

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012820\
 Data File : BG044230.D
 Acq On : 28 Jan 2020 12:44
 Operator : CG/JU
 Sample : PB126367BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 28 15:49:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	76789	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	349965	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	242922	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	521383	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	454734	20.00	ng	-0.03
87) Perylene-d12	24.67	264	495438	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	541439	129.46	ng	-0.03
7) Phenol-d6	7.10	99	734752	125.69	ng	-0.02
23) Nitrobenzene-d5	9.09	82	449697	68.74	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	310620	122.19	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1086125	81.01	ng	-0.04
79) Terphenyl-d14	19.93	244	1610588	85.54	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	72854	39.953	ng	97
3) Pyridine	3.79	79	177833	33.012	ng	91
4) n-Nitrosodimethylamine	3.70	42	90431	37.706	ng	99
6) Aniline	7.25	93	233978	30.473	ng	98
8) 2-Chlorophenol	7.49	128	233980	47.656	ng	99
9) Benzaldehyde	7.06	77	112414	30.045	ng	96
10) Phenol	7.13	94	290512	48.233	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	211944	40.765	ng	97
12) 1,3-Dichlorobenzene	7.82	146	234938	40.891	ng	98
13) 1,4-Dichlorobenzene	7.96	146	236940	41.797	ng	98
14) 1,2-Dichlorobenzene	8.28	146	226626	41.650	ng	97
15) Benzyl Alcohol	8.16	79	193635	41.970	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	280959	34.929	ng	98
17) 2-Methylphenol	8.38	107	205432	47.132	ng	97
18) Hexachloroethane	9.02	117	87418	39.630	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	168132	38.620	ng	97
20) 3+4-Methylphenols	8.70	107	281896	46.361	ng	99
22) Acetophenone	8.75	105	321257	36.924	ng	98
24) Nitrobenzene	9.13	77	244377	37.717	ng	98
25) Isophorone	9.65	82	470584	38.342	ng	99
26) 2-Nitrophenol	9.84	139	132883	43.349	ng	96
27) 2,4-Dimethylphenol	9.91	122	228178	49.449	ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	305662	37.356	ng	100
29) 2,4-Dichlorophenol	10.38	162	242775	44.107	ng	96
30) 1,2,4-Trichlorobenzene	10.60	180	237602	38.500	ng	98
31) Naphthalene	10.78	128	703251	41.526	ng	98
32) Benzoic acid	10.06	122	90916	27.300	ng	97
33) 4-Chloroaniline	10.88	127	200445	24.815	ng	96
34) Hexachlorobutadiene	11.08	225	140774	37.360	ng	98
35) Caprolactam	11.65	113	85656	41.803	ng	96
36) 4-Chloro-3-methylphenol	12.02	107	262101	44.731	ng	97
37) 2-Methylnaphthalene	12.39	142	542547	42.553	ng	96
38) 1-Methylnaphthalene	12.61	142	515360	42.648	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	265418	37.278	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	291122	78.867	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	195620	39.929	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	213072	42.168	ng	97
46) 1,1'-Biphenyl	13.40	154	685693	39.369	ng	99
47) 2-Chloronaphthalene	13.44	162	544741	38.705	ng	97
48) 2-Nitroaniline	13.64	65	162817	35.964	ng	97
49) Acenaphthylene	14.29	152	861337	42.580	ng	97
50) Dimethylphthalate	14.02	163	693814	40.225	ng	98
51) 2,6-Dinitrotoluene	14.13	165	159055	40.799	ng	95
52) Acenaphthene	14.63	154	532602	37.544	ng	98
53) 3-Nitroaniline	14.46	138	128399	29.003	ng	97
54) 2,4-Dinitrophenol	14.67	184	133507	68.096	ng	97
55) Dibenzofuran	14.97	168	843075	43.171	ng	96
56) 4-Nitrophenol	14.79	139	275958	81.343	ng	96
57) 2,4-Dinitrotoluene	14.92	165	222600	41.962	ng	99
58) Fluorene	15.61	166	663041	42.836	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	192223	44.241	ng	93
60) Diethylphthalate	15.38	149	704380	40.829	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	350332	41.682	ng	96
62) 4-Nitroaniline	15.63	138	159665	36.521	ng	93
63) Azobenzene	15.90	77	645766	40.362	ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	119422	44.780	ng	95
66) n-Nitrosodiphenylamine	15.82	169	615639	40.096	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	228428	38.955	ng	97
68) Hexachlorobenzene	16.62	284	244716	38.729	ng	96
69) Atrazine	16.77	200	227680	45.619	ng	99
70) Pentachlorophenol	16.97	266	251690	72.260	ng	98
71) Phenanthrene	17.35	178	1034255	41.357	ng	97
72) Anthracene	17.44	178	1054834	42.680	ng	97
73) Carbazole	17.71	167	938284	41.099	ng	97
74) Di-n-butylphthalate	18.28	149	1172540	40.227	ng	97
75) Fluoranthene	19.36	202	1195604	41.804	ng	96
77) Benzidine	19.54	184	352023	30.798	ng	98
78) Pyrene	19.72	202	1204621	40.584	ng	96
80) Butylbenzylphthalate	20.61	149	540516	38.249	ng	96
81) Benzo(a)anthracene	21.54	228	1153999	40.927	ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	368488	33.078	ng	99
83) Chrysene	21.61	228	1109228	41.401	ng	95
84) Bis(2-ethylhexyl)phthalate	21.46	149	764652	39.216	ng	97
85) Di-n-octyl phthalate	22.64	149	1347705	41.113	ng	96
86) Indeno(1,2,3-cd)pyrene	28.19	276	1425514	39.151	ng	98
88) Benzo(b)fluoranthene	23.68	252	1208627	41.265	ng	97
89) Benzo(k)fluoranthene	23.75	252	1205959	43.299	ng	98
90) Benzo(a)pyrene	24.52	252	1130484	40.895	ng	97
91) Dibenzo(a,h)anthracene	28.25	278	1183262	42.621	ng	98
92) Benzo(g,h,i)perylene	29.29	276	1202742	43.614	ng	96

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

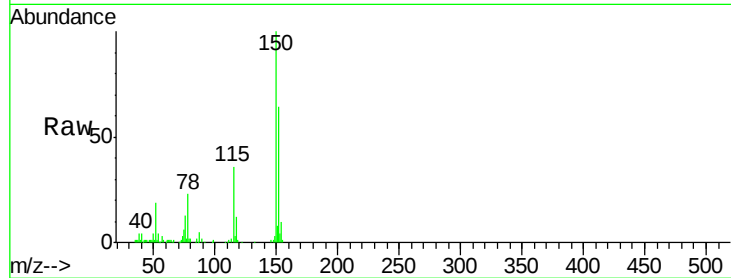


#1

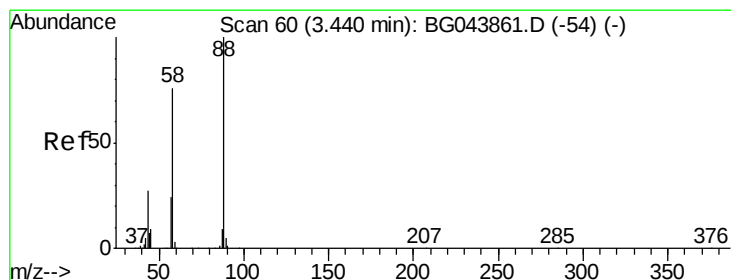
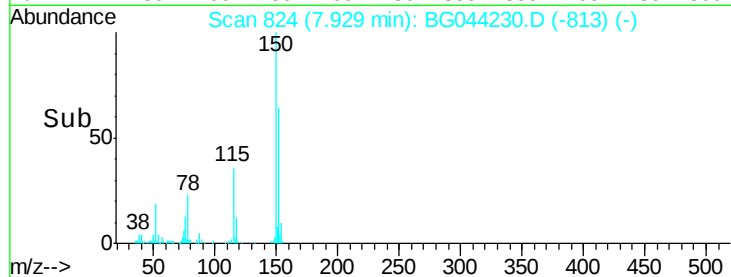
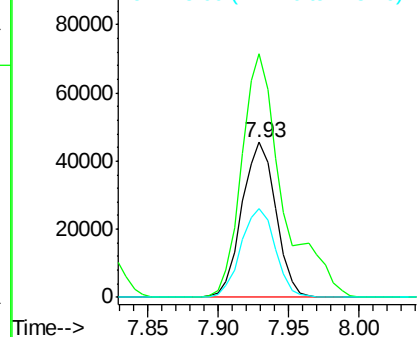
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	76789
Ion Ratio	Lower	Upper	
152	100		
150	157.2	127.0	190.4
115	57.3	47.8	71.8



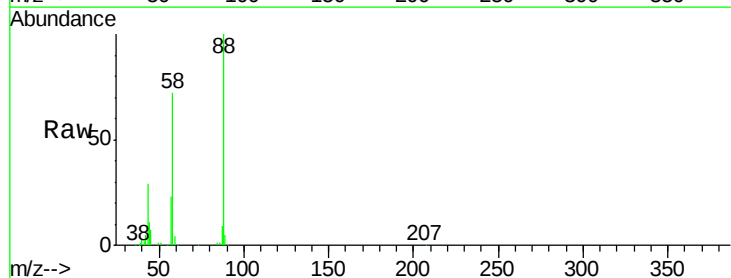
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



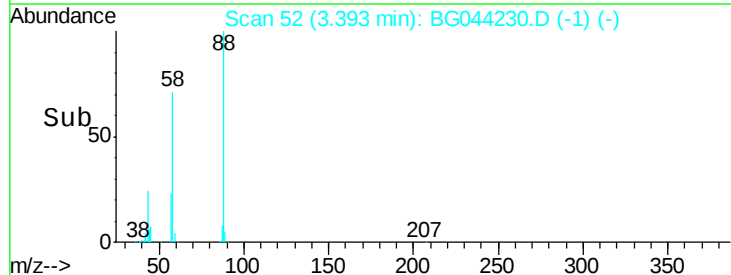
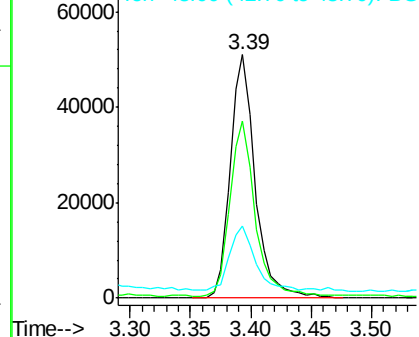
#2

1,4-Dioxane
Concen: 39.953 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion	88	Resp	72854
Ion Ratio	Lower	Upper	
88	100		
58	73.3	59.8	89.8
43	25.9	22.9	34.3



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: 33.012 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

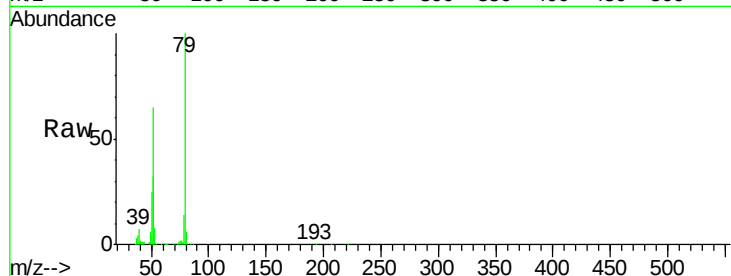
Tot Ion: 79 Resp: 177833

Ion Ratio Lower Upper

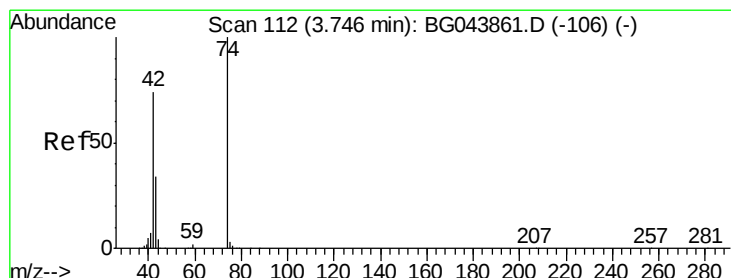
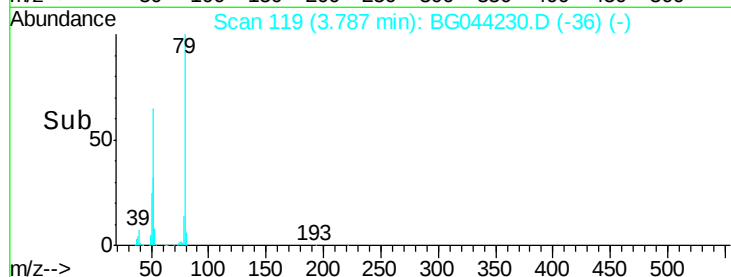
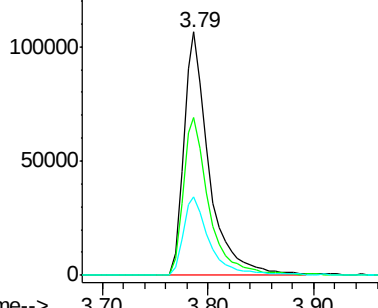
79 100

52 64.9 58.9 88.3

51 32.0 28.6 43.0



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



#4

n-Nitrosodimethylamine

Concen: 37.706 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.05 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

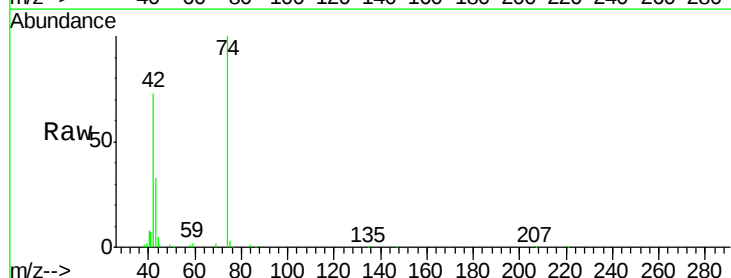
Tgt Ion: 42 Resp: 90431

Ion Ratio Lower Upper

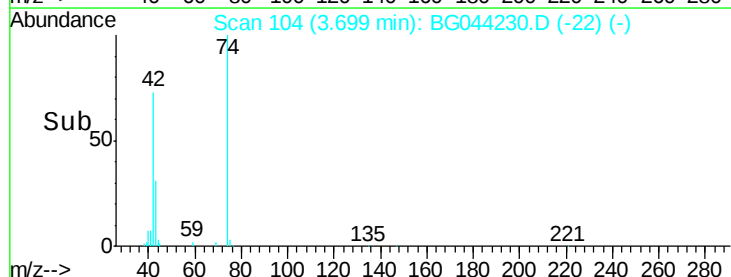
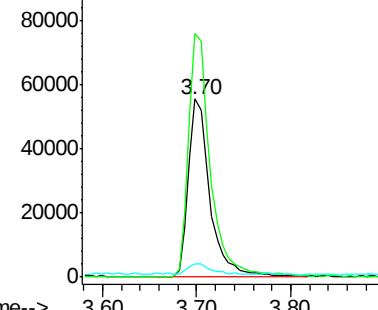
42 100

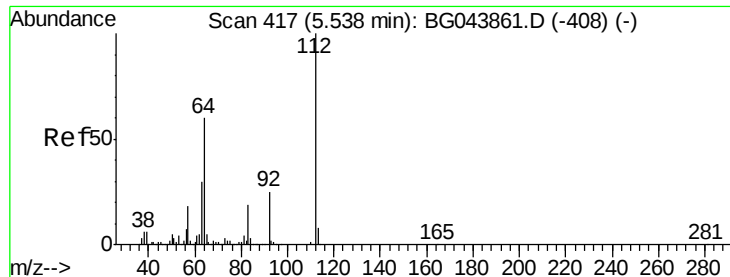
74 136.8 108.6 162.8

44 7.1 5.0 7.6



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





#5

2-Fluorophenol

Concen: 129.465 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

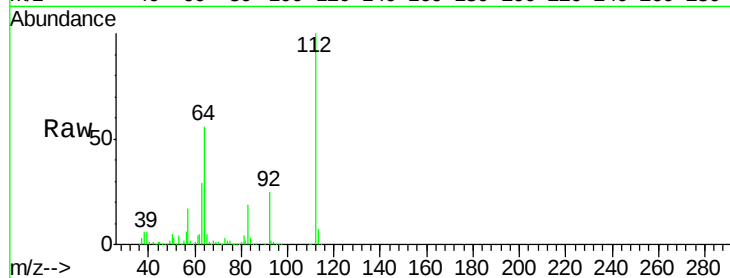
Tot Ion:112 Resp: 541439

Ion Ratio Lower Upper

112 100

64 55.8 47.8 71.6

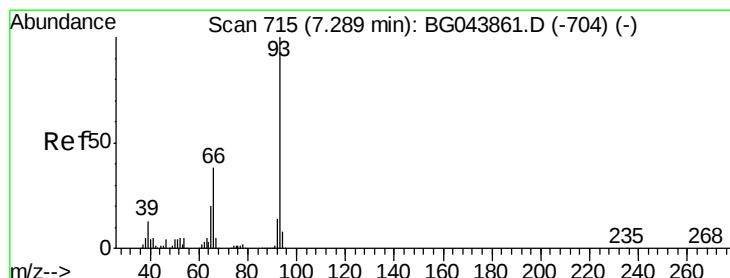
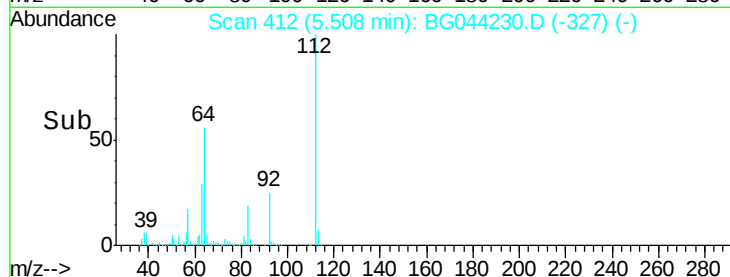
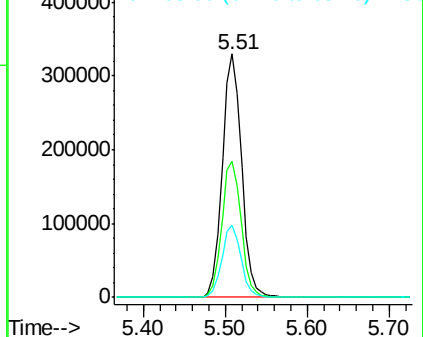
63 29.4 24.3 36.5



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: 30.473 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

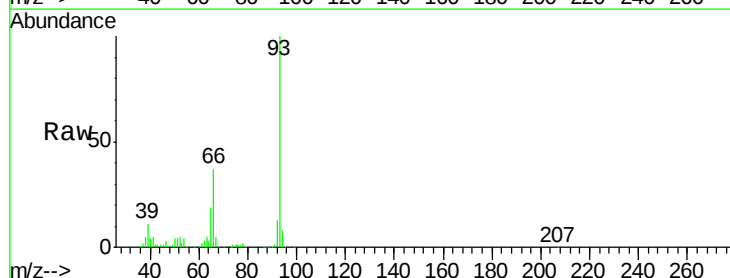
Tgt Ion: 93 Resp: 233978

Ion Ratio Lower Upper

93 100

66 37.1 30.8 46.2

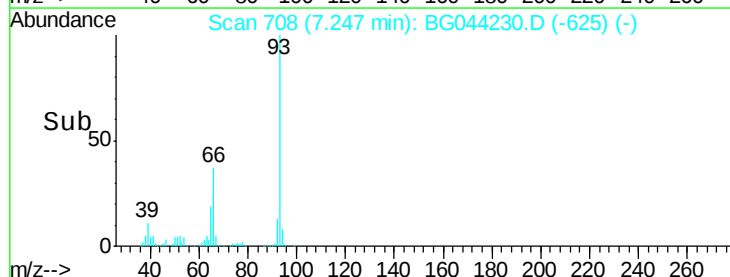
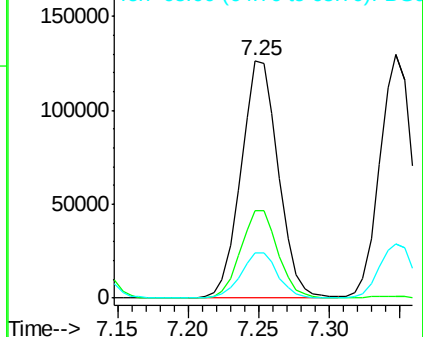
65 18.8 16.0 24.0



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: 125.688 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

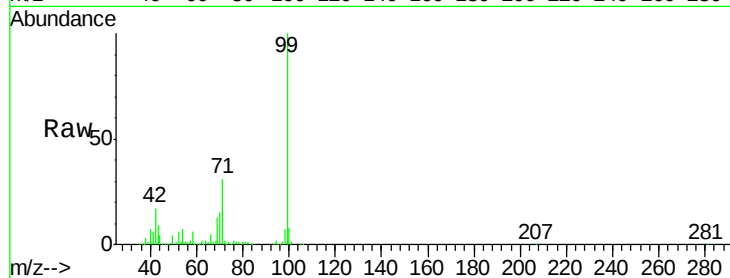
Tot Ion: 99 Resp: 734752

Ion Ratio Lower Upper

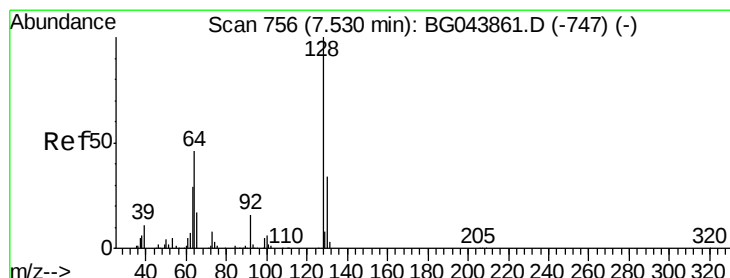
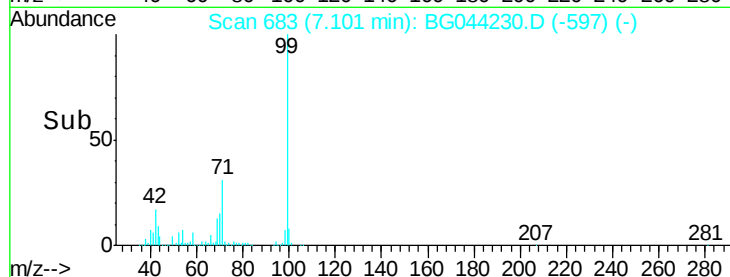
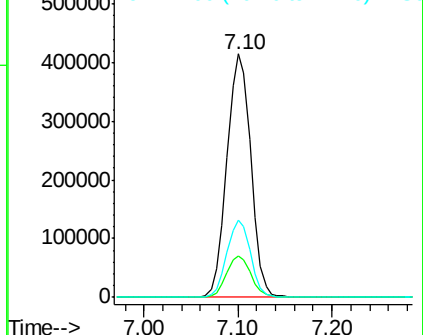
99 100

42 17.0 14.9 22.3

71 31.5 26.4 39.6



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: 47.656 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

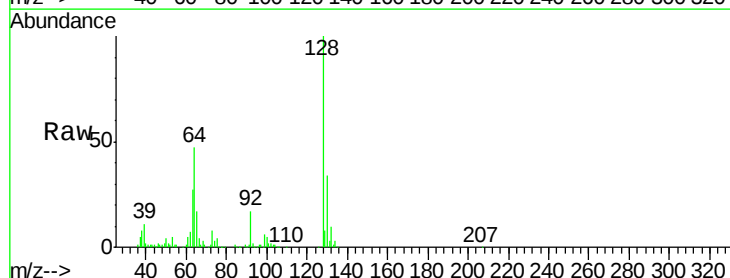
Tgt Ion: 128 Resp: 233980

Ion Ratio Lower Upper

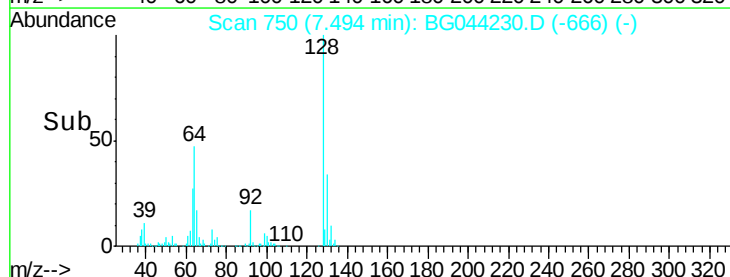
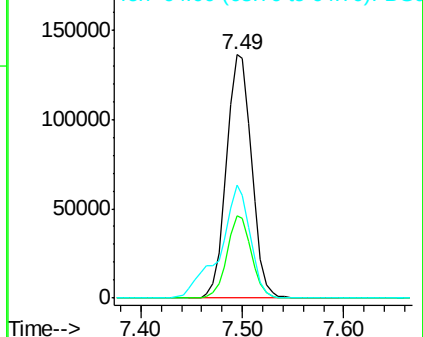
128 100

130 34.0 13.8 53.8

64 46.7 27.6 67.6



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





#9

Benzaldehyde

Concen: 30.045 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

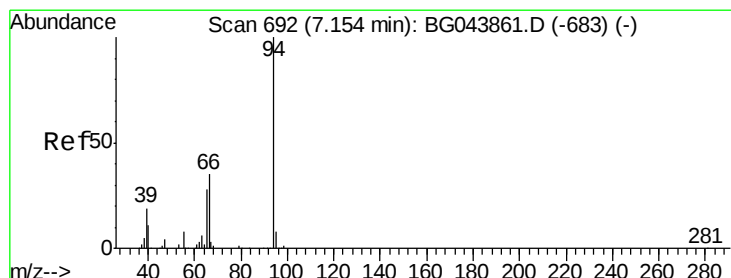
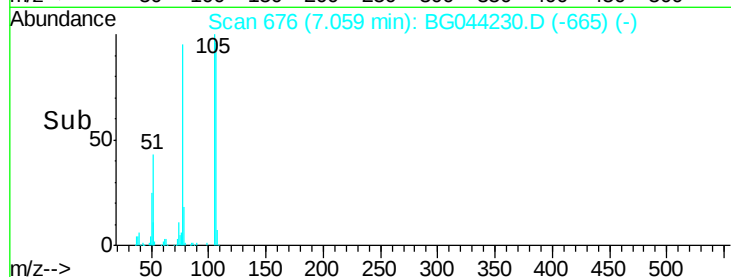
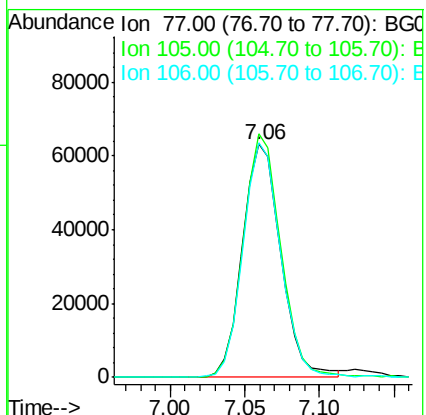
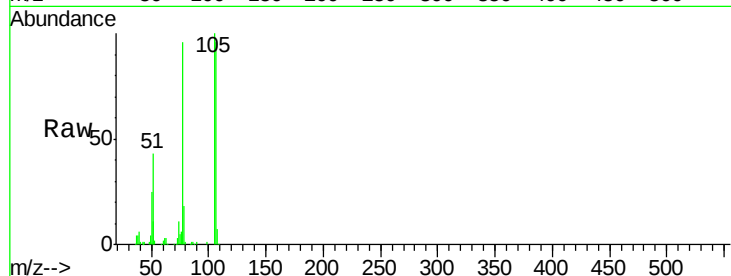
Tot Ion: 77 Resp: 112414

Ion Ratio Lower Upper

77 100

105 104.5 80.2 120.2

106 100.7 77.2 117.2



#10

Phenol

Concen: 48.233 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

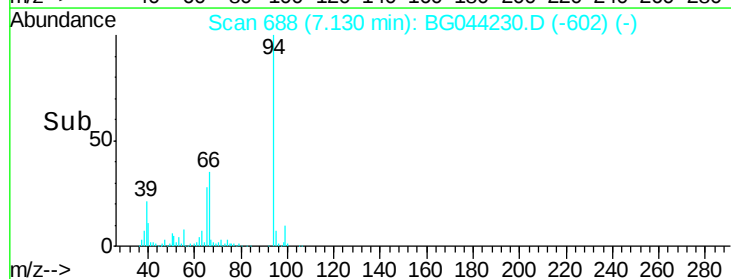
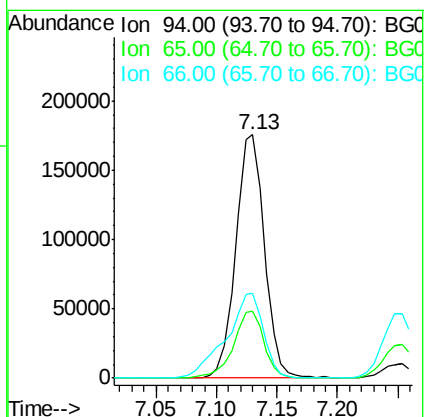
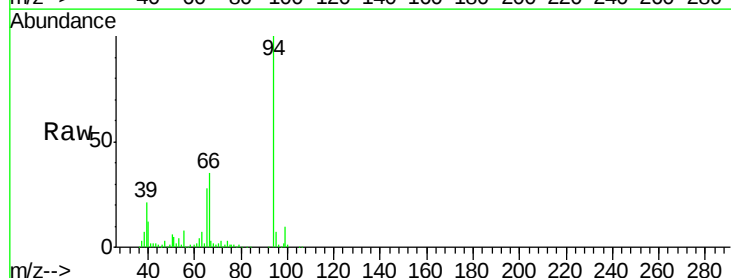
Tgt Ion: 94 Resp: 290512

Ion Ratio Lower Upper

94 100

65 27.7 8.1 48.1

66 34.8 15.6 55.6

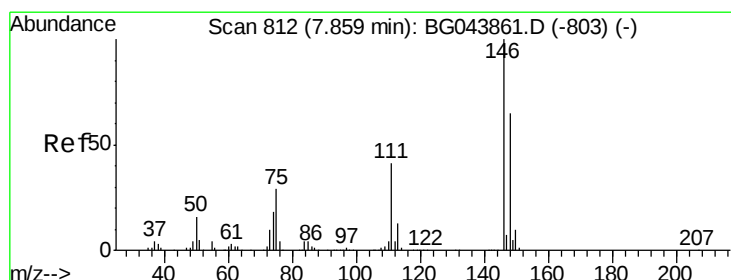
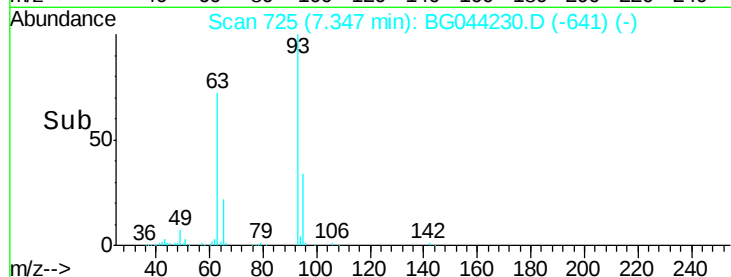
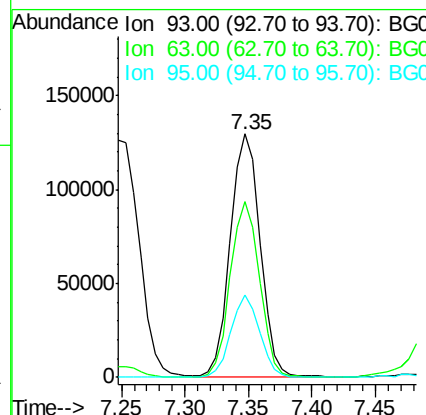
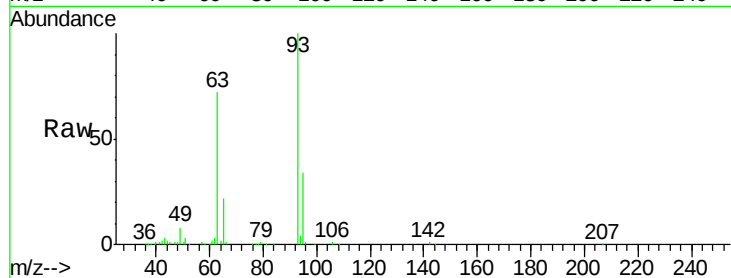




#11
bis(2-Chloroethyl)ether
Concen: 40.765 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

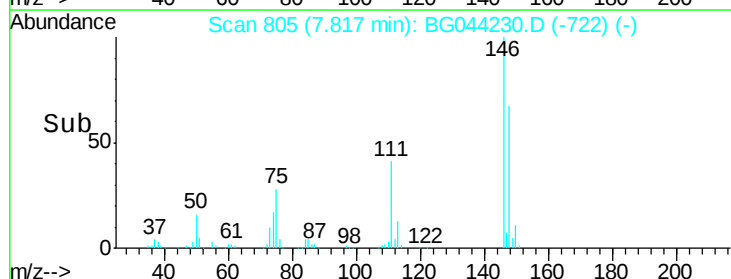
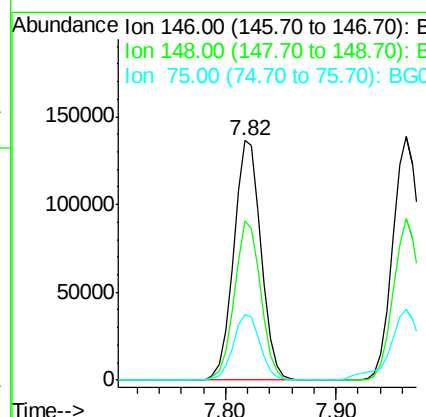
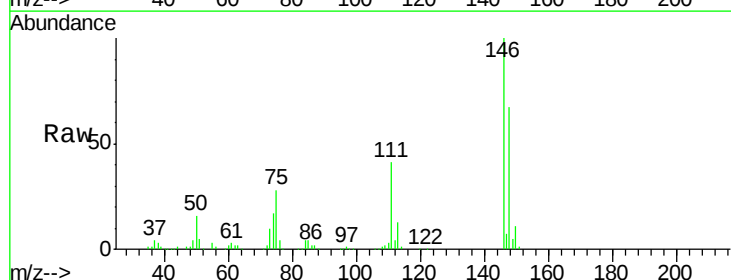
Instrument :
BNA_G
ClientSampleId :

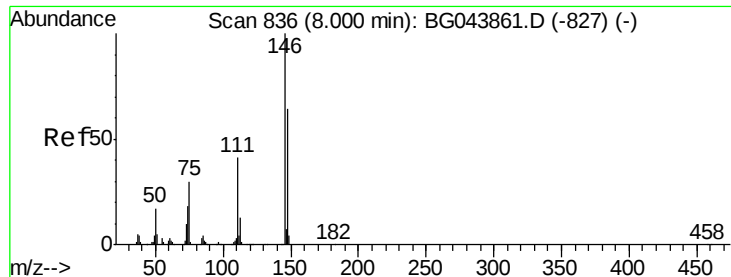
Tot Ion: 93 Resp: 211944
Ion Ratio Lower Upper
93 100
63 72.3 55.0 95.0
95 34.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.891 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion: 146 Resp: 234938
Ion Ratio Lower Upper
146 100
148 66.5 52.1 78.1
75 27.7 23.0 34.4

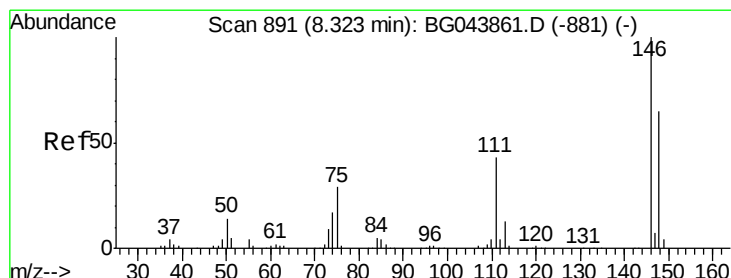
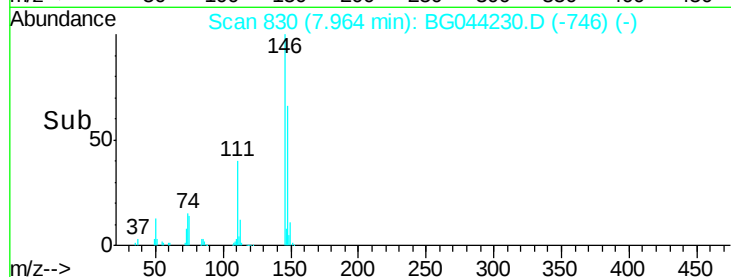
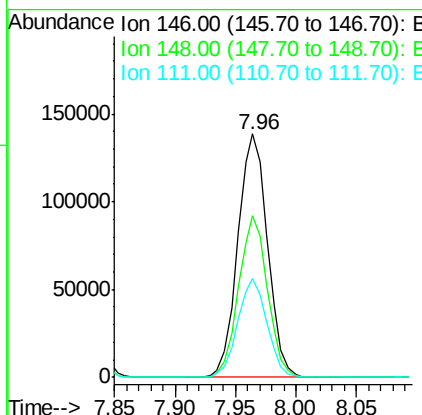
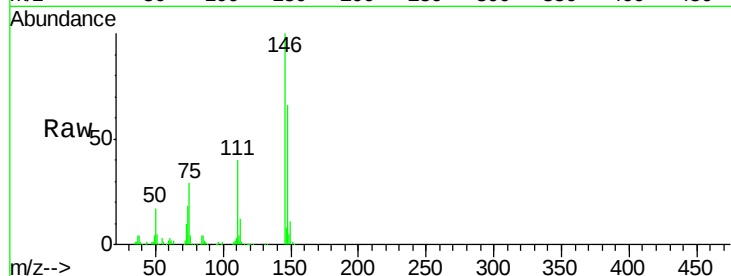




#13
 1,4-Dichlorobenzene
 Concen: 41.797 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.04 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

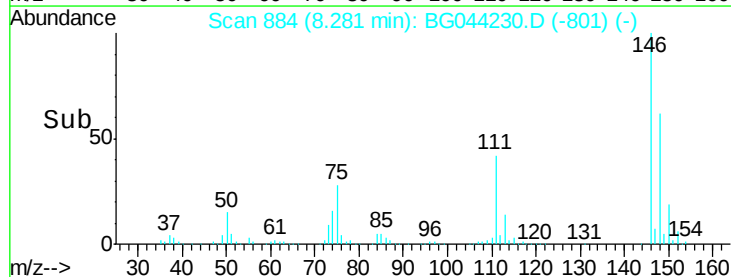
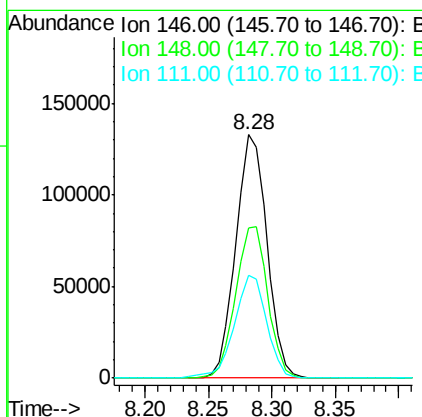
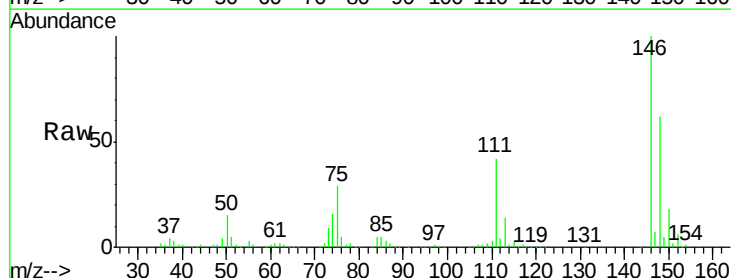
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.2	76.8
111	40.4	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 41.650 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.7	77.5
111	42.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 41.970 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampled :

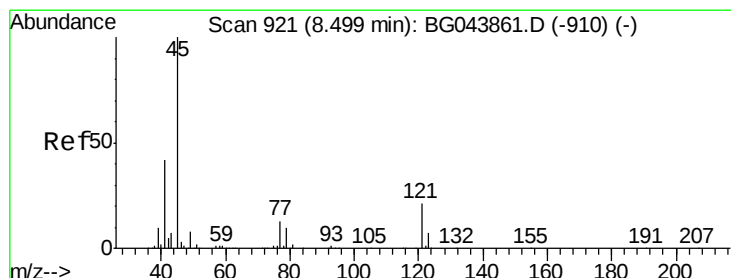
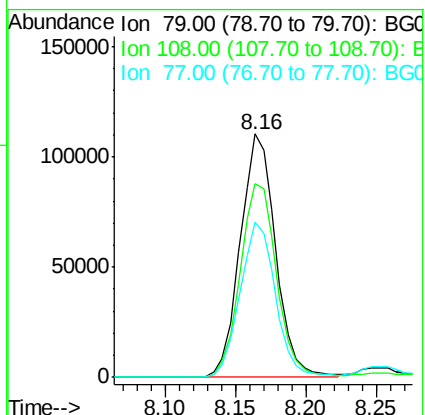
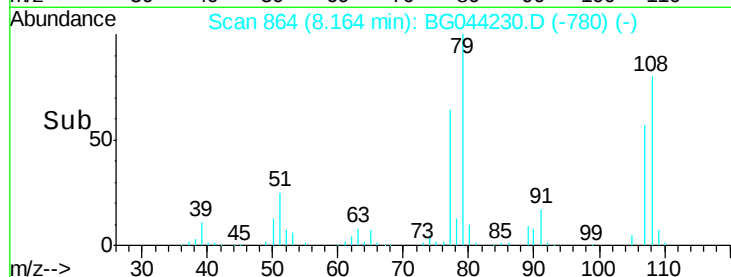
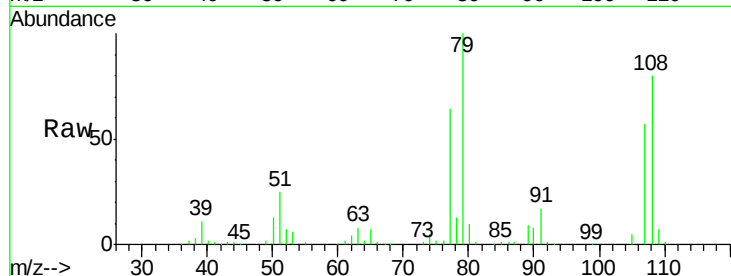
Tot Ion: 79 Resp: 193635

Ion Ratio Lower Upper

79 100

108 79.5 65.6 98.4

77 63.8 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.929 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

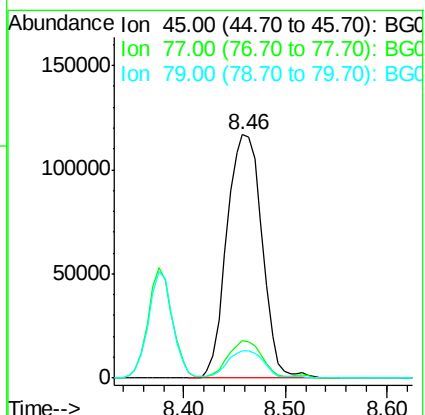
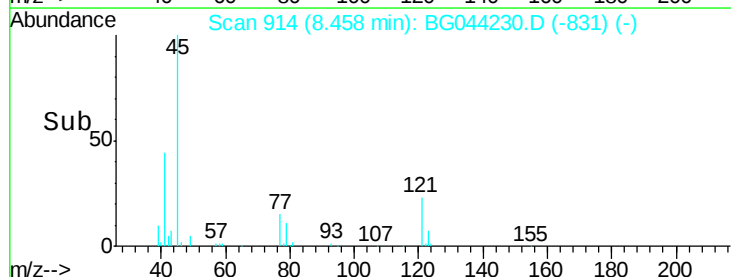
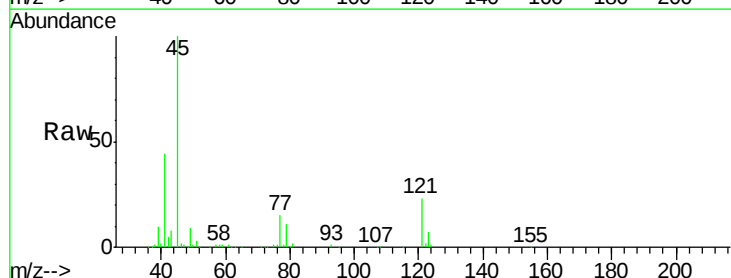
Tgt Ion: 45 Resp: 280959

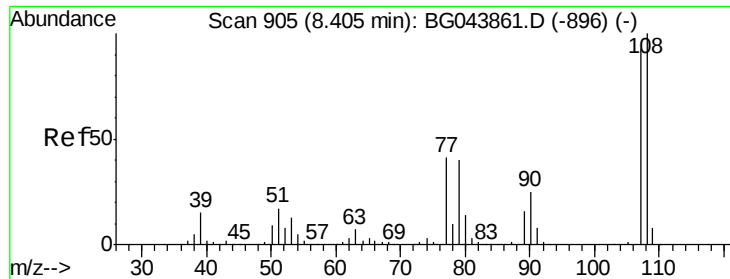
Ion Ratio Lower Upper

45 100

77 15.2 0.0 33.8

79 11.3 0.0 31.0

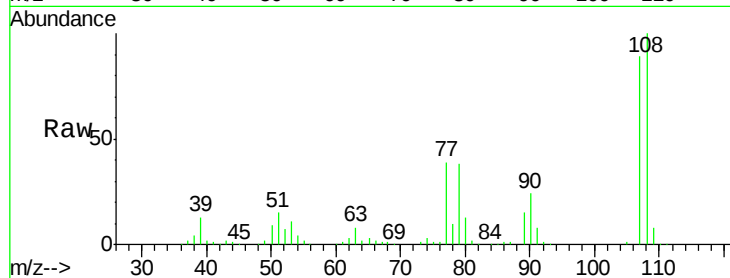




#17
2-Methylphenol
Concen: 47.132 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	205432
Ion	Ratio	Lower	Upper
107	100		
108	112.9	86.1	129.1
77	44.0	35.4	53.0
79	42.5	34.8	52.2



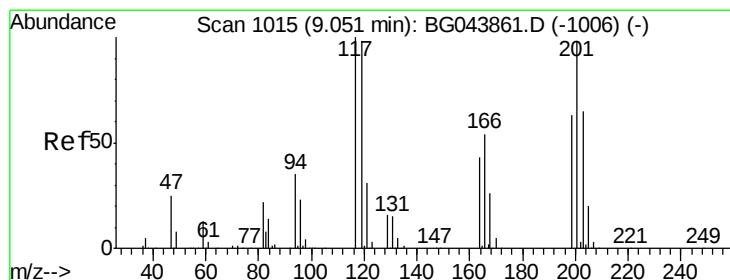
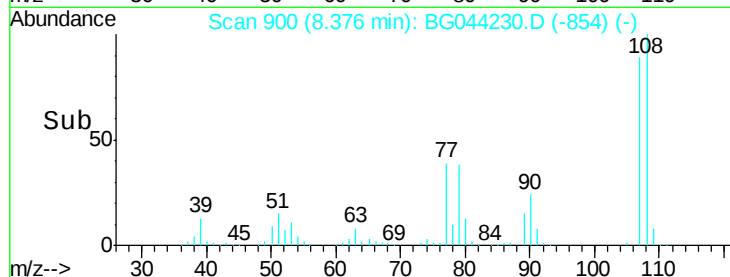
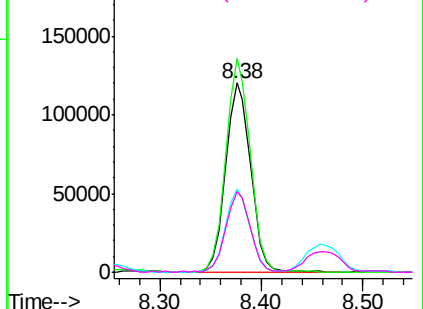
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

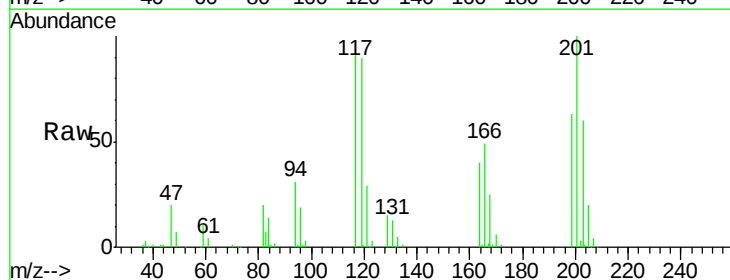
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.630 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion:	117	Resp:	87418
Ion	Ratio	Lower	Upper
117	100		
119	99.5	78.1	117.1
201	110.2	78.6	117.8

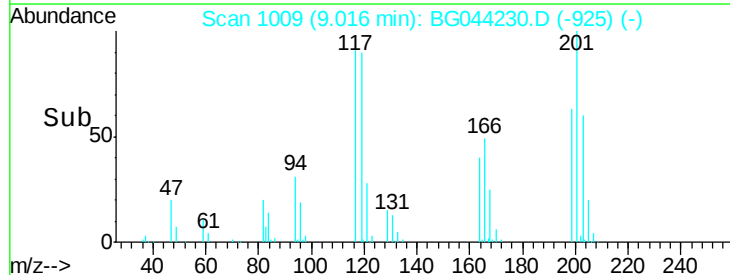
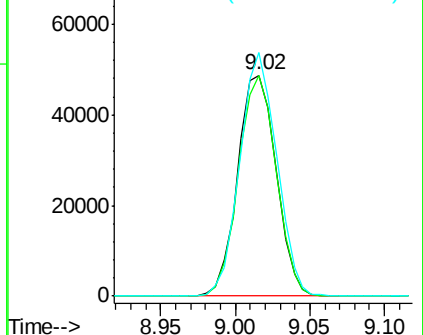


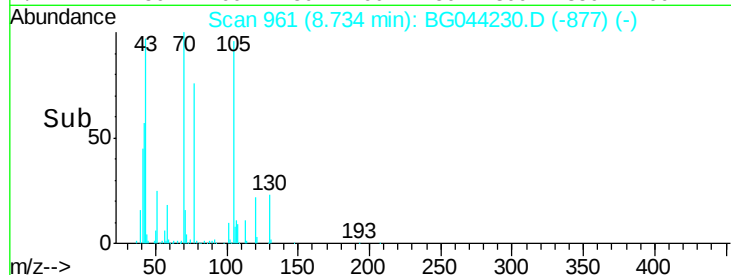
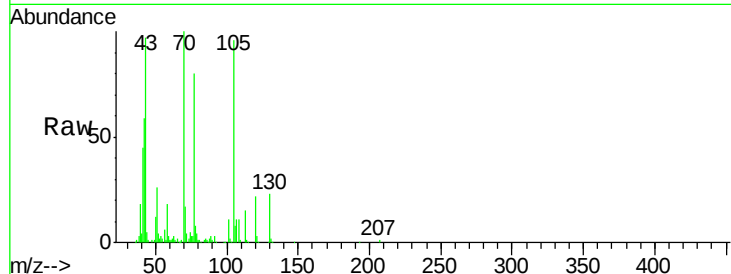
Abundance

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

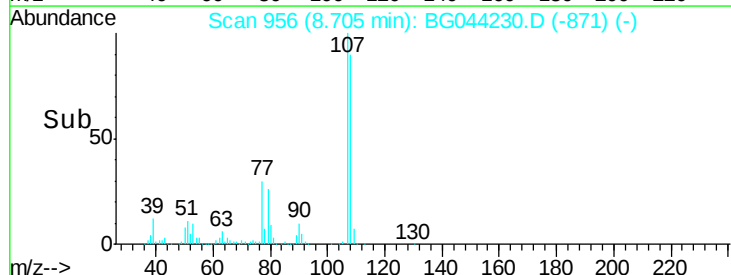
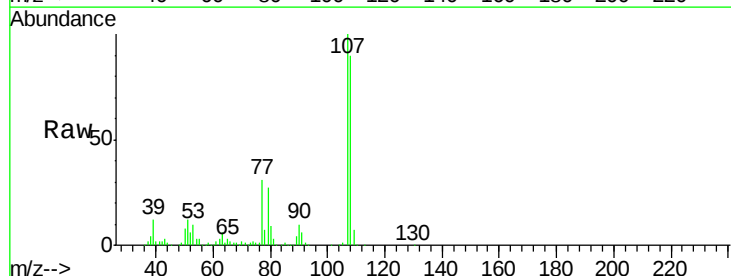
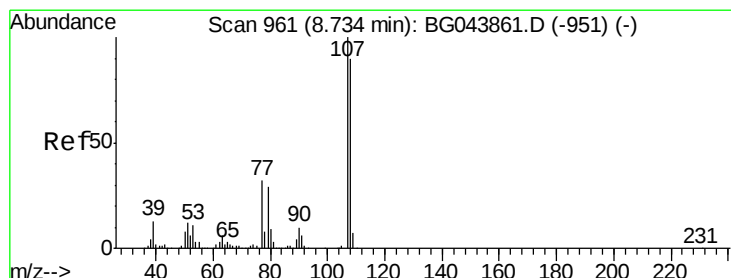
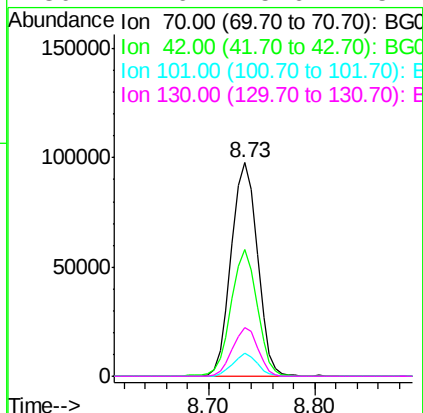




#19
n-Nitroso-di-n-propylamine
Concen: 38.620 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

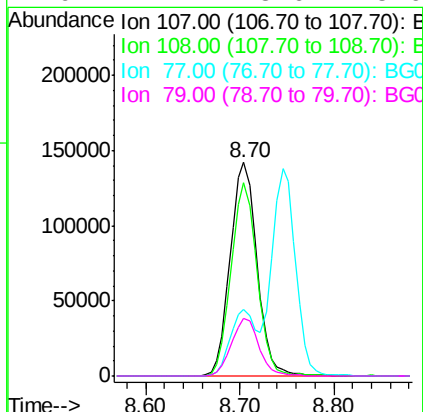
Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	168132
Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.0	70.4
101	10.7	7.2	10.8
130	22.6	15.6	23.4



#20
3+4-Methylphenols
Concen: 46.361 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion:	107	Resp:	281896
Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.3	110.3
77	30.9	12.4	52.4
79	27.1	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 349965

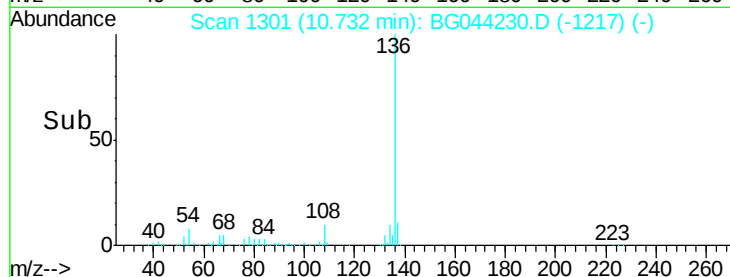
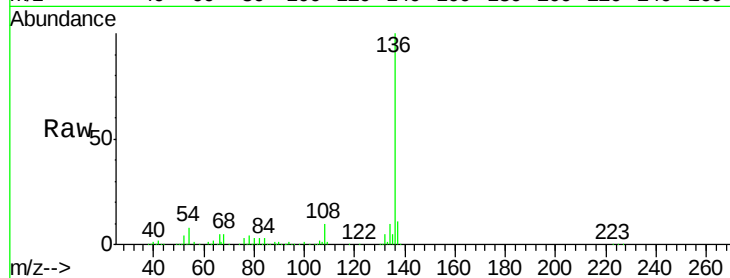
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 7.6 7.0 10.4

68 5.5 4.9 7.3

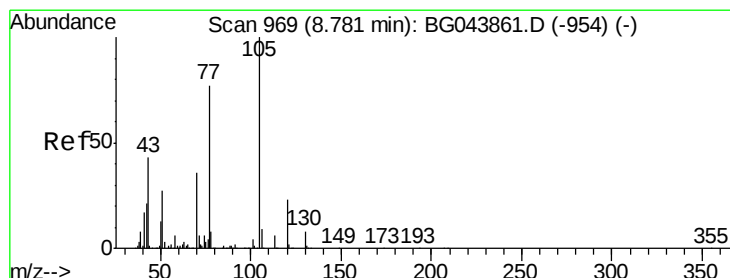
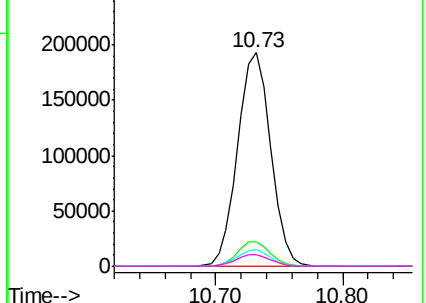


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.924 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Tgt Ion:105 Resp: 321257

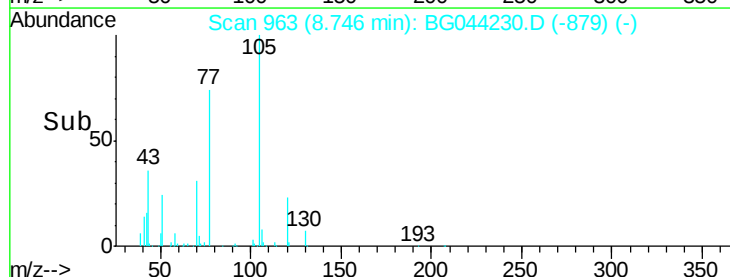
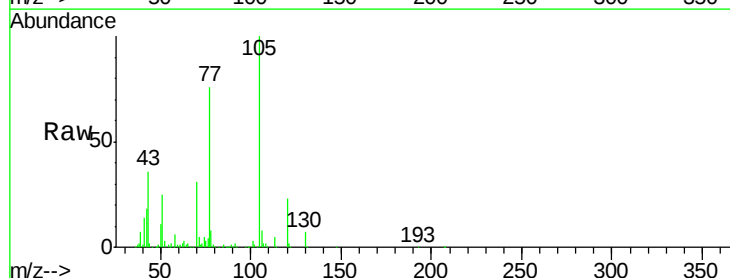
Ion Ratio Lower Upper

105 100

71 4.8 4.8 7.2

51 24.6 21.4 32.0

120 23.4 18.6 28.0

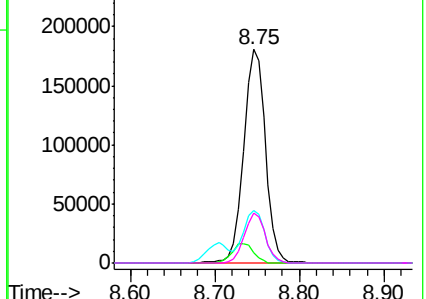


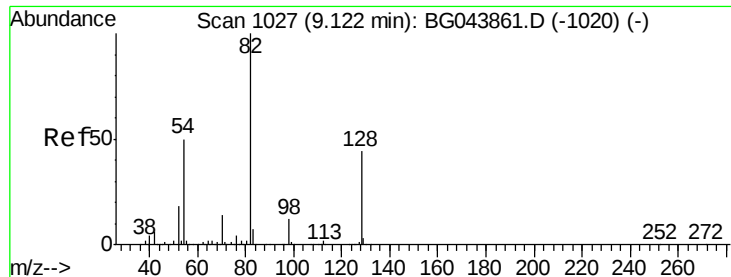
Abundance Ion 105.00 (104.70 to 105.70): E

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

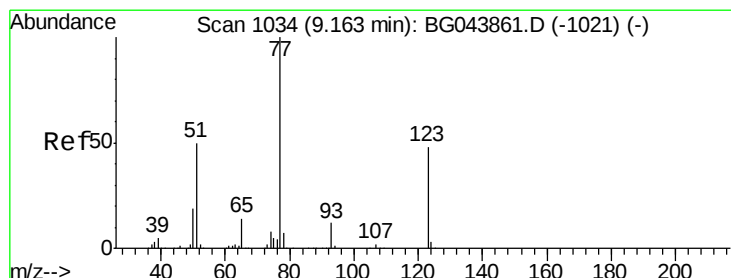
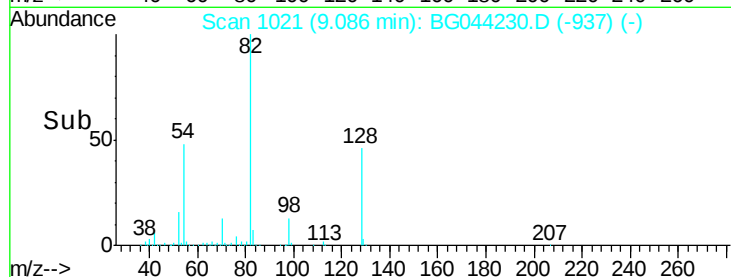
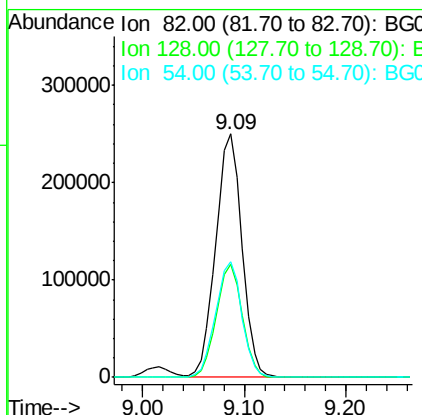
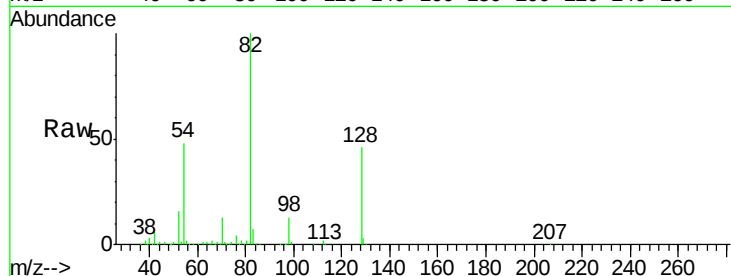




#23
Nitrobenzene-d5
Concen: 68.741 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

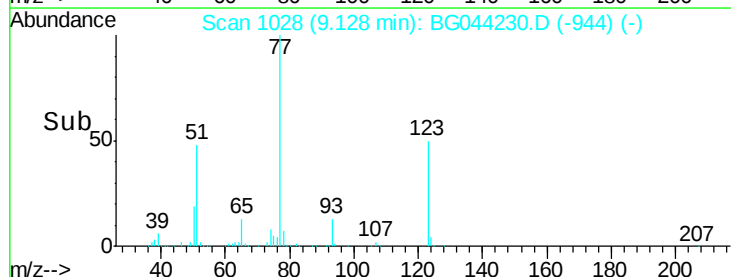
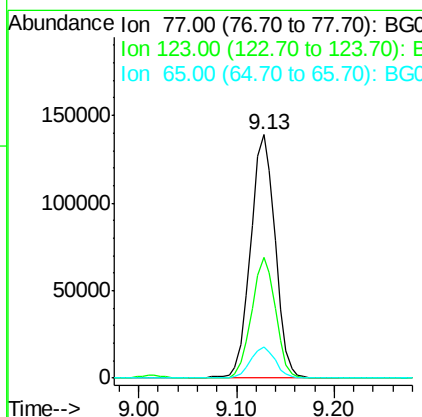
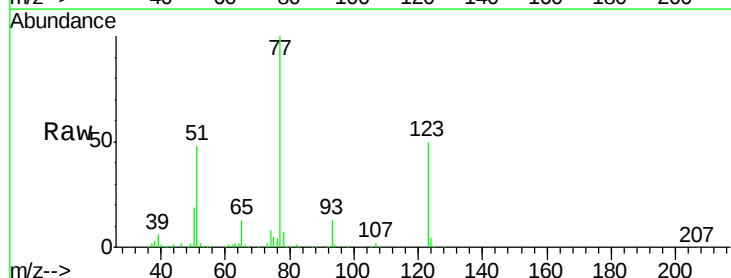
Instrument :
BNA_G
ClientSampleId :

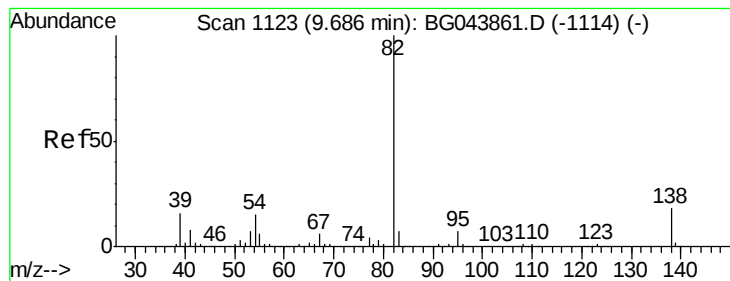
Tot Ion	82	Resp	449697
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.1	52.7
54	47.7	40.1	60.1



#24
Nitrobenzene
Concen: 37.717 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion	77	Resp	244377
Ion Ratio	Lower	Upper	
77	100		
123	49.5	38.7	58.1
65	13.0	11.1	16.7





#25

Isophorone

Concen: 38.342 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

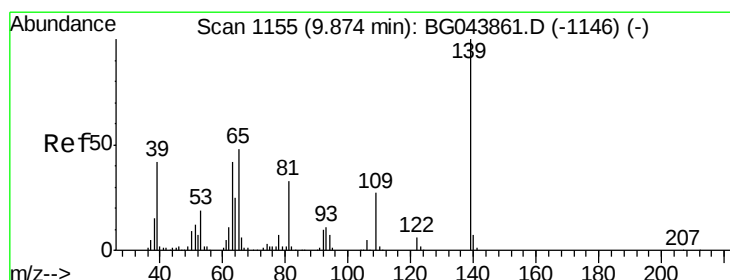
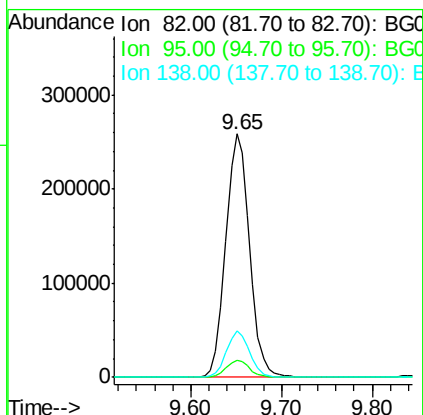
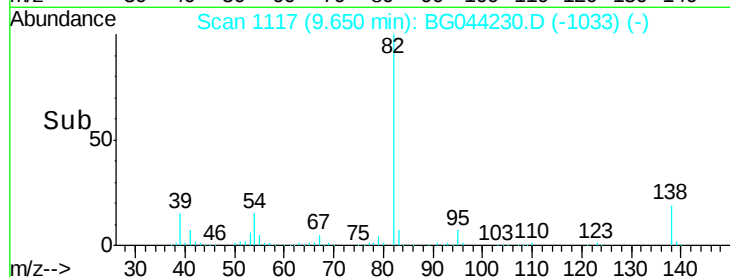
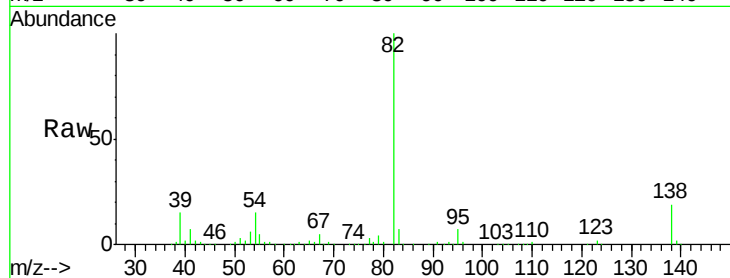
Tot Ion: 82 Resp: 470584

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 19.0 14.6 22.0



#26

2-Nitrophenol

Concen: 43.349 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

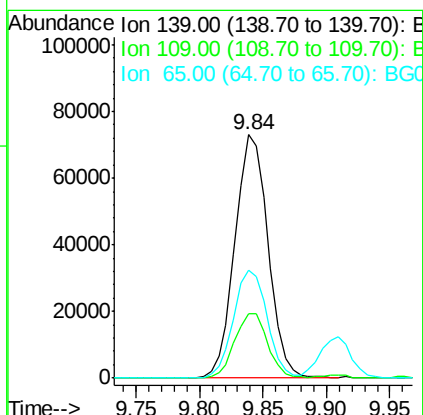
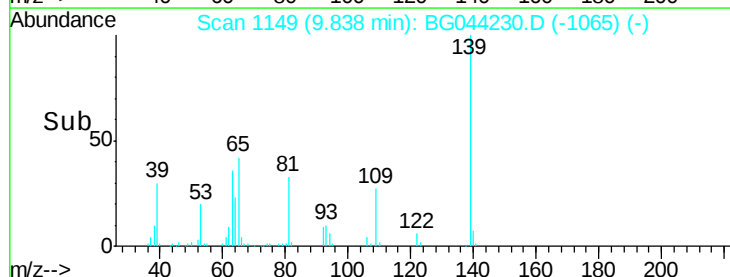
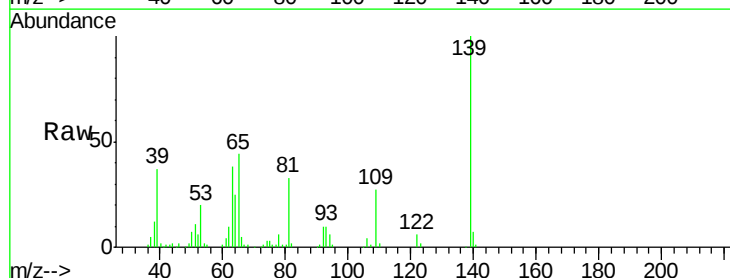
Tgt Ion: 139 Resp: 132883

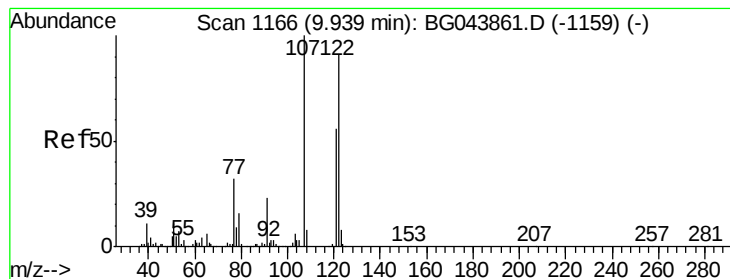
Ion Ratio Lower Upper

139 100

109 26.6 21.3 31.9

65 44.5 38.6 57.8





#27

2,4-Dimethylphenol

Concen: 49.449 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

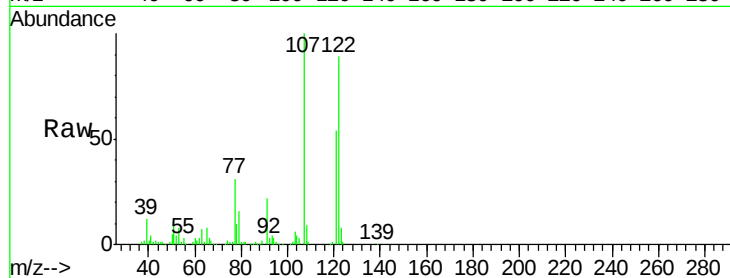
Tot Ion:122 Resp: 228178

Ion Ratio Lower Upper

122 100

107 112.2 88.0 132.0

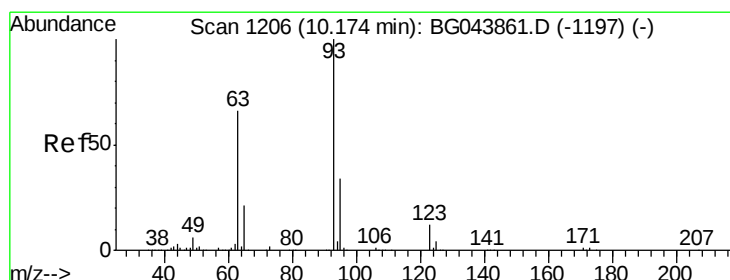
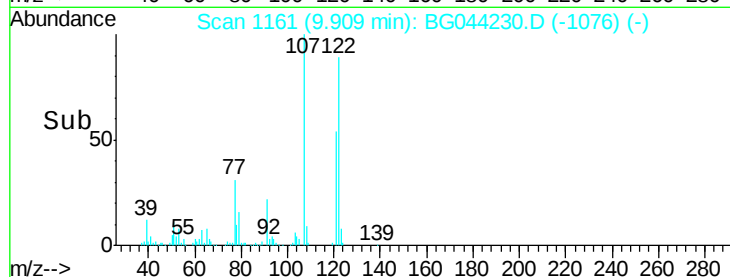
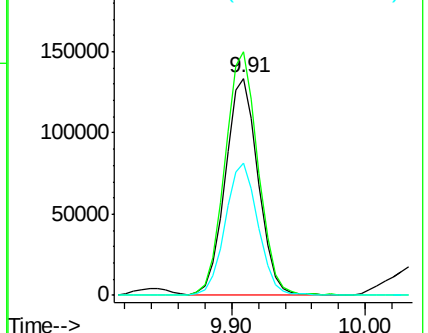
121 60.9 49.0 73.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.356 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

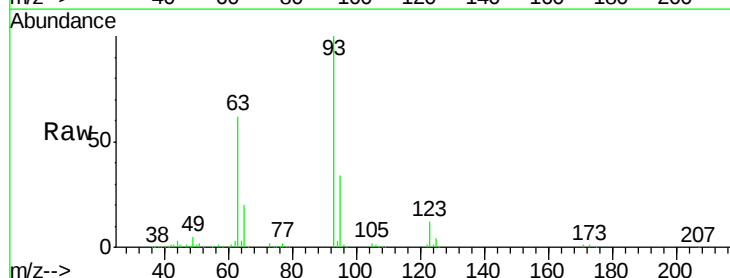
Tgt Ion: 93 Resp: 305662

Ion Ratio Lower Upper

93 100

95 33.7 27.2 40.8

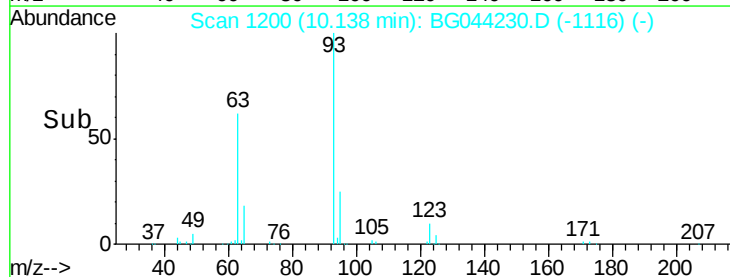
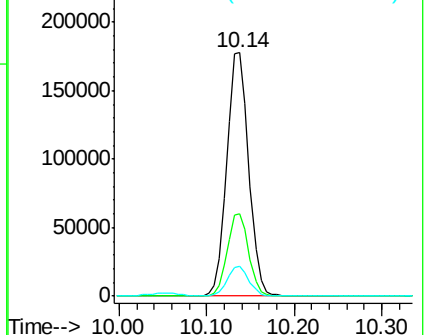
123 12.1 9.7 14.5

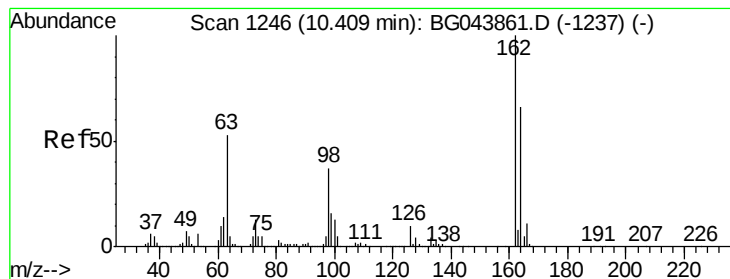


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.107 ng

RT: 10.38 min Scan# 1241

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

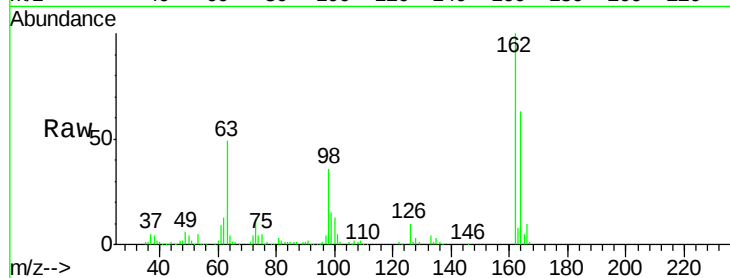
Tot Ion:162 Resp: 242775

Ion Ratio Lower Upper

162 100

164 62.6 46.3 86.3

98 36.3 17.3 57.3

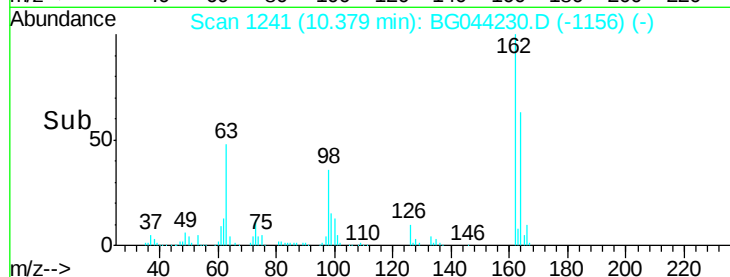


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



10.38

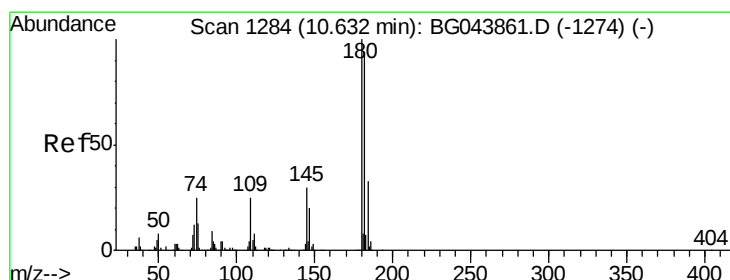
150000

100000

50000

0

10.30 10.40 10.50



#30

1,2,4-Trichlorobenzene

Concen: 38.500 ng

RT: 10.60 min Scan# 1278

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

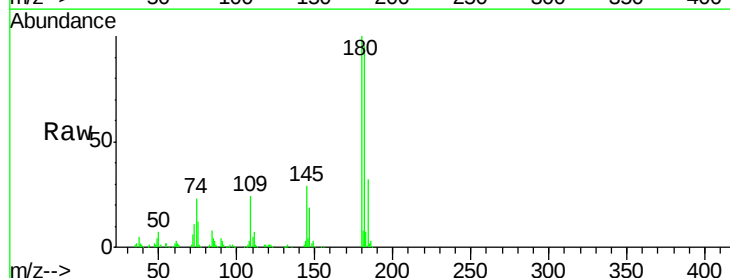
Tgt Ion:180 Resp: 237602

Ion Ratio Lower Upper

180 100

182 95.4 75.0 112.4

145 28.7 24.2 36.4

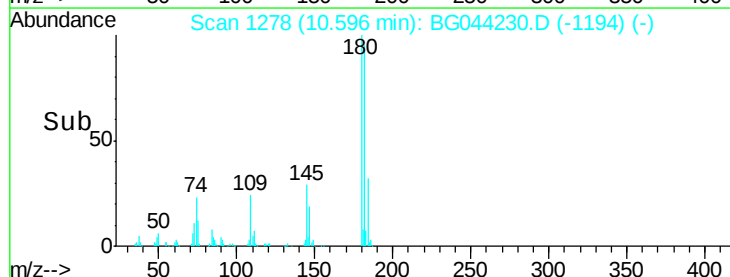


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



10.60

150000

100000

50000

0

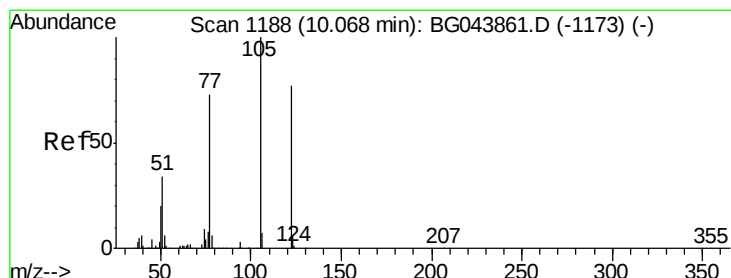
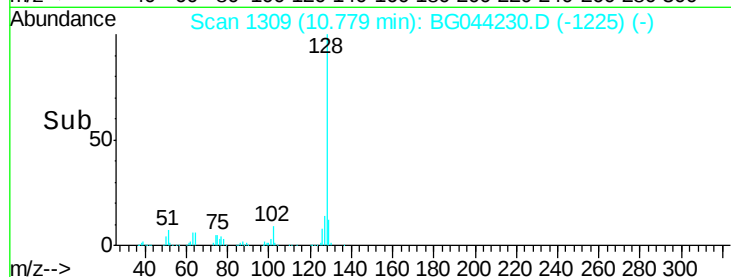
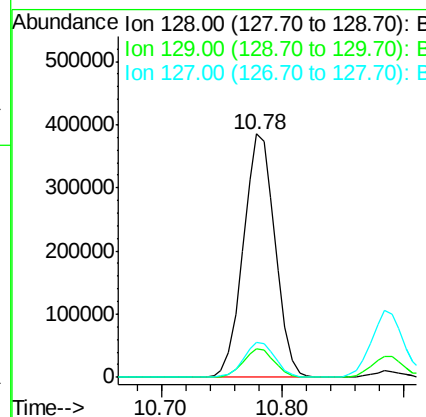
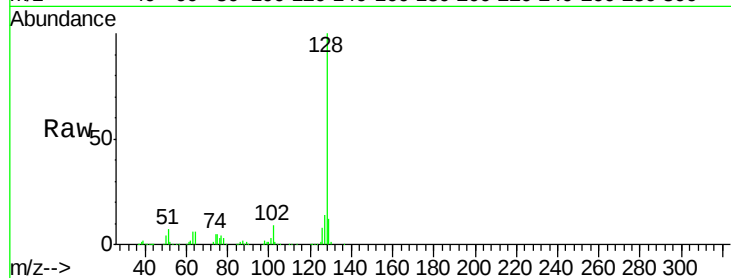
10.50 10.60



#31
Naphthalene
Concen: 41.526 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.04 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

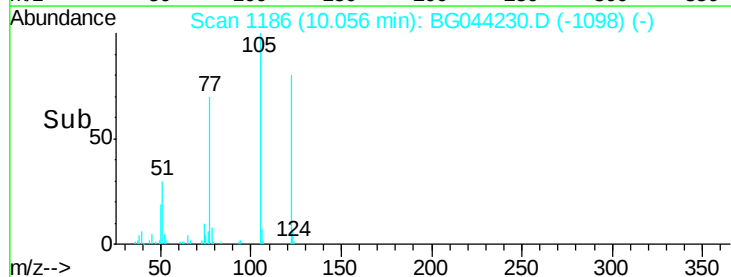
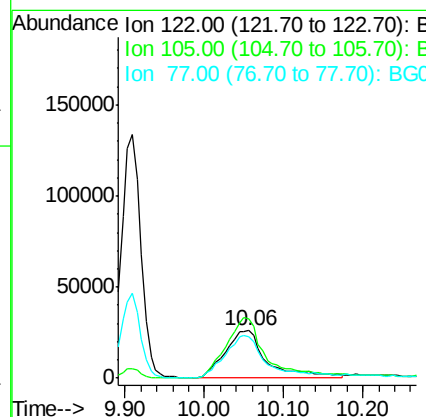
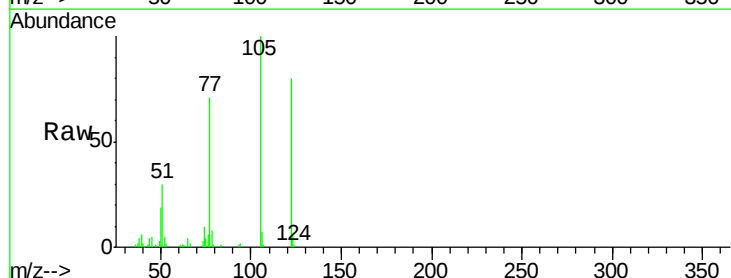
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	14.2	12.0	18.0



#32
Benzoic acid
Concen: 27.300 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	106.4	146.4
77	88.4	74.6	114.6

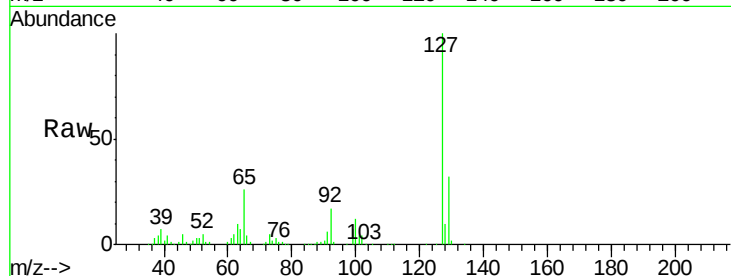




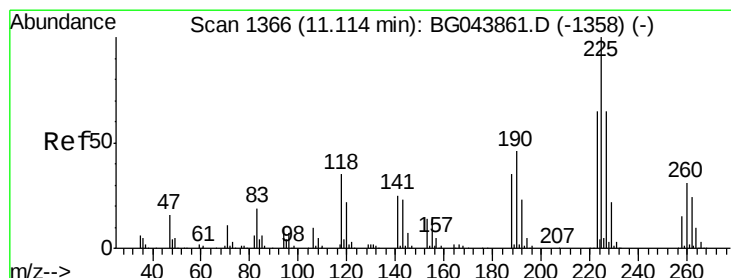
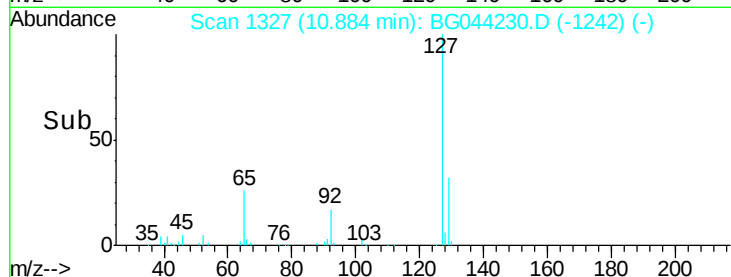
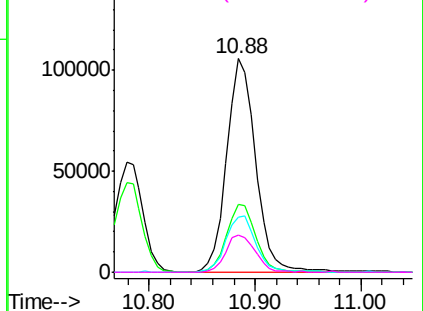
#33
4-Chloroaniline
Concen: 24.815 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	200445
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	40.0
65	26.1	23.3	34.9
92	17.3	14.7	22.1

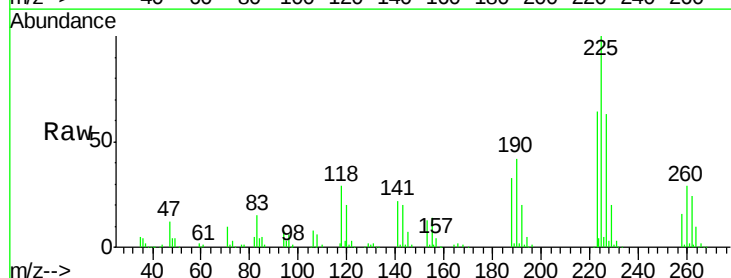


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

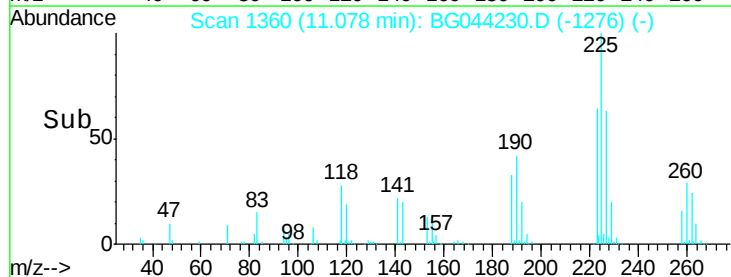
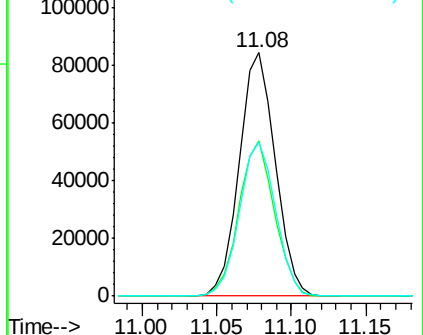


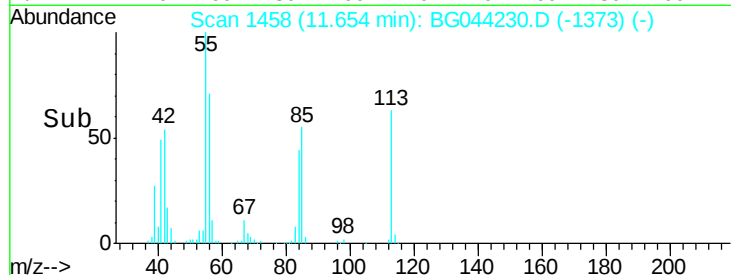
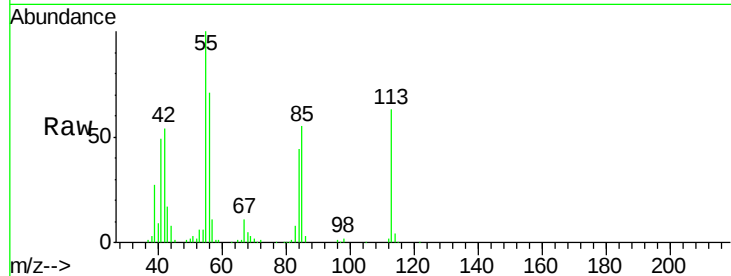
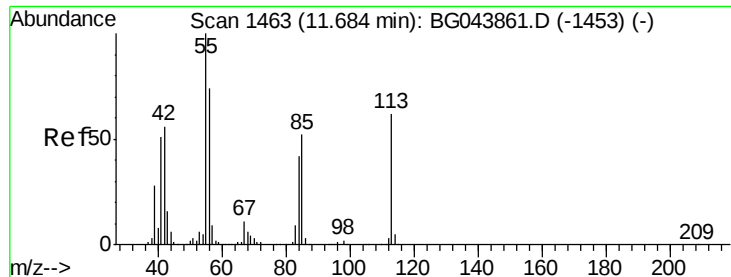
#34
Hexachlorobutadiene
Concen: 37.360 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion:	225	Resp:	140774
Ion	Ratio	Lower	Upper
225	100		
223	64.0	52.2	78.4
227	63.4	52.1	78.1



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: 41.803 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampled :

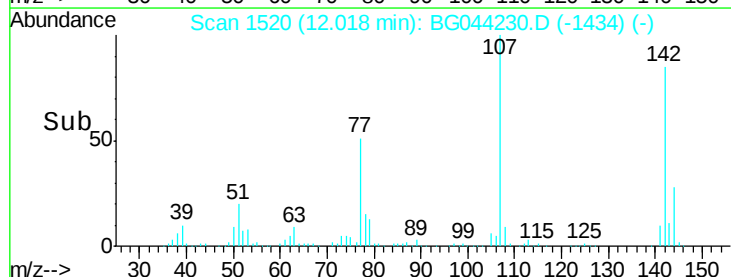
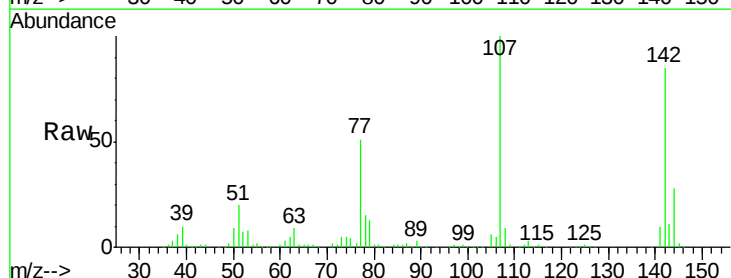
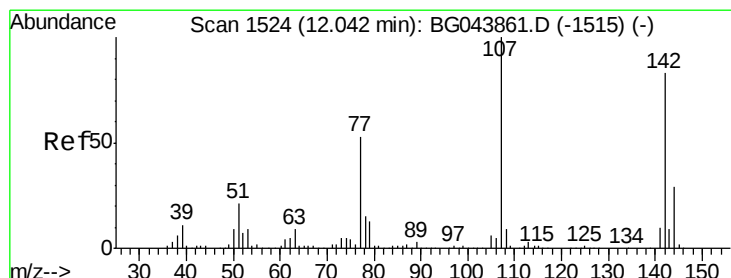
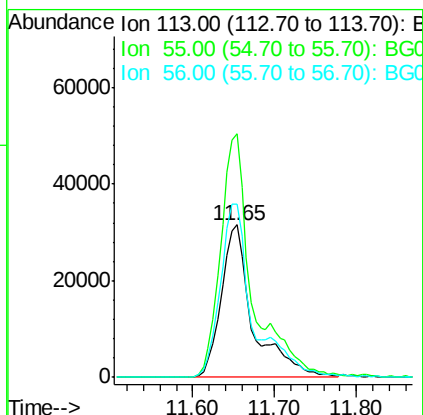
Tot Ion:113 Resp: 85656

Ion Ratio Lower Upper

113 100

55 159.8 142.5 182.5

56 113.6 101.4 141.4



#36

4-Chloro-3-methylphenol

Concen: 44.731 ng

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

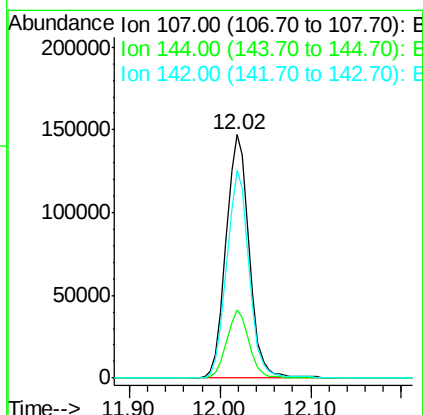
Tgt Ion:107 Resp: 262101

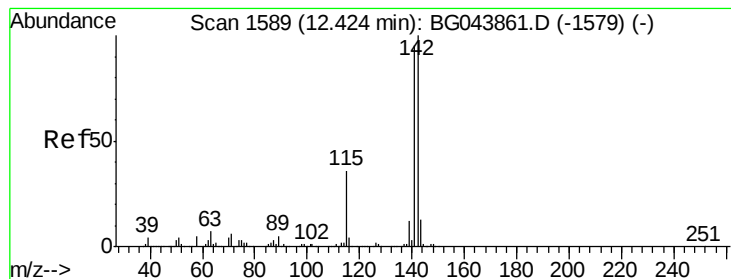
Ion Ratio Lower Upper

107 100

144 27.9 23.4 35.2

142 85.2 66.3 99.5





#37

2-Methylnaphthalene

Concen: 42.553 ng

RT: 12.39 min Scan# 1583

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

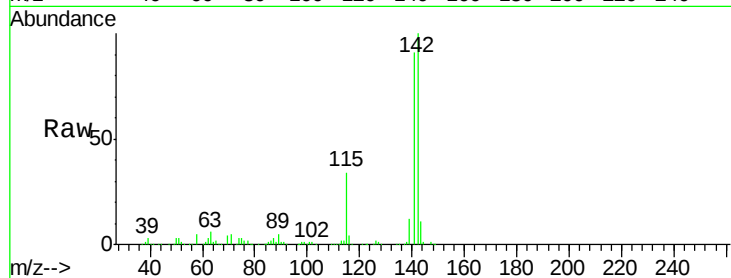
Tot Ion:142 Resp: 542547

Ion Ratio Lower Upper

142 100

141 90.7 75.8 113.8

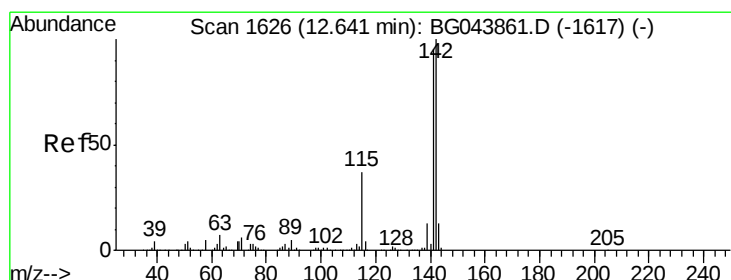
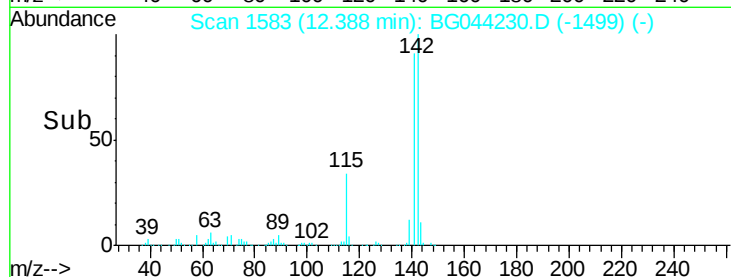
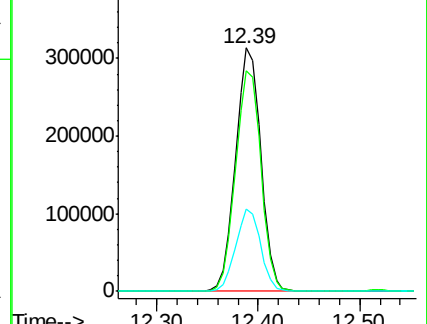
115 33.7 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.648 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

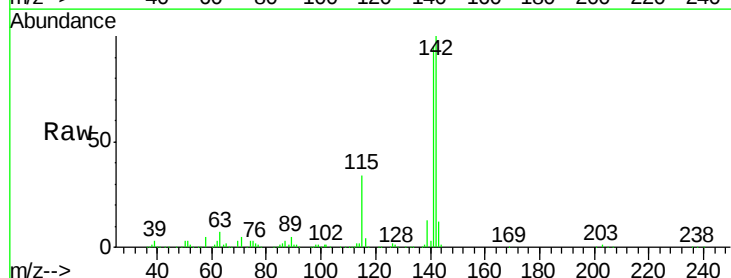
Tgt Ion:142 Resp: 515360

Ion Ratio Lower Upper

142 100

141 94.9 76.0 114.0

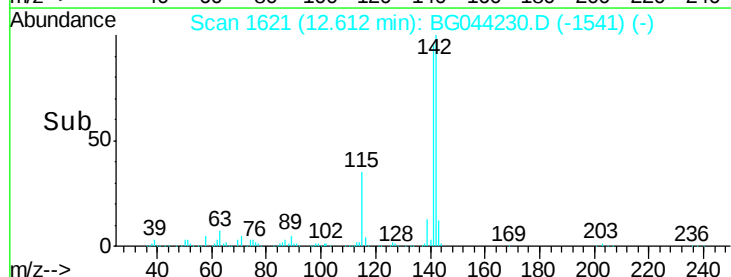
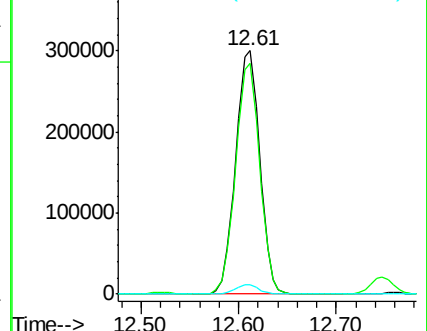
116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

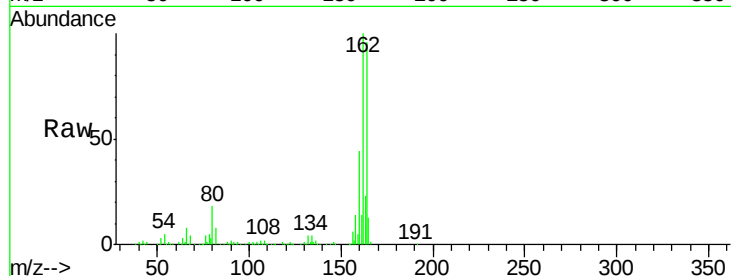
Tot Ion:164 Resp: 242922

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.4

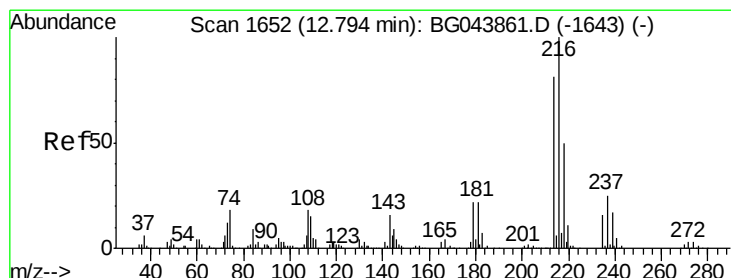
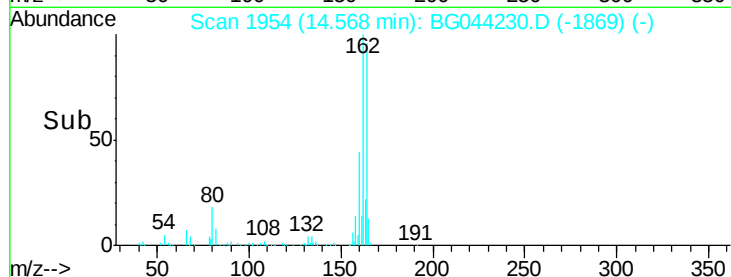
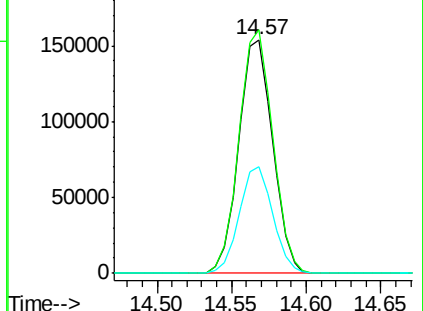
160 45.4 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.278 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Tgt Ion:216 Resp: 265418

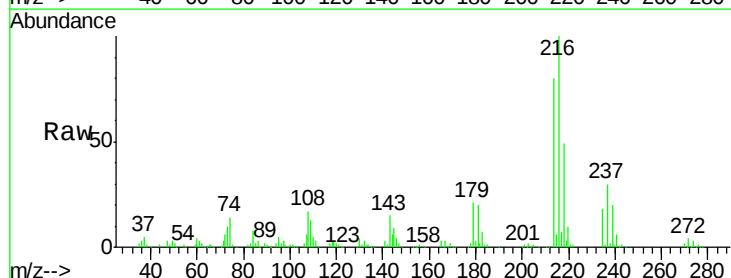
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.8

179 20.9 17.3 25.9

108 19.0 15.3 22.9

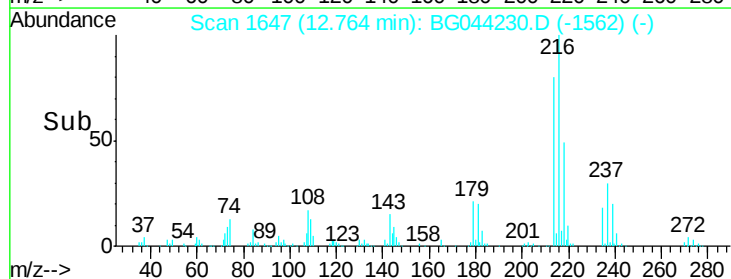
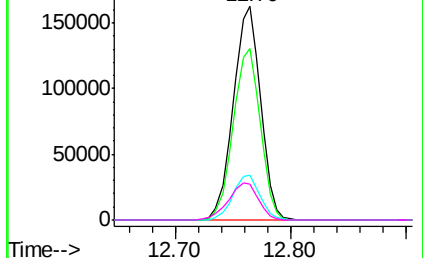


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.867 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampled :

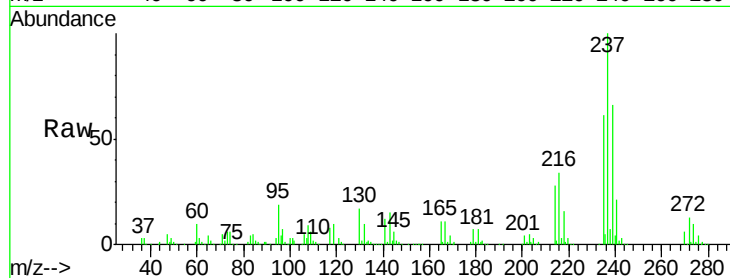
Tot Ion:237 Resp: 291122

Ion Ratio Lower Upper

237 100

235 61.1 41.1 81.1

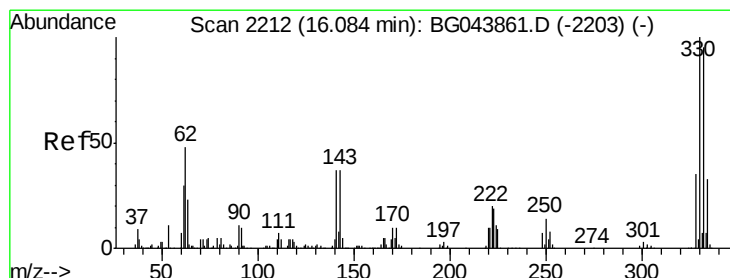
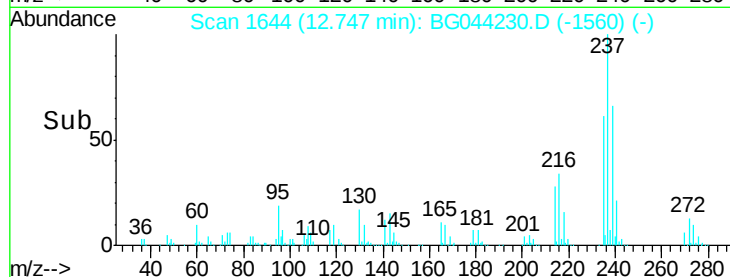
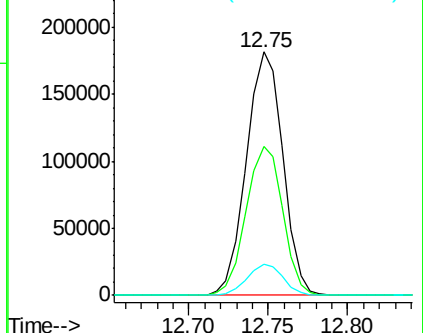
272 13.0 0.0 31.7



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: 122.189 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

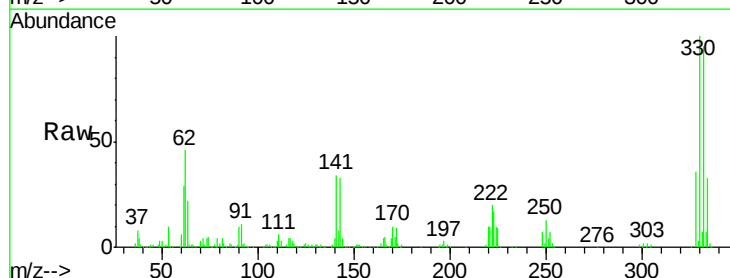
Tgt Ion:330 Resp: 310620

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

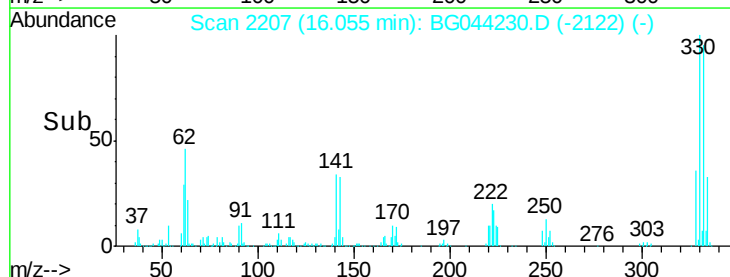
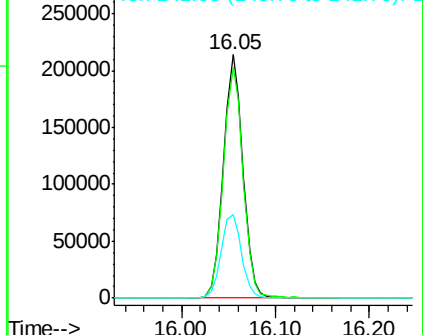
141 36.3 33.1 49.7

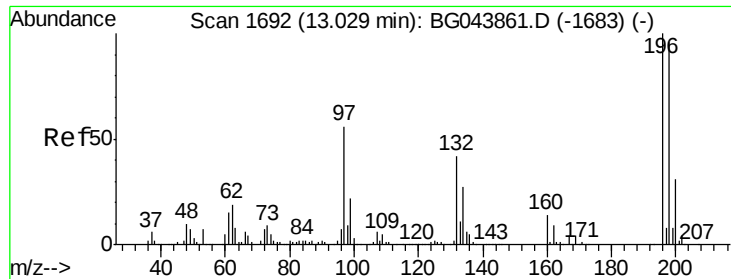


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

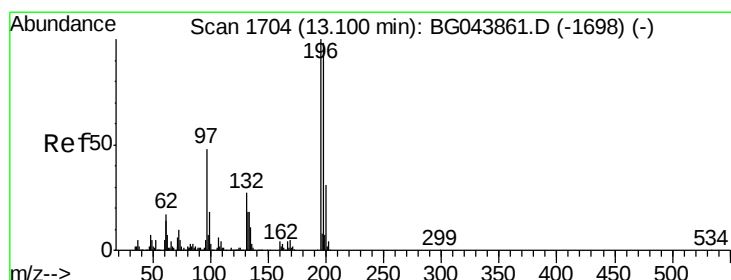
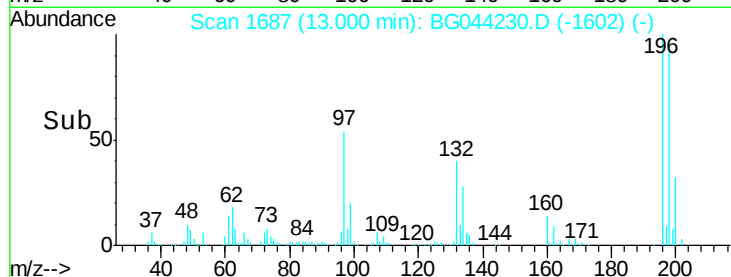
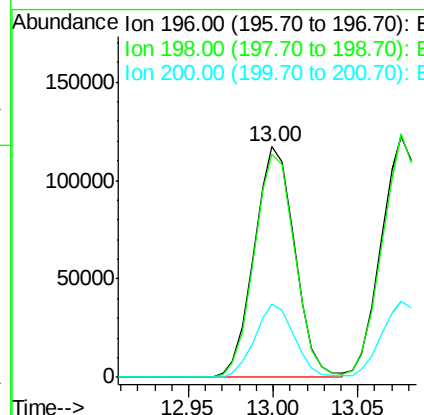
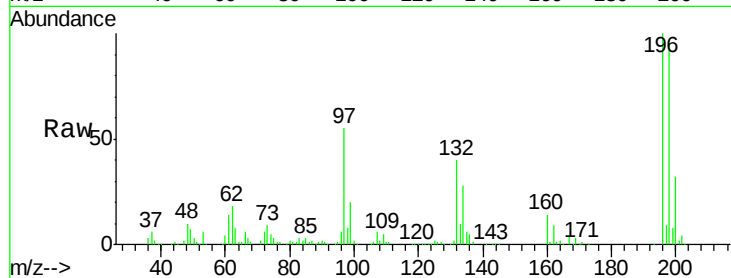




#43
 2,4,6-Trichlorophenol
 Concen: 39.929 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

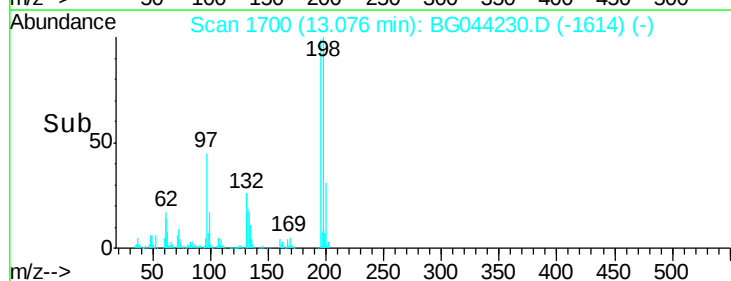
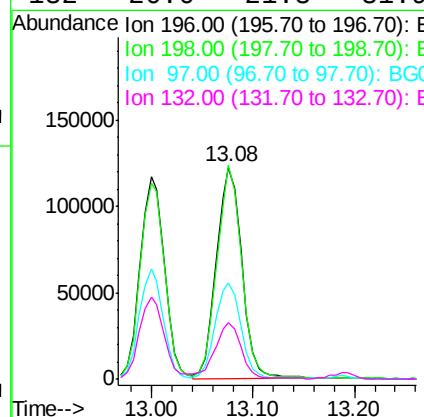
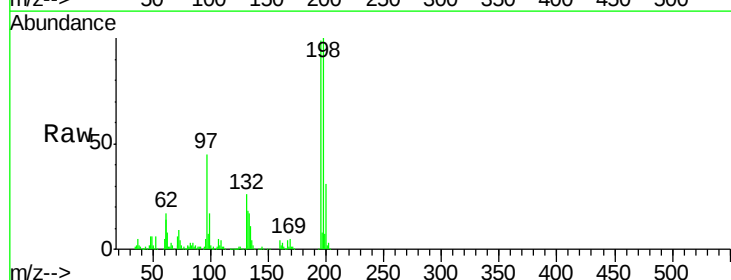
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 195620
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.6 115.0
 200 31.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.168 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

Tgt Ion:196 Resp: 213072
 Ion Ratio Lower Upper
 196 100
 198 101.0 78.3 117.5
 97 45.6 38.8 58.2
 132 26.6 21.3 31.9



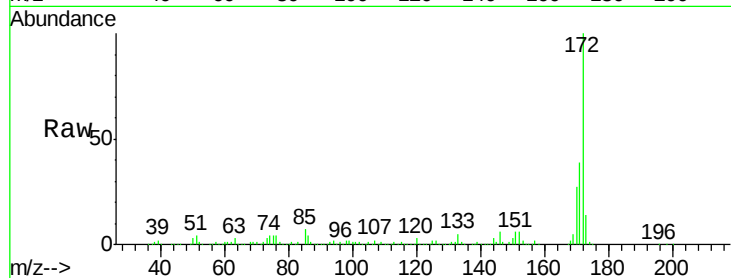


#45
 2-Fluorobiphenyl
 Concen: 81.006 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

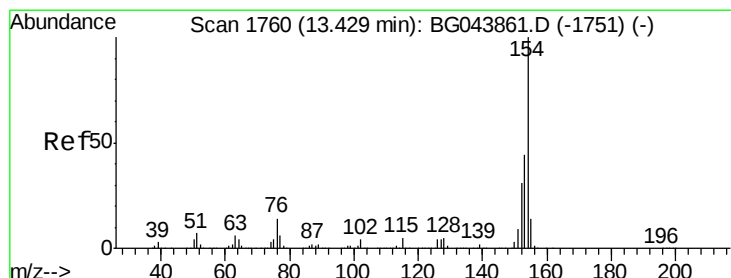
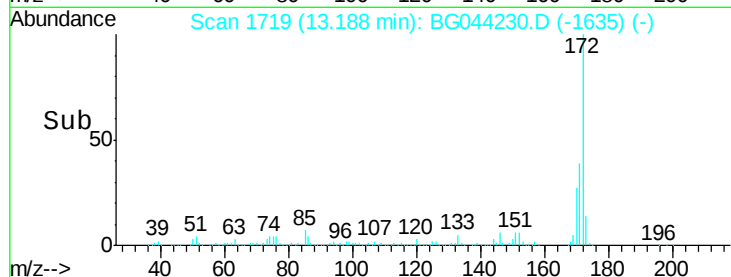
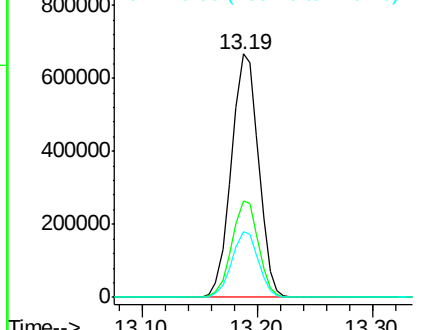
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1086125

Ion	Ratio	Lower	Upper
172	100		
171	39.3	35.8	53.8
170	26.8	24.2	36.4



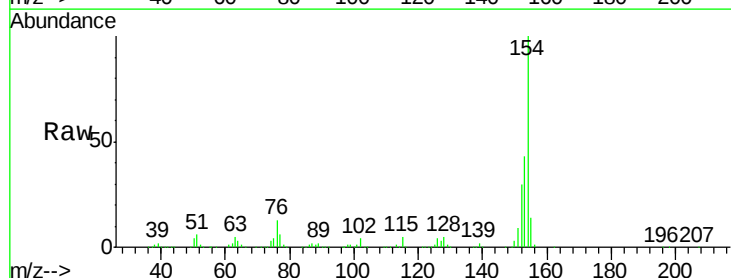
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



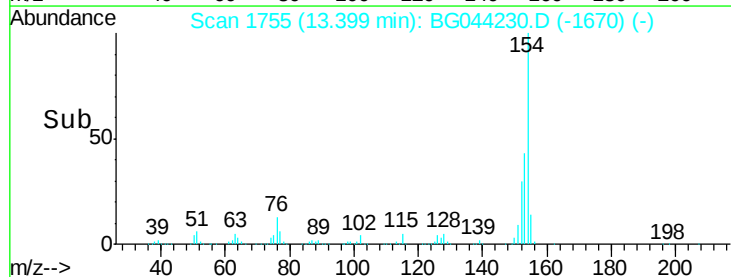
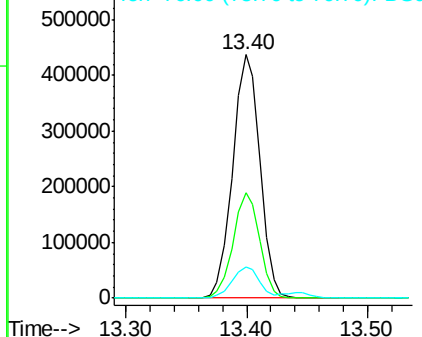
#46
 1,1'-Biphenyl
 Concen: 39.369 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.03 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

Tgt Ion:154 Resp: 685693

Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.6	63.6
76	12.7	0.0	34.4



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

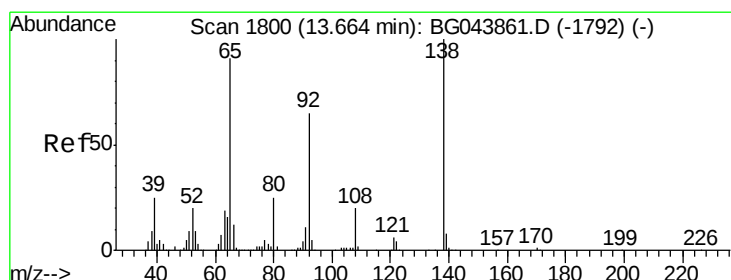
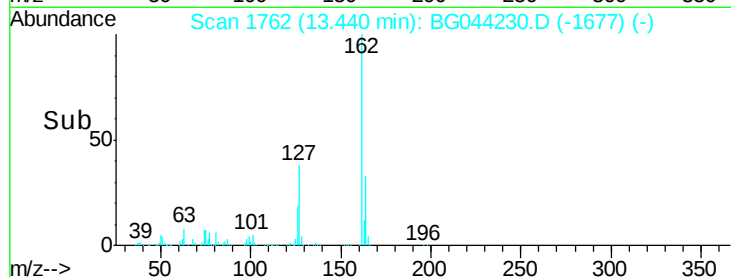
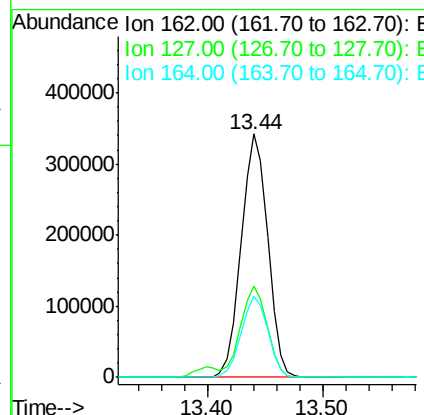
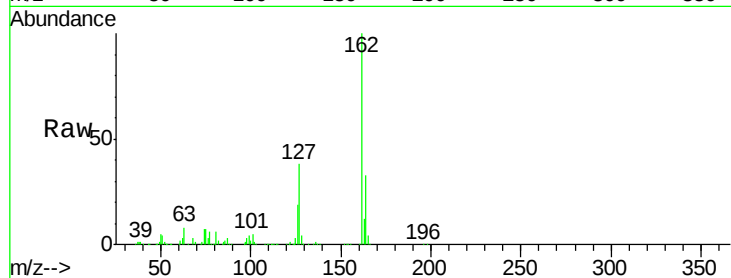




#47
 2-Chloronaphthalene
 Concen: 38.705 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

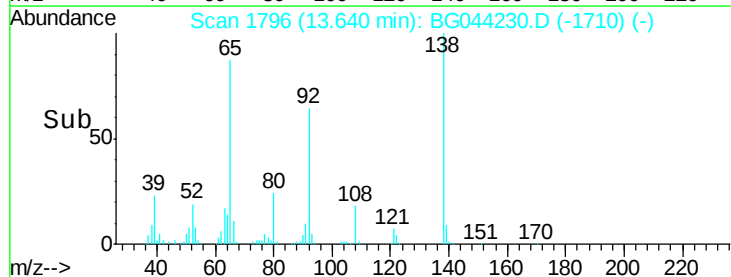
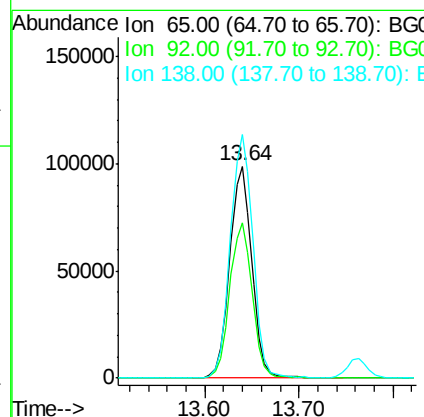
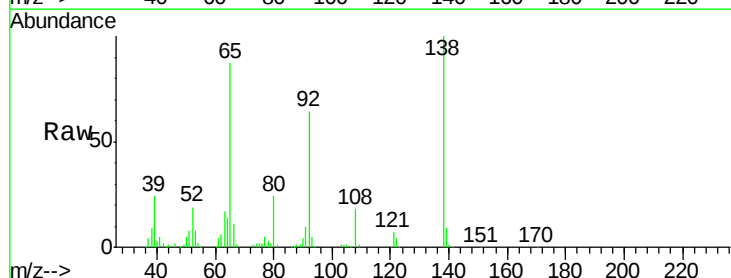
Instrument :
 BNA_G
 ClientSampleId :

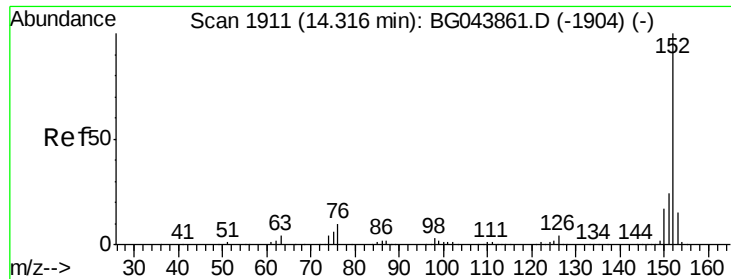
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	32.1	48.1
164	33.4	27.5	41.3



#48
 2-Nitroaniline
 Concen: 35.964 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.4	86.2
138	114.7	88.2	132.4





#49

Acenaphthylene

Concen: 42.580 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

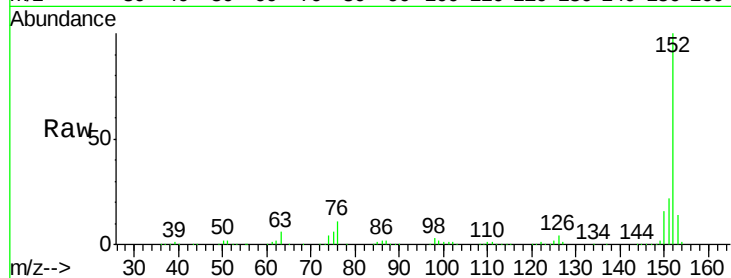
Tot Ion:152 Resp: 861337

Ion Ratio Lower Upper

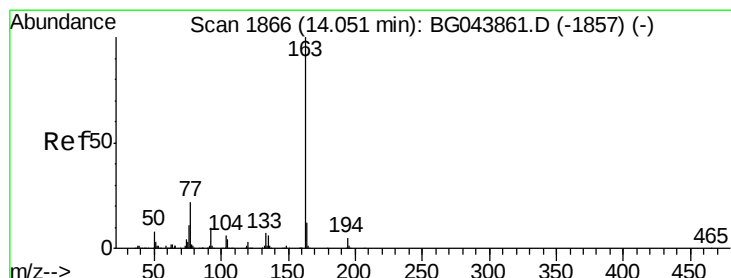
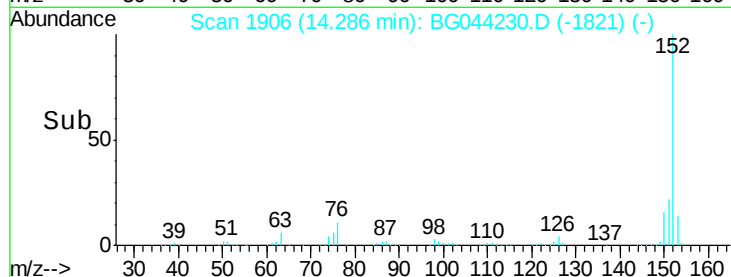
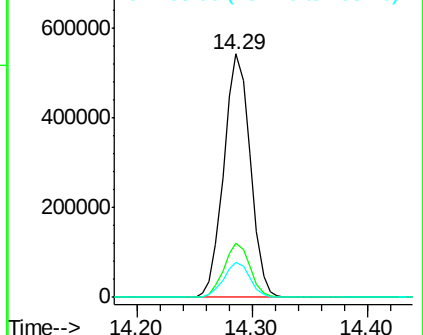
152 100

151 22.3 19.4 29.2

153 14.2 12.0 18.0



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



#50

Dimethylphthalate

Concen: 40.225 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

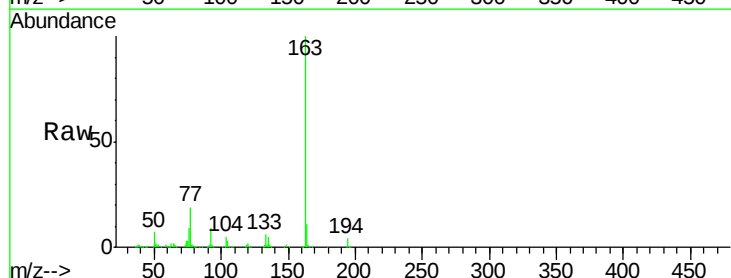
Tgt Ion:163 Resp: 693814

Ion Ratio Lower Upper

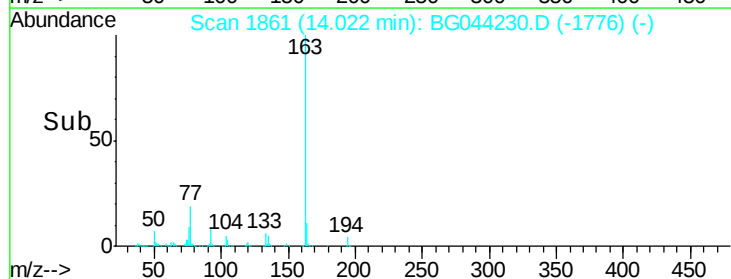
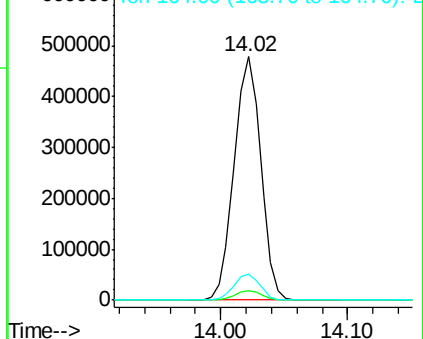
163 100

194 4.1 3.7 5.5

164 10.7 9.3 13.9



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

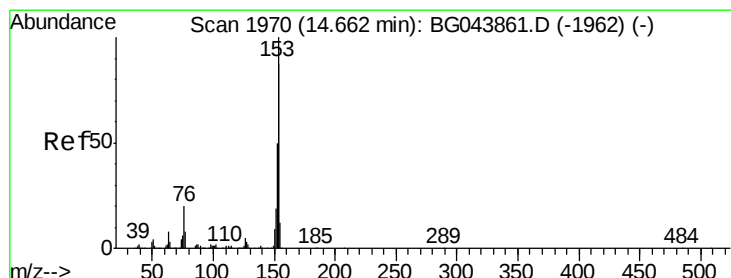
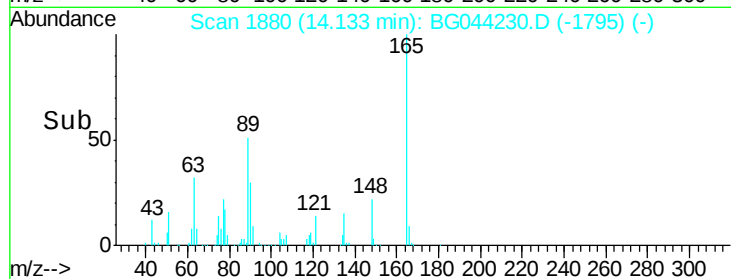
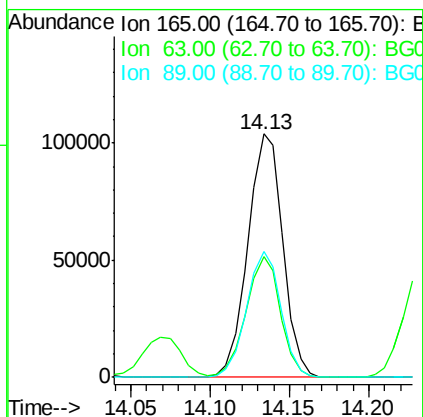
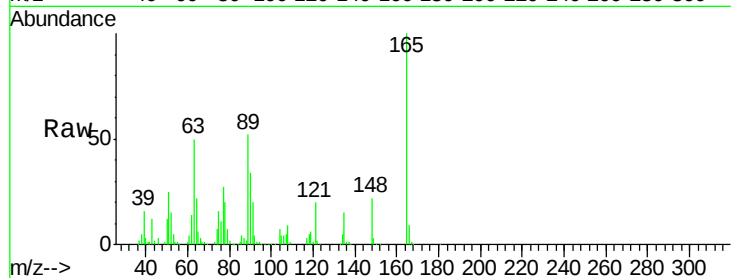




#51
 2,6-Dinitrotoluene
 Concen: 40.799 ng
 RT: 14.13 min Scan# 1880
 Delta R.T. -0.03 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

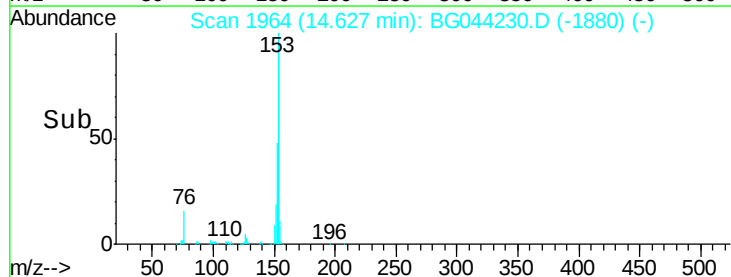
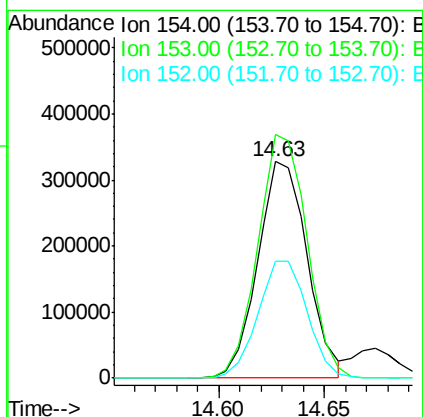
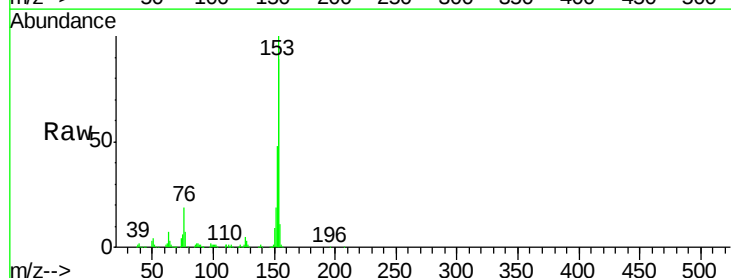
Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	43.1	64.7
89	51.7	43.8	65.6



#52
 Acenaphthene
 Concen: 37.544 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.04 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.6	137.4
152	54.1	45.4	68.0

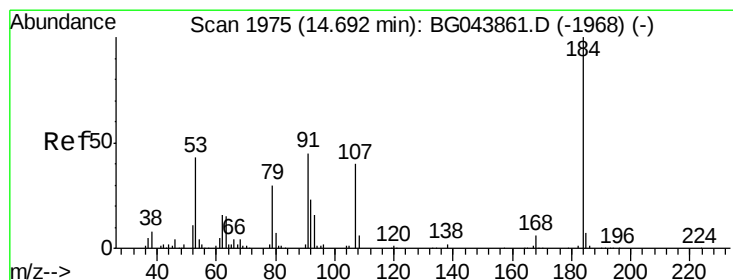
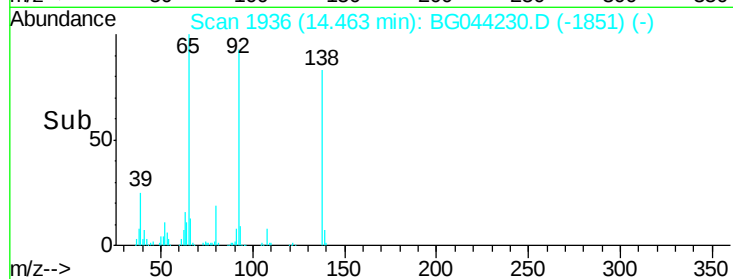
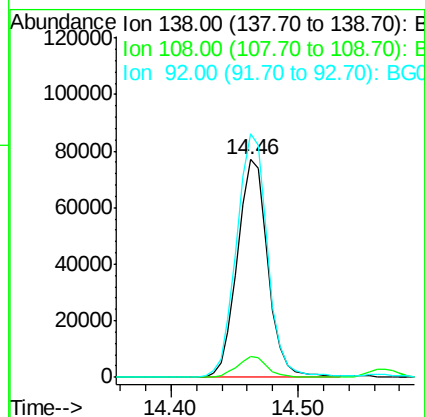
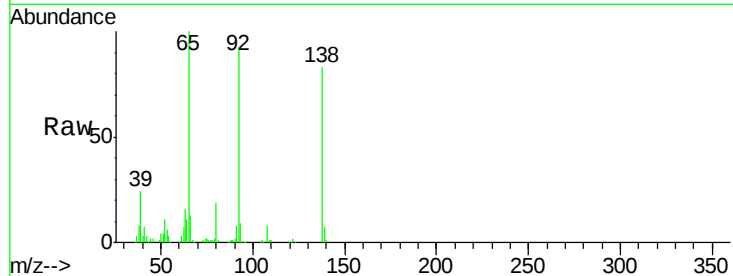




#53
 3-Nitroaniline
 Concen: 29.003 ng
 RT: 14.46 min Scan# 1936
 Delta R.T. -0.03 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

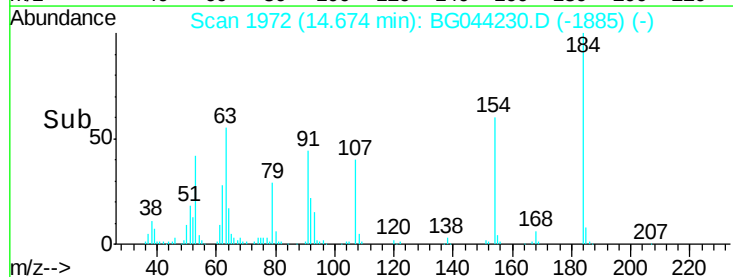
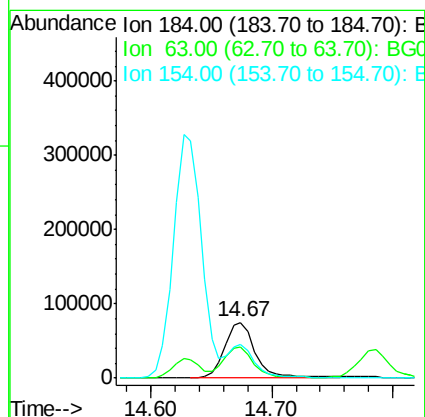
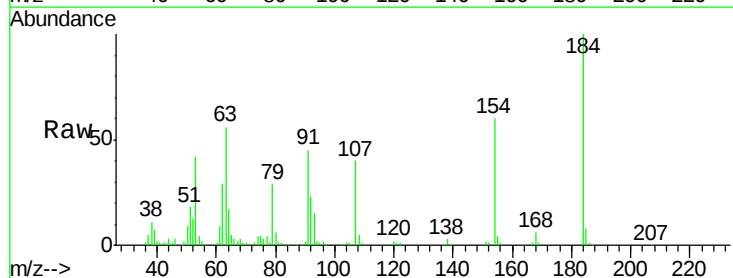
Instrument :
 BNA_G
 ClientSampled :

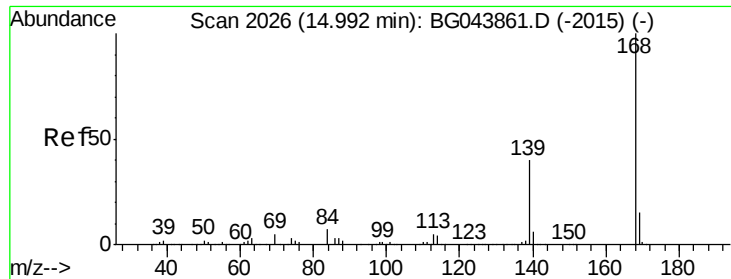
Tot Ion:138 Resp: 128399
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.4 11.2
 92 111.8 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 68.096 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.02 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

Tgt Ion:184 Resp: 133507
 Ion Ratio Lower Upper
 184 100
 63 56.4 46.6 70.0
 154 60.3 50.2 75.4

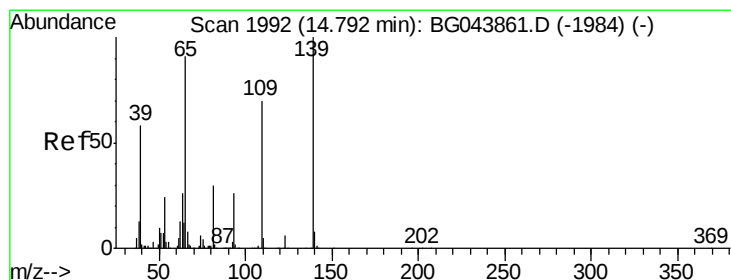
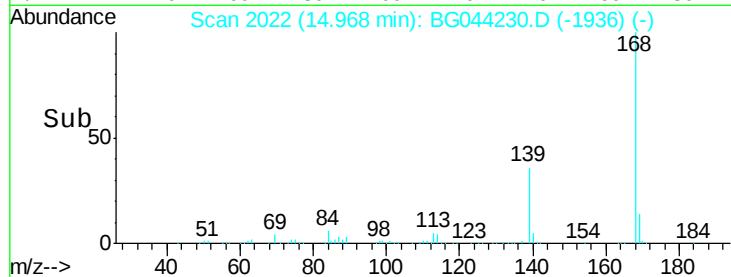
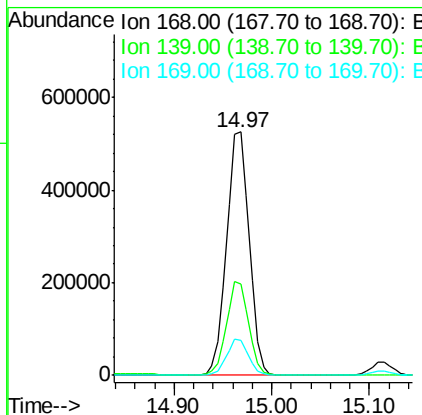
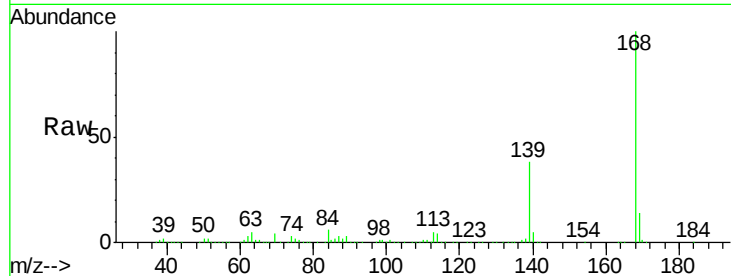




#55
Dibenzofuran
Concen: 43.171 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

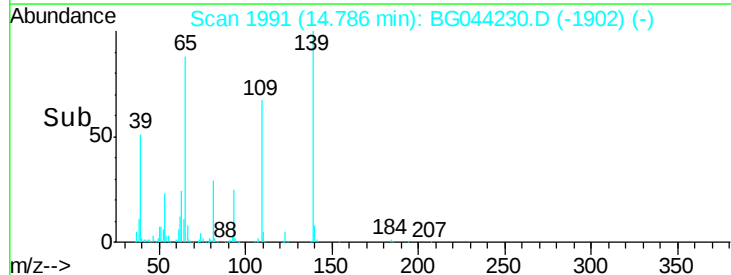
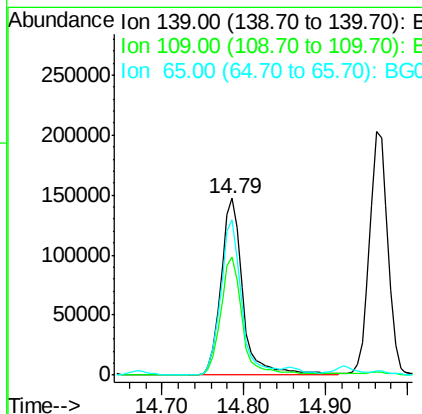
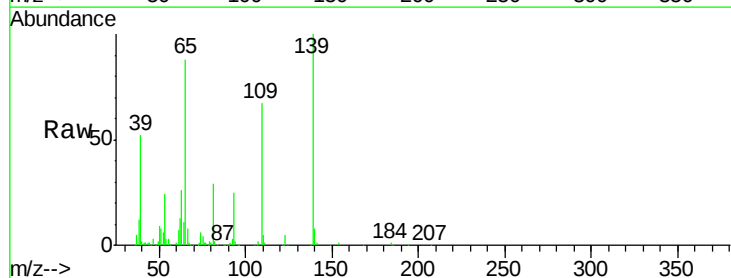
Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 843075
Ion Ratio Lower Upper
168 100
139 37.7 32.2 48.2
169 14.3 12.2 18.2



#56
4-Nitrophenol
Concen: 81.343 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion:139 Resp: 275958
Ion Ratio Lower Upper
139 100
109 67.2 50.4 90.4
65 88.2 71.4 111.4

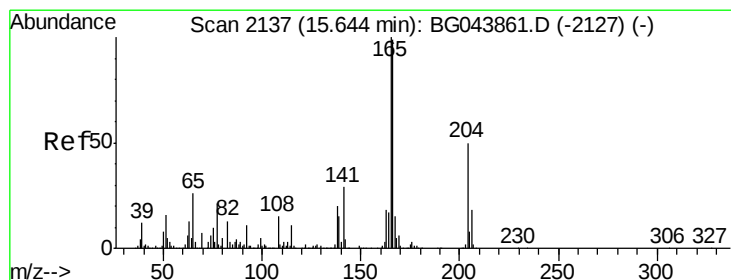
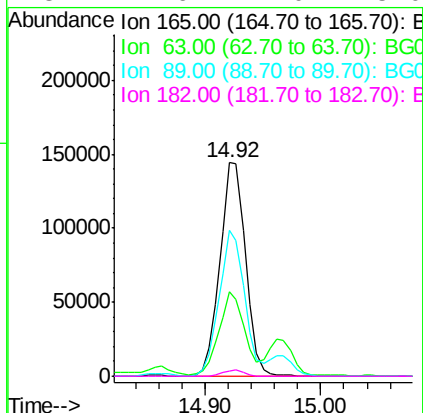
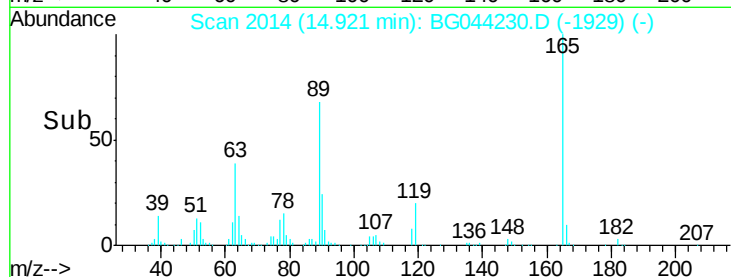
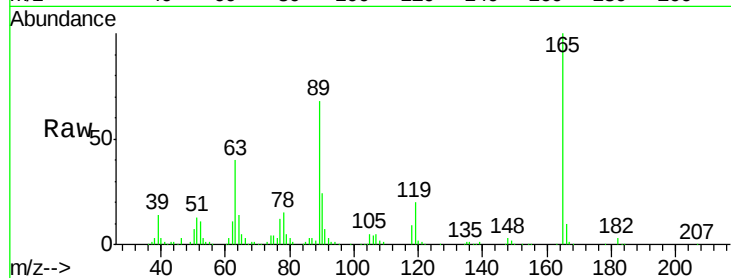




#57
2,4-Dinitrotoluene
Concen: 41.962 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.03 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

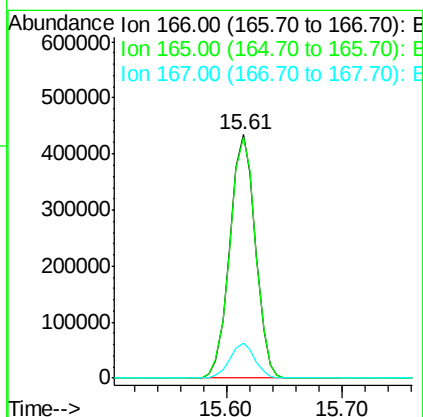
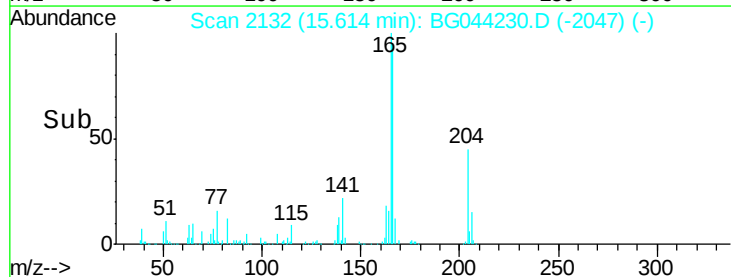
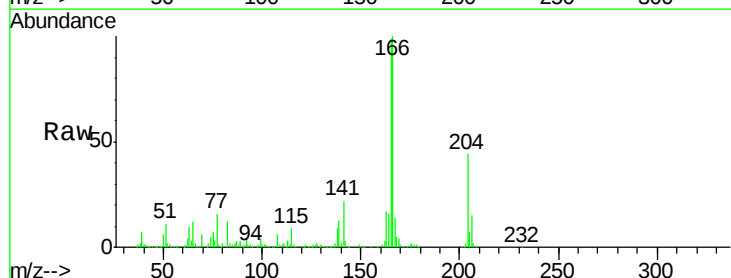
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.6	31.9	47.9
89	68.4	53.8	80.6
182	2.6	2.0	3.0



#58
Fluorene
Concen: 42.836 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.8	121.2
167	14.3	12.1	18.1

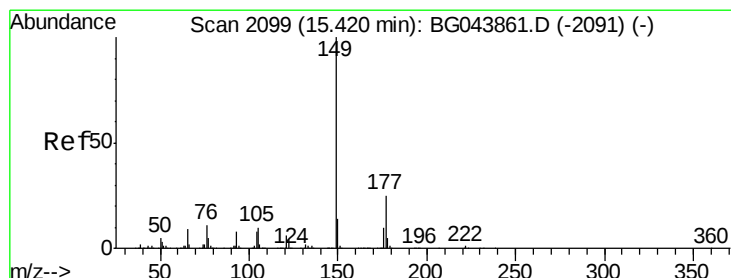
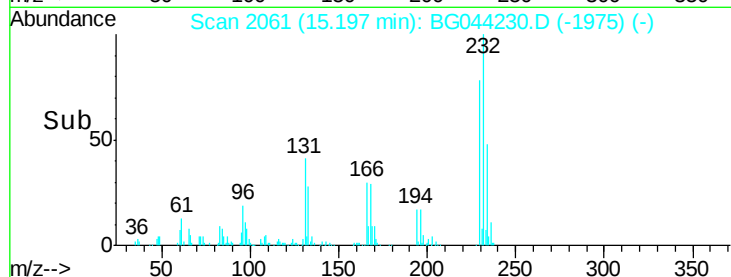
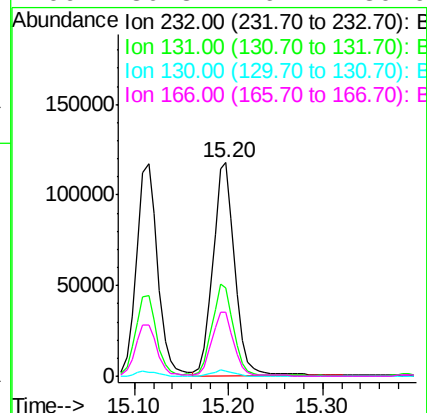
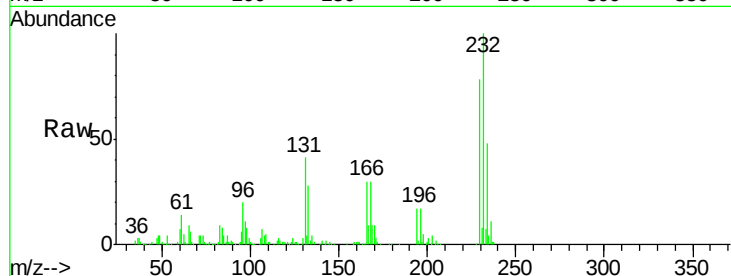




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.241 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

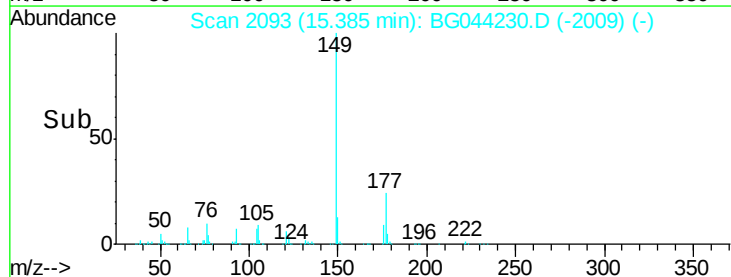
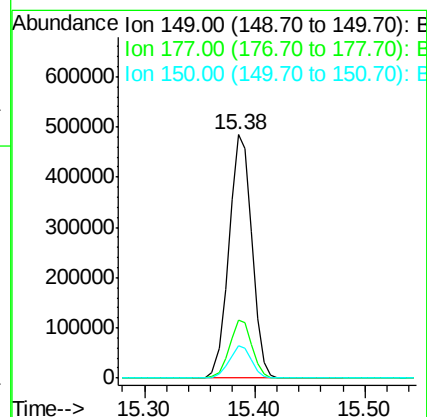
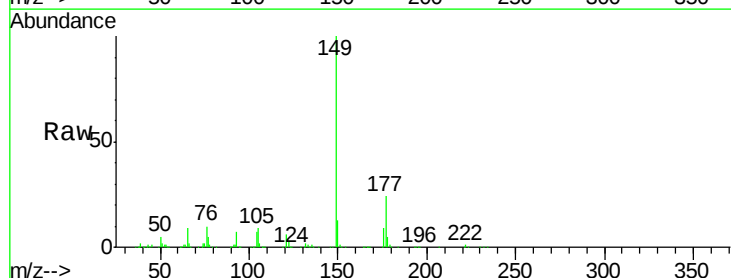
Instrument :
 BNA_G
 ClientSampleId :

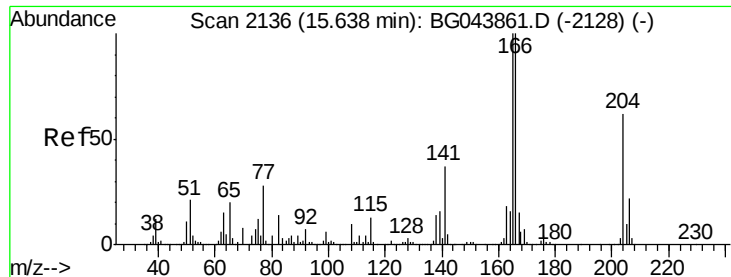
Tot Ion:232	Resp:	192223
Ion Ratio	Lower	Upper
232 100		
131 41.2	38.2	57.2
130 2.6	2.2	3.2
166 30.3	26.4	39.6



#60
 Diethylphthalate
 Concen: 40.829 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.04 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

Tgt Ion:149	Resp: 704380
Ion Ratio	Lower Upper
149 100	
177 23.7	20.0 30.0
150 13.1	11.1 16.7

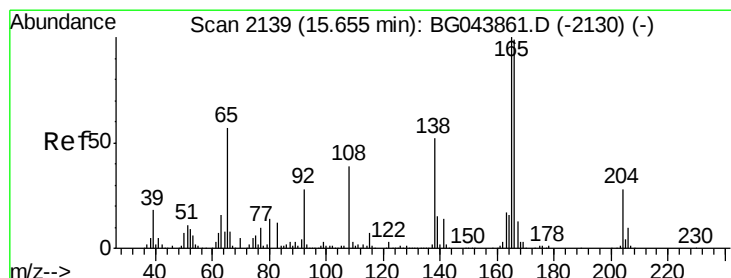
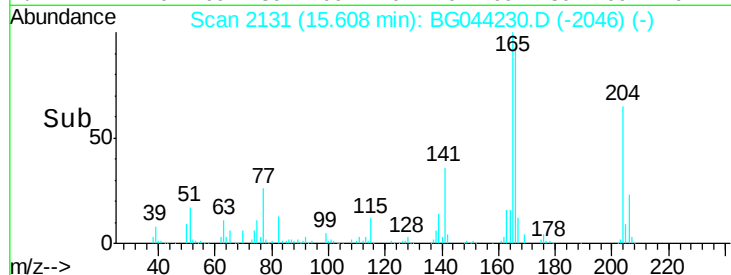
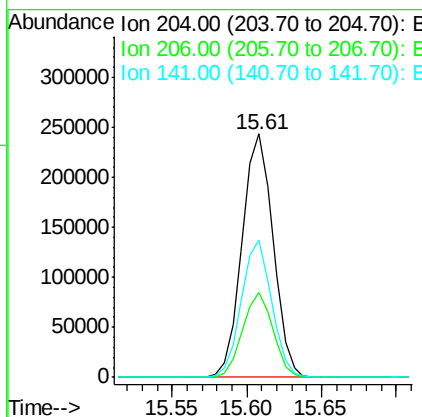
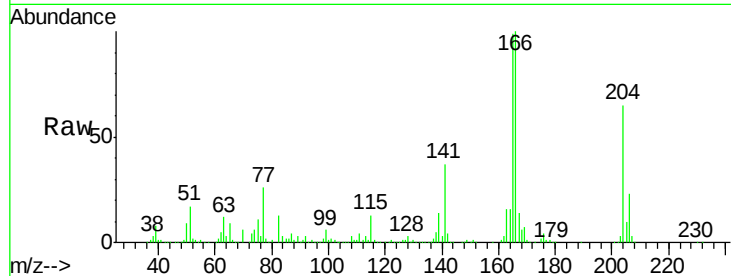




#61
 4-Chlorophenyl-phenylether
 Concen: 41.682 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

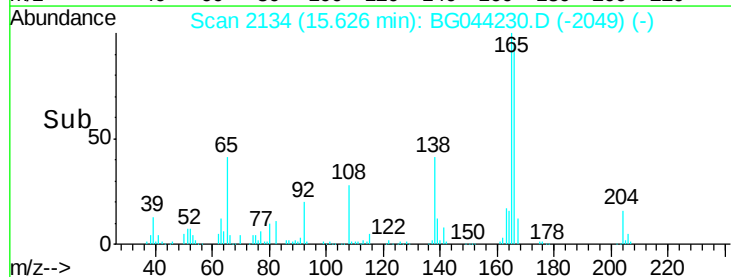
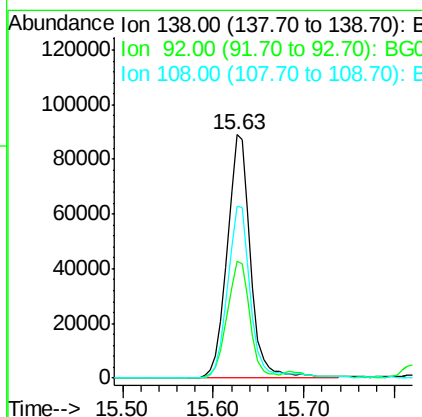
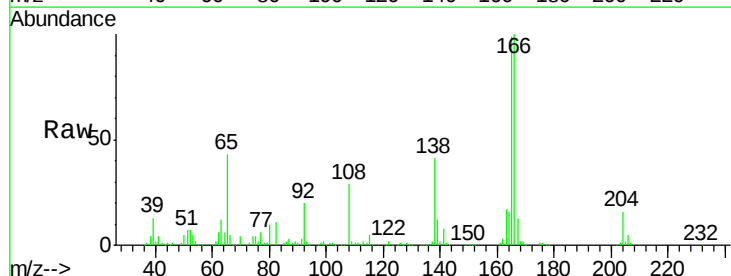
Instrument :
 BNA_G
 ClientSampleId :

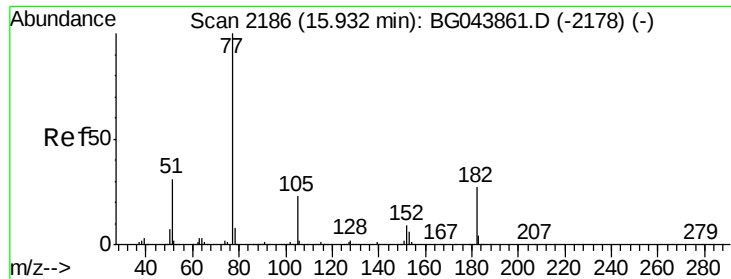
Tot Ion:204 Resp: 350332
 Ion Ratio Lower Upper
 204 100
 206 34.7 28.2 42.2
 141 56.3 48.2 72.2



#62
 4-Nitroaniline
 Concen: 36.521 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

Tgt Ion:138 Resp: 159665
 Ion Ratio Lower Upper
 138 100
 92 48.1 34.3 74.3
 108 70.5 55.0 95.0

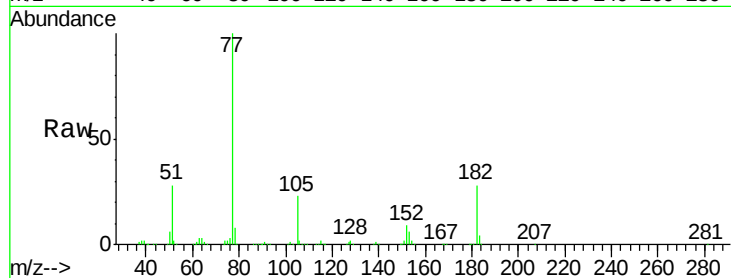




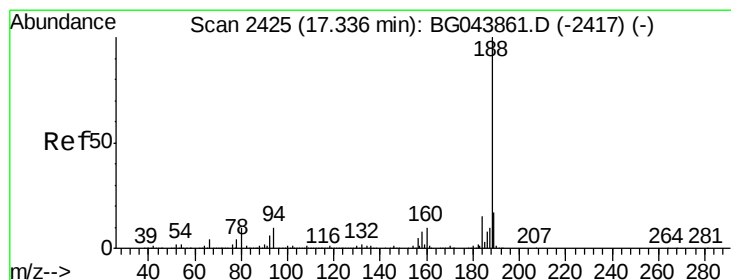
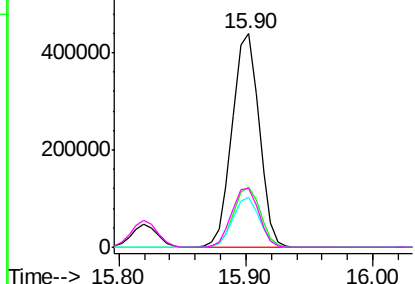
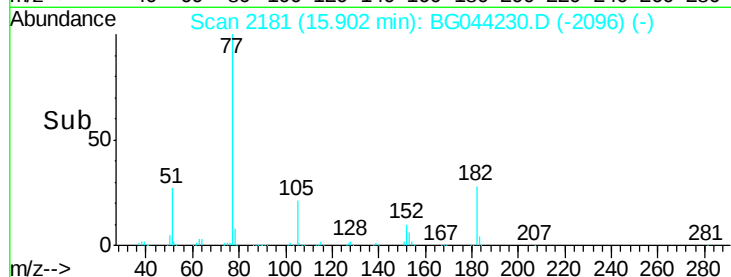
#63
Azobenzene
Concen: 40.362 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 645766
Ion Ratio Lower Upper
77 100
182 28.1 7.3 47.3
105 23.2 3.2 43.2
51 27.6 10.6 50.6

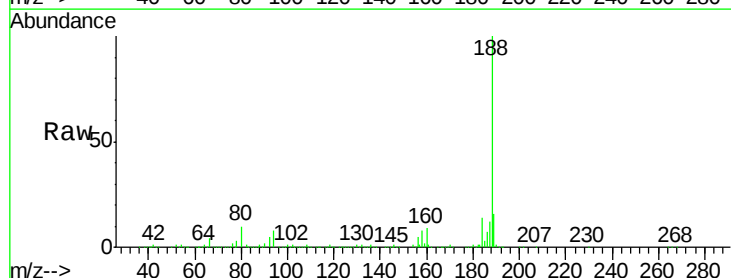


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

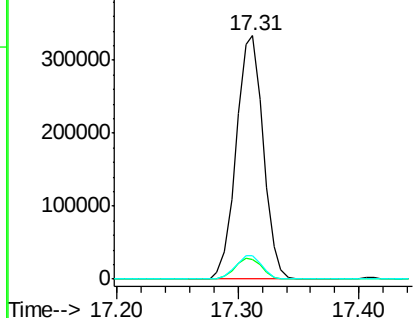
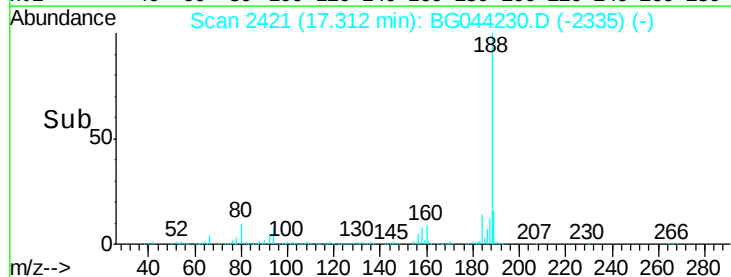


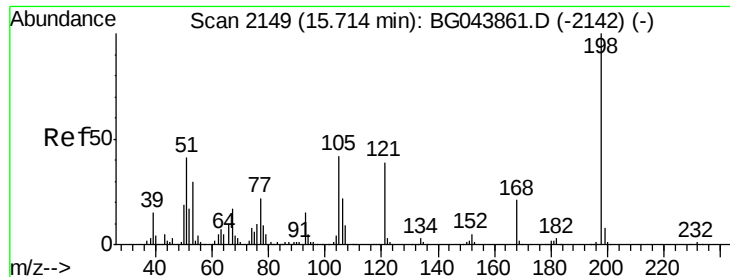
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion: 188 Resp: 521383
Ion Ratio Lower Upper
188 100
94 8.2 7.9 11.9
80 9.5 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

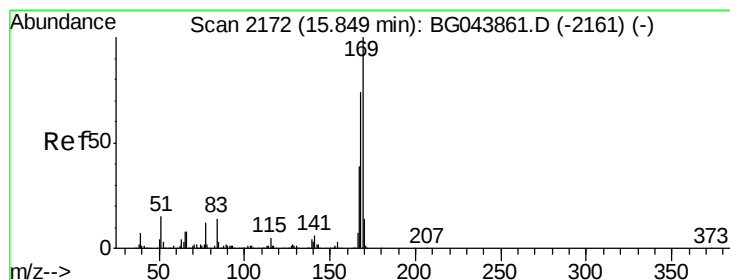
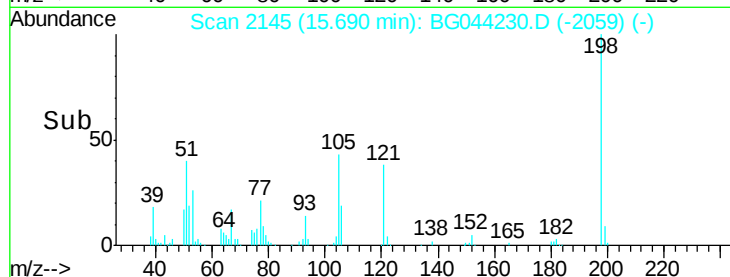
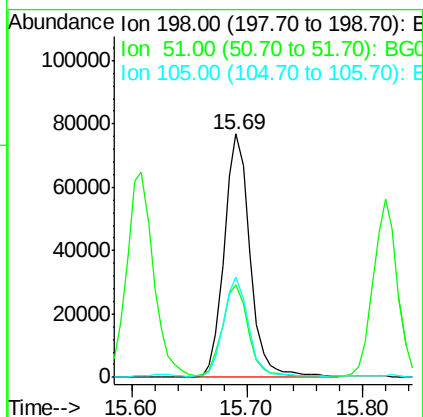
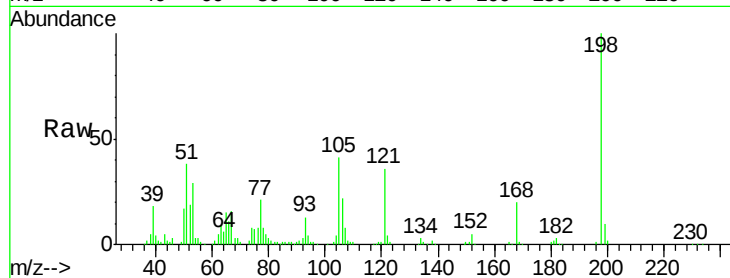




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.780 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

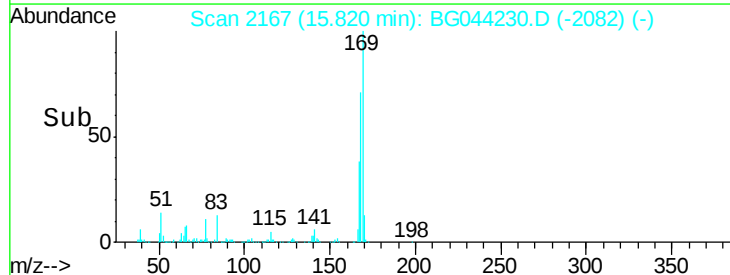
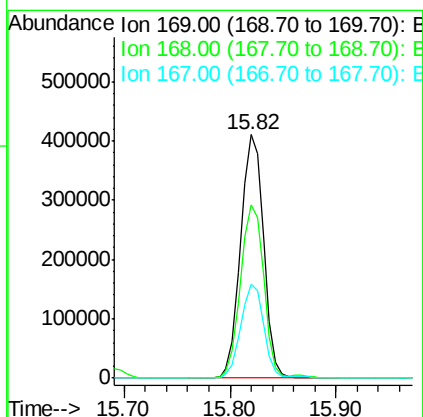
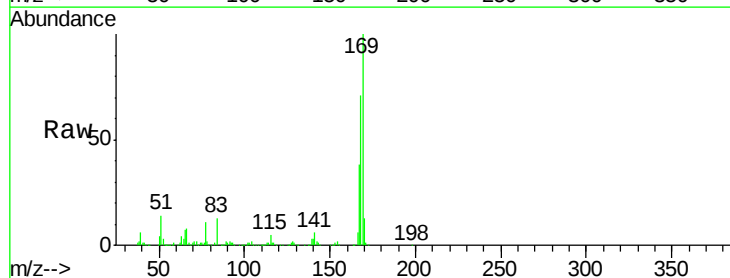
Instrument :
 BNA_G
 ClientSampleId :

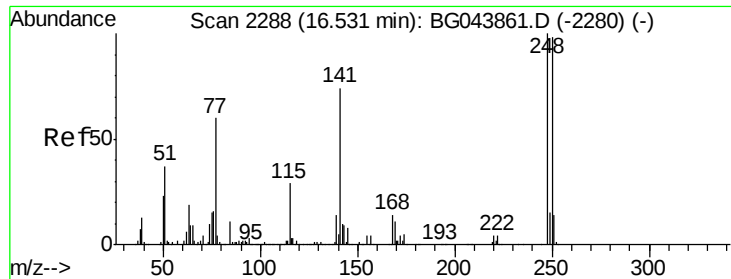
Tot Ion:198 Resp: 119422
 Ion Ratio Lower Upper
 198 100
 51 38.1 22.5 62.5
 105 41.0 22.3 62.3



#66
 n-Nitrosodiphenylamine
 Concen: 40.096 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

Tgt Ion:169 Resp: 615639
 Ion Ratio Lower Upper
 169 100
 168 71.3 59.0 88.6
 167 38.4 31.4 47.0

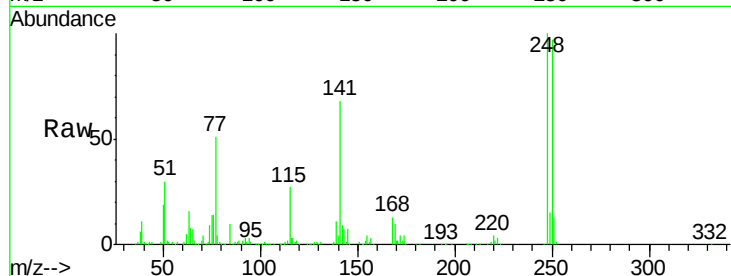




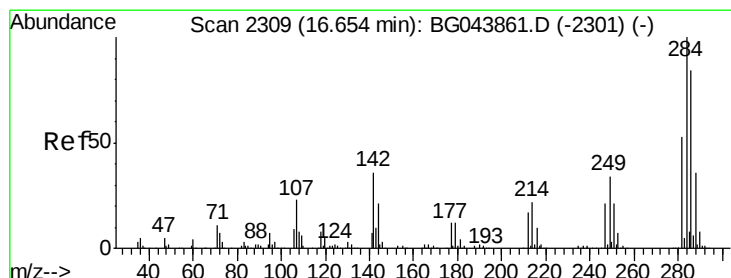
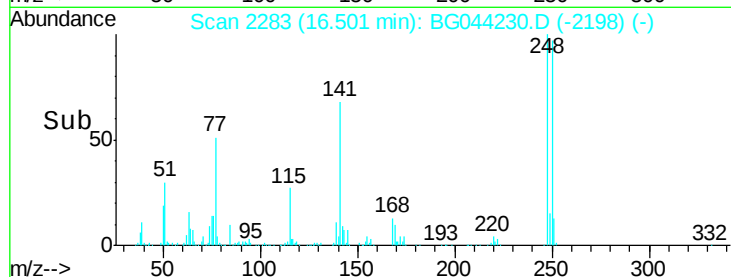
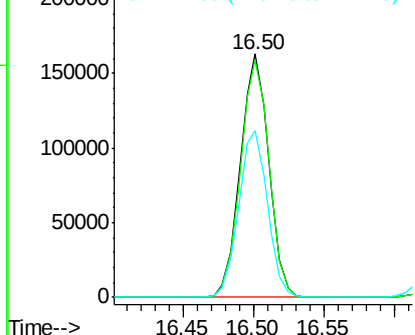
#67
4-Bromophenyl-phenylether
Concen: 38.955 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 228428
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.2
141 68.4 59.3 88.9

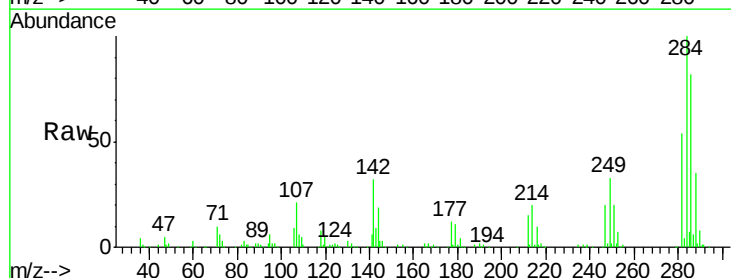


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

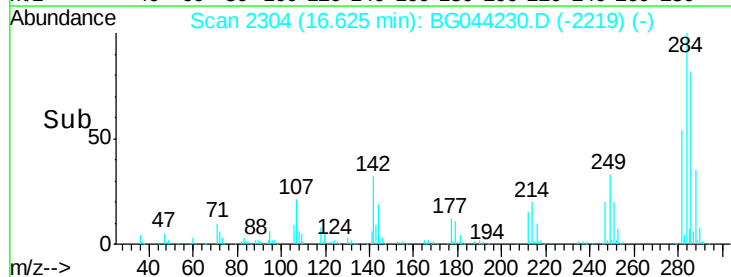
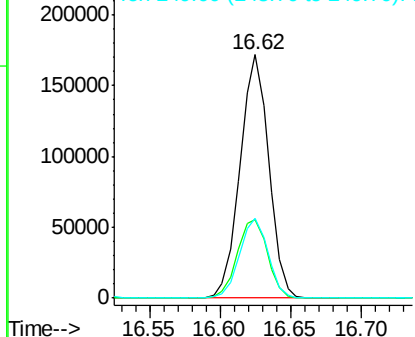


#68
Hexachlorobenzene
Concen: 38.729 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion:284 Resp: 244716
Ion Ratio Lower Upper
284 100
142 32.1 28.6 43.0
249 32.7 27.0 40.6



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





#69

Atrazine

Concen: 45.619 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

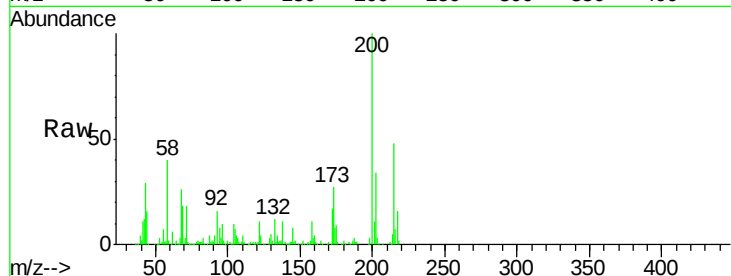
Tot Ion:200 Resp: 227680

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

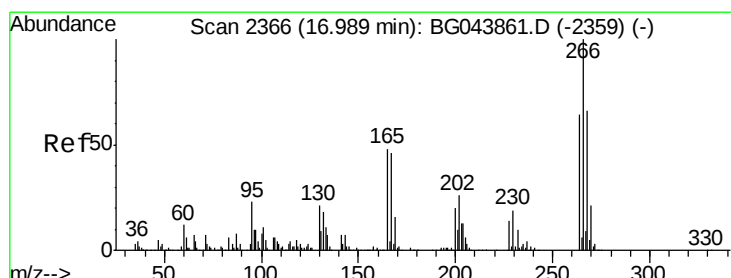
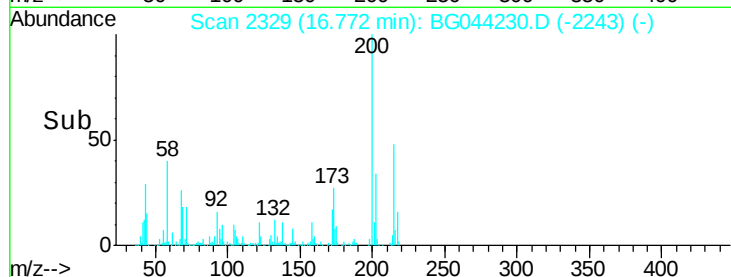
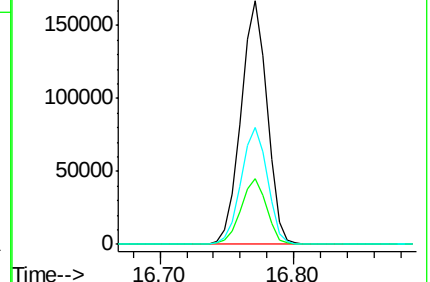
215 48.0 28.6 68.6



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: 72.260 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

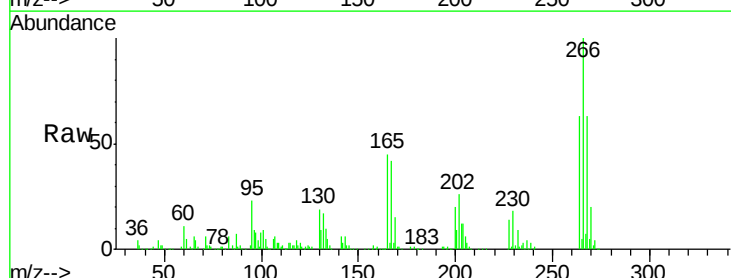
Tgt Ion:266 Resp: 251690

Ion Ratio Lower Upper

266 100

268 62.9 52.6 79.0

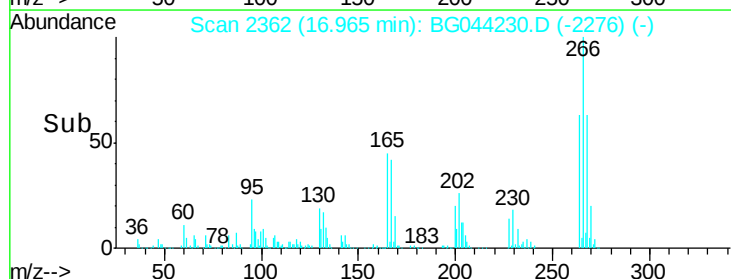
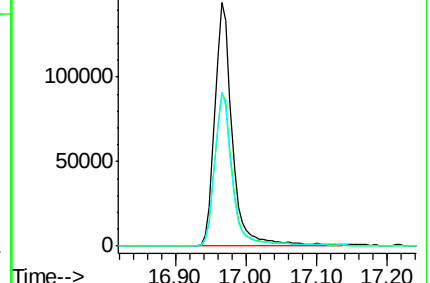
264 63.3 50.8 76.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

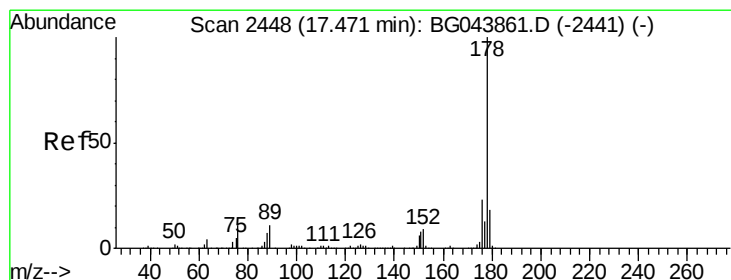
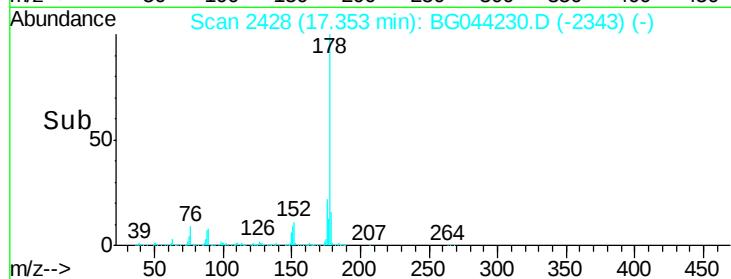
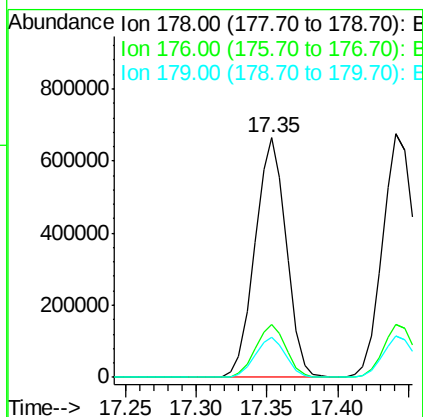
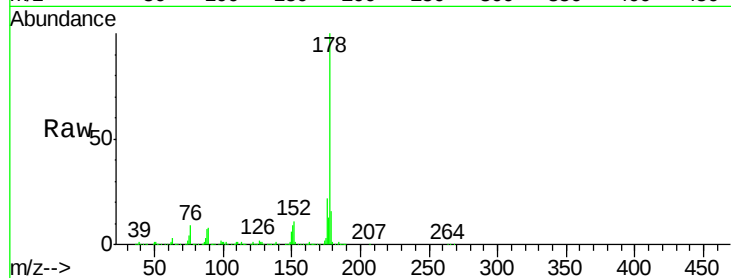




#71
Phenanthrene
Concen: 41.357 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

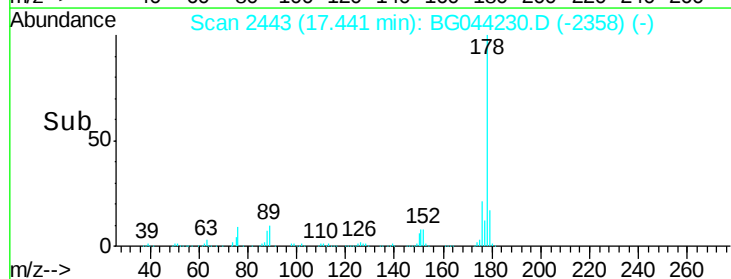
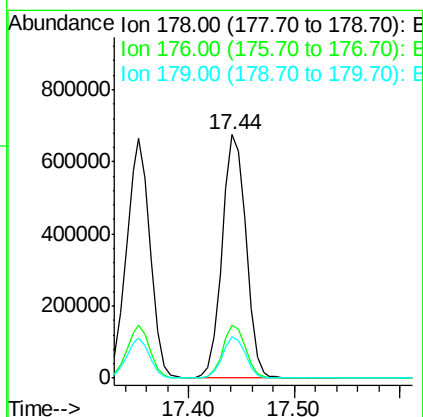
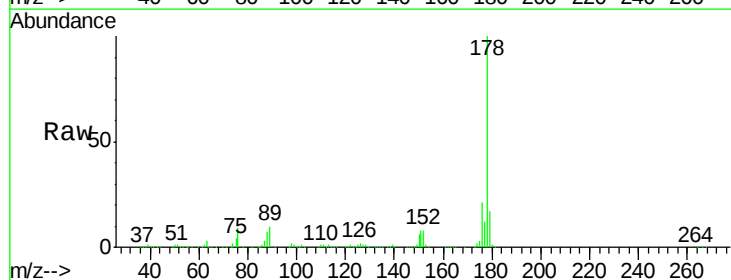
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1034255
Ion Ratio Lower Upper
178 100
176 21.9 18.6 28.0
179 16.5 14.4 21.6



#72
Anthracene
Concen: 42.680 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion:178 Resp: 1054834
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 16.9 14.6 22.0





#73

Carbazole

Concen: 41.099 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

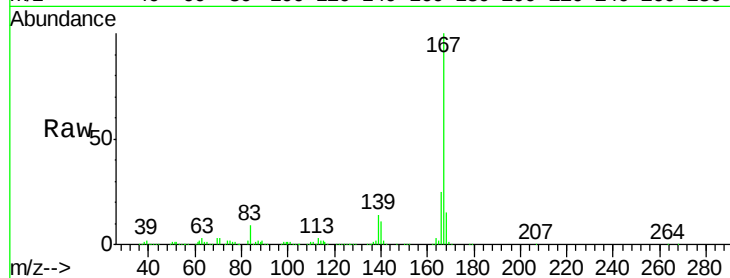
Tot Ion:167 Resp: 938284

Ion Ratio Lower Upper

167 100

166 25.2 21.6 32.4

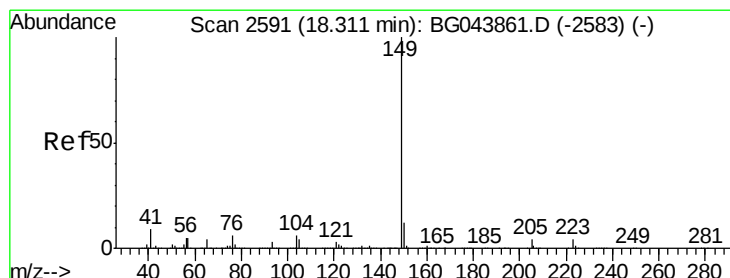
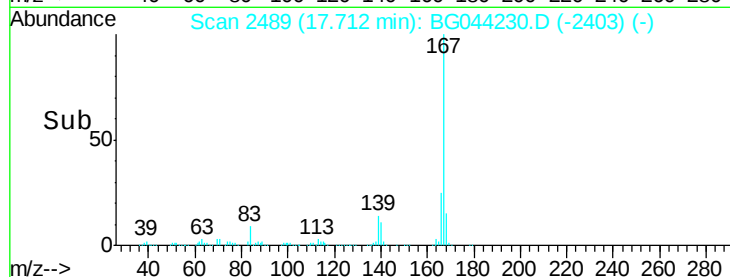
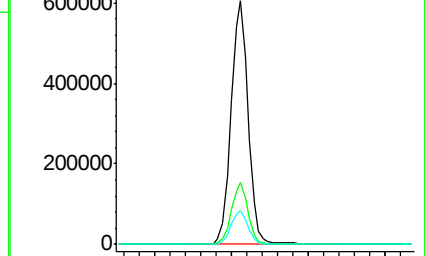
139 14.0 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.227 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.04 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

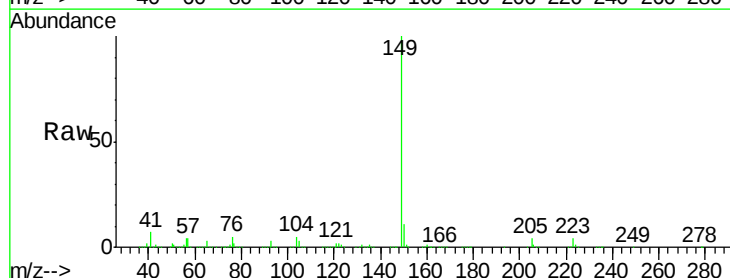
Tgt Ion:149 Resp: 1172540

Ion Ratio Lower Upper

149 100

150 11.0 9.7 14.5

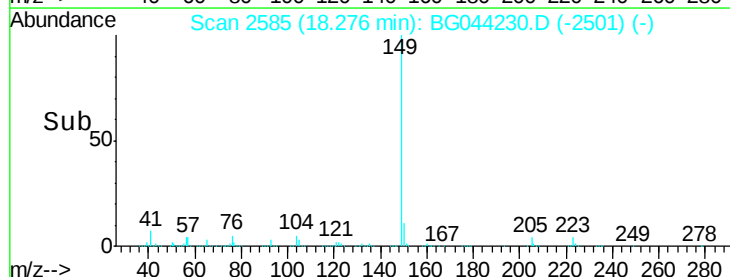
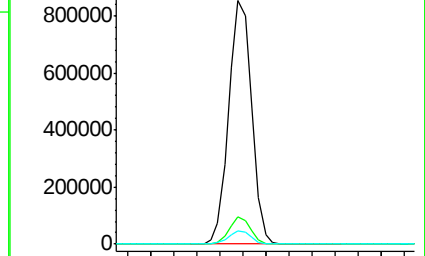
104 5.3 5.0 7.4

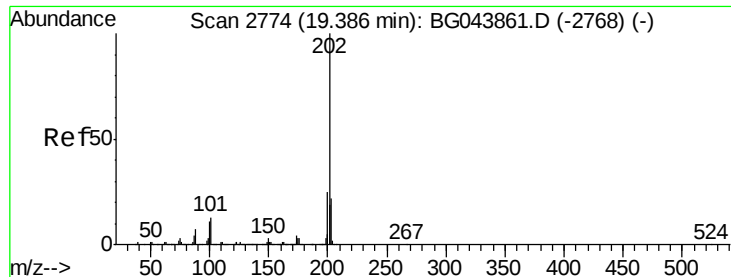


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.804 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

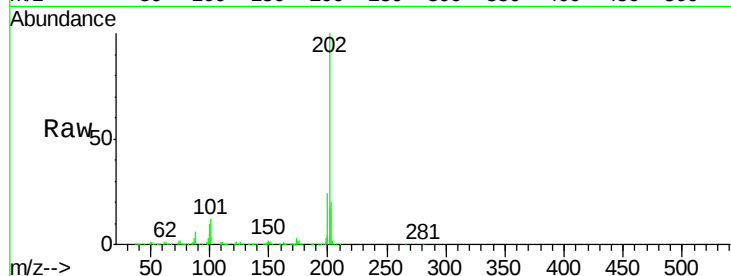
Tot Ion:202 Resp: 1195604

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.3

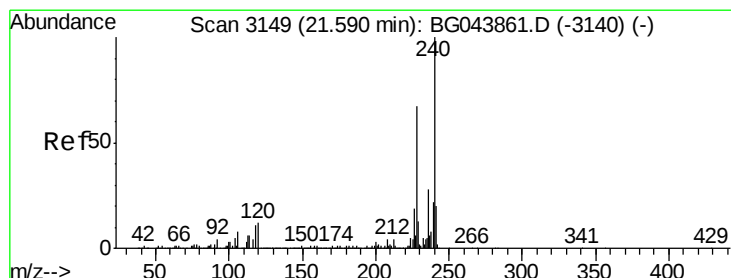
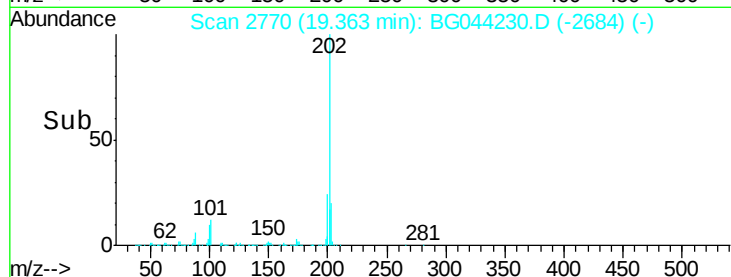
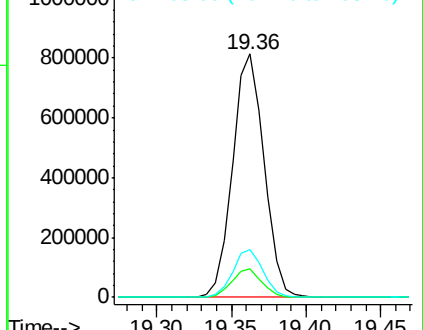
203 19.6 1.6 41.6



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: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

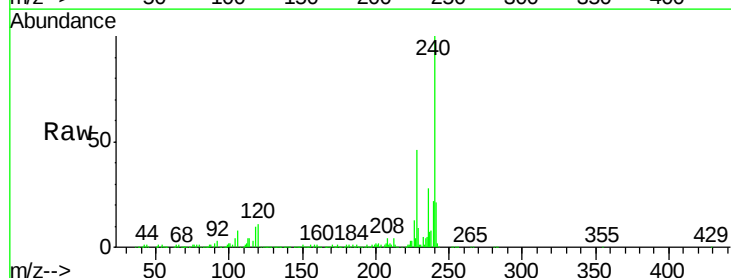
Tgt Ion:240 Resp: 454734

Ion Ratio Lower Upper

240 100

120 10.6 9.6 14.4

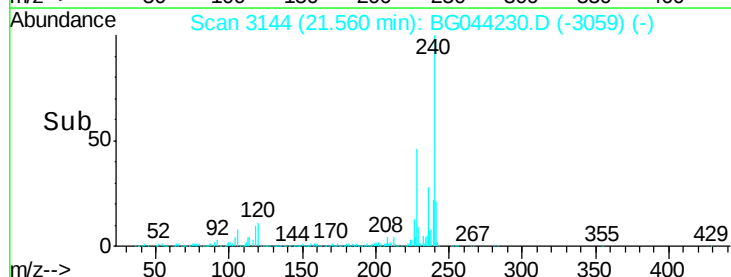
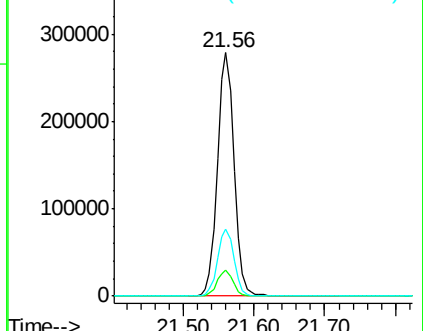
236 27.6 22.2 33.2



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: 30.798 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

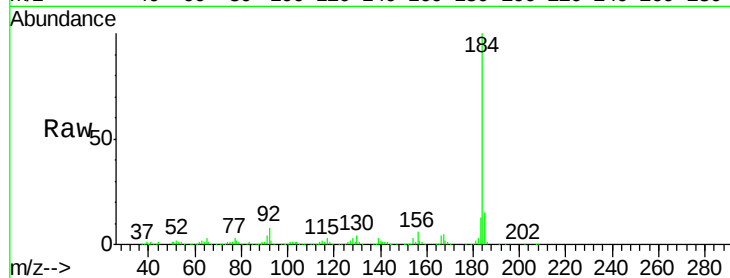
Tot Ion:184 Resp: 352023

Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.4	20.0
183	13.1	10.6	15.8

184 100

185 15.4 13.4 20.0

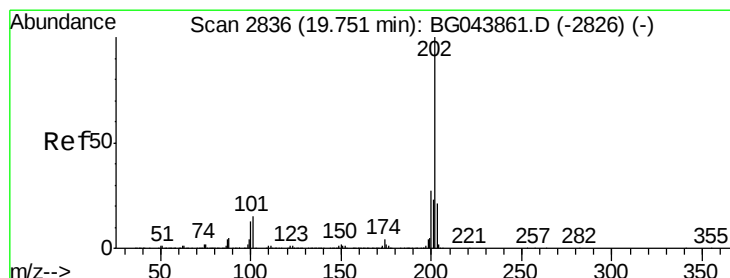
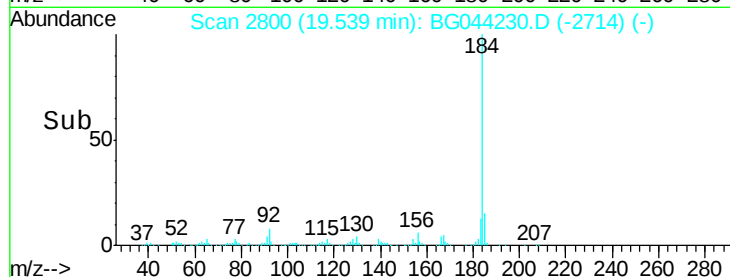
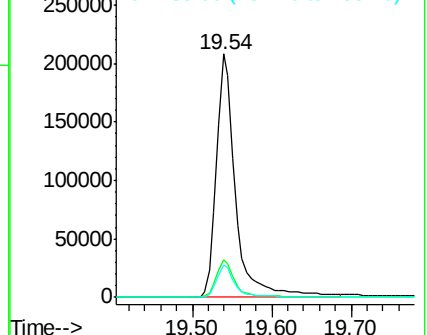
183 13.1 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.584 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

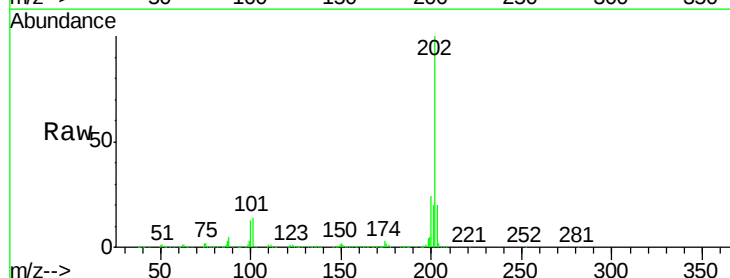
Tgt Ion:202 Resp: 1204621

Ion	Ratio	Lower	Upper
202	100		
200	24.3	21.7	32.5
203	20.1	17.0	25.6

202 100

200 24.3 21.7 32.5

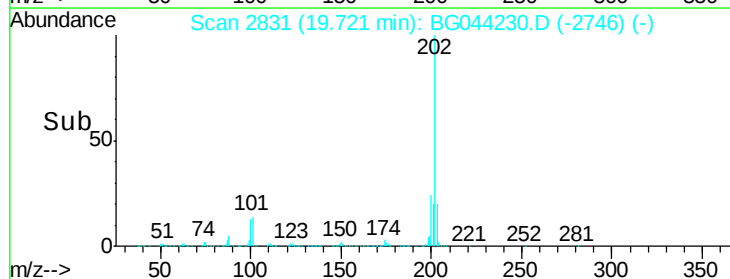
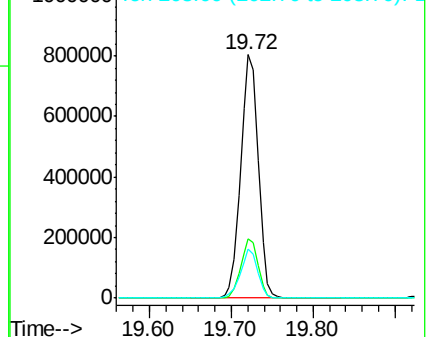
203 20.1 17.0 25.6

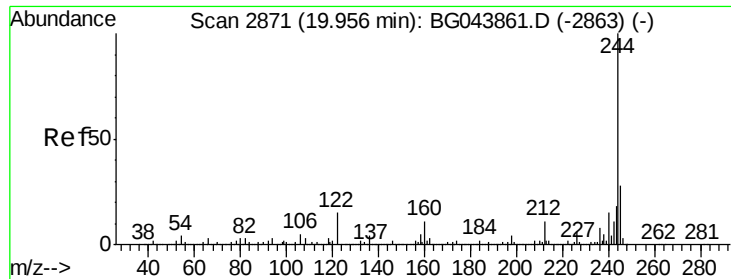


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.539 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampled :

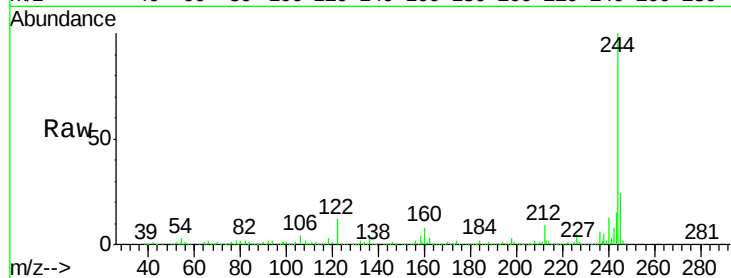
Tot Ion:244 Resp: 1610588

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

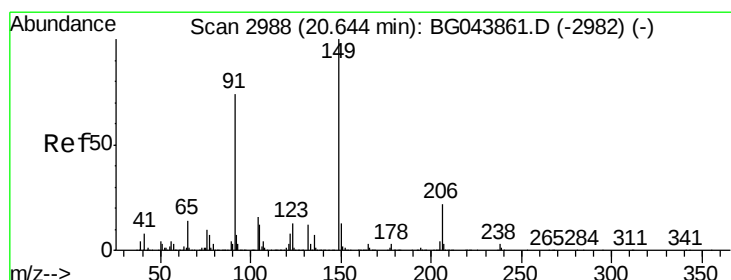
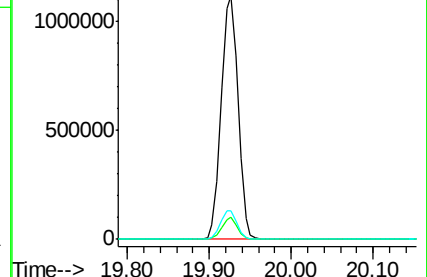
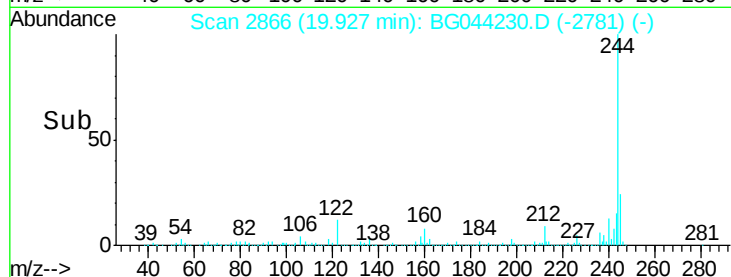
122 11.9 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.249 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

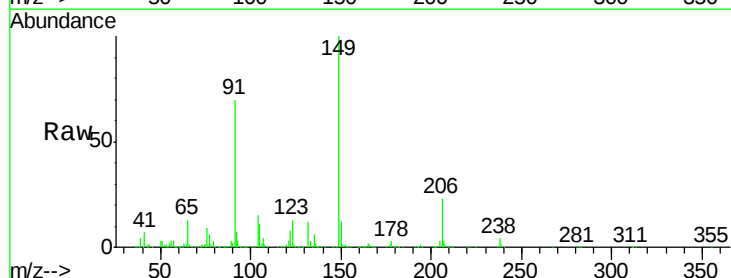
Tgt Ion:149 Resp: 540516

Ion Ratio Lower Upper

149 100

91 70.3 59.5 89.3

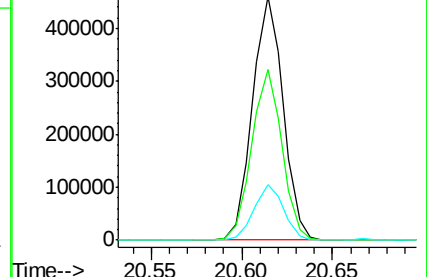
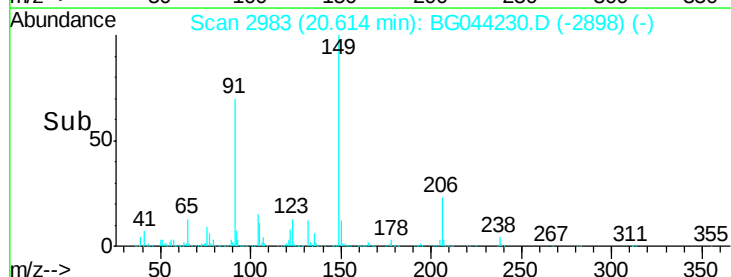
206 22.8 17.8 26.6

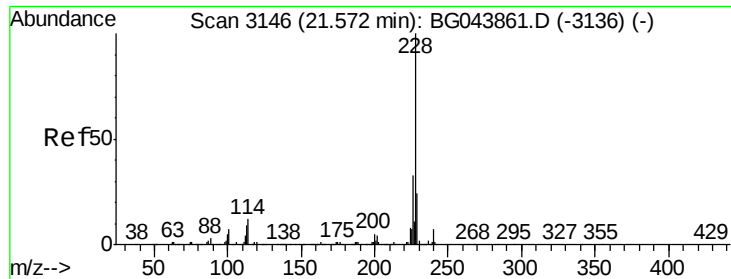


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.927 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampled :

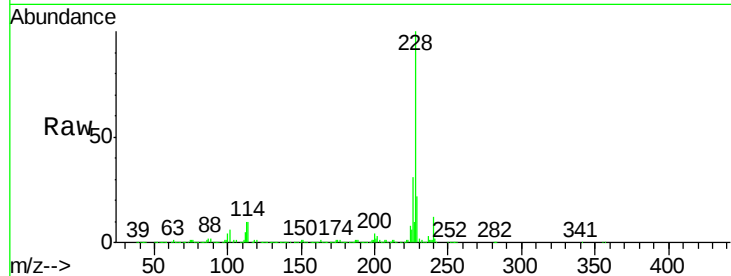
Tot Ion:228 Resp: 1153999

Ion Ratio Lower Upper

228 100

226 30.8 26.2 39.4

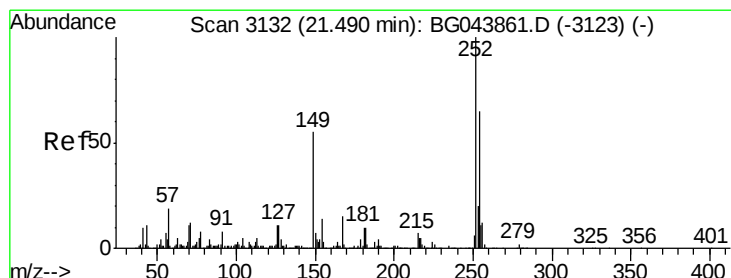
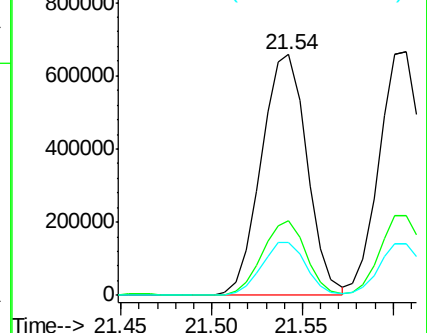
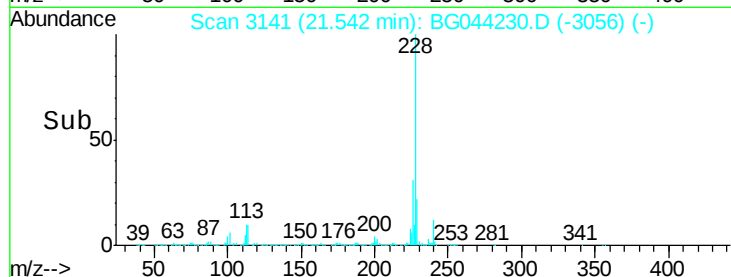
229 22.2 18.9 28.3



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: 33.078 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

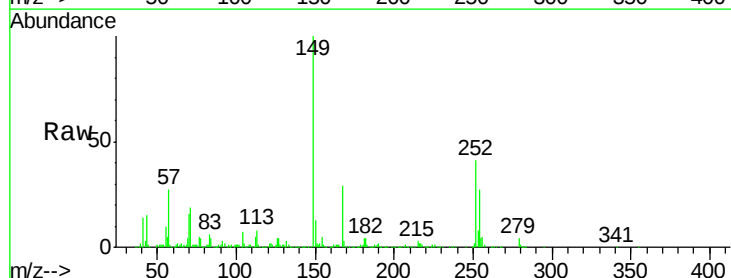
Tgt Ion:252 Resp: 368488

Ion Ratio Lower Upper

252 100

254 66.0 52.1 78.1

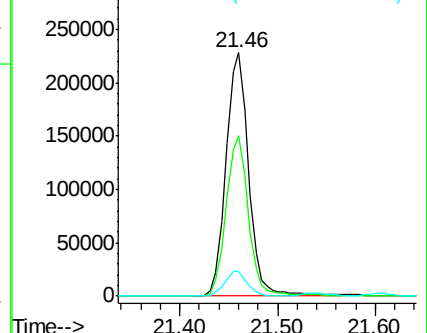
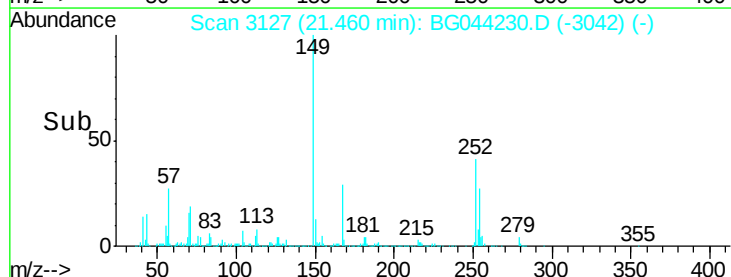
126 10.1 9.1 13.7

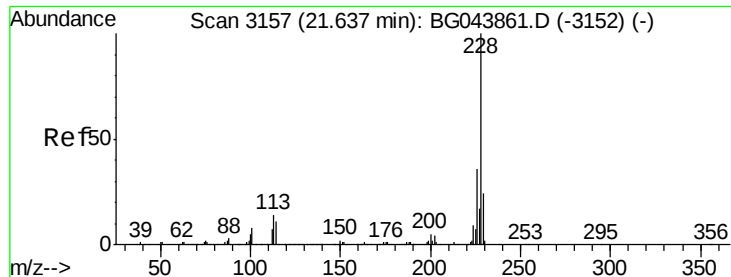


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

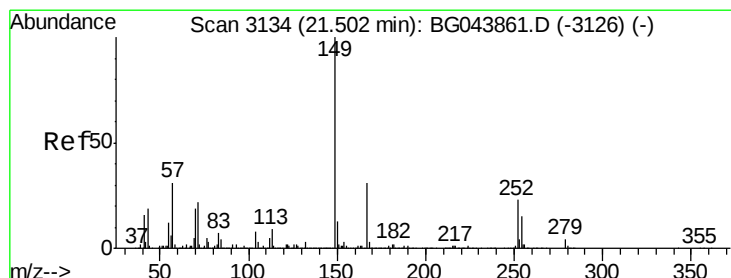
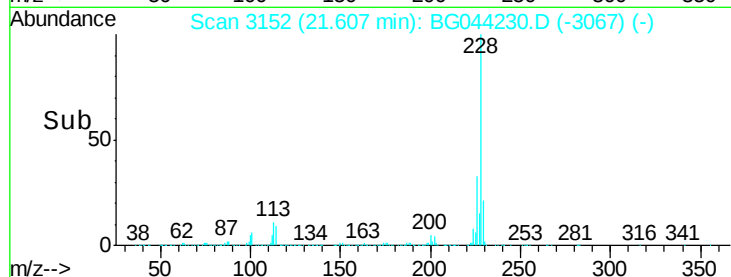
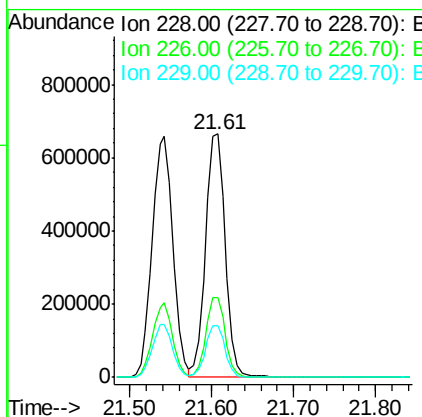
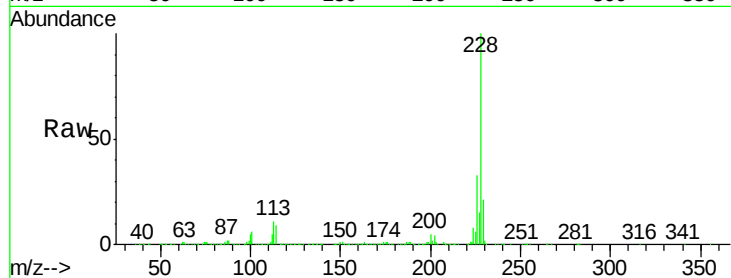




#83
 Chrysene
 Concen: 41.401 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.03 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

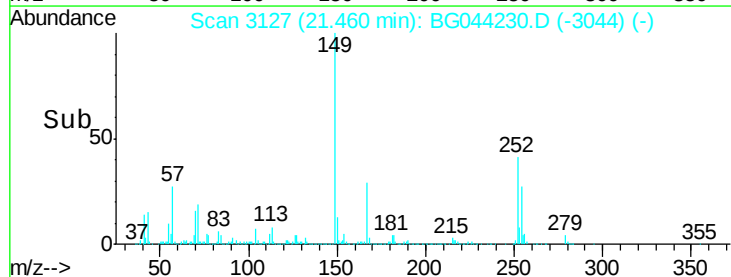
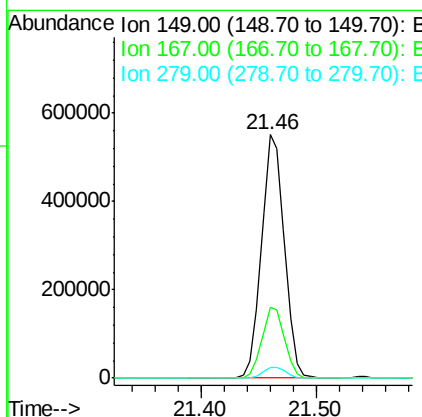
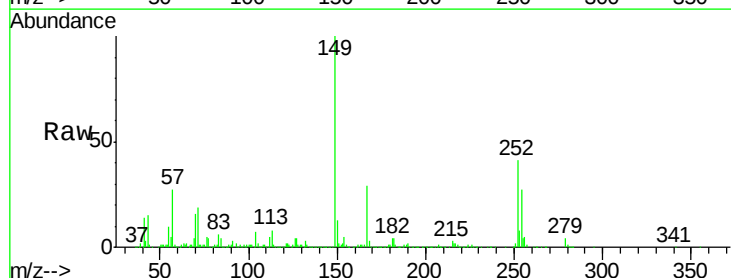
Instrument :
 BNA_G
 ClientSampled :

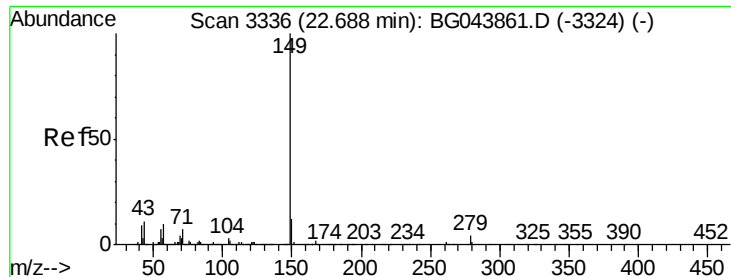
Tot Ion:228 Resp: 1109228
 Ion Ratio Lower Upper
 228 100
 226 33.0 28.8 43.2
 229 21.4 19.0 28.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.216 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044230.D
 Acq: 28 Jan 2020 12:44

Tgt Ion:149 Resp: 764652
 Ion Ratio Lower Upper
 149 100
 167 29.3 24.7 37.1
 279 4.3 3.3 4.9

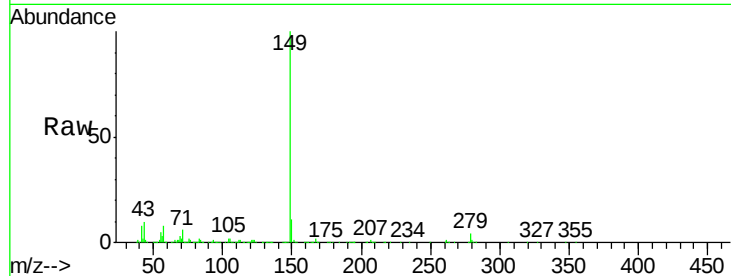




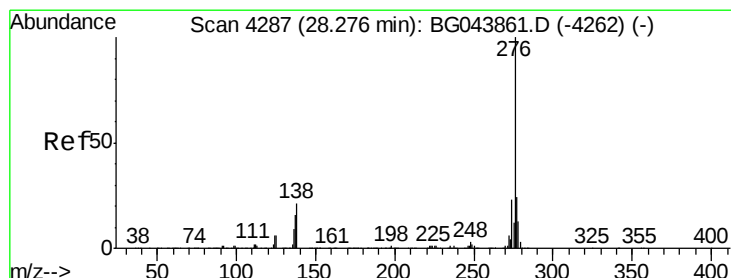
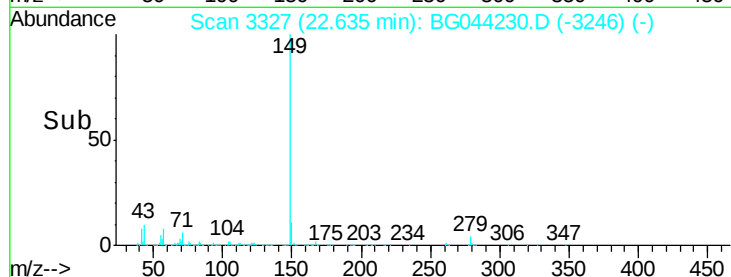
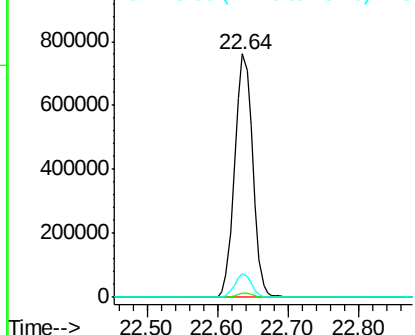
#85
Di-n-octyl phthalate
Concen: 41.113 ng
RT: 22.64 min Scan# 3327
Delta R.T. -0.05 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1347705
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.1 8.8 13.2

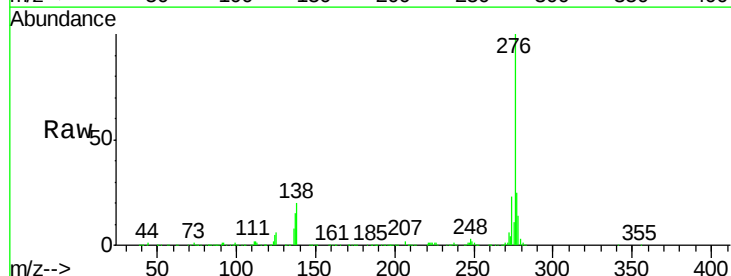


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

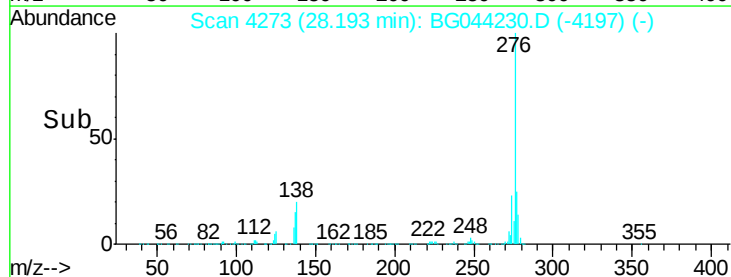
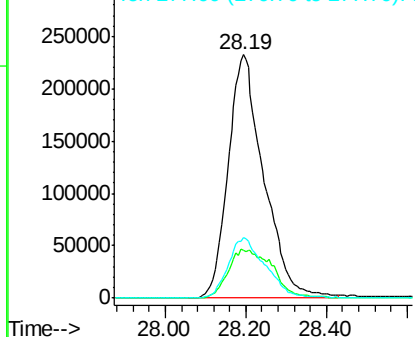


#86
Indeno(1,2,3-cd)pyrene
Concen: 39.151 ng
RT: 28.19 min Scan# 4273
Delta R.T. -0.08 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion:276 Resp: 1425514
Ion Ratio Lower Upper
276 100
138 24.8 21.0 31.4
277 25.8 21.1 31.7



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

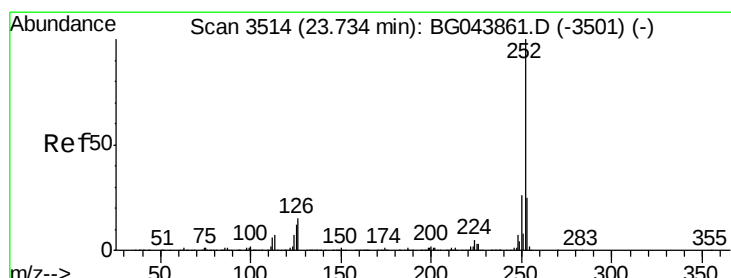
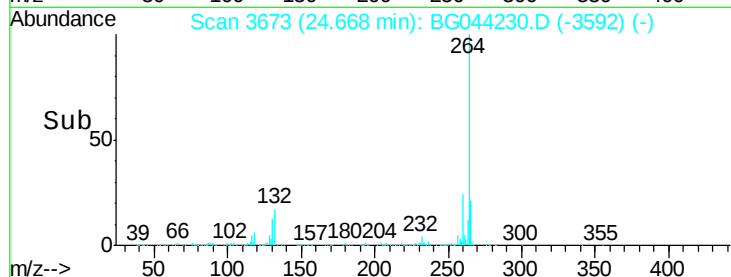
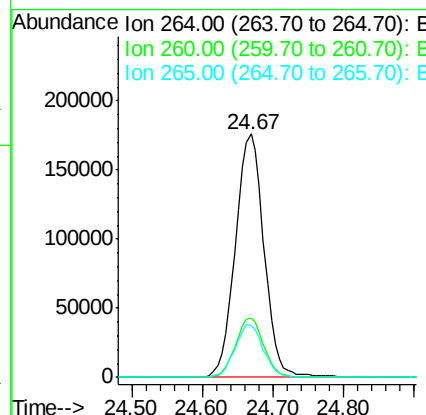
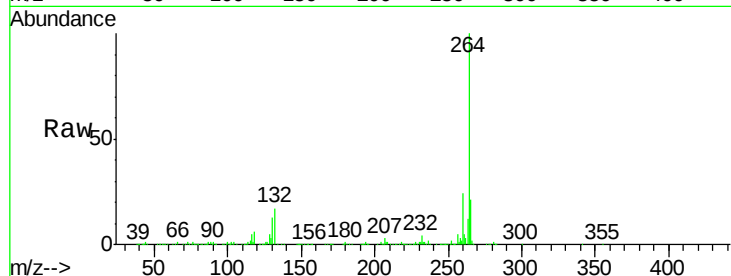




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

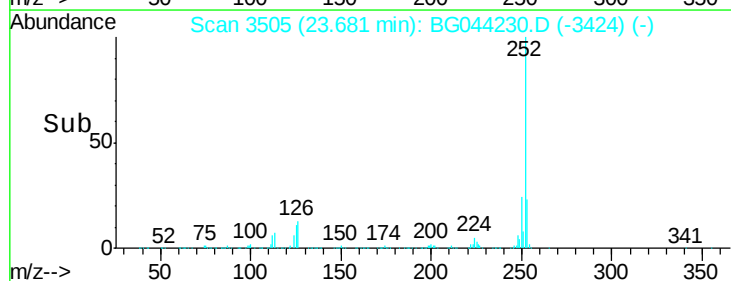
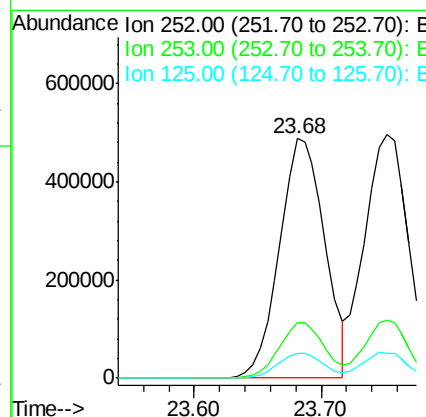
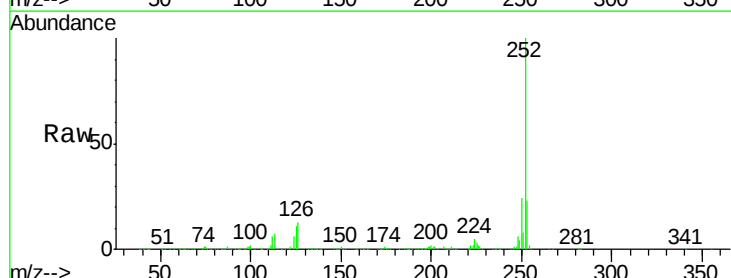
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.4	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 41.265 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.05 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.7	29.5
125	10.6	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 43.299 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.05 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

Instrument :

BNA_G

ClientSampleId :

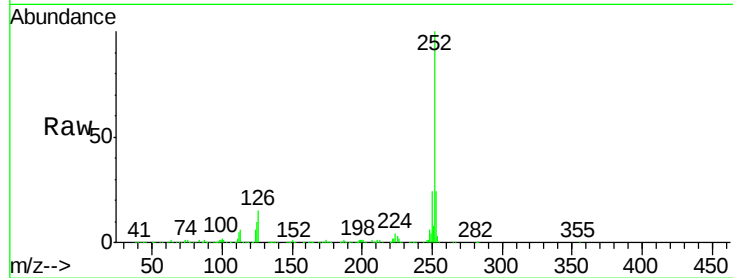
Tot Ion:252 Resp: 1205959

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

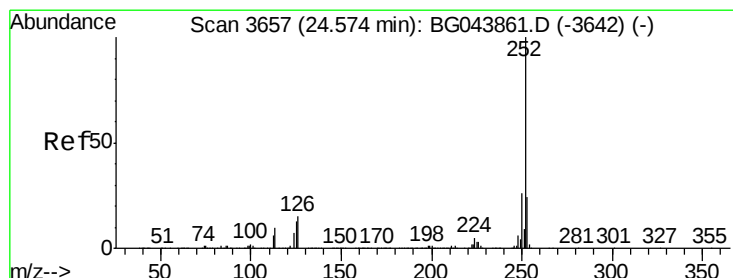
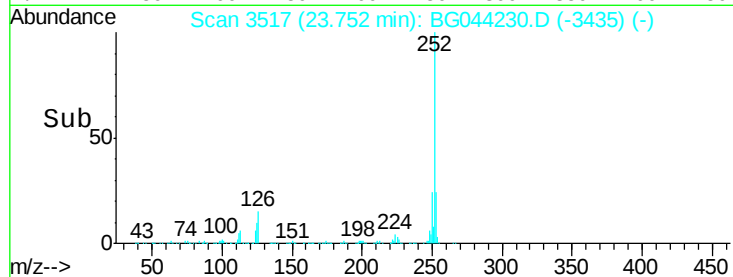
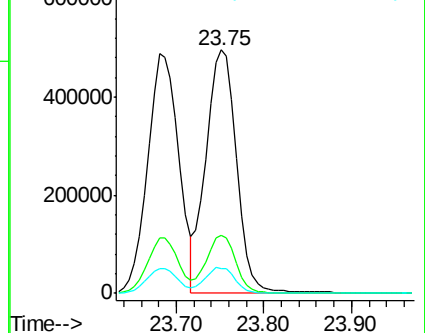
125 10.4 9.9 14.9



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: 40.895 ng

RT: 24.52 min Scan# 3648

Delta R.T. -0.05 min

Lab File: BG044230.D

Acq: 28 Jan 2020 12:44

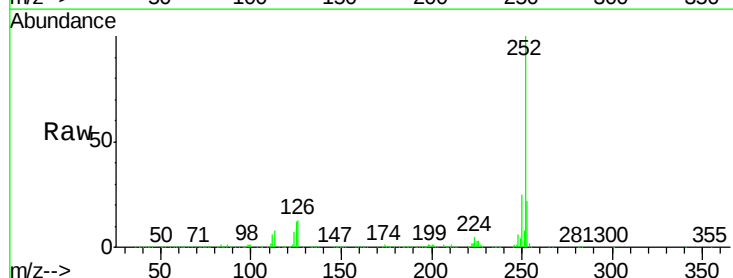
Tgt Ion:252 Resp: 1130484

Ion Ratio Lower Upper

252 100

253 22.5 19.3 28.9

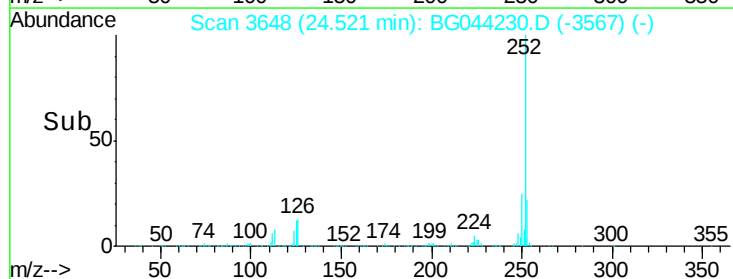
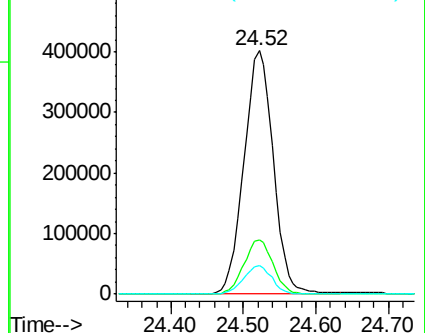
125 11.6 10.4 15.6

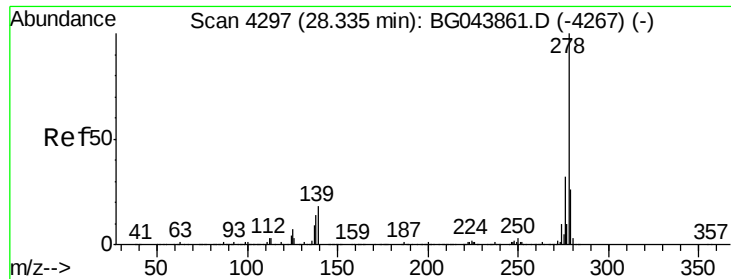


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

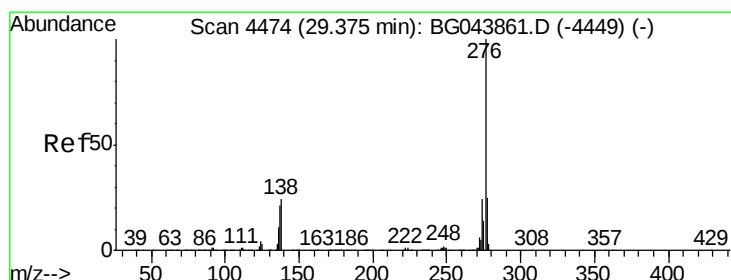
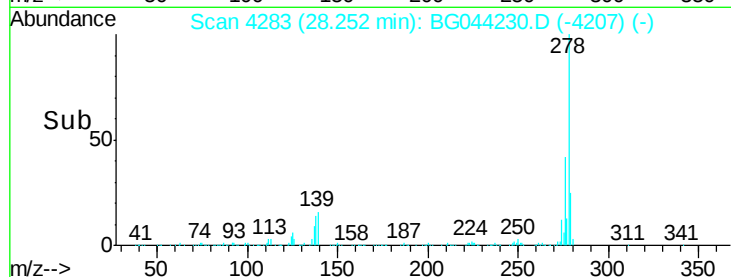
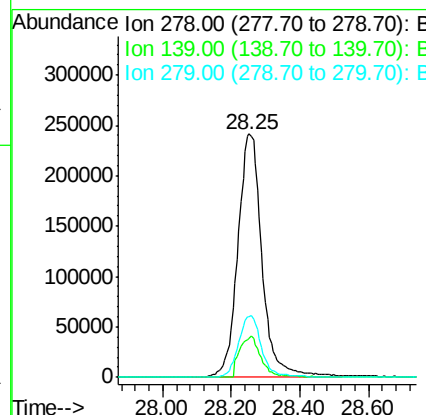
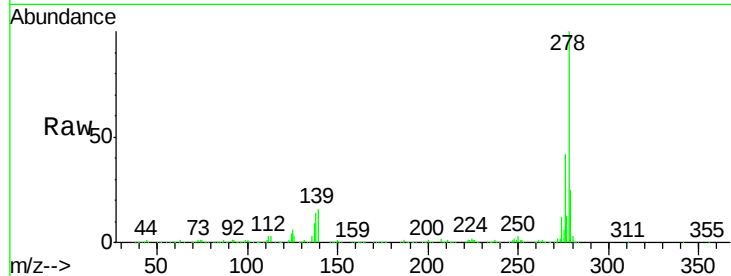




#91
Dibenzo(a,h)anthracene
Concen: 42.621 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.08 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1183262
Ion Ratio Lower Upper
278 100
139 16.2 14.2 21.4
279 24.9 20.6 30.8



#92
Benzo(g,h,i)perylene
Concen: 43.614 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.09 min
Lab File: BG044230.D
Acq: 28 Jan 2020 12:44

Tgt Ion:276 Resp: 1202742
Ion Ratio Lower Upper
276 100
277 24.0 20.2 30.4
138 21.0 19.0 28.6

