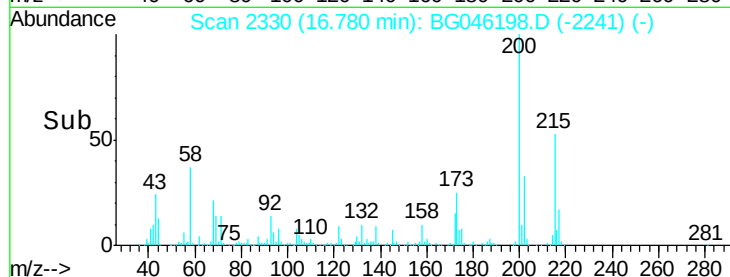
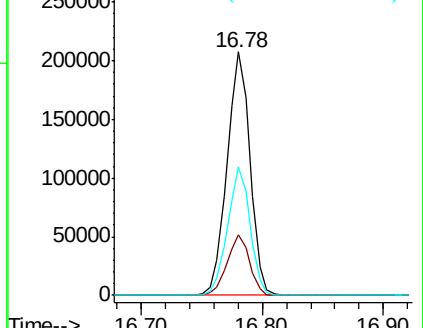
215 52.5 31.5 71.5



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: 56.236 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

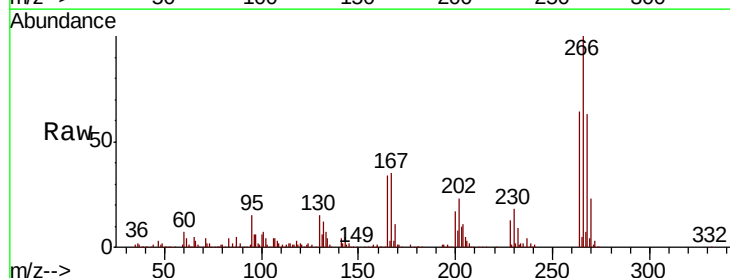
Tgt Ion:266 Resp: 316943

Ion Ratio Lower Upper

266 100

268 62.9 51.2 76.8

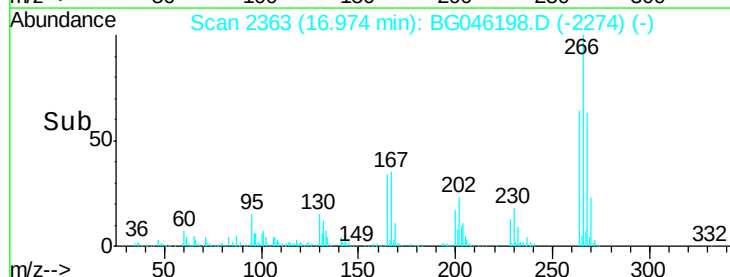
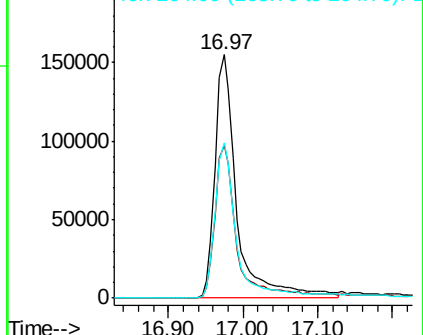
264 63.7 51.1 76.7

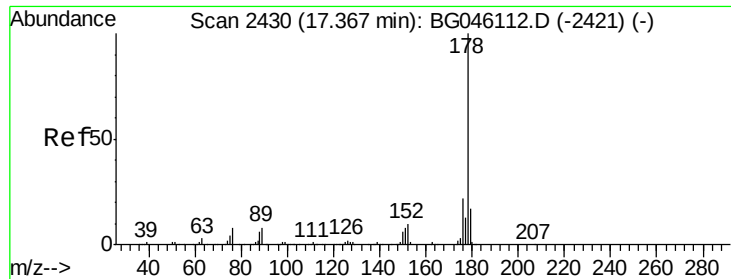


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

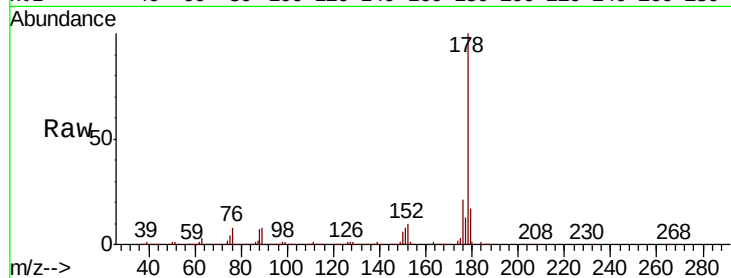




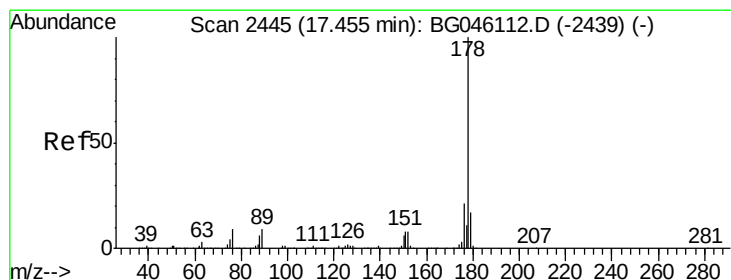
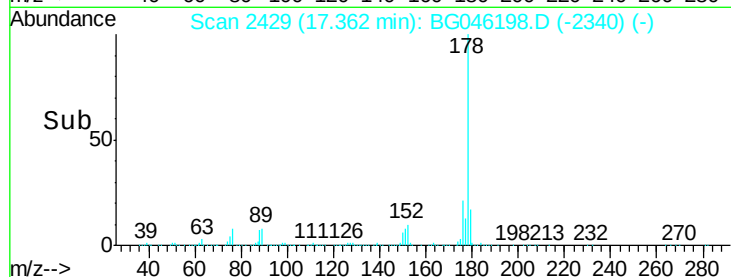
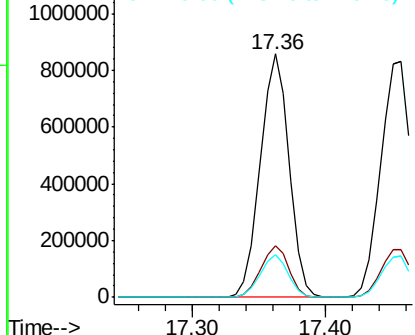
#71
Phenanthrene
Concen: 37.018 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Instrument :
BNA_G
ClientSampleId :
PB130810BS

Tot Ion:178 Resp: 1271449
Ion Ratio Lower Upper
178 100
176 21.4 17.3 25.9
179 17.3 13.8 20.6

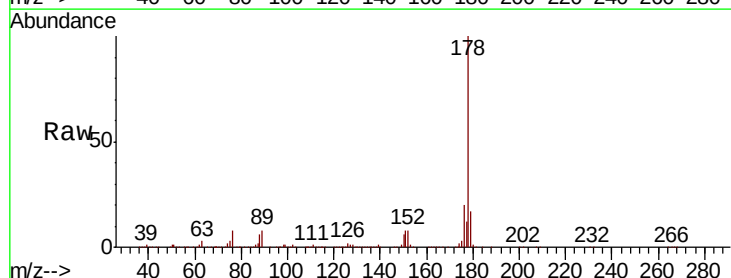


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

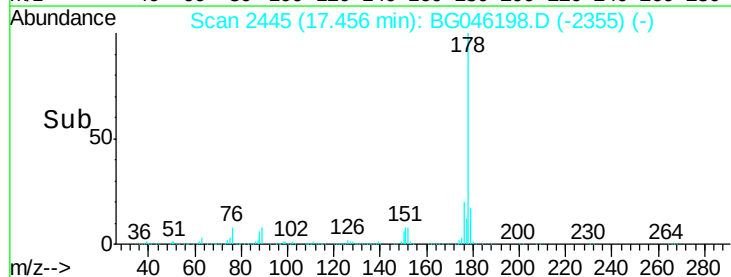
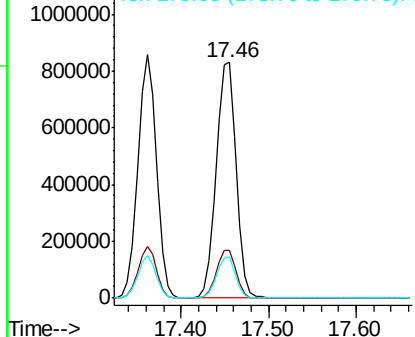


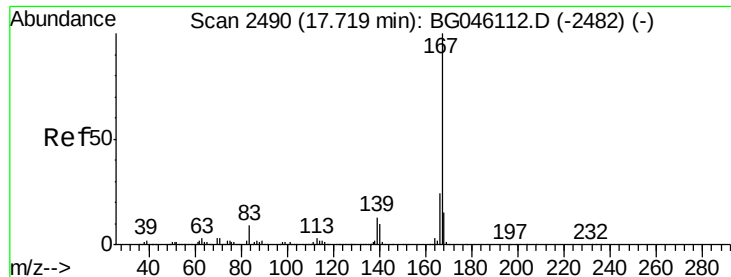
#72
Anthracene
Concen: 38.553 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG046198.D
Acq: 7 Aug 2020 18:15

Tgt Ion:178 Resp: 1317143
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 17.3 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

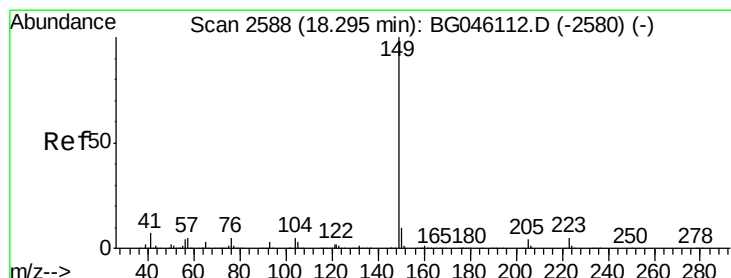
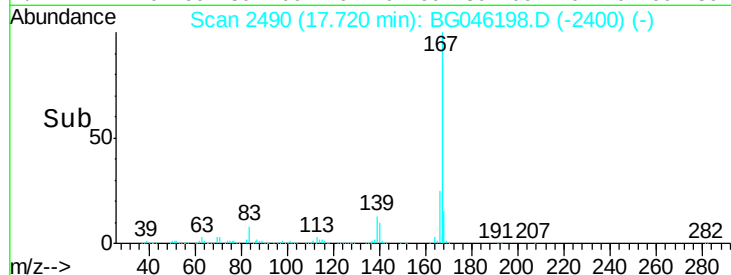
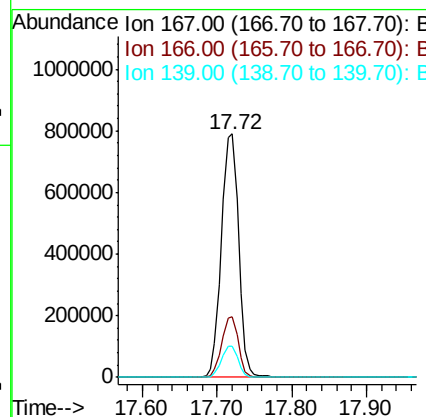
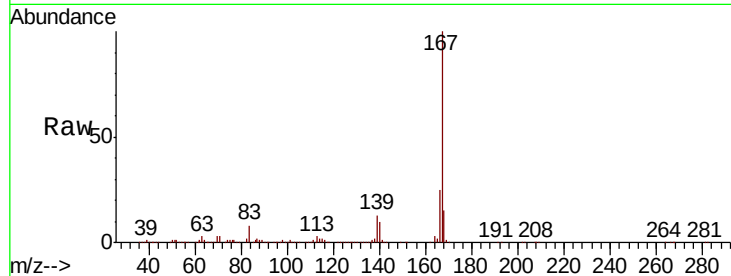




#73
 Carbazole
 Concen: 38.566 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

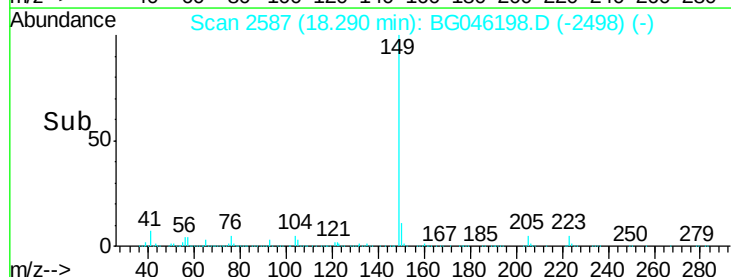
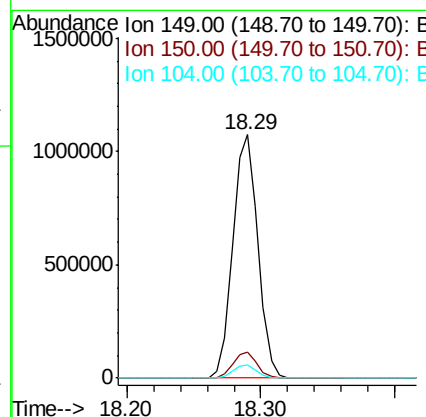
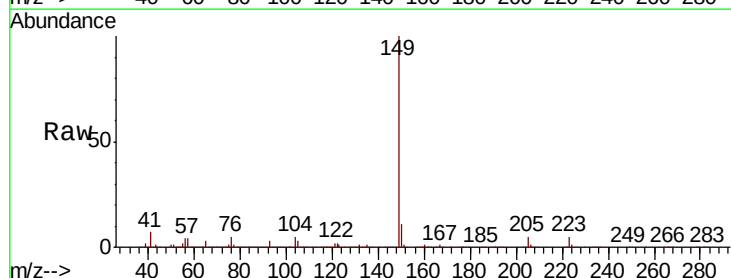
Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

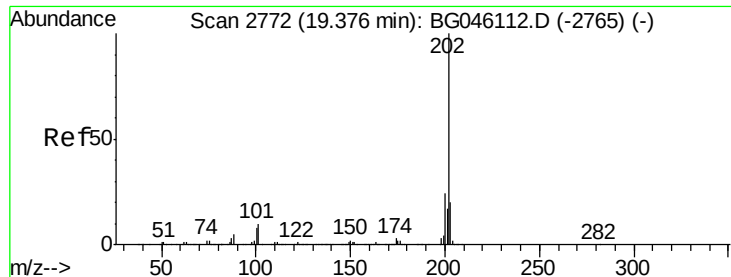
Tot Ion:167 Resp: 1270484
 Ion Ratio Lower Upper
 167 100
 166 24.7 19.4 29.0
 139 12.6 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 40.894 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion:149 Resp: 1408188
 Ion Ratio Lower Upper
 149 100
 150 10.8 8.4 12.6
 104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 39.036 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

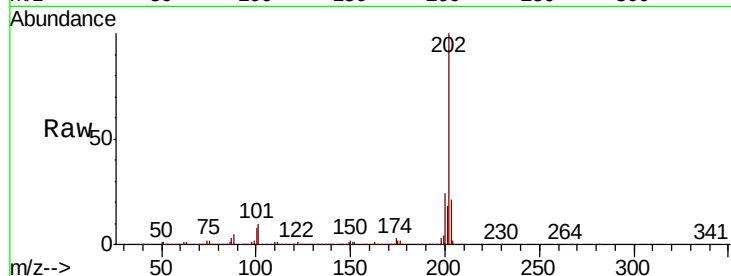
Tot Ion:202 Resp: 1673918

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.0

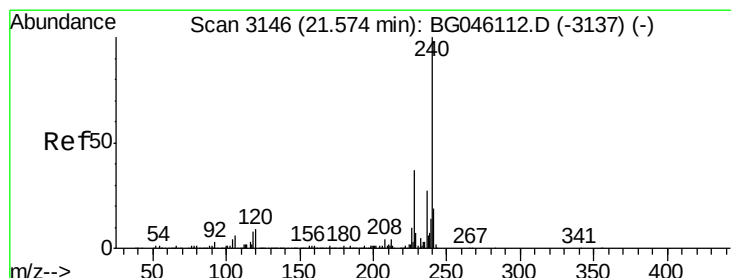
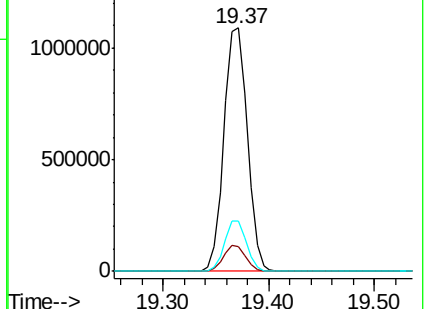
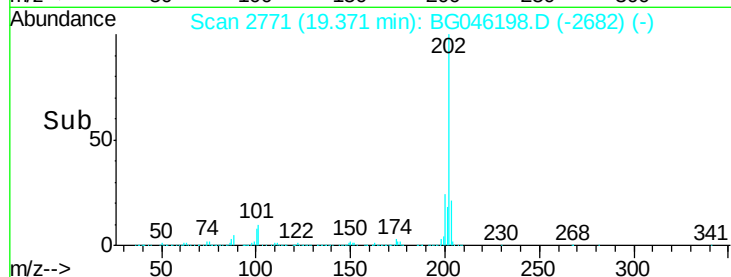
203 20.7 0.2 40.2



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: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

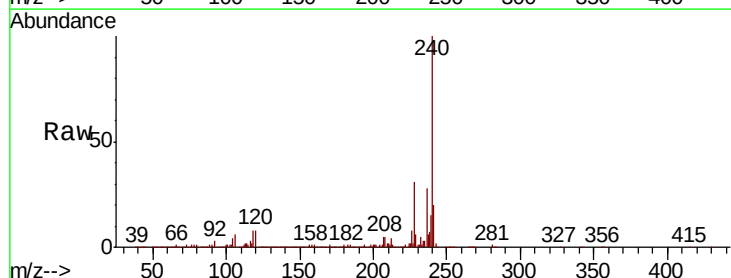
Tgt Ion:240 Resp: 689991

Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

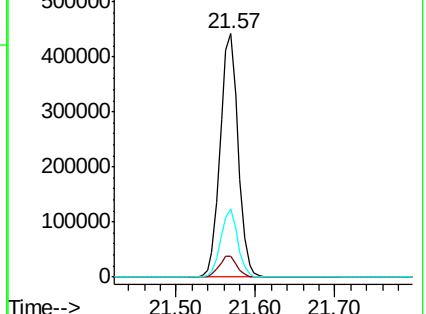
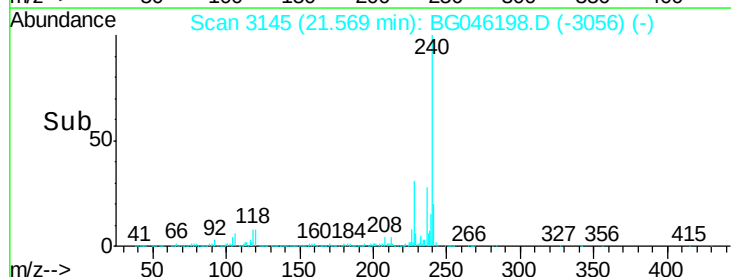
236 28.0 21.7 32.5

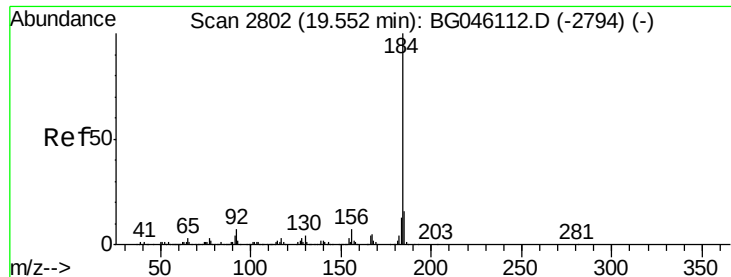


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.245 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

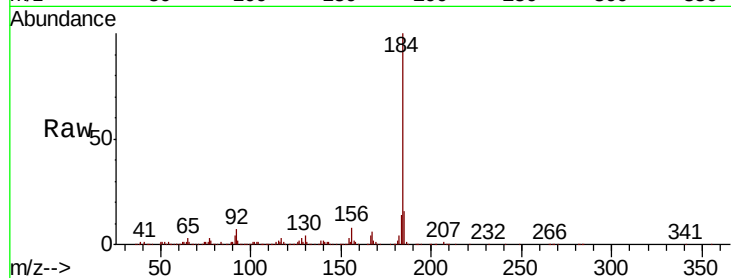
Tot Ion:184 Resp: 1001556

Ion Ratio Lower Upper

184 100

185 16.5 13.0 19.4

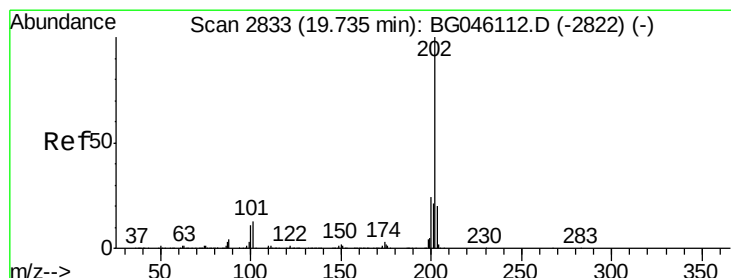
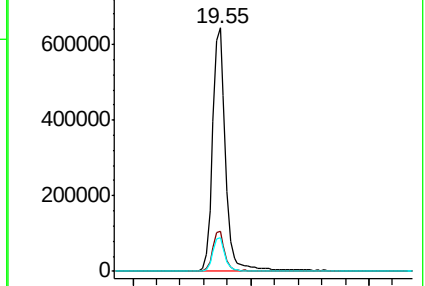
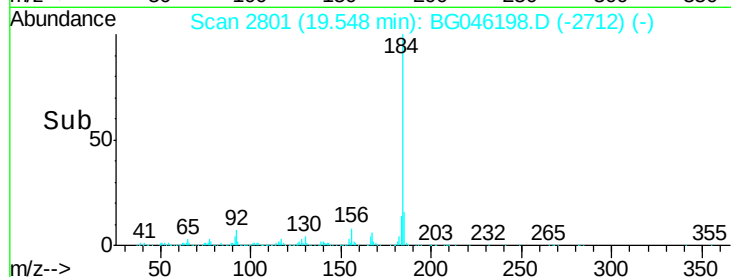
183 13.8 10.5 15.7



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: 36.541 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

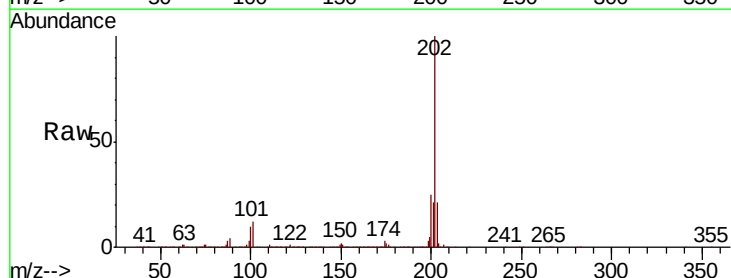
Tgt Ion:202 Resp: 1694065

Ion Ratio Lower Upper

202 100

200 25.0 19.5 29.3

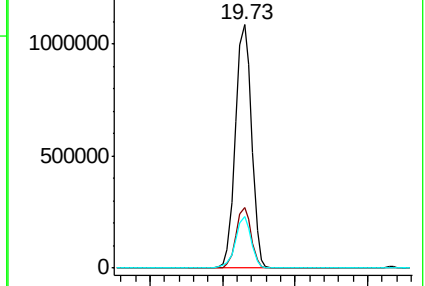
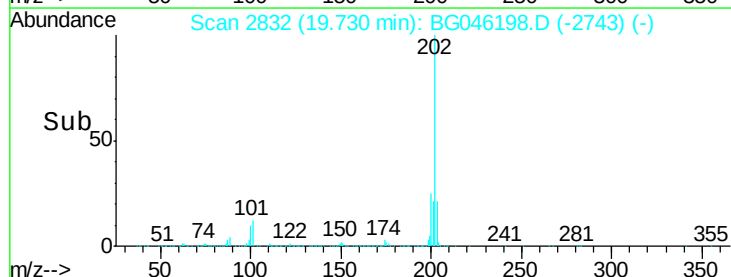
203 21.1 16.2 24.2

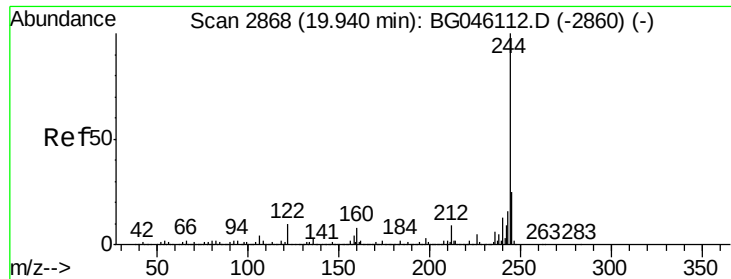


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.800 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

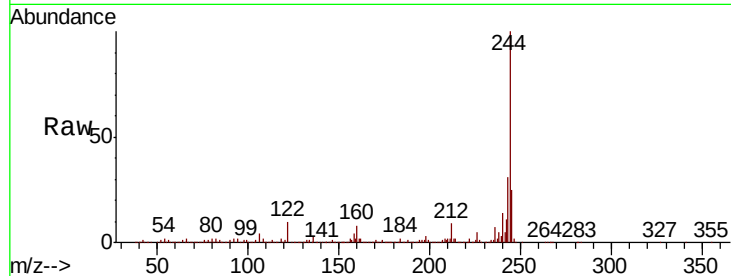
Tot Ion:244 Resp: 2127599

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

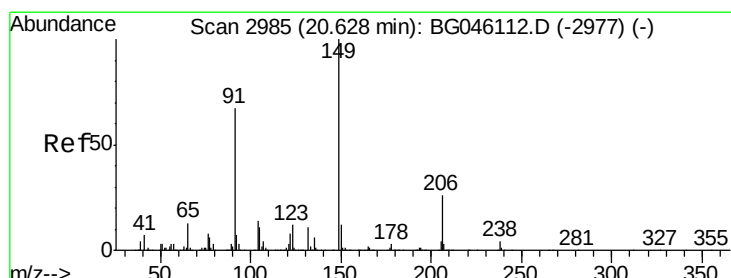
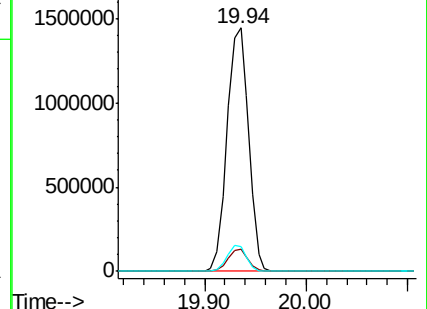
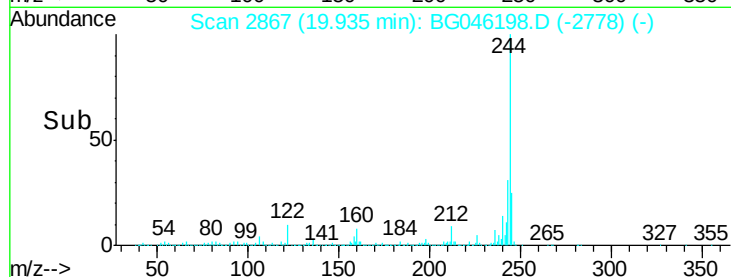
122 10.3 8.3 12.5



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: 40.928 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

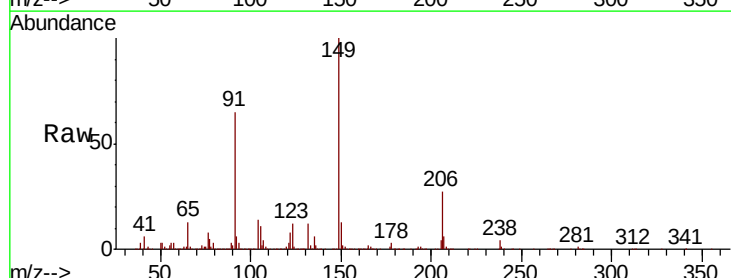
Tgt Ion:149 Resp: 687339

Ion Ratio Lower Upper

149 100

91 64.6 53.8 80.8

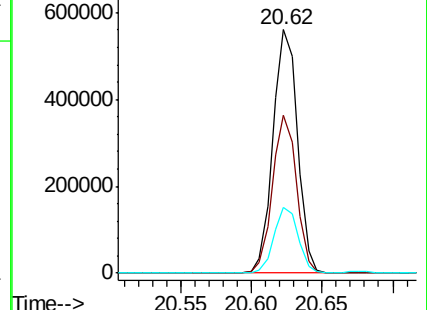
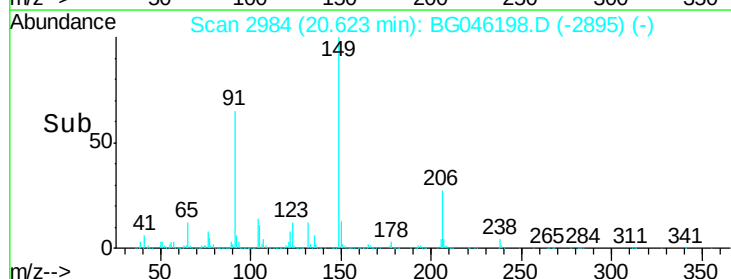
206 26.9 20.4 30.6

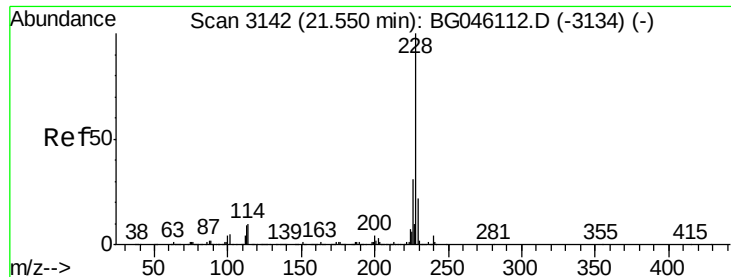


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.866 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

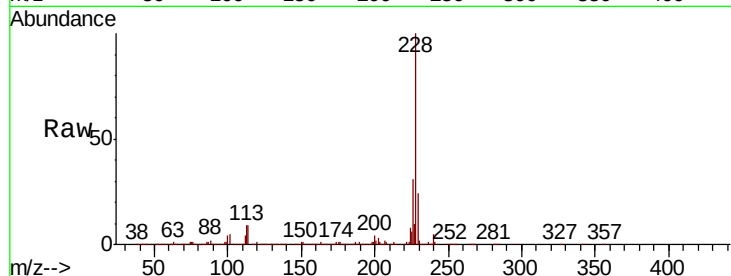
Tot Ion:228 Resp: 1702261

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

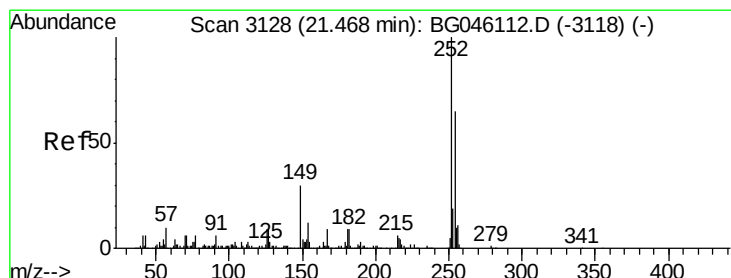
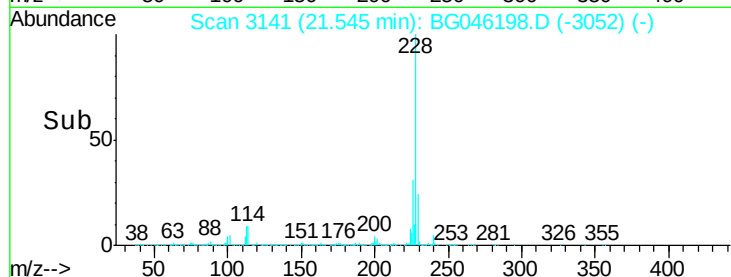
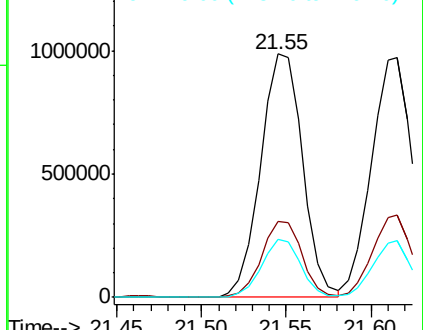
229 23.7 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.719 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

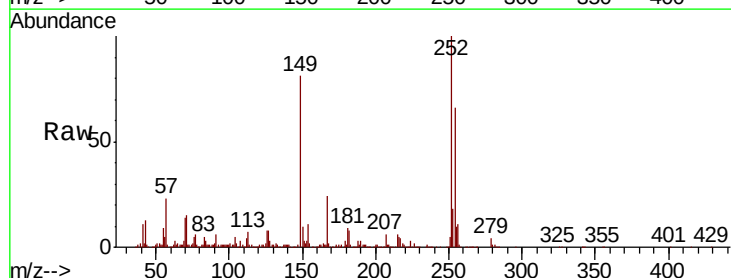
Tgt Ion:252 Resp: 531502

Ion Ratio Lower Upper

252 100

254 66.2 51.8 77.8

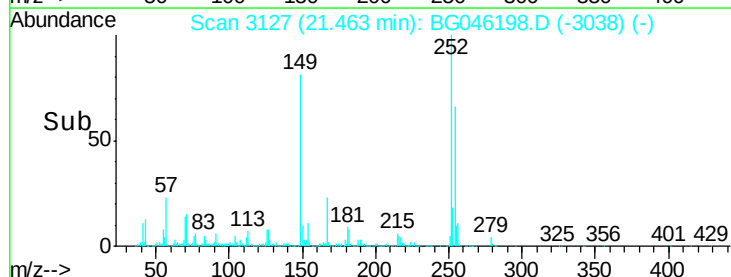
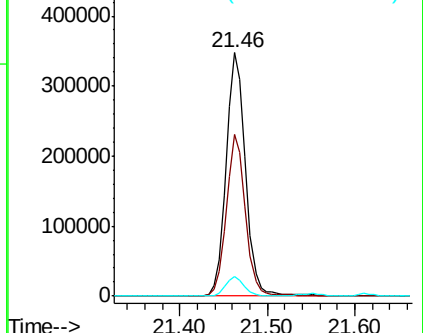
126 8.2 7.1 10.7

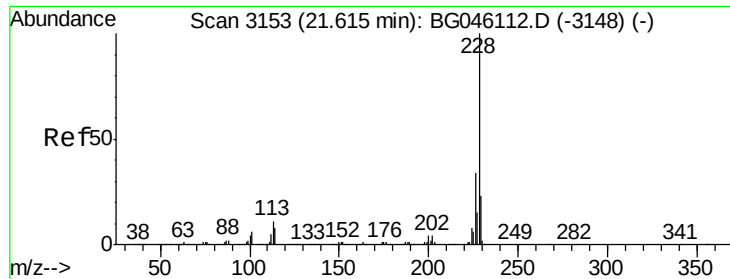


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.319 ng

RT: 21.62 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

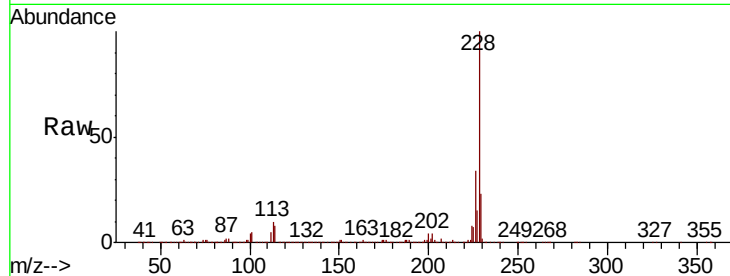
BNA_G

ClientSampleId :

PB130810BS

Tot Ion:228 Resp: 1642799

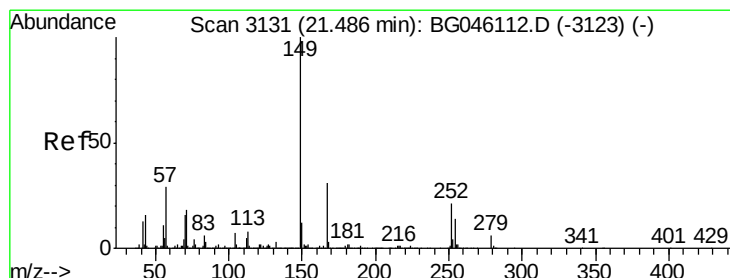
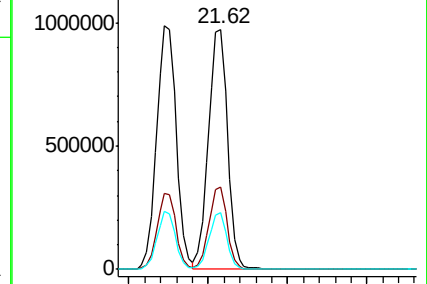
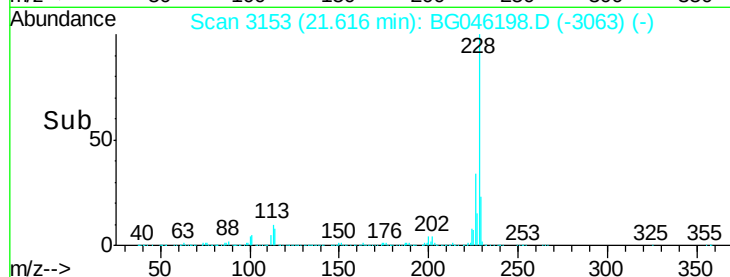
Ion	Ratio	Lower	Upper
228	100		
226	34.1	26.9	40.3
229	23.5	18.2	27.4



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: 39.459 ng

RT: 21.47 min Scan# 3129

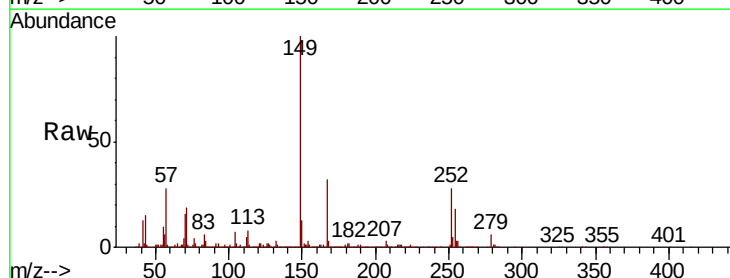
Delta R.T. -0.01 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion:149 Resp: 947398

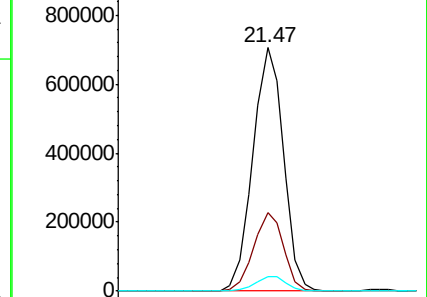
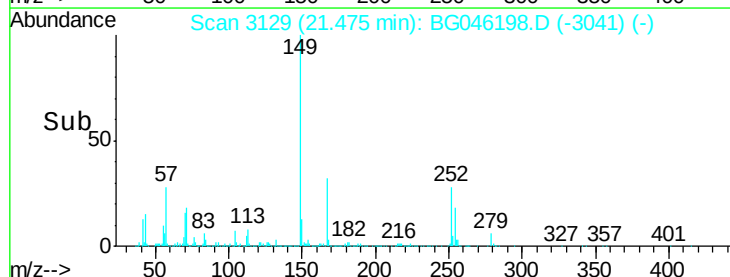
Ion	Ratio	Lower	Upper
149	100		
167	32.5	24.8	37.2
279	6.2	4.6	6.8

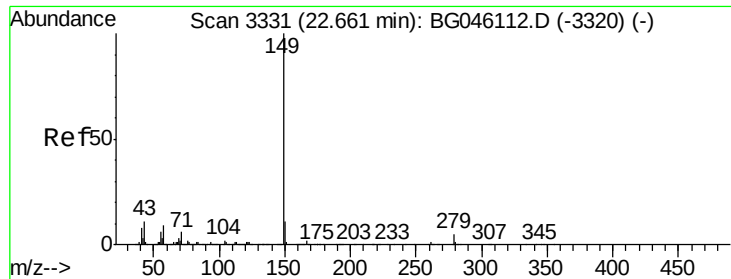


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.261 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

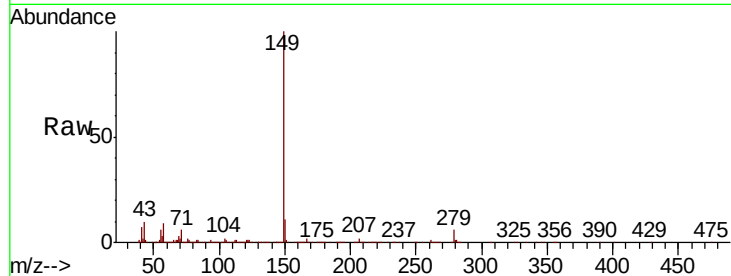
BNA_G

ClientSampleId :

PB130810BS

Tot Ion:149 Resp: 1636716

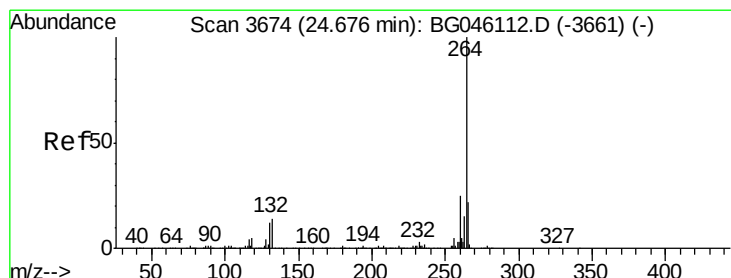
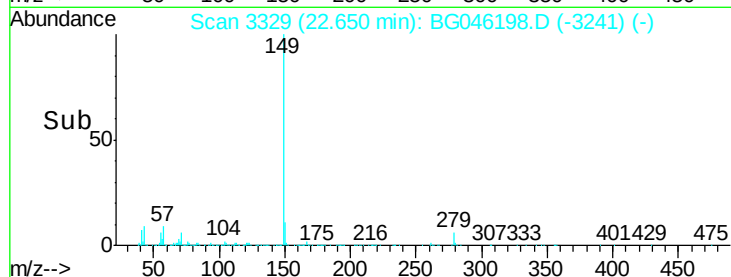
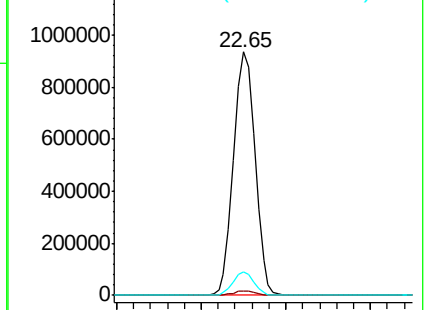
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	9.1	7.8	11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

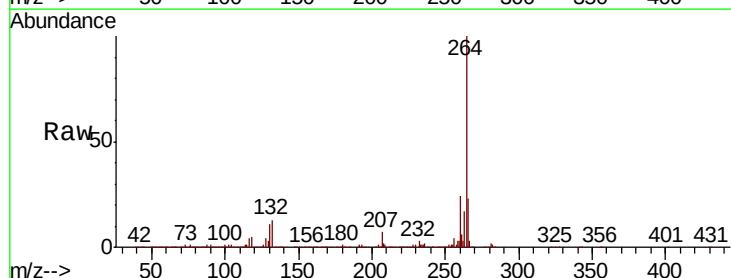
Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Tgt Ion:264 Resp: 749318

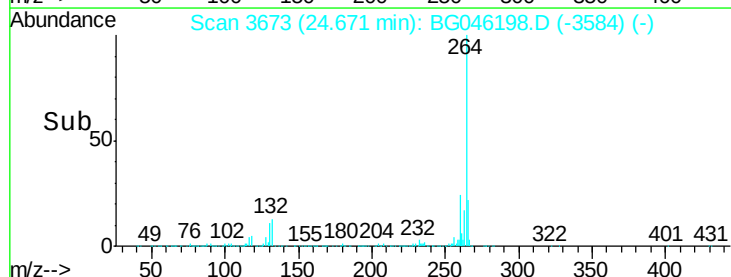
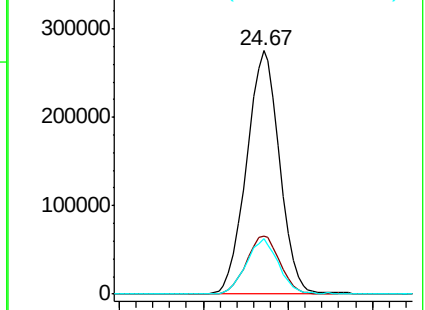
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.5	17.6	26.4

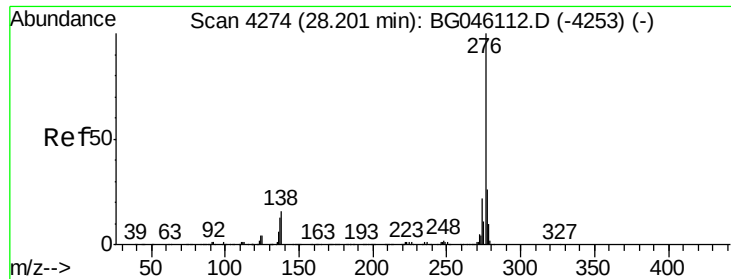


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

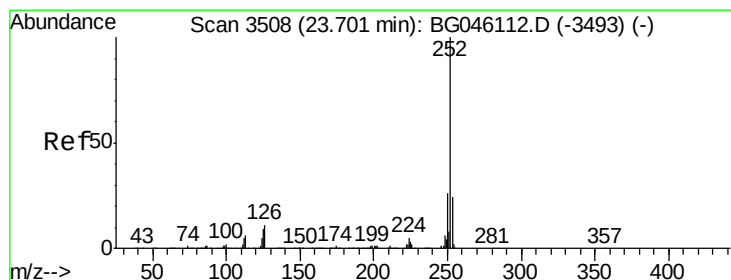
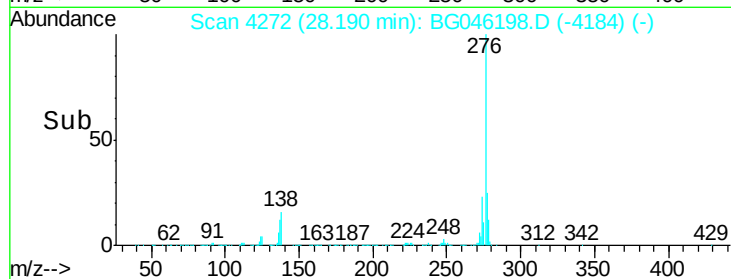
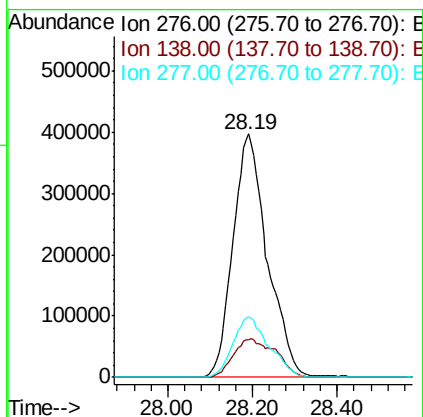
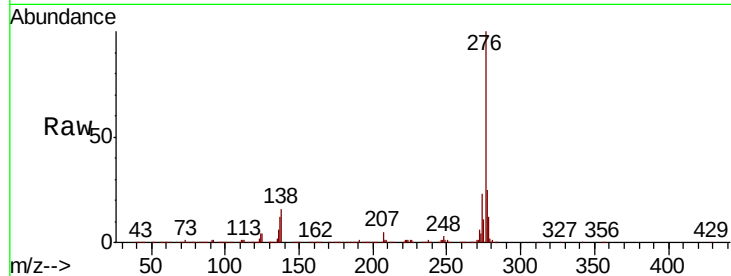




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.000 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

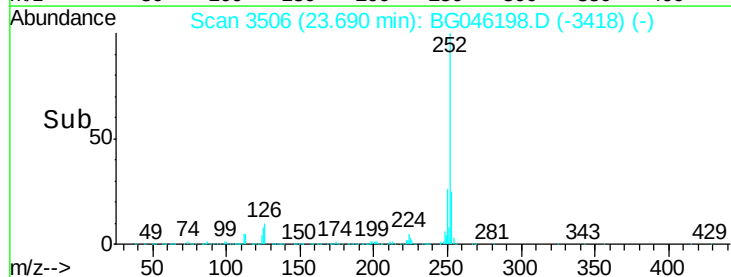
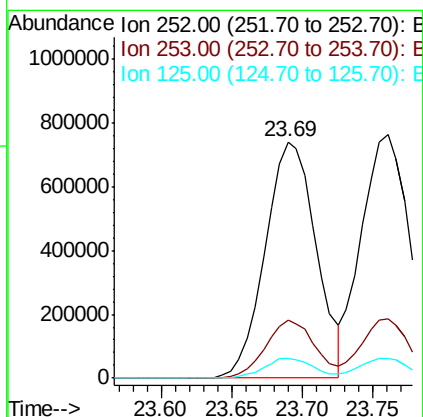
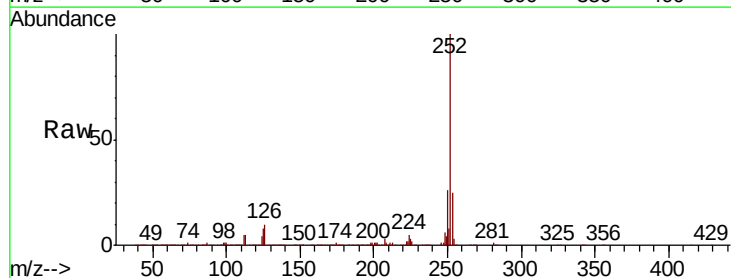
Instrument :
 BNA_G
 ClientSampleId :
 PB130810BS

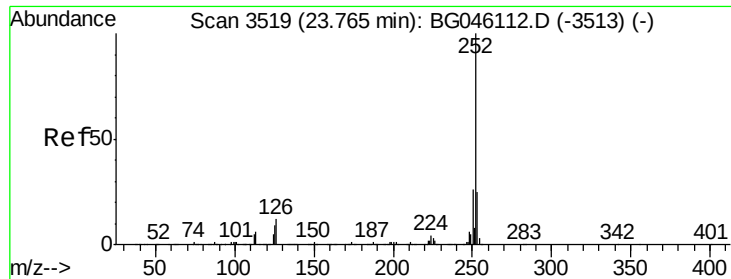
Tot Ion:276 Resp: 2228769
 Ion Ratio Lower Upper
 276 100
 138 19.6 11.6 17.4#
 277 26.0 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 37.143 ng
 RT: 23.69 min Scan# 3506
 Delta R.T. -0.01 min
 Lab File: BG046198.D
 Acq: 7 Aug 2020 18:15

Tgt Ion:252 Resp: 1865056
 Ion Ratio Lower Upper
 252 100
 253 24.7 19.2 28.8
 125 8.3 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 37.027 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

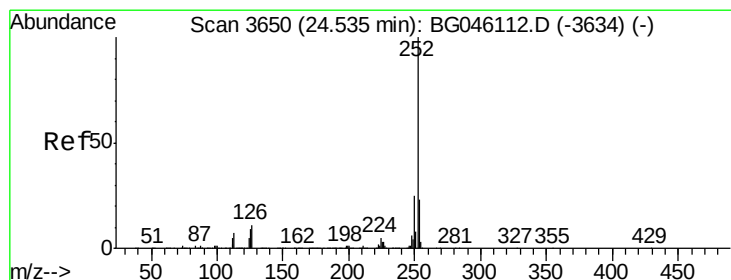
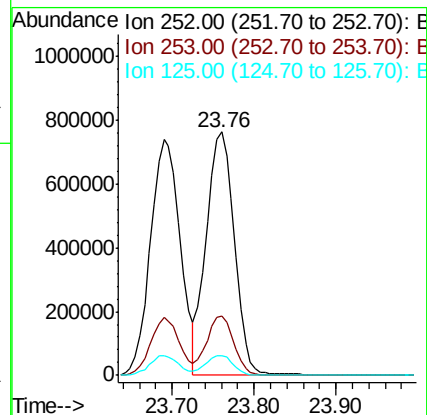
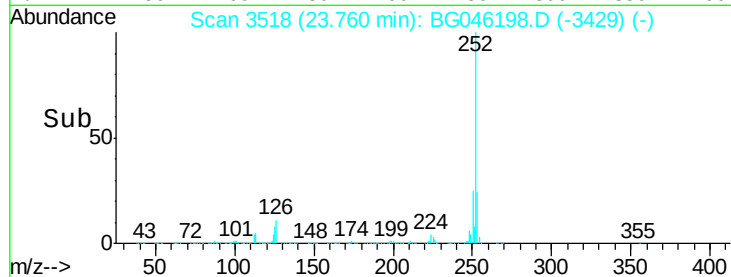
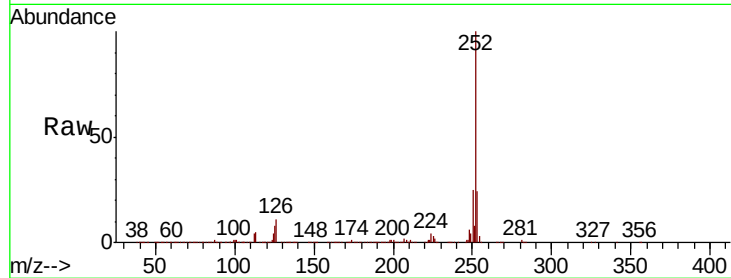
Tot Ion:252 Resp: 1823642

Ion Ratio Lower Upper

252 100

253 24.2 19.5 29.3

125 8.3 7.3 10.9



#90

Benzo(a)pyrene

Concen: 37.235 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

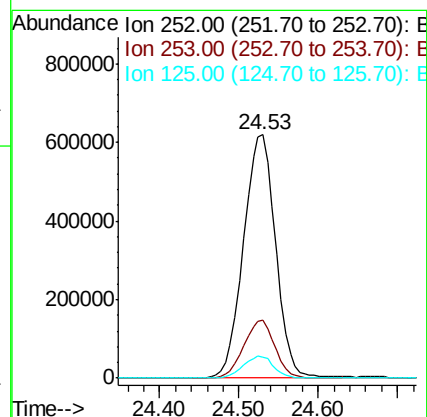
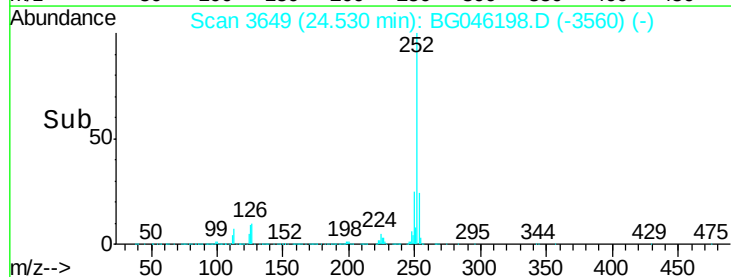
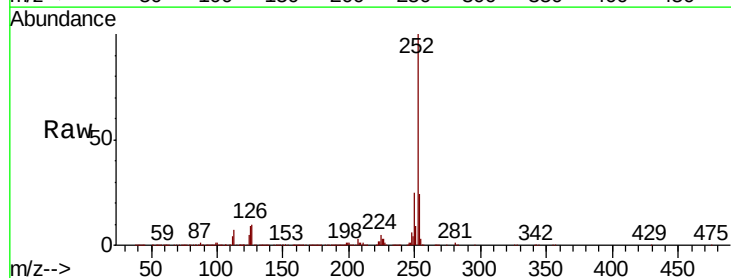
Tgt Ion:252 Resp: 1739821

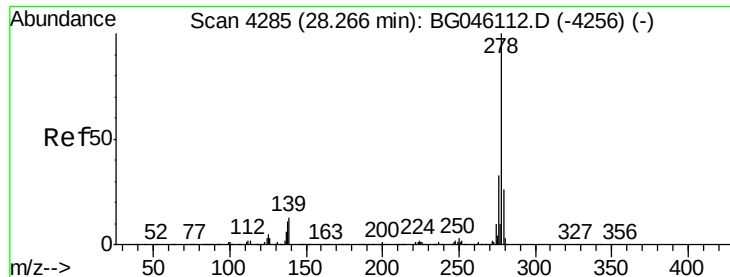
Ion Ratio Lower Upper

252 100

253 23.9 18.6 27.8

125 8.7 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 38.143 ng

RT: 28.25 min Scan# 4282

Delta R.T. -0.02 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

Instrument :

BNA_G

ClientSampleId :

PB130810BS

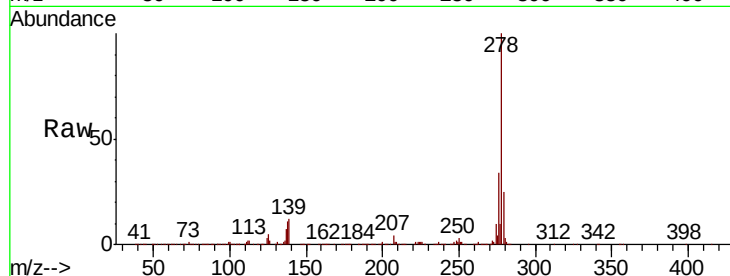
Tot Ion:278 Resp: 1822234

Ion Ratio Lower Upper

278 100

139 12.1 10.8 16.2

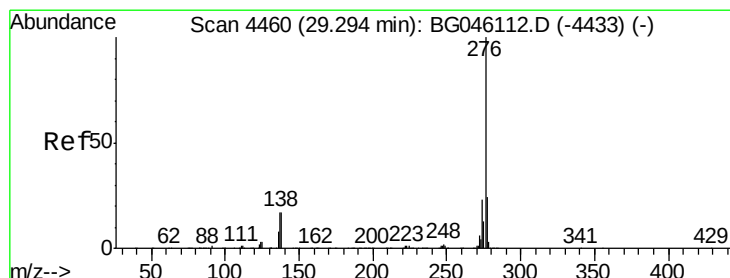
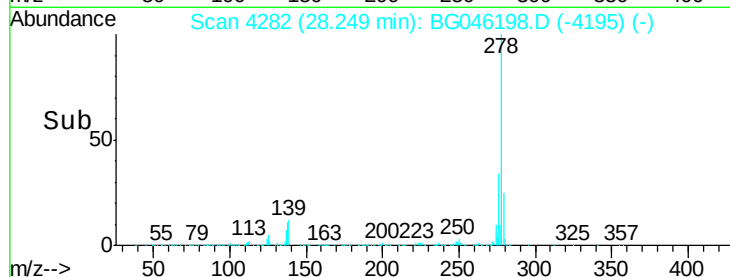
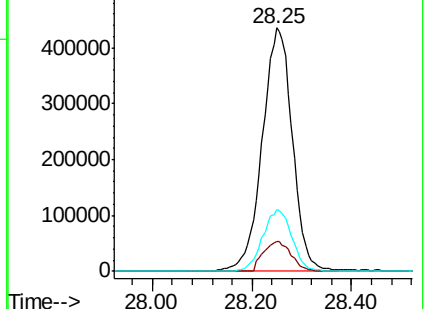
279 25.4 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.054 ng

RT: 29.30 min Scan# 4460

Delta R.T. 0.00 min

Lab File: BG046198.D

Acq: 7 Aug 2020 18:15

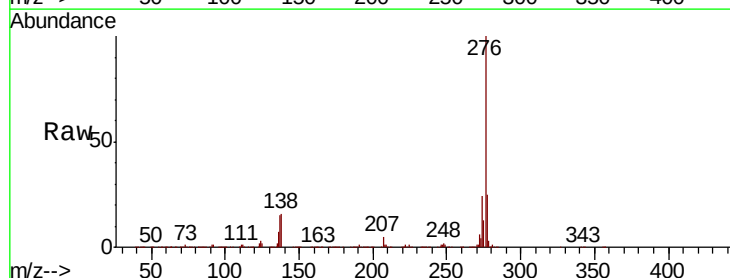
Tgt Ion:276 Resp: 1884224

Ion Ratio Lower Upper

276 100

277 24.9 19.5 29.3

138 16.3 13.8 20.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

