

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044719.D
 Acq On : 11 Mar 2020 13:58
 Operator : CG/JU
 Sample : PB127319BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 12 01:12:02 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	8.06	152	111647	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	465877	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	317127	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	713218	20.00	ng	0.00
76) Chrysene-d12	21.71	240	635516	20.00	ng	0.00
87) Perylene-d12	24.93	264	648410	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	891520	124.30	ng	0.00
7) Phenol-d6	7.22	99	1258670	120.79	ng	0.00
23) Nitrobenzene-d5	9.22	82	696584	65.61	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	457871	110.27	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1429615	64.56	ng	0.00
79) Terphenyl-d14	20.05	244	2204299	64.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	118526	34.318	ng	97
3) Pyridine	3.91	79	296420	28.992	ng	99
4) n-Nitrosodimethylamine	3.83	42	155180	40.002	ng	99
6) Aniline	7.38	93	426693	32.907	ng	97
8) 2-Chlorophenol	7.63	128	332517	46.444	ng	99
9) Benzaldehyde	7.19	77	153499	20.790	ng	97
10) Phenol	7.24	94	473135	45.862	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	343281	41.693	ng	99
12) 1,3-Dichlorobenzene	7.95	146	333378	37.800	ng	97
13) 1,4-Dichlorobenzene	8.10	146	336359	38.577	ng	98
14) 1,2-Dichlorobenzene	8.42	146	324155	39.199	ng	99
15) Benzyl Alcohol	8.30	79	360080	43.068	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	550414	37.881	ng	99
17) 2-Methylphenol	8.50	107	314002	44.933	ng	96
18) Hexachloroethane	9.15	117	133927	39.014	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	291302	39.590	ng	# 98
20) 3+4-Methylphenols	8.83	107	431101	44.751	ng	98
22) Acetophenone	8.88	105	514585	38.989	ng	99
24) Nitrobenzene	9.26	77	443605	40.269	ng	98
25) Isophorone	9.79	82	801414	38.677	ng	97
26) 2-Nitrophenol	9.98	139	162239	43.063	ng	96
27) 2,4-Dimethylphenol	10.04	122	327374	48.516	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	464606	37.572	ng	98
29) 2,4-Dichlorophenol	10.51	162	335173	42.527	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	359195	38.115	ng	95
31) Naphthalene	10.92	128	1000641	38.773	ng	99
32) Benzoic acid	10.17	122	205508	40.889	ng	99
33) 4-Chloroaniline	11.02	127	249120	21.426	ng	98
34) Hexachlorobutadiene	11.22	225	224141	36.167	ng	96
35) Caprolactam	11.79	113	54627	18.306	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	397078	42.243	ng	97
37) 2-Methylnaphthalene	12.53	142	752579	38.984	ng	98
38) 1-Methylnaphthalene	12.74	142	714696	39.379	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	387691	37.121	ng	99

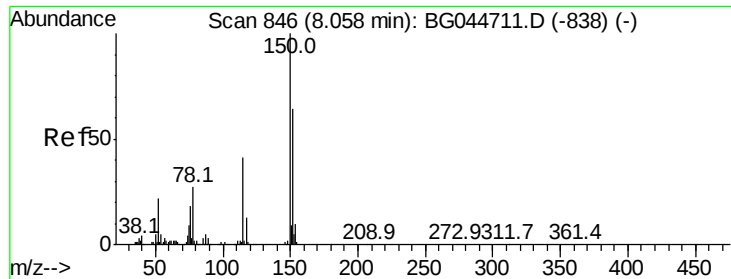
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044719.D
 Acq On : 11 Mar 2020 13:58
 Operator : CG/JU
 Sample : PB127319BS
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 12 01:12:02 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)
41) Hexachlorocyclopentadiene	12.89	237	460946	80.759	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	285299	41.162	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	298410	41.515	ng	96
46) 1,1'-Biphenyl	13.53	154	937414	36.990	ng	98
47) 2-Chloronaphthalene	13.57	162	719638	37.173	ng	99
48) 2-Nitroaniline	13.76	65	269883	39.820	ng	100
49) Acenaphthylene	14.41	152	1183327	39.016	ng	100
50) Dimethylphthalate	14.15	163	965900	38.242	ng	99
51) 2,6-Dinitrotoluene	14.25	165	214573	42.146	ng	96
52) Acenaphthene	14.76	154	835274	42.052	ng	100
53) 3-Nitroaniline	14.58	138	163114	27.867	ng	100
54) 2,4-Dinitrophenol	14.79	184	211080	79.410	ng	# 66
55) Dibenzofuran	15.09	168	1127204	39.134	ng	100
56) 4-Nitrophenol	14.89	139	409665	91.706	ng	98
57) 2,4-Dinitrotoluene	15.04	165	291889	41.803	ng	# 97
58) Fluorene	15.74	166	912639	38.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	274457	41.473	ng	99
60) Diethylphthalate	15.52	149	1002144	38.041	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	489391	38.358	ng	98
62) 4-Nitroaniline	15.75	138	223670	35.836	ng	97
63) Azobenzene	16.03	77	1062818	38.850	ng	100
65) 4,6-Dinitro-2-methylphenol	15.81	198	150109	45.252	ng	95
66) n-Nitrosodiphenylamine	15.95	169	837491	39.002	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	330464	37.063	ng	99
68) Hexachlorobenzene	16.75	284	356510	36.856	ng	99
69) Atrazine	16.90	200	354439	45.053	ng	98
70) Pentachlorophenol	17.09	266	448637	84.294	ng	97
71) Phenanthrene	17.48	178	1475233	38.707	ng	99
72) Anthracene	17.57	178	1500601	39.929	ng	99
73) Carbazole	17.83	167	1443100	39.975	ng	100
74) Di-n-butylphthalate	18.41	149	1726411	39.341	ng	100
75) Fluoranthene	19.49	202	1834734	40.430	ng	99
77) Benzidine	19.66	184	573875	27.816	ng	97
78) Pyrene	19.85	202	1830454	39.258	ng	97
80) Butylbenzylphthalate	20.74	149	797493	38.447	ng	95
81) Benzo(a)anthracene	21.69	228	1754672	38.344	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	579234	32.718	ng	99
83) Chrysene	21.76	228	1676865	38.361	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	1107278	38.679	ng	98
85) Di-n-octyl phthalate	22.85	149	1892346	39.502	ng	100
86) Indeno(1,2,3-cd)pyrene	28.60	276	2206295	38.499	ng	99
88) Benzo(b)fluoranthene	23.91	252	1890795	44.171	ng	99
89) Benzo(k)fluoranthene	23.98	252	1807808	44.627	ng	100
90) Benzo(a)pyrene	24.78	252	1729810	43.187	ng	98
91) Dibenzo(a,h)anthracene	28.67	278	1790580	45.313	ng	98
92) Benzo(g,h,i)perylene	29.74	276	1847765	46.282	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampled :

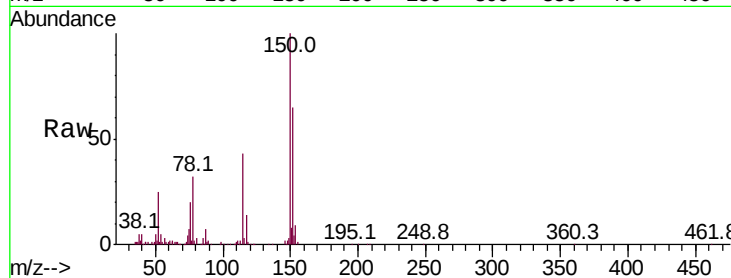
Tot Ion:152 Resp: 111647

Ion Ratio Lower Upper

152 100

150 154.8 125.3 187.9

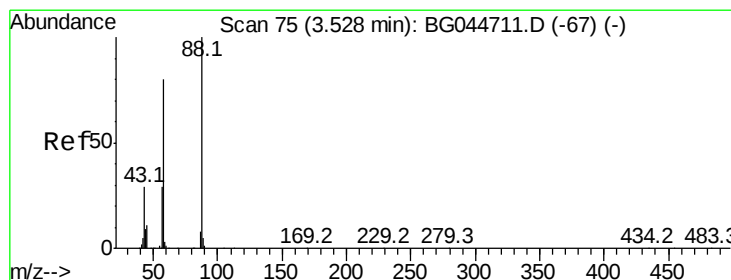
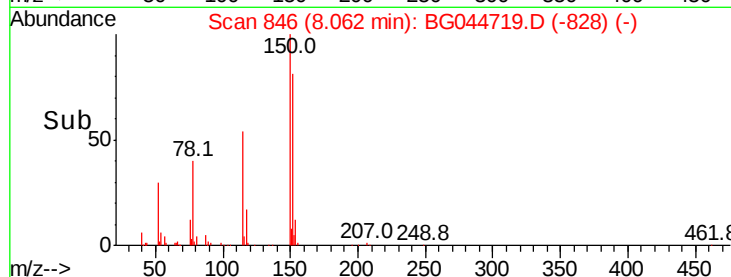
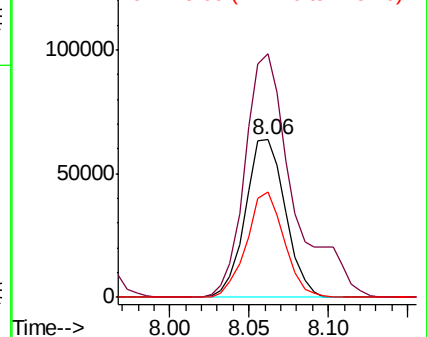
115 66.8 51.7 77.5



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: 34.318 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

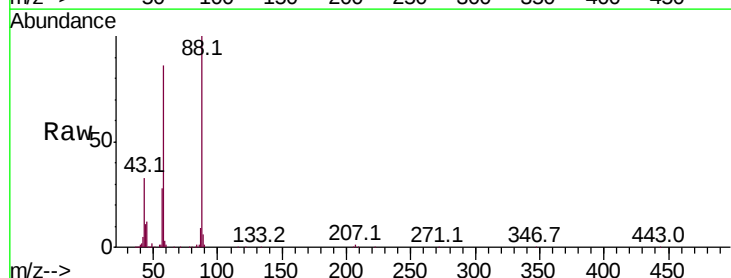
Tgt Ion: 88 Resp: 118526

Ion Ratio Lower Upper

88 100

58 81.3 63.0 94.4

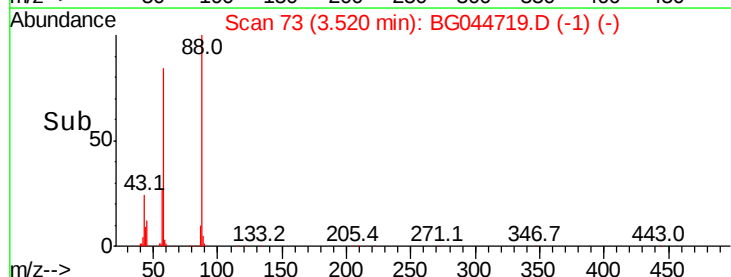
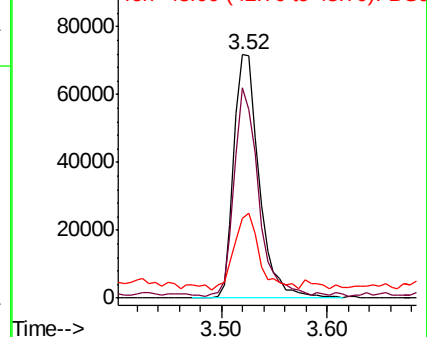
43 31.2 23.2 34.8

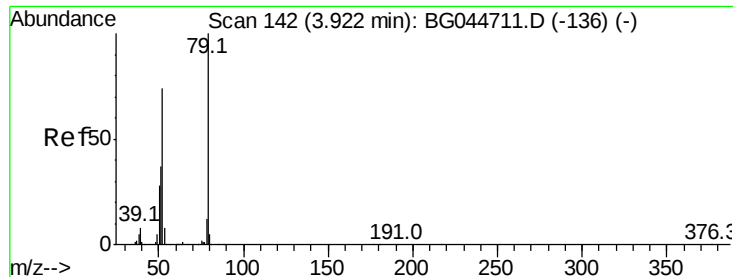


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.992 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

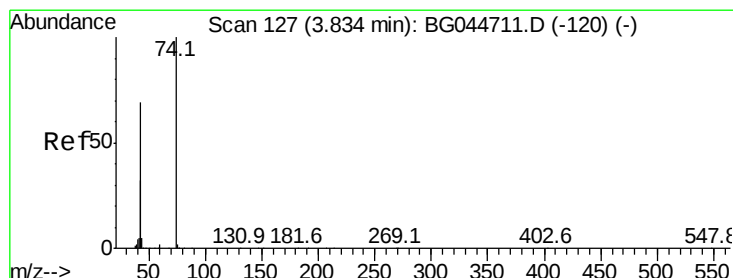
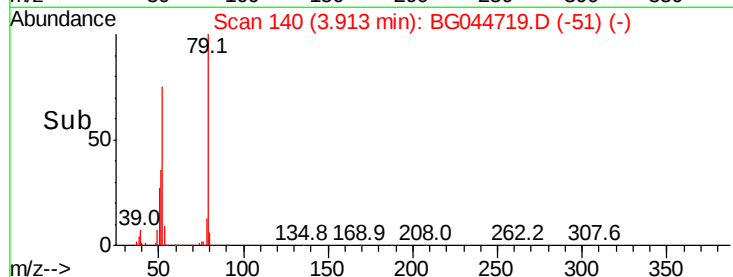
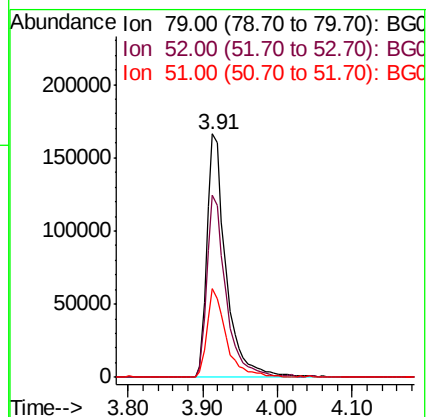
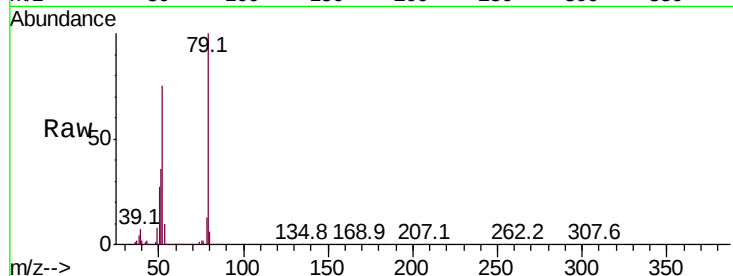
Tot Ion: 79 Resp: 296420

Ion Ratio Lower Upper

79 100

52 74.7 59.4 89.2

51 36.4 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 40.002 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

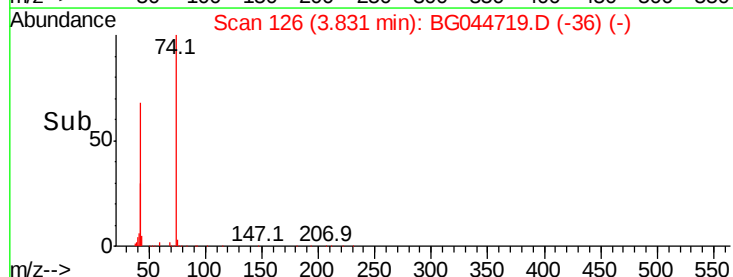
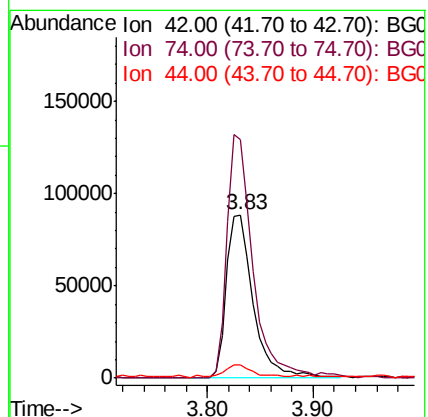
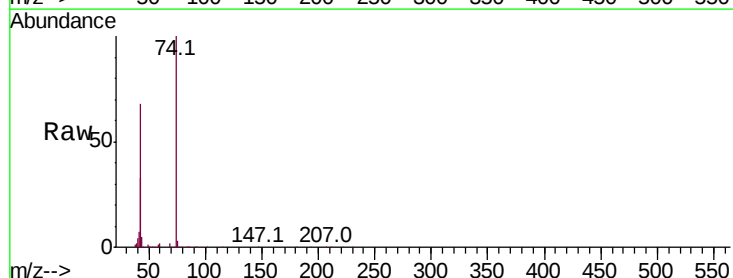
Tgt Ion: 42 Resp: 155180

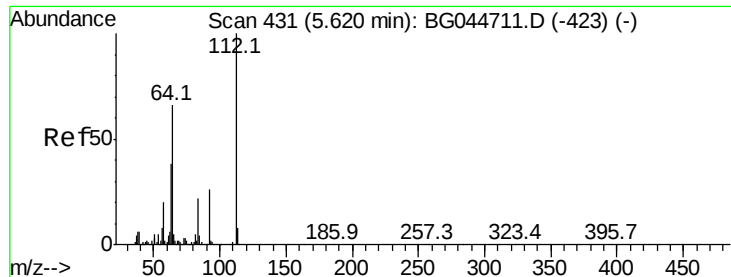
Ion Ratio Lower Upper

42 100

74 146.4 116.1 174.1

44 7.9 7.1 10.7





#5

2-Fluorophenol

Concen: 124.304 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

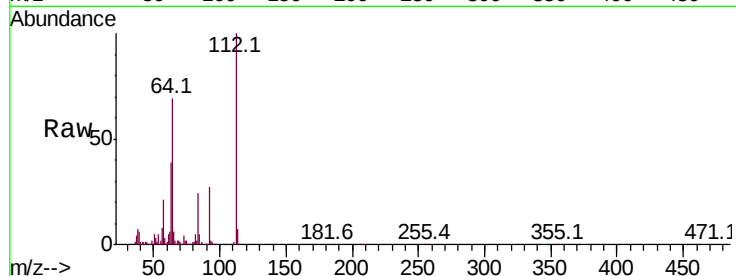
Tot Ion:112 Resp: 891520

Ion Ratio Lower Upper

112 100

64 69.4 52.6 78.8

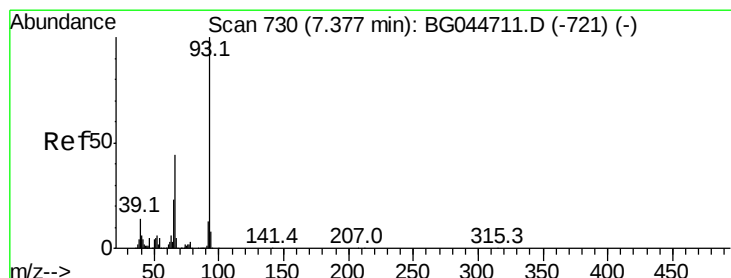
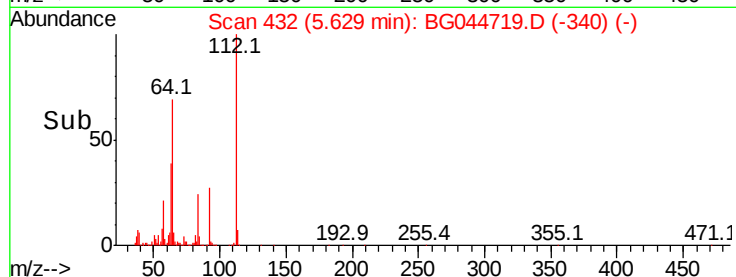
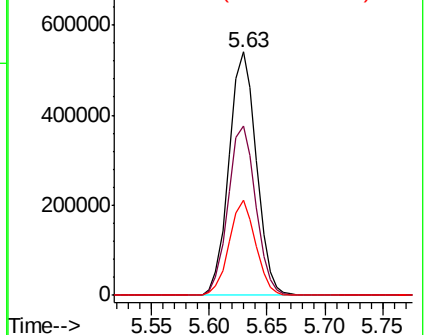
63 39.3 30.2 45.4



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



#6

Aniline

Concen: 32.907 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

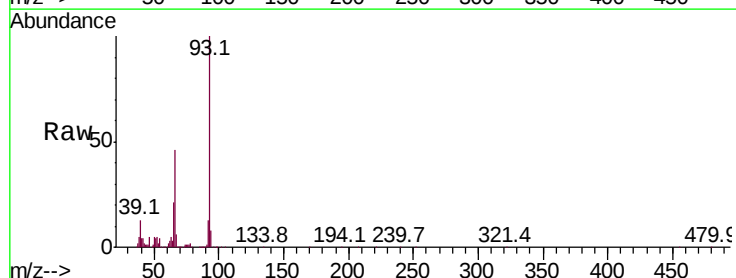
Tgt Ion: 93 Resp: 426693

Ion Ratio Lower Upper

93 100

66 45.7 35.3 52.9

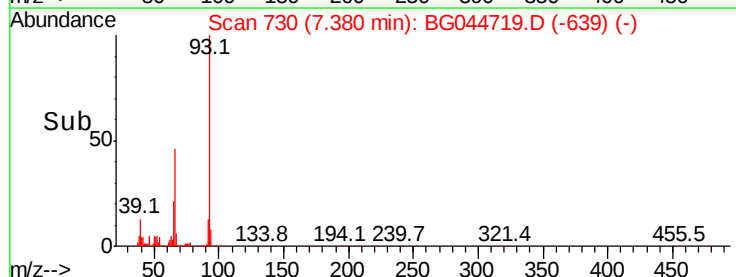
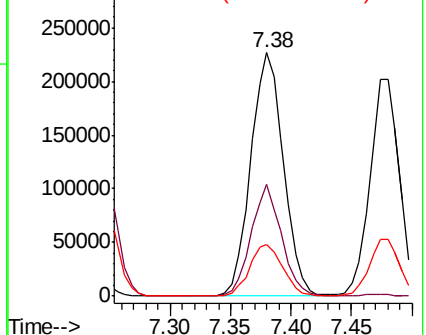
65 21.3 18.2 27.4

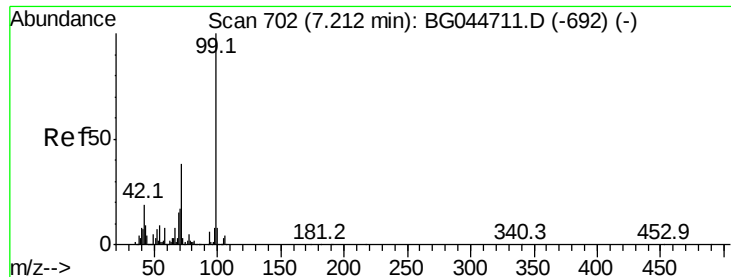


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.788 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

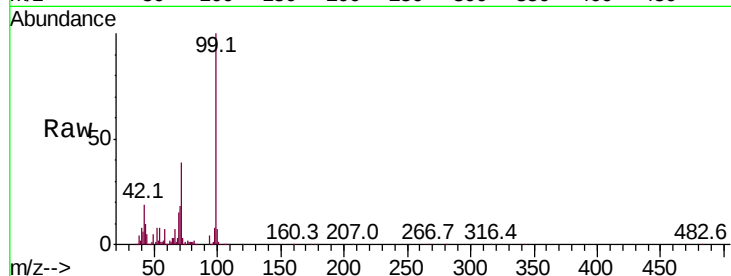
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1258670

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.4	23.0
71	38.5	30.2	45.4



Abundance

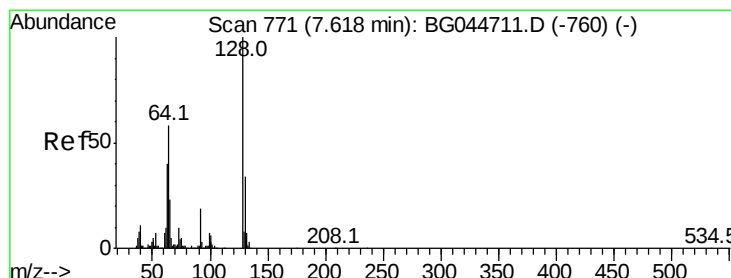
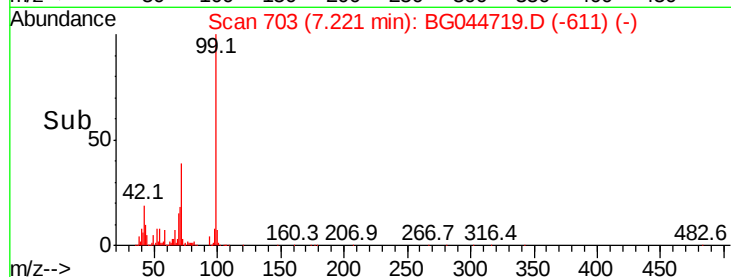
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.22

Time-->



#8

2-Chlorophenol

Concen: 46.444 ng

RT: 7.63 min Scan# 772

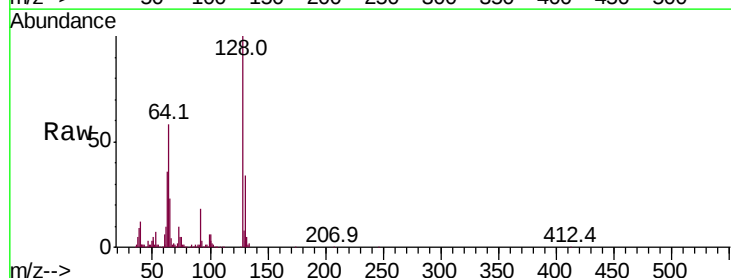
Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:128 Resp: 332517

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.6	53.6
64	57.9	38.6	78.6



Abundance

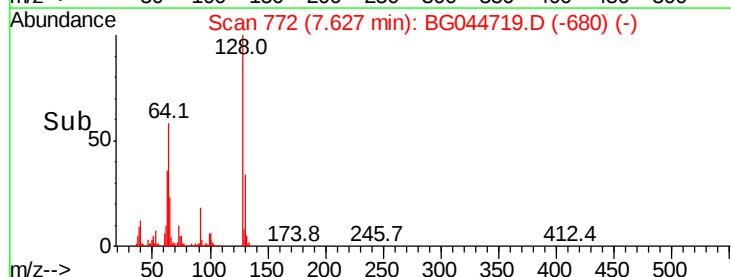
Ion 128.00 (127.70 to 128.70): BGC

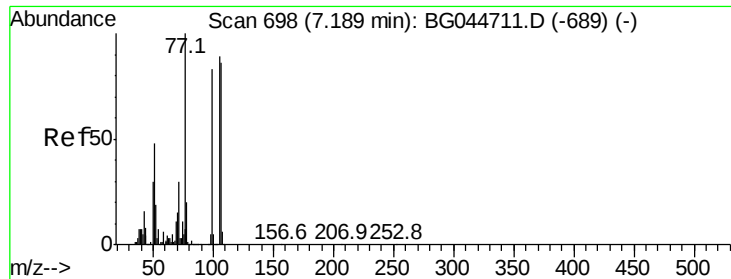
Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

7.63

Time-->





#9

Benzaldehyde

Concen: 20.790 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampled :

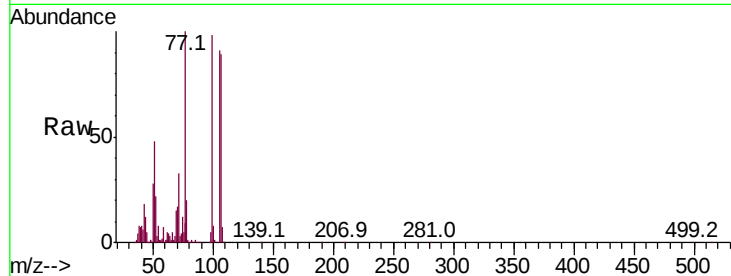
Tot Ion: 77 Resp: 153499

Ion Ratio Lower Upper

77 100

105 90.6 68.6 108.6

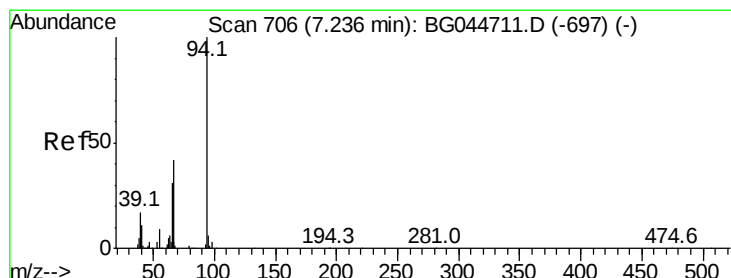
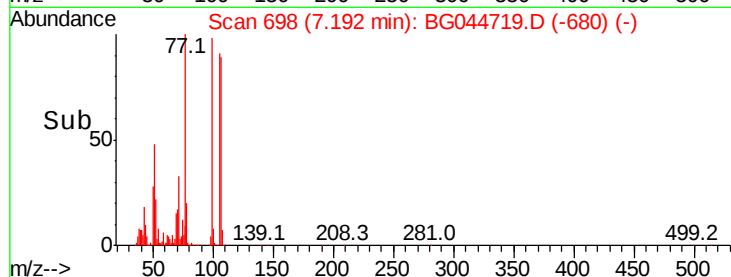
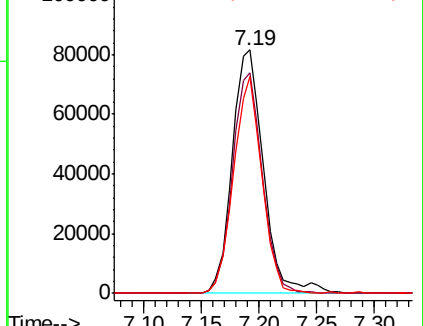
106 89.0 65.9 105.9



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: 45.862 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

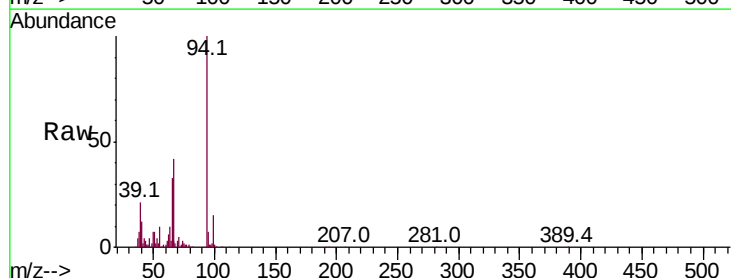
Tgt Ion: 94 Resp: 473135

Ion Ratio Lower Upper

94 100

65 32.9 11.3 51.3

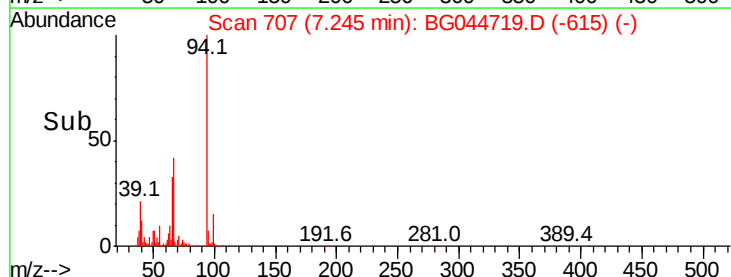
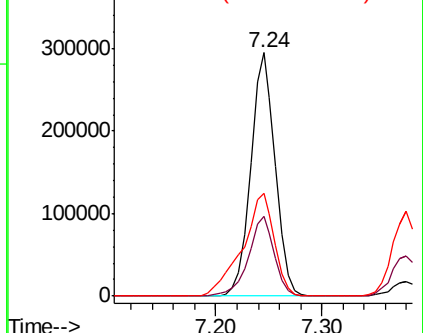
66 42.3 22.9 62.9

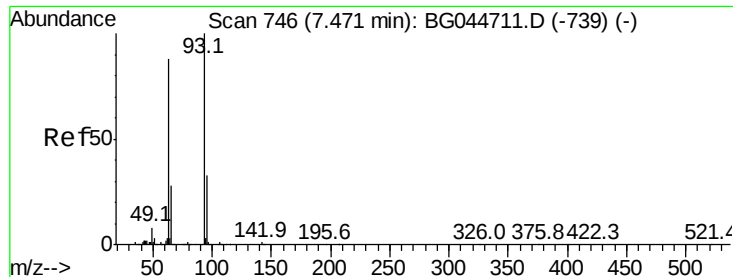


Abundance Ion 94.00 (93.70 to 94.70): BGC

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: 7.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

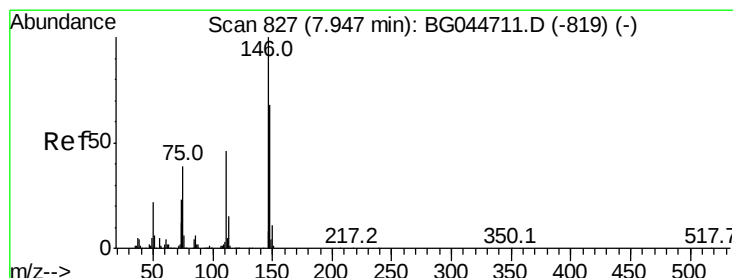
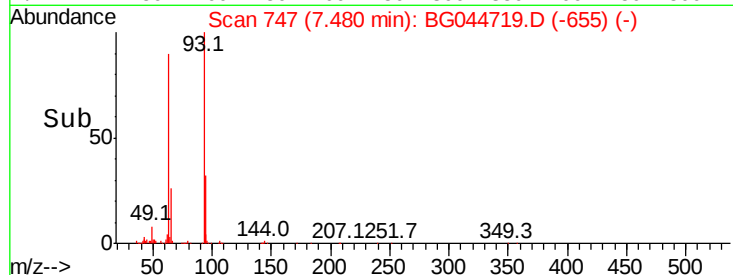
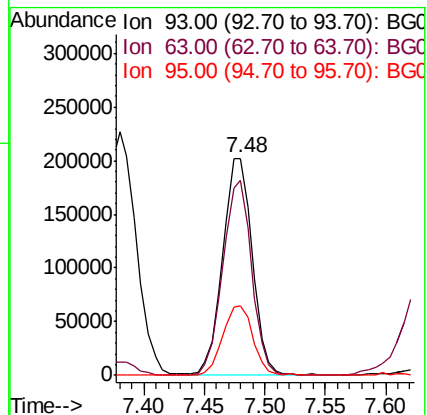
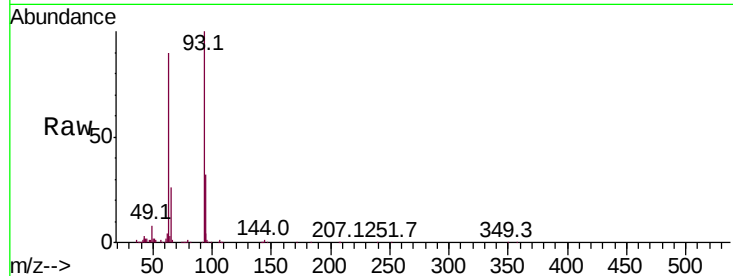
Tot Ion: 93 Resp: 343281

Ion Ratio Lower Upper

93 100

63 89.7 68.1 108.1

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 37.800 ng

RT: 7.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

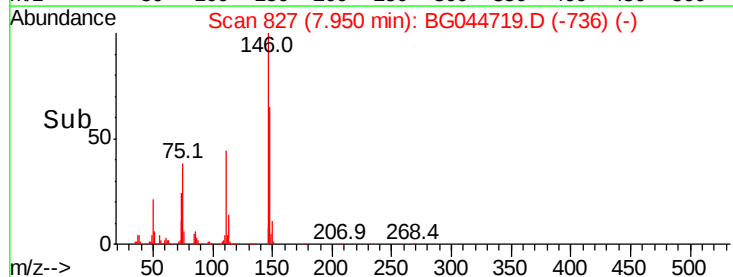
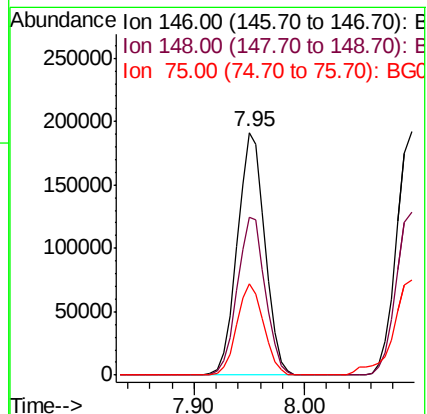
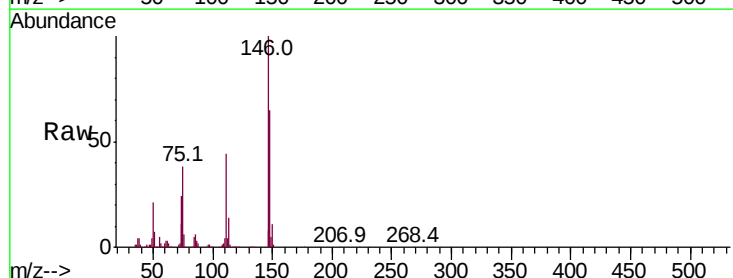
Tgt Ion: 146 Resp: 333378

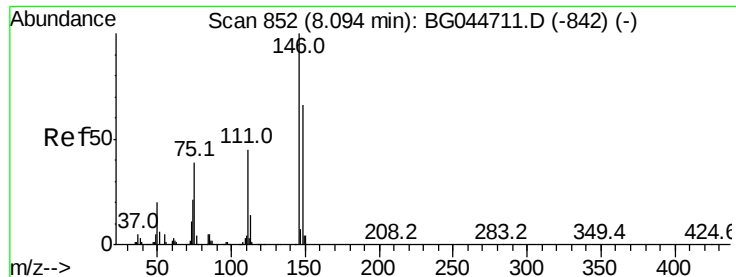
Ion Ratio Lower Upper

146 100

148 65.3 54.2 81.2

75 37.5 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 38.577 ng

RT: 8.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampled :

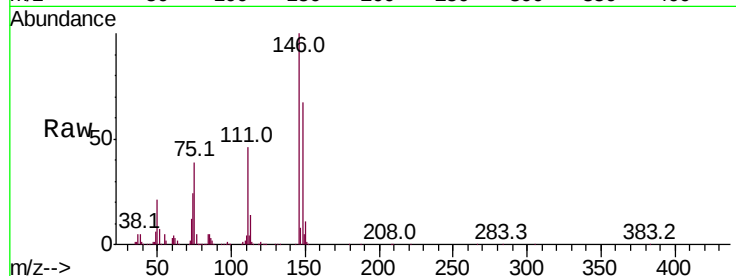
Tot Ion:146 Resp: 336359

Ion Ratio Lower Upper

146 100

148 67.2 52.9 79.3

111 46.1 35.6 53.4

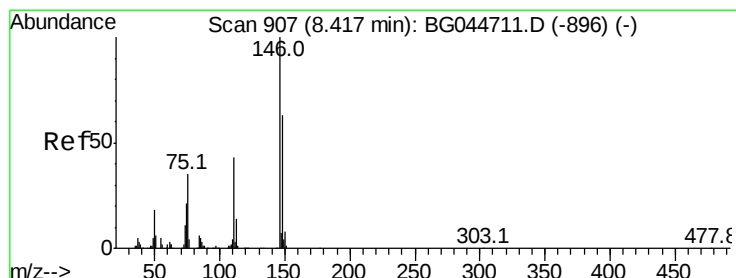
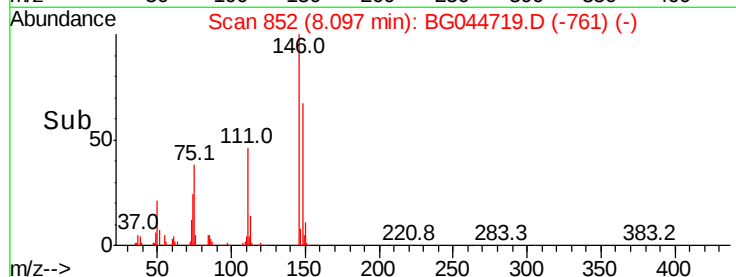
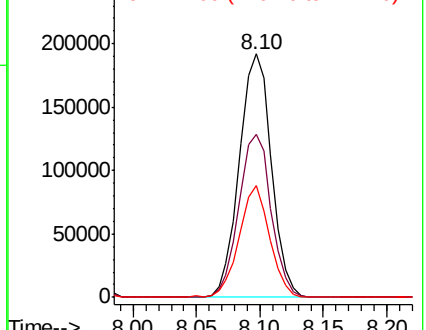


Abundance

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: 39.199 ng

RT: 8.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

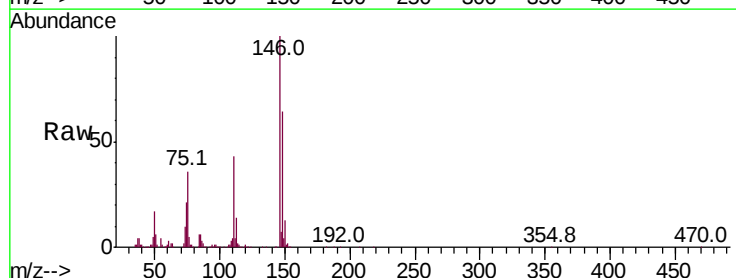
Tgt Ion:146 Resp: 324155

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

111 42.7 34.8 52.2

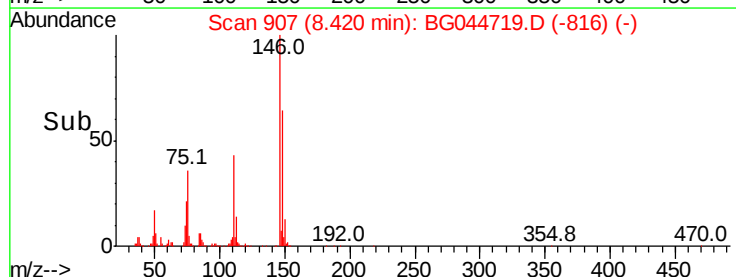
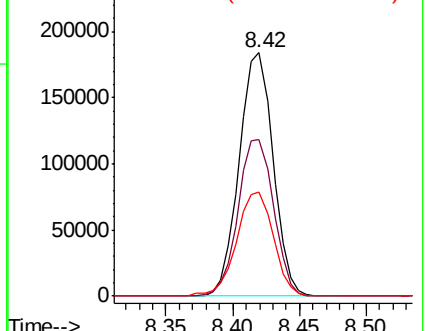


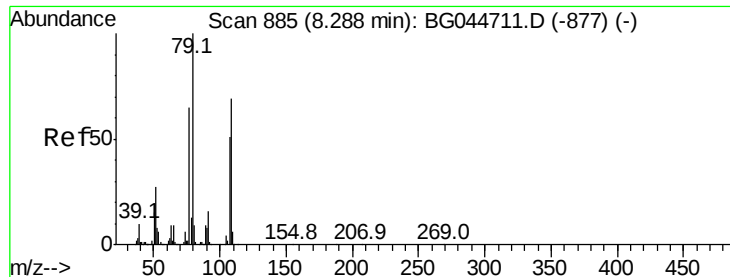
Abundance

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: 43.068 ng

RT: 8.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampled :

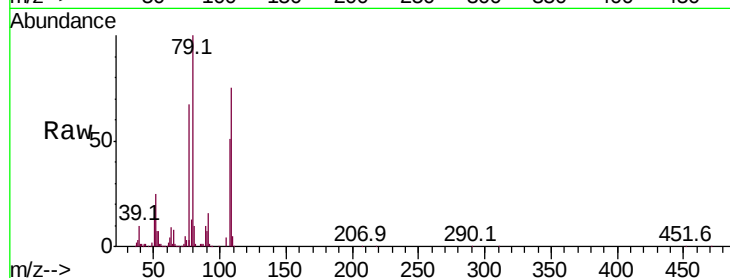
Tot Ion: 79 Resp: 360080

Ion Ratio Lower Upper

79 100

108 75.0 55.4 83.0

77 66.9 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

8.30

250000

200000

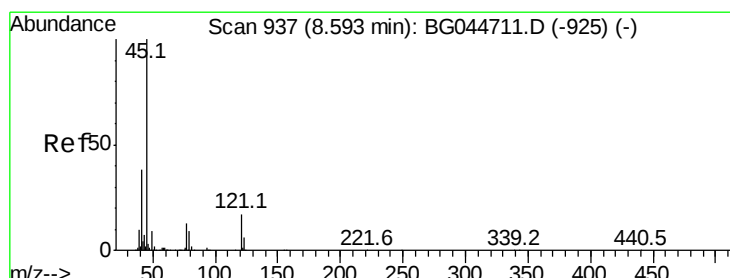
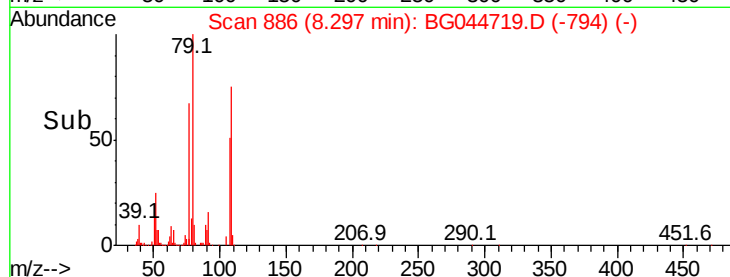
150000

100000

50000

0

Time--> 8.20 8.25 8.30 8.35



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.881 ng

RT: 8.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

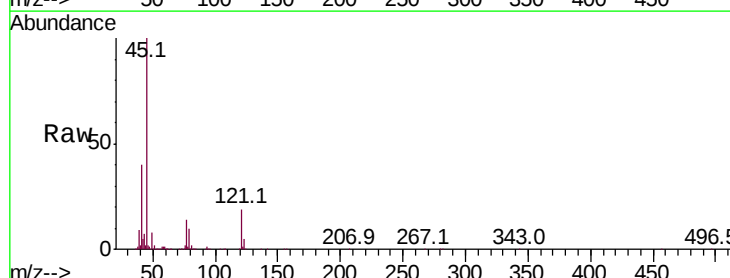
Tgt Ion: 45 Resp: 550414

Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.4

79 9.6 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

8.60

300000

250000

200000

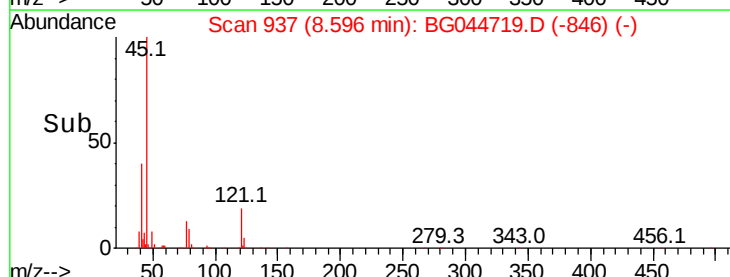
150000

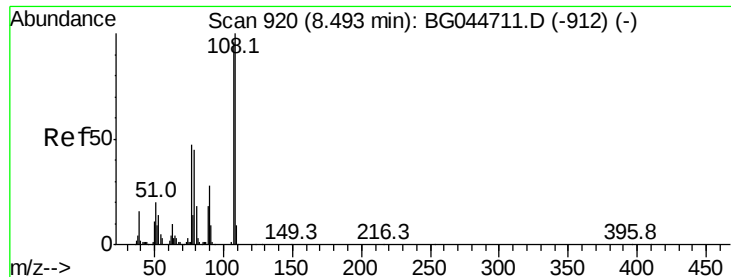
100000

50000

0

Time--> 8.50 8.60 8.70





#17

2-Methylphenol

Concen: 44.933 ng

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 314002

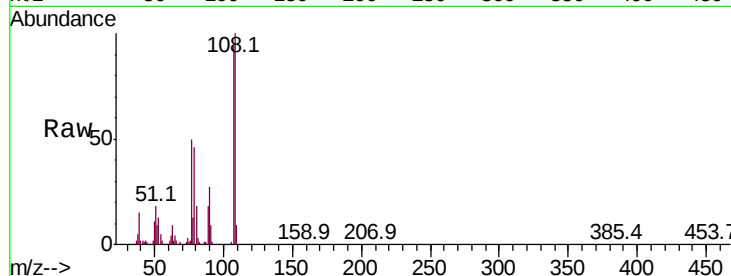
Ion Ratio Lower Upper

107 100

108 106.5 83.2 124.8

77 53.6 39.0 58.6

79 49.0 37.6 56.4

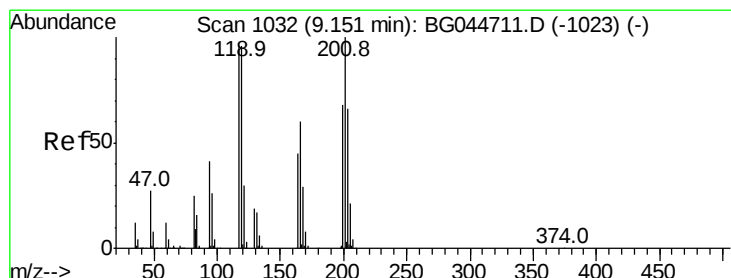
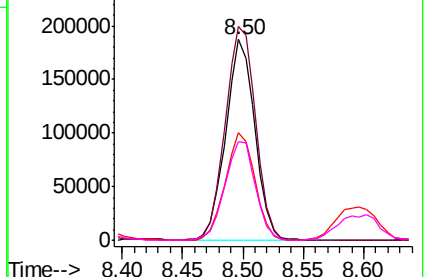
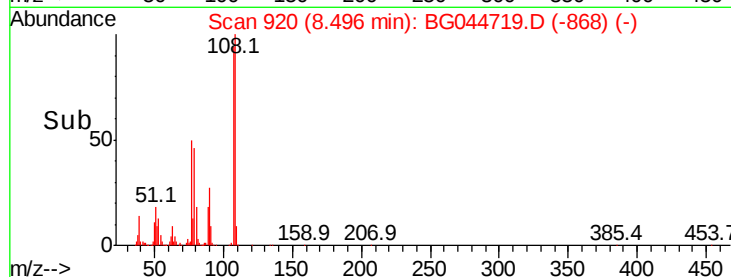


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.014 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

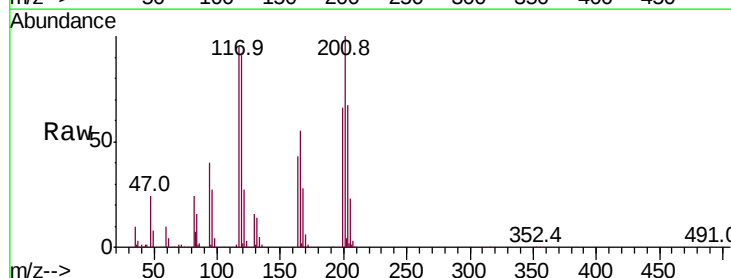
Tgt Ion:117 Resp: 133927

Ion Ratio Lower Upper

117 100

119 95.8 80.2 120.4

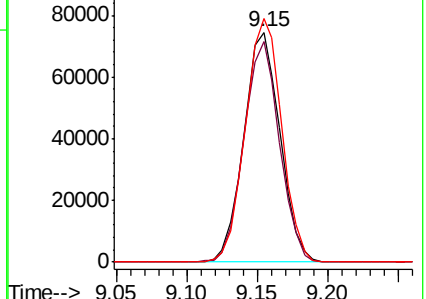
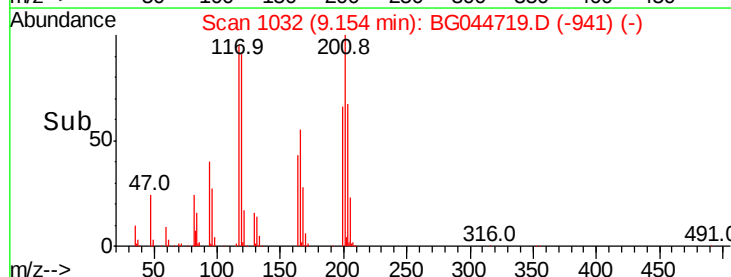
201 105.8 83.4 125.2

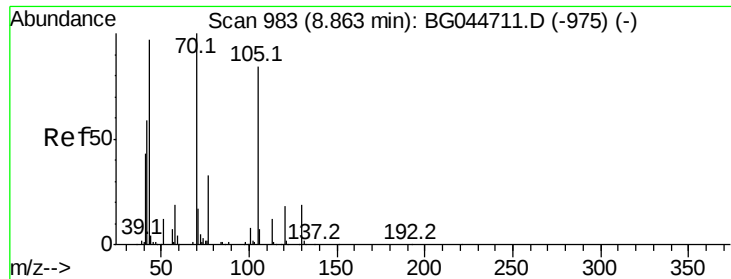


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

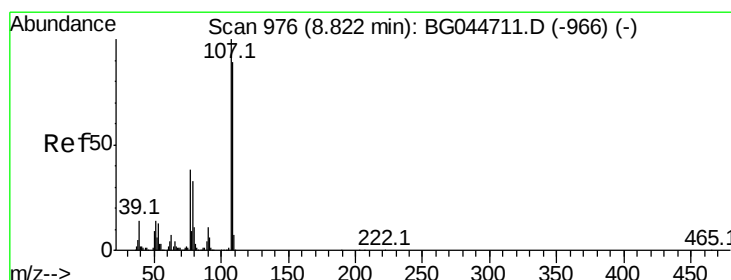
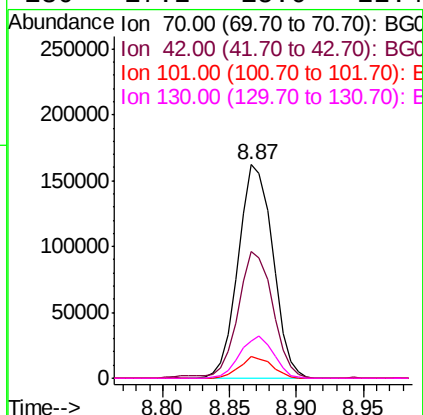
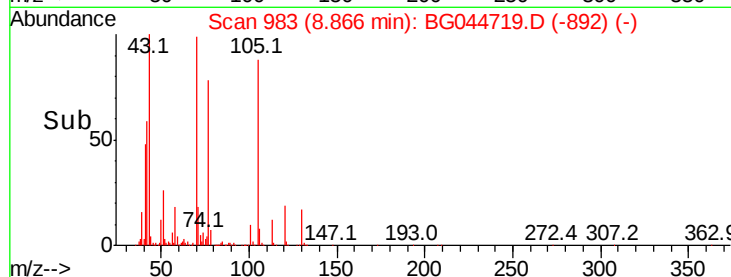
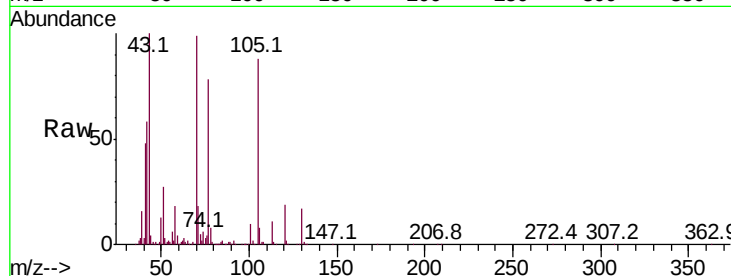




#19
n-Nitroso-di-n-propylamine
Concen: 39.590 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

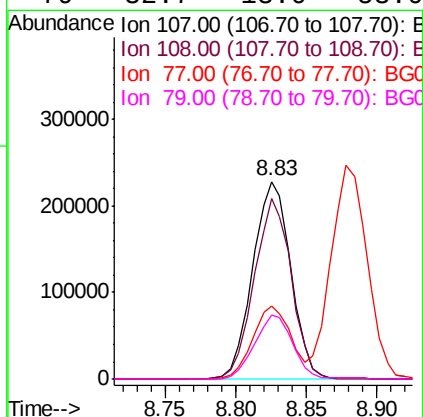
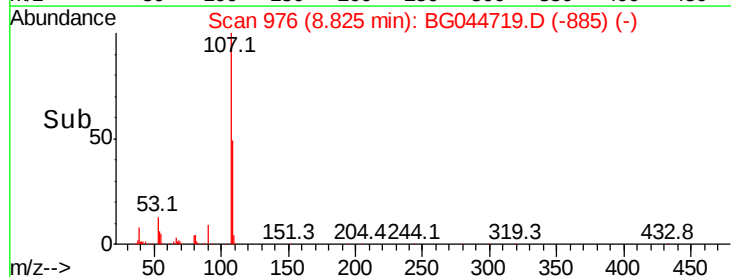
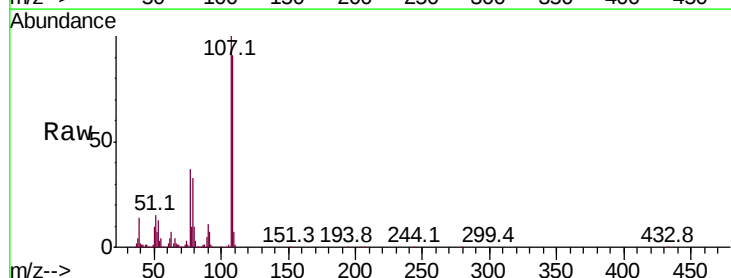
Instrument :
BNA_G
ClientSampleId :

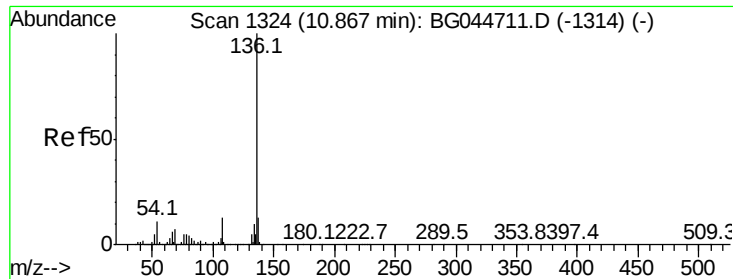
Tot Ion: 70 Resp: 291302
Ion Ratio Lower Upper
70 100
42 59.2 47.6 71.4
101 10.1 6.5 9.7#
130 17.2 15.0 22.4



#20
3+4-Methylphenols
Concen: 44.751 ng
RT: 8.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion: 107 Resp: 431101
Ion Ratio Lower Upper
107 100
108 91.3 69.1 109.1
77 37.1 17.7 57.7
79 32.7 13.0 53.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 465877

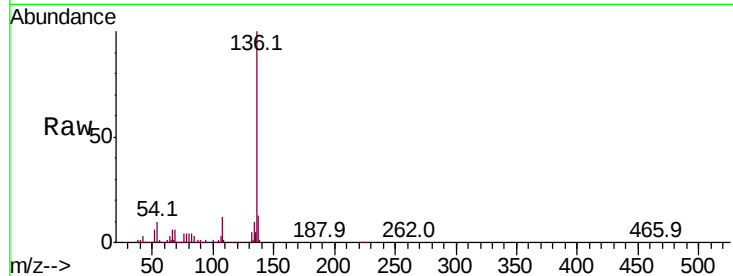
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.7	16.1
54	10.2	9.0	13.4
68	5.9	5.9	8.9

136 100

137 12.7 10.7 16.1

54 10.2 9.0 13.4

68 5.9 5.9 8.9



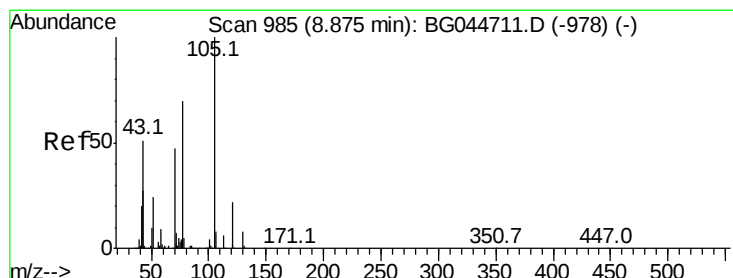
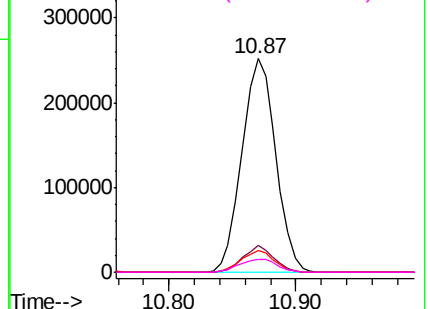
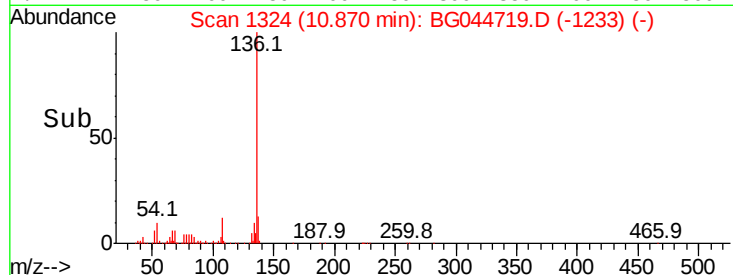
Abundance

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: 38.989 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:105 Resp: 514585

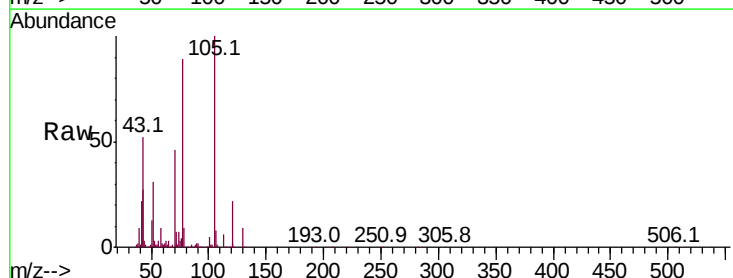
Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.8	8.8
51	30.6	23.8	35.8
120	22.1	17.3	25.9

105 100

71 7.3 5.8 8.8

51 30.6 23.8 35.8

120 22.1 17.3 25.9



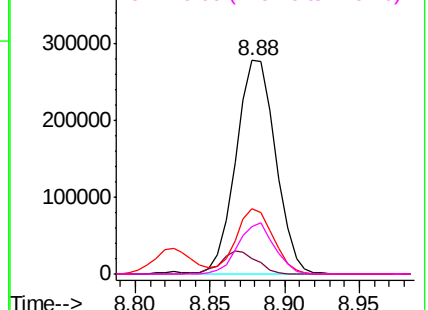
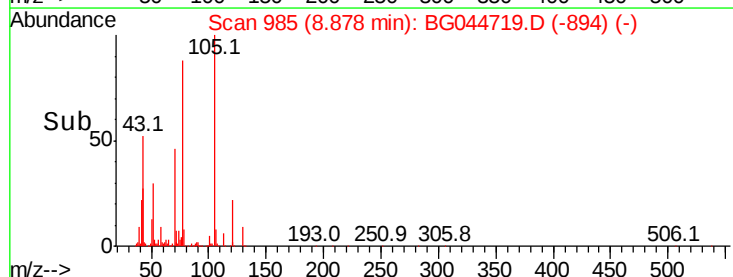
Abundance

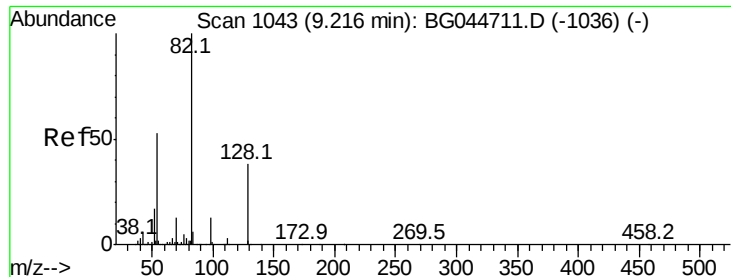
Ion 105.00 (104.70 to 105.70): E

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

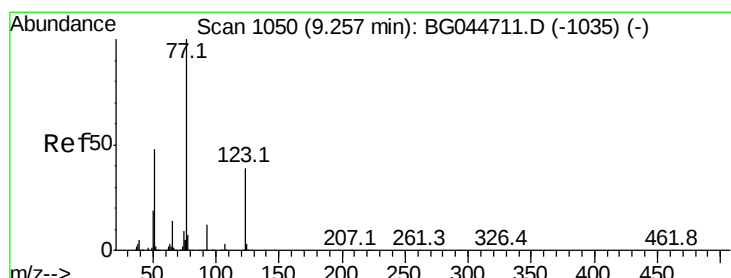
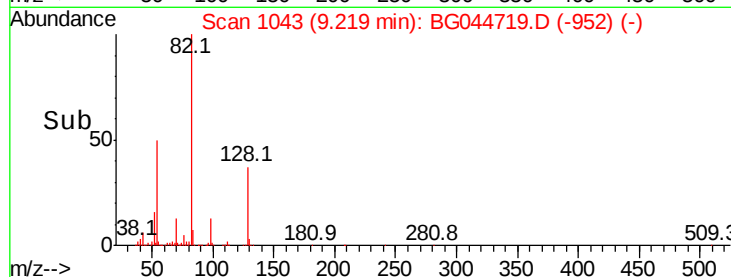
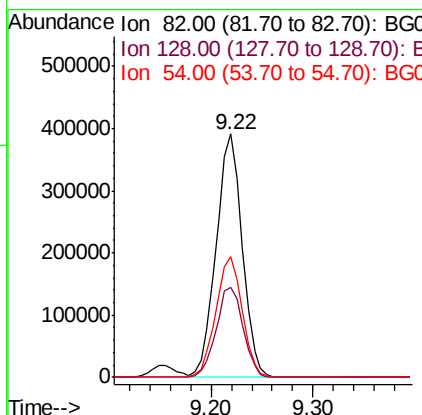
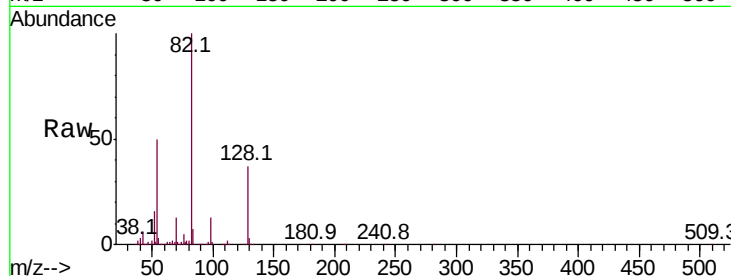




#23
Nitrobenzene-d5
Concen: 65.612 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

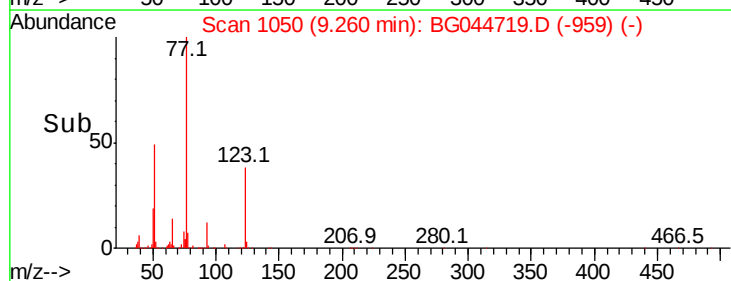
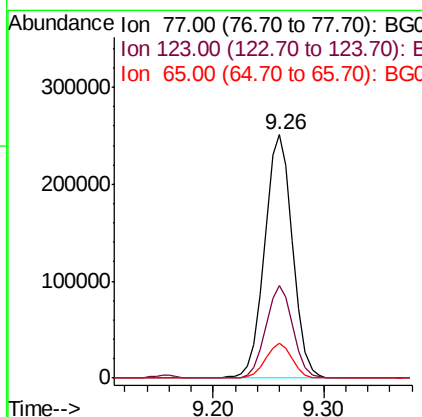
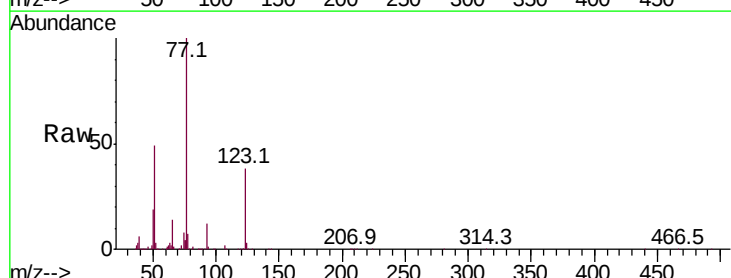
Instrument :
BNA_G
ClientSampled :

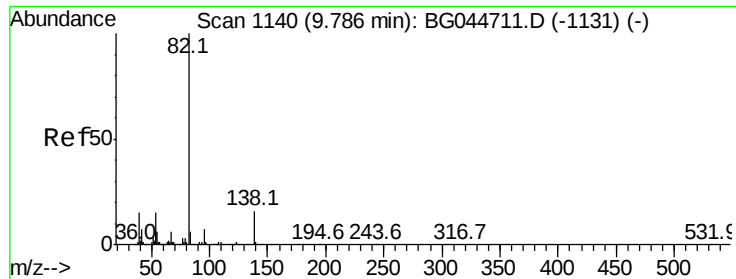
Tot Ion	82	Resp	696584
Ion Ratio	100	Lower	Upper
128	37.0	30.2	45.2
54	49.6	41.8	62.8



#24
Nitrobenzene
Concen: 40.269 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	77	Resp	443605
Ion Ratio	100	Lower	Upper
123	37.8	31.5	47.3
65	14.5	11.0	16.4





#25

Isophorone

Concen: 38.677 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

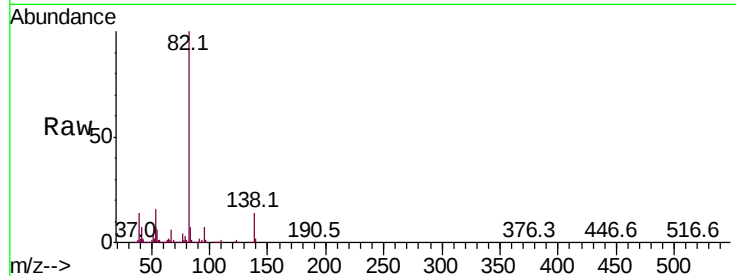
Tot Ion: 82 Resp: 801414

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

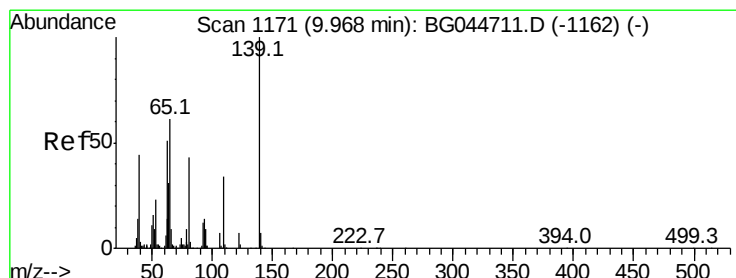
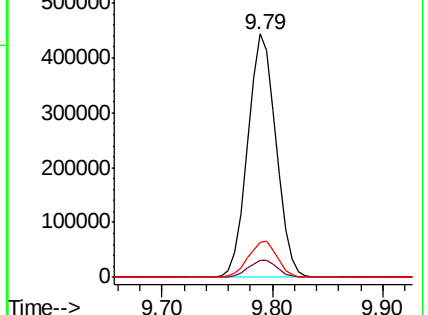
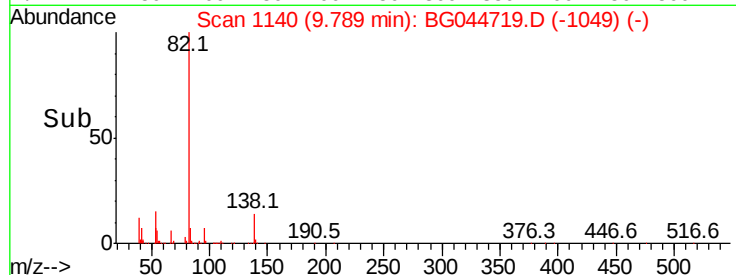
138 14.2 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG044719.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BG044719.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BG044719.D (-1049) (-)



#26

2-Nitrophenol

Concen: 43.063 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

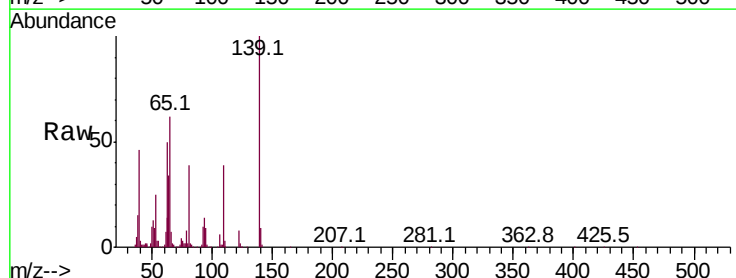
Tgt Ion: 139 Resp: 162239

Ion Ratio Lower Upper

139 100

109 38.7 27.0 40.4

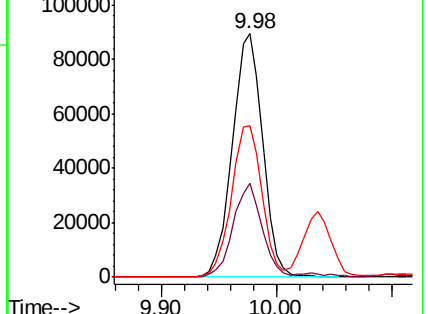
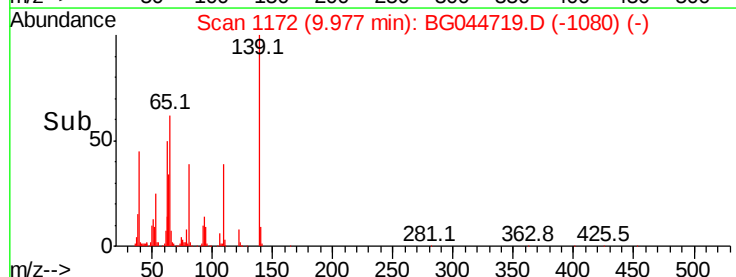
65 62.3 48.6 73.0

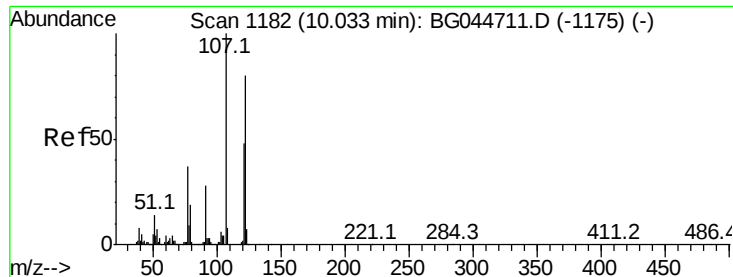


Abundance Ion 139.00 (138.70 to 139.70): BG044719.D (-1080) (-)

Ion 109.00 (108.70 to 109.70): BG044719.D (-1080) (-)

Ion 65.00 (64.70 to 65.70): BG044719.D (-1080) (-)

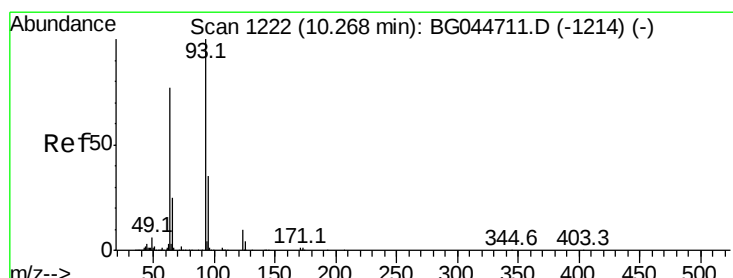
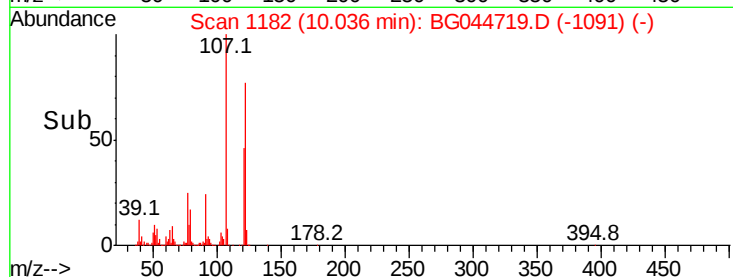
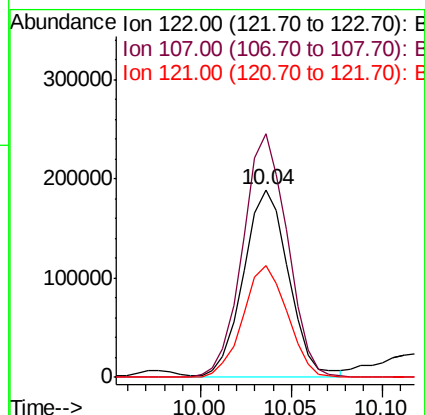
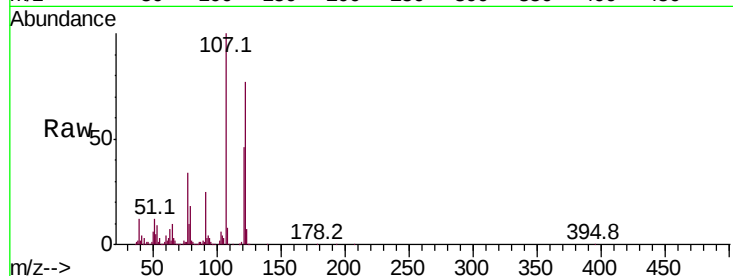




#27
2,4-Dimethylphenol
Concen: 48.516 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

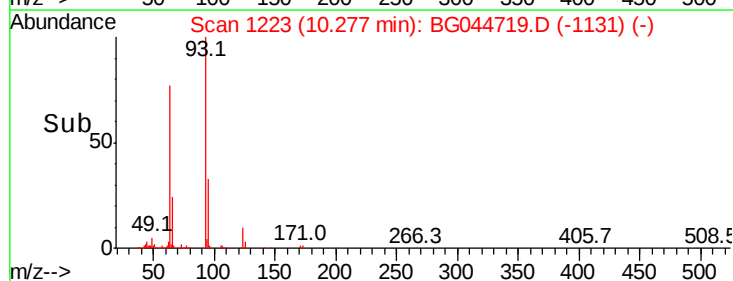
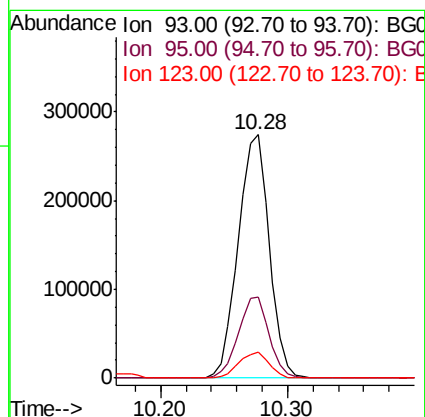
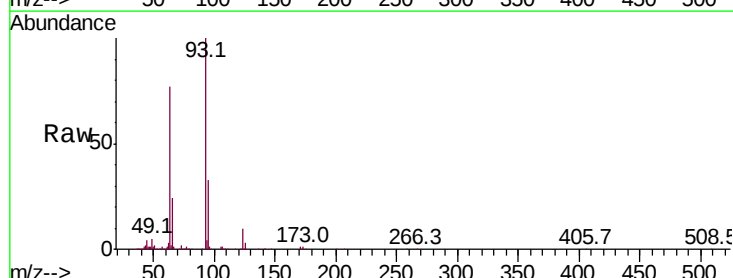
Instrument :
BNA_G
ClientSampleId :

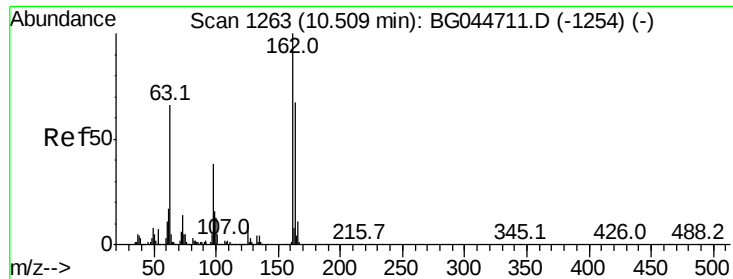
Tot Ion:122 Resp: 327374
Ion Ratio Lower Upper
122 100
107 129.7 99.0 148.6
121 59.6 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.572 ng
RT: 10.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion: 93 Resp: 464606
Ion Ratio Lower Upper
93 100
95 33.1 27.7 41.5
123 10.5 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 42.527 ng

RT: 10.51 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

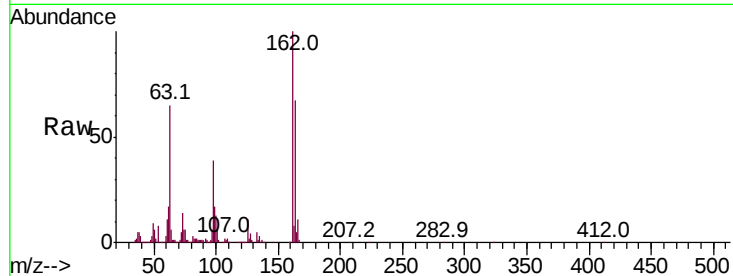
Tot Ion:162 Resp: 335173

Ion Ratio Lower Upper

162 100

164 67.2 46.5 86.5

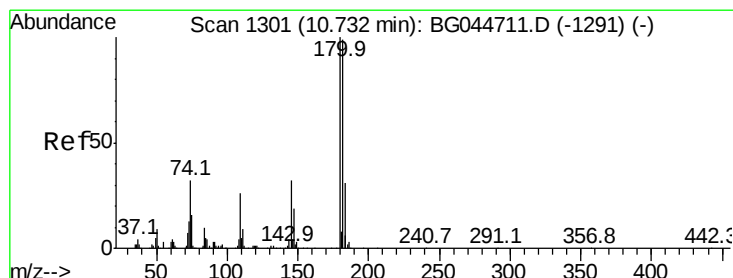
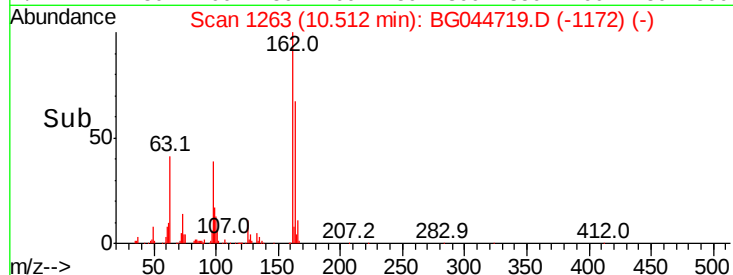
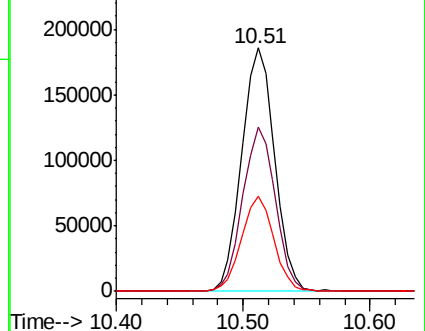
98 39.2 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 38.115 ng

RT: 10.73 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

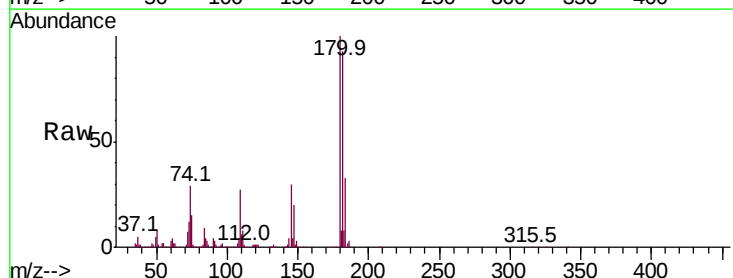
Tgt Ion:180 Resp: 359195

Ion Ratio Lower Upper

180 100

182 93.1 78.8 118.2

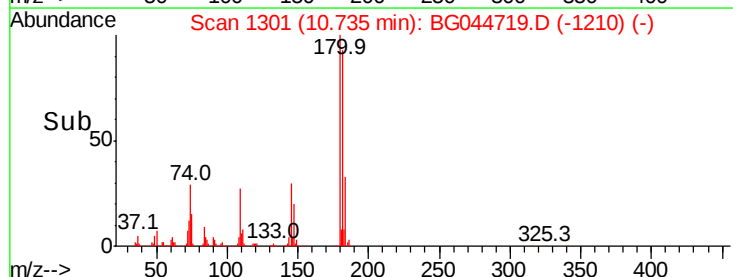
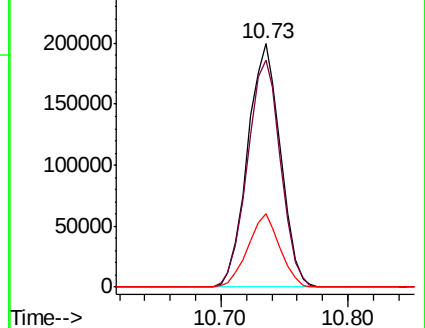
145 30.1 25.4 38.0

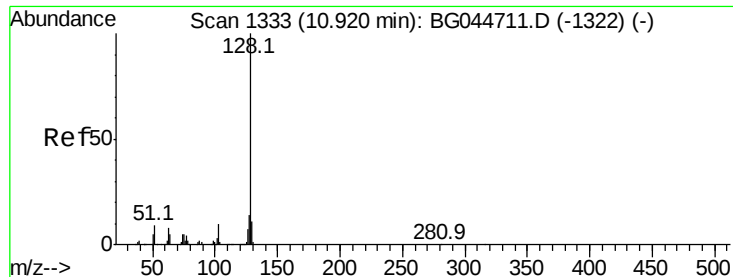


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.773 ng

RT: 10.92 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

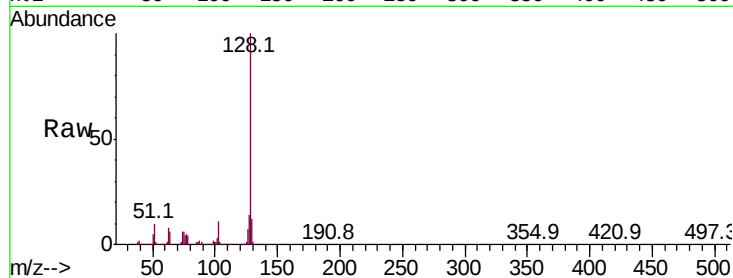
Tot Ion:128 Resp: 1000641

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

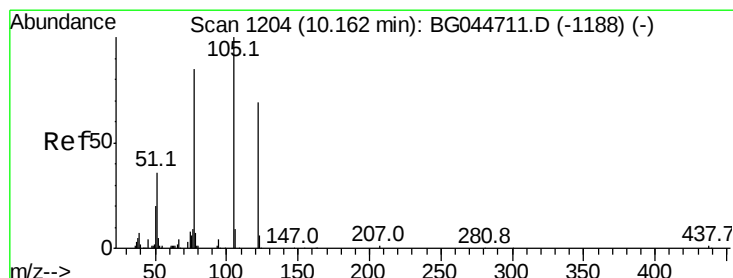
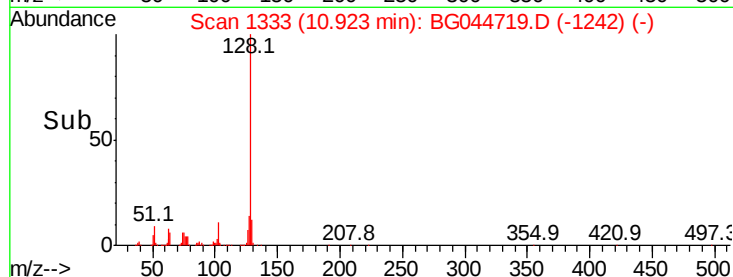
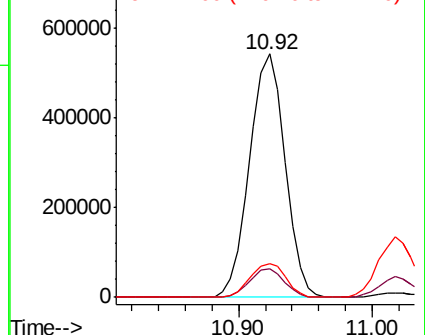
127 14.0 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.889 ng

RT: 10.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

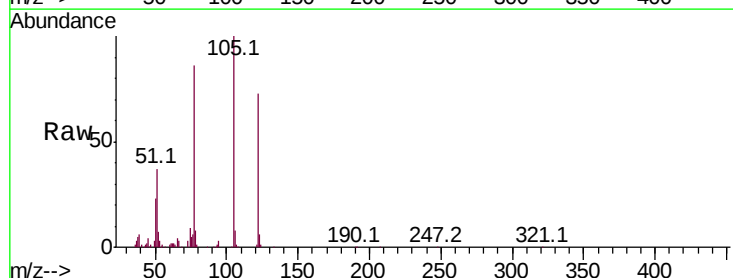
Tgt Ion:122 Resp: 205508

Ion Ratio Lower Upper

122 100

105 136.4 119.0 159.0

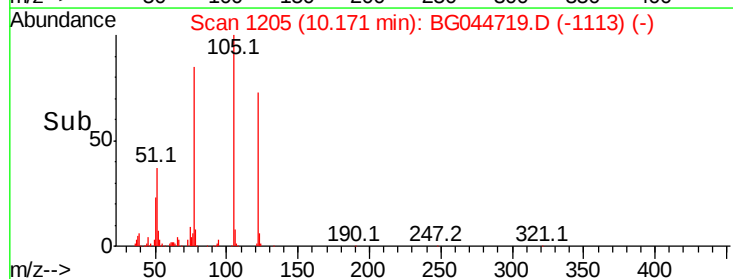
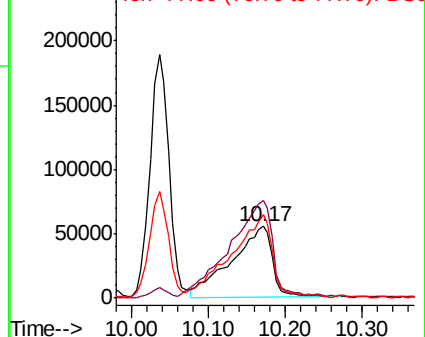
77 117.1 96.4 136.4

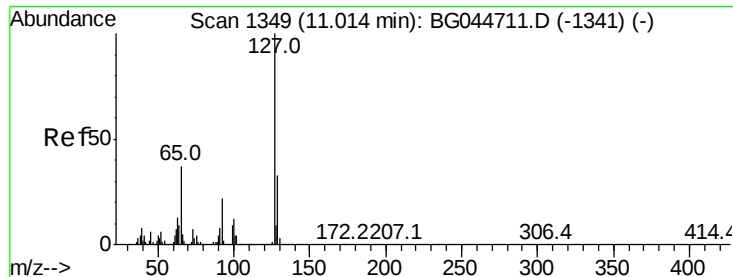


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





#33

4-Chloroaniline

Concen: 21.426 ng

RT: 11.02 min Scan# 1349

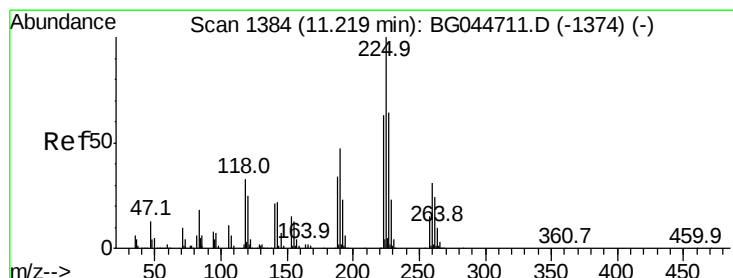
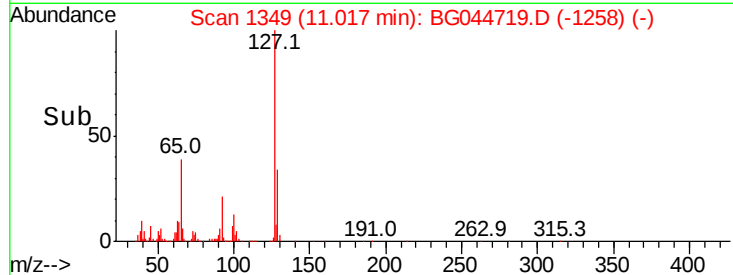
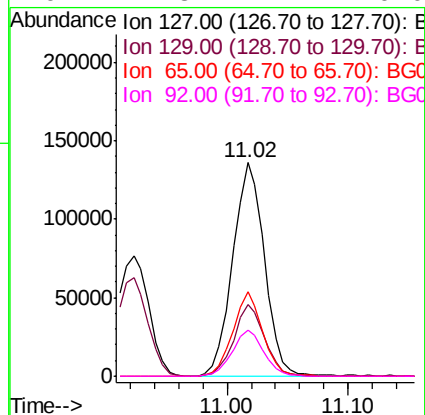
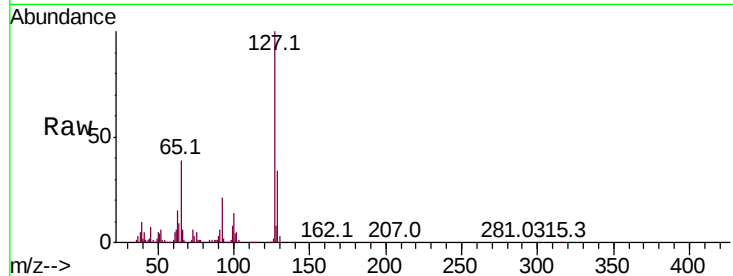
Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	249120
Ion Ratio	Lower	Upper
127	100	
129	33.6	26.2 39.4
65	39.4	29.6 44.4
92	21.3	17.4 26.0



#34

Hexachlorobutadiene

Concen: 36.167 ng

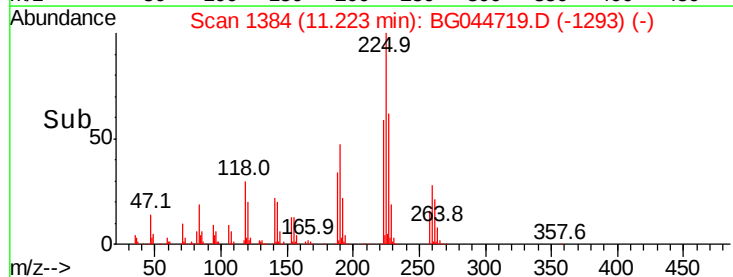
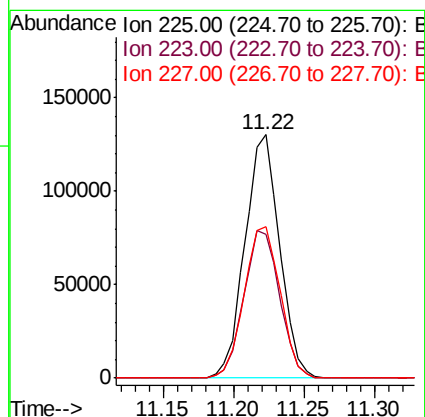
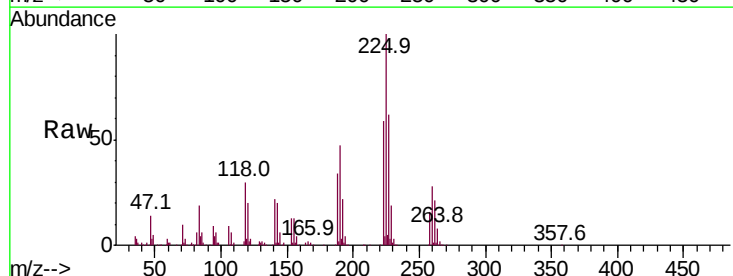
RT: 11.22 min Scan# 1384

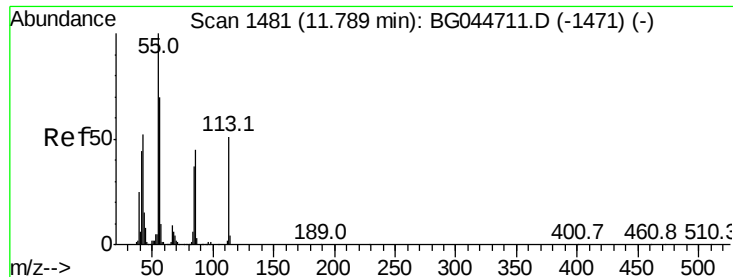
Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:225	Resp:	224141
Ion Ratio	Lower	Upper
225	100	
223	59.0	50.6 76.0
227	62.4	51.6 77.4

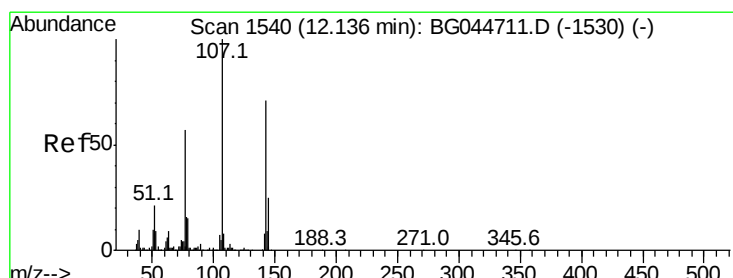
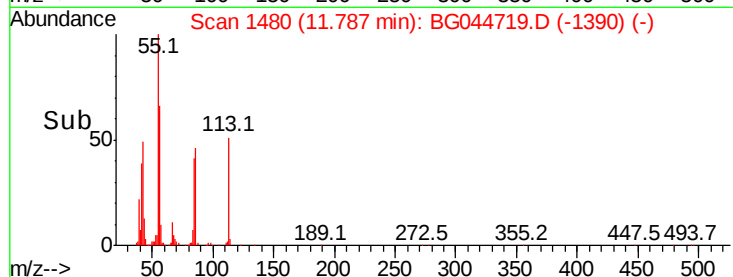
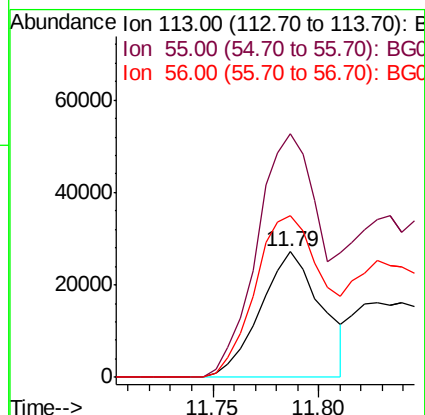
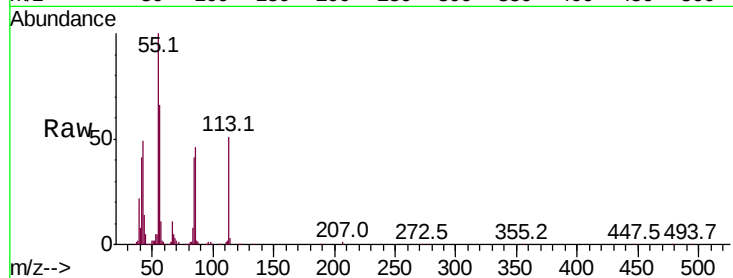




#35
 Caprolactam
 Concen: 18.306 ng
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

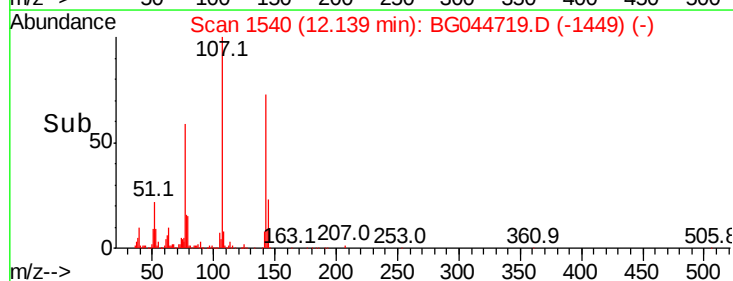
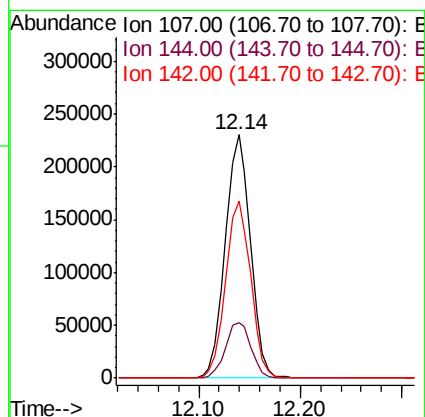
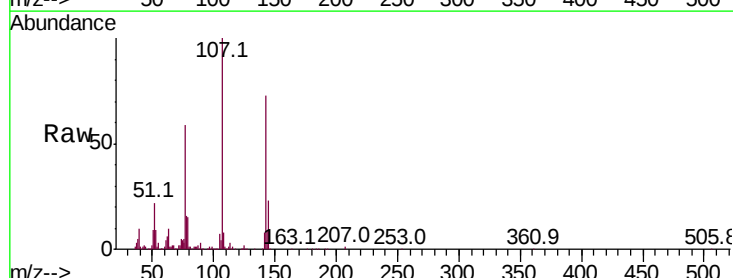
Instrument :
 BNA_G
 ClientSampleId :

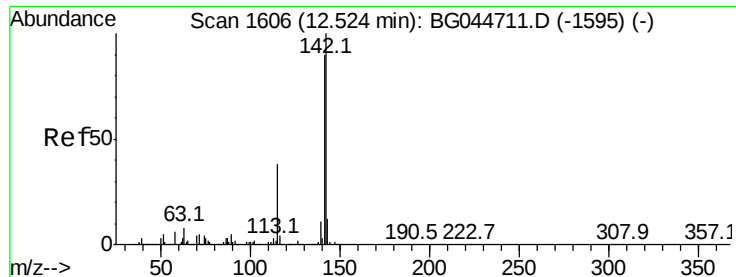
Tot Ion:113 Resp: 54627
 Ion Ratio Lower Upper
 113 100
 55 194.2 178.4 218.4
 56 128.9 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.243 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Tgt Ion:107 Resp: 397078
 Ion Ratio Lower Upper
 107 100
 144 22.6 19.6 29.4
 142 72.8 56.5 84.7

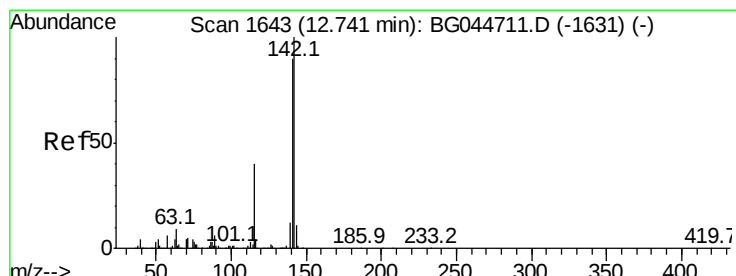
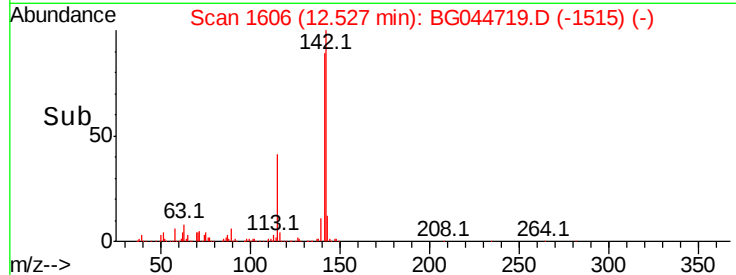
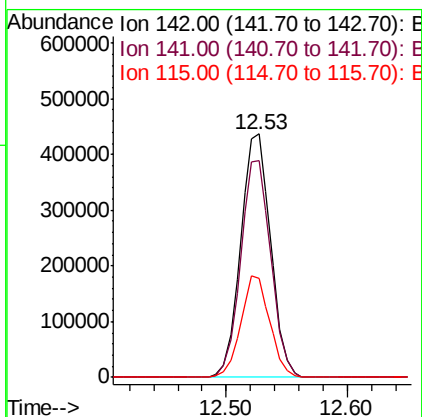
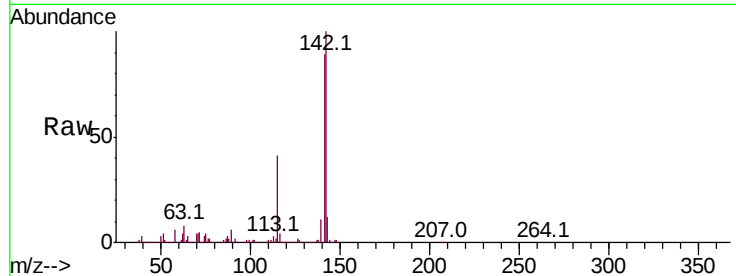




#37
 2-Methylnaphthalene
 Concen: 38.984 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

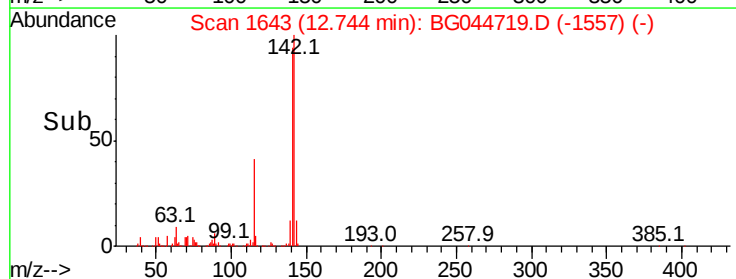
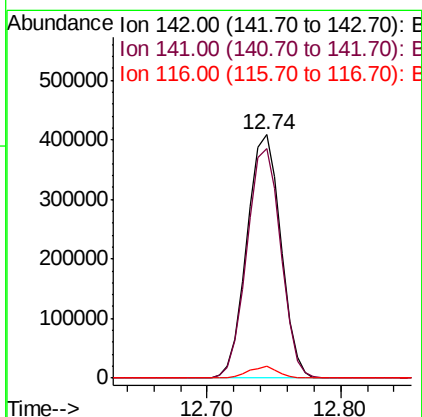
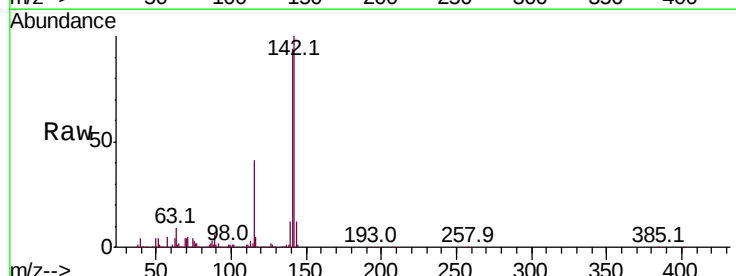
Instrument :
 BNA_G
 ClientSampled :

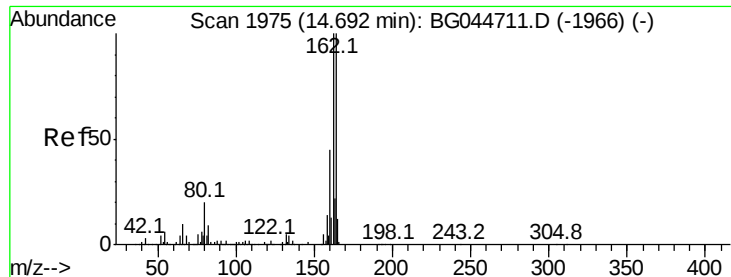
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.3	108.5
115	40.7	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 39.379 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	72.2	108.2
116	4.8	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

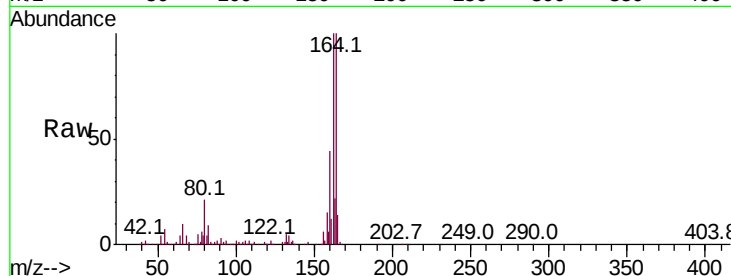
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 317127

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.4
160	43.7	36.2	54.2

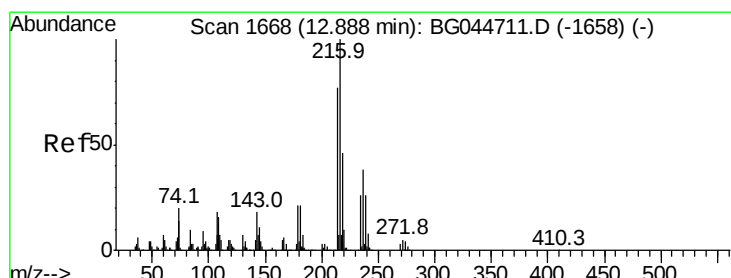
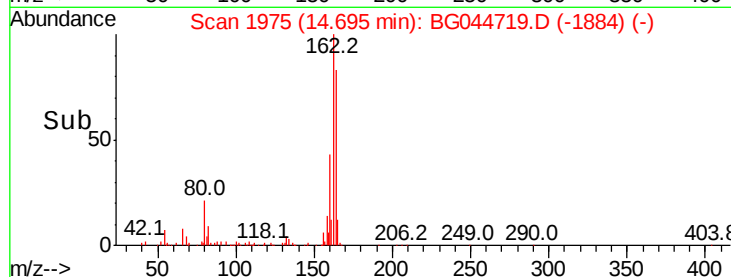
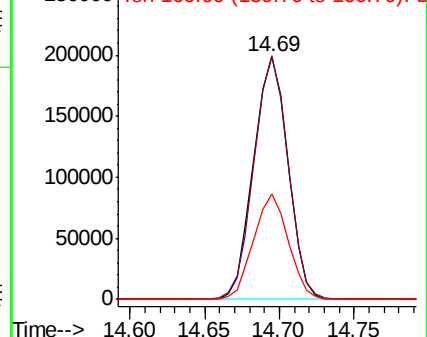


Abundance

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: 37.121 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:216 Resp: 387691

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.8	16.6	24.8
108	20.7	15.6	23.4

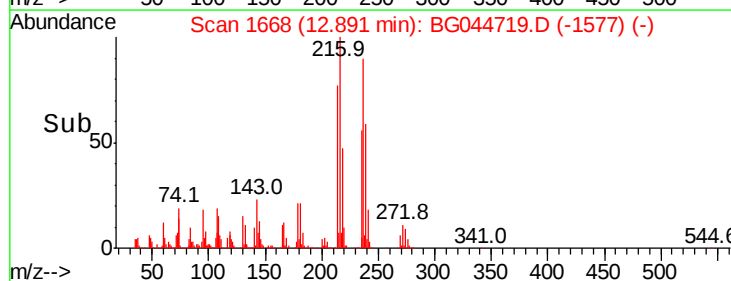
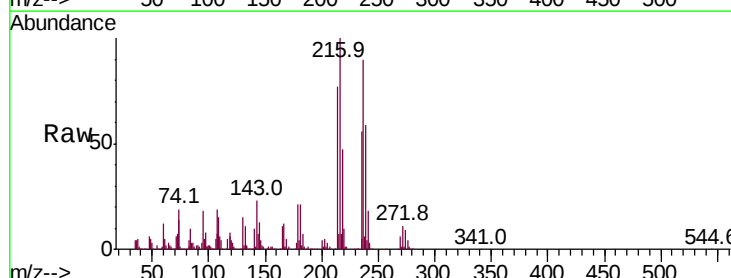
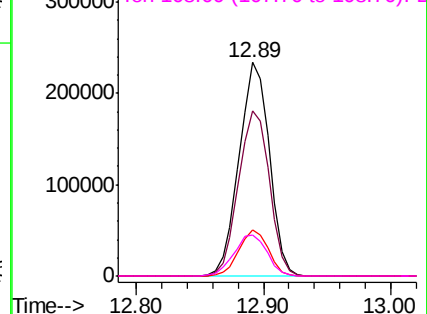
Abundance

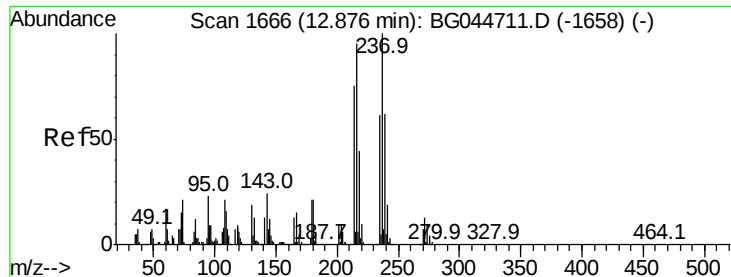
Ion 216.00 (215.70 to 216.70): E

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: 80.759 ng

RT: 12.89 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

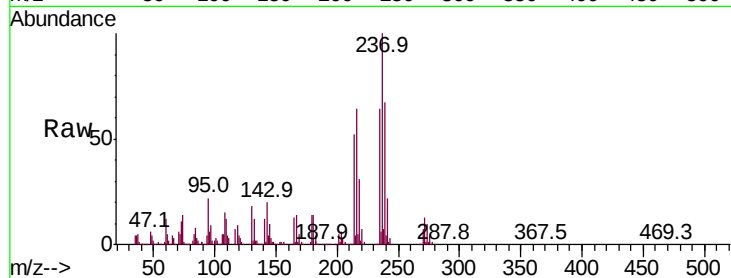
Tot Ion:237 Resp: 460946

Ion Ratio Lower Upper

237 100

235 64.3 40.6 80.6

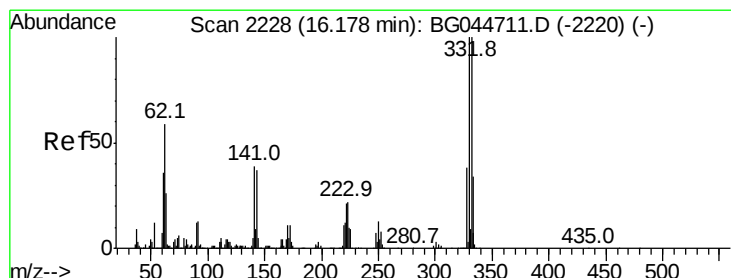
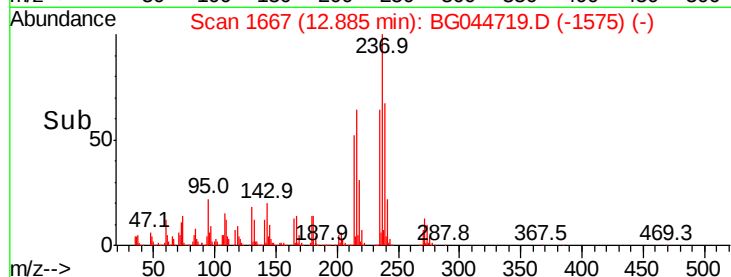
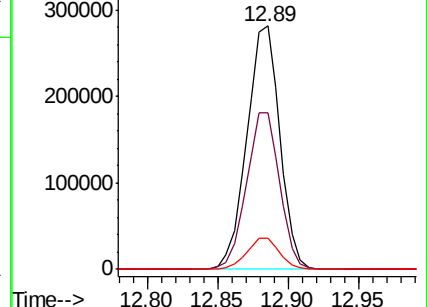
272 12.7 0.0 32.5



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: 110.269 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

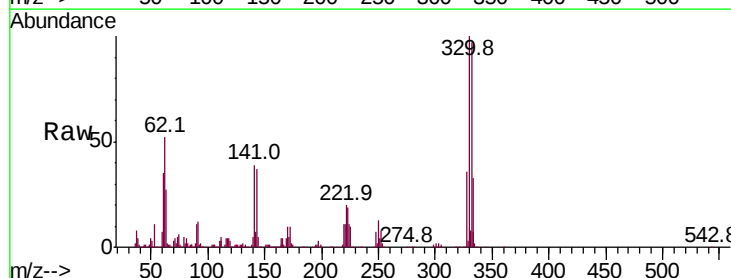
Tgt Ion:330 Resp: 457871

Ion Ratio Lower Upper

330 100

332 97.6 77.5 116.3

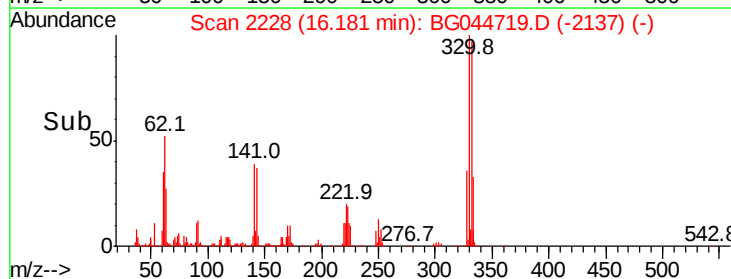
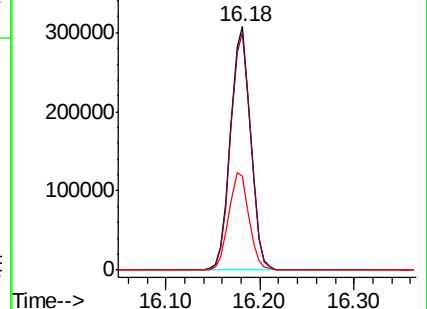
141 40.4 31.7 47.5

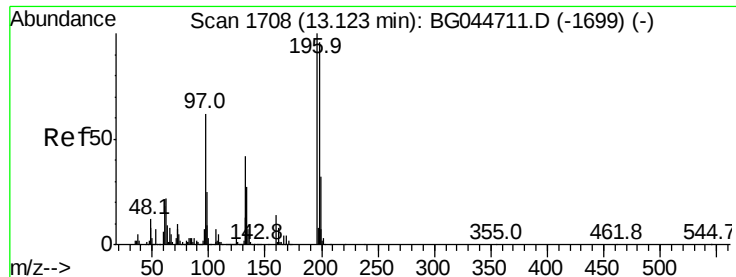


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

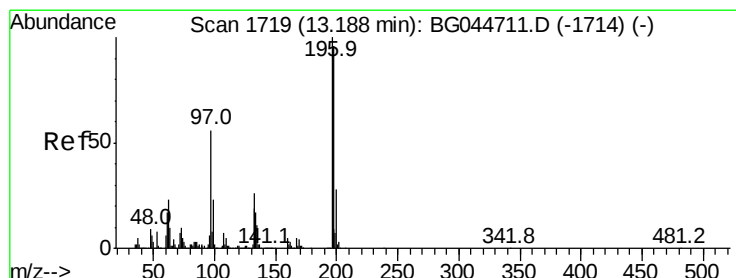
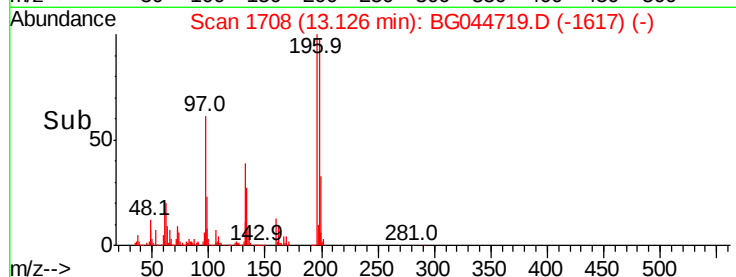
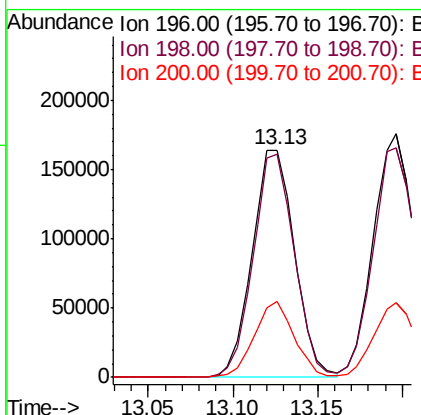
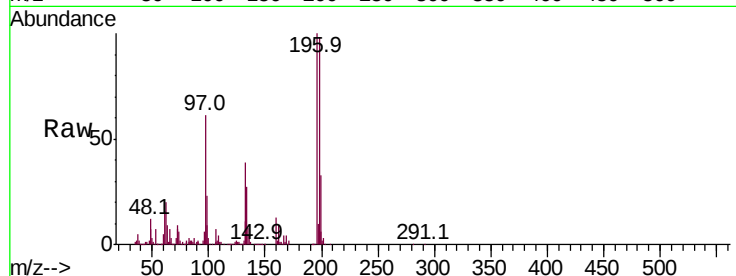




#43
 2,4,6-Trichlorophenol
 Concen: 41.162 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

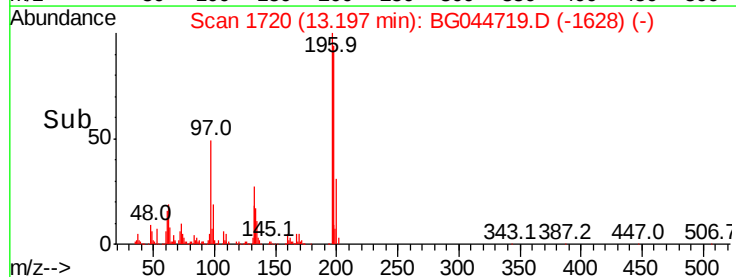
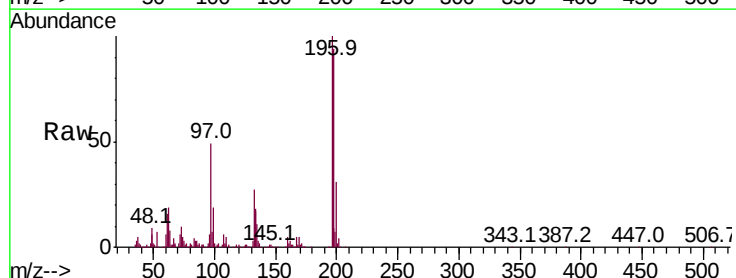
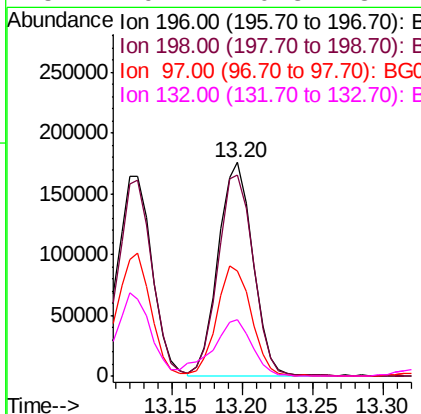
Instrument :
 BNA_G
 ClientSampleId :

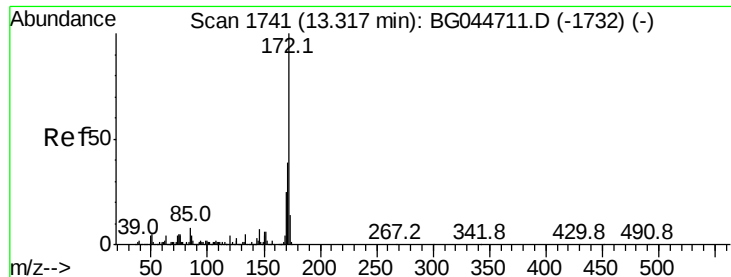
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.5	114.7
200	33.1	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 41.515 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.3	115.9
97	49.2	44.9	67.3
132	26.7	20.8	31.2

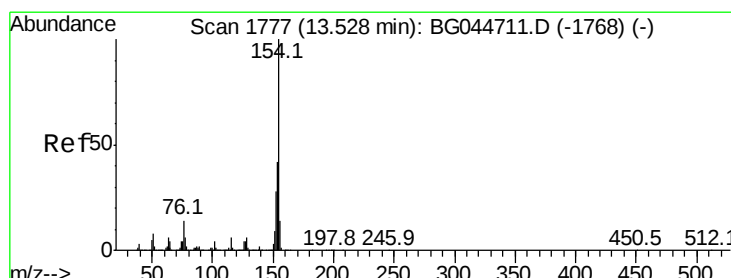
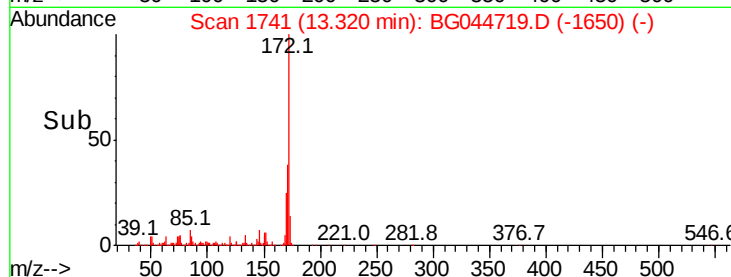
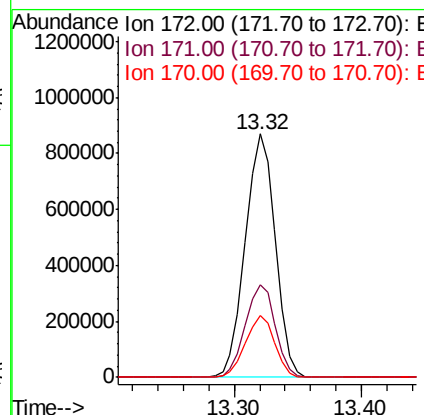
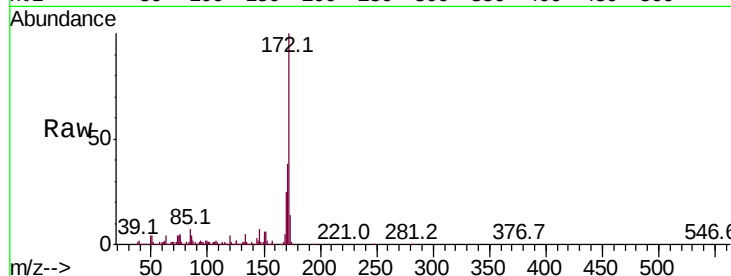




#45
2-Fluorobiphenyl
Concen: 64.556 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

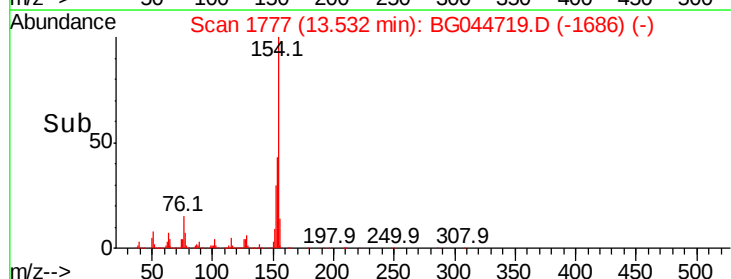
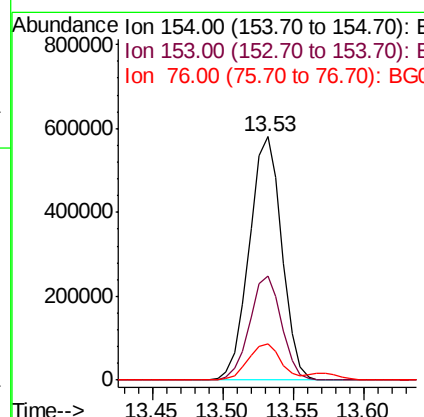
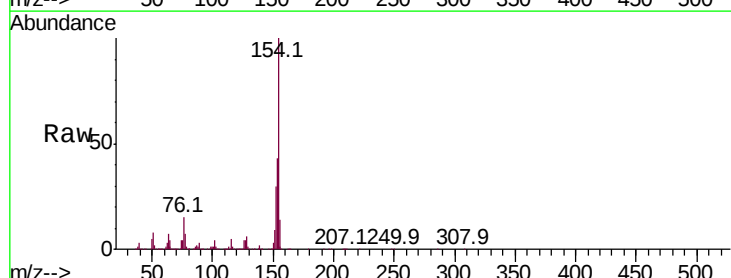
Instrument :
BNA_G
ClientSampled :

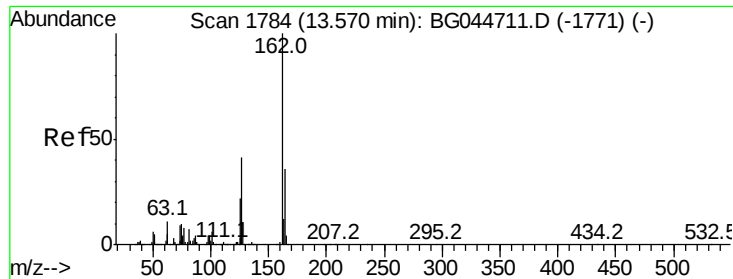
Tot Ion:172 Resp: 1429615
Ion Ratio Lower Upper
172 100
171 38.1 30.8 46.2
170 25.4 20.0 30.0



#46
1,1'-Biphenyl
Concen: 36.990 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion:154 Resp: 937414
Ion Ratio Lower Upper
154 100
153 43.0 22.0 62.0
76 15.0 0.0 34.2

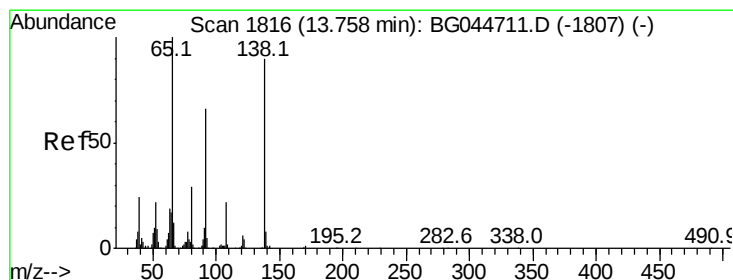
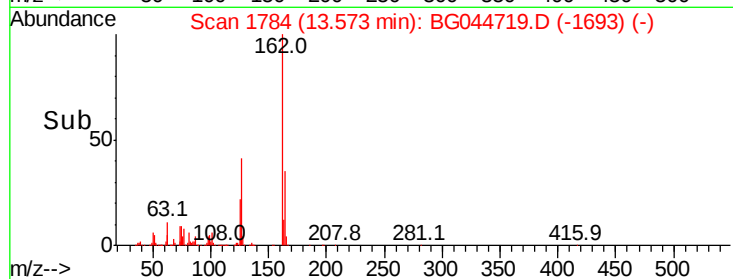
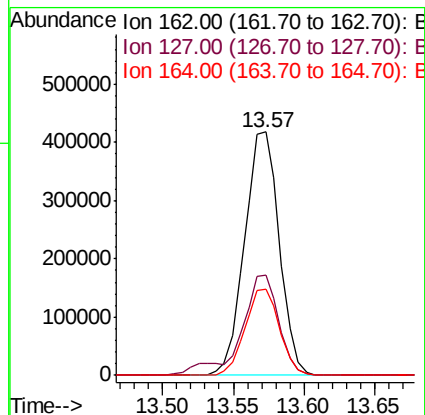
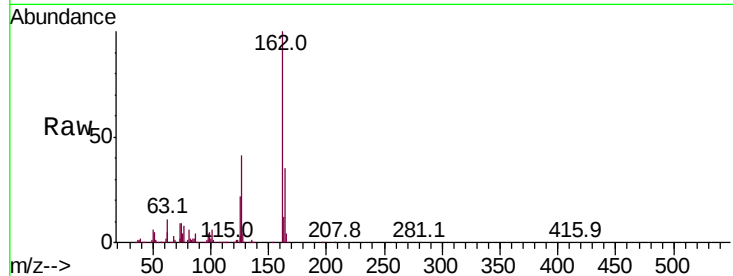




#47
 2-Chloronaphthalene
 Concen: 37.173 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

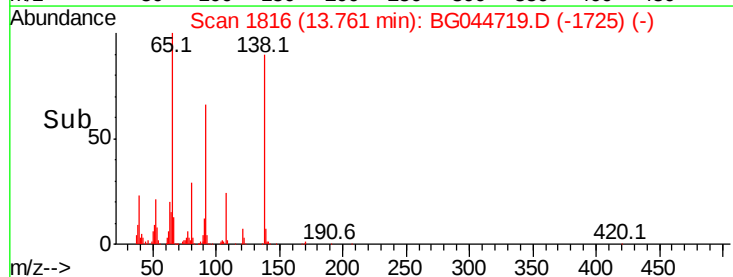
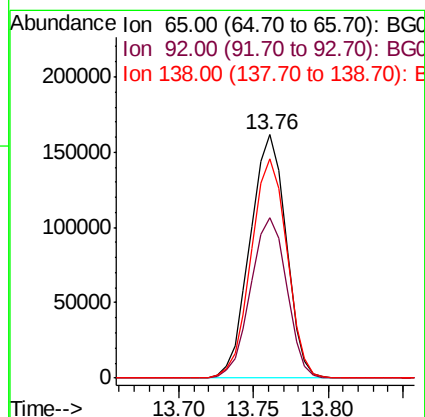
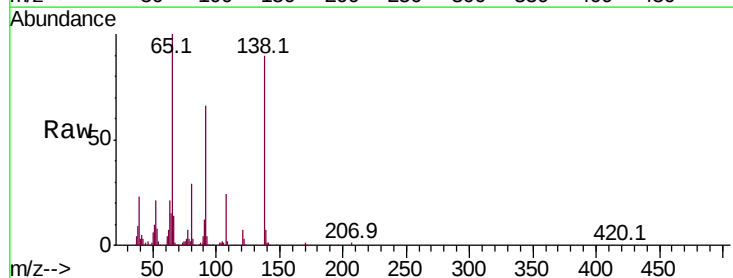
Instrument :
 BNA_G
 ClientSampleId :

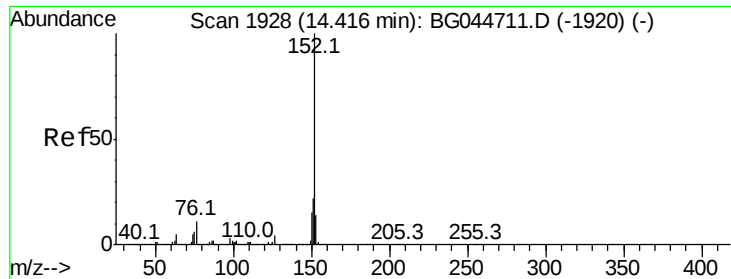
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	35.4	29.0	43.4



#48
 2-Nitroaniline
 Concen: 39.820 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG044719.D
 Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	52.6	79.0
138	90.0	71.8	107.6





#49

Acenaphthylene

Concen: 39.016 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

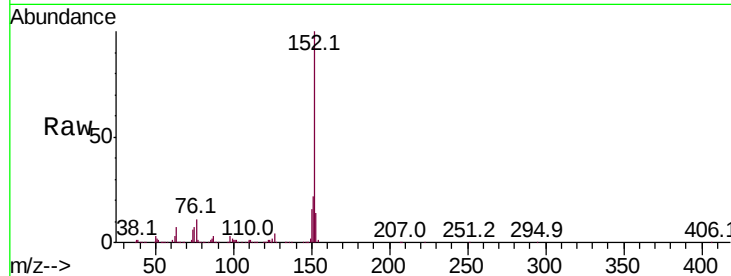
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1183327

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.8	26.8
153	14.4	11.4	17.0

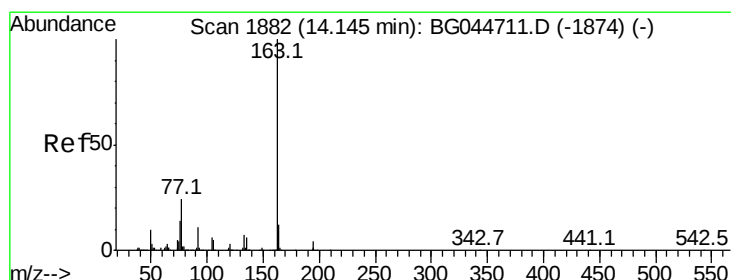
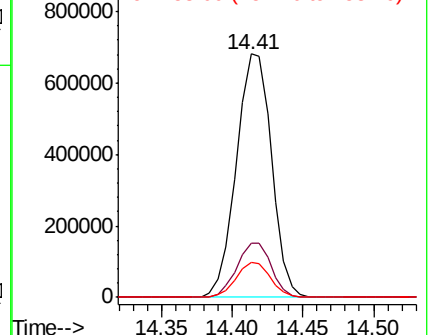
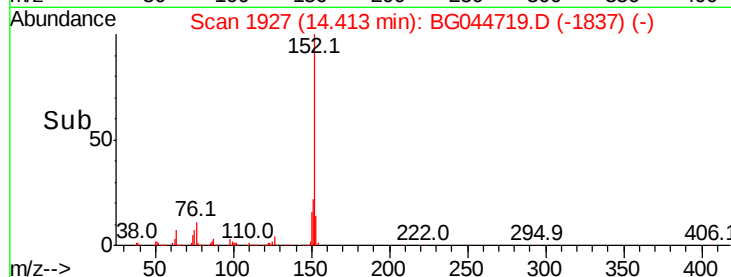


Abundance

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: 38.242 ng

RT: 14.15 min Scan# 1882

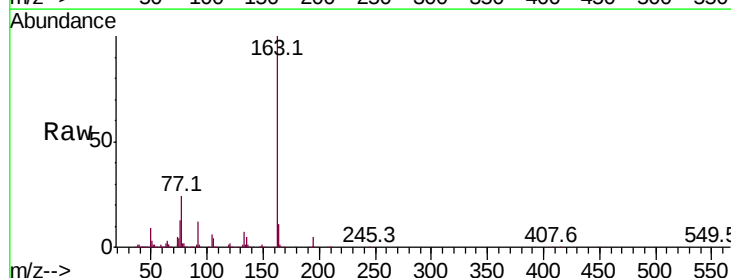
Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:163 Resp: 965900

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	11.1	9.2	13.8

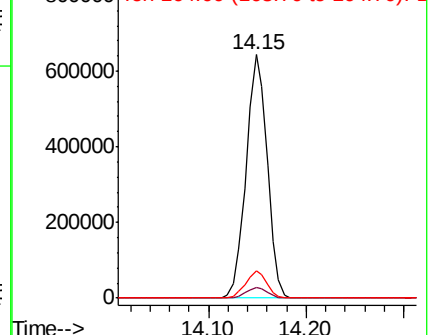
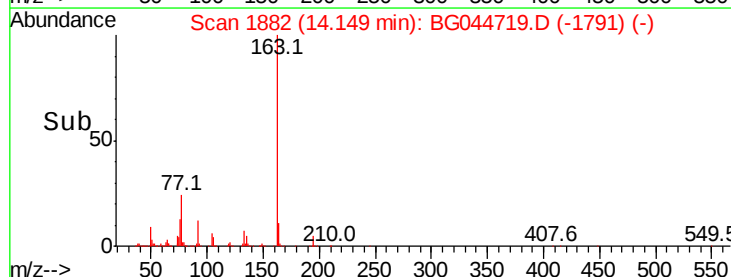


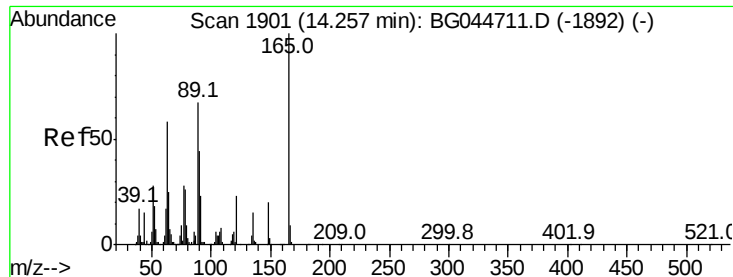
Abundance

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: 42.146 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

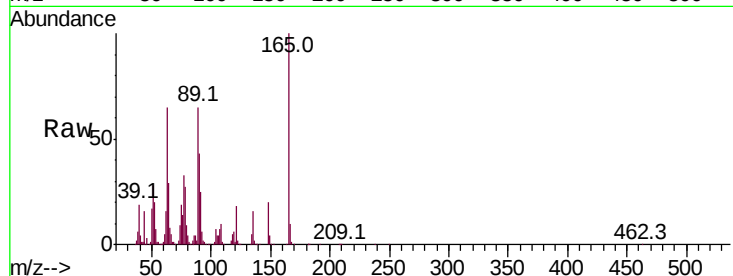
Tot Ion:165 Resp: 214573

Ion Ratio Lower Upper

165 100

63 65.3 48.9 73.3

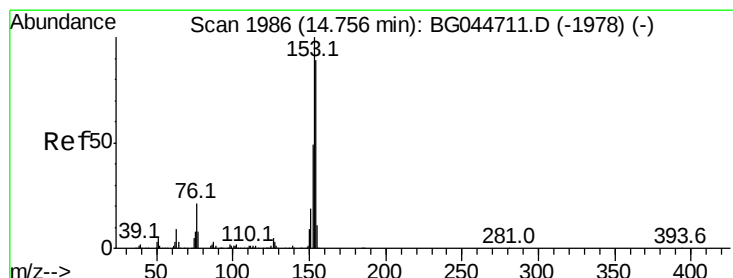
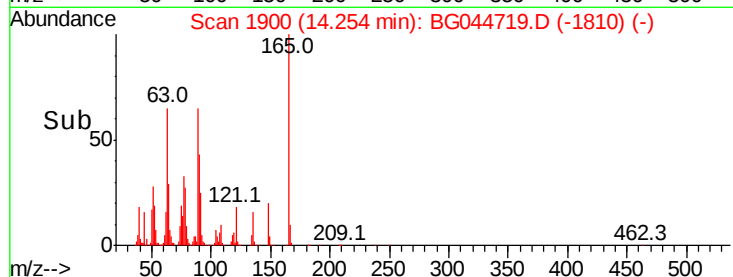
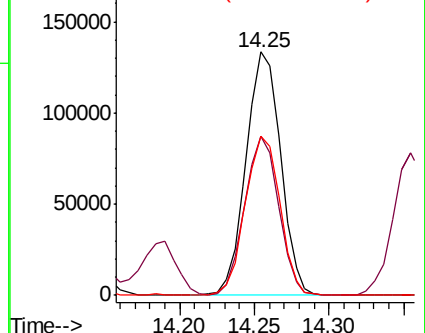
89 65.4 53.8 80.8



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



#52

Acenaphthene

Concen: 42.052 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

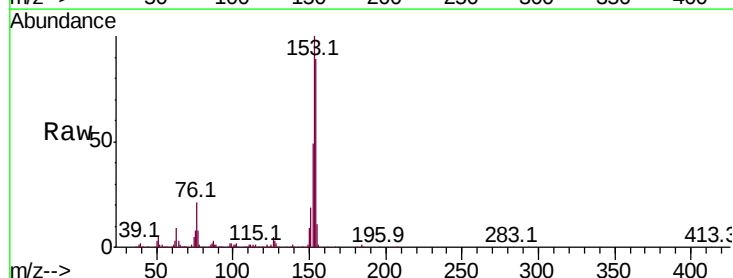
Tgt Ion:154 Resp: 835274

Ion Ratio Lower Upper

154 100

153 112.6 89.8 134.8

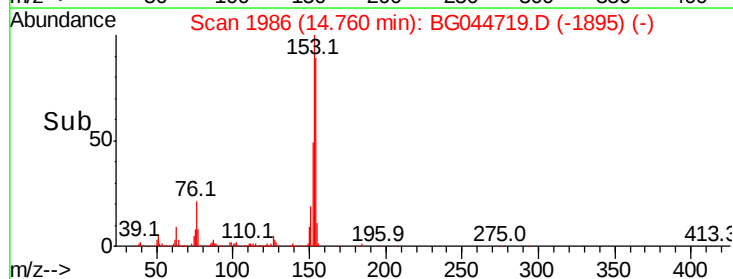
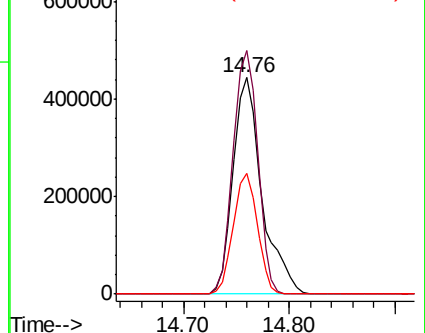
152 55.6 44.4 66.6

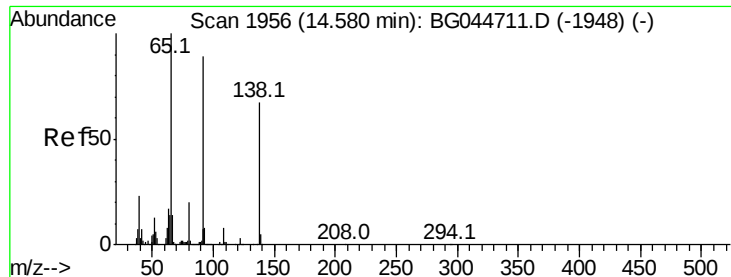


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.867 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

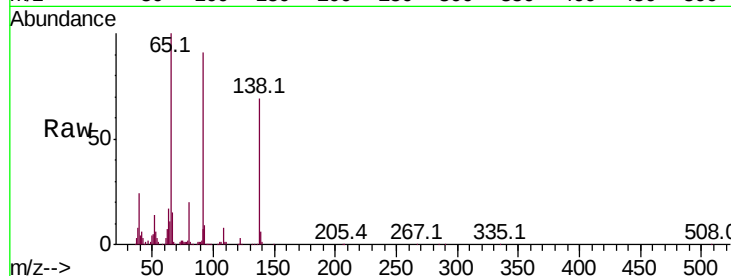
Tot Ion:138 Resp: 163114

Ion Ratio Lower Upper

138 100

108 11.7 9.2 13.8

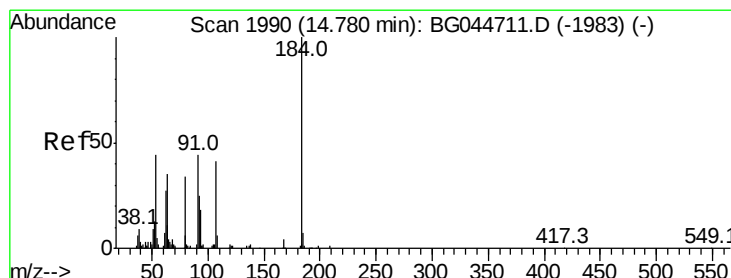
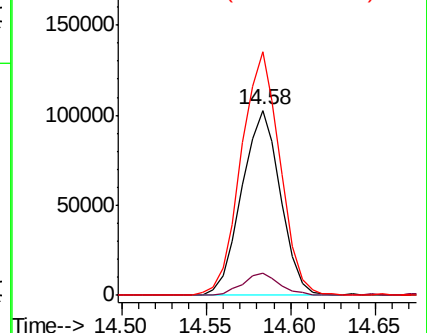
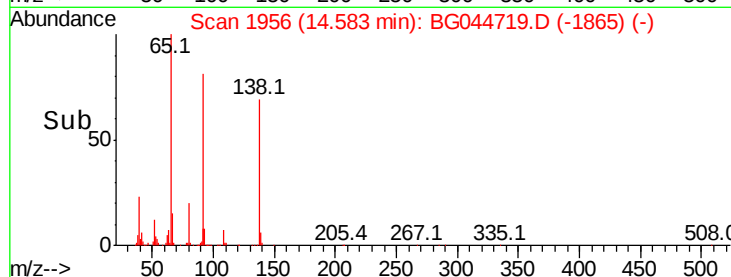
92 131.5 105.6 158.4



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: 79.410 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

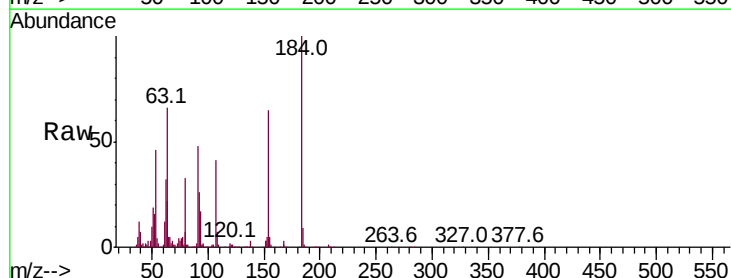
Tgt Ion:184 Resp: 211080

Ion Ratio Lower Upper

184 100

63 66.0 49.0 73.6

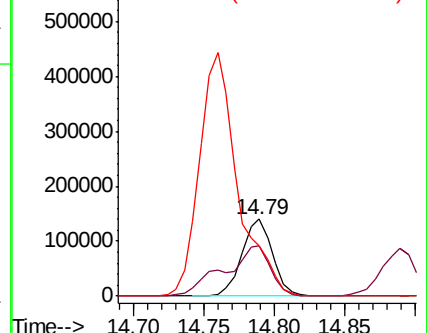
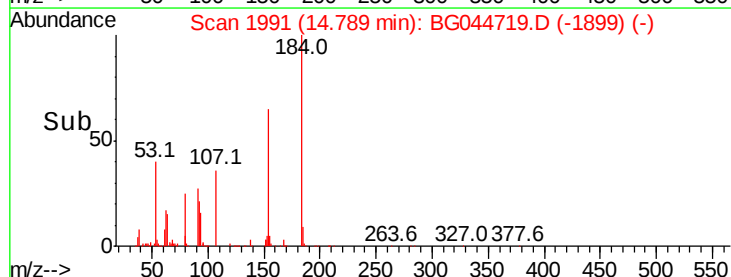
154 65.1 94.5 141.7#

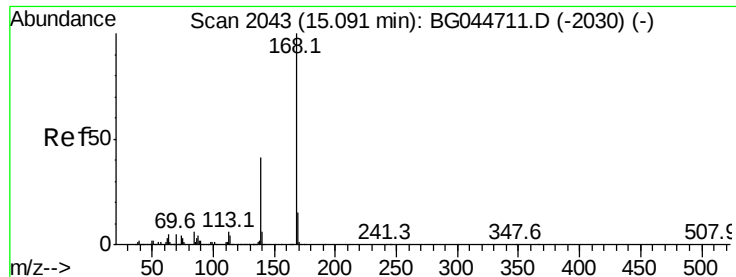


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.134 ng

RT: 15.09 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

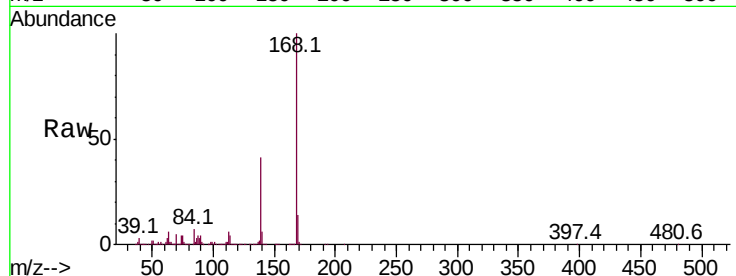
Tot Ion:168 Resp: 1127204

Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.6	49.0
169	14.3	11.8	17.6

168 100

139 40.9 32.6 49.0

169 14.3 11.8 17.6

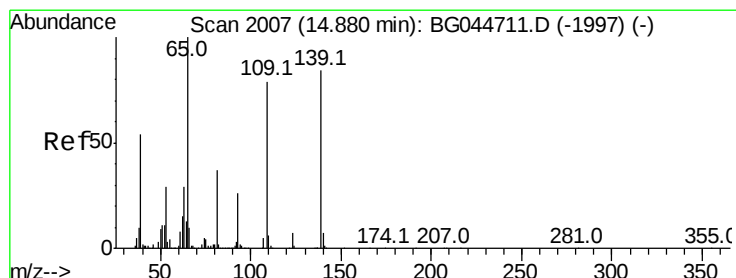
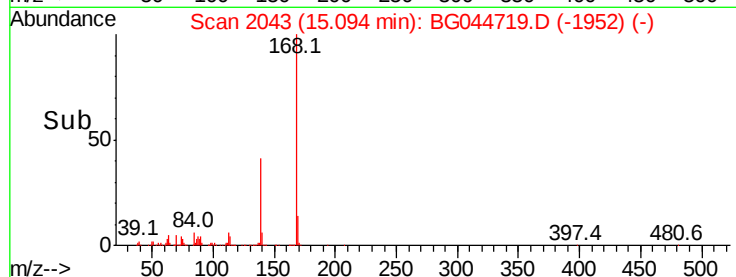
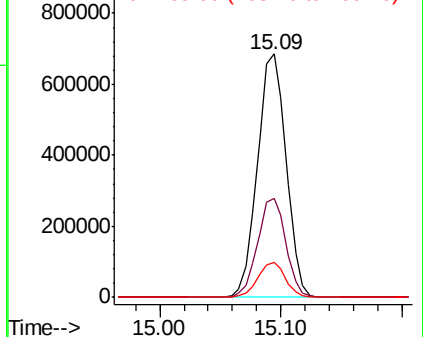


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.706 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

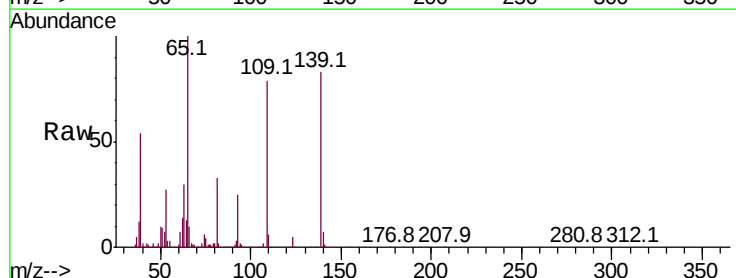
Tgt Ion:139 Resp: 409665

Ion	Ratio	Lower	Upper
139	100		
109	95.7	74.1	114.1
65	121.1	98.6	138.6

139 100

109 95.7 74.1 114.1

65 121.1 98.6 138.6

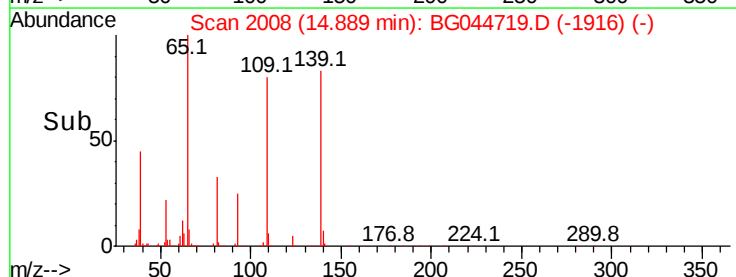
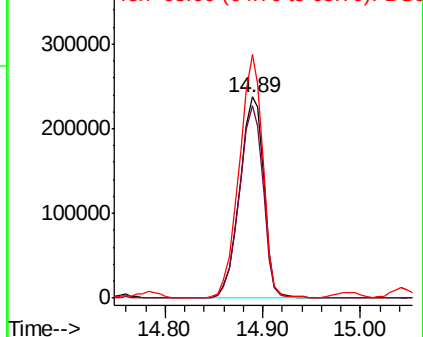


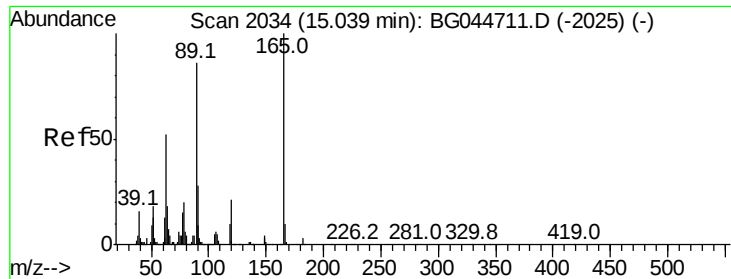
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

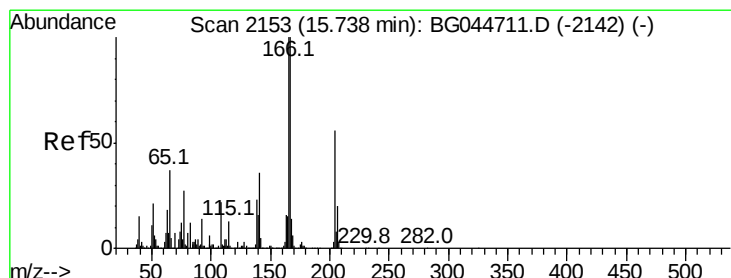
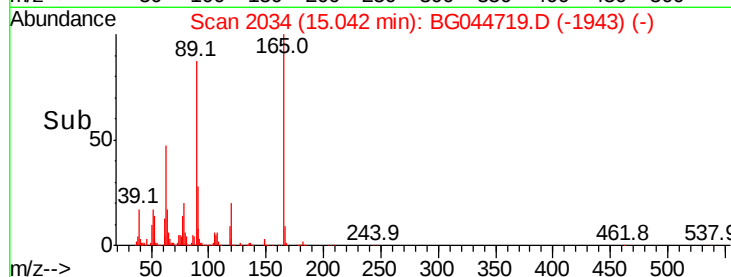
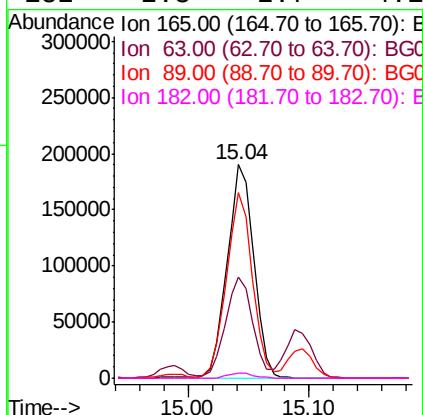
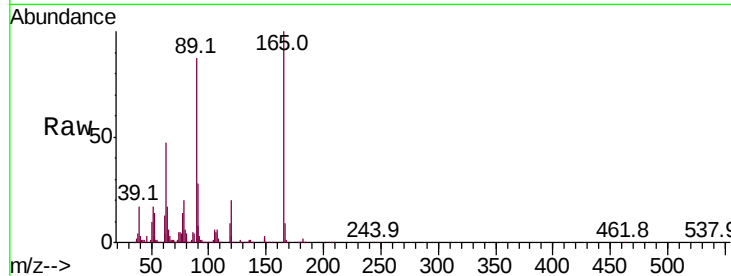




#57
2,4-Dinitrotoluene
Concen: 41.803 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

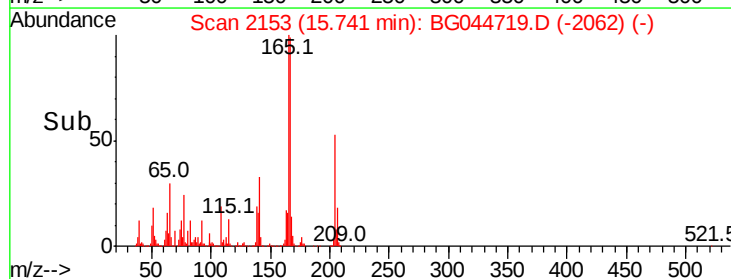
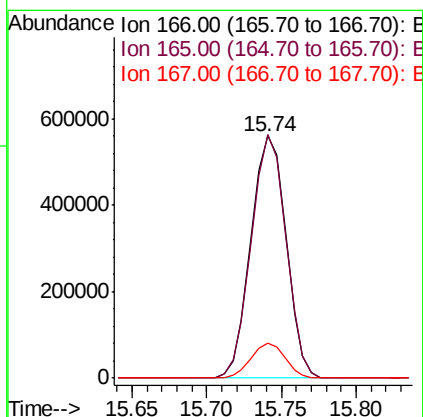
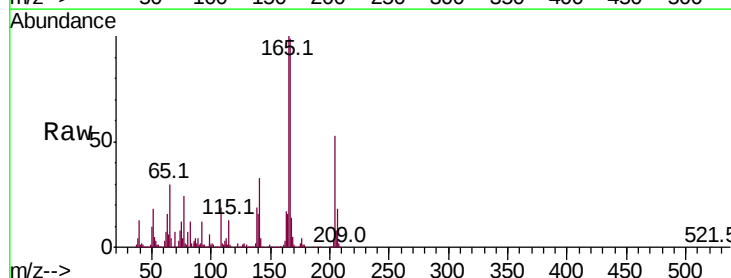
Instrument :
BNA_G
ClientSampleId :

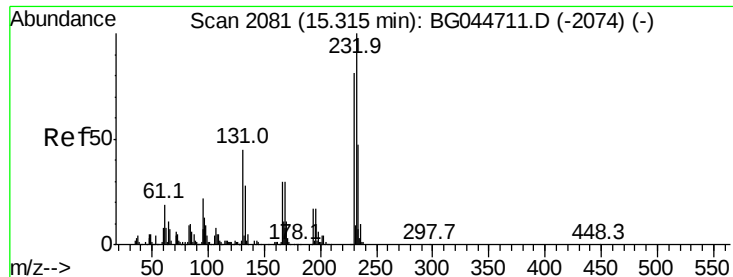
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	41.5	62.3
89	86.8	69.0	103.4
182	2.3	2.7	4.1#



#58
Fluorene
Concen: 38.517 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.6	119.4
167	14.5	11.4	17.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.473 ng

RT: 15.24 min Scan# 2067

Delta R.T. -0.08 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 274457

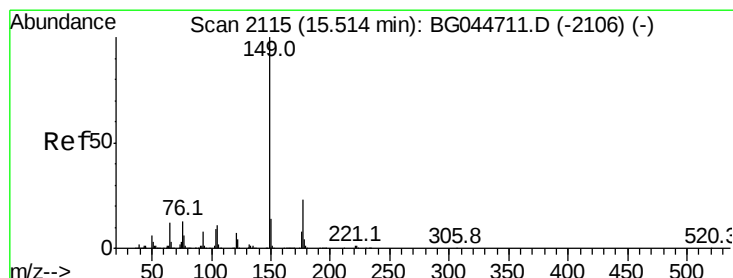
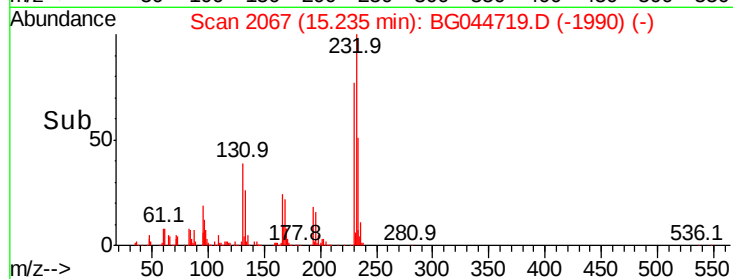
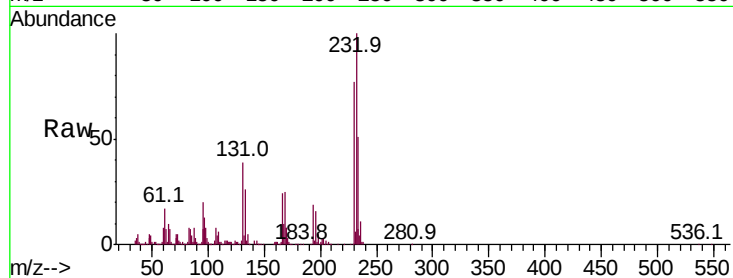
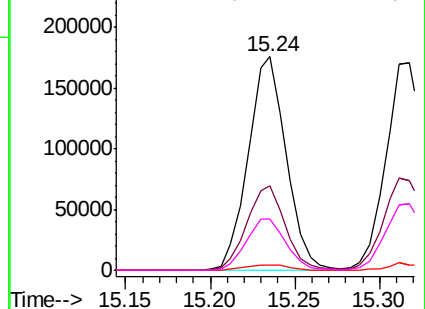
Ion	Ratio	Lower	Upper
232	100		
131	39.9	32.4	48.6
130	2.8	2.0	3.0
166	25.0	20.5	30.7

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.041 ng

RT: 15.52 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

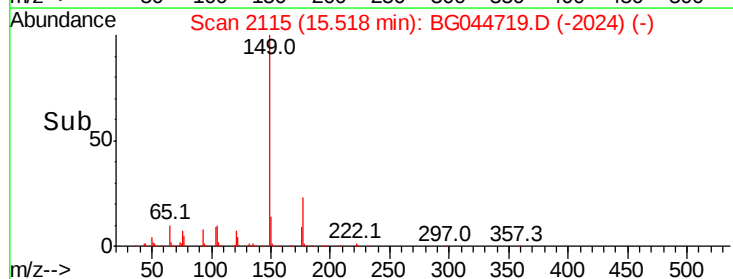
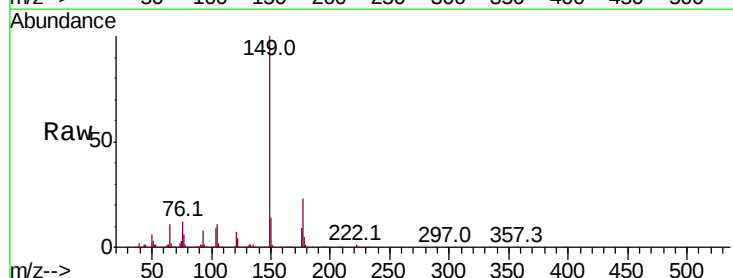
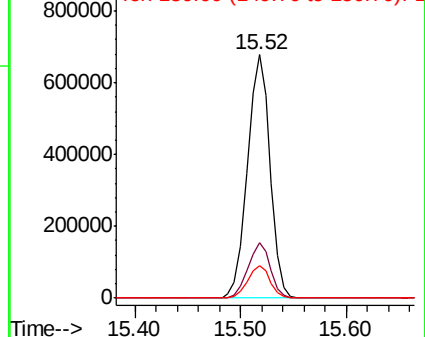
Tgt Ion:149 Resp: 1002144

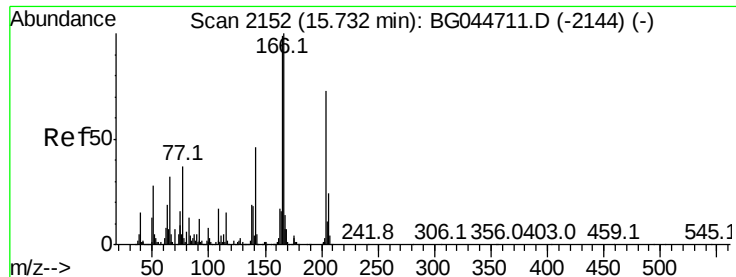
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.8	28.2
150	13.6	11.2	16.8

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 38.358 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

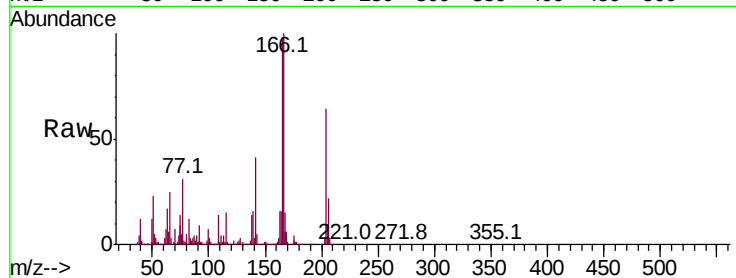
Tot Ion:204 Resp: 489391

Ion Ratio Lower Upper

204 100

206 34.0 25.8 38.6

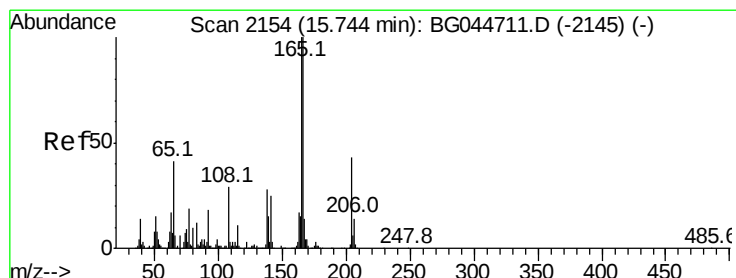
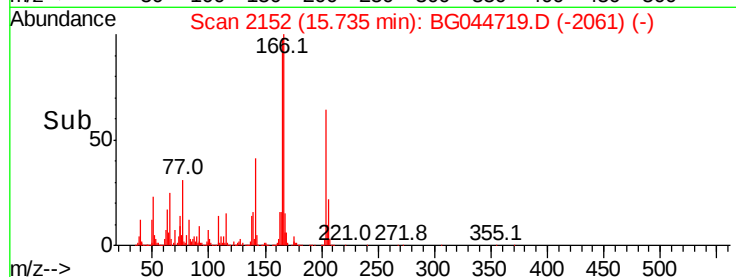
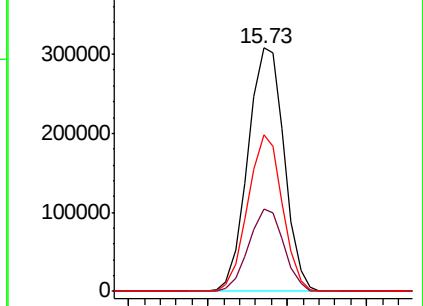
141 64.4 50.8 76.2



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: 35.836 ng

RT: 15.75 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

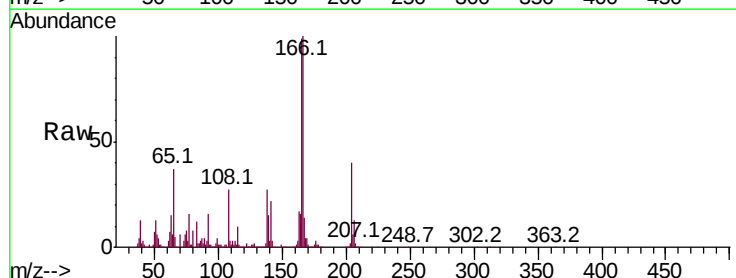
Tgt Ion:138 Resp: 223670

Ion Ratio Lower Upper

138 100

92 58.7 42.1 82.1

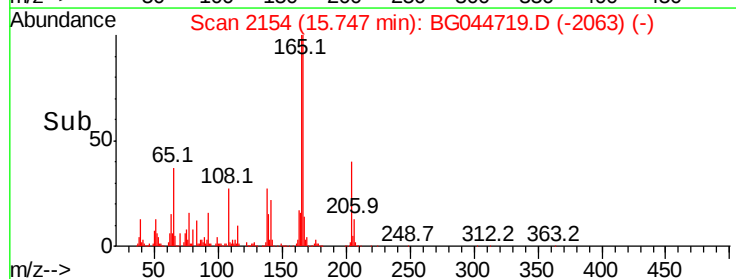
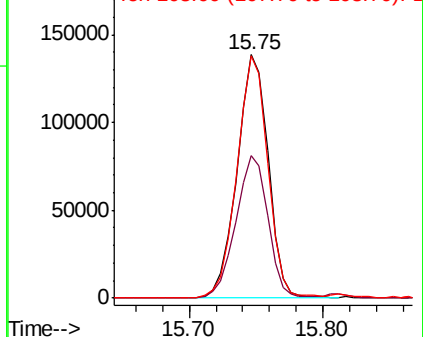
108 99.5 81.2 121.2

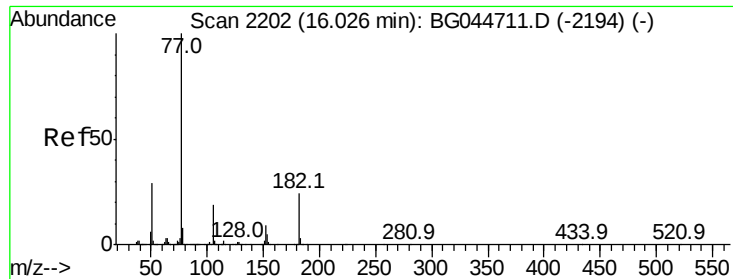


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



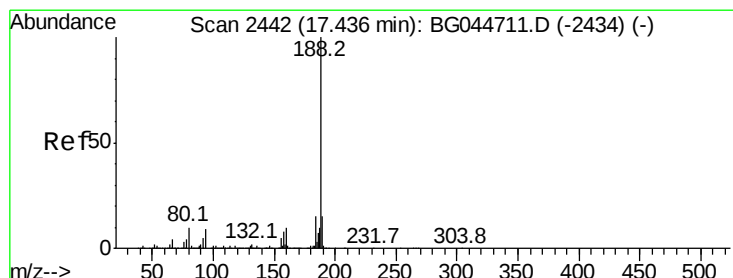
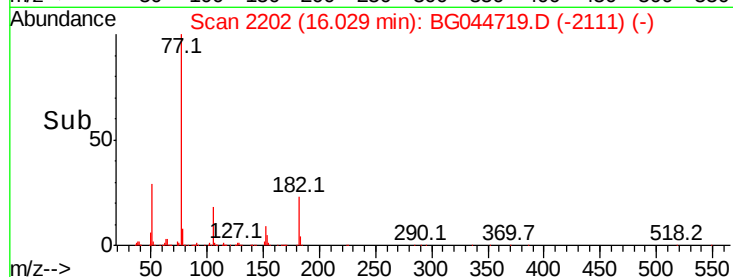
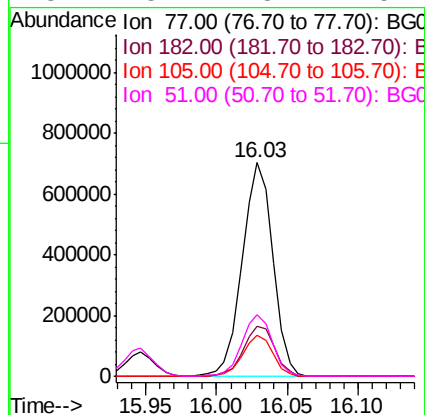
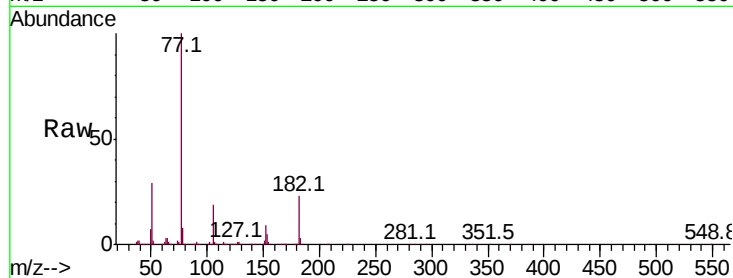


#63
Azobenzene
Concen: 38.850 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1062818

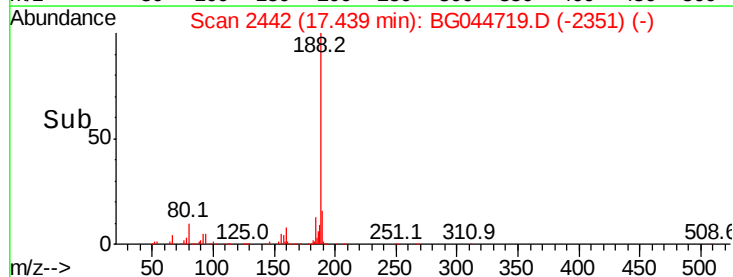
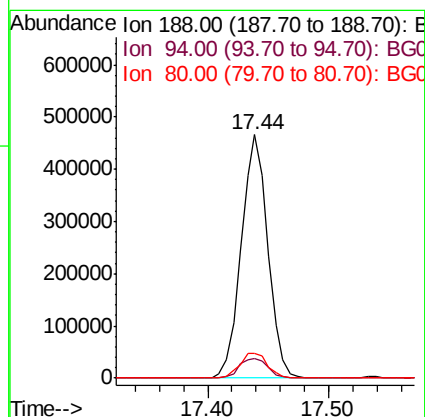
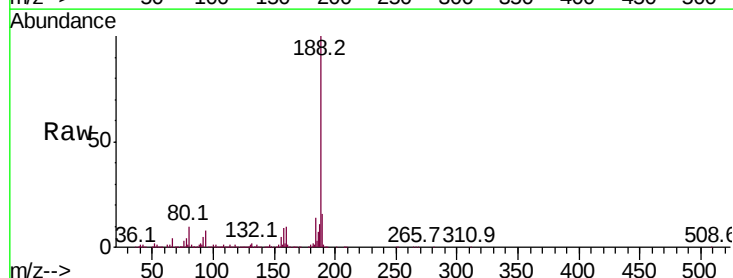
Ion	Ratio	Lower	Upper
77	100		
182	23.3	3.6	43.6
105	19.1	0.0	39.3
51	28.7	8.7	48.7

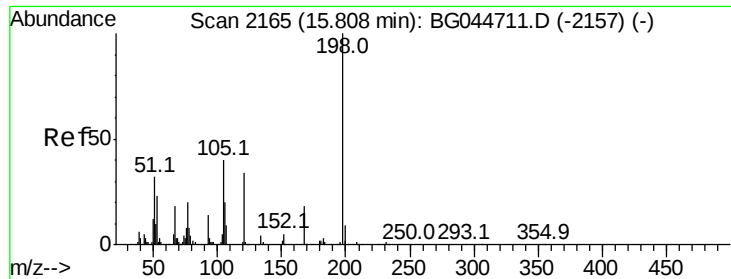


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion: 188 Resp: 713218

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.6
80	10.1	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 45.252 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampled :

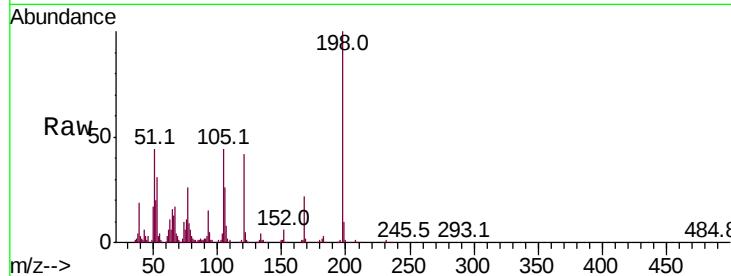
Tot Ion:198 Resp: 150109

Ion Ratio Lower Upper

198 100

51 43.8 20.1 60.1

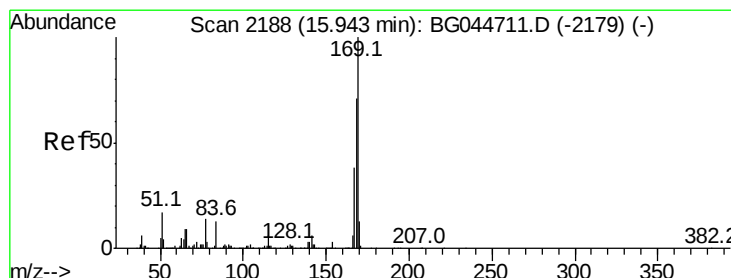
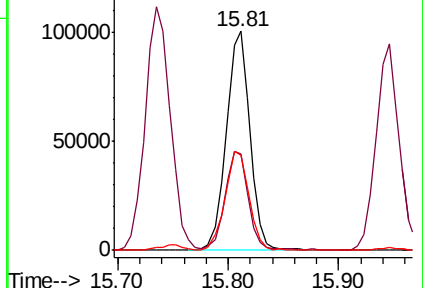
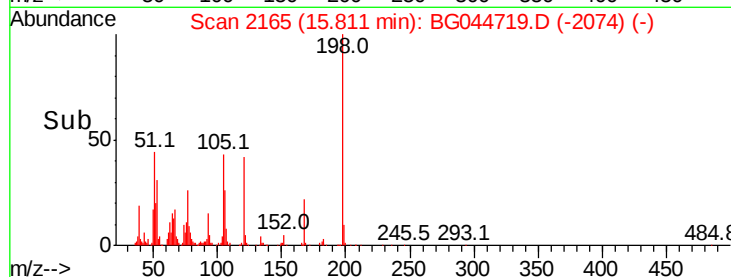
105 43.5 21.3 61.3



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: 39.002 ng

RT: 15.95 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

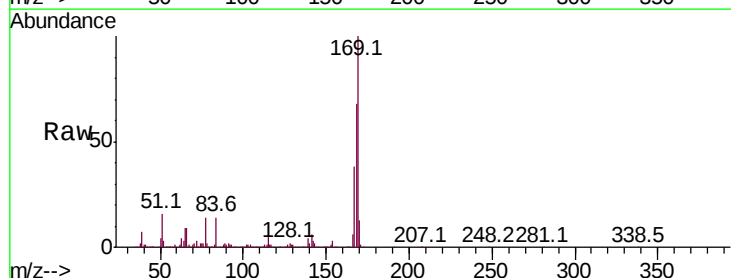
Tgt Ion:169 Resp: 837491

Ion Ratio Lower Upper

169 100

168 68.5 56.6 85.0

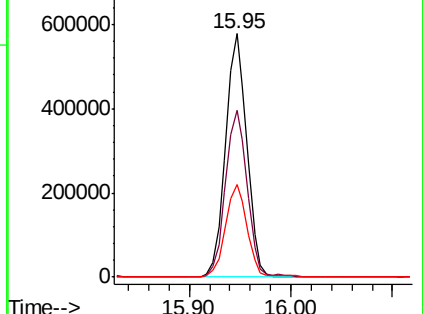
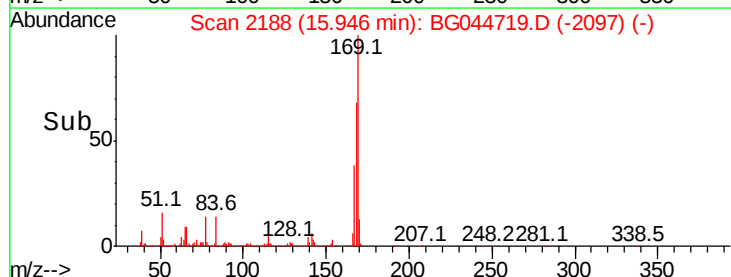
167 37.9 30.1 45.1

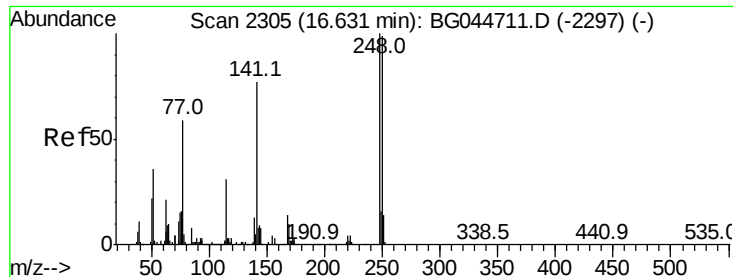


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

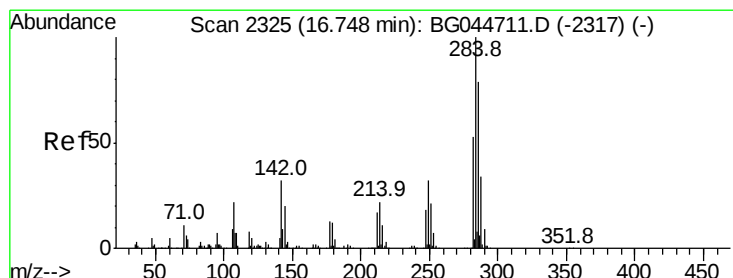
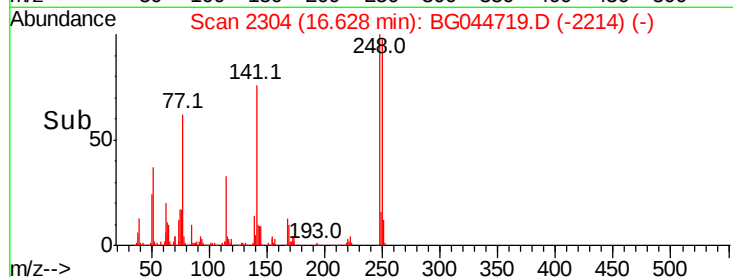
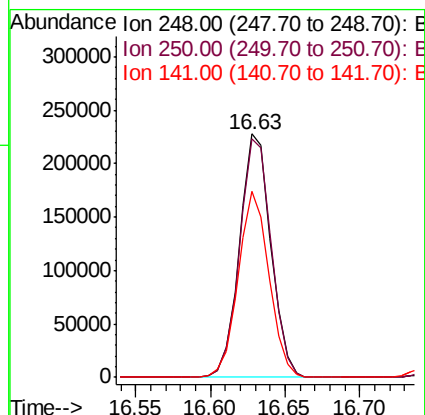
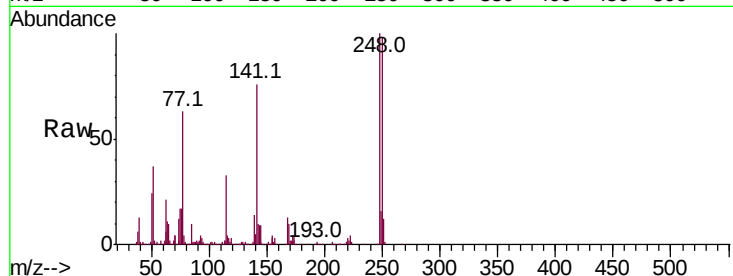




#67
4-Bromophenyl-phenylether
Concen: 37.063 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

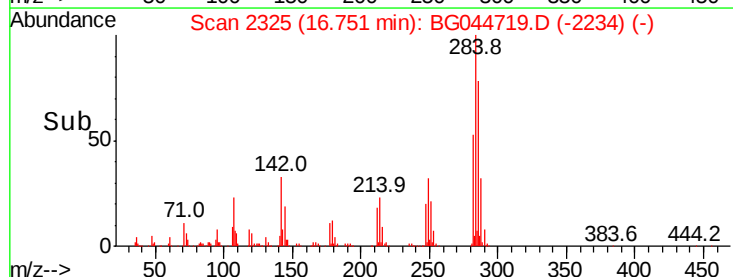
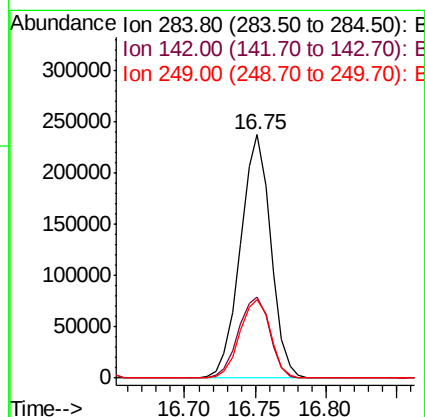
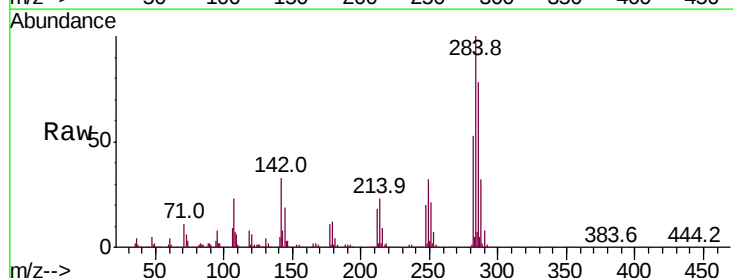
Instrument :
BNA_G
ClientSampleId :

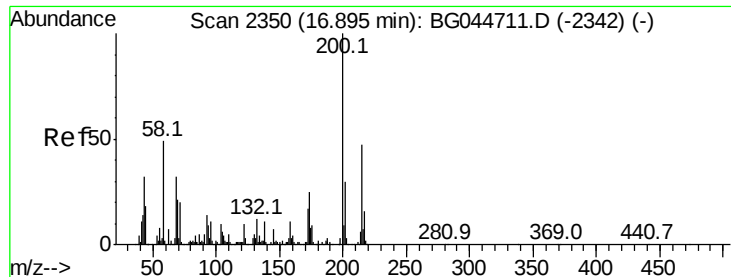
Tot Ion:248 Resp: 330464
Ion Ratio Lower Upper
248 100
250 97.8 79.4 119.0
141 76.3 61.7 92.5



#68
Hexachlorobenzene
Concen: 36.856 ng
RT: 16.75 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG044719.D
Acq: 11 Mar 2020 13:58

Tgt Ion:284 Resp: 356510
Ion Ratio Lower Upper
284 100
142 33.4 25.6 38.4
249 32.4 25.8 38.6





#69

Atrazine

Concen: 45.053 ng

RT: 16.90 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

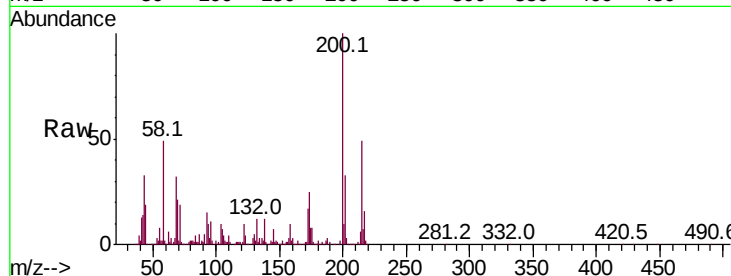
Tot Ion:200 Resp: 354439

Ion Ratio Lower Upper

200 100

173 25.3 4.8 44.8

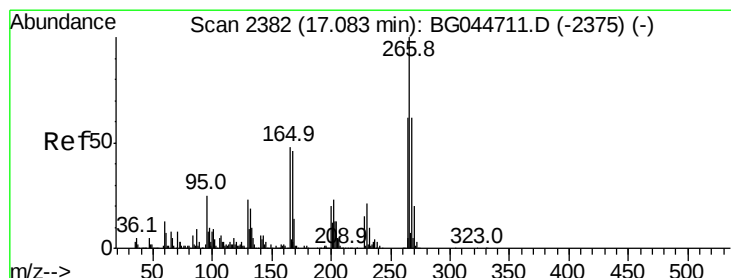
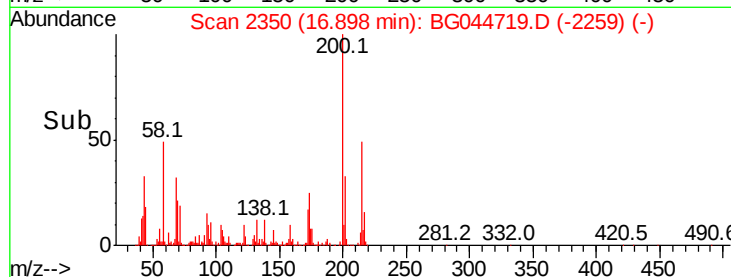
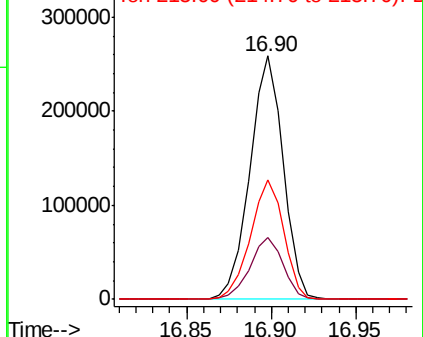
215 49.2 27.4 67.4



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: 84.294 ng

RT: 17.09 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

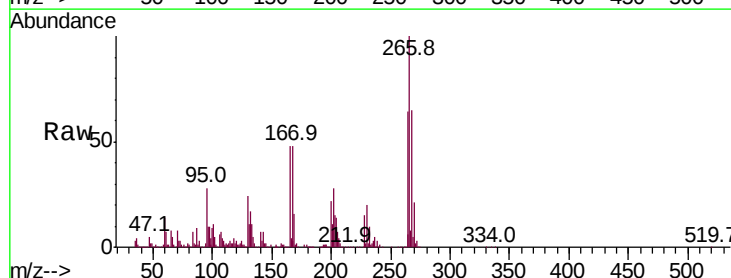
Tgt Ion:266 Resp: 448637

Ion Ratio Lower Upper

266 100

268 64.8 49.9 74.9

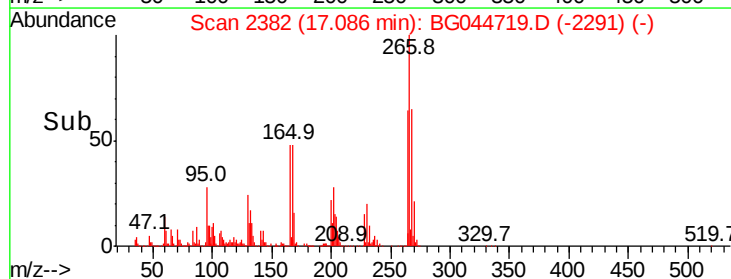
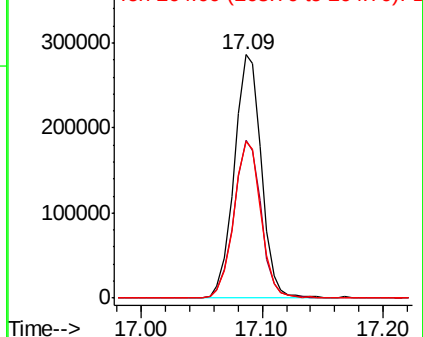
264 64.4 49.9 74.9

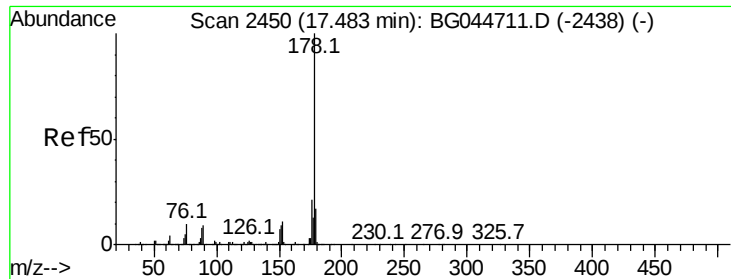


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.707 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

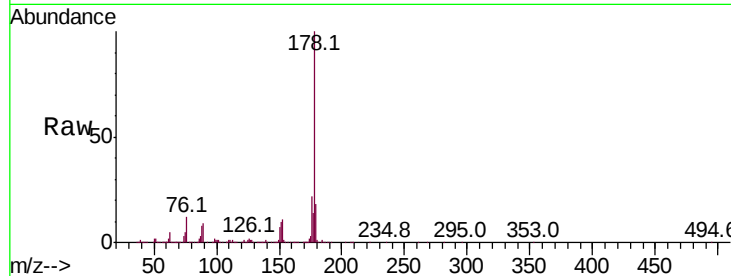
Tot Ion:178 Resp: 1475233

Ion Ratio Lower Upper

178 100

176 22.0 17.0 25.6

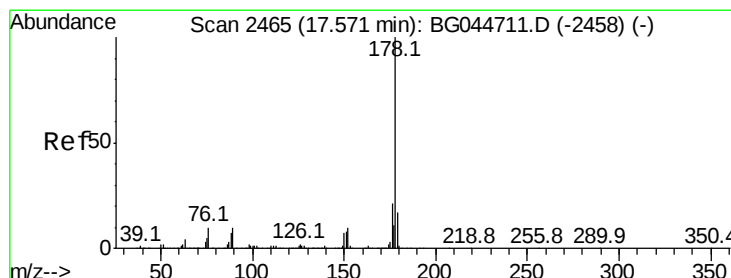
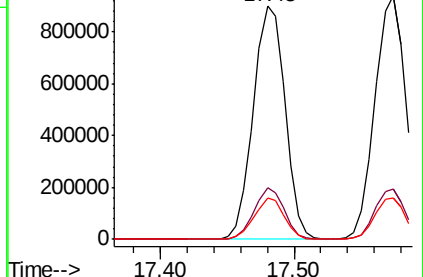
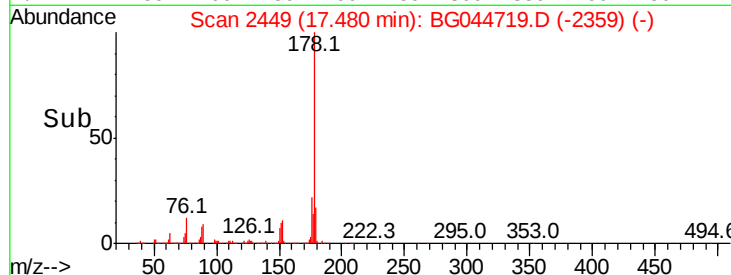
179 17.5 13.7 20.5



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: 39.929 ng

RT: 17.57 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

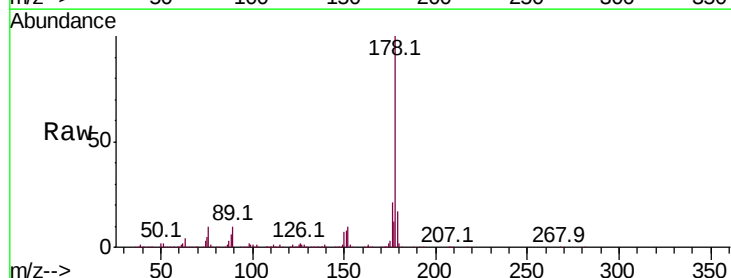
Tgt Ion:178 Resp: 1500601

Ion Ratio Lower Upper

178 100

176 20.9 17.0 25.6

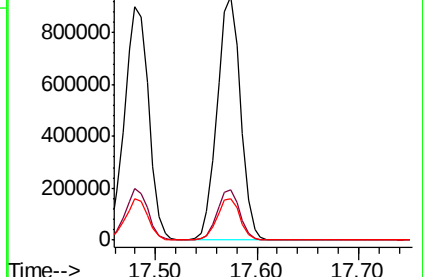
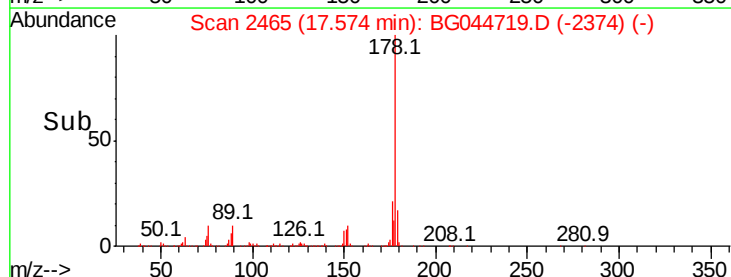
179 17.0 13.8 20.8

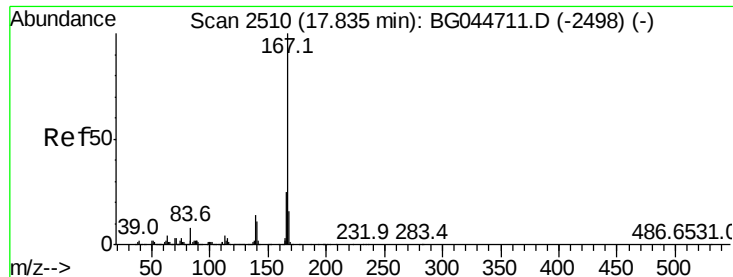


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.975 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

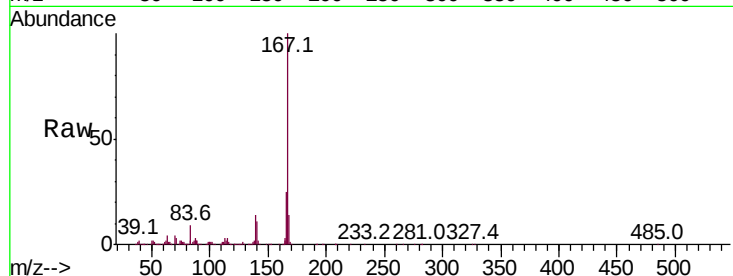
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 1443100

Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.6	29.4
139	14.3	11.4	17.2

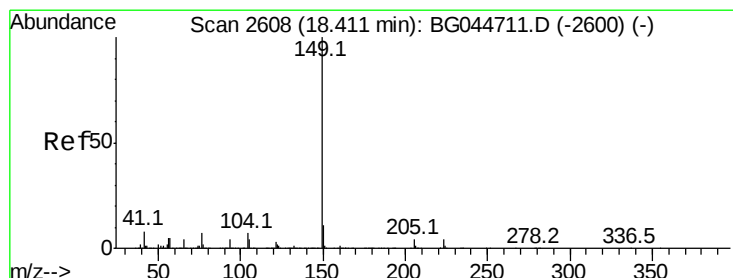
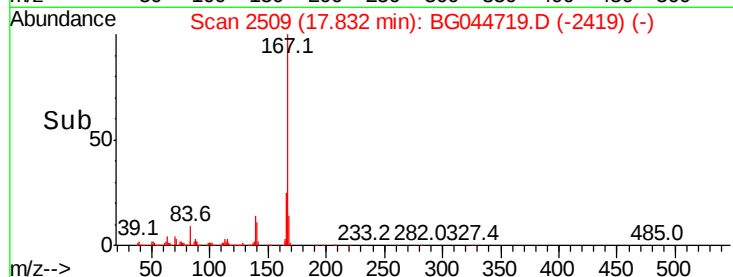
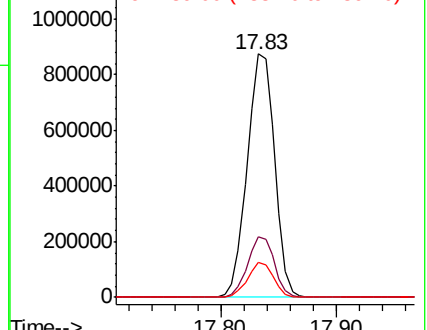


Abundance

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: 39.341 ng

RT: 18.41 min Scan# 2607

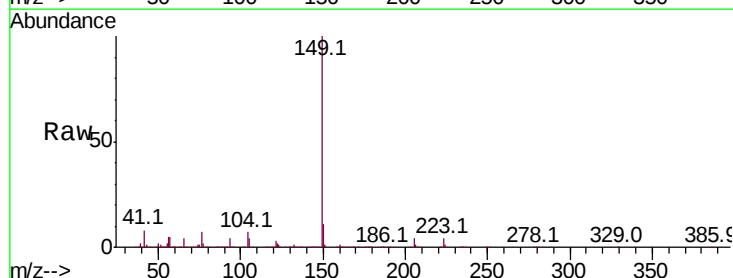
Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:149 Resp: 1726411

Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.4	12.6
104	6.9	5.6	8.4

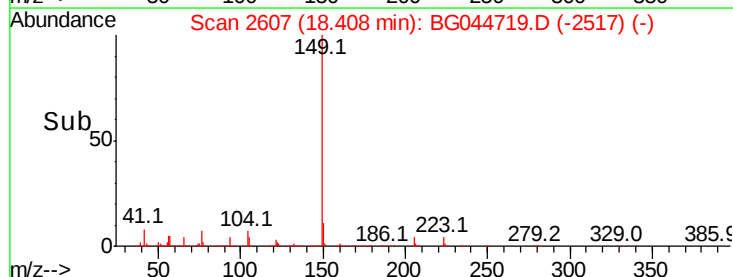
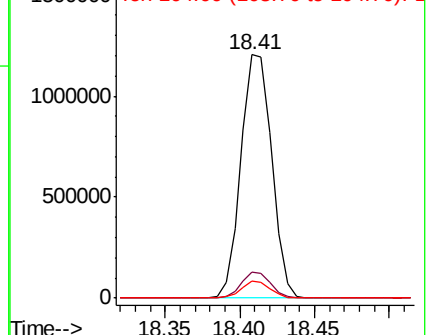


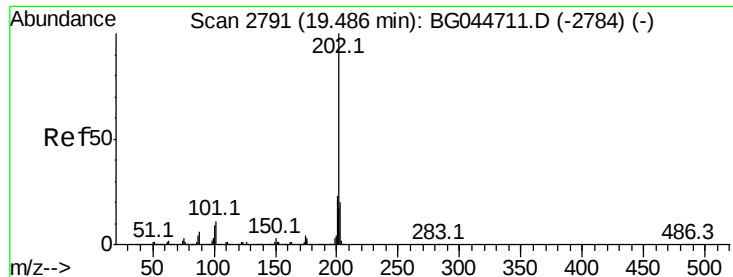
Abundance

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: 40.430 ng

RT: 19.49 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

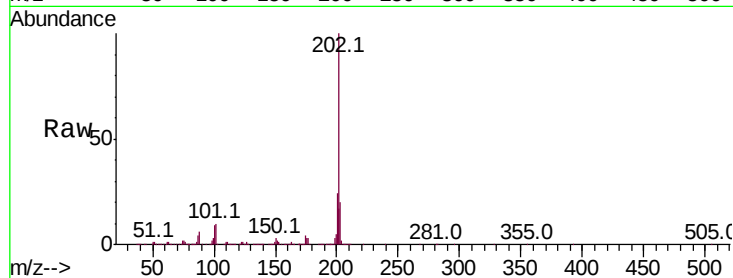
Tot Ion:202 Resp: 1834734

Ion Ratio Lower Upper

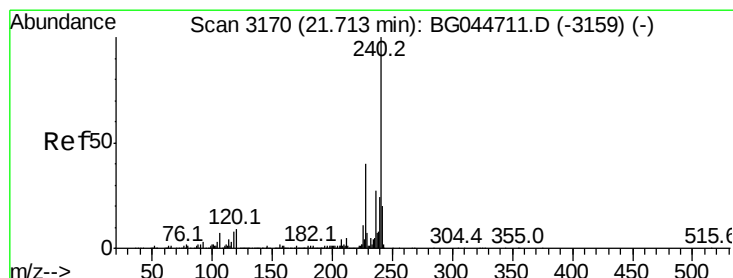
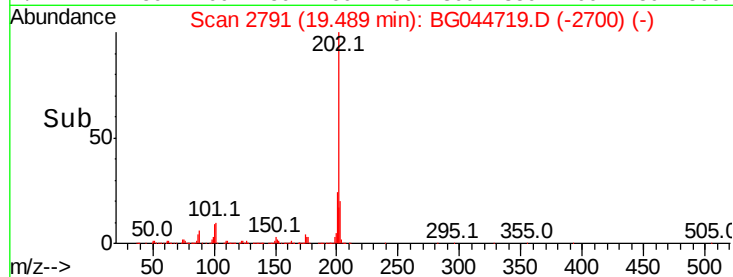
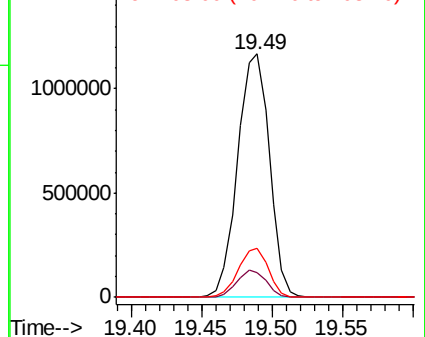
202 100

101 10.3 0.0 31.3

203 20.1 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. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

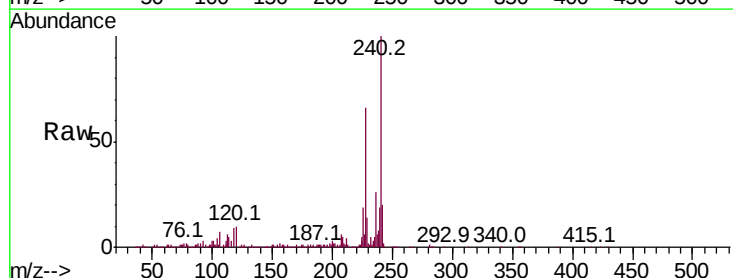
Tgt Ion:240 Resp: 635516

Ion Ratio Lower Upper

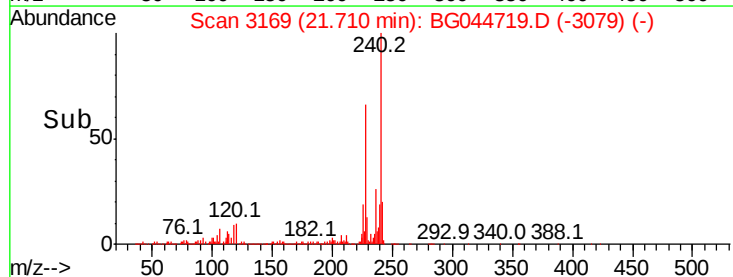
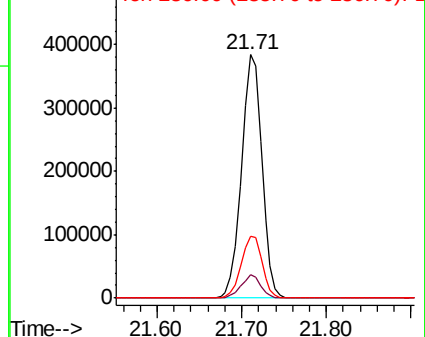
240 100

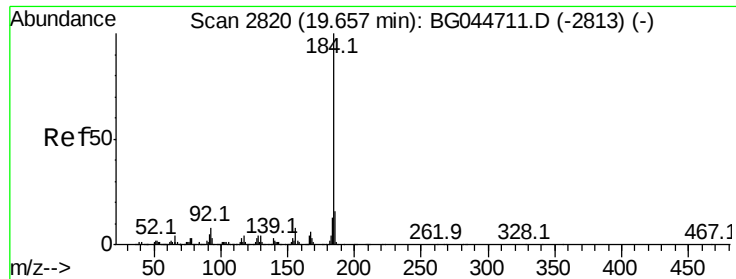
120 9.6 6.9 10.3

236 25.7 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: 27.816 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

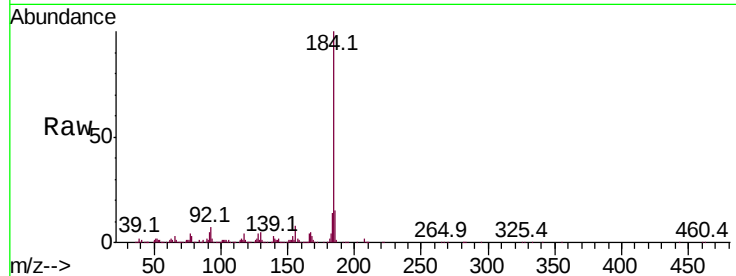
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 573875

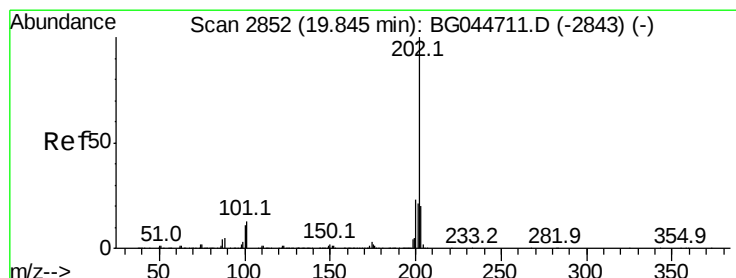
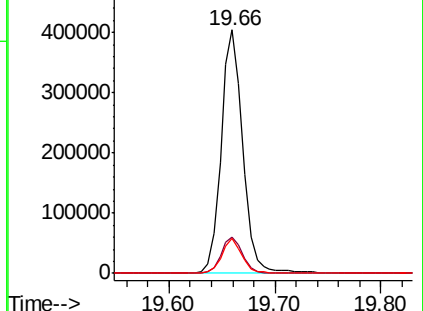
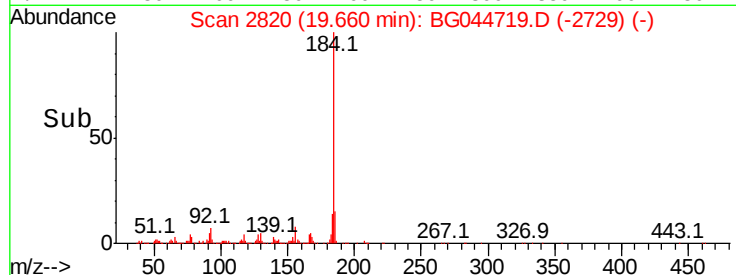
Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.9	19.3
183	14.4	10.6	15.8



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: 39.258 ng

RT: 19.85 min Scan# 2852

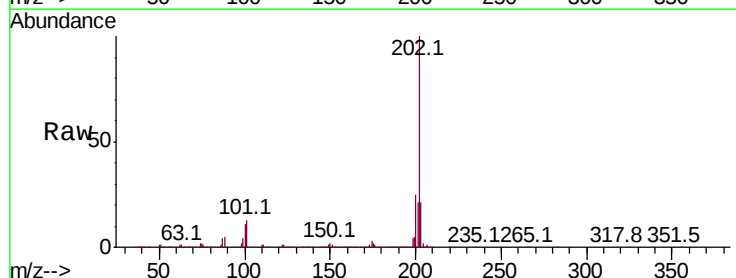
Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:202 Resp: 1830454

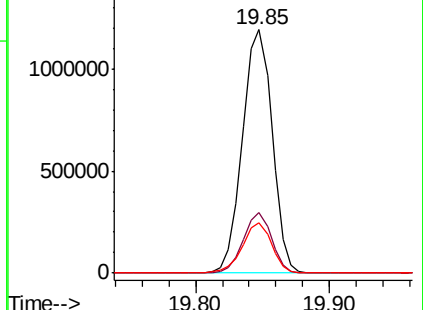
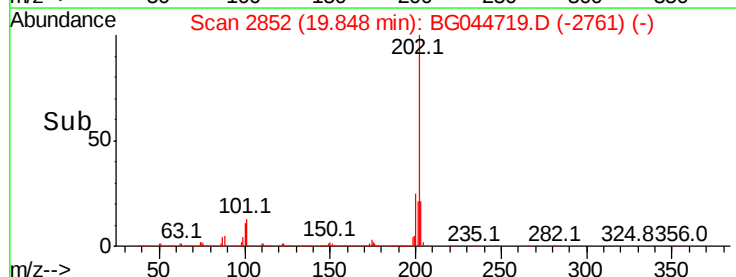
Ion	Ratio	Lower	Upper
202	100		
200	25.0	18.7	28.1
203	20.8	16.0	24.0

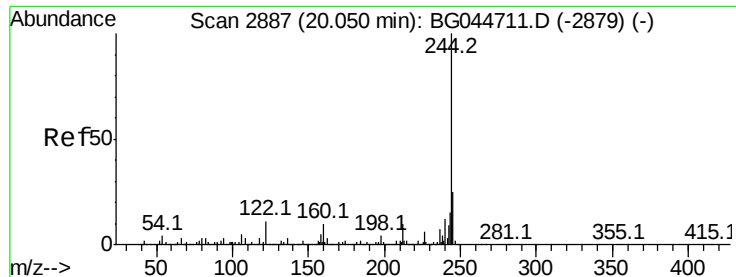


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.880 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

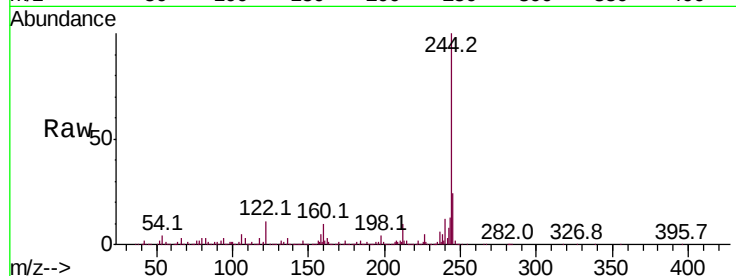
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2204299

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.4	12.6
122	11.2	8.7	13.1

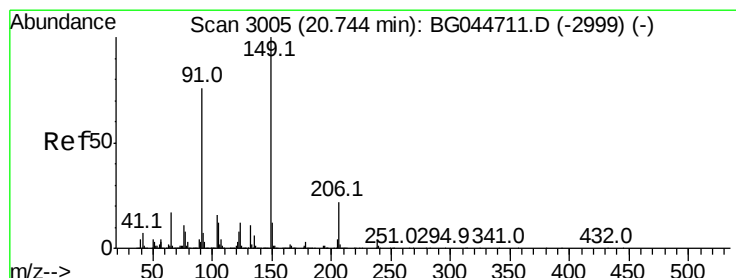
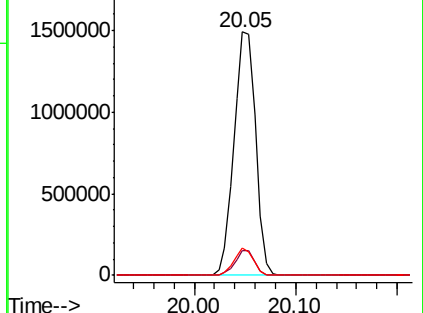
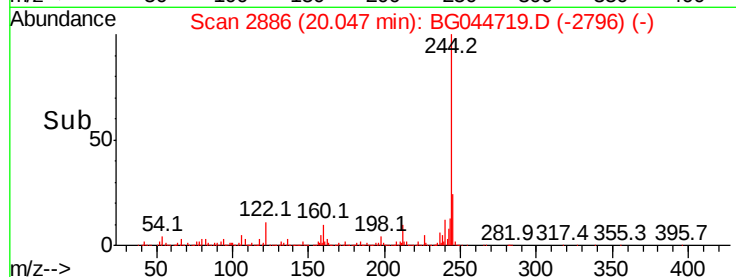


Abundance

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: 38.447 ng

RT: 20.74 min Scan# 3004

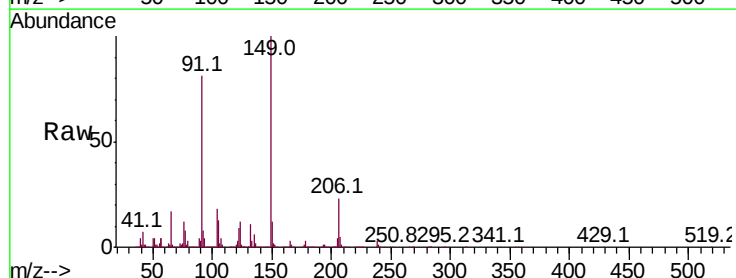
Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:149 Resp: 797493

Ion	Ratio	Lower	Upper
149	100		
91	81.1	61.1	91.7
206	22.5	17.4	26.2

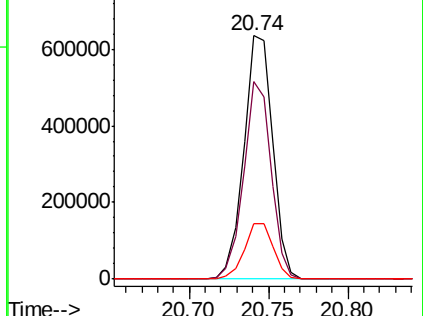
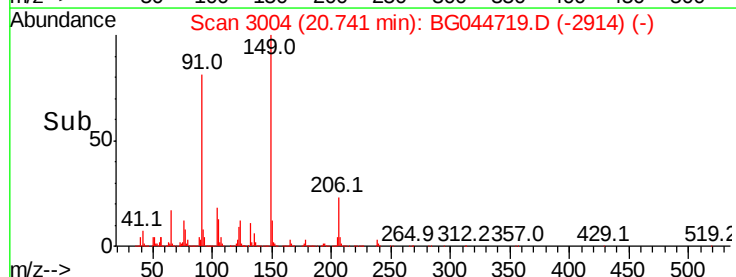


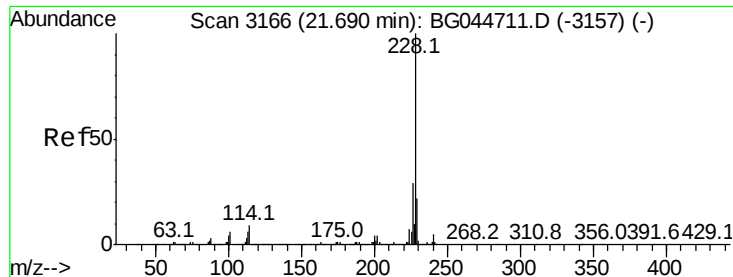
Abundance

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: 38.344 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampled :

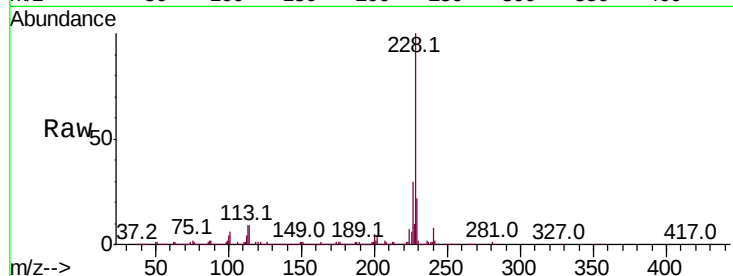
Tot Ion:228 Resp: 1754672

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	21.7	17.2	25.8

228 100

226 29.9 23.5 35.3

229 21.7 17.2 25.8

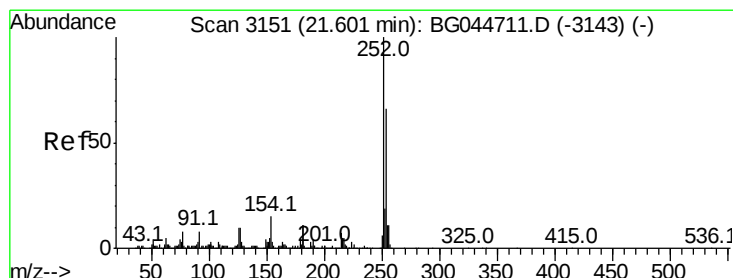
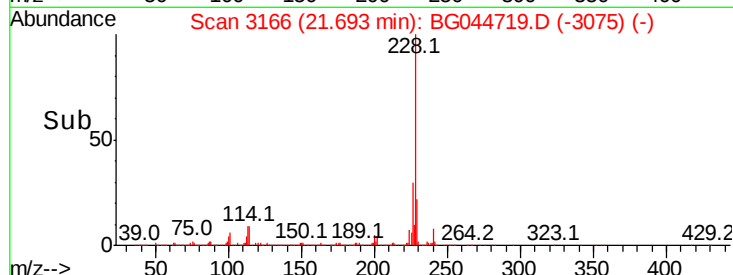
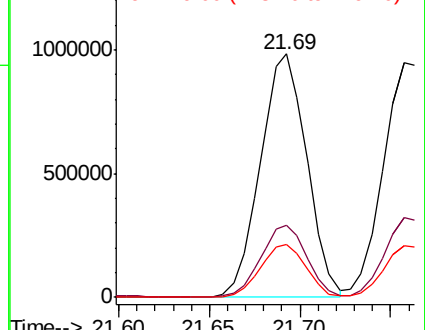


Abundance

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: 32.718 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

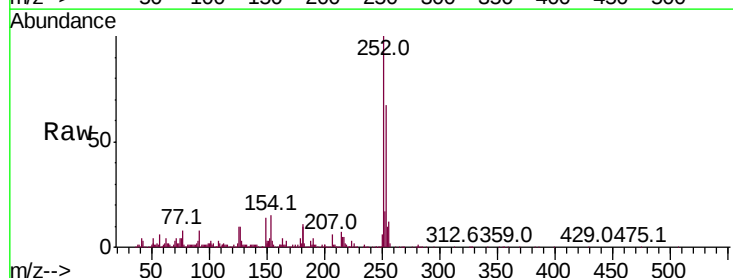
Tgt Ion:252 Resp: 579234

Ion	Ratio	Lower	Upper
252	100		
254	66.6	53.0	79.4
126	9.7	8.2	12.4

252 100

254 66.6 53.0 79.4

126 9.7 8.2 12.4

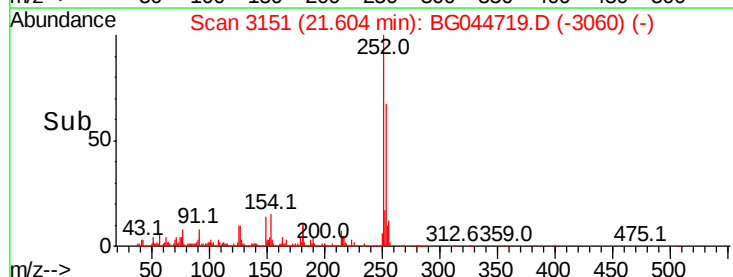
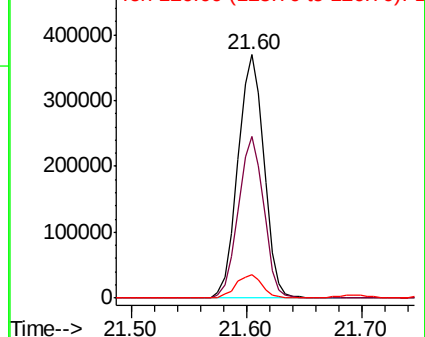


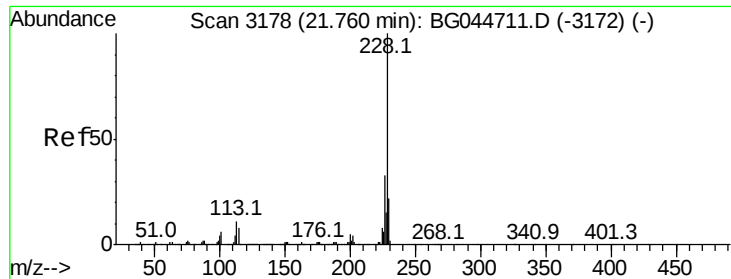
Abundance

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: 38.361 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

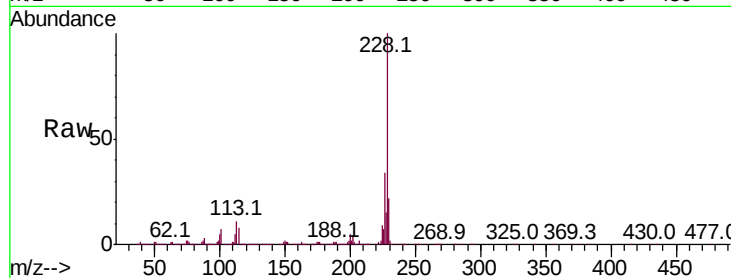
Tot Ion:228 Resp: 1676865

Ion	Ratio	Lower	Upper
228	100		
226	34.1	26.1	39.1
229	21.9	17.4	26.0

228 100

226 34.1 26.1 39.1

229 21.9 17.4 26.0

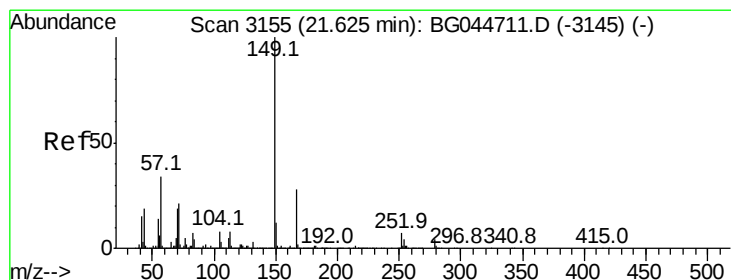
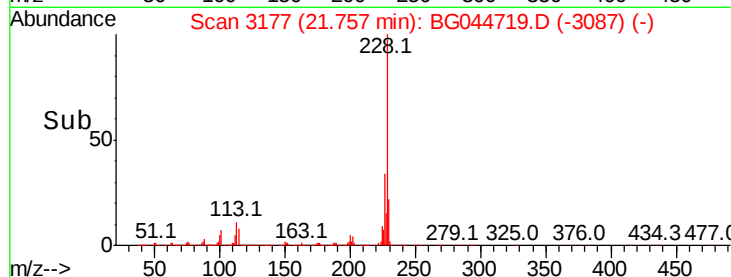
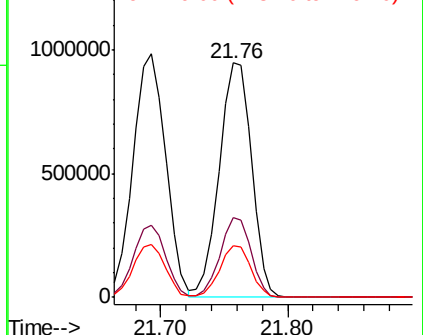


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.679 ng

RT: 21.63 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

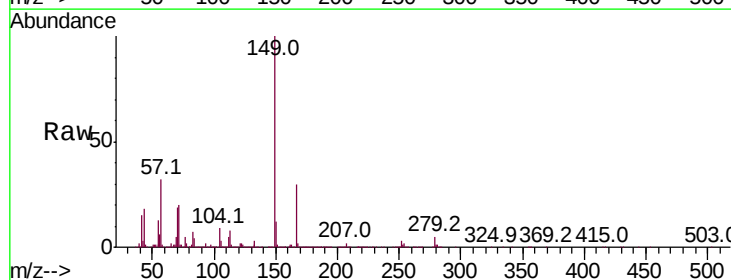
Tgt Ion:149 Resp: 1107278

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.6	33.8
279	4.9	3.5	5.3

149 100

167 29.6 22.6 33.8

279 4.9 3.5 5.3

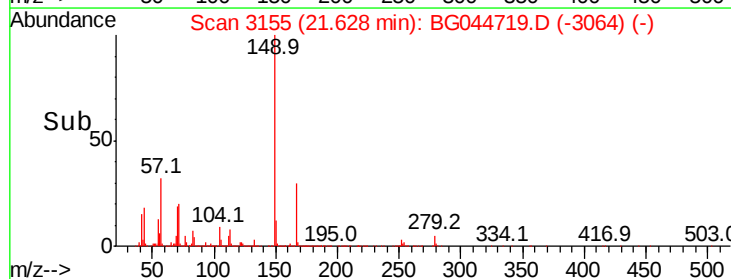
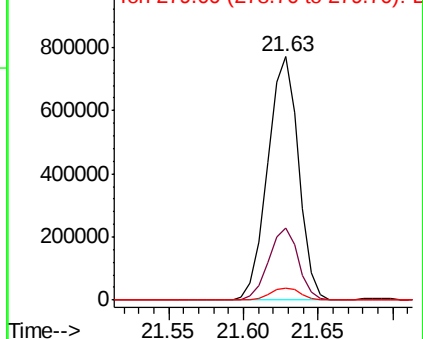


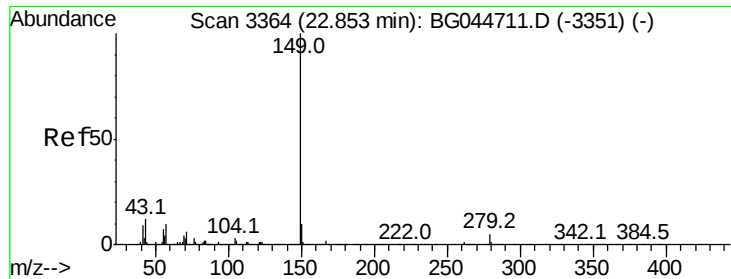
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.502 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampleId :

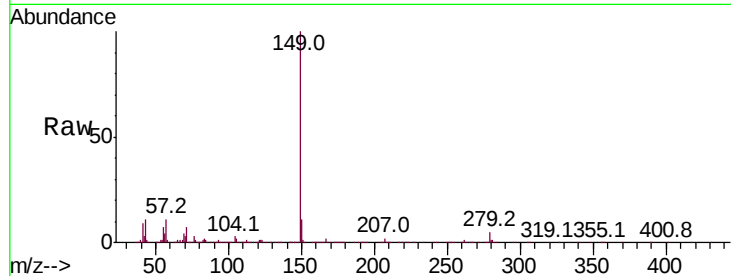
Tot Ion:149 Resp: 1892346

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

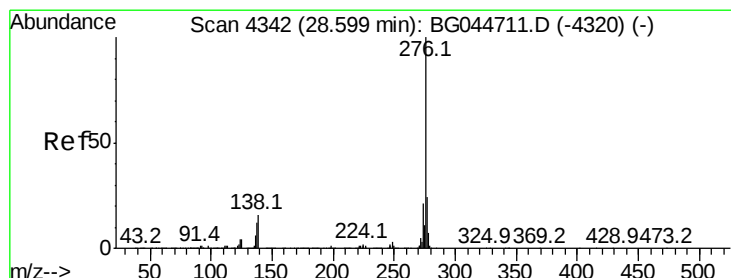
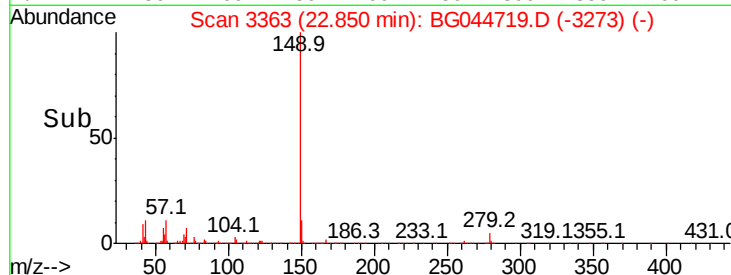
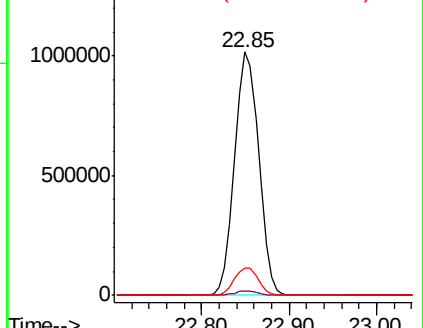
43 11.2 9.0 13.6



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: 38.499 ng

RT: 28.60 min Scan# 4342

Delta R.T. 0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

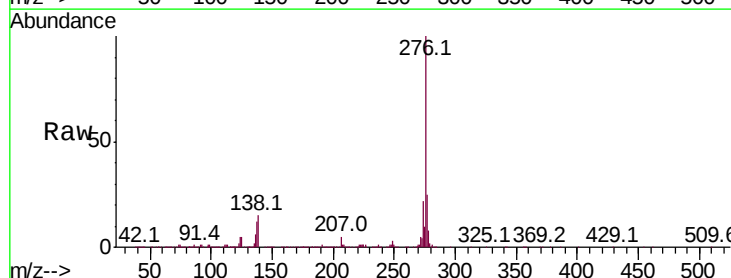
Tgt Ion:276 Resp: 2206295

Ion Ratio Lower Upper

276 100

138 13.0 10.9 16.3

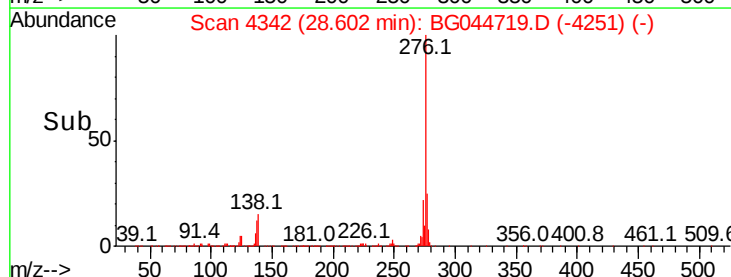
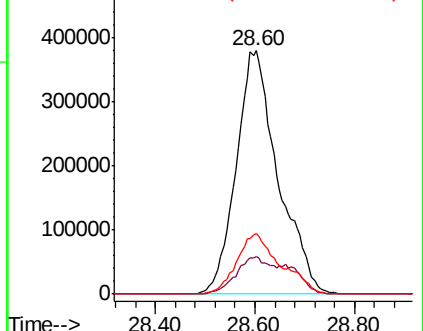
277 26.1 20.8 31.2

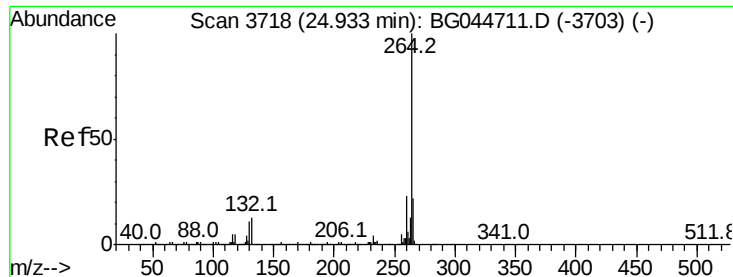


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.93 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

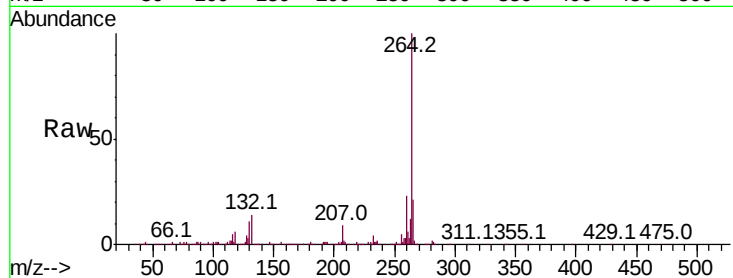
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 648410

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	21.4	17.4	26.2

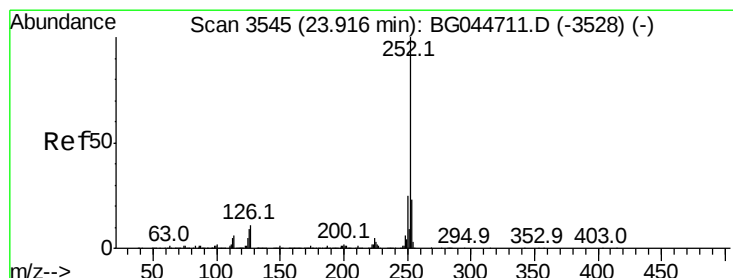
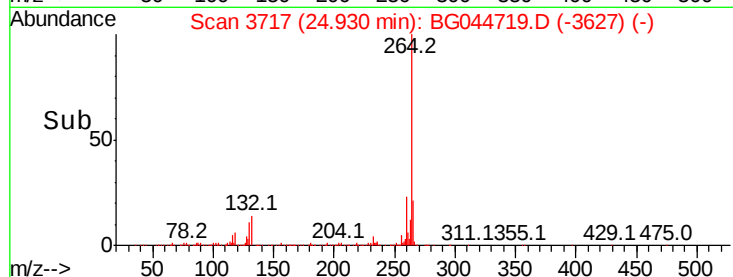
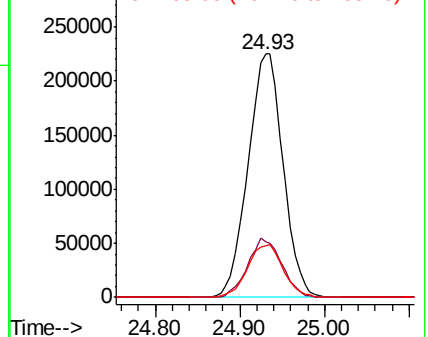


Abundance

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: 44.171 ng

RT: 23.91 min Scan# 3544

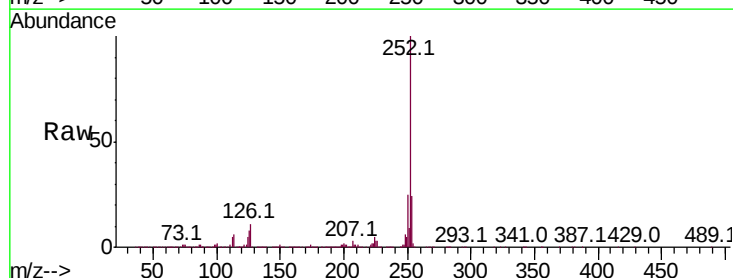
Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Tgt Ion:252 Resp: 1890795

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.7	28.1
125	8.5	7.2	10.8

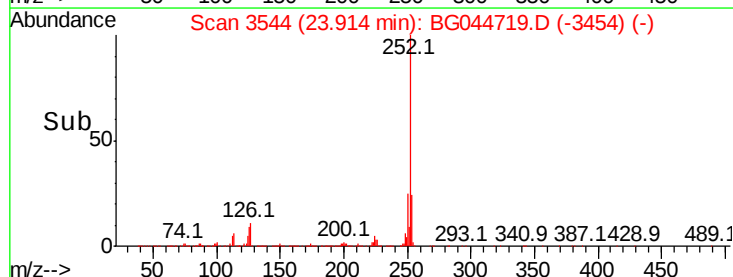
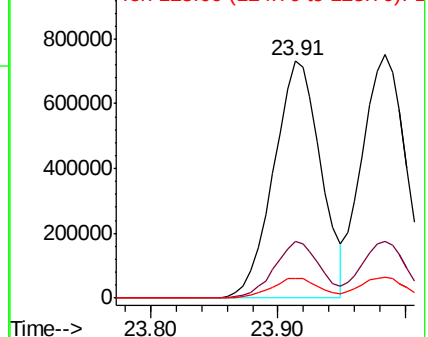


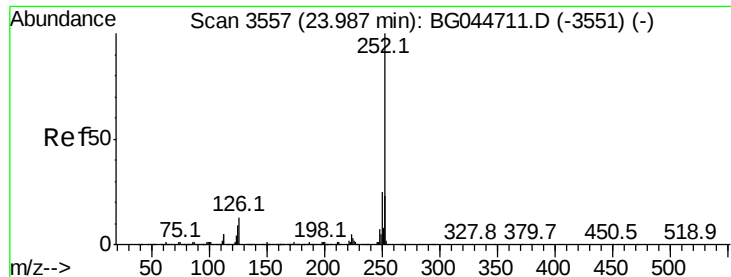
Abundance

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: 44.627 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampled :

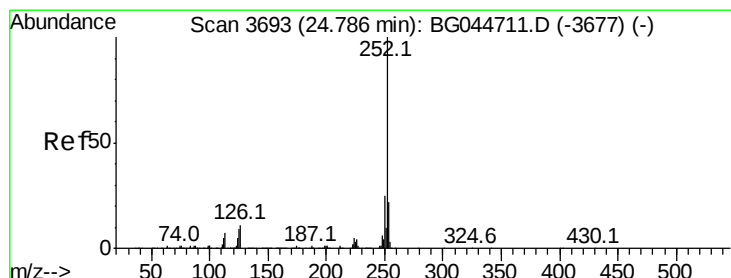
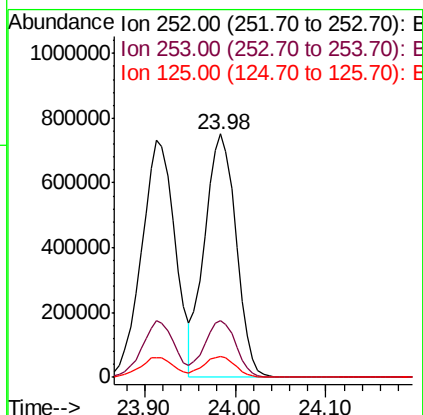
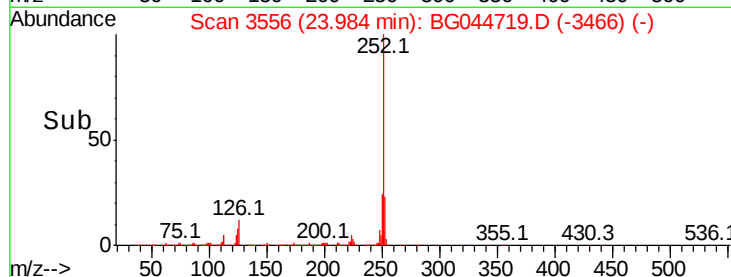
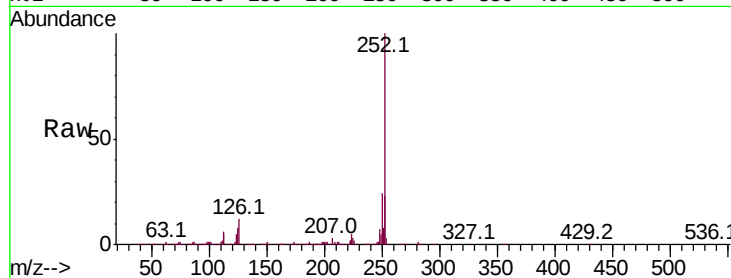
Tot Ion:252 Resp: 1807808

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 8.4 7.0 10.4



#90

Benzo(a)pyrene

Concen: 43.187 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

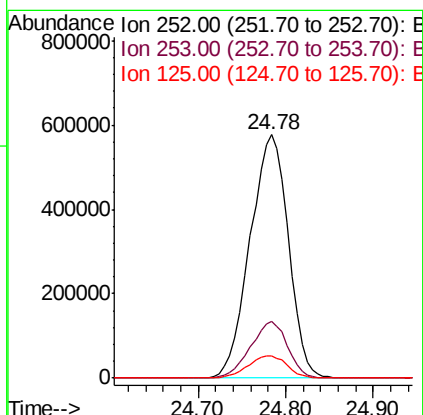
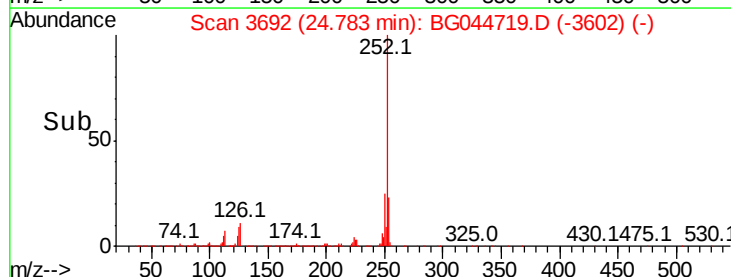
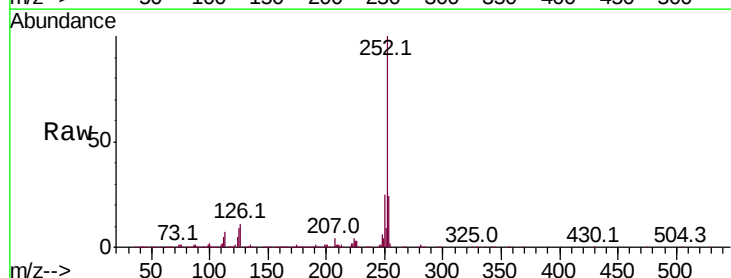
Tgt Ion:252 Resp: 1729810

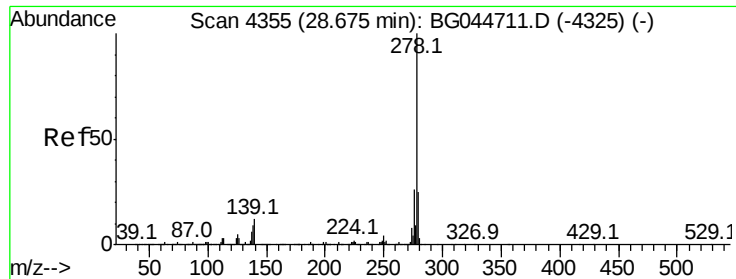
Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 9.2 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 45.313 ng

RT: 28.67 min Scan# 4354

Delta R.T. -0.00 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

Instrument :

BNA_G

ClientSampled :

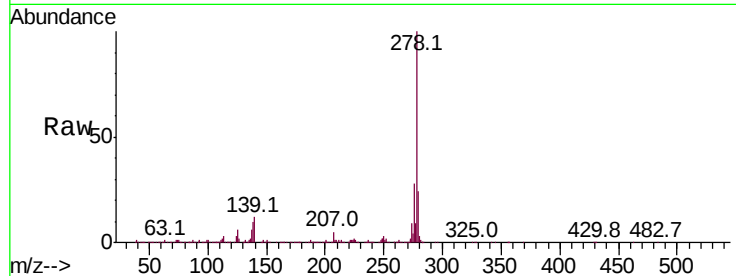
Tot Ion:278 Resp: 1790580

Ion Ratio Lower Upper

278 100

139 12.2 9.9 14.9

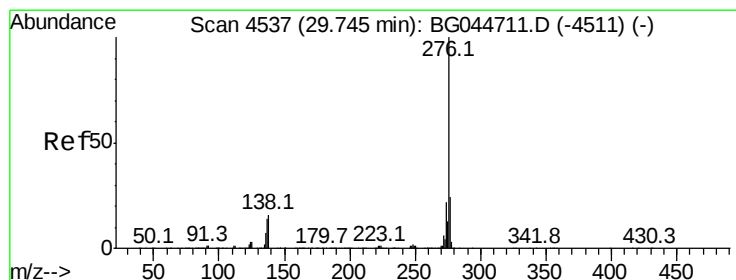
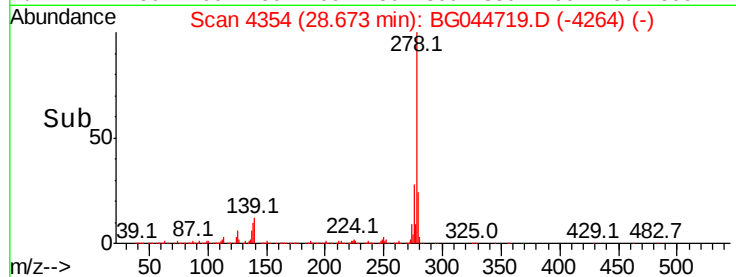
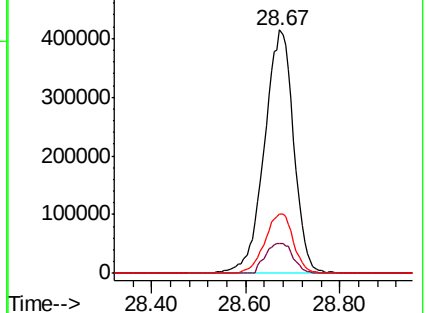
279 24.3 20.2 30.4



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: 46.282 ng

RT: 29.74 min Scan# 4535

Delta R.T. -0.01 min

Lab File: BG044719.D

Acq: 11 Mar 2020 13:58

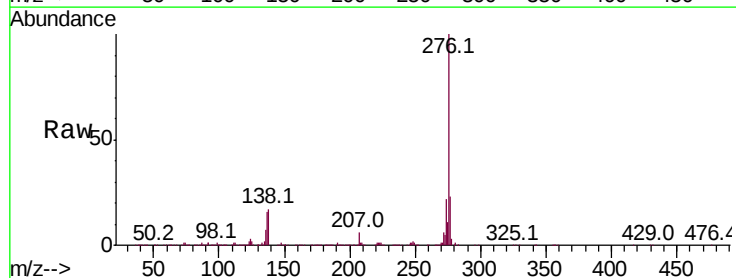
Tgt Ion:276 Resp: 1847765

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 16.9 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

