

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042820\
 Data File : BG045191.D
 Acq On : 28 Apr 2020 18:53
 Operator : CG/JU
 Sample : PB128519BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

Quant Time: Apr 28 19:37:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60108	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	237277	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	183353	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	465047	20.00	ng	0.00
76) Chrysene-d12	21.65	240	448445	20.00	ng	0.00
87) Perylene-d12	24.82	264	492831	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	324086	89.01	ng	0.00
7) Phenol-d6	7.16	99	461888	85.39	ng	0.00
23) Nitrobenzene-d5	9.15	82	415164	79.84	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	252041	88.98	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1004989	80.37	ng	0.00
79) Terphenyl-d14	20.00	244	1933368	93.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	57375	35.460	ng	97
3) Pyridine	3.84	79	158871	31.890	ng	96
4) n-Nitrosodimethylamine	3.75	42	63799	41.804	ng	# 94
6) Aniline	7.31	93	183718	26.122	ng	99
8) 2-Chlorophenol	7.56	128	181074	46.276	ng	99
9) Benzaldehyde	7.12	77	66397	17.130	ng	98
10) Phenol	7.19	94	243129	44.915	ng	96
11) bis(2-Chloroethyl)ether	7.40	93	168069	38.997	ng	98
12) 1,3-Dichlorobenzene	7.88	146	187053	40.568	ng	99
13) 1,4-Dichlorobenzene	8.03	146	187724	40.859	ng	98
14) 1,2-Dichlorobenzene	8.35	146	178350	40.576	ng	99
15) Benzyl Alcohol	8.23	79	174637	38.506	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	151085	35.713	ng	97
17) 2-Methylphenol	8.44	107	161513	38.673	ng	95
18) Hexachloroethane	9.08	117	73492	42.550	ng	96
19) n-Nitroso-di-n-propylamine	8.79	70	145346	37.994	ng	97
20) 3+4-Methylphenols	8.77	107	231988	39.685	ng	98
22) Acetophenone	8.81	105	266972	41.607	ng	# 98
24) Nitrobenzene	9.19	77	219268	41.136	ng	94
25) Isophorone	9.72	82	417258	39.182	ng	99
26) 2-Nitrophenol	9.90	139	101712	44.299	ng	98
27) 2,4-Dimethylphenol	9.97	122	165823	45.516	ng	93
28) bis(2-Chloroethoxy)methane	10.20	93	236700	42.304	ng	98
29) 2,4-Dichlorophenol	10.45	162	192702	45.808	ng	98
30) 1,2,4-Trichlorobenzene	10.66	180	202721	42.563	ng	100
31) Naphthalene	10.85	128	546734	42.121	ng	98
32) Benzoic acid	10.12	122	114322	40.060	ng	98
33) 4-Chloroaniline	10.96	127	76482	12.634	ng	98
34) Hexachlorobutadiene	11.14	225	138424	42.390	ng	98
35) Caprolactam	11.72	113	43114	25.751	ng	90
36) 4-Chloro-3-methylphenol	12.08	107	224015	45.331	ng	99
37) 2-Methylnaphthalene	12.45	142	425867	42.270	ng	99
38) 1-Methylnaphthalene	12.68	142	407619	42.856	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	238273	40.361	ng	98

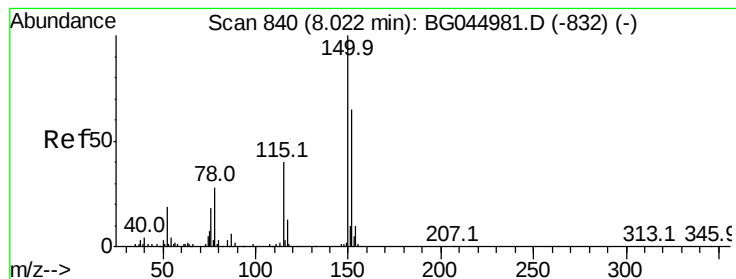
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	334748	90.723	nq	98
43) 2,4,6-Trichlorophenol	13.07	196	178479	42.837	nq	97
44) 2,4,5-Trichlorophenol	13.14	196	198227	41.798	nq	97
46) 1,1'-Biphenyl	13.46	154	553802	39.739	nq	98
47) 2-Chloronaphthalene	13.51	162	434671	40.820	nq	99
48) 2-Nitroaniline	13.71	65	143052	40.830	nq	92
49) Acenaphthylene	14.35	152	736314	42.451	nq	100
50) Dimethylphthalate	14.09	163	631665	42.310	nq	99
51) 2,6-Dinitrotoluene	14.20	165	143435	42.954	nq	95
52) Acenaphthene	14.70	154	449716	38.321	nq	96
53) 3-Nitroaniline	14.53	138	78824	21.522	nq	# 91
54) 2,4-Dinitrophenol	14.73	184	187783	94.570	nq	92
55) Dibenzofuran	15.03	168	729075	42.612	nq	99
56) 4-Nitrophenol	14.85	139	243946	85.906	nq	95
57) 2,4-Dinitrotoluene	14.99	165	210166	43.067	nq	# 93
58) Fluorene	15.68	166	608698	43.555	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	197227	46.738	nq	98
60) Diethylphthalate	15.45	149	668186	42.928	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	335797	41.745	nq	99
62) 4-Nitroaniline	15.69	138	145149	38.211	nq	99
63) Azobenzene	15.97	77	619590	43.175	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	137359	44.936	nq	96
66) n-Nitrosodiphenylamine	15.89	169	553647	41.435	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	237069	39.515	nq	97
68) Hexachlorobenzene	16.70	284	260243	41.825	nq	97
69) Atrazine	16.84	200	237350	49.142	nq	99
70) Pentachlorophenol	17.04	266	339337	88.900	nq	96
71) Phenanthrene	17.42	178	1026539	42.956	nq	99
72) Anthracene	17.51	178	1062206	44.311	nq	99
73) Carbazole	17.78	167	991411	40.754	nq	97
74) Di-n-butylphthalate	18.35	149	1196968	45.233	nq	100
75) Fluoranthene	19.43	202	1324817	47.509	nq	99
77) Benzidine	19.61	184	516848	38.998	nq	98
78) Pyrene	19.79	202	1304863	42.207	nq	99
80) Butylbenzylphthalate	20.68	149	528797	41.264	nq	98
81) Benzo(a)anthracene	21.62	228	1223396	42.091	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	334650	28.927	nq	99
83) Chrysene	21.69	228	1203089	43.080	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	744795	42.258	nq	100
85) Di-n-octyl phthalate	22.75	149	1274786	41.826	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1584583	42.737	nq	# 94
88) Benzo(b)fluoranthene	23.82	252	1347286	43.643	nq	98
89) Benzo(k)fluoranthene	23.89	252	1287915	43.869	nq	99
90) Benzo(a)pyrene	24.67	252	1240498	42.560	nq	97
91) Dibenzo(a,h)anthracene	28.50	278	1289715	43.913	nq	98
92) Benzo(g,h,i)perylene	29.55	276	1291509	43.862	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

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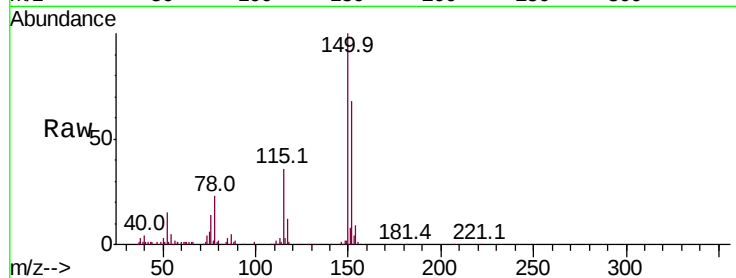
Tot Ion:152 Resp: 60108

Ion Ratio Lower Upper

152 100

150 148.0 123.6 185.4

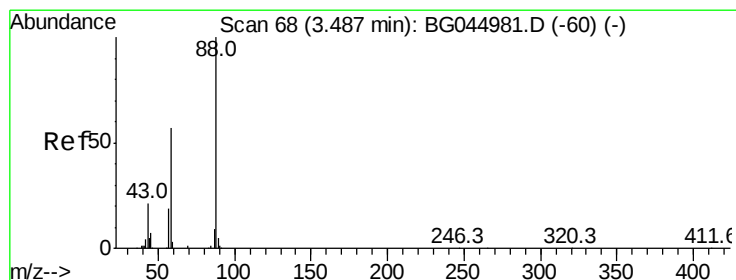
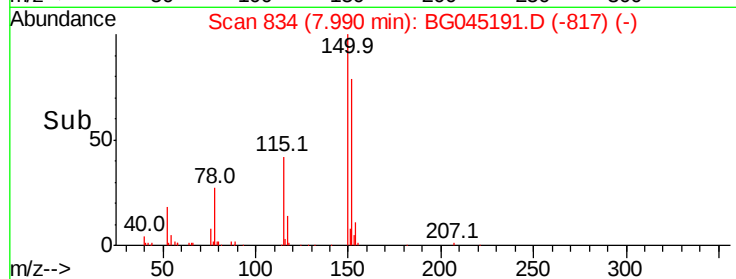
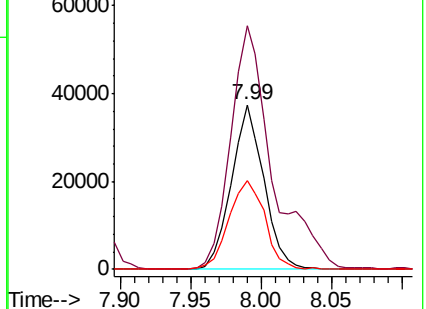
115 53.7 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.460 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.01 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

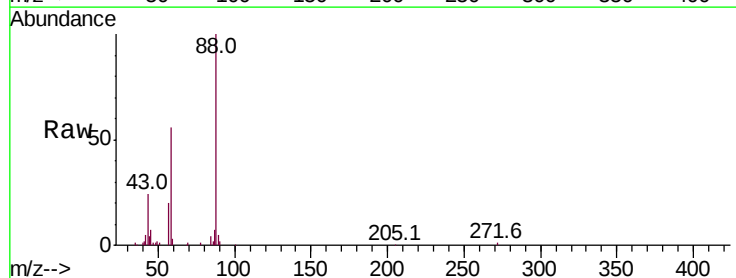
Tgt Ion: 88 Resp: 57375

Ion Ratio Lower Upper

88 100

58 55.9 46.6 69.8

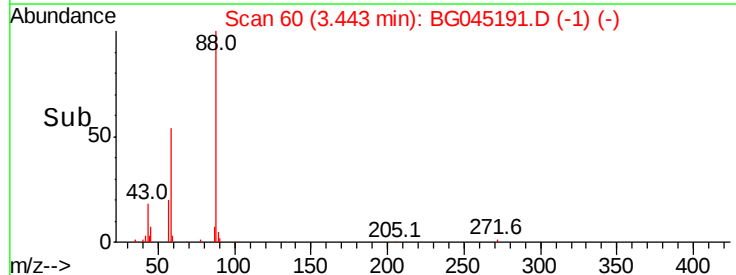
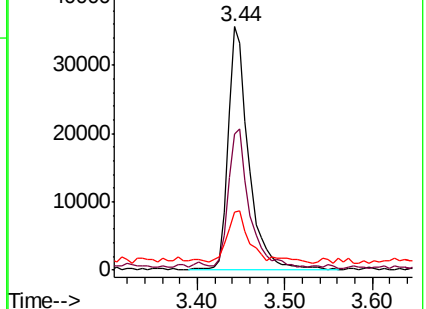
43 22.4 17.5 26.3

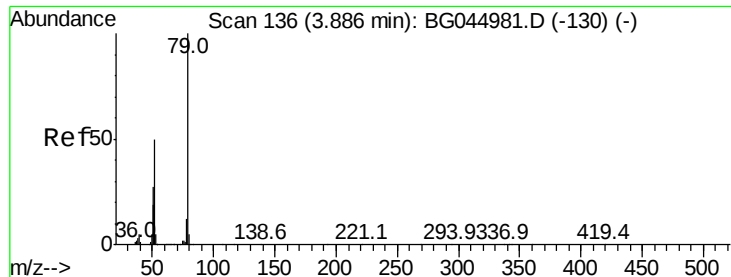


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.890 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

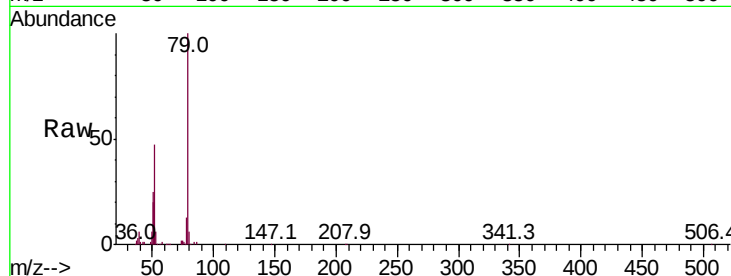
Tot Ion: 79 Resp: 158871

Ion Ratio Lower Upper

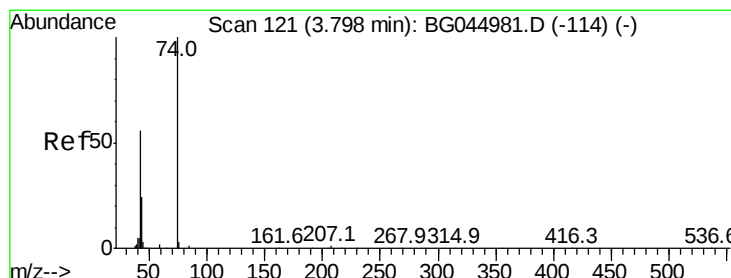
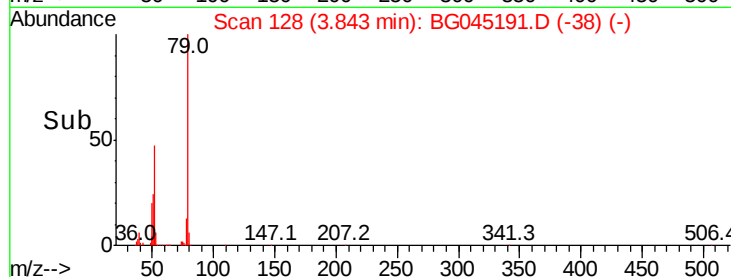
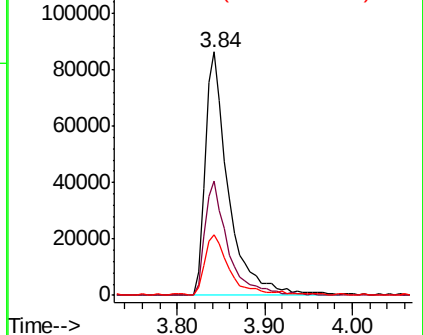
79 100

52 47.0 39.8 59.6

51 24.8 21.4 32.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.804 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

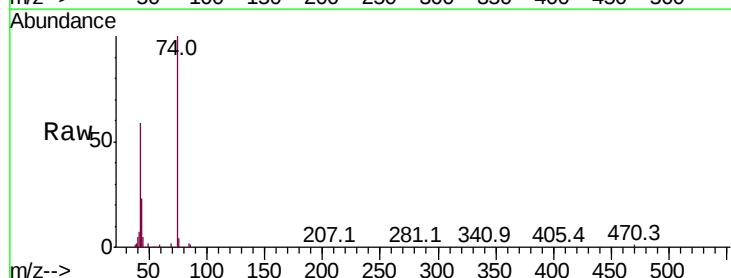
Tgt Ion: 42 Resp: 63799

Ion Ratio Lower Upper

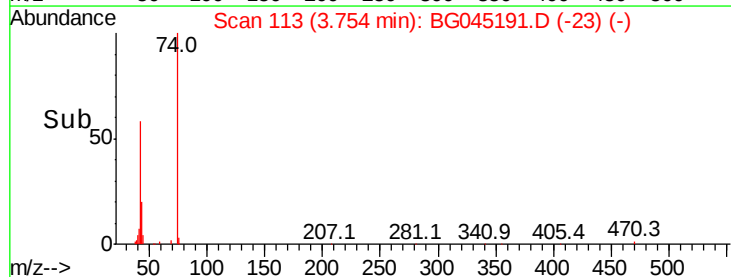
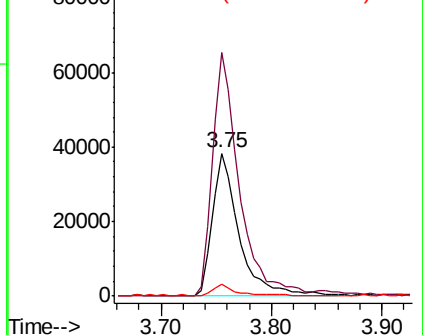
42 100

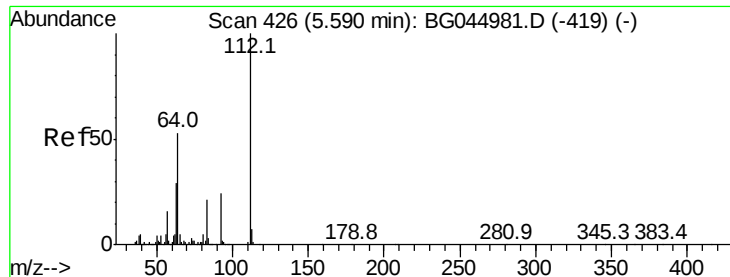
74 170.6 143.0 214.6

44 8.3 4.6 6.8#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 89.015 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

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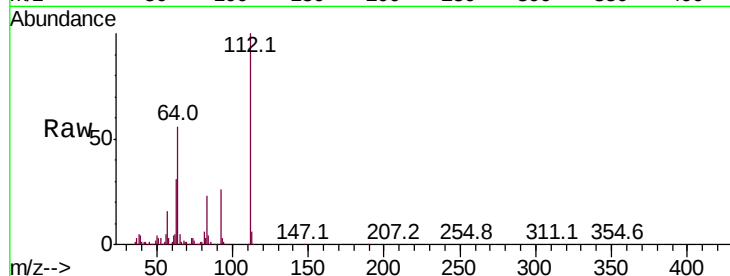
Tot Ion:112 Resp: 324086

Ion Ratio Lower Upper

112 100

64 56.1 42.4 63.6

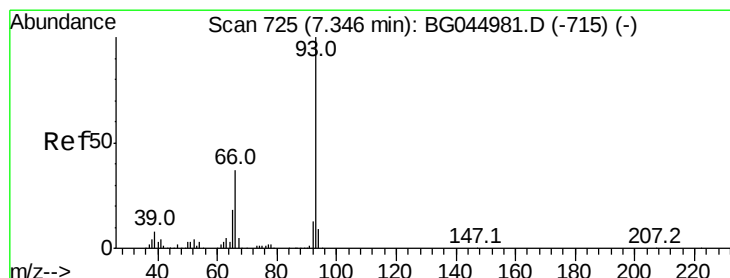
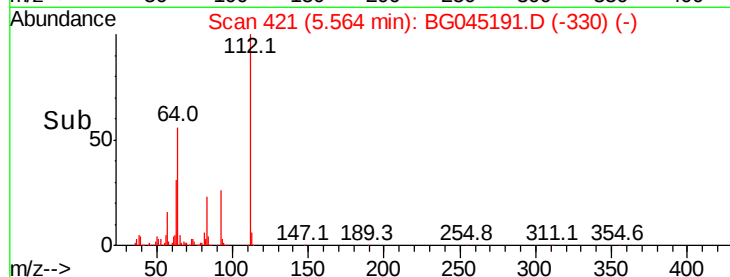
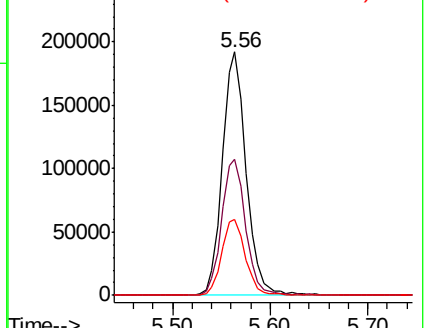
63 31.0 23.1 34.7



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: 26.122 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

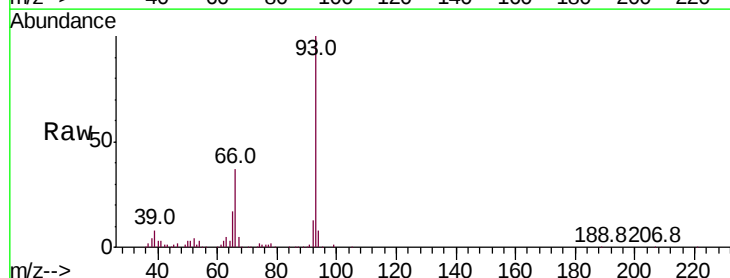
Tgt Ion: 93 Resp: 183718

Ion Ratio Lower Upper

93 100

66 36.7 29.8 44.8

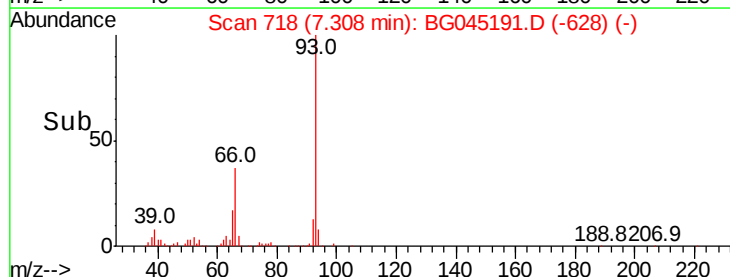
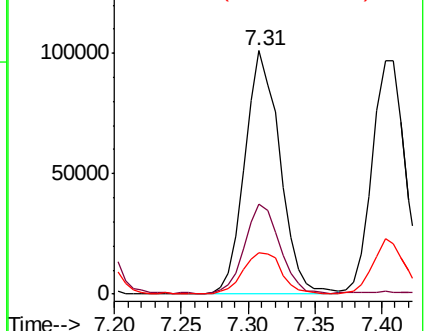
65 17.2 14.6 22.0

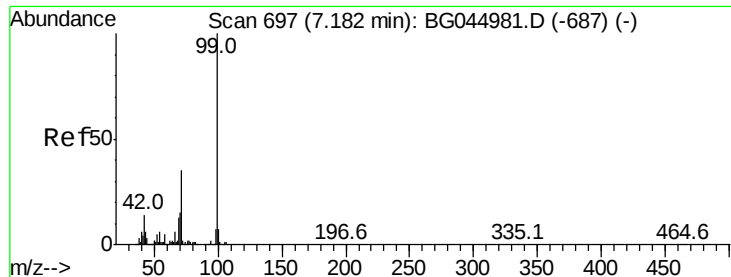


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.387 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

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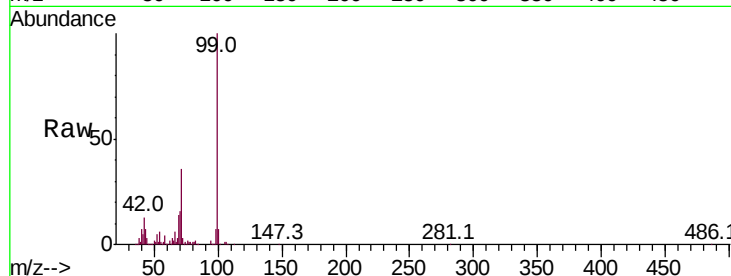
Tot Ion: 99 Resp: 461888

Ion Ratio Lower Upper

99 100

42 13.3 11.3 16.9

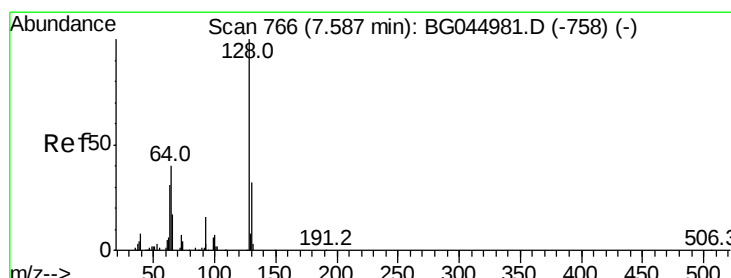
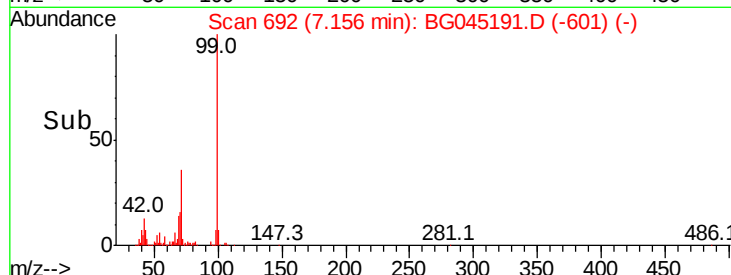
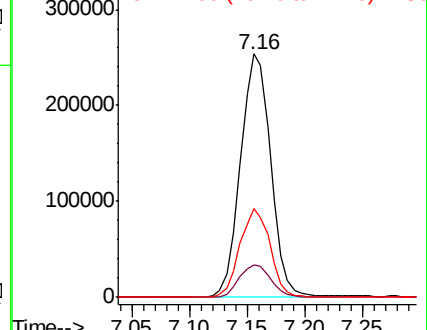
71 36.4 28.3 42.5



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: 46.276 ng

RT: 7.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

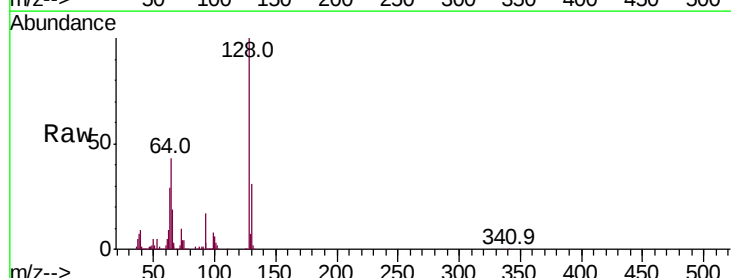
Tgt Ion: 128 Resp: 181074

Ion Ratio Lower Upper

128 100

130 31.4 12.3 52.3

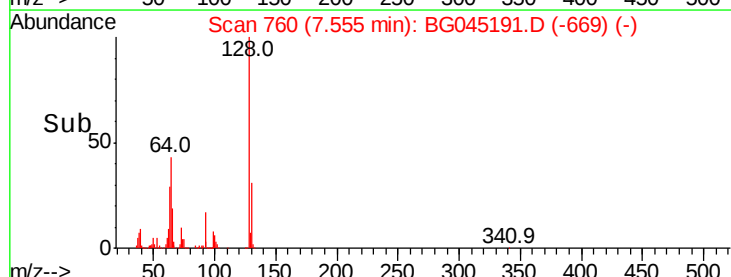
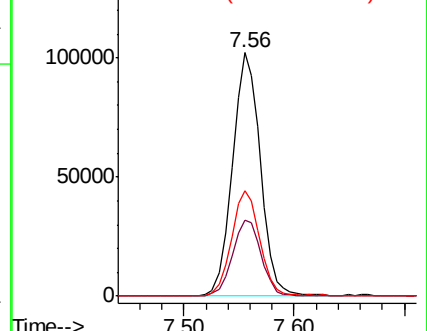
64 43.5 24.4 64.4



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: 17.130 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

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PB128402BSD

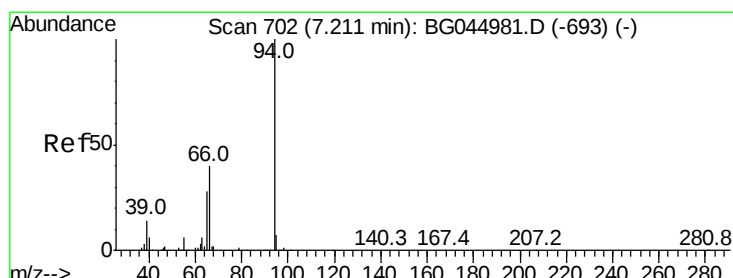
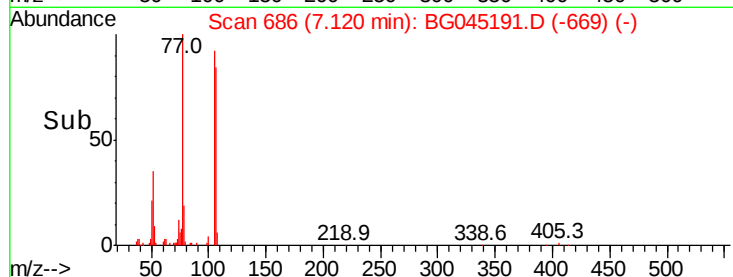
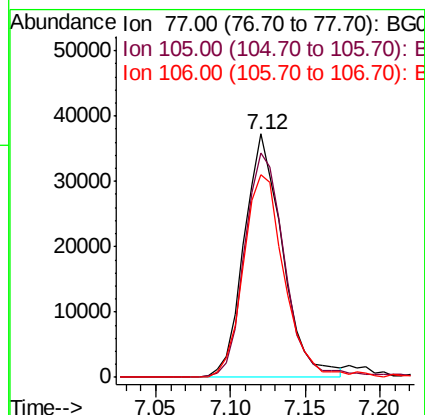
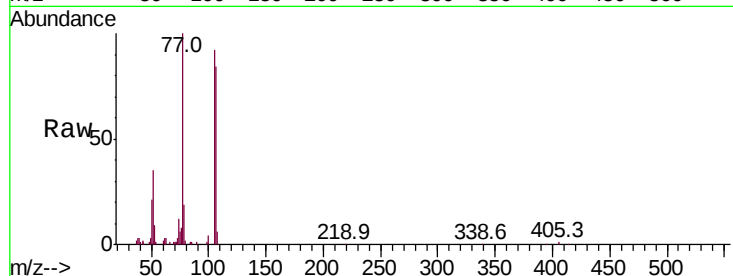
Tot Ion: 77 Resp: 66397

Ion Ratio Lower Upper

77 100

105 92.3 72.9 112.9

106 83.5 67.6 107.6



#10

Phenol

Concen: 44.915 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

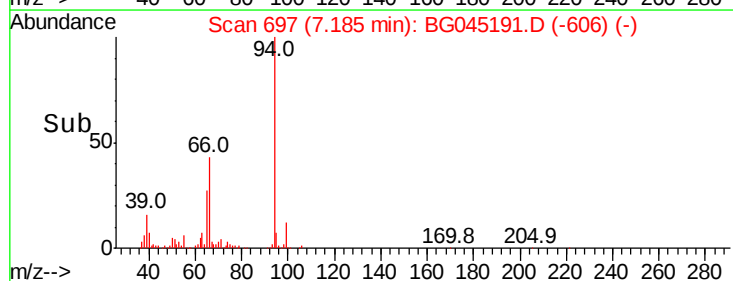
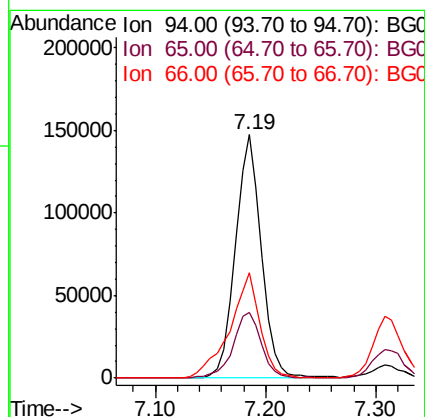
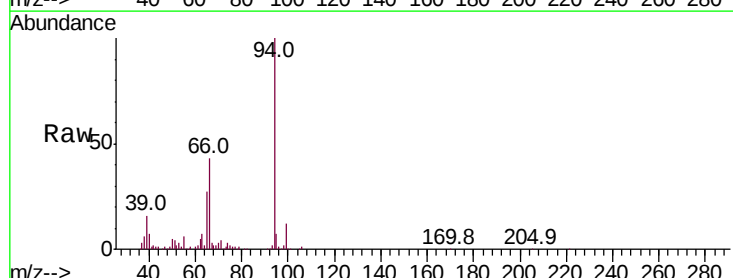
Tgt Ion: 94 Resp: 243129

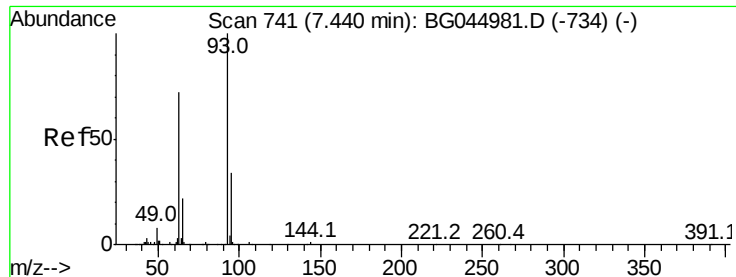
Ion Ratio Lower Upper

94 100

65 26.9 8.2 48.2

66 43.3 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 38.997 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

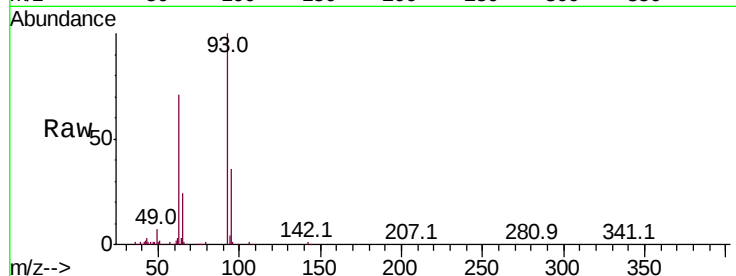
Tot Ion: 93 Resp: 168069

Ion Ratio Lower Upper

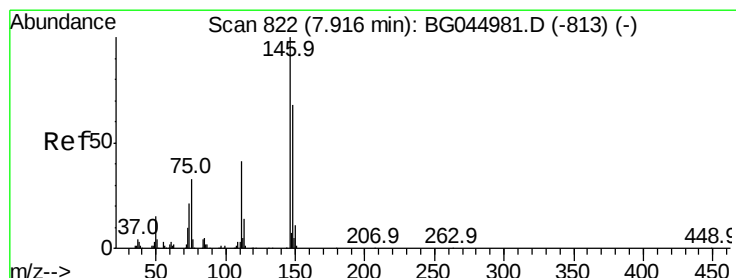
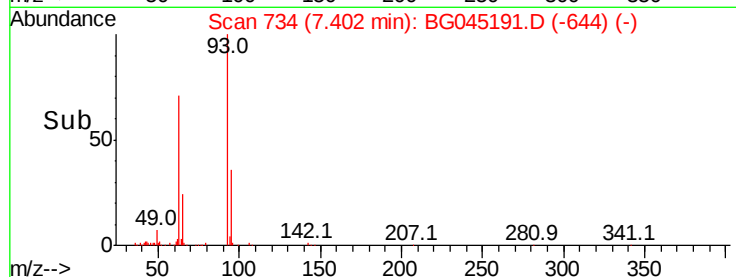
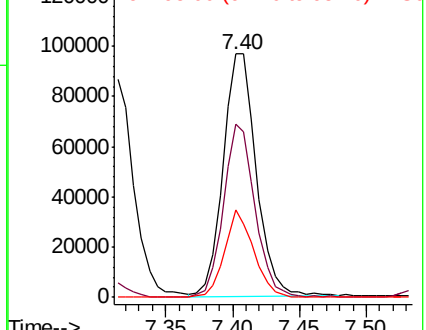
93 100

63 71.4 51.8 91.8

95 35.9 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 40.568 ng

RT: 7.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

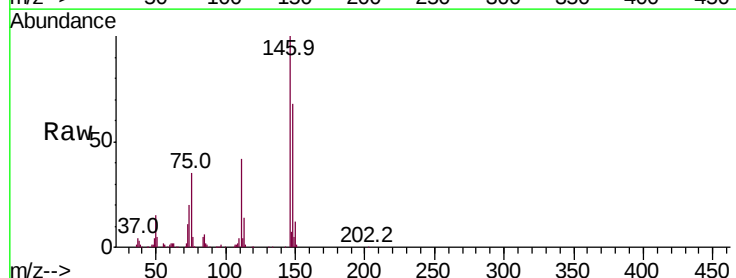
Tgt Ion: 146 Resp: 187053

Ion Ratio Lower Upper

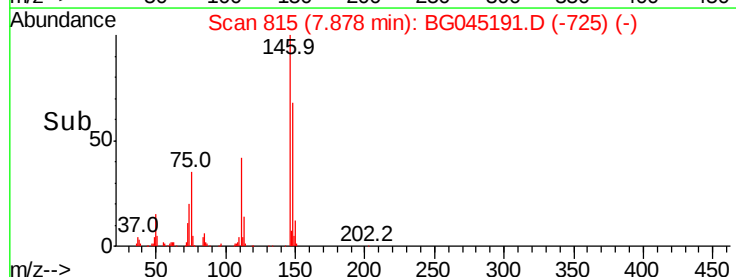
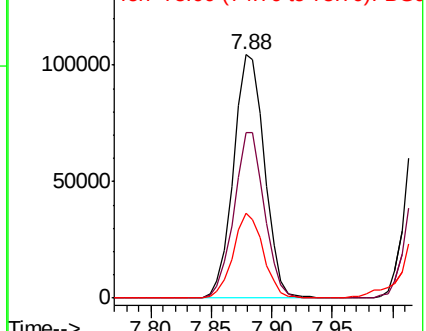
146 100

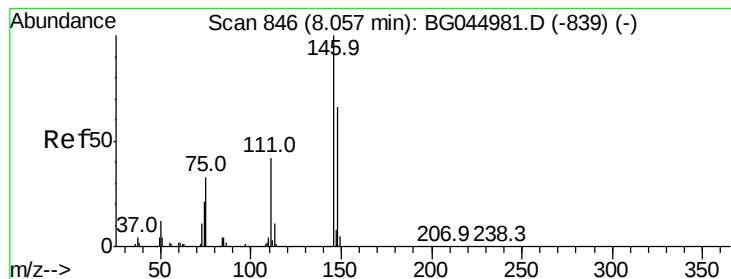
148 67.9 54.6 81.8

75 34.7 26.0 39.0



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





#13

1,4-Dichlorobenzene

Concen: 40.859 ng

RT: 8.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

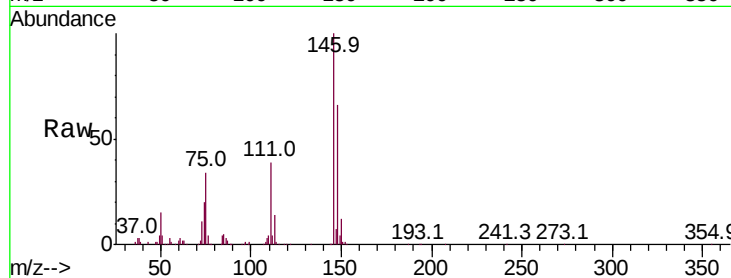
Tot Ion:146 Resp: 187724

Ion Ratio Lower Upper

146 100

148 65.9 53.3 79.9

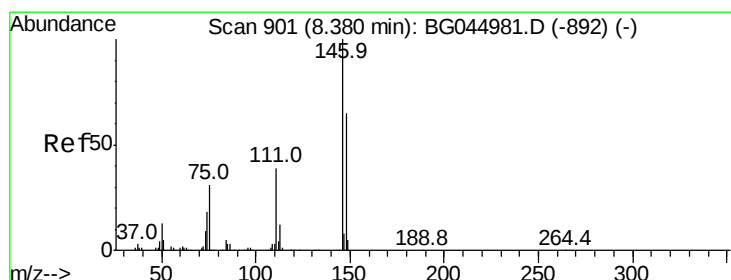
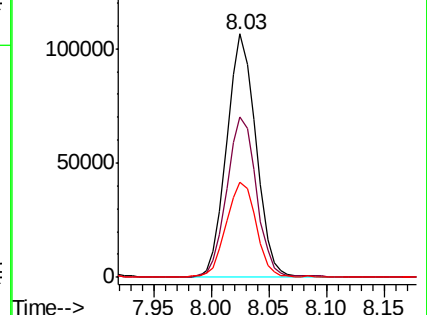
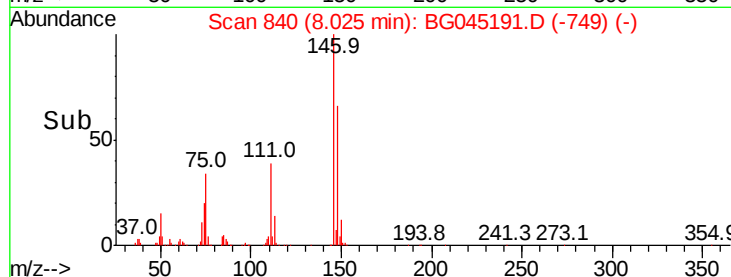
111 39.2 33.8 50.8



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: 40.576 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

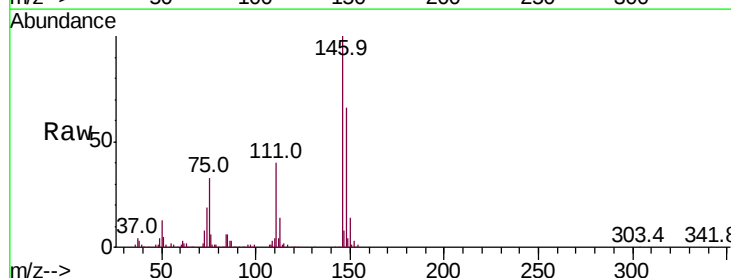
Tgt Ion:146 Resp: 178350

Ion Ratio Lower Upper

146 100

148 65.9 51.9 77.9

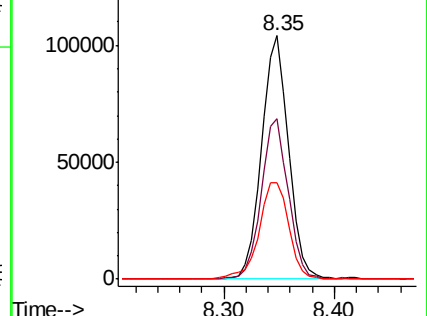
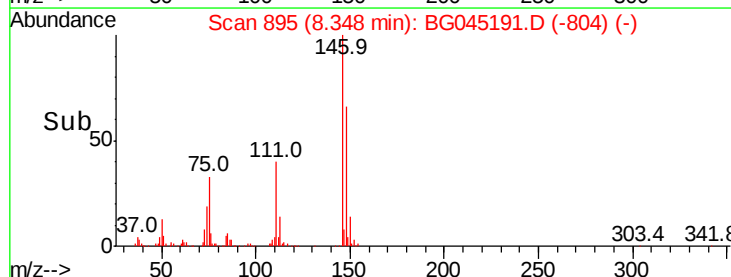
111 39.6 31.3 46.9

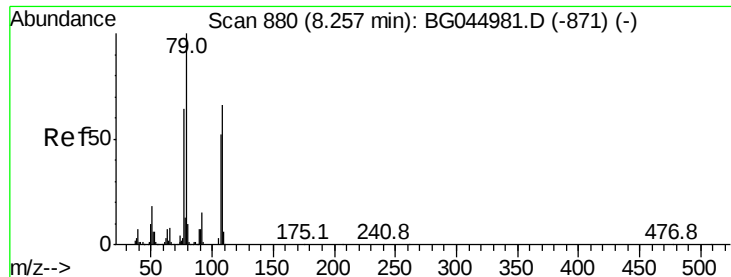


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.506 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

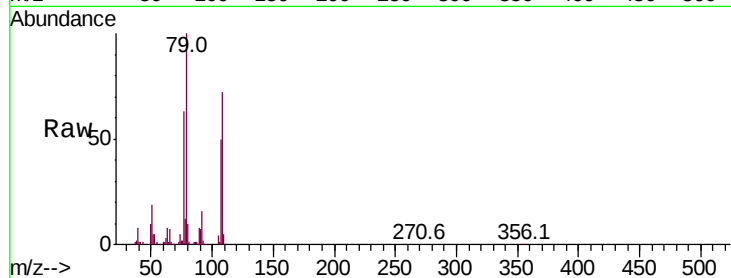
Tot Ion: 79 Resp: 174637

Ion Ratio Lower Upper

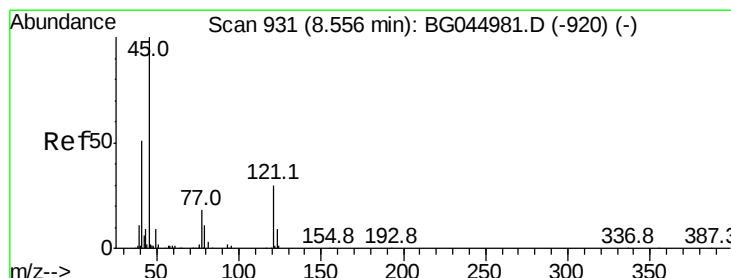
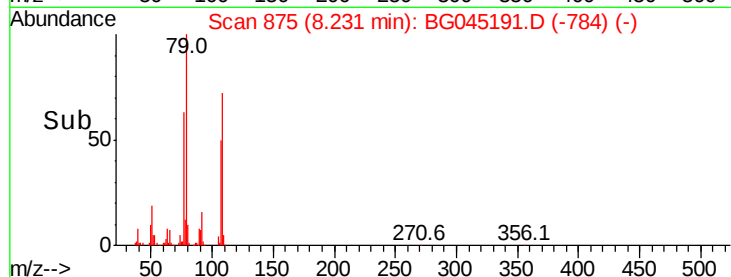
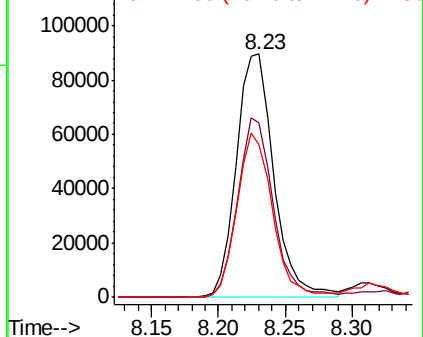
79 100

108 71.6 52.7 79.1

77 63.0 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.713 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

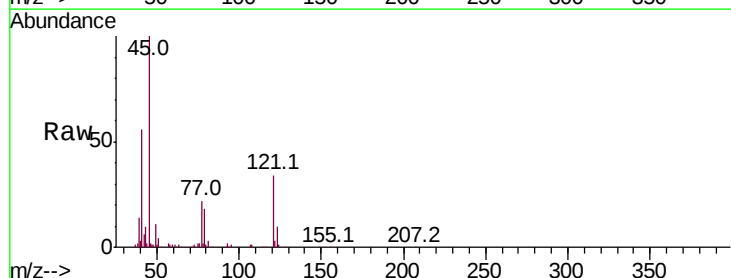
Tgt Ion: 45 Resp: 151085

Ion Ratio Lower Upper

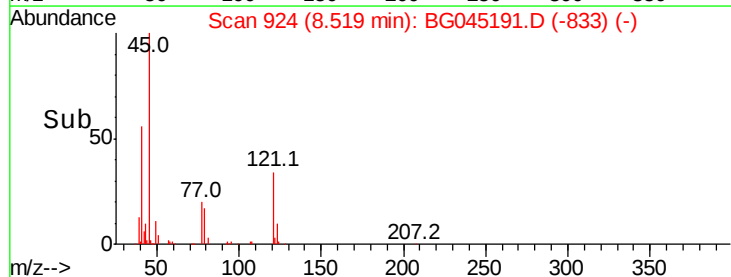
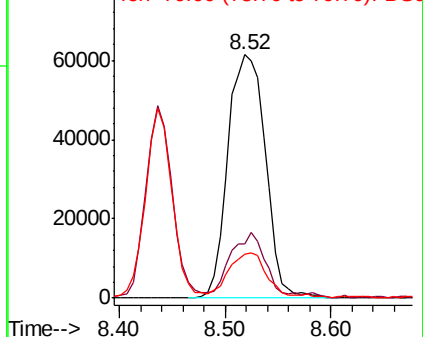
45 100

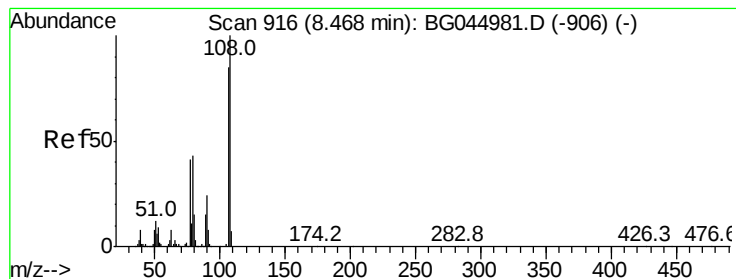
77 22.3 1.9 41.9

79 18.2 0.0 35.5



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





#17

2-Methylphenol

Concen: 38.673 ng

RT: 8.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

Tot Ion:107 Resp: 161513

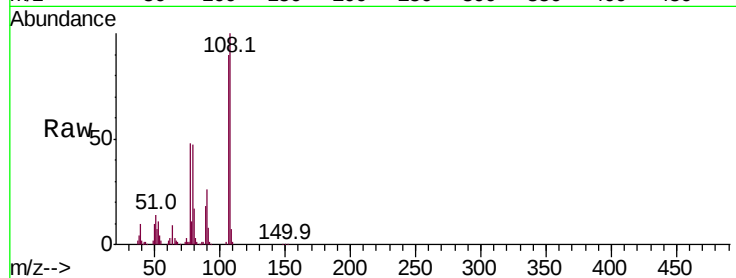
Ion Ratio Lower Upper

107 100

108 110.9 93.8 140.6

77 52.8 38.5 57.7

79 52.3 40.1 60.1

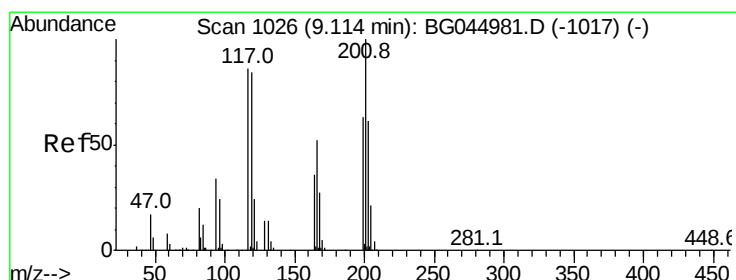
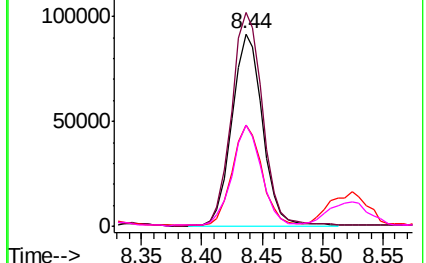
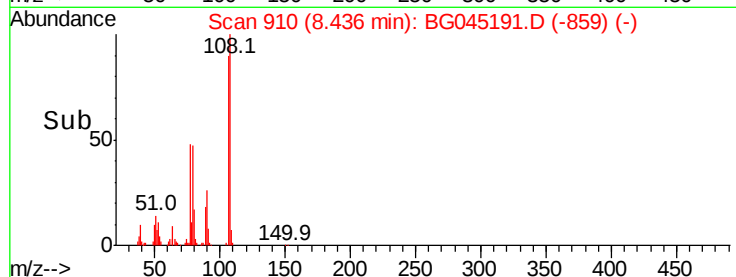


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.550 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

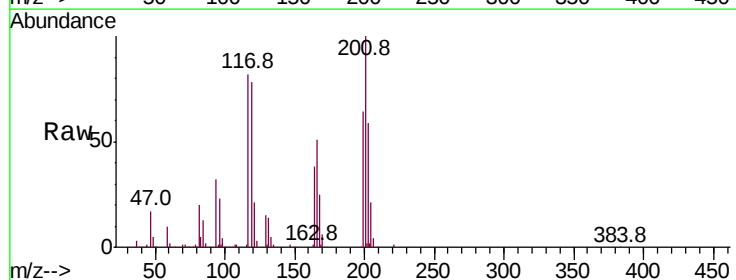
Tgt Ion:117 Resp: 73492

Ion Ratio Lower Upper

117 100

119 95.3 78.3 117.5

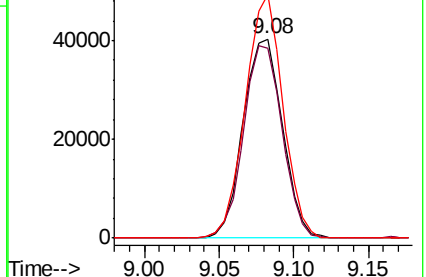
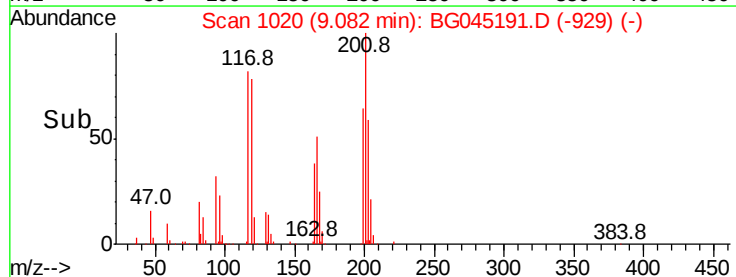
201 122.1 92.9 139.3

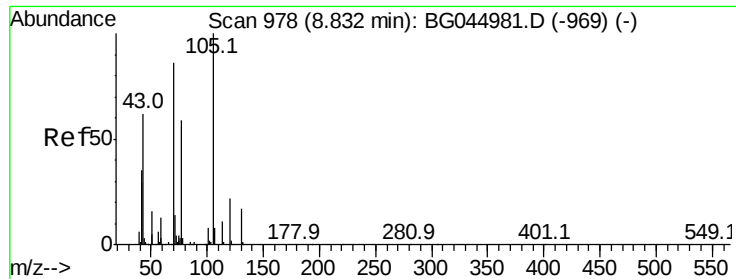


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

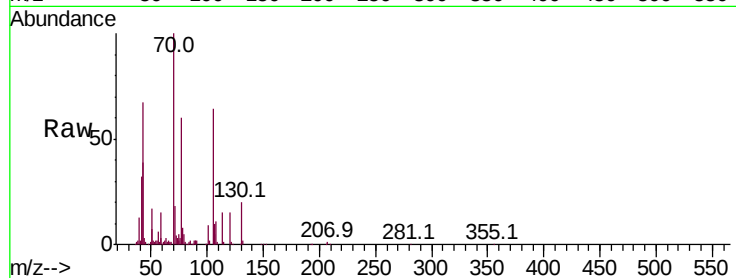




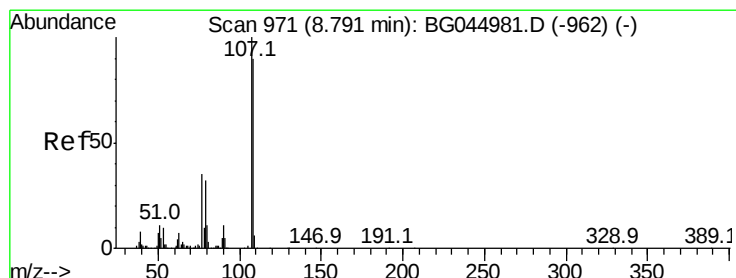
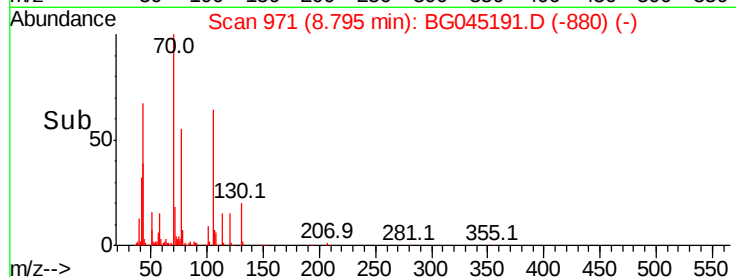
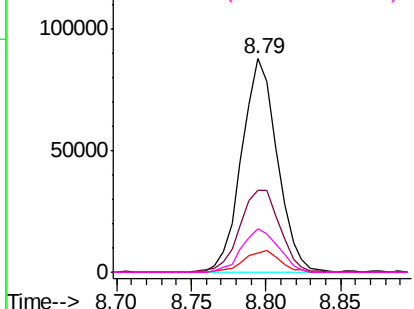
#19
n-Nitroso-di-n-propylamine
Concen: 37.994 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion:	70	Resp:	145346
Ion	Ratio	Lower	Upper
70	100		
42	38.5	33.3	49.9
101	9.3	7.8	11.8
130	20.2	15.8	23.6

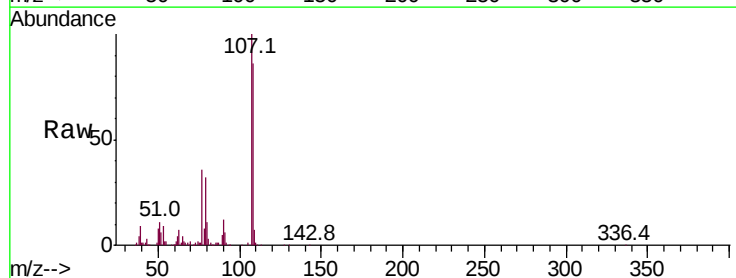


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

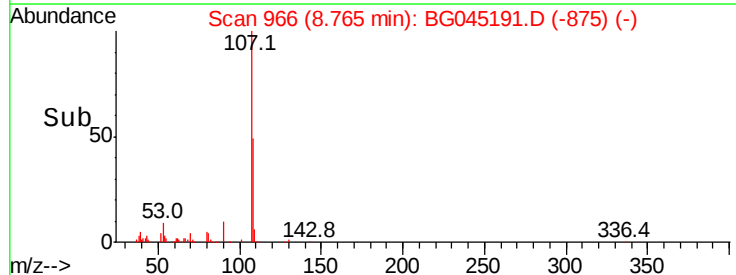
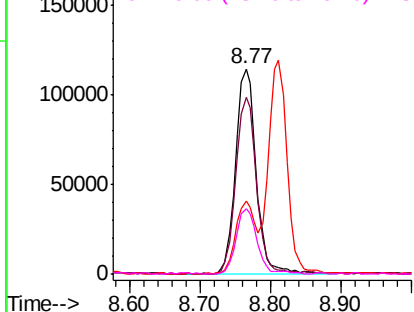


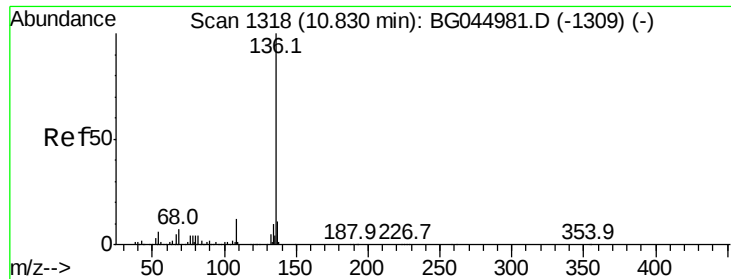
#20
3+4-Methylphenols
Concen: 39.685 ng
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion:	107	Resp:	231988
Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.9	109.9
77	35.6	15.2	55.2
79	31.6	11.6	51.6



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

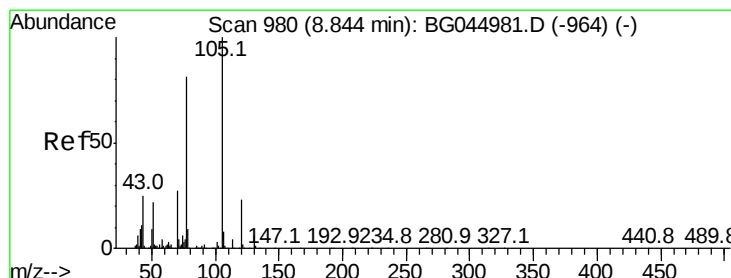
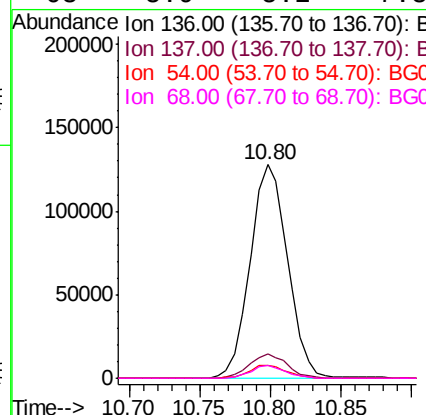
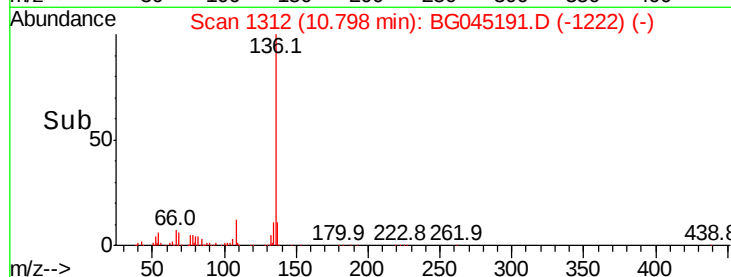
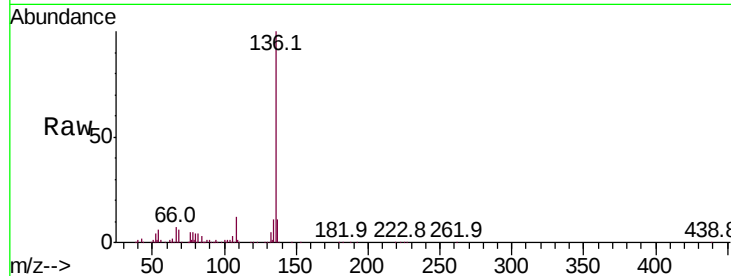




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

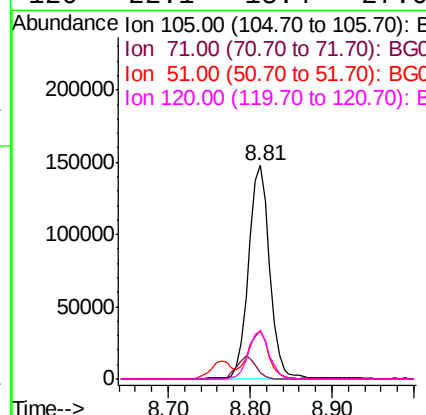
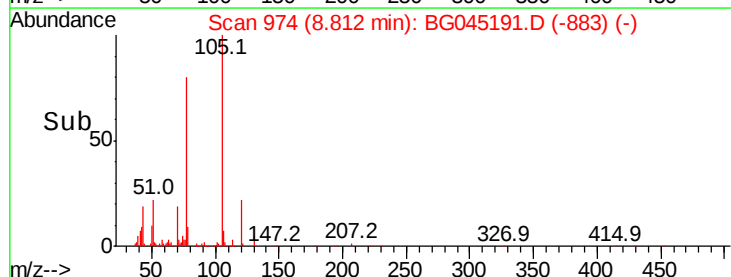
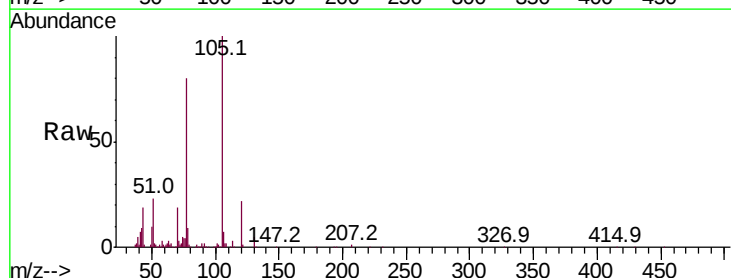
Instrument :
BNA_G
ClientSampleId :
PB128402BSD

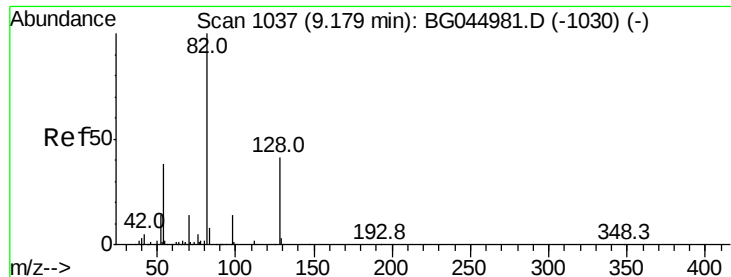
Tot Ion:	136	Resp:	237277
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	5.9	4.8	7.2
68	5.9	5.2	7.8



#22
Acetophenone
Concen: 41.607 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion:	105	Resp:	266972
Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.3	4.9#
51	22.6	17.3	25.9
120	22.1	18.4	27.6

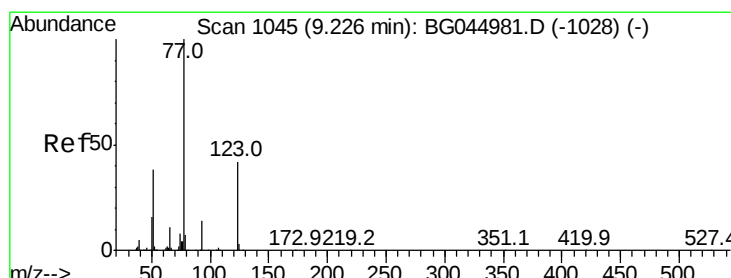
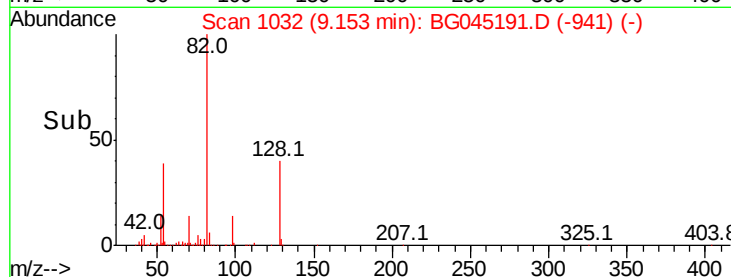
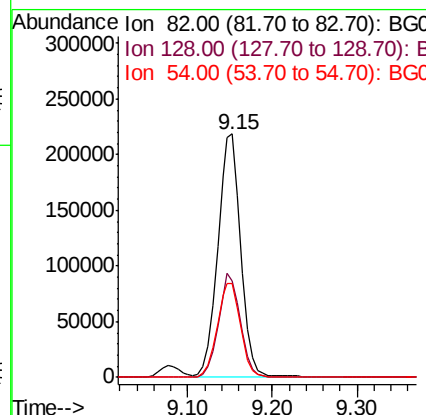
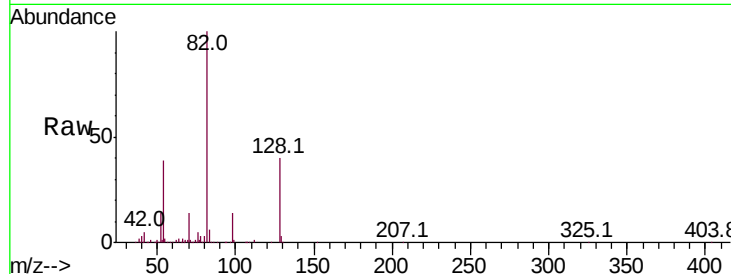




#23
 Nitrobenzene-d5
 Concen: 79.837 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

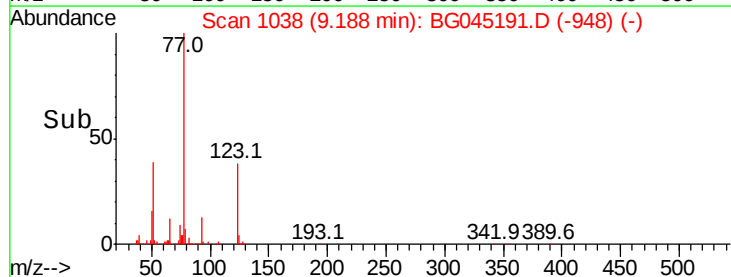
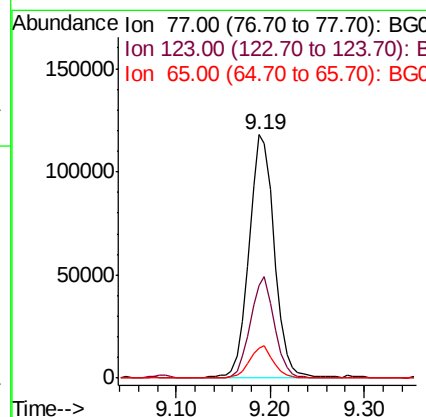
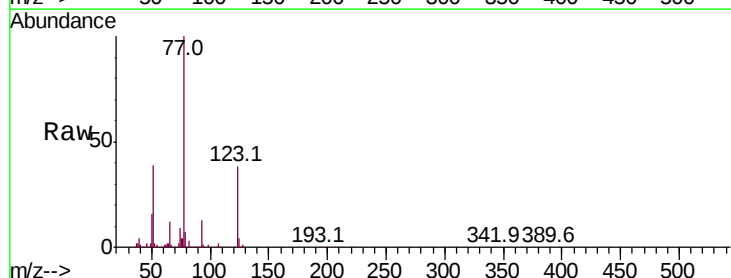
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

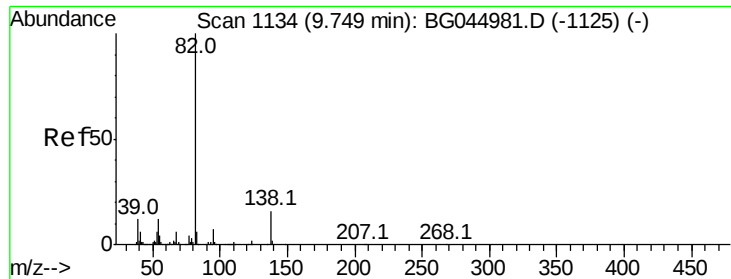
Tot Ion	82	Resp	415164
Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.0	49.4
54	38.8	30.4	45.6



#24
 Nitrobenzene
 Concen: 41.136 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion	77	Resp	219268
Ion	Ratio	Lower	Upper
77	100		
123	38.2	34.3	51.5
65	12.2	8.9	13.3

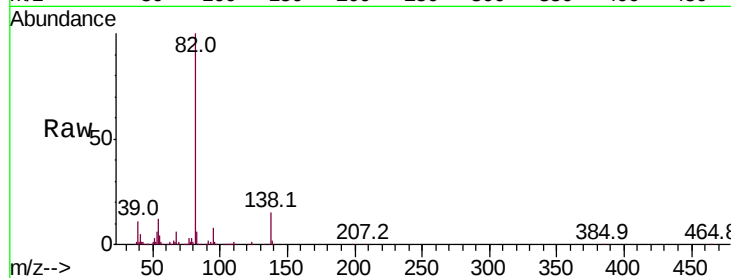




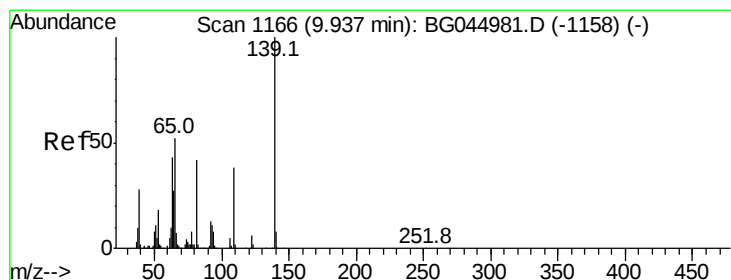
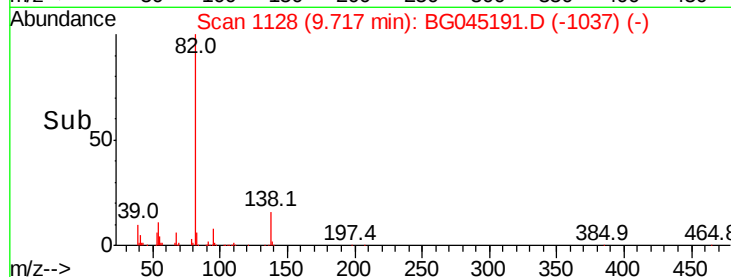
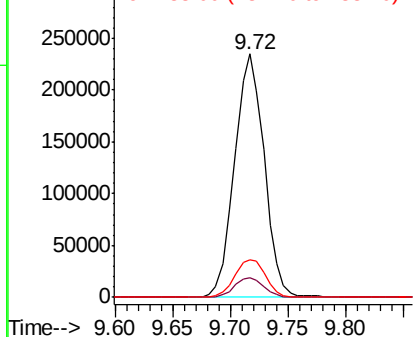
#25
Isophorone
Concen: 39.182 ng
RT: 9.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion: 82 Resp: 417258
Ion Ratio Lower Upper
82 100
95 8.1 6.0 9.0
138 15.5 12.7 19.1

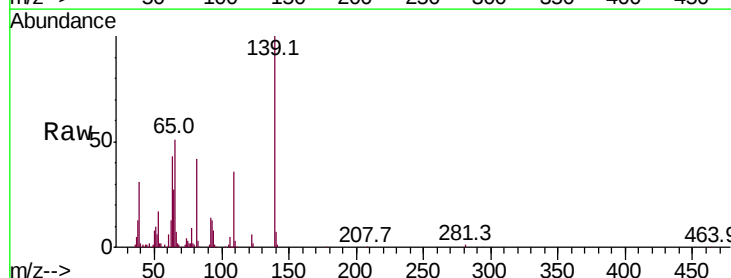


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

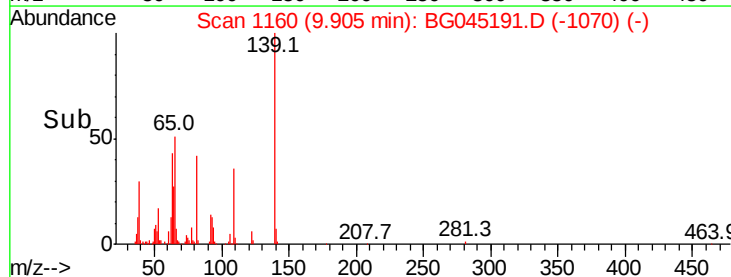
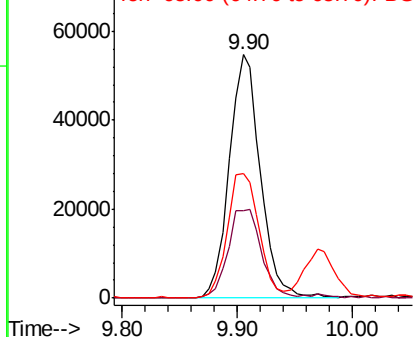


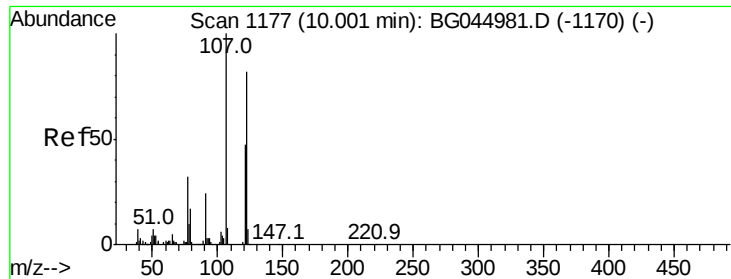
#26
2-Nitrophenol
Concen: 44.299 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion: 139 Resp: 101712
Ion Ratio Lower Upper
139 100
109 35.9 30.6 45.8
65 51.3 41.8 62.6



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

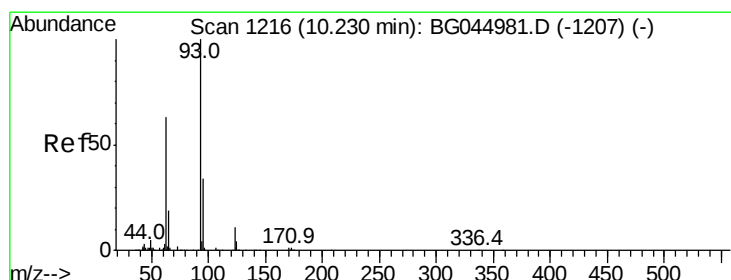
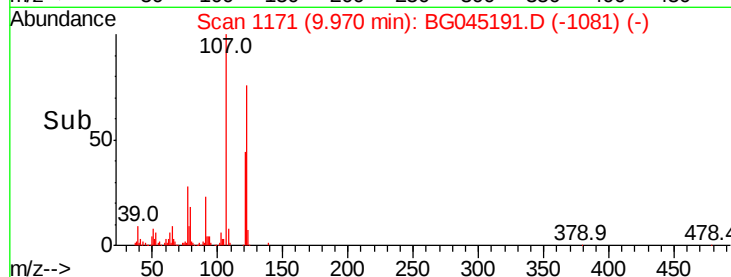
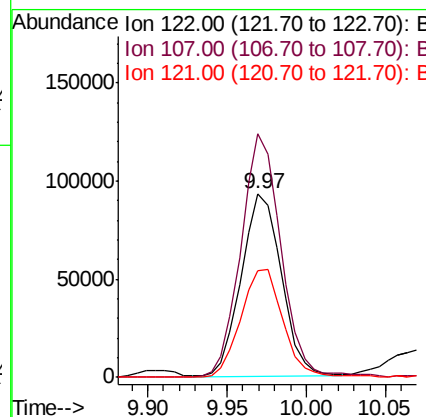
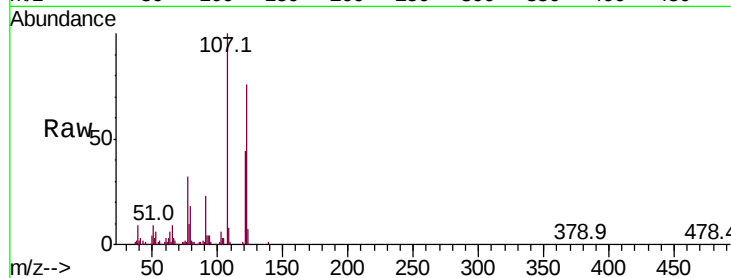




#27
 2,4-Dimethylphenol
 Concen: 45.516 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

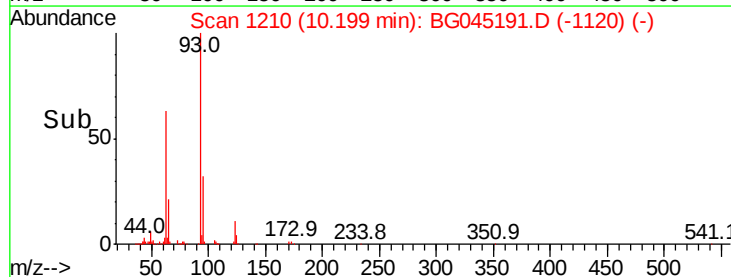
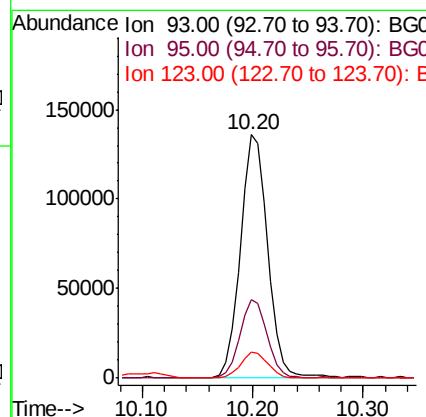
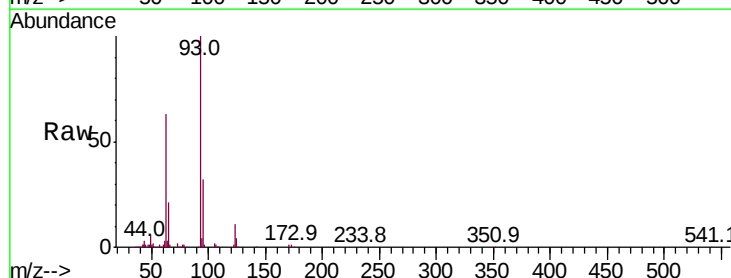
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

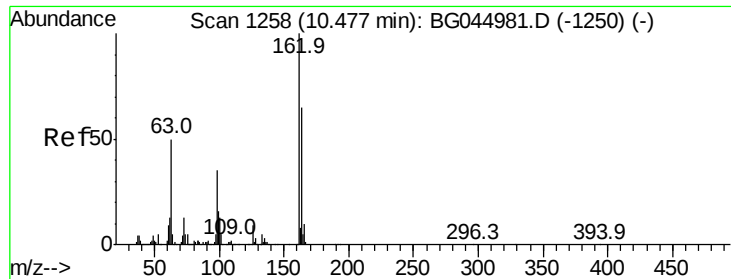
Tot Ion:122 Resp: 165823
 Ion Ratio Lower Upper
 122 100
 107 132.3 96.8 145.2
 121 57.6 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.304 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion: 93 Resp: 236700
 Ion Ratio Lower Upper
 93 100
 95 32.3 27.0 40.4
 123 10.6 8.7 13.1

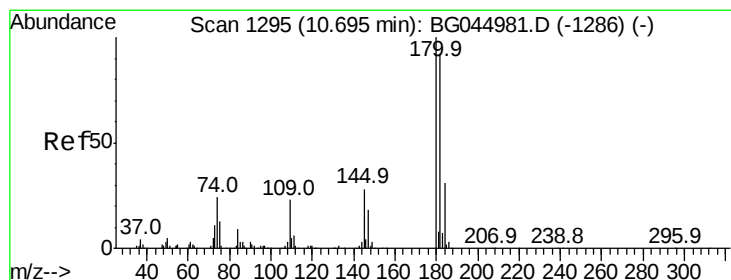
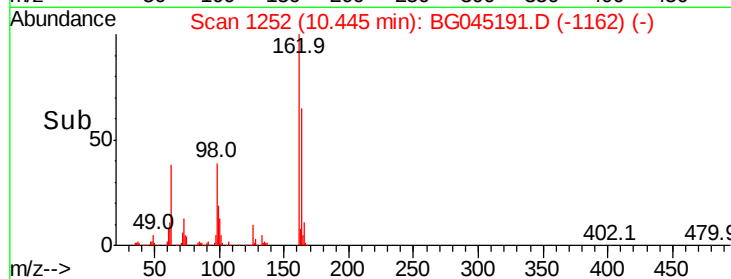
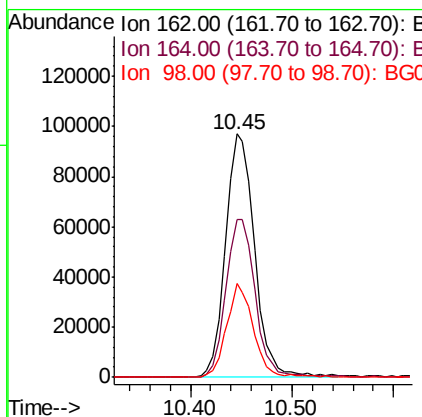
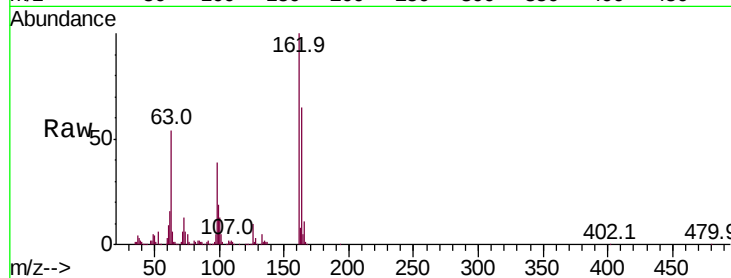




#29
2,4-Dichlorophenol
Concen: 45.808 ng
RT: 10.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

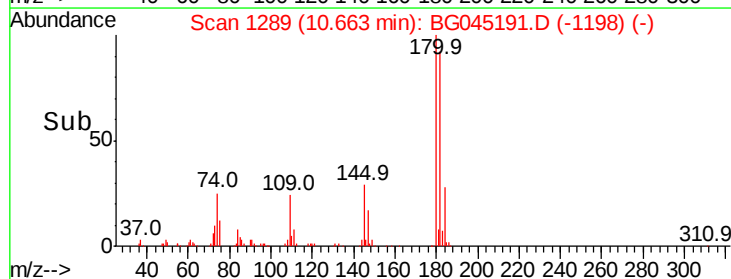
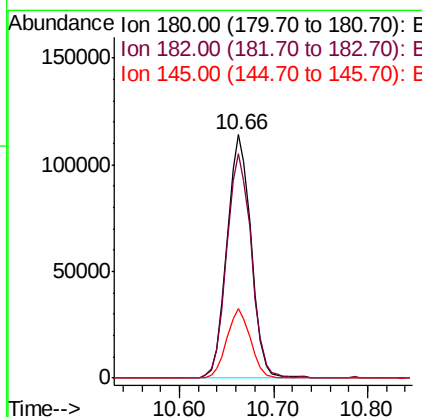
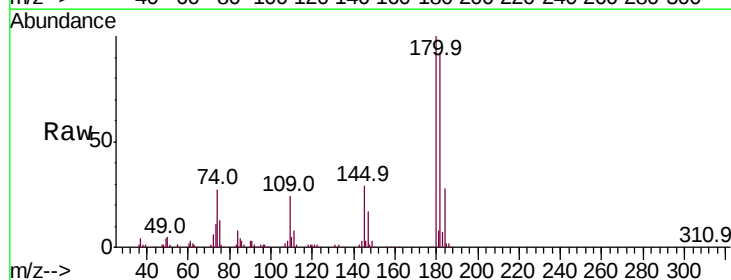
Instrument :
BNA_G
ClientSampleId :
PB128402BSD

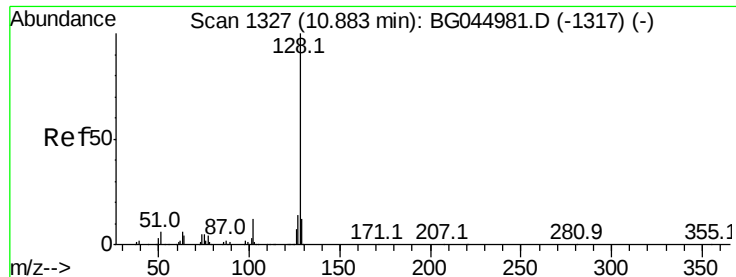
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.0	85.0
98	38.7	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 42.563 ng
RT: 10.66 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	73.3	109.9
145	28.6	22.6	33.8

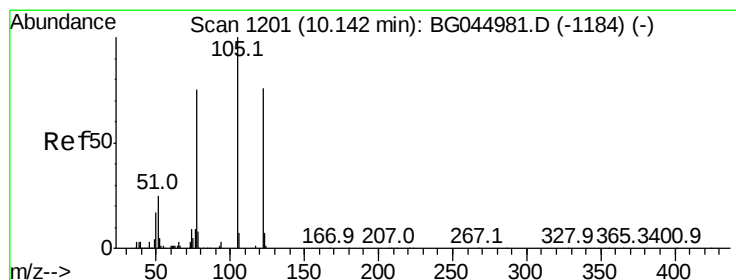
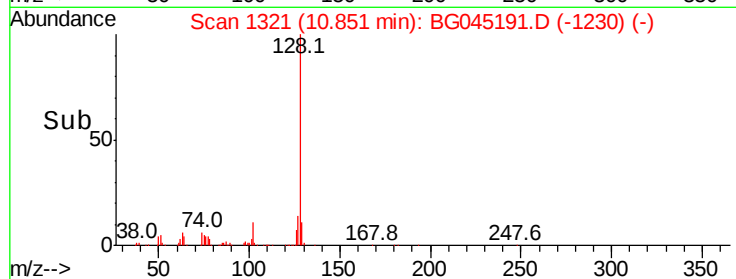
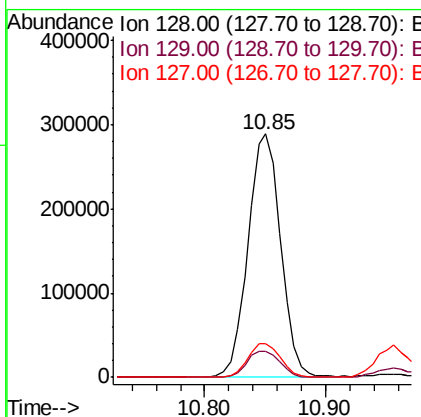
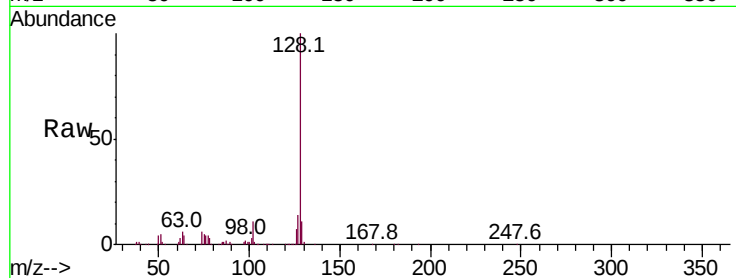




#31
Naphthalene
Concen: 42.121 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

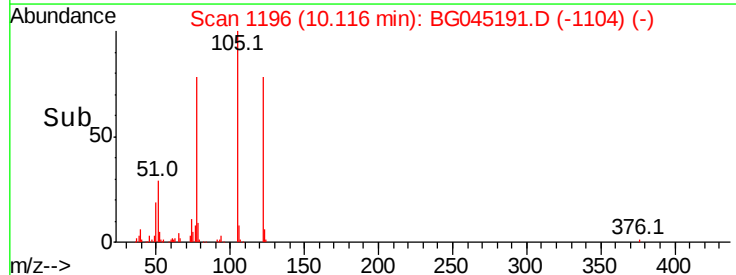
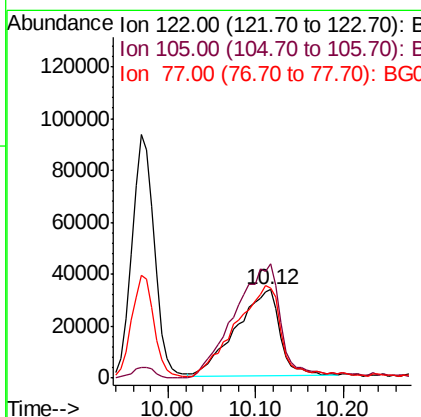
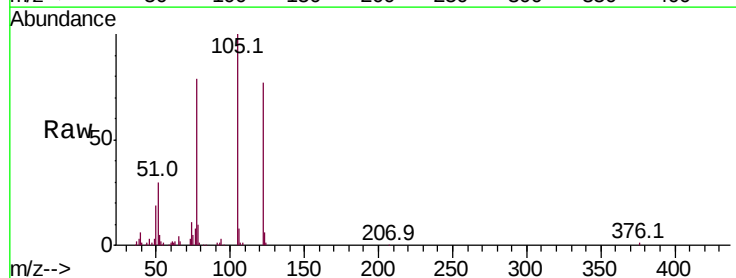
Instrument :
BNA_G
ClientSampleId :
PB128402BSD

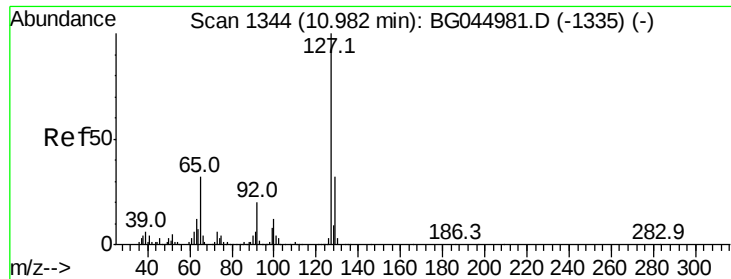
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	14.0	10.8	16.2



#32
Benzoic acid
Concen: 40.060 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.8	108.4	148.4
77	102.1	78.8	118.8

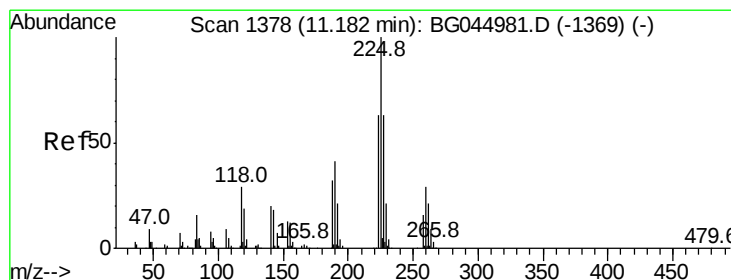
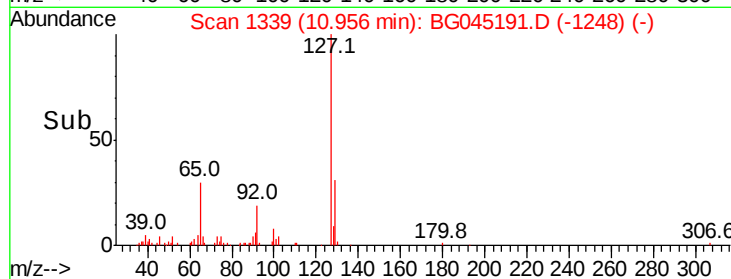
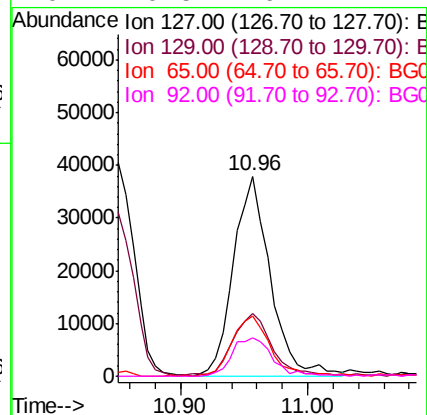
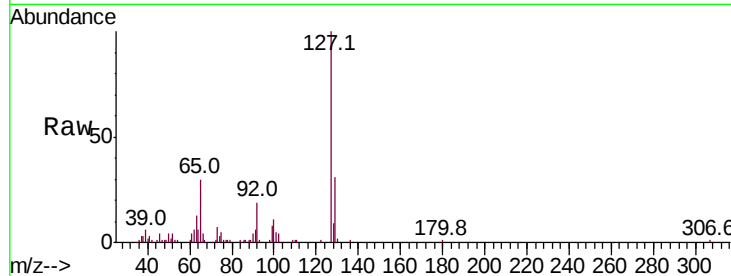




#33
4-Chloroaniline
Concen: 12.634 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

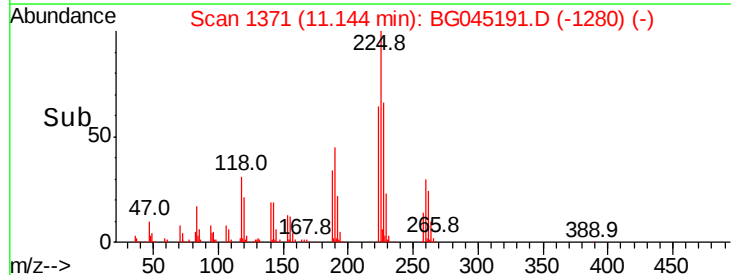
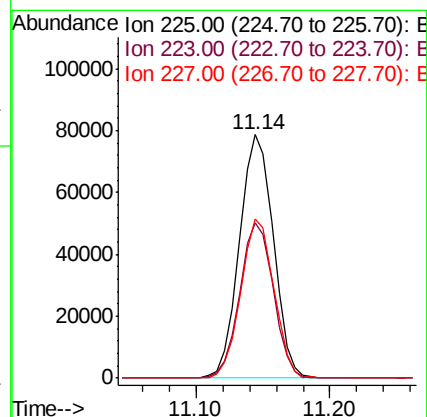
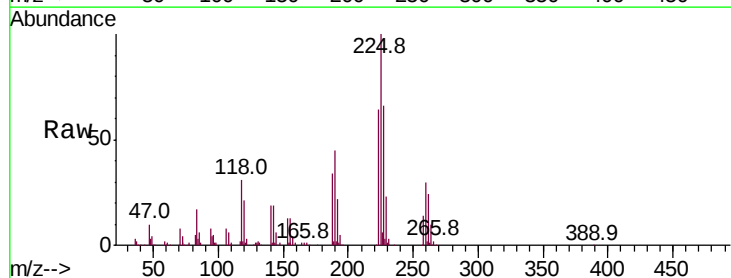
Instrument :
BNA_G
ClientSampleId :
PB128402BSD

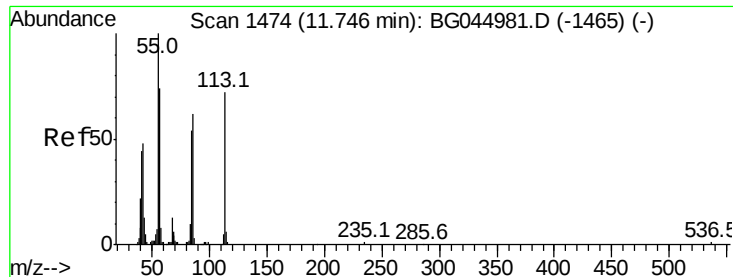
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	30.1	25.4	38.2
92	19.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.390 ng
RT: 11.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.7	76.1
227	65.6	50.2	75.2





#35

Caprolactam

Concen: 25.751 ng

RT: 11.72 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

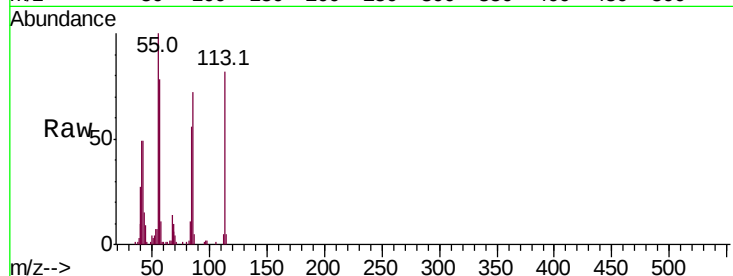
Tot Ion:113 Resp: 43114

Ion Ratio Lower Upper

113 100

55 122.7 118.8 158.8

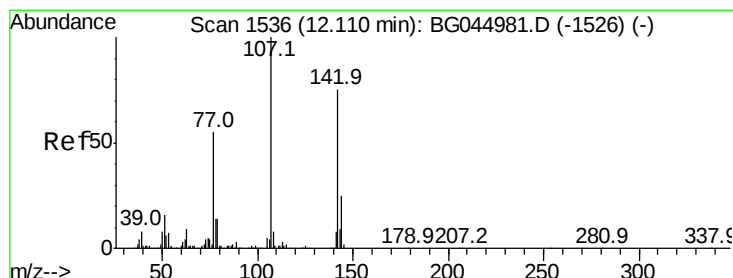
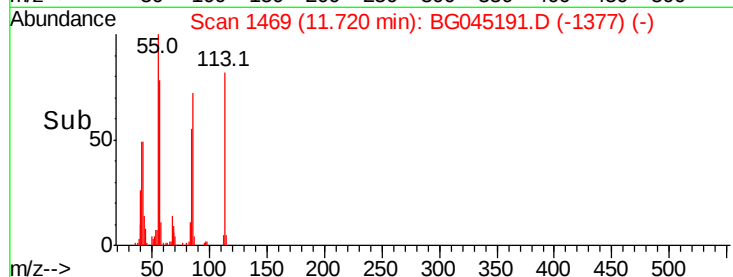
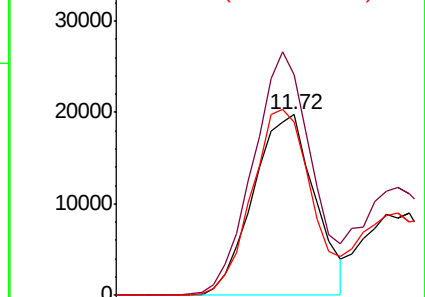
56 96.0 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.331 ng

RT: 12.08 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

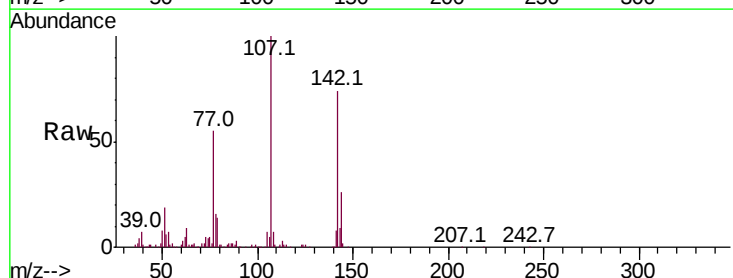
Tgt Ion:107 Resp: 224015

Ion Ratio Lower Upper

107 100

144 25.6 19.8 29.6

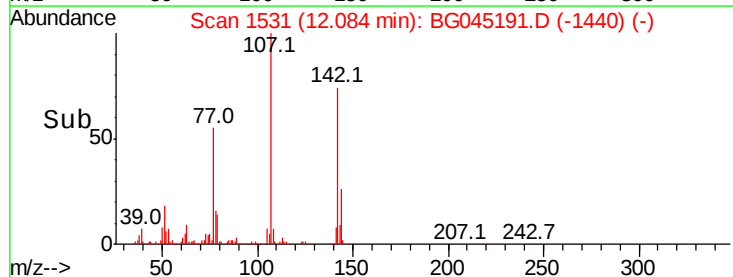
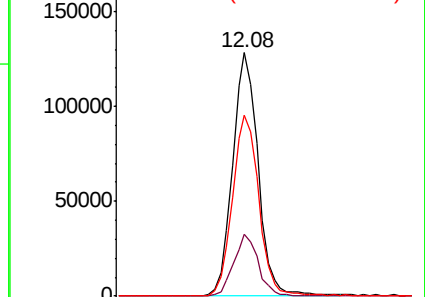
142 74.1 59.7 89.5

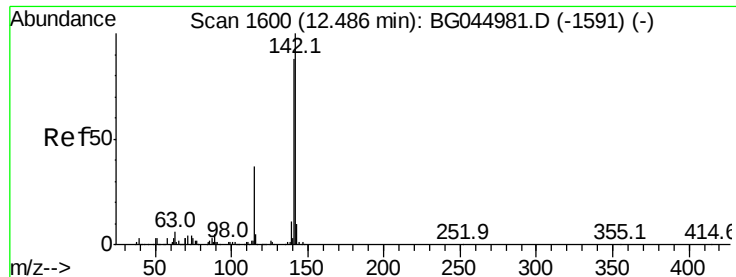


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

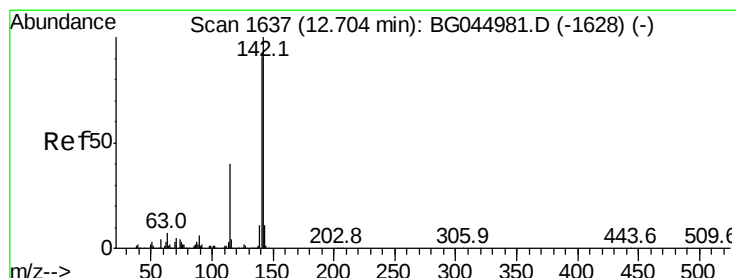
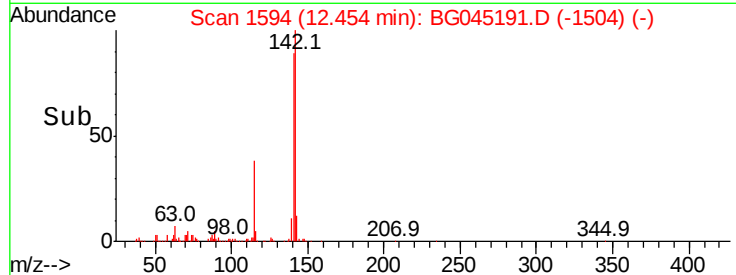
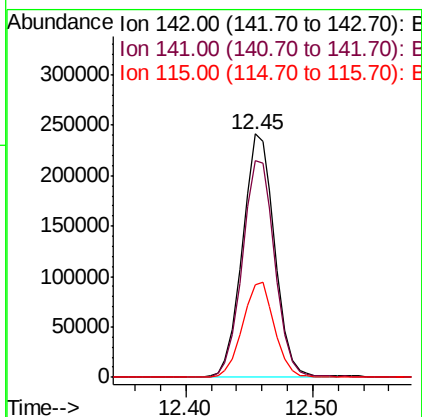
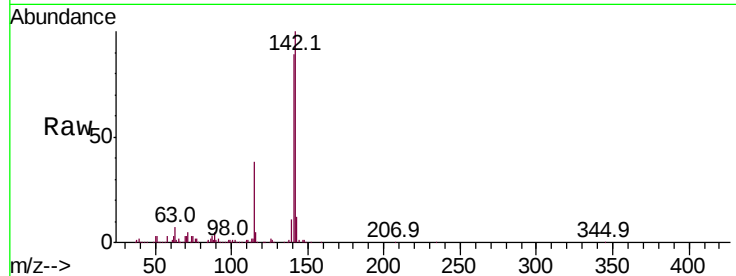




#37
2-Methylnaphthalene
Concen: 42.270 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

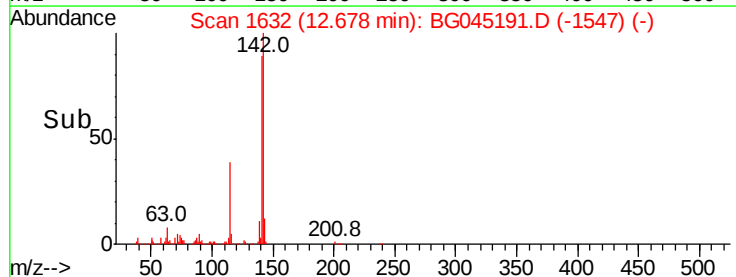
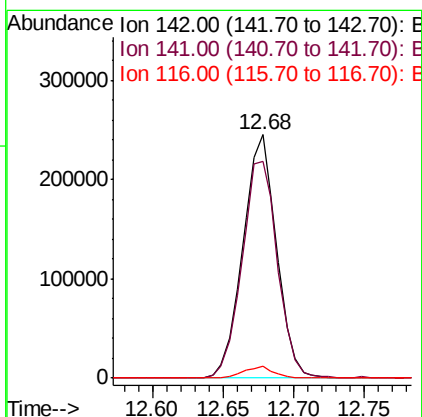
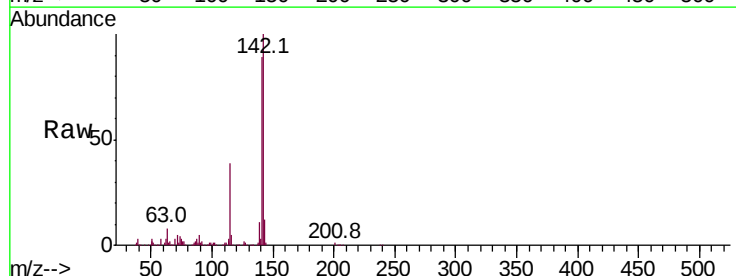
Instrument :
BNA_G
ClientSampleId :
PB128402BSD

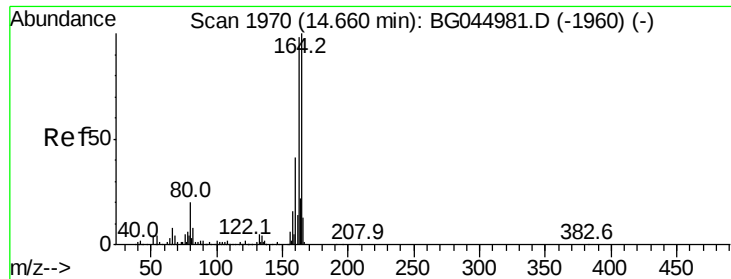
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	38.0	29.8	44.6



#38
1-Methylnaphthalene
Concen: 42.856 ng
RT: 12.68 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.7	109.1
116	4.8	3.1	4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

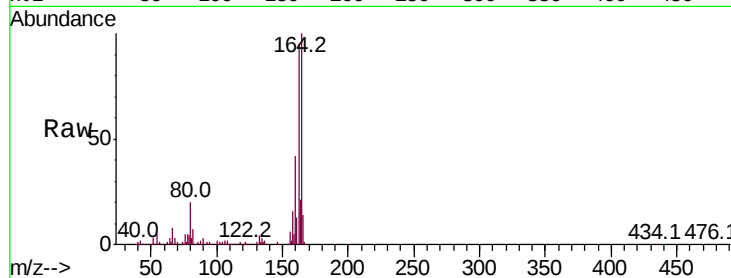
Tot Ion:164 Resp: 183353

Ion Ratio Lower Upper

164 100

162 95.2 78.7 118.1

160 42.2 32.8 49.2

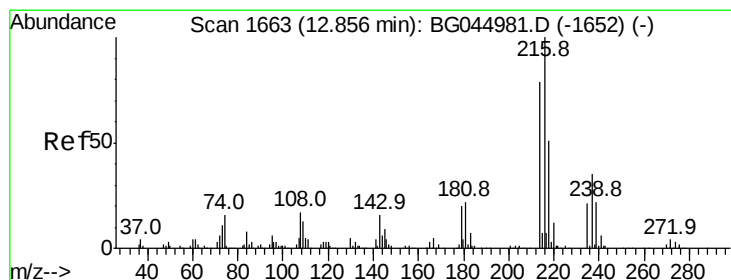
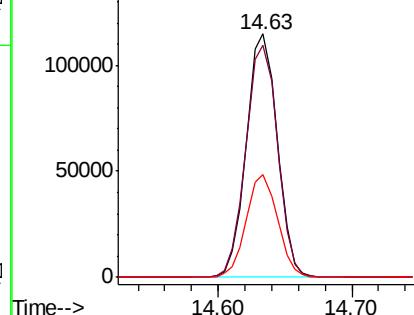
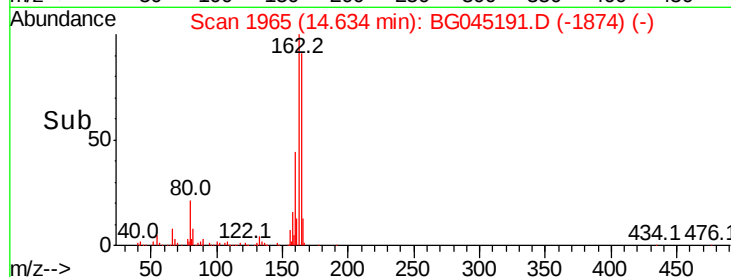


Abundance

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: 40.361 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:216 Resp: 238273

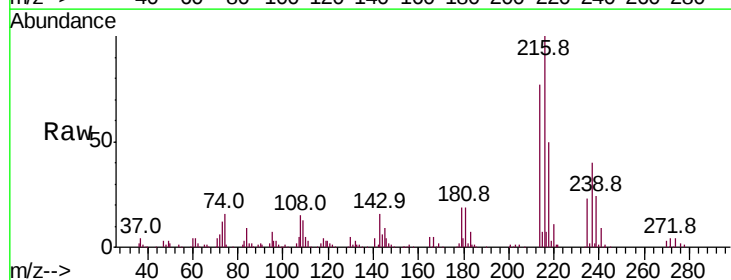
Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.6

179 19.8 15.8 23.8

108 19.5 14.2 21.2



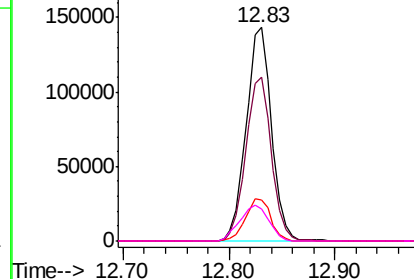
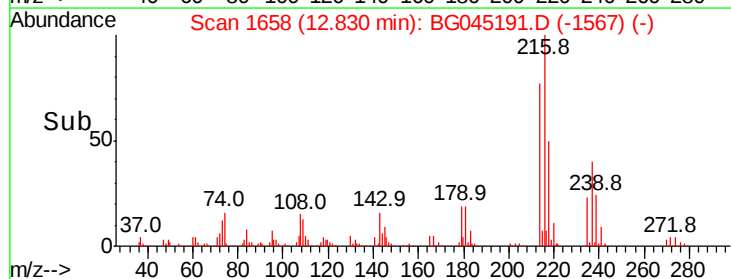
Abundance

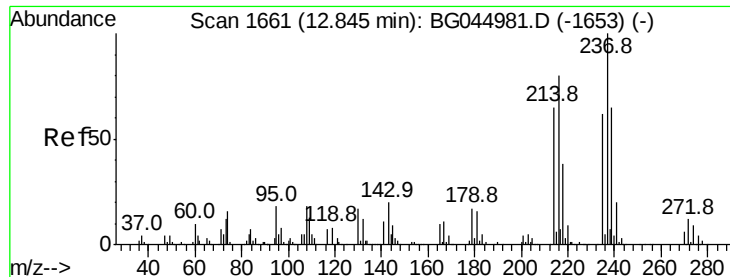
Ion 216.00 (215.70 to 216.70): E

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: 90.723 ng

RT: 12.81 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

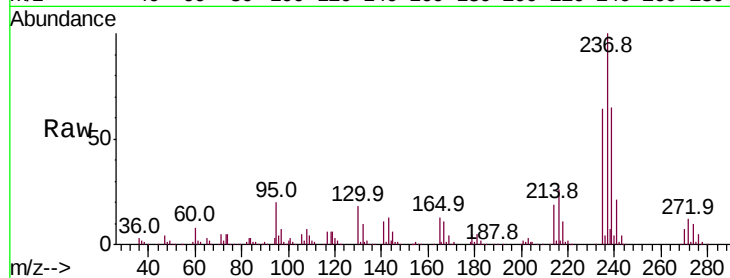
Tot Ion:237 Resp: 334748

Ion Ratio Lower Upper

237 100

235 63.5 41.6 81.6

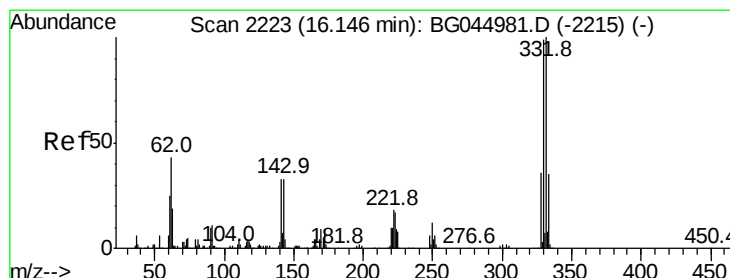
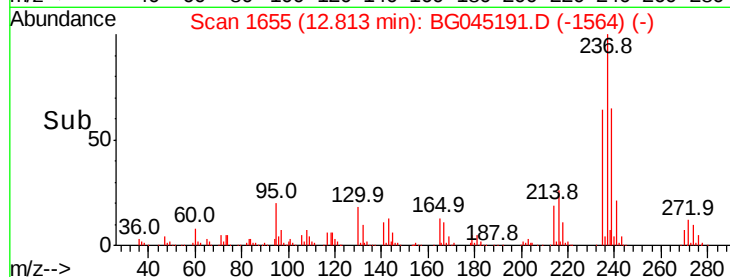
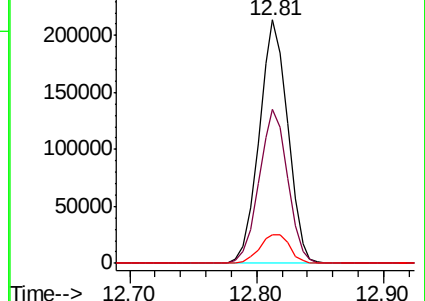
272 12.0 0.0 32.1



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: 88.980 ng

RT: 16.13 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

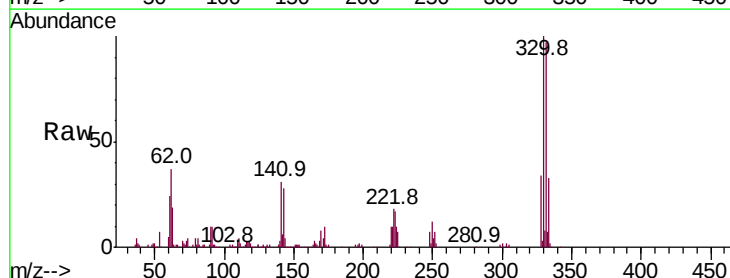
Tgt Ion:330 Resp: 252041

Ion Ratio Lower Upper

330 100

332 97.2 79.1 118.7

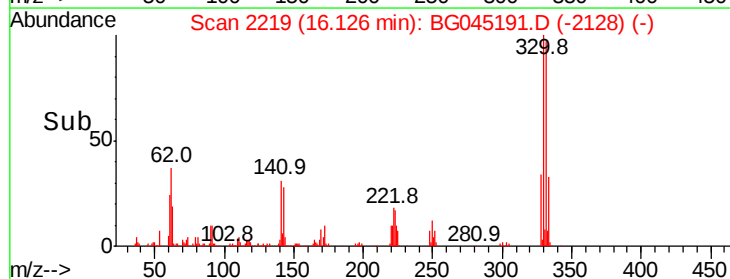
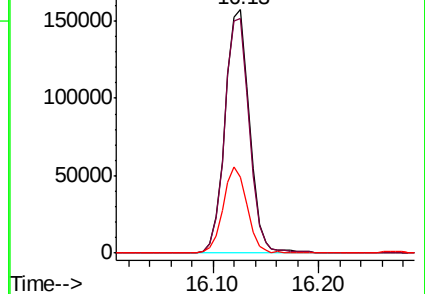
141 34.6 27.1 40.7

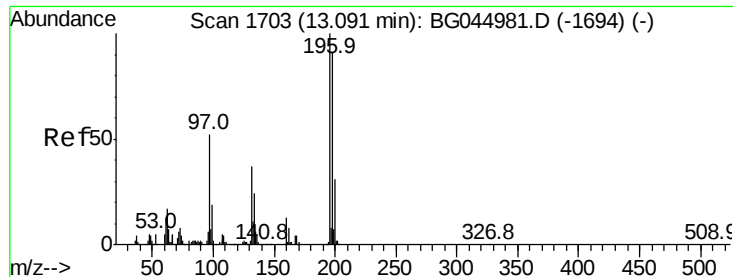


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

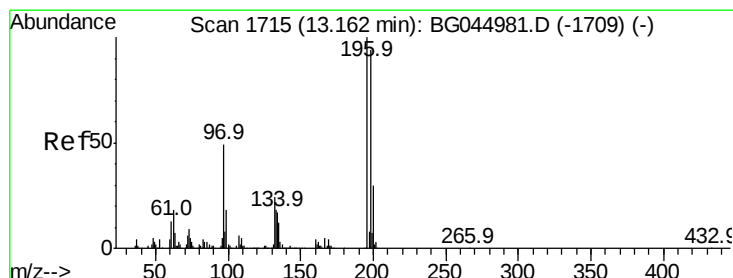
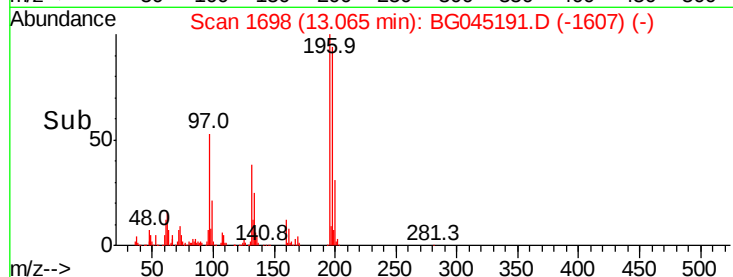
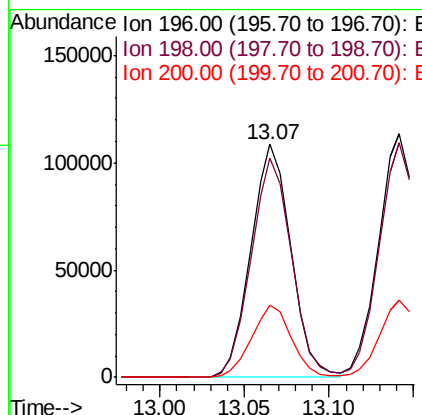
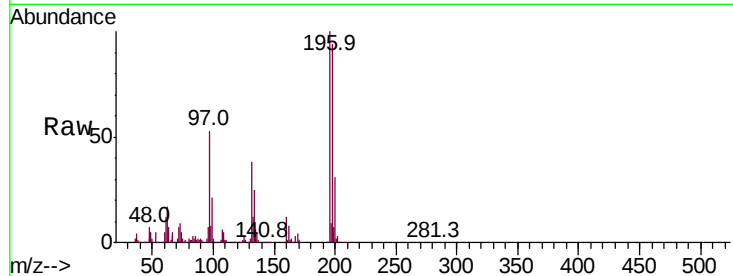




#43
 2,4,6-Trichlorophenol
 Concen: 42.837 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

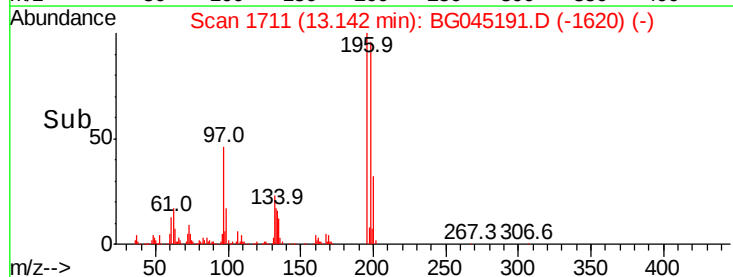
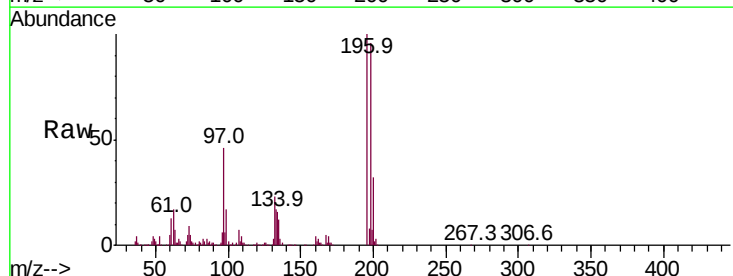
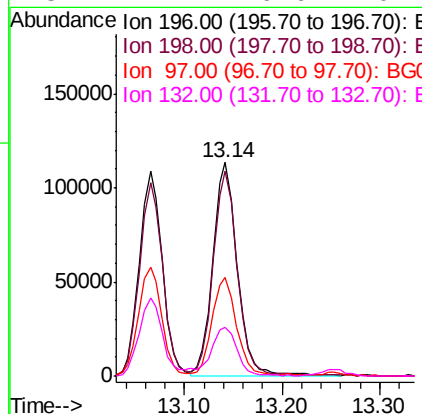
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

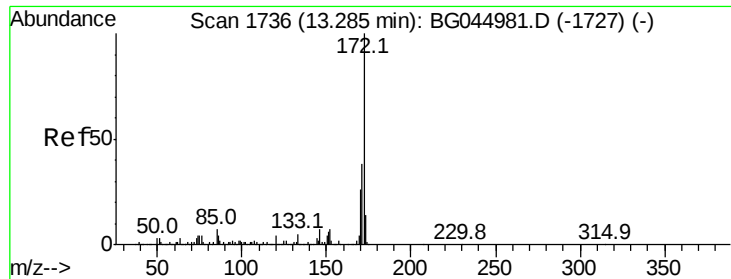
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	72.5	108.7
200	31.1	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 41.798 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
97	46.3	39.6	59.4
132	22.7	19.6	29.4



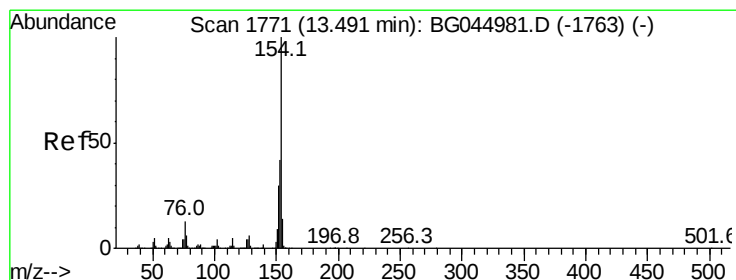
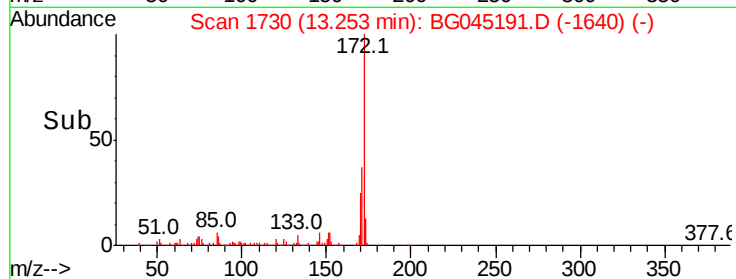
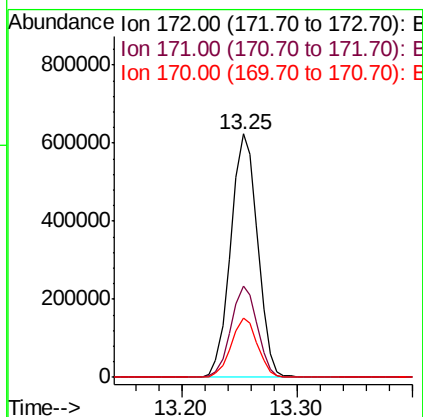
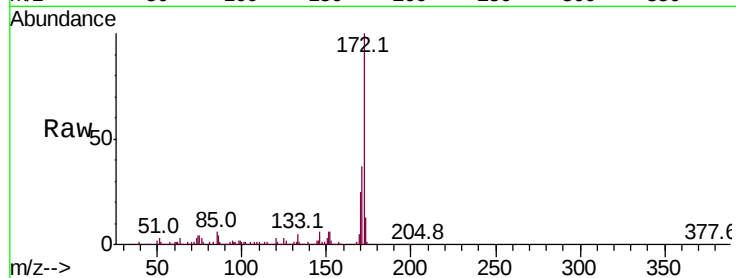


#45
 2-Fluorobiphenyl
 Concen: 80.371 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

Tot Ion:172 Resp: 1004989

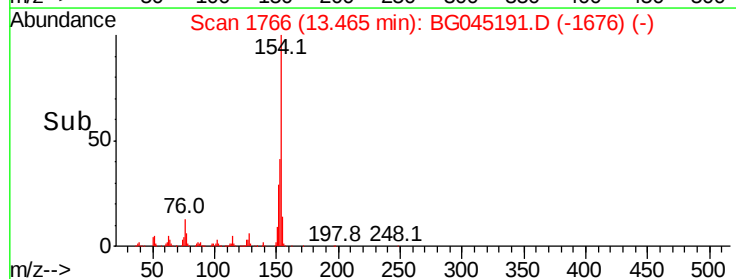
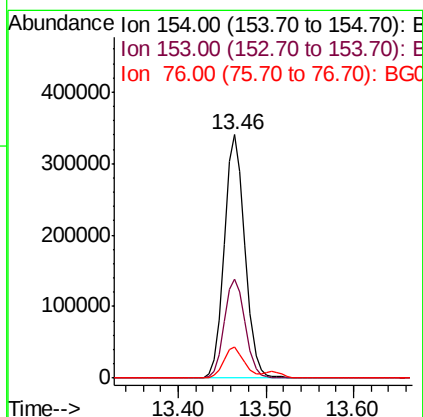
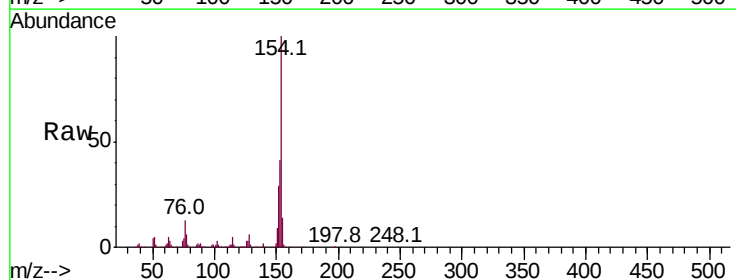
Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.6	46.0
170	24.6	20.5	30.7

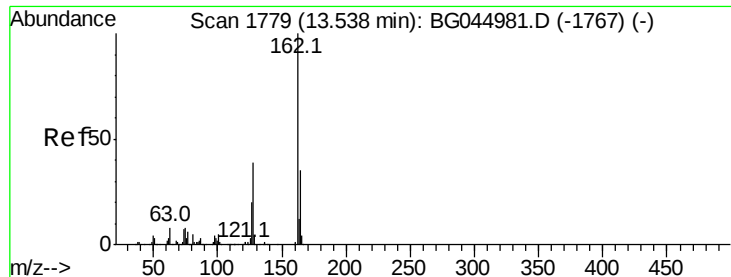


#46
 1,1'-Biphenyl
 Concen: 39.739 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion:154 Resp: 553802

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.9	61.9
76	12.5	0.0	33.1

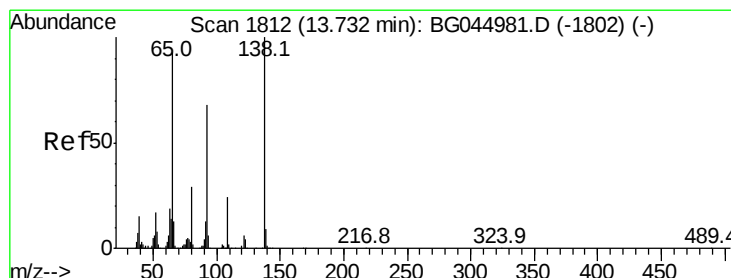
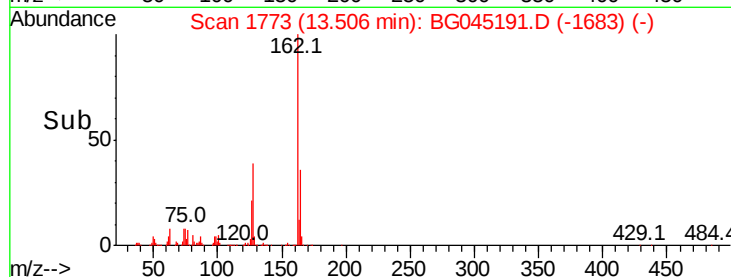
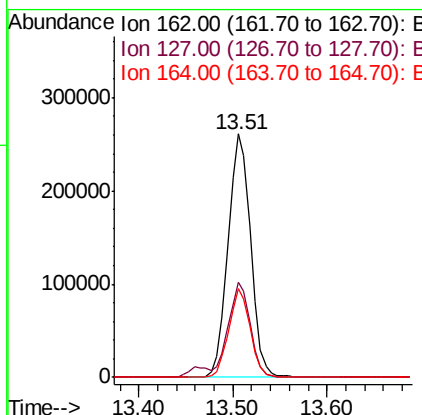
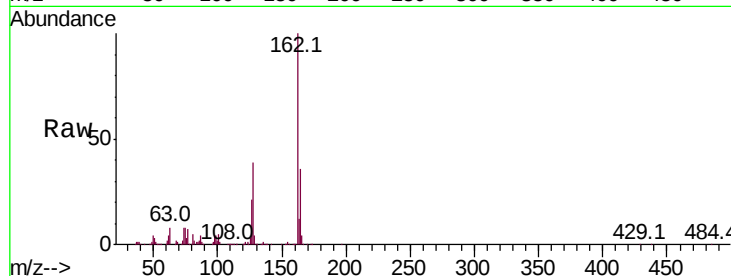




#47
2-Chloronaphthalene
Concen: 40.820 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

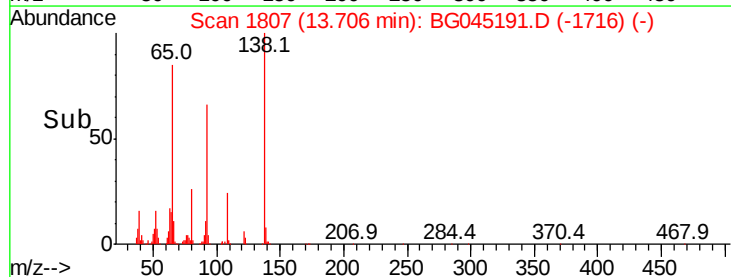
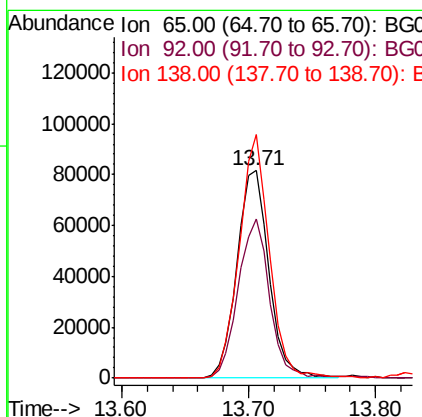
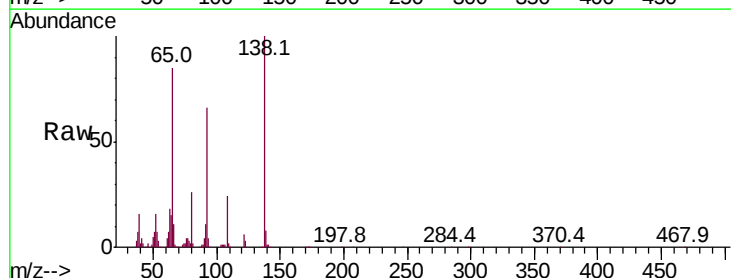
Instrument :
BNA_G
ClientSampleId :
PB128402BSD

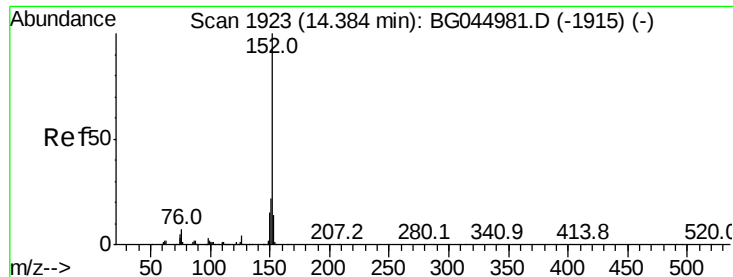
Tot Ion:162 Resp: 434671
Ion Ratio Lower Upper
162 100
127 39.1 31.3 46.9
164 36.2 27.8 41.8



#48
2-Nitroaniline
Concen: 40.830 ng
RT: 13.71 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion: 65 Resp: 143052
Ion Ratio Lower Upper
65 100
92 76.8 58.3 87.5
138 117.3 85.6 128.4





#49

Acenaphthylene

Concen: 42.451 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

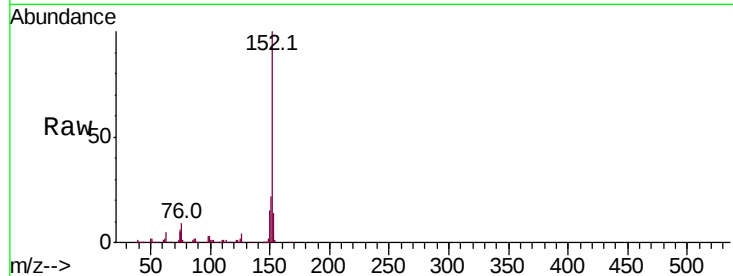
Tot Ion:152 Resp: 736314

Ion Ratio Lower Upper

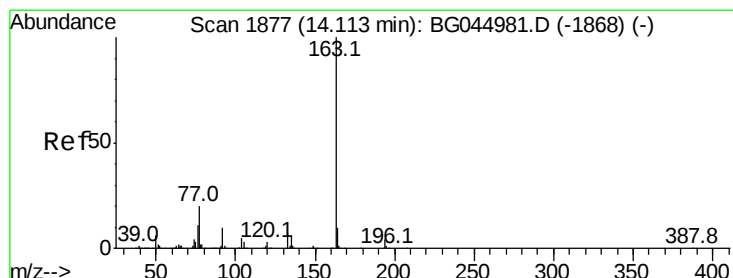
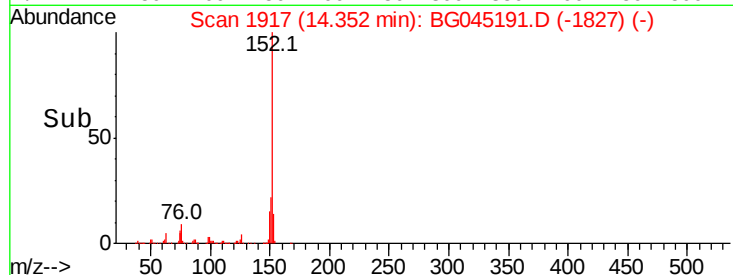
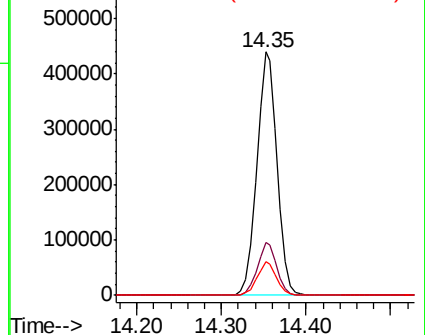
152 100

151 21.5 17.2 25.8

153 14.0 11.0 16.4



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: 42.310 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

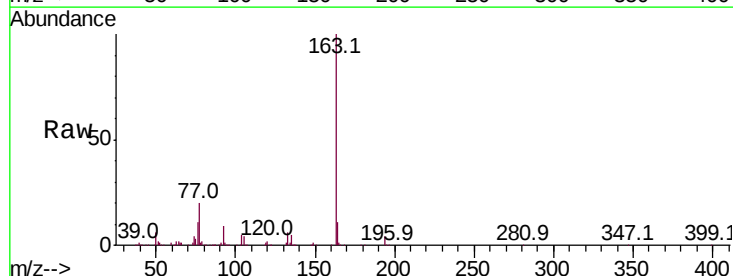
Tgt Ion:163 Resp: 631665

Ion Ratio Lower Upper

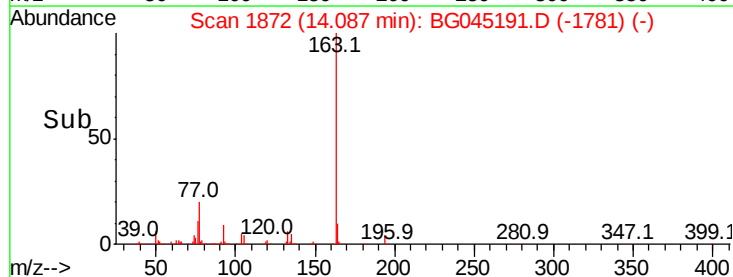
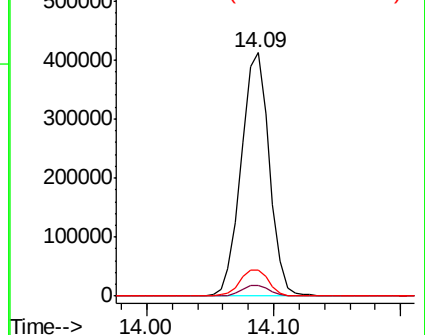
163 100

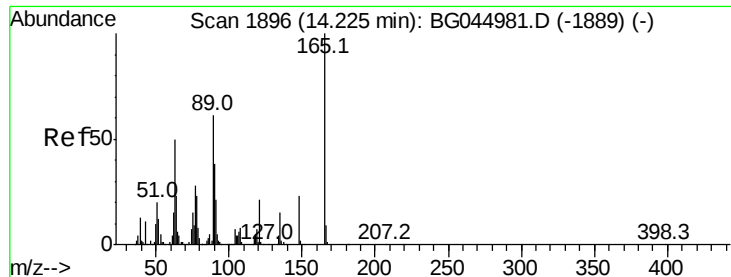
194 4.5 3.5 5.3

164 10.6 8.2 12.4



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: 42.954 ng

RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

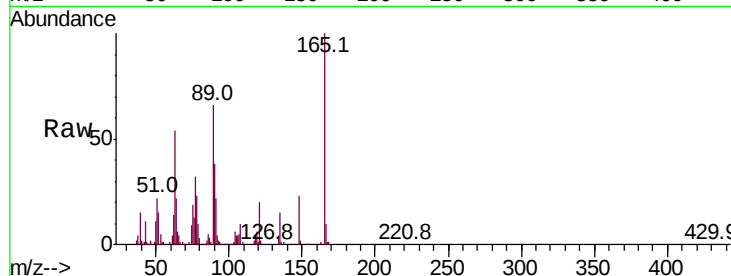
Tot Ion:165 Resp: 143435

Ion Ratio Lower Upper

165 100

63 53.7 40.4 60.6

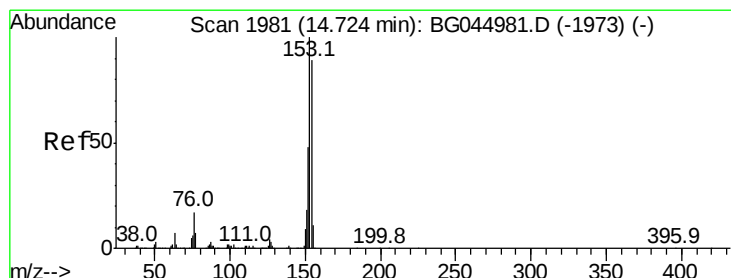
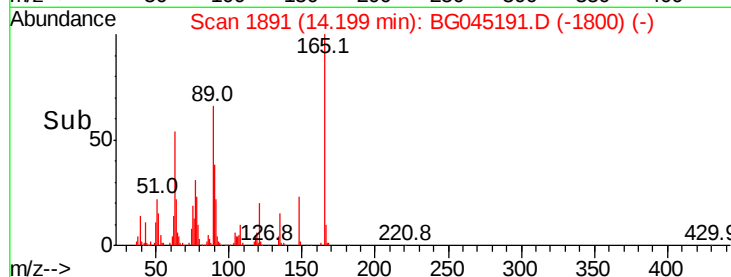
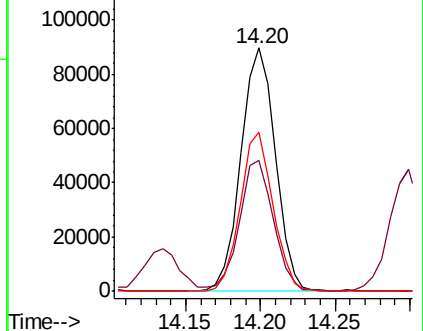
89 65.6 49.1 73.7



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



#52

Acenaphthene

Concen: 38.321 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

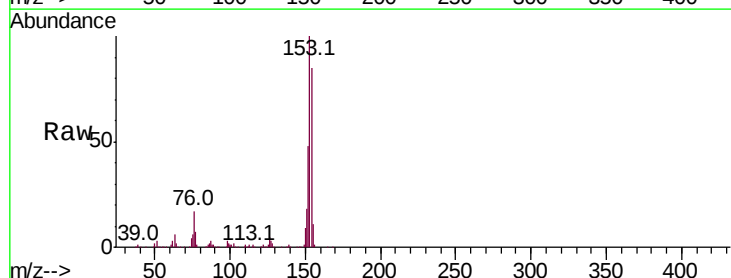
Tgt Ion:154 Resp: 449716

Ion Ratio Lower Upper

154 100

153 117.3 89.7 134.5

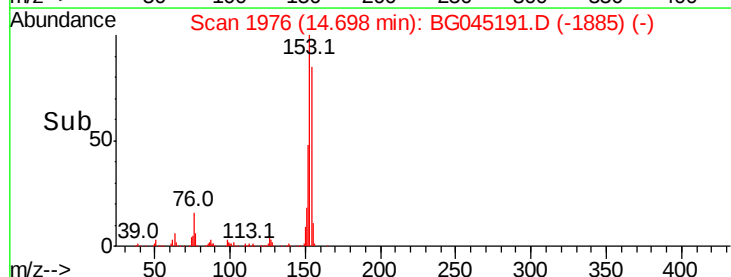
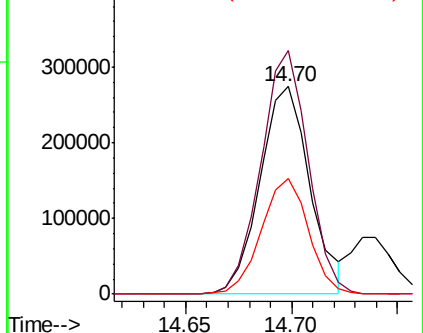
152 55.9 43.1 64.7

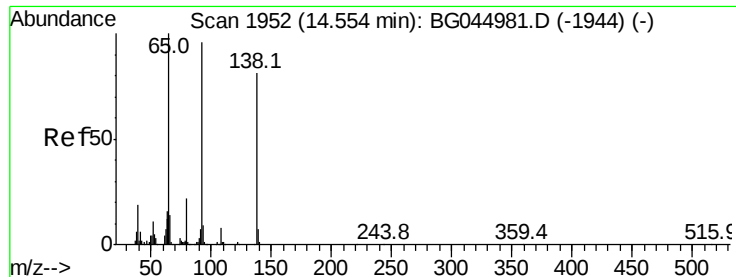


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

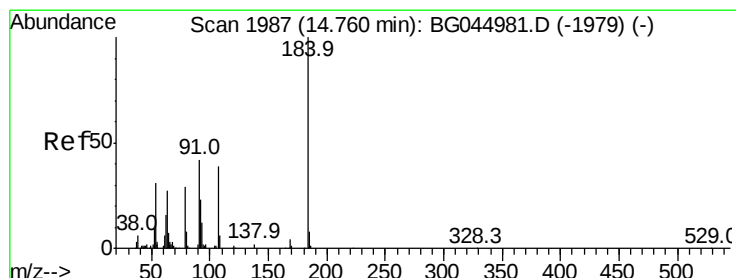
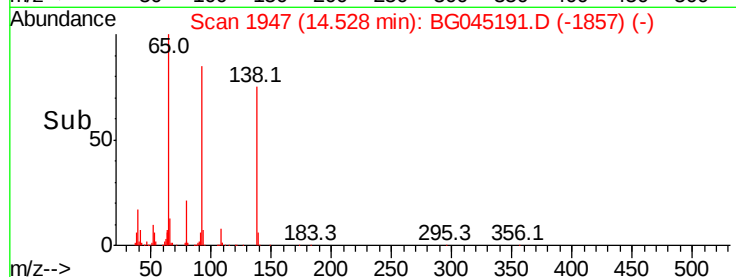
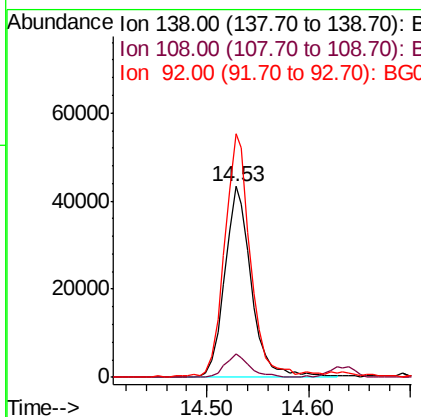
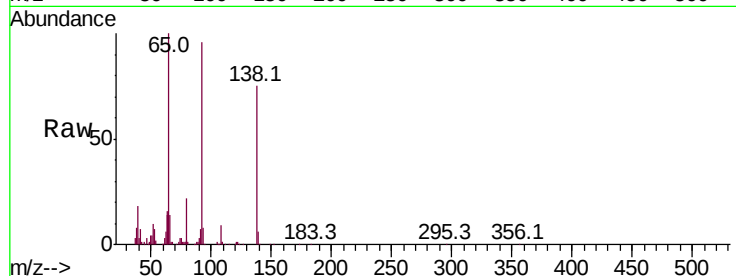




#53
3-Nitroaniline
Concen: 21.522 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

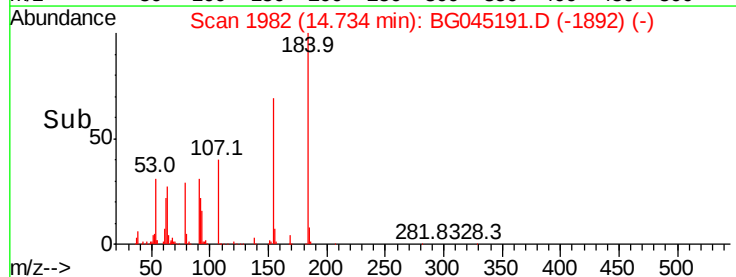
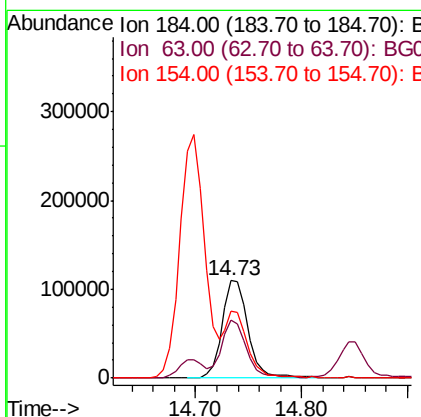
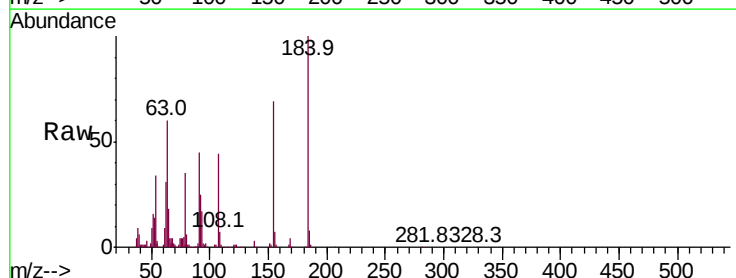
Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion:138 Resp: 78824
Ion Ratio Lower Upper
138 100
108 12.1 7.8 11.8#
92 127.8 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 94.570 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion:184 Resp: 187783
Ion Ratio Lower Upper
184 100
63 60.0 41.5 62.3
154 69.2 52.3 78.5





#55

Dibenzofuran

Concen: 42.612 ng

RT: 15.03 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

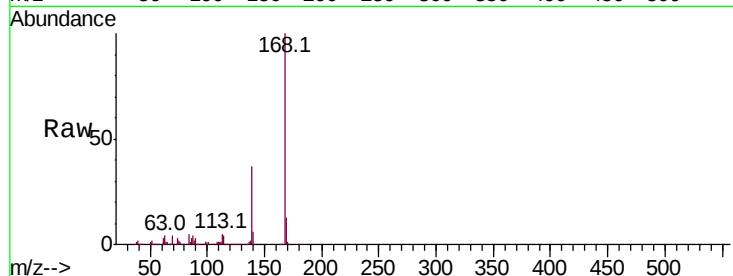
Tot Ion:168 Resp: 729075

Ion Ratio Lower Upper

168 100

139 37.4 30.4 45.6

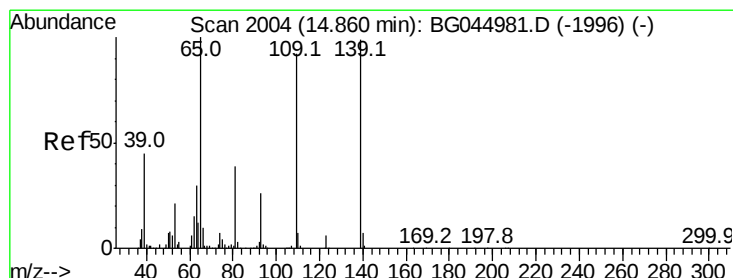
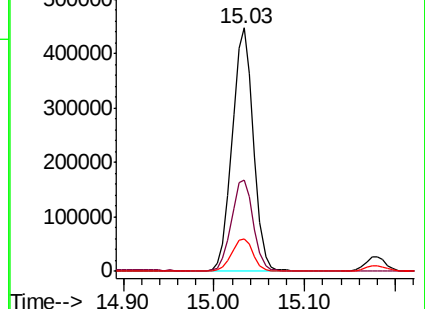
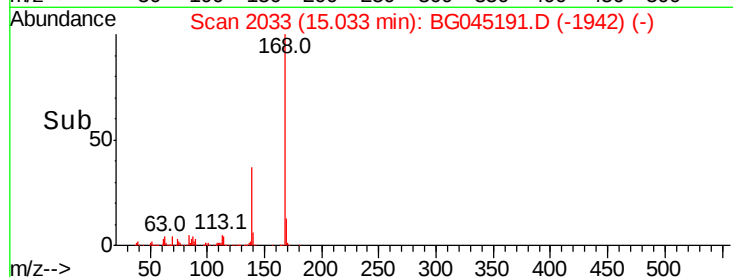
169 13.3 11.0 16.4



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: 85.906 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

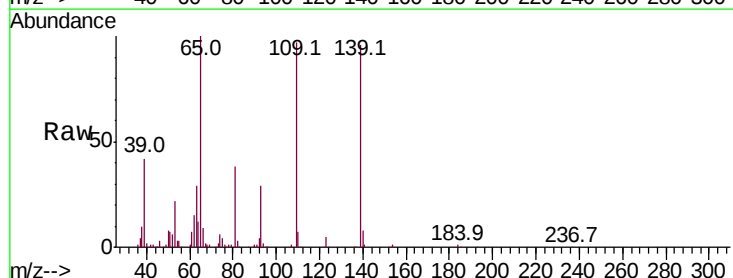
Tgt Ion:139 Resp: 243946

Ion Ratio Lower Upper

139 100

109 100.6 73.6 113.6

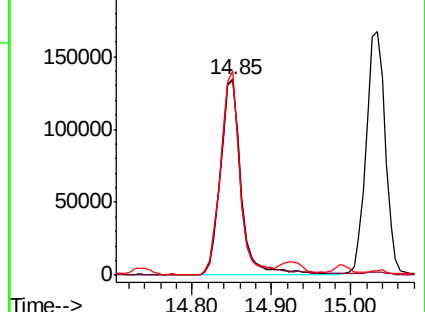
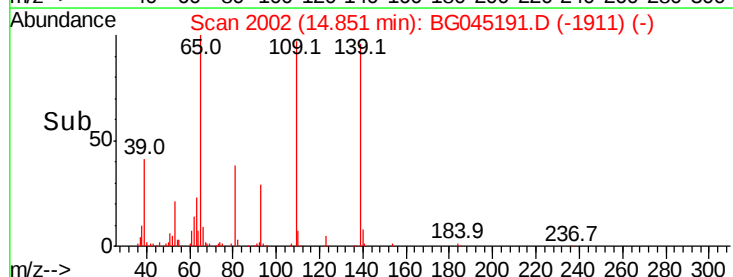
65 104.1 81.2 121.2

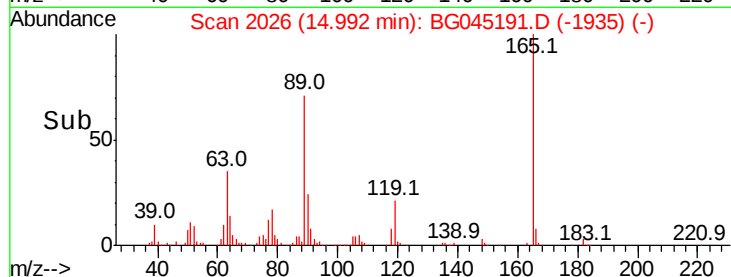
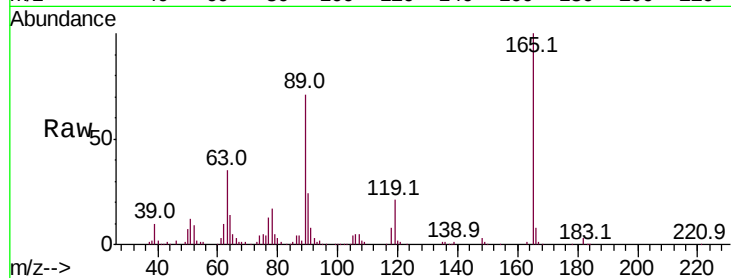
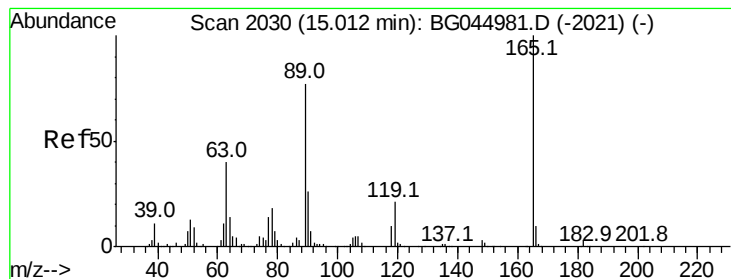


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 43.067 ng

RT: 14.99 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

Tot Ion:165 Resp: 210166

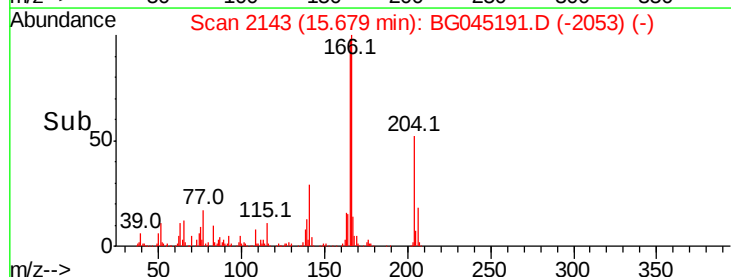
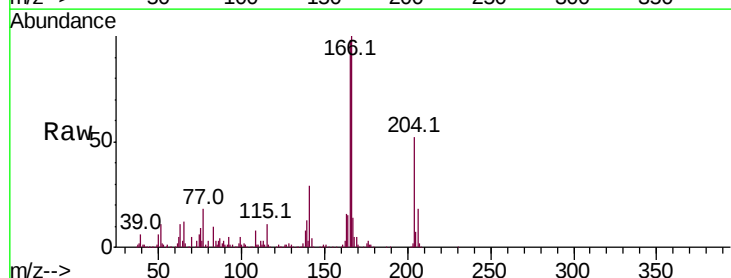
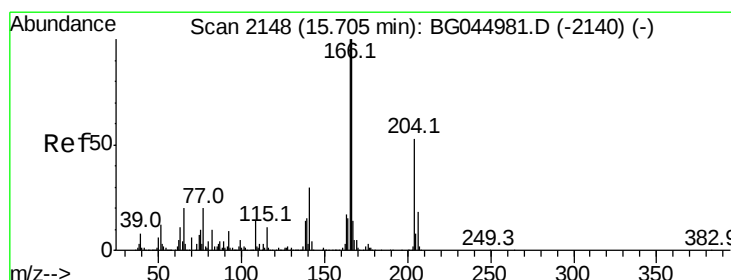
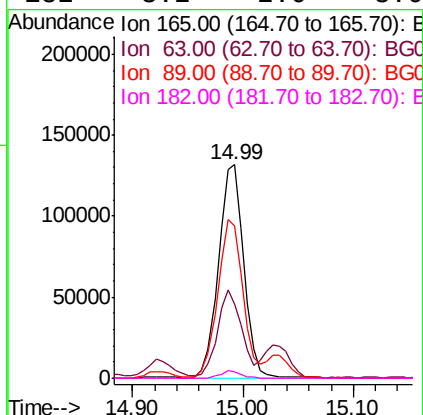
Ion Ratio Lower Upper

165 100

63 34.7 32.2 48.2

89 71.3 61.7 92.5

182 3.2 2.0 3.0#



#58

Fluorene

Concen: 43.555 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

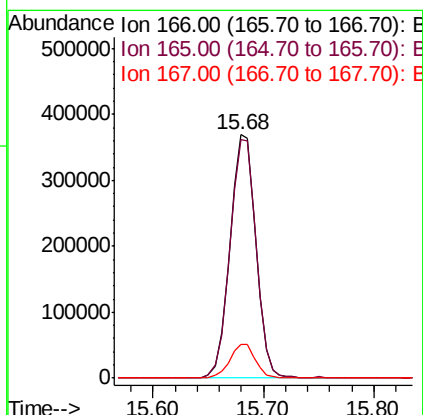
Tgt Ion:166 Resp: 608698

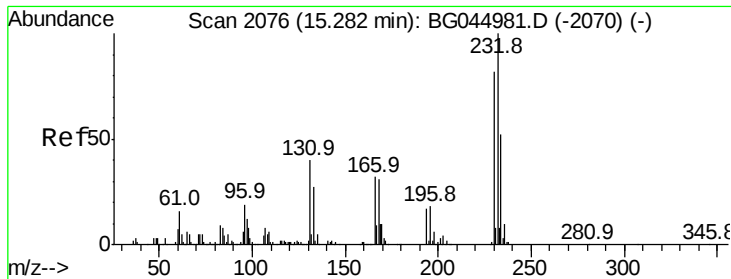
Ion Ratio Lower Upper

166 100

165 97.9 79.9 119.9

167 14.1 11.4 17.0

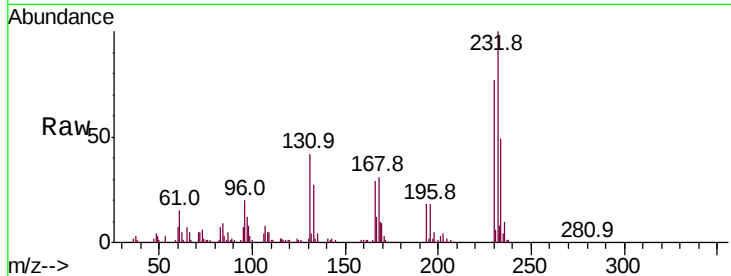




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.738 ng
RT: 15.26 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion:	232	Resp:	197227
Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.2	48.2
130	2.2	2.2	3.2
166	28.9	24.2	36.4



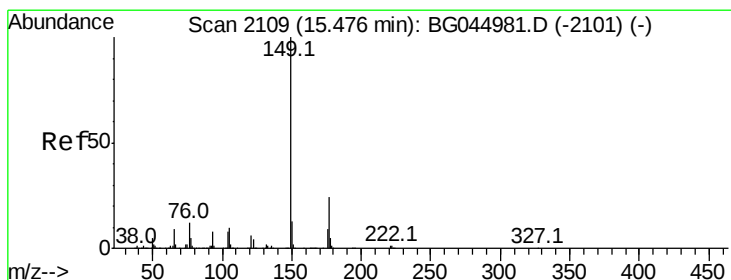
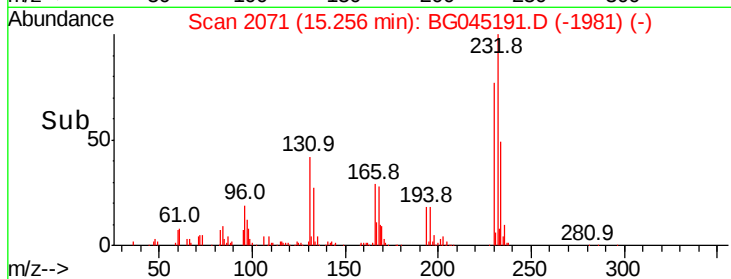
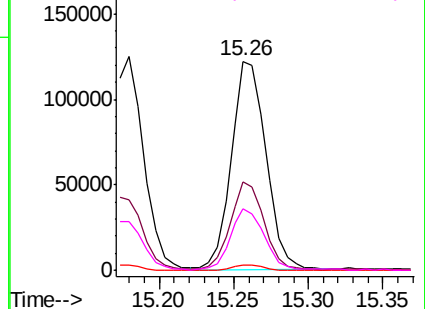
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

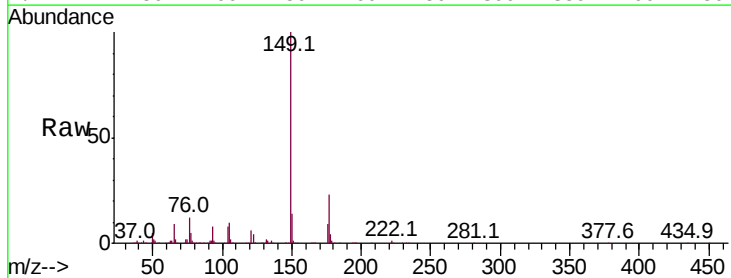
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.928 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion:	149	Resp:	668186
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.9	28.3
150	14.0	10.6	15.8

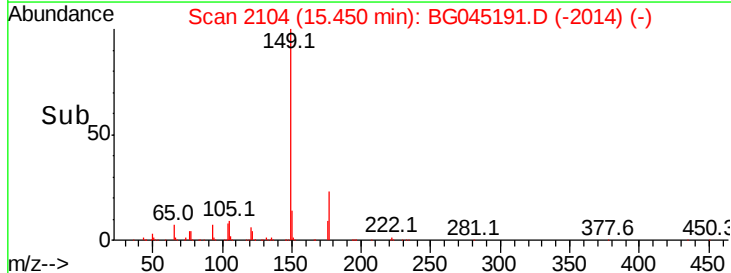
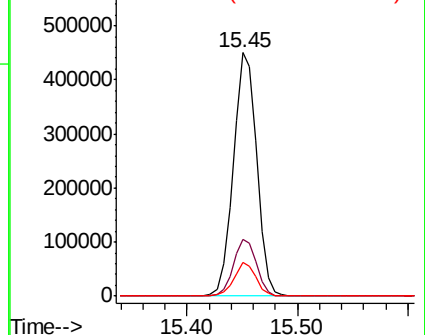


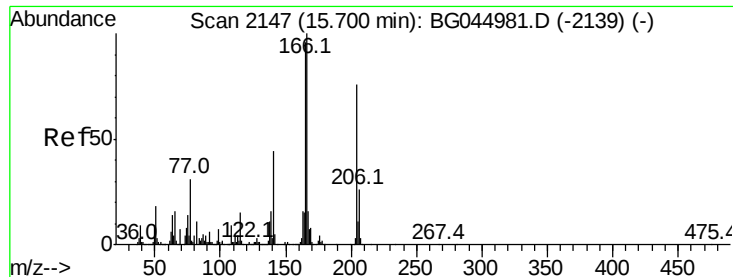
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

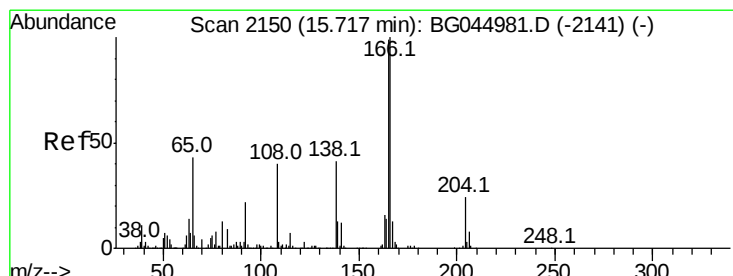
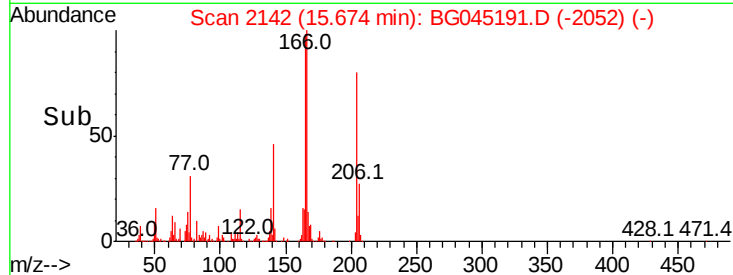
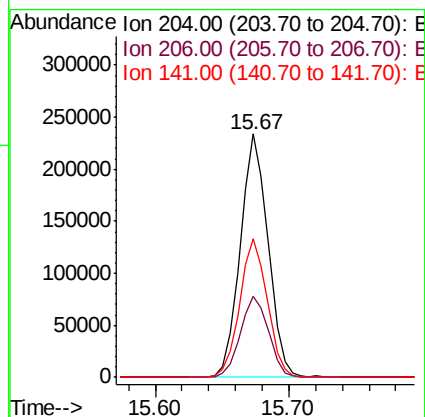
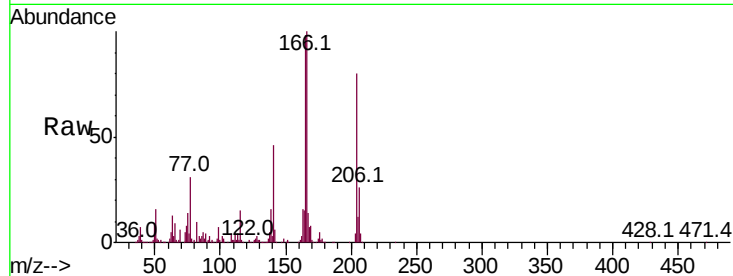




#61
 4-Chlorophenyl-phenylether
 Concen: 41.745 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

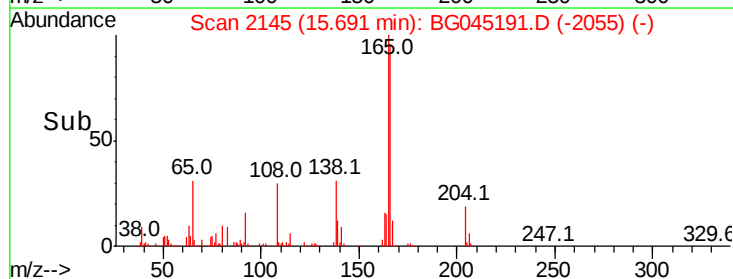
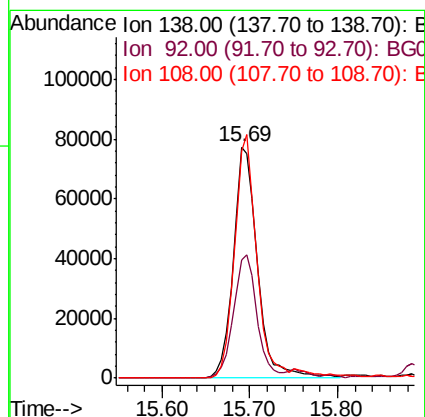
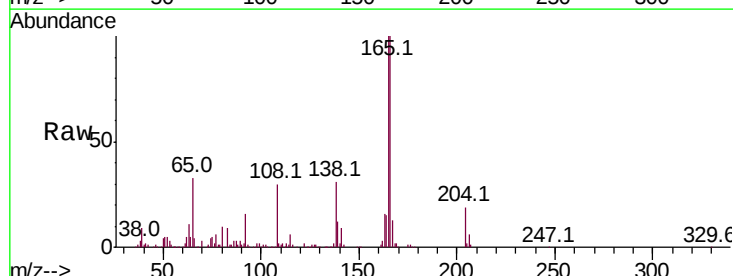
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

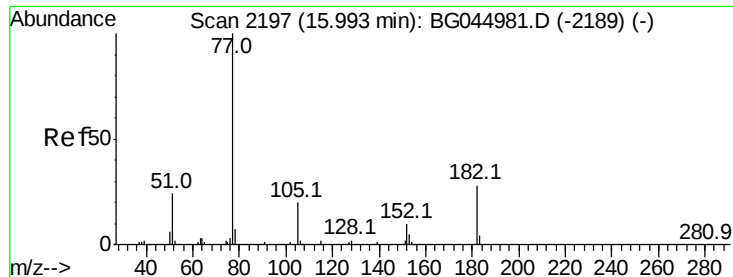
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.9	40.3
141	57.1	46.3	69.5



#62
 4-Nitroaniline
 Concen: 38.211 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	33.6	73.6
108	98.4	78.2	118.2

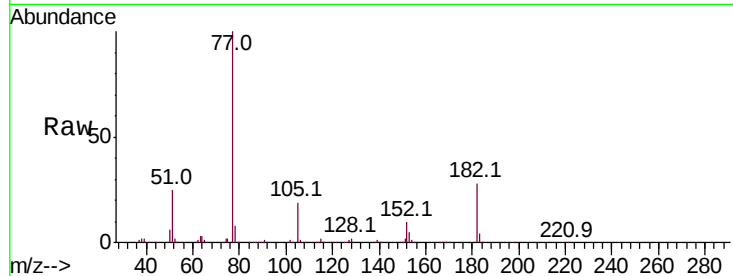




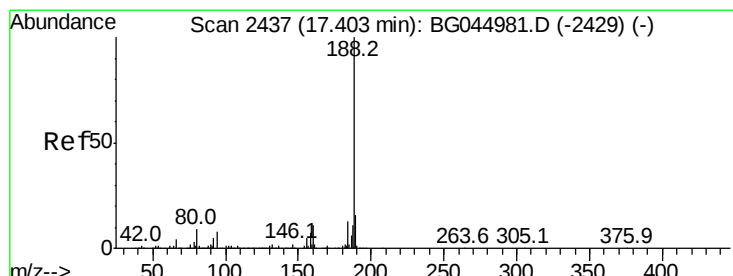
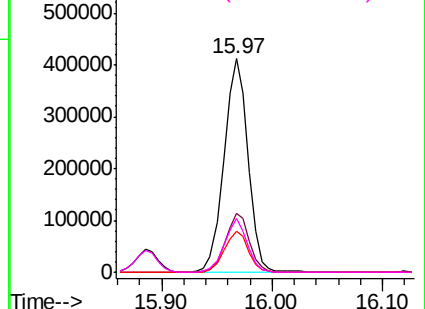
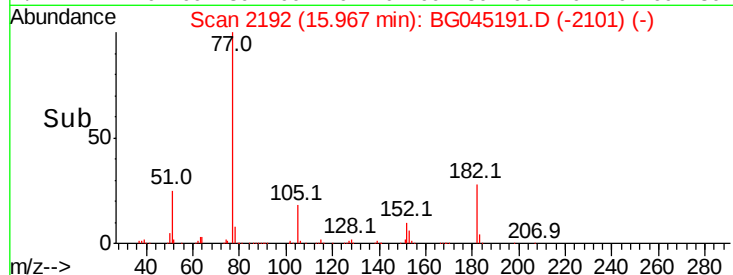
#63
Azobenzene
Concen: 43.175 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Instrument :
BNA_G
ClientSampleId :
PB128402BSD

Tot Ion: 77 Resp: 619590
Ion Ratio Lower Upper
77 100
182 27.6 8.4 48.4
105 19.4 0.5 40.5
51 25.3 4.4 44.4

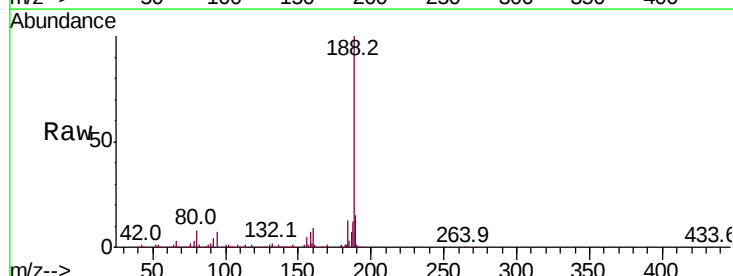


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

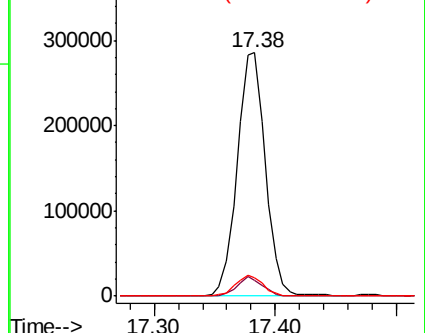
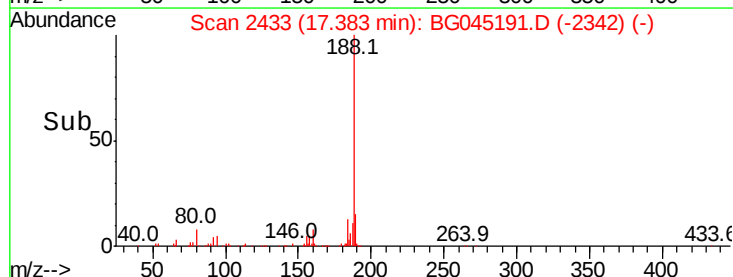


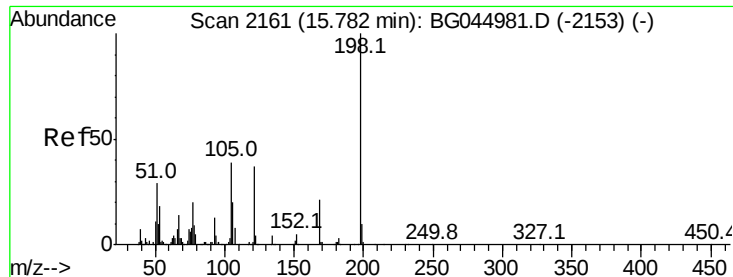
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion: 188 Resp: 465047
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.4
80 7.8 7.0 10.6



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

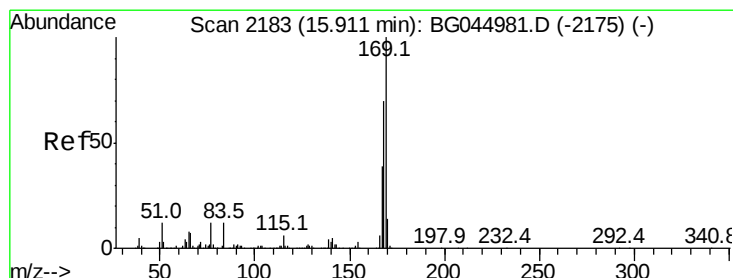
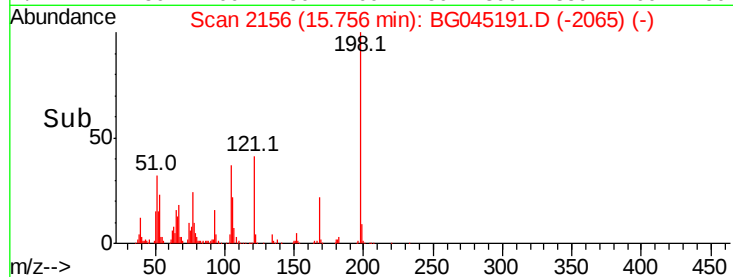
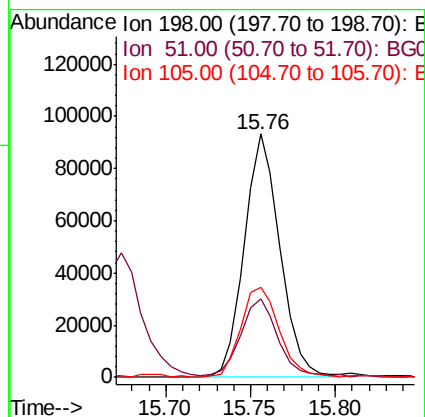
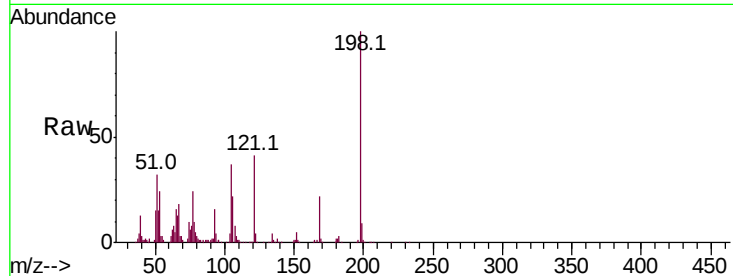




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.936 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

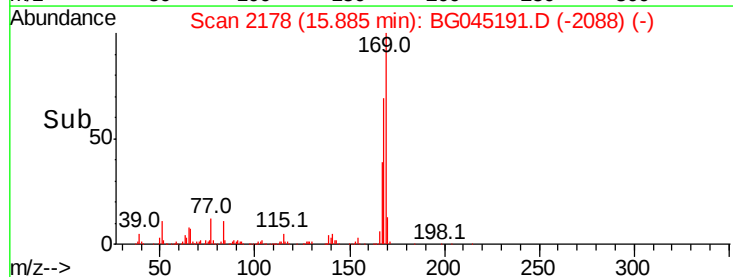
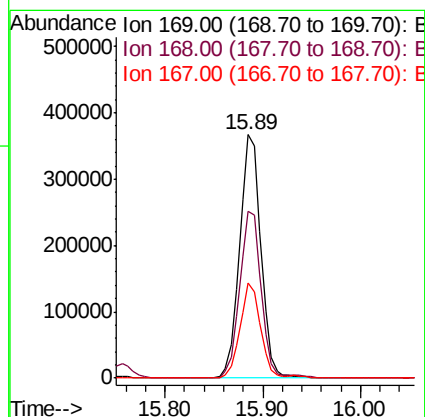
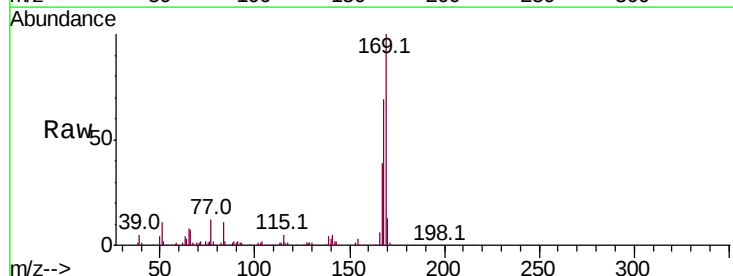
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

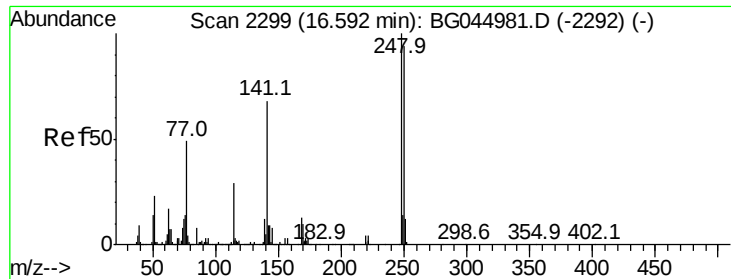
Tot Ion	Ratio	Lower	Upper
198	100		
51	32.5	10.0	50.0
105	36.8	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 41.435 ng
 RT: 15.89 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.8	83.8
167	38.9	30.8	46.2

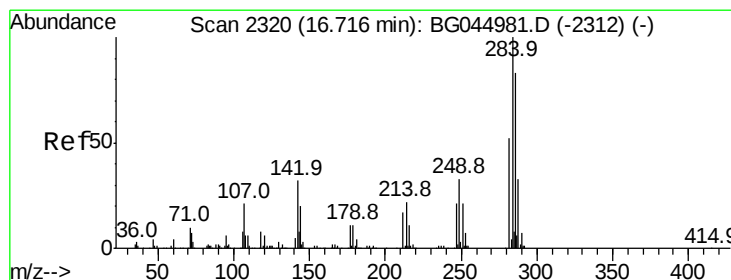
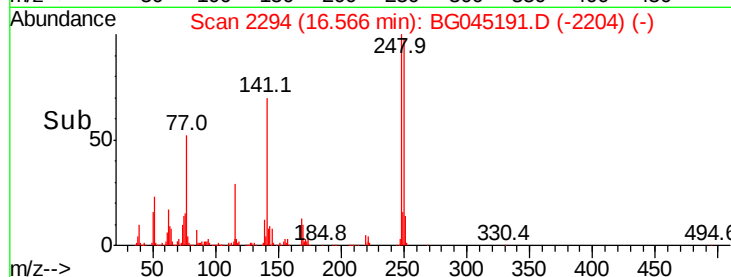
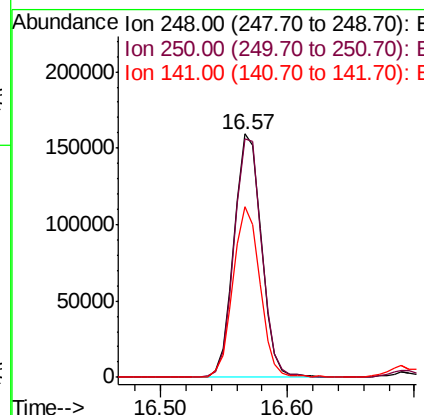
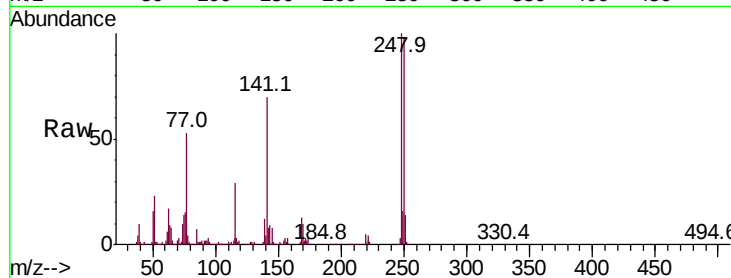




#67
 4-Bromophenyl-phenylether
 Concen: 39.515 ng
 RT: 16.57 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

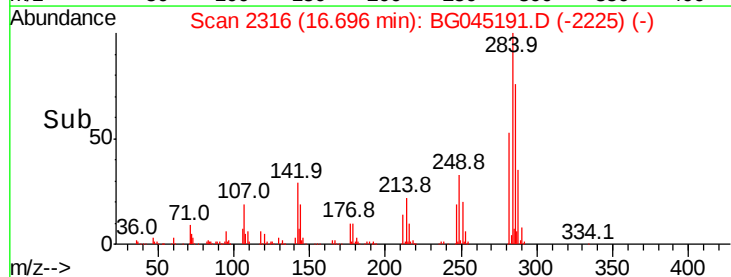
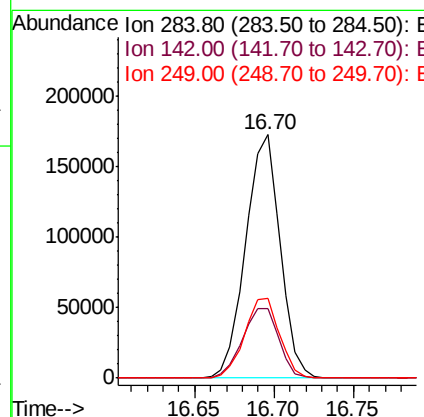
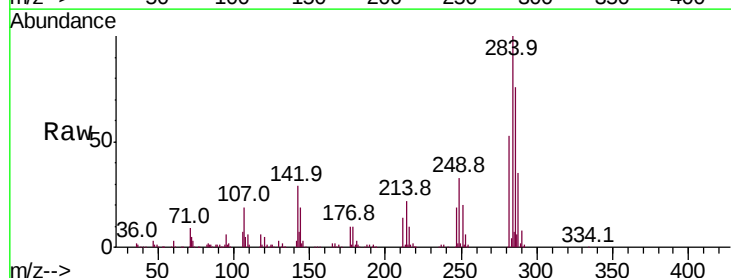
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	75.4	113.2
141	70.0	54.4	81.6



#68
 Hexachlorobenzene
 Concen: 41.825 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	25.8	38.6
249	33.0	26.6	39.8





#69

Atrazine

Concen: 49.142 ng

RT: 16.84 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

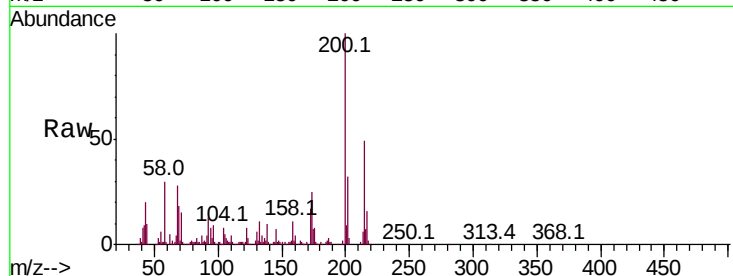
Tot Ion:200 Resp: 237350

Ion Ratio Lower Upper

200 100

173 24.6 4.5 44.5

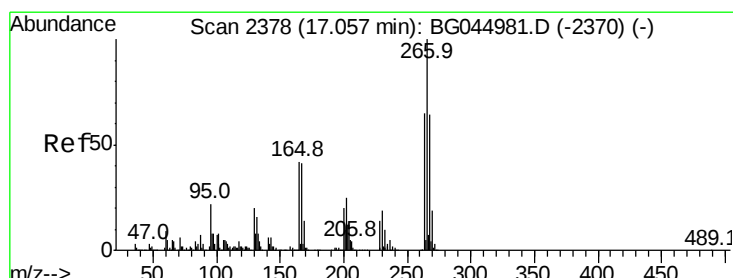
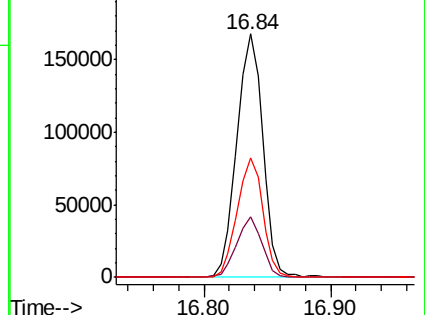
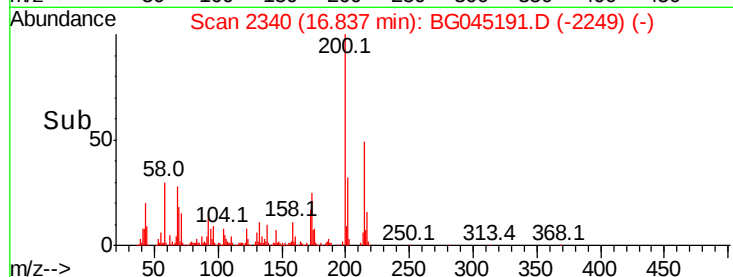
215 48.9 30.0 70.0



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: 88.900 ng

RT: 17.04 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

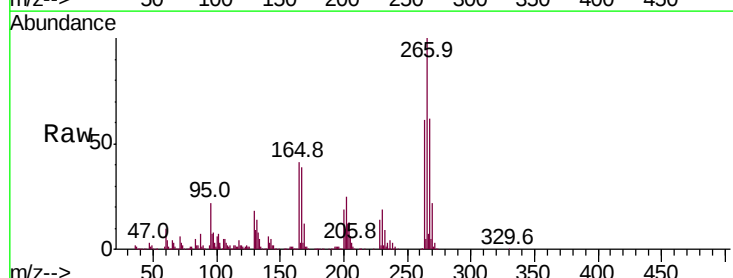
Tgt Ion:266 Resp: 339337

Ion Ratio Lower Upper

266 100

268 62.2 51.5 77.3

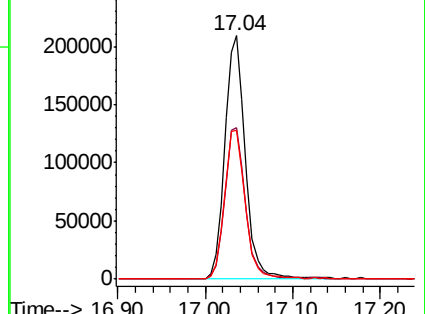
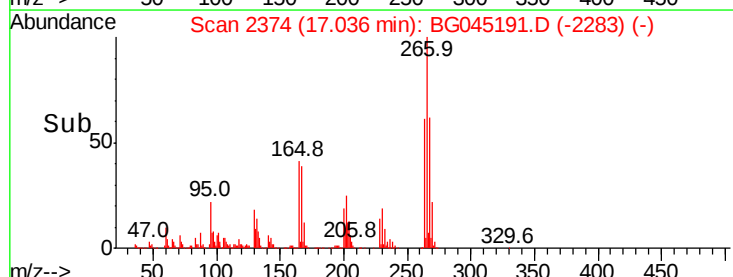
264 61.2 52.2 78.4

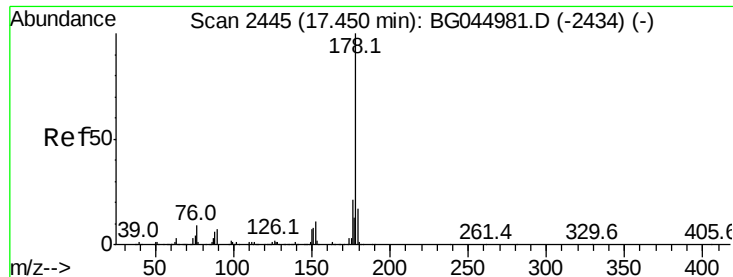


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

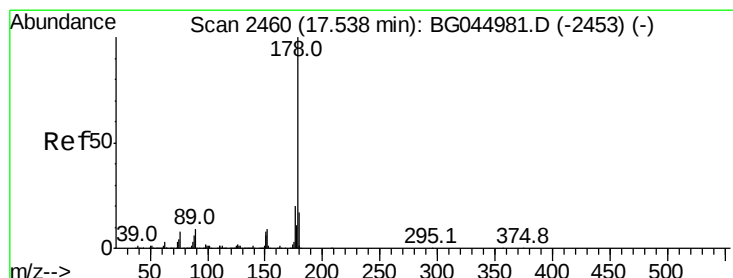
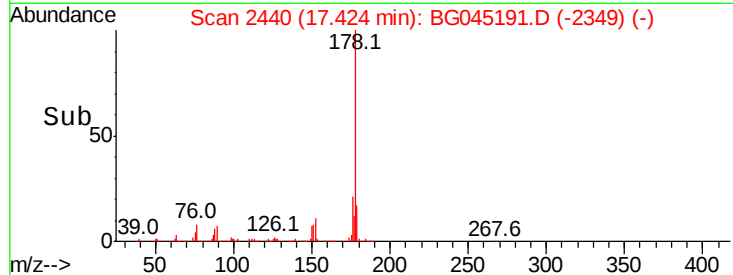
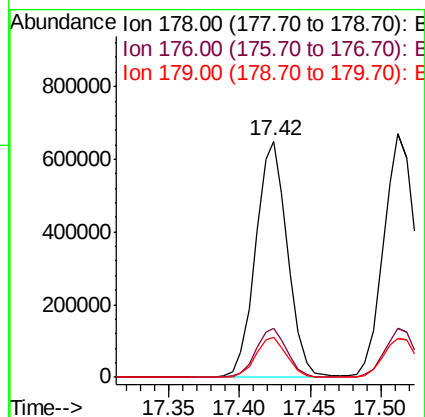
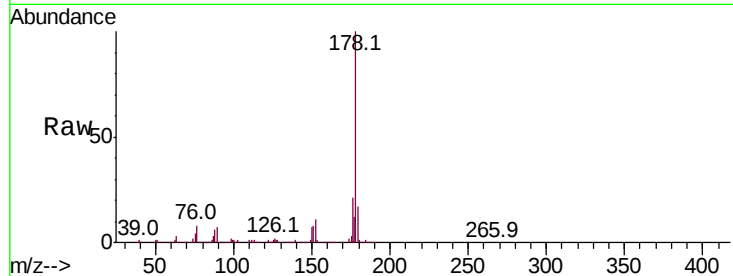




#71
Phenanthrene
Concen: 42.956 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

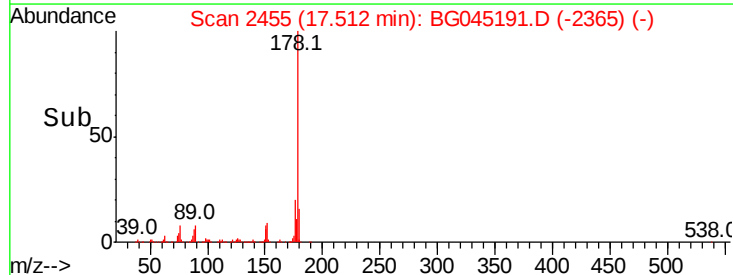
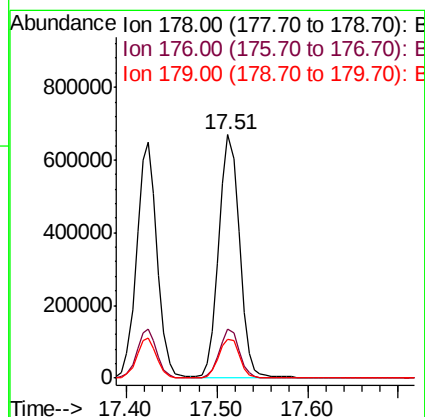
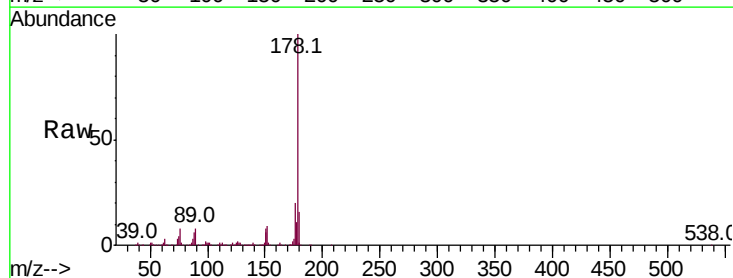
Instrument :
BNA_G
ClientSampleId :
PB128402BSD

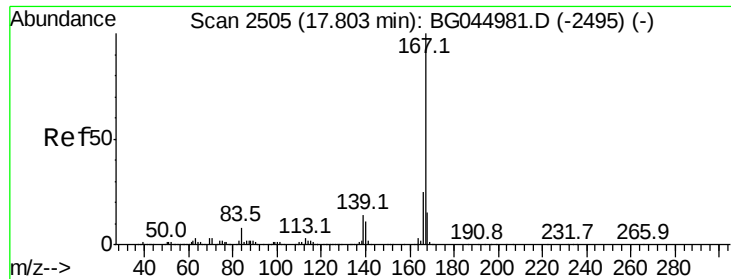
Tot Ion:178 Resp: 1026539
Ion Ratio Lower Upper
178 100
176 20.8 16.8 25.2
179 16.7 13.2 19.8



#72
Anthracene
Concen: 44.311 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion:178 Resp: 1062206
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.1 13.6 20.4

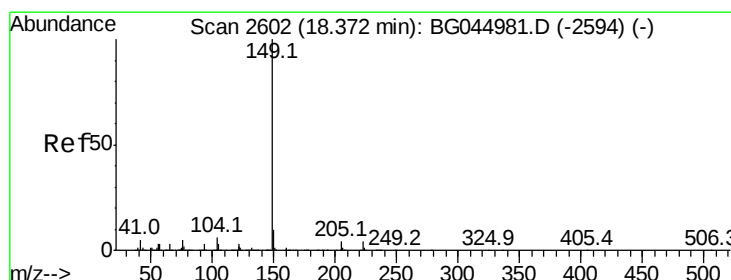
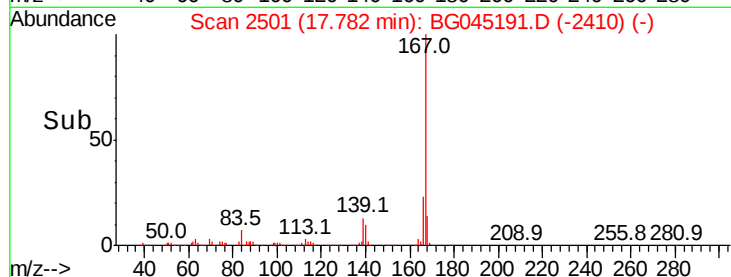
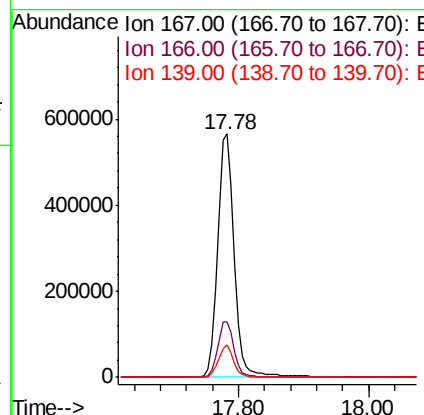
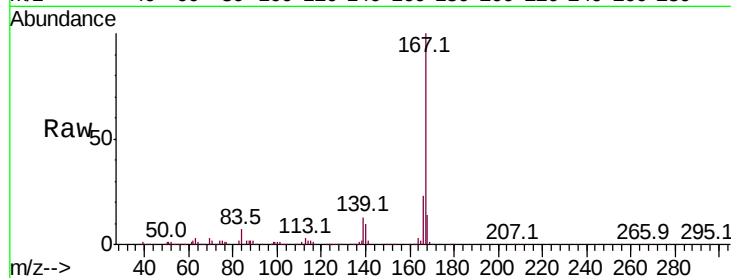




#73
 Carbazole
 Concen: 40.754 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

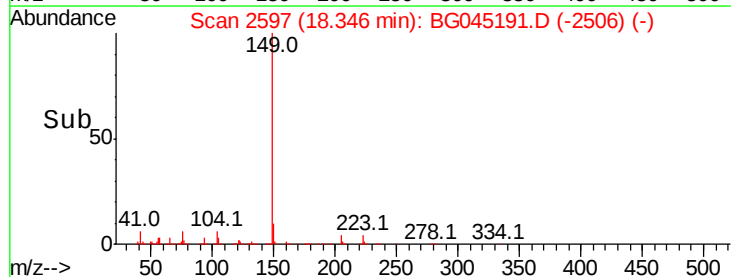
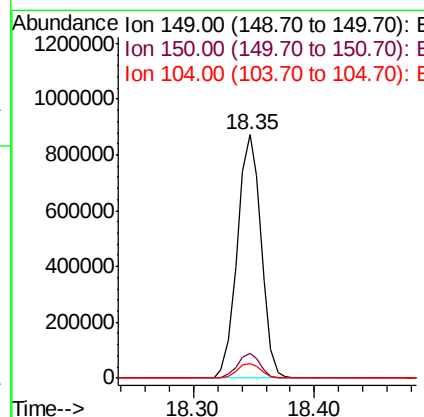
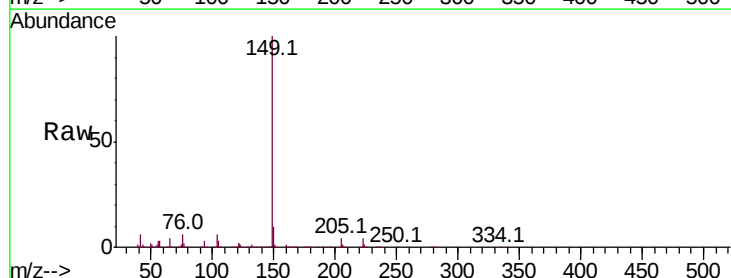
Instrument :
 BNA_G
 ClientSampleId :
 PB128402BSD

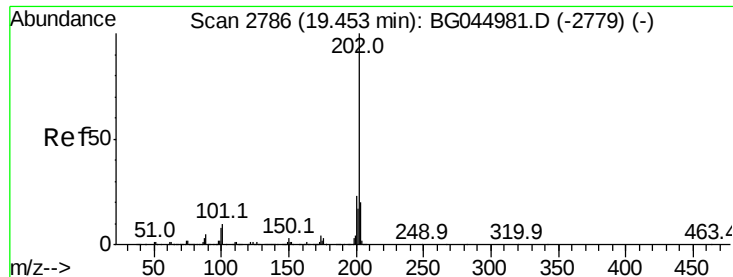
Tot Ion:167 Resp: 991411
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.8 29.6
 139 13.2 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 45.233 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG045191.D
 Acq: 28 Apr 2020 18:53

Tgt Ion:149 Resp: 1196968
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.2 12.2
 104 6.1 4.8 7.2





#75

Fluoranthene

Concen: 47.509 ng

RT: 19.43 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

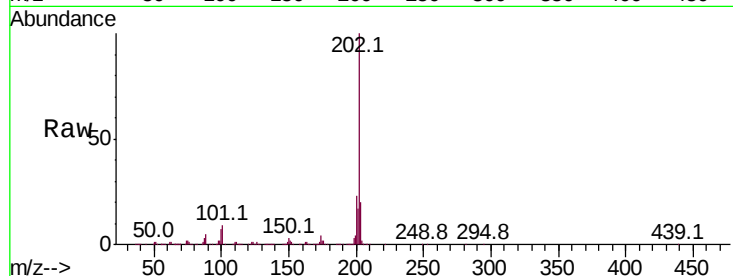
Tot Ion:202 Resp: 1324817

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.6

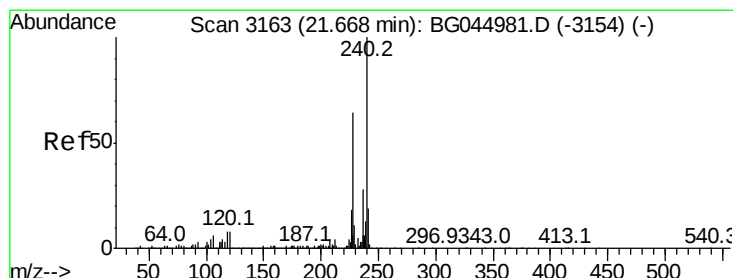
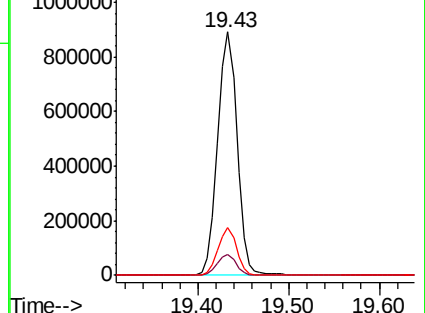
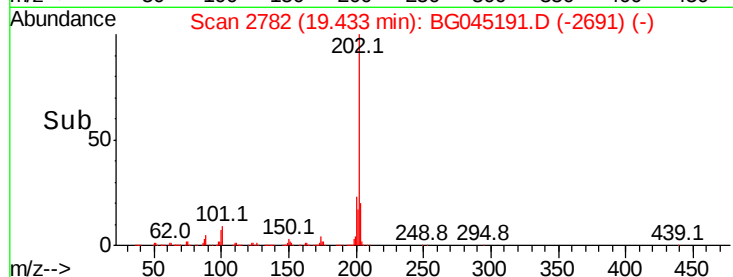
203 19.7 0.0 39.7



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: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

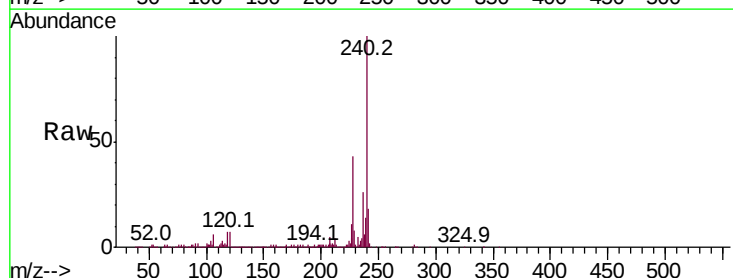
Tgt Ion:240 Resp: 448445

Ion Ratio Lower Upper

240 100

120 6.6 6.6 10.0#

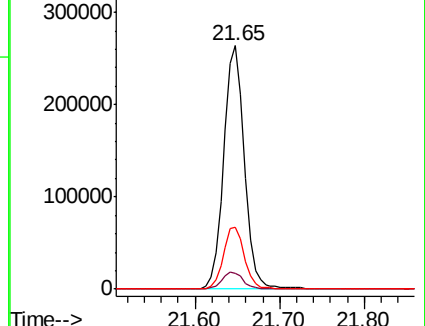
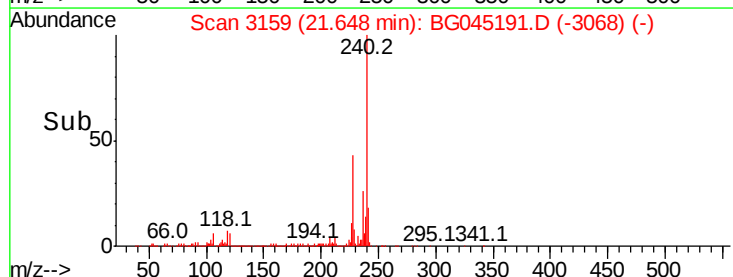
236 25.5 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.998 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

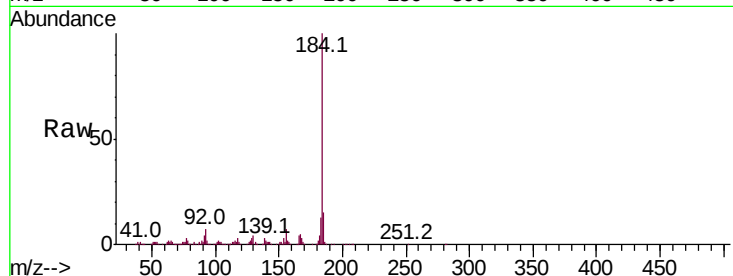
Tot Ion:184 Resp: 516848

Ion Ratio Lower Upper

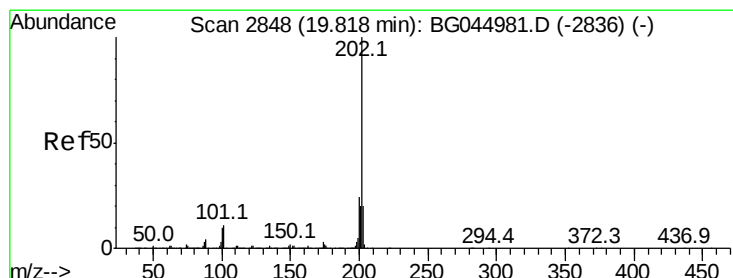
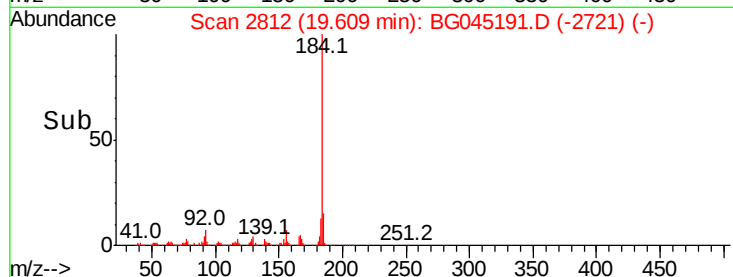
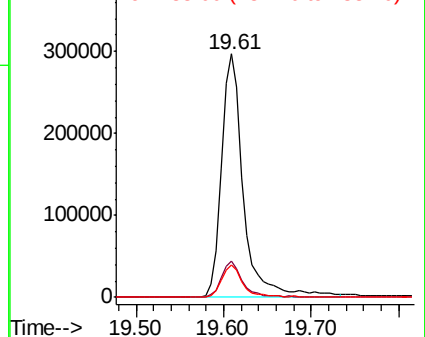
184 100

185 14.8 12.6 19.0

183 13.2 11.3 16.9



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: 42.207 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

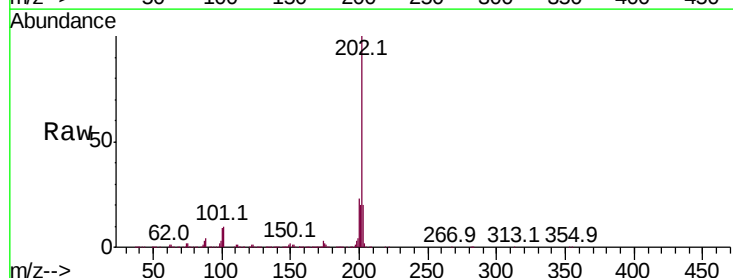
Tgt Ion:202 Resp: 1304863

Ion Ratio Lower Upper

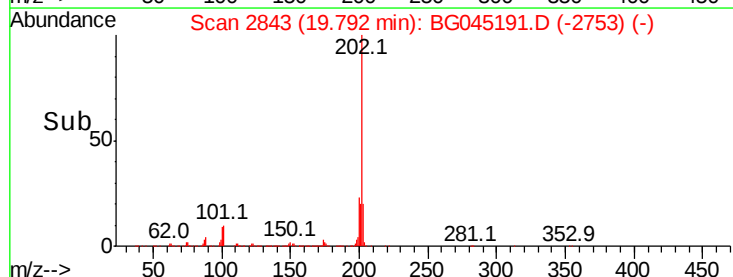
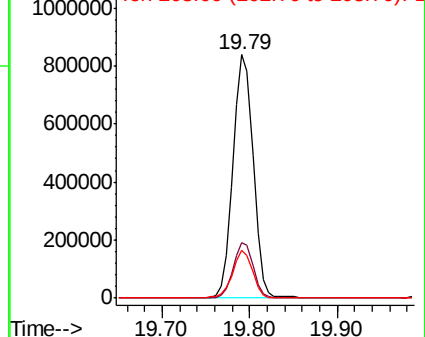
202 100

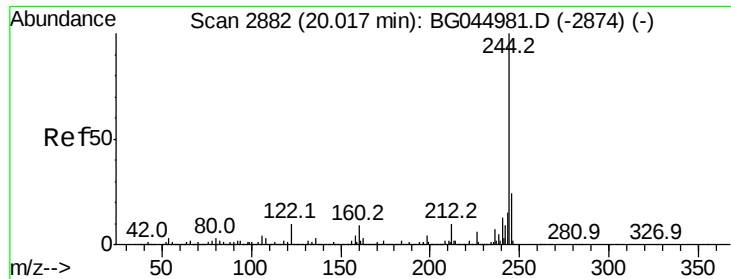
200 22.8 19.0 28.6

203 19.8 16.1 24.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.967 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

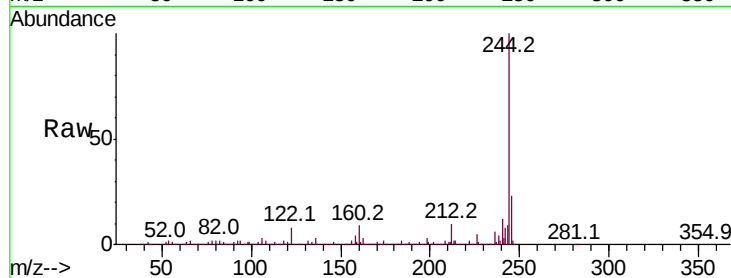
Tot Ion:244 Resp: 1933368

Ion Ratio Lower Upper

244 100

212 9.6 7.9 11.9

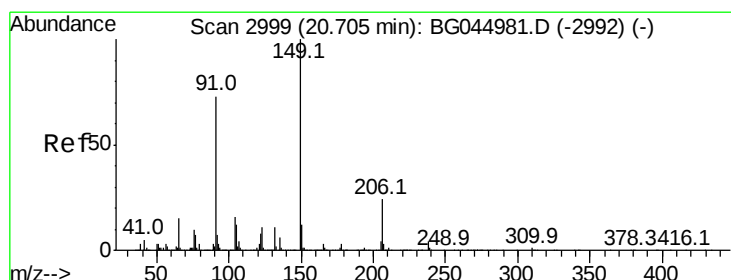
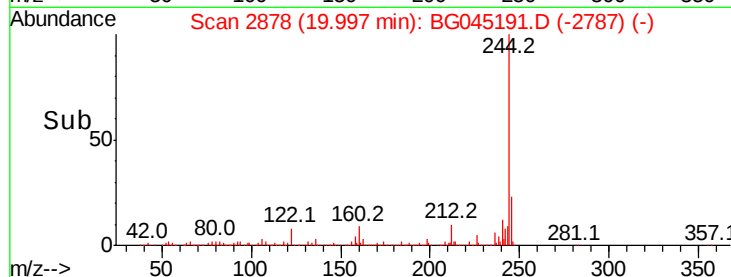
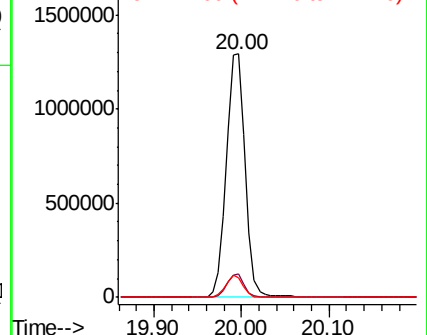
122 8.3 7.7 11.5



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: 41.264 ng

RT: 20.68 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

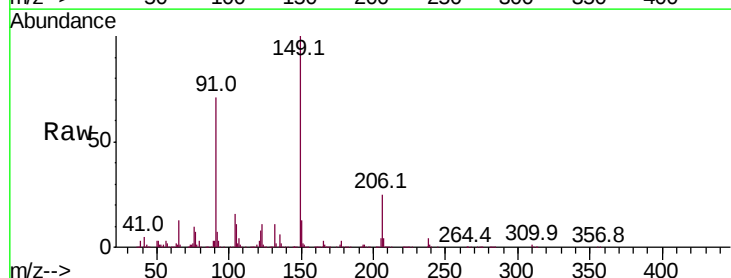
Tgt Ion:149 Resp: 528797

Ion Ratio Lower Upper

149 100

91 71.0 58.5 87.7

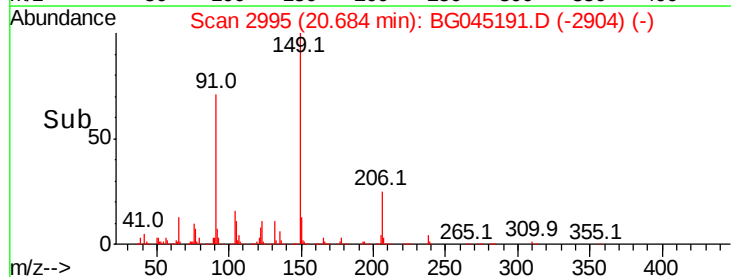
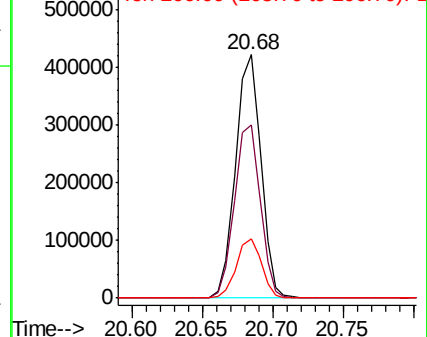
206 24.5 19.2 28.8

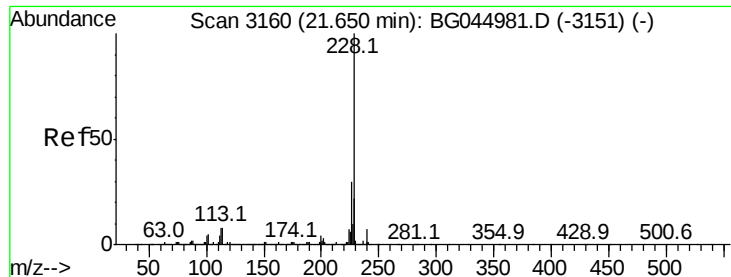


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.091 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

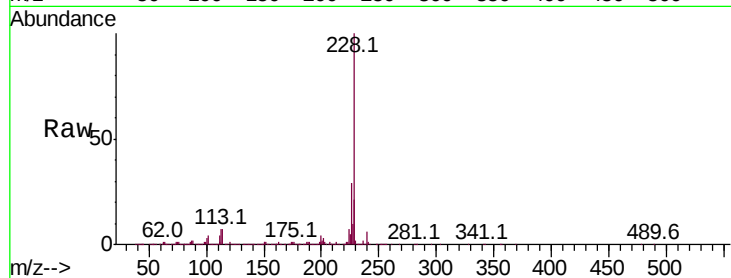
Tot Ion:228 Resp: 1223396

Ion Ratio Lower Upper

228 100

226 29.3 24.0 36.0

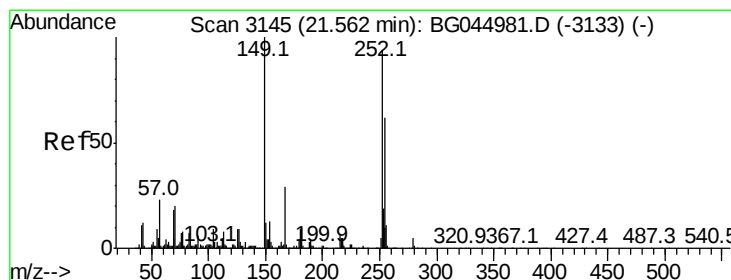
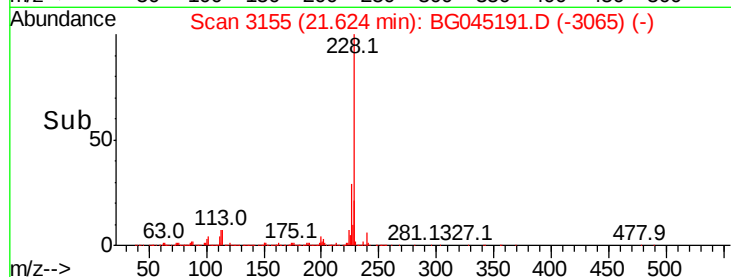
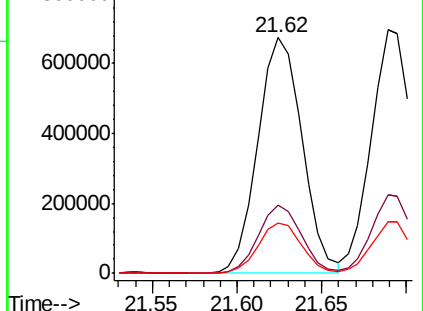
229 21.4 17.5 26.3



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: 28.927 ng

RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

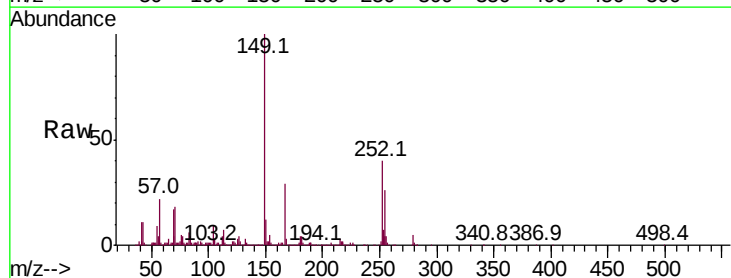
Tgt Ion:252 Resp: 334650

Ion Ratio Lower Upper

252 100

254 66.1 52.6 79.0

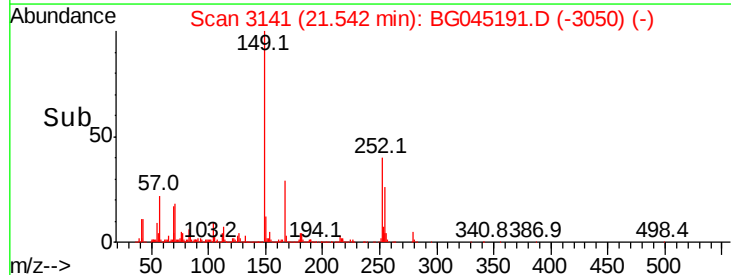
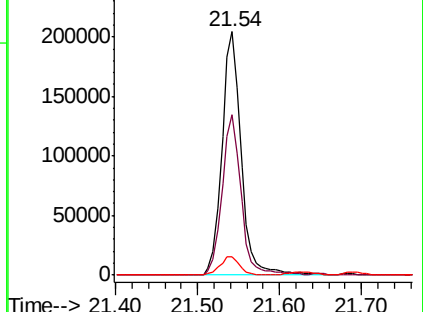
126 7.6 7.5 11.3

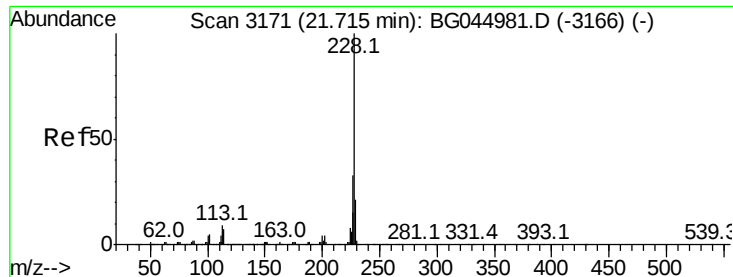


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.080 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

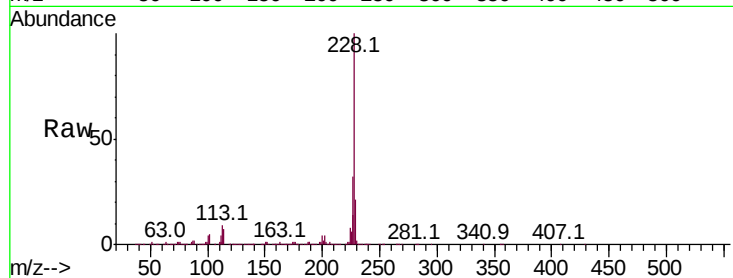
BNA_G

ClientSampleId :

PB128402BSD

Tot Ion:228 Resp: 1203089

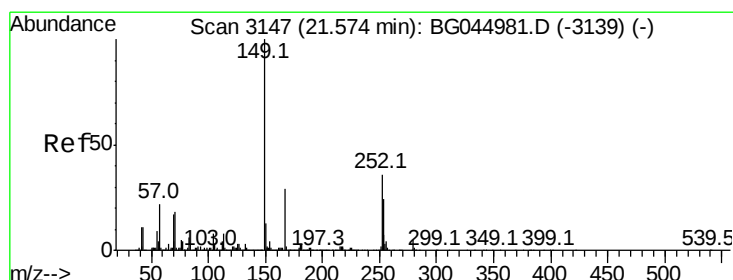
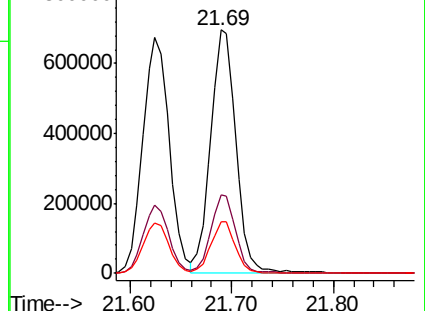
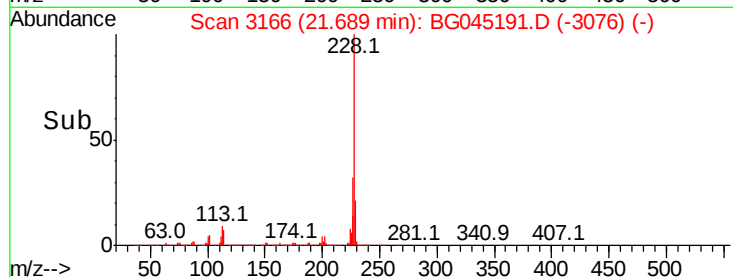
Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.2	39.4
229	21.1	17.0	25.6



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: 42.258 ng

RT: 21.54 min Scan# 3141

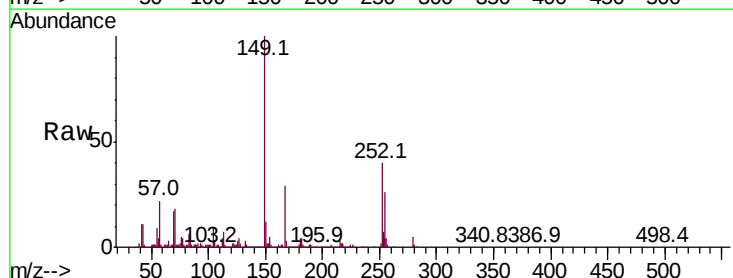
Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:149 Resp: 744795

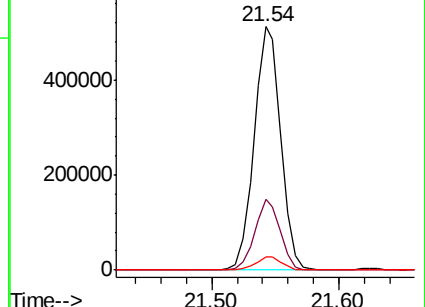
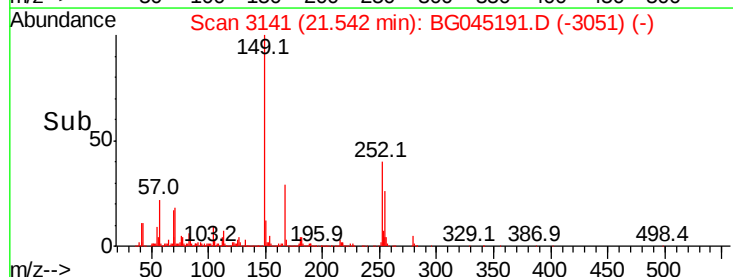
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	5.3	4.3	6.5

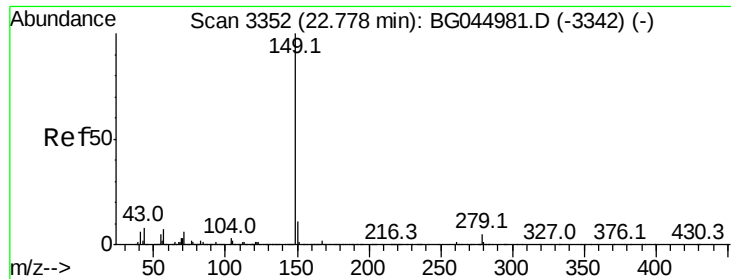


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.826 ng

RT: 22.75 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

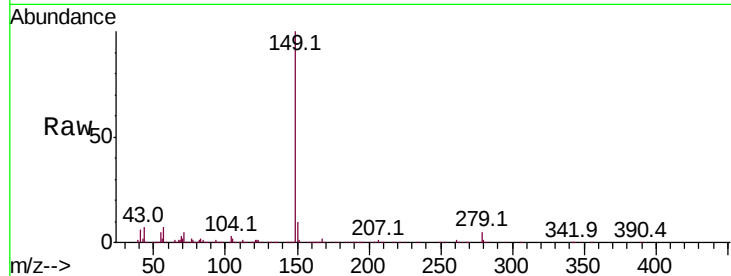
Tot Ion:149 Resp: 1274786

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

43 7.1 5.7 8.5



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

22.75

800000

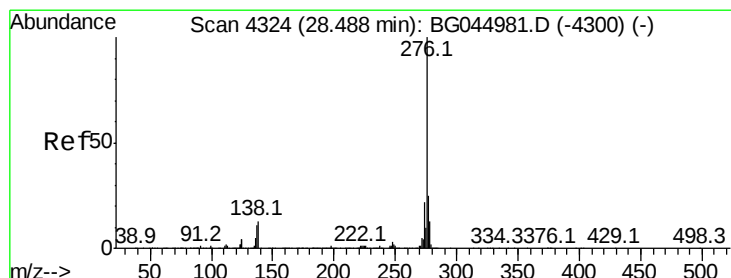
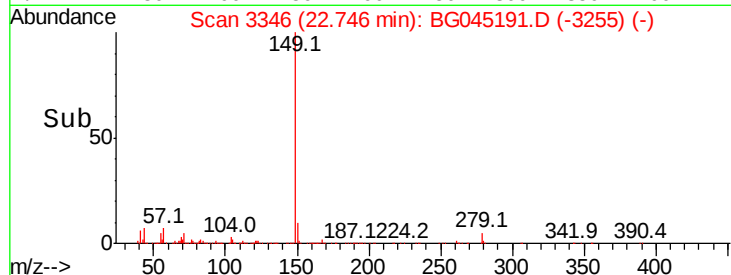
600000

400000

200000

0

Time--> 22.60 22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.737 ng

RT: 28.42 min Scan# 4312

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

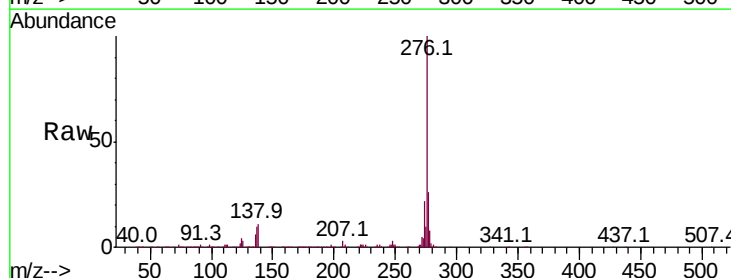
Tgt Ion:276 Resp: 1584583

Ion Ratio Lower Upper

276 100

138 5.4 9.6 14.4#

277 26.2 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.42

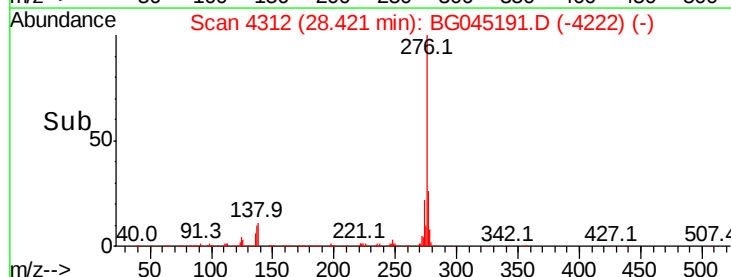
300000

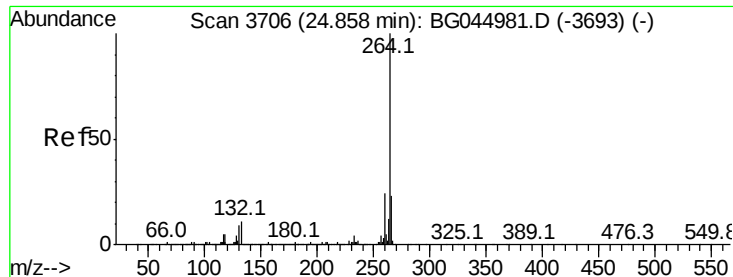
200000

100000

0

Time--> 28.20 28.40 28.60





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

BNA_G

ClientSampleId :

PB128402BSD

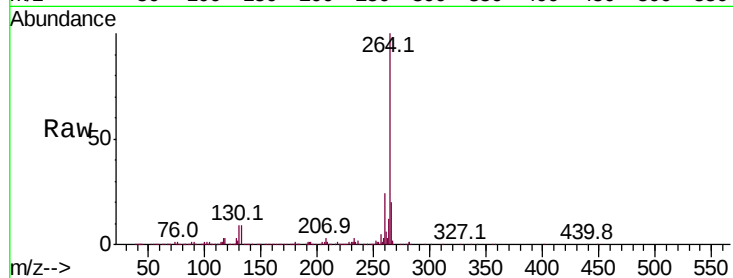
Tot Ion:264 Resp: 492831

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

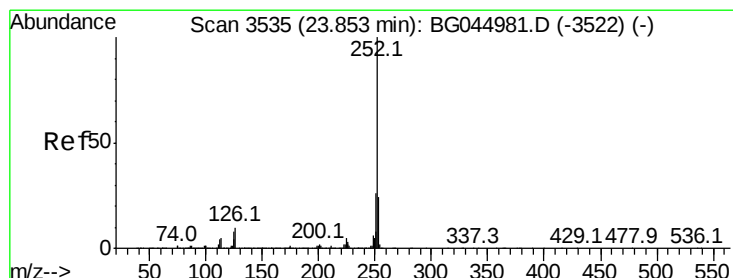
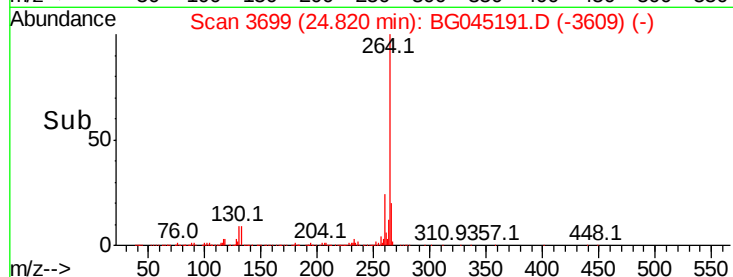
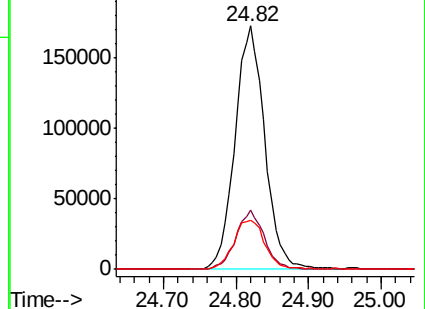
265 20.2 19.0 28.4



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



#88

Benzo(b)fluoranthene

Concen: 43.643 ng

RT: 23.82 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

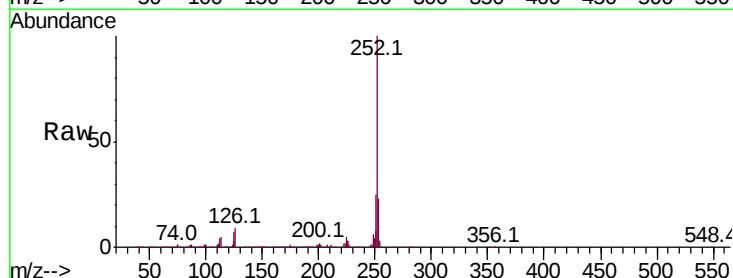
Tgt Ion:252 Resp: 1347286

Ion Ratio Lower Upper

252 100

253 22.9 18.8 28.2

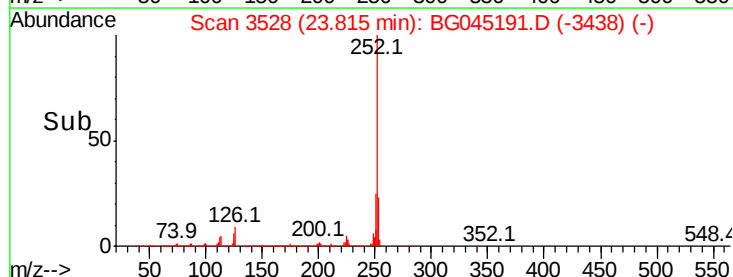
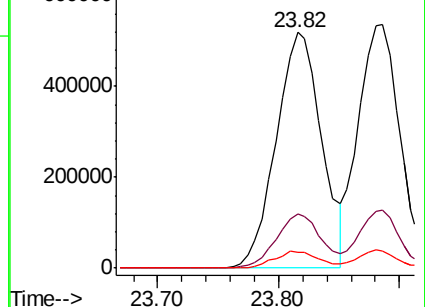
125 6.5 6.2 9.4

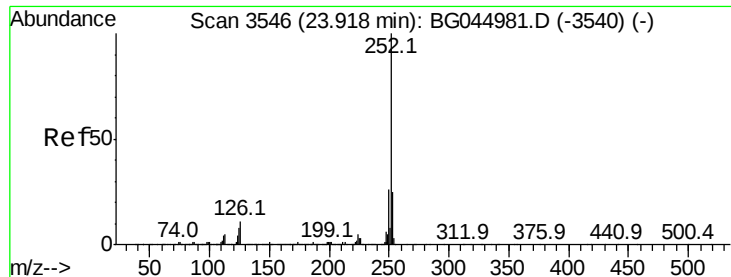


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

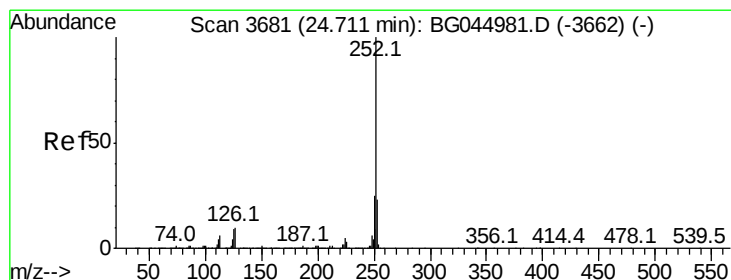
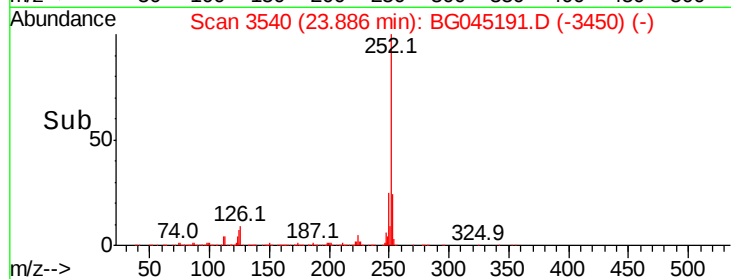
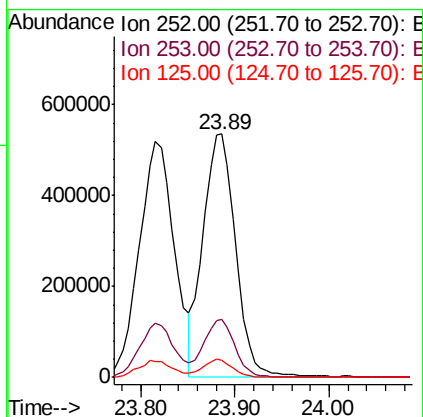
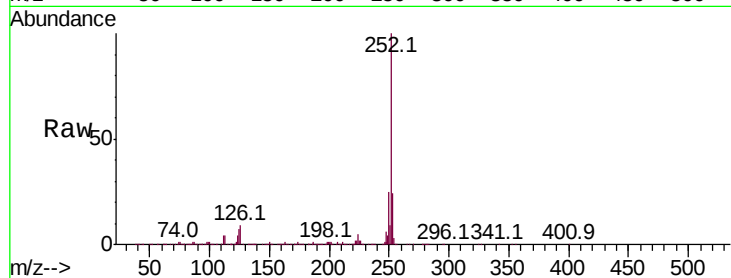




#89
Benzo(k)fluoranthene
Concen: 43.869 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

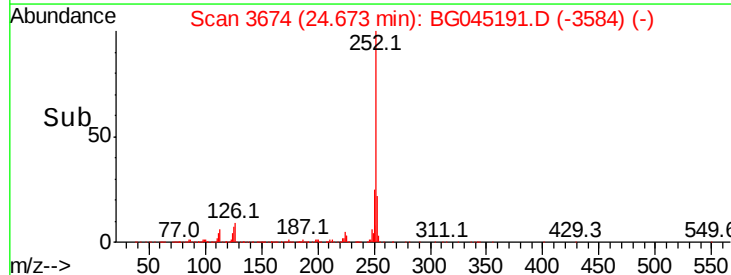
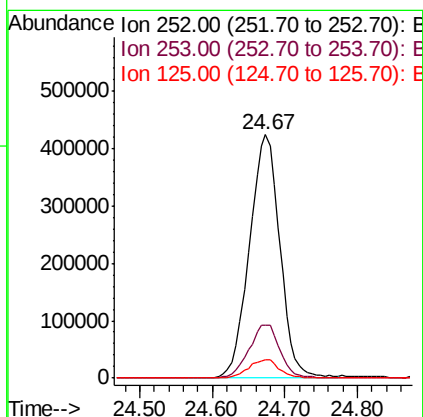
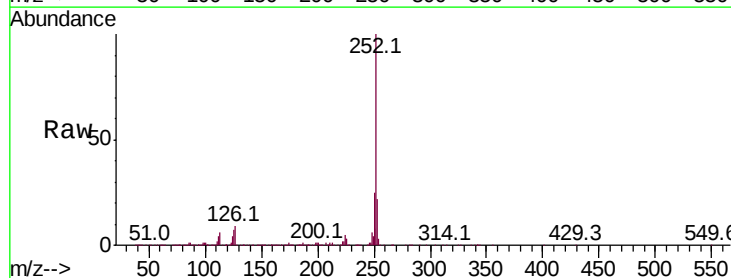
Instrument :
BNA_G
ClientSampleId :
PB128402BSD

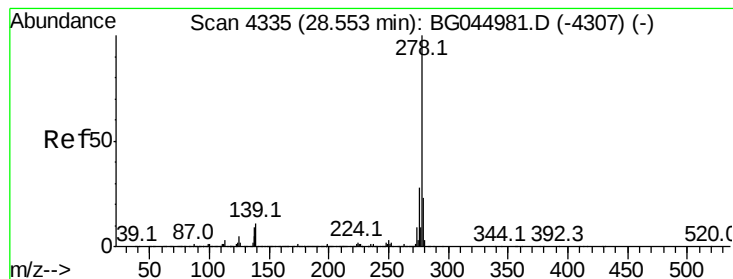
Tot Ion:252 Resp: 1287915
Ion Ratio Lower Upper
252 100
253 23.6 19.2 28.8
125 7.0 5.9 8.9



#90
Benzo(a)pyrene
Concen: 42.560 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG045191.D
Acq: 28 Apr 2020 18:53

Tgt Ion:252 Resp: 1240498
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 7.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 43.913 ng

RT: 28.50 min Scan# 4325

Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Instrument :

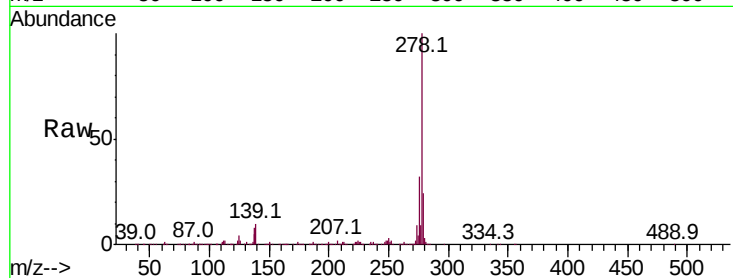
BNA_G

ClientSampleId :

PB128402BSD

Tot Ion:278 Resp: 1289715

Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.0	13.6
279	23.8	18.4	27.6

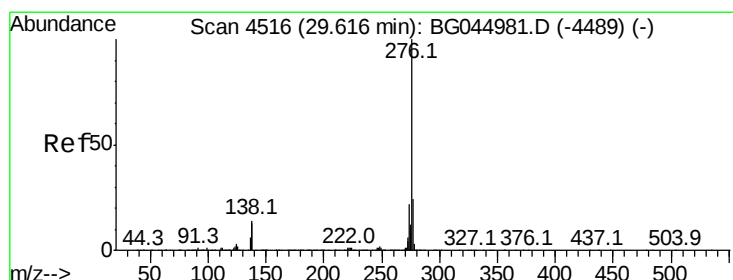
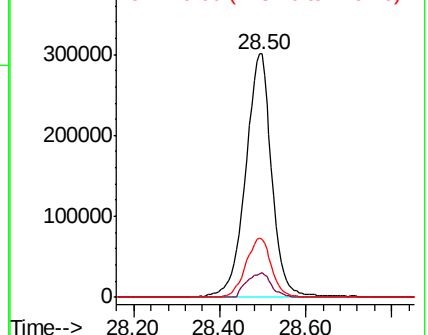
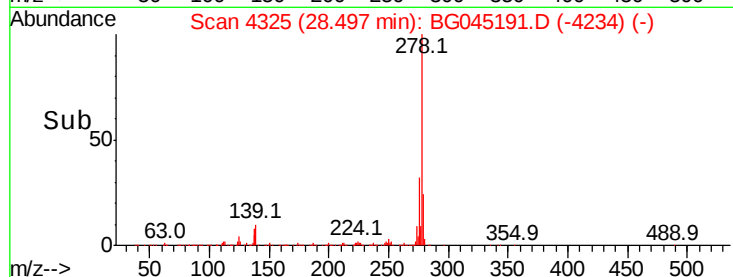


Abundance

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: 43.862 ng

RT: 29.55 min Scan# 4505

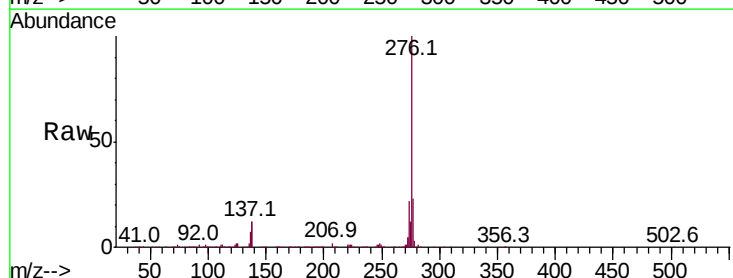
Delta R.T. 0.00 min

Lab File: BG045191.D

Acq: 28 Apr 2020 18:53

Tgt Ion:276 Resp: 1291509

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.3	28.9
138	12.0	11.4	17.2



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

