

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
 Data File : BG044249.D
 Acq On : 30 Jan 2020 14:32
 Operator : CG/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 15:27:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 15:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	97590	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	370827	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	247117	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	545802	20.00	ng	0.00
76) Chrysene-d12	21.55	240	486687	20.00	ng	0.00
87) Perylene-d12	24.64	264	571937	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	952598	167.74	ng	0.00
7) Phenol-d6	7.09	99	1278718	165.82	ng	0.00
23) Nitrobenzene-d5	9.08	82	1214586	181.06	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	576765	192.08	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	2409820	160.84	ng	0.00
79) Terphenyl-d14	19.92	244	3197784	146.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	222971	87.465	ng	99
3) Pyridine	3.78	79	556895	82.442	ng	99
4) n-Nitrosodimethylamine	3.69	42	251134	87.145	ng	99
6) Aniline	7.24	93	812945	84.234	ng	97
8) 2-Chlorophenol	7.48	128	528868	82.771	ng	99
9) Benzaldehyde	7.05	77	254119	69.747	ng	97
10) Phenol	7.12	94	645155	82.419	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	547230	82.518	ng	97
12) 1,3-Dichlorobenzene	7.81	146	628215	83.215	ng	98
13) 1,4-Dichlorobenzene	7.95	146	626523	83.957	ng	99
14) 1,2-Dichlorobenzene	8.27	146	584359	82.012	ng	98
15) Benzyl Alcohol	8.15	79	477738	84.319	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	755658	83.704	ng	99
17) 2-Methylphenol	8.37	107	467670	83.842	ng	98
18) Hexachloroethane	9.00	117	240131	85.076	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	434023	81.520	ng	99
20) 3+4-Methylphenols	8.70	107	643054	83.041	ng	97
22) Acetophenone	8.74	105	825315	88.130	ng	# 98
24) Nitrobenzene	9.12	77	600617	89.359	ng	99
25) Isophorone	9.65	82	1167232	89.806	ng	99
26) 2-Nitrophenol	9.83	139	332034	93.724	ng	98
27) 2,4-Dimethylphenol	9.90	122	451475	91.539	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	762056	88.488	ng	97
29) 2,4-Dichlorophenol	10.37	162	549497	91.798	ng	97
30) 1,2,4-Trichlorobenzene	10.58	180	613195	90.126	ng	100
31) Naphthalene	10.77	128	1625631	87.044	ng	97
32) Benzoic acid	10.11	122	387990	129.793	ng	95
33) 4-Chloroaniline	10.88	127	790907	90.806	ng	98
34) Hexachlorobutadiene	11.06	225	375929	90.087	ng	99
35) Caprolactam	11.67	113	174692	78.597	ng	96
36) 4-Chloro-3-methylphenol	12.01	107	584868	92.485	ng	99
37) 2-Methylnaphthalene	12.38	142	1225789	87.667	ng	99
38) 1-Methylnaphthalene	12.60	142	1160361	87.184	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	677042	88.184	ng	99

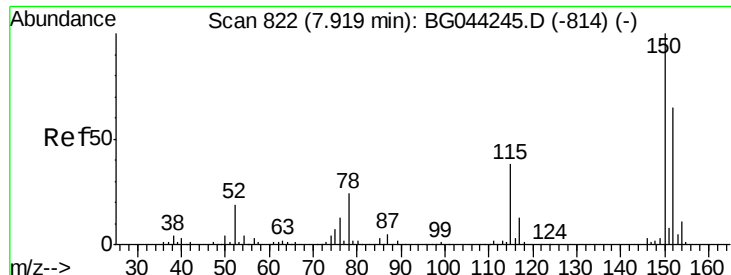
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
 Data File : BG044249.D
 Acq On : 30 Jan 2020 14:32
 Operator : CG/JU
 Sample : SSTDICC100
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 15:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	360192	95.462	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	466806	93.620	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	482827	94.868	ng	99
46) 1,1'-Biphenyl	13.39	154	1558520	84.320	ng	95
47) 2-Chloronaphthalene	13.43	162	1264923	84.997	ng	96
48) 2-Nitroaniline	13.63	65	412513	92.384	ng	100
49) Acenaphthylene	14.28	152	1829455	84.055	ng	93
50) Dimethylphthalate	14.02	163	1588414	85.399	ng	96
51) 2,6-Dinitrotoluene	14.13	165	381076	91.053	ng	96
52) Acenaphthene	14.62	154	1225172	86.947	ng	98
53) 3-Nitroaniline	14.46	138	431270	92.740	ng	99
54) 2,4-Dinitrophenol	14.66	184	241188	113.628	ng	99
55) Dibenzofuran	14.96	168	1769825	83.408	ng	94
56) 4-Nitrophenol	14.78	139	343731	100.136	ng	100
57) 2,4-Dinitrotoluene	14.92	165	546085	93.187	ng	98
58) Fluorene	15.60	166	1418945	84.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	437404	98.111	ng	99
60) Diethylphthalate	15.38	149	1603102	86.154	ng	95
61) 4-Chlorophenyl-phenylether	15.60	204	798867	87.577	ng	96
62) 4-Nitroaniline	15.63	138	436467	93.945	ng	99
63) Azobenzene	15.89	77	1407909	86.713	ng	95
65) 4,6-Dinitro-2-methylphenol	15.69	198	318992	97.933	ng	96
66) n-Nitrosodiphenylamine	15.82	169	1354771	84.531	ng	97
67) 4-Bromophenyl-phenylether	16.49	248	552486	88.626	ng	97
68) Hexachlorobenzene	16.61	284	615778	88.166	ng	97
69) Atrazine	16.77	200	439692	119.417	ng	99
70) Pentachlorophenol	16.96	266	337057	110.658	ng	98
71) Phenanthrene	17.34	178	2237516	81.907	ng	93
72) Anthracene	17.44	178	2205813	81.717	ng	# 92
73) Carbazole	17.70	167	2091766	83.332	ng	92
74) Di-n-butylphthalate	18.27	149	2466962	79.443	ng	# 92
75) Fluoranthene	19.35	202	2548212	80.640	ng	89
77) Benzidine	19.53	184	1173541	104.759	ng	# 93
78) Pyrene	19.72	202	2541043	78.763	ng	# 88
80) Butylbenzylphthalate	20.60	149	1283780	85.716	ng	94
81) Benzo(a)anthracene	21.53	228	2577213	82.173	ng	# 90
82) 3,3'-Dichlorobenzidine	21.45	252	1042757	86.547	ng	97
83) Chrysene	21.53	228	2577213	85.580	ng	93
84) Bis(2-ethylhexyl)phthalate	21.45	149	1668937	81.170	ng	92
85) Di-n-octyl phthalate	22.62	149	2918135	82.062	ng	# 96
86) Indeno(1,2,3-cd)pyrene	28.18	276	3672252	91.997	ng	# 94
88) Benzo(b)fluoranthene	23.67	252	2967672	85.620	ng	94
89) Benzo(k)fluoranthene	23.74	252	2766350	83.337	ng	94
90) Benzo(a)pyrene	24.51	252	2818189	86.487	ng	94
91) Dibenzo(a,h)anthracene	28.24	278	2888153	88.853	ng	96
92) Benzo(g,h,i)perylene	29.28	276	2921349	89.755	ng	96

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

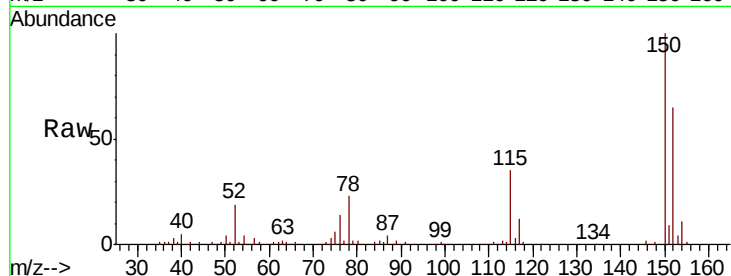


#1

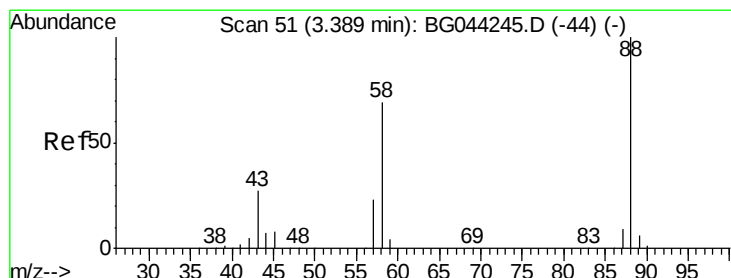
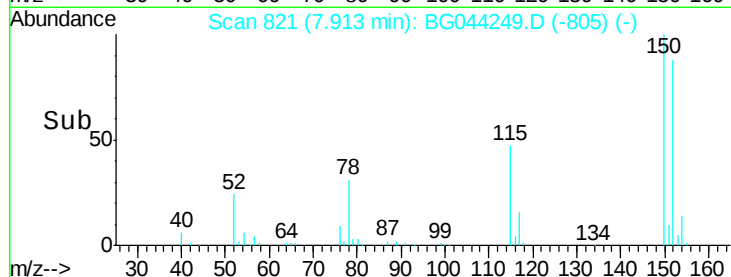
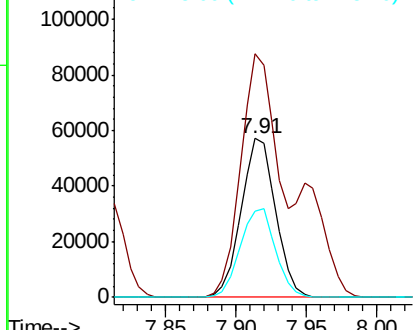
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 97590
Ion Ratio Lower Upper
152 100
150 153.3 122.6 183.8
115 54.1 46.0 69.0



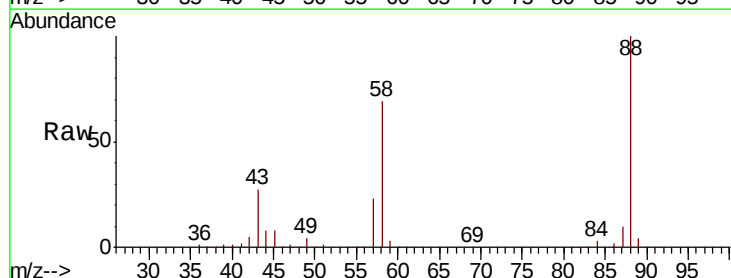
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



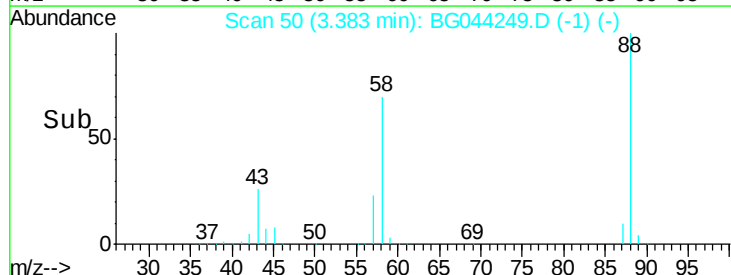
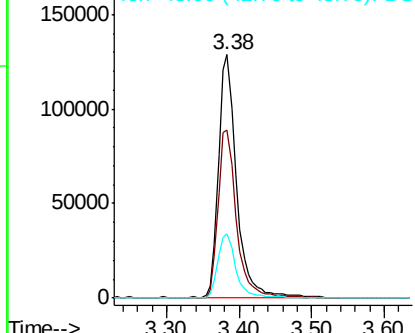
#2

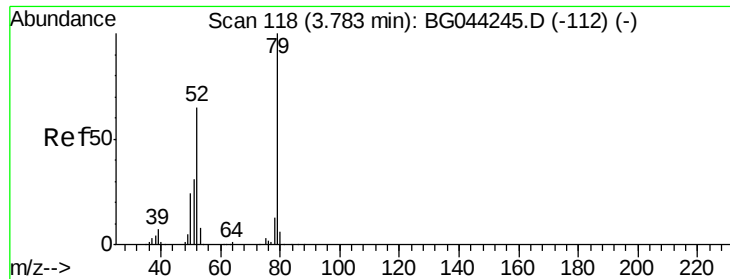
1,4-Dioxane
Concen: 87.465 ng
RT: 3.38 min Scan# 50
Delta R.T. -0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion: 88 Resp: 222971
Ion Ratio Lower Upper
88 100
58 70.6 55.8 83.6
43 26.7 21.6 32.4



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

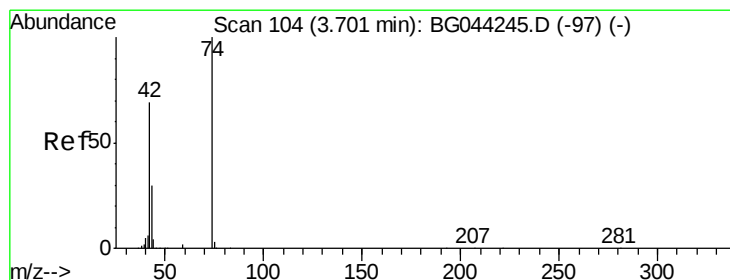
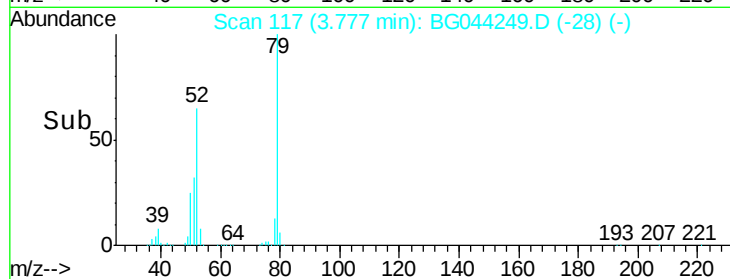
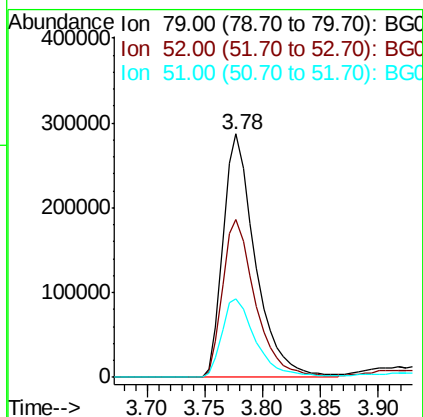
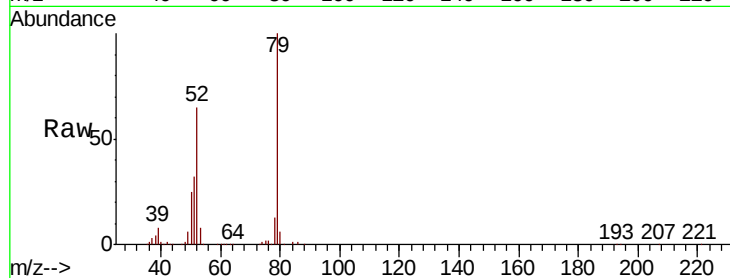




#3
 Pvridine
 Concen: 82.442 ng
 RT: 3.78 min Scan# 117
 Delta R.T. -0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

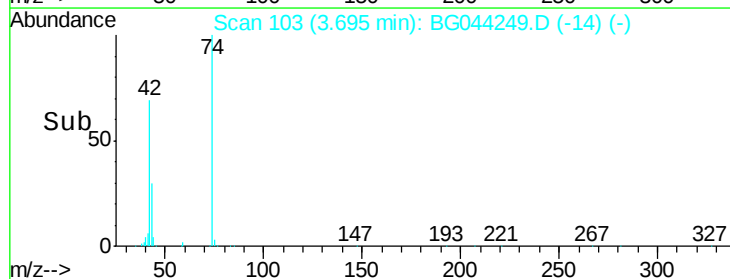
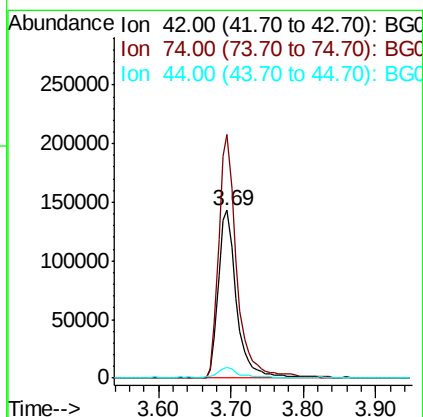
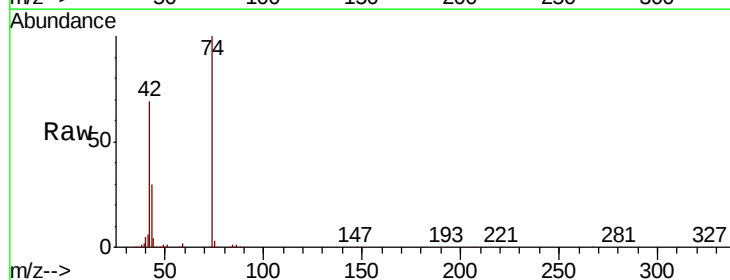
Instrument :
 BNA_G
 ClientSampleId :

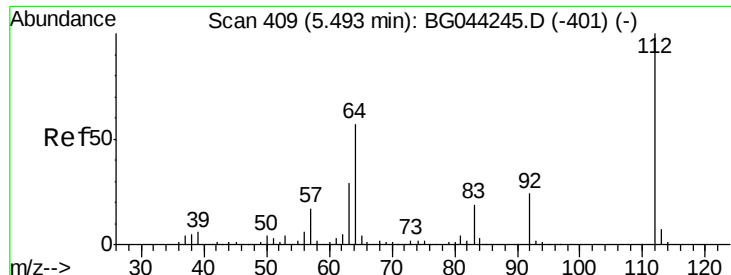
Tot Ion	79	Resp	556895
Ion Ratio	Lower	Upper	
79	100		
52	65.0	51.9	77.9
51	32.4	25.3	37.9



#4
 n-Nitrosodimethylamine
 Concen: 87.145 ng
 RT: 3.69 min Scan# 103
 Delta R.T. -0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion	42	Resp	251134
Ion Ratio	Lower	Upper	
42	100		
74	144.9	115.1	172.7
44	6.5	5.6	8.4





#5

2-Fluorophenol

Concen: 167.739 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

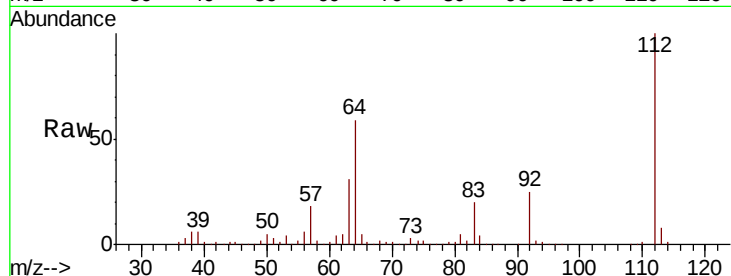
Tot Ion:112 Resp: 952598

Ion Ratio Lower Upper

112 100

64 58.9 45.4 68.2

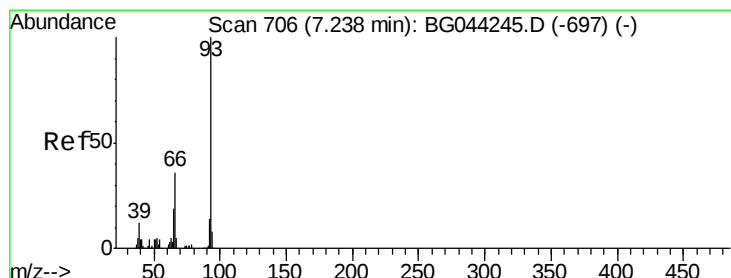
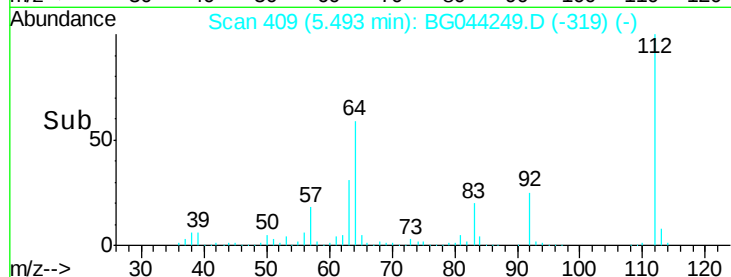
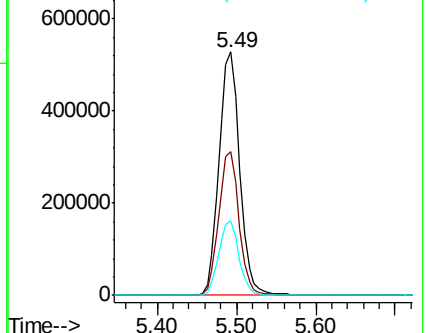
63 30.8 22.9 34.3



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: 84.234 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

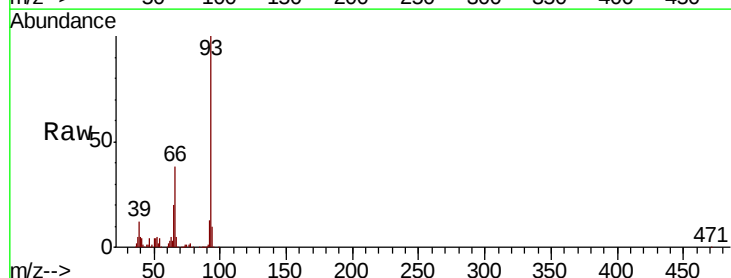
Tgt Ion: 93 Resp: 812945

Ion Ratio Lower Upper

93 100

66 38.2 28.7 43.1

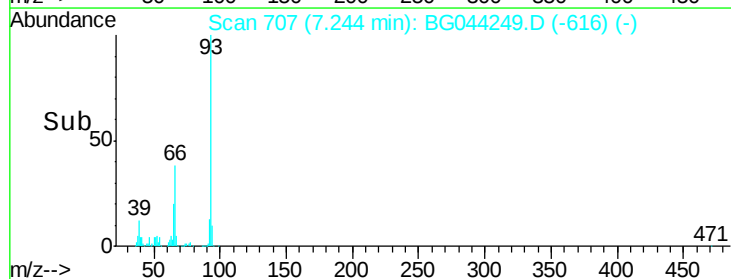
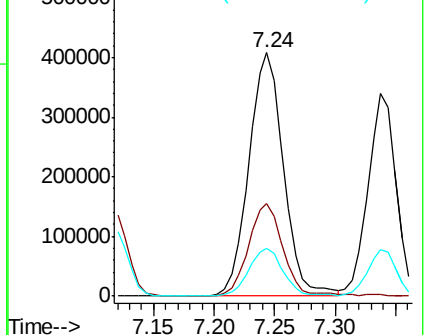
65 19.8 15.4 23.0



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: 165.824 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

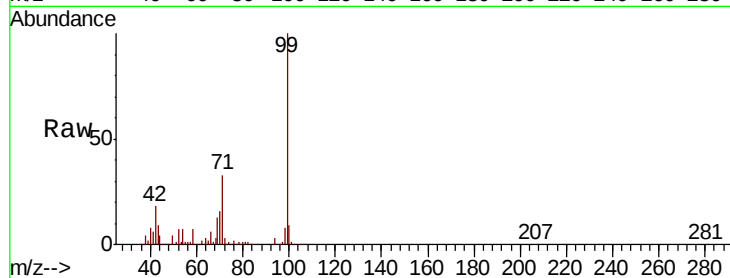
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1278718

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.8	20.6
71	32.5	25.5	38.3

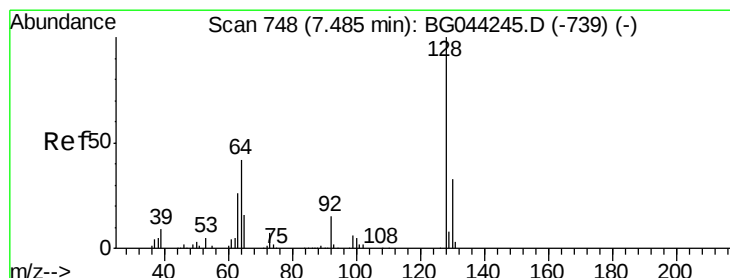
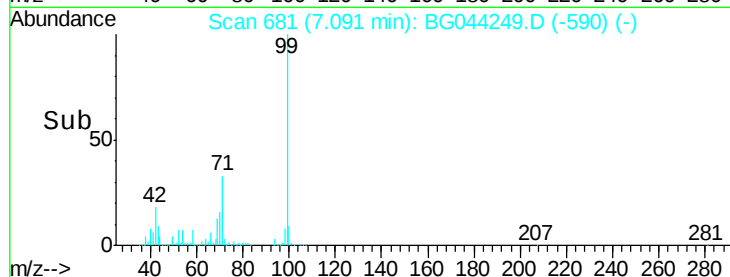
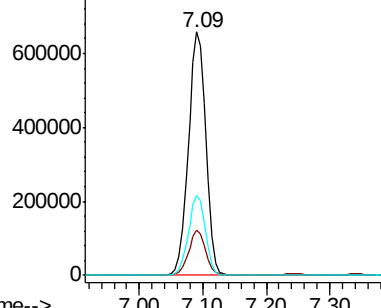


Abundance

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: 82.771 ng

RT: 7.48 min Scan# 748

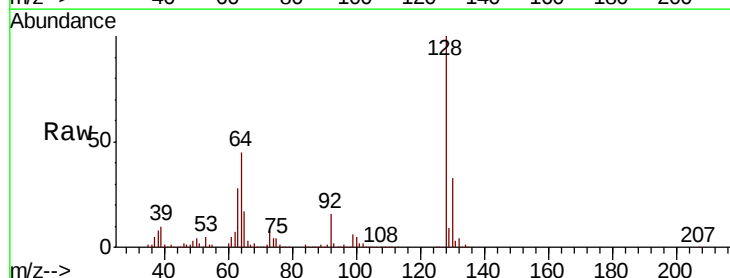
Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Tgt Ion: 128 Resp: 528868

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	44.5	24.2	64.2

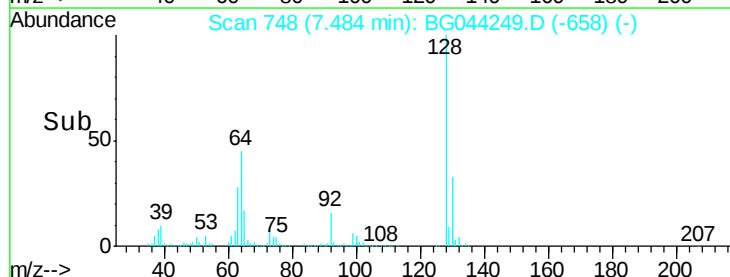
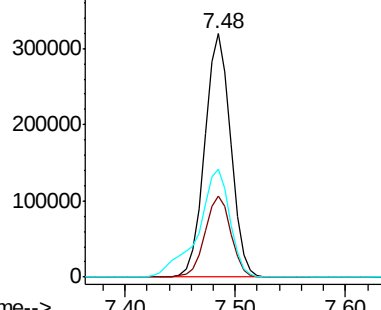


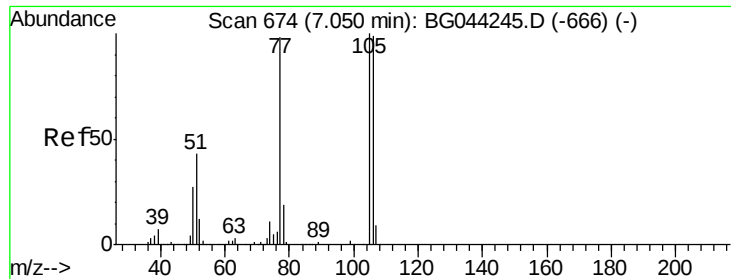
Abundance

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: 69.747 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

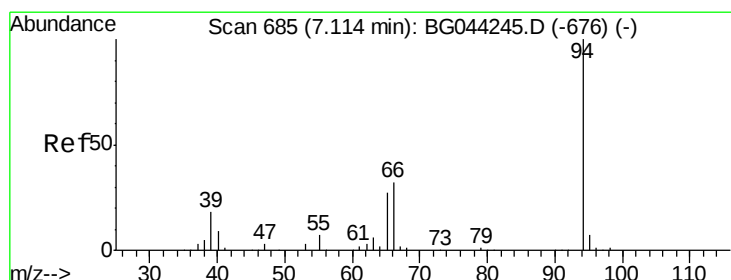
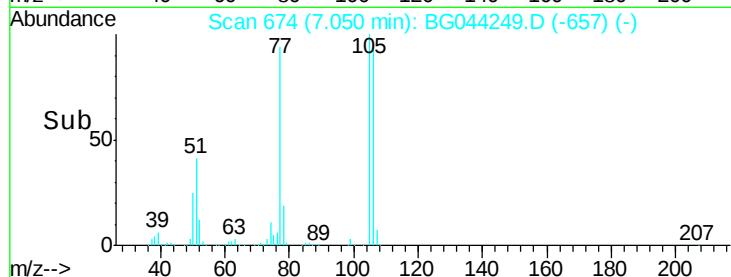
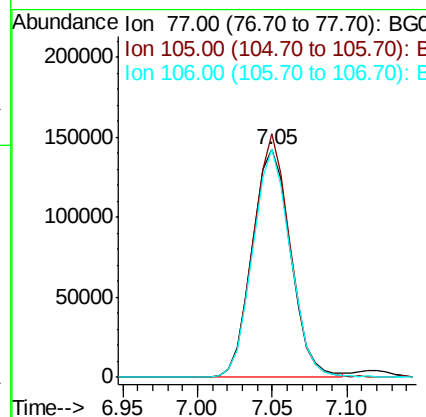
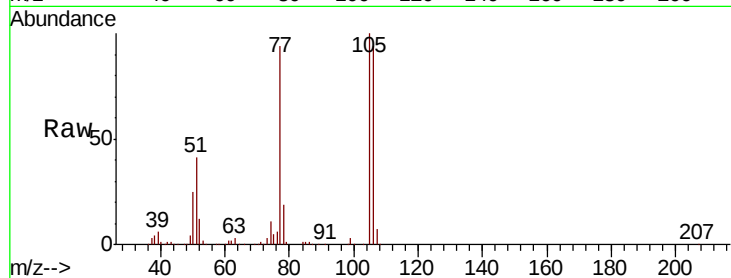
Tot Ion: 77 Resp: 254119

Ion Ratio Lower Upper

77 100

105 106.9 82.0 122.0

106 100.4 80.7 120.7



#10

Phenol

Concen: 82.419 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

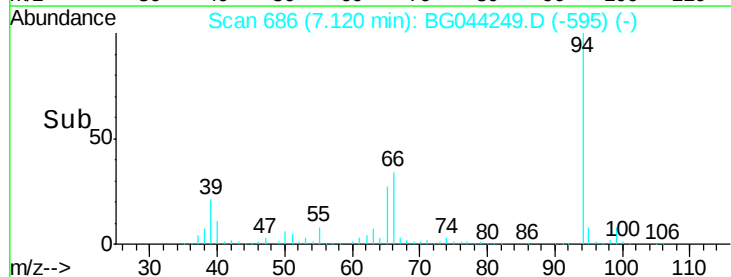
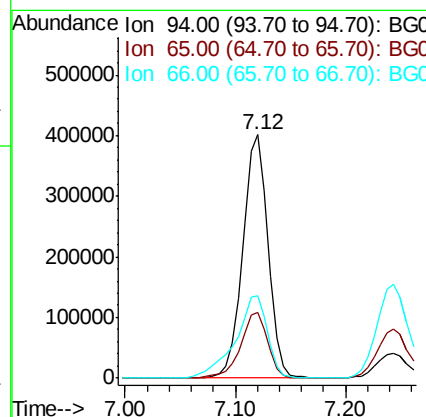
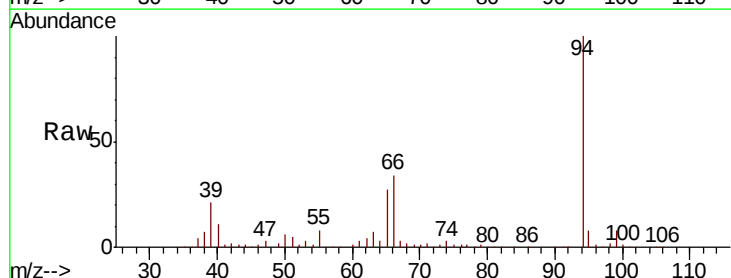
Tgt Ion: 94 Resp: 645155

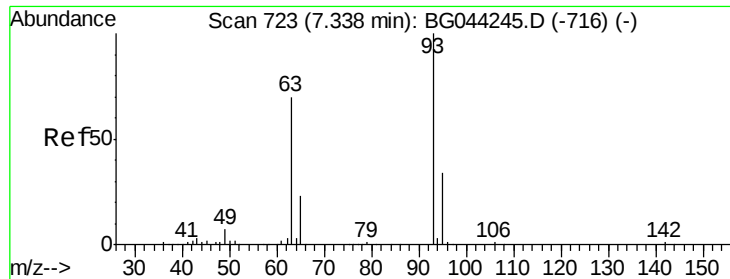
Ion Ratio Lower Upper

94 100

65 27.0 7.0 47.0

66 33.9 12.7 52.7

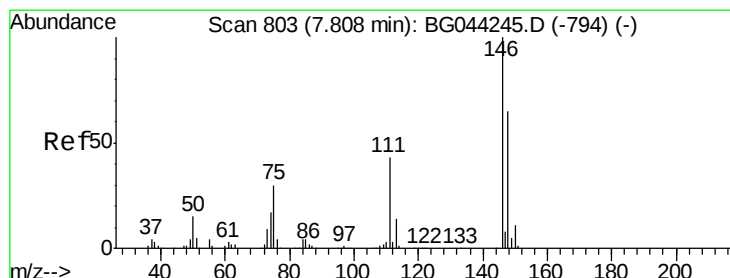
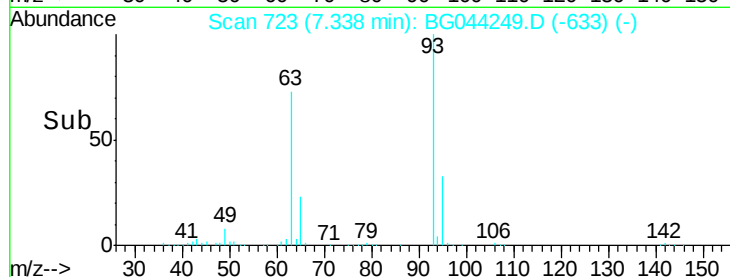
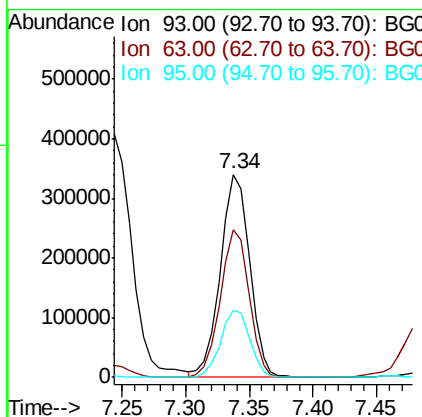
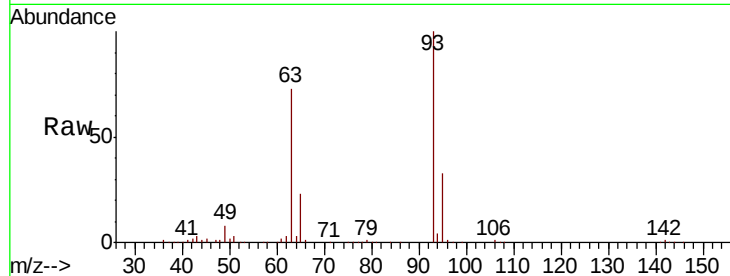




#11
 bis(2-Chloroethyl)ether
 Concen: 82.518 ng
 RT: 7.34 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

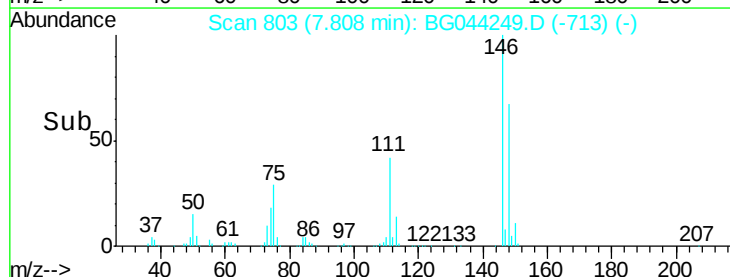
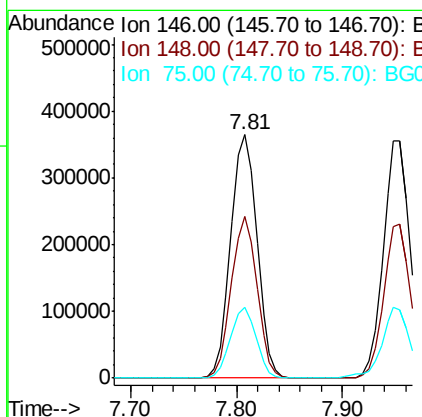
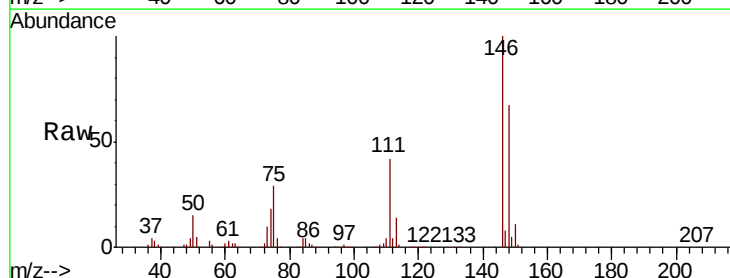
Instrument :
 BNA_G
 ClientSampled :

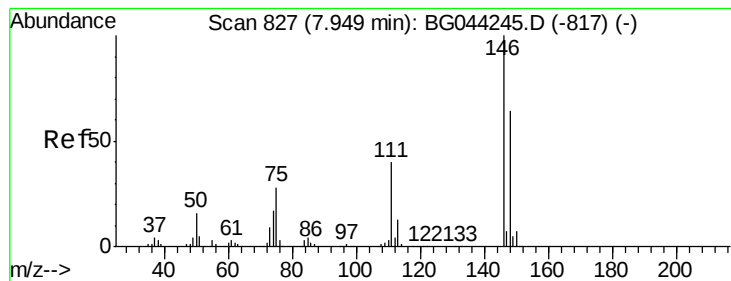
Tot Ion	93	Resp	547230
Ion	Ratio	Lower	Upper
93	100		
63	72.6	49.2	89.2
95	33.1	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 83.215 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion	146	Resp	628215
Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.8	77.8
75	29.0	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 83.957 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

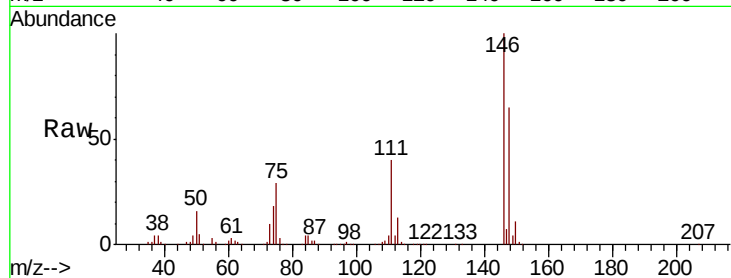
Tot Ion:146 Resp: 626523

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

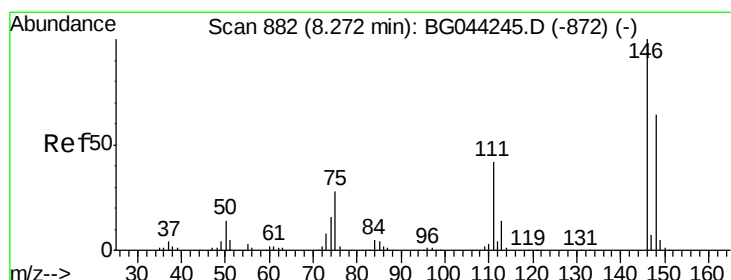
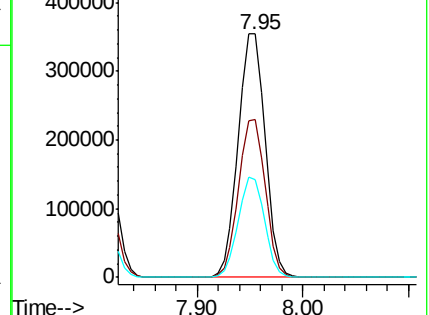
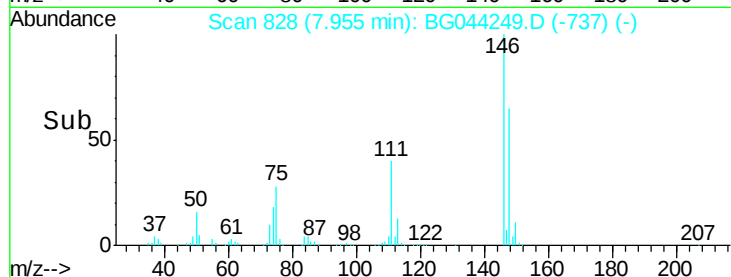
111 39.9 31.8 47.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 82.012 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

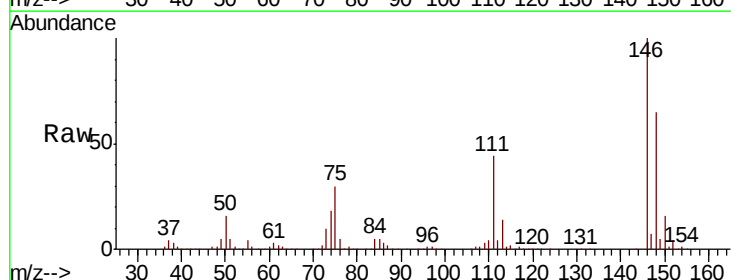
Tgt Ion:146 Resp: 584359

Ion Ratio Lower Upper

146 100

148 65.2 51.2 76.8

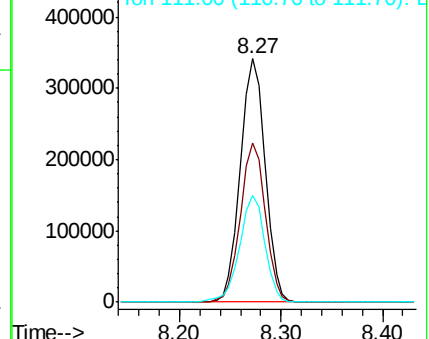
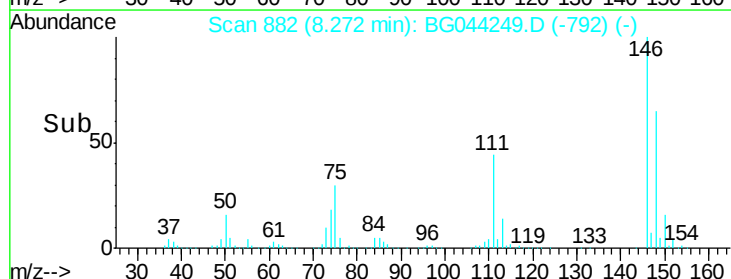
111 44.0 34.0 51.0

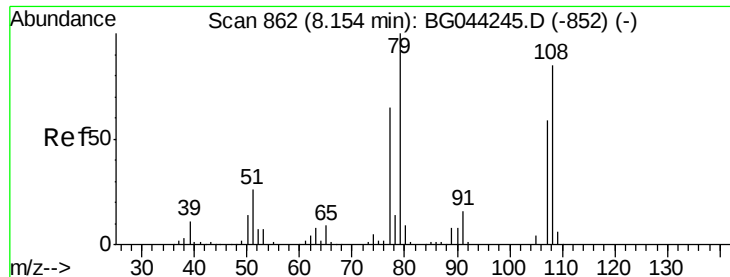


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 84.319 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

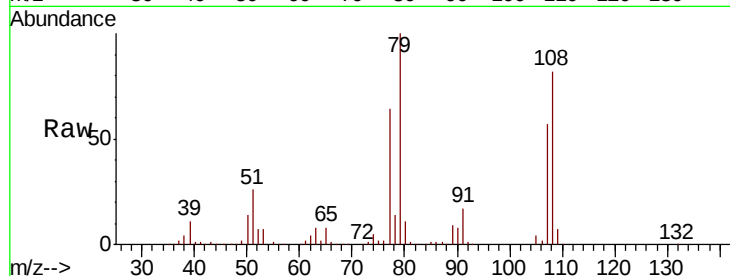
Tot Ion: 79 Resp: 477738

Ion Ratio Lower Upper

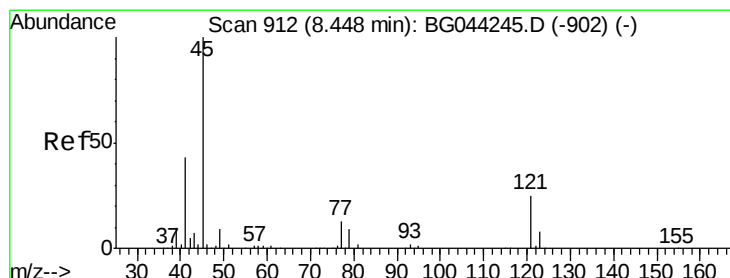
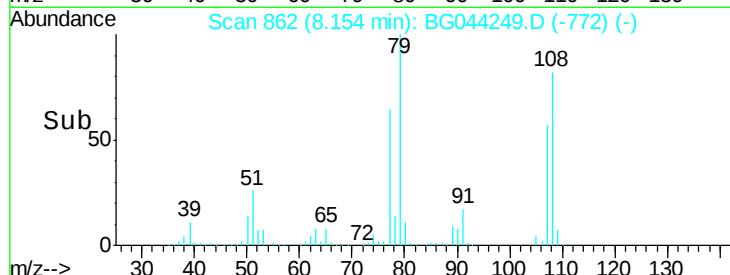
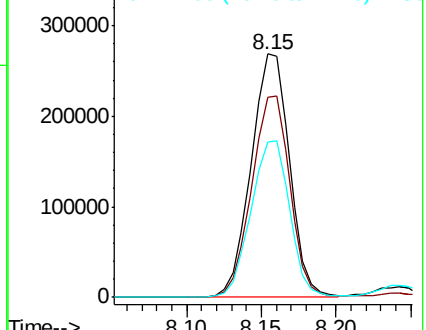
79 100

108 82.2 68.3 102.5

77 63.9 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 83.704 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

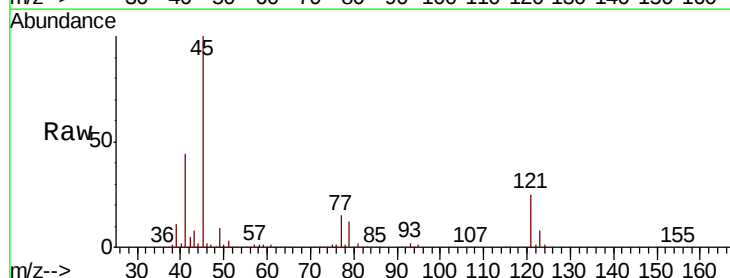
Tgt Ion: 45 Resp: 755658

Ion Ratio Lower Upper

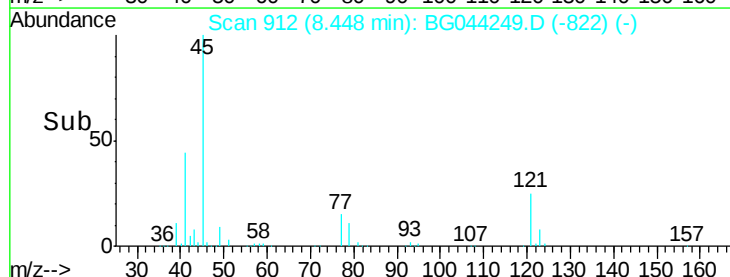
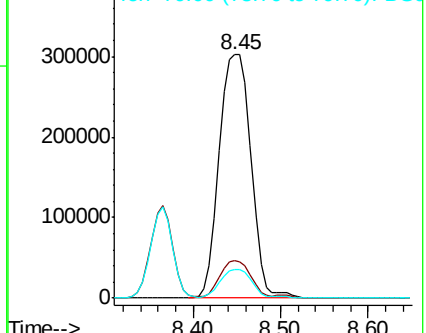
45 100

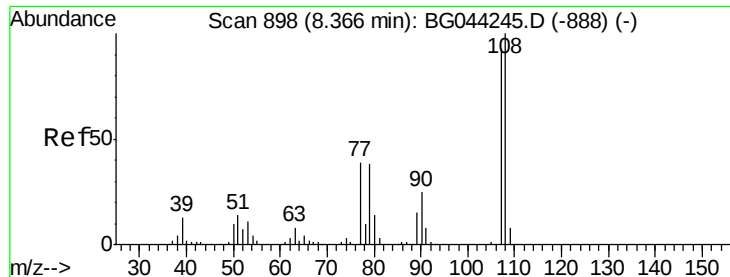
77 15.3 0.0 35.2

79 11.7 0.0 31.1



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

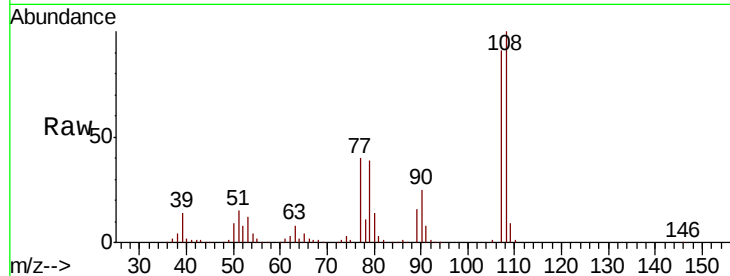




#17
2-Methylphenol
Concen: 83.842 ng
RT: 8.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	86.4	129.6
77	43.8	34.0	51.0
79	43.3	32.9	49.3



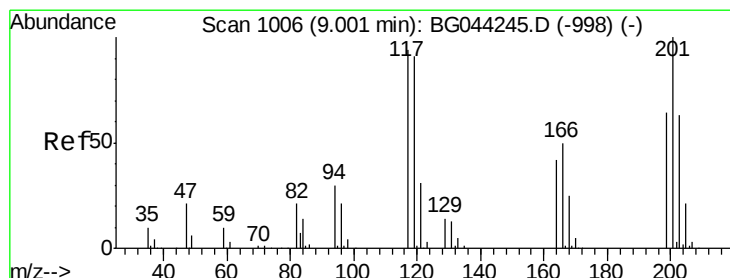
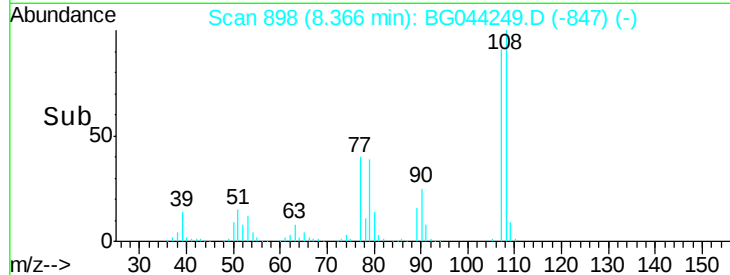
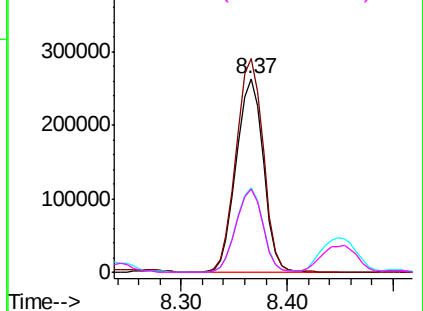
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

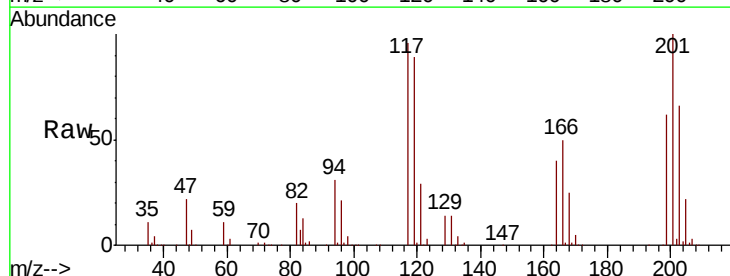
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 85.076 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.5	116.3
201	104.6	84.9	127.3

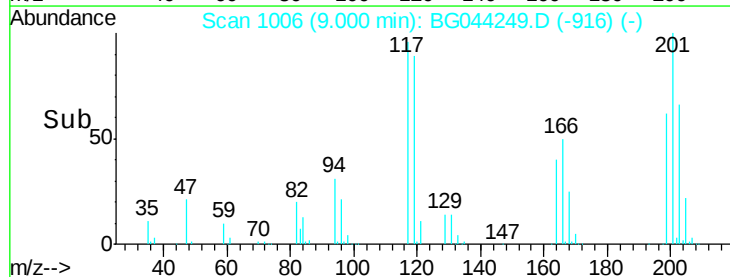
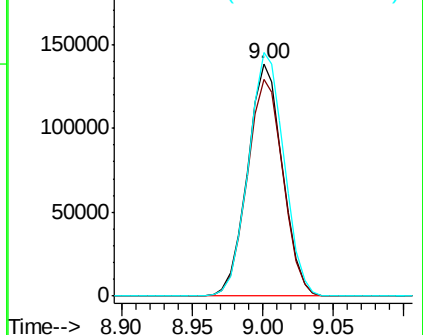


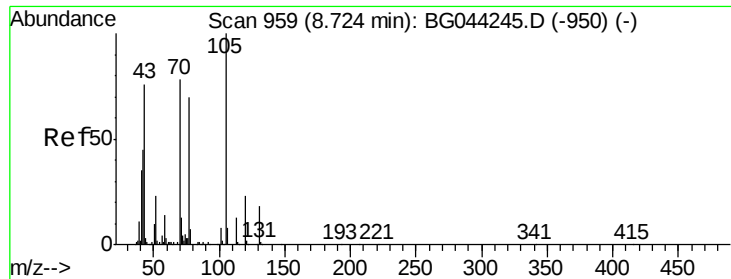
Abundance

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

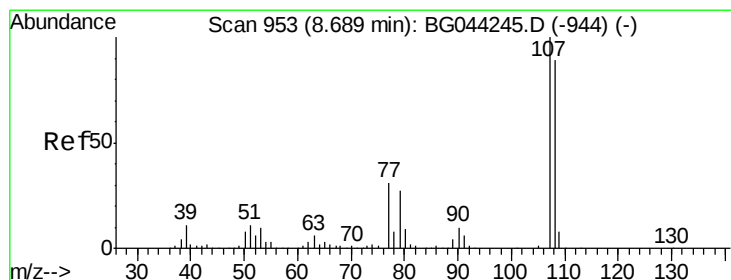
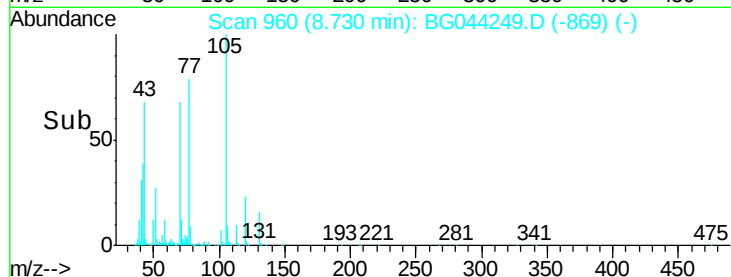
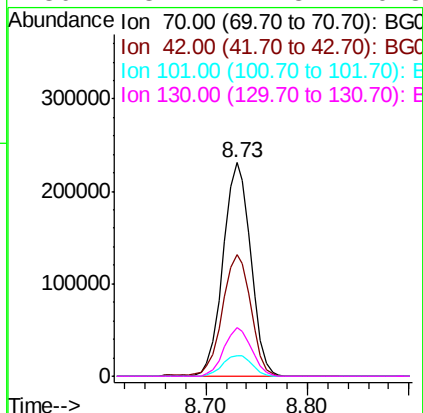
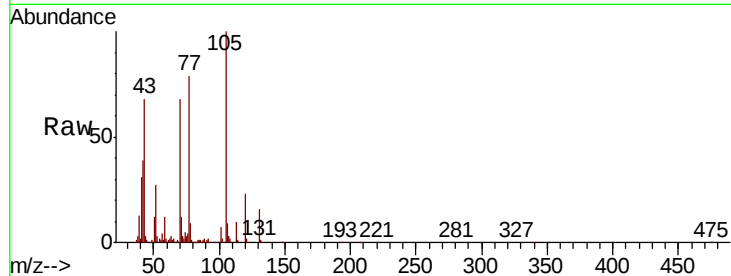




#19
n-Nitroso-di-n-propylamine
Concen: 81.520 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

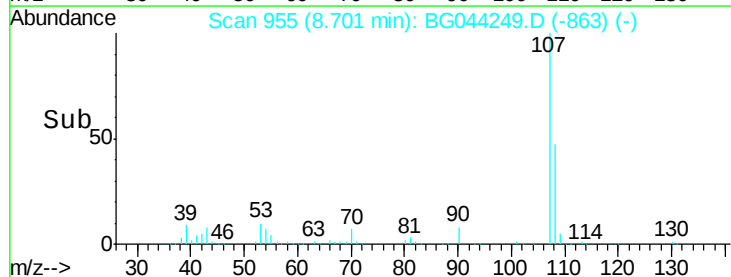
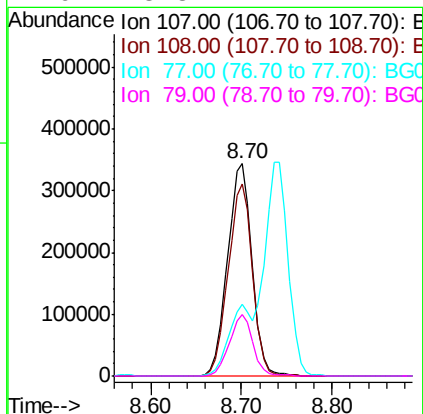
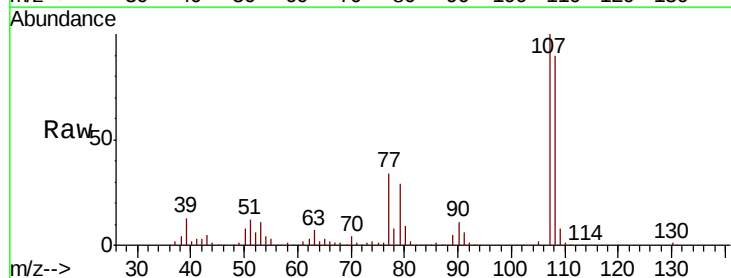
Instrument :
BNA_G
ClientSampleId :

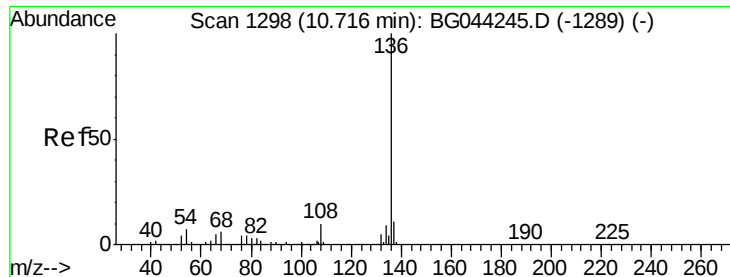
Tot Ion:	70	Resp:	434023
Ion	Ratio	Lower	Upper
70	100		
42	56.9	46.2	69.2
101	9.8	8.4	12.6
130	23.1	17.8	26.8



#20
3+4-Methylphenols
Concen: 83.041 ng
RT: 8.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion:	107	Resp:	643054
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.5	108.5
77	33.7	10.9	50.9
79	28.8	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 370827

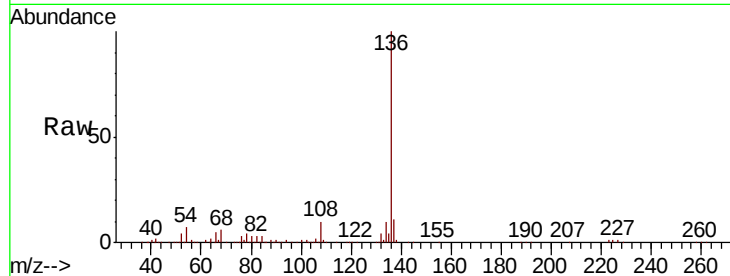
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.4 5.8 8.8

68 6.1 4.6 6.8

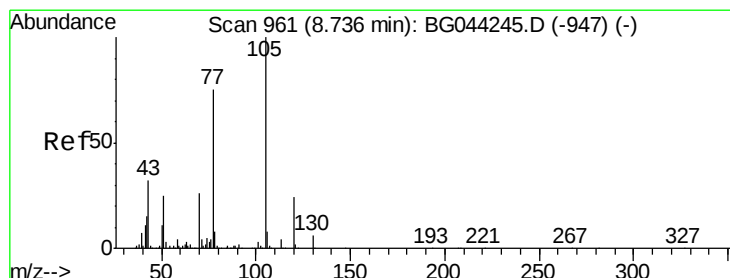
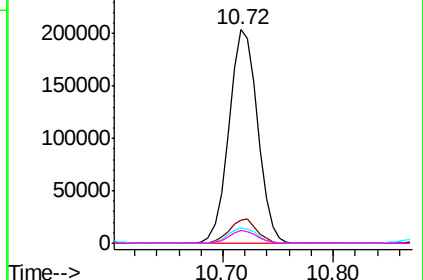
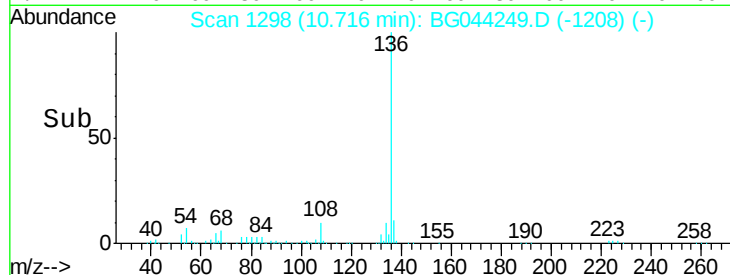


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 88.130 ng

RT: 8.74 min Scan# 962

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Tgt Ion:105 Resp: 825315

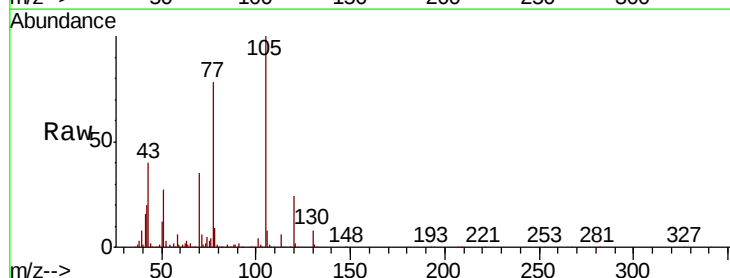
Ion Ratio Lower Upper

105 100

71 6.4 3.4 5.0#

51 26.6 20.2 30.4

120 24.3 19.1 28.7

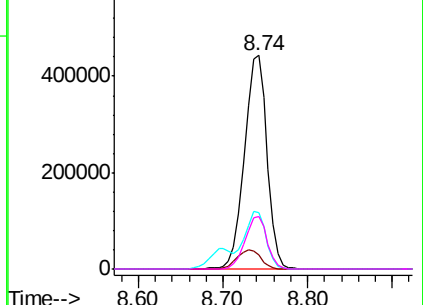
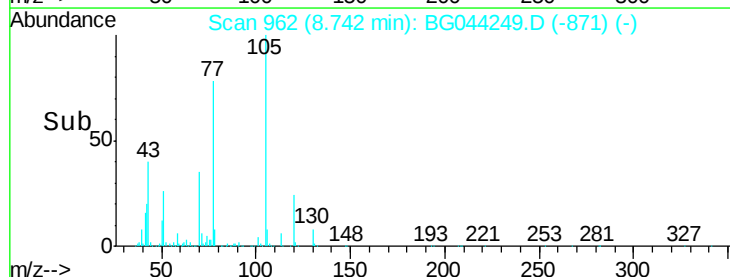


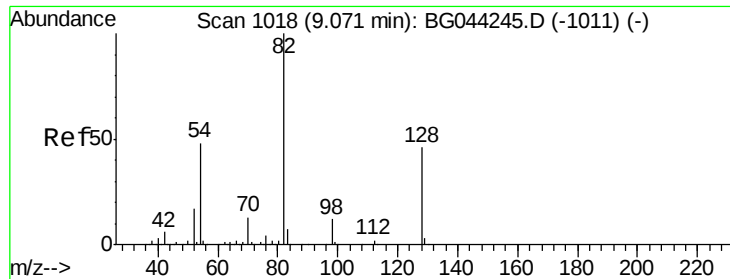
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

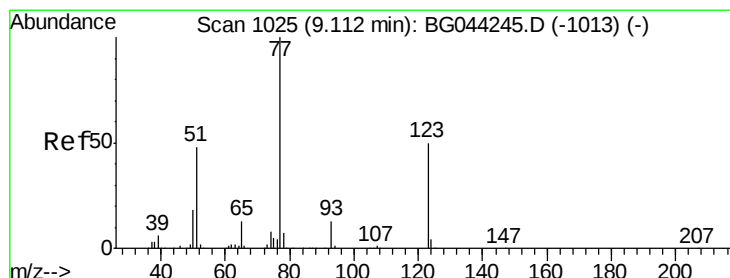
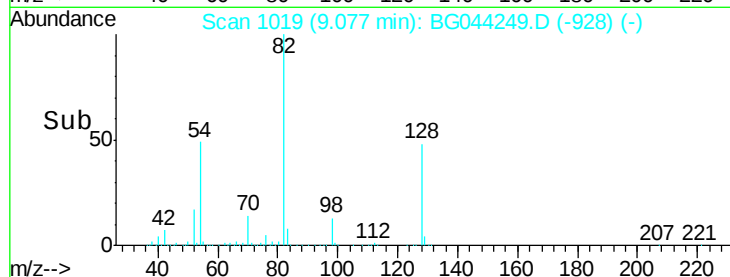
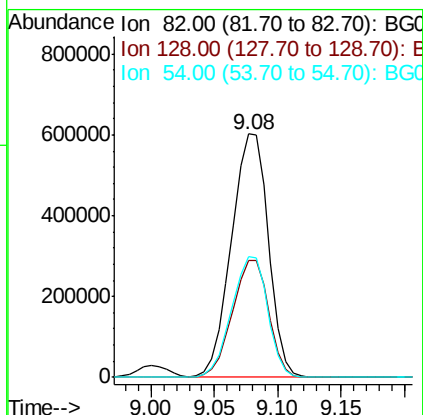
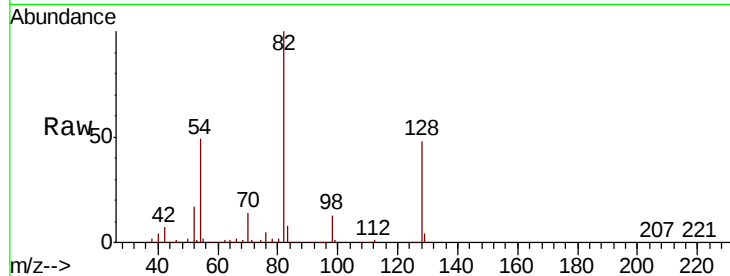




#23
 Nitrobenzene-d5
 Concen: 181.061 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

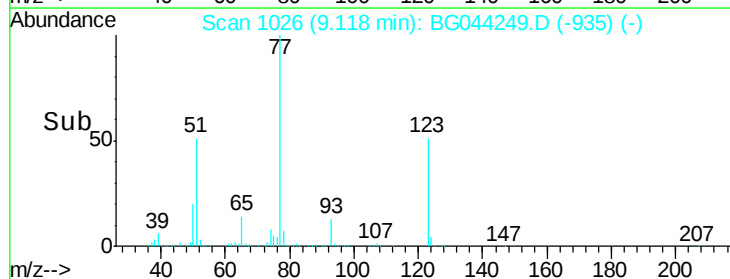
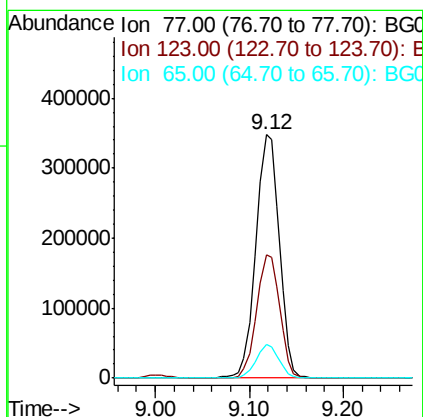
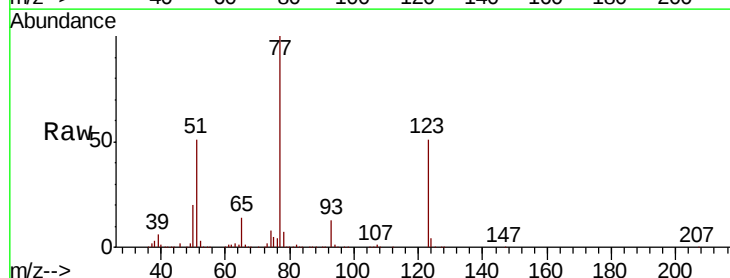
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 1214586
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.5 54.7
 54 49.4 38.6 58.0



#24
 Nitrobenzene
 Concen: 89.359 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion: 77 Resp: 600617
 Ion Ratio Lower Upper
 77 100
 123 50.7 39.9 59.9
 65 13.8 10.4 15.6





#25

Isophorone

Concen: 89.806 ng

RT: 9.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

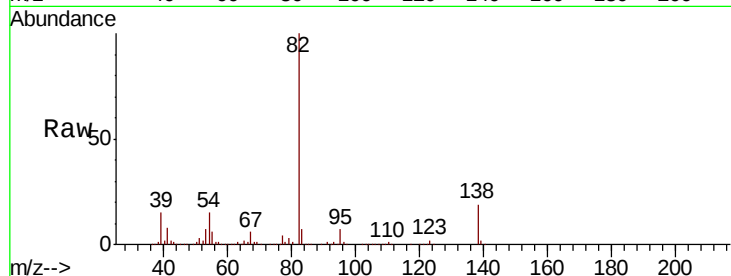
Tot Ion: 82 Resp: 1167232

Ion Ratio Lower Upper

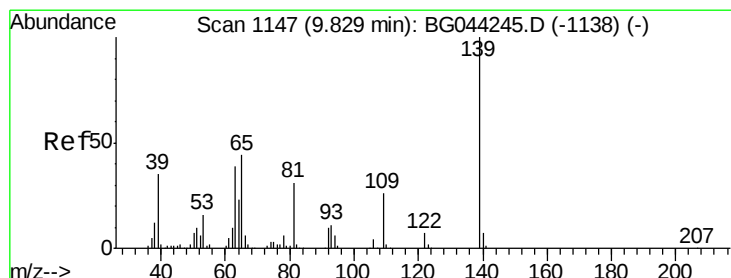
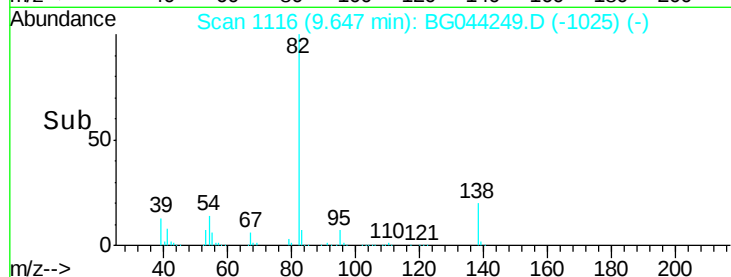
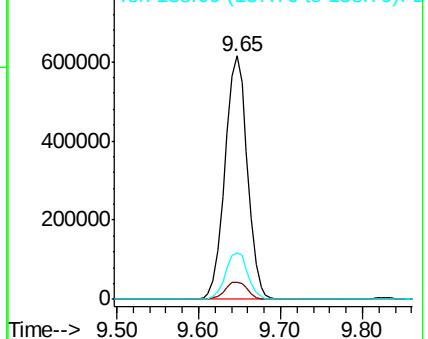
82 100

95 7.3 5.7 8.5

138 19.4 15.0 22.4



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



#26

2-Nitrophenol

Concen: 93.724 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

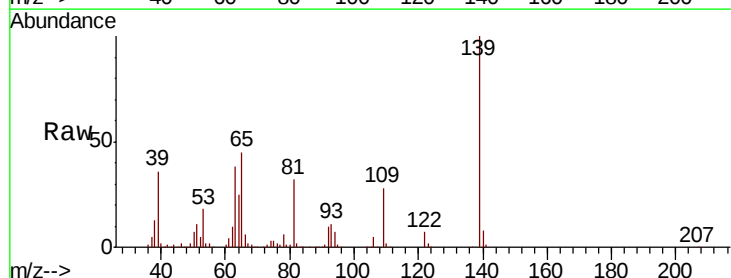
Tgt Ion: 139 Resp: 332034

Ion Ratio Lower Upper

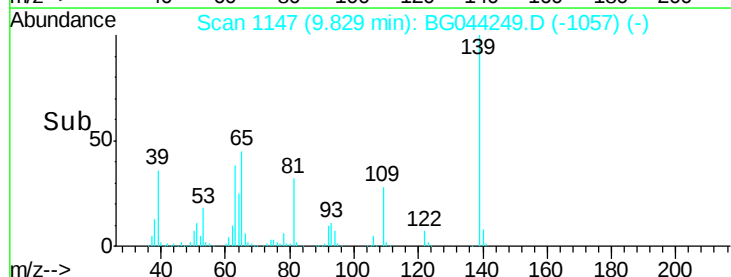
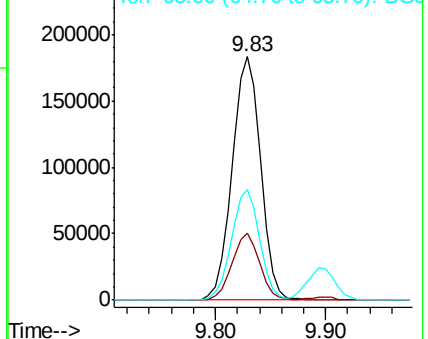
139 100

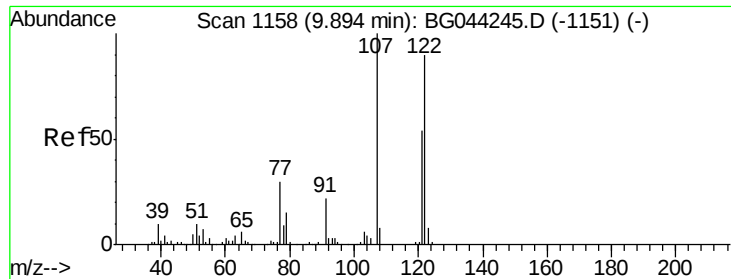
109 27.6 21.0 31.4

65 45.1 35.0 52.4



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

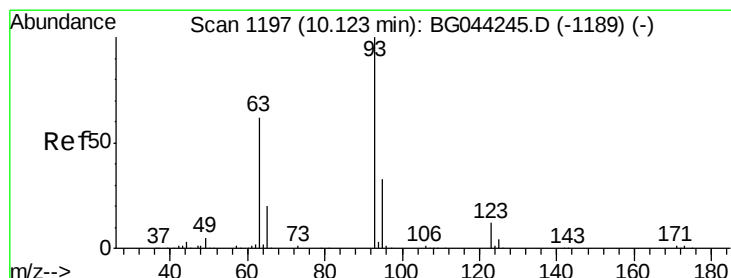
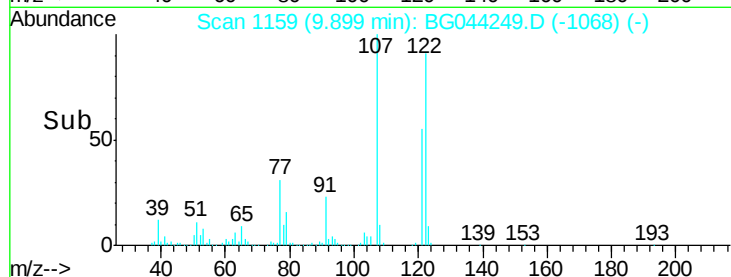
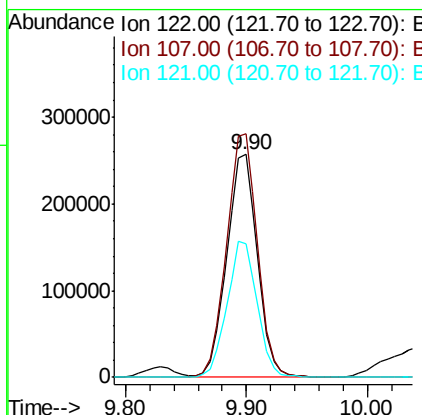
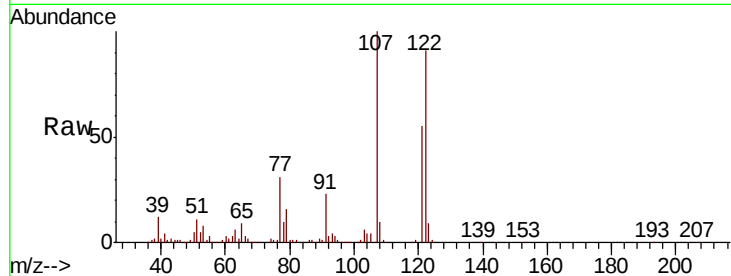




#27
 2,4-Dimethylphenol
 Concen: 91.539 ng
 RT: 9.90 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

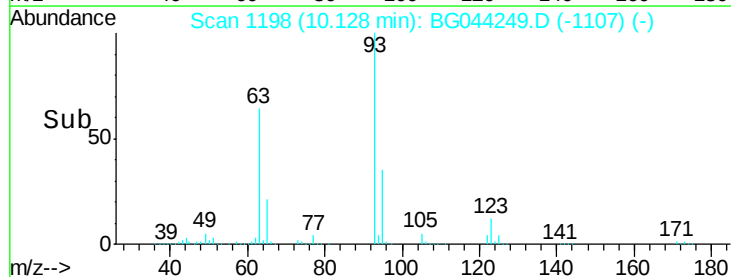
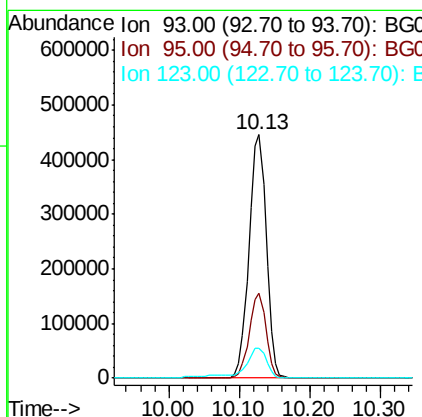
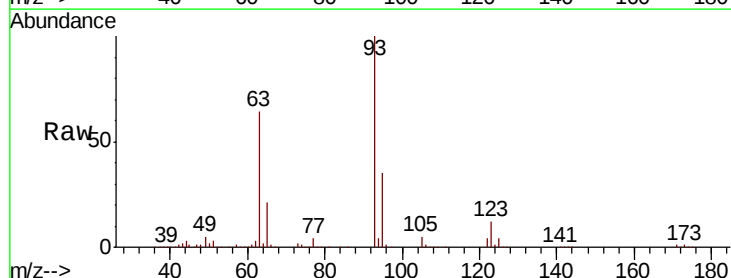
Instrument :
 BNA_G
 ClientSampleId :

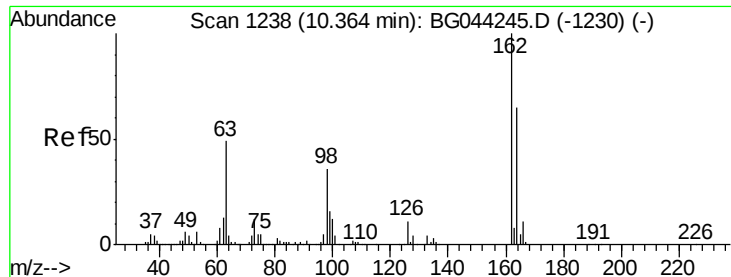
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	88.8	133.2
121	59.8	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 88.488 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.1	26.6	40.0
123	12.3	10.0	15.0

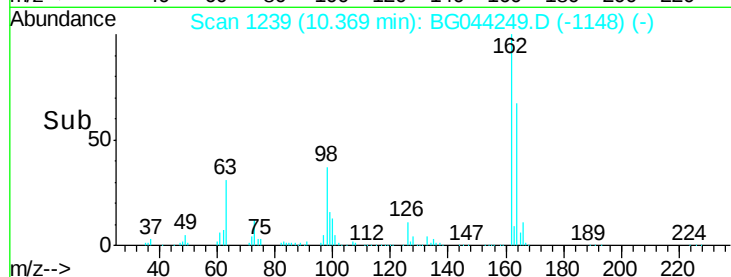
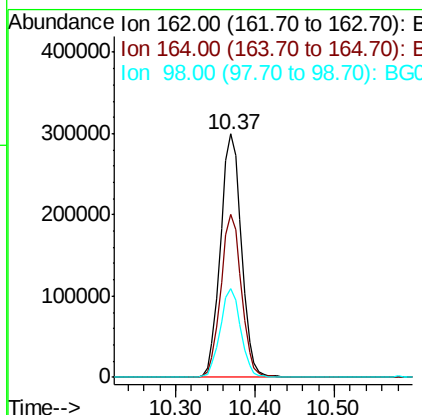
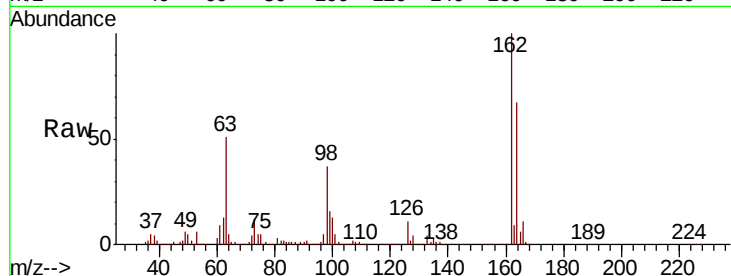




#29
 2,4-Dichlorophenol
 Concen: 91.798 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

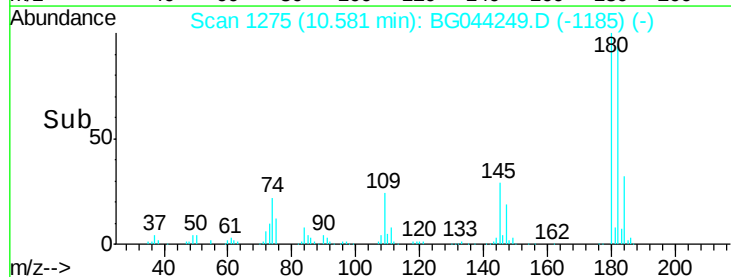
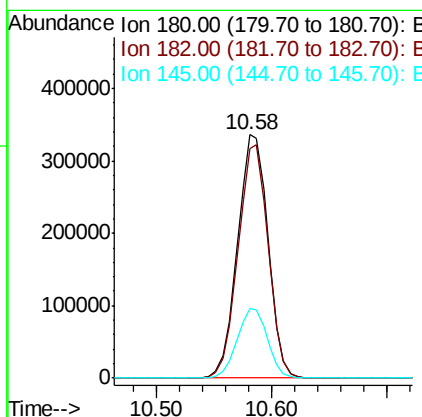
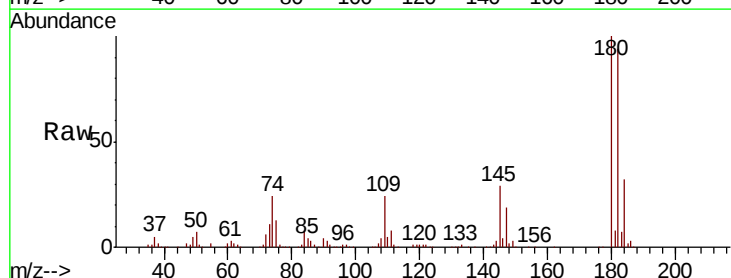
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	44.7	84.7
98	36.7	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 90.126 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.5	113.3
145	28.5	22.6	34.0

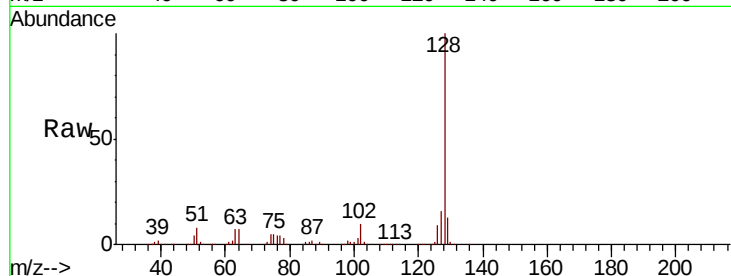




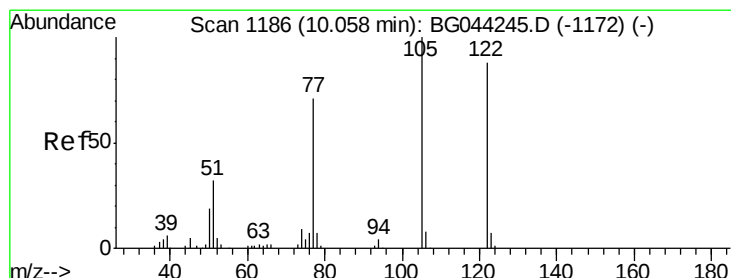
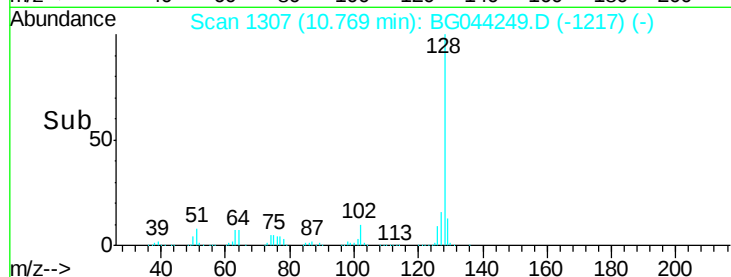
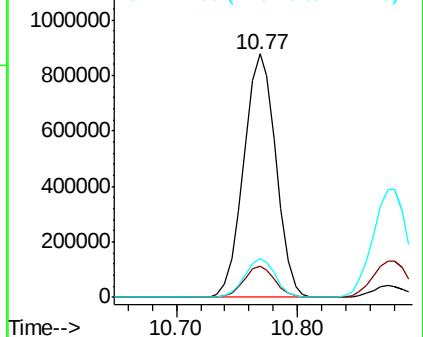
#31
Naphthalene
Concen: 87.044 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 1625631
Ion Ratio Lower Upper
128 100
129 12.7 9.3 13.9
127 16.1 11.6 17.4

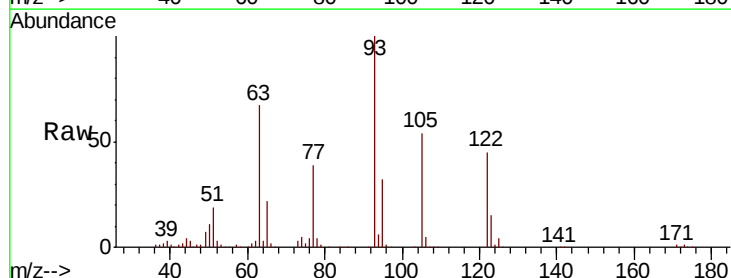


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

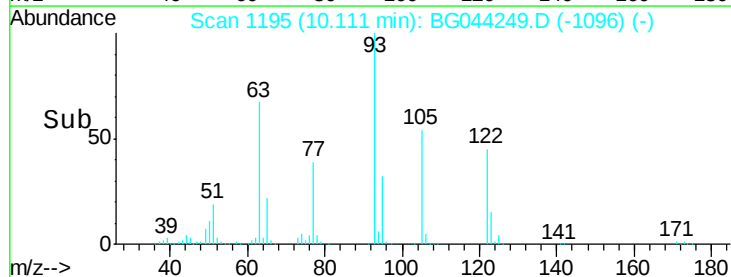
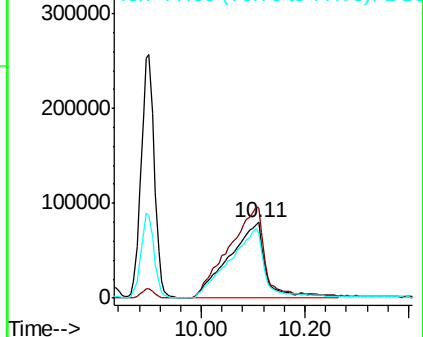


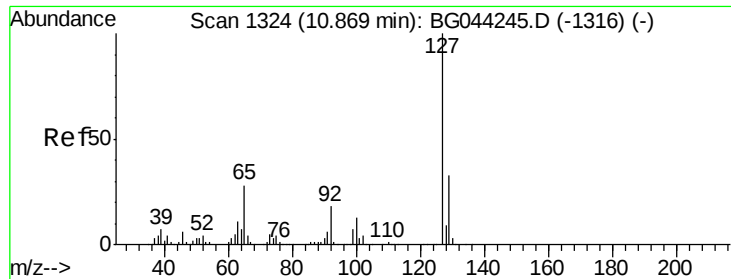
#32
Benzoic acid
Concen: 129.793 ng
RT: 10.11 min Scan# 1195
Delta R.T. 0.05 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion:122 Resp: 387990
Ion Ratio Lower Upper
122 100
105 118.7 93.5 133.5
77 85.7 61.0 101.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

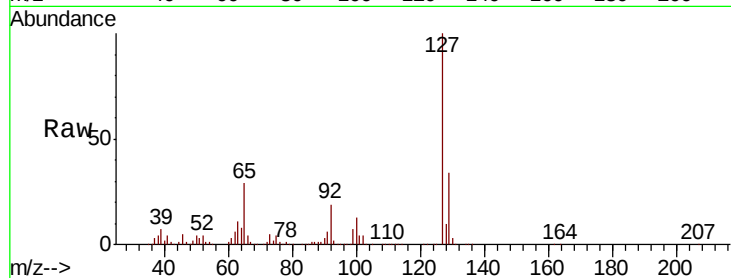




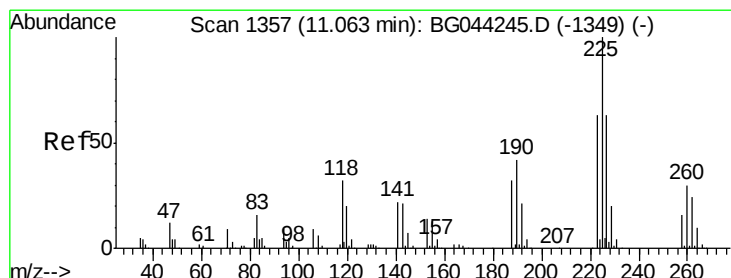
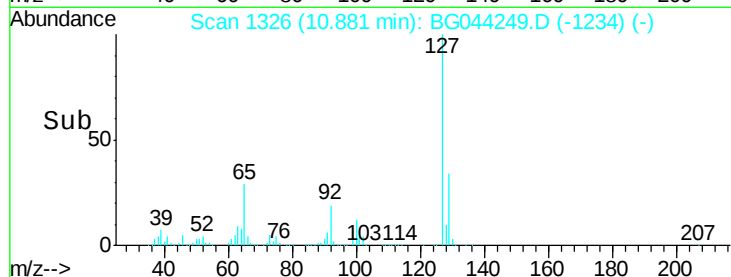
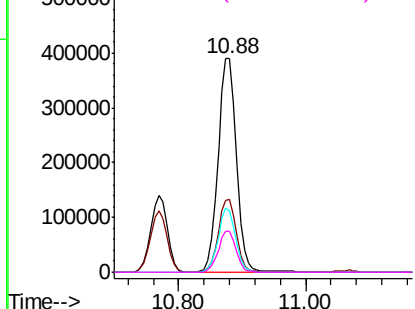
#33
4-Chloroaniline
Concen: 90.806 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	790907
Ion Ratio	Lower	Upper
127 100		
129 33.9	26.6	40.0
65 28.7	22.5	33.7
92 19.1	14.1	21.1

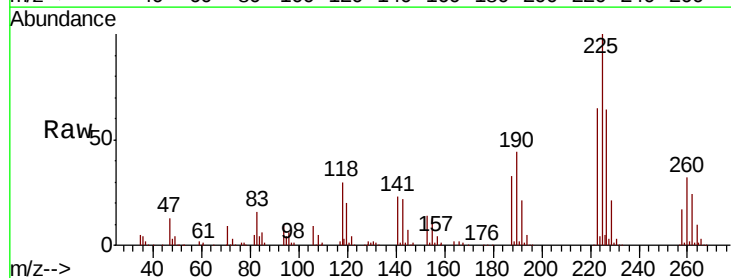


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

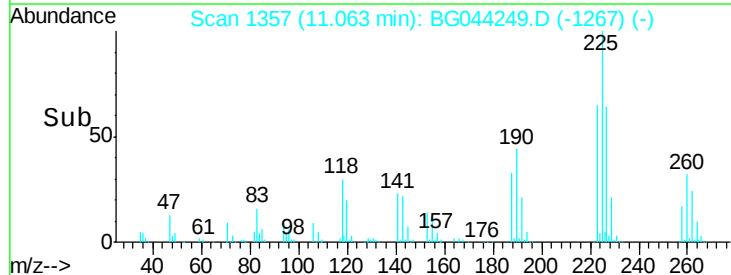
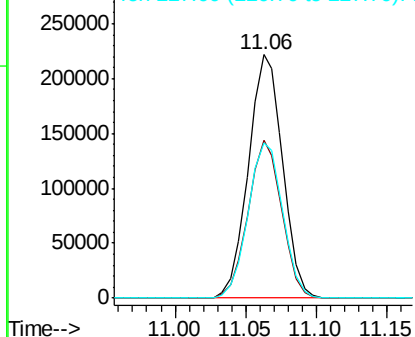


#34
Hexachlorobutadiene
Concen: 90.087 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion	225	Resp: Lower	375929 Upper
	Ratio		
225	100		
223	64.6	50.2	75.4
227	63.8	50.8	76.2



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

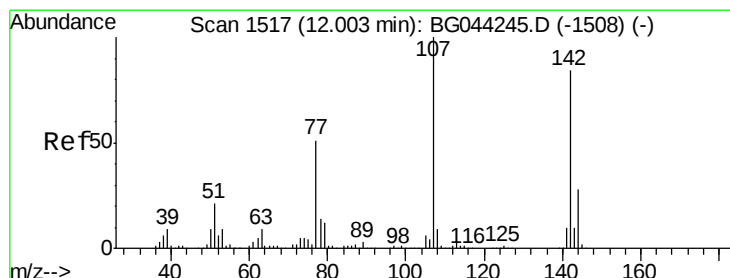
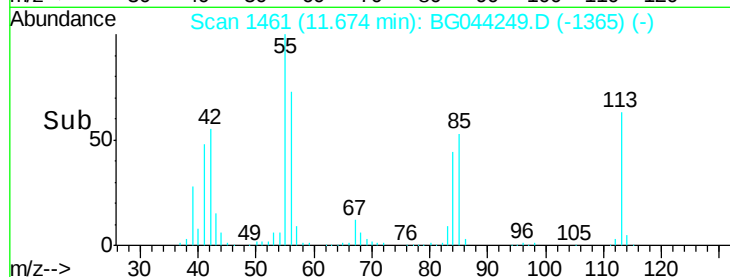
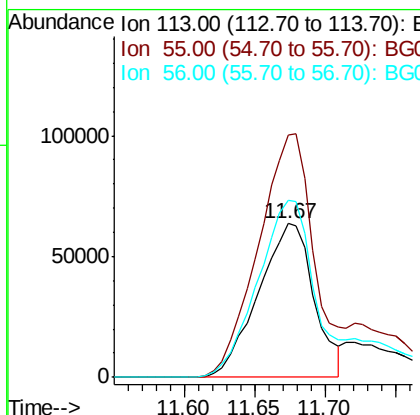
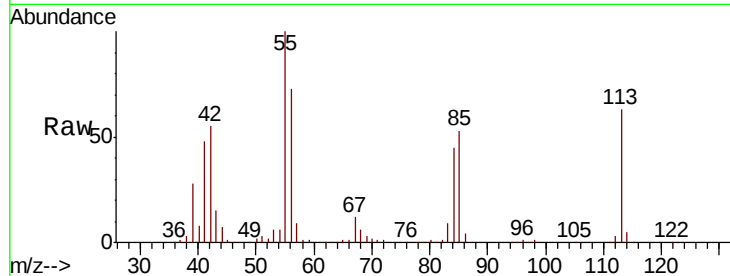




#35
 Caprolactam
 Concen: 78.597 ng
 RT: 11.67 min Scan# 1461
 Delta R.T. 0.04 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

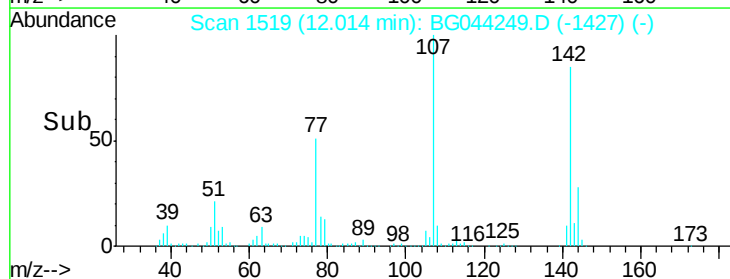
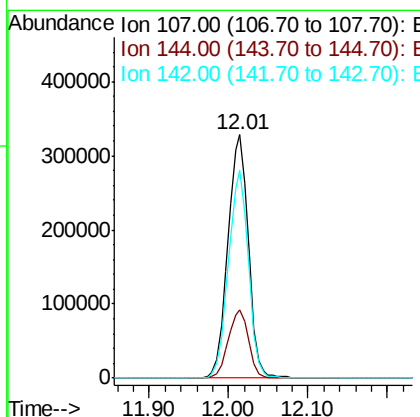
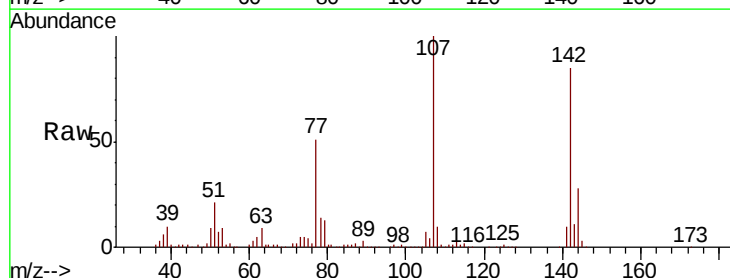
Instrument :
 BNA_G
 ClientSampleId :

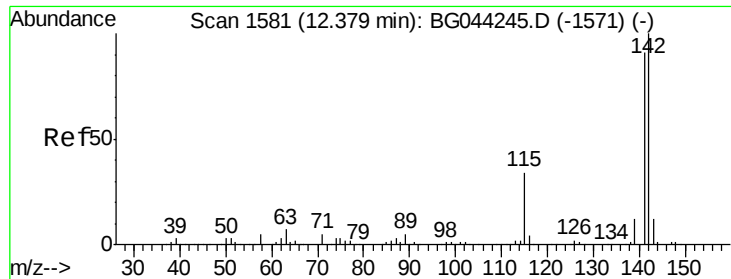
Tot Ion:113 Resp: 174692
 Ion Ratio Lower Upper
 113 100
 55 157.7 129.9 169.9
 56 114.7 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 92.485 ng
 RT: 12.01 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion:107 Resp: 584868
 Ion Ratio Lower Upper
 107 100
 144 28.3 22.2 33.4
 142 85.4 67.4 101.0

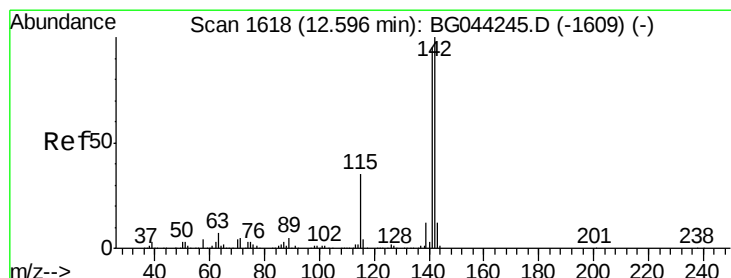
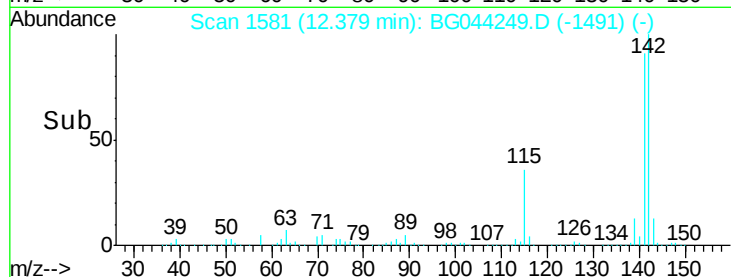
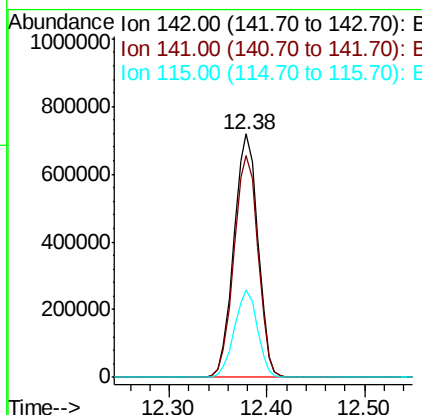
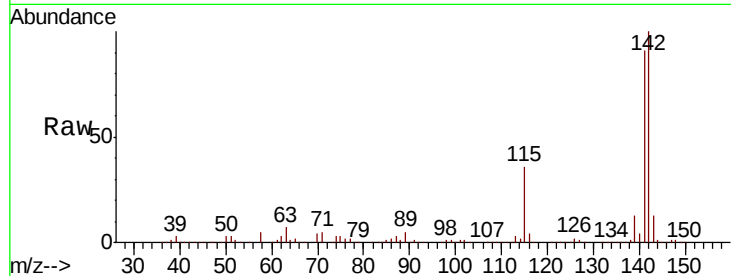




#37
2-Methylnaphthalene
Concen: 87.667 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

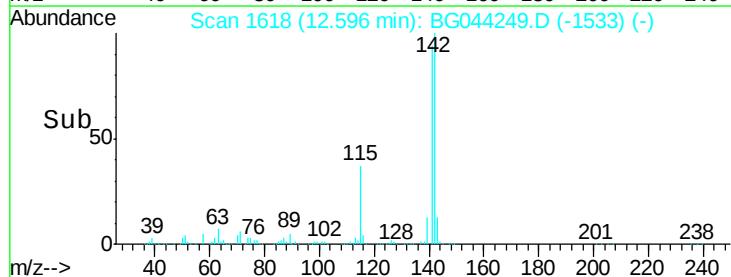
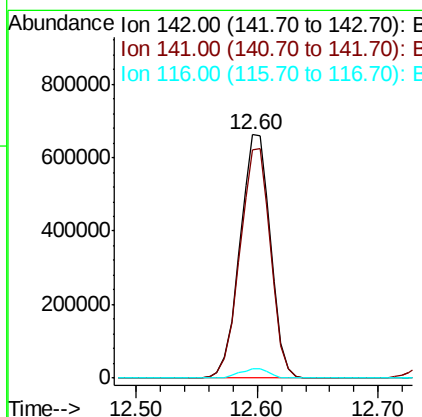
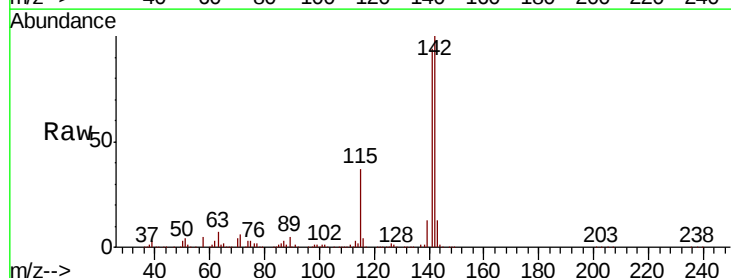
Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 1225789
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8
115 35.8 27.1 40.7



#38
1-Methylnaphthalene
Concen: 87.184 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion:142 Resp: 1160361
Ion Ratio Lower Upper
142 100
141 93.6 75.8 113.6
116 4.1 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG044249.D

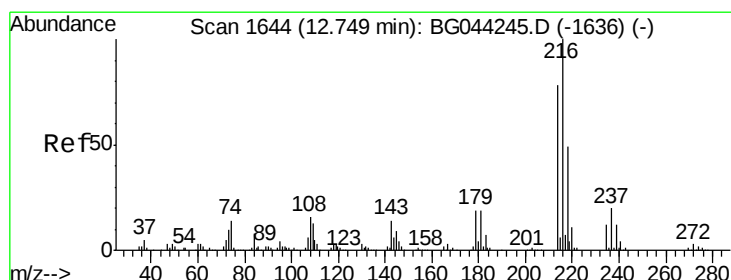
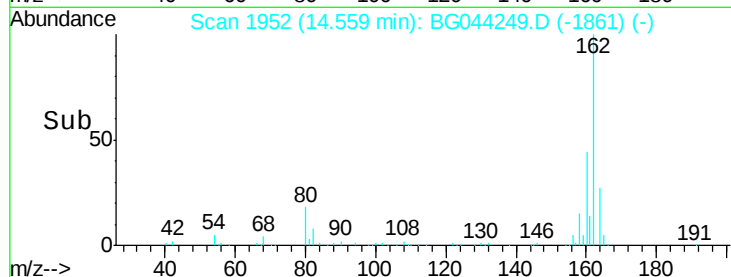
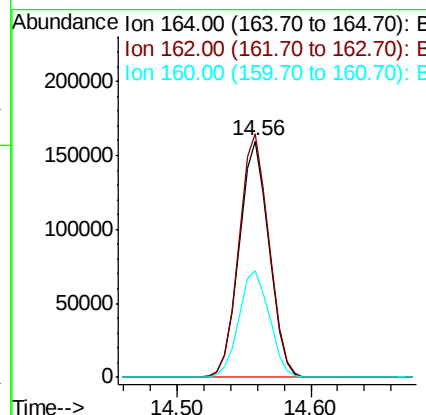
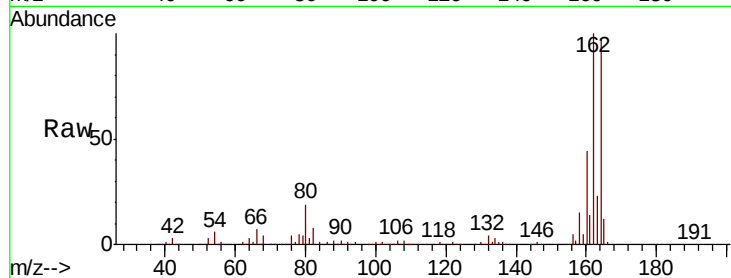
Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	164	Resp:	247117
Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.7	121.1
160	44.9	35.3	52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 88.184 ng

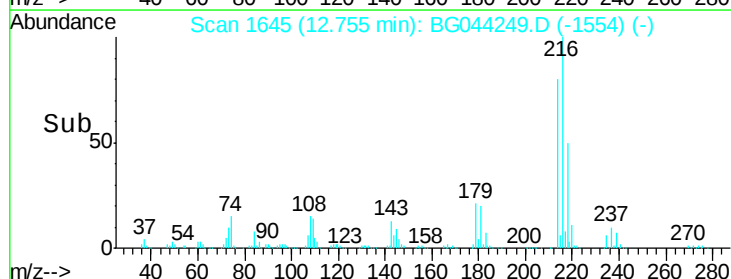
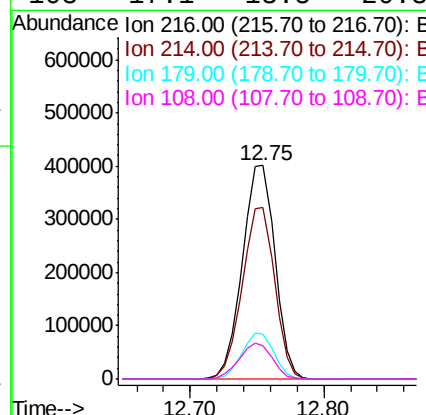
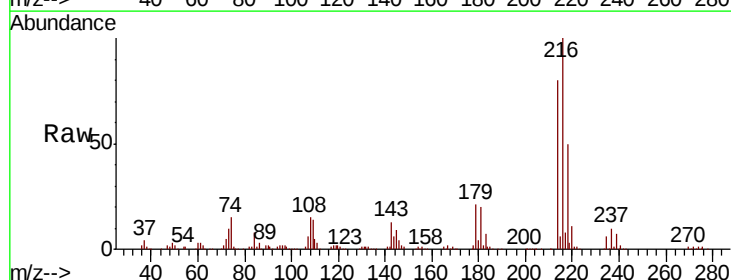
RT: 12.75 min Scan# 1645

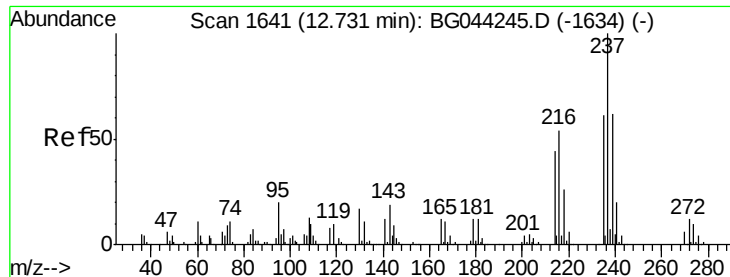
Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Tgt Ion:	216	Resp:	677042
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.6
179	21.2	16.2	24.4
108	17.1	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 95.462 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

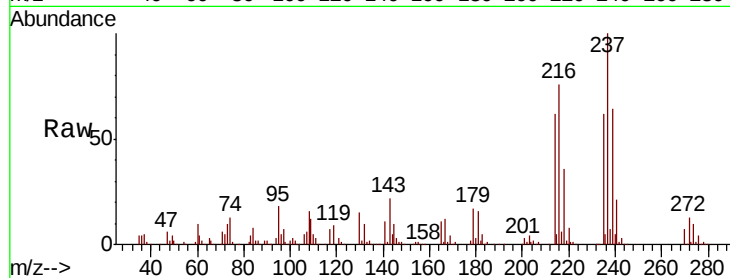
Tot Ion:237 Resp: 360192

Ion Ratio Lower Upper

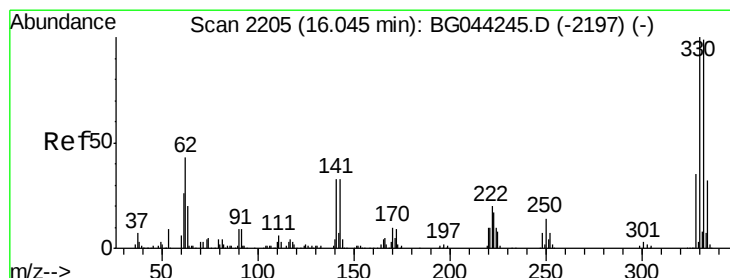
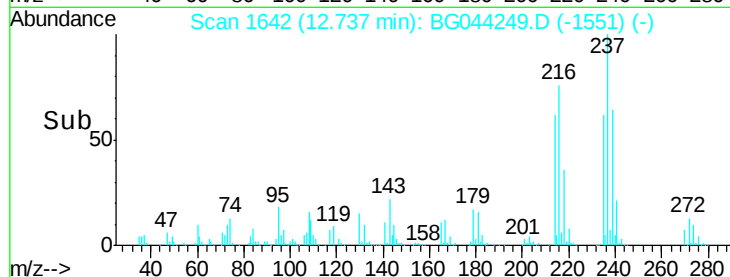
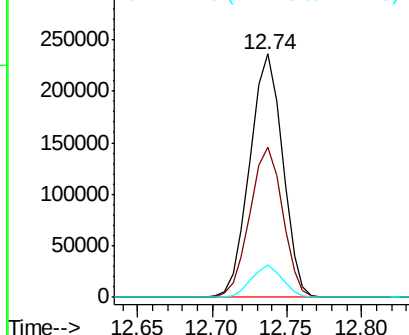
237 100

235 61.6 41.2 81.2

272 13.2 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 192.077 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

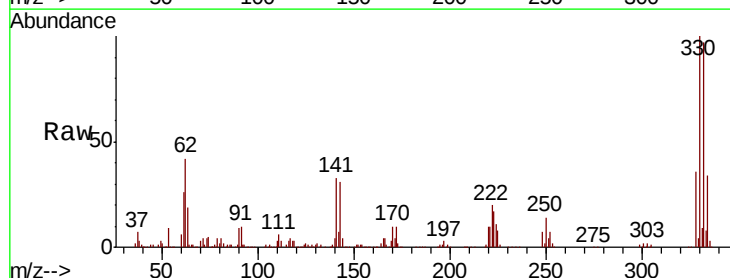
Tgt Ion:330 Resp: 576765

Ion Ratio Lower Upper

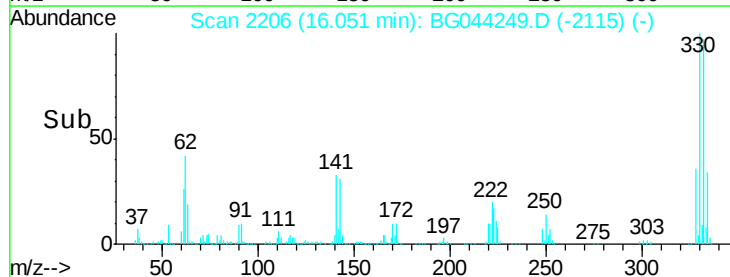
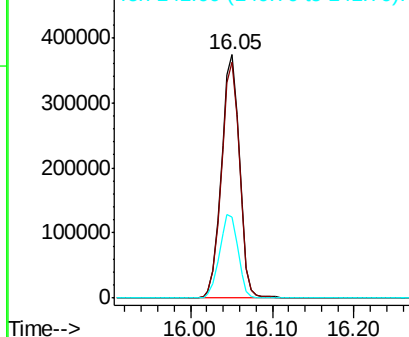
330 100

332 97.1 77.2 115.8

141 35.4 28.3 42.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

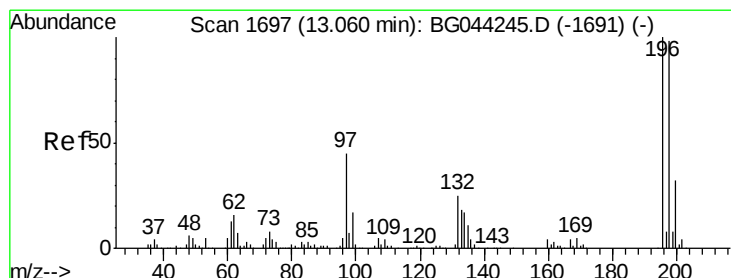
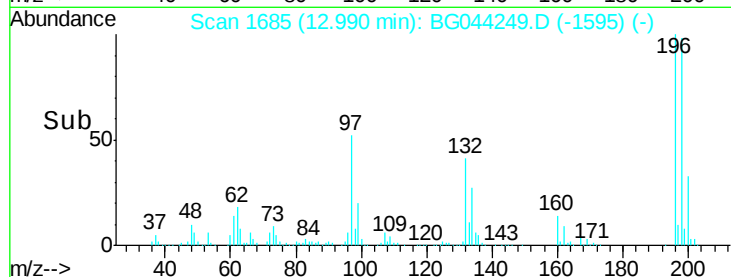
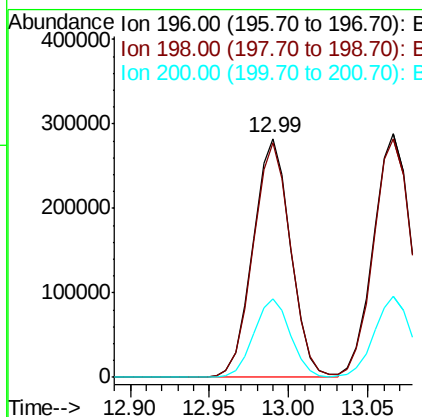
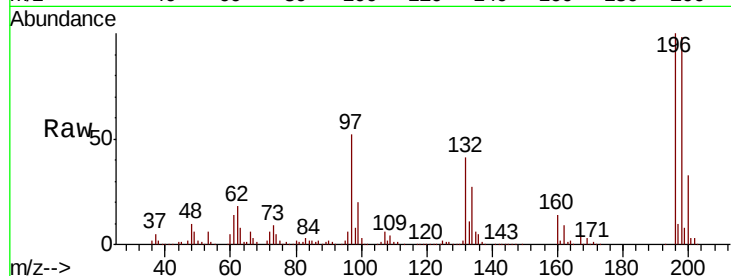




#43
 2,4,6-Trichlorophenol
 Concen: 93.620 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

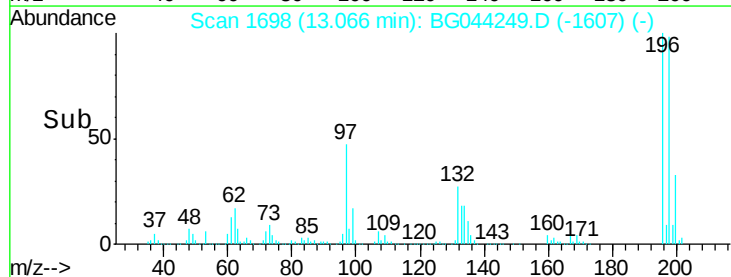
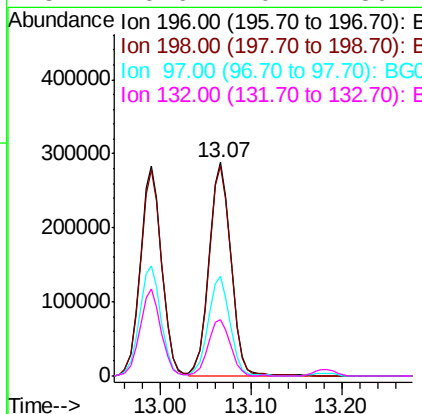
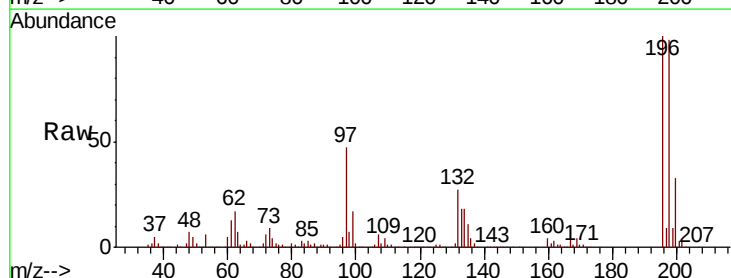
Instrument :
 BNA_G
 ClientSampled :

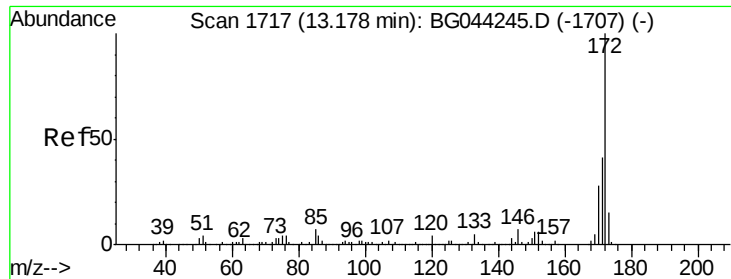
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.3	118.9
200	32.7	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 94.868 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.2	117.2
97	46.6	36.2	54.4
132	26.6	20.2	30.4

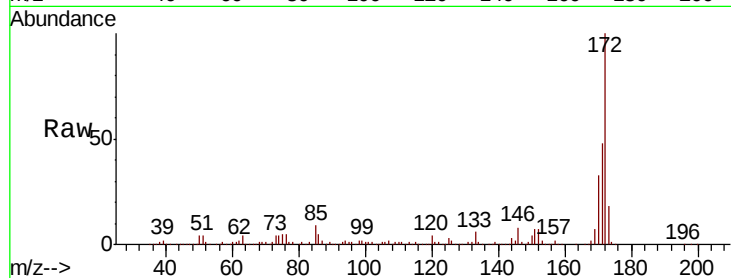




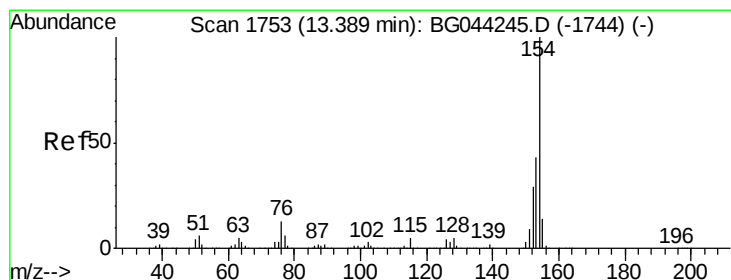
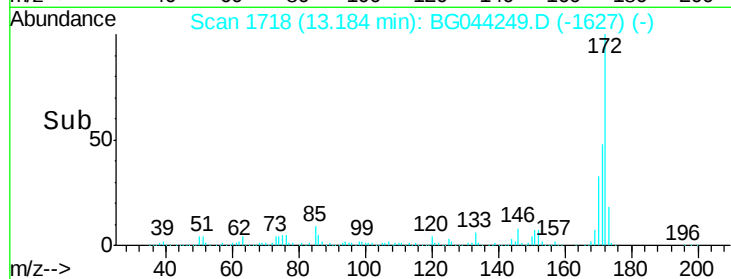
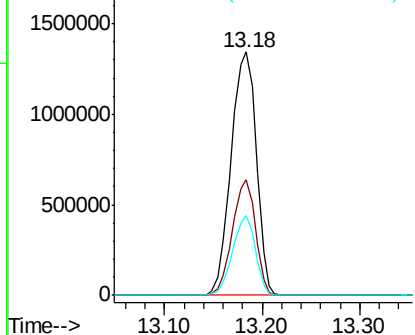
#45
 2-Fluorobiphenyl
 Concen: 160.839 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 2409820
 Ion Ratio Lower Upper
 172 100
 171 47.5 32.9 49.3
 170 32.9 22.0 33.0

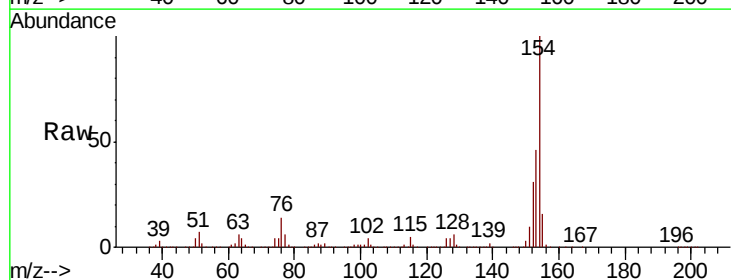


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

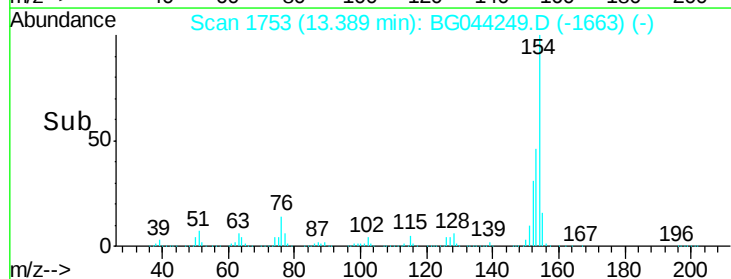
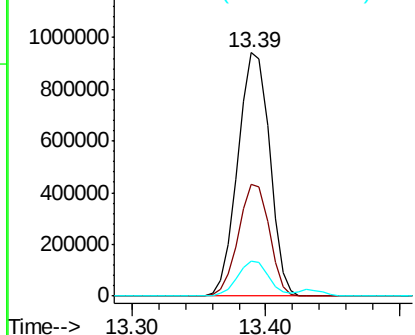


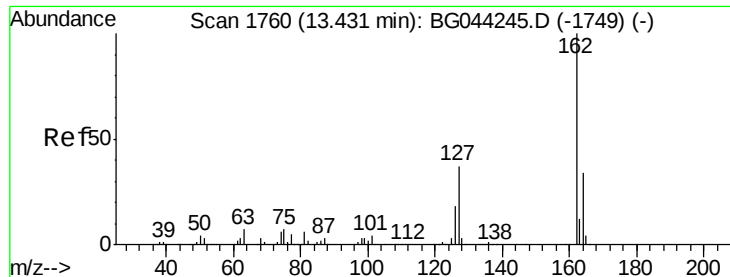
#46
 1,1'-Biphenyl
 Concen: 84.320 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion:154 Resp: 1558520
 Ion Ratio Lower Upper
 154 100
 153 46.1 22.7 62.7
 76 14.4 0.0 32.9



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): BG0

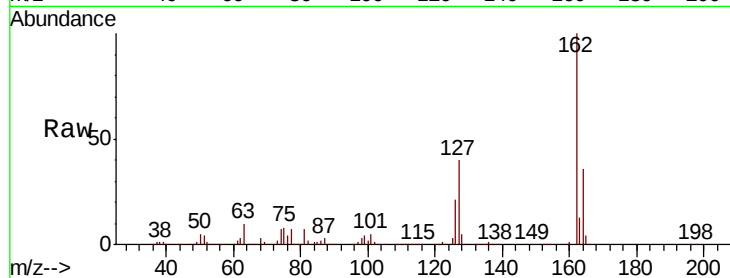




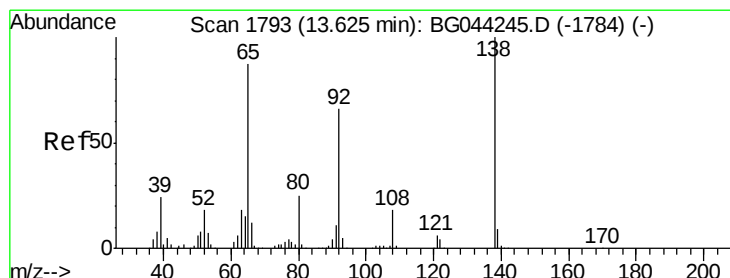
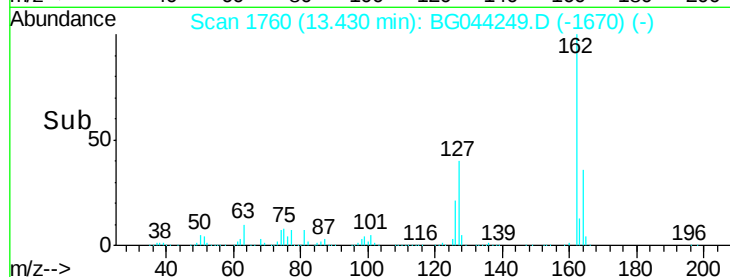
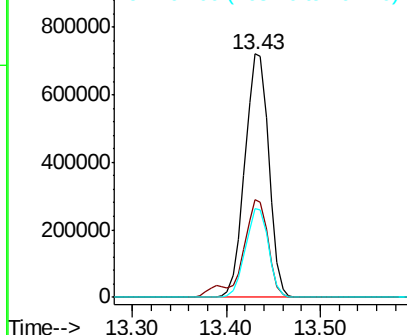
#47
 2-Chloronaphthalene
 Concen: 84.997 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 1264923
 Ion Ratio Lower Upper
 162 100
 127 40.2 30.0 45.0
 164 36.4 27.2 40.8

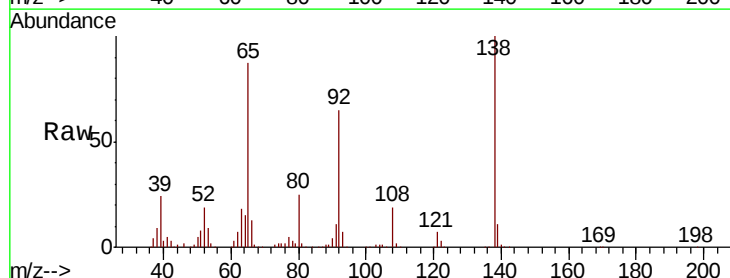


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

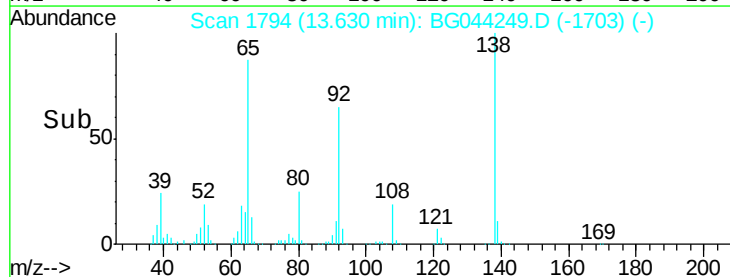
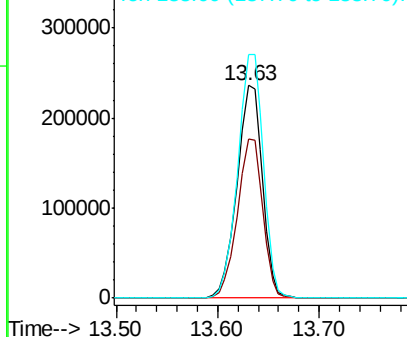


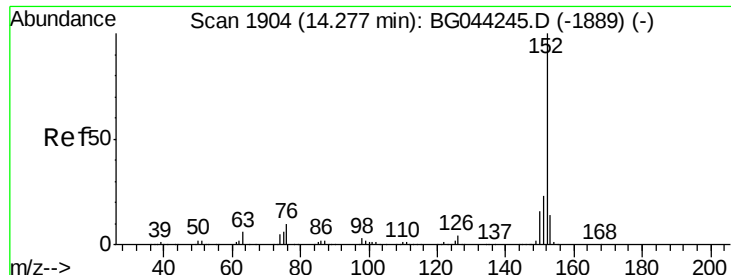
#48
 2-Nitroaniline
 Concen: 92.384 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion: 65 Resp: 412513
 Ion Ratio Lower Upper
 65 100
 92 74.7 60.3 90.5
 138 114.7 91.9 137.9



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





#49

Acenaphthylene

Concen: 84.055 ng

RT: 14.28 min Scan# 1905

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampled :

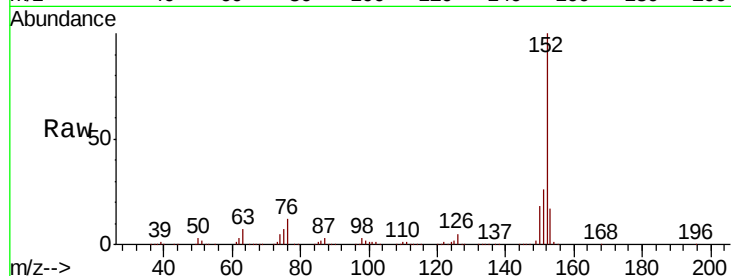
Tot Ion:152 Resp: 1829455

Ion Ratio Lower Upper

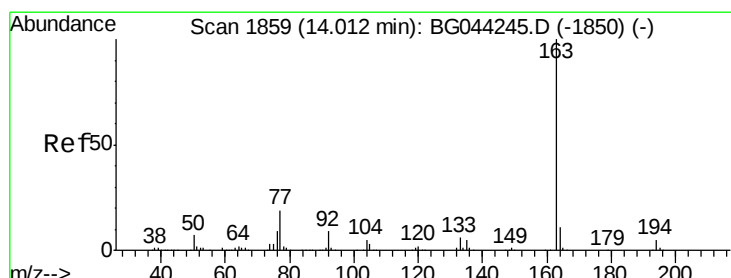
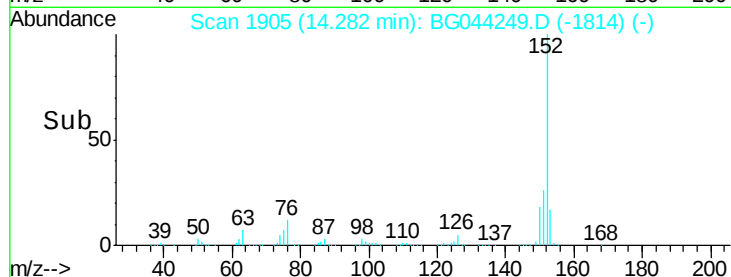
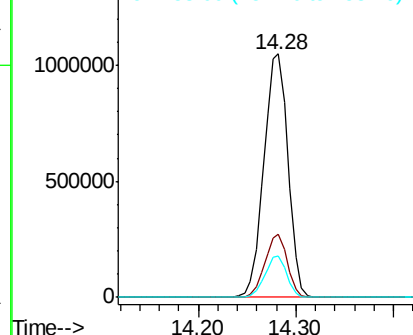
152 100

151 26.1 18.1 27.1

153 16.7 11.5 17.3



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: 85.399 ng

RT: 14.02 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

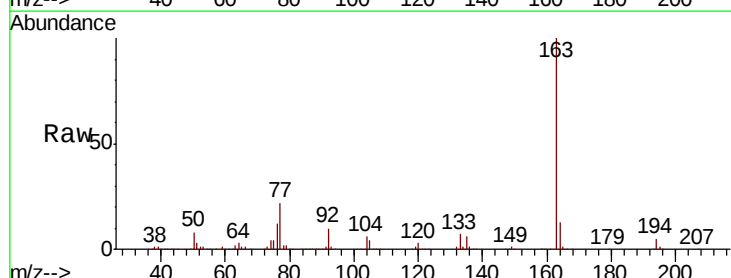
Tgt Ion:163 Resp: 1588414

Ion Ratio Lower Upper

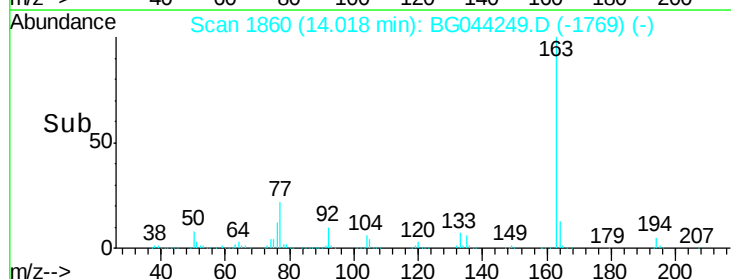
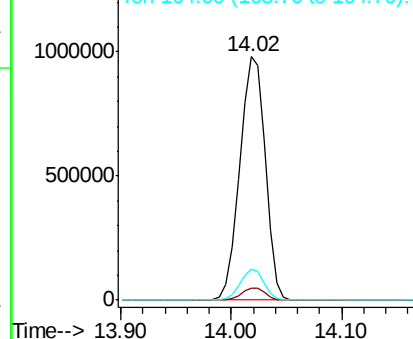
163 100

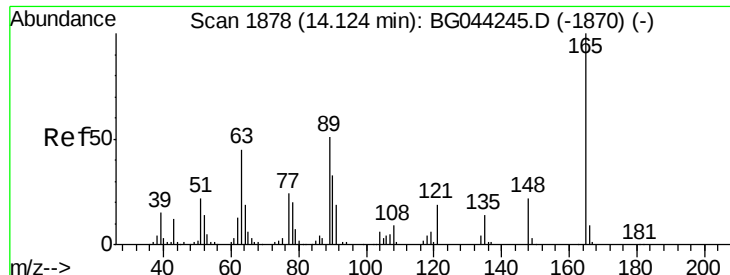
194 5.0 3.6 5.4

164 12.6 8.7 13.1



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

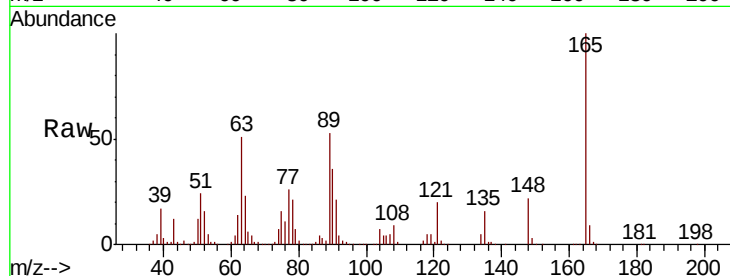




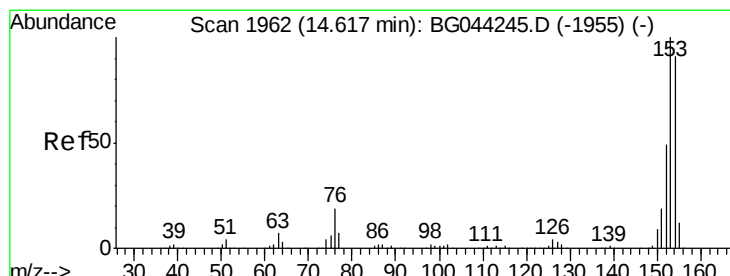
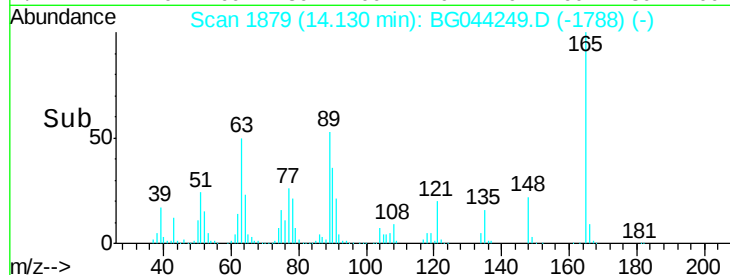
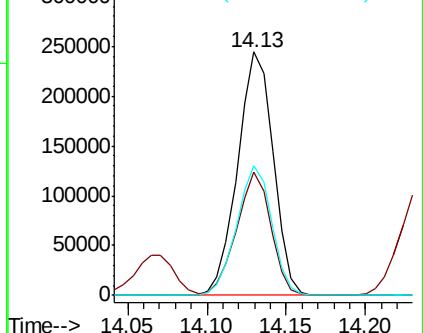
#51
 2,6-Dinitrotoluene
 Concen: 91.053 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 381076
 Ion Ratio Lower Upper
 165 100
 63 50.7 38.7 58.1
 89 53.3 40.4 60.6

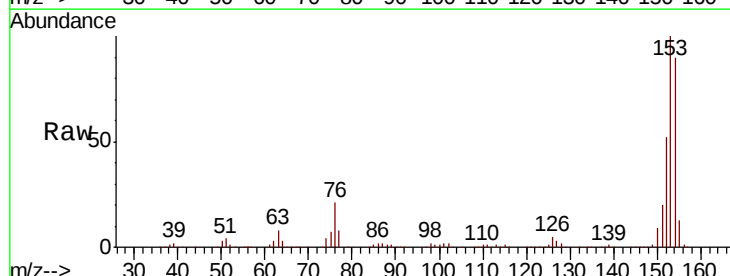


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

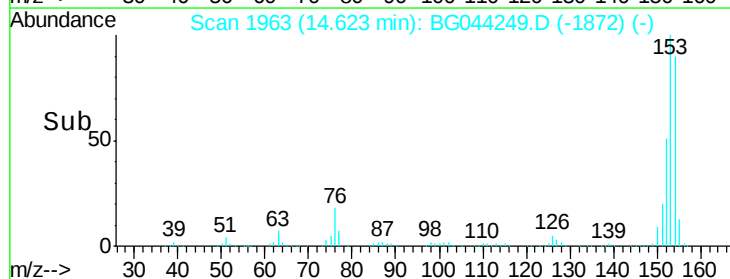
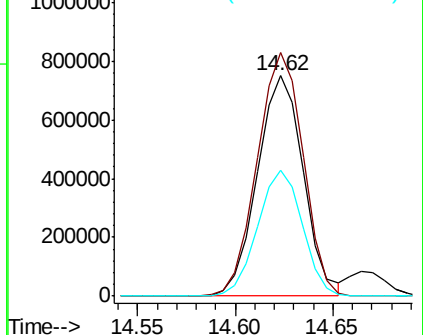


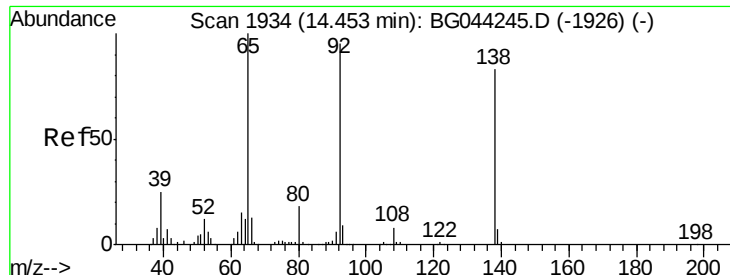
#52
 Acenaphthene
 Concen: 86.947 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion:154 Resp: 1225172
 Ion Ratio Lower Upper
 154 100
 153 110.5 87.9 131.9
 152 57.0 43.1 64.7



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

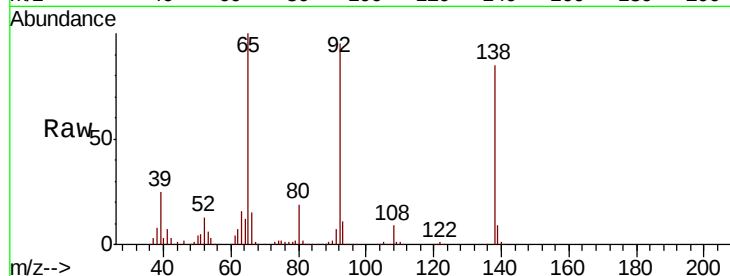




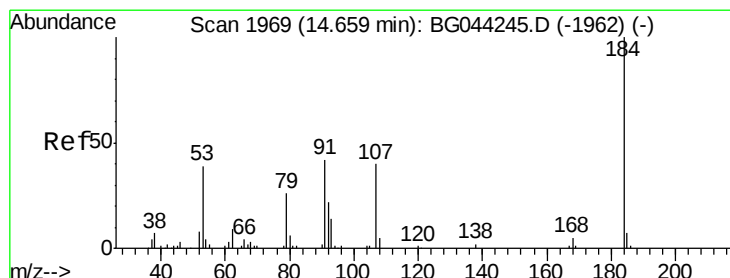
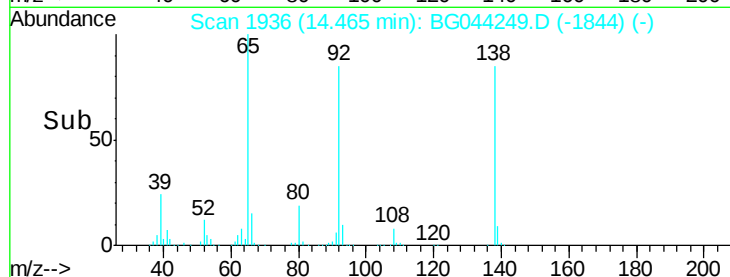
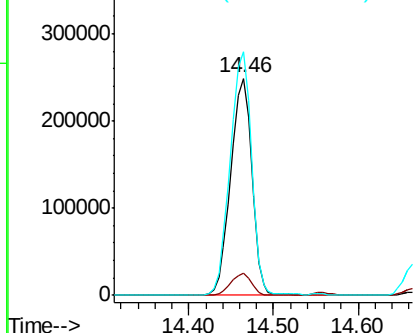
#53
3-Nitroaniline
Concen: 92.740 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 431270
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 112.1 91.0 136.4

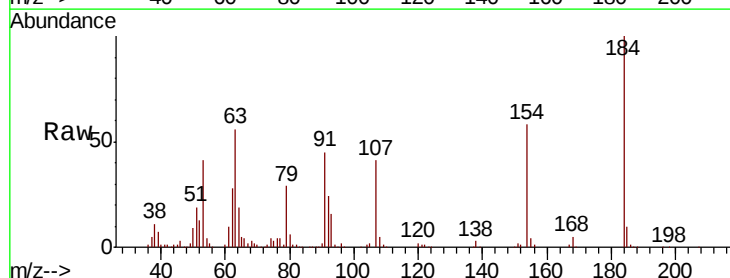


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

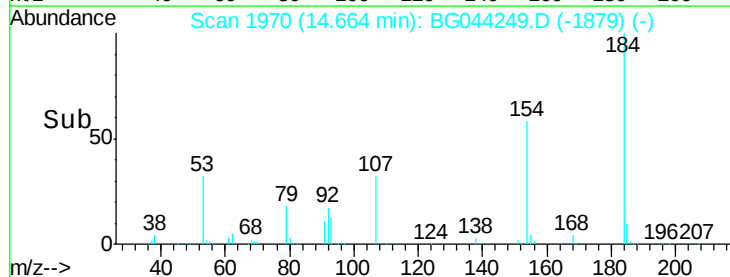
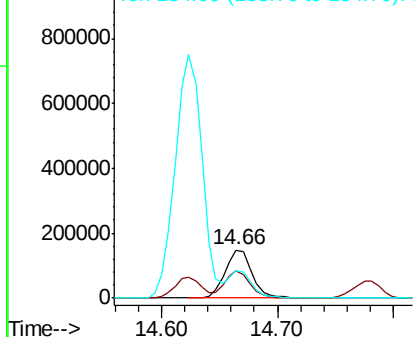


#54
2,4-Dinitrophenol
Concen: 113.628 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion:184 Resp: 241188
Ion Ratio Lower Upper
184 100
63 56.2 44.1 66.1
154 57.6 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

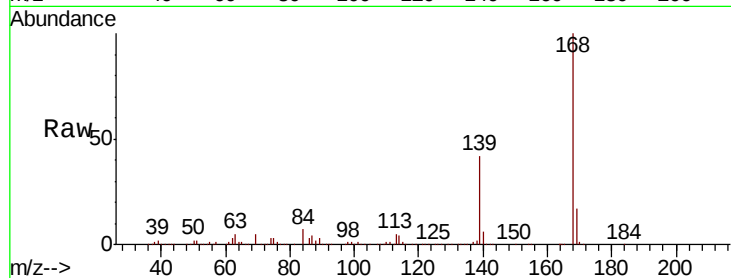




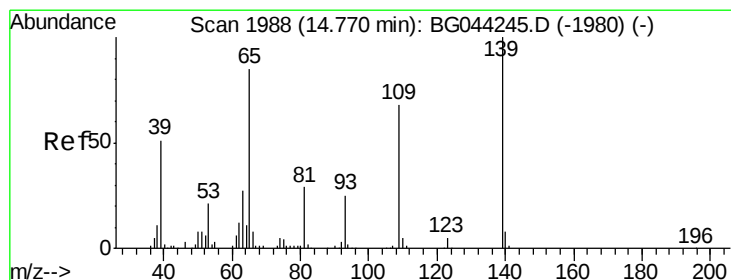
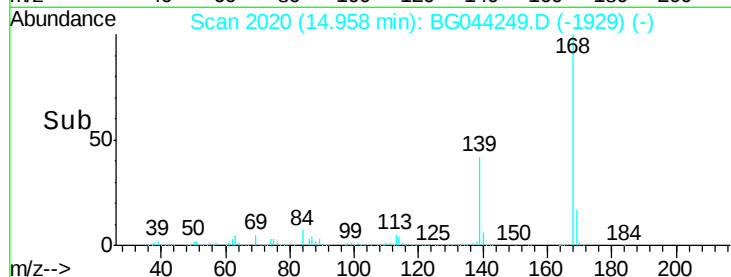
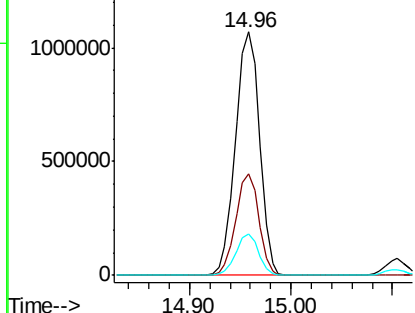
#55
 Dibenzofuran
 Concen: 83.408 ng
 RT: 14.96 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:168 Resp: 1769825
 Ion Ratio Lower Upper
 168 100
 139 41.8 30.5 45.7
 169 17.0 11.7 17.5

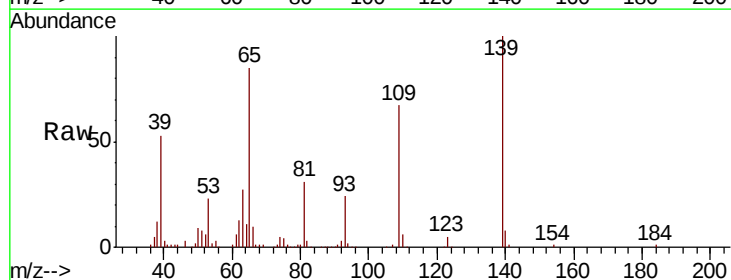


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

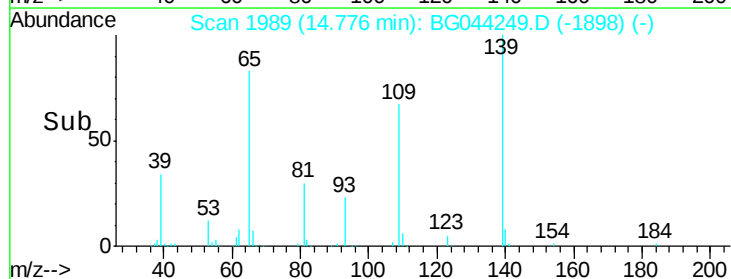
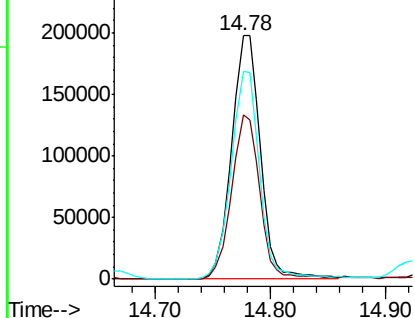


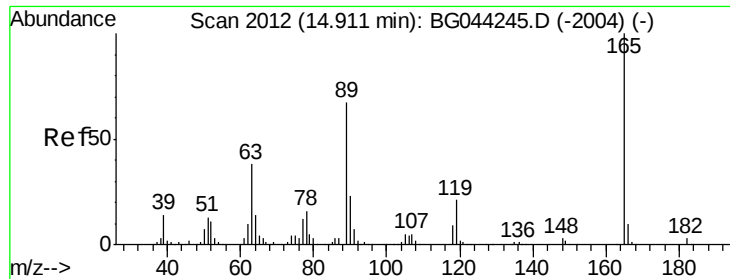
#56
 4-Nitrophenol
 Concen: 100.136 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion:139 Resp: 343731
 Ion Ratio Lower Upper
 139 100
 109 67.4 47.5 87.5
 65 85.2 64.9 104.9



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

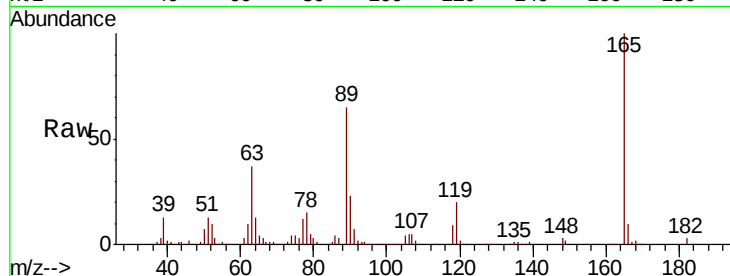




#57
2,4-Dinitrotoluene
Concen: 93.187 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.1	30.3	45.5
89	64.8	53.4	80.2
182	2.5	2.1	3.1



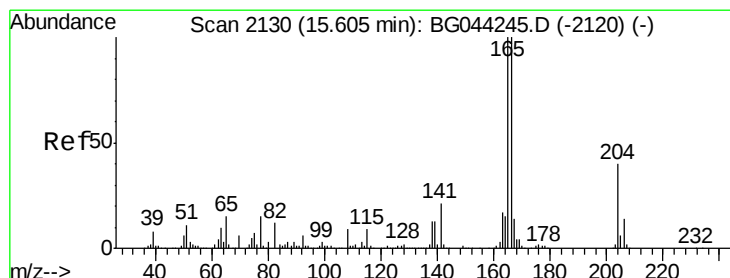
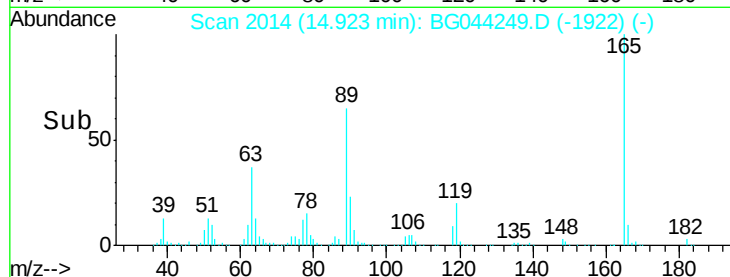
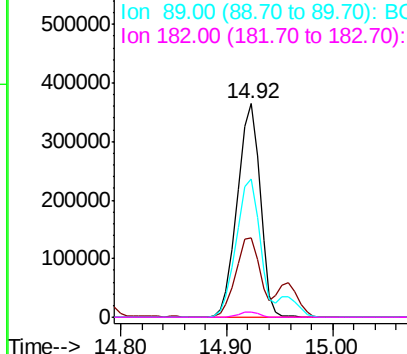
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

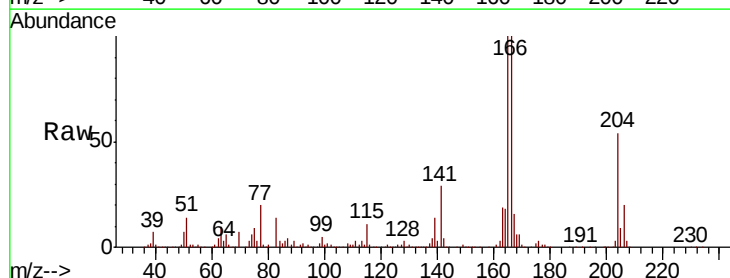
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 84.571 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	16.2	11.4	17.0

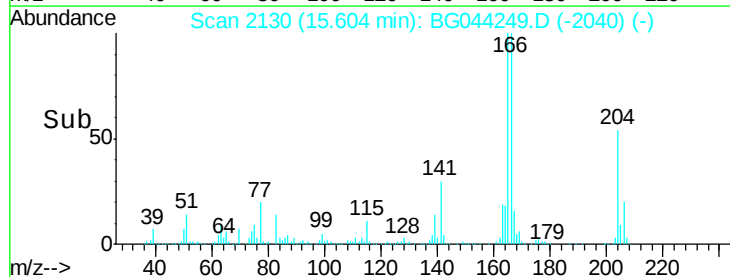
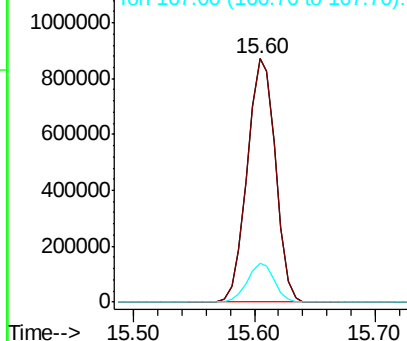


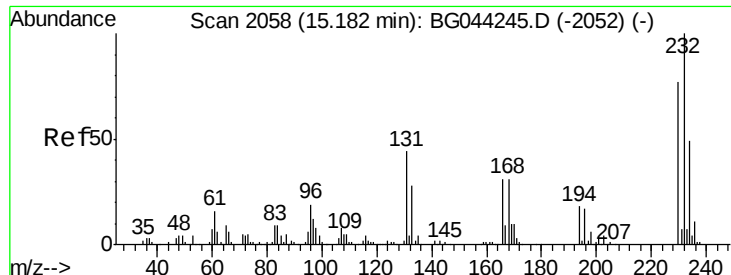
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

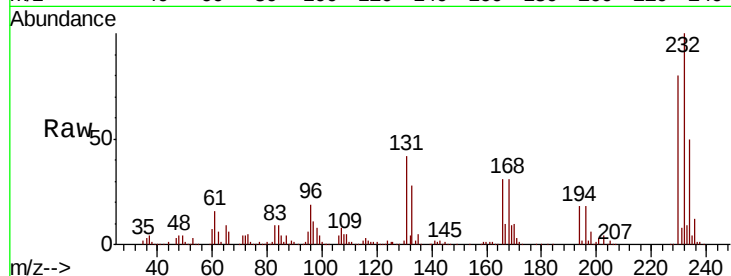




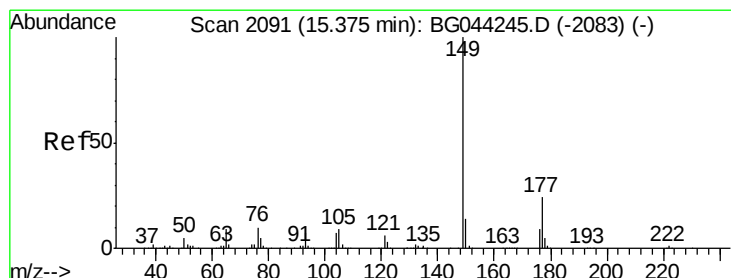
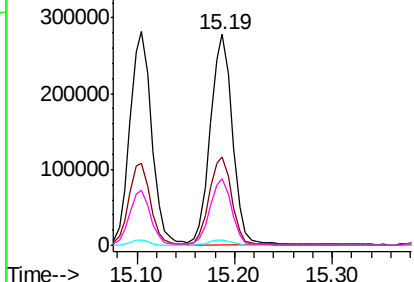
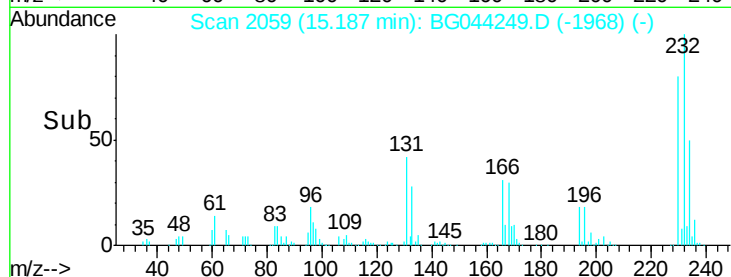
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 98.111 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 437404
 Ion Ratio Lower Upper
 232 100
 131 42.5 34.2 51.4
 130 2.5 1.8 2.8
 166 30.9 23.8 35.8

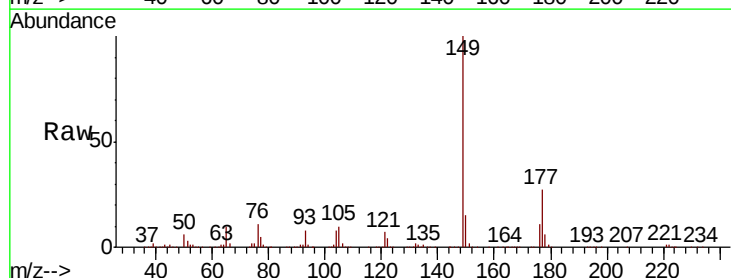


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

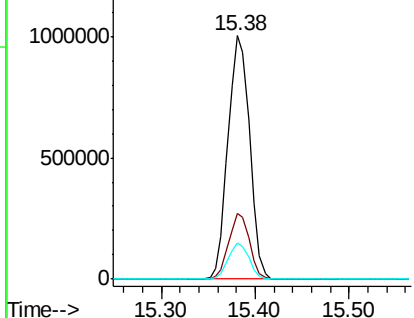
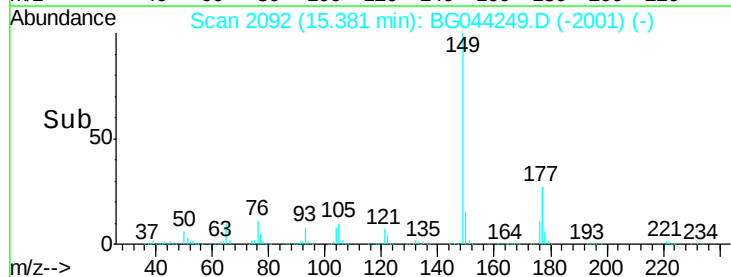


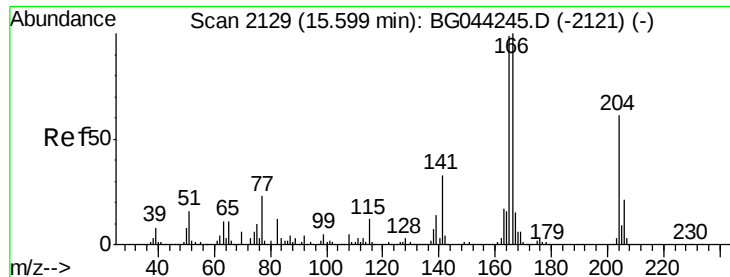
#60
 Diethylphthalate
 Concen: 86.154 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion:149 Resp: 1603102
 Ion Ratio Lower Upper
 149 100
 177 27.0 19.4 29.0
 150 14.9 10.9 16.3



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

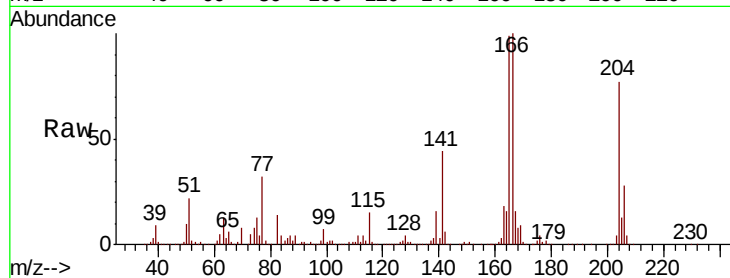




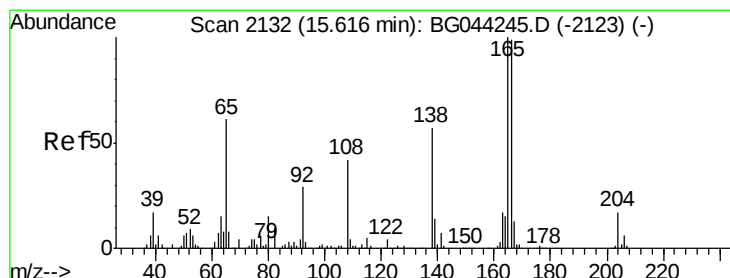
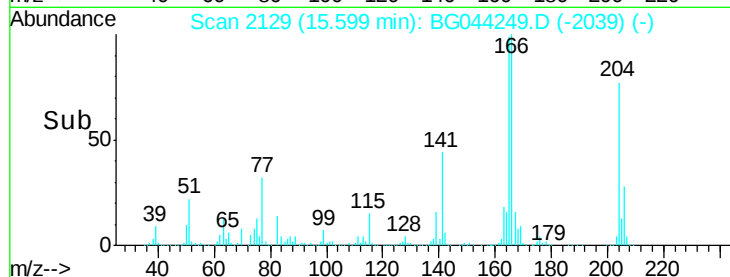
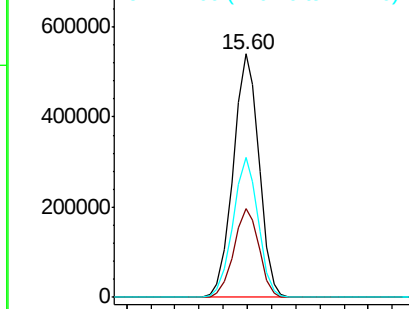
#61
 4-Chlorophenyl-phenylether
 Concen: 87.577 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 798867
 Ion Ratio Lower Upper
 204 100
 206 36.4 27.6 41.4
 141 57.6 43.4 65.0

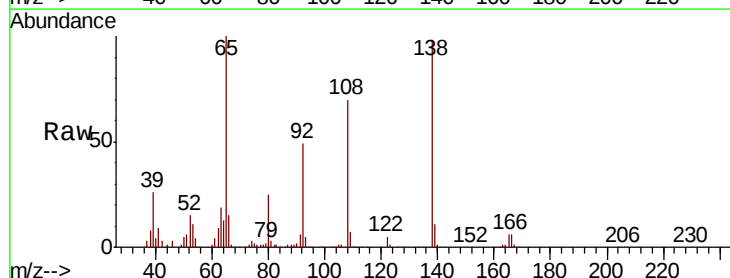


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

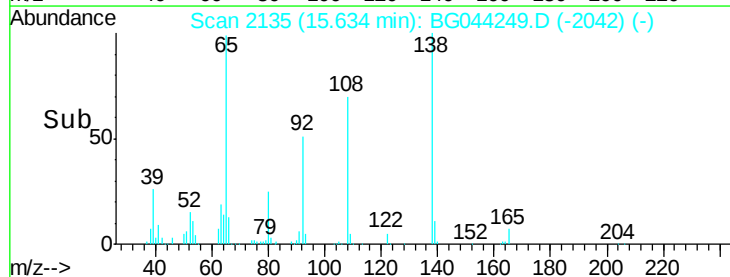
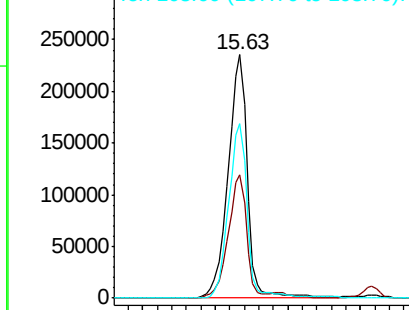


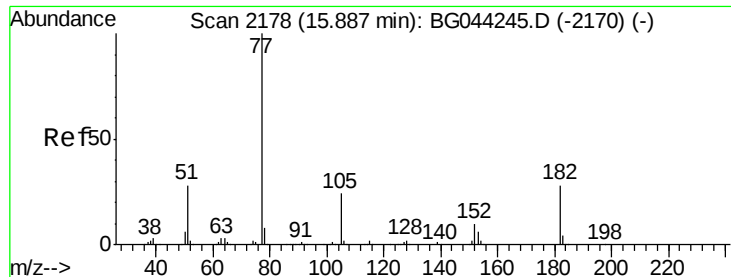
#62
 4-Nitroaniline
 Concen: 93.945 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. 0.02 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion:138 Resp: 436467
 Ion Ratio Lower Upper
 138 100
 92 50.6 31.3 71.3
 108 71.5 52.6 92.6



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: 86.713 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

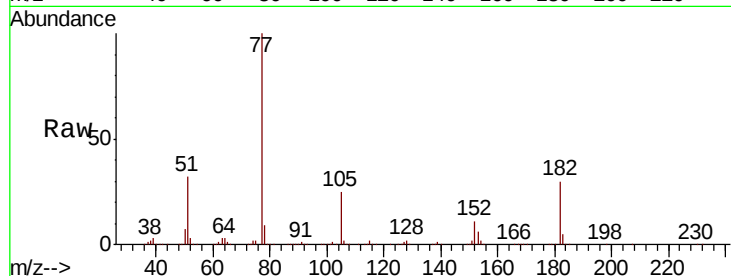
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1407909

Ion	Ratio	Lower	Upper
77	100		
182	30.4	8.2	48.2
105	25.0	3.6	43.6
51	31.9	8.3	48.3

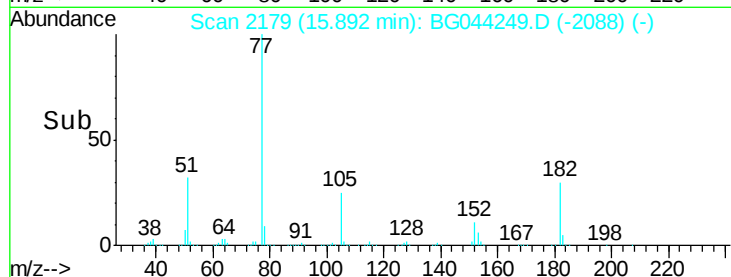


Abundance Ion 77.00 (76.70 to 77.70): BGC

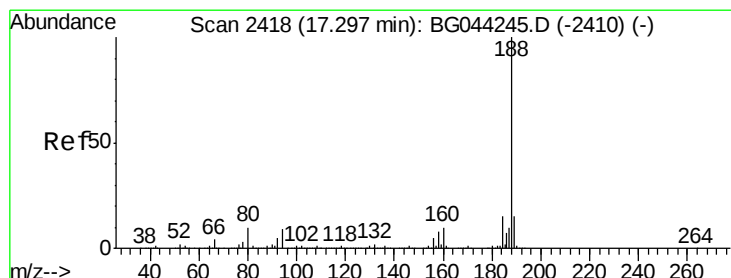
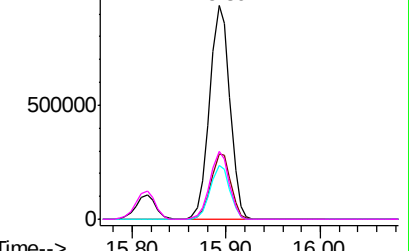
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

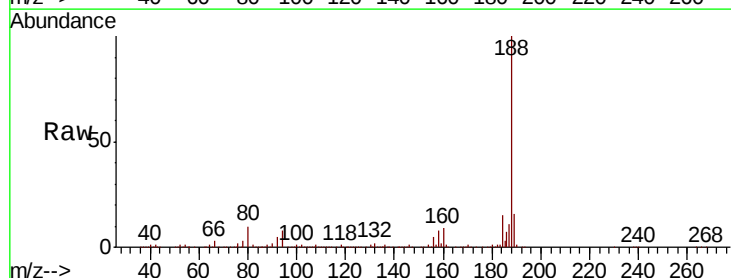
Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Tgt Ion: 188 Resp: 545802

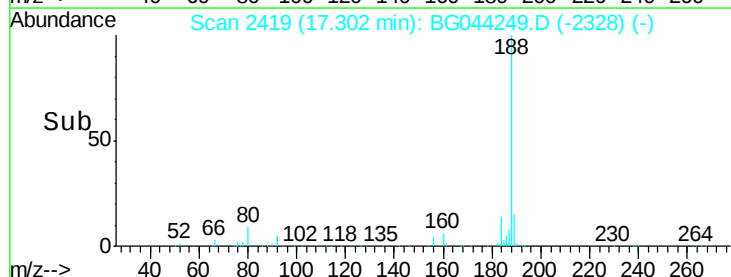
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.4	11.2
80	9.6	7.7	11.5



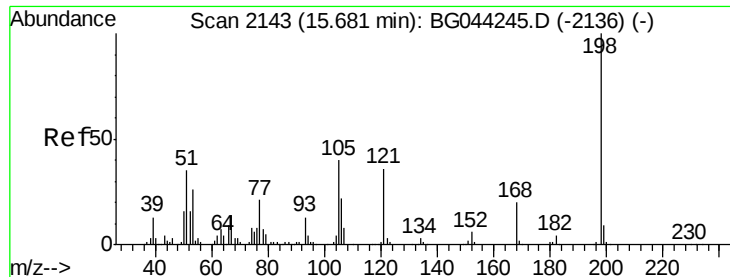
Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



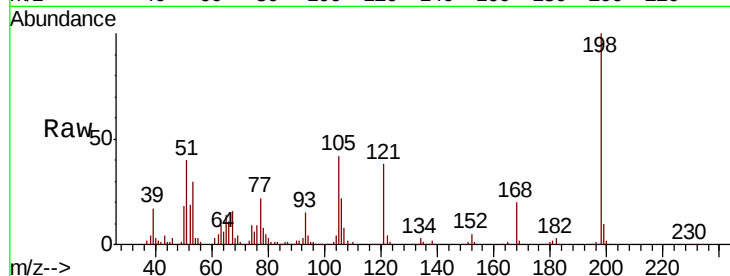
Time-->



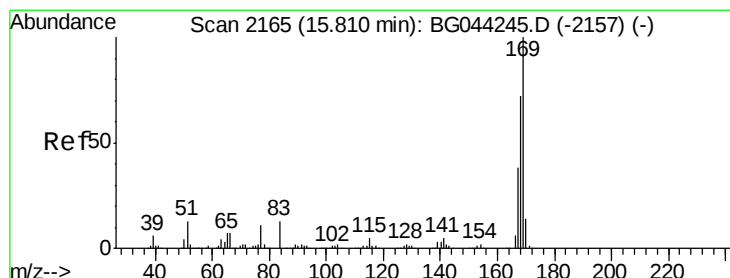
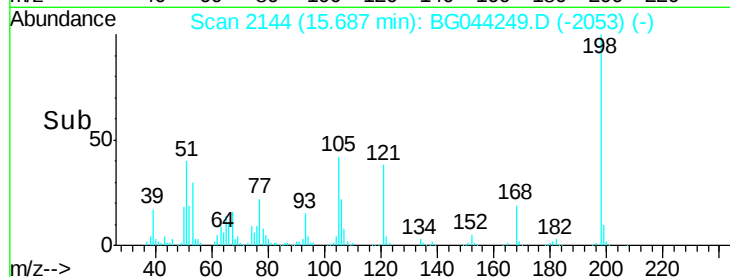
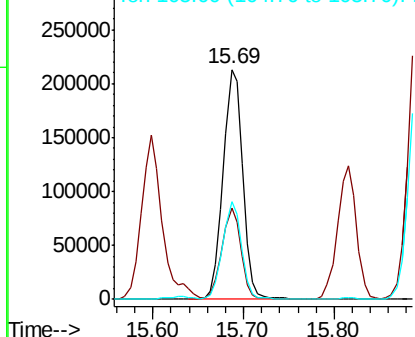
#65
4,6-Dinitro-2-methylphenol
Concen: 97.933 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 318992
Ion Ratio Lower Upper
198 100
51 39.6 16.6 56.6
105 42.4 20.6 60.6

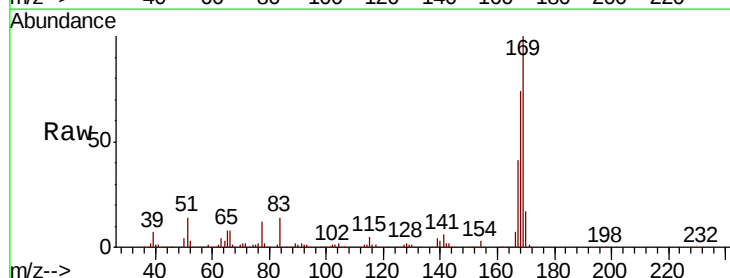


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

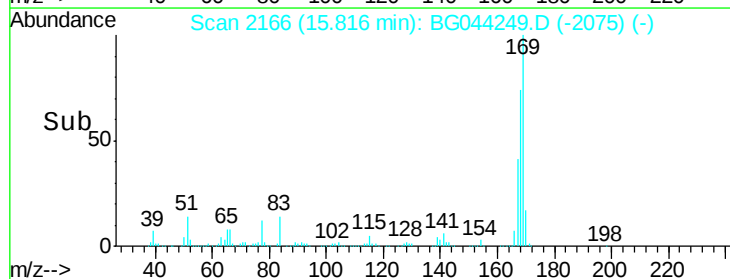
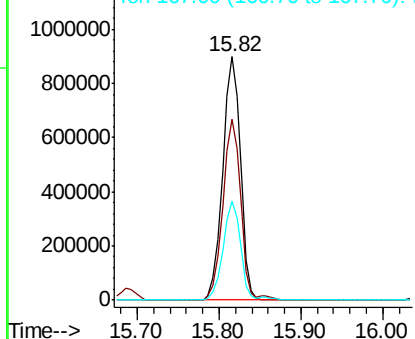


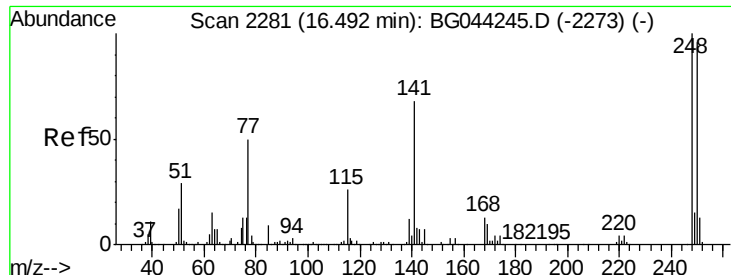
#66
n-Nitrosodiphenylamine
Concen: 84.531 ng
RT: 15.82 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion:169 Resp: 1354771
Ion Ratio Lower Upper
169 100
168 74.2 57.9 86.9
167 40.7 30.7 46.1



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: 88.626 ng

RT: 16.49 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampled :

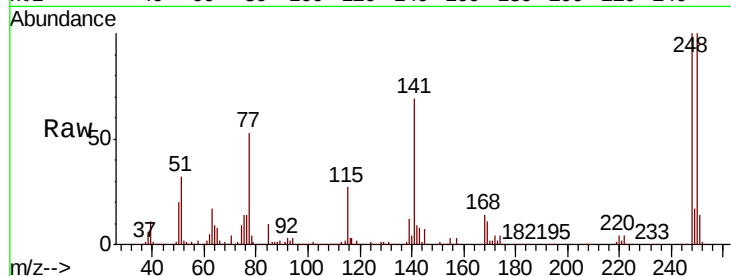
Tot Ion:248 Resp: 552486

Ion Ratio Lower Upper

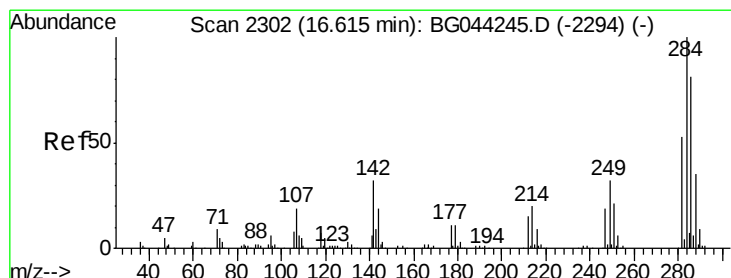
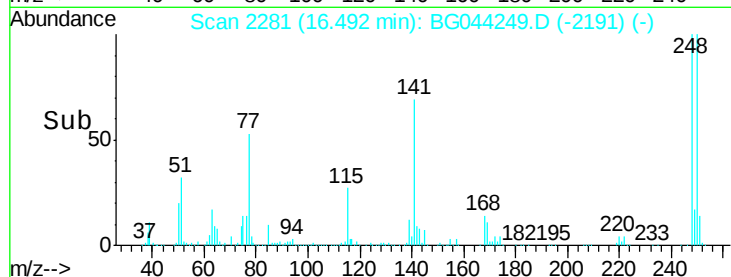
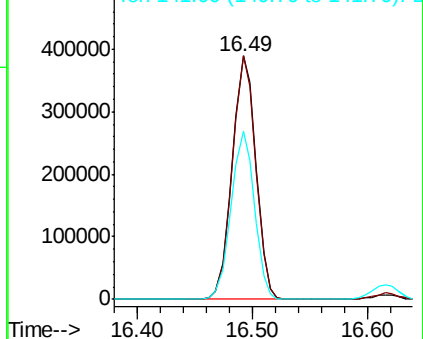
248 100

250 100.2 76.6 114.8

141 69.0 54.7 82.1



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 88.166 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

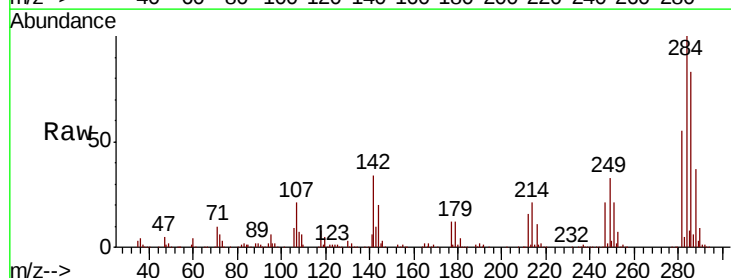
Tgt Ion:284 Resp: 615778

Ion Ratio Lower Upper

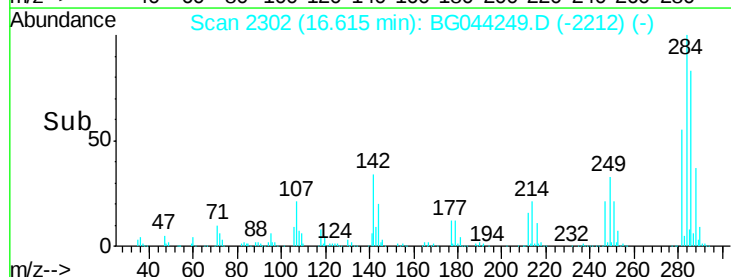
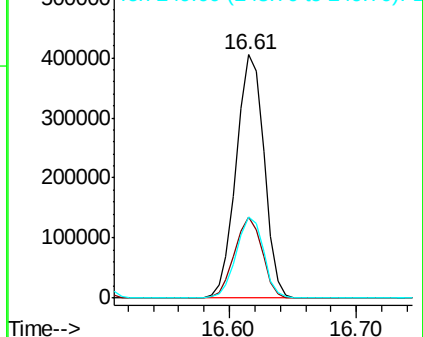
284 100

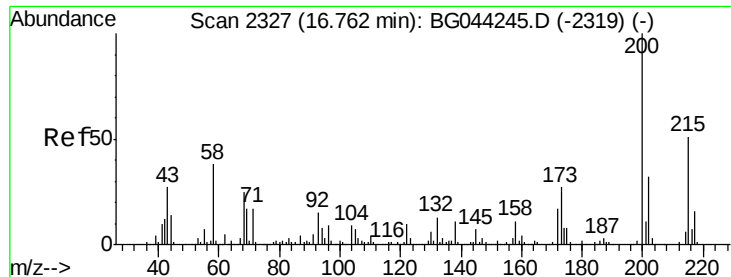
142 33.6 25.3 37.9

249 33.1 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 119.417 ng

RT: 16.77 min Scan# 2328

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

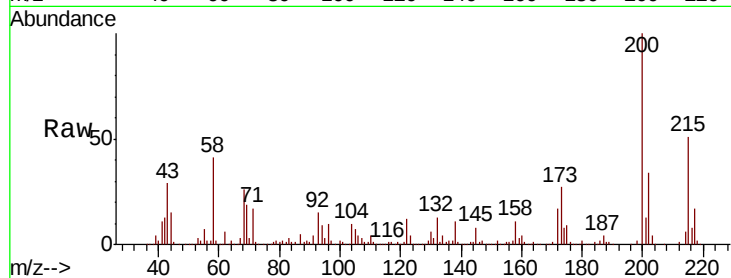
Tot Ion:200 Resp: 439692

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

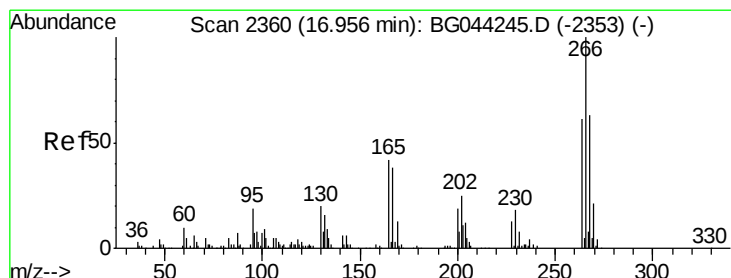
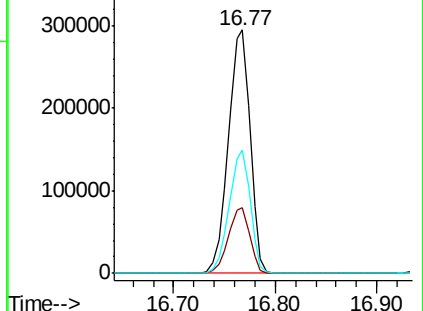
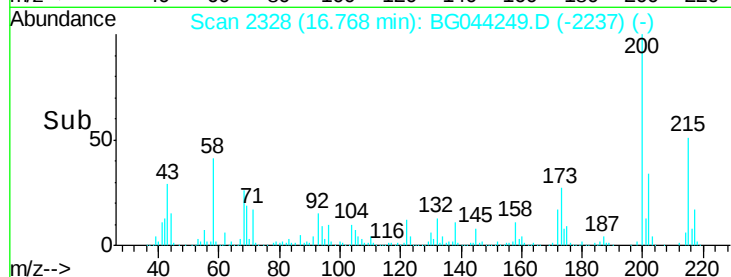
215 50.6 31.0 71.0



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: 110.658 ng

RT: 16.96 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

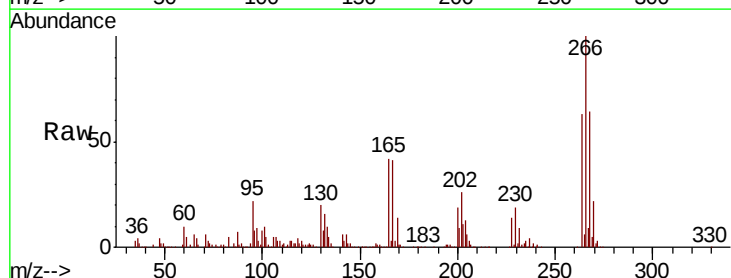
Tgt Ion:266 Resp: 337057

Ion Ratio Lower Upper

266 100

268 64.3 50.6 75.8

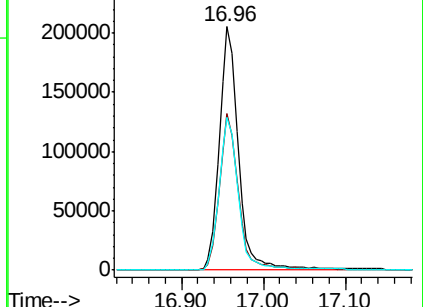
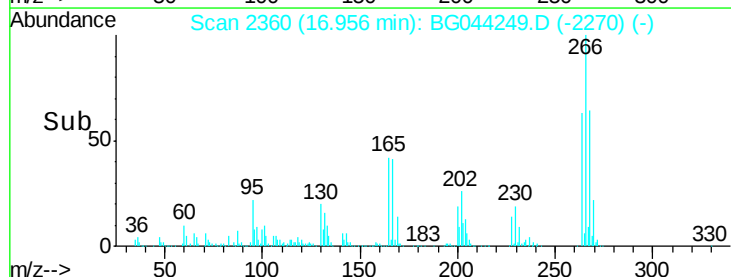
264 62.7 48.7 73.1

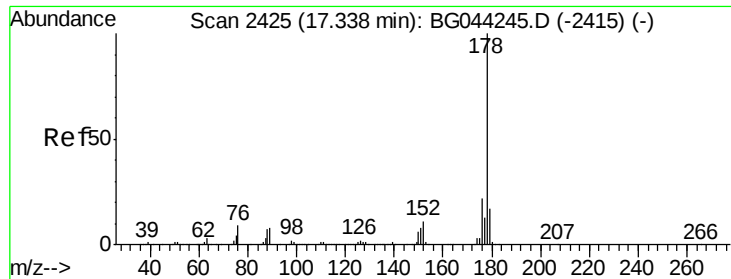


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

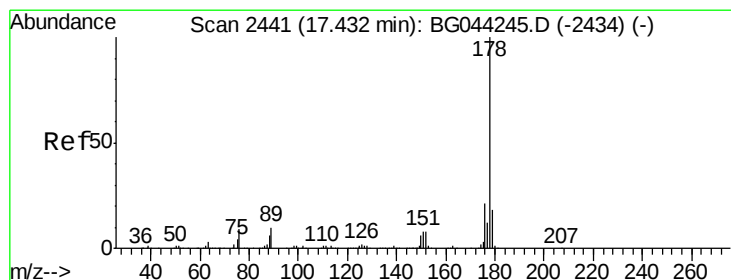
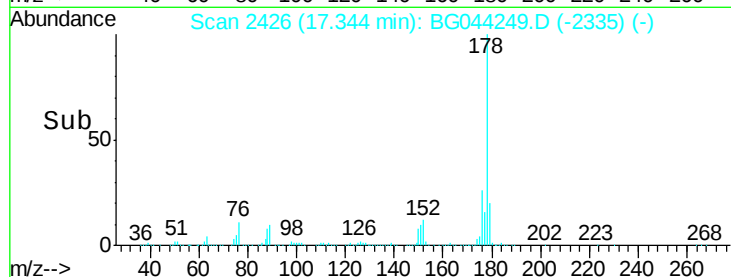
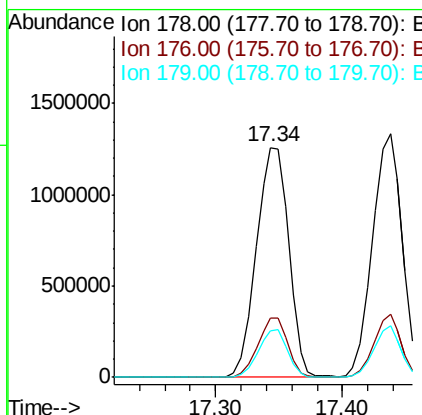
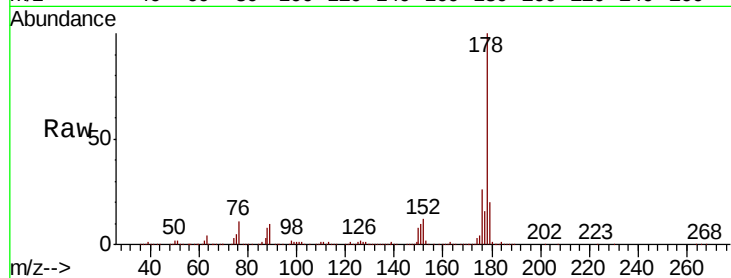




#71
Phenanthrene
Concen: 81.907 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

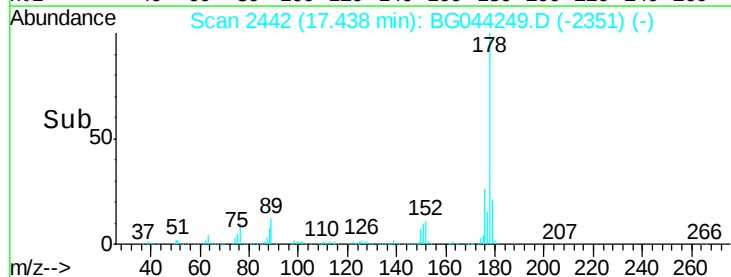
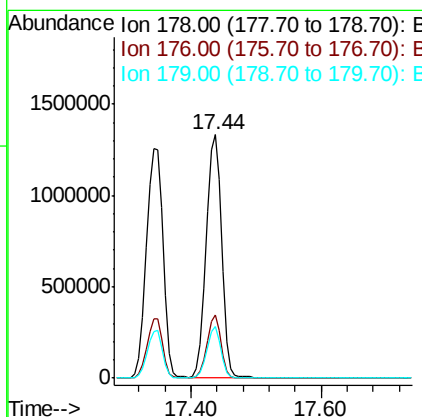
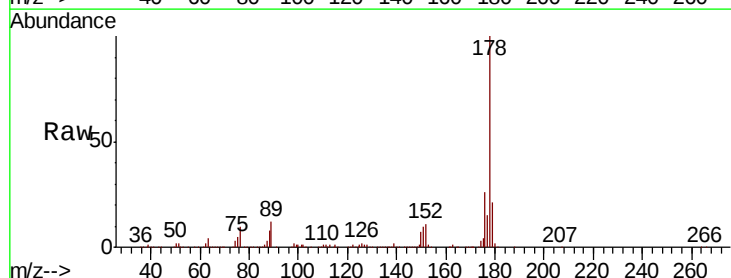
Instrument :
BNA_G
ClientSampleId :

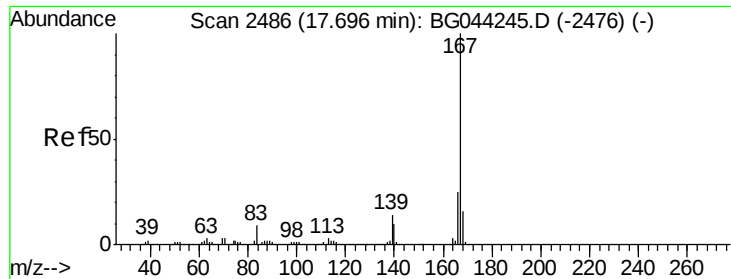
Tot Ion:178 Resp: 2237516
Ion Ratio Lower Upper
178 100
176 25.5 17.7 26.5
179 20.4 13.7 20.5



#72
Anthracene
Concen: 81.717 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion:178 Resp: 2205813
Ion Ratio Lower Upper
178 100
176 25.7 17.0 25.4#
179 21.0 14.4 21.6

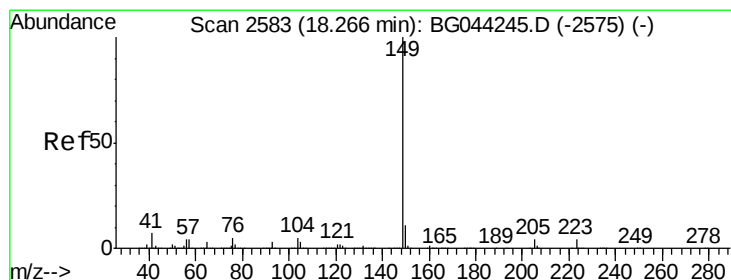
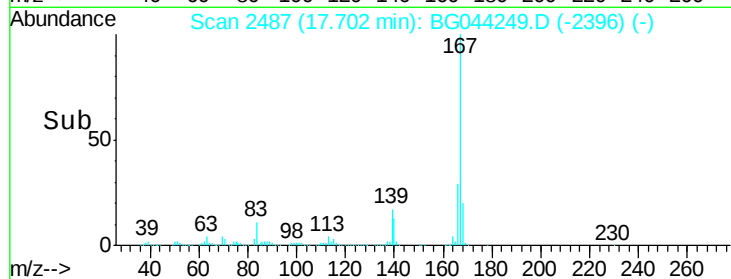
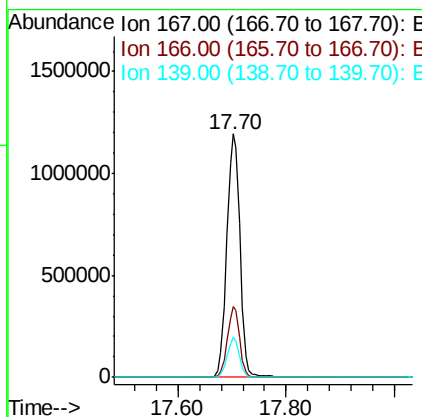
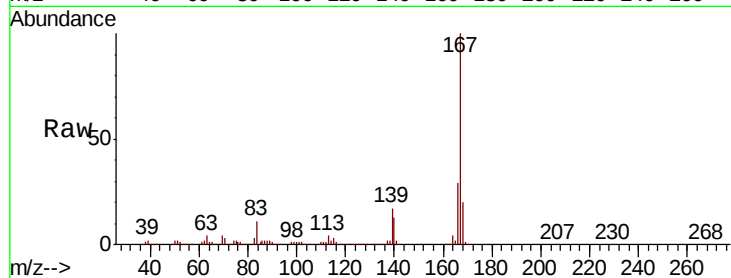




#73
 Carbazole
 Concen: 83.332 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.01 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

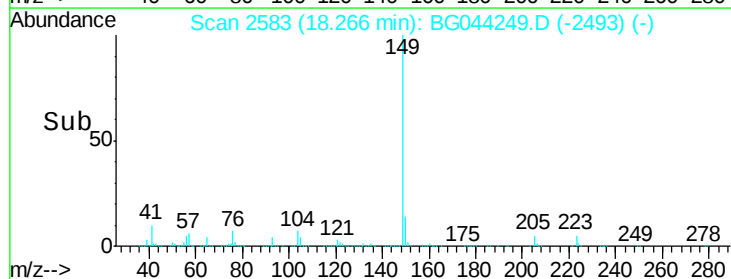
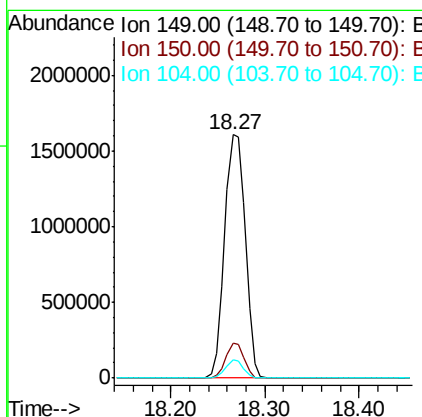
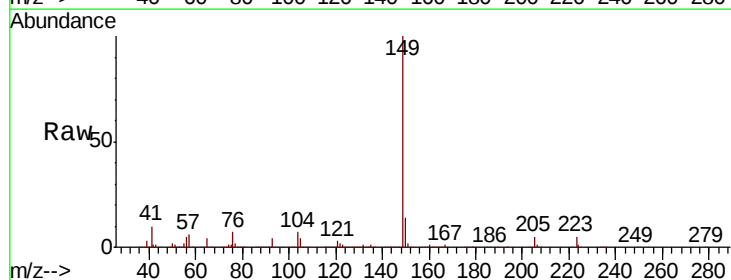
Instrument :
 BNA_G
 ClientSampleId :

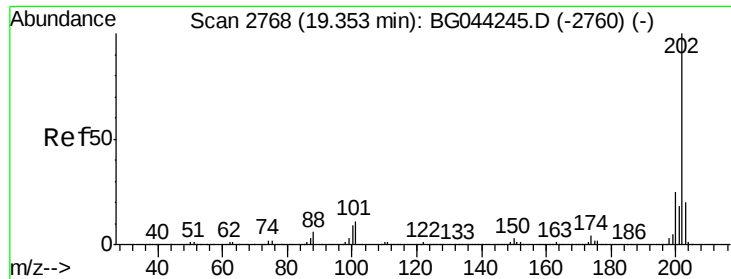
Tot Ion:167 Resp: 2091766
 Ion Ratio Lower Upper
 167 100
 166 29.1 19.8 29.6
 139 16.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 79.443 ng
 RT: 18.27 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044249.D
 Acq: 30 Jan 2020 14:32

Tgt Ion:149 Resp: 2466962
 Ion Ratio Lower Upper
 149 100
 150 14.2 8.7 13.1#
 104 7.3 4.3 6.5#





#75

Fluoranthene

Concen: 80.640 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

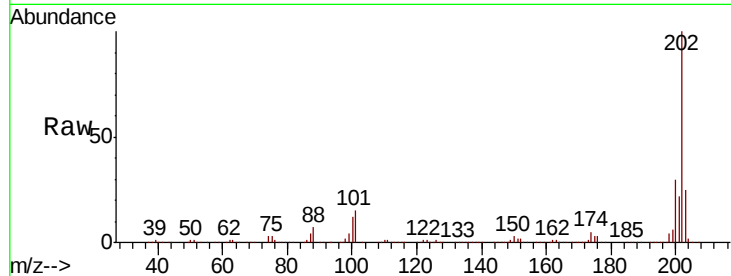
Tot Ion:202 Resp: 2548212

Ion Ratio Lower Upper

202 100

101 15.0 0.0 31.3

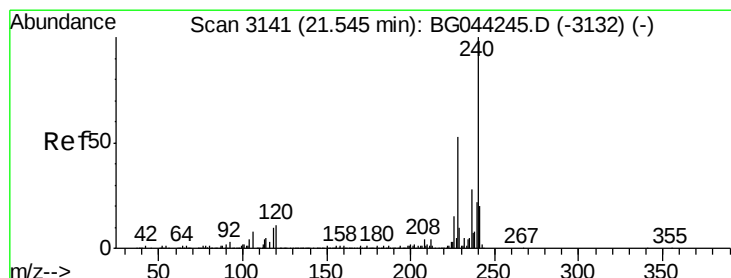
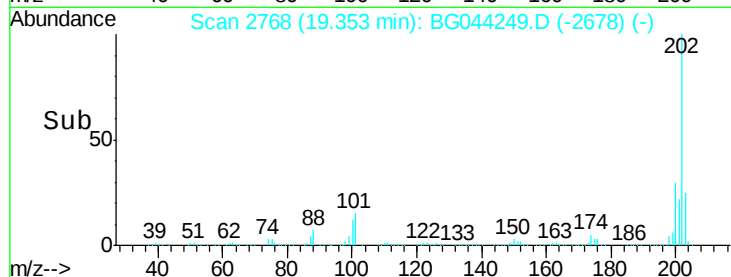
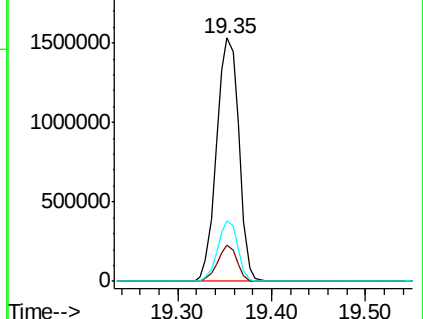
203 25.1 0.0 39.9



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: 21.55 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

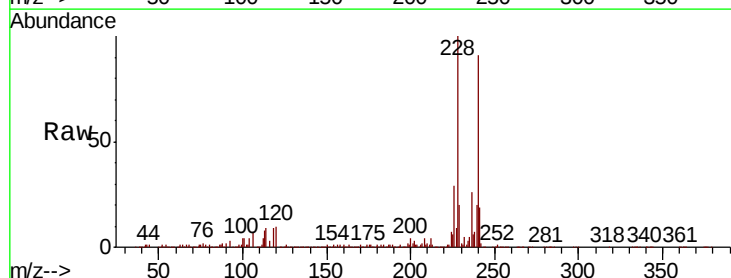
Tgt Ion:240 Resp: 486687

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

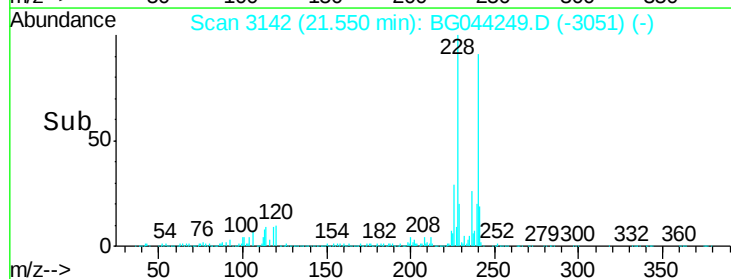
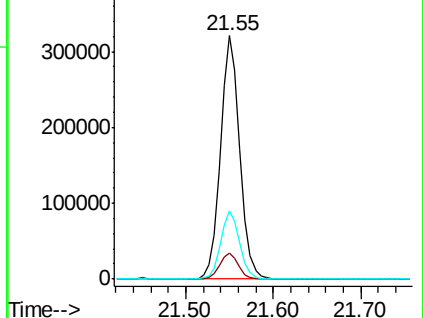
236 28.0 22.1 33.1

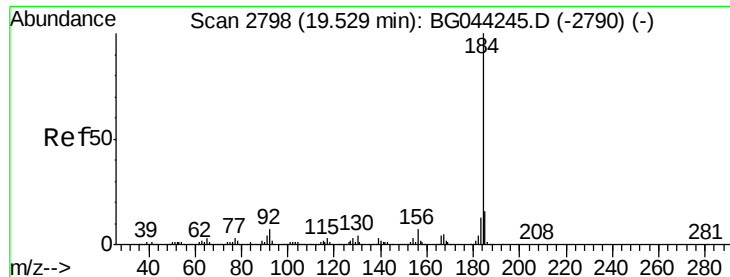


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 104.759 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

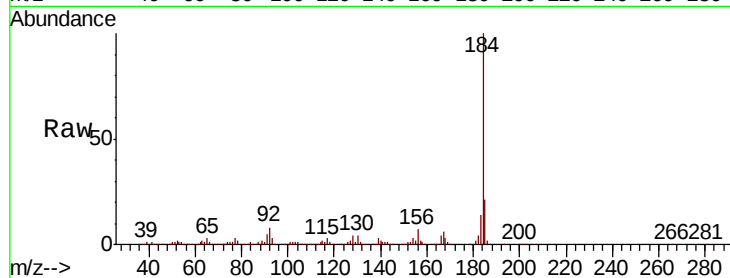
Tot Ion:184 Resp: 1173541

Ion Ratio Lower Upper

184 100

185 20.6 12.9 19.3#

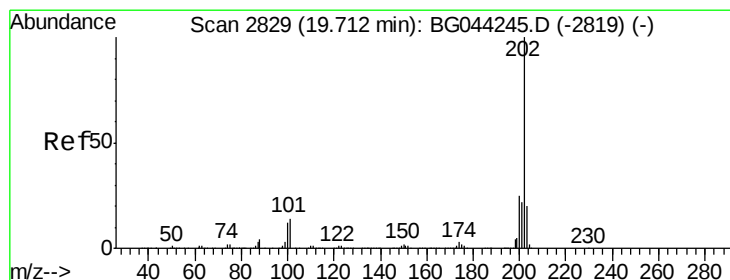
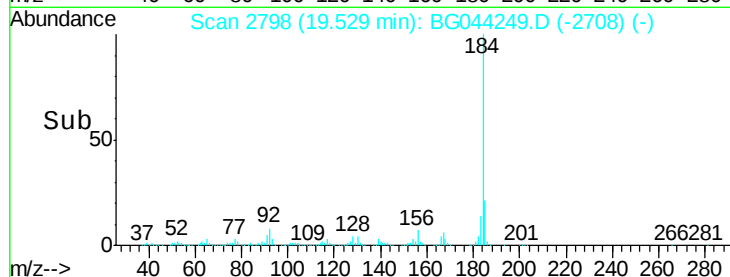
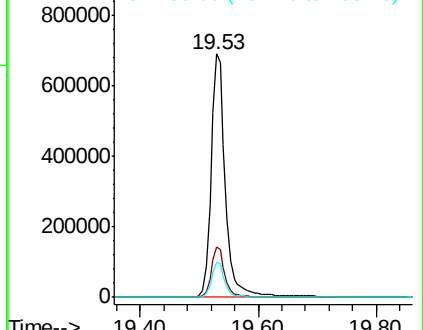
183 14.3 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 78.763 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

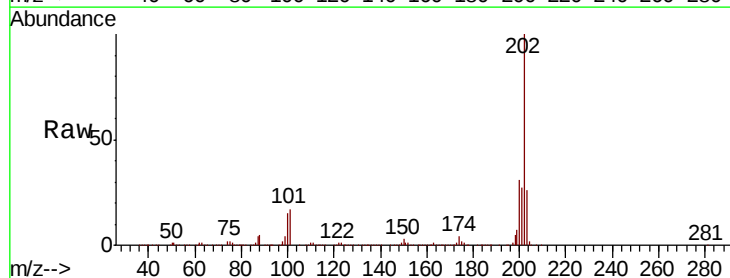
Tgt Ion:202 Resp: 2541043

Ion Ratio Lower Upper

202 100

200 31.1 20.0 30.0#

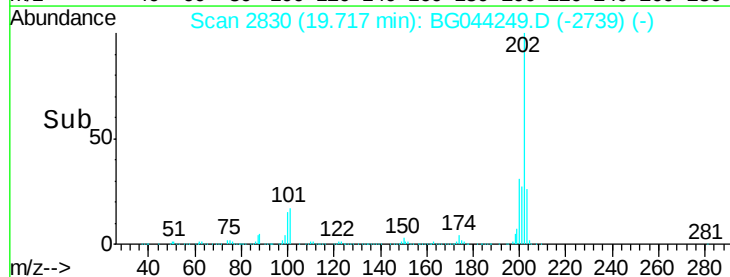
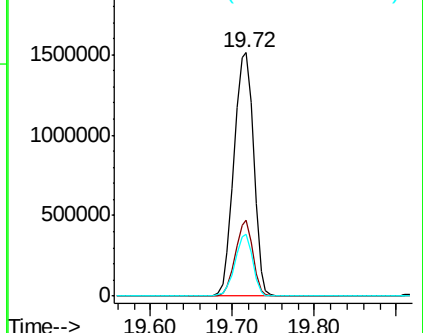
203 25.6 16.2 24.2#

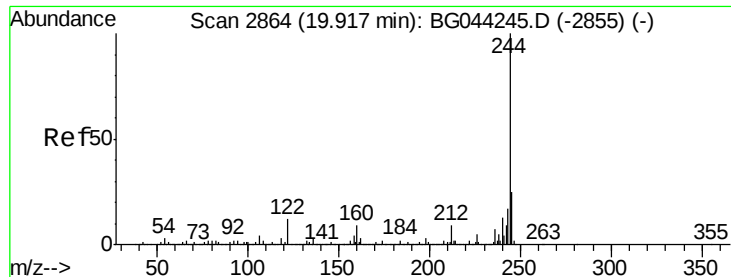


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 146.225 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampled :

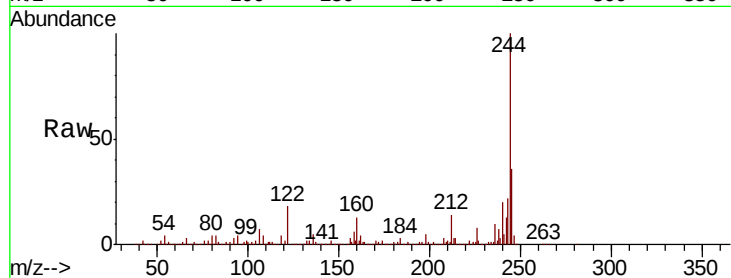
Tot Ion:244 Resp: 3197784

Ion	Ratio	Lower	Upper
244	100		
212	13.9	7.4	11.2#
122	17.8	9.8	14.6#

244 100

212 13.9 7.4 11.2#

122 17.8 9.8 14.6#

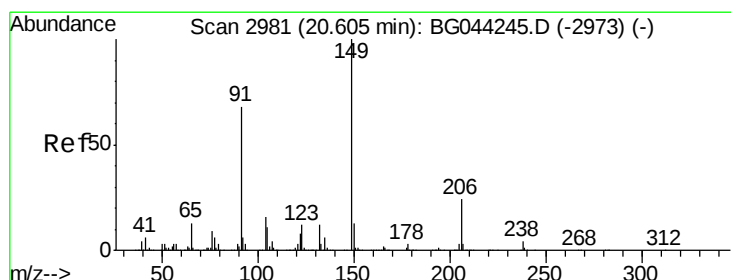
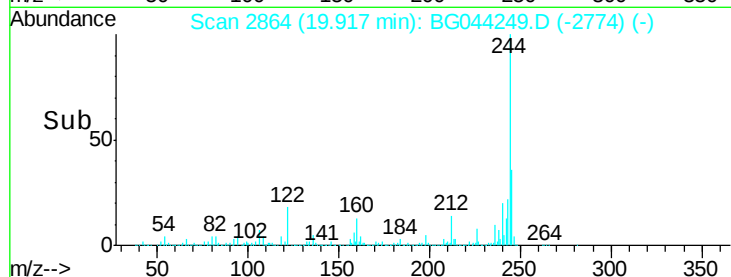
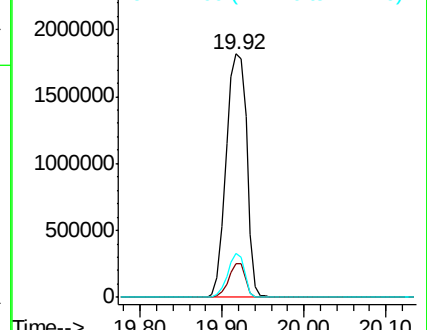


Abundance

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: 85.716 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

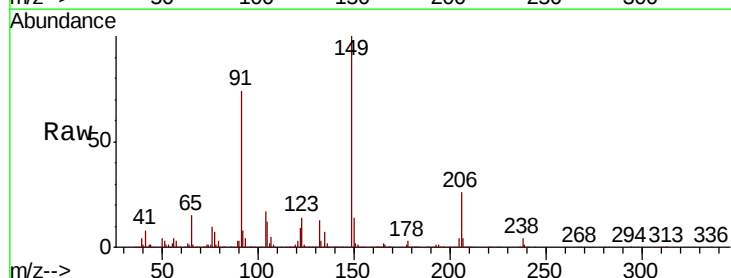
Tgt Ion:149 Resp: 1283780

Ion	Ratio	Lower	Upper
149	100		
91	73.8	54.5	81.7
206	25.6	19.1	28.7

149 100

91 73.8 54.5 81.7

206 25.6 19.1 28.7

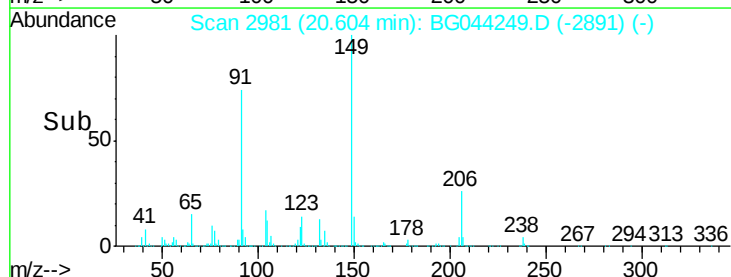
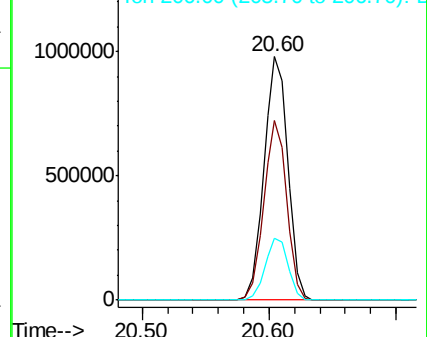


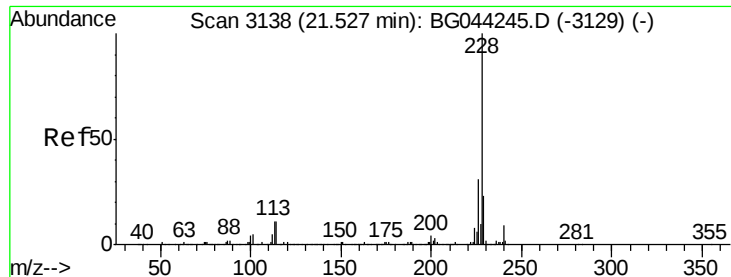
Abundance

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: 82.173 ng

RT: 21.53 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

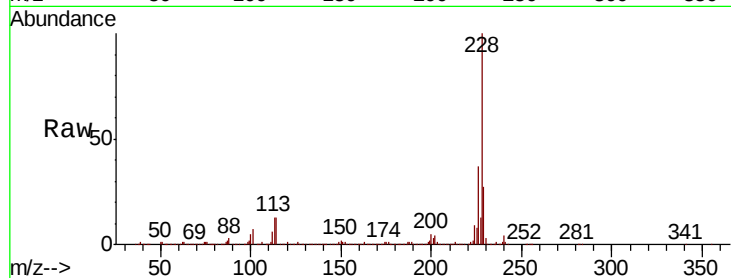
Tot Ion:228 Resp: 2577213

Ion Ratio Lower Upper

228 100

226 37.3 24.7 37.1#

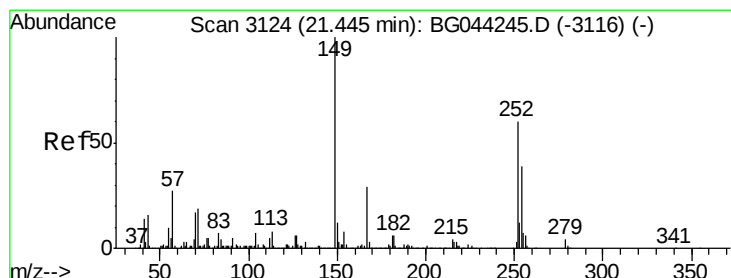
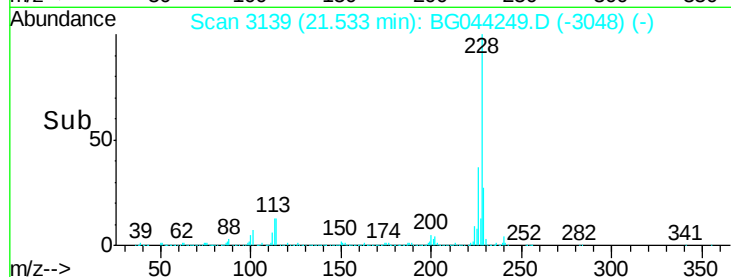
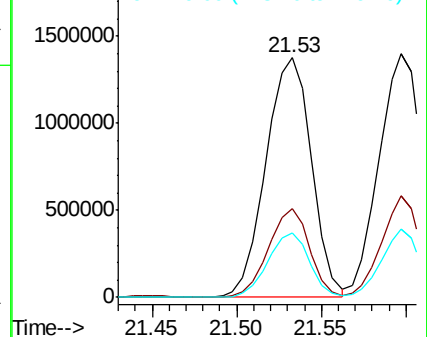
229 26.8 18.2 27.4



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: 86.547 ng

RT: 21.45 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

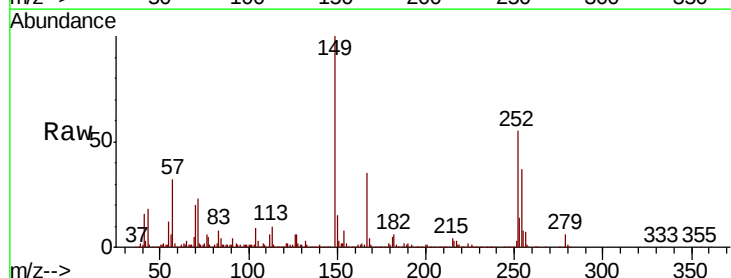
Tgt Ion:252 Resp: 1042757

Ion Ratio Lower Upper

252 100

254 68.2 52.6 78.8

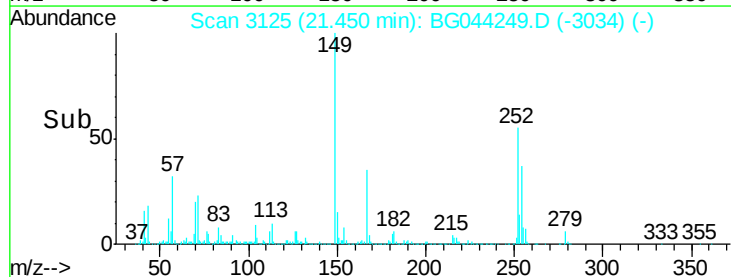
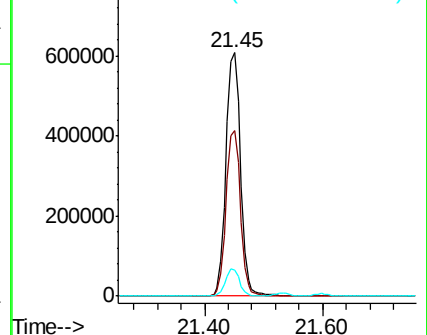
126 10.8 8.2 12.4

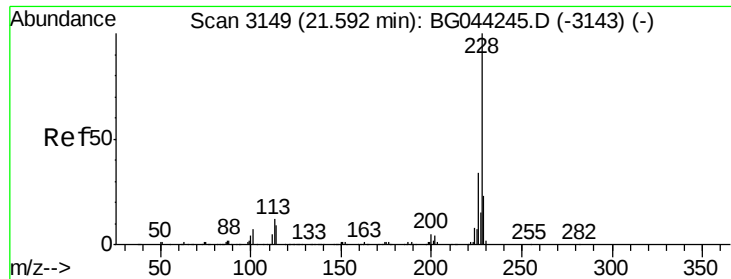


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 85.580 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.06 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

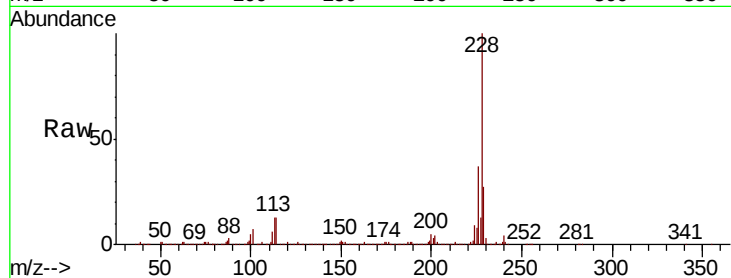
Tot Ion:228 Resp: 2577213

Ion Ratio Lower Upper

228 100

226 37.3 27.1 40.7

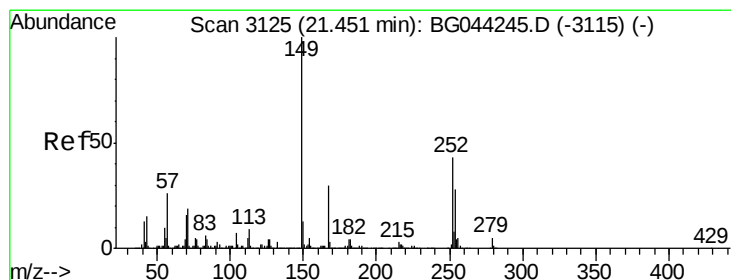
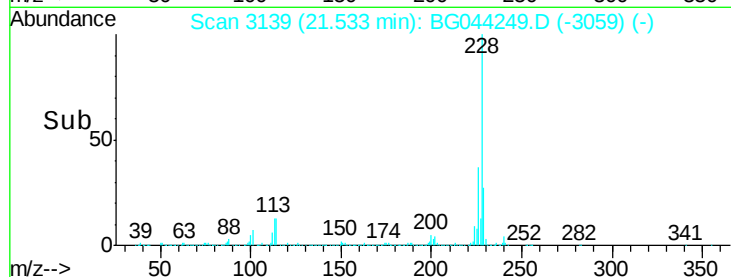
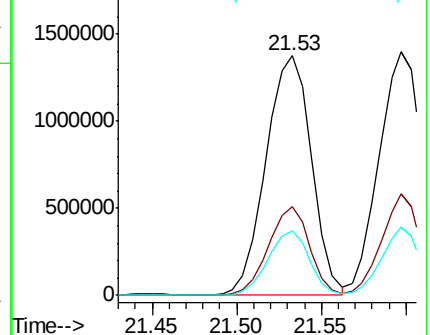
229 26.8 17.9 26.9



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: 81.170 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

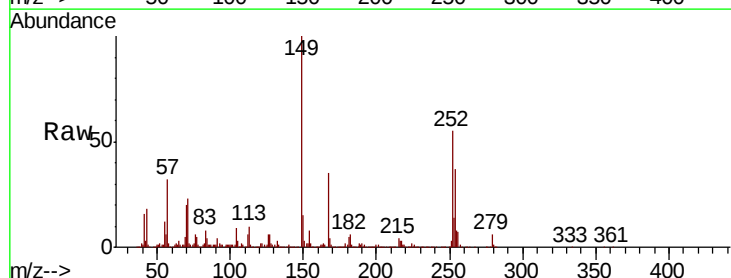
Tgt Ion:149 Resp: 1668937

Ion Ratio Lower Upper

149 100

167 34.6 24.0 36.0

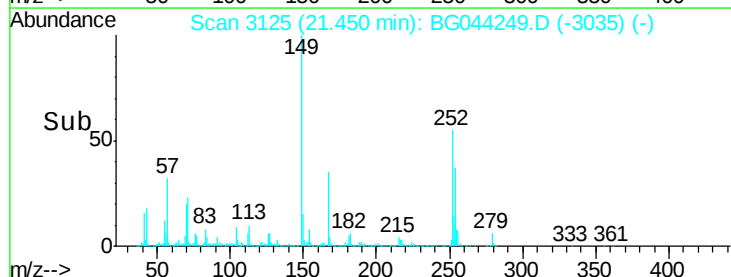
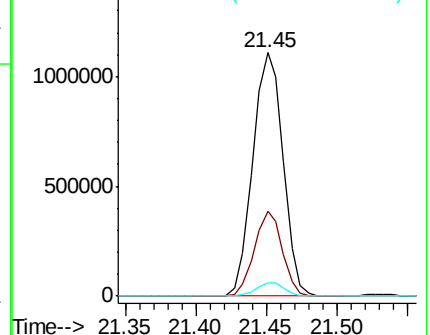
279 5.6 3.8 5.8



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: 82.062 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampleId :

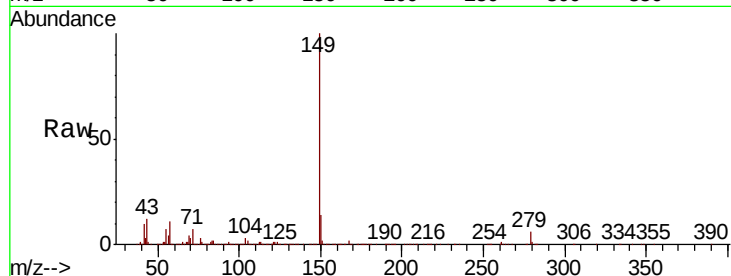
Tot Ion:149 Resp: 2918135

Ion Ratio Lower Upper

149 100

167 2.0 1.3 1.9#

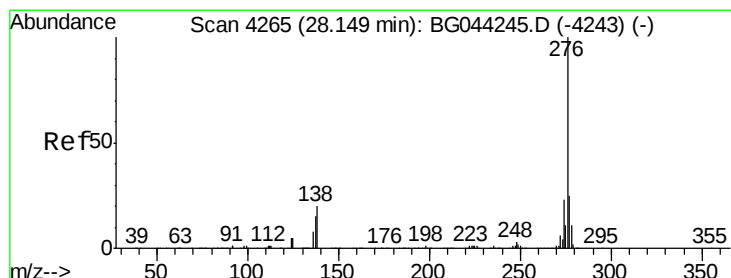
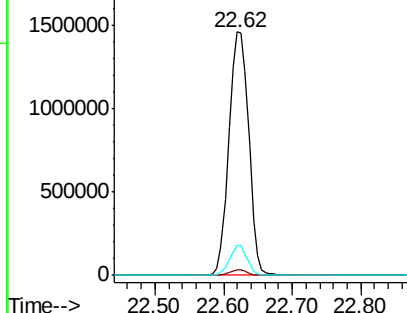
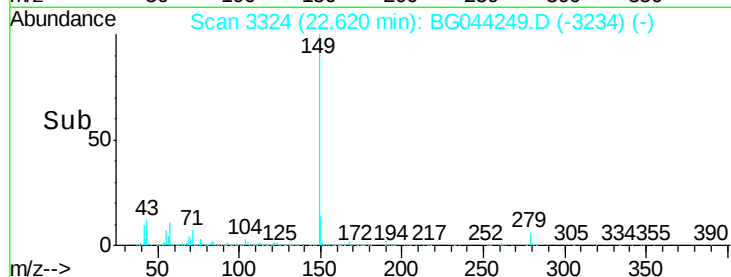
43 10.9 7.4 11.0



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: 91.997 ng

RT: 28.18 min Scan# 4270

Delta R.T. 0.03 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

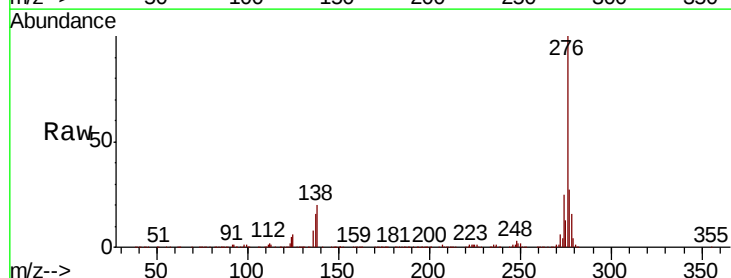
Tgt Ion:276 Resp: 3672252

Ion Ratio Lower Upper

276 100

138 18.9 19.4 29.0#

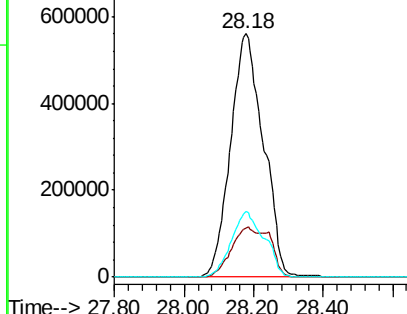
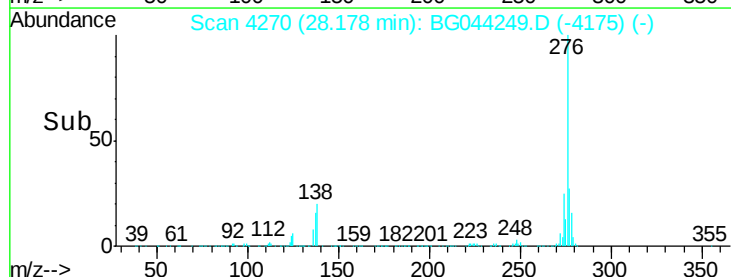
277 27.2 21.0 31.6

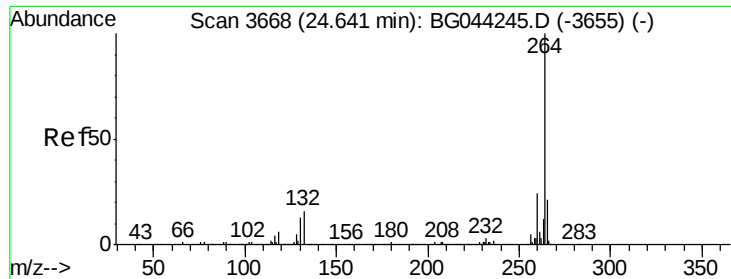


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



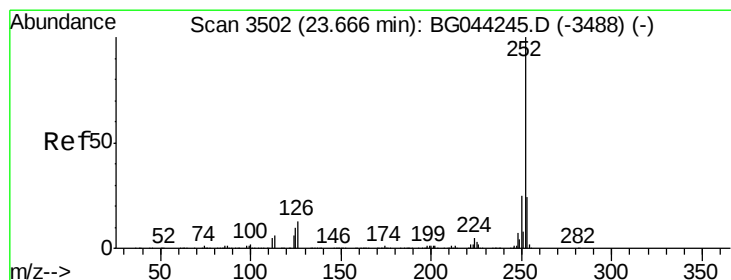
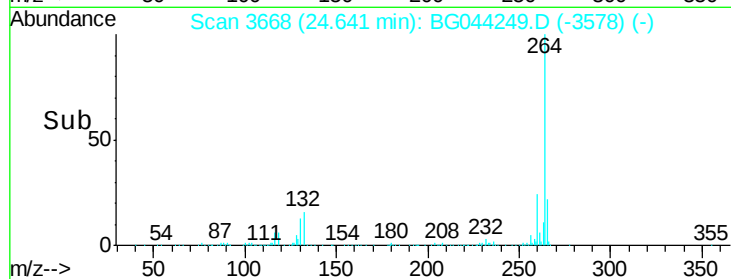
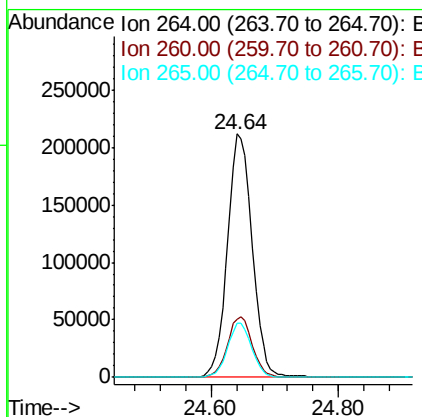
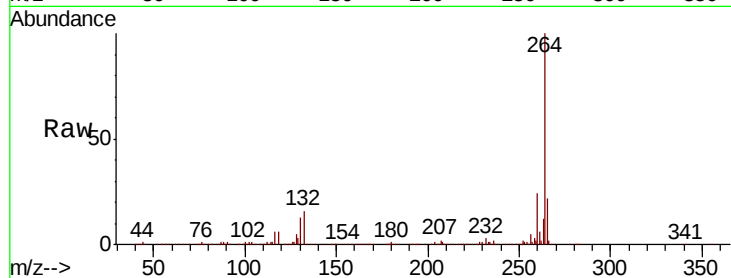


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 571937

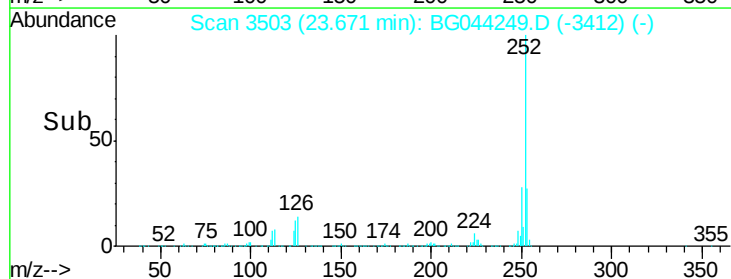
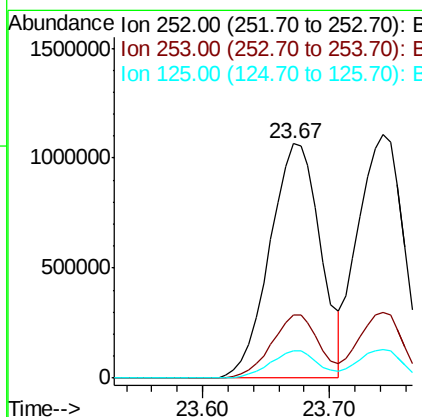
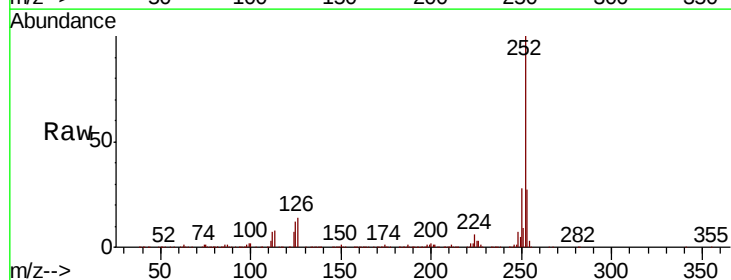
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.2	16.7	25.1

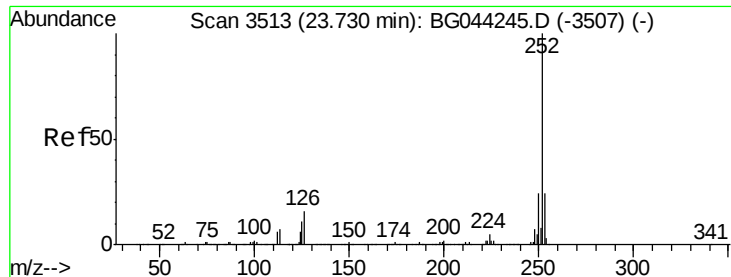


#88
Benzo(b)fluoranthene
Concen: 85.620 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.01 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion:252 Resp: 2967672

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.2	28.8
125	11.8	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 83.337 ng

RT: 23.74 min Scan# 3515

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

Instrument :

BNA_G

ClientSampled :

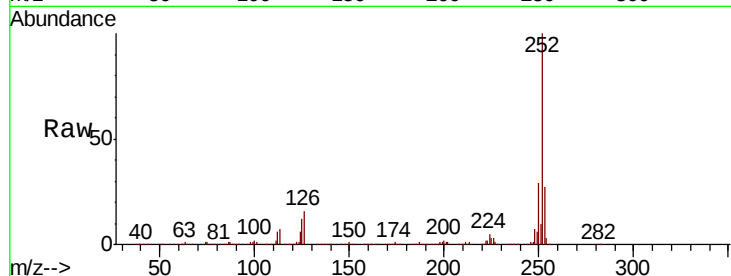
Tot Ion:252 Resp: 2766350

Ion Ratio Lower Upper

252 100

253 27.2 19.1 28.7

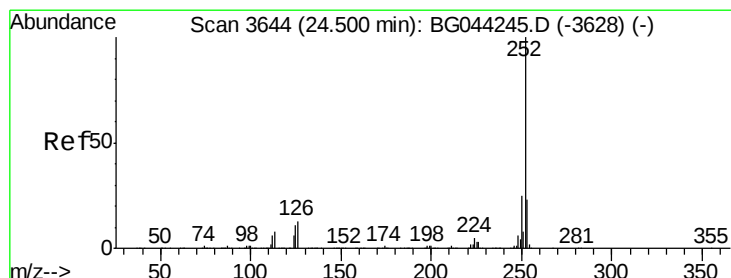
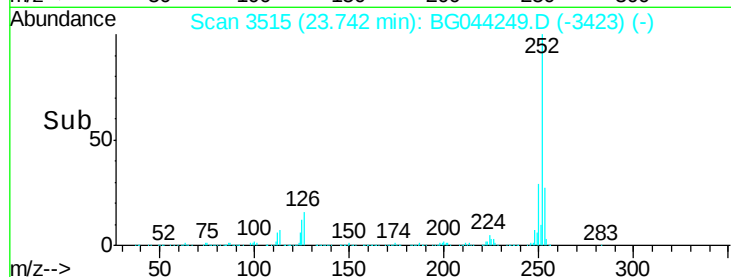
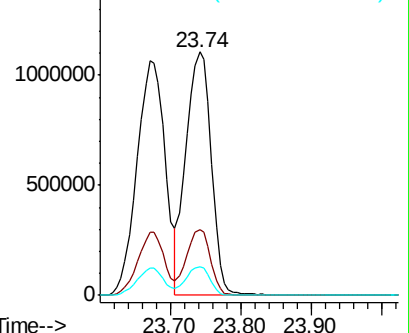
125 11.9 8.6 12.8



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



#90

Benzo(a)pyrene

Concen: 86.487 ng

RT: 24.51 min Scan# 3646

Delta R.T. 0.01 min

Lab File: BG044249.D

Acq: 30 Jan 2020 14:32

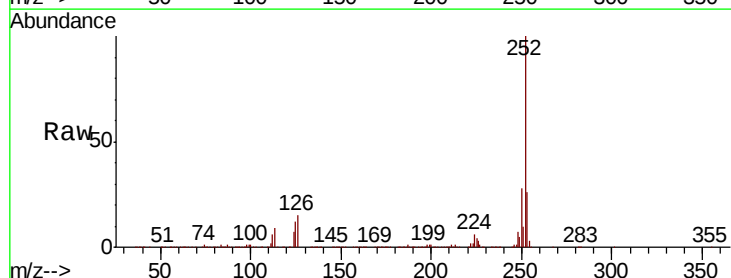
Tgt Ion:252 Resp: 2818189

Ion Ratio Lower Upper

252 100

253 26.0 18.1 27.1

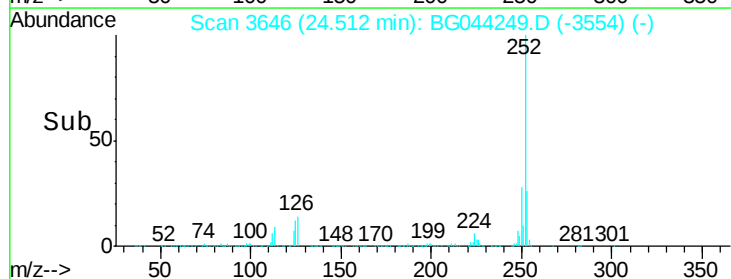
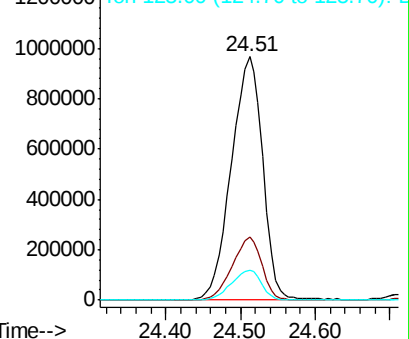
125 12.5 8.6 13.0

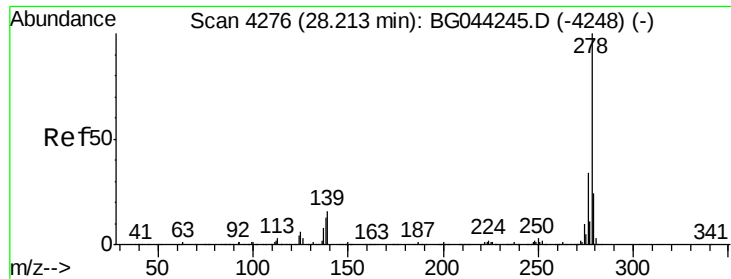


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

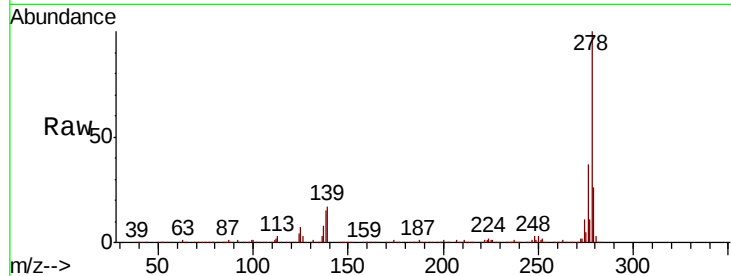




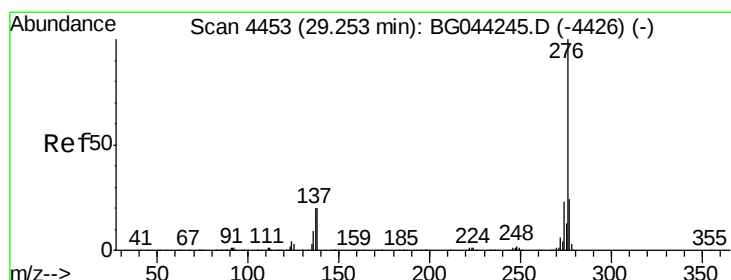
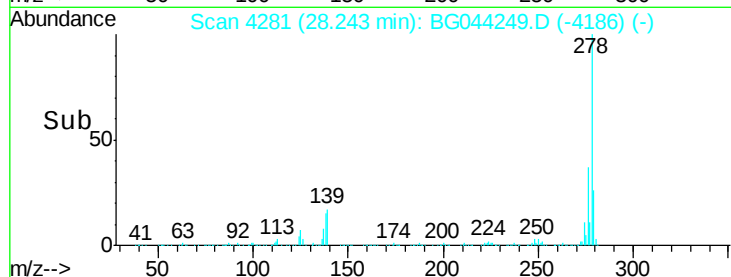
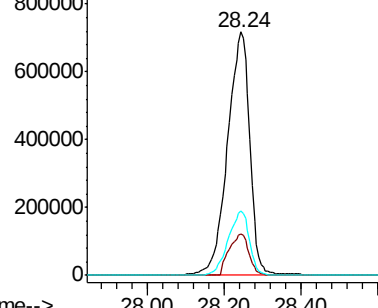
#91
Dibenzo(a,h)anthracene
Concen: 88.853 ng
RT: 28.24 min Scan# 4281
Delta R.T. 0.03 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 2888153
Ion Ratio Lower Upper
278 100
139 17.2 12.7 19.1
279 26.3 19.3 28.9

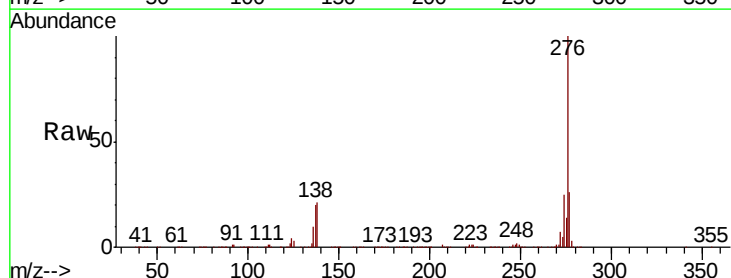


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 89.755 ng
RT: 29.28 min Scan# 4458
Delta R.T. 0.03 min
Lab File: BG044249.D
Acq: 30 Jan 2020 14:32

Tgt Ion:276 Resp: 2921349
Ion Ratio Lower Upper
276 100
277 25.7 18.8 28.2
138 21.5 16.2 24.2



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

