

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043545.D
 Acq On : 7 Nov 2019 18:51
 Operator : JU
 Sample : K5710-11MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

Quant Time: Nov 08 04:17:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31701	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	116691	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	82604	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	196047	20.00	ng	0.00
76) Chrysene-d12	21.65	240	212347	20.00	ng	0.00
87) Perylene-d12	24.84	264	245248	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	207000	119.65	ng	0.02
7) Phenol-d6	7.22	99	293644	117.98	ng	0.02
23) Nitrobenzene-d5	9.17	82	174564	77.12	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	172041	109.44	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	438710	73.39	ng	0.00
79) Terphenyl-d14	19.99	244	855848	75.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	23572	34.965	ng	96
3) Pyridine	3.87	79	61681	36.270	ng	97
4) n-Nitrosodimethylamine	3.79	42	36118	42.089	ng	# 96
6) Aniline	7.34	93	53240	18.568	ng	97
8) 2-Chlorophenol	7.59	128	83706	43.832	ng	99
9) Benzaldehyde	7.15	77	42160	34.466	ng	89
10) Phenol	7.24	94	109015	47.930	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	67704	38.501	ng	99
12) 1,3-Dichlorobenzene	7.89	146	93978	39.277	ng	97
13) 1,4-Dichlorobenzene	8.04	146	95847	39.593	ng	97
14) 1,2-Dichlorobenzene	8.36	146	91620	38.762	ng	93
15) Benzyl Alcohol	8.26	79	73930	42.293	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	93084	36.404	ng	98
17) 2-Methylphenol	8.48	107	69123	41.688	ng	94
18) Hexachloroethane	9.09	117	32986	37.767	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	60723	37.754	ng	97
20) 3+4-Methylphenols	8.81	107	94070	41.374	ng	# 85
22) Acetophenone	8.83	105	118620	39.694	ng	# 91
24) Nitrobenzene	9.21	77	92505	42.902	ng	# 98
25) Isophorone	9.73	82	169339	40.921	ng	96
26) 2-Nitrophenol	9.93	139	47802	45.921	ng	# 92
27) 2,4-Dimethylphenol	10.00	122	77937	52.237	ng	94
28) bis(2-Chloroethoxy)methane	10.21	93	93001	40.719	ng	98
29) 2,4-Dichlorophenol	10.49	162	87593	45.821	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	99050	41.110	ng	97
31) Naphthalene	10.86	128	259095	43.743	ng	98
32) Benzoic acid	10.19	122	43436	39.989	ng	96
33) 4-Chloroaniline	10.99	127	28048	11.552	ng	# 92
34) Hexachlorobutadiene	11.15	225	69254	38.883	ng	96
35) Caprolactam	11.75	113	17291	26.263	ng	88
36) 4-Chloro-3-methylphenol	12.13	107	94013	45.086	ng	98
37) 2-Methylnaphthalene	12.47	142	195647	43.049	ng	98
38) 1-Methylnaphthalene	12.68	142	183817	42.509	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	124567	40.747	ng	98

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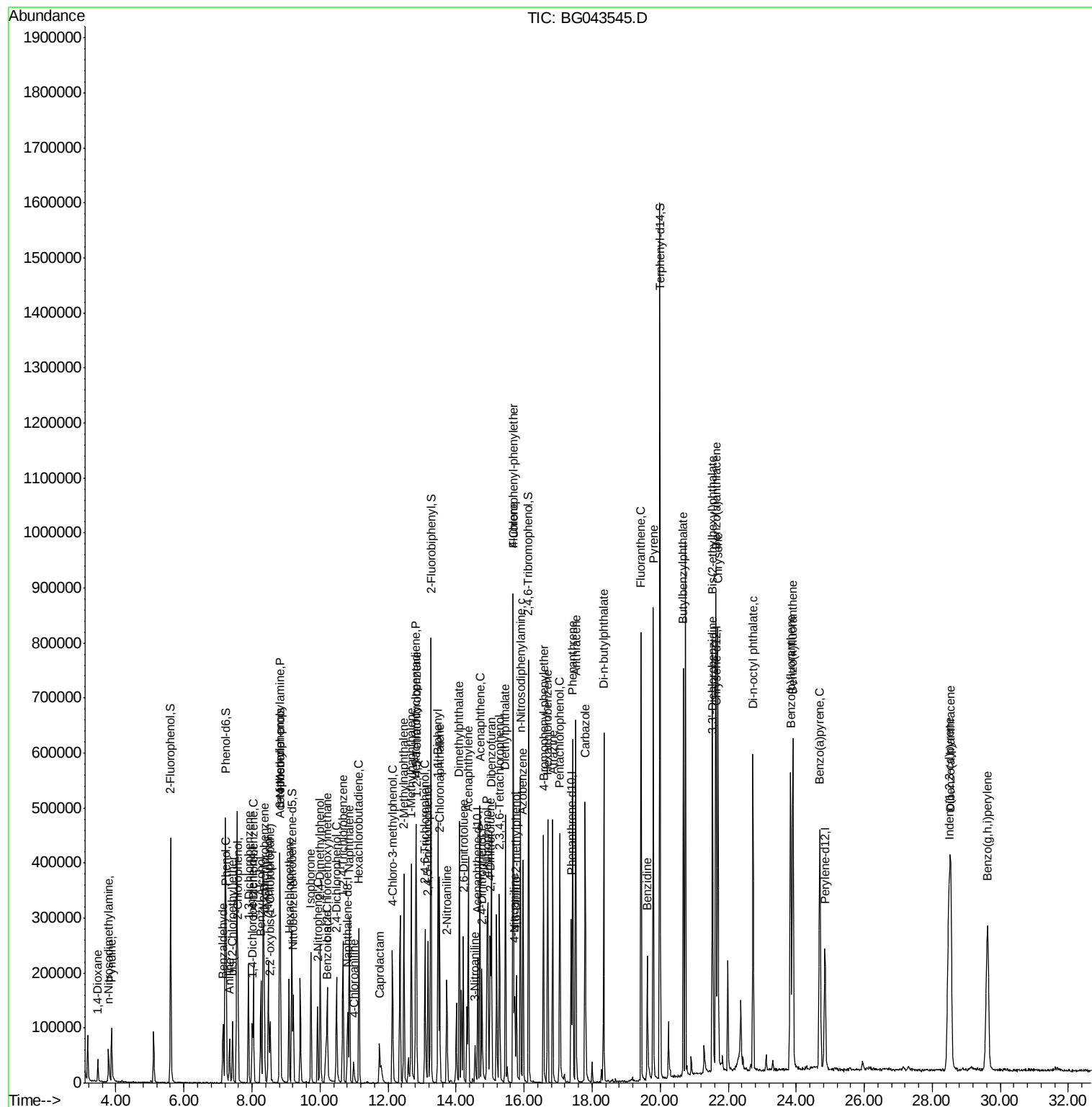
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	122287	76.149	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	81538	45.291	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	84423	46.384	ng	95
46) 1,1'-Biphenyl	13.47	154	259213	41.249	ng	100
47) 2-Chloronaphthalene	13.52	162	200461	41.926	ng	97
48) 2-Nitroaniline	13.73	65	60769	42.524	ng	95
49) Acenaphthylene	14.36	152	325377	43.725	ng	99
50) Dimethylphthalate	14.09	163	312049	48.771	ng	99
51) 2,6-Dinitrotoluene	14.22	165	60092	43.231	ng	96
52) Acenaphthene	14.70	154	192243	42.362	ng	97
53) 3-Nitroaniline	14.55	138	21962	16.365	ng	100
54) 2,4-Dinitrophenol	14.76	184	61950	72.157	ng	96
55) Dibenzofuran	15.04	168	318620	43.295	ng	99
56) 4-Nitrophenol	14.90	139	85711	95.305	ng	93
57) 2,4-Dinitrotoluene	15.00	165	85127	42.853	ng	# 98
58) Fluorene	15.68	166	268537	43.507	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	85740	44.338	ng	96
60) Diethylphthalate	15.45	149	263881	41.046	ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	149959	41.646	ng	96
62) 4-Nitroaniline	15.72	138	55988	40.396	ng	98
63) Azobenzene	15.97	77	223630	42.981	ng	95
65) 4,6-Dinitro-2-methylphenol	15.77	198	51947	45.025	ng	94
66) n-Nitrosodiphenylamine	15.89	169	236707	42.766	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	106665	40.429	ng	99
68) Hexachlorobenzene	16.70	284	120311	39.726	ng	99
69) Atrazine	16.84	200	102342	53.213	ng	96
70) Pentachlorophenol	17.05	266	108087	78.325	ng	94
71) Phenanthrene	17.43	178	426463	42.480	ng	100
72) Anthracene	17.52	178	443671	44.172	ng	99
73) Carbazole	17.79	167	399999	43.976	ng	98
74) Di-n-butylphthalate	18.34	149	466900	42.305	ng	99
75) Fluoranthene	19.43	202	572731	43.760	ng	99
77) Benzidine	19.62	184	189418	44.323	ng	99
78) Pyrene	19.80	202	576306	43.845	ng	99
80) Butylbenzylphthalate	20.68	149	216597	43.496	ng	96
81) Benzo(a)anthracene	21.63	228	593654	44.631	ng	98
82) 3,3'-Dichlorobenzidine	21.55	252	105677	20.541	ng	99
83) Chrysene	21.70	228	565814	42.813	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	312423	44.166	ng	99
85) Di-n-octyl phthalate	22.73	149	521592	43.462	ng	100
86) Indeno(1,2,3-cd)pyrene	28.49	276	715677	43.141	ng	99
88) Benzo(b)fluoranthene	23.83	252	595562	42.877	ng	99
89) Benzo(k)fluoranthene	23.90	252	615529	44.019	ng	98
90) Benzo(a)pyrene	24.70	252	562380	42.399	ng	97
91) Dibenzo(a,h)anthracene	28.54	278	614179	45.270	ng	99
92) Benzo(g,h,i)perylene	29.62	276	605903	45.275	ng	99

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

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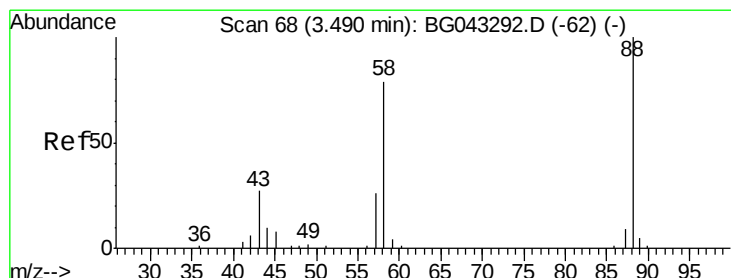
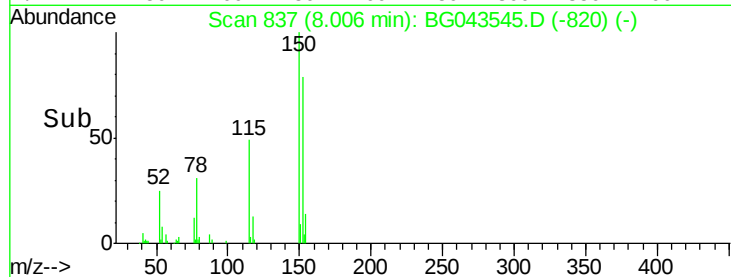
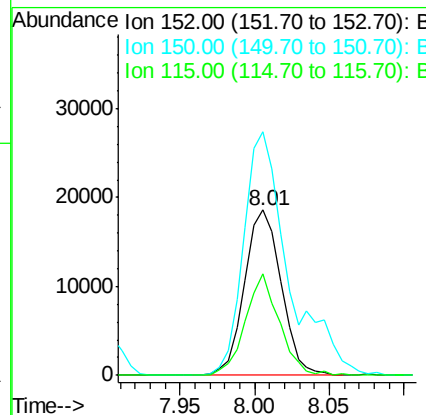
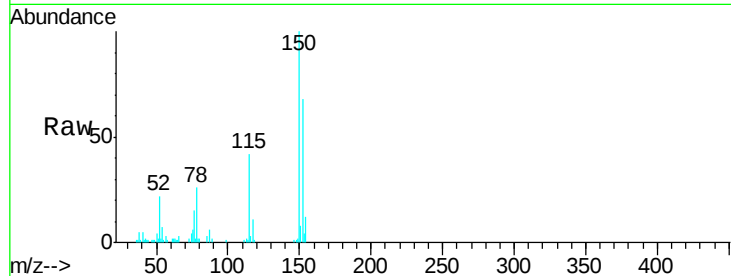


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Instrument :
BNA_G
ClientSampleId :
TP- 32-DMSD

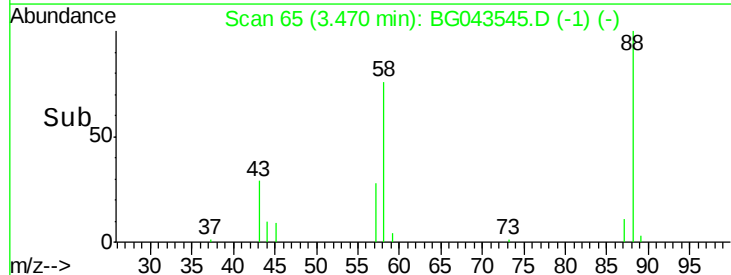
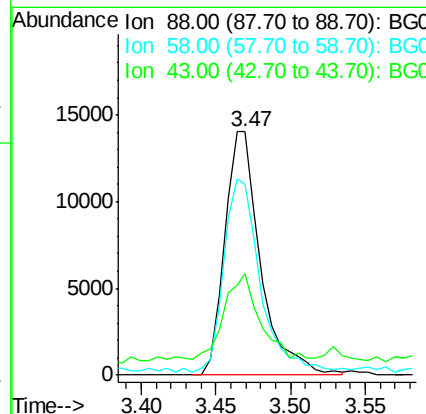
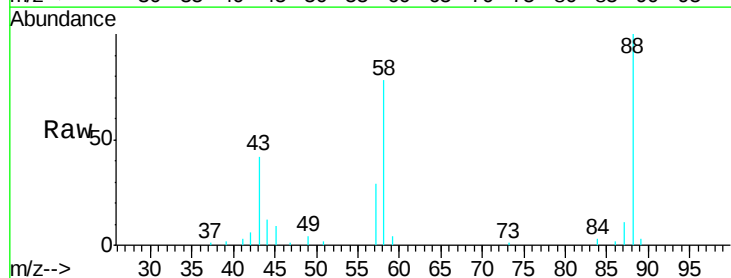
Tgt Ion:152 Resp: 31701
Ion Ratio Lower Upper
152 100
150 147.2 129.4 194.0
115 61.3 48.8 73.2



#2

1,4-Dioxane
Concen: 34.965 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Tgt Ion: 88 Resp: 23572
Ion Ratio Lower Upper
88 100
58 80.7 62.7 94.1
43 34.5 23.7 35.5





#3

Pyridine

Concen: 36.270 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

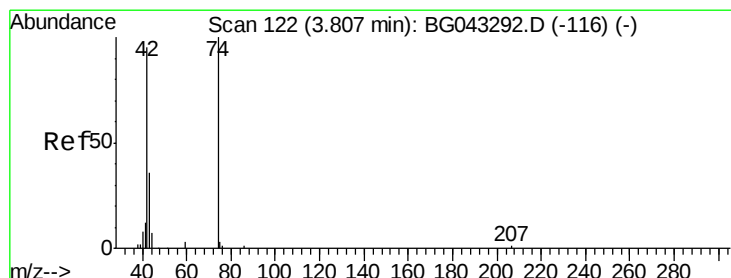
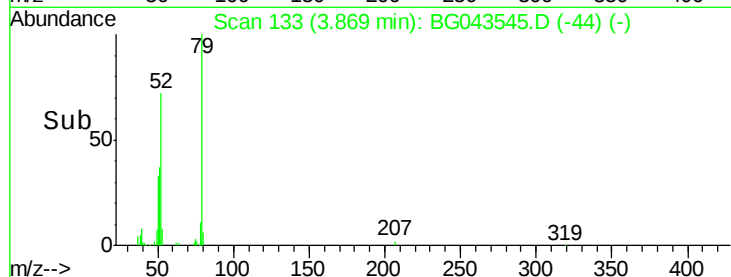
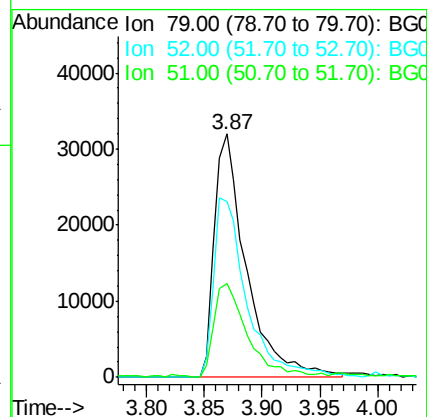
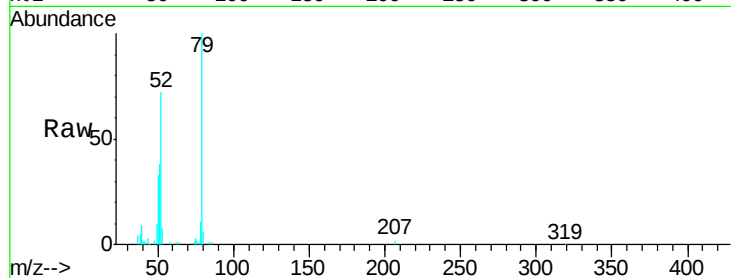
Tgt Ion: 79 Resp: 61681

Ion Ratio Lower Upper

79 100

52 72.0 56.5 84.7

51 38.4 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 42.089 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

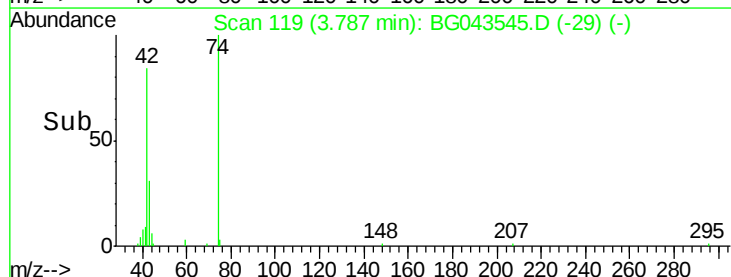
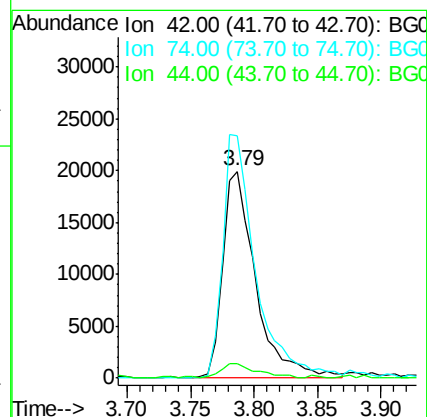
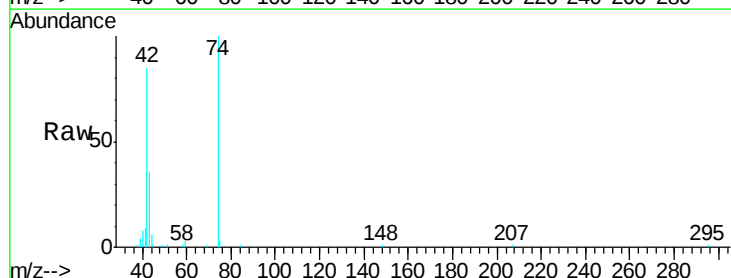
Tgt Ion: 42 Resp: 36118

Ion Ratio Lower Upper

42 100

74 117.1 97.3 145.9

44 7.2 4.4 6.6#





#5

2-Fluorophenol

Concen: 119.654 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.02 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

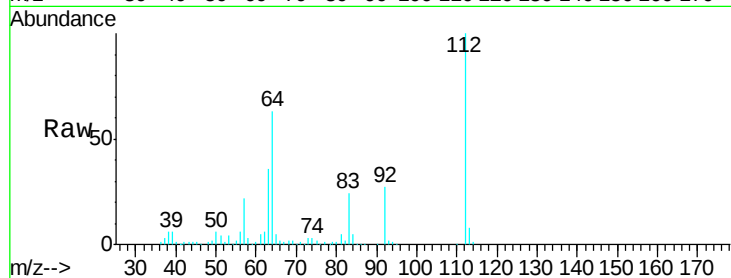
Tgt Ion: 112 Resp: 207000

Ion Ratio Lower Upper

112 100

64 62.8 50.0 75.0

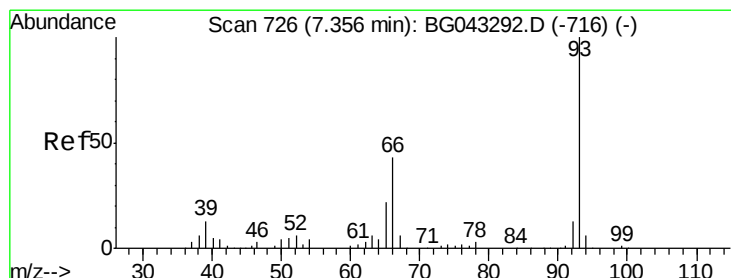
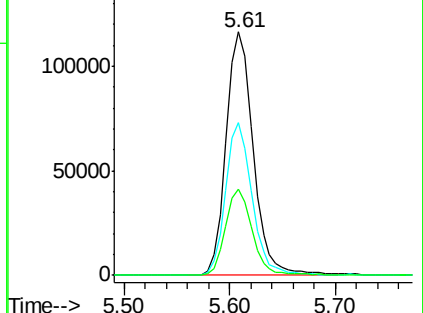
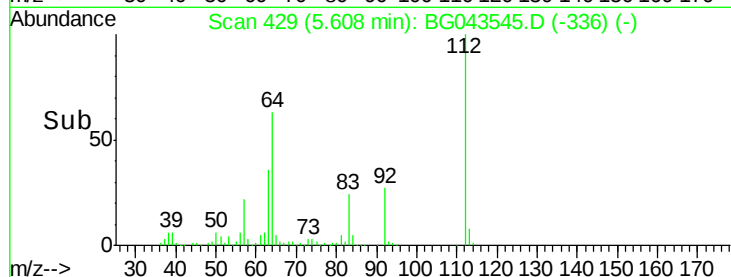
63 35.6 26.6 40.0



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: 18.568 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

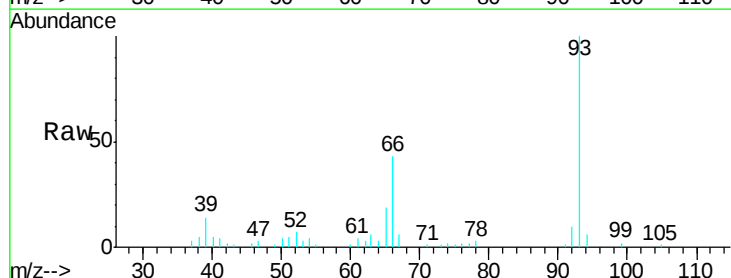
Tgt Ion: 93 Resp: 53240

Ion Ratio Lower Upper

93 100

66 42.5 32.3 48.5

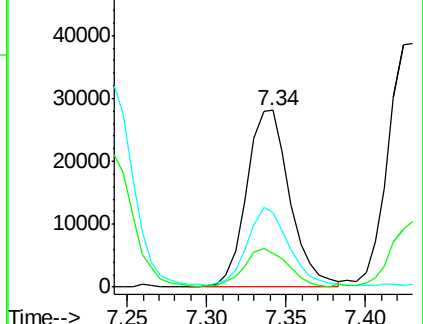
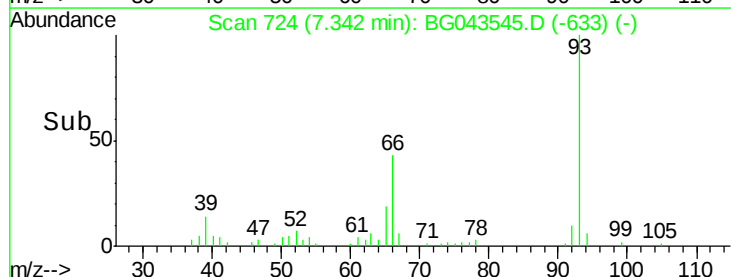
65 19.2 16.1 24.1

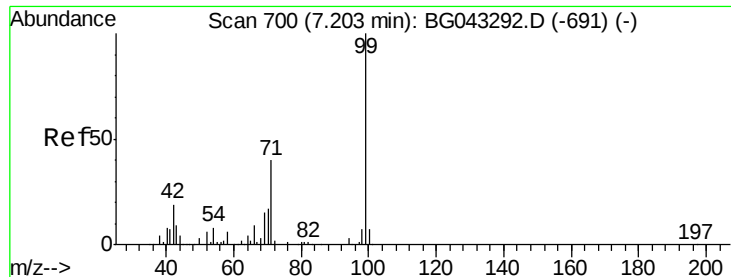


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.975 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

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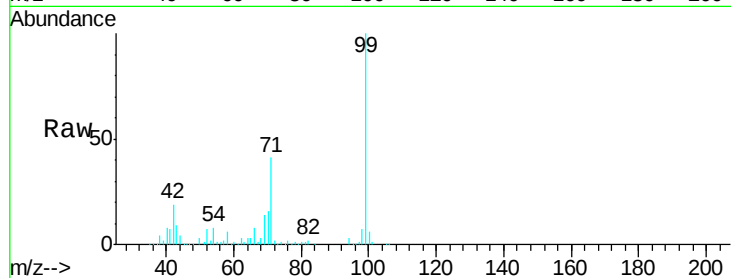
Tgt Ion: 99 Resp: 293644

Ion Ratio Lower Upper

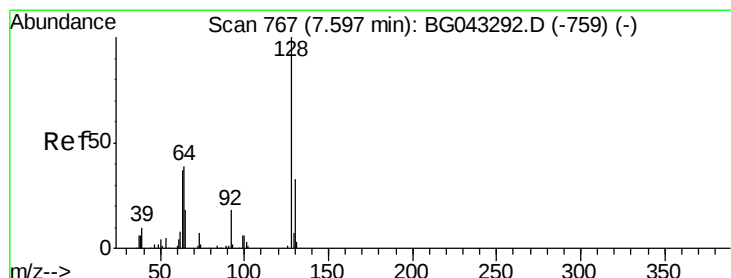
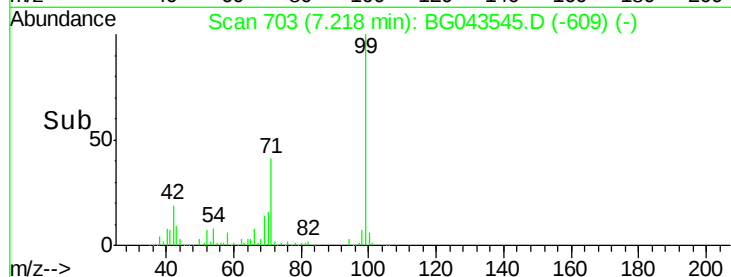
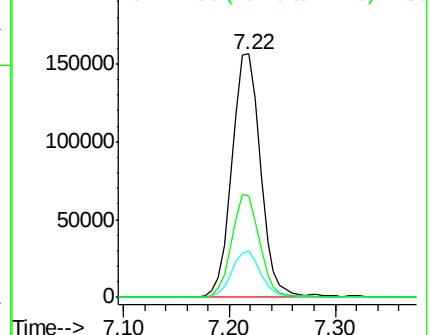
99 100

42 19.1 14.6 21.8

71 41.5 32.5 48.7



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



#8

2-Chlorophenol

Concen: 43.832 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

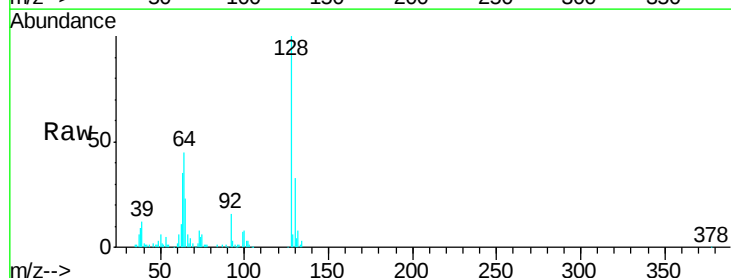
Tgt Ion:128 Resp: 83706

Ion Ratio Lower Upper

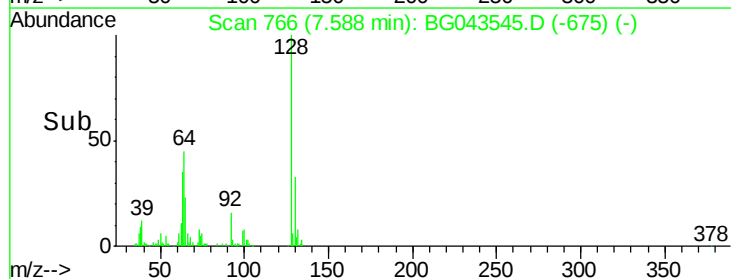
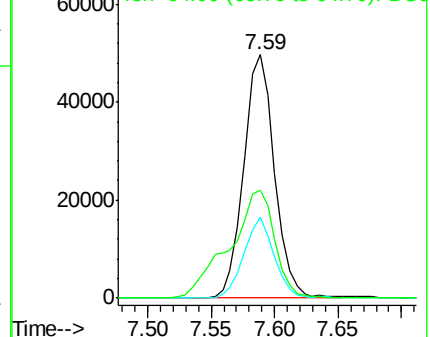
128 100

130 33.3 12.5 52.5

64 44.5 25.3 65.3



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





#9

Benzaldehyde

Concen: 34.466 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

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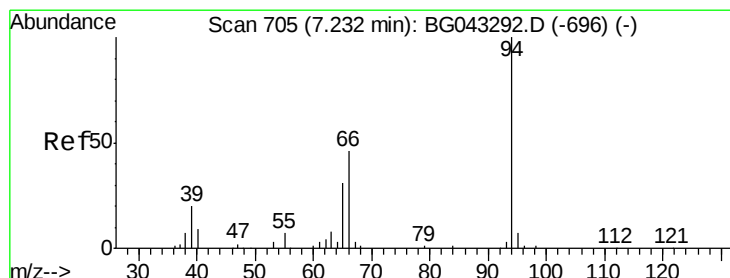
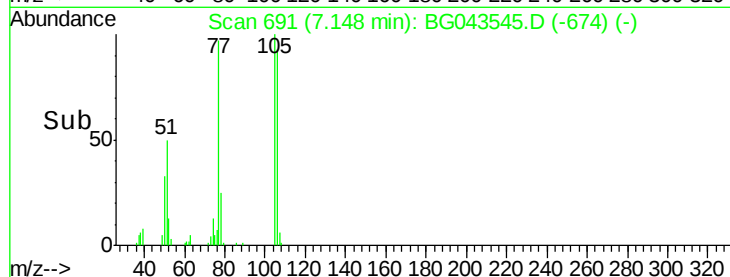
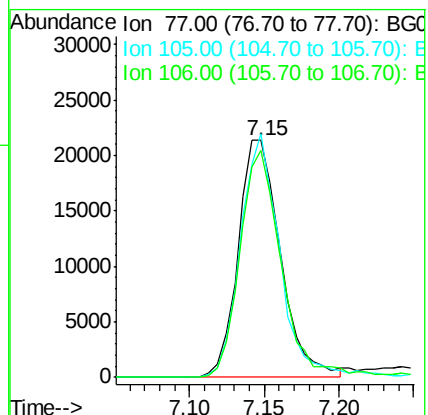
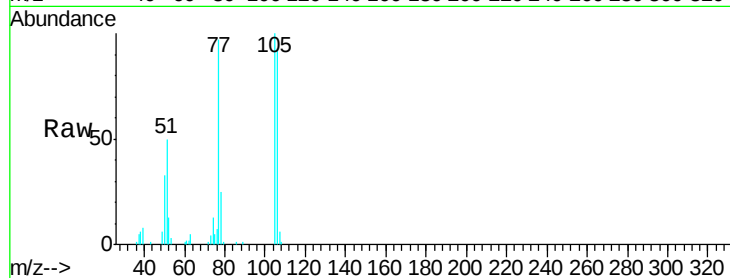
Tgt Ion: 77 Resp: 42160

Ion Ratio Lower Upper

77 100

105 102.7 68.6 108.6

106 95.7 69.9 109.9



#10

Phenol

Concen: 47.930 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.02 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

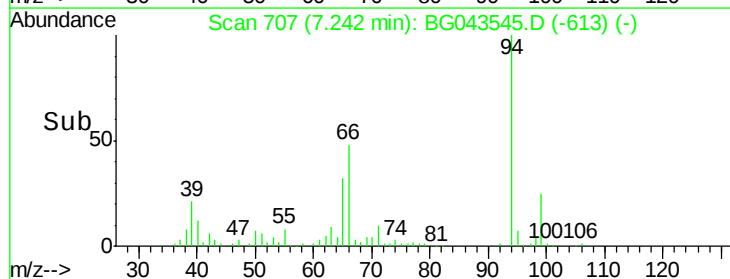
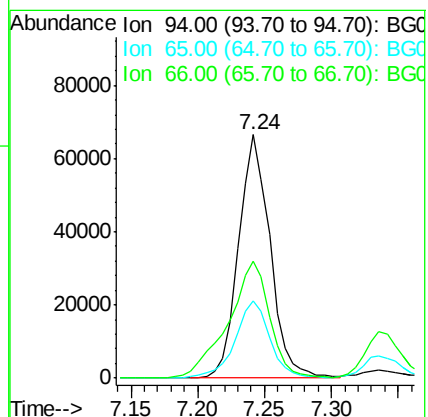
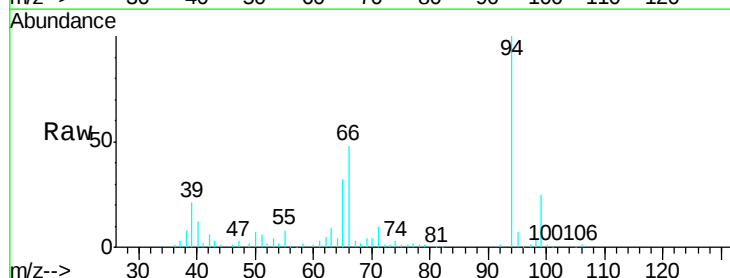
Tgt Ion: 94 Resp: 109015

Ion Ratio Lower Upper

94 100

65 31.6 12.6 52.6

66 48.1 30.7 70.7

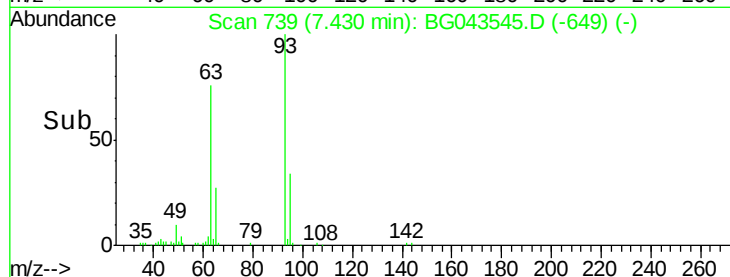
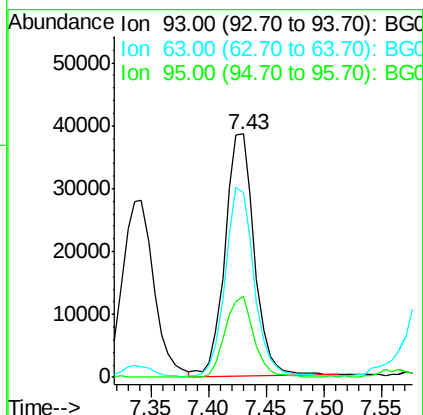
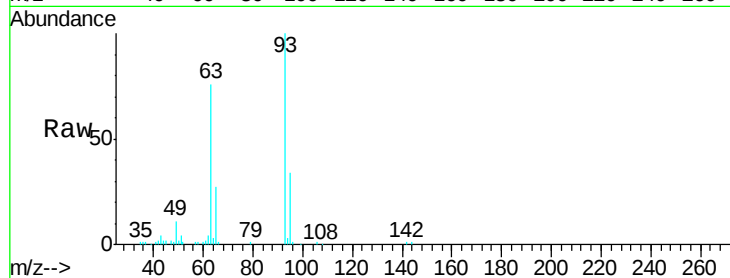




#11
bis(2-Chloroethyl)ether
Concen: 38.501 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

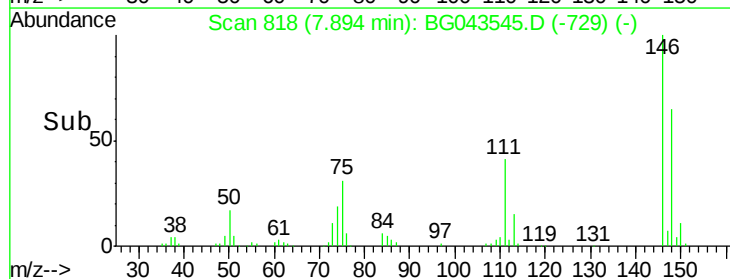
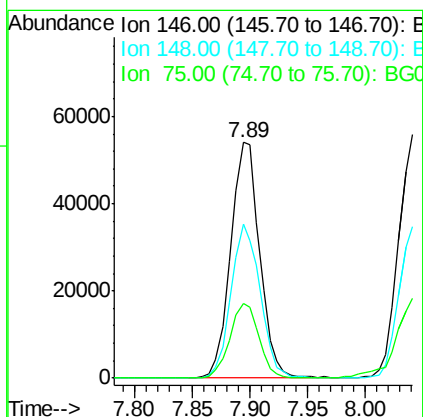
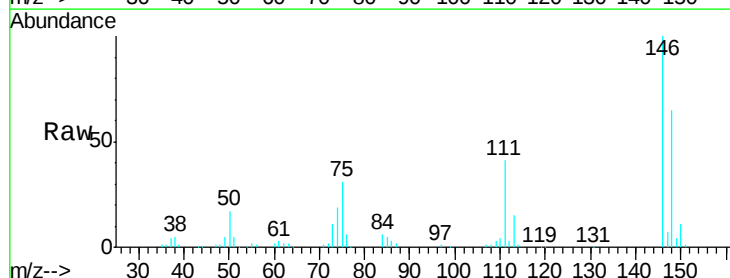
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMSD

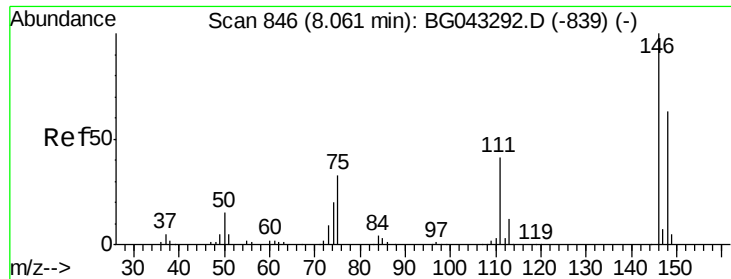
Tgt Ion: 93 Resp: 67704
Ion Ratio Lower Upper
93 100
63 76.1 56.3 96.3
95 33.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.277 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Tgt Ion: 146 Resp: 93978
Ion Ratio Lower Upper
146 100
148 65.3 50.3 75.5
75 31.4 24.6 37.0

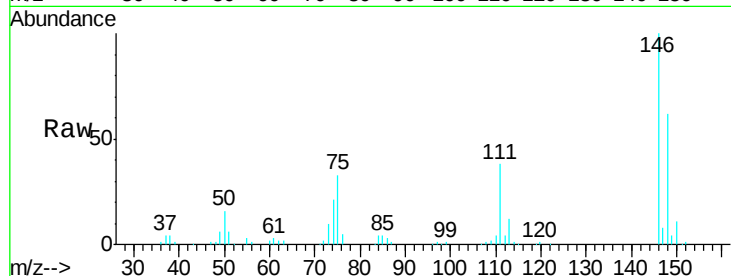




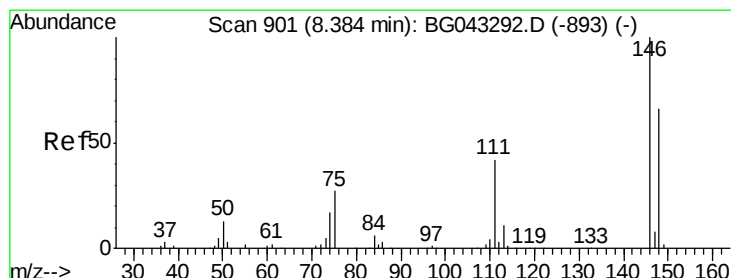
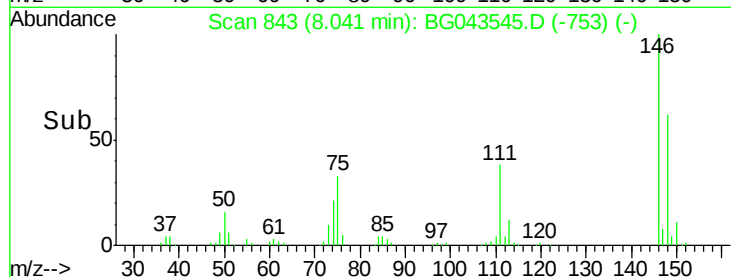
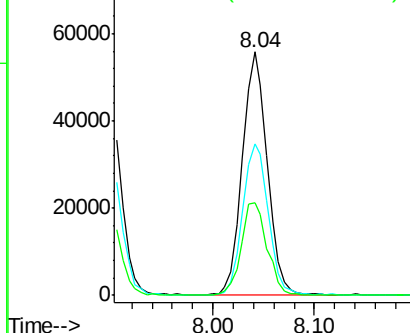
#13
 1,4-Dichlorobenzene
 Concen: 39.593 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

Tgt Ion:146 Resp: 95847
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.7 76.1
 111 37.9 33.4 50.2

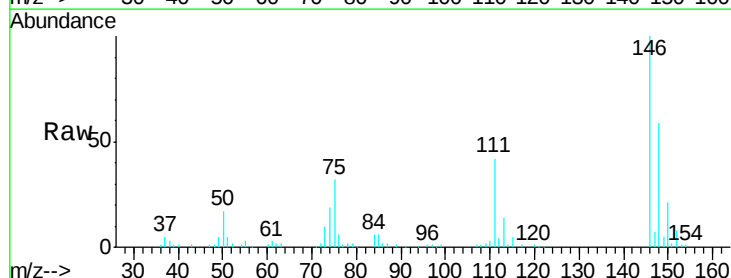


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

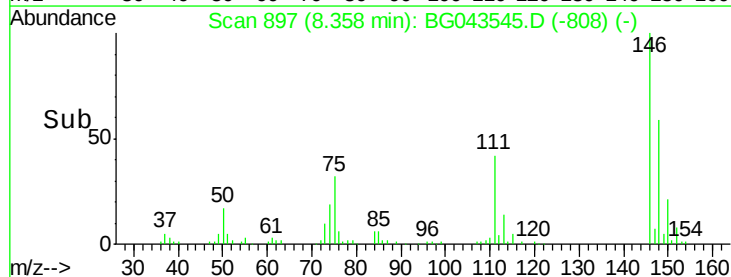
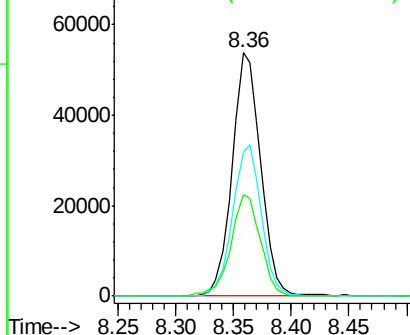


#14
 1,2-Dichlorobenzene
 Concen: 38.762 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Tgt Ion:146 Resp: 91620
 Ion Ratio Lower Upper
 146 100
 148 59.3 53.2 79.8
 111 41.8 35.8 53.6



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: 42.293 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

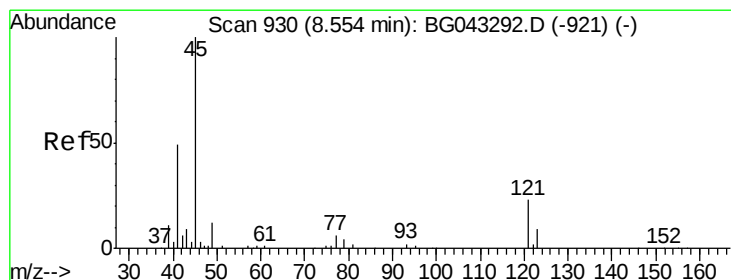
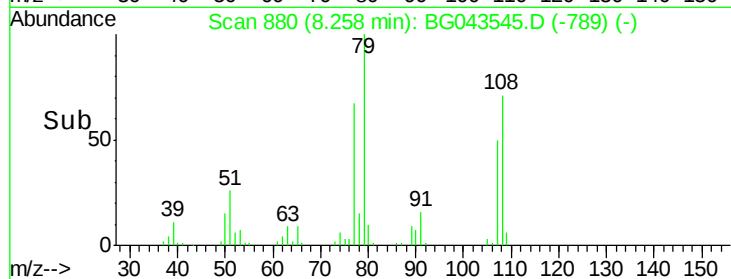
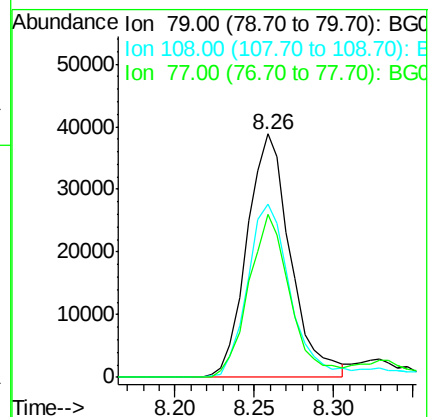
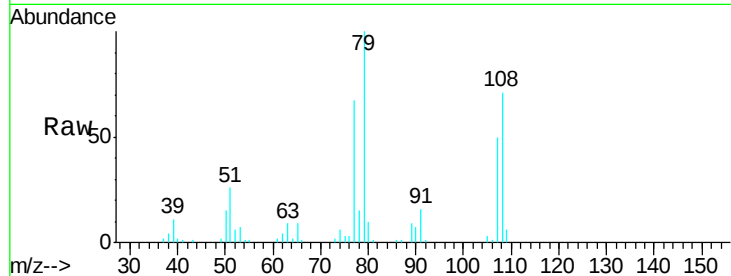
Tgt Ion: 79 Resp: 73930

Ion Ratio Lower Upper

79 100

108 71.2 53.6 80.4

77 66.8 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.404 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

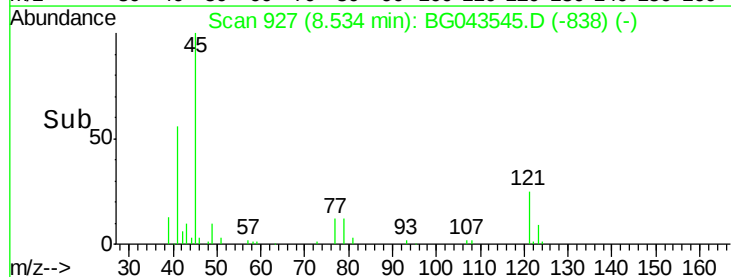
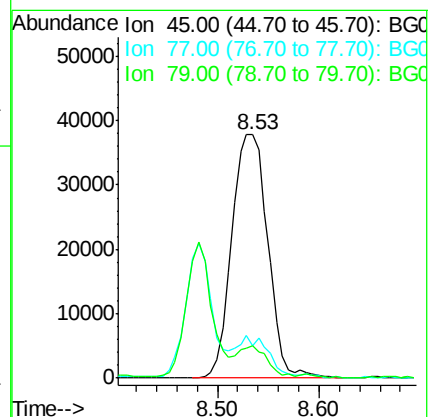
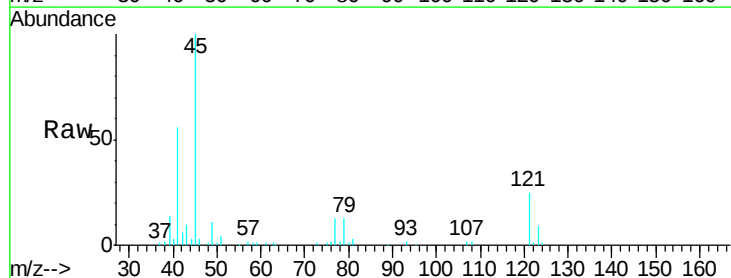
Tgt Ion: 45 Resp: 93084

Ion Ratio Lower Upper

45 100

77 13.3 0.0 34.9

79 13.2 0.0 33.0





#17

2-Methylphenol

Concen: 41.688 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.02 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

Tgt Ion:107 Resp: 69123

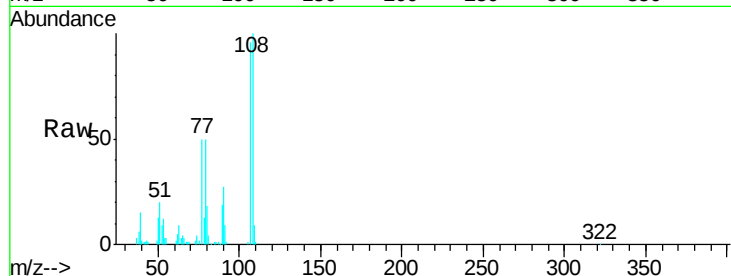
Ion Ratio Lower Upper

107 100

108 104.1 90.2 135.4

77 52.1 40.2 60.2

79 52.5 44.0 66.0



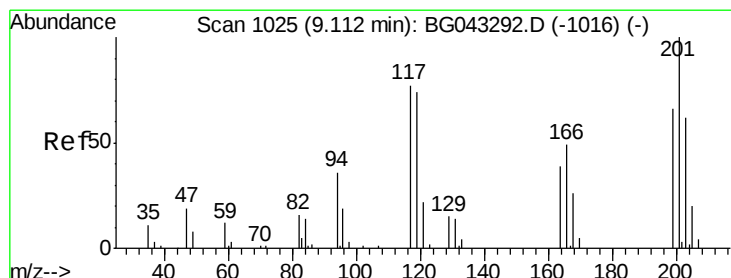
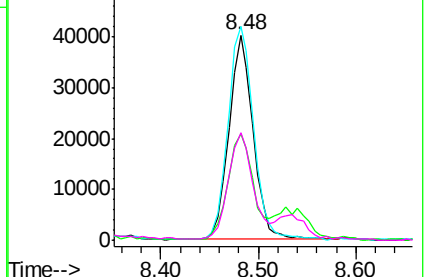
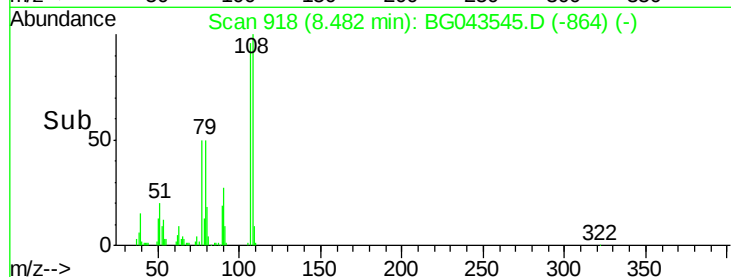
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 37.767 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

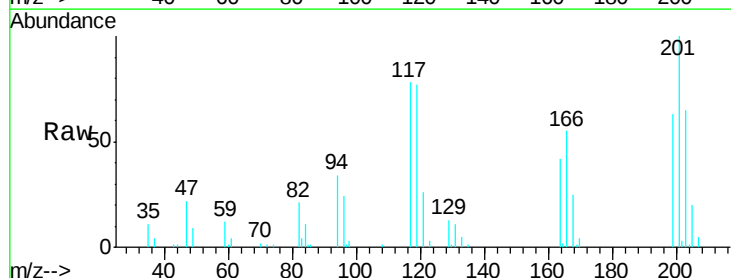
Tgt Ion:117 Resp: 32986

Ion Ratio Lower Upper

117 100

119 99.0 79.0 118.4

201 128.6 105.4 158.2

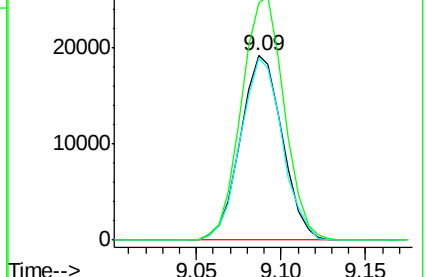
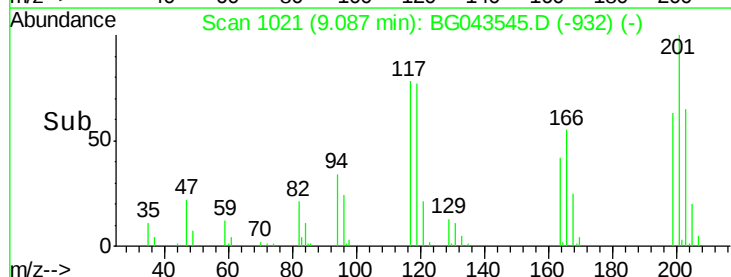


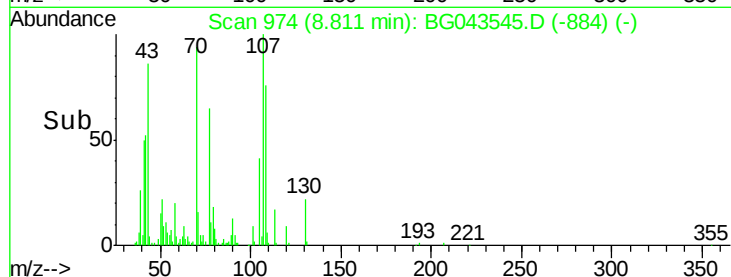
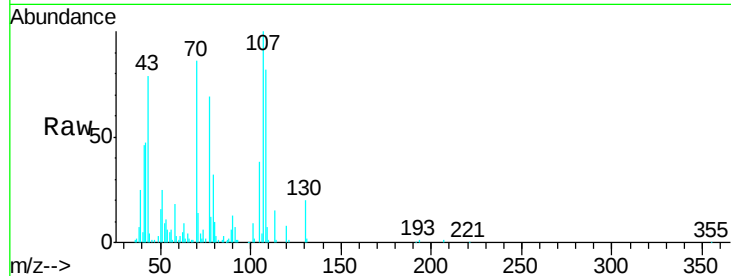
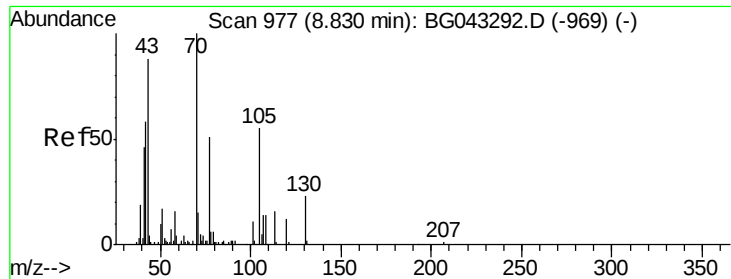
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

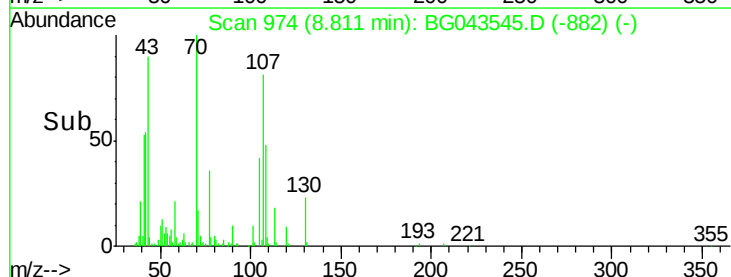
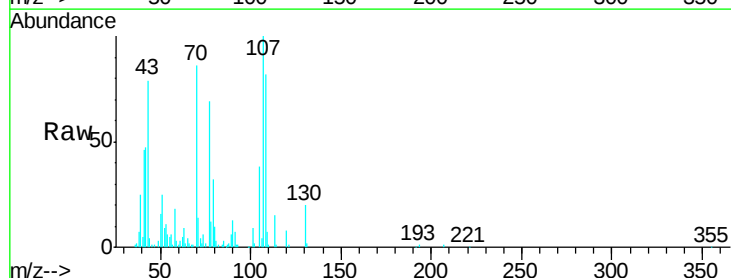
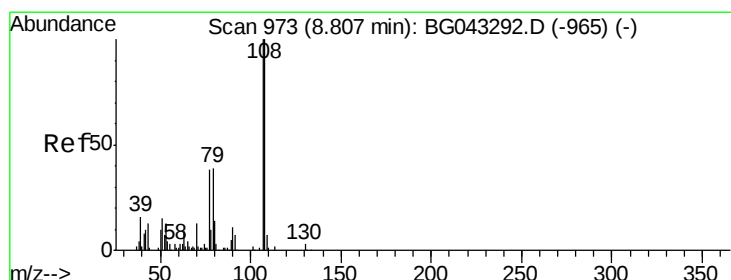
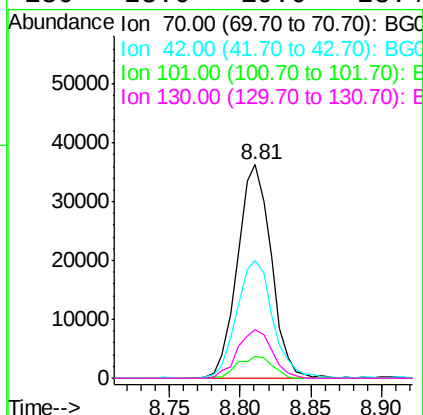




#19
n-Nitroso-di-n-propylamine
Concen: 37.754 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

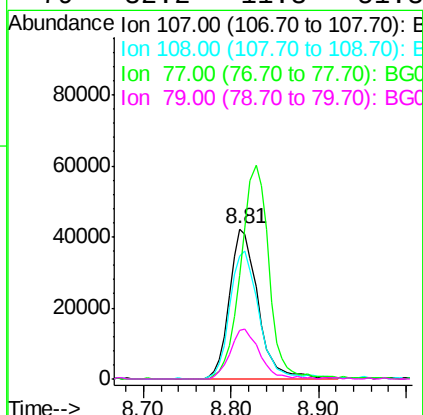
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMSD

Tgt Ion:	70	Resp:	60723
Ion	Ratio	Lower	Upper
70	100		
42	54.9	41.4	62.2
101	10.0	7.9	11.9
130	23.0	19.0	28.4



#20
3+4-Methylphenols
Concen: 41.374 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Tgt Ion:	107	Resp:	94070
Ion	Ratio	Lower	Upper
107	100		
108	82.1	66.6	106.6
77	69.4	20.9	60.9
79	32.2	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

Tgt Ion:136 Resp: 116691

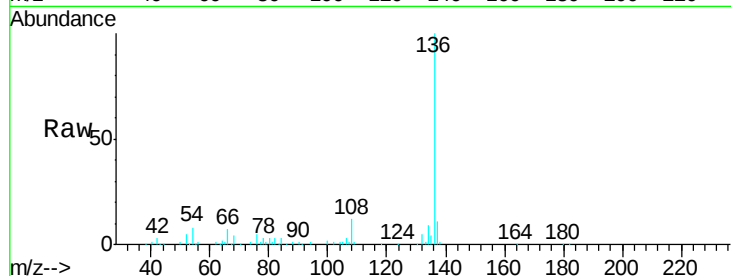
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.6 5.4 8.2

68 4.1 3.0 4.4

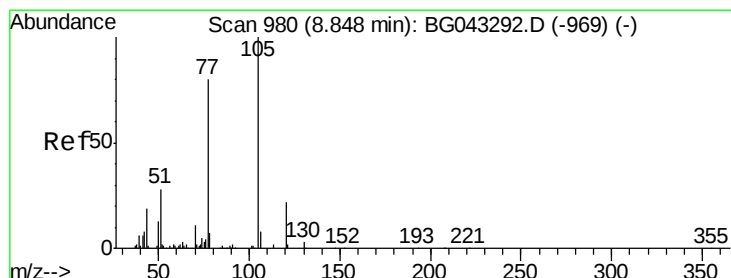
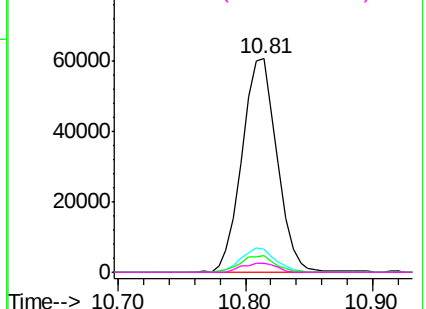
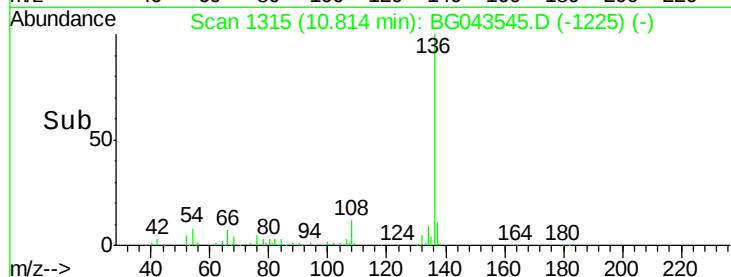


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.694 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Tgt Ion:105 Resp: 118620

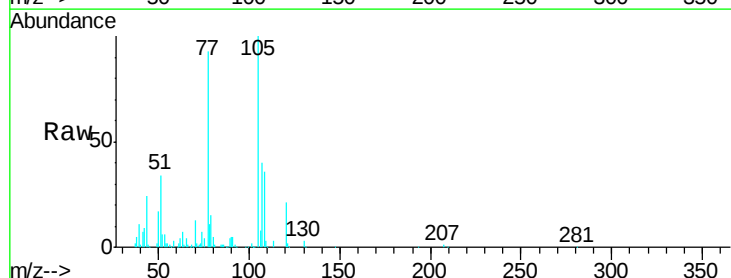
Ion Ratio Lower Upper

105 100

71 2.4 0.8 1.2#

51 33.8 21.0 31.4#

120 21.2 18.0 27.0

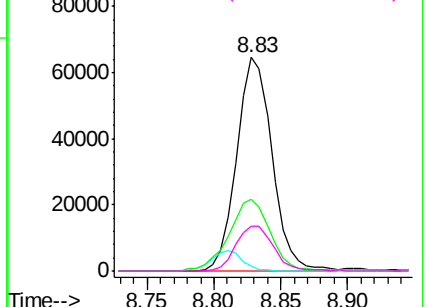
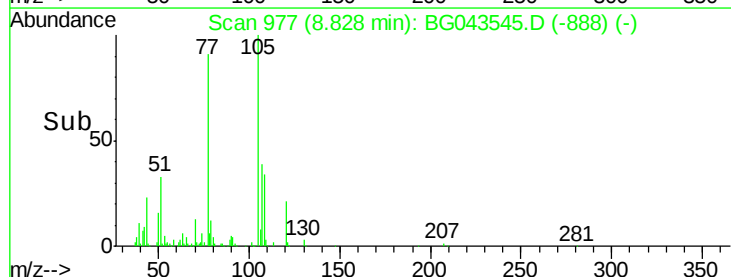


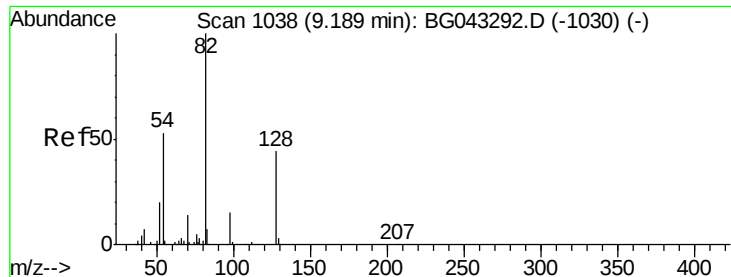
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

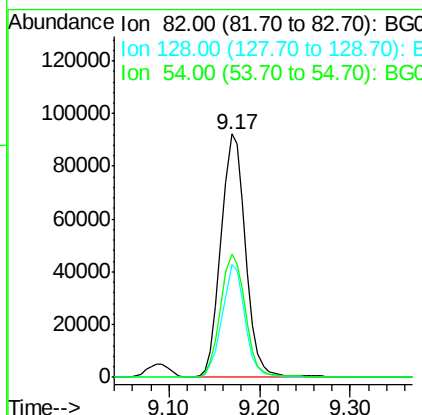
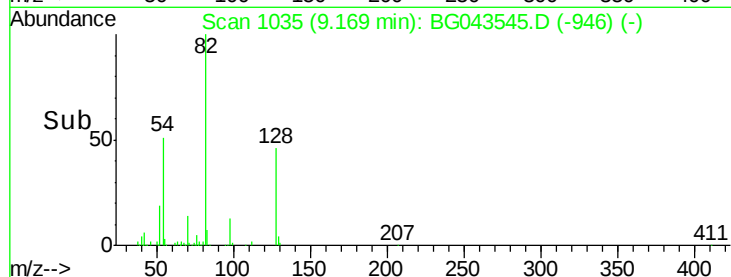
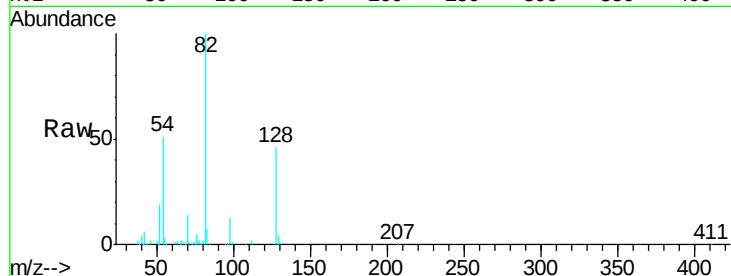




#23
 Nitrobenzene-d5
 Concen: 77.123 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

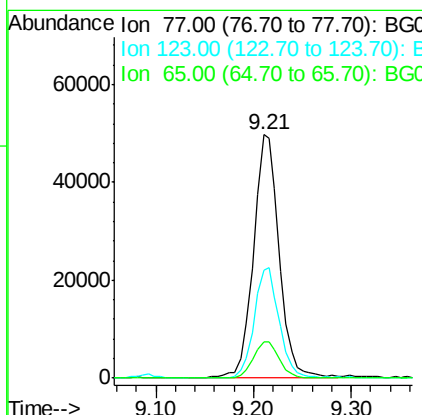
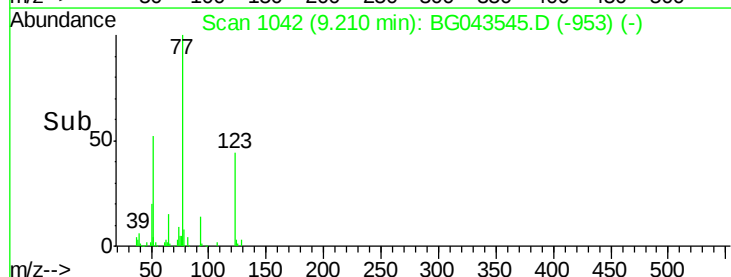
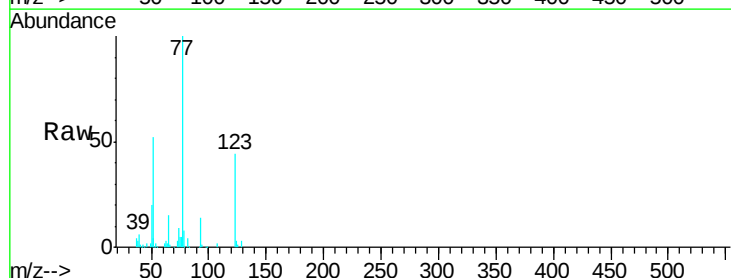
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

Tgt Ion: 82 Resp: 174564
 Ion Ratio Lower Upper
 82 100
 128 46.2 35.0 52.6
 54 50.9 40.2 60.2



#24
 Nitrobenzene
 Concen: 42.902 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Tgt Ion: 77 Resp: 92505
 Ion Ratio Lower Upper
 77 100
 123 44.4 35.0 52.6
 65 14.8 9.5 14.3#





#25

Isophorone

Concen: 40.921 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

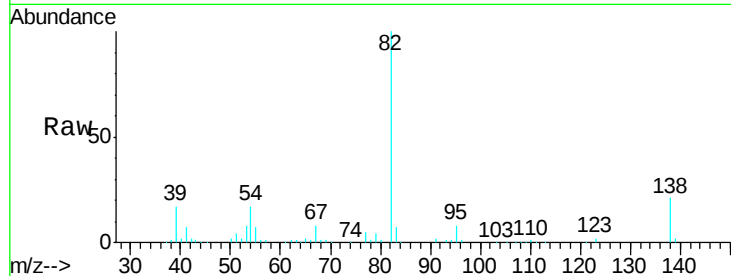
Tgt Ion: 82 Resp: 169339

Ion Ratio Lower Upper

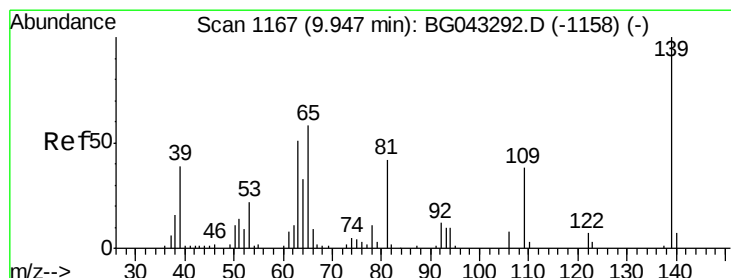
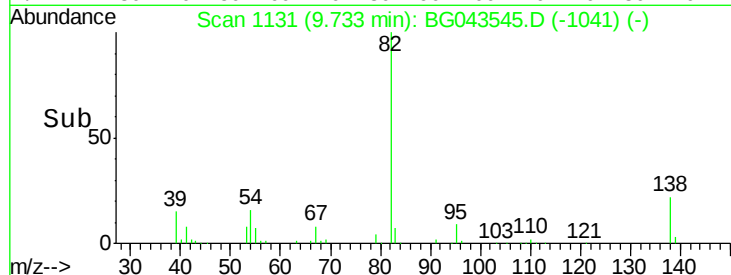
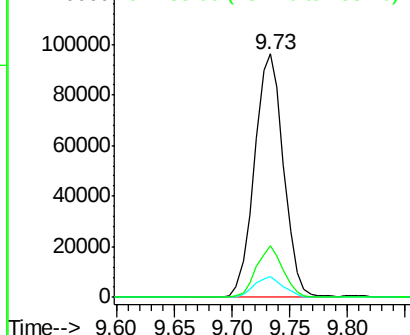
82 100

95 8.5 6.6 9.8

138 21.2 15.2 22.8



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



#26

2-Nitrophenol

Concen: 45.921 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

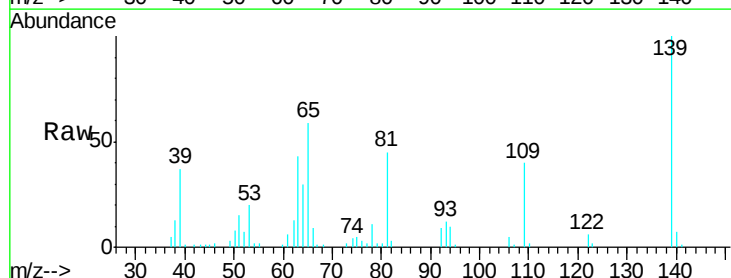
Tgt Ion: 139 Resp: 47802

Ion Ratio Lower Upper

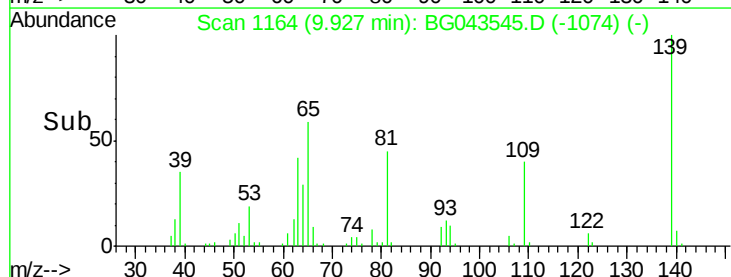
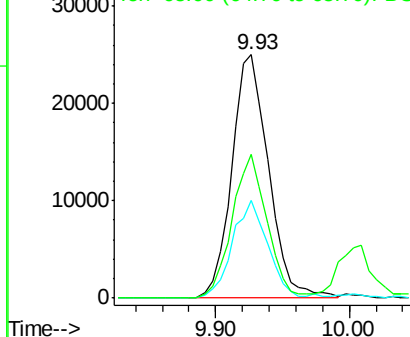
139 100

109 39.9 26.5 39.7#

65 59.0 43.8 65.8



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

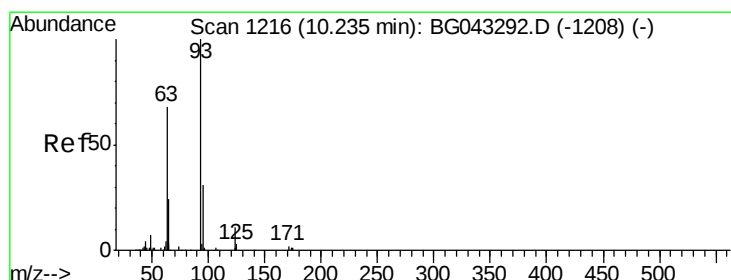
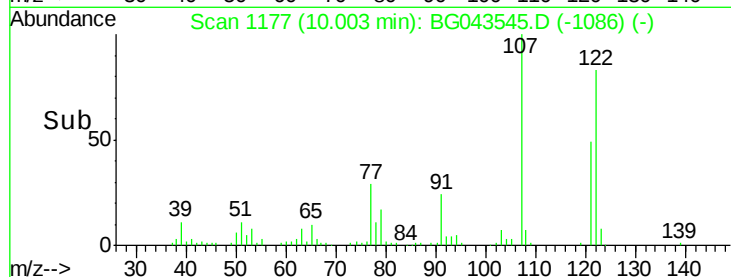
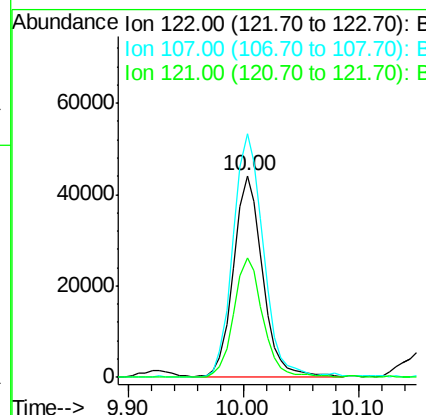
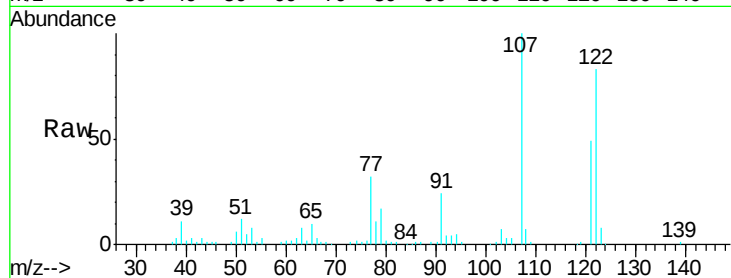




#27
2,4-Dimethylphenol
Concen: 52.237 ng
RT: 10.00 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

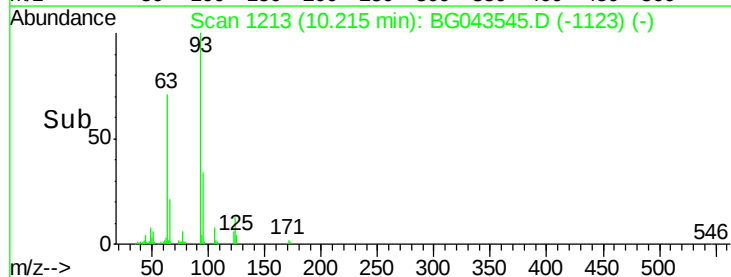
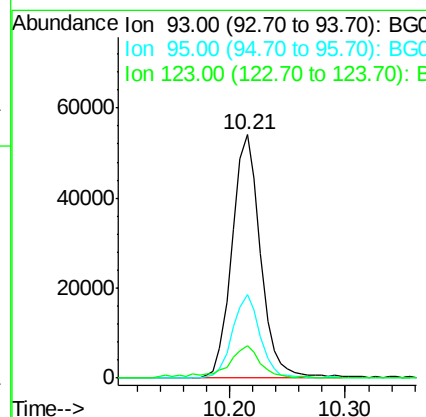
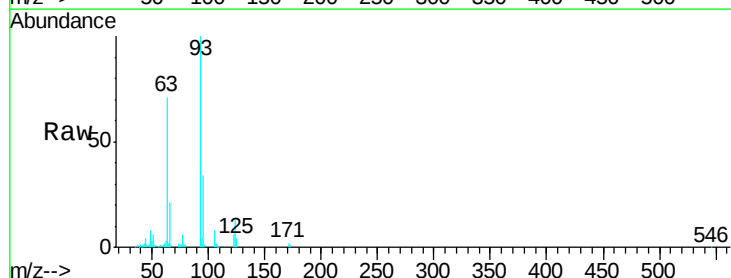
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMSD

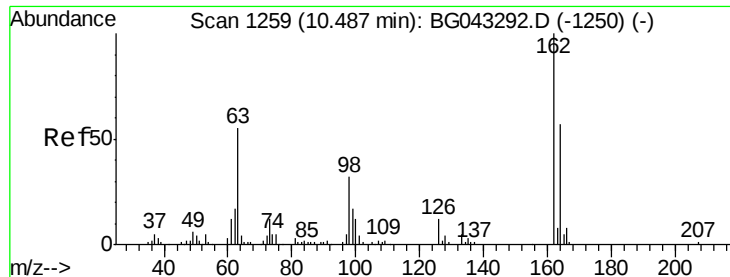
Tgt Ion:122 Resp: 77937
Ion Ratio Lower Upper
122 100
107 120.7 104.4 156.6
121 59.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.719 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Tgt Ion: 93 Resp: 93001
Ion Ratio Lower Upper
93 100
95 34.1 26.0 39.0
123 13.2 10.6 15.8

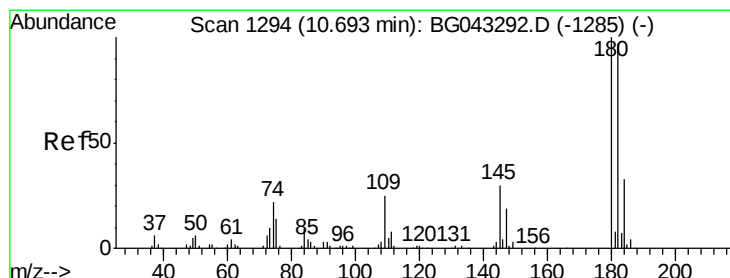
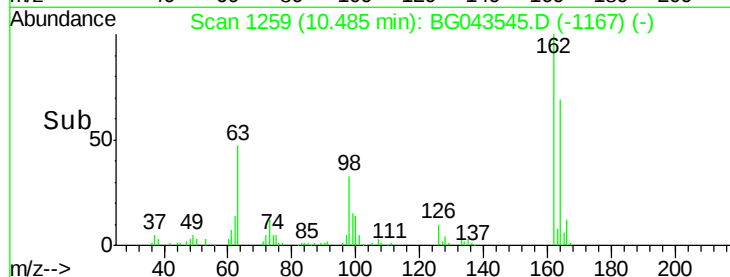
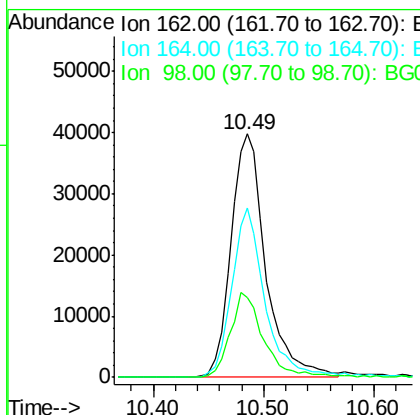
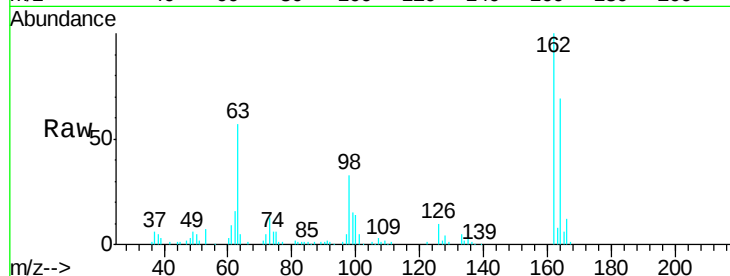




#29
 2,4-Dichlorophenol
 Concen: 45.821 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

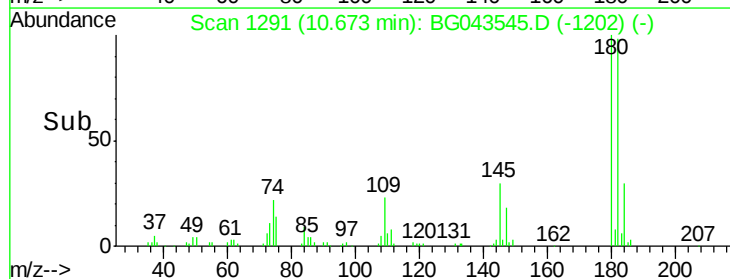
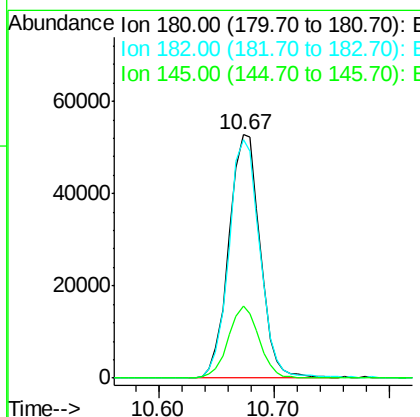
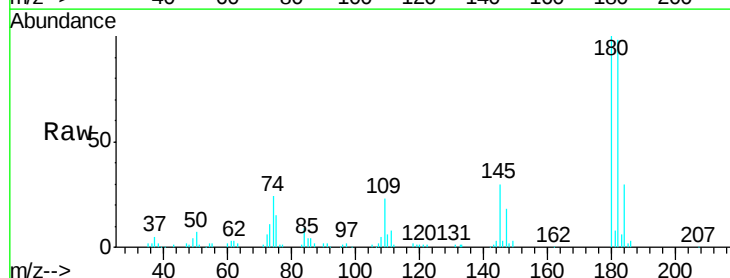
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.4	48.9	88.9
98	32.7	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.110 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.1	112.7
145	29.7	23.9	35.9

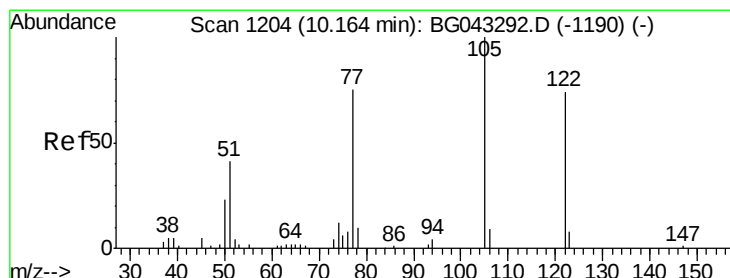
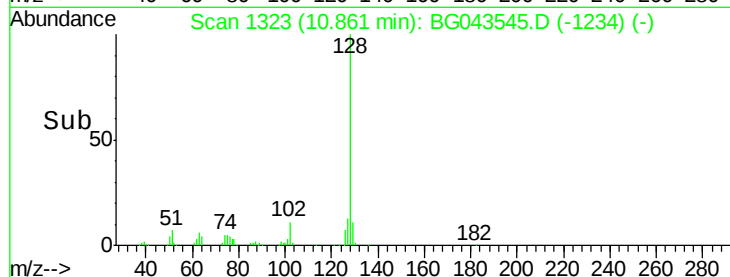
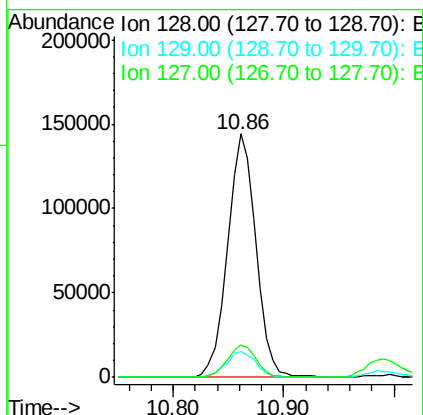
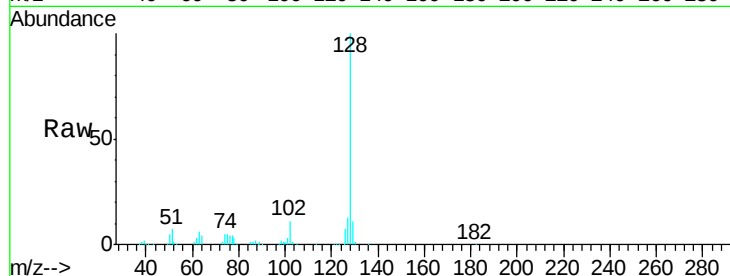




#31
Naphthalene
Concen: 43.743 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

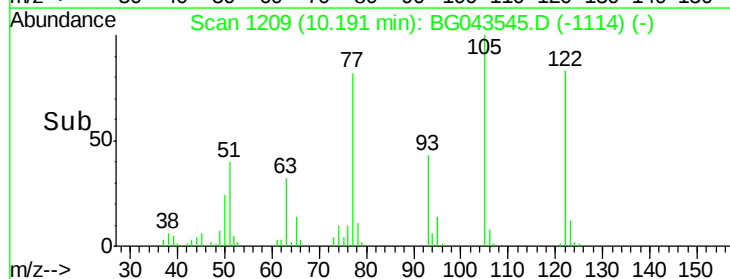
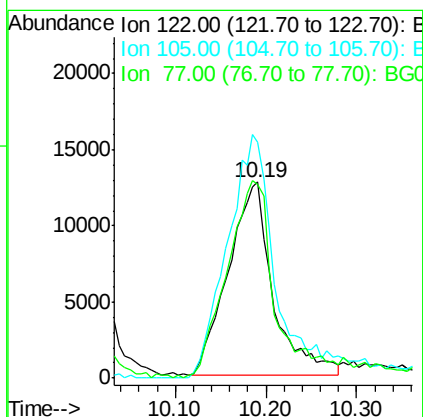
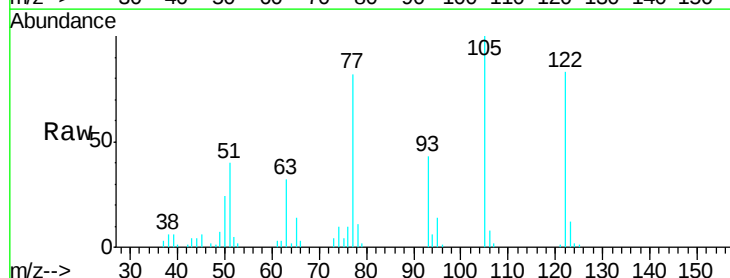
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.0
127	13.1	11.1	16.7



#32
Benzoic acid
Concen: 39.989 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	103.3	143.3
77	99.0	84.9	124.9

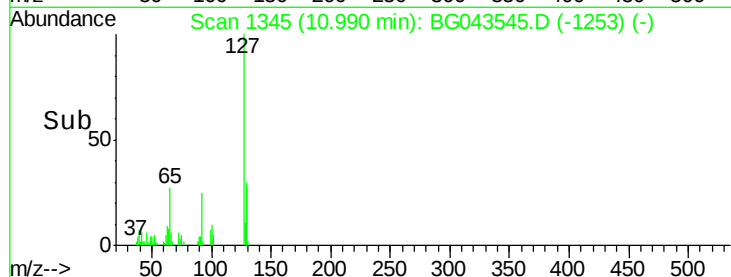
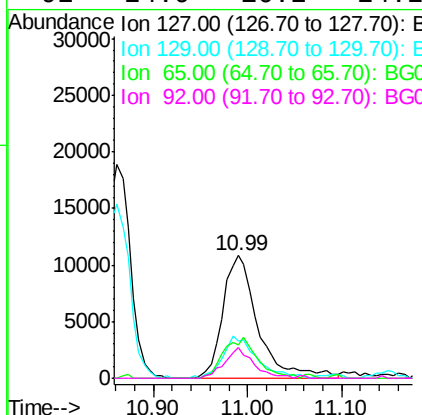
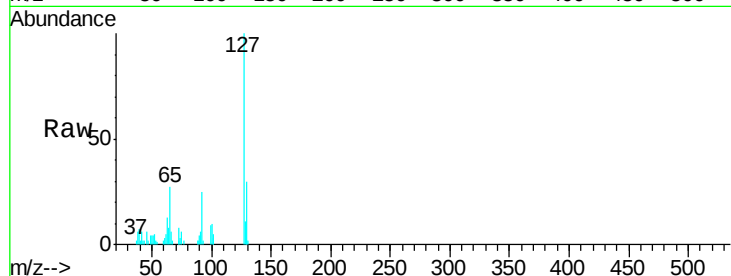




#33
4-Chloroaniline
Concen: 11.552 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

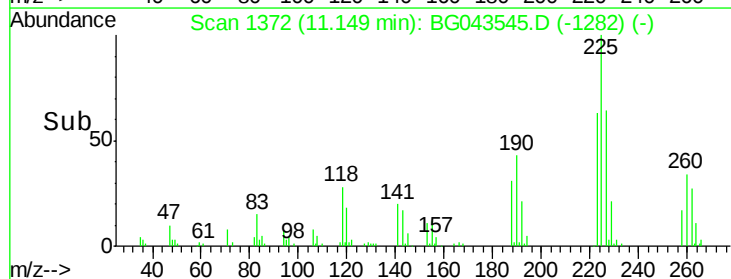
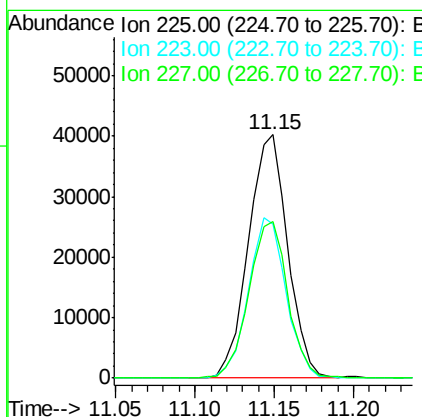
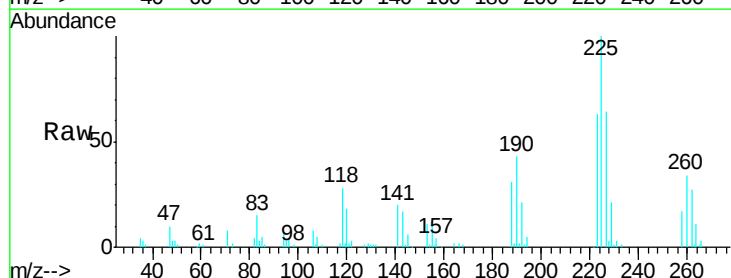
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMSD

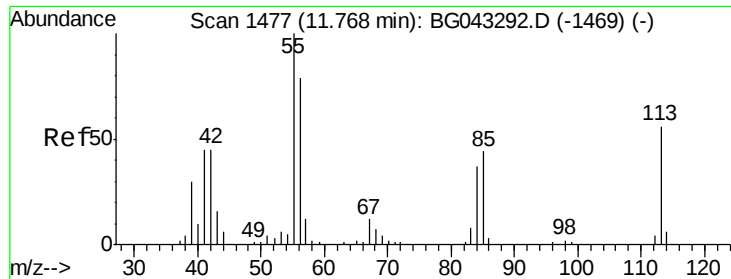
Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.5	39.7
65	27.2	26.4	39.6
92	24.9	16.2	24.2#



#34
Hexachlorobutadiene
Concen: 38.883 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.7	79.1
227	64.2	54.8	82.2





#35

Caprolactam

Concen: 26.263 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

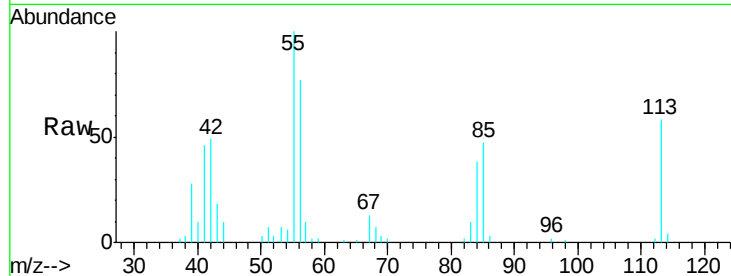
Tgt Ion:113 Resp: 17291

Ion Ratio Lower Upper

113 100

55 171.4 134.1 174.1

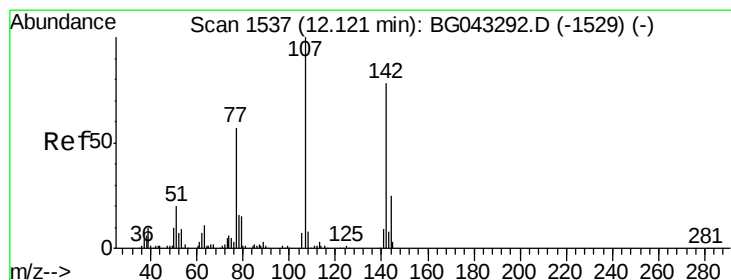
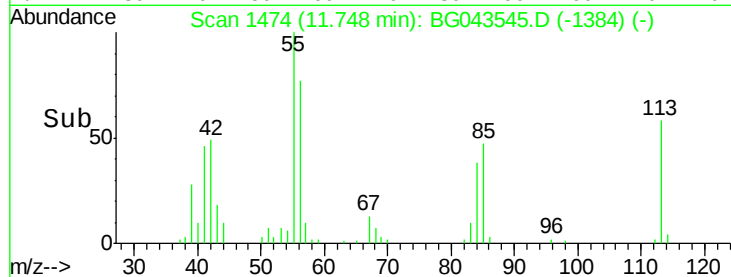
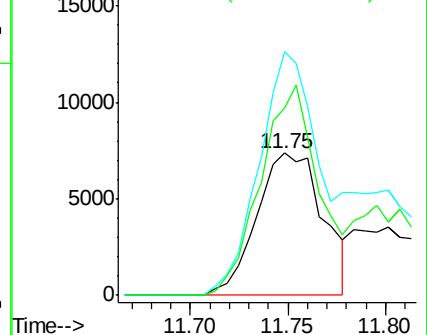
56 131.7 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.086 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.02 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

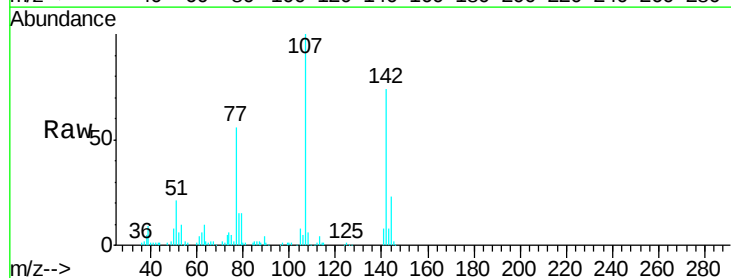
Tgt Ion:107 Resp: 94013

Ion Ratio Lower Upper

107 100

144 23.1 20.9 31.3

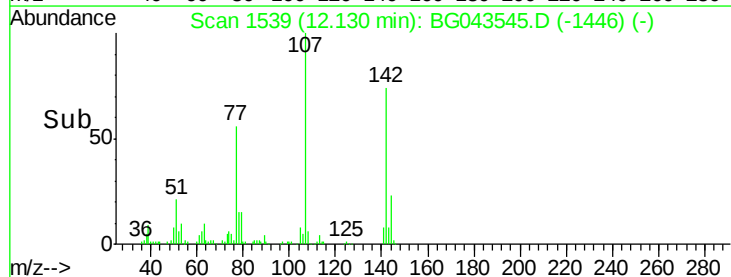
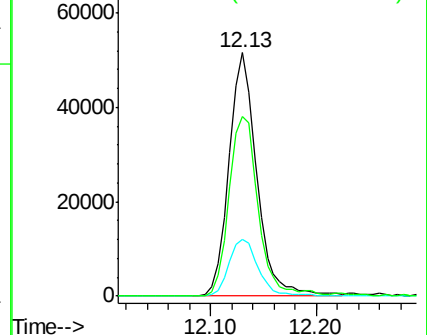
142 73.7 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

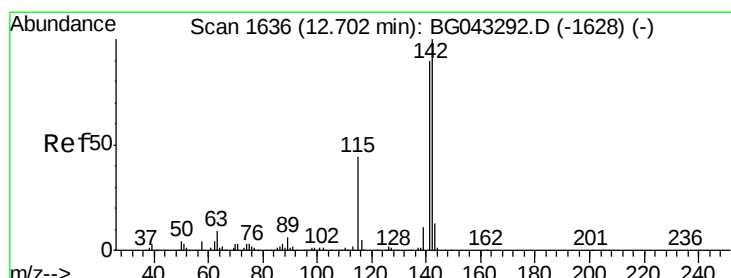
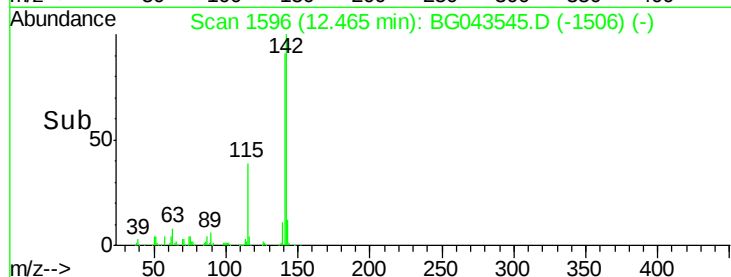
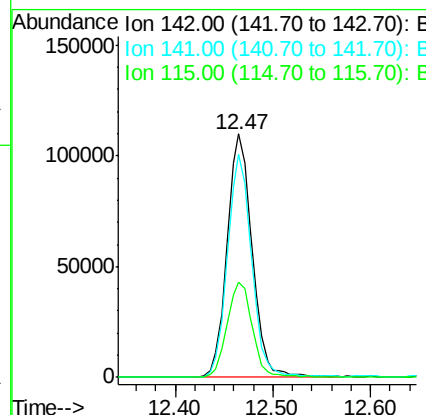
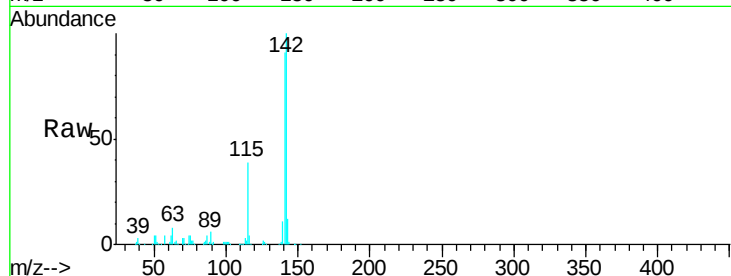




#37
 2-Methylnaphthalene
 Concen: 43.049 ng
 RT: 12.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

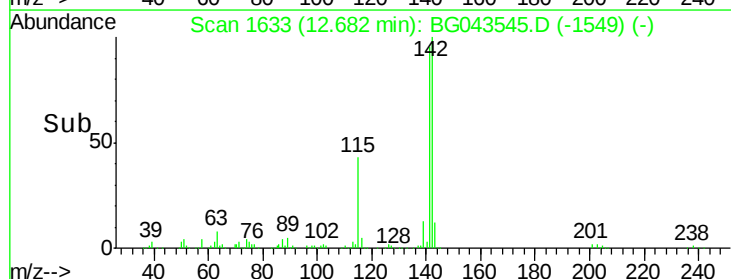
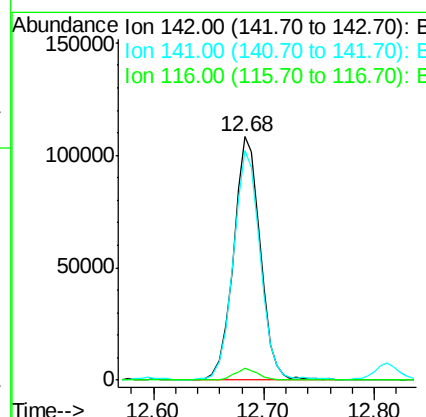
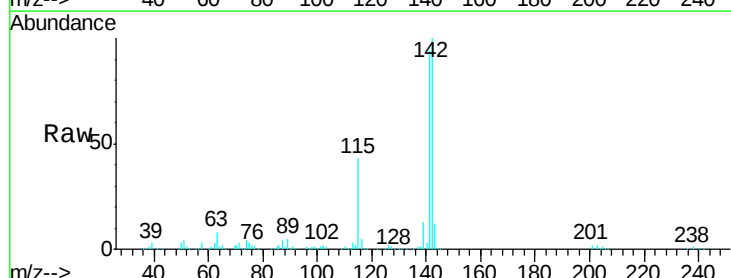
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

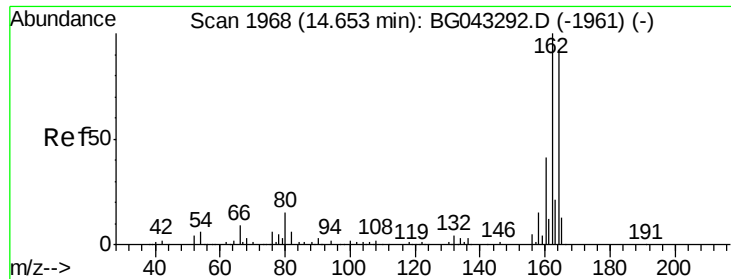
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.2	108.2
115	39.3	33.2	49.8



#38
 1-Methylnaphthalene
 Concen: 42.509 ng
 RT: 12.68 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.2	109.8
116	4.8	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

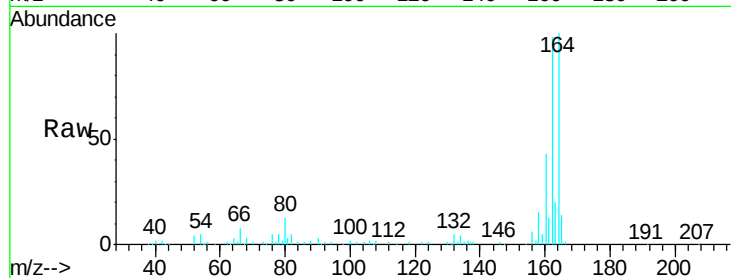
Tgt Ion:164 Resp: 82604

Ion Ratio Lower Upper

164 100

162 98.5 83.5 125.3

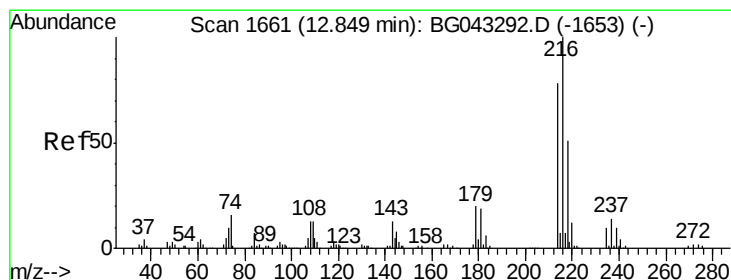
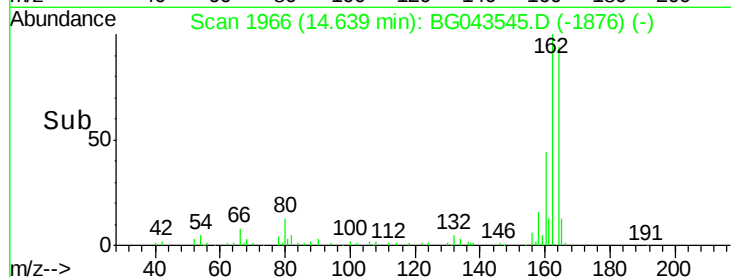
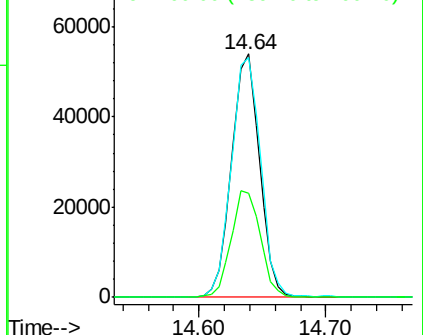
160 42.9 36.5 54.7



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: 40.747 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Tgt Ion:216 Resp: 124567

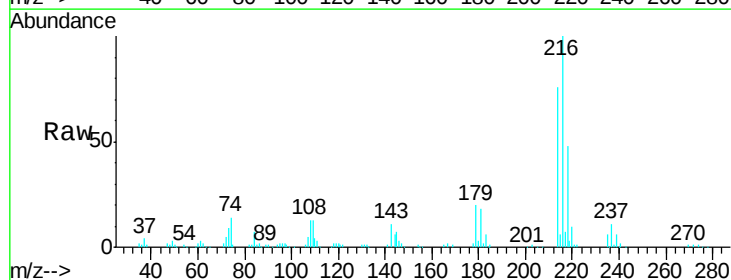
Ion Ratio Lower Upper

216 100

214 78.9 61.7 92.5

179 19.8 15.8 23.8

108 16.4 11.5 17.3

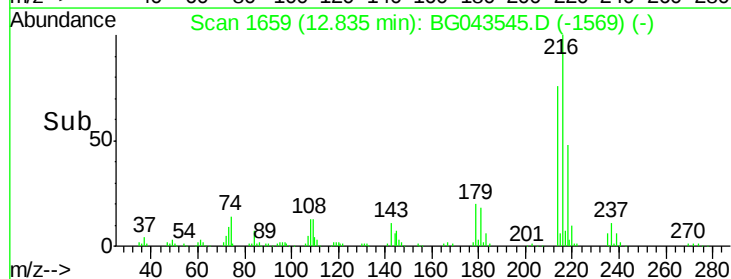
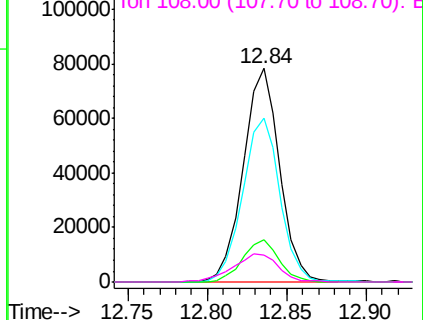


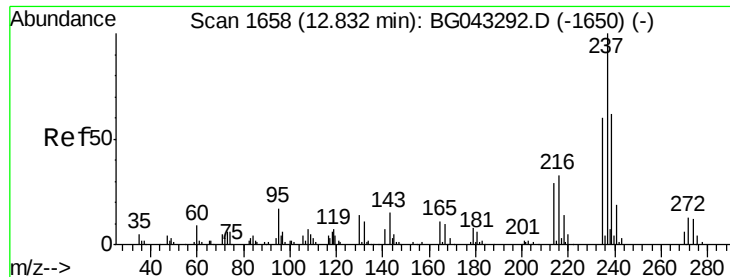
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.149 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

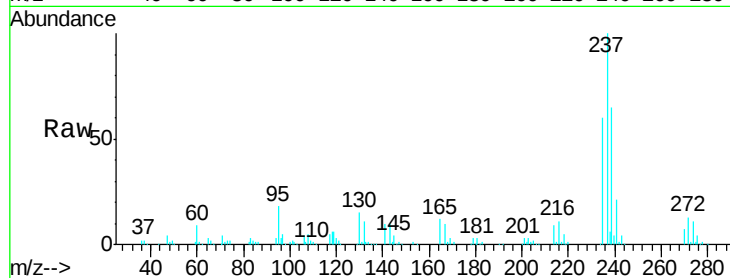
Tgt Ion:237 Resp: 122287

Ion Ratio Lower Upper

237 100

235 60.3 41.6 81.6

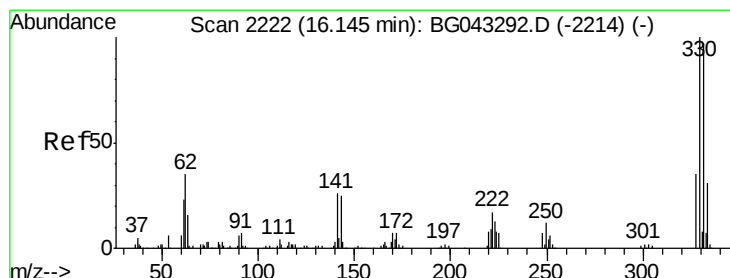
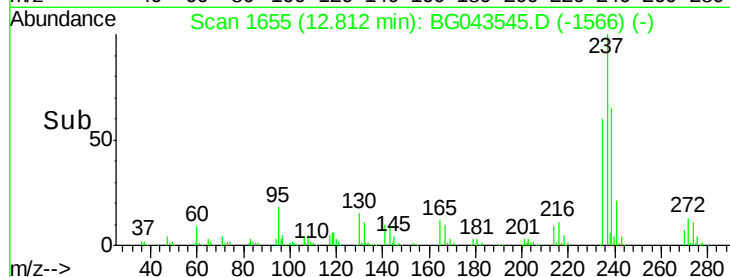
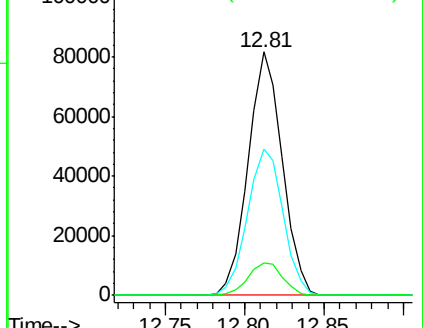
272 13.1 0.0 32.5



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: 109.444 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

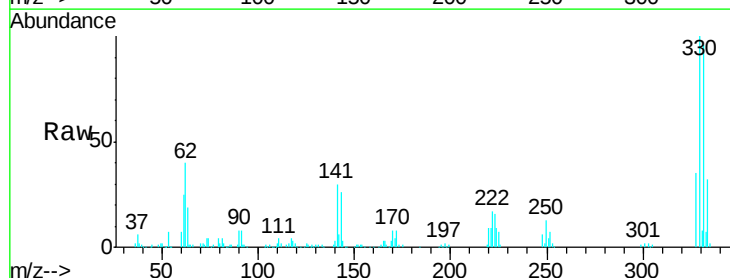
Tgt Ion:330 Resp: 172041

Ion Ratio Lower Upper

330 100

332 98.4 77.4 116.0

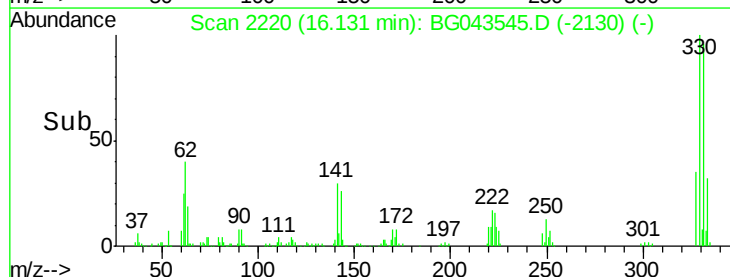
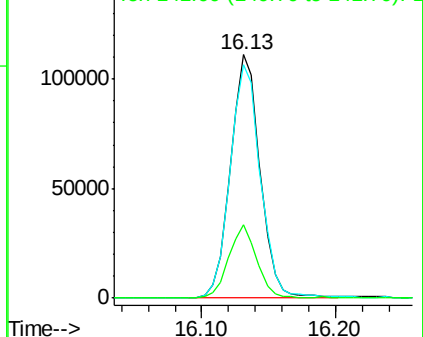
141 28.8 22.8 34.2

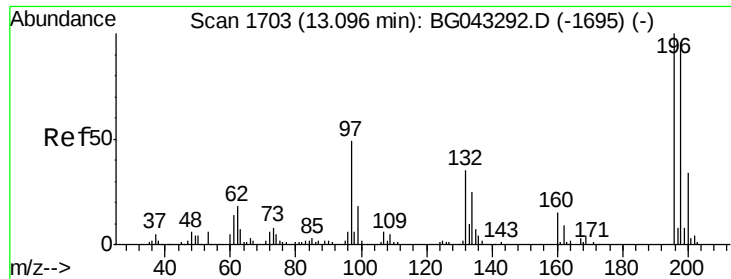


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

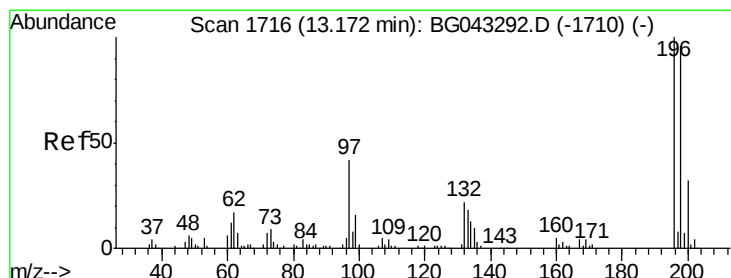
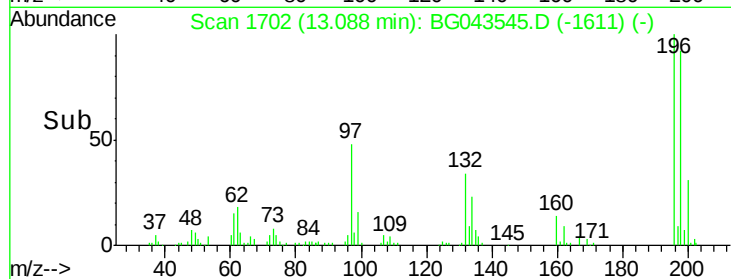
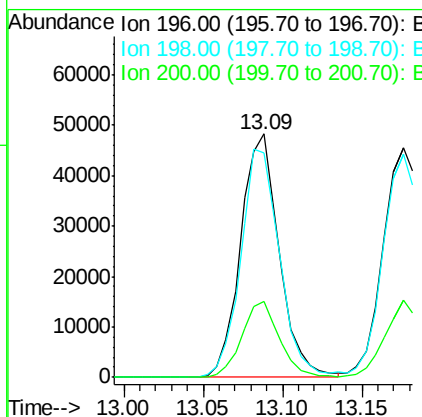
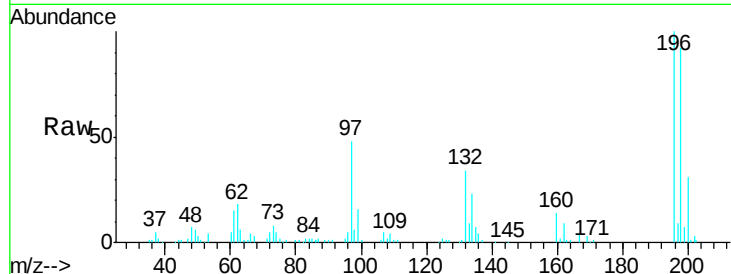




#43
 2,4,6-Trichlorophenol
 Concen: 45.291 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

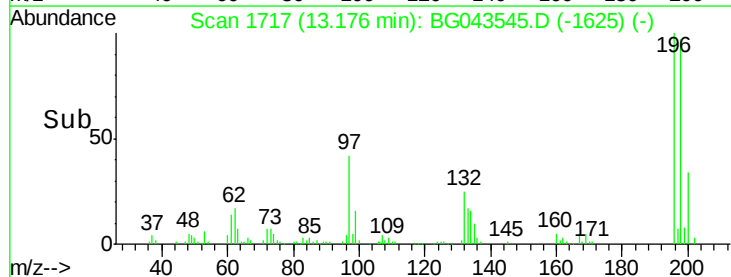
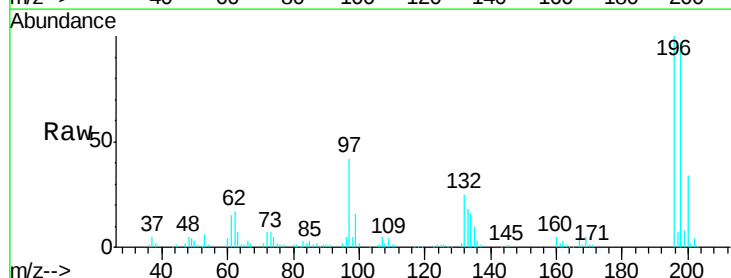
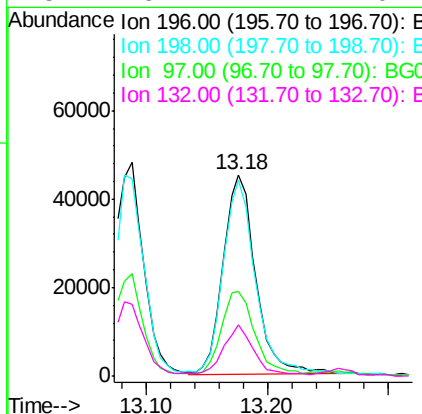
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

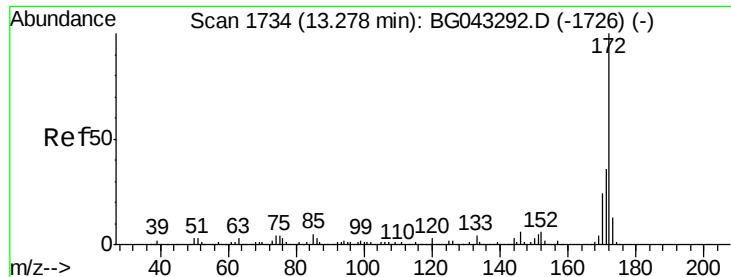
Tgt Ion:196 Resp: 81538
 Ion Ratio Lower Upper
 196 100
 198 92.3 75.8 113.6
 200 31.2 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 46.384 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Tgt Ion:196 Resp: 84423
 Ion Ratio Lower Upper
 196 100
 198 97.3 74.5 111.7
 97 42.2 36.3 54.5
 132 25.4 17.4 26.2

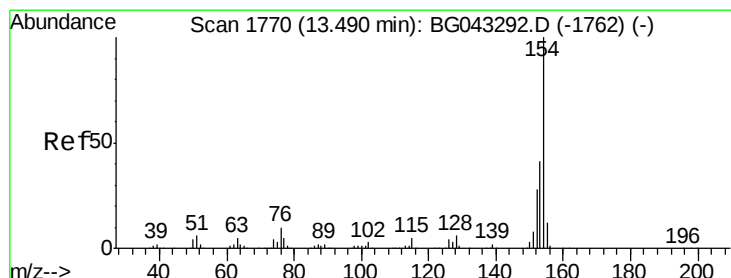
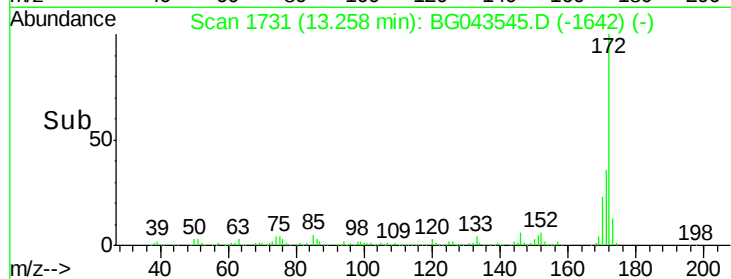
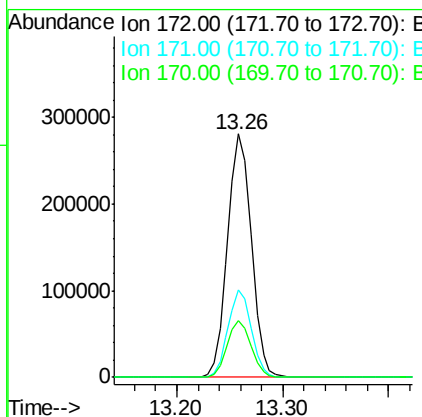
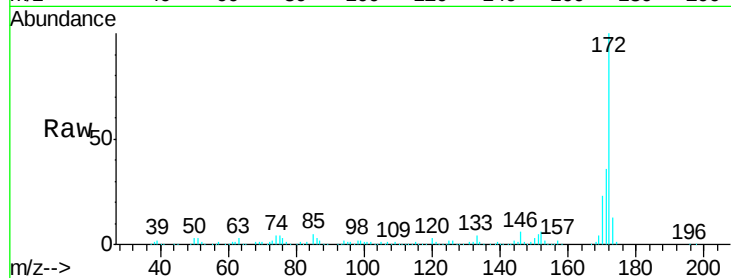




#45
 2-Fluorobiphenyl
 Concen: 73.388 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

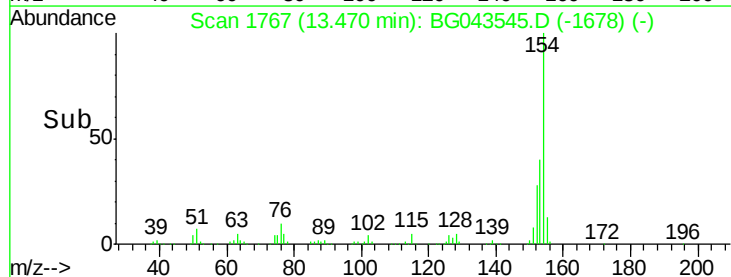
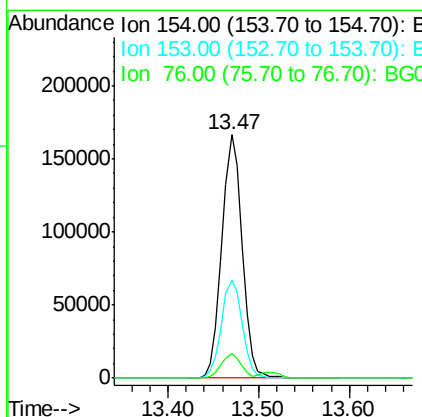
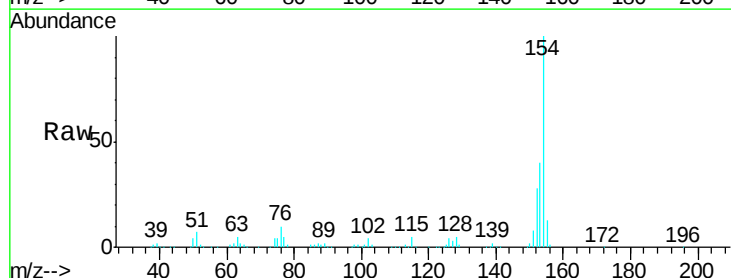
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

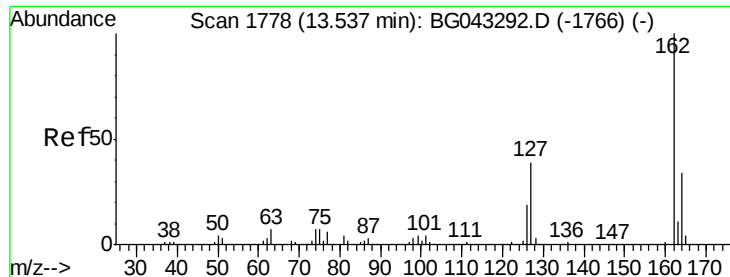
Tgt Ion:172 Resp: 438710
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.2 18.5 27.7



#46
 1,1'-Biphenyl
 Concen: 41.249 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Tgt Ion:154 Resp: 259213
 Ion Ratio Lower Upper
 154 100
 153 40.0 19.9 59.9
 76 10.0 0.0 29.4

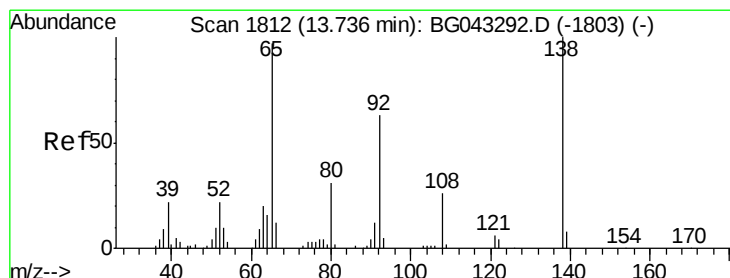
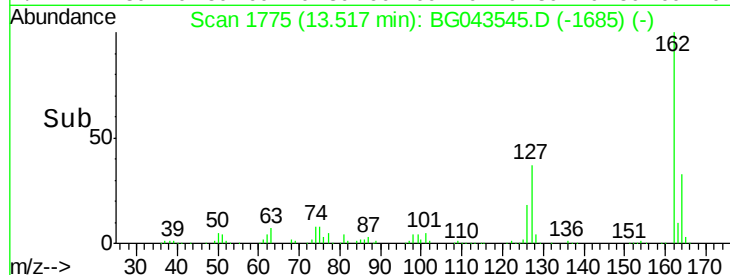
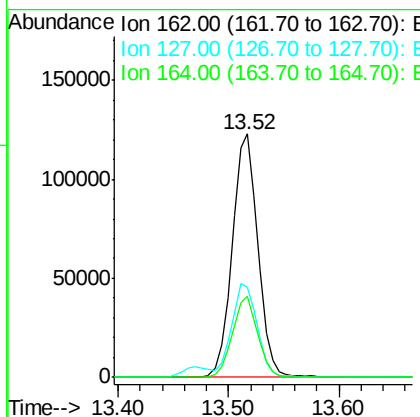
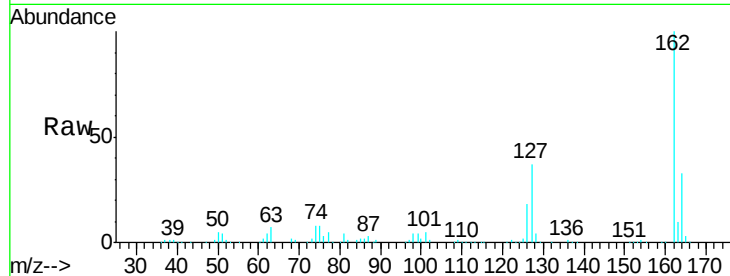




#47
2-Chloronaphthalene
Concen: 41.926 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

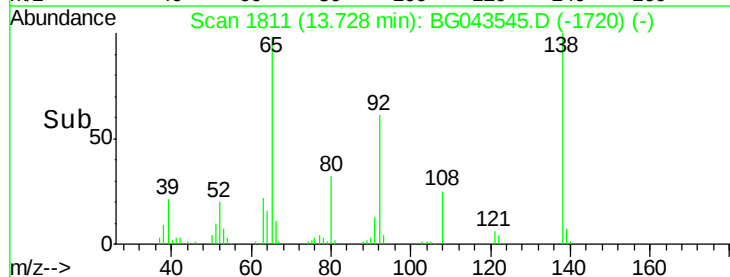
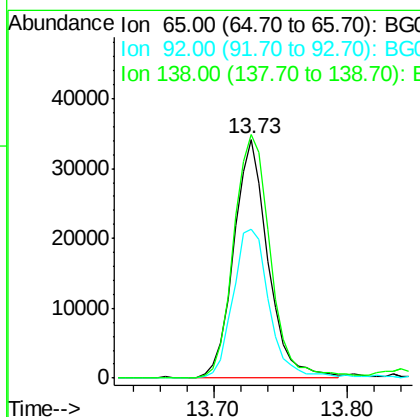
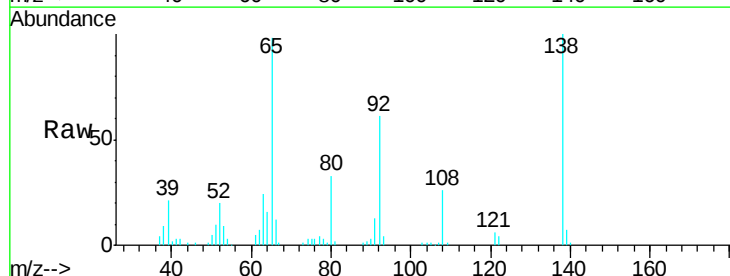
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMSD

Tgt Ion: 162 Resp: 200461
Ion Ratio Lower Upper
162 100
127 37.1 31.2 46.8
164 33.4 25.8 38.8



#48
2-Nitroaniline
Concen: 42.524 ng
RT: 13.73 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Tgt Ion: 65 Resp: 60769
Ion Ratio Lower Upper
65 100
92 62.5 56.2 84.2
138 101.9 82.6 123.8





#49

Acenaphthylene

Concen: 43.725 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

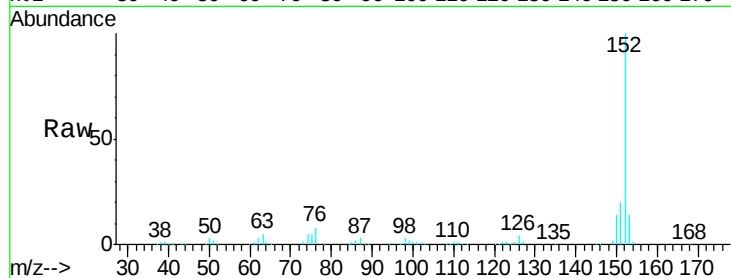
Tgt Ion:152 Resp: 325377

Ion Ratio Lower Upper

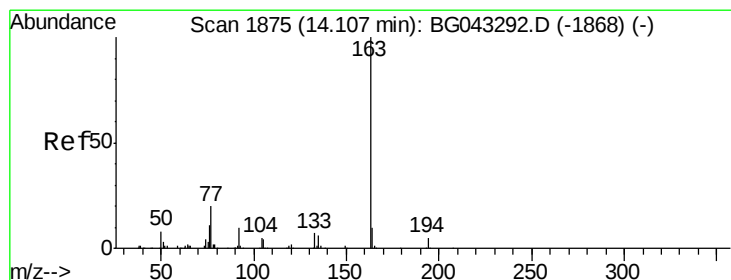
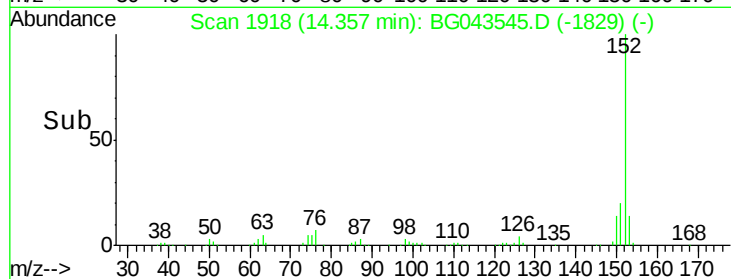
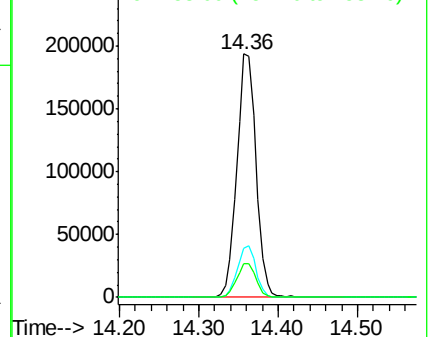
152 100

151 20.1 16.2 24.4

153 13.8 10.6 15.8



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: 48.771 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

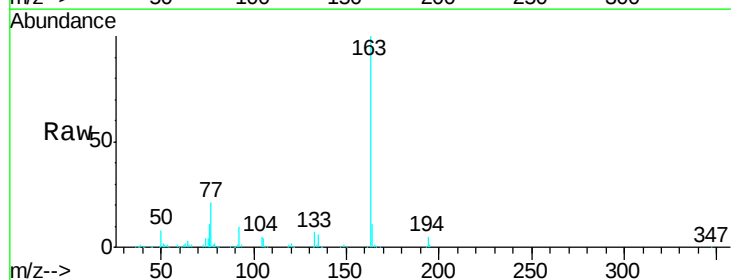
Tgt Ion:163 Resp: 312049

Ion Ratio Lower Upper

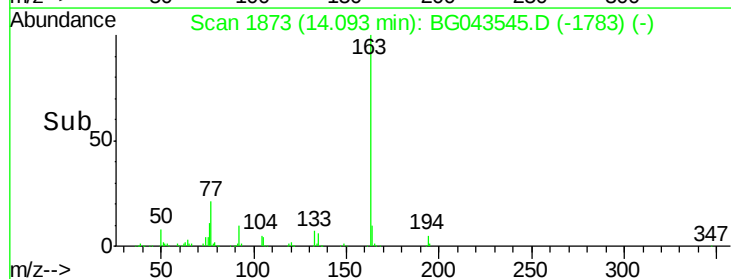
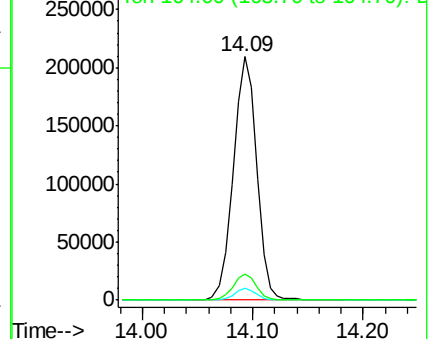
163 100

194 4.9 3.8 5.6

164 10.6 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

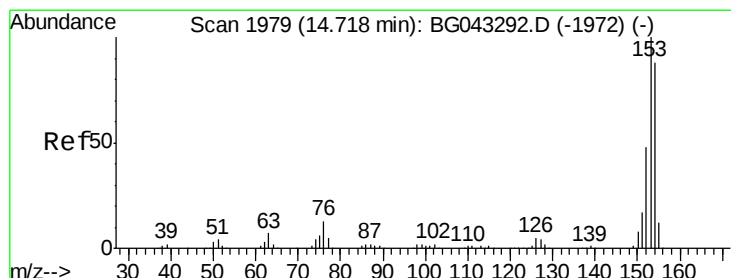
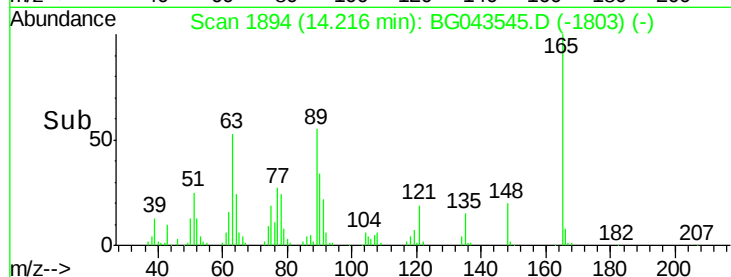
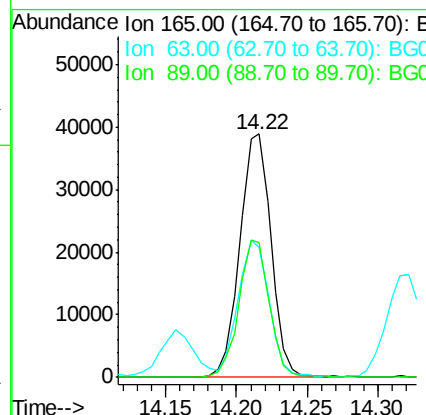
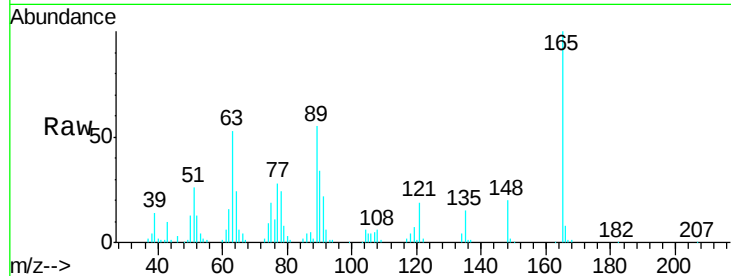




#51
 2,6-Dinitrotoluene
 Concen: 43.231 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

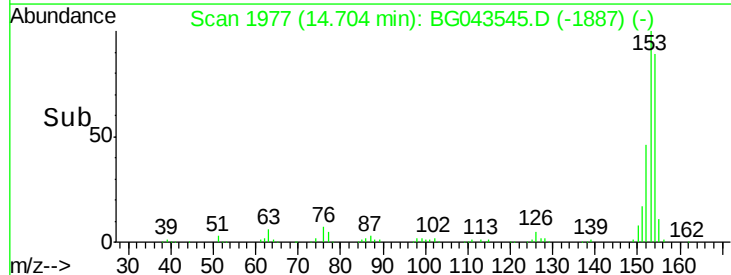
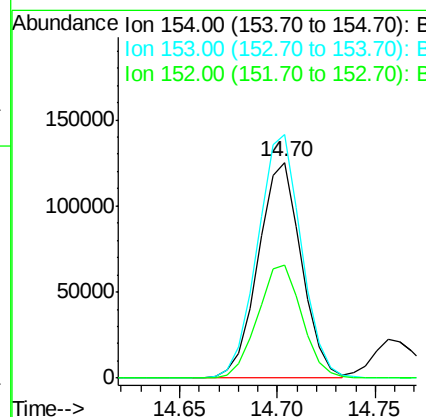
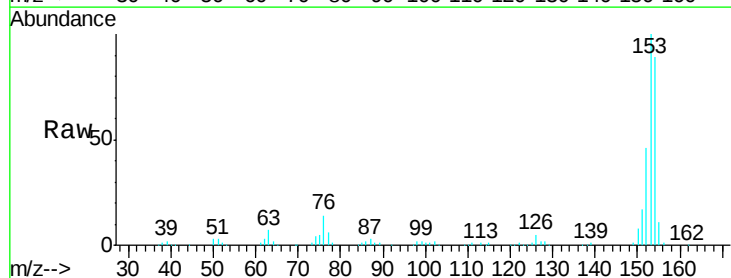
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

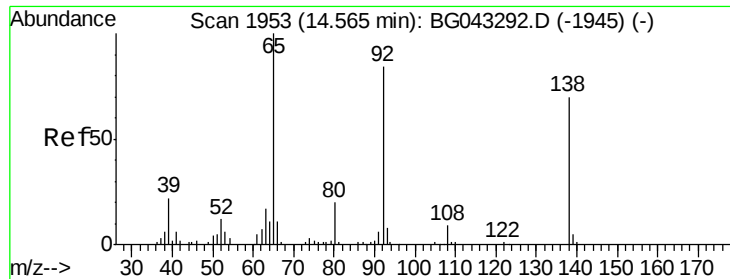
Tgt Ion:165 Resp: 60092
 Ion Ratio Lower Upper
 165 100
 63 53.5 46.6 69.8
 89 55.3 45.1 67.7



#52
 Acenaphthene
 Concen: 42.362 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Tgt Ion:154 Resp: 192243
 Ion Ratio Lower Upper
 154 100
 153 113.0 88.2 132.2
 152 52.4 40.0 60.0

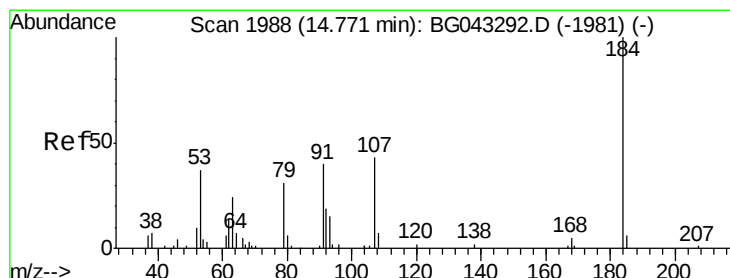
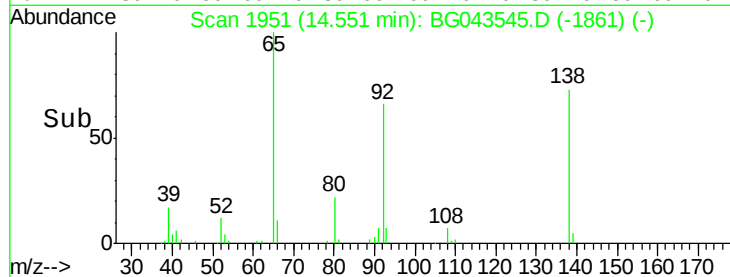
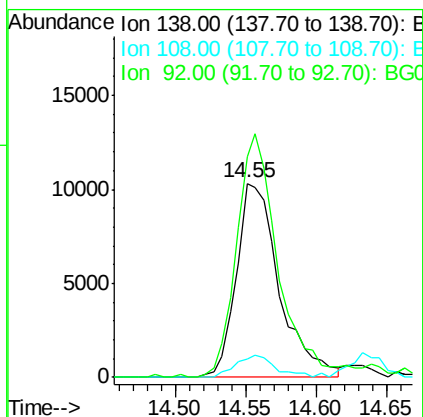
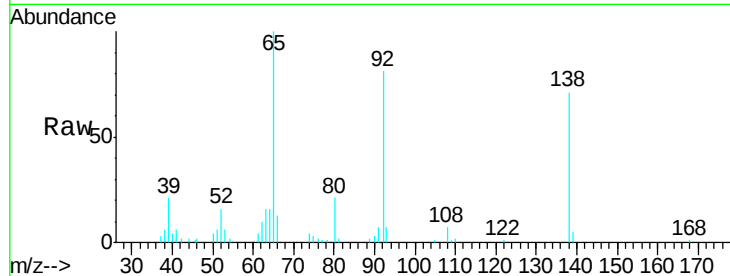




#53
3-Nitroaniline
Concen: 16.365 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

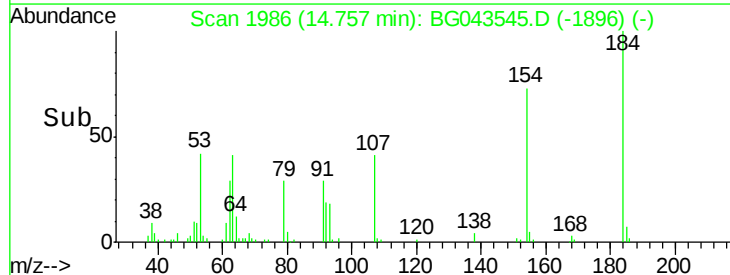
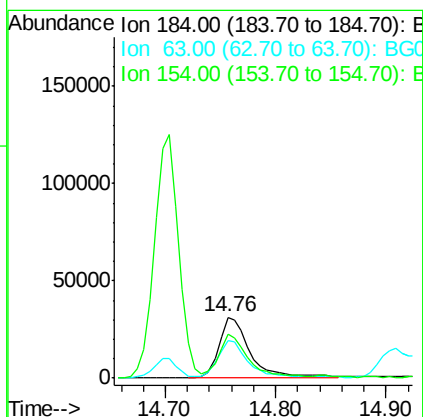
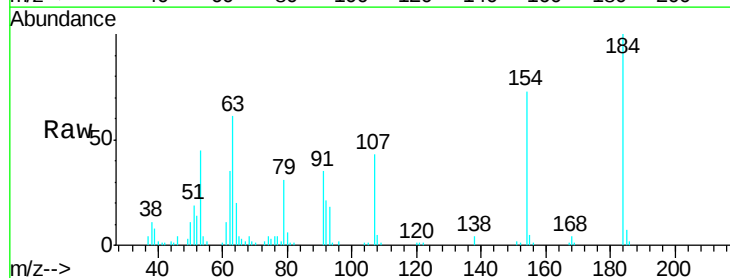
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMSD

Tgt Ion:138 Resp: 21962
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 114.0 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 72.157 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Tgt Ion:184 Resp: 61950
Ion Ratio Lower Upper
184 100
63 60.6 51.3 76.9
154 72.7 55.4 83.0

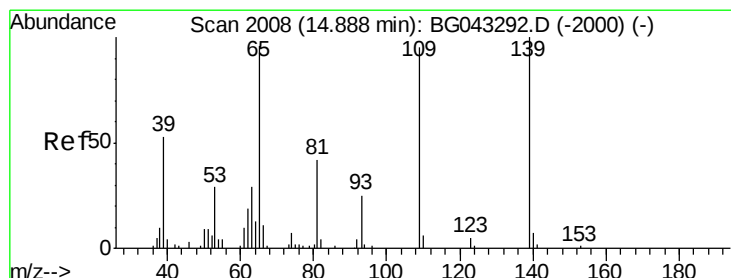
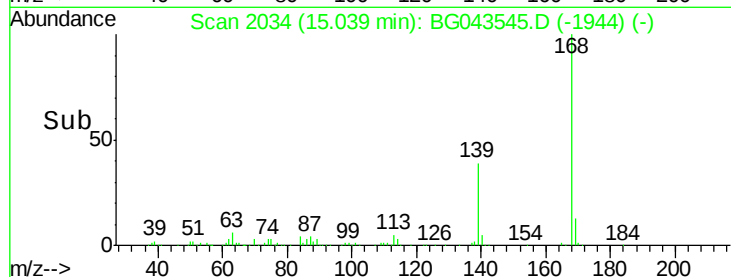
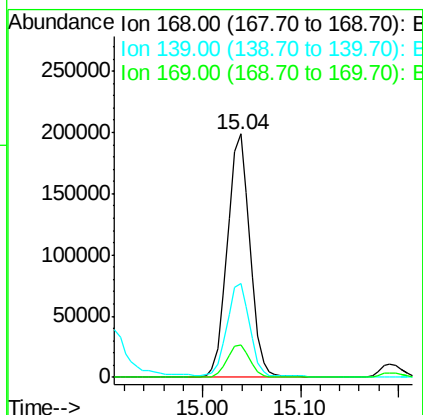
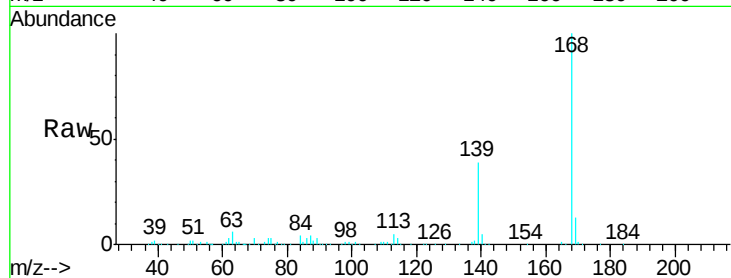




#55
Dibenzofuran
Concen: 43.295 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

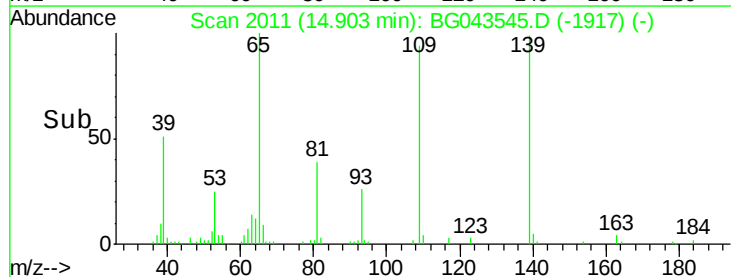
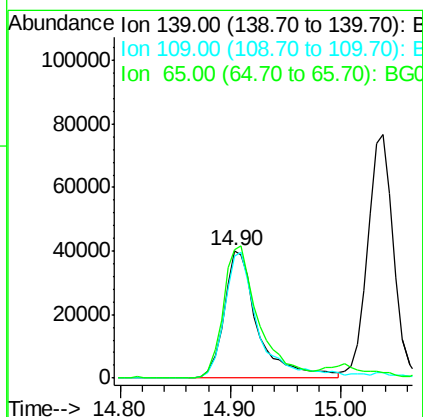
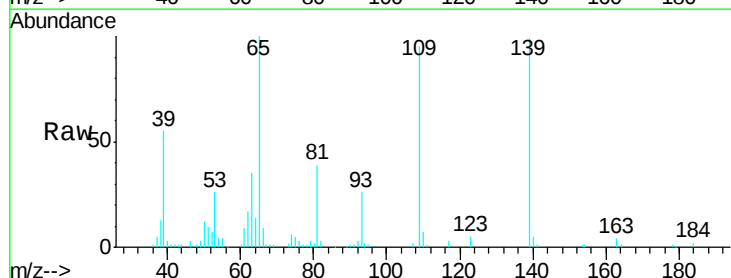
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMSD

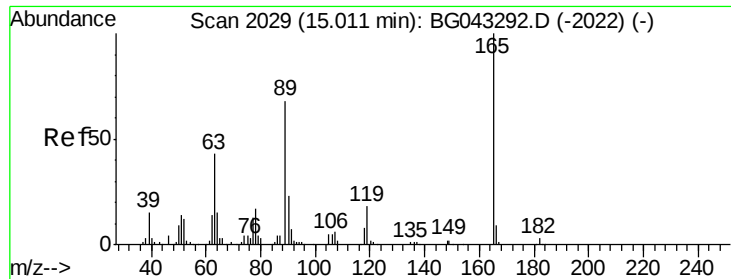
Tgt Ion:168 Resp: 318620
Ion Ratio Lower Upper
168 100
139 38.6 31.0 46.6
169 13.4 11.7 17.5



#56
4-Nitrophenol
Concen: 95.305 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Tgt Ion:139 Resp: 85711
Ion Ratio Lower Upper
139 100
109 95.2 87.2 127.2
65 100.7 83.8 123.8

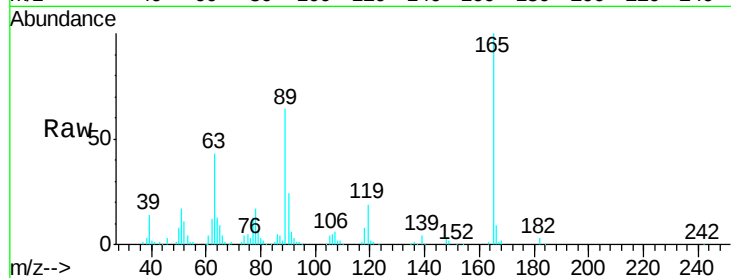




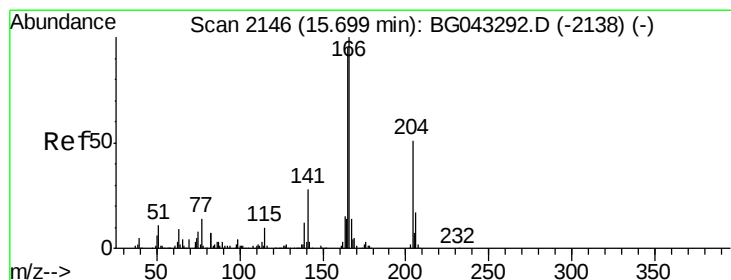
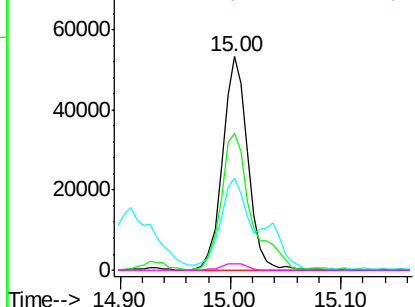
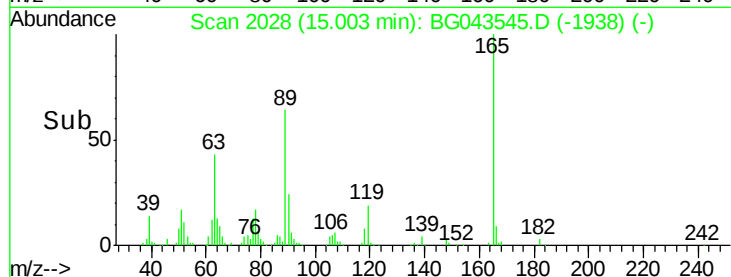
#57
 2,4-Dinitrotoluene
 Concen: 42.853 ng
 RT: 15.00 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

Tgt Ion:165 Resp: 85127
 Ion Ratio Lower Upper
 165 100
 63 42.9 33.2 49.8
 89 64.0 52.2 78.4
 182 3.1 2.0 3.0#

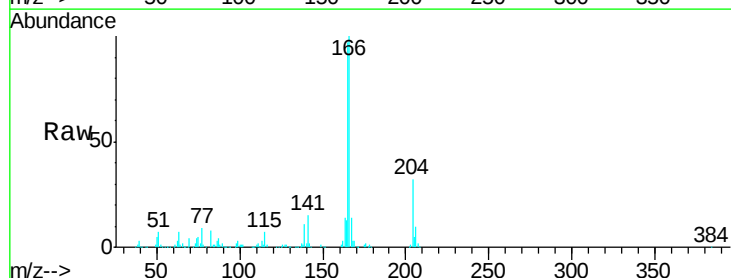


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

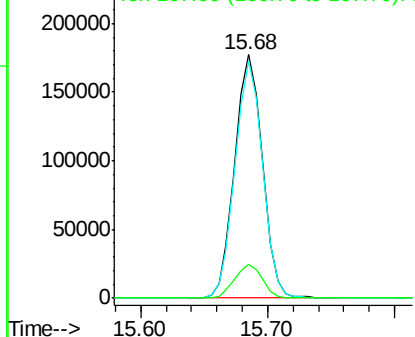
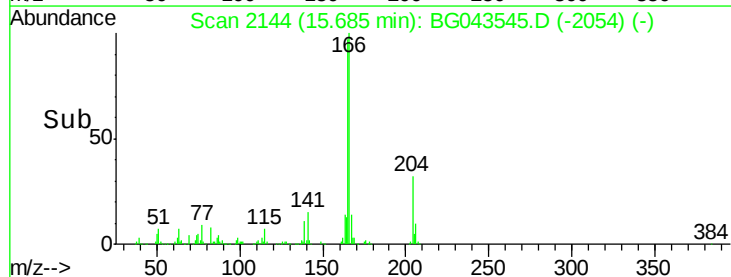


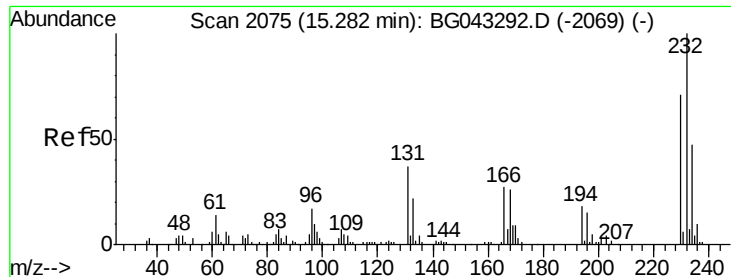
#58
 Fluorene
 Concen: 43.507 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Tgt Ion:166 Resp: 268537
 Ion Ratio Lower Upper
 166 100
 165 97.4 79.0 118.6
 167 13.8 10.5 15.7



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

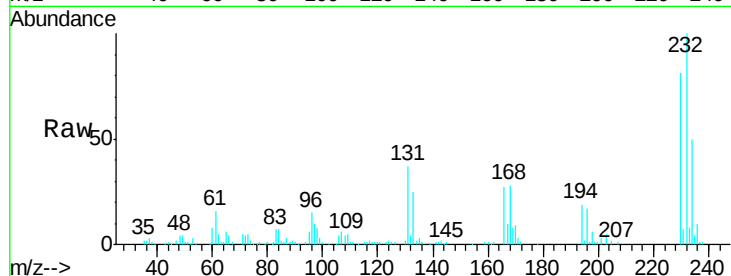




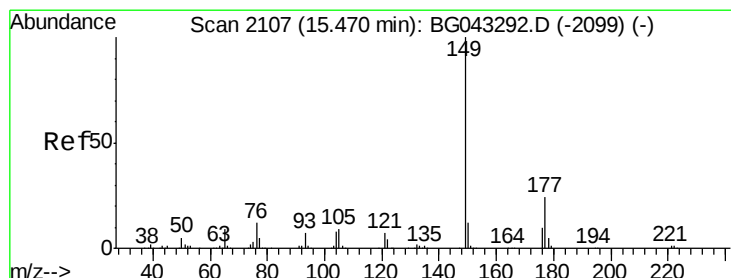
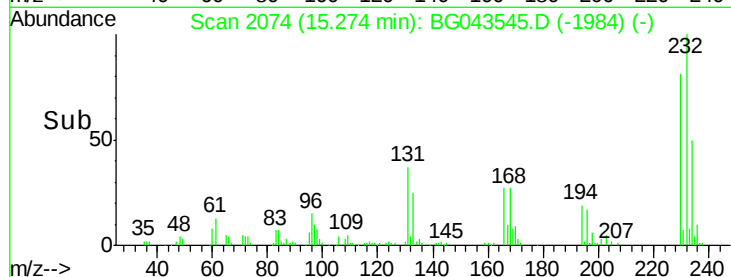
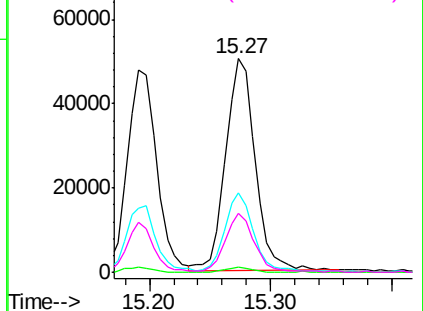
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.338 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

Tgt Ion:	232	Resp:	85740
Ion	Ratio	Lower	Upper
232	100		
131	36.9	26.9	40.3
130	2.1	1.8	2.6
166	26.5	20.9	31.3

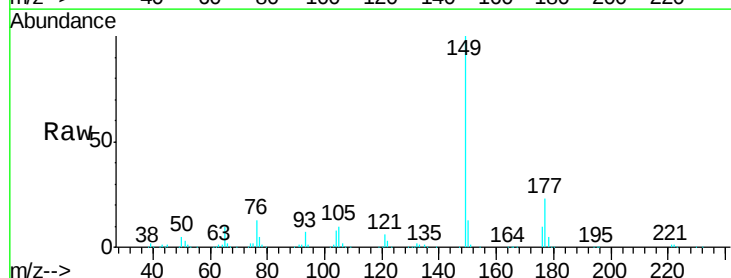


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

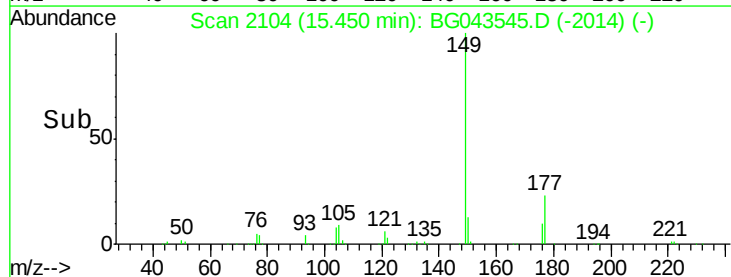
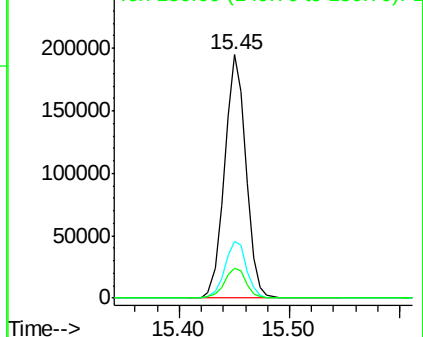


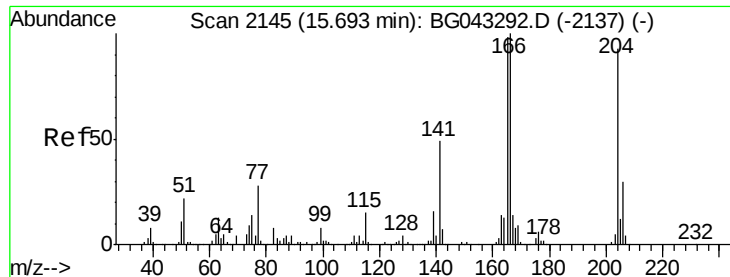
#60
 Diethylphthalate
 Concen: 41.046 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Tgt Ion:	149	Resp:	263881
Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.6	29.4
150	12.5	10.8	16.2



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

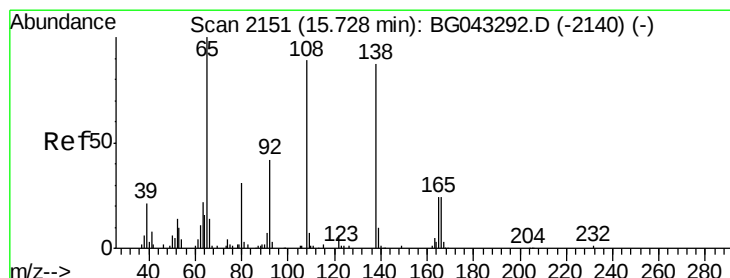
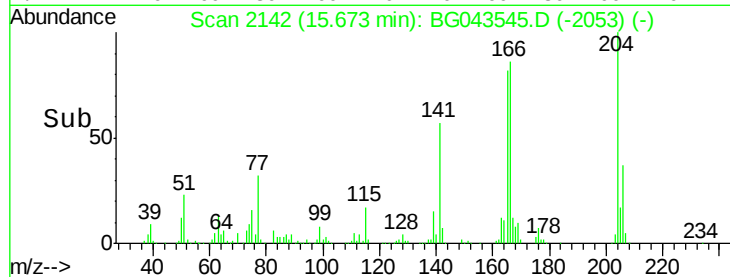
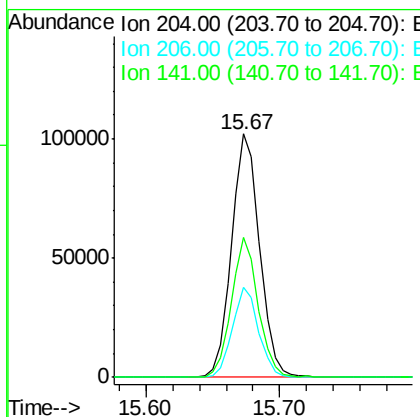
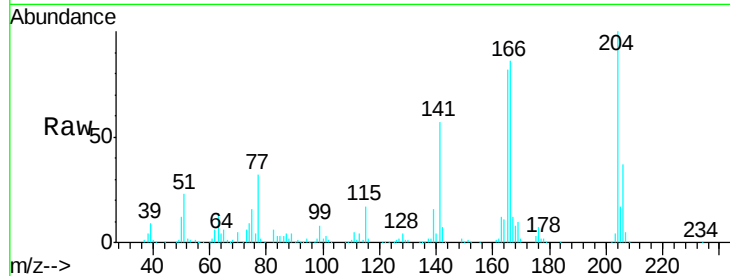




#61
 4-Chlorophenyl-phenylether
 Concen: 41.646 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

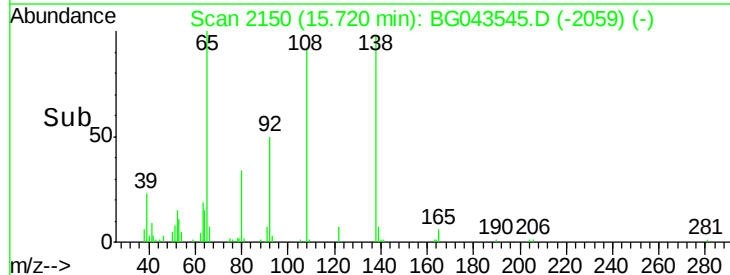
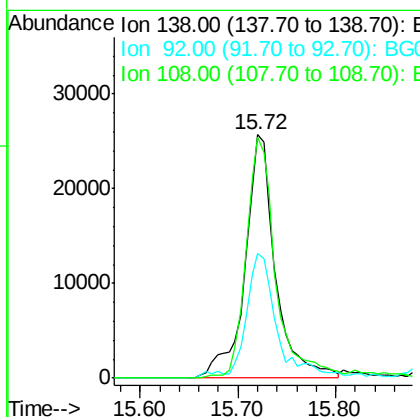
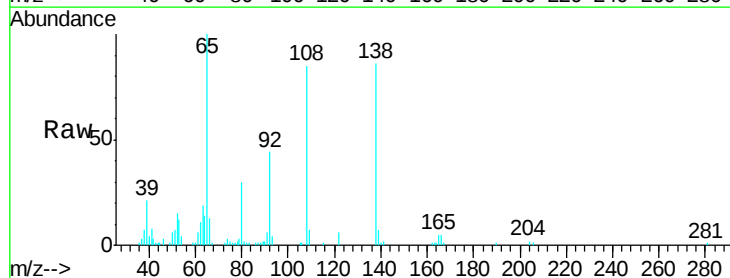
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

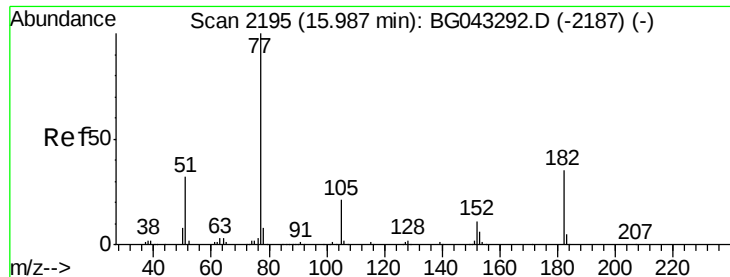
Tgt Ion:204 Resp: 149959
 Ion Ratio Lower Upper
 204 100
 206 37.1 28.4 42.6
 141 57.3 43.0 64.6



#62
 4-Nitroaniline
 Concen: 40.396 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Tgt Ion:138 Resp: 55988
 Ion Ratio Lower Upper
 138 100
 92 51.3 33.4 73.4
 108 98.8 78.0 118.0





#63

Azobenzene

Concen: 42.981 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

Tgt Ion: 77 Resp: 223630

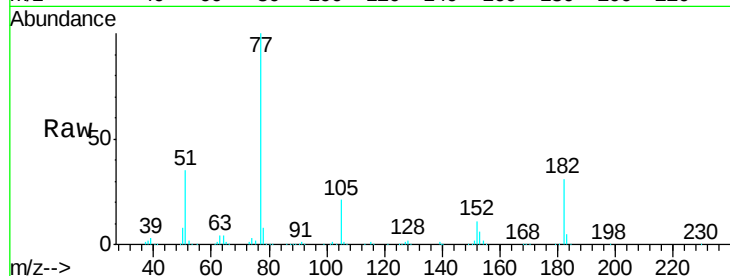
Ion Ratio Lower Upper

77 100

182 31.1 13.7 53.7

105 21.0 0.4 40.4

51 34.7 11.0 51.0

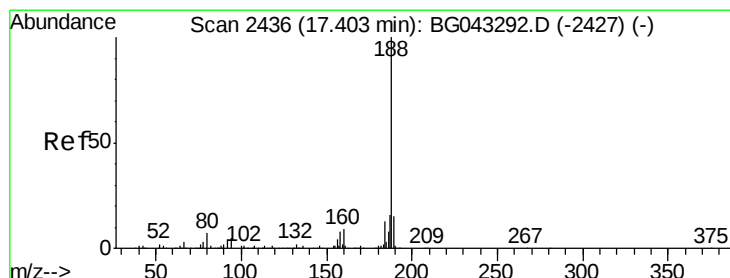
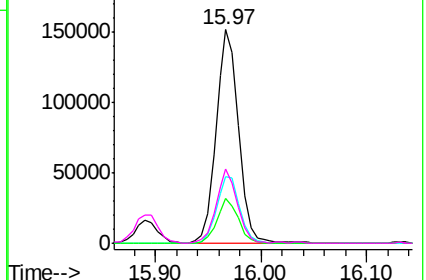
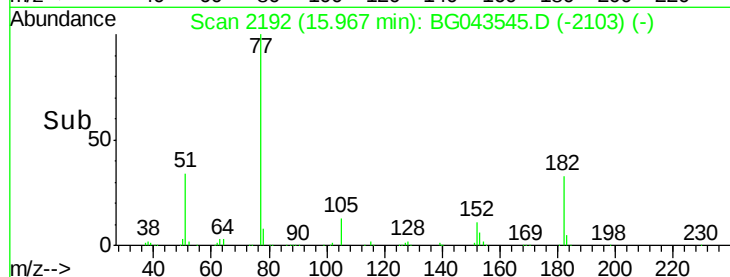


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

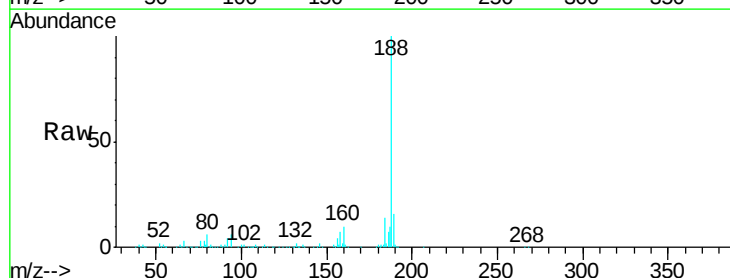
Tgt Ion: 188 Resp: 196047

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.4

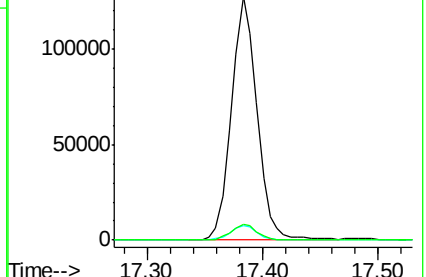
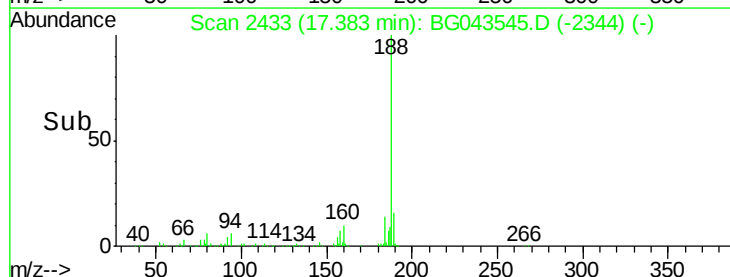
80 6.3 4.5 6.7

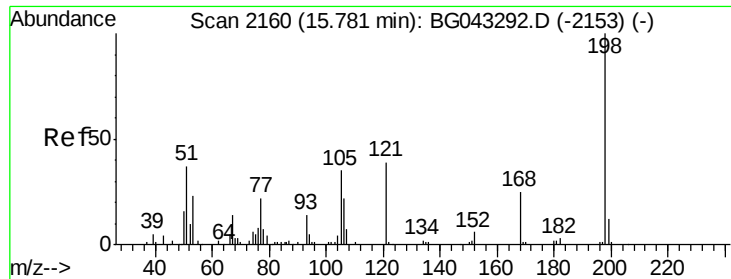


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 45.025 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

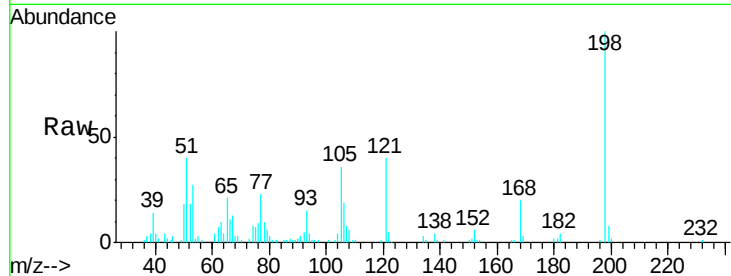
Tgt Ion:198 Resp: 51947

Ion Ratio Lower Upper

198 100

51 39.7 13.2 53.2

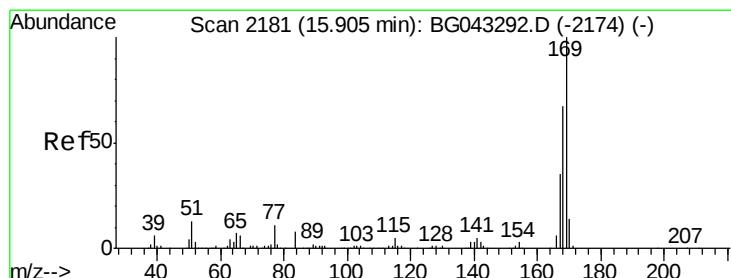
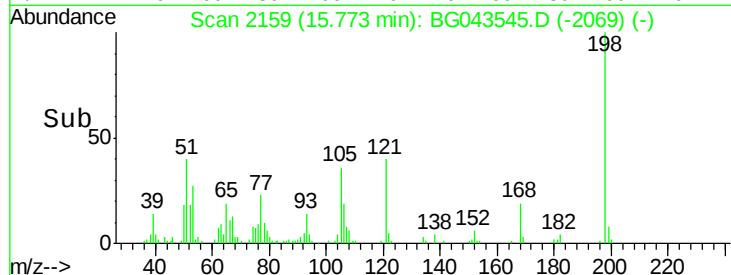
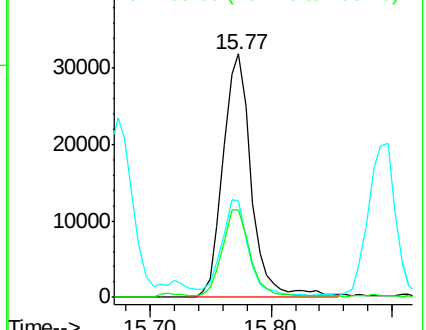
105 35.8 15.8 55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.766 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

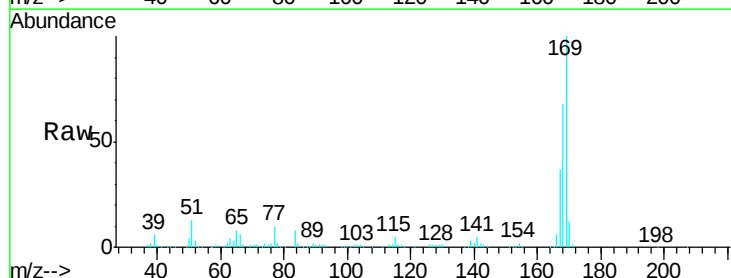
Tgt Ion:169 Resp: 236707

Ion Ratio Lower Upper

169 100

168 67.9 53.8 80.6

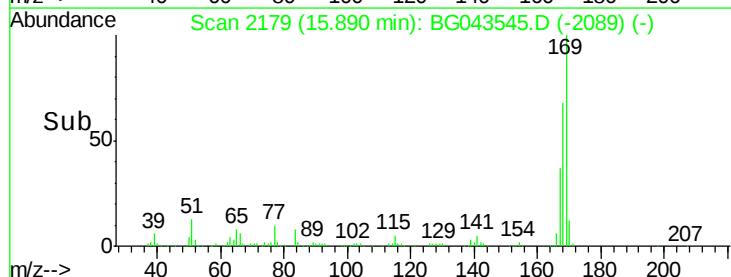
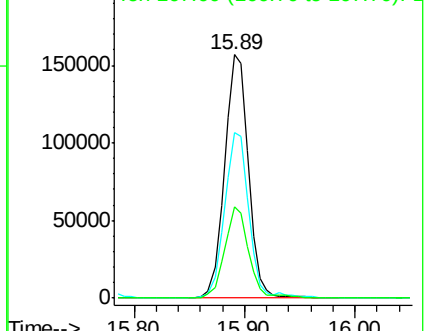
167 37.4 27.5 41.3



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

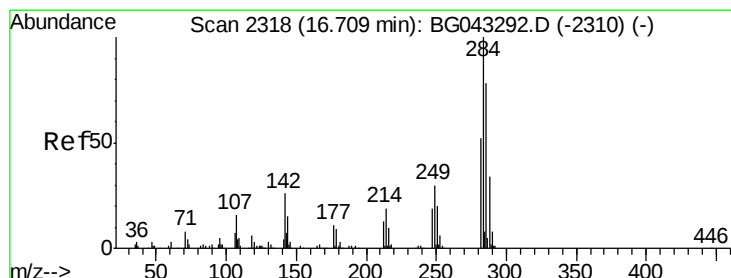
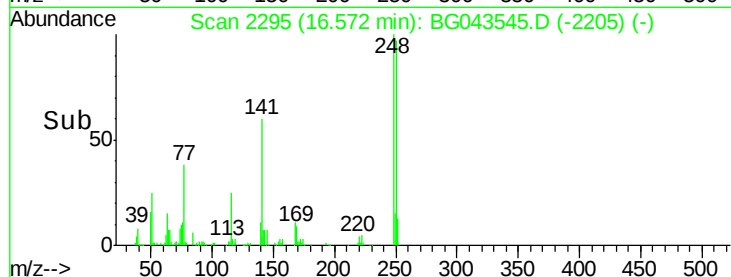
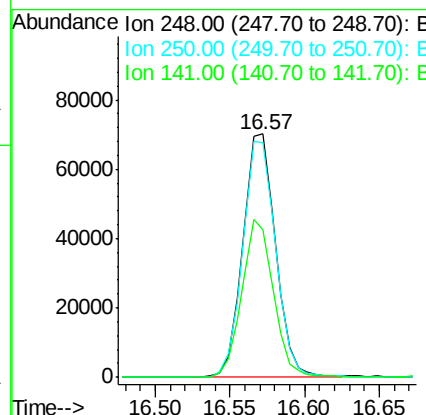
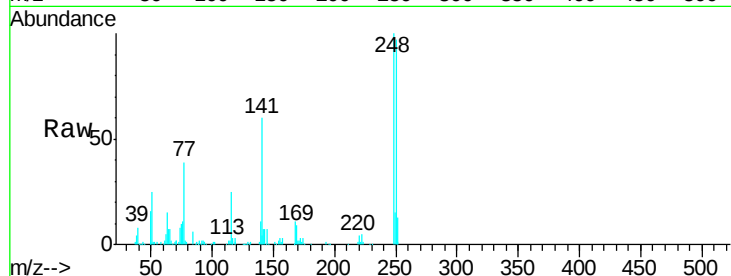




#67
4-Bromophenyl-phenylether
Concen: 40.429 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

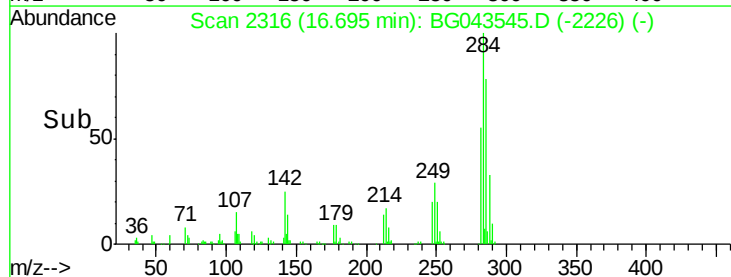
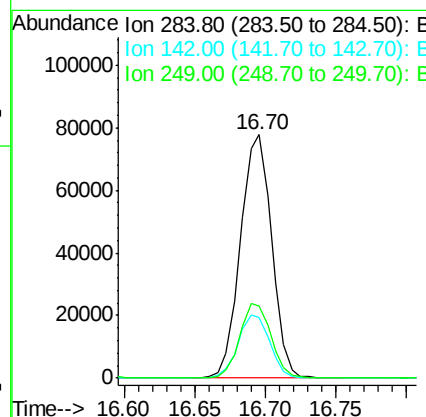
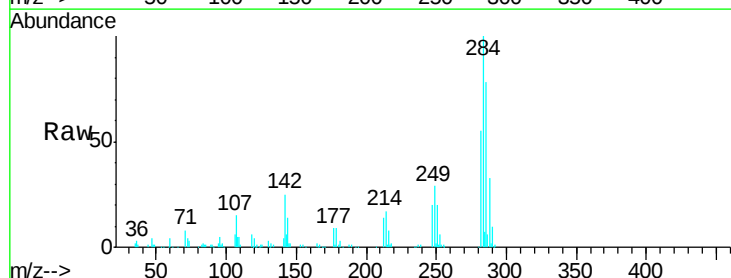
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMSD

Tgt Ion:248 Resp: 106665
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.4
141 60.5 47.5 71.3



#68
Hexachlorobenzene
Concen: 39.726 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Tgt Ion:284 Resp: 120311
Ion Ratio Lower Upper
284 100
142 25.0 19.8 29.8
249 29.4 23.8 35.6

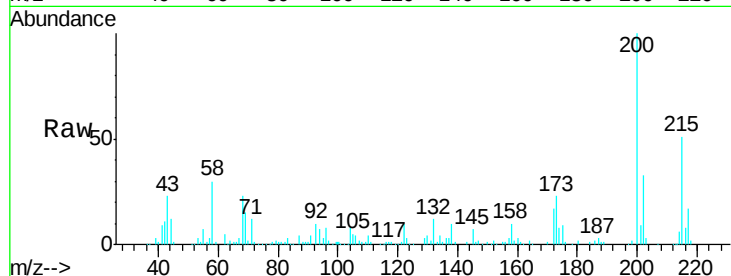




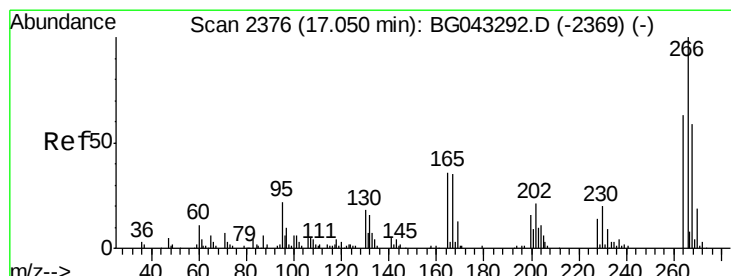
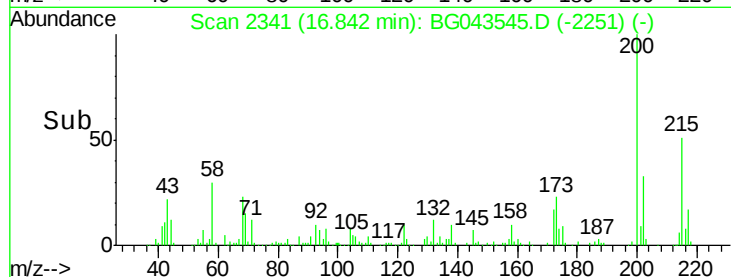
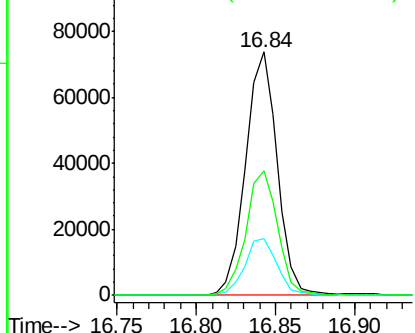
#69
 Atrazine
 Concen: 53.213 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-DMSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	4.7	44.7
215	51.4	28.5	68.5

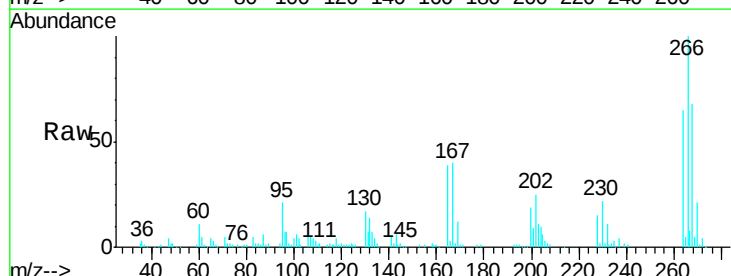


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

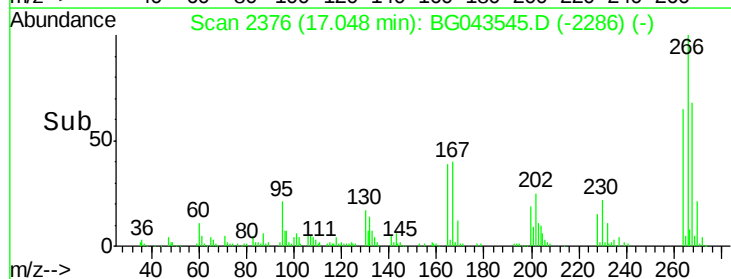
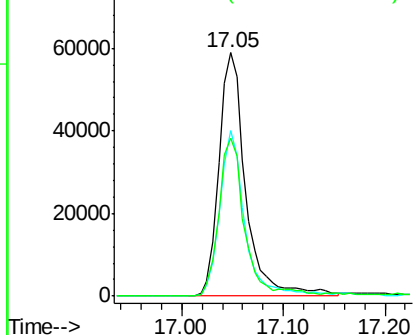


#70
 Pentachlorophenol
 Concen: 78.325 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043545.D
 Acq: 7 Nov 2019 18:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.8	50.4	75.6
264	64.8	48.9	73.3



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: 42.480 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

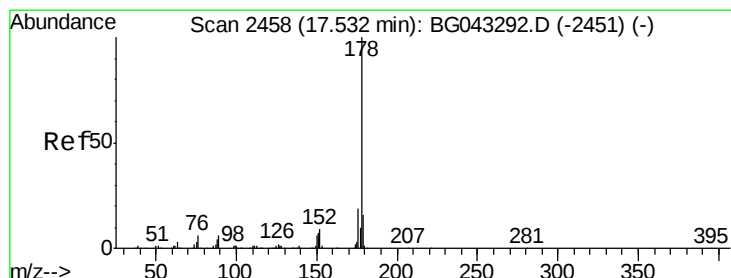
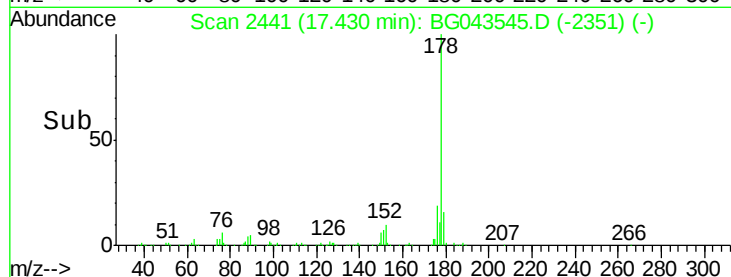
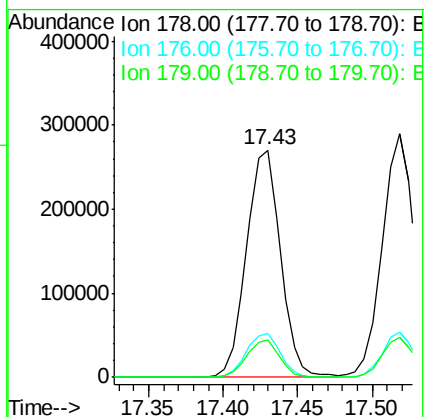
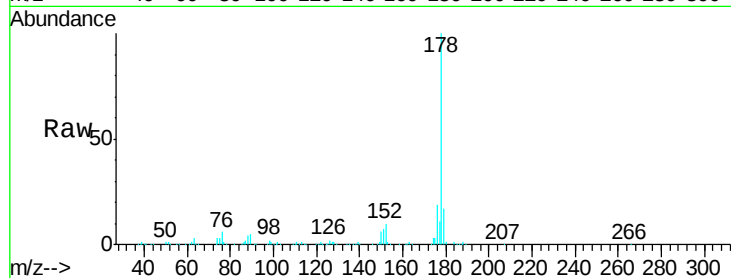
Tgt Ion:178 Resp: 426463

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 16.6 13.0 19.6



#72

Anthracene

Concen: 44.172 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

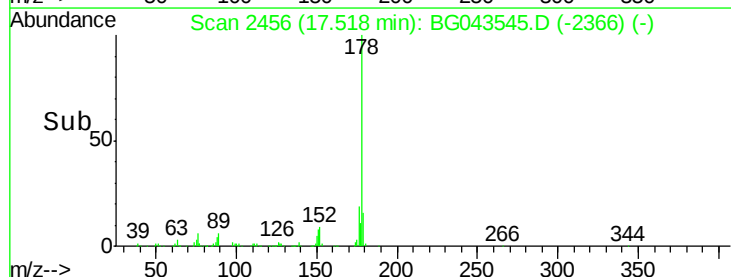
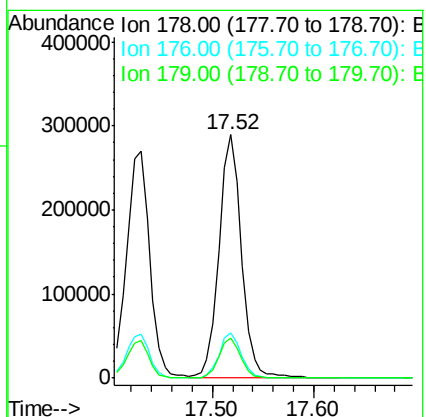
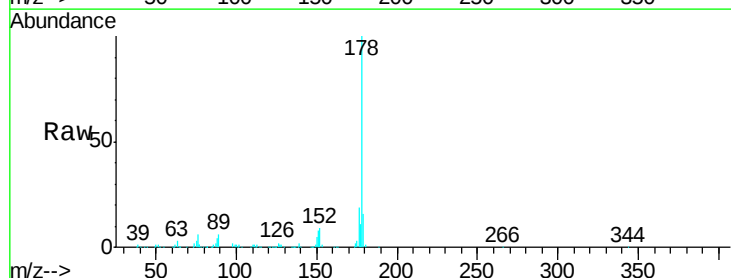
Tgt Ion:178 Resp: 443671

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

179 16.4 13.7 20.5





#73

Carbazole

Concen: 43.976 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

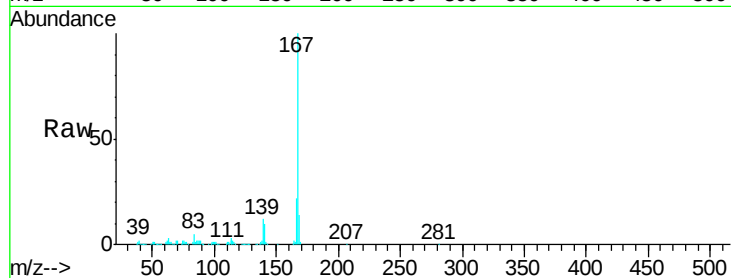
Tgt Ion:167 Resp: 399999

Ion Ratio Lower Upper

167 100

166 21.9 18.7 28.1

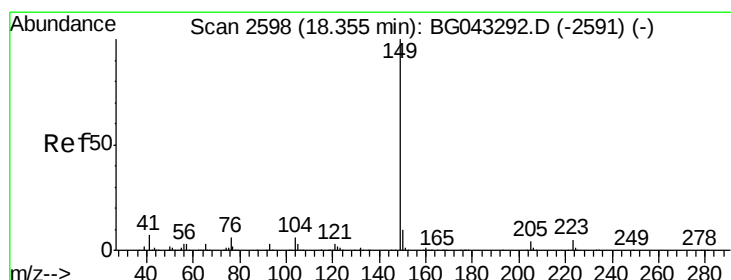
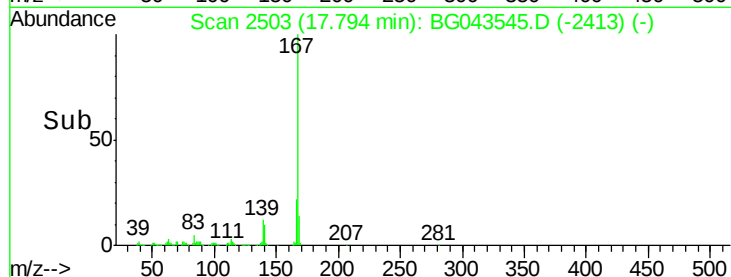
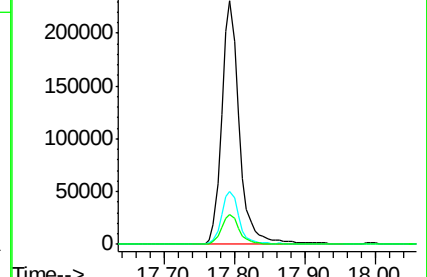
139 12.3 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.305 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

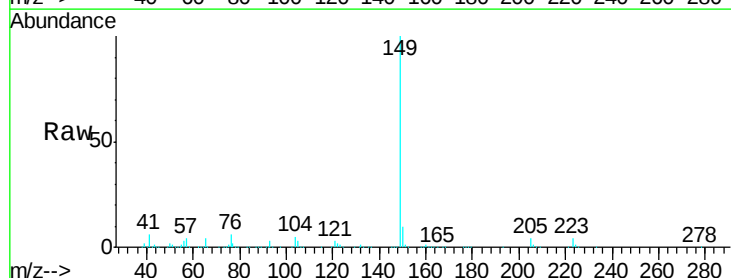
Tgt Ion:149 Resp: 466900

Ion Ratio Lower Upper

149 100

150 9.5 8.0 12.0

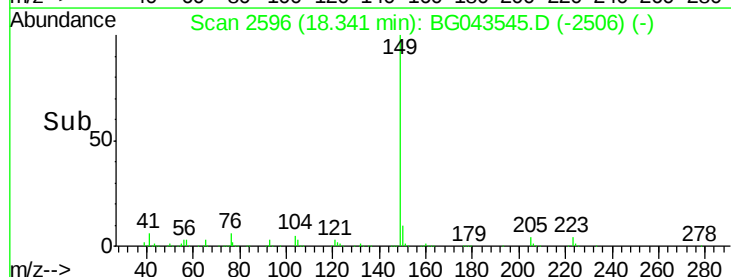
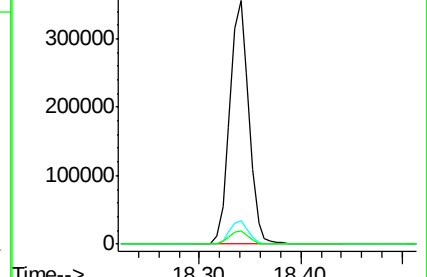
104 5.4 4.4 6.6

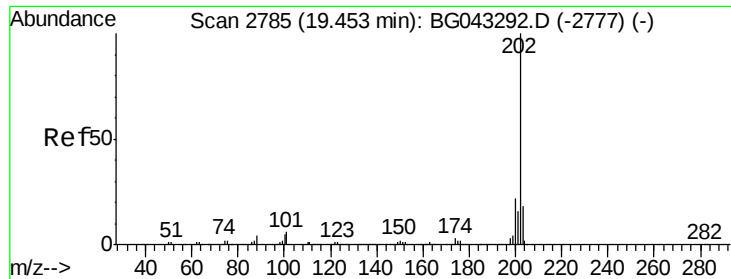


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.760 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

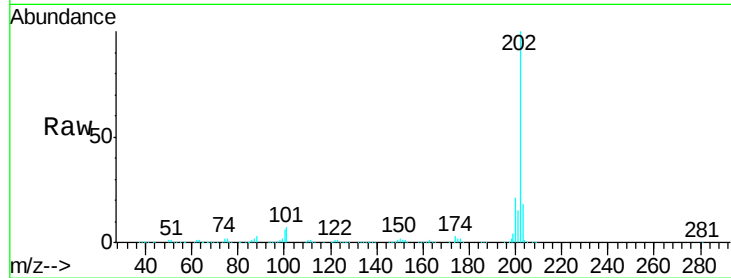
Tgt Ion:202 Resp: 572731

Ion Ratio Lower Upper

202 100

101 6.9 0.0 26.3

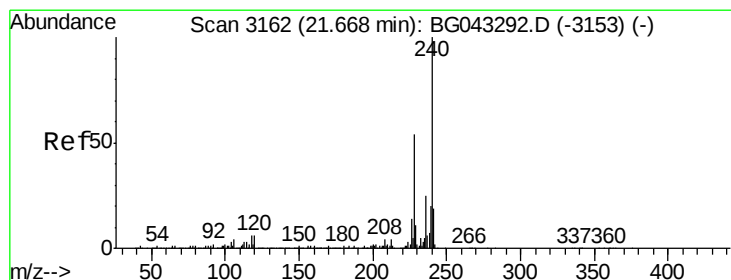
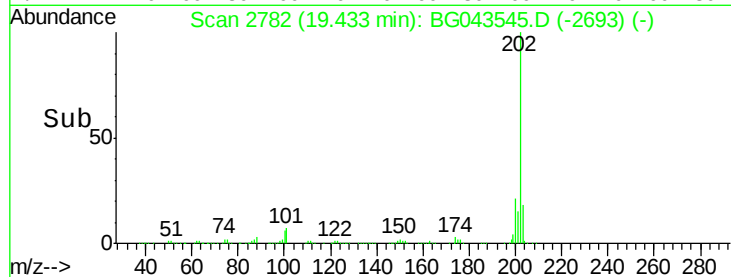
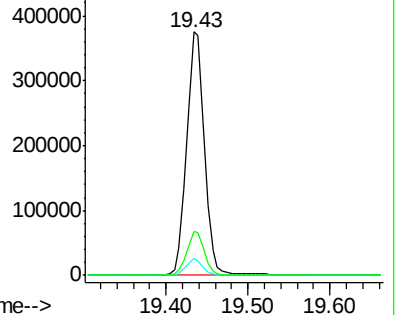
203 18.2 0.0 37.9



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: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

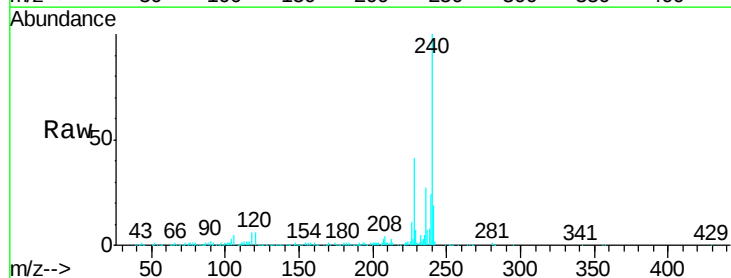
Tgt Ion:240 Resp: 212347

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

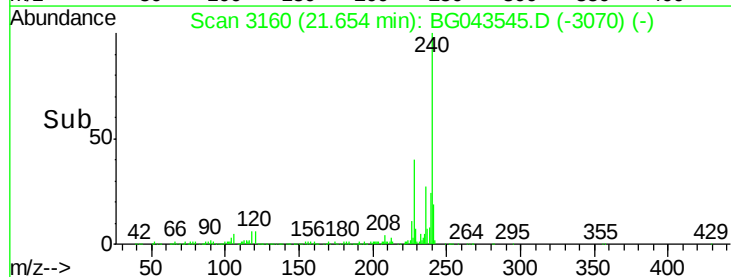
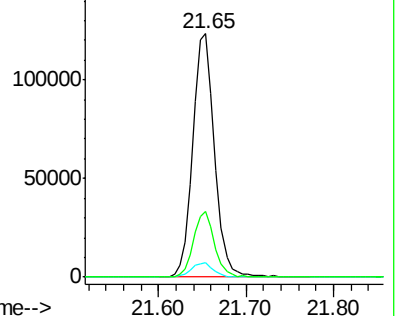
236 26.8 19.8 29.8



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: 44.323 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

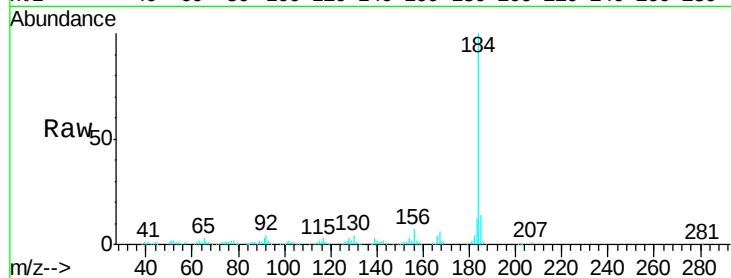
Tgt Ion:184 Resp: 189418

Ion Ratio Lower Upper

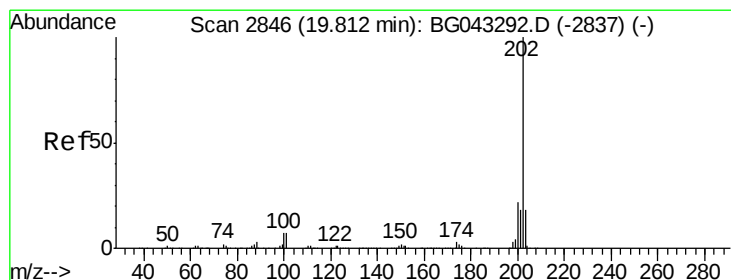
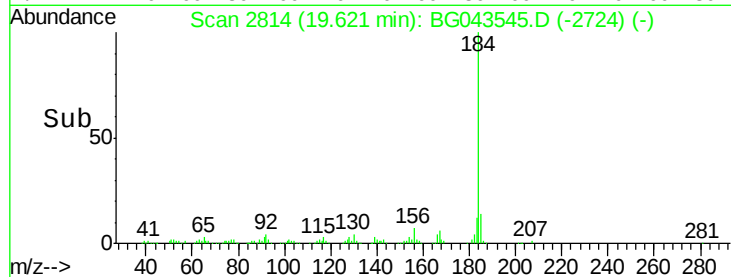
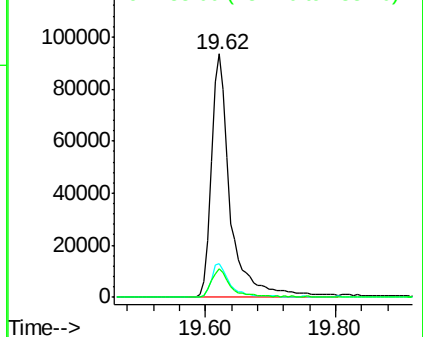
184 100

185 13.9 11.0 16.4

183 11.9 10.0 15.0



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: 43.845 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

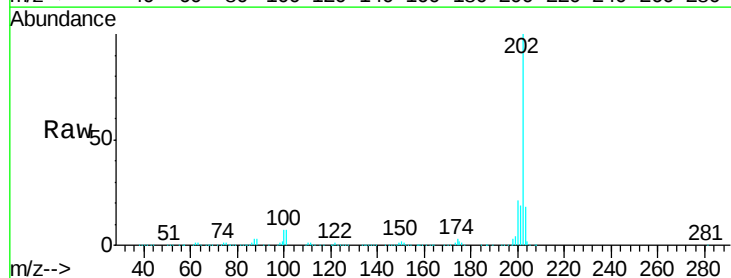
Tgt Ion:202 Resp: 576306

Ion Ratio Lower Upper

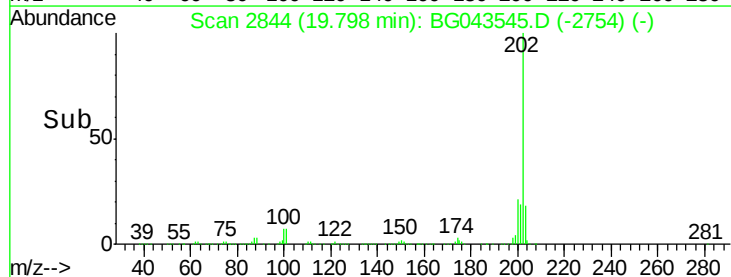
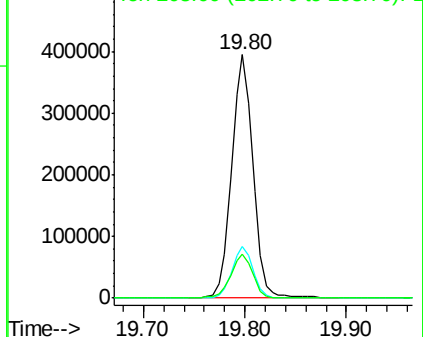
202 100

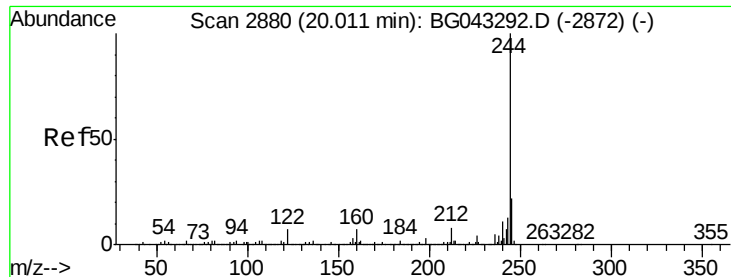
200 21.1 17.0 25.4

203 17.8 14.7 22.1



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: 75.613 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

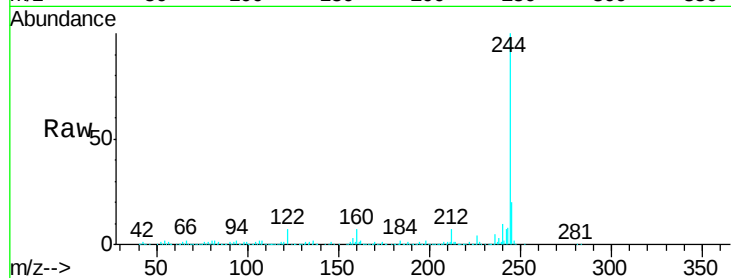
Tgt Ion:244 Resp: 855848

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

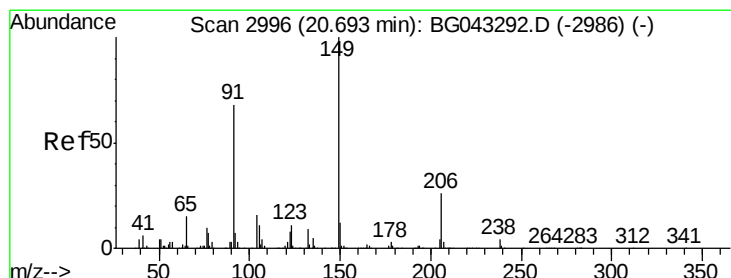
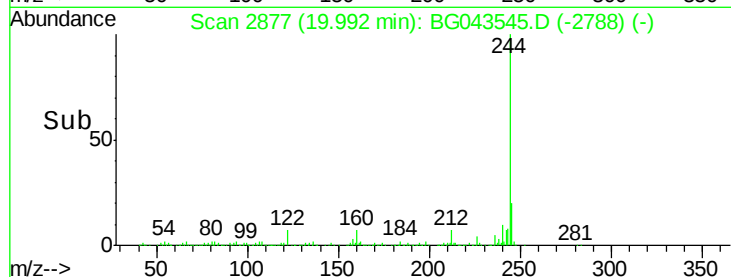
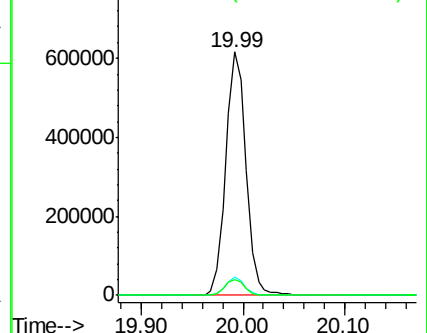
122 6.7 5.4 8.2



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: 43.496 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

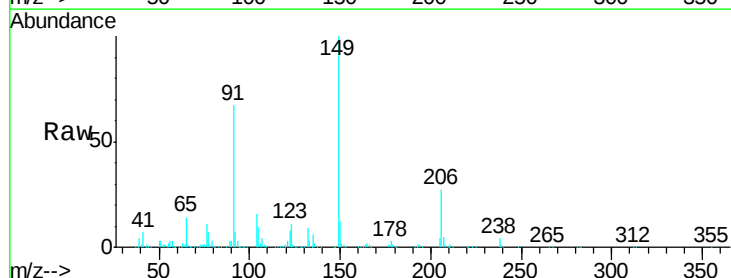
Tgt Ion:149 Resp: 216597

Ion Ratio Lower Upper

149 100

91 67.0 51.2 76.8

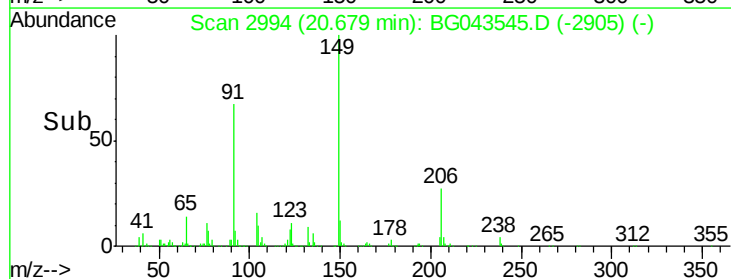
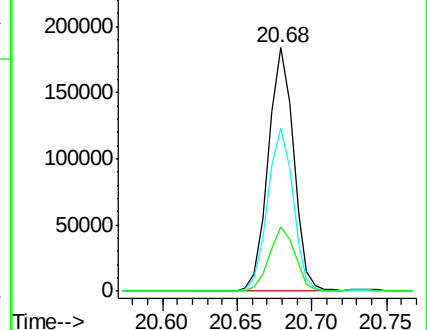
206 26.6 22.5 33.7

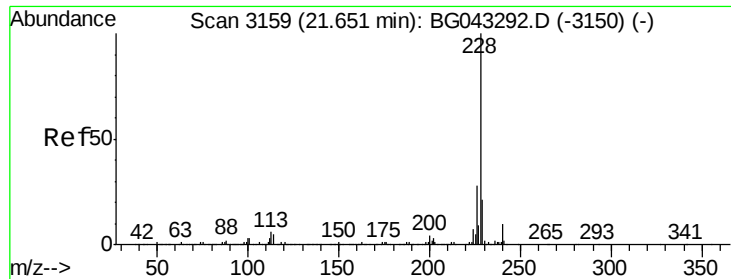


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.631 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

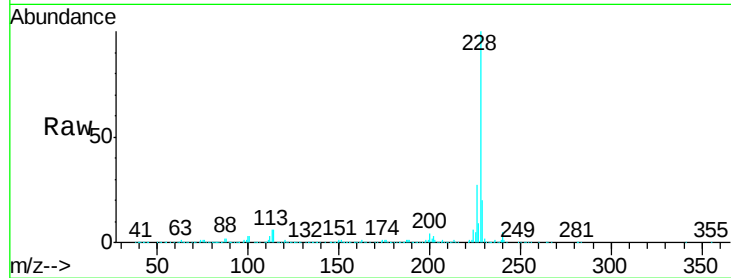
Tgt Ion:228 Resp: 593654

Ion Ratio Lower Upper

228 100

226 26.6 22.2 33.2

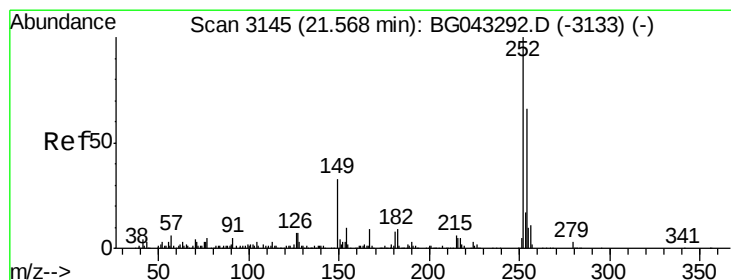
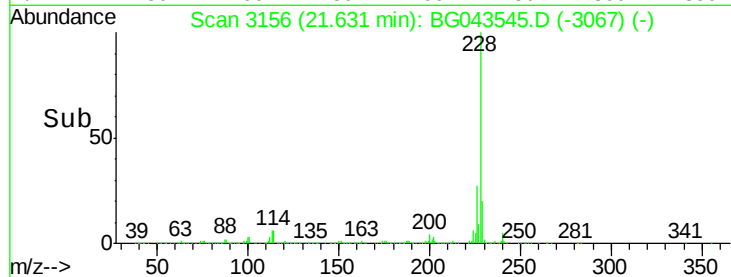
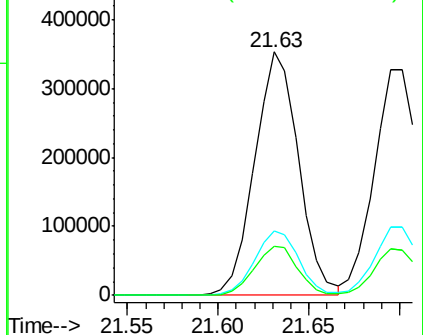
229 20.0 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.541 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

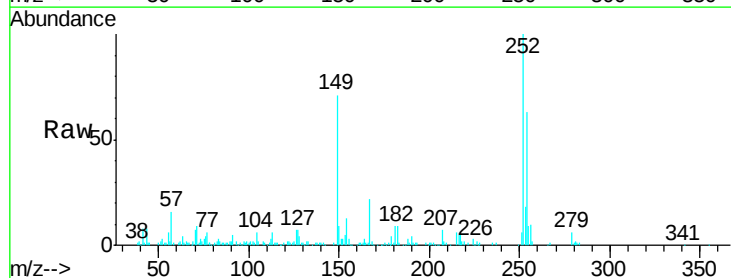
Tgt Ion:252 Resp: 105677

Ion Ratio Lower Upper

252 100

254 63.1 50.8 76.2

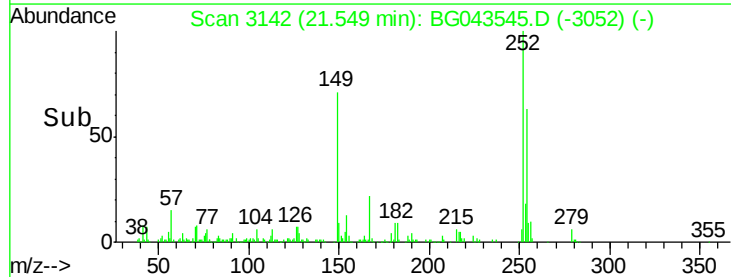
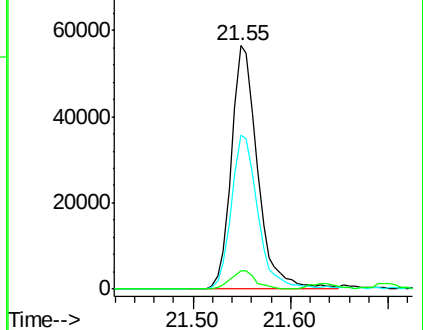
126 7.3 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.813 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

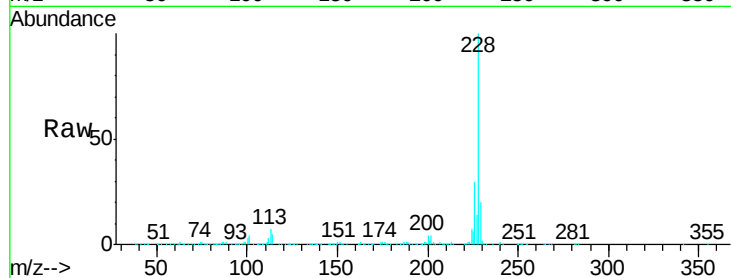
Tgt Ion:228 Resp: 565814

Ion Ratio Lower Upper

228 100

226 30.2 25.1 37.7

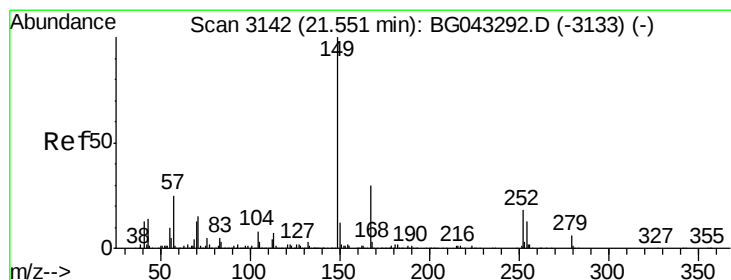
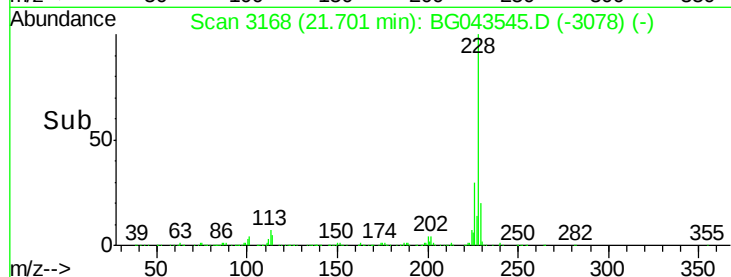
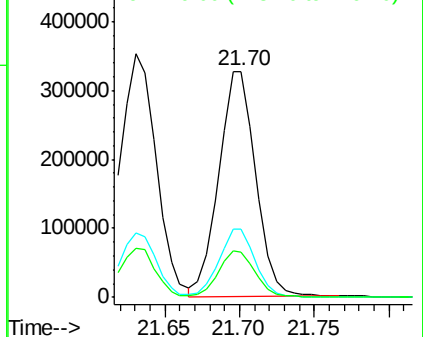
229 20.0 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.166 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

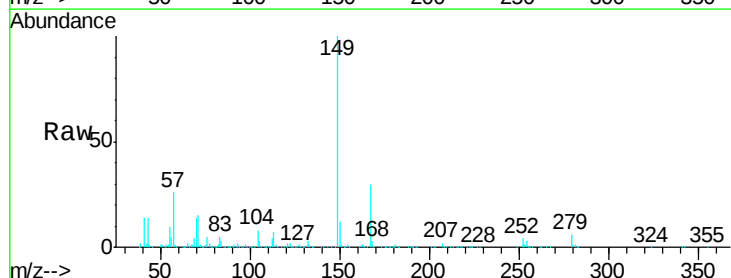
Tgt Ion:149 Resp: 312423

Ion Ratio Lower Upper

149 100

167 29.8 24.0 36.0

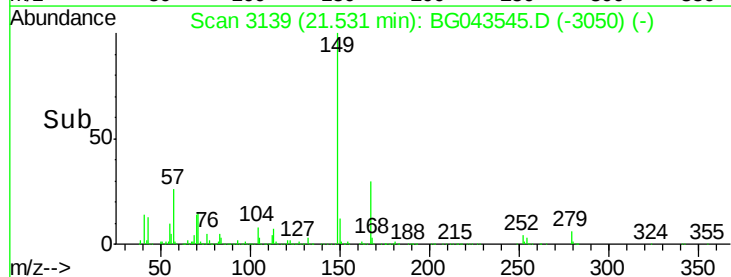
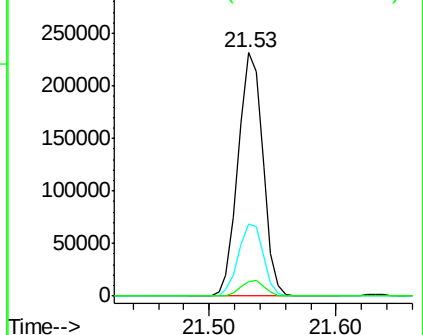
279 5.8 5.4 8.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.462 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

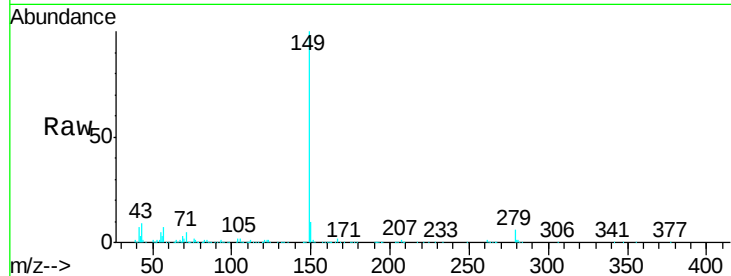
Tgt Ion:149 Resp: 521592

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

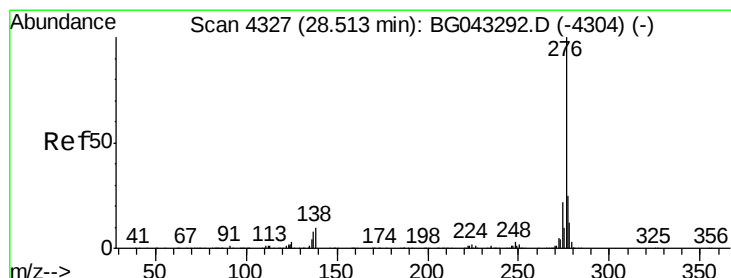
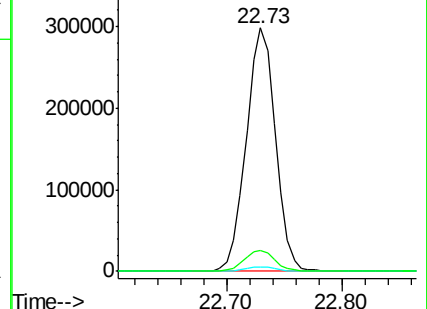
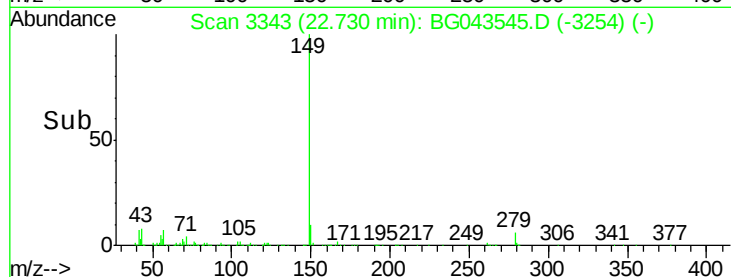
43 8.8 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.141 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

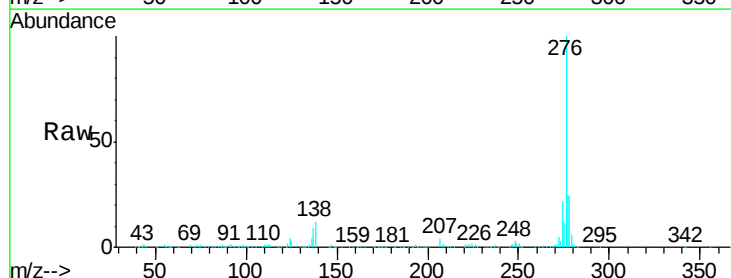
Tgt Ion:276 Resp: 715677

Ion Ratio Lower Upper

276 100

138 7.4 6.8 10.2

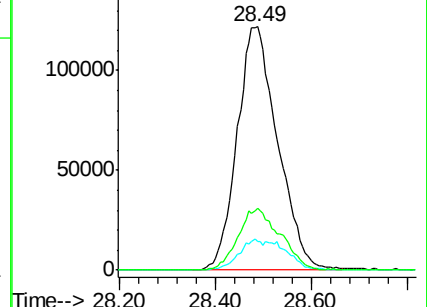
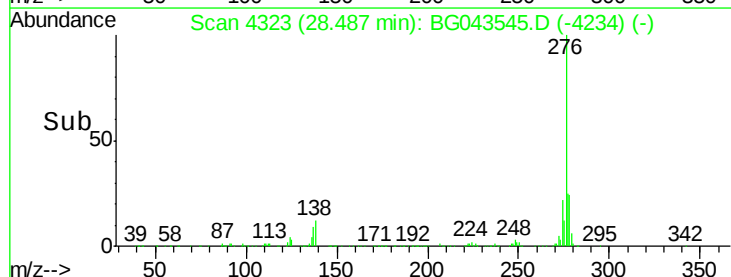
277 26.3 20.9 31.3

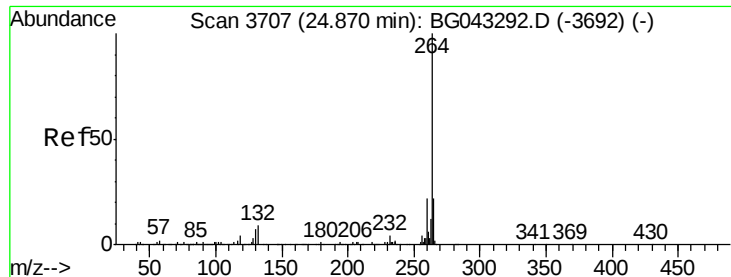


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

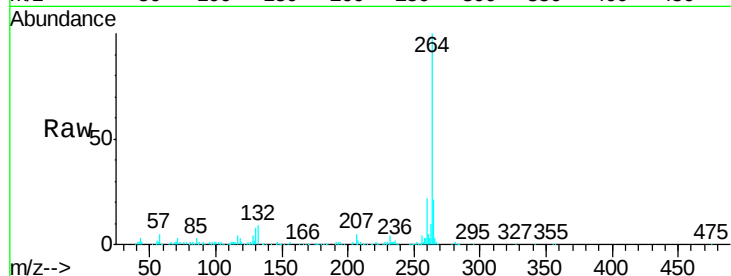
Tgt Ion:264 Resp: 245248

Ion Ratio Lower Upper

264 100

260 21.7 17.5 26.3

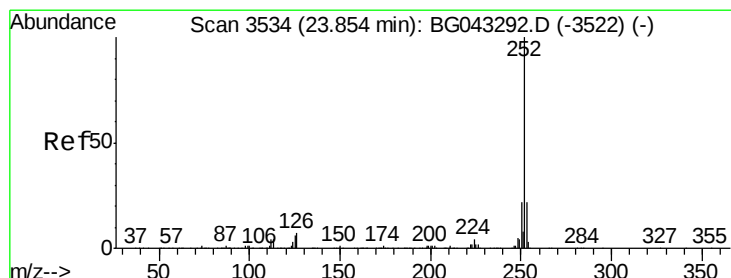
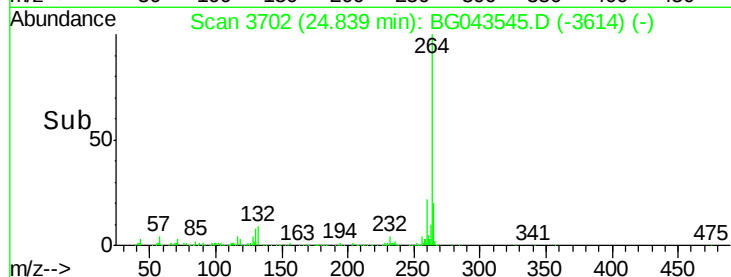
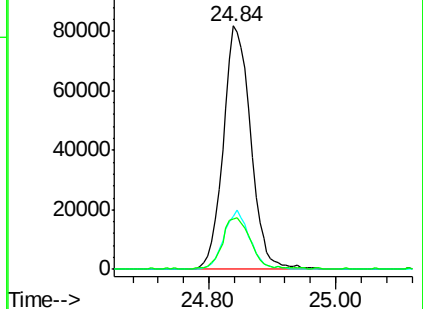
265 20.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.877 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

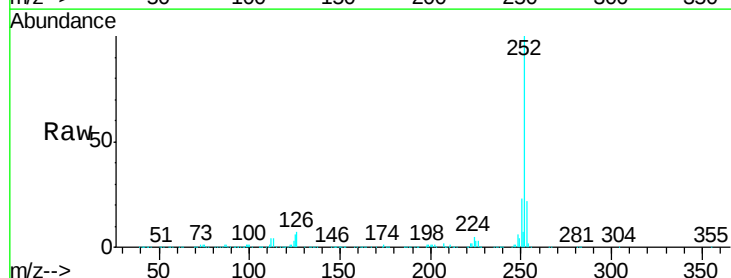
Tgt Ion:252 Resp: 595562

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

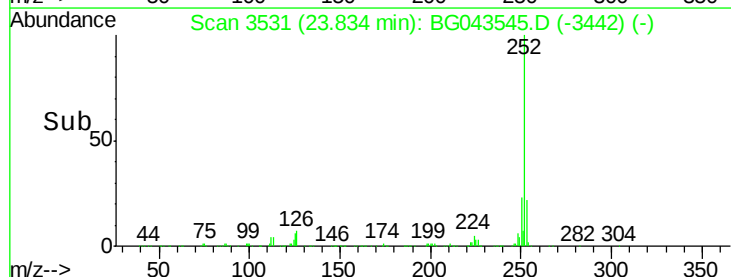
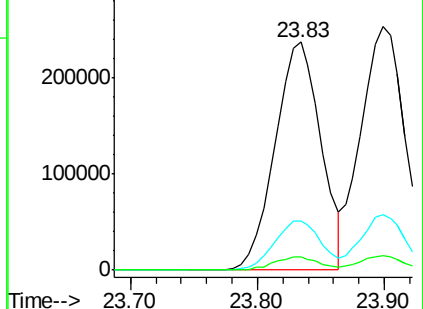
125 6.0 4.5 6.7

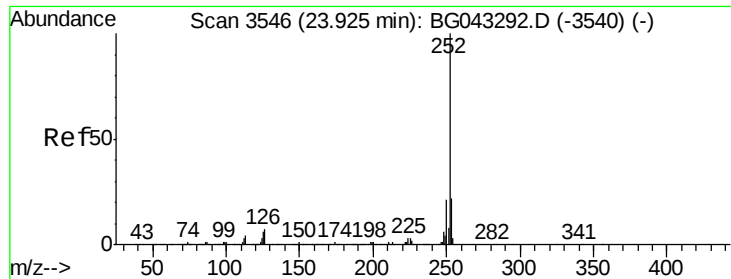


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

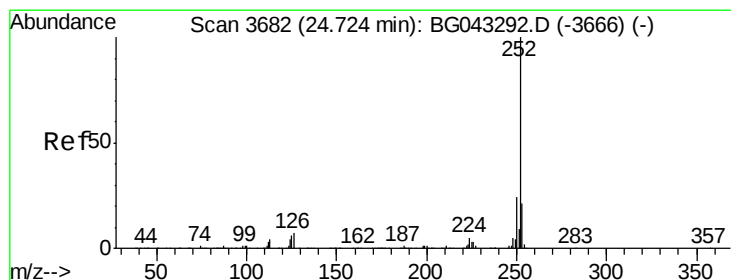
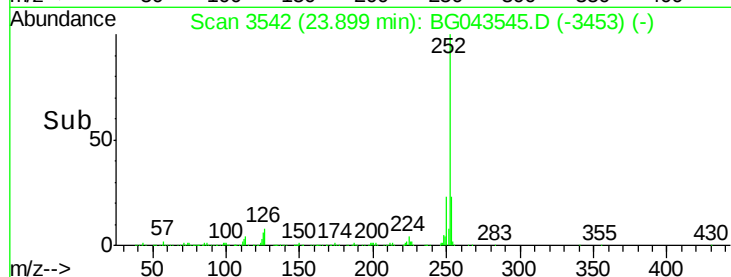
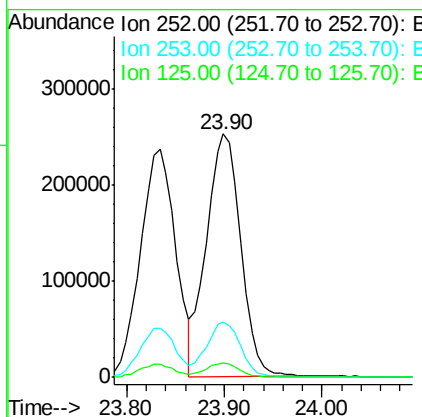
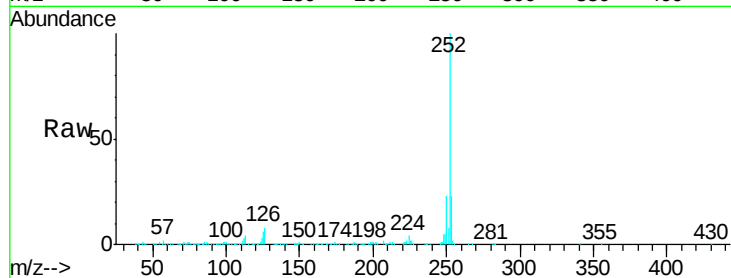




#89
Benzo(k)fluoranthene
Concen: 44.019 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

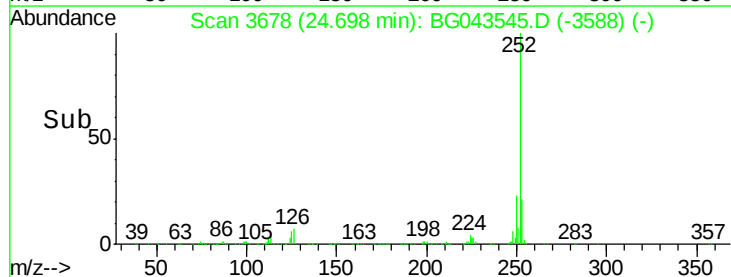
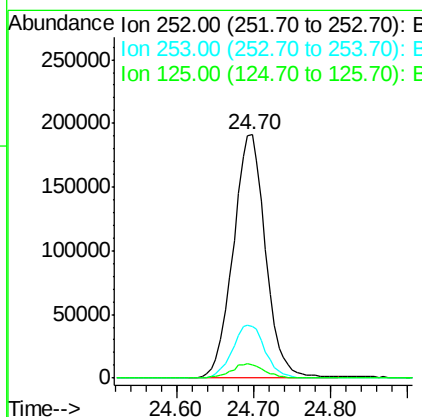
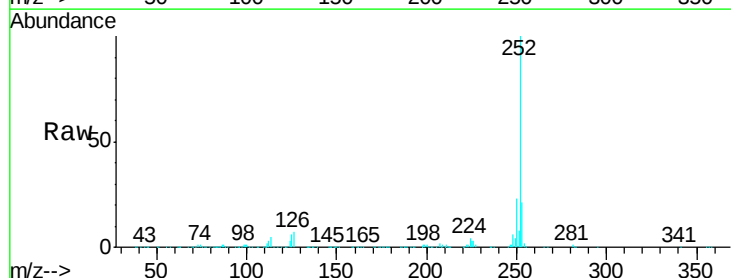
Instrument :
BNA_G
ClientSampleId :
TP- 32-DMSD

Tgt Ion:252 Resp: 615529
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 5.9 4.6 6.8



#90
Benzo(a)pyrene
Concen: 42.399 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043545.D
Acq: 7 Nov 2019 18:51

Tgt Ion:252 Resp: 562380
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.8
125 5.6 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 45.270 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

Instrument :

BNA_G

ClientSampleId :

TP- 32-DMSD

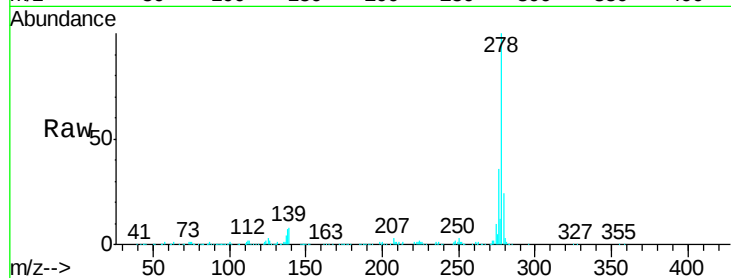
Tgt Ion:278 Resp: 614179

Ion Ratio Lower Upper

278 100

139 8.1 7.4 11.0

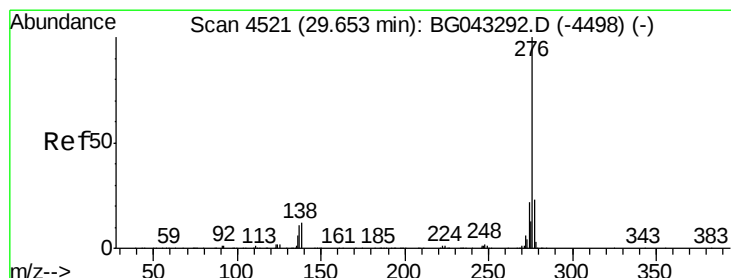
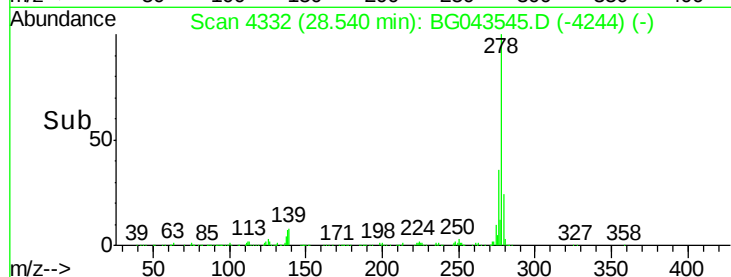
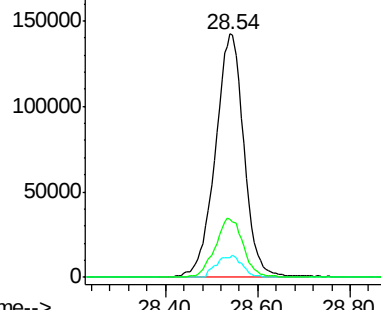
279 23.9 19.1 28.7



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: 45.275 ng

RT: 29.62 min Scan# 4516

Delta R.T. -0.01 min

Lab File: BG043545.D

Acq: 7 Nov 2019 18:51

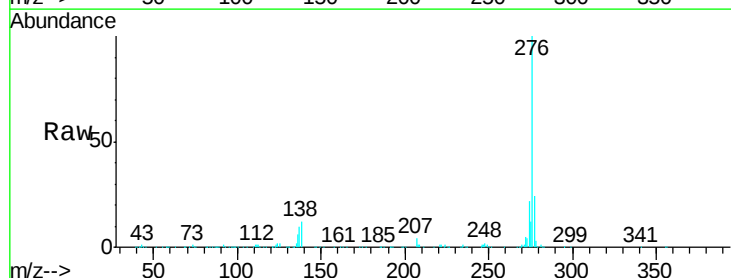
Tgt Ion:276 Resp: 605903

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 12.1 8.9 13.3



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

