

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044732.D
 Acq On : 12 Mar 2020 12:53
 Operator : CG/JU
 Sample : L1873-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 06:07:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	95363	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	402051	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	282354	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	635309	20.00	ng	0.00
76) Chrysene-d12	21.71	240	550679	20.00	ng	0.00
87) Perylene-d12	24.92	264	654520	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	714264	116.60	ng	0.00
7) Phenol-d6	7.21	99	1011004	113.59	ng	0.00
23) Nitrobenzene-d5	9.21	82	645598	70.46	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	380869	103.02	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1317597	66.83	ng	0.00
79) Terphenyl-d14	20.04	244	1993842	67.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	108575	36.805	ng	97
3) Pyridine	3.92	79	264834	30.325	ng	98
4) n-Nitrosodimethylamine	3.83	42	145986	44.058	ng	99
6) Aniline	7.38	93	223459	20.176	ng	96
8) 2-Chlorophenol	7.62	128	294225	48.113	ng	99
9) Benzaldehyde	7.18	77	243811	47.349	ng	98
10) Phenol	7.24	94	410102	46.540	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	293211	41.693	ng	98
12) 1,3-Dichlorobenzene	7.95	146	299640	39.776	ng	98
13) 1,4-Dichlorobenzene	8.09	146	300040	40.287	ng	94
14) 1,2-Dichlorobenzene	8.41	146	284831	40.326	ng	97
15) Benzyl Alcohol	8.29	79	315558	44.187	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	480486	38.716	ng	100
17) 2-Methylphenol	8.49	107	268559	44.992	ng	90
18) Hexachloroethane	9.15	117	118283	40.341	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	258033	41.057	ng	98
20) 3+4-Methylphenols	8.82	107	375730	45.663	ng	95
22) Acetophenone	8.88	105	446627	39.212	ng	# 97
24) Nitrobenzene	9.25	77	381302	40.108	ng	97
25) Isophorone	9.78	82	709612	39.683	ng	96
26) 2-Nitrophenol	9.97	139	145705	44.589	ng	# 93
27) 2,4-Dimethylphenol	10.03	122	287677	49.401	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	410100	38.429	ng	97
29) 2,4-Dichlorophenol	10.50	162	297424	43.728	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	313293	38.522	ng	99
31) Naphthalene	10.91	128	890340	39.976	ng	100
32) Benzoic acid	10.17	122	179311	41.233	ng	89
33) 4-Chloroaniline	11.01	127	84943	8.465	ng	98
34) Hexachlorobutadiene	11.21	225	201796	37.731	ng	99
35) Caprolactam	11.78	113	53230	20.670	ng	95
36) 4-Chloro-3-methylphenol	12.13	107	345968	42.648	ng	99
37) 2-Methylnaphthalene	12.52	142	662962	39.794	ng	99
38) 1-Methylnaphthalene	12.74	142	640099	40.868	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	344180	37.014	ng	99

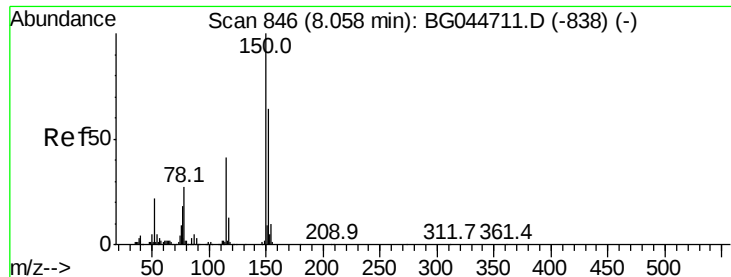
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044732.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	461298	90.774	nq	93
43) 2,4,6-Trichlorophenol	13.12	196	252278	40.880	nq	97
44) 2,4,5-Trichlorophenol	13.19	196	269041	42.039	nq	98
46) 1,1'-Biphenyl	13.52	154	848974	37.626	nq	99
47) 2-Chloronaphthalene	13.56	162	638218	37.027	nq	97
48) 2-Nitroaniline	13.75	65	237434	39.346	nq	97
49) Acenaphthylene	14.41	152	1068496	39.569	nq	99
50) Dimethylphthalate	14.15	163	946505	42.089	nq	98
51) 2,6-Dinitrotoluene	14.25	165	189054	41.707	nq	99
52) Acenaphthene	14.75	154	753350	42.598	nq	98
53) 3-Nitroaniline	14.57	138	72774	13.964	nq	93
54) 2,4-Dinitrophenol	14.78	184	181785	77.084	nq	# 69
55) Dibenzofuran	15.09	168	1016025	39.618	nq	98
56) 4-Nitrophenol	14.88	139	329354	82.808	nq	94
57) 2,4-Dinitrotoluene	15.04	165	261487	42.061	nq	96
58) Fluorene	15.74	166	823310	39.026	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	247714	42.041	nq	99
60) Diethylphthalate	15.51	149	895407	38.175	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	444136	39.098	nq	97
62) 4-Nitroaniline	15.74	138	195310	35.146	nq	98
63) Azobenzene	16.03	77	977729	40.142	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	134685	45.525	nq	93
66) n-Nitrosodiphenylamine	15.94	169	756051	39.528	nq	97
67) 4-Bromophenyl-phenylether	16.63	248	302815	38.127	nq	98
68) Hexachlorobenzene	16.75	284	322869	37.471	nq	98
69) Atrazine	16.89	200	291683	41.623	nq	98
70) Pentachlorophenol	17.08	266	396065	83.542	nq	96
71) Phenanthrene	17.48	178	1331240	39.212	nq	100
72) Anthracene	17.57	178	1369520	40.910	nq	99
73) Carbazole	17.83	167	1284599	39.948	nq	99
74) Di-n-butylphthalate	18.41	149	1524345	38.996	nq	99
75) Fluoranthene	19.48	202	1614643	39.944	nq	100
77) Benzidine	19.66	184	561980	31.436	nq	99
78) Pyrene	19.84	202	1627303	40.278	nq	100
80) Butylbenzylphthalate	20.74	149	698511	38.863	nq	96
81) Benzo(a)anthracene	21.68	228	1560901	39.364	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	196645	12.819	nq	95
83) Chrysene	21.75	228	1487362	39.268	nq	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	992209	39.999	nq	99
85) Di-n-octyl phthalate	22.84	149	1697631	40.897	nq	100
86) Indeno(1,2,3-cd)pyrene	28.59	276	2000435	40.284	nq	99
88) Benzo(b)fluoranthene	23.90	252	1700148	39.346	nq	98
89) Benzo(k)fluoranthene	23.98	252	1618857	39.589	nq	98
90) Benzo(a)pyrene	24.77	252	1565766	38.726	nq	99
91) Dibenzo(a,h)anthracene	28.65	278	1627987	40.814	nq	98
92) Benzo(g,h,i)perylene	29.72	276	1677674	41.629	nq	99

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

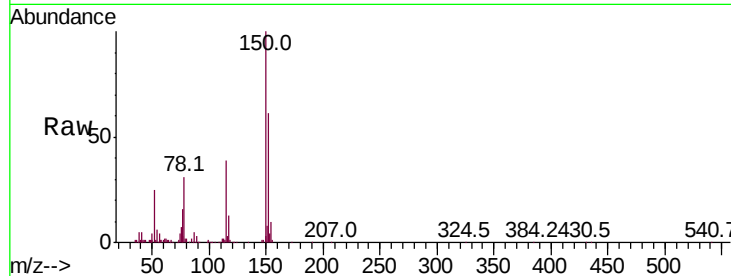


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.1	125.3	187.9
115	64.2	51.7	77.5

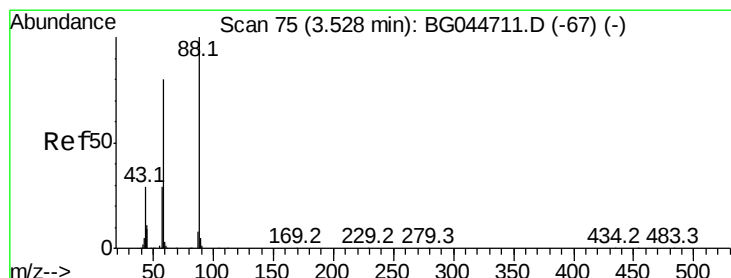
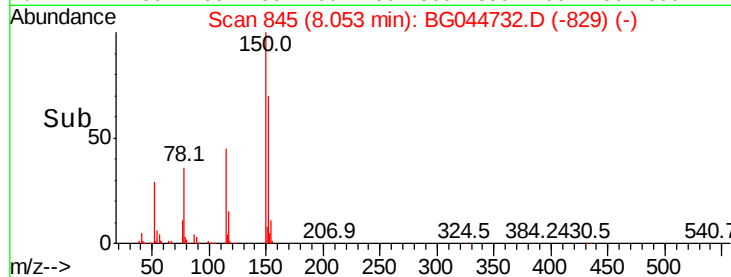
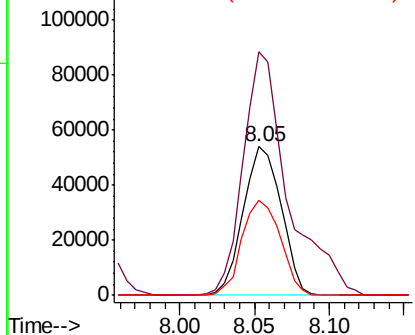


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

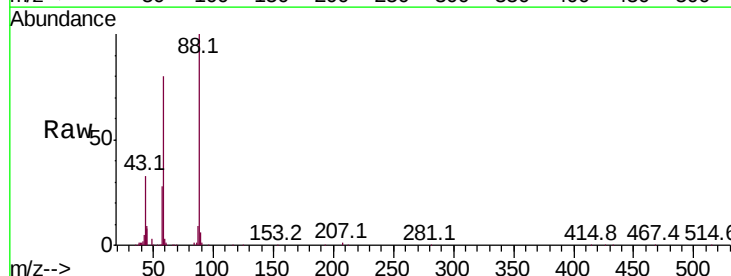
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.805 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	63.0	94.4
43	33.4	23.2	34.8

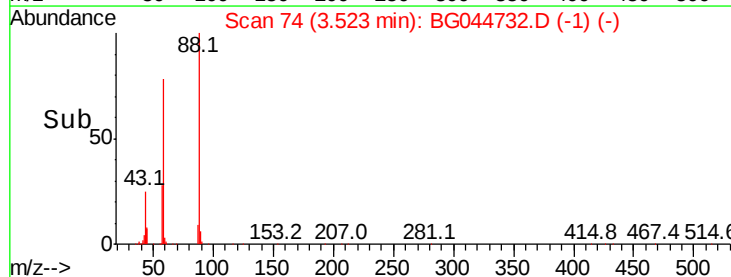
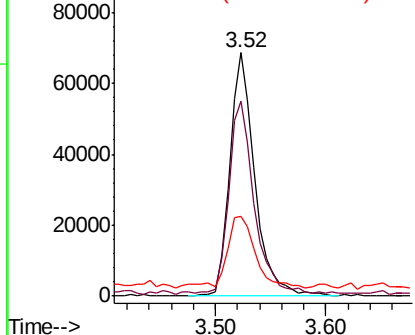


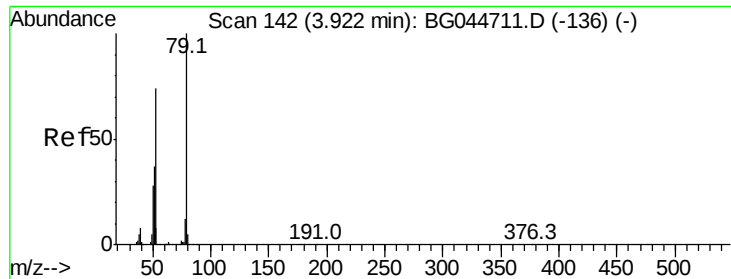
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.325 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

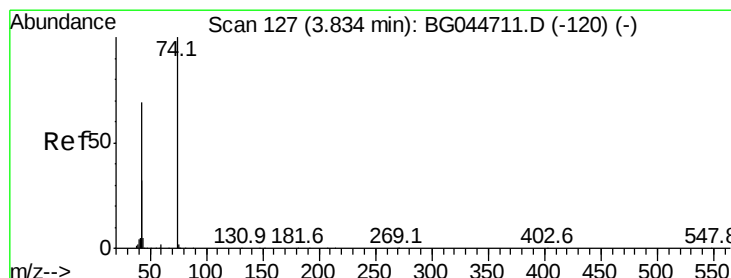
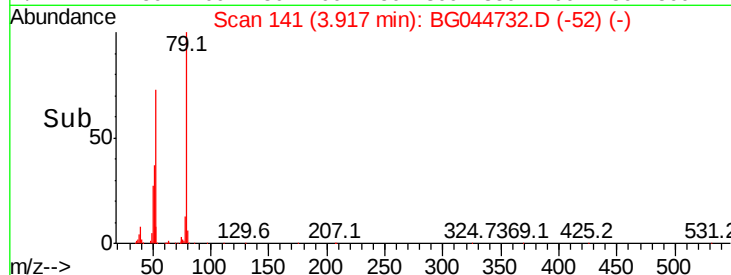
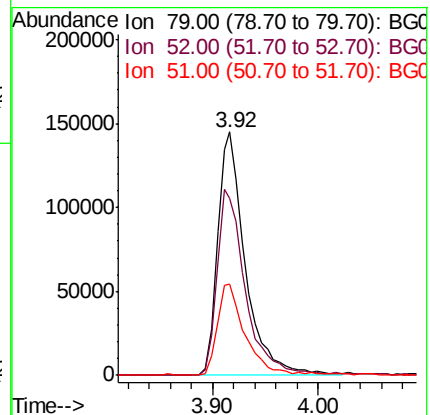
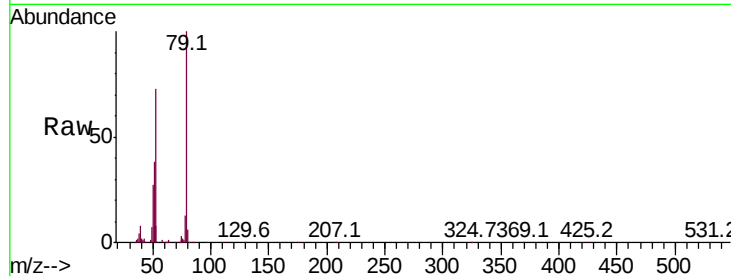
Tot Ion: 79 Resp: 264834

Ion Ratio Lower Upper

79 100

52 72.6 59.4 89.2

51 37.5 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 44.058 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

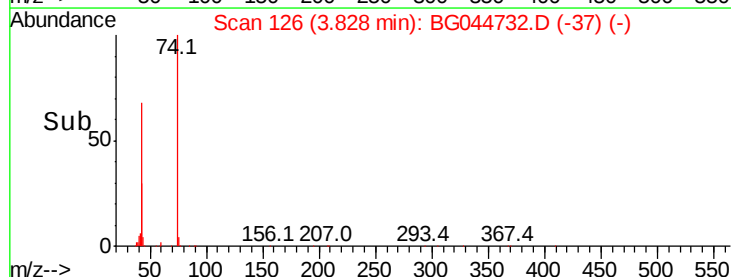
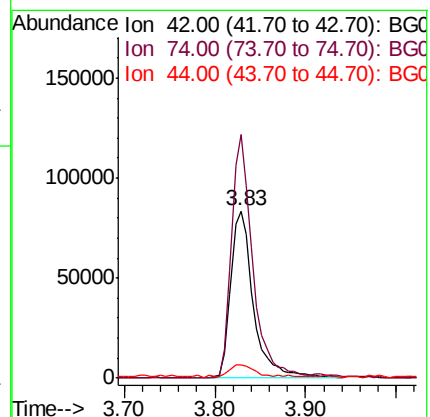
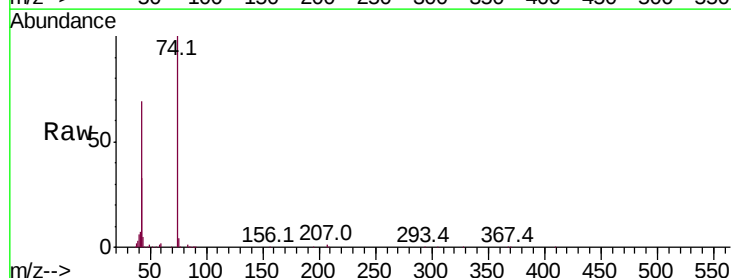
Tgt Ion: 42 Resp: 145986

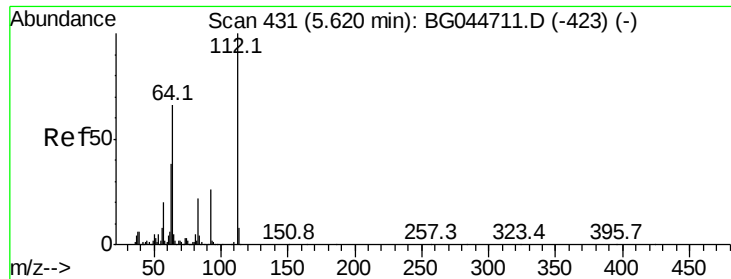
Ion Ratio Lower Upper

42 100

74 145.8 116.1 174.1

44 7.6 7.1 10.7





#5

2-Fluorophenol

Concen: 116.595 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

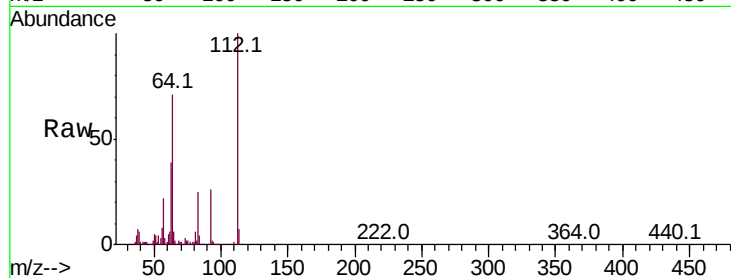
Tot Ion:112 Resp: 714264

Ion Ratio Lower Upper

112 100

64 70.5 52.6 78.8

63 39.3 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

500000

400000

300000

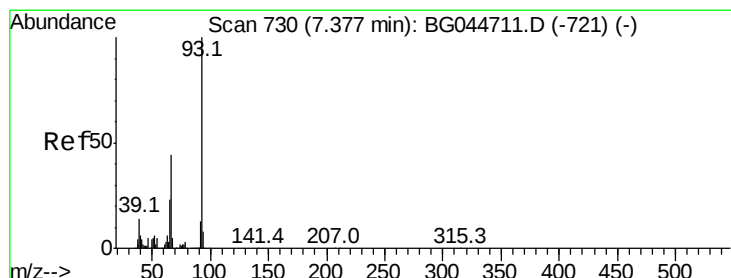
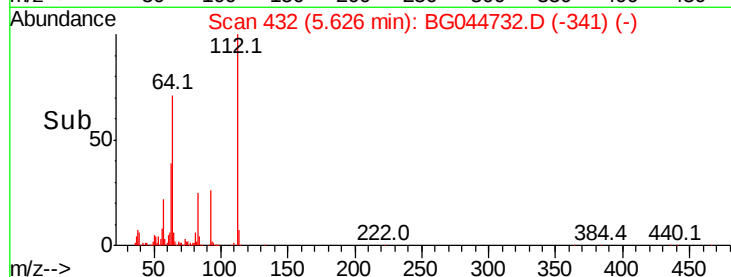
200000

100000

0

5.63

Time-->



#6

Aniline

Concen: 20.176 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

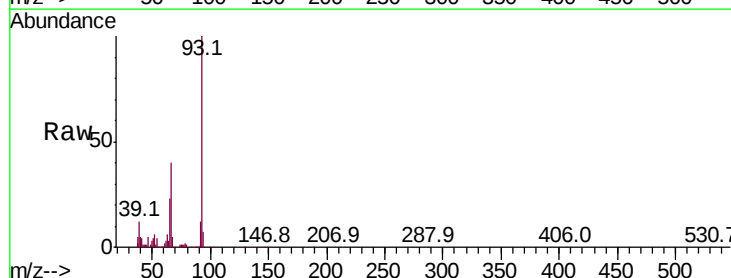
Tgt Ion: 93 Resp: 223459

Ion Ratio Lower Upper

93 100

66 40.1 35.3 52.9

65 22.7 18.2 27.4



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

200000

150000

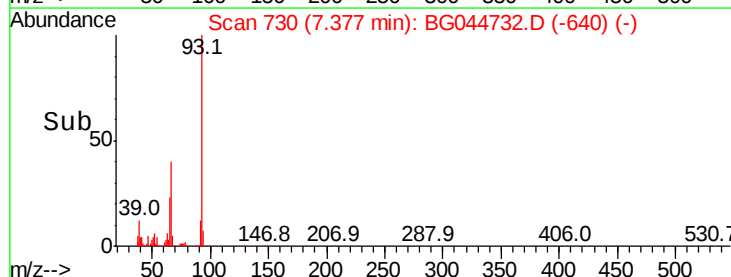
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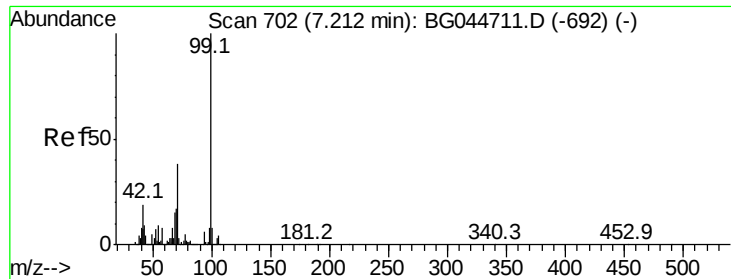
50000

0

7.38

Time-->





#7

Phenol-d6

Concen: 113.588 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

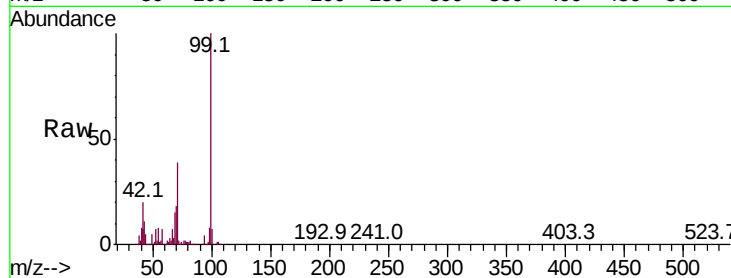
Tot Ion: 99 Resp: 1011004

Ion Ratio Lower Upper

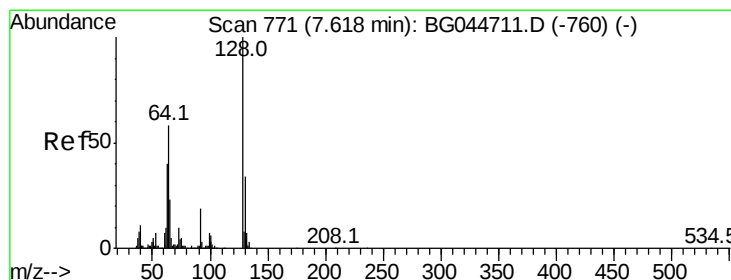
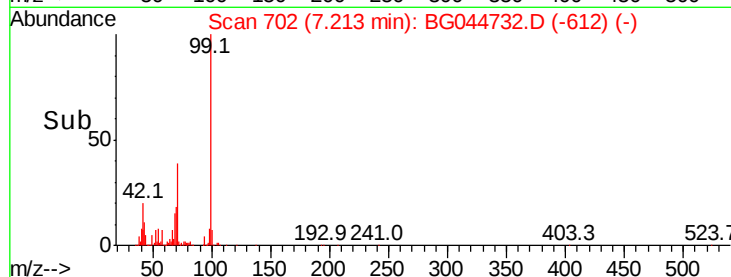
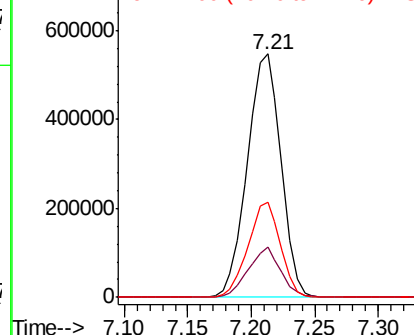
99 100

42 20.4 15.4 23.0

71 38.9 30.2 45.4



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: 48.113 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

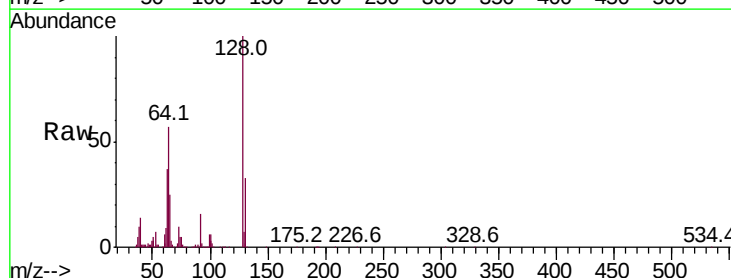
Tgt Ion: 128 Resp: 294225

Ion Ratio Lower Upper

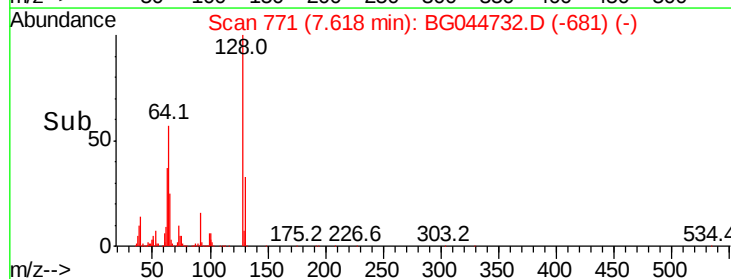
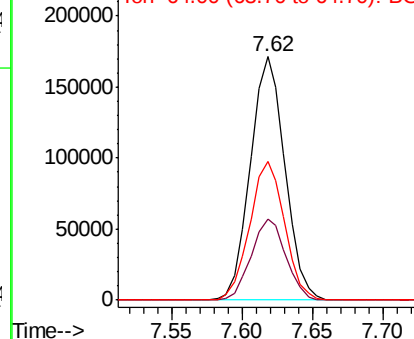
128 100

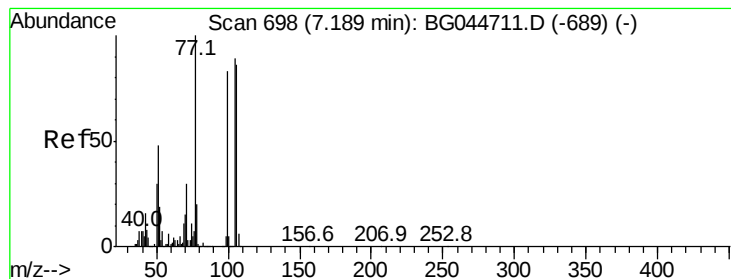
130 33.4 13.6 53.6

64 57.0 38.6 78.6



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





#9

Benzaldehyde

Concen: 47.349 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

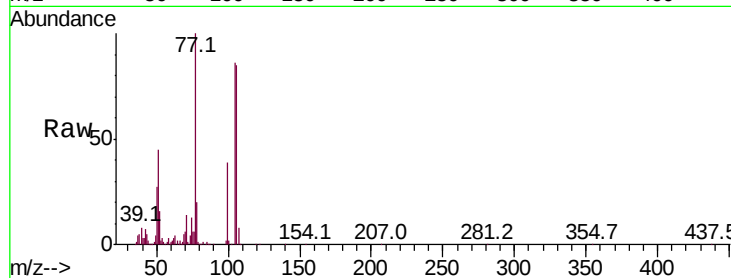
Tot Ion: 77 Resp: 243811

Ion Ratio Lower Upper

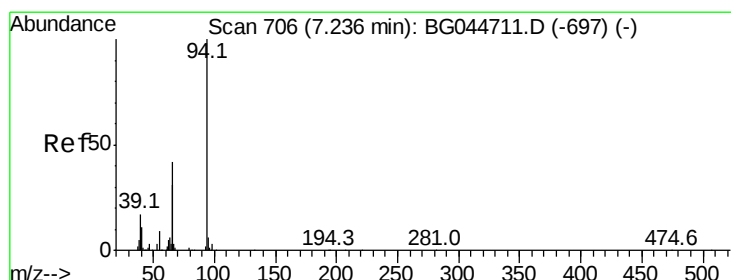
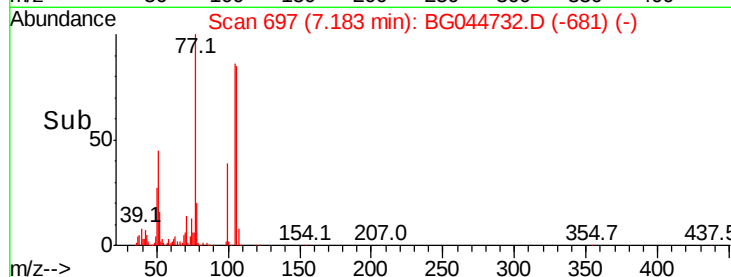
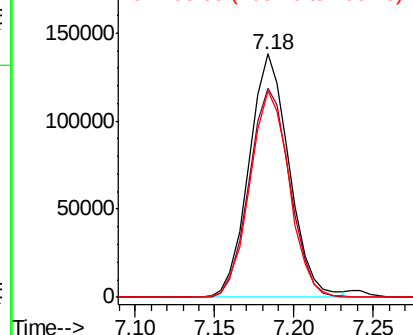
77 100

105 85.9 68.6 108.6

106 84.9 65.9 105.9



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: 46.540 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

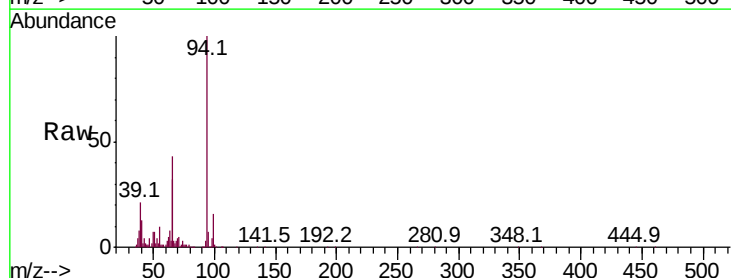
Tgt Ion: 94 Resp: 410102

Ion Ratio Lower Upper

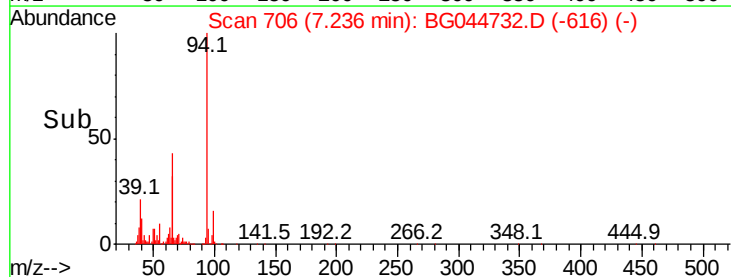
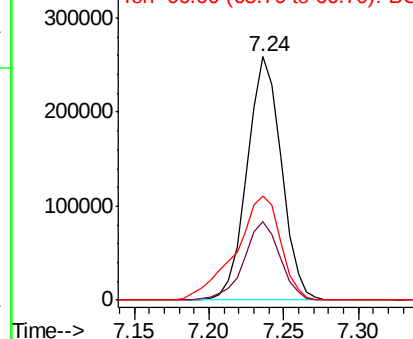
94 100

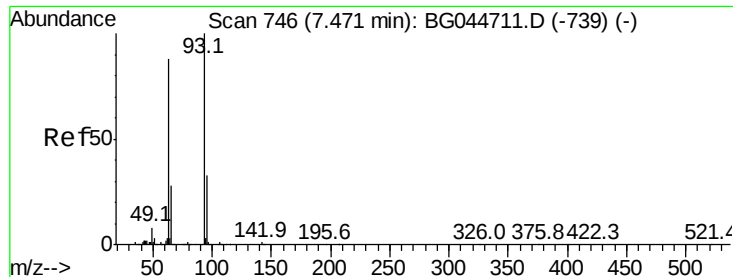
65 32.2 11.3 51.3

66 42.7 22.9 62.9



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

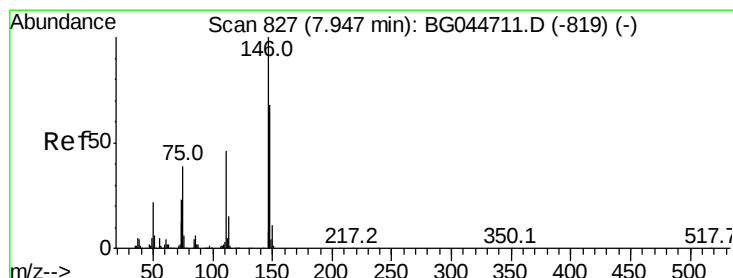
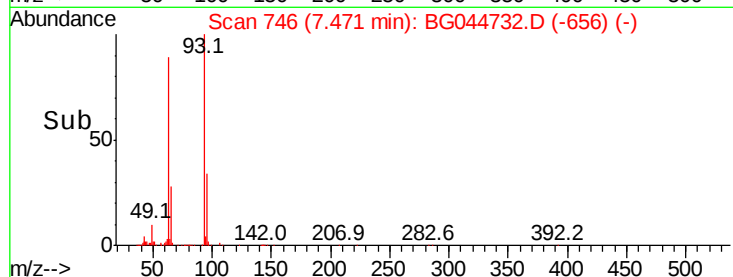
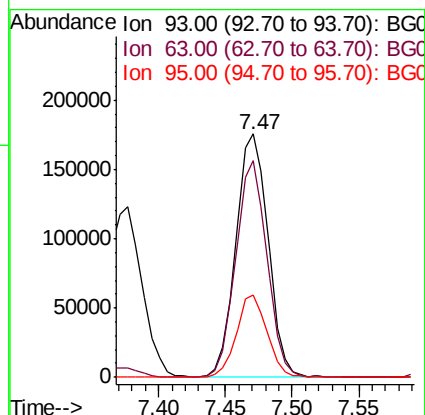
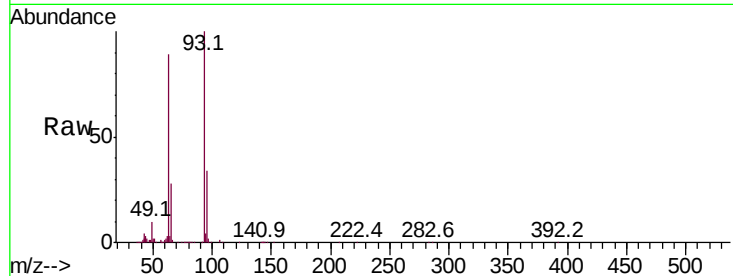




#11
bis(2-Chloroethyl)ether
Concen: 41.693 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

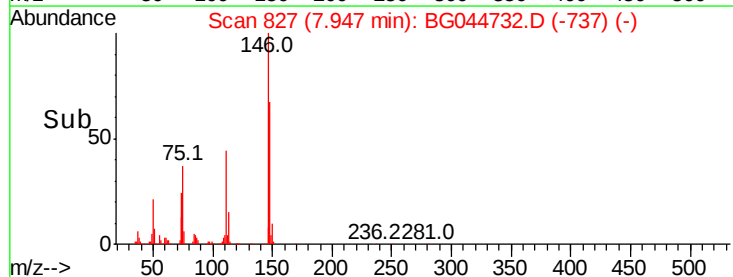
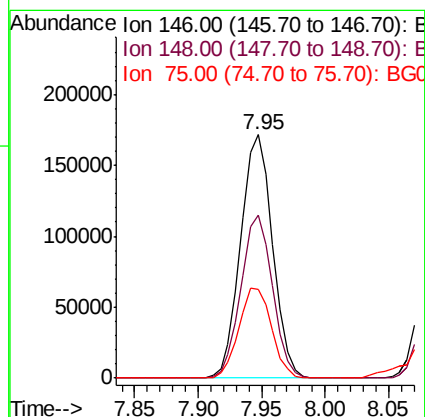
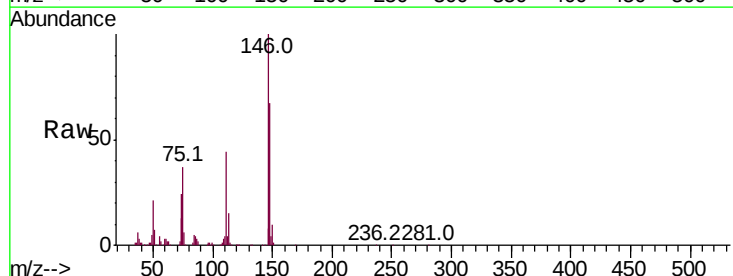
Instrument :
BNA_G
ClientSampleId :

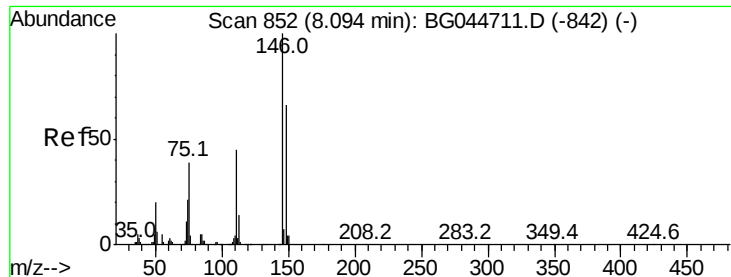
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	68.1	108.1
95	33.7	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 39.776 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	54.2	81.2
75	36.7	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 40.287 ng

RT: 8.09 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

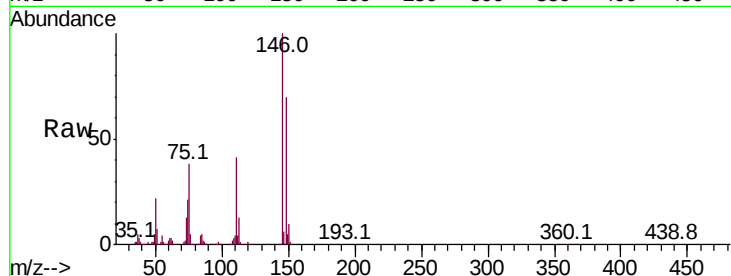
Tot Ion:146 Resp: 300040

Ion Ratio Lower Upper

146 100

148 70.2 52.9 79.3

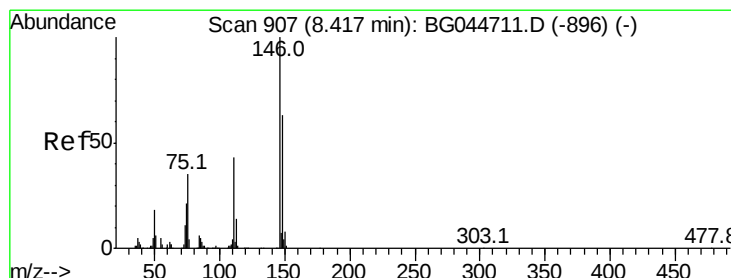
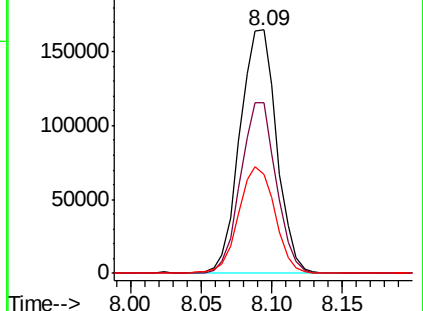
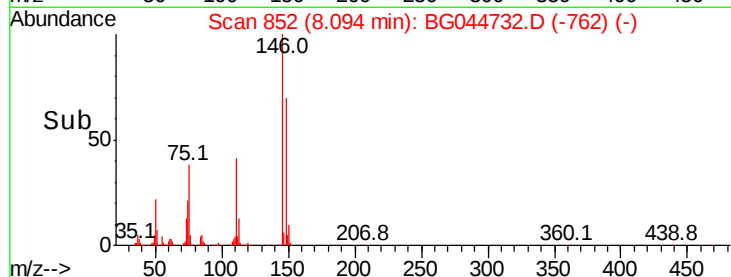
111 40.6 35.6 53.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.326 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

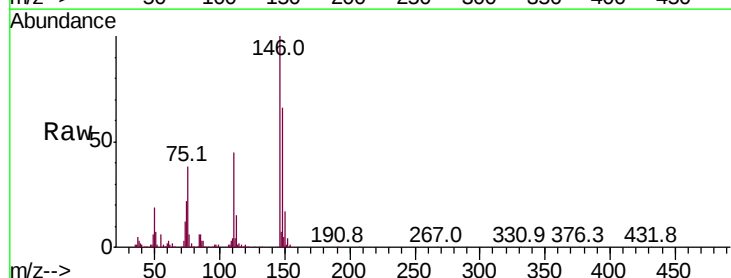
Tgt Ion:146 Resp: 284831

Ion Ratio Lower Upper

146 100

148 66.3 50.8 76.2

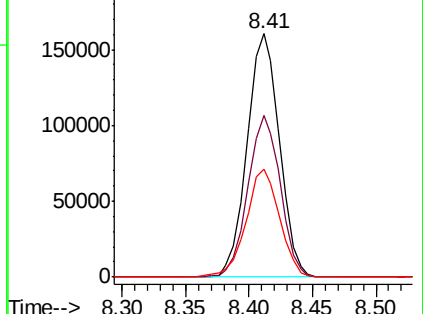
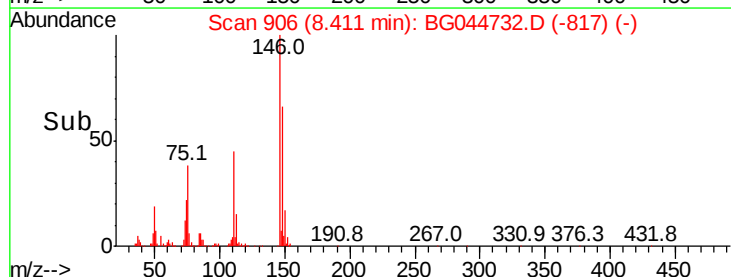
111 44.6 34.8 52.2

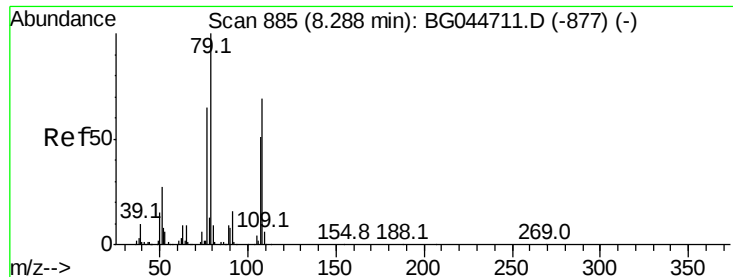


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.187 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

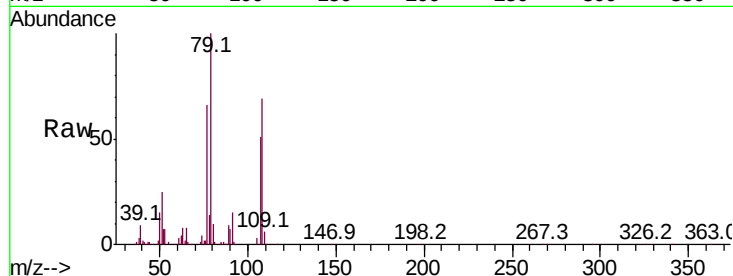
Tot Ion: 79 Resp: 315558

Ion Ratio Lower Upper

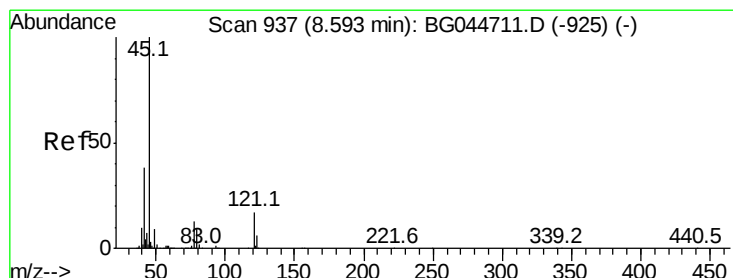
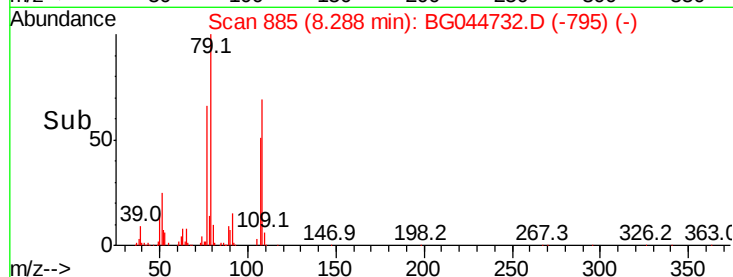
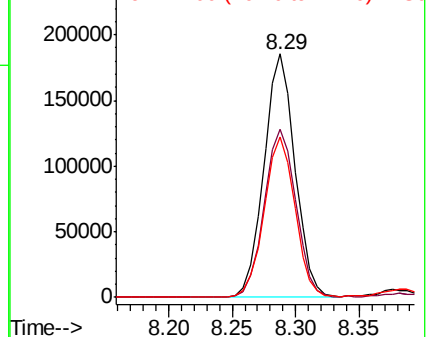
79 100

108 69.1 55.4 83.0

77 66.0 52.2 78.4



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: 38.716 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

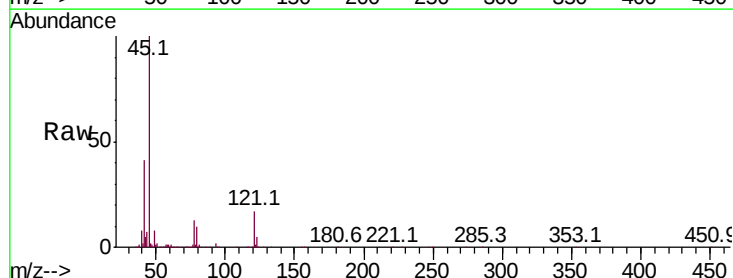
Tgt Ion: 45 Resp: 480486

Ion Ratio Lower Upper

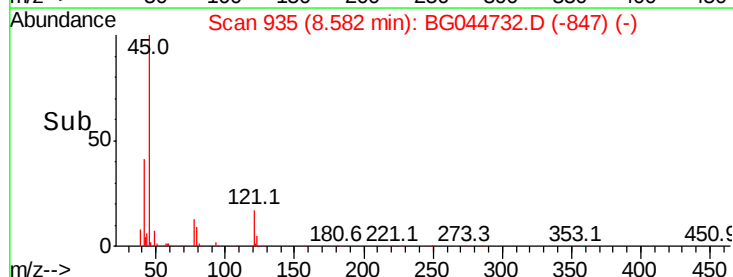
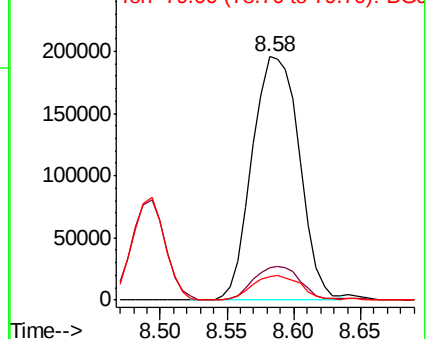
45 100

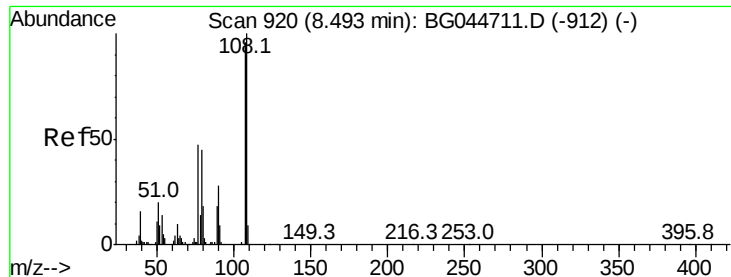
77 13.4 0.0 33.4

79 9.7 0.0 30.0



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: 44.992 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 268559

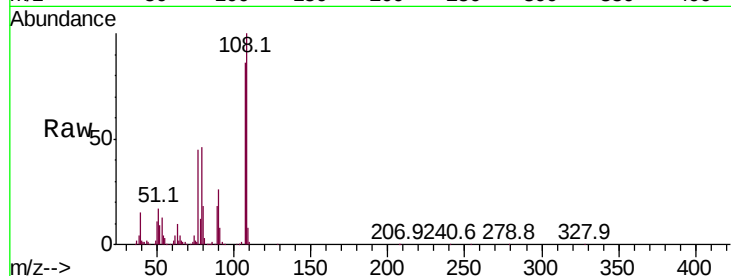
Ion Ratio Lower Upper

107 100

108 116.0 83.2 124.8

77 51.8 39.0 58.6

79 53.7 37.6 56.4

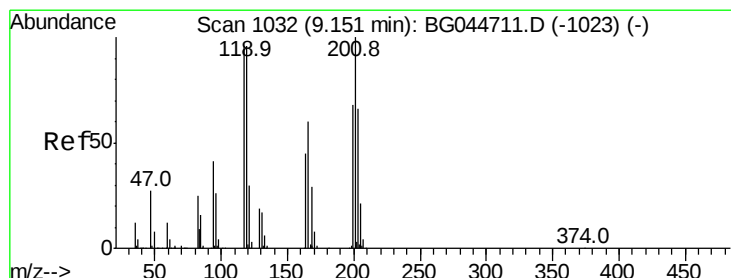
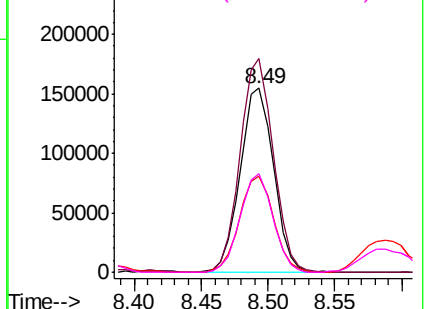
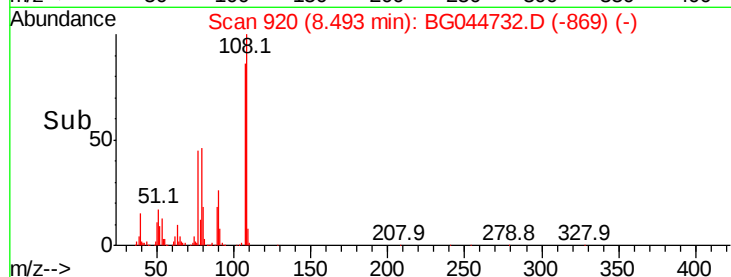


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.341 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

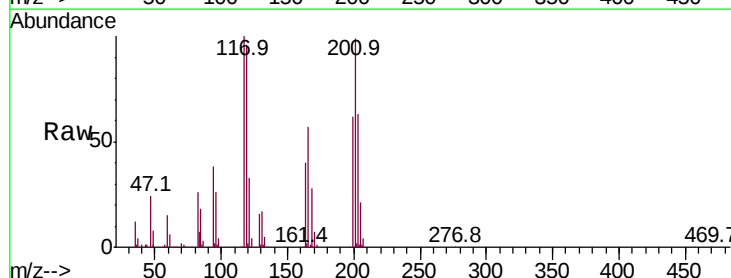
Tgt Ion:117 Resp: 118283

Ion Ratio Lower Upper

117 100

119 95.9 80.2 120.4

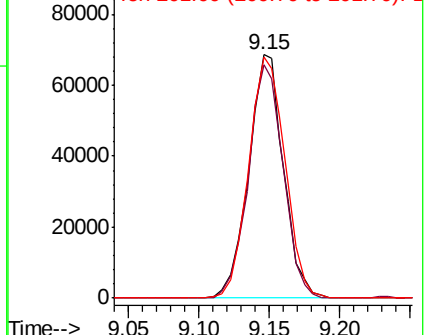
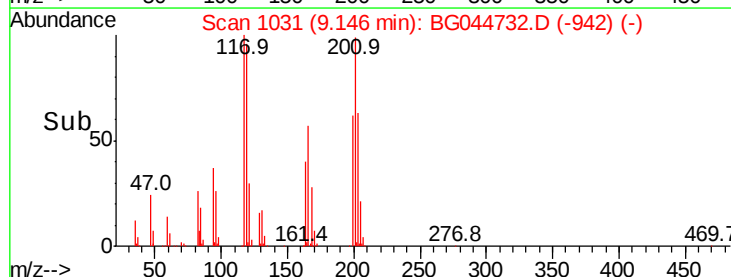
201 99.2 83.4 125.2

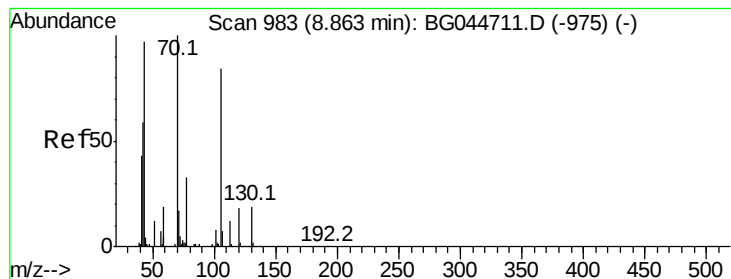


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.057 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 258033

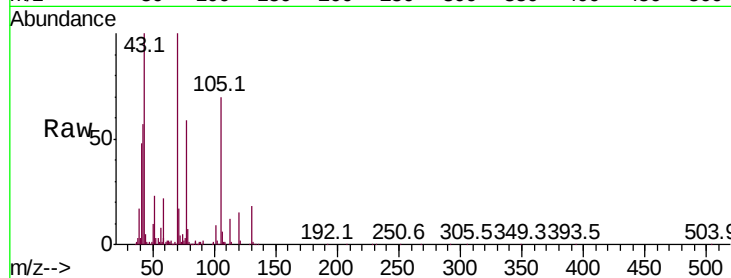
Ion Ratio Lower Upper

70 100

42 57.3 47.6 71.4

101 8.7 6.5 9.7

130 18.1 15.0 22.4

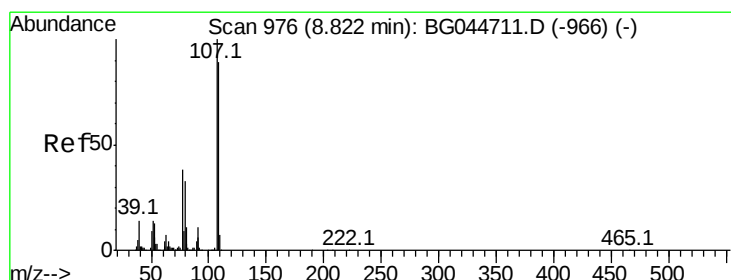
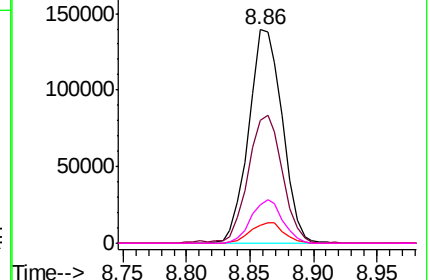
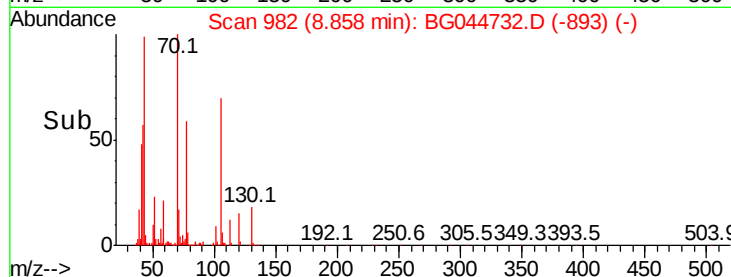


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 45.663 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion: 107 Resp: 375730

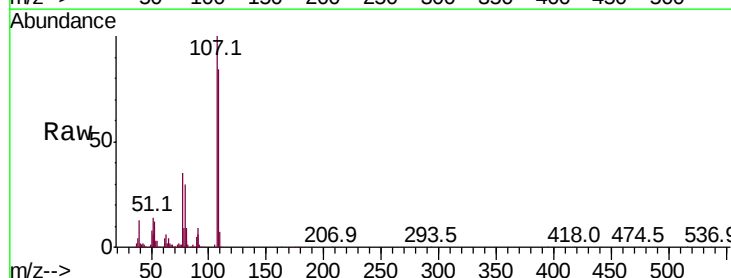
Ion Ratio Lower Upper

107 100

108 84.0 69.1 109.1

77 35.1 17.7 57.7

79 30.3 13.0 53.0

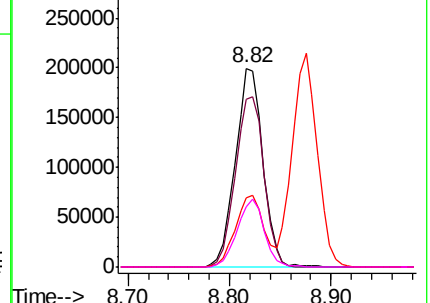
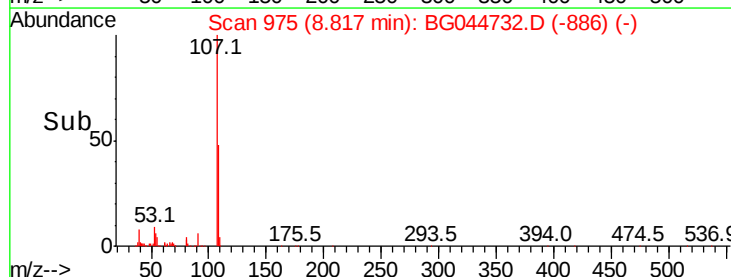


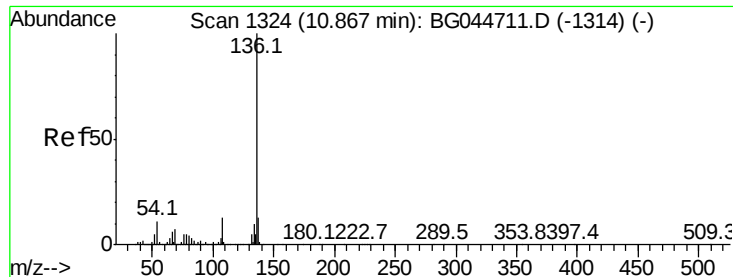
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

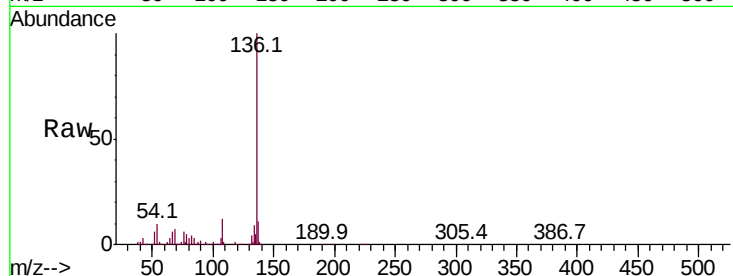




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 402051
Ion Ratio	Lower Upper
136 100	
137 10.6	10.7 16.1#
54 9.8	9.0 13.4
68 7.2	5.9 8.9



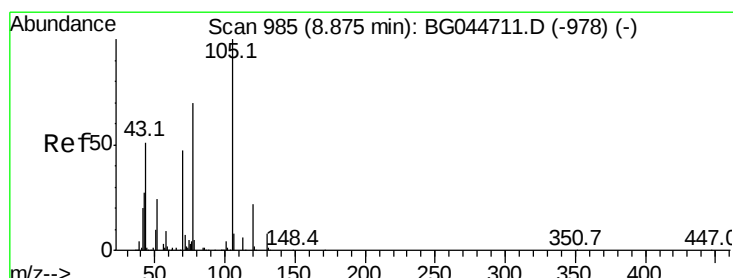
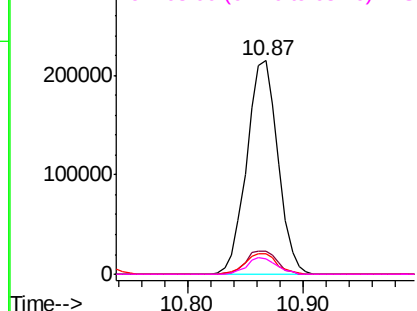
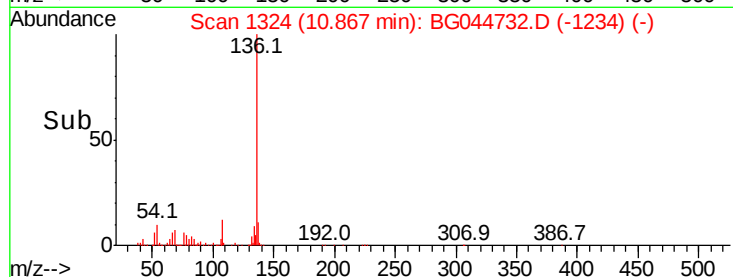
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

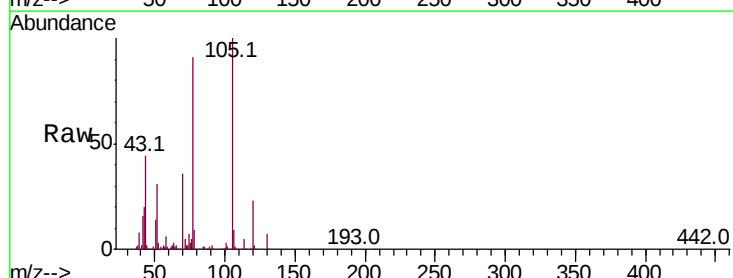
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.212 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt	Ion:105	Resp:	446627
Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.8	8.8#
51	31.1	23.8	35.8
120	22.9	17.3	25.9



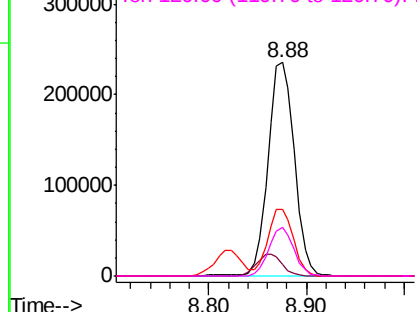
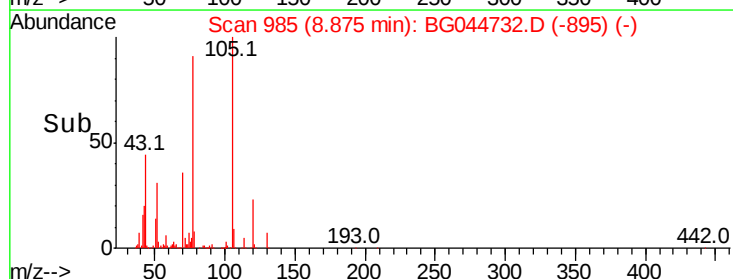
Abundance

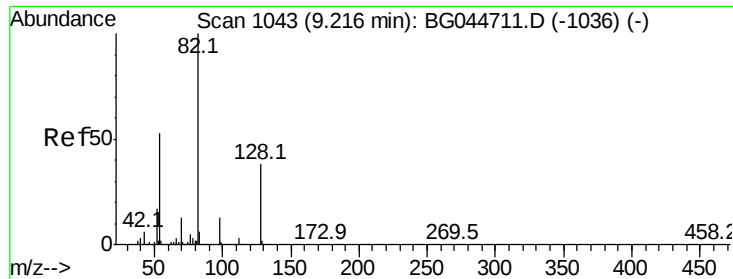
Ion 105.00 (104.70 to 105.70): E

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

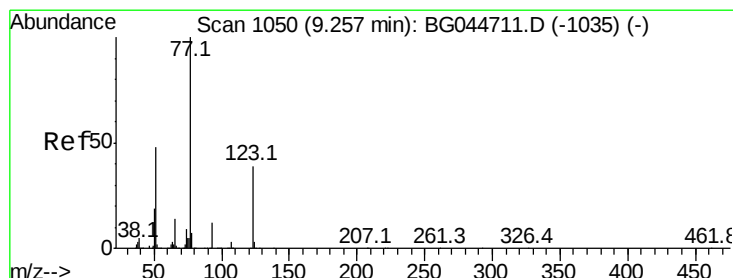
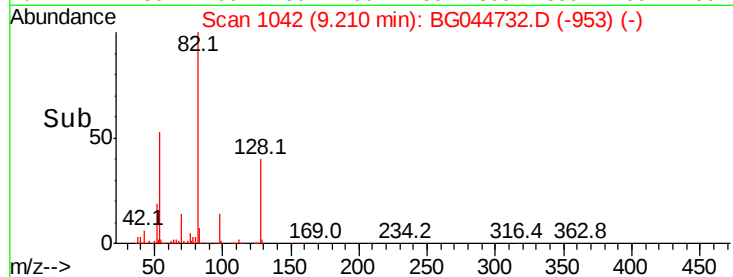
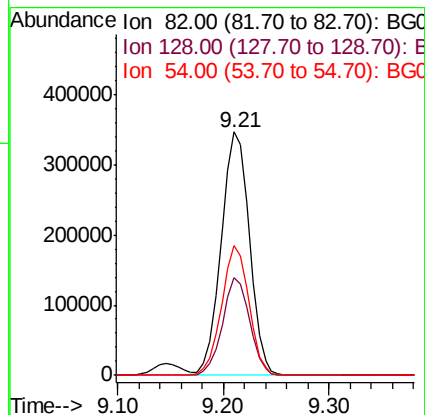
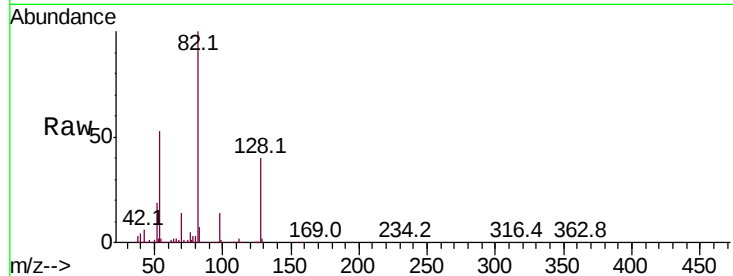




#23
 Nitrobenzene-d5
 Concen: 70.463 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

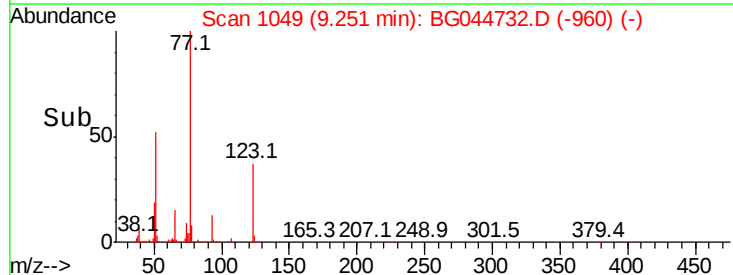
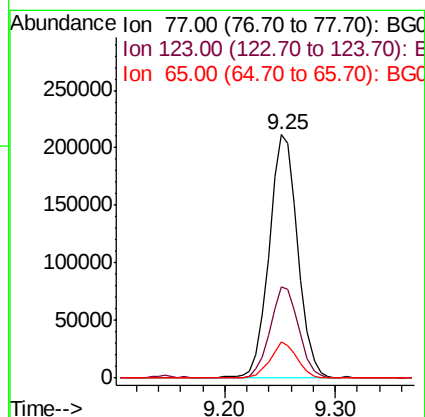
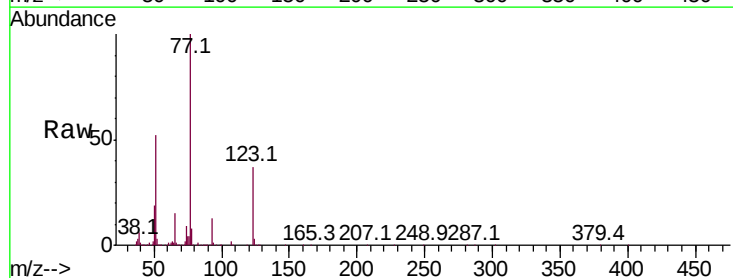
Instrument :
 BNA_G
 ClientSampleId :

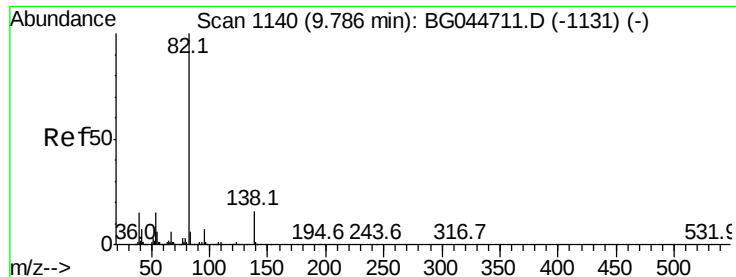
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.2	45.2
54	53.0	41.8	62.8



#24
 Nitrobenzene
 Concen: 40.108 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.4	31.5	47.3
65	14.6	11.0	16.4





#25

Isophorone

Concen: 39.683 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

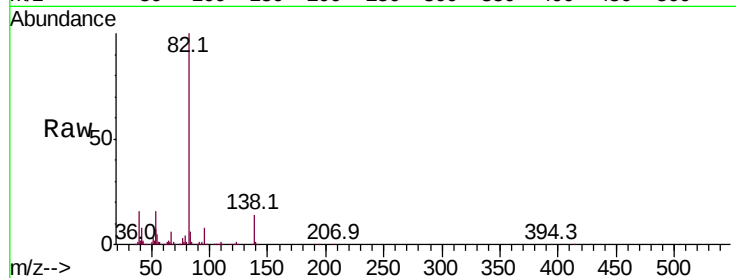
Tot Ion: 82 Resp: 709612

Ion Ratio Lower Upper

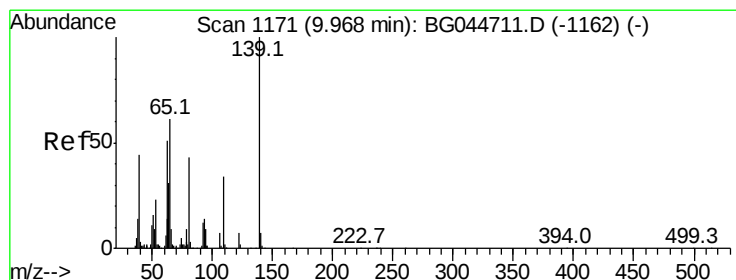
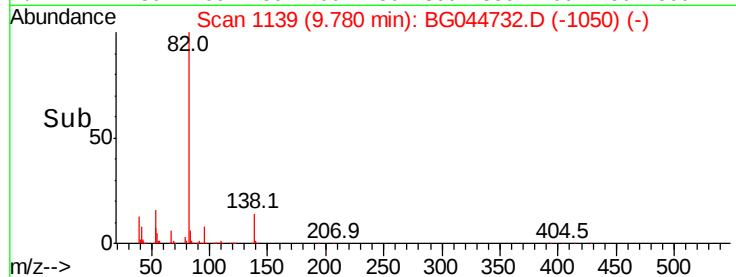
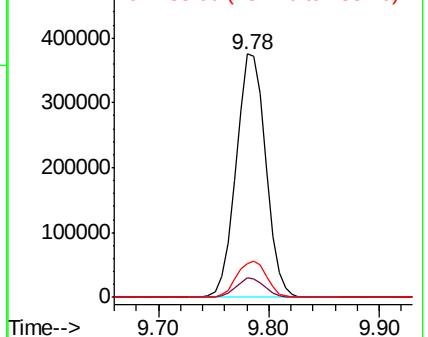
82 100

95 7.9 5.6 8.4

138 14.0 13.0 19.4



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



#26

2-Nitrophenol

Concen: 44.589 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

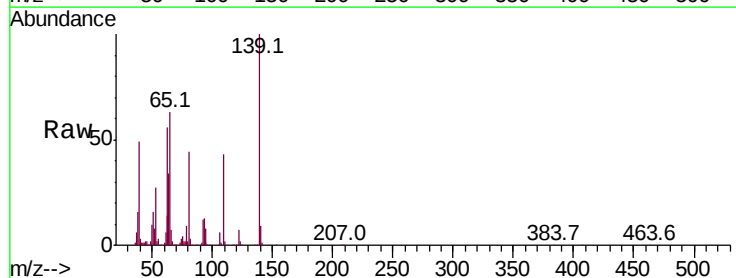
Tgt Ion: 139 Resp: 145705

Ion Ratio Lower Upper

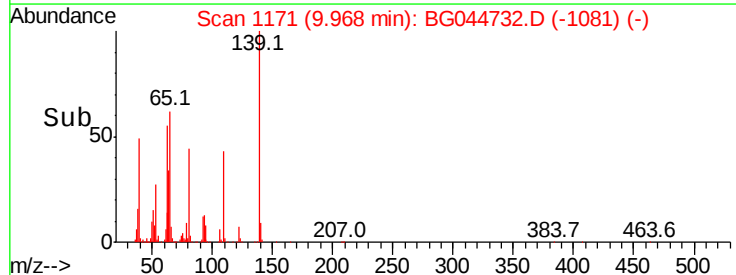
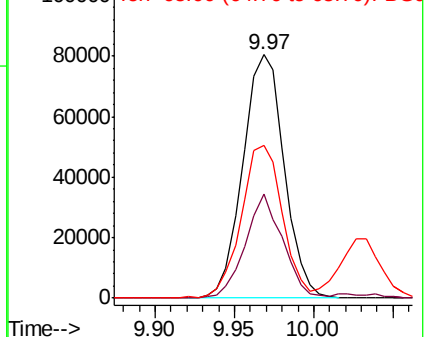
139 100

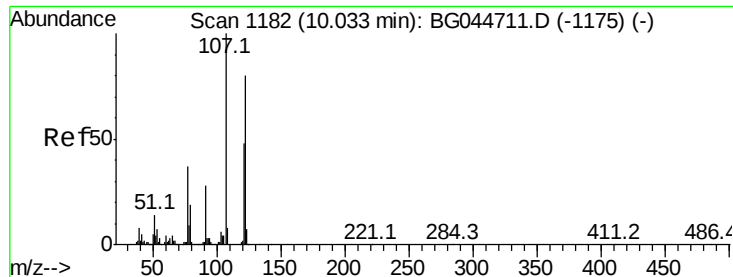
109 42.6 27.0 40.4#

65 62.8 48.6 73.0



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: 49.401 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

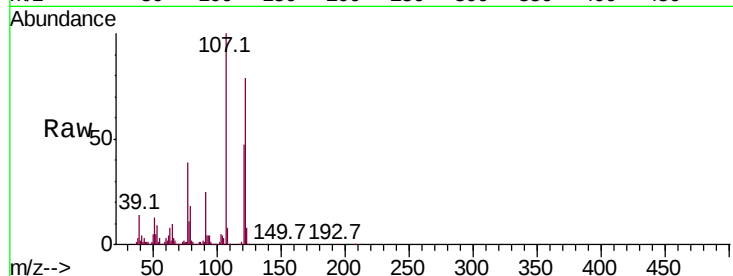
Tot Ion:122 Resp: 287677

Ion Ratio Lower Upper

122 100

107 126.7 99.0 148.6

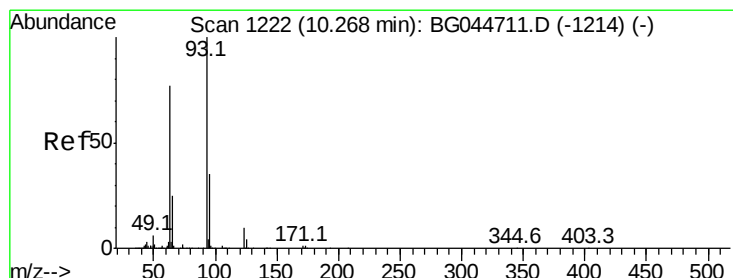
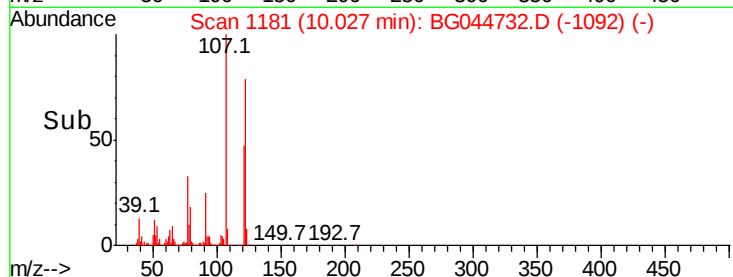
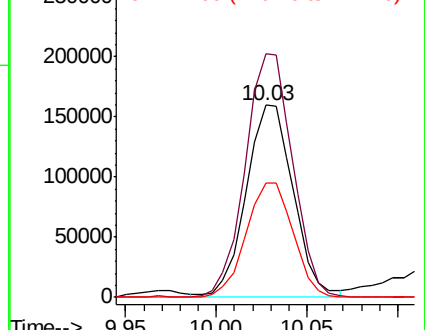
121 59.6 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.429 ng

RT: 10.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

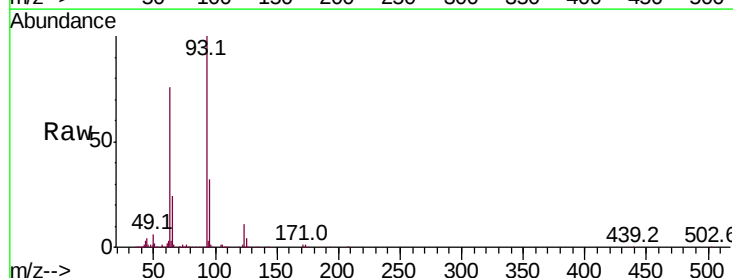
Tgt Ion: 93 Resp: 410100

Ion Ratio Lower Upper

93 100

95 32.5 27.7 41.5

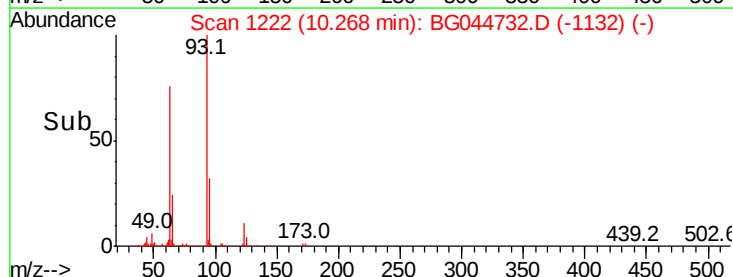
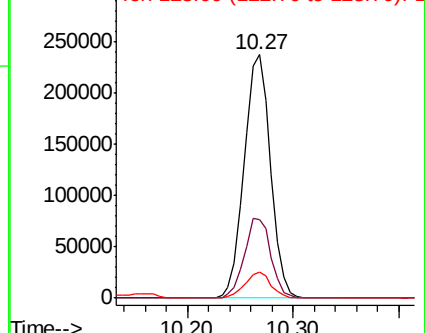
123 10.7 8.1 12.1

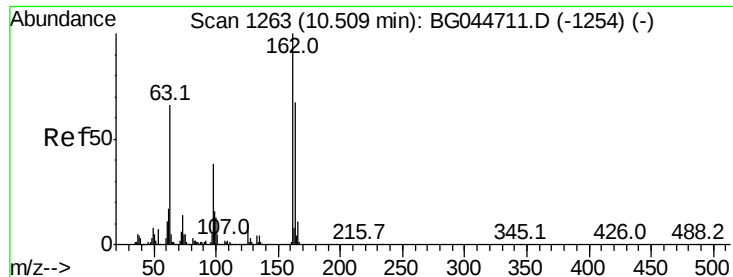


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

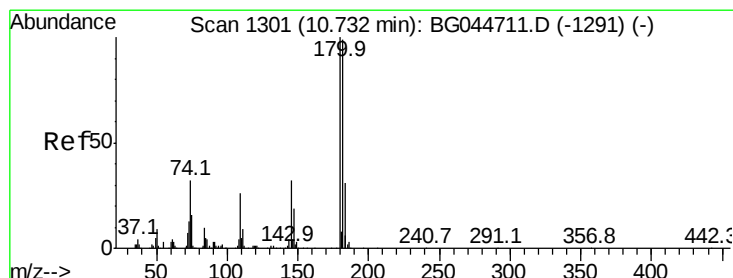
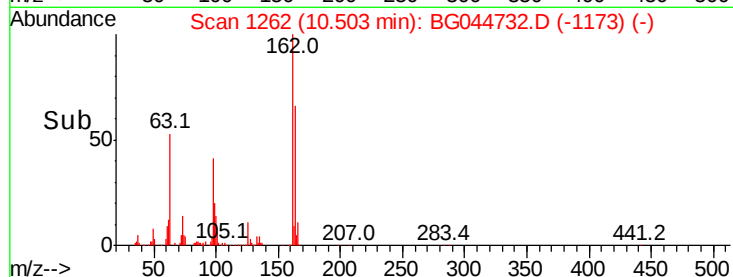
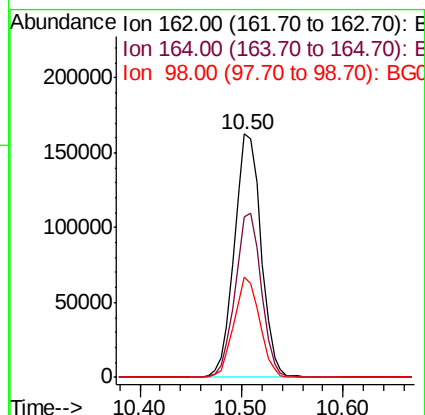
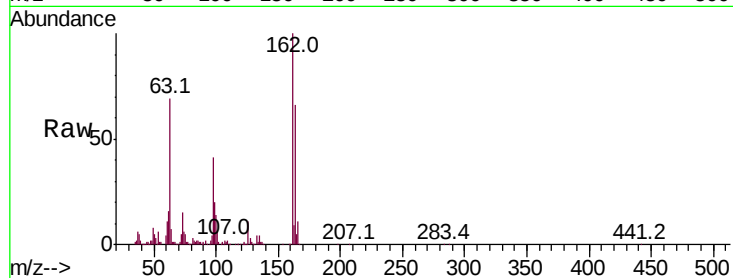




#29
2,4-Dichlorophenol
Concen: 43.728 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

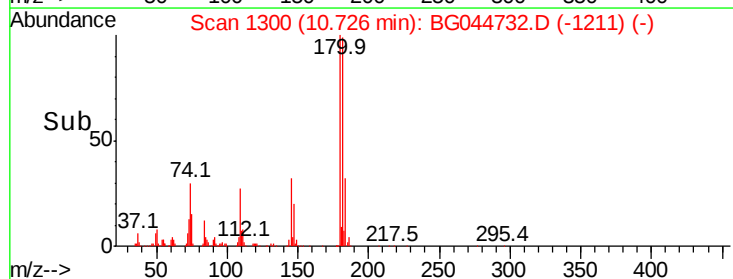
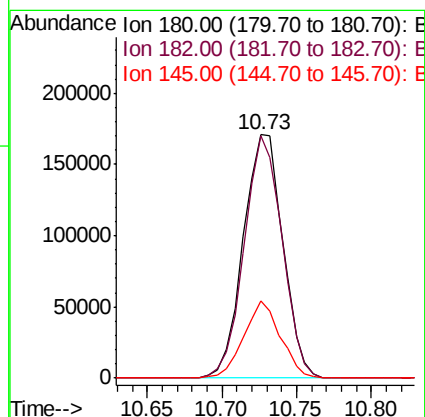
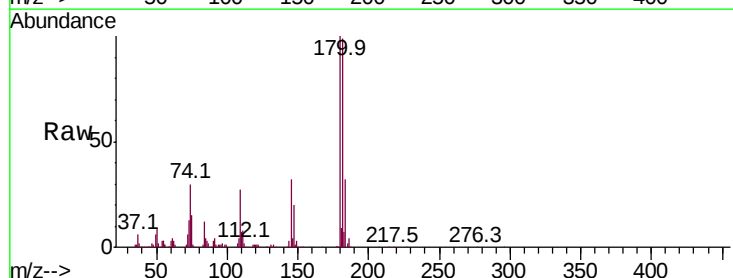
Instrument :
BNA_G
ClientSampleId :

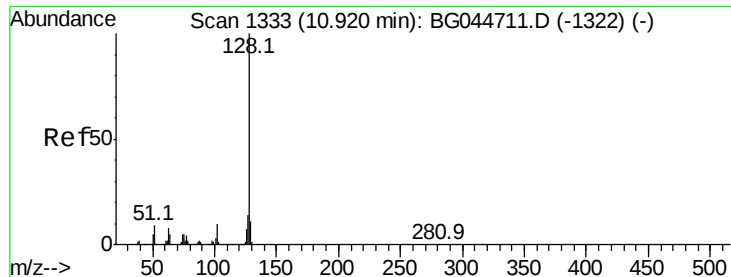
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	46.5	86.5
98	41.0	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 38.522 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	78.8	118.2
145	31.8	25.4	38.0

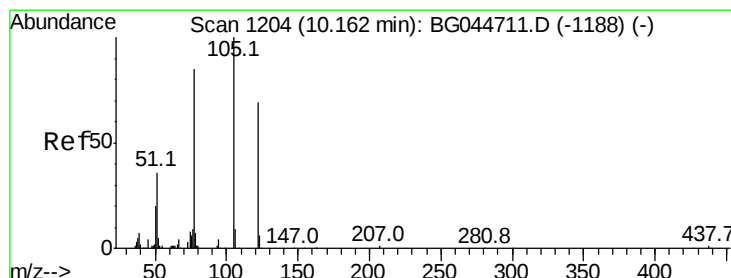
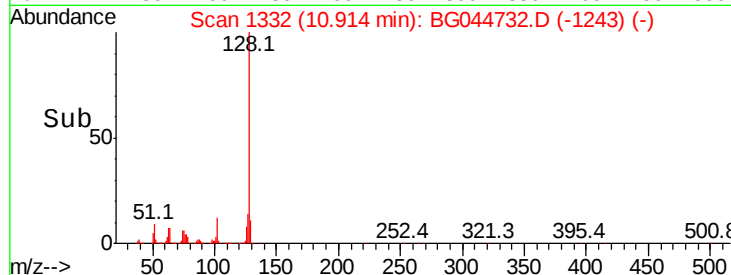
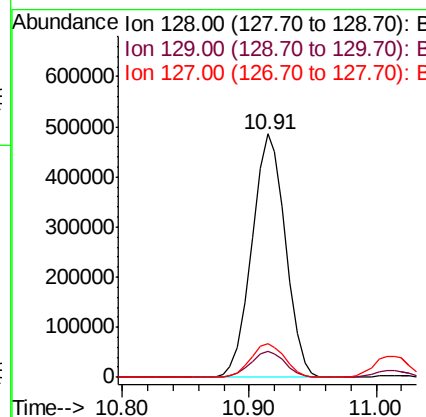
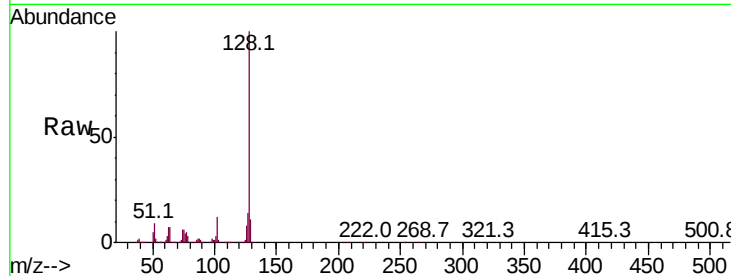




#31
Naphthalene
Concen: 39.976 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

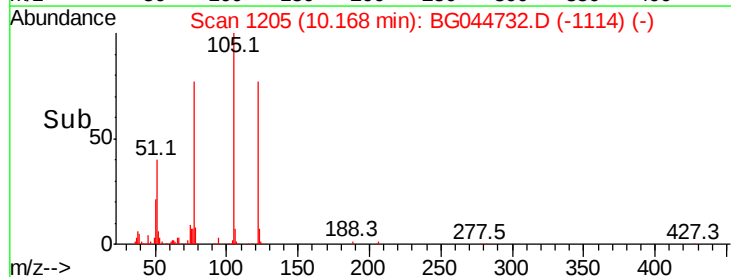
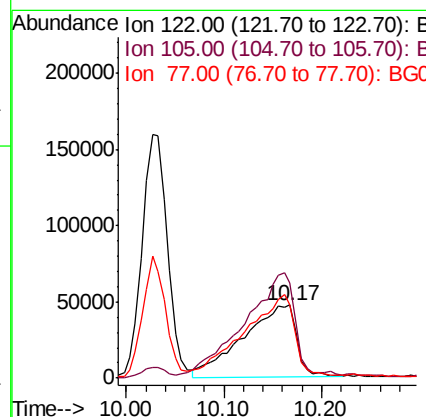
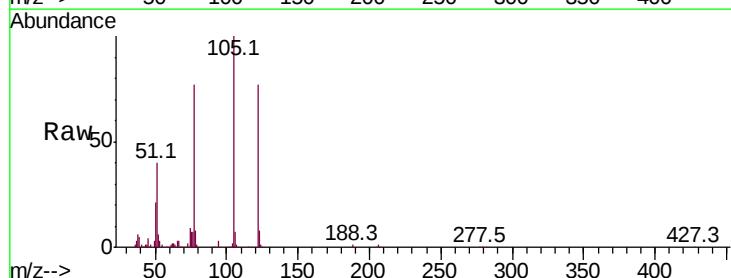
Instrument :
BNA_G
ClientSampleId :

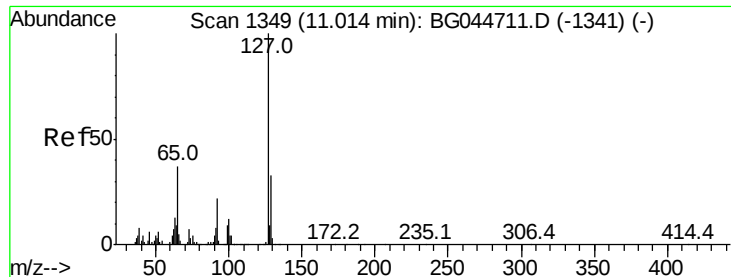
Tot Ion:128 Resp: 890340
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.8 11.0 16.6



#32
Benzoic acid
Concen: 41.233 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion:122 Resp: 179311
Ion Ratio Lower Upper
122 100
105 130.1 119.0 159.0
77 100.8 96.4 136.4

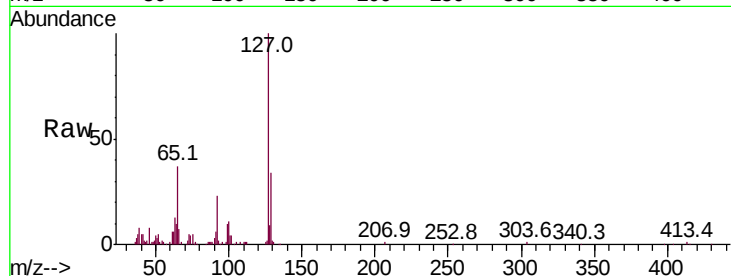




#33
4-Chloroaniline
Concen: 8.465 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.4
65	36.6	29.6	44.4
92	23.0	17.4	26.0



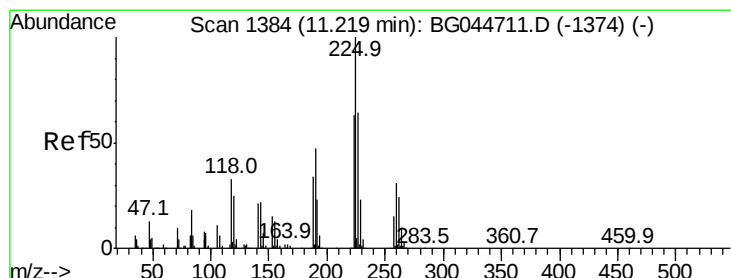
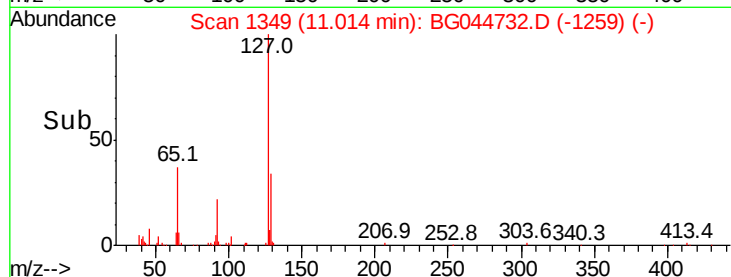
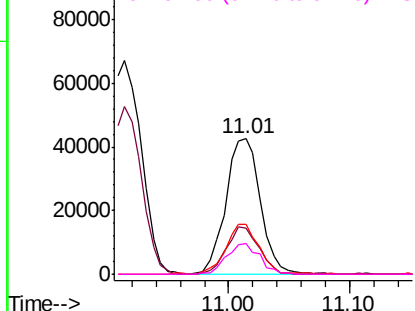
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

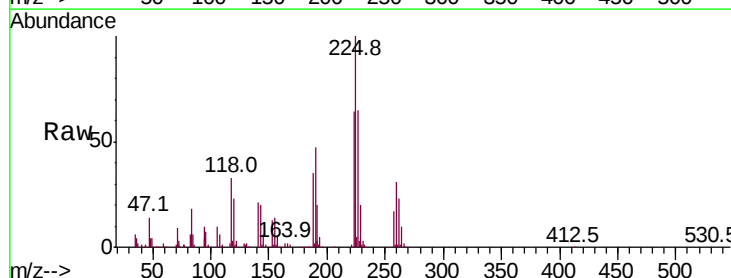
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.731 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	65.0	51.6	77.4

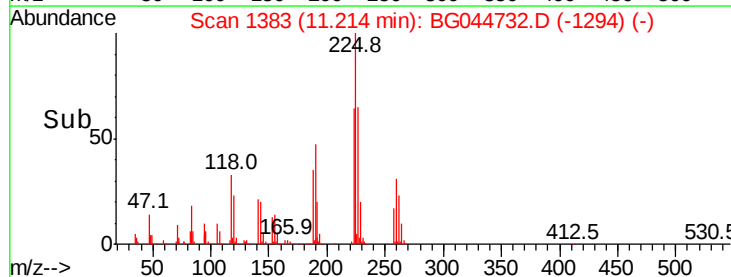
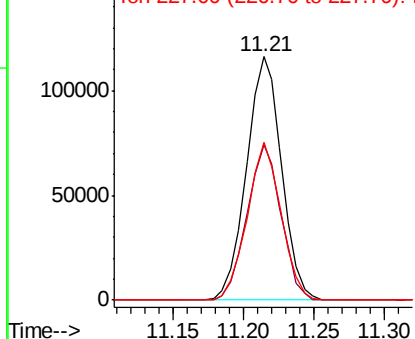


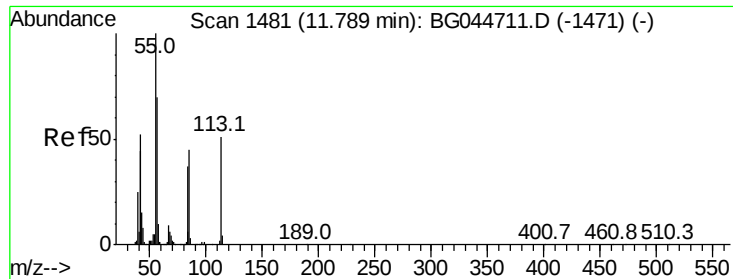
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

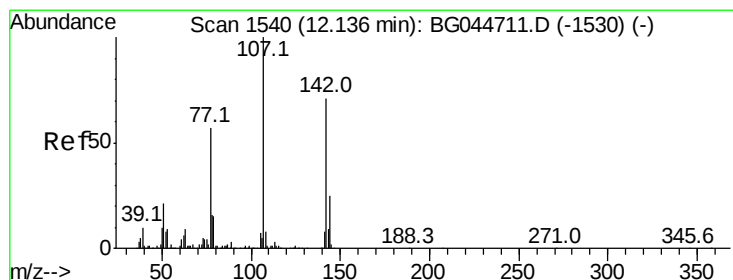
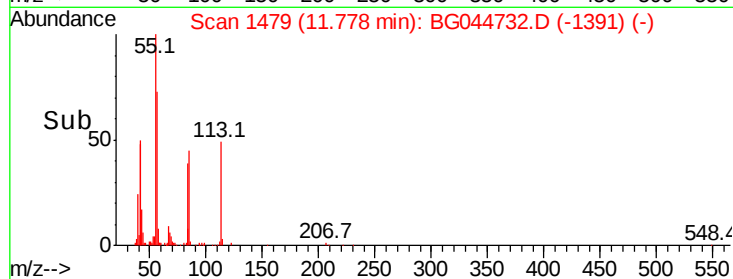
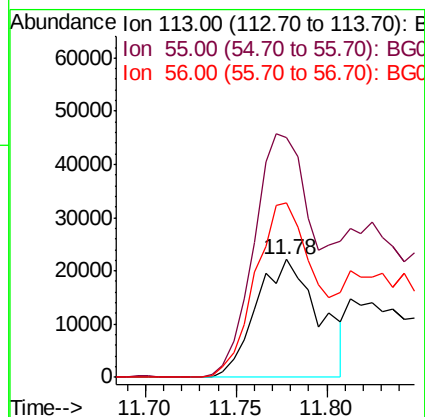
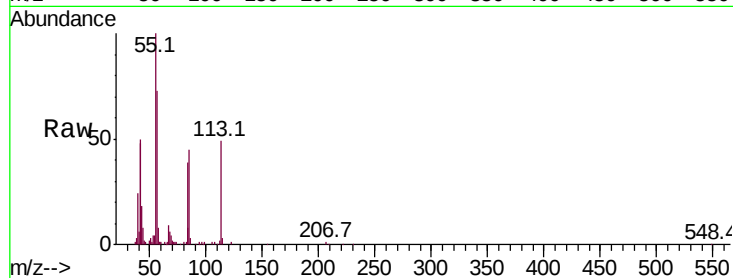




#35
Caprolactam
Concen: 20.670 ng
RT: 11.78 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

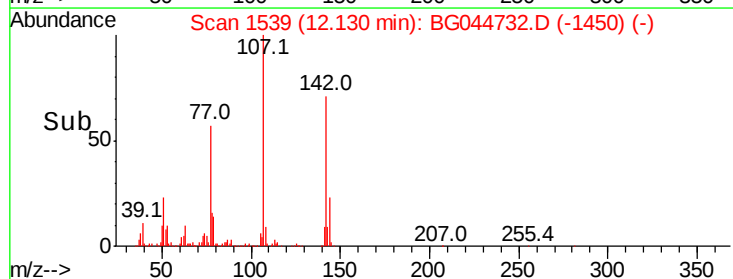
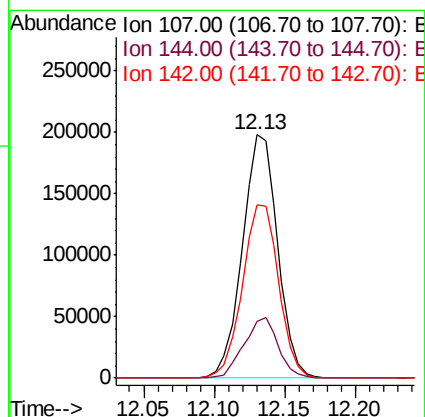
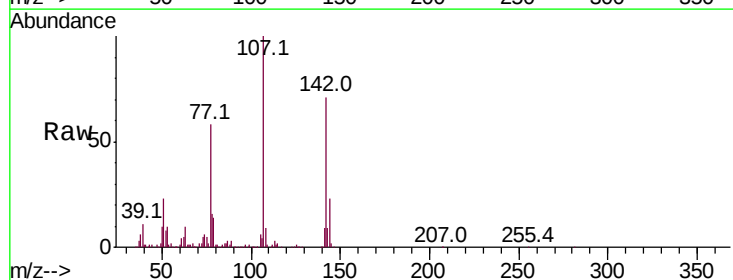
Instrument :
BNA_G
ClientSampleId :

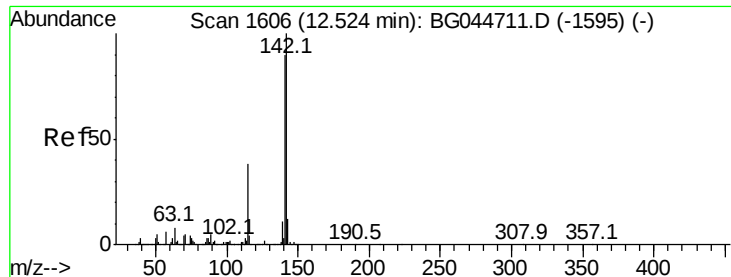
Tot Ion:113 Resp: 53230
Ion Ratio Lower Upper
113 100
55 203.6 178.4 218.4
56 147.9 117.7 157.7



#36
4-Chloro-3-methylphenol
Concen: 42.648 ng
RT: 12.13 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion:107 Resp: 345968
Ion Ratio Lower Upper
107 100
144 23.4 19.6 29.4
142 71.4 56.5 84.7

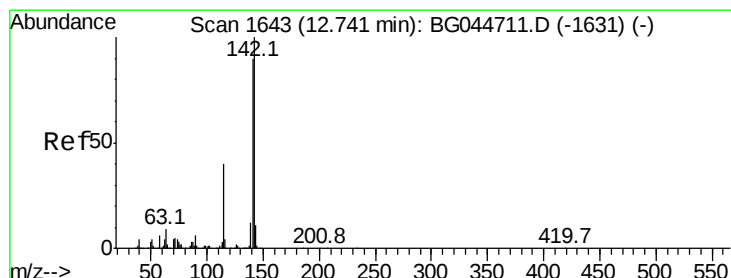
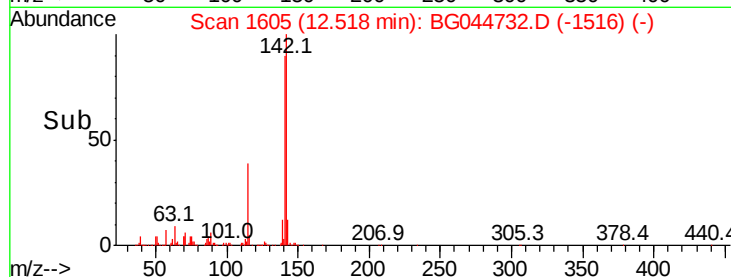
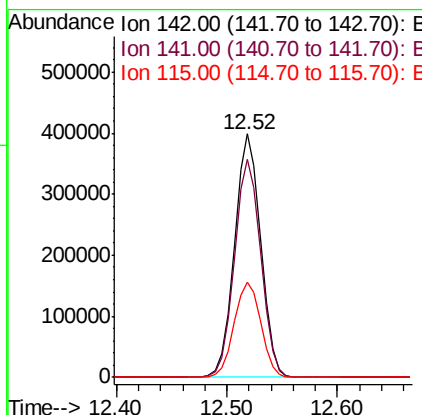
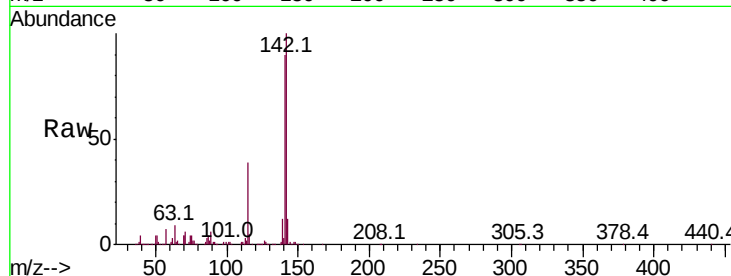




#37
2-Methylnaphthalene
Concen: 39.794 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

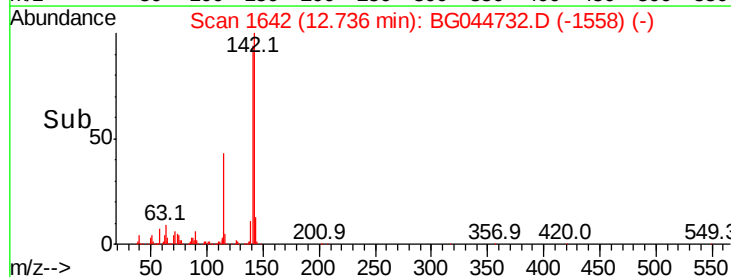
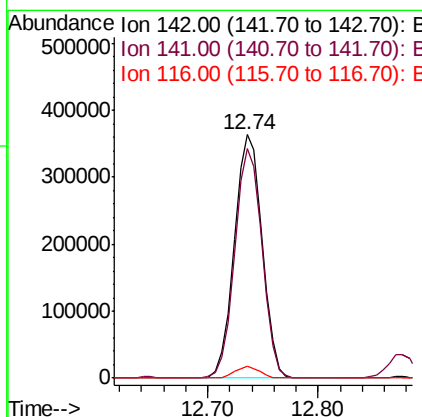
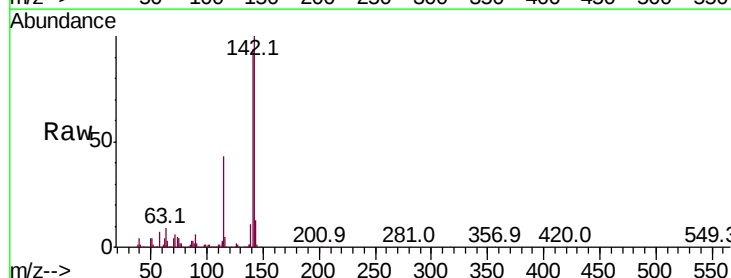
Instrument :
BNA_G
ClientSampleId :

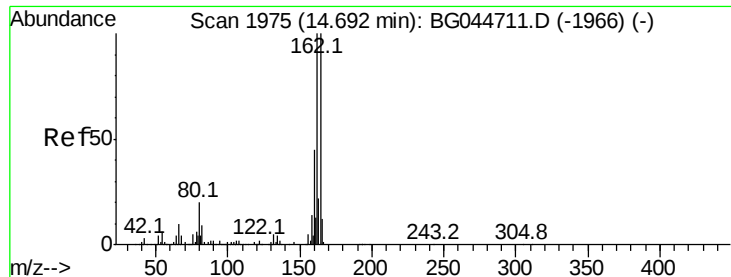
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.3	108.5
115	39.1	30.6	45.8



#38
1-Methylnaphthalene
Concen: 40.868 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	72.2	108.2
116	5.1	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

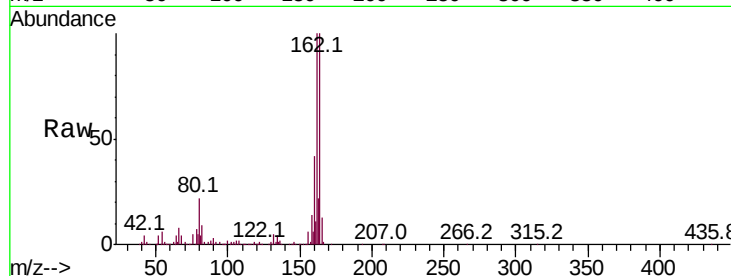
Tot Ion:164 Resp: 282354

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.4

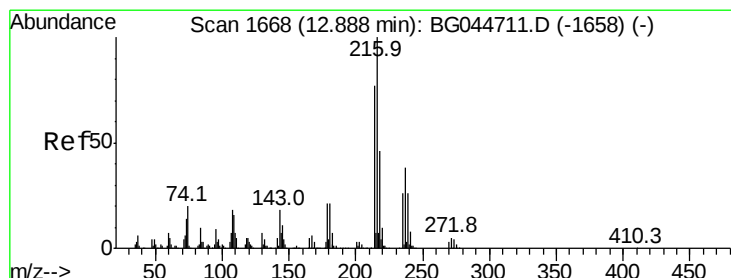
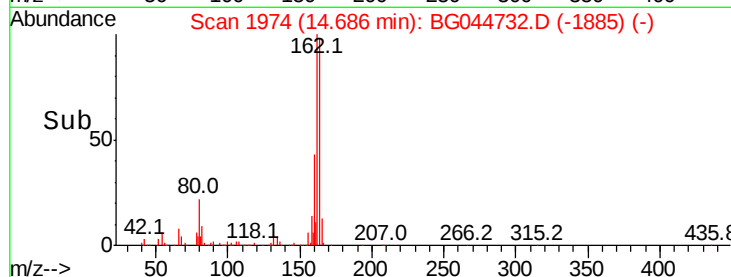
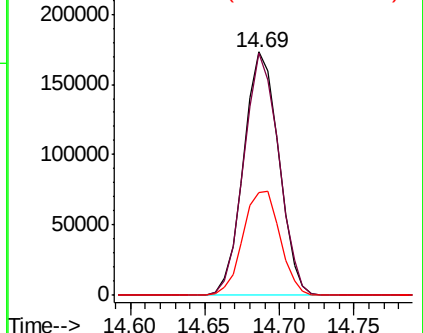
160 42.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.014 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:216 Resp: 344180

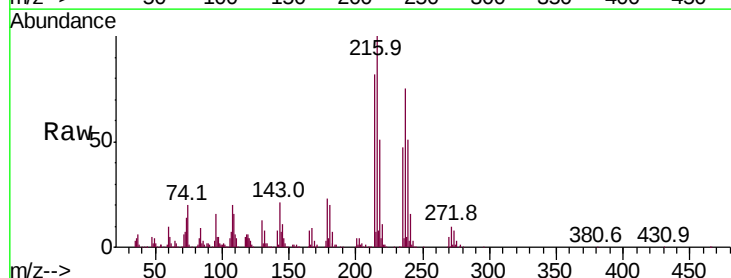
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 20.6 16.6 24.8

108 22.1 15.6 23.4

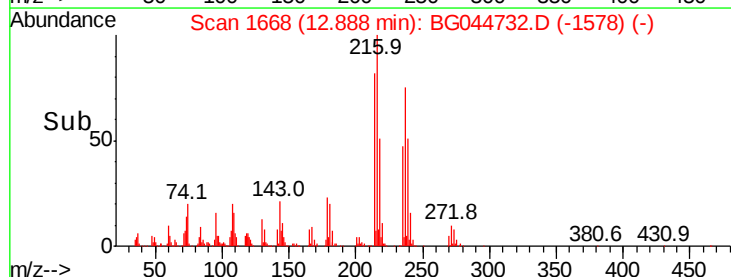
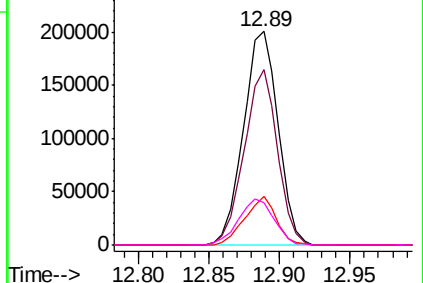


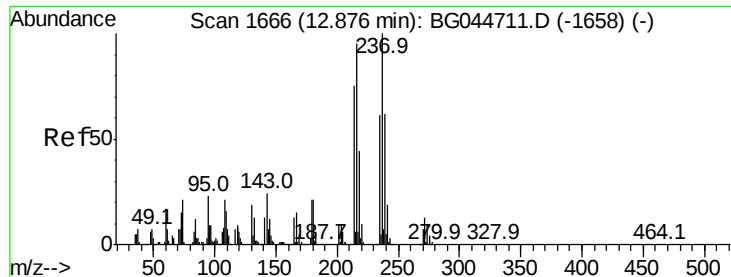
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.774 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

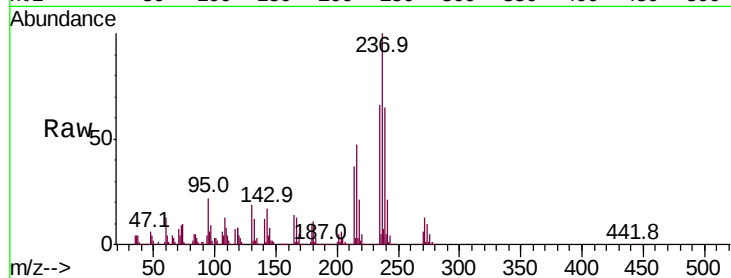
Tot Ion:237 Resp: 461298

Ion Ratio Lower Upper

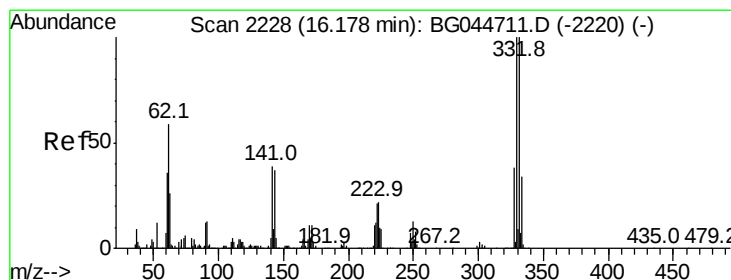
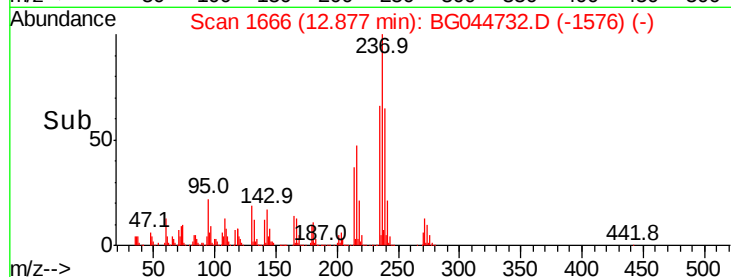
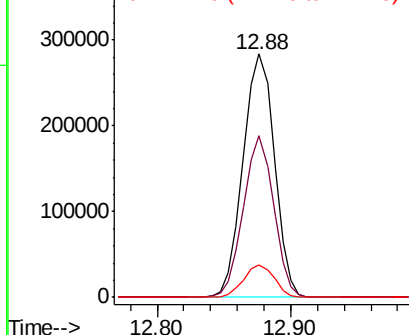
237 100

235 66.4 40.6 80.6

272 13.4 0.0 32.5



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: 103.021 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

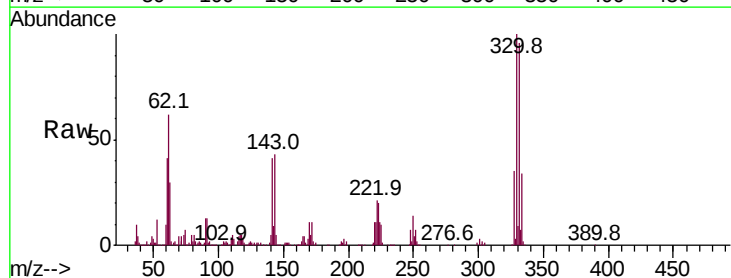
Tgt Ion:330 Resp: 380869

Ion Ratio Lower Upper

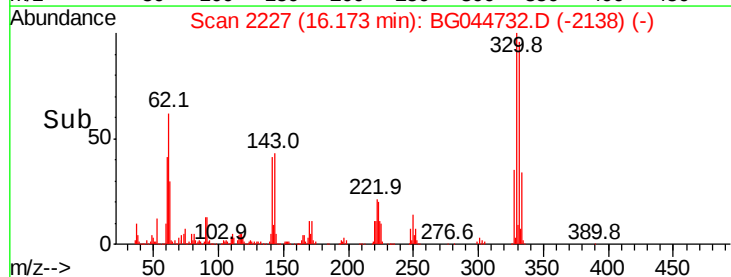
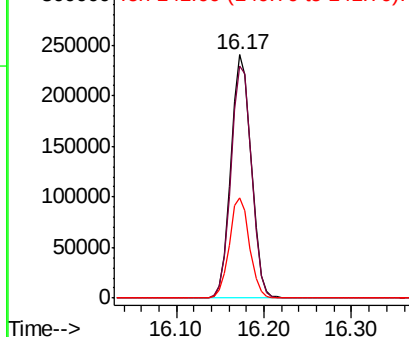
330 100

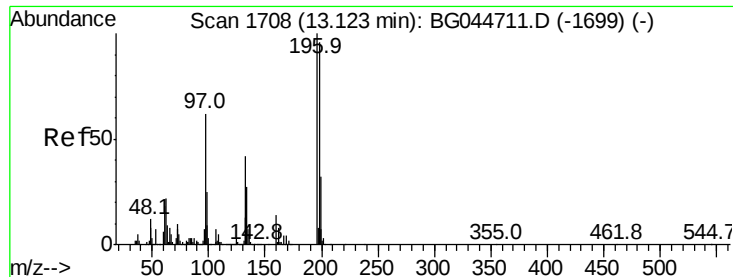
332 96.8 77.5 116.3

141 40.8 31.7 47.5



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

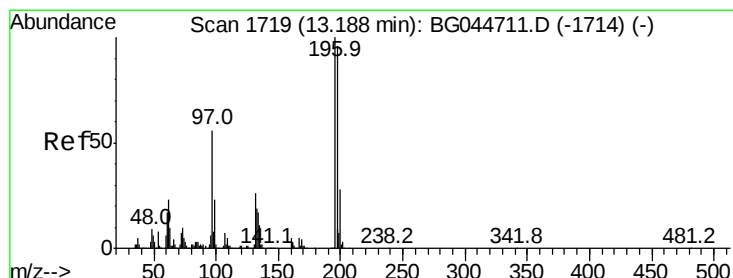
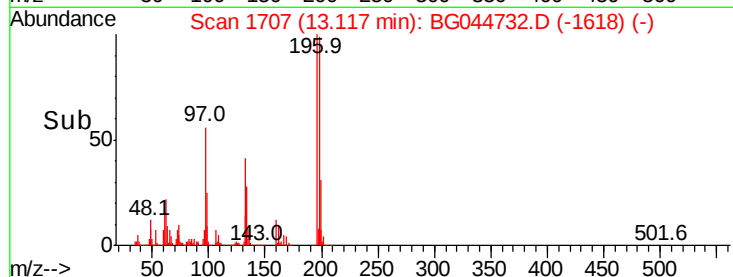
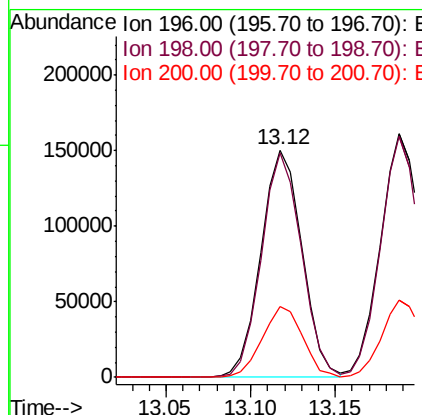
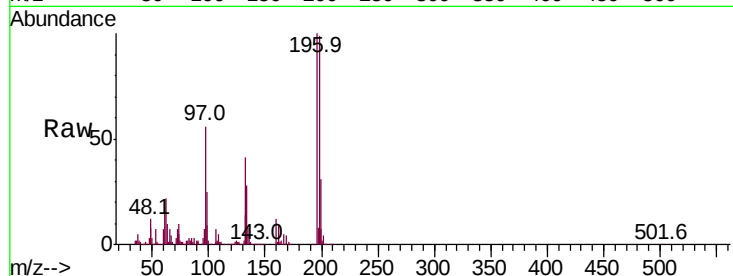




#43
 2,4,6-Trichlorophenol
 Concen: 40.880 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

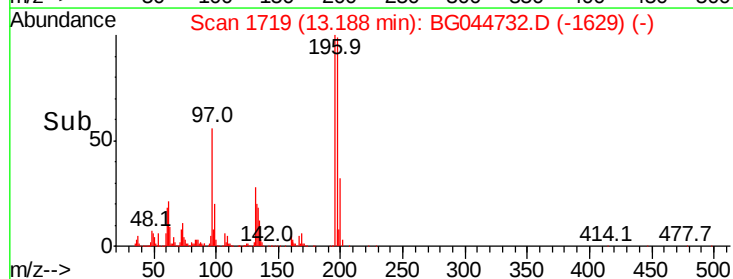
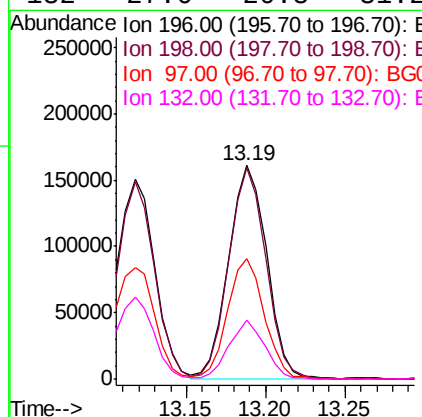
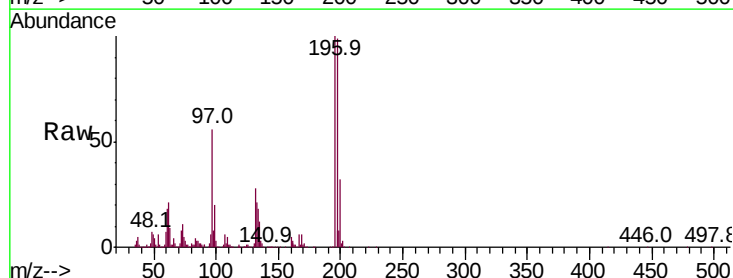
Instrument :
 BNA_G
 ClientSampleId :

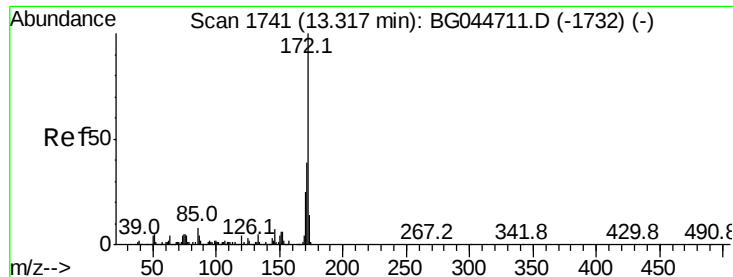
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.9	76.5	114.7
200	31.0	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 42.039 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	77.3	115.9
97	56.1	44.9	67.3
132	27.6	20.8	31.2





#45

2-Fluorobiphenyl

Concen: 66.825 ng

RT: 13.32 min Scan# 1741

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

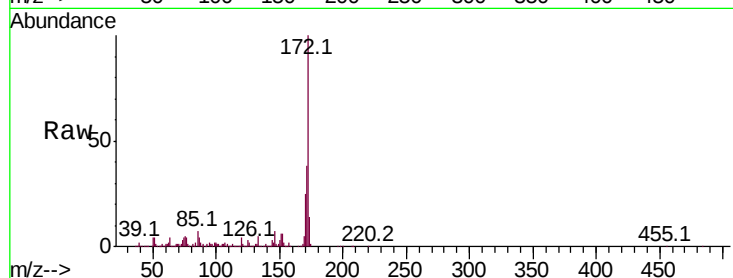
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1317597

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.3	20.0	30.0

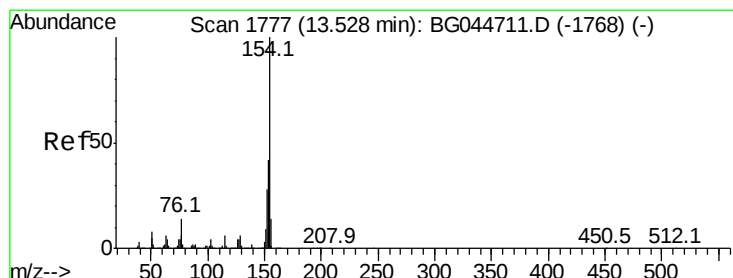
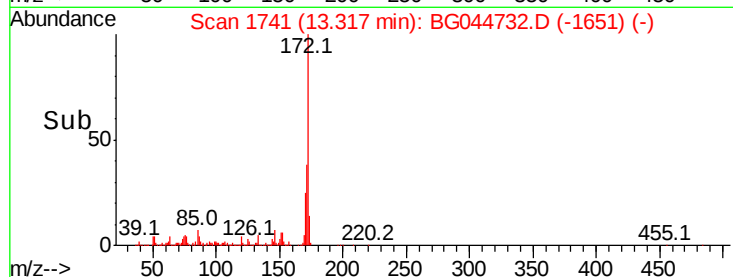
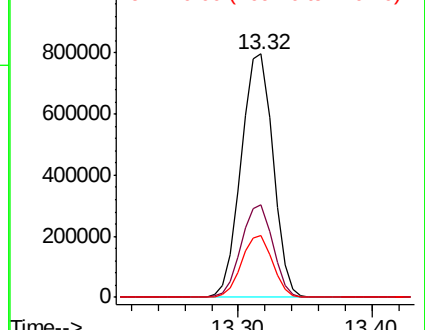


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 37.626 ng

RT: 13.52 min Scan# 1776

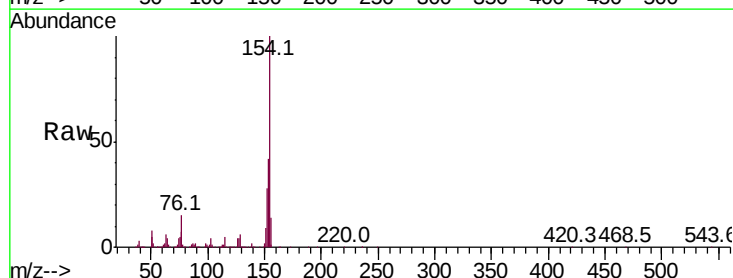
Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:154 Resp: 848974

Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.0	62.0
76	14.8	0.0	34.2

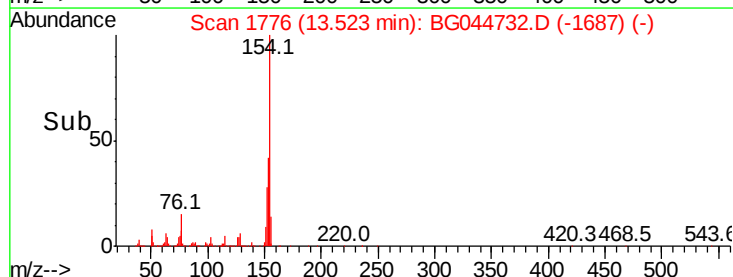
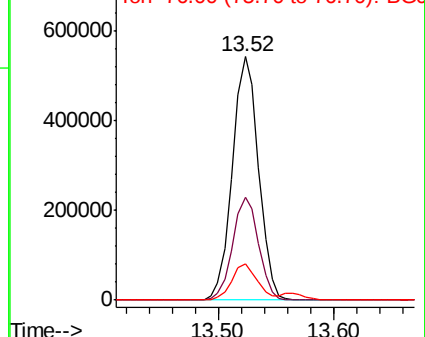


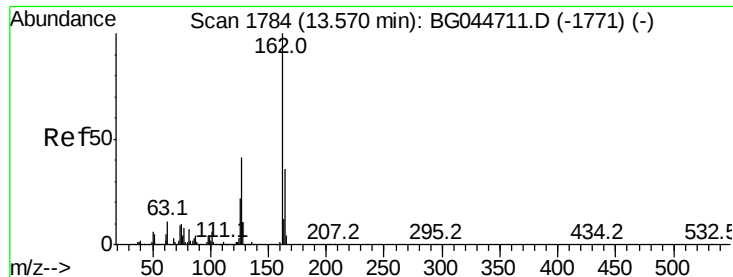
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 37.027 ng

RT: 13.56 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampled :

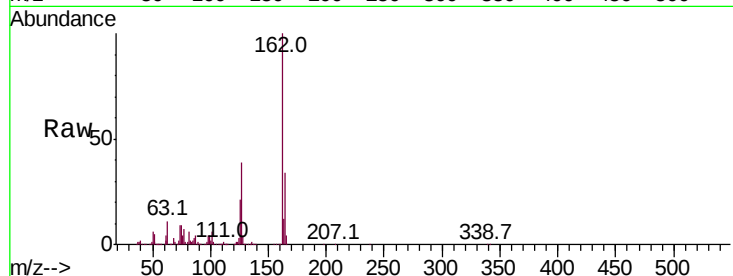
Tot Ion:162 Resp: 638218

Ion Ratio Lower Upper

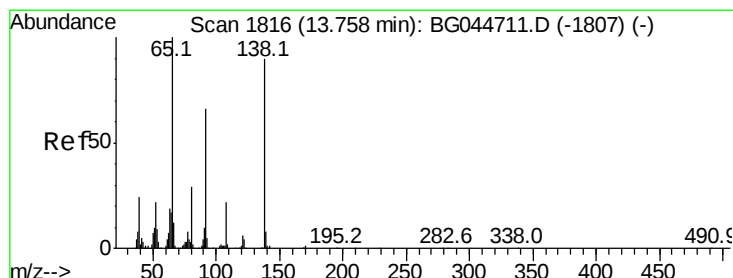
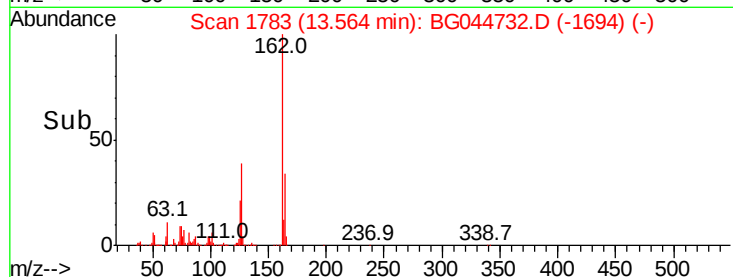
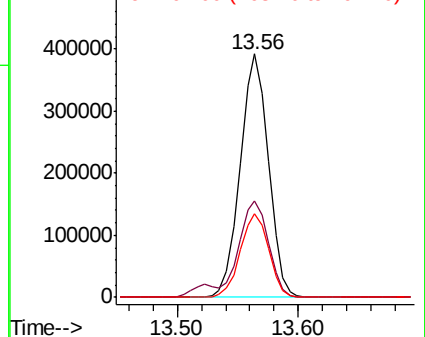
162 100

127 39.4 32.6 48.8

164 34.4 29.0 43.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.346 ng

RT: 13.75 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

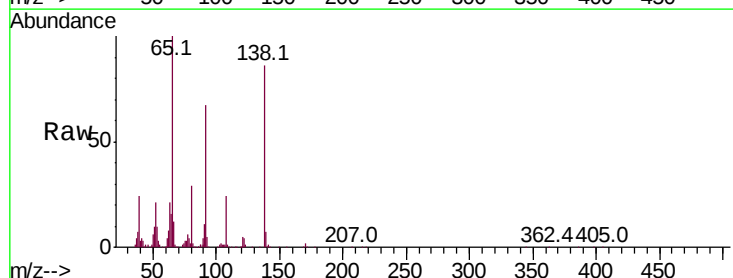
Tgt Ion: 65 Resp: 237434

Ion Ratio Lower Upper

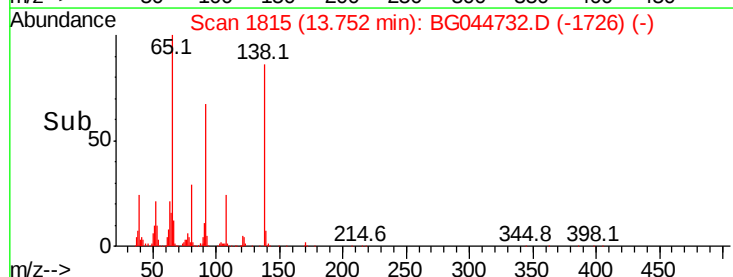
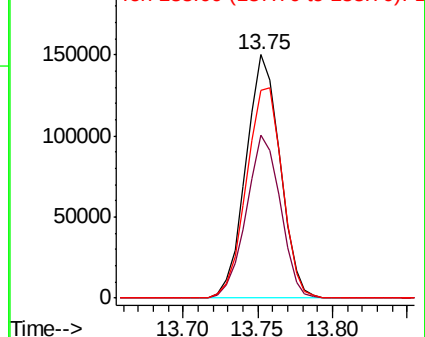
65 100

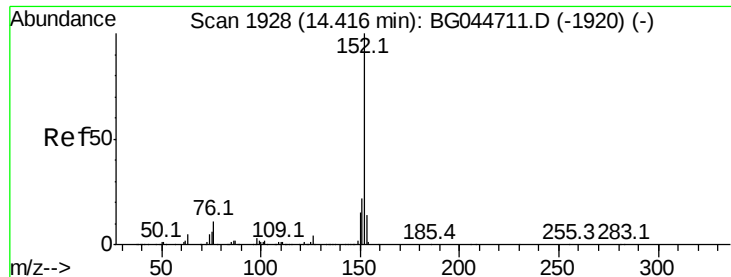
92 66.9 52.6 79.0

138 85.5 71.8 107.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.569 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

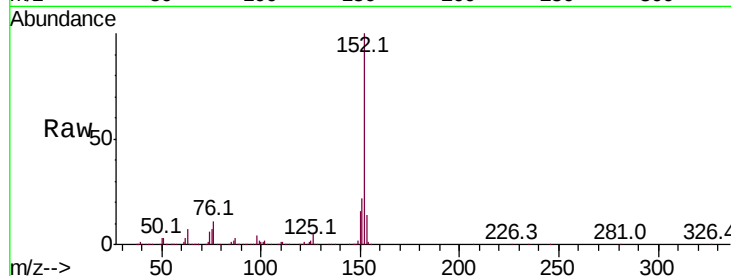
Tot Ion:152 Resp: 1068496

Ion Ratio Lower Upper

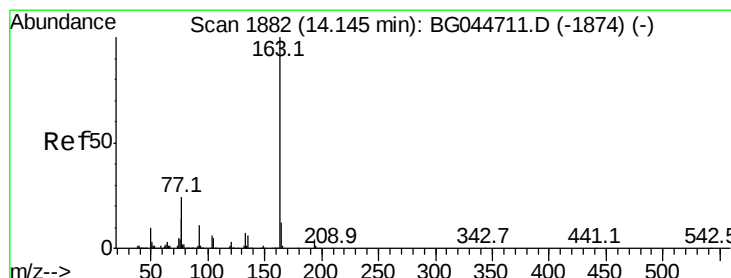
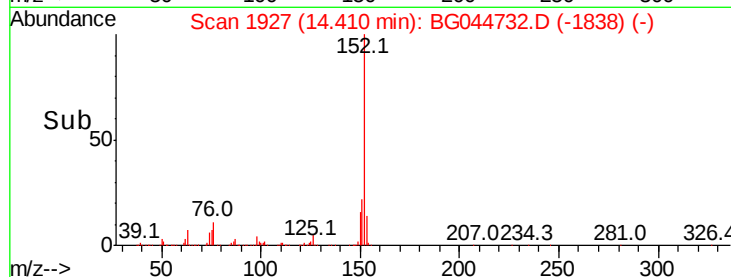
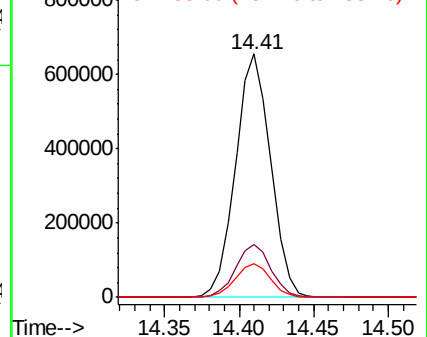
152 100

151 21.9 17.8 26.8

153 13.7 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.089 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

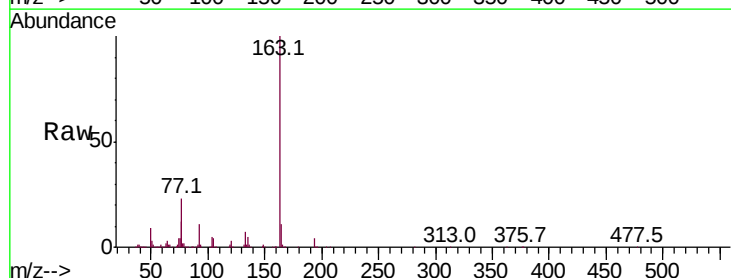
Tgt Ion:163 Resp: 946505

Ion Ratio Lower Upper

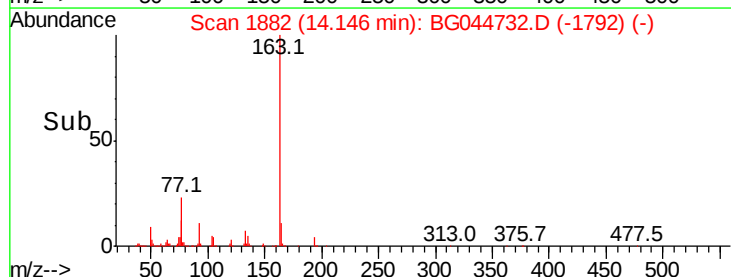
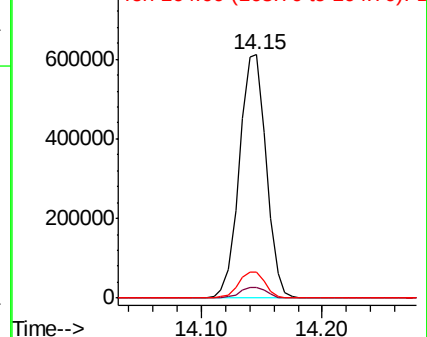
163 100

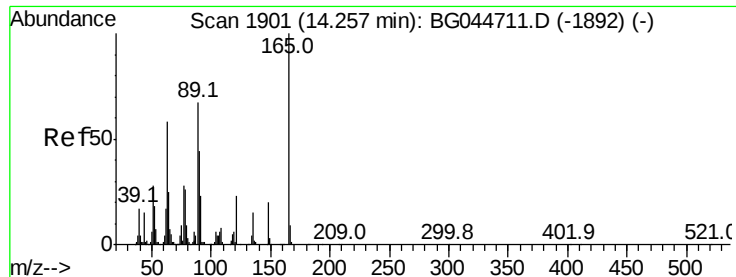
194 4.3 3.5 5.3

164 10.6 9.2 13.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

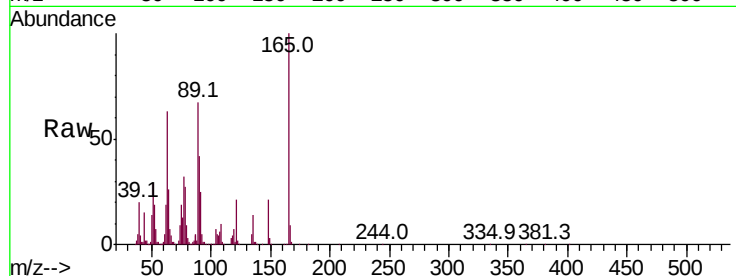




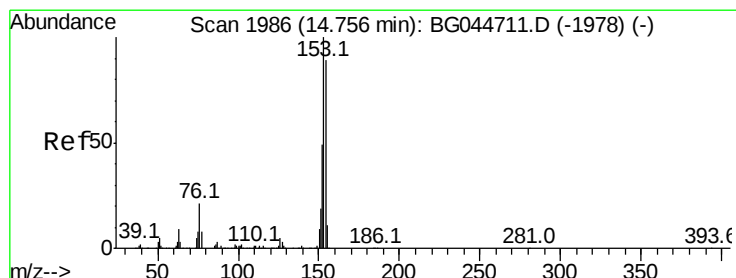
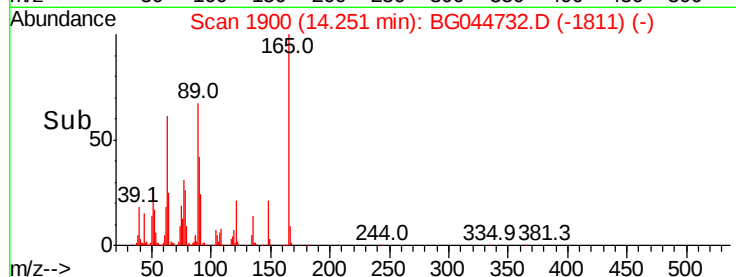
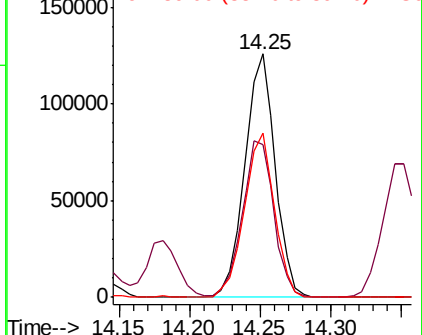
#51
2,6-Dinitrotoluene
Concen: 41.707 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 189054
Ion Ratio Lower Upper
165 100
63 62.9 48.9 73.3
89 67.4 53.8 80.8

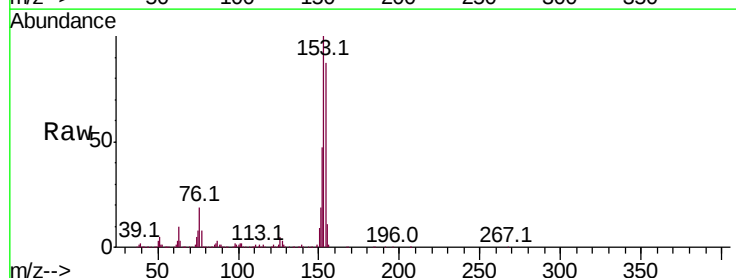


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

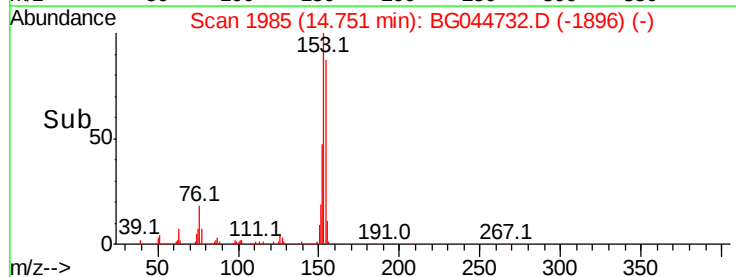
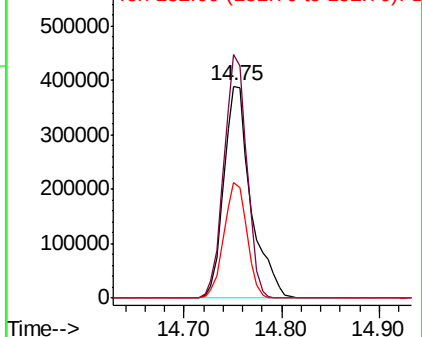


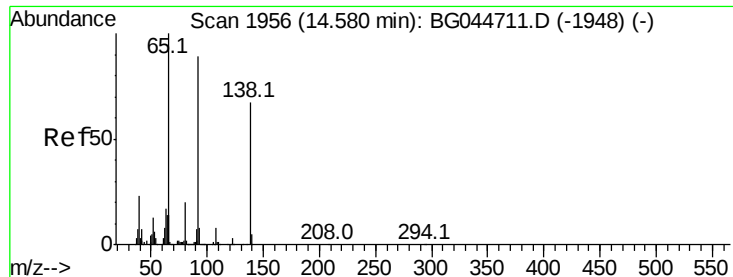
#52
Acenaphthene
Concen: 42.598 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion:154 Resp: 753350
Ion Ratio Lower Upper
154 100
153 114.7 89.8 134.8
152 54.2 44.4 66.6



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





#53

3-Nitroaniline

Concen: 13.964 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

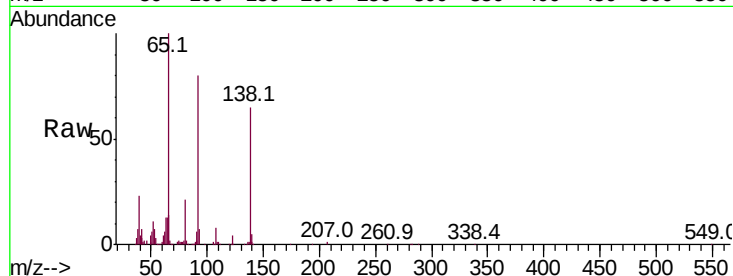
Tot Ion:138 Resp: 72774

Ion Ratio Lower Upper

138 100

108 11.6 9.2 13.8

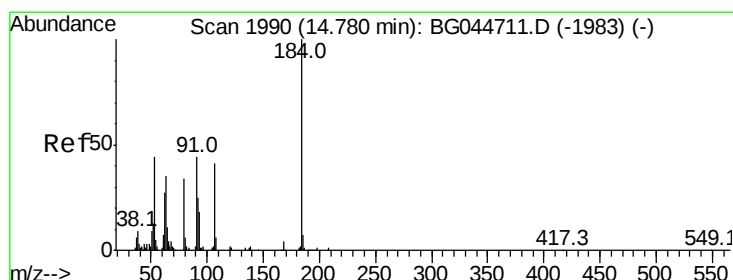
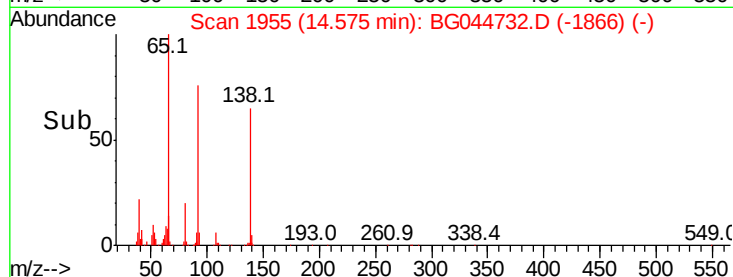
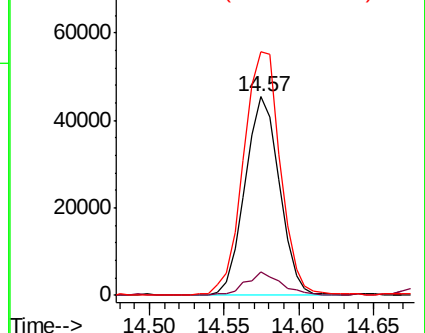
92 122.6 105.6 158.4



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: 77.084 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

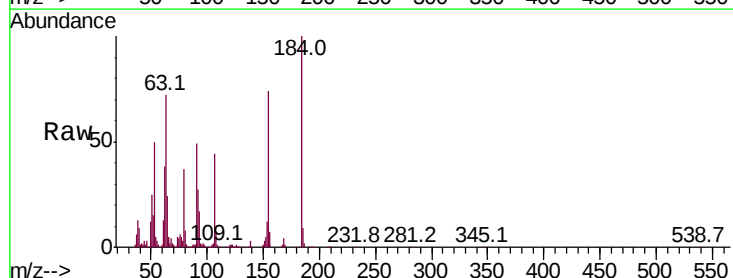
Tgt Ion:184 Resp: 181785

Ion Ratio Lower Upper

184 100

63 72.3 49.0 73.6

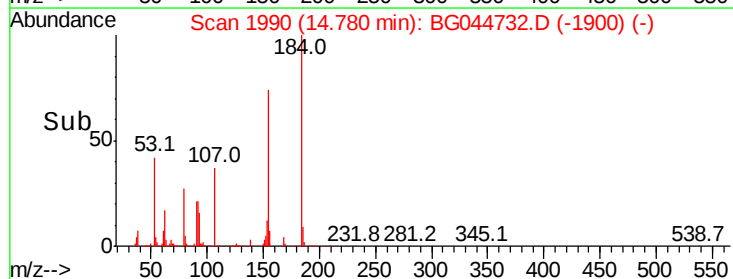
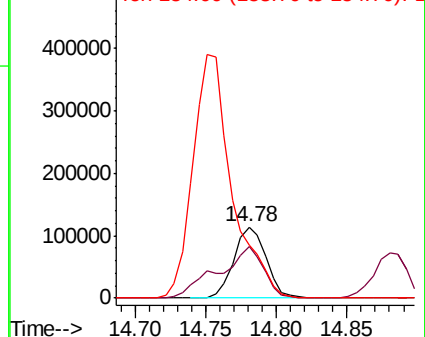
154 74.0 94.5 141.7#

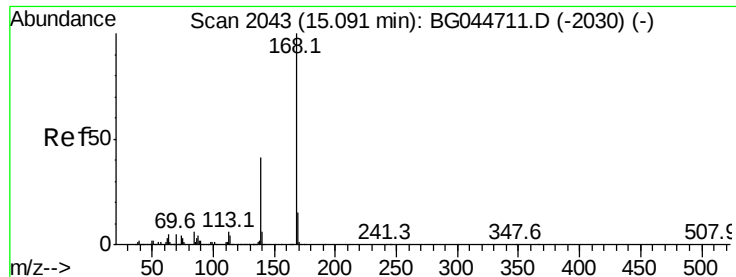


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

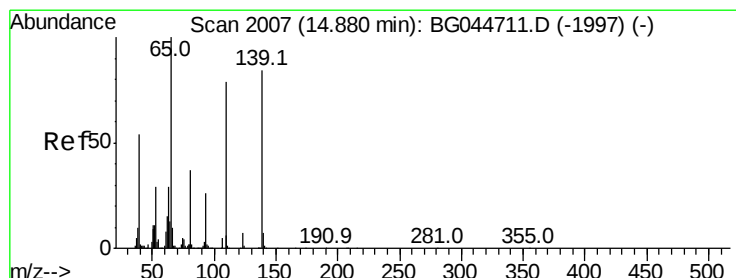
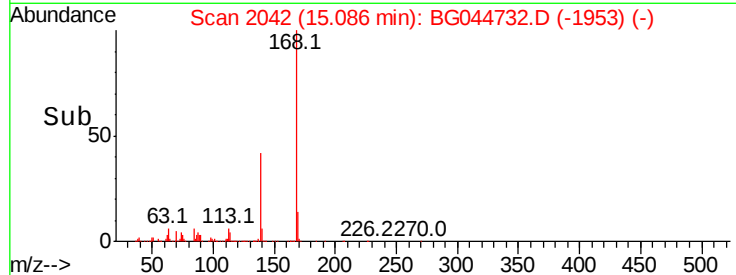
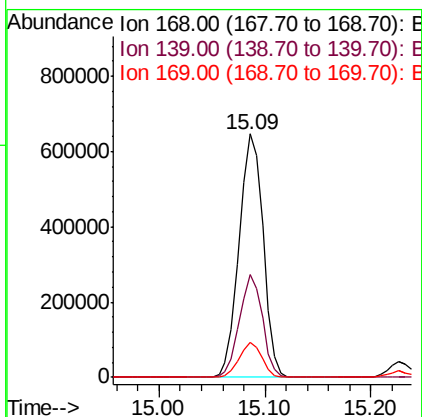
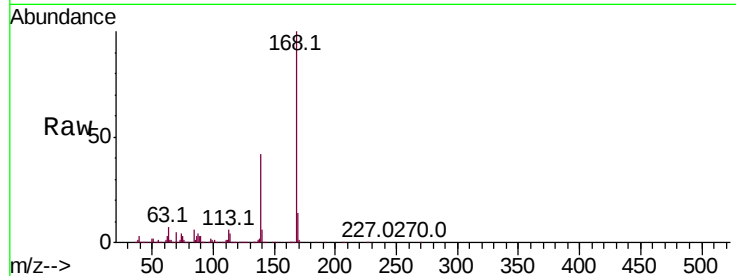




#55
Dibenzofuran
Concen: 39.618 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

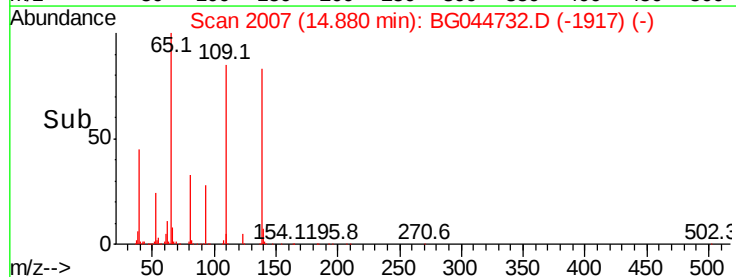
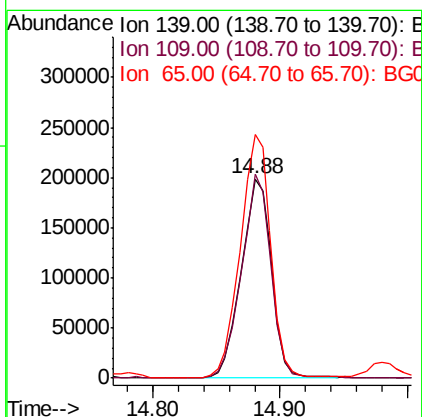
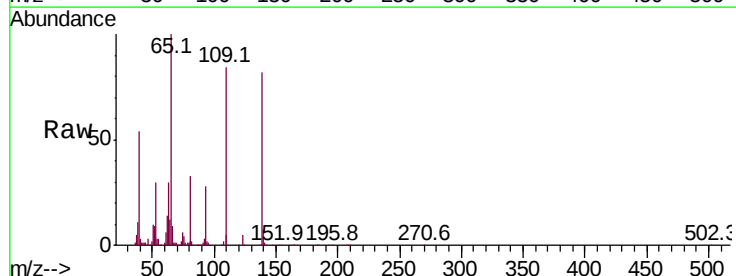
Instrument :
BNA_G
ClientSampled :

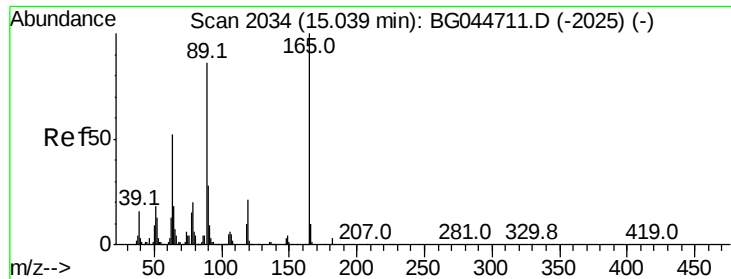
Tot Ion:168 Resp: 1016025
Ion Ratio Lower Upper
168 100
139 42.0 32.6 49.0
169 14.2 11.8 17.6



#56
4-Nitrophenol
Concen: 82.808 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion:139 Resp: 329354
Ion Ratio Lower Upper
139 100
109 102.4 74.1 114.1
65 122.3 98.6 138.6

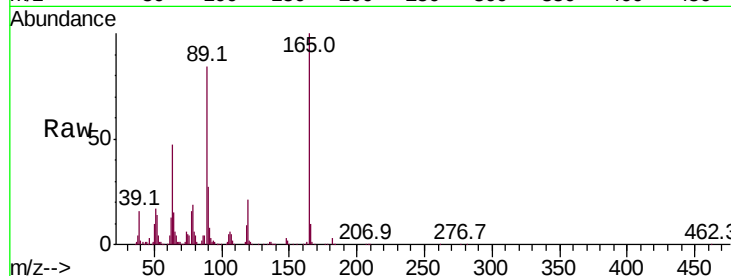




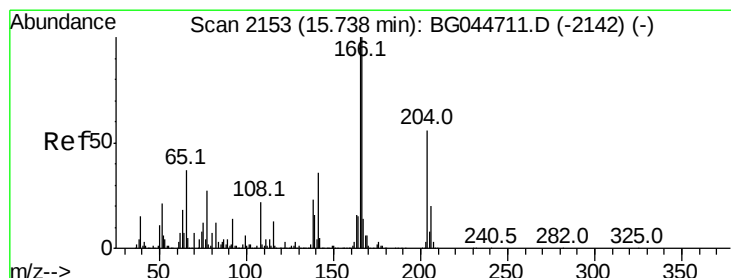
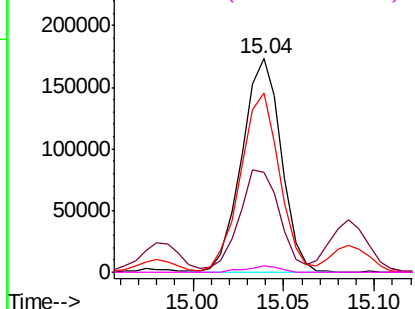
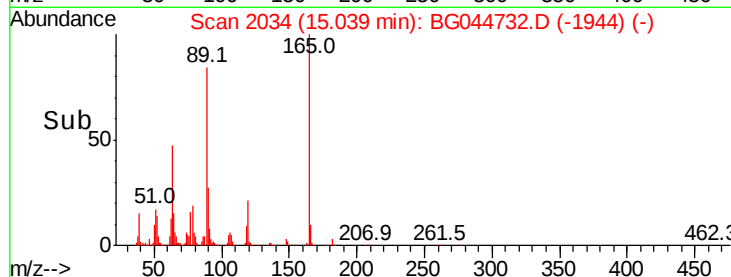
#57
2,4-Dinitrotoluene
Concen: 42.061 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 261487
Ion Ratio Lower Upper
165 100
63 47.0 41.5 62.3
89 83.6 69.0 103.4
182 2.8 2.7 4.1

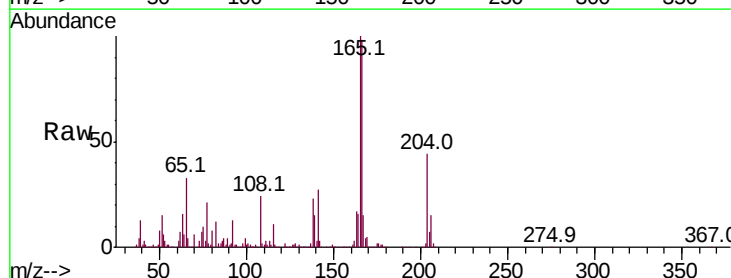


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

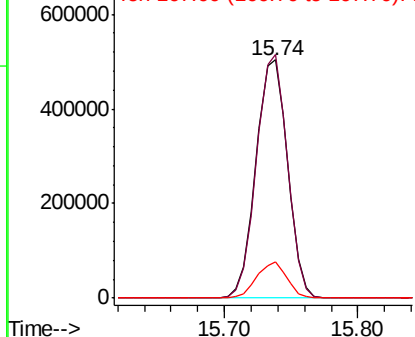
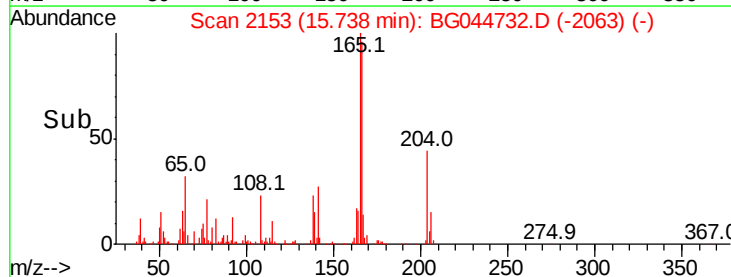


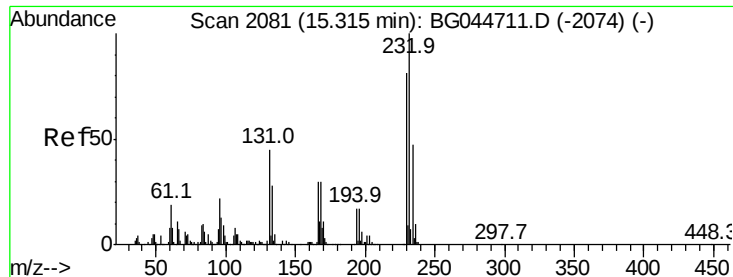
#58
Fluorene
Concen: 39.026 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion:166 Resp: 823310
Ion Ratio Lower Upper
166 100
165 102.2 79.6 119.4
167 15.0 11.4 17.2



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.041 ng

RT: 15.23 min Scan# 2066

Delta R.T. -0.09 min

Lab File: BG044732.D

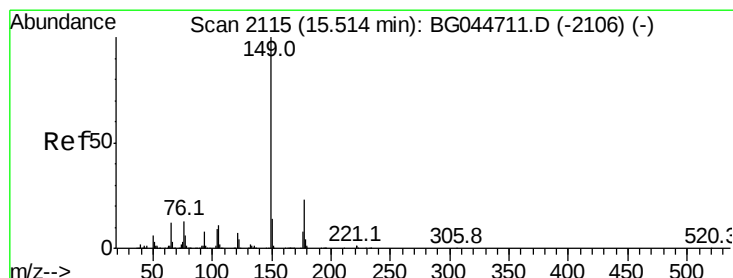
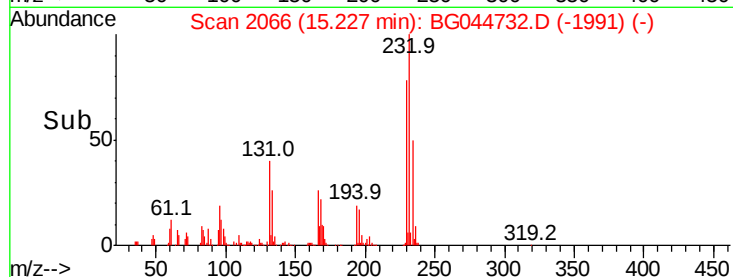
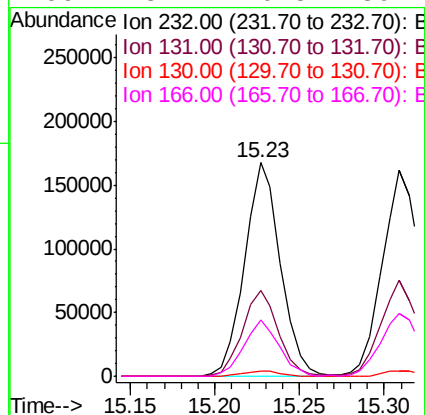
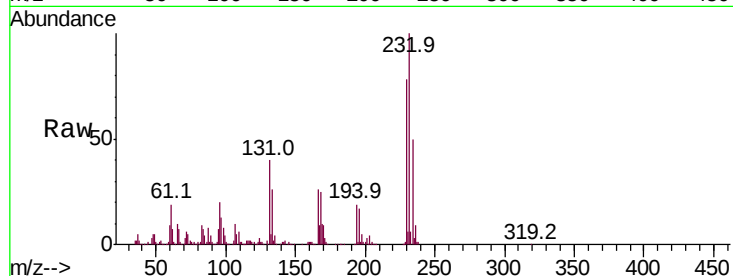
Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	232	Resp:	247714
Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.4	48.6
130	2.6	2.0	3.0
166	25.7	20.5	30.7



#60

Diethylphthalate

Concen: 38.175 ng

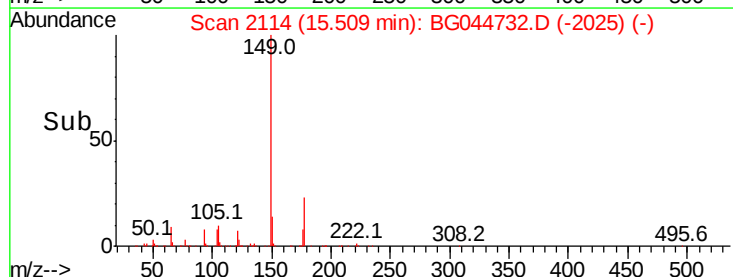
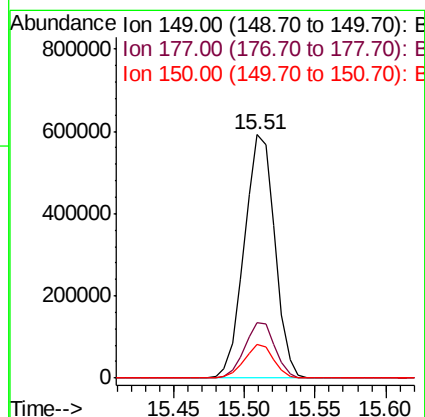
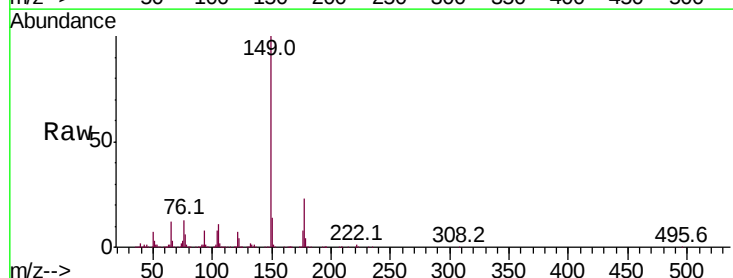
RT: 15.51 min Scan# 2114

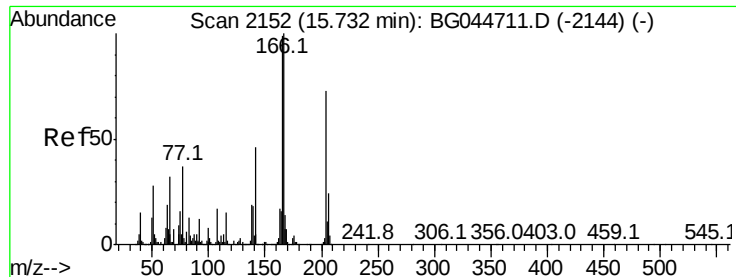
Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	149	Resp:	895407
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.8	28.2
150	14.0	11.2	16.8





#61

4-Chlorophenyl-phenylether

Concen: 39.098 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

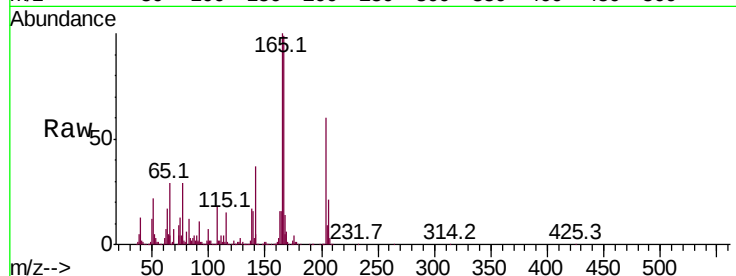
Tot Ion:204 Resp: 444136

Ion Ratio Lower Upper

204 100

206 33.9 25.8 38.6

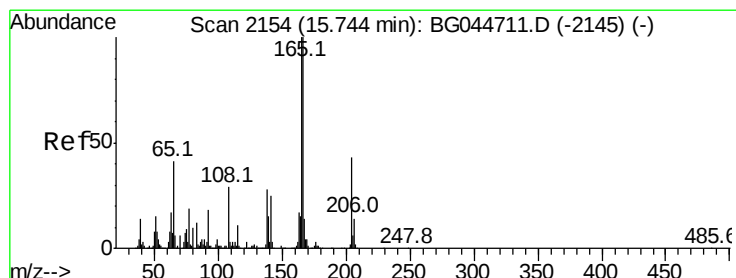
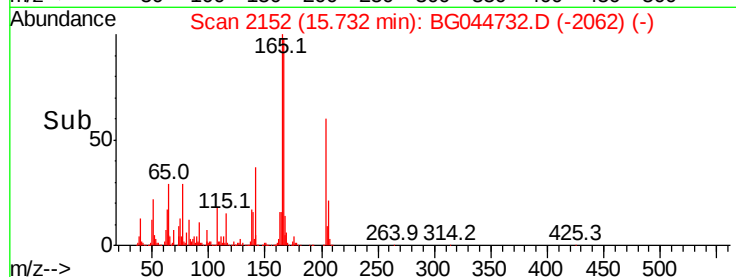
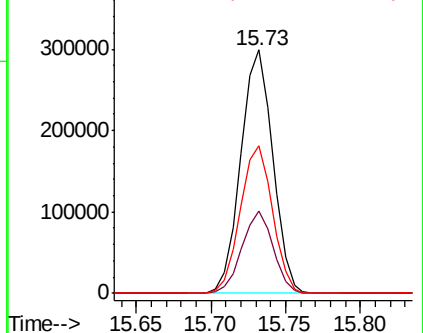
141 60.6 50.8 76.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 35.146 ng

RT: 15.74 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

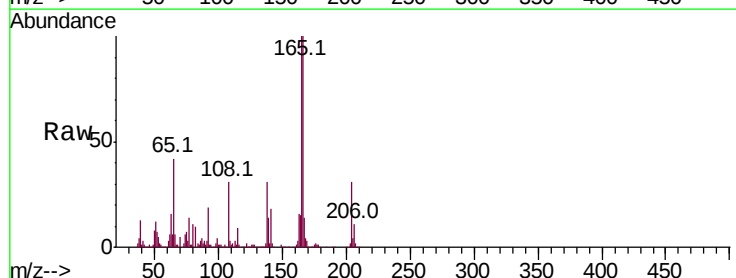
Tgt Ion:138 Resp: 195310

Ion Ratio Lower Upper

138 100

92 60.0 42.1 82.1

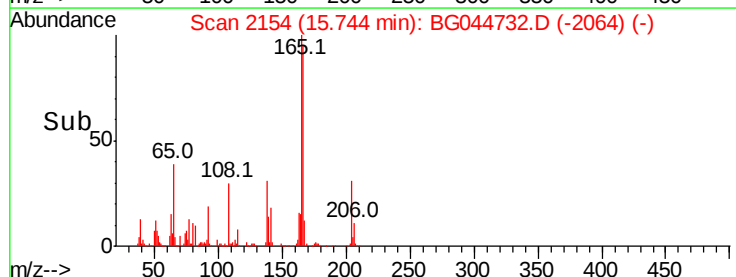
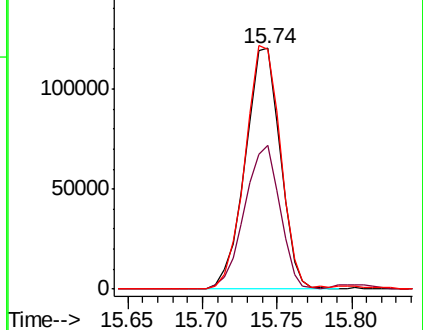
108 99.8 81.2 121.2

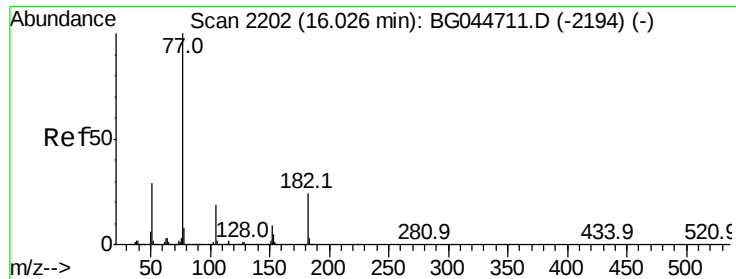


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.142 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

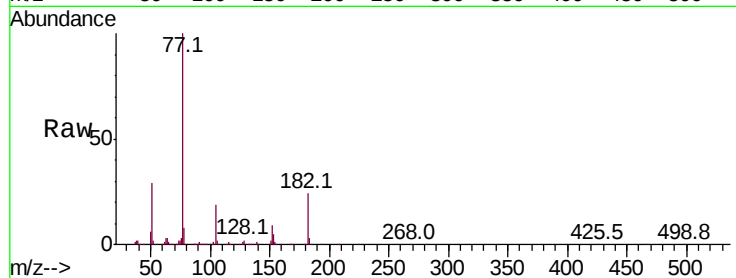
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 977729

Ion	Ratio	Lower	Upper
77	100		
182	24.5	3.6	43.6
105	19.1	0.0	39.3
51	29.3	8.7	48.7



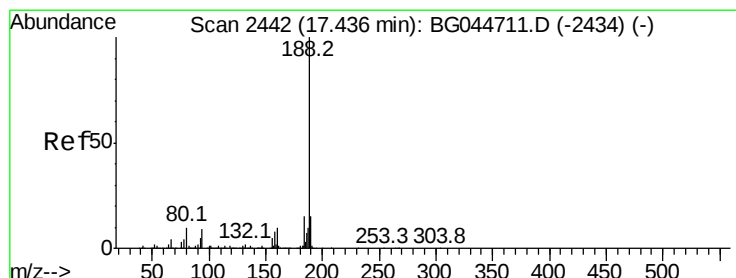
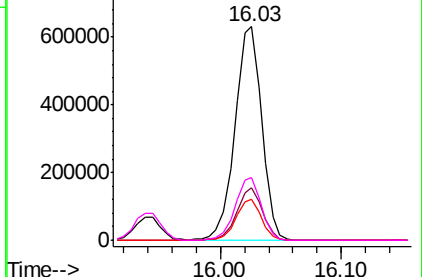
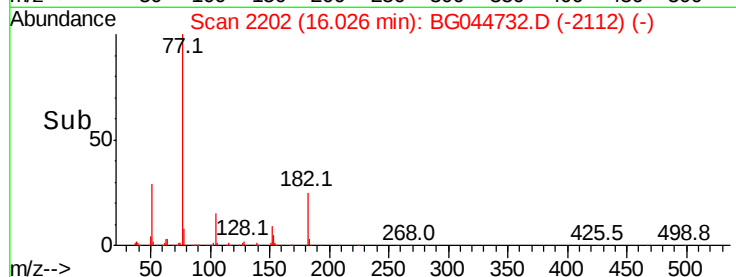
Abundance

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: 17.43 min Scan# 2441

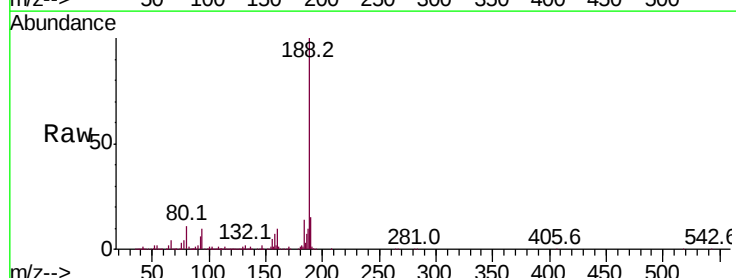
Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion: 188 Resp: 635309

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	11.3	8.4	12.6

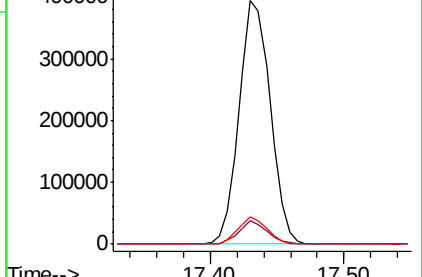
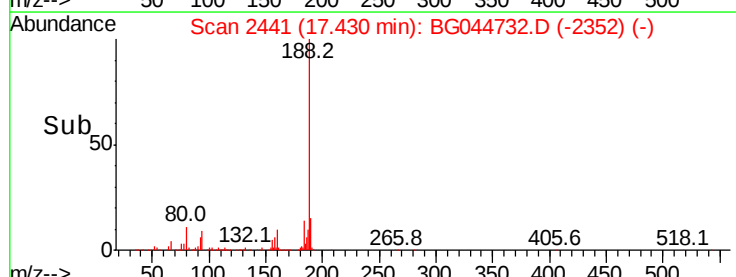


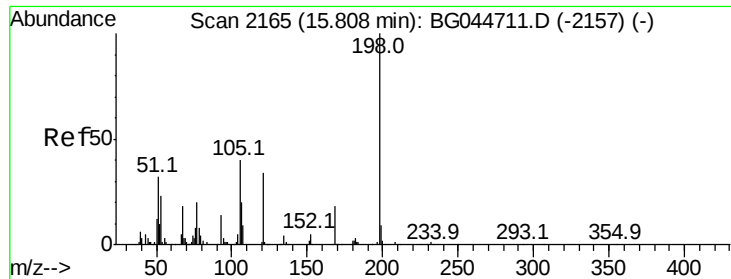
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

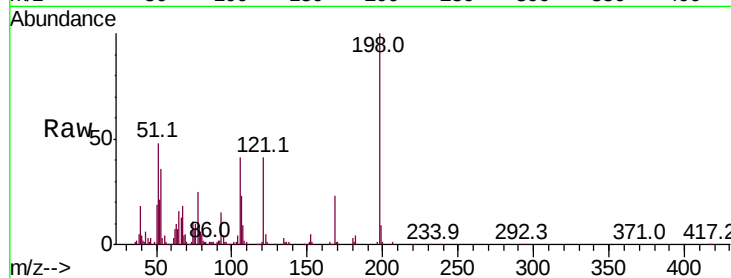




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.525 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.9	20.1	60.1
105	40.8	21.3	61.3

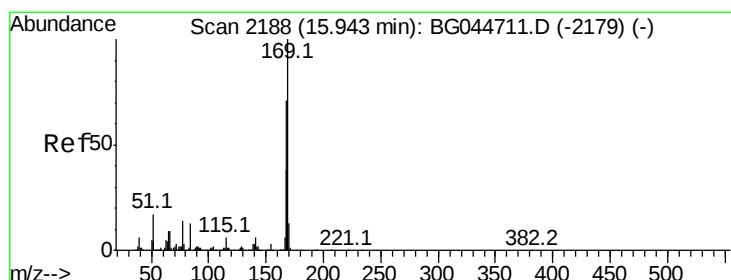
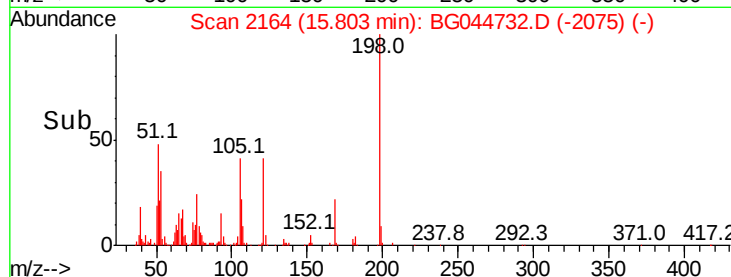
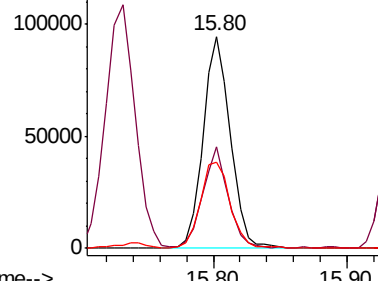


Abundance

Ion 198.00 (197.70 to 198.70): E

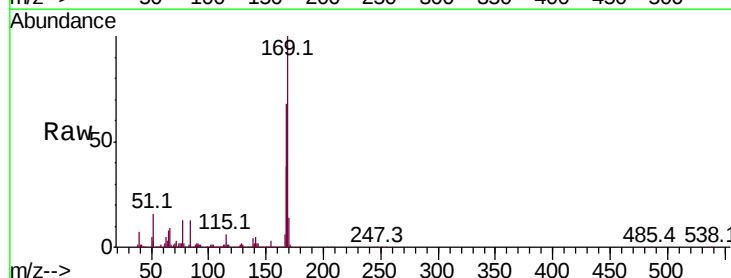
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 39.528 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	56.6	85.0
167	38.3	30.1	45.1

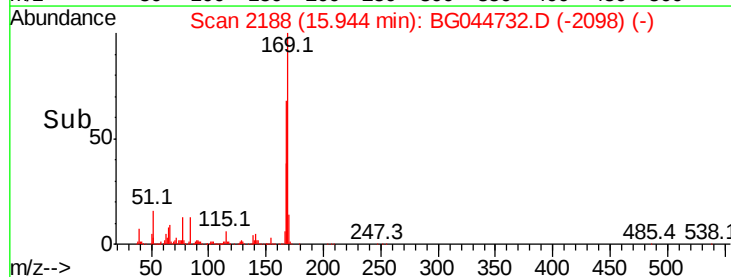
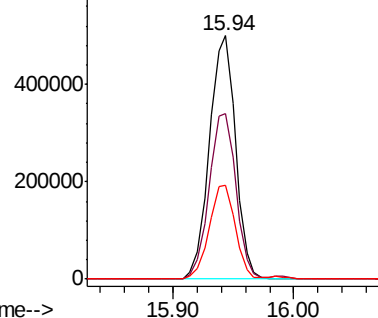


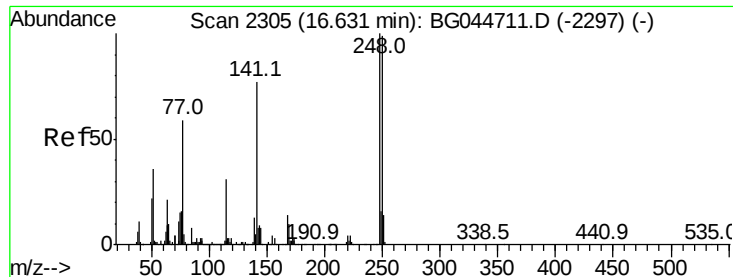
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

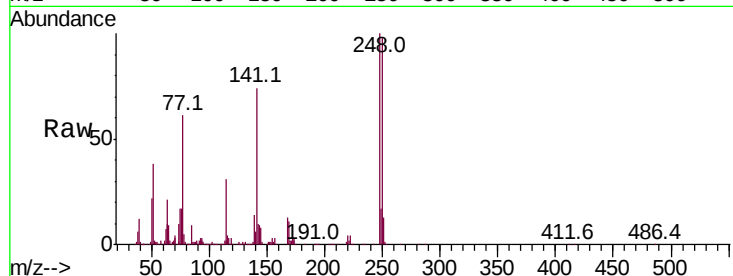




#67
4-Bromophenyl-phenylether
Concen: 38.127 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	79.4	119.0
141	74.1	61.7	92.5

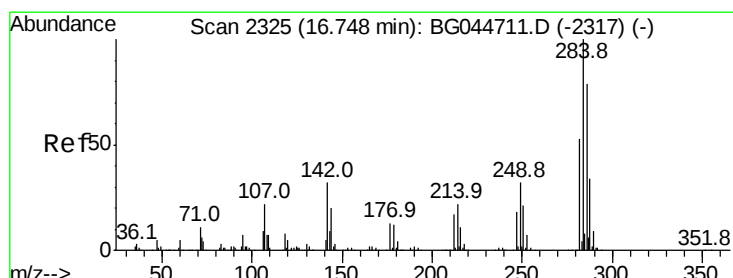
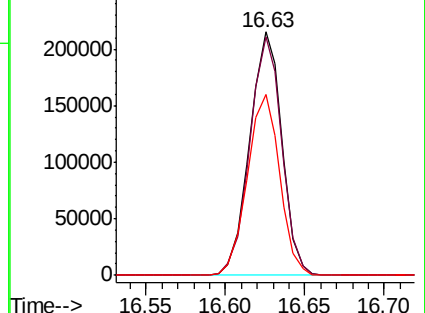
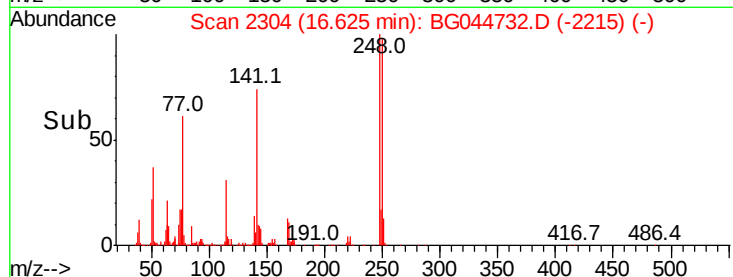


Abundance

Ion 248.00 (247.70 to 248.70): E

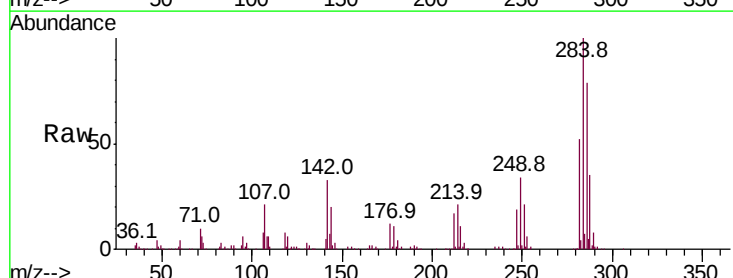
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.471 ng
RT: 16.75 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.6	38.4
249	33.7	25.8	38.6

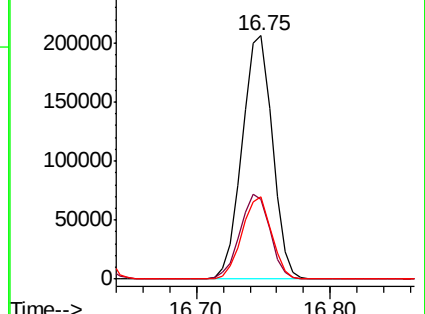
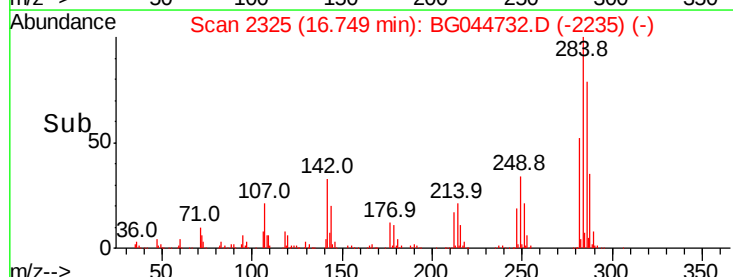


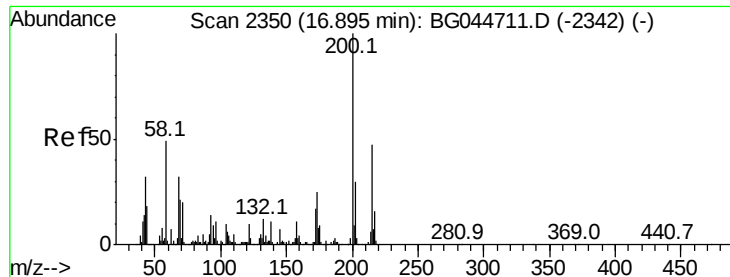
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.623 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

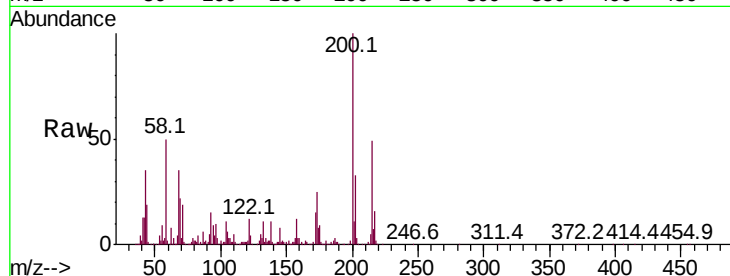
Tot Ion:200 Resp: 291683

Ion Ratio Lower Upper

200 100

173 25.3 4.8 44.8

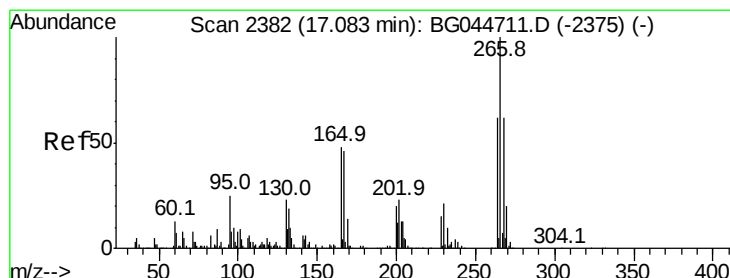
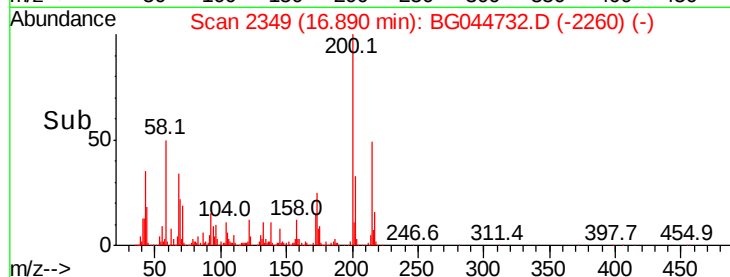
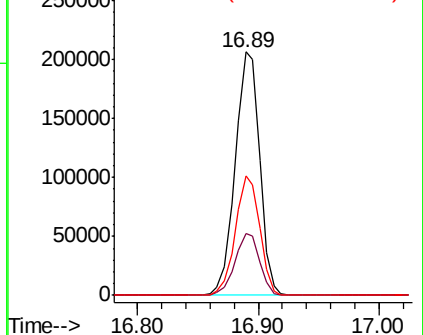
215 49.3 27.4 67.4



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: 83.542 ng

RT: 17.08 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

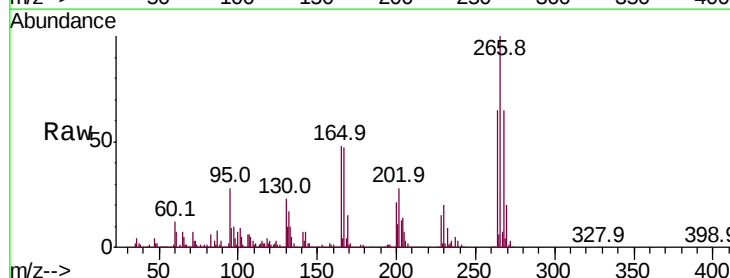
Tgt Ion:266 Resp: 396065

Ion Ratio Lower Upper

266 100

268 65.4 49.9 74.9

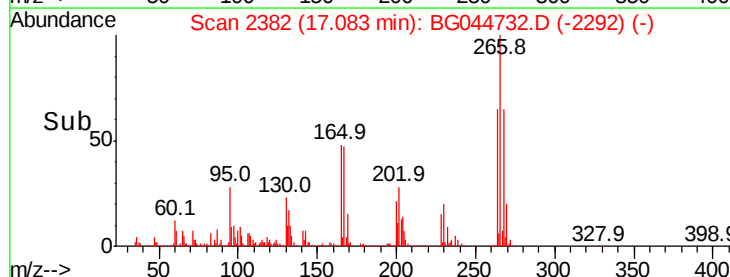
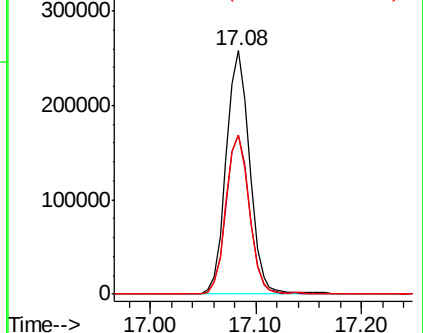
264 65.2 49.9 74.9

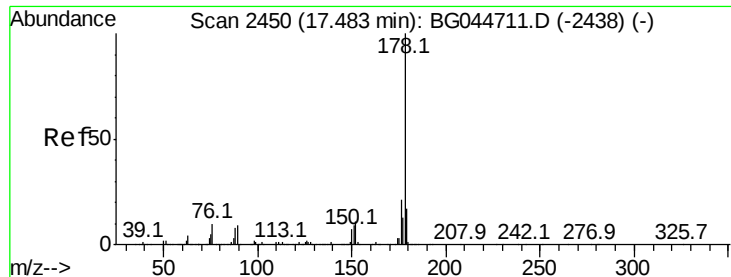


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.212 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

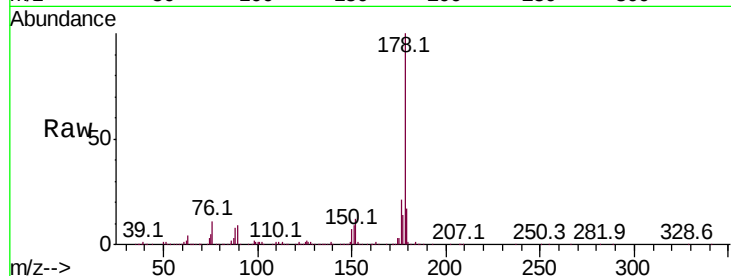
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1331240

Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.0	25.6
179	17.3	13.7	20.5

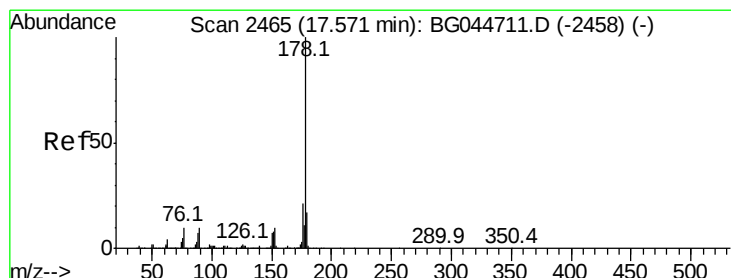
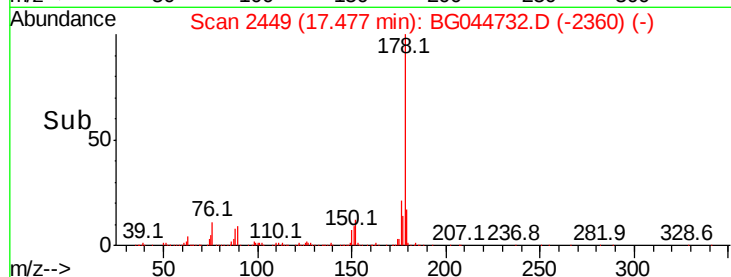
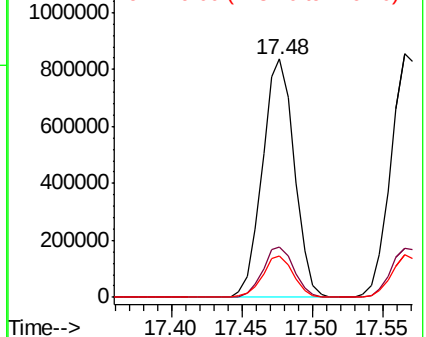


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.910 ng

RT: 17.57 min Scan# 2464

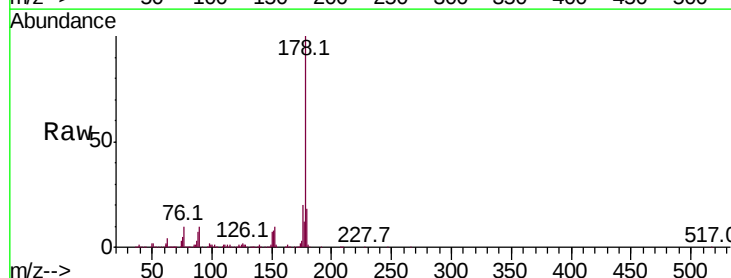
Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:178 Resp: 1369520

Ion	Ratio	Lower	Upper
178	100		
176	20.3	17.0	25.6
179	17.6	13.8	20.8

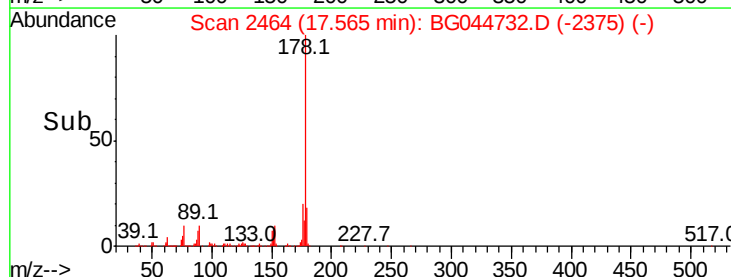
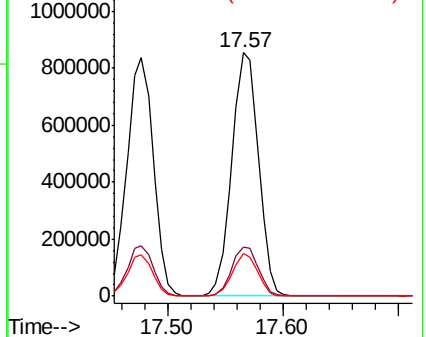


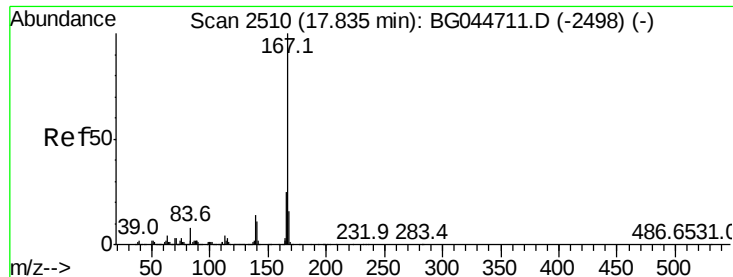
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.948 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

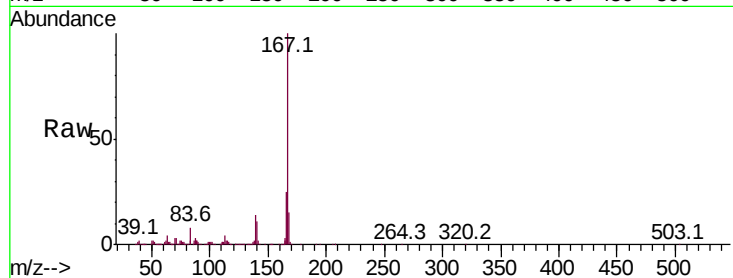
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1284599

Ion	Ratio	Lower	Upper
167	100		
166	25.2	19.6	29.4
139	13.8	11.4	17.2

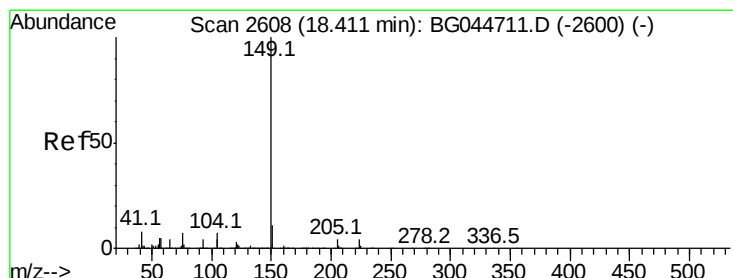
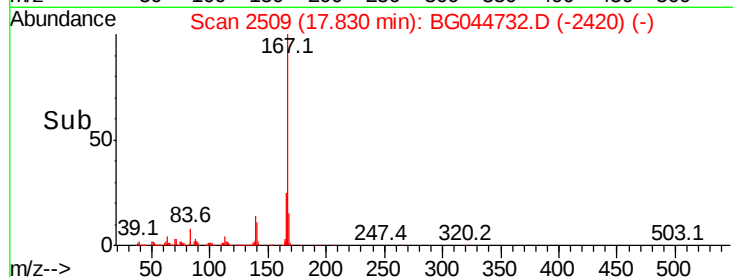
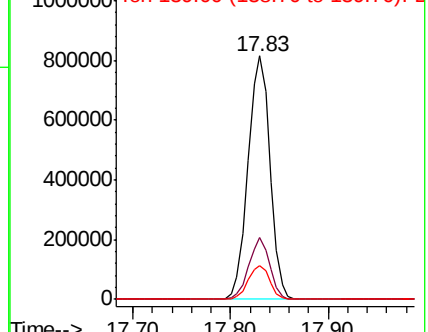


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.996 ng

RT: 18.41 min Scan# 2607

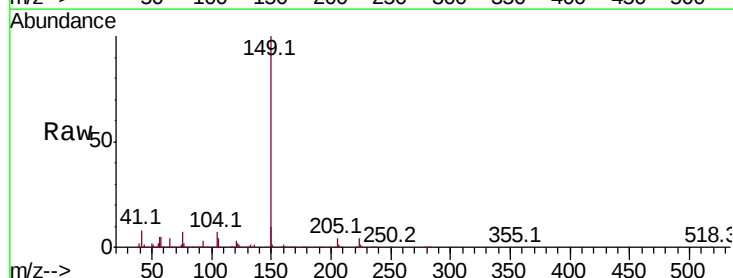
Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:149 Resp: 1524345

Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.4	12.6
104	6.7	5.6	8.4

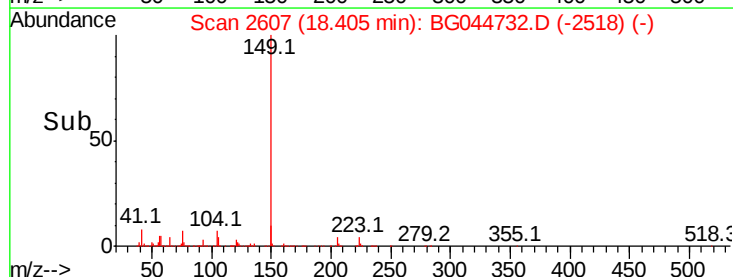
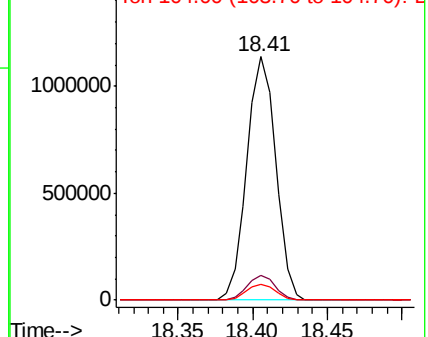


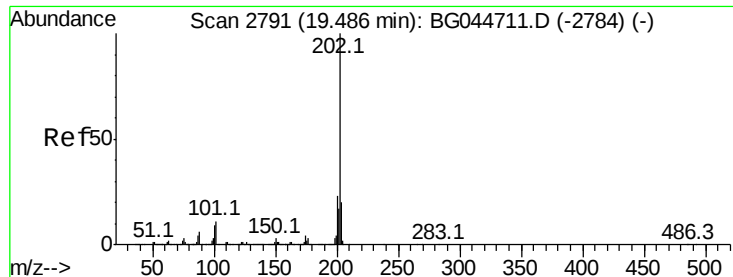
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.944 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampled :

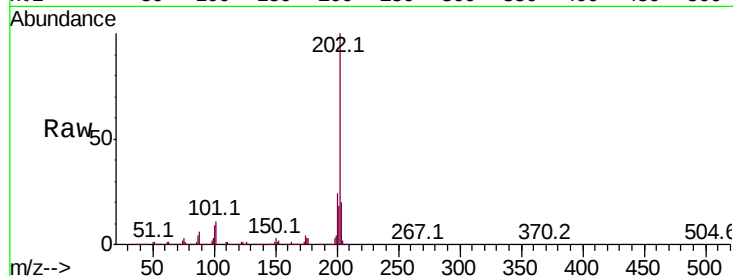
Tot Ion:202 Resp: 1614643

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.3

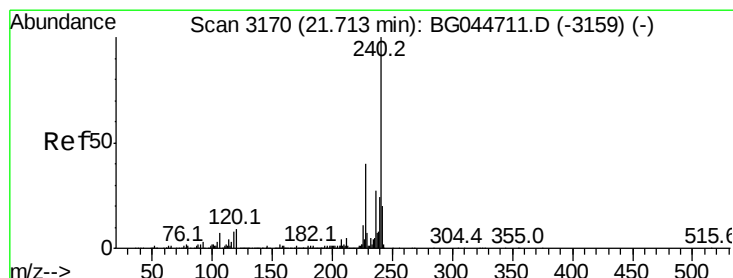
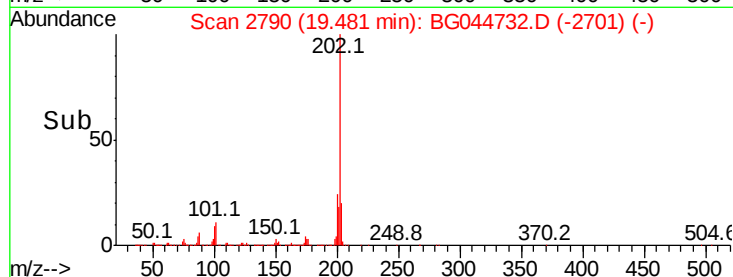
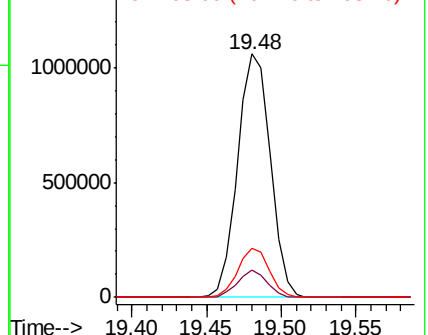
203 20.3 0.4 40.4



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: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

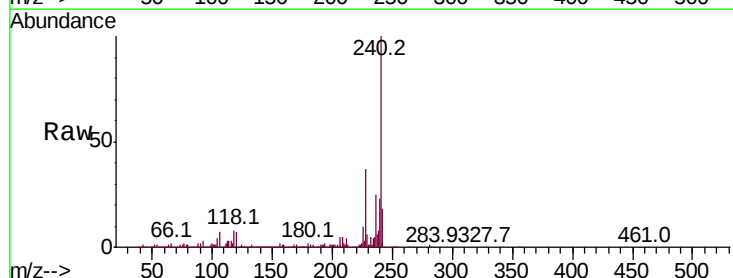
Tgt Ion:240 Resp: 550679

Ion Ratio Lower Upper

240 100

120 7.5 6.9 10.3

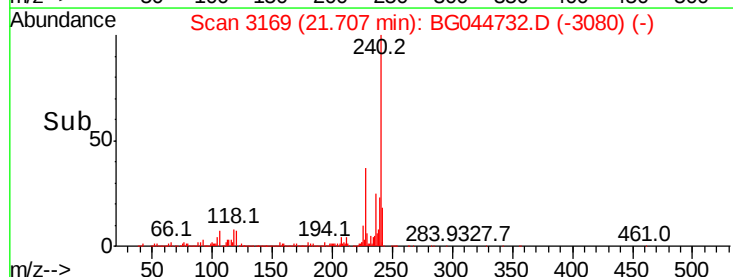
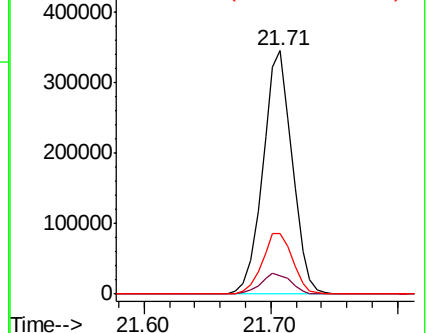
236 25.1 21.9 32.9

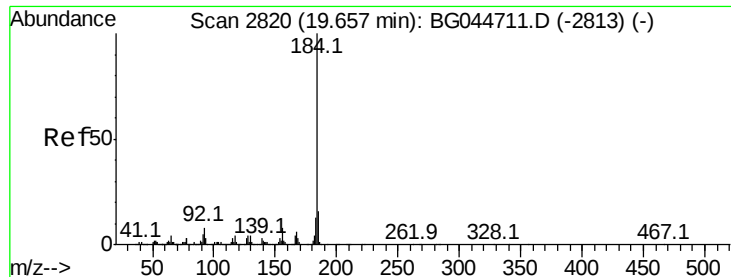


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.436 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

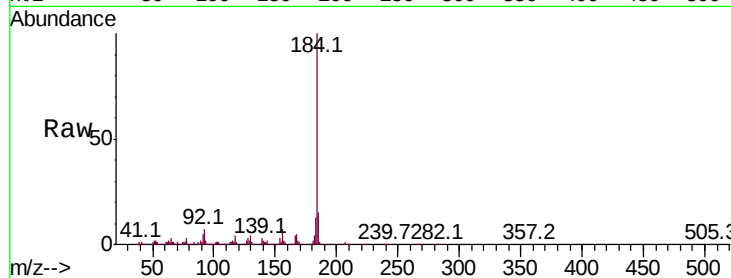
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 561980

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.9	19.3
183	12.9	10.6	15.8

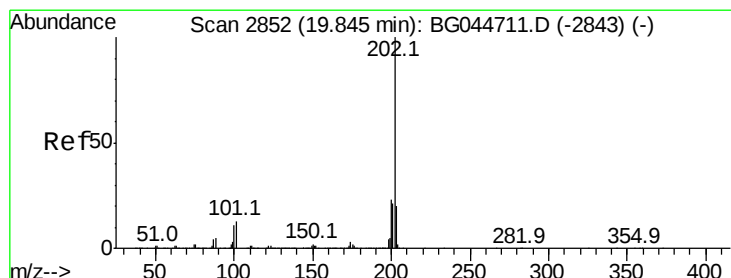
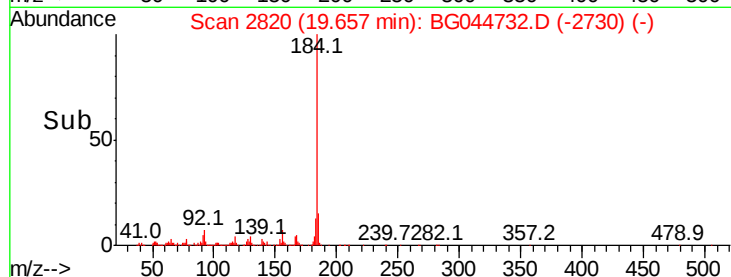
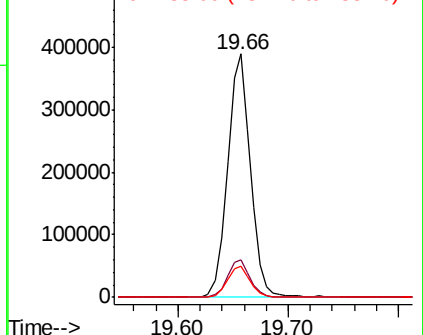


Abundance

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: 40.278 ng

RT: 19.84 min Scan# 2852

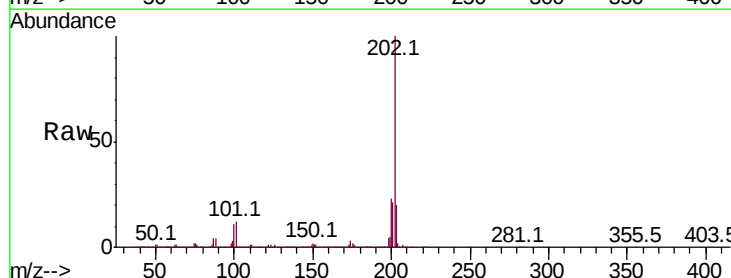
Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:202 Resp: 1627303

Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.7	28.1
203	20.2	16.0	24.0

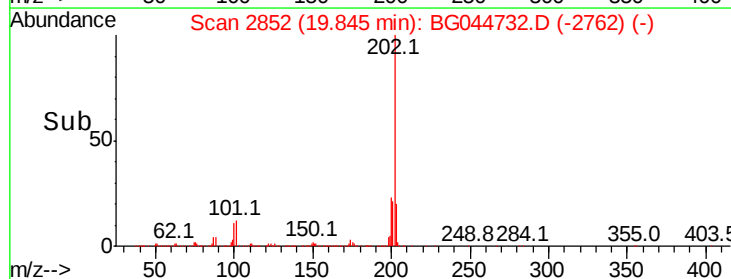
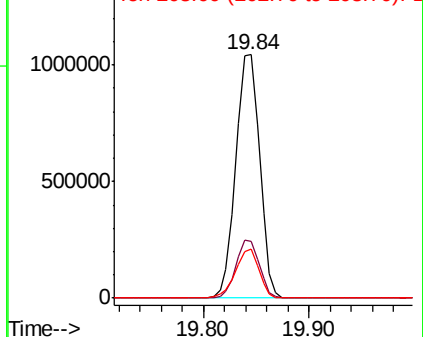


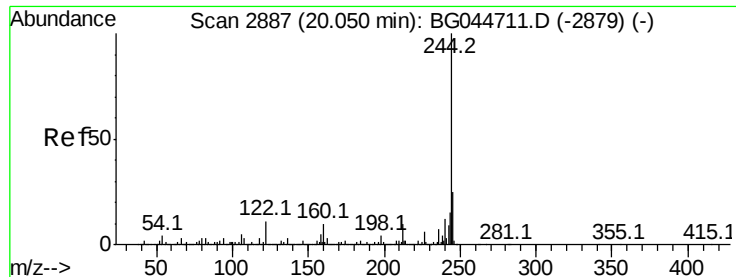
Abundance

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: 67.727 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

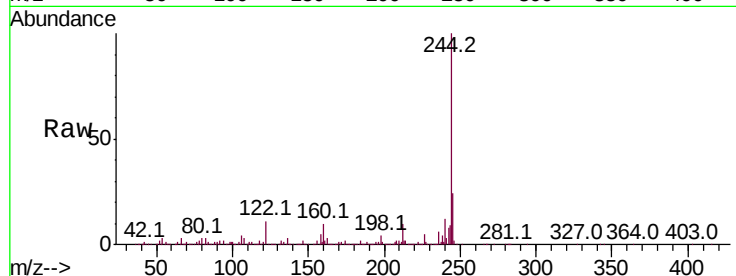
Tot Ion:244 Resp: 1993842

Ion Ratio Lower Upper

244 100

212 9.6 8.4 12.6

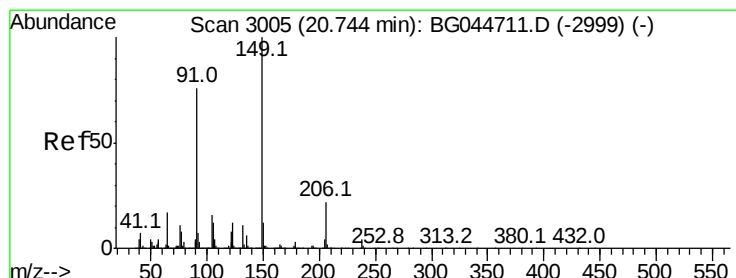
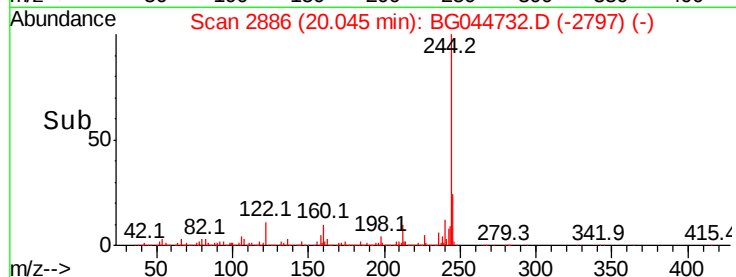
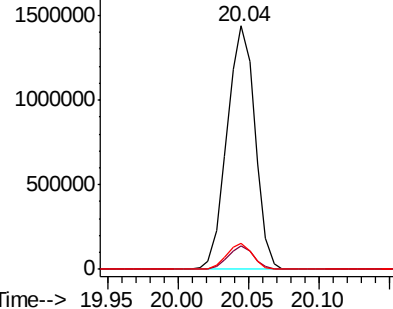
122 10.7 8.7 13.1



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: 38.863 ng

RT: 20.74 min Scan# 3004

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

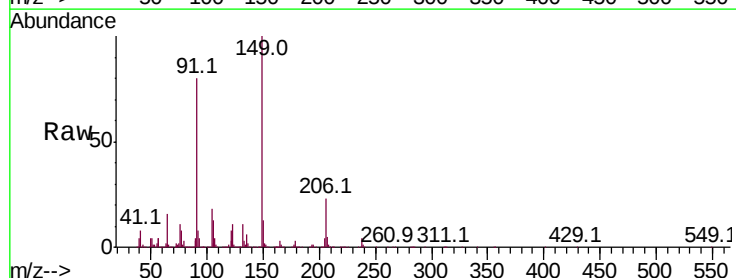
Tgt Ion:149 Resp: 698511

Ion Ratio Lower Upper

149 100

91 80.1 61.1 91.7

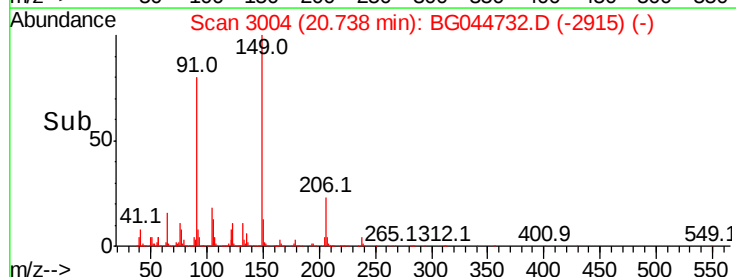
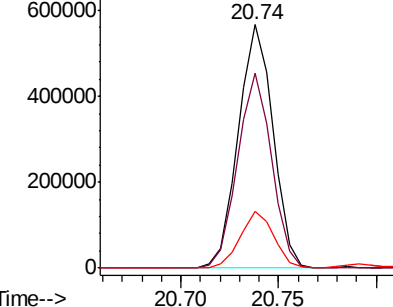
206 23.1 17.4 26.2

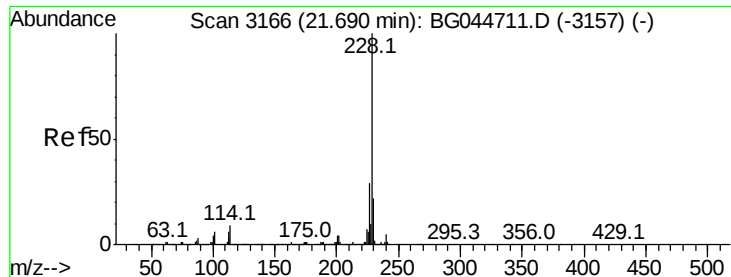


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.364 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

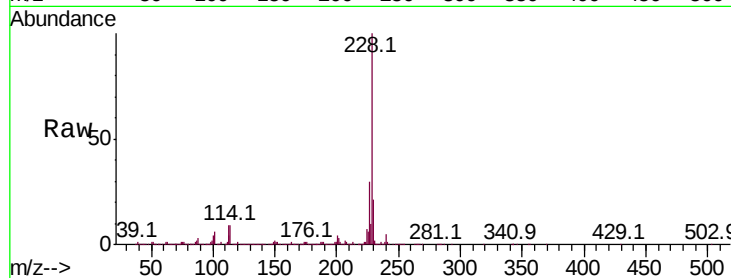
Tot Ion:228 Resp: 1560901

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	21.3	17.2	25.8

228 100

226 29.8 23.5 35.3

229 21.3 17.2 25.8

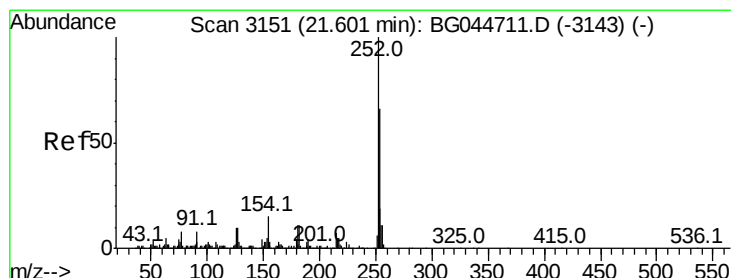
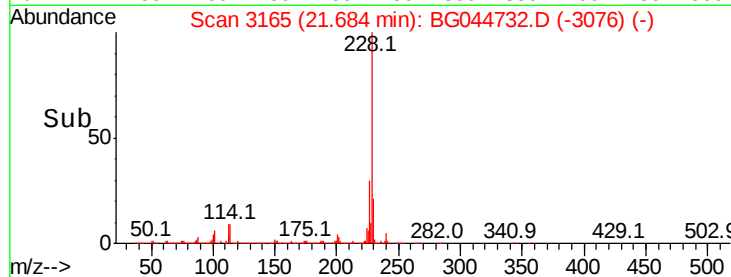
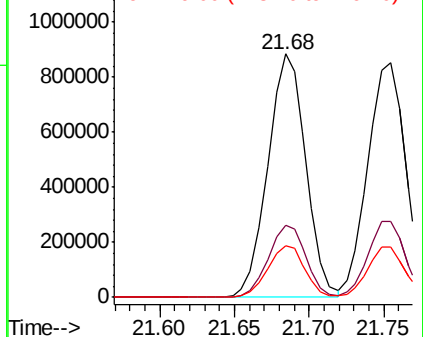


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.819 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

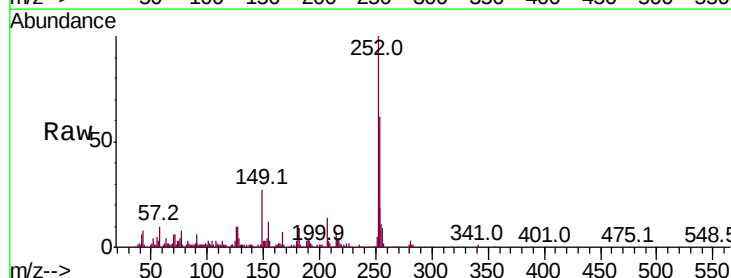
Tgt Ion:252 Resp: 196645

Ion	Ratio	Lower	Upper
252	100		
254	61.7	53.0	79.4
126	9.8	8.2	12.4

252 100

254 61.7 53.0 79.4

126 9.8 8.2 12.4

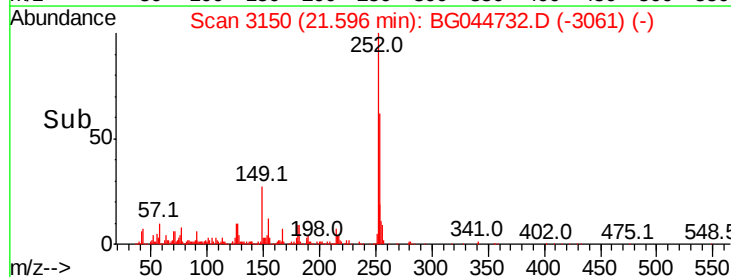
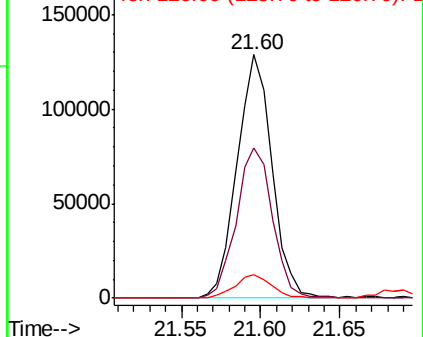


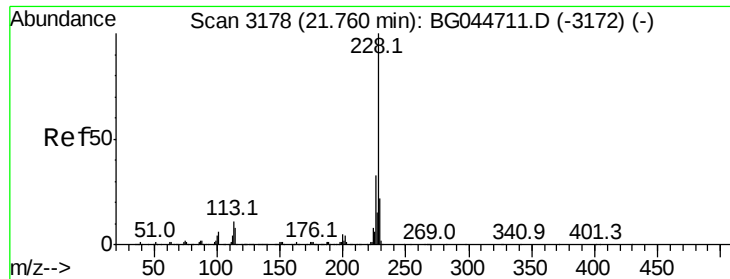
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.268 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

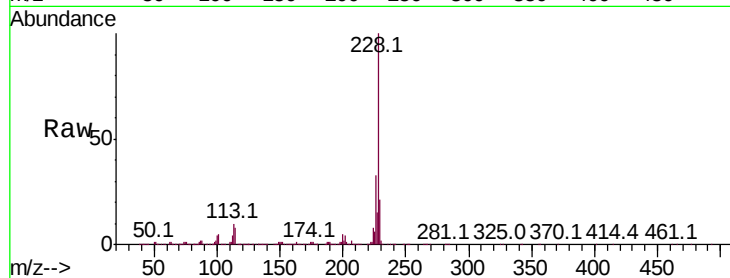
Tot Ion:228 Resp: 1487362

Ion Ratio Lower Upper

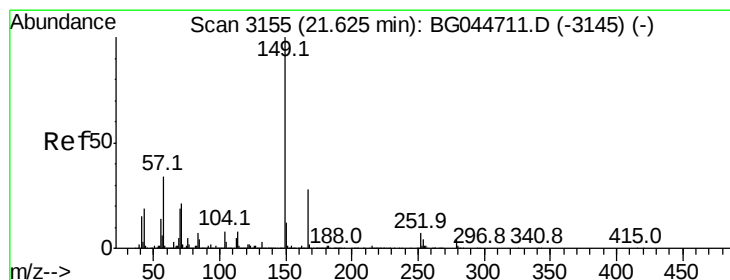
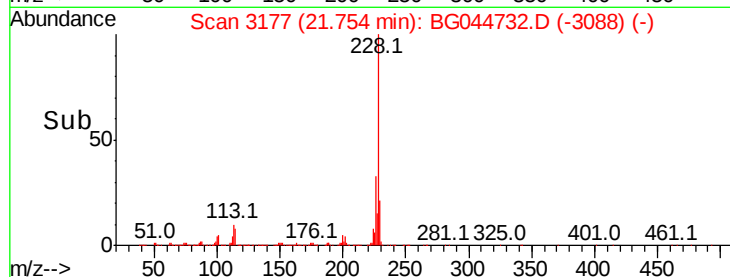
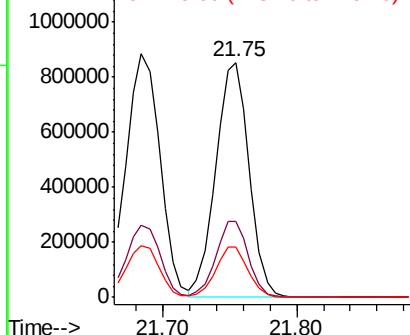
228 100

226 32.5 26.1 39.1

229 21.4 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 226.00 (225.70 to 226.70): E
1000000
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.999 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

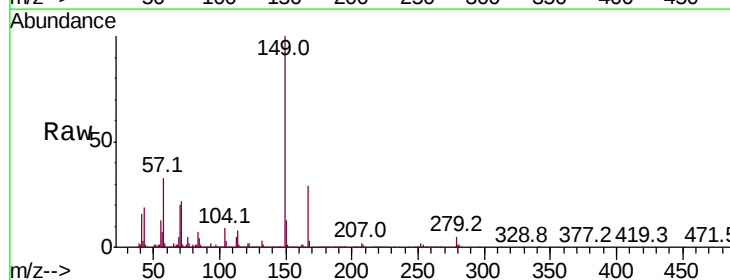
Tgt Ion:149 Resp: 992209

Ion Ratio Lower Upper

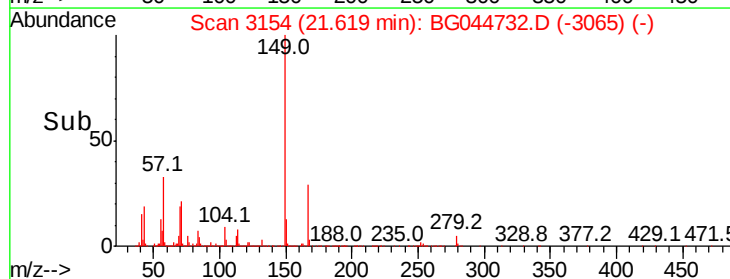
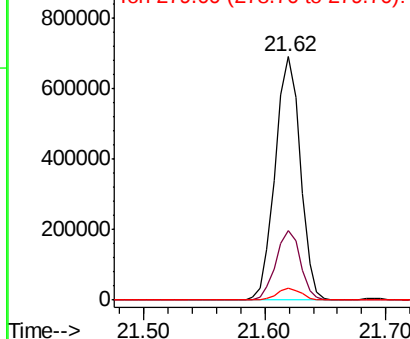
149 100

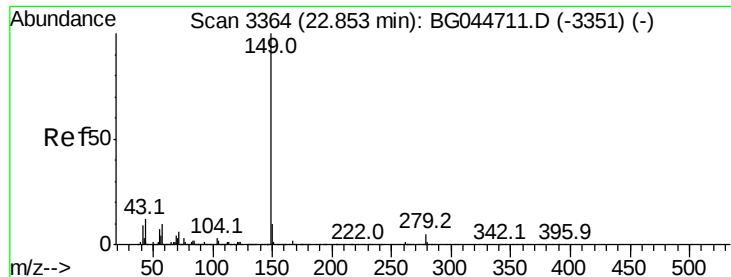
167 28.7 22.6 33.8

279 4.9 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
600000
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.897 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

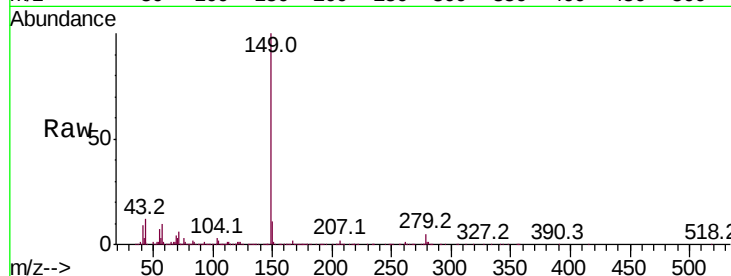
Tot Ion:149 Resp: 1697631

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

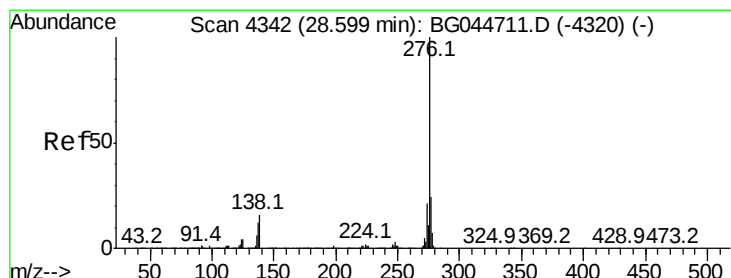
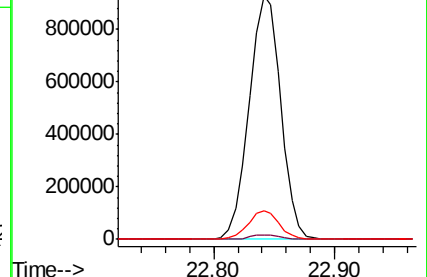
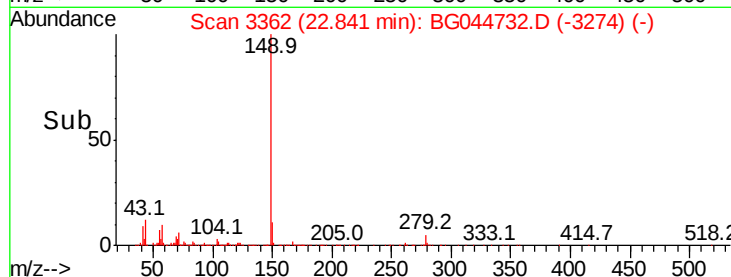
43 11.5 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.284 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

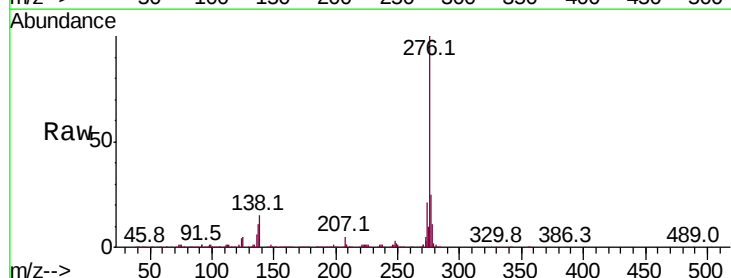
Tgt Ion:276 Resp: 2000435

Ion Ratio Lower Upper

276 100

138 12.3 10.9 16.3

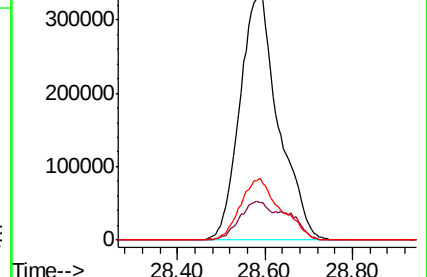
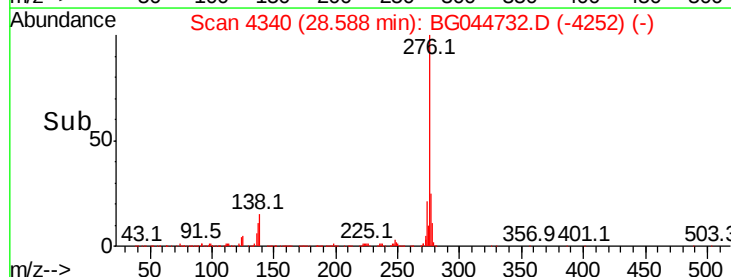
277 26.2 20.8 31.2

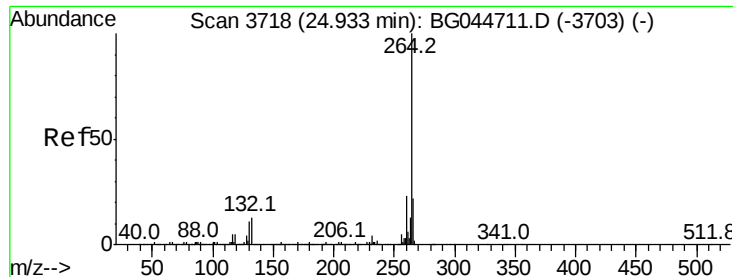


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

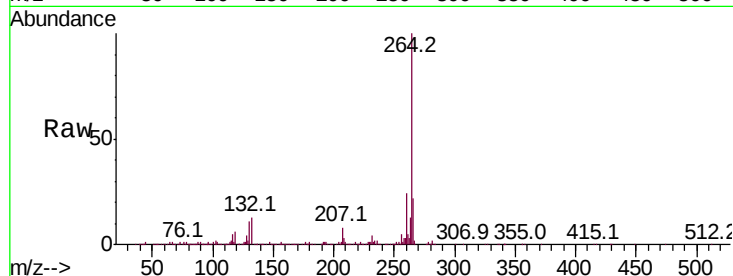
Tot Ion:264 Resp: 654520

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

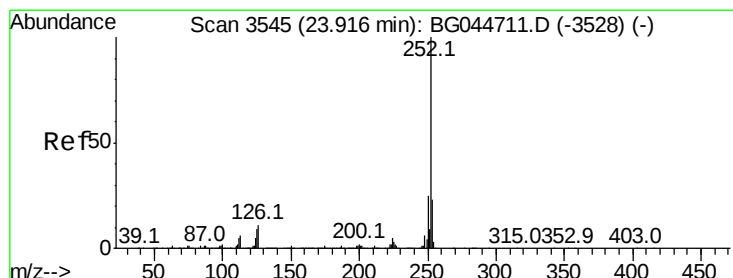
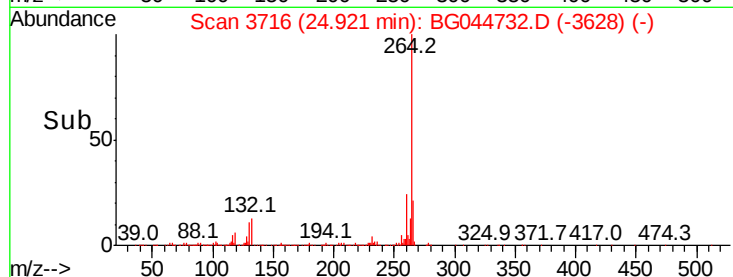
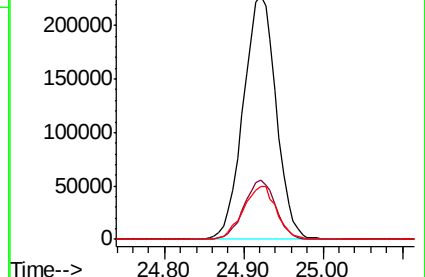
265 21.7 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.346 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

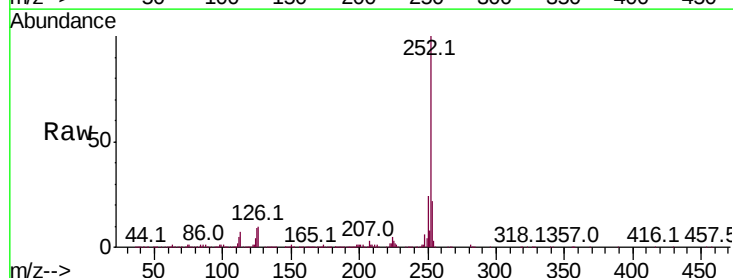
Tgt Ion:252 Resp: 1700148

Ion Ratio Lower Upper

252 100

253 22.2 18.7 28.1

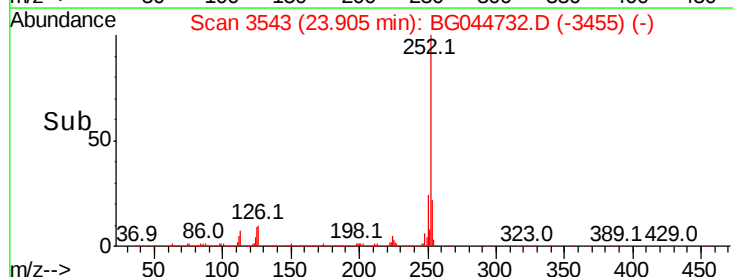
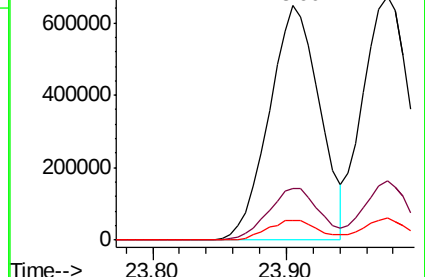
125 8.6 7.2 10.8

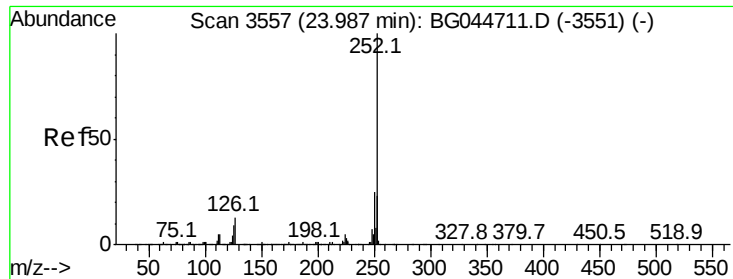


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.589 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

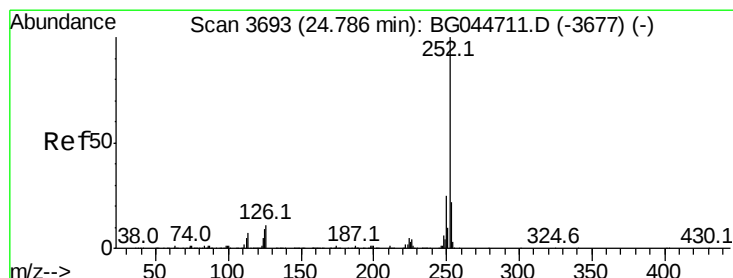
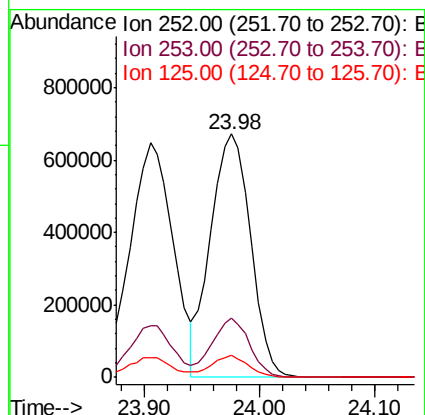
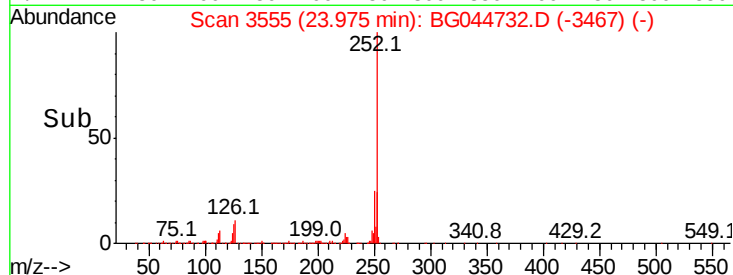
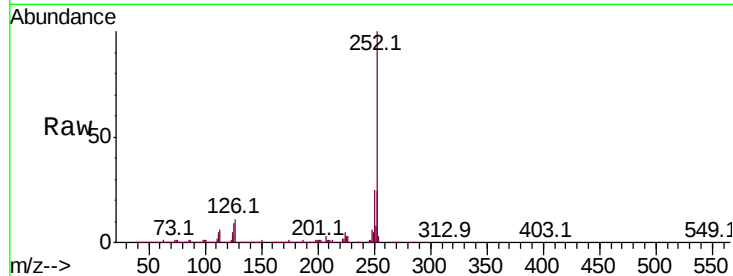
Tot Ion:252 Resp: 1618857

Ion Ratio Lower Upper

252 100

253 24.1 18.4 27.6

125 9.1 7.0 10.4



#90

Benzo(a)pyrene

Concen: 38.726 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

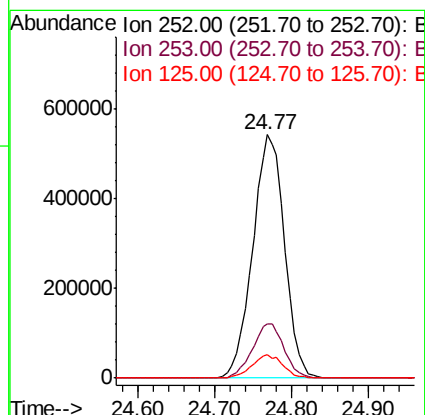
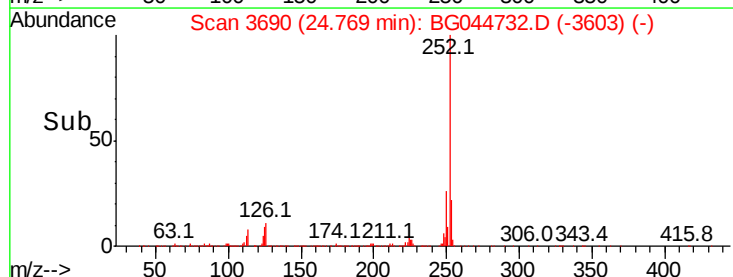
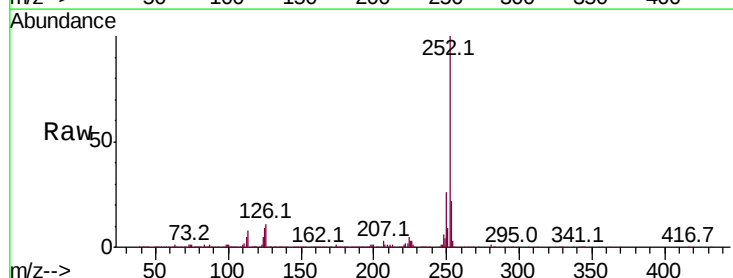
Tgt Ion:252 Resp: 1565766

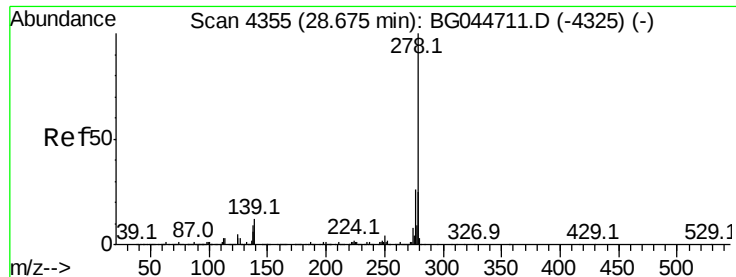
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 40.814 ng

RT: 28.65 min Scan# 4351

Delta R.T. -0.02 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

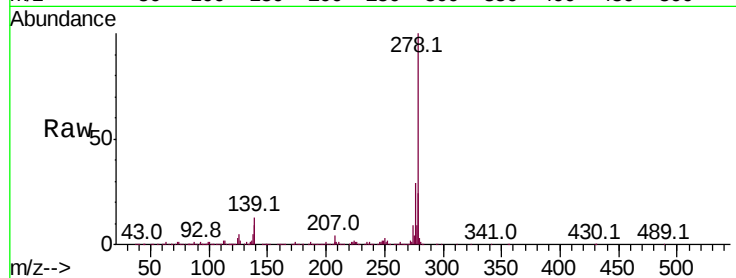
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1627987

Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.9	14.9
279	24.2	20.2	30.4

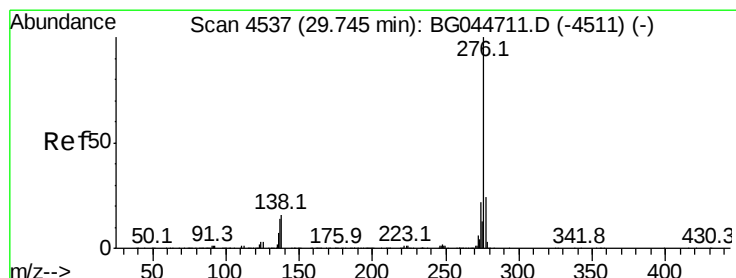
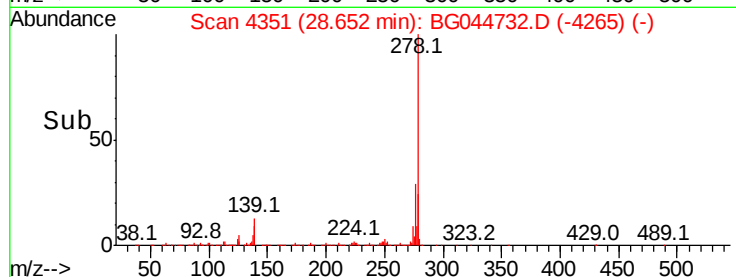
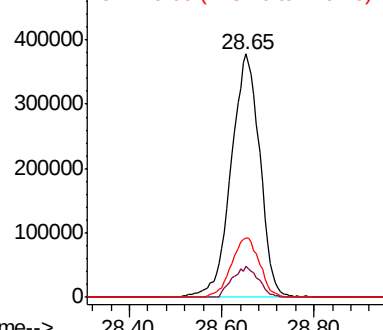


Abundance

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: 41.629 ng

RT: 29.72 min Scan# 4533

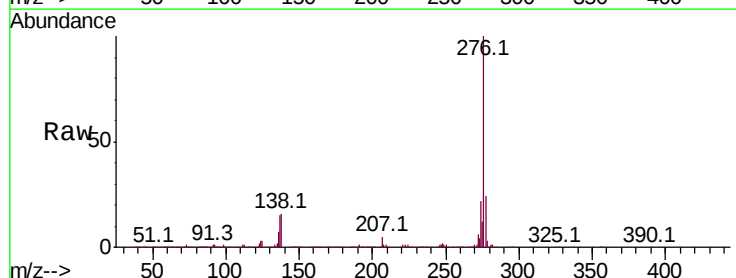
Delta R.T. -0.02 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:276 Resp: 1677674

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	15.6	13.0	19.4



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

