

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044521.D
 Acq On : 20 Feb 2020 15:19
 Operator : CG/JU
 Sample : PB126886BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:47:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	66106	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	272106	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	182818	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	415346	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	384075	20.00	ng	-0.02
87) Perylene-d12	24.59	264	397814	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	488357	130.38	ng	-0.02
7) Phenol-d6	7.06	99	654181	130.06	ng	-0.02
23) Nitrobenzene-d5	9.04	82	336798	69.88	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	275845	128.53	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	800753	73.35	ng	-0.02
79) Terphenyl-d14	19.89	244	1293594	69.28	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.33	88	78135	46.428 ng	99
3) Pyridine	3.73	79	151416	33.770 ng	99
4) n-Nitrosodimethylamine	3.65	42	75213	40.143 ng	97
6) Aniline	7.20	93	208798	33.443 ng	99
8) 2-Chlorophenol	7.45	128	196508	47.735 ng	99
9) Benzaldehyde	7.01	77	79620	27.793 ng	98
10) Phenol	7.08	94	241098	48.433 ng	98
11) bis(2-Chloroethyl)ether	7.30	93	177081	41.609 ng	97
12) 1,3-Dichlorobenzene	7.77	146	200914	40.877 ng	97
13) 1,4-Dichlorobenzene	7.92	146	200574	41.202 ng	99
14) 1,2-Dichlorobenzene	8.24	146	193907	42.141 ng	97
15) Benzyl Alcohol	8.12	79	159668	44.837 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.42	45	227496	39.495 ng	99
17) 2-Methylphenol	8.33	107	171054	48.162 ng	99
18) Hexachloroethane	8.96	117	73323	40.138 ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	138165	41.216 ng	97
20) 3+4-Methylphenols	8.66	107	232725	47.546 ng	100
22) Acetophenone	8.70	105	264180	39.909 ng	99
24) Nitrobenzene	9.08	77	197651	42.006 ng	100
25) Isophorone	9.60	82	383114	42.647 ng	100
26) 2-Nitrophenol	9.79	139	112406	46.039 ng	98
27) 2,4-Dimethylphenol	9.86	122	191735	55.633 ng	100
28) bis(2-Chloroethoxy)methane	10.09	93	243034	40.554 ng	98
29) 2,4-Dichlorophenol	10.34	162	198328	47.591 ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	199173	41.681 ng	99
31) Naphthalene	10.73	128	575182	43.569 ng	100
32) Benzoic acid	10.03	122	61740	33.338 ng	95
33) 4-Chloroaniline	10.84	127	160788	26.779 ng	99
34) Hexachlorobutadiene	11.03	225	116647	39.671 ng	98
35) Caprolactam	11.61	113	40257	26.371 ng	95
36) 4-Chloro-3-methylphenol	11.98	107	206685	47.304 ng	99
37) 2-Methylnaphthalene	12.34	142	432762	44.150 ng	99
38) 1-Methylnaphthalene	12.57	142	406950	44.037 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	218576	39.969 ng	100

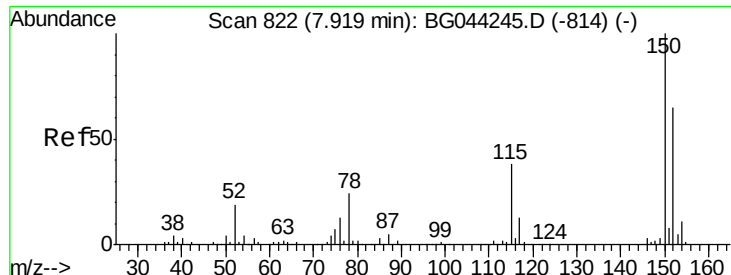
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044521.D
 Acq On : 20 Feb 2020 15:19
 Operator : CG/JU
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Instrument :
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Quant Time: Feb 21 06:47:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	201698	76.866	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	157674	44.606	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	169506	46.949	ng	98
46) 1,1'-Biphenyl	13.35	154	548175	41.570	ng	99
47) 2-Chloronaphthalene	13.39	162	432731	41.238	ng	99
48) 2-Nitroaniline	13.60	65	126381	40.810	ng	96
49) Acenaphthylene	14.25	152	687838	44.691	ng	98
50) Dimethylphthalate	13.98	163	553992	42.156	ng	99
51) 2,6-Dinitrotoluene	14.09	165	128288	43.783	ng	97
52) Acenaphthene	14.59	154	417833	41.884	ng	99
53) 3-Nitroaniline	14.43	138	93589	28.870	ng	93
54) 2,4-Dinitrophenol	14.64	184	144199	82.763	ng	97
55) Dibenzofuran	14.92	168	658880	43.622	ng	99
56) 4-Nitrophenol	14.75	139	229974	96.848	ng	97
57) 2,4-Dinitrotoluene	14.89	165	180736	44.009	ng	98
58) Fluorene	15.57	166	527328	44.326	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	153585	47.095	ng	96
60) Diethylphthalate	15.34	149	552539	42.196	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	275874	42.769	ng	98
62) 4-Nitroaniline	15.59	138	129450	39.963	ng	97
63) Azobenzene	15.86	77	489295	42.635	ng	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	111718	48.728	ng	96
66) n-Nitrosodiphenylamine	15.78	169	494334	42.469	ng	98
67) 4-Bromophenyl-phenylether	16.46	248	185587	41.012	ng	97
68) Hexachlorobenzene	16.58	284	206992	40.829	ng	98
69) Atrazine	16.73	200	194166	48.668	ng	99
70) Pentachlorophenol	16.93	266	216416	84.243	ng	99
71) Phenanthrene	17.31	178	865801	43.048	ng	99
72) Anthracene	17.40	178	885451	44.530	ng	98
73) Carbazole	17.67	167	808122	44.085	ng	99
74) Di-n-butylphthalate	18.24	149	984034	43.440	ng	99
75) Fluoranthene	19.32	202	1049693	45.116	ng	99
77) Benzidine	19.50	184	378222	35.503	ng	98
78) Pyrene	19.68	202	1057663	42.880	ng	98
80) Butylbenzylphthalate	20.57	149	456998	40.657	ng	99
81) Benzo(a)anthracene	21.50	228	1014109	42.842	ng	98
82) 3,3'-Dichlorobenzidine	21.41	252	314562	34.240	ng	99
83) Chrysene	21.56	228	972397	42.500	ng	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	638463	41.267	ng	100
85) Di-n-octyl phthalate	22.57	149	1142902	42.695	ng	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1319395	44.200	ng	99
88) Benzo(b)fluoranthene	23.62	252	1081666	47.186	ng	99
89) Benzo(k)fluoranthene	23.68	252	1056640	47.294	ng	99
90) Benzo(a)pyrene	24.44	252	997735	46.034	ng	99
91) Dibenzo(a,h)anthracene	28.13	278	1094035	51.004	ng	98
92) Benzo(g,h,i)perylene	29.16	276	1128171	52.539	ng	99

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

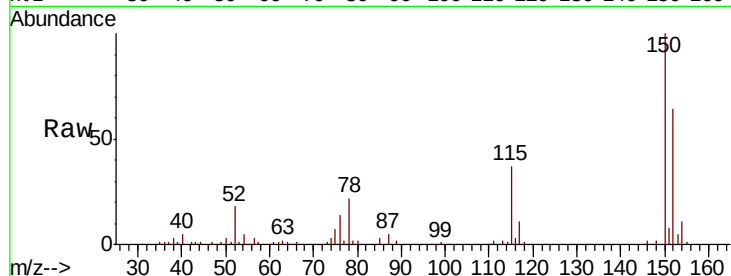


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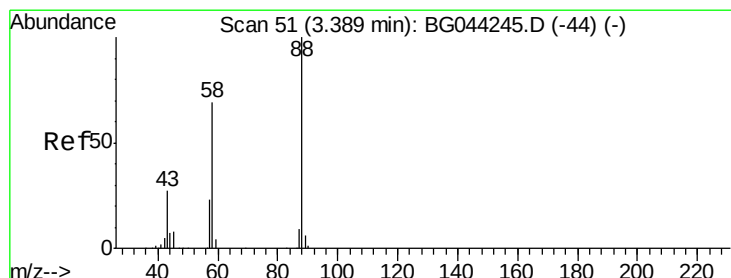
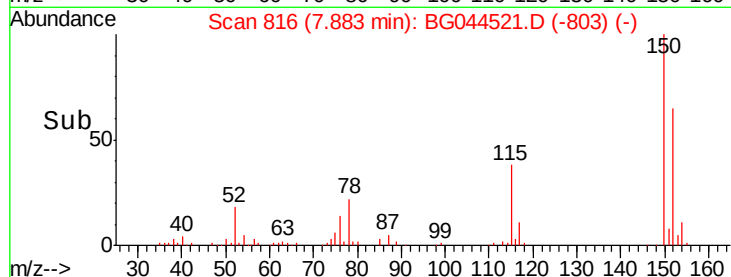
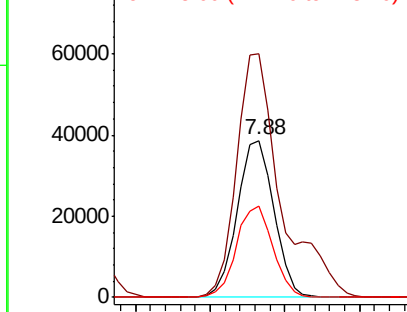
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 66106
Ion Ratio Lower Upper
152 100
150 155.1 122.6 183.8
115 58.1 46.0 69.0



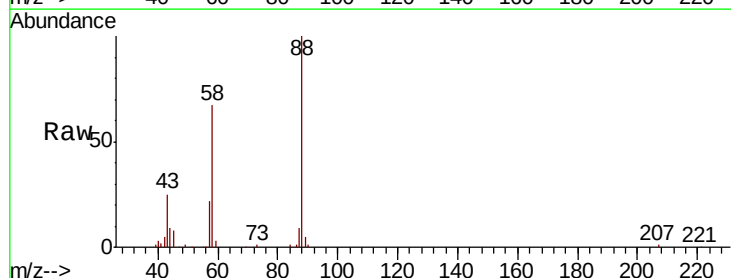
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



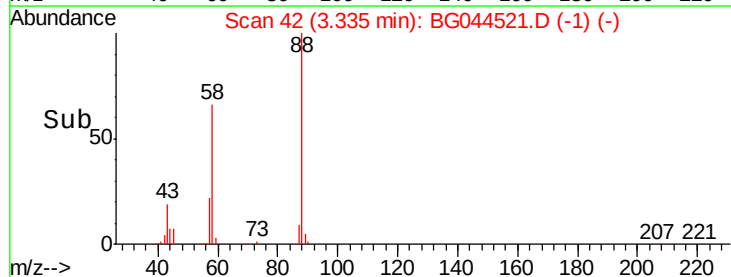
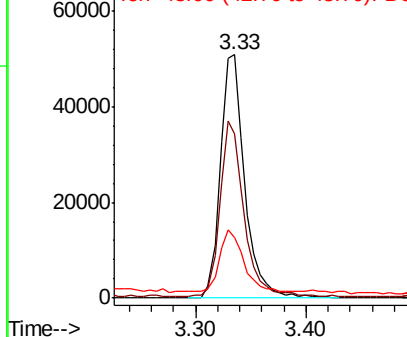
#2

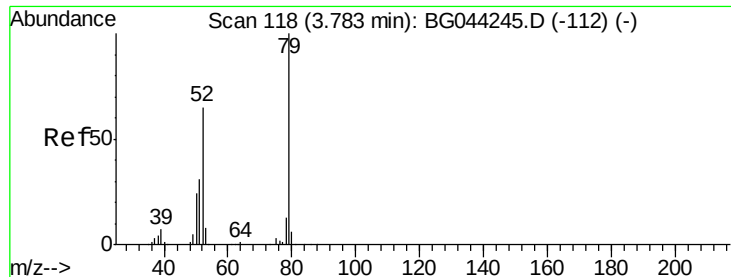
1,4-Dioxane
Concen: 46.428 ng
RT: 3.33 min Scan# 42
Delta R.T. -0.03 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion: 88 Resp: 78135
Ion Ratio Lower Upper
88 100
58 70.2 55.8 83.6
43 25.3 21.6 32.4



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





#3

Pvridine

Concen: 33.770 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.03 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampled :

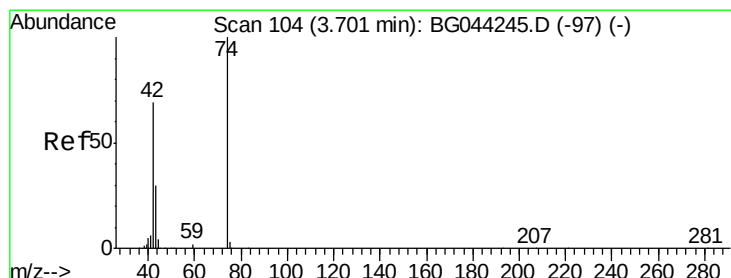
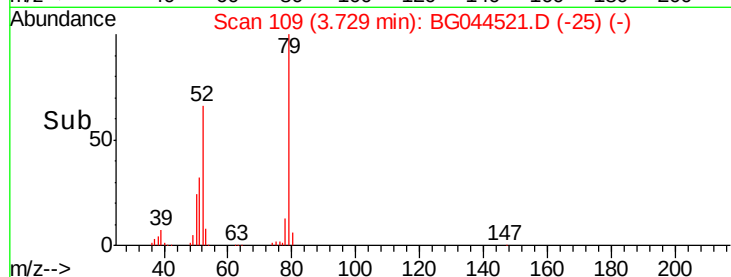
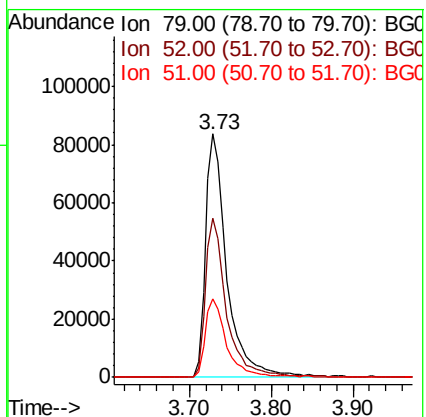
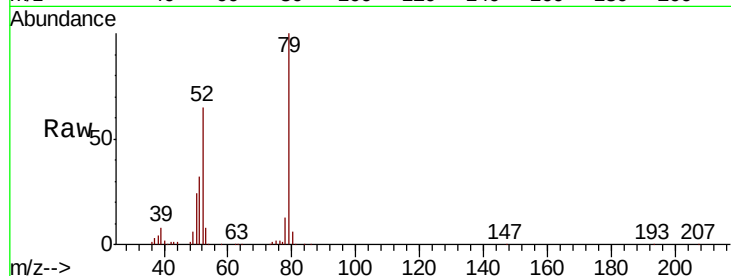
Tot Ion: 79 Resp: 151416

Ion Ratio Lower Upper

79 100

52 65.4 51.9 77.9

51 32.2 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 40.143 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.03 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

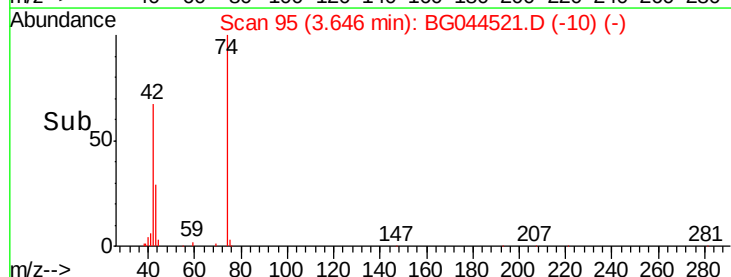
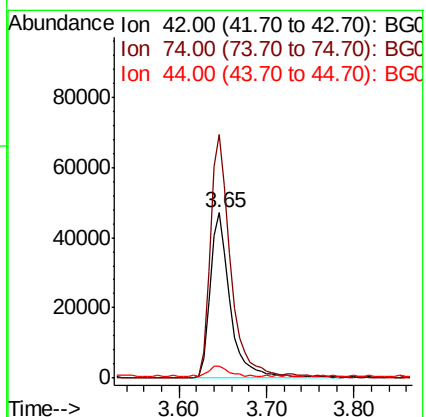
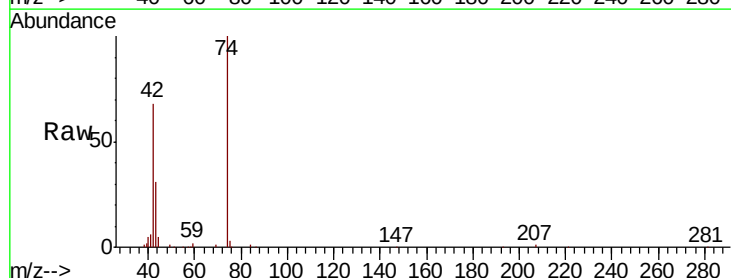
Tgt Ion: 42 Resp: 75213

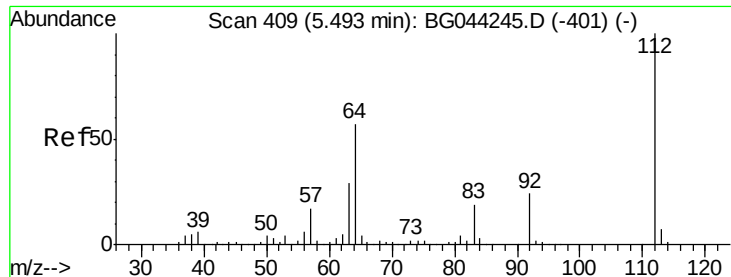
Ion Ratio Lower Upper

42 100

74 147.4 115.1 172.7

44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 130.377 ng

RT: 5.46 min Scan# 404

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

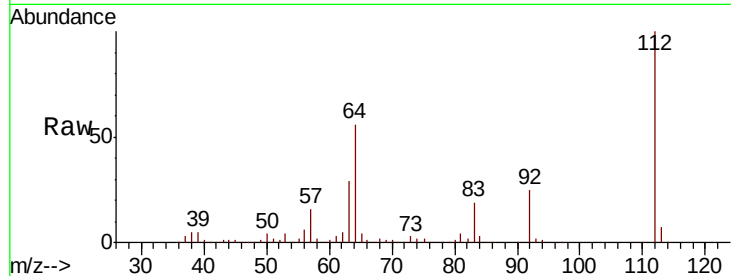
Tot Ion:112 Resp: 488357

Ion Ratio Lower Upper

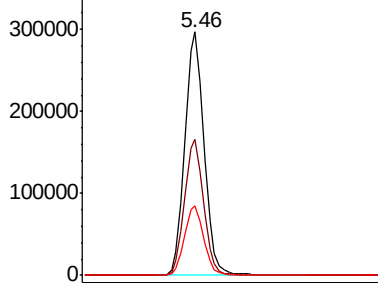
112 100

64 56.0 45.4 68.2

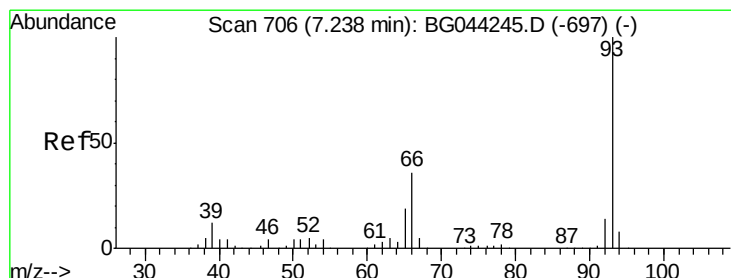
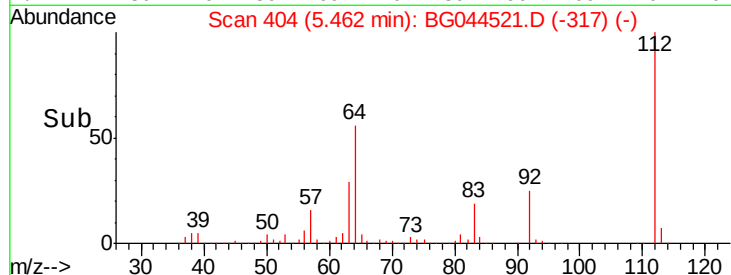
63 28.6 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->



#6

Aniline

Concen: 33.443 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

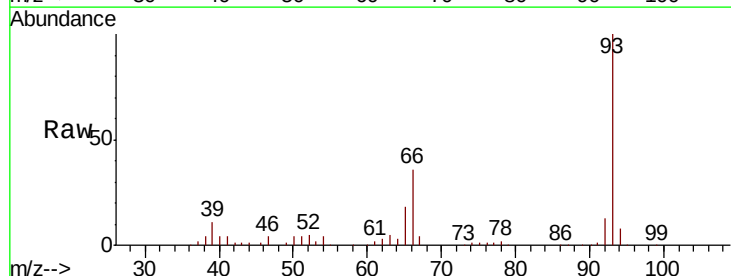
Tgt Ion: 93 Resp: 208798

Ion Ratio Lower Upper

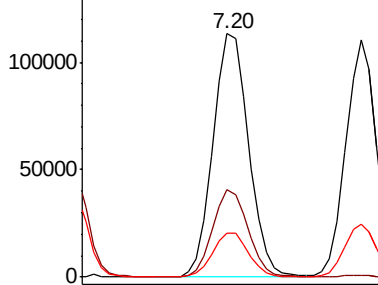
93 100

66 36.1 28.7 43.1

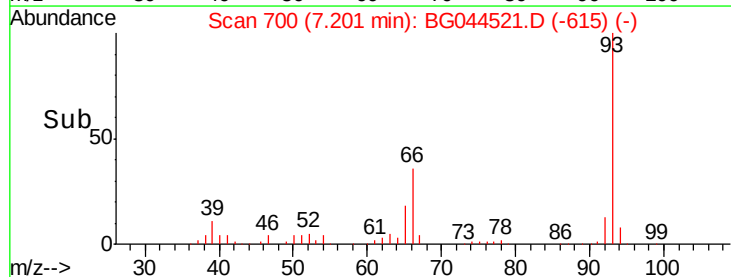
65 18.3 15.4 23.0

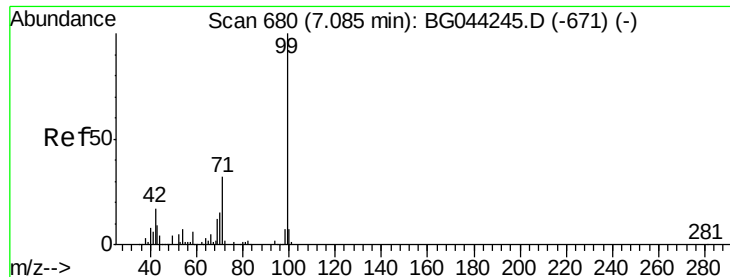


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time-->





#7

Phenol-d6

Concen: 130.058 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampled :

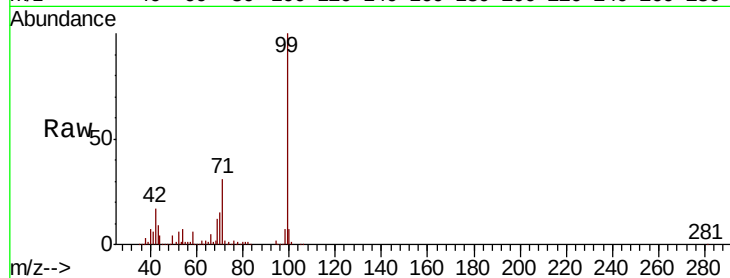
Tot Ion: 99 Resp: 654181

Ion Ratio Lower Upper

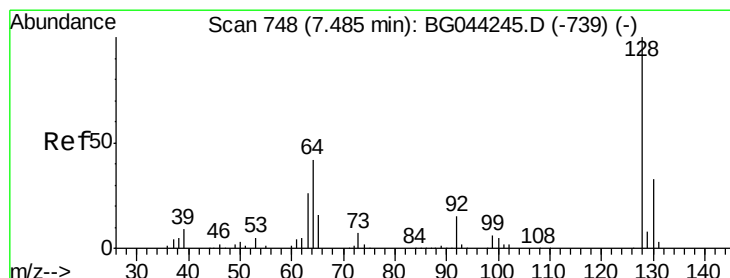
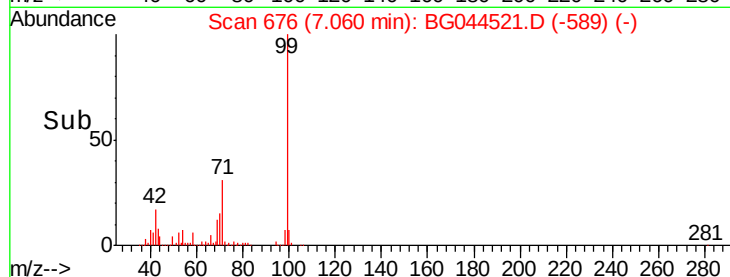
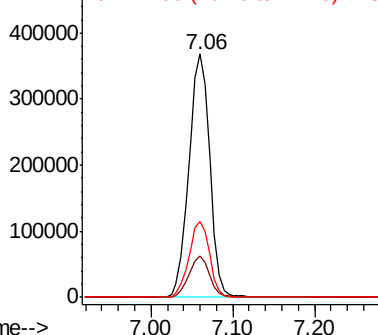
99 100

42 16.8 13.8 20.6

71 31.2 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.735 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

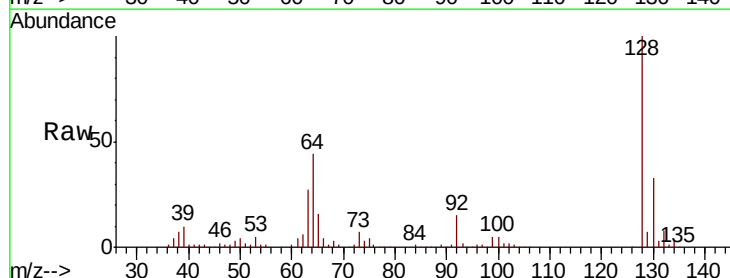
Tgt Ion: 128 Resp: 196508

Ion Ratio Lower Upper

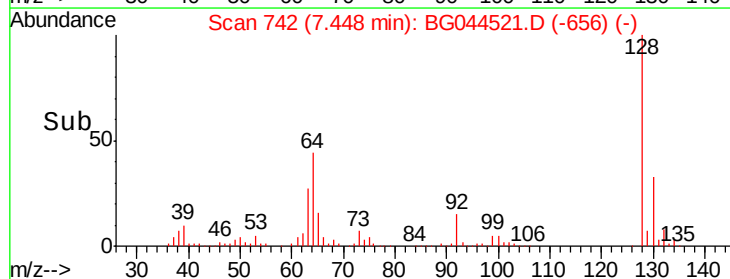
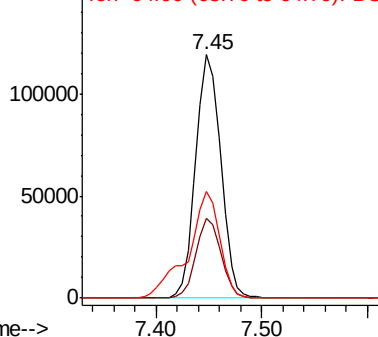
128 100

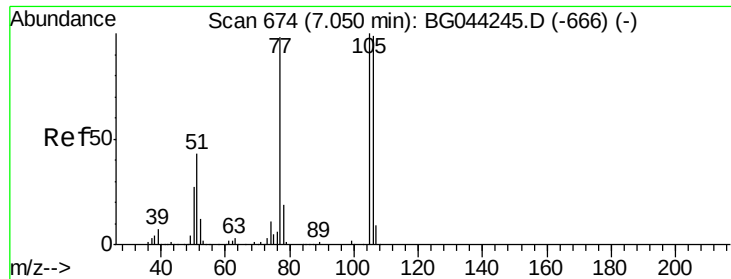
130 32.9 12.5 52.5

64 43.6 24.2 64.2



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





#9

Benzaldehyde

Concen: 27.793 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampled :

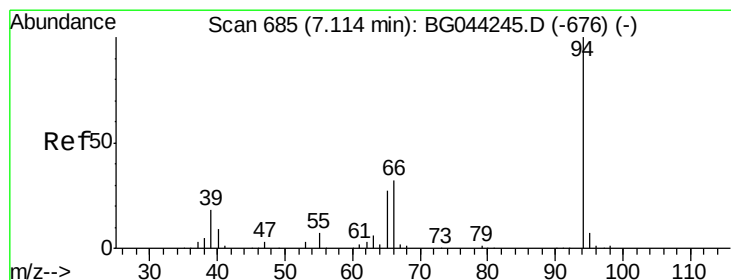
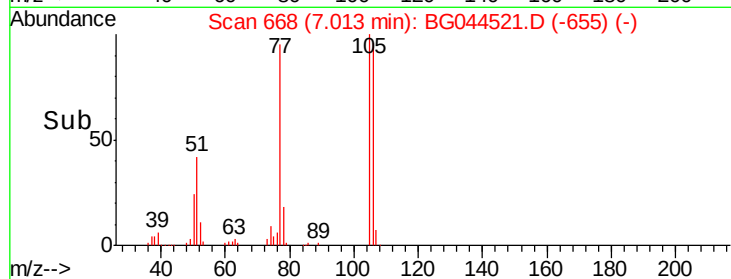
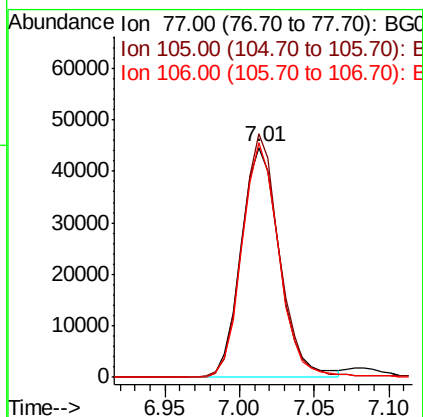
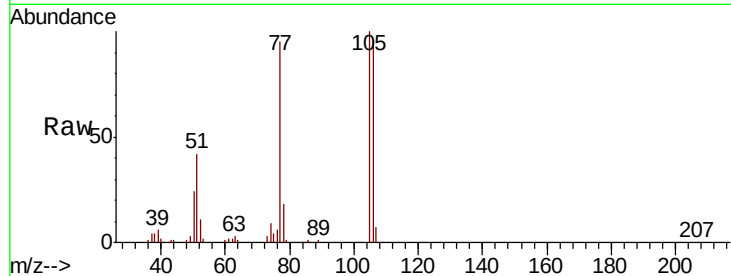
Tot Ion: 77 Resp: 79620

Ion Ratio Lower Upper

77 100

105 105.8 82.0 122.0

106 101.8 80.7 120.7



#10

Phenol

Concen: 48.433 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

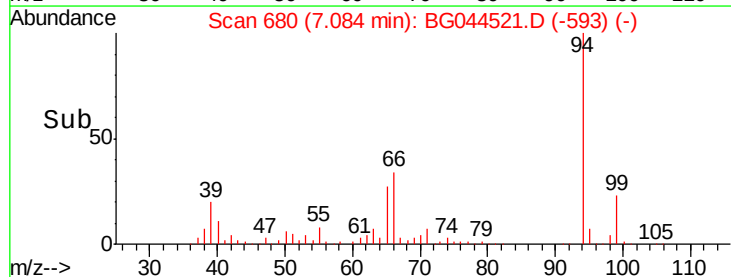
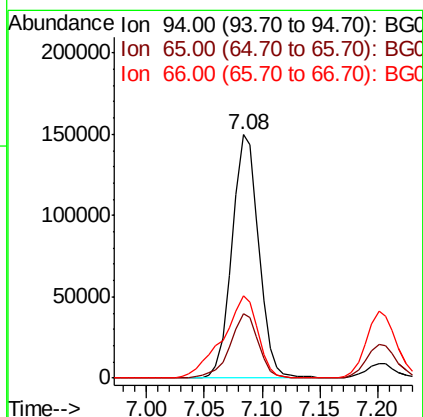
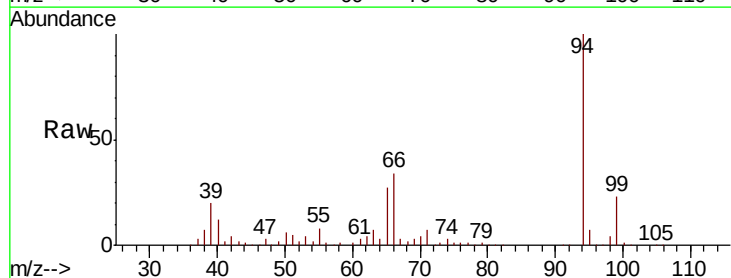
Tgt Ion: 94 Resp: 241098

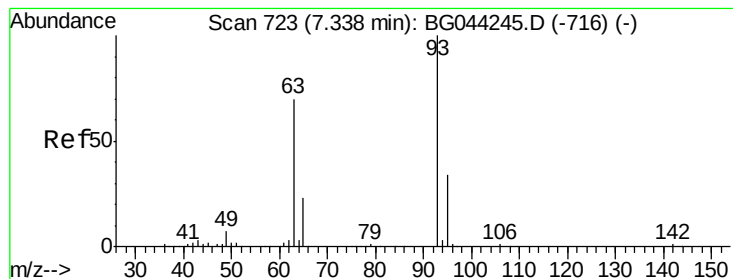
Ion Ratio Lower Upper

94 100

65 26.5 7.0 47.0

66 34.0 12.7 52.7





#11

bis(2-Chloroethyl)ether

Concen: 41.609 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampled :

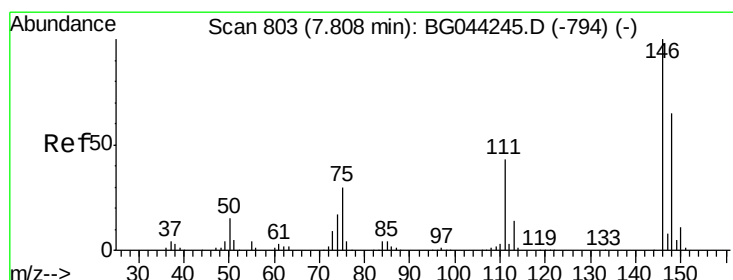
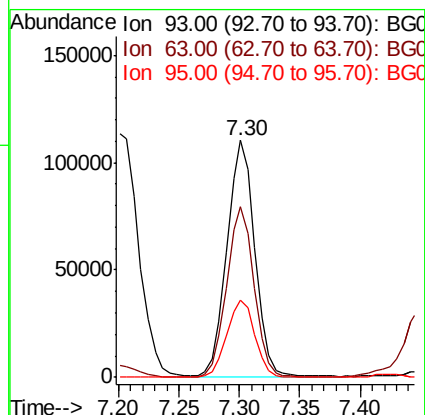
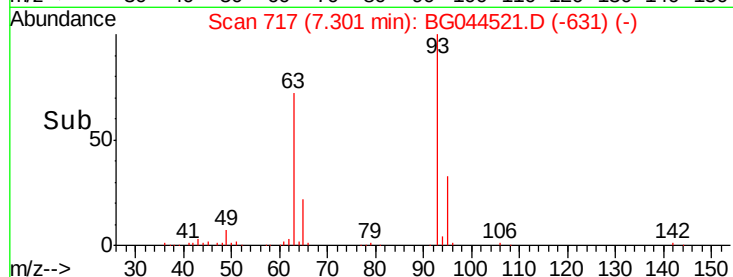
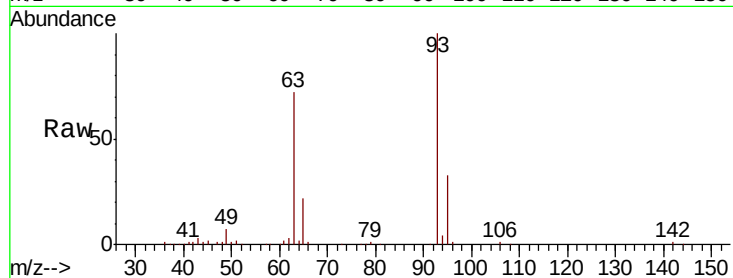
Tot Ion: 93 Resp: 177081

Ion Ratio Lower Upper

93 100

63 72.3 49.2 89.2

95 32.7 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 40.877 ng

RT: 7.77 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

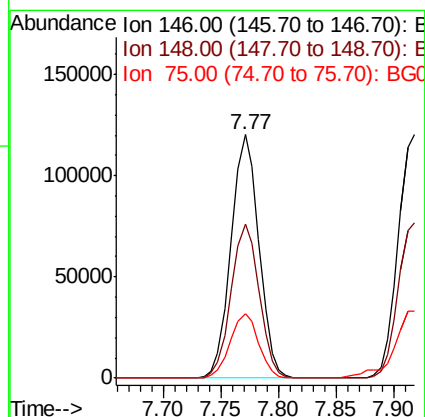
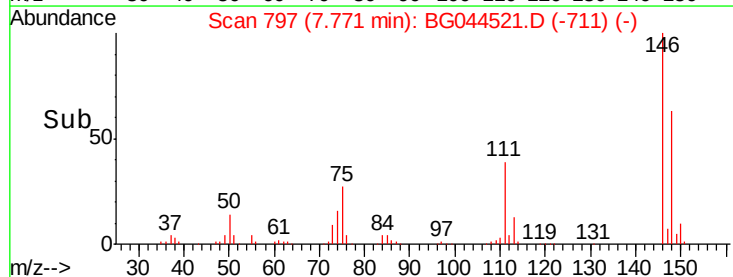
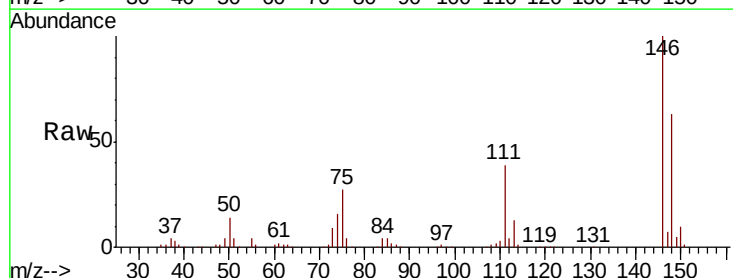
Tgt Ion: 146 Resp: 200914

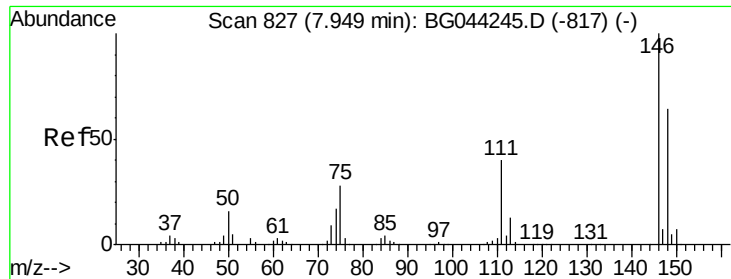
Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

75 26.6 23.7 35.5

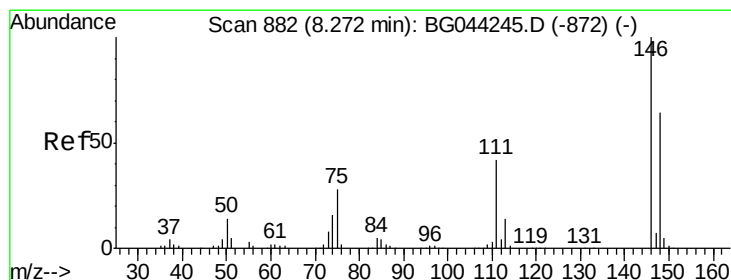
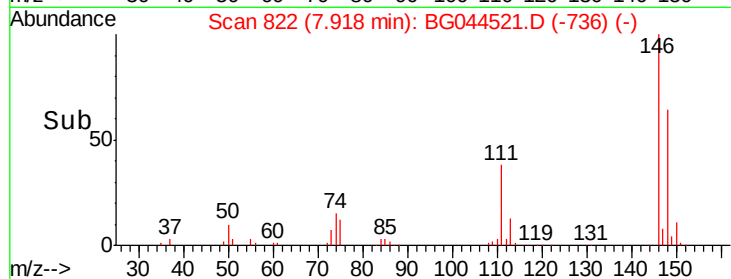
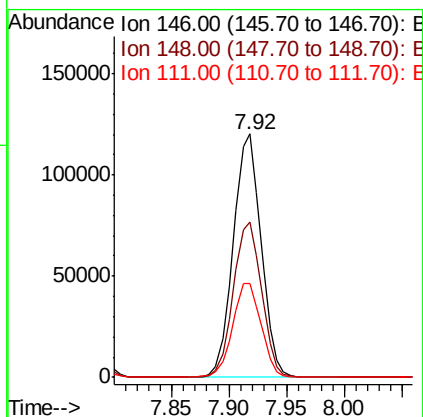
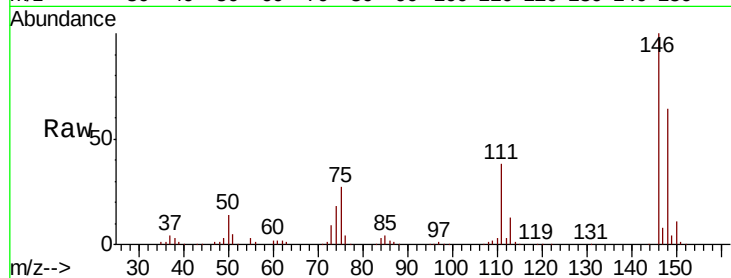




#13
 1,4-Dichlorobenzene
 Concen: 41.202 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

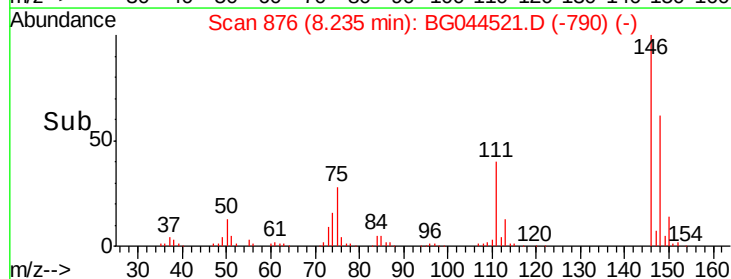
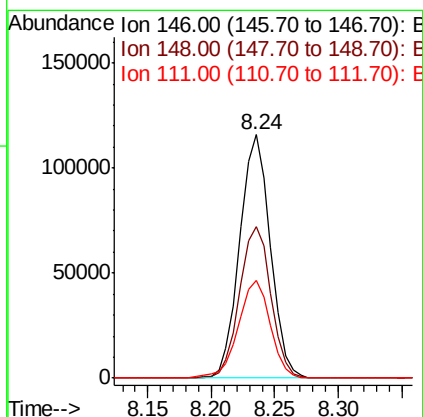
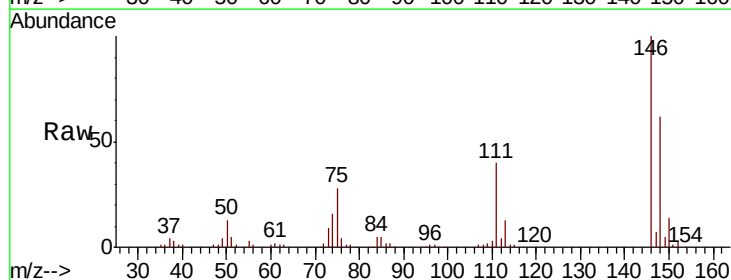
Instrument :
 BNA_G
 ClientSampleId :

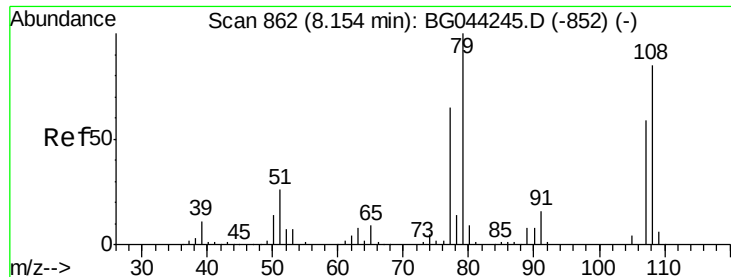
Tot Ion:146 Resp: 200574
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 38.4 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 42.141 ng
 RT: 8.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion:146 Resp: 193907
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.2 76.8
 111 40.0 34.0 51.0





#15

Benzyl Alcohol

Concen: 44.837 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

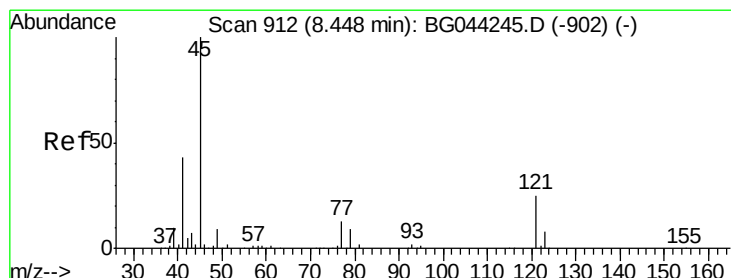
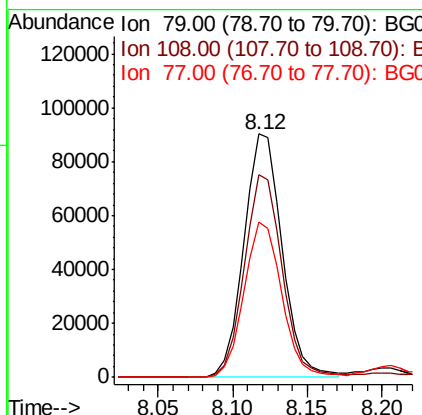
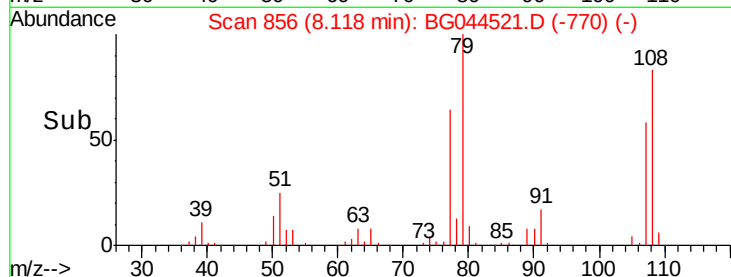
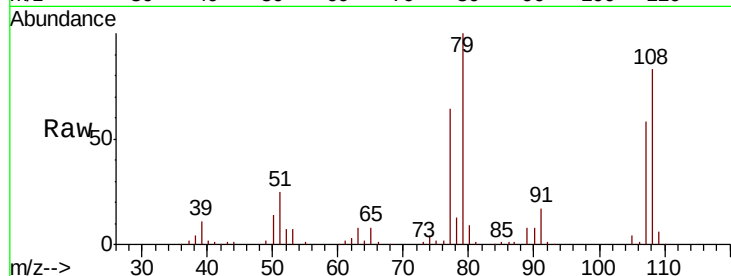
Tot Ion: 79 Resp: 159668

Ion Ratio Lower Upper

79 100

108 83.1 68.3 102.5

77 63.7 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.495 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

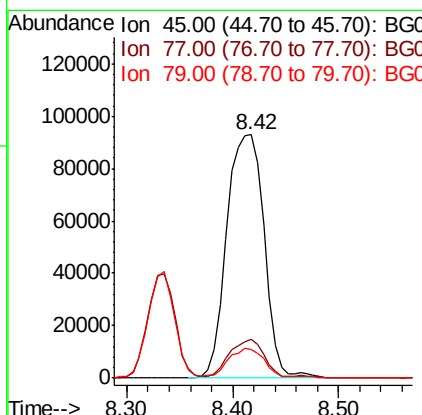
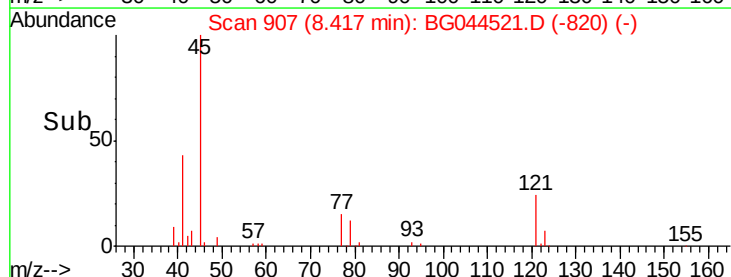
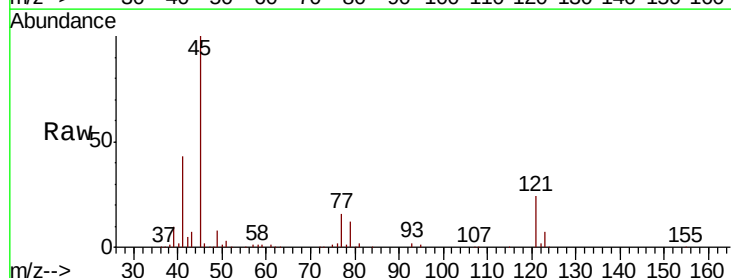
Tgt Ion: 45 Resp: 227496

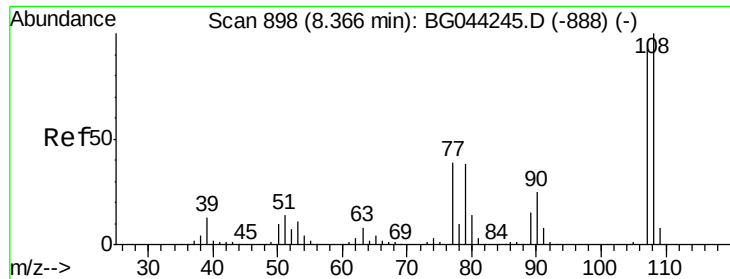
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.2

79 11.6 0.0 31.1

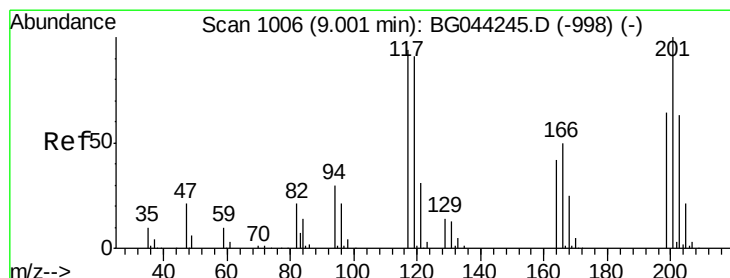
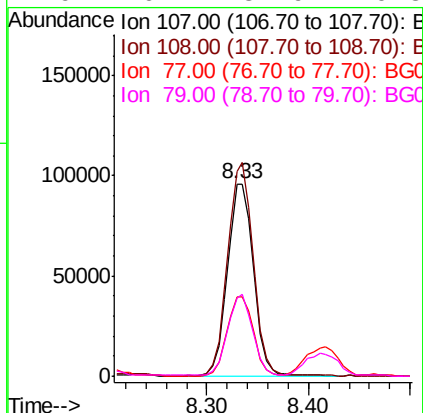
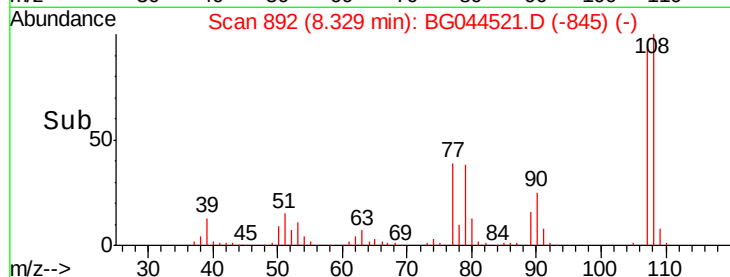
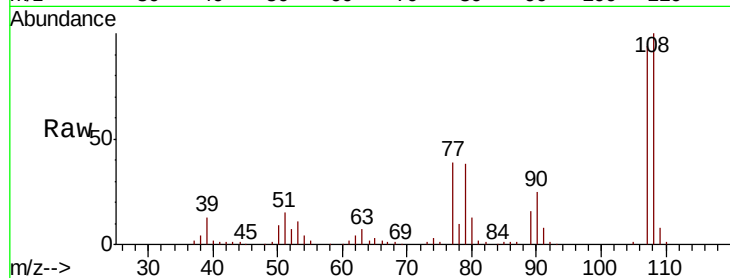




#17
2-Methylphenol
Concen: 48.162 ng
RT: 8.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

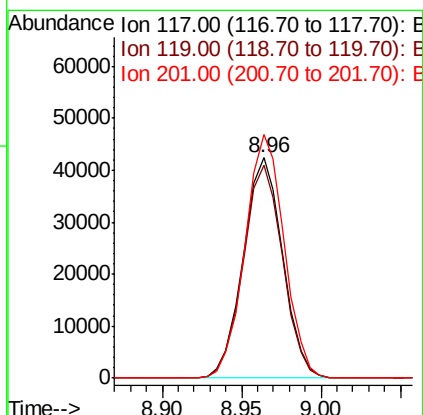
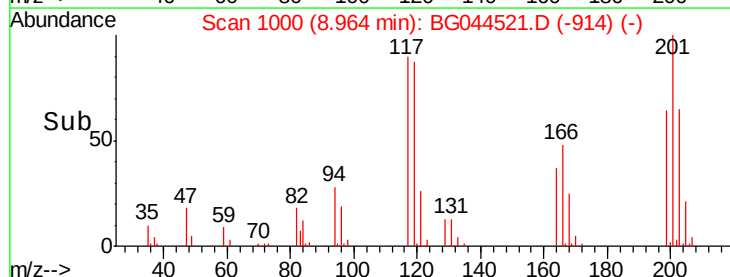
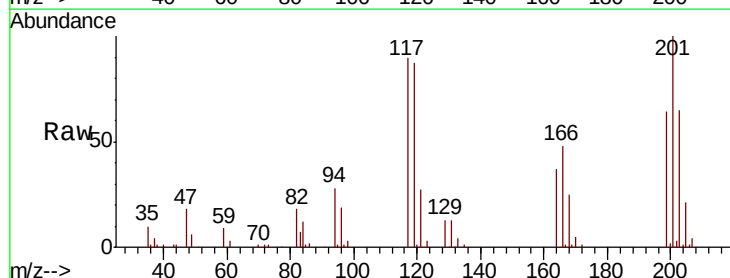
Instrument :
BNA_G
ClientSampleId :

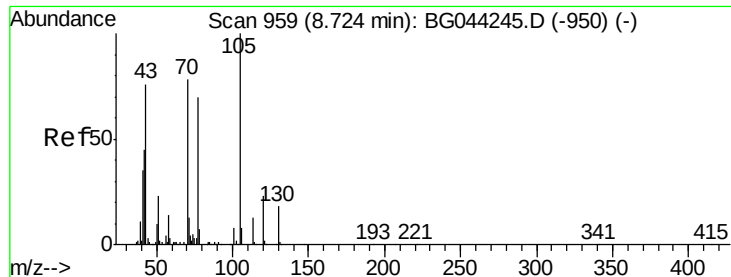
Tot Ion	Ratio	Lower	Upper
107	100		
108	106.7	86.4	129.6
77	41.1	34.0	51.0
79	40.4	32.9	49.3



#18
Hexachloroethane
Concen: 40.138 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.5	116.3
201	110.5	84.9	127.3

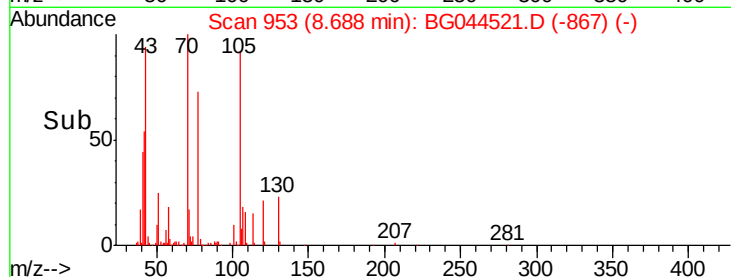
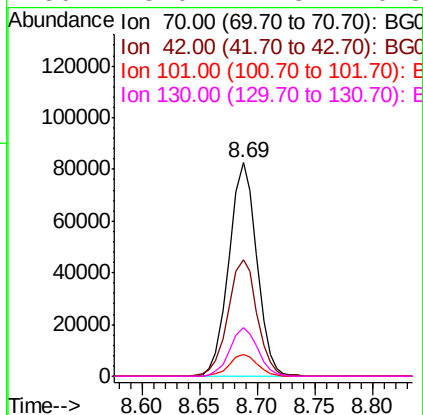
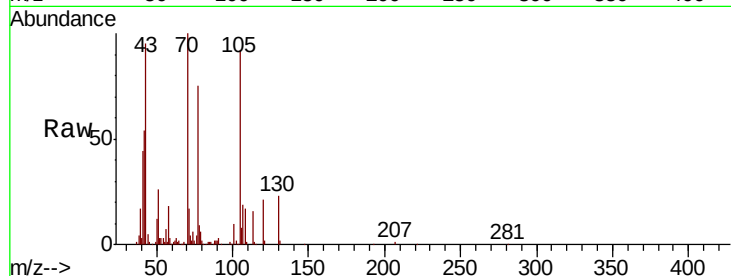




#19
n-Nitroso-di-n-propylamine
Concen: 41.216 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

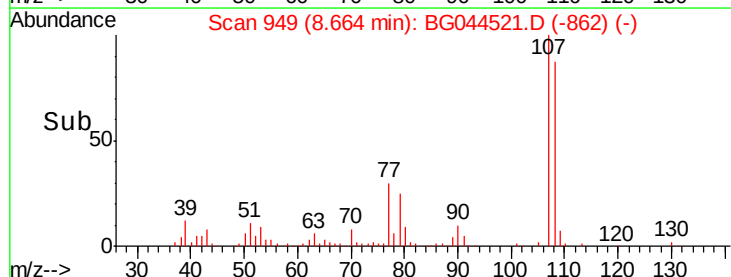
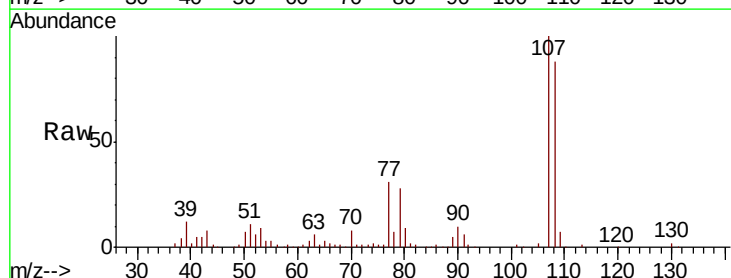
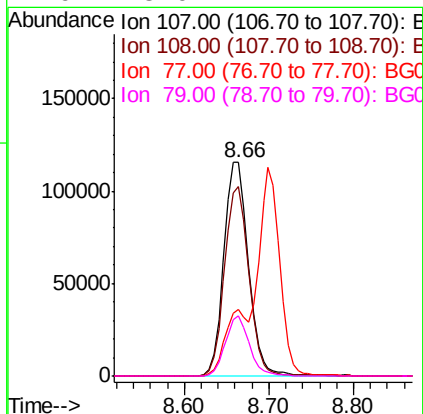
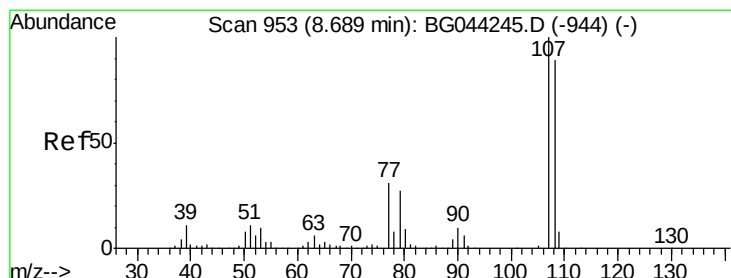
Instrument :
BNA_G
ClientSampleId :

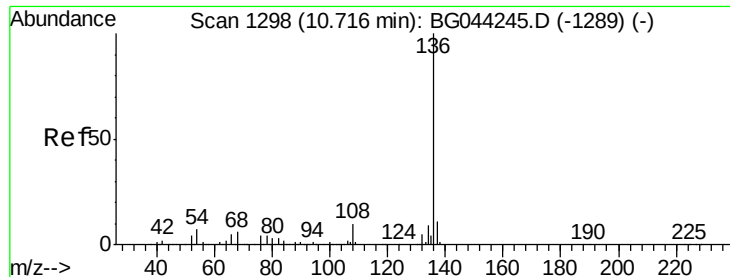
Tot Ion:	70	Resp:	138165
Ion	Ratio	Lower	Upper
70	100		
42	54.4	46.2	69.2
101	10.2	8.4	12.6
130	23.0	17.8	26.8



#20
3+4-Methylphenols
Concen: 47.546 ng
RT: 8.66 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:	107	Resp:	232725
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.5	108.5
77	31.2	10.9	50.9
79	28.0	7.1	47.1

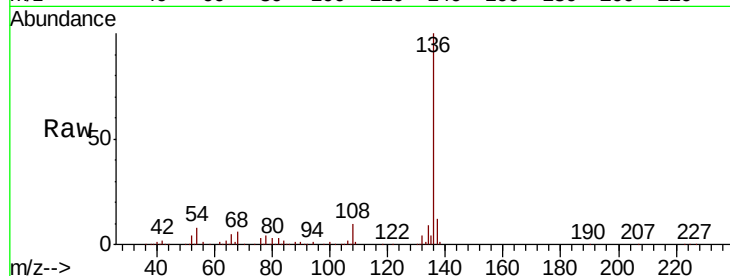




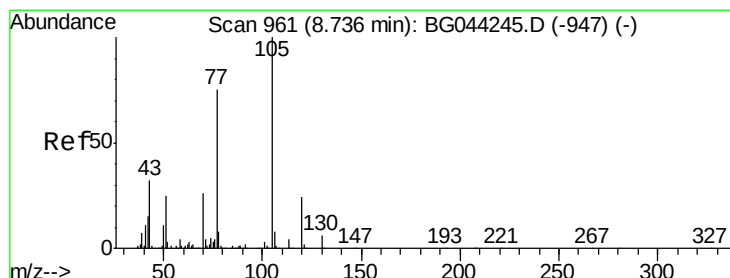
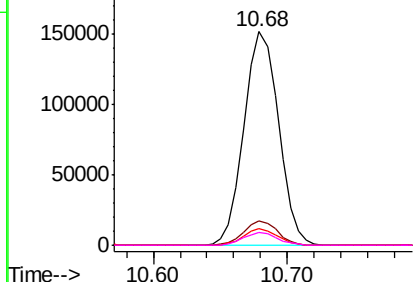
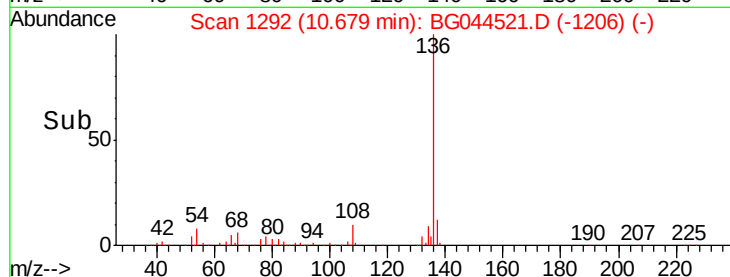
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	272106
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.6	5.8	8.8
68 5.9	4.6	6.8

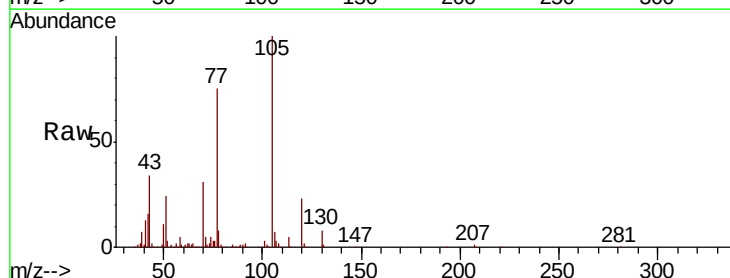


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

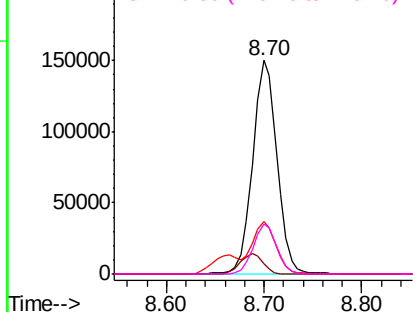
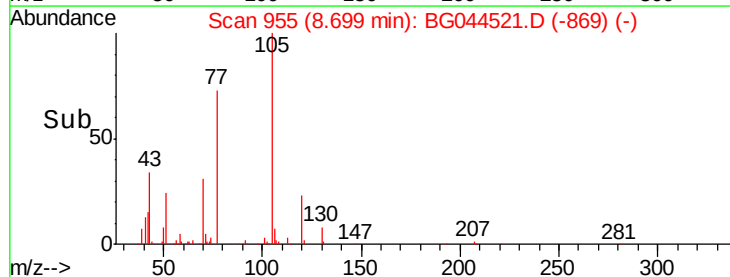


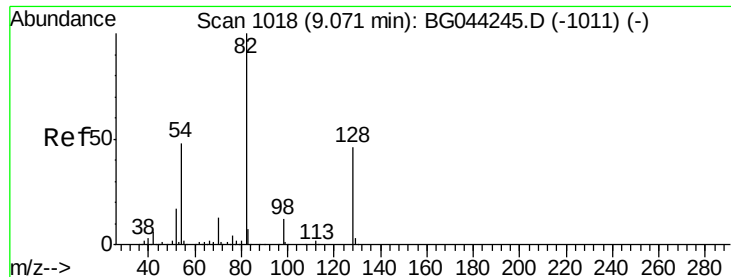
#22
Acetophenone
Concen: 39.909 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:105	Resp:	264180
Ion Ratio	Lower	Upper
105 100		
71 4.8	3.4	5.0
51 24.4	20.2	30.4
120 23.3	19.1	28.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 69.879 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

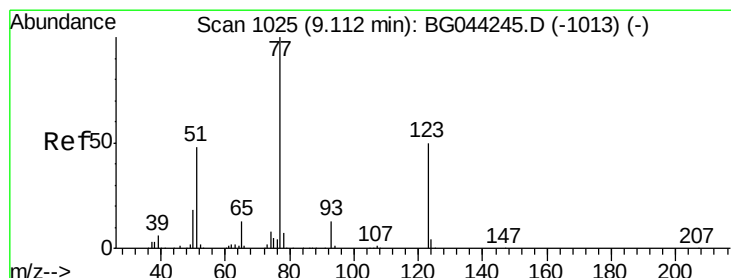
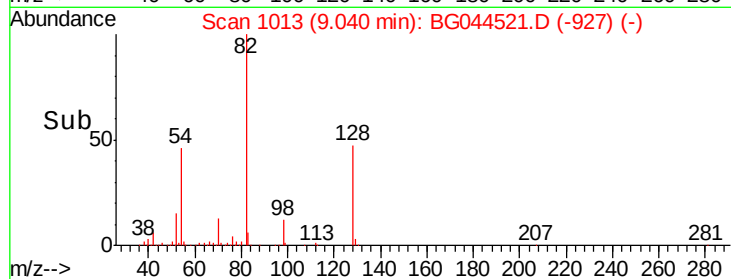
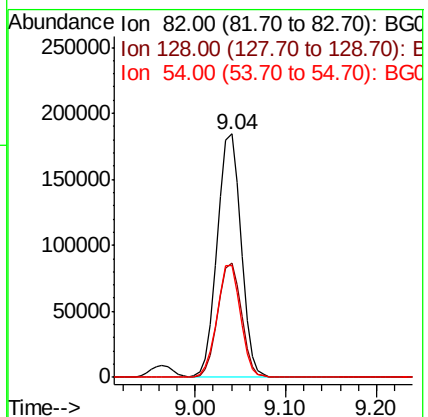
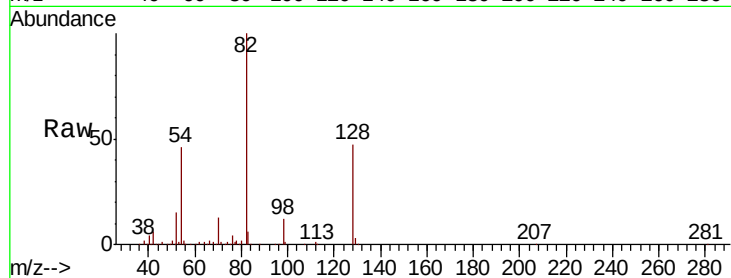
Tot Ion: 82 Resp: 336798

Ion Ratio Lower Upper

82 100

128 46.8 36.5 54.7

54 45.7 38.6 58.0



#24

Nitrobenzene

Concen: 42.006 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

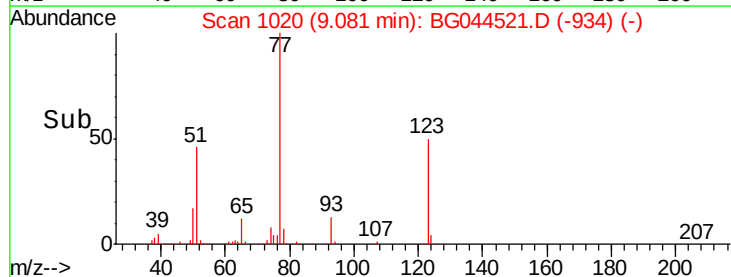
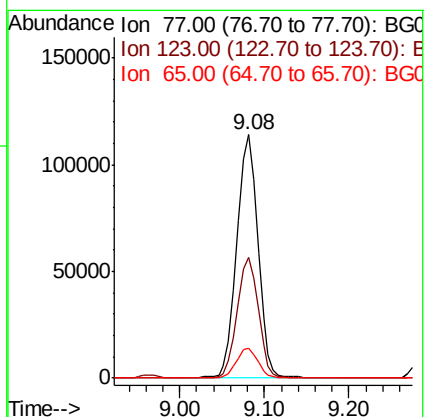
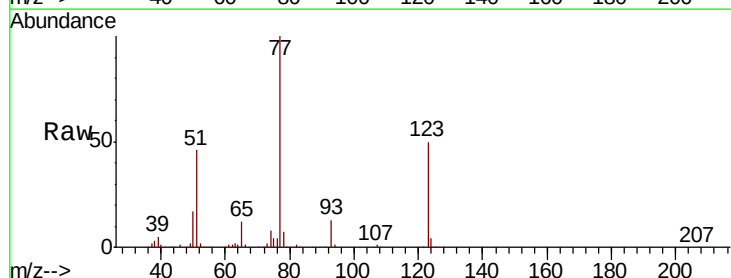
Tgt Ion: 77 Resp: 197651

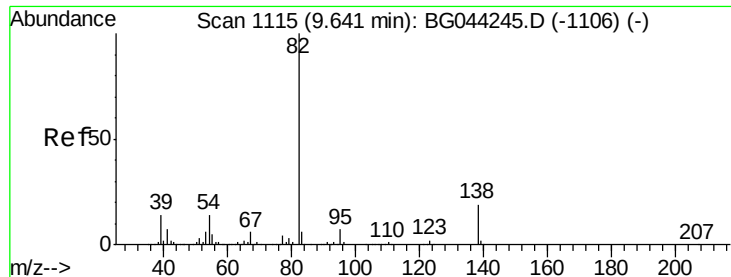
Ion Ratio Lower Upper

77 100

123 49.8 39.9 59.9

65 12.5 10.4 15.6

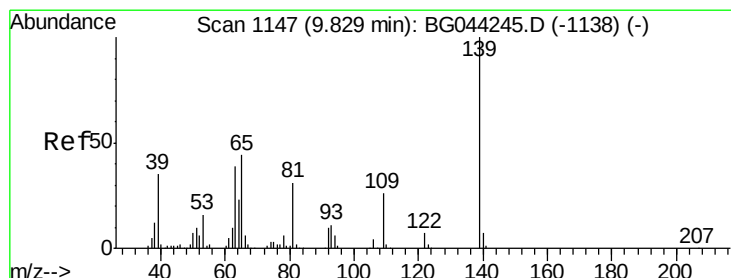
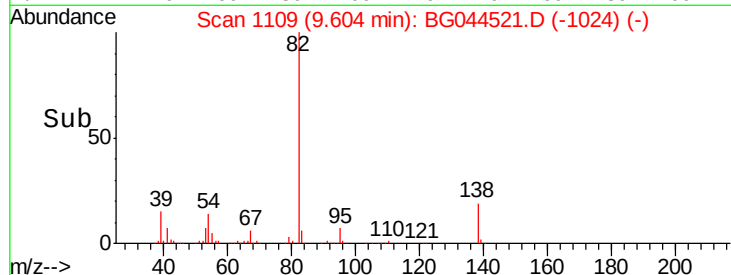
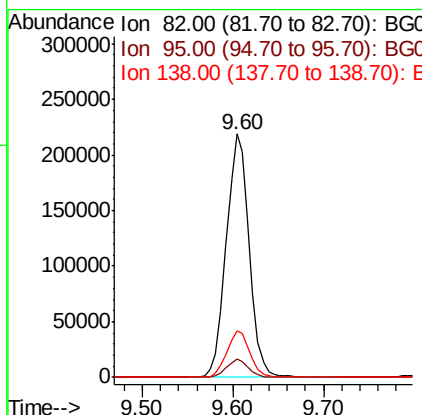
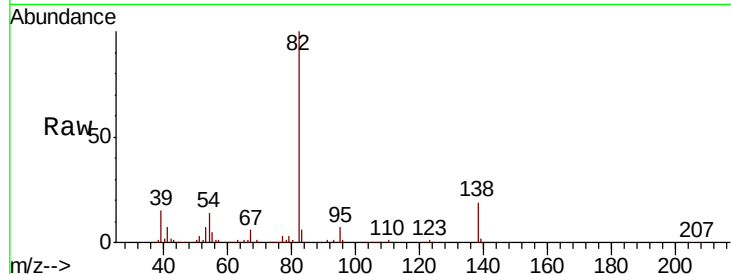




#25
Isophorone
Concen: 42.647 ng
RT: 9.60 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

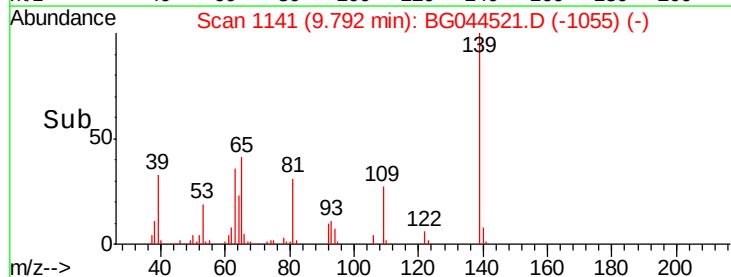
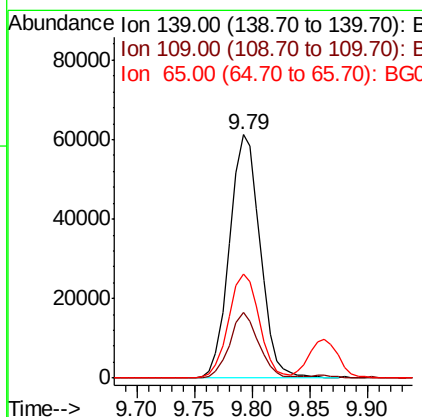
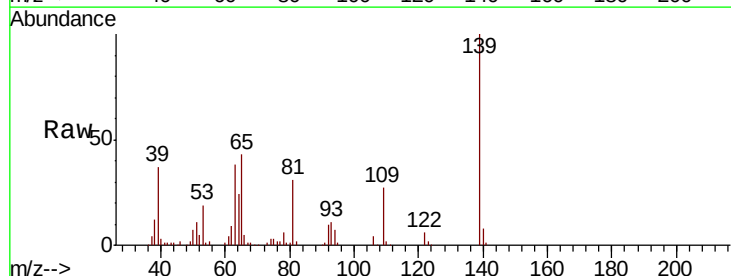
Instrument :
BNA_G
ClientSampled :

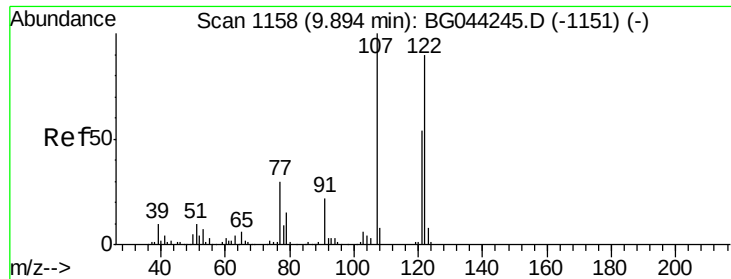
Tot Ion: 82 Resp: 383114
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.9 15.0 22.4



#26
2-Nitrophenol
Concen: 46.039 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion: 139 Resp: 112406
Ion Ratio Lower Upper
139 100
109 27.2 21.0 31.4
65 42.6 35.0 52.4

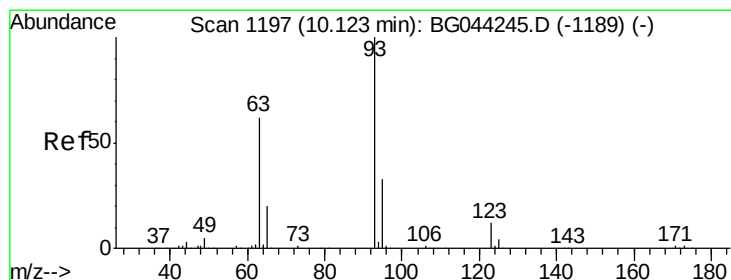
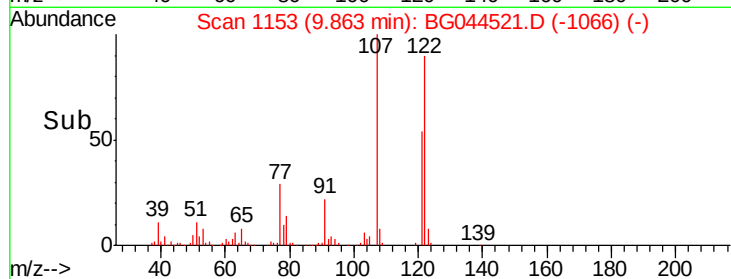
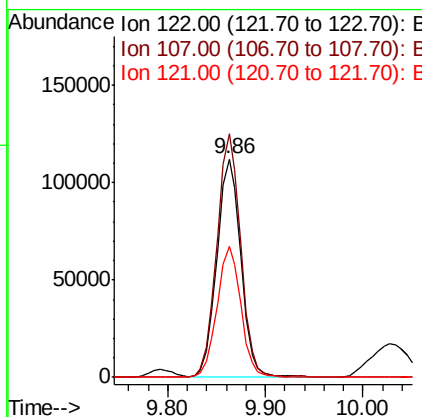
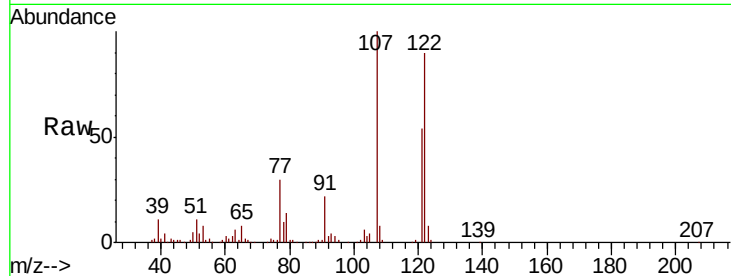




#27
 2,4-Dimethylphenol
 Concen: 55.633 ng
 RT: 9.86 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

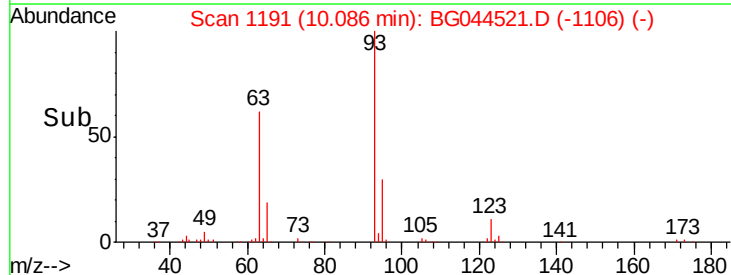
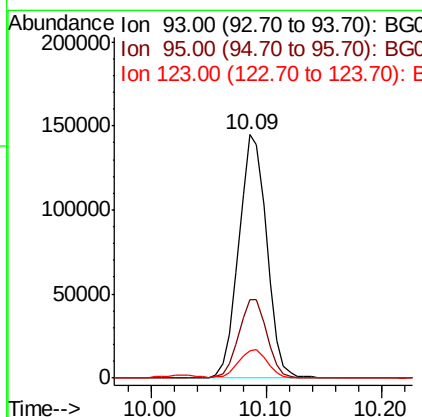
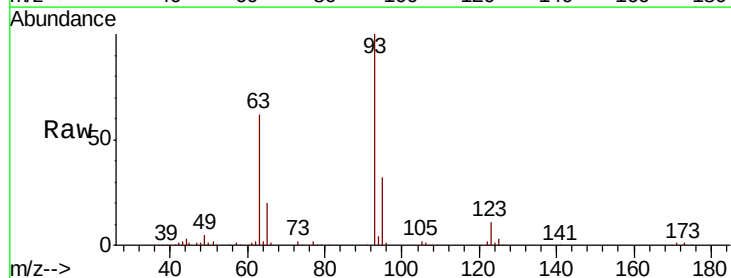
Instrument :
 BNA_G
 ClientSampleId :

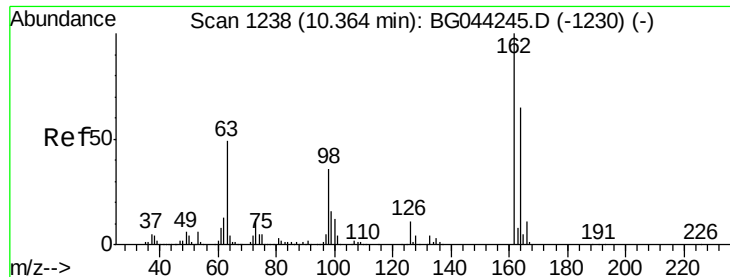
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	88.8	133.2
121	60.2	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.554 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.03 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	40.0
123	11.4	10.0	15.0

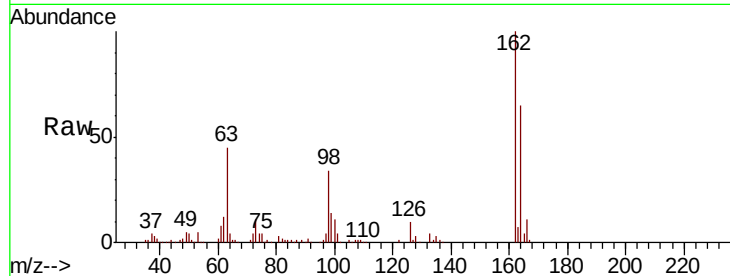




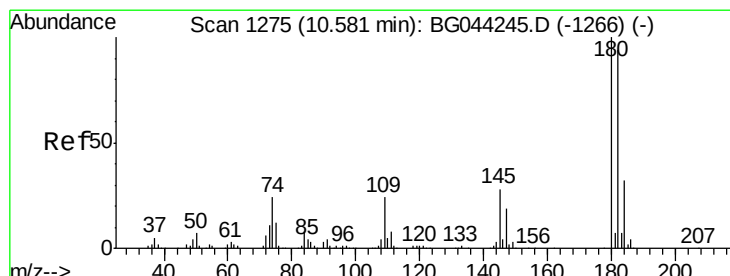
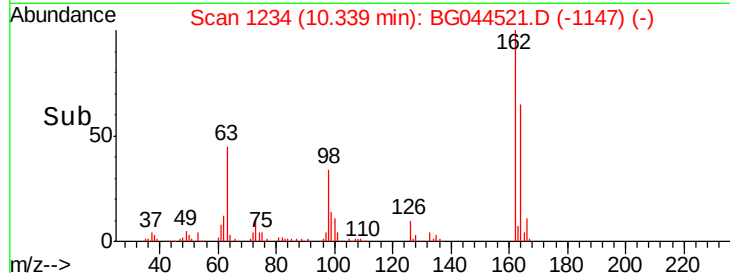
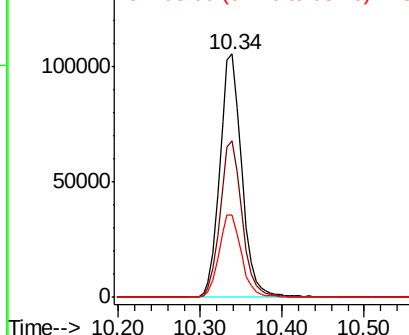
#29
2,4-Dichlorophenol
Concen: 47.591 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.7	84.7
98	34.0	15.8	55.8

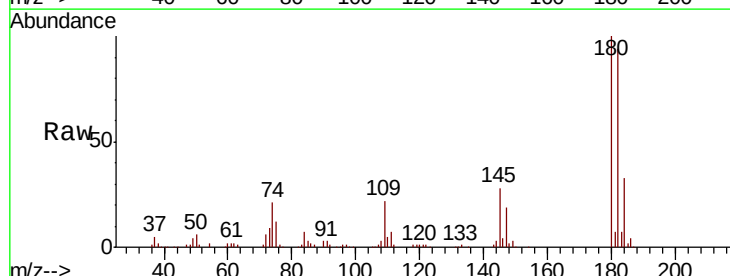


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

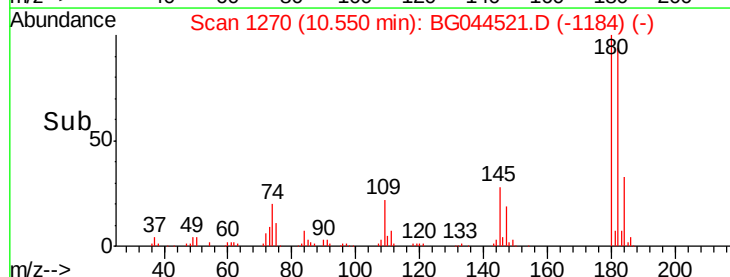
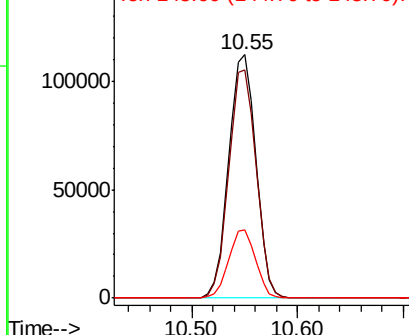


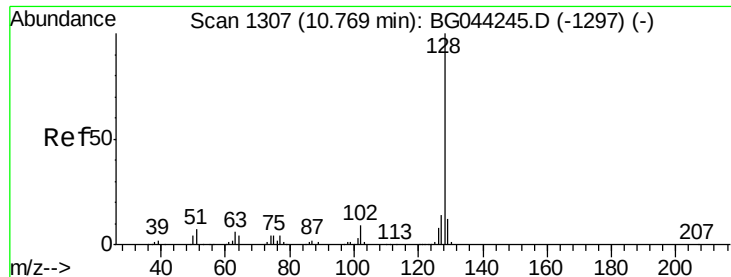
#30
1,2,4-Trichlorobenzene
Concen: 41.681 ng
RT: 10.55 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.5	113.3
145	28.2	22.6	34.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

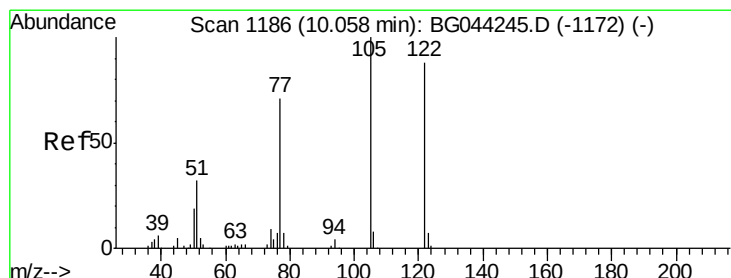
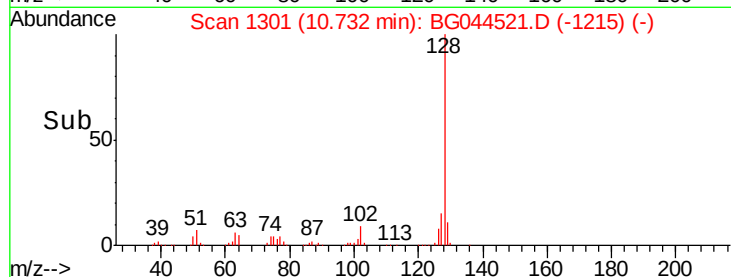
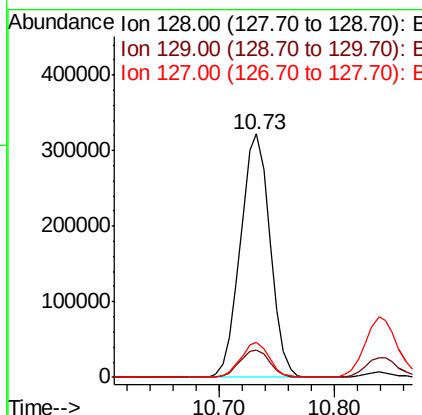
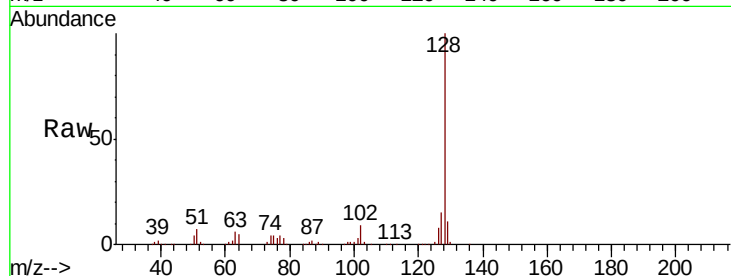




#31
Naphthalene
Concen: 43.569 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

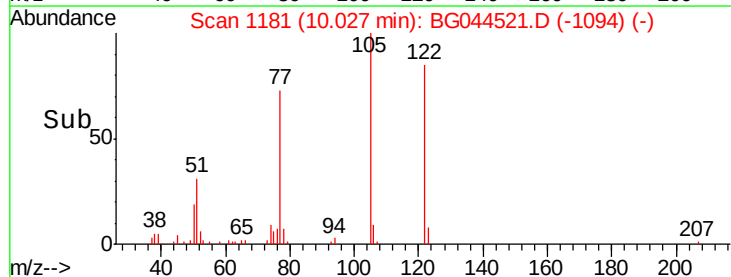
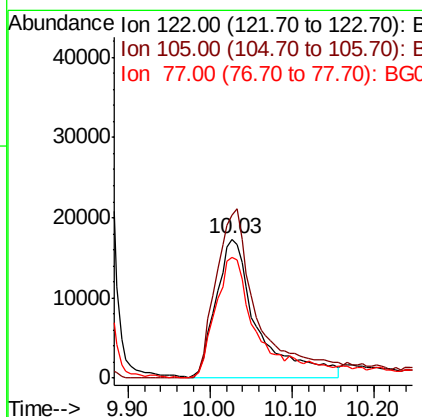
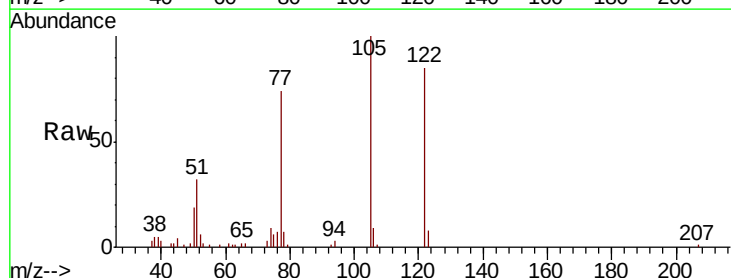
Instrument :
BNA_G
ClientSampleId :

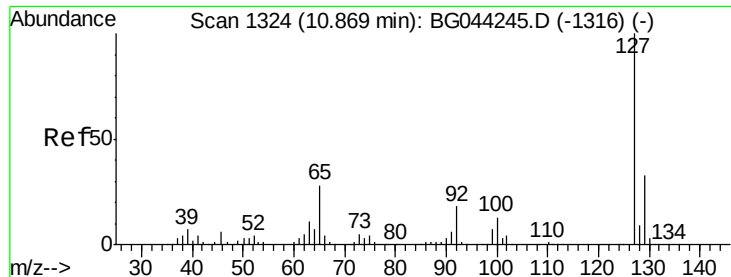
Tot Ion:128 Resp: 575182
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 14.5 11.6 17.4



#32
Benzoic acid
Concen: 33.338 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:122 Resp: 61740
Ion Ratio Lower Upper
122 100
105 117.4 93.5 133.5
77 87.0 61.0 101.0

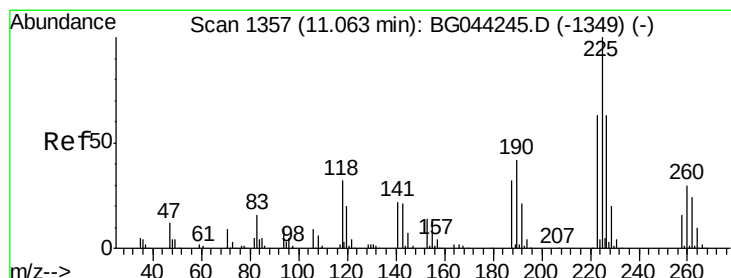
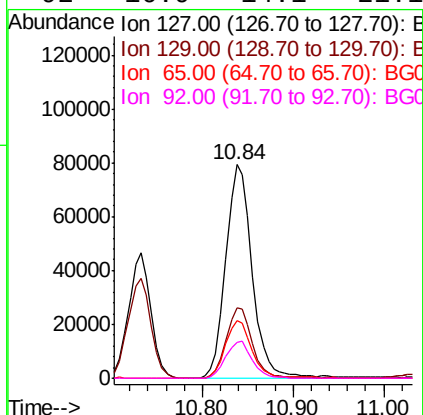
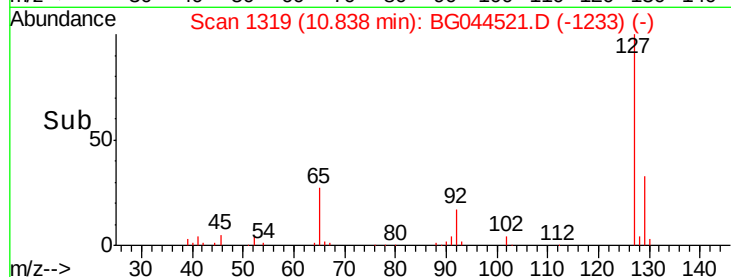
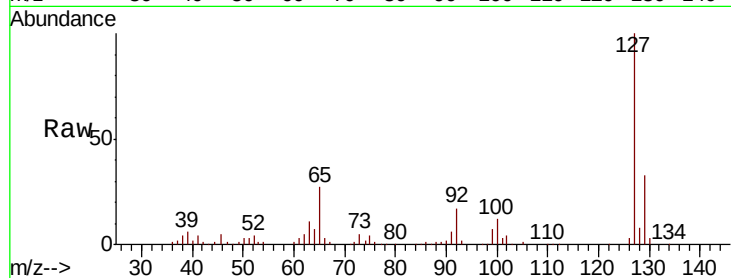




#33
4-Chloroaniline
Concen: 26.779 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

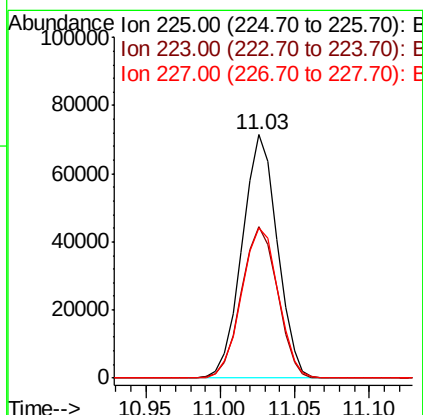
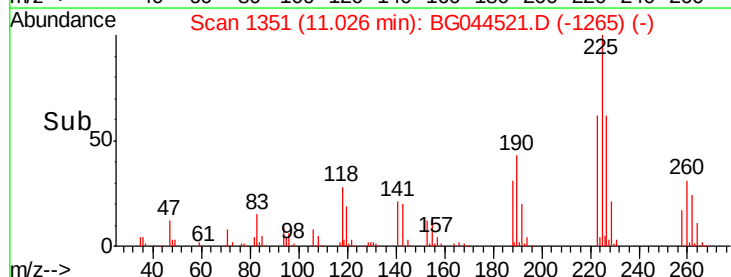
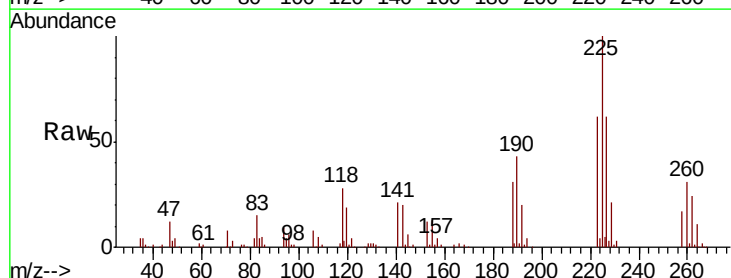
Instrument :
BNA_G
ClientSampled :

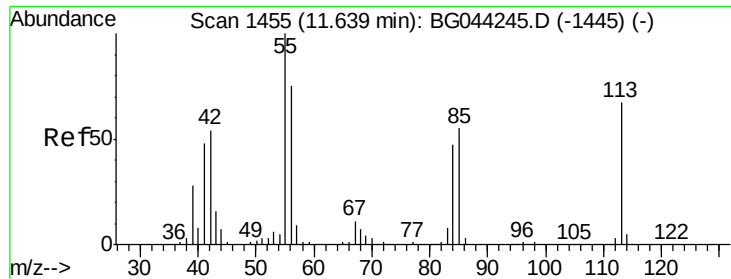
Tot Ion:127	Resp:	160788
Ion	Ratio	Lower Upper
127	100	
129	32.8	26.6 40.0
65	27.2	22.5 33.7
92	16.9	14.1 21.1



#34
Hexachlorobutadiene
Concen: 39.671 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:225	Resp:	116647
Ion	Ratio	Lower Upper
225	100	
223	62.0	50.2 75.4
227	61.7	50.8 76.2

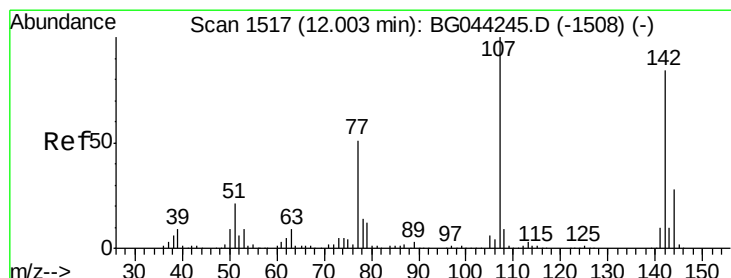
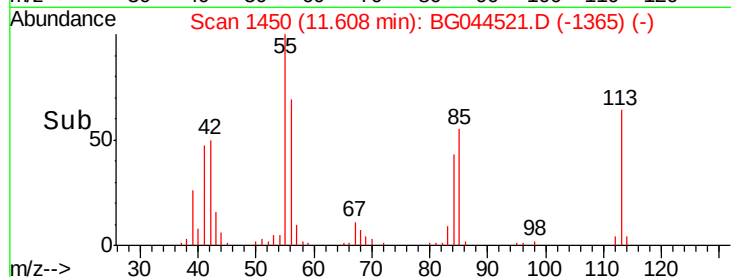
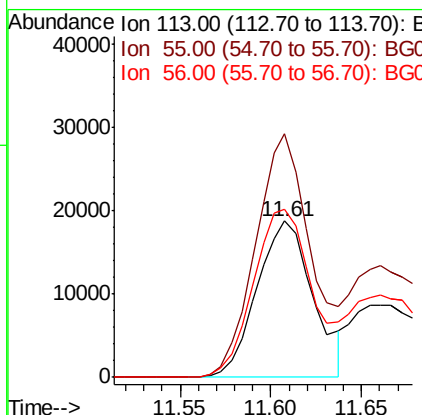
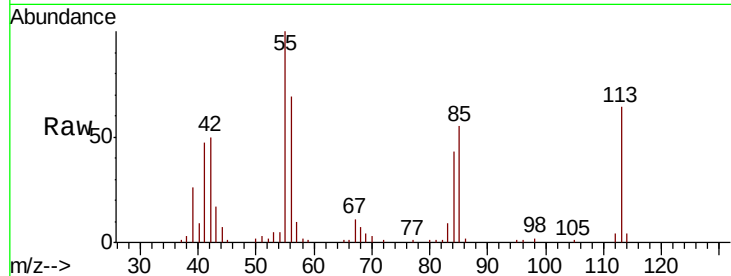




#35
Caprolactam
Concen: 26.371 ng
RT: 11.61 min Scan# 1450
Delta R.T. -0.03 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

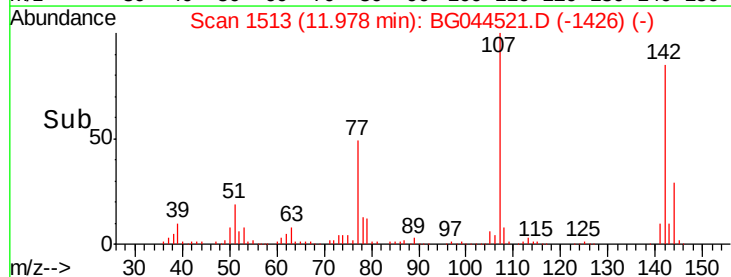
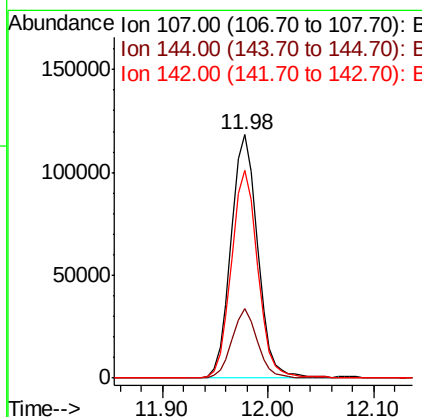
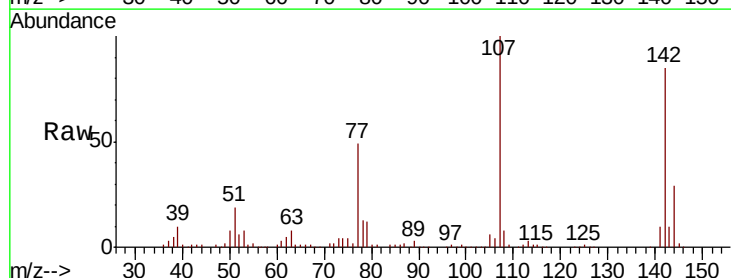
Instrument :
BNA_G
ClientSampled :

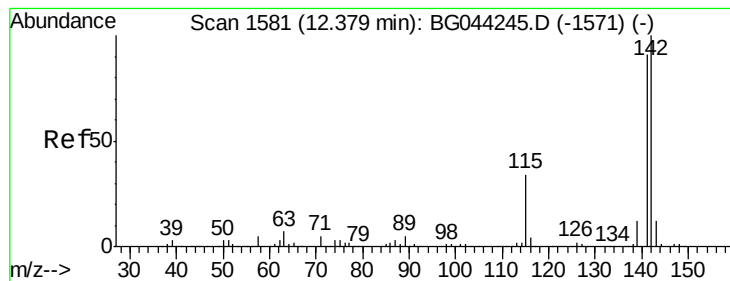
Tot Ion:113 Resp: 40257
Ion Ratio Lower Upper
113 100
55 155.8 129.9 169.9
56 107.6 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 47.304 ng
RT: 11.98 min Scan# 1513
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:107 Resp: 206685
Ion Ratio Lower Upper
107 100
144 28.6 22.2 33.4
142 85.2 67.4 101.0





#37

2-Methylnaphthalene

Concen: 44.150 ng

RT: 12.34 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

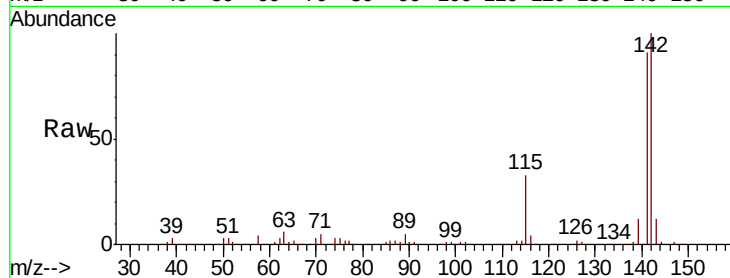
Tot Ion:142 Resp: 432762

Ion Ratio Lower Upper

142 100

141 90.6 73.2 109.8

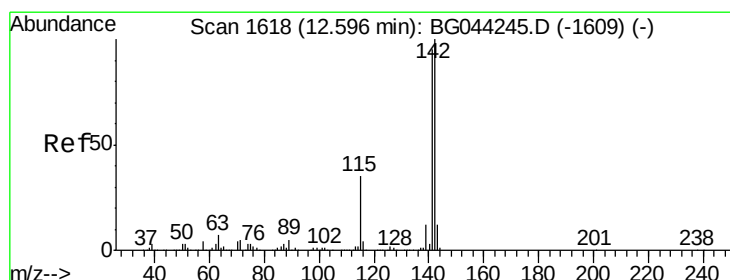
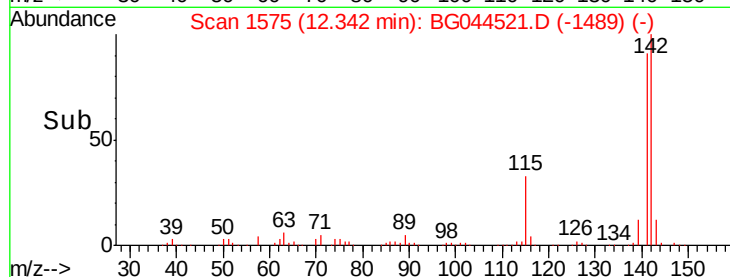
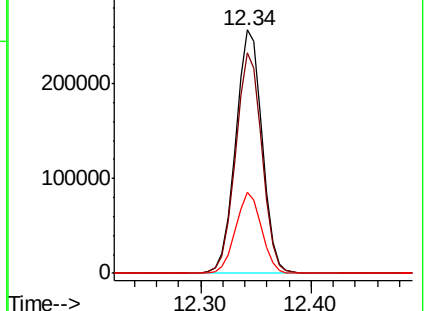
115 33.4 27.1 40.7



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: 44.037 ng

RT: 12.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

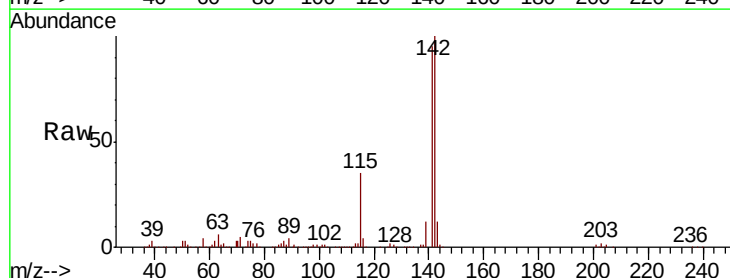
Tgt Ion:142 Resp: 406950

Ion Ratio Lower Upper

142 100

141 95.0 75.8 113.6

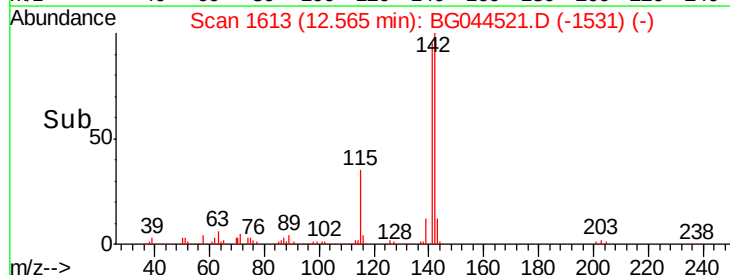
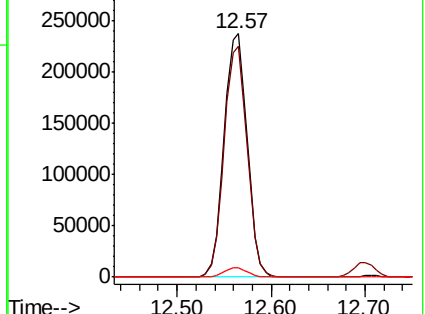
116 3.6 3.1 4.7

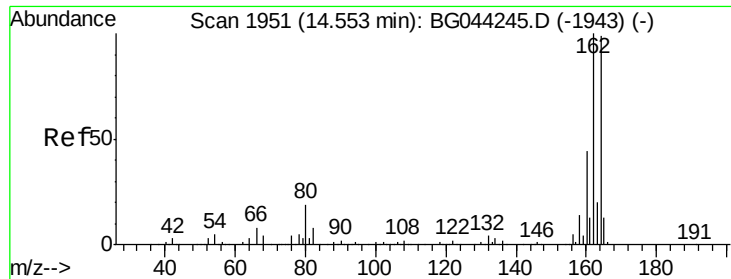


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

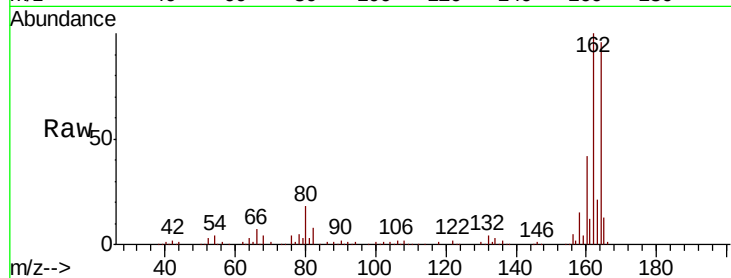
Tot Ion:164 Resp: 182818

Ion Ratio Lower Upper

164 100

162 104.1 80.7 121.1

160 43.5 35.3 52.9

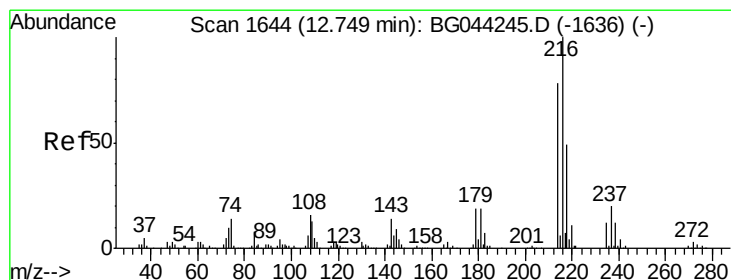
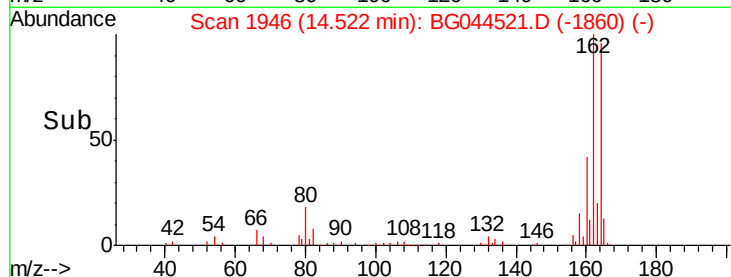
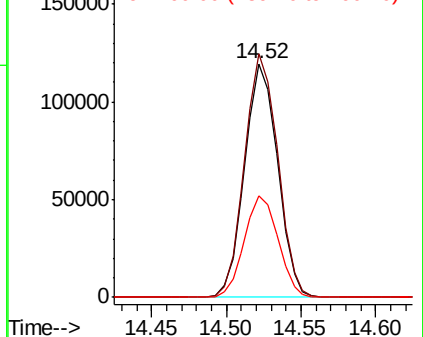


Abundance

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: 39.969 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:216 Resp: 218576

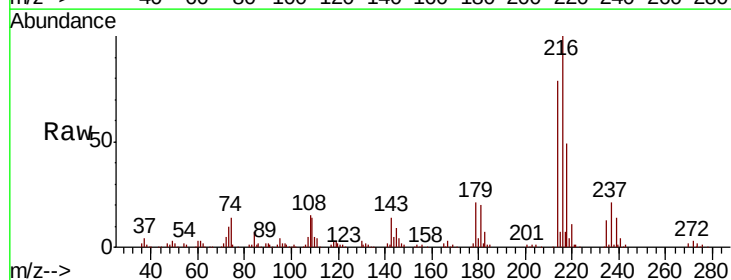
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.6

179 20.3 16.2 24.4

108 17.4 13.5 20.3



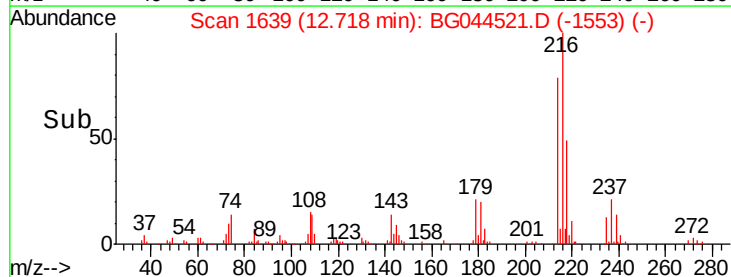
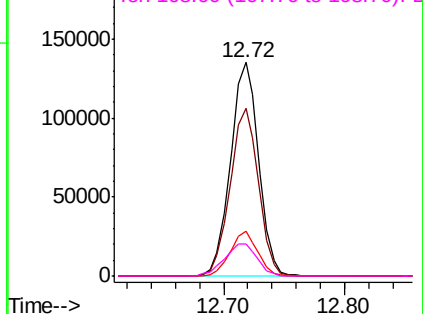
Abundance

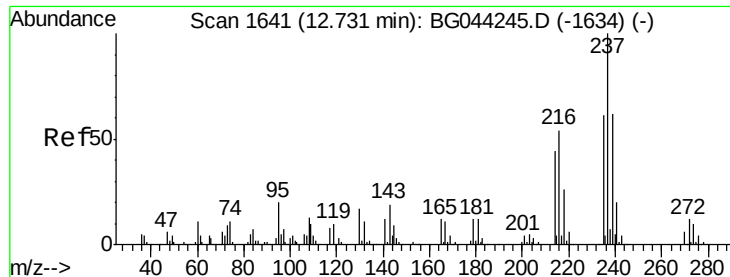
Ion 216.00 (215.70 to 216.70): E

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: 76.866 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

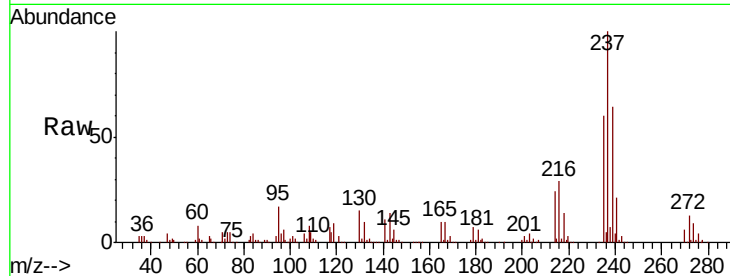
Tot Ion:237 Resp: 201698

Ion Ratio Lower Upper

237 100

235 60.3 41.2 81.2

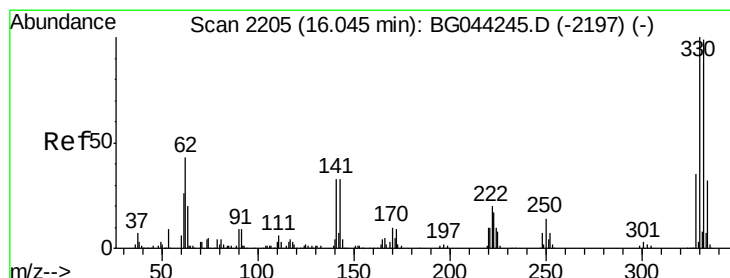
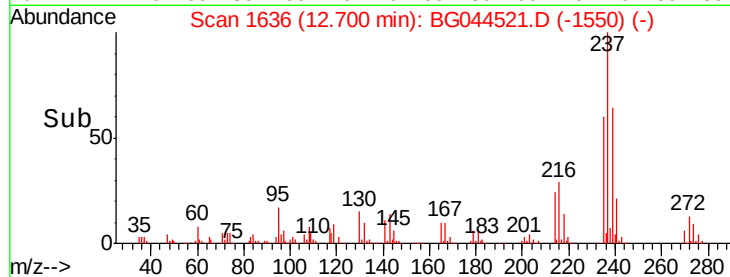
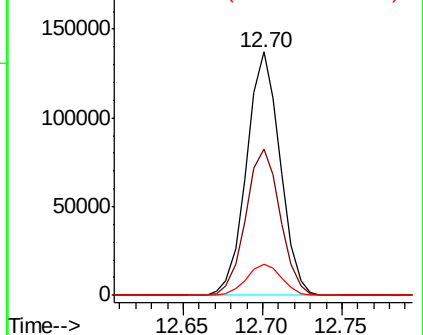
272 12.7 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.528 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

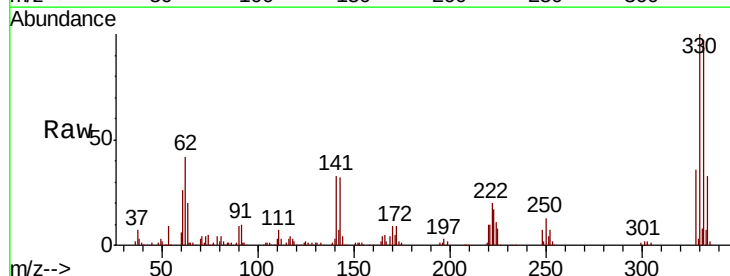
Tgt Ion:330 Resp: 275845

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

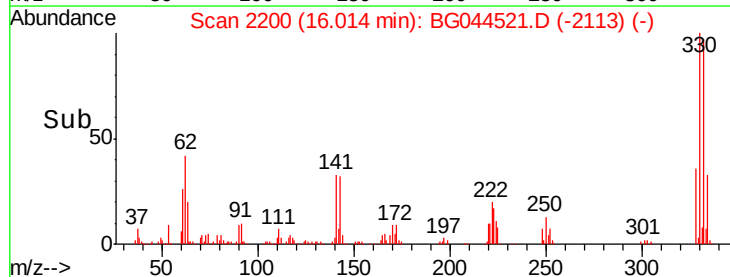
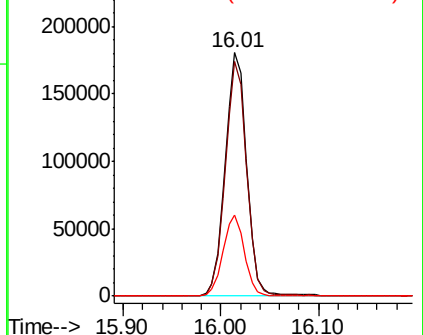
141 33.1 28.3 42.5

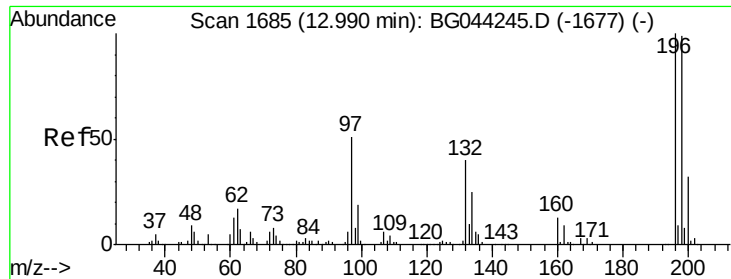


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

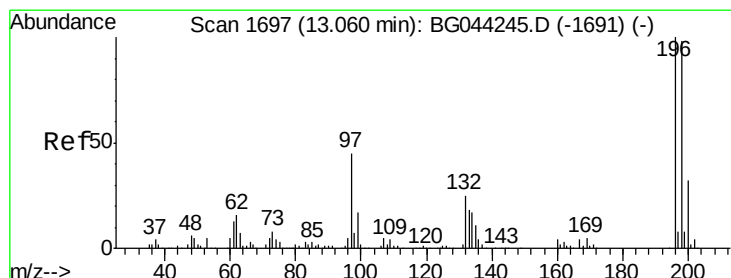
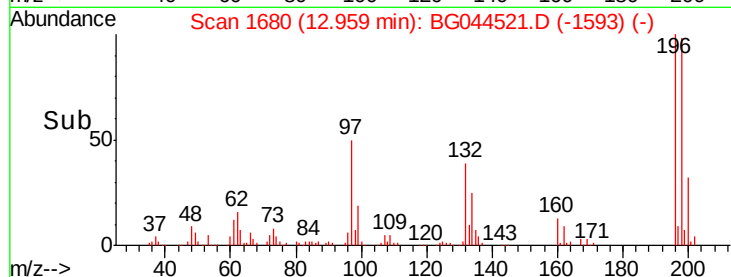
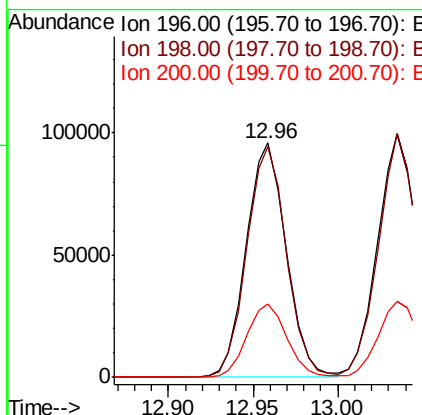
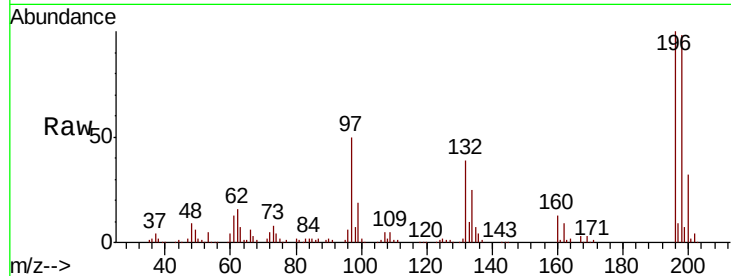




#43
 2,4,6-Trichlorophenol
 Concen: 44.606 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

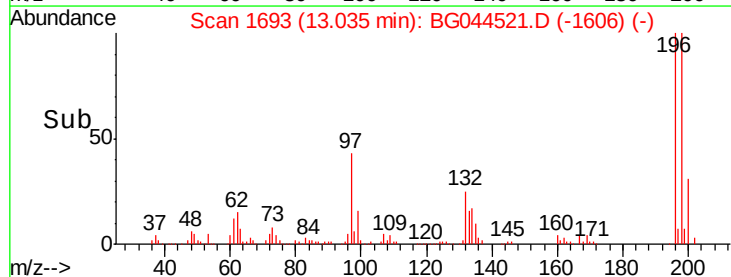
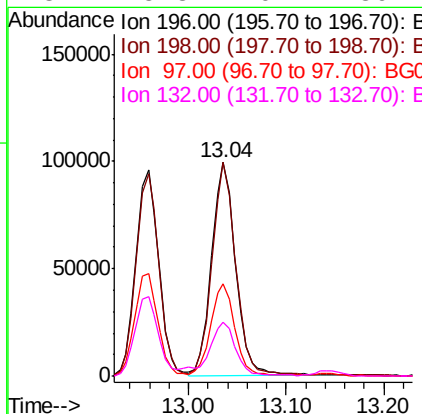
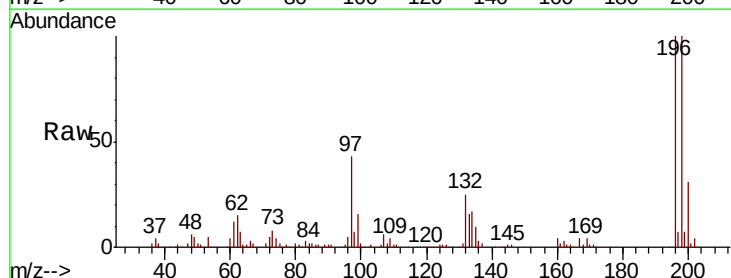
Instrument :
 BNA_G
 ClientSampleId :

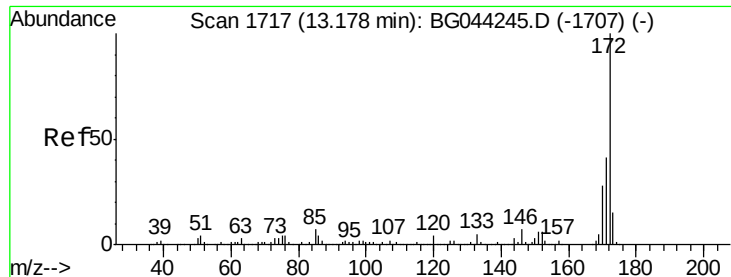
Tot Ion:196 Resp: 157674
 Ion Ratio Lower Upper
 196 100
 198 98.4 79.3 118.9
 200 31.5 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 46.949 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion:196 Resp: 169506
 Ion Ratio Lower Upper
 196 100
 198 99.8 78.2 117.2
 97 43.1 36.2 54.4
 132 25.3 20.2 30.4

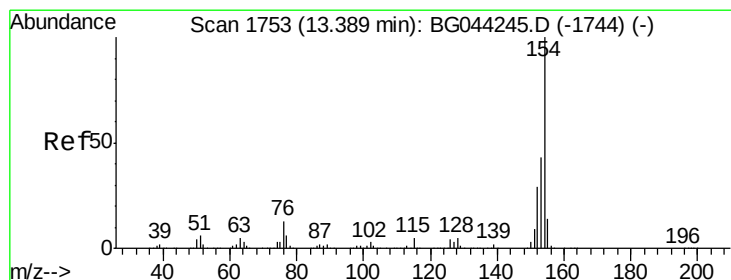
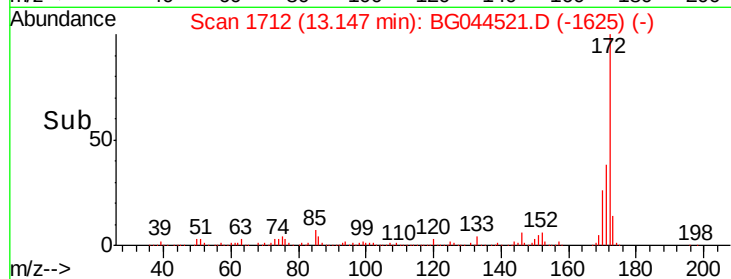
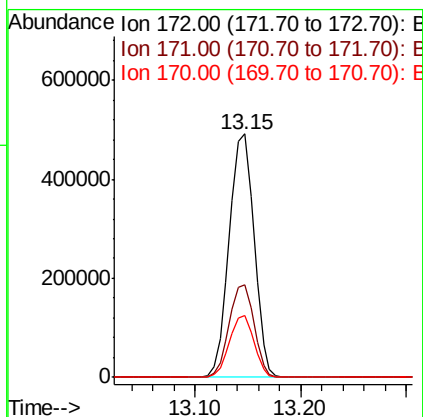
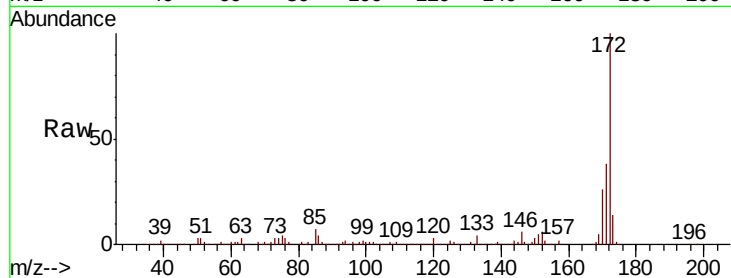




#45
2-Fluorobiphenyl
Concen: 73.346 ng
RT: 13.15 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

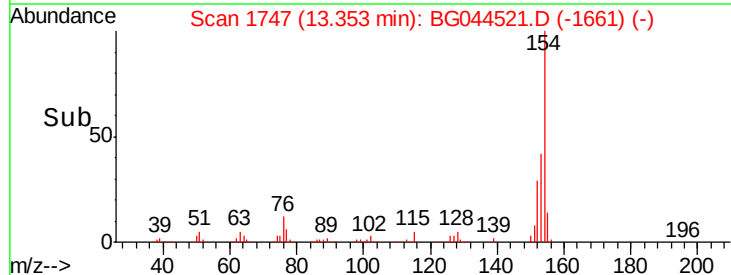
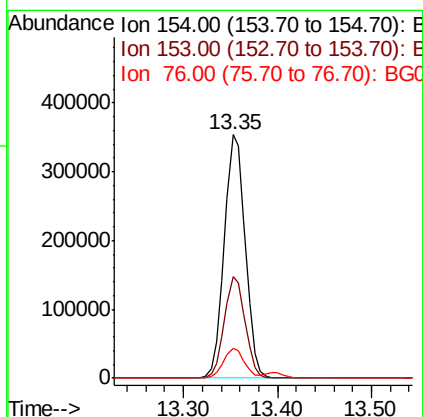
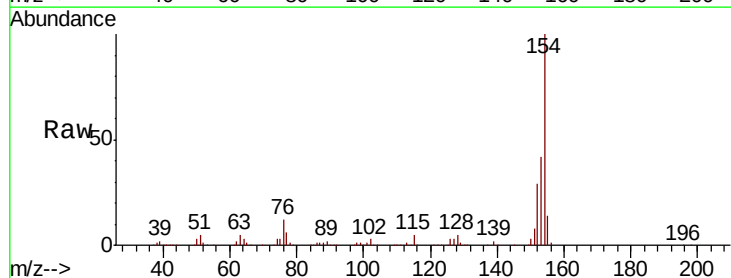
Instrument :
BNA_G
ClientSampleId :

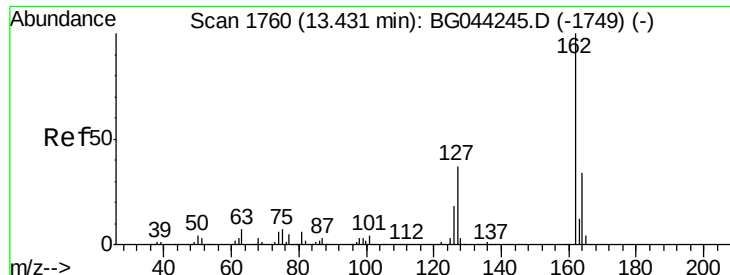
Tot Ion:172 Resp: 800753
Ion Ratio Lower Upper
172 100
171 38.2 32.9 49.3
170 25.7 22.0 33.0



#46
1,1'-Biphenyl
Concen: 41.570 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:154 Resp: 548175
Ion Ratio Lower Upper
154 100
153 41.9 22.7 62.7
76 12.4 0.0 32.9

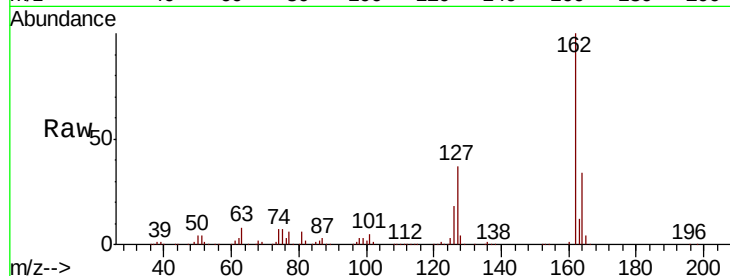




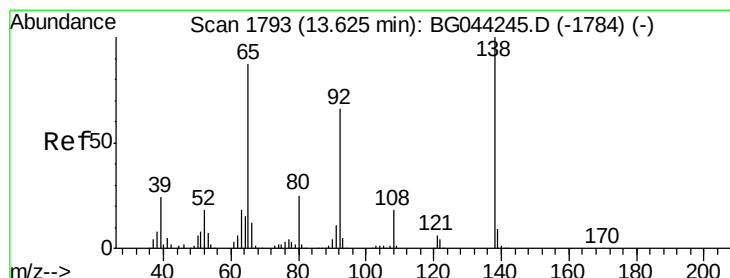
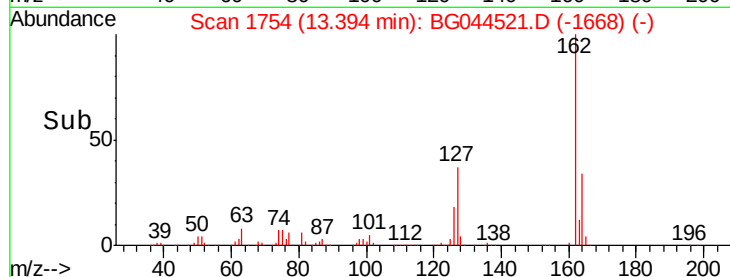
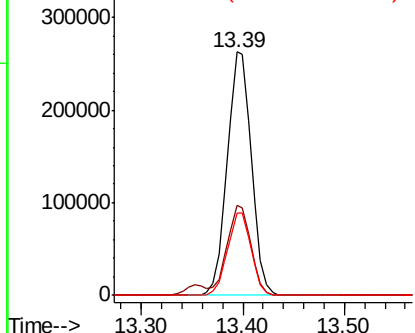
#47
2-Chloronaphthalene
Concen: 41.238 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.0	45.0
164	33.8	27.2	40.8

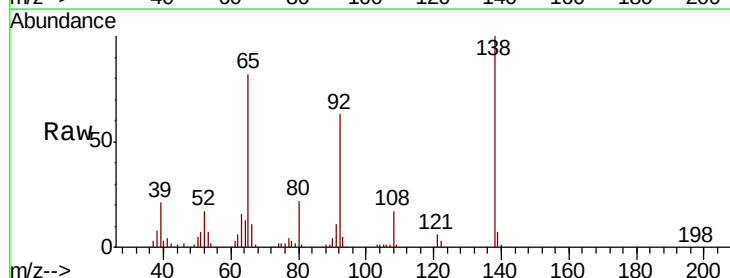


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

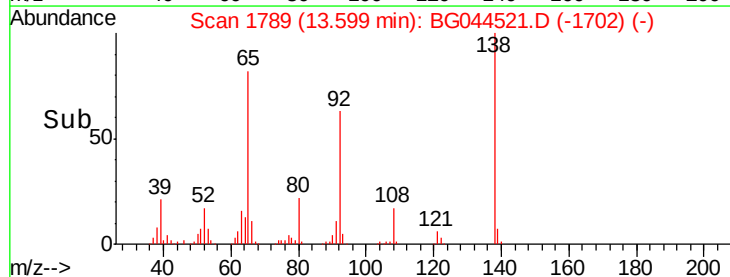
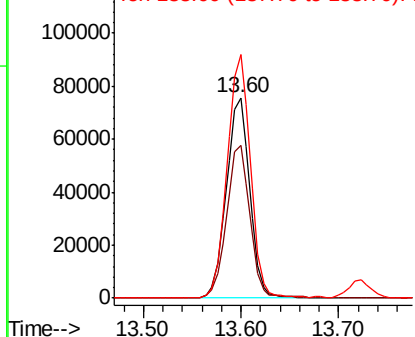


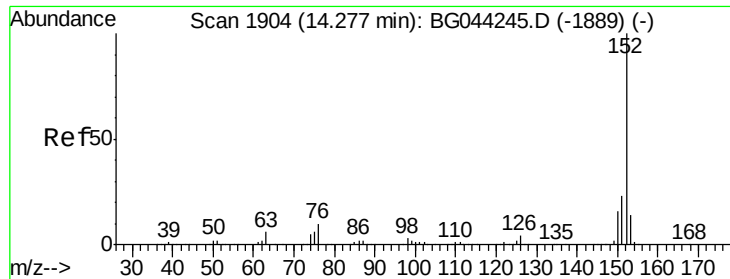
#48
2-Nitroaniline
Concen: 40.810 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	60.3	90.5
138	121.5	91.9	137.9



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





#49

Acenaphthylene

Concen: 44.691 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

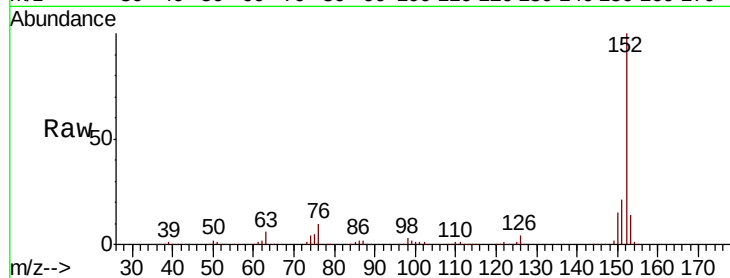
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 687838

Ion	Ratio	Lower	Upper
152	100		
151	21.4	18.1	27.1
153	14.1	11.5	17.3

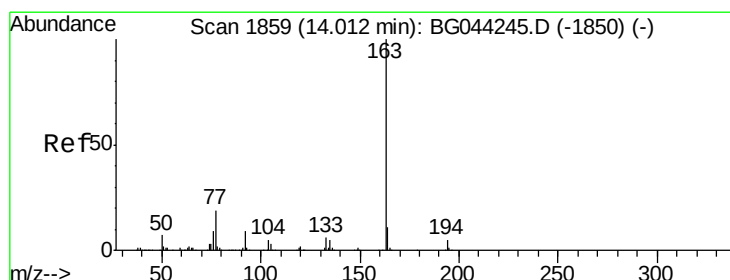
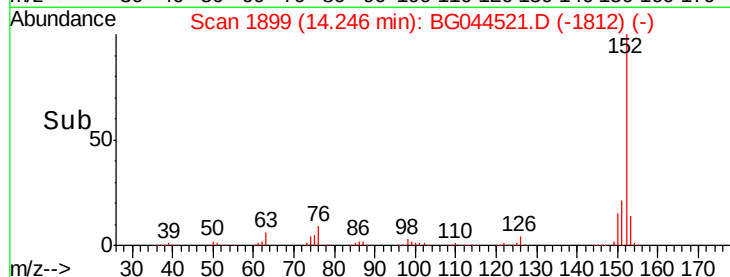
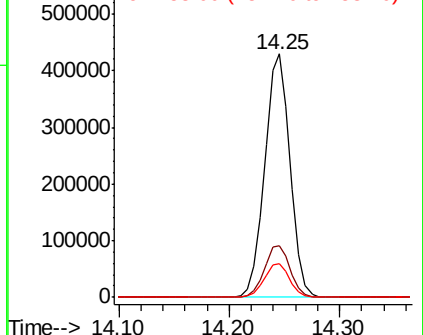


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.156 ng

RT: 13.98 min Scan# 1854

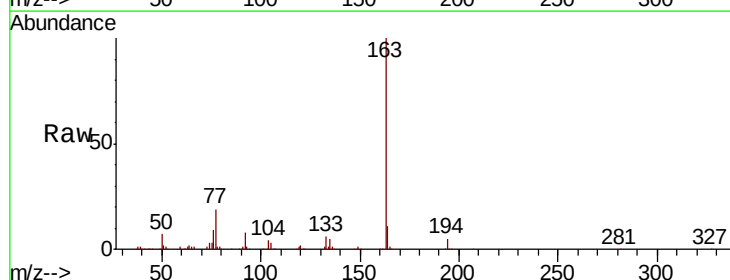
Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Tgt Ion:163 Resp: 553992

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.5	8.7	13.1

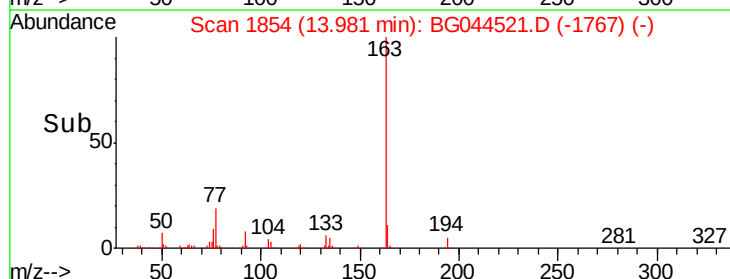
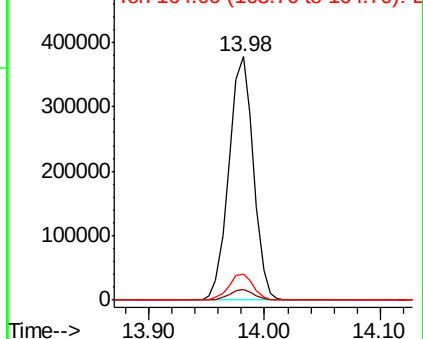


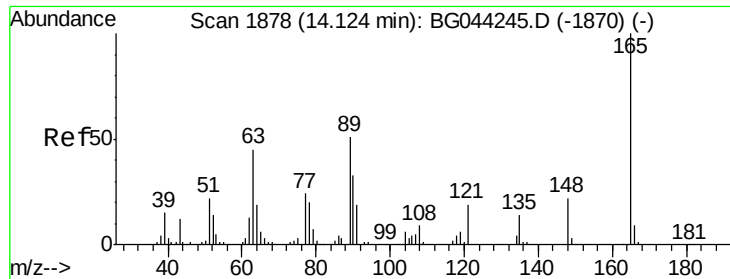
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.783 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

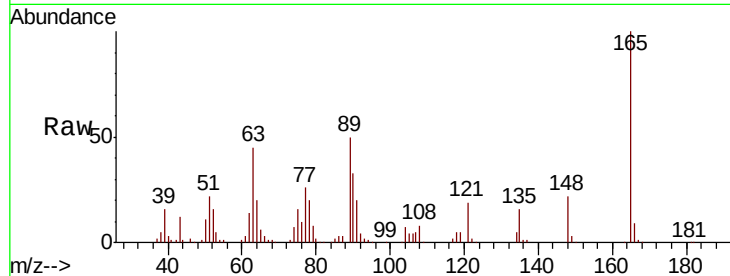
Tot Ion:165 Resp: 128288

Ion Ratio Lower Upper

165 100

63 45.2 38.7 58.1

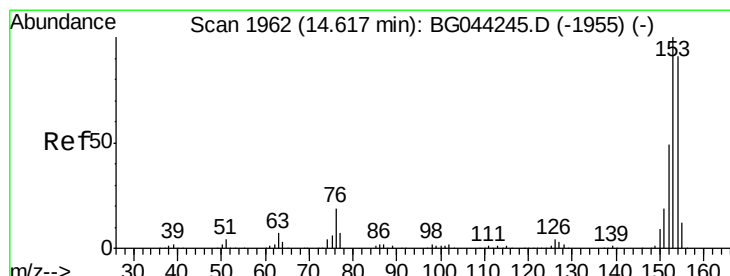
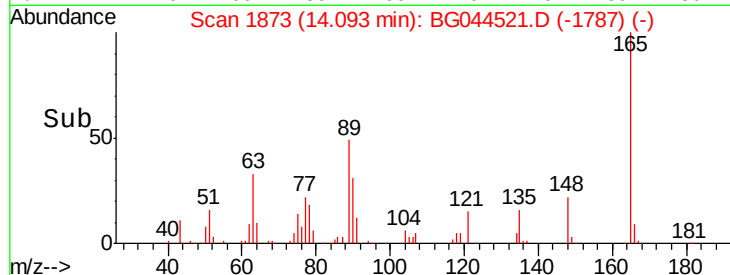
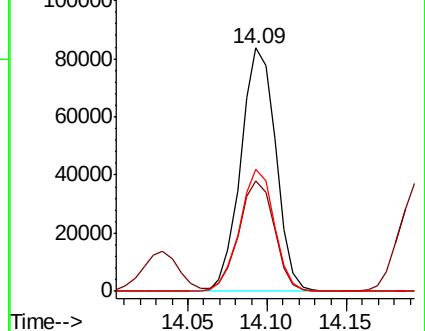
89 50.1 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.884 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

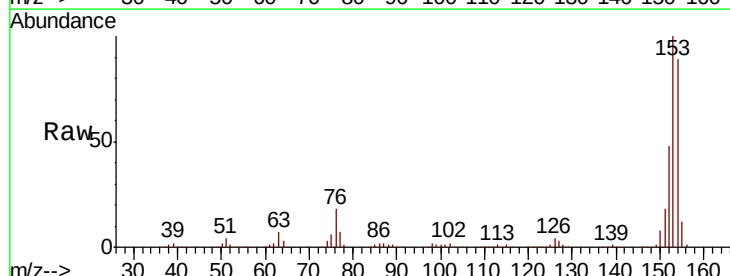
Tgt Ion:154 Resp: 417833

Ion Ratio Lower Upper

154 100

153 111.8 87.9 131.9

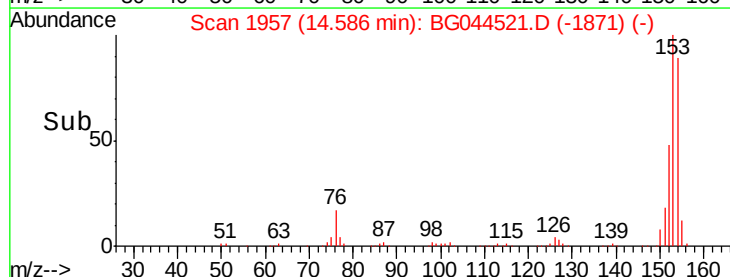
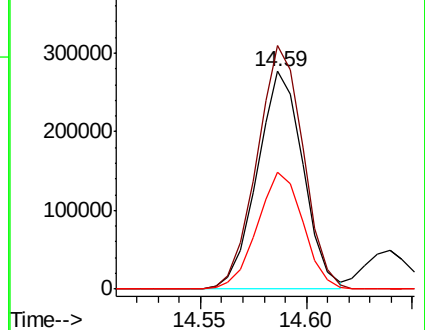
152 53.7 43.1 64.7

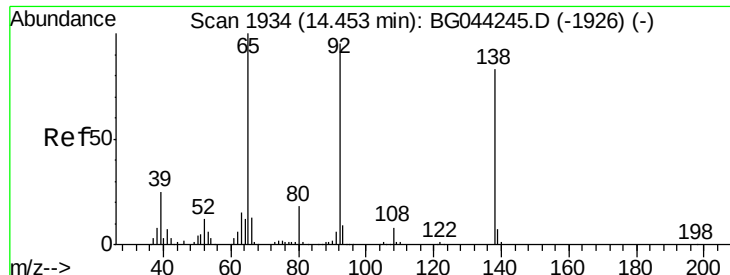


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

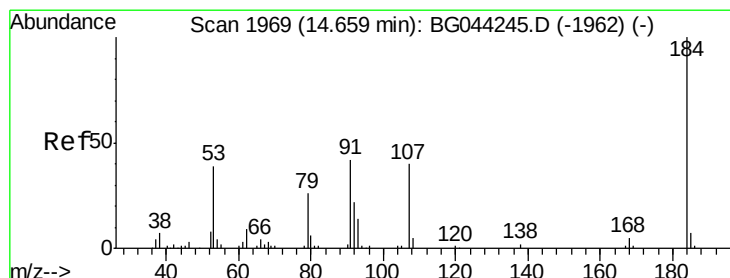
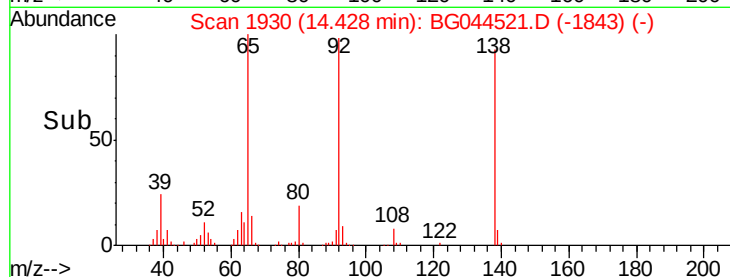
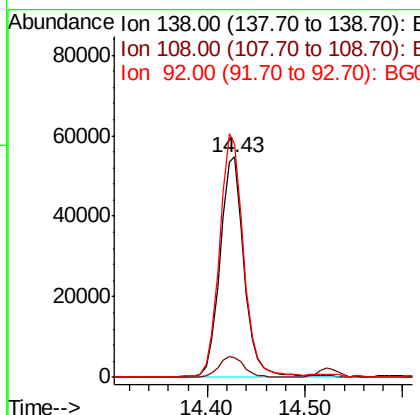
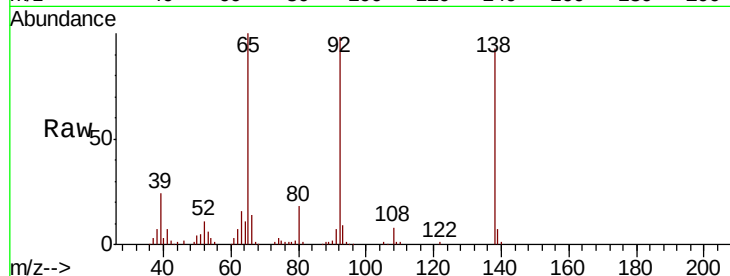




#53
 3-Nitroaniline
 Concen: 28.870 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

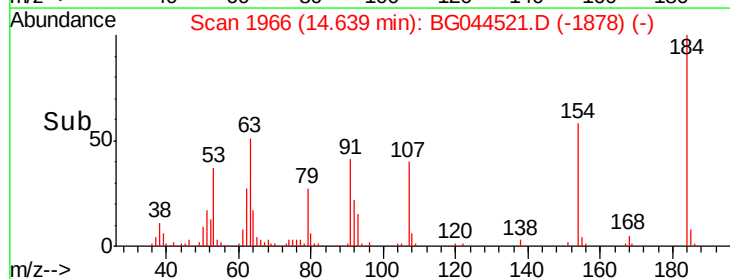
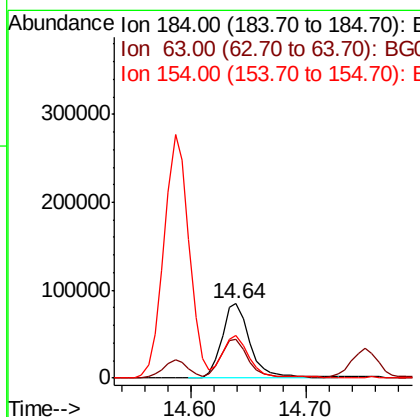
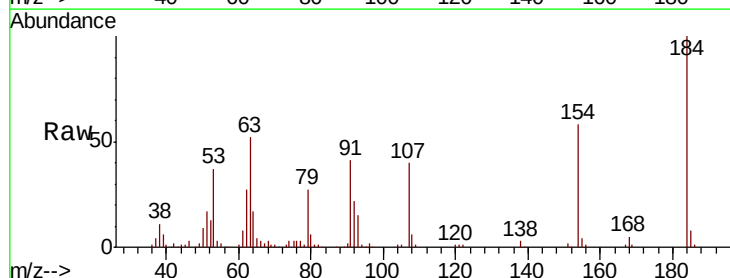
Instrument :
 BNA_G
 ClientSampleId :

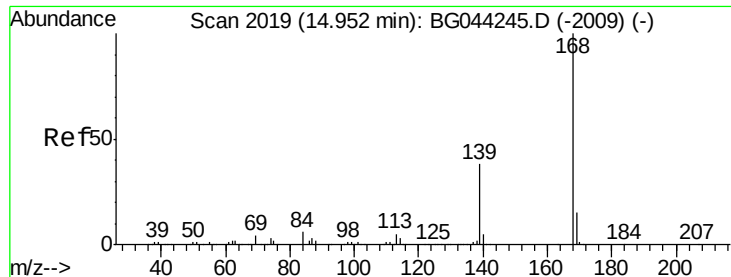
Tot Ion:138 Resp: 93589
 Ion Ratio Lower Upper
 138 100
 108 8.8 7.9 11.9
 92 105.7 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 82.763 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion:184 Resp: 144199
 Ion Ratio Lower Upper
 184 100
 63 51.7 44.1 66.1
 154 57.7 45.4 68.0

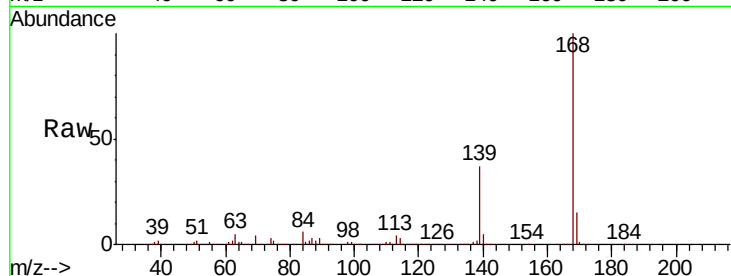




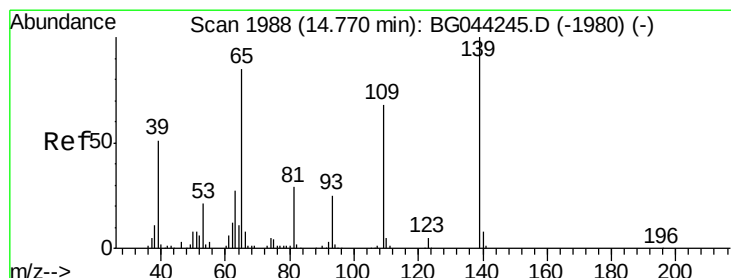
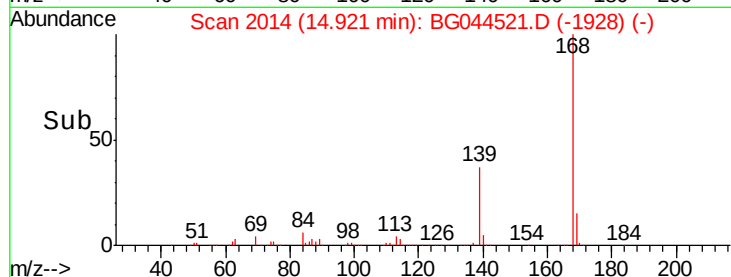
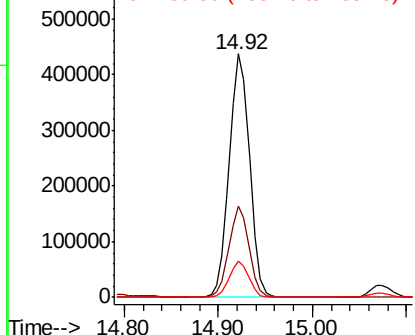
#55
Dibenzofuran
Concen: 43.622 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 658880
Ion Ratio Lower Upper
168 100
139 37.4 30.5 45.7
169 14.7 11.7 17.5

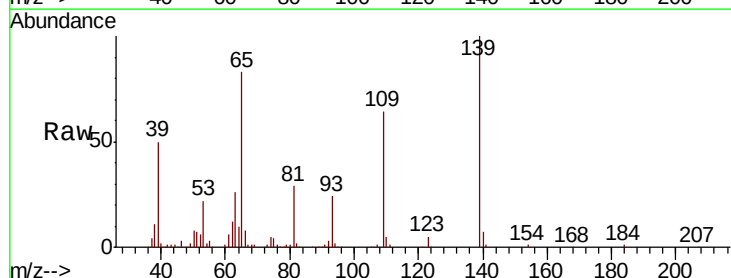


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

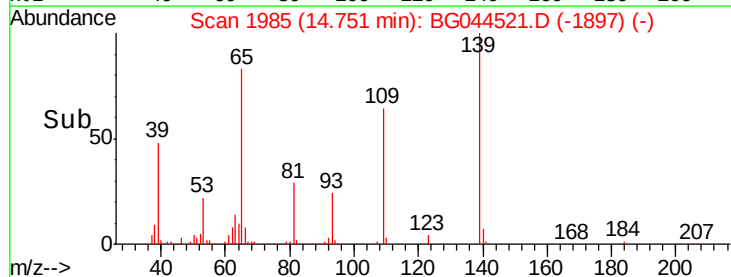
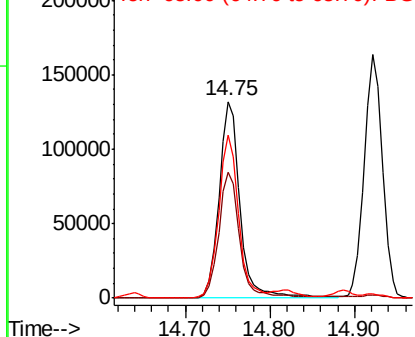


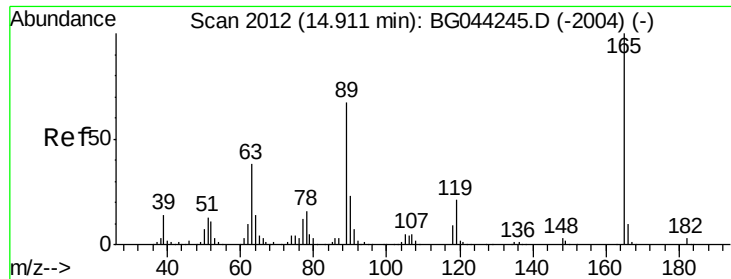
#56
4-Nitrophenol
Concen: 96.848 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:139 Resp: 229974
Ion Ratio Lower Upper
139 100
109 64.3 47.5 87.5
65 82.8 64.9 104.9



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

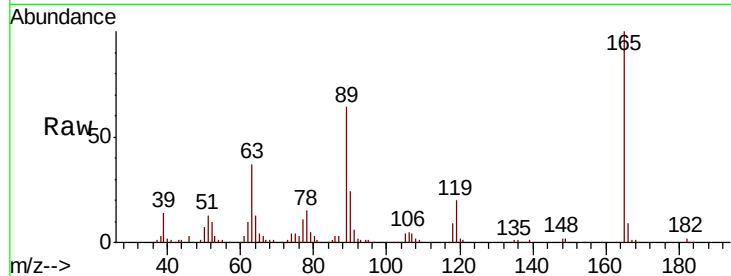




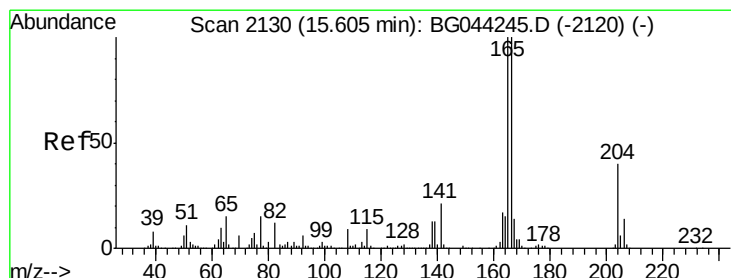
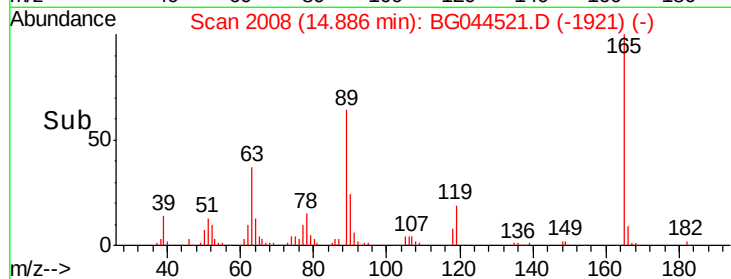
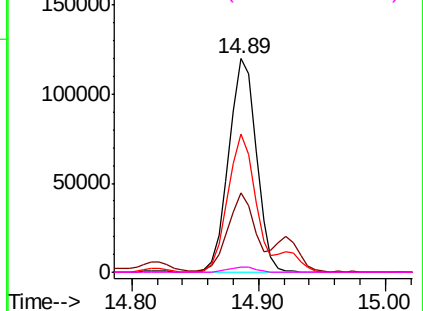
#57
 2,4-Dinitrotoluene
 Concen: 44.009 ng
 RT: 14.89 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	180736
Ion Ratio	Lower	Upper
165	100	
63	37.1	30.3 45.5
89	64.5	53.4 80.2
182	2.2	2.1 3.1

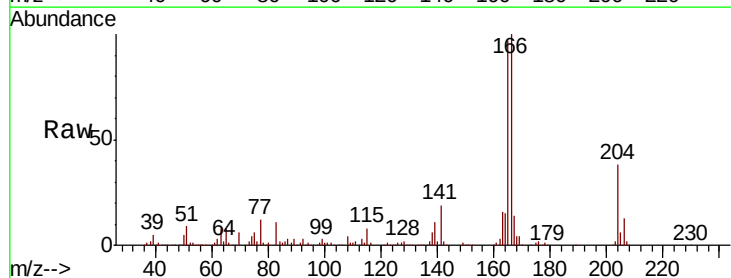


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

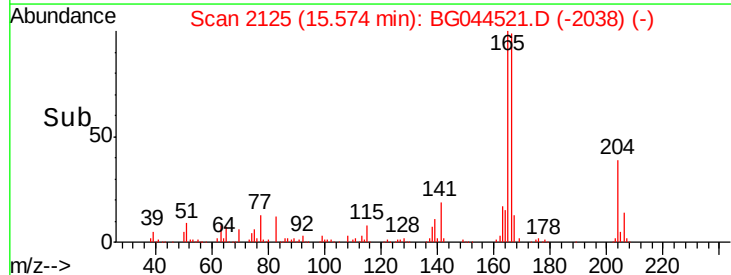
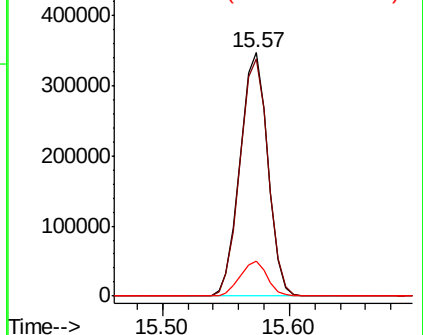


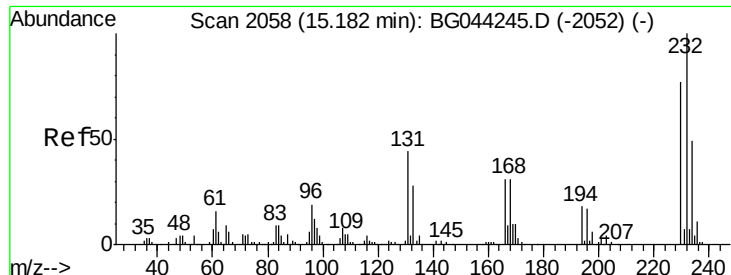
#58
 Fluorene
 Concen: 44.326 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion:166	Resp:	527328
Ion Ratio	Lower	Upper
166	100	
165	97.2	79.9 119.9
167	14.1	11.4 17.0



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

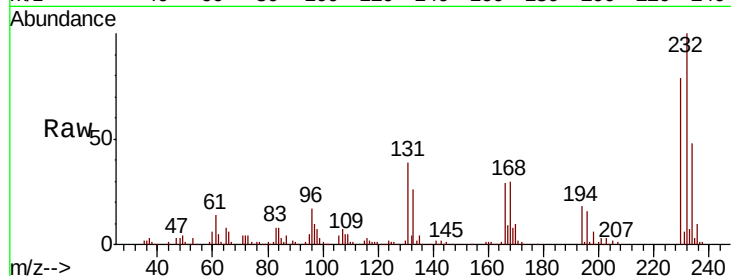




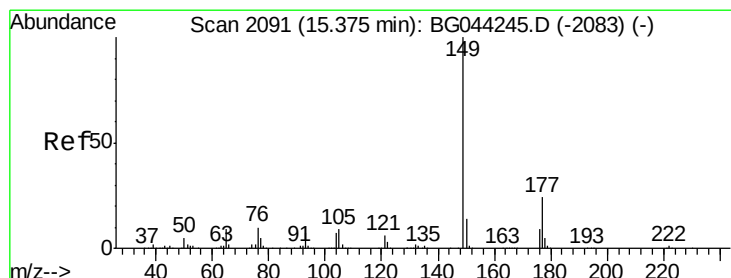
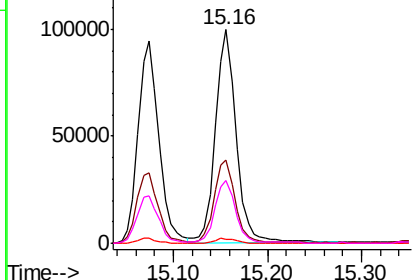
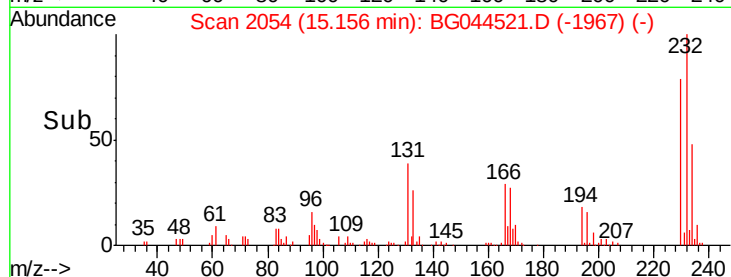
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.095 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	153585
Ion Ratio	Lower	Upper
232	100	
131	39.8	34.2 51.4
130	2.3	1.8 2.8
166	28.7	23.8 35.8

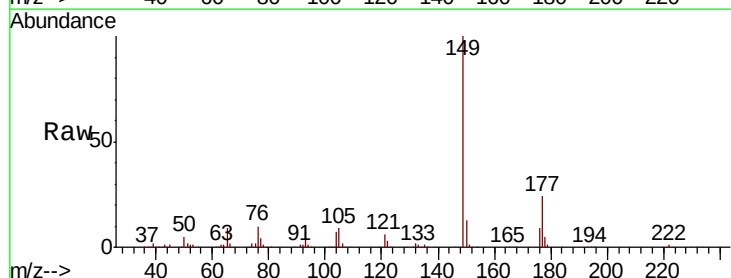


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

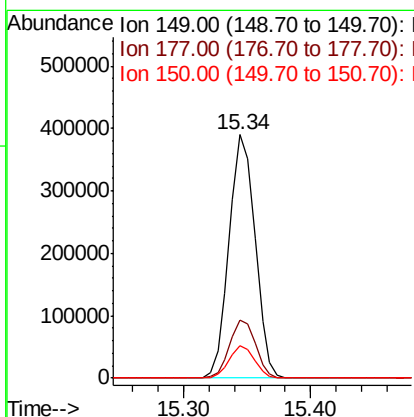
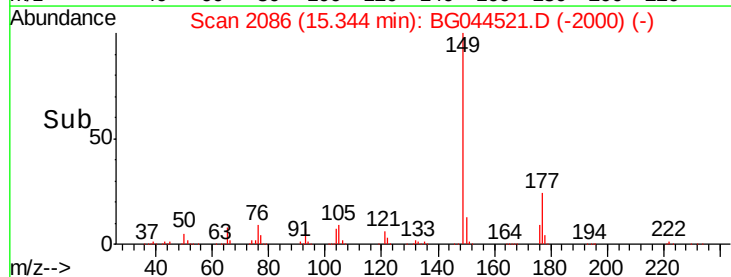


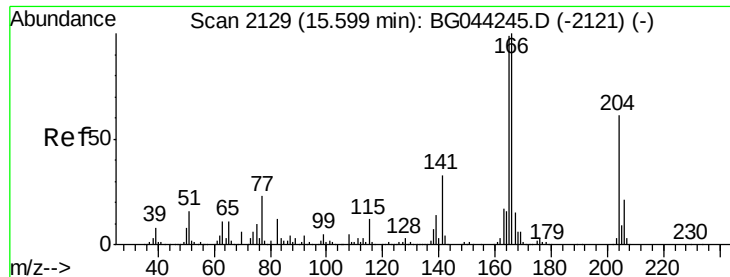
#60
 Diethylphthalate
 Concen: 42.196 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion:149	Resp:	552539
Ion Ratio	Lower	Upper
149	100	
177	23.8	19.4 29.0
150	13.1	10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

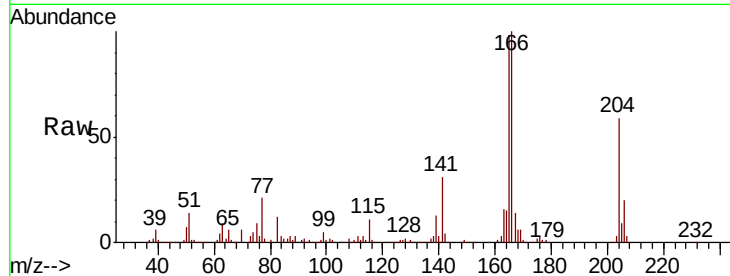




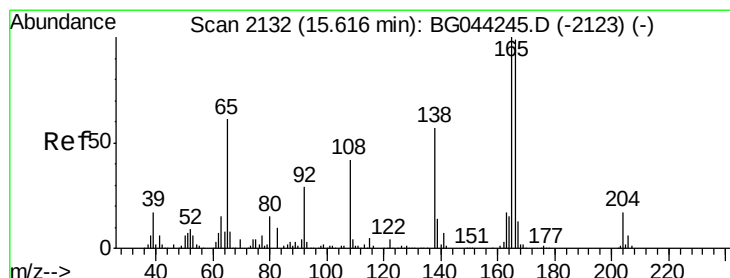
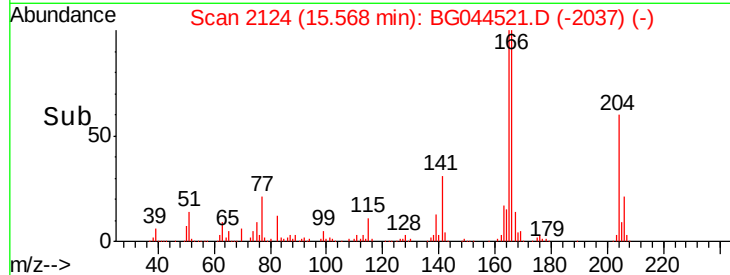
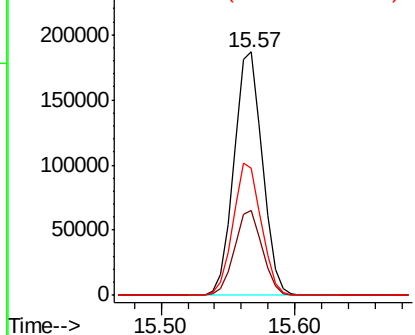
#61
 4-Chlorophenyl-phenylether
 Concen: 42.769 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 275874
 Ion Ratio Lower Upper
 204 100
 206 34.7 27.6 41.4
 141 52.4 43.4 65.0

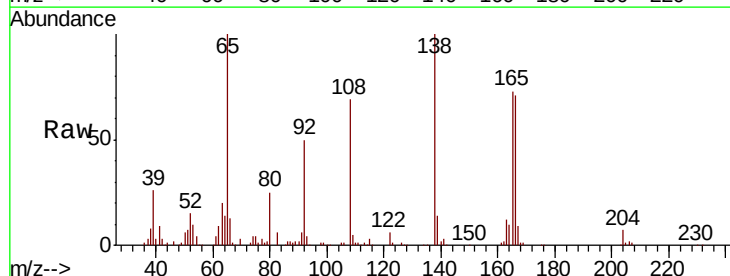


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

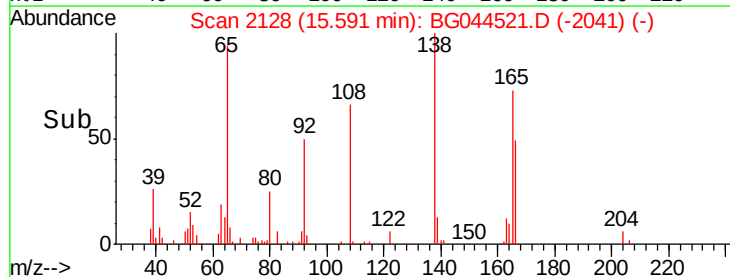
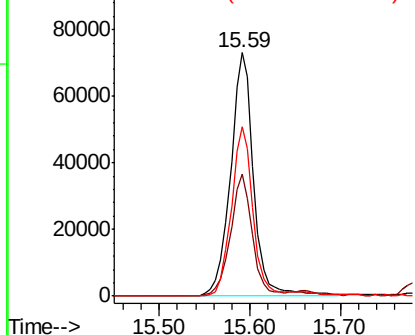


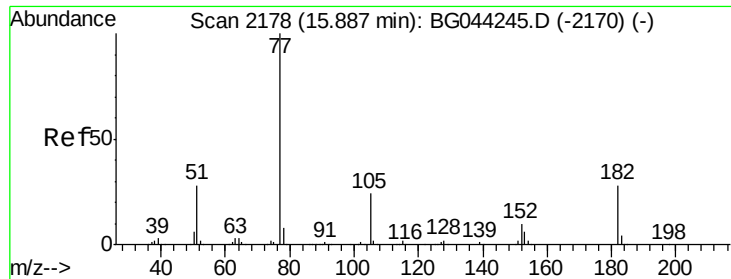
#62
 4-Nitroaniline
 Concen: 39.963 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion:138 Resp: 129450
 Ion Ratio Lower Upper
 138 100
 92 50.1 31.3 71.3
 108 69.5 52.6 92.6



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





#63

Azobenzene

Concen: 42.635 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BG044521.D

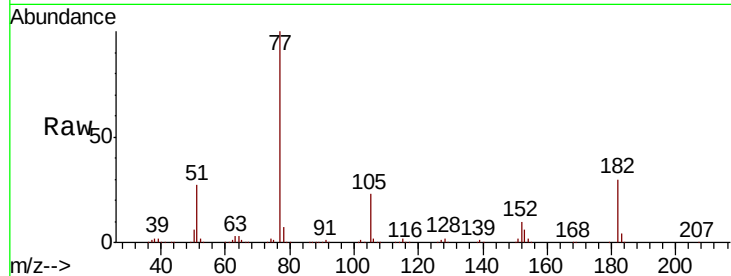
Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampled :

Tot Ion:	77	Resp:	489295
Ion	Ratio	Lower	Upper
77	100		
182	30.5	8.2	48.2
105	23.4	3.6	43.6
51	27.0	8.3	48.3

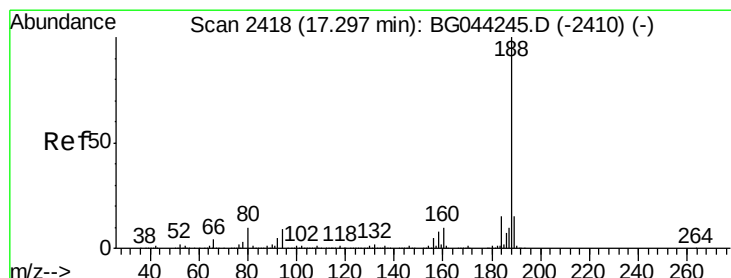
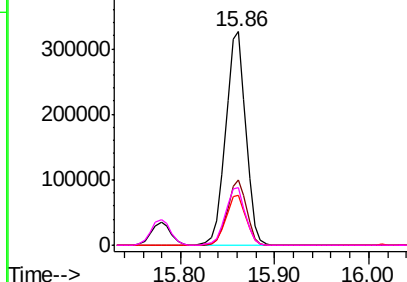
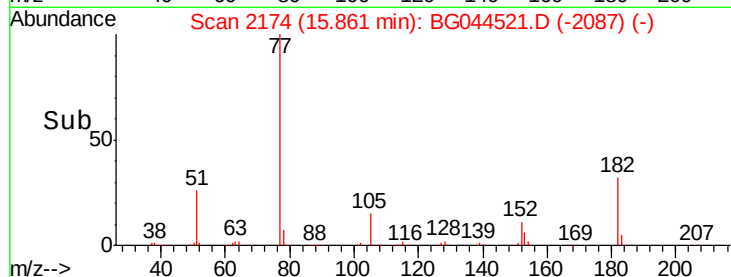


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

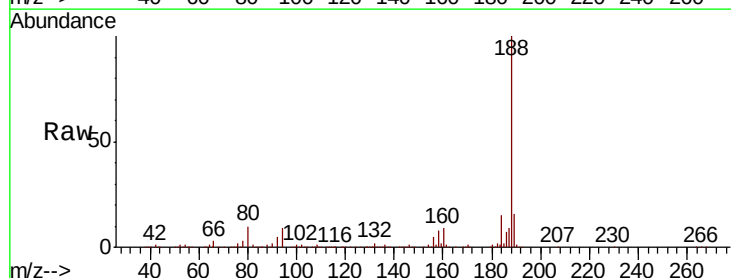
RT: 17.27 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

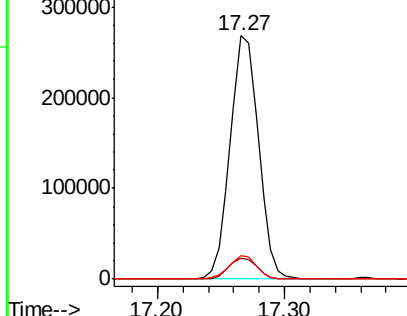
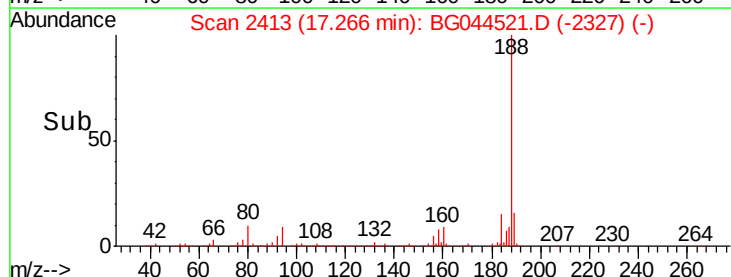
Tgt Ion:	188	Resp:	415346
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.6	7.7	11.5

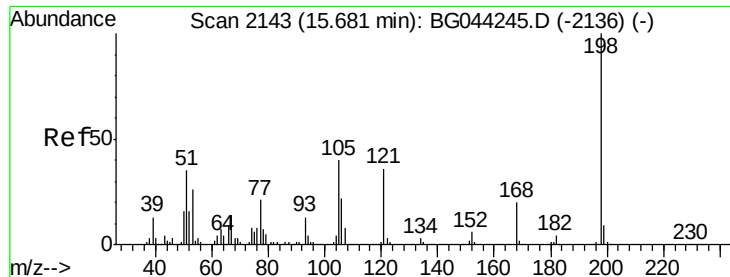


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.728 ng

RT: 15.66 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampled :

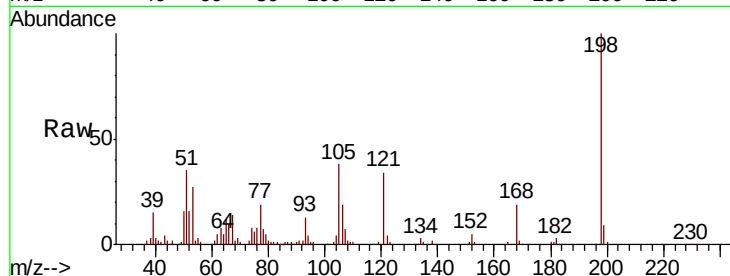
Tot Ion:198 Resp: 111718

Ion Ratio Lower Upper

198 100

51 35.0 16.6 56.6

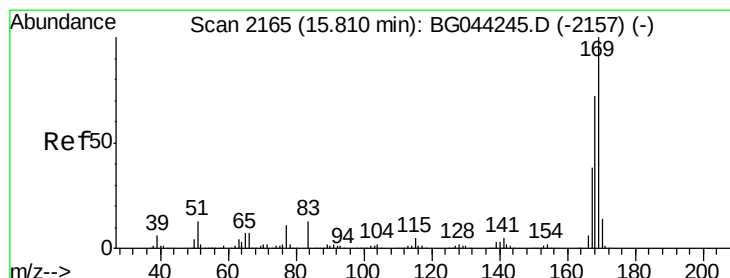
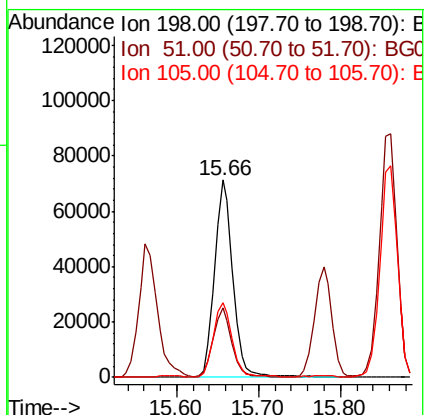
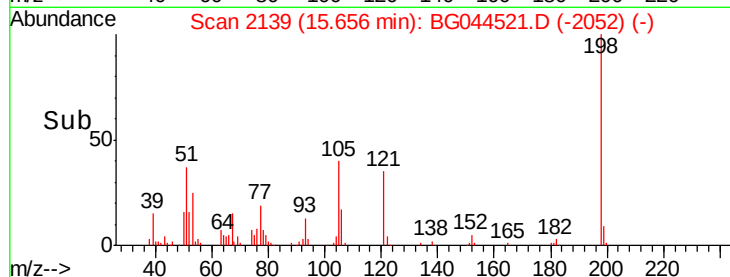
105 37.7 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.469 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

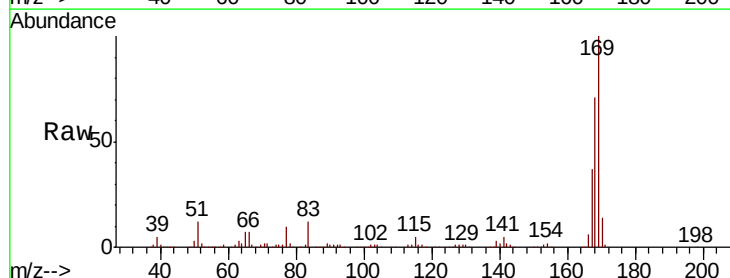
Tgt Ion:169 Resp: 494334

Ion Ratio Lower Upper

169 100

168 71.2 57.9 86.9

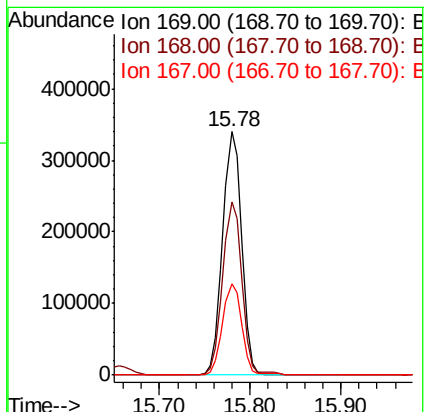
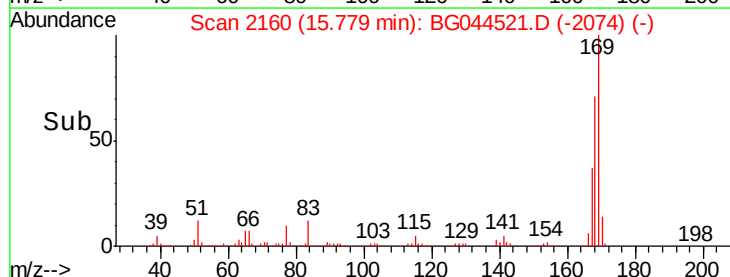
167 37.4 30.7 46.1

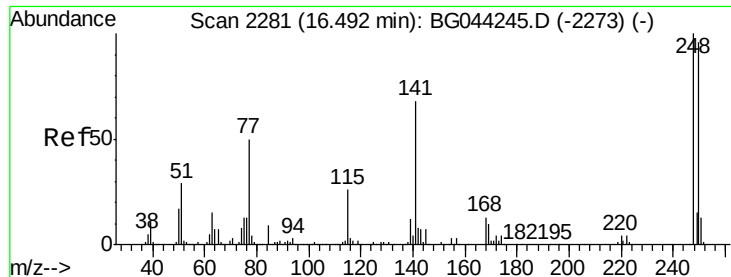


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.012 ng

RT: 16.46 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

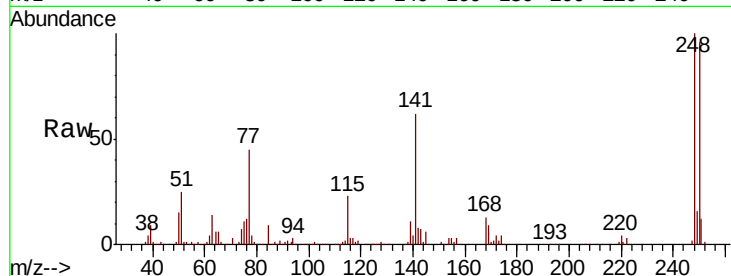
Tot Ion:248 Resp: 185587

Ion Ratio Lower Upper

248 100

250 95.6 76.6 114.8

141 62.4 54.7 82.1

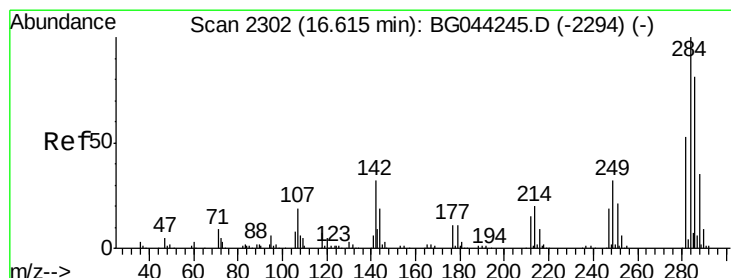
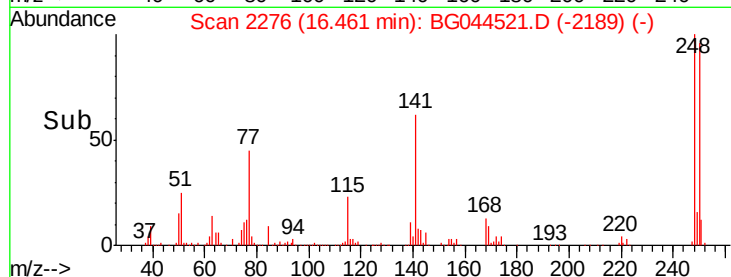
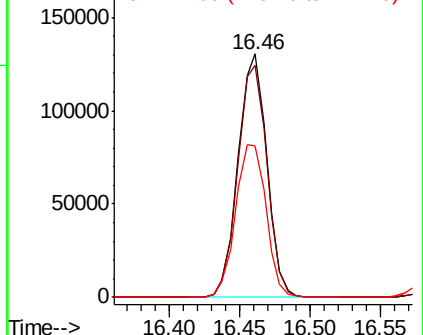


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.829 ng

RT: 16.58 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

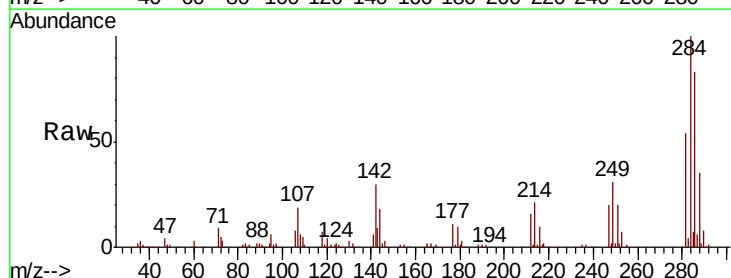
Tgt Ion:284 Resp: 206992

Ion Ratio Lower Upper

284 100

142 30.2 25.3 37.9

249 31.0 25.5 38.3

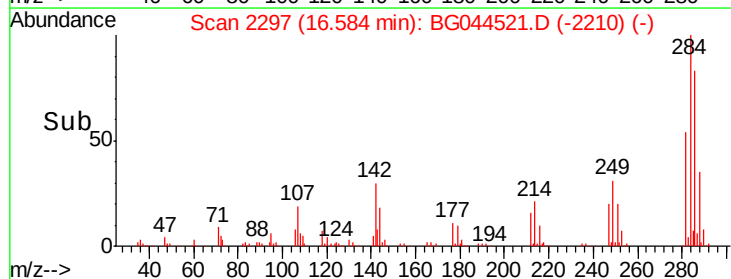
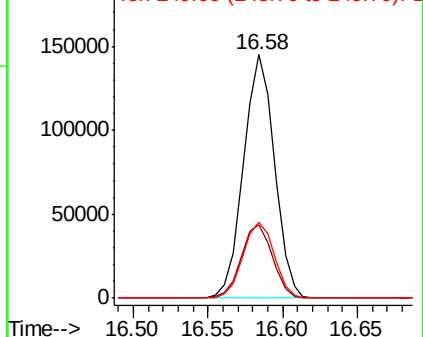


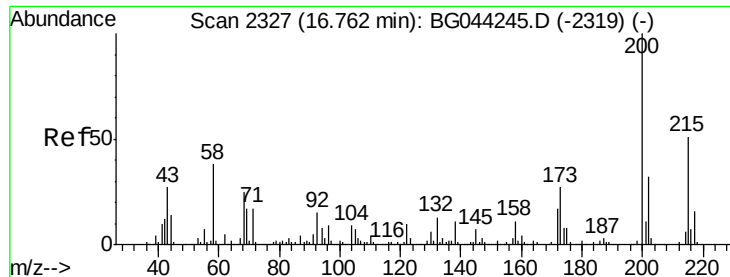
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.668 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

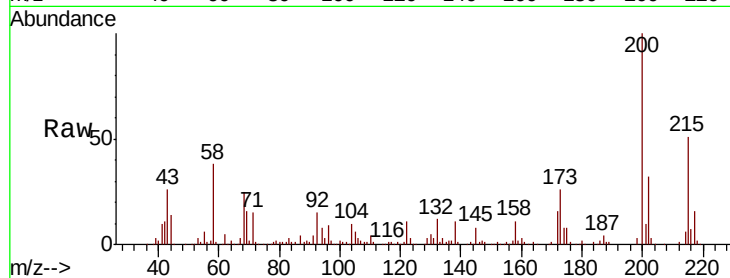
Tot Ion:200 Resp: 194166

Ion Ratio Lower Upper

200 100

173 25.7 6.6 46.6

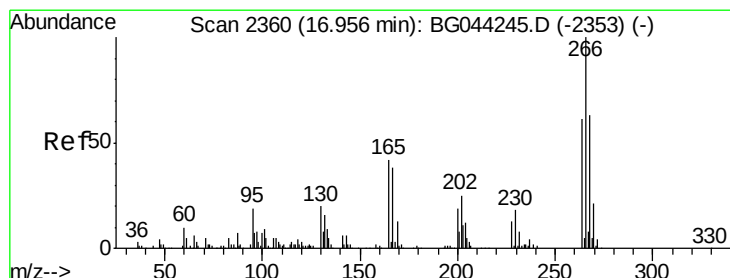
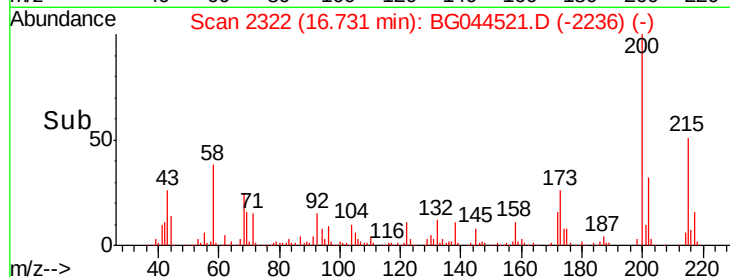
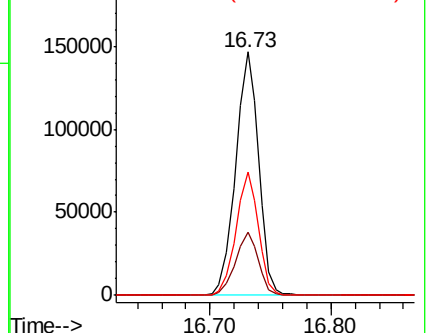
215 50.6 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.243 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

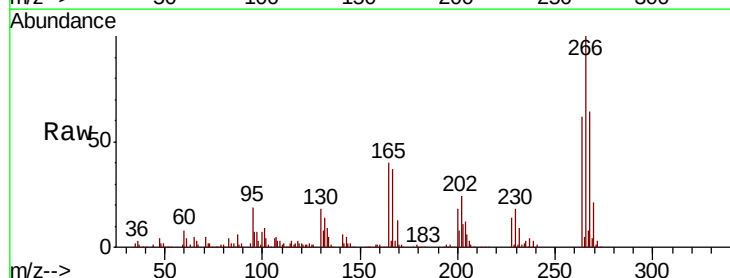
Tgt Ion:266 Resp: 216416

Ion Ratio Lower Upper

266 100

268 64.0 50.6 75.8

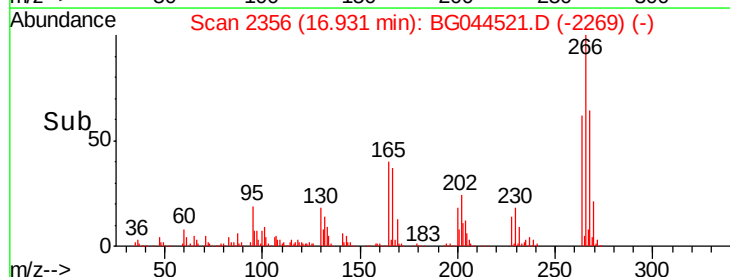
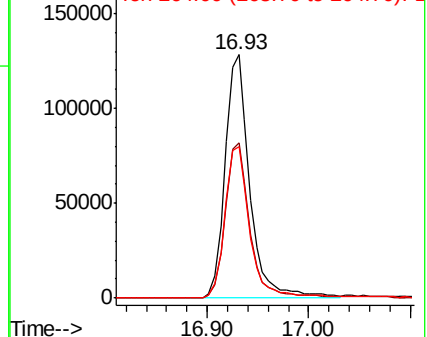
264 62.4 48.7 73.1

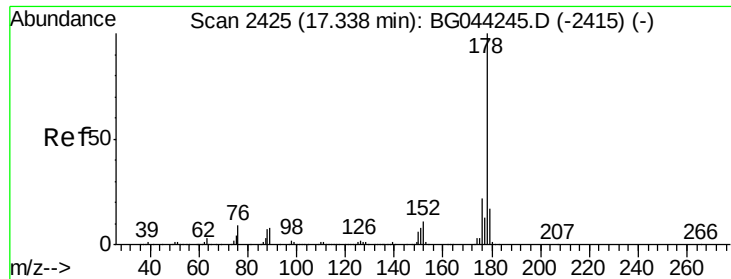


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

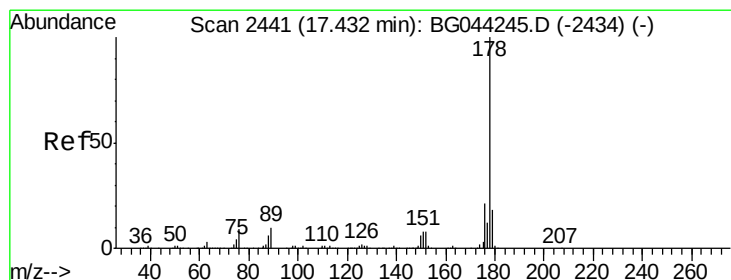
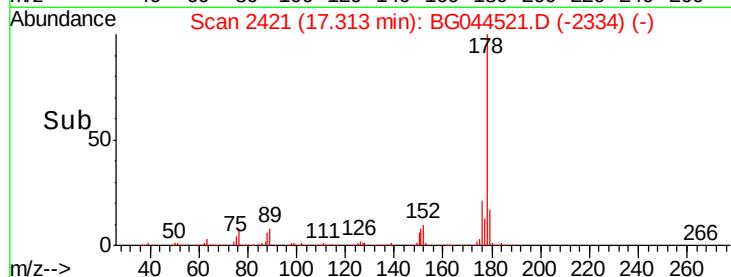
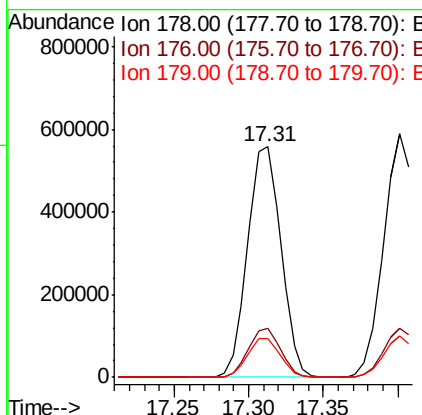
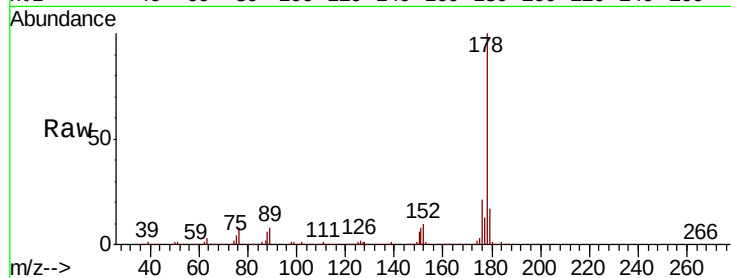




#71
Phenanthrene
Concen: 43.048 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

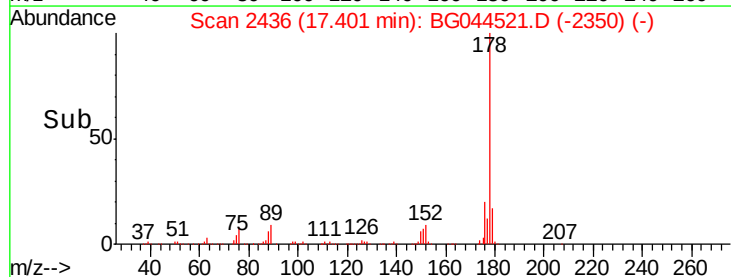
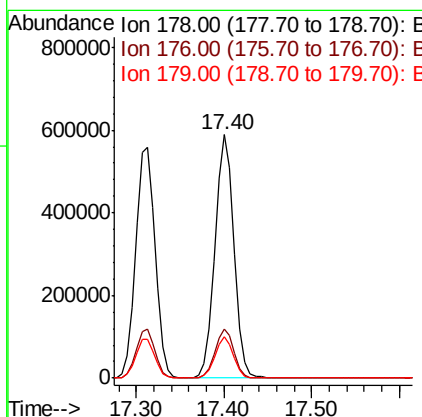
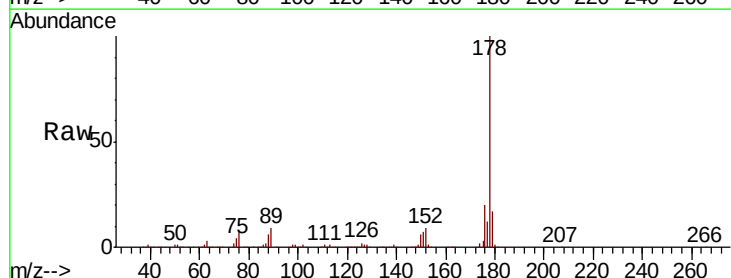
Instrument :
BNA_G
ClientSampleId :

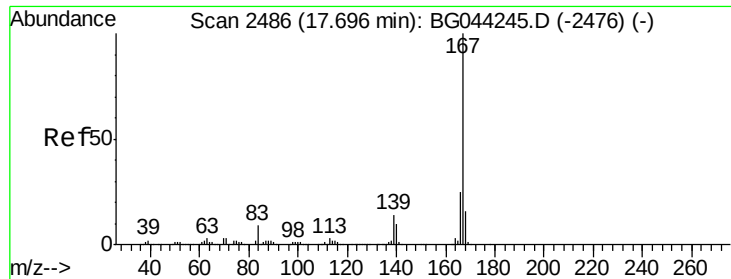
Tot Ion:178 Resp: 865801
Ion Ratio Lower Upper
178 100
176 21.3 17.7 26.5
179 16.8 13.7 20.5



#72
Anthracene
Concen: 44.530 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:178 Resp: 885451
Ion Ratio Lower Upper
178 100
176 20.4 17.0 25.4
179 16.8 14.4 21.6

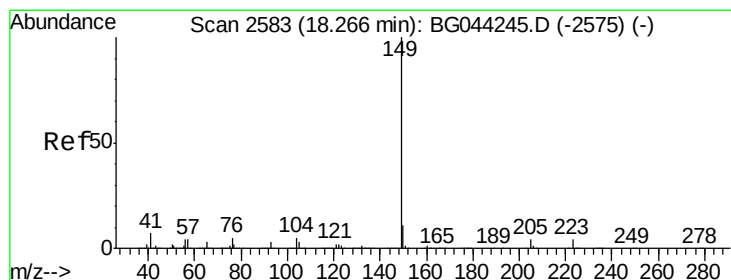
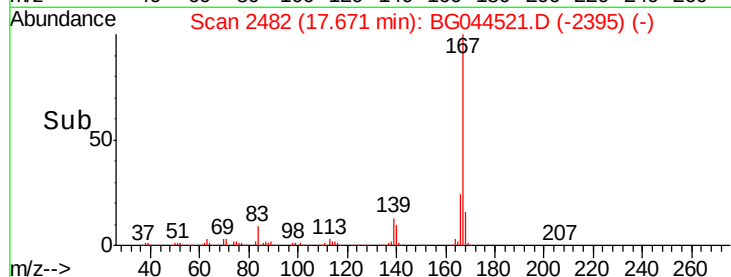
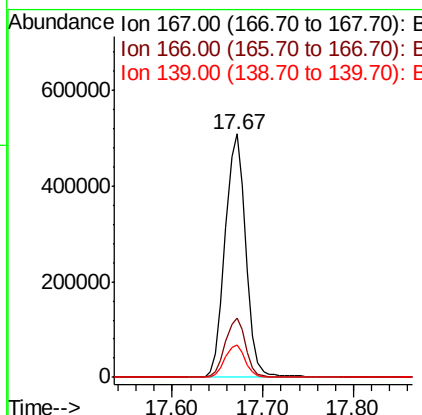
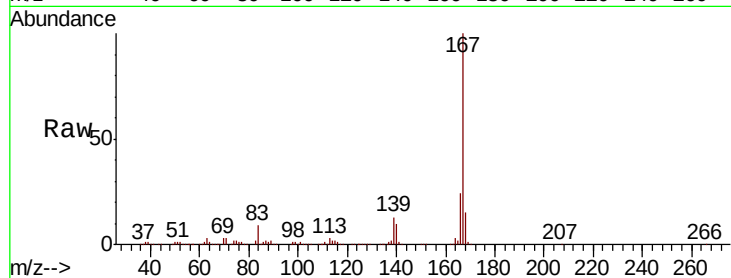




#73
 Carbazole
 Concen: 44.085 ng
 RT: 17.67 min Scan# 2482
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

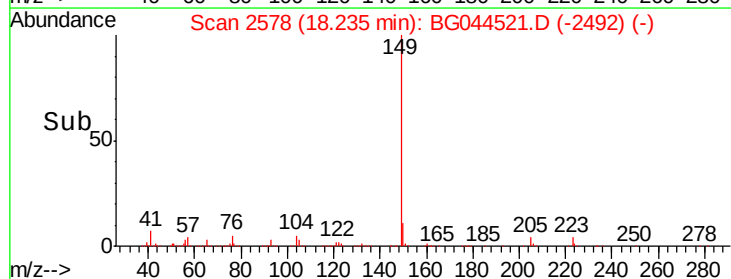
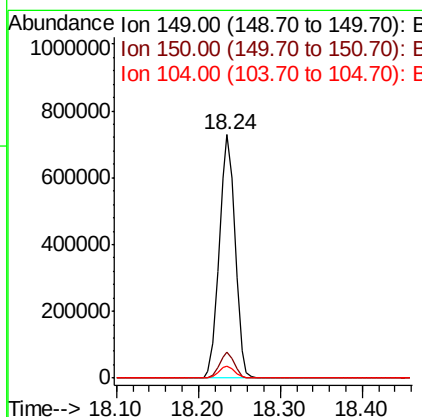
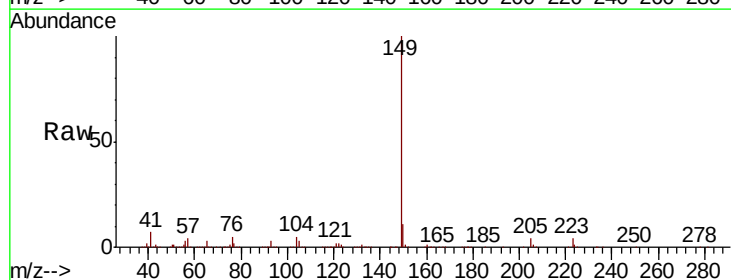
Instrument :
 BNA_G
 ClientSampleId :

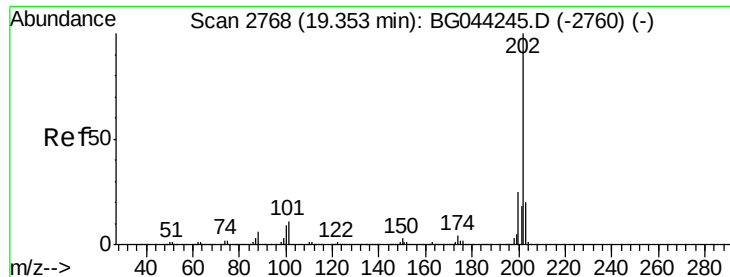
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.8	29.6
139	13.1	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 43.440 ng
 RT: 18.24 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG044521.D
 Acq: 20 Feb 2020 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.7	13.1
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 45.116 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

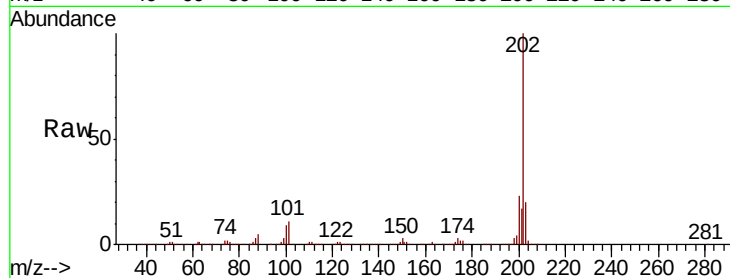
Tot Ion:202 Resp: 1049693

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.3

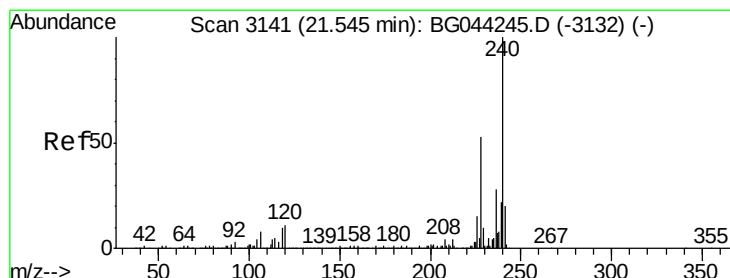
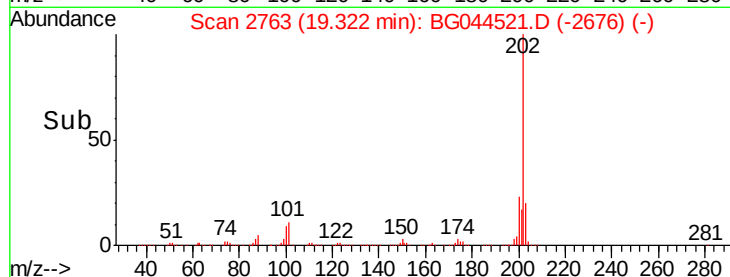
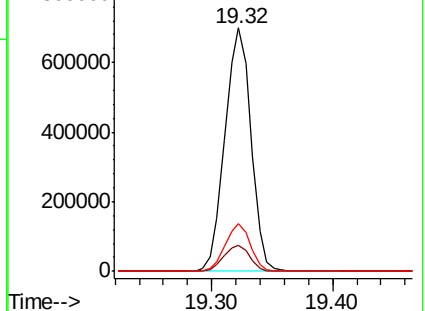
203 19.7 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

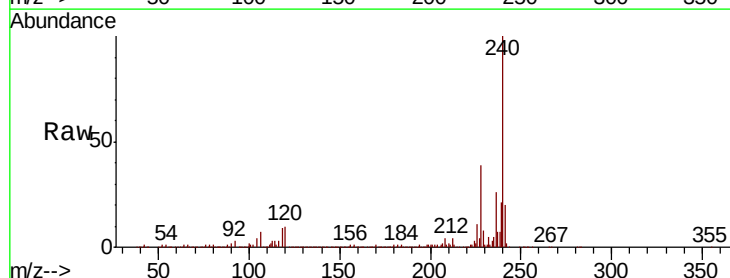
Tgt Ion:240 Resp: 384075

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

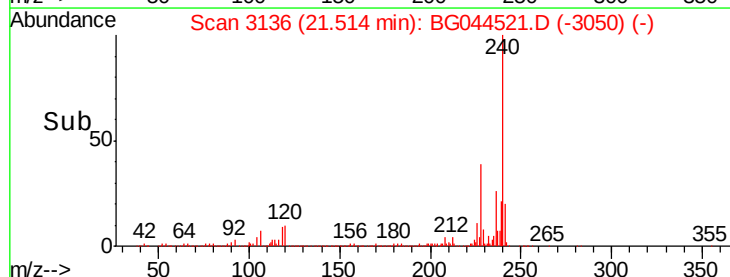
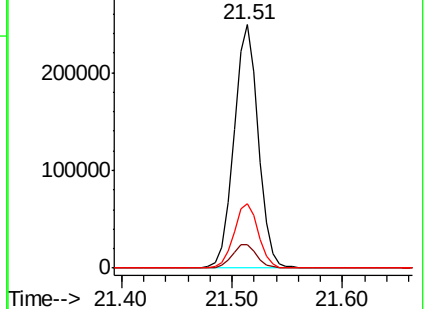
236 26.3 22.1 33.1

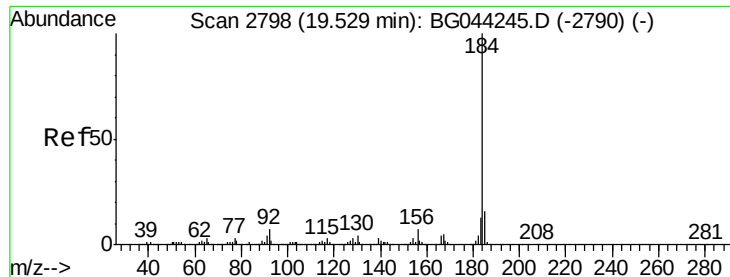


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

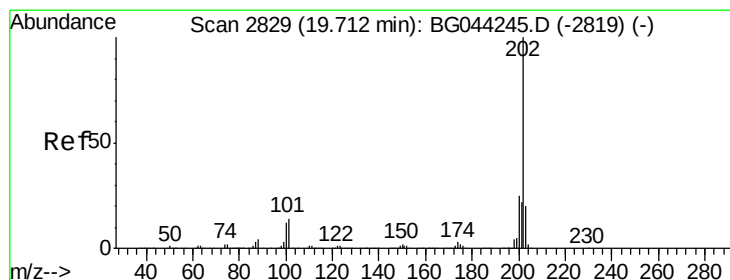
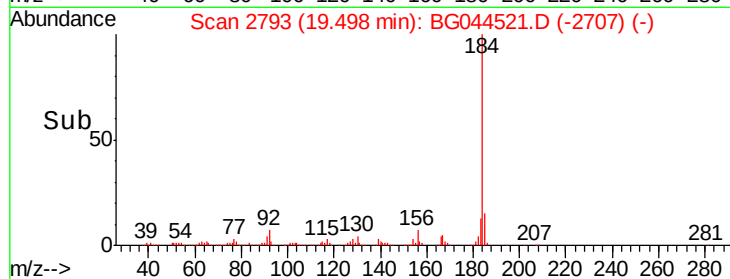
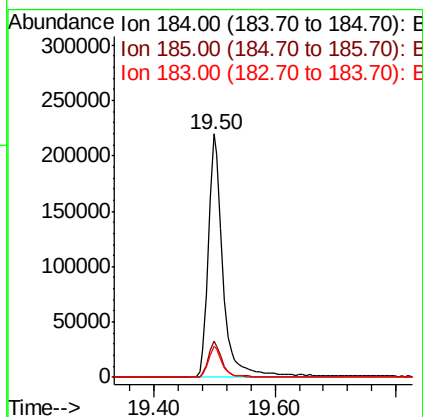
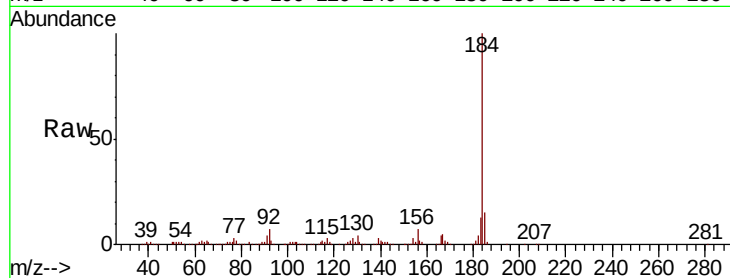




#77
Benzidine
Concen: 35.503 ng
RT: 19.50 min Scan# 2793
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

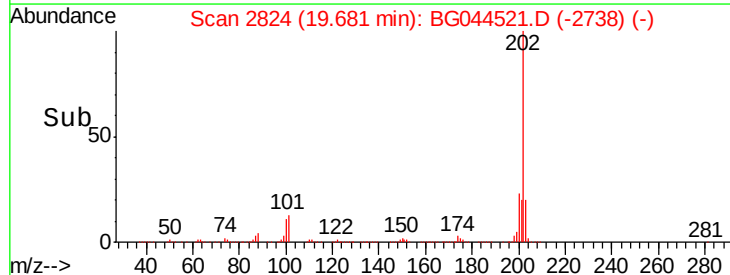
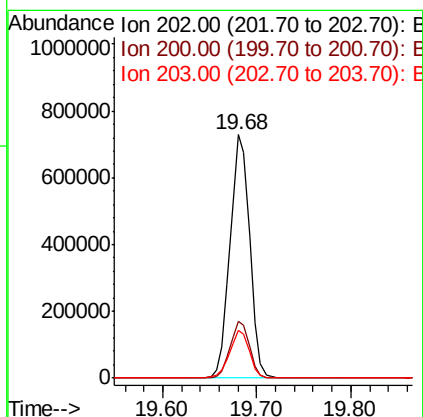
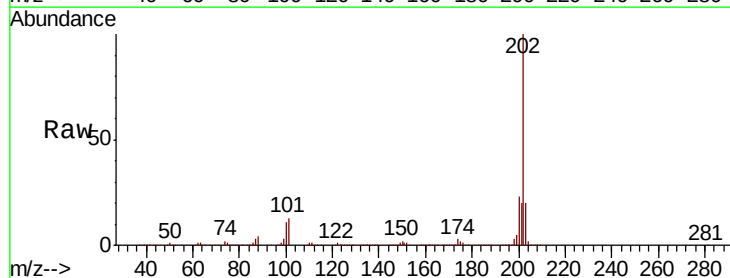
Instrument :
BNA_G
ClientSampleId :

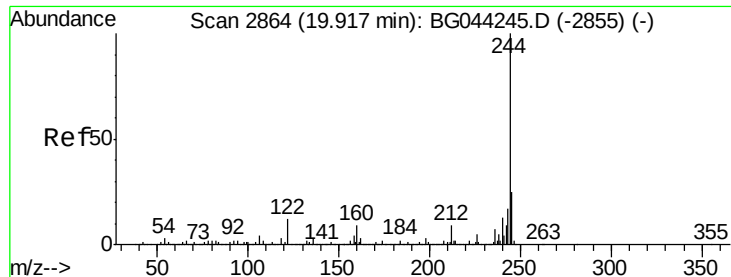
Tot Ion:184 Resp: 378222
Ion Ratio Lower Upper
184 100
185 14.8 12.9 19.3
183 13.0 10.8 16.2



#78
Pyrene
Concen: 42.880 ng
RT: 19.68 min Scan# 2824
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:202 Resp: 1057663
Ion Ratio Lower Upper
202 100
200 23.4 20.0 30.0
203 19.6 16.2 24.2





#79

Terphenyl-d14

Concen: 69.277 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

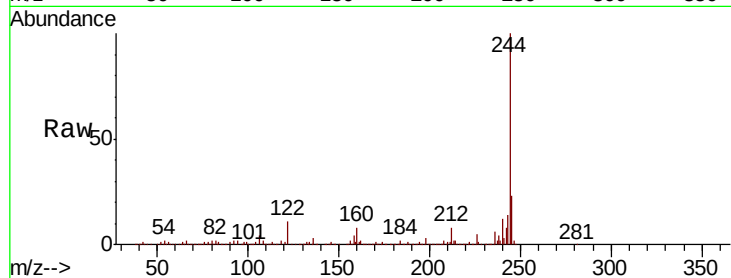
Tot Ion:244 Resp: 1293594

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

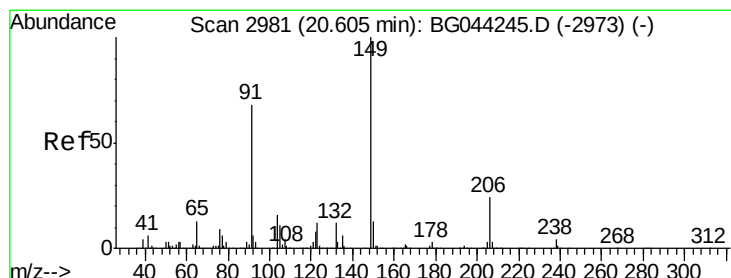
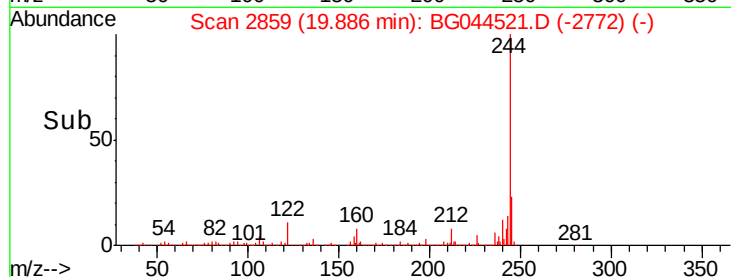
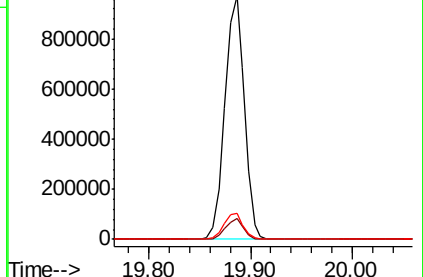
122 10.8 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.657 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

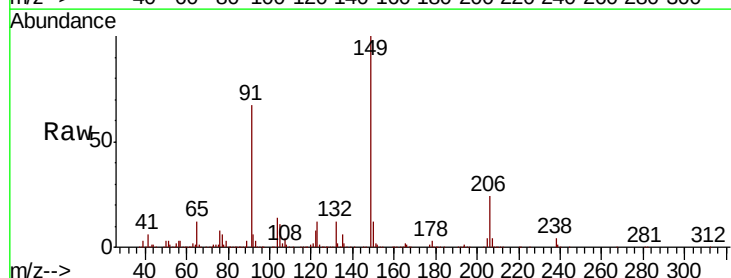
Tgt Ion:149 Resp: 456998

Ion Ratio Lower Upper

149 100

91 67.0 54.5 81.7

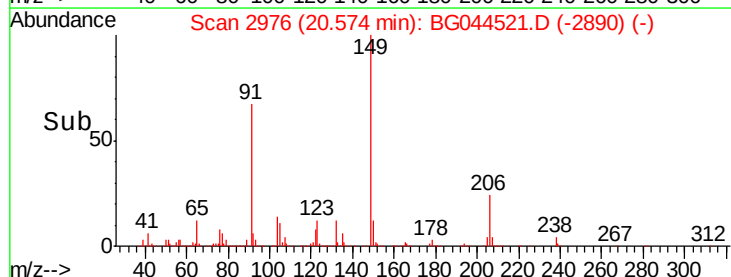
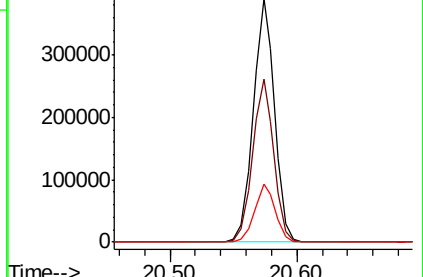
206 23.7 19.1 28.7

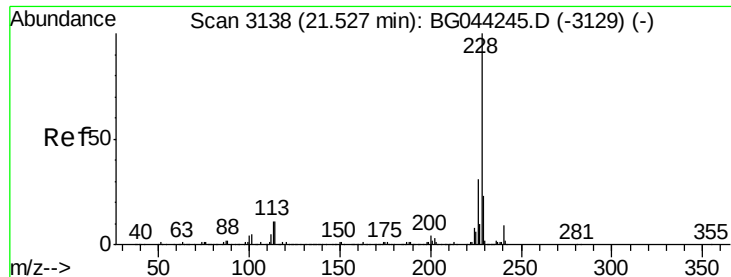


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

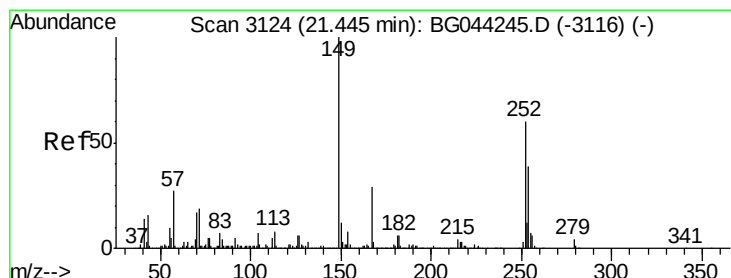
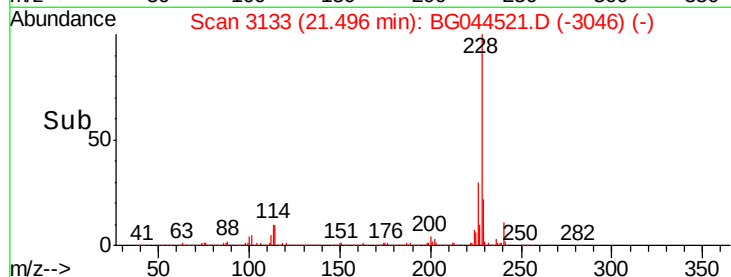
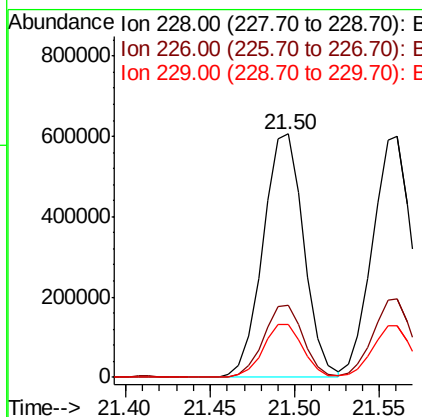
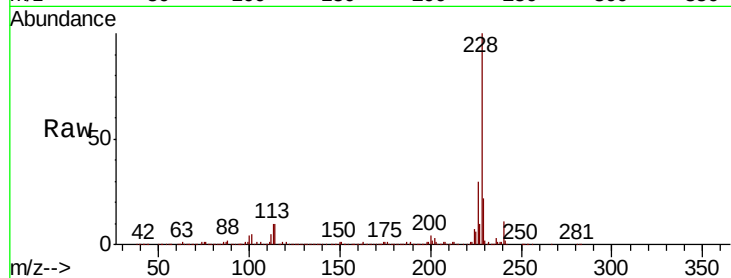




#81
Benzo(a)anthracene
Concen: 42.842 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

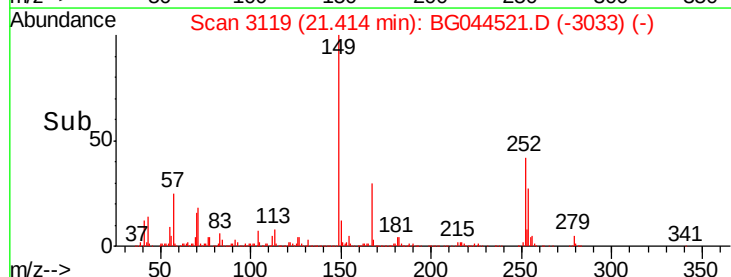
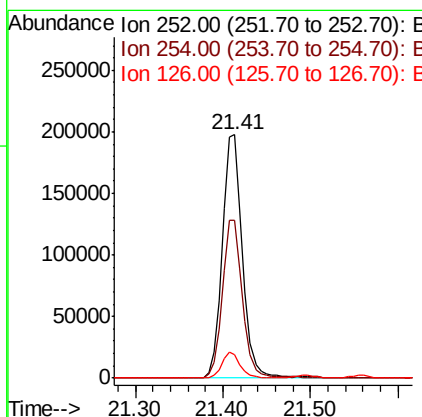
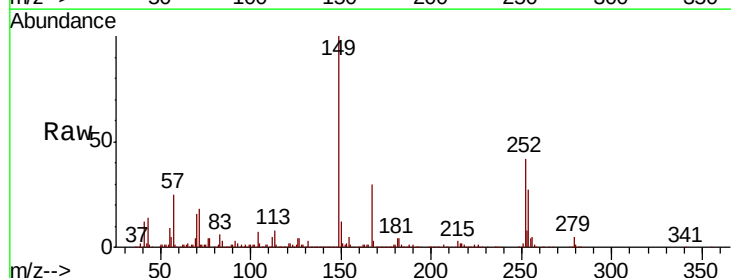
Instrument :
BNA_G
ClientSampleId :

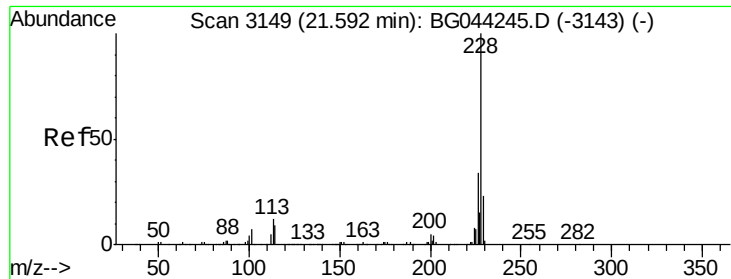
Tot Ion:228 Resp: 1014109
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 21.8 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 34.240 ng
RT: 21.41 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:252 Resp: 314562
Ion Ratio Lower Upper
252 100
254 64.8 52.6 78.8
126 9.5 8.2 12.4





#83

Chrysene

Concen: 42.500 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

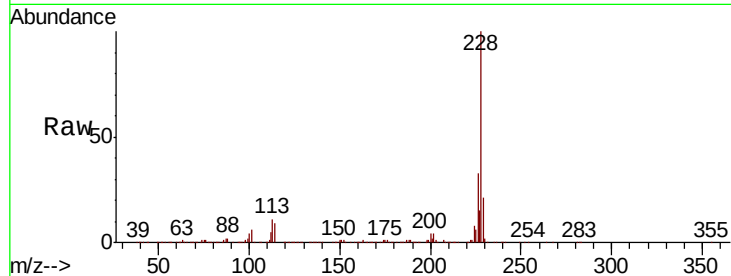
Tot Ion:228 Resp: 972397

Ion Ratio Lower Upper

228 100

226 32.7 27.1 40.7

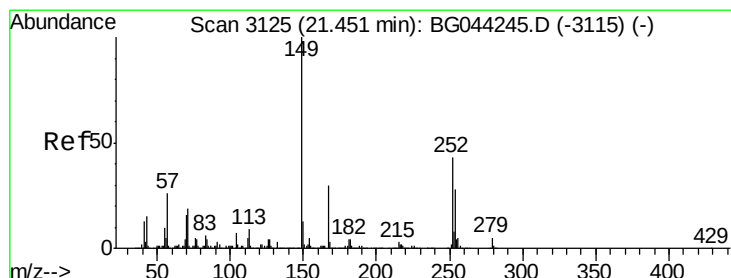
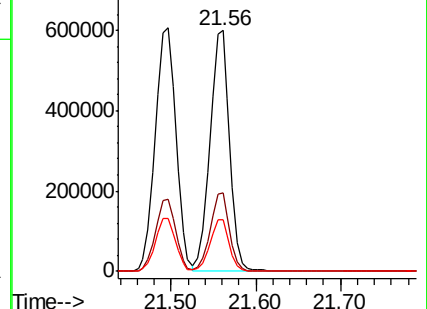
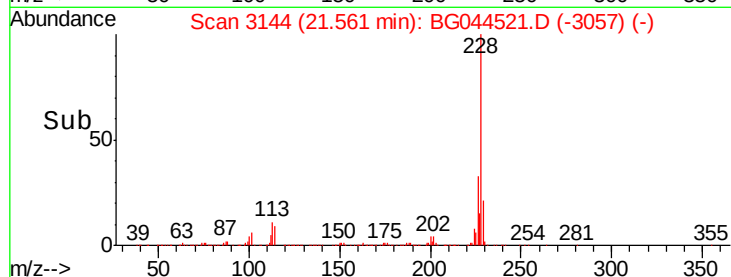
229 21.5 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.267 ng

RT: 21.41 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

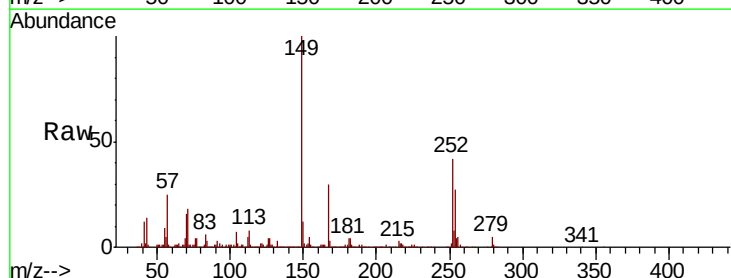
Tgt Ion:149 Resp: 638463

Ion Ratio Lower Upper

149 100

167 29.8 24.0 36.0

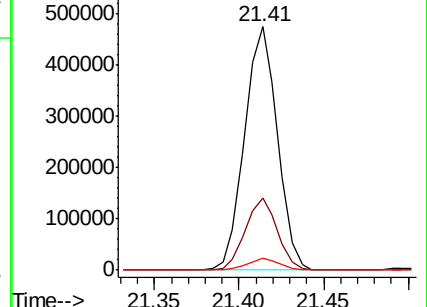
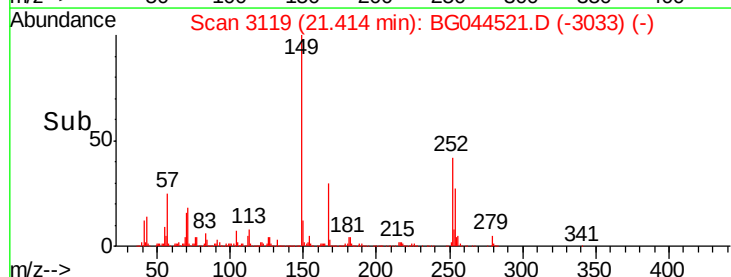
279 4.8 3.8 5.8

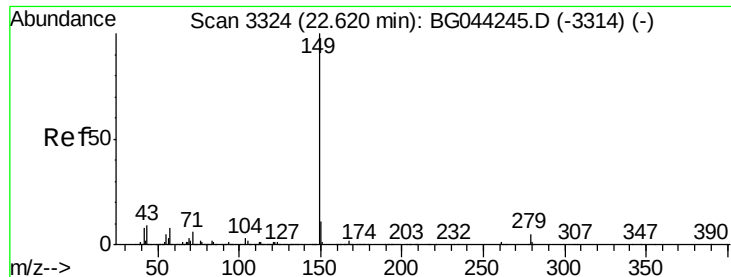


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.695 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.03 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

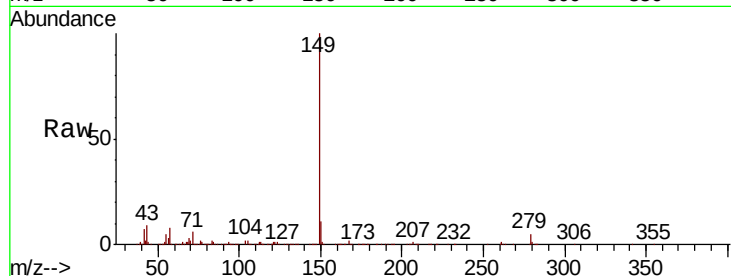
Tot Ion:149 Resp: 1142902

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

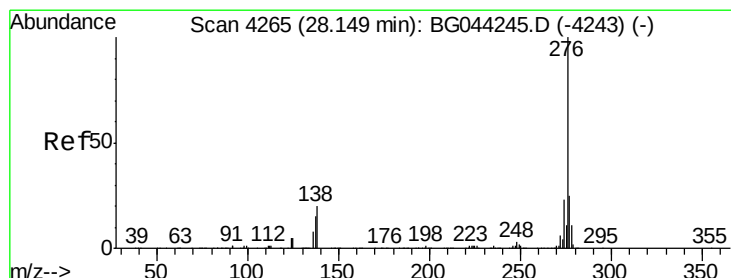
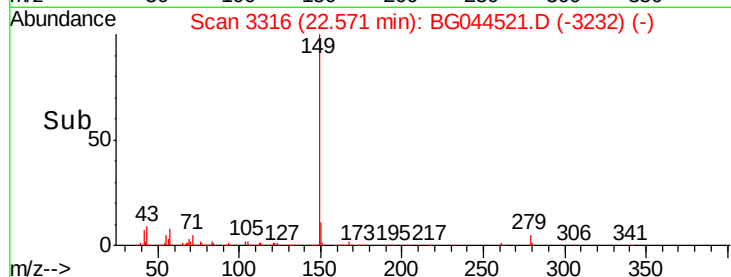
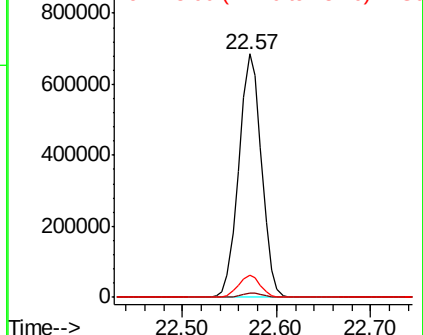
43 8.7 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.200 ng

RT: 28.07 min Scan# 4252

Delta R.T. -0.05 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

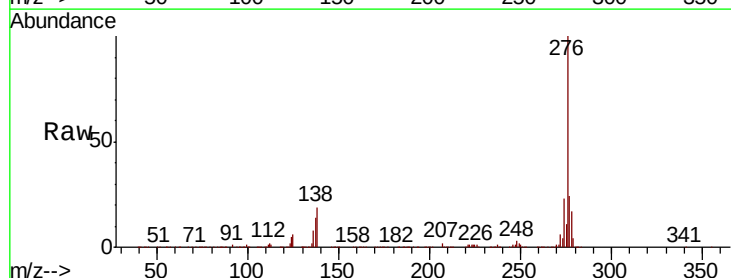
Tgt Ion:276 Resp: 1319395

Ion Ratio Lower Upper

276 100

138 23.5 19.4 29.0

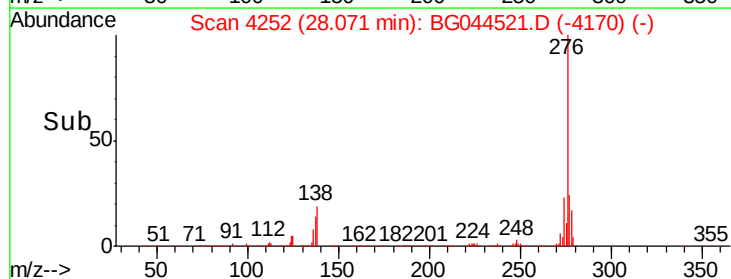
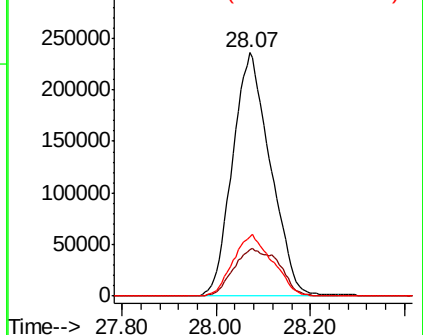
277 26.3 21.0 31.6

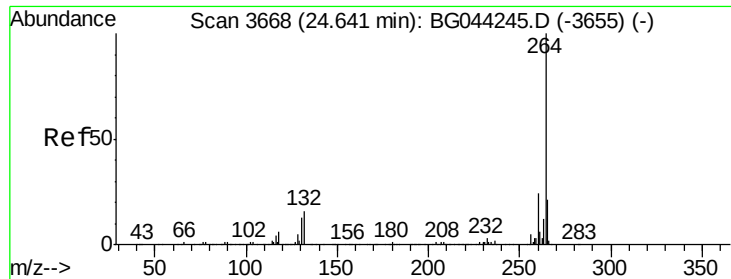


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.59 min Scan# 3659

Delta R.T. -0.03 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

Instrument :

BNA_G

ClientSampleId :

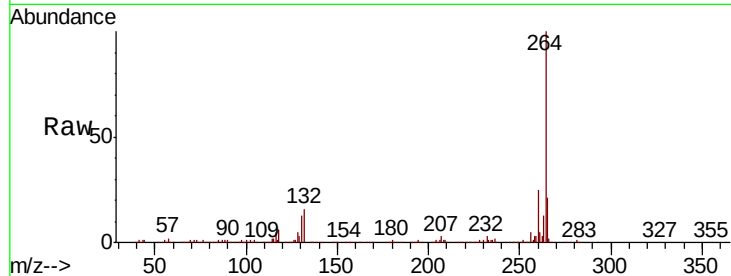
Tot Ion:264 Resp: 397814

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

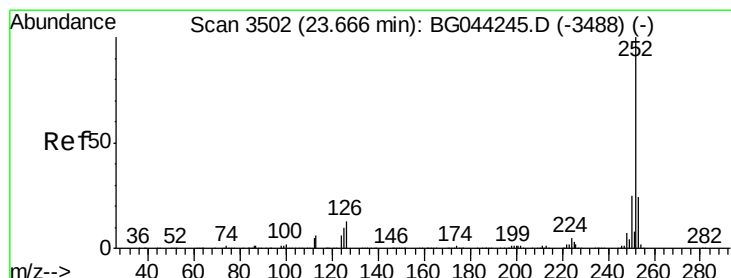
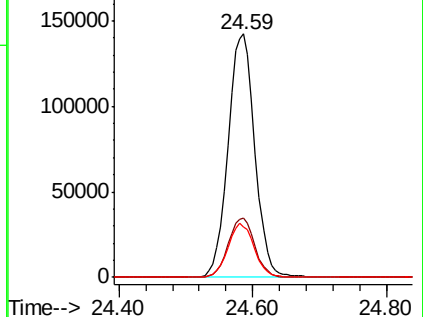
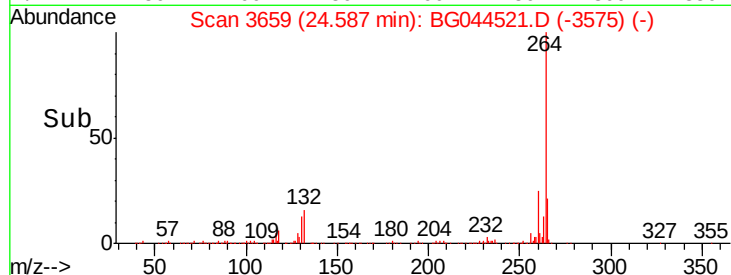
265 20.8 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.186 ng

RT: 23.62 min Scan# 3494

Delta R.T. -0.03 min

Lab File: BG044521.D

Acq: 20 Feb 2020 15:19

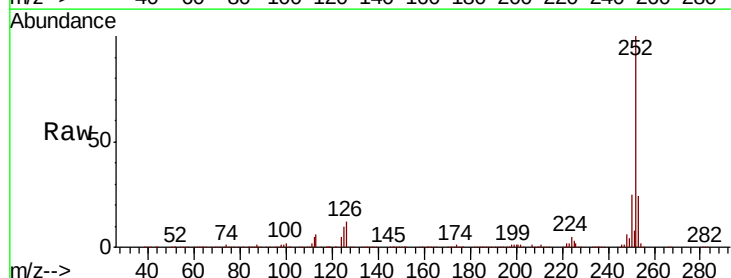
Tgt Ion:252 Resp: 1081666

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

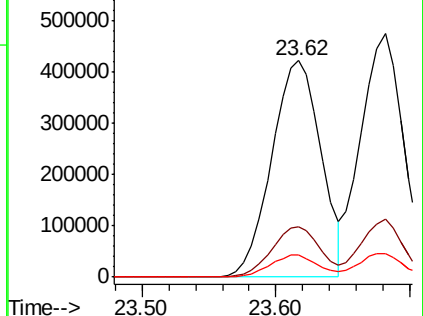
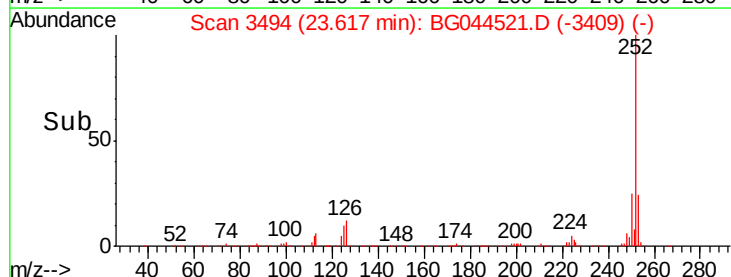
125 10.0 8.4 12.6

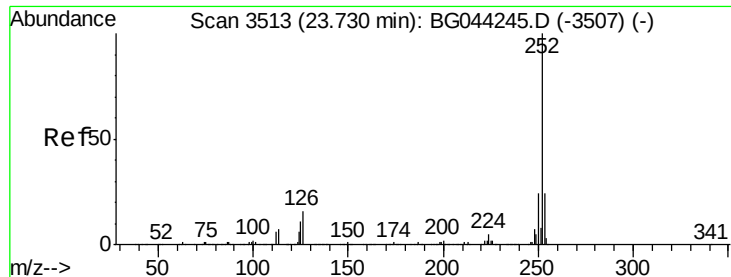


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

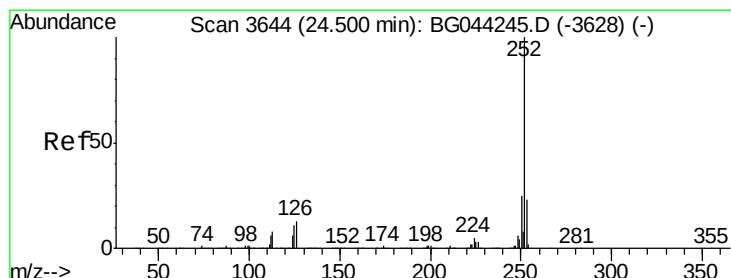
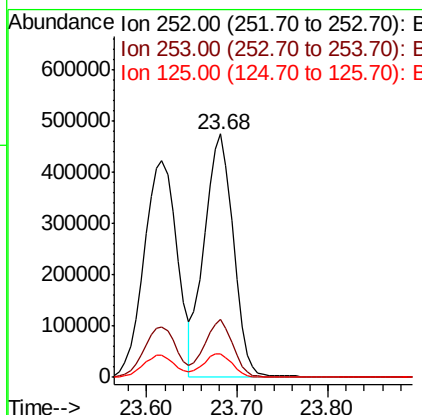
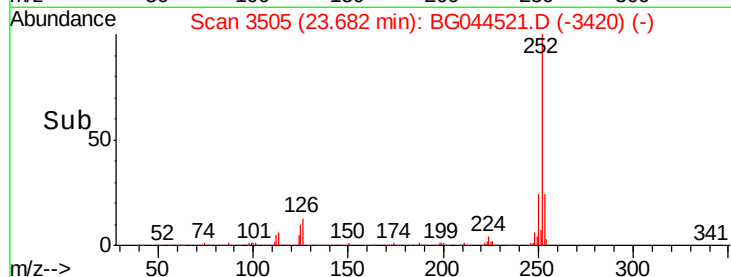
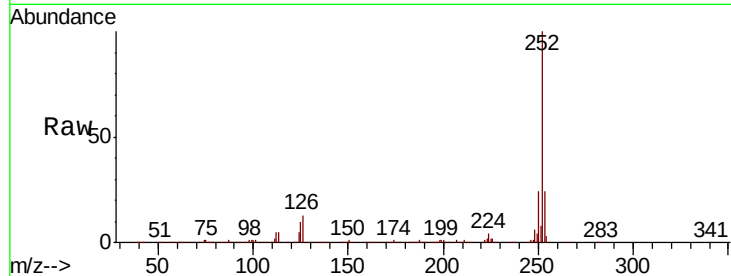




#89
Benzo(k)fluoranthene
Concen: 47.294 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.03 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

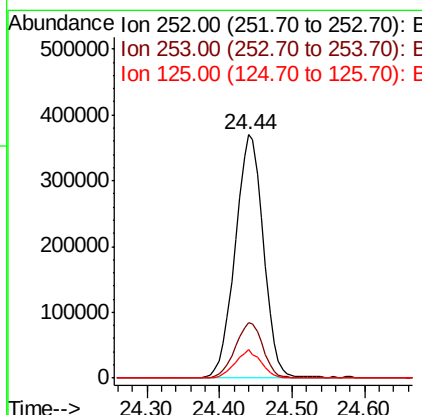
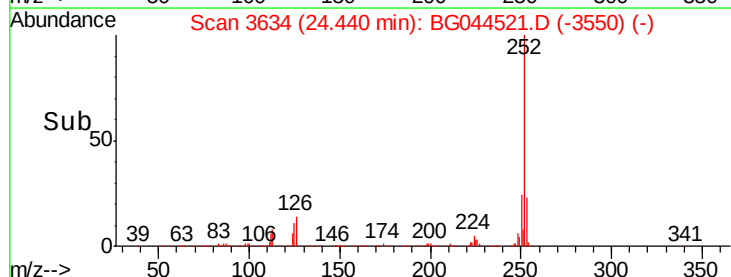
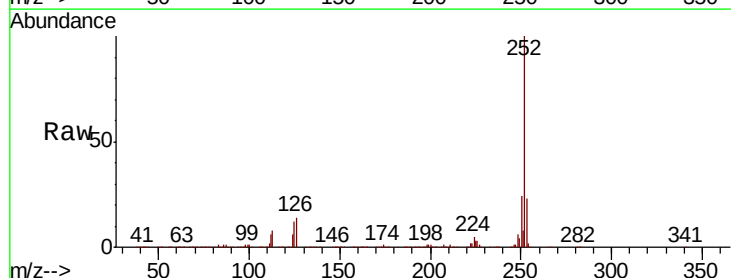
Instrument :
BNA_G
ClientSampleId :

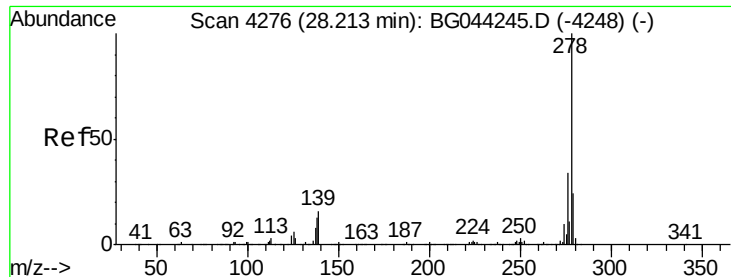
Tot Ion:252 Resp: 1056640
Ion Ratio Lower Upper
252 100
253 23.7 19.1 28.7
125 9.8 8.6 12.8



#90
Benzo(a)pyrene
Concen: 46.034 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.03 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:252 Resp: 997735
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.5 8.6 13.0



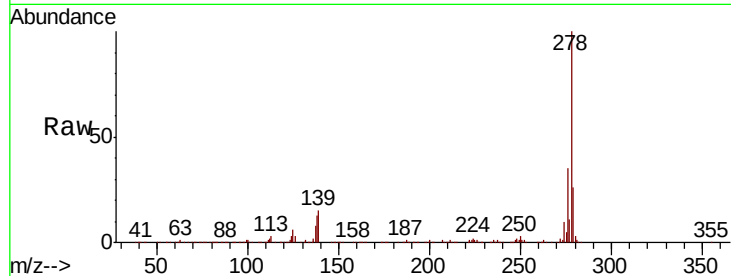


#91
Dibenzo(a,h)anthracene
Concen: 51.004 ng
RT: 28.13 min Scan# 4262
Delta R.T. -0.05 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

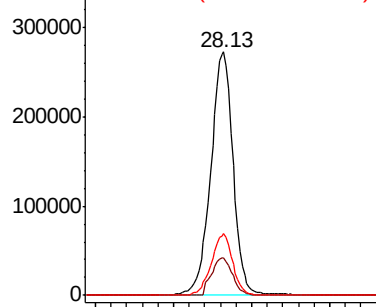
Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1094035

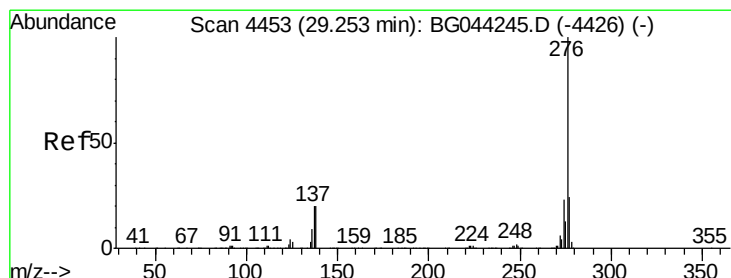
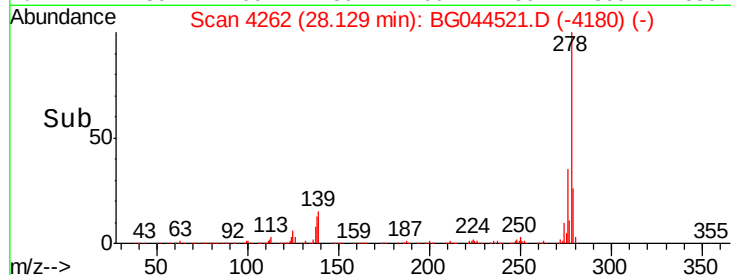
Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.7	19.1
279	25.5	19.3	28.9



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



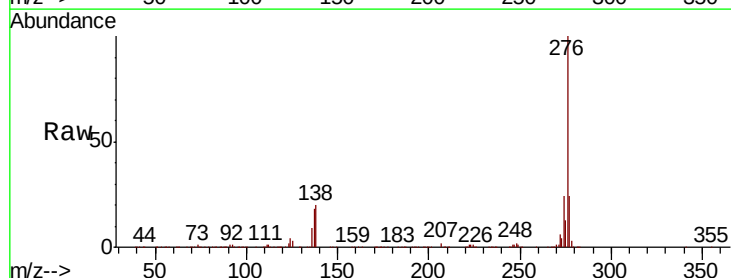
Time-->



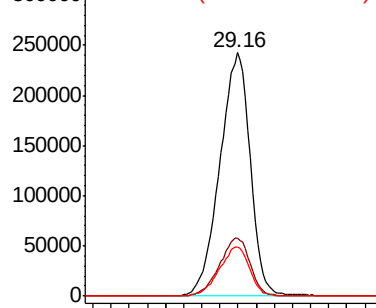
#92
Benzo(g,h,i)perylene
Concen: 52.539 ng
RT: 29.16 min Scan# 4437
Delta R.T. -0.05 min
Lab File: BG044521.D
Acq: 20 Feb 2020 15:19

Tgt Ion:276 Resp: 1128171

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.1	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

