

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
 Data File : BG044714.D
 Acq On : 10 Mar 2020 14:25
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 10 15:46:10 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 14:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	104042	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	388742	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	258600	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	566467	20.00	ng	0.00
76) Chrysene-d12	21.71	240	480303	20.00	ng	0.00
87) Perylene-d12	24.93	264	581306	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1017684	146.90	ng	0.00
7) Phenol-d6	7.21	99	1469958	140.38	ng	0.00
23) Nitrobenzene-d5	9.22	82	1433224	167.86	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	548633	154.45	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	2666672	143.65	ng	0.00
79) Terphenyl-d14	20.06	244	3502665	130.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	246728	74.301	ng	98
3) Pyridine	3.93	79	689760	66.995	ng	98
4) n-Nitrosodimethylamine	3.83	42	296723	68.132	ng	95
6) Aniline	7.38	93	923867	70.428	ng	98
8) 2-Chlorophenol	7.62	128	514870	73.329	ng	99
9) Benzaldehyde	7.19	77	352917	57.420	ng	97
10) Phenol	7.24	94	735435	71.296	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	576773	72.770	ng	97
12) 1,3-Dichlorobenzene	7.95	146	622449	74.542	ng	97
13) 1,4-Dichlorobenzene	8.09	146	613873	73.584	ng	99
14) 1,2-Dichlorobenzene	8.42	146	581025	73.679	ng	97
15) Benzyl Alcohol	8.29	79	604622	66.929	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	1019482	68.081	ng	99
17) 2-Methylphenol	8.49	107	496328	70.223	ng	93
18) Hexachloroethane	9.15	117	249155	74.464	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	517380	66.137	ng	97
20) 3+4-Methylphenols	8.83	107	686990	69.772	ng	99
22) Acetophenone	8.88	105	862450	75.997	ng	# 97
24) Nitrobenzene	9.26	77	755675	83.478	ng	98
25) Isophorone	9.79	82	1360228	72.243	ng	98
26) 2-Nitrophenol	9.97	139	268551	90.720	ng	96
27) 2,4-Dimethylphenol	10.03	122	455558	77.119	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	800810	75.547	ng	99
29) 2,4-Dichlorophenol	10.51	162	533969	79.445	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	623765	79.894	ng	97
31) Naphthalene	10.92	128	1668689	76.489	ng	98
32) Benzoic acid	10.21	122	399531	96.440	ng	96
33) 4-Chloroaniline	11.02	127	762839	75.918	ng	98
34) Hexachlorobutadiene	11.22	225	415653	77.923	ng	98
35) Caprolactam	11.81	113	176321	62.843	ng	# 85
36) 4-Chloro-3-methylphenol	12.14	107	625796	73.520	ng	97
37) 2-Methylnaphthalene	12.52	142	1248766	75.852	ng	97
38) 1-Methylnaphthalene	12.74	142	1174705	75.479	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	669357	79.733	ng	99

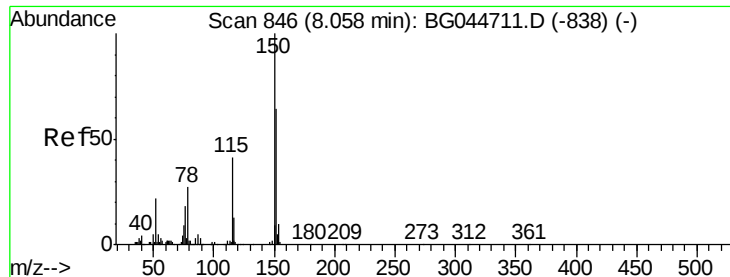
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
 Data File : BG044714.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	399308	81.341	nq	98
43) 2,4,6-Trichlorophenol	13.12	196	462821	79.524	nq	96
44) 2,4,5-Trichlorophenol	13.19	196	477577	80.016	nq	98
46) 1,1'-Biphenyl	13.53	154	1584790	77.051	nq	95
47) 2-Chloronaphthalene	13.57	162	1231613	78.501	nq	98
48) 2-Nitroaniline	13.76	65	482398	91.167	nq	98
49) Acenaphthylene	14.42	152	1893934	75.348	nq	97
50) Dimethylphthalate	14.15	163	1575903	73.302	nq	99
51) 2,6-Dinitrotoluene	14.26	165	352591	91.272	nq	98
52) Acenaphthene	14.76	154	1282851	78.931	nq	98
53) 3-Nitroaniline	14.59	138	392817	88.235	nq	96
54) 2,4-Dinitrophenol	14.79	184	177134	98.757	nq	# 74
55) Dibenzofuran	15.09	168	1793677	73.652	nq	95
56) 4-Nitrophenol	14.89	139	312763	90.292	nq	97
57) 2,4-Dinitrotoluene	15.04	165	492354	95.384	nq	95
58) Fluorene	15.74	166	1465041	72.733	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.23	232	453738	79.876	nq	99
60) Diethylphthalate	15.52	149	1658719	72.165	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	810882	74.190	nq	98
62) 4-Nitroaniline	15.76	138	415685	84.772	nq	98
63) Azobenzene	16.03	77	1706848	70.960	nq	96
65) 4,6-Dinitro-2-methylphenol	15.81	198	230788	99.726	nq	98
66) n-Nitrosodiphenylamine	15.95	169	1324421	76.469	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	566166	79.248	nq	98
68) Hexachlorobenzene	16.75	284	608838	78.924	nq	97
69) Atrazine	16.90	200	457897	68.412	nq	100
70) Pentachlorophenol	17.09	266	362556	82.825	nq	97
71) Phenanthrene	17.48	178	2309506	74.354	nq	95
72) Anthracene	17.58	178	2259107	73.844	nq	97
73) Carbazole	17.84	167	2177070	74.306	nq	96
74) Di-n-butylphthalate	18.41	149	2624361	71.122	nq	96
75) Fluoranthene	19.49	202	2672312	71.186	nq	96
77) Benzidine	19.66	184	1227460	64.020	nq	96
78) Pyrene	19.49	202	2672312	72.944	nq	94
80) Butylbenzylphthalate	20.74	149	1310345	80.133	nq	93
81) Benzo(a)anthracene	21.70	228	2666667	74.035	nq	94
82) 3,3'-Dichlorobenzidine	21.61	252	1073128	74.829	nq	97
83) Chrysene	21.77	228	2534842	73.937	nq	94
84) Bis(2-ethylhexyl)phthalate	21.63	149	1723964	75.600	nq	# 96
85) Di-n-octyl phthalate	22.85	149	2914302	74.420	nq	97
86) Indeno(1,2,3-cd)pyrene	28.61	276	3564957	78.734	nq	99
88) Benzo(b)fluoranthene	23.92	252	3017101	76.260	nq	98
89) Benzo(k)fluoranthene	23.99	252	2779728	74.956	nq	95
90) Benzo(a)pyrene	24.79	252	2836416	76.976	nq	98
91) Dibenzo(a,h)anthracene	28.69	278	2806382	76.378	nq	99
92) Benzo(g,h,i)perylene	29.77	276	2860451	77.720	nq	99

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

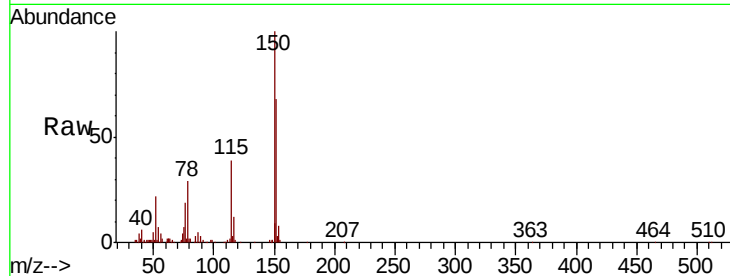


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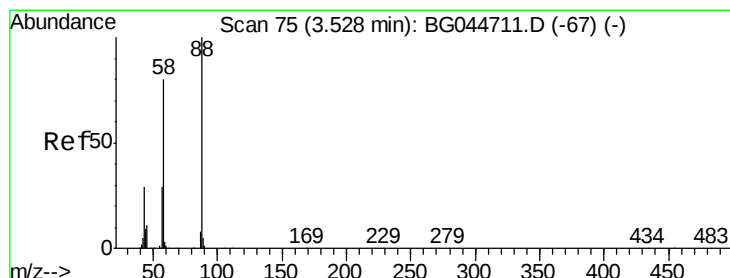
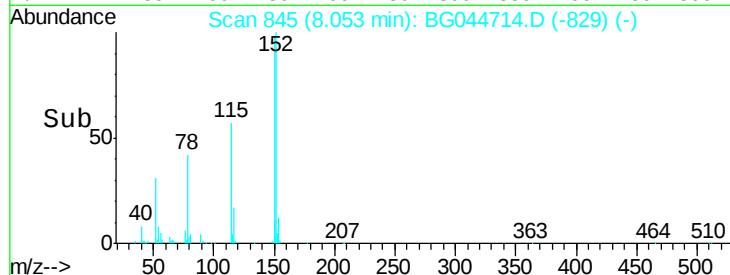
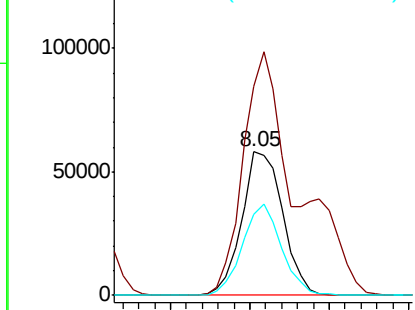
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 104042
Ion Ratio Lower Upper
152 100
150 146.1 125.3 187.9
115 56.9 51.7 77.5



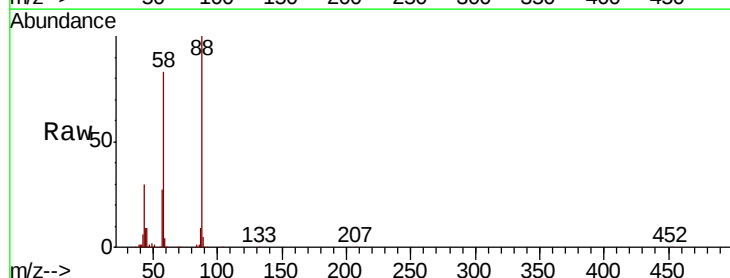
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



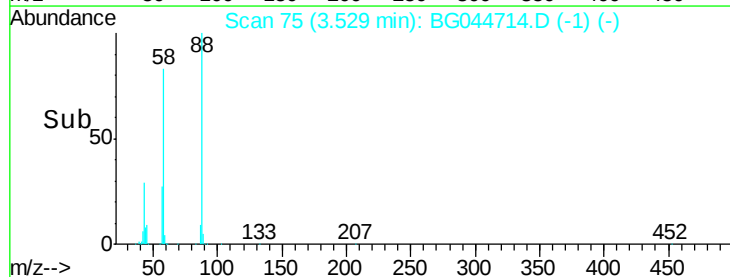
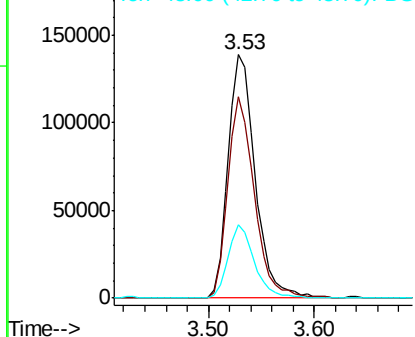
#2

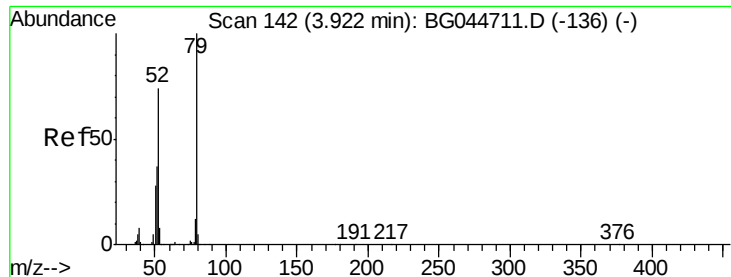
1,4-Dioxane
Concen: 74.301 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion: 88 Resp: 246728
Ion Ratio Lower Upper
88 100
58 81.4 63.0 94.4
43 29.4 23.2 34.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 66.995 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

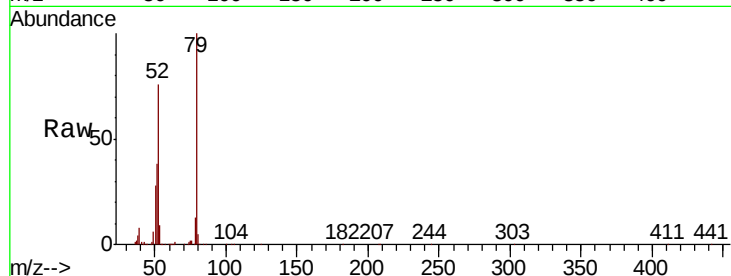
Tot Ion: 79 Resp: 689760

Ion Ratio Lower Upper

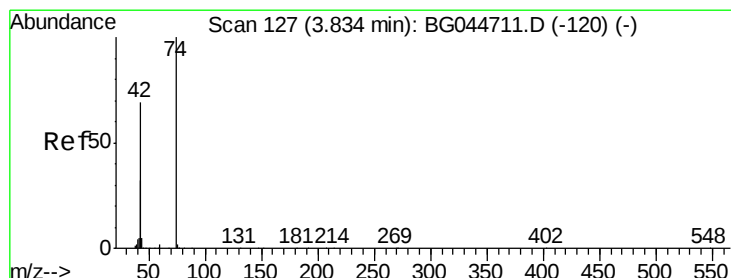
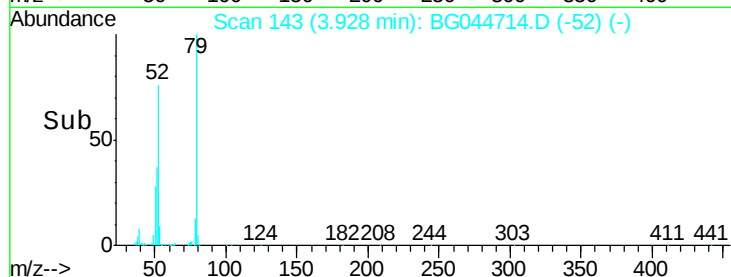
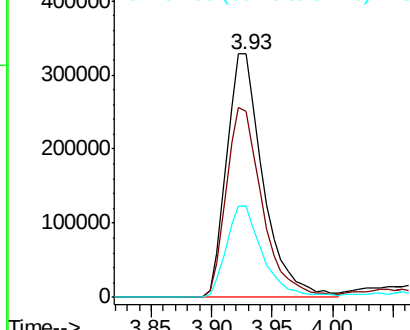
79 100

52 76.2 59.4 89.2

51 37.7 29.7 44.5



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



#4

n-Nitrosodimethylamine

Concen: 68.132 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

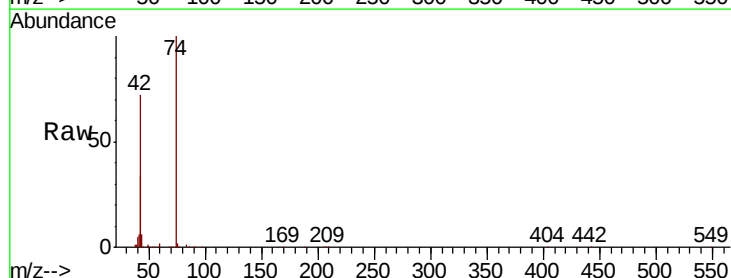
Tgt Ion: 42 Resp: 296723

Ion Ratio Lower Upper

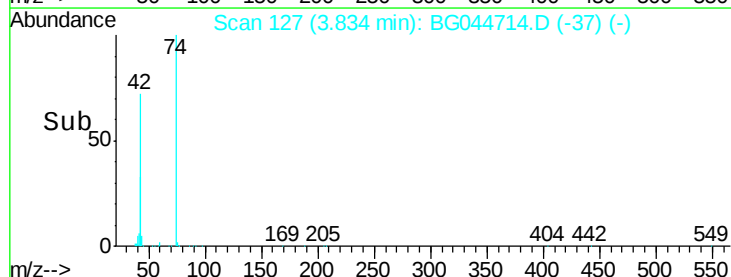
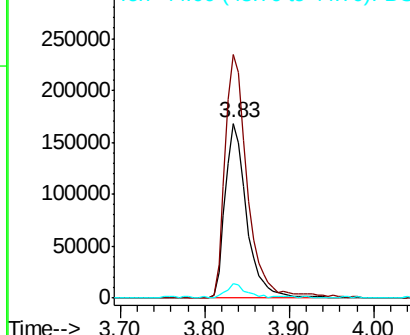
42 100

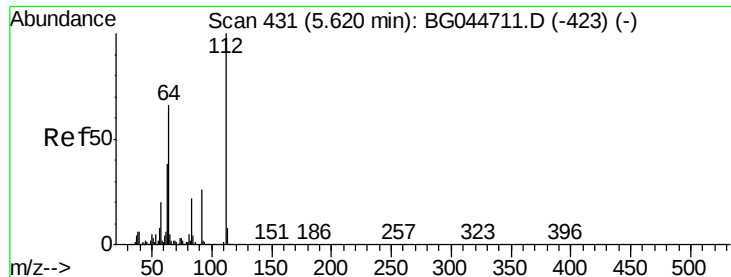
74 139.4 116.1 174.1

44 8.0 7.1 10.7



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





#5

2-Fluorophenol

Concen: 146.901 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

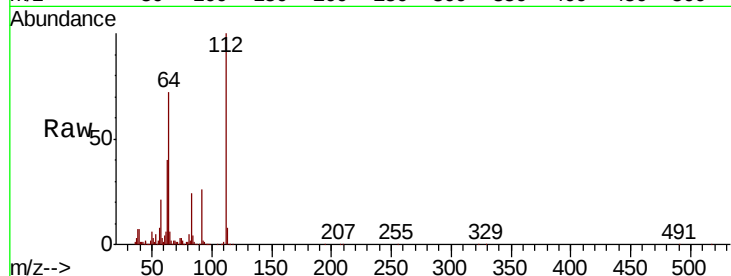
Tot Ion:112 Resp: 1017684

Ion Ratio Lower Upper

112 100

64 71.5 52.6 78.8

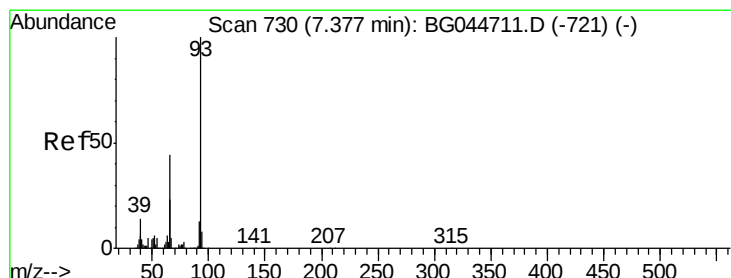
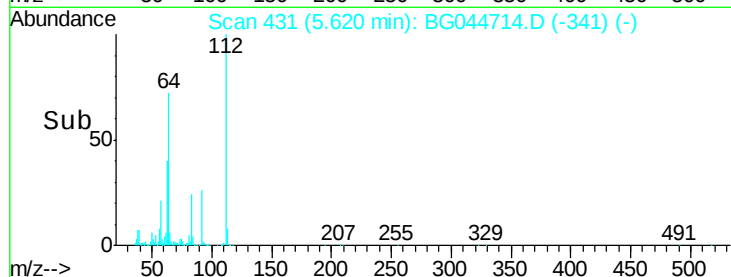
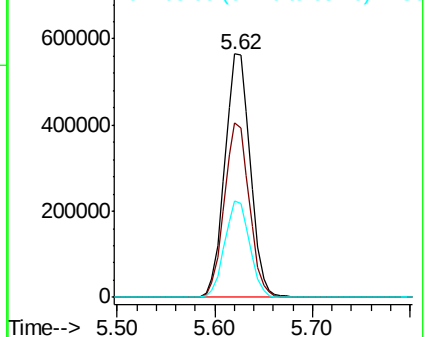
63 39.9 30.2 45.4



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: 70.428 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

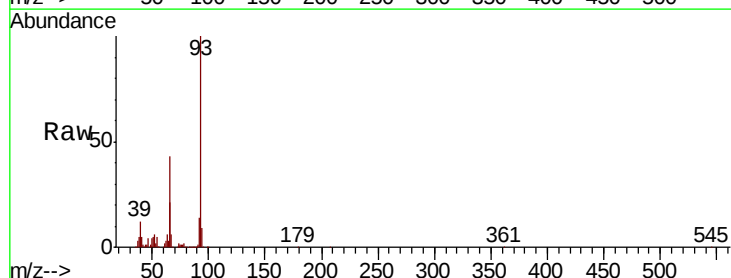
Tgt Ion: 93 Resp: 923867

Ion Ratio Lower Upper

93 100

66 42.8 35.3 52.9

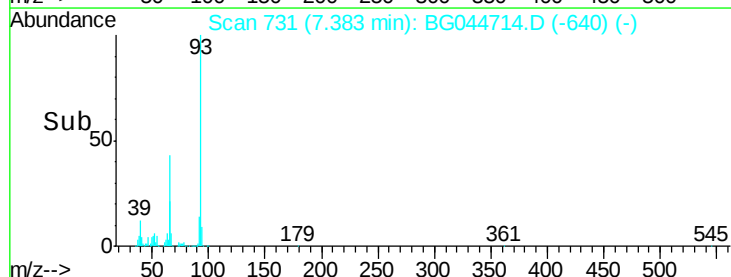
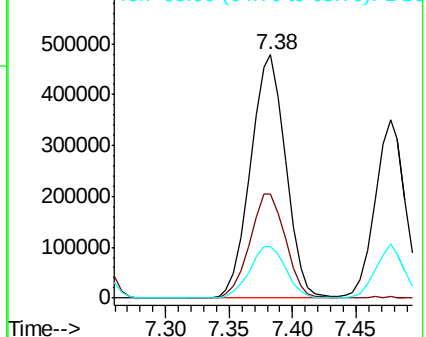
65 21.2 18.2 27.4

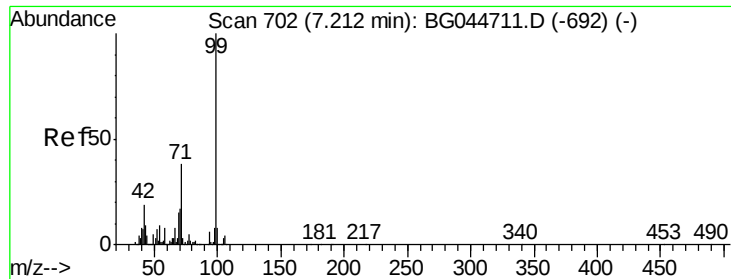


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.377 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

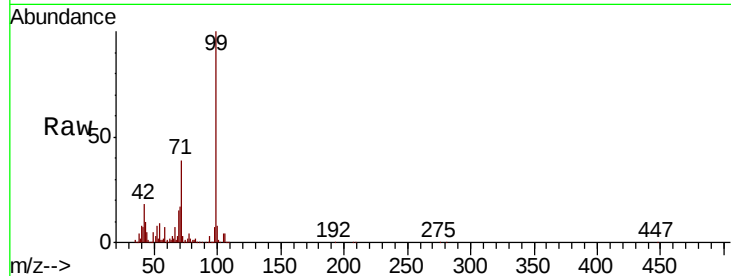
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1469958

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.4	23.0
71	38.8	30.2	45.4

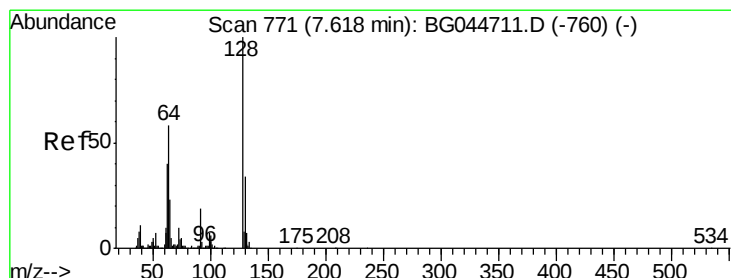
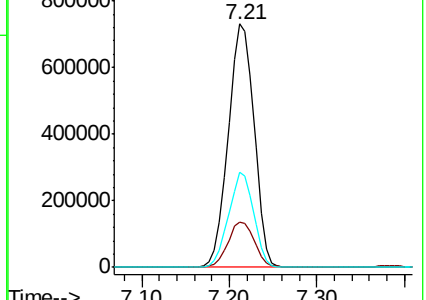
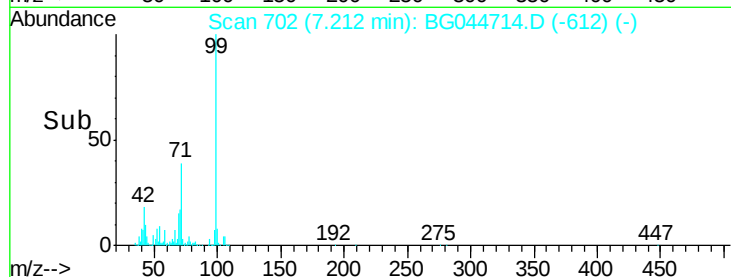


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 73.329 ng

RT: 7.62 min Scan# 772

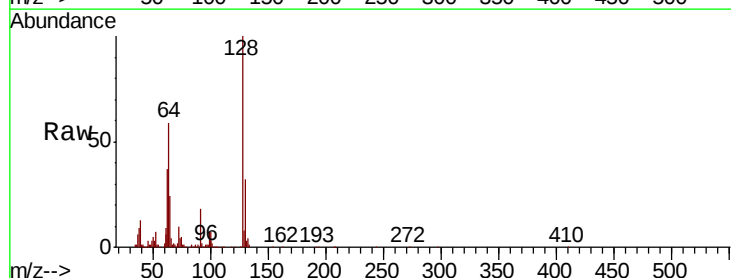
Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:128 Resp: 514870

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.6	53.6
64	58.5	38.6	78.6

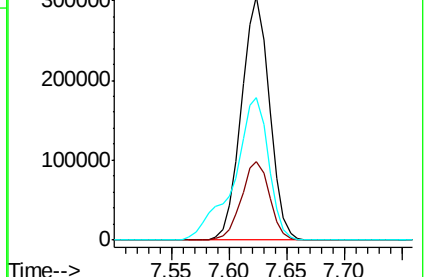
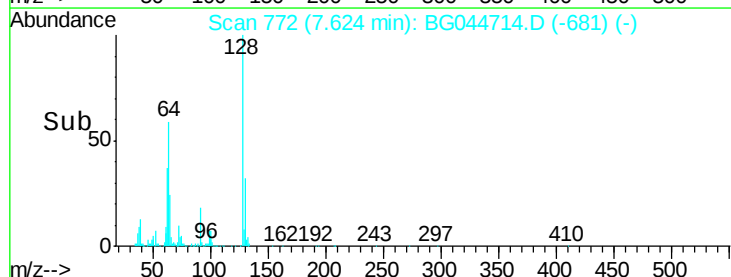


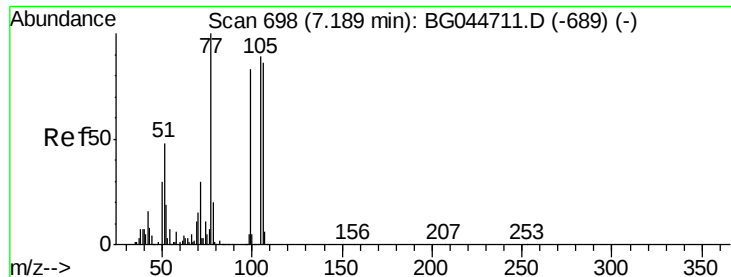
Abundance

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





#9

Benzaldehyde

Concen: 57.420 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampled :

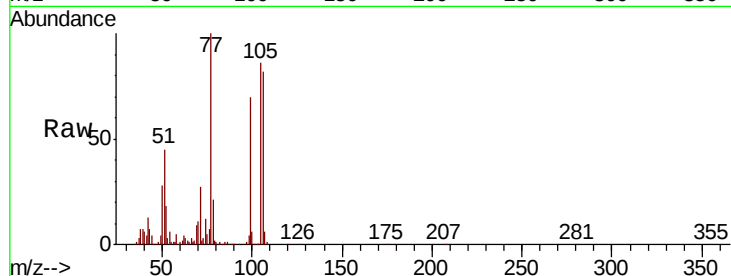
Tot Ion: 77 Resp: 352917

Ion Ratio Lower Upper

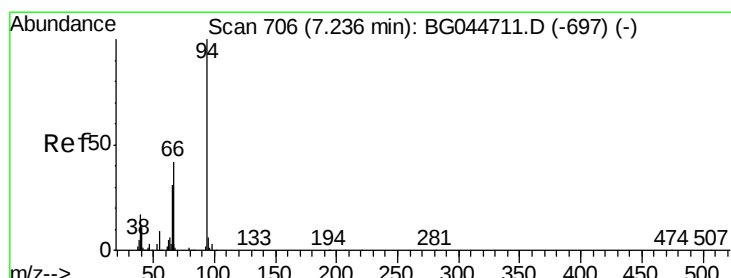
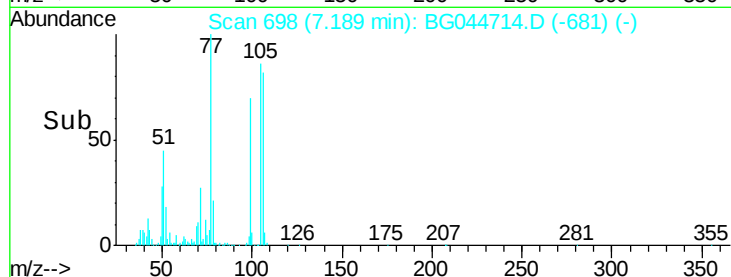
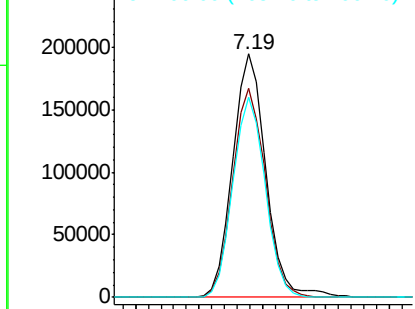
77 100

105 86.1 68.6 108.6

106 82.0 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: 71.296 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

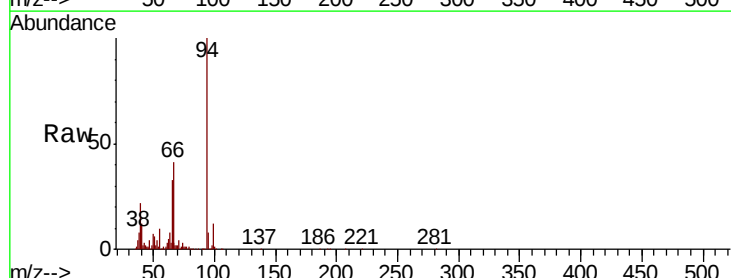
Tgt Ion: 94 Resp: 735435

Ion Ratio Lower Upper

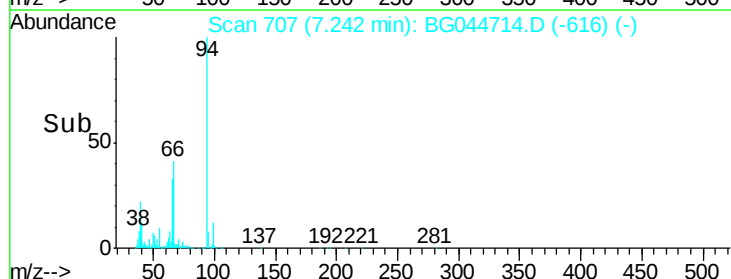
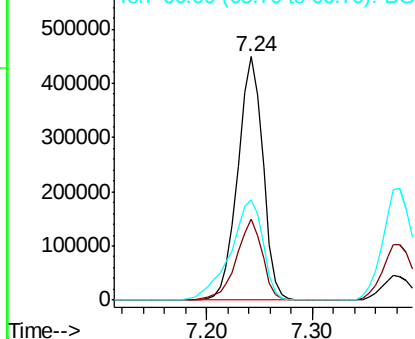
94 100

65 33.2 11.3 51.3

66 41.3 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

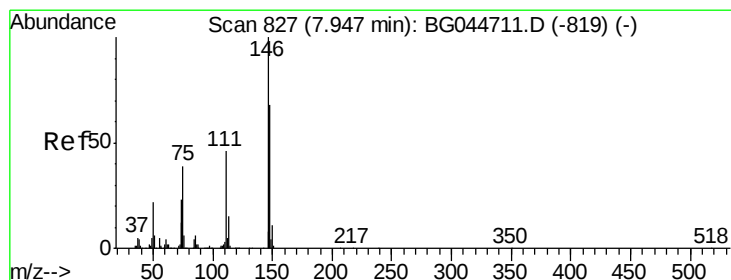
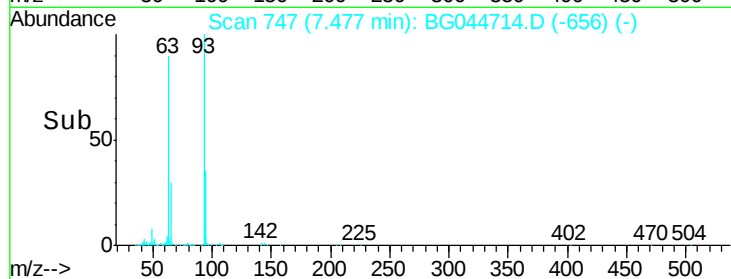
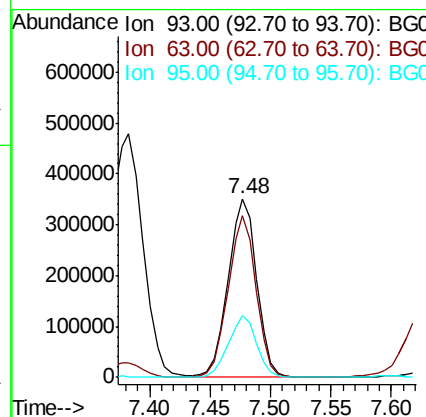
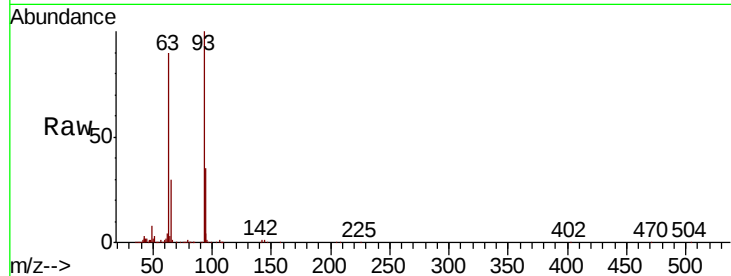




#11
bis(2-Chloroethyl)ether
Concen: 72.770 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

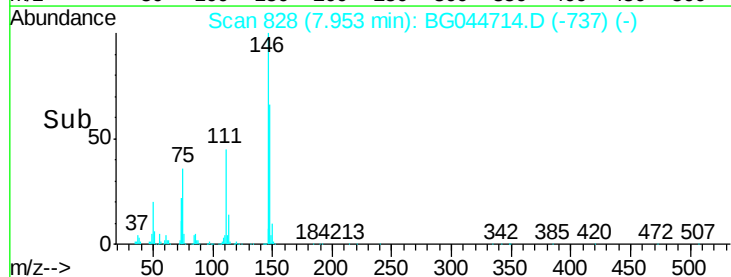
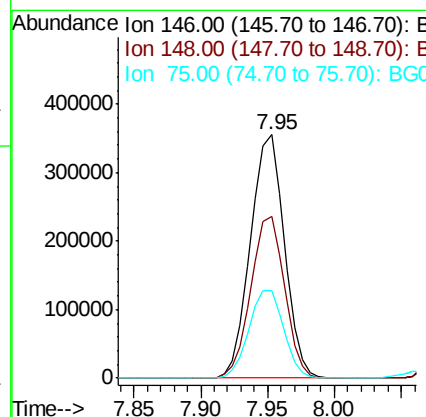
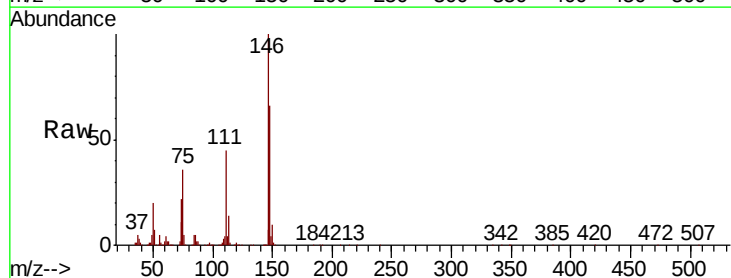
Instrument :
BNA_G
ClientSampleId :

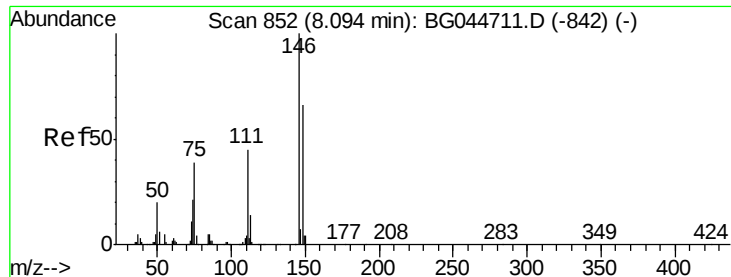
Tot Ion: 93 Resp: 576773
Ion Ratio Lower Upper
93 100
63 90.3 68.1 108.1
95 34.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 74.542 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion: 146 Resp: 622449
Ion Ratio Lower Upper
146 100
148 66.5 54.2 81.2
75 36.2 31.3 46.9

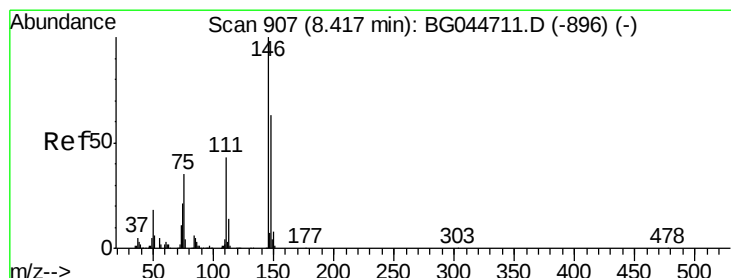
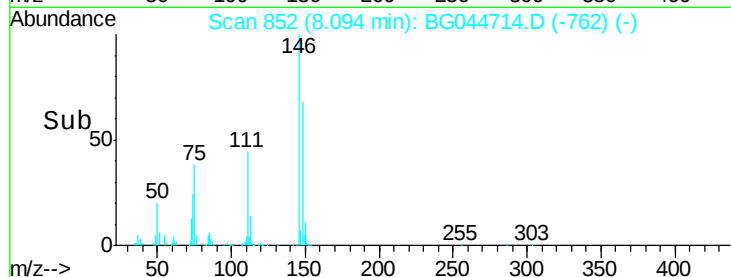
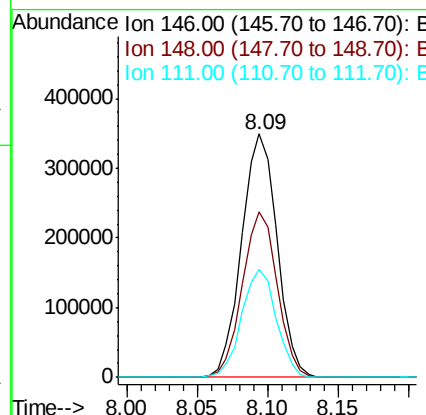
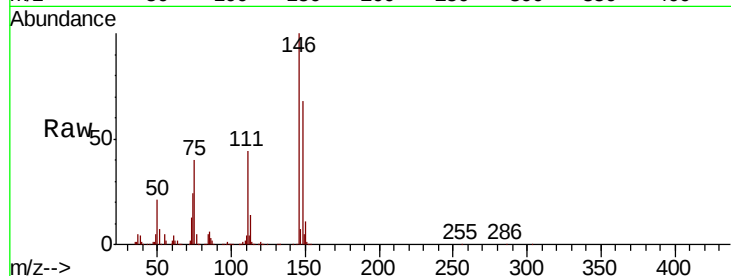




#13
 1,4-Dichlorobenzene
 Concen: 73.584 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

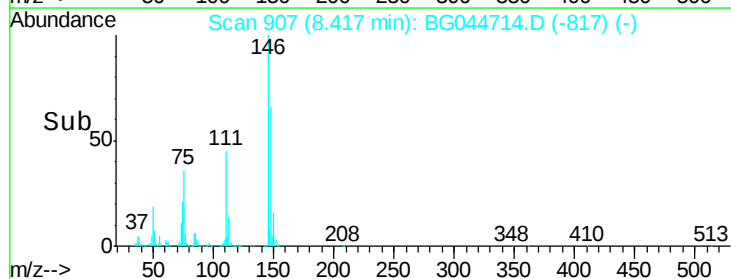
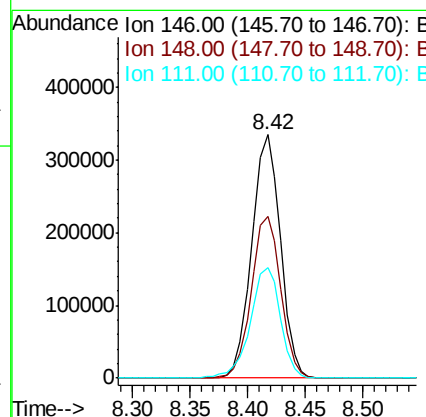
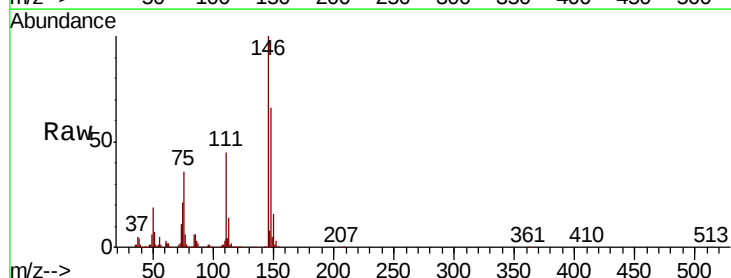
Instrument :
 BNA_G
 ClientSampleId :

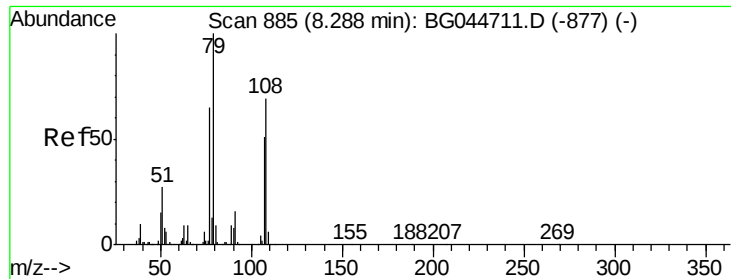
Tot Ion:146 Resp: 613873
 Ion Ratio Lower Upper
 146 100
 148 67.8 52.9 79.3
 111 44.3 35.6 53.4



#14
 1,2-Dichlorobenzene
 Concen: 73.679 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion:146 Resp: 581025
 Ion Ratio Lower Upper
 146 100
 148 66.2 50.8 76.2
 111 45.4 34.8 52.2

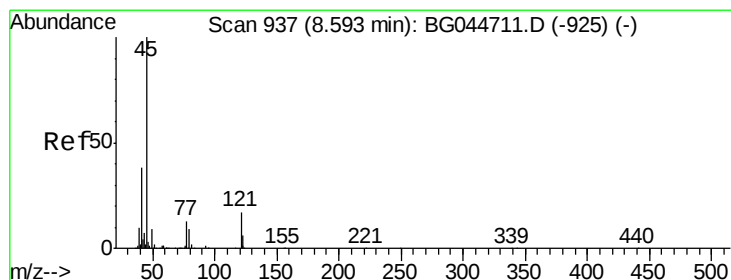
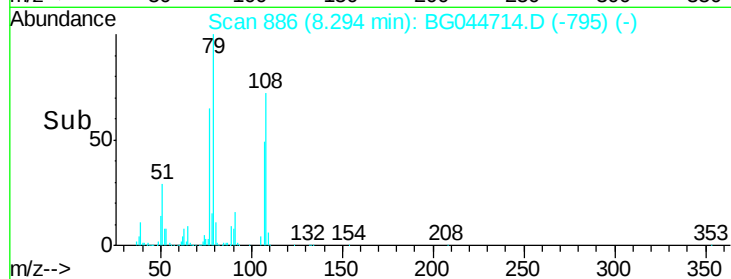
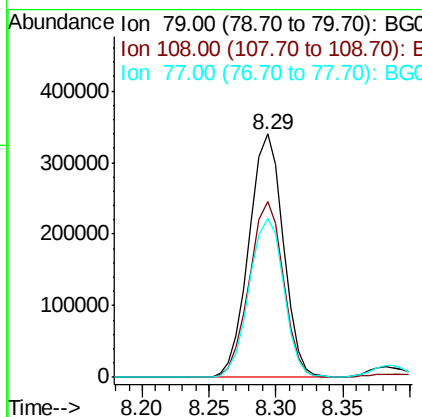
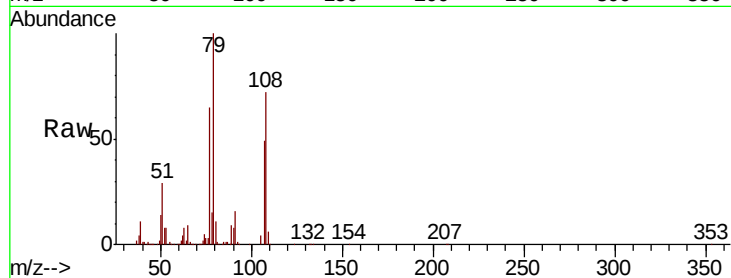




#15
Benzyl Alcohol
Concen: 66.929 ng
RT: 8.29 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

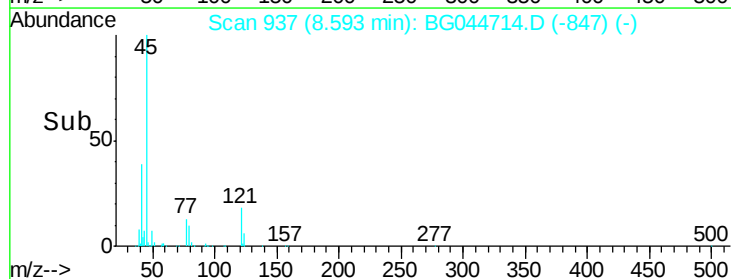
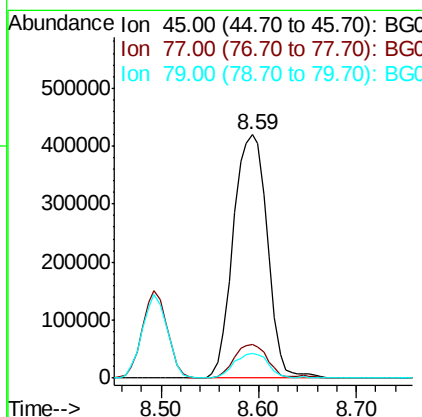
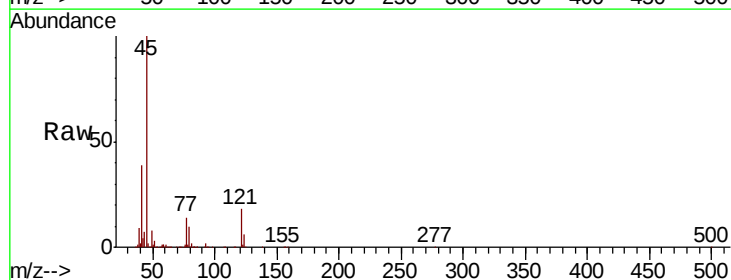
Instrument :
BNA_G
ClientSampleId :

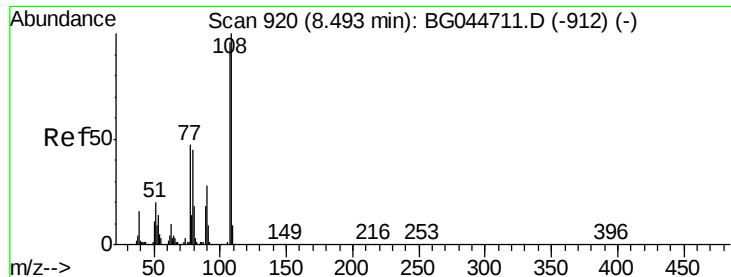
Tot Ion: 79 Resp: 604622
Ion Ratio Lower Upper
79 100
108 72.3 55.4 83.0
77 65.4 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 68.081 ng
RT: 8.59 min Scan# 937
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion: 45 Resp: 1019482
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.4
79 10.0 0.0 30.0

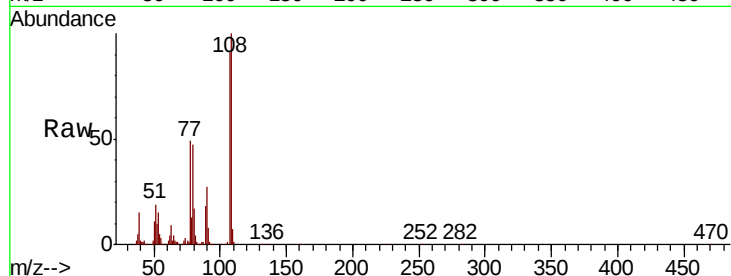




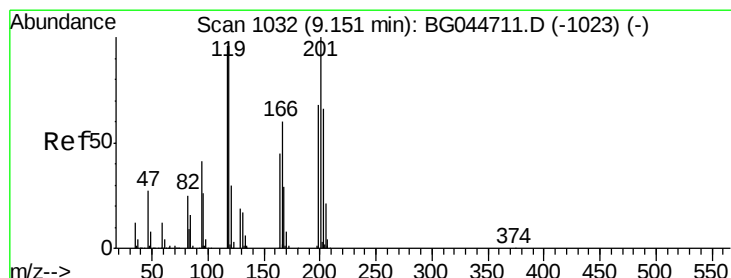
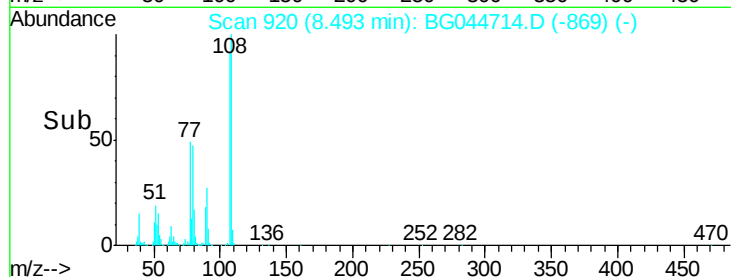
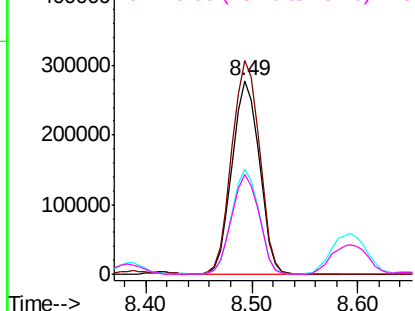
#17
2-Methylphenol
Concen: 70.223 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	496328
Ion	Ratio	Lower	Upper
107	100		
108	110.3	83.2	124.8
77	54.1	39.0	58.6
79	51.9	37.6	56.4

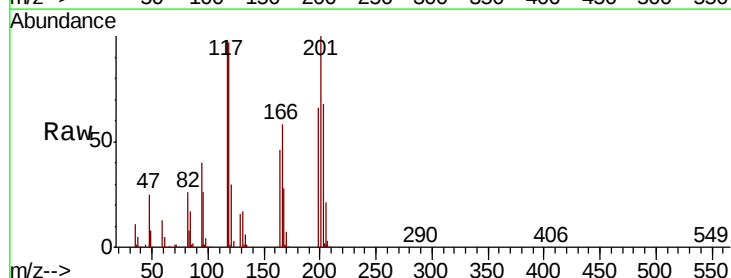


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

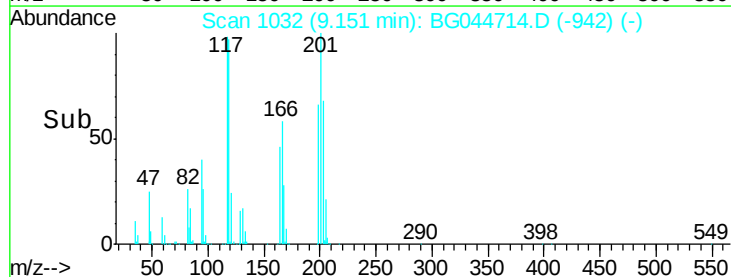
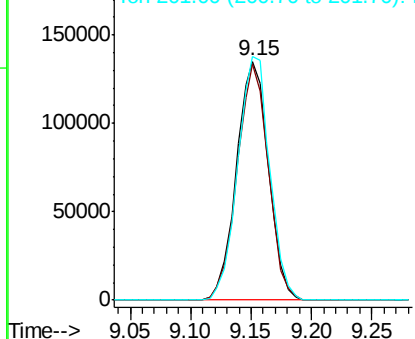


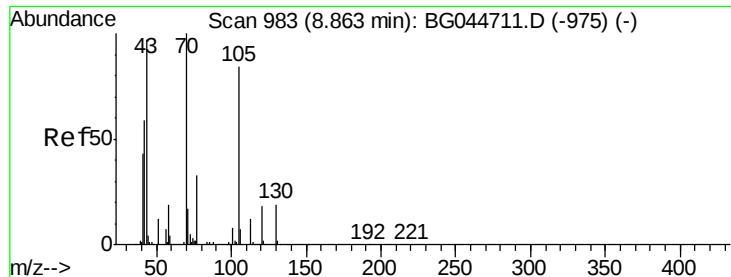
#18
Hexachloroethane
Concen: 74.464 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion:	117	Resp:	249155
Ion	Ratio	Lower	Upper
117	100		
119	98.6	80.2	120.4
201	101.8	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

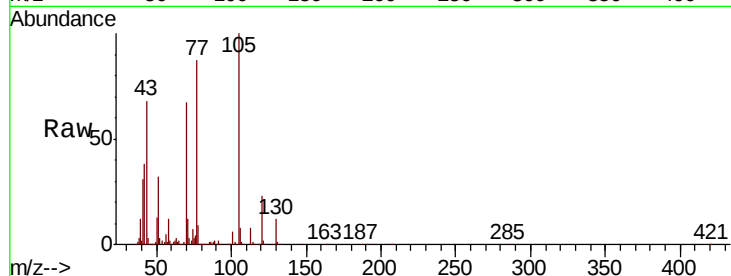




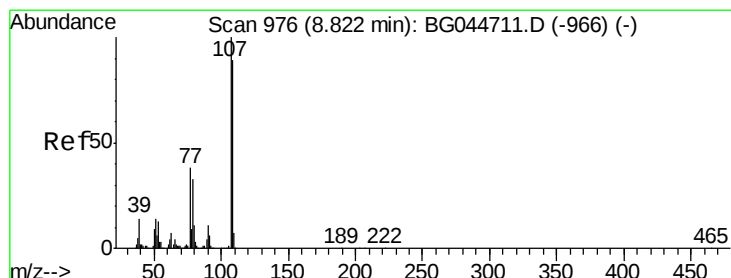
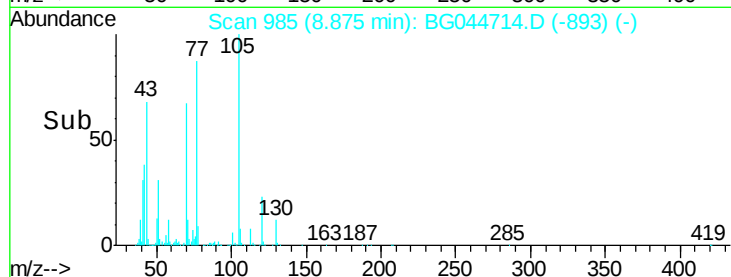
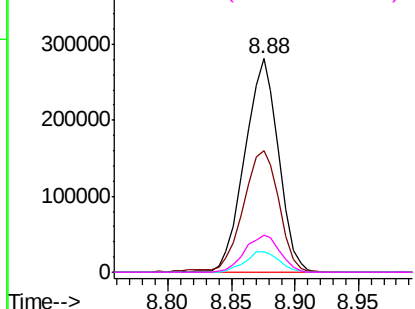
#19
n-Nitroso-di-n-propylamine
Concen: 66.137 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 517380
Ion Ratio Lower Upper
70 100
42 57.0 47.6 71.4
101 9.5 6.5 9.7
130 17.4 15.0 22.4

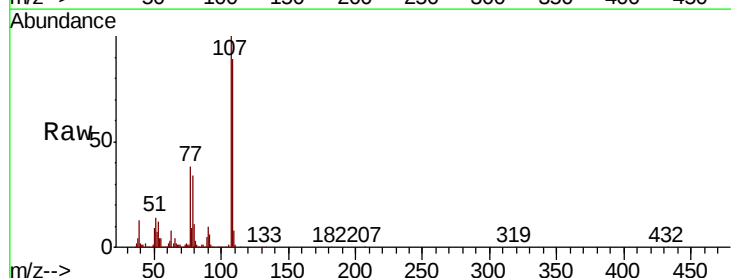


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

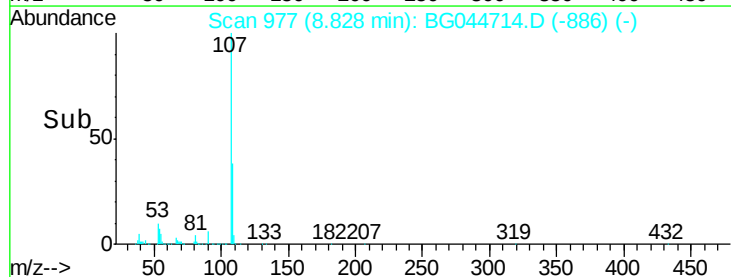
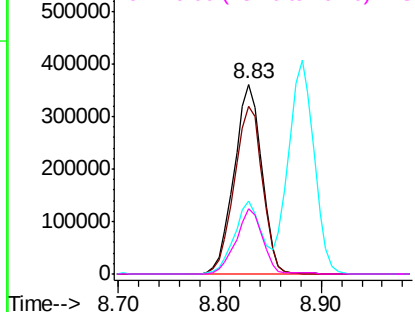


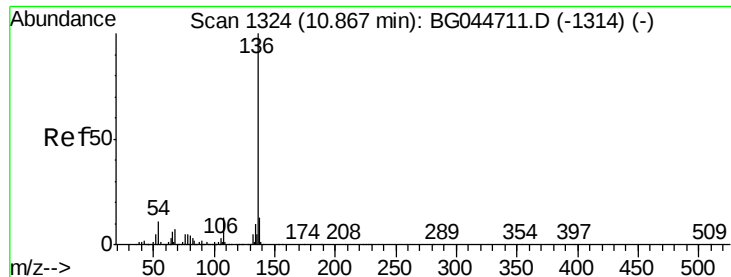
#20
3+4-Methylphenols
Concen: 69.772 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion: 107 Resp: 686990
Ion Ratio Lower Upper
107 100
108 88.5 69.1 109.1
77 38.2 17.7 57.7
79 34.3 13.0 53.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 388742

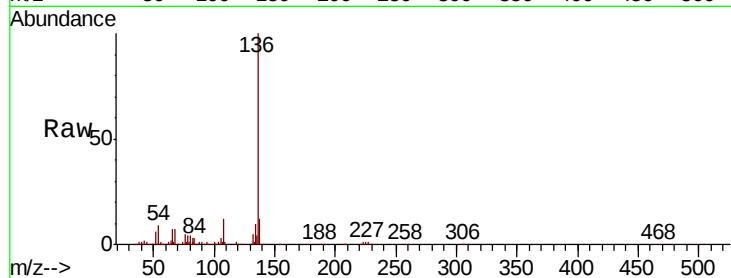
Ion Ratio Lower Upper

136 100

137 11.7 10.7 16.1

54 9.2 9.0 13.4

68 7.5 5.9 8.9

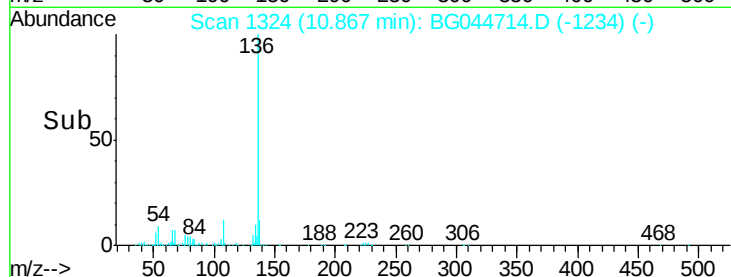


Abundance Ion 136.00 (135.70 to 136.70): E

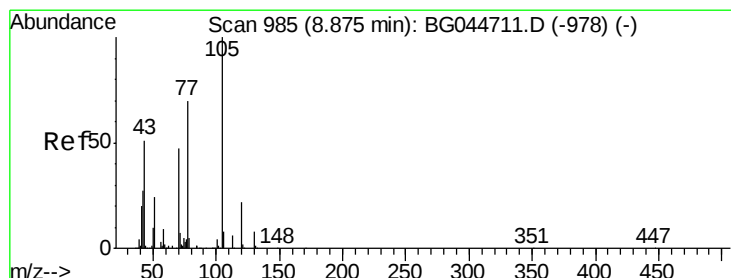
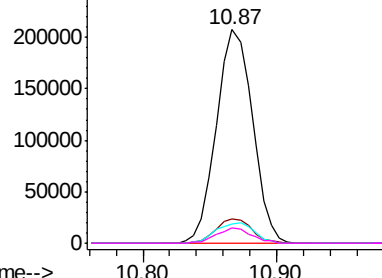
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 75.997 ng

RT: 8.88 min Scan# 986

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:105 Resp: 862450

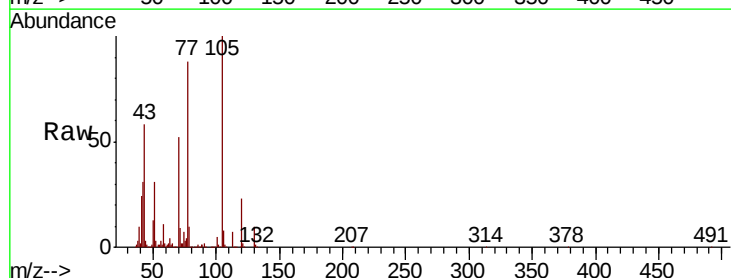
Ion Ratio Lower Upper

105 100

71 9.2 5.8 8.8#

51 31.2 23.8 35.8

120 22.5 17.3 25.9

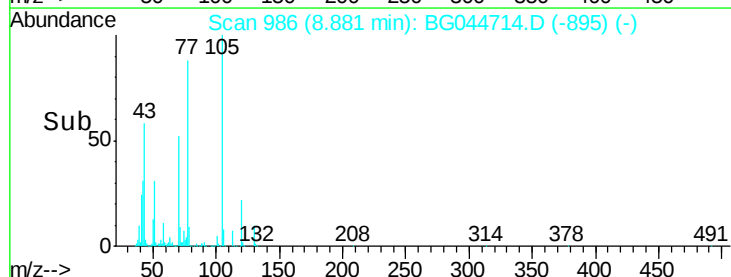


Abundance Ion 105.00 (104.70 to 105.70): E

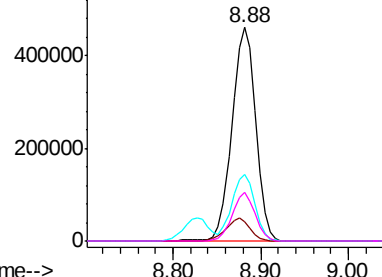
Ion 71.00 (70.70 to 71.70): BGC

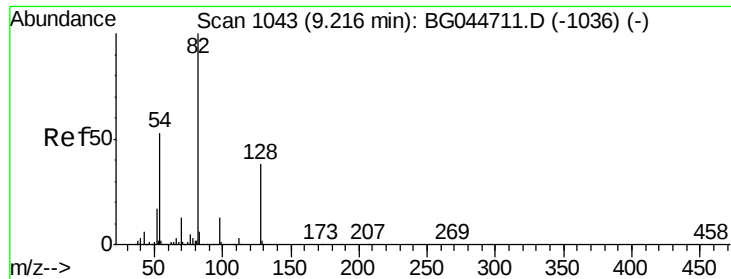
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

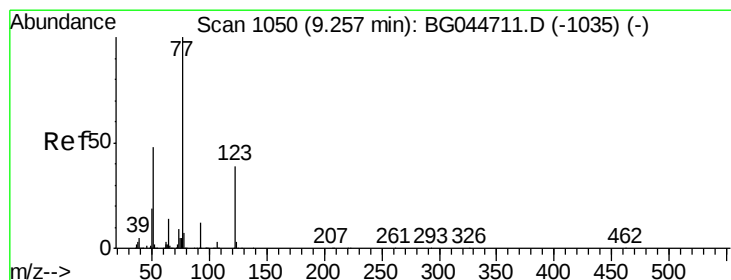
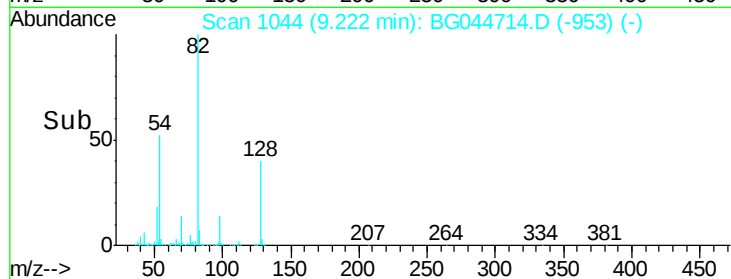
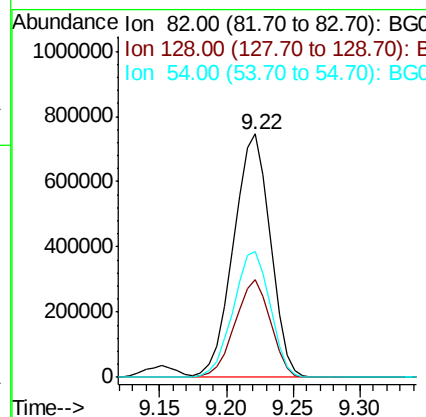
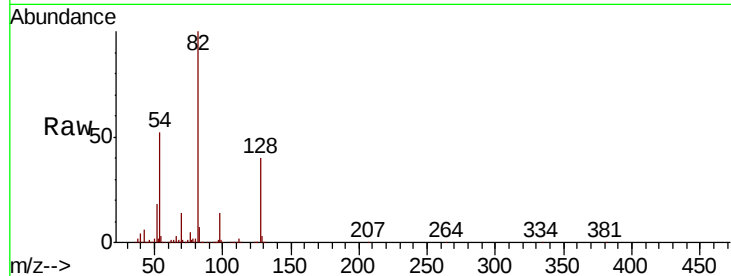




#23
 Nitrobenzene-d5
 Concen: 167.864 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

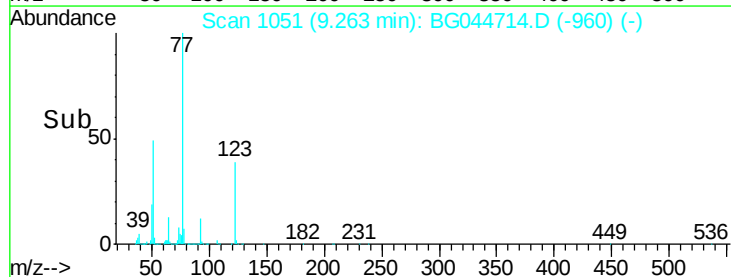
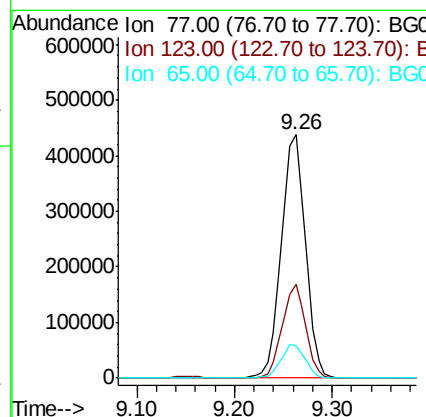
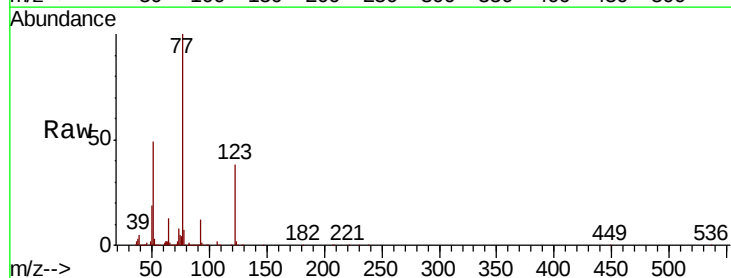
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 1433224
 Ion Ratio Lower Upper
 82 100
 128 40.0 30.2 45.2
 54 51.7 41.8 62.8



#24
 Nitrobenzene
 Concen: 83.478 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion: 77 Resp: 755675
 Ion Ratio Lower Upper
 77 100
 123 38.5 31.5 47.3
 65 13.1 11.0 16.4





#25

Isophorone

Concen: 72.243 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

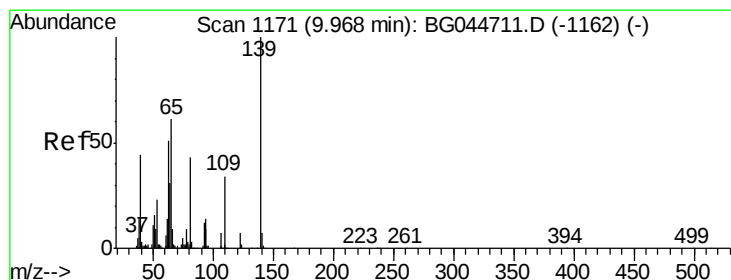
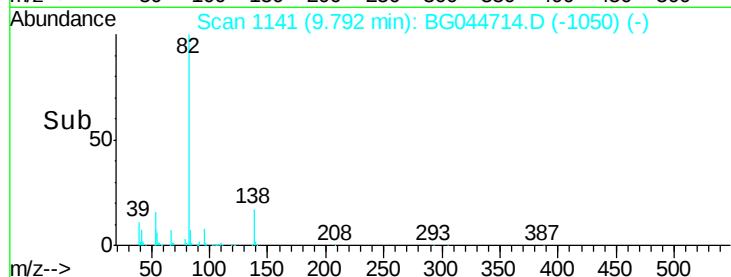
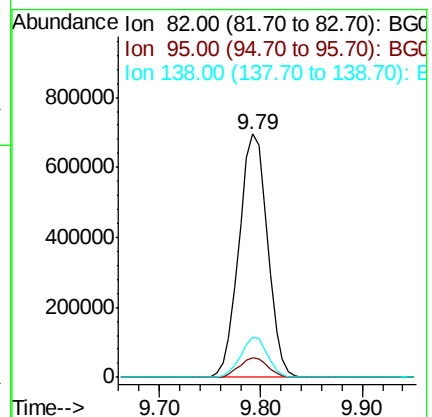
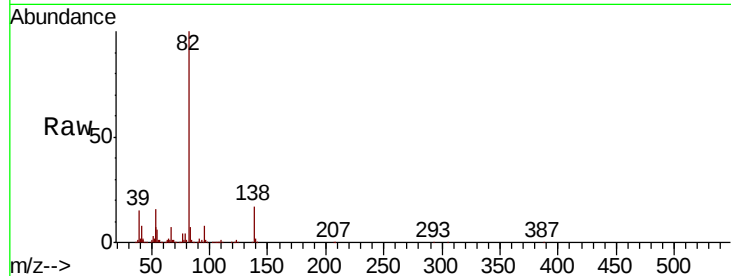
Tot Ion: 82 Resp: 1360228

Ion Ratio Lower Upper

82 100

95 8.0 5.6 8.4

138 16.7 13.0 19.4



#26

2-Nitrophenol

Concen: 90.720 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

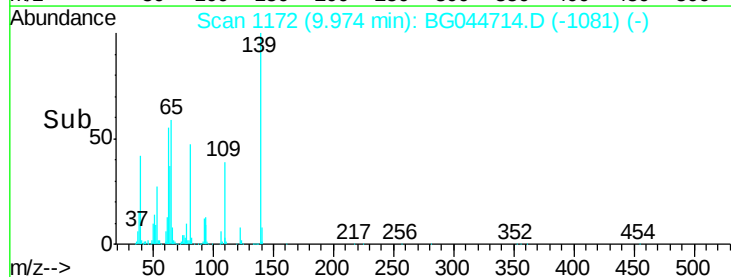
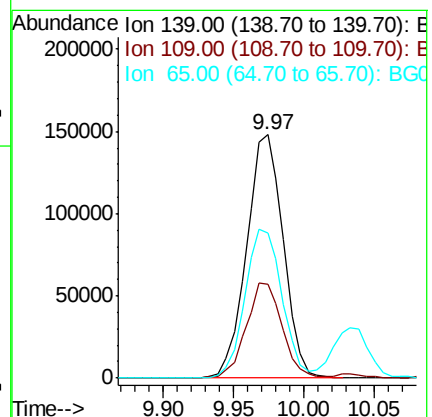
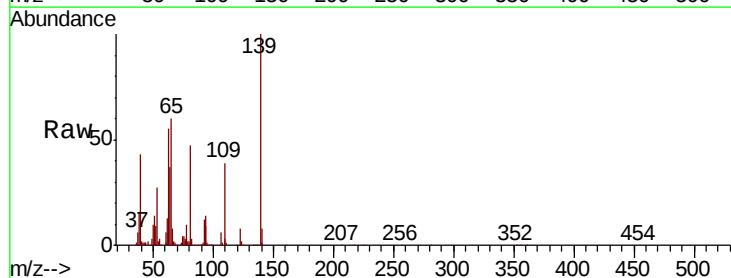
Tgt Ion: 139 Resp: 268551

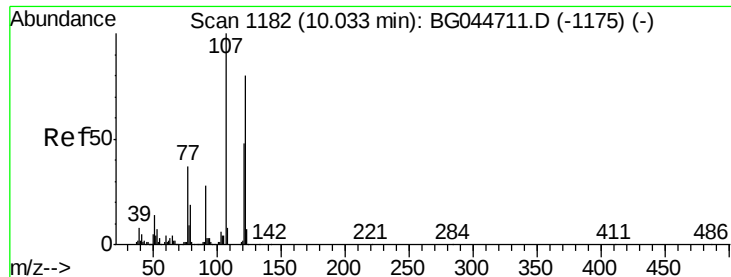
Ion Ratio Lower Upper

139 100

109 38.8 27.0 40.4

65 59.6 48.6 73.0

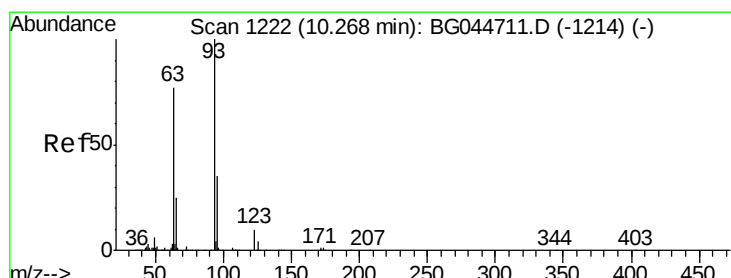
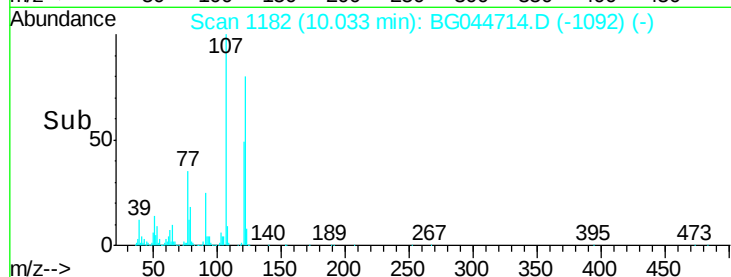
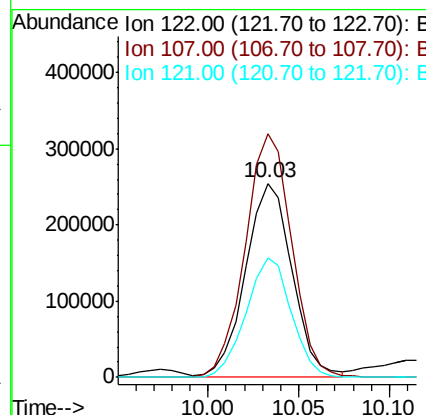
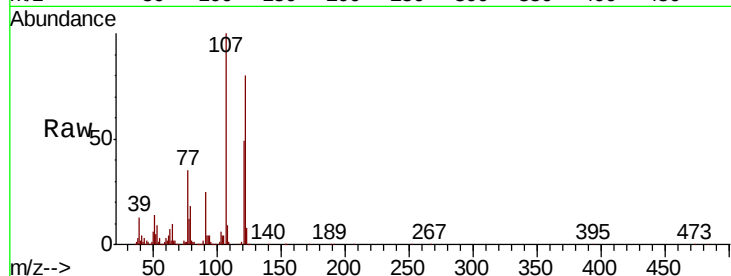




#27
 2,4-Dimethylphenol
 Concen: 77.119 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

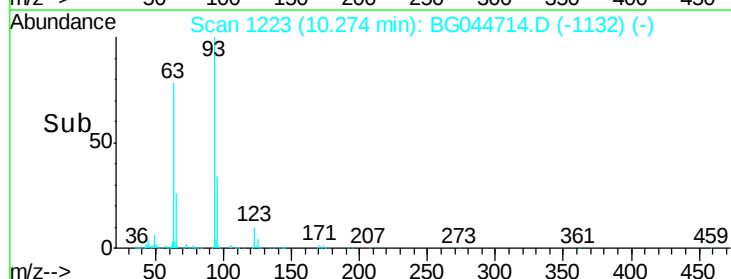
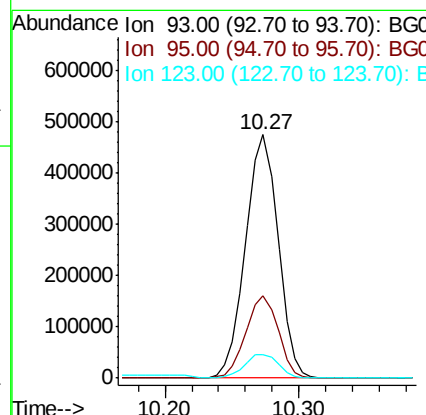
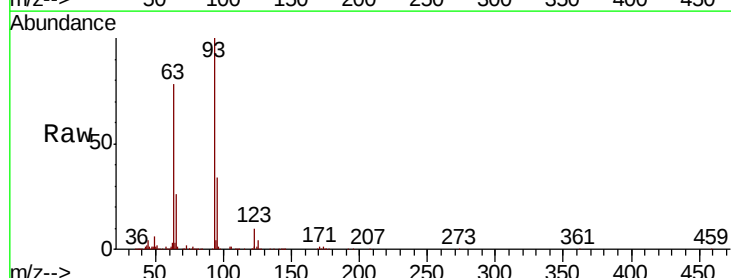
Instrument :
 BNA_G
 ClientSampleId :

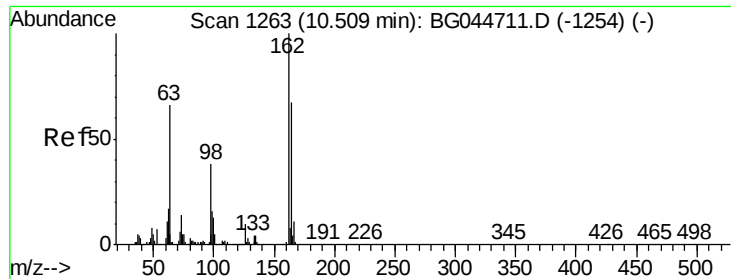
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.3	99.0	148.6
121	61.2	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 75.547 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.7	41.5
123	9.9	8.1	12.1

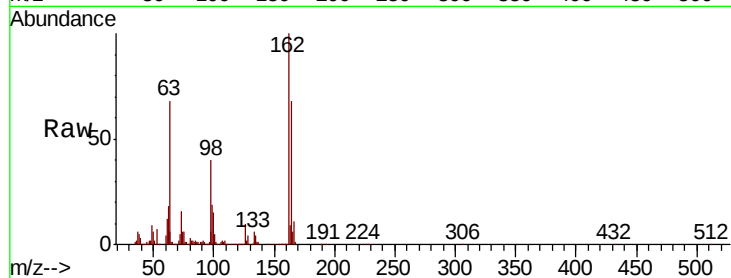




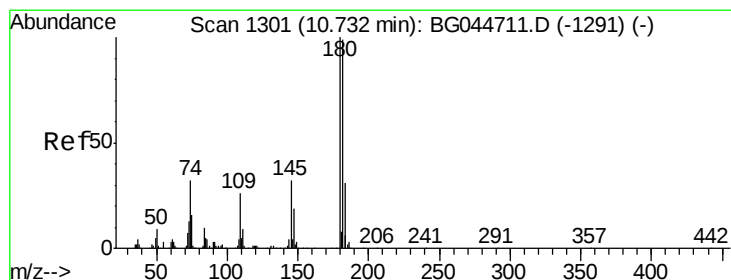
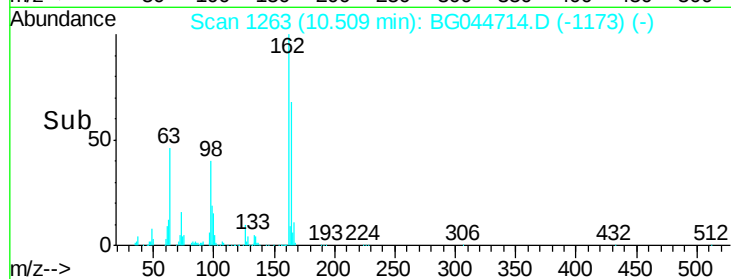
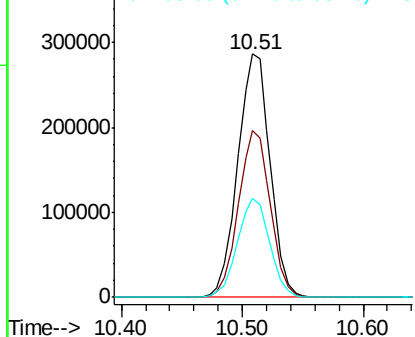
#29
 2,4-Dichlorophenol
 Concen: 79.445 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162	Resp:	533969
Ion Ratio	Lower	Upper
162	100	
164	68.5	46.5 86.5
98	40.5	18.1 58.1

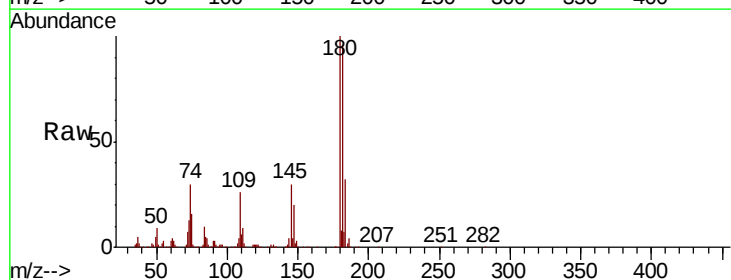


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

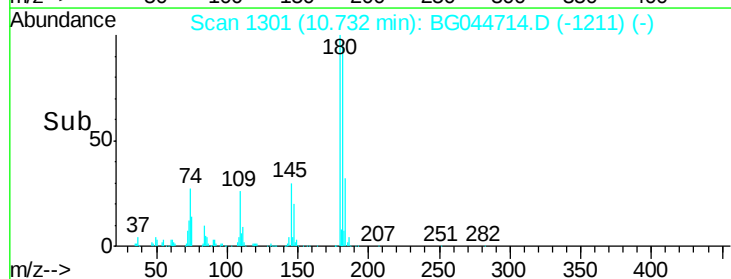
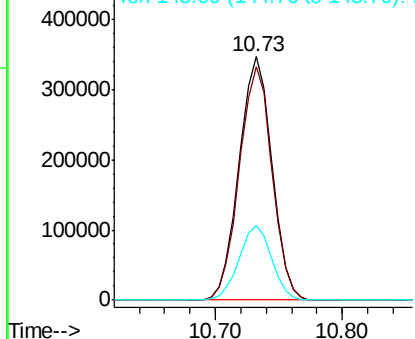


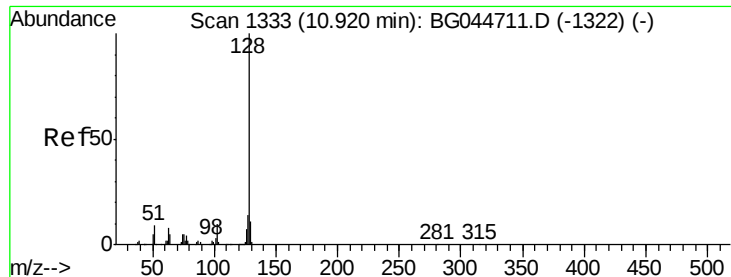
#30
 1,2,4-Trichlorobenzene
 Concen: 79.894 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion:180	Resp:	623765
Ion Ratio	Lower	Upper
180	100	
182	95.8	78.8 118.2
145	30.5	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

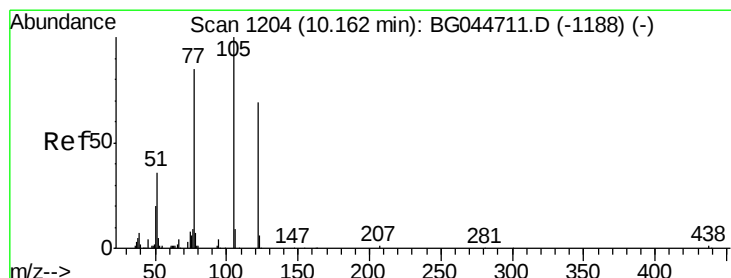
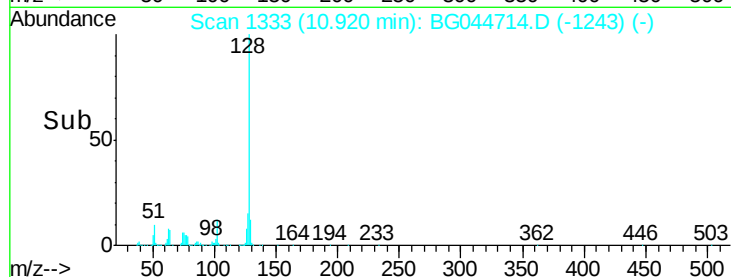
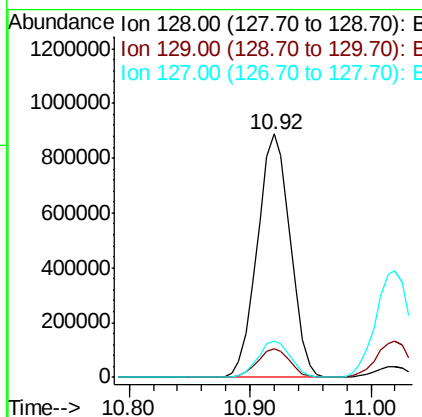
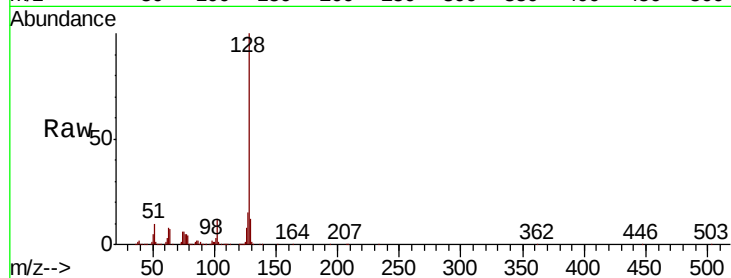




#31
Naphthalene
Concen: 76.489 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

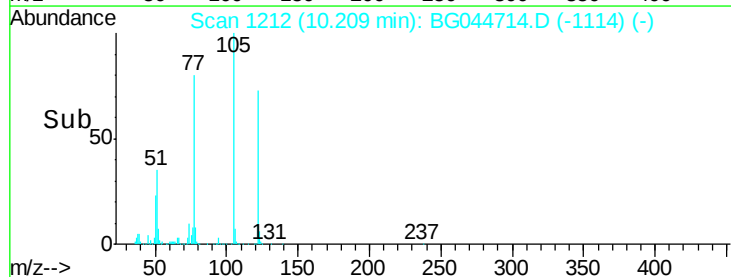
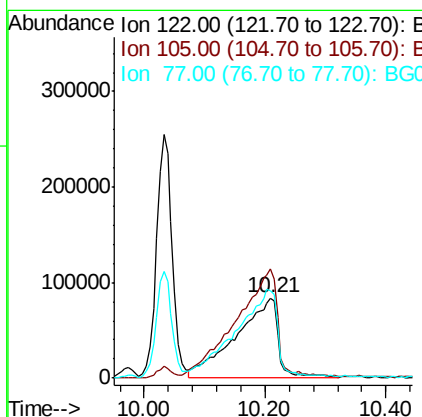
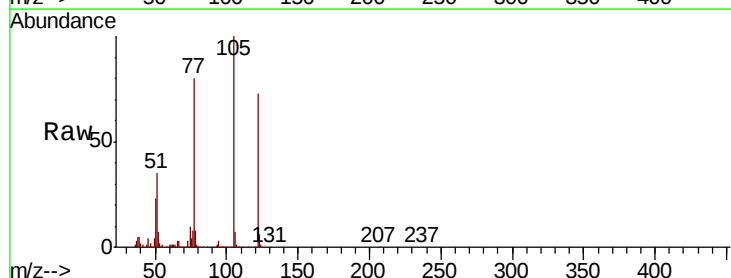
Instrument :
BNA_G
ClientSampleId :

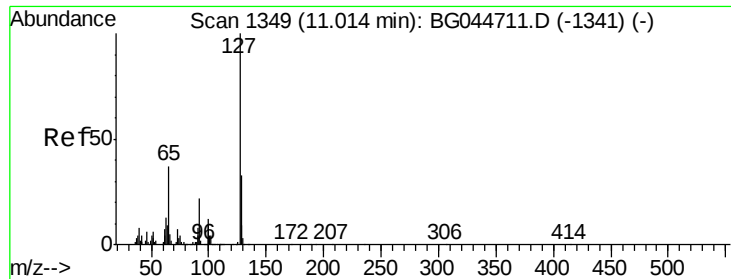
Tot Ion:128 Resp: 1668689
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 15.0 11.0 16.6



#32
Benzoic acid
Concen: 96.440 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.05 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion:122 Resp: 399531
Ion Ratio Lower Upper
122 100
105 136.6 119.0 159.0
77 109.7 96.4 136.4

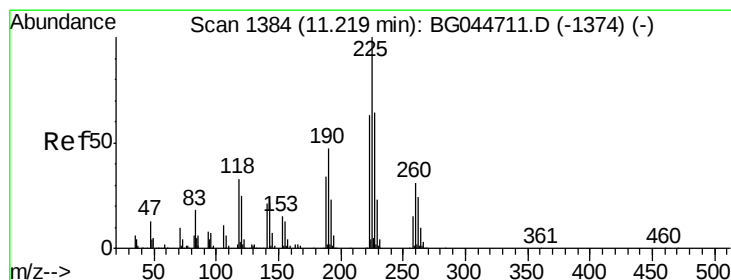
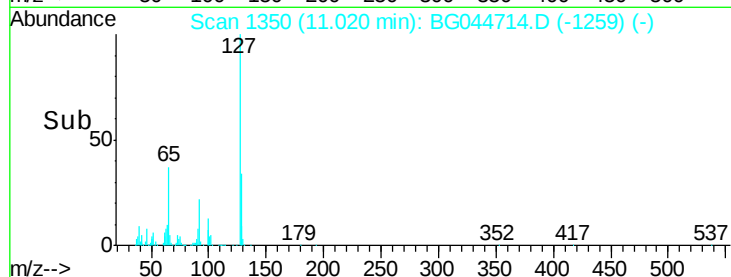
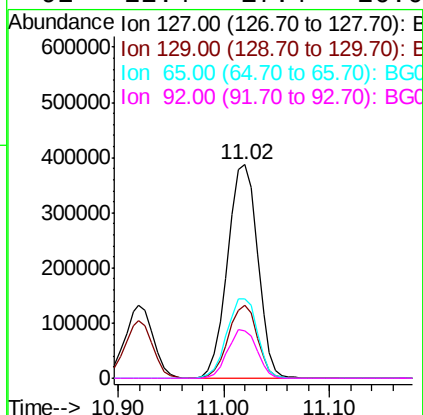
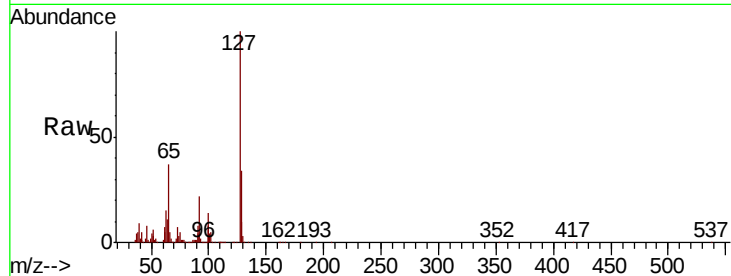




#33
4-Chloroaniline
Concen: 75.918 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

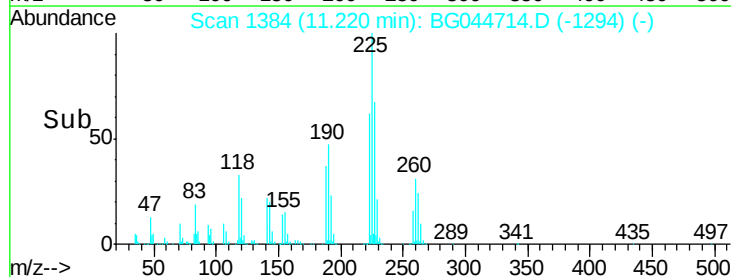
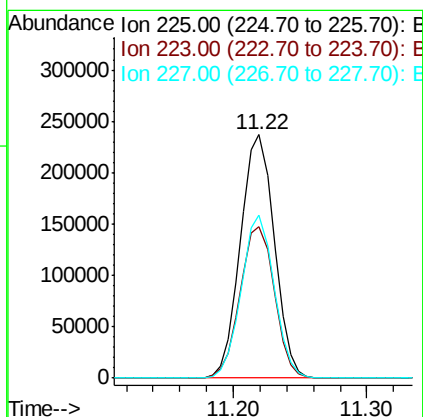
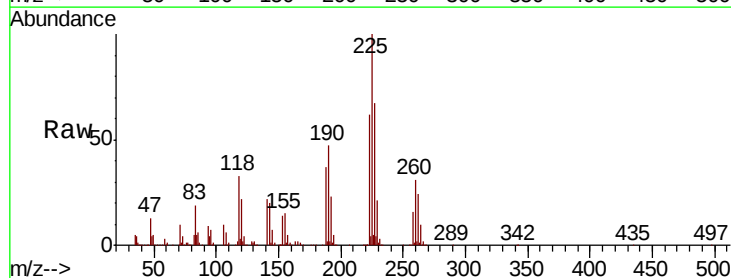
Instrument :
BNA_G
ClientSampleId :

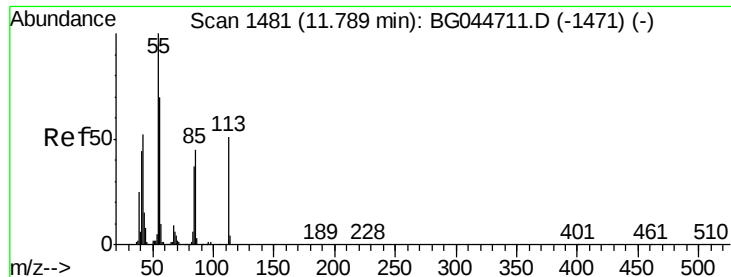
Tot Ion:	127	Resp:	762839
Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.2	39.4
65	37.4	29.6	44.4
92	22.4	17.4	26.0



#34
Hexachlorobutadiene
Concen: 77.923 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion:	225	Resp:	415653
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	66.7	51.6	77.4





#35

Caprolactam

Concen: 62.843 ng

RT: 11.81 min Scan# 1485

Delta R.T. 0.02 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampled :

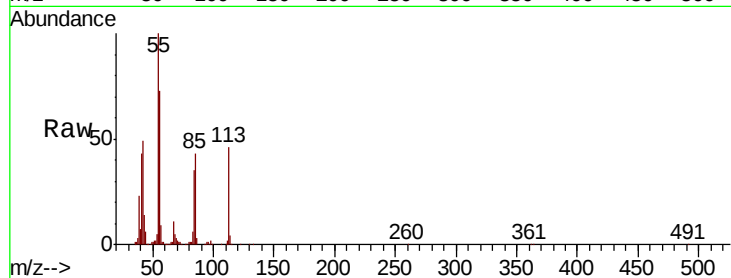
Tot Ion:113 Resp: 176321

Ion Ratio Lower Upper

113 100

55 217.4 178.4 218.4

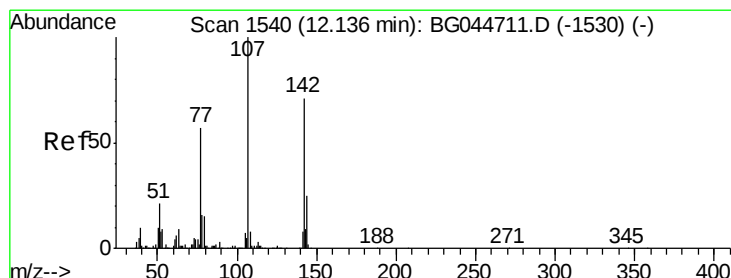
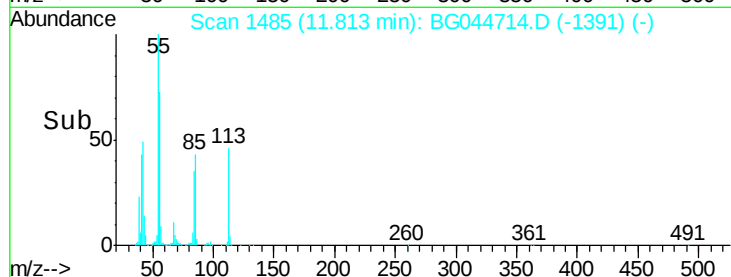
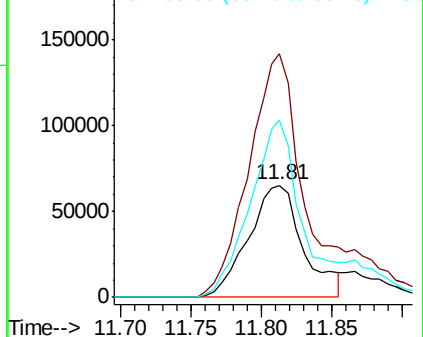
56 158.6 117.7 157.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 73.520 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

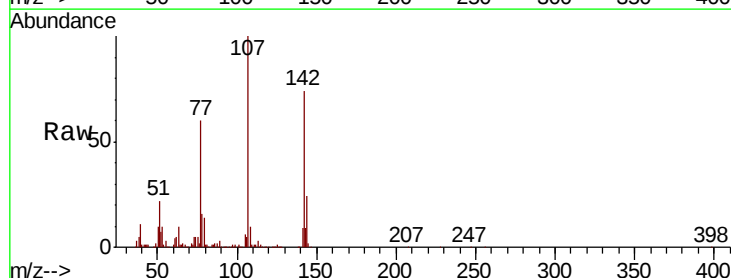
Tgt Ion:107 Resp: 625796

Ion Ratio Lower Upper

107 100

144 23.7 19.6 29.4

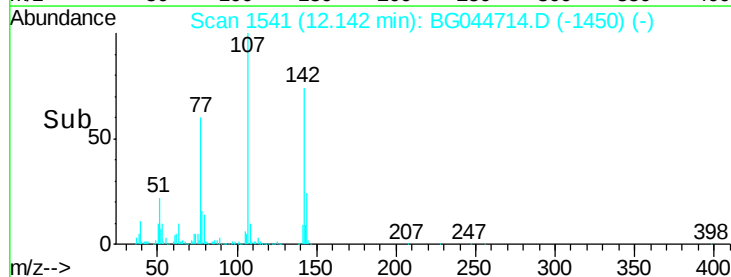
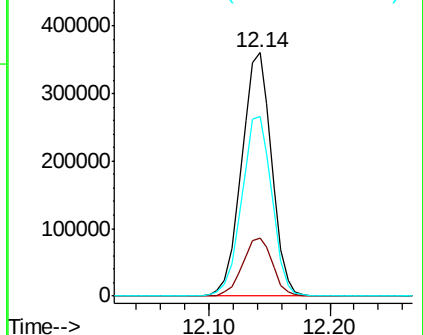
142 73.6 56.5 84.7

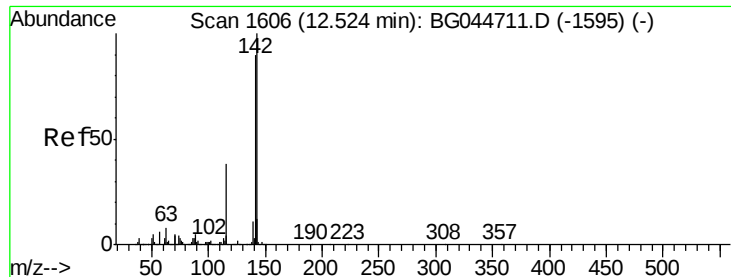


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



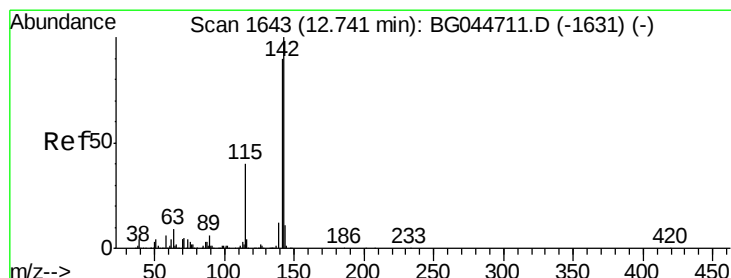
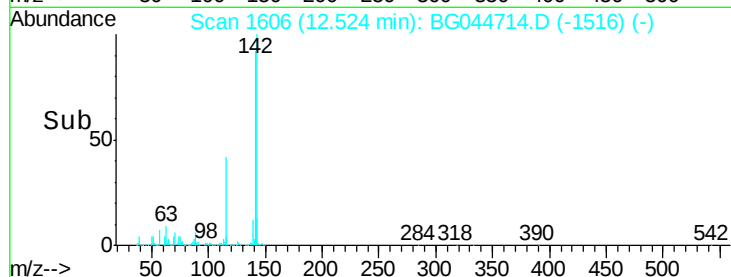
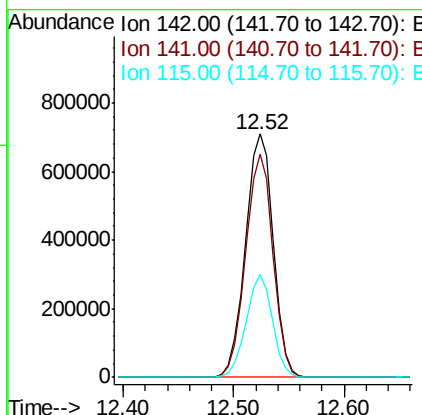
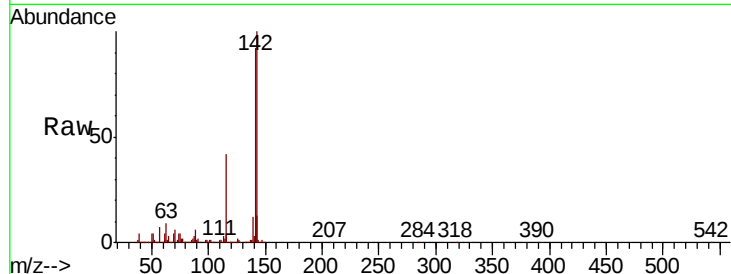


#37
 2-Methylnaphthalene
 Concen: 75.852 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 1248766

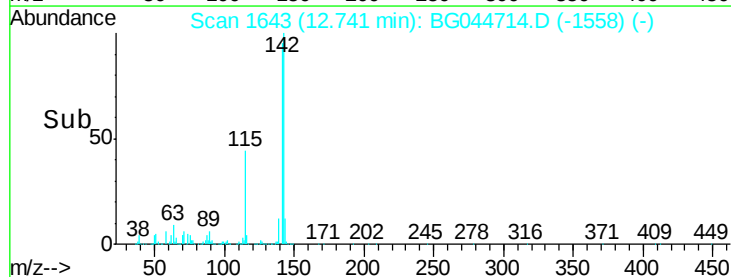
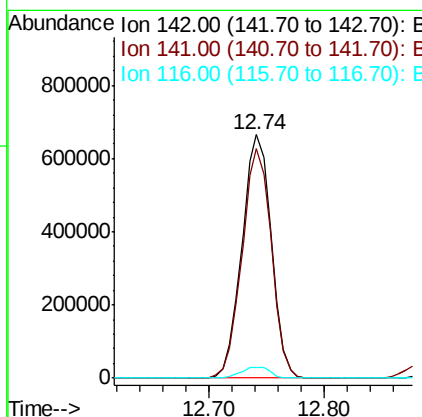
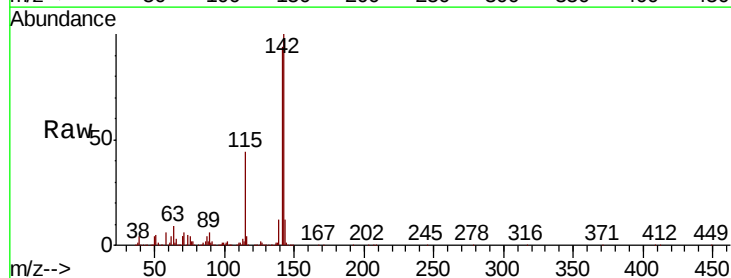
Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5
115	42.5	30.6	45.8

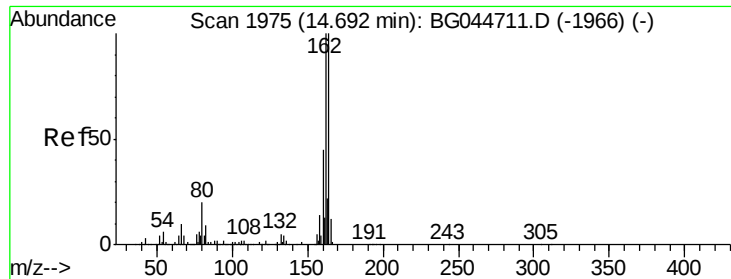


#38
 1-Methylnaphthalene
 Concen: 75.479 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion:142 Resp: 1174705

Ion	Ratio	Lower	Upper
142	100		
141	94.5	72.2	108.2
116	4.4	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: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

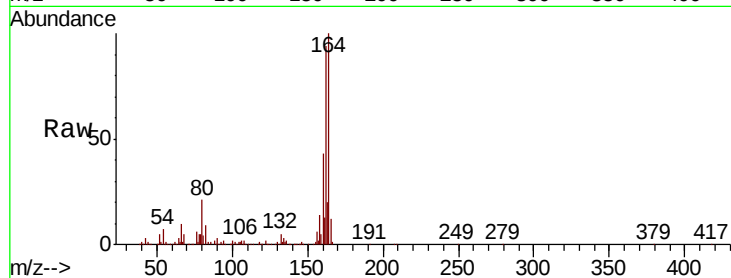
Tot Ion:164 Resp: 258600

Ion Ratio Lower Upper

164 100

162 93.8 80.2 120.4

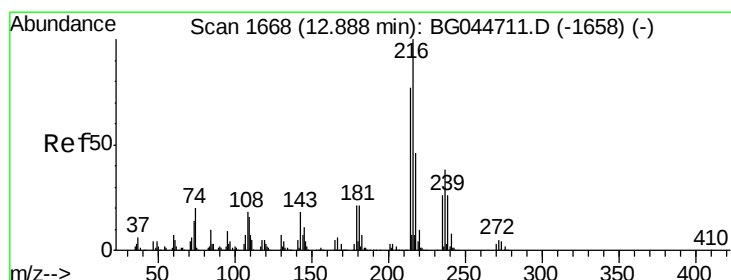
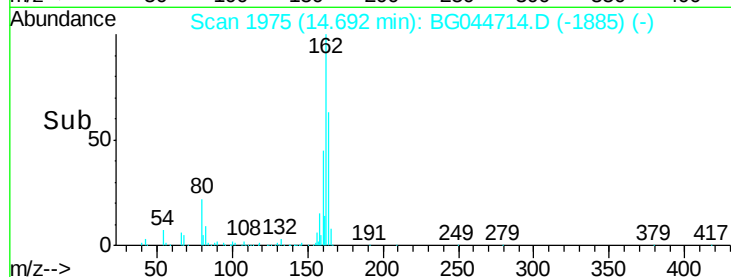
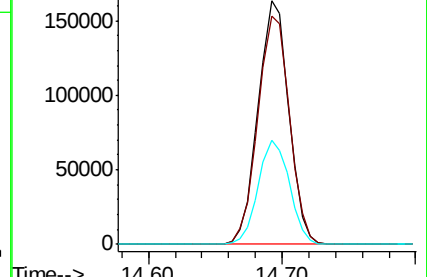
160 42.8 36.2 54.2



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: 79.733 ng

RT: 12.89 min Scan# 1669

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:216 Resp: 669357

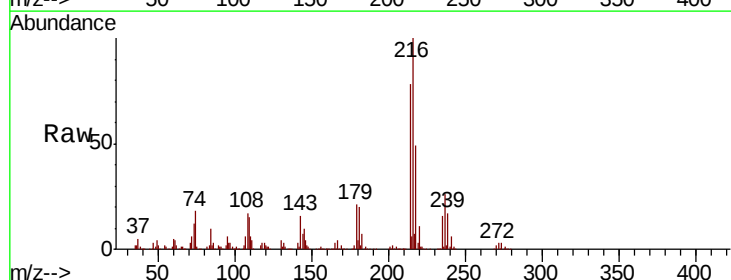
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 21.6 16.6 24.8

108 19.8 15.6 23.4

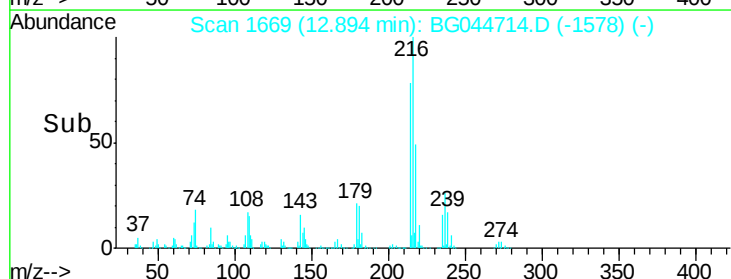
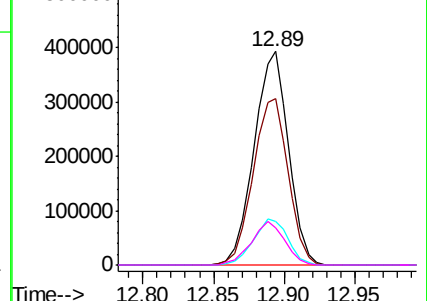


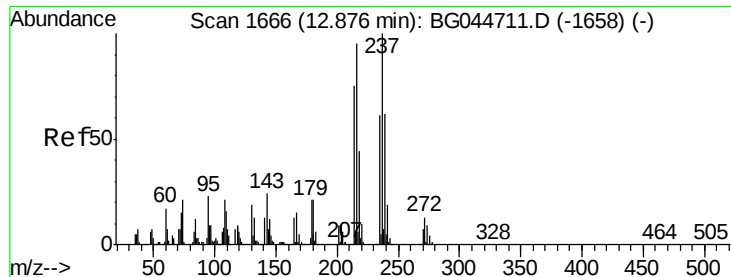
Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.341 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

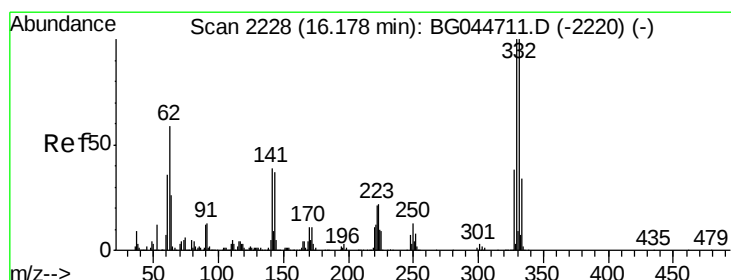
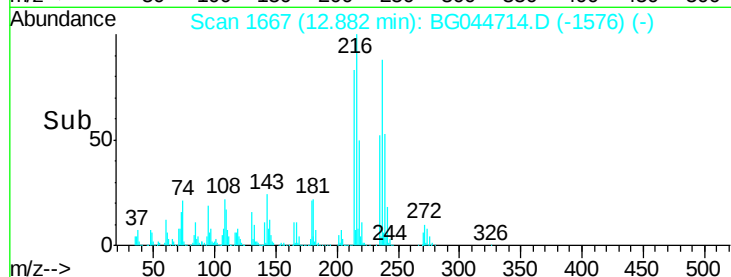
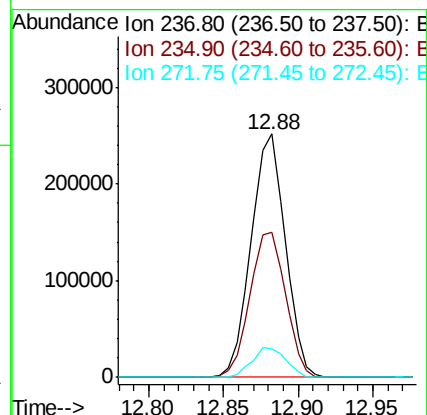
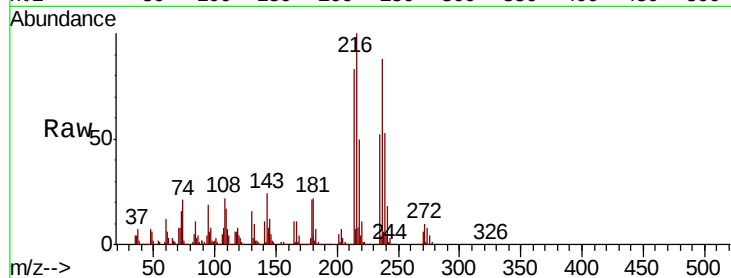
Tot Ion:237 Resp: 399308

Ion Ratio Lower Upper

237 100

235 59.4 40.6 80.6

272 11.9 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 154.445 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

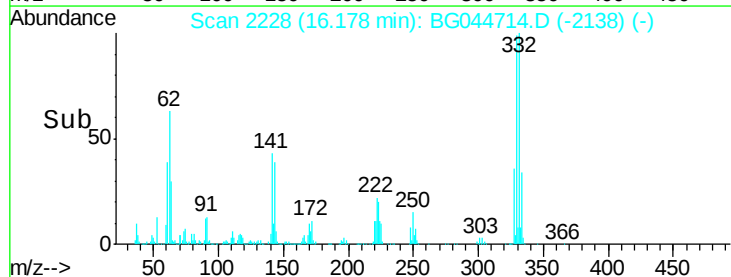
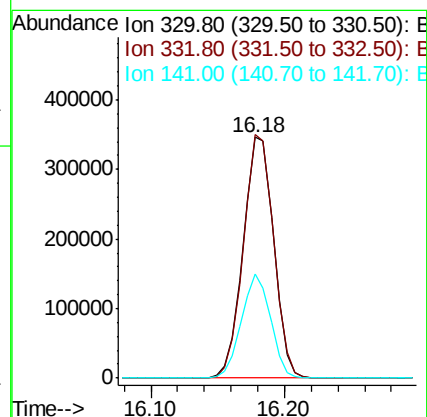
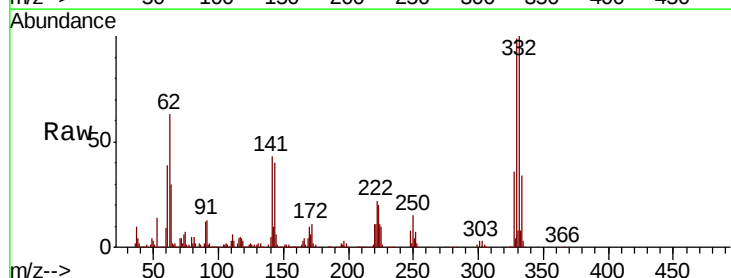
Tgt Ion:330 Resp: 548633

Ion Ratio Lower Upper

330 100

332 99.4 77.5 116.3

141 41.4 31.7 47.5

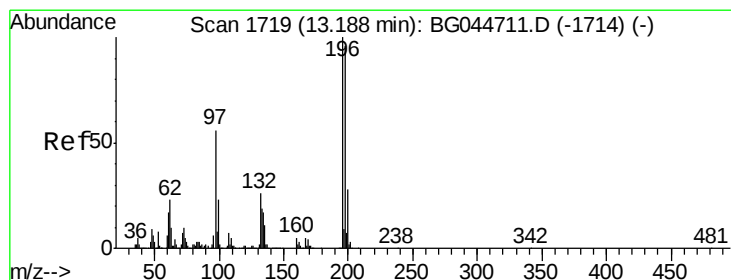
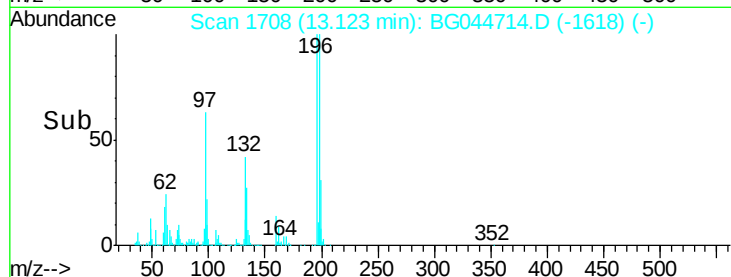
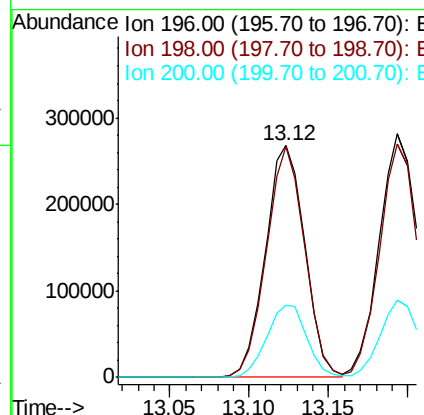
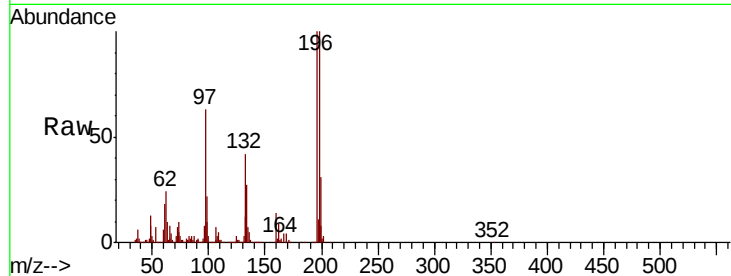




#43
 2,4,6-Trichlorophenol
 Concen: 79.524 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

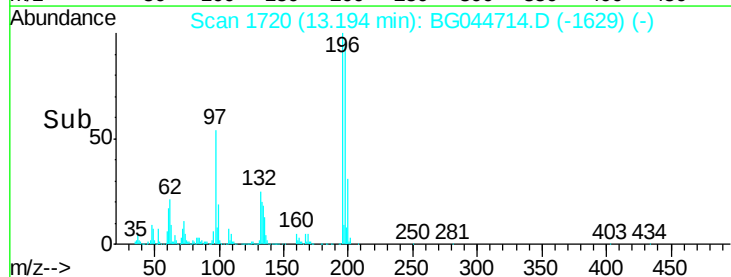
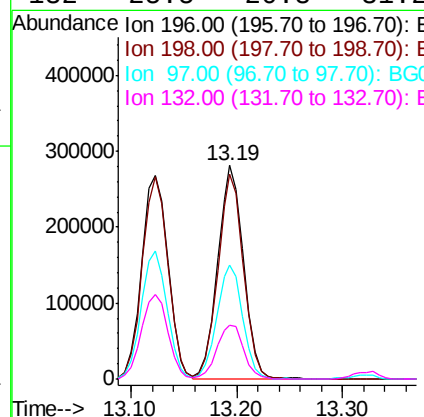
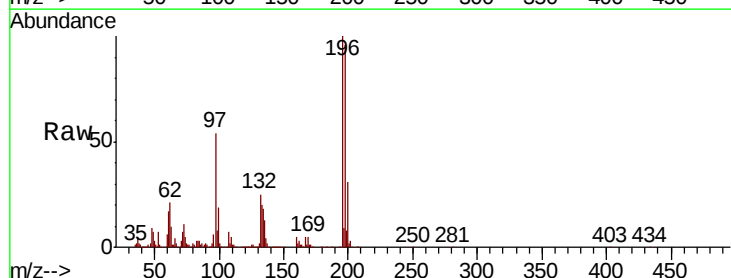
Instrument :
 BNA_G
 ClientSampleId :

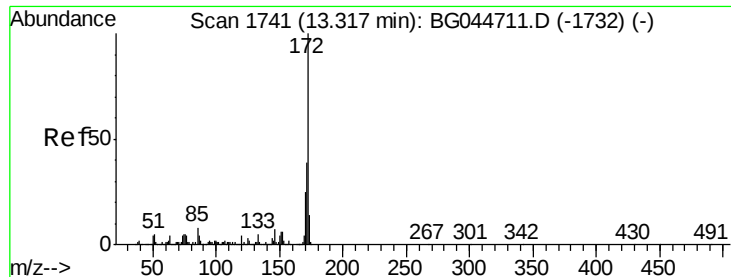
Tot Ion:196 Resp: 462821
 Ion Ratio Lower Upper
 196 100
 198 99.5 76.5 114.7
 200 31.1 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 80.016 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion:196 Resp: 477577
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.3 115.9
 97 53.6 44.9 67.3
 132 25.5 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 143.647 ng

RT: 13.32 min Scan# 1742

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

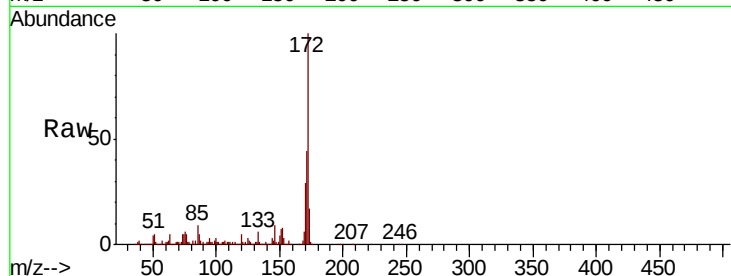
Tot Ion:172 Resp: 2666672

Ion Ratio Lower Upper

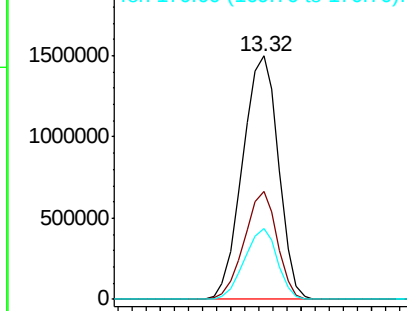
172 100

171 44.3 30.8 46.2

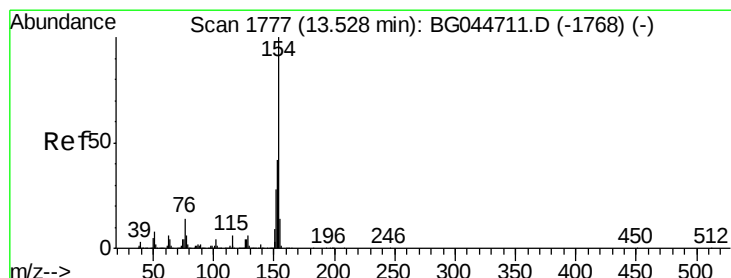
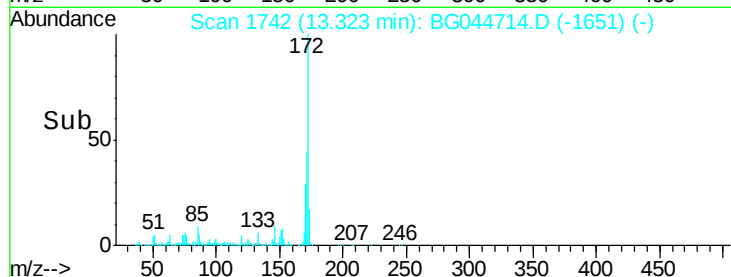
170 29.2 20.0 30.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



Time-->



#46

1,1'-Biphenyl

Concen: 77.051 ng

RT: 13.53 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

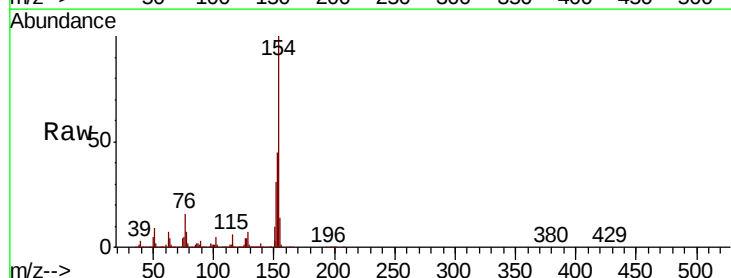
Tgt Ion:154 Resp: 1584790

Ion Ratio Lower Upper

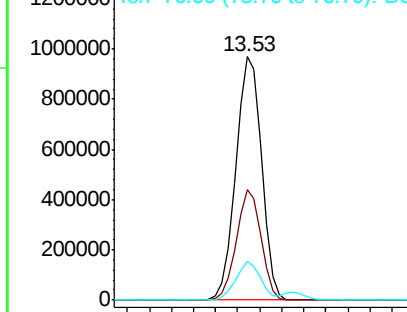
154 100

153 45.5 22.0 62.0

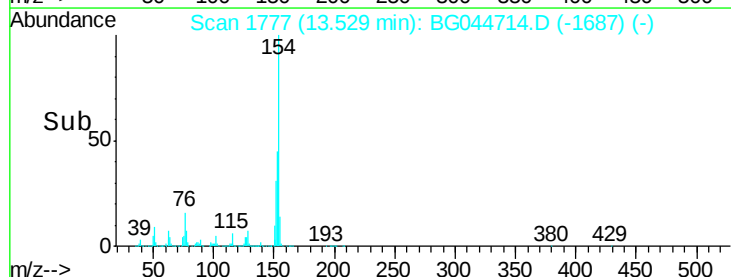
76 16.2 0.0 34.2

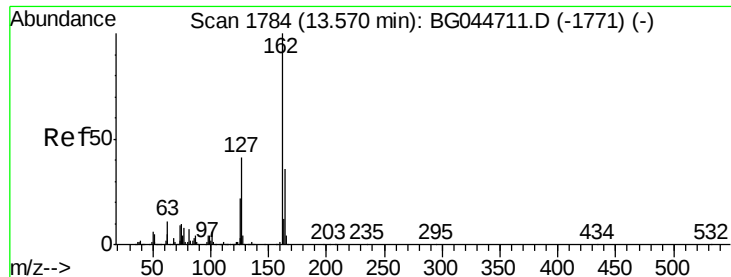


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG



Time-->

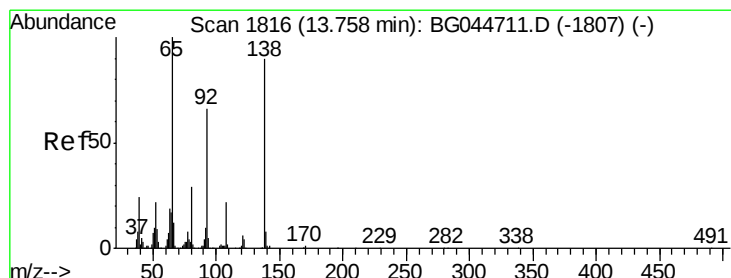
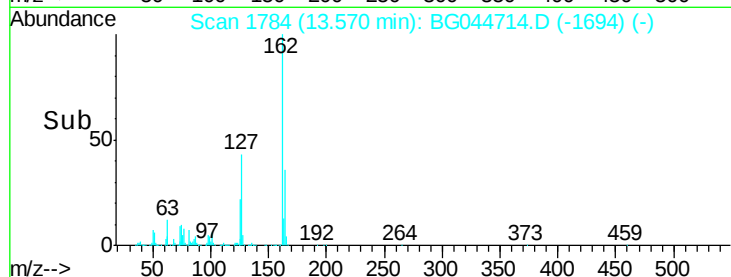
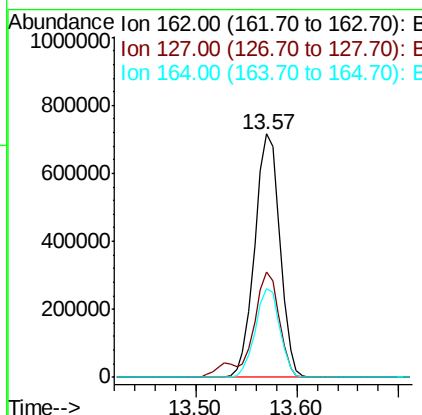
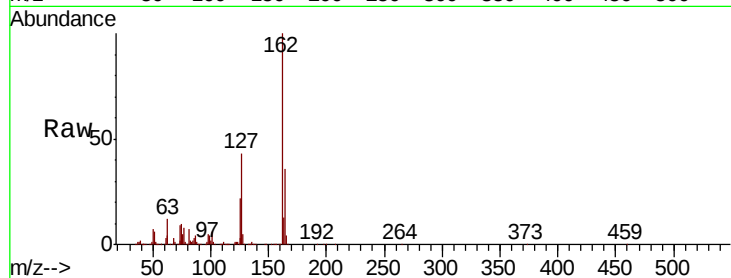




#47
 2-Chloronaphthalene
 Concen: 78.501 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

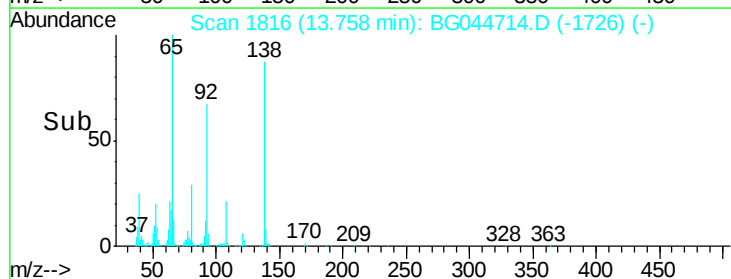
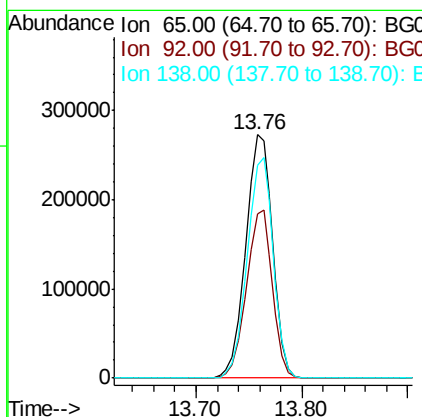
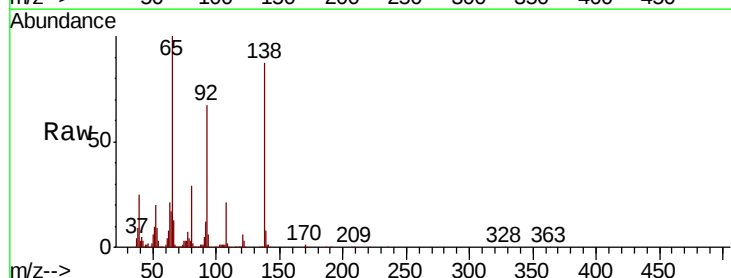
Instrument :
 BNA_G
 ClientSampled :

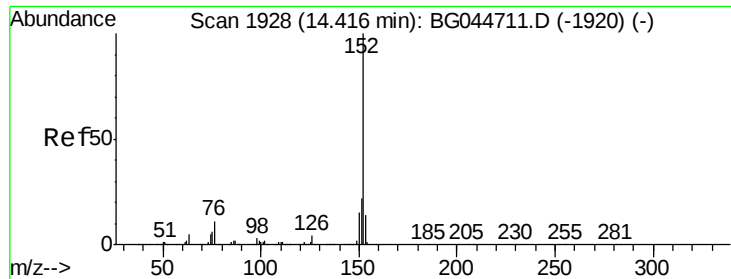
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	32.6	48.8
164	36.2	29.0	43.4



#48
 2-Nitroaniline
 Concen: 91.167 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	52.6	79.0
138	87.2	71.8	107.6





#49

Acenaphthylene

Concen: 75.348 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

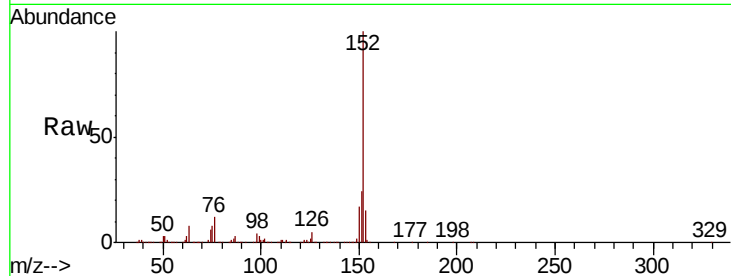
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1893934

Ion	Ratio	Lower	Upper
152	100		
151	23.6	17.8	26.8
153	15.1	11.4	17.0

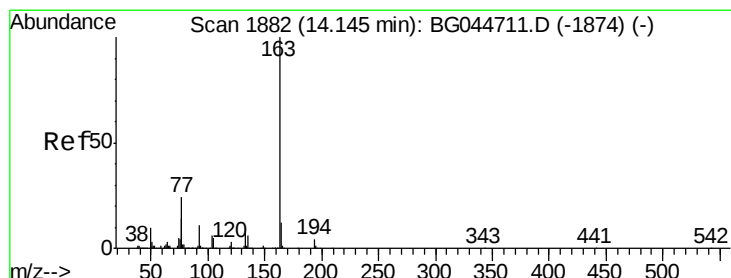
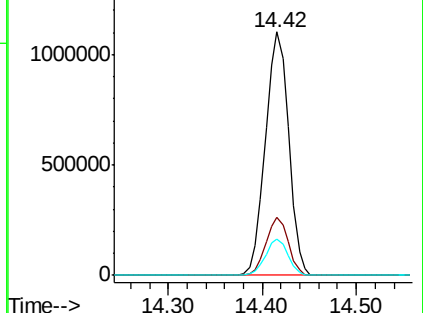
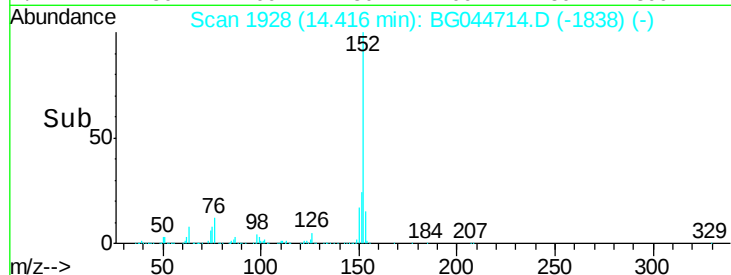


Abundance

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: 73.302 ng

RT: 14.15 min Scan# 1883

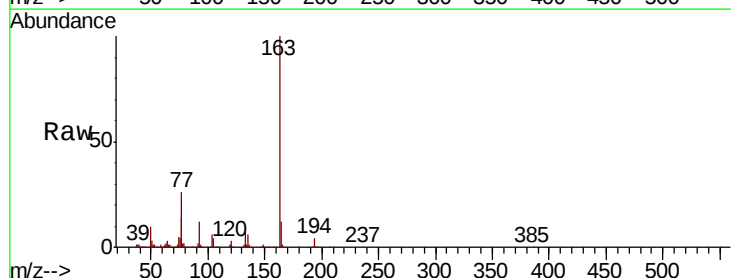
Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:163 Resp: 1575903

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	11.8	9.2	13.8

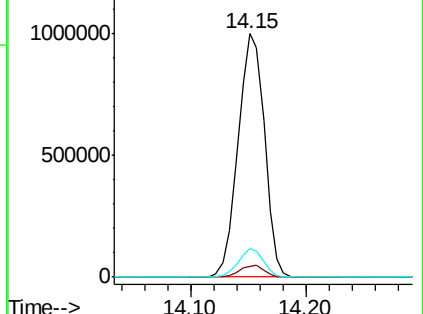
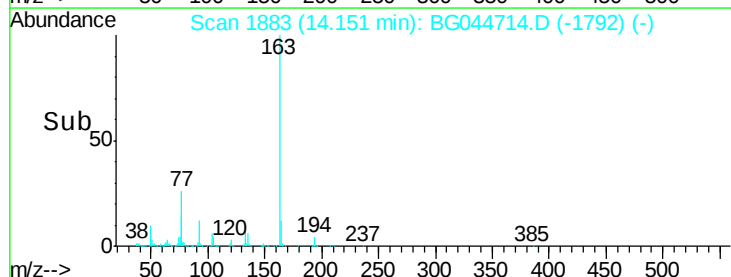


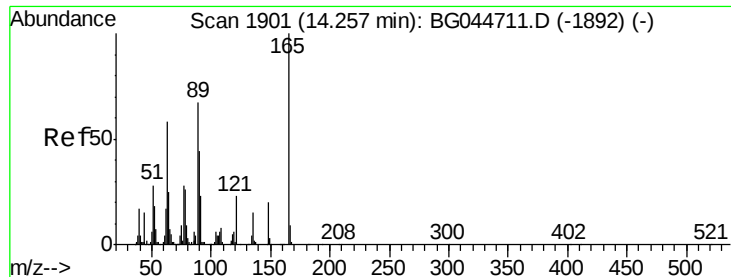
Abundance

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

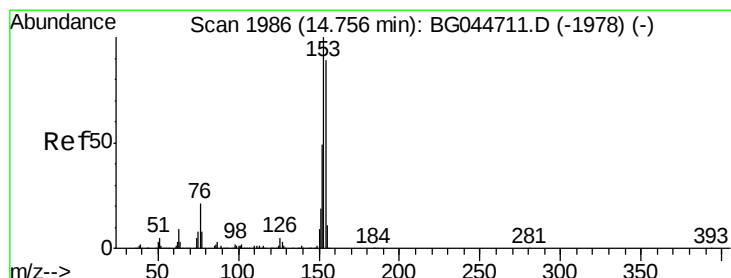
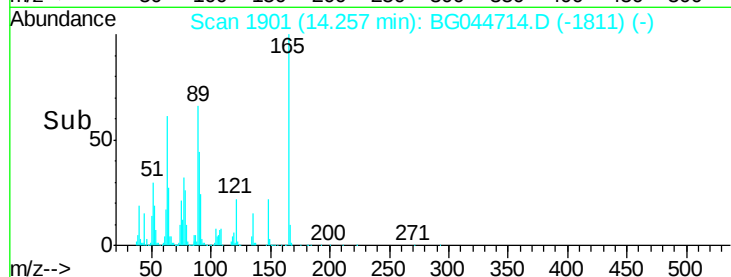
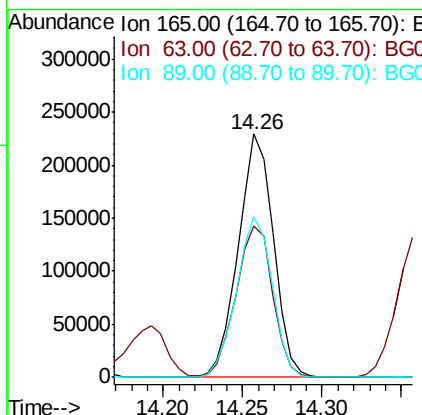
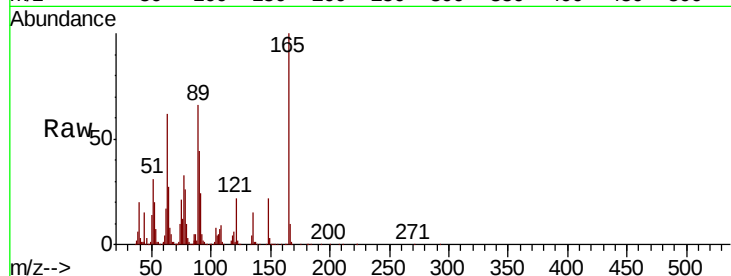




#51
2,6-Dinitrotoluene
Concen: 91.272 ng
RT: 14.26 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

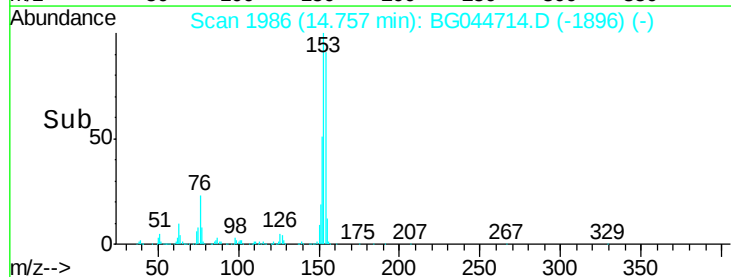
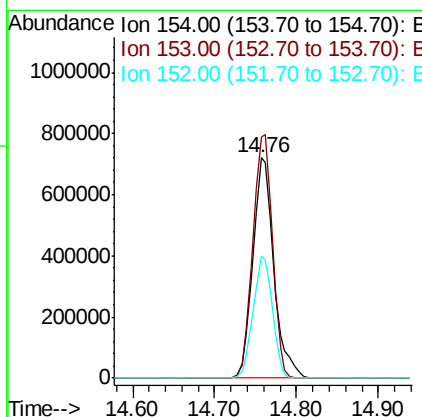
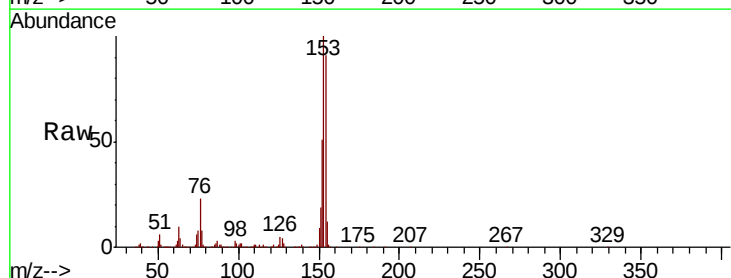
Instrument :
BNA_G
ClientSampleId :

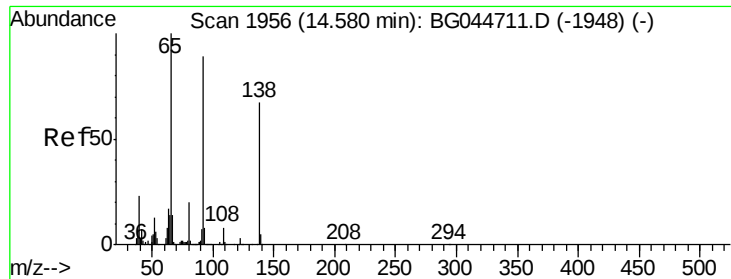
Tot Ion:165 Resp: 352591
Ion Ratio Lower Upper
165 100
63 62.2 48.9 73.3
89 65.7 53.8 80.8



#52
Acenaphthene
Concen: 78.931 ng
RT: 14.76 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion:154 Resp: 1282851
Ion Ratio Lower Upper
154 100
153 109.7 89.8 134.8
152 55.5 44.4 66.6

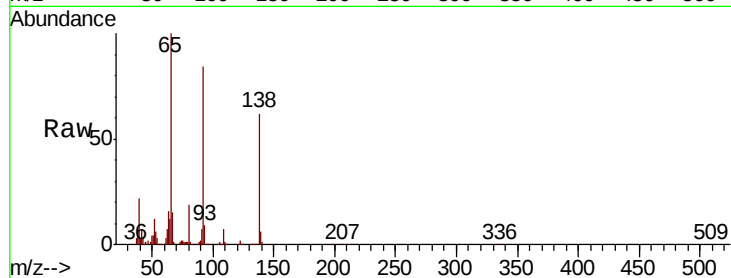




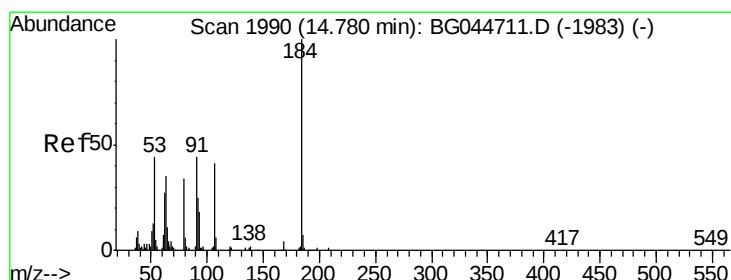
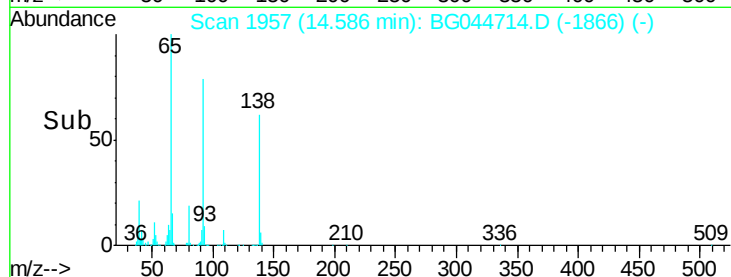
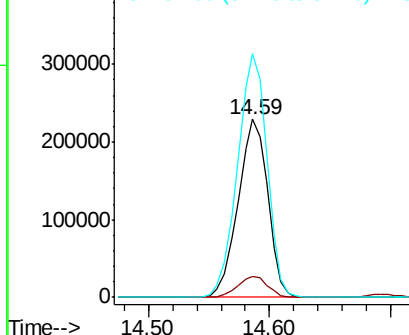
#53
3-Nitroaniline
Concen: 88.235 ng
RT: 14.59 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 392817
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 136.9 105.6 158.4

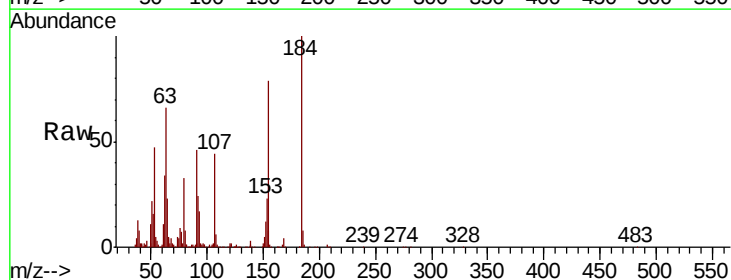


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

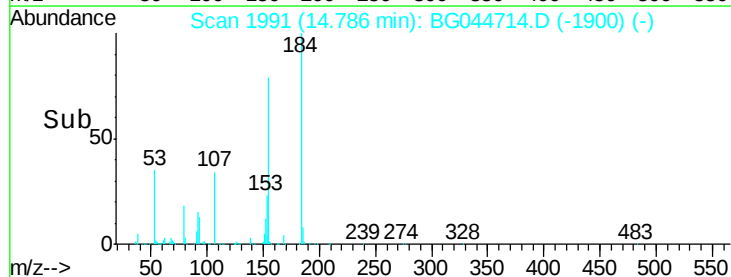
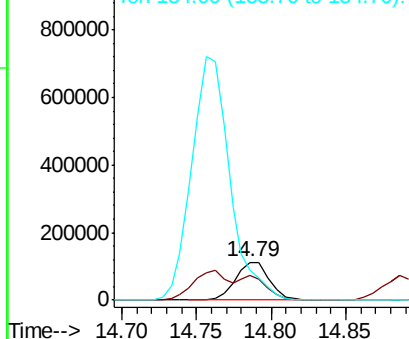


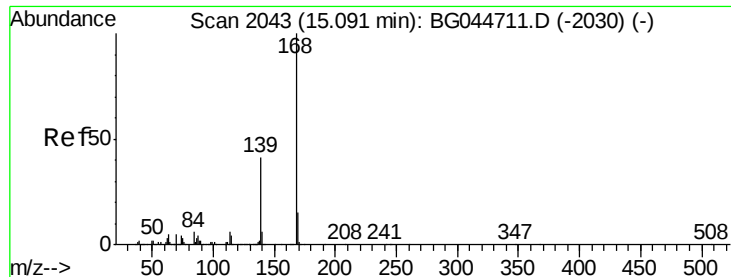
#54
2,4-Dinitrophenol
Concen: 98.757 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion:184 Resp: 177134
Ion Ratio Lower Upper
184 100
63 66.4 49.0 73.6
154 78.6 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

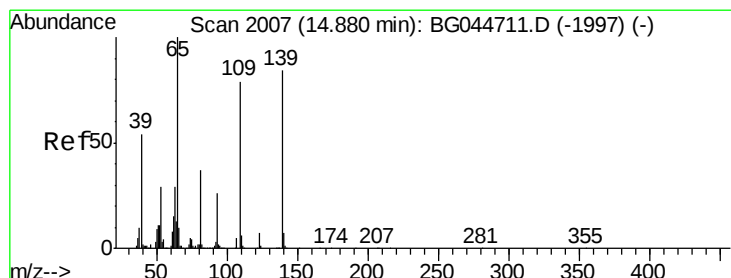
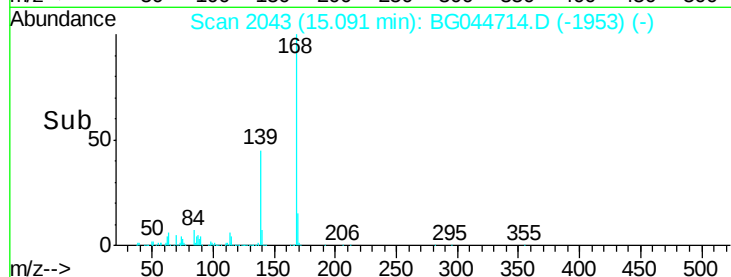
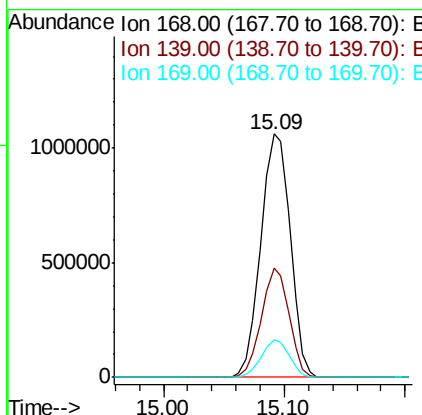
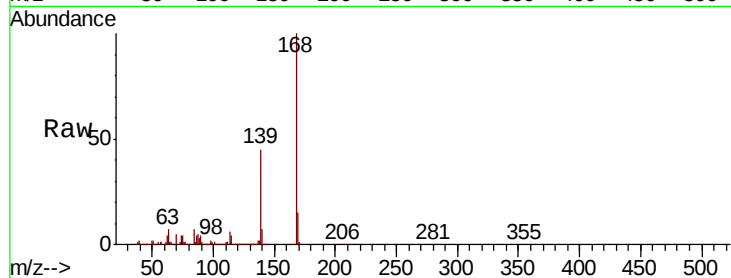




#55
Dibenzenofuran
Concen: 73.652 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

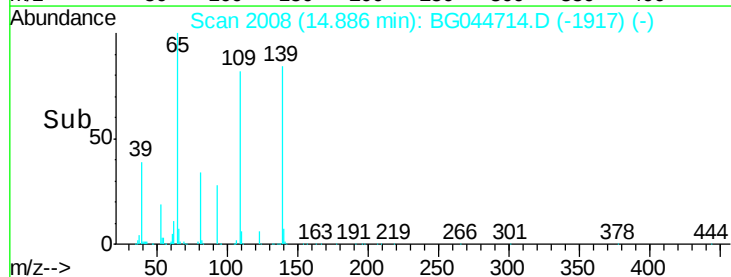
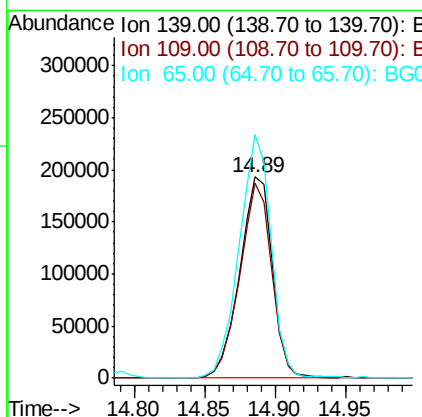
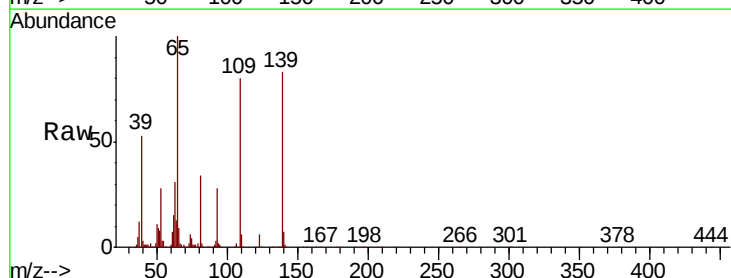
Instrument :
BNA_G
ClientSampleId :

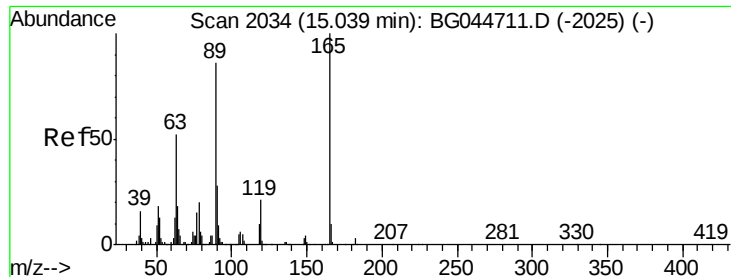
Tot Ion:168 Resp: 1793677
Ion Ratio Lower Upper
168 100
139 45.1 32.6 49.0
169 15.3 11.8 17.6



#56
4-Nitrophenol
Concen: 90.292 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion:139 Resp: 312763
Ion Ratio Lower Upper
139 100
109 97.3 74.1 114.1
65 121.1 98.6 138.6

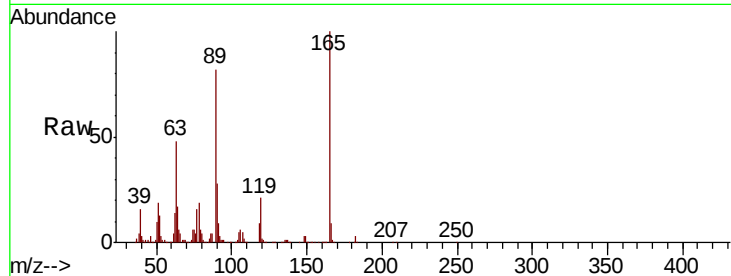




#57
 2,4-Dinitrotoluene
 Concen: 95.384 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	41.5	62.3
89	82.3	69.0	103.4
182	3.1	2.7	4.1



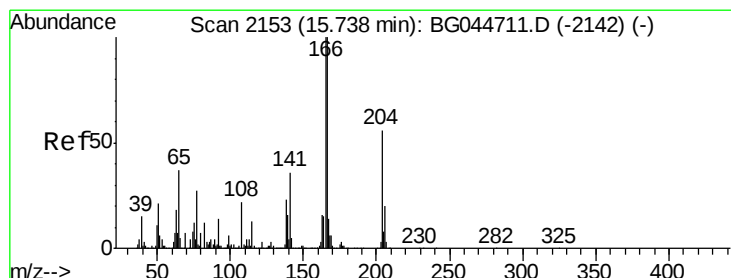
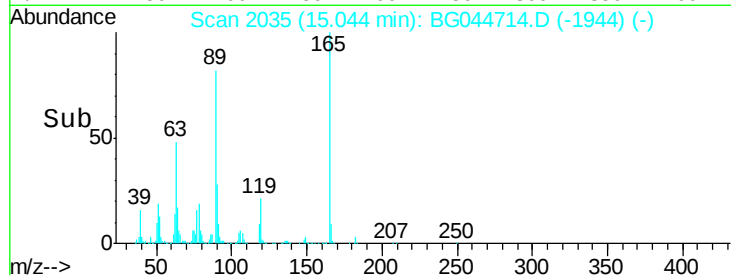
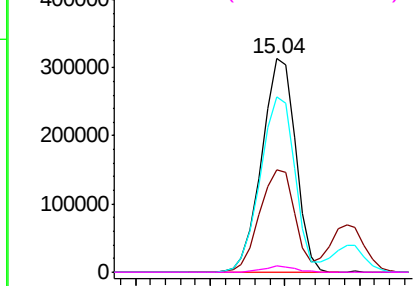
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

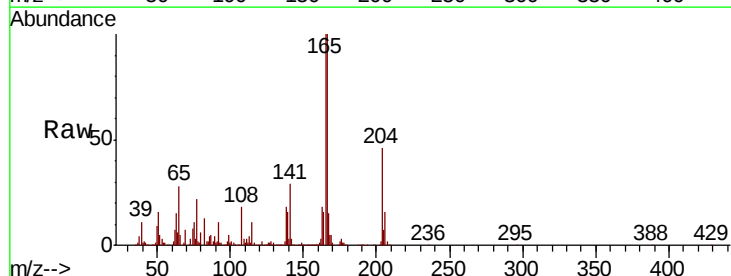
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 72.733 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: BG044714.D
 Acq: 10 Mar 2020 14:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.6	119.4
167	14.9	11.4	17.2

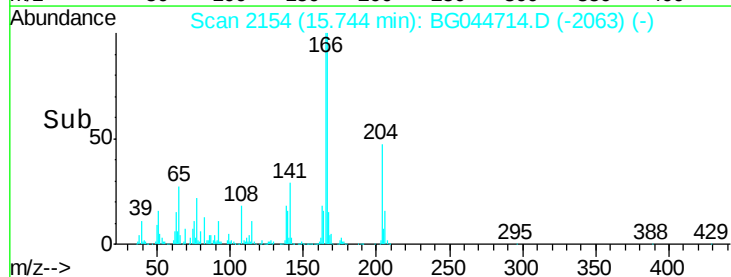
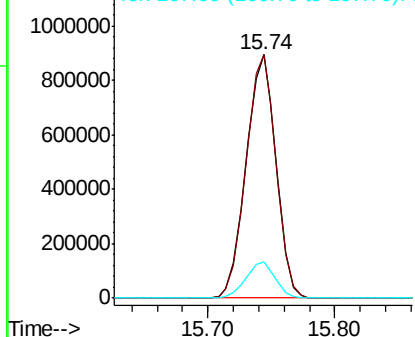


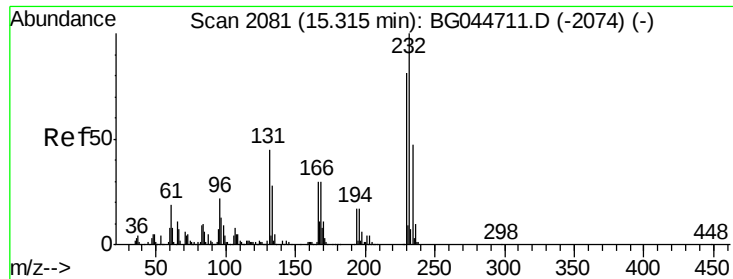
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 79.876 ng

RT: 15.23 min Scan# 2067

Delta R.T. -0.08 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 453738

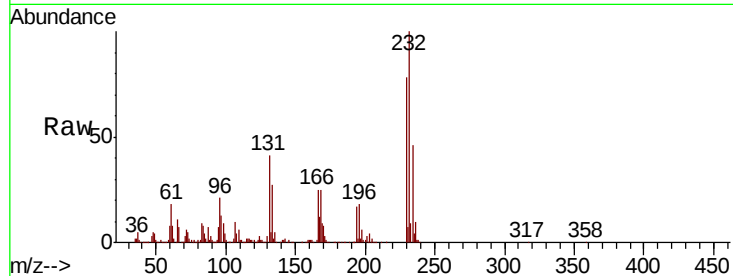
Ion Ratio Lower Upper

232 100

131 39.9 32.4 48.6

130 2.6 2.0 3.0

166 25.6 20.5 30.7

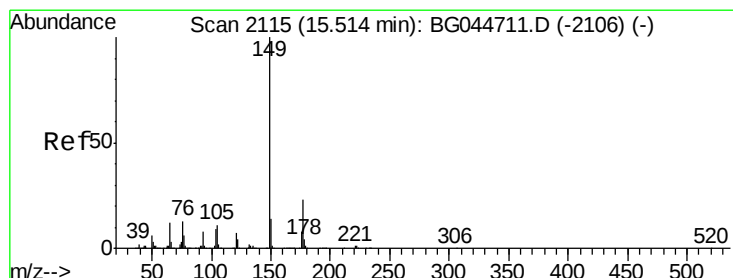
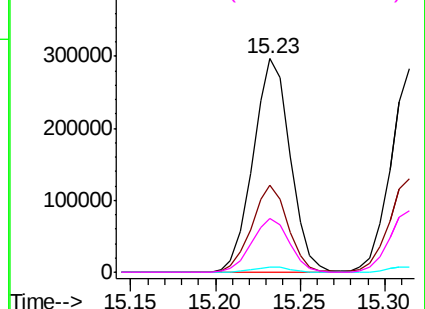
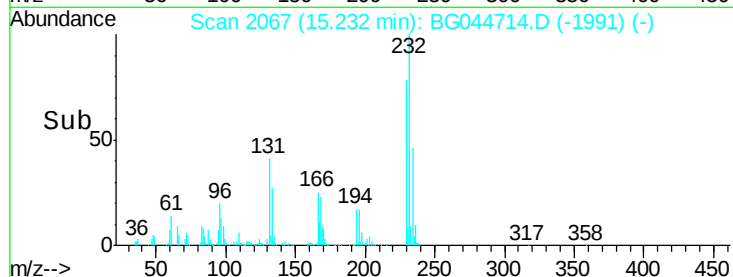


Abundance Ion 232.00 (231.70 to 232.70): E

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: 72.165 ng

RT: 15.52 min Scan# 2116

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

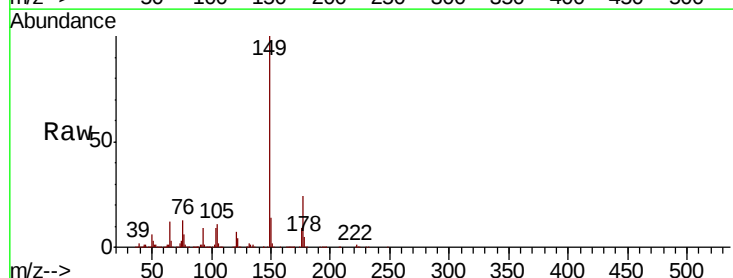
Tgt Ion:149 Resp: 1658719

Ion Ratio Lower Upper

149 100

177 24.3 18.8 28.2

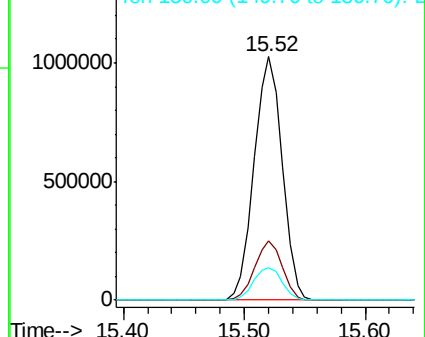
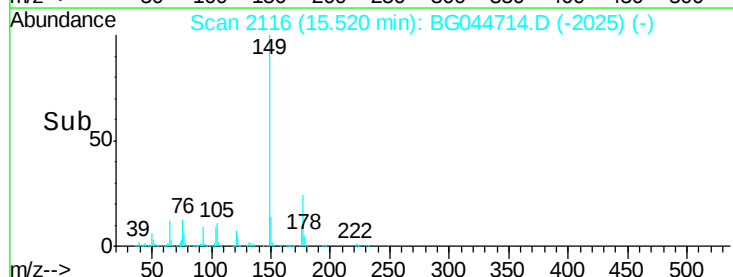
150 13.6 11.2 16.8

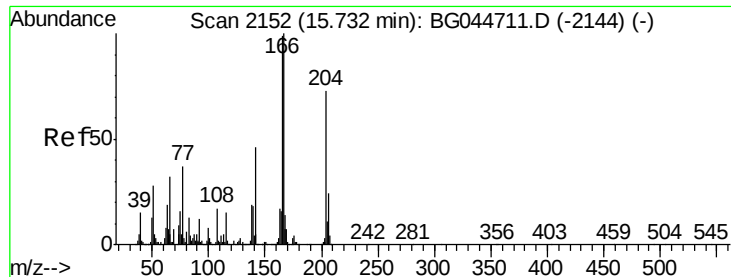


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 74.190 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

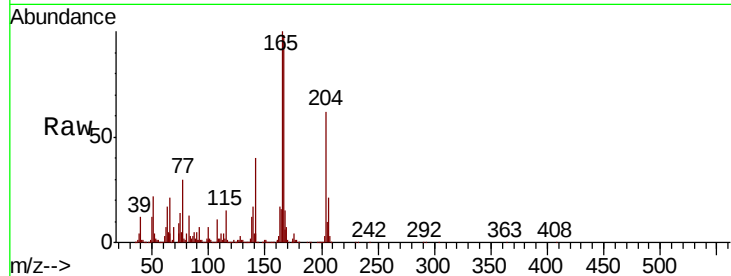
Tot Ion:204 Resp: 810882

Ion Ratio Lower Upper

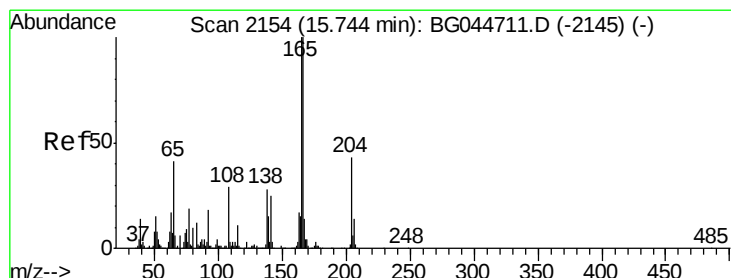
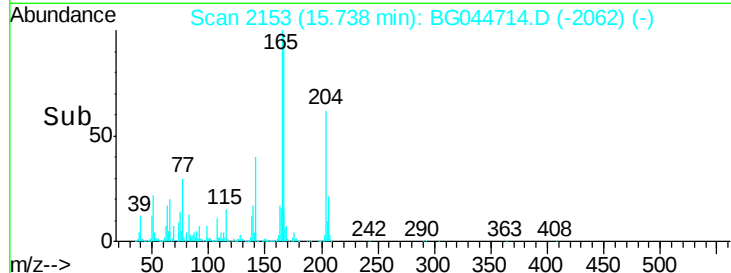
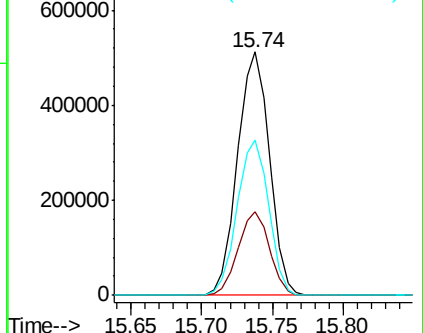
204 100

206 34.4 25.8 38.6

141 63.9 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: 84.772 ng

RT: 15.76 min Scan# 2156

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

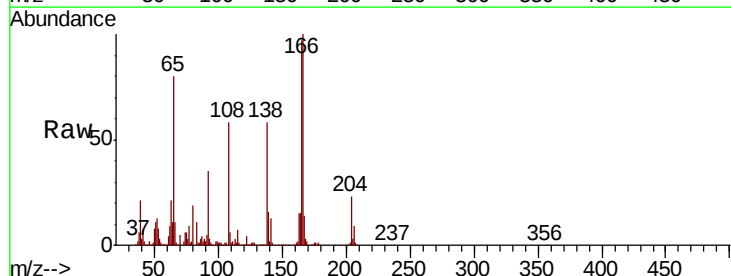
Tgt Ion:138 Resp: 415685

Ion Ratio Lower Upper

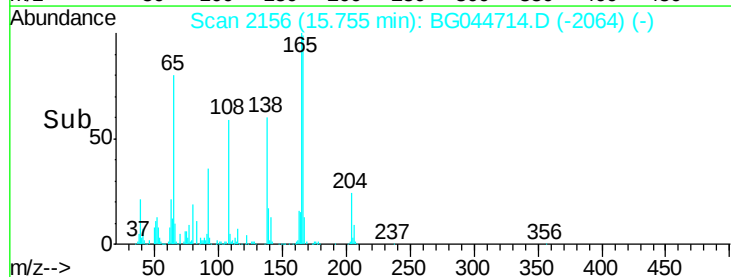
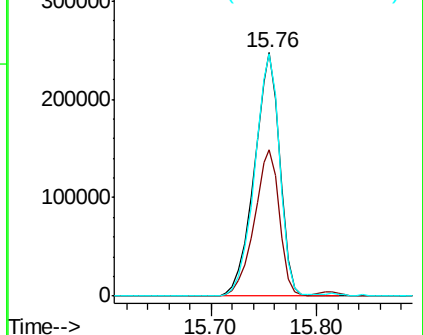
138 100

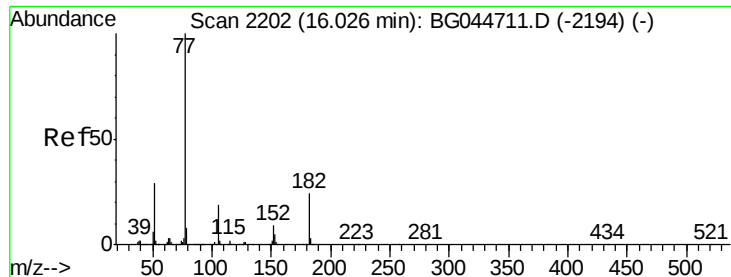
92 59.9 42.1 82.1

108 99.7 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: 70.960 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1706848

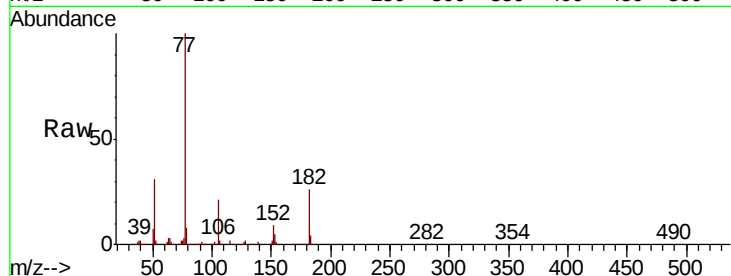
Ion Ratio Lower Upper

77 100

182 26.2 3.6 43.6

105 20.6 0.0 39.3

51 30.9 8.7 48.7

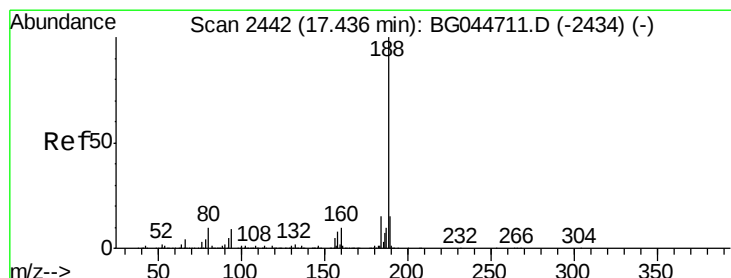
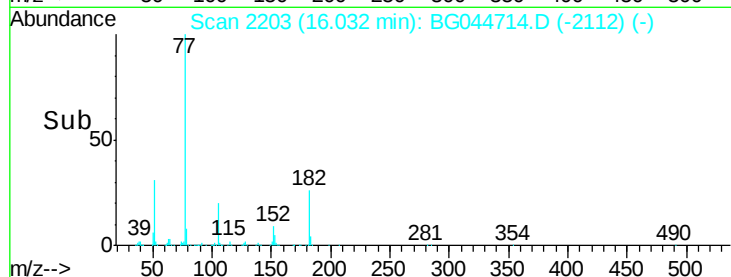
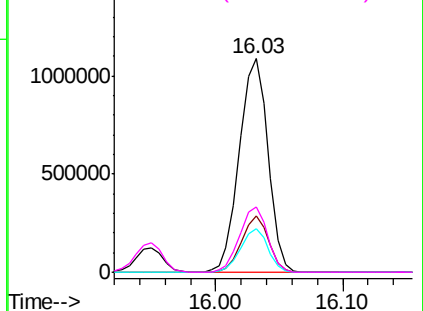


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

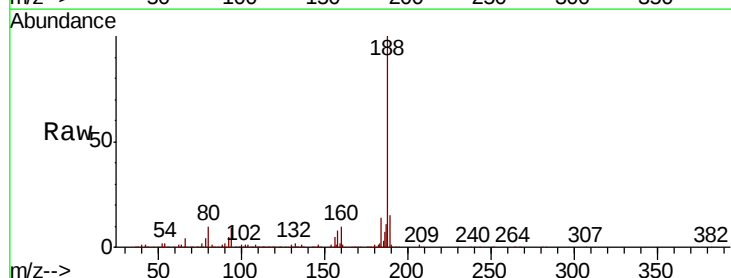
Tgt Ion: 188 Resp: 566467

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

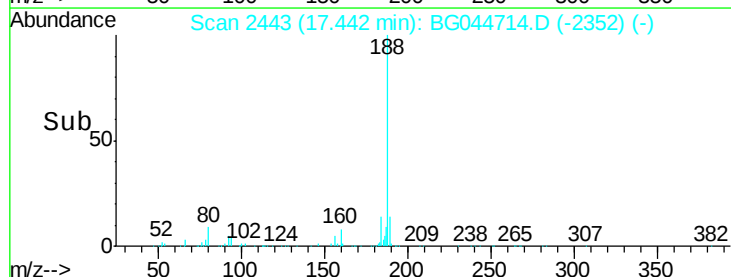
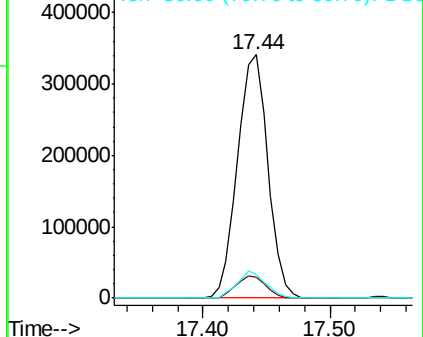
80 9.9 8.4 12.6

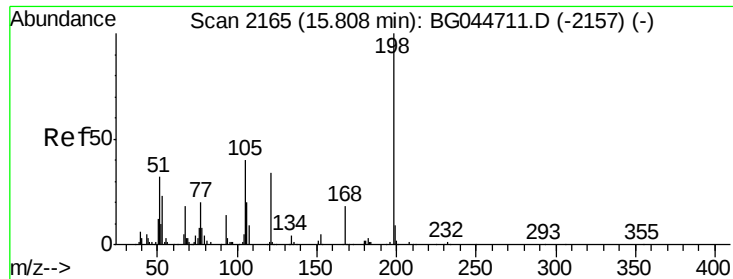


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 99.726 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

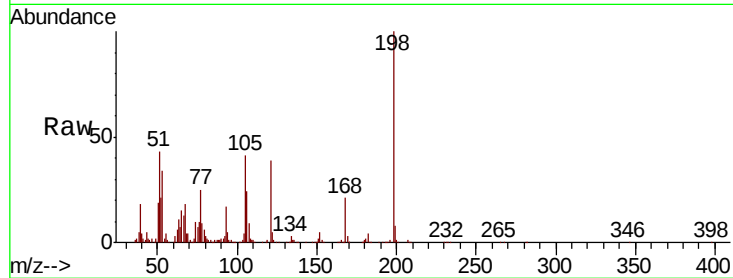
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 230788

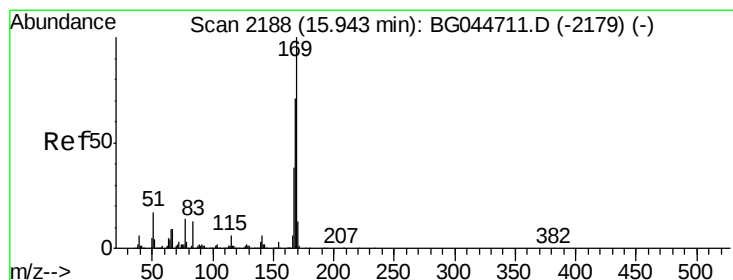
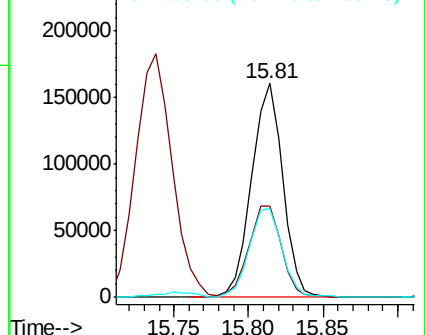
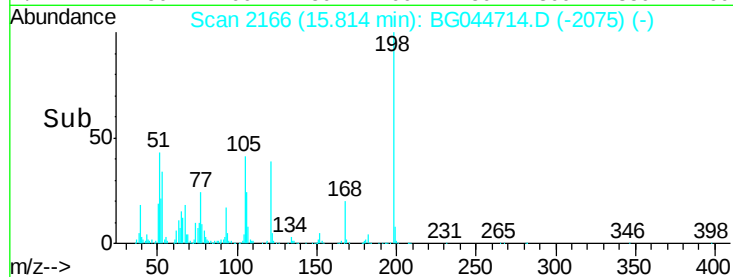
Ion	Ratio	Lower	Upper
198	100		
51	42.7	20.1	60.1
105	41.2	21.3	61.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 76.469 ng

RT: 15.95 min Scan# 2189

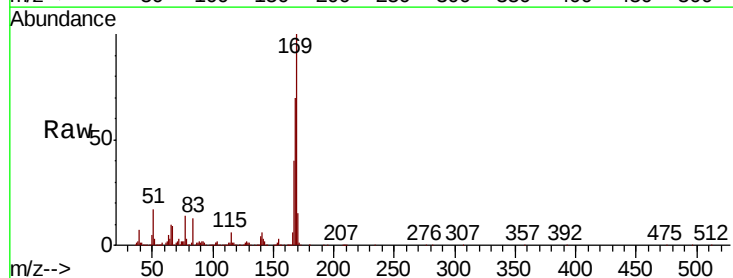
Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:169 Resp: 1324421

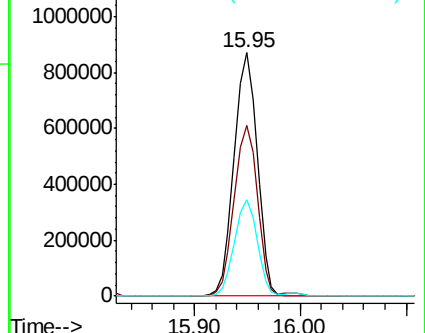
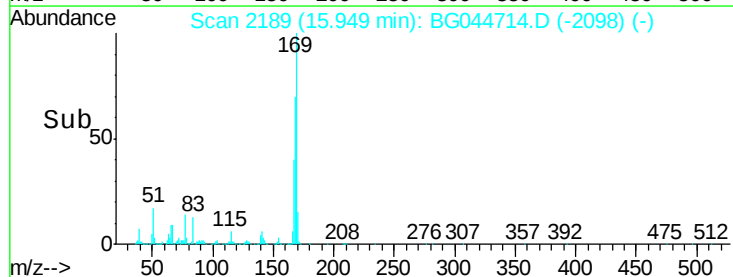
Ion	Ratio	Lower	Upper
169	100		
168	70.3	56.6	85.0
167	39.6	30.1	45.1

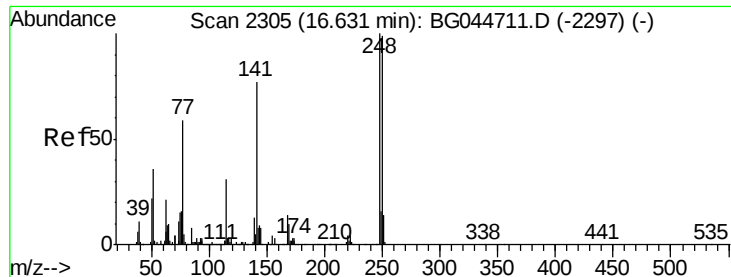


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

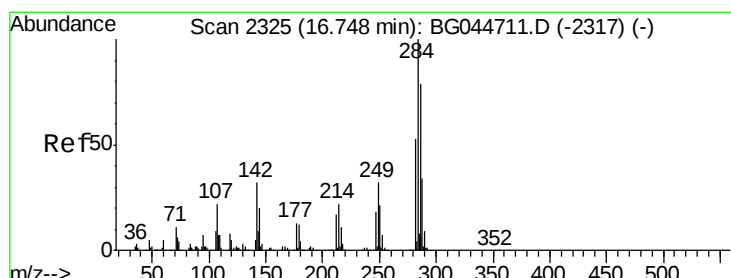
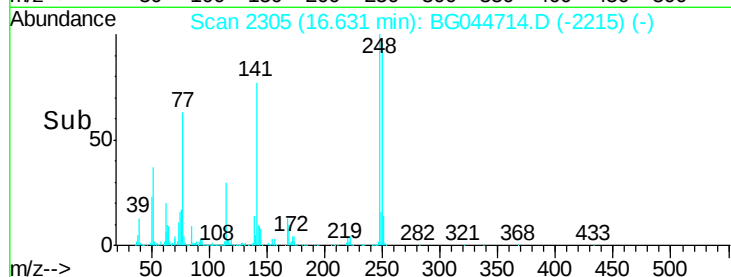
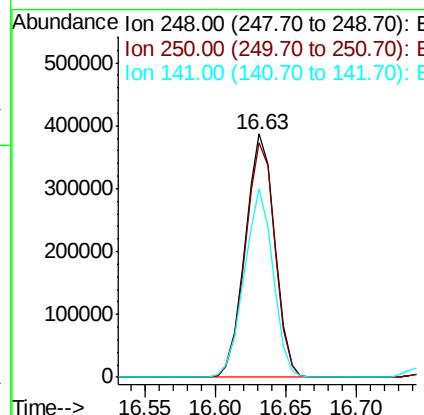
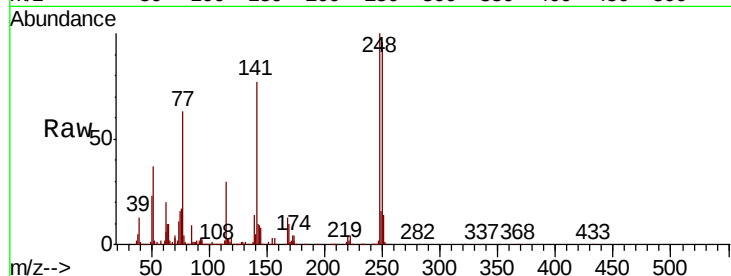




#67
4-Bromophenyl-phenylether
Concen: 79.248 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

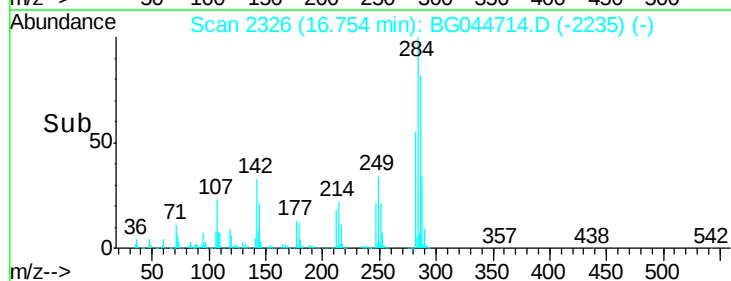
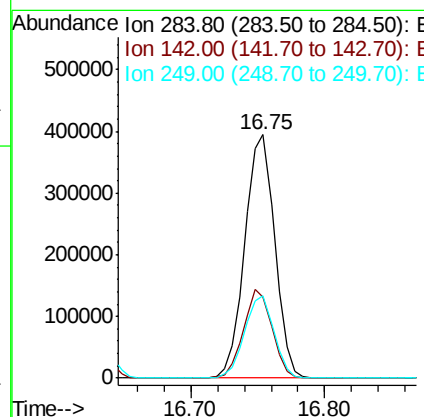
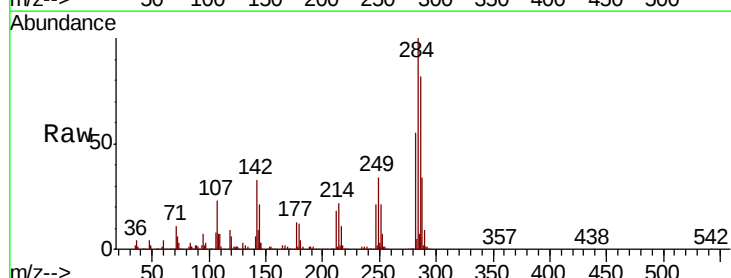
Instrument :
BNA_G
ClientSampled :

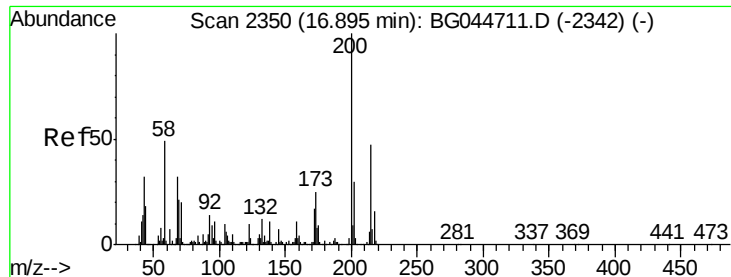
Tot Ion:248 Resp: 566166
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.0
141 77.3 61.7 92.5



#68
Hexachlorobenzene
Concen: 78.924 ng
RT: 16.75 min Scan# 2326
Delta R.T. 0.01 min
Lab File: BG044714.D
Acq: 10 Mar 2020 14:25

Tgt Ion:284 Resp: 608838
Ion Ratio Lower Upper
284 100
142 33.2 25.6 38.4
249 33.8 25.8 38.6





#69

Atrazine

Concen: 68.412 ng

RT: 16.90 min Scan# 2351

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

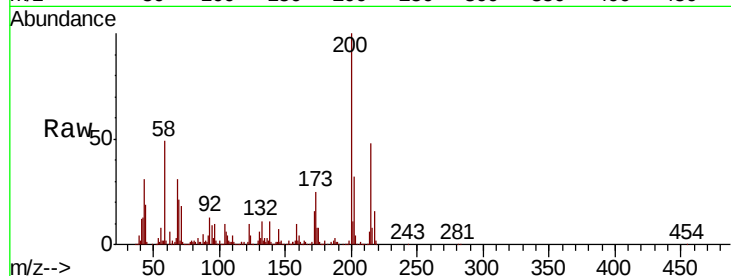
Tot Ion:200 Resp: 457897

Ion Ratio Lower Upper

200 100

173 25.0 4.8 44.8

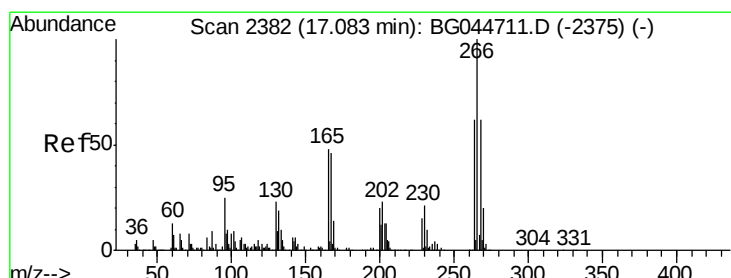
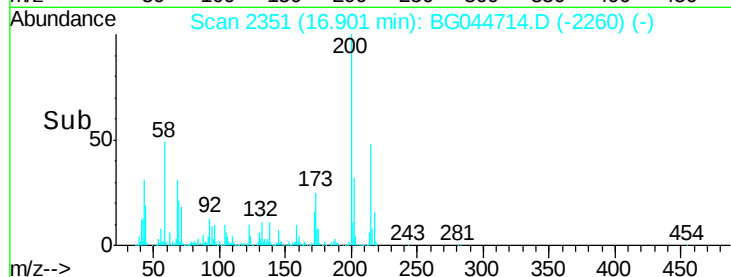
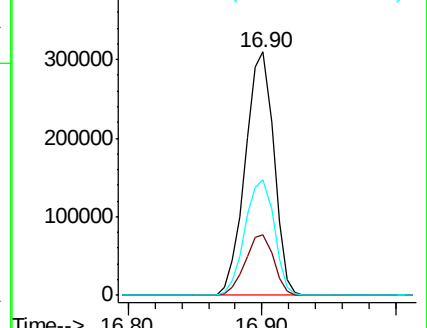
215 47.7 27.4 67.4



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: 82.825 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

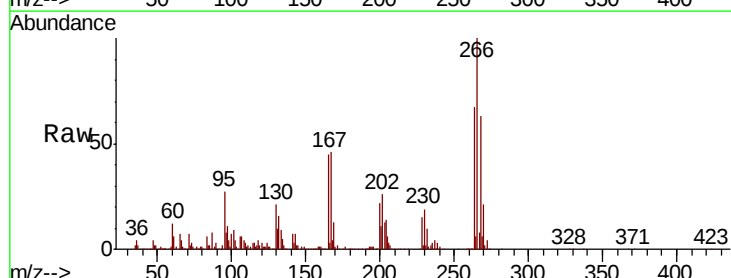
Tgt Ion:266 Resp: 362556

Ion Ratio Lower Upper

266 100

268 63.3 49.9 74.9

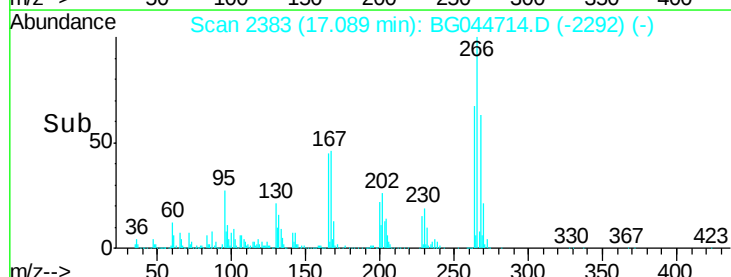
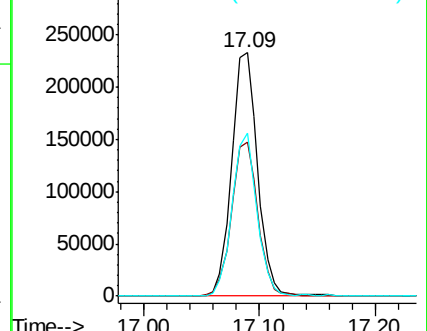
264 66.7 49.9 74.9

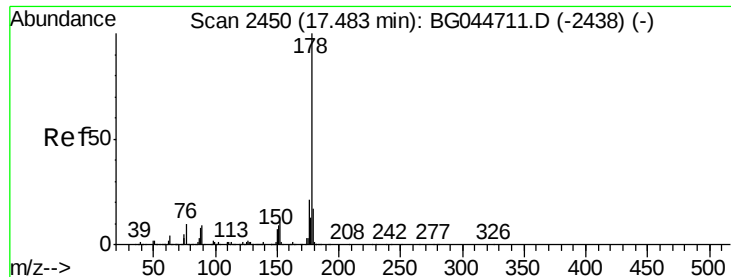


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 74.354 ng

RT: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

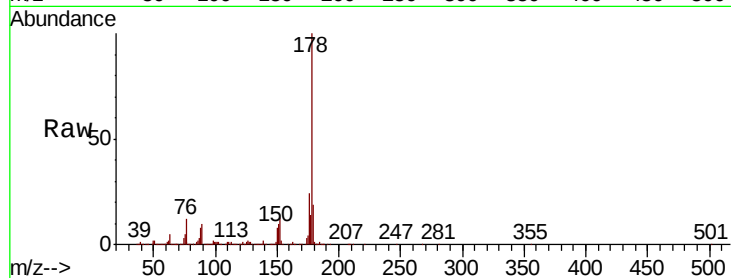
Tot Ion:178 Resp: 2309506

Ion Ratio Lower Upper

178 100

176 23.7 17.0 25.6

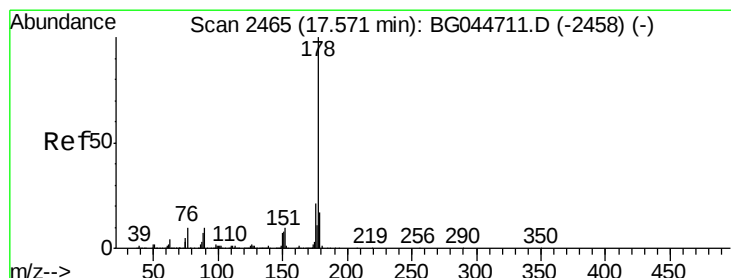
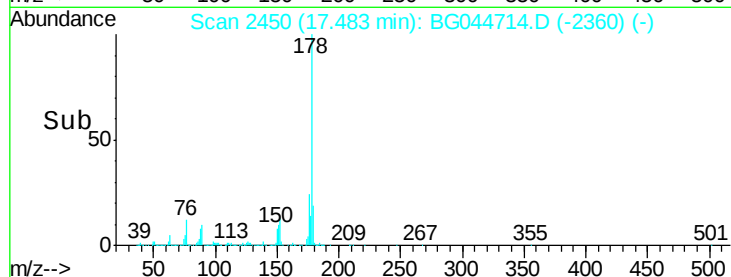
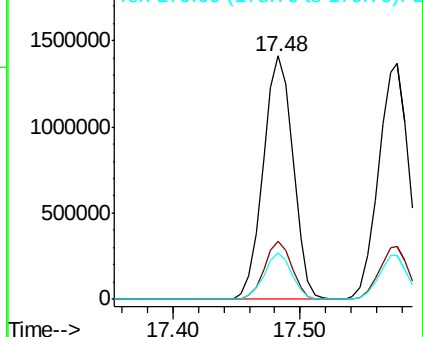
179 19.0 13.7 20.5



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: 73.844 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

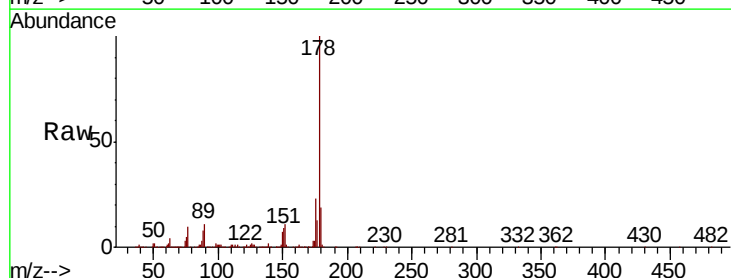
Tgt Ion:178 Resp: 2259107

Ion Ratio Lower Upper

178 100

176 22.5 17.0 25.6

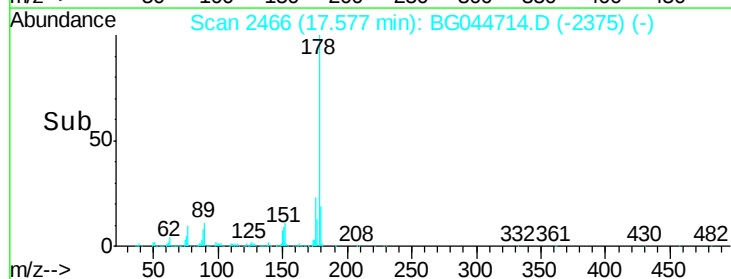
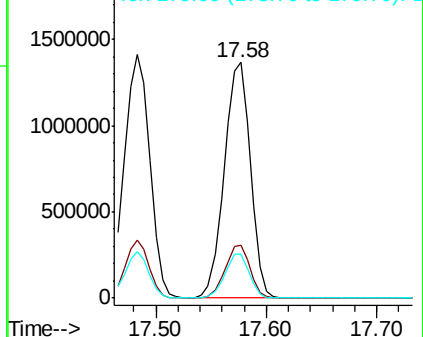
179 18.9 13.8 20.8

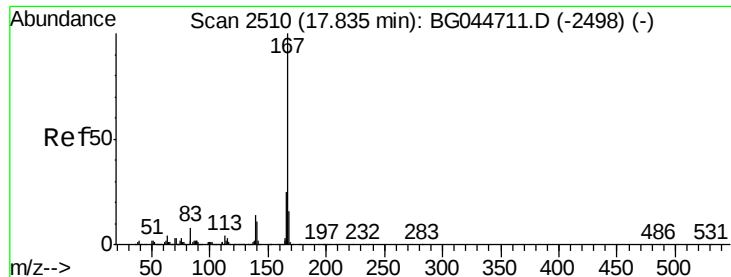


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 74.306 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

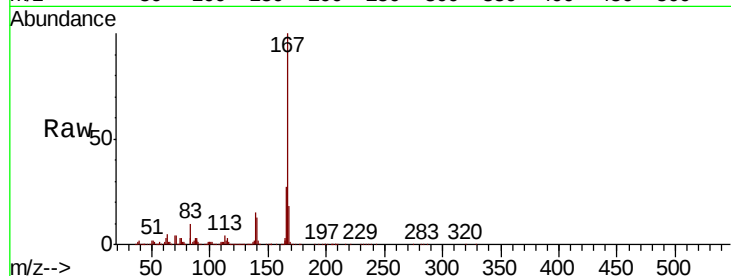
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 2177070

Ion	Ratio	Lower	Upper
167	100		
166	27.0	19.6	29.4
139	15.3	11.4	17.2

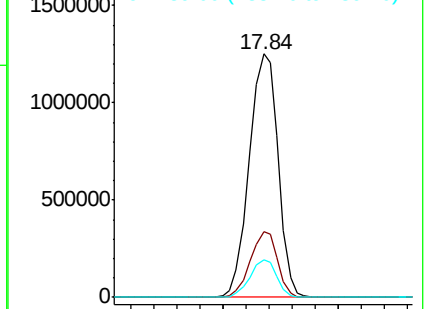


Abundance

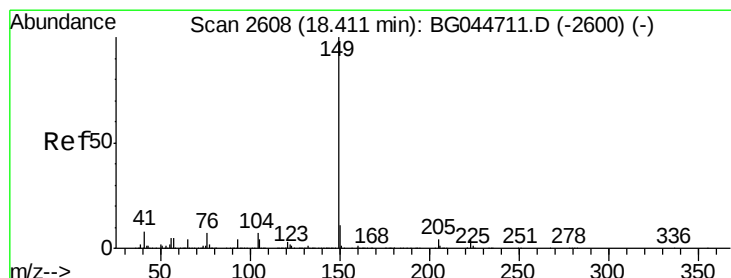
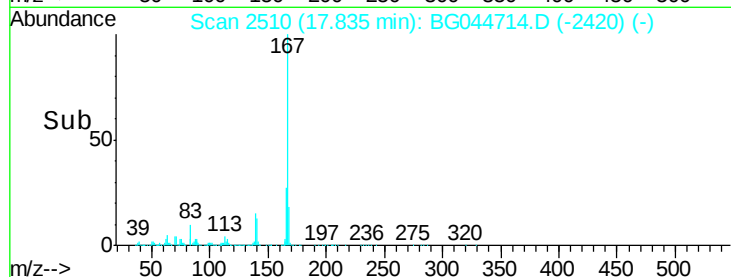
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 71.122 ng

RT: 18.41 min Scan# 2608

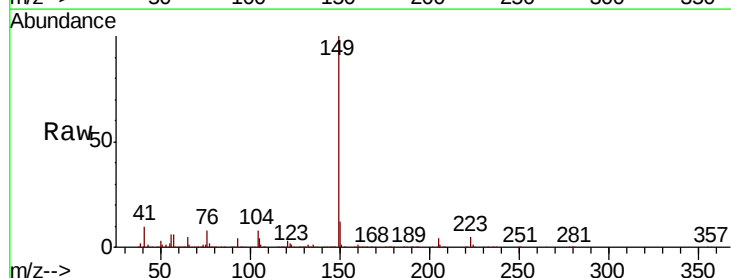
Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:149 Resp: 2624361

Ion	Ratio	Lower	Upper
149	100		
150	12.4	8.4	12.6
104	7.8	5.6	8.4

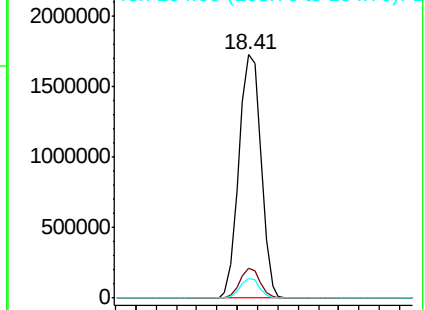


Abundance

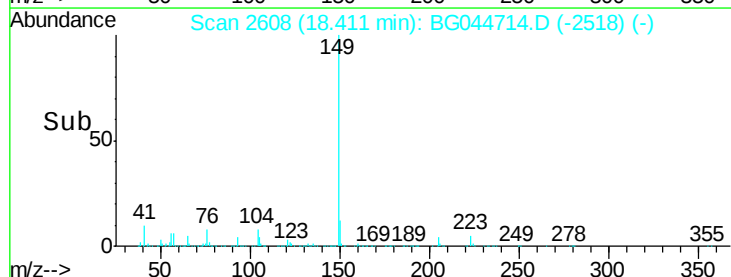
Ion 149.00 (148.70 to 149.70): E

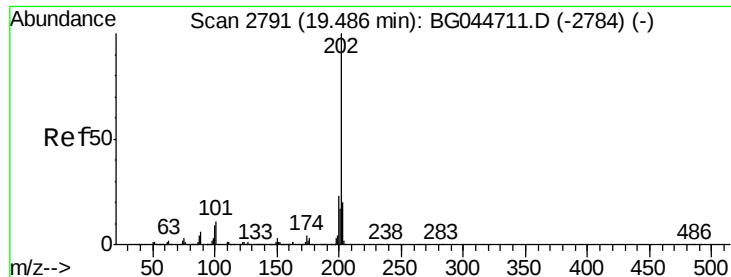
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 71.186 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

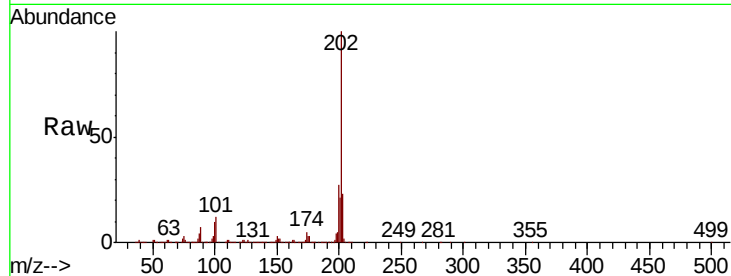
Tot Ion:202 Resp: 2672312

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.3

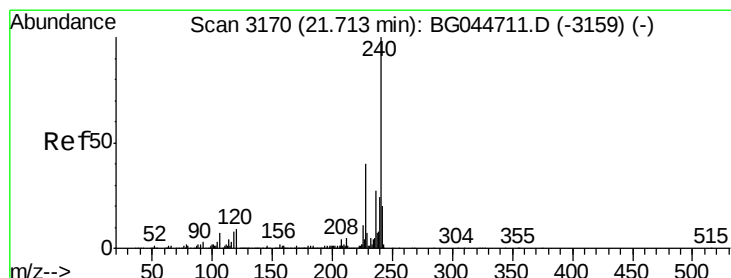
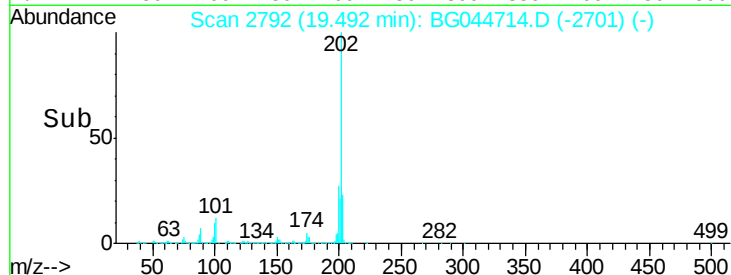
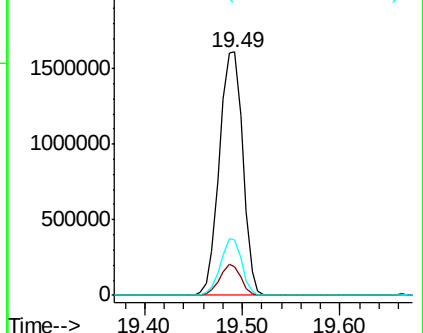
203 22.7 0.4 40.4



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# 3170

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

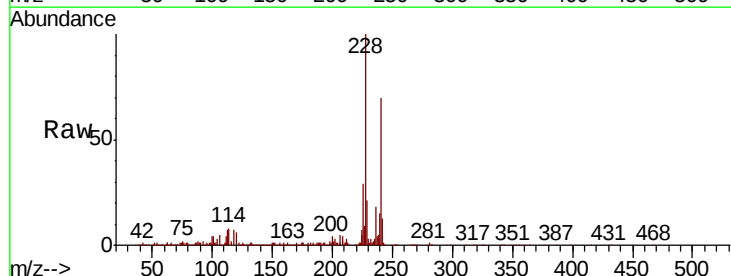
Tgt Ion:240 Resp: 480303

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

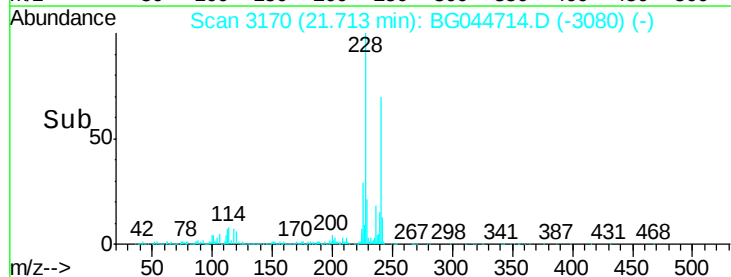
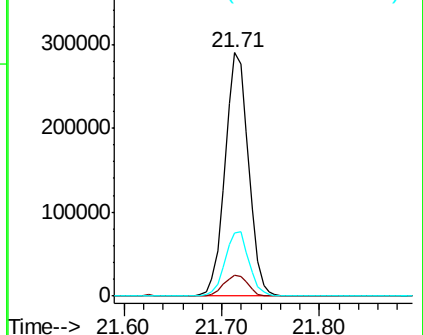
236 26.0 21.9 32.9

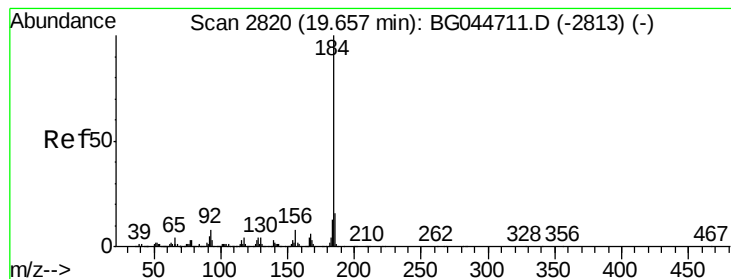


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 64.020 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

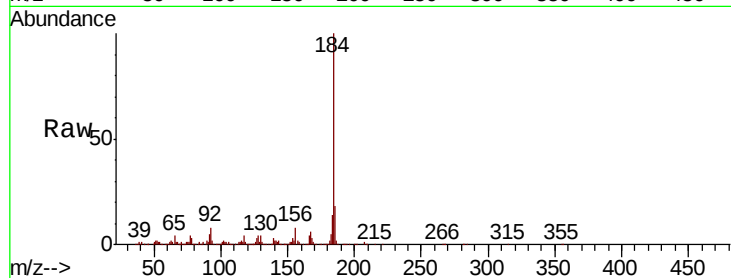
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 1227460

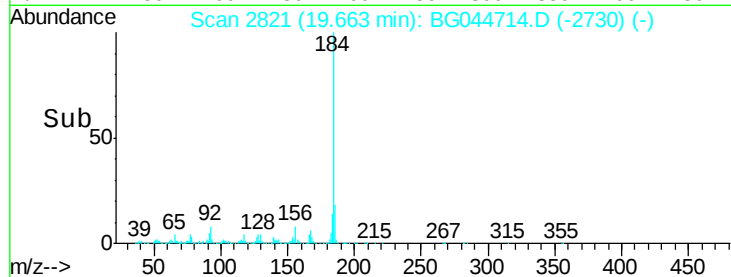
Ion	Ratio	Lower	Upper
184	100		
185	18.4	12.9	19.3
183	14.4	10.6	15.8



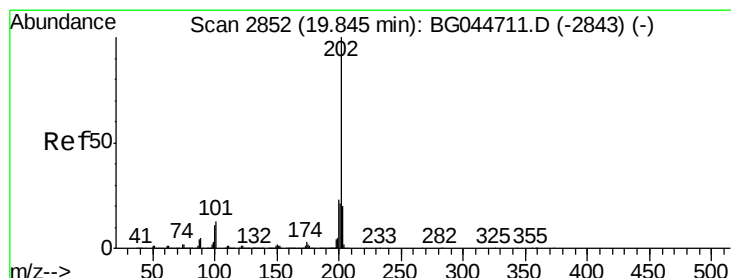
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 72.944 ng

RT: 19.49 min Scan# 2792

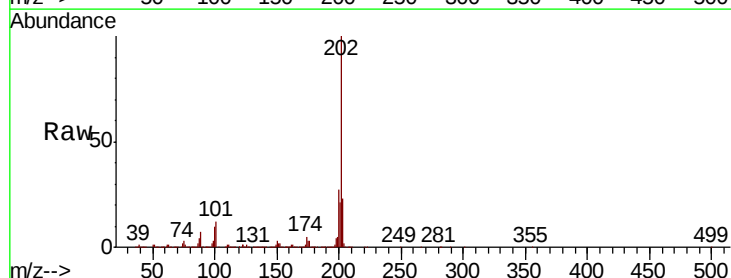
Delta R.T. -0.35 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:202 Resp: 2672312

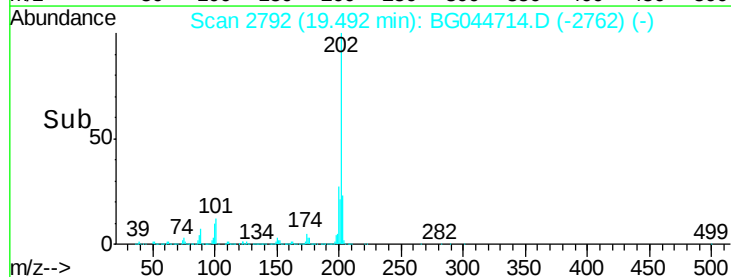
Ion	Ratio	Lower	Upper
202	100		
200	26.6	18.7	28.1
203	22.7	16.0	24.0



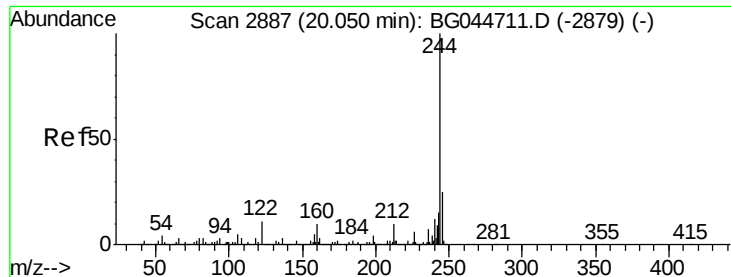
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 130.175 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampled :

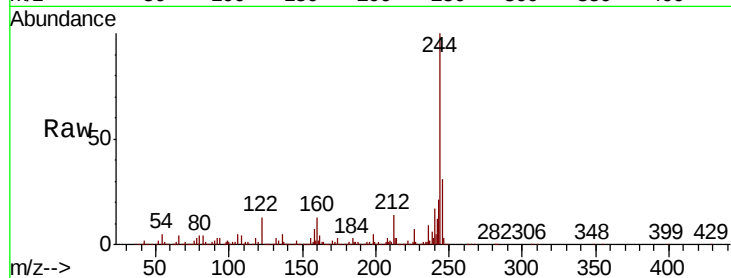
Tot Ion:244 Resp: 3502665

Ion Ratio Lower Upper

244 100

212 13.6 8.4 12.6#

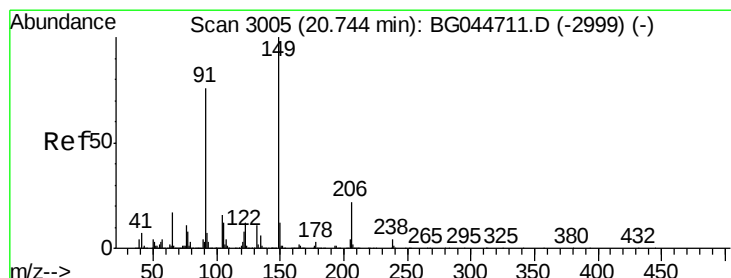
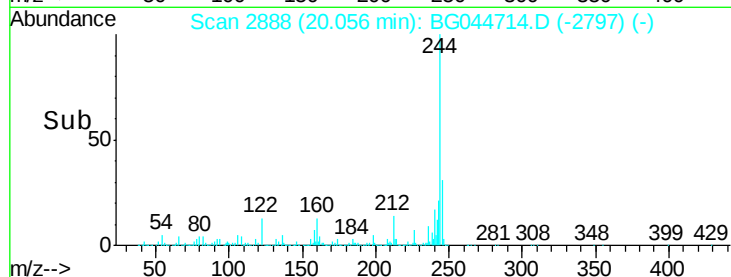
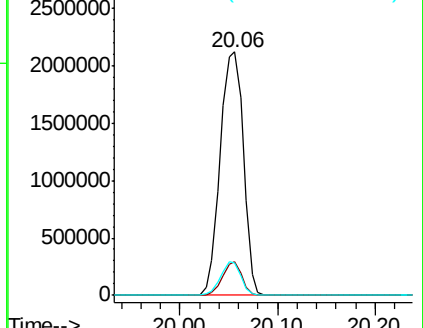
122 13.3 8.7 13.1#



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: 80.133 ng

RT: 20.74 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

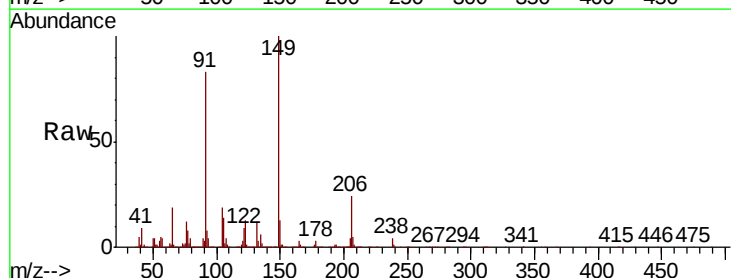
Tgt Ion:149 Resp: 1310345

Ion Ratio Lower Upper

149 100

91 82.7 61.1 91.7

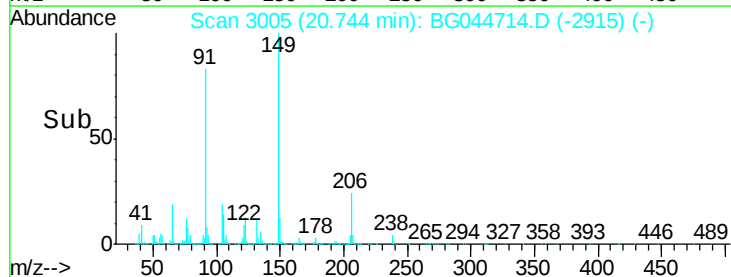
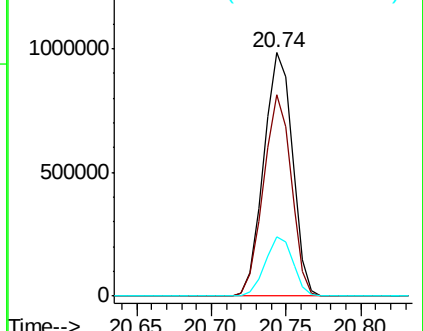
206 24.3 17.4 26.2

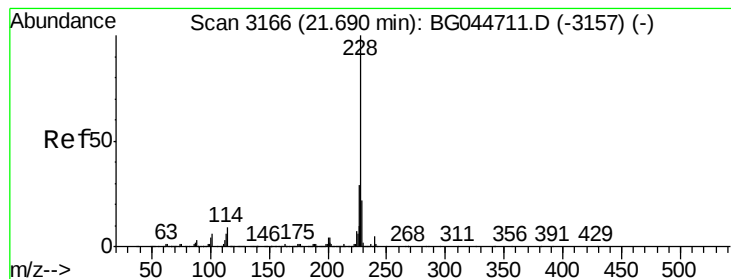


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 74.035 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

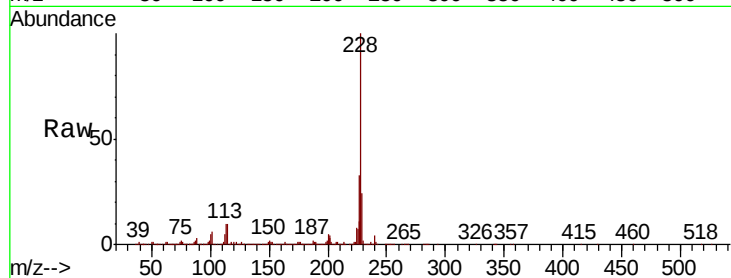
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2666667

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.5	35.3
229	24.0	17.2	25.8

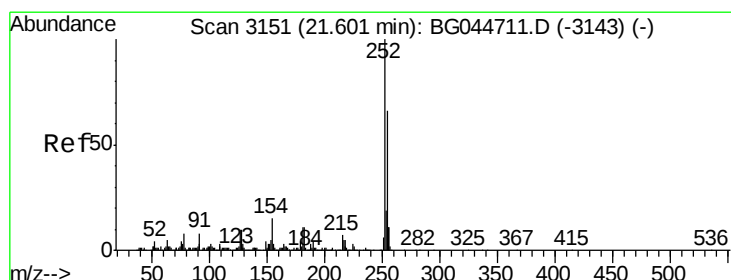
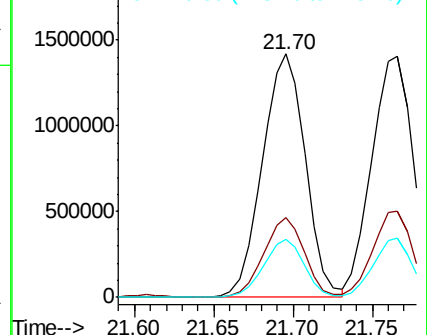
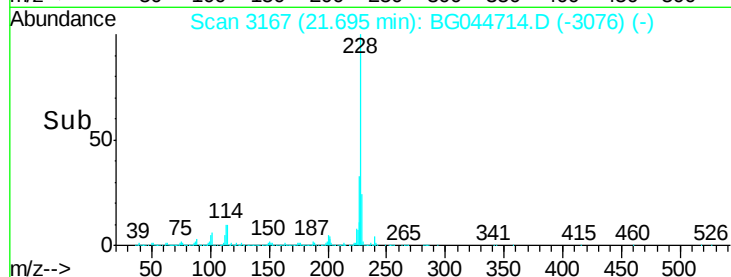


Abundance

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: 74.829 ng

RT: 21.61 min Scan# 3152

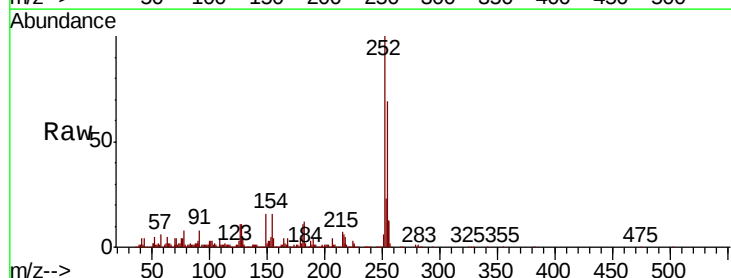
Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:252 Resp: 1073128

Ion	Ratio	Lower	Upper
252	100		
254	68.7	53.0	79.4
126	10.7	8.2	12.4

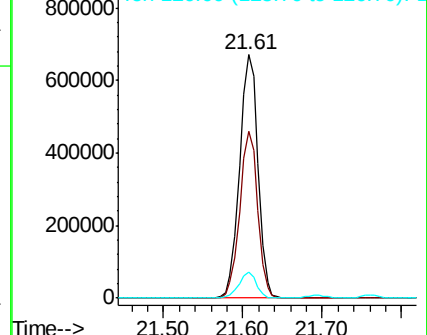
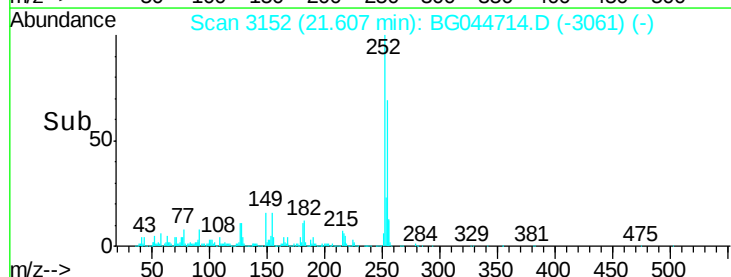


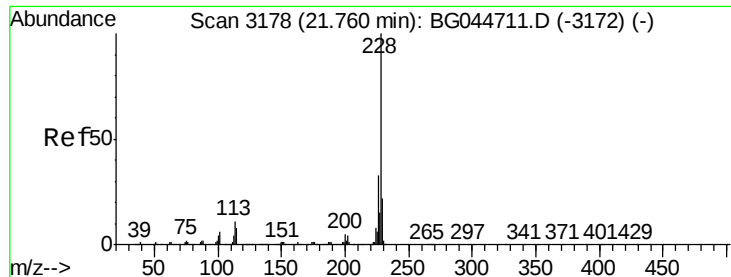
Abundance

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: 73.937 ng

RT: 21.77 min Scan# 3179

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

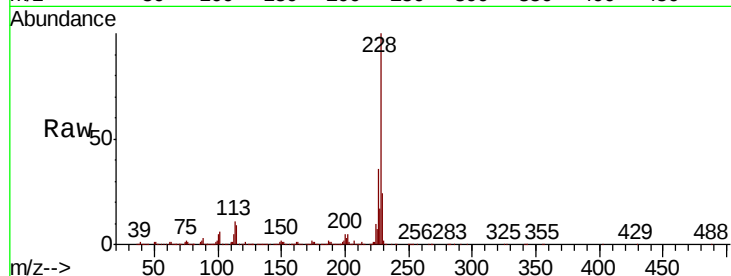
Tot Ion:228 Resp: 2534842

Ion	Ratio	Lower	Upper
228	100		
226	36.0	26.1	39.1
229	24.4	17.4	26.0

228 100

226 36.0 26.1 39.1

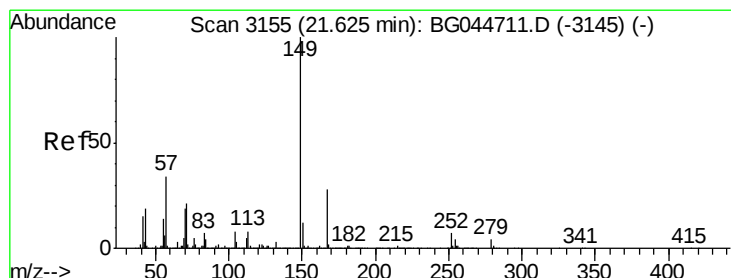
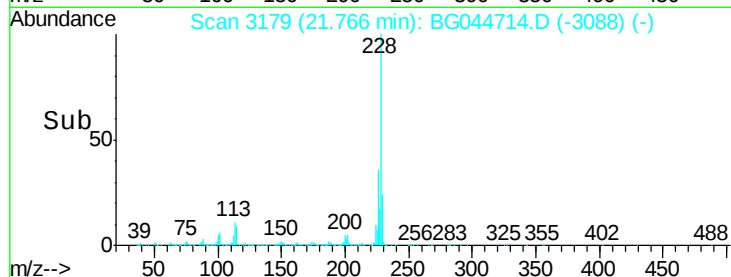
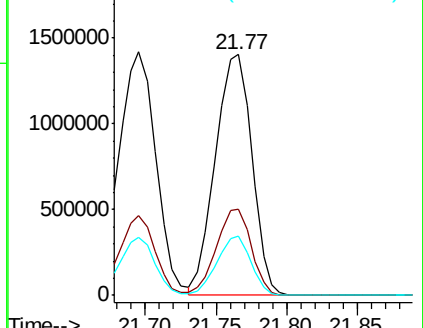
229 24.4 17.4 26.0



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: 75.600 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

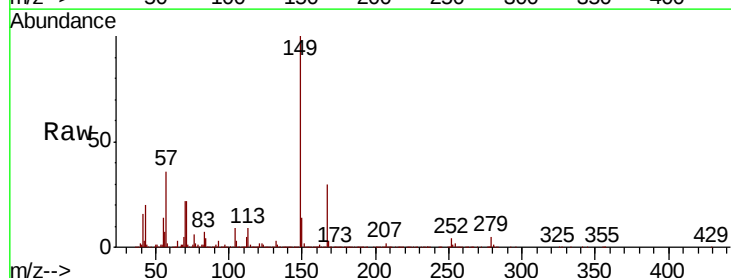
Tgt Ion:149 Resp: 1723964

Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.6	33.8
279	5.5	3.5	5.3

149 100

167 30.2 22.6 33.8

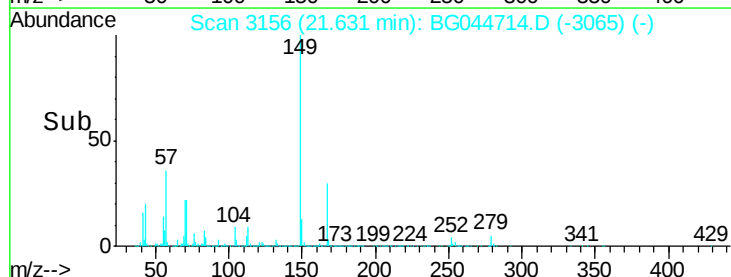
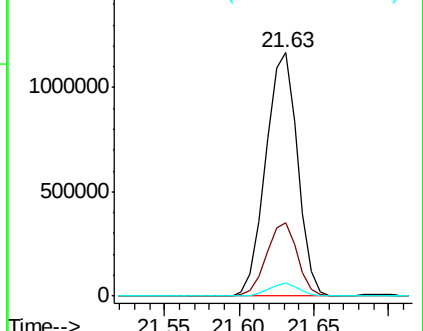
279 5.5 3.5 5.3

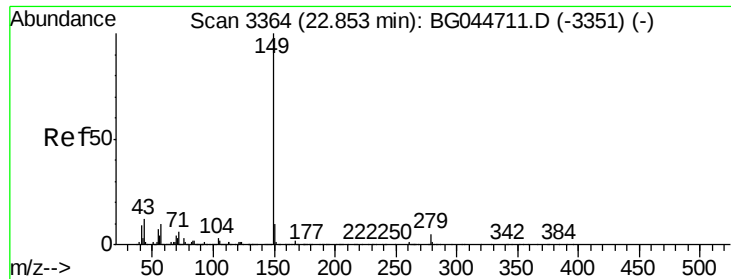


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 74.420 ng

RT: 22.85 min Scan# 3364

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

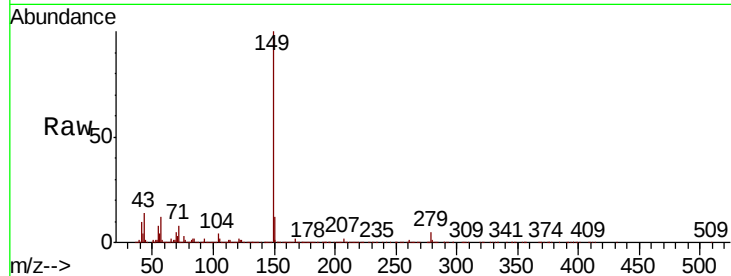
Tot Ion:149 Resp: 2914302

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

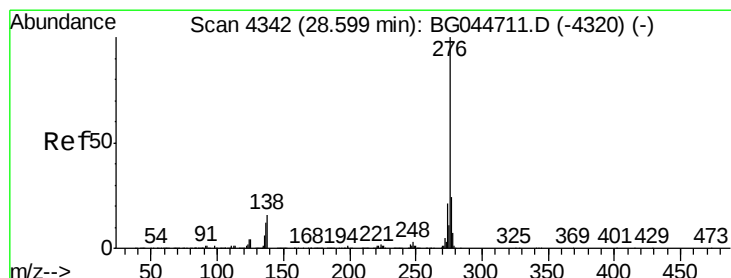
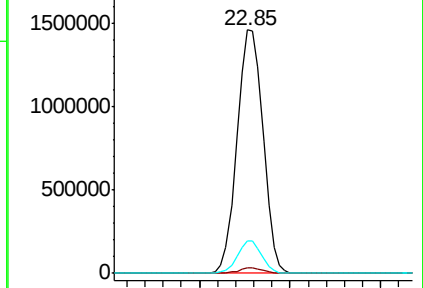
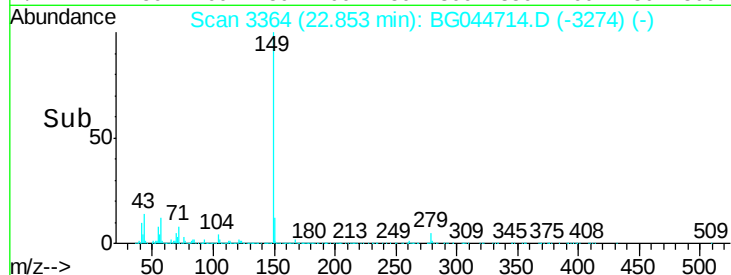
43 12.6 9.0 13.6



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: 78.734 ng

RT: 28.61 min Scan# 4344

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

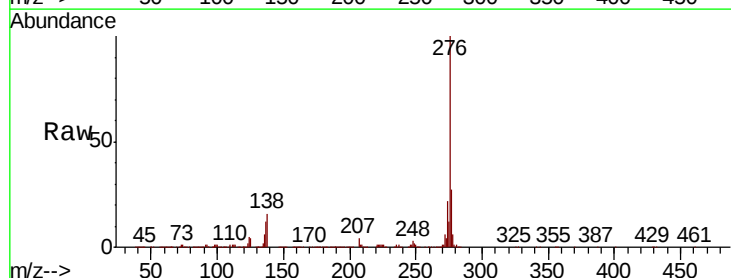
Tgt Ion:276 Resp: 3564957

Ion Ratio Lower Upper

276 100

138 13.0 10.9 16.3

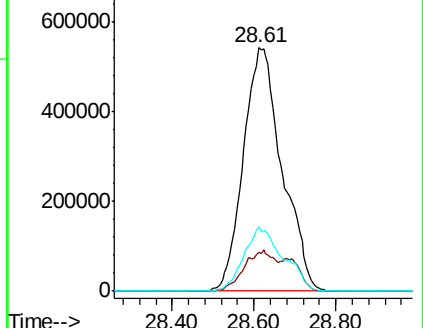
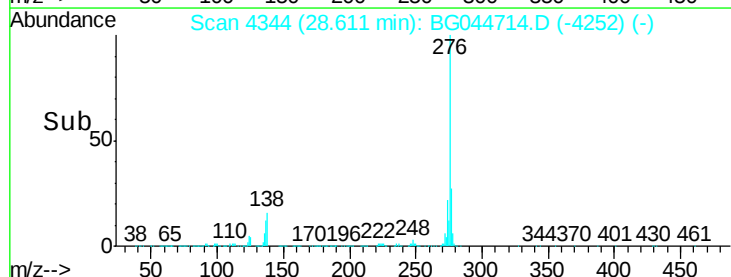
277 26.7 20.8 31.2

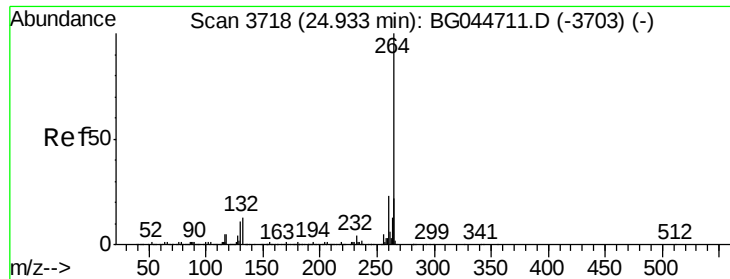


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

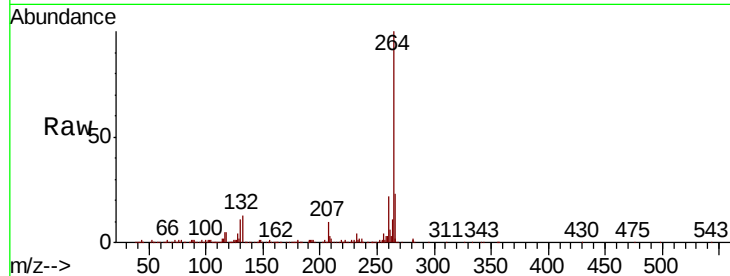
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 581306

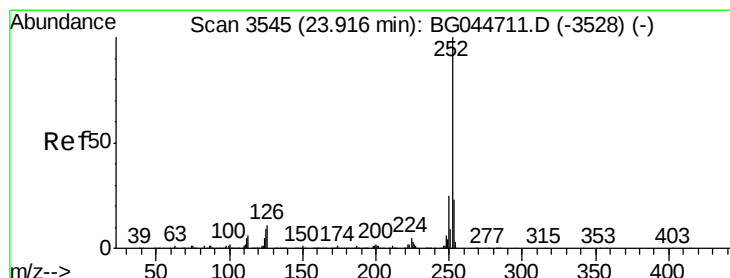
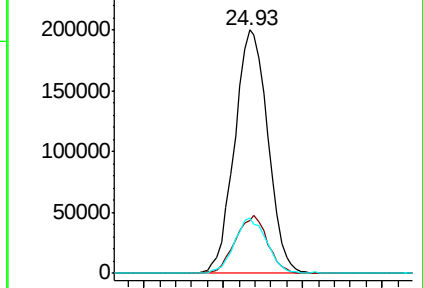
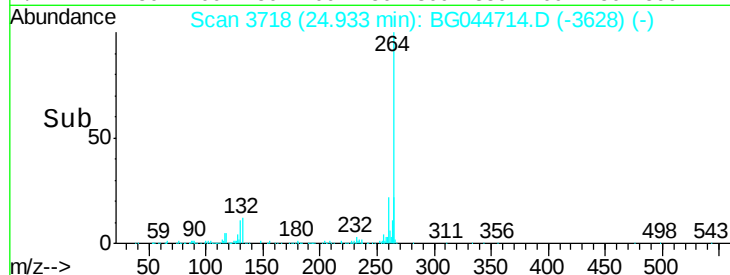
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	22.7	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 76.260 ng

RT: 23.92 min Scan# 3546

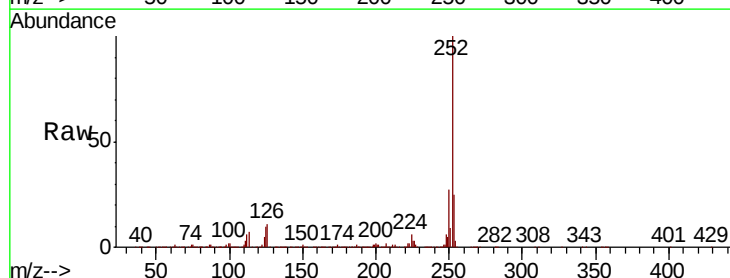
Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Tgt Ion:252 Resp: 3017101

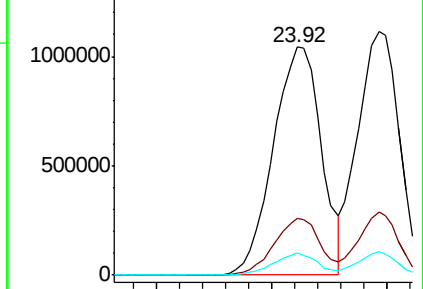
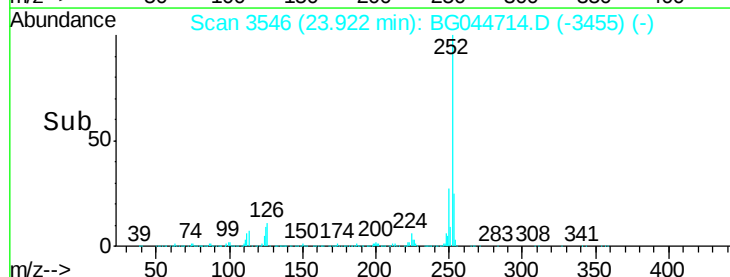
Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.7	28.1
125	9.5	7.2	10.8

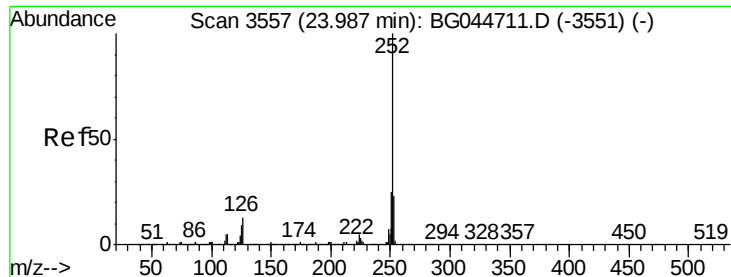


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 74.956 ng

RT: 23.99 min Scan# 3558

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

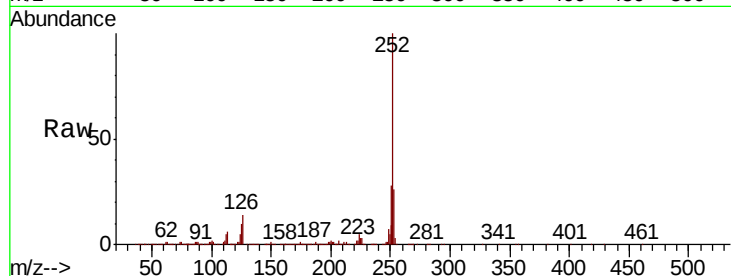
Tot Ion:252 Resp: 2779728

Ion Ratio Lower Upper

252 100

253 25.9 18.4 27.6

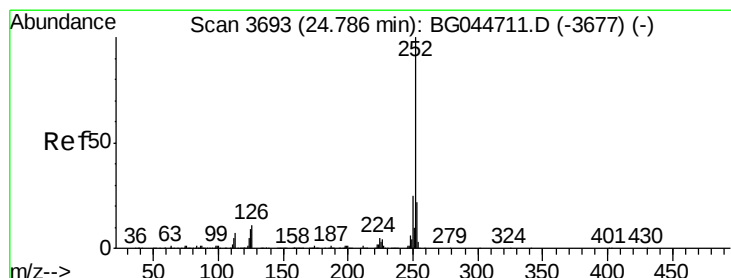
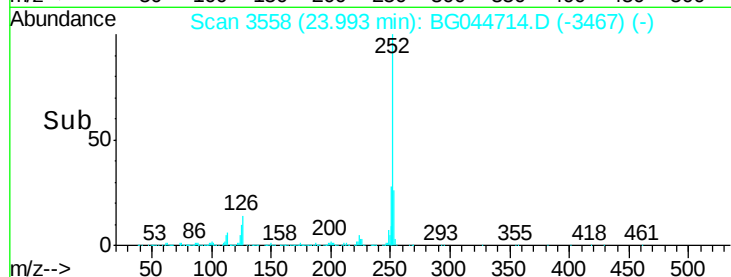
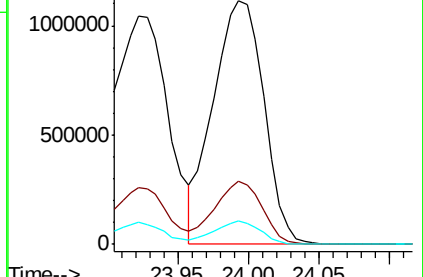
125 9.6 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 76.976 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

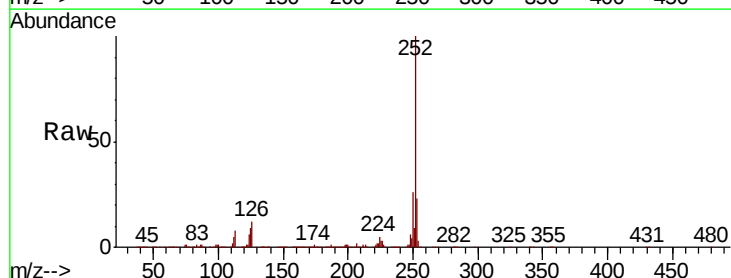
Tgt Ion:252 Resp: 2836416

Ion Ratio Lower Upper

252 100

253 23.4 17.7 26.5

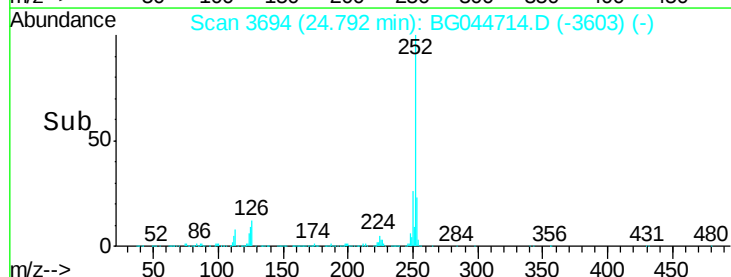
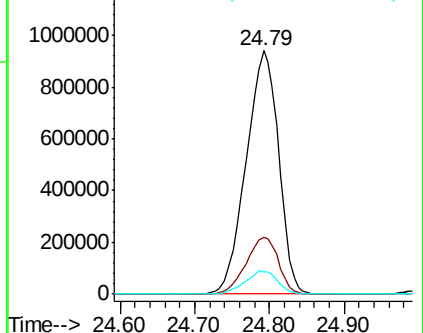
125 9.3 7.0 10.6

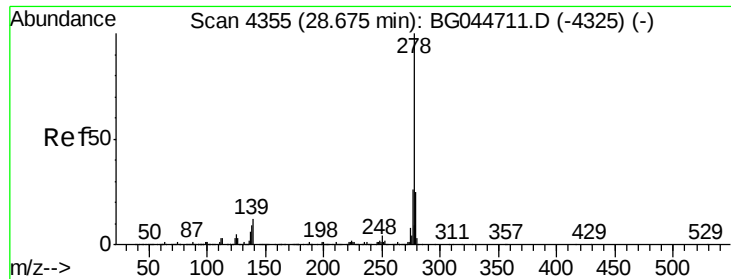


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 76.378 ng

RT: 28.69 min Scan# 4358

Delta R.T. 0.02 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

Instrument :

BNA_G

ClientSampleId :

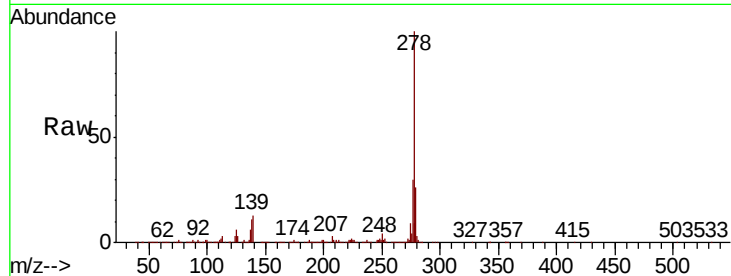
Tot Ion:278 Resp: 2806382

Ion Ratio Lower Upper

278 100

139 12.5 9.9 14.9

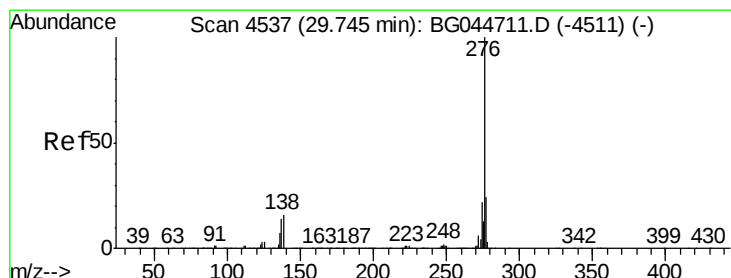
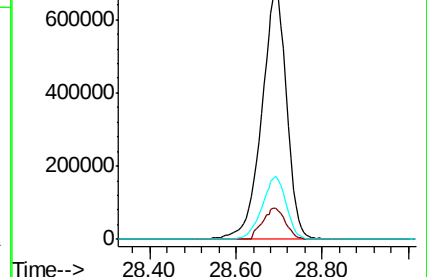
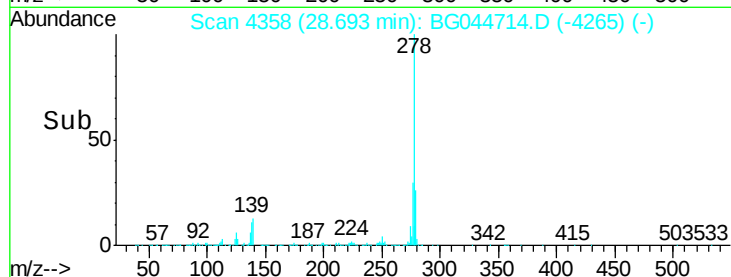
279 25.7 20.2 30.4



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: 77.720 ng

RT: 29.77 min Scan# 4541

Delta R.T. 0.02 min

Lab File: BG044714.D

Acq: 10 Mar 2020 14:25

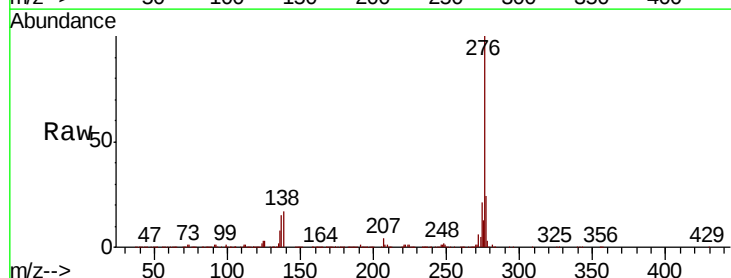
Tgt Ion:276 Resp: 2860451

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 16.6 13.0 19.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

