

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044533.D
 Acq On : 20 Feb 2020 23:11
 Operator : CG/JU
 Sample : L1595-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 06:51:02 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	56871	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	241477	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	159588	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	359087	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	365891	20.00	ng	-0.02
87) Perylene-d12	24.58	264	400692	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	335159	104.01	ng	-0.02
7) Phenol-d6	7.05	99	451680	104.38	ng	-0.02
23) Nitrobenzene-d5	9.03	82	259585	60.69	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	184101	98.27	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	606406	63.63	ng	-0.02
79) Terphenyl-d14	19.88	244	1004899	56.49	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	60761	41.967	ng	99
3) Pyridine	3.73	79	148209	38.423	ng	99
4) n-Nitrosodimethylamine	3.65	42	73044	45.316	ng	96
6) Aniline	7.20	93	120486	22.432	ng	99
8) 2-Chlorophenol	7.45	128	194005	54.780	ng	98
9) Benzaldehyde	7.01	77	73989	30.022	ng	99
10) Phenol	7.08	94	235903	55.085	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	169366	46.259	ng	98
12) 1,3-Dichlorobenzene	7.77	146	197452	46.696	ng	97
13) 1,4-Dichlorobenzene	7.92	146	197067	47.055	ng	98
14) 1,2-Dichlorobenzene	8.23	146	186102	47.013	ng	100
15) Benzyl Alcohol	8.12	79	153490	50.101	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.41	45	217813	43.954	ng	99
17) 2-Methylphenol	8.33	107	162451	53.167	ng	99
18) Hexachloroethane	8.96	117	71194	45.301	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	131948	45.753	ng	99
20) 3+4-Methylphenols	8.66	107	218580	51.907	ng	99
22) Acetophenone	8.70	105	252404	42.967	ng	98
24) Nitrobenzene	9.08	77	189810	45.456	ng	99
25) Isophorone	9.60	82	365090	45.795	ng	100
26) 2-Nitrophenol	9.79	139	107464	49.598	ng	99
27) 2,4-Dimethylphenol	9.86	122	179928	58.829	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	230836	43.405	ng	99
29) 2,4-Dichlorophenol	10.34	162	185830	50.248	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	187861	44.301	ng	100
31) Naphthalene	10.73	128	548846	46.847	ng	100
32) Benzoic acid	10.03	122	52659	32.593	ng	90
33) 4-Chloroaniline	10.84	127	72234	13.557	ng	97
34) Hexachlorobutadiene	11.03	225	112781	43.222	ng	98
35) Caprolactam	11.61	113	42554	31.411	ng	97
36) 4-Chloro-3-methylphenol	11.98	107	194691	50.211	ng	99
37) 2-Methylnaphthalene	12.34	142	406203	46.697	ng	98
38) 1-Methylnaphthalene	12.56	142	391438	47.731	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	205325	43.011	ng	98

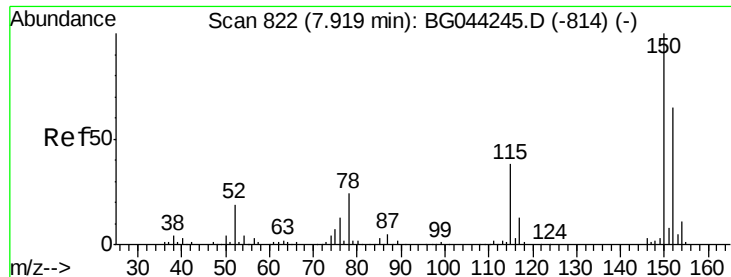
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	205941	89.907	ng	98
43) 2,4,6-Trichlorophenol	12.96	196	147236	47.716	ng	98
44) 2,4,5-Trichlorophenol	13.04	196	158922	50.424	ng	99
46) 1,1'-Biphenyl	13.35	154	522882	45.424	ng	98
47) 2-Chloronaphthalene	13.39	162	409761	44.733	ng	98
48) 2-Nitroaniline	13.59	65	118133	43.699	ng	99
49) Acenaphthylene	14.25	152	651989	48.528	ng	98
50) Dimethylphthalate	13.98	163	553404	48.241	ng	99
51) 2,6-Dinitrotoluene	14.09	165	119293	46.639	ng	100
52) Acenaphthene	14.59	154	391914	45.004	ng	98
53) 3-Nitroaniline	14.42	138	50375	17.802	ng	100
54) 2,4-Dinitrophenol	14.64	184	103941	69.669	ng	97
55) Dibenzofuran	14.92	168	624337	47.352	ng	98
56) 4-Nitrophenol	14.75	139	214163	103.318	ng	99
57) 2,4-Dinitrotoluene	14.89	165	168110	46.893	ng	98
58) Fluorene	15.57	166	493666	47.537	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	142120	49.923	ng	98
60) Diethylphthalate	15.34	149	519733	45.468	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	256274	45.513	ng	98
62) 4-Nitroaniline	15.59	138	119929	42.413	ng	95
63) Azobenzene	15.86	77	460554	45.972	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	99810	50.354	ng	96
66) n-Nitrosodiphenylamine	15.78	169	463584	46.067	ng	98
67) 4-Bromophenyl-phenylether	16.46	248	171911	43.942	ng	98
68) Hexachlorobenzene	16.58	284	191265	43.638	ng	99
69) Atrazine	16.73	200	182622	52.946	ng	98
70) Pentachlorophenol	16.93	266	195349	87.818	ng	98
71) Phenanthrene	17.31	178	810507	46.612	ng	98
72) Anthracene	17.40	178	838510	48.776	ng	99
73) Carbazole	17.67	167	764754	48.255	ng	98
74) Di-n-butylphthalate	18.23	149	923120	47.135	ng	98
75) Fluoranthene	19.32	202	1000500	49.739	ng	98
77) Benzidine	19.50	184	306501	30.200	ng	97
78) Pyrene	19.68	202	1012682	43.097	ng	98
80) Butylbenzylphthalate	20.57	149	450009	42.025	ng	98
81) Benzo(a)anthracene	21.49	228	1002608	44.461	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	173207	19.791	ng	96
83) Chrysene	21.55	228	963740	44.215	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	643469	43.658	ng	99
85) Di-n-octyl phthalate	22.57	149	1139301	44.676	ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1262252	44.387	ng	99
88) Benzo(b)fluoranthene	23.62	252	1087004	47.078	ng	98
89) Benzo(k)fluoranthene	23.68	252	1048432	46.589	ng	99
90) Benzo(a)pyrene	24.44	252	1000894	45.848	ng	100
91) Dibenzo(a,h)anthracene	28.12	278	1045035	48.370	ng	98
92) Benzo(g,h,i)perylene	29.16	276	1061171	49.064	ng	98

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

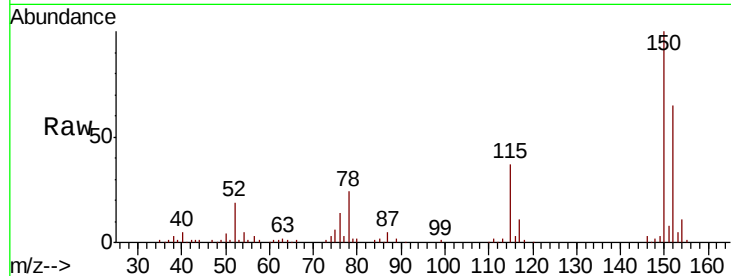


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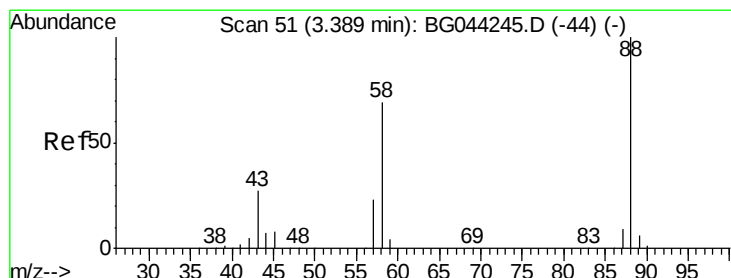
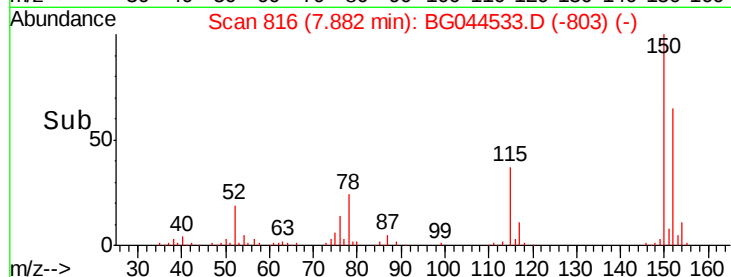
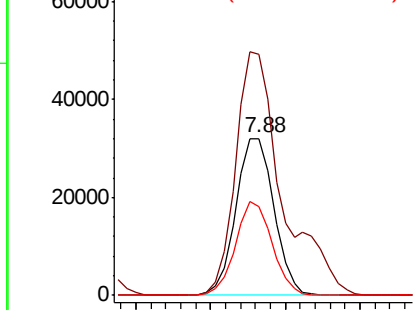
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56871
Ion Ratio Lower Upper
152 100
150 153.3 122.6 183.8
115 56.5 46.0 69.0



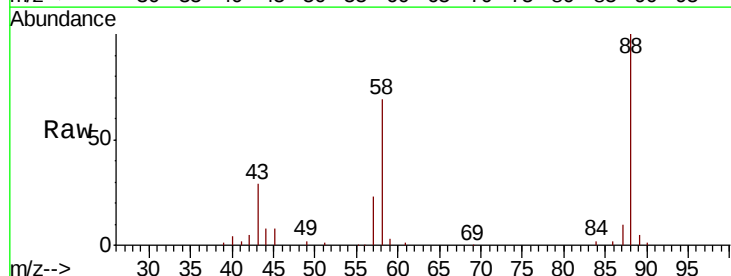
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



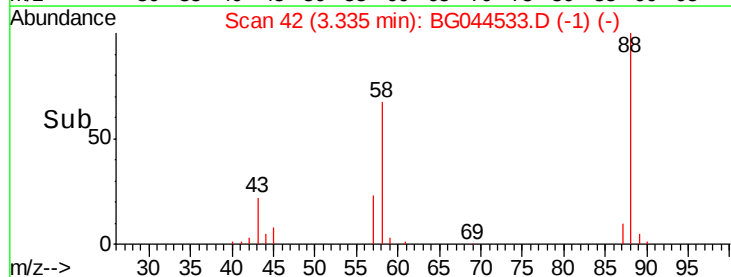
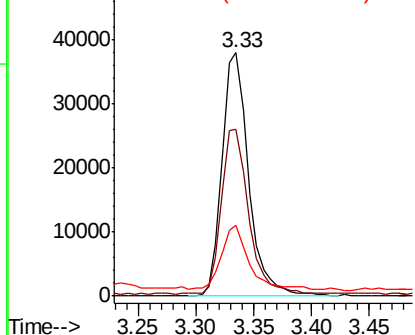
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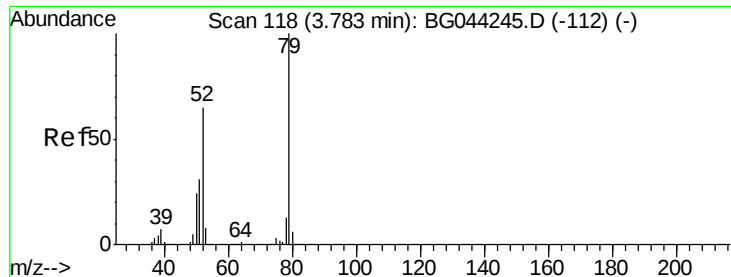
1,4-Dioxane
Concen: 41.967 ng
RT: 3.33 min Scan# 42
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion: 88 Resp: 60761
Ion Ratio Lower Upper
88 100
58 68.5 55.8 83.6
43 26.8 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: 38.423 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.03 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

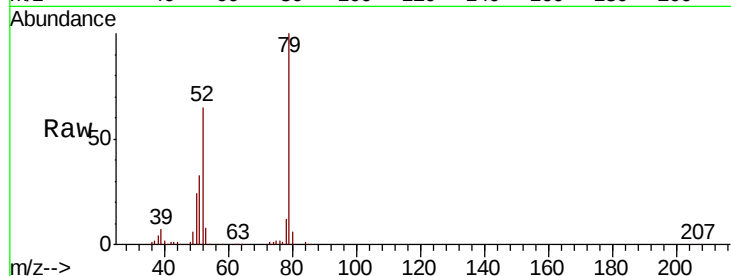
Tot Ion: 79 Resp: 148209

Ion Ratio Lower Upper

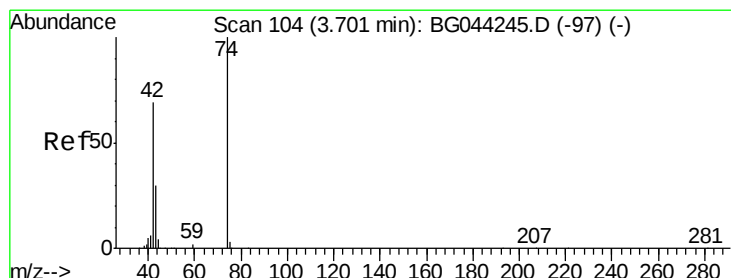
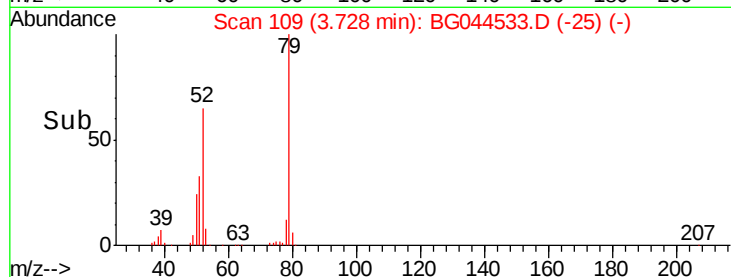
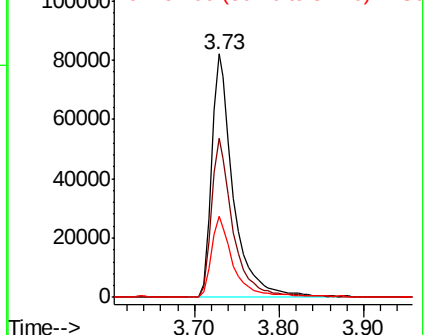
79 100

52 65.2 51.9 77.9

51 33.1 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 45.316 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.03 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

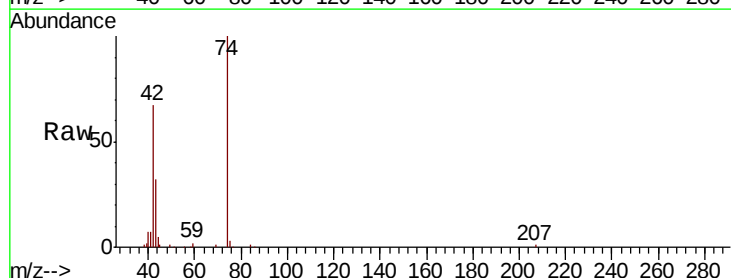
Tgt Ion: 42 Resp: 73044

Ion Ratio Lower Upper

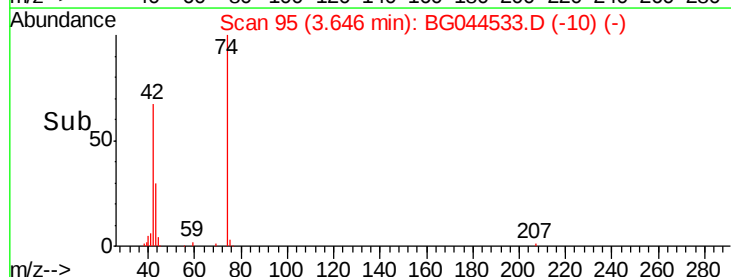
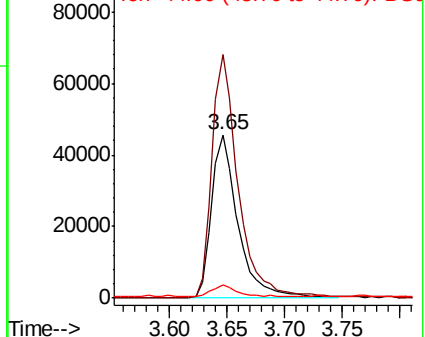
42 100

74 149.0 115.1 172.7

44 7.7 5.6 8.4



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





#5

2-Fluorophenol

Concen: 104.008 ng

RT: 5.46 min Scan# 404

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampled :

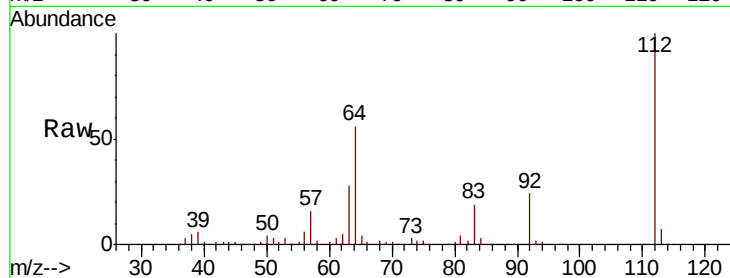
Tot Ion: 112 Resp: 335159

Ion Ratio Lower Upper

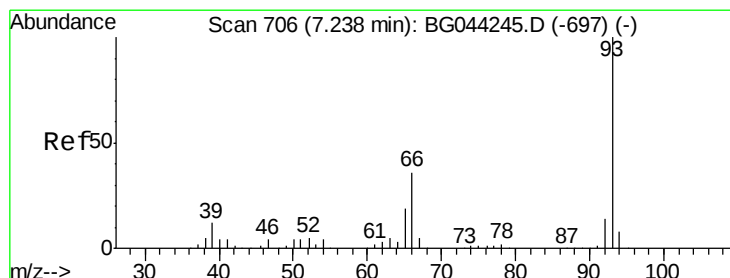
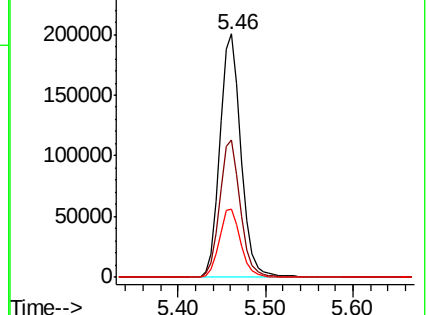
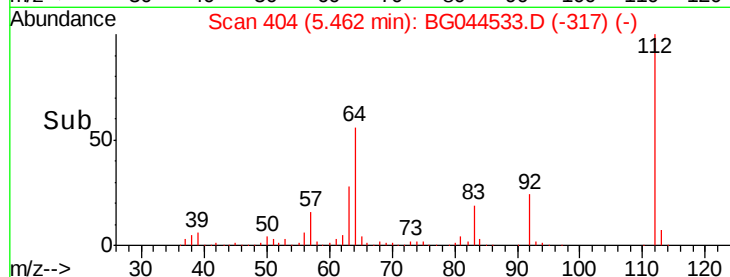
112 100

64 56.2 45.4 68.2

63 27.9 22.9 34.3



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



#6

Aniline

Concen: 22.432 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

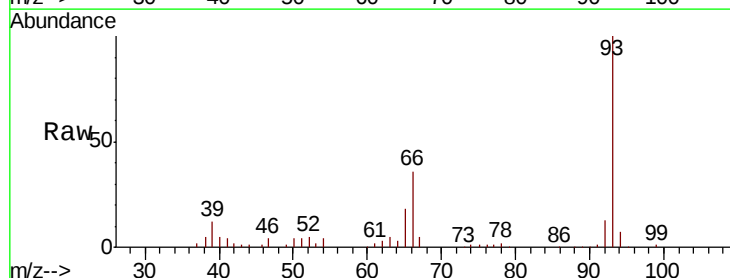
Tgt Ion: 93 Resp: 120486

Ion Ratio Lower Upper

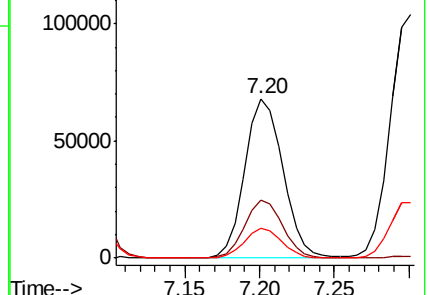
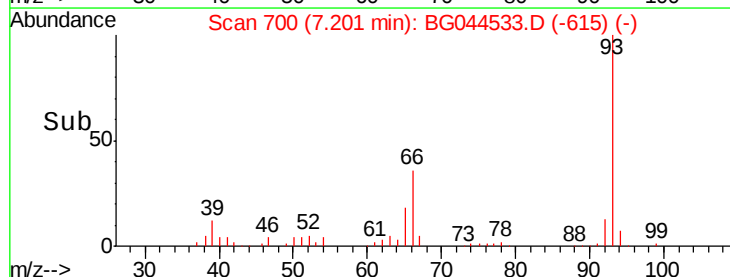
93 100

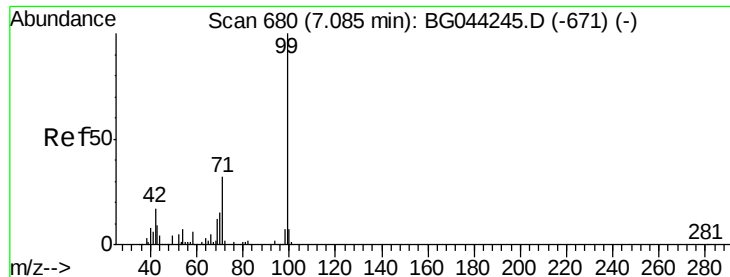
66 36.2 28.7 43.1

65 18.4 15.4 23.0



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





#7

Phenol-d6

Concen: 104.380 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

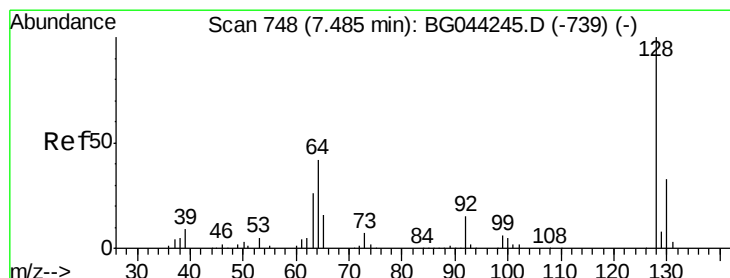
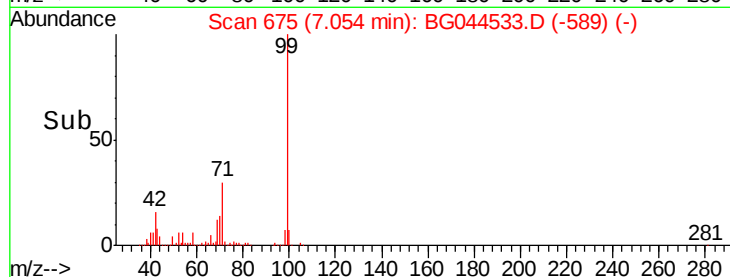
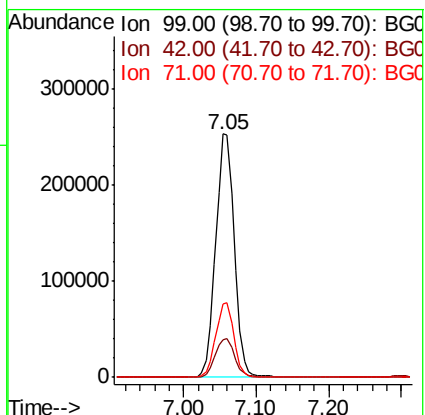
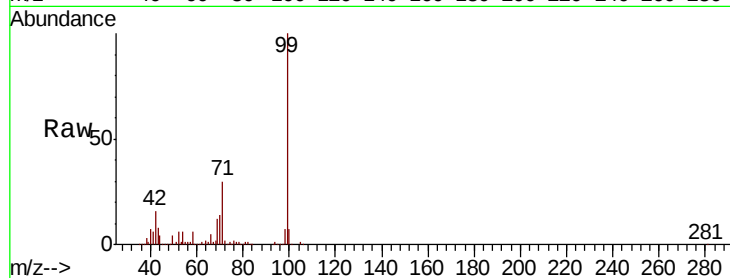
Tot Ion: 99 Resp: 451680

Ion Ratio Lower Upper

99 100

42 15.5 13.8 20.6

71 29.9 25.5 38.3



#8

2-Chlorophenol

Concen: 54.780 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

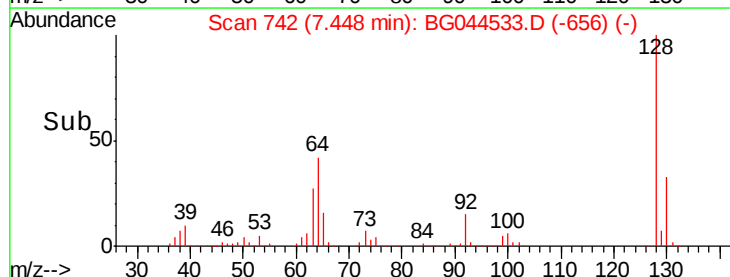
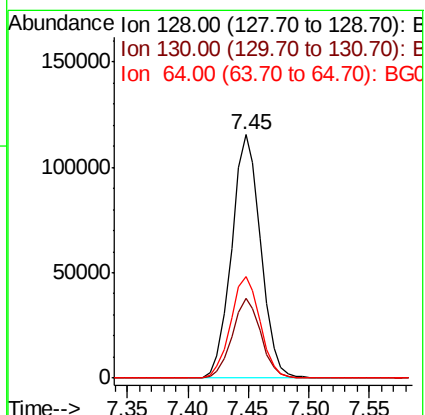
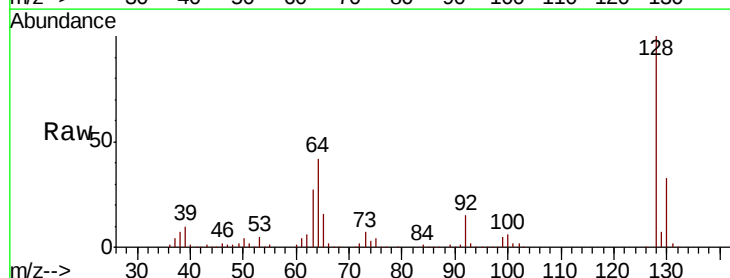
Tgt Ion: 128 Resp: 194005

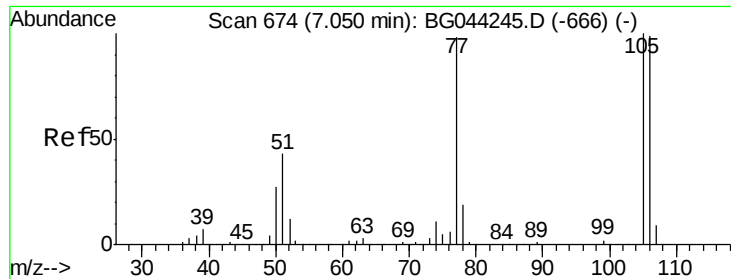
Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

64 41.9 24.2 64.2





#9

Benzaldehyde

Concen: 30.022 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampled :

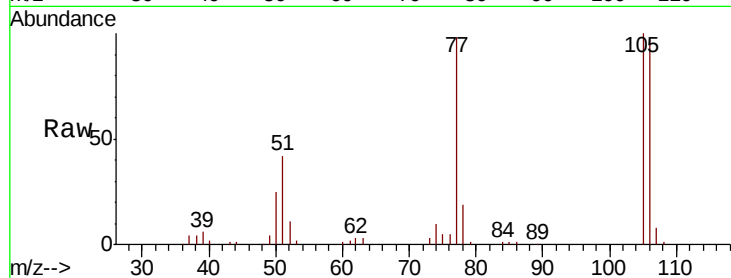
Tot Ion: 77 Resp: 73989

Ion Ratio Lower Upper

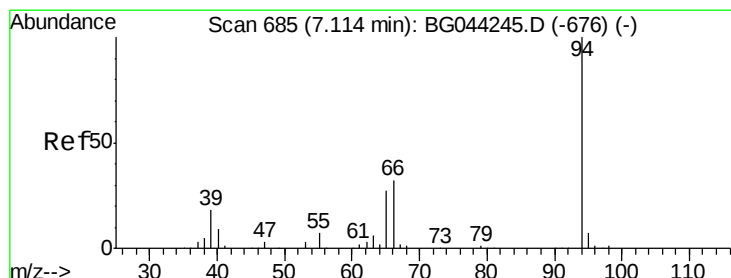
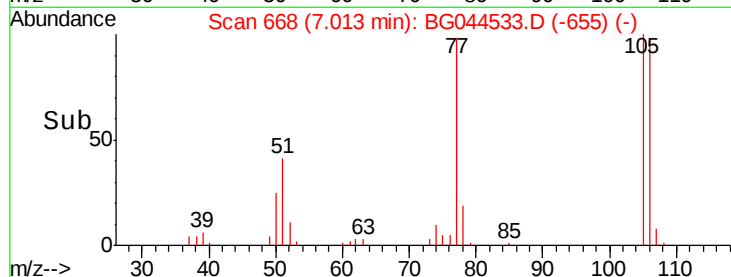
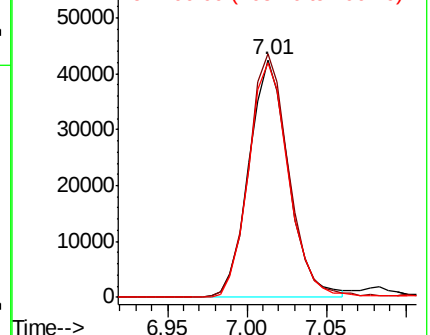
77 100

105 102.5 82.0 122.0

106 99.0 80.7 120.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 55.085 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

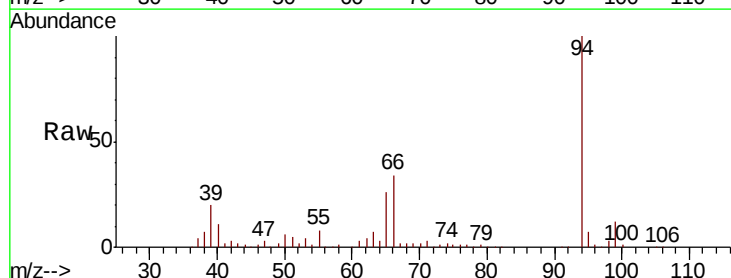
Tgt Ion: 94 Resp: 235903

Ion Ratio Lower Upper

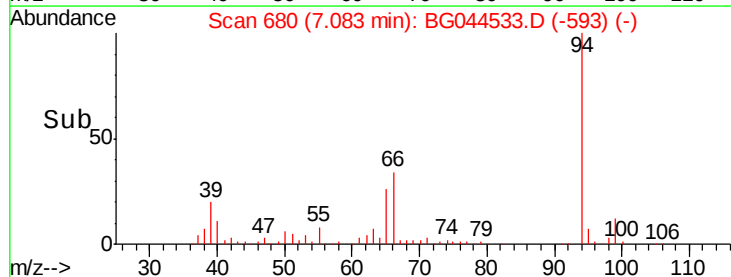
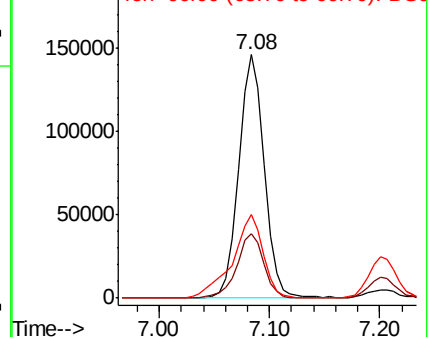
94 100

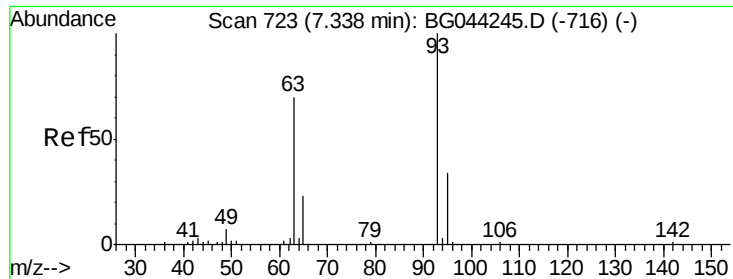
65 26.3 7.0 47.0

66 34.1 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

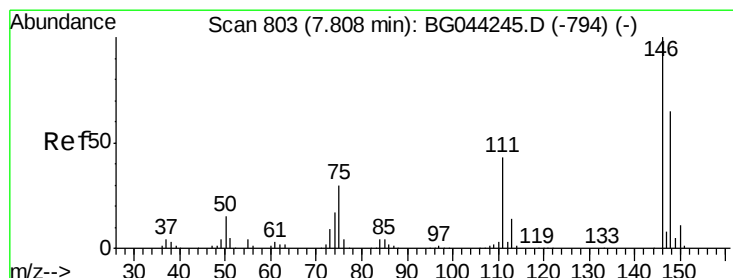
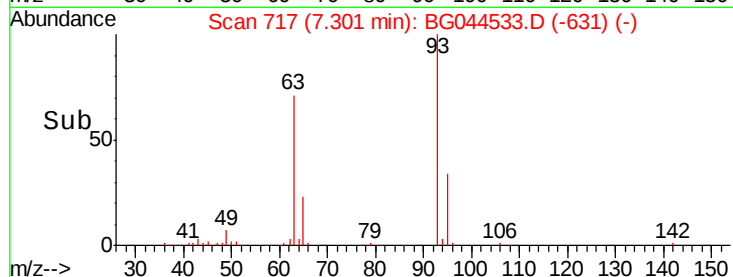
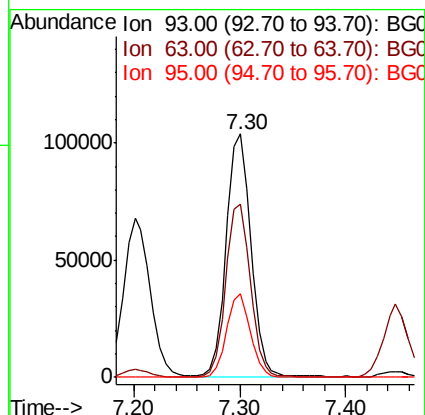
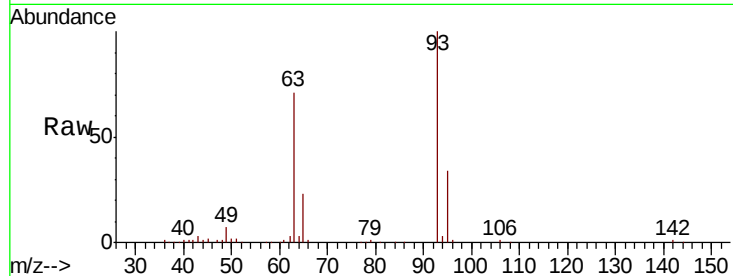




#11
bis(2-Chloroethyl)ether
Concen: 46.259 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

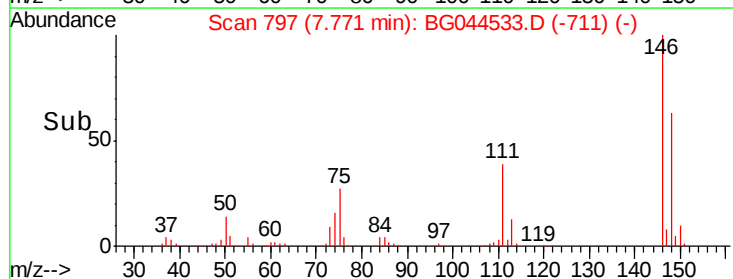
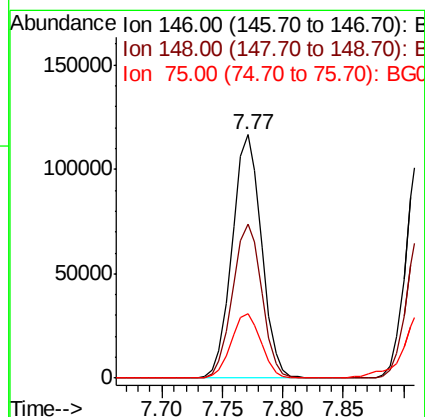
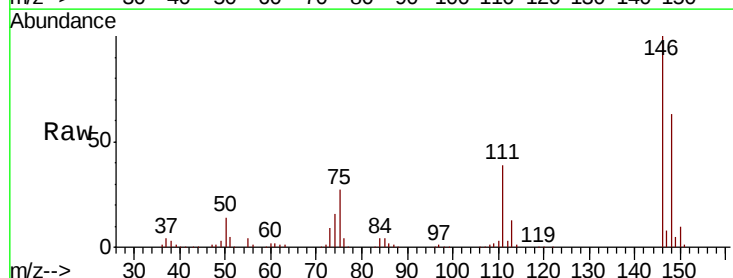
Instrument :
BNA_G
ClientSampleId :

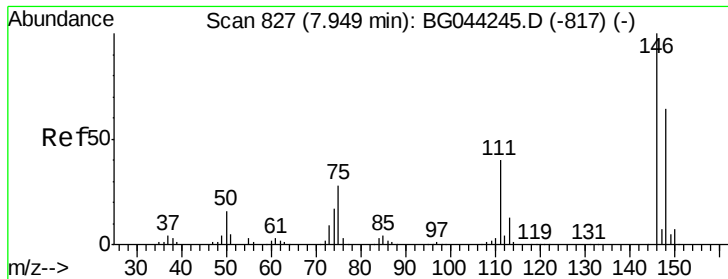
Tot Ion: 93 Resp: 169366
Ion Ratio Lower Upper
93 100
63 70.9 49.2 89.2
95 34.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 46.696 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion: 146 Resp: 197452
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 26.7 23.7 35.5

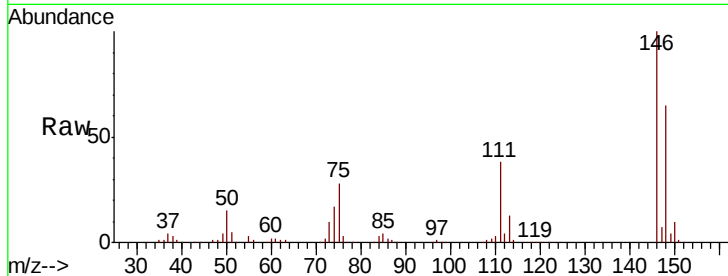




#13
 1,4-Dichlorobenzene
 Concen: 47.055 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
111	38.0	31.8	47.8

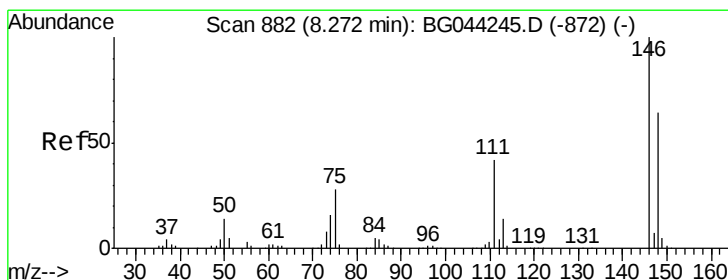
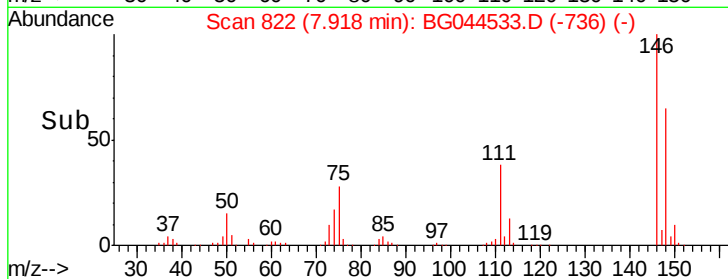
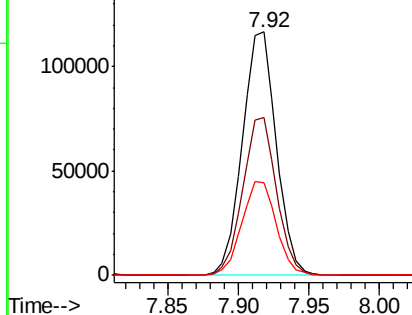


Abundance

Ion 146.00 (145.70 to 146.70): E

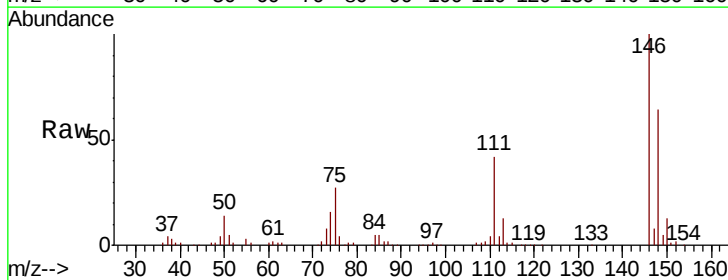
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 47.013 ng
 RT: 8.23 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	42.1	34.0	51.0

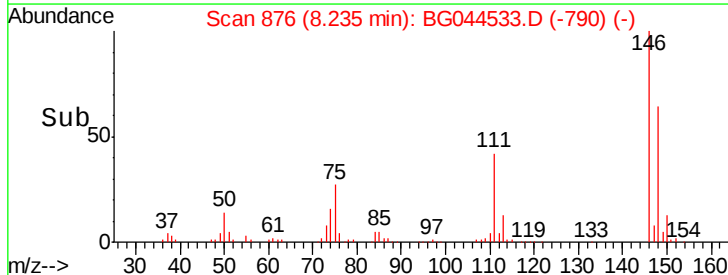
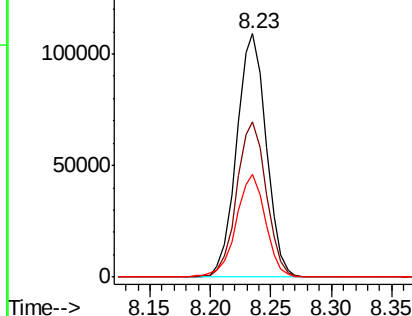


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.101 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

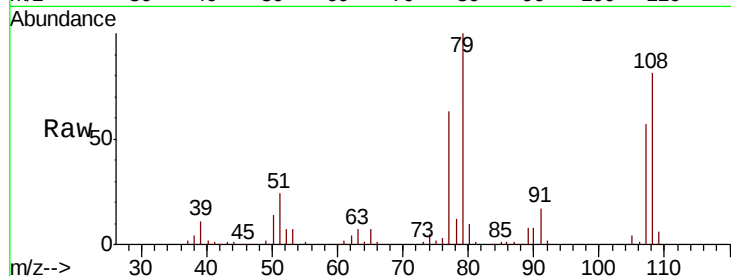
Tot Ion: 79 Resp: 153490

Ion Ratio Lower Upper

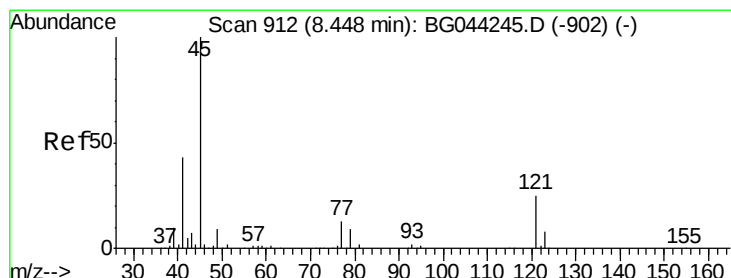
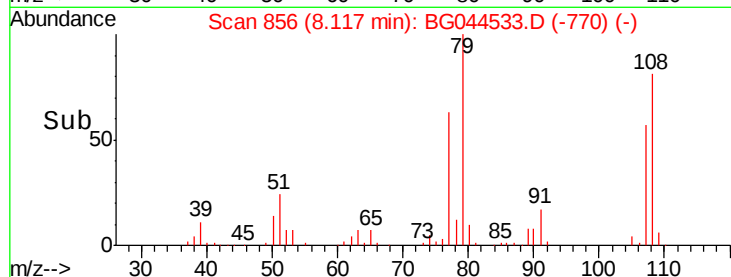
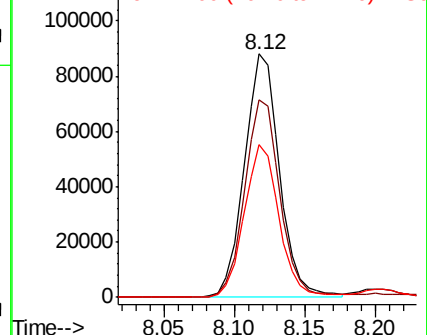
79 100

108 80.9 68.3 102.5

77 63.0 51.8 77.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.954 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

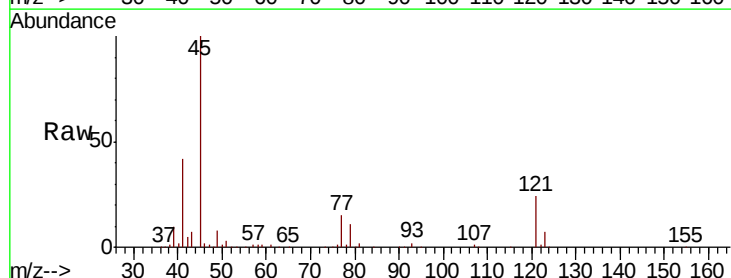
Tgt Ion: 45 Resp: 217813

Ion Ratio Lower Upper

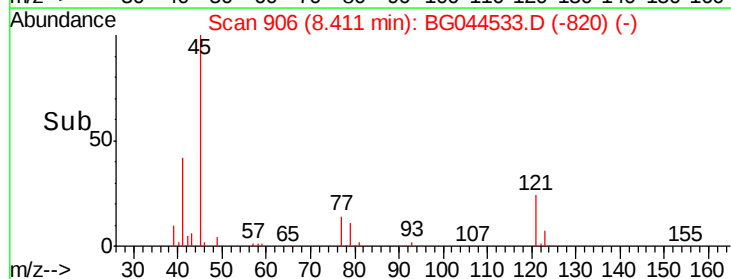
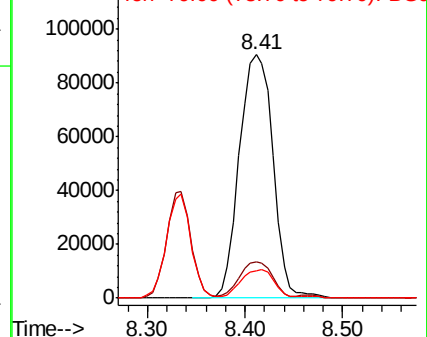
45 100

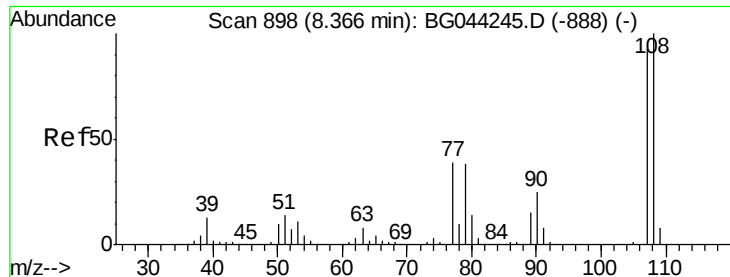
77 14.7 0.0 35.2

79 11.2 0.0 31.1



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





#17

2-Methylphenol

Concen: 53.167 ng

RT: 8.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 162451

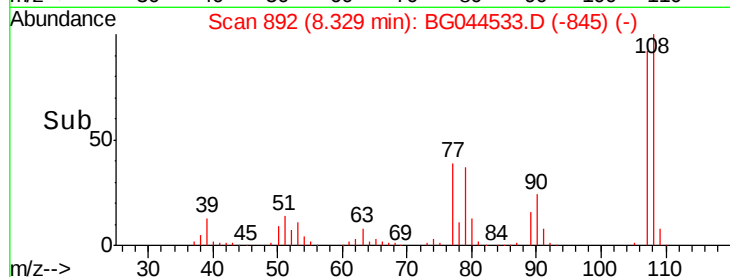
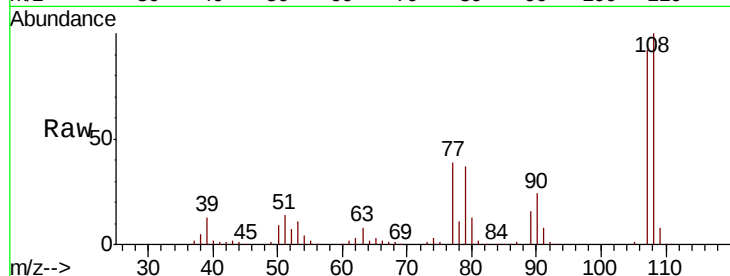
Ion Ratio Lower Upper

107 100

108 109.0 86.4 129.6

77 42.8 34.0 51.0

79 40.5 32.9 49.3

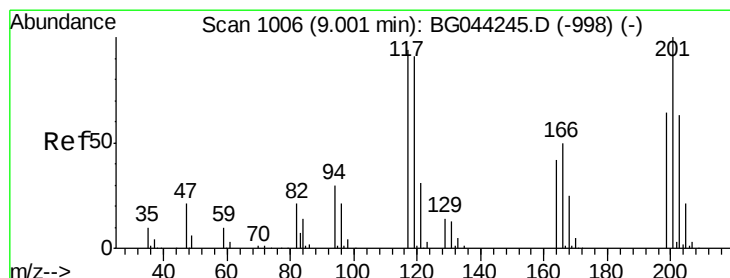
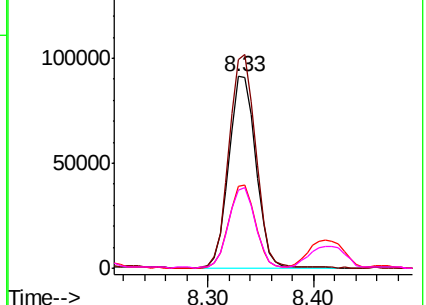


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.301 ng

RT: 8.96 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

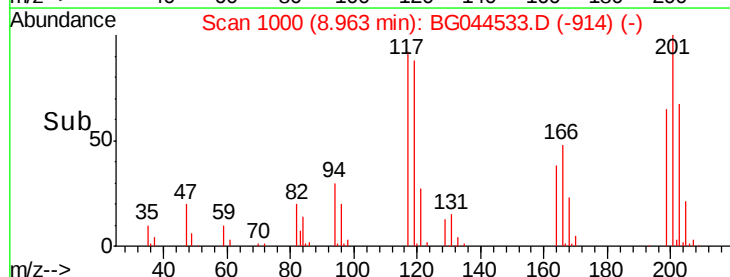
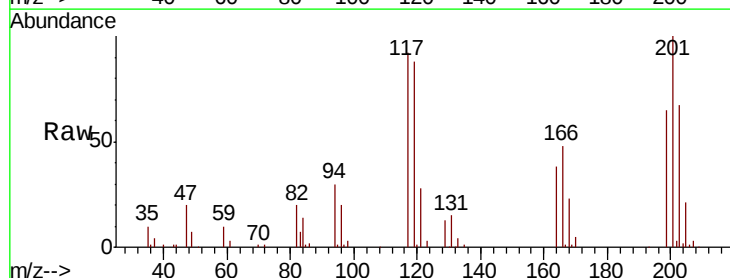
Tgt Ion:117 Resp: 71194

Ion Ratio Lower Upper

117 100

119 95.5 77.5 116.3

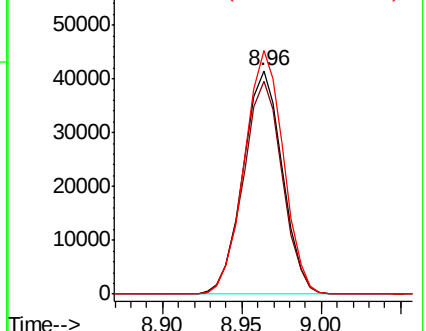
201 109.0 84.9 127.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

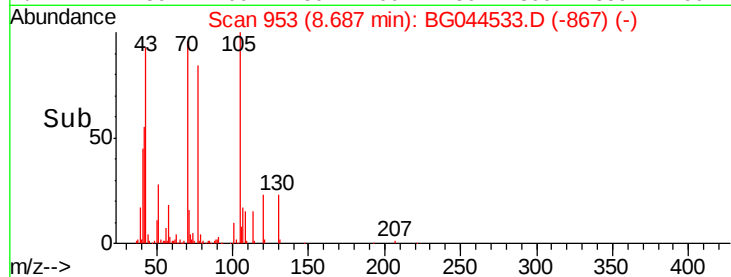
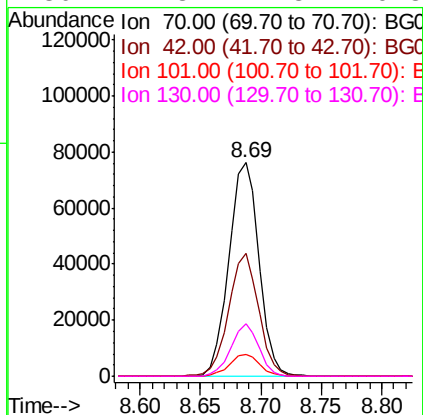
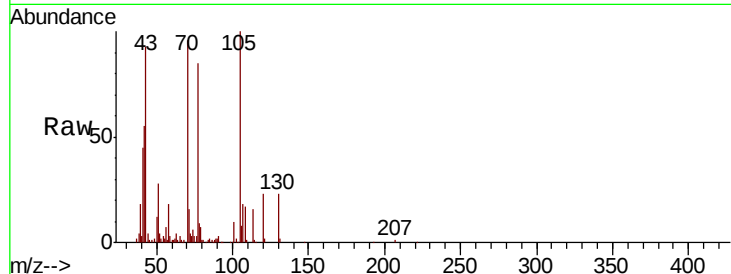




#19
n-Nitroso-di-n-propylamine
Concen: 45.753 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

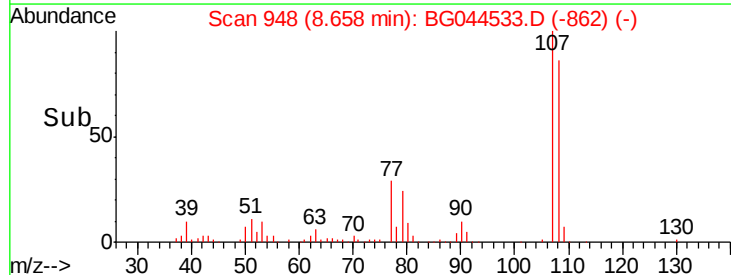
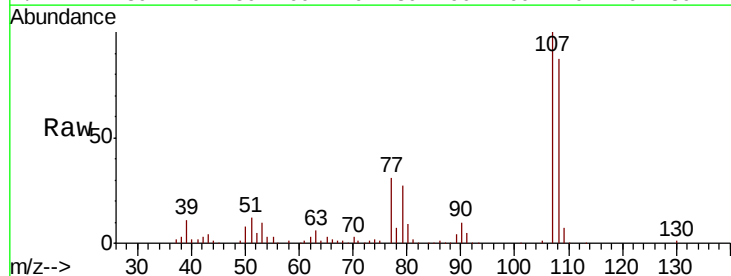
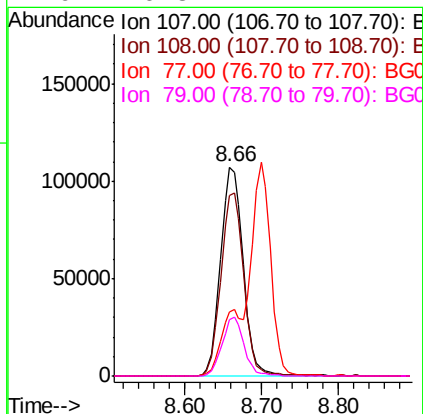
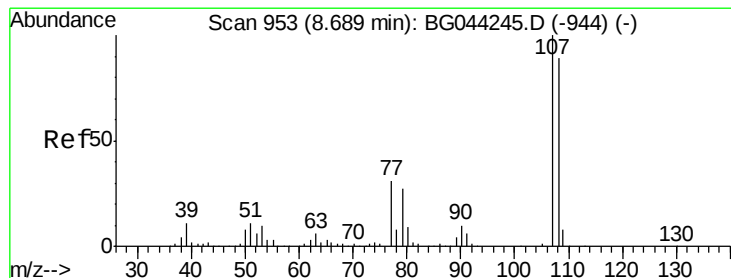
Instrument :
BNA_G
ClientSampled :

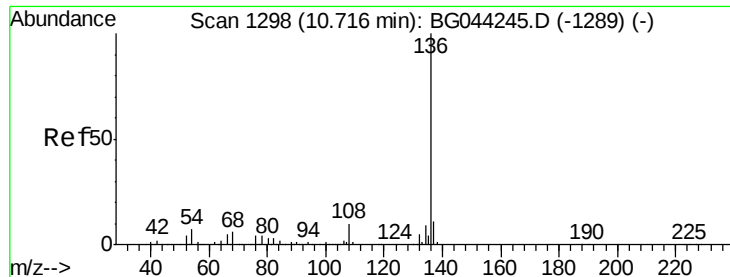
Tot Ion: 70 Resp: 131948
Ion Ratio Lower Upper
70 100
42 57.8 46.2 69.2
101 10.1 8.4 12.6
130 24.3 17.8 26.8



#20
3+4-Methylphenols
Concen: 51.907 ng
RT: 8.66 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:107 Resp: 218580
Ion Ratio Lower Upper
107 100
108 86.7 68.5 108.5
77 30.5 10.9 50.9
79 26.8 7.1 47.1

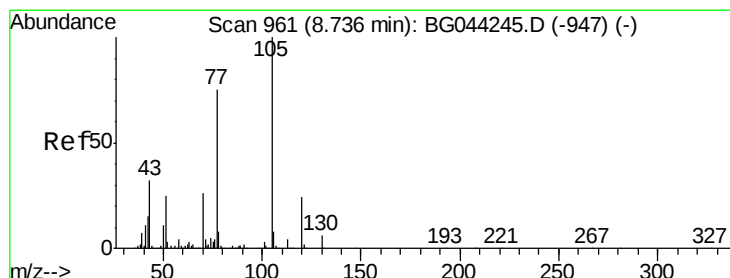
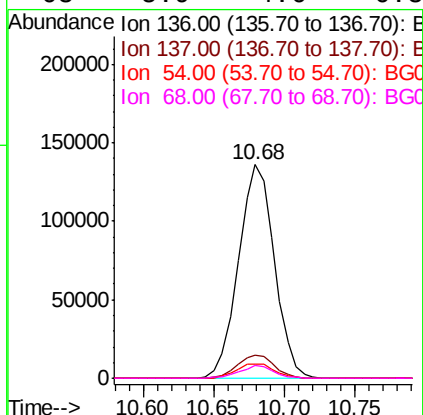
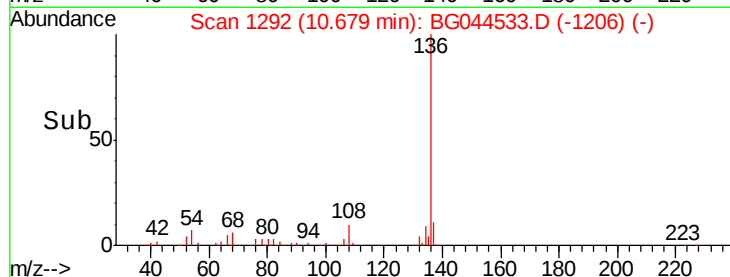
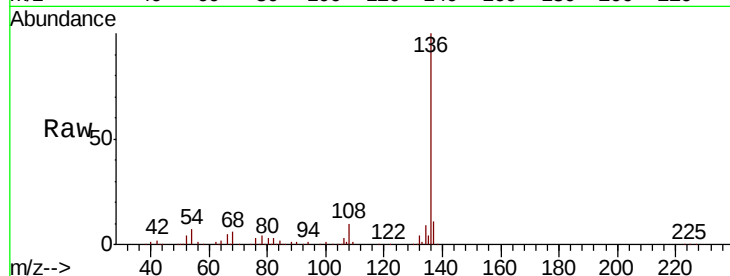




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

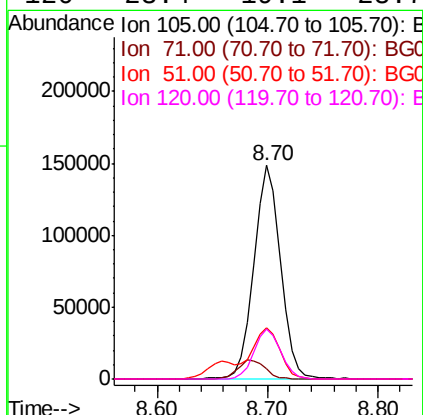
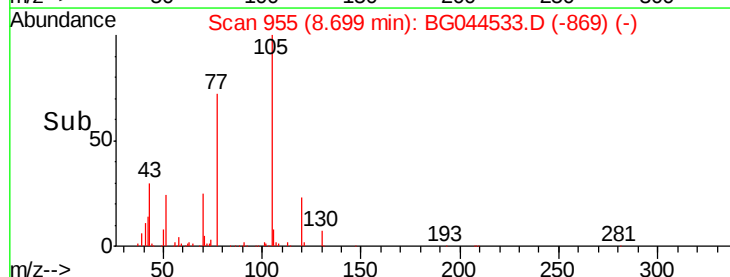
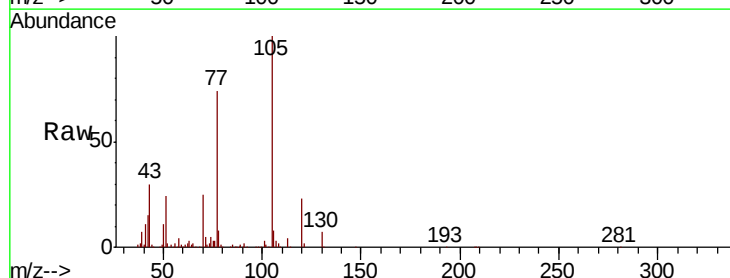
Instrument :
BNA_G
ClientSampleId :

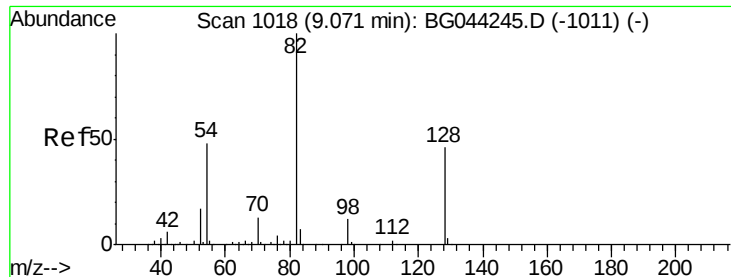
Tot Ion:136	Resp:	241477
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	6.8	5.8 8.8
68	5.9	4.6 6.8



#22
Acetophenone
Concen: 42.967 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:105	Resp:	252404
Ion Ratio	Lower	Upper
105	100	
71	4.7	3.4 5.0
51	24.2	20.2 30.4
120	23.4	19.1 28.7

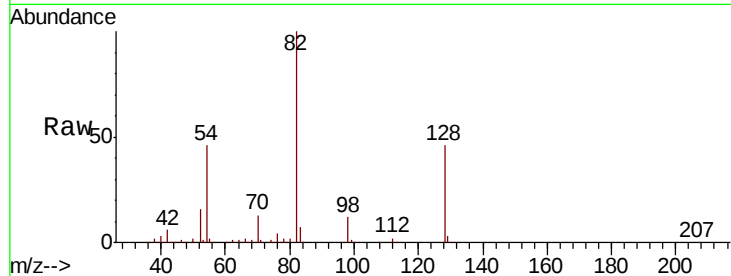




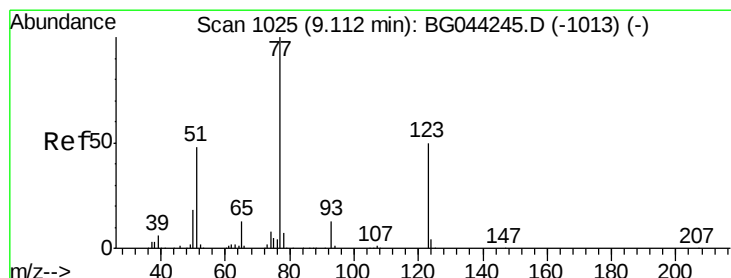
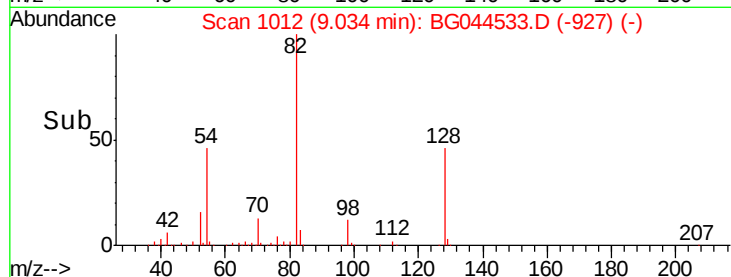
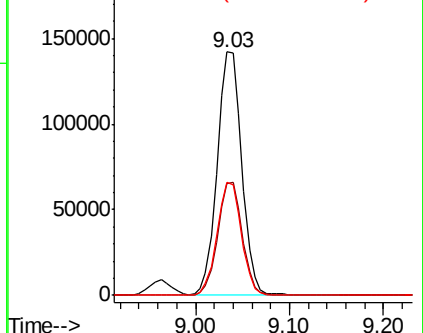
#23
 Nitrobenzene-d5
 Concen: 60.690 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	259585
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.5	54.7
54	46.3	38.6	58.0

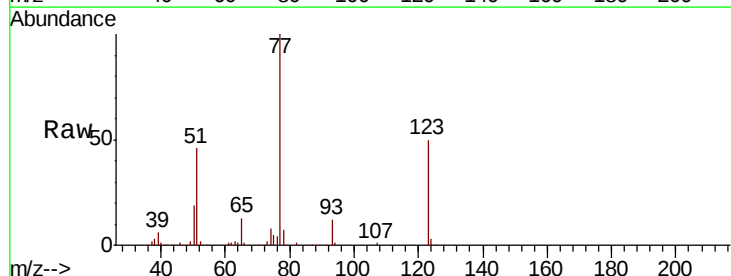


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

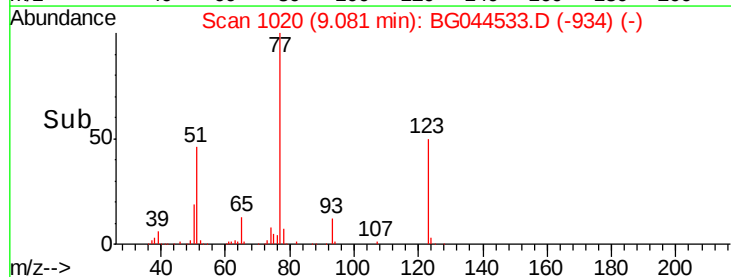
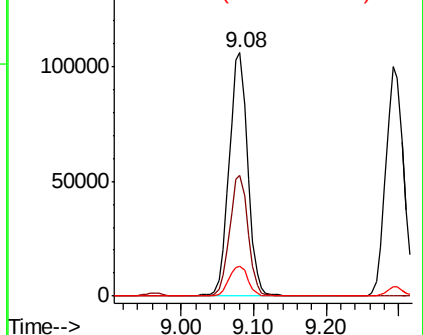


#24
 Nitrobenzene
 Concen: 45.456 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	77	Resp	189810
Ion Ratio	Lower	Upper	
77	100		
123	49.6	39.9	59.9
65	12.5	10.4	15.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

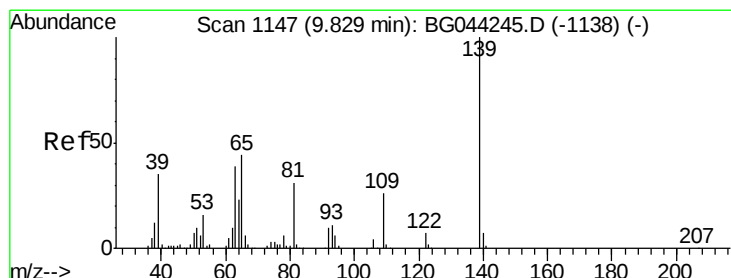
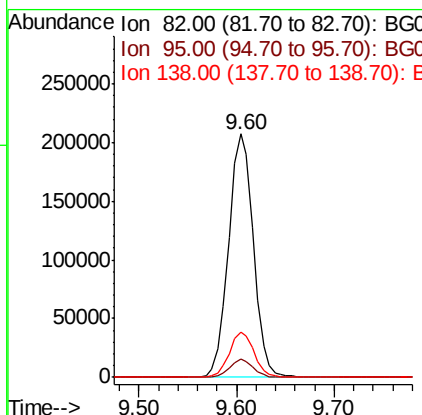
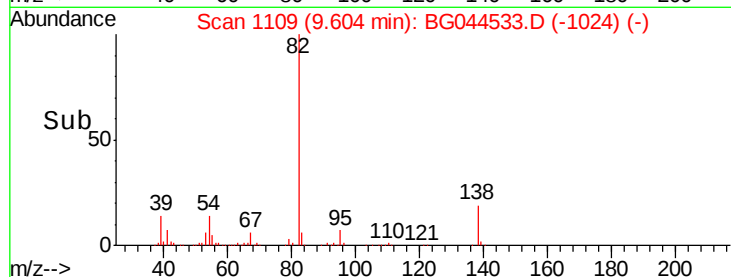
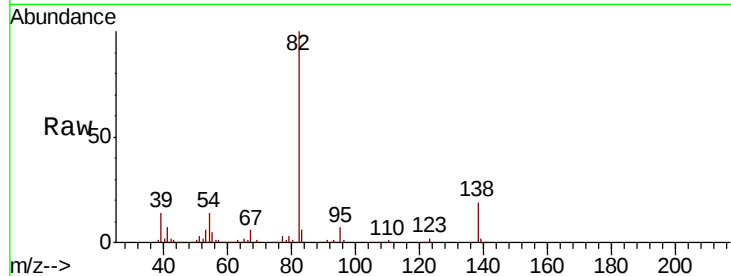




#25
Isophorone
Concen: 45.795 ng
RT: 9.60 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

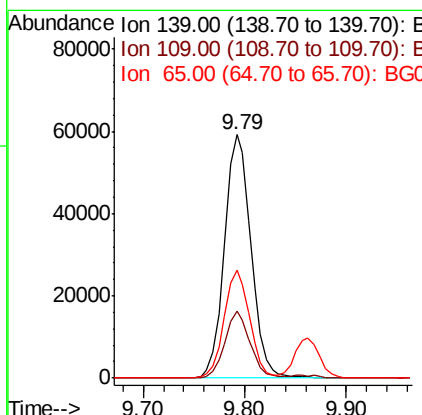
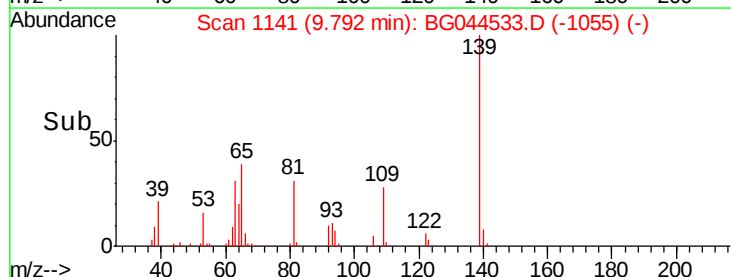
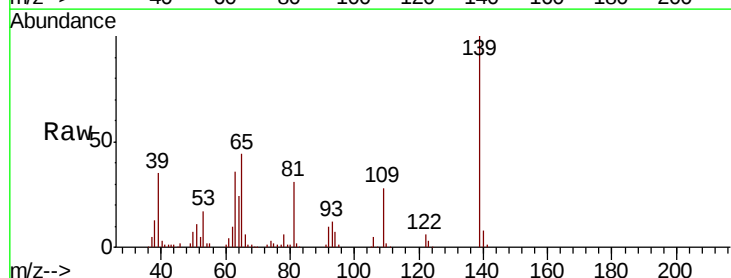
Instrument :
BNA_G
ClientSampled :

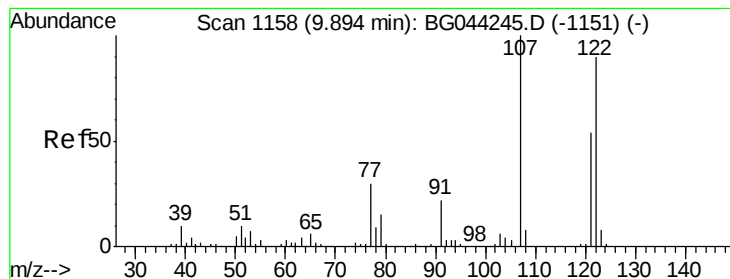
Tot Ion: 82 Resp: 365090
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.8 15.0 22.4



#26
2-Nitrophenol
Concen: 49.598 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion: 139 Resp: 107464
Ion Ratio Lower Upper
139 100
109 27.6 21.0 31.4
65 44.1 35.0 52.4





#27

2,4-Dimethylphenol

Concen: 58.829 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

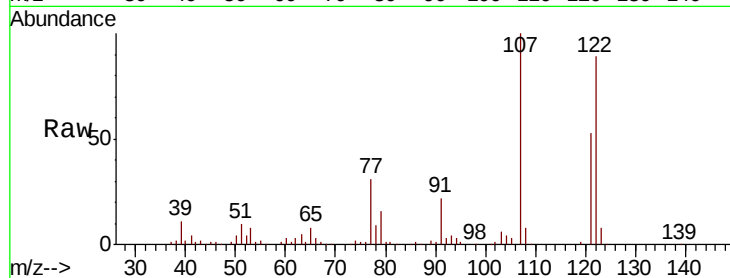
Tot Ion:122 Resp: 179928

Ion Ratio Lower Upper

122 100

107 111.9 88.8 133.2

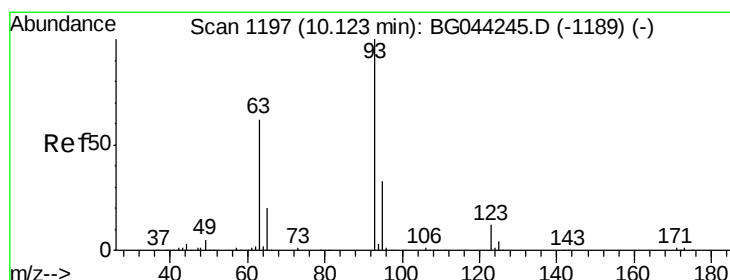
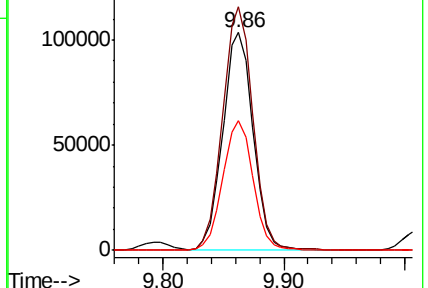
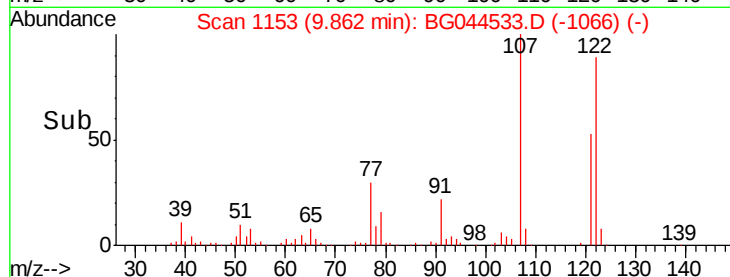
121 59.6 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.405 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

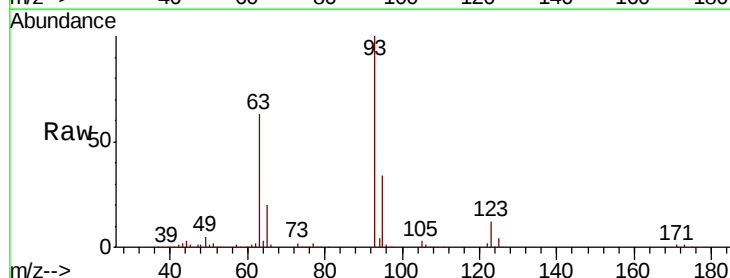
Tgt Ion: 93 Resp: 230836

Ion Ratio Lower Upper

93 100

95 33.7 26.6 40.0

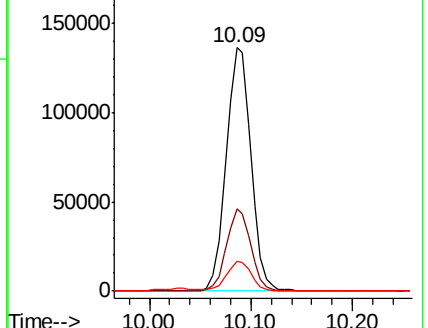
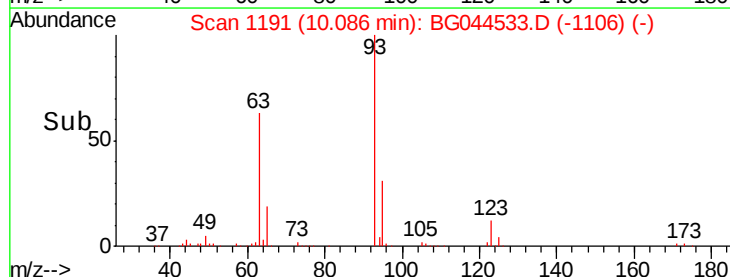
123 12.4 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

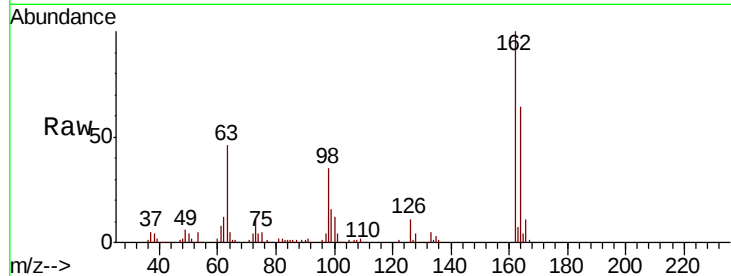




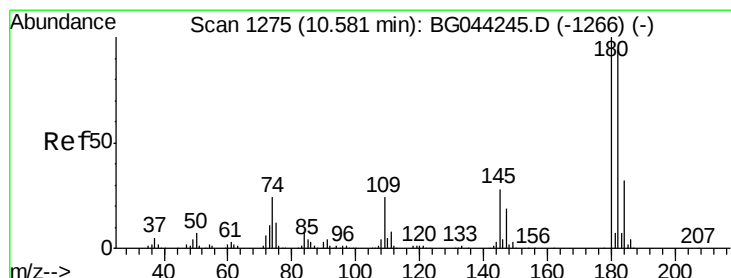
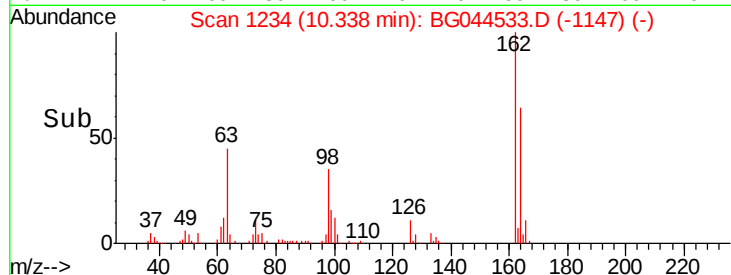
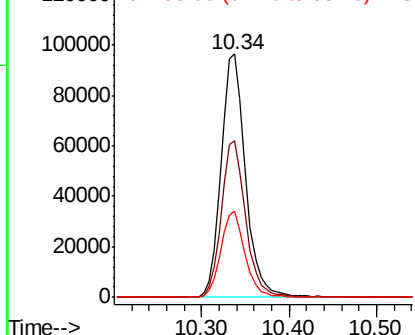
#29
2,4-Dichlorophenol
Concen: 50.248 ng
RT: 10.34 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 185830
Ion Ratio Lower Upper
162 100
164 64.3 44.7 84.7
98 35.4 15.8 55.8

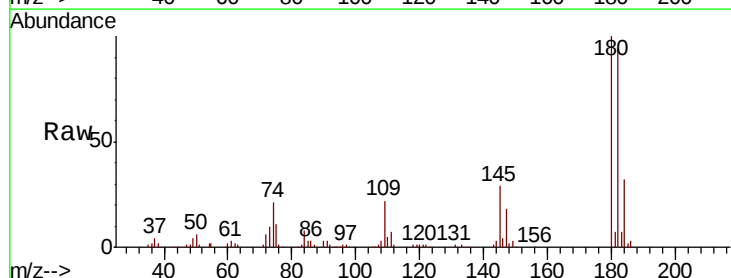


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

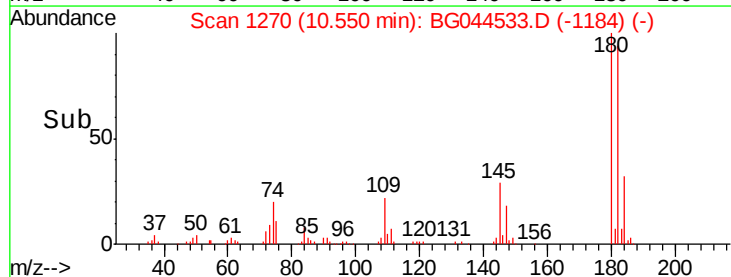
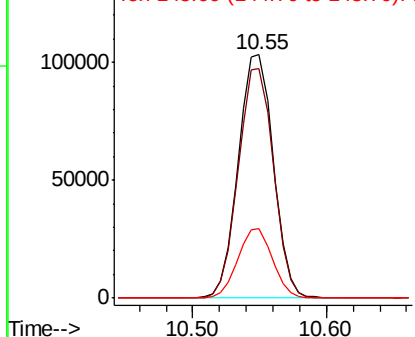


#30
1,2,4-Trichlorobenzene
Concen: 44.301 ng
RT: 10.55 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:180 Resp: 187861
Ion Ratio Lower Upper
180 100
182 94.2 75.5 113.3
145 28.8 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

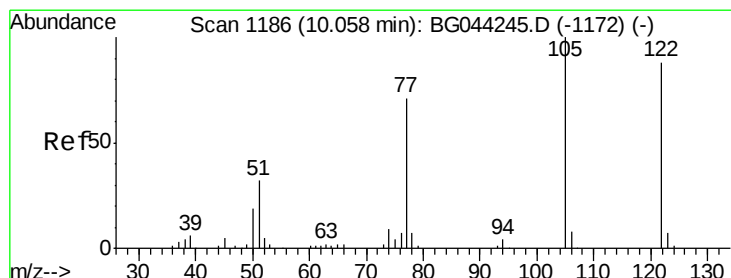
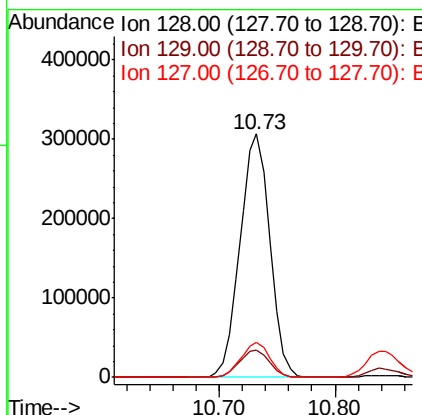
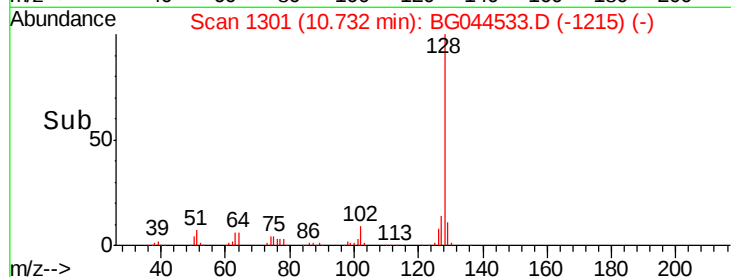
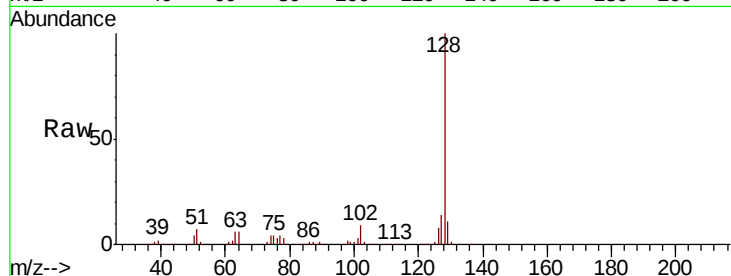




#31
Naphthalene
Concen: 46.847 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

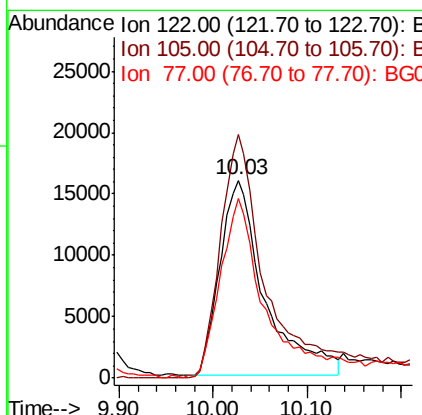
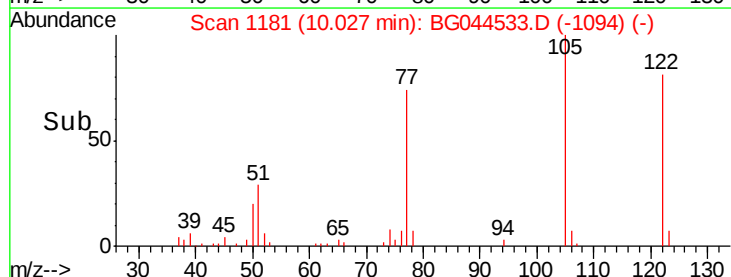
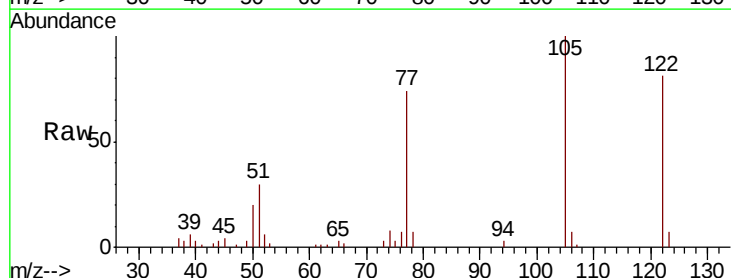
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.4	11.6	17.4



#32
Benzoic acid
Concen: 32.593 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	93.5	133.5
77	90.9	61.0	101.0

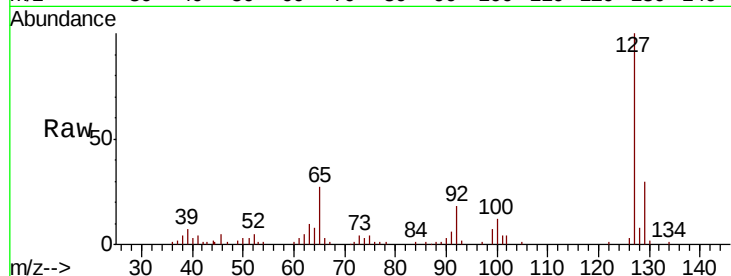




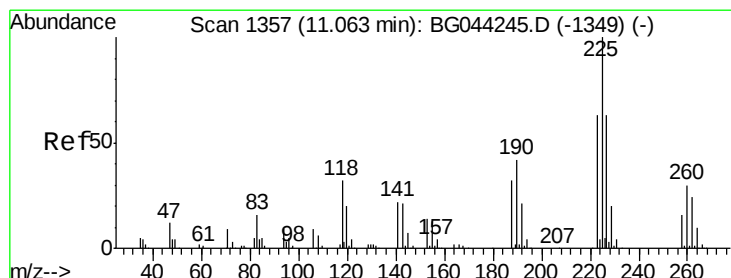
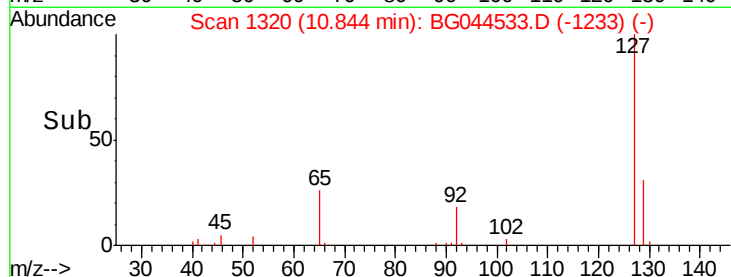
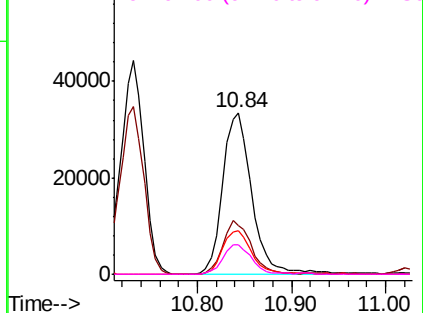
#33
4-Chloroaniline
Concen: 13.557 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	72234	
Ion Ratio	Lower	Upper	
127 100			
129 30.5	26.6	40.0	
65 26.8	22.5	33.7	
92 18.3	14.1	21.1	

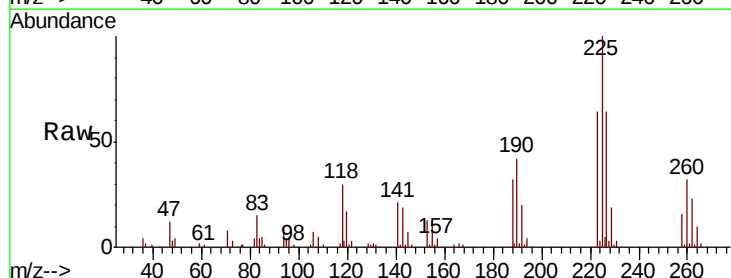


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

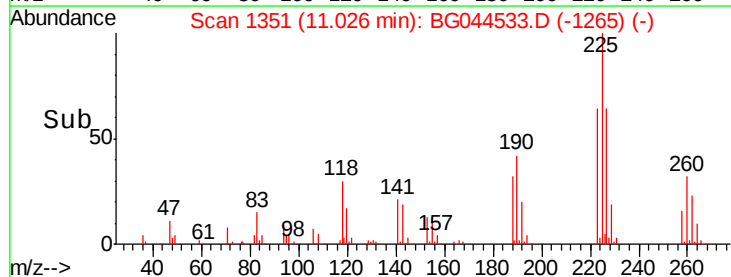
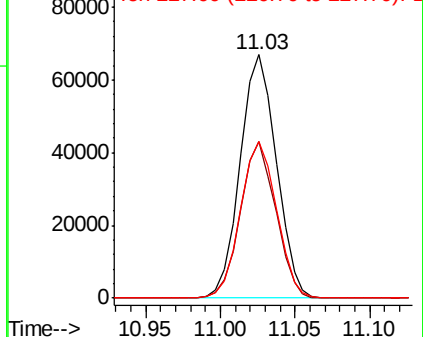


#34
Hexachlorobutadiene
Concen: 43.222 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	225	Resp:	112781
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.2	75.4
227	64.4	50.8	76.2



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

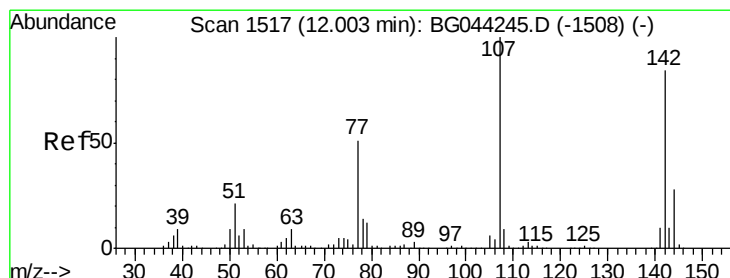
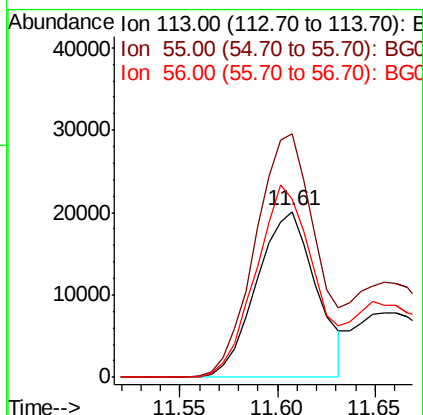
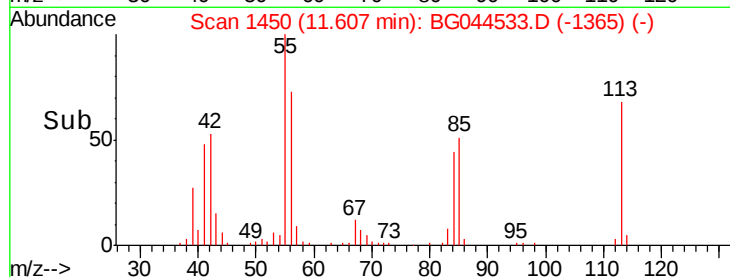
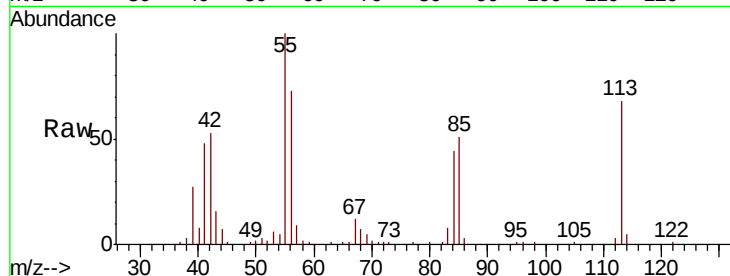




#35
Caprolactam
Concen: 31.411 ng
RT: 11.61 min Scan# 1450
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

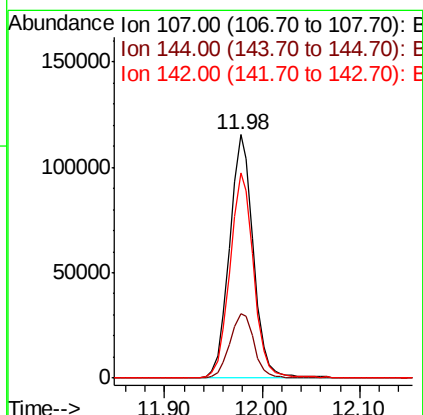
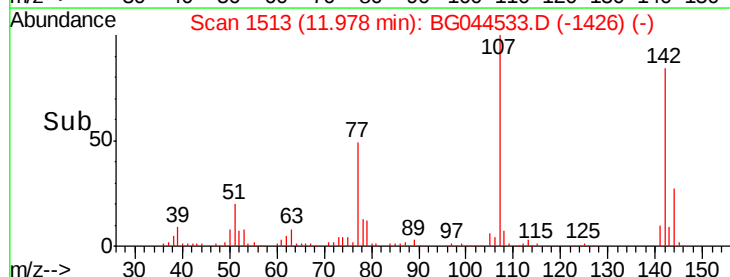
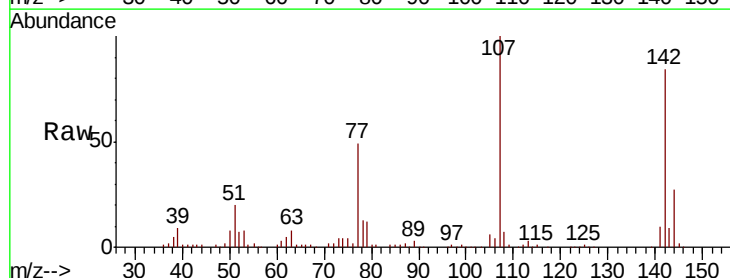
Instrument :
BNA_G
ClientSampled :

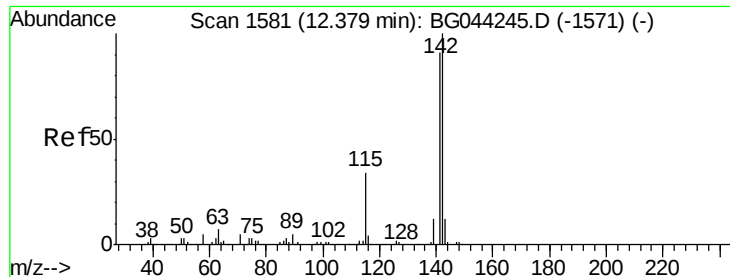
Tot Ion:113 Resp: 42554
Ion Ratio Lower Upper
113 100
55 146.9 129.9 169.9
56 107.6 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 50.211 ng
RT: 11.98 min Scan# 1513
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:107 Resp: 194691
Ion Ratio Lower Upper
107 100
144 26.7 22.2 33.4
142 84.4 67.4 101.0

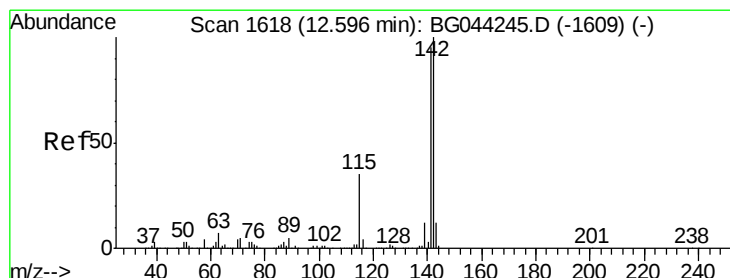
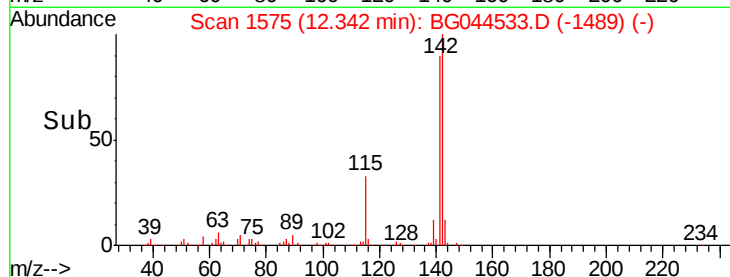
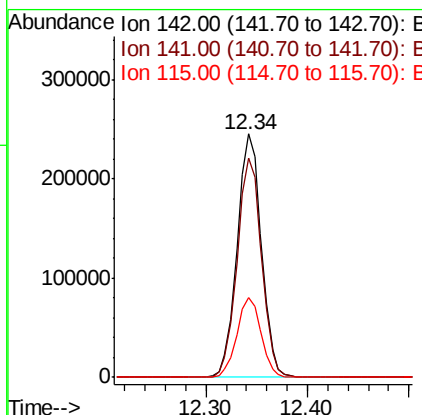
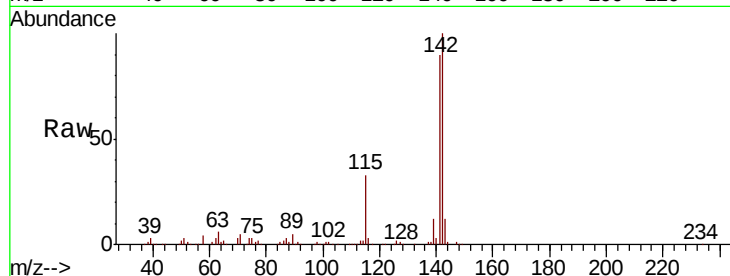




#37
2-Methylnaphthalene
Concen: 46.697 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

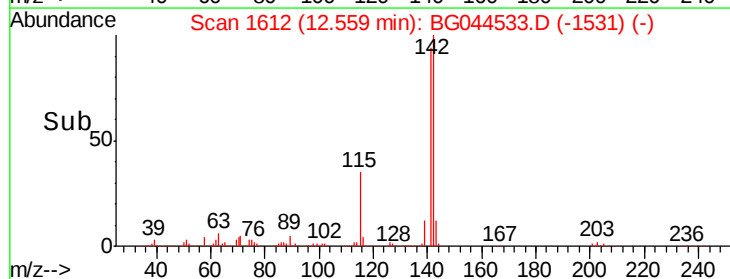
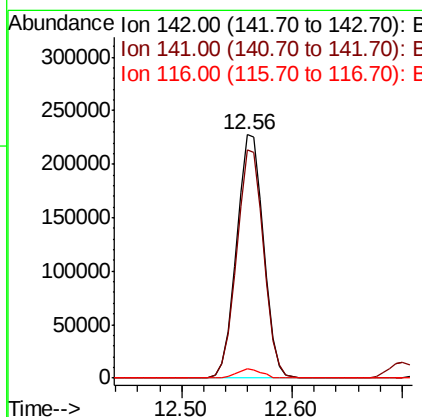
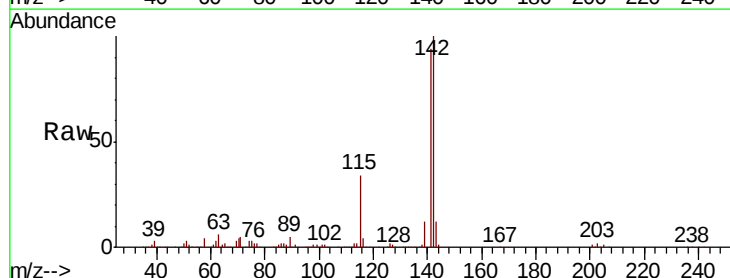
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.2	109.8
115	33.0	27.1	40.7



#38
1-Methylnaphthalene
Concen: 47.731 ng
RT: 12.56 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.8	113.6
116	3.8	3.1	4.7

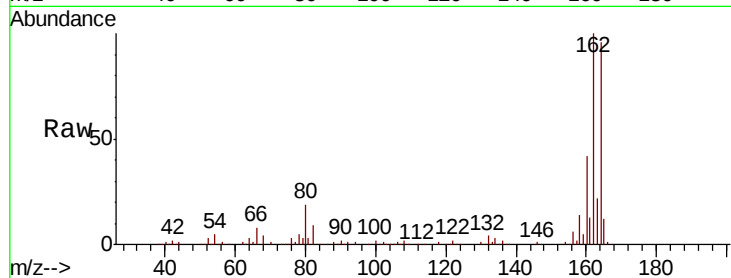




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.7	121.1
160	44.0	35.3	52.9

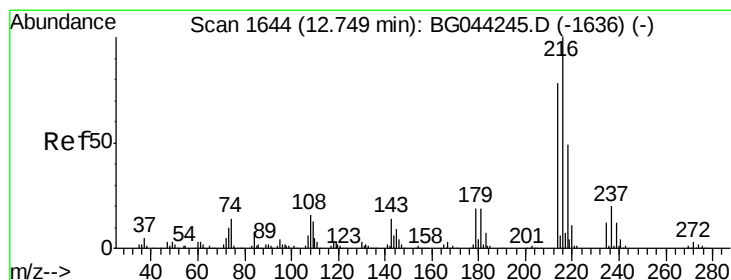
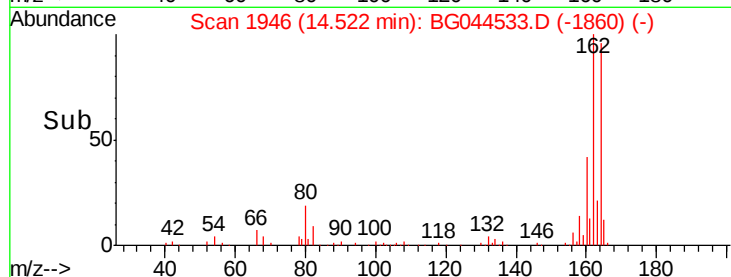
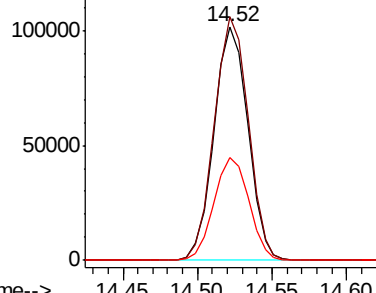


Abundance

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: 43.011 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.6
179	20.7	16.2	24.4
108	18.2	13.5	20.3

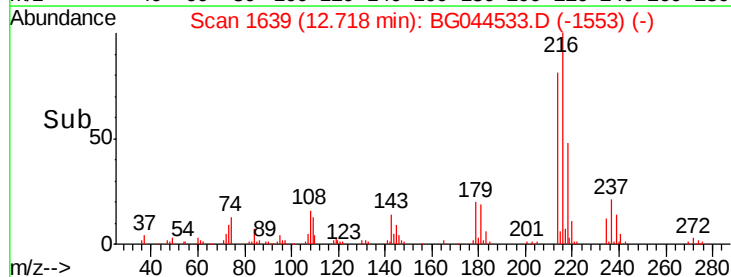
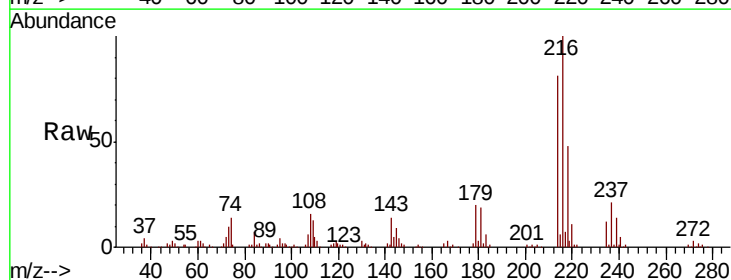
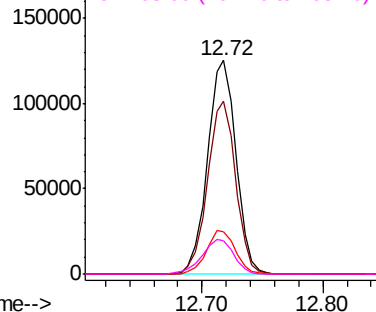
Abundance

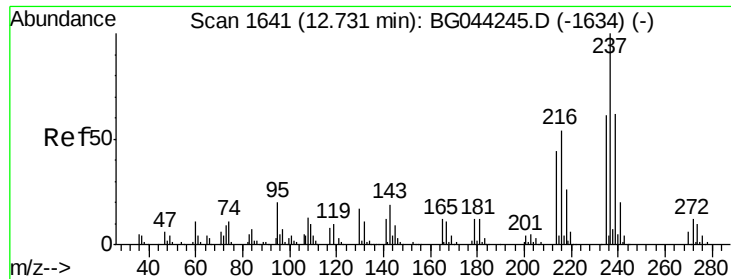
Ion 216.00 (215.70 to 216.70): E

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

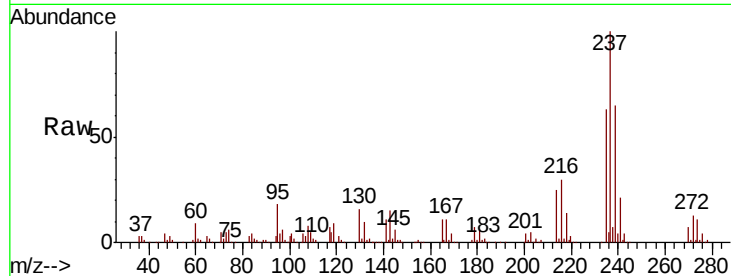




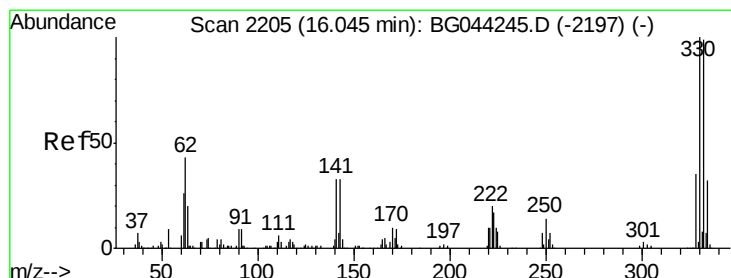
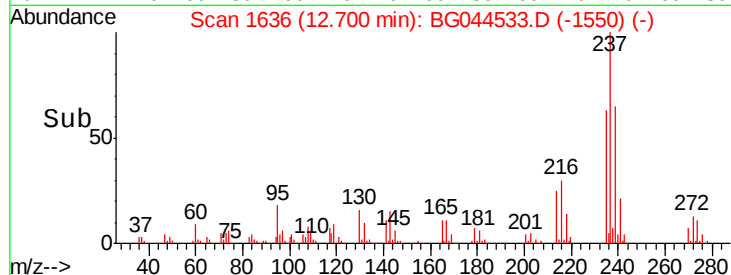
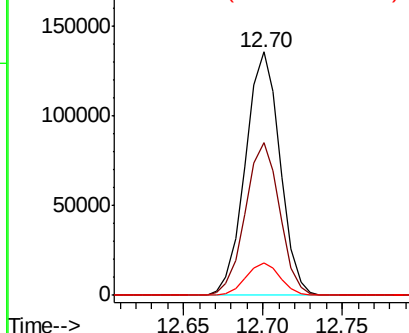
#41
Hexachlorocyclopentadiene
Concen: 89.907 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 205941
Ion Ratio Lower Upper
237 100
235 62.5 41.2 81.2
272 13.2 0.0 32.4

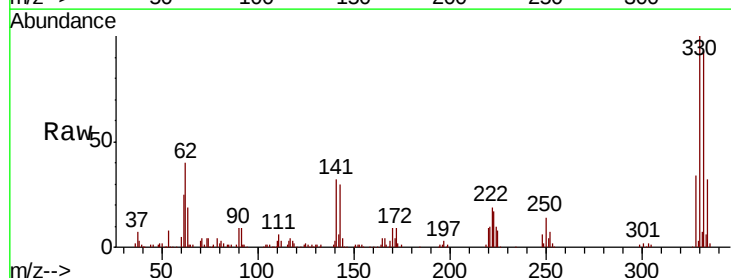


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

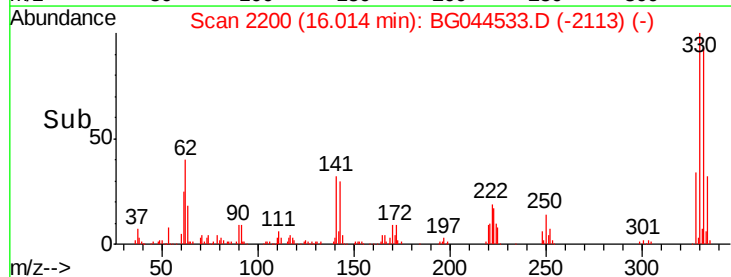
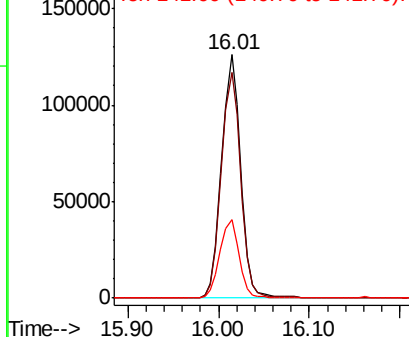


#42
2,4,6-Tribromophenol
Concen: 98.267 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:330 Resp: 184101
Ion Ratio Lower Upper
330 100
332 94.6 77.2 115.8
141 32.7 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

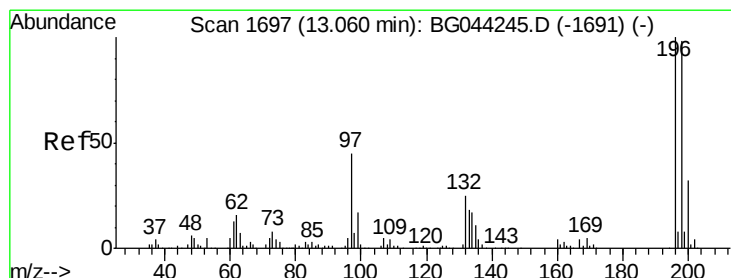
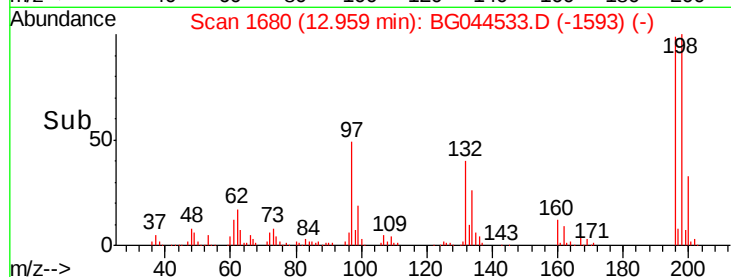
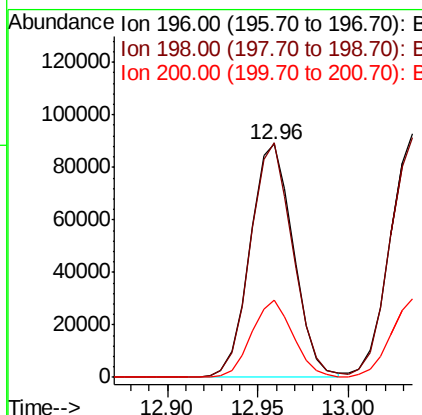
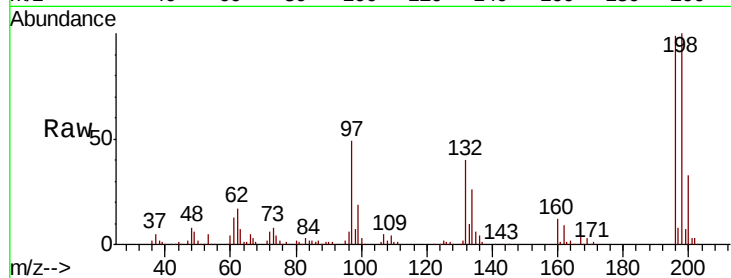




#43
 2,4,6-Trichlorophenol
 Concen: 47.716 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

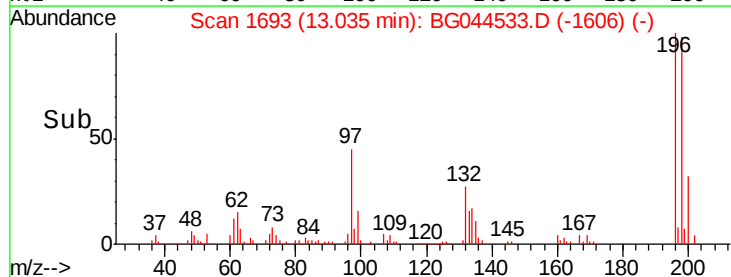
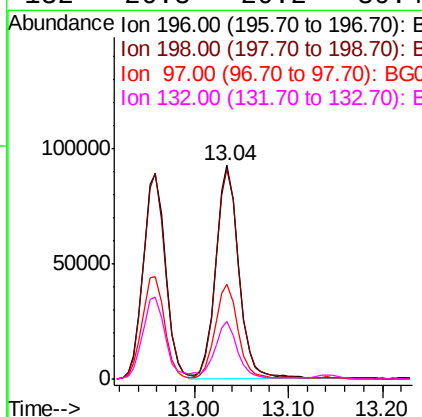
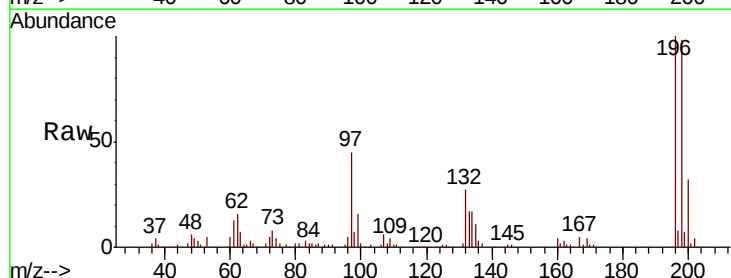
Instrument :
 BNA_G
 ClientSampleId :

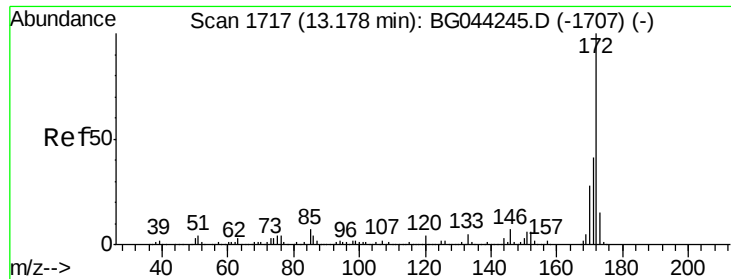
Tot Ion:196 Resp: 147236
 Ion Ratio Lower Upper
 196 100
 198 100.8 79.3 118.9
 200 32.9 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 50.424 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion:196 Resp: 158922
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.2 117.2
 97 44.6 36.2 54.4
 132 26.8 20.2 30.4

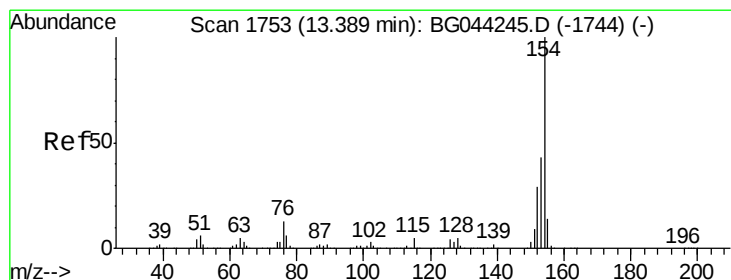
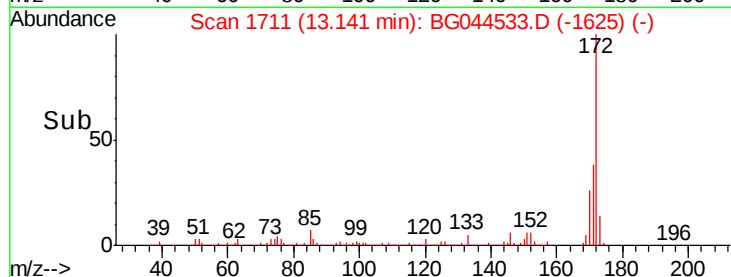
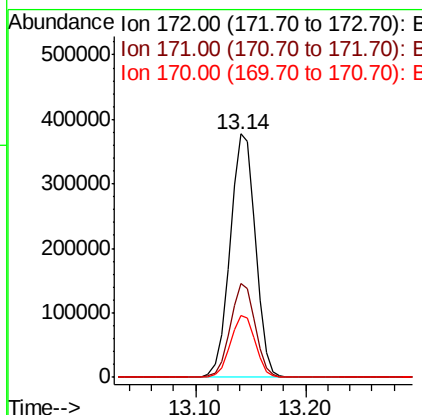
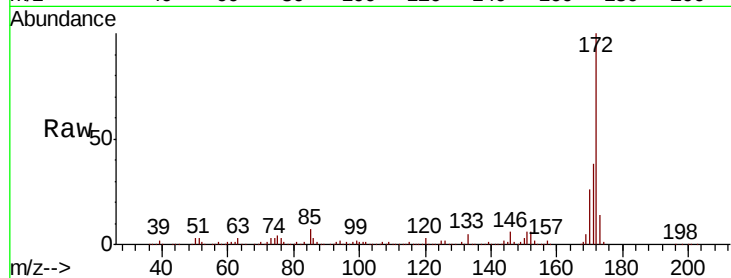




#45
 2-Fluorobiphenyl
 Concen: 63.630 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

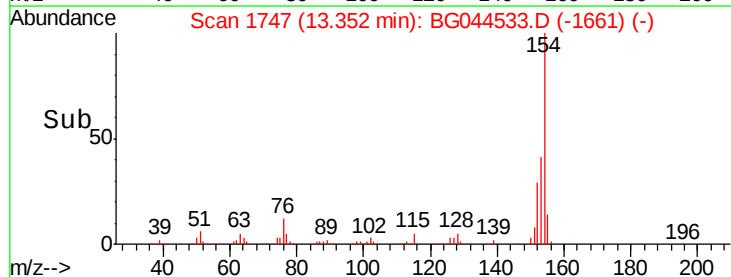
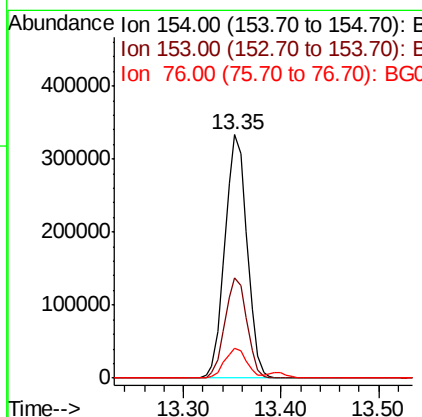
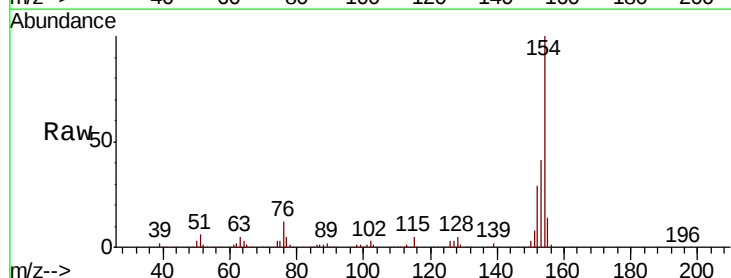
Instrument :
 BNA_G
 ClientSampleId :

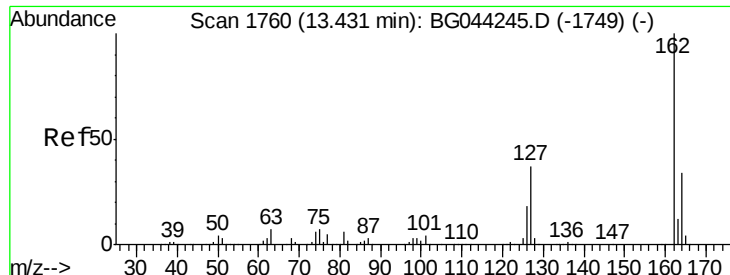
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.9	49.3
170	25.6	22.0	33.0



#46
 1,1'-Biphenyl
 Concen: 45.424 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.7	62.7
76	12.2	0.0	32.9

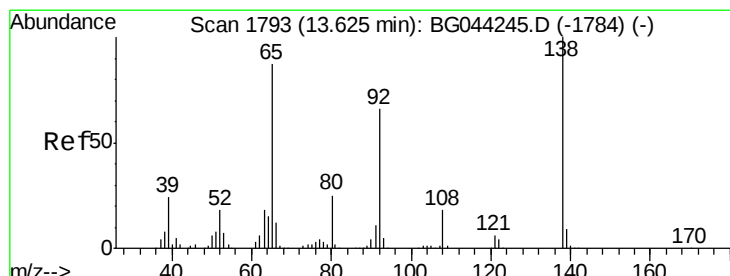
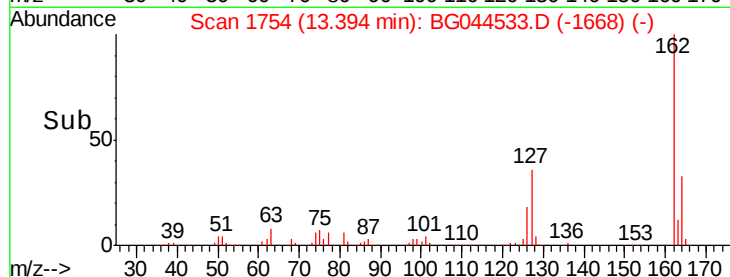
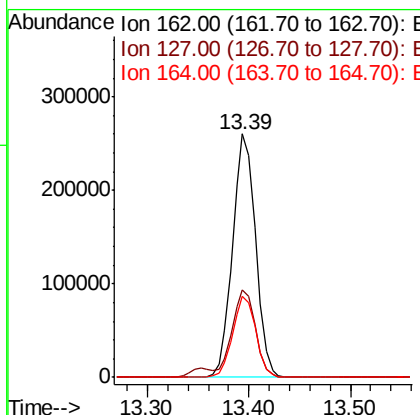
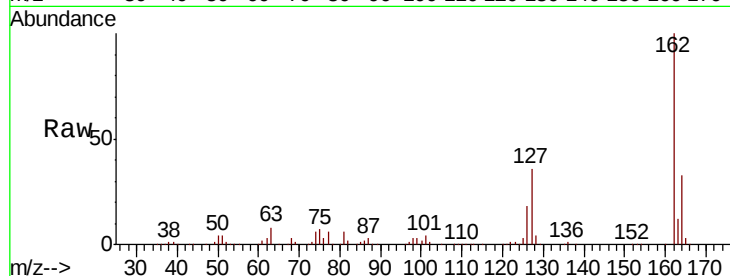




#47
 2-Chloronaphthalene
 Concen: 44.733 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

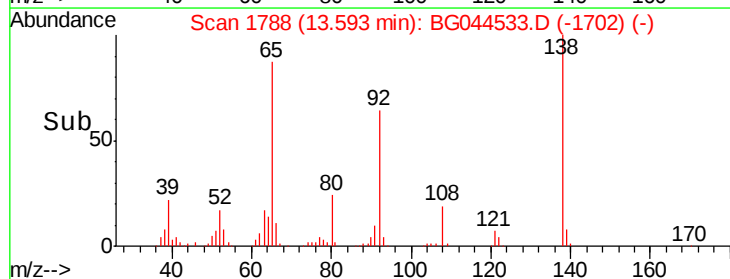
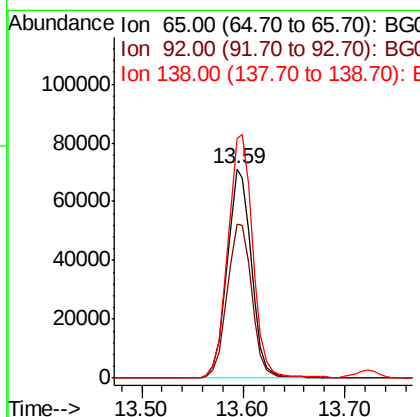
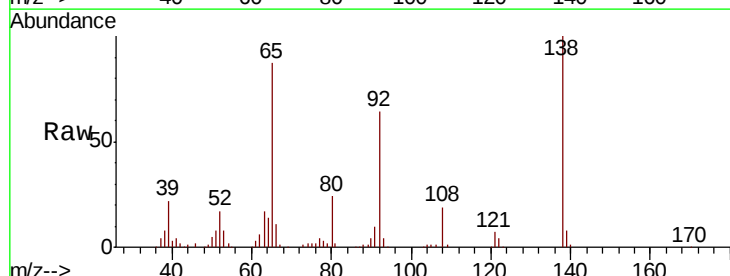
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.0	45.0
164	33.4	27.2	40.8



#48
 2-Nitroaniline
 Concen: 43.699 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	60.3	90.5
138	114.4	91.9	137.9





#49

Acenaphthylene

Concen: 48.528 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

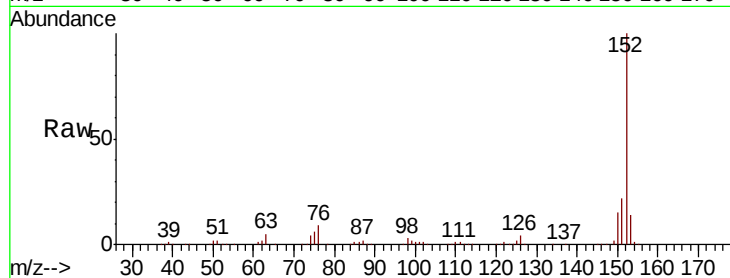
Tot Ion:152 Resp: 651989

Ion Ratio Lower Upper

152 100

151 21.7 18.1 27.1

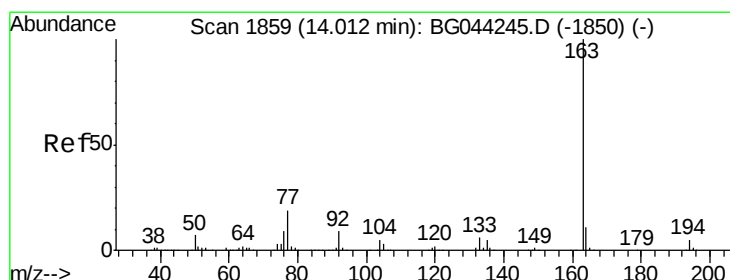
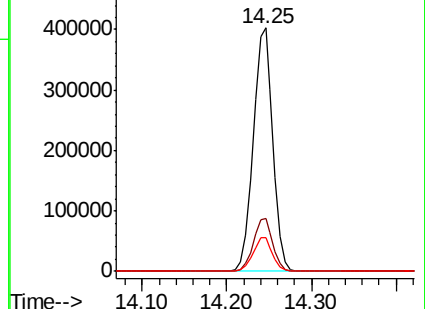
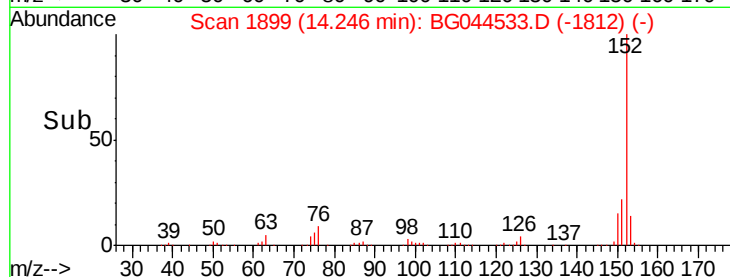
153 13.9 11.5 17.3



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: 48.241 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

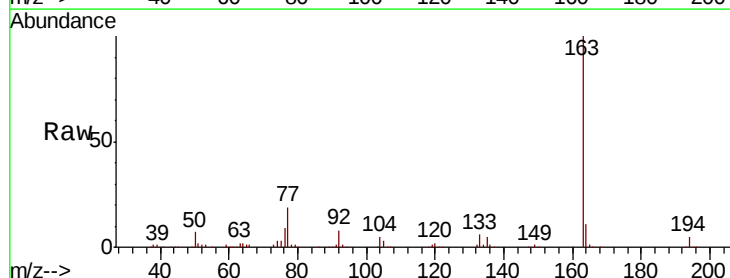
Tgt Ion:163 Resp: 553404

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

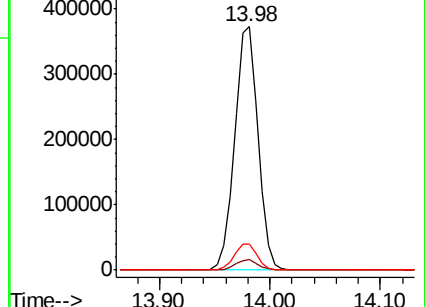
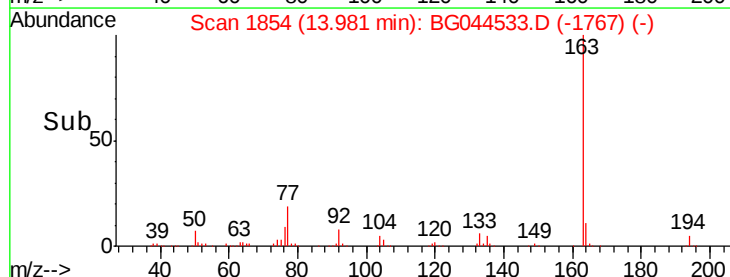
164 10.6 8.7 13.1

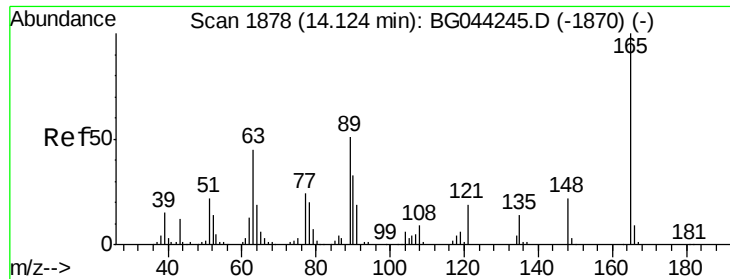


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

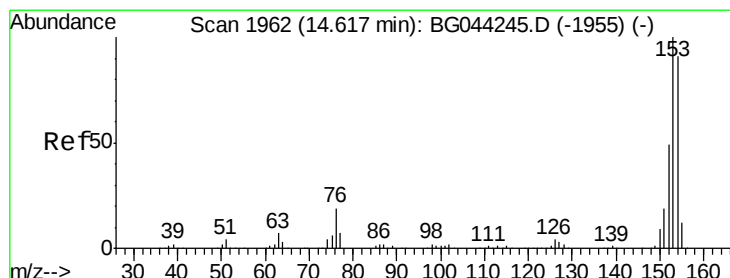
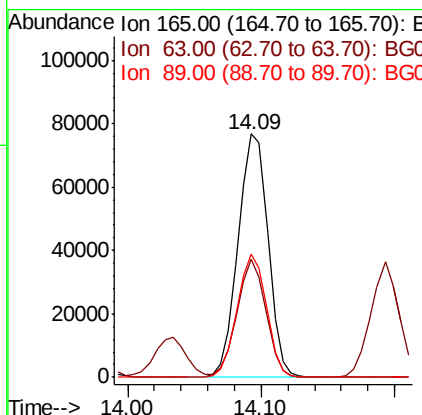
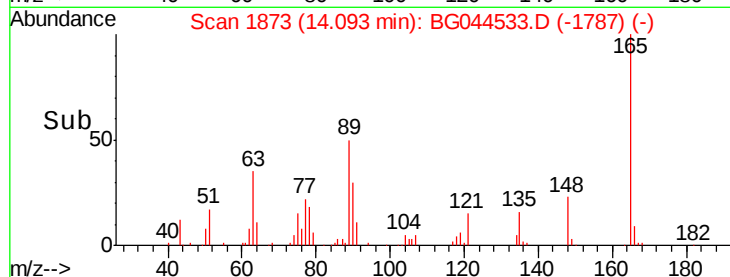
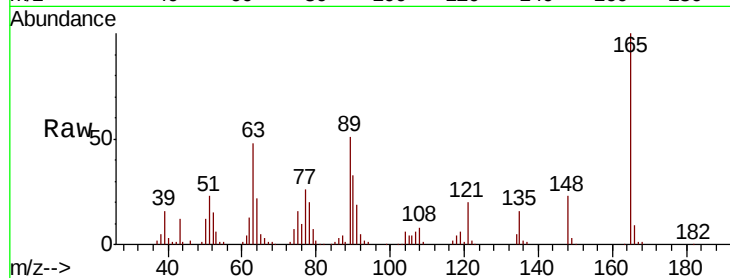




#51
 2,6-Dinitrotoluene
 Concen: 46.639 ng
 RT: 14.09 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

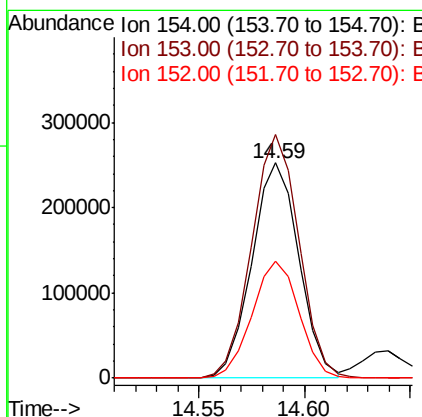
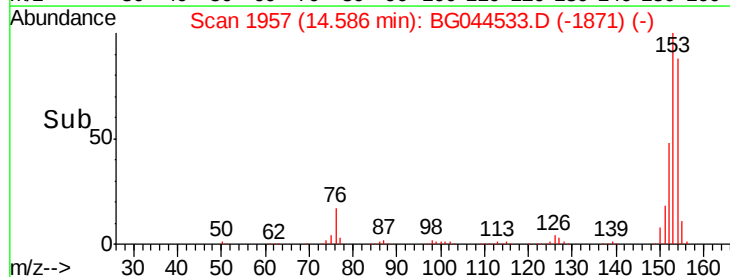
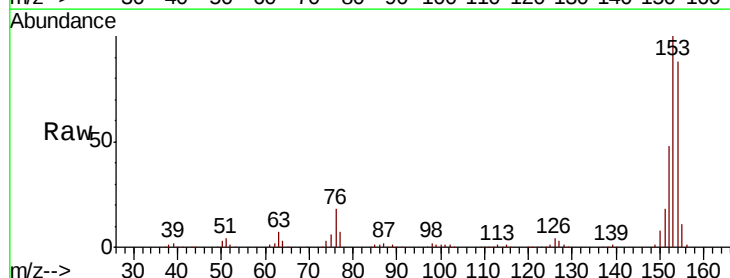
Instrument :
 BNA_G
 ClientSampleId :

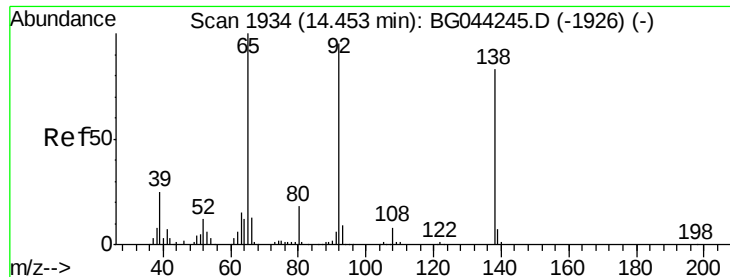
Tot Ion:165 Resp: 119293
 Ion Ratio Lower Upper
 165 100
 63 48.4 38.7 58.1
 89 50.8 40.4 60.6



#52
 Acenaphthene
 Concen: 45.004 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion:154 Resp: 391914
 Ion Ratio Lower Upper
 154 100
 153 113.2 87.9 131.9
 152 54.3 43.1 64.7





#53

3-Nitroaniline

Concen: 17.802 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

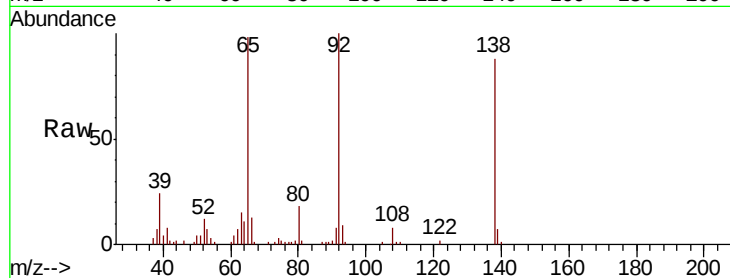
Tot Ion:138 Resp: 50375

Ion Ratio Lower Upper

138 100

108 9.3 7.9 11.9

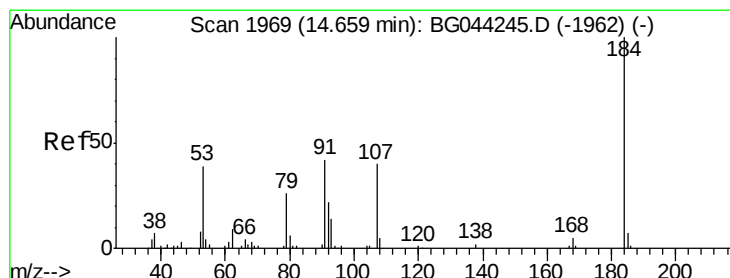
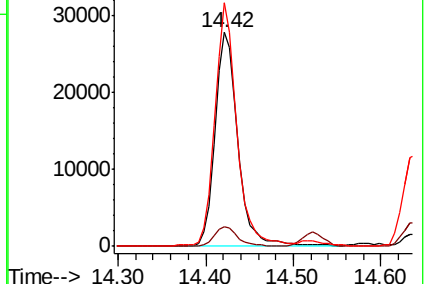
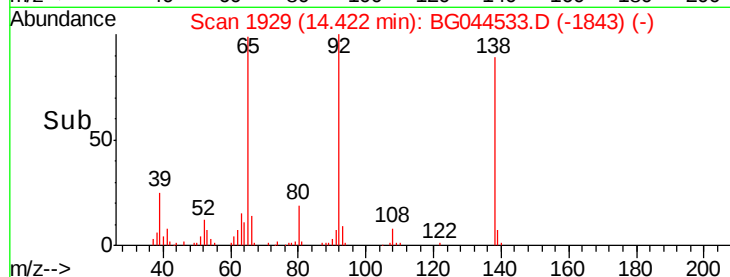
92 113.9 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 69.669 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

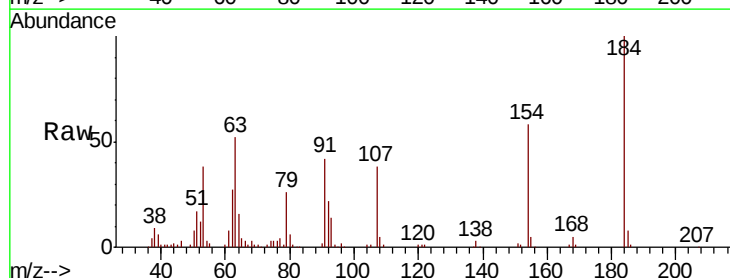
Tgt Ion:184 Resp: 103941

Ion Ratio Lower Upper

184 100

63 52.0 44.1 66.1

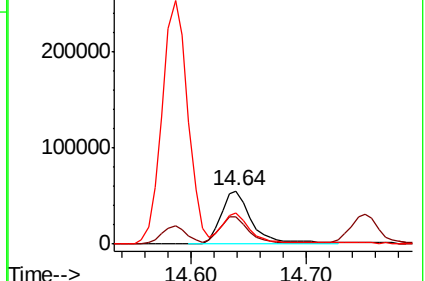
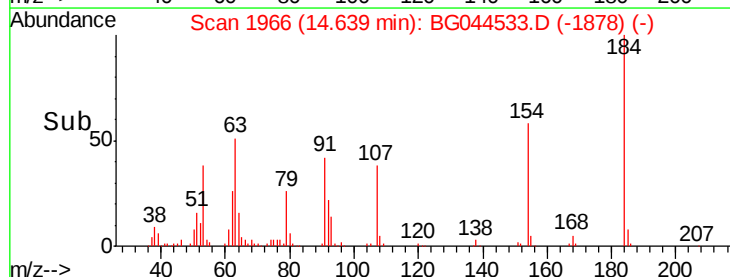
154 58.0 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

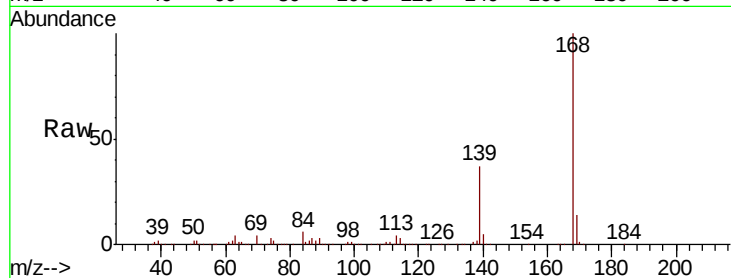




#55
Dibenzofuran
Concen: 47.352 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.5	45.7
169	14.2	11.7	17.5

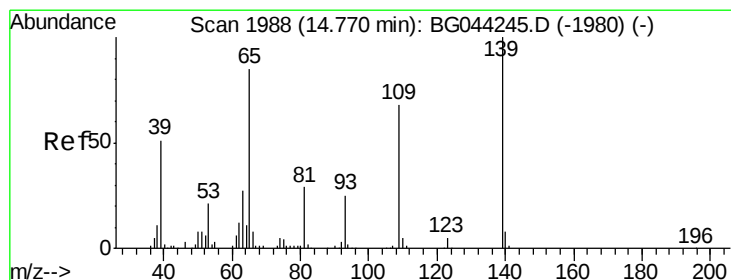
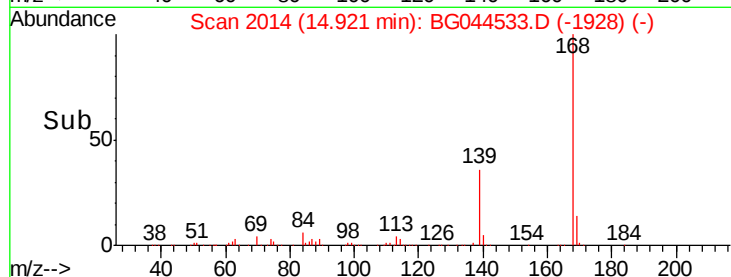
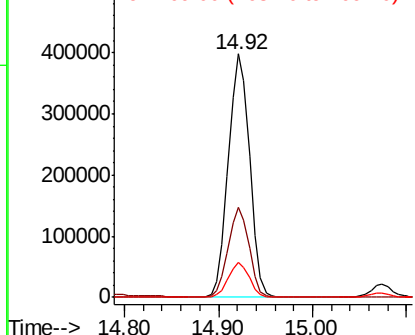


Abundance

Ion 168.00 (167.70 to 168.70): E

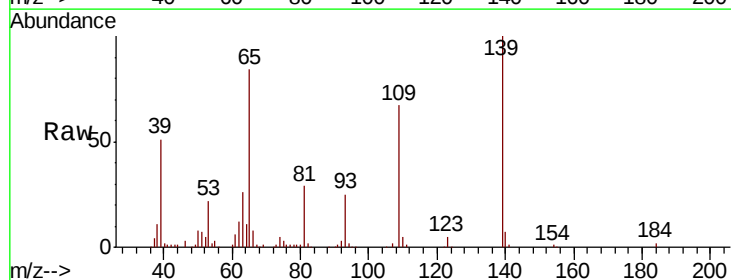
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 103.318 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.7	47.5	87.5
65	83.9	64.9	104.9

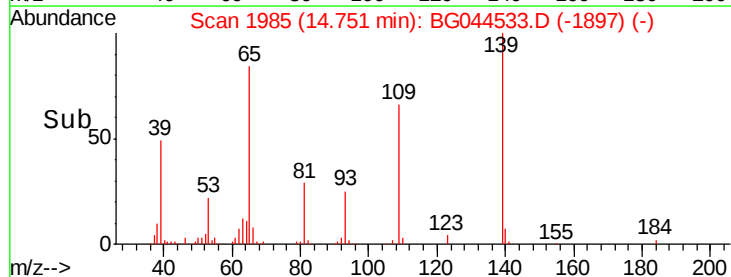
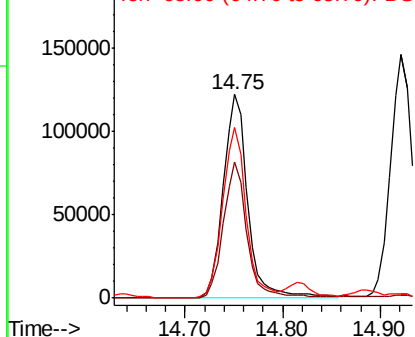


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

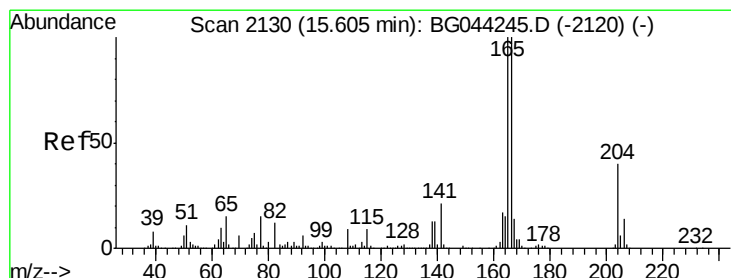
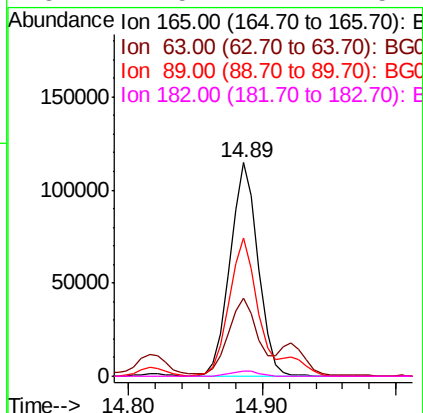
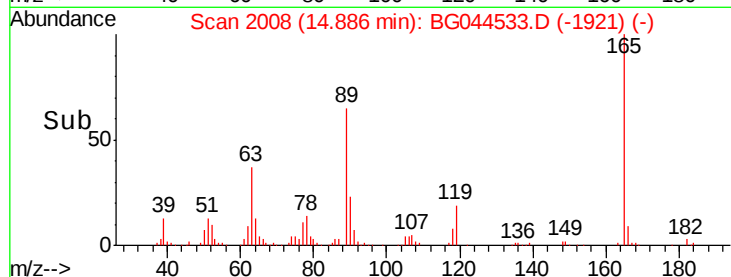
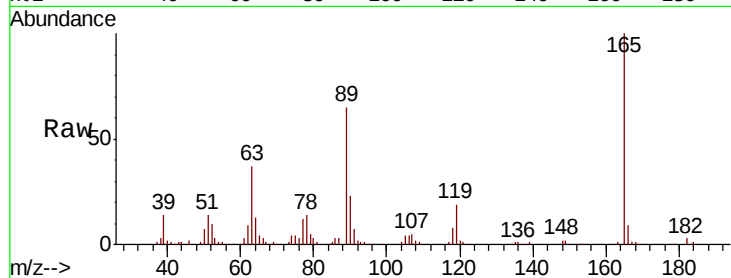




#57
2,4-Dinitrotoluene
Concen: 46.893 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

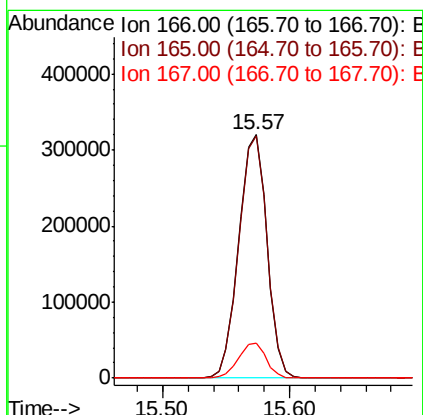
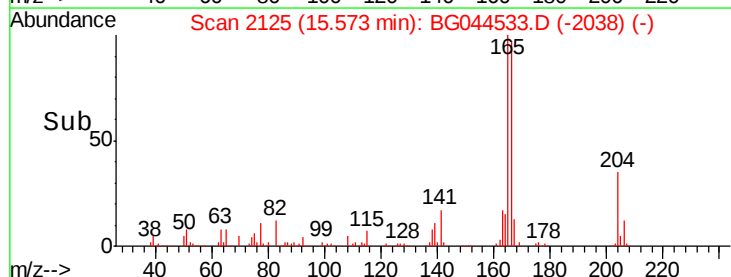
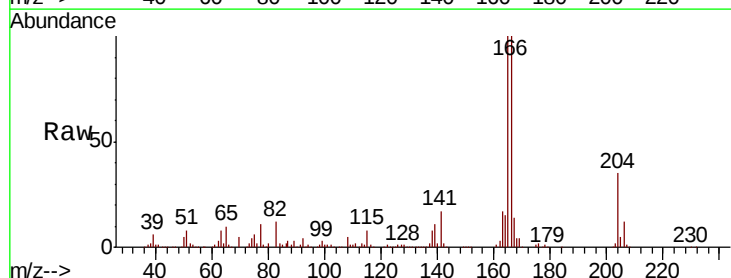
Instrument :
BNA_G
ClientSampled :

Tot Ion:165	Resp:	168110
Ion	Ratio	Lower Upper
165	100	
63	36.7	30.3 45.5
89	65.0	53.4 80.2
182	2.5	2.1 3.1



#58
Fluorene
Concen: 47.537 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:166	Resp:	493666
Ion	Ratio	Lower Upper
166	100	
165	99.6	79.9 119.9
167	14.1	11.4 17.0

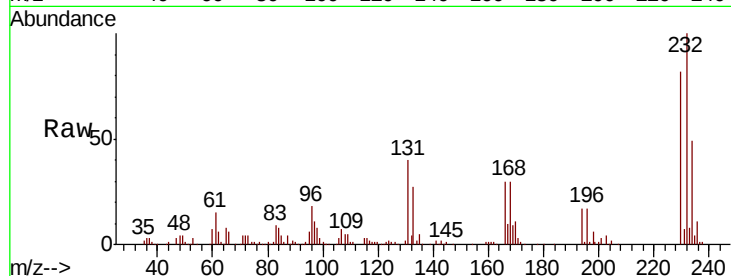




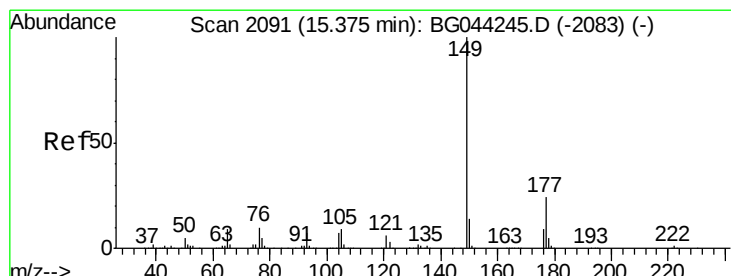
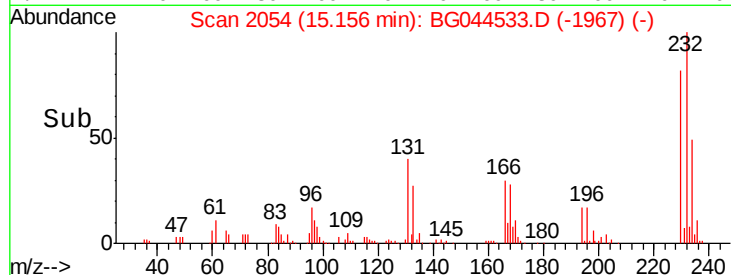
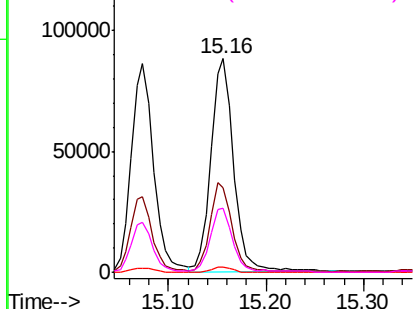
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.923 ng
 RT: 15.16 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	142120
Ion	Ratio	Lower	Upper
232	100		
131	41.0	34.2	51.4
130	2.1	1.8	2.8
166	29.8	23.8	35.8

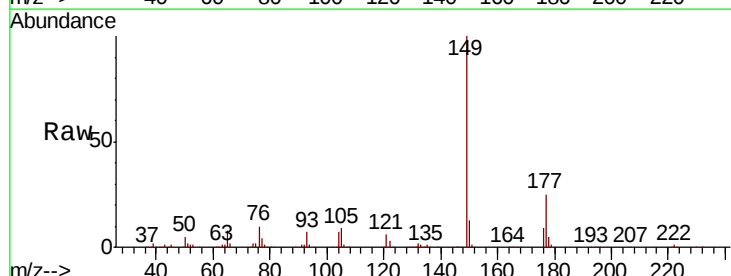


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

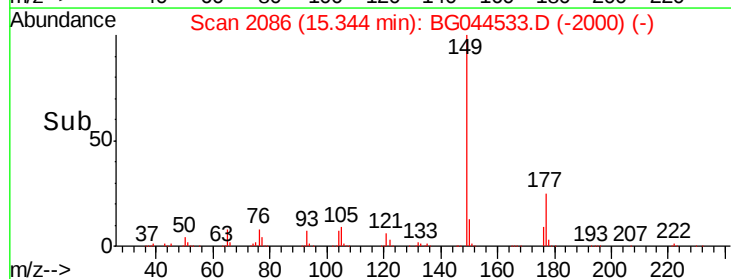
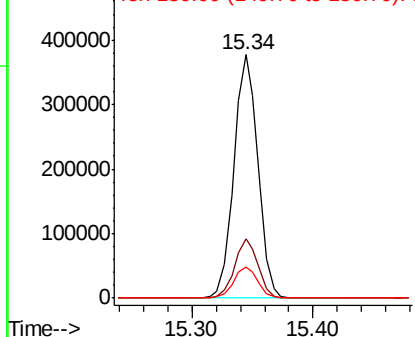


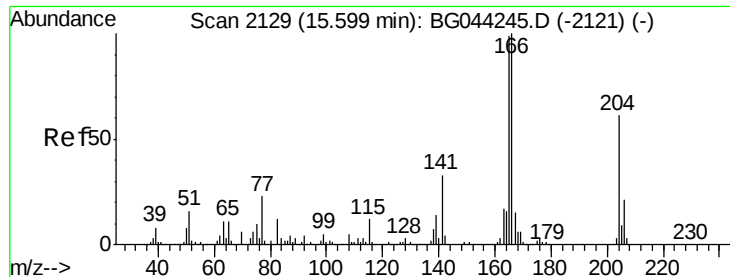
#60
 Diethylphthalate
 Concen: 45.468 ng
 RT: 15.34 min Scan# 2086
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion:	149	Resp:	519733
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.4	29.0
150	13.0	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

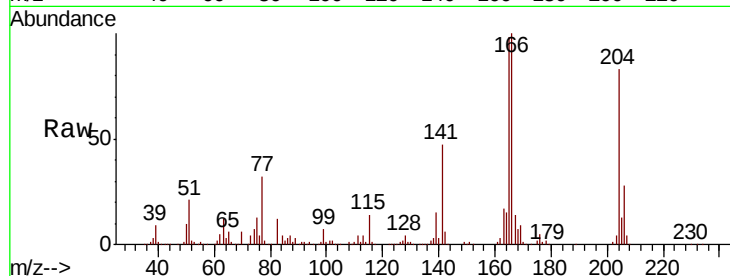




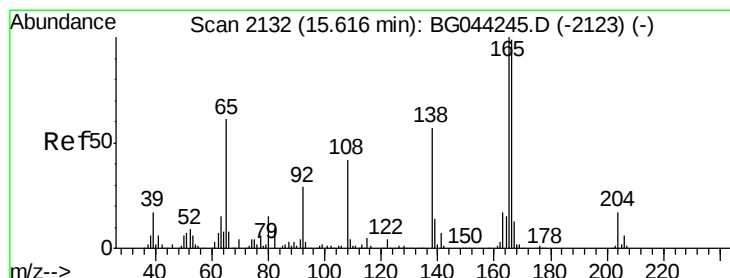
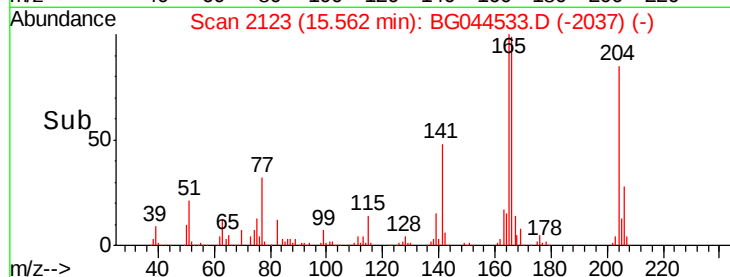
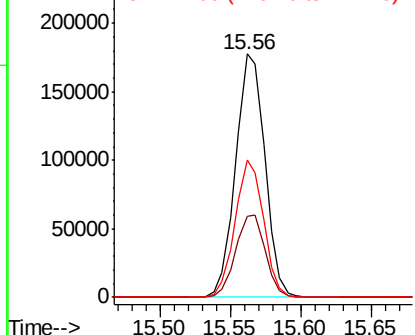
#61
4-Chlorophenyl-phenylether
Concen: 45.513 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 256274
Ion Ratio Lower Upper
204 100
206 33.5 27.6 41.4
141 56.3 43.4 65.0

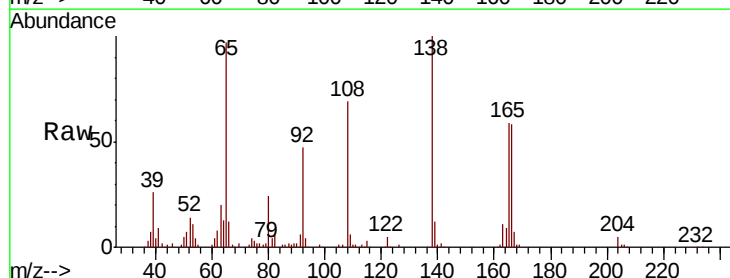


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

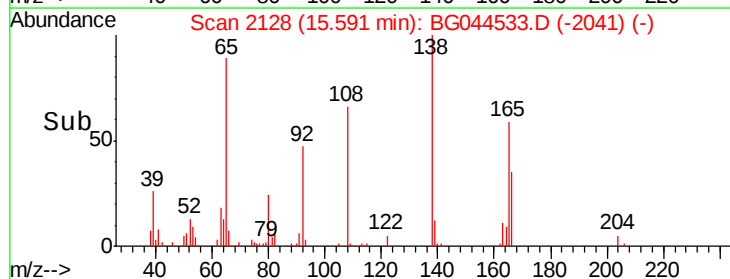
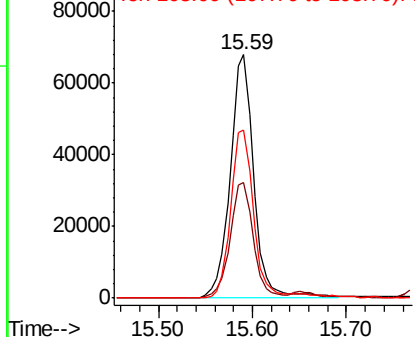


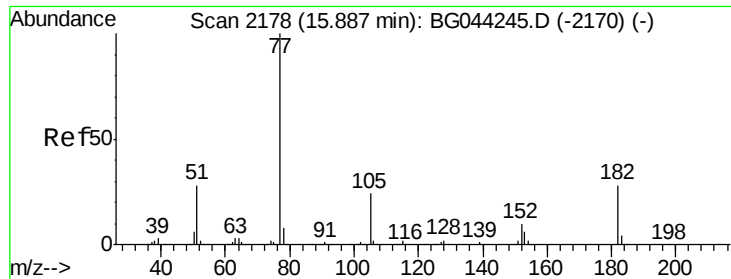
#62
4-Nitroaniline
Concen: 42.413 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:138 Resp: 119929
Ion Ratio Lower Upper
138 100
92 47.3 31.3 71.3
108 69.3 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: 45.972 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 460554

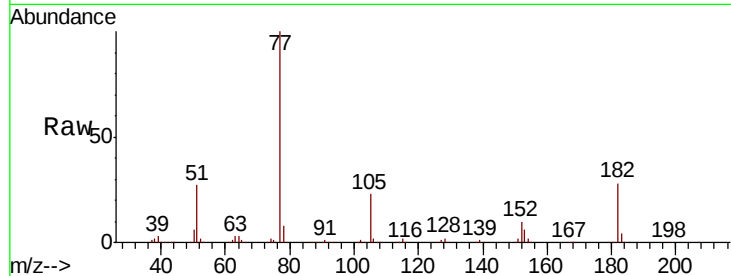
Ion Ratio Lower Upper

77 100

182 28.0 8.2 48.2

105 23.0 3.6 43.6

51 27.3 8.3 48.3

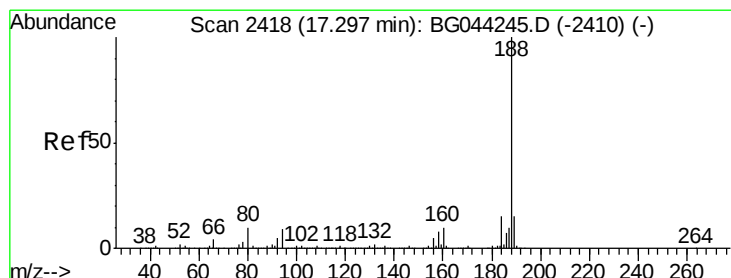
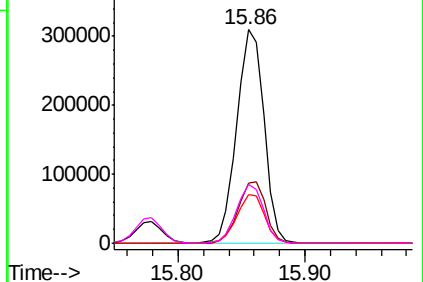
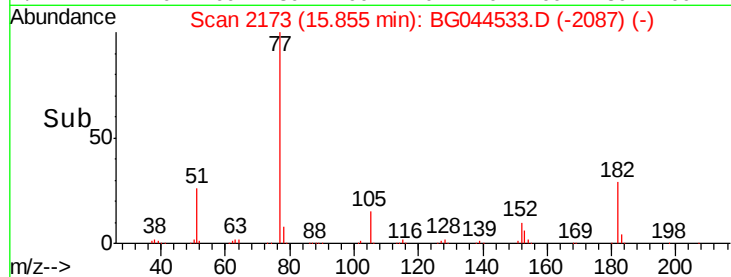


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044533.D

Acq: 20 Feb 2020 23:11

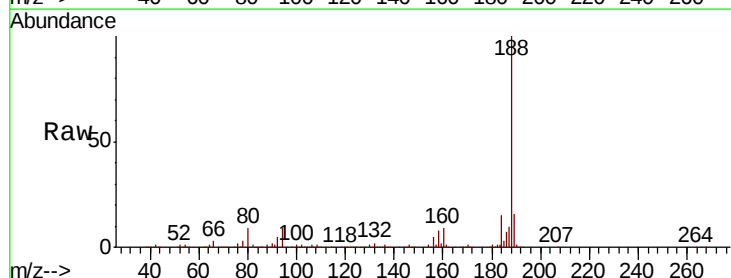
Tgt Ion: 188 Resp: 359087

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

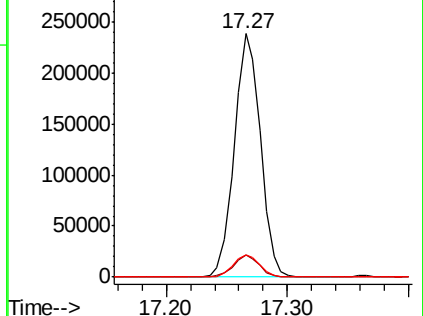
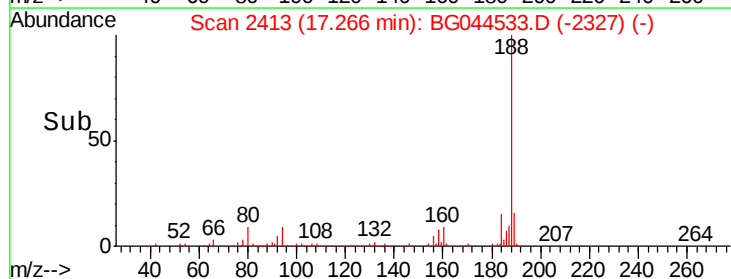
80 9.4 7.7 11.5

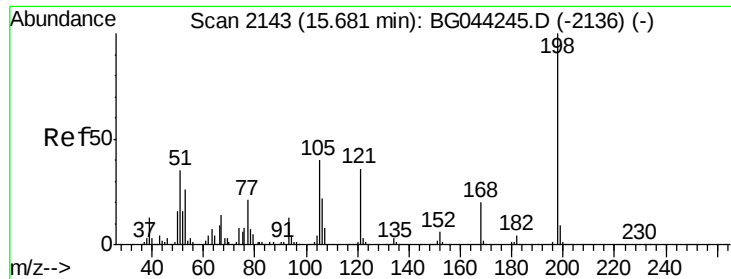


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 50.354 ng

RT: 15.66 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

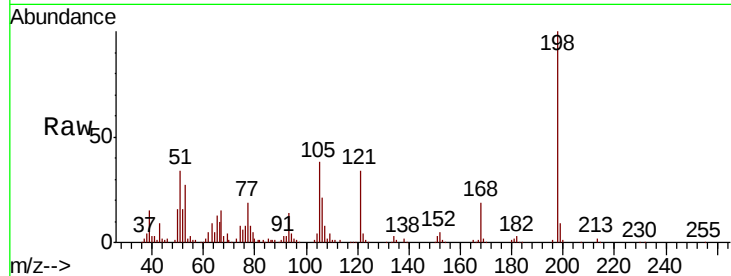
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 99810

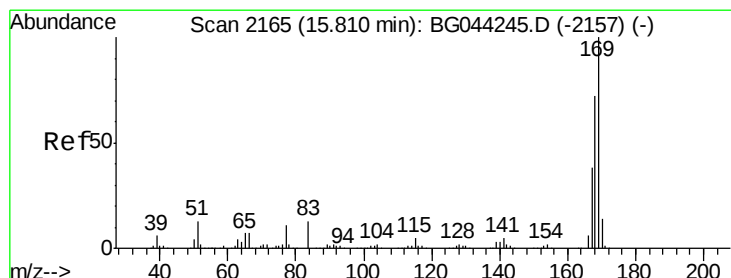
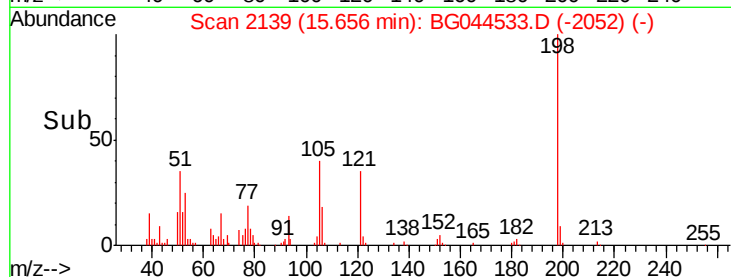
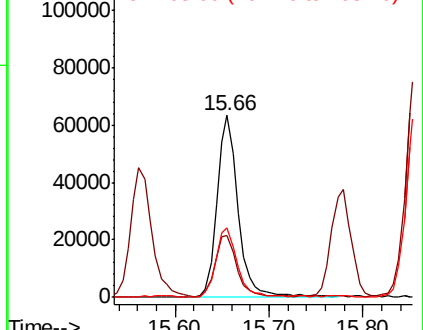
Ion	Ratio	Lower	Upper
198	100		
51	33.9	16.6	56.6
105	38.3	20.6	60.6



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: 46.067 ng

RT: 15.78 min Scan# 2160

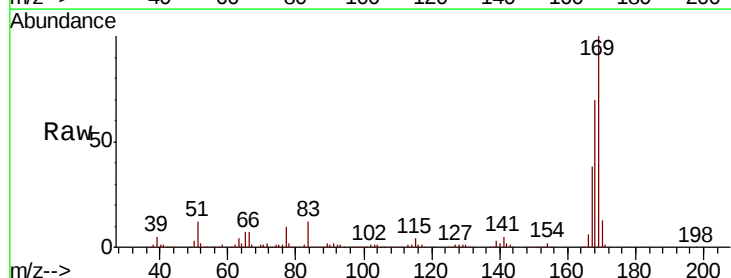
Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Tgt Ion:169 Resp: 463584

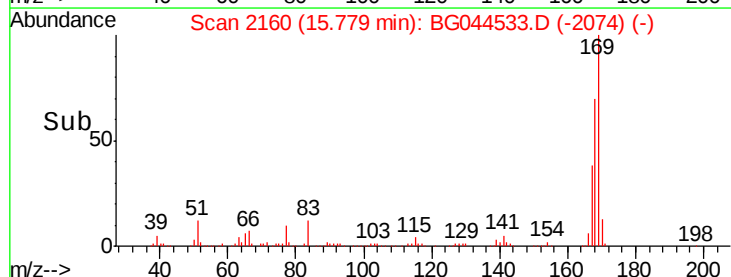
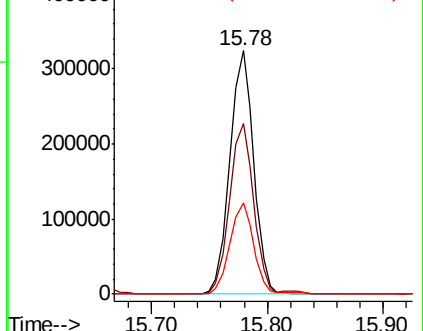
Ion	Ratio	Lower	Upper
169	100		
168	70.2	57.9	86.9
167	37.7	30.7	46.1

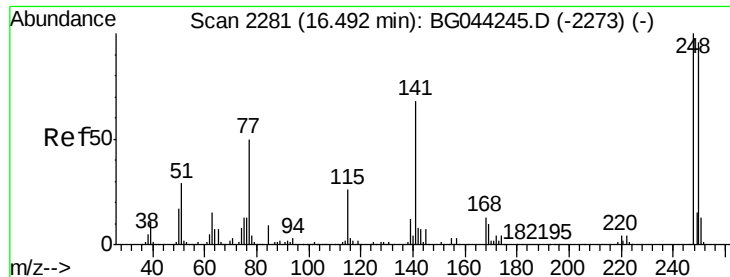


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

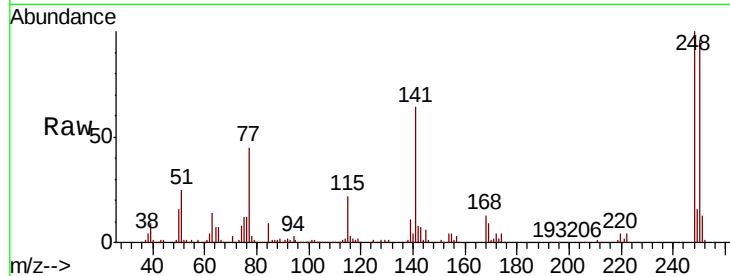




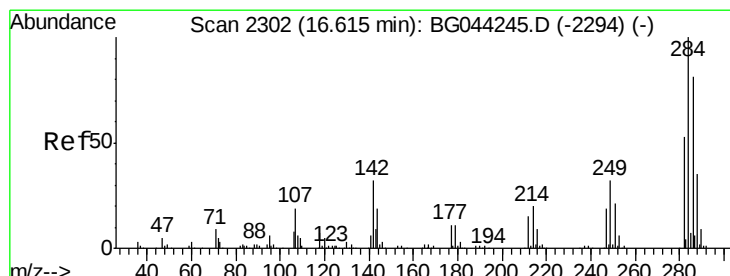
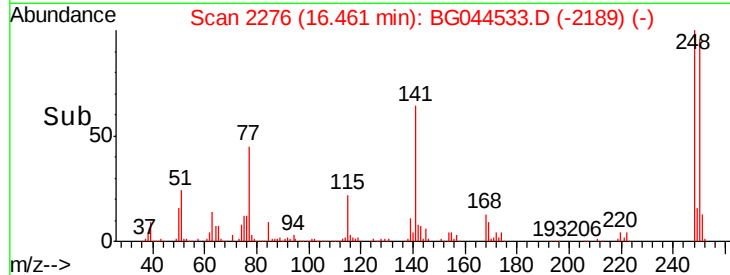
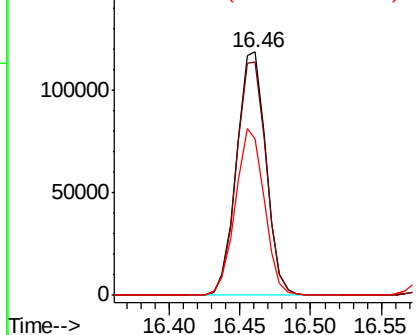
#67
 4-Bromophenyl-phenylether
 Concen: 43.942 ng
 RT: 16.46 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 171911
 Ion Ratio Lower Upper
 248 100
 250 95.9 76.6 114.8
 141 64.4 54.7 82.1

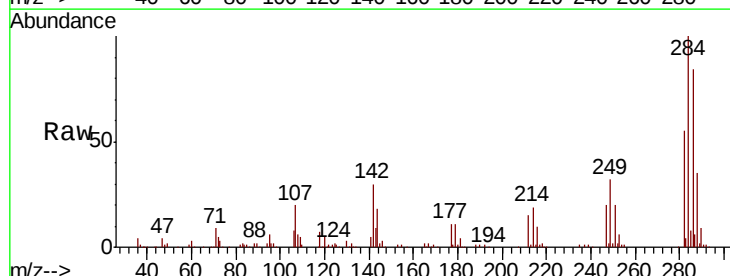


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

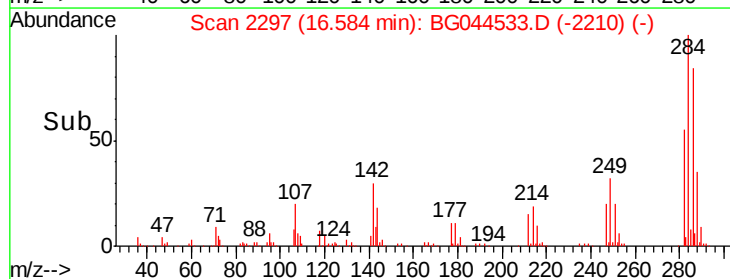
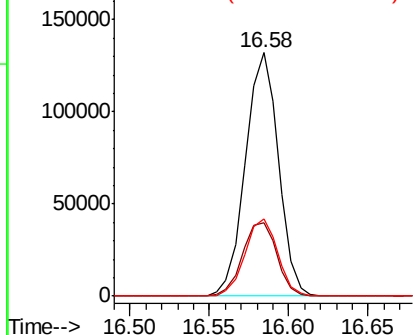


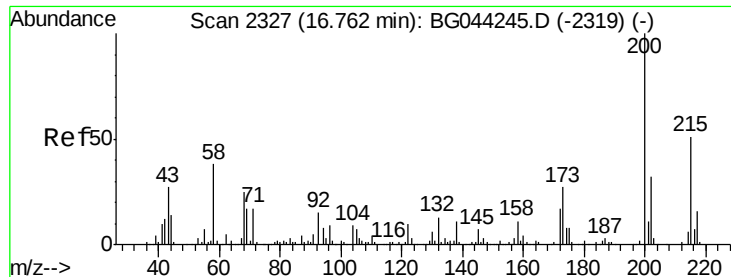
#68
 Hexachlorobenzene
 Concen: 43.638 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion:284 Resp: 191265
 Ion Ratio Lower Upper
 284 100
 142 30.3 25.3 37.9
 249 31.6 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: 52.946 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

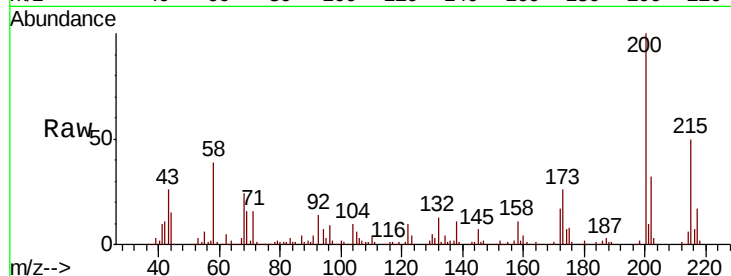
Tot Ion:200 Resp: 182622

Ion Ratio Lower Upper

200 100

173 25.6 6.6 46.6

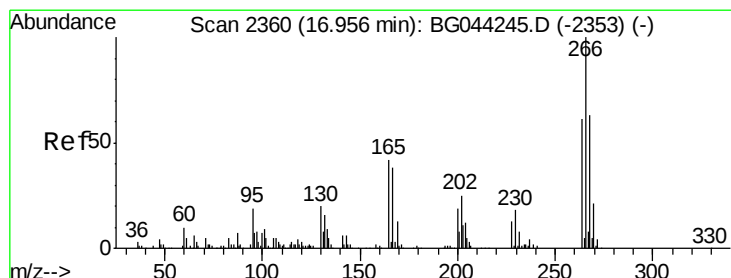
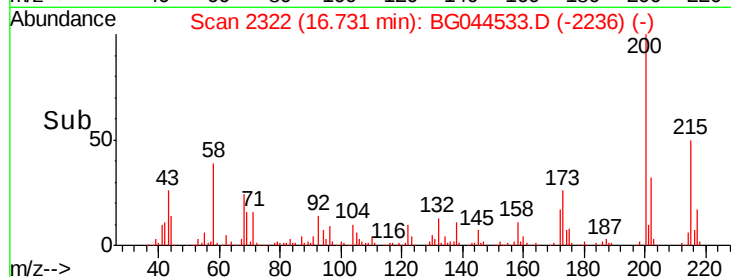
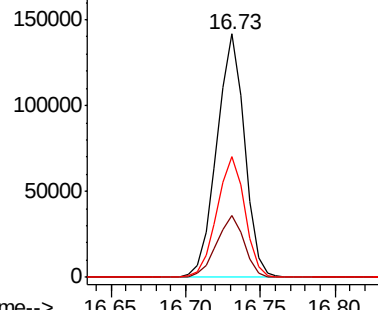
215 49.7 31.0 71.0



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: 87.818 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

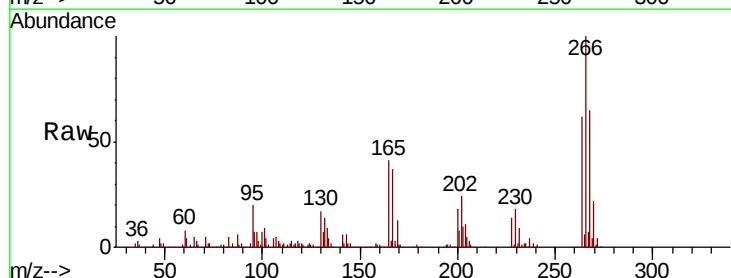
Tgt Ion:266 Resp: 195349

Ion Ratio Lower Upper

266 100

268 65.2 50.6 75.8

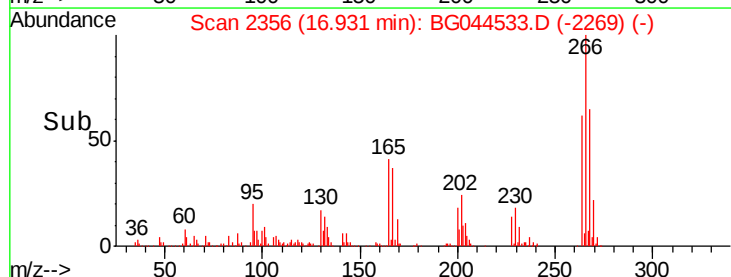
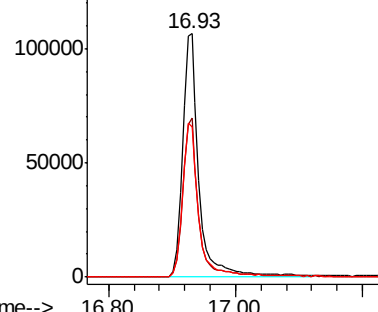
264 61.7 48.7 73.1

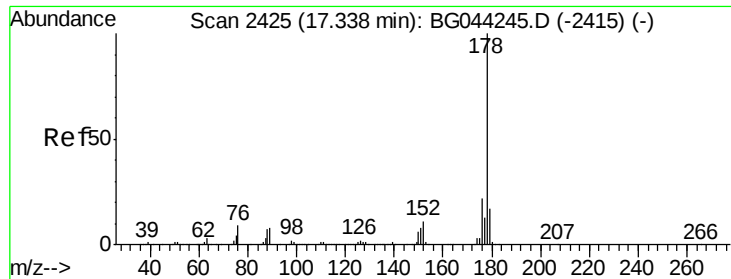


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

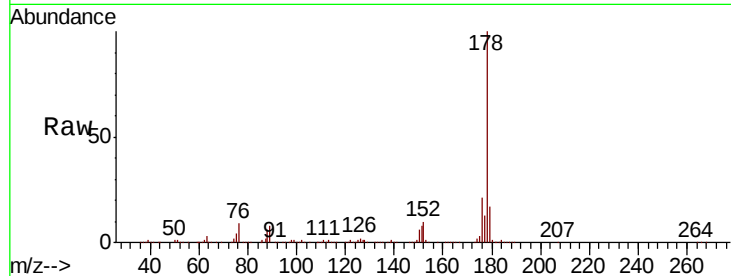




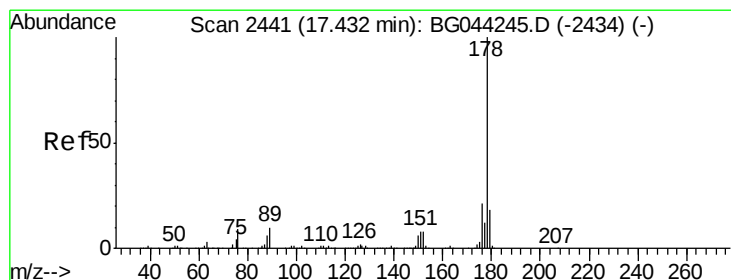
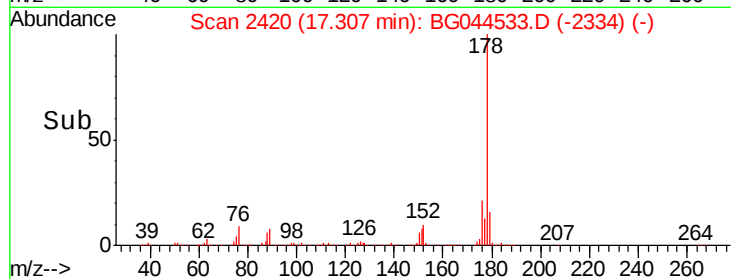
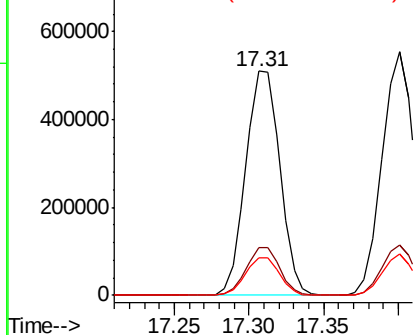
#71
Phenanthrene
Concen: 46.612 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 810507
Ion Ratio Lower Upper
178 100
176 21.1 17.7 26.5
179 16.5 13.7 20.5

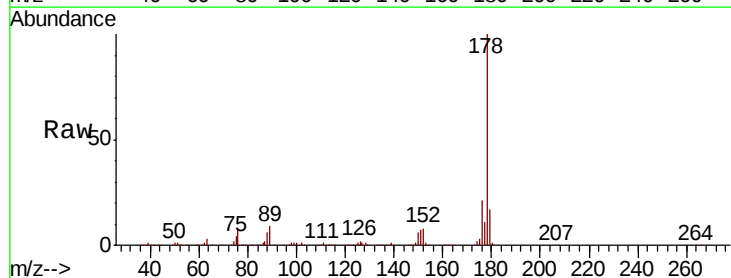


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

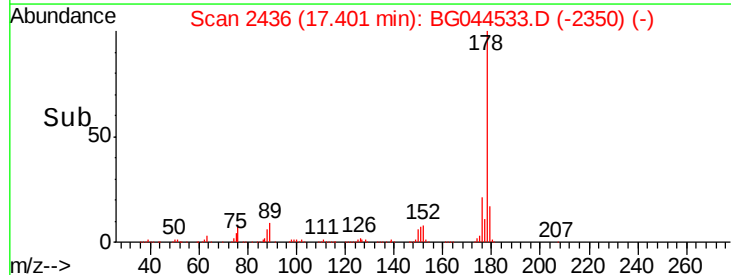
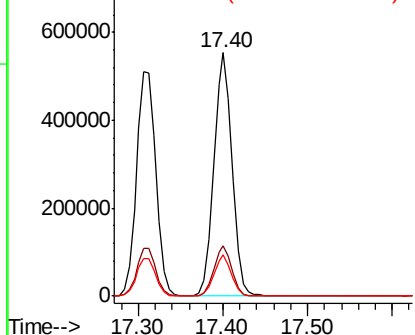


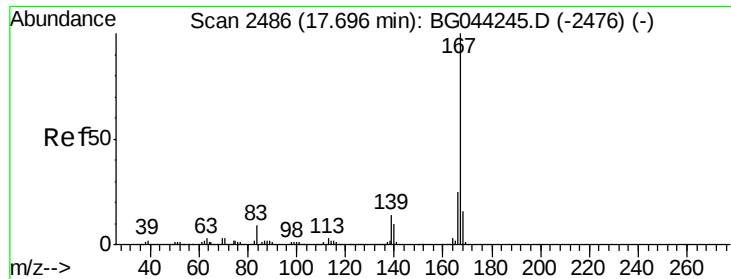
#72
Anthracene
Concen: 48.776 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:178 Resp: 838510
Ion Ratio Lower Upper
178 100
176 20.9 17.0 25.4
179 17.0 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

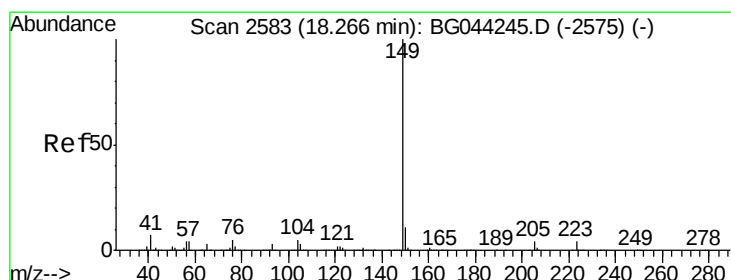
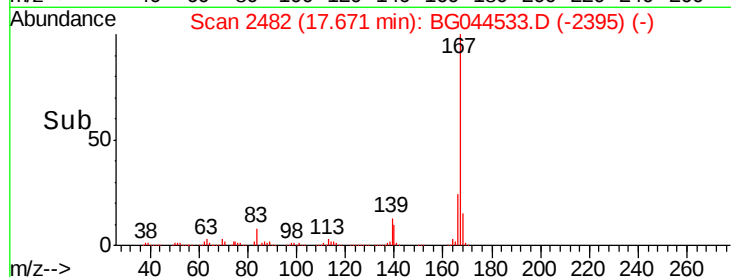
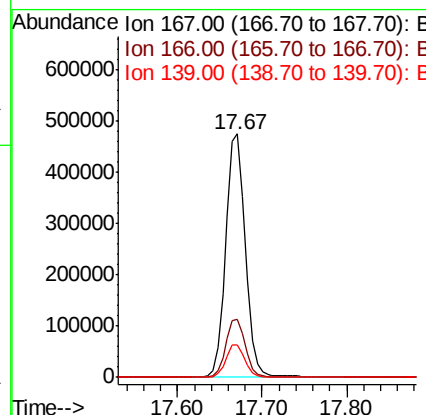
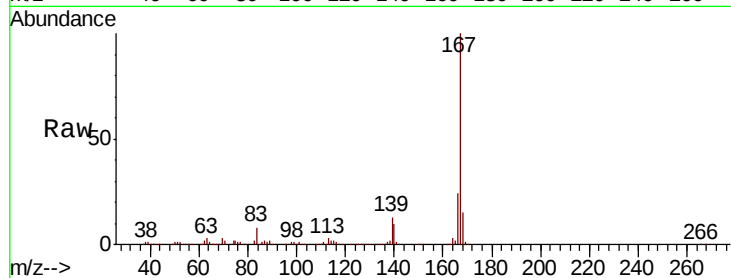




#73
 Carbazole
 Concen: 48.255 ng
 RT: 17.67 min Scan# 2482
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

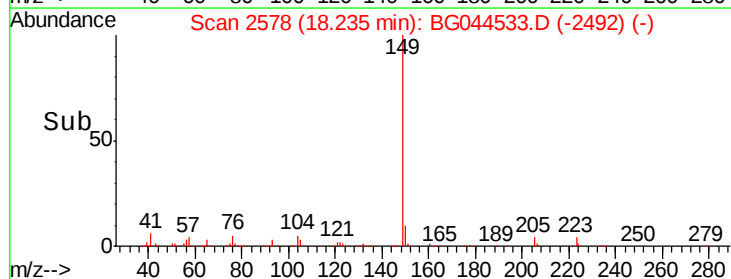
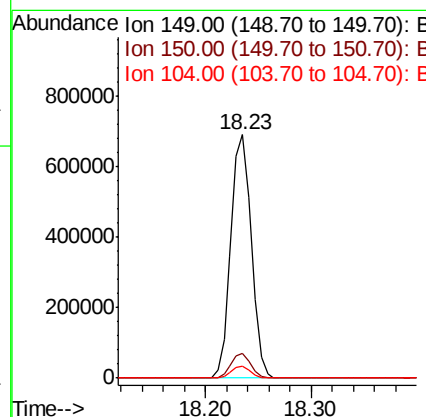
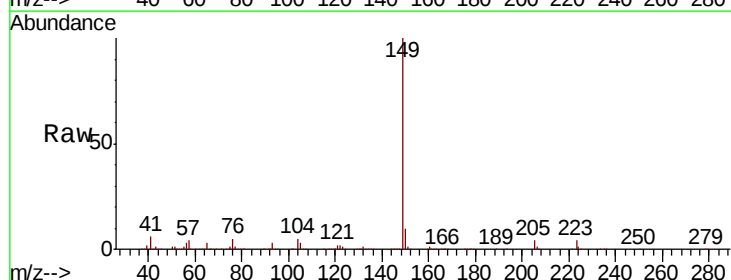
Instrument :
 BNA_G
 ClientSampleId :

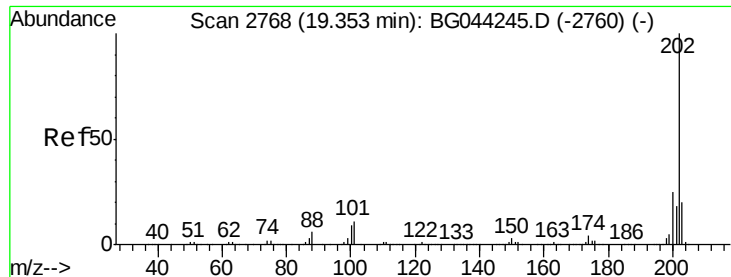
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.8	29.6
139	13.2	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 47.135 ng
 RT: 18.23 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.7	13.1
104	5.0	4.3	6.5

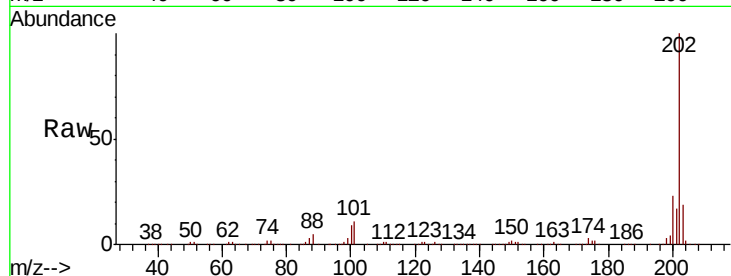




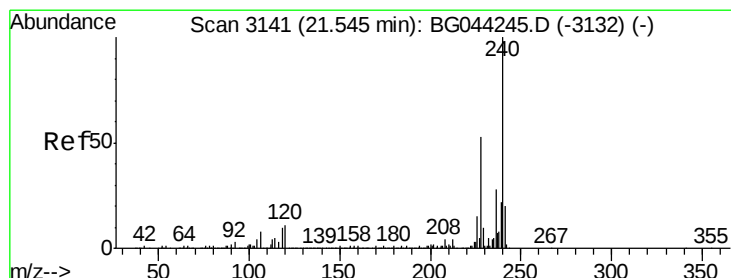
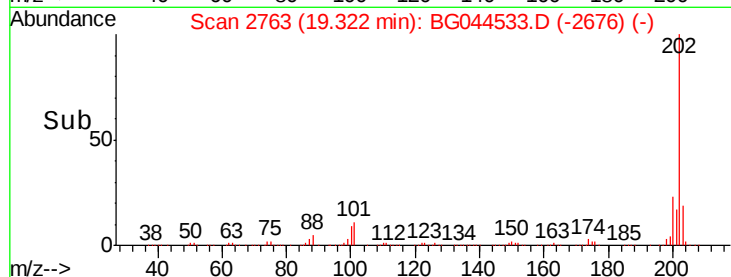
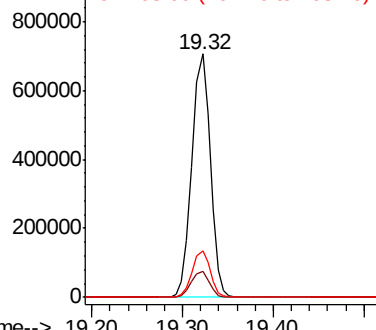
#75
 Fluoranthene
 Concen: 49.739 ng
 RT: 19.32 min Scan# 2763
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:202 Resp: 1000500
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 31.3
 203 19.3 0.0 39.9

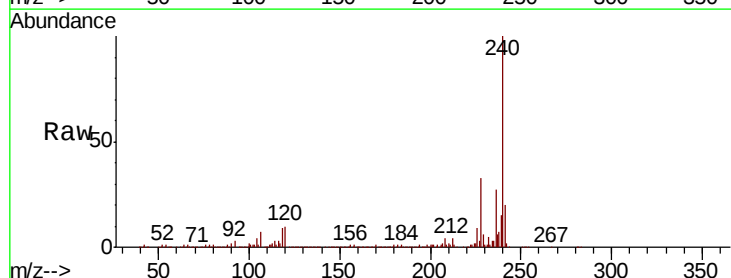


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

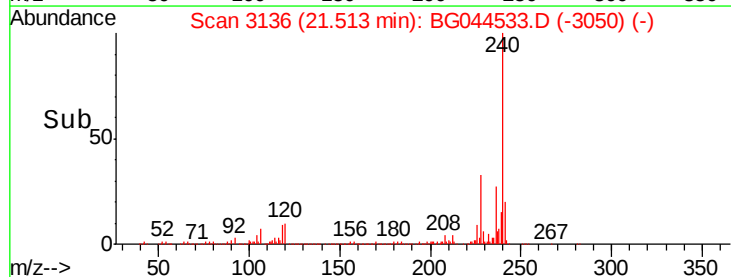
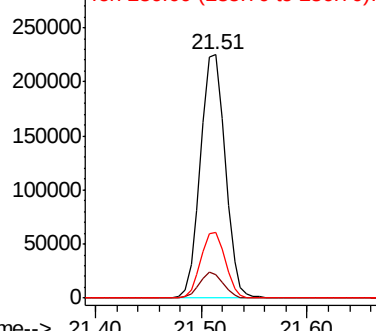


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion:240 Resp: 365891
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.4 12.6
 236 26.8 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: 30.200 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

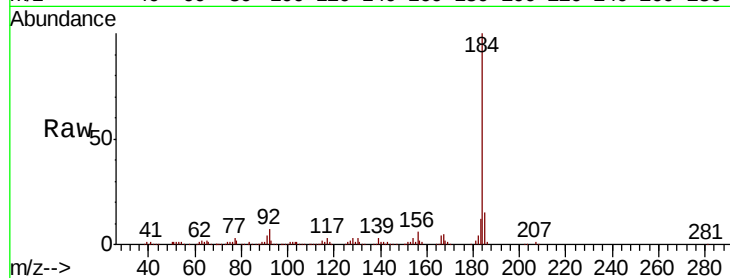
Tot Ion:184 Resp: 306501

Ion Ratio Lower Upper

184 100

185 14.9 12.9 19.3

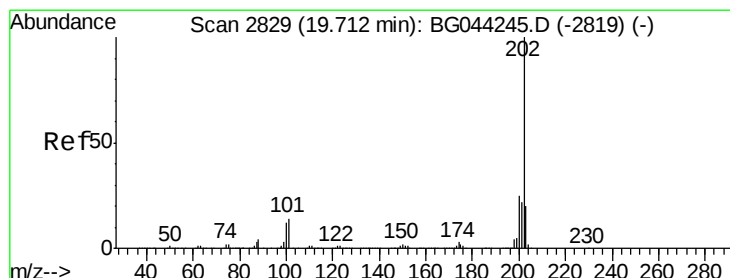
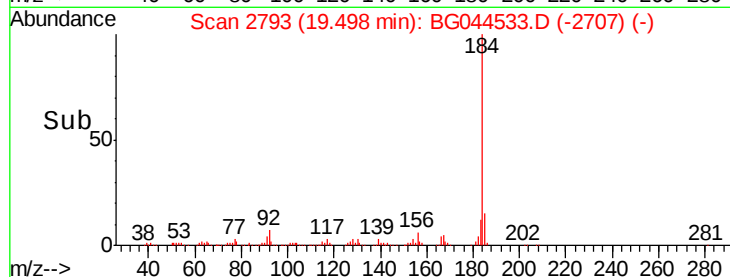
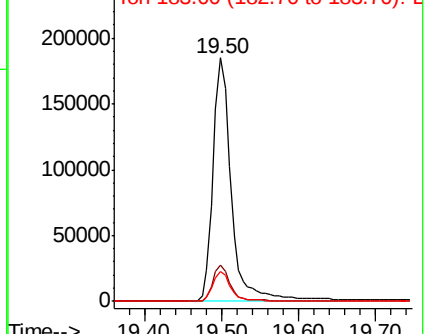
183 12.2 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.097 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

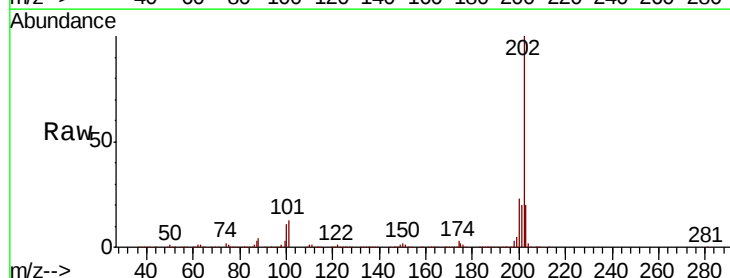
Tgt Ion:202 Resp: 1012682

Ion Ratio Lower Upper

202 100

200 23.4 20.0 30.0

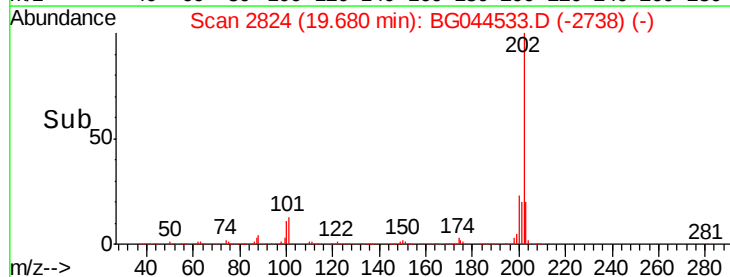
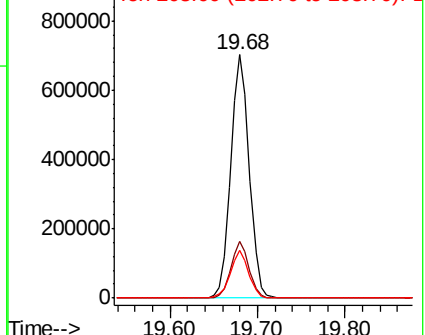
203 19.7 16.2 24.2

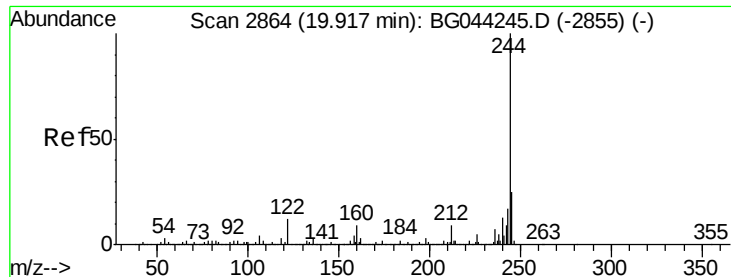


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.491 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

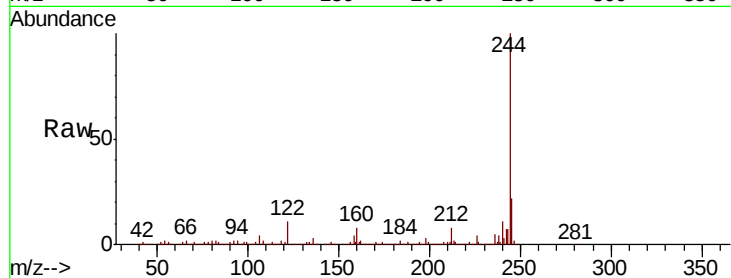
Tot Ion:244 Resp: 1004899

Ion Ratio Lower Upper

244 100

212 7.7 7.4 11.2

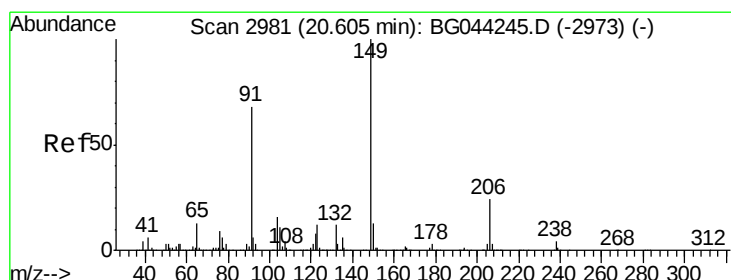
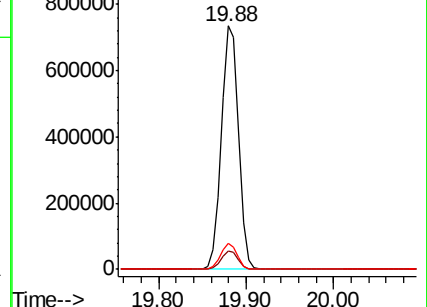
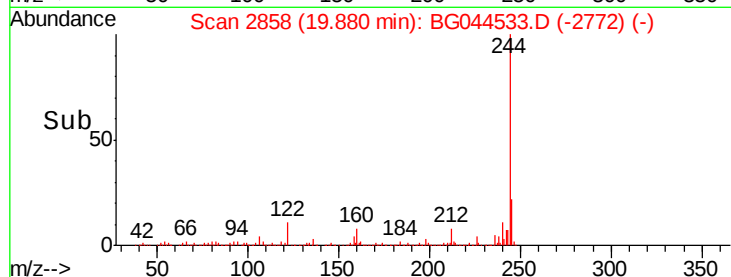
122 10.9 9.8 14.6



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: 42.025 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

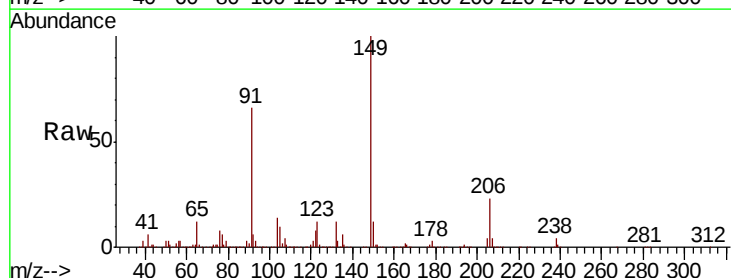
Tgt Ion:149 Resp: 450009

Ion Ratio Lower Upper

149 100

91 66.4 54.5 81.7

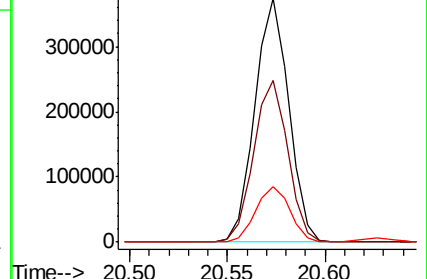
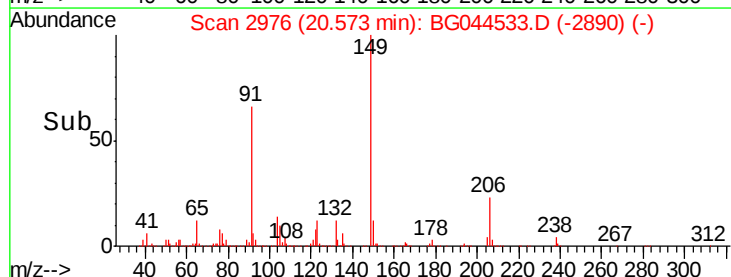
206 22.9 19.1 28.7

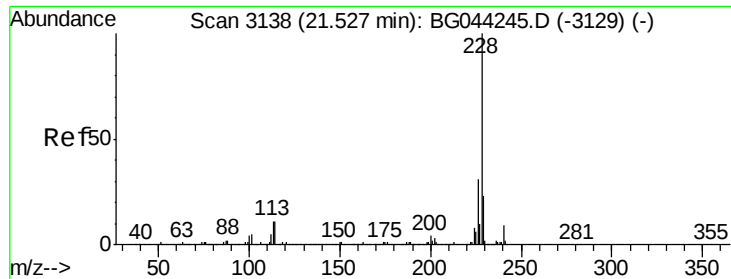


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

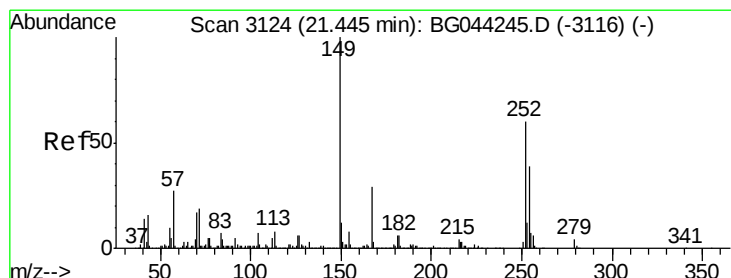
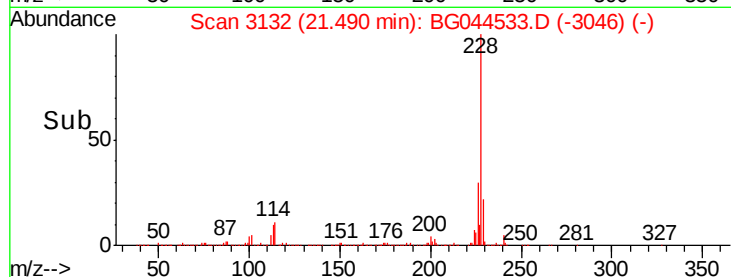
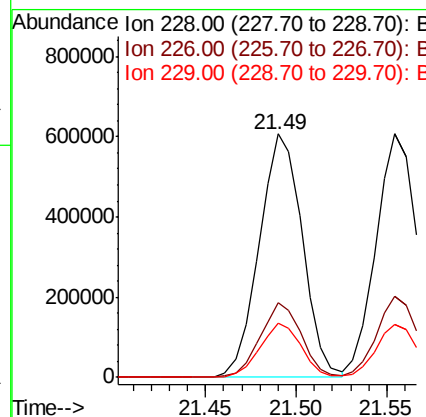
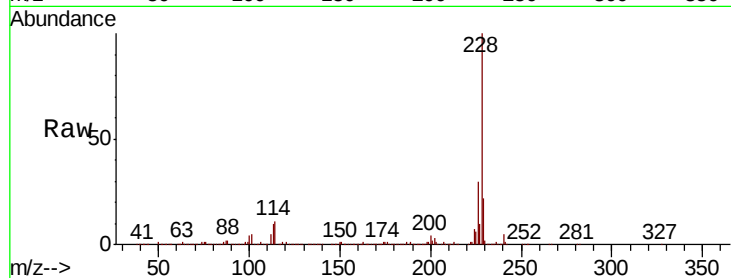




#81
Benzo(a)anthracene
Concen: 44.461 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

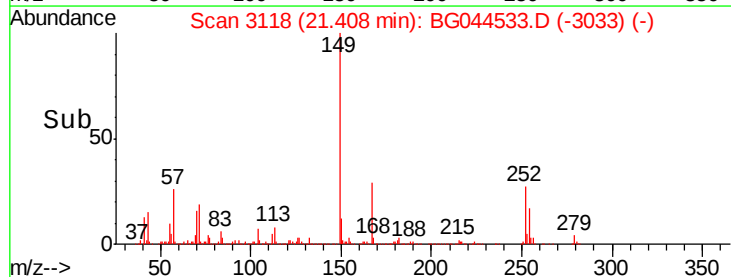
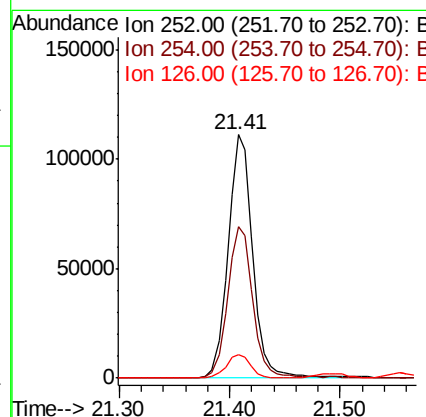
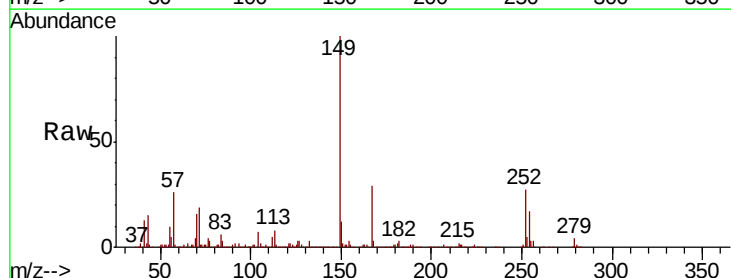
Instrument :
BNA_G
ClientSampleId :

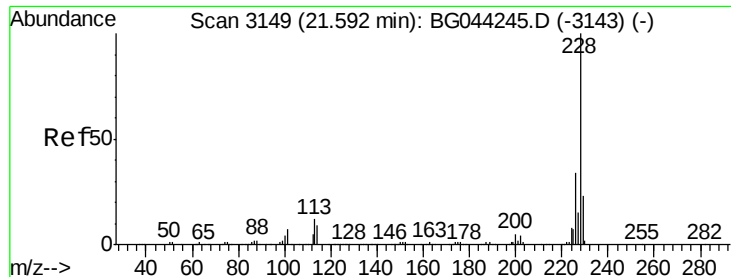
Tot Ion:228 Resp: 1002608
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 22.1 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 19.791 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:252 Resp: 173207
Ion Ratio Lower Upper
252 100
254 62.4 52.6 78.8
126 9.9 8.2 12.4

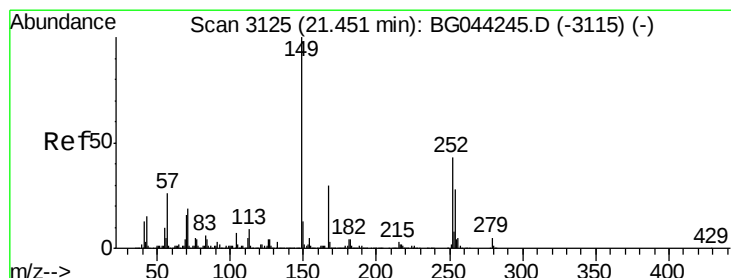
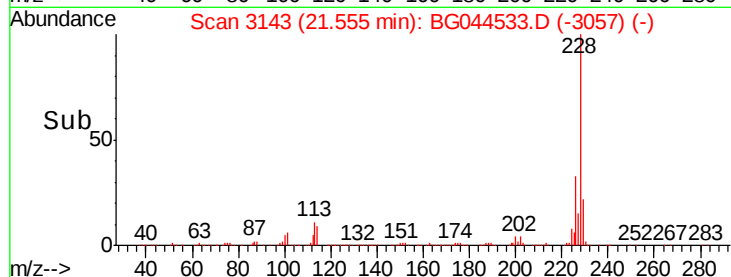
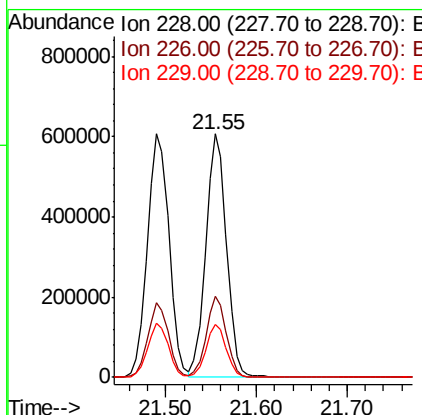
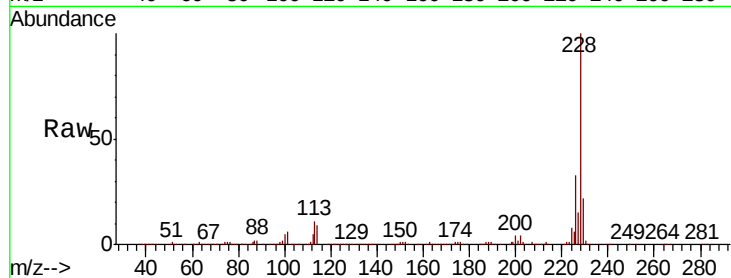




#83
 Chrvsene
 Concen: 44.215 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

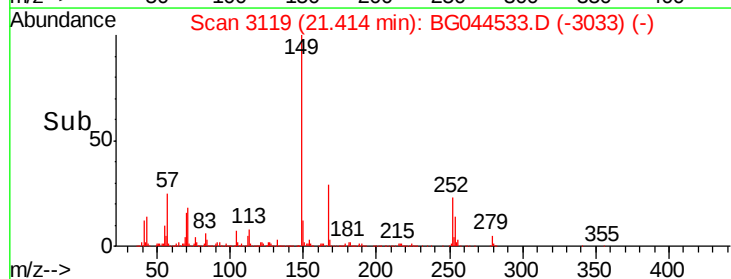
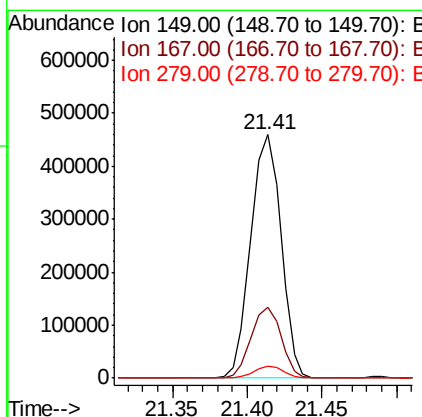
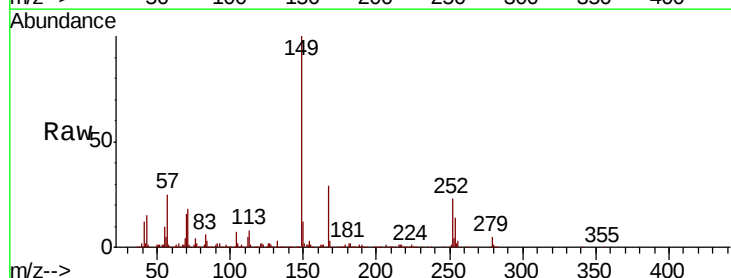
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 963740
 Ion Ratio Lower Upper
 228 100
 226 33.1 27.1 40.7
 229 22.0 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.658 ng
 RT: 21.41 min Scan# 3119
 Delta R.T. -0.02 min
 Lab File: BG044533.D
 Acq: 20 Feb 2020 23:11

Tgt Ion:149 Resp: 643469
 Ion Ratio Lower Upper
 149 100
 167 29.1 24.0 36.0
 279 4.9 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 44.676 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.03 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

Instrument :

BNA_G

ClientSampleId :

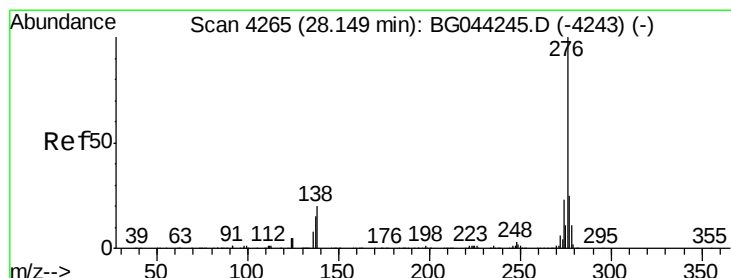
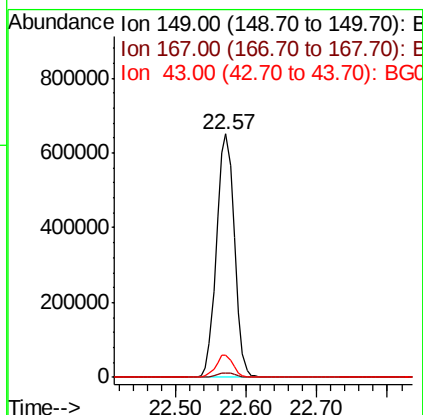
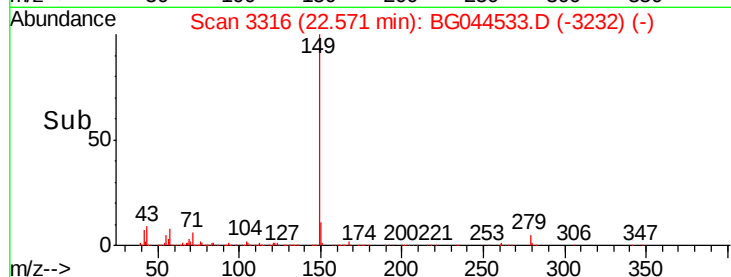
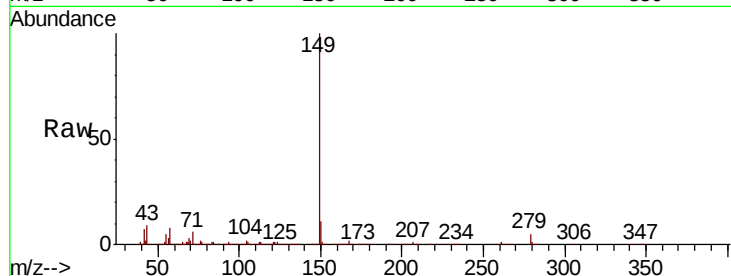
Tot Ion:149 Resp: 1139301

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 7.4 11.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.387 ng

RT: 28.06 min Scan# 4251

Delta R.T. -0.05 min

Lab File: BG044533.D

Acq: 20 Feb 2020 23:11

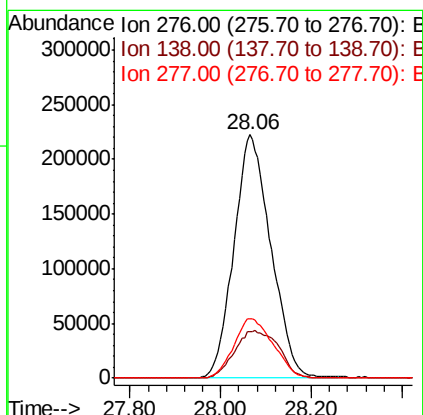
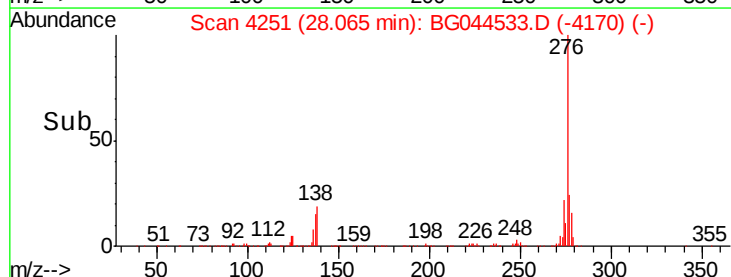
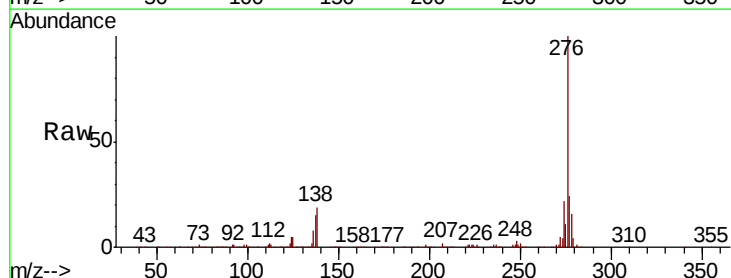
Tgt Ion:276 Resp: 1262252

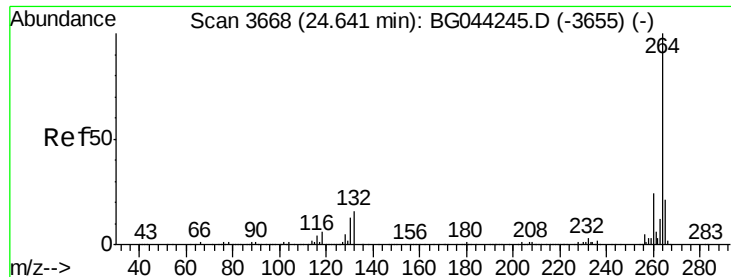
Ion Ratio Lower Upper

276 100

138 23.4 19.4 29.0

277 26.0 21.0 31.6

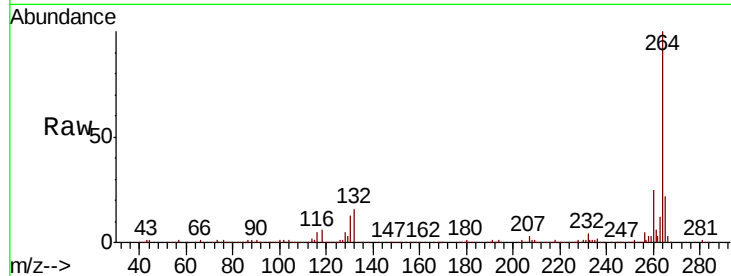




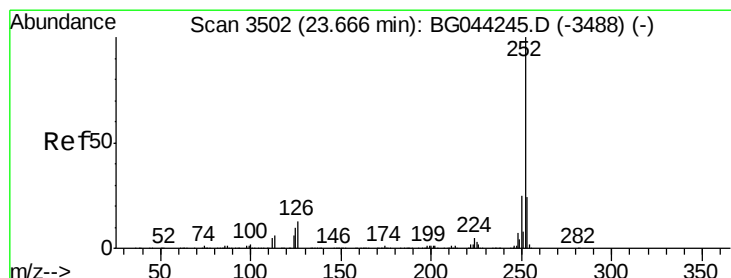
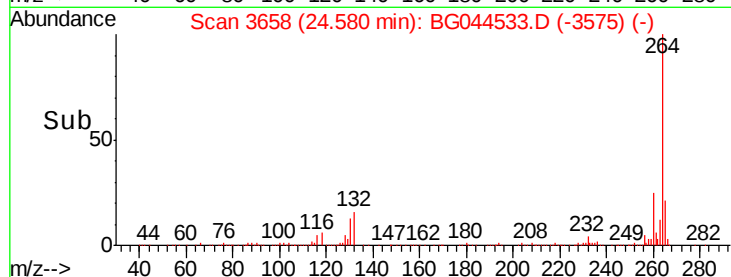
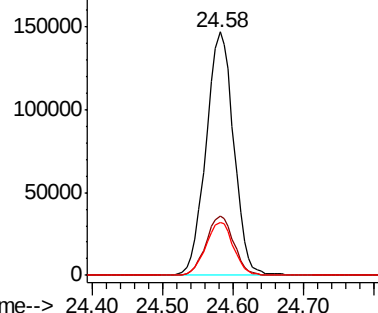
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.58 min Scan# 3658
Delta R.T. -0.04 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 400692
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.6 16.7 25.1

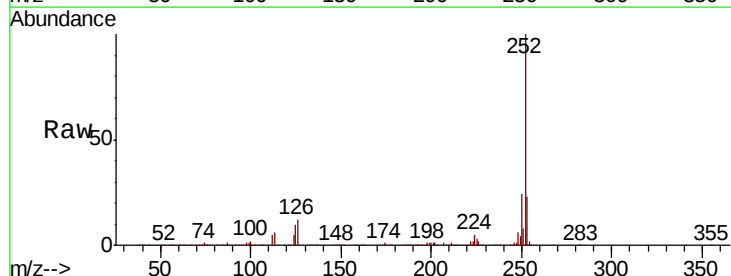


Abundance Ion 264.00 (263.70 to 264.70): E
200000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

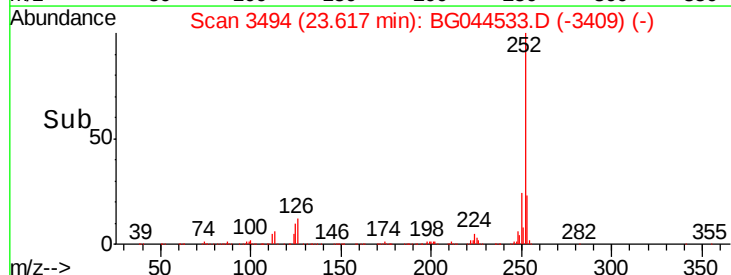
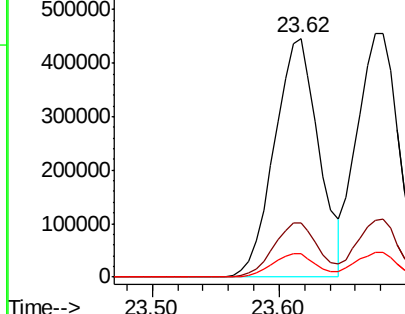


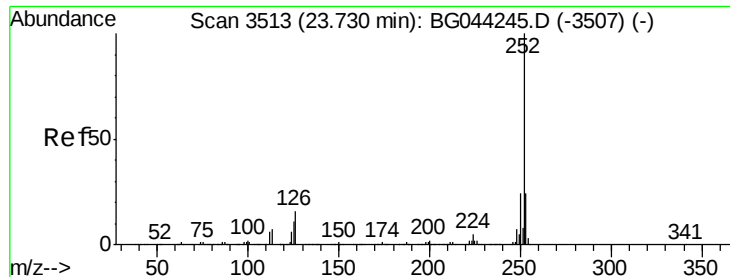
#88
Benzo(b)fluoranthene
Concen: 47.078 ng
RT: 23.62 min Scan# 3494
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:252 Resp: 1087004
Ion Ratio Lower Upper
252 100
253 22.7 19.2 28.8
125 10.0 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

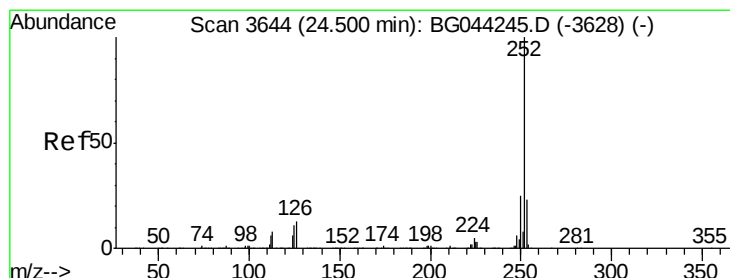
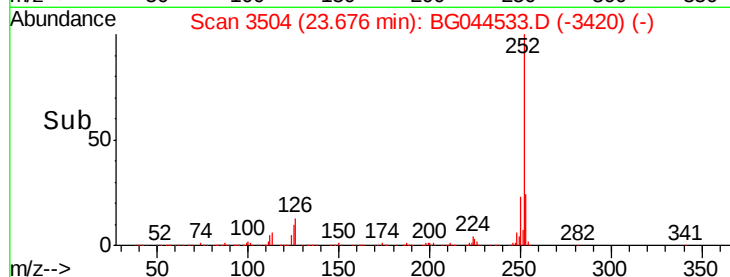
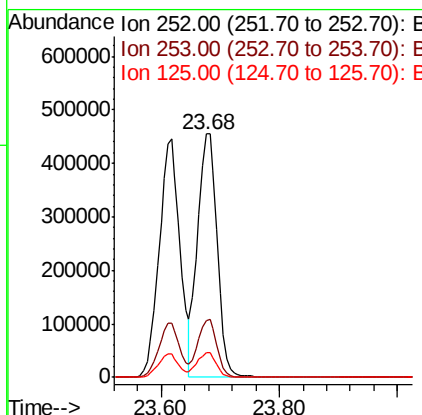
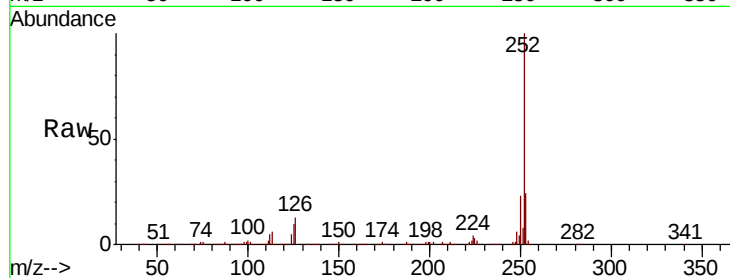




#89
Benzo(k)fluoranthene
Concen: 46.589 ng
RT: 23.68 min Scan# 3504
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

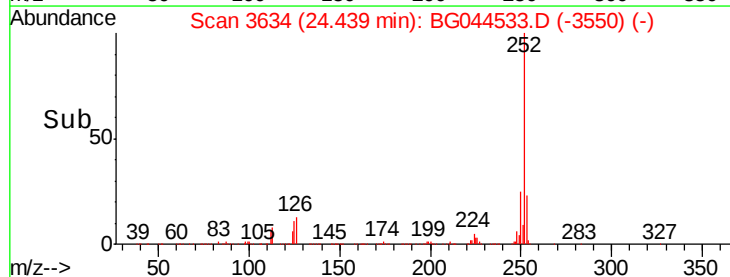
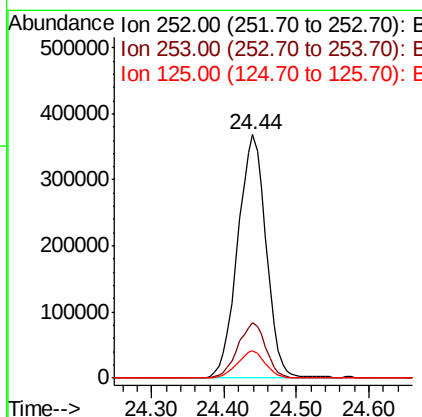
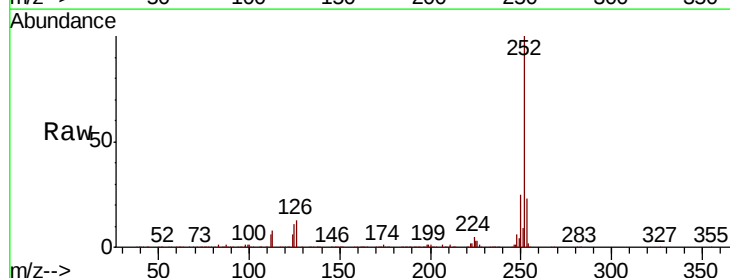
Instrument :
BNA_G
ClientSampleId :

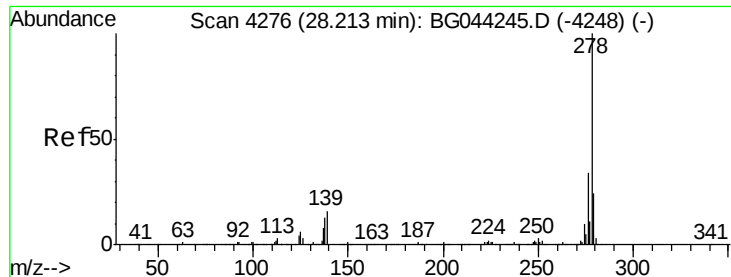
Tot Ion:252 Resp: 1048432
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 10.0 8.6 12.8



#90
Benzo(a)pyrene
Concen: 45.848 ng
RT: 24.44 min Scan# 3634
Delta R.T. -0.03 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:252 Resp: 1000894
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.0 8.6 13.0

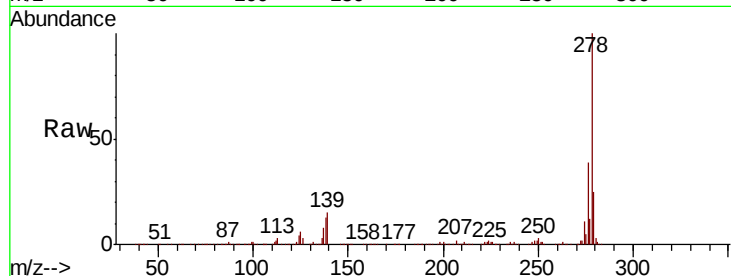




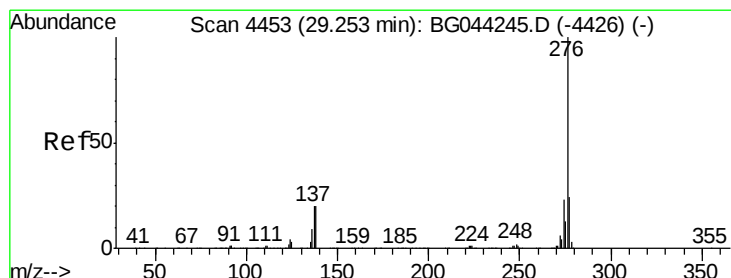
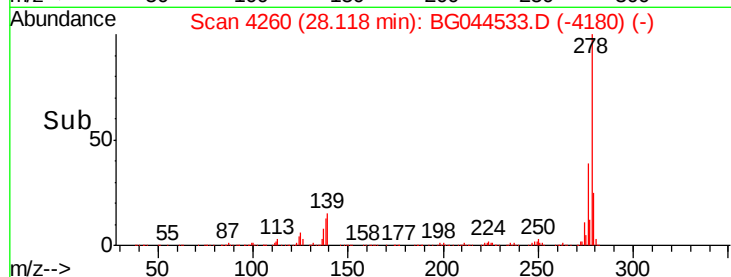
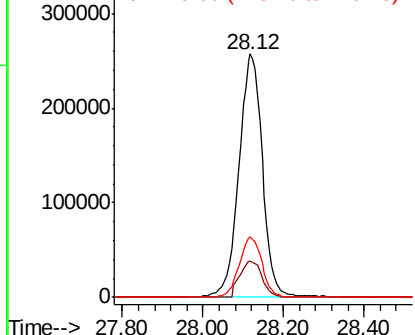
#91
Dibenzo(a,h)anthracene
Concen: 48.370 ng
RT: 28.12 min Scan# 4260
Delta R.T. -0.06 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1045035
Ion Ratio Lower Upper
278 100
139 14.8 12.7 19.1
279 24.7 19.3 28.9

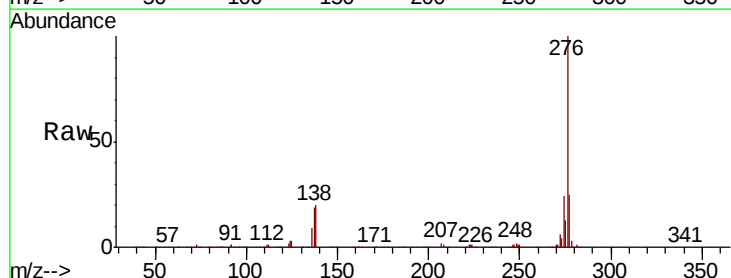


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.064 ng
RT: 29.16 min Scan# 4437
Delta R.T. -0.05 min
Lab File: BG044533.D
Acq: 20 Feb 2020 23:11

Tgt Ion:276 Resp: 1061171
Ion Ratio Lower Upper
276 100
277 24.7 18.8 28.2
138 19.9 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

