

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG032420\
 Data File : BG044931.D
 Acq On : 24 Mar 2020 15:30
 Operator : CG/JU
 Sample : PB127768BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

Quant Time: Mar 24 16:06:24 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 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	89666	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	350609	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	232876	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	528918	20.00	ng	0.00
76) Chrysene-d12	21.69	240	494542	20.00	ng	-0.01
87) Perylene-d12	24.89	264	545508	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	726441	126.12	ng	0.00
7) Phenol-d6	7.20	99	969885	115.89	ng	0.00
23) Nitrobenzene-d5	9.20	82	617811	77.32	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	387705	127.15	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1300094	79.95	ng	0.00
79) Terphenyl-d14	20.03	244	2048622	77.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	98539	35.525	ng	97
3) Pyridine	3.91	79	264417	32.201	ng	98
4) n-Nitrosodimethylamine	3.82	42	126537	40.615	ng	# 97
6) Aniline	7.36	93	311718	29.934	ng	98
8) 2-Chlorophenol	7.61	128	266818	46.403	ng	96
9) Benzaldehyde	7.17	77	204072	40.064	ng	93
10) Phenol	7.23	94	357255	43.118	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	260967	39.466	ng	98
12) 1,3-Dichlorobenzene	7.93	146	291220	41.115	ng	99
13) 1,4-Dichlorobenzene	8.08	146	288939	41.262	ng	96
14) 1,2-Dichlorobenzene	8.40	146	267576	40.290	ng	97
15) Benzyl Alcohol	8.27	79	261117	38.887	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	378668	32.450	ng	97
17) 2-Methylphenol	8.49	107	238271	42.454	ng	97
18) Hexachloroethane	9.13	117	110754	40.173	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	213204	36.079	ng	100
20) 3+4-Methylphenols	8.81	107	328102	42.409	ng	97
22) Acetophenone	8.86	105	398971	40.167	ng	99
24) Nitrobenzene	9.24	77	330082	39.815	ng	98
25) Isophorone	9.77	82	589592	37.809	ng	97
26) 2-Nitrophenol	9.95	139	131898	46.077	ng	99
27) 2,4-Dimethylphenol	10.02	122	236946	46.659	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	341975	36.747	ng	100
29) 2,4-Dichlorophenol	10.49	162	263141	44.364	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	285417	40.243	ng	93
31) Naphthalene	10.90	128	788977	40.623	ng	99
32) Benzoic acid	10.16	122	125537	35.010	ng	94
33) 4-Chloroaniline	11.00	127	159205	18.194	ng	97
34) Hexachlorobutadiene	11.20	225	191012	40.954	ng	98
35) Caprolactam	11.77	113	44508	19.819	ng	# 80
36) 4-Chloro-3-methylphenol	12.12	107	293067	41.428	ng	97
37) 2-Methylnaphthalene	12.50	142	586764	40.387	ng	96
38) 1-Methylnaphthalene	12.72	142	559020	40.928	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	310841	40.531	ng	99

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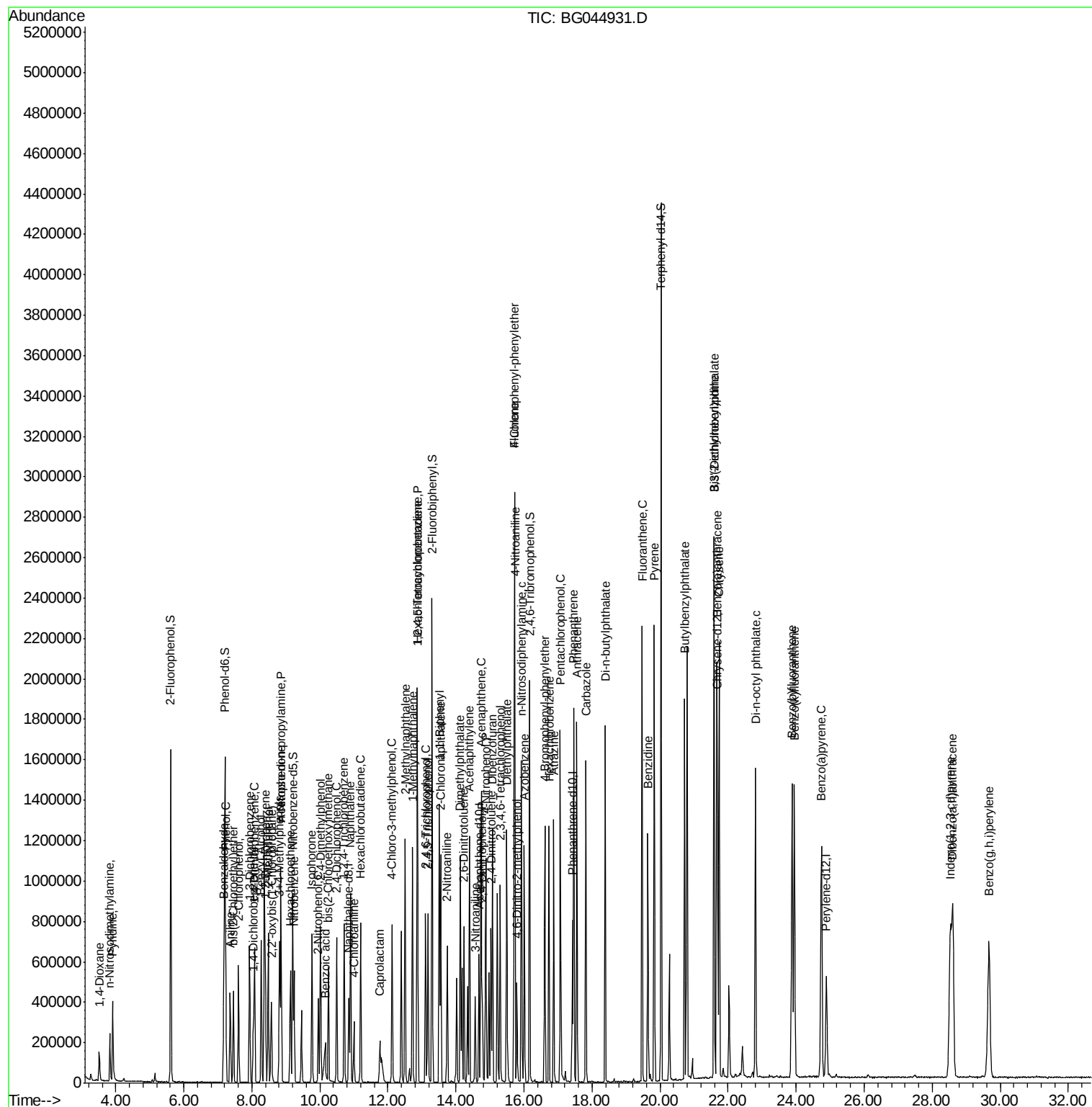
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	421333	100.525	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	223590	43.930	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	235410	44.599	ng	97
46) 1,1'-Biphenyl	13.51	154	728988	39.173	ng	98
47) 2-Chloronaphthalene	13.55	162	564203	39.687	ng	98
48) 2-Nitroaniline	13.74	65	194274	39.034	ng	97
49) Acenaphthylene	14.40	152	907982	40.768	ng	98
50) Dimethylphthalate	14.13	163	741187	39.962	ng	99
51) 2,6-Dinitrotoluene	14.24	165	169906	45.446	ng	97
52) Acenaphthene	14.74	154	647465	44.390	ng	97
53) 3-Nitroaniline	14.57	138	102278	23.795	ng	91
54) 2,4-Dinitrophenol	14.77	184	167705	85.235	ng	96
55) Dibenzofuran	15.07	168	868265	41.050	ng	99
56) 4-Nitrophenol	14.88	139	276675	84.343	ng	95
57) 2,4-Dinitrotoluene	15.03	165	230342	44.924	ng	99
58) Fluorene	15.72	166	722381	41.517	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	214339	44.106	ng	92
60) Diethylphthalate	15.49	149	752672	38.908	ng	97
61) 4-Chlorophenyl-phenylether	15.72	204	387787	41.391	ng	99
62) 4-Nitroaniline	15.74	138	172173	37.565	ng	95
63) Azobenzene	16.01	77	759628	37.813	ng	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	125228	49.940	ng	91
66) n-Nitrosodiphenylamine	15.93	169	650082	40.824	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	269993	40.832	ng	97
68) Hexachlorobenzene	16.73	284	287735	40.111	ng	99
69) Atrazine	16.88	200	258914	44.379	ng	98
70) Pentachlorophenol	17.07	266	345027	87.415	ng	97
71) Phenanthrene	17.46	178	1144524	40.493	ng	100
72) Anthracene	17.56	178	1168196	41.915	ng	99
73) Carbazole	17.82	167	1096709	40.965	ng	99
74) Di-n-butylphthalate	18.39	149	1275670	39.199	ng	99
75) Fluoranthene	19.47	202	1432372	42.562	ng	100
77) Benzidine	19.64	184	696353	43.374	ng	100
78) Pyrene	19.83	202	1400717	38.605	ng	99
80) Butylbenzylphthalate	20.72	149	580251	35.948	ng	99
81) Benzo(a)anthracene	21.67	228	1361007	38.219	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	351548	25.518	ng	98
83) Chrysene	21.73	228	1295552	38.086	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	804140	36.097	ng	98
85) Di-n-octyl phthalate	22.80	149	1377404	36.949	ng	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1748678	39.211	ng	# 97
88) Benzo(b)fluoranthene	23.88	252	1494359	41.495	ng	99
89) Benzo(k)fluoranthene	23.95	252	1423372	41.765	ng	98
90) Benzo(a)pyrene	24.74	252	1363212	40.454	ng	96
91) Dibenzo(a,h)anthracene	28.61	278	1406254	42.300	ng	98
92) Benzo(g,h,i)perylene	29.67	276	1408162	41.924	ng	97

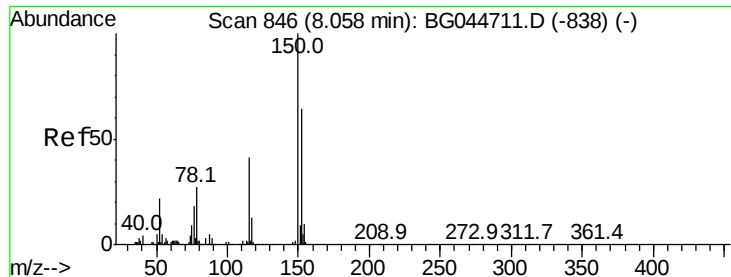
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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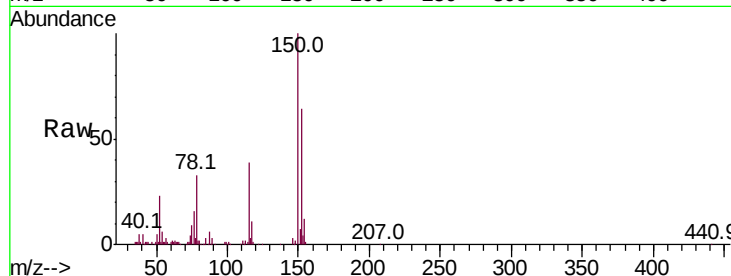


#1

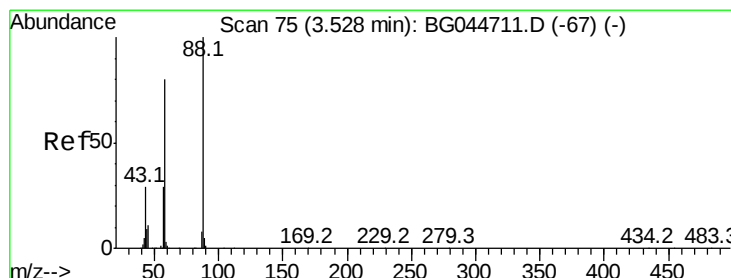
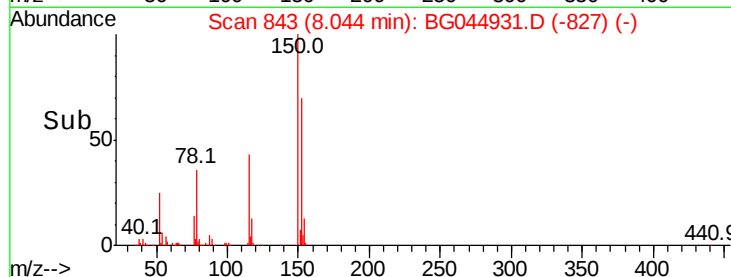
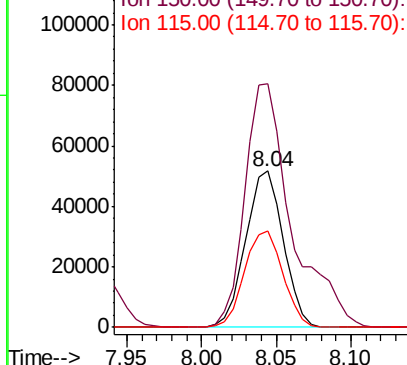
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion:152 Resp: 89666
Ion Ratio Lower Upper
152 100
150 155.6 128.8 193.2
115 61.4 52.6 79.0



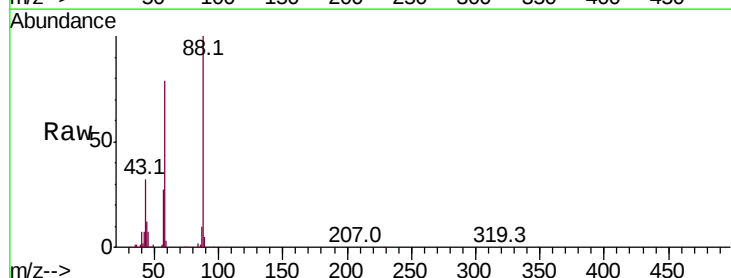
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



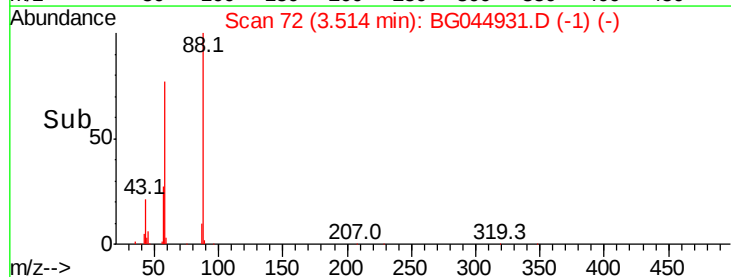
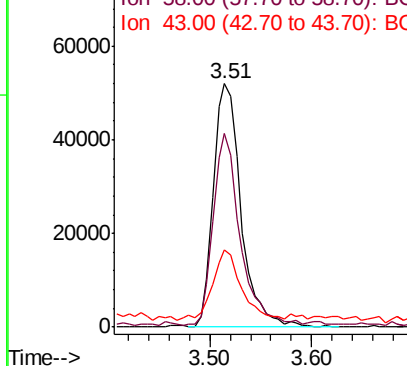
#2

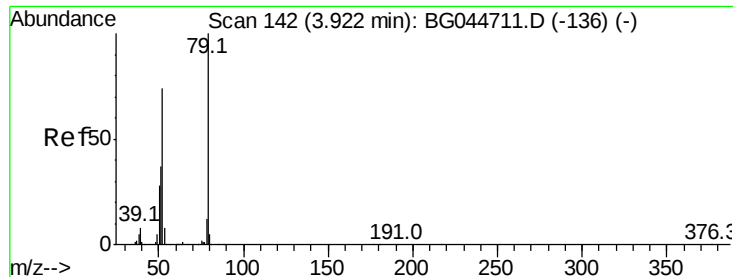
1,4-Dioxane
Concen: 35.525 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion: 88 Resp: 98539
Ion Ratio Lower Upper
88 100
58 75.5 63.0 94.4
43 30.6 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

Pvridine

Concen: 32.201 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

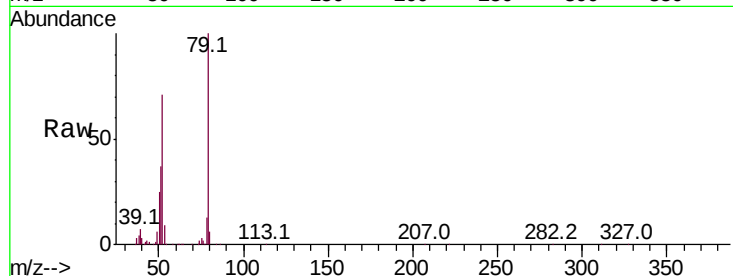
Tot Ion: 79 Resp: 264417

Ion Ratio Lower Upper

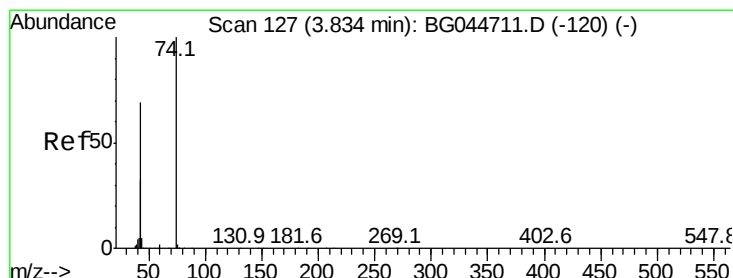
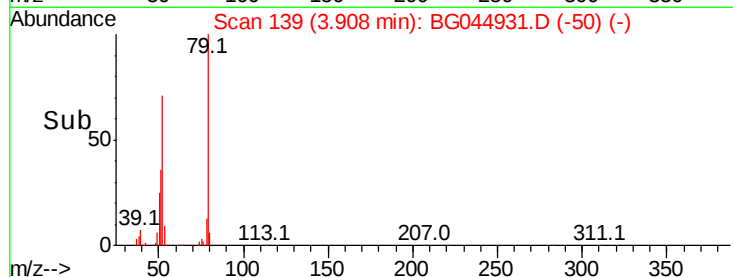
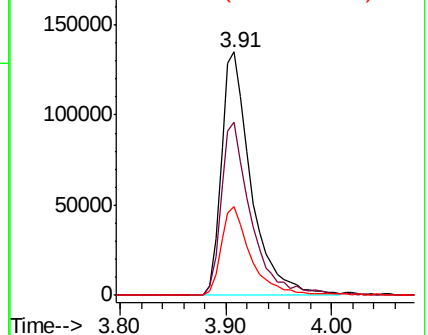
79 100

52 71.2 56.3 84.5

51 36.6 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: 40.615 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

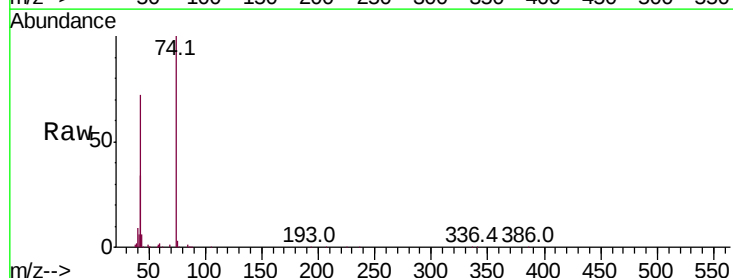
Tgt Ion: 42 Resp: 126537

Ion Ratio Lower Upper

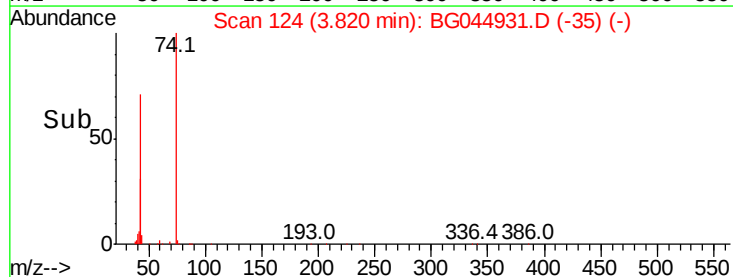
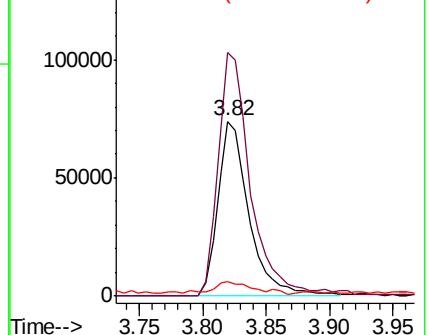
42 100

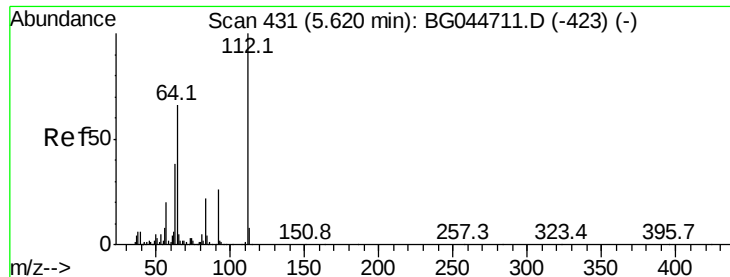
74 139.3 109.1 163.7

44 8.5 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: 126.118 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

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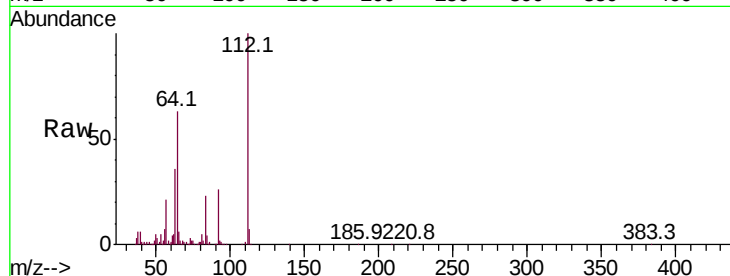
Tot Ion:112 Resp: 726441

Ion Ratio Lower Upper

112 100

64 62.7 53.4 80.2

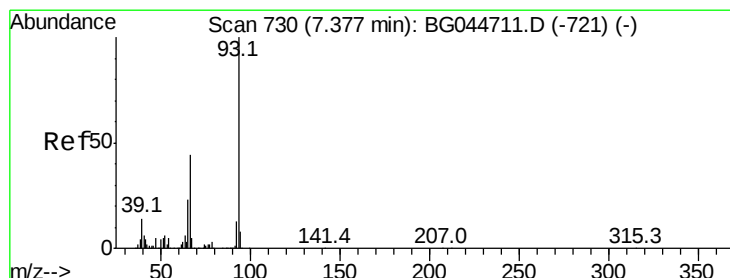
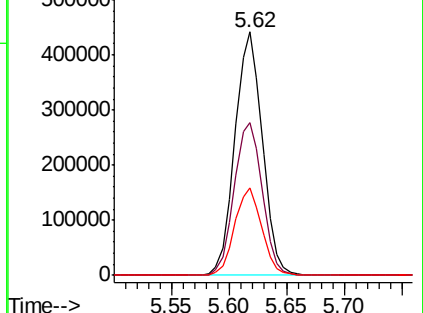
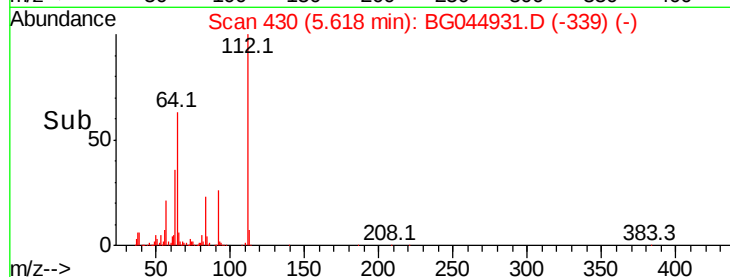
63 35.9 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.934 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

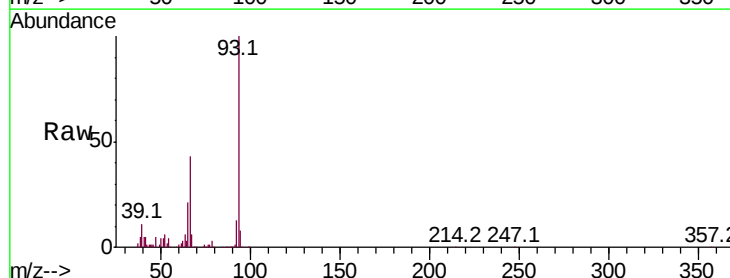
Tgt Ion: 93 Resp: 311718

Ion Ratio Lower Upper

93 100

66 42.7 33.7 50.5

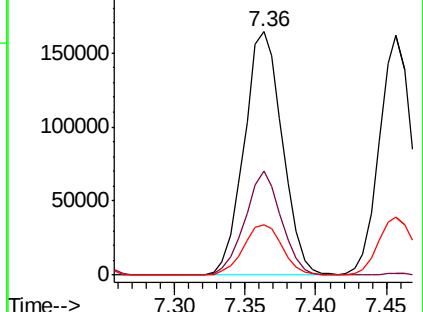
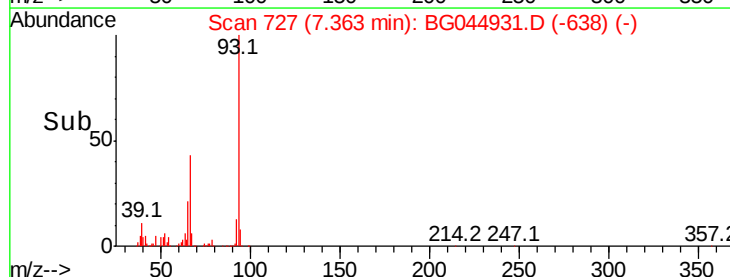
65 20.7 17.7 26.5

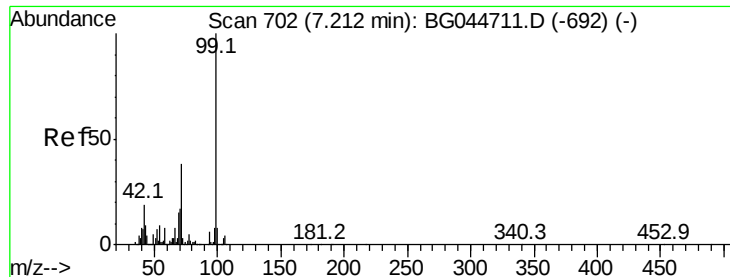


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.891 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

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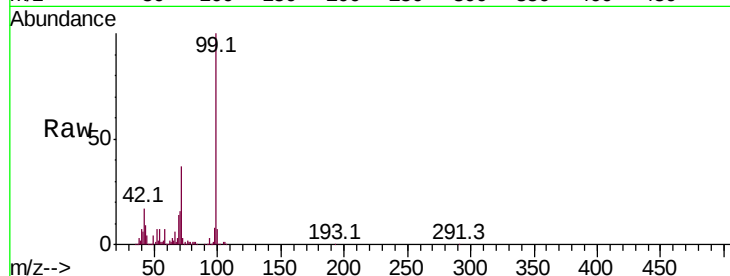
Tot Ion: 99 Resp: 969885

Ion Ratio Lower Upper

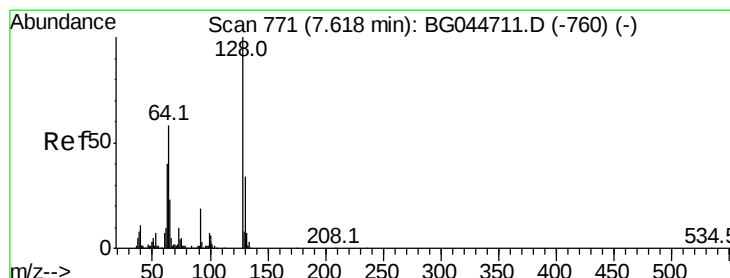
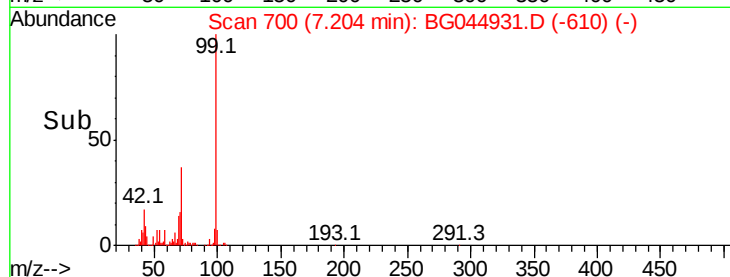
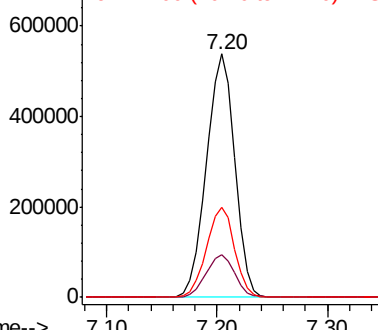
99 100

42 17.3 12.6 19.0

71 37.1 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: 46.403 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

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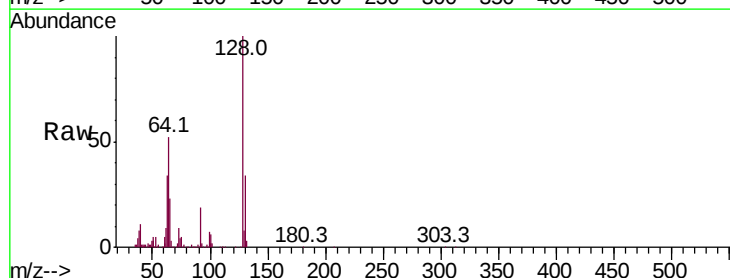
Tgt Ion: 128 Resp: 266818

Ion Ratio Lower Upper

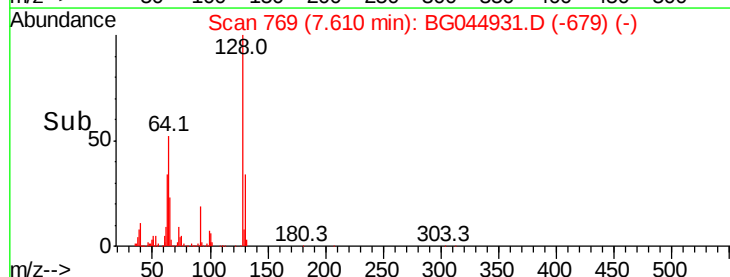
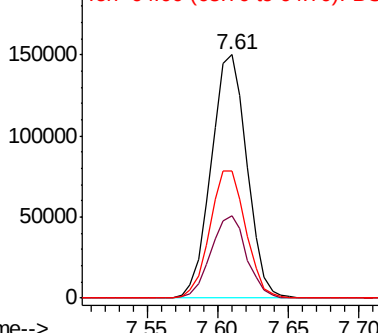
128 100

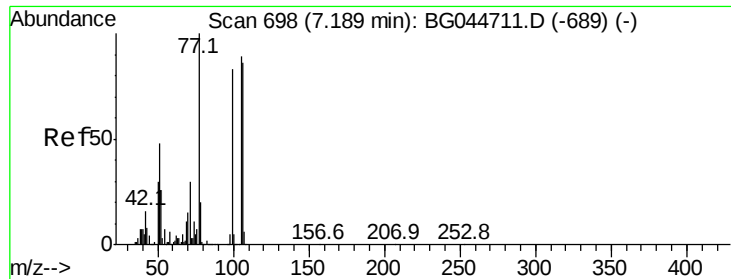
130 34.0 11.6 51.6

64 52.1 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: 40.064 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

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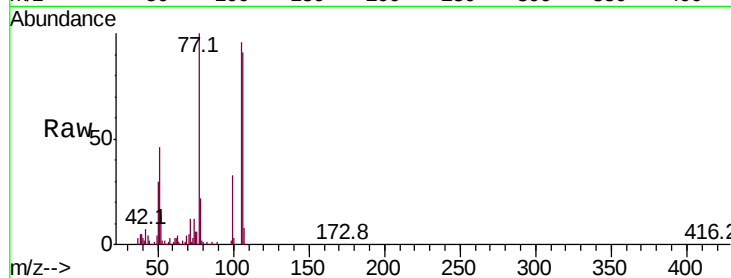
Tot Ion: 77 Resp: 204072

Ion Ratio Lower Upper

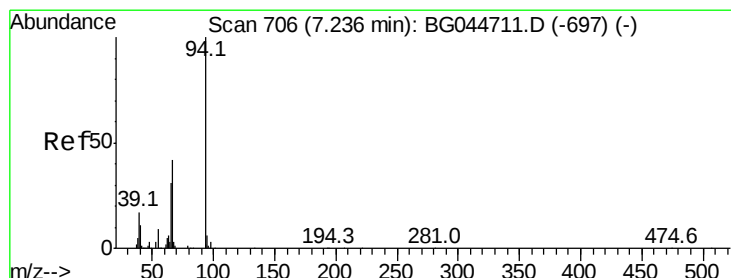
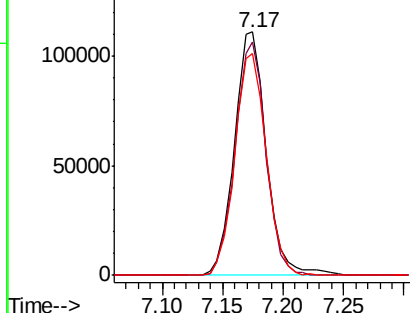
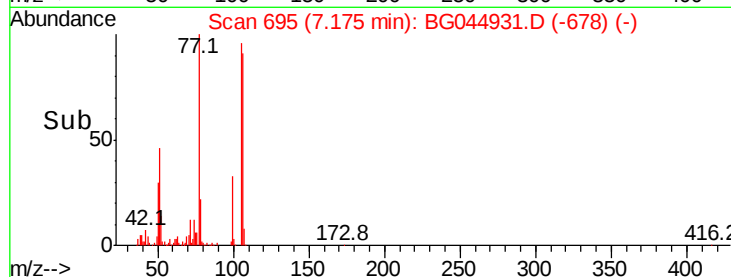
77 100

105 96.1 69.3 109.3

106 91.4 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: 43.118 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

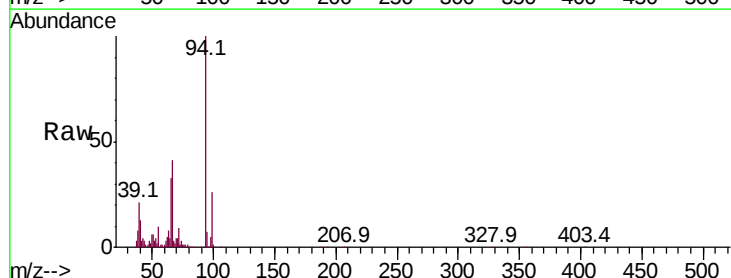
Tgt Ion: 94 Resp: 357255

Ion Ratio Lower Upper

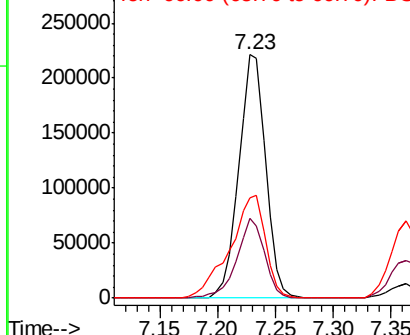
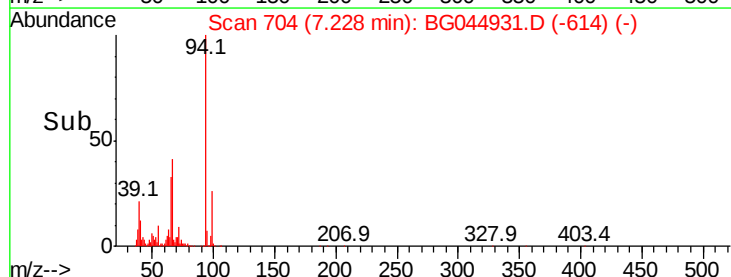
94 100

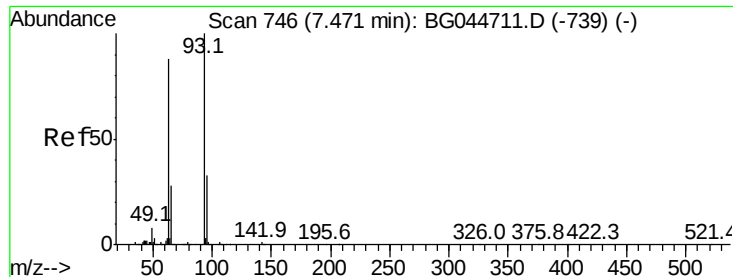
65 32.9 11.0 51.0

66 41.4 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

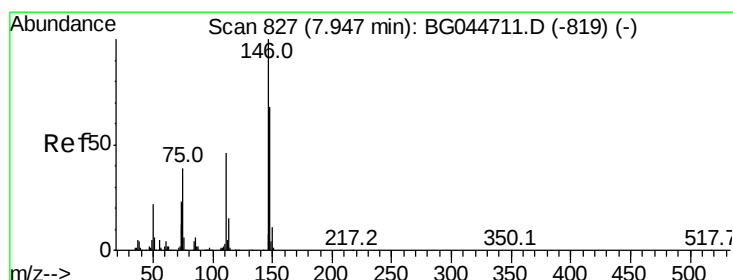
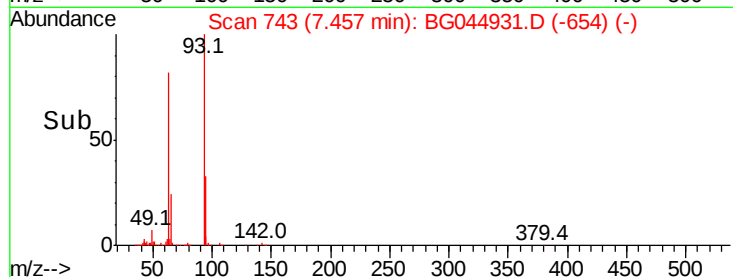
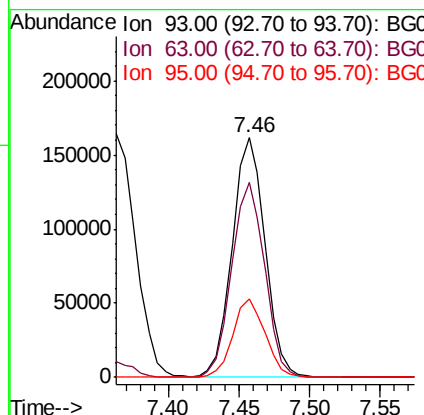
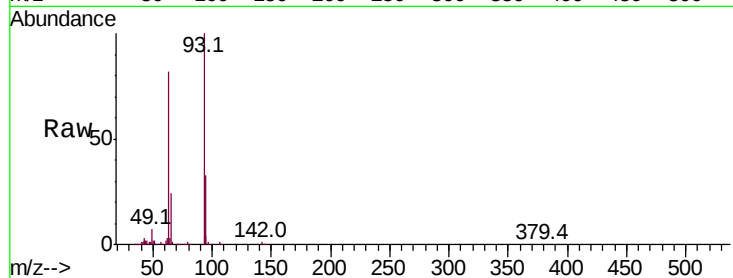




#11
bis(2-Chloroethyl)ether
Concen: 39.466 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

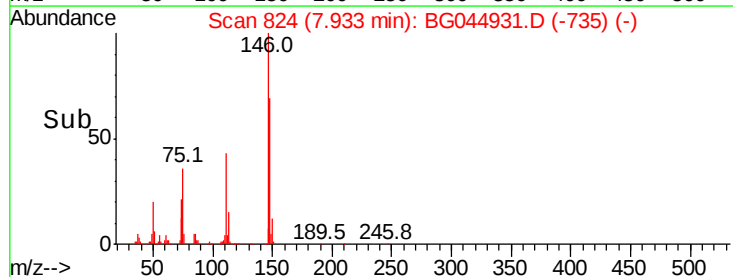
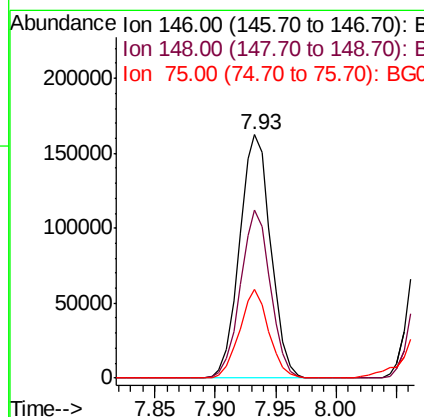
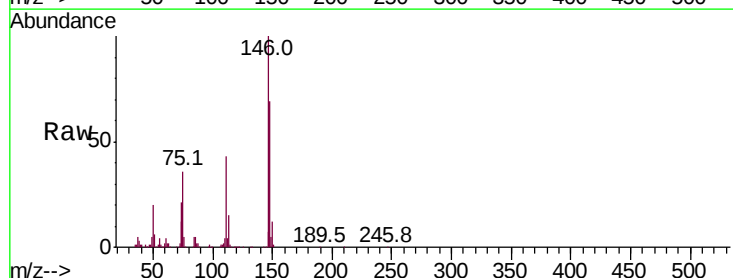
Instrument :
BNA_G
ClientSampleId :
PB127768BSD

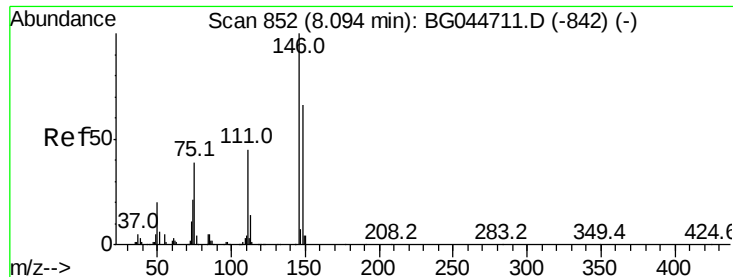
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	59.7	99.7
95	32.9	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 41.115 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.9	54.2	81.4
75	36.3	28.6	42.8

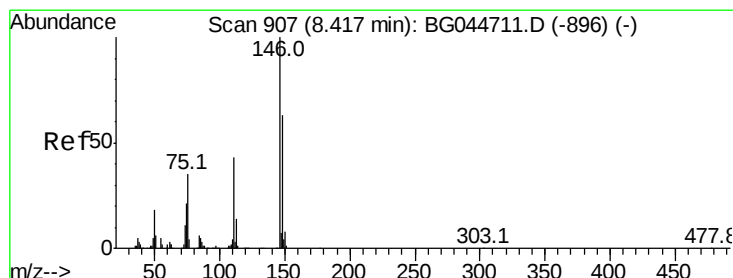
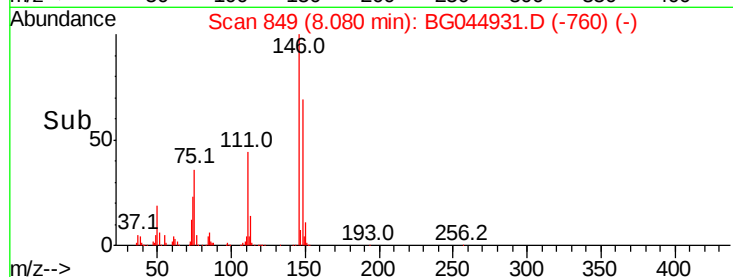
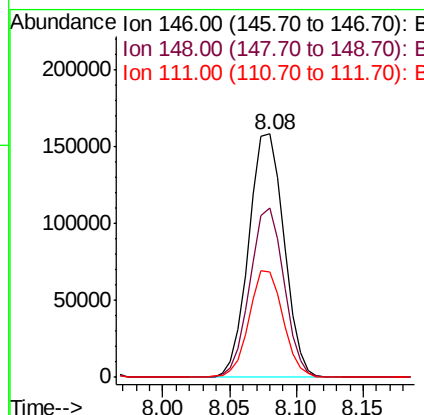
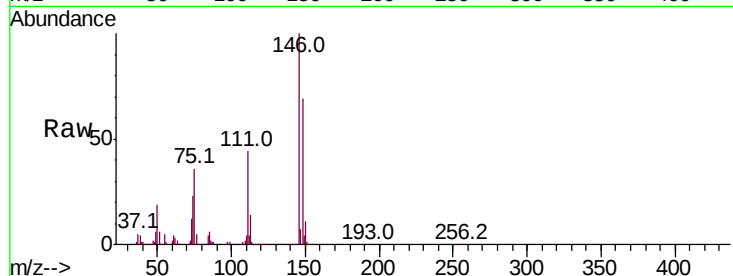




#13
 1,4-Dichlorobenzene
 Concen: 41.262 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

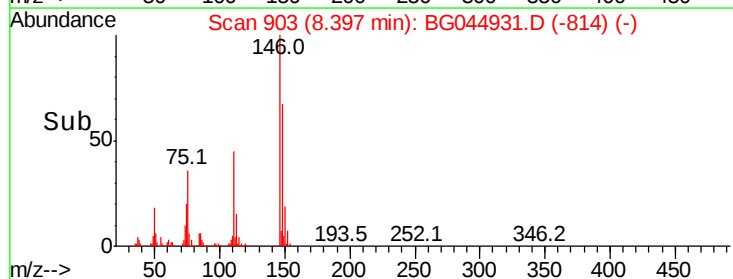
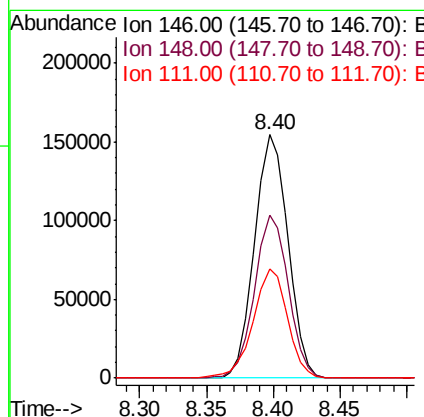
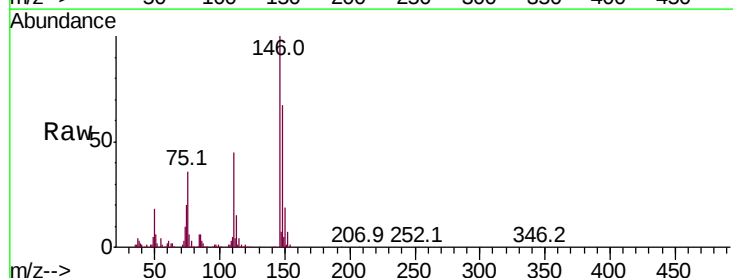
Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

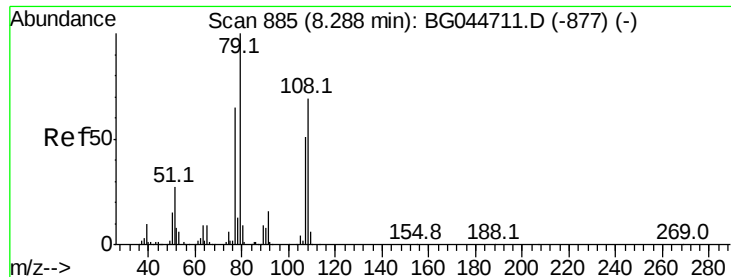
Tot Ion	Ratio	Lower	Upper
146	100		
148	69.4	53.8	80.6
111	43.5	32.0	48.0



#14
 1,2-Dichlorobenzene
 Concen: 40.290 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.1	78.1
111	44.6	33.4	50.2





#15

Benzyl Alcohol

Concen: 38.887 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

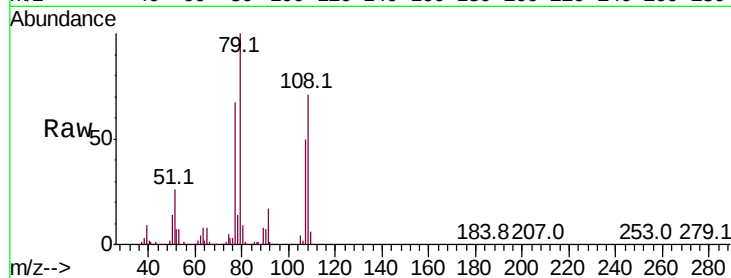
Tot Ion: 79 Resp: 261117

Ion Ratio Lower Upper

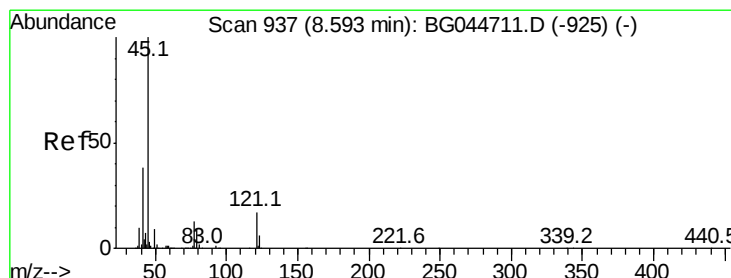
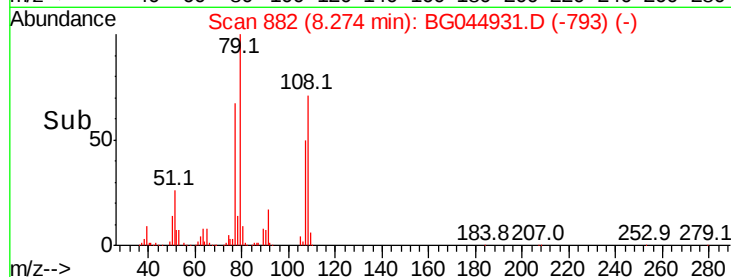
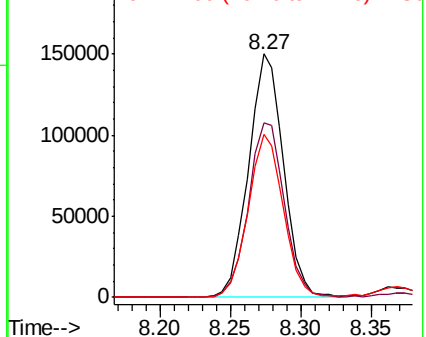
79 100

108 71.4 53.8 80.8

77 66.7 47.8 71.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.450 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

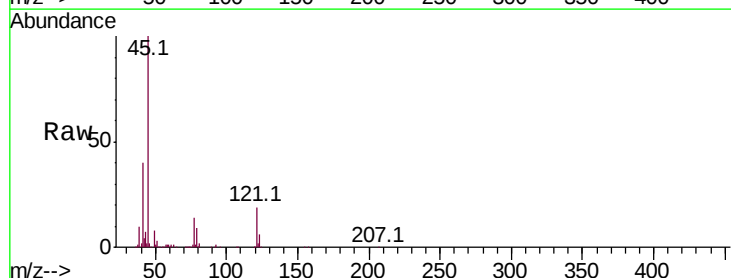
Tgt Ion: 45 Resp: 378668

Ion Ratio Lower Upper

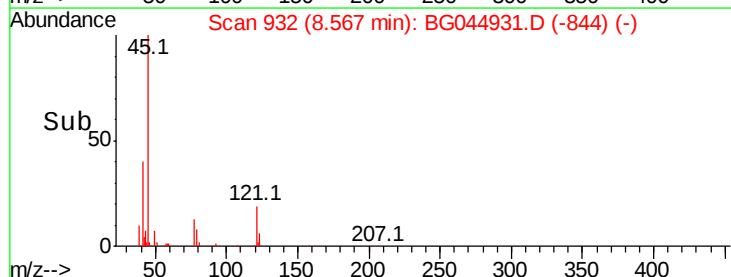
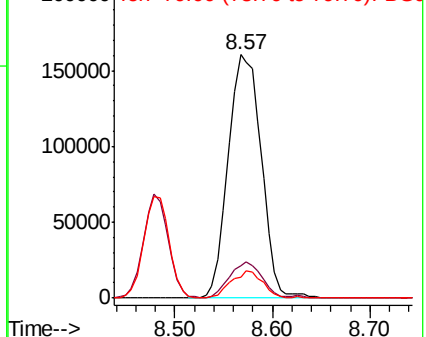
45 100

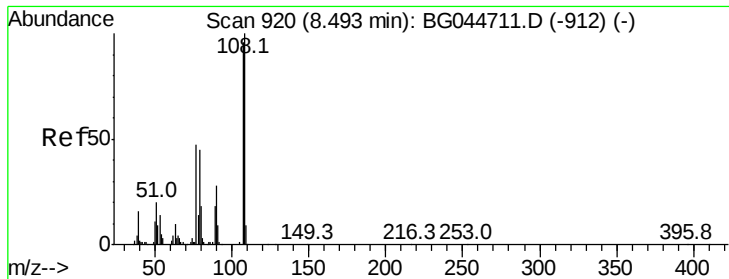
77 13.5 0.0 33.9

79 8.8 0.0 30.8



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





#17

2-Methylphenol

Concen: 42.454 ng

RT: 8.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

Tot Ion:107 Resp: 238271

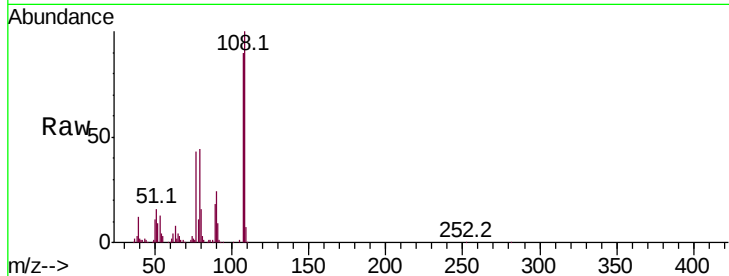
Ion Ratio Lower Upper

107 100

108 111.5 91.8 137.8

77 47.9 40.0 60.0

79 49.5 40.2 60.2

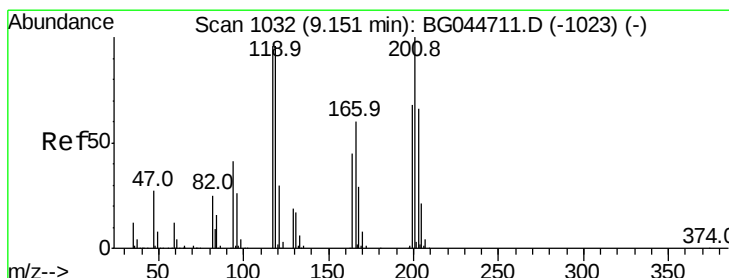
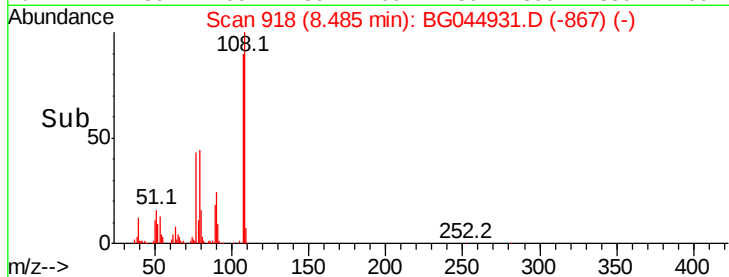
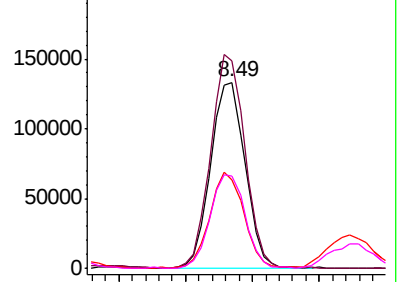


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.173 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

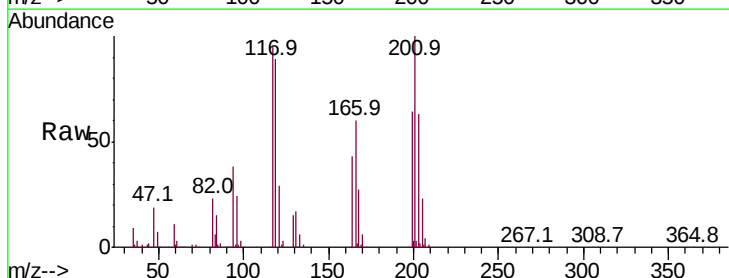
Tgt Ion:117 Resp: 110754

Ion Ratio Lower Upper

117 100

119 93.6 75.2 112.8

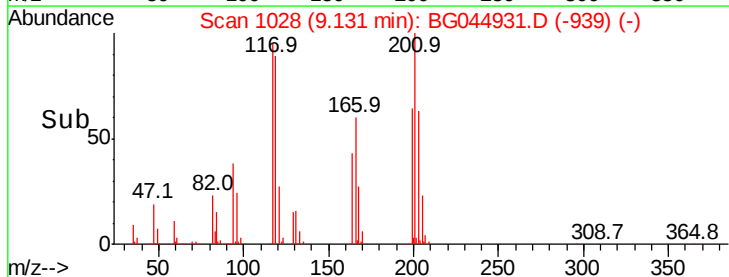
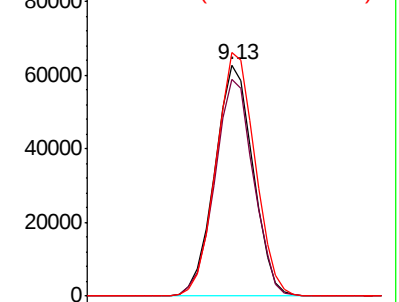
201 105.3 81.1 121.7

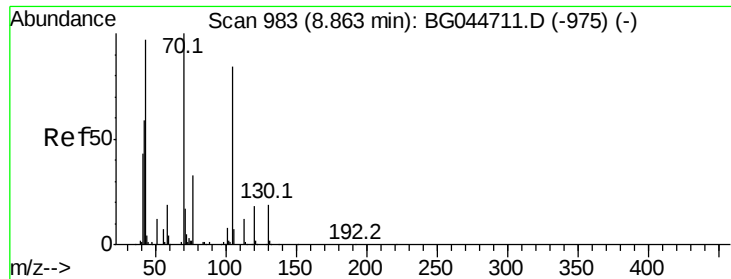


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.079 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

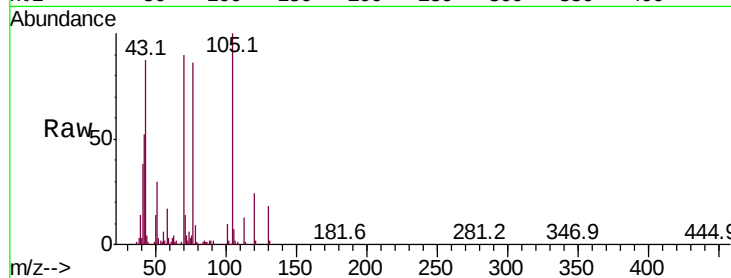
Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion: 70 Resp: 213204

Ion	Ratio	Lower	Upper
70	100		
42	57.1	45.7	68.5
101	10.8	7.4	11.2
130	20.0	15.9	23.9



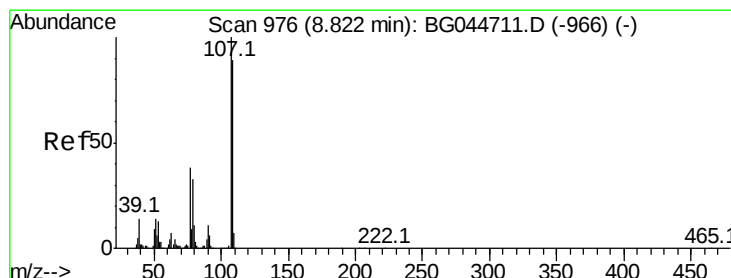
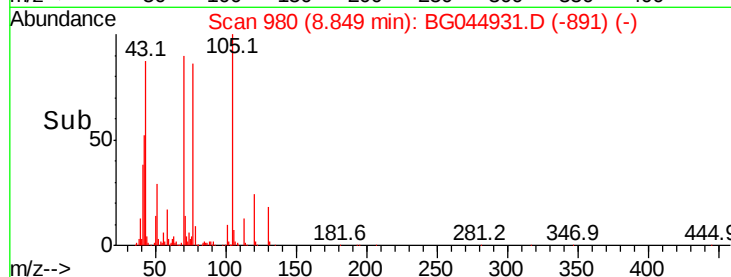
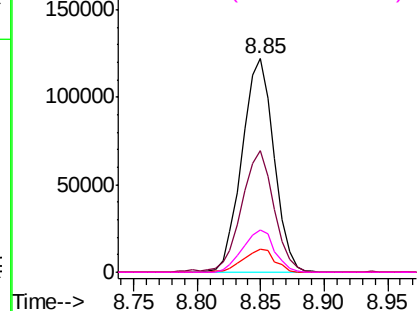
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.409 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion: 107 Resp: 328102

Ion	Ratio	Lower	Upper
107	100		
108	88.0	71.3	111.3
77	35.4	16.9	56.9
79	31.0	9.7	49.7

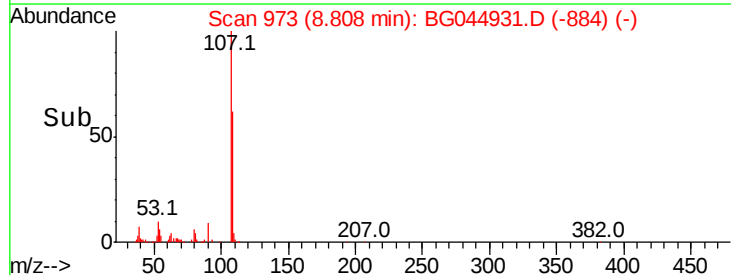
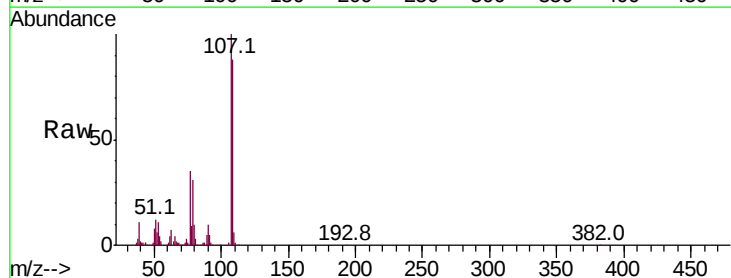
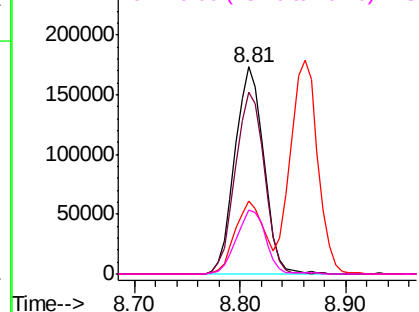
Abundance

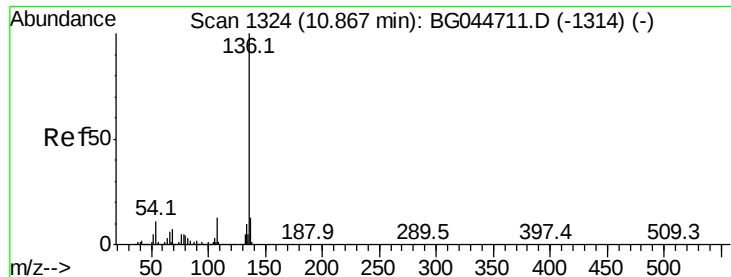
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

Tot Ion:136 Resp: 350609

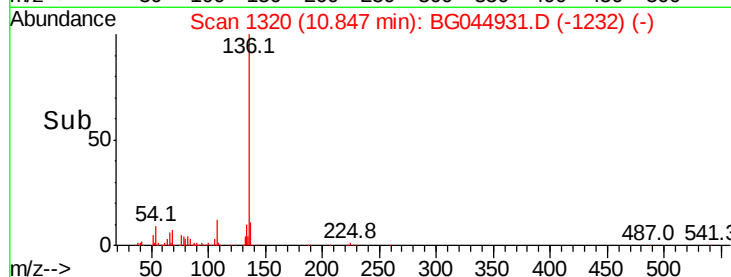
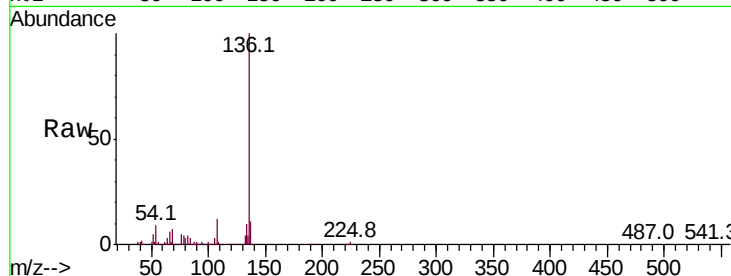
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.6

54 8.9 7.9 11.9

68 7.1 5.4 8.0

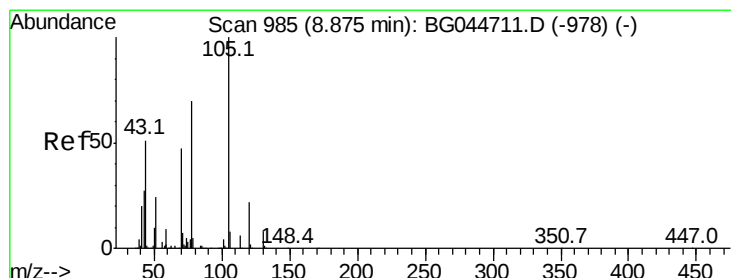
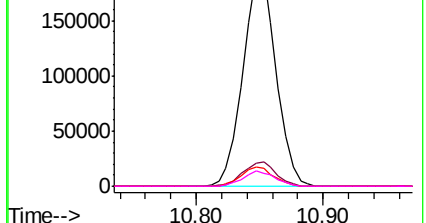


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.167 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:105 Resp: 398971

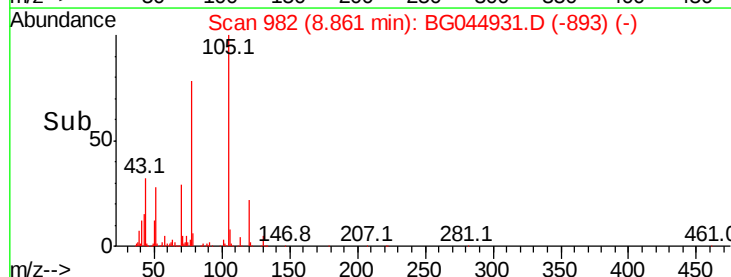
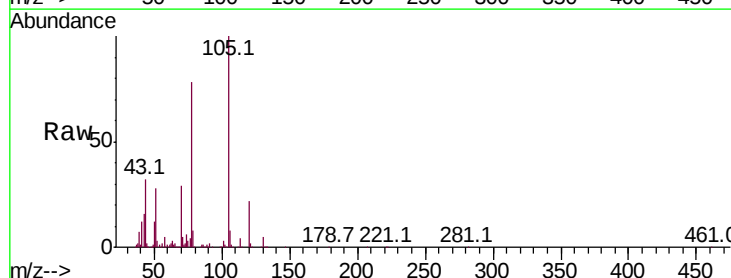
Ion Ratio Lower Upper

105 100

71 4.5 3.9 5.9

51 27.9 22.6 33.8

120 21.9 17.3 25.9

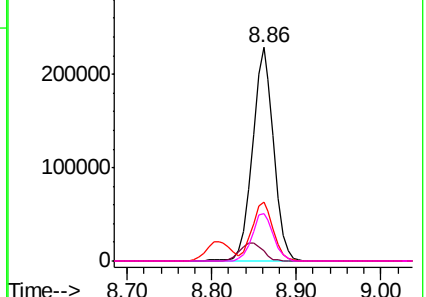


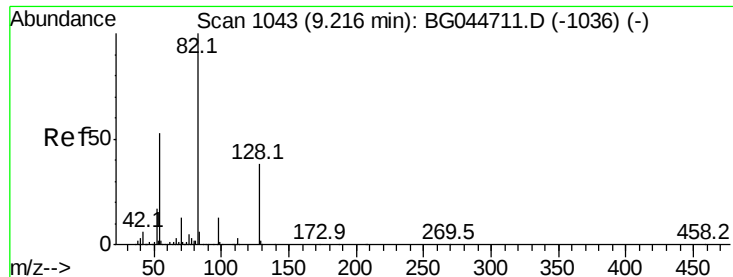
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 77.324 ng

RT: 9.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

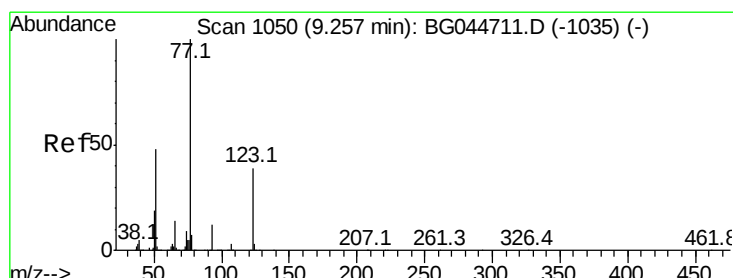
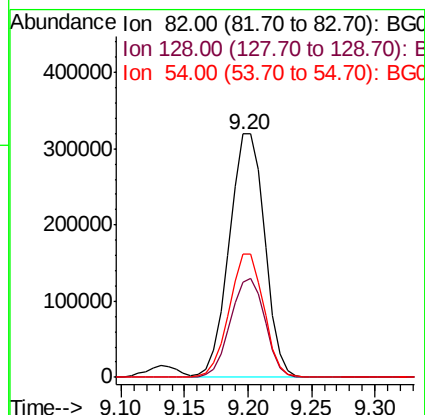
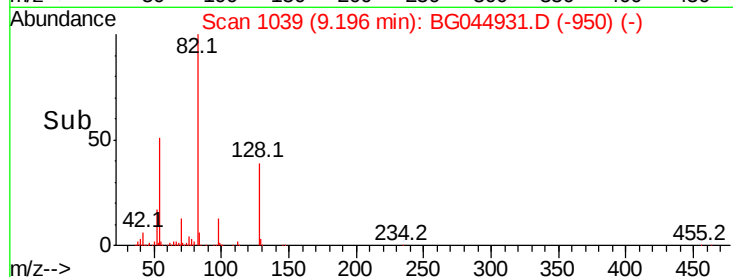
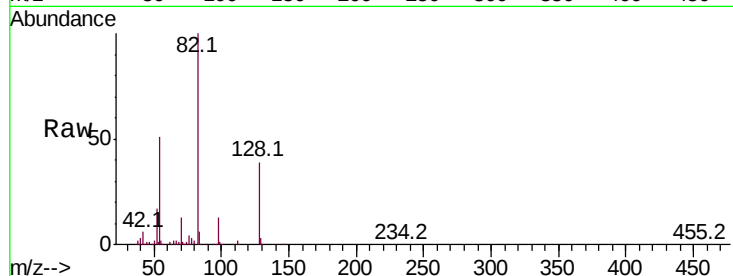
Tot Ion: 82 Resp: 617811

Ion Ratio Lower Upper

82 100

128 39.1 30.6 46.0

54 50.8 37.1 55.7



#24

Nitrobenzene

Concen: 39.815 ng

RT: 9.24 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

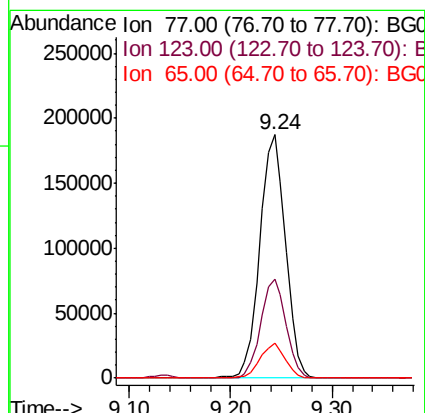
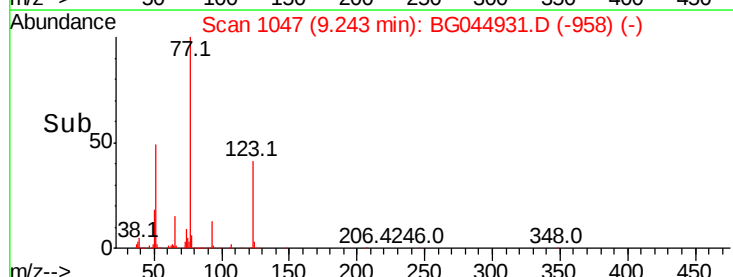
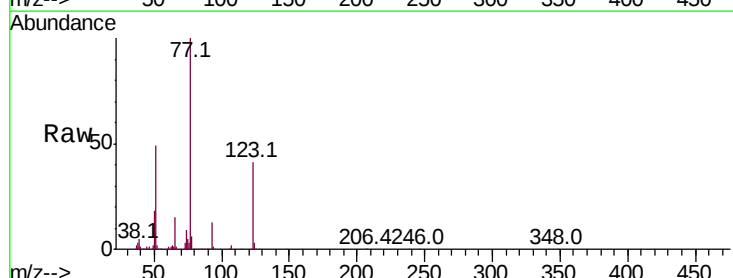
Tgt Ion: 77 Resp: 330082

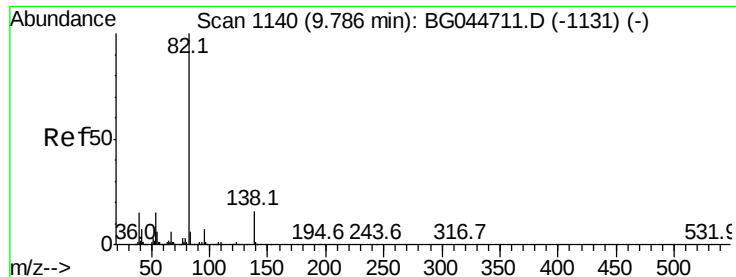
Ion Ratio Lower Upper

77 100

123 40.6 31.3 46.9

65 14.6 11.4 17.0





#25

Isophorone

Concen: 37.809 ng

RT: 9.77 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

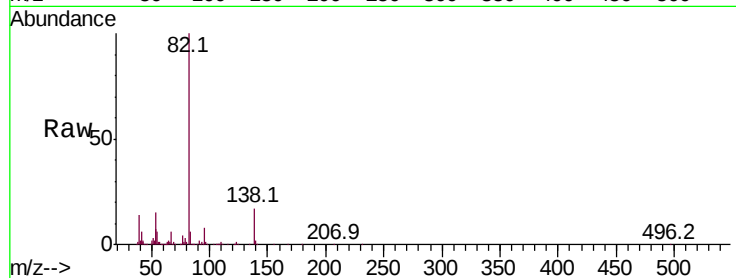
Tot Ion: 82 Resp: 589592

Ion Ratio Lower Upper

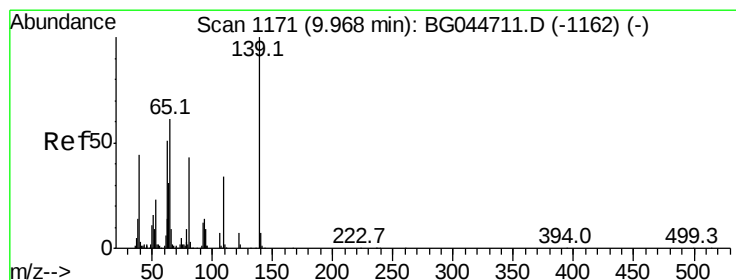
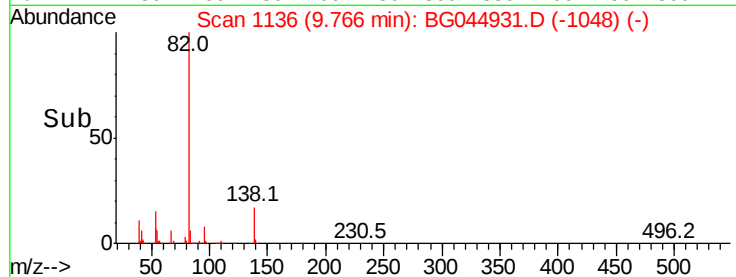
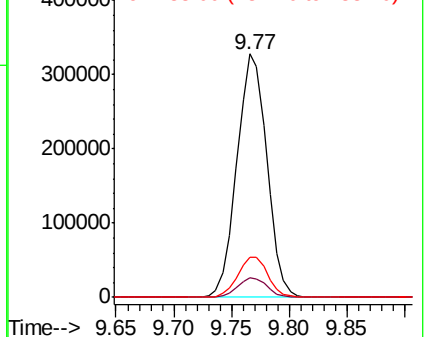
82 100

95 7.9 5.5 8.3

138 16.6 12.5 18.7



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



#26

2-Nitrophenol

Concen: 46.077 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

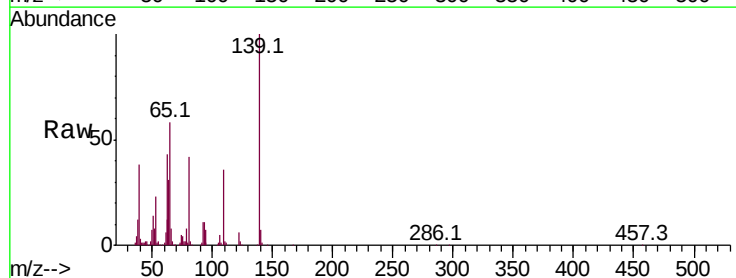
Tgt Ion: 139 Resp: 131898

Ion Ratio Lower Upper

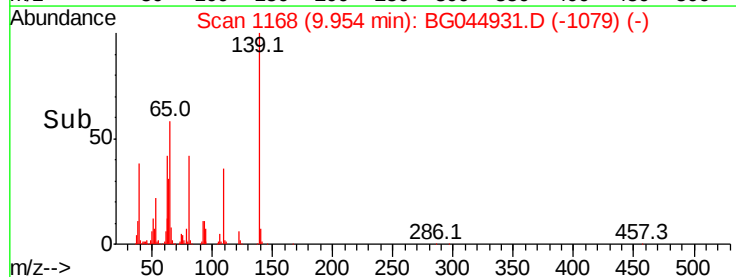
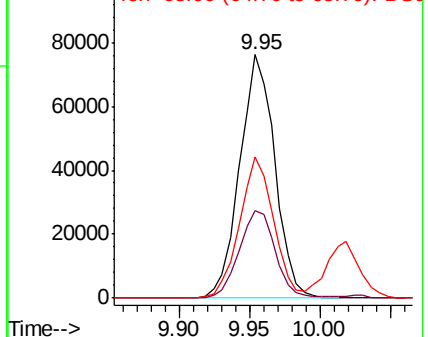
139 100

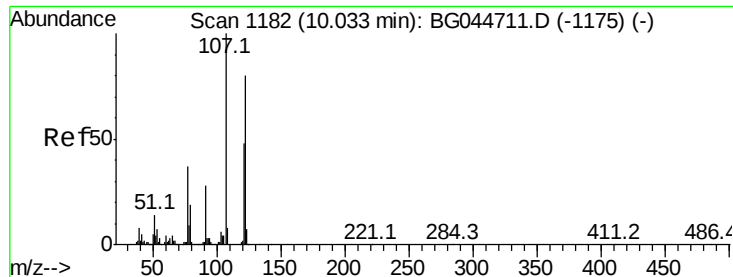
109 35.7 30.2 45.4

65 57.9 46.3 69.5



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





#27

2,4-Dimethylphenol

Concen: 46.659 ng

RT: 10.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

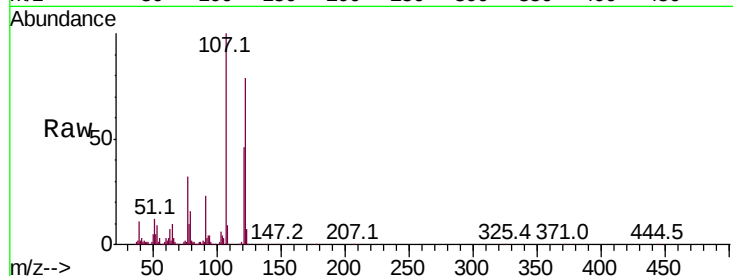
Tot Ion:122 Resp: 236946

Ion Ratio Lower Upper

122 100

107 126.3 107.1 160.7

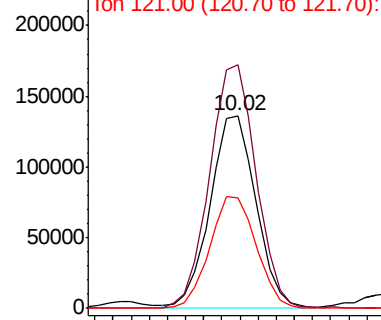
121 57.5 46.8 70.2



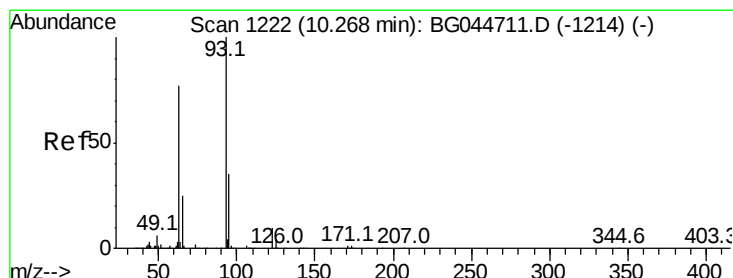
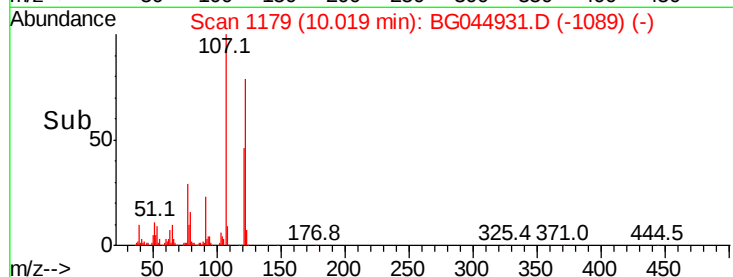
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 36.747 ng

RT: 10.25 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

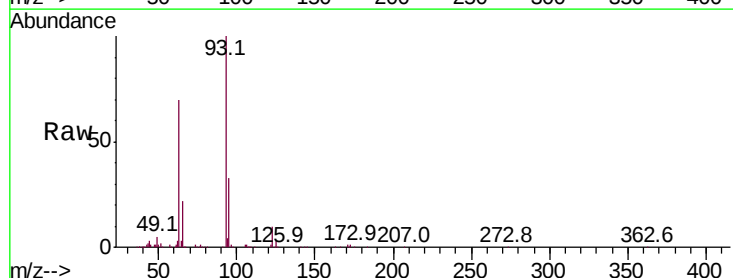
Tgt Ion: 93 Resp: 341975

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

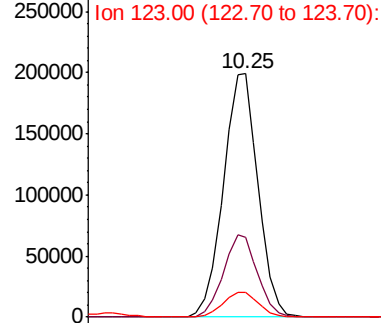
123 10.1 8.4 12.6



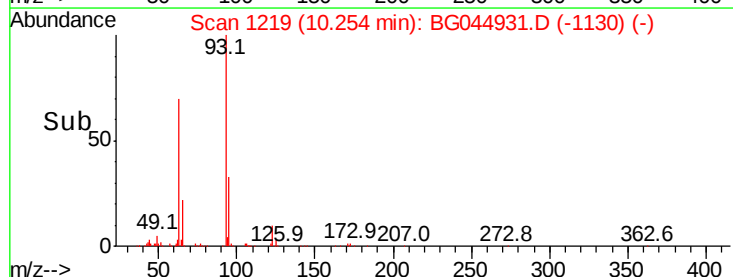
Abundance Ion 93.00 (92.70 to 93.70): BGC

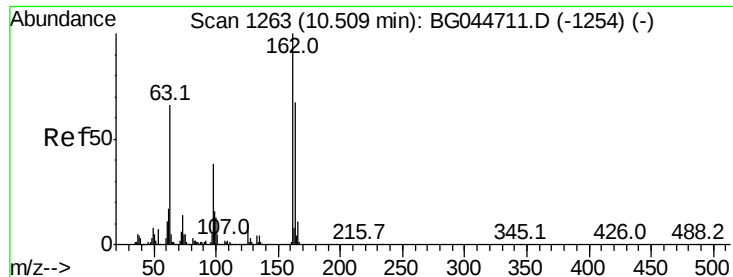
Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E



Time-->





#29

2,4-Dichlorophenol

Concen: 44.364 ng

RT: 10.49 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

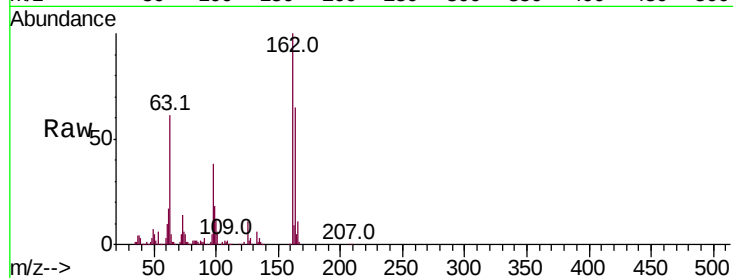
Tot Ion:162 Resp: 263141

Ion Ratio Lower Upper

162 100

164 65.1 45.2 85.2

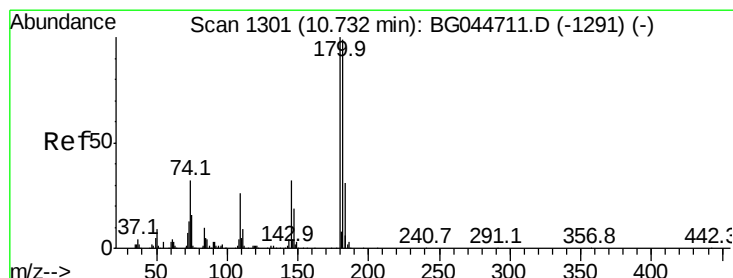
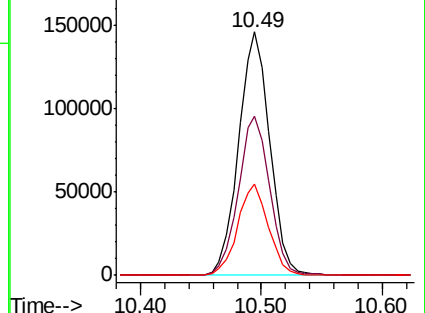
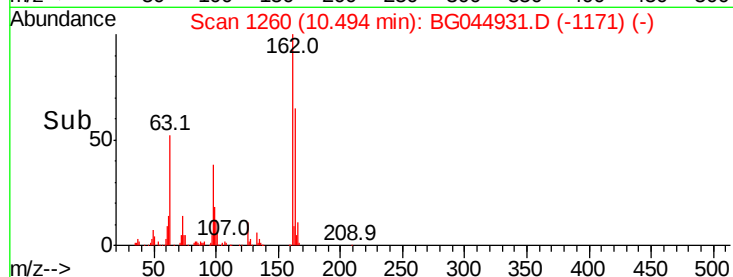
98 37.6 19.0 59.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 40.243 ng

RT: 10.71 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

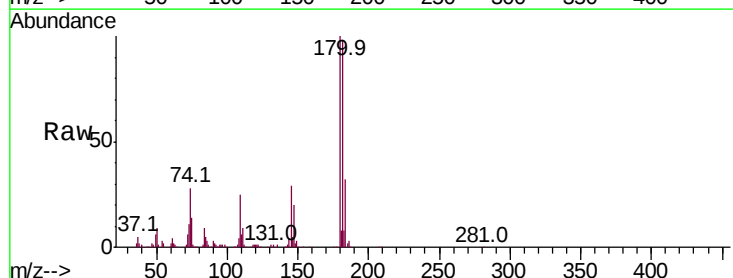
Tgt Ion:180 Resp: 285417

Ion Ratio Lower Upper

180 100

182 98.1 71.6 107.4

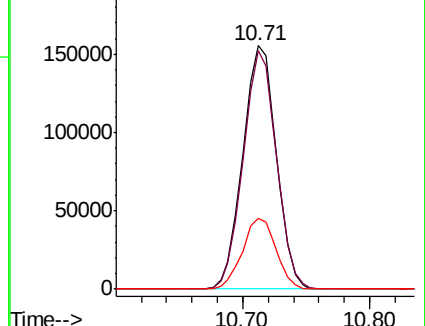
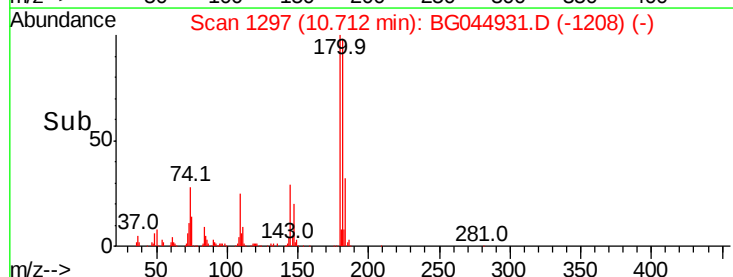
145 28.8 23.4 35.0

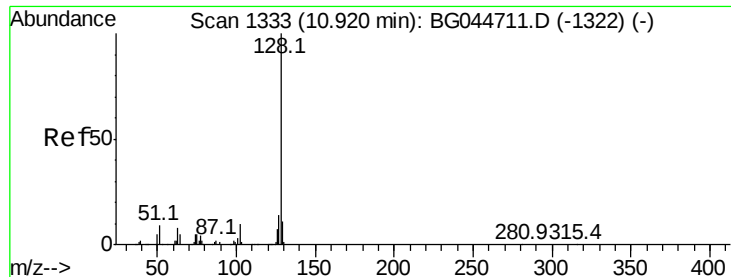


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

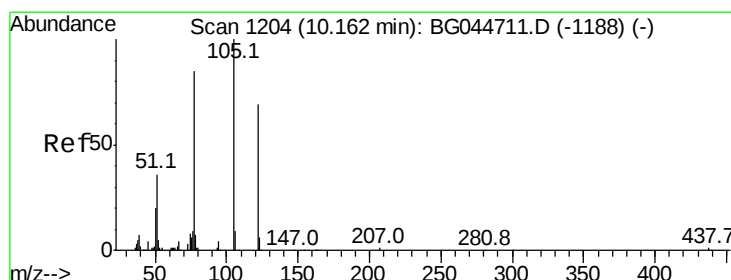
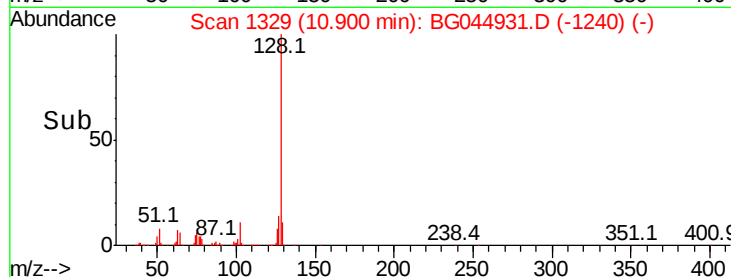
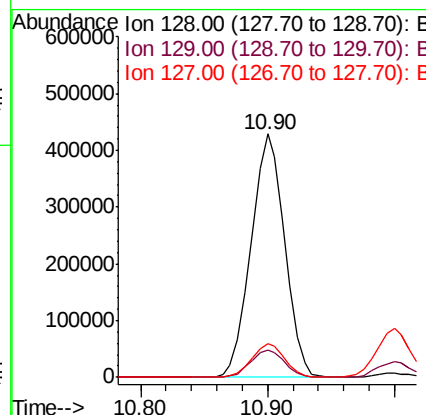
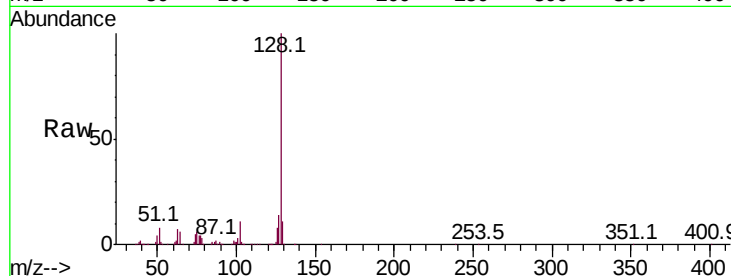




#31
Naphthalene
Concen: 40.623 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

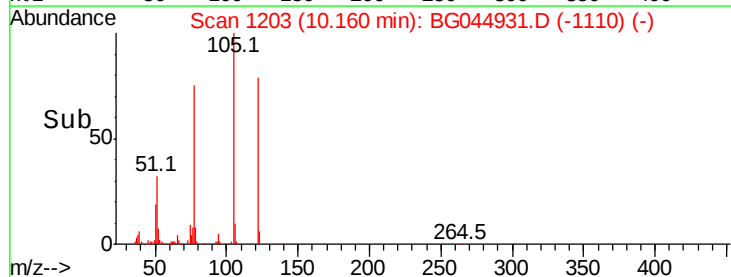
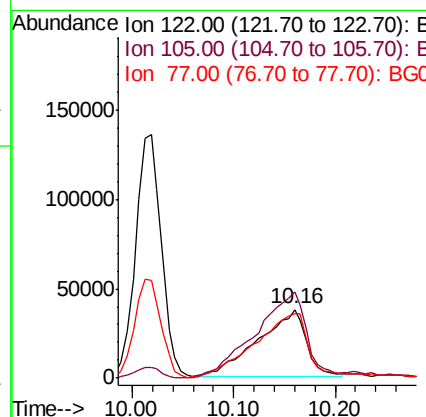
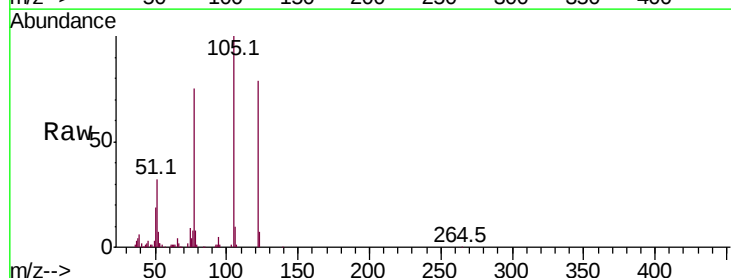
Instrument :
BNA_G
ClientSampleId :
PB127768BSD

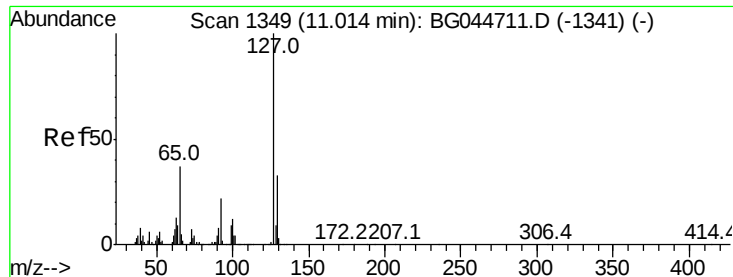
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	14.0	10.8	16.2



#32
Benzoic acid
Concen: 35.010 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	109.1	149.1
77	94.4	85.3	125.3





#33

4-Chloroaniline

Concen: 18.194 ng

RT: 11.00 min Scan# 1346

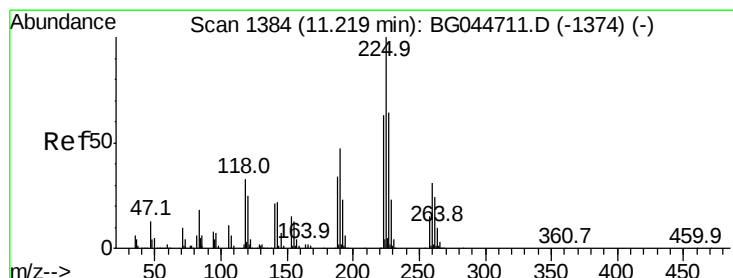
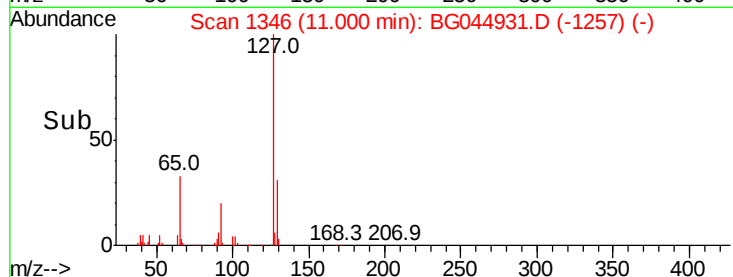
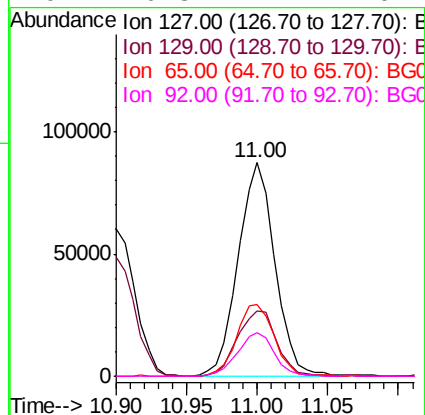
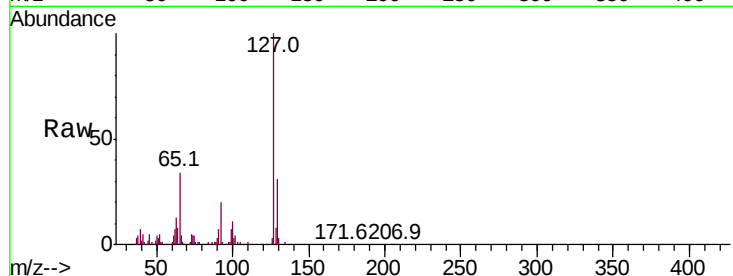
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Tot Ion:	127	Resp:	159205
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.9	40.3
65	33.6	27.7	41.5
92	20.3	17.4	26.2



#34

Hexachlorobutadiene

Concen: 40.954 ng

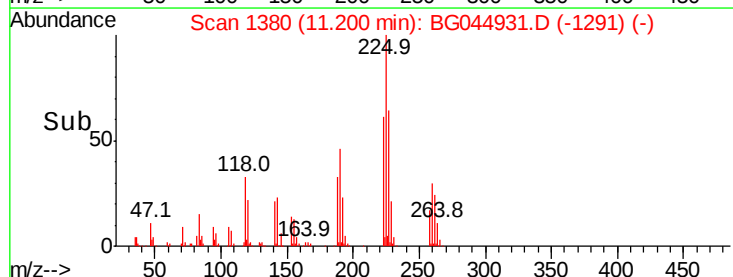
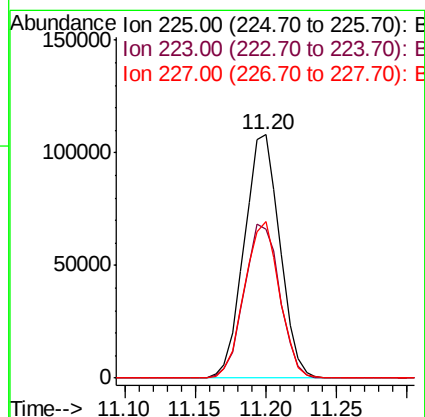
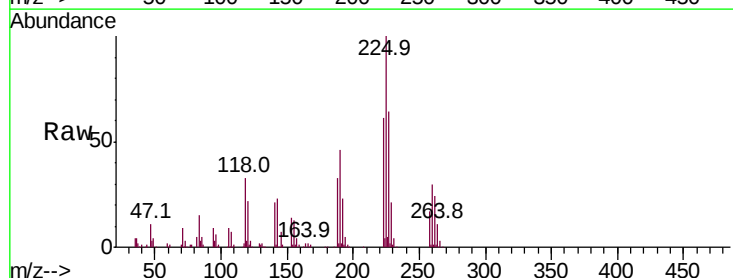
RT: 11.20 min Scan# 1380

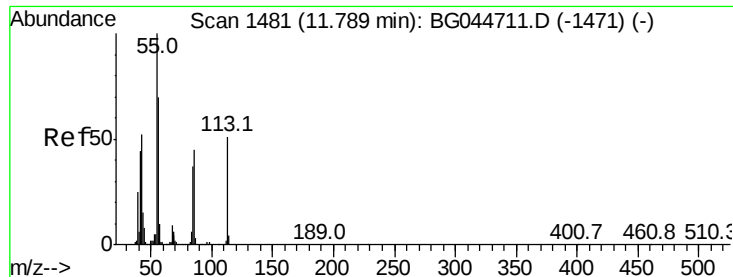
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:	225	Resp:	191012
Ion	Ratio	Lower	Upper
225	100		
223	61.2	47.4	71.0
227	64.1	50.8	76.2





#35

Caprolactam

Concen: 19.819 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

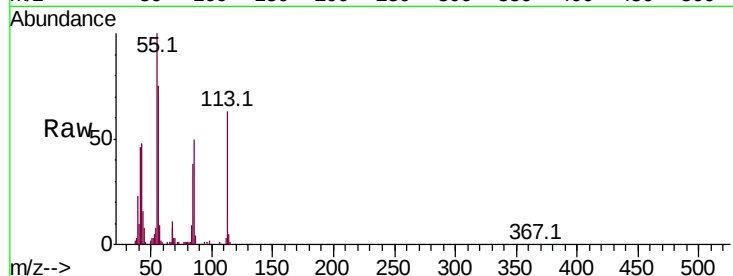
Tot Ion:113 Resp: 44508

Ion Ratio Lower Upper

113 100

55 157.7 173.8 213.8#

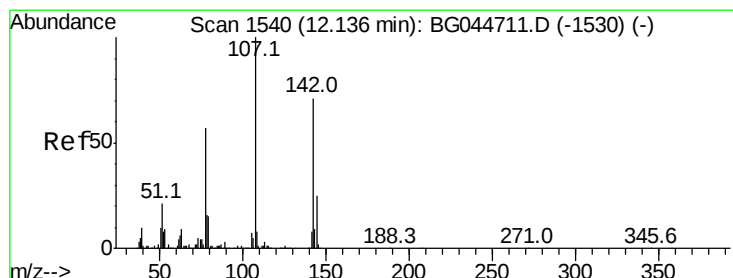
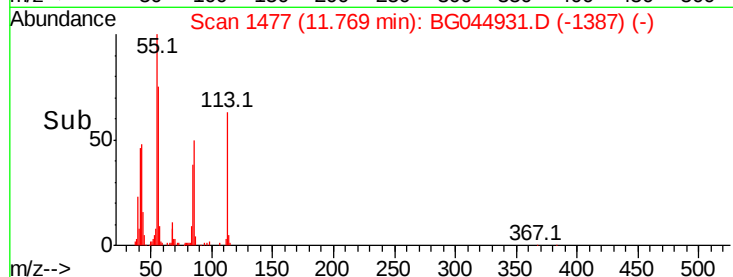
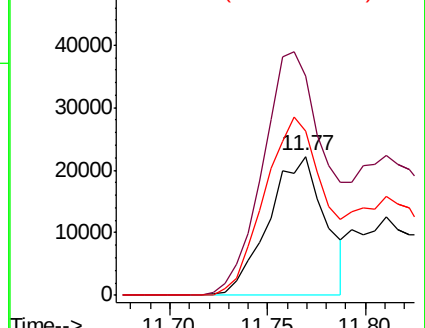
56 117.6 113.8 153.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.428 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

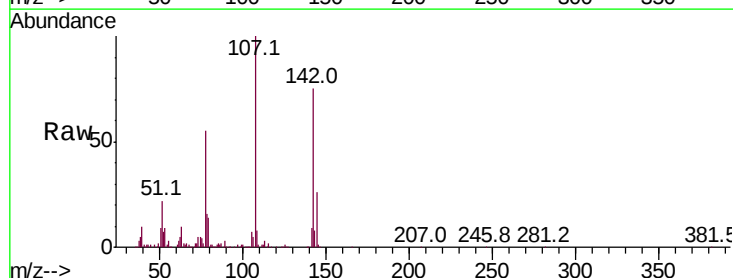
Tgt Ion:107 Resp: 293067

Ion Ratio Lower Upper

107 100

144 25.6 18.0 27.0

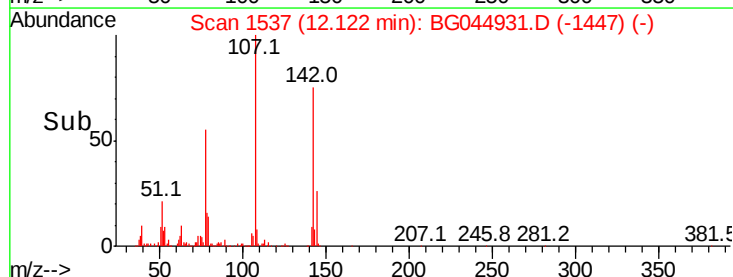
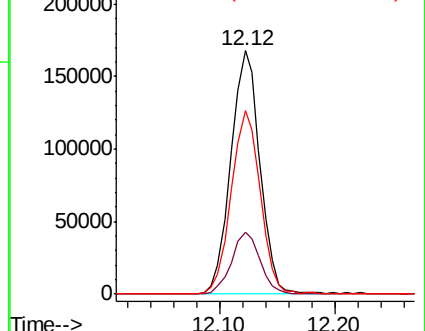
142 75.2 59.0 88.4

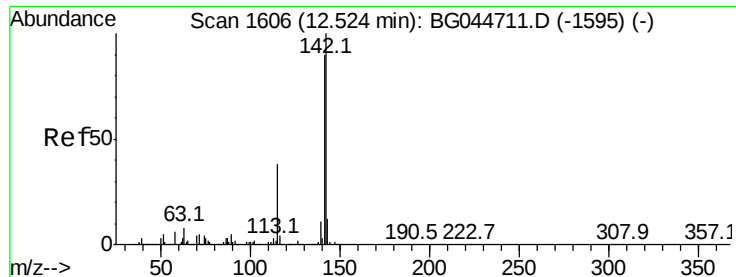


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

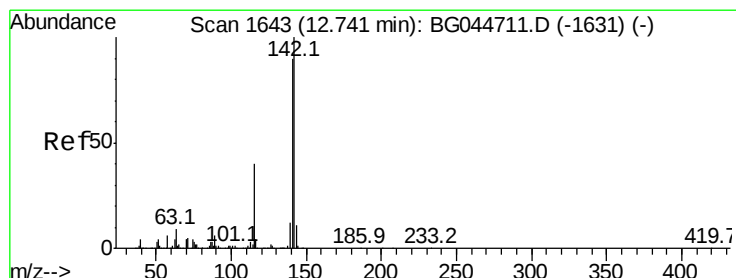
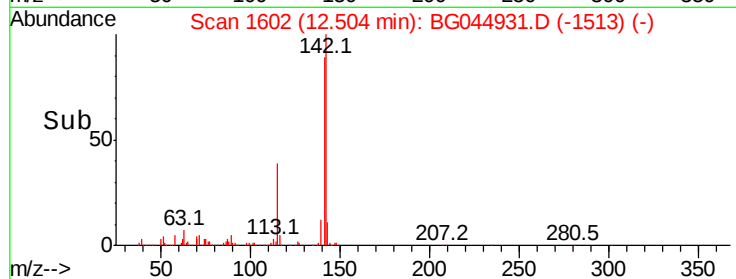
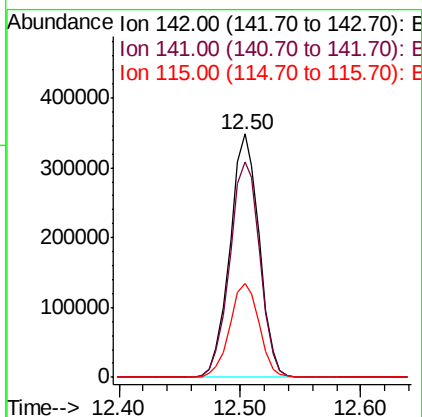
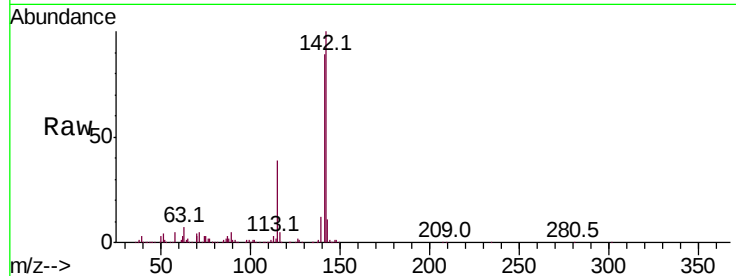




#37
 2-Methylnaphthalene
 Concen: 40.387 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

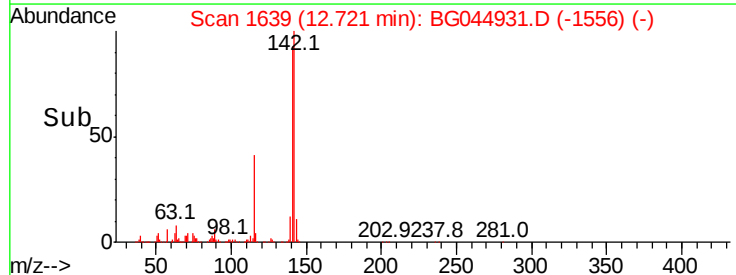
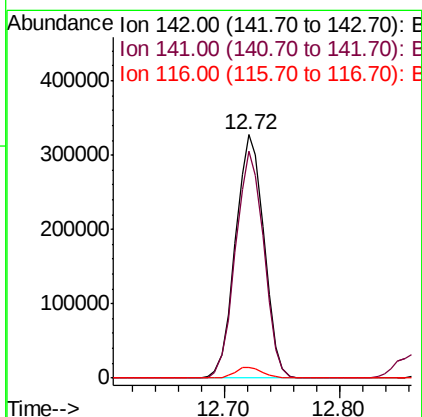
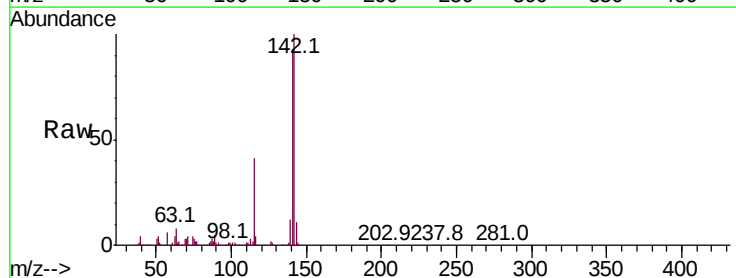
Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

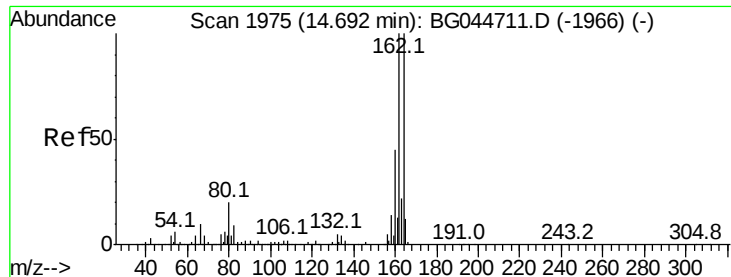
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	75.1	112.7
115	38.7	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 40.928 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.7	112.1
116	4.3	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

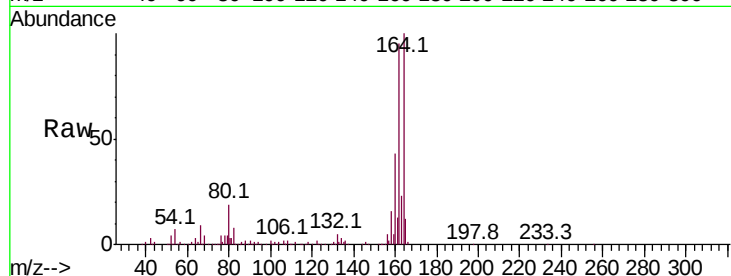
Tot Ion:164 Resp: 232876

Ion Ratio Lower Upper

164 100

162 94.9 76.7 115.1

160 42.6 35.0 52.4

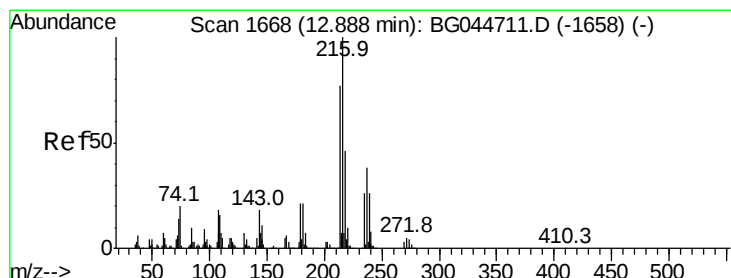
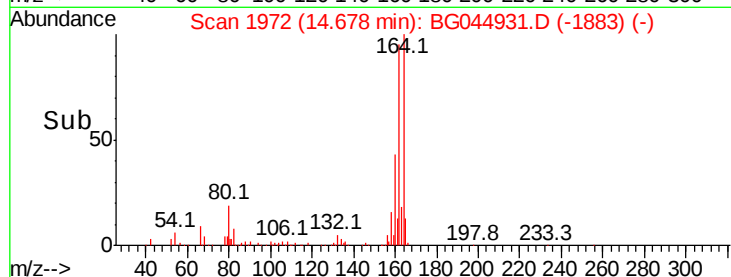
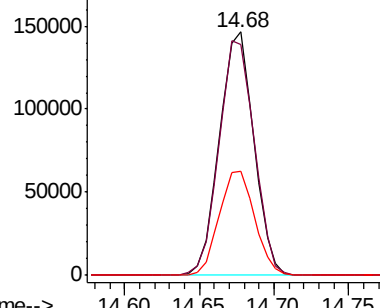


Abundance

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: 40.531 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:216 Resp: 310841

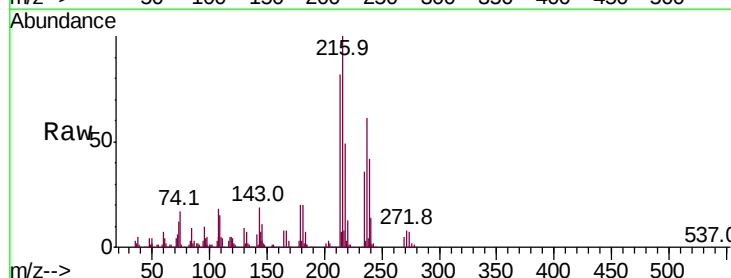
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 19.9 16.2 24.2

108 20.7 14.6 22.0



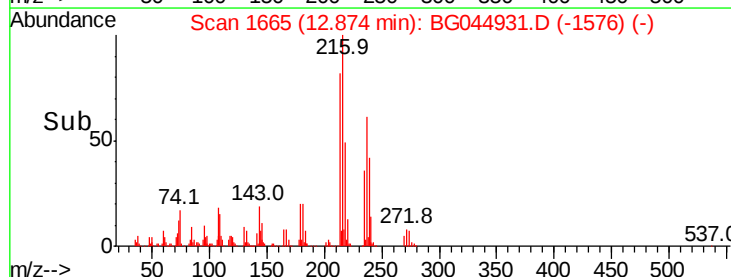
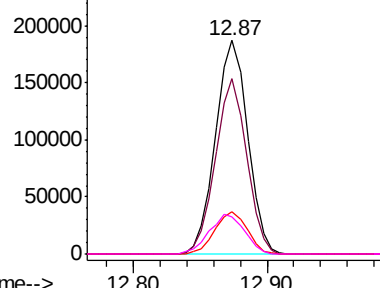
Abundance

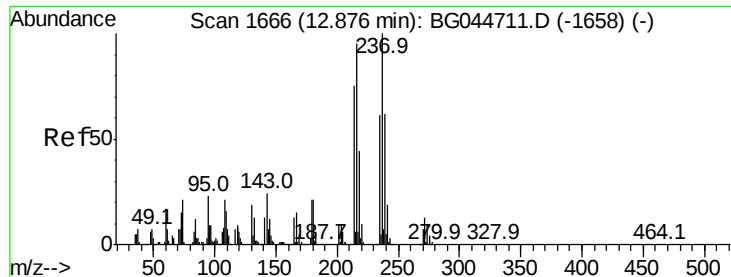
Ion 216.00 (215.70 to 216.70): E

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: 100.525 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

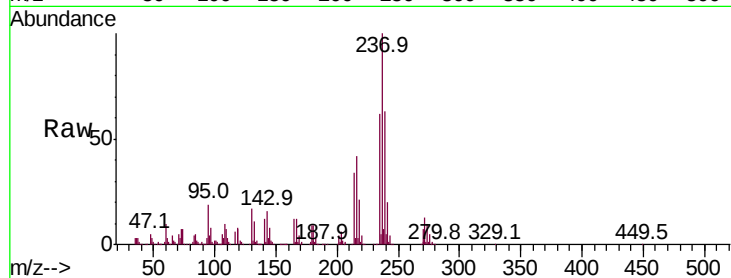
Tot Ion:237 Resp: 421333

Ion Ratio Lower Upper

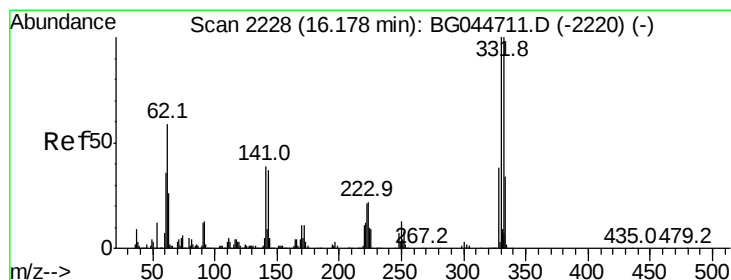
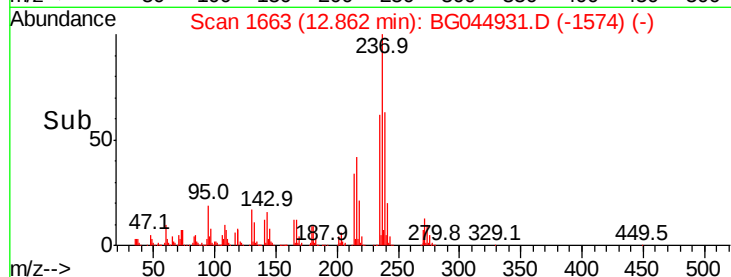
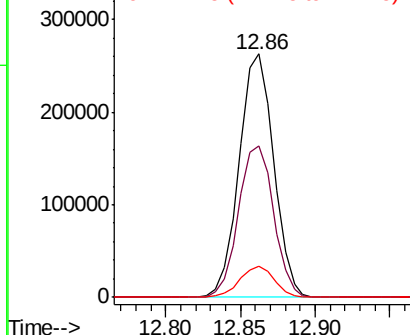
237 100

235 62.0 42.9 82.9

272 12.7 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: 127.152 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

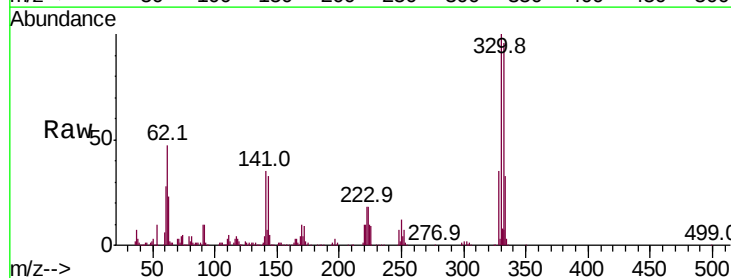
Tgt Ion:330 Resp: 387705

Ion Ratio Lower Upper

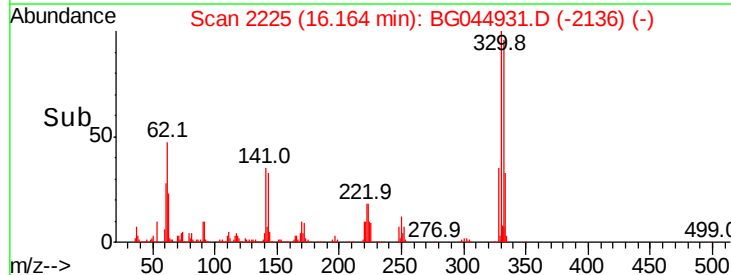
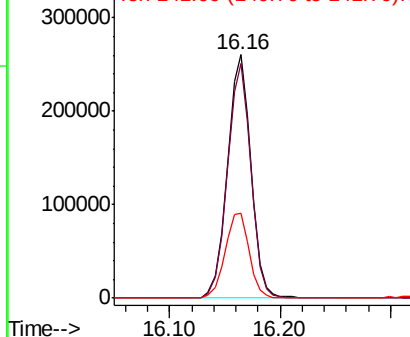
330 100

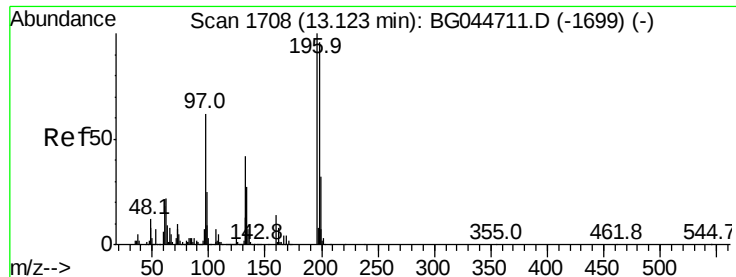
332 95.9 77.8 116.6

141 36.0 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

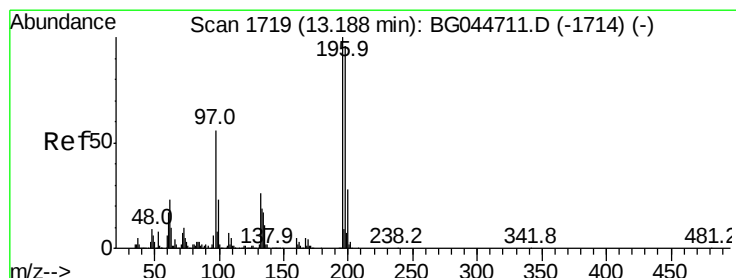
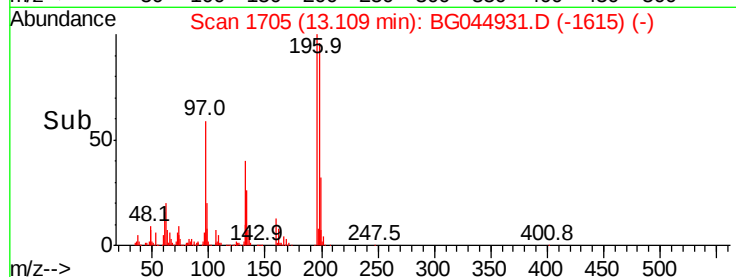
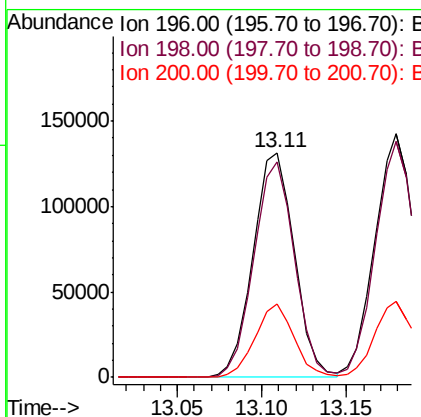
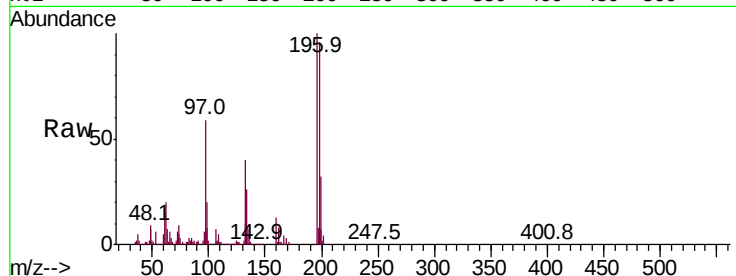




#43
 2,4,6-Trichlorophenol
 Concen: 43.930 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

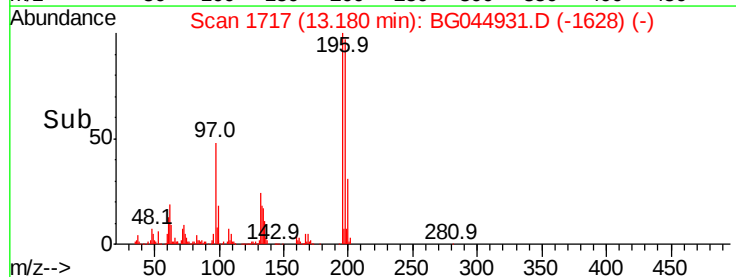
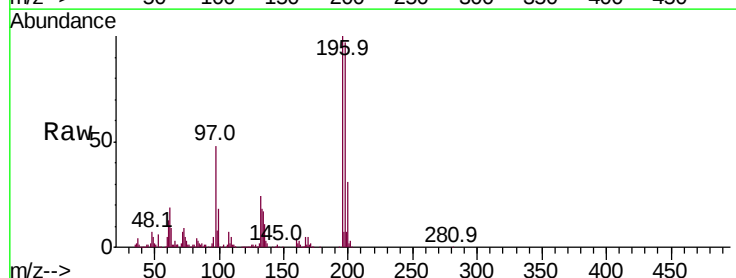
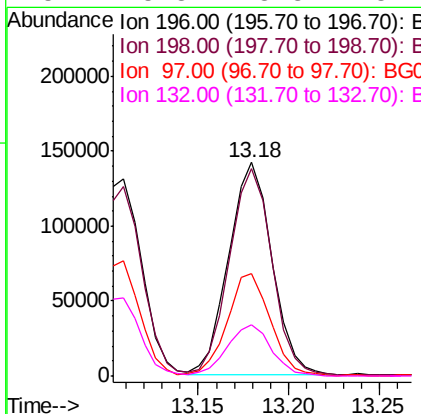
Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

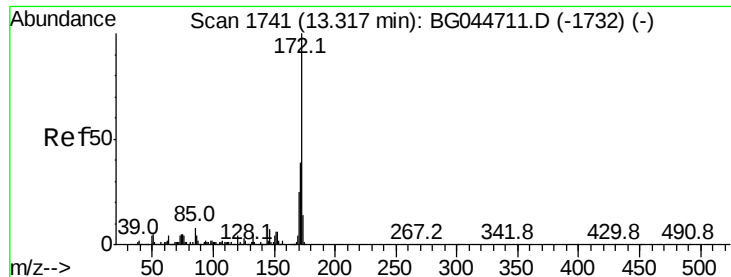
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.9	112.3
200	32.5	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.599 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.2	111.4
97	47.9	36.7	55.1
132	23.8	18.8	28.2



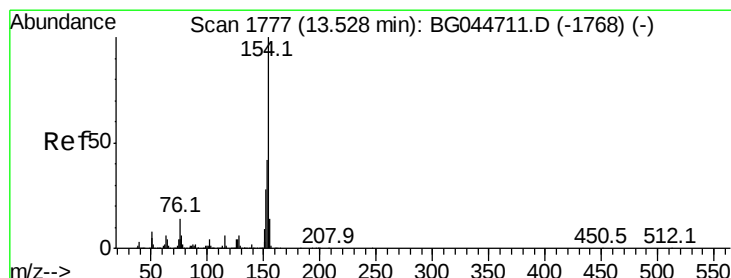
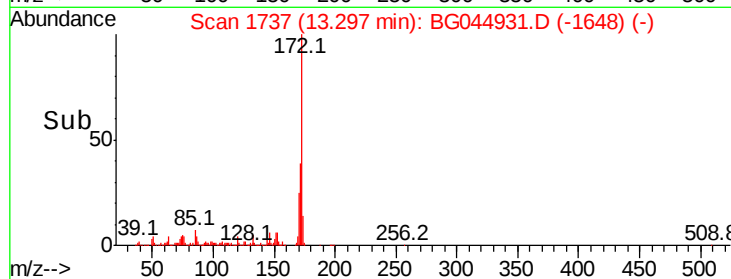
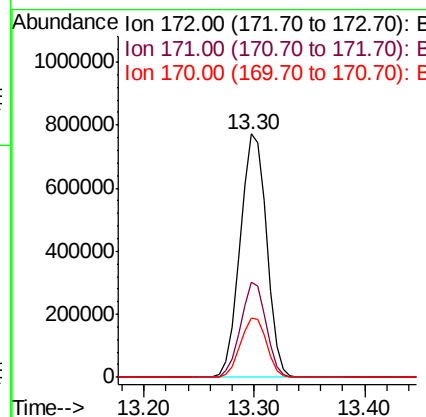
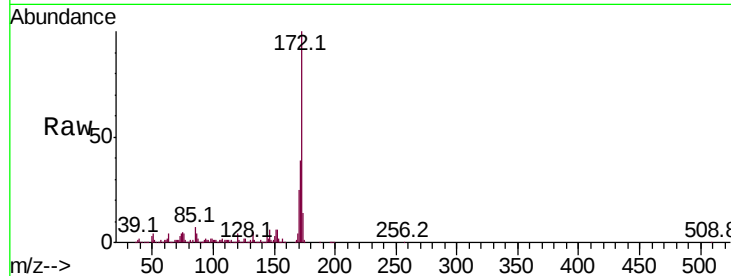


#45
 2-Fluorobiphenyl
 Concen: 79.947 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

Tot Ion:172 Resp: 1300094

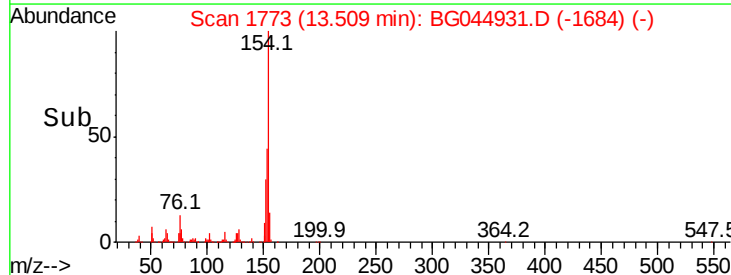
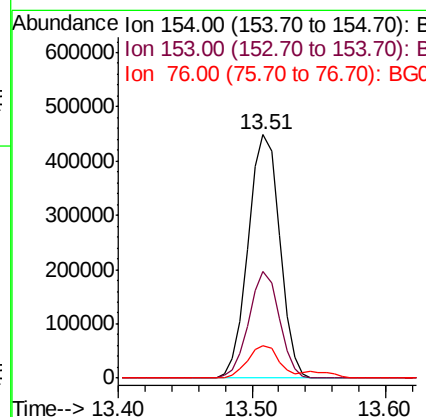
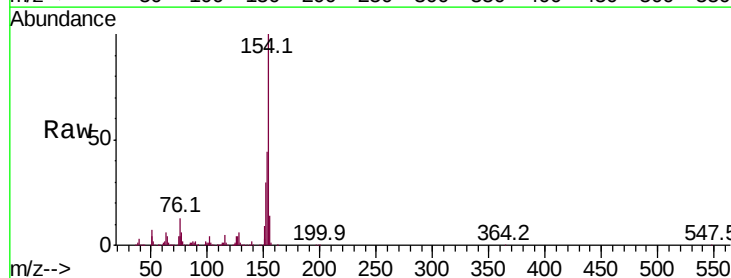
Ion	Ratio	Lower	Upper
172	100		
171	39.2	28.7	43.1
170	24.6	19.0	28.6

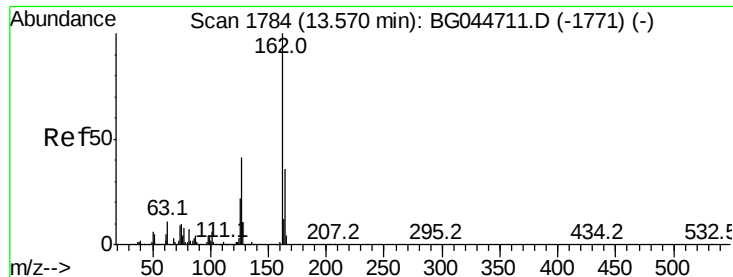


#46
 1,1'-Biphenyl
 Concen: 39.173 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Tgt Ion:154 Resp: 728988

Ion	Ratio	Lower	Upper
154	100		
153	43.8	22.9	62.9
76	13.3	0.0	34.6

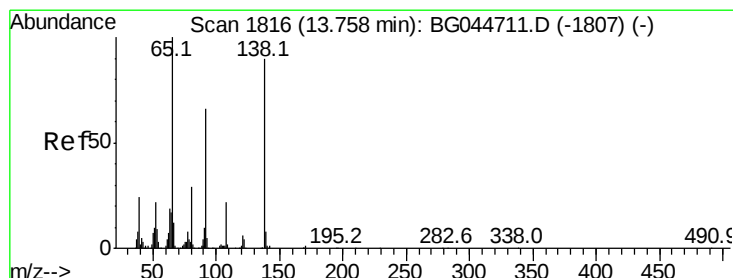
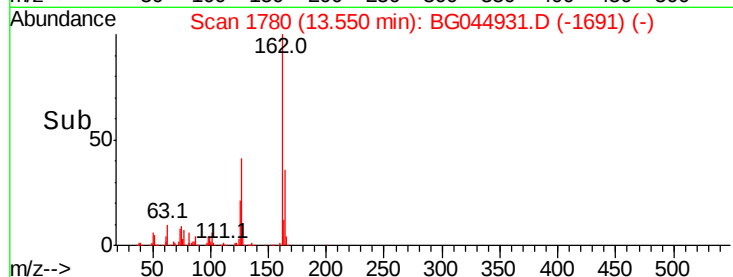
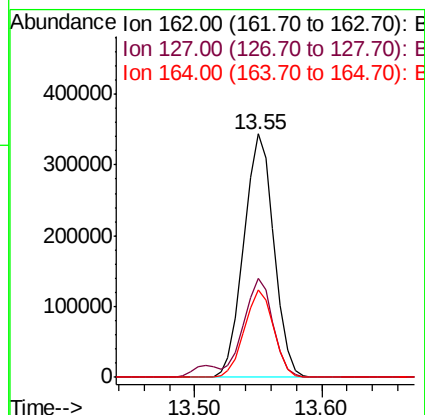
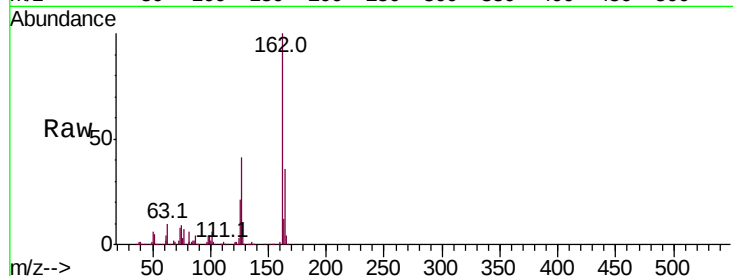




#47
2-Chloronaphthalene
Concen: 39.687 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

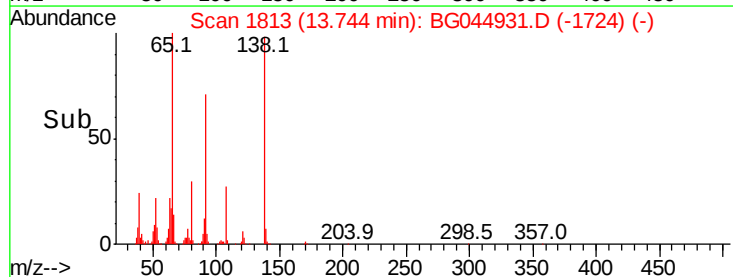
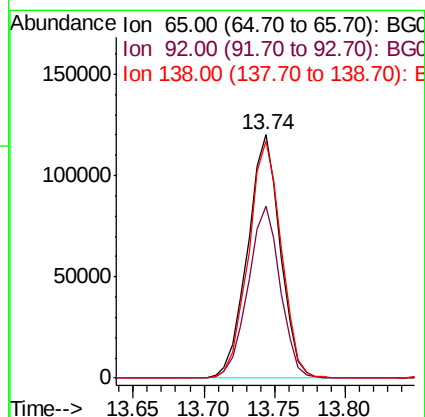
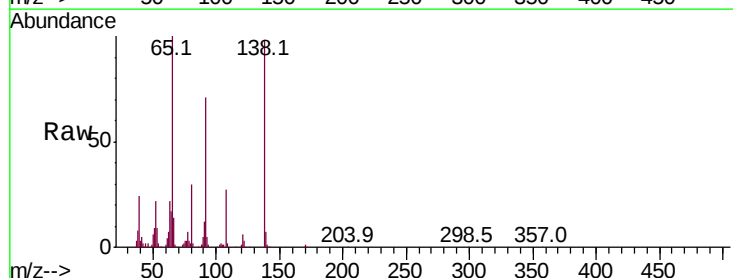
Instrument :
BNA_G
ClientSampleId :
PB127768BSD

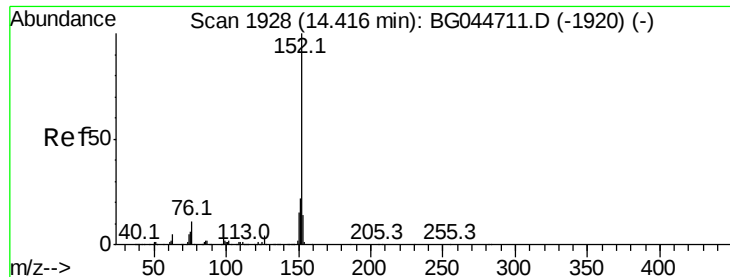
Tot Ion:162 Resp: 564203
Ion Ratio Lower Upper
162 100
127 40.8 33.1 49.7
164 35.7 27.4 41.2



#48
2-Nitroaniline
Concen: 39.034 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion: 65 Resp: 194274
Ion Ratio Lower Upper
65 100
92 70.6 52.6 79.0
138 97.7 78.3 117.5





#49

Acenaphthylene

Concen: 40.768 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

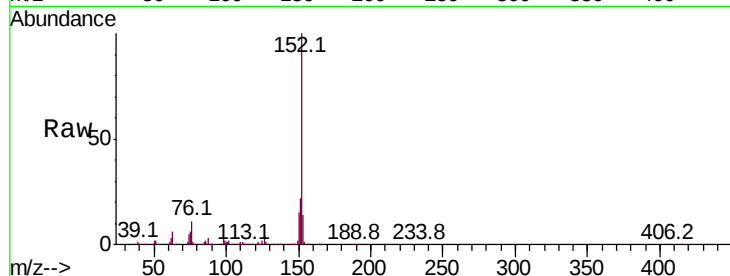
Tot Ion:152 Resp: 907982

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

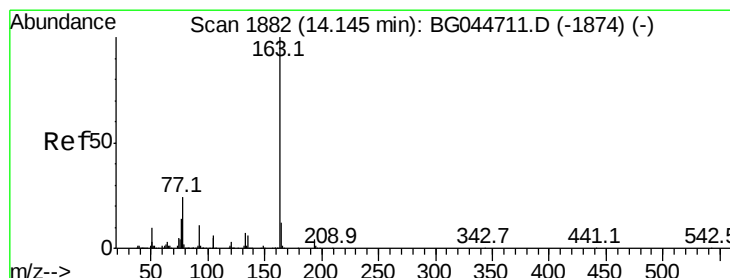
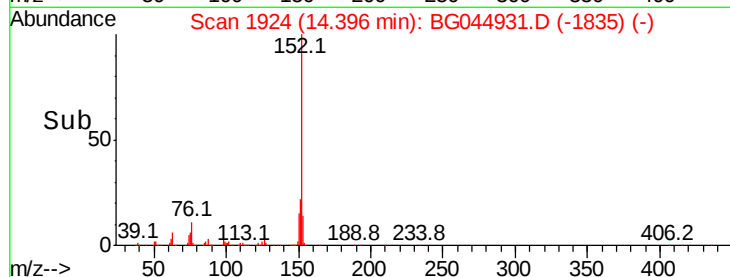
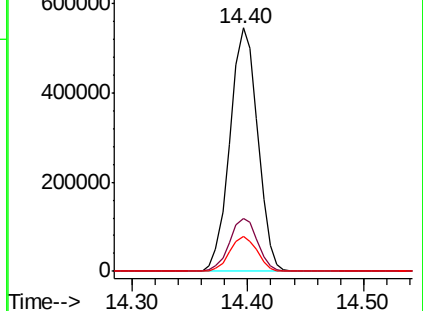
153 14.4 10.8 16.2



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: 39.962 ng

RT: 14.13 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

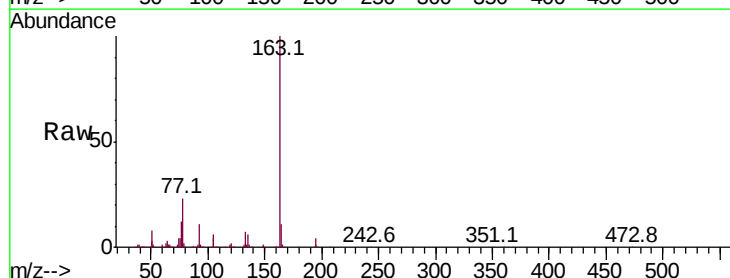
Tgt Ion:163 Resp: 741187

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

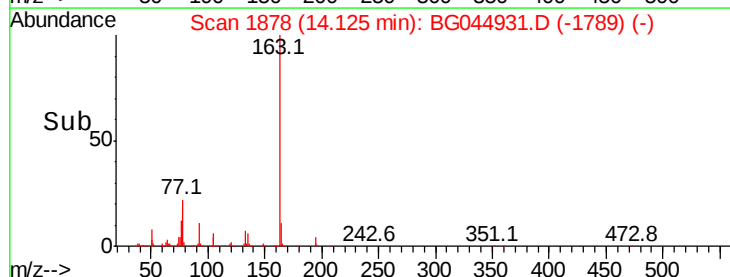
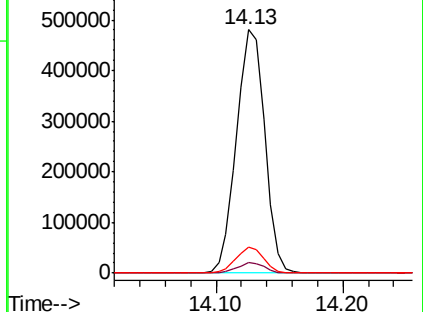
164 10.9 9.1 13.7

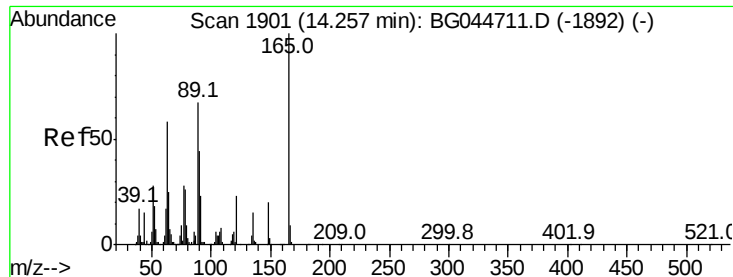


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.446 ng

RT: 14.24 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

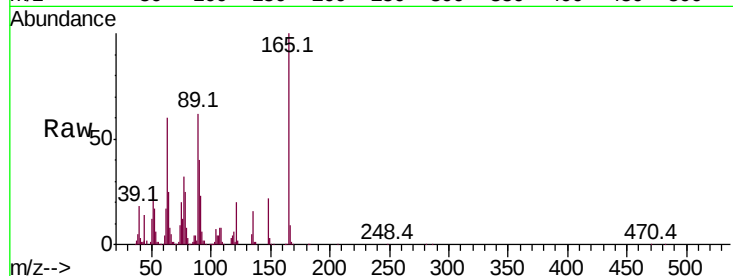
Tot Ion:165 Resp: 169906

Ion Ratio Lower Upper

165 100

63 59.8 45.8 68.8

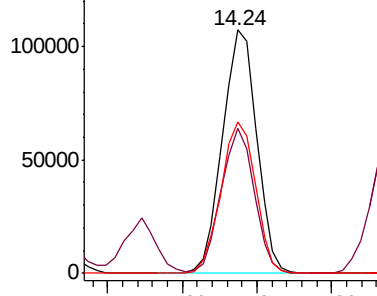
89 62.4 51.8 77.6



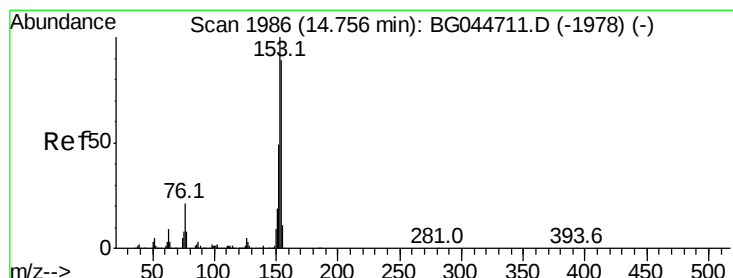
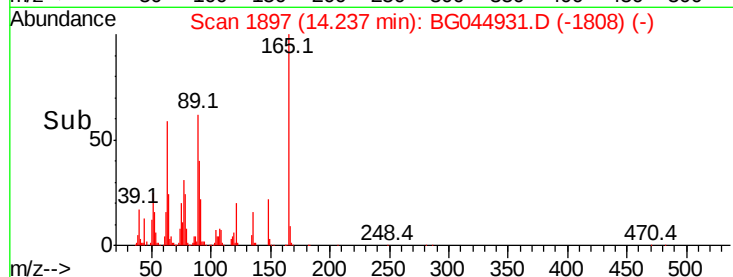
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



Time-->



#52

Acenaphthene

Concen: 44.390 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

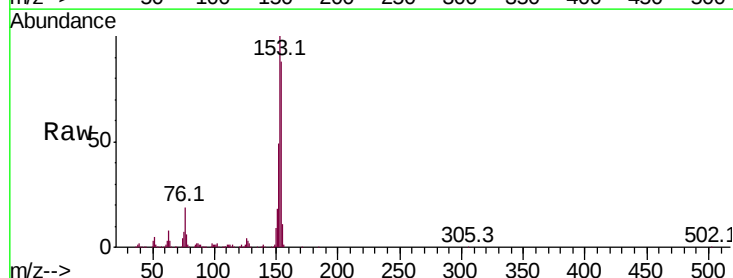
Tgt Ion:154 Resp: 647465

Ion Ratio Lower Upper

154 100

153 114.1 89.0 133.6

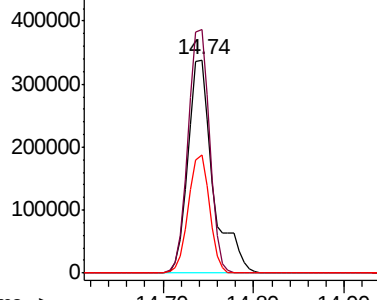
152 55.6 43.0 64.6



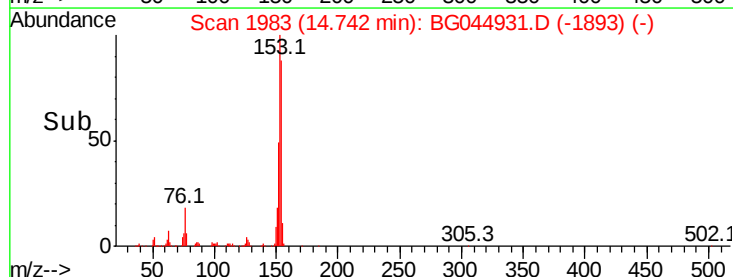
Abundance Ion 154.00 (153.70 to 154.70): E

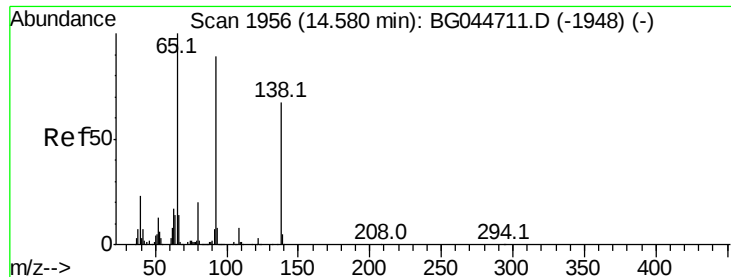
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





#53

3-Nitroaniline

Concen: 23.795 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

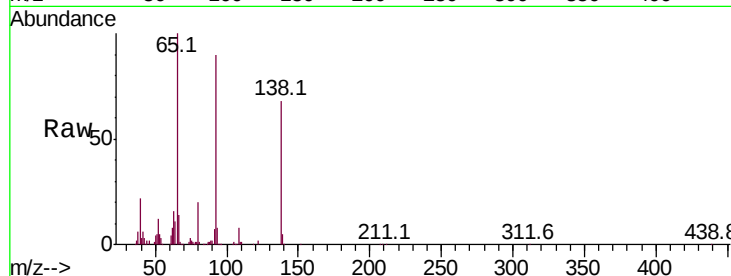
Tot Ion:138 Resp: 102278

Ion Ratio Lower Upper

138 100

108 11.3 9.0 13.4

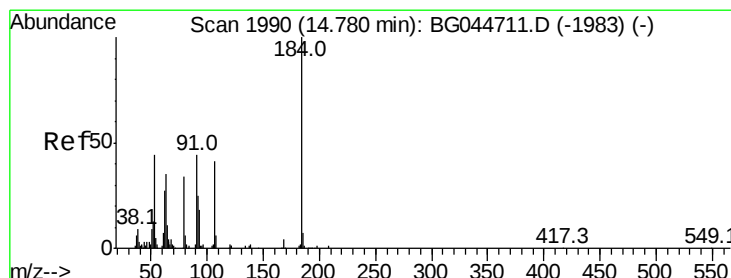
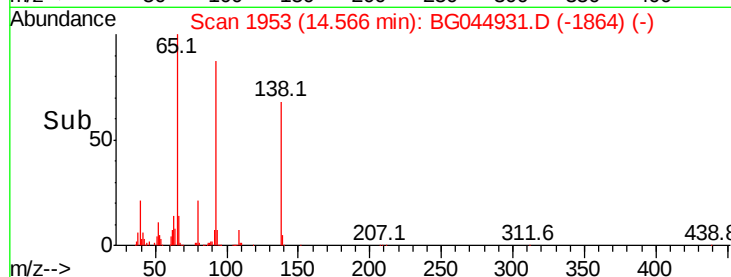
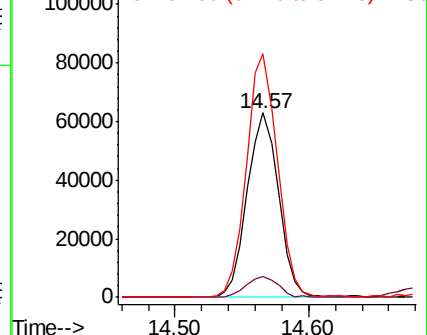
92 132.0 96.8 145.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 85.235 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

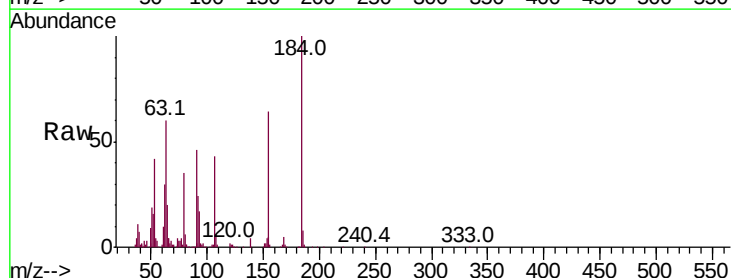
Tgt Ion:184 Resp: 167705

Ion Ratio Lower Upper

184 100

63 59.7 45.5 68.3

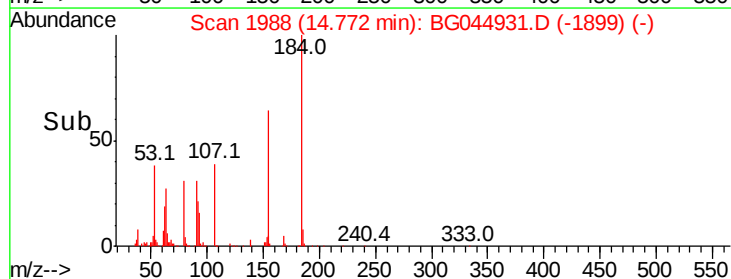
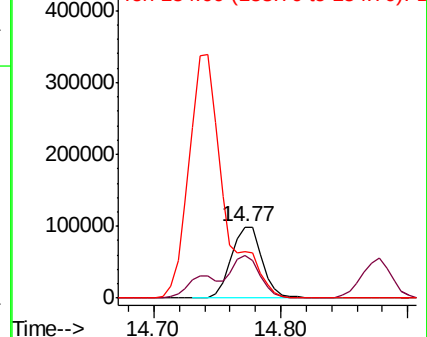
154 64.3 49.1 73.7

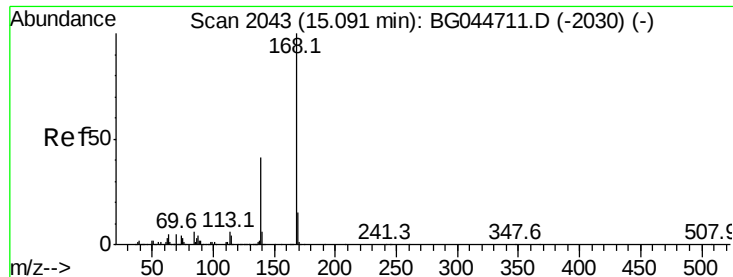


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.050 ng

RT: 15.07 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

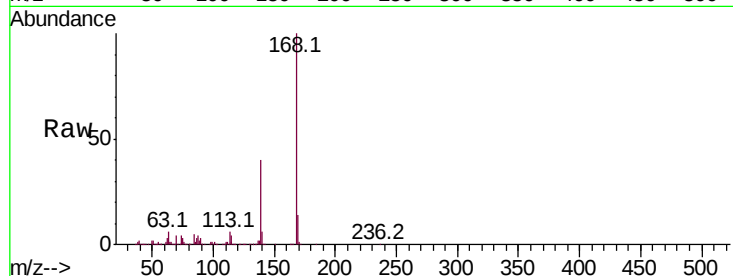
Tot Ion:168 Resp: 868265

Ion Ratio Lower Upper

168 100

139 40.1 31.4 47.0

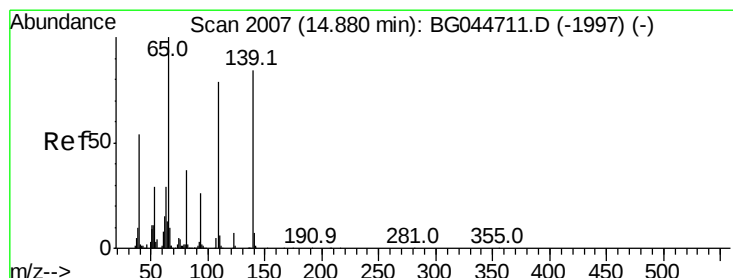
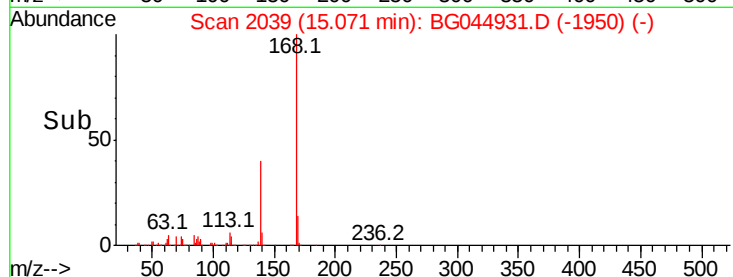
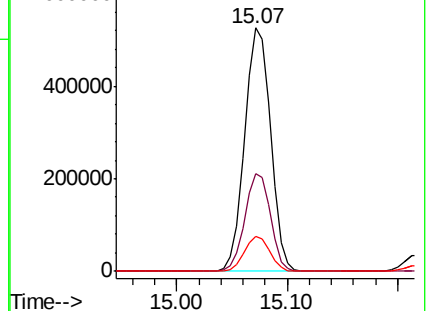
169 14.3 11.1 16.7



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: 84.343 ng

RT: 14.88 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

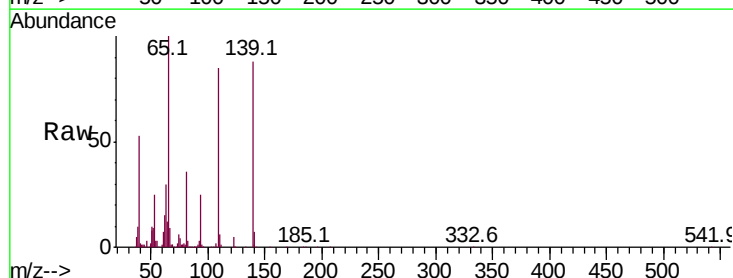
Tgt Ion:139 Resp: 276675

Ion Ratio Lower Upper

139 100

109 97.1 68.8 108.8

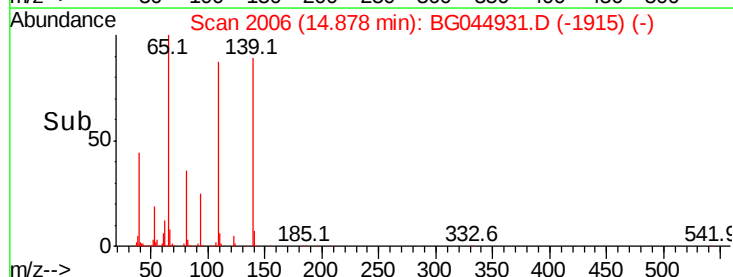
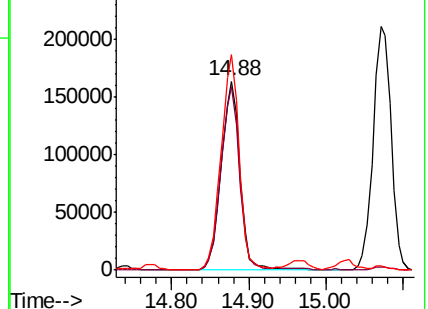
65 113.9 92.5 132.5

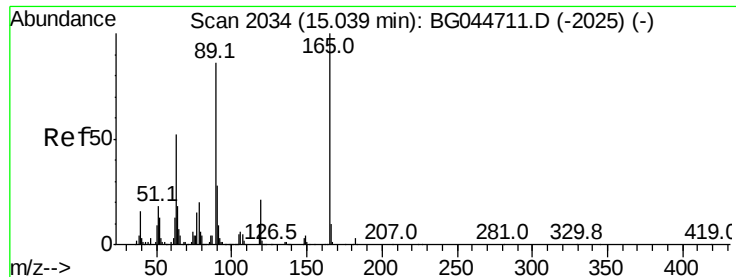


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

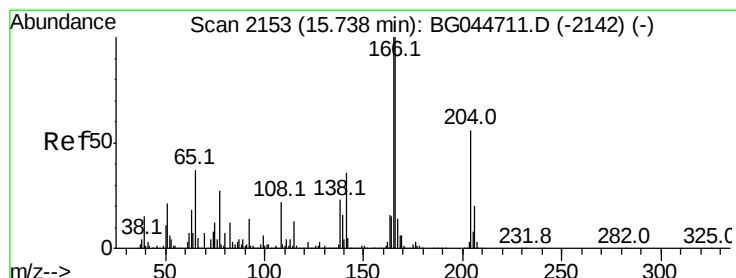
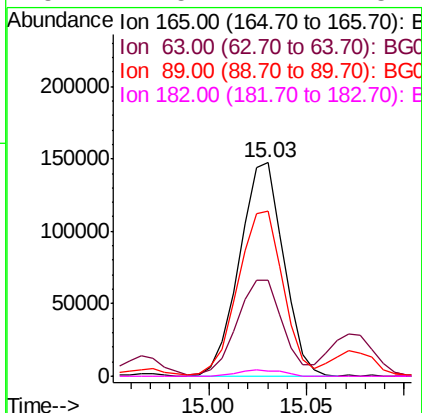
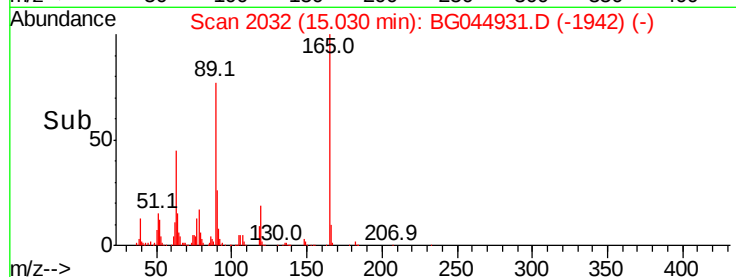
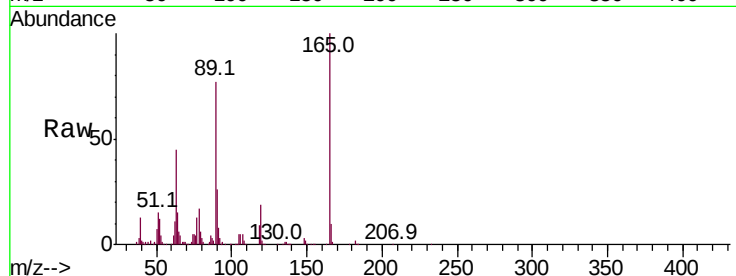




#57
2,4-Dinitrotoluene
Concen: 44.924 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

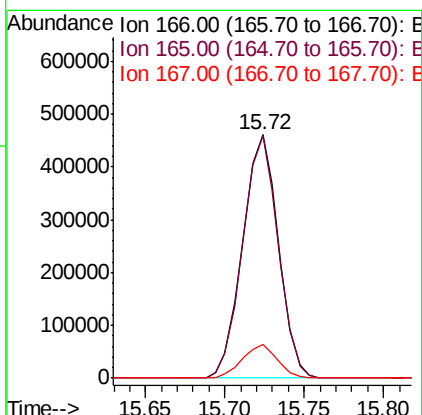
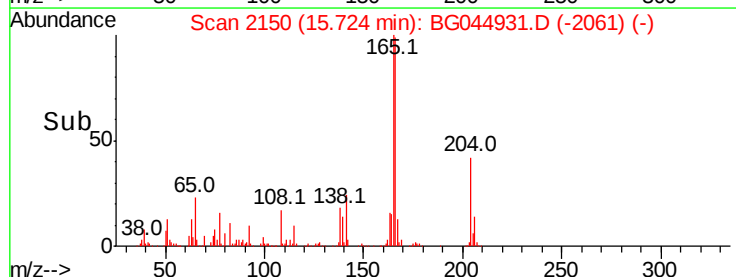
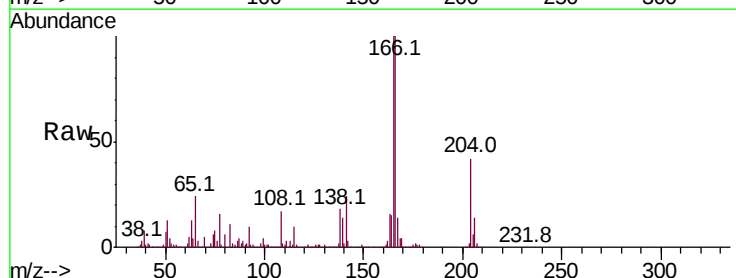
Instrument :
BNA_G
ClientSampleId :
PB127768BSD

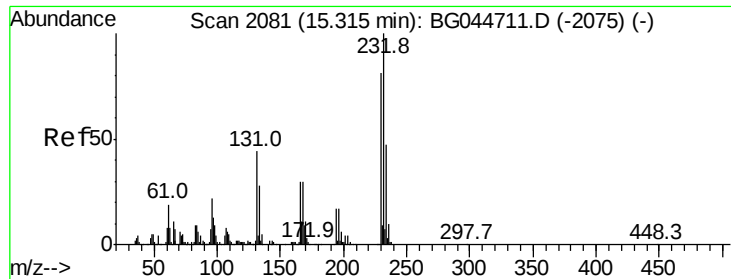
Tot Ion:165 Resp: 230342
Ion Ratio Lower Upper
165 100
63 44.8 34.6 52.0
89 77.3 61.3 91.9
182 2.5 2.2 3.2



#58
Fluorene
Concen: 41.517 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion:166 Resp: 722381
Ion Ratio Lower Upper
166 100
165 99.5 79.7 119.5
167 14.1 10.6 16.0

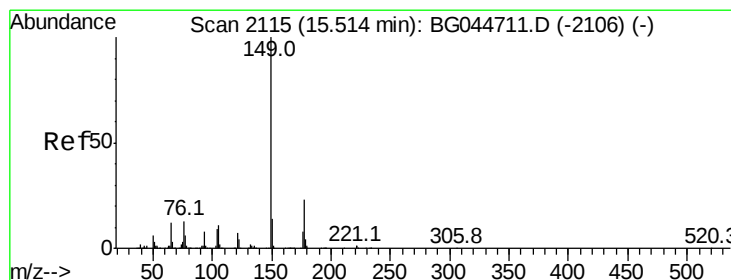
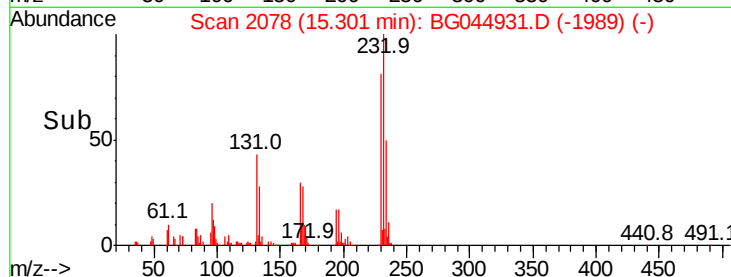
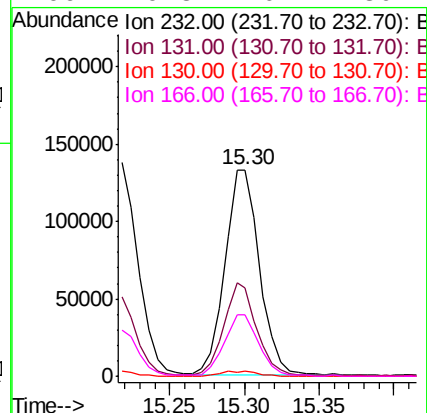
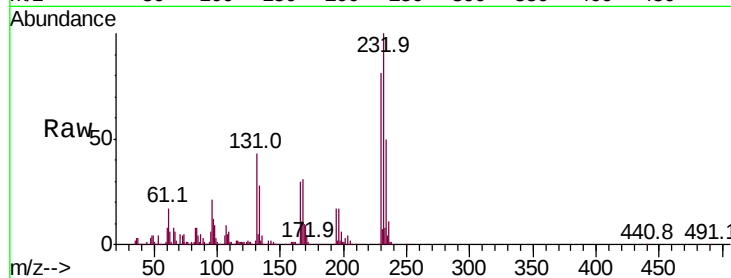




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.106 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

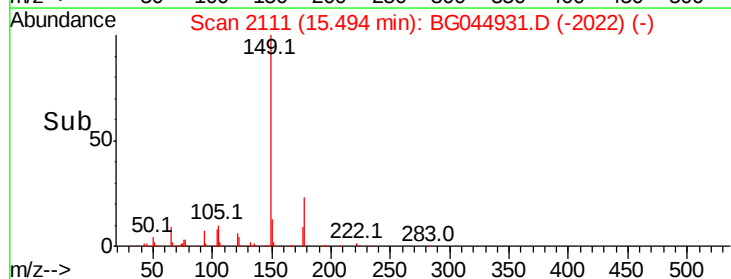
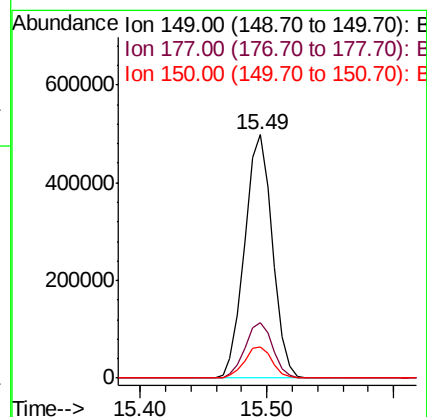
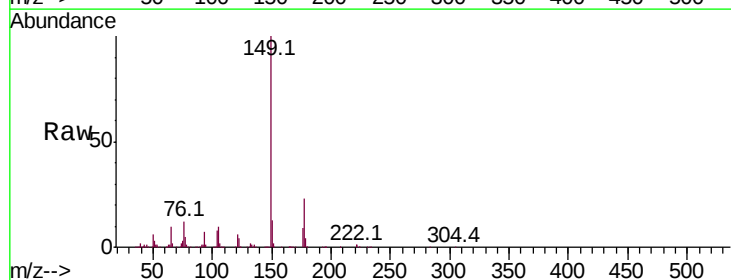
Instrument :
BNA_G
ClientSampleId :
PB127768BSD

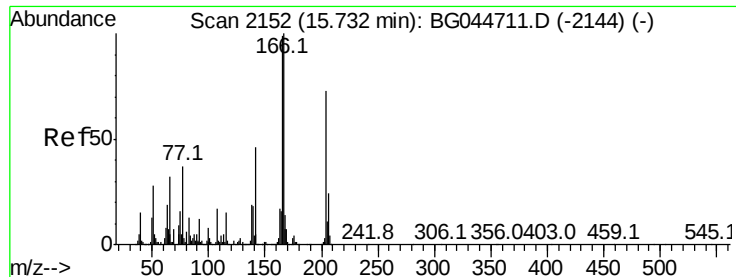
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	31.8	47.8
130	2.6	2.2	3.2
166	29.8	20.2	30.2



#60
Diethylphthalate
Concen: 38.908 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.3	28.9
150	12.8	11.0	16.6

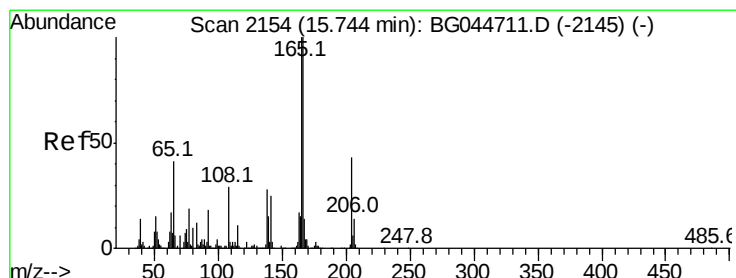
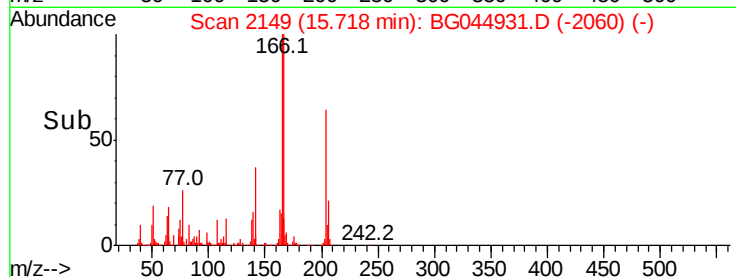
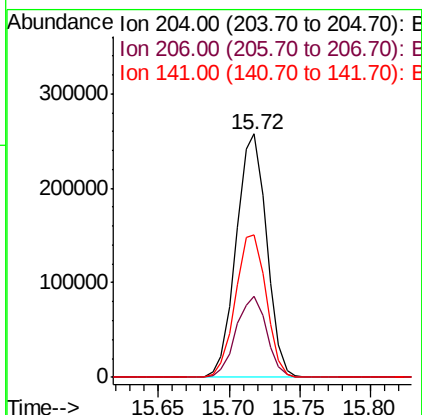
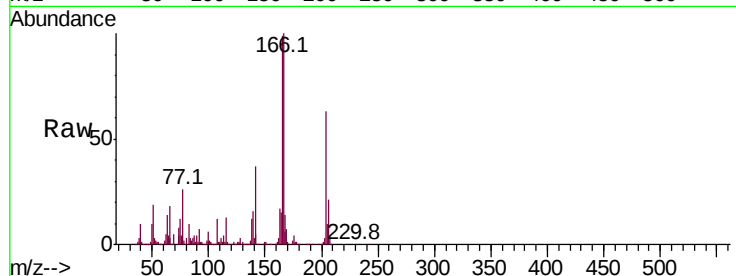




#61
4-Chlorophenyl-phenylether
Concen: 41.391 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

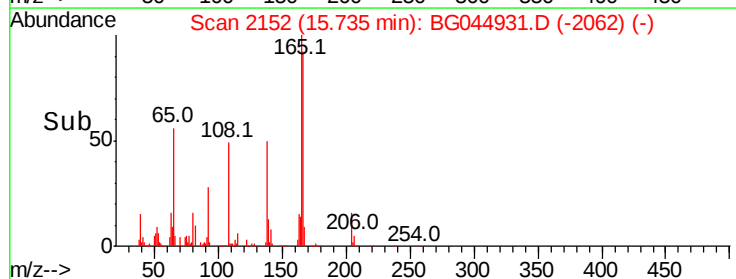
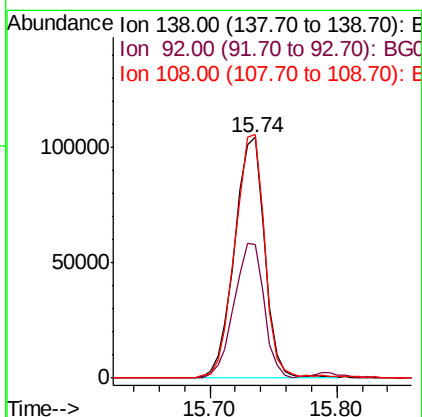
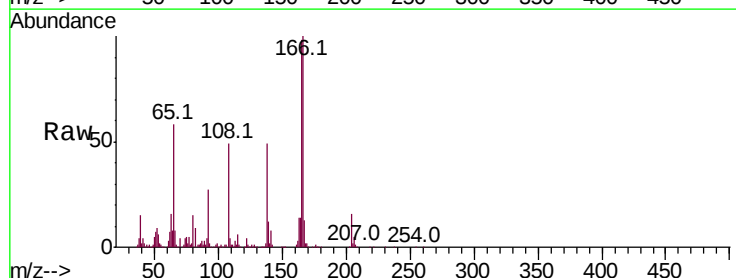
Instrument :
BNA_G
ClientSampleId :
PB127768BSD

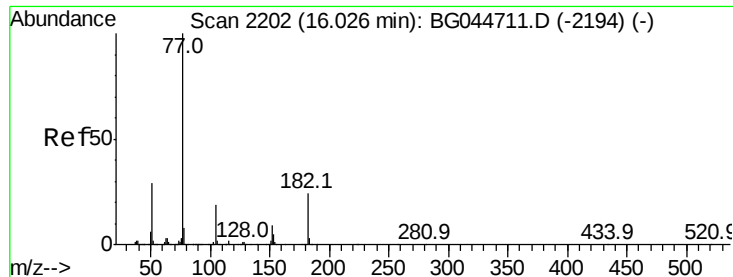
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	58.5	47.7	71.5



#62
4-Nitroaniline
Concen: 37.565 ng
RT: 15.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	34.5	74.5
108	101.1	74.5	114.5





#63

Azobenzene

Concen: 37.813 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

Tot Ion: 77 Resp: 759628

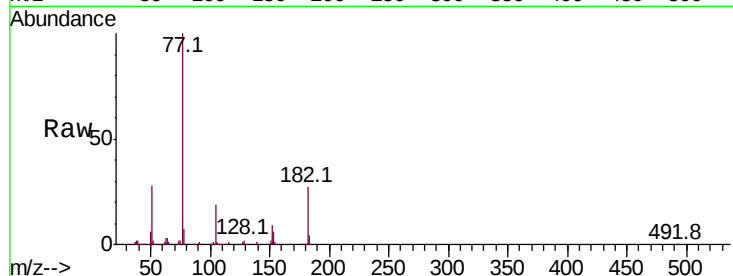
Ion Ratio Lower Upper

77 100

182 27.1 6.4 46.4

105 19.4 0.0 39.1

51 28.2 7.3 47.3

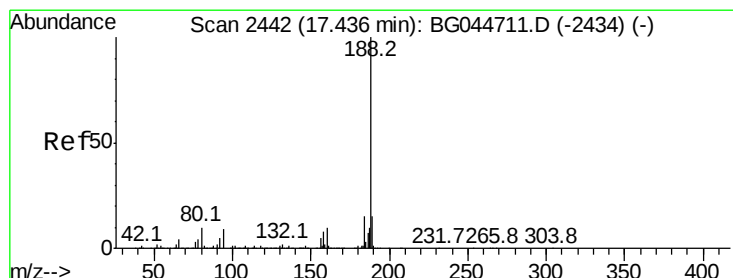
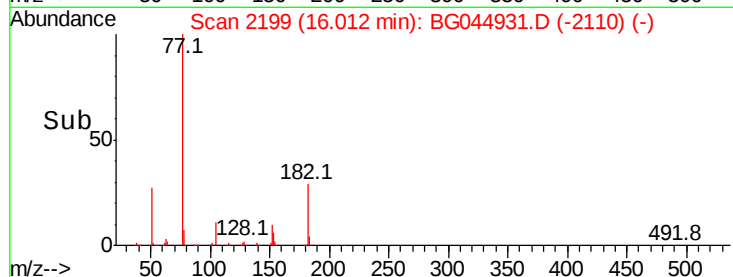
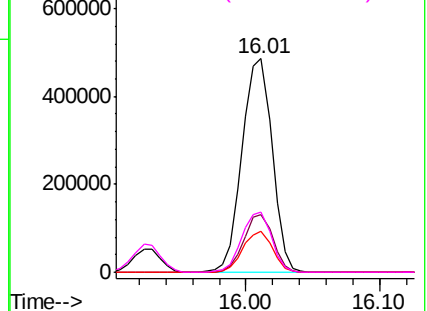


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

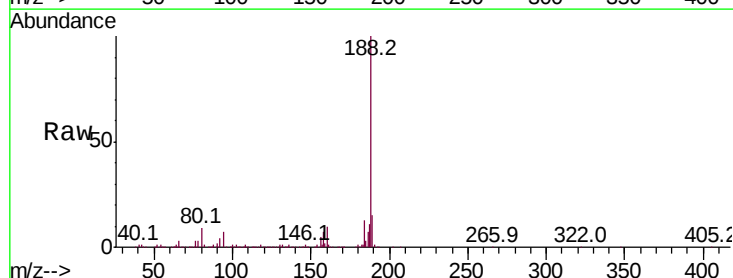
Tgt Ion: 188 Resp: 528918

Ion Ratio Lower Upper

188 100

94 7.0 7.3 10.9#

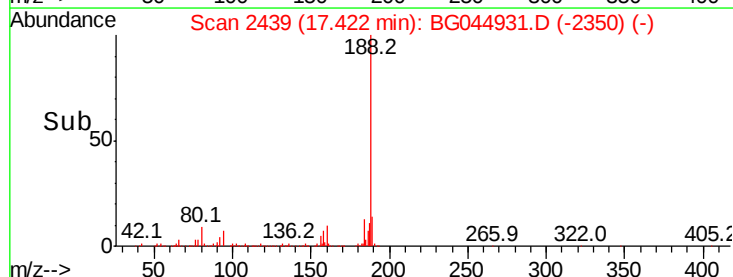
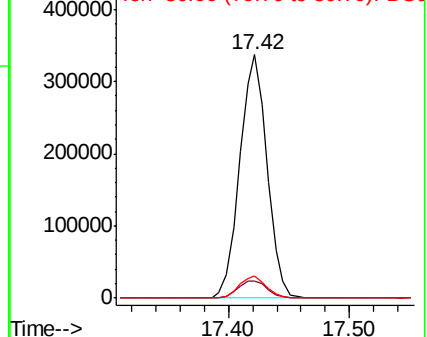
80 9.1 8.0 12.0

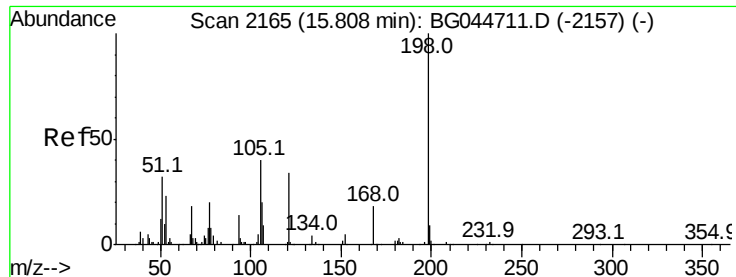


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

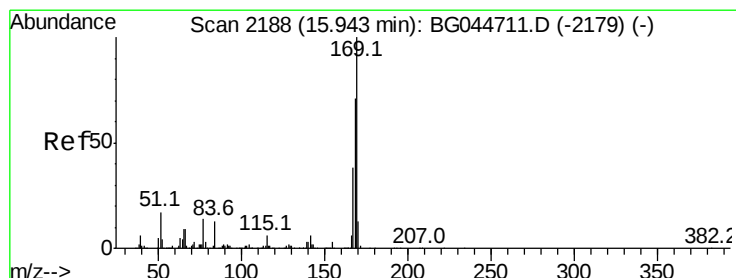
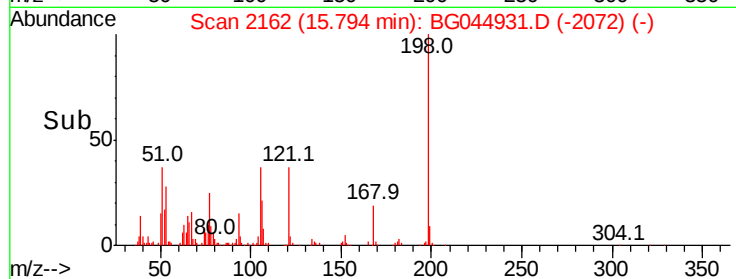
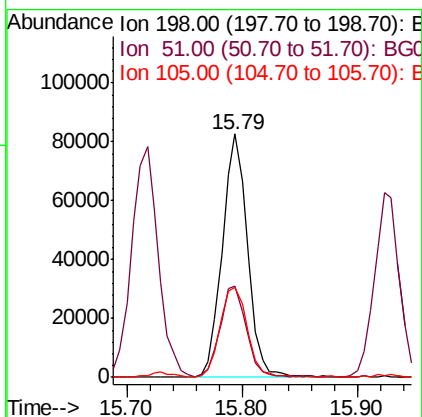
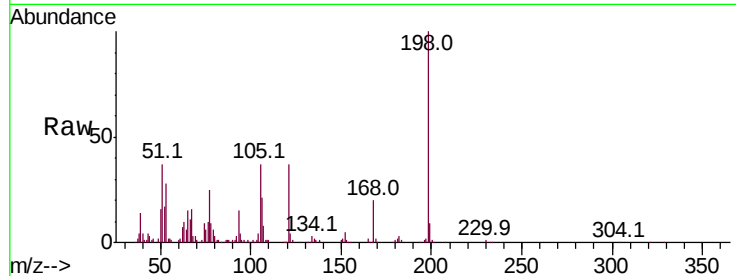




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.940 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

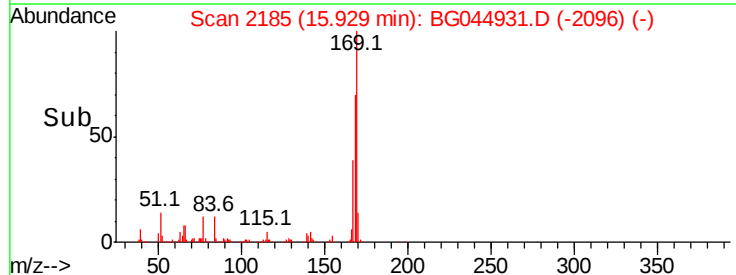
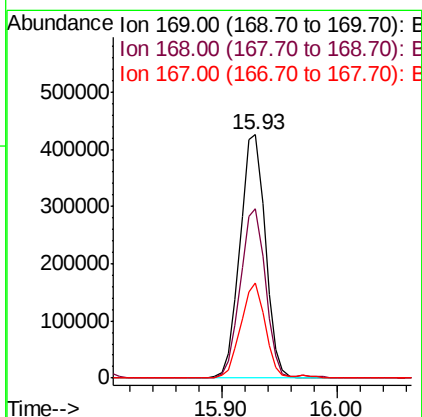
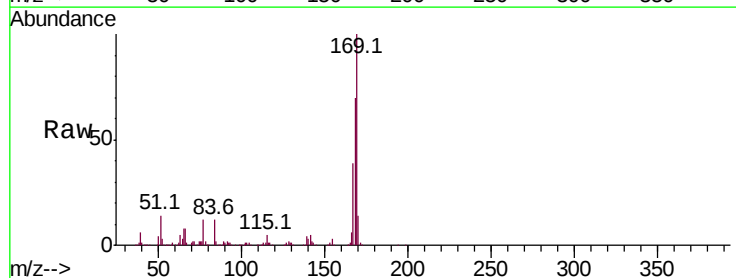
Instrument :
 BNA_G
 ClientSampleId :
 PB127768BSD

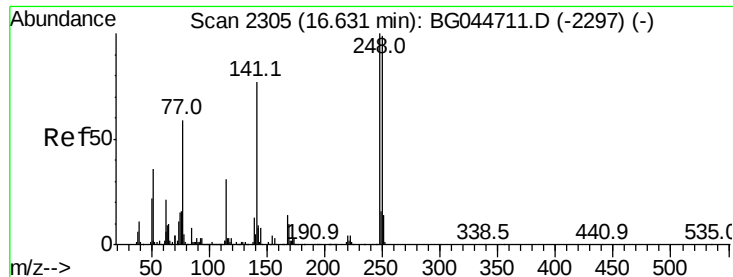
Tot Ion	Ratio	Lower	Upper
198	100		
51	37.3	21.1	61.1
105	36.8	24.5	64.5



#66
 n-Nitrosodiphenylamine
 Concen: 40.824 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG044931.D
 Acq: 24 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.8	55.4	83.2
167	38.9	30.1	45.1

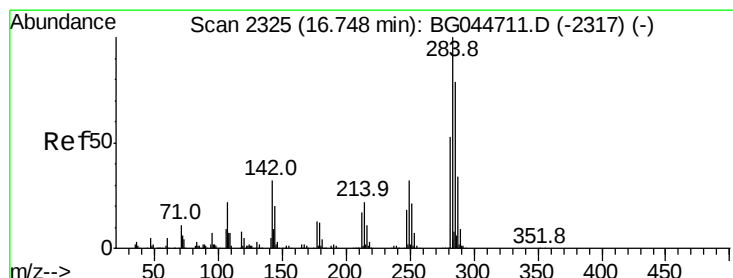
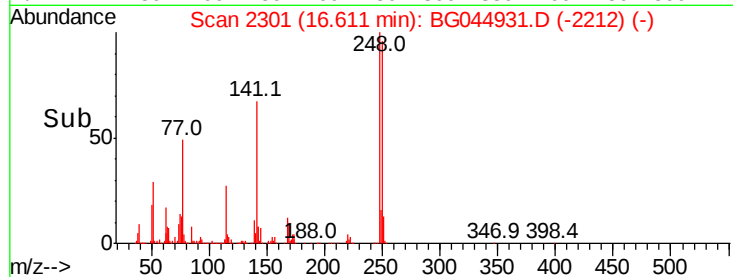
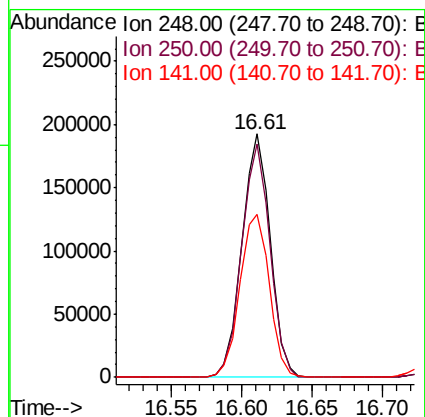
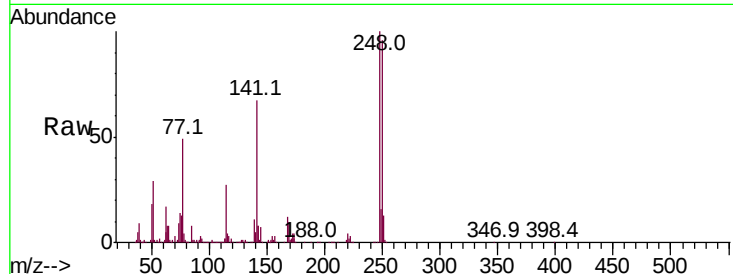




#67
4-Bromophenyl-phenylether
Concen: 40.832 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

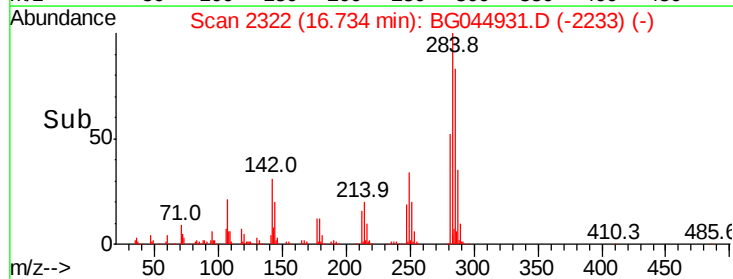
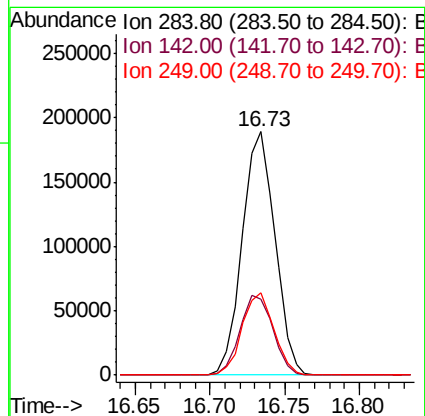
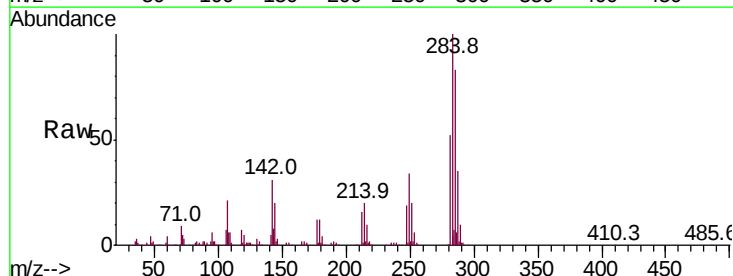
Instrument :
BNA_G
ClientSampleId :
PB127768BSD

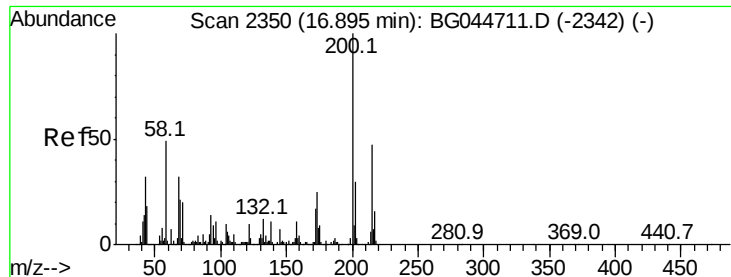
Tot Ion:248 Resp: 269993
Ion Ratio Lower Upper
248 100
250 96.0 77.9 116.9
141 67.2 57.5 86.3



#68
Hexachlorobenzene
Concen: 40.111 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion:284 Resp: 287735
Ion Ratio Lower Upper
284 100
142 31.3 25.0 37.6
249 33.9 25.8 38.8





#69

Atrazine

Concen: 44.379 ng

RT: 16.88 min Scan# 2346

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

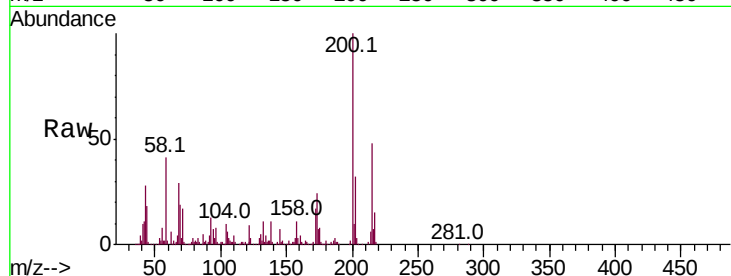
Tot Ion:200 Resp: 258914

Ion Ratio Lower Upper

200 100

173 23.6 5.3 45.3

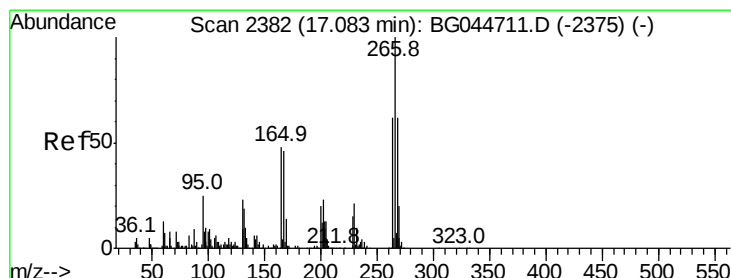
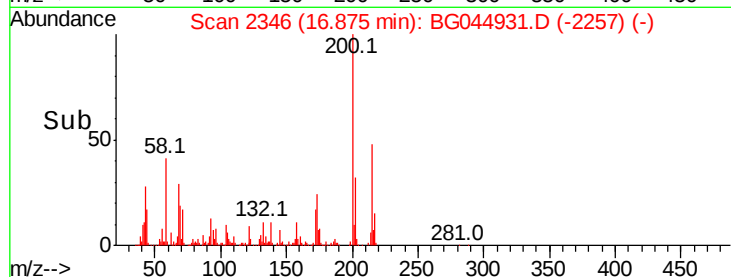
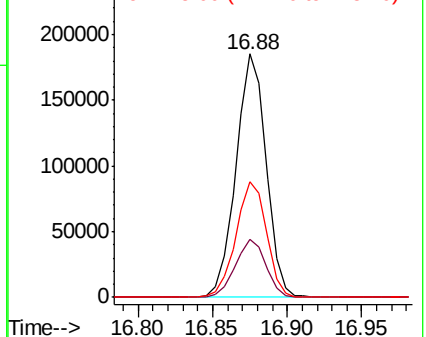
215 47.7 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 87.415 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

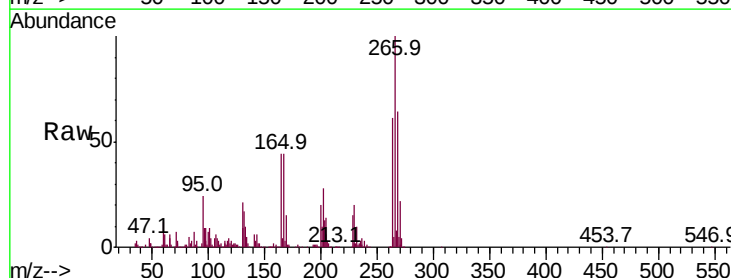
Tgt Ion:266 Resp: 345027

Ion Ratio Lower Upper

266 100

268 63.7 50.3 75.5

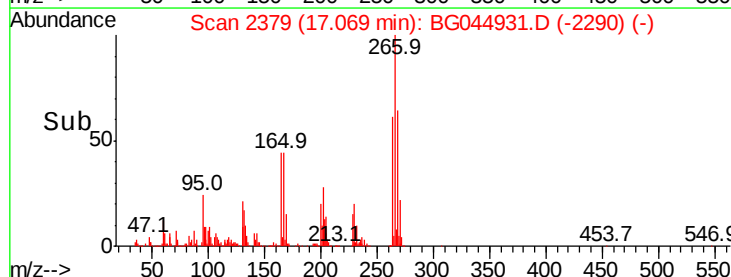
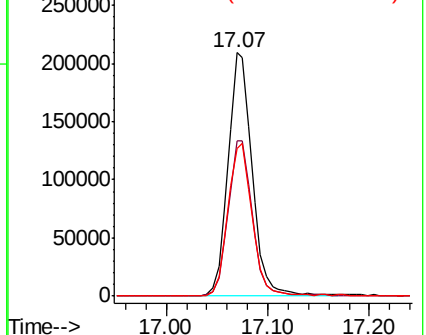
264 60.6 51.4 77.2

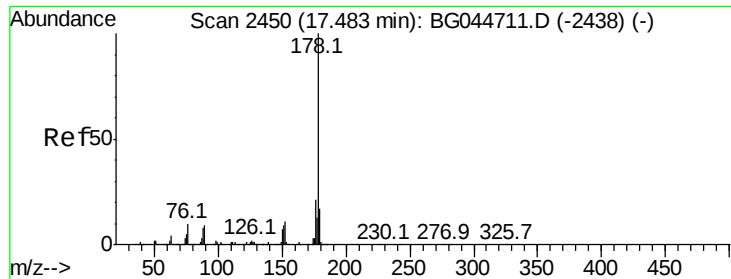


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.493 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

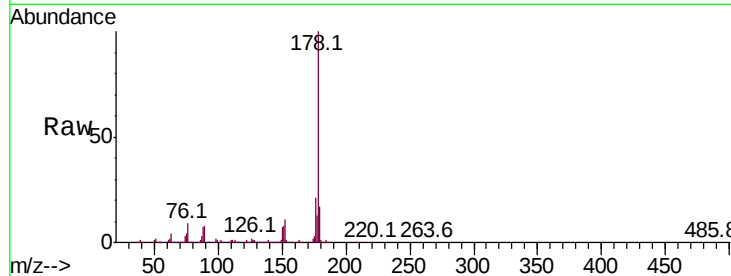
Tot Ion:178 Resp: 1144524

Ion Ratio Lower Upper

178 100

176 21.0 16.6 24.8

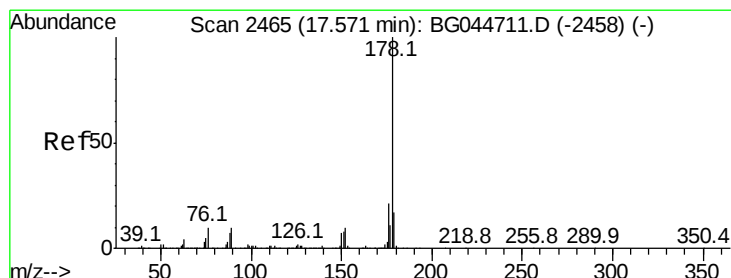
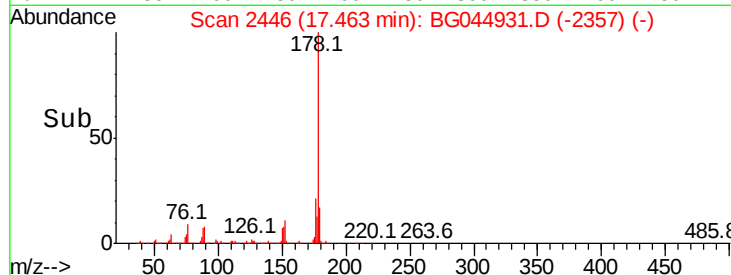
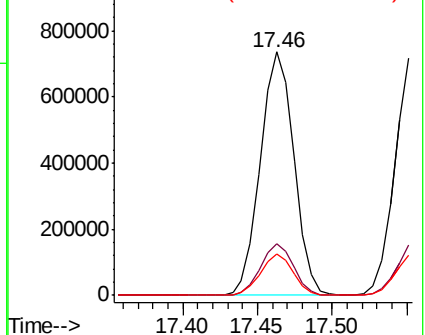
179 16.9 13.5 20.3



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: 41.915 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

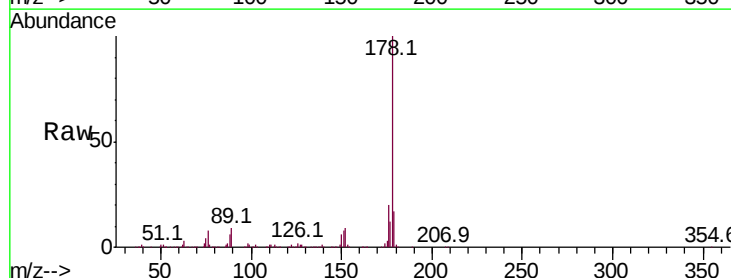
Tgt Ion:178 Resp: 1168196

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

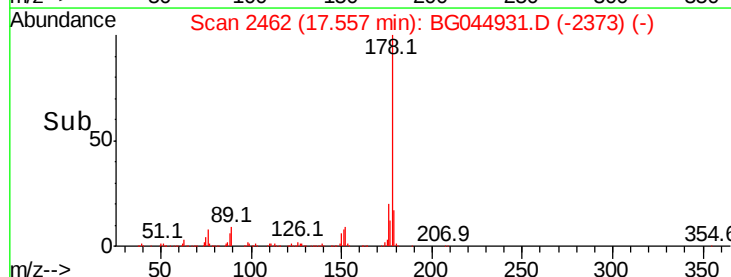
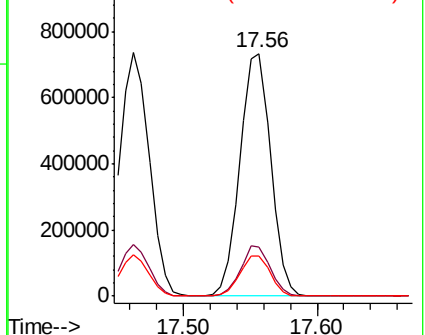
179 16.6 13.2 19.8

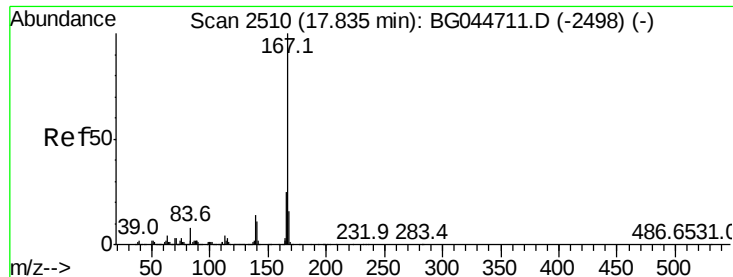


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.965 ng

RT: 17.82 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

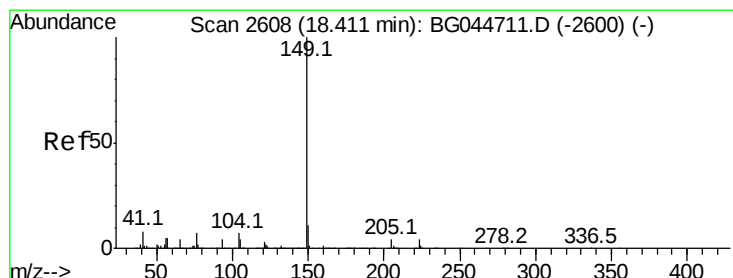
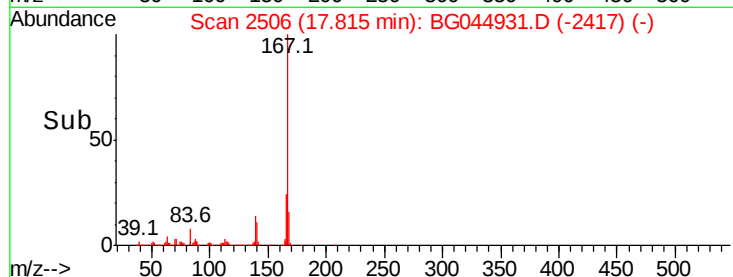
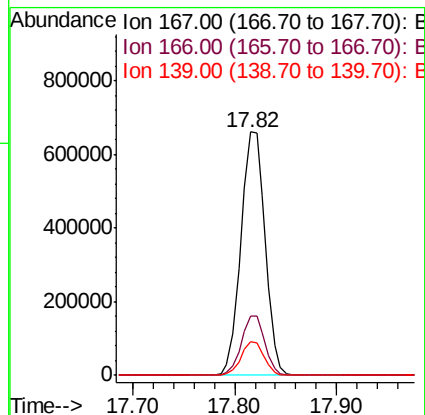
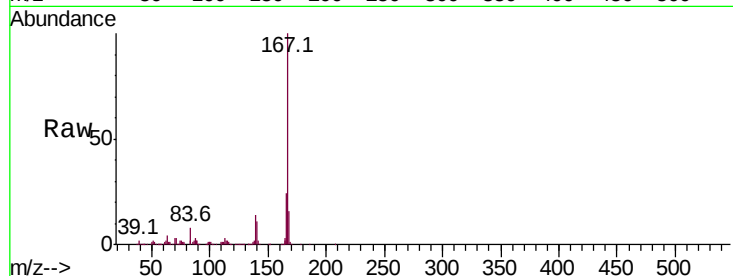
Tot Ion:167 Resp: 1096709

Ion Ratio Lower Upper

167 100

166 24.4 18.8 28.2

139 13.6 10.8 16.2



#74

Di-n-butylphthalate

Concen: 39.199 ng

RT: 18.39 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

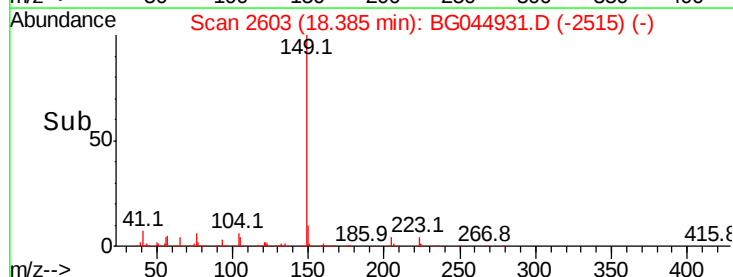
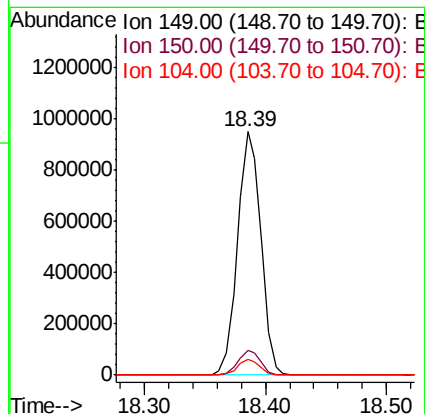
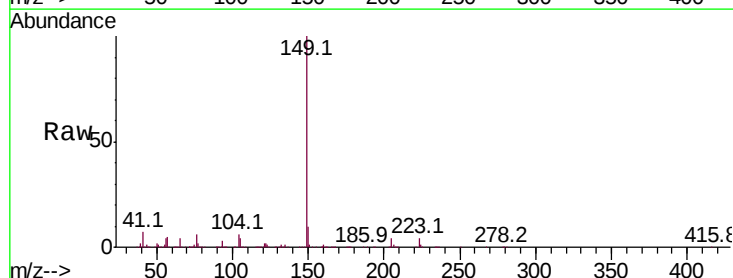
Tgt Ion:149 Resp: 1275670

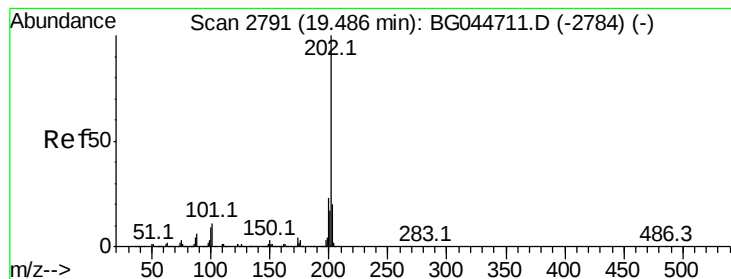
Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

104 6.5 5.0 7.4





#75

Fluoranthene

Concen: 42.562 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

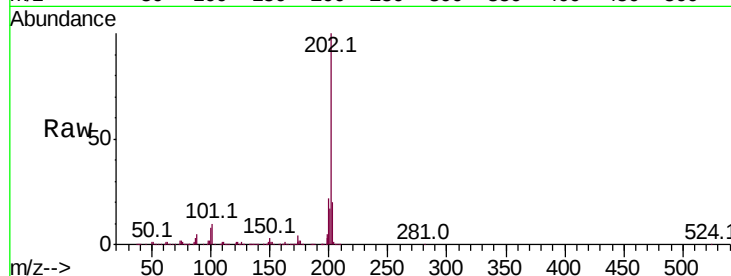
Tot Ion:202 Resp: 1432372

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.8

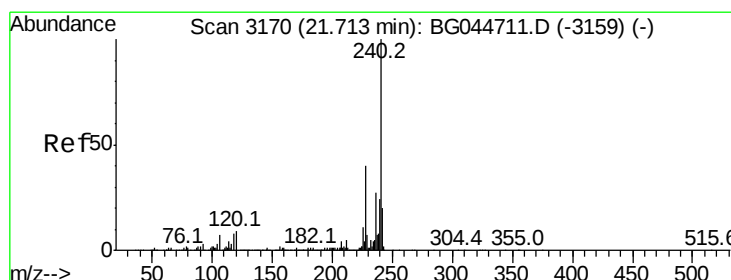
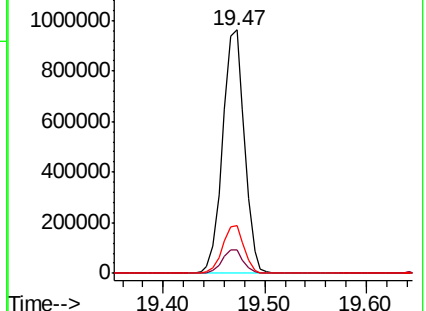
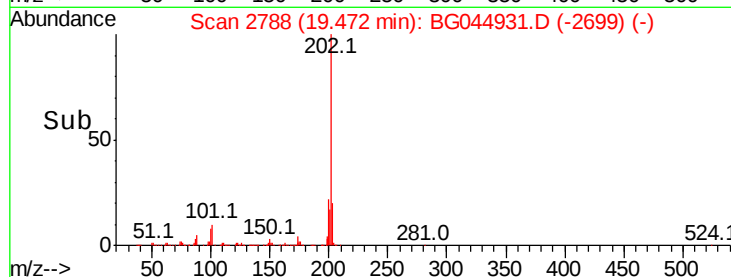
203 19.6 0.0 39.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

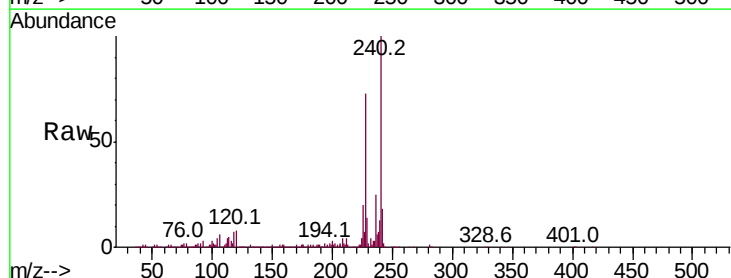
Tgt Ion:240 Resp: 494542

Ion Ratio Lower Upper

240 100

120 8.0 6.7 10.1

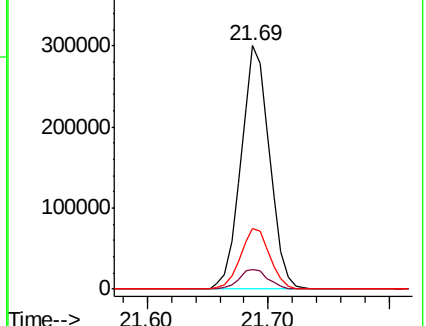
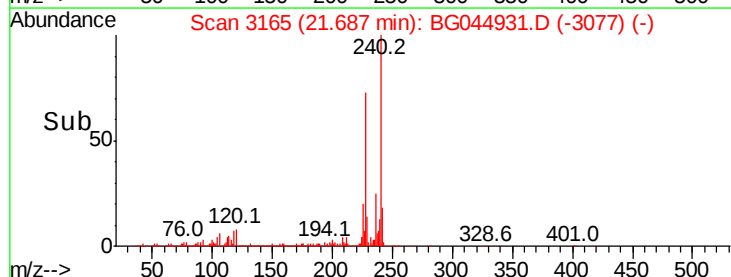
236 24.7 21.5 32.3

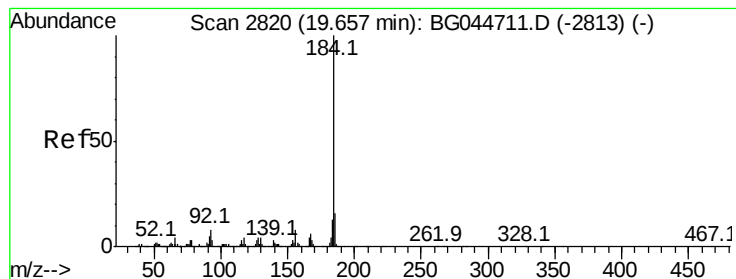


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.374 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

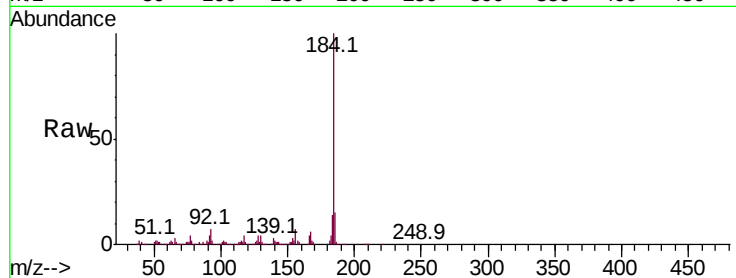
Tot Ion:184 Resp: 696353

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.4

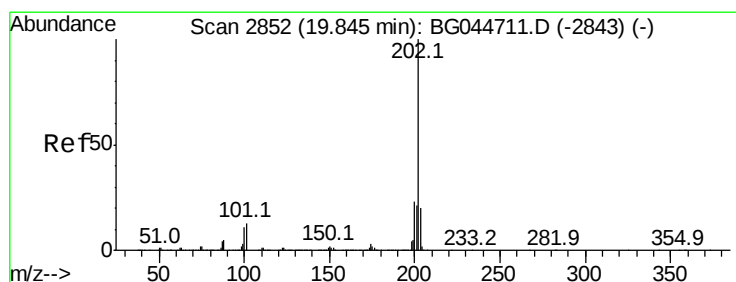
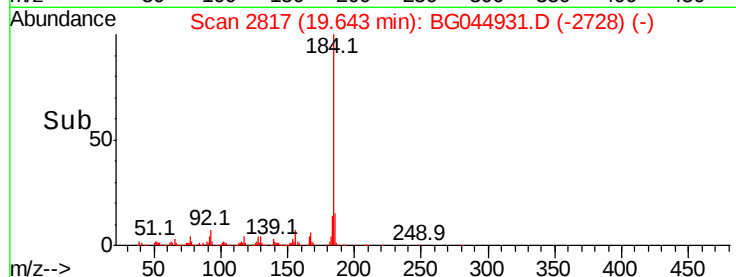
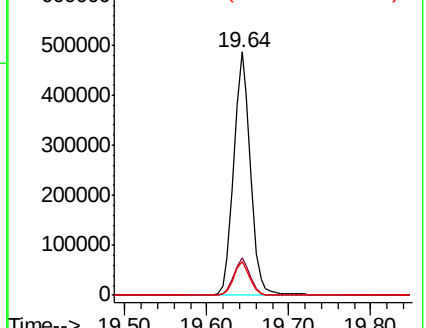
183 13.7 10.7 16.1



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: 38.605 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

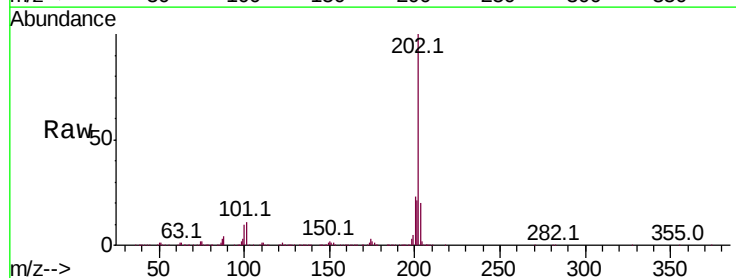
Tgt Ion:202 Resp: 1400717

Ion Ratio Lower Upper

202 100

200 23.1 18.3 27.5

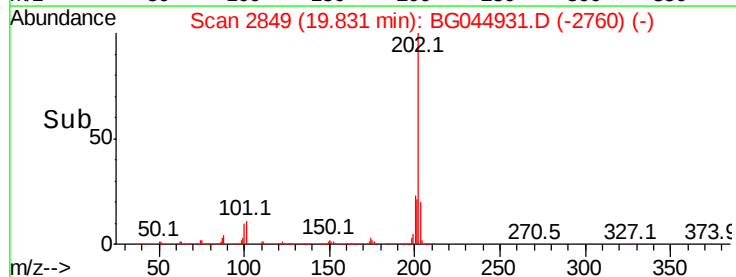
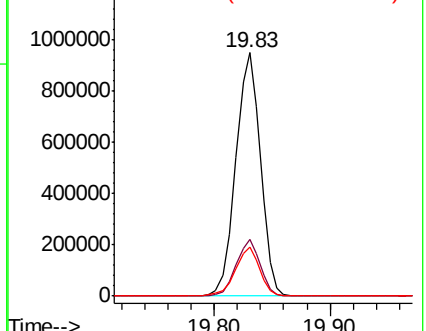
203 19.9 15.6 23.4

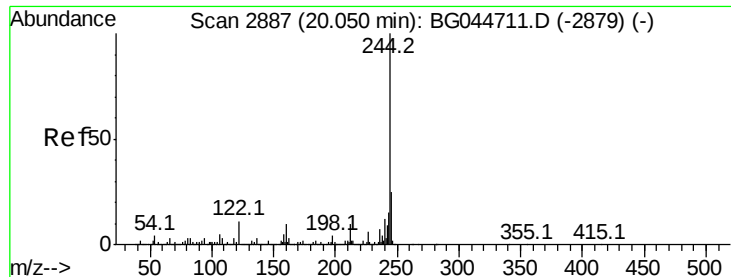


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.487 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

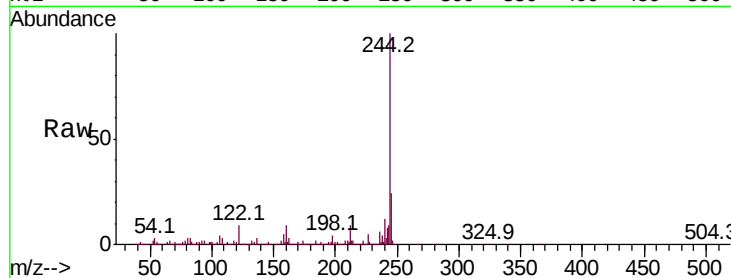
Tot Ion:244 Resp: 2048622

Ion Ratio Lower Upper

244 100

212 9.4 7.7 11.5

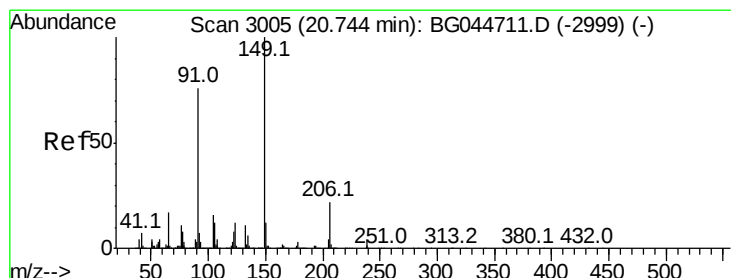
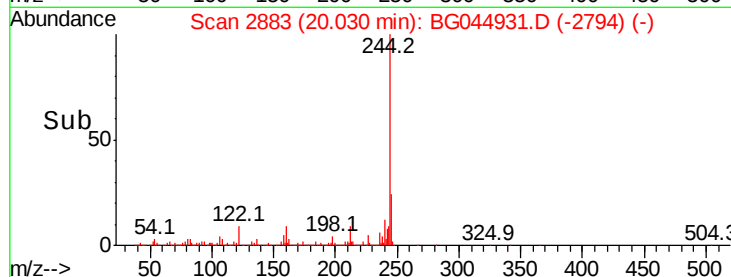
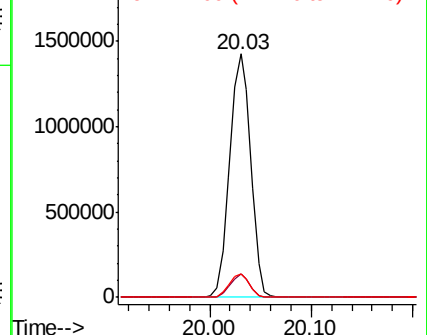
122 9.4 8.6 12.8



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: 35.948 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

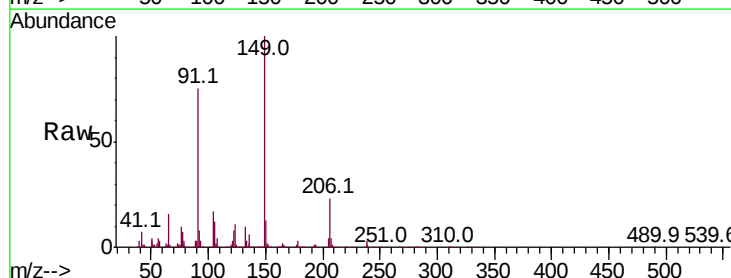
Tgt Ion:149 Resp: 580251

Ion Ratio Lower Upper

149 100

91 75.1 60.2 90.4

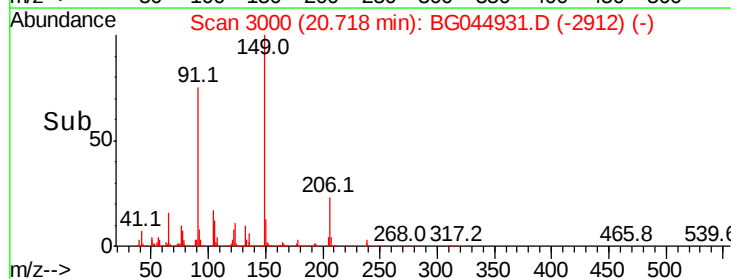
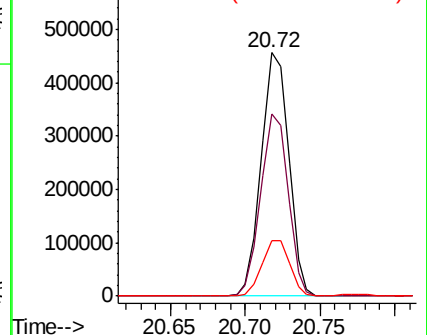
206 22.5 18.6 27.8

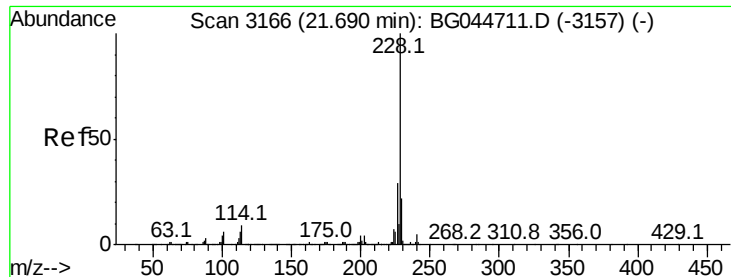


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

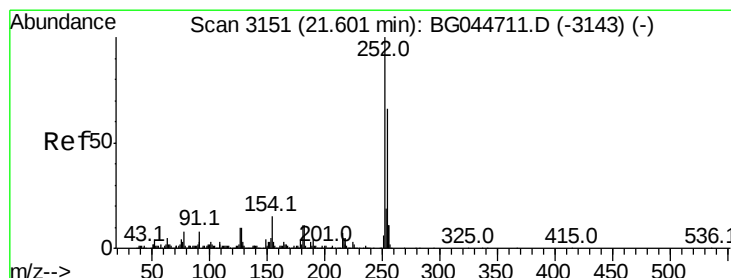
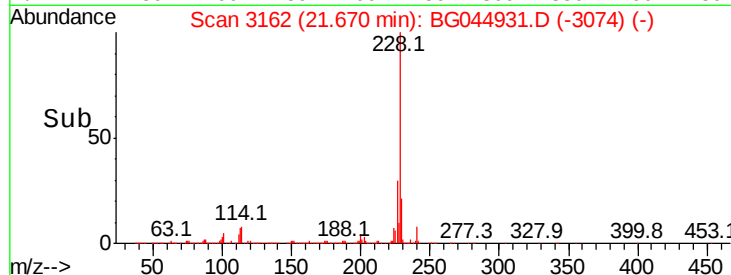
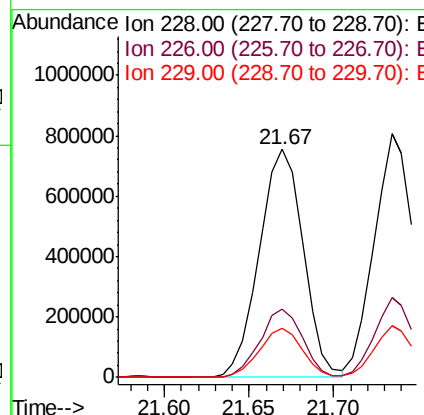
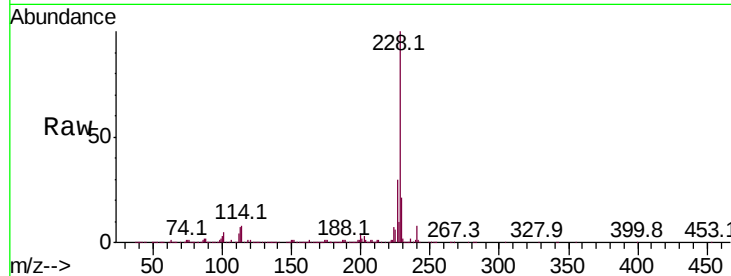




#81
Benzo(a)anthracene
Concen: 38.219 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

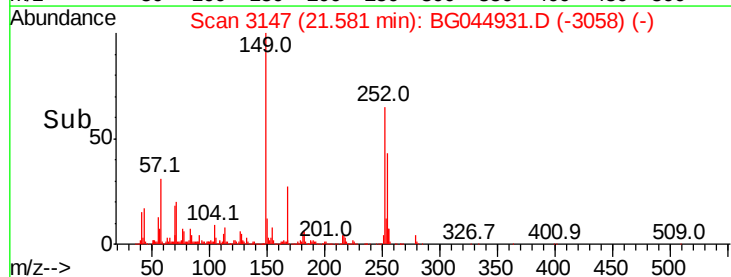
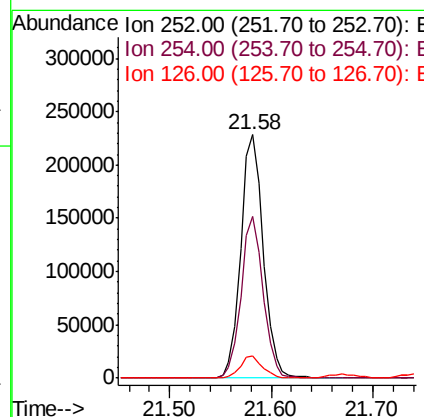
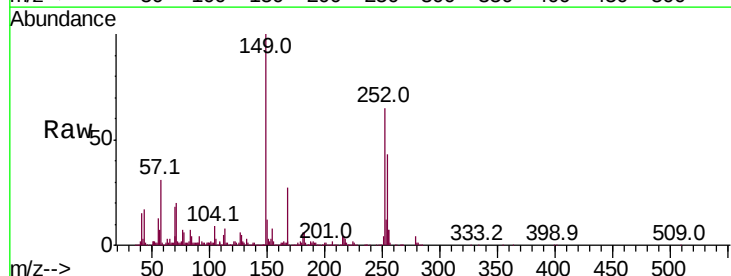
Instrument :
BNA_G
ClientSampleId :
PB127768BSD

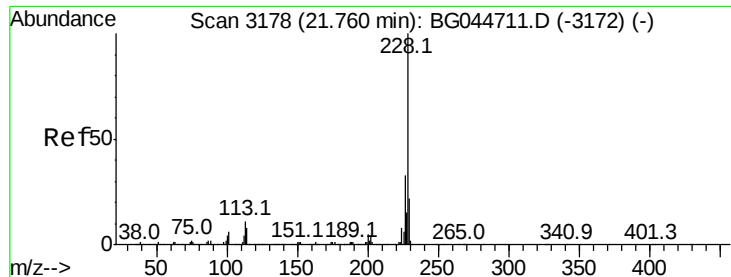
Tot Ion:228 Resp: 1361007
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.4 17.1 25.7



#82
3,3'-Dichlorobenzidine
Concen: 25.518 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG044931.D
Acq: 24 Mar 2020 15:30

Tgt Ion:252 Resp: 351548
Ion Ratio Lower Upper
252 100
254 66.2 51.6 77.4
126 9.3 7.0 10.6





#83

Chrysene

Concen: 38.086 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

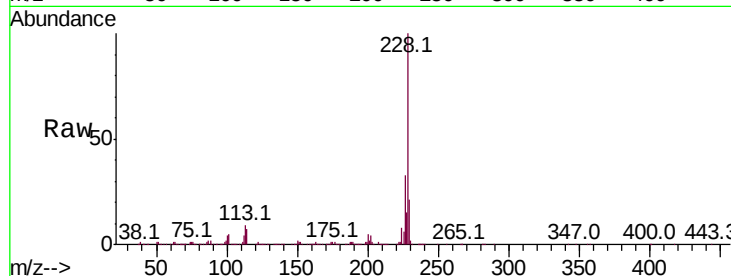
BNA_G

ClientSampled :

PB127768BSD

Tot Ion:228 Resp: 1295552

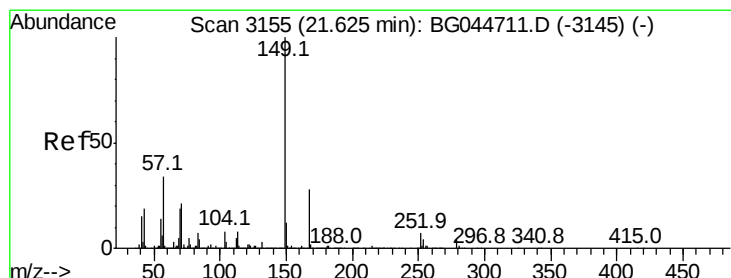
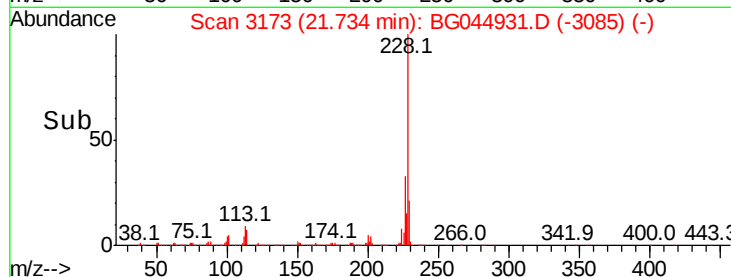
Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.9	38.9
229	21.3	17.4	26.0



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: 36.097 ng

RT: 21.59 min Scan# 3149

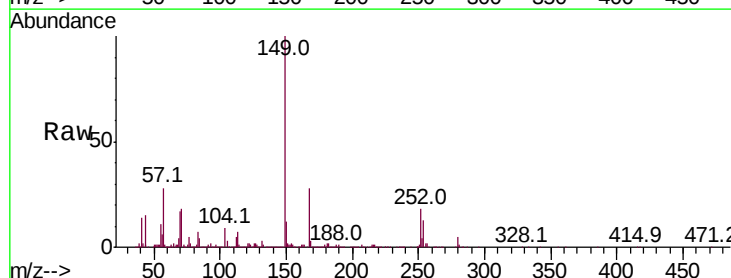
Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Tgt Ion:149 Resp: 804140

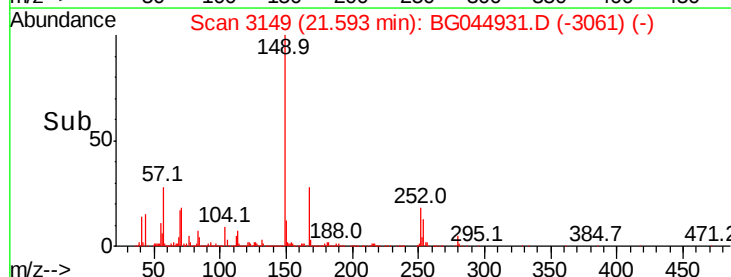
Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.8	32.6
279	5.3	3.8	5.6

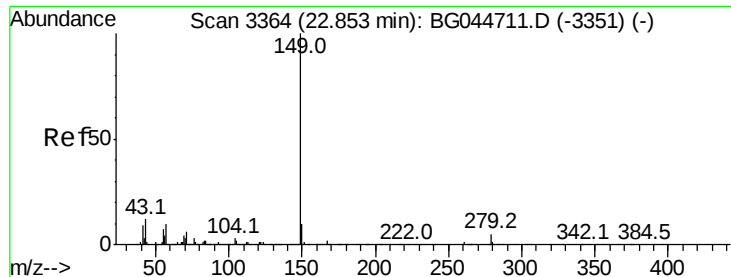


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.949 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.02 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

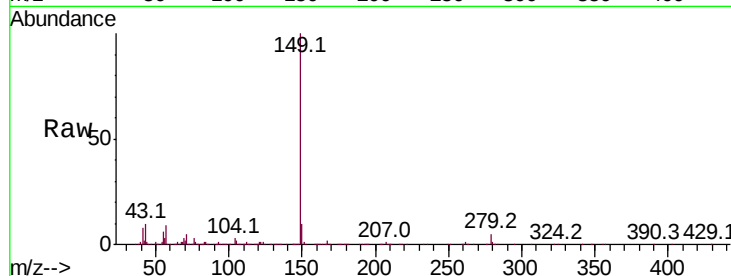
Tot Ion:149 Resp: 1377404

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 9.8 8.2 12.4

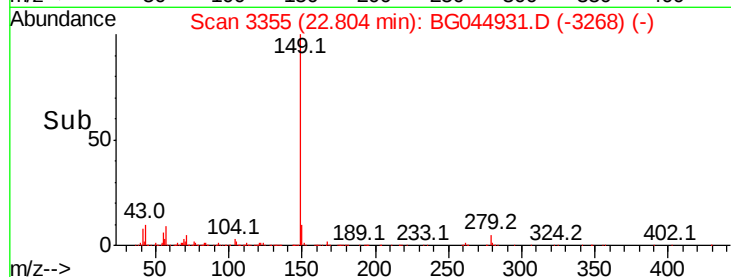


Abundance Ion 149.00 (148.70 to 149.70): E

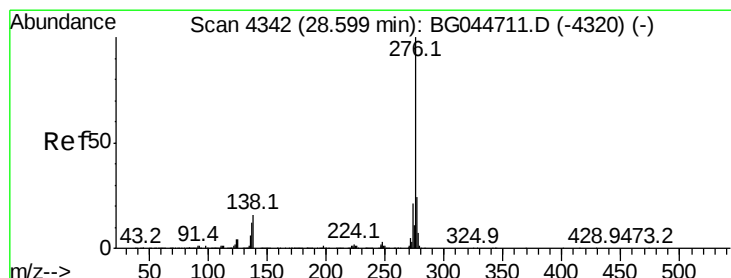
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time-->



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.211 ng

RT: 28.54 min Scan# 4331

Delta R.T. -0.03 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

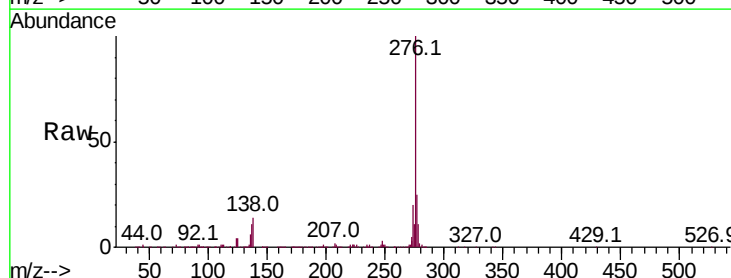
Tgt Ion:276 Resp: 1748678

Ion Ratio Lower Upper

276 100

138 13.1 7.4 11.0#

277 25.7 20.8 31.2

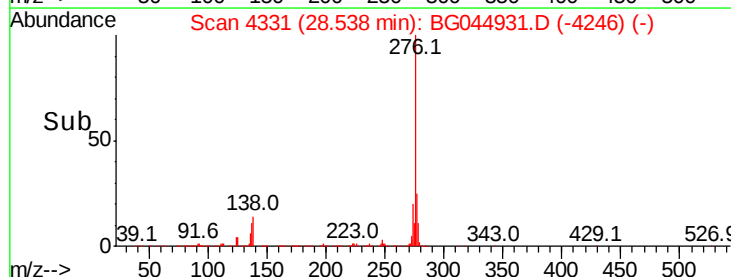


Abundance Ion 276.00 (275.70 to 276.70): E

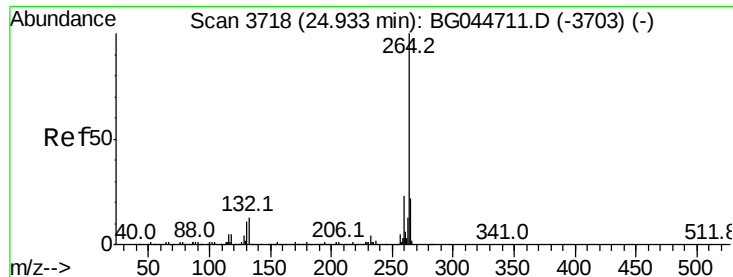
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

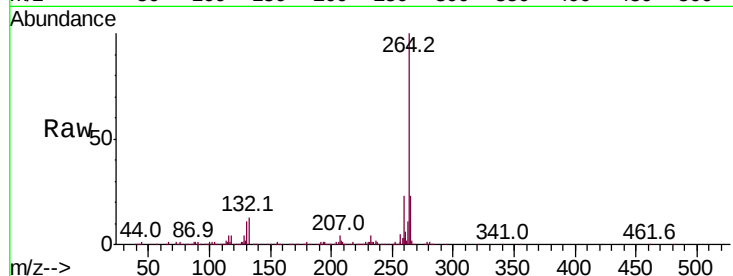
Tot Ion:264 Resp: 545508

Ion Ratio Lower Upper

264 100

260 23.3 18.1 27.1

265 23.1 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

24.89

200000

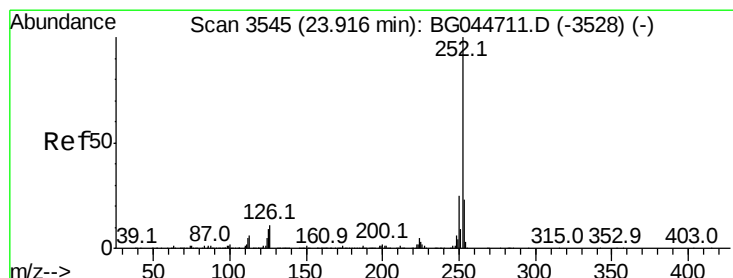
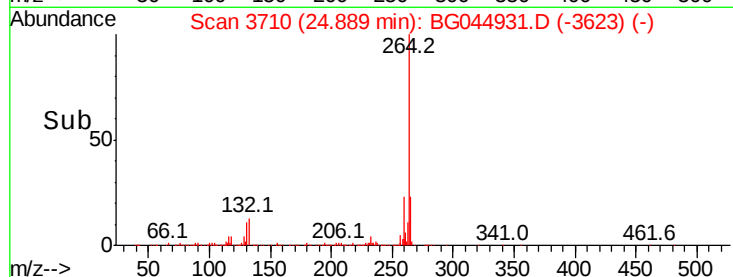
150000

100000

50000

0

Time-->



#88

Benzo(b)fluoranthene

Concen: 41.495 ng

RT: 23.88 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

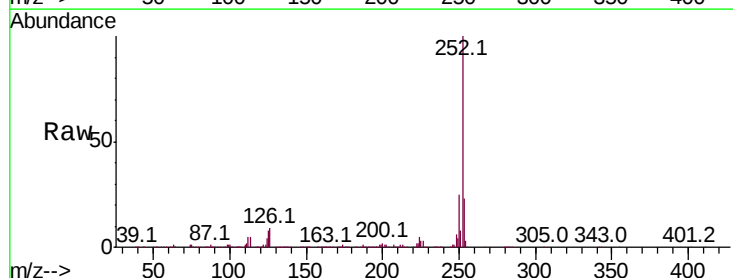
Tgt Ion:252 Resp: 1494359

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

125 8.0 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

23.88

800000

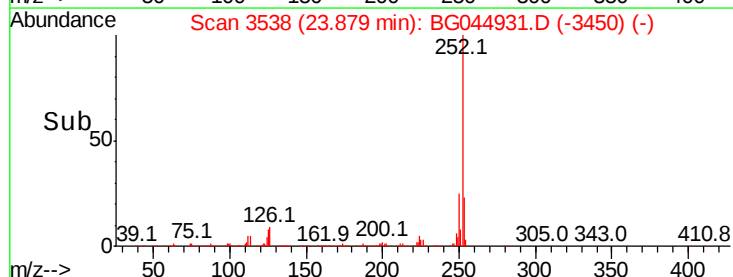
600000

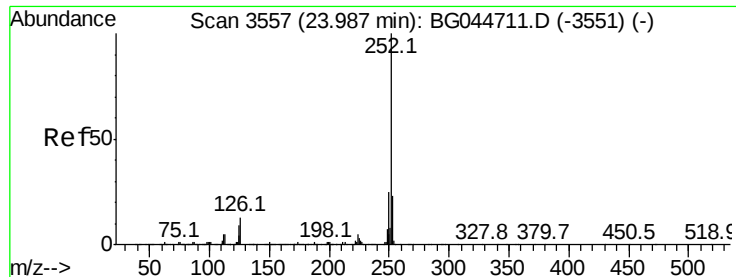
400000

200000

0

Time-->





#89

Benzo(k)fluoranthene

Concen: 41.765 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

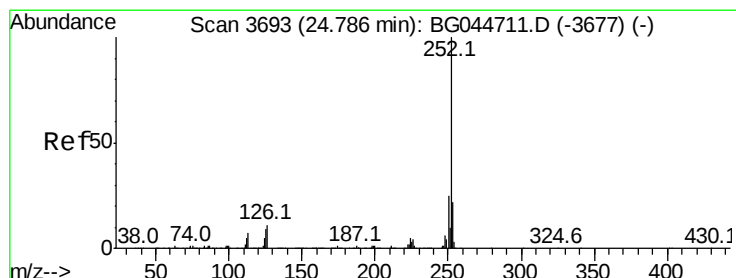
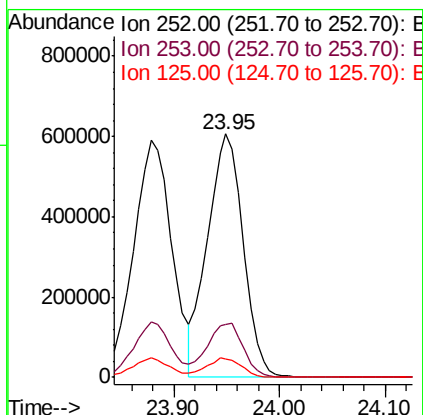
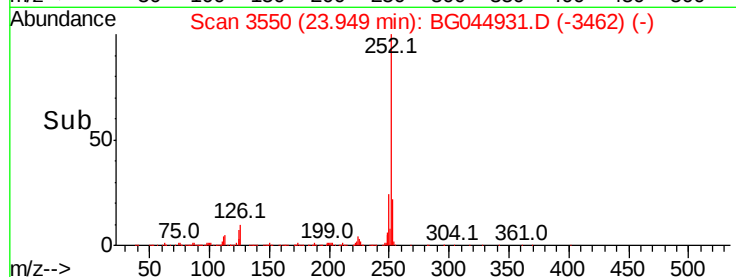
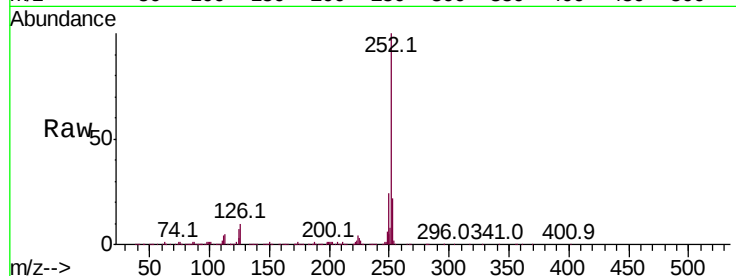
Tot Ion:252 Resp: 1423372

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

125 7.3 6.2 9.2



#90

Benzo(a)pyrene

Concen: 40.454 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

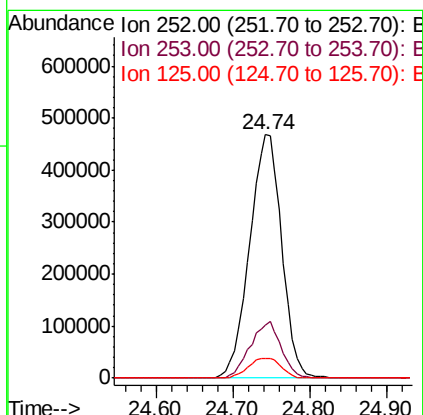
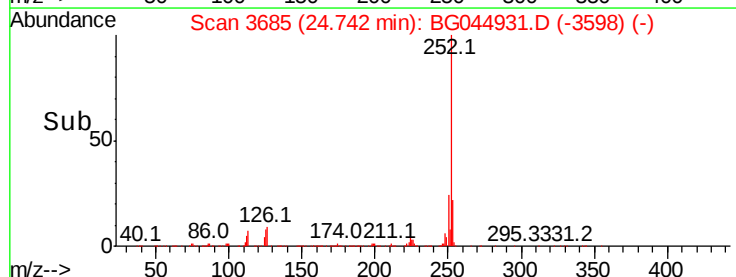
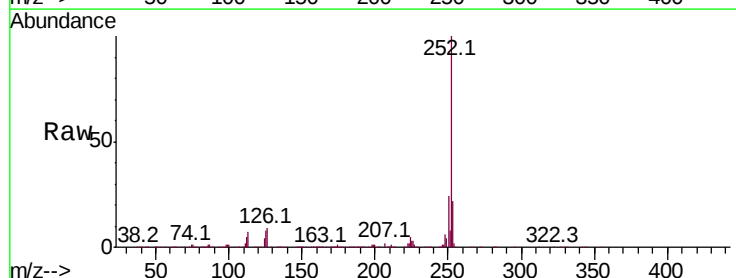
Tgt Ion:252 Resp: 1363212

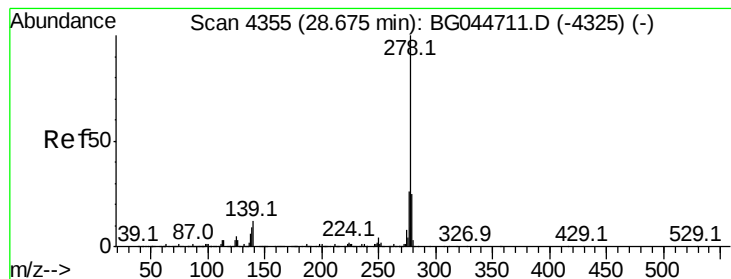
Ion Ratio Lower Upper

252 100

253 21.8 19.4 29.0

125 8.2 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 42.300 ng

RT: 28.61 min Scan# 4343

Delta R.T. -0.03 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127768BSD

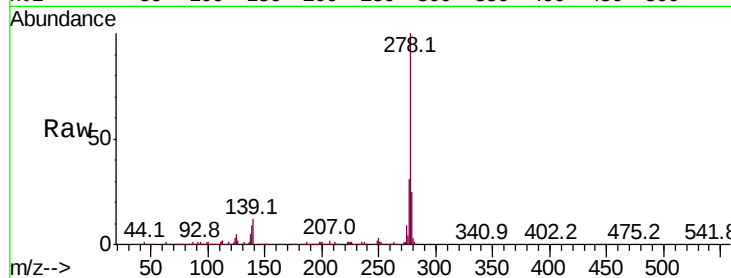
Tot Ion:278 Resp: 1406254

Ion Ratio Lower Upper

278 100

139 12.0 10.2 15.2

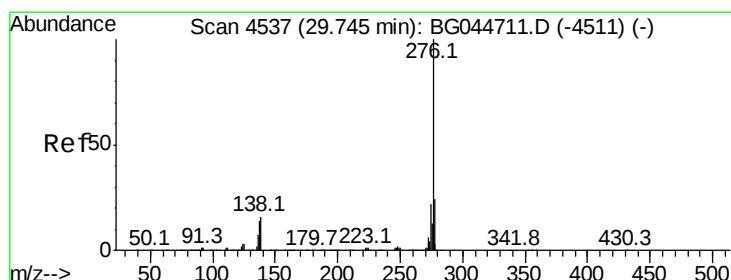
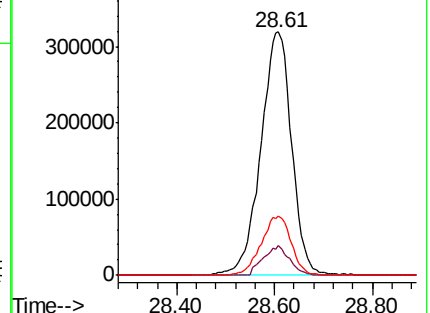
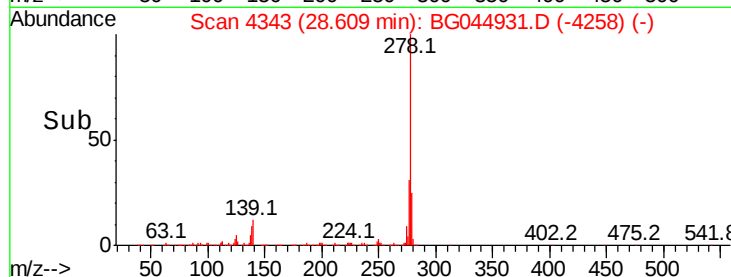
279 24.6 18.9 28.3



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: 41.924 ng

RT: 29.67 min Scan# 4524

Delta R.T. -0.04 min

Lab File: BG044931.D

Acq: 24 Mar 2020 15:30

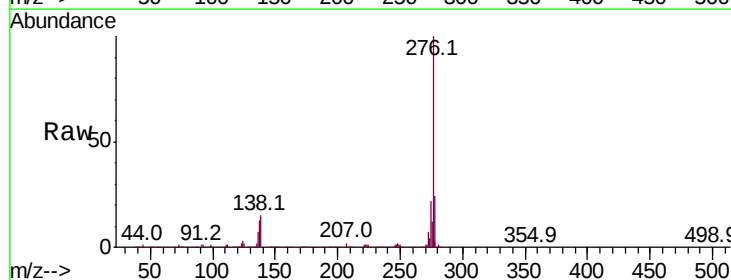
Tgt Ion:276 Resp: 1408162

Ion Ratio Lower Upper

276 100

277 23.5 20.1 30.1

138 14.8 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

