

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
 Data File : BG044792.D
 Acq On : 14 Mar 2020 10:28
 Operator : CG/JU
 Sample : L1826-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

Quant Time: Mar 16 01:34:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	115948	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	483958	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	331282	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	700500	20.00	ng	0.00
76) Chrysene-d12	21.70	240	560352	20.00	ng	-0.01
87) Perylene-d12	24.92	264	622688	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	922498	123.85	ng	0.00
7) Phenol-d6	7.21	99	1203288	111.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	947081	85.87	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	573046	132.11	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1892190	81.79	ng	0.00
79) Terphenyl-d14	20.05	244	2475333	82.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	112568	31.38	ng	# 39
3) Pyridine	3.94	79	197600	18.61	ng	99
4) n-Nitrosodimethylamine	3.83	42	161092	39.99	ng	93
6) Aniline	7.37	93	163992	12.18	ng	96
8) 2-Chlorophenol	7.62	128	377659	50.79	ng	98
9) Benzaldehyde	7.18	77	273130	42.05	ng	97
10) Phenol	7.24	94	450962	42.09	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	384440	44.96	ng	97
12) 1,3-Dichlorobenzene	7.94	146	401409	43.83	ng	96
13) 1,4-Dichlorobenzene	8.09	146	398402	44.00	ng	98
14) 1,2-Dichlorobenzene	8.41	146	380107	44.26	ng	96
15) Benzyl Alcohol	8.29	79	409113	47.12	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	585805	38.82	ng	99
17) 2-Methylphenol	8.49	107	342059	47.13	ng	92
18) Hexachloroethane	9.15	117	155110	43.51	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	334217	43.74	ng	96
20) 3+4-Methylphenols	8.82	107	474158	47.39	ng	100
22) Acetophenone	8.88	105	595616	43.44	ng	# 97
24) Nitrobenzene	9.25	77	499073	43.61	ng	100
25) Isophorone	9.78	82	931769	43.29	ng	98
26) 2-Nitrophenol	9.97	139	215878	53.61	ng	96
27) 2,4-Dimethylphenol	10.03	122	341704	48.75	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	531620	41.39	ng	98
29) 2,4-Dichlorophenol	10.50	162	392519	47.94	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	425591	43.47	ng	98
31) Naphthalene	10.92	128	1210762	45.16	ng	98
32) Benzoic acid	10.17	122	231358	43.50	ng	96
33) 4-Chloroaniline	11.02	127	43777	3.62	ng	96
34) Hexachlorobutadiene	11.21	225	280454	43.56	ng	97
35) Caprolactam	11.78	113	67960	21.92	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	454314	46.53	ng	97
37) 2-Methylnaphthalene	12.51	142	882346	44.00	ng	99
38) 1-Methylnaphthalene	12.74	142	839069	44.50	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	483472	44.31	ng	100

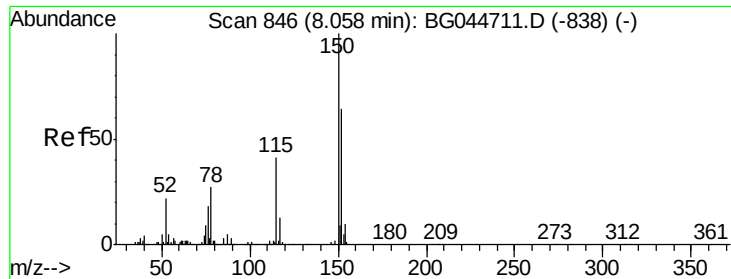
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
 Data File : BG044792.D
 Acq On : 14 Mar 2020 10:28
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Quant Time: Mar 16 01:34:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	282991	47.46	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	344183	47.54	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	359012	47.81	ng	98
46) 1,1'-Biphenyl	13.52	154	1098295	41.49	ng	97
47) 2-Chloronaphthalene	13.57	162	845548	41.81	ng	99
48) 2-Nitroaniline	13.75	65	321952	45.47	ng	97
49) Acenaphthylene	14.41	152	1377454	43.48	ng	98
50) Dimethylphthalate	14.14	163	1225488	46.45	ng	99
51) 2,6-Dinitrotoluene	14.25	165	252970	47.56	ng	94
52) Acenaphthene	14.75	154	896377	43.20	ng	100
53) 3-Nitroaniline	14.58	138	97437	15.94	ng	98
54) 2,4-Dinitrophenol	14.78	184	102379	41.33	ng	# 72
55) Dibenzofuran	15.09	168	1316786	43.76	ng	100
56) 4-Nitrophenol	14.89	139	389089	83.38	ng	97
57) 2,4-Dinitrotoluene	15.04	165	351814	48.23	ng	91
58) Fluorene	15.73	166	1055678	42.65	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	337501	48.82	ng	95
60) Diethylphthalate	15.51	149	1133445	41.19	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	574938	43.14	ng	97
62) 4-Nitroaniline	15.74	138	210536	32.29	ng	89
63) Azobenzene	16.02	77	1178279	41.23	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	86003	29.62	ng	95
66) n-Nitrosodiphenylamine	15.94	169	953339	45.20	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	395727	45.19	ng	100
68) Hexachlorobenzene	16.74	284	430361	45.30	ng	99
69) Atrazine	16.89	200	368213	47.65	ng	97
70) Pentachlorophenol	17.08	266	516021	98.71	ng	98
71) Phenanthrene	17.48	178	1621937	43.33	ng	99
72) Anthracene	17.57	178	1653949	44.81	ng	100
73) Carbazole	17.83	167	1548640	43.68	ng	100
74) Di-n-butylphthalate	18.40	149	1843534	42.77	ng	99
75) Fluoranthene	19.48	202	1915748	42.98	ng	97
77) Benzidine	19.65	184	282088	15.51	ng	97
78) Pyrene	19.84	202	1888287	45.93	ng	97
80) Butylbenzylphthalate	20.73	149	825920	45.16	ng	98
81) Benzo(a)anthracene	21.68	228	1800564	44.62	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	443227	28.39	ng	# 99
83) Chrysene	21.75	228	1724809	44.75	ng	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	1123956	44.53	ng	99
85) Di-n-octyl phthalate	22.83	149	1890439	44.76	ng	100
86) Indeno(1,2,3-cd)pyrene	28.59	276	2149292	42.53	ng	98
88) Benzo(b)fluoranthene	23.91	252	1932385	47.01	ng	99
89) Benzo(k)fluoranthene	23.98	252	1798551	46.23	ng	97
90) Benzo(a)pyrene	24.78	252	1734604	45.10	ng	98
91) Dibenzo(a,h)anthracene	28.66	278	1775213	46.78	ng	99
92) Benzo(g,h,i)perylene	29.72	276	1622342	42.31	ng	98

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

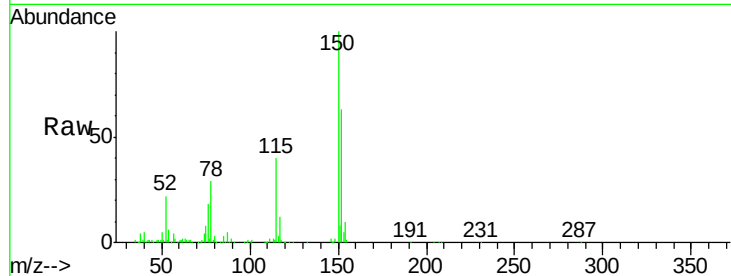


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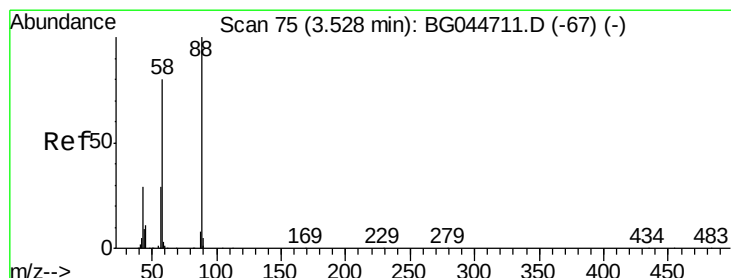
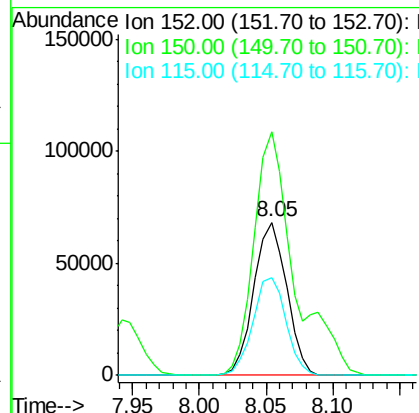
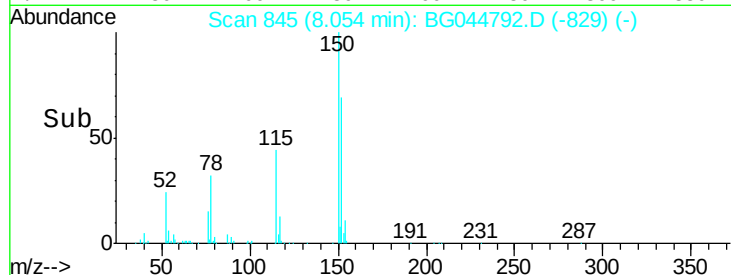
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.3	187.9
115	63.9	51.7	77.5



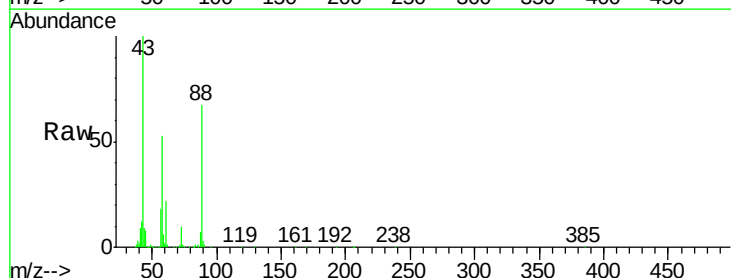
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



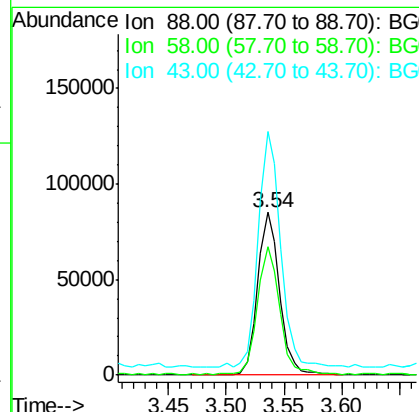
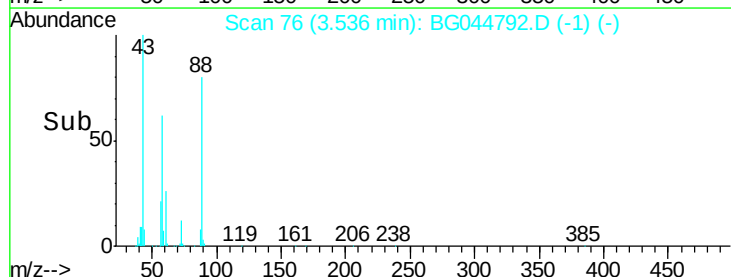
#2

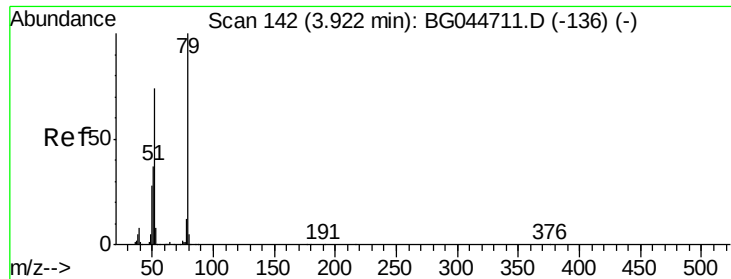
1,4-Dioxane
Concen: 31.38 ng
RT: 3.54 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	63.0	94.4
43	149.2	23.2	34.8#



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





#3

Pyridine

Concen: 18.61 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

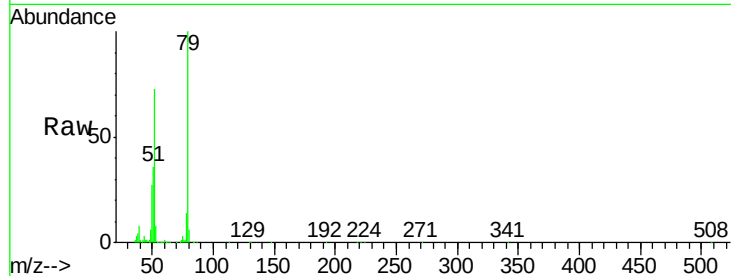
Tgt Ion: 79 Resp: 197600

Ion Ratio Lower Upper

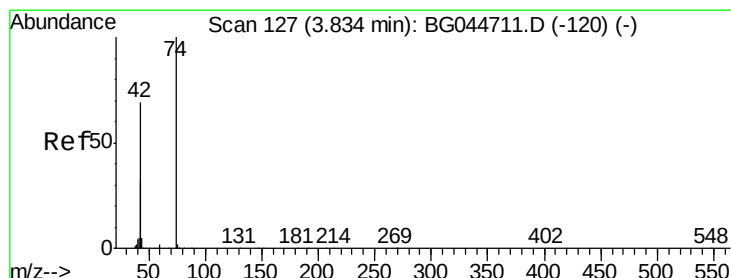
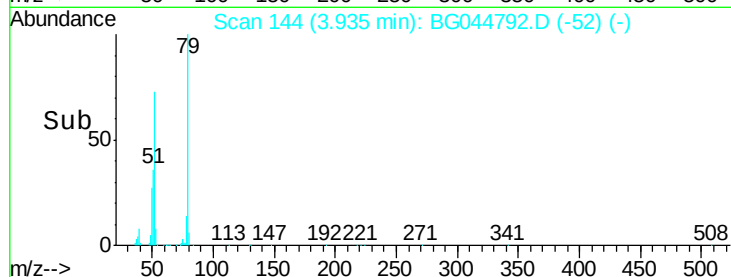
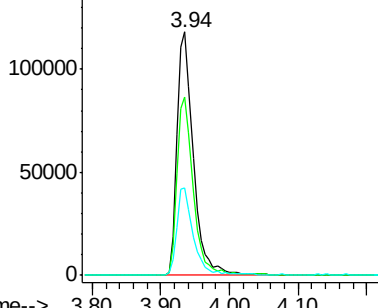
79 100

52 73.4 59.4 89.2

51 36.0 29.7 44.5



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



#4

n-Nitrosodimethylamine

Concen: 39.99 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

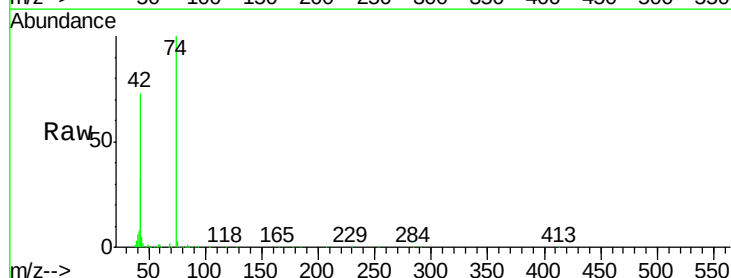
Tgt Ion: 42 Resp: 161092

Ion Ratio Lower Upper

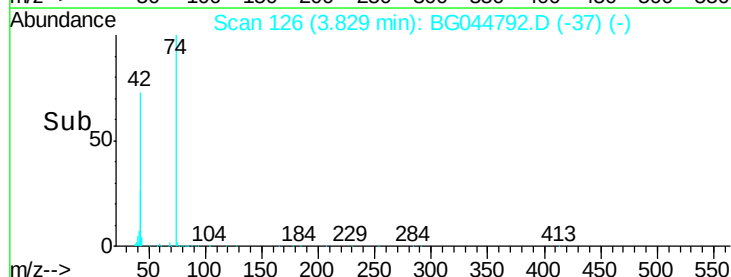
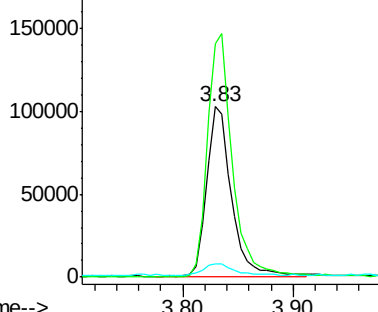
42 100

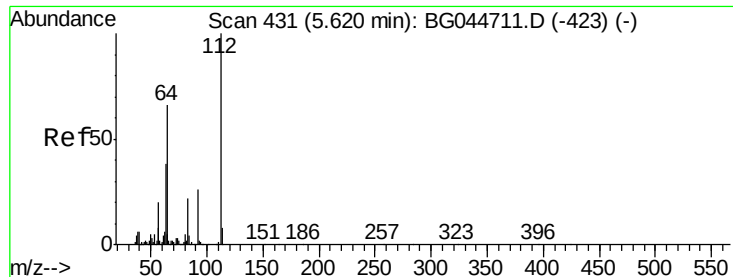
74 136.8 116.1 174.1

44 7.5 7.1 10.7



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





#5

2-Fluorophenol

Concen: 123.85 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

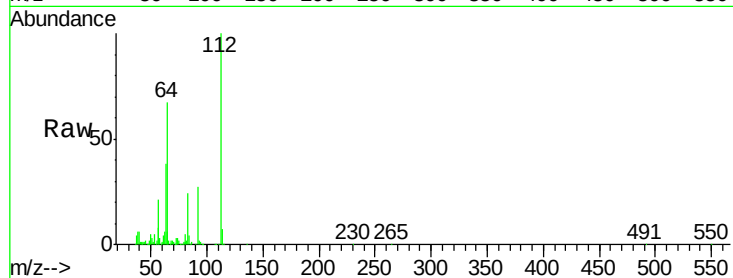
Tgt Ion: 112 Resp: 922498

Ion Ratio Lower Upper

112 100

64 67.0 52.6 78.8

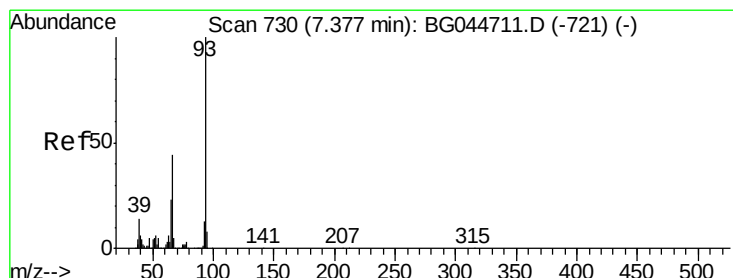
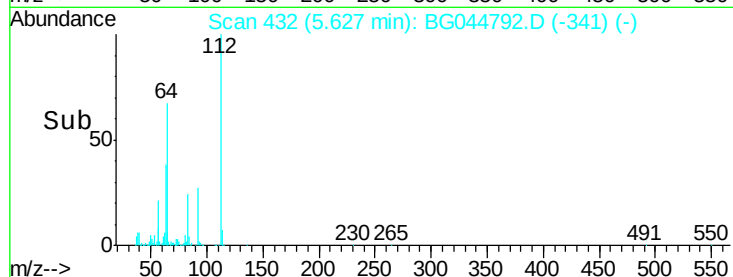
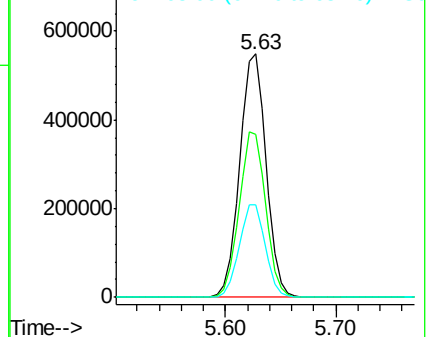
63 37.9 30.2 45.4



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: 12.18 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

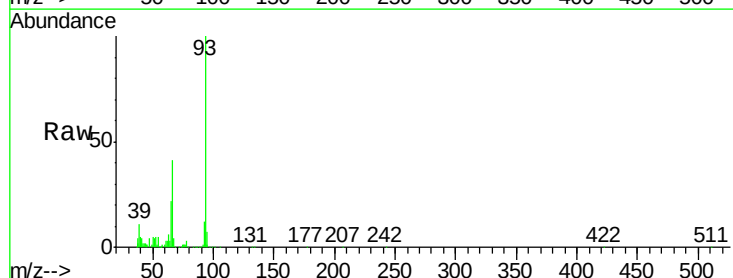
Tgt Ion: 93 Resp: 163992

Ion Ratio Lower Upper

93 100

66 41.1 35.3 52.9

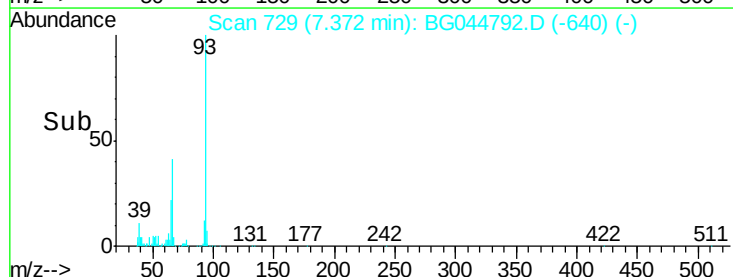
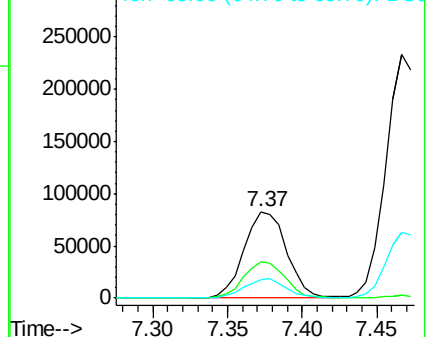
65 21.5 18.2 27.4

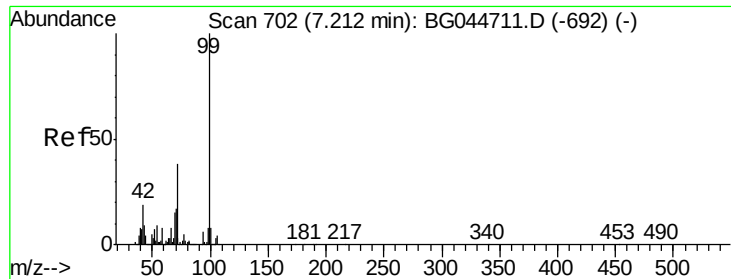


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.19 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

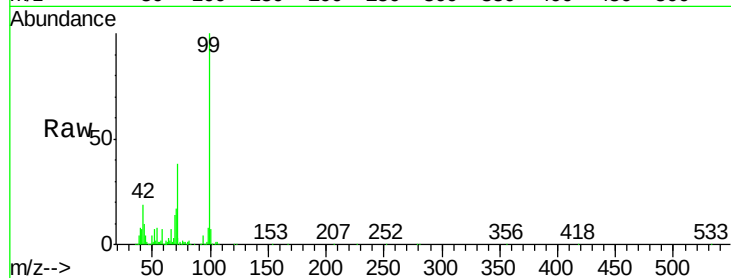
Tgt Ion: 99 Resp: 1203288

Ion Ratio Lower Upper

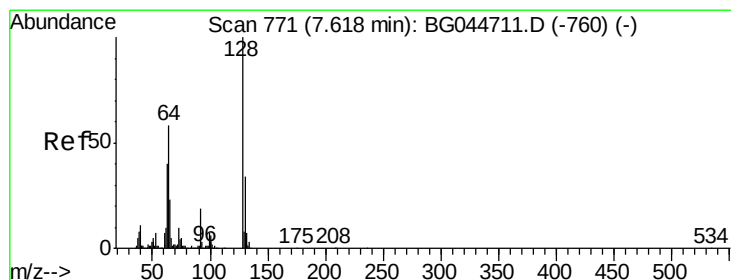
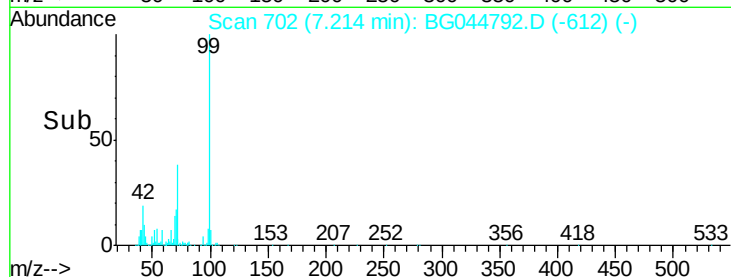
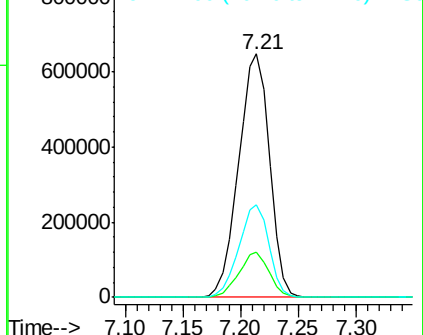
99 100

42 18.6 15.4 23.0

71 38.1 30.2 45.4



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: 50.79 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

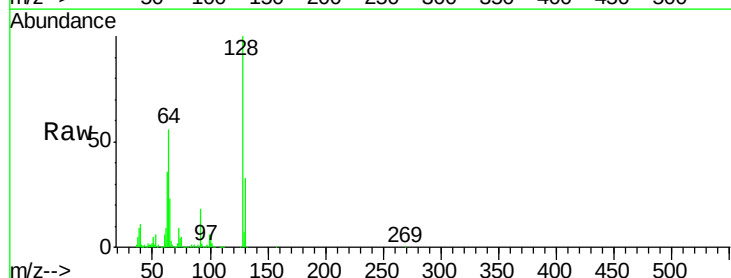
Tgt Ion: 128 Resp: 377659

Ion Ratio Lower Upper

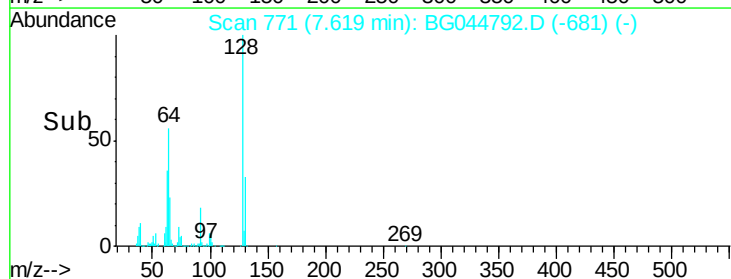
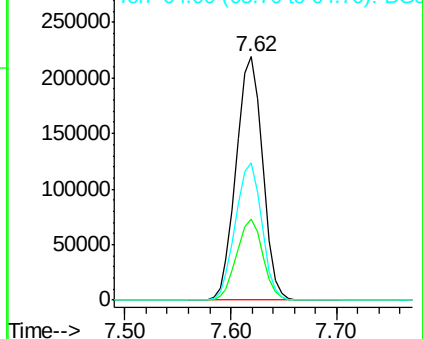
128 100

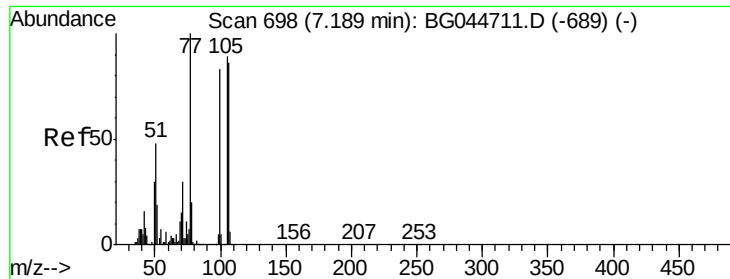
130 33.5 13.6 53.6

64 56.3 38.6 78.6



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





#9

Benzaldehyde

Concen: 42.05 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

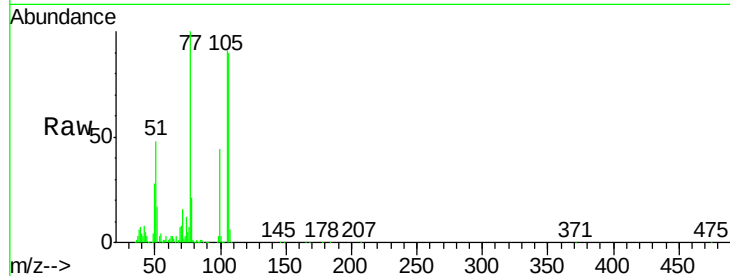
Tgt Ion: 77 Resp: 273130

Ion Ratio Lower Upper

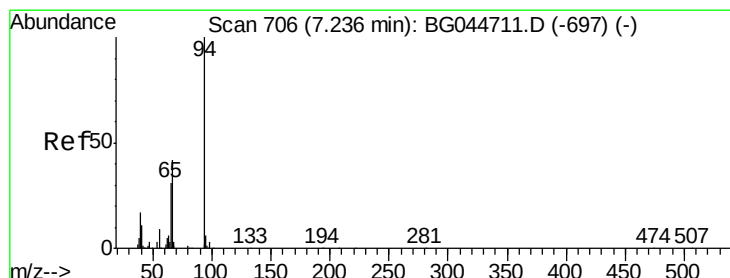
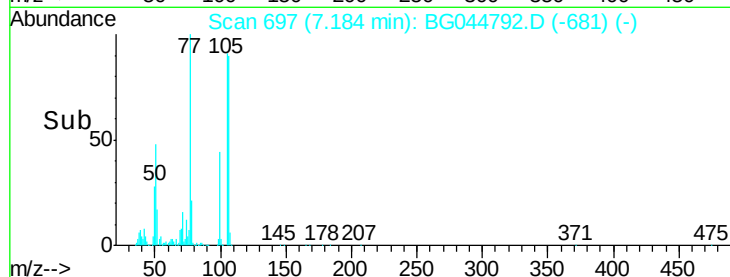
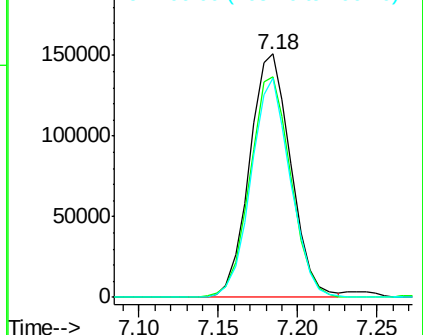
77 100

105 90.7 68.6 108.6

106 89.9 65.9 105.9



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



#10

Phenol

Concen: 42.09 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

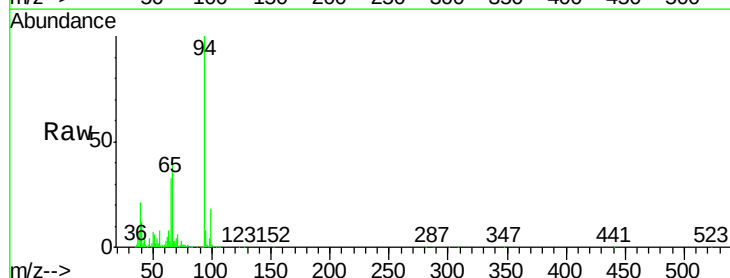
Tgt Ion: 94 Resp: 450962

Ion Ratio Lower Upper

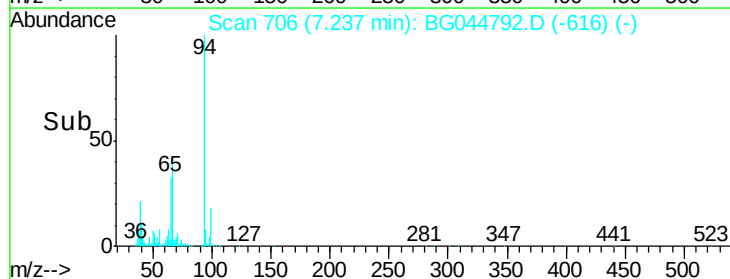
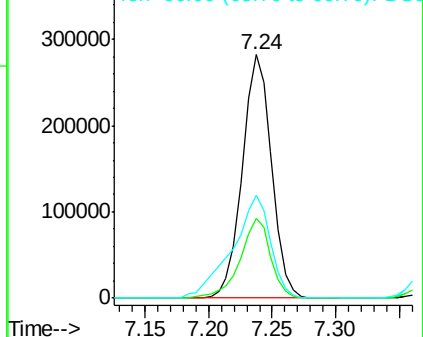
94 100

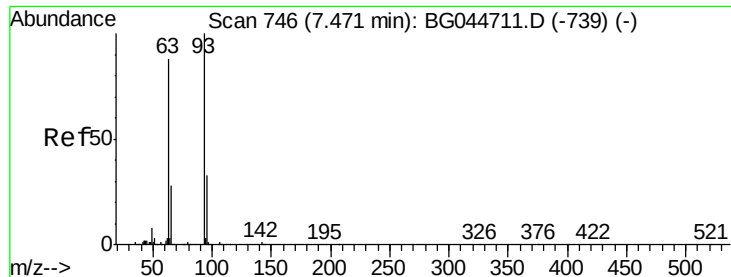
65 32.6 11.3 51.3

66 42.2 22.9 62.9



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

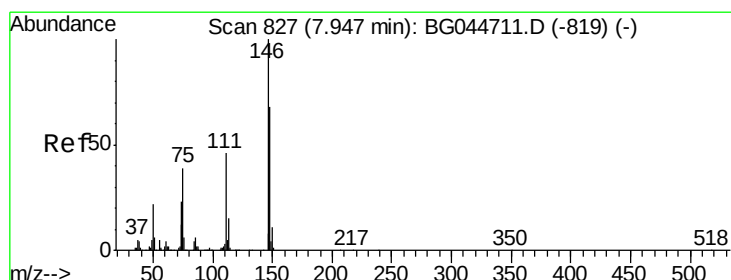
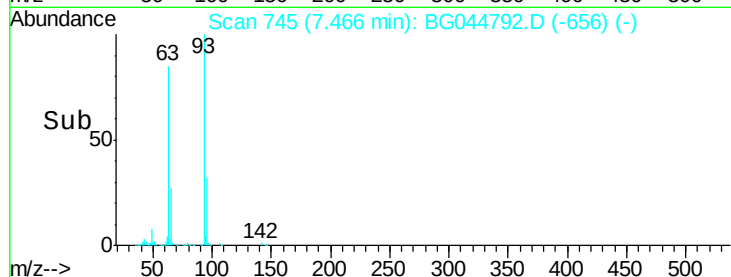
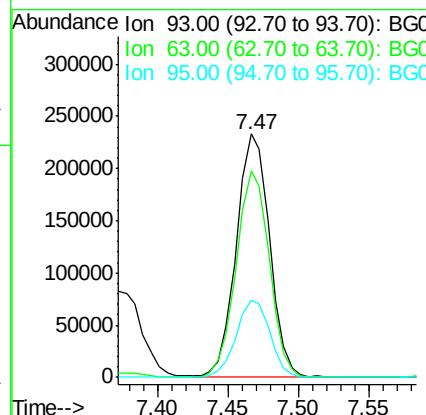
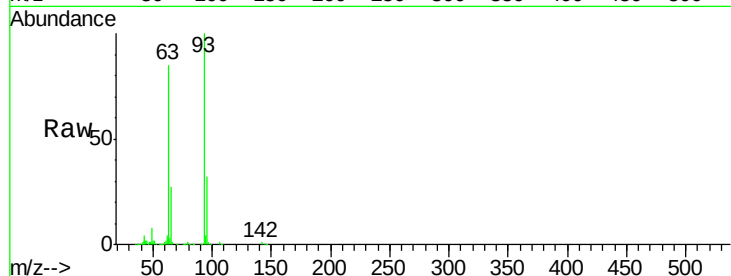




#11
bis(2-Chloroethyl)ether
Concen: 44.96 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

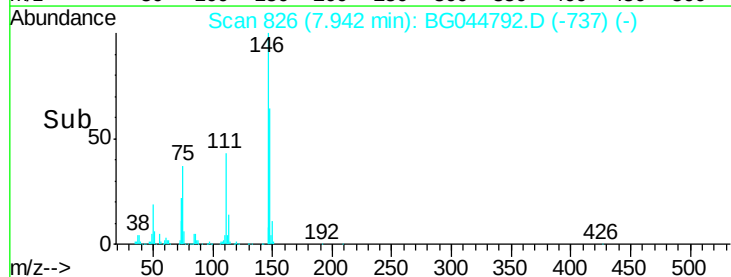
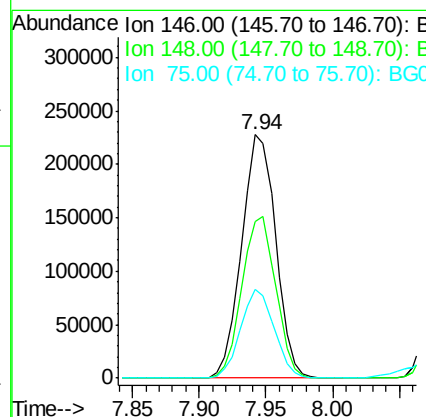
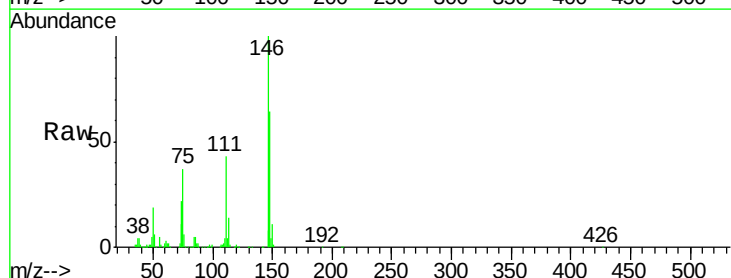
Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

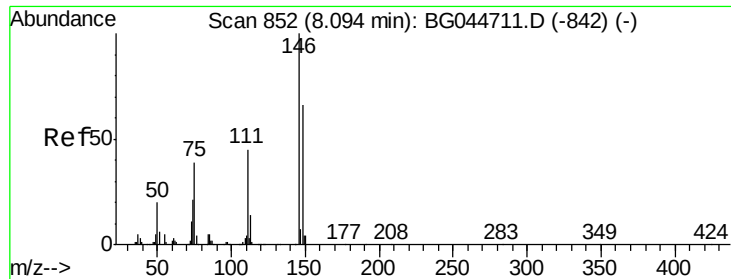
Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.0	68.1	108.1
95	31.9	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 43.83 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	54.2	81.2
75	36.6	31.3	46.9

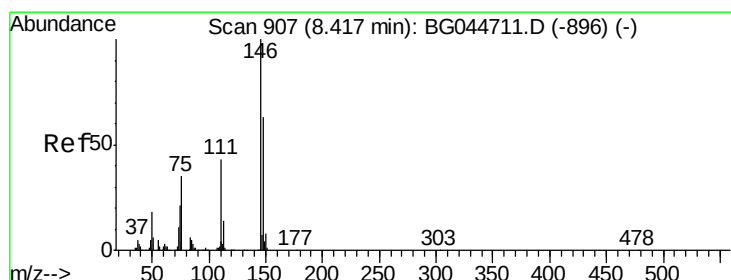
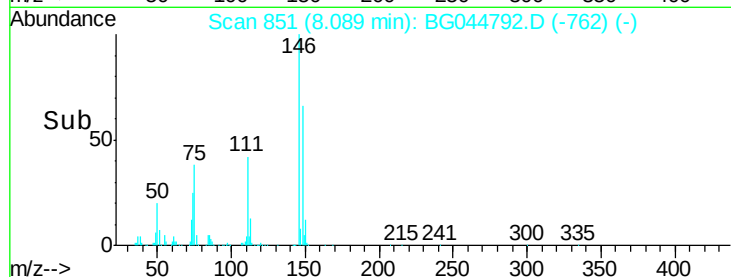
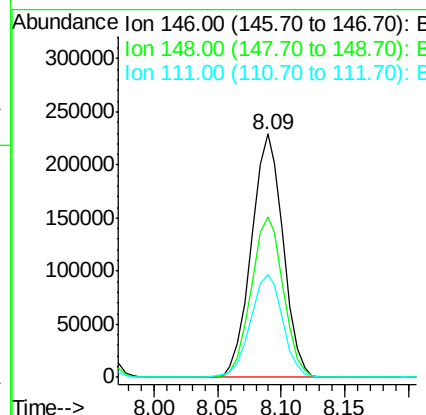
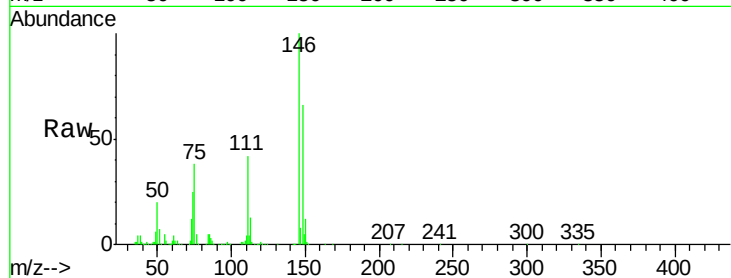




#13
 1,4-Dichlorobenzene
 Concen: 44.00 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

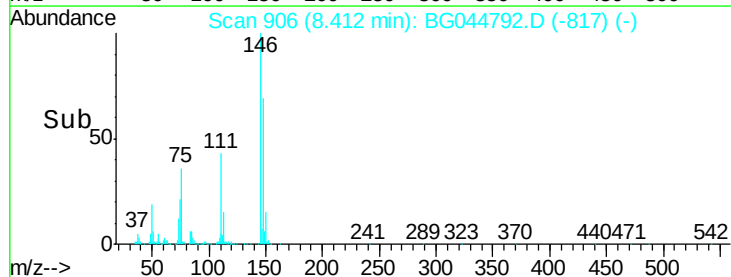
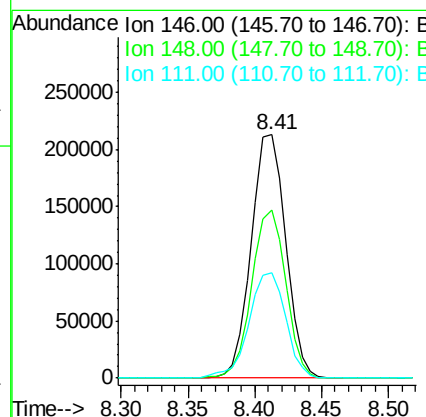
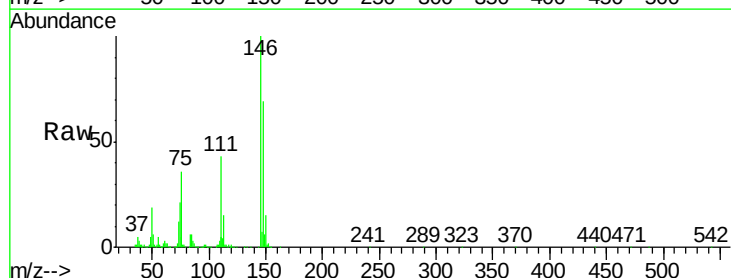
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

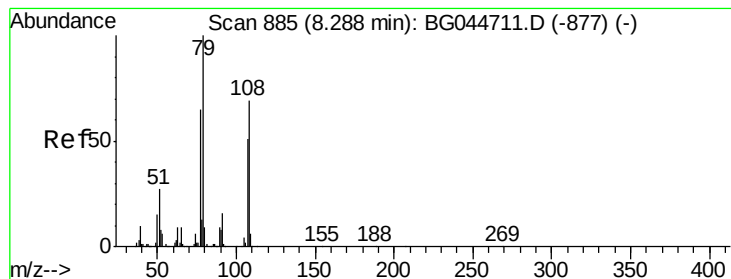
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.9	79.3
111	42.1	35.6	53.4



#14
 1,2-Dichlorobenzene
 Concen: 44.26 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.0	50.8	76.2
111	43.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 47.12 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

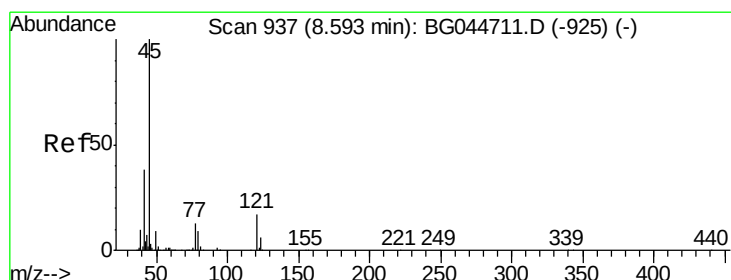
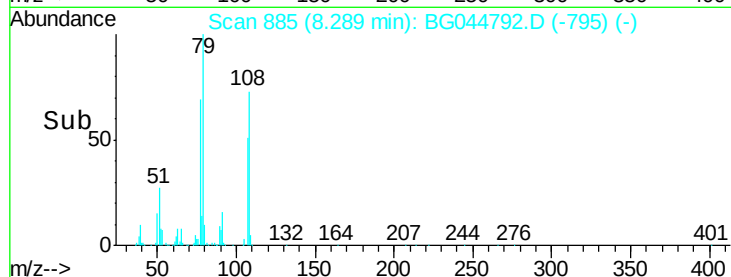
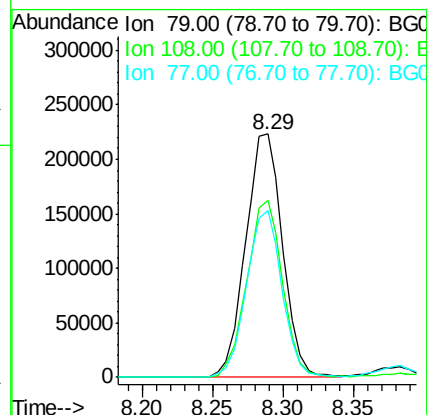
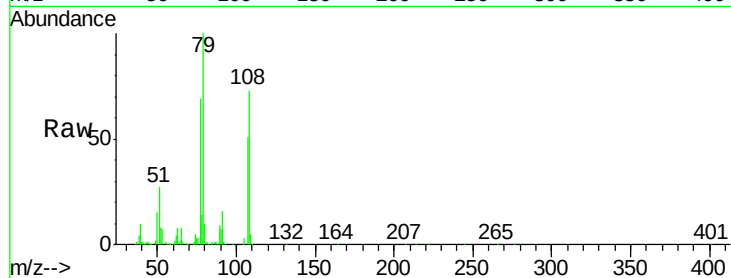
Tgt Ion: 79 Resp: 409113

Ion Ratio Lower Upper

79 100

108 72.7 55.4 83.0

77 68.7 52.2 78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.82 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

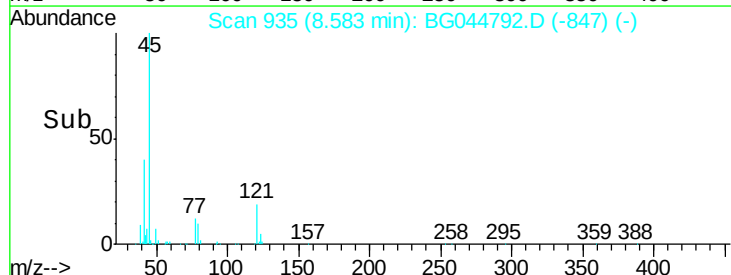
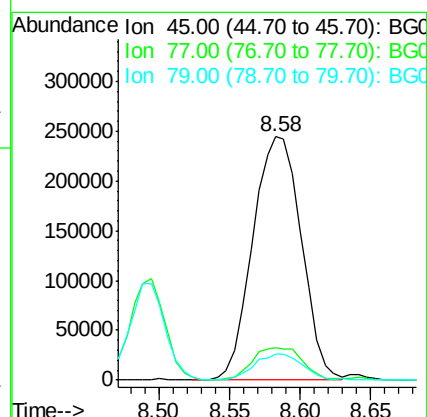
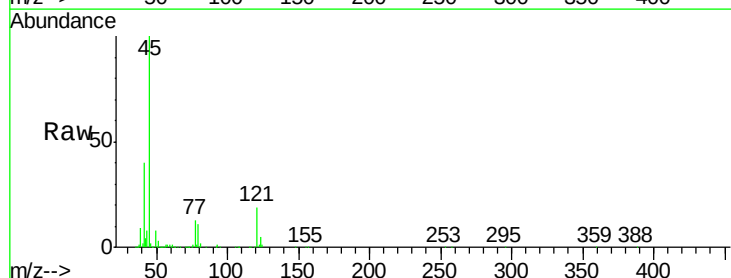
Tgt Ion: 45 Resp: 585805

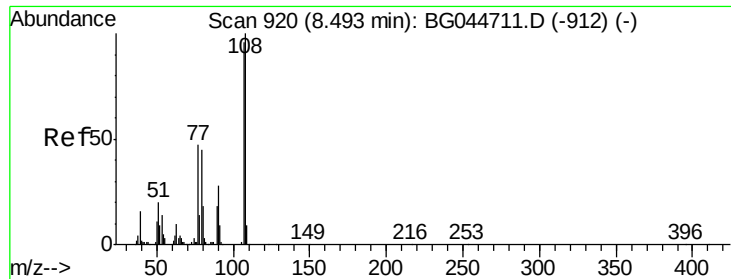
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.4

79 10.6 0.0 30.0

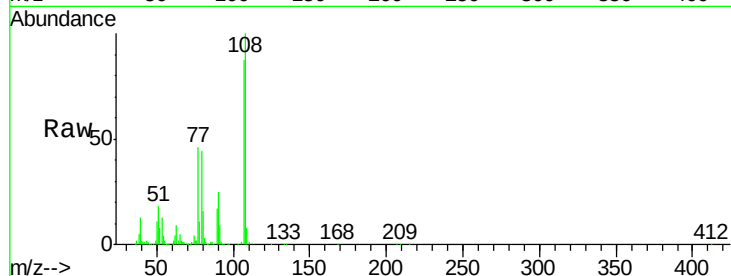




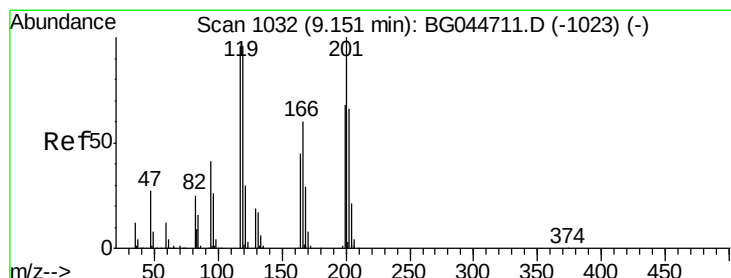
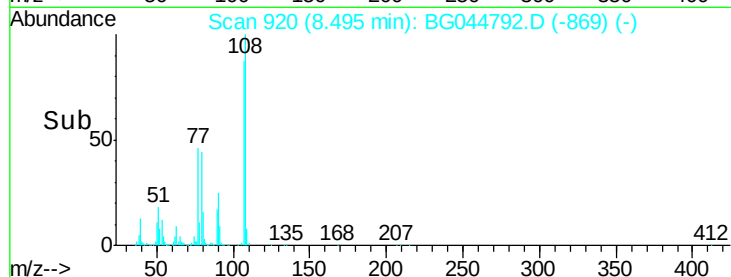
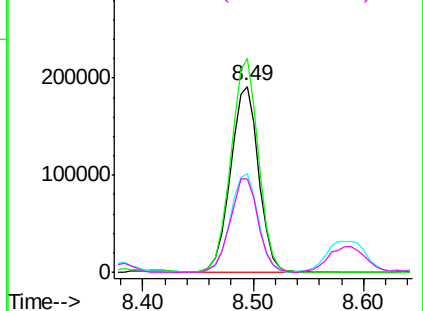
#17
2-Methylphenol
Concen: 47.13 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tgt Ion:	107	Resp:	342059
Ion	Ratio	Lower	Upper
107	100		
108	114.9	83.2	124.8
77	53.2	39.0	58.6
79	50.3	37.6	56.4

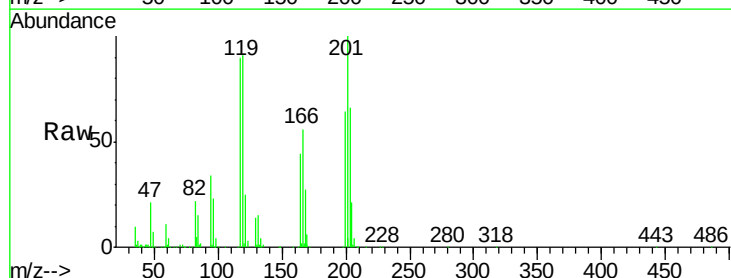


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

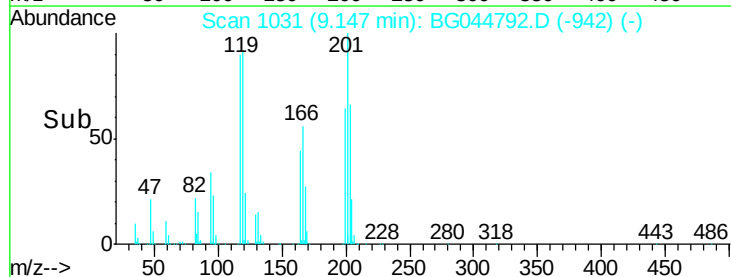
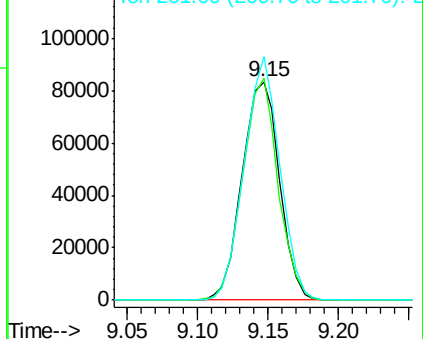


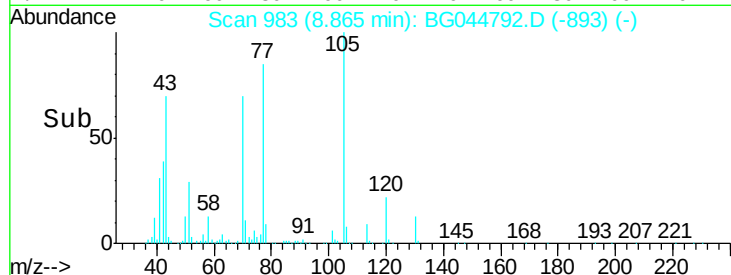
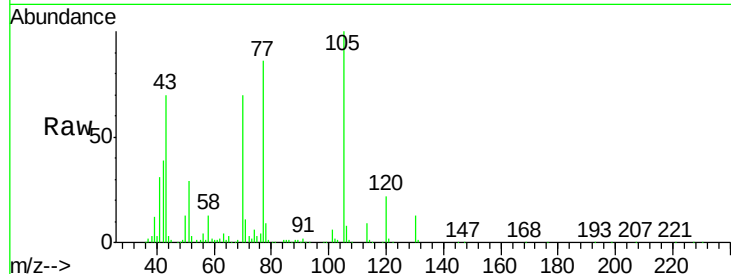
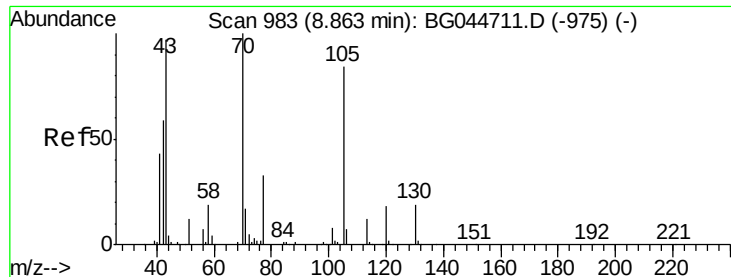
#18
Hexachloroethane
Concen: 43.51 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion:	117	Resp:	155110
Ion	Ratio	Lower	Upper
117	100		
119	101.7	80.2	120.4
201	111.5	83.4	125.2



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

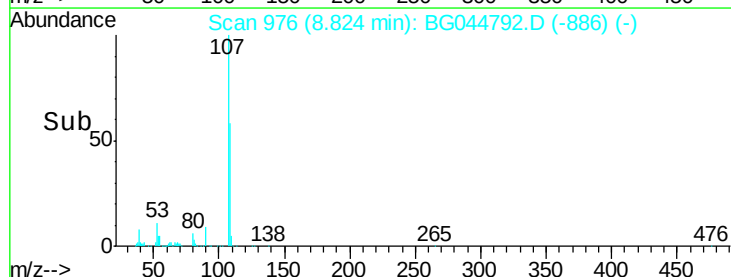
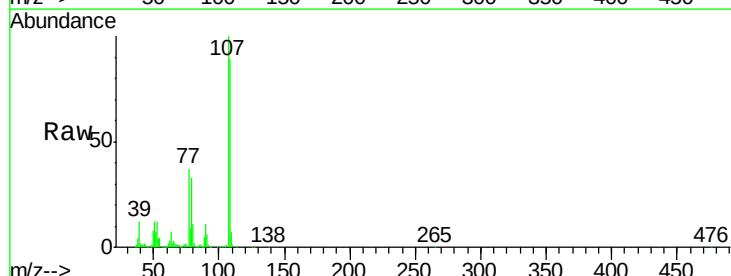
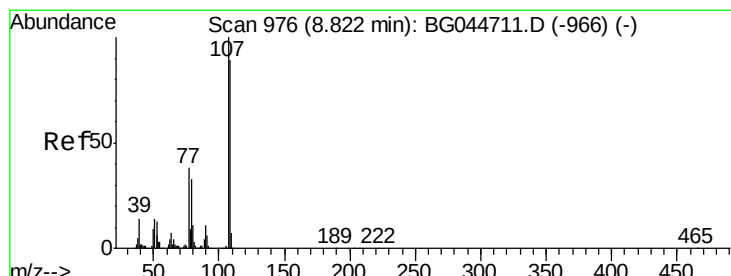
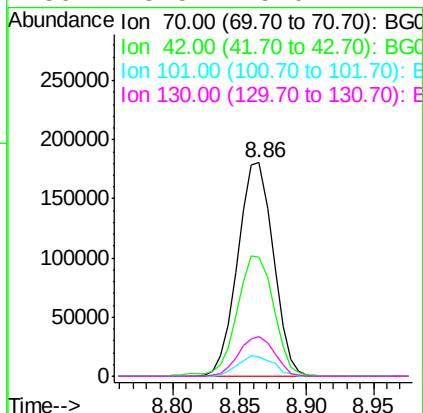




#19
n-Nitroso-di-n-propylamine
Concen: 43.74 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

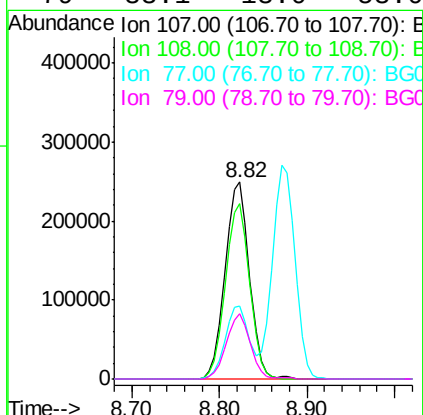
Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

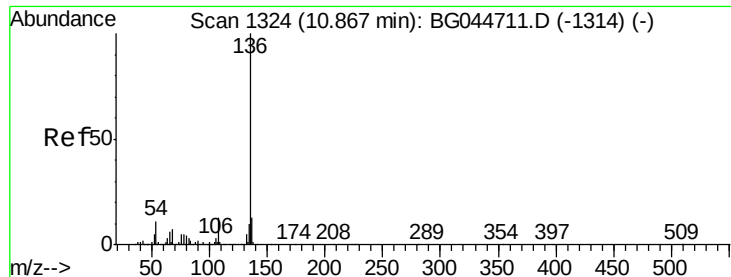
Tgt Ion:	70	Resp:	334217
Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.6	71.4
101	8.7	6.5	9.7
130	18.5	15.0	22.4



#20
3+4-Methylphenols
Concen: 47.39 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion:	107	Resp:	474158
Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.1	109.1
77	37.0	17.7	57.7
79	33.1	13.0	53.0

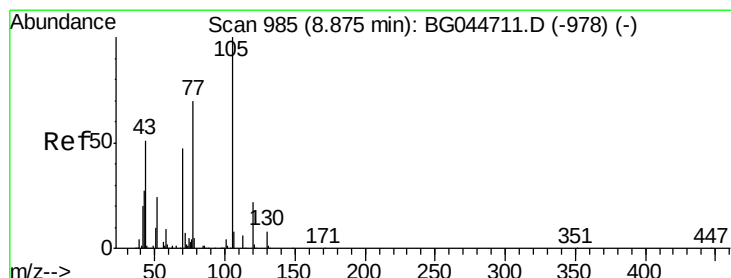
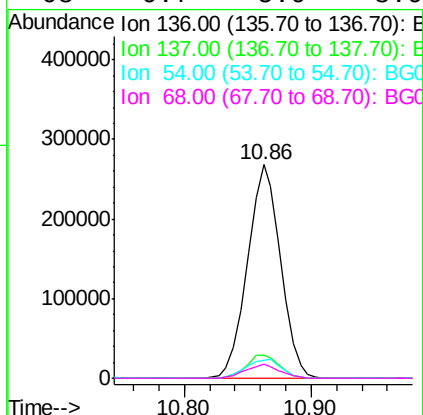
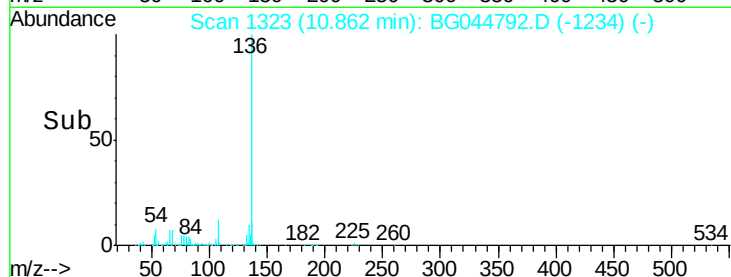
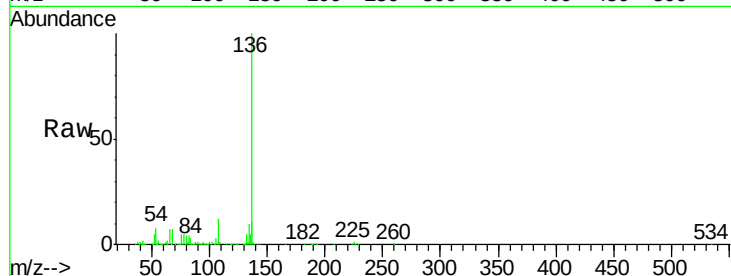




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

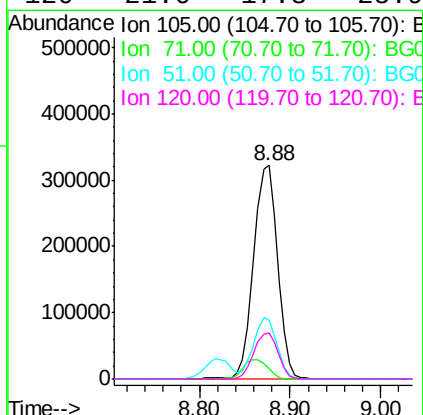
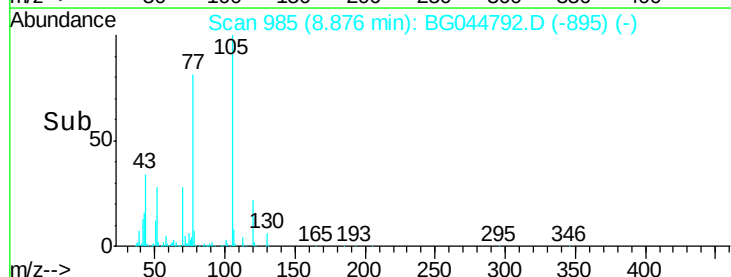
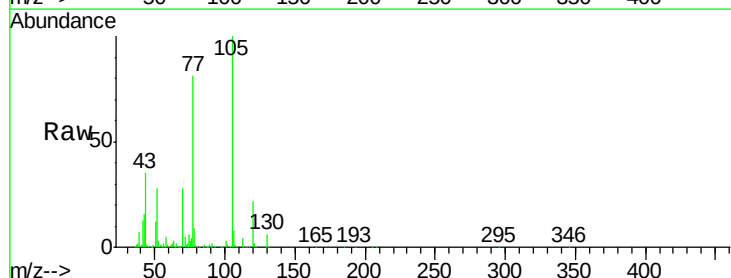
Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

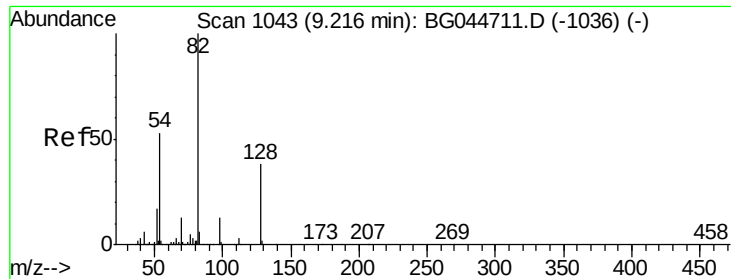
Tgt Ion:	136	Resp:	483958
Ion	Ratio	Lower	Upper
136	100		
137	11.0	10.7	16.1
54	8.5	9.0	13.4#
68	6.7	5.9	8.9



#22
Acetophenone
Concen: 43.44 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion:	105	Resp:	595616
Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.8	8.8#
51	27.7	23.8	35.8
120	21.6	17.3	25.9

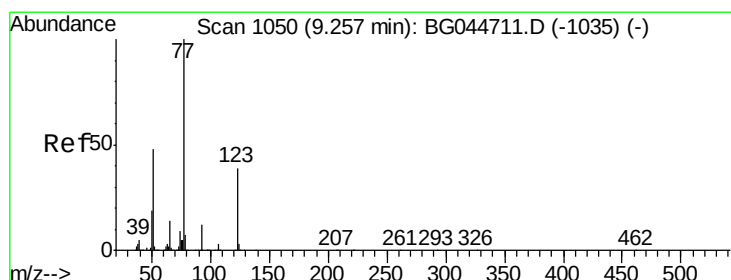
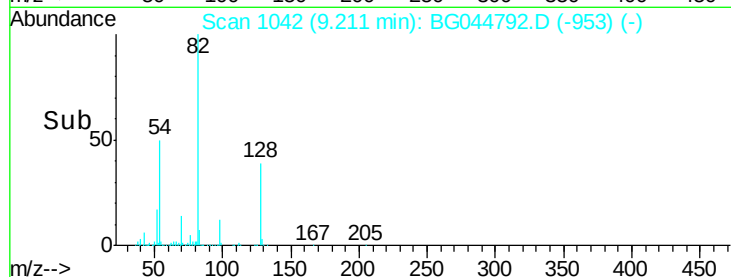
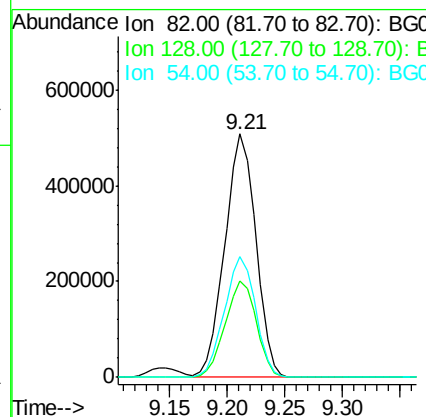
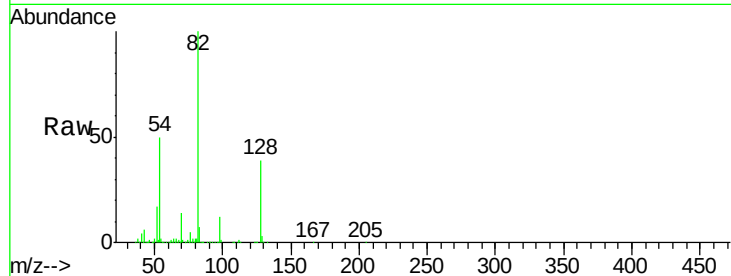




#23
 Nitrobenzene-d5
 Concen: 85.87 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

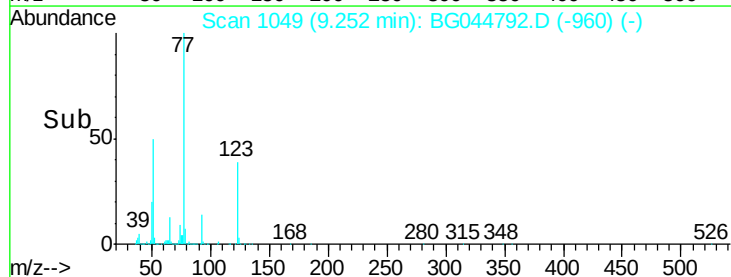
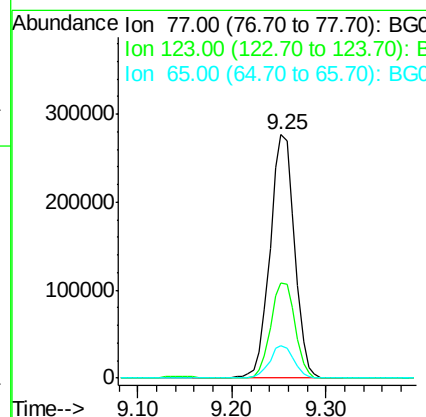
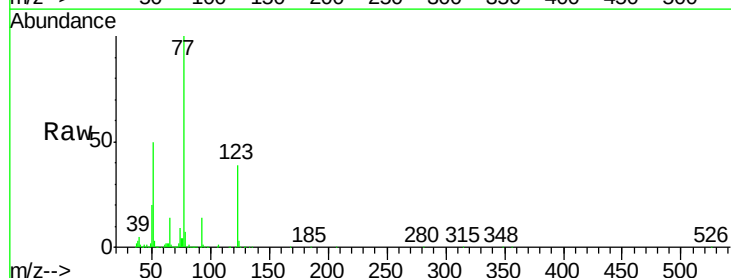
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

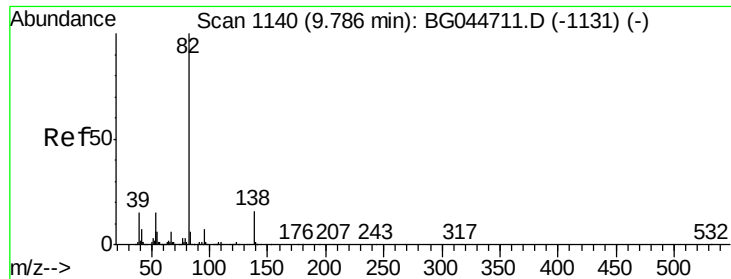
Tgt Ion: 82 Resp: 947081
 Ion Ratio Lower Upper
 82 100
 128 39.4 30.2 45.2
 54 49.8 41.8 62.8



#24
 Nitrobenzene
 Concen: 43.61 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion: 77 Resp: 499073
 Ion Ratio Lower Upper
 77 100
 123 39.2 31.5 47.3
 65 13.5 11.0 16.4





#25

Isophorone

Concen: 43.29 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

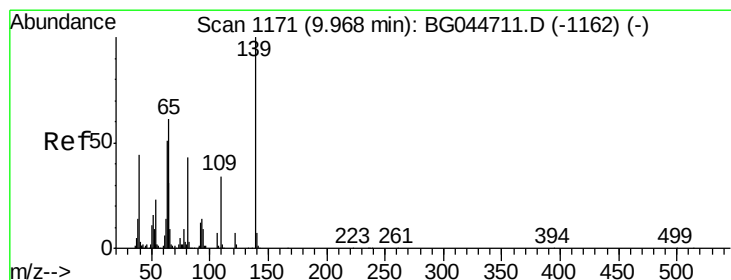
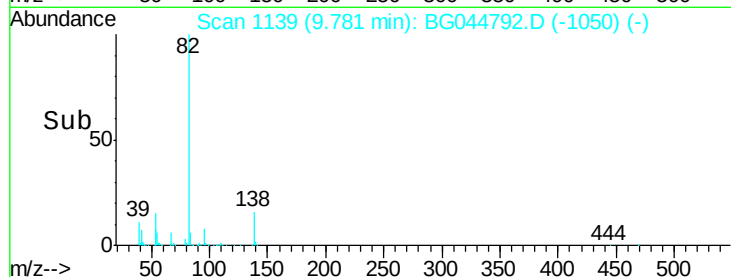
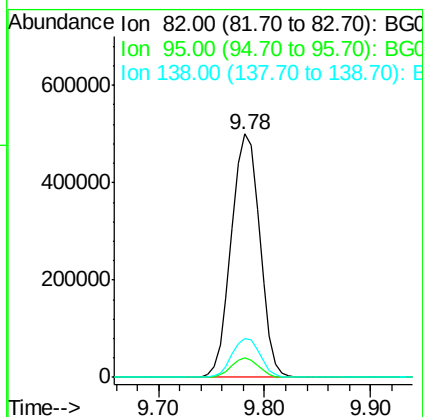
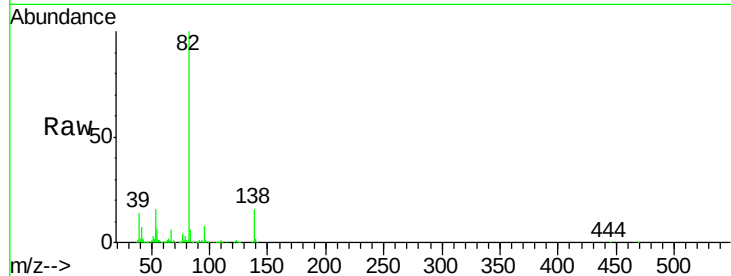
Tgt Ion: 82 Resp: 931769

Ion Ratio Lower Upper

82 100

95 8.1 5.6 8.4

138 15.9 13.0 19.4



#26

2-Nitrophenol

Concen: 53.61 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

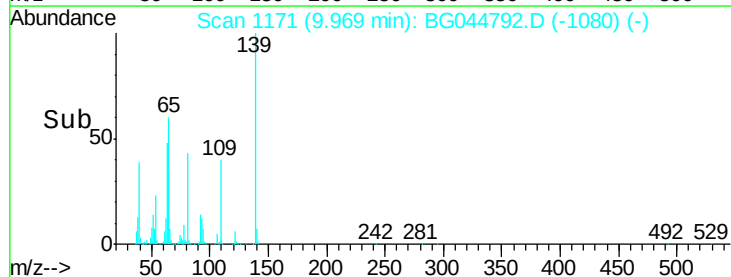
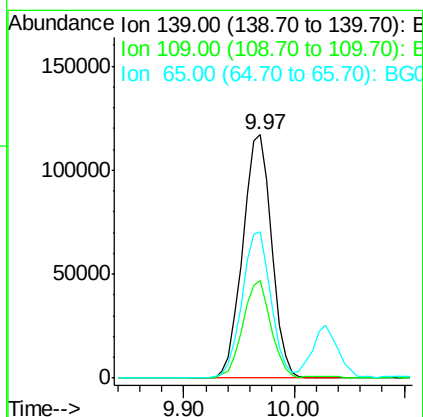
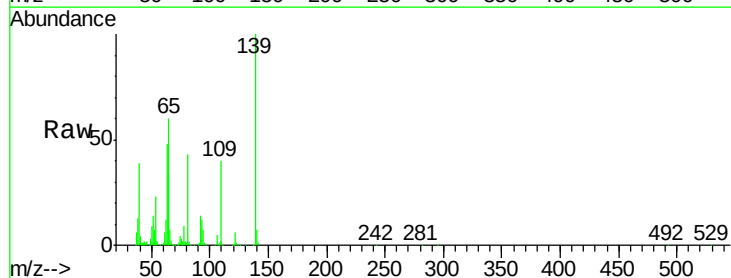
Tgt Ion: 139 Resp: 215878

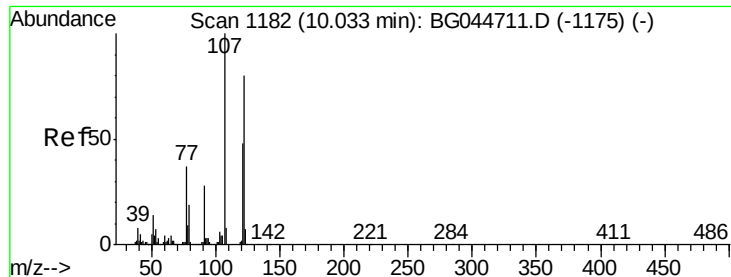
Ion Ratio Lower Upper

139 100

109 39.9 27.0 40.4

65 60.1 48.6 73.0

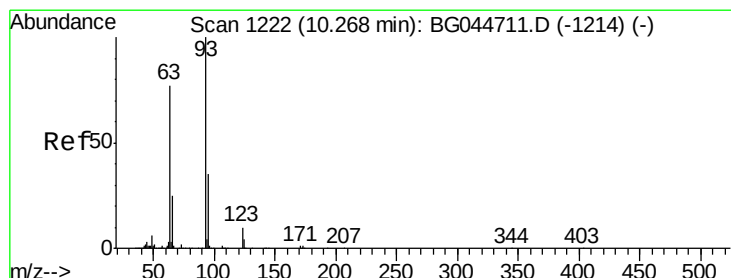
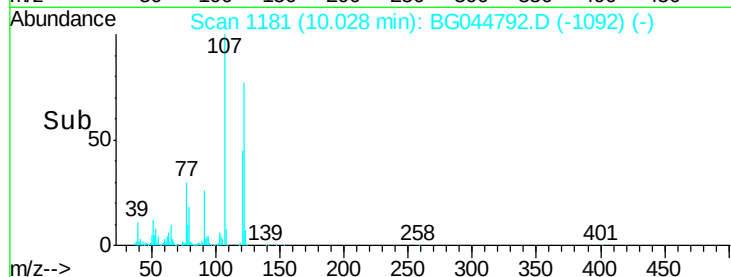
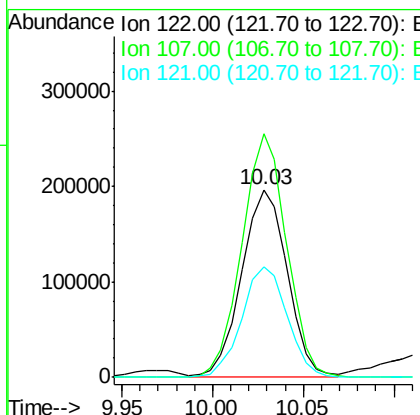
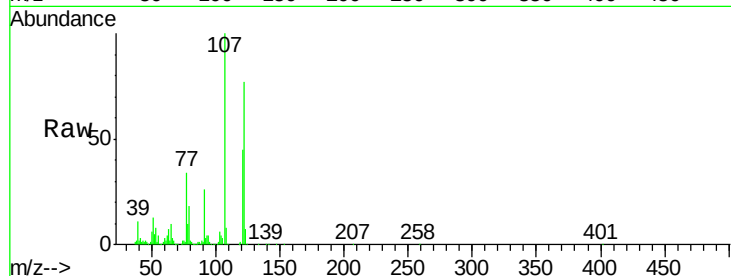




#27
 2,4-Dimethylphenol
 Concen: 48.75 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

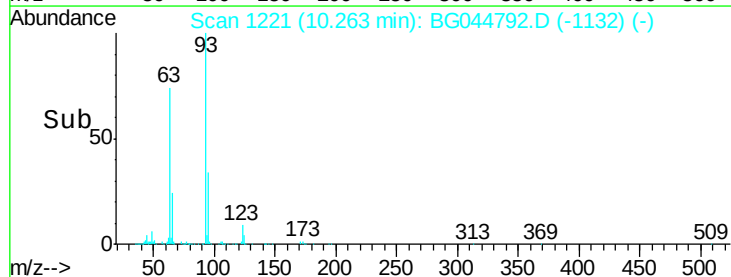
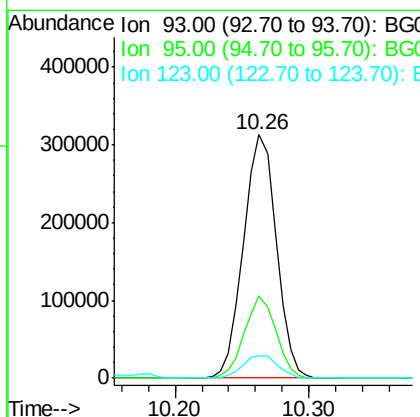
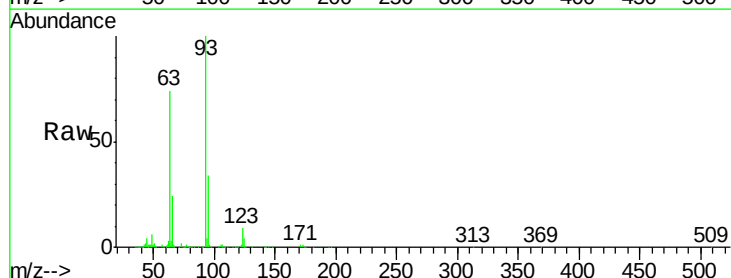
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

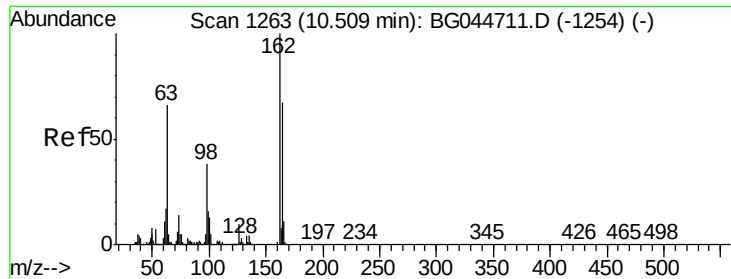
Tgt Ion: 122 Resp: 341704
 Ion Ratio Lower Upper
 122 100
 107 130.0 99.0 148.6
 121 58.9 47.6 71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.39 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion: 93 Resp: 531620
 Ion Ratio Lower Upper
 93 100
 95 33.7 27.7 41.5
 123 9.2 8.1 12.1

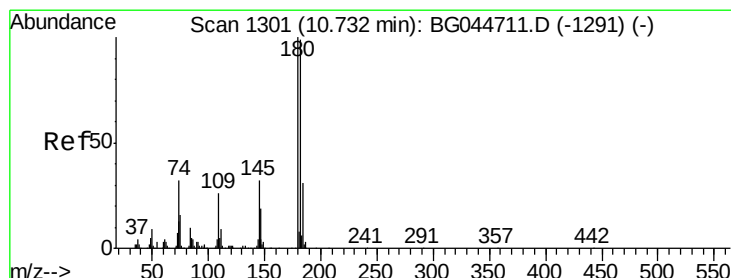
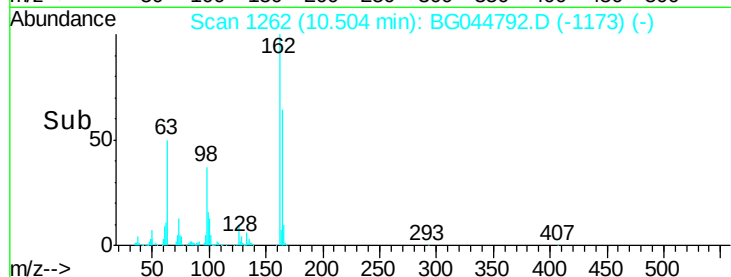
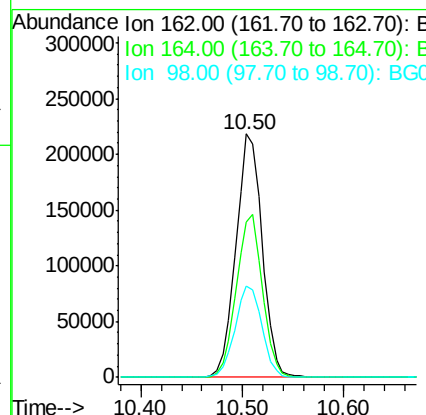
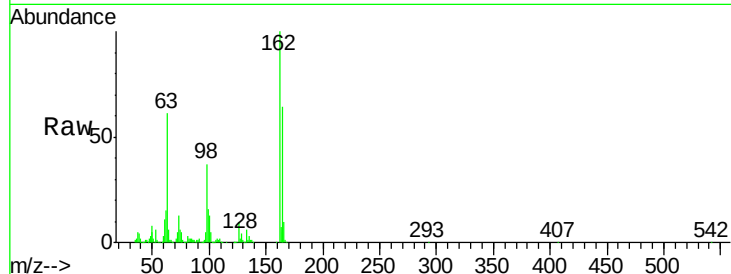




#29
 2,4-Dichlorophenol
 Concen: 47.94 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

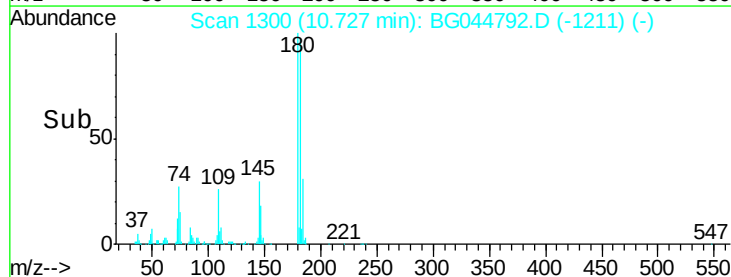
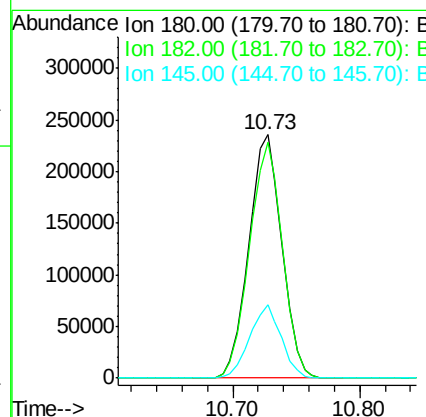
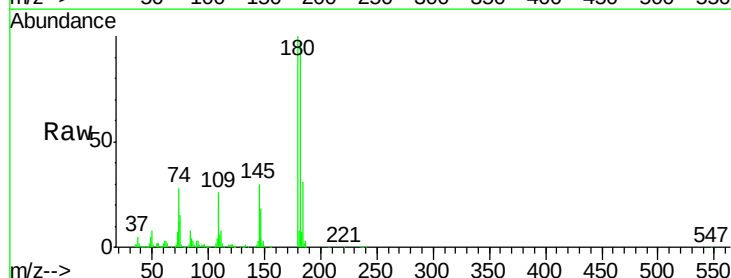
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

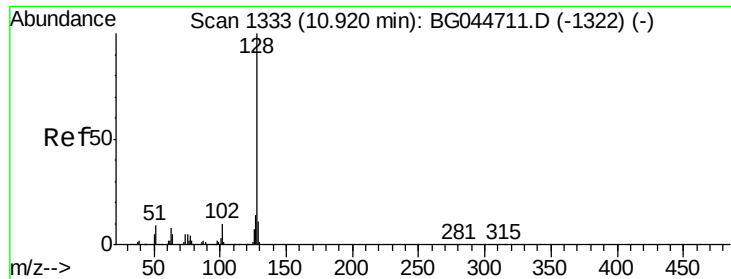
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	46.5	86.5
98	37.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.47 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	78.8	118.2
145	30.2	25.4	38.0

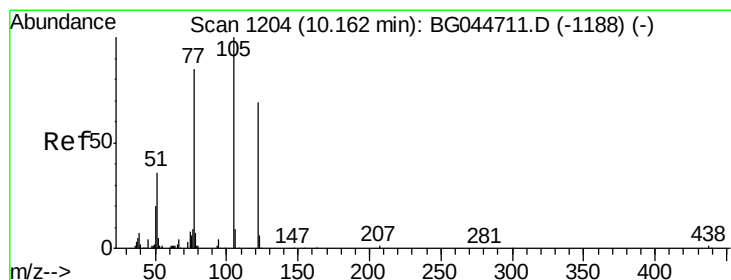
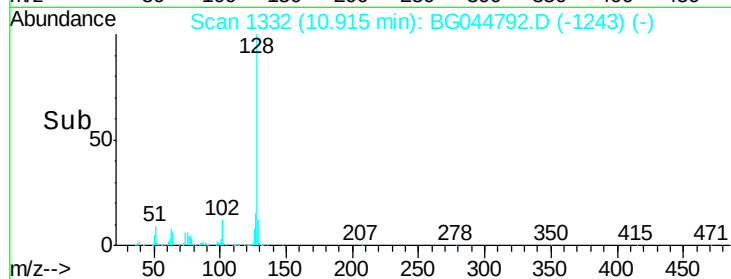
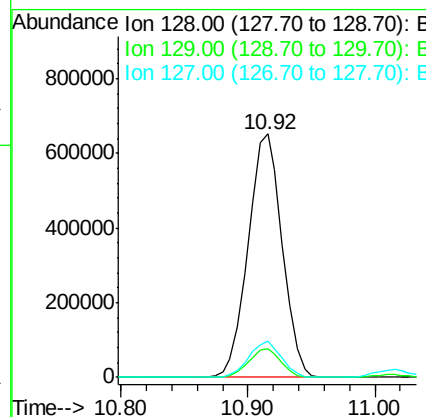
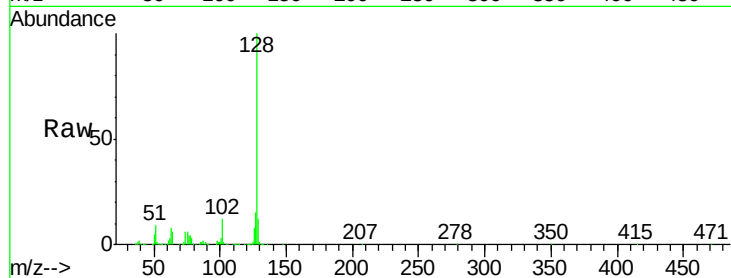




#31
Naphthalene
Concen: 45.16 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

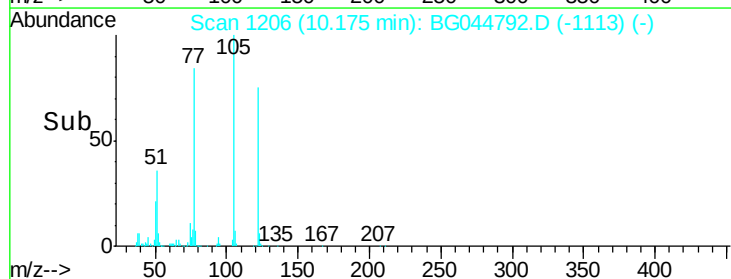
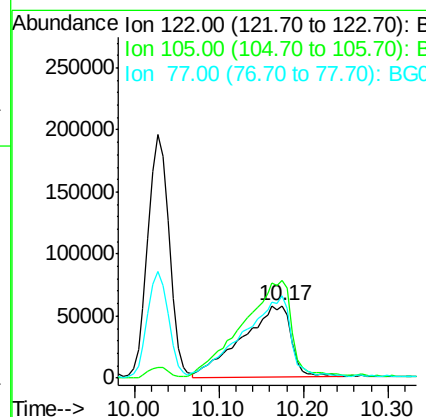
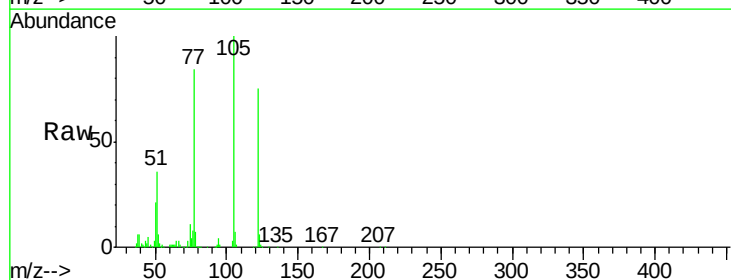
Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

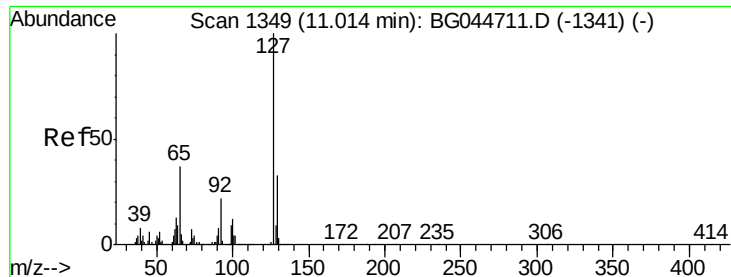
Tgt Ion:128 Resp: 1210762
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.4
127 14.7 11.0 16.6



#32
Benzoic acid
Concen: 43.50 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion:122 Resp: 231358
Ion Ratio Lower Upper
122 100
105 133.9 119.0 159.0
77 113.2 96.4 136.4

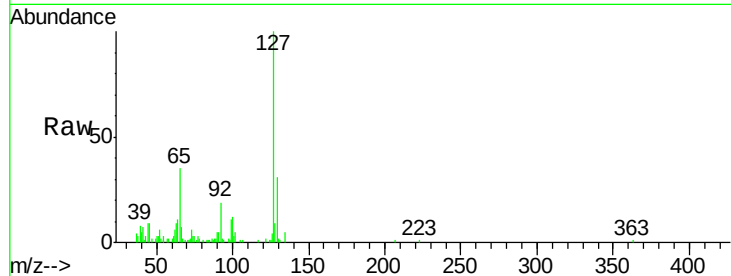




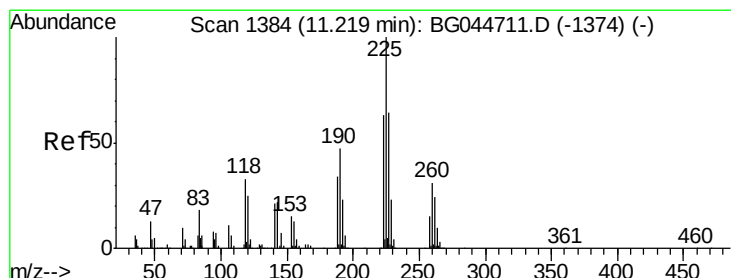
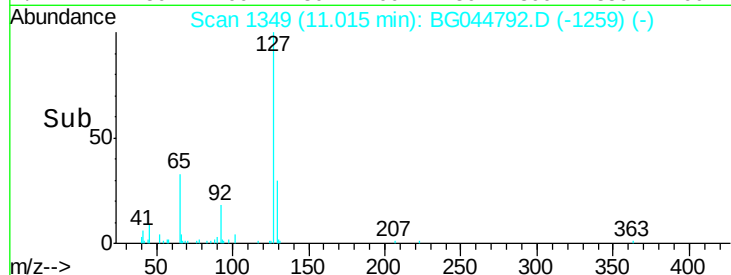
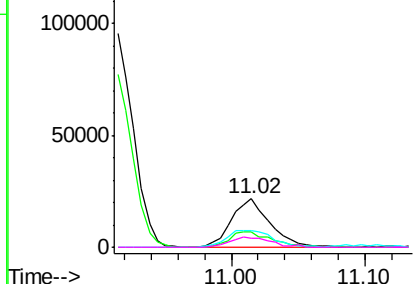
#33
4-Chloroaniline
Concen: 3.62 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tgt Ion:	127	Resp:	43777
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.4
65	34.9	29.6	44.4
92	19.2	17.4	26.0

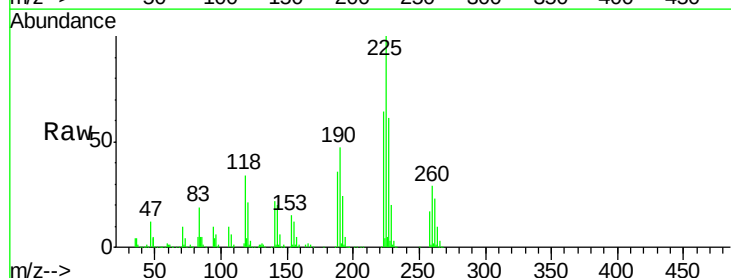


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

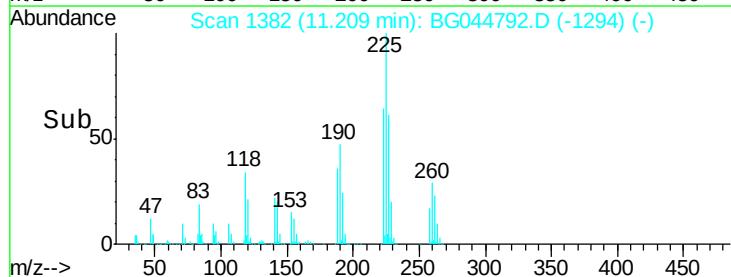
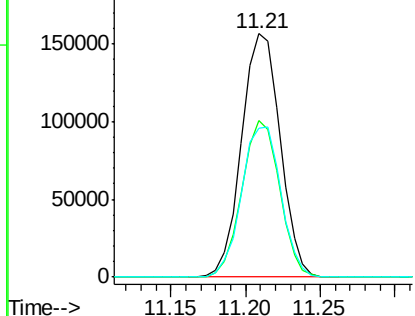


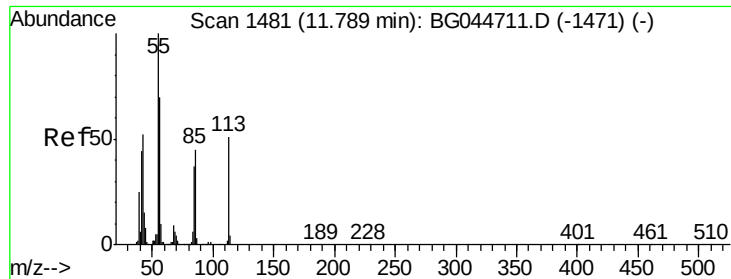
#34
Hexachlorobutadiene
Concen: 43.56 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion:	225	Resp:	280454
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	61.4	51.6	77.4



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

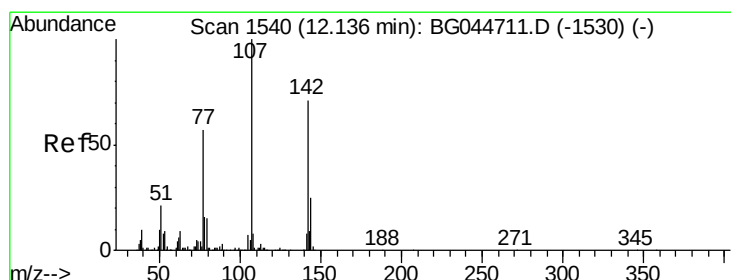
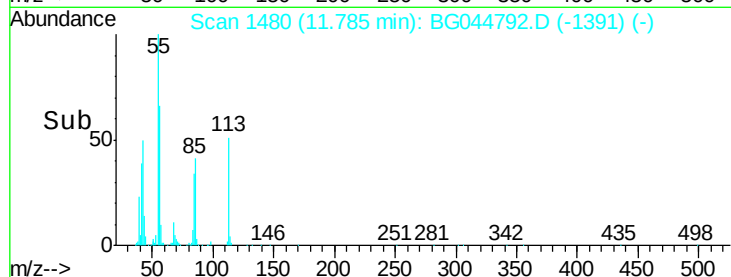
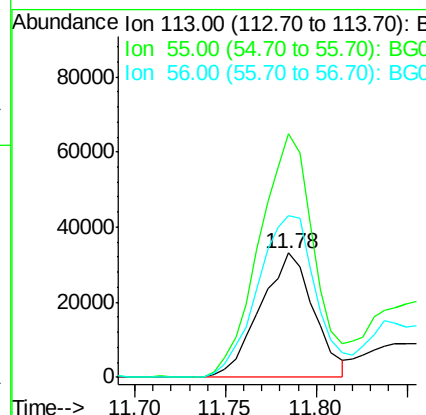
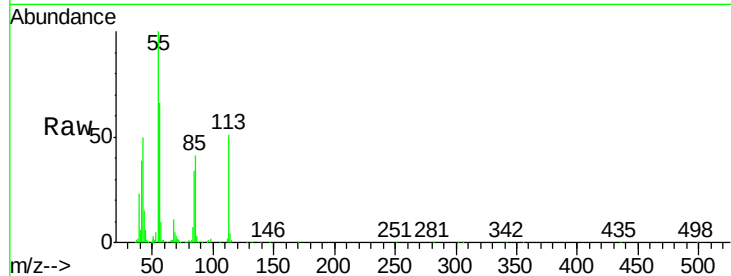




#35
 Caprolactam
 Concen: 21.92 ng
 RT: 11.78 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

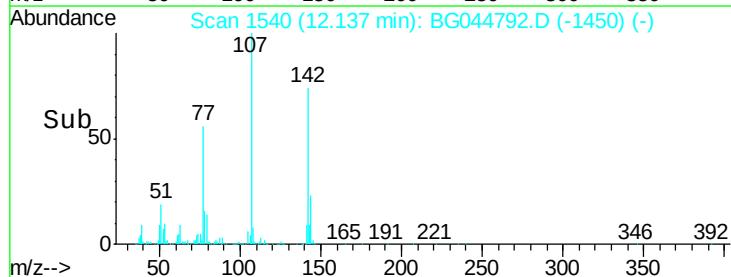
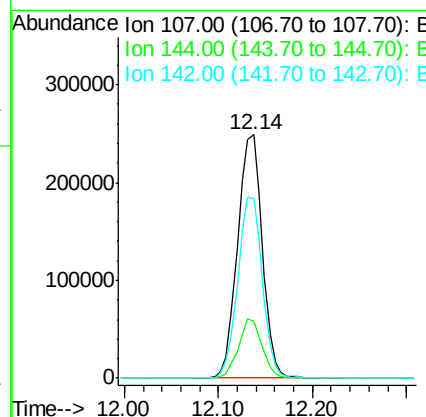
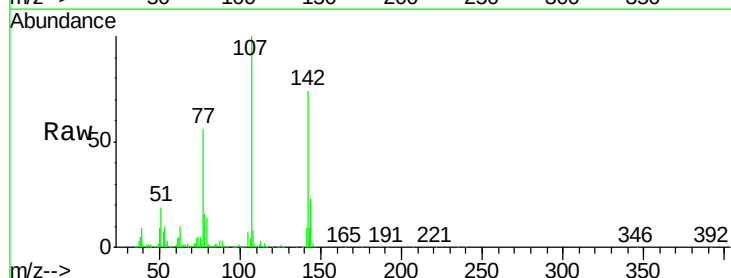
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

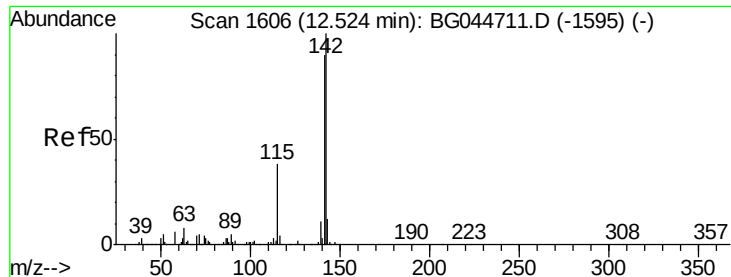
Tgt Ion:113 Resp: 67960
 Ion Ratio Lower Upper
 113 100
 55 195.9 178.4 218.4
 56 130.0 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.53 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion:107 Resp: 454314
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.6 29.4
 142 73.6 56.5 84.7





#37

2-Methylnaphthalene

Concen: 44.00 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

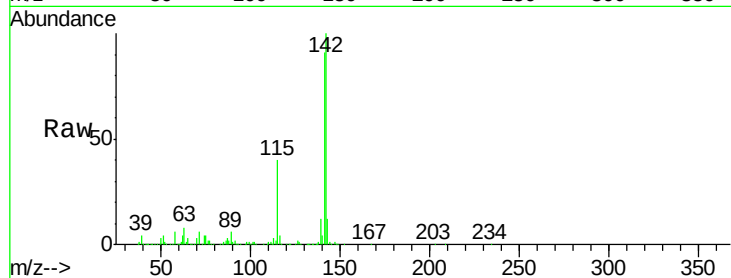
Tgt Ion:142 Resp: 882346

Ion Ratio Lower Upper

142 100

141 90.5 72.3 108.5

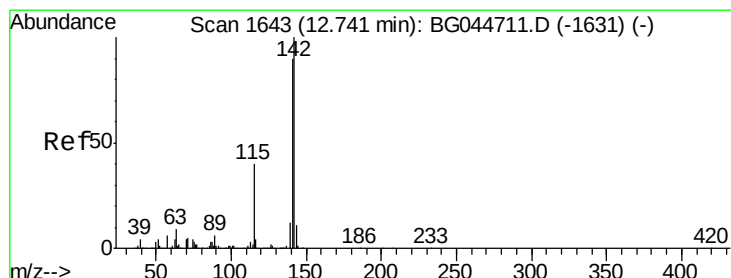
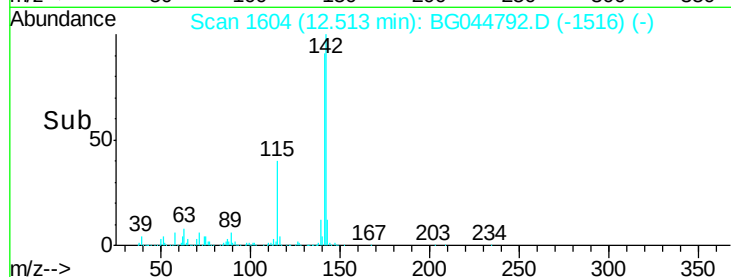
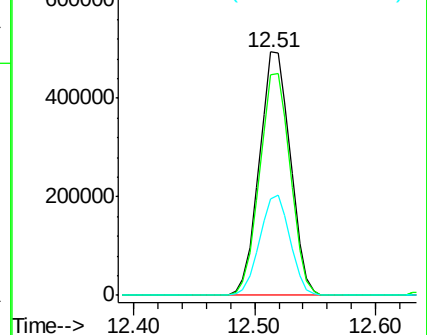
115 39.7 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.50 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

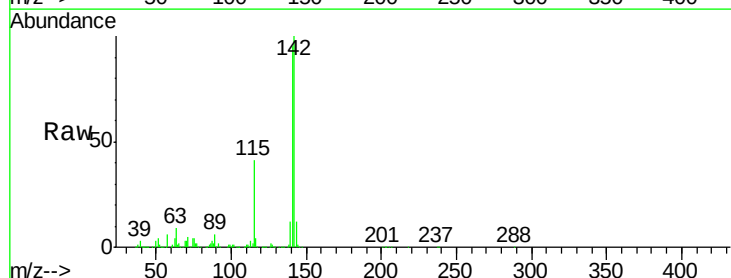
Tgt Ion:142 Resp: 839069

Ion Ratio Lower Upper

142 100

141 94.9 72.2 108.2

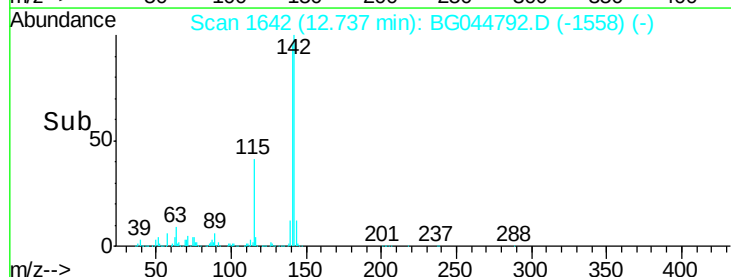
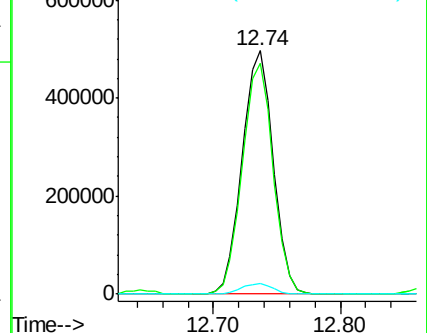
116 4.3 3.5 5.3

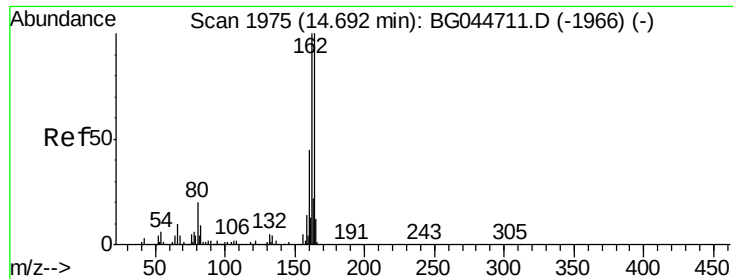


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

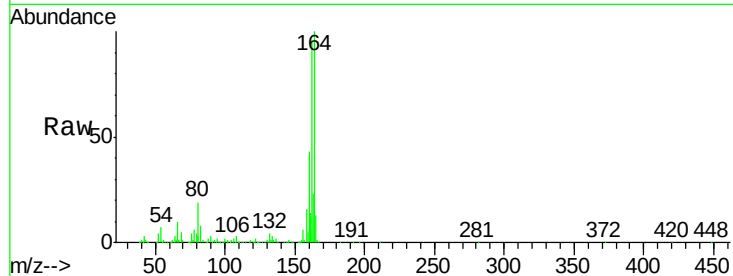
Tgt Ion:164 Resp: 331282

Ion Ratio Lower Upper

164 100

162 95.7 80.2 120.4

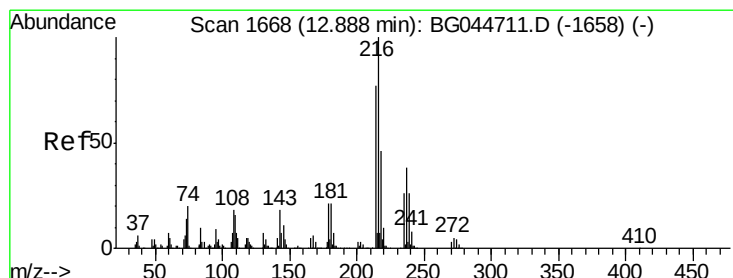
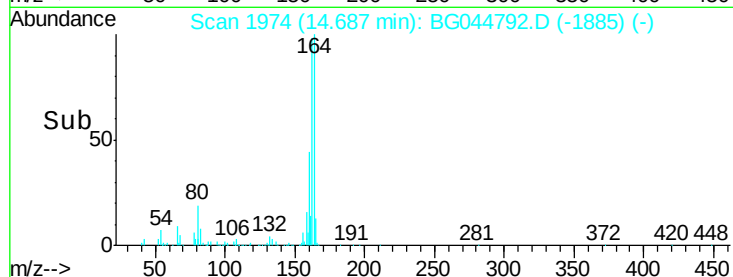
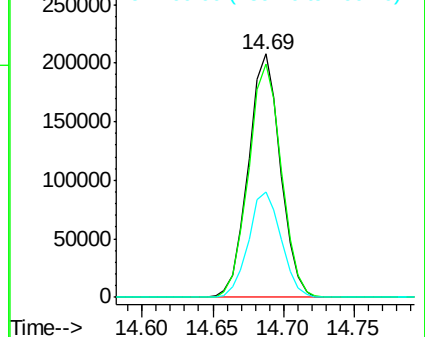
160 43.1 36.2 54.2



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: 44.31 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Tgt Ion:216 Resp: 483472

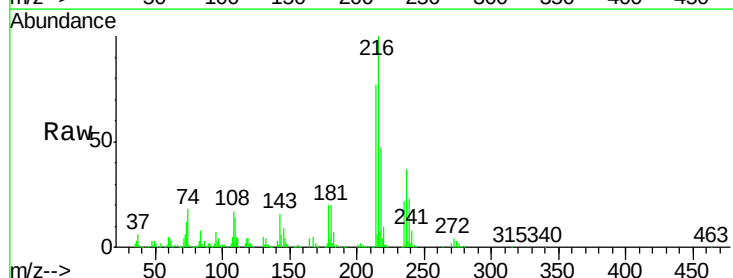
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 20.6 16.6 24.8

108 18.9 15.6 23.4

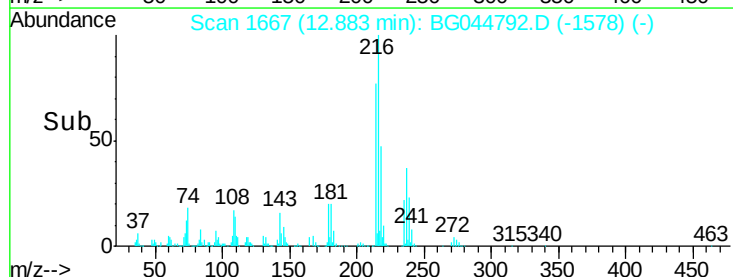
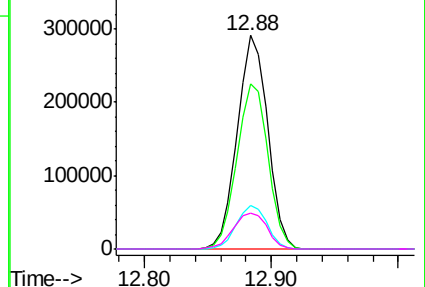


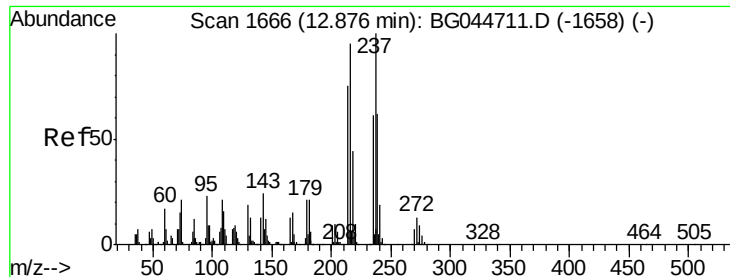
Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.46 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

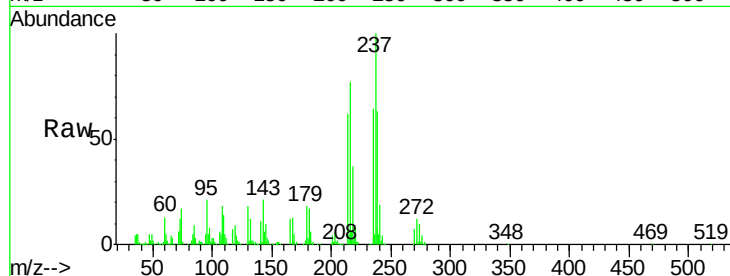
Tgt Ion: 237 Resp: 282991

Ion Ratio Lower Upper

237 100

235 63.7 40.6 80.6

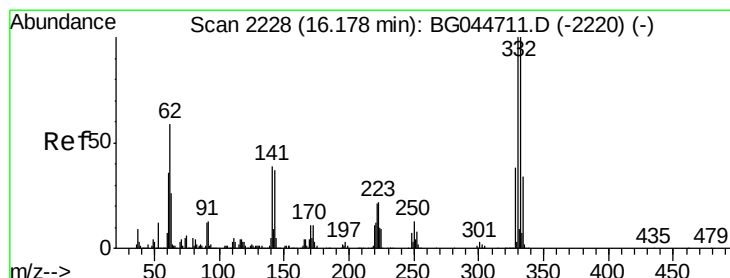
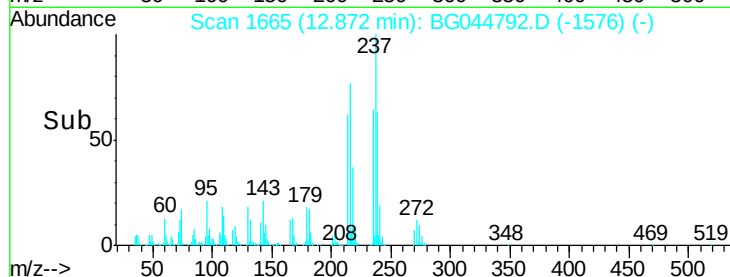
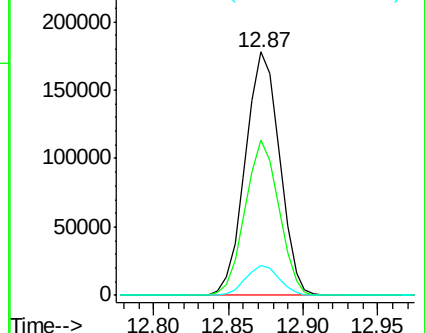
272 12.1 0.0 32.5



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: 132.11 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

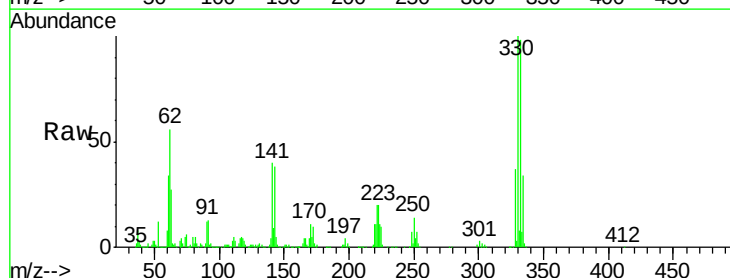
Tgt Ion: 330 Resp: 573046

Ion Ratio Lower Upper

330 100

332 97.7 77.5 116.3

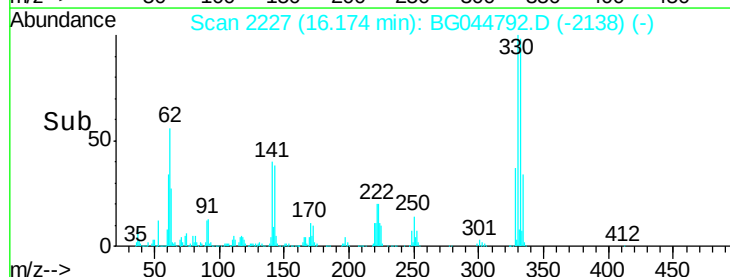
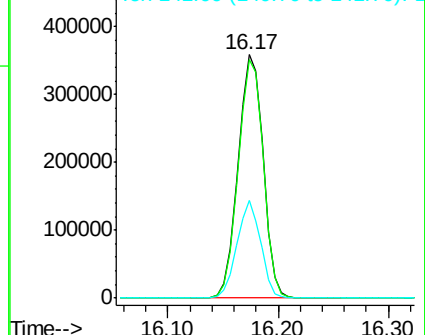
141 37.7 31.7 47.5

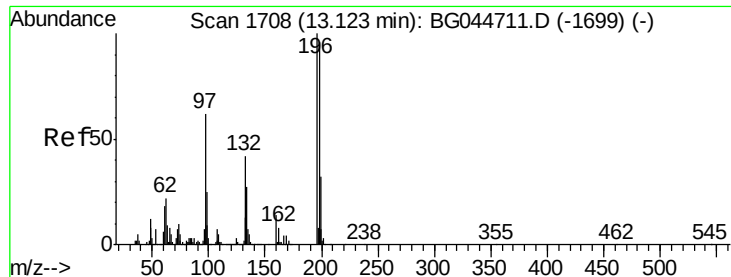


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

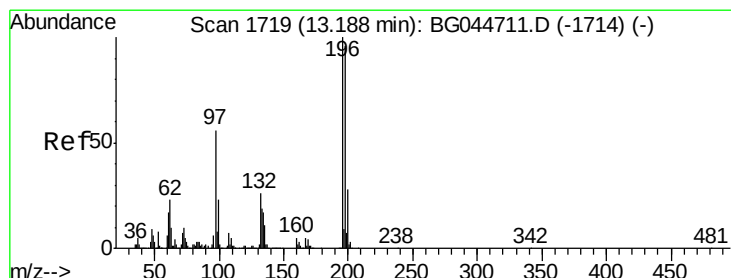
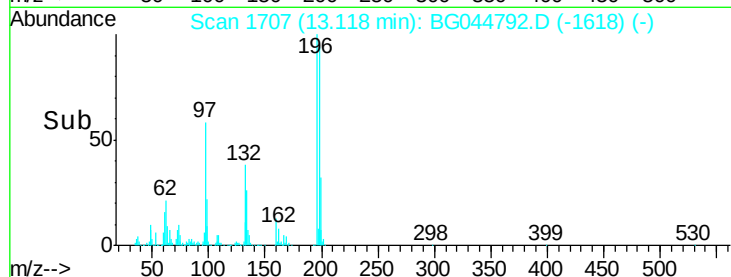
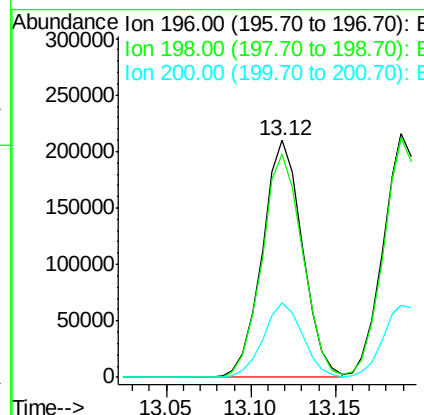
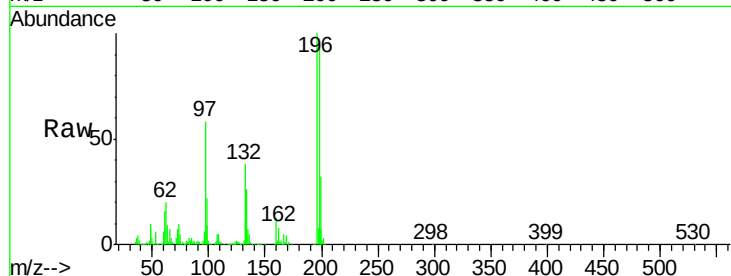




#43
 2,4,6-Trichlorophenol
 Concen: 47.54 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

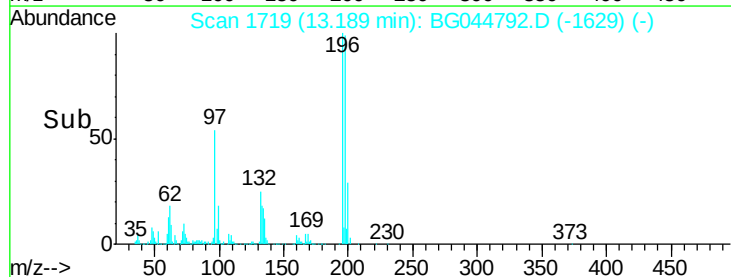
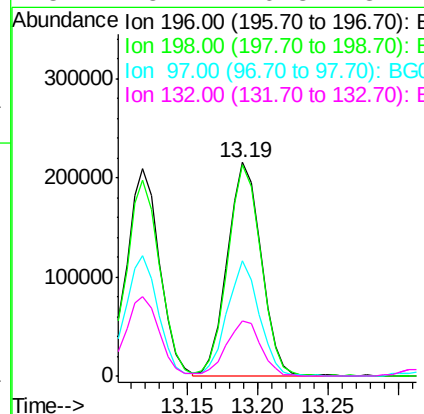
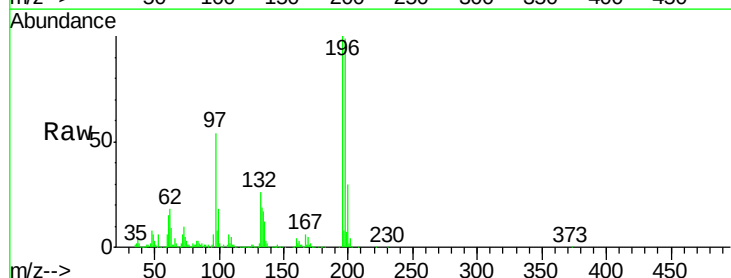
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

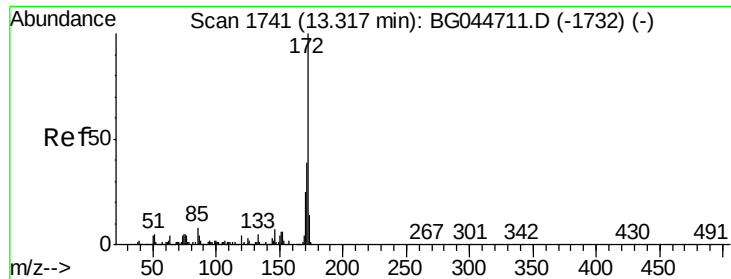
Tgt Ion:196 Resp: 344183
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.5 114.7
 200 31.7 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 47.81 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion:196 Resp: 359012
 Ion Ratio Lower Upper
 196 100
 198 98.6 77.3 115.9
 97 54.0 44.9 67.3
 132 25.7 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 81.79 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

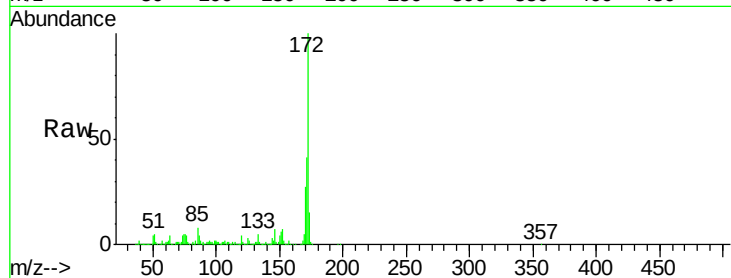
BNA_G

ClientSampleId :

MC5B39MSD

Tgt Ion:172 Resp: 1892190

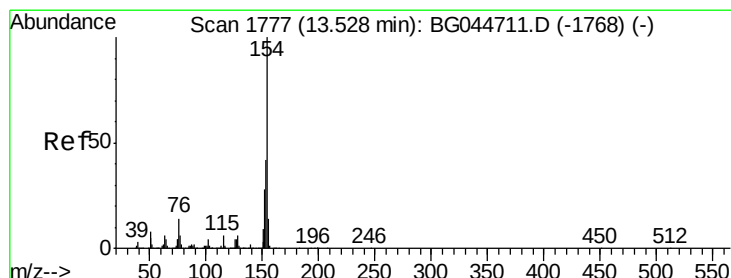
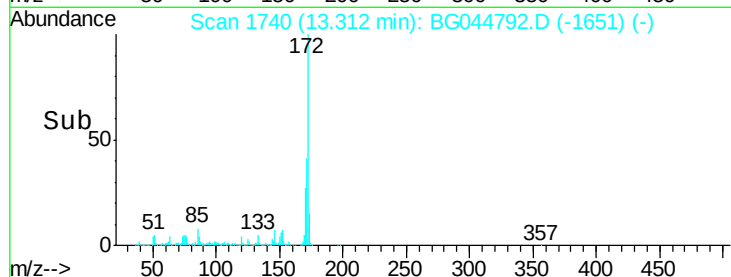
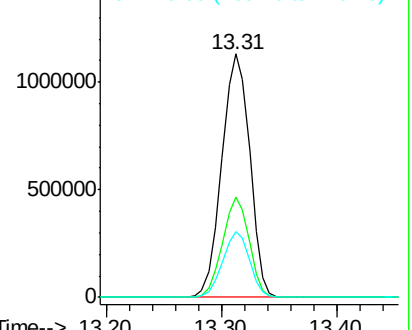
Ion	Ratio	Lower	Upper
172	100		
171	41.0	30.8	46.2
170	26.9	20.0	30.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.49 ng

RT: 13.52 min Scan# 1776

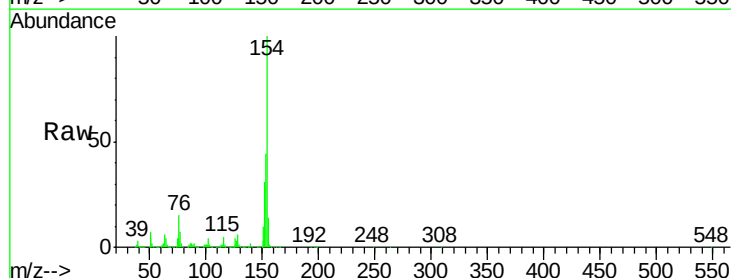
Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Tgt Ion:154 Resp: 1098295

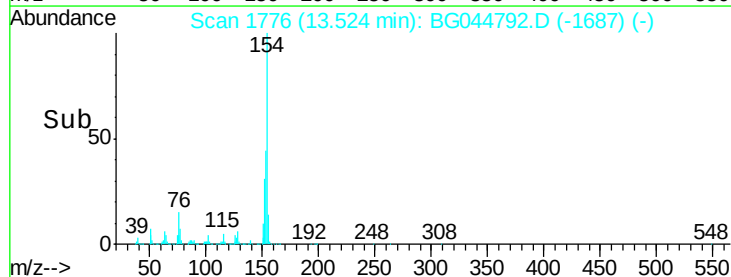
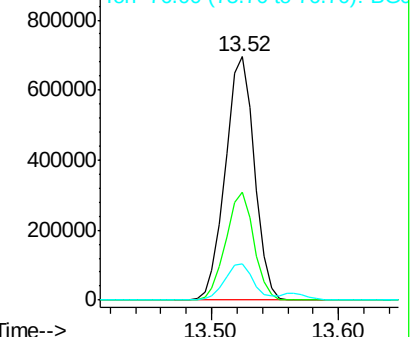
Ion	Ratio	Lower	Upper
154	100		
153	44.2	22.0	62.0
76	14.9	0.0	34.2

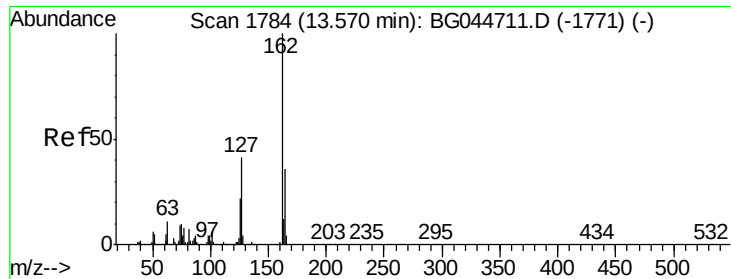


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

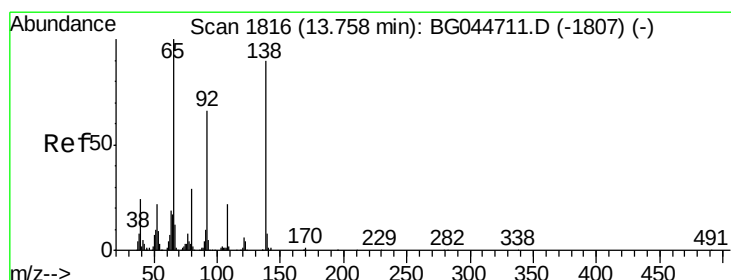
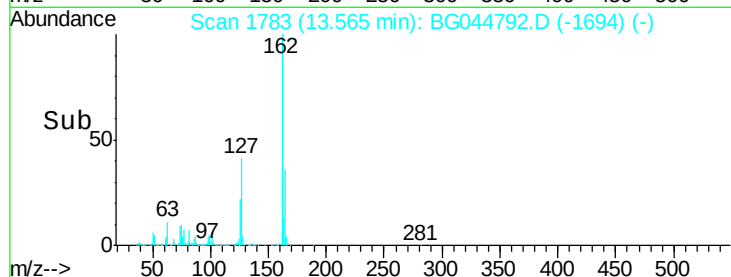
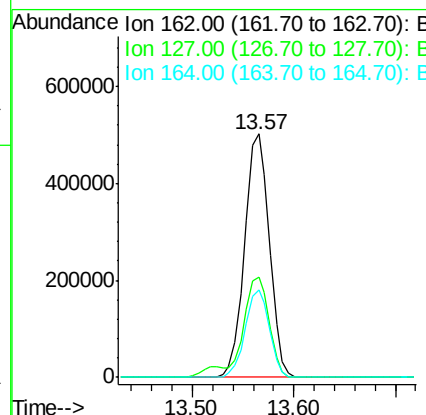
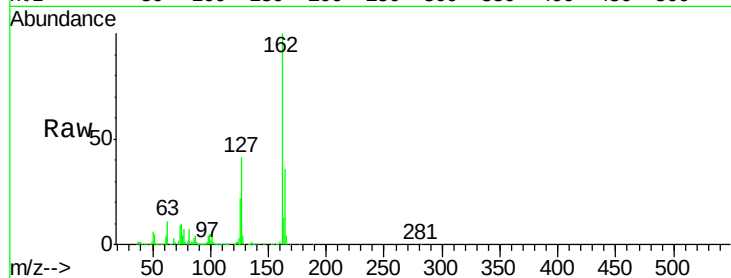




#47
 2-Chloronaphthalene
 Concen: 41.81 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

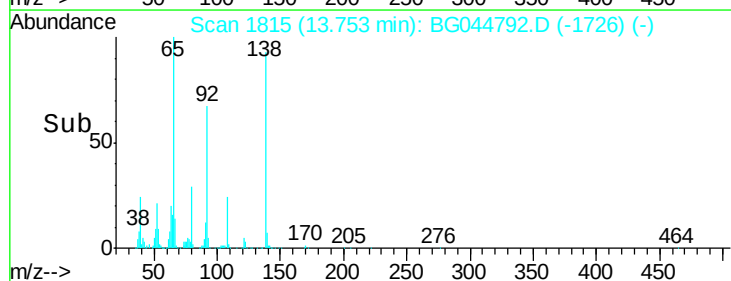
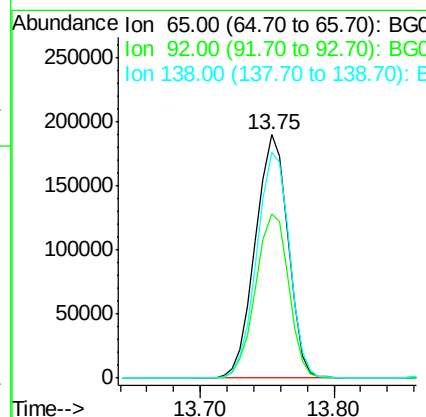
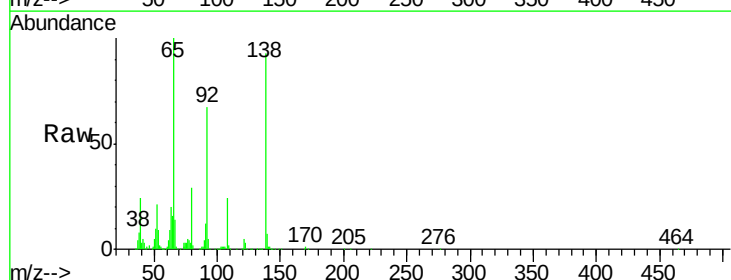
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

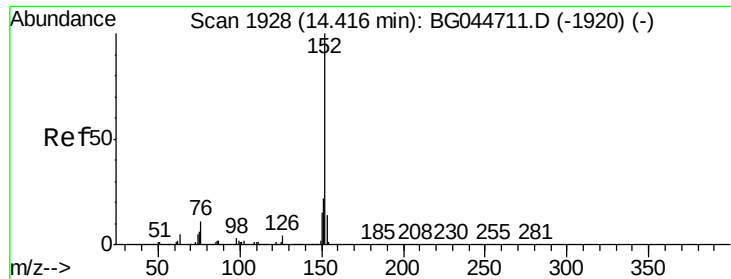
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.6	48.8
164	35.9	29.0	43.4



#48
 2-Nitroaniline
 Concen: 45.47 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	52.6	79.0
138	92.5	71.8	107.6





#49

Acenaphthylene

Concen: 43.48 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

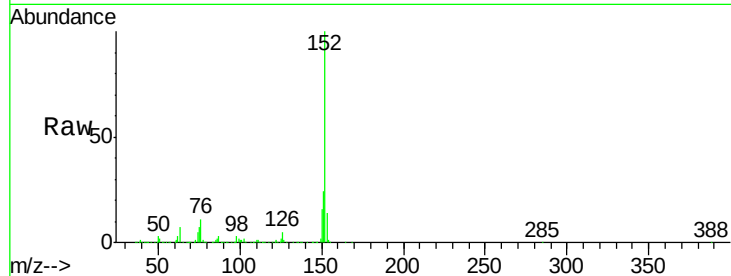
Tgt Ion:152 Resp: 1377454

Ion Ratio Lower Upper

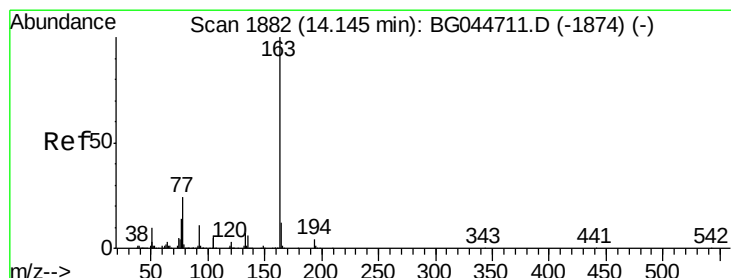
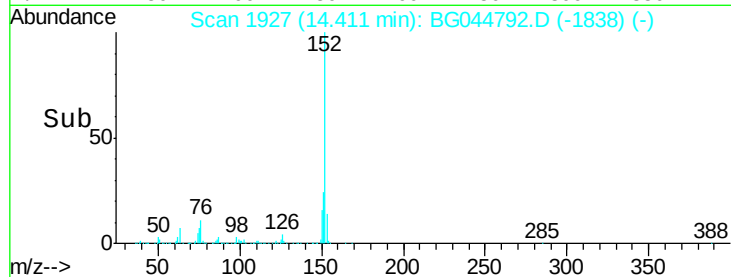
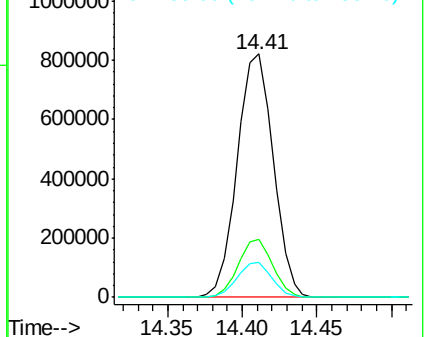
152 100

151 23.7 17.8 26.8

153 14.2 11.4 17.0



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



#50

Dimethylphthalate

Concen: 46.45 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

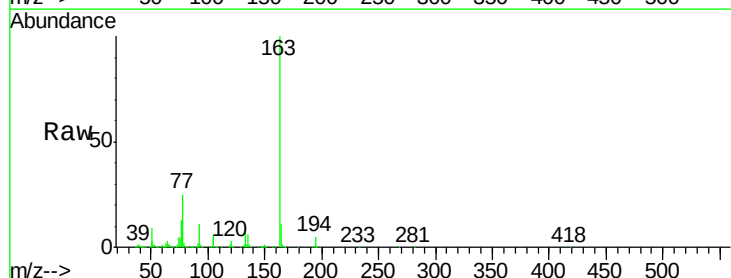
Tgt Ion:163 Resp: 1225488

Ion Ratio Lower Upper

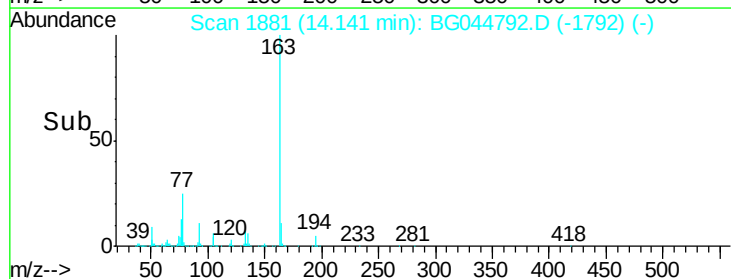
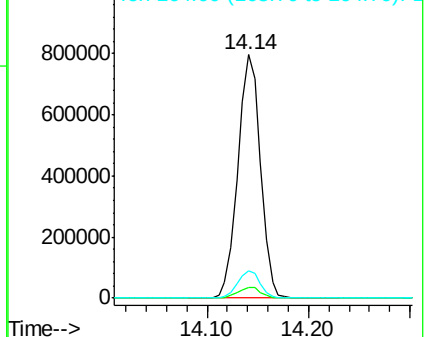
163 100

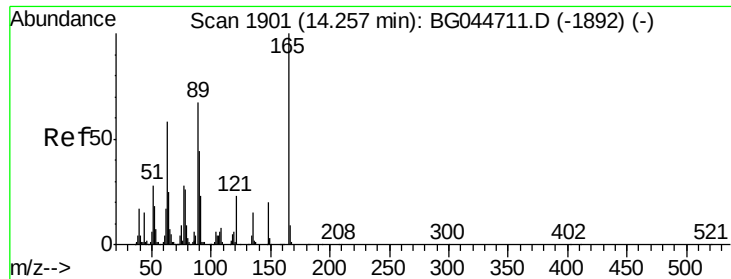
194 4.5 3.5 5.3

164 11.2 9.2 13.8



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: 47.56 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

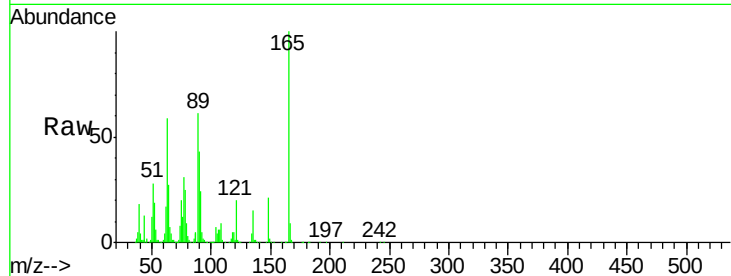
Tgt Ion:165 Resp: 252970

Ion Ratio Lower Upper

165 100

63 58.6 48.9 73.3

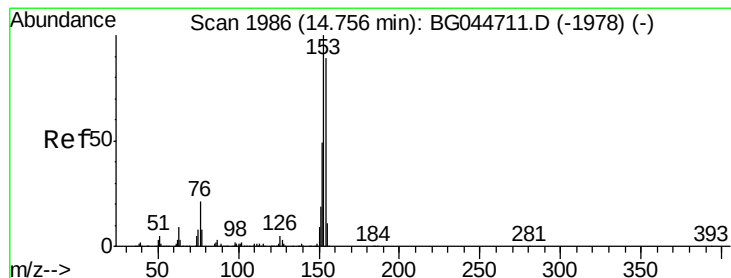
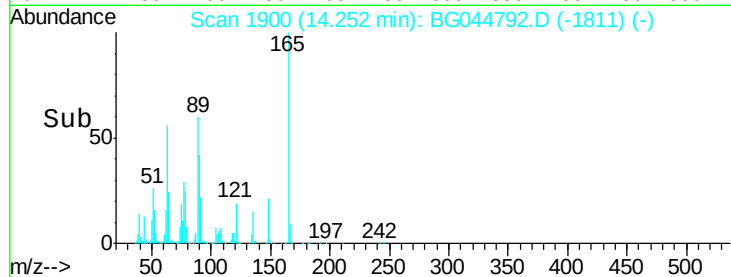
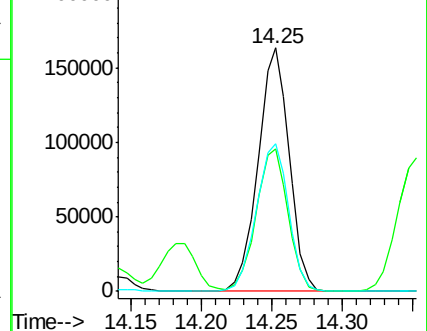
89 60.6 53.8 80.8



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



#52

Acenaphthene

Concen: 43.20 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

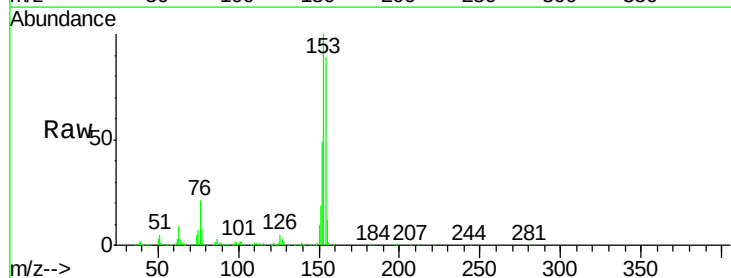
Tgt Ion:154 Resp: 896377

Ion Ratio Lower Upper

154 100

153 112.0 89.8 134.8

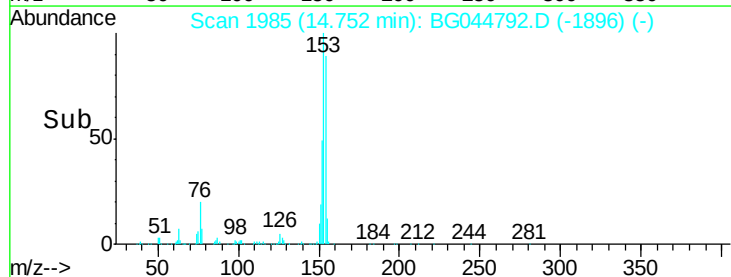
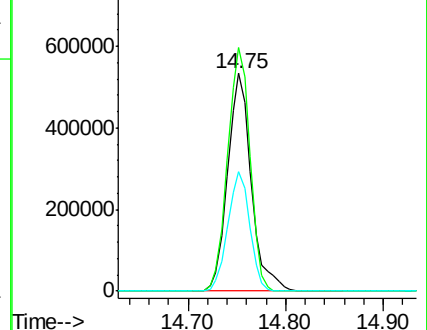
152 54.9 44.4 66.6

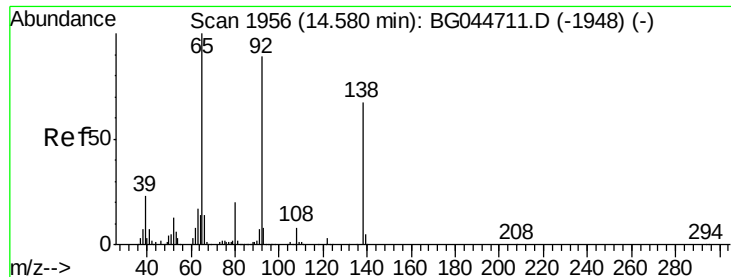


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 15.94 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

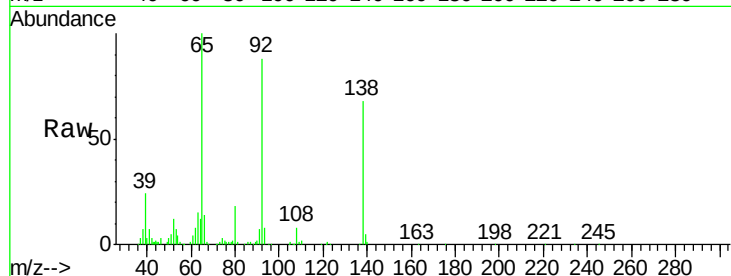
Tgt Ion:138 Resp: 97437

Ion Ratio Lower Upper

138 100

108 11.7 9.2 13.8

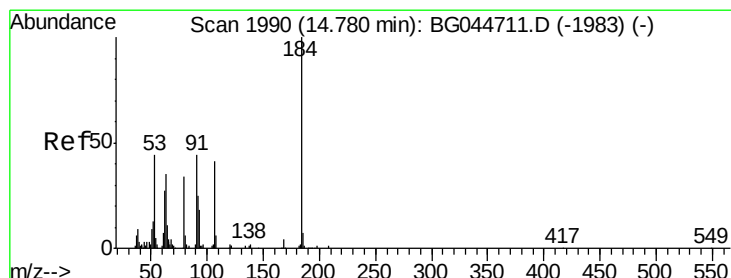
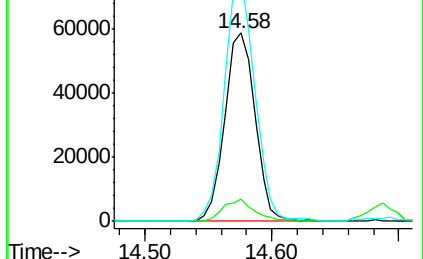
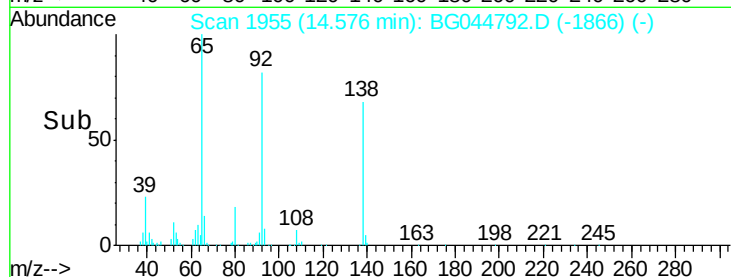
92 129.5 105.6 158.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 41.33 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

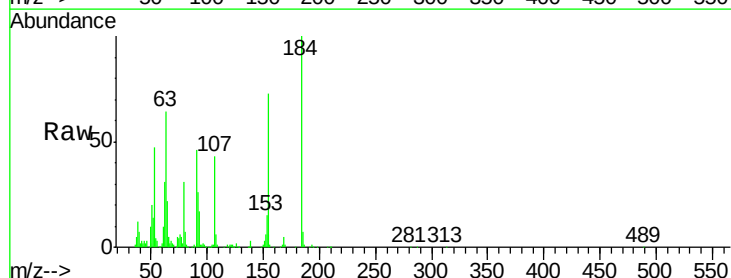
Tgt Ion:184 Resp: 102379

Ion Ratio Lower Upper

184 100

63 63.8 49.0 73.6

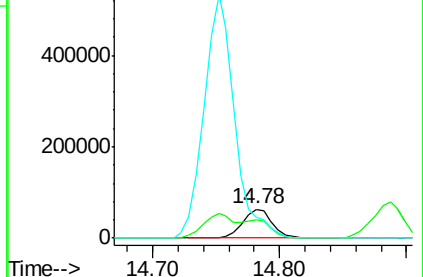
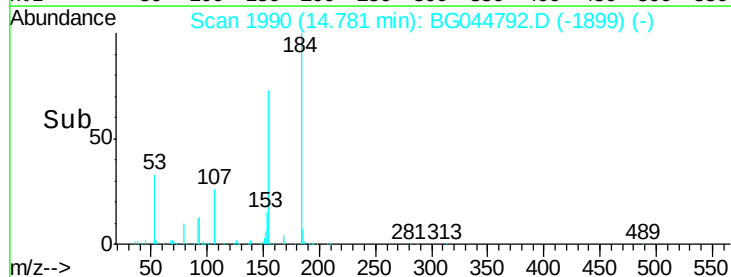
154 73.1 94.5 141.7#

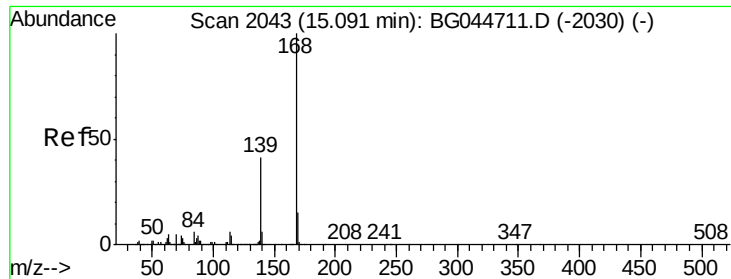


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

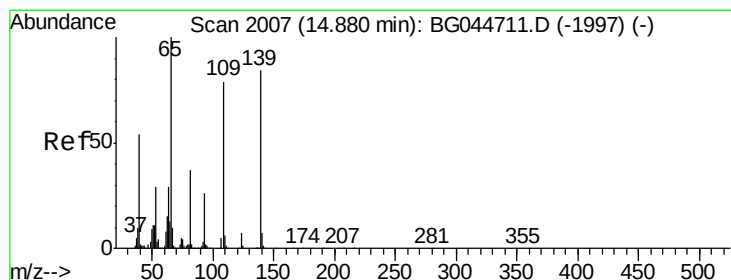
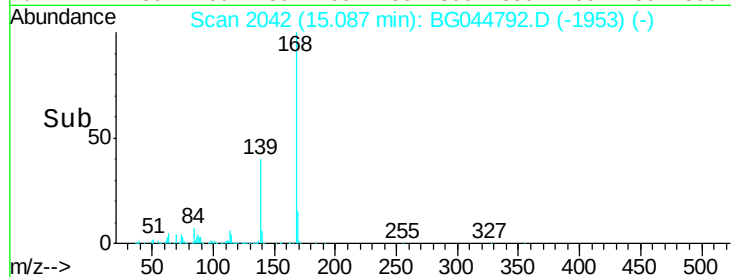
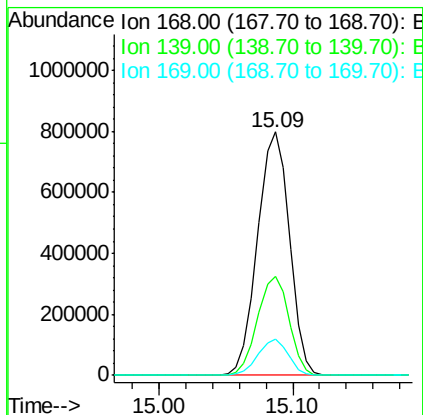
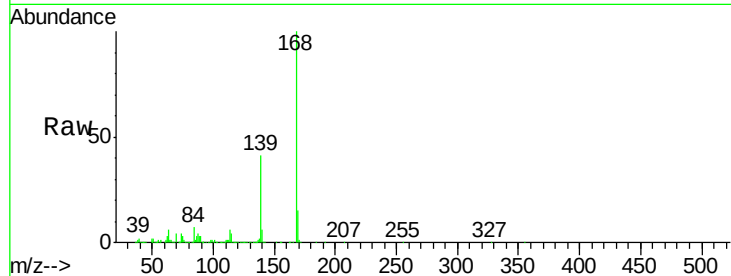




#55
Dibenzofuran
Concen: 43.76 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

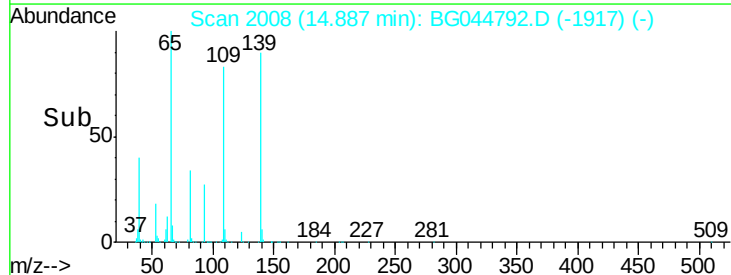
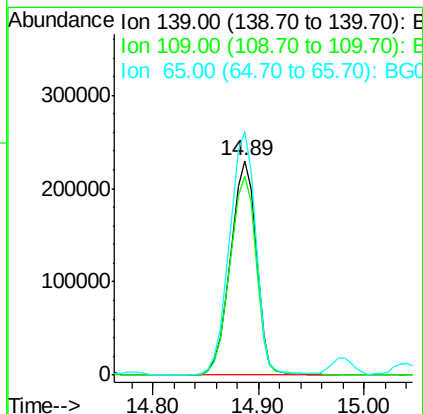
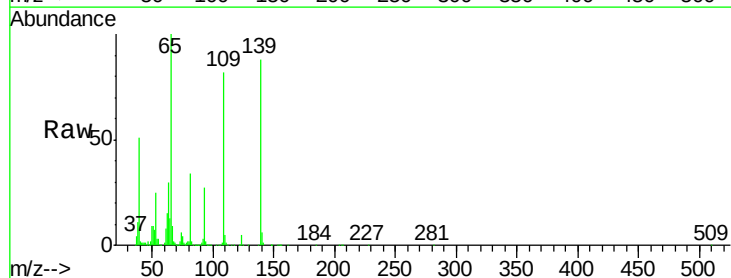
Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

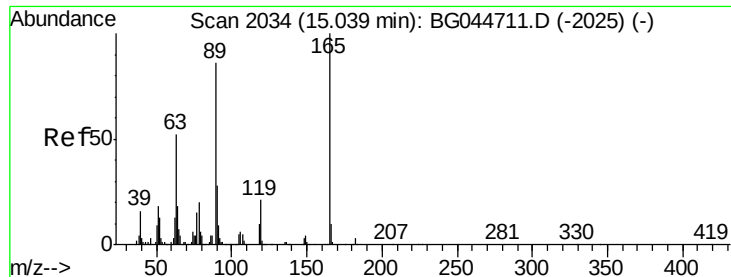
Tgt Ion:168 Resp: 1316786
Ion Ratio Lower Upper
168 100
139 40.8 32.6 49.0
169 14.7 11.8 17.6



#56
4-Nitrophenol
Concen: 83.38 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion:139 Resp: 389089
Ion Ratio Lower Upper
139 100
109 92.7 74.1 114.1
65 113.5 98.6 138.6

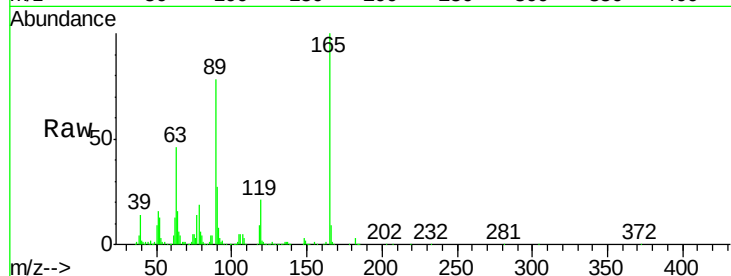




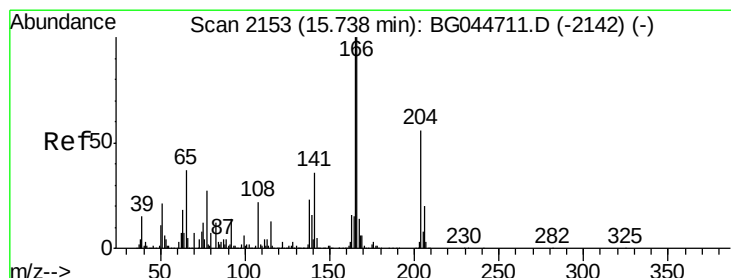
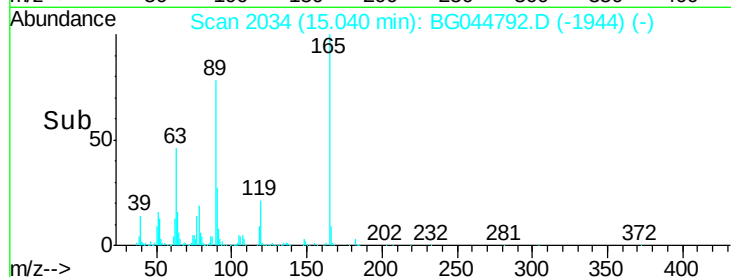
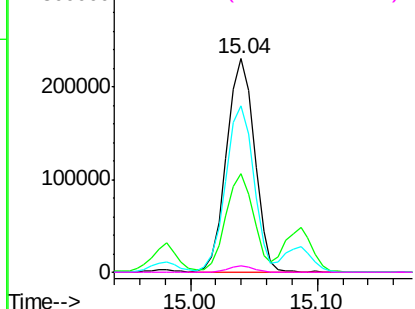
#57
2,4-Dinitrotoluene
Concen: 48.23 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tgt Ion:165 Resp: 351814
Ion Ratio Lower Upper
165 100
63 46.1 41.5 62.3
89 77.8 69.0 103.4
182 2.9 2.7 4.1

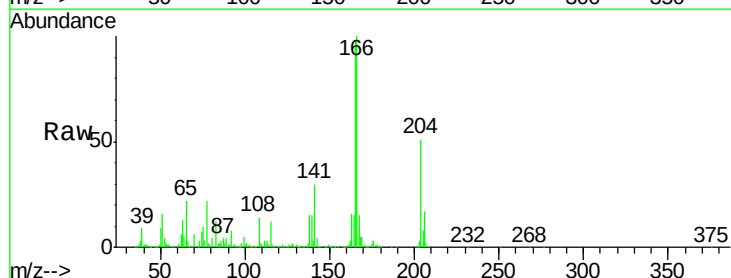


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

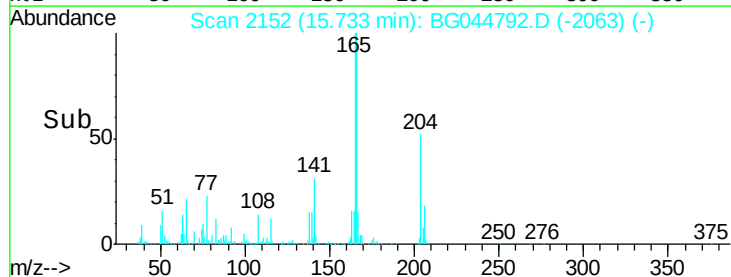
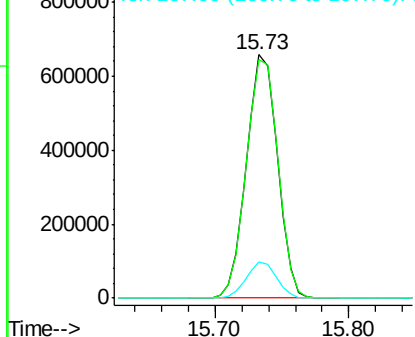


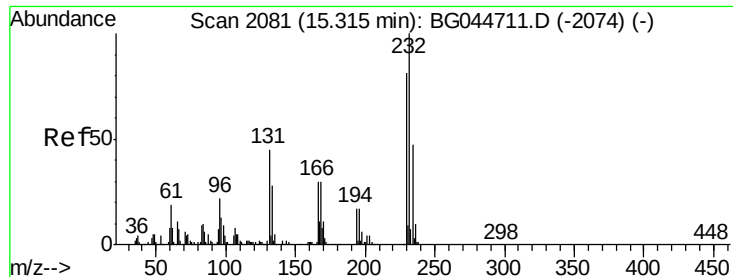
#58
Fluorene
Concen: 42.65 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion:166 Resp: 1055678
Ion Ratio Lower Upper
166 100
165 97.7 79.6 119.4
167 15.1 11.4 17.2



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

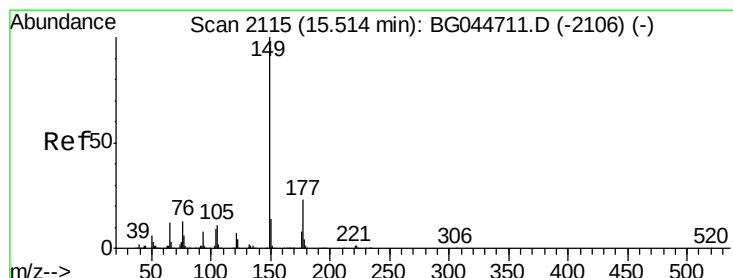
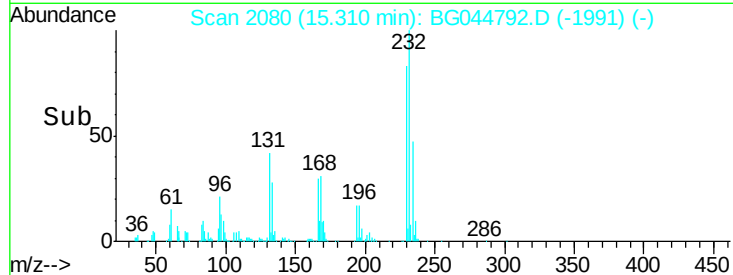
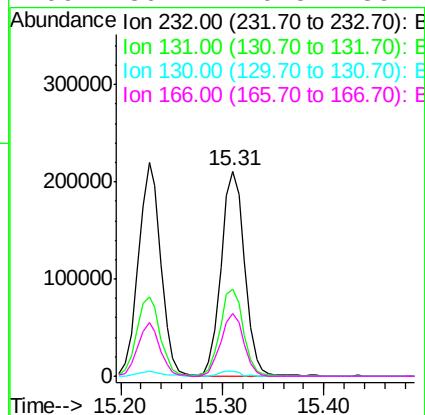
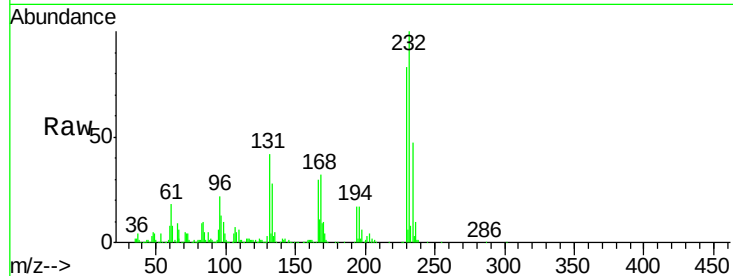




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.82 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

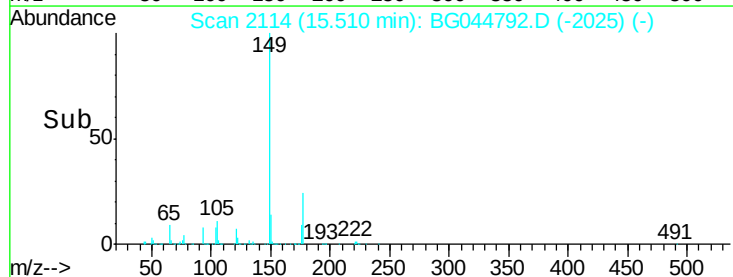
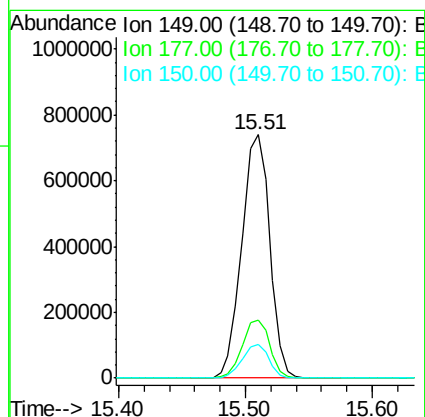
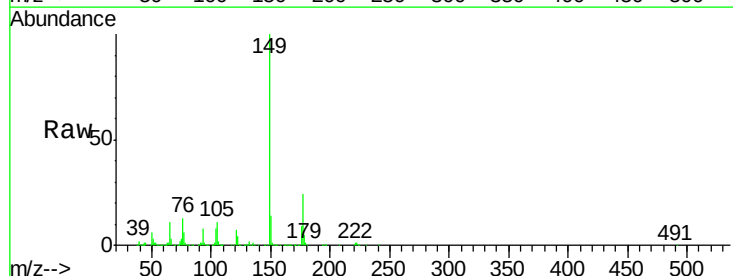
Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

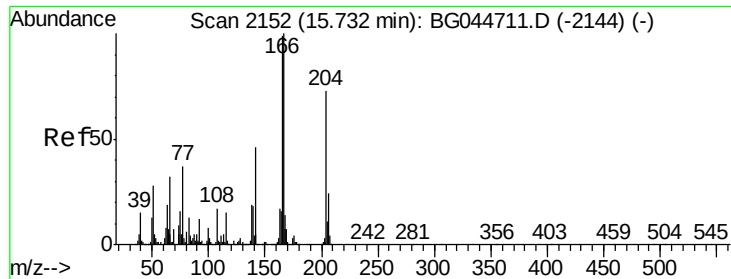
Tgt Ion:	232	Resp:	337501
Ion	Ratio	Lower	Upper
232	100		
131	42.0	32.4	48.6
130	2.2	2.0	3.0
166	30.1	20.5	30.7



#60
Diethylphthalate
Concen: 41.19 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion:	149	Resp:	1133445
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.8	28.2
150	14.0	11.2	16.8

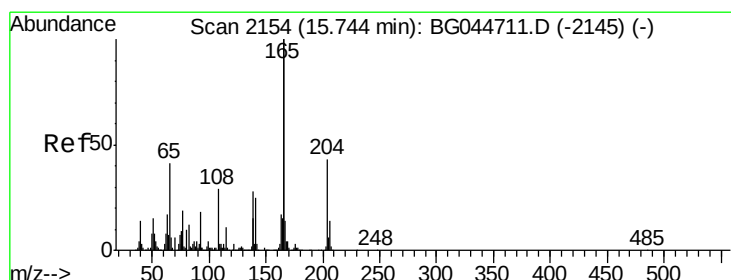
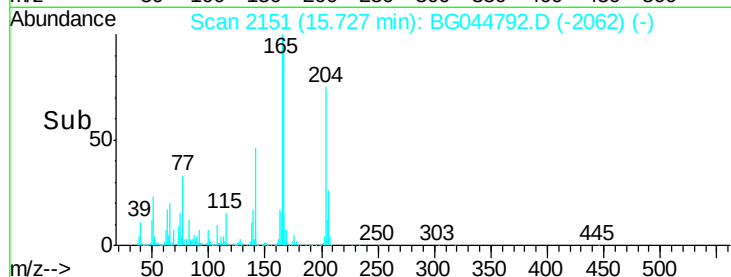
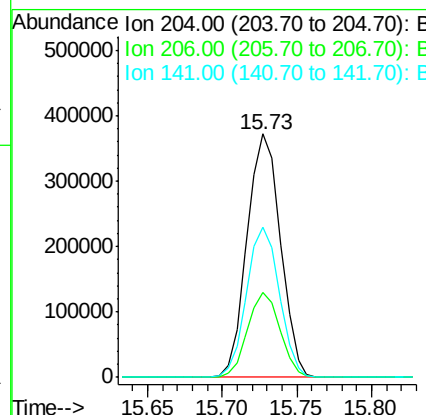
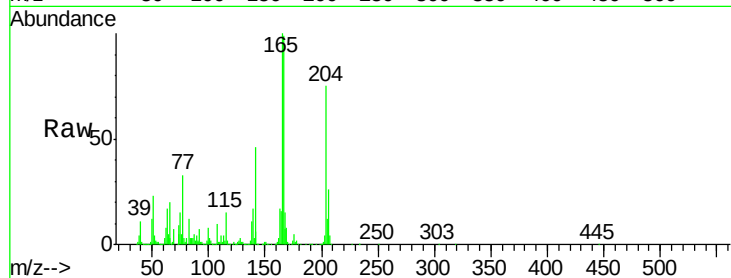




#61
 4-Chlorophenyl-phenylether
 Concen: 43.14 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

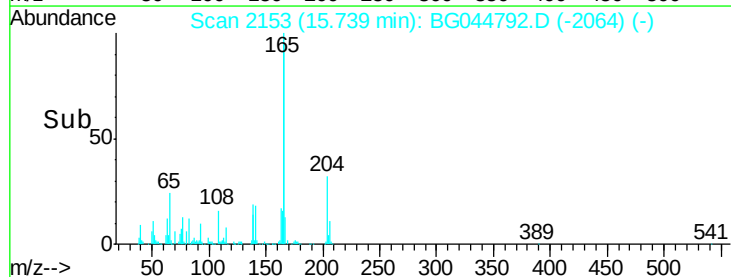
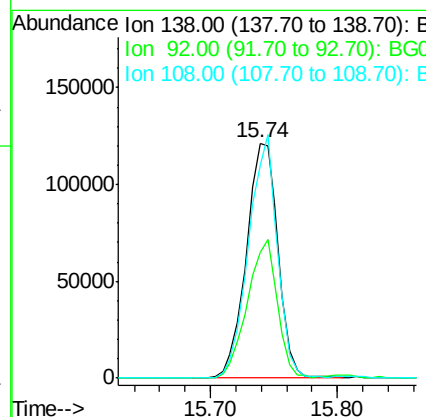
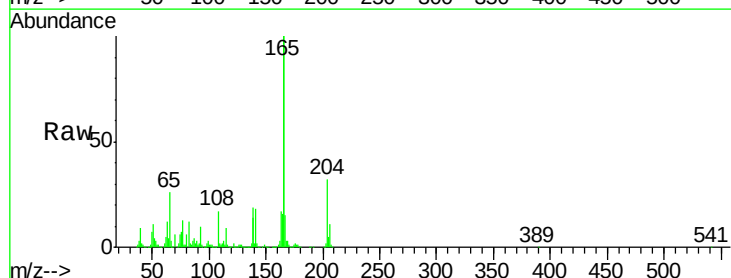
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

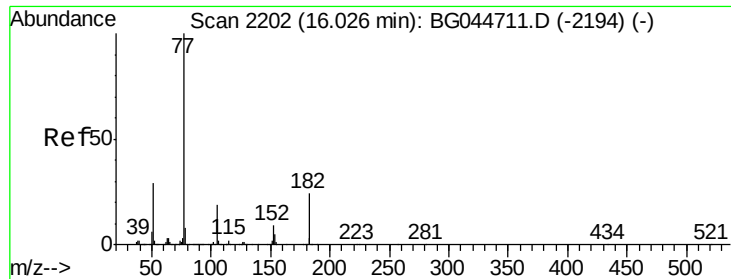
Tgt Ion:204 Resp: 574938
 Ion Ratio Lower Upper
 204 100
 206 34.8 25.8 38.6
 141 61.5 50.8 76.2



#62
 4-Nitroaniline
 Concen: 32.29 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion:138 Resp: 210536
 Ion Ratio Lower Upper
 138 100
 92 53.6 42.1 82.1
 108 90.4 81.2 121.2





#63

Azobenzene

Concen: 41.23 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

Tgt Ion: 77 Resp: 1178279

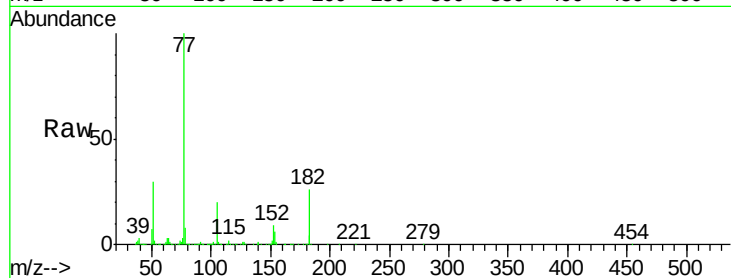
Ion	Ratio	Lower	Upper
77	100		
182	26.2	3.6	43.6
105	19.8	0.0	39.3
51	29.9	8.7	48.7

77 100

182 26.2 3.6 43.6

105 19.8 0.0 39.3

51 29.9 8.7 48.7



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

1200000

1000000

800000

600000

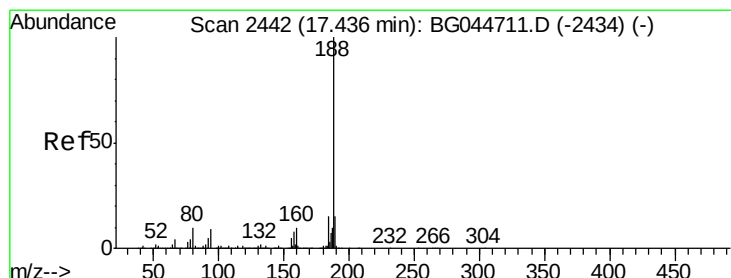
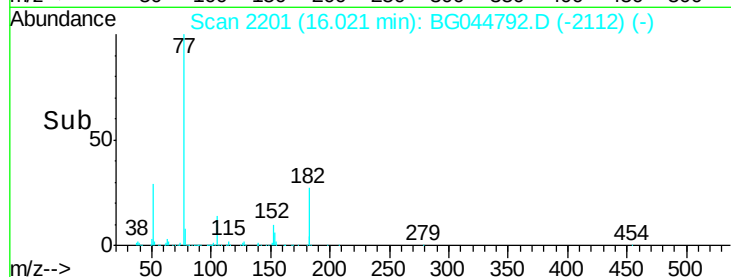
400000

200000

0

16.02

Time-->



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

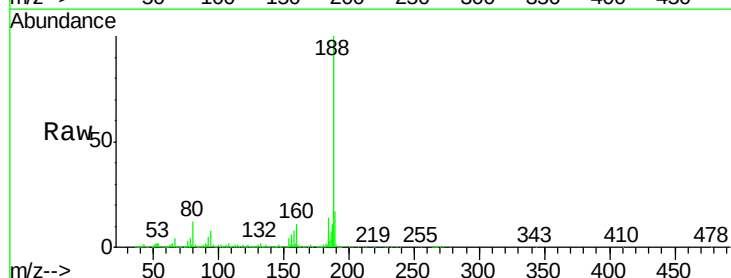
Tgt Ion: 188 Resp: 700500

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	11.6	8.4	12.6

188 100

94 8.0 7.0 10.6

80 11.6 8.4 12.6



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

600000

500000

400000

300000

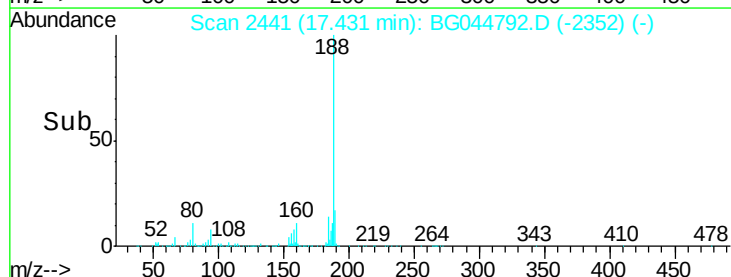
200000

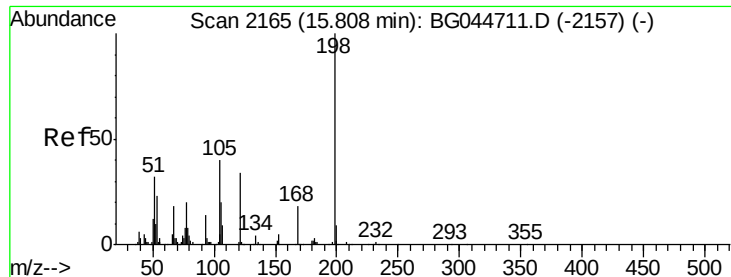
100000

0

17.43

Time-->

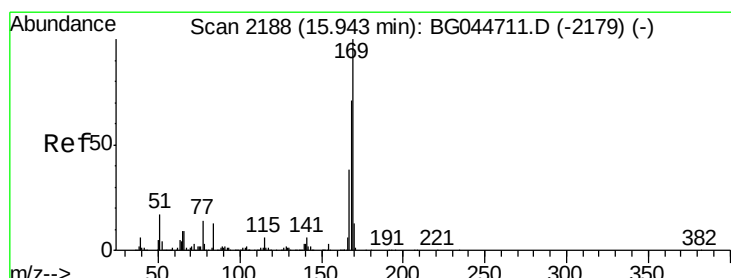
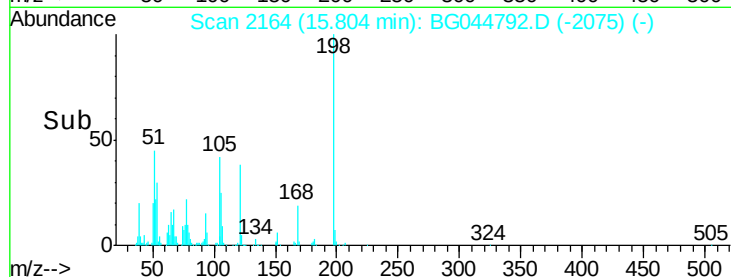
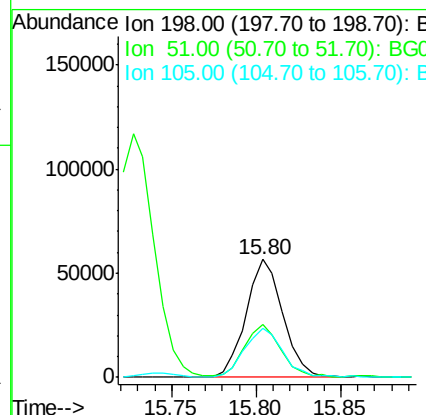
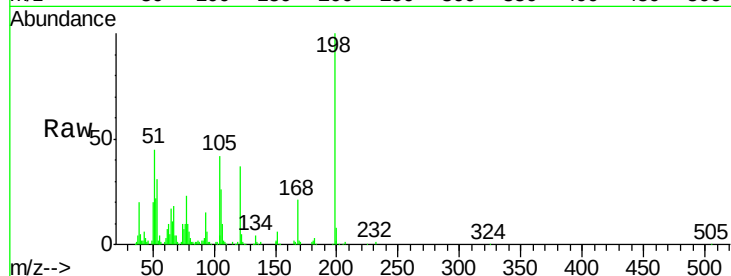




#65
 4,6-Dinitro-2-methylphenol
 Concen: 29.62 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

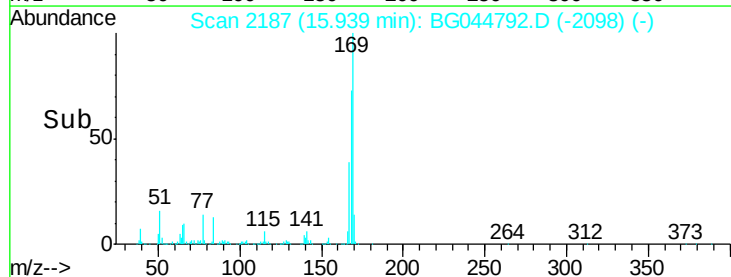
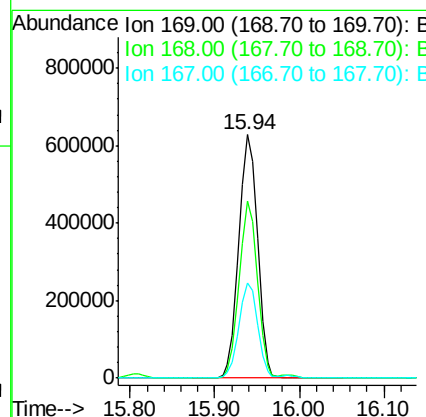
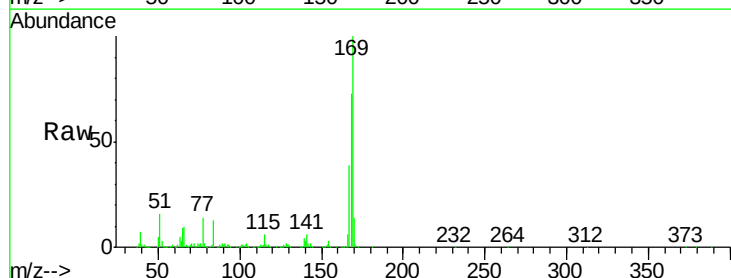
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

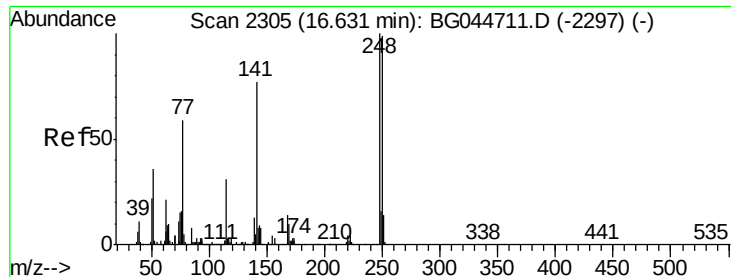
Tgt Ion:198 Resp: 86003
 Ion Ratio Lower Upper
 198 100
 51 45.0 20.1 60.1
 105 42.1 21.3 61.3



#66
 n-Nitrosodiphenylamine
 Concen: 45.20 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion:169 Resp: 953339
 Ion Ratio Lower Upper
 169 100
 168 72.7 56.6 85.0
 167 39.3 30.1 45.1

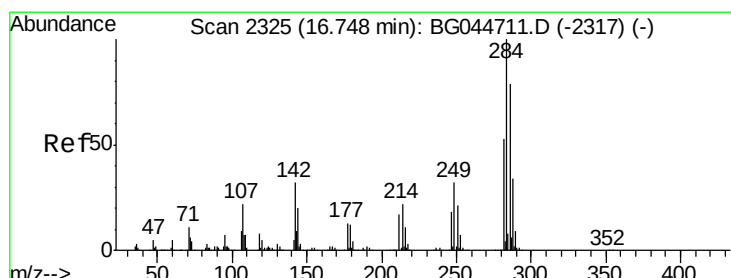
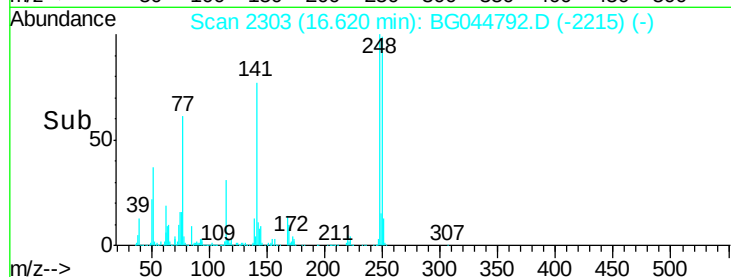
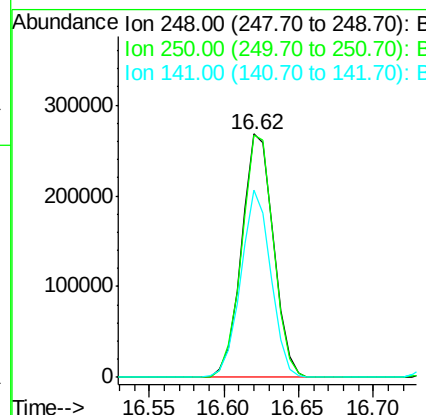
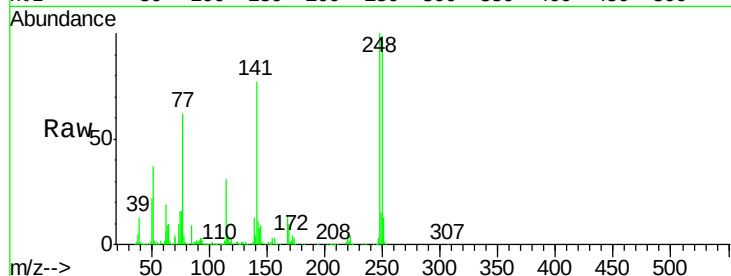




#67
4-Bromophenyl-phenylether
Concen: 45.19 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

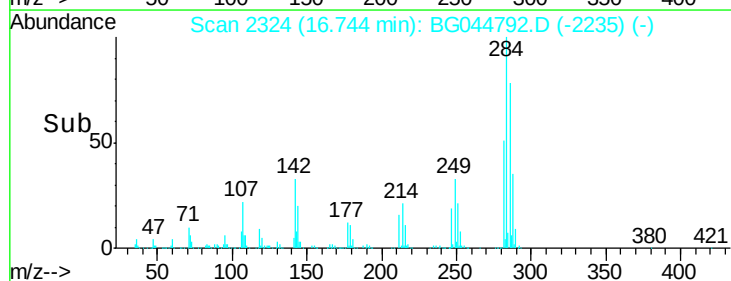
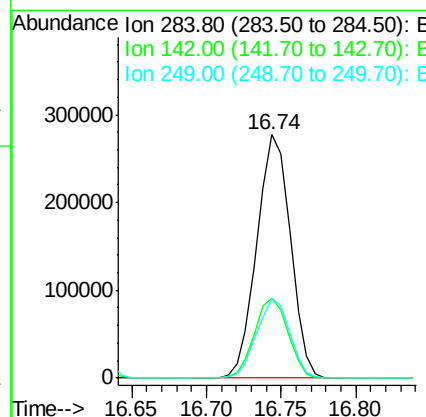
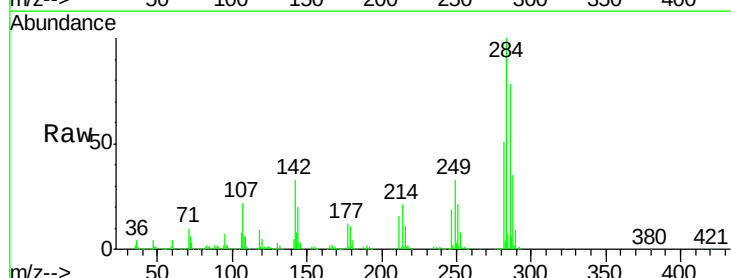
Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

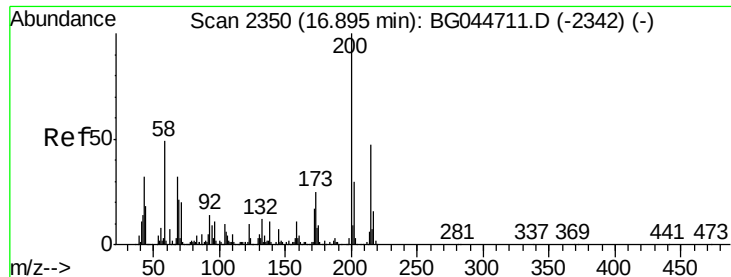
Tgt Ion:248 Resp: 395727
Ion Ratio Lower Upper
248 100
250 99.5 79.4 119.0
141 76.9 61.7 92.5



#68
Hexachlorobenzene
Concen: 45.30 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion:284 Resp: 430361
Ion Ratio Lower Upper
284 100
142 33.0 25.6 38.4
249 32.5 25.8 38.6





#69

Atrazine

Concen: 47.65 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

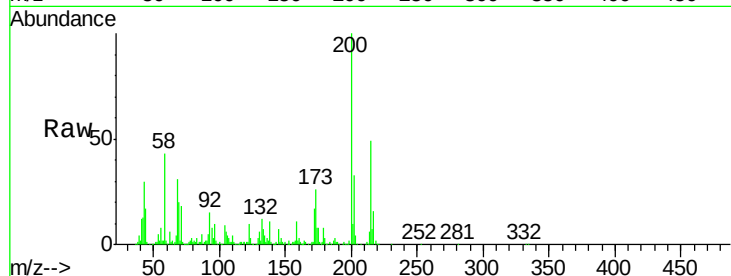
Tgt Ion:200 Resp: 368213

Ion Ratio Lower Upper

200 100

173 26.2 4.8 44.8

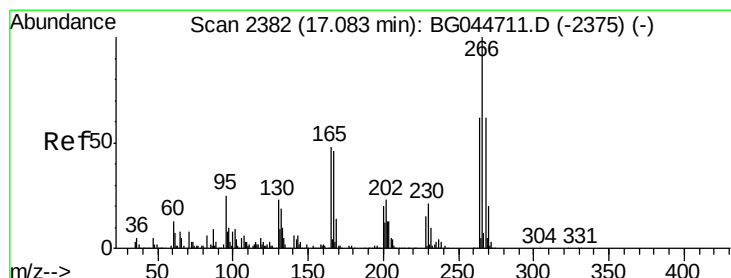
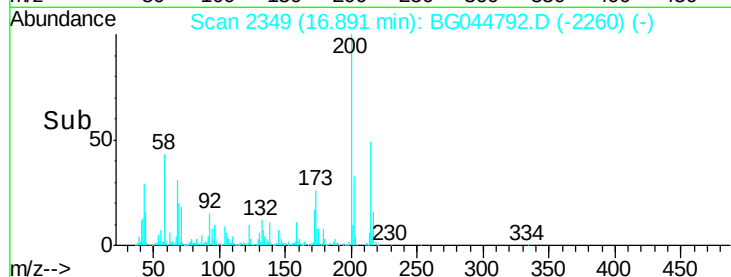
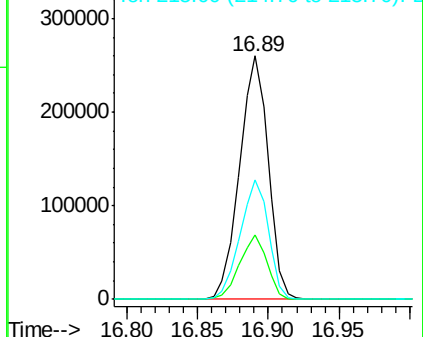
215 49.1 27.4 67.4



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: 98.71 ng

RT: 17.08 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

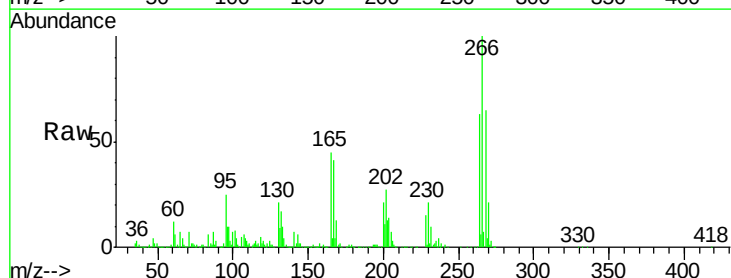
Tgt Ion:266 Resp: 516021

Ion Ratio Lower Upper

266 100

268 64.9 49.9 74.9

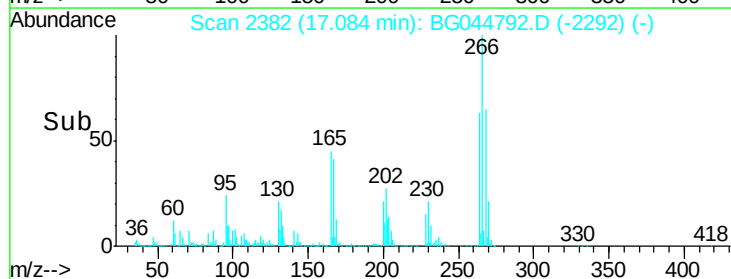
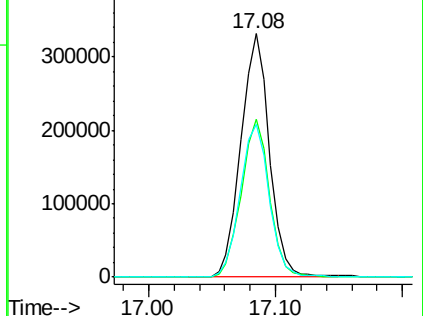
264 62.9 49.9 74.9

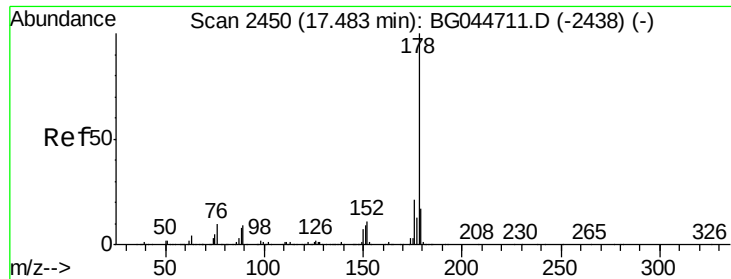


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

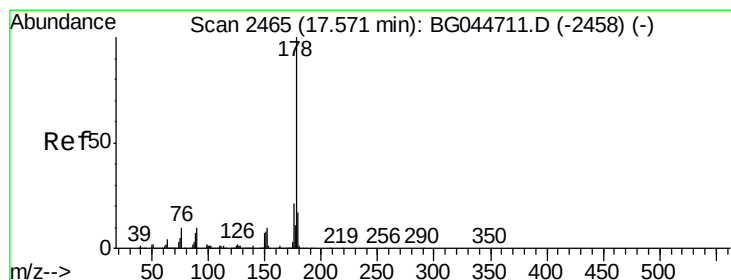
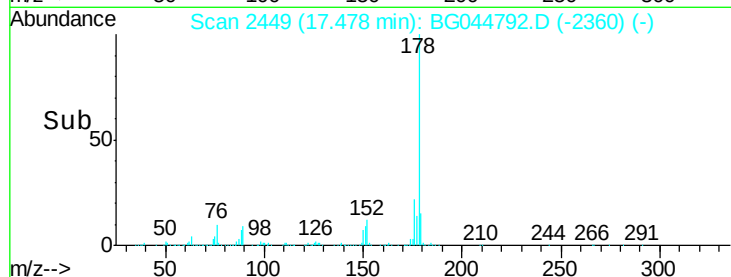
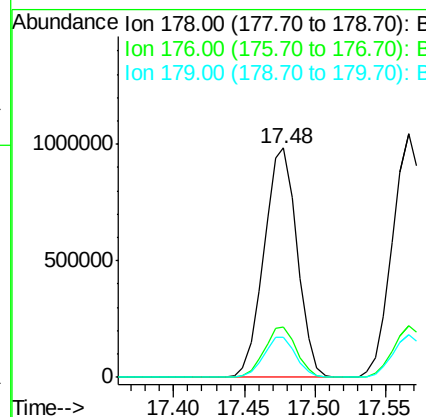
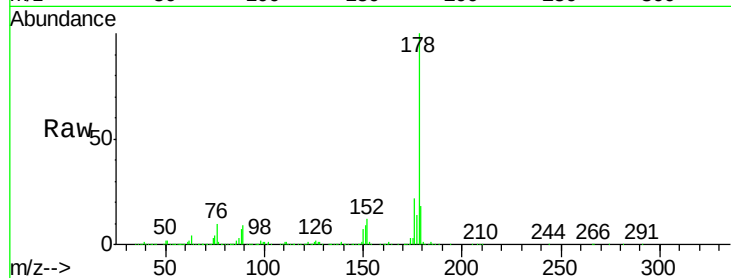




#71
 Phenanthrene
 Concen: 43.33 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

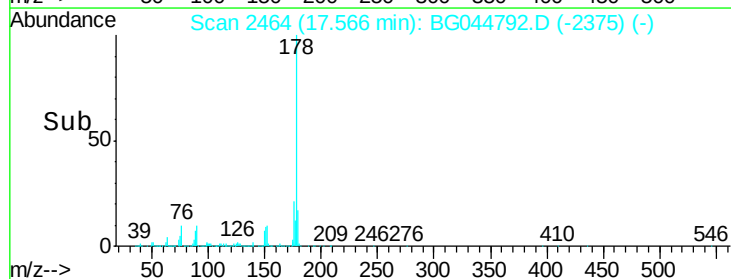
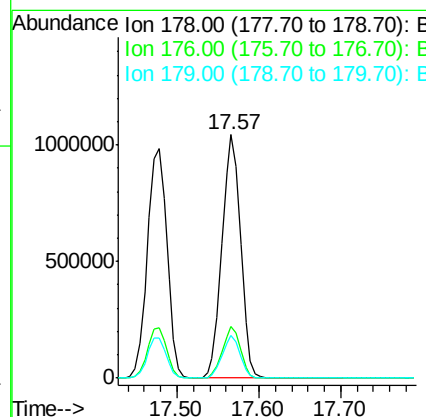
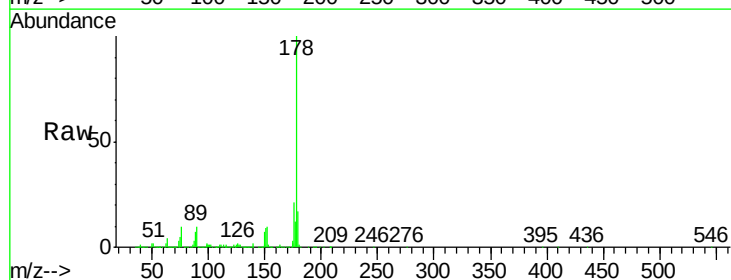
Instrument :
 BNA_G
 ClientSampleId :
 MC5B39MSD

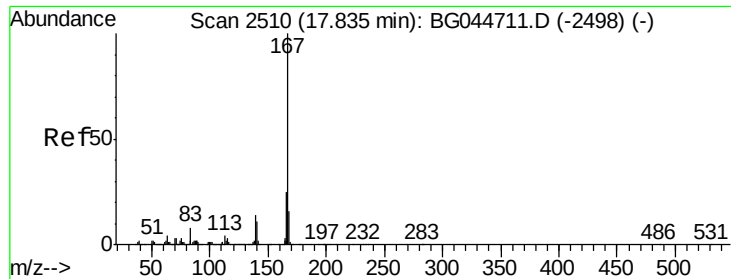
Tgt Ion:178 Resp: 1621937
 Ion Ratio Lower Upper
 178 100
 176 22.2 17.0 25.6
 179 17.5 13.7 20.5



#72
 Anthracene
 Concen: 44.81 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BG044792.D
 Acq: 14 Mar 2020 10:28

Tgt Ion:178 Resp: 1653949
 Ion Ratio Lower Upper
 178 100
 176 21.2 17.0 25.6
 179 17.5 13.8 20.8





#73

Carbazole

Concen: 43.68 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

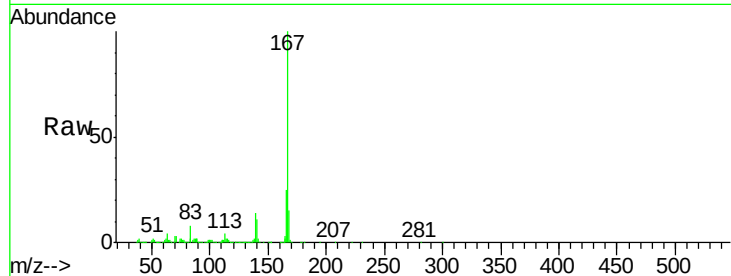
Tgt Ion:167 Resp: 1548640

Ion Ratio Lower Upper

167 100

166 24.8 19.6 29.4

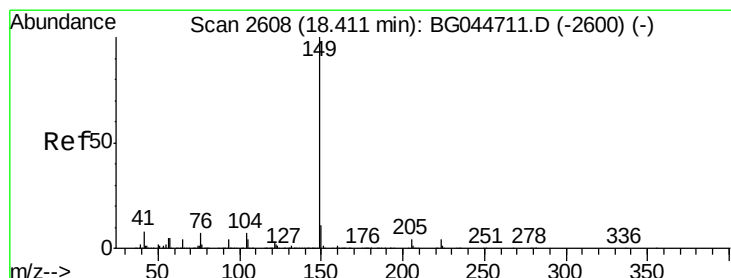
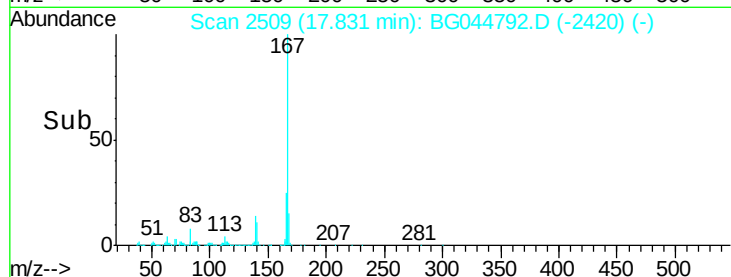
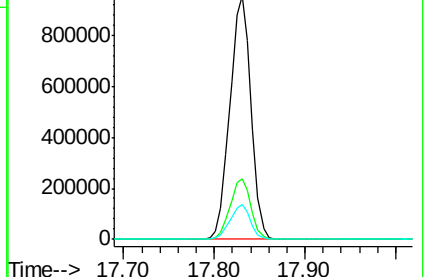
139 14.3 11.4 17.2



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: 42.77 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

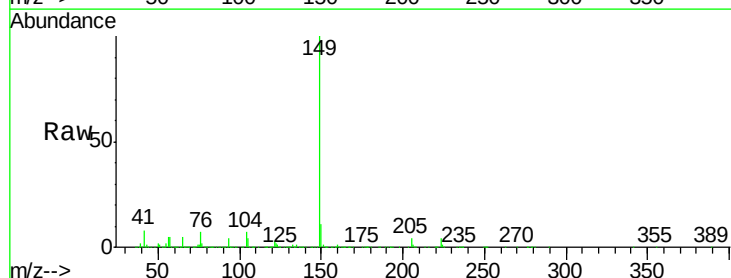
Tgt Ion:149 Resp: 1843534

Ion Ratio Lower Upper

149 100

150 10.9 8.4 12.6

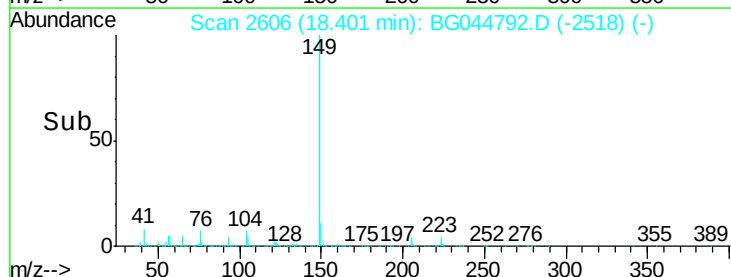
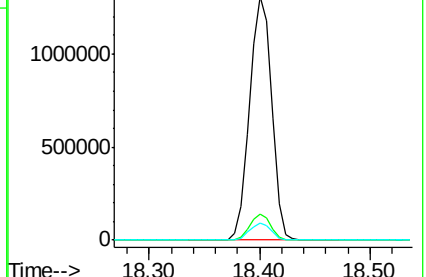
104 7.1 5.6 8.4

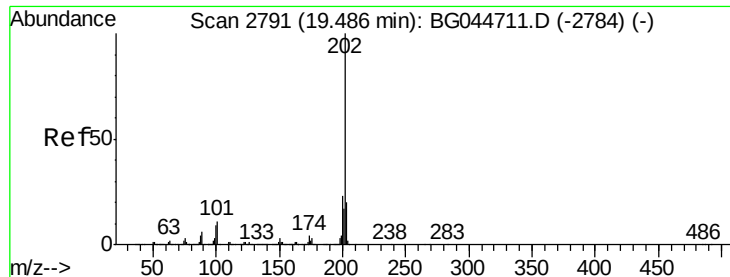


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.98 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

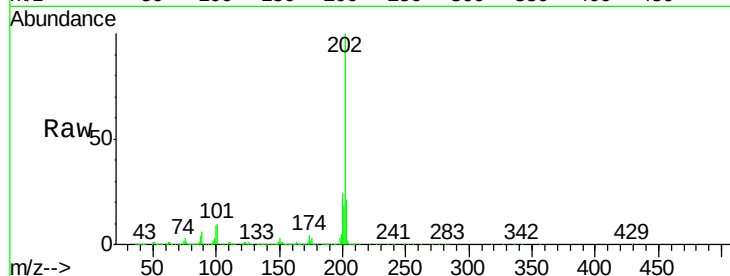
Tgt Ion:202 Resp: 1915748

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.3

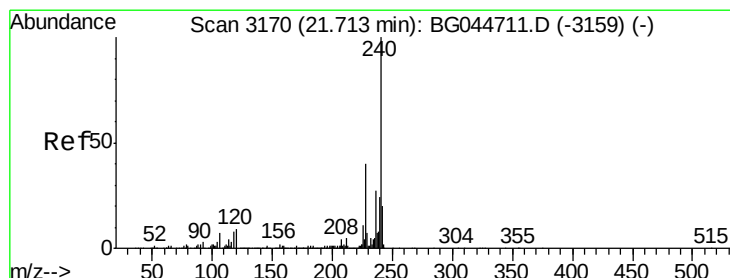
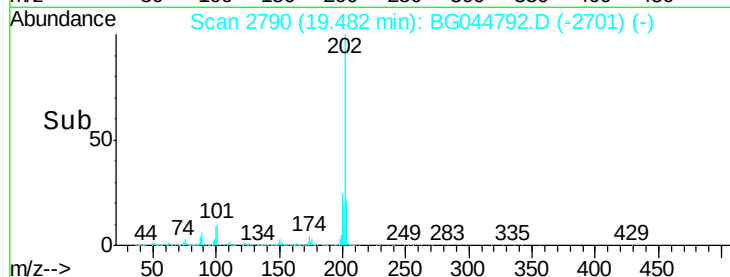
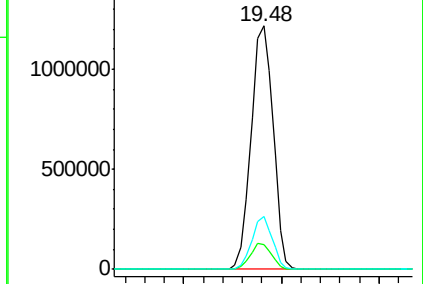
203 21.5 0.4 40.4



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: 20.00 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

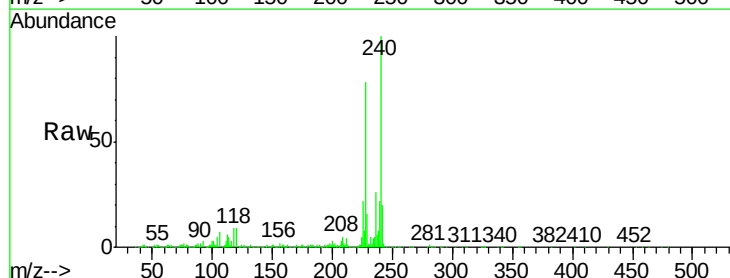
Tgt Ion:240 Resp: 560352

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

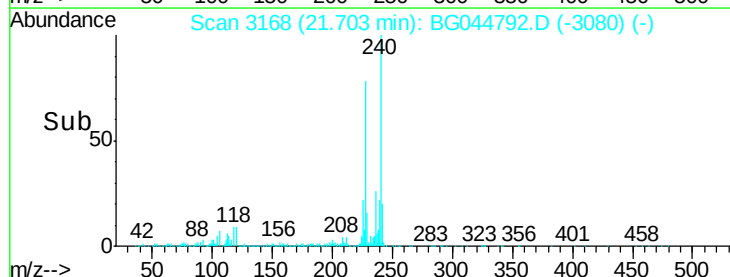
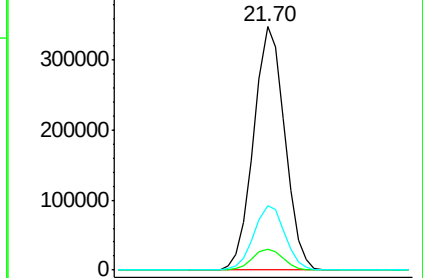
236 26.4 21.9 32.9

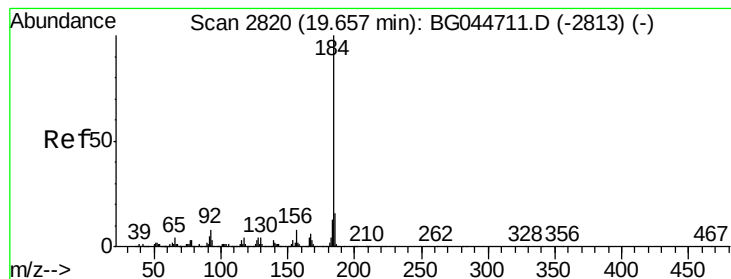


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.51 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

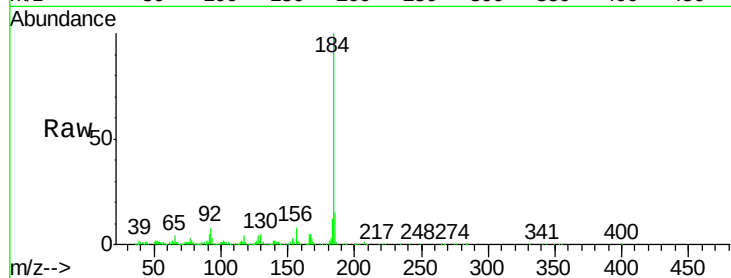
Tgt Ion:184 Resp: 282088

Ion Ratio Lower Upper

184 100

185 15.0 12.9 19.3

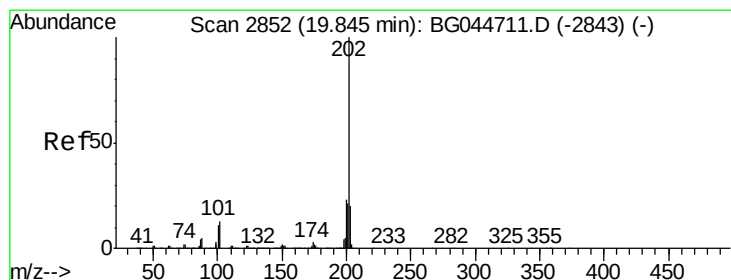
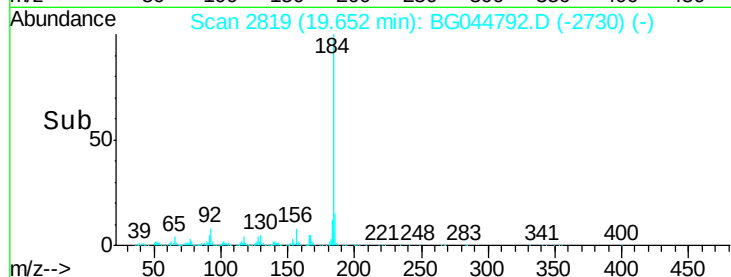
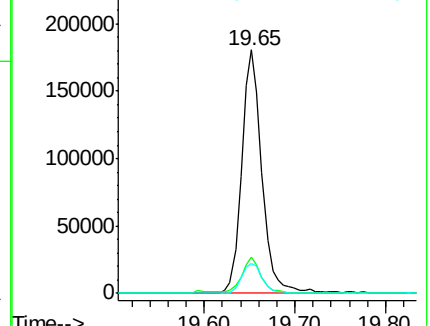
183 12.0 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.93 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

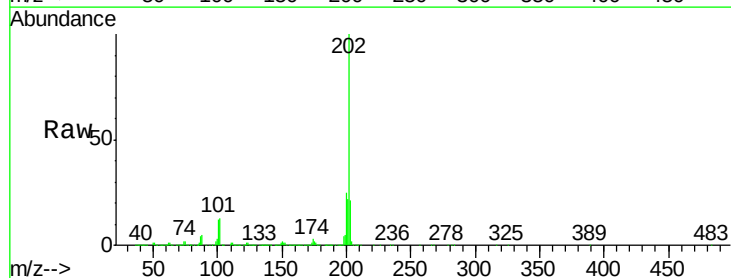
Tgt Ion:202 Resp: 1888287

Ion Ratio Lower Upper

202 100

200 25.0 18.7 28.1

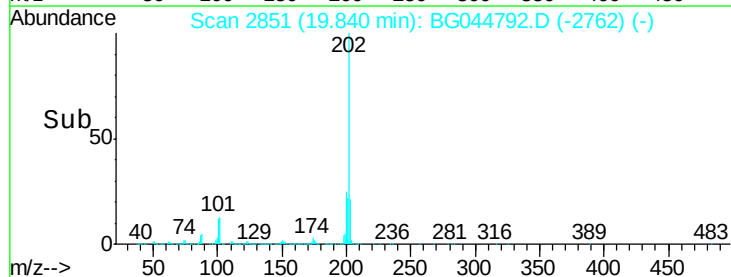
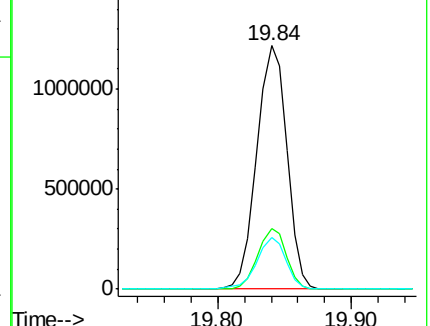
203 21.0 16.0 24.0

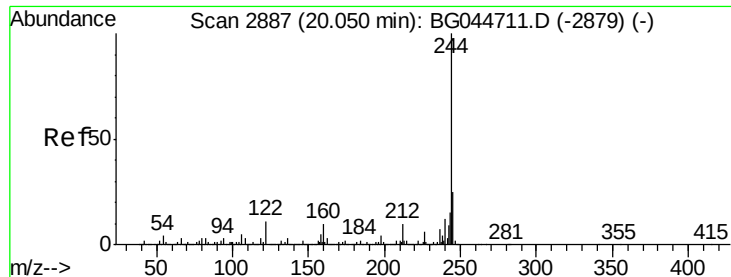


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.63 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

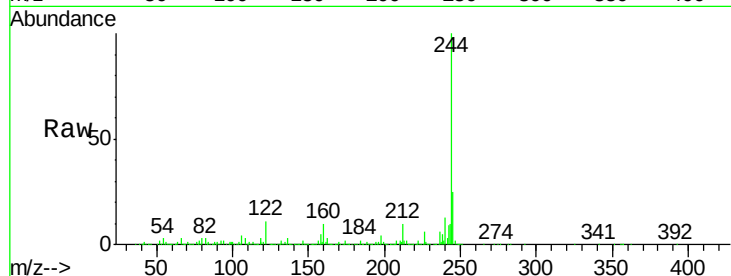
Tgt Ion:244 Resp: 2475333

Ion Ratio Lower Upper

244 100

212 10.3 8.4 12.6

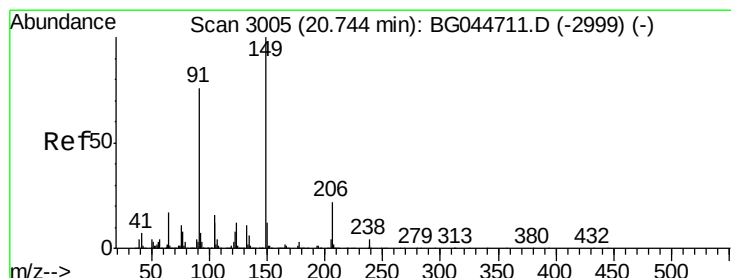
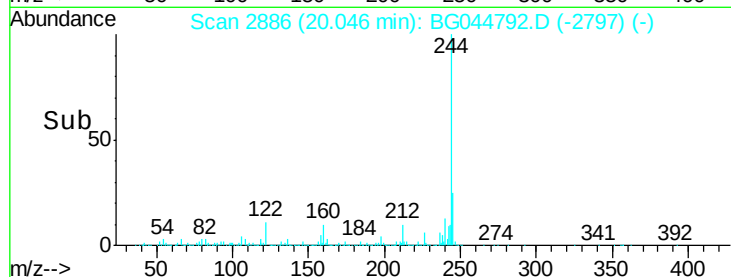
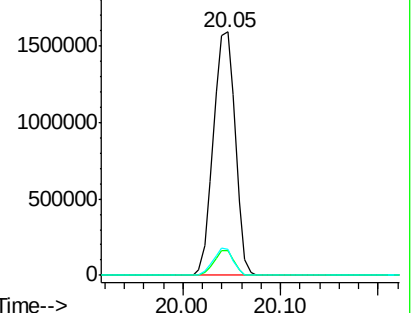
122 10.8 8.7 13.1



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: 45.16 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

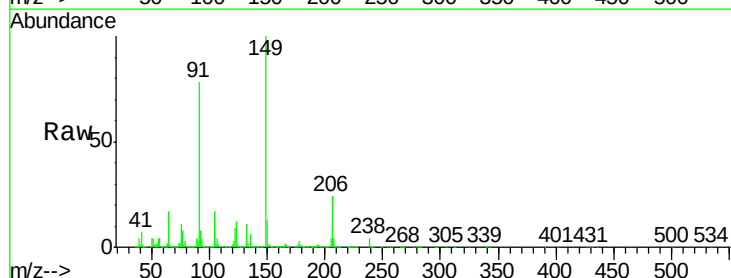
Tgt Ion:149 Resp: 825920

Ion Ratio Lower Upper

149 100

91 77.8 61.1 91.7

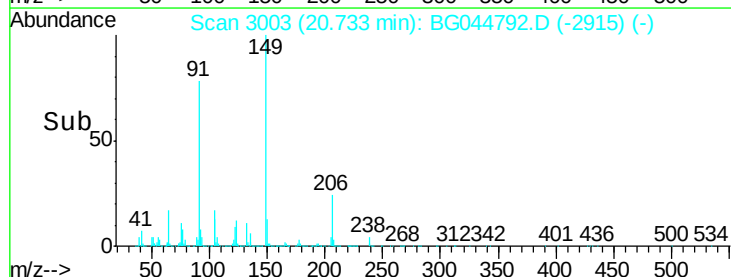
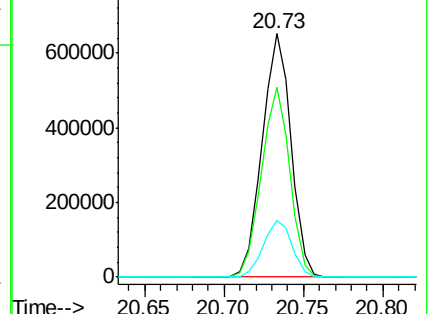
206 23.6 17.4 26.2

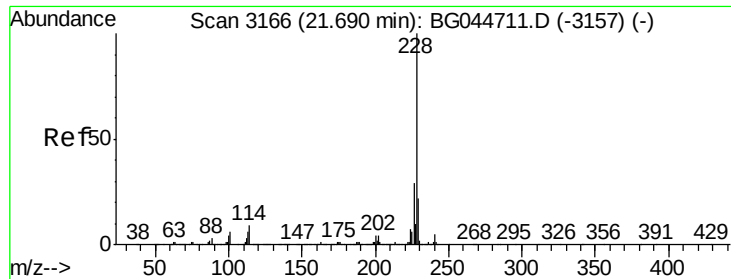


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

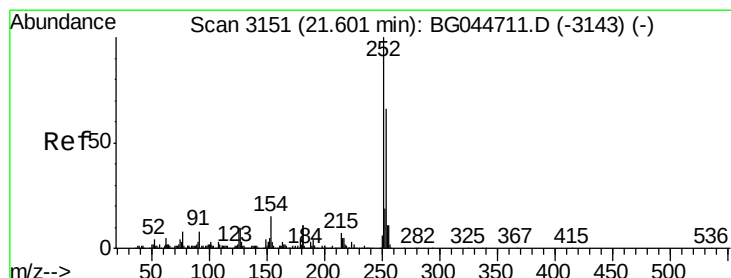
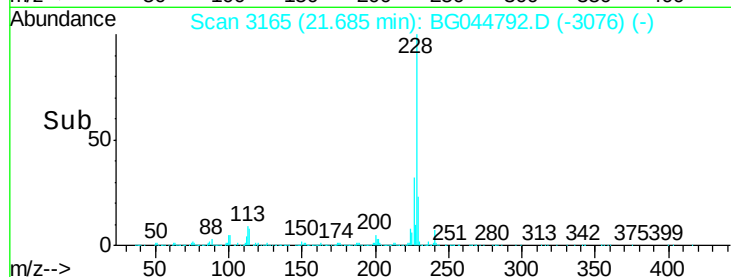
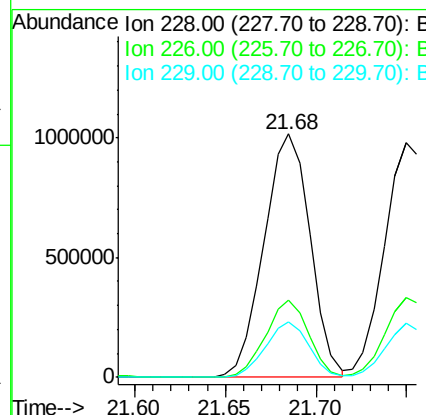
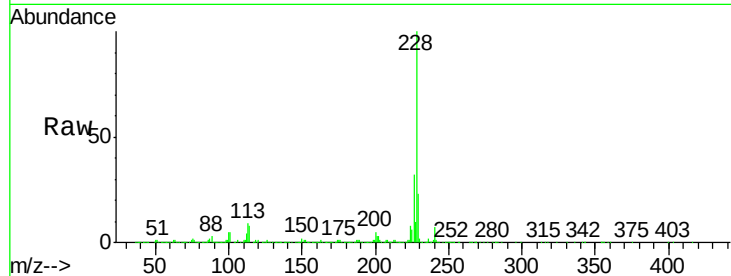




#81
Benzo(a)anthracene
Concen: 44.62 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

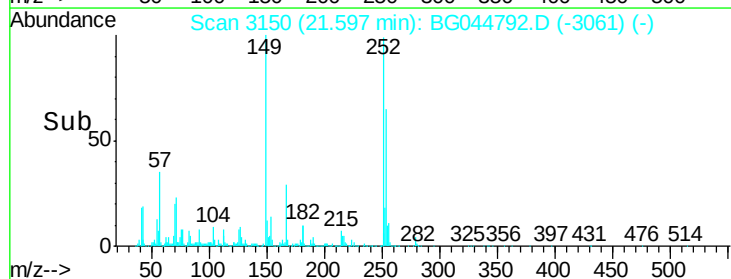
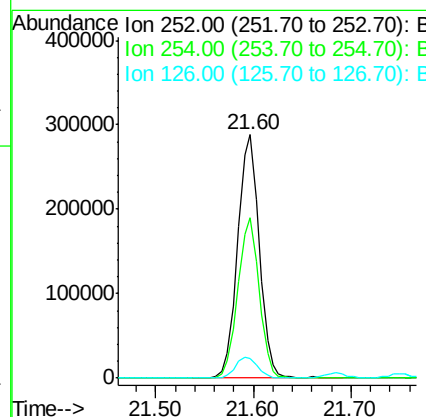
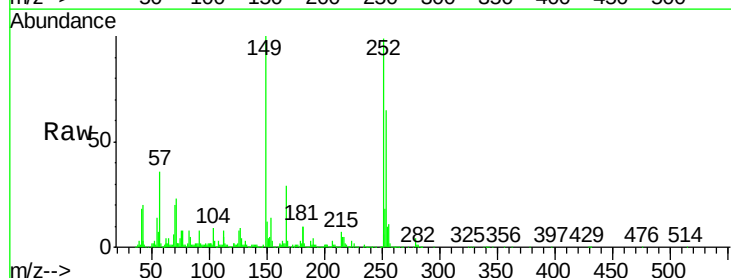
Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

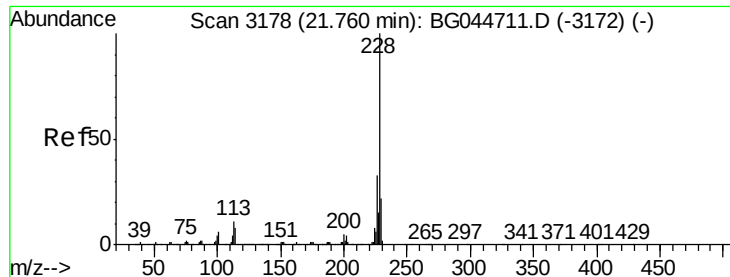
Tgt Ion:228 Resp: 1800564
Ion Ratio Lower Upper
228 100
226 31.7 23.5 35.3
229 22.5 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 28.39 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion:252 Resp: 443227
Ion Ratio Lower Upper
252 100
254 65.7 53.0 79.4
126 7.9 8.2 12.4#





#83

Chrysene

Concen: 44.75 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

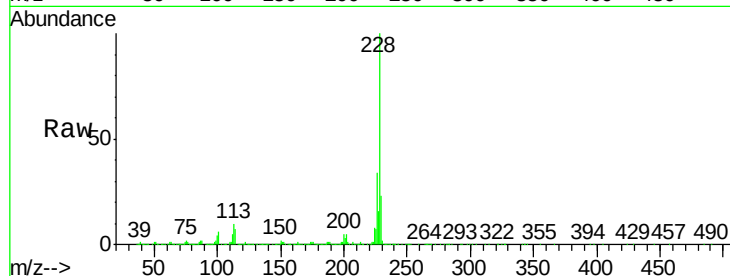
Tgt Ion:228 Resp: 1724809

Ion Ratio Lower Upper

228 100

226 34.1 26.1 39.1

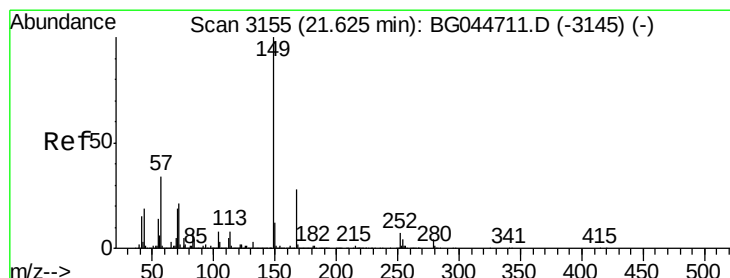
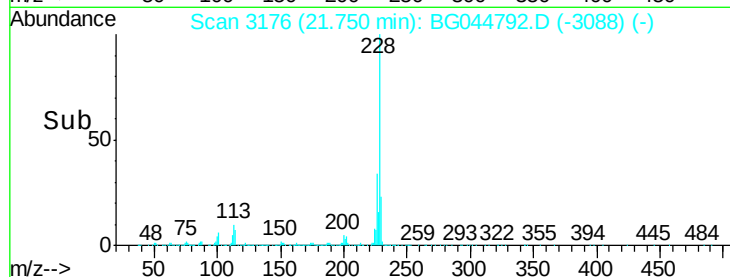
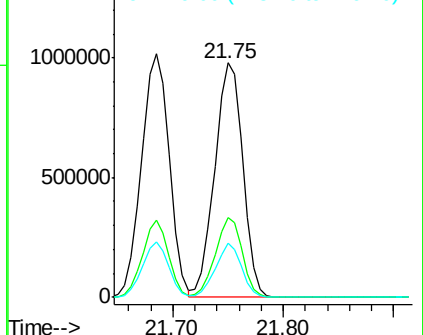
229 23.4 17.4 26.0



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: 44.53 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

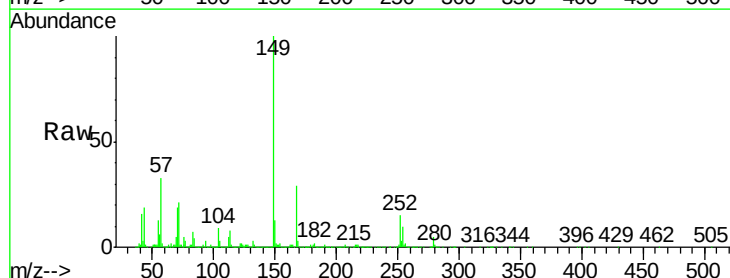
Tgt Ion:149 Resp: 1123956

Ion Ratio Lower Upper

149 100

167 28.5 22.6 33.8

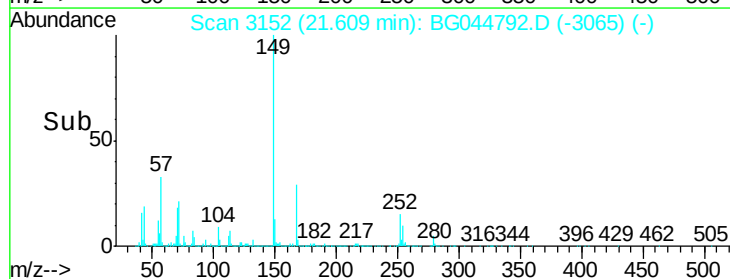
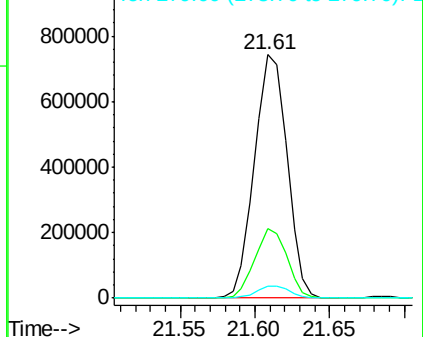
279 4.9 3.5 5.3

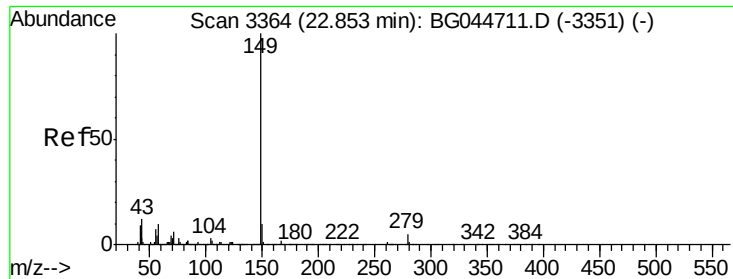


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.76 ng

RT: 22.83 min Scan# 3360

Delta R.T. -0.02 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

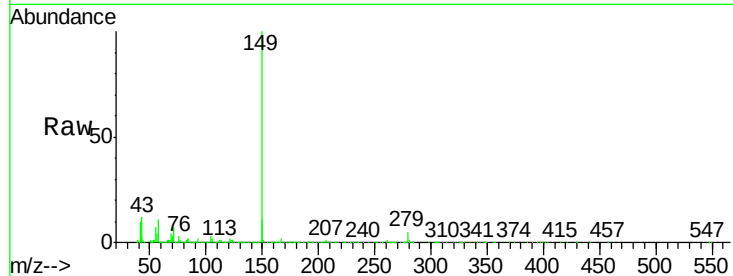
Tgt Ion:149 Resp: 1890439

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

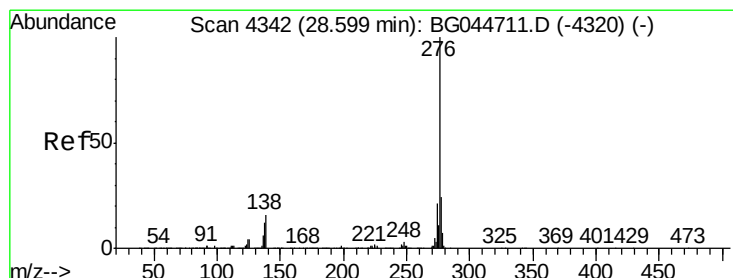
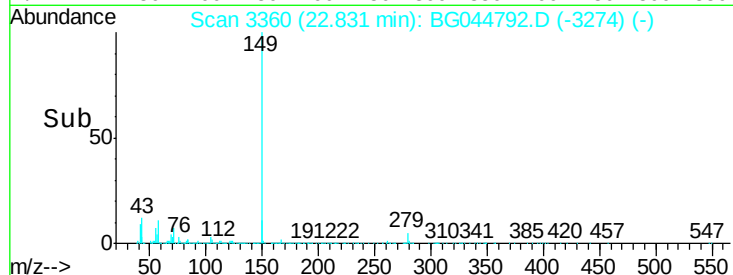
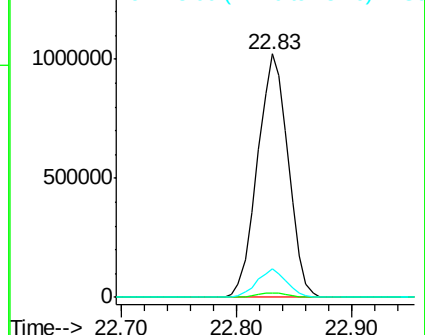
43 11.1 9.0 13.6



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: 42.53 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

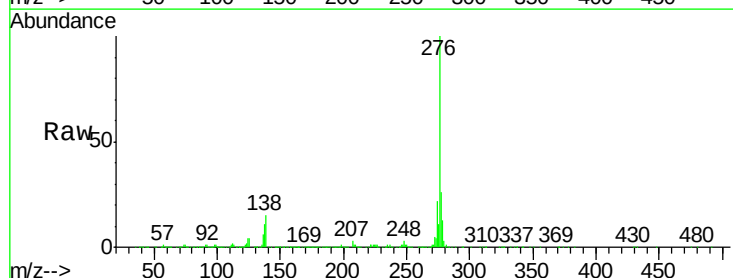
Tgt Ion:276 Resp: 2149292

Ion Ratio Lower Upper

276 100

138 12.4 10.9 16.3

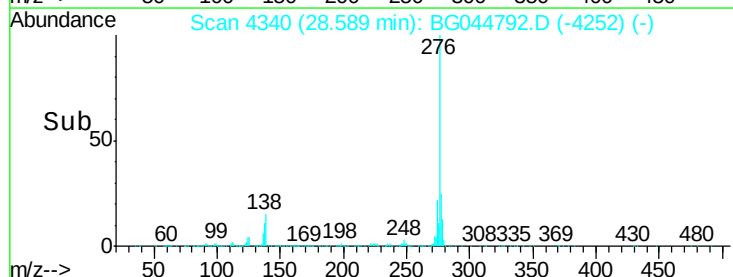
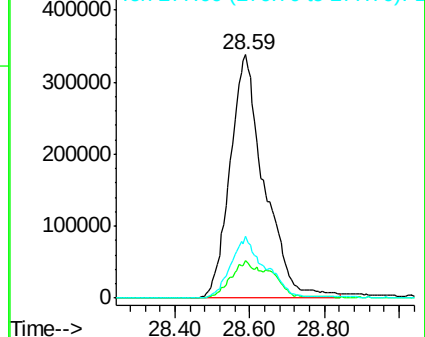
277 25.3 20.8 31.2

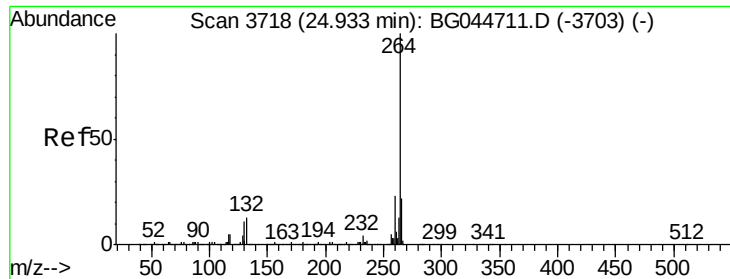


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



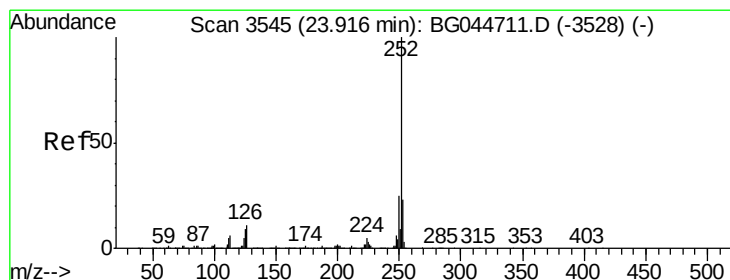
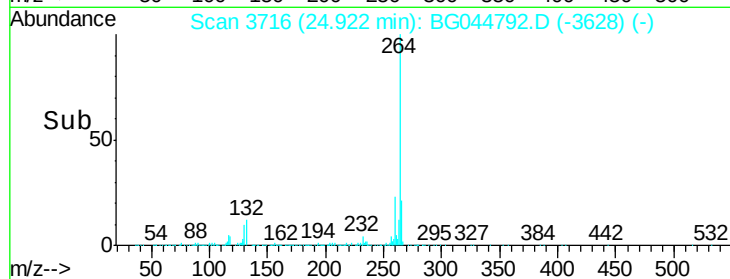
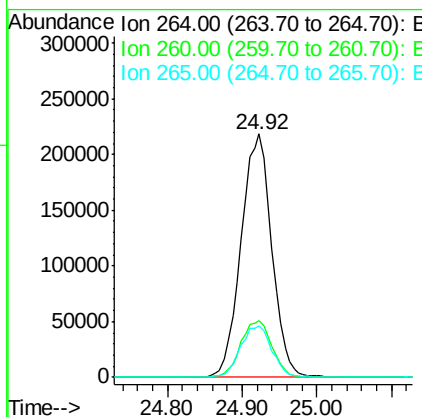
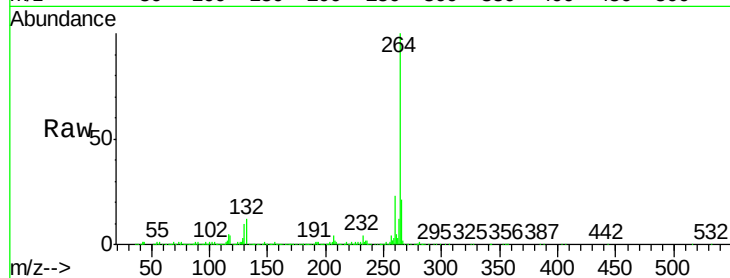


#87
Perylene-d12
Concen: 20.00 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Instrument :
BNA_G
ClientSampleId :
MC5B39MSD

Tgt Ion: 264 Resp: 622688

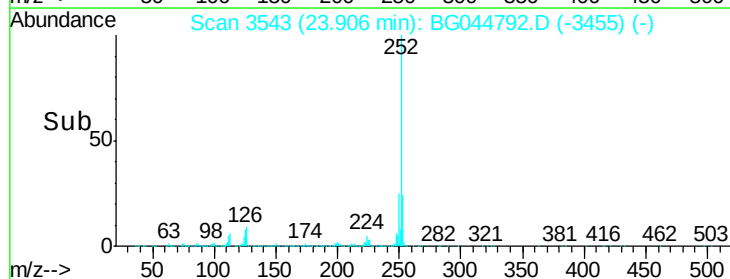
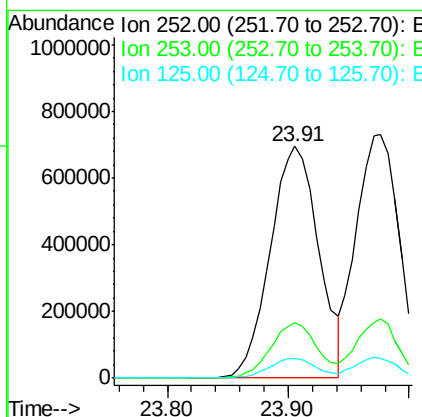
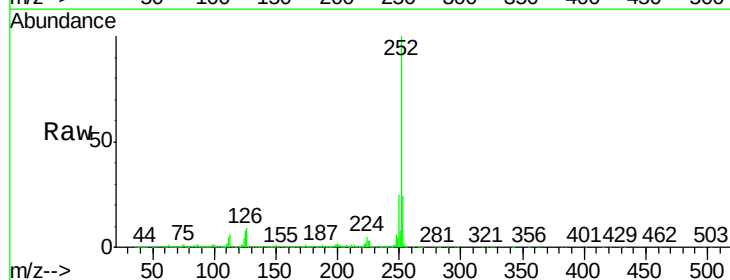
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.1	17.4	26.2

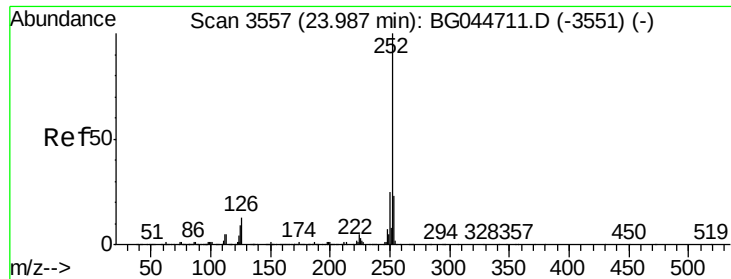


#88
Benzo(b)fluoranthene
Concen: 47.01 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG044792.D
Acq: 14 Mar 2020 10:28

Tgt Ion: 252 Resp: 1932385

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	8.4	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 46.23 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

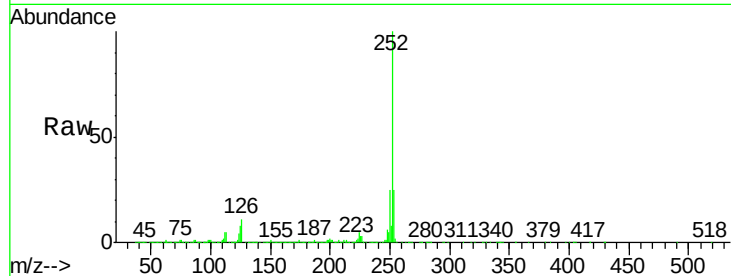
Tgt Ion:252 Resp: 1798551

Ion Ratio Lower Upper

252 100

253 24.6 18.4 27.6

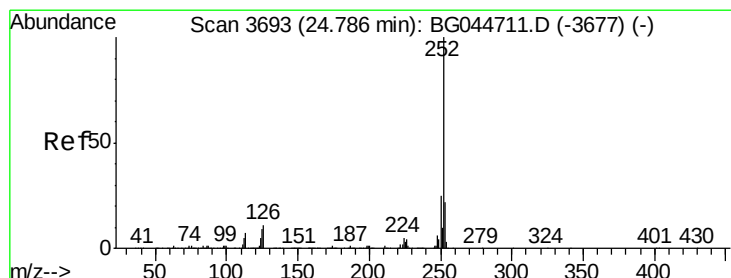
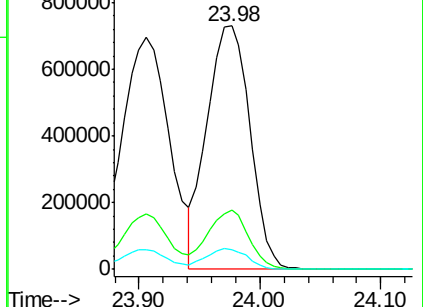
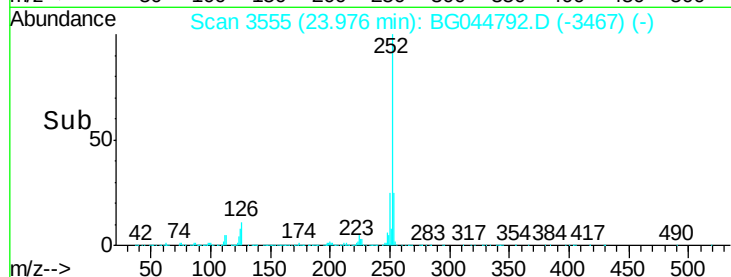
125 8.0 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.10 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

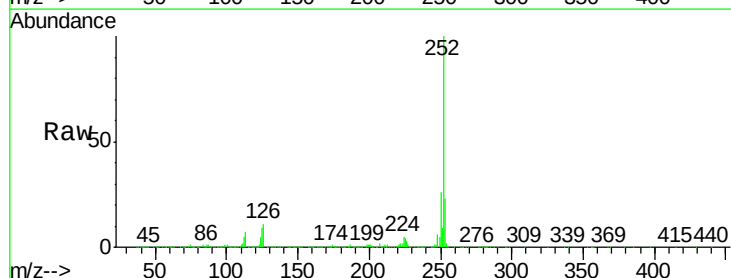
Tgt Ion:252 Resp: 1734604

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

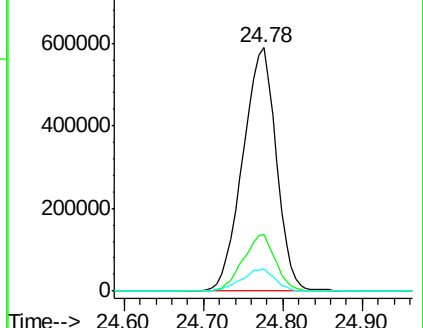
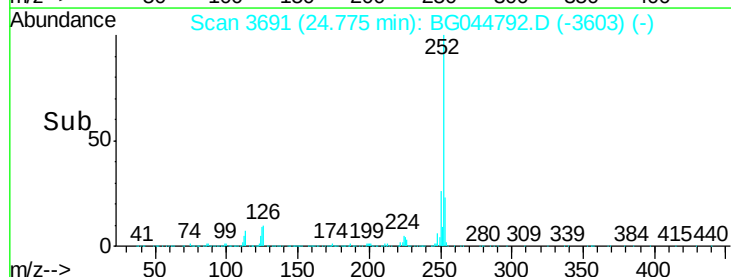
125 8.9 7.0 10.6

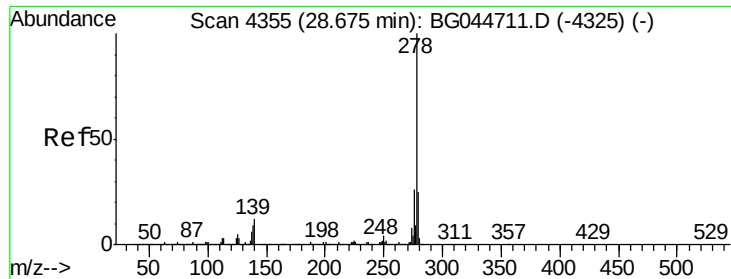


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.78 ng

RT: 28.66 min Scan# 4352

Delta R.T. -0.02 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

Instrument :

BNA_G

ClientSampleId :

MC5B39MSD

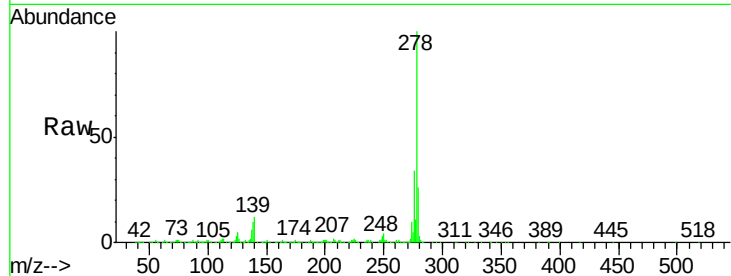
Tgt Ion:278 Resp: 1775213

Ion Ratio Lower Upper

278 100

139 12.2 9.9 14.9

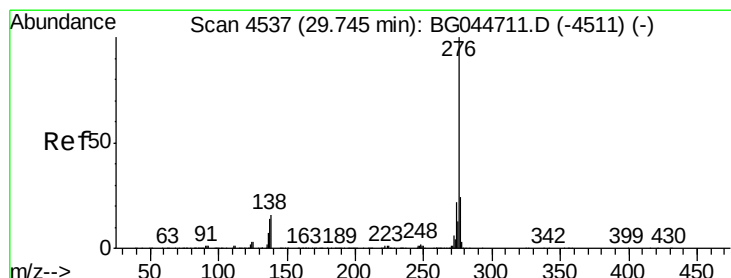
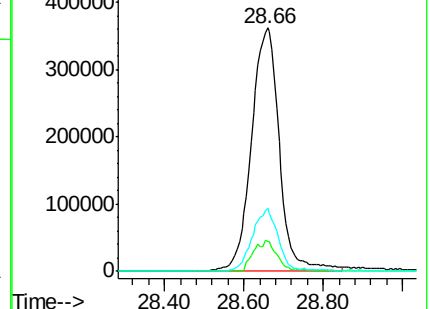
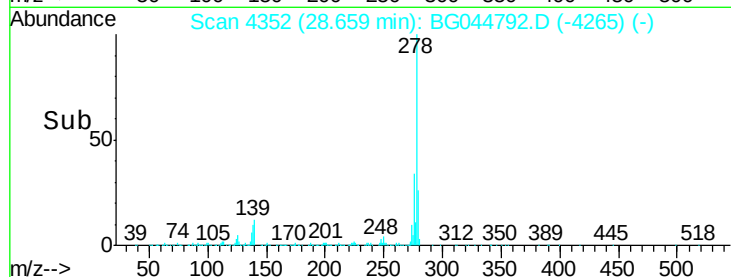
279 25.7 20.2 30.4



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: 42.31 ng

RT: 29.72 min Scan# 4533

Delta R.T. -0.02 min

Lab File: BG044792.D

Acq: 14 Mar 2020 10:28

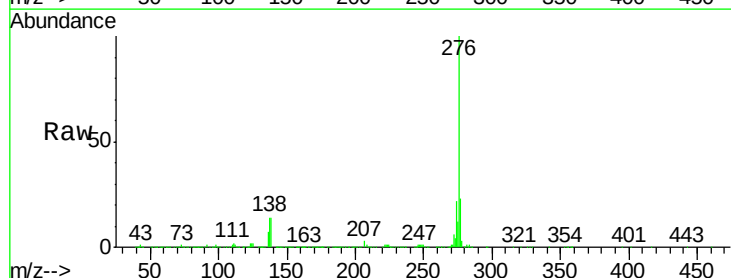
Tgt Ion:276 Resp: 1622342

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 14.4 13.0 19.4



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

