

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043622.D
 Acq On : 13 Nov 2019 21:17
 Operator : JU
 Sample : PB124754BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 14 01:43:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34492	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	135577	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	96268	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	221945	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	254636	20.00	ng	-0.01
87) Perylene-d12	24.82	264	288299	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	141780	75.32	ng	0.00
7) Phenol-d6	7.20	99	187268	69.15	ng	0.00
23) Nitrobenzene-d5	9.16	82	176848	67.25	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	112470	61.39	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	475745	68.29	ng	-0.01
79) Terphenyl-d14	19.99	244	897908	66.15	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	25120	34.246	ng	# 90
3) Pyridine	3.86	79	61722	33.357	ng	96
4) n-Nitrosodimethylamine	3.78	42	39633	42.448	ng	92
6) Aniline	7.33	93	97198	31.156	ng	96
8) 2-Chlorophenol	7.58	128	90602	43.604	ng	98
9) Benzaldehyde	7.14	77	45251	34.000	ng	88
10) Phenol	7.23	94	109299	44.166	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	73784	38.564	ng	98
12) 1,3-Dichlorobenzene	7.89	146	97405	37.415	ng	98
13) 1,4-Dichlorobenzene	8.03	146	98951	37.567	ng	99
14) 1,2-Dichlorobenzene	8.35	146	94095	36.588	ng	99
15) Benzyl Alcohol	8.25	79	76853	40.407	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	104896	37.704	ng	98
17) 2-Methylphenol	8.47	107	74838	41.483	ng	97
18) Hexachloroethane	9.07	117	35994	37.876	ng	93
19) n-Nitroso-di-n-propylamine	8.80	70	63978	36.560	ng	94
20) 3+4-Methylphenols	8.80	107	100054	40.445	ng	92
22) Acetophenone	8.82	105	124911	35.977	ng	# 92
24) Nitrobenzene	9.20	77	98473	39.308	ng	# 95
25) Isophorone	9.72	82	178599	37.147	ng	97
26) 2-Nitrophenol	9.91	139	52028	43.018	ng	94
27) 2,4-Dimethylphenol	9.99	122	84409	48.694	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	99369	37.447	ng	98
29) 2,4-Dichlorophenol	10.47	162	94612	42.598	ng	93
30) 1,2,4-Trichlorobenzene	10.66	180	104769	37.427	ng	99
31) Naphthalene	10.85	128	274632	39.907	ng	99
32) Benzoic acid	10.18	122	40404	33.820	ng	91
33) 4-Chloroaniline	10.97	127	73432	26.031	ng	96
34) Hexachlorobutadiene	11.14	225	76621	37.027	ng	95
35) Caprolactam	11.74	113	20522	26.828	ng	88
36) 4-Chloro-3-methylphenol	12.12	107	101145	41.749	ng	99
37) 2-Methylnaphthalene	12.46	142	205613	38.940	ng	98
38) 1-Methylnaphthalene	12.68	142	192493	38.314	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	133841	37.567	ng	99

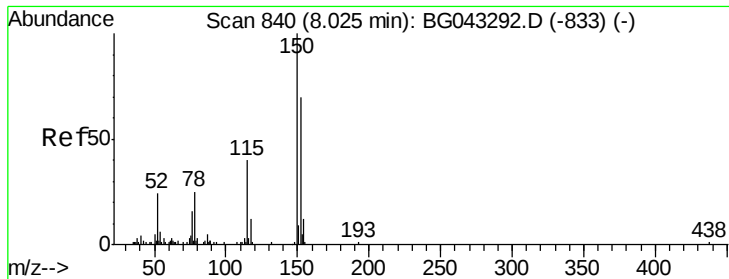
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	124142	66.332	nq	100
43) 2,4,6-Trichlorophenol	13.08	196	83118	39.615	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	87199	41.109	nq	97
46) 1,1'-Biphenyl	13.46	154	279946	38.225	nq	98
47) 2-Chloronaphthalene	13.50	162	214414	38.479	nq	98
48) 2-Nitroaniline	13.72	65	64868	38.950	nq	98
49) Acenaphthylene	14.35	152	352253	40.618	nq	100
50) Dimethylphthalate	14.09	163	277466	37.211	nq	98
51) 2,6-Dinitrotoluene	14.20	165	63844	39.411	nq	96
52) Acenaphthene	14.69	154	206546	39.054	nq	93
53) 3-Nitroaniline	14.55	138	45924	29.363	nq	87
54) 2,4-Dinitrophenol	14.76	184	59850	61.062	nq	96
55) Dibenzofuran	15.03	168	341254	39.789	nq	100
56) 4-Nitrophenol	14.90	139	85838	81.899	nq	92
57) 2,4-Dinitrotoluene	15.00	165	91246	39.414	nq	# 95
58) Fluorene	15.68	166	284838	39.598	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	87875	38.992	nq	96
60) Diethylphthalate	15.44	149	278226	37.135	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	161806	38.558	nq	99
62) 4-Nitroaniline	15.71	138	67172	41.587	nq	99
63) Azobenzene	15.96	77	232793	38.392	nq	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	52259	40.010	nq	97
66) n-Nitrosodiphenylamine	15.88	169	253508	40.457	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	113713	38.071	nq	94
68) Hexachlorobenzene	16.68	284	125151	36.502	nq	94
69) Atrazine	16.83	200	96678	44.402	nq	98
70) Pentachlorophenol	17.04	266	107544	68.838	nq	97
71) Phenanthrene	17.42	178	450111	39.604	nq	99
72) Anthracene	17.51	178	463201	40.735	nq	98
73) Carbazole	17.78	167	423978	41.173	nq	99
74) Di-n-butylphthalate	18.33	149	492990	39.457	nq	99
75) Fluoranthene	19.43	202	615176	41.519	nq	99
77) Benzidine	19.61	184	245080	47.824	nq	98
78) Pyrene	19.79	202	622604	39.501	nq	99
80) Butylbenzylphthalate	20.67	149	233897	39.169	nq	94
81) Benzo(a)anthracene	21.62	228	637069	39.941	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	209415	33.945	nq	99
83) Chrysene	21.69	228	623635	39.352	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	342380	40.363	nq	100
85) Di-n-octyl phthalate	22.71	149	587978	40.857	nq	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	812558	40.847	nq	100
88) Benzo(b)fluoranthene	23.81	252	685872	42.005	nq	99
89) Benzo(k)fluoranthene	23.88	252	688580	41.890	nq	98
90) Benzo(a)pyrene	24.67	252	673604	43.201	nq	99
91) Dibenzo(a,h)anthracene	28.50	278	687693	43.119	nq	100
92) Benzo(g,h,i)perylene	29.59	276	681150	43.298	nq	99

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

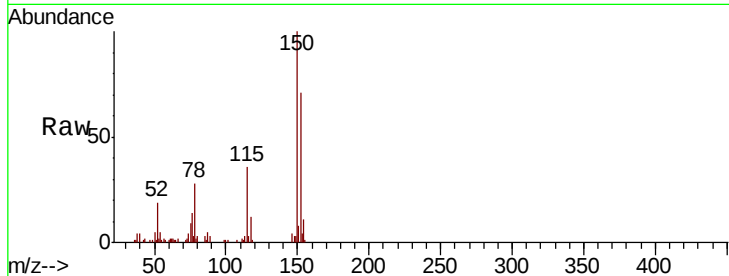


#1

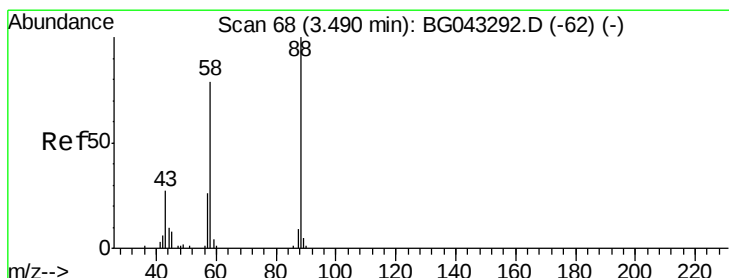
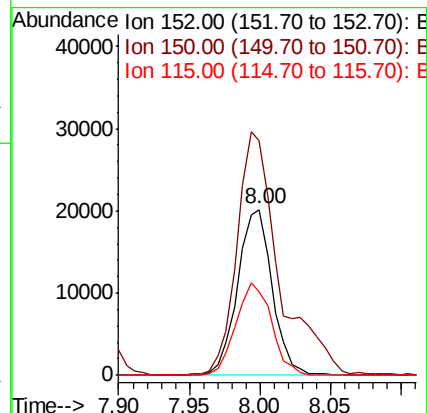
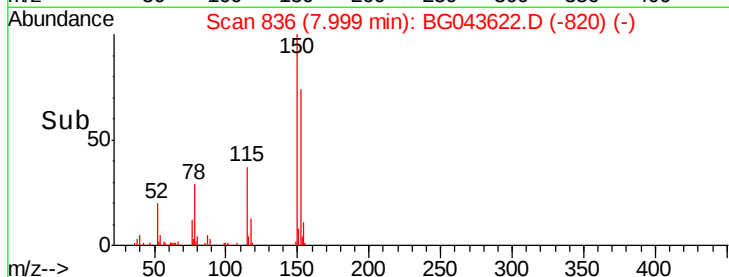
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34492
Ion Ratio Lower Upper
152 100
150 141.3 129.4 194.0
115 50.5 48.8 73.2



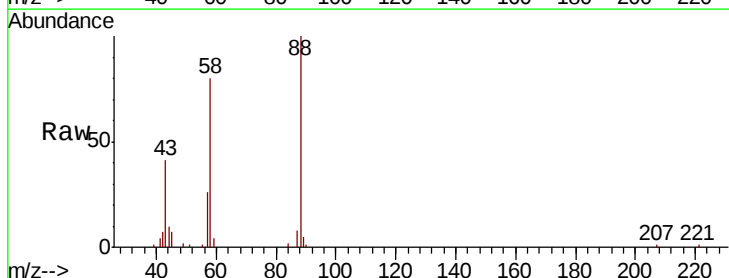
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



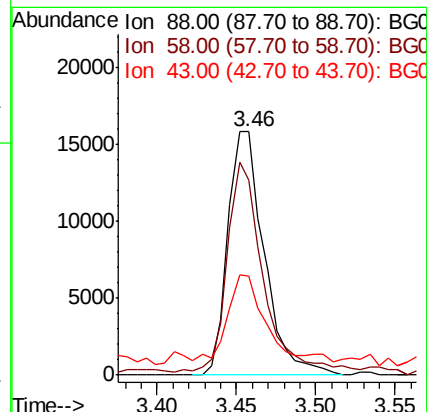
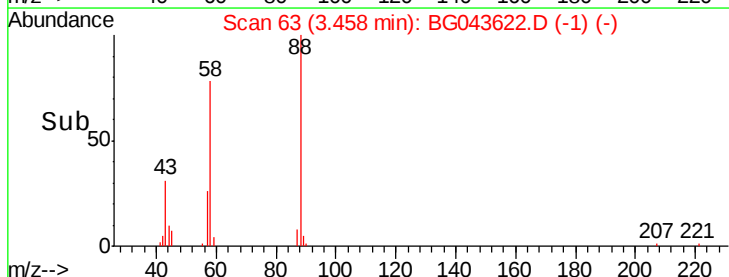
#2

1,4-Dioxane
Concen: 34.246 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion: 88 Resp: 25120
Ion Ratio Lower Upper
88 100
58 84.7 62.7 94.1
43 39.3 23.7 35.5#



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





#3

Pvridine

Concen: 33.357 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

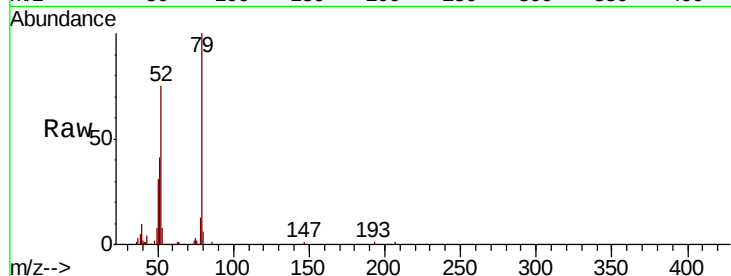
Tot Ion: 79 Resp: 61722

Ion Ratio Lower Upper

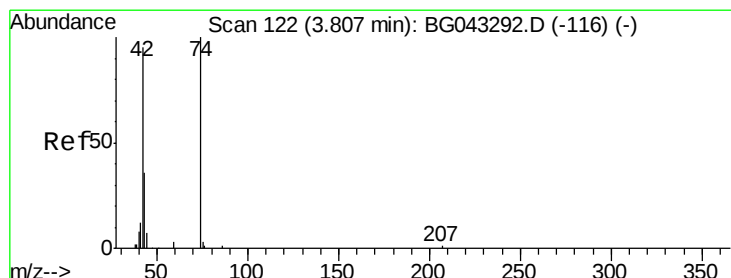
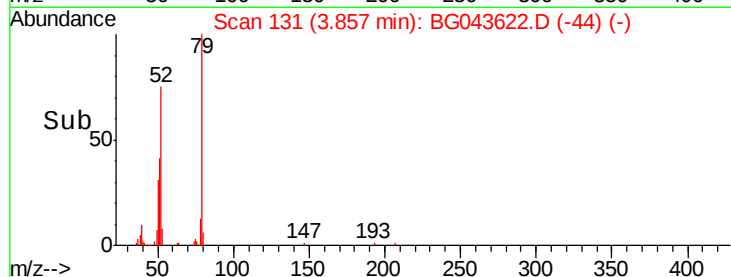
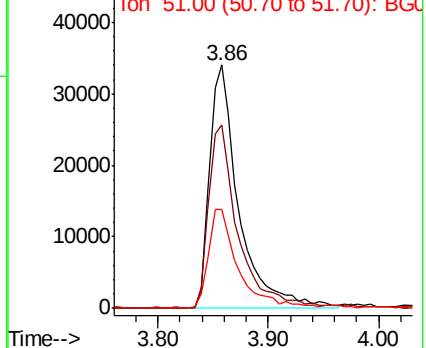
79 100

52 75.2 56.5 84.7

51 40.6 33.2 49.8



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: 42.448 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

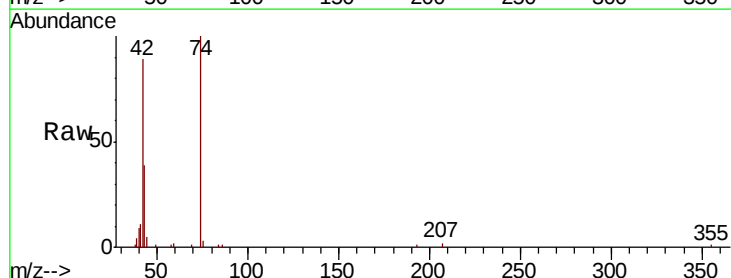
Tgt Ion: 42 Resp: 39633

Ion Ratio Lower Upper

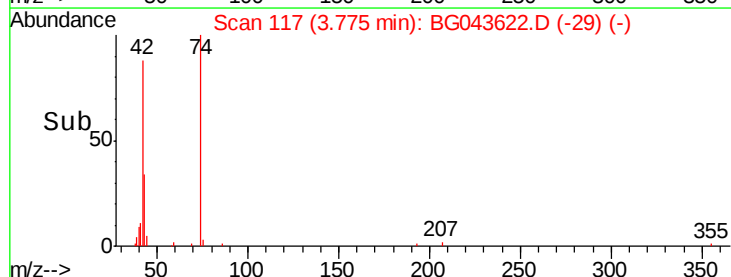
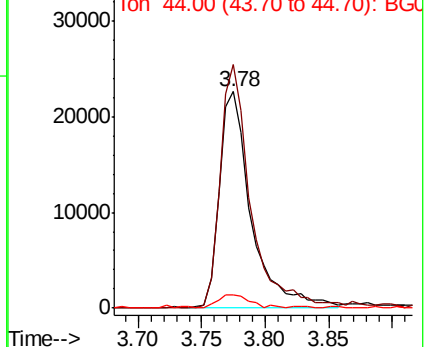
42 100

74 112.4 97.3 145.9

44 6.0 4.4 6.6



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





#5

2-Fluorophenol

Concen: 75.323 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

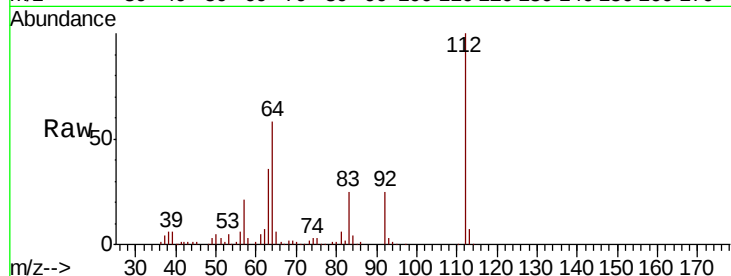
Tot Ion:112 Resp: 141780

Ion Ratio Lower Upper

112 100

64 58.5 50.0 75.0

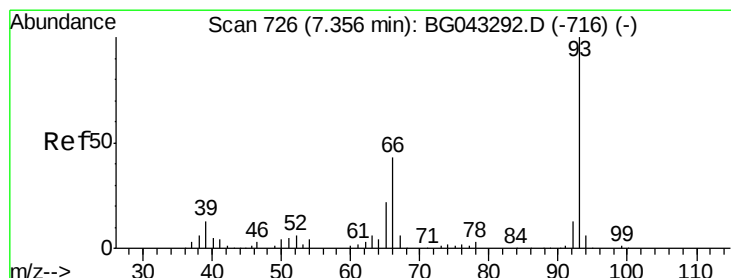
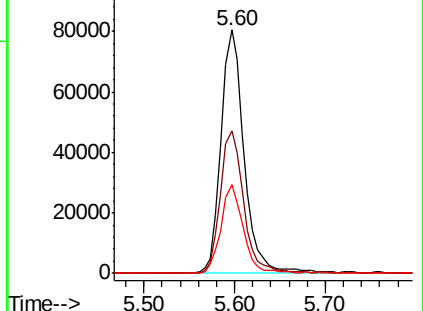
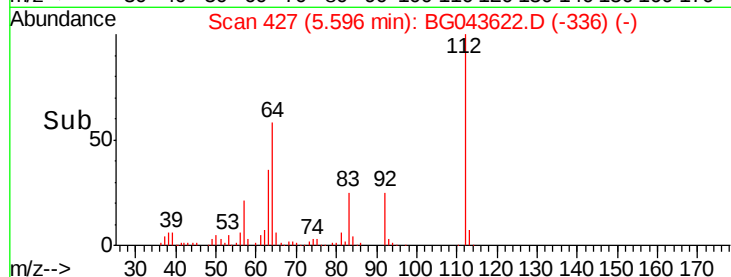
63 36.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.156 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

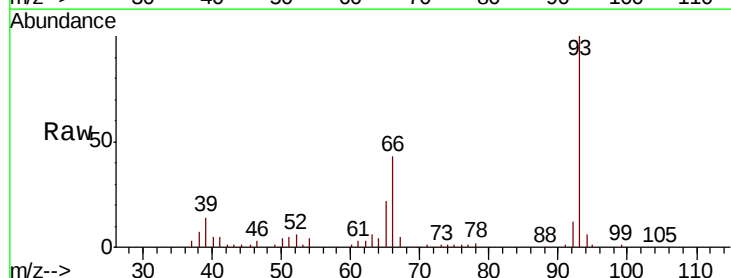
Tgt Ion: 93 Resp: 97198

Ion Ratio Lower Upper

93 100

66 42.5 32.3 48.5

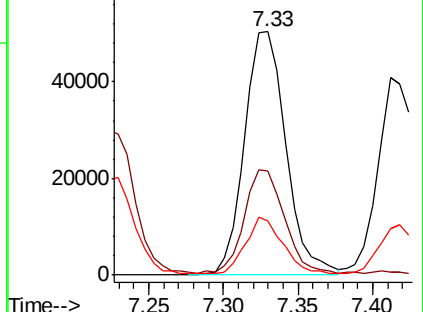
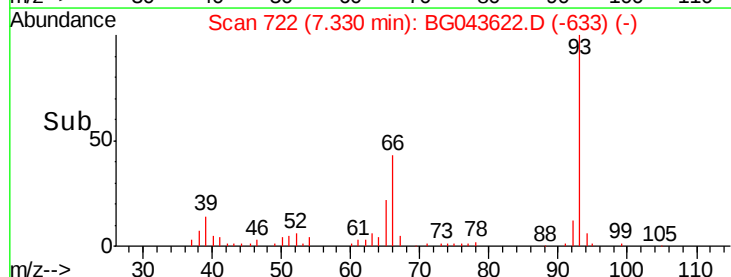
65 22.3 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 69.149 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

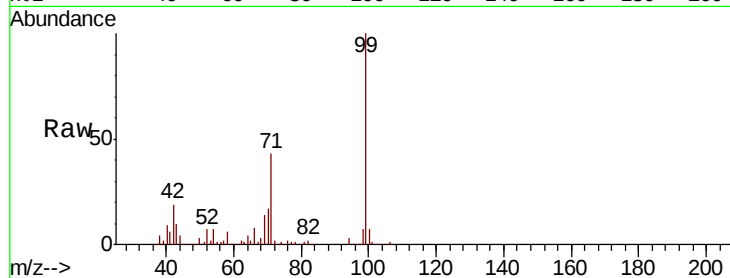
Tot Ion: 99 Resp: 187268

Ion Ratio Lower Upper

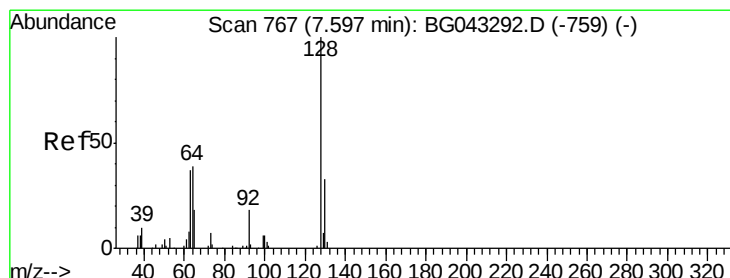
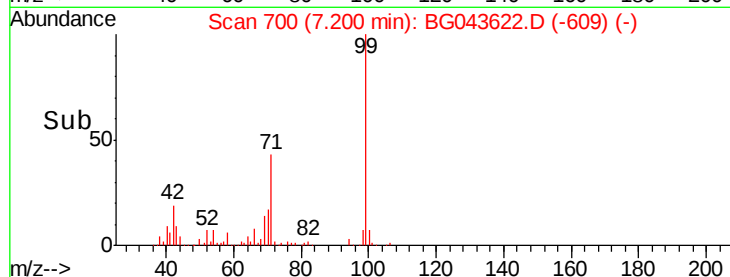
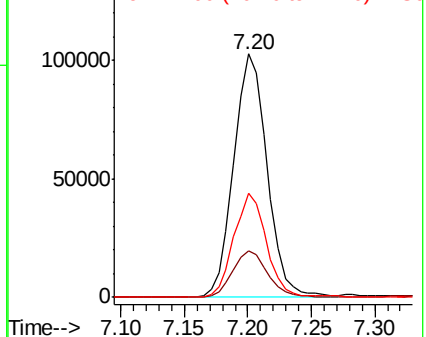
99 100

42 19.1 14.6 21.8

71 42.7 32.5 48.7



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



#8

2-Chlorophenol

Concen: 43.604 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

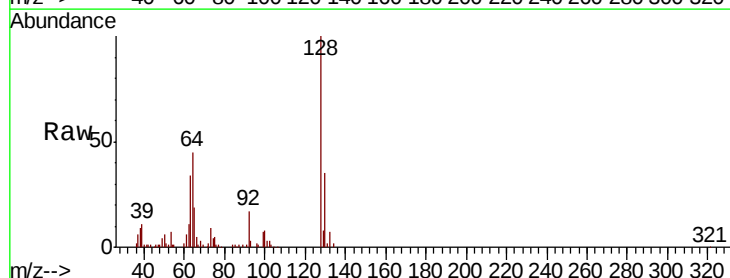
Tgt Ion: 128 Resp: 90602

Ion Ratio Lower Upper

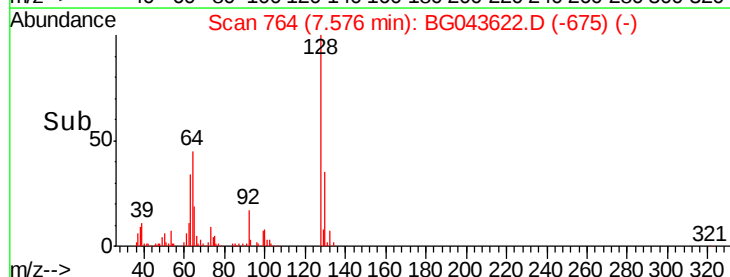
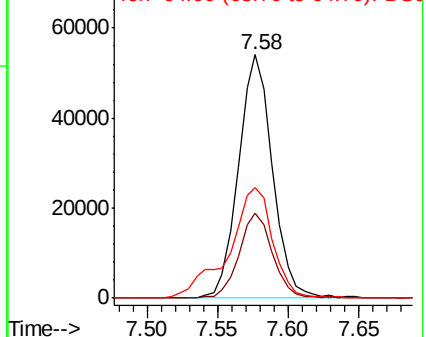
128 100

130 35.1 12.5 52.5

64 45.4 25.3 65.3



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





#9

Benzaldehyde

Concen: 34.000 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

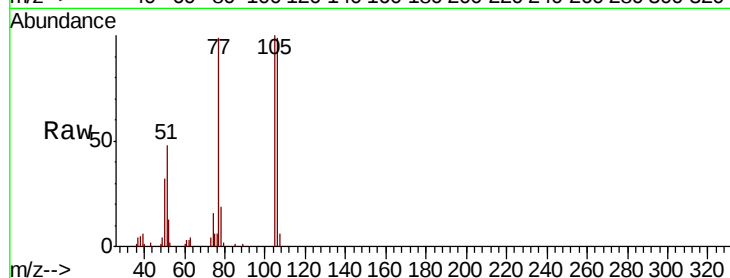
Tot Ion: 77 Resp: 45251

Ion Ratio Lower Upper

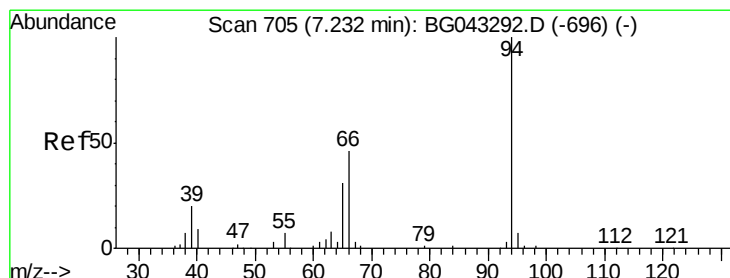
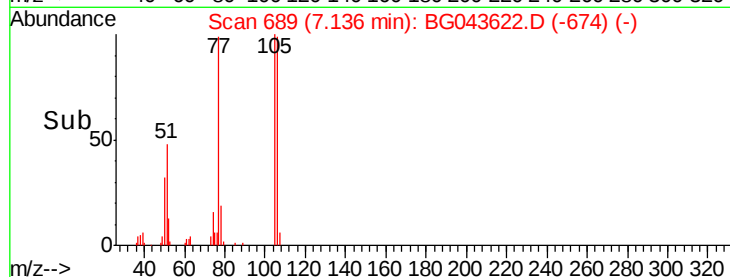
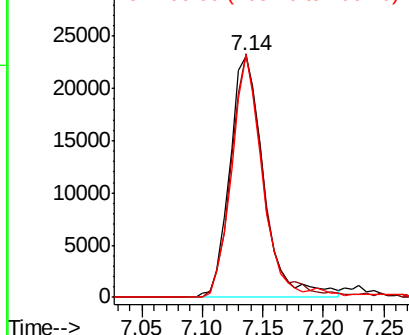
77 100

105 100.8 68.6 108.6

106 100.2 69.9 109.9



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: 44.166 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

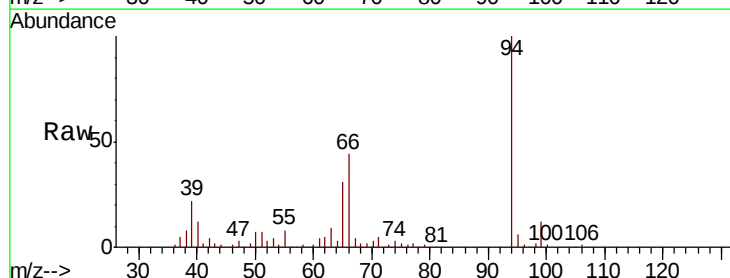
Tgt Ion: 94 Resp: 109299

Ion Ratio Lower Upper

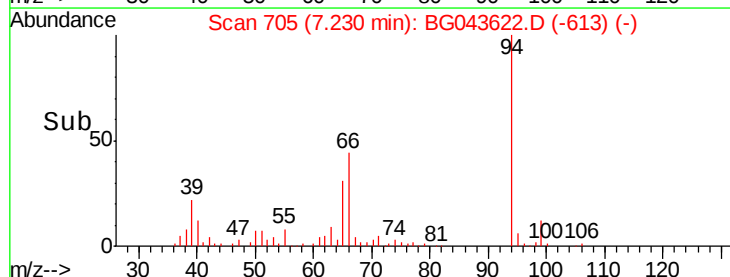
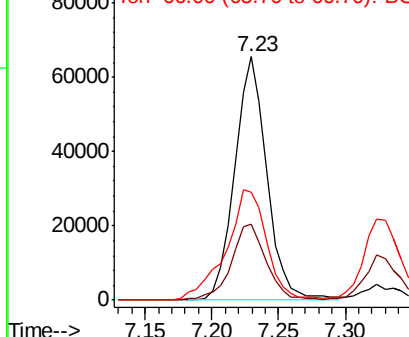
94 100

65 31.0 12.6 52.6

66 44.5 30.7 70.7



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

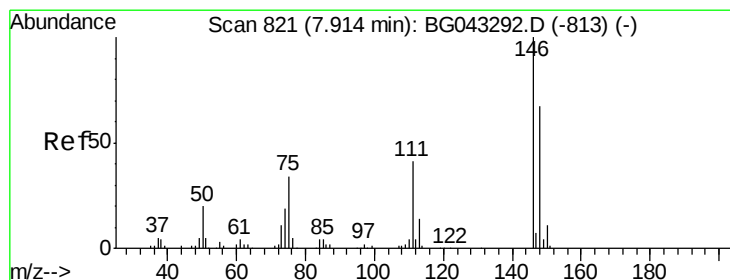
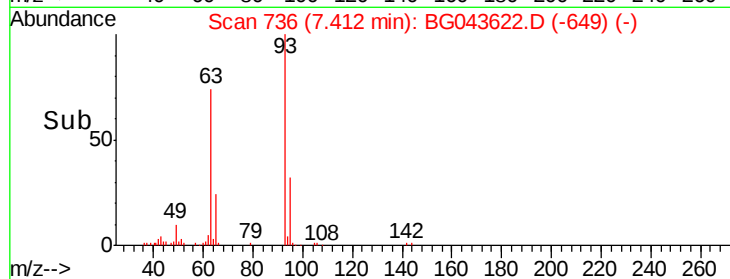
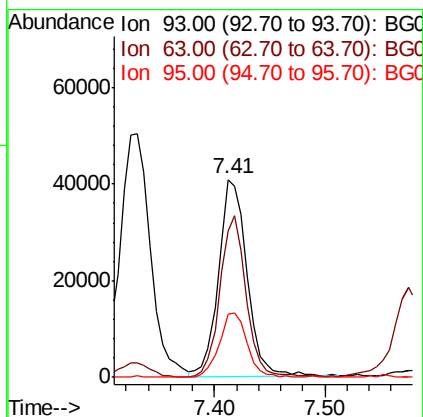
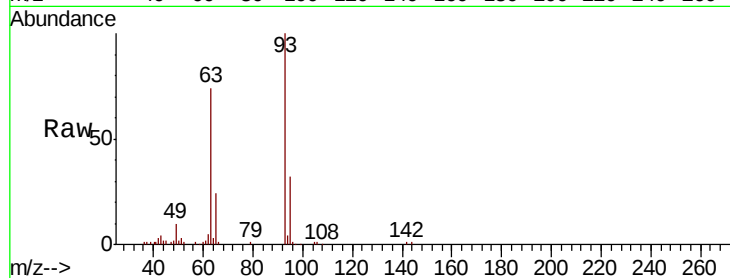




#11
bis(2-Chloroethyl)ether
Concen: 38.564 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

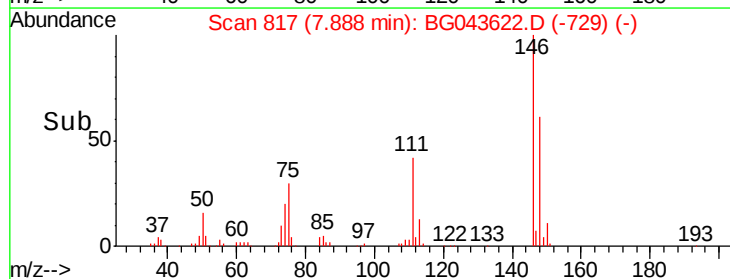
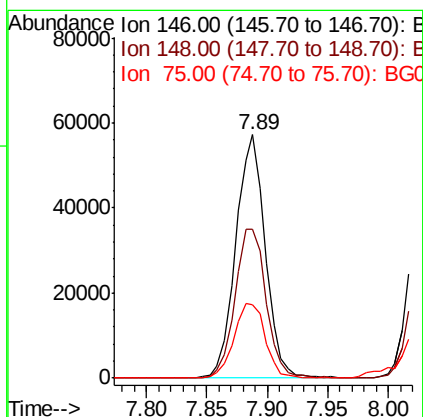
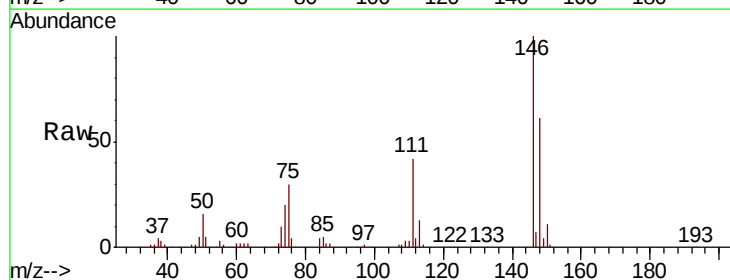
Instrument :
BNA_G
ClientSampleId :

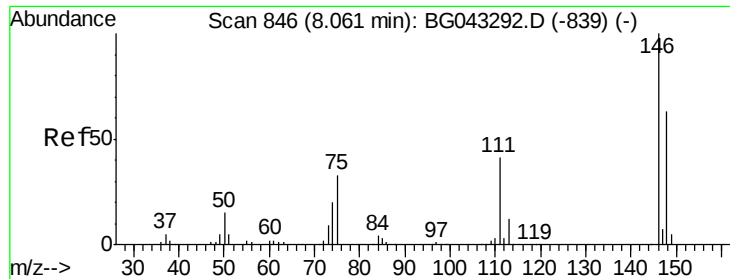
Tot Ion: 93 Resp: 73784
Ion Ratio Lower Upper
93 100
63 74.0 56.3 96.3
95 31.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.415 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion: 146 Resp: 97405
Ion Ratio Lower Upper
146 100
148 61.0 50.3 75.5
75 30.2 24.6 37.0

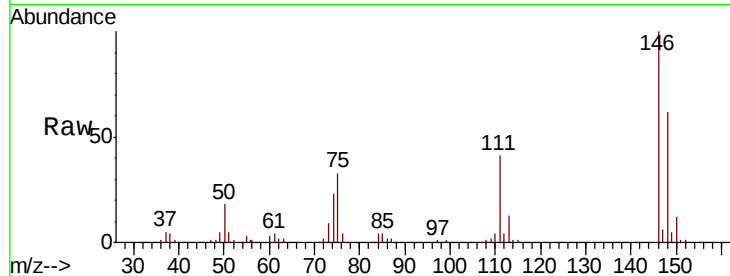




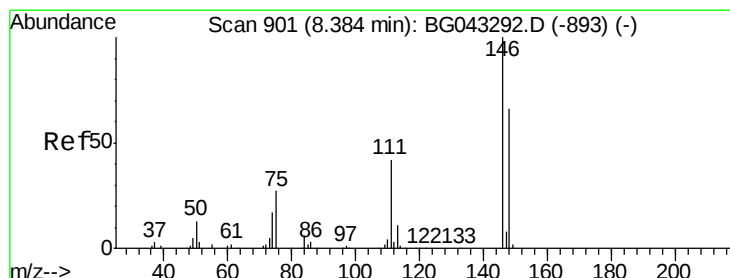
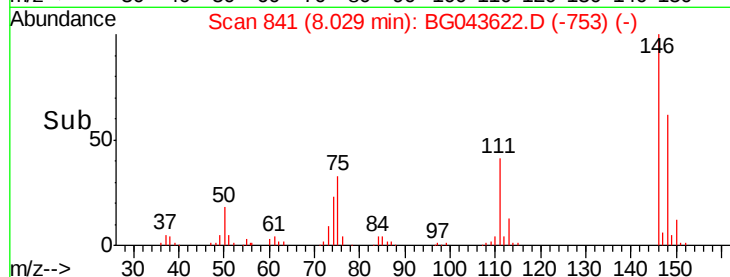
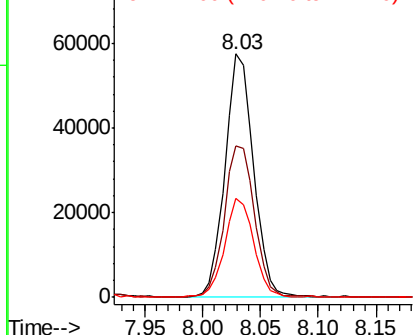
#13
 1,4-Dichlorobenzene
 Concen: 37.567 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 98951
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.7 76.1
 111 40.9 33.4 50.2

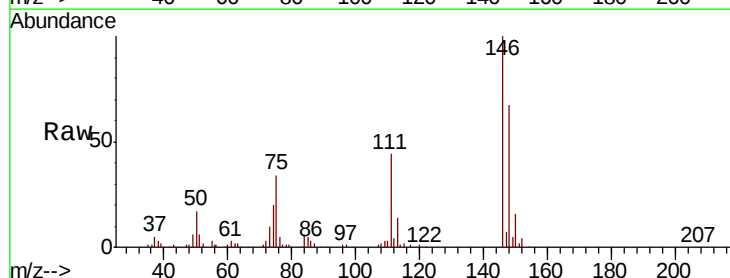


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

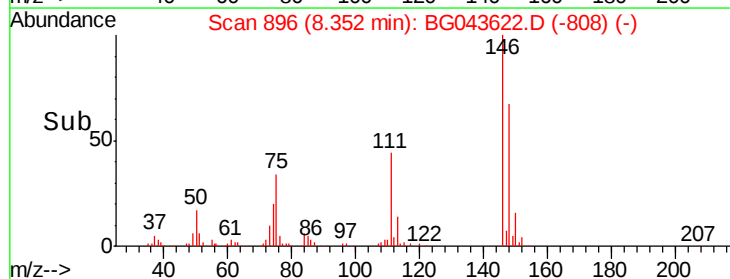
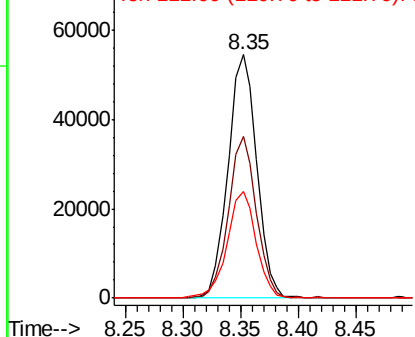


#14
 1,2-Dichlorobenzene
 Concen: 36.588 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion:146 Resp: 94095
 Ion Ratio Lower Upper
 146 100
 148 66.6 53.2 79.8
 111 43.8 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 40.407 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

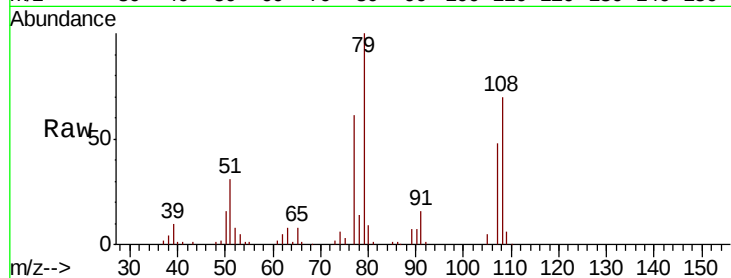
Tot Ion: 79 Resp: 76853

Ion Ratio Lower Upper

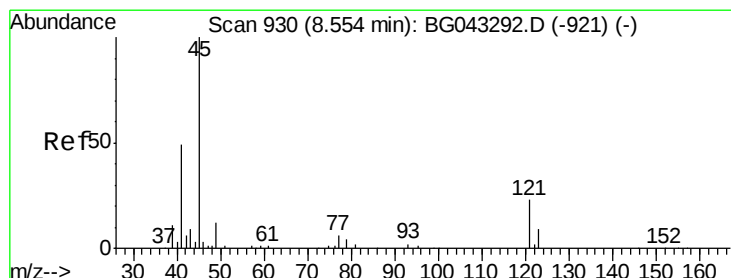
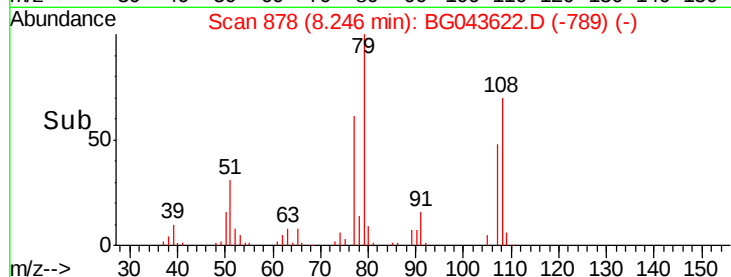
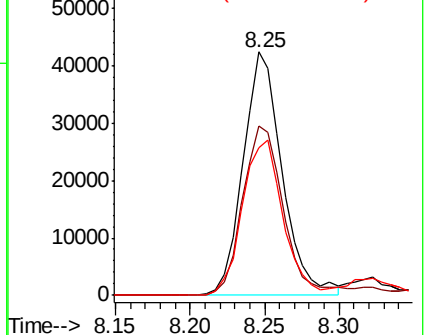
79 100

108 69.7 53.6 80.4

77 60.8 49.6 74.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.704 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

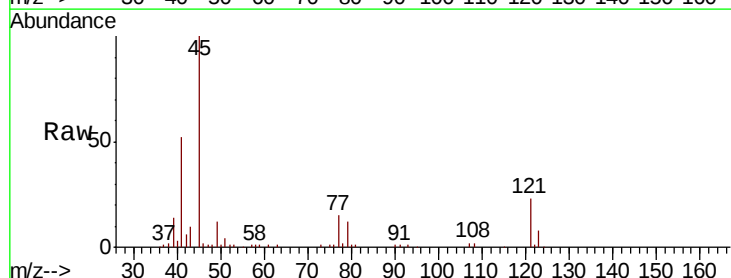
Tgt Ion: 45 Resp: 104896

Ion Ratio Lower Upper

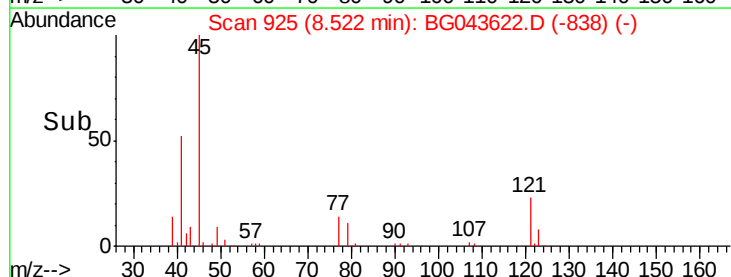
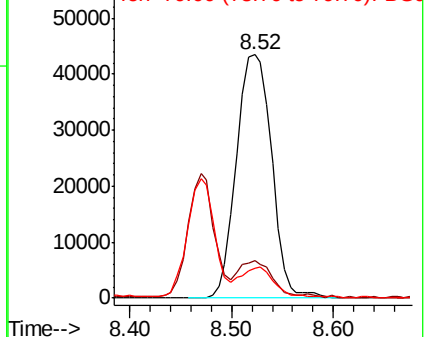
45 100

77 15.3 0.0 34.9

79 12.1 0.0 33.0



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





#17

2-Methylphenol

Concen: 41.483 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 74838

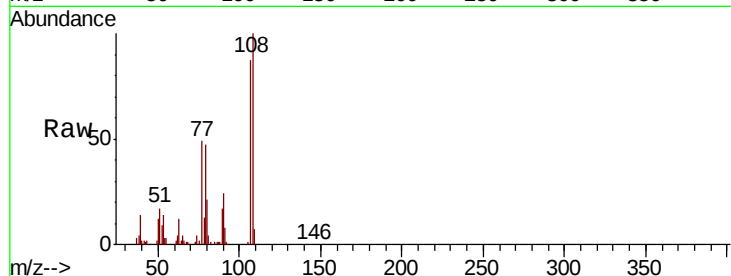
Ion Ratio Lower Upper

107 100

108 114.4 90.2 135.4

77 55.7 40.2 60.2

79 53.5 44.0 66.0

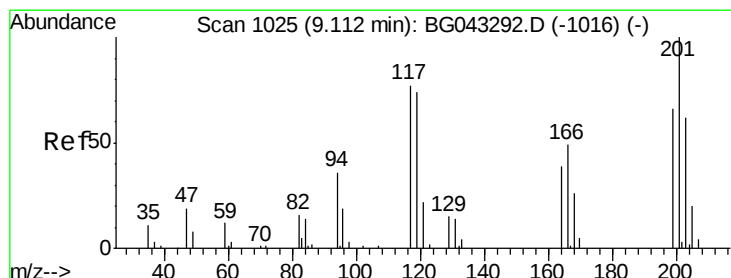
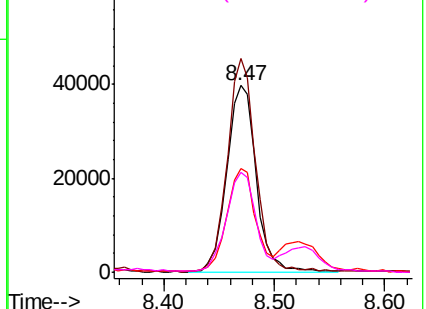
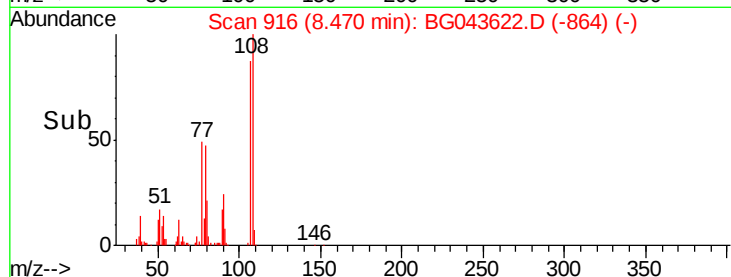


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.876 ng

RT: 9.07 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

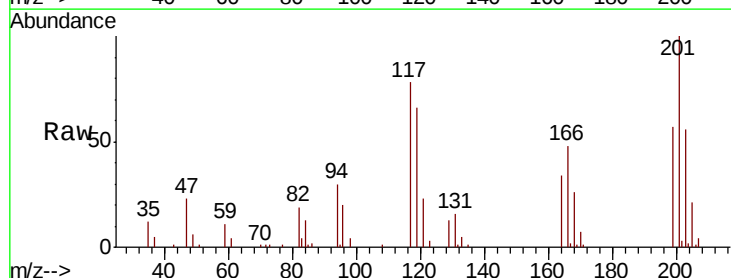
Tgt Ion:117 Resp: 35994

Ion Ratio Lower Upper

117 100

119 85.7 79.0 118.4

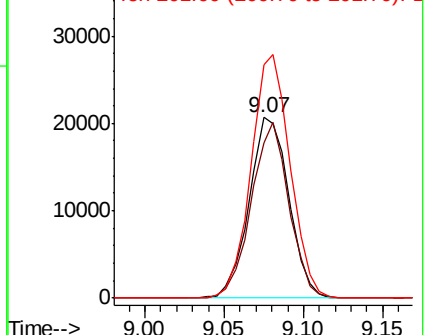
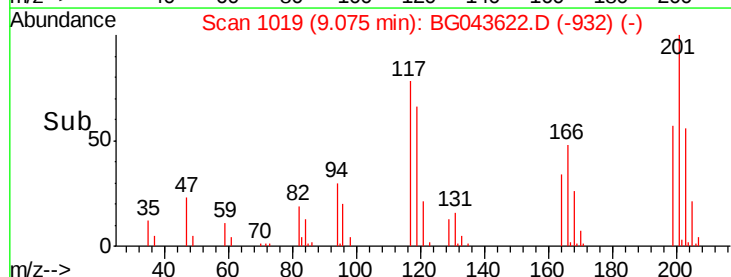
201 128.8 105.4 158.2

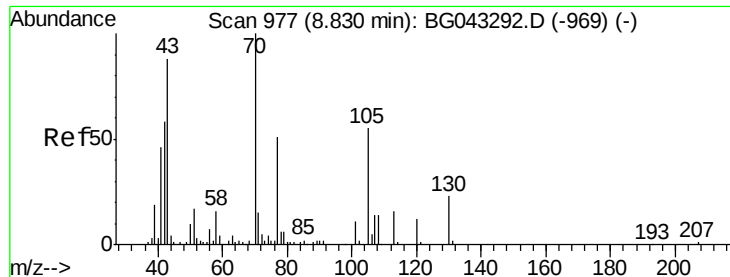


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

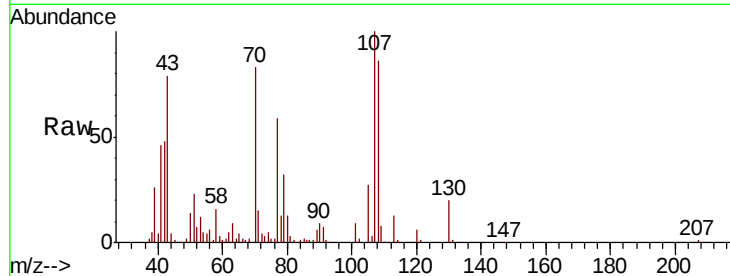




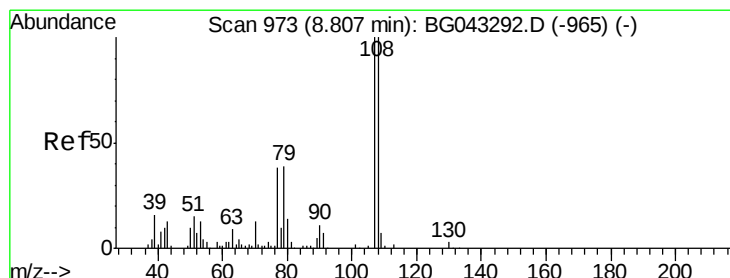
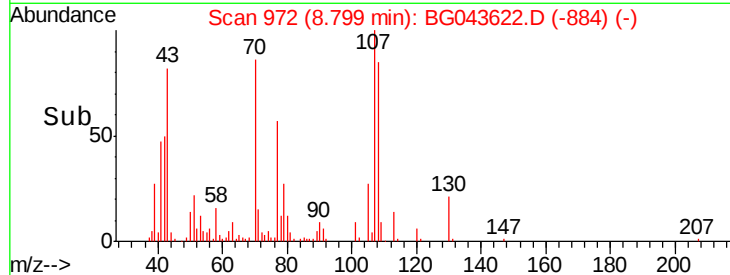
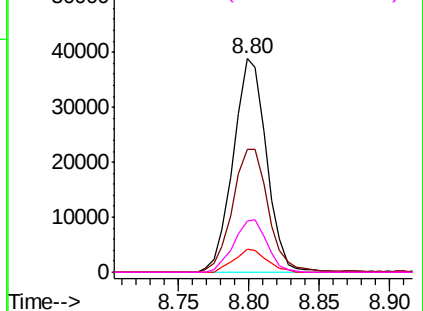
#19
n-Nitroso-di-n-propylamine
Concen: 36.560 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	63978
Ion	Ratio	Lower	Upper
70	100		
42	57.6	41.4	62.2
101	11.0	7.9	11.9
130	24.2	19.0	28.4

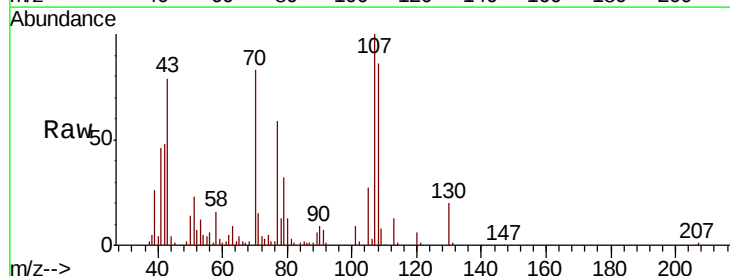


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

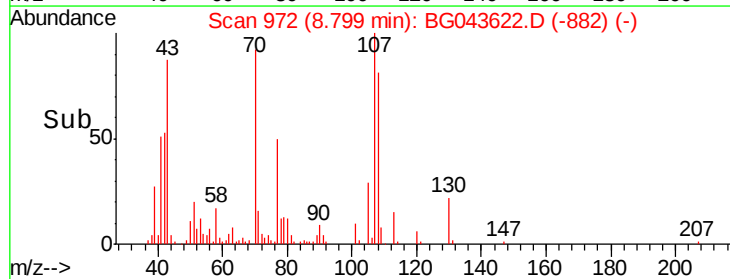
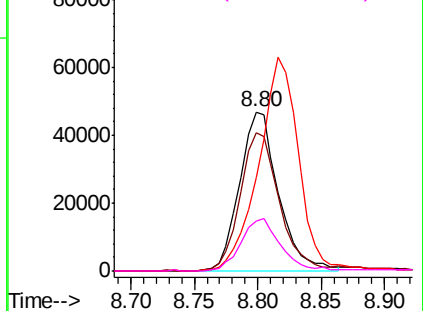


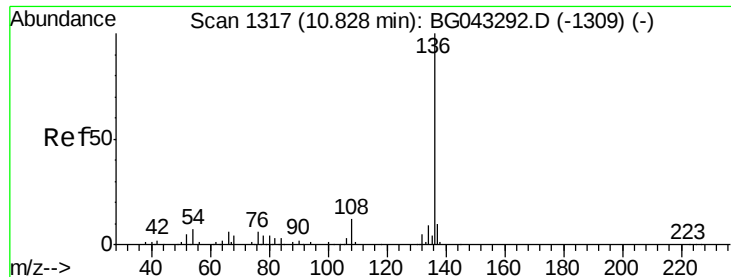
#20
3+4-Methylphenols
Concen: 40.445 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion:	107	Resp:	100054
Ion	Ratio	Lower	Upper
107	100		
108	86.4	66.6	106.6
77	58.9	20.9	60.9
79	31.6	11.3	51.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 135577

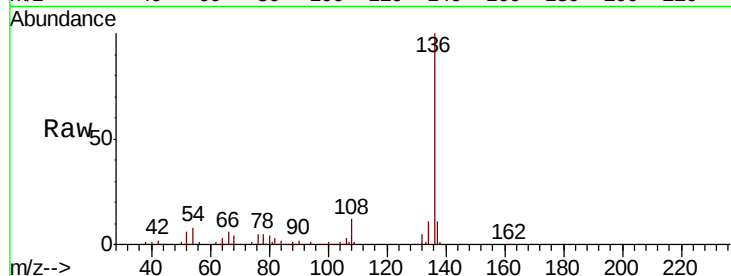
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.9 5.4 8.2

68 3.9 3.0 4.4

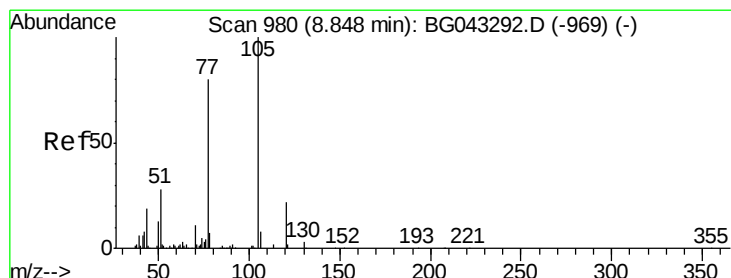
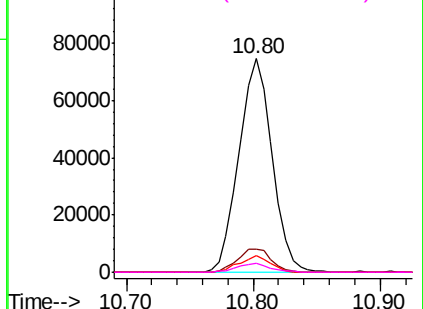
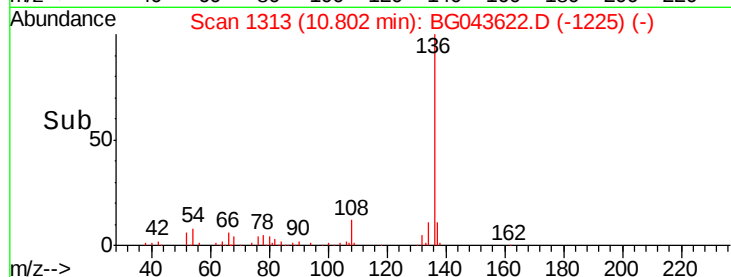


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 35.977 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion:105 Resp: 124911

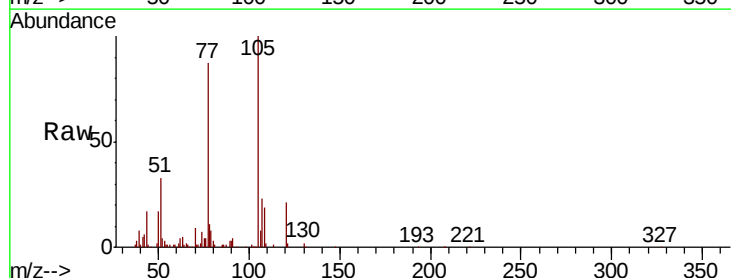
Ion Ratio Lower Upper

105 100

71 1.3 0.8 1.2#

51 32.6 21.0 31.4#

120 21.4 18.0 27.0

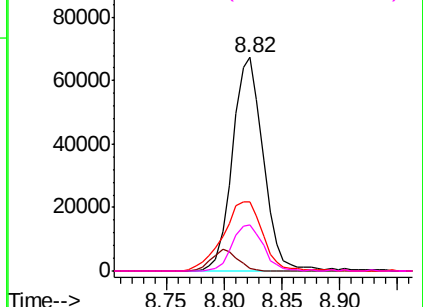
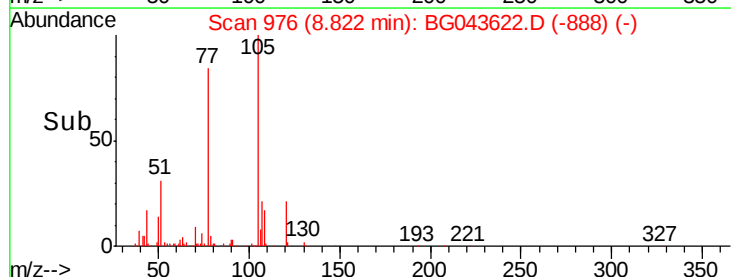


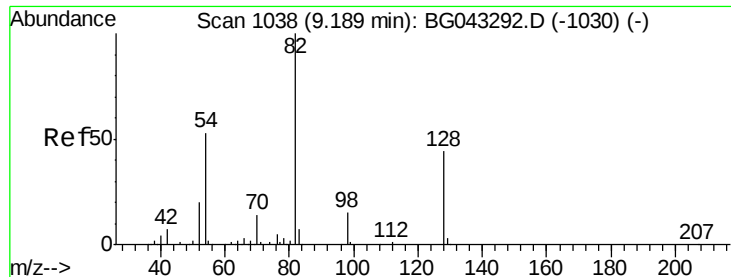
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

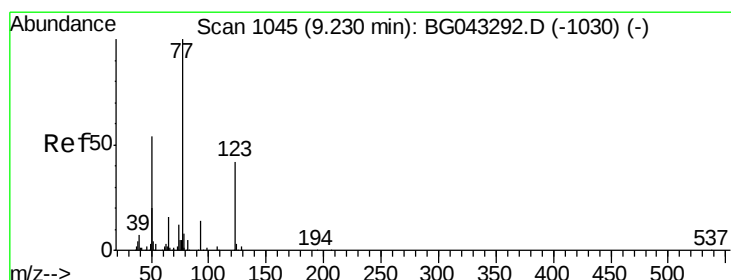
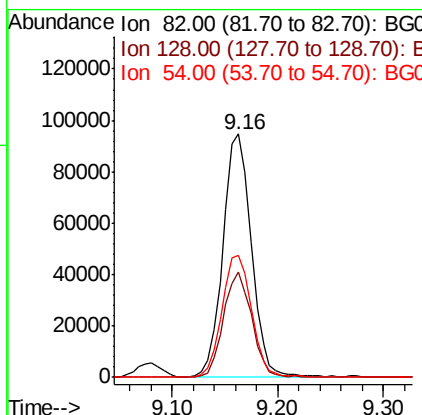
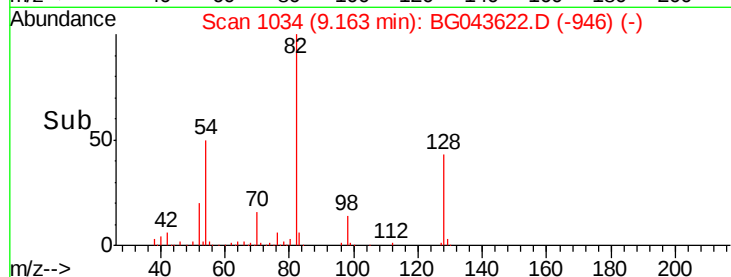
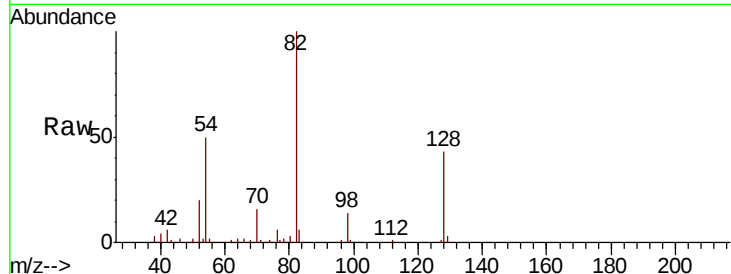




#23
 Nitrobenzene-d5
 Concen: 67.248 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

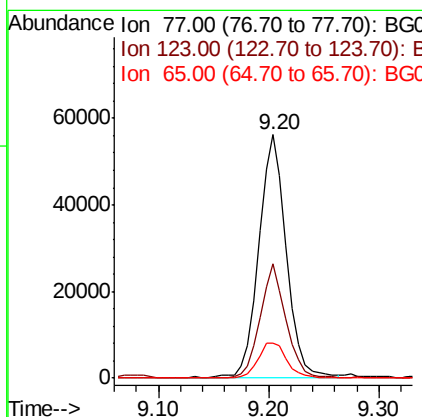
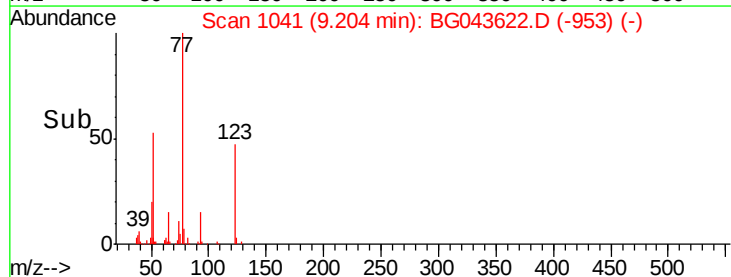
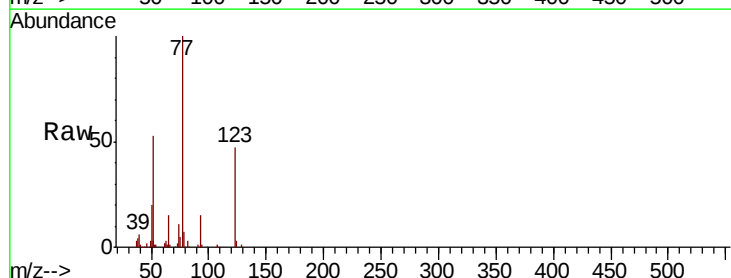
Instrument :
 BNA_G
 ClientSampleId :

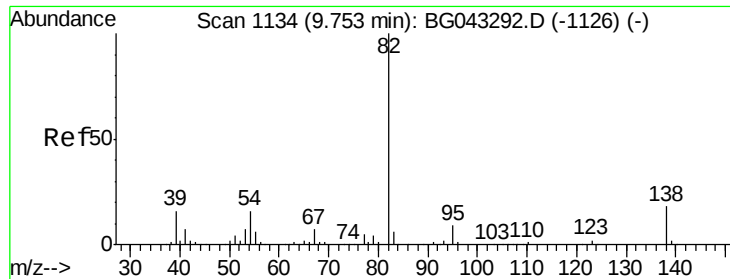
Tot Ion: 82 Resp: 176848
 Ion Ratio Lower Upper
 82 100
 128 43.4 35.0 52.6
 54 50.1 40.2 60.2



#24
 Nitrobenzene
 Concen: 39.308 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion: 77 Resp: 98473
 Ion Ratio Lower Upper
 77 100
 123 46.9 35.0 52.6
 65 14.6 9.5 14.3#





#25

Isophorone

Concen: 37.147 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampled :

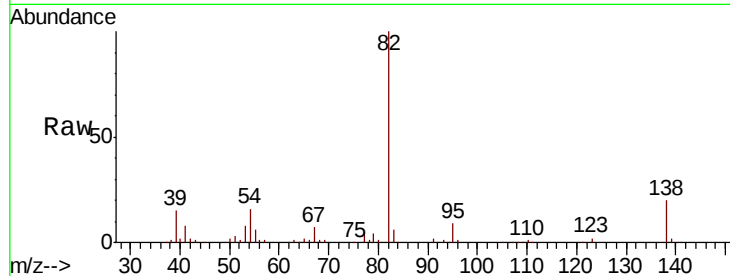
Tot Ion: 82 Resp: 178599

Ion Ratio Lower Upper

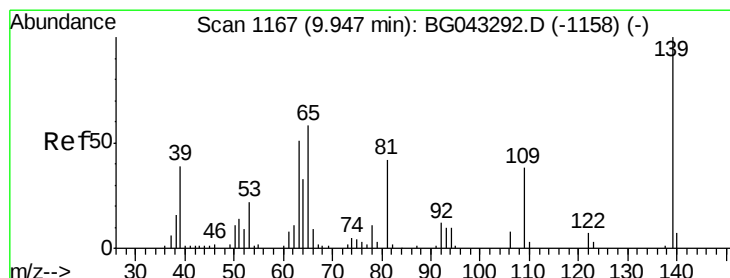
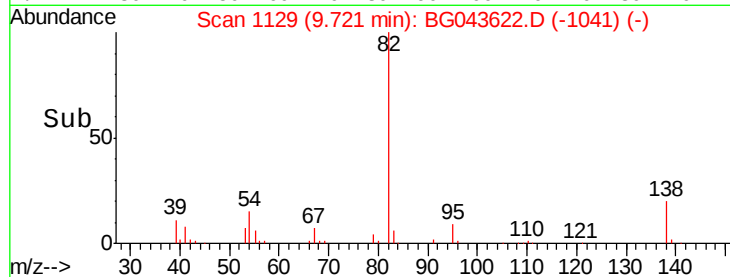
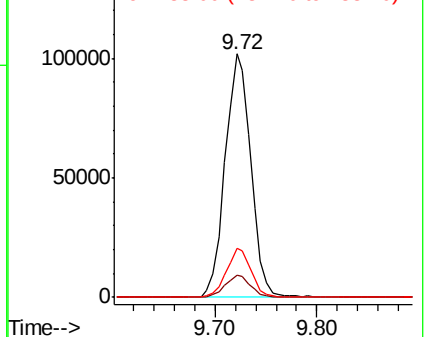
82 100

95 9.2 6.6 9.8

138 20.1 15.2 22.8



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



#26

2-Nitrophenol

Concen: 43.018 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

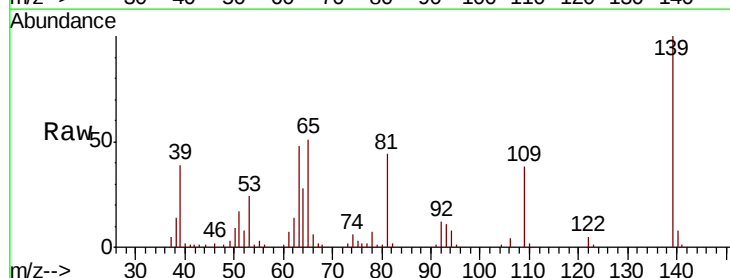
Tgt Ion: 139 Resp: 52028

Ion Ratio Lower Upper

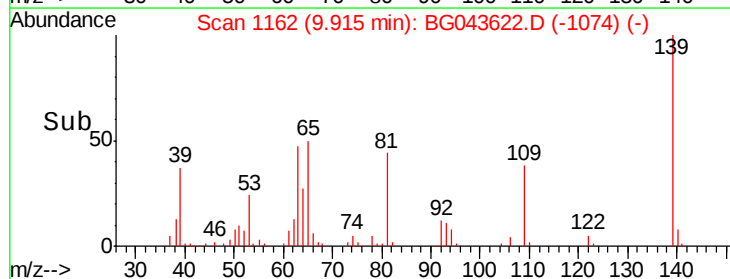
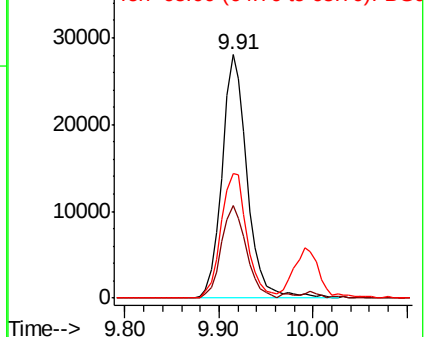
139 100

109 38.1 26.5 39.7

65 51.2 43.8 65.8



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

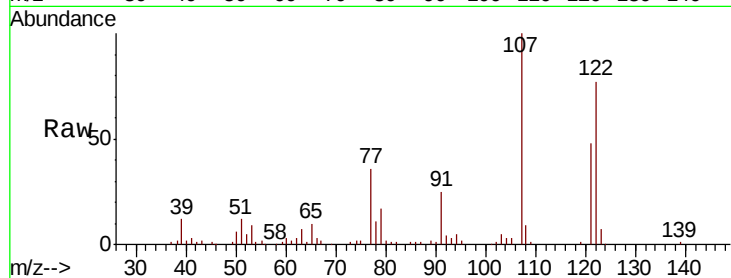




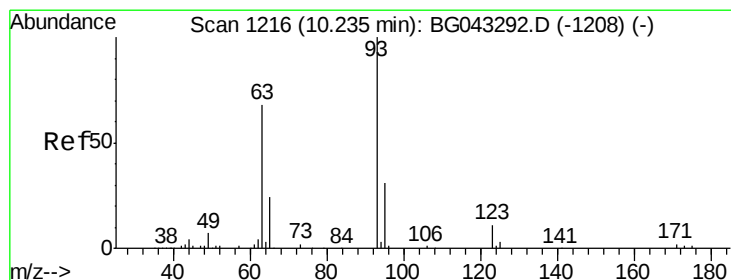
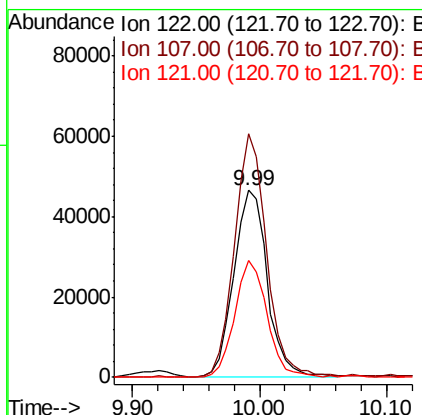
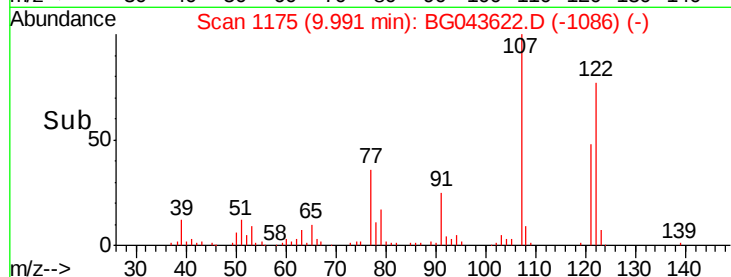
#27
 2,4-Dimethylphenol
 Concen: 48.694 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 84409
 Ion Ratio Lower Upper
 122 100
 107 130.3 104.4 156.6
 121 62.7 47.2 70.8

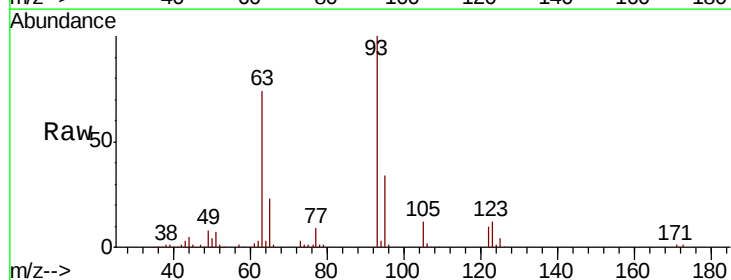


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

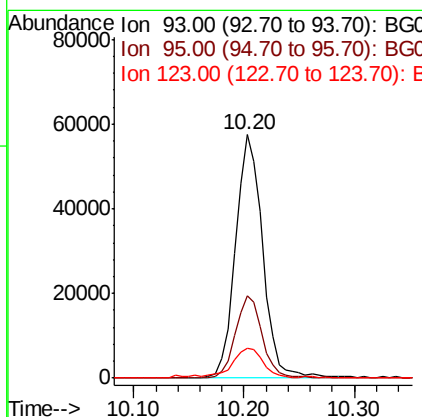
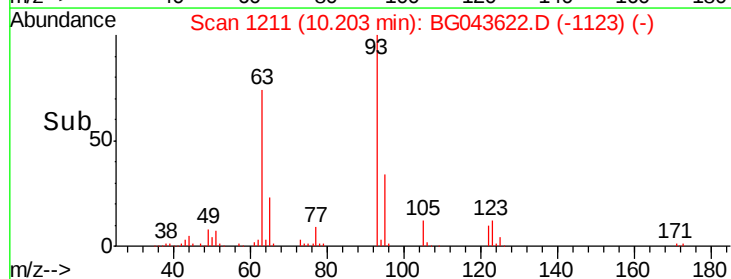


#28
 bis(2-Chloroethoxy)methane
 Concen: 37.447 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion: 93 Resp: 99369
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.0 39.0
 123 12.3 10.6 15.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

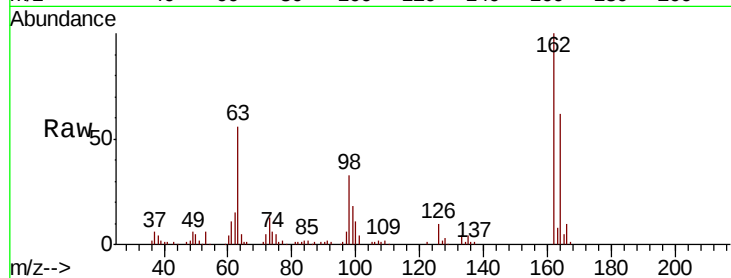




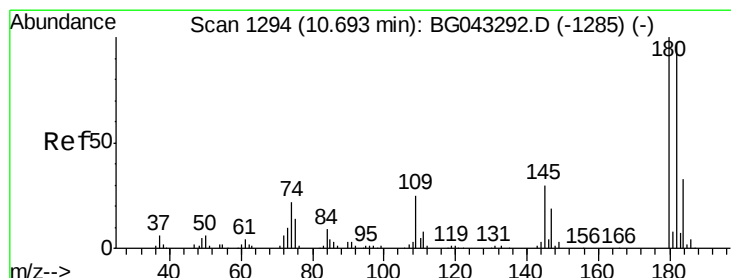
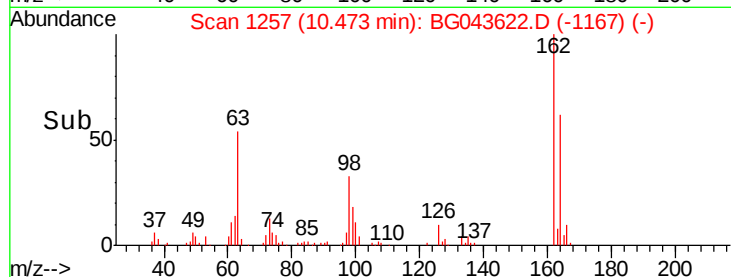
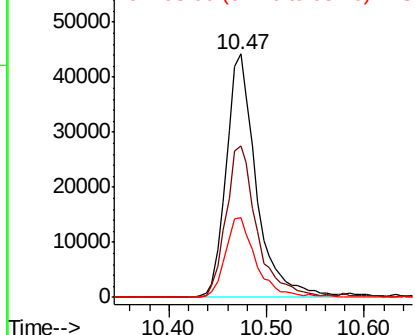
#29
2,4-Dichlorophenol
Concen: 42.598 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	48.9	88.9
98	32.6	15.1	55.1

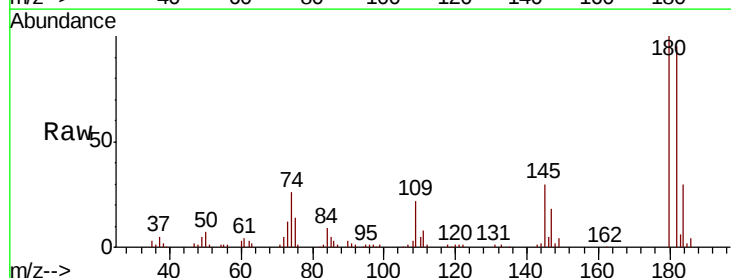


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

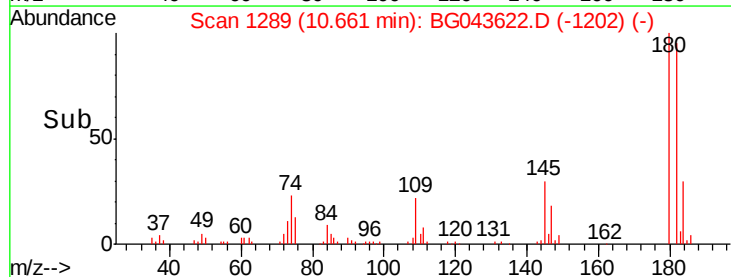
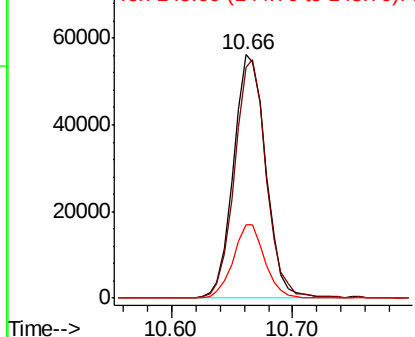


#30
1,2,4-Trichlorobenzene
Concen: 37.427 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.1	112.7
145	29.9	23.9	35.9



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

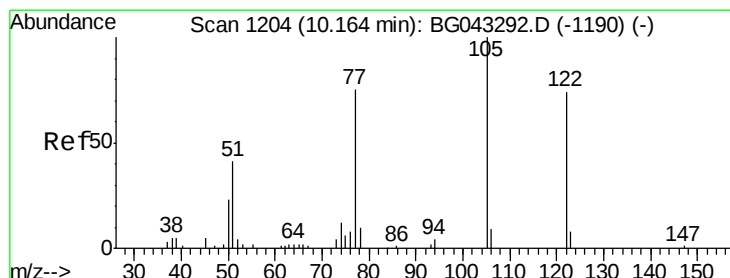
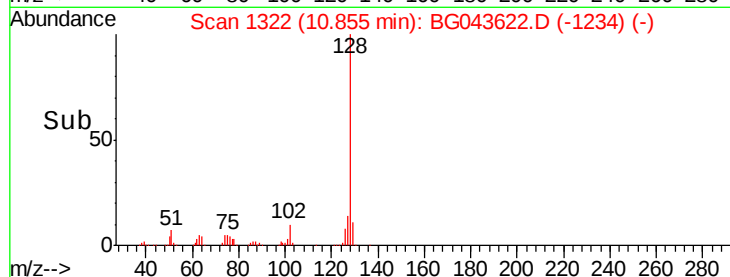
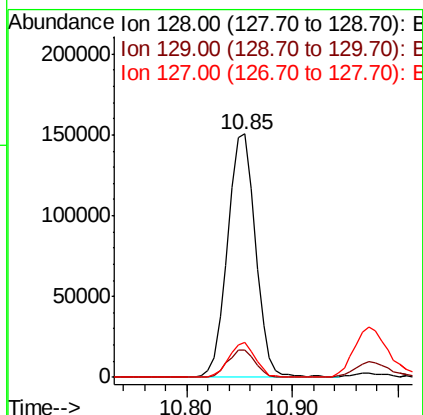
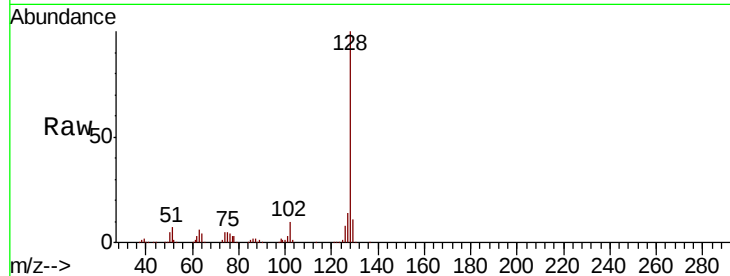




#31
Naphthalene
Concen: 39.907 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

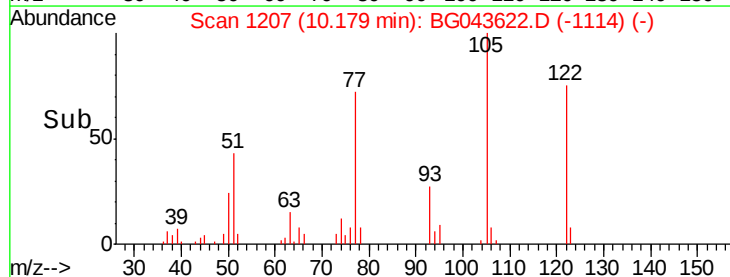
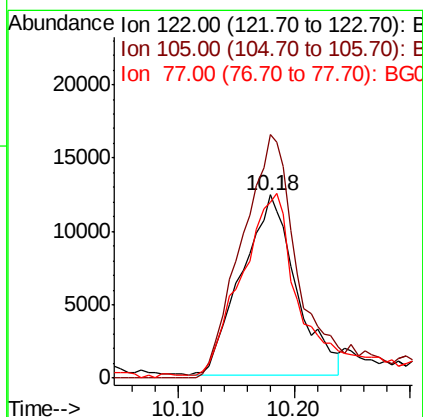
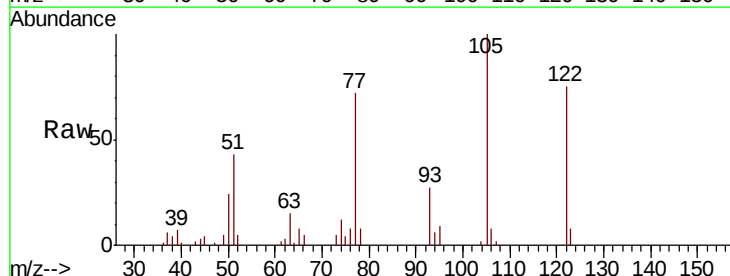
Instrument :
BNA_G
ClientSampleId :

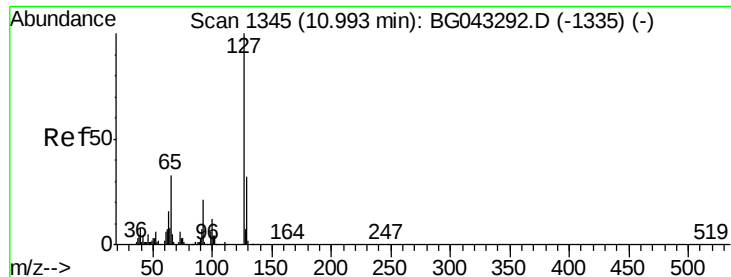
Tot Ion:128 Resp: 274632
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 14.3 11.1 16.7



#32
Benzoic acid
Concen: 33.820 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion:122 Resp: 40404
Ion Ratio Lower Upper
122 100
105 132.8 103.3 143.3
77 95.7 84.9 124.9

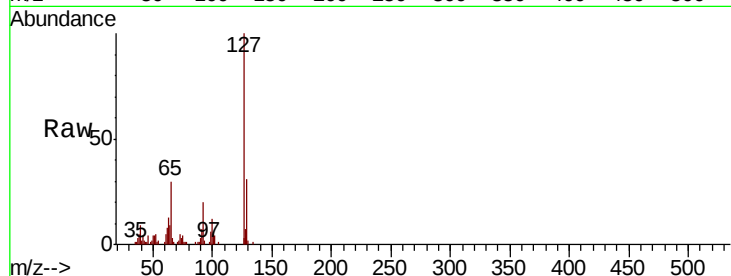




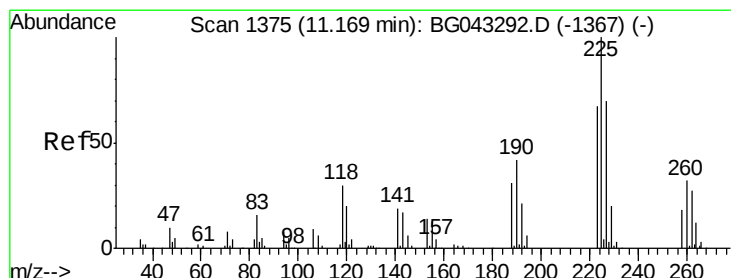
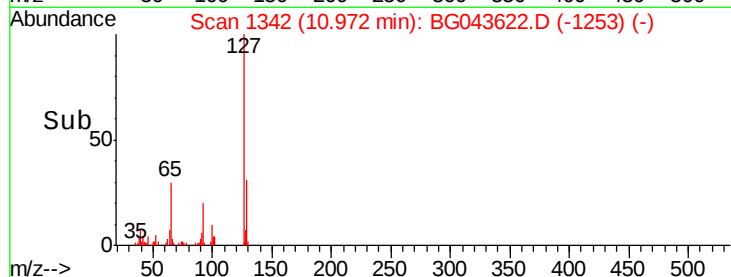
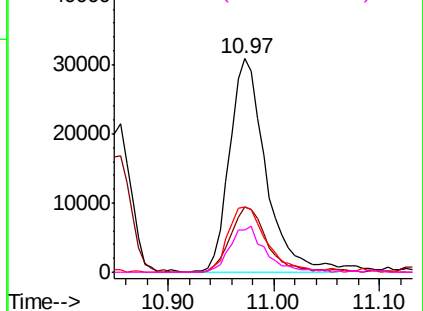
#33
4-Chloroaniline
Concen: 26.031 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	73432
Ion Ratio	Lower	Upper
127	100	
129	30.7	26.5 39.7
65	30.4	26.4 39.6
92	19.8	16.2 24.2

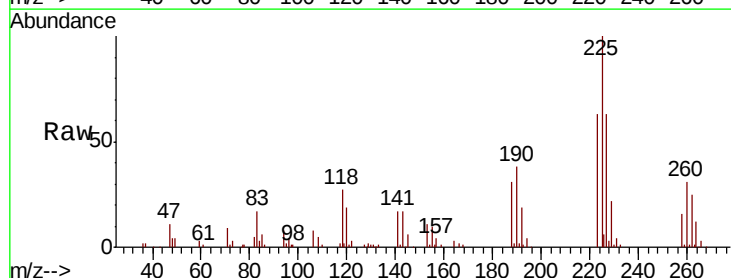


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

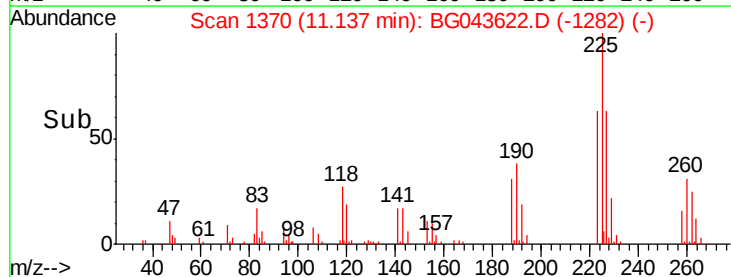
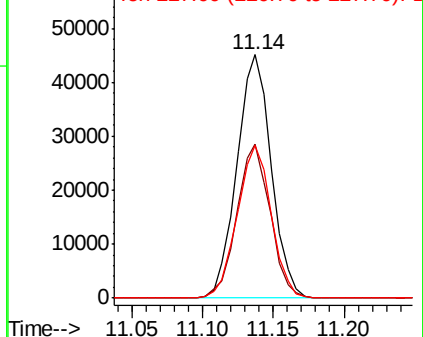


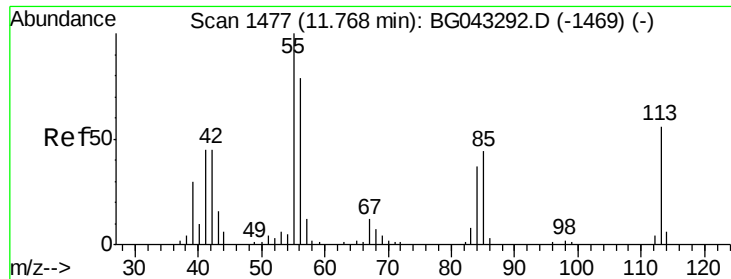
#34
Hexachlorobutadiene
Concen: 37.027 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion:225	Resp:	76621
Ion Ratio	Lower	Upper
225	100	
223	63.2	52.7 79.1
227	62.6	54.8 82.2



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





#35

Caprolactam

Concen: 26.828 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampled :

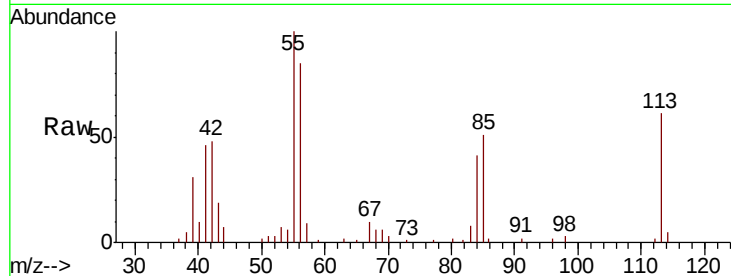
Tot Ion:113 Resp: 20522

Ion Ratio Lower Upper

113 100

55 164.1 134.1 174.1

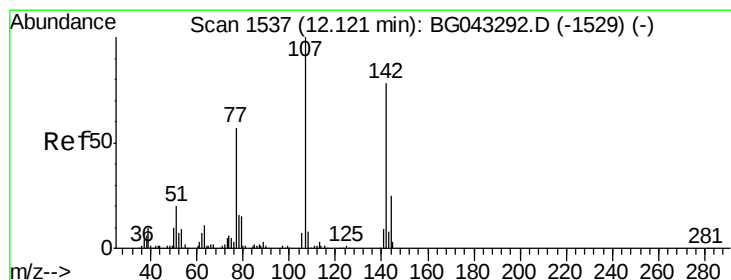
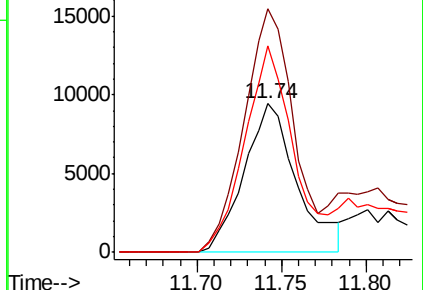
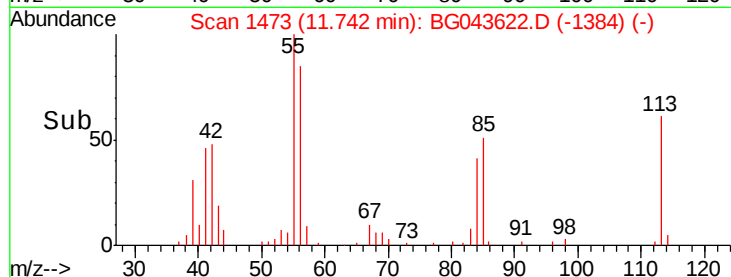
56 139.4 100.4 140.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.749 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

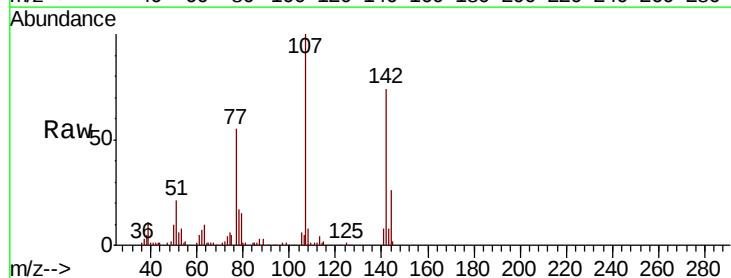
Tgt Ion:107 Resp: 101145

Ion Ratio Lower Upper

107 100

144 25.7 20.9 31.3

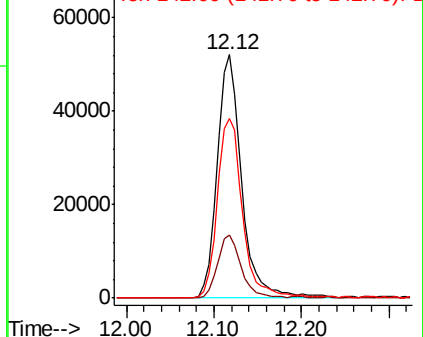
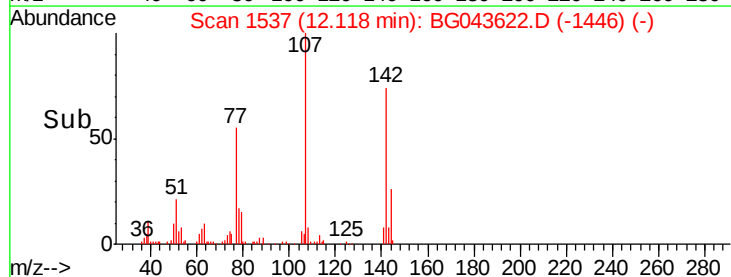
142 73.7 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

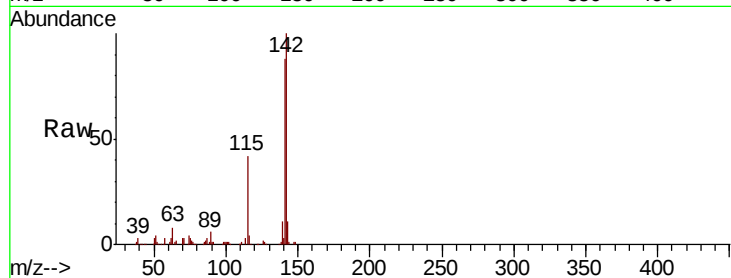




#37
2-Methylnaphthalene
Concen: 38.940 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.2	108.2
115	41.6	33.2	49.8

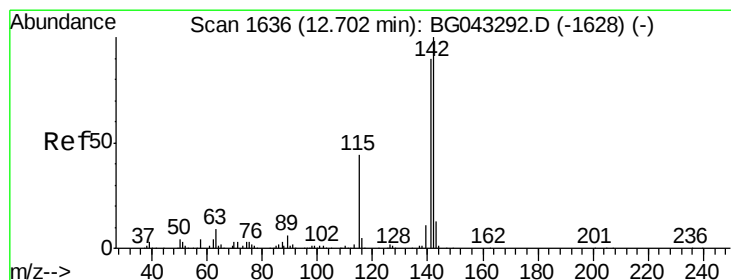
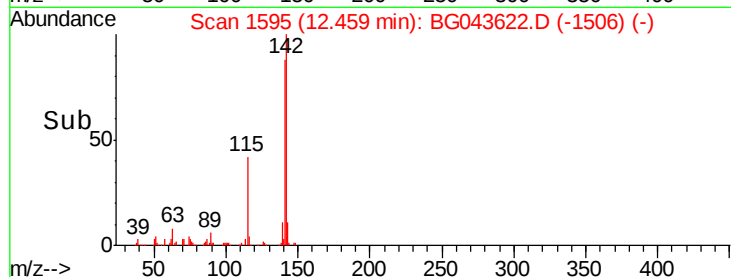
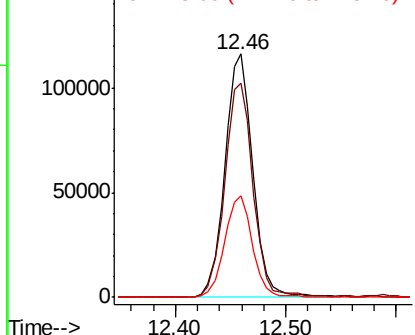


Abundance

Ion 142.00 (141.70 to 142.70): E

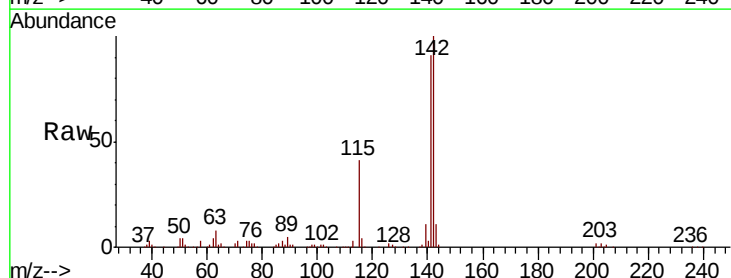
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.314 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
116	4.0	3.6	5.4

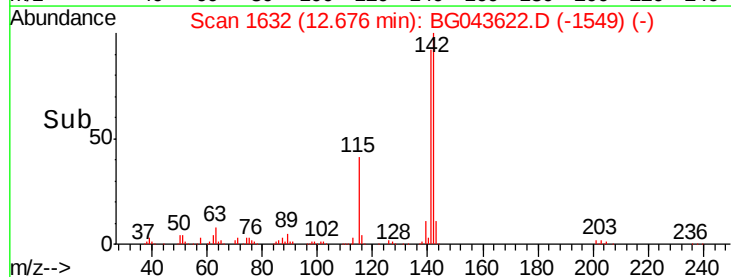
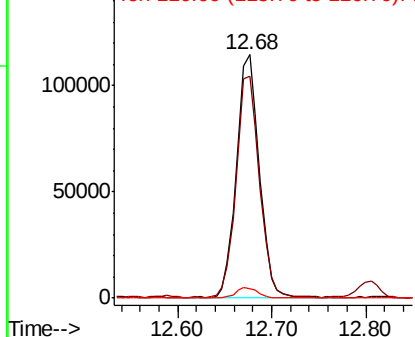


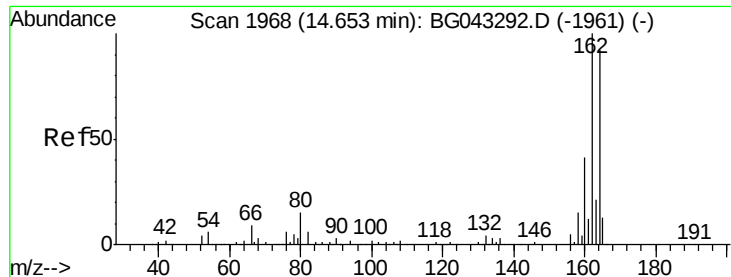
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

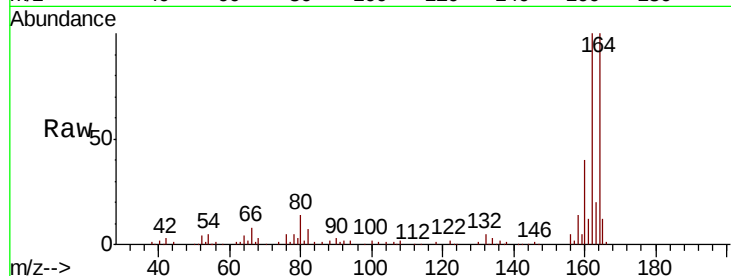
Tot Ion:164 Resp: 96268

Ion Ratio Lower Upper

164 100

162 100.4 83.5 125.3

160 40.5 36.5 54.7

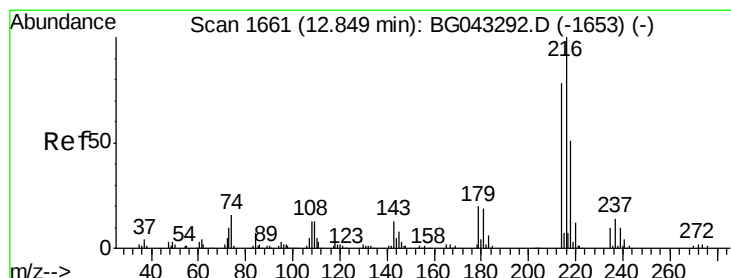
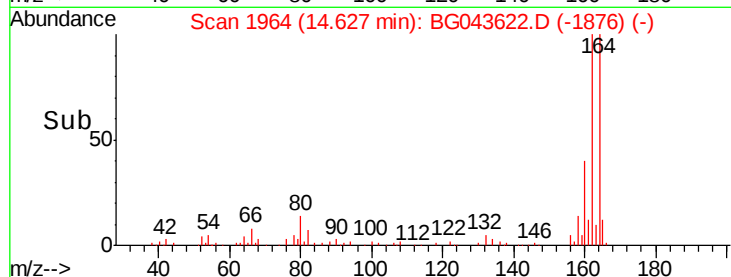
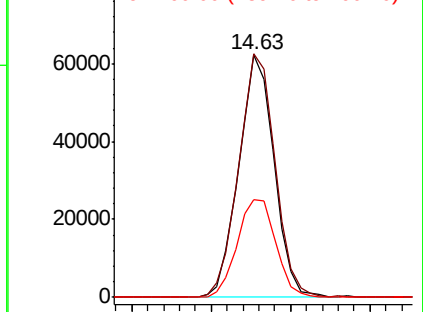


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.567 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion:216 Resp: 133841

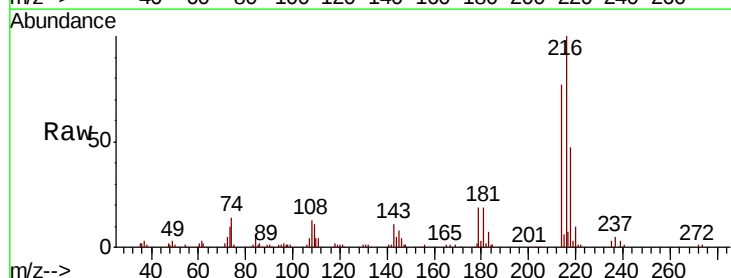
Ion Ratio Lower Upper

216 100

214 76.8 61.7 92.5

179 19.9 15.8 23.8

108 16.0 11.5 17.3



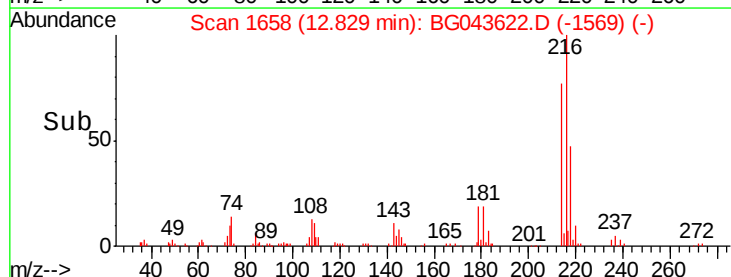
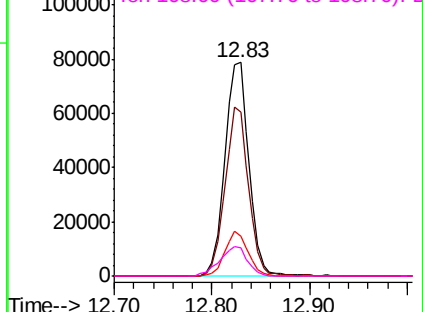
Abundance

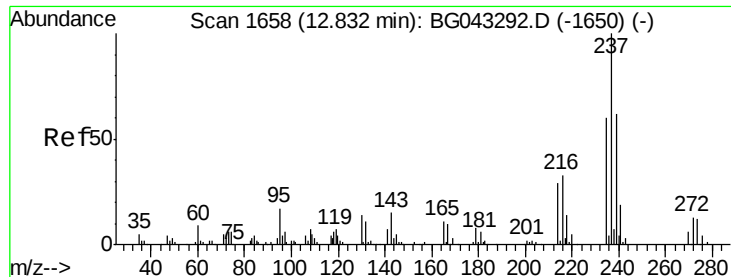
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 66.332 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

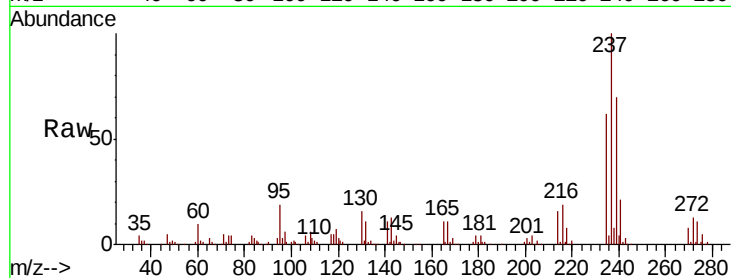
Tot Ion:237 Resp: 124142

Ion Ratio Lower Upper

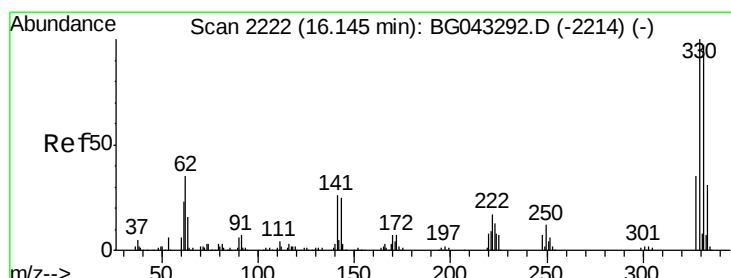
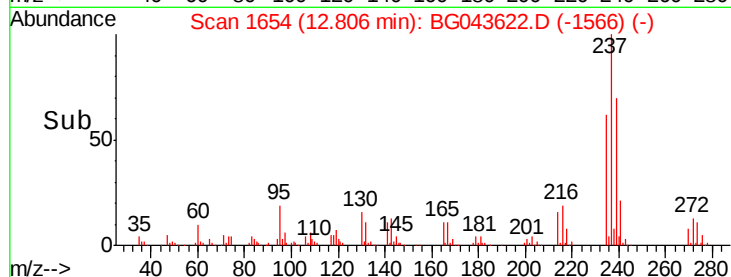
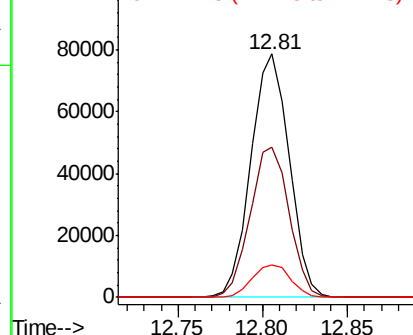
237 100

235 61.6 41.6 81.6

272 13.4 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: 61.392 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

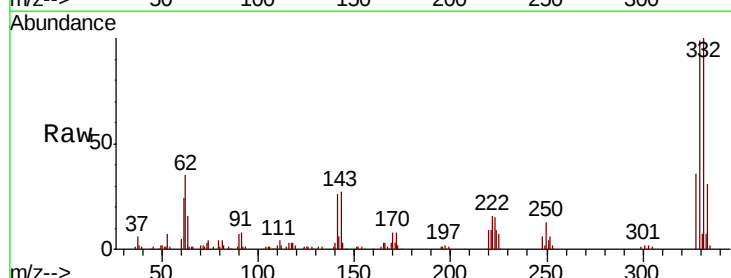
Tgt Ion:330 Resp: 112470

Ion Ratio Lower Upper

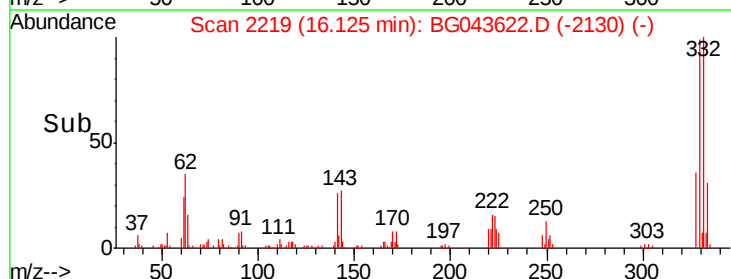
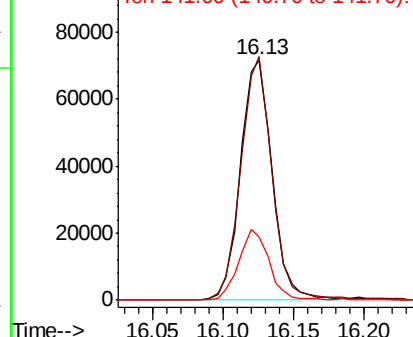
330 100

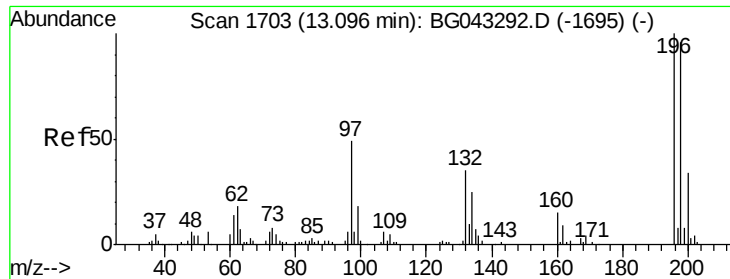
332 100.2 77.4 116.0

141 28.1 22.8 34.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

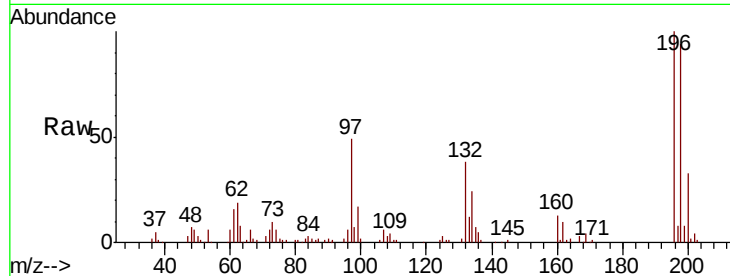




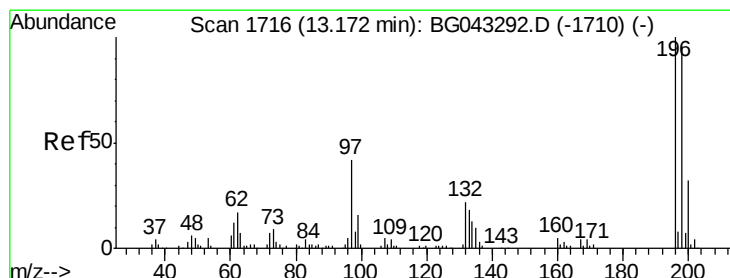
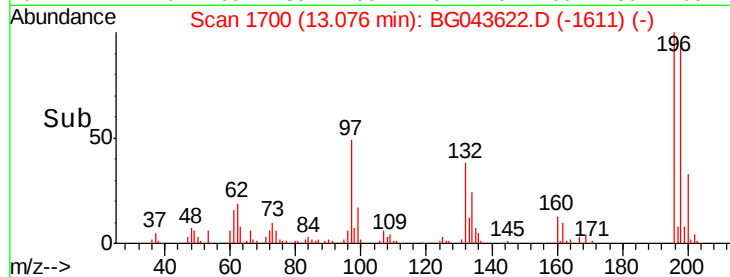
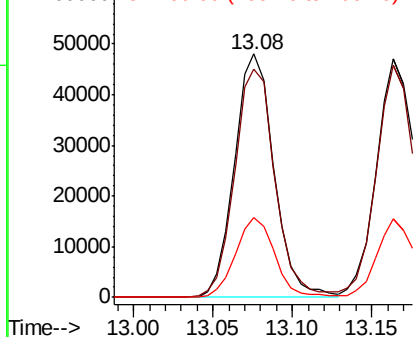
#43
 2,4,6-Trichlorophenol
 Concen: 39.615 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 83118
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.8 113.6
 200 32.6 23.9 35.9

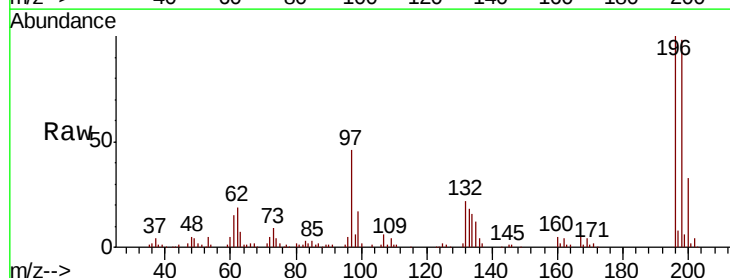


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

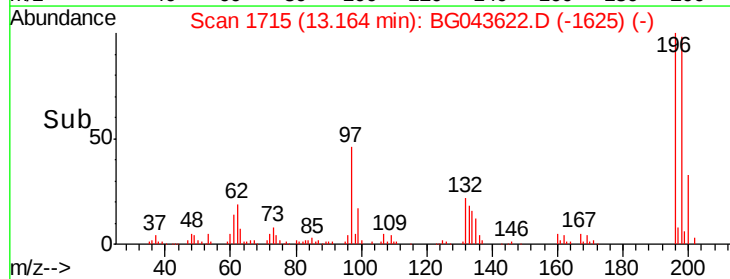
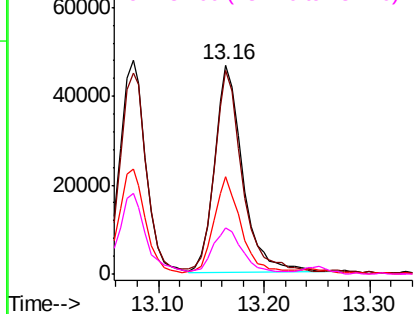


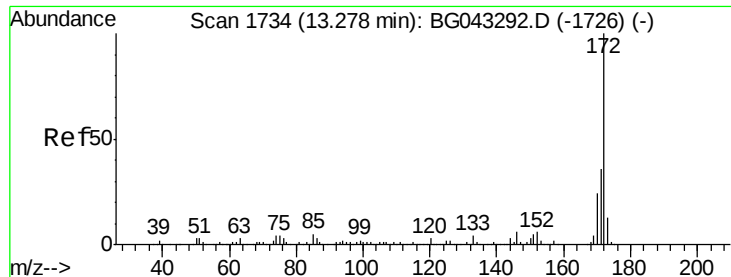
#44
 2,4,5-Trichlorophenol
 Concen: 41.109 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion:196 Resp: 87199
 Ion Ratio Lower Upper
 196 100
 198 97.7 74.5 111.7
 97 46.5 36.3 54.5
 132 22.1 17.4 26.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

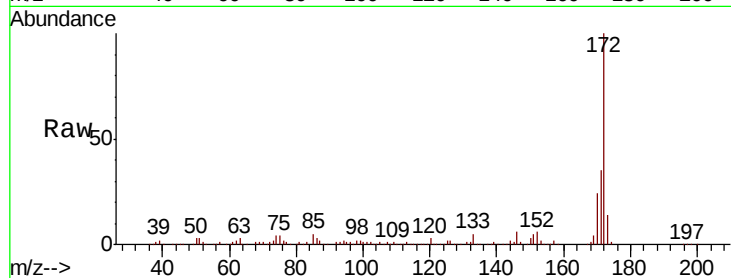




#45
2-Fluorobiphenyl
Concen: 68.287 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.9	18.5	27.7

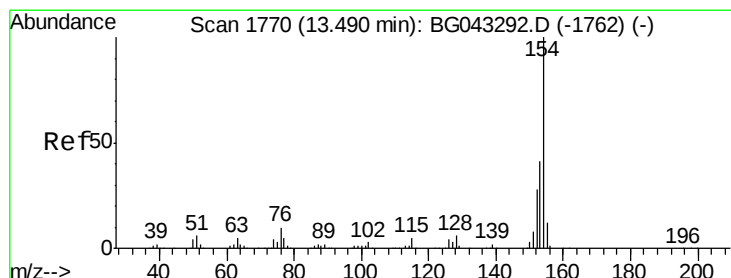
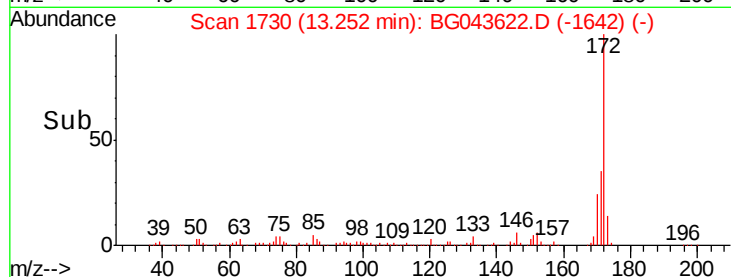
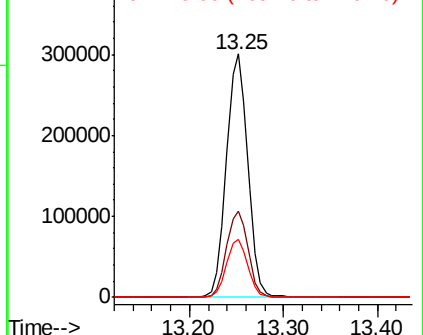


Abundance

Ion 172.00 (171.70 to 172.70): E

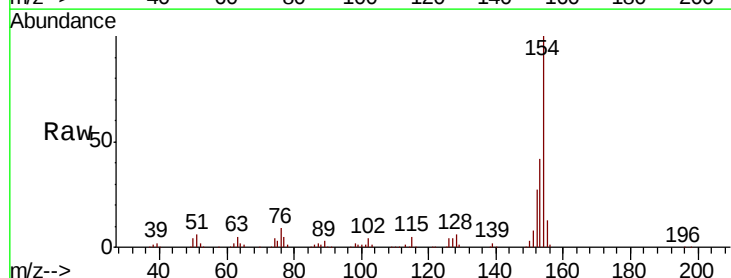
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.225 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.9	59.9
76	9.5	0.0	29.4

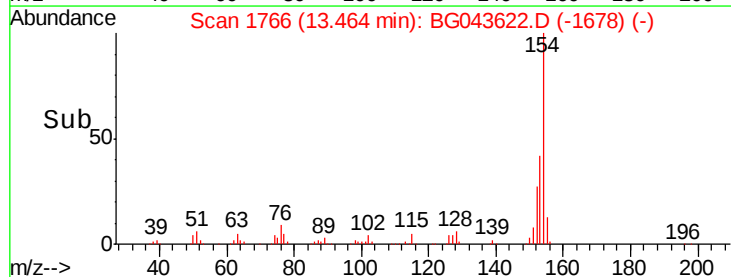
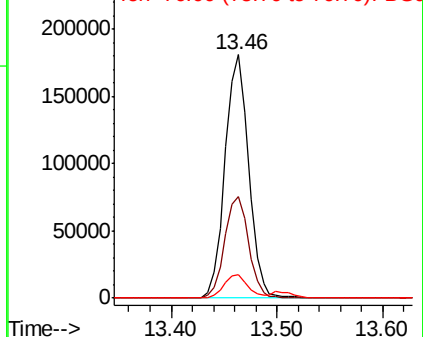


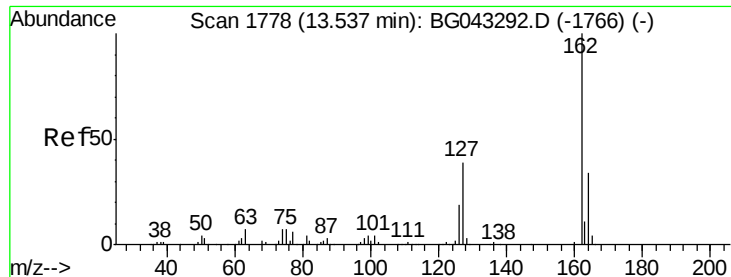
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

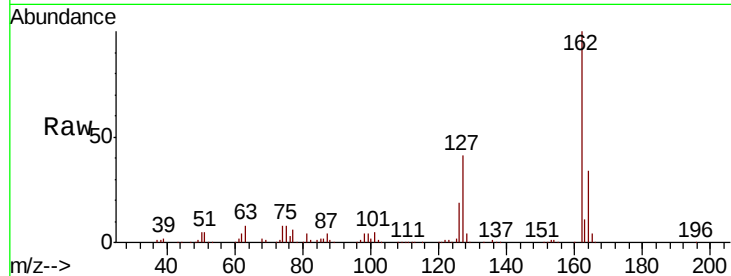




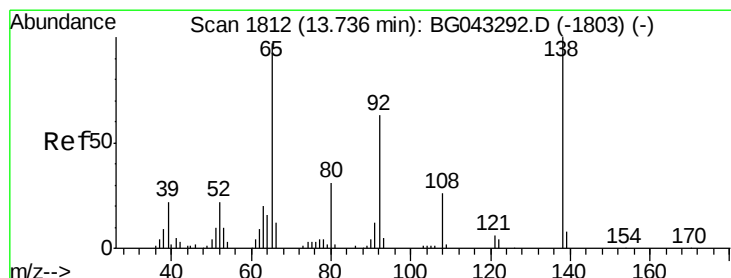
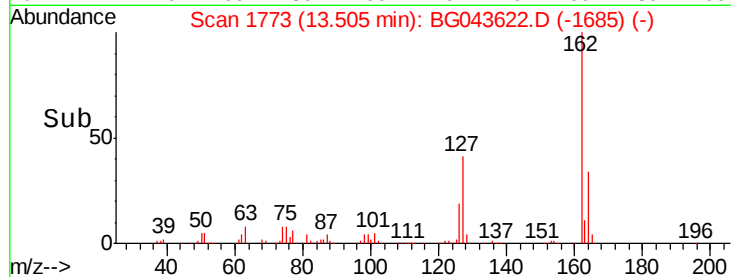
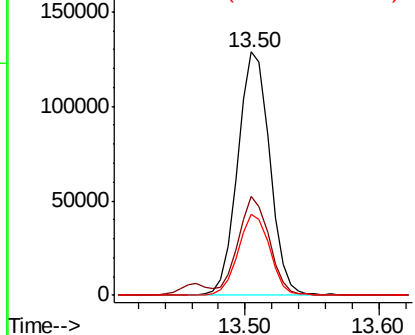
#47
 2-Chloronaphthalene
 Concen: 38.479 ng
 RT: 13.50 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.2	46.8
164	33.5	25.8	38.8

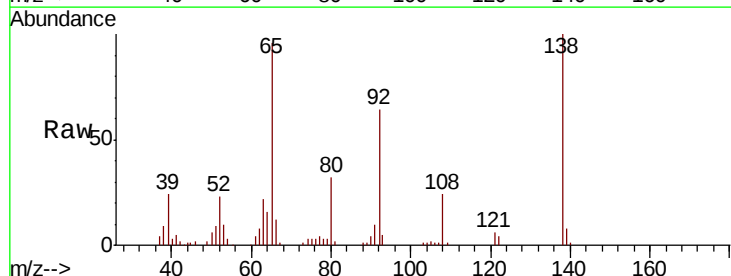


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

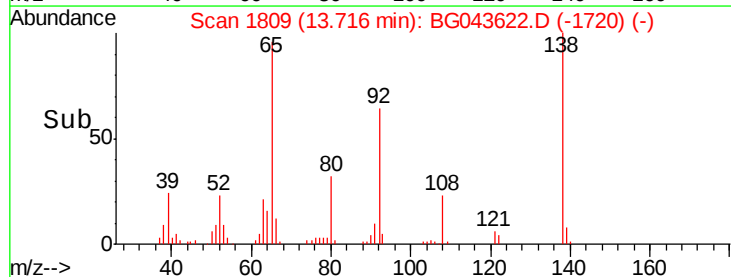
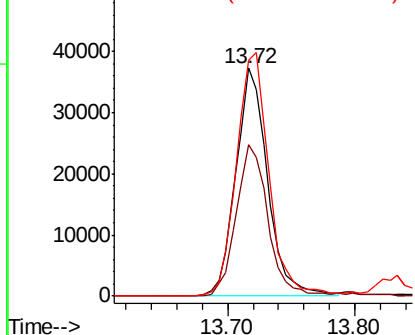


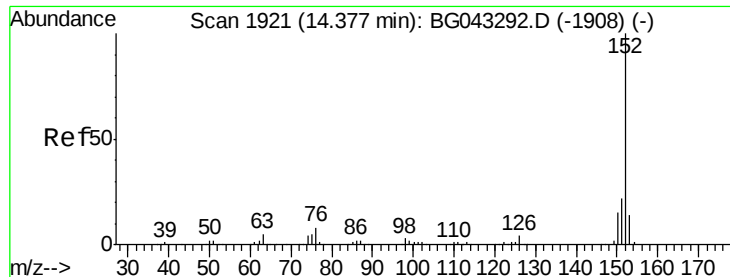
#48
 2-Nitroaniline
 Concen: 38.950 ng
 RT: 13.72 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	56.2	84.2
138	103.7	82.6	123.8



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





#49

Acenaphthylene

Concen: 40.618 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

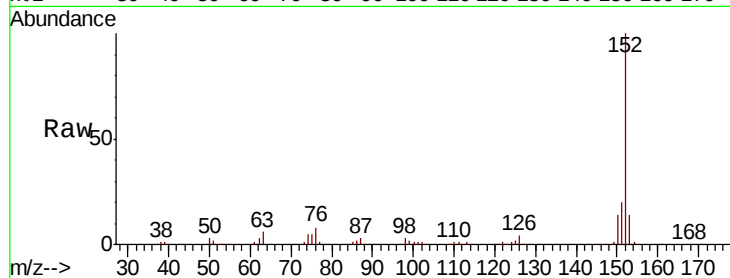
Tot Ion:152 Resp: 352253

Ion Ratio Lower Upper

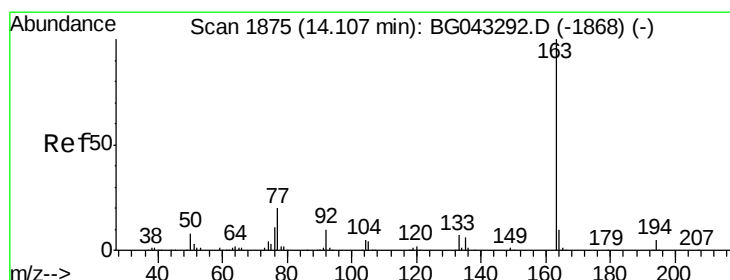
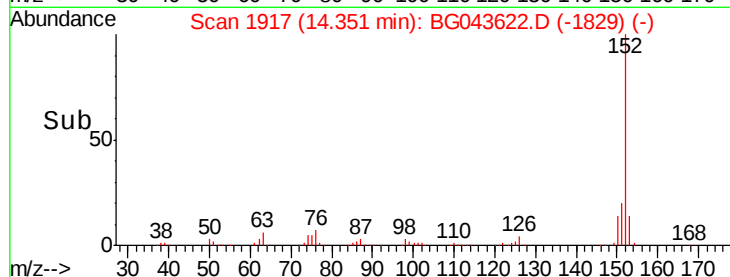
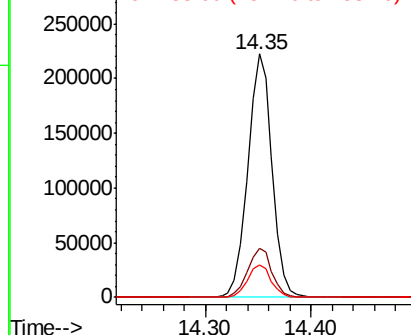
152 100

151 20.4 16.2 24.4

153 13.5 10.6 15.8



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



#50

Dimethylphthalate

Concen: 37.211 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

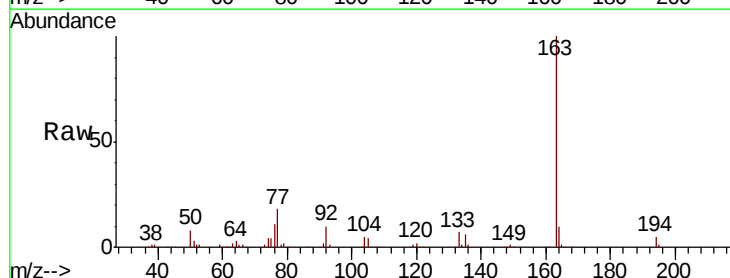
Tgt Ion:163 Resp: 277466

Ion Ratio Lower Upper

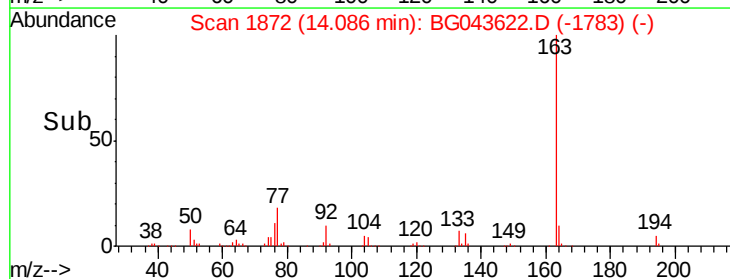
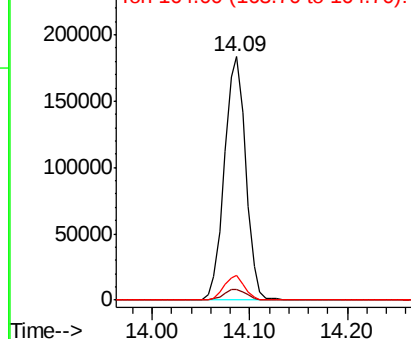
163 100

194 4.6 3.8 5.6

164 10.2 8.9 13.3



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

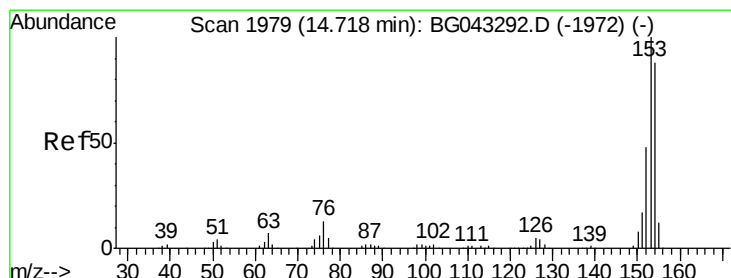
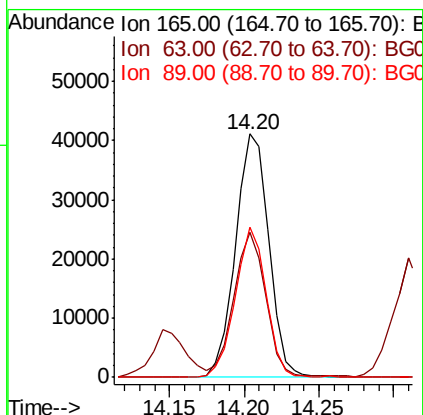
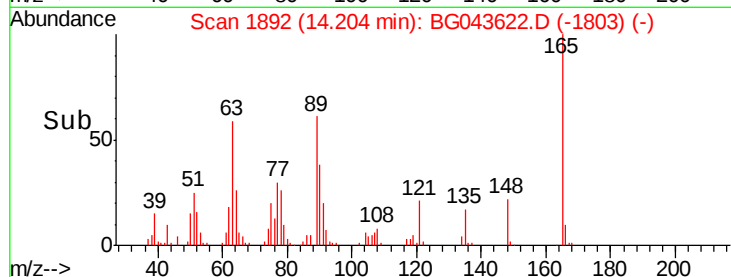
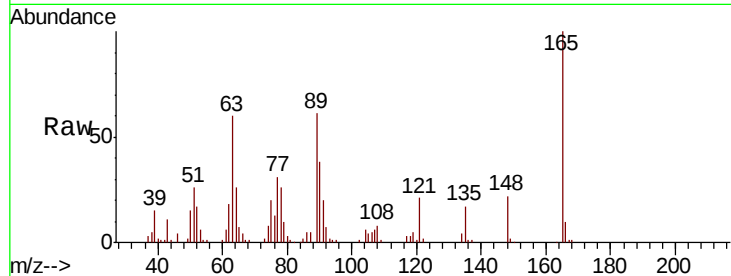




#51
2,6-Dinitrotoluene
Concen: 39.411 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

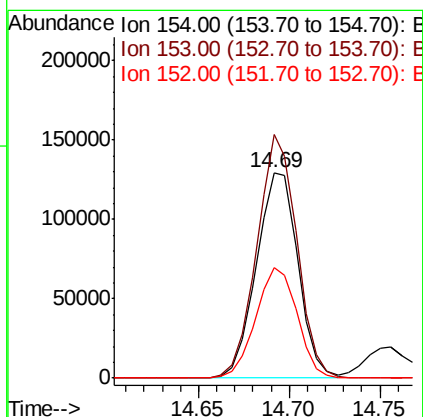
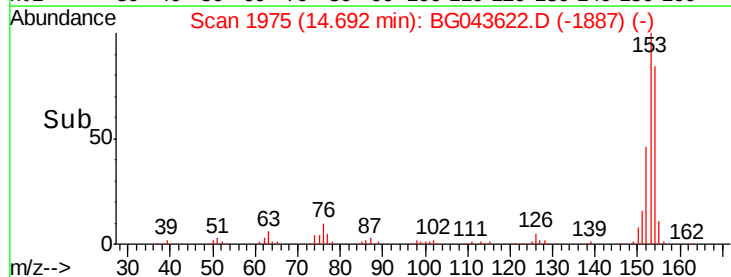
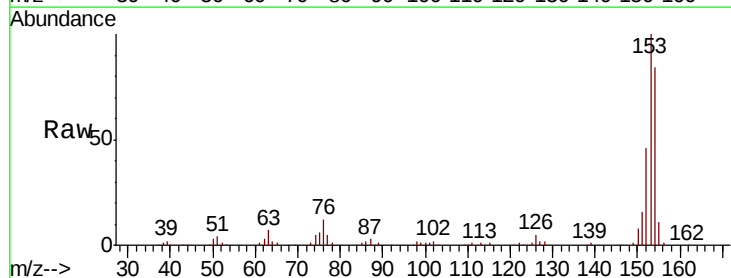
Instrument :
BNA_G
ClientSampleId :

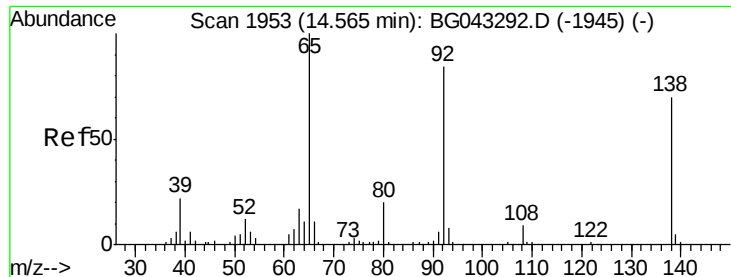
Tot Ion:165 Resp: 63844
Ion Ratio Lower Upper
165 100
63 59.6 46.6 69.8
89 61.5 45.1 67.7



#52
Acenaphthene
Concen: 39.054 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion:154 Resp: 206546
Ion Ratio Lower Upper
154 100
153 118.4 88.2 132.2
152 53.9 40.0 60.0

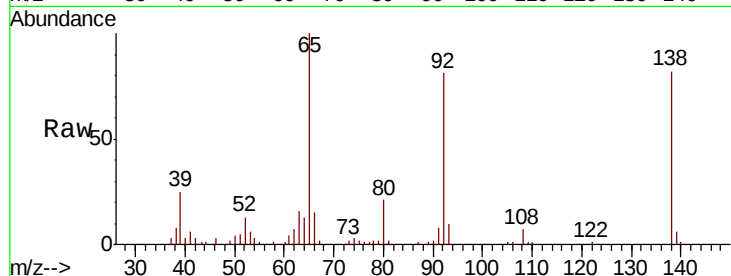




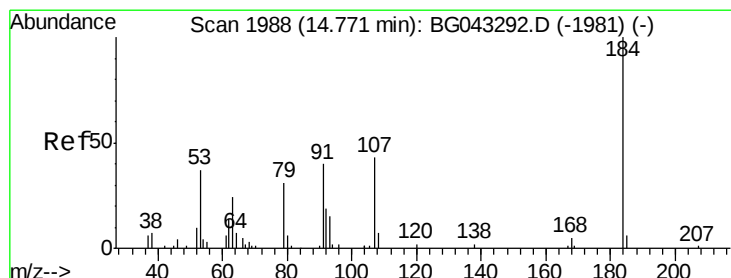
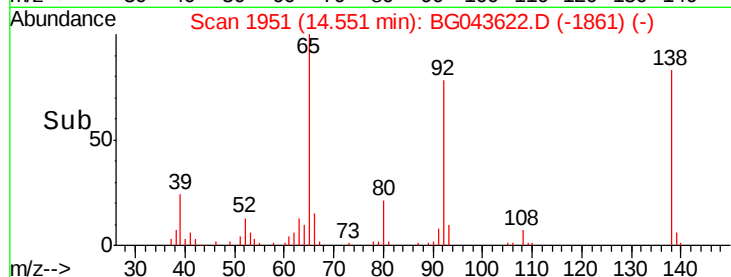
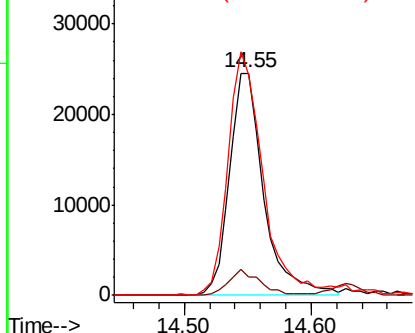
#53
 3-Nitroaniline
 Concen: 29.363 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 45924
 Ion Ratio Lower Upper
 138 100
 108 8.2 8.0 12.0
 92 99.2 90.9 136.3

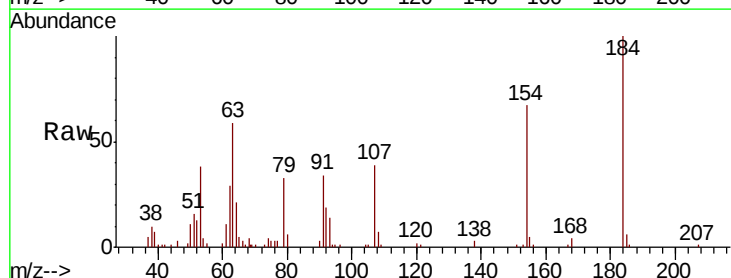


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

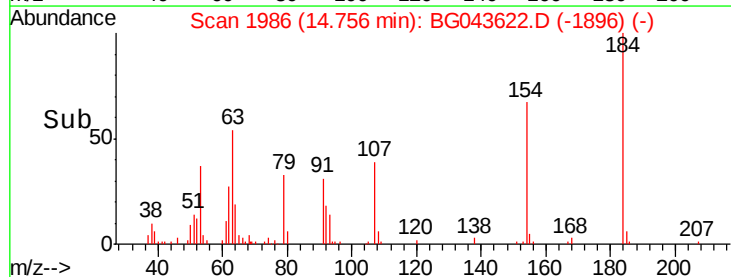
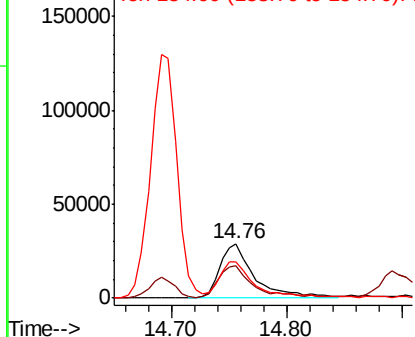


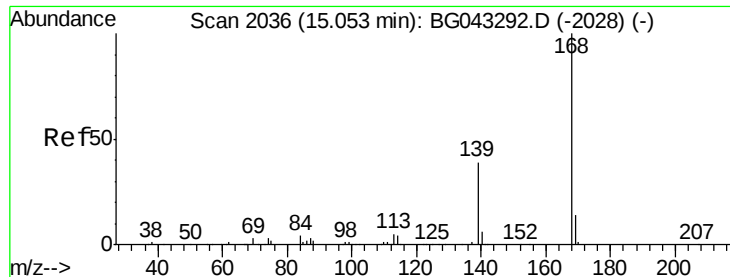
#54
 2,4-Dinitrophenol
 Concen: 61.062 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion:184 Resp: 59850
 Ion Ratio Lower Upper
 184 100
 63 59.4 51.3 76.9
 154 67.4 55.4 83.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

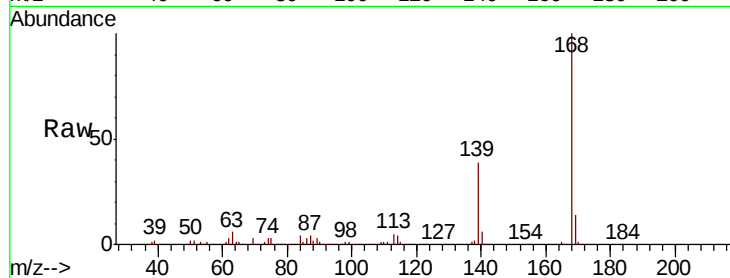




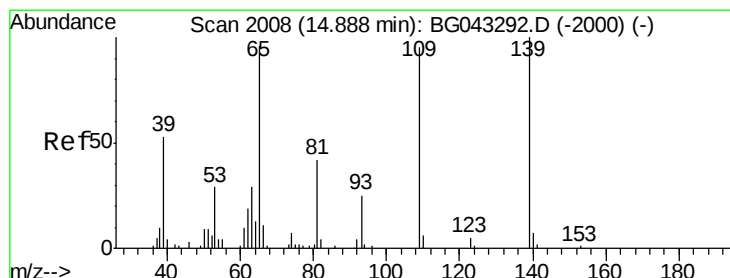
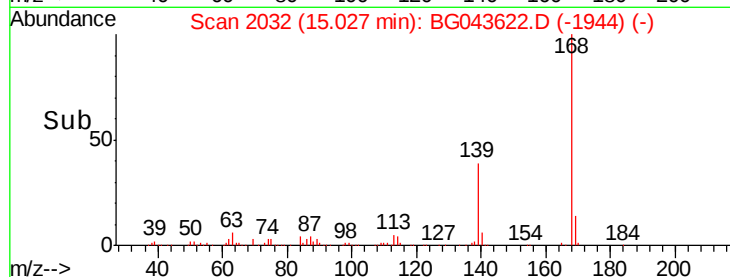
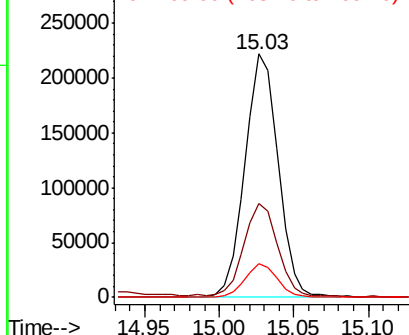
#55
Dibenzenofuran
Concen: 39.789 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 341254
Ion Ratio Lower Upper
168 100
139 38.7 31.0 46.6
169 14.0 11.7 17.5

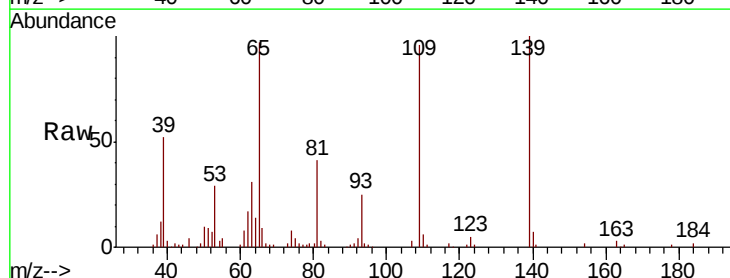


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

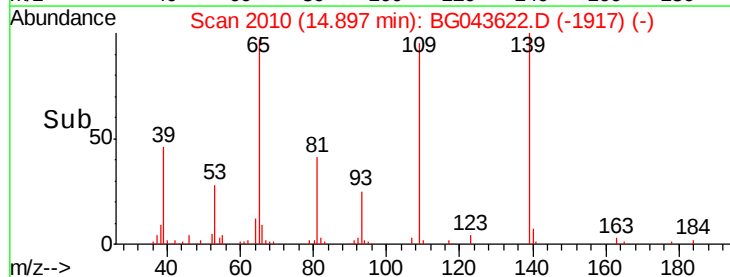
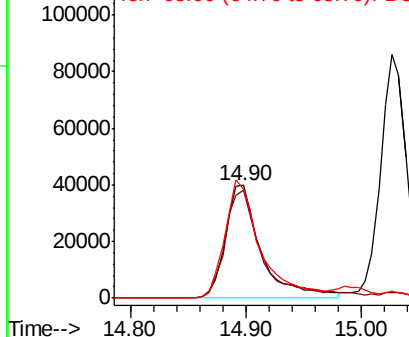


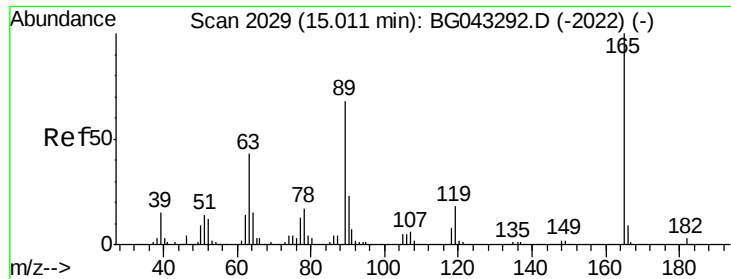
#56
4-Nitrophenol
Concen: 81.899 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion:139 Resp: 85838
Ion Ratio Lower Upper
139 100
109 96.3 87.2 127.2
65 97.3 83.8 123.8



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





#57

2,4-Dinitrotoluene

Concen: 39.414 ng

RT: 15.00 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 91246

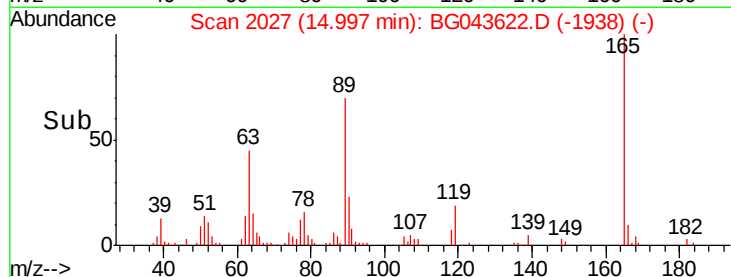
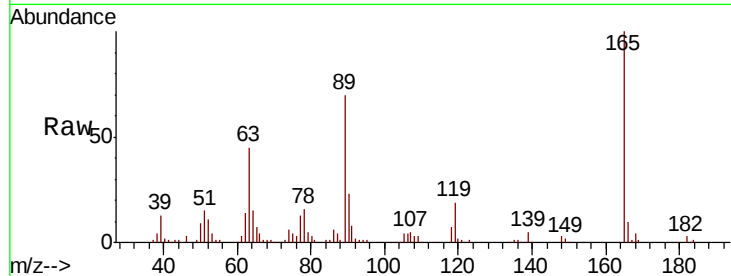
Ion Ratio Lower Upper

165 100

63 44.6 33.2 49.8

89 69.6 52.2 78.4

182 3.2 2.0 3.0#

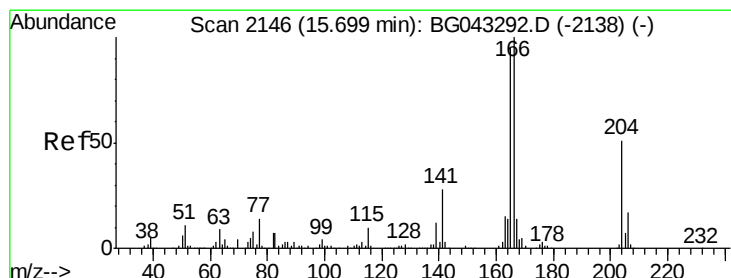
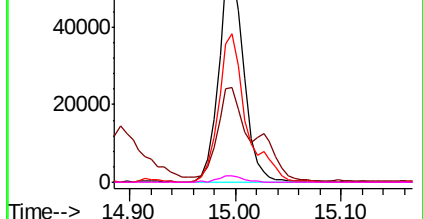


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.598 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

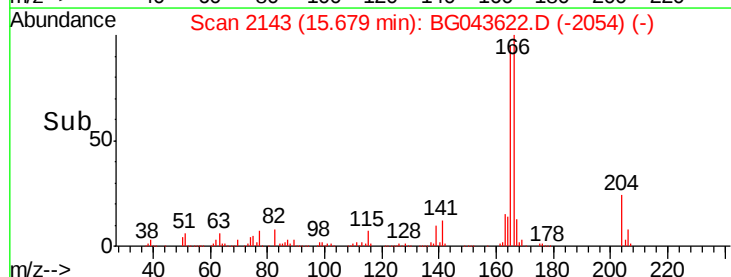
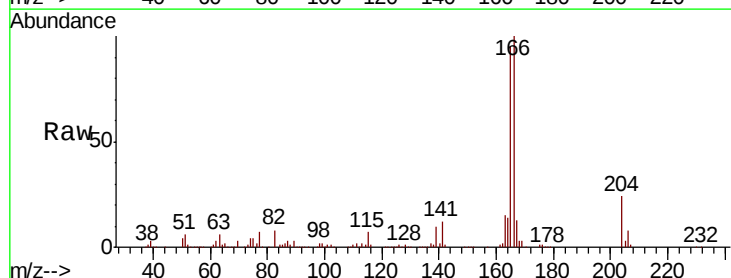
Tgt Ion:166 Resp: 284838

Ion Ratio Lower Upper

166 100

165 95.1 79.0 118.6

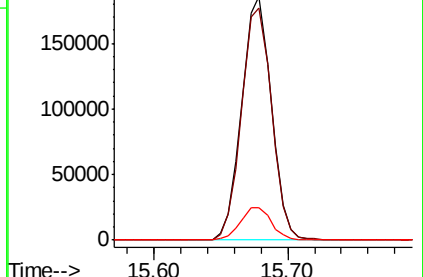
167 13.1 10.5 15.7

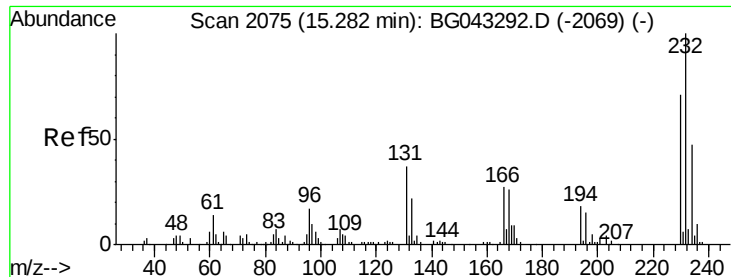


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.992 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 87875

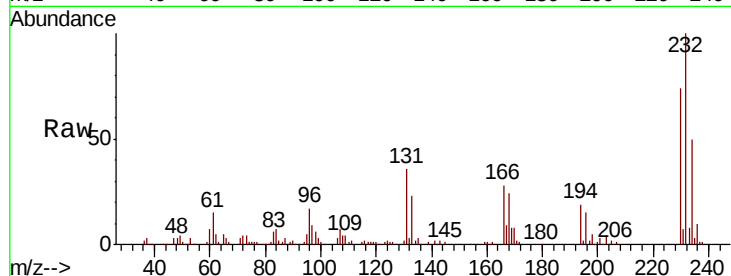
Ion Ratio Lower Upper

232 100

131 36.1 26.9 40.3

130 2.0 1.8 2.6

166 27.8 20.9 31.3

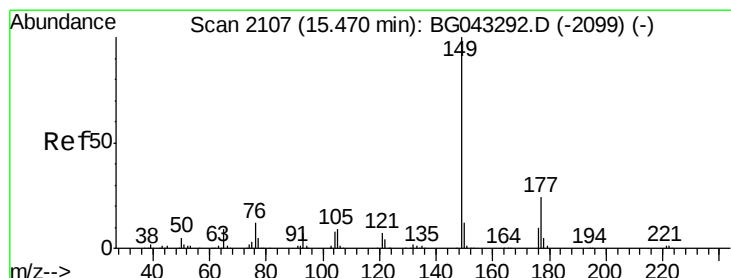
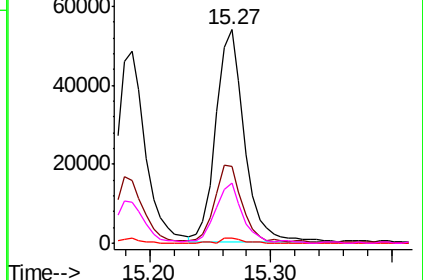
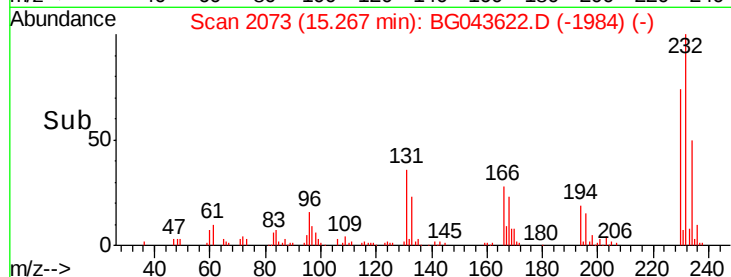


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 37.135 ng

RT: 15.44 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

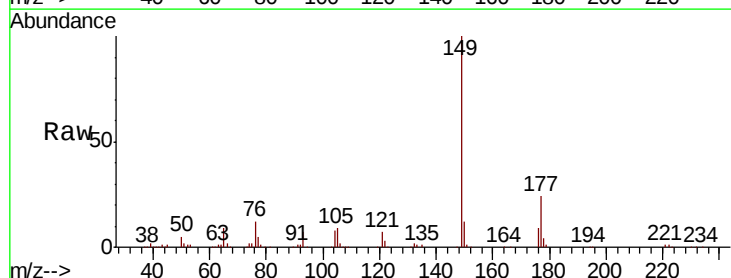
Tgt Ion:149 Resp: 278226

Ion Ratio Lower Upper

149 100

177 24.4 19.6 29.4

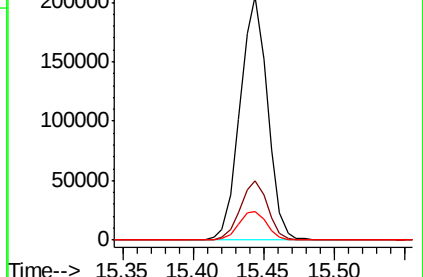
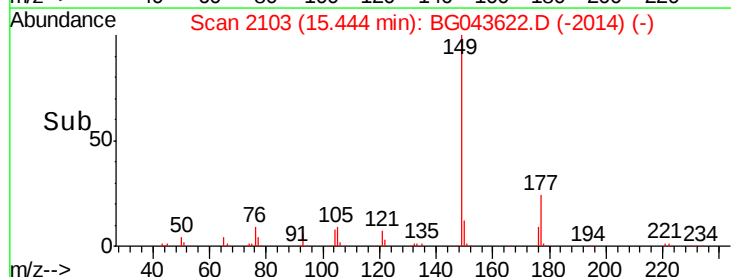
150 11.6 10.8 16.2

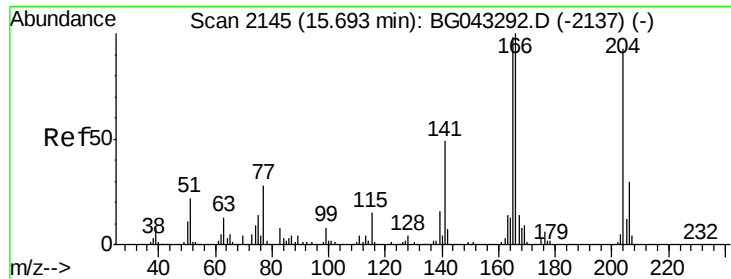


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

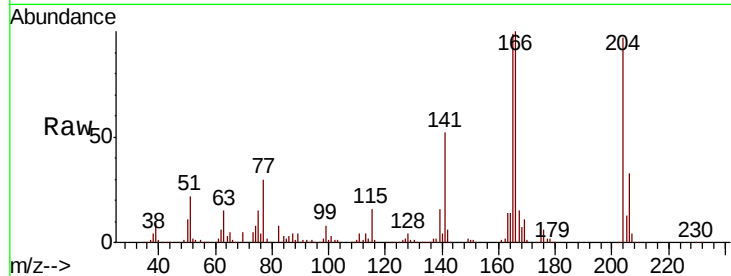




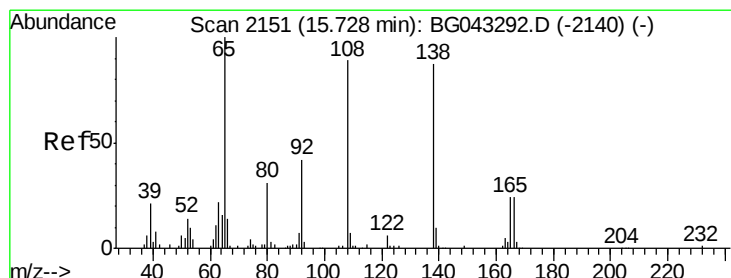
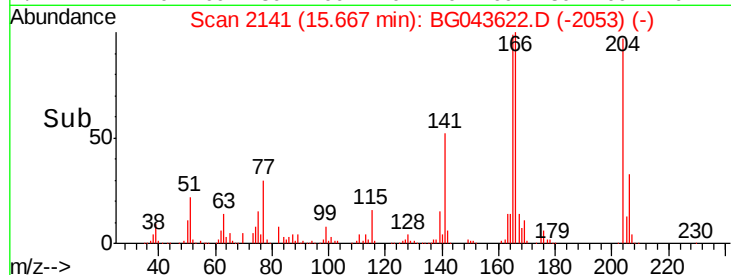
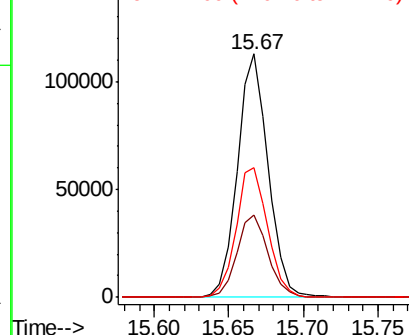
#61
 4-Chlorophenyl-phenylether
 Concen: 38.558 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 161806
 Ion Ratio Lower Upper
 204 100
 206 34.0 28.4 42.6
 141 53.3 43.0 64.6

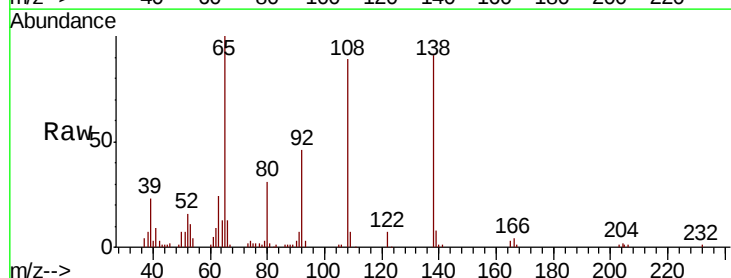


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

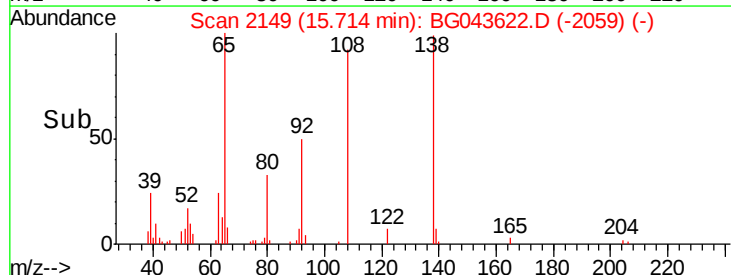
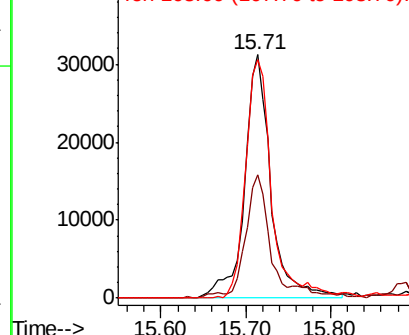


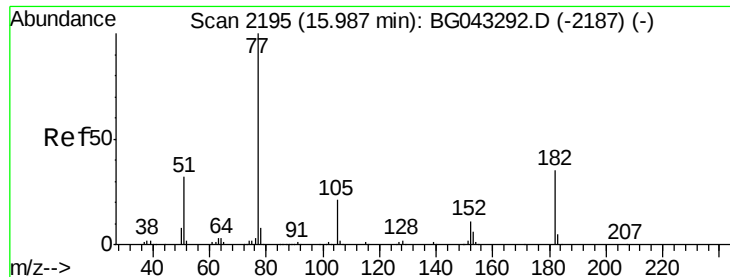
#62
 4-Nitroaniline
 Concen: 41.587 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion:138 Resp: 67172
 Ion Ratio Lower Upper
 138 100
 92 50.4 33.4 73.4
 108 98.1 78.0 118.0



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

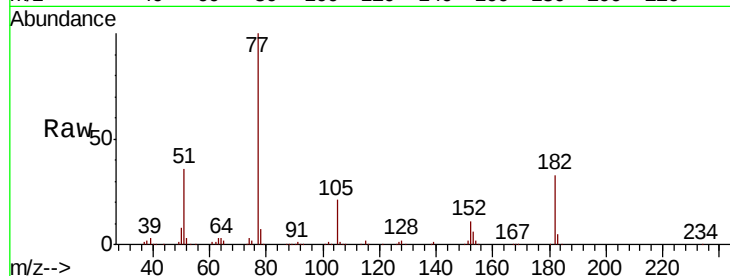




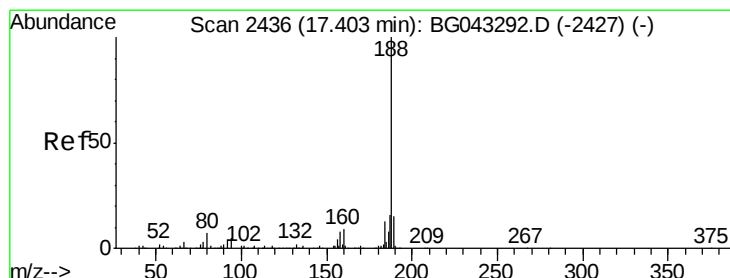
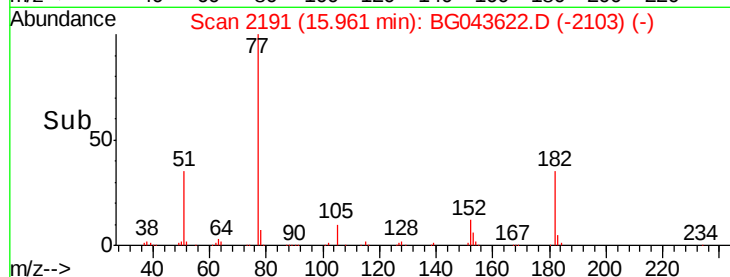
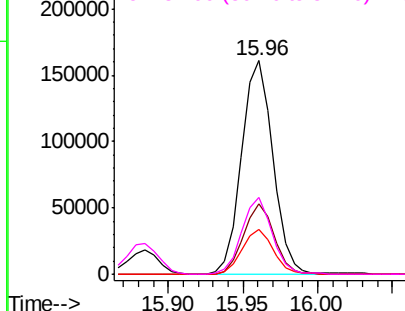
#63
Azobenzene
Concen: 38.392 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	232793
Ion	Ratio	Lower	Upper
77	100		
182	32.8	13.7	53.7
105	21.1	0.4	40.4
51	36.2	11.0	51.0

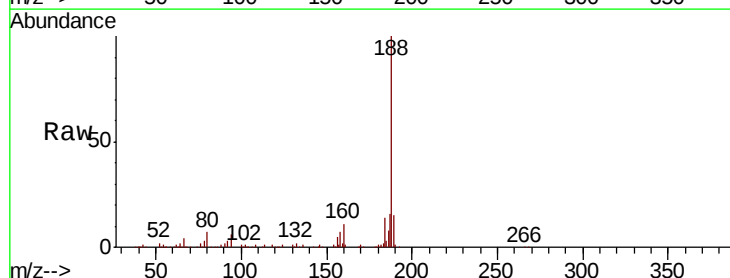


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

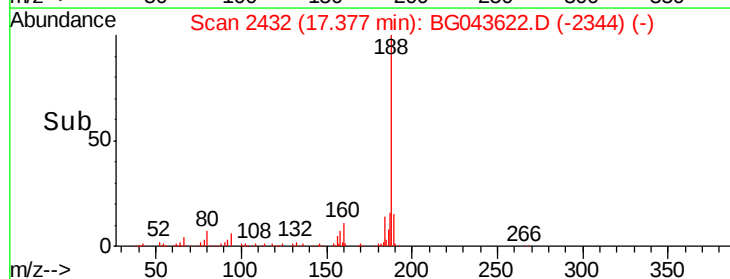
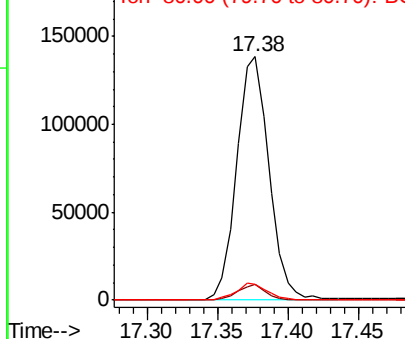


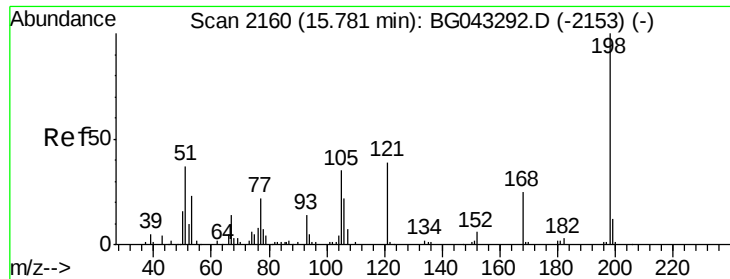
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion:	188	Resp:	221945
Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	6.7	4.5	6.7



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.010 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

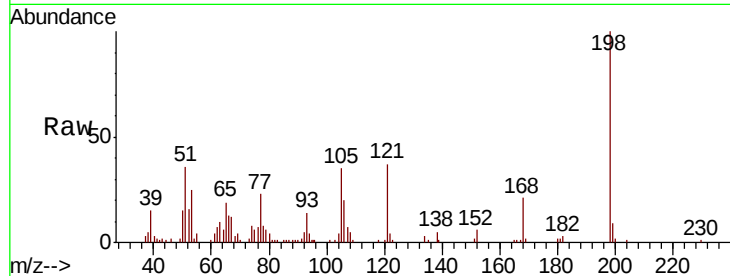
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 52259

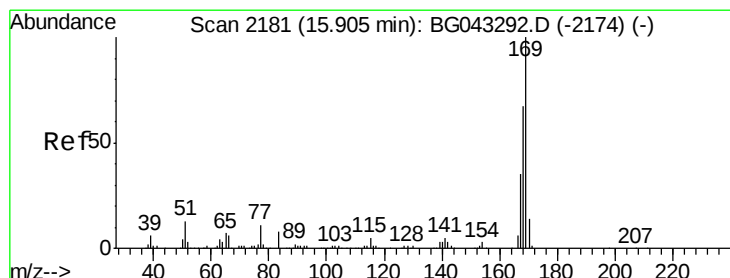
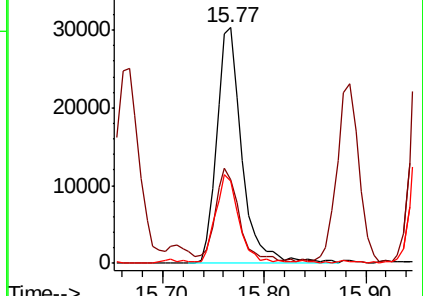
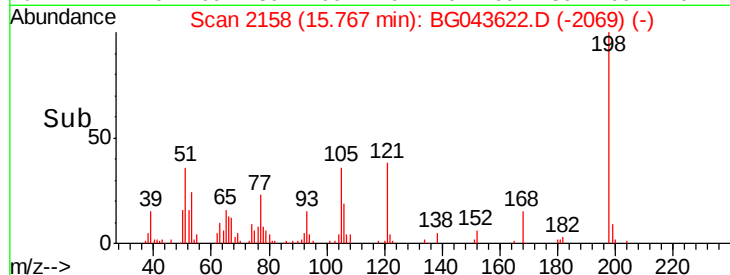
Ion	Ratio	Lower	Upper
198	100		
51	35.7	13.2	53.2
105	35.0	15.8	55.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.457 ng

RT: 15.88 min Scan# 2178

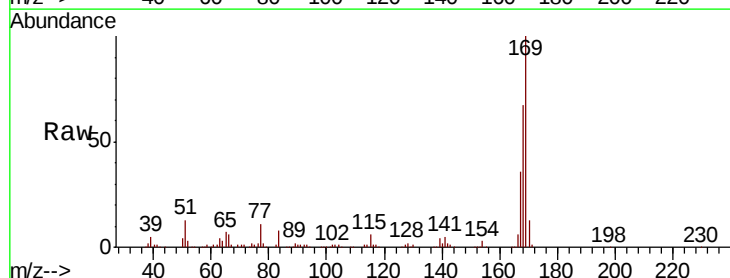
Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion:169 Resp: 253508

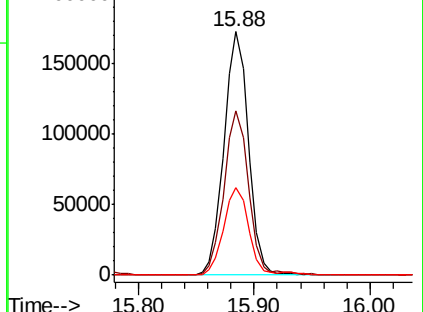
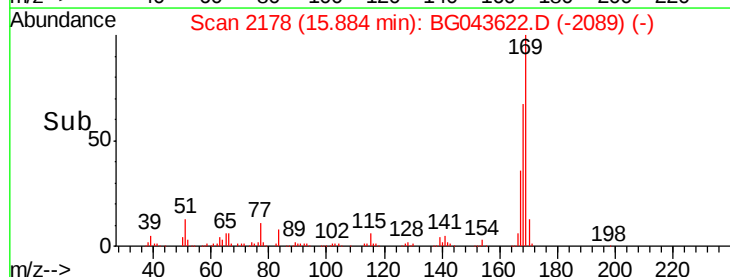
Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.8	80.6
167	35.8	27.5	41.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

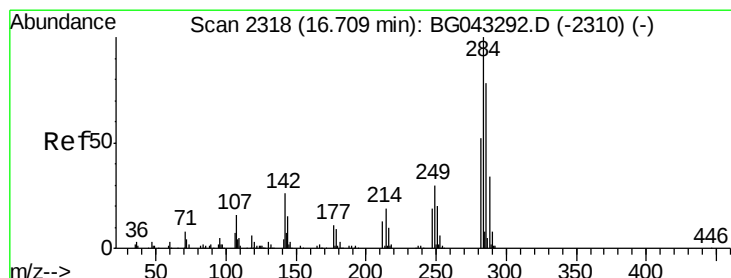
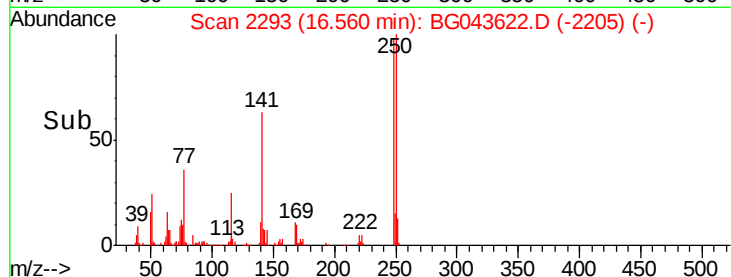
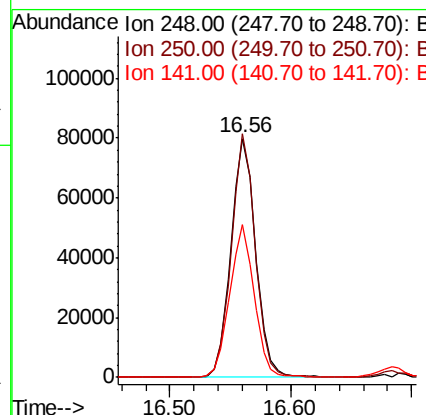
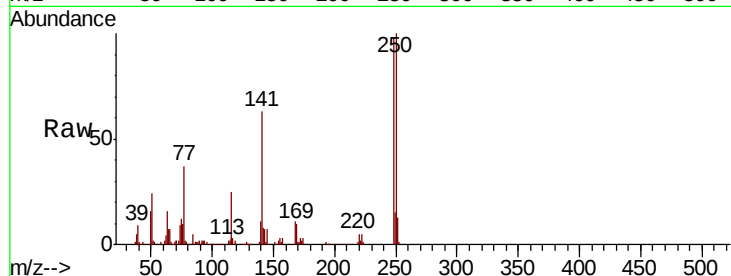




#67
4-Bromophenyl-phenylether
Concen: 38.071 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

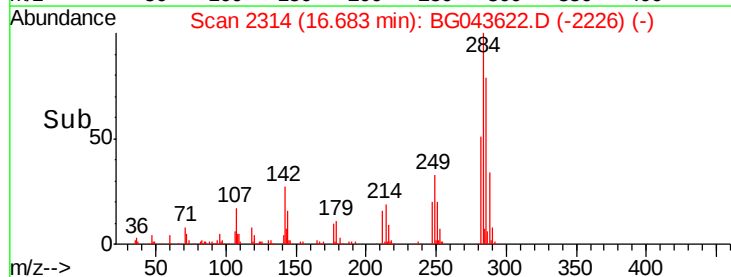
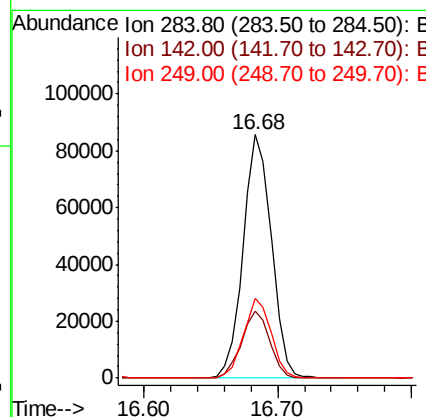
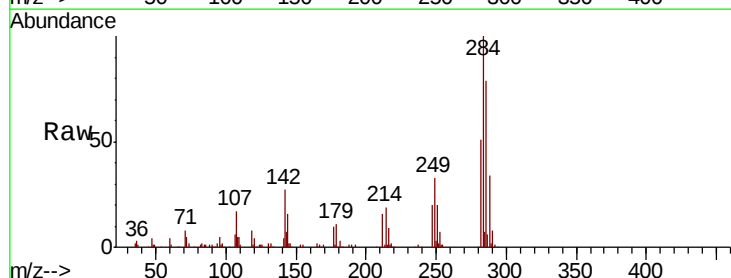
Instrument :
BNA_G
ClientSampleId :

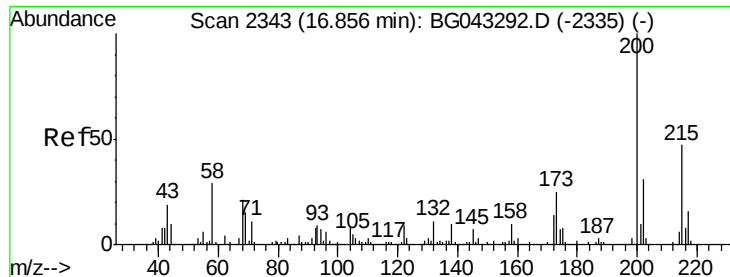
Tot Ion:248 Resp: 113713
Ion Ratio Lower Upper
248 100
250 101.9 77.0 115.4
141 63.9 47.5 71.3



#68
Hexachlorobenzene
Concen: 36.502 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion:284 Resp: 125151
Ion Ratio Lower Upper
284 100
142 27.3 19.8 29.8
249 32.9 23.8 35.6





#69

Atrazine

Concen: 44.402 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampled :

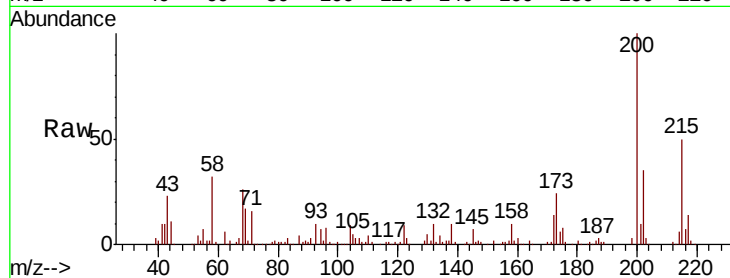
Tot Ion:200 Resp: 96678

Ion Ratio Lower Upper

200 100

173 24.4 4.7 44.7

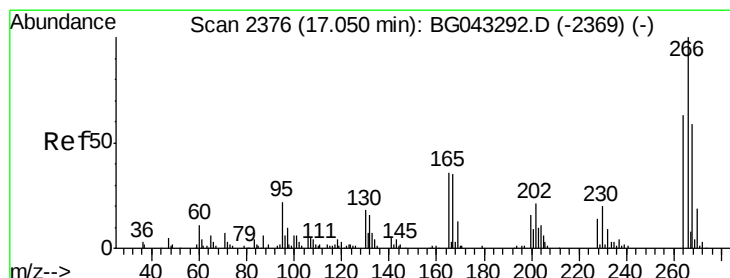
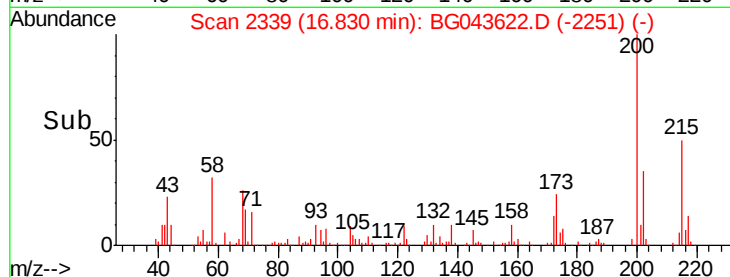
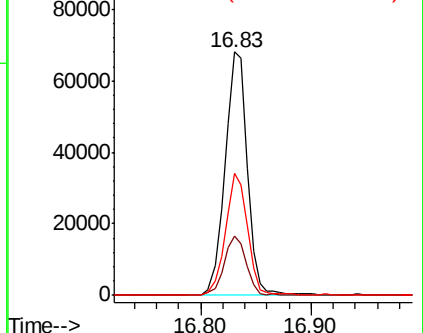
215 50.1 28.5 68.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 68.838 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

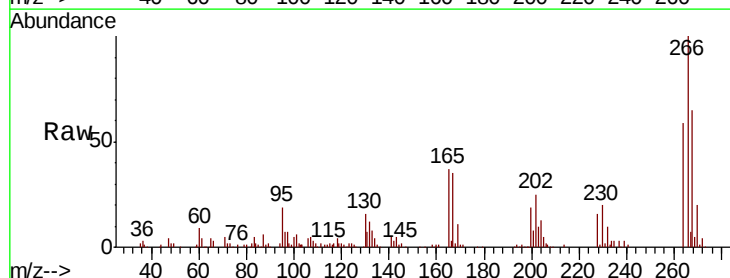
Tgt Ion:266 Resp: 107544

Ion Ratio Lower Upper

266 100

268 65.1 50.4 75.6

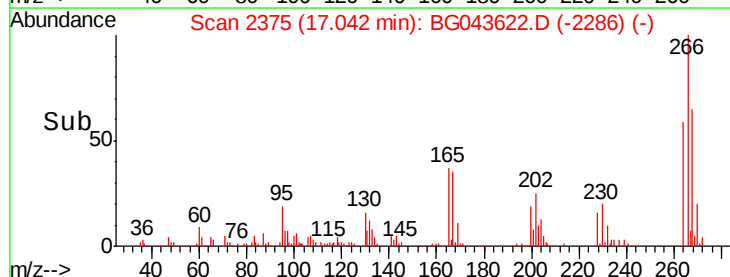
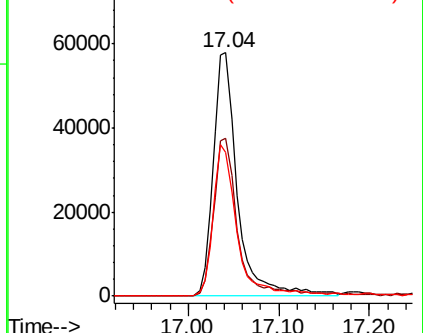
264 59.0 48.9 73.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

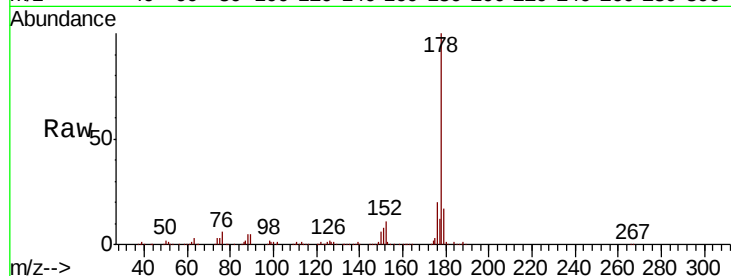




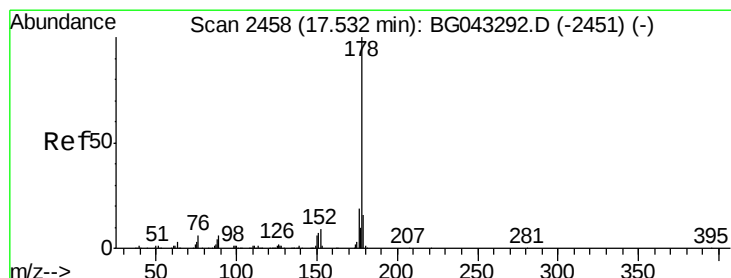
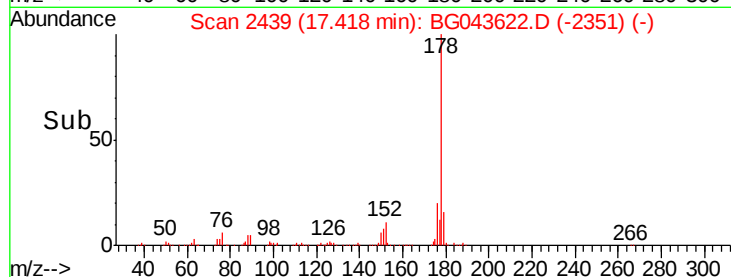
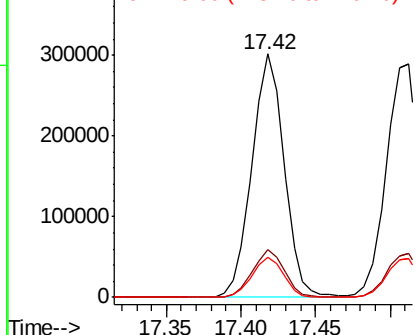
#71
Phenanthrene
Concen: 39.604 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 450111
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.6 13.0 19.6

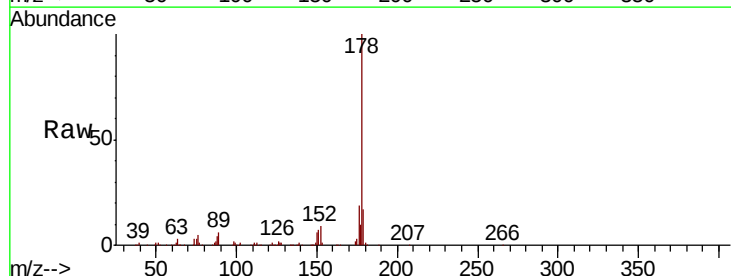


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

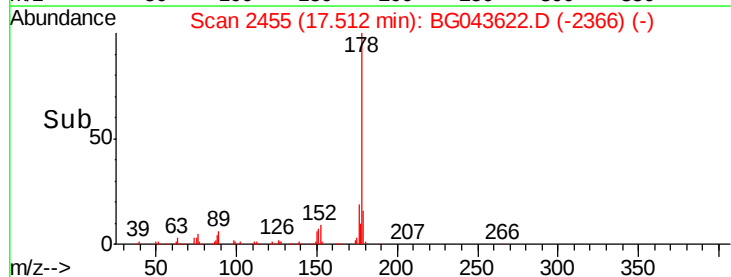
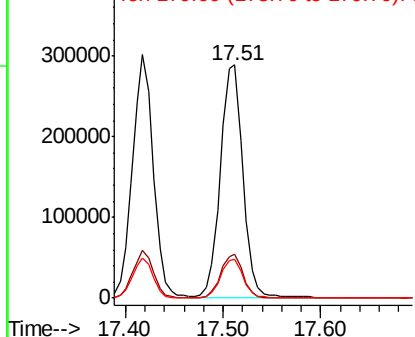


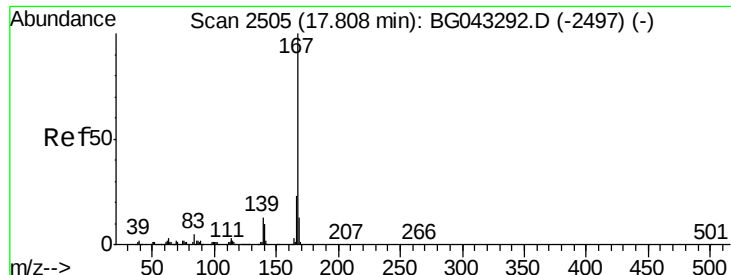
#72
Anthracene
Concen: 40.735 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion:178 Resp: 463201
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 16.5 13.7 20.5



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

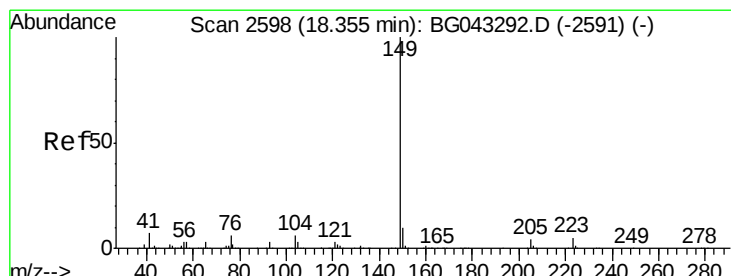
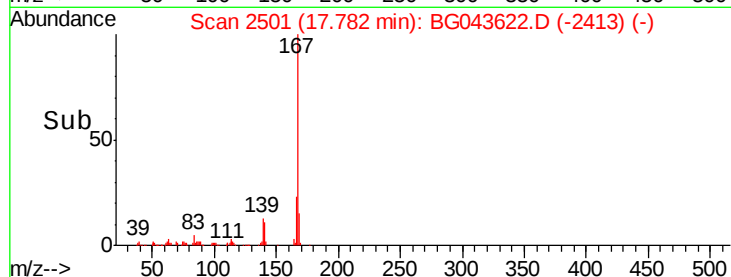
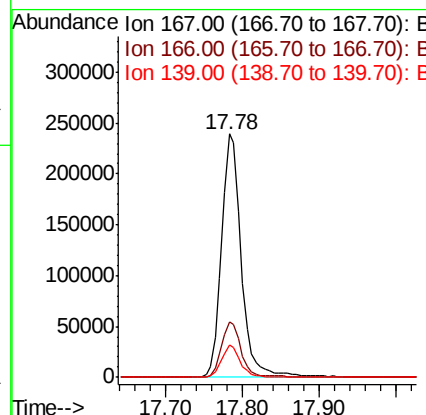
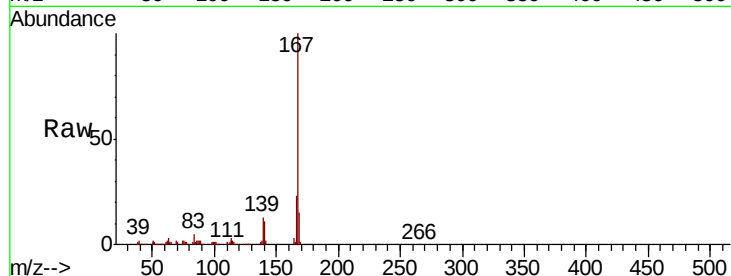




#73
 Carbazole
 Concen: 41.173 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

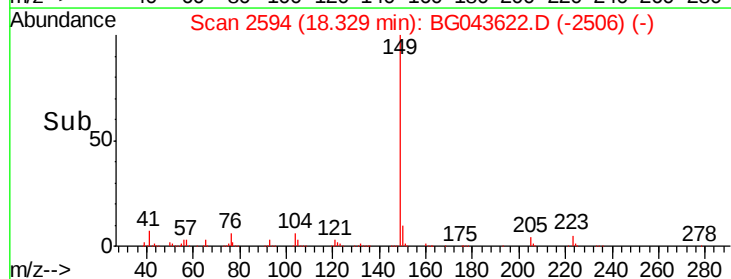
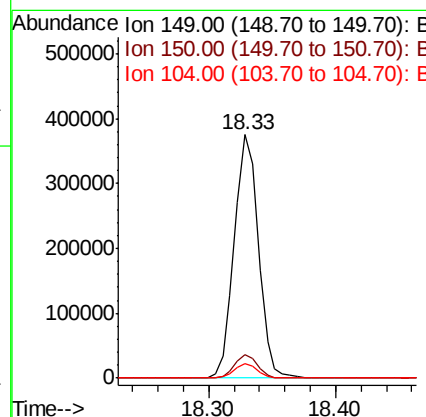
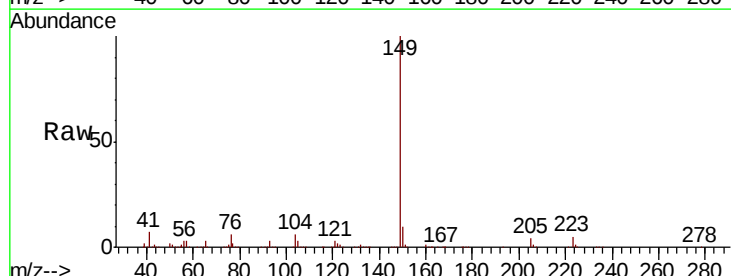
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.7	28.1
139	13.1	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 39.457 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.7	4.4	6.6





#75

Fluoranthene

Concen: 41.519 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

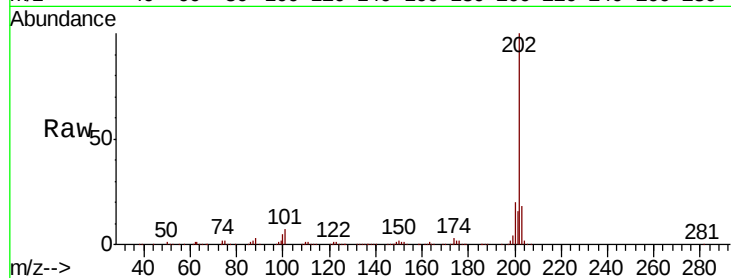
Tot Ion:202 Resp: 615176

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.3

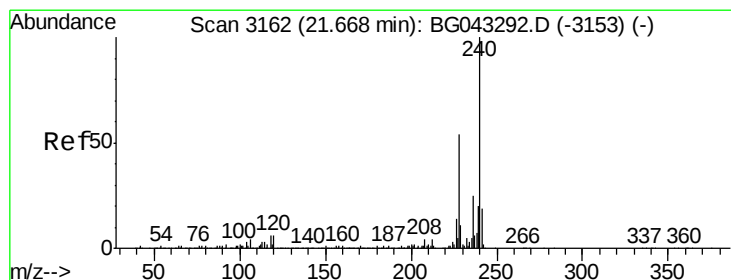
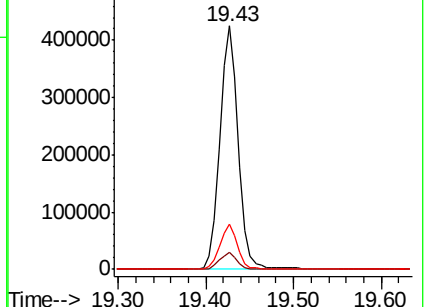
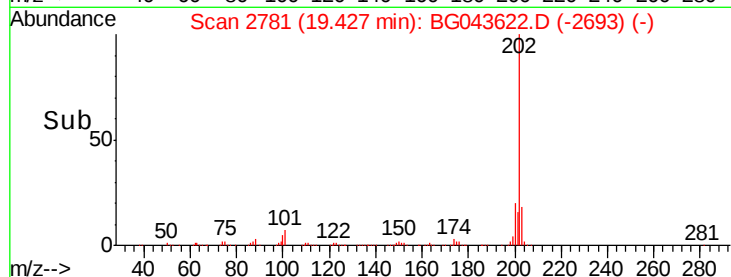
203 18.4 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

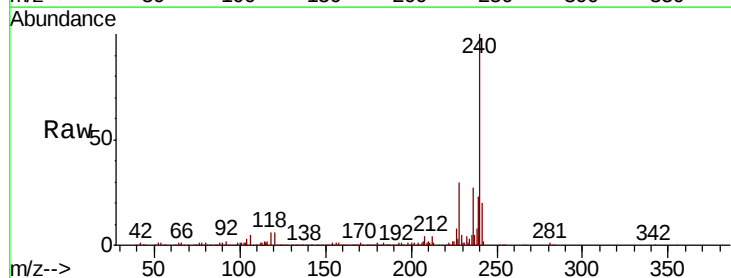
Tgt Ion:240 Resp: 254636

Ion Ratio Lower Upper

240 100

120 5.7 4.6 6.8

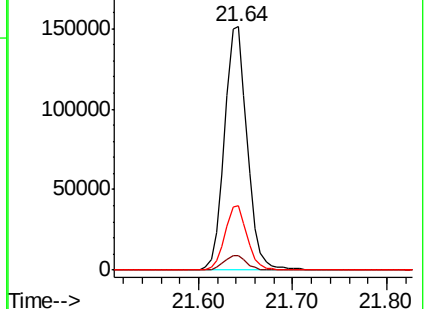
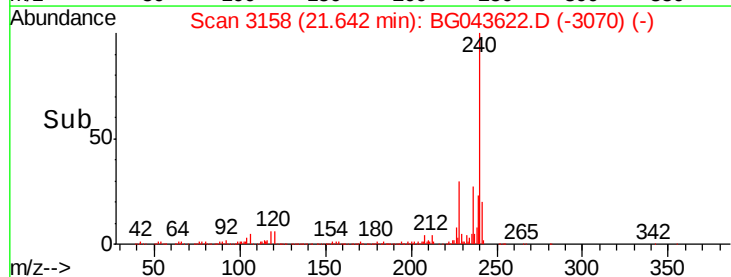
236 26.5 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.824 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

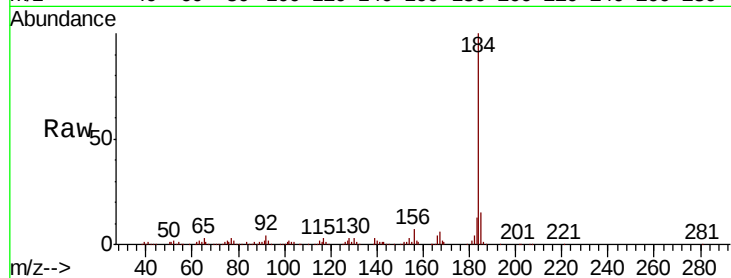
Tot Ion:184 Resp: 245080

Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.4

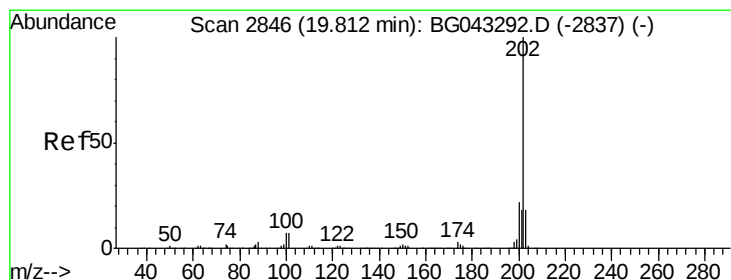
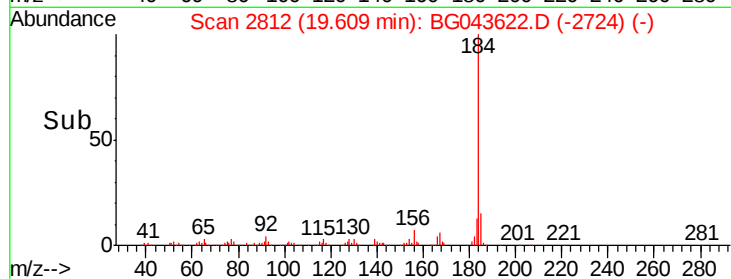
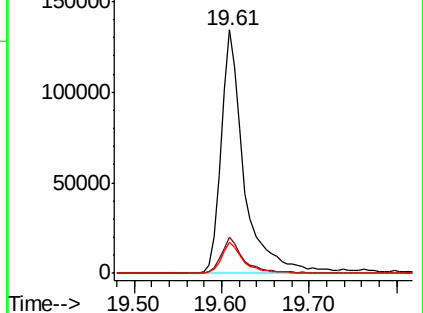
183 12.8 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.501 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

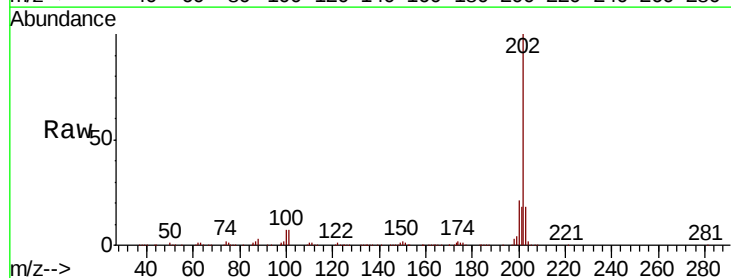
Tgt Ion:202 Resp: 622604

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

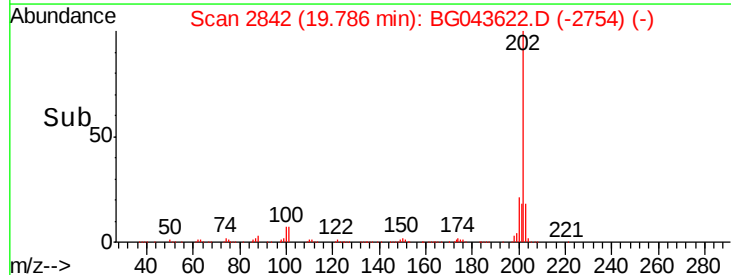
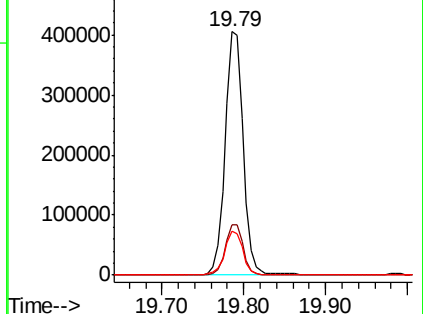
203 18.0 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.154 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

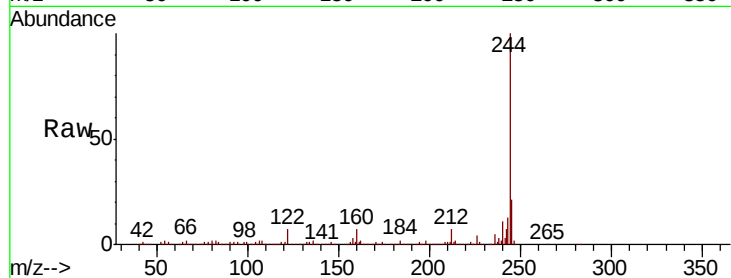
Tot Ion:244 Resp: 897908

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

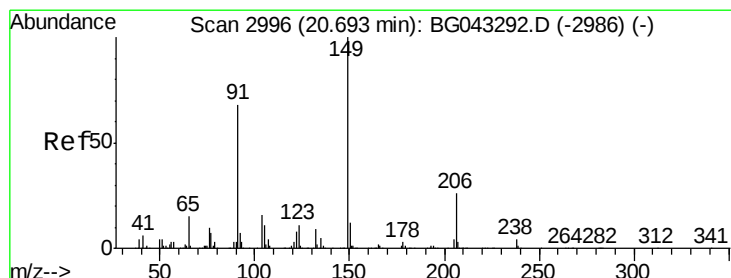
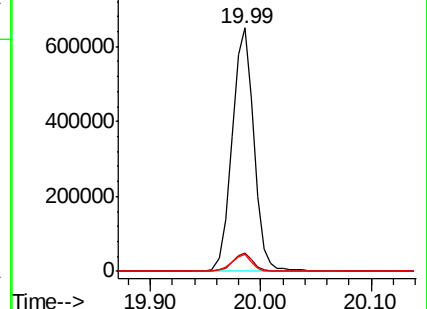
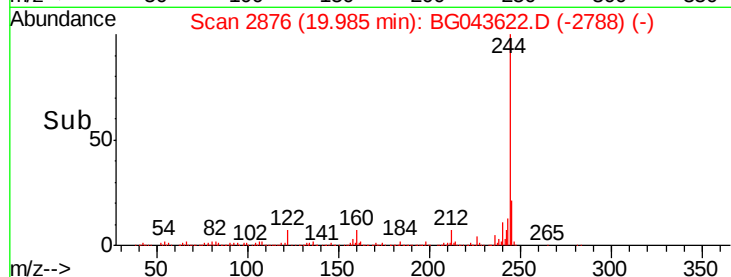
122 6.9 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.169 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

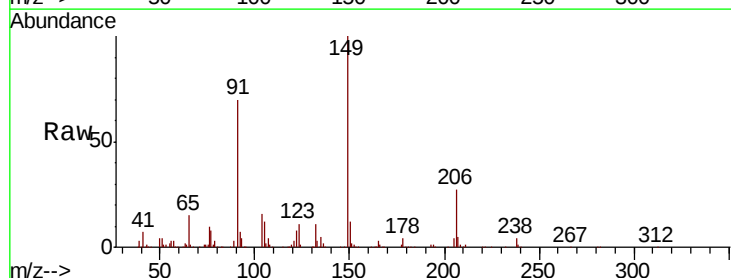
Tgt Ion:149 Resp: 233897

Ion Ratio Lower Upper

149 100

91 69.5 51.2 76.8

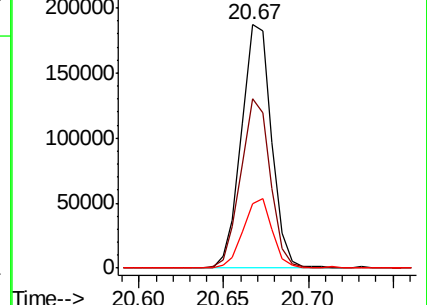
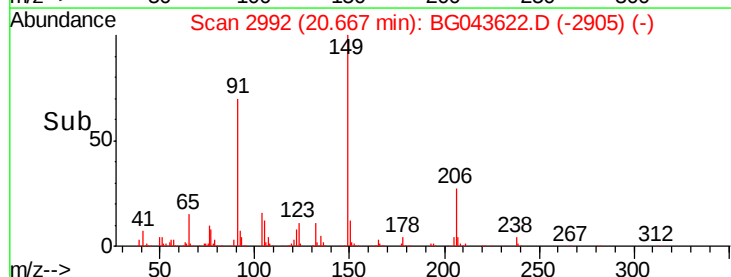
206 26.6 22.5 33.7

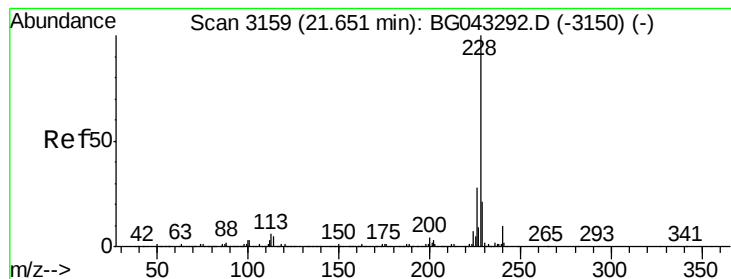


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.941 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

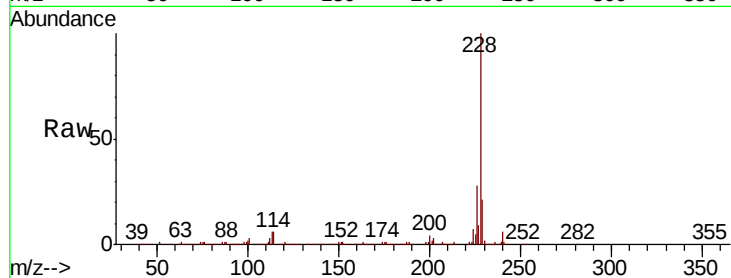
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 637069

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.6	17.0	25.4

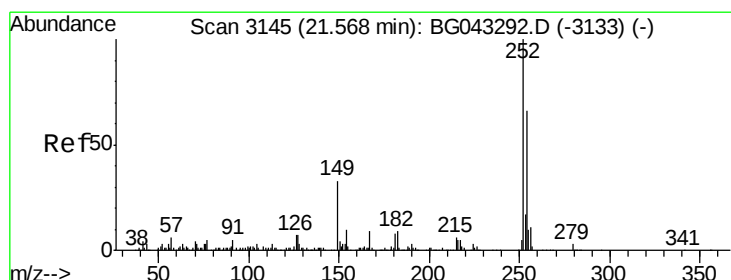
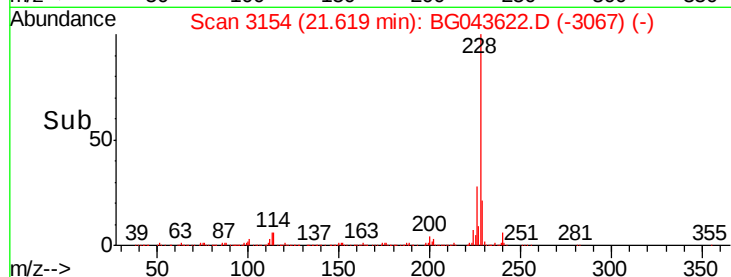
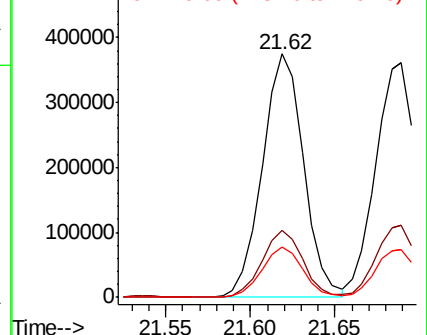


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.945 ng

RT: 21.54 min Scan# 3140

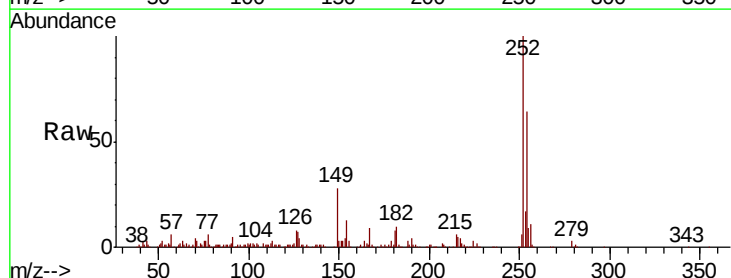
Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion:252 Resp: 209415

Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.8	76.2
126	7.5	6.1	9.1

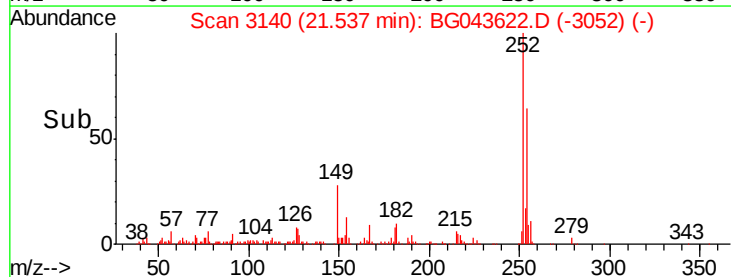
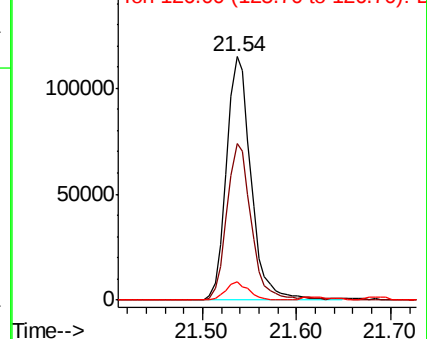


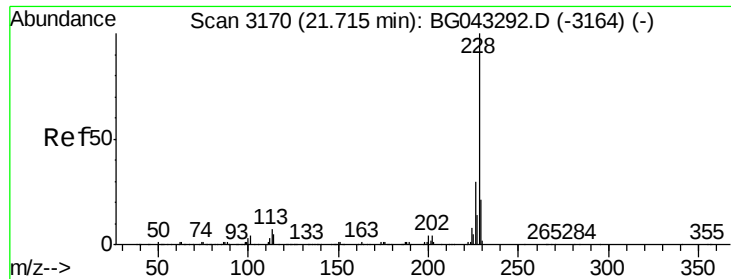
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

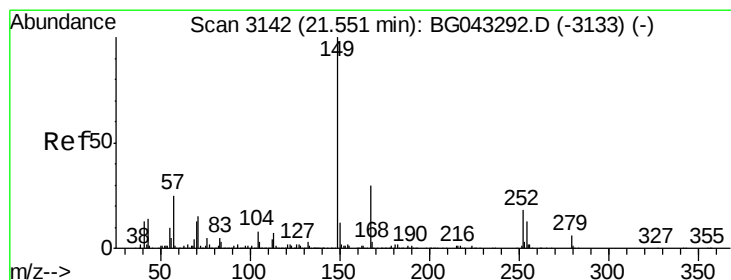
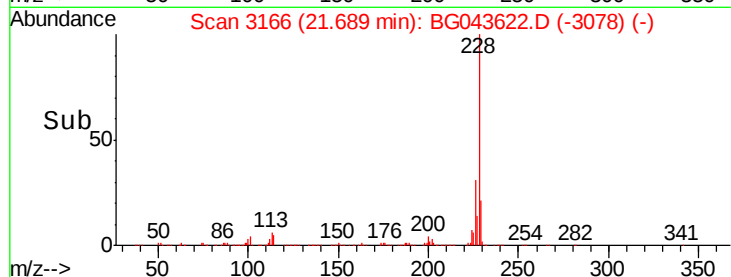
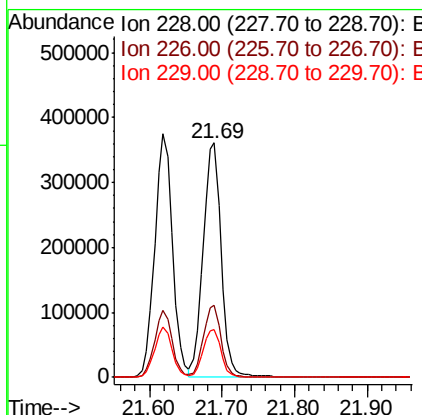
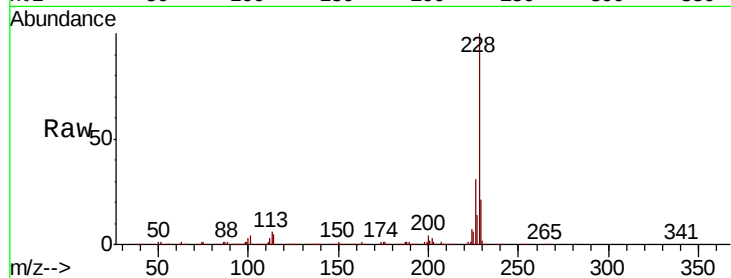




#83
 Chrvsene
 Concen: 39.352 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

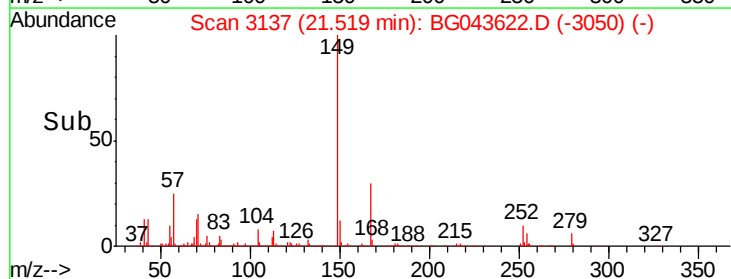
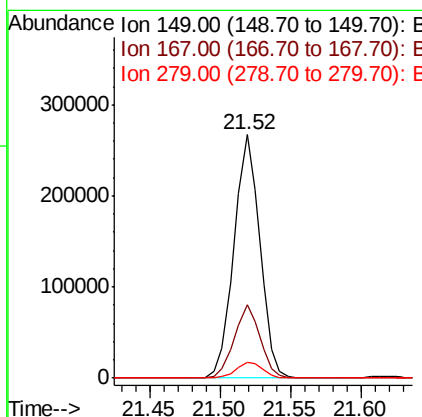
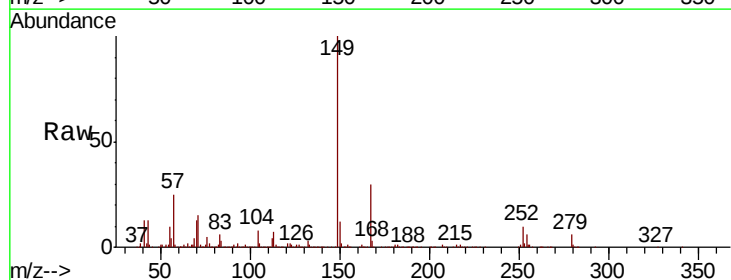
Instrument :
 BNA_G
 ClientSampleId :

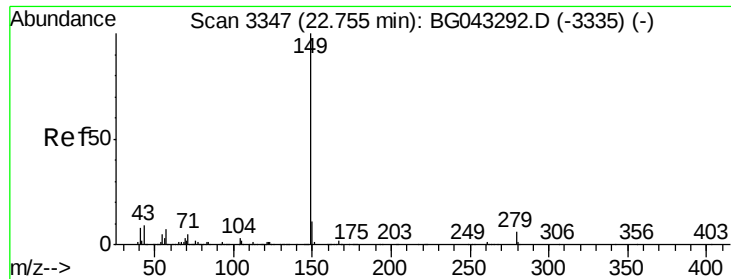
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.1	37.7
229	20.6	17.0	25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.363 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.0	36.0
279	6.2	5.4	8.2

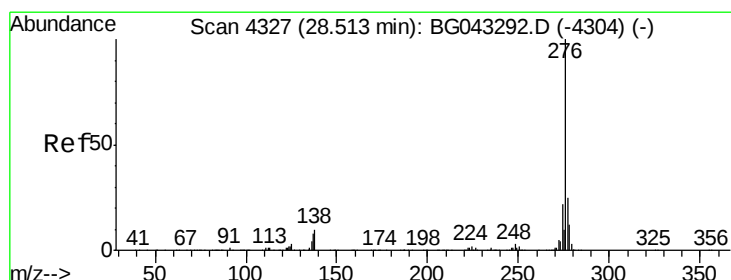
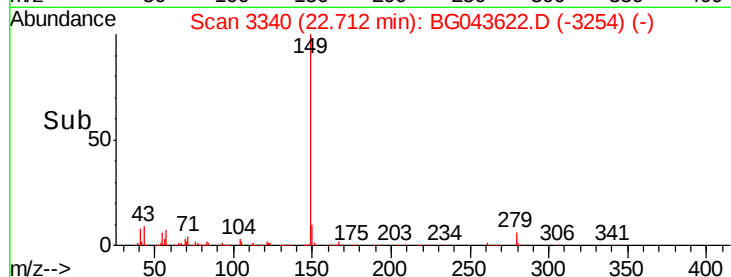
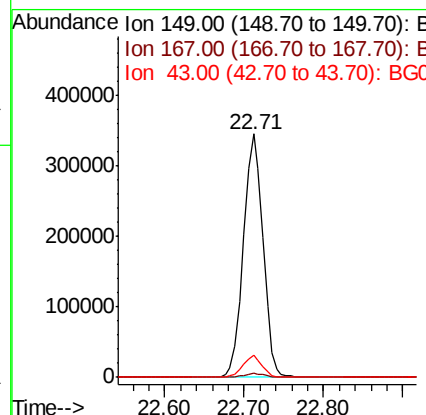
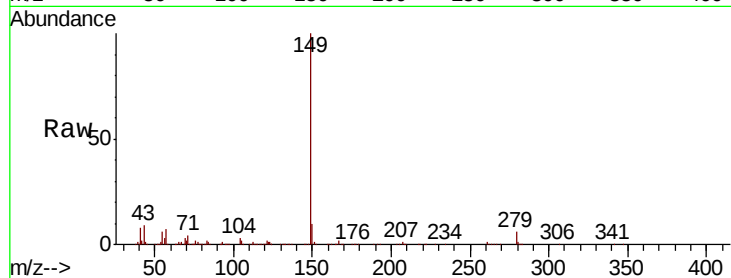




#85
Di-n-octyl phthalate
Concen: 40.857 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.03 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

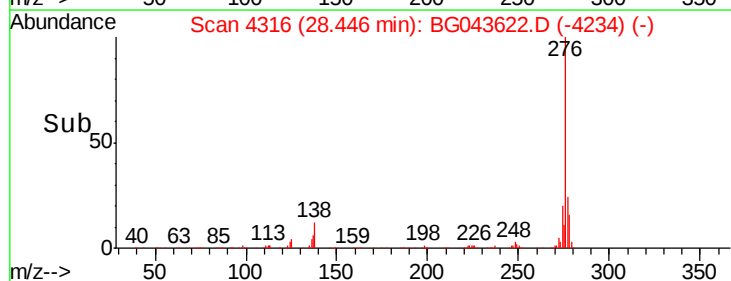
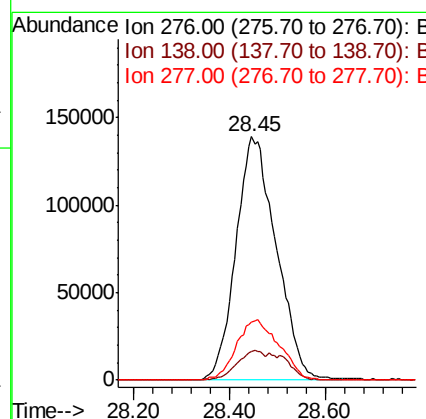
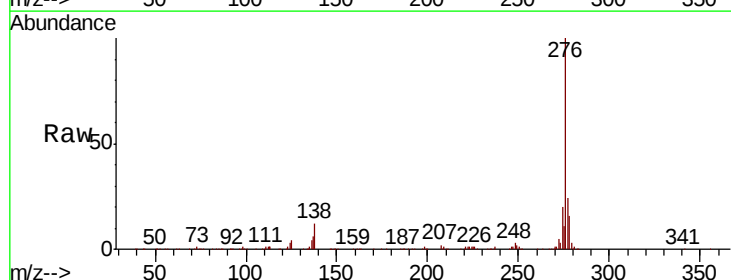
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	8.7	7.0	10.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.847 ng
RT: 28.45 min Scan# 4316
Delta R.T. -0.05 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.3	6.8	10.2
277	26.2	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampled :

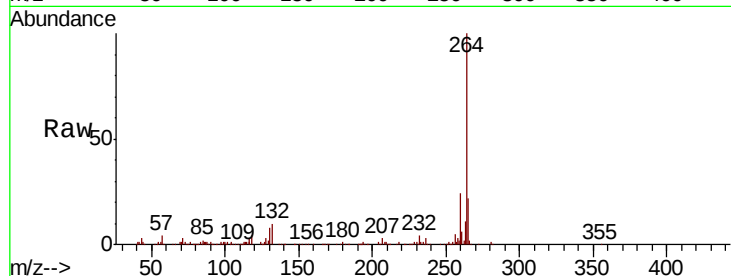
Tot Ion:264 Resp: 288299

Ion Ratio Lower Upper

264 100

260 23.8 17.5 26.3

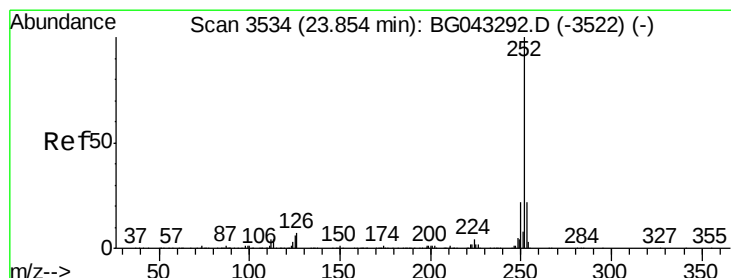
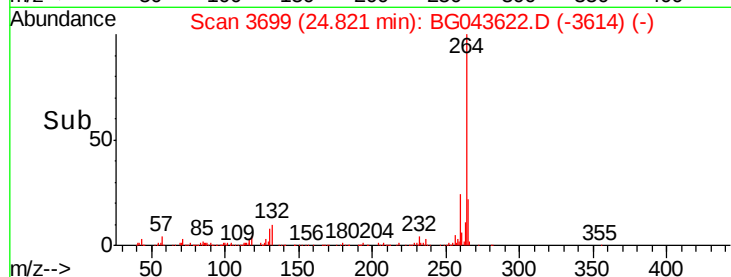
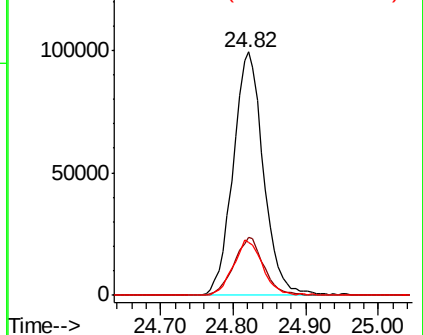
265 21.9 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.005 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

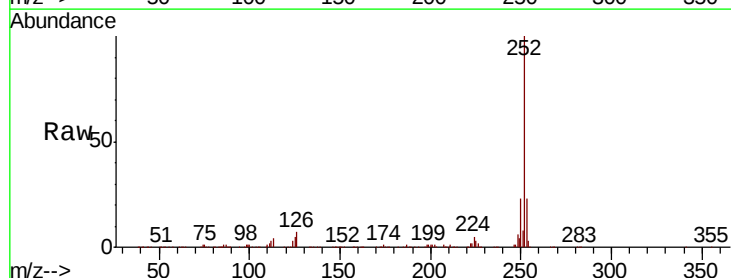
Tgt Ion:252 Resp: 685872

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

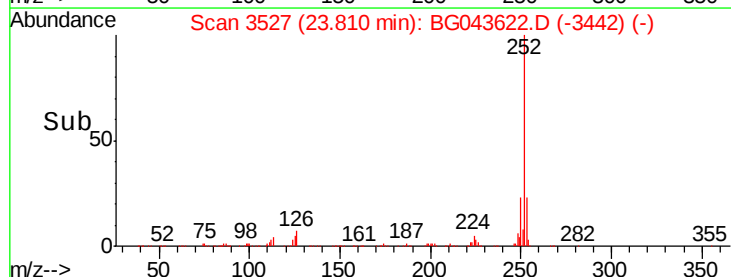
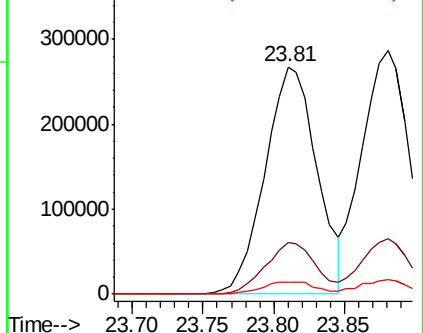
125 5.5 4.5 6.7

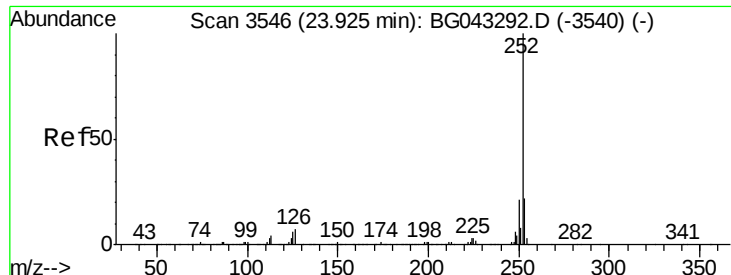


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

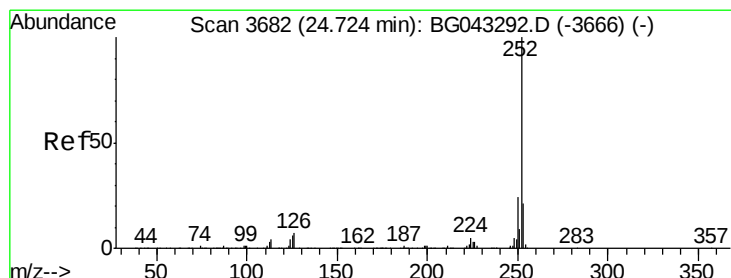
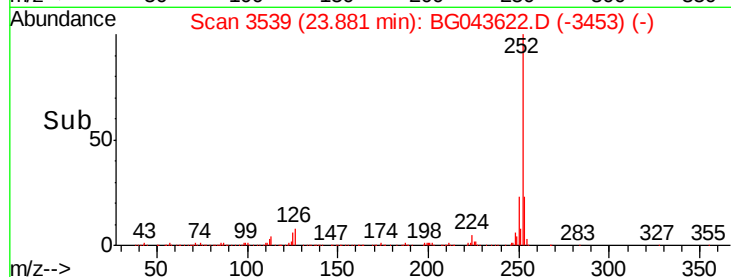
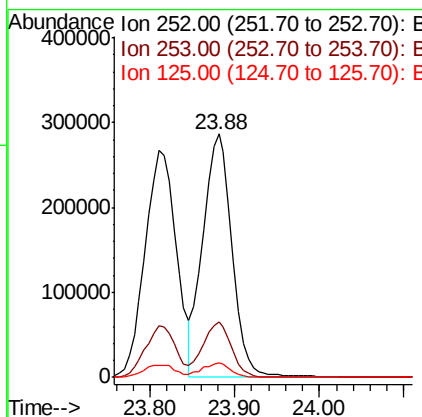
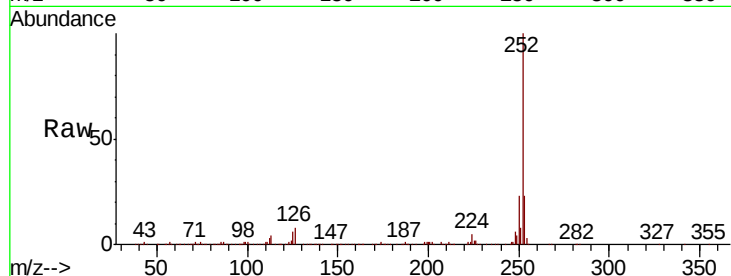




#89
Benzo(k)fluoranthene
Concen: 41.890 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.03 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

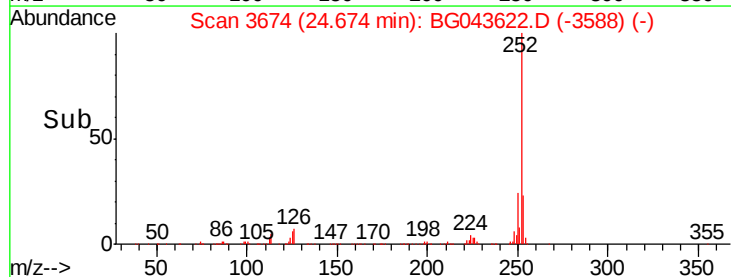
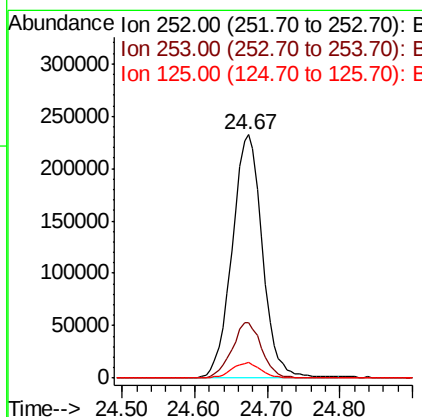
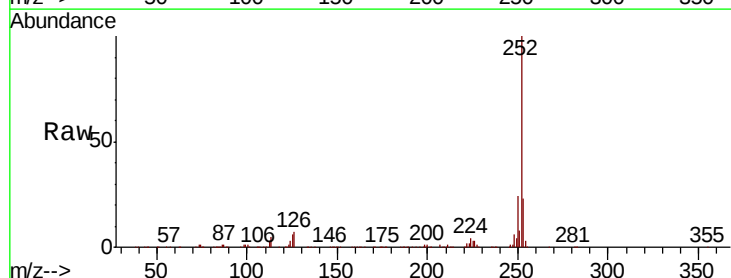
Instrument :
BNA_G
ClientSampleId :

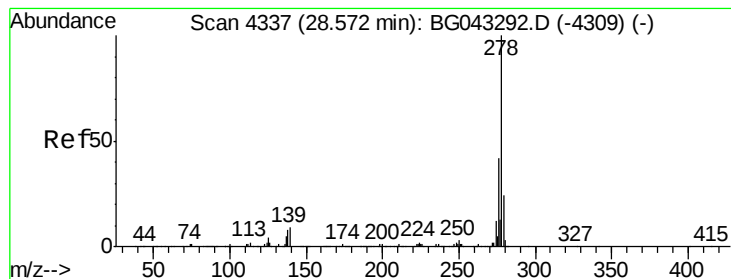
Tot Ion:252 Resp: 688580
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 5.8 4.6 6.8



#90
Benzo(a)pyrene
Concen: 43.201 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion:252 Resp: 673604
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 6.4 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 43.119 ng

RT: 28.50 min Scan# 4326

Delta R.T. -0.05 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampled :

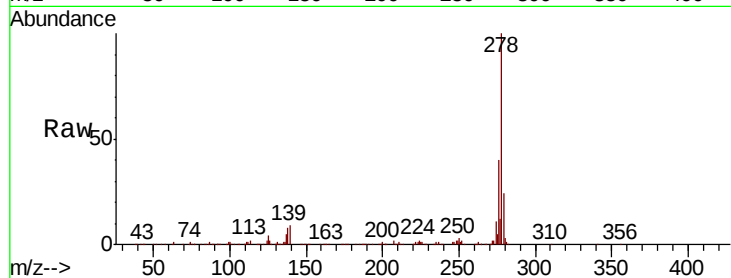
Tot Ion:278 Resp: 687693

Ion Ratio Lower Upper

278 100

139 9.3 7.4 11.0

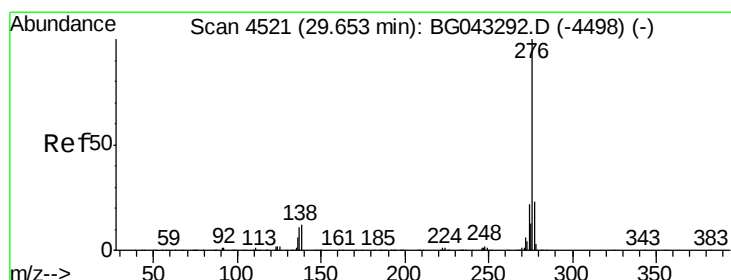
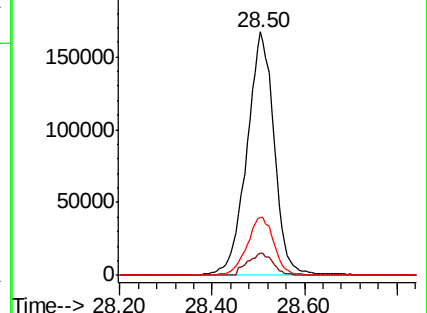
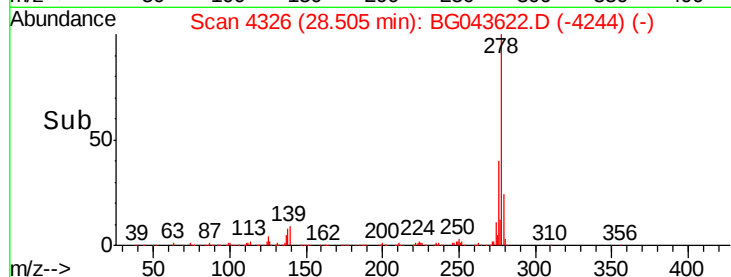
279 23.9 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.298 ng

RT: 29.59 min Scan# 4510

Delta R.T. -0.04 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

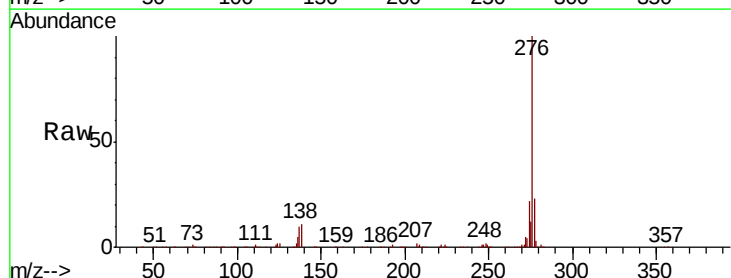
Tgt Ion:276 Resp: 681150

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 10.9 8.9 13.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

