

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
 Data File : BG044919.D
 Acq On : 20 Mar 2020 14:36
 Operator : CG/JU
 Sample : PB127702BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

Quant Time: Mar 21 00:41:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82186	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	326165	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	225061	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	524078	20.00	ng	0.00
76) Chrysene-d12	21.70	240	487481	20.00	ng	0.00
87) Perylene-d12	24.90	264	545966	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	622388	117.89	ng	0.00
7) Phenol-d6	7.21	99	878150	114.48	ng	0.00
23) Nitrobenzene-d5	9.20	82	488702	65.75	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	369838	125.50	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1041576	66.27	ng	0.00
79) Terphenyl-d14	20.03	244	1706996	65.50	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.51	88	90417	35.56	ng 98
3) Pyridine	3.90	79	222872	29.61	ng 97
4) n-Nitrosodimethylamine	3.82	42	110451	38.68	ng 89
6) Aniline	7.36	93	295860	31.00	ng 95
8) 2-Chlorophenol	7.61	128	231477	43.92	ng 95
9) Benzaldehyde	7.17	77	101022	18.07	ng 95
10) Phenol	7.23	94	320880	42.25	ng 97
11) bis(2-Chloroethyl)ether	7.46	93	232239	38.32	ng 98
12) 1,3-Dichlorobenzene	7.93	146	249878	38.49	ng 99
13) 1,4-Dichlorobenzene	8.08	146	255880	39.87	ng 97
14) 1,2-Dichlorobenzene	8.40	146	241949	39.75	ng 98
15) Benzyl Alcohol	8.28	79	245177	39.84	ng 97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	334057	31.23	ng 98
17) 2-Methylphenol	8.48	107	216711	42.13	ng 97
18) Hexachloroethane	9.13	117	98212	38.87	ng 99
19) n-Nitroso-di-n-propylamine	8.85	70	190500	35.17	ng 96
20) 3+4-Methylphenols	8.81	107	305260	43.05	ng 97
22) Acetophenone	8.86	105	349491	37.82	ng 99
24) Nitrobenzene	9.24	77	297975	38.64	ng 97
25) Isophorone	9.77	82	536008	36.95	ng # 97
26) 2-Nitrophenol	9.96	139	128770	48.08	ng 97
27) 2,4-Dimethylphenol	10.02	122	223461	47.30	ng 95
28) bis(2-Chloroethoxy)methane	10.25	93	306728	35.43	ng 98
29) 2,4-Dichlorophenol	10.50	162	243336	44.10	ng 97
30) 1,2,4-Trichlorobenzene	10.71	180	260180	39.43	ng 98
31) Naphthalene	10.90	128	707883	39.18	ng 98
32) Benzoic acid	10.16	122	137929	39.60	ng 99
33) 4-Chloroaniline	11.00	127	186698	22.94	ng 98
34) Hexachlorobutadiene	11.20	225	170475	39.29	ng 98
35) Caprolactam	11.76	113	44128	21.12	ng 91
36) 4-Chloro-3-methylphenol	12.12	107	274169	41.66	ng 97
37) 2-Methylnaphthalene	12.51	142	529594	39.18	ng 99
38) 1-Methylnaphthalene	12.72	142	501910	39.50	ng 97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	285688	38.54	ng 98

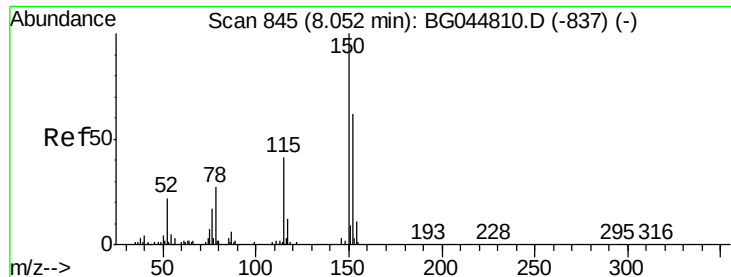
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
 Data File : BG044919.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	383216	94.61	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	211816	43.06	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	221128	43.35	ng	96
46) 1,1'-Biphenyl	13.51	154	663647	36.90	ng	99
47) 2-Chloronaphthalene	13.55	162	514382	37.44	ng	97
48) 2-Nitroaniline	13.75	65	185414	38.55	ng	98
49) Acenaphthylene	14.40	152	859039	39.91	ng	98
50) Dimethylphthalate	14.13	163	689689	38.48	ng	99
51) 2,6-Dinitrotoluene	14.24	165	159722	44.21	ng	95
52) Acenaphthene	14.74	154	606405	43.02	ng	99
53) 3-Nitroaniline	14.57	138	117177	28.21	ng	98
54) 2,4-Dinitrophenol	14.77	184	174042	90.91	ng	91
55) Dibenzofuran	15.07	168	811376	39.69	ng	99
56) 4-Nitrophenol	14.88	139	293874	92.70	ng	95
57) 2,4-Dinitrotoluene	15.03	165	220368	44.47	ng	95
58) Fluorene	15.73	166	675414	40.17	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	214951	45.77	ng	94
60) Diethylphthalate	15.50	149	712878	38.13	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	363177	40.11	ng	97
62) 4-Nitroaniline	15.73	138	161632	36.49	ng	99
63) Azobenzene	16.01	77	701722	36.14	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	123832	49.86	ng	96
66) n-Nitrosodiphenylamine	15.93	169	601123	38.10	ng	100
67) 4-Bromophenyl-phenylether	16.61	248	251960	38.46	ng	95
68) Hexachlorobenzene	16.74	284	270638	38.08	ng	97
69) Atrazine	16.88	200	261658	45.26	ng	98
70) Pentachlorophenol	17.07	266	348542	89.12	ng	99
71) Phenanthrene	17.46	178	1096167	39.14	ng	99
72) Anthracene	17.56	178	1110303	40.21	ng	99
73) Carbazole	17.82	167	1047967	39.51	ng	99
74) Di-n-butylphthalate	18.39	149	1235912	38.33	ng	100
75) Fluoranthene	19.47	202	1379804	41.38	ng	100
77) Benzidine	19.64	184	536667	33.91	ng	99
78) Pyrene	19.83	202	1372023	38.36	ng	99
80) Butylbenzylphthalate	20.72	149	582365	36.60	ng	97
81) Benzo(a)anthracene	21.67	228	1349193	38.44	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	438141	32.26	ng	98
83) Chrysene	21.74	228	1278617	38.13	ng	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	801355	36.49	ng	98
85) Di-n-octyl phthalate	22.81	149	1403378	38.19	ng	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1727375	39.29	ng	99
88) Benzo(b)fluoranthene	23.89	252	1447372	40.16	ng	100
89) Benzo(k)fluoranthene	23.95	252	1398894	41.01	ng	100
90) Benzo(a)pyrene	24.75	252	1341942	39.79	ng	97
91) Dibenzo(a,h)anthracene	28.61	278	1396695	41.98	ng	98
92) Benzo(g,h,i)perylene	29.69	276	1437691	42.77	ng	95

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

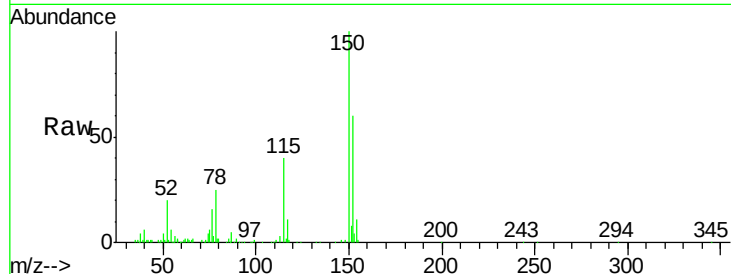


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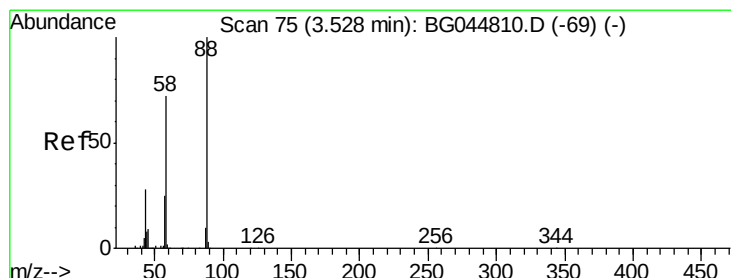
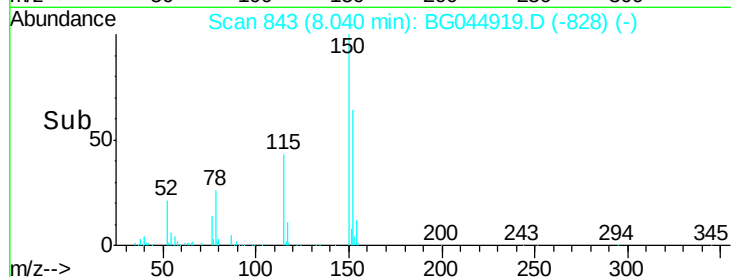
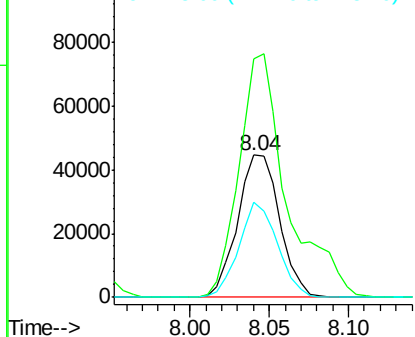
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tgt Ion:152 Resp: 82186
Ion Ratio Lower Upper
152 100
150 168.0 128.8 193.2
115 67.1 52.6 79.0



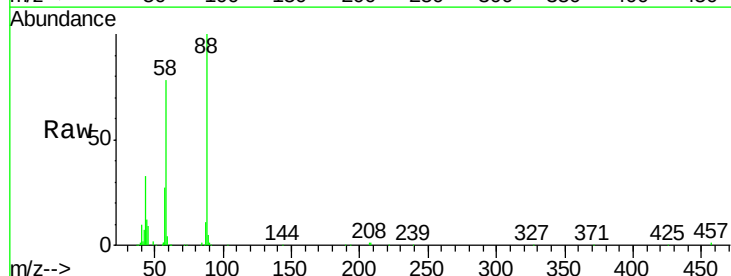
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



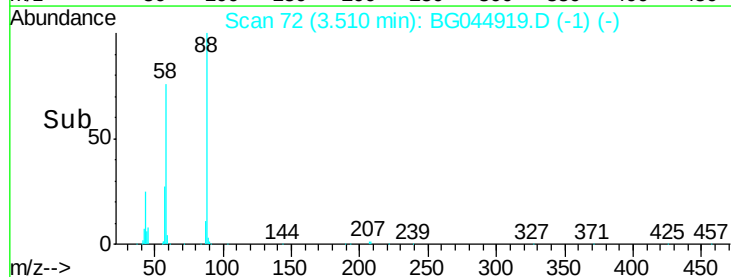
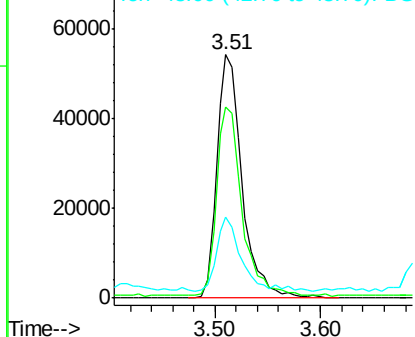
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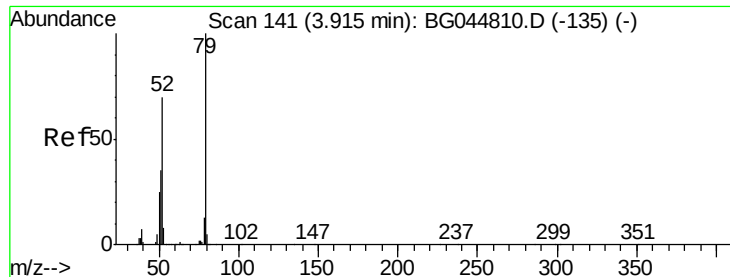
1,4-Dioxane
Concen: 35.56 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion: 88 Resp: 90417
Ion Ratio Lower Upper
88 100
58 77.7 63.0 94.4
43 28.5 24.8 37.2



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

Pyridine

Concen: 29.61 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

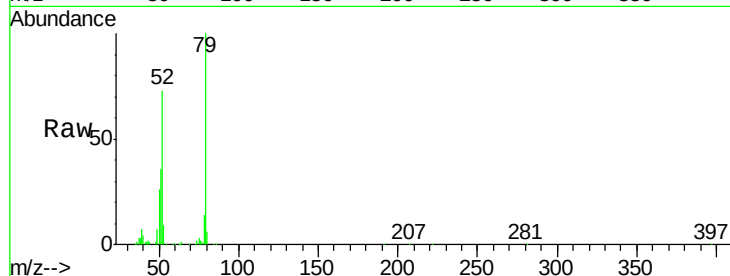
Tgt Ion: 79 Resp: 222872

Ion Ratio Lower Upper

79 100

52 73.4 56.3 84.5

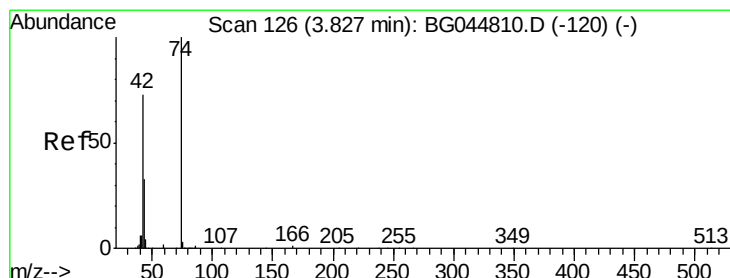
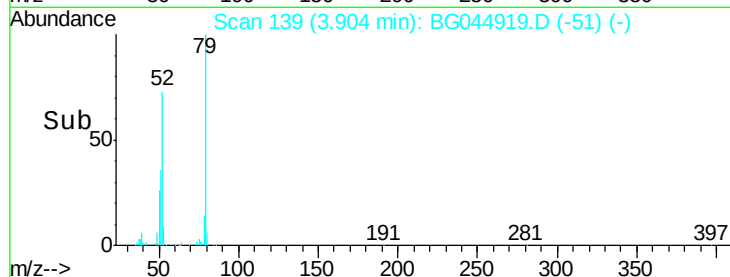
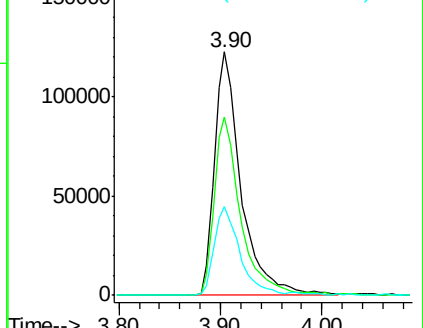
51 36.3 28.1 42.1



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: 38.68 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

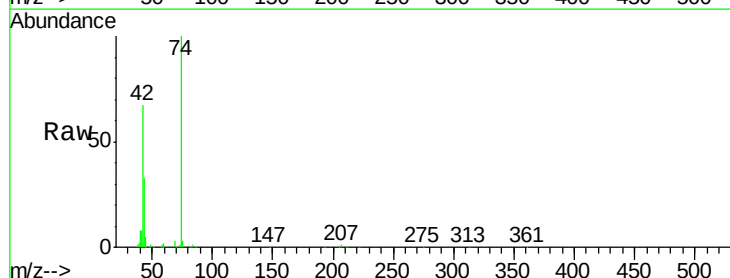
Tgt Ion: 42 Resp: 110451

Ion Ratio Lower Upper

42 100

74 149.9 109.1 163.7

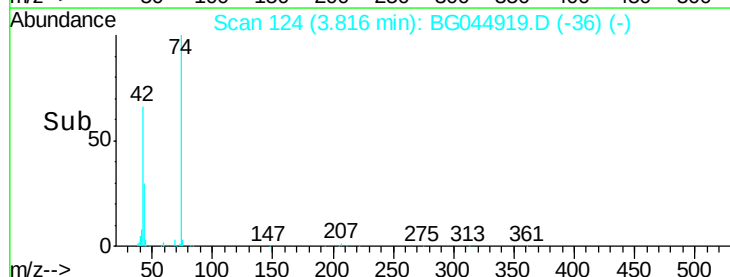
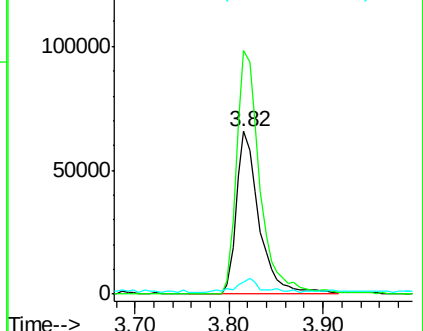
44 7.1 5.4 8.2

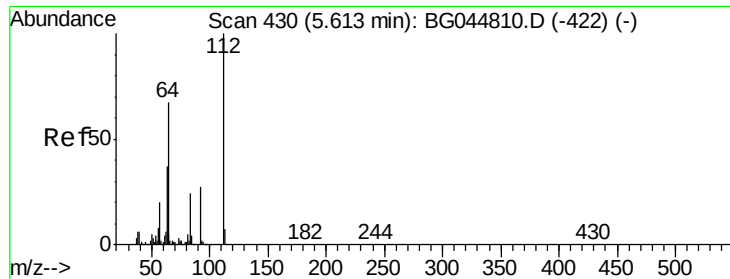


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 117.89 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

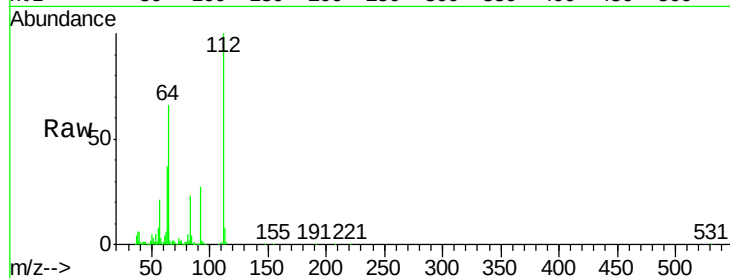
Tgt Ion: 112 Resp: 622388

Ion Ratio Lower Upper

112 100

64 65.9 53.4 80.2

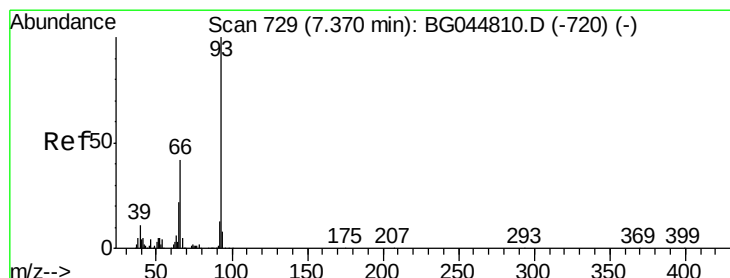
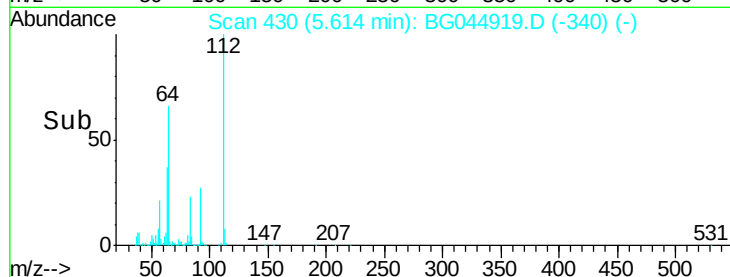
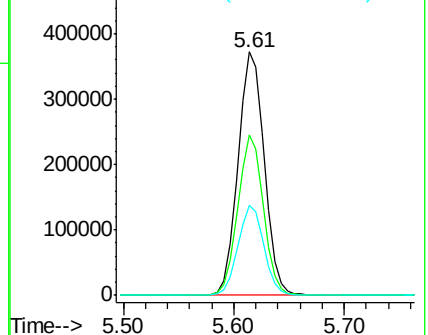
63 36.9 29.4 44.2



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: 31.00 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

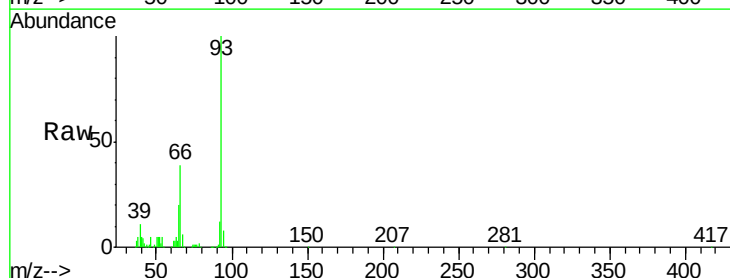
Tgt Ion: 93 Resp: 295860

Ion Ratio Lower Upper

93 100

66 38.9 33.7 50.5

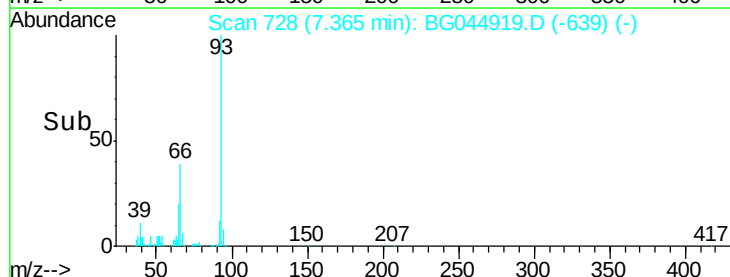
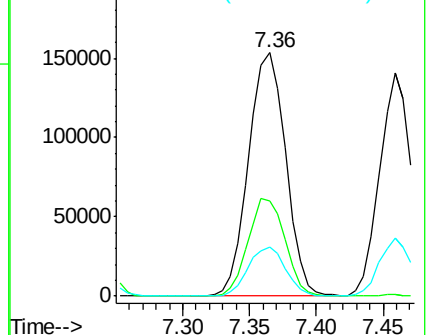
65 20.3 17.7 26.5

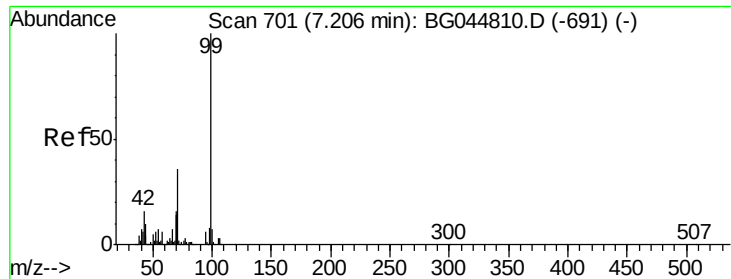


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.48 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

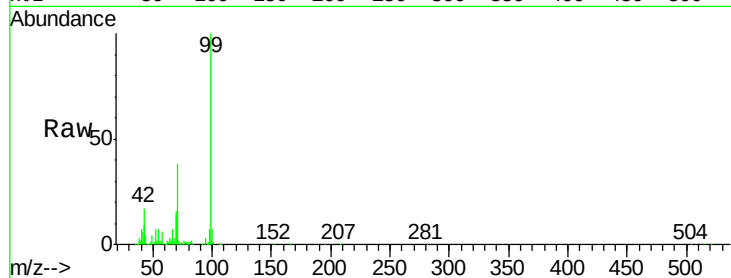
Tgt Ion: 99 Resp: 878150

Ion Ratio Lower Upper

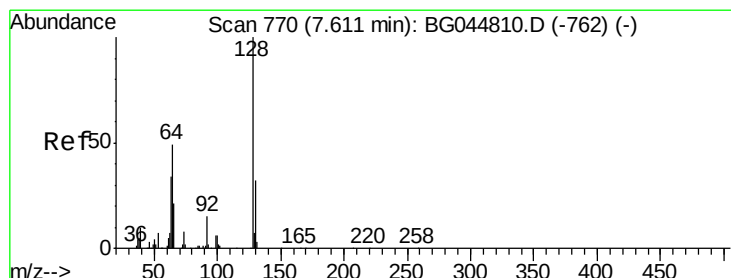
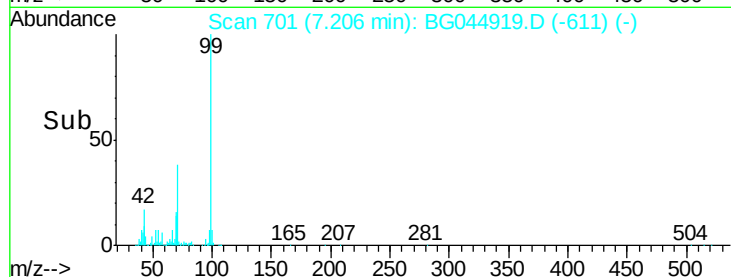
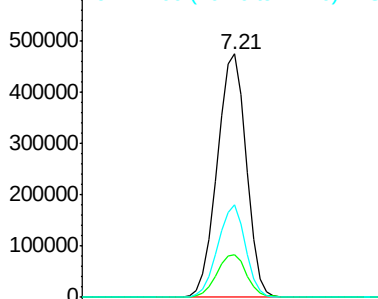
99 100

42 17.4 12.6 19.0

71 37.8 29.0 43.4



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: 43.92 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

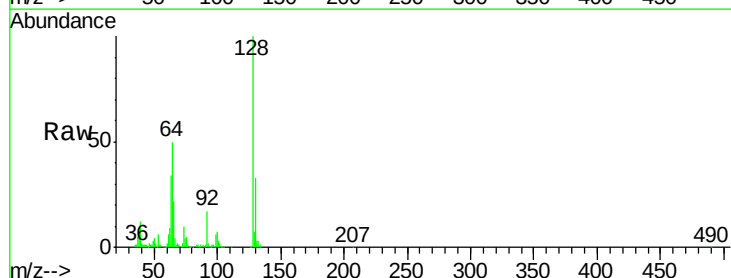
Tgt Ion: 128 Resp: 231477

Ion Ratio Lower Upper

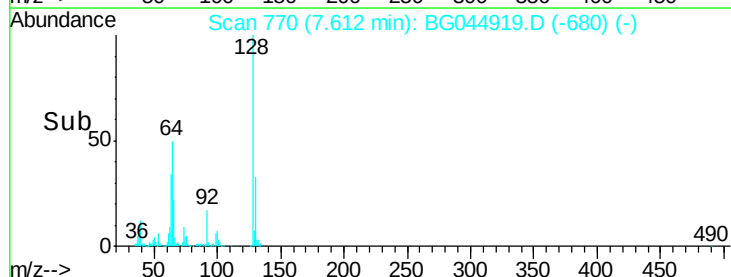
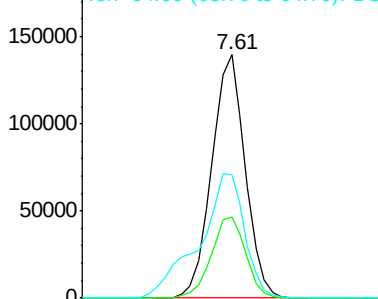
128 100

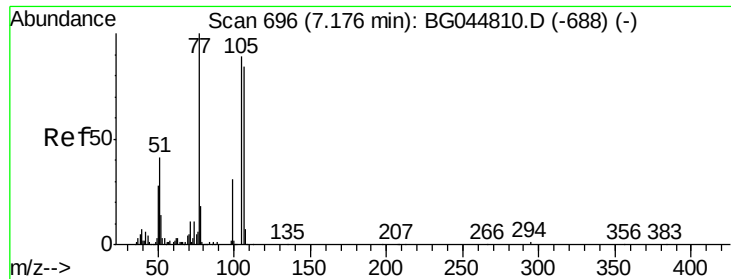
130 33.4 11.6 51.6

64 50.5 34.5 74.5



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: 18.07 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

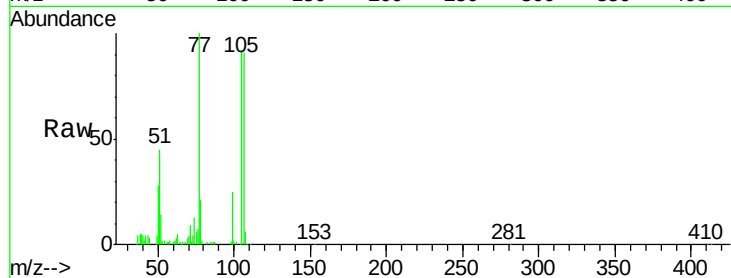
Tgt Ion: 77 Resp: 101022

Ion Ratio Lower Upper

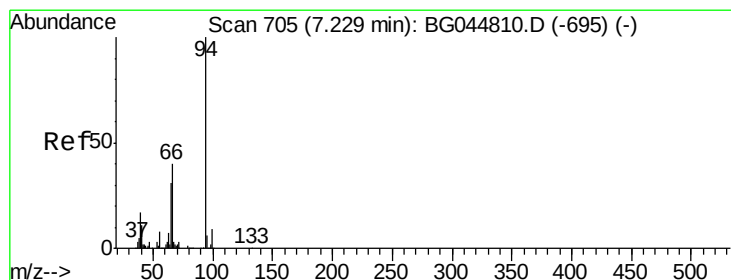
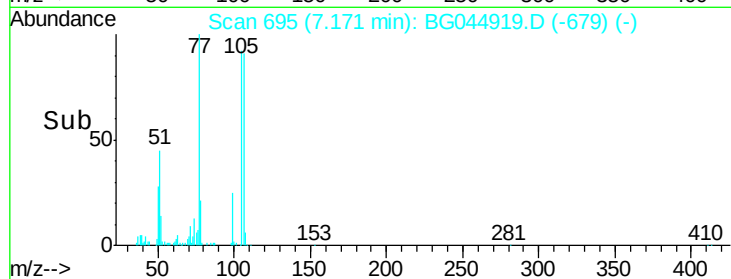
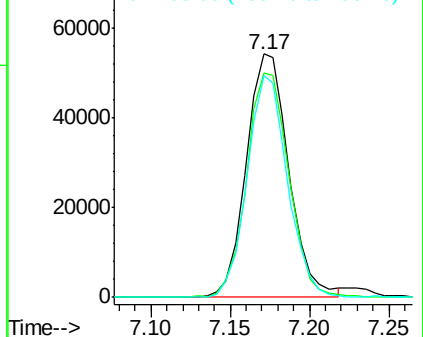
77 100

105 92.1 69.3 109.3

106 91.2 64.5 104.5



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



#10

Phenol

Concen: 42.25 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

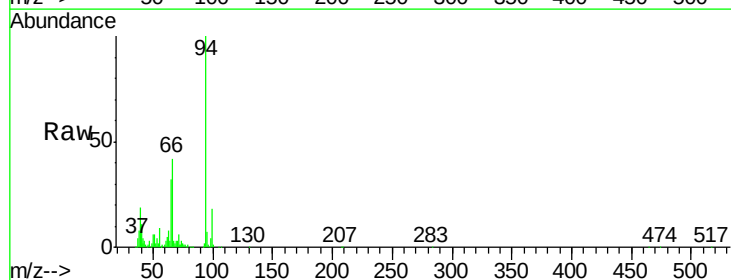
Tgt Ion: 94 Resp: 320880

Ion Ratio Lower Upper

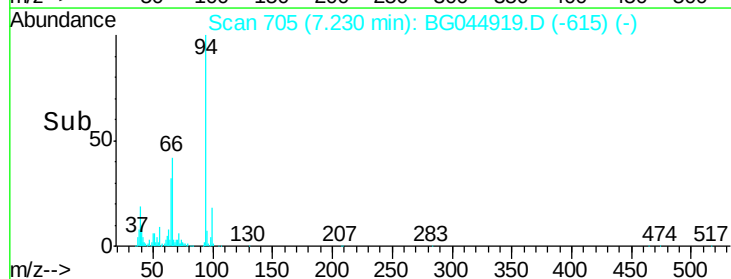
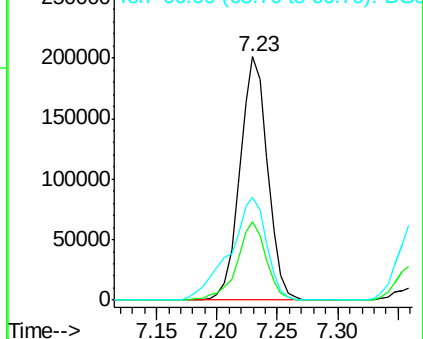
94 100

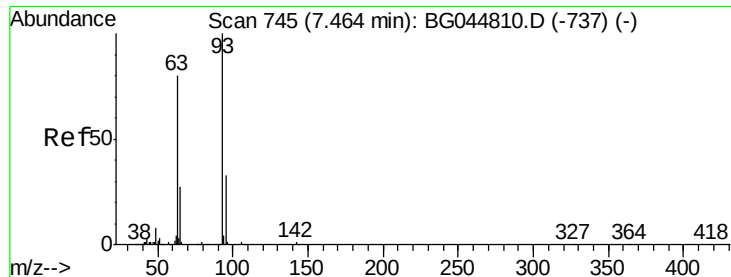
65 32.1 11.0 51.0

66 42.4 20.1 60.1



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





#11

bis(2-Chloroethyl)ether

Concen: 38.32 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

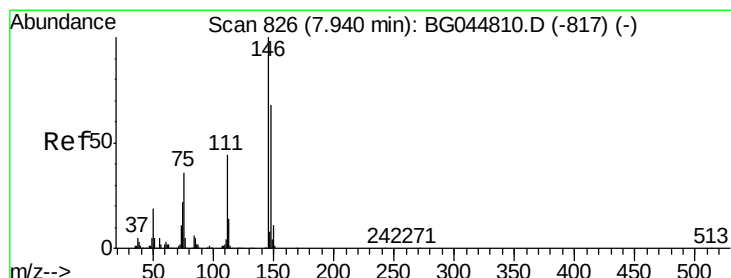
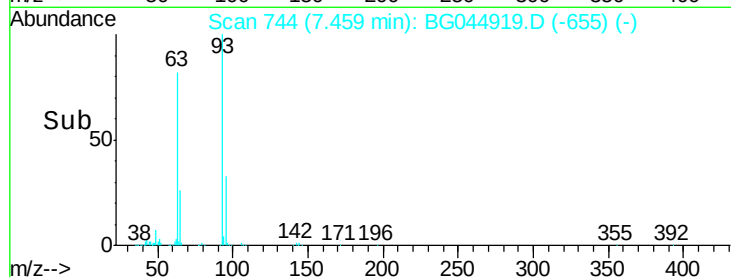
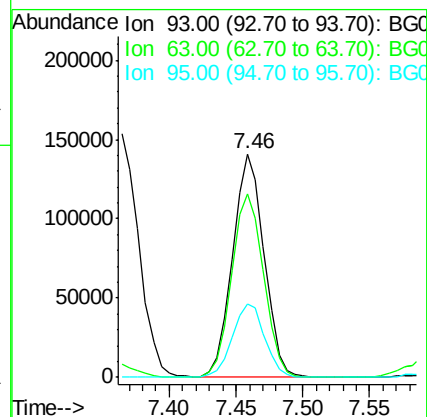
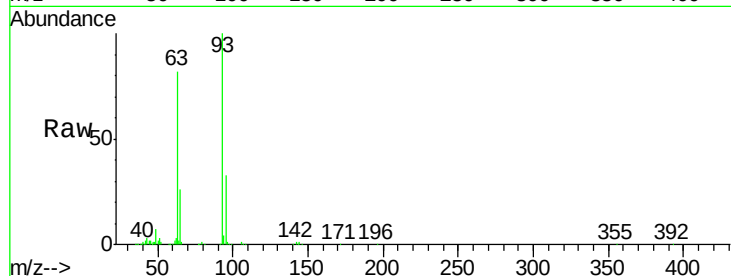
Tgt Ion: 93 Resp: 232239

Ion Ratio Lower Upper

93 100

63 82.1 59.7 99.7

95 32.8 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 38.49 ng

RT: 7.93 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

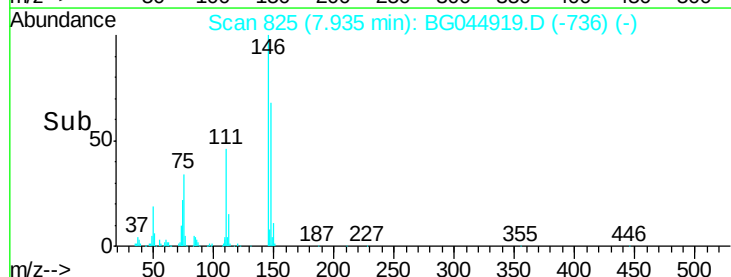
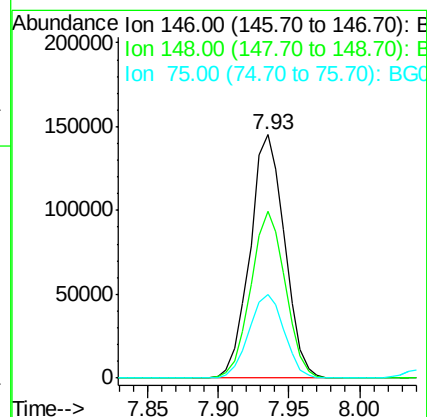
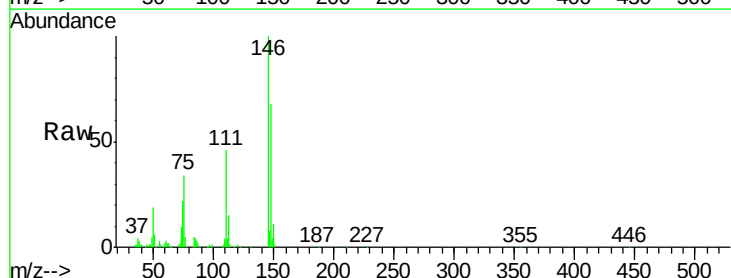
Tgt Ion: 146 Resp: 249878

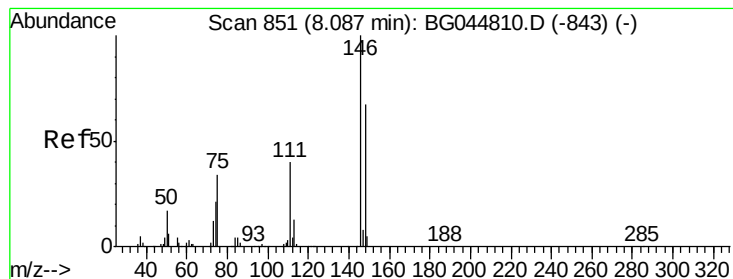
Ion Ratio Lower Upper

146 100

148 68.5 54.2 81.4

75 34.4 28.6 42.8





#13

1,4-Dichlorobenzene

Concen: 39.87 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

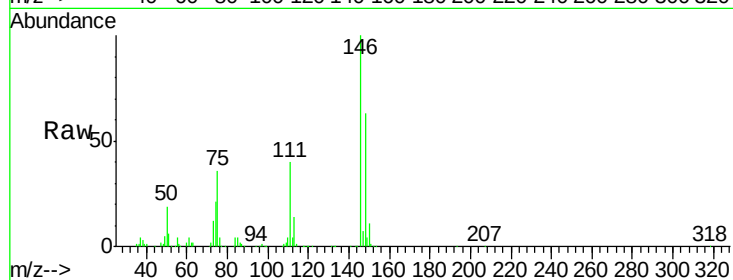
Tgt Ion:146 Resp: 255880

Ion Ratio Lower Upper

146 100

148 63.0 53.8 80.6

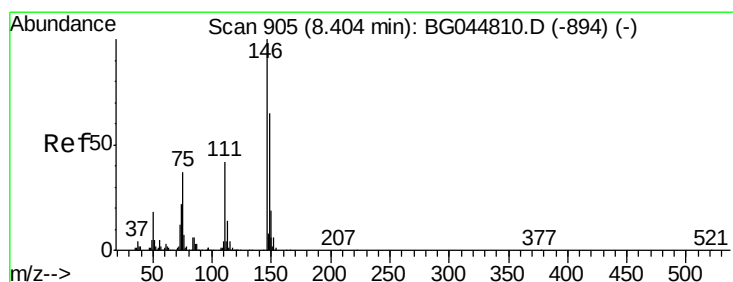
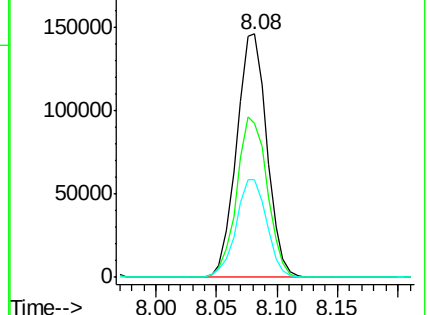
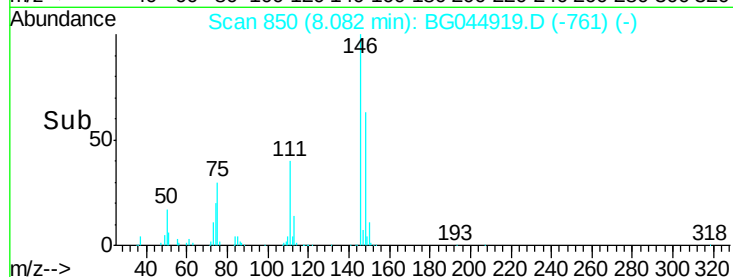
111 40.3 32.0 48.0



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: 39.75 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

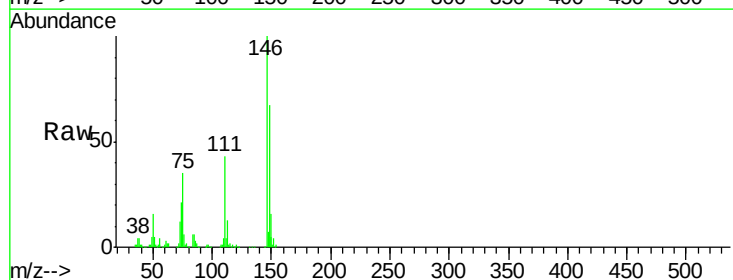
Tgt Ion:146 Resp: 241949

Ion Ratio Lower Upper

146 100

148 67.4 52.1 78.1

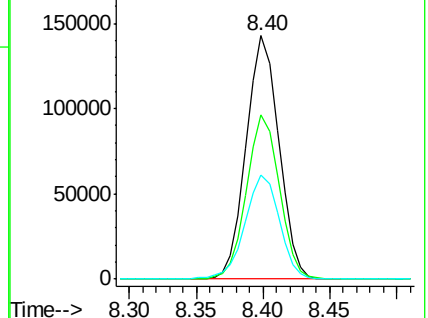
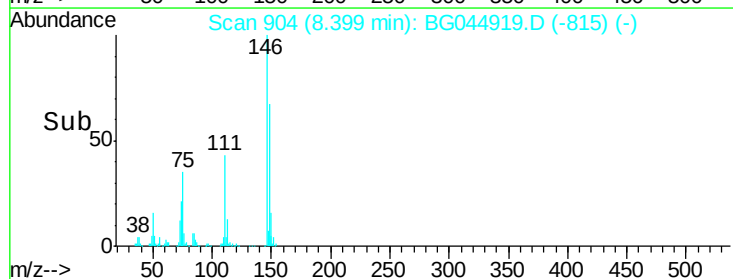
111 42.8 33.4 50.2

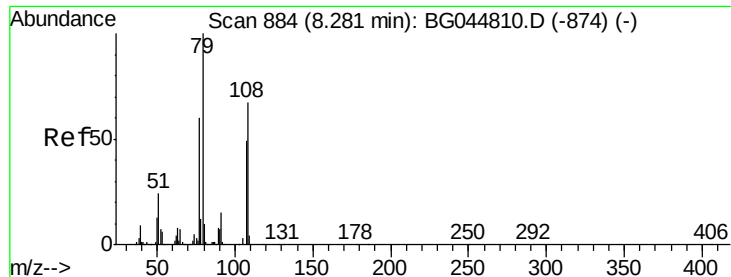


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

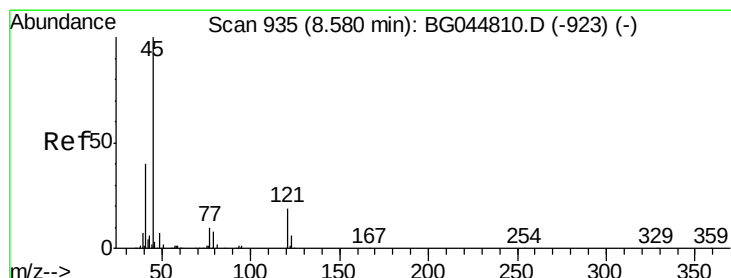
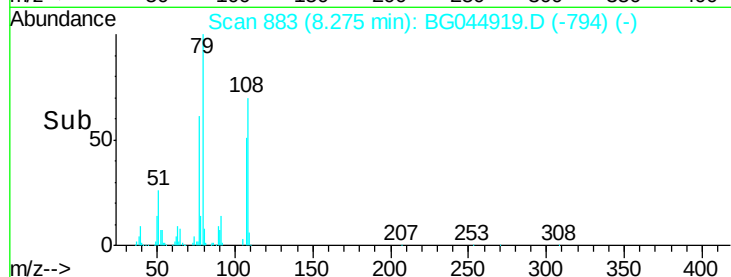
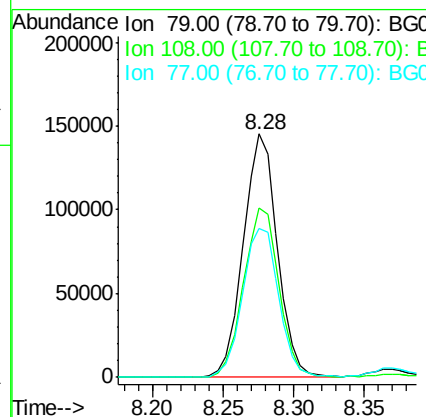
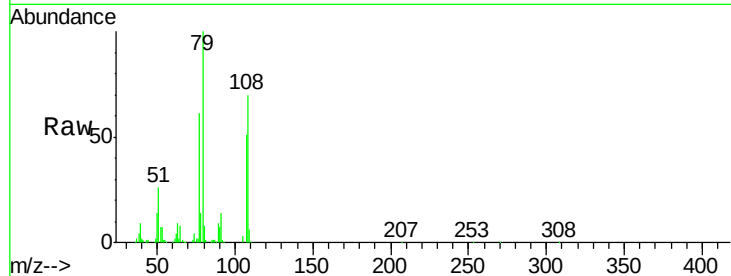




#15
Benzyl Alcohol
Concen: 39.84 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

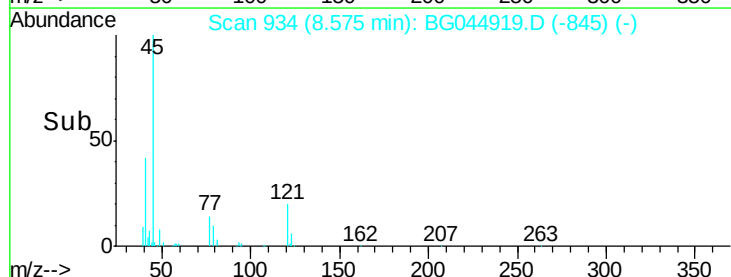
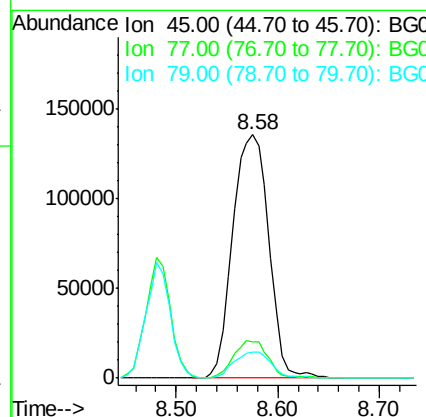
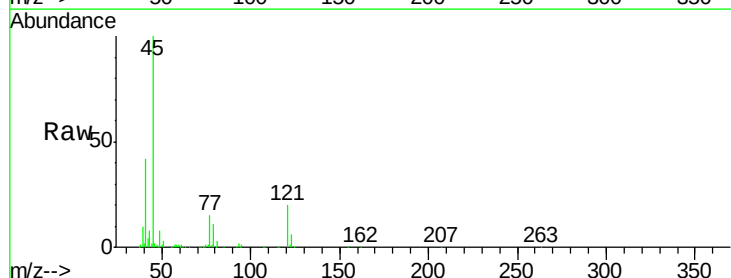
Instrument :
BNA_G
ClientSampleId :
PB127702BSD

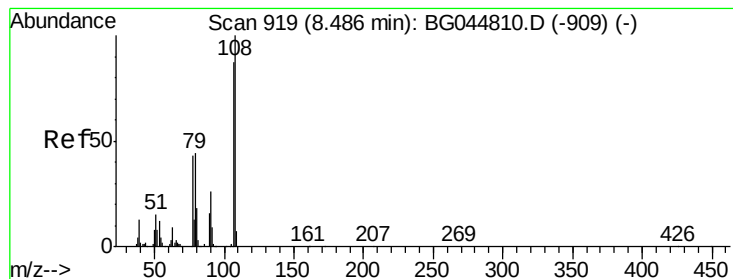
Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.8	53.8	80.8
77	61.3	47.8	71.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.23 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	33.9
79	10.8	0.0	30.8





#17

2-Methylphenol

Concen: 42.13 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

Tgt Ion:107 Resp: 216711

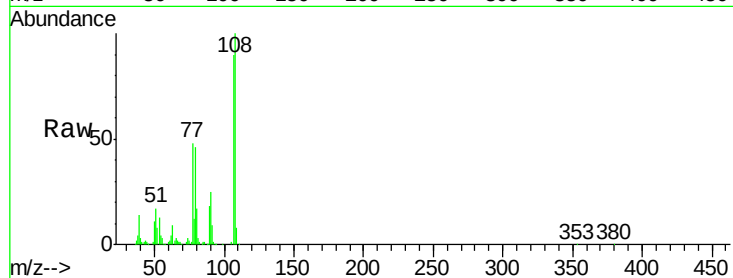
Ion Ratio Lower Upper

107 100

108 110.7 91.8 137.8

77 53.1 40.0 60.0

79 51.0 40.2 60.2

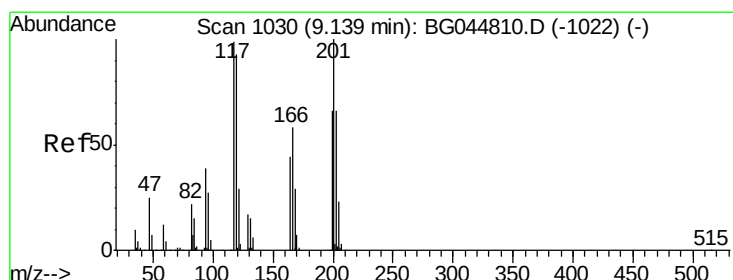
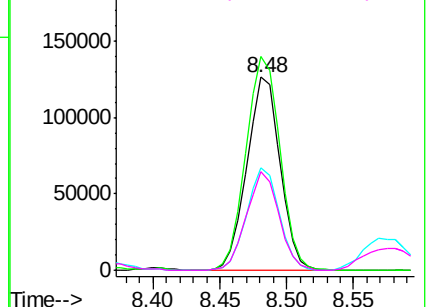
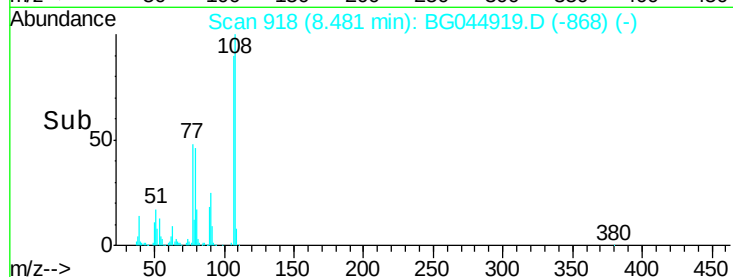


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.87 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

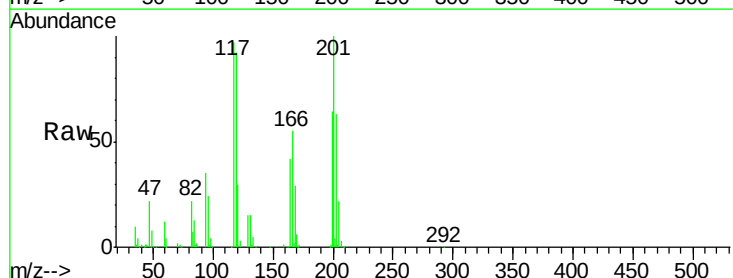
Tgt Ion:117 Resp: 98212

Ion Ratio Lower Upper

117 100

119 94.4 75.2 112.8

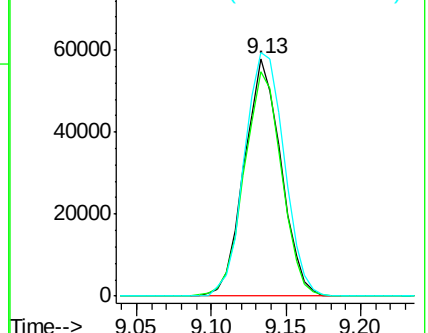
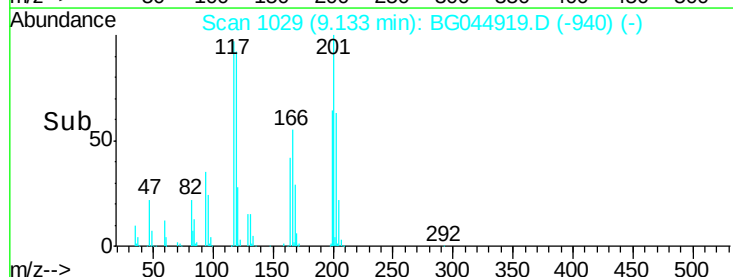
201 102.6 81.1 121.7

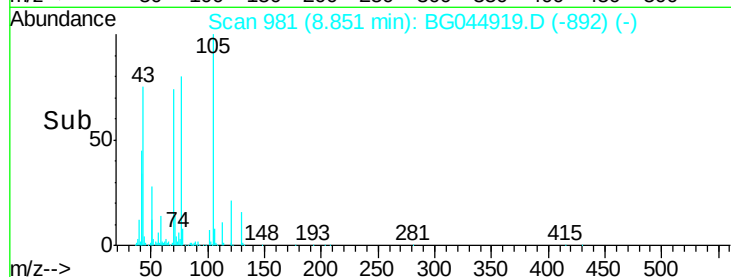
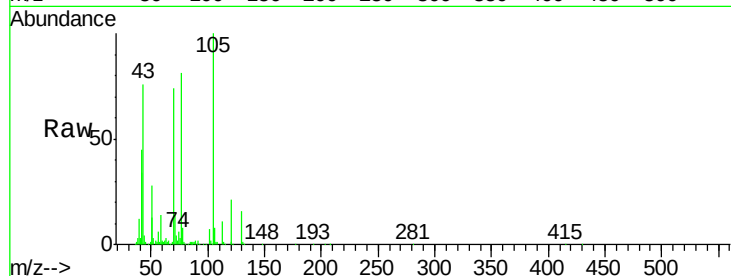
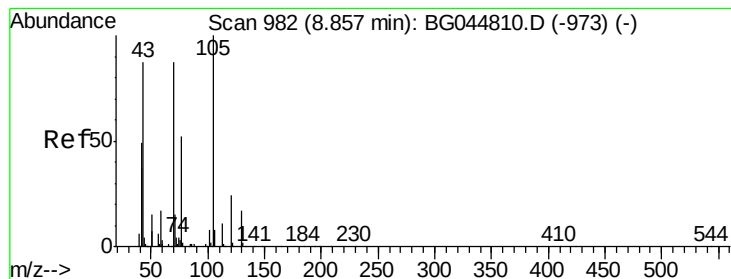


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.17 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

Tgt Ion: 70 Resp: 190500

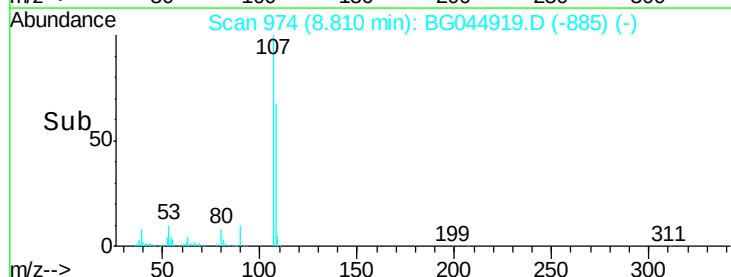
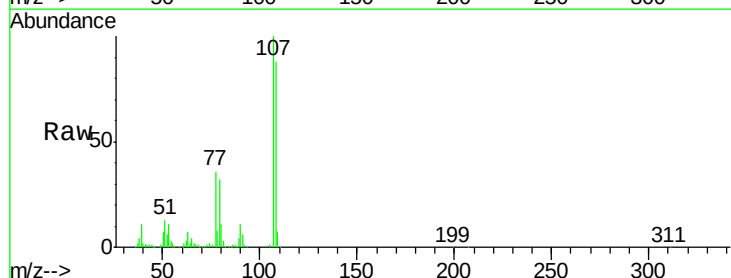
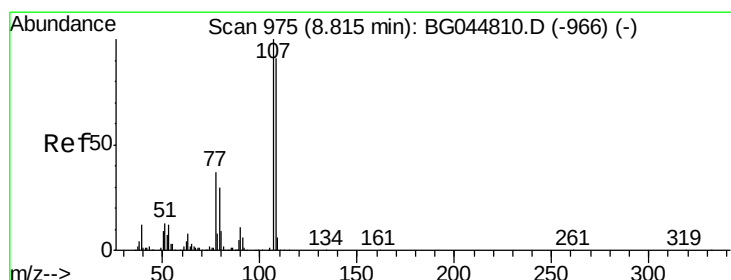
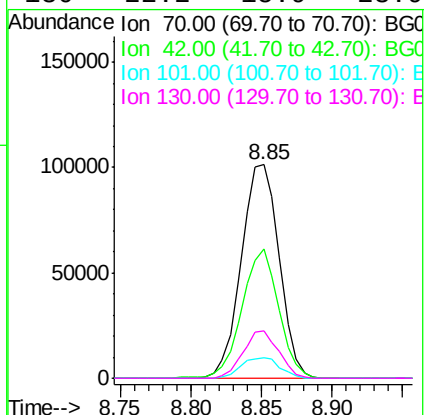
Ion Ratio Lower Upper

70 100

42 60.4 45.7 68.5

101 9.4 7.4 11.2

130 22.2 15.9 23.9



#20

3+4-Methylphenols

Concen: 43.05 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion: 107 Resp: 305260

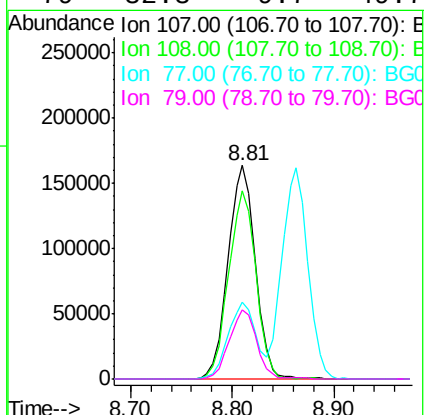
Ion Ratio Lower Upper

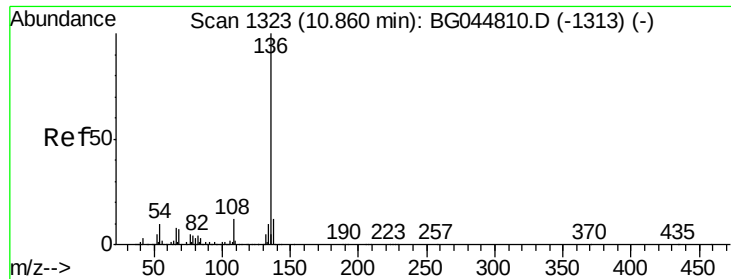
107 100

108 88.2 71.3 111.3

77 35.8 16.9 56.9

79 32.3 9.7 49.7

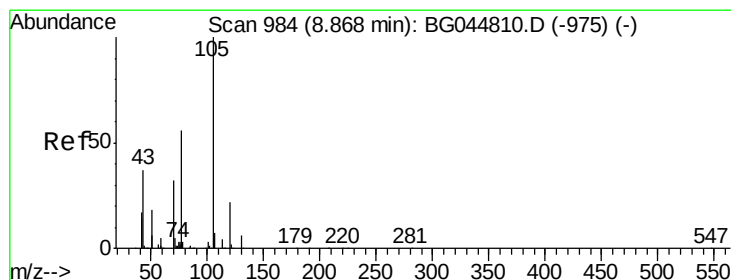
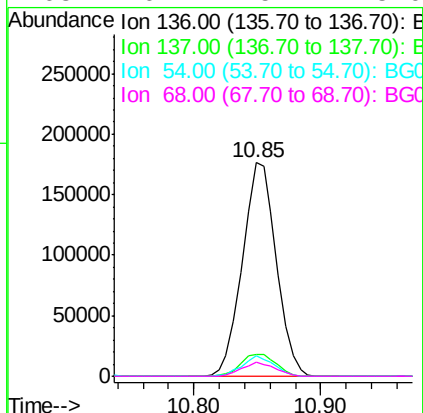
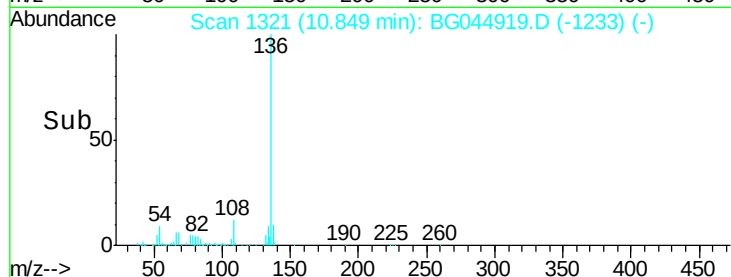
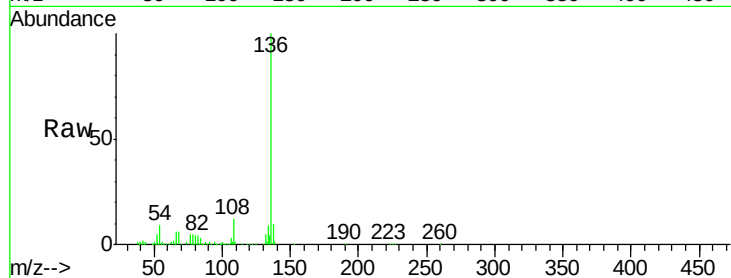




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

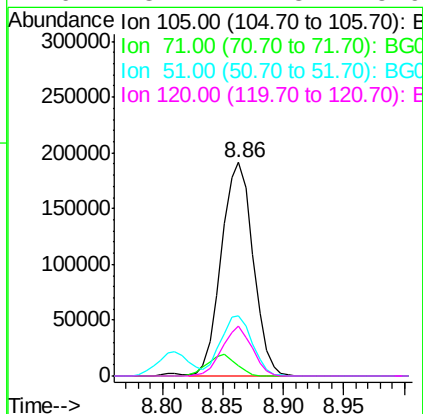
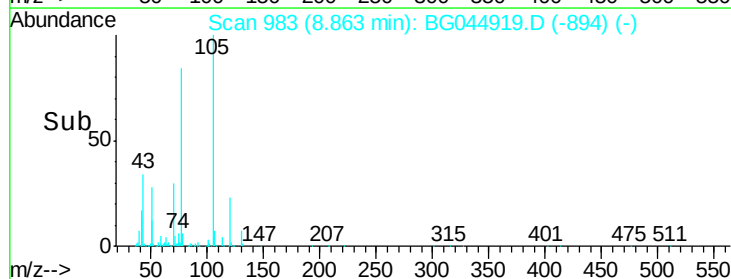
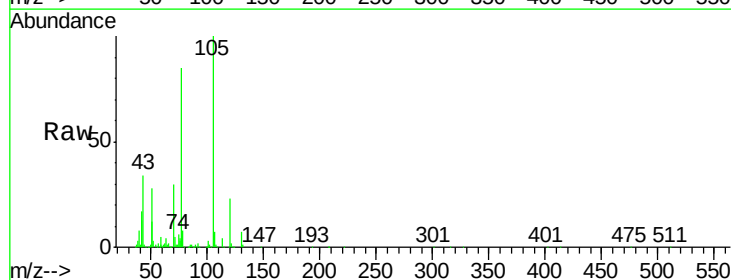
Instrument :
BNA_G
ClientSampleId :
PB127702BSD

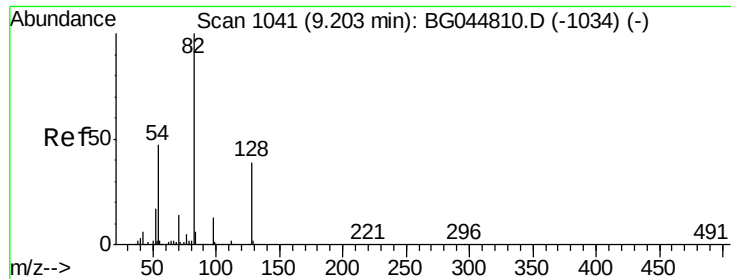
Tgt Ion:	136	Resp:	326165
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.8	14.6
54	9.4	7.9	11.9
68	6.4	5.4	8.0



#22
Acetophenone
Concen: 37.82 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion:	105	Resp:	349491
Ion	Ratio	Lower	Upper
105	100		
71	4.7	3.9	5.9
51	28.1	22.6	33.8
120	23.2	17.3	25.9

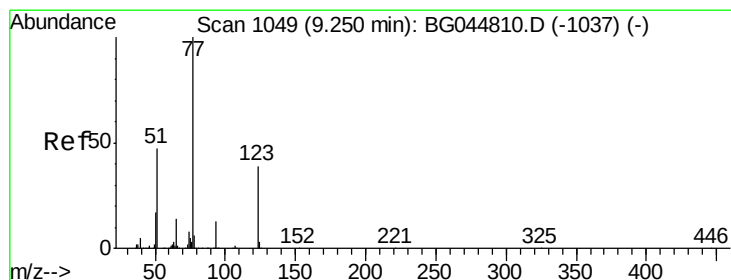
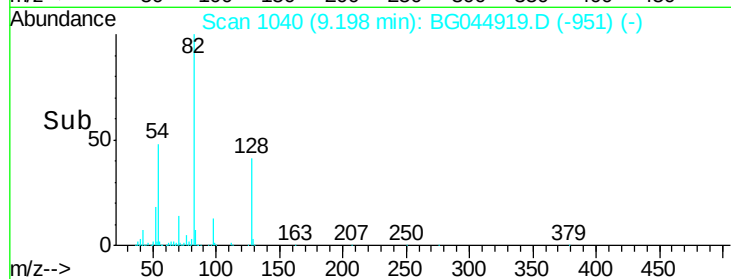
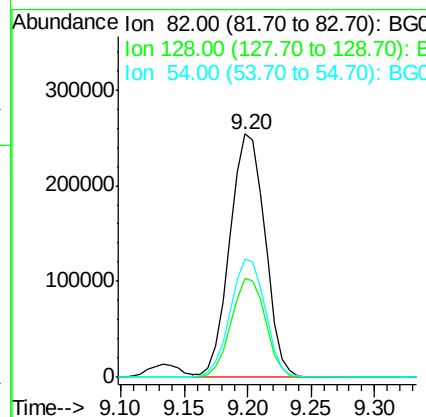
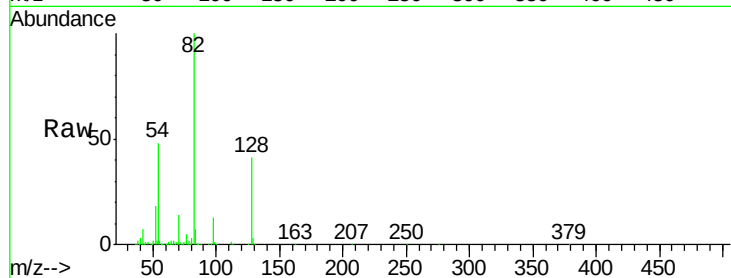




#23
 Nitrobenzene-d5
 Concen: 65.75 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

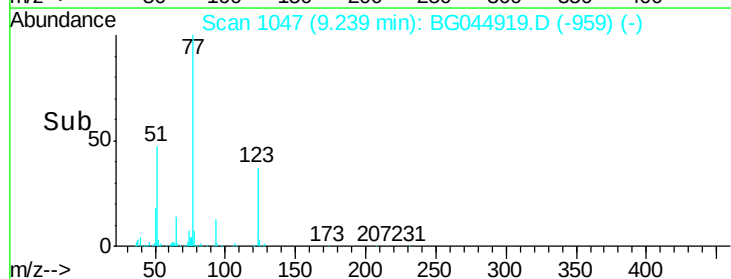
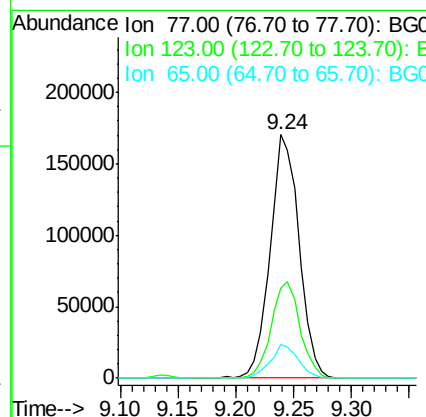
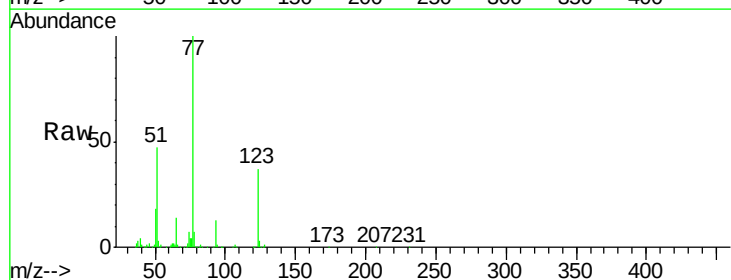
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

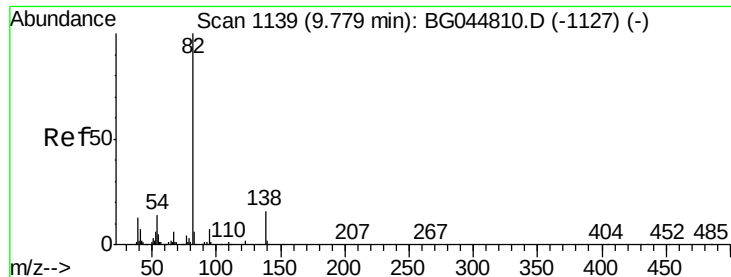
Tgt Ion: 82 Resp: 488702
 Ion Ratio Lower Upper
 82 100
 128 40.9 30.6 46.0
 54 48.4 37.1 55.7



#24
 Nitrobenzene
 Concen: 38.64 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion: 77 Resp: 297975
 Ion Ratio Lower Upper
 77 100
 123 36.9 31.3 46.9
 65 13.7 11.4 17.0





#25

Isophorone

Concen: 36.95 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

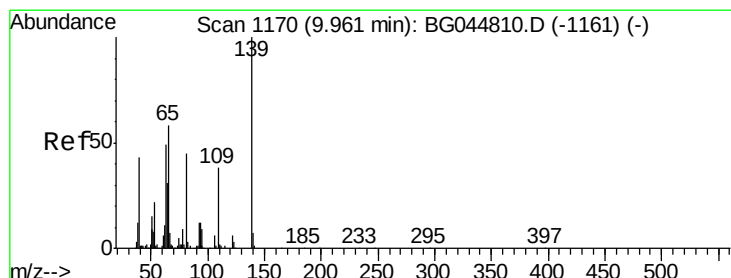
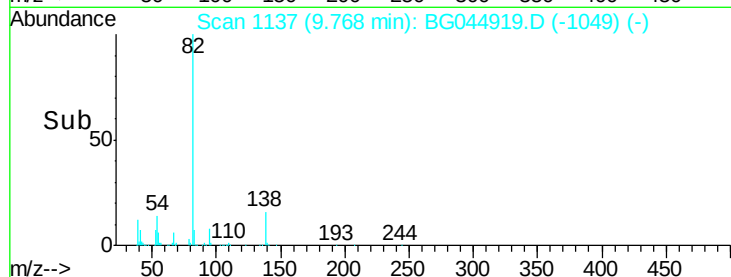
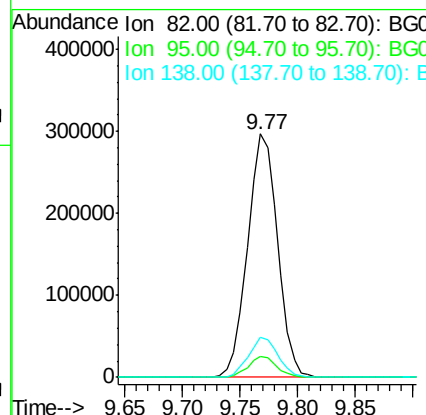
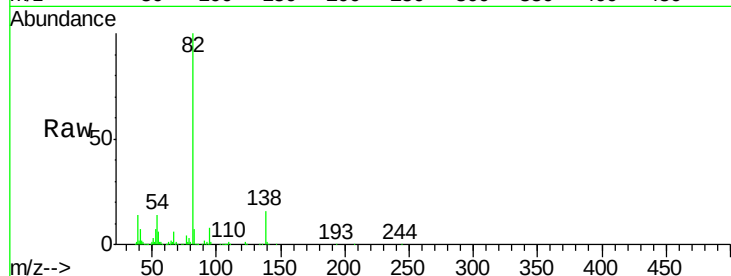
Tgt Ion: 82 Resp: 536008

Ion Ratio Lower Upper

82 100

95 8.4 5.5 8.3#

138 16.4 12.5 18.7



#26

2-Nitrophenol

Concen: 48.08 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

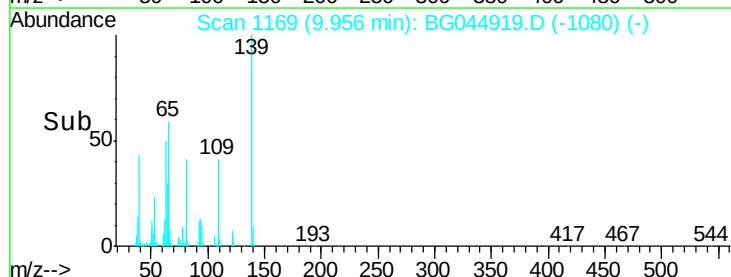
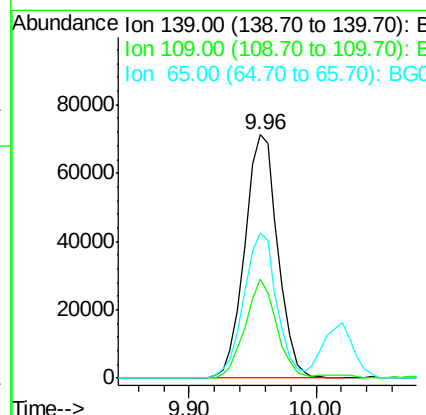
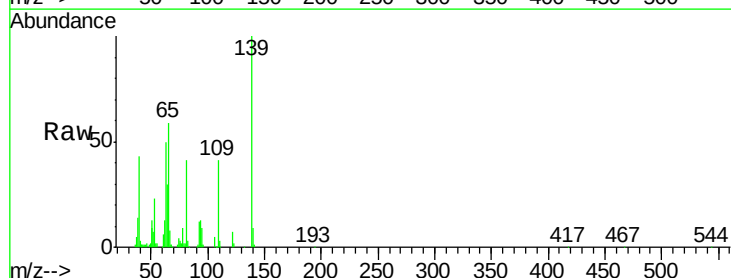
Tgt Ion: 139 Resp: 128770

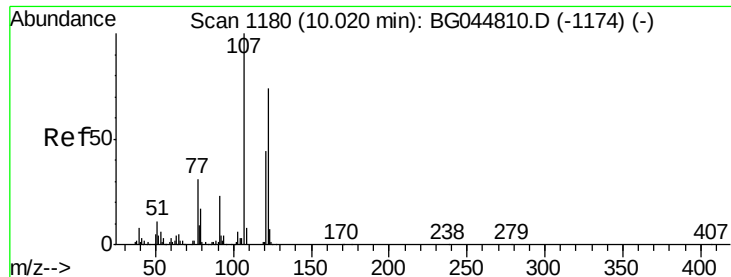
Ion Ratio Lower Upper

139 100

109 40.6 30.2 45.4

65 59.4 46.3 69.5

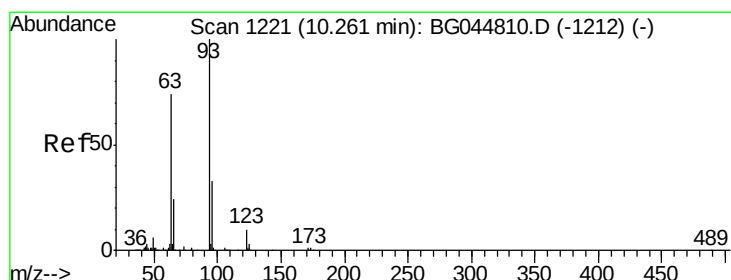
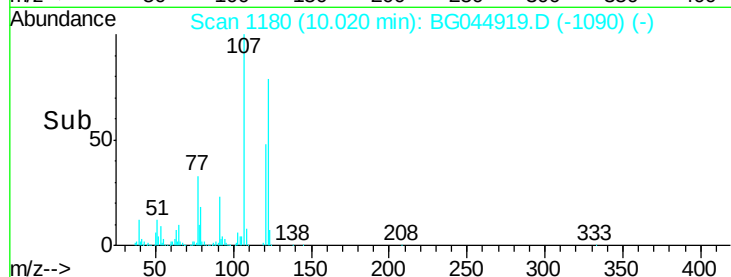
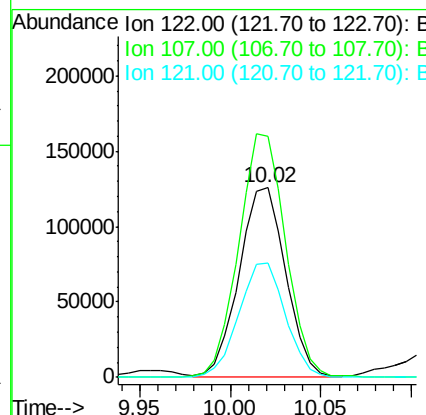
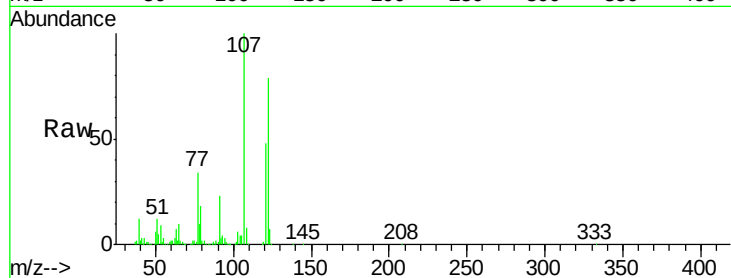




#27
 2,4-Dimethylphenol
 Concen: 47.30 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

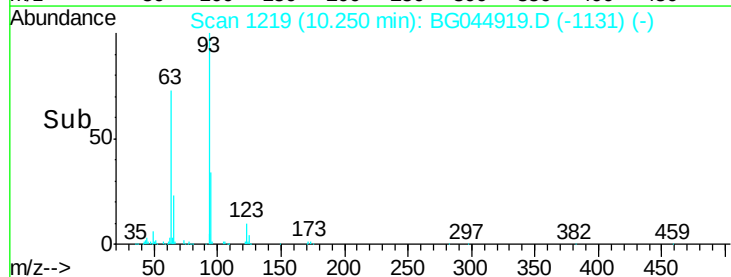
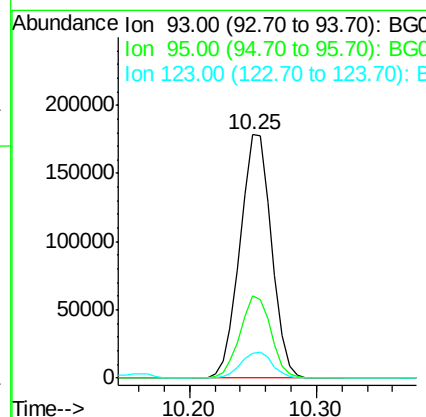
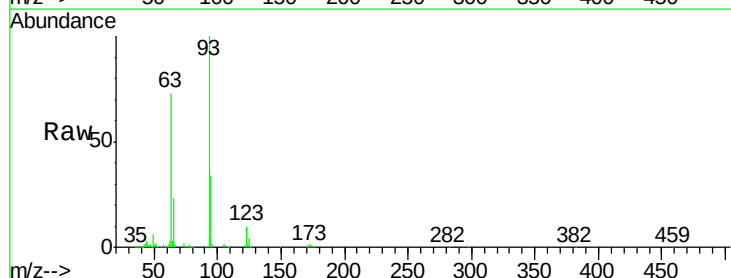
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

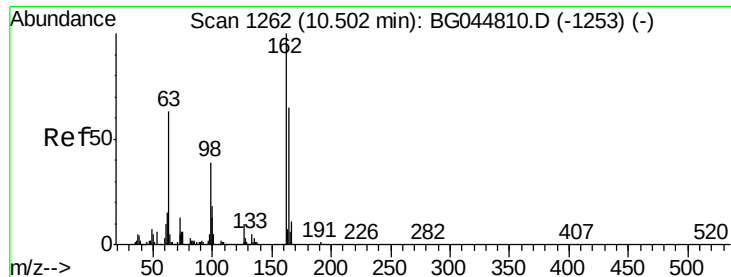
Tgt Ion: 122 Resp: 223461
 Ion Ratio Lower Upper
 122 100
 107 127.0 107.1 160.7
 121 60.3 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.43 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion: 93 Resp: 306728
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.4 39.6
 123 10.0 8.4 12.6

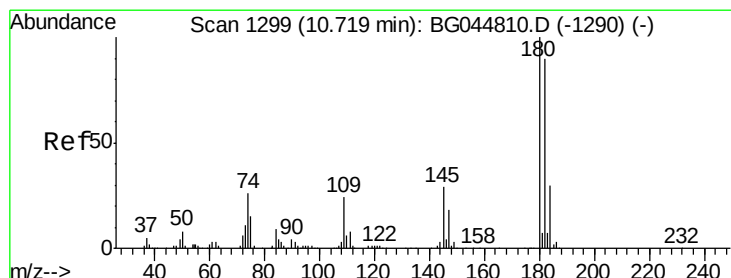
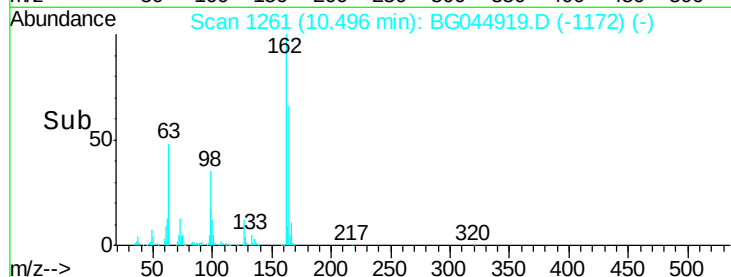
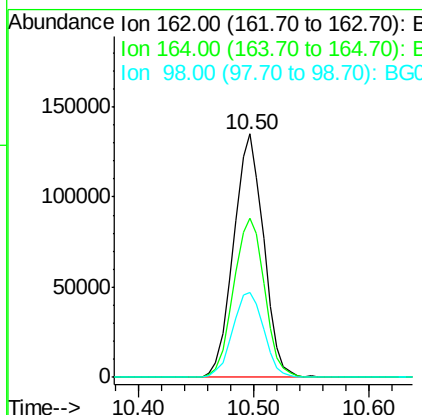
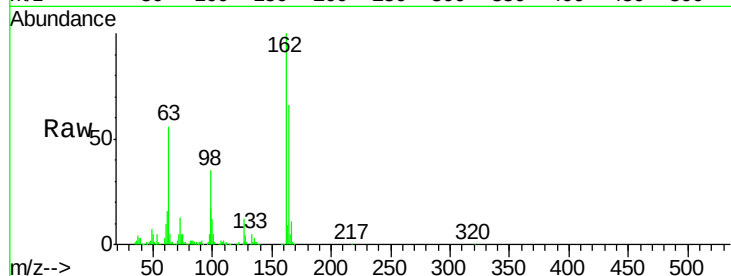




#29
 2,4-Dichlorophenol
 Concen: 44.10 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

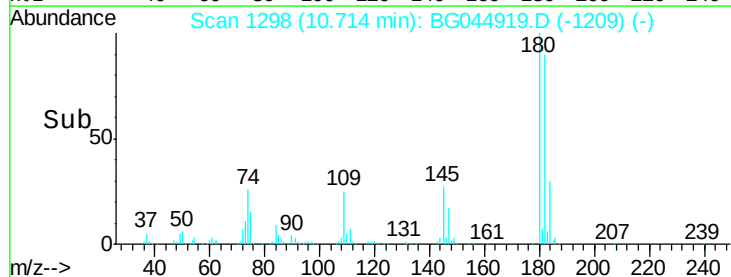
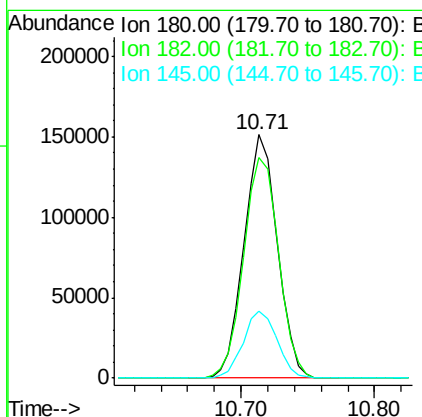
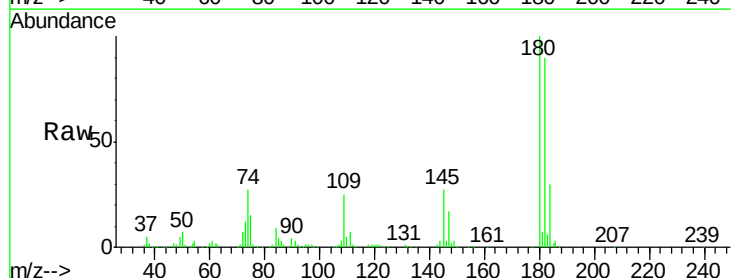
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

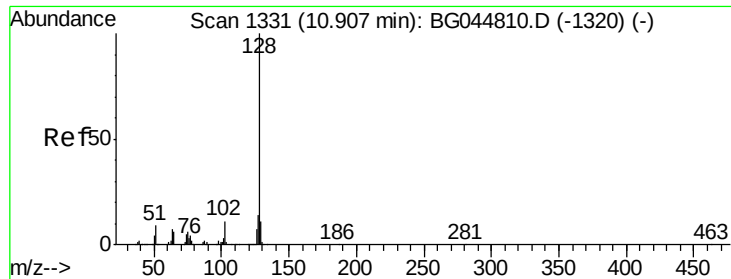
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.2	85.2
98	34.7	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.43 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.4	71.6	107.4
145	27.4	23.4	35.0

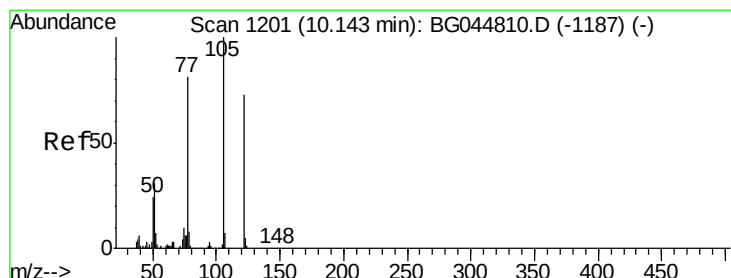
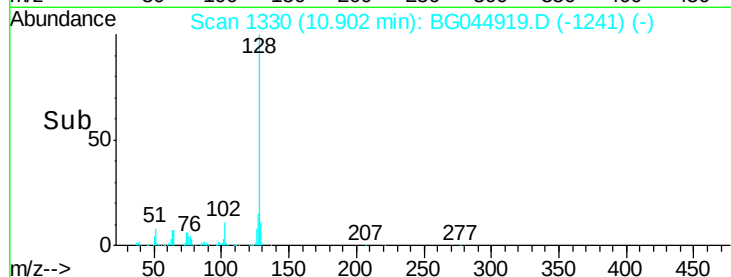
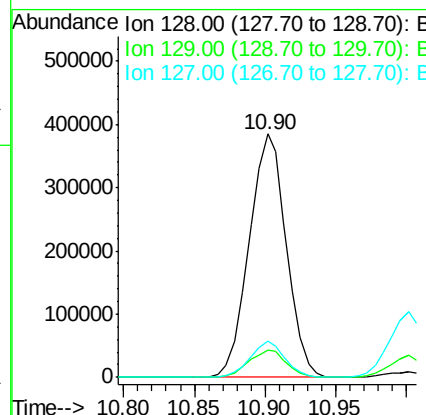
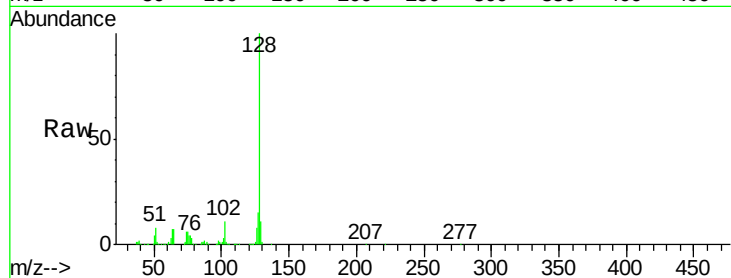




#31
Naphthalene
Concen: 39.18 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

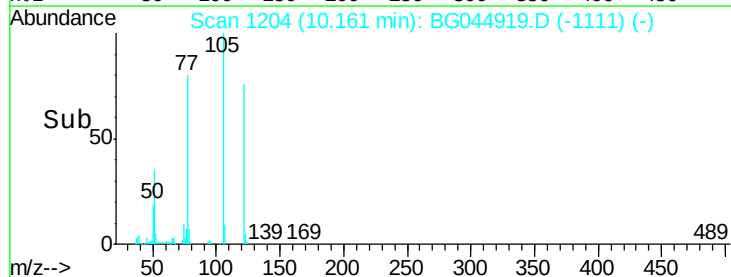
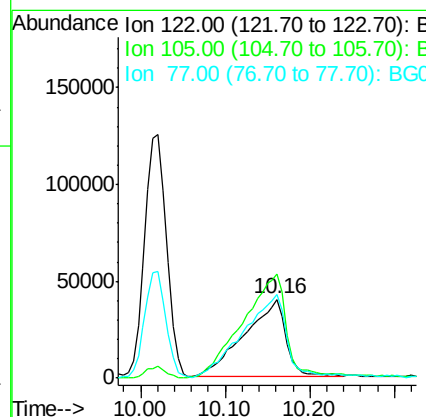
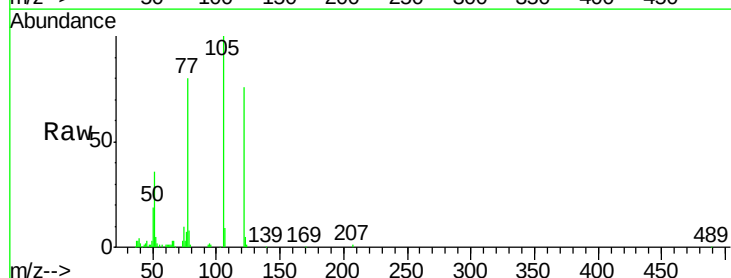
Instrument :
BNA_G
ClientSampleId :
PB127702BSD

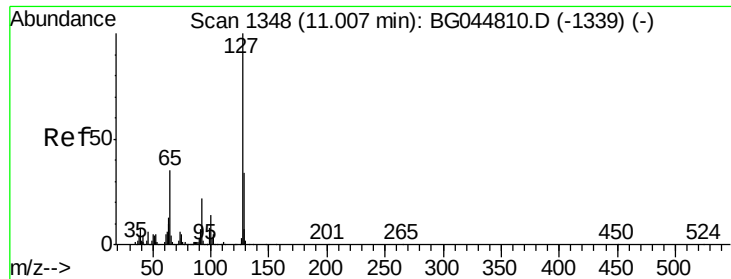
Tgt Ion:128 Resp: 707883
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 14.8 10.8 16.2



#32
Benzoic acid
Concen: 39.60 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion:122 Resp: 137929
Ion Ratio Lower Upper
122 100
105 131.4 109.1 149.1
77 105.4 85.3 125.3

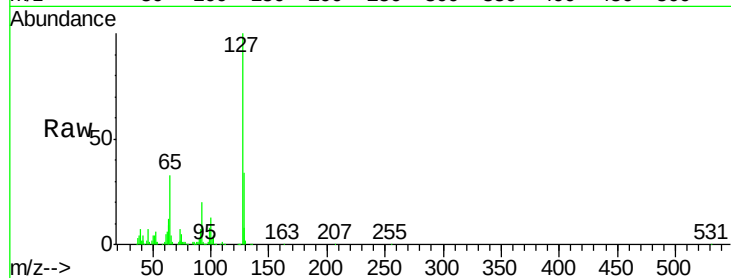




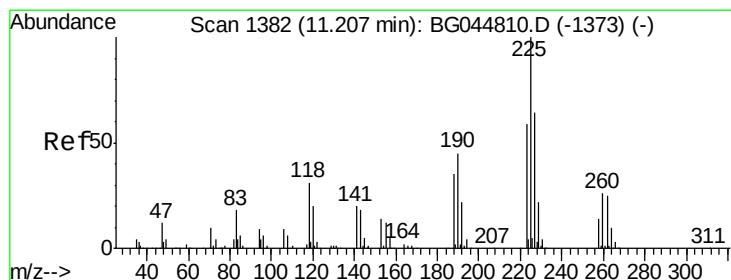
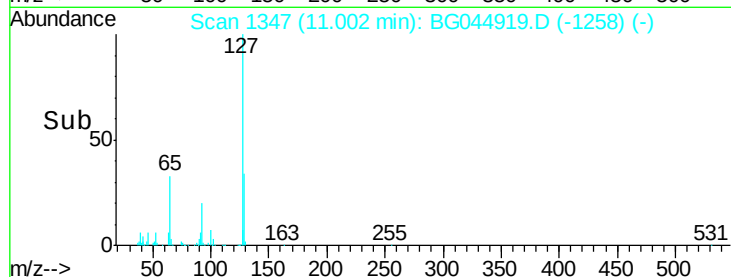
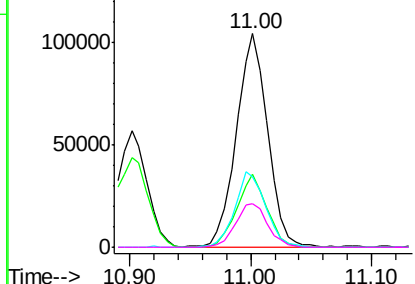
#33
4-Chloroaniline
Concen: 22.94 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tgt Ion:	127	Resp:	186698
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.9	40.3
65	33.1	27.7	41.5
92	20.2	17.4	26.2

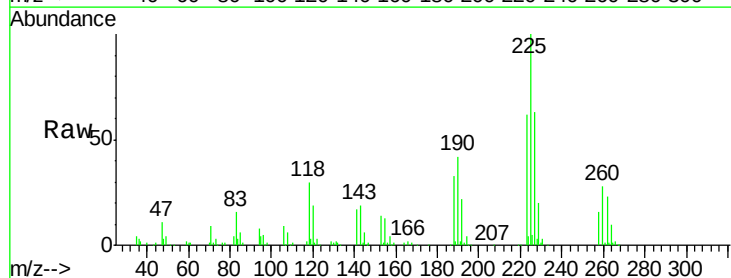


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

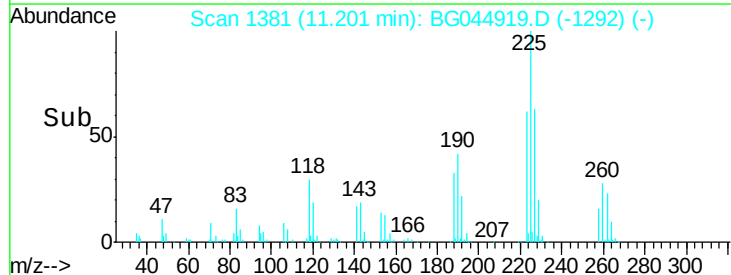
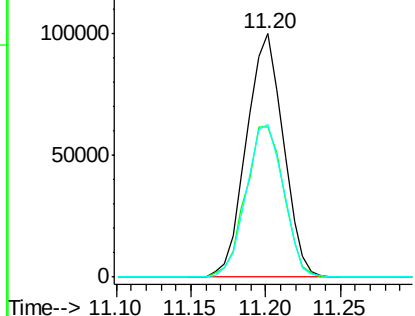


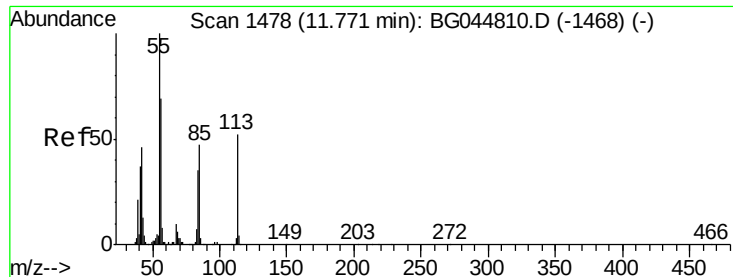
#34
Hexachlorobutadiene
Concen: 39.29 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion:	225	Resp:	170475
Ion	Ratio	Lower	Upper
225	100		
223	61.9	47.4	71.0
227	62.8	50.8	76.2



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





#35

Caprolactam

Concen: 21.12 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

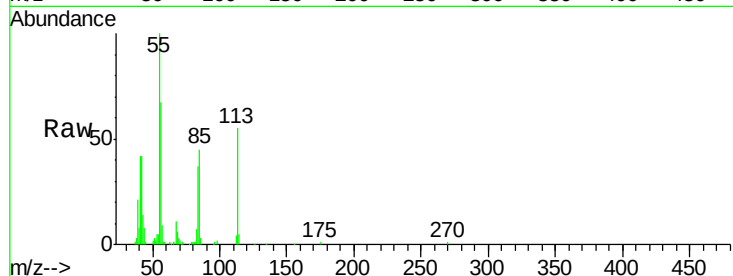
Tgt Ion:113 Resp: 44128

Ion Ratio Lower Upper

113 100

55 181.3 173.8 213.8

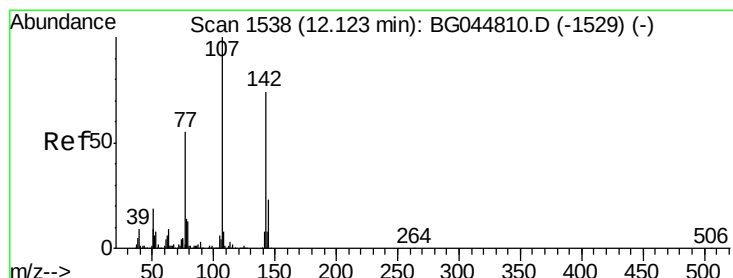
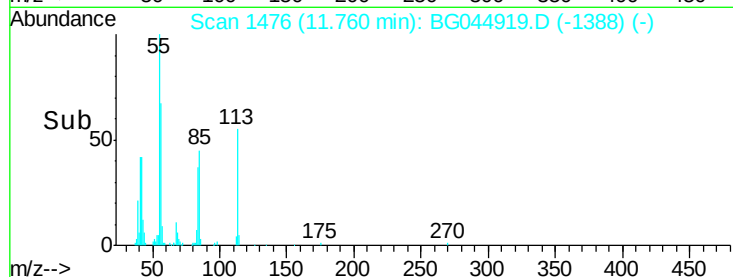
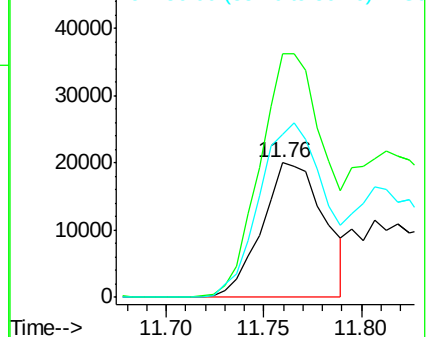
56 121.2 113.8 153.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.66 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

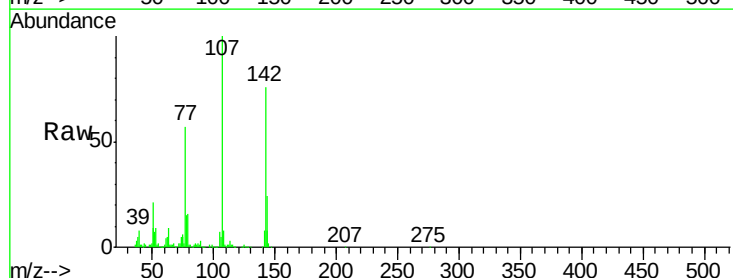
Tgt Ion:107 Resp: 274169

Ion Ratio Lower Upper

107 100

144 23.9 18.0 27.0

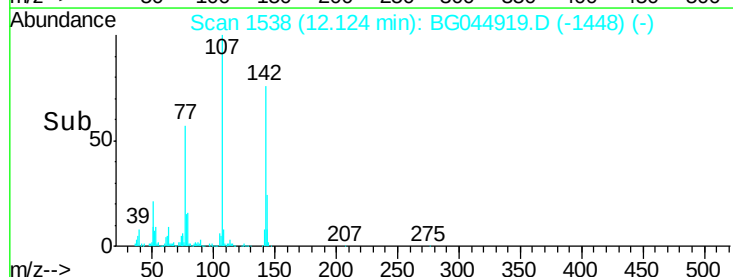
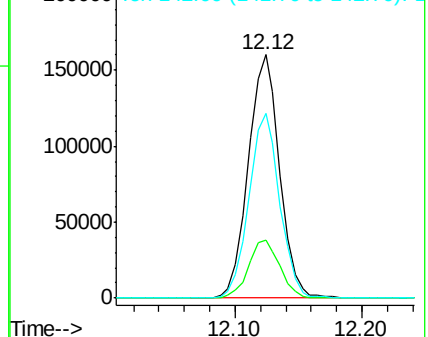
142 76.1 59.0 88.4

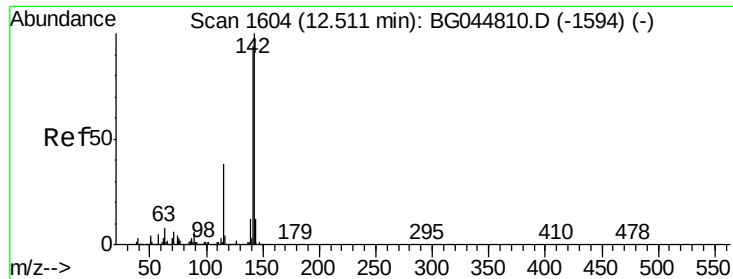


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.18 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

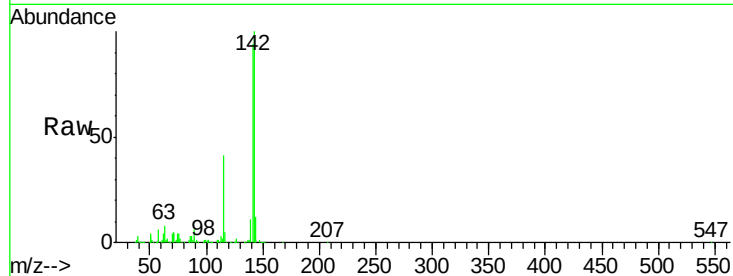
Tgt Ion:142 Resp: 529594

Ion Ratio Lower Upper

142 100

141 93.9 75.1 112.7

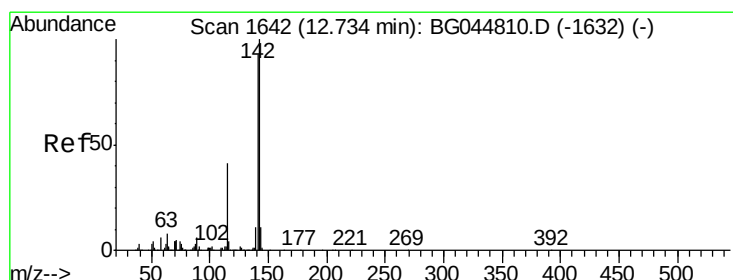
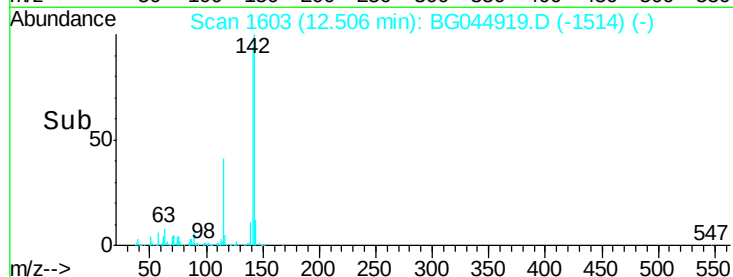
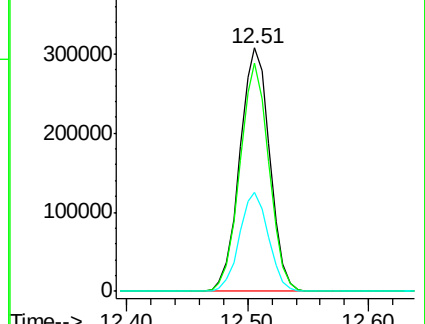
115 40.6 30.6 46.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.50 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

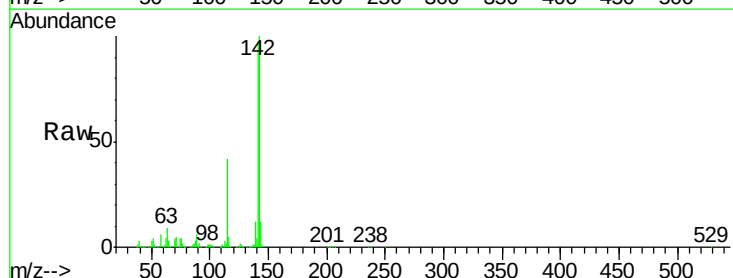
Tgt Ion:142 Resp: 501910

Ion Ratio Lower Upper

142 100

141 96.6 74.7 112.1

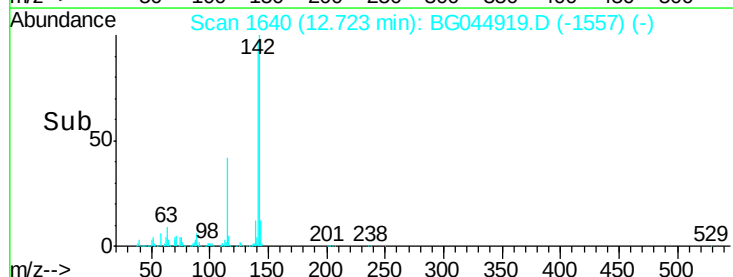
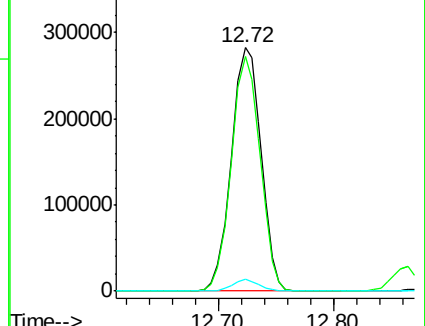
116 4.7 3.3 4.9

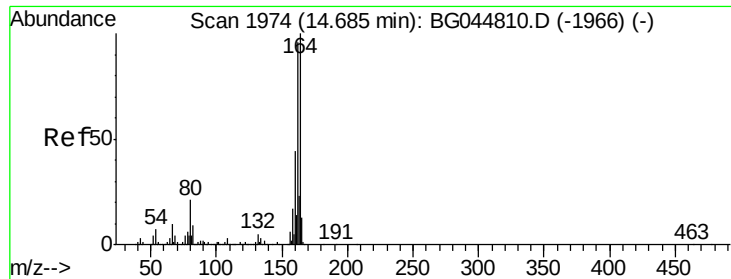


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

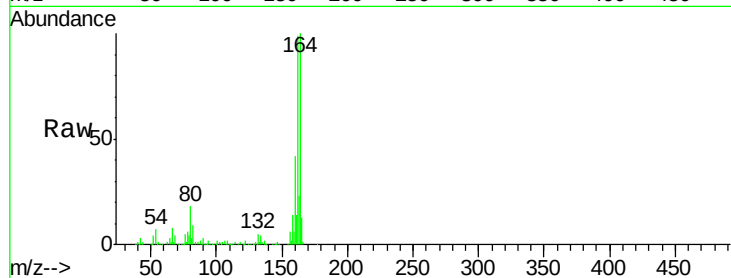
Tgt Ion:164 Resp: 225061

Ion Ratio Lower Upper

164 100

162 98.9 76.7 115.1

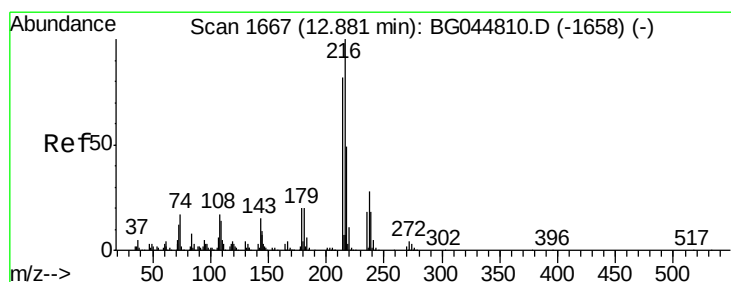
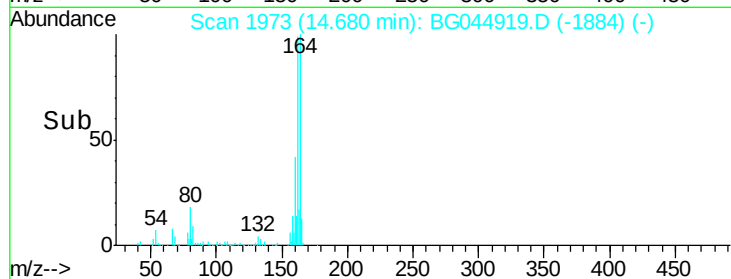
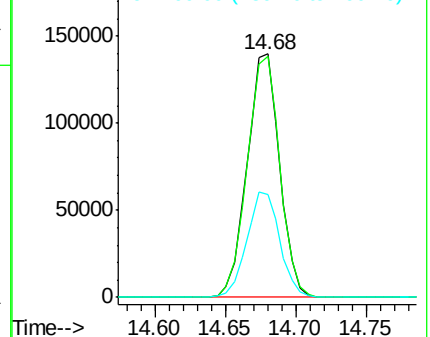
160 42.2 35.0 52.4



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: 38.54 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:216 Resp: 285688

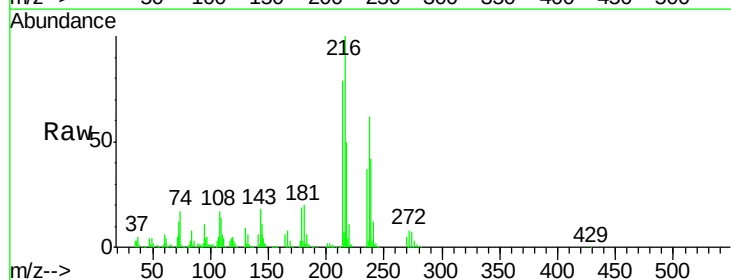
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 19.6 16.2 24.2

108 20.4 14.6 22.0

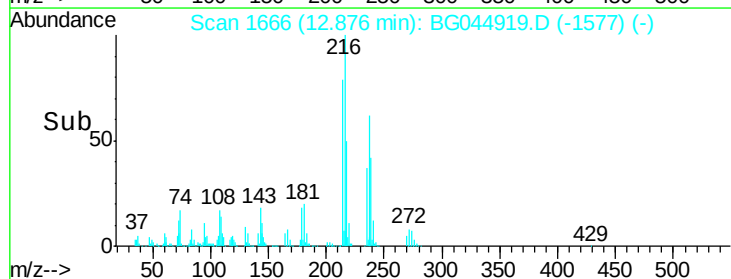
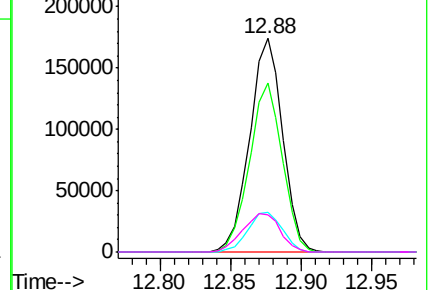


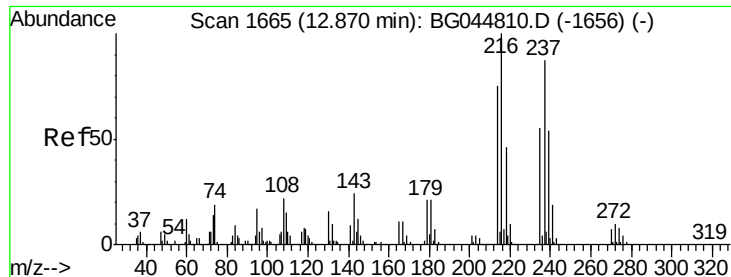
Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.61 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

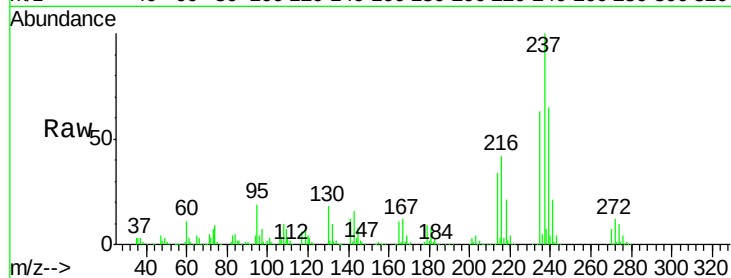
Tgt Ion: 237 Resp: 383216

Ion Ratio Lower Upper

237 100

235 63.3 42.9 82.9

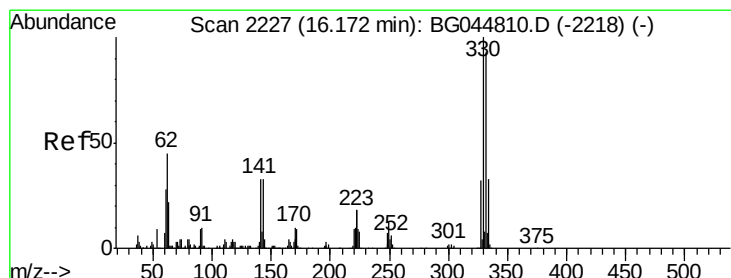
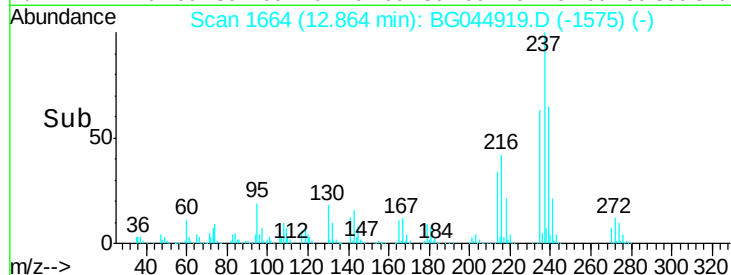
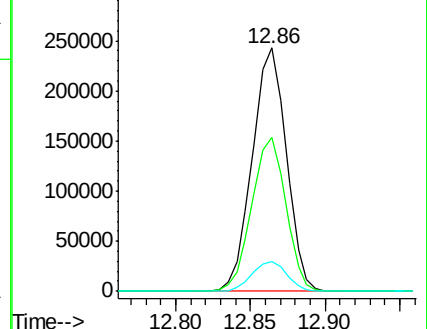
272 12.4 0.0 31.6



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: 125.50 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

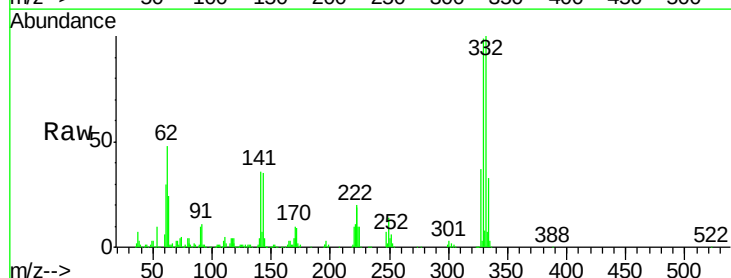
Tgt Ion: 330 Resp: 369838

Ion Ratio Lower Upper

330 100

332 98.2 77.8 116.6

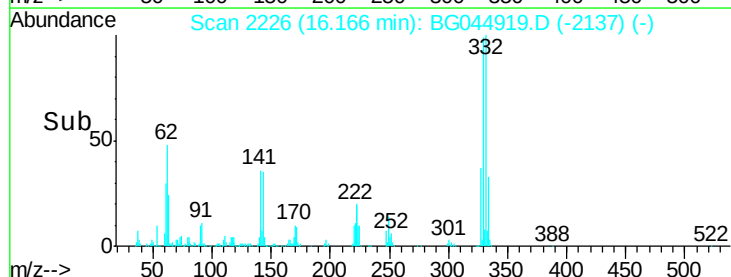
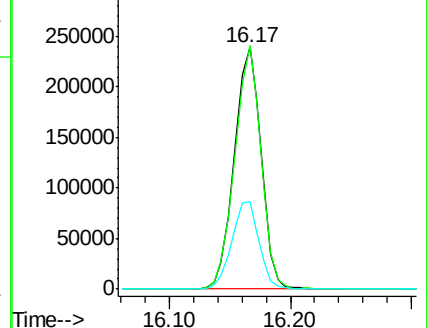
141 37.0 29.5 44.3

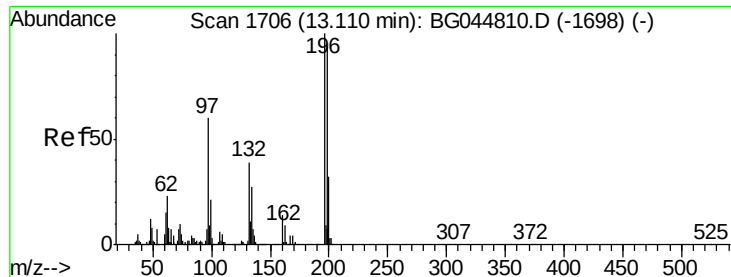


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

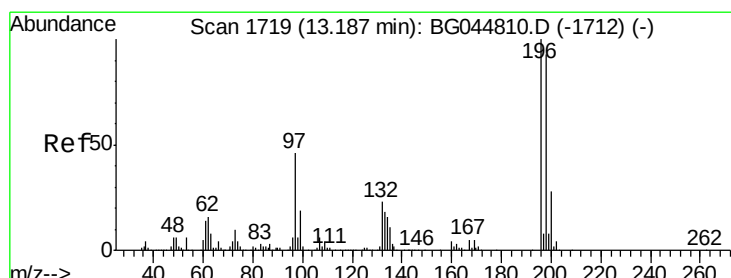
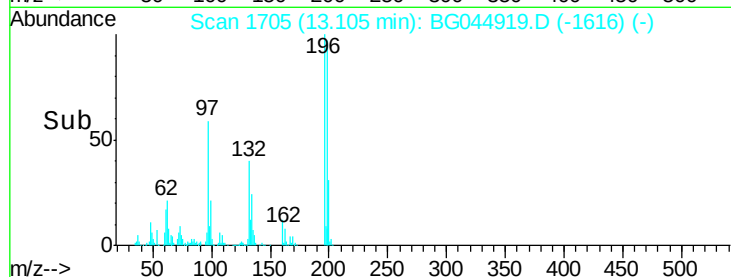
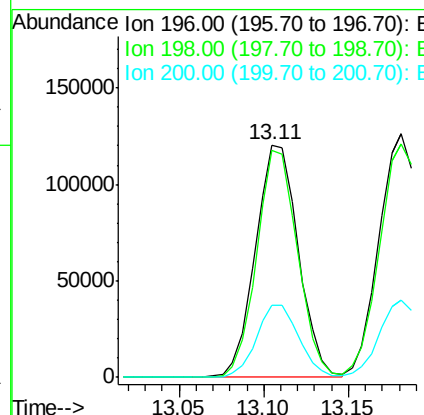
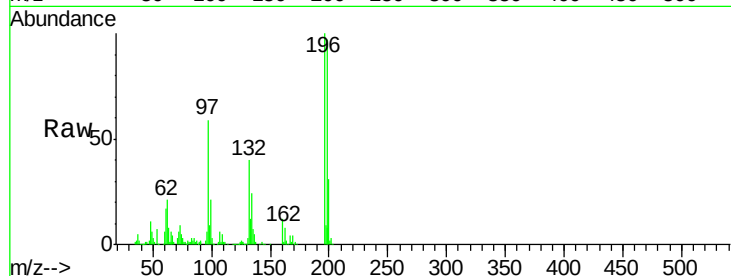




#43
2,4,6-Trichlorophenol
Concen: 43.06 ng
RT: 13.11 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

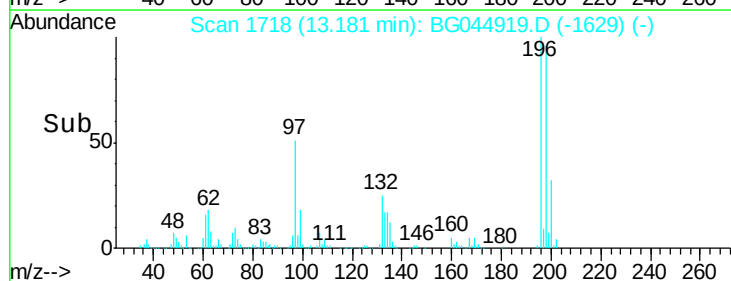
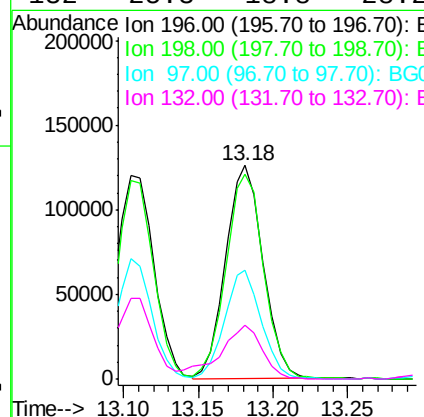
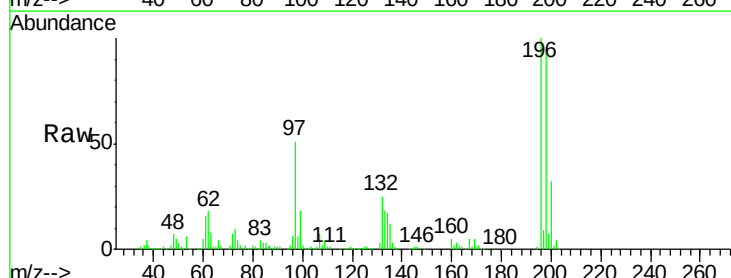
Instrument :
BNA_G
ClientSampleId :
PB127702BSD

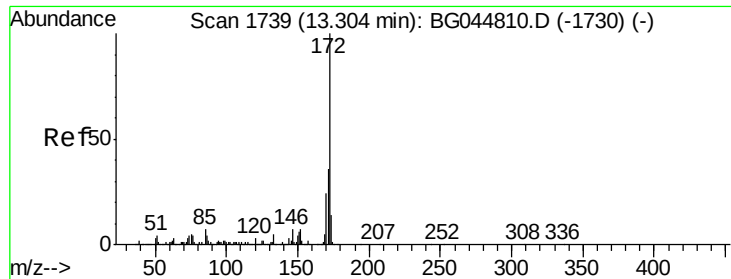
Tgt Ion:196 Resp: 211816
Ion Ratio Lower Upper
196 100
198 97.4 74.9 112.3
200 31.0 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 43.35 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion:196 Resp: 221128
Ion Ratio Lower Upper
196 100
198 95.9 74.2 111.4
97 50.7 36.7 55.1
132 25.3 18.8 28.2

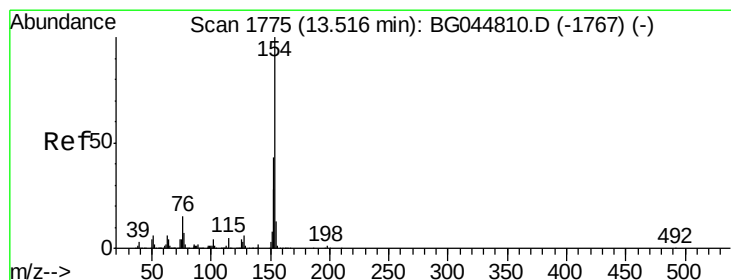
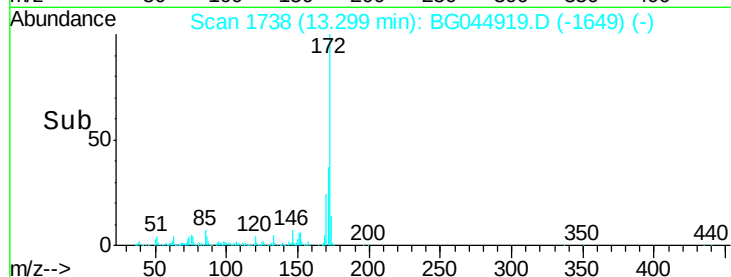
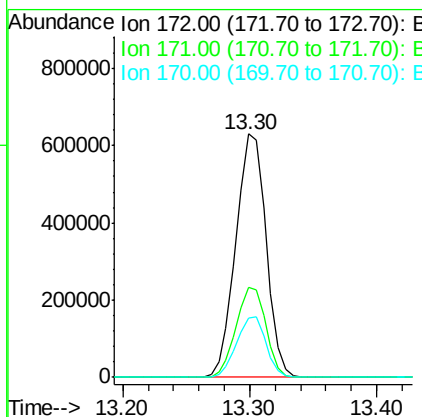
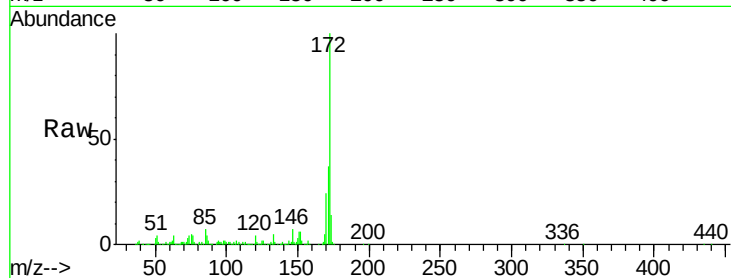




#45
2-Fluorobiphenyl
Concen: 66.27 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

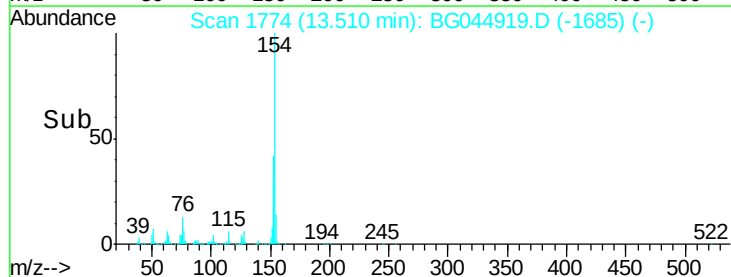
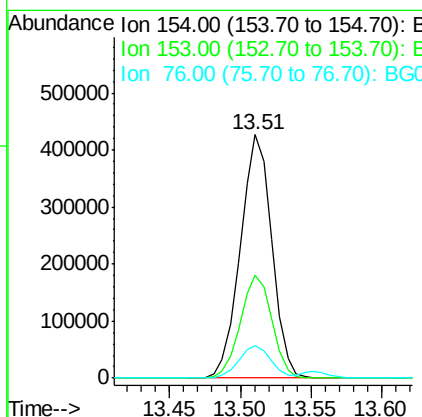
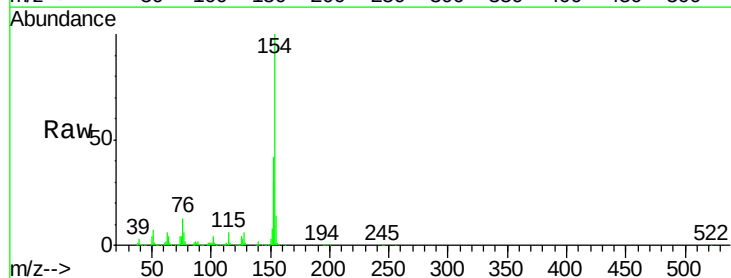
Instrument :
BNA_G
ClientSampleId :
PB127702BSD

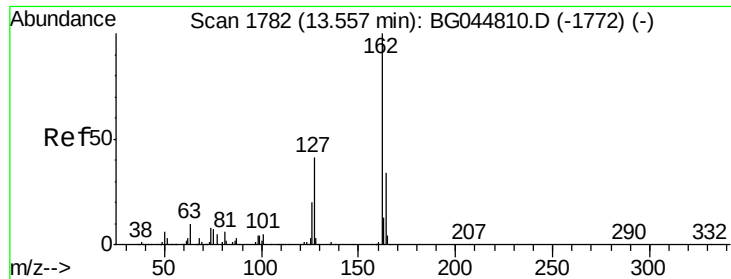
Tgt Ion:172 Resp: 1041576
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 24.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 36.90 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion:154 Resp: 663647
Ion Ratio Lower Upper
154 100
153 42.4 22.9 62.9
76 13.1 0.0 34.6

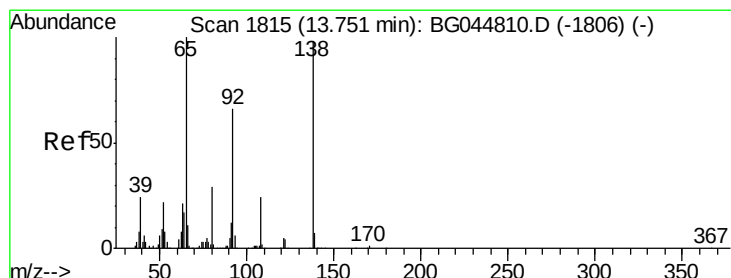
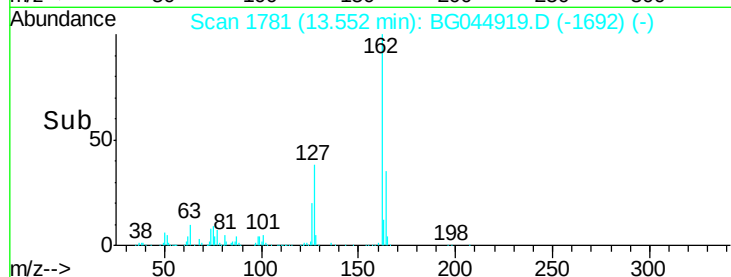
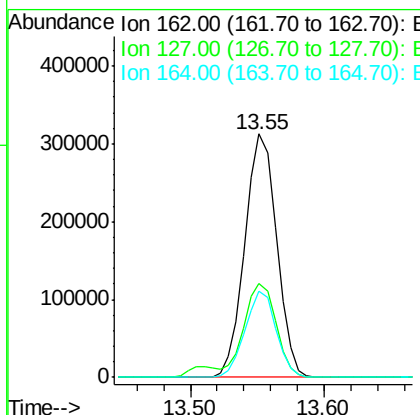
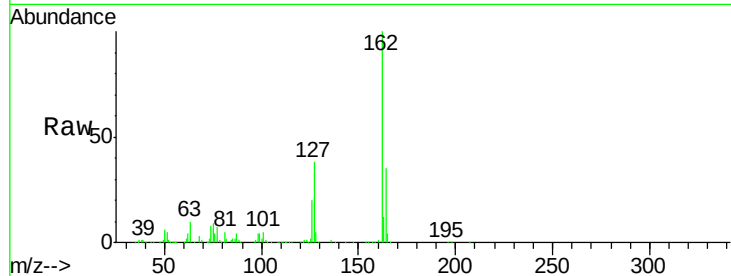




#47
 2-Chloronaphthalene
 Concen: 37.44 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

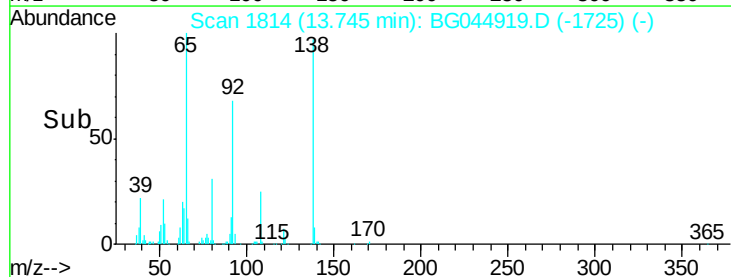
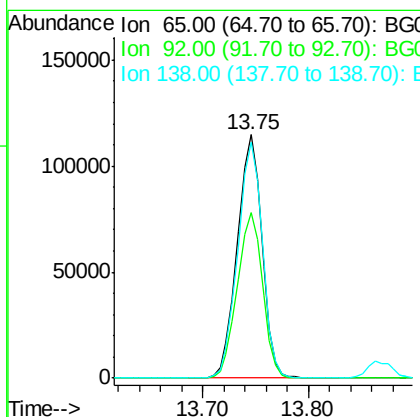
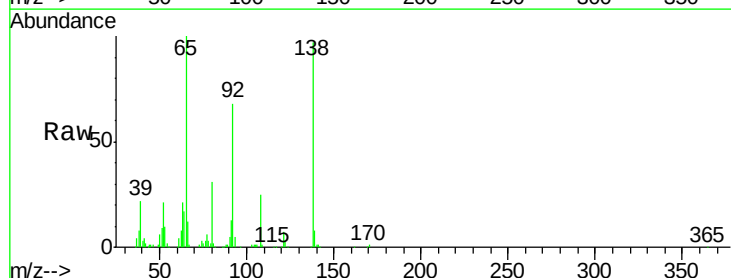
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

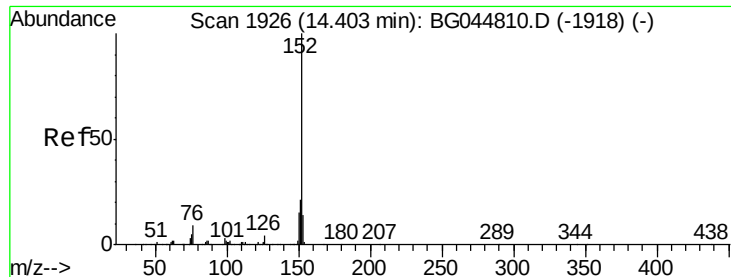
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	33.1	49.7
164	35.2	27.4	41.2



#48
 2-Nitroaniline
 Concen: 38.55 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.6	79.0
138	96.9	78.3	117.5





#49

Acenaphthylene

Concen: 39.91 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

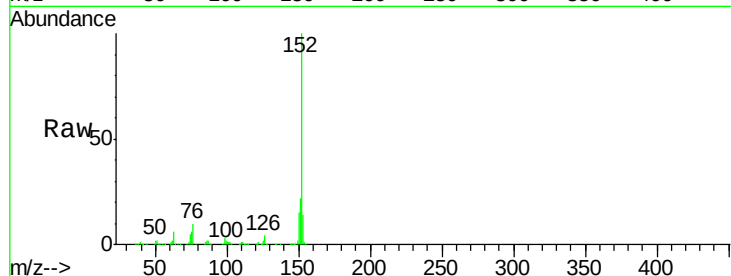
Tgt Ion:152 Resp: 859039

Ion Ratio Lower Upper

152 100

151 22.1 16.8 25.2

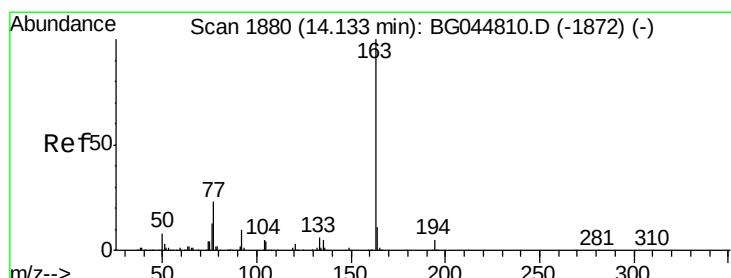
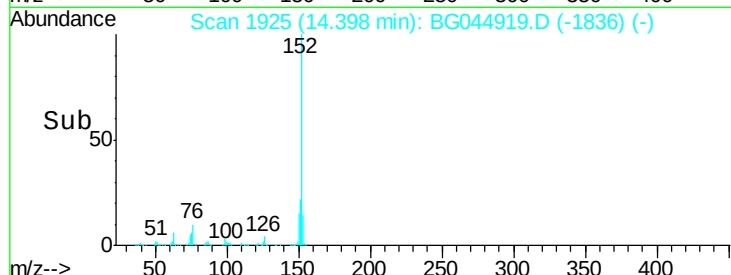
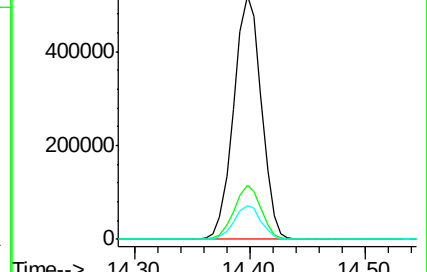
153 13.8 10.8 16.2



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: 38.48 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

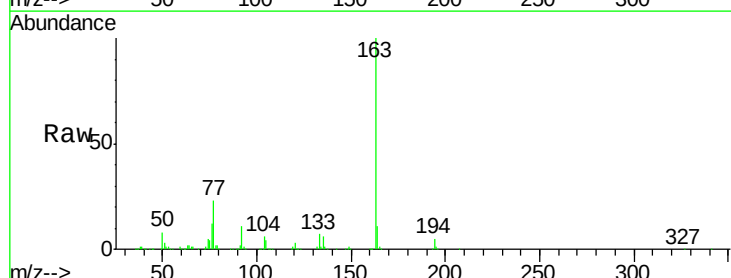
Tgt Ion:163 Resp: 689689

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

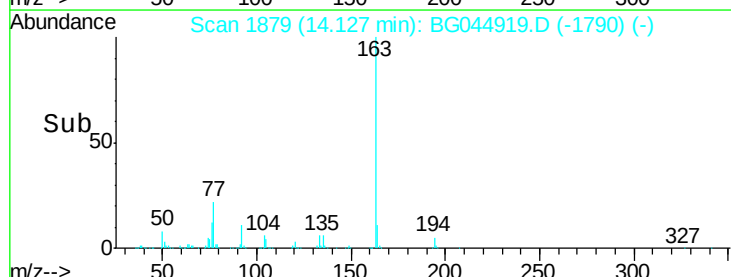
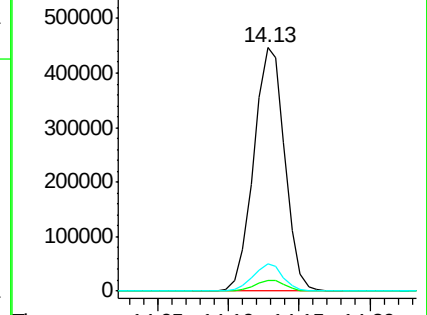
164 11.1 9.1 13.7

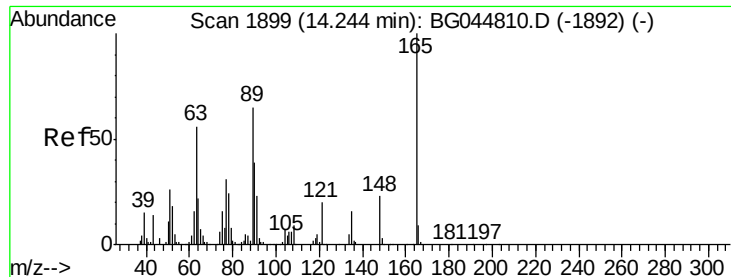


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

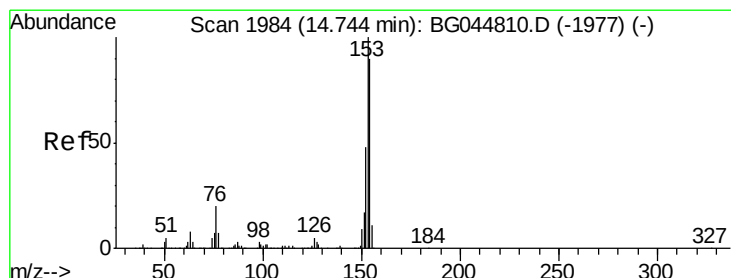
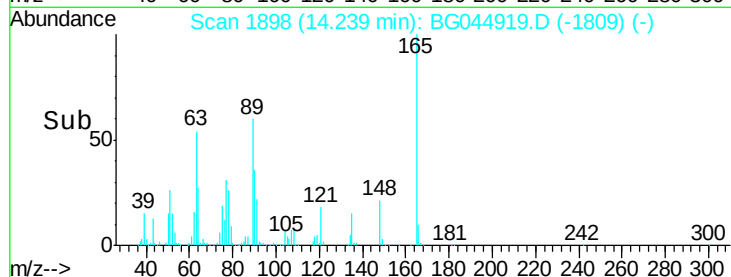
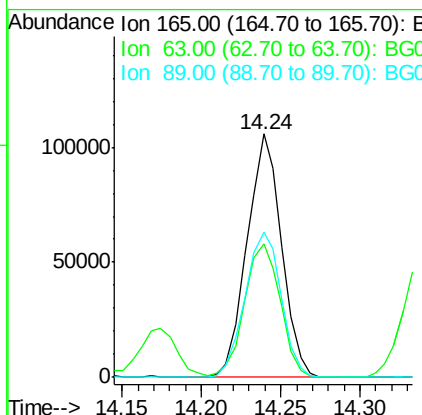
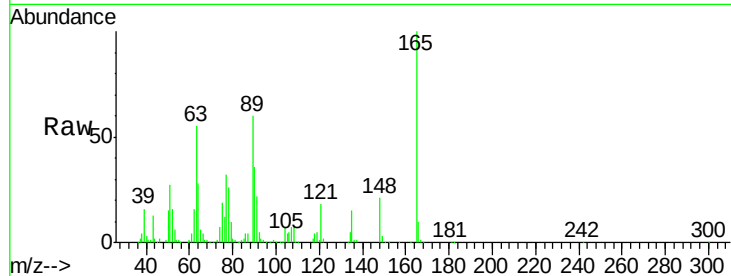




#51
 2,6-Dinitrotoluene
 Concen: 44.21 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

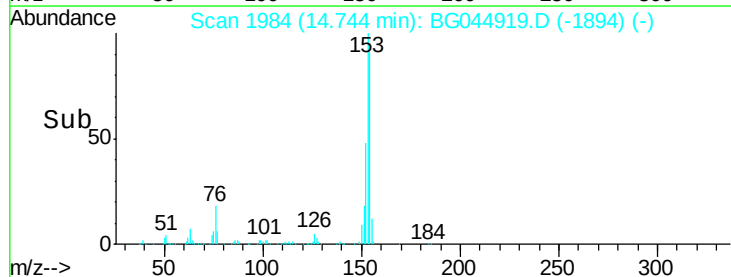
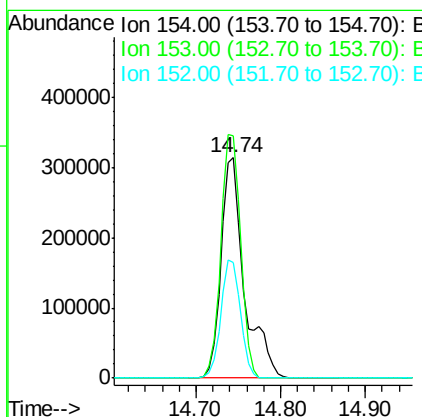
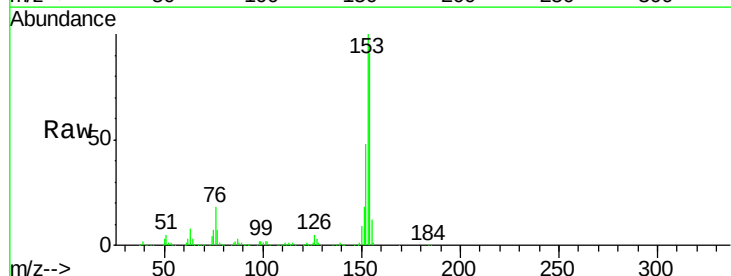
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

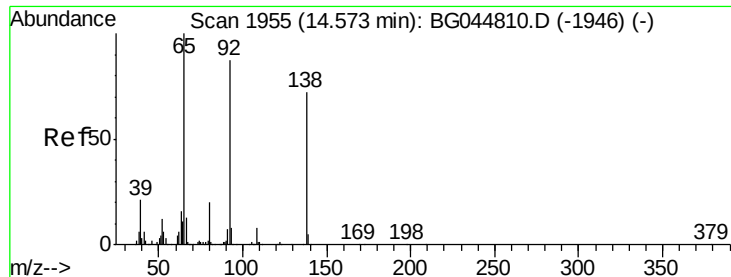
Tgt Ion:165 Resp: 159722
 Ion Ratio Lower Upper
 165 100
 63 54.8 45.8 68.8
 89 59.8 51.8 77.6



#52
 Acenaphthene
 Concen: 43.02 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion:154 Resp: 606405
 Ion Ratio Lower Upper
 154 100
 153 110.3 89.0 133.6
 152 52.6 43.0 64.6

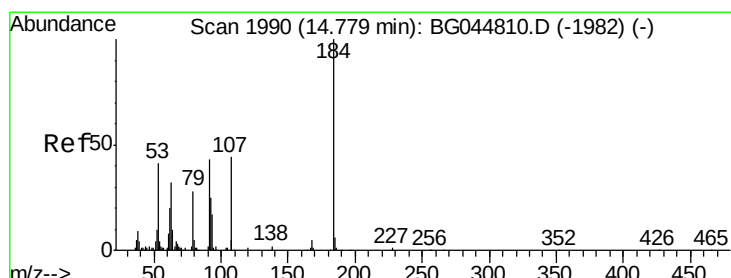
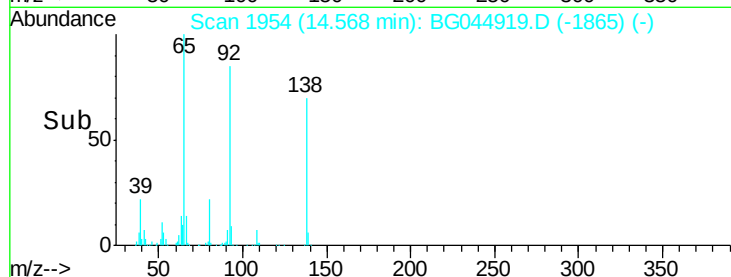
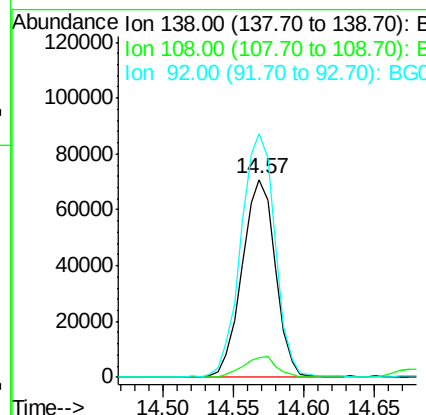
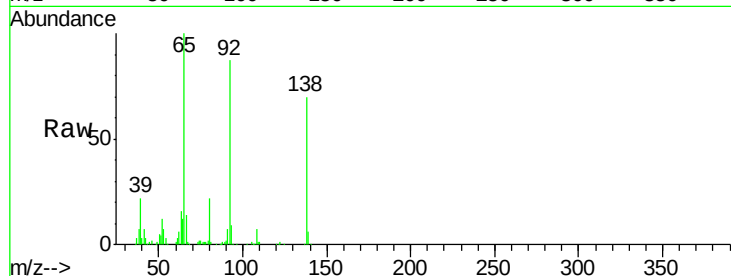




#53
3-Nitroaniline
Concen: 28.21 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

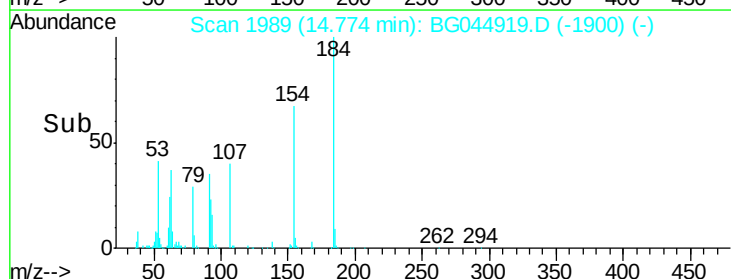
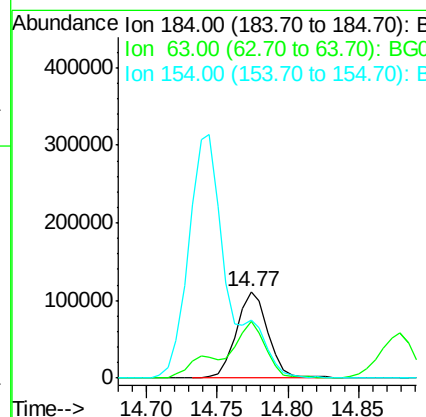
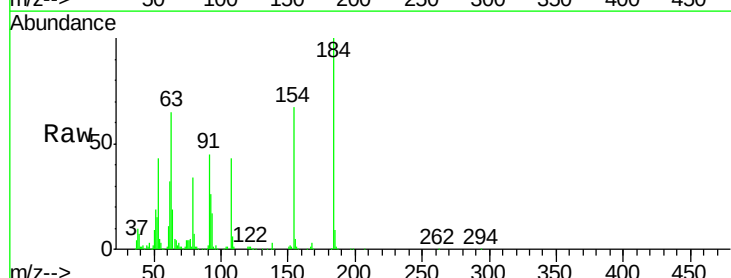
Instrument :
BNA_G
ClientSampleId :
PB127702BSD

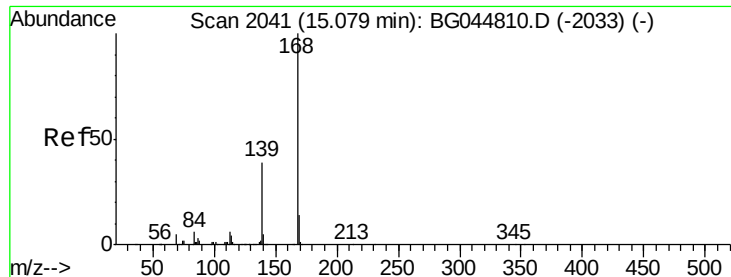
Tgt Ion:138 Resp: 117177
Ion Ratio Lower Upper
138 100
108 10.1 9.0 13.4
92 123.1 96.8 145.2



#54
2,4-Dinitrophenol
Concen: 90.91 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion:184 Resp: 174042
Ion Ratio Lower Upper
184 100
63 65.1 45.5 68.3
154 66.9 49.1 73.7





#55

Dibenzenofuran

Concen: 39.69 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

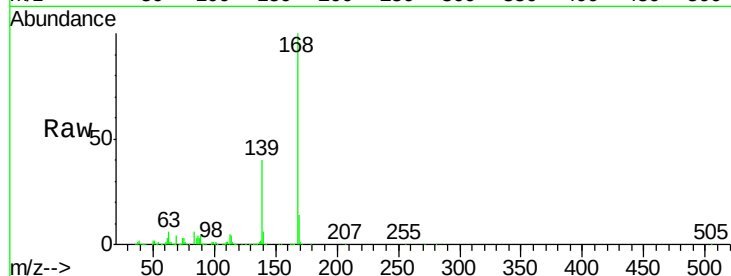
Tgt Ion:168 Resp: 811376

Ion Ratio Lower Upper

168 100

139 39.7 31.4 47.0

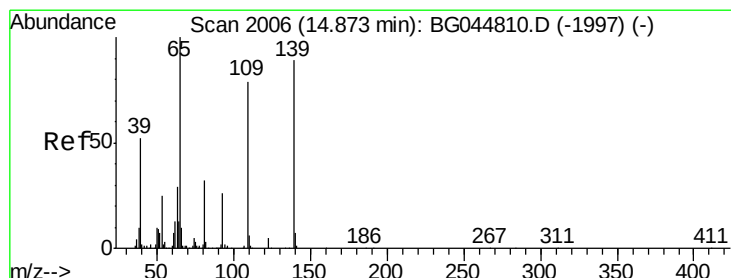
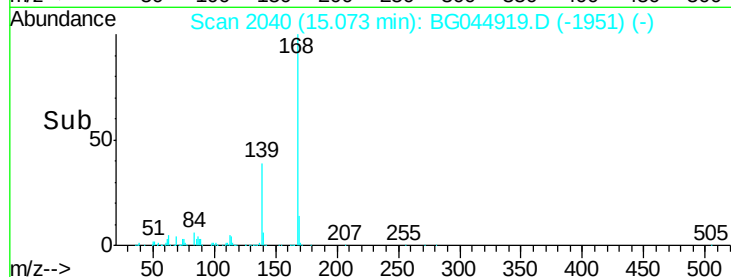
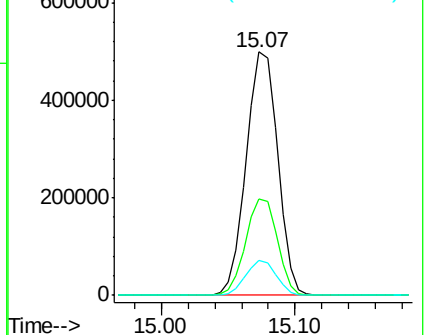
169 14.4 11.1 16.7



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: 92.70 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

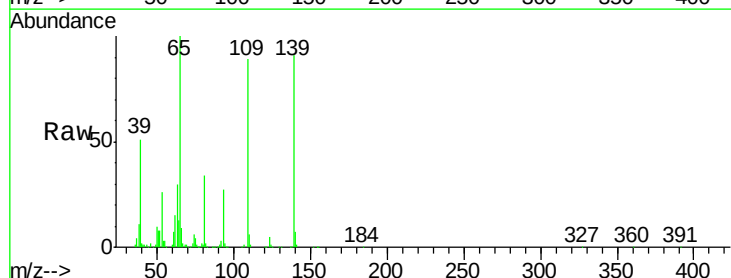
Tgt Ion:139 Resp: 293874

Ion Ratio Lower Upper

139 100

109 97.3 68.8 108.8

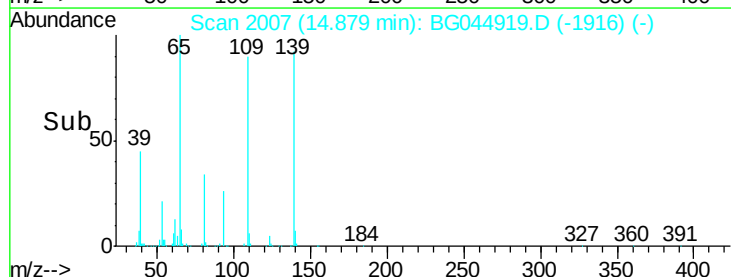
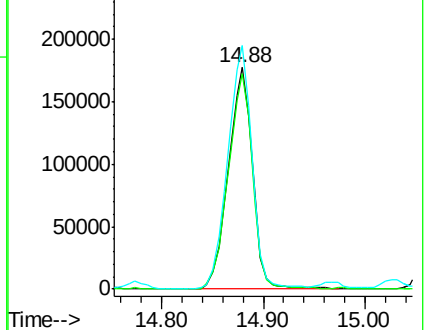
65 109.9 92.5 132.5

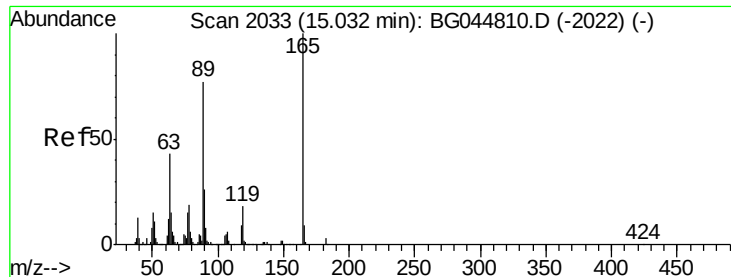


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 44.47 ng

RT: 15.03 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

Tgt Ion:165 Resp: 220368

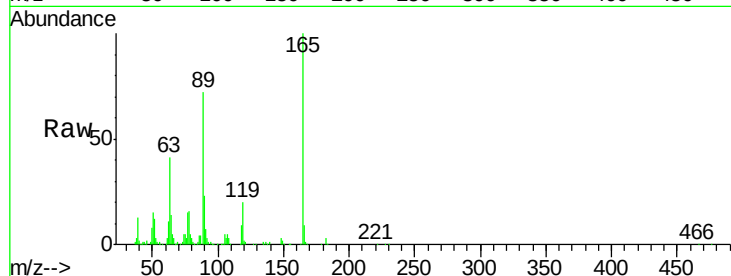
Ion Ratio Lower Upper

165 100

63 41.1 34.6 52.0

89 71.8 61.3 91.9

182 2.7 2.2 3.2

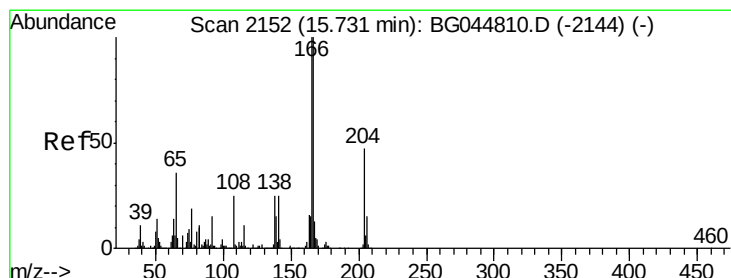
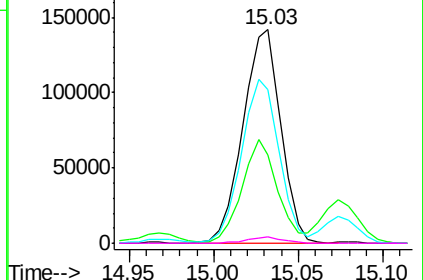
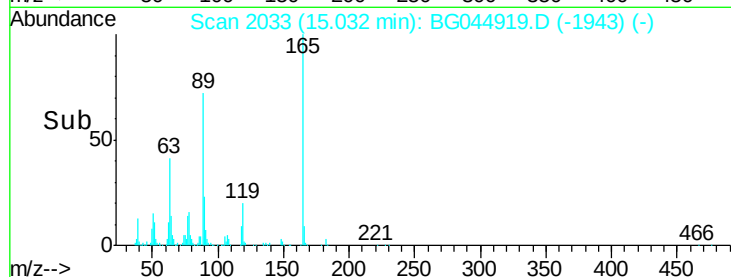


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.17 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

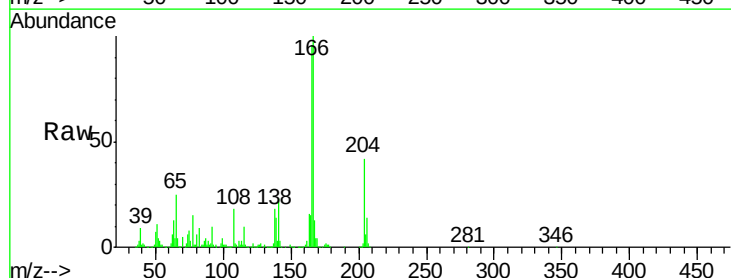
Tgt Ion:166 Resp: 675414

Ion Ratio Lower Upper

166 100

165 96.2 79.7 119.5

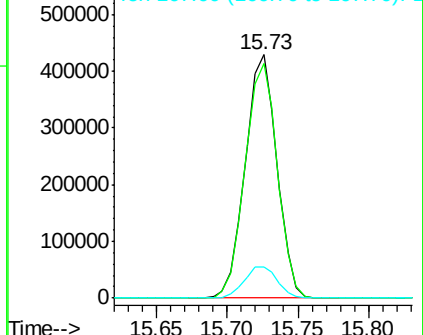
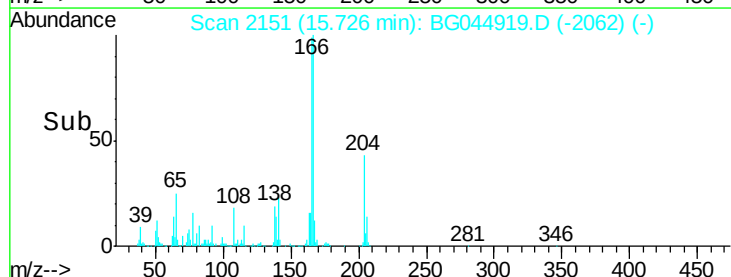
167 12.6 10.6 16.0

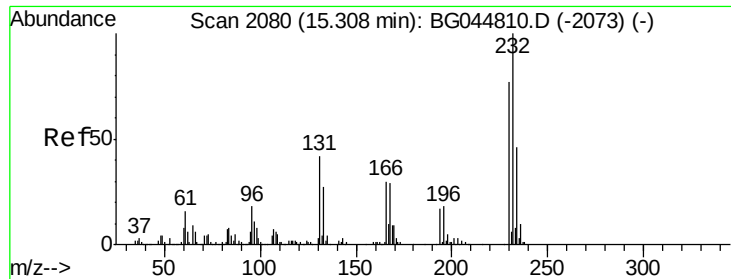


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

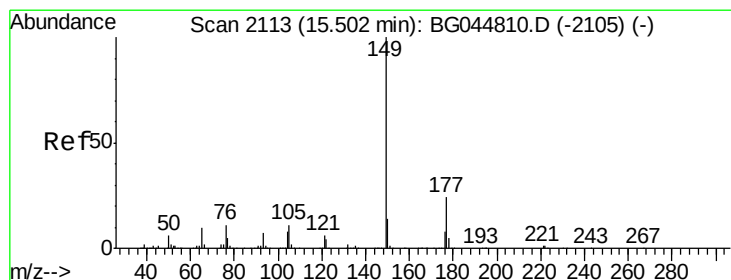
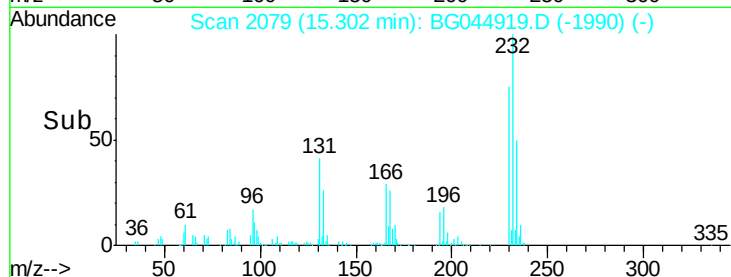
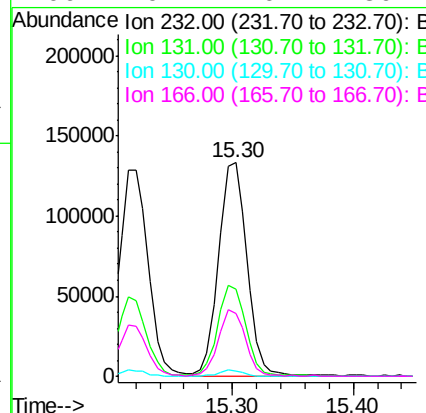
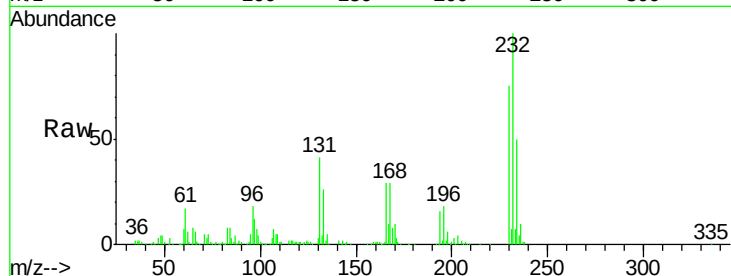




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.77 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

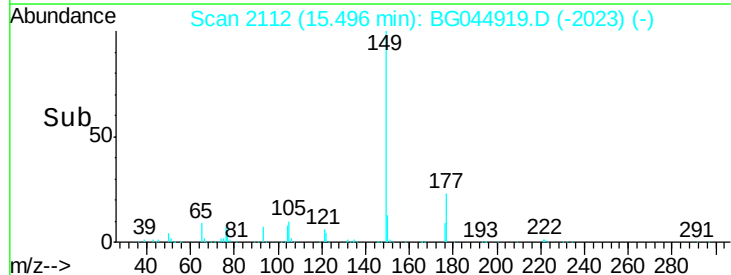
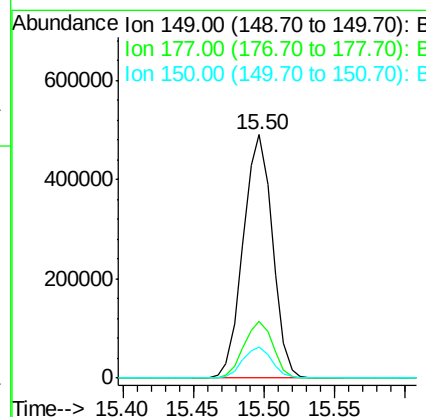
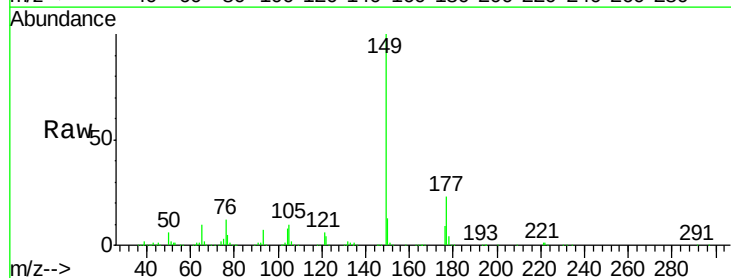
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

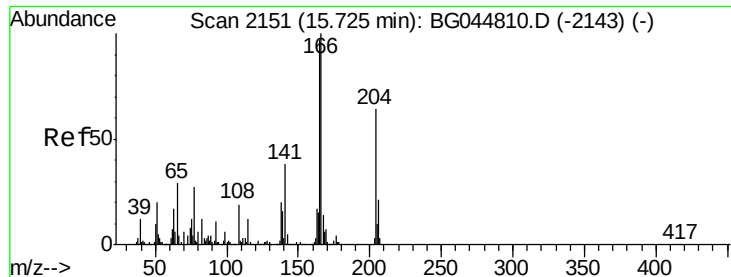
Tgt Ion:	232	Resp:	214951
Ion	Ratio	Lower	Upper
232	100		
131	42.7	31.8	47.8
130	2.5	2.2	3.2
166	29.7	20.2	30.2



#60
 Diethylphthalate
 Concen: 38.13 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion:	149	Resp:	712878
Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.3	28.9
150	13.0	11.0	16.6

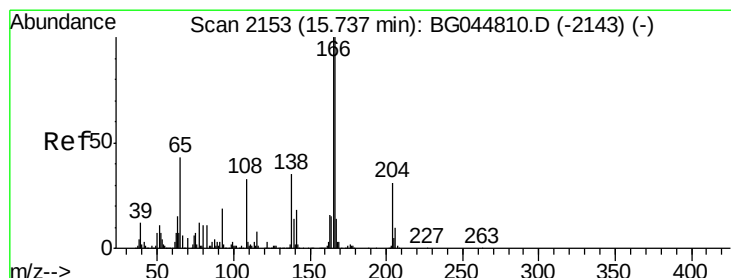
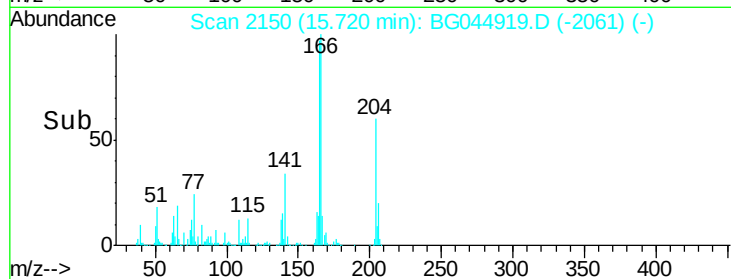
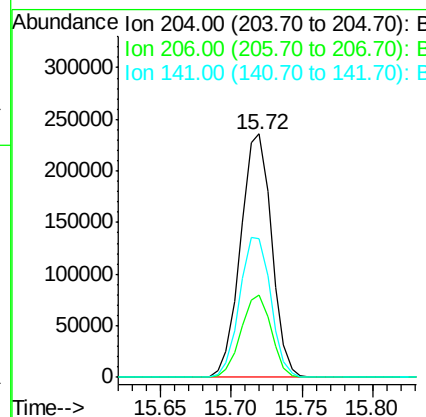
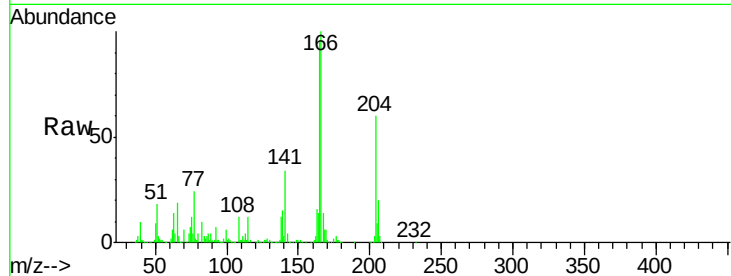




#61
 4-Chlorophenyl-phenylether
 Concen: 40.11 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

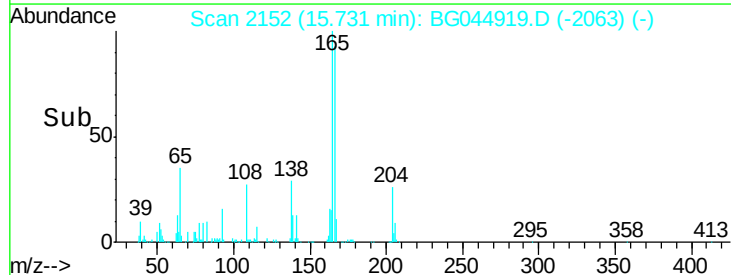
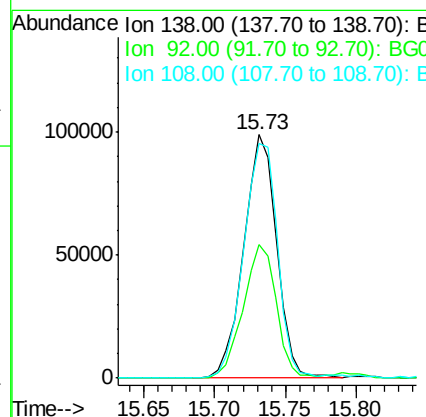
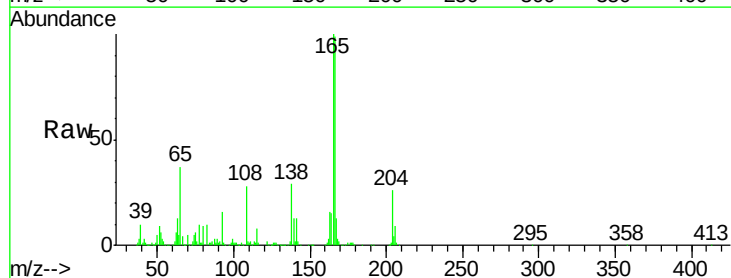
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

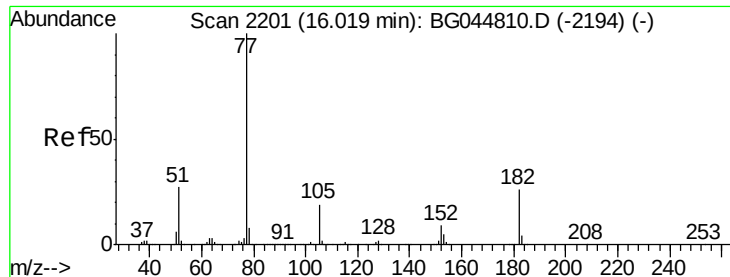
Tgt Ion:204 Resp: 363177
 Ion Ratio Lower Upper
 204 100
 206 33.9 26.2 39.2
 141 57.2 47.7 71.5



#62
 4-Nitroaniline
 Concen: 36.49 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion:138 Resp: 161632
 Ion Ratio Lower Upper
 138 100
 92 54.7 34.5 74.5
 108 96.5 74.5 114.5





#63

Azobenzene

Concen: 36.14 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

Tgt Ion: 77 Resp: 701722

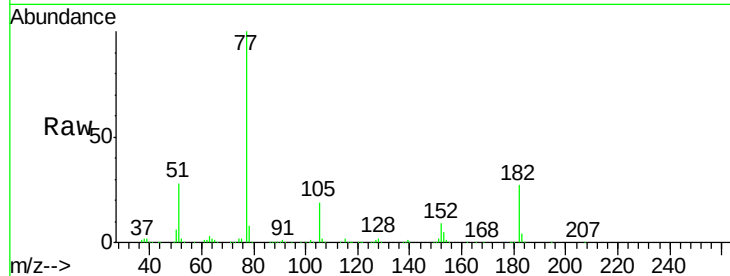
Ion Ratio Lower Upper

77 100

182 26.6 6.4 46.4

105 19.4 0.0 39.1

51 27.7 7.3 47.3

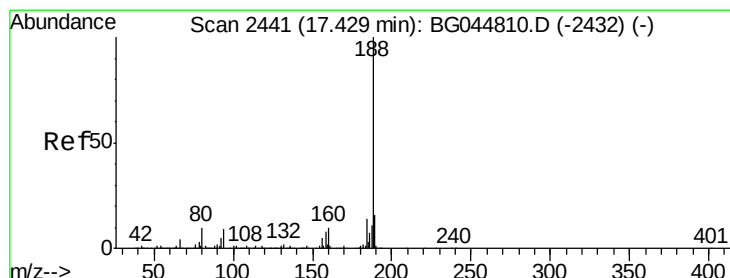
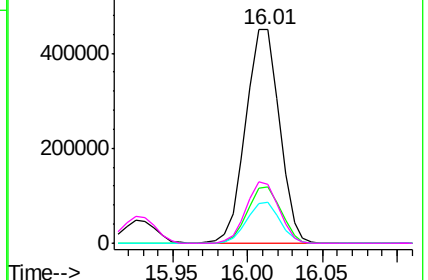
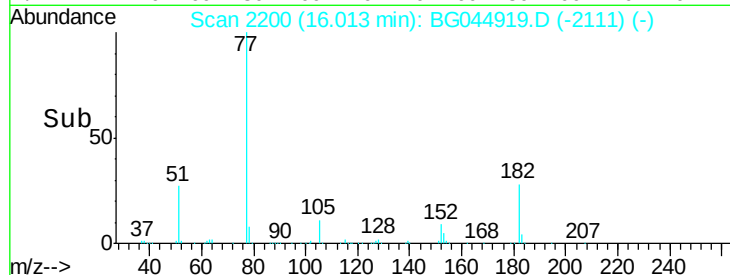


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

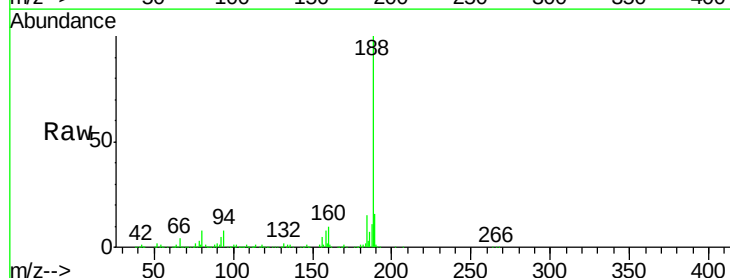
Tgt Ion: 188 Resp: 524078

Ion Ratio Lower Upper

188 100

94 8.0 7.3 10.9

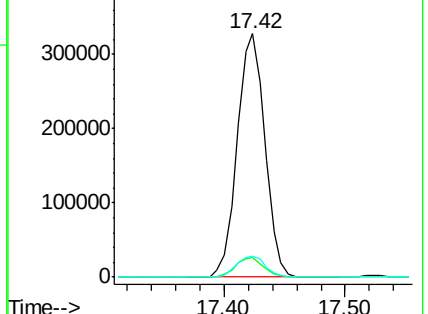
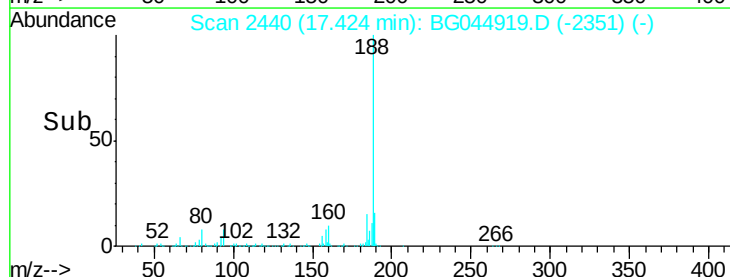
80 8.5 8.0 12.0

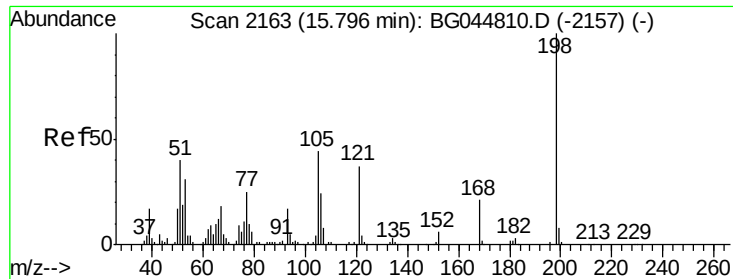


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.86 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

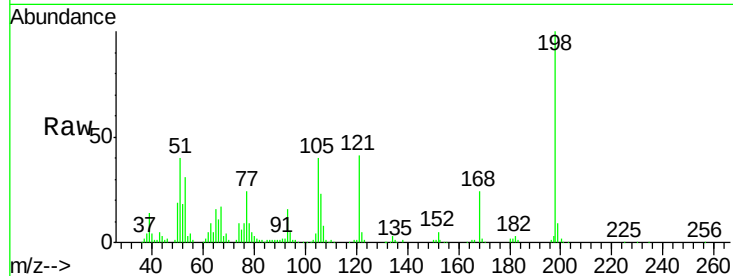
Tgt Ion:198 Resp: 123832

Ion Ratio Lower Upper

198 100

51 40.5 21.1 61.1

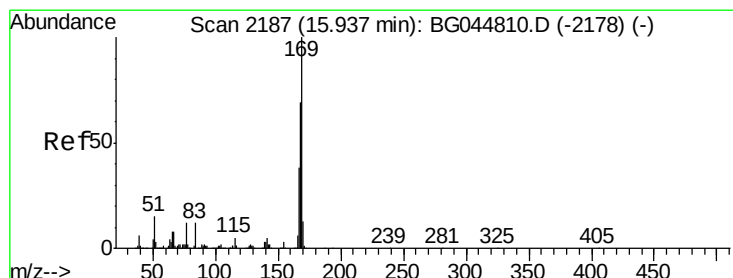
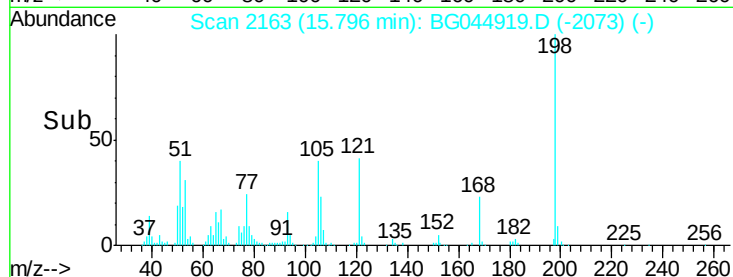
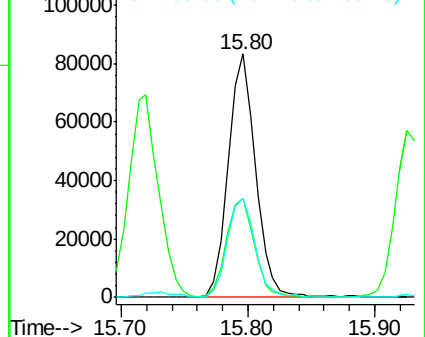
105 40.4 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.10 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

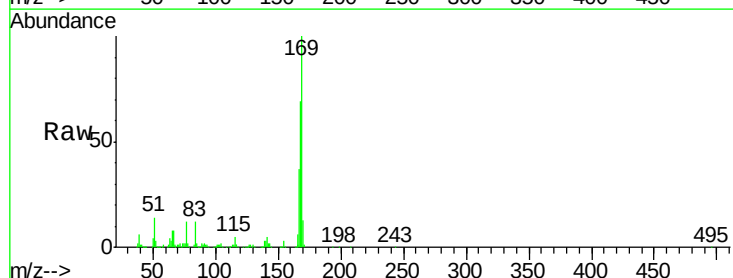
Tgt Ion:169 Resp: 601123

Ion Ratio Lower Upper

169 100

168 69.1 55.4 83.2

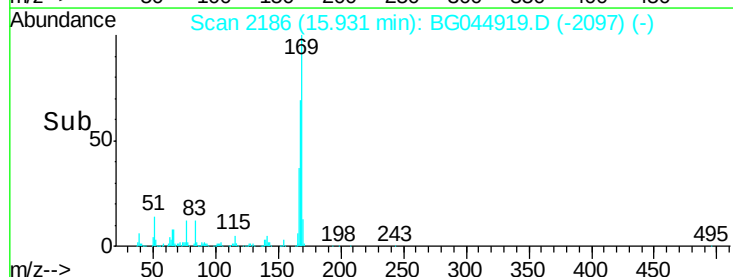
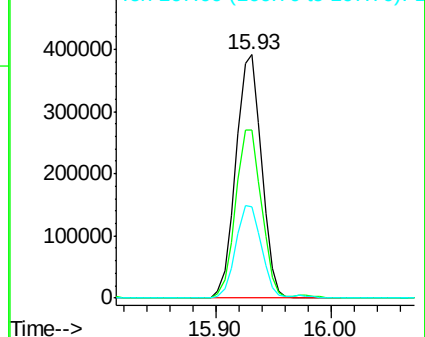
167 37.4 30.1 45.1

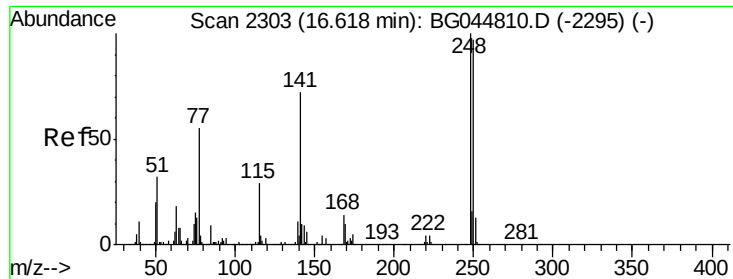


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

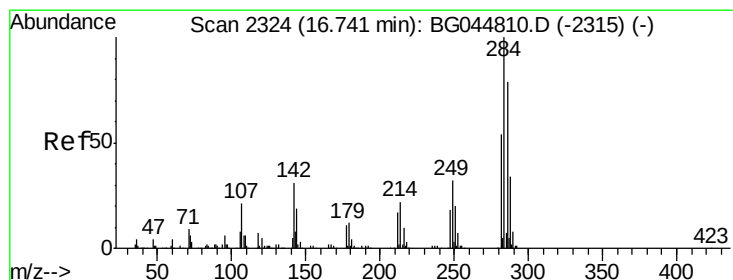
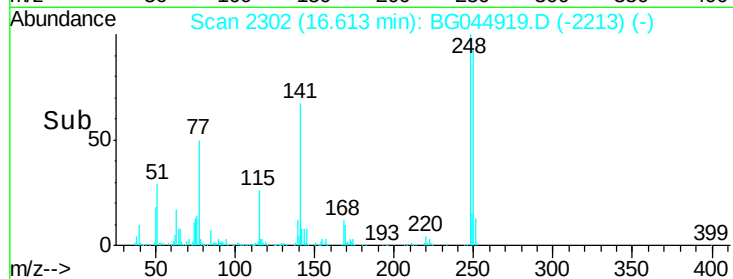
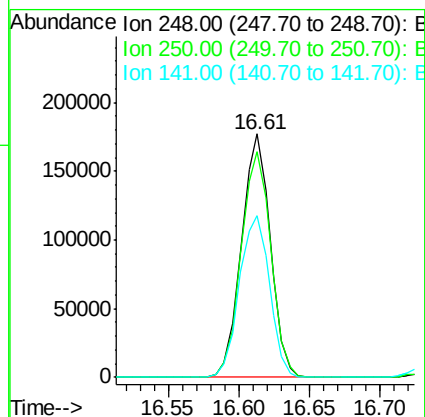
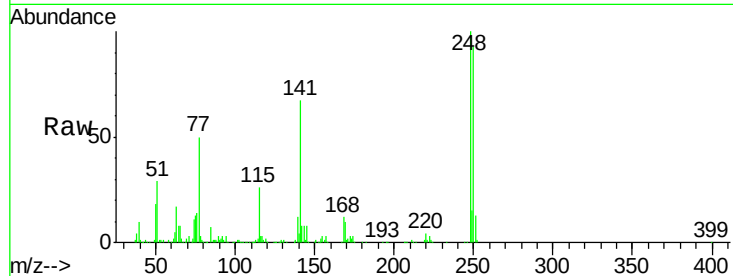




#67
4-Bromophenyl-phenylether
Concen: 38.46 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

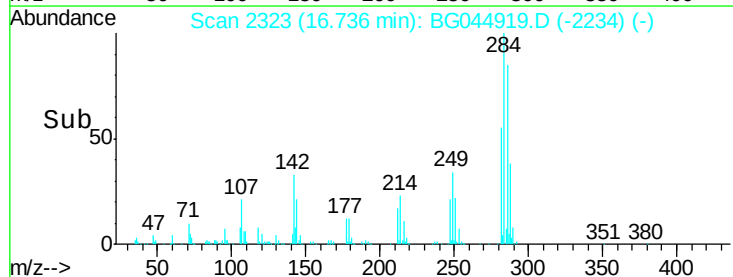
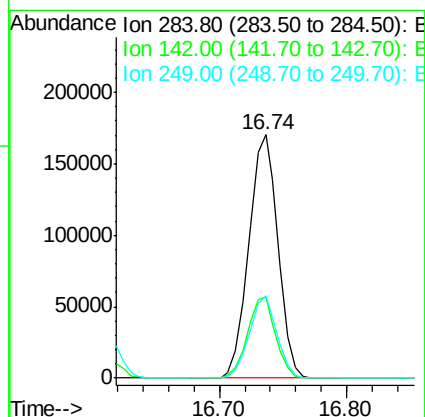
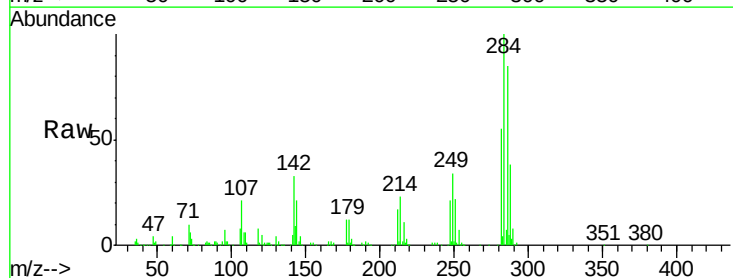
Instrument :
BNA_G
ClientSampleId :
PB127702BSD

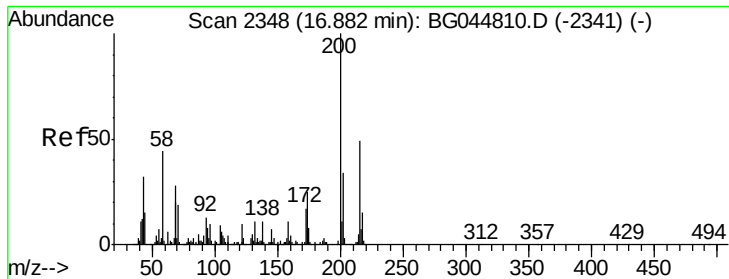
Tgt Ion:248 Resp: 251960
Ion Ratio Lower Upper
248 100
250 92.9 77.9 116.9
141 66.6 57.5 86.3



#68
Hexachlorobenzene
Concen: 38.08 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion:284 Resp: 270638
Ion Ratio Lower Upper
284 100
142 33.2 25.0 37.6
249 33.8 25.8 38.8

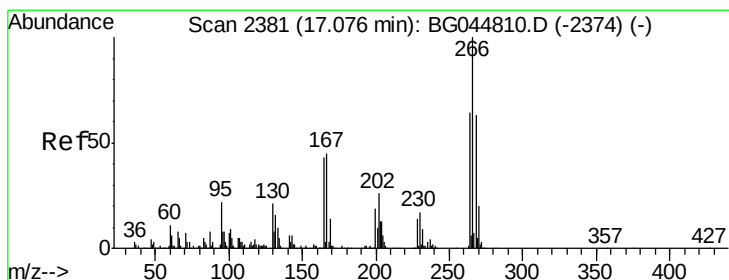
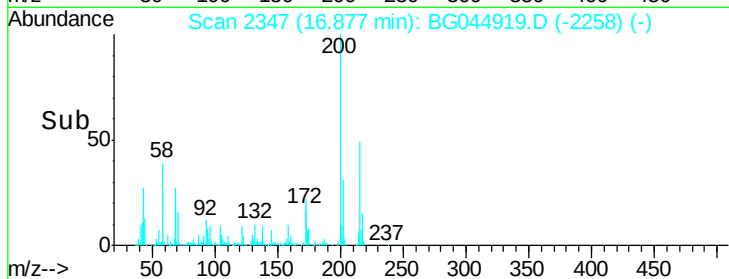
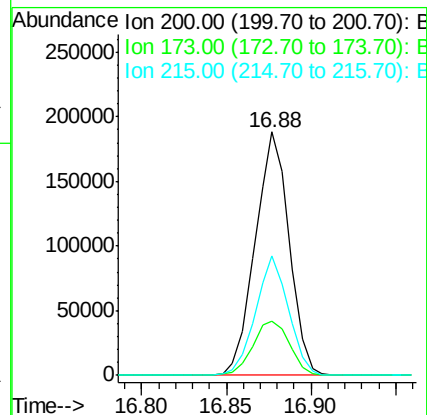
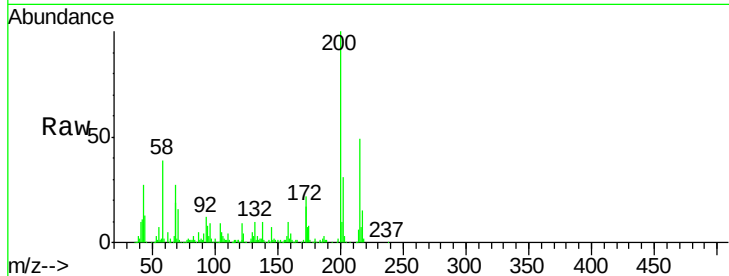




#69
Atrazine
Concen: 45.26 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

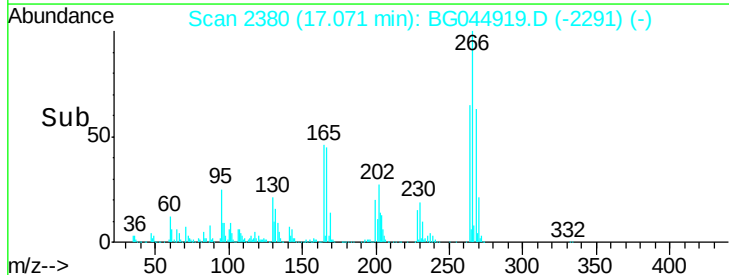
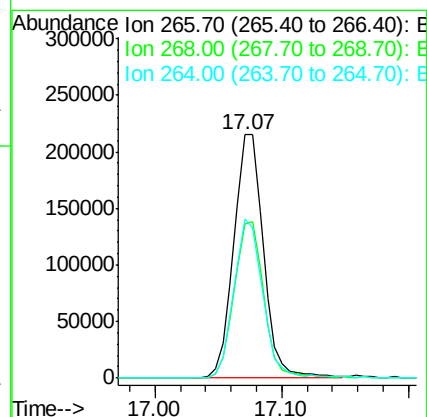
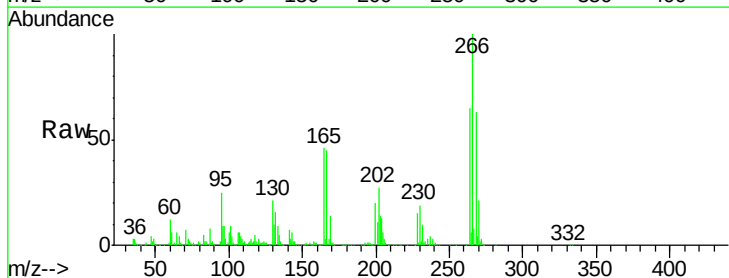
Instrument :
BNA_G
ClientSampleId :
PB127702BSD

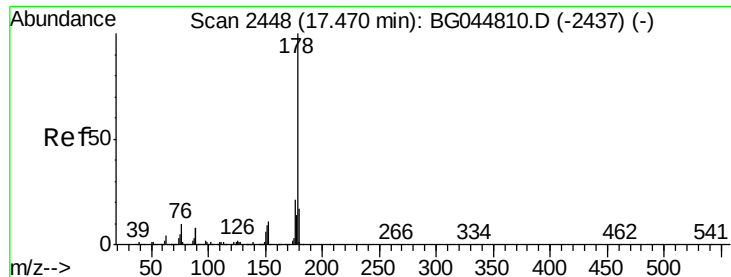
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.4	5.3	45.3
215	48.9	28.9	68.9



#70
Pentachlorophenol
Concen: 89.12 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.3	75.5
264	65.3	51.4	77.2





#71

Phenanthrene

Concen: 39.14 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

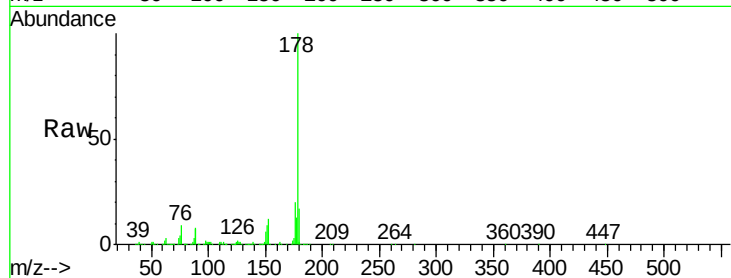
Tgt Ion:178 Resp: 1096167

Ion Ratio Lower Upper

178 100

176 20.2 16.6 24.8

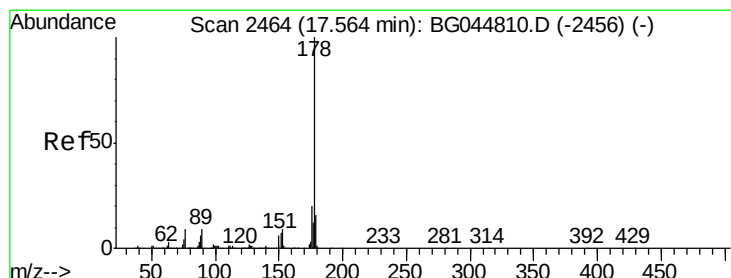
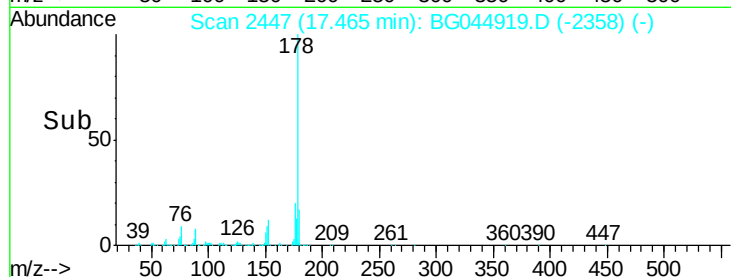
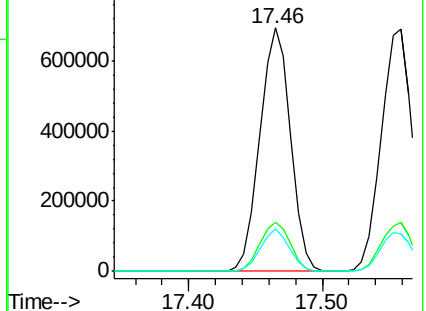
179 17.4 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.21 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

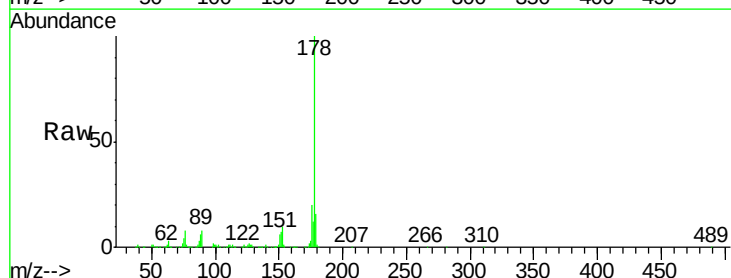
Tgt Ion:178 Resp: 1110303

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

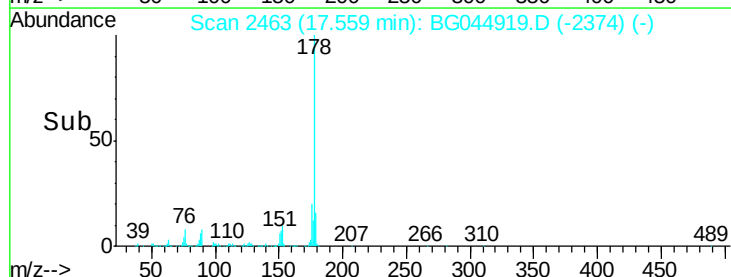
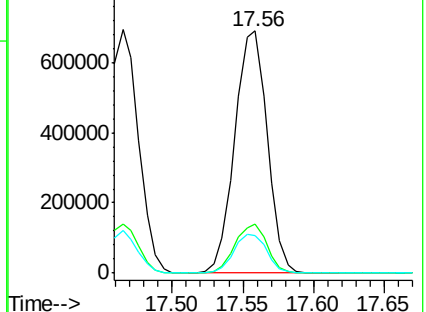
179 15.6 13.2 19.8

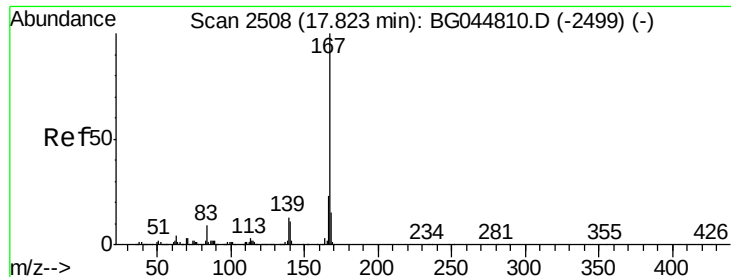


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

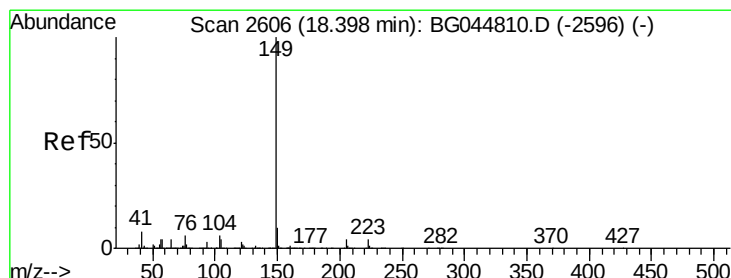
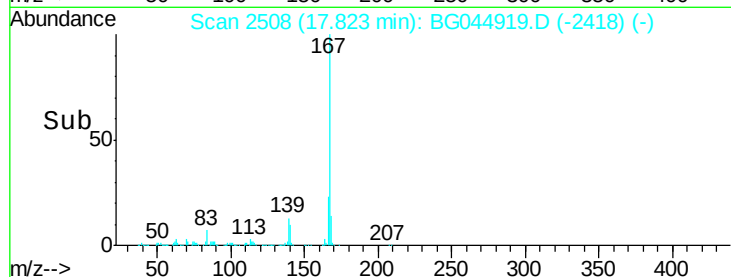
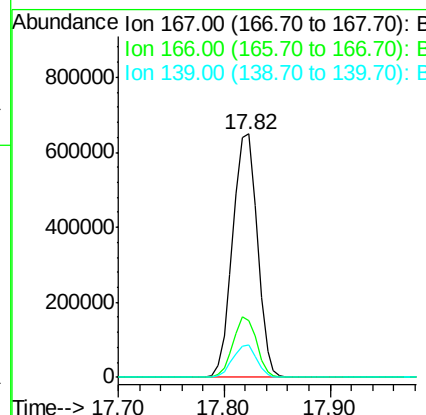
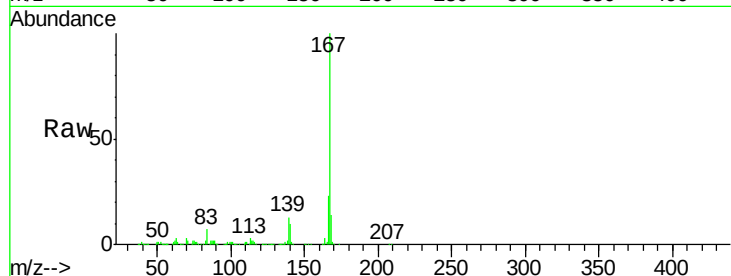




#73
 Carbazole
 Concen: 39.51 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

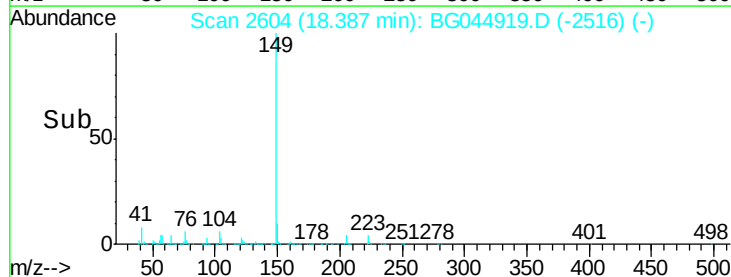
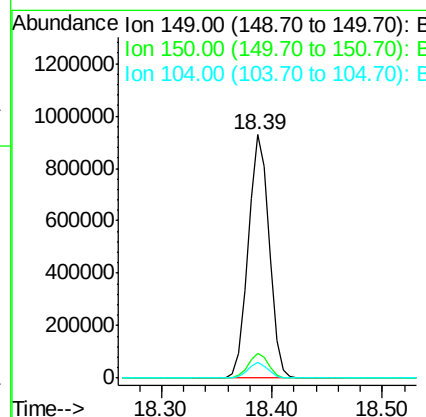
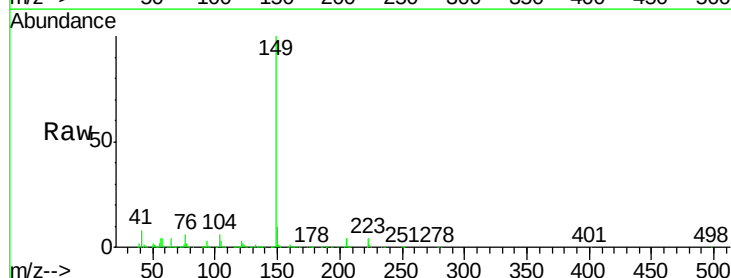
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

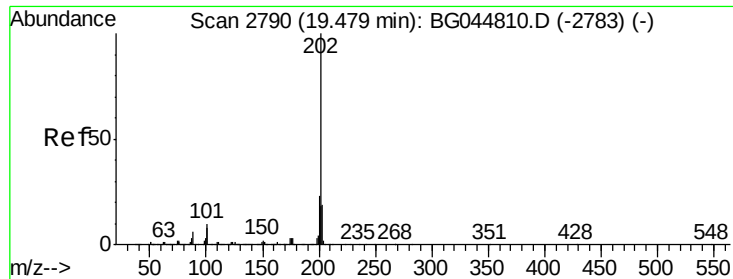
Tgt Ion:167 Resp: 1047967
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.8 28.2
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 38.33 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion:149 Resp: 1235912
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 6.3 5.0 7.4





#75

Fluoranthene

Concen: 41.38 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

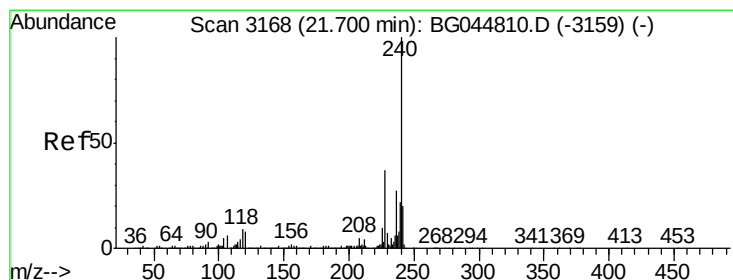
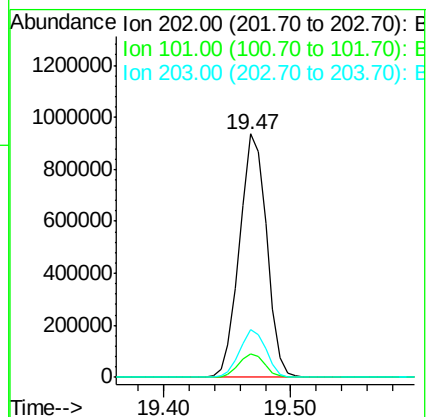
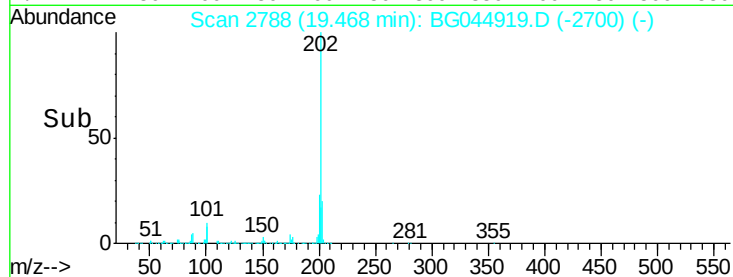
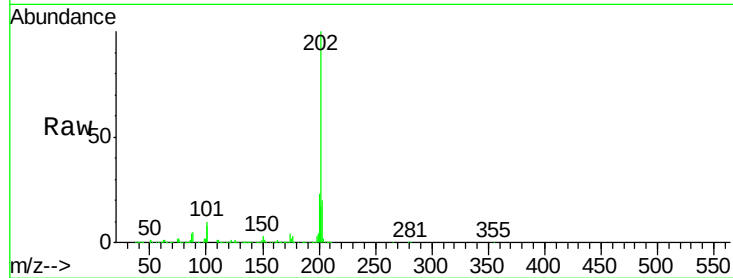
Tgt Ion:202 Resp: 1379804

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.8

203 19.6 0.0 39.4



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

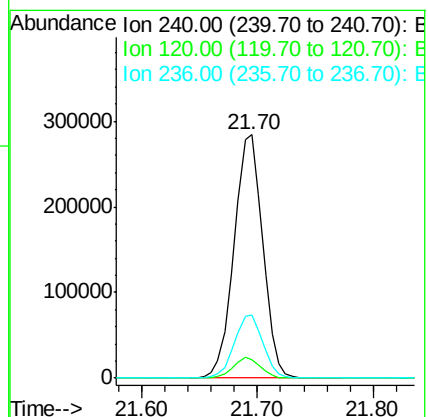
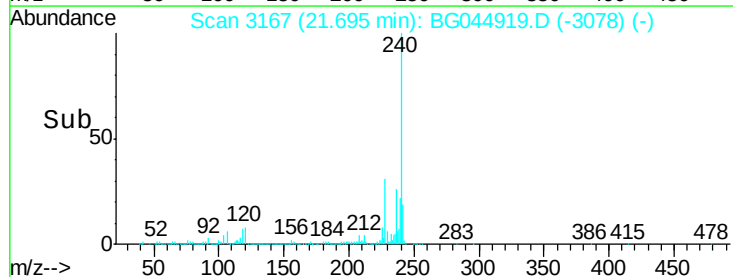
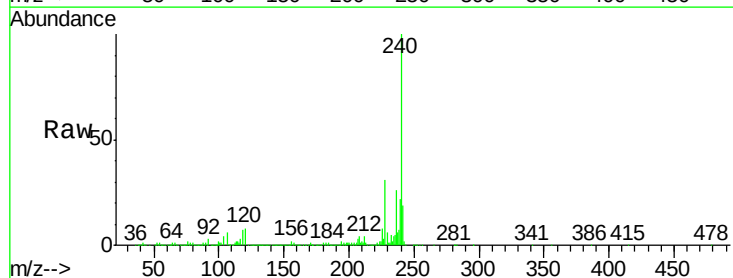
Tgt Ion:240 Resp: 487481

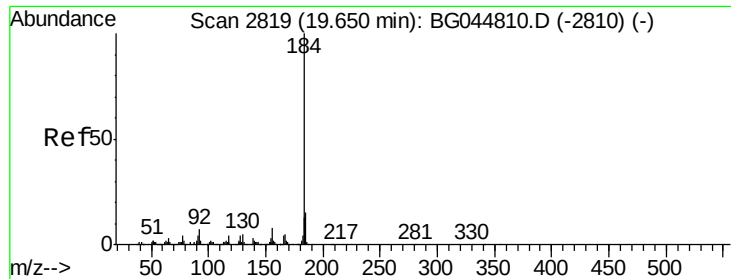
Ion Ratio Lower Upper

240 100

120 7.5 6.7 10.1

236 25.8 21.5 32.3





#77

Benzidine

Concen: 33.91 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

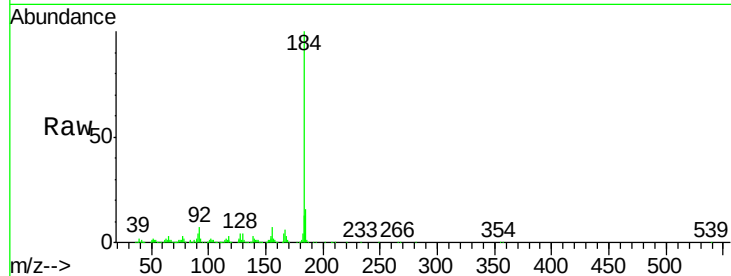
Tgt Ion:184 Resp: 536667

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.4

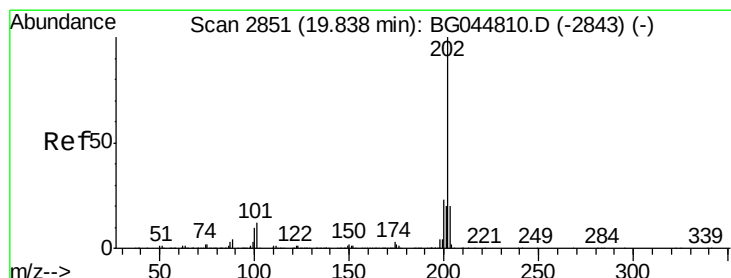
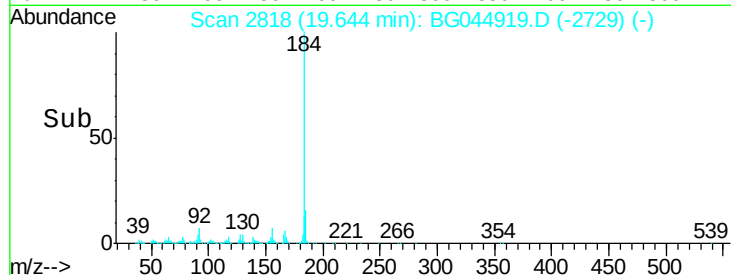
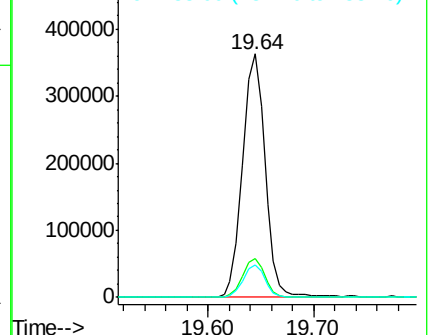
183 13.3 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.36 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

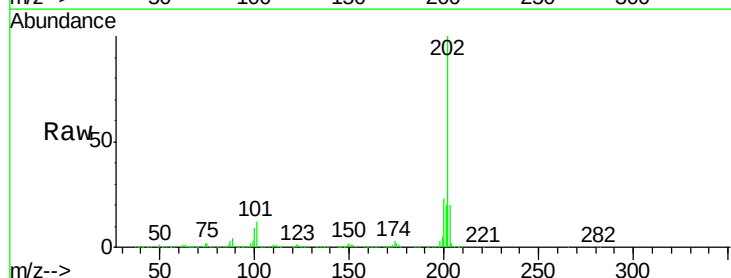
Tgt Ion:202 Resp: 1372023

Ion Ratio Lower Upper

202 100

200 23.5 18.3 27.5

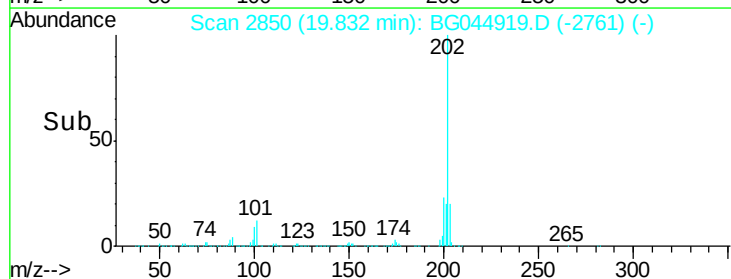
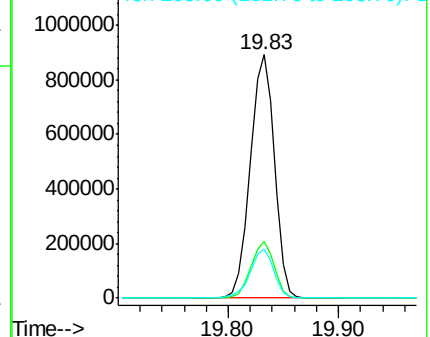
203 20.1 15.6 23.4

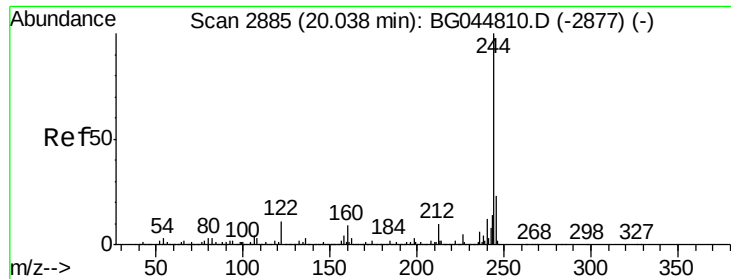


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.50 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

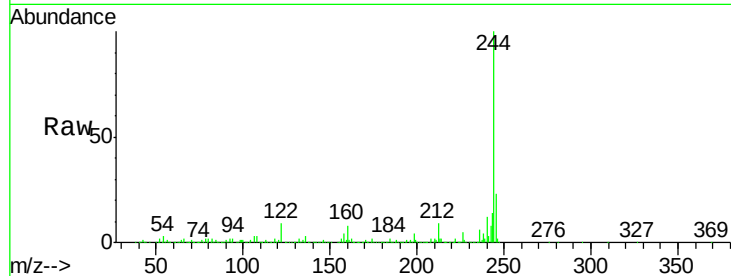
Tgt Ion:244 Resp: 1706996

Ion Ratio Lower Upper

244 100

212 9.2 7.7 11.5

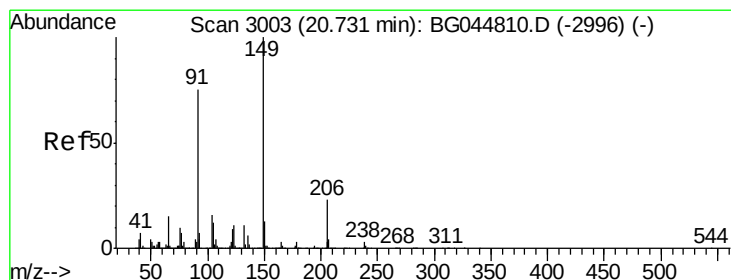
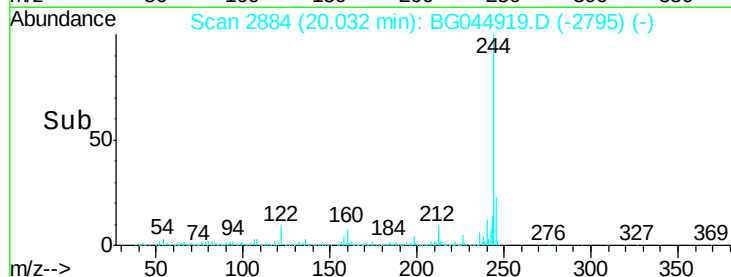
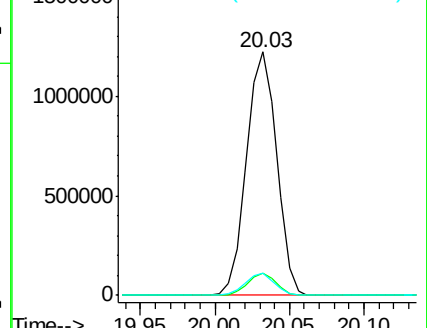
122 9.0 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.60 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

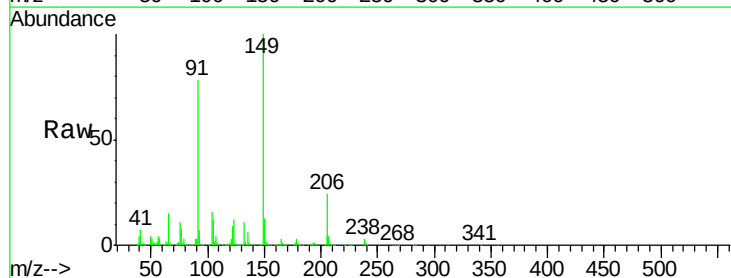
Tgt Ion:149 Resp: 582365

Ion Ratio Lower Upper

149 100

91 78.0 60.2 90.4

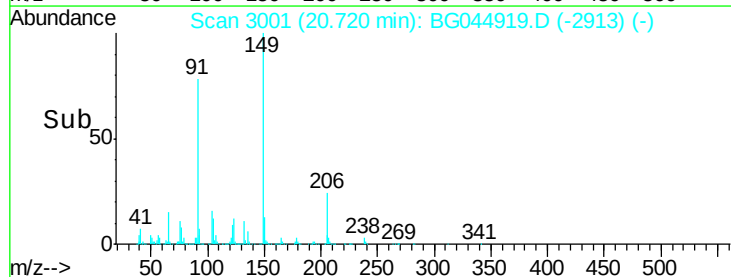
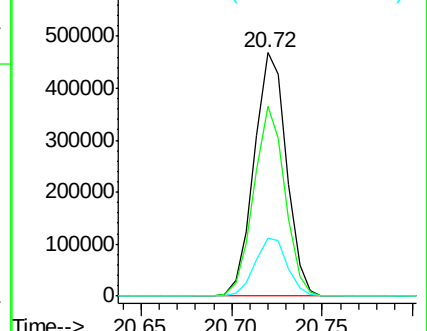
206 24.0 18.6 27.8

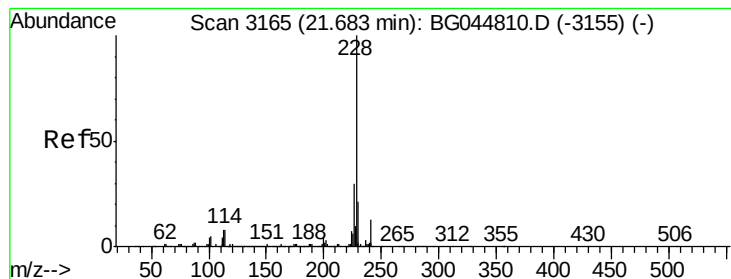


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.44 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

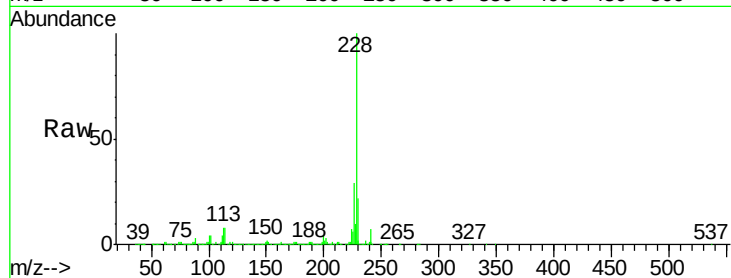
Tgt Ion:228 Resp: 1349193

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

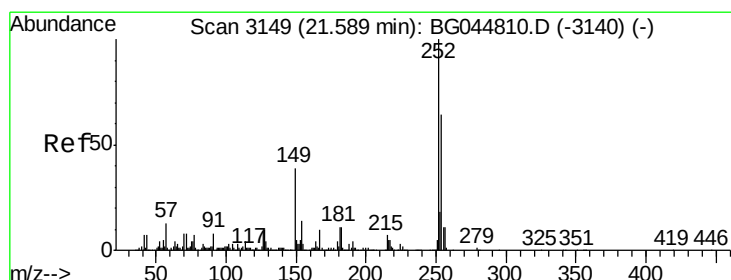
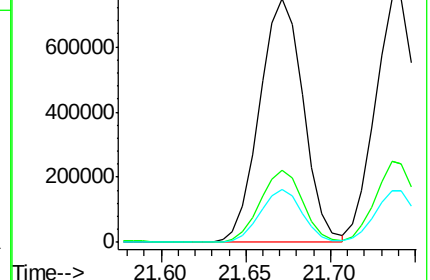
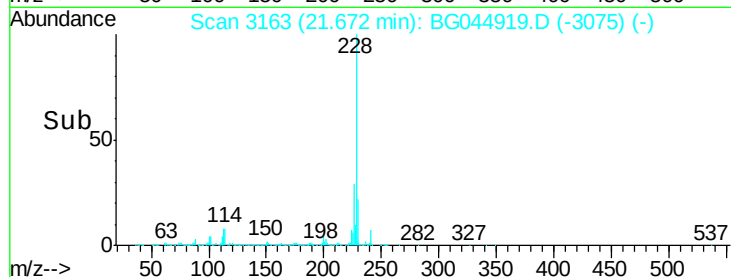
229 21.8 17.1 25.7



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: 32.26 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

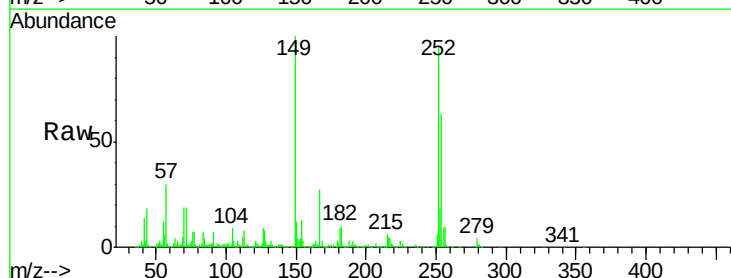
Tgt Ion:252 Resp: 438141

Ion Ratio Lower Upper

252 100

254 66.2 51.6 77.4

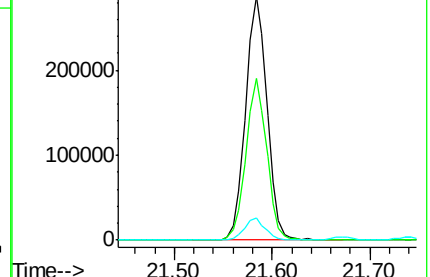
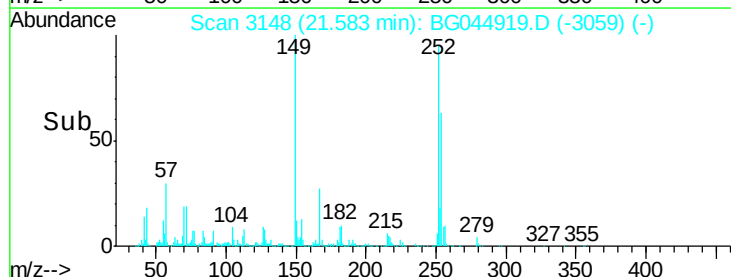
126 9.0 7.0 10.6

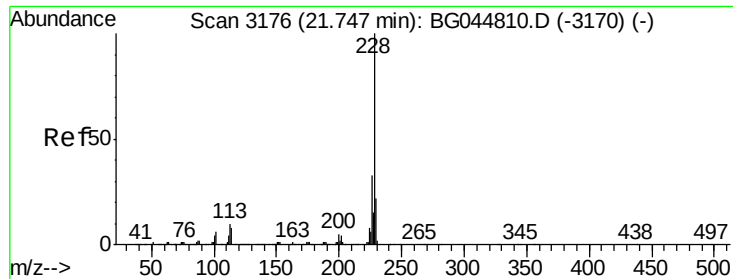


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.13 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

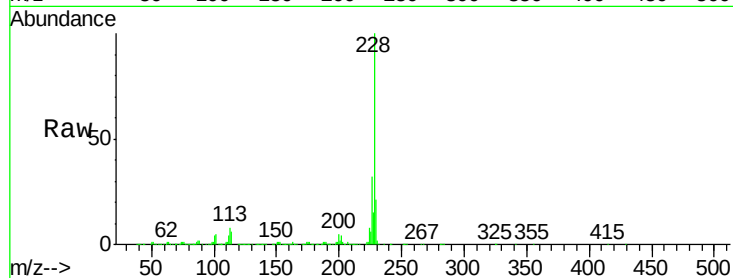
Tgt Ion:228 Resp: 1278617

Ion Ratio Lower Upper

228 100

226 32.3 25.9 38.9

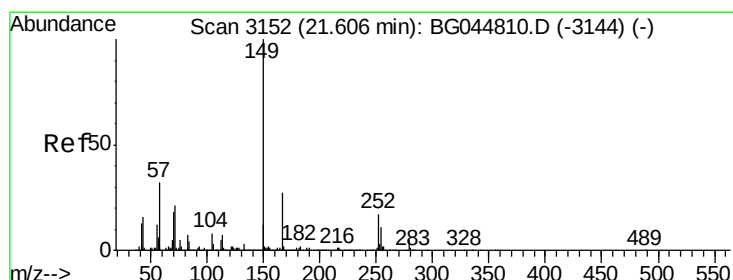
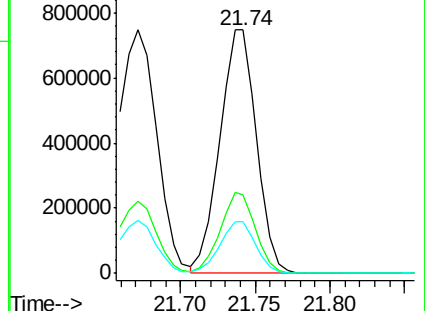
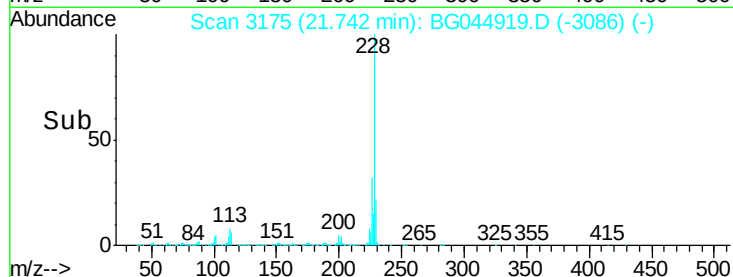
229 21.3 17.4 26.0



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: 36.49 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

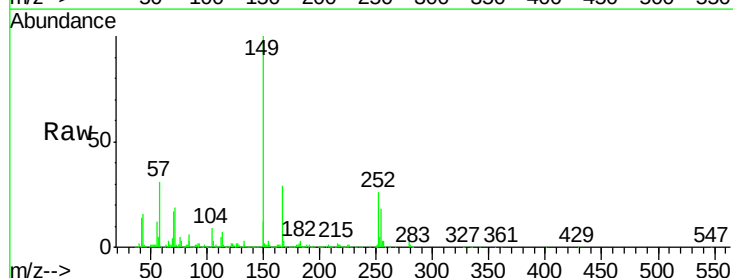
Tgt Ion:149 Resp: 801355

Ion Ratio Lower Upper

149 100

167 28.5 21.8 32.6

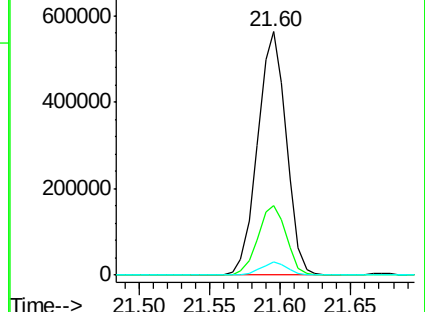
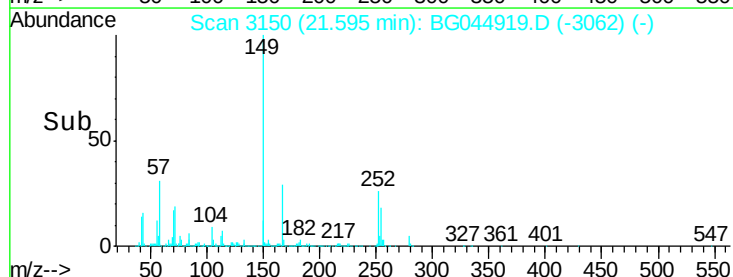
279 5.4 3.8 5.6

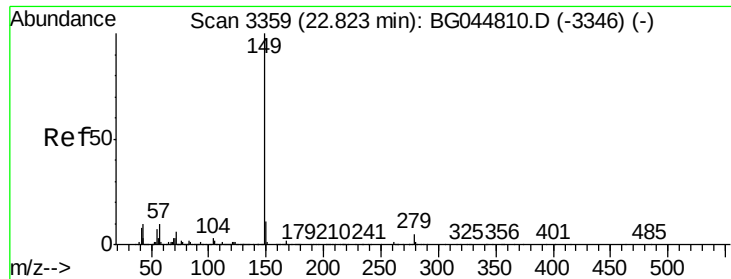


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.19 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

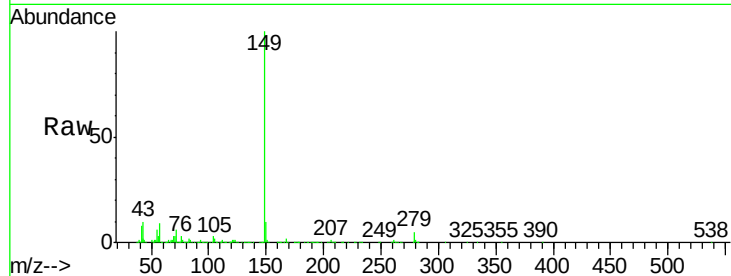
Tgt Ion:149 Resp: 1403378

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

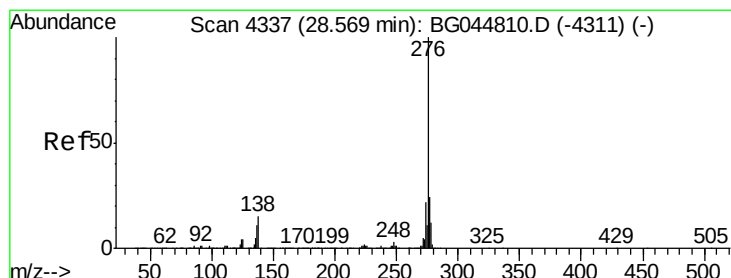
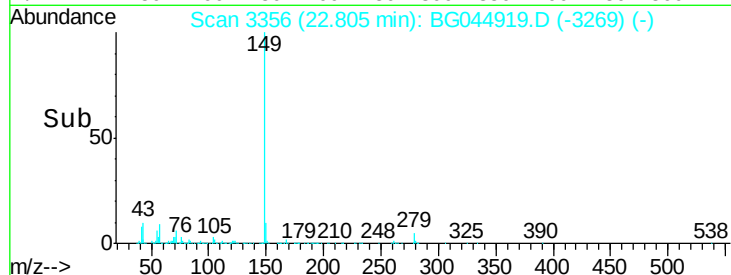
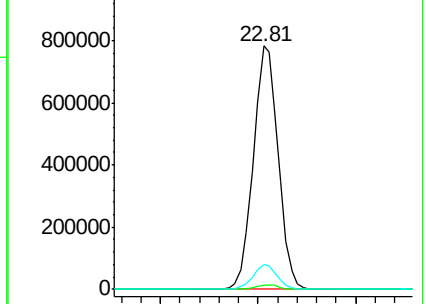
43 9.9 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.29 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.03 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

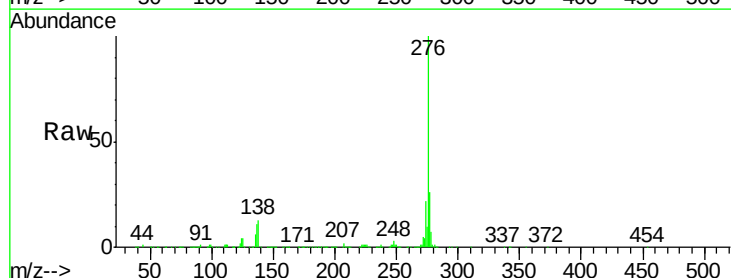
Tgt Ion:276 Resp: 1727375

Ion Ratio Lower Upper

276 100

138 10.8 7.4 11.0

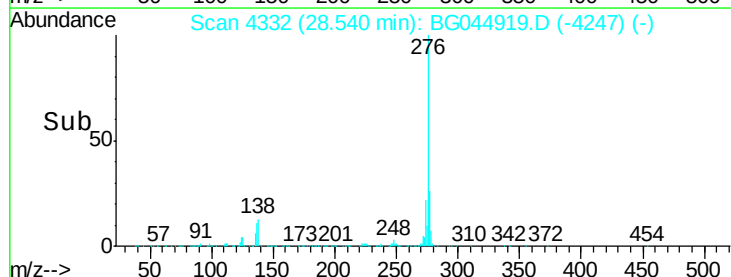
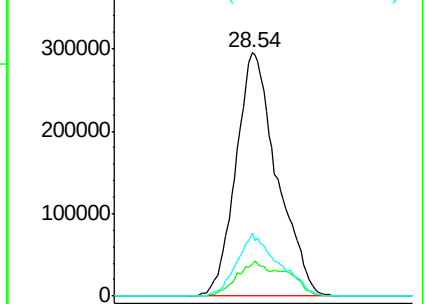
277 26.0 20.8 31.2

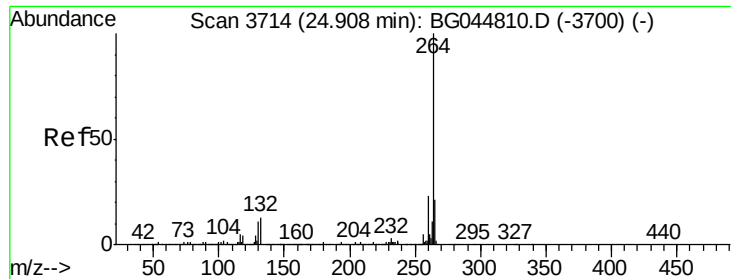


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.90 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

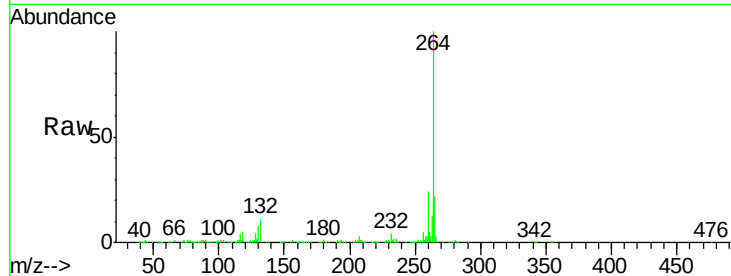
Tgt Ion:264 Resp: 545966

Ion Ratio Lower Upper

264 100

260 24.1 18.1 27.1

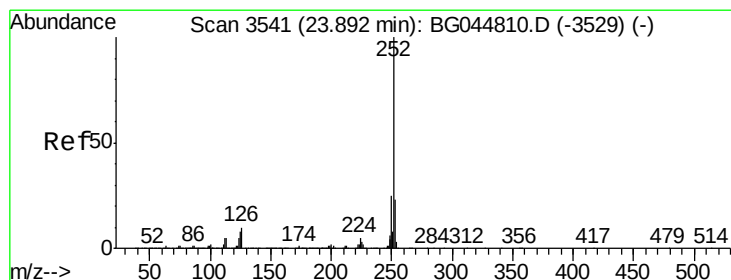
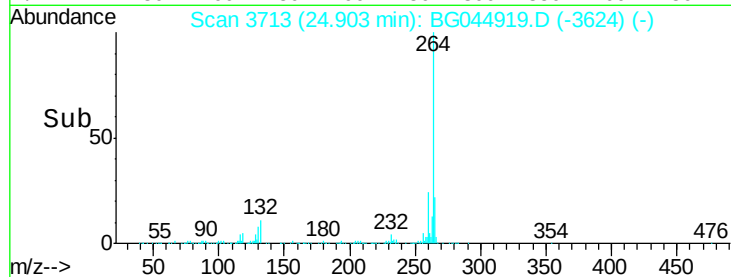
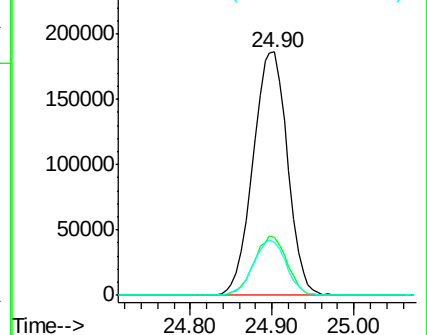
265 21.8 17.1 25.7



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: 40.16 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

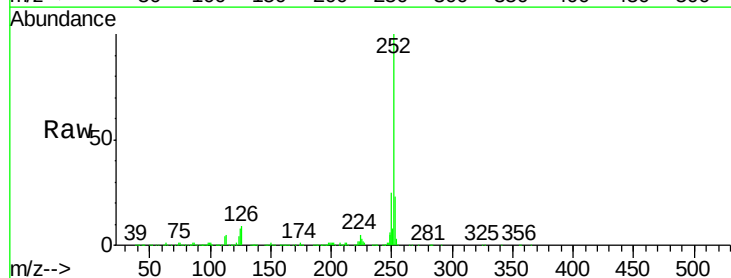
Tgt Ion:252 Resp: 1447372

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

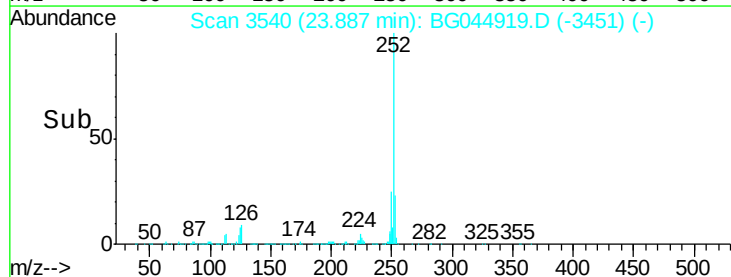
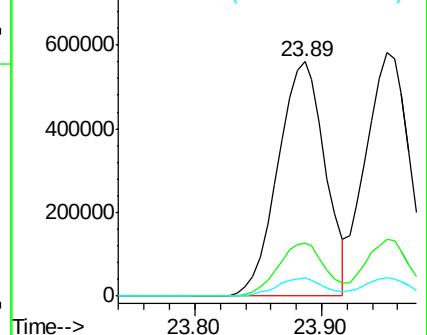
125 7.7 6.6 9.8

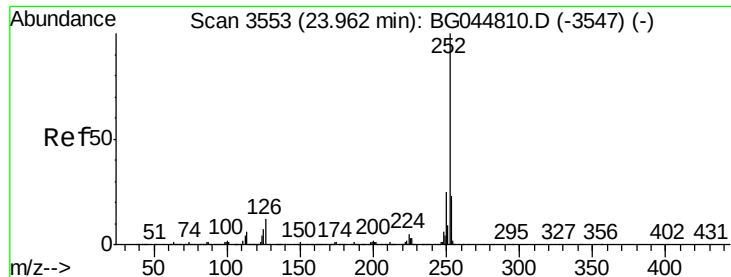


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.01 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

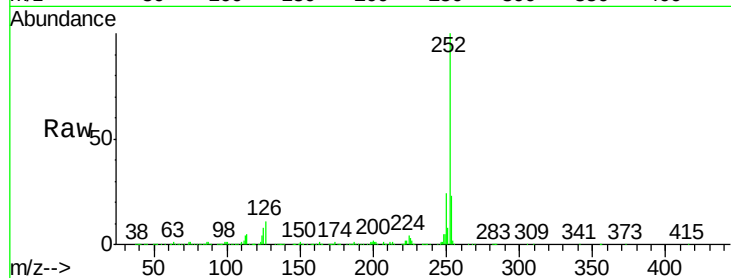
Tgt Ion:252 Resp: 1398894

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

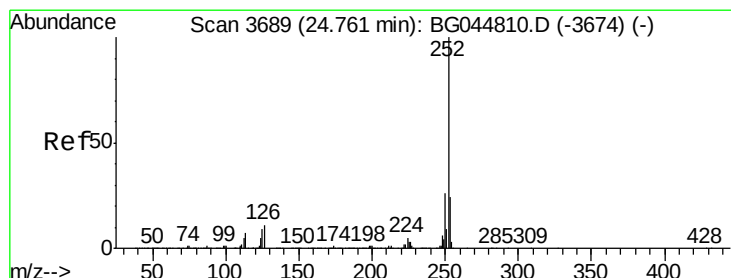
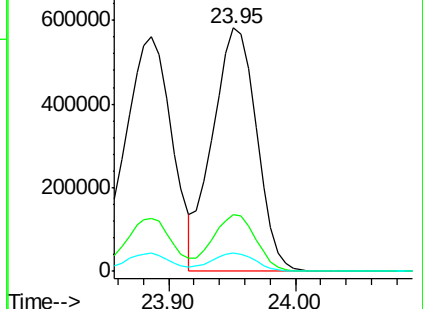
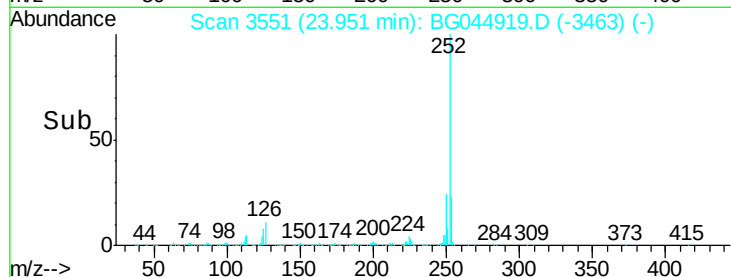
125 7.8 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.79 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

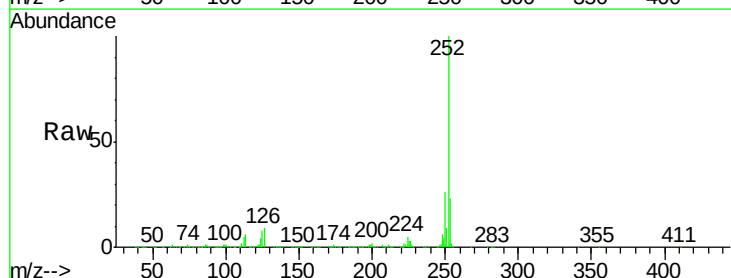
Tgt Ion:252 Resp: 1341942

Ion Ratio Lower Upper

252 100

253 22.8 19.4 29.0

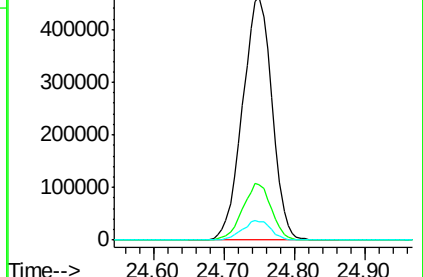
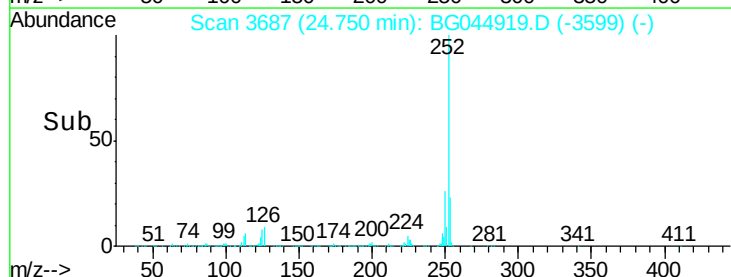
125 7.6 7.2 10.8

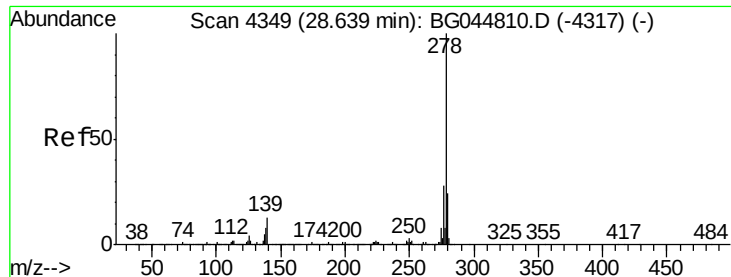


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.98 ng

RT: 28.61 min Scan# 4344

Delta R.T. -0.03 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

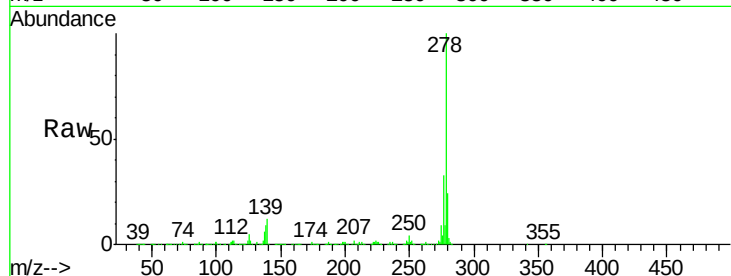
Tgt Ion:278 Resp: 1396695

Ion Ratio Lower Upper

278 100

139 11.7 10.2 15.2

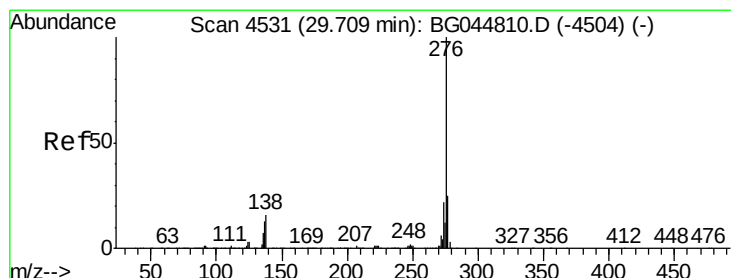
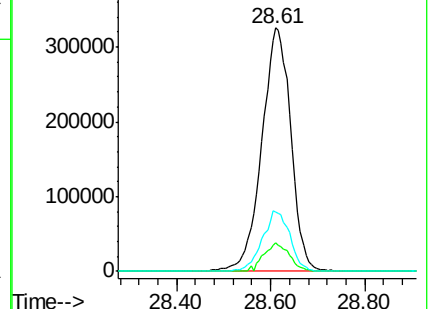
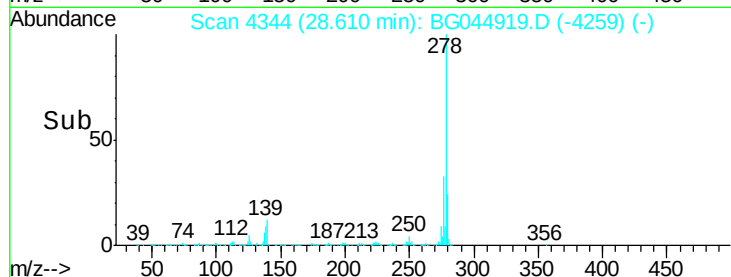
279 24.3 18.9 28.3



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: 42.77 ng

RT: 29.69 min Scan# 4527

Delta R.T. -0.02 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

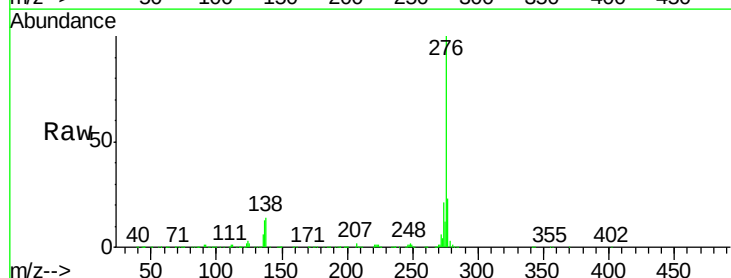
Tgt Ion:276 Resp: 1437691

Ion Ratio Lower Upper

276 100

277 23.0 20.1 30.1

138 14.0 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

