

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
 Data File : BG043301.D
 Acq On : 22 Oct 2019 11:10
 Operator : JU
 Sample : PB123945BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Quant Time: Oct 22 13:07:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29908	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	119341	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	87993	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	209091	20.00	ng	0.00
76) Chrysene-d12	21.67	240	258247	20.00	ng	0.00
87) Perylene-d12	24.87	264	295260	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	207784	127.31	ng	0.00
7) Phenol-d6	7.20	99	284942	121.34	ng	0.00
23) Nitrobenzene-d5	9.19	82	144836	62.57	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	191369	114.28	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	397857	62.48	ng	0.00
79) Terphenyl-d14	20.00	244	876172	63.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24476	38.483	ng	# 92
3) Pyridine	3.89	79	59167	36.878	ng	96
4) n-Nitrosodimethylamine	3.80	42	37313	46.088	ng	98
6) Aniline	7.35	93	98114	36.270	ng	96
8) 2-Chlorophenol	7.59	128	84685	47.003	ng	98
9) Benzaldehyde	7.16	77	49603	42.982	ng	91
10) Phenol	7.23	94	99729	46.476	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	71999	43.398	ng	95
12) 1,3-Dichlorobenzene	7.92	146	94309	41.778	ng	90
13) 1,4-Dichlorobenzene	8.06	146	95075	41.628	ng	97
14) 1,2-Dichlorobenzene	8.38	146	91196	40.895	ng	99
15) Benzyl Alcohol	8.27	79	72673	44.066	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99866	41.398	ng	97
17) 2-Methylphenol	8.48	107	70235	44.899	ng	96
18) Hexachloroethane	9.11	117	33829	41.054	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	60189	39.666	ng	# 94
20) 3+4-Methylphenols	8.81	107	94628	44.114	ng	93
22) Acetophenone	8.85	105	122513	40.087	ng	98
24) Nitrobenzene	9.23	77	93937	42.599	ng	94
25) Isophorone	9.75	82	179444	42.400	ng	98
26) 2-Nitrophenol	9.94	139	47743	44.846	ng	95
27) 2,4-Dimethylphenol	10.01	122	78832	51.663	ng	93
28) bis(2-Chloroethoxy)methane	10.23	93	96769	41.428	ng	99
29) 2,4-Dichlorophenol	10.49	162	86679	44.336	ng	86
30) 1,2,4-Trichlorobenzene	10.69	180	101578	41.223	ng	100
31) Naphthalene	10.88	128	263476	43.494	ng	98
32) Benzoic acid	10.14	122	36142	34.221	ng	91
33) 4-Chloroaniline	11.00	127	56522	22.762	ng	98
34) Hexachlorobutadiene	11.17	225	73839	40.537	ng	89
35) Caprolactam	11.75	113	11352	16.859	ng	# 67
36) 4-Chloro-3-methylphenol	12.12	107	96728	45.358	ng	98
37) 2-Methylnaphthalene	12.48	142	200502	43.138	ng	96
38) 1-Methylnaphthalene	12.70	142	191897	43.392	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	129497	39.766	ng	99

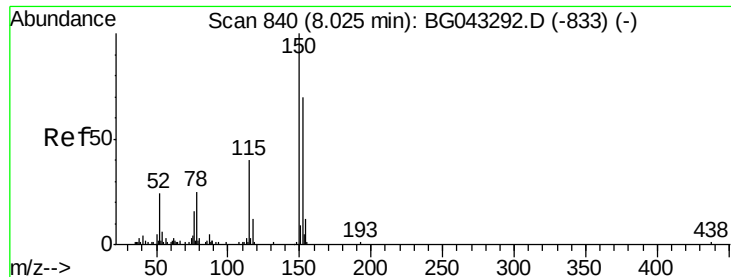
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
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 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	174026	101.731	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	82958	43.257	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	86749	44.743	ng	99
46) 1,1'-Biphenyl	13.49	154	273829	40.906	ng	99
47) 2-Chloronaphthalene	13.53	162	211575	41.540	ng	98
48) 2-Nitroaniline	13.73	65	59844	39.312	ng	100
49) Acenaphthylene	14.38	152	344848	43.503	ng	98
50) Dimethylphthalate	14.10	163	290599	42.637	ng	99
51) 2,6-Dinitrotoluene	14.22	165	63121	42.629	ng	99
52) Acenaphthene	14.72	154	202974	41.988	ng	100
53) 3-Nitroaniline	14.56	138	42093	29.444	ng	98
54) 2,4-Dinitrophenol	14.76	184	70968	77.049	ng	92
55) Dibenzofuran	15.05	168	336249	42.893	ng	99
56) 4-Nitrophenol	14.88	139	96216	100.434	ng	94
57) 2,4-Dinitrotoluene	15.02	165	90686	42.856	ng	100
58) Fluorene	15.70	166	282448	42.958	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	93939	45.603	ng	# 99
60) Diethylphthalate	15.47	149	289443	42.265	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	160438	41.828	ng	93
62) 4-Nitroaniline	15.73	138	60341	40.871	ng	99
63) Azobenzene	15.98	77	242935	43.832	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	57113	46.414	ng	87
66) n-Nitrosodiphenylamine	15.90	169	252673	42.803	ng	97
67) 4-Bromophenyl-phenylether	16.58	248	115600	41.082	ng	98
68) Hexachlorobenzene	16.71	284	128646	39.829	ng	99
69) Atrazine	16.85	200	115152	56.138	ng	92
70) Pentachlorophenol	17.05	266	142527	96.839	ng	96
71) Phenanthrene	17.44	178	455729	42.564	ng	99
72) Anthracene	17.53	178	477654	44.588	ng	99
73) Carbazole	17.80	167	438059	45.156	ng	99
74) Di-n-butylphthalate	18.35	149	525170	44.616	ng	99
75) Fluoranthene	19.45	202	648767	46.478	ng	99
77) Benzidine	19.63	184	306282	58.931	ng	98
78) Pyrene	19.81	202	657550	41.135	ng	100
80) Butylbenzylphthalate	20.69	149	250210	41.315	ng	97
81) Benzo(a)anthracene	21.65	228	699718	43.255	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	203731	32.562	ng	98
83) Chrysene	21.71	228	686579	42.718	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	366860	42.644	ng	99
85) Di-n-octyl phthalate	22.75	149	628788	43.081	ng	99
86) Indeno(1,2,3-cd)pyrene	28.51	276	862539	42.753	ng	100
88) Benzo(b)fluoranthene	23.85	252	711191	42.529	ng	99
89) Benzo(k)fluoranthene	23.92	252	747972	44.430	ng	99
90) Benzo(a)pyrene	24.72	252	675974	42.331	ng	99
91) Dibenzo(a,h)anthracene	28.58	278	724438	44.352	ng	98
92) Benzo(g,h,i)perylene	29.65	276	733100	45.501	ng	97

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

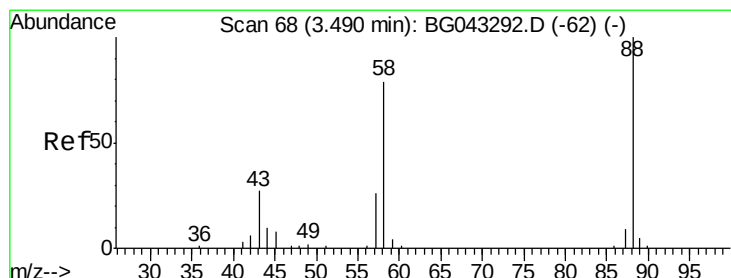
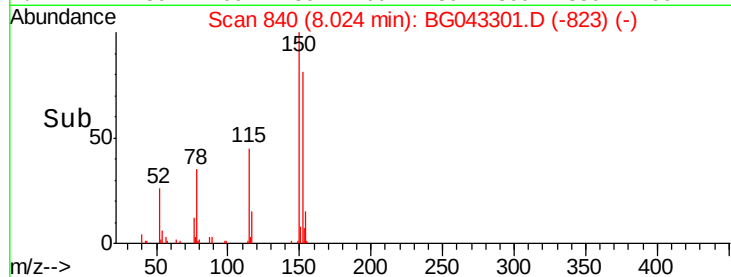
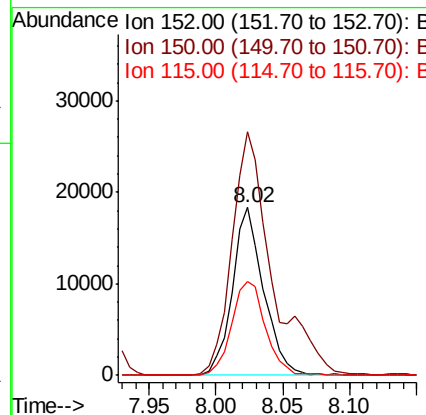
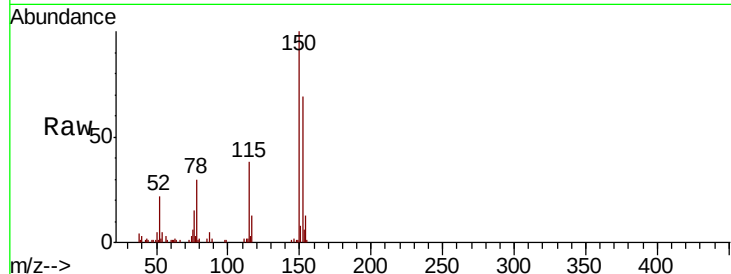


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

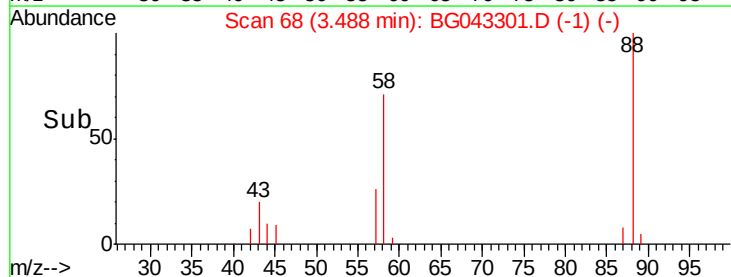
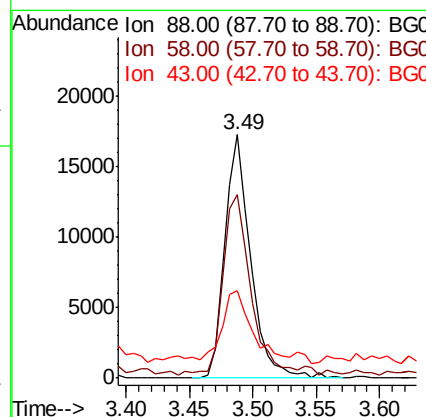
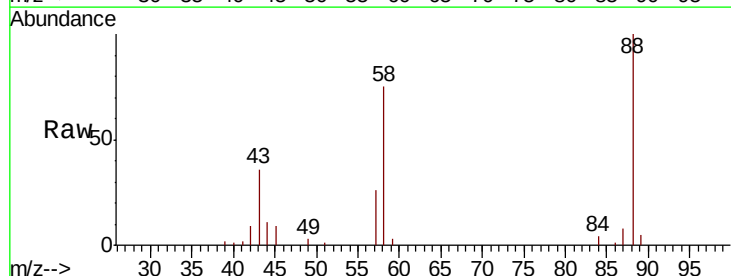
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	113.6	170.4
115	55.8	45.9	68.9

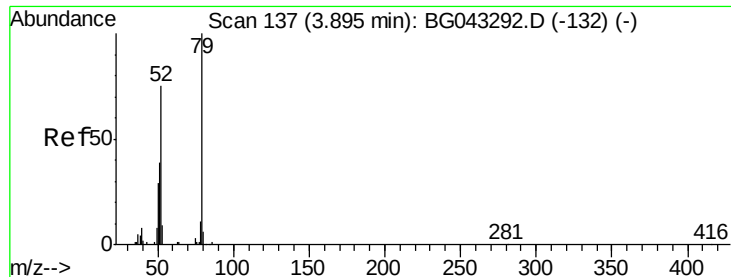


#2

1,4-Dioxane
Concen: 38.483 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.5	60.2	90.2
43	34.4	22.7	34.1





#3

Pvridine

Concen: 36.878 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

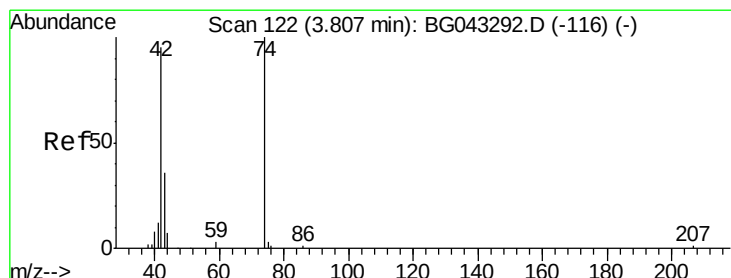
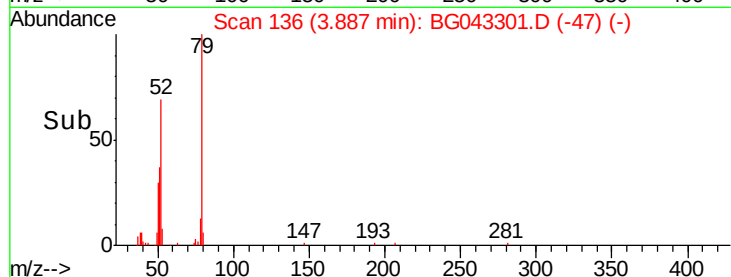
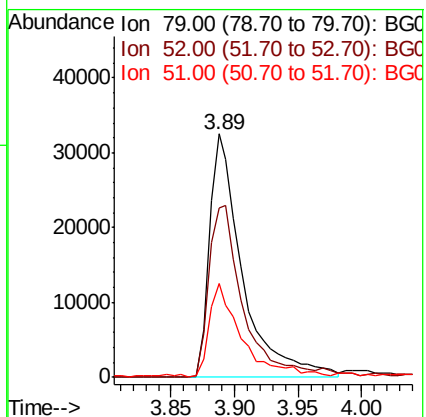
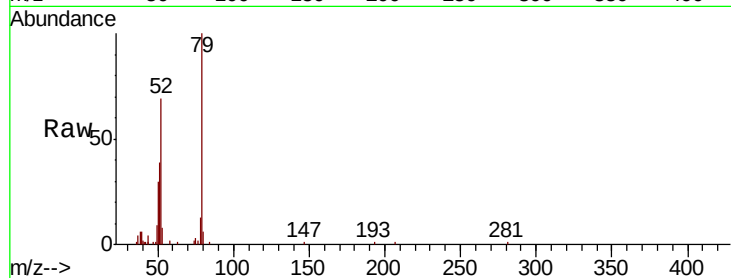
Tot Ion: 79 Resp: 59167

Ion Ratio Lower Upper

79 100

52 69.4 59.7 89.5

51 38.8 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 46.088 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

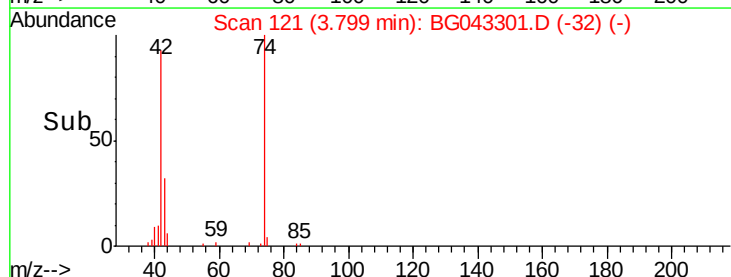
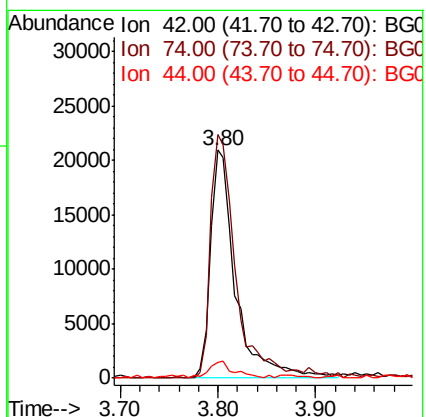
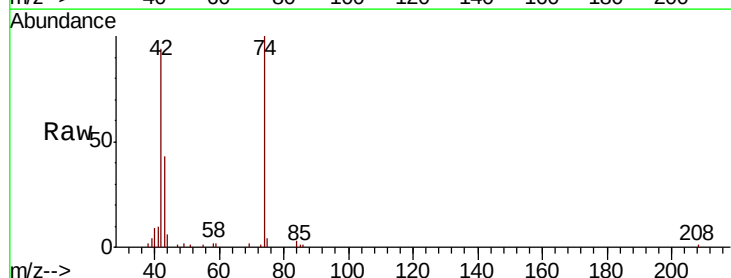
Tgt Ion: 42 Resp: 37313

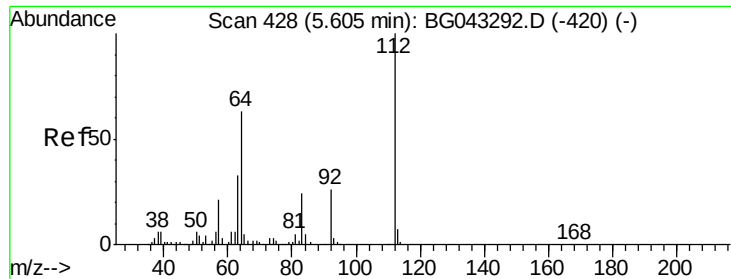
Ion Ratio Lower Upper

42 100

74 106.8 84.2 126.2

44 6.9 6.0 9.0





#5

2-Fluorophenol

Concen: 127.308 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

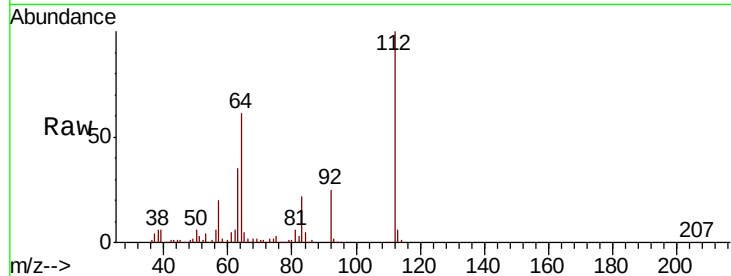
Tot Ion:112 Resp: 207784

Ion Ratio Lower Upper

112 100

64 60.7 50.2 75.2

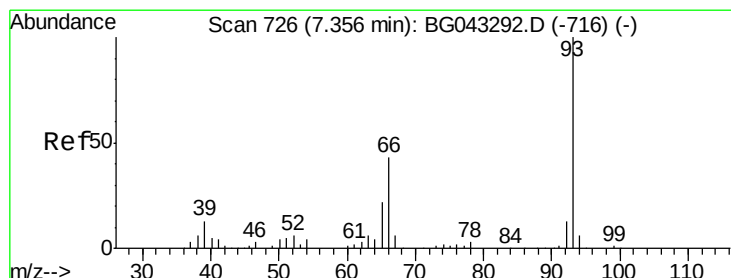
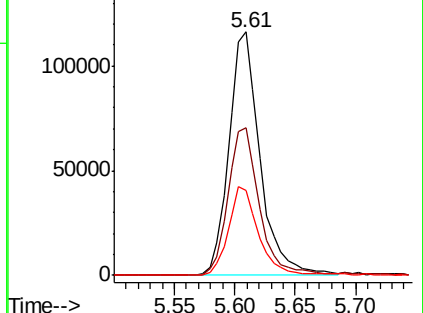
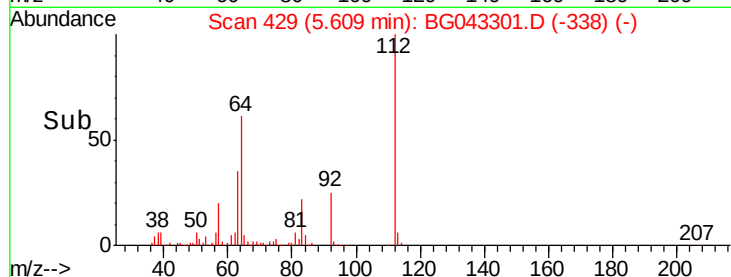
63 34.7 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.270 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

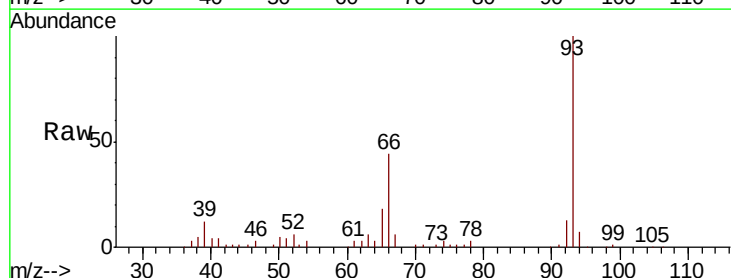
Tgt Ion: 93 Resp: 98114

Ion Ratio Lower Upper

93 100

66 43.9 34.5 51.7

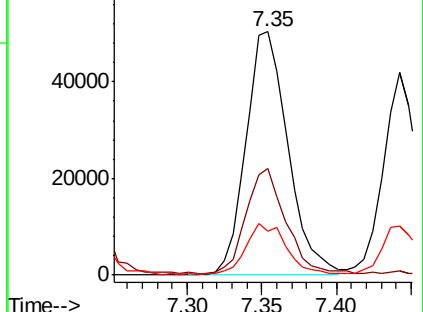
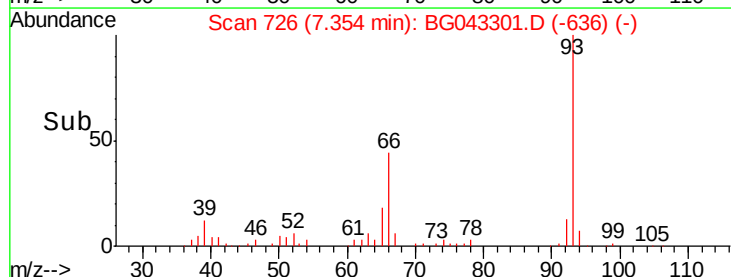
65 18.0 18.0 27.0

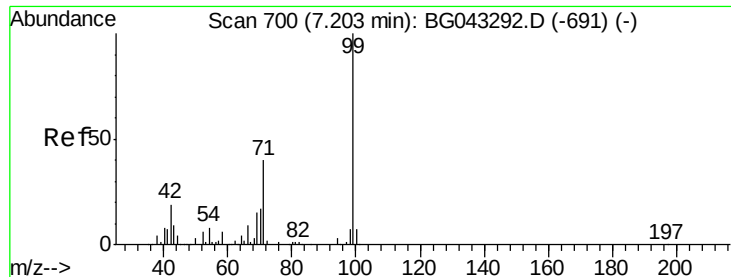


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.342 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

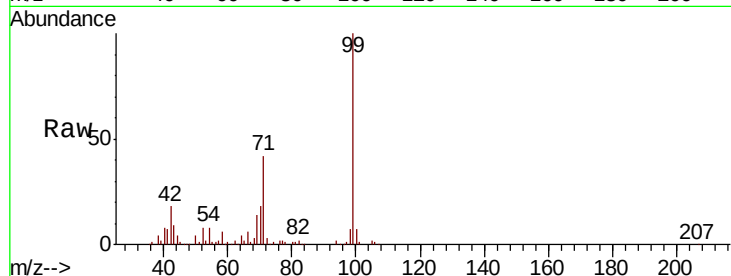
Tot Ion: 99 Resp: 284942

Ion Ratio Lower Upper

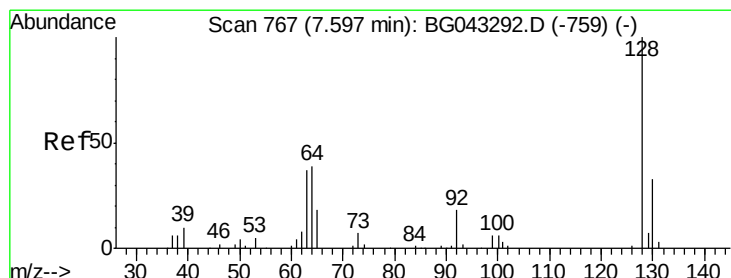
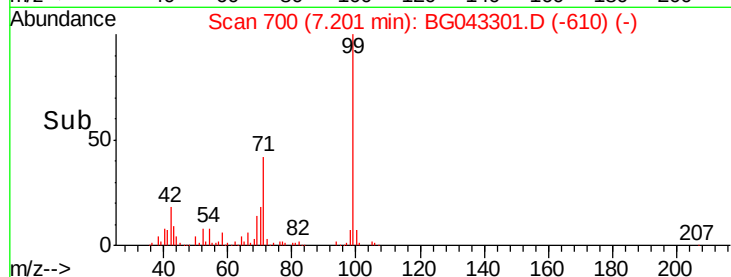
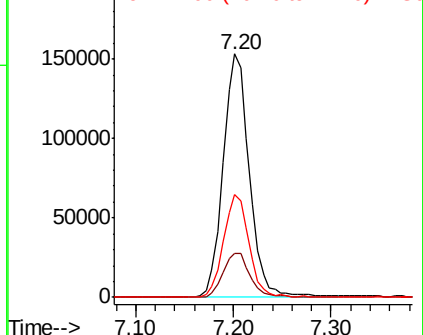
99 100

42 18.1 14.9 22.3

71 42.0 32.2 48.2



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



#8

2-Chlorophenol

Concen: 47.003 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

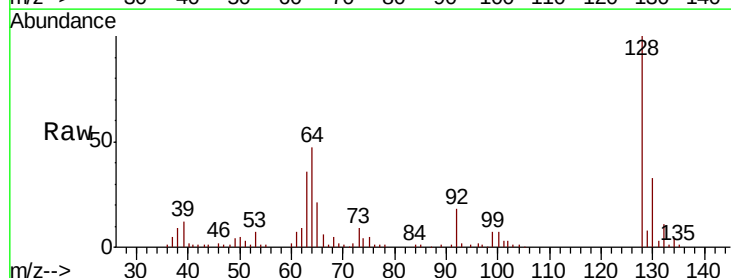
Tgt Ion: 128 Resp: 84685

Ion Ratio Lower Upper

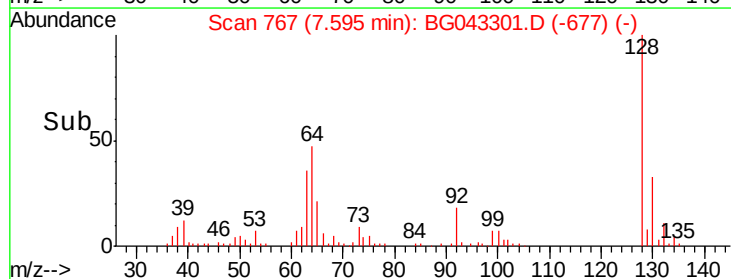
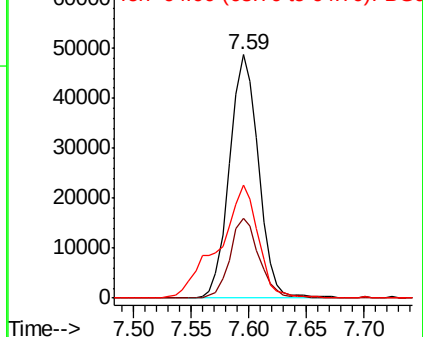
128 100

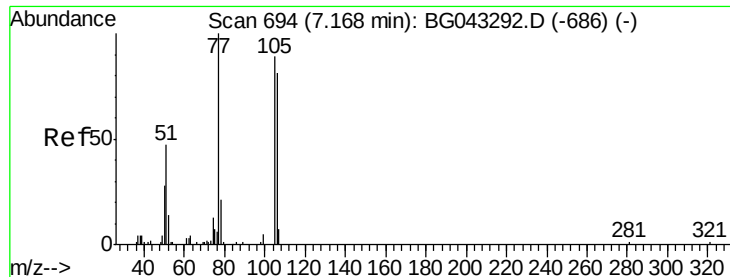
130 32.5 12.9 52.9

64 46.6 24.9 64.9



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





#9

Benzaldehyde

Concen: 42.982 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

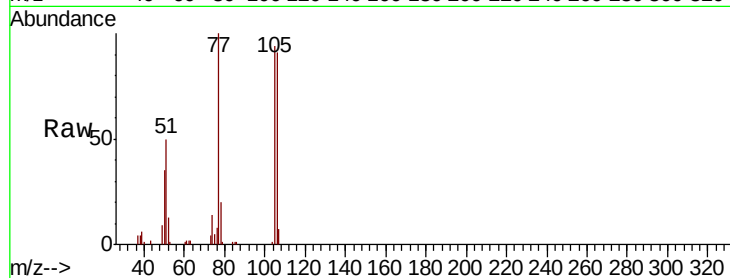
Tot Ion: 77 Resp: 49603

Ion Ratio Lower Upper

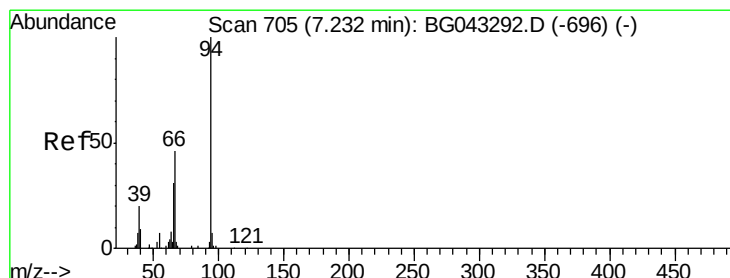
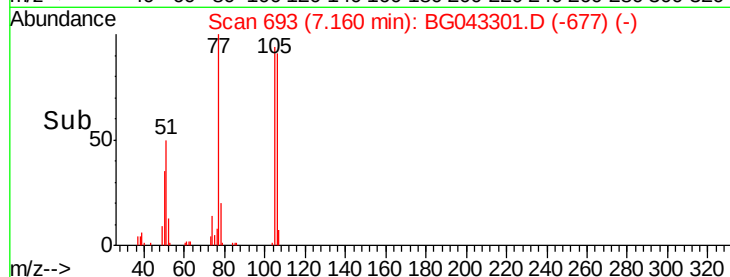
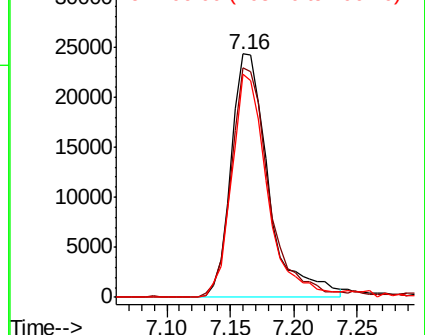
77 100

105 94.1 68.7 108.7

106 91.4 60.5 100.5



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: 46.476 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

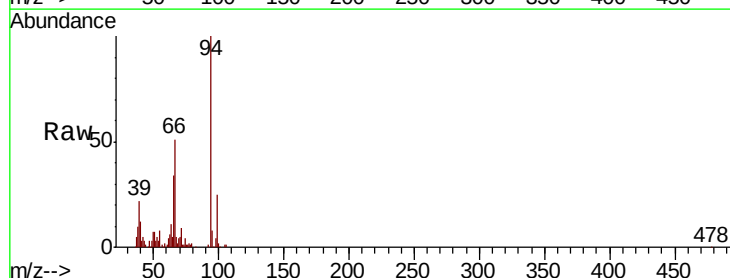
Tgt Ion: 94 Resp: 99729

Ion Ratio Lower Upper

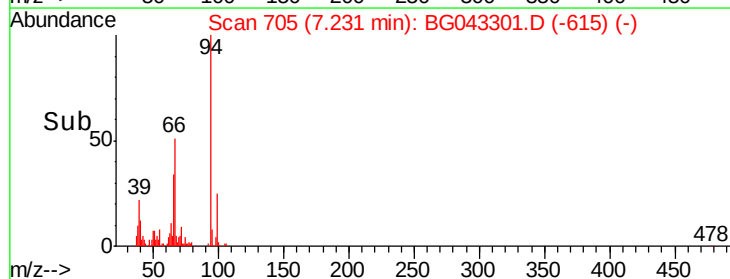
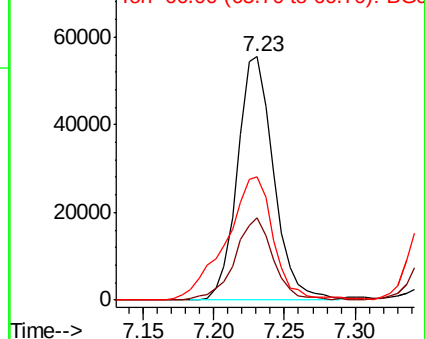
94 100

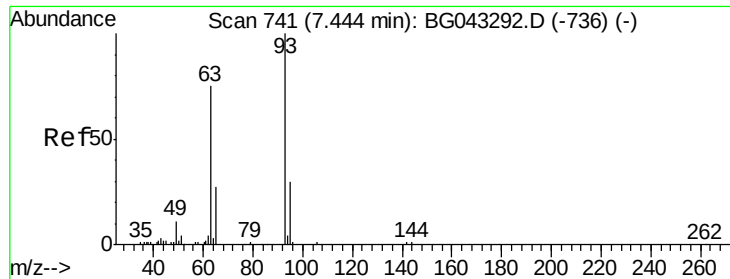
65 34.0 11.1 51.1

66 50.7 27.8 67.8



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

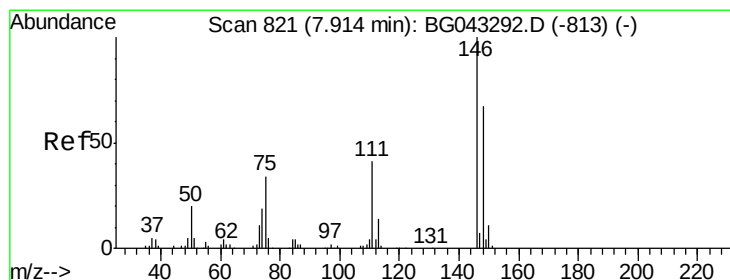
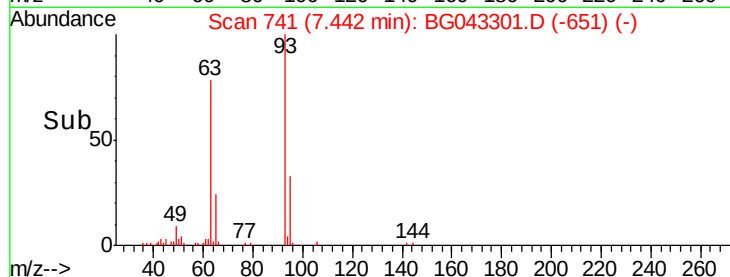
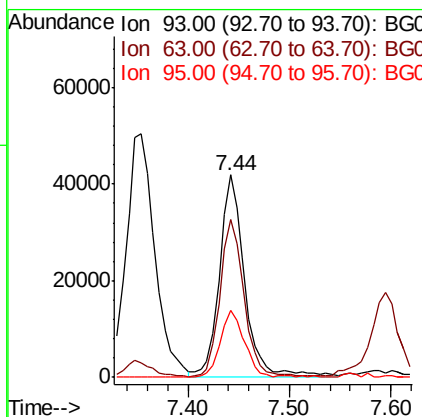
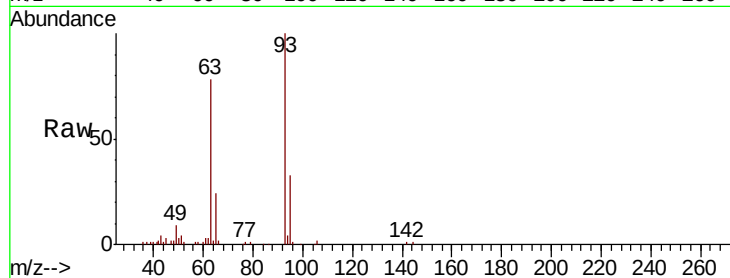




#11
bis(2-Chloroethyl)ether
Concen: 43.398 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

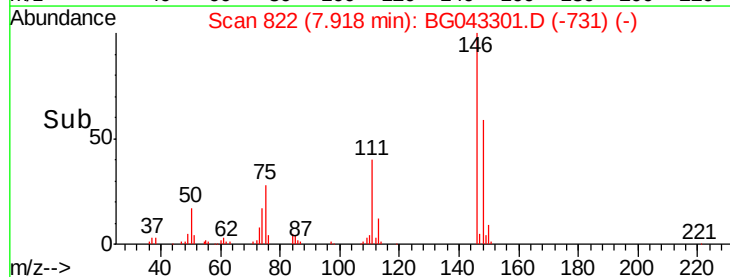
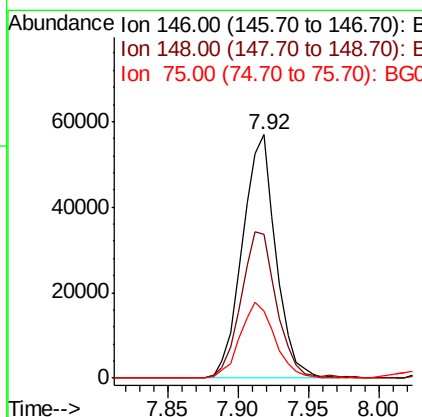
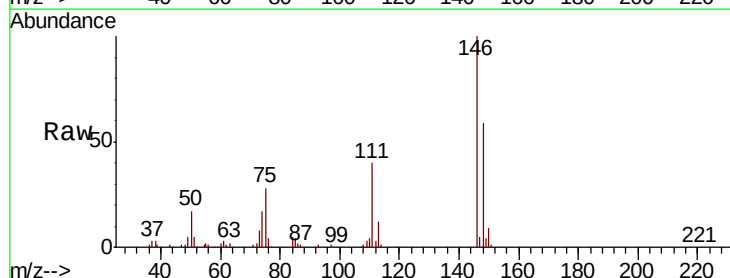
Instrument :
BNA_G
ClientSampleId :
PB123945BSD

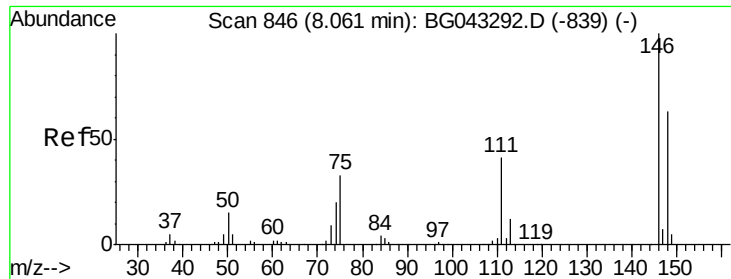
Tot Ion: 93 Resp: 71999
Ion Ratio Lower Upper
93 100
63 77.9 54.6 94.6
95 33.3 9.7 49.7



#12
1,3-Dichlorobenzene
Concen: 41.778 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion: 146 Resp: 94309
Ion Ratio Lower Upper
146 100
148 58.8 53.4 80.2
75 27.7 27.0 40.4

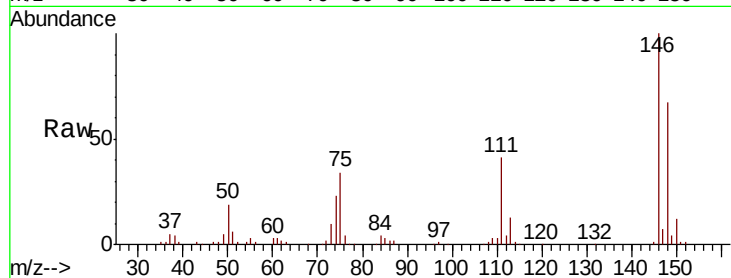




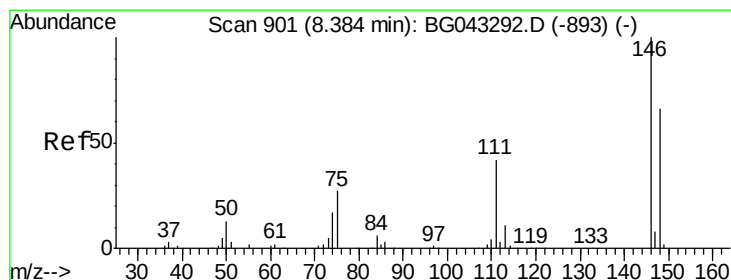
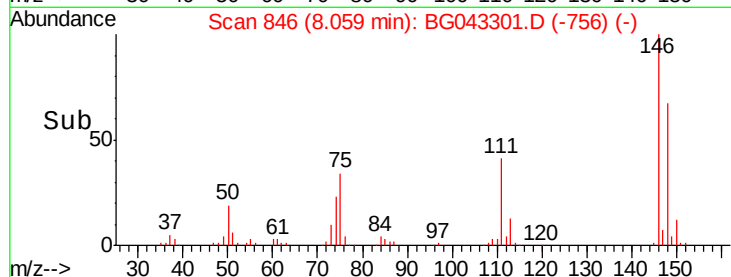
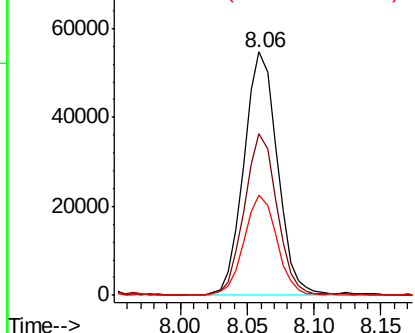
#13
 1,4-Dichlorobenzene
 Concen: 41.628 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion:146 Resp: 95075
 Ion Ratio Lower Upper
 146 100
 148 66.6 50.7 76.1
 111 41.0 33.0 49.6

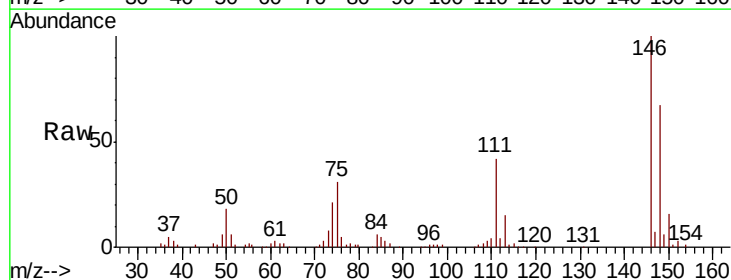


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

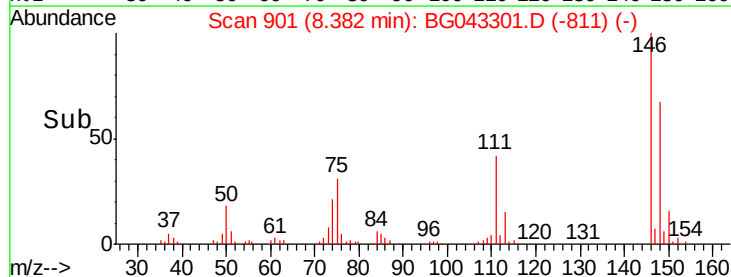
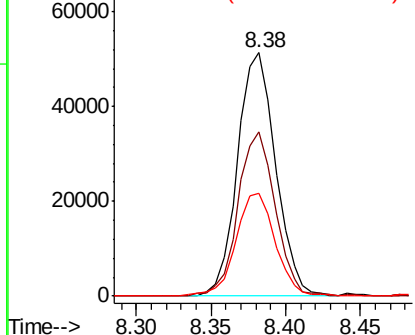


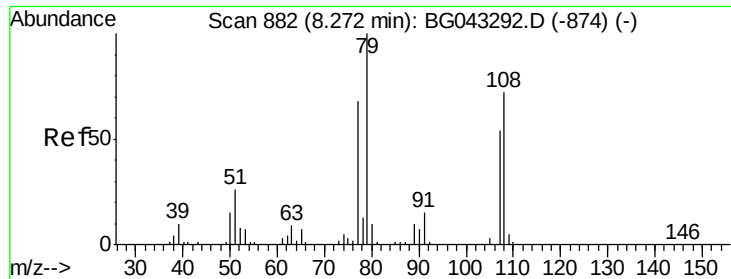
#14
 1,2-Dichlorobenzene
 Concen: 40.895 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion:146 Resp: 91196
 Ion Ratio Lower Upper
 146 100
 148 67.3 53.0 79.4
 111 42.0 34.5 51.7



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: 44.066 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

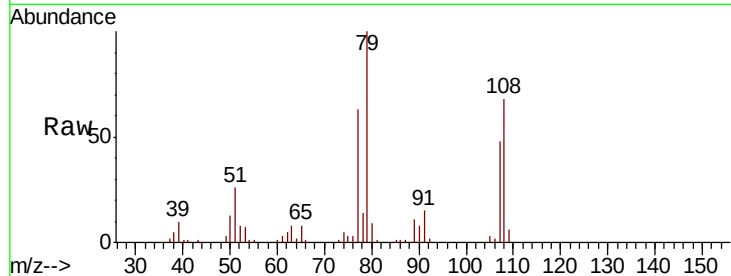
Tot Ion: 79 Resp: 72673

Ion Ratio Lower Upper

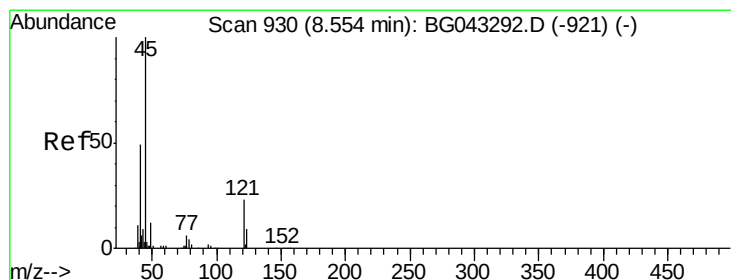
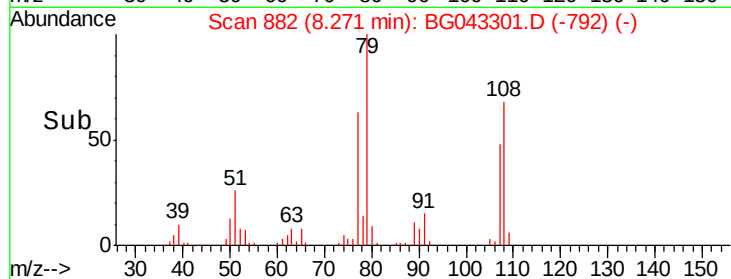
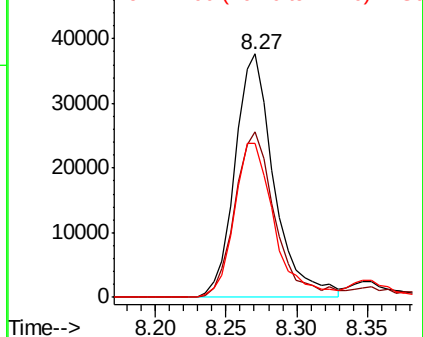
79 100

108 68.0 57.3 85.9

77 63.0 54.6 81.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.398 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

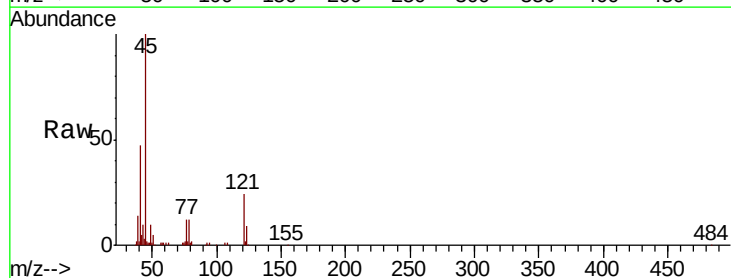
Tgt Ion: 45 Resp: 99866

Ion Ratio Lower Upper

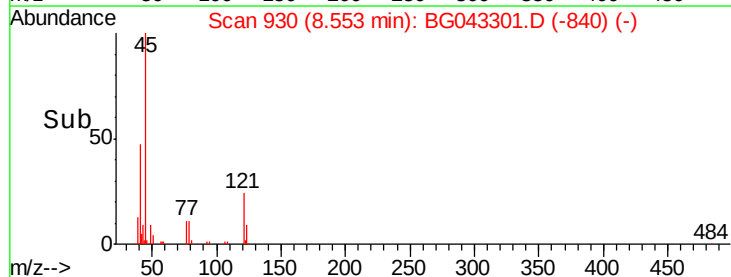
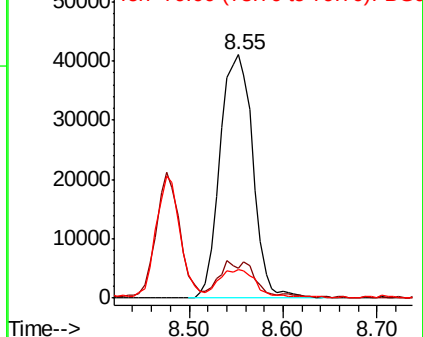
45 100

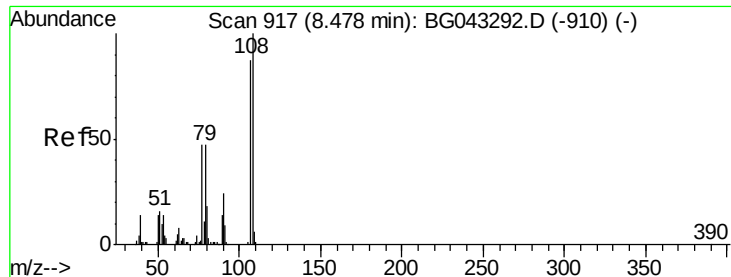
77 12.5 0.0 34.2

79 11.6 0.0 32.3



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: 44.899 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

Tot Ion:107 Resp: 70235

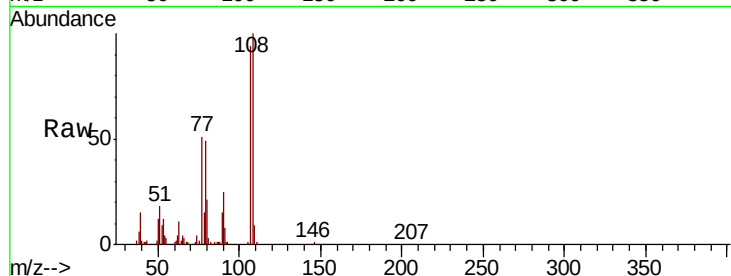
Ion Ratio Lower Upper

107 100

108 106.2 91.3 136.9

77 53.7 43.0 64.6

79 52.4 43.4 65.2

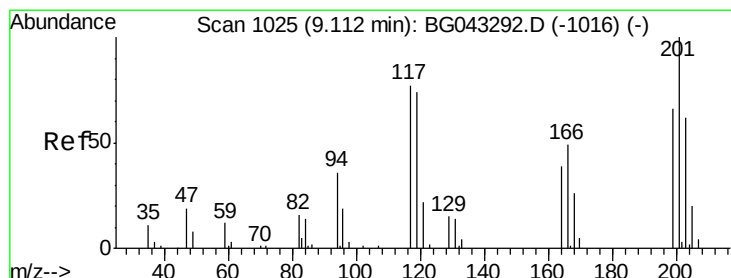
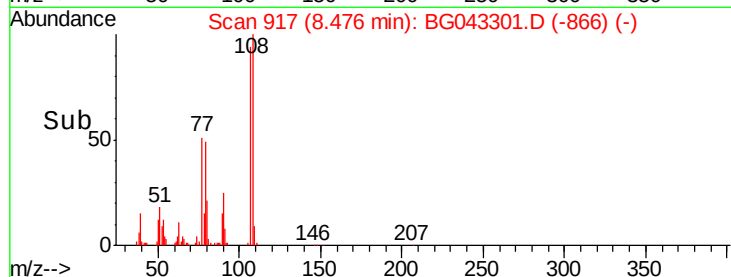
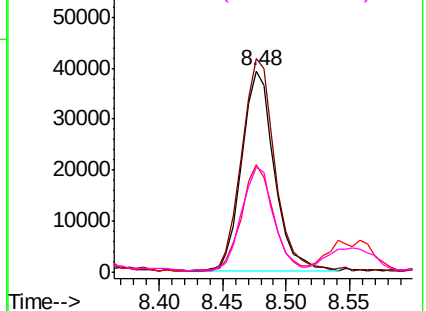


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.054 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

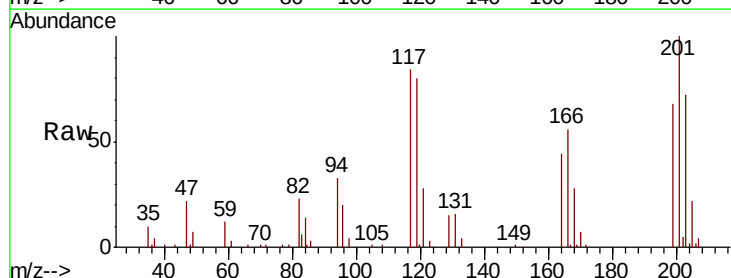
Tgt Ion:117 Resp: 33829

Ion Ratio Lower Upper

117 100

119 95.2 77.3 115.9

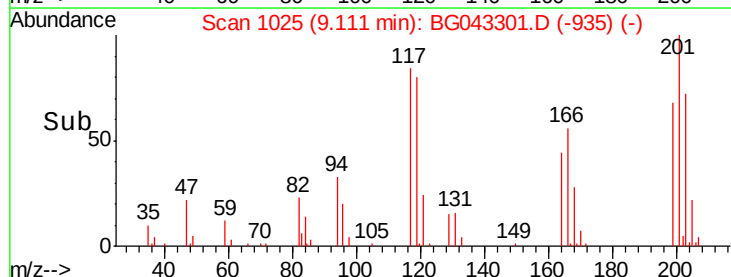
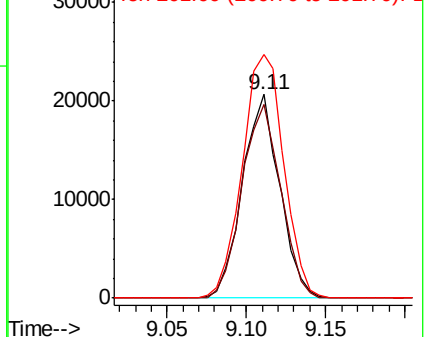
201 119.7 104.2 156.4

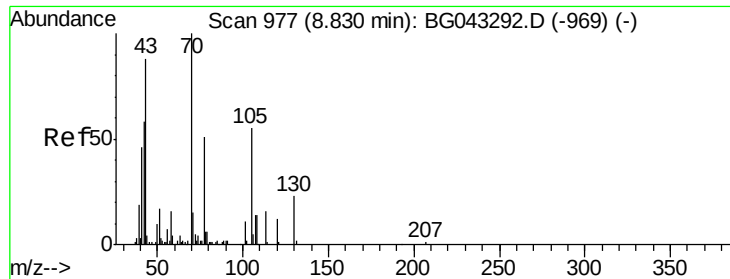


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

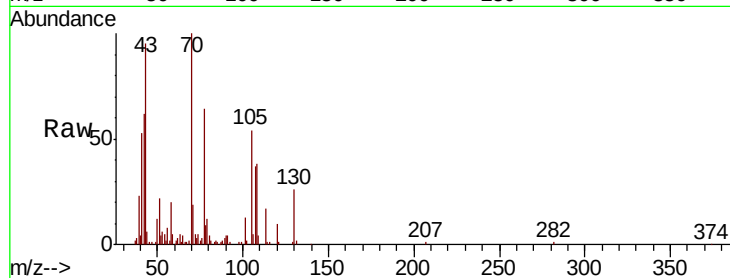




#19
n-Nitroso-di-n-propylamine
Concen: 39.666 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion:	70	Resp:	60189
Ion	Ratio	Lower	Upper
70	100		
42	62.2	46.2	69.2
101	13.0	8.6	13.0#
130	26.0	18.6	27.8



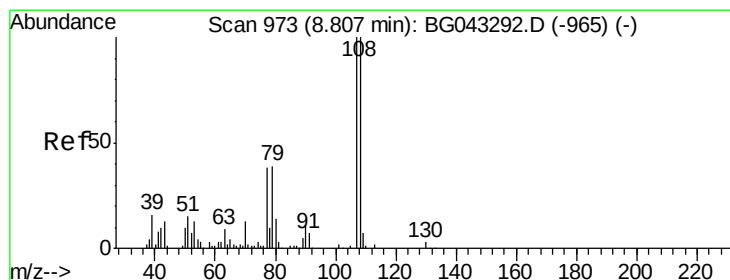
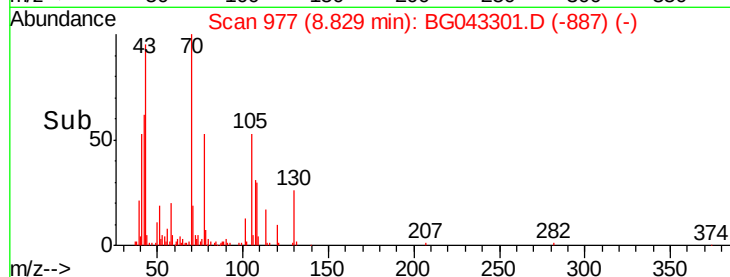
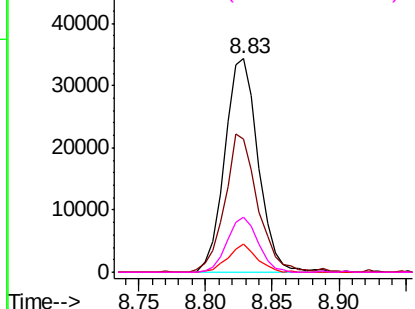
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

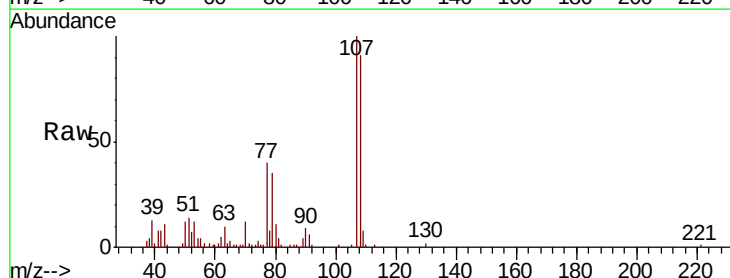
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.114 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion:	107	Resp:	94628
Ion	Ratio	Lower	Upper
107	100		
108	90.5	80.3	120.3
77	39.9	18.2	58.2
79	35.2	18.8	58.8



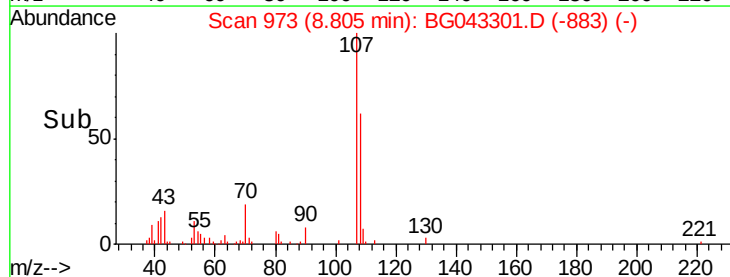
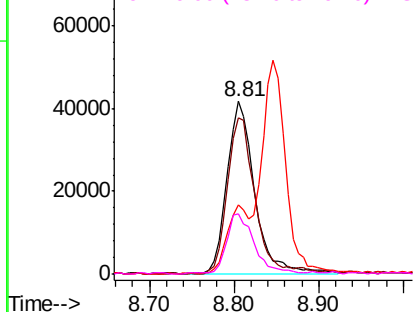
Abundance

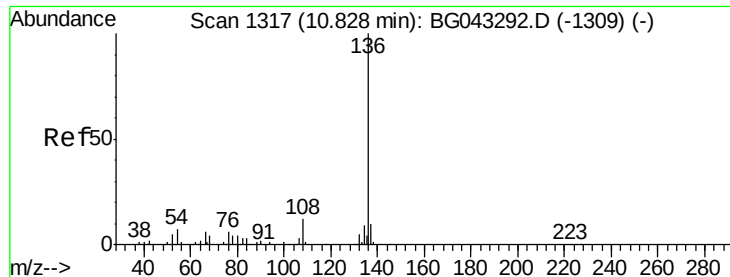
Ion 107.00 (106.70 to 107.70): BGC

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

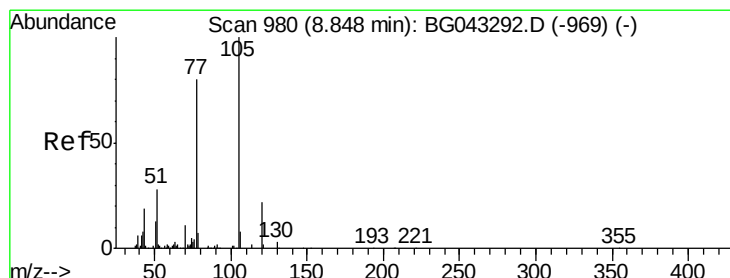
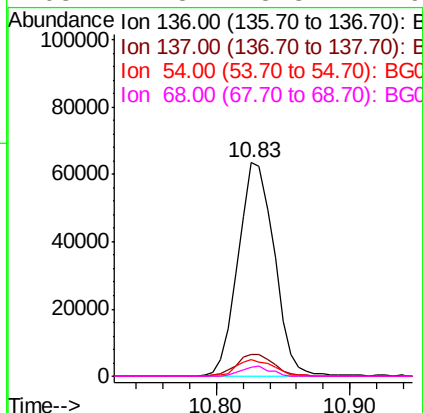
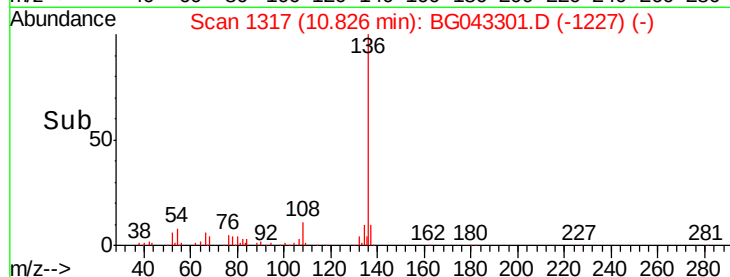
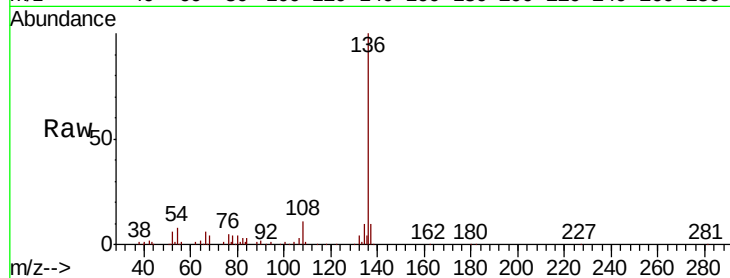




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

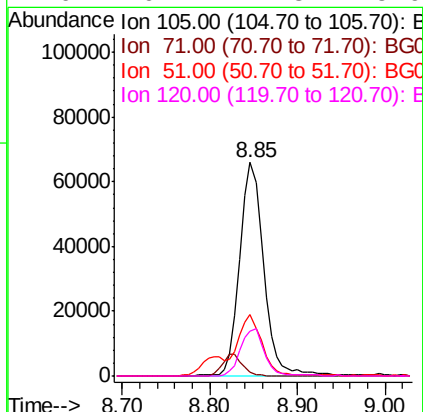
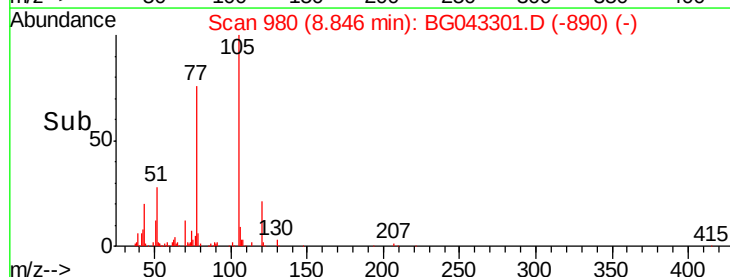
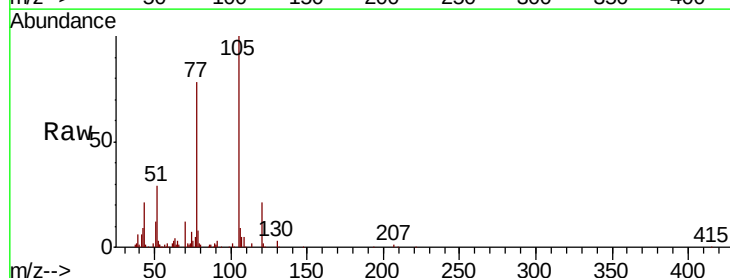
Instrument :
BNA_G
ClientSampleId :
PB123945BSD

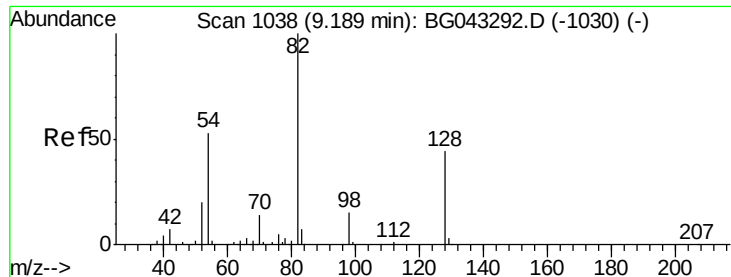
Tot Ion:136	Resp:	119341
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.2	12.2
54 7.7	5.4	8.2
68 4.3	3.3	4.9



#22
Acetophenone
Concen: 40.087 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt	Ion:105	Resp:	122513
Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.5	2.3
51	28.9	23.9	35.9
120	20.7	17.3	25.9

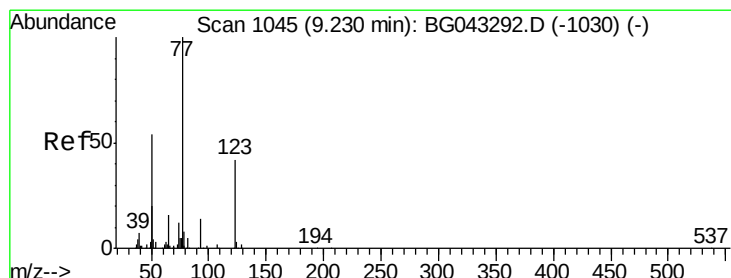
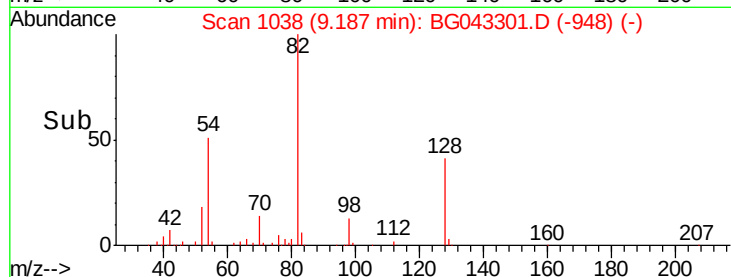
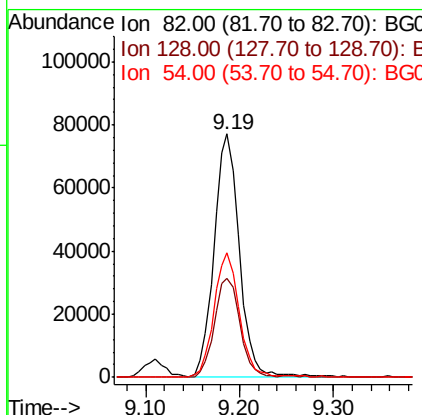
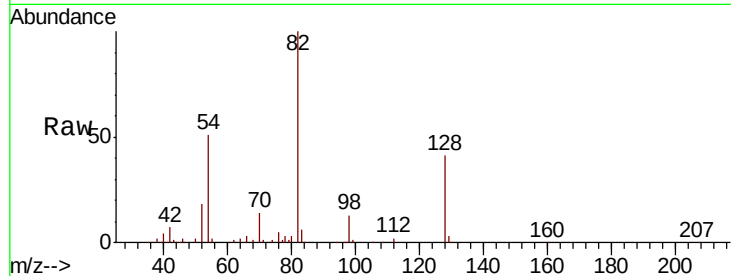




#23
 Nitrobenzene-d5
 Concen: 62.568 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

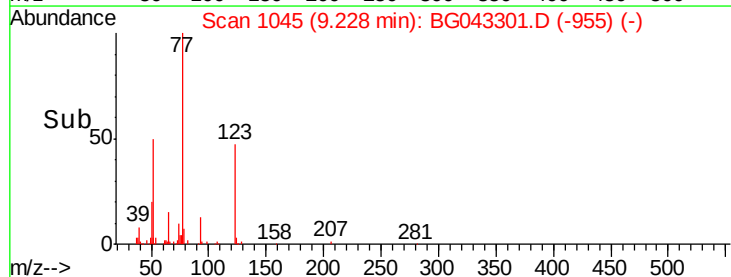
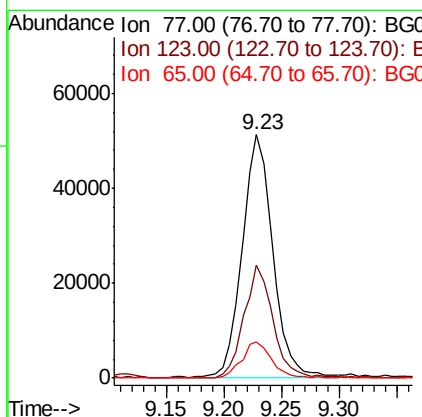
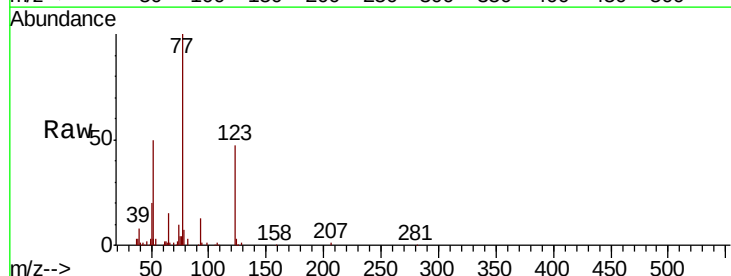
Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

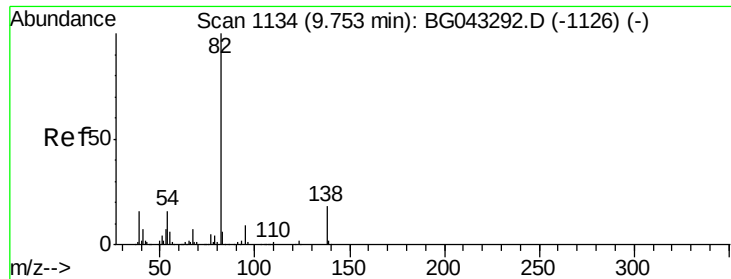
Tot Ion	82	Resp	144836
Ion Ratio	Lower	Upper	
82	100		
128	40.6	35.3	52.9
54	51.2	42.3	63.5



#24
 Nitrobenzene
 Concen: 42.599 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	77	Resp	93937
Ion Ratio	Lower	Upper	
77	100		
123	46.7	33.8	50.8
65	15.1	13.0	19.4





#25

Isophorone

Concen: 42.400 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

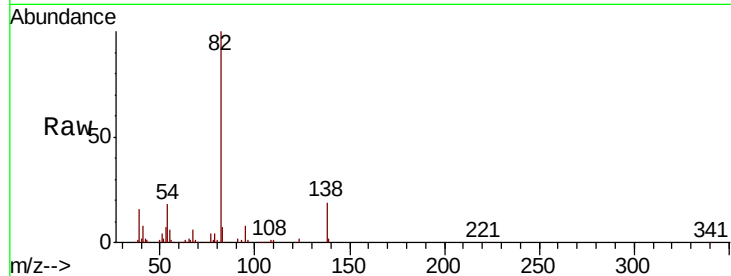
Tot Ion: 82 Resp: 179444

Ion Ratio Lower Upper

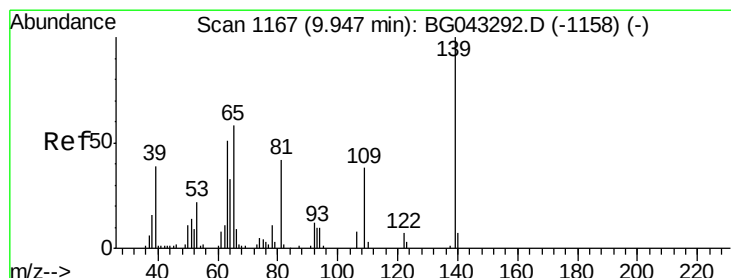
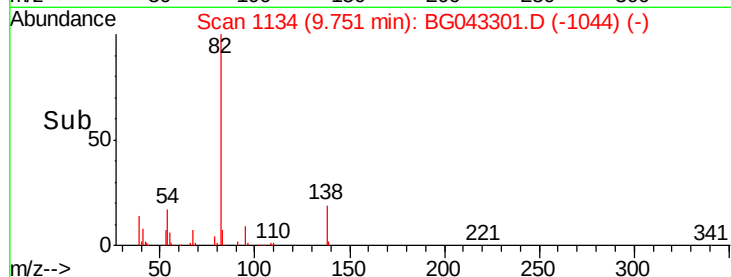
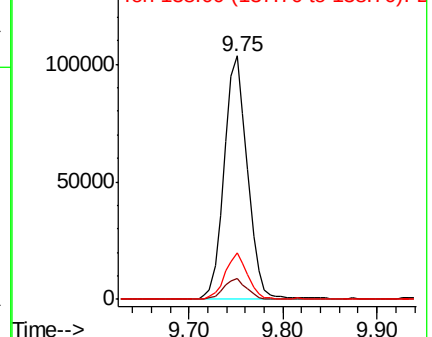
82 100

95 8.5 6.9 10.3

138 18.9 14.2 21.2



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: 44.846 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

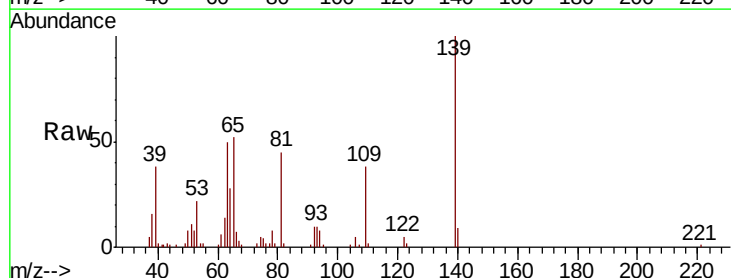
Tgt Ion: 139 Resp: 47743

Ion Ratio Lower Upper

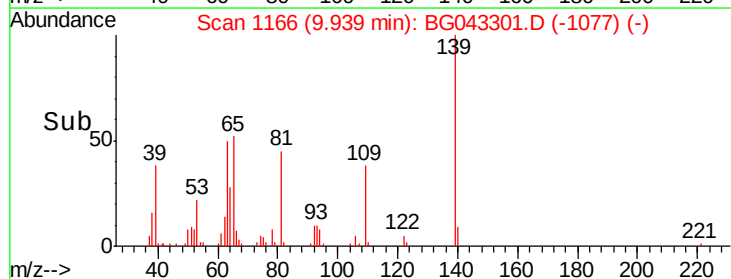
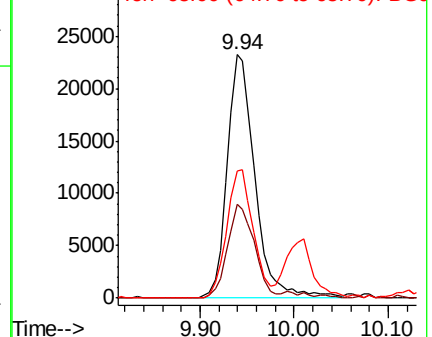
139 100

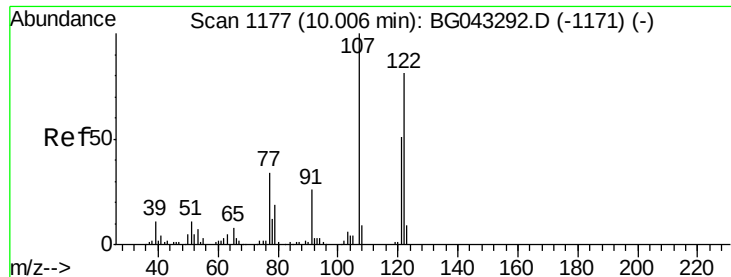
109 38.4 30.1 45.1

65 52.2 46.1 69.1



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

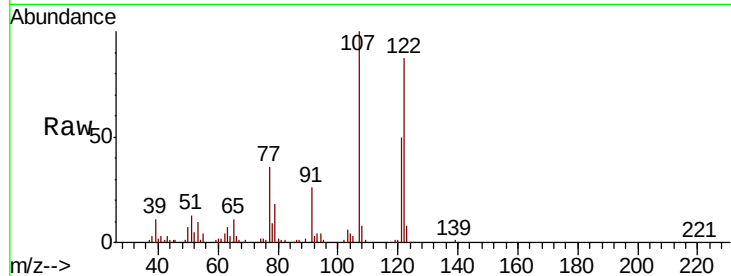




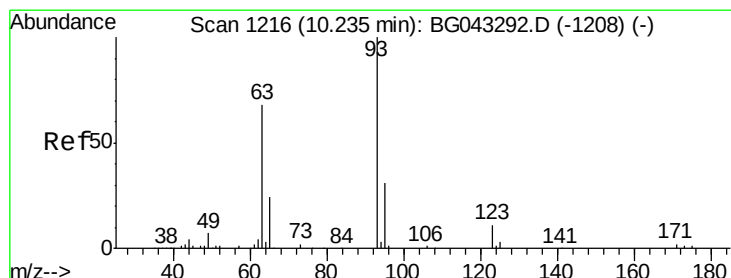
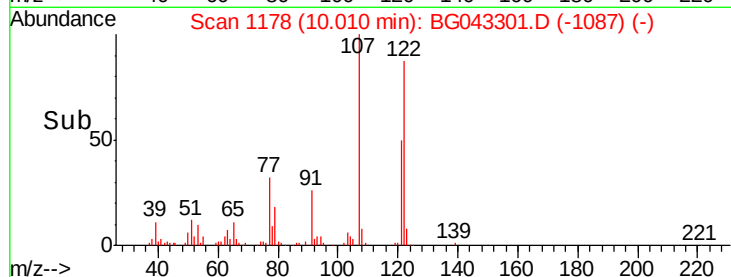
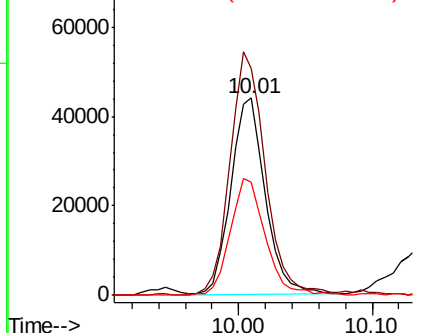
#27
2,4-Dimethylphenol
Concen: 51.663 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion:122 Resp: 78832
Ion Ratio Lower Upper
122 100
107 115.1 98.6 147.8
121 57.5 50.1 75.1

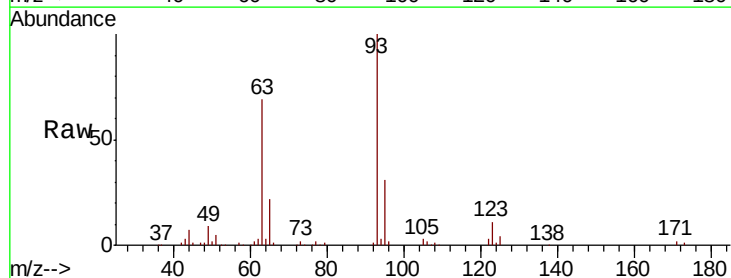


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

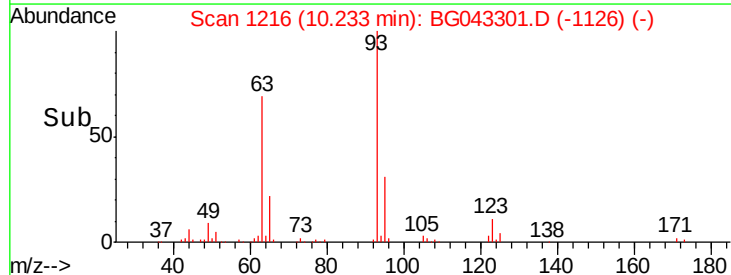
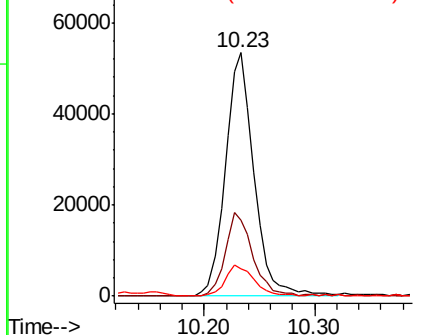


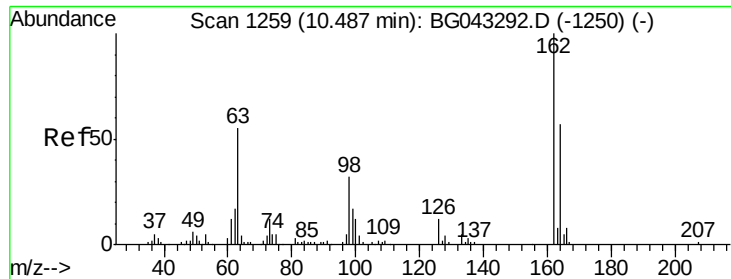
#28
bis(2-Chloroethoxy)methane
Concen: 41.428 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion: 93 Resp: 96769
Ion Ratio Lower Upper
93 100
95 31.3 24.9 37.3
123 11.4 8.9 13.3



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

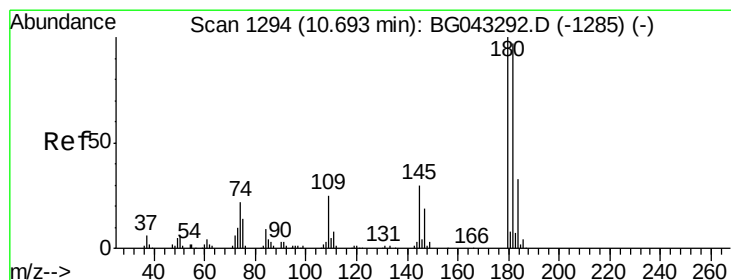
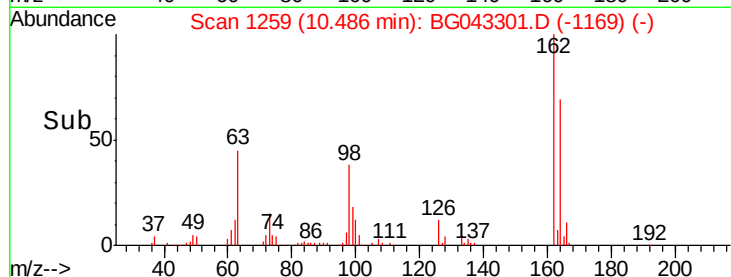
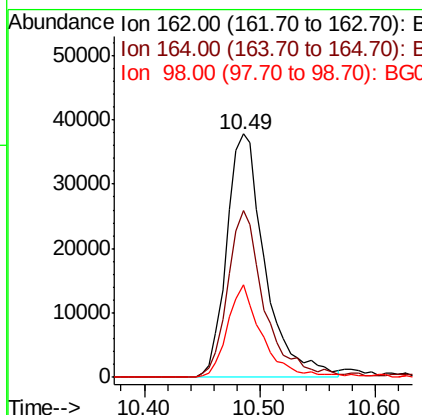
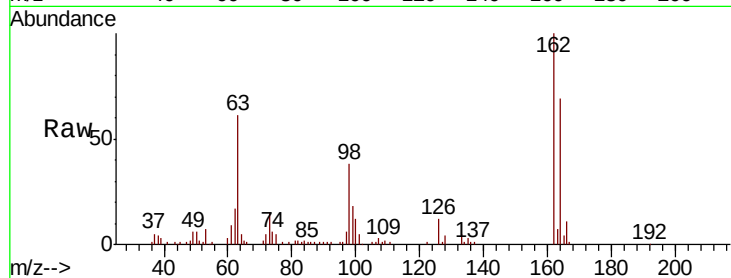




#29
 2,4-Dichlorophenol
 Concen: 44.336 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

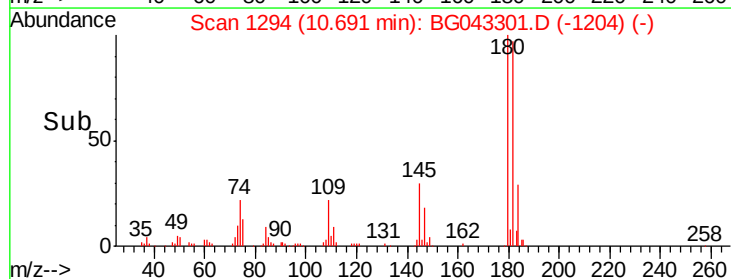
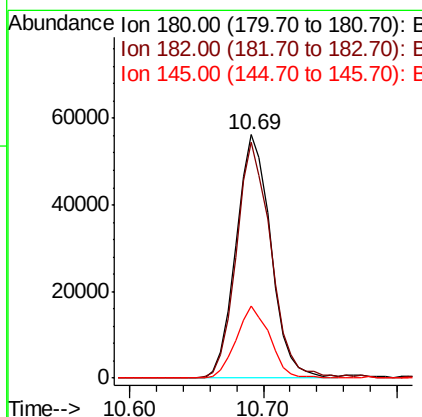
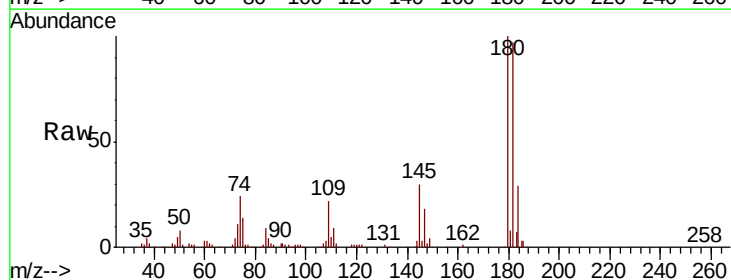
Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

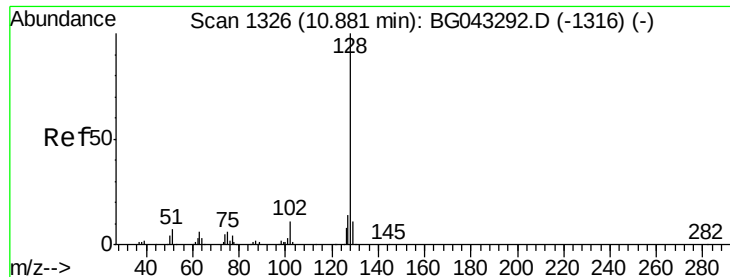
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.6	37.3	77.3
98	38.1	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.223 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.8	116.8
145	29.6	23.6	35.4

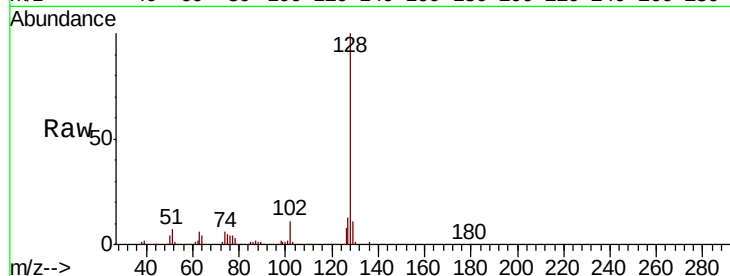




#31
Naphthalene
Concen: 43.494 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.3	11.5	17.3



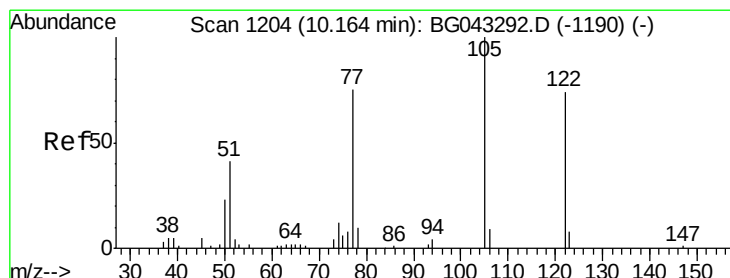
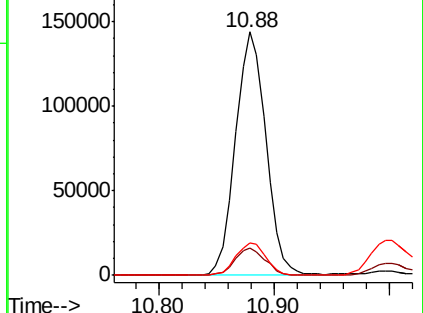
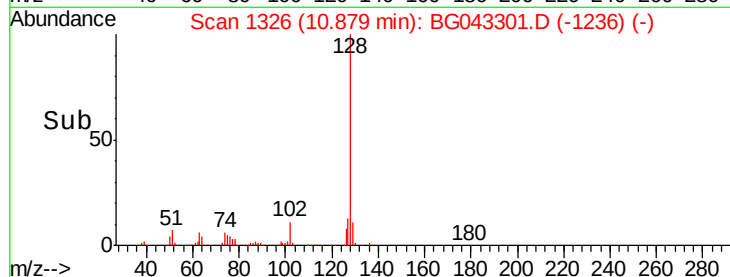
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

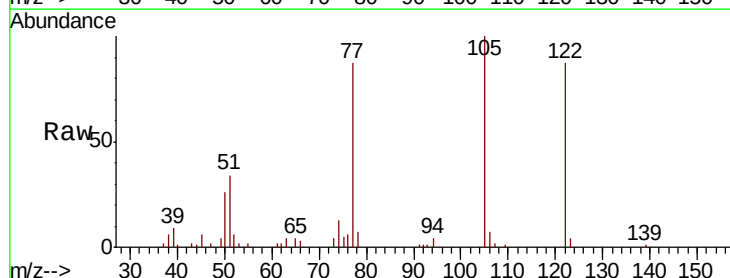
Ion 127.00 (126.70 to 127.70): E

10.88



#32
Benzoic acid
Concen: 34.221 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.2	112.4	152.4
77	100.2	82.7	122.7



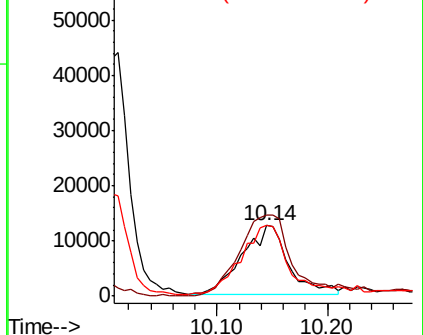
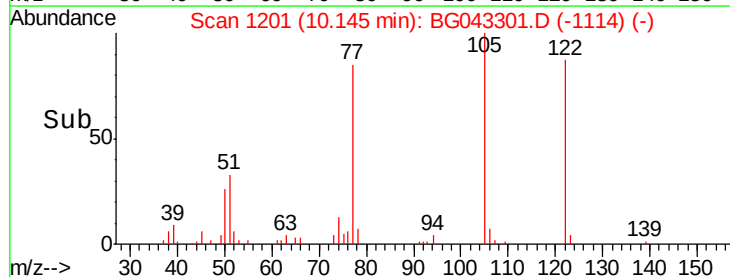
Abundance

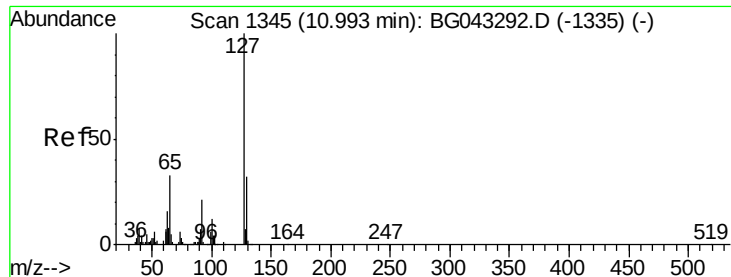
Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

10.14

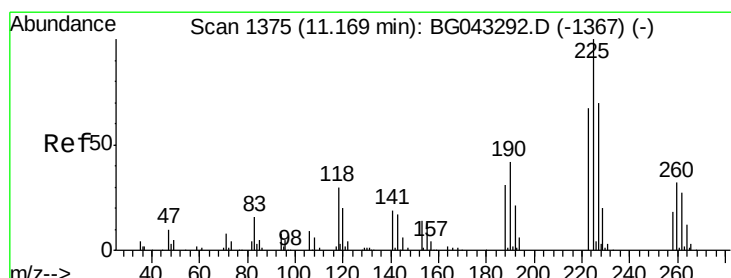
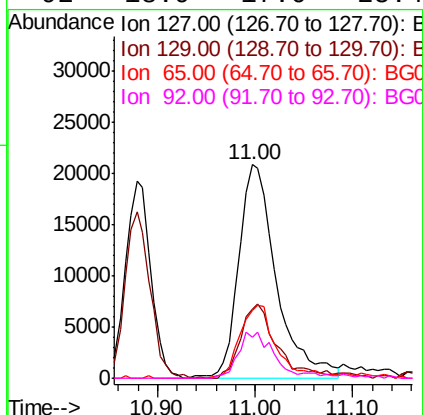
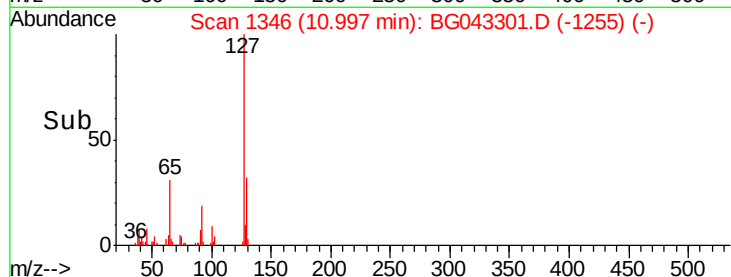
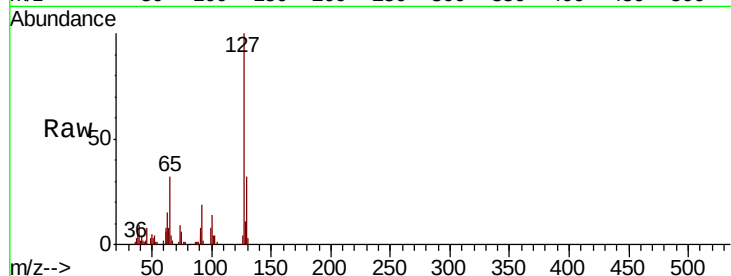




#33
4-Chloroaniline
Concen: 22.762 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

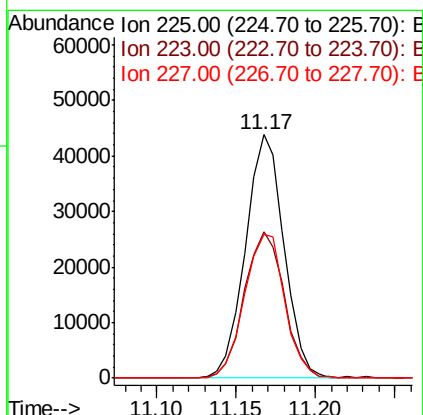
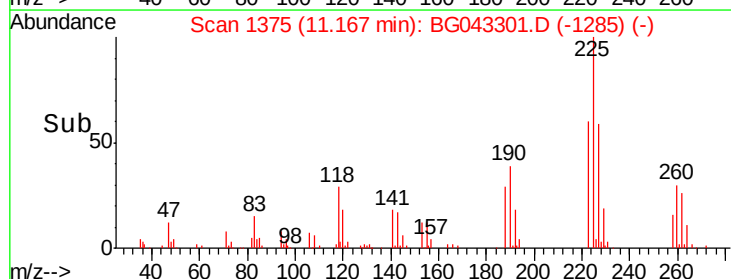
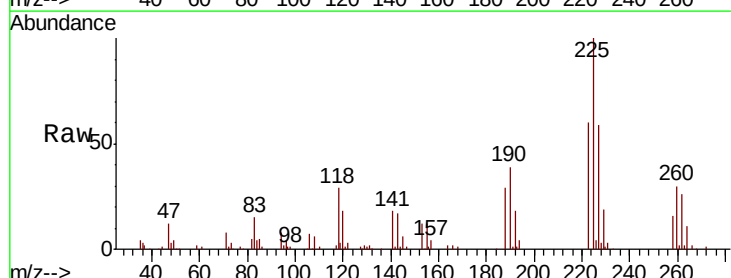
Instrument :
BNA_G
ClientSampleId :
PB123945BSD

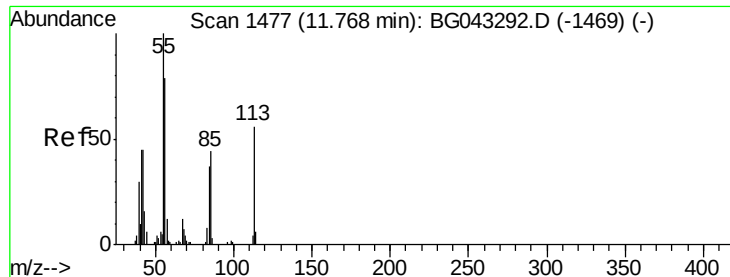
Tot Ion:127	Resp:	56522
Ion	Ratio	Lower Upper
127	100	
129	32.2	25.8 38.8
65	31.9	26.2 39.2
92	18.9	17.0 25.4



#34
Hexachlorobutadiene
Concen: 40.537 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion:225	Resp:	73839
Ion	Ratio	Lower Upper
225	100	
223	60.1	53.2 79.8
227	59.2	56.2 84.2

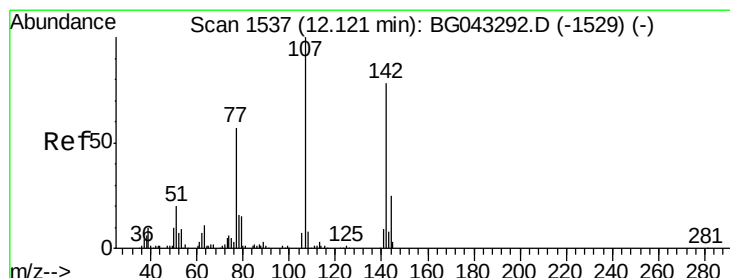
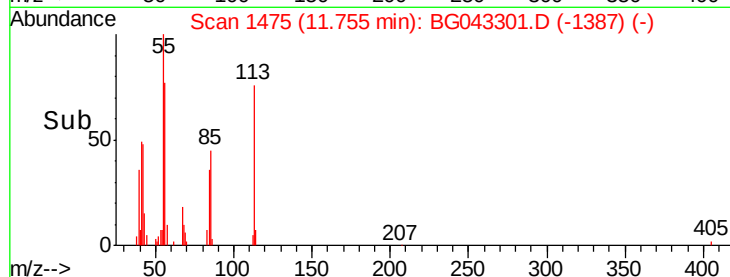
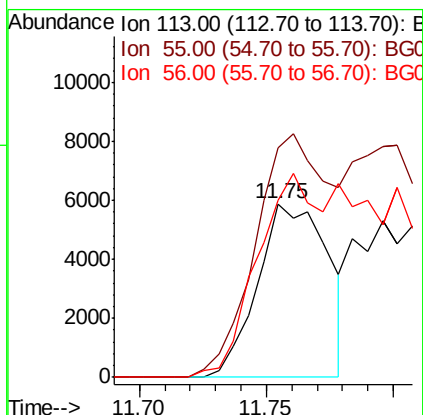
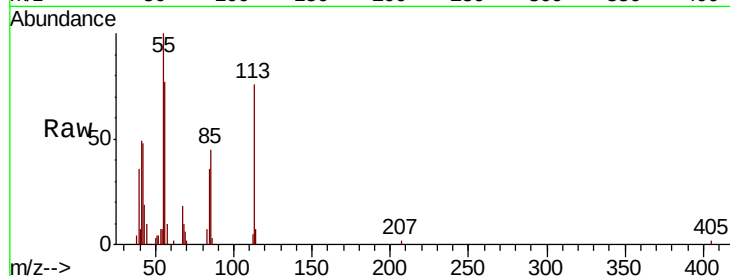




#35
 Caprolactam
 Concen: 16.859 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

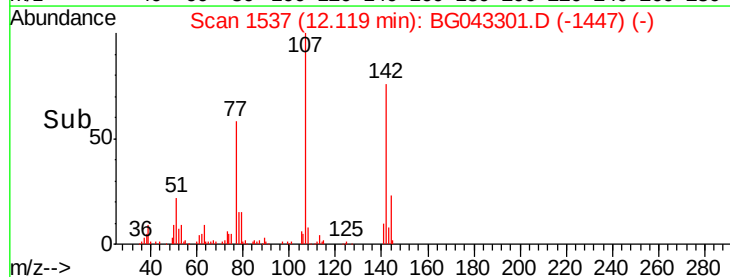
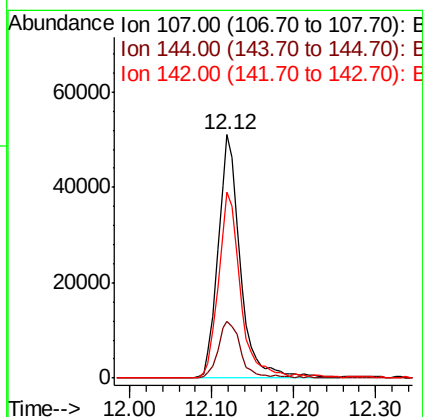
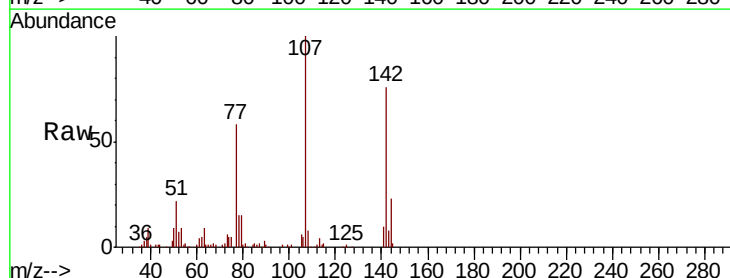
Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

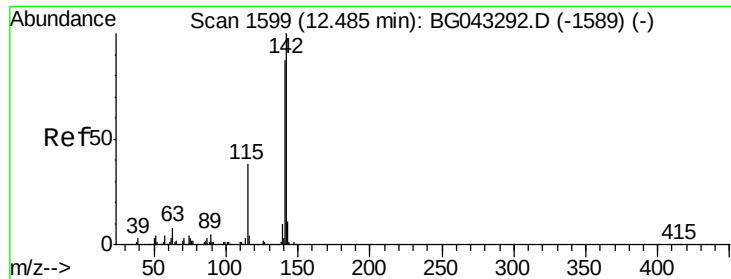
Tot Ion:113 Resp: 11352
 Ion Ratio Lower Upper
 113 100
 55 132.3 158.9 198.9#
 56 102.1 121.4 161.4#



#36
 4-Chloro-3-methylphenol
 Concen: 45.358 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion:107 Resp: 96728
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.9 29.9
 142 76.3 62.1 93.1

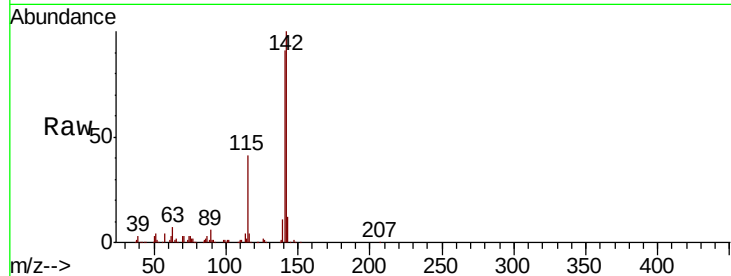




#37
2-Methylnaphthalene
Concen: 43.138 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	69.7	104.5
115	40.8	30.6	46.0

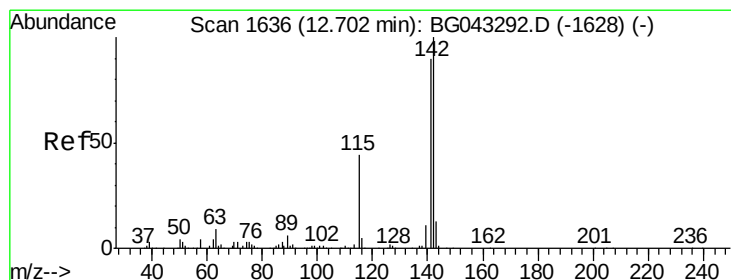
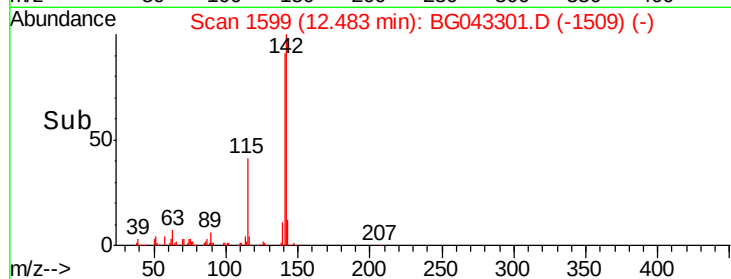
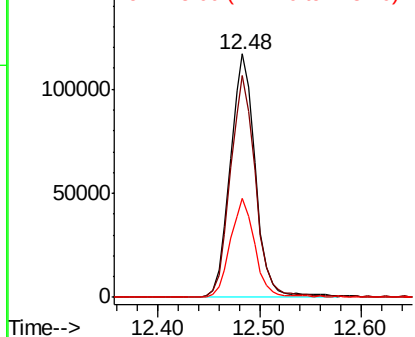


Abundance

Ion 142.00 (141.70 to 142.70): E

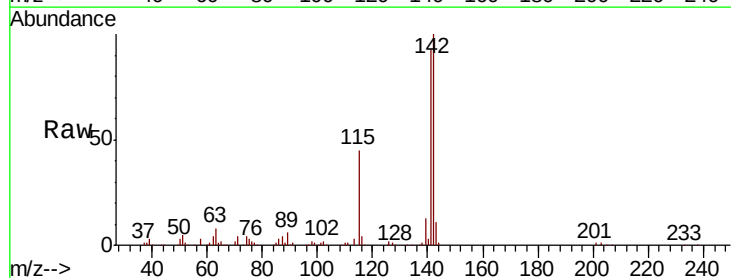
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.392 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.3	108.5
116	4.3	3.8	5.6

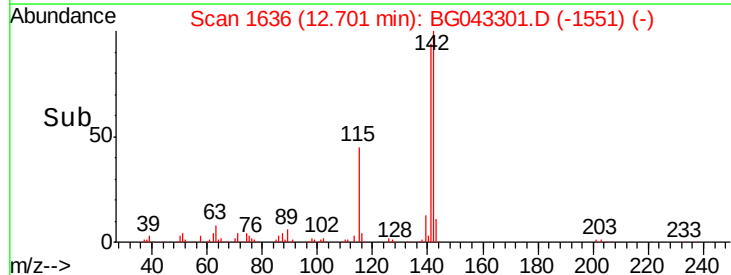
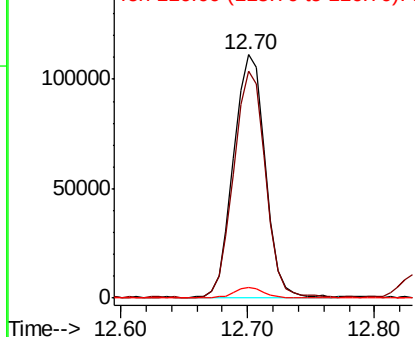


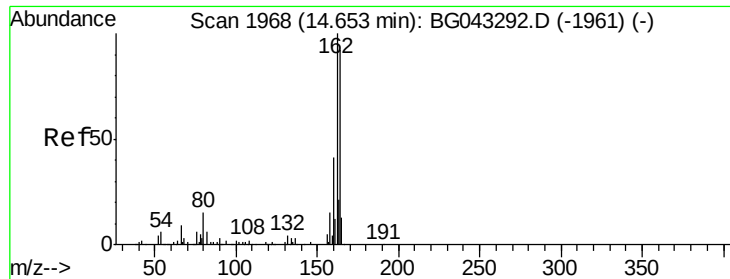
Abundance

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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

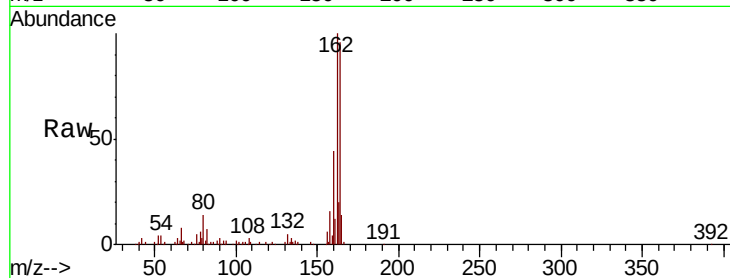
Tot Ion:164 Resp: 87993

Ion Ratio Lower Upper

164 100

162 104.4 87.0 130.4

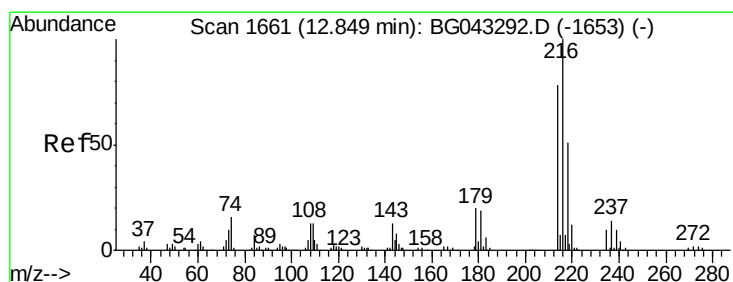
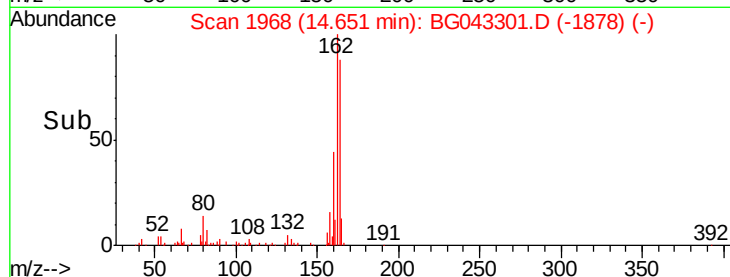
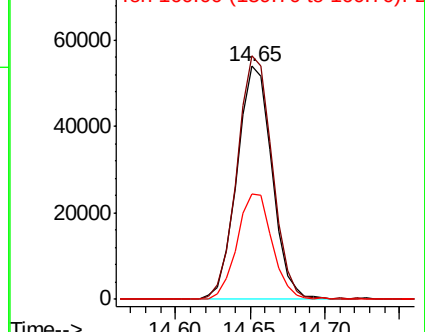
160 45.5 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.766 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Tgt Ion:216 Resp: 129497

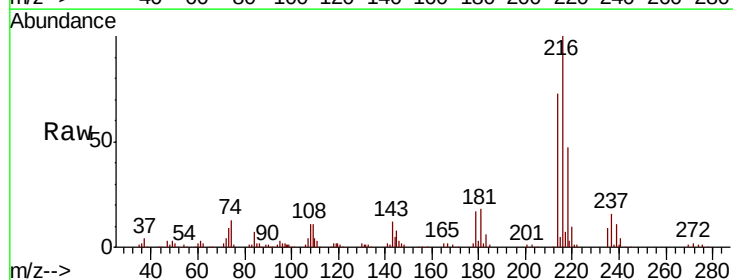
Ion Ratio Lower Upper

216 100

214 78.6 63.5 95.3

179 19.8 16.2 24.2

108 15.8 11.2 16.8

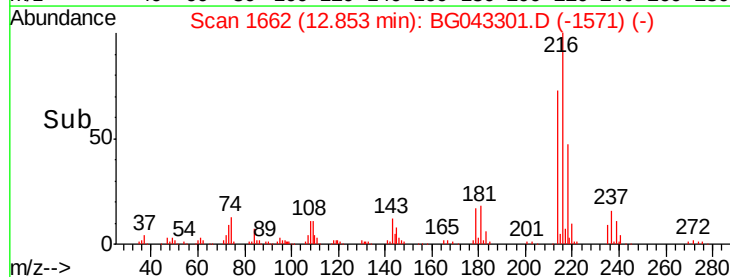
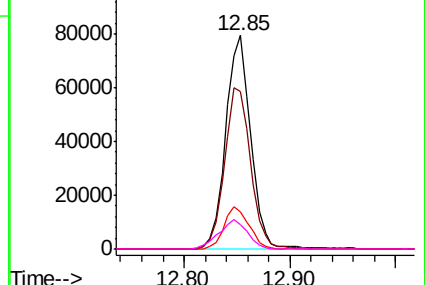


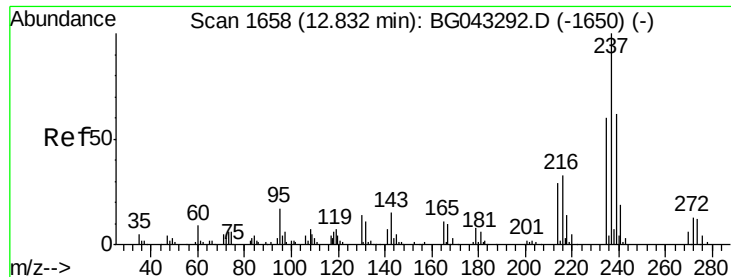
Abundance Ion 216.00 (215.70 to 216.70): E

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: 101.731 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

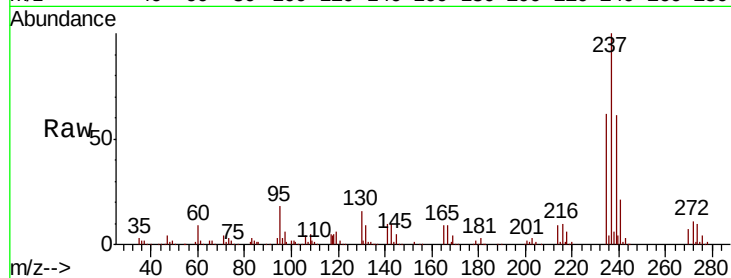
Tot Ion:237 Resp: 174026

Ion Ratio Lower Upper

237 100

235 61.8 40.3 80.3

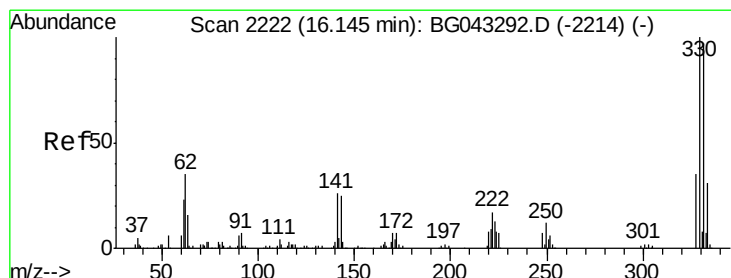
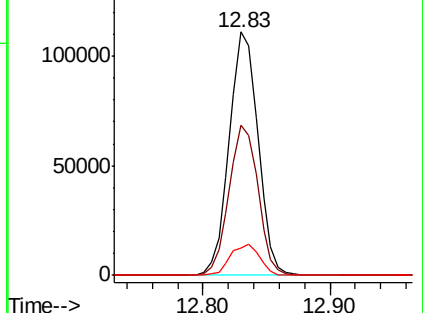
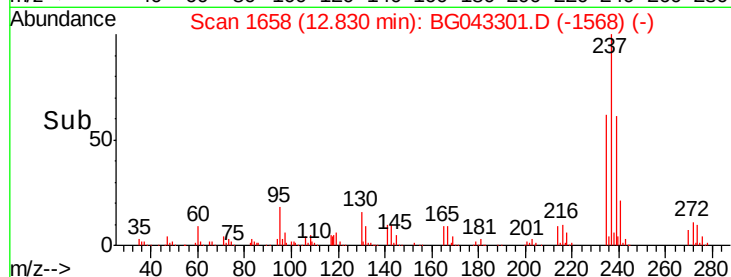
272 11.1 0.0 32.9



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: 114.284 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

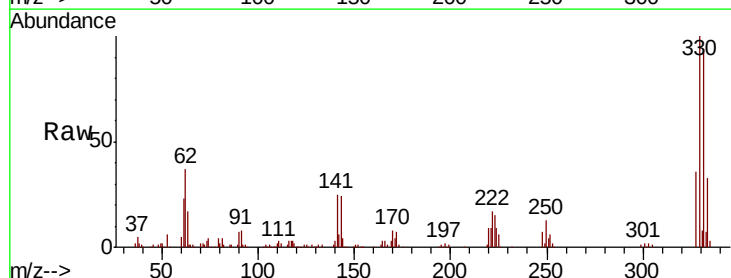
Tgt Ion:330 Resp: 191369

Ion Ratio Lower Upper

330 100

332 95.3 76.4 114.6

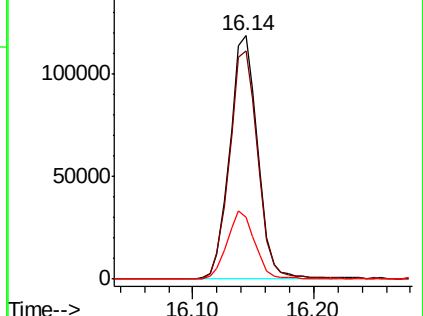
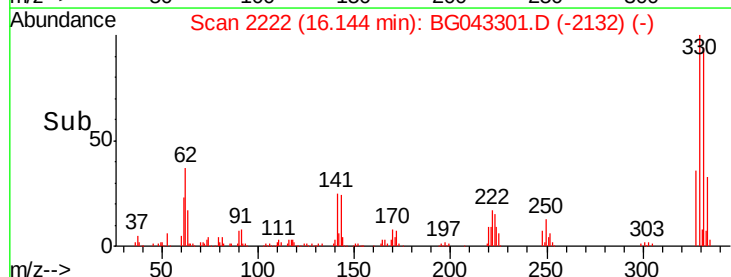
141 27.8 21.4 32.0

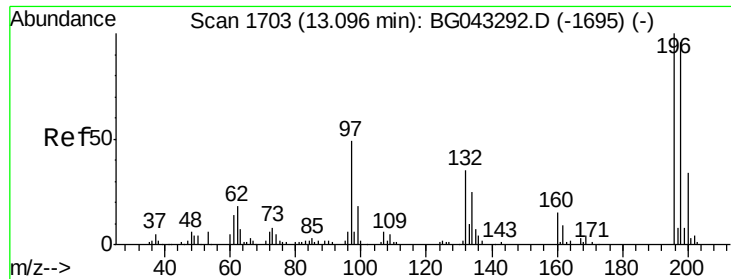


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

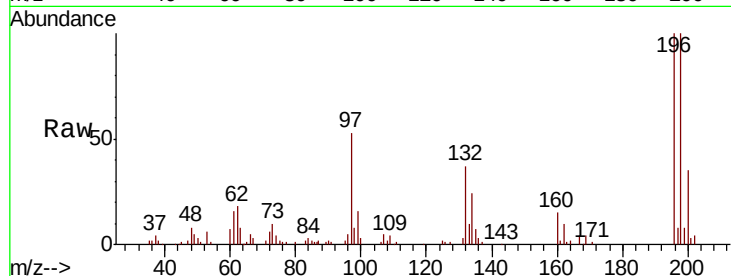




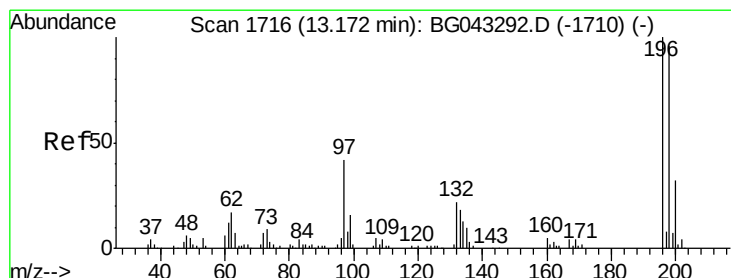
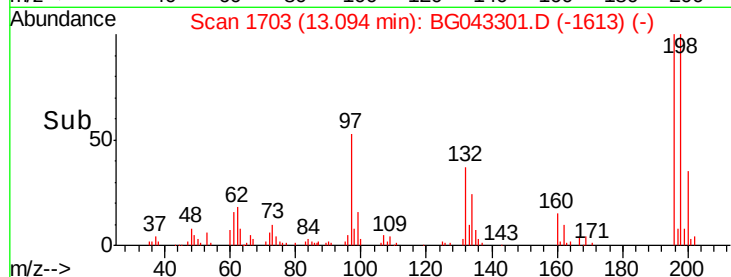
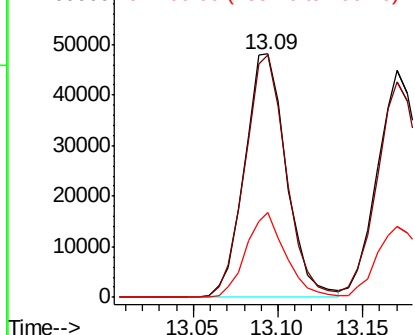
#43
 2,4,6-Trichlorophenol
 Concen: 43.257 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion:196 Resp: 82958
 Ion Ratio Lower Upper
 196 100
 198 99.7 77.0 115.4
 200 34.6 27.4 41.2

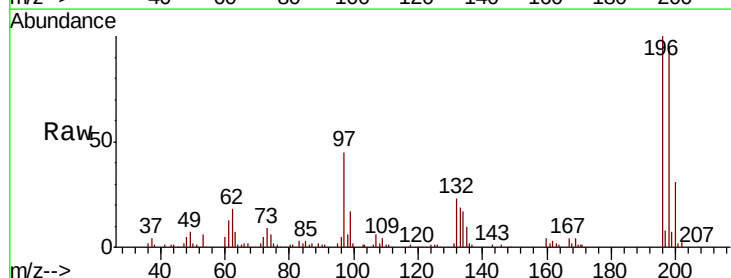


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

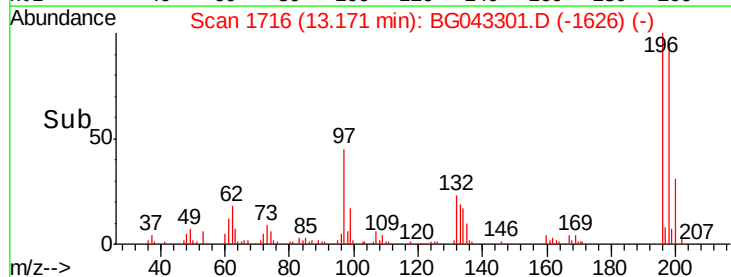
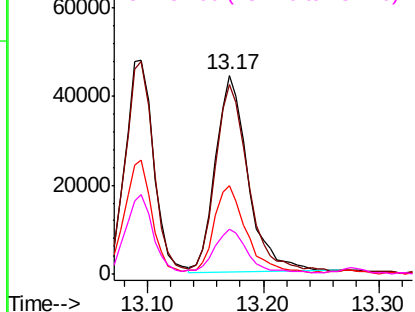


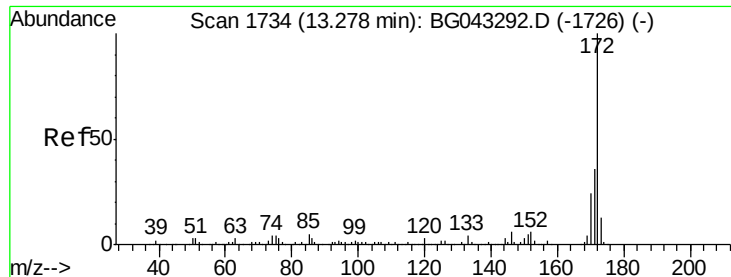
#44
 2,4,5-Trichlorophenol
 Concen: 44.743 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion:196 Resp: 86749
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.6 114.8
 97 44.6 34.1 51.1
 132 22.8 18.2 27.4



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

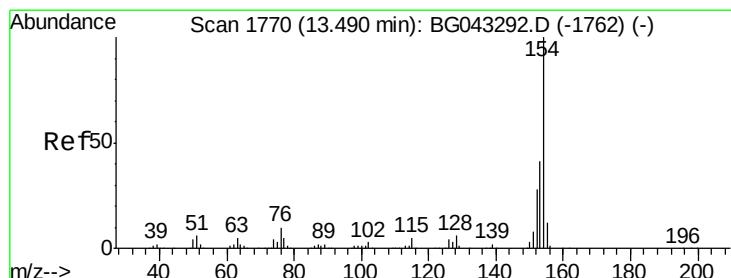
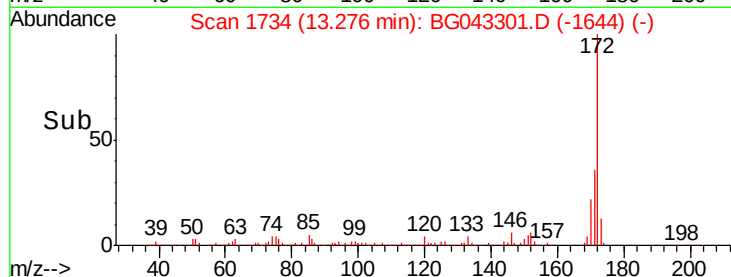
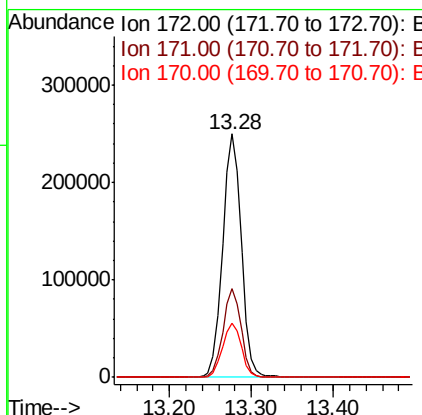
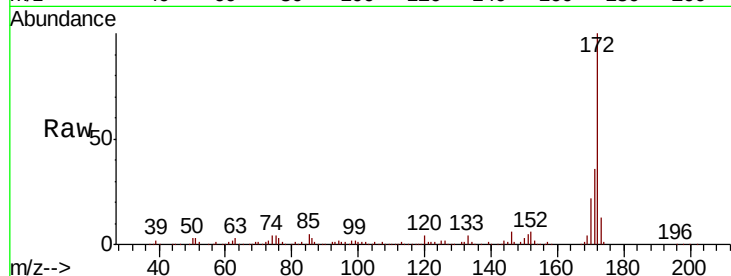




#45
2-Fluorobiphenyl
Concen: 62.478 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

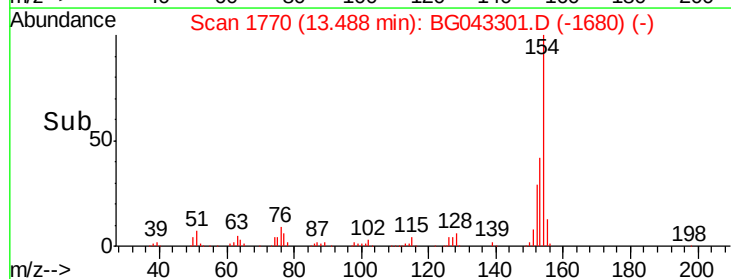
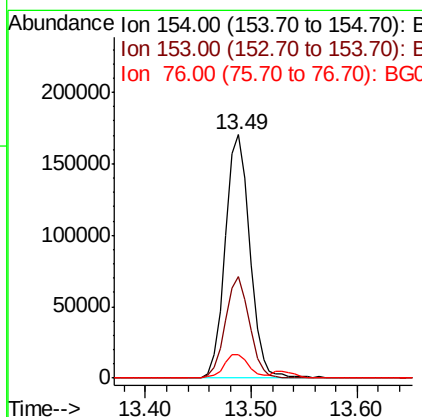
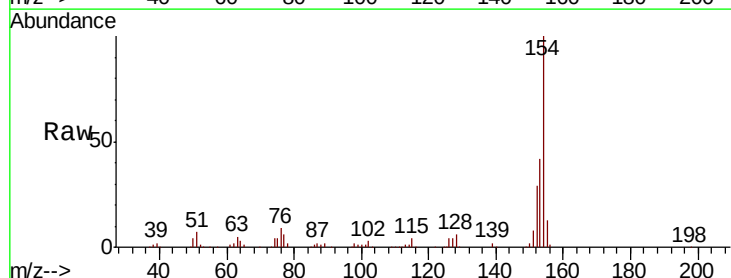
Instrument :
BNA_G
ClientSampleId :
PB123945BSD

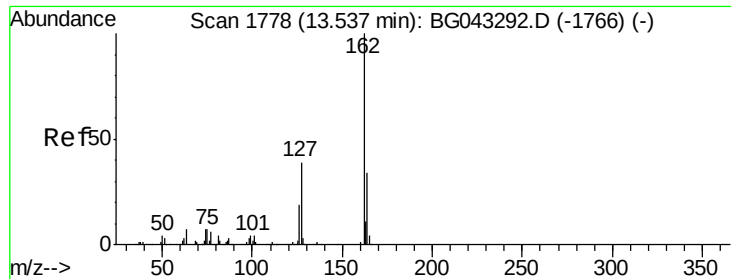
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	22.4	18.8	28.2



#46
1,1'-Biphenyl
Concen: 40.906 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.0	61.0
76	9.5	0.0	29.8

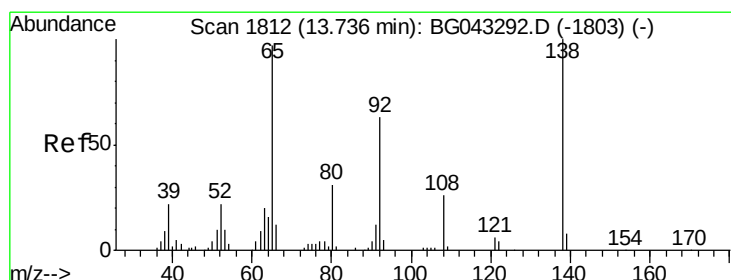
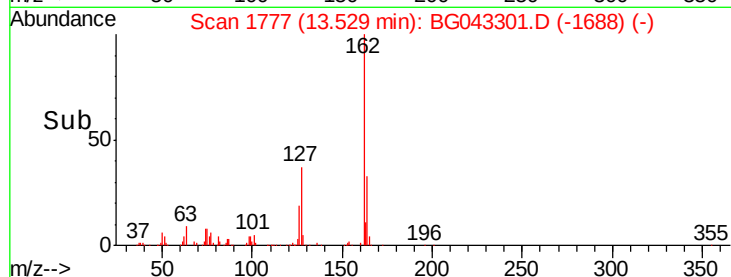
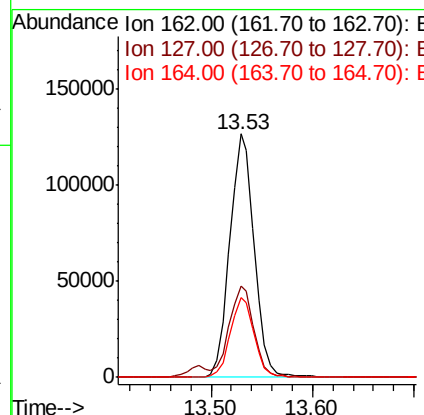
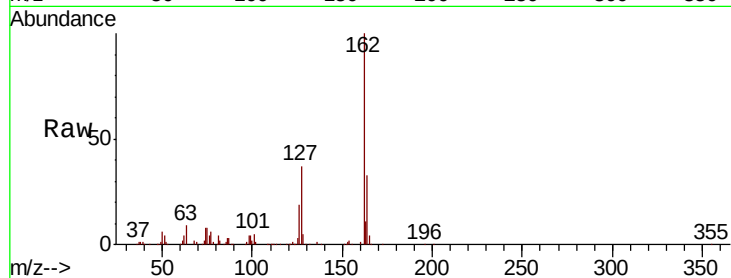




#47
 2-Chloronaphthalene
 Concen: 41.540 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

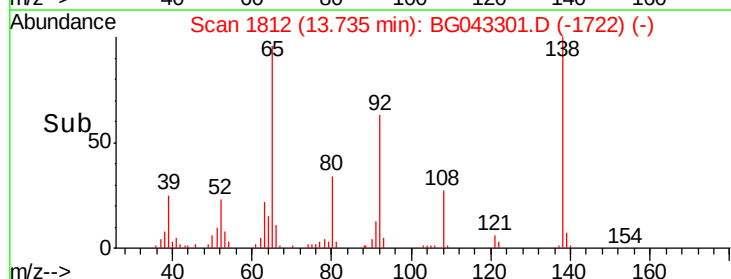
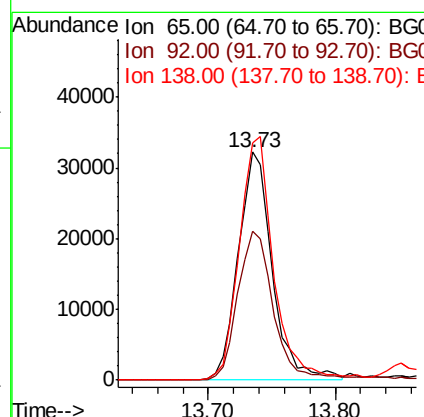
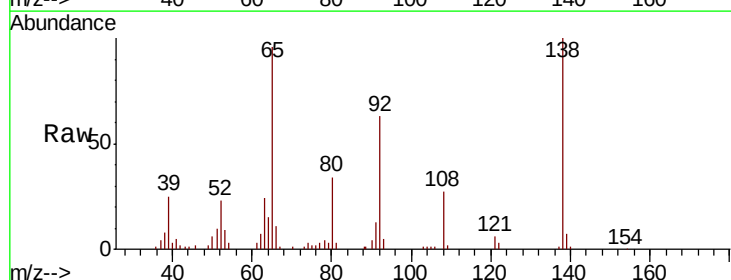
Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

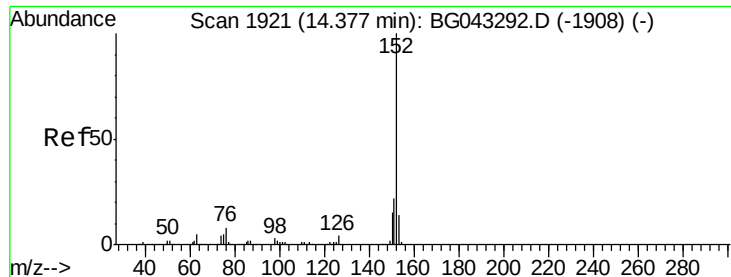
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.3	46.9
164	32.8	26.8	40.2



#48
 2-Nitroaniline
 Concen: 39.312 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	52.6	79.0
138	104.0	82.9	124.3





#49

Acenaphthylene

Concen: 43.503 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

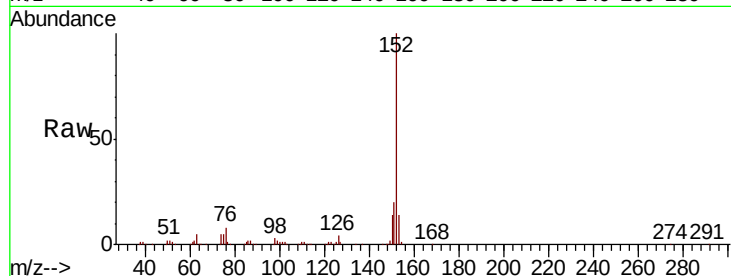
Tot Ion:152 Resp: 344848

Ion Ratio Lower Upper

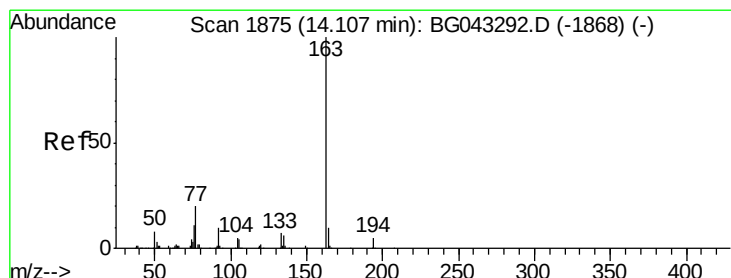
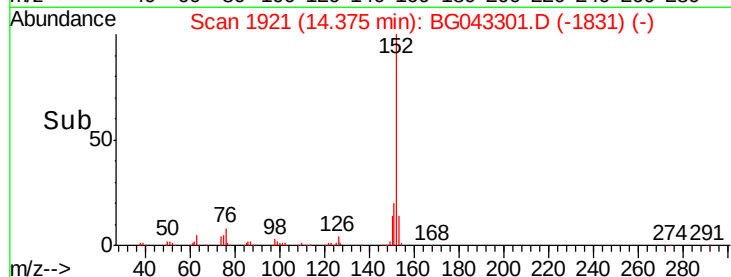
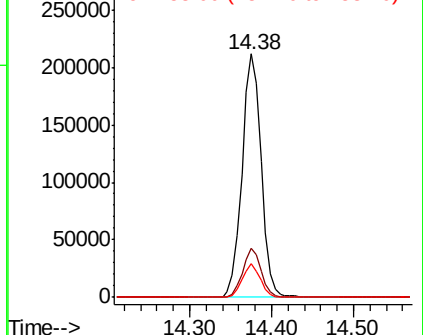
152 100

151 20.4 17.2 25.8

153 14.1 11.0 16.6



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



#50

Dimethylphthalate

Concen: 42.637 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

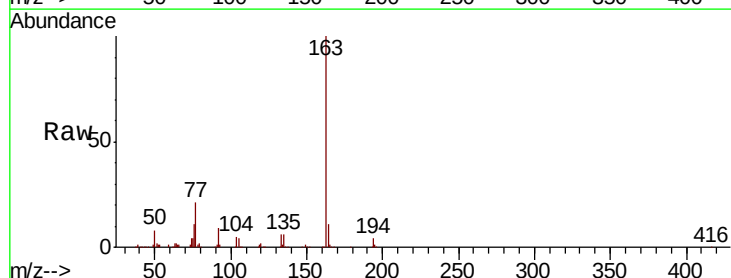
Tgt Ion:163 Resp: 290599

Ion Ratio Lower Upper

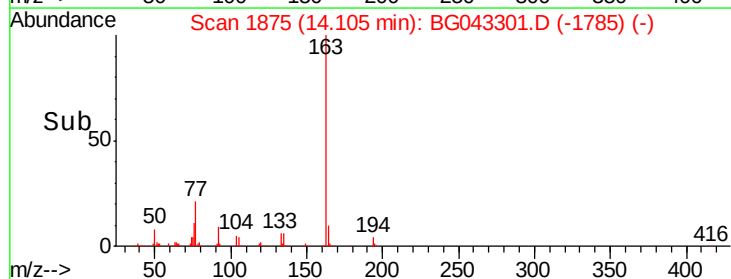
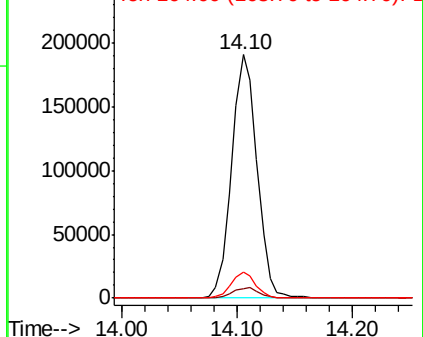
163 100

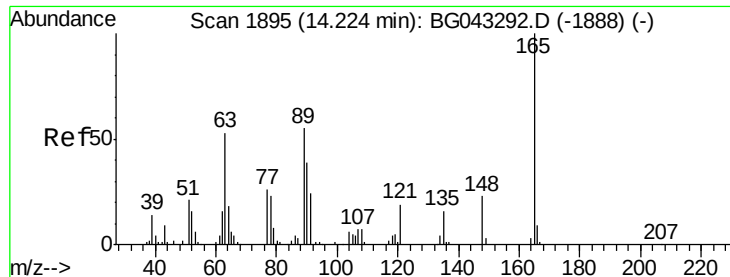
194 3.8 3.7 5.5

164 10.5 8.1 12.1



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

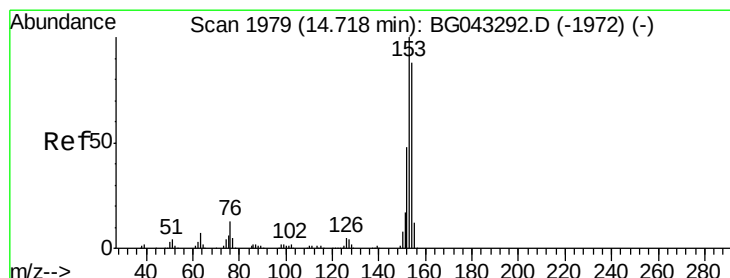
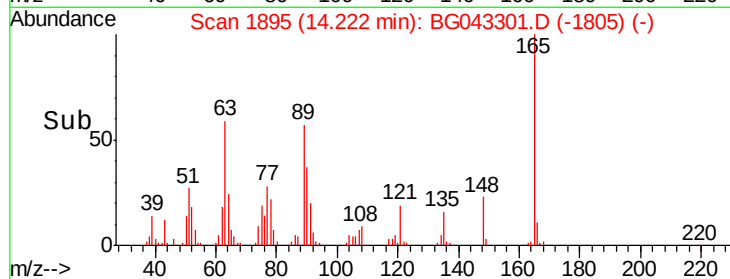
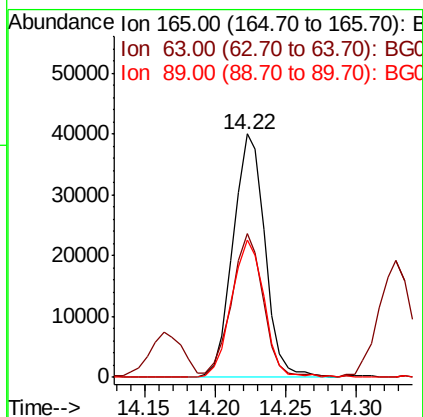
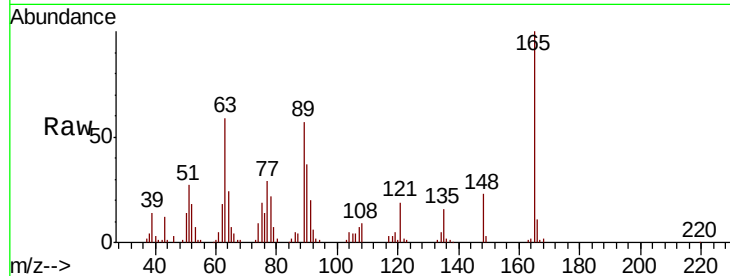




#51
 2,6-Dinitrotoluene
 Concen: 42.629 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

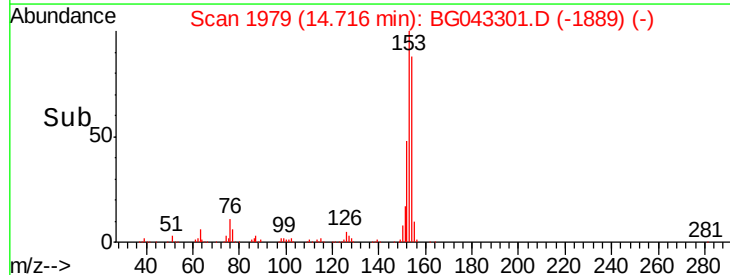
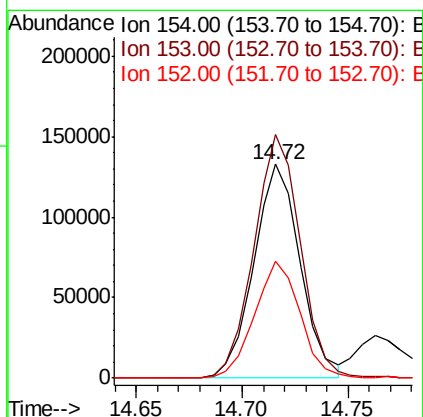
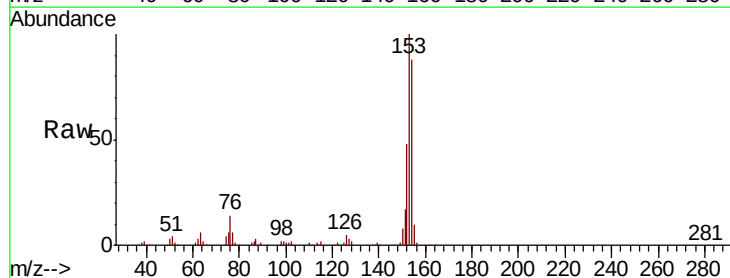
Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

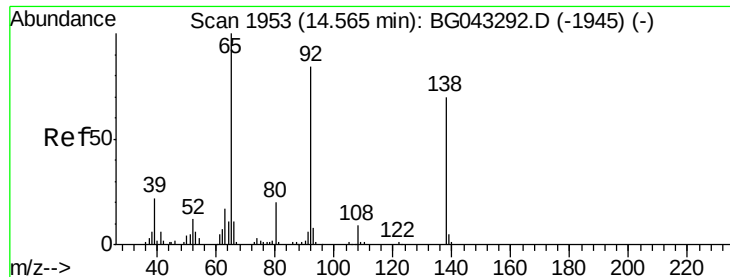
Tot Ion:165 Resp: 63121
 Ion Ratio Lower Upper
 165 100
 63 59.0 47.1 70.7
 89 56.5 43.7 65.5



#52
 Acenaphthene
 Concen: 41.988 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion:154 Resp: 202974
 Ion Ratio Lower Upper
 154 100
 153 113.9 90.9 136.3
 152 54.6 43.9 65.9





#53

3-Nitroaniline

Concen: 29.444 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

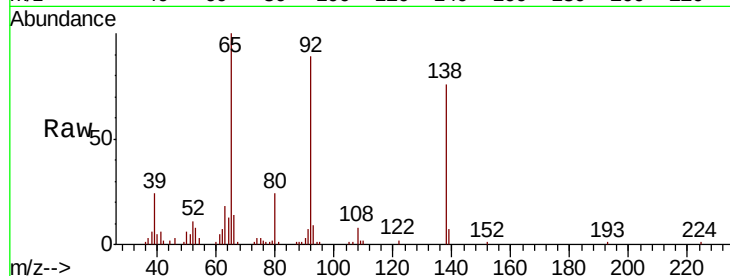
Tot Ion:138 Resp: 42093

Ion Ratio Lower Upper

138 100

108 10.2 9.8 14.6

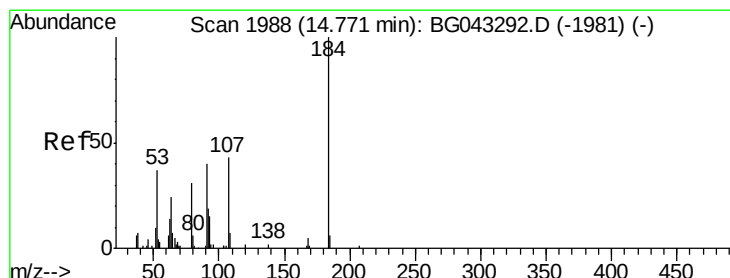
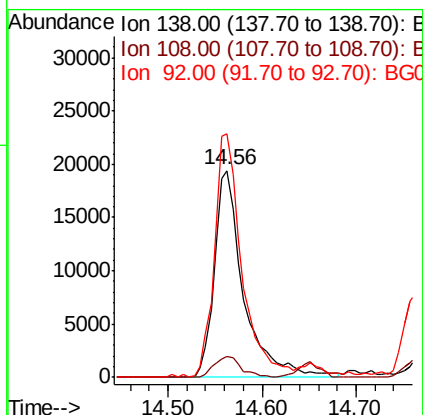
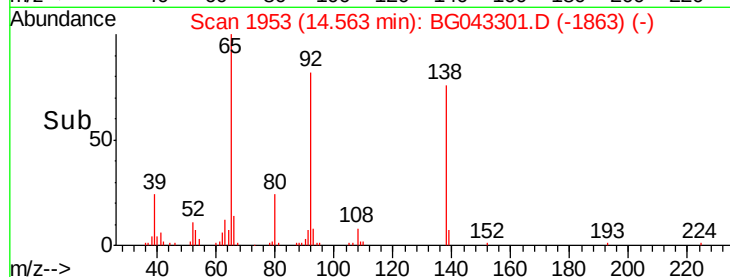
92 117.6 95.8 143.6



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: 77.049 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

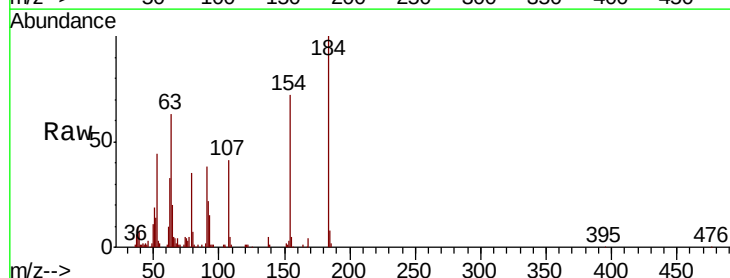
Tgt Ion:184 Resp: 70968

Ion Ratio Lower Upper

184 100

63 62.8 48.8 73.2

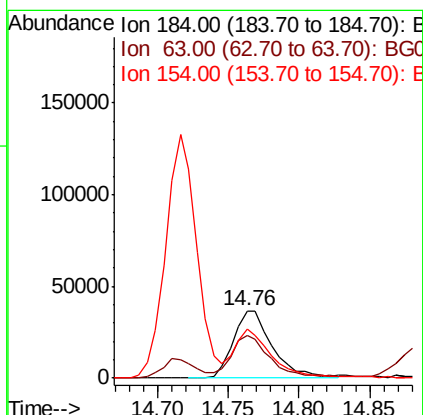
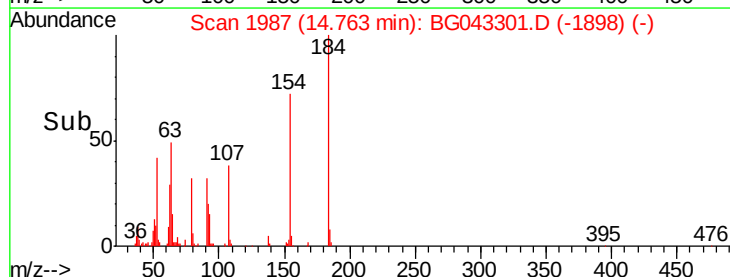
154 72.4 49.4 74.0

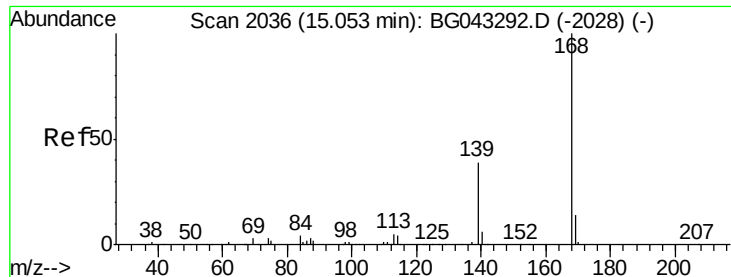


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

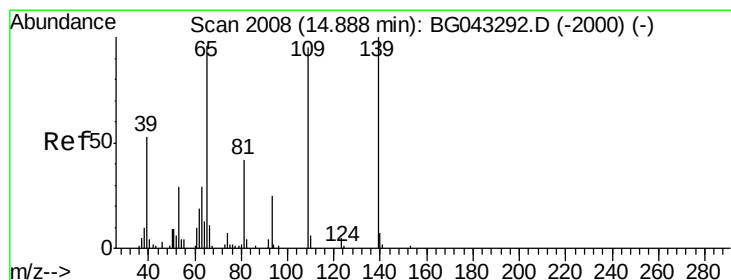
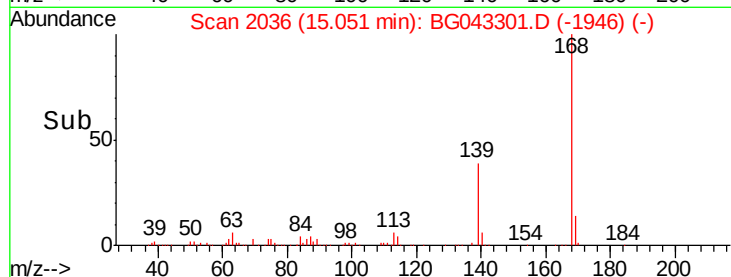
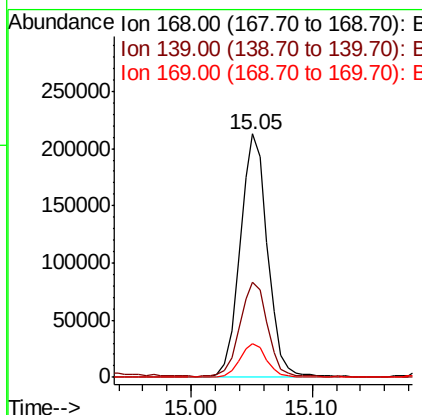
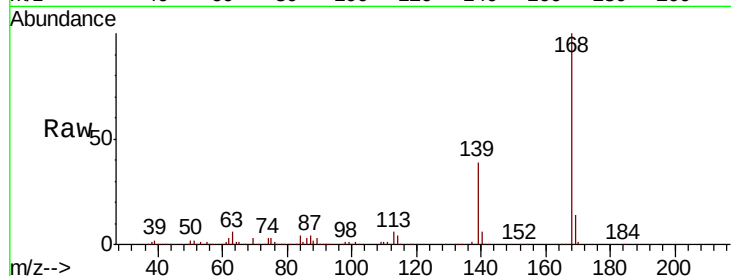




#55
Dibenzenofuran
Concen: 42.893 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

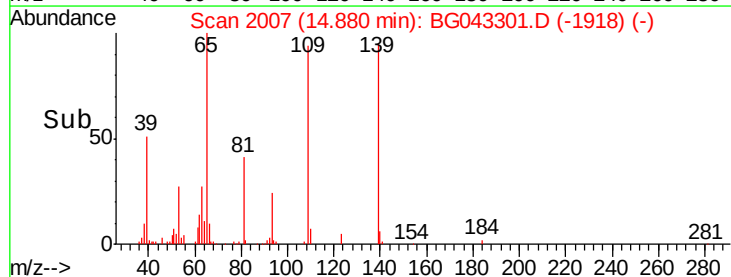
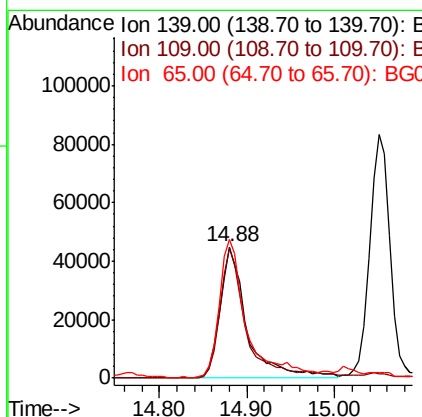
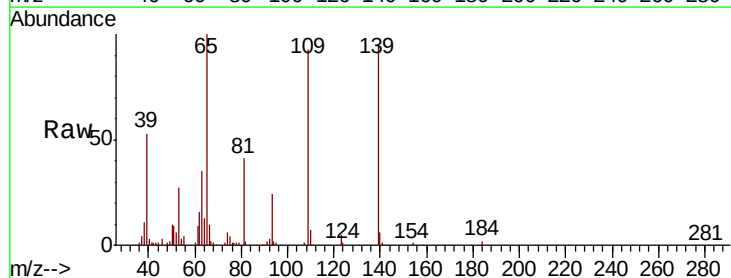
Instrument :
BNA_G
ClientSampleId :
PB123945BSD

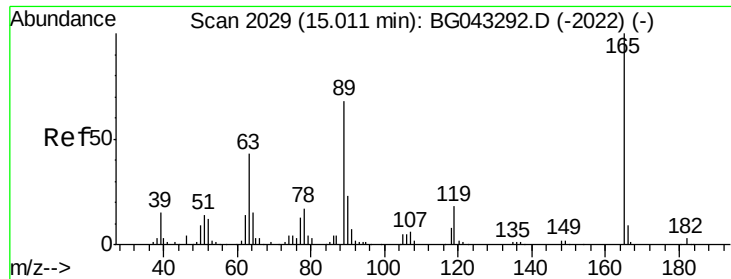
Tot Ion:168 Resp: 336249
Ion Ratio Lower Upper
168 100
139 39.1 31.7 47.5
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 100.434 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion:139 Resp: 96216
Ion Ratio Lower Upper
139 100
109 98.5 75.4 115.4
65 105.7 76.6 116.6

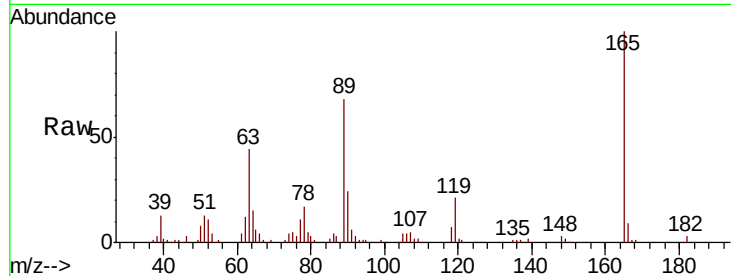




#57
 2,4-Dinitrotoluene
 Concen: 42.856 ng
 RT: 15.02 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	35.0	52.6
89	67.6	54.1	81.1
182	2.9	2.2	3.2



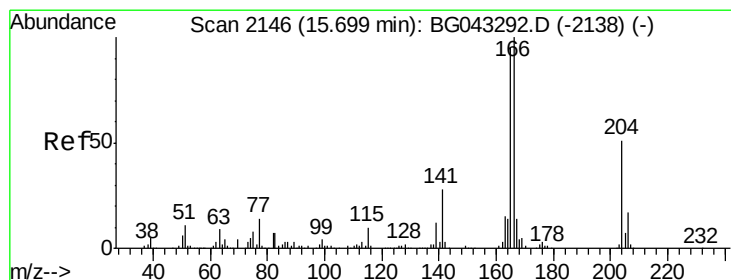
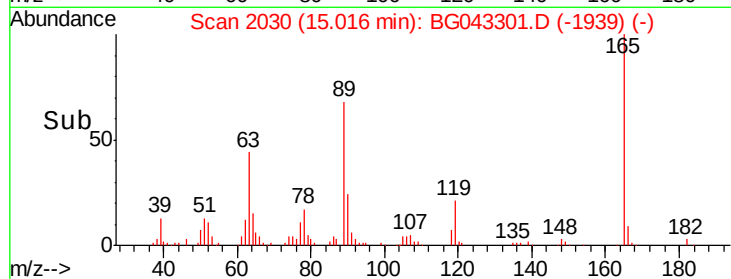
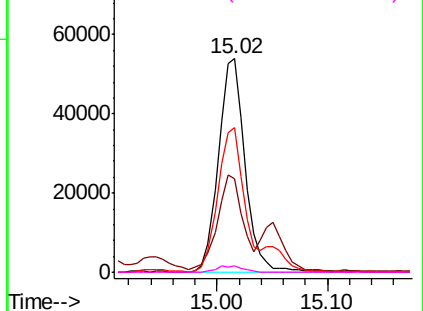
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

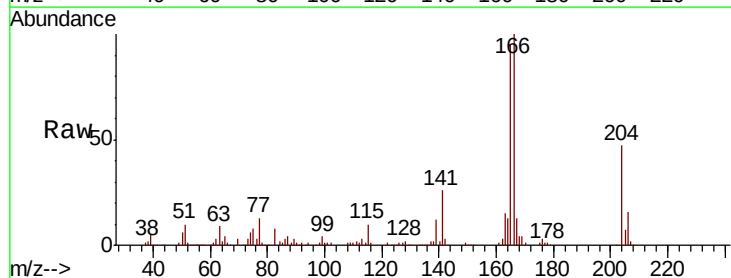
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.958 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	76.4	114.6
167	13.2	11.1	16.7

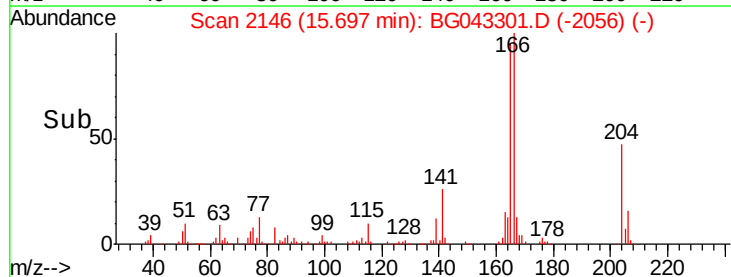
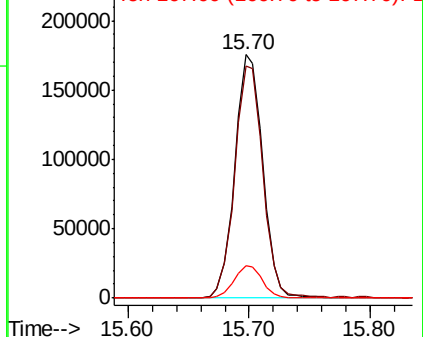


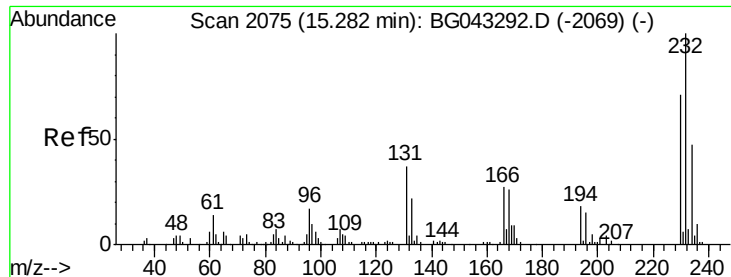
Abundance

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

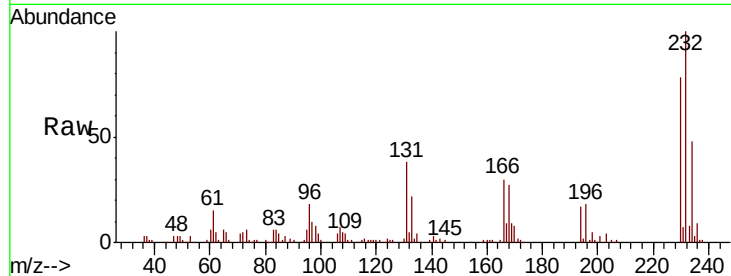




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.603 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.4	28.7	43.1
130	1.7	0.6	0.8
166	26.9	21.1	31.7



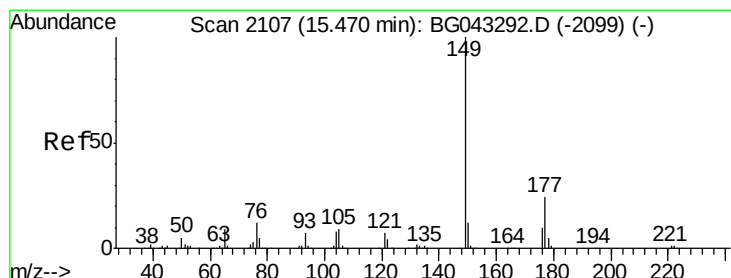
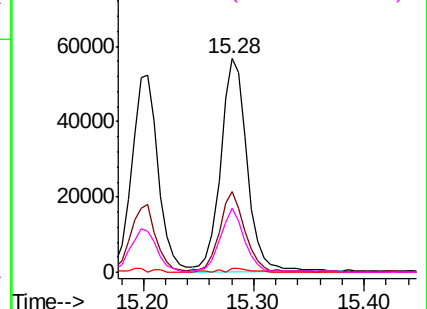
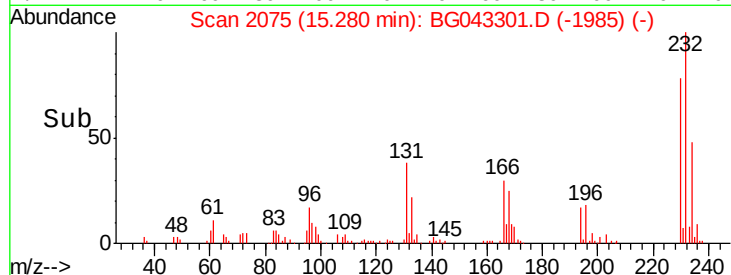
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

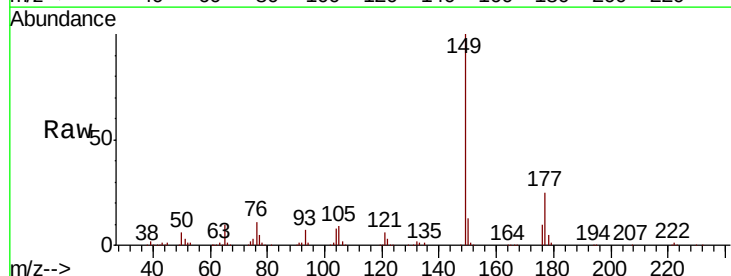
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.265 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.0	28.4
150	12.7	9.4	14.0

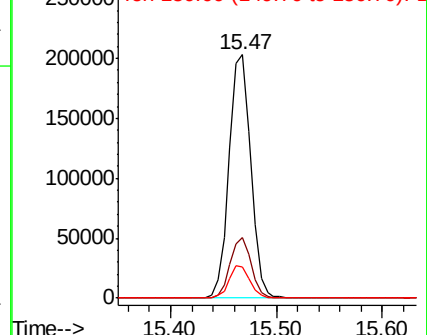
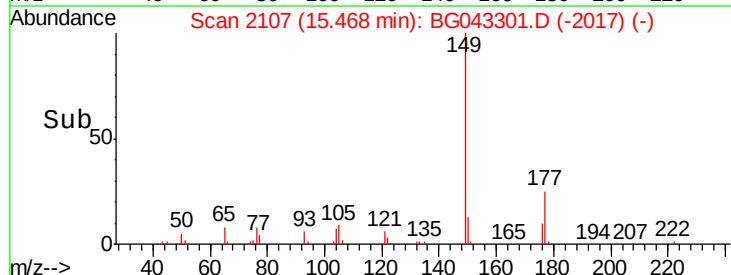


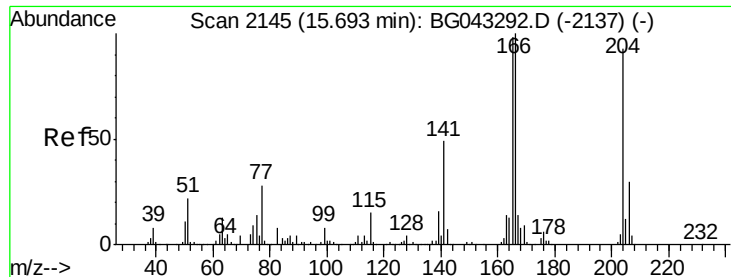
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

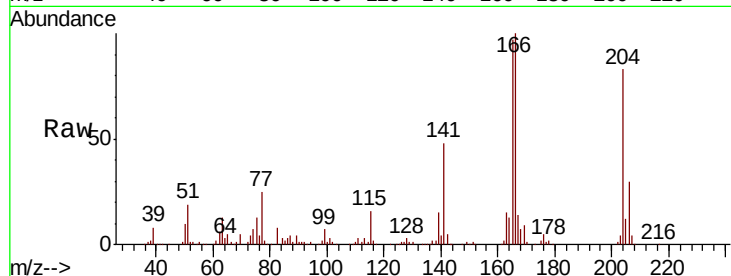




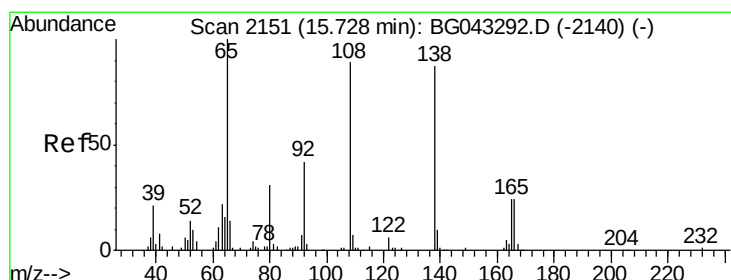
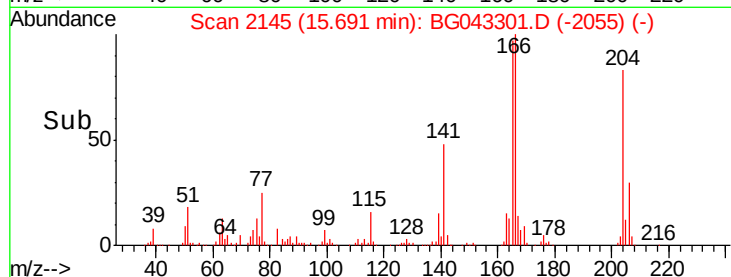
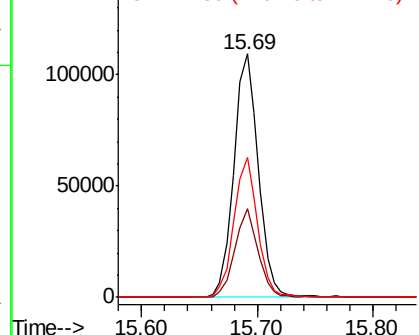
#61
4-Chlorophenyl-phenylether
Concen: 41.828 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Instrument :
BNA_G
ClientSampleId :
PB123945BSD

Tot Ion:204 Resp: 160438
Ion Ratio Lower Upper
204 100
206 36.2 25.7 38.5
141 57.4 42.3 63.5

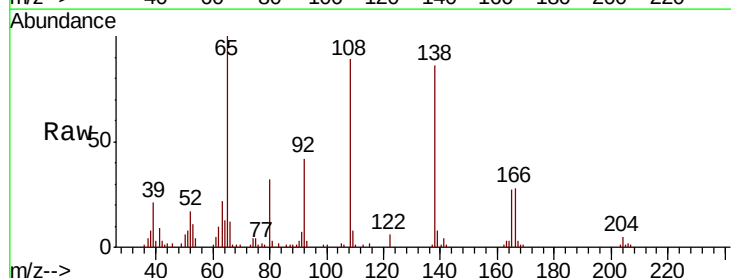


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

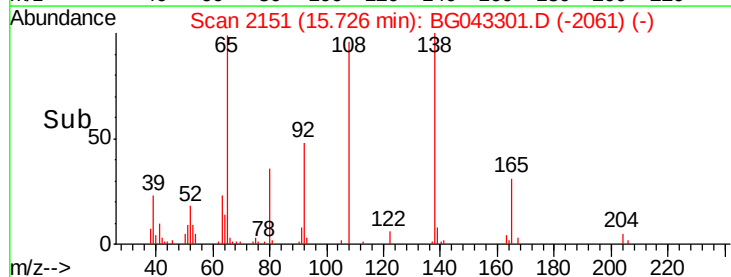
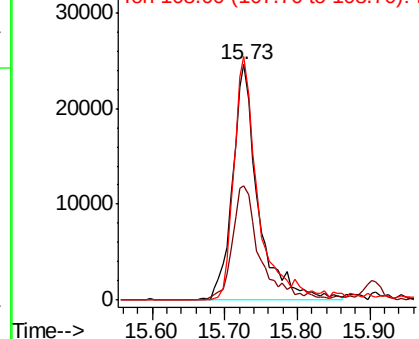


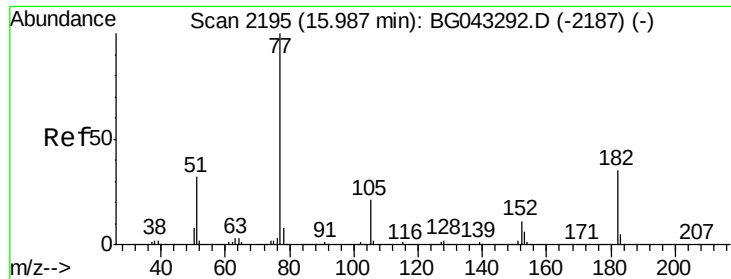
#62
4-Nitroaniline
Concen: 40.871 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion:138 Resp: 60341
Ion Ratio Lower Upper
138 100
92 48.4 28.8 68.8
108 103.5 82.7 122.7



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: 43.832 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

Tot Ion: 77 Resp: 242935

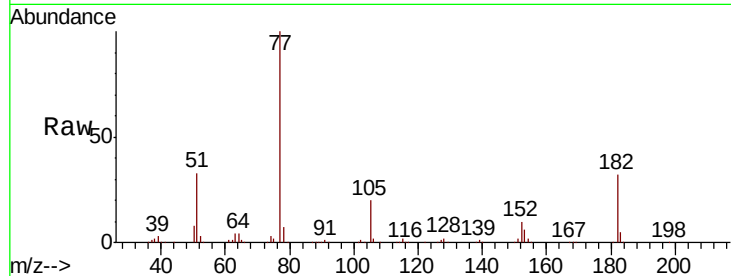
Ion Ratio Lower Upper

77 100

182 31.9 14.9 54.9

105 19.9 0.6 40.6

51 32.9 12.5 52.5

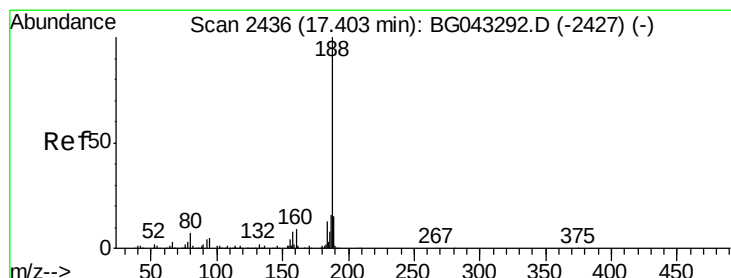
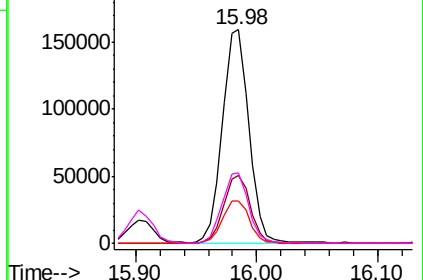
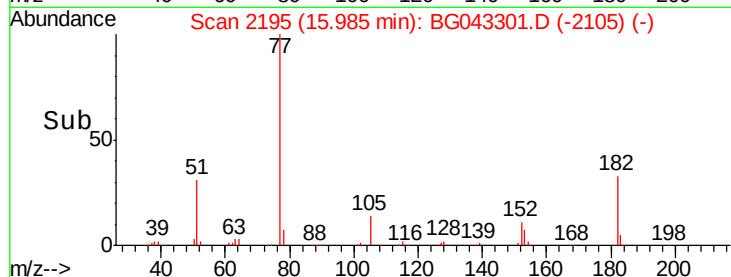


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

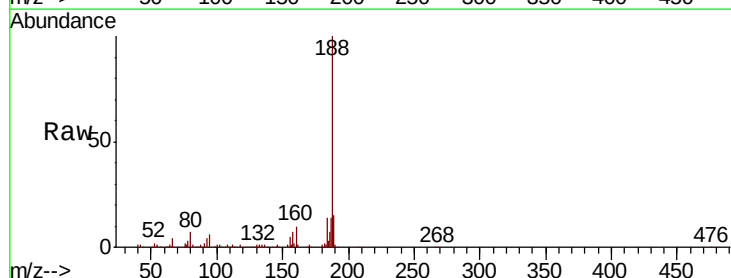
Tgt Ion: 188 Resp: 209091

Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.2#

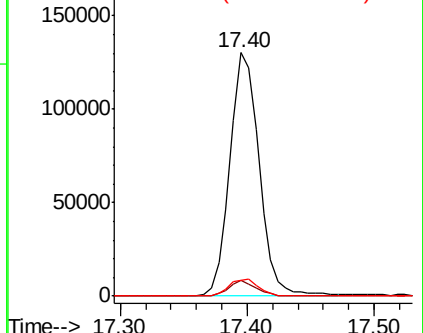
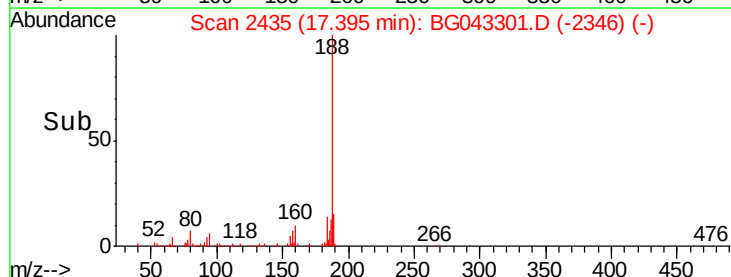
80 6.6 5.2 7.8

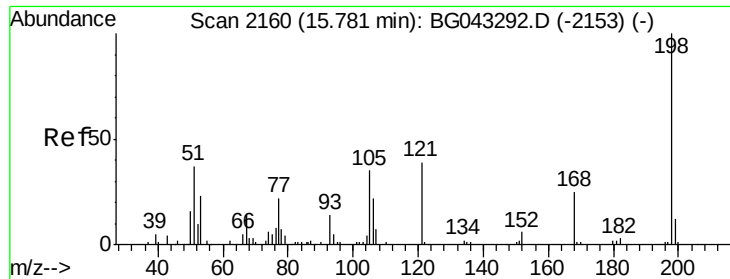


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

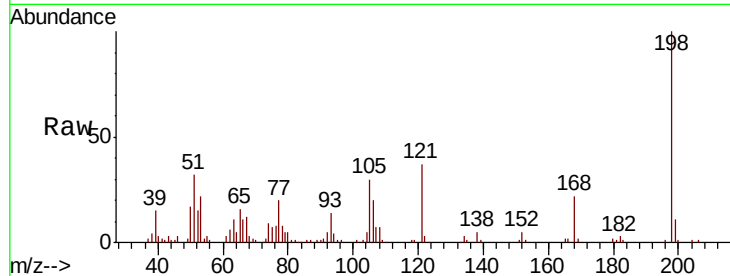




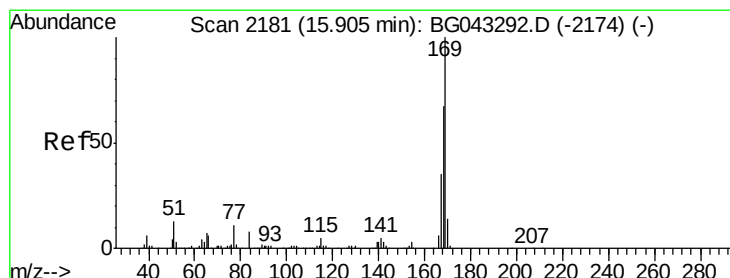
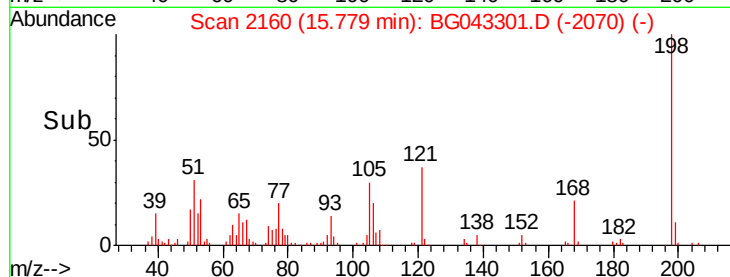
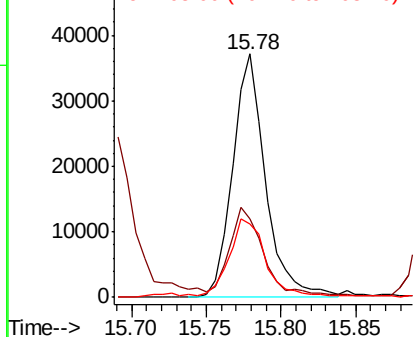
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.414 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123945BSD

Tot Ion:198 Resp: 57113
 Ion Ratio Lower Upper
 198 100
 51 32.0 21.4 61.4
 105 30.3 16.5 56.5

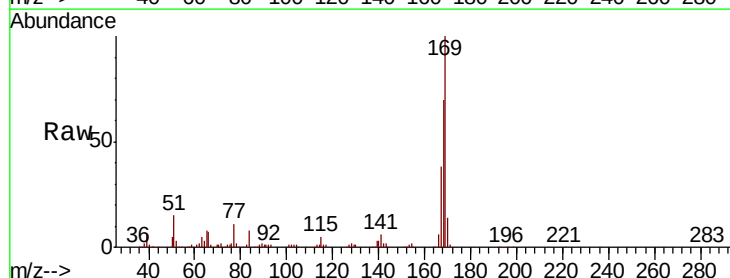


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

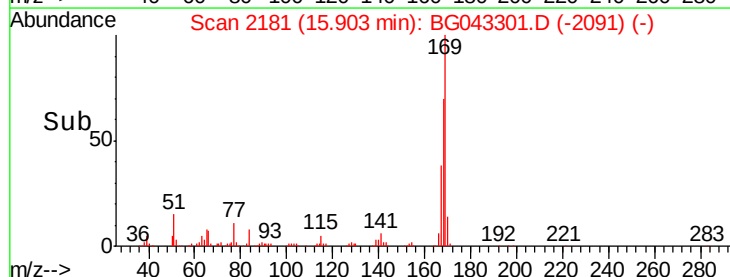
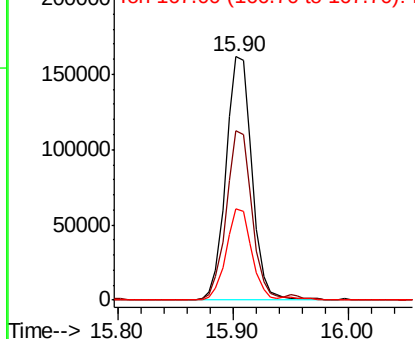


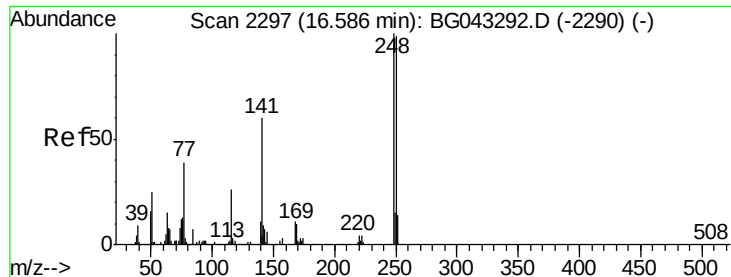
#66
 n-Nitrosodiphenylamine
 Concen: 42.803 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043301.D
 Acq: 22 Oct 2019 11:10

Tgt Ion:169 Resp: 252673
 Ion Ratio Lower Upper
 169 100
 168 69.8 53.9 80.9
 167 37.7 28.3 42.5



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.082 ng

RT: 16.58 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

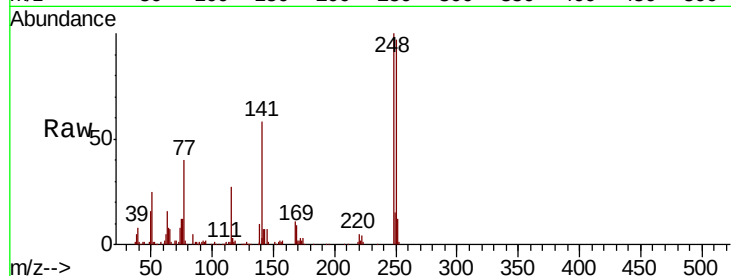
Tot Ion:248 Resp: 115600

Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.3	118.9
141	57.9	47.9	71.9

248 100

250 96.8 79.3 118.9

141 57.9 47.9 71.9

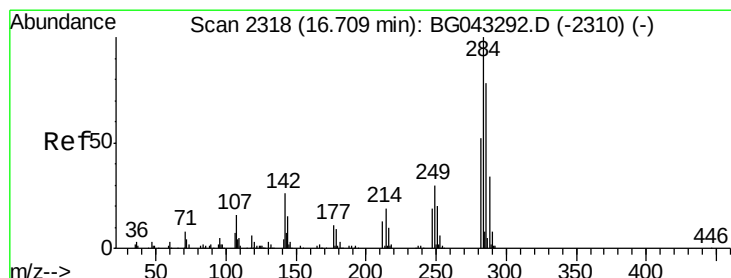
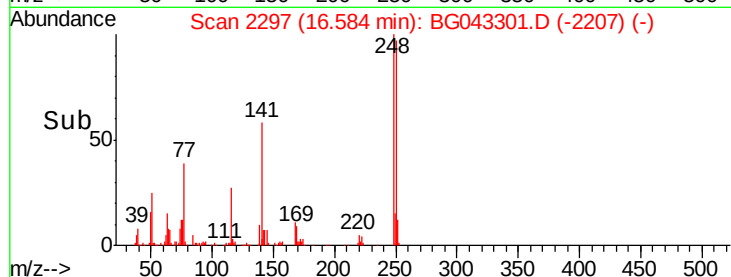
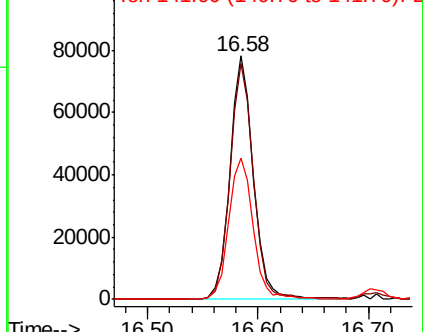


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.829 ng

RT: 16.71 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

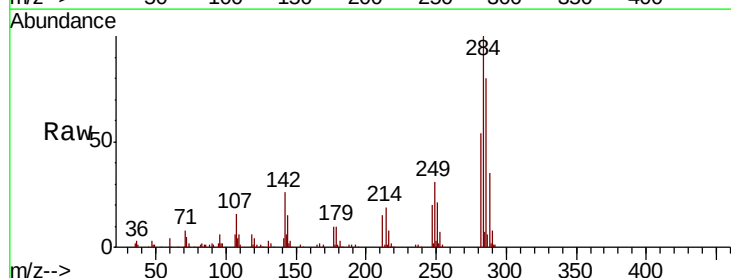
Tgt Ion:284 Resp: 128646

Ion	Ratio	Lower	Upper
284	100		
142	26.2	21.1	31.7
249	31.3	24.4	36.6

284 100

142 26.2 21.1 31.7

249 31.3 24.4 36.6

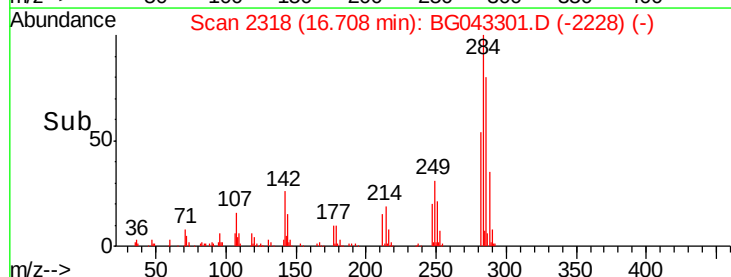
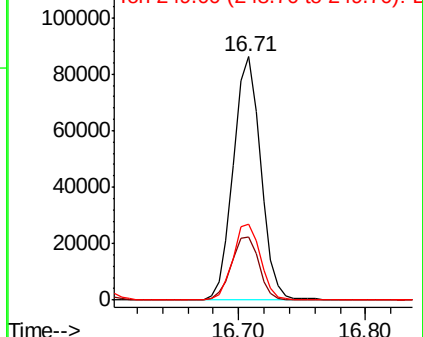


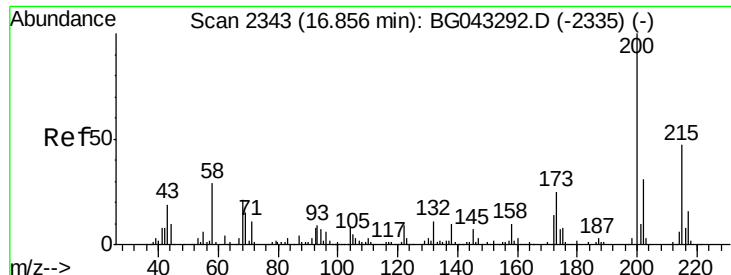
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 56.138 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

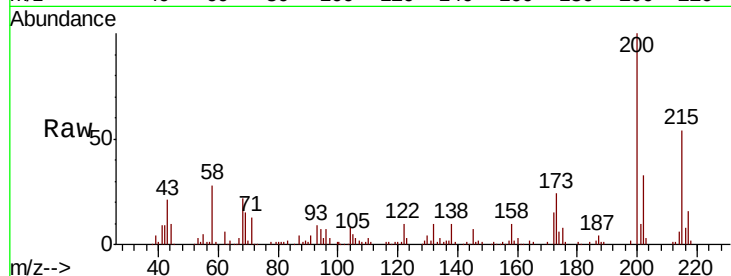
Tot Ion:200 Resp: 115152

Ion Ratio Lower Upper

200 100

173 23.8 5.1 45.1

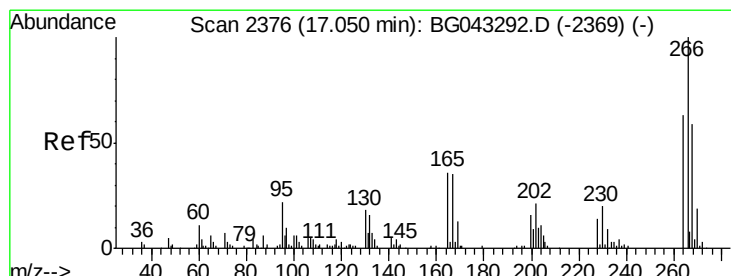
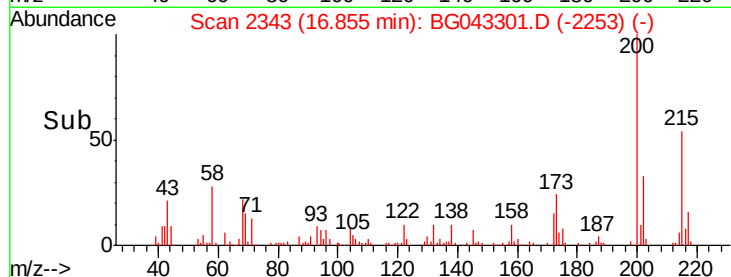
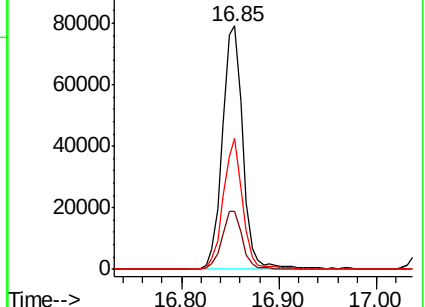
215 53.9 26.6 66.6



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: 96.839 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

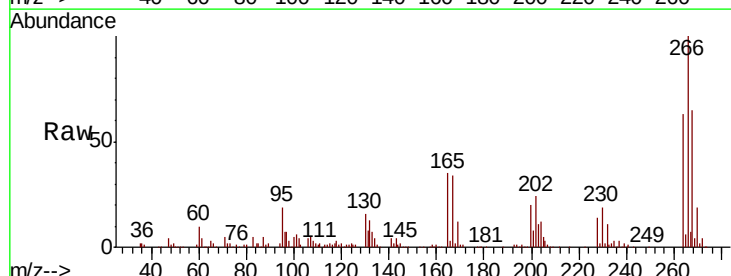
Tgt Ion:266 Resp: 142527

Ion Ratio Lower Upper

266 100

268 64.9 47.1 70.7

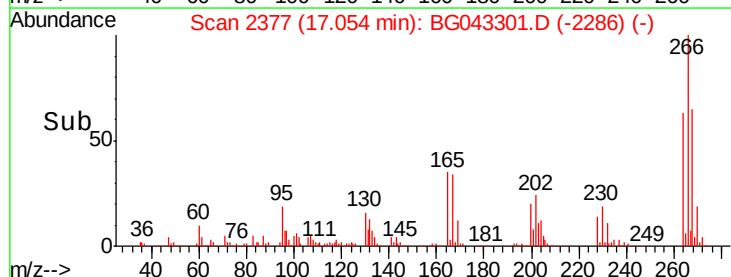
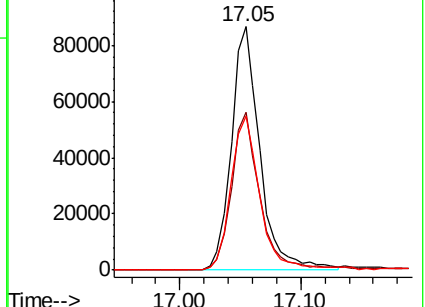
264 63.4 50.4 75.6

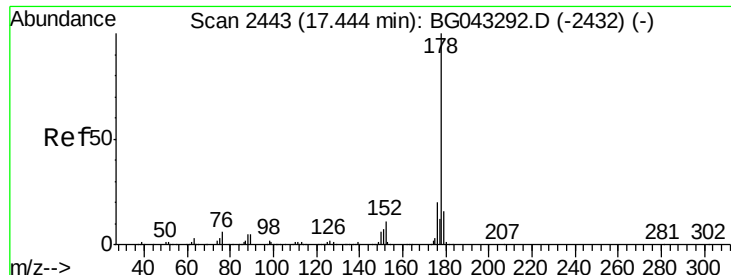


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

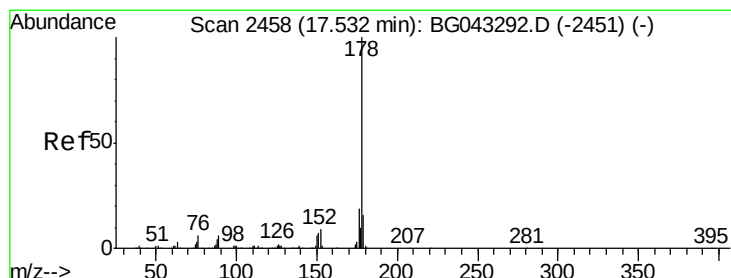
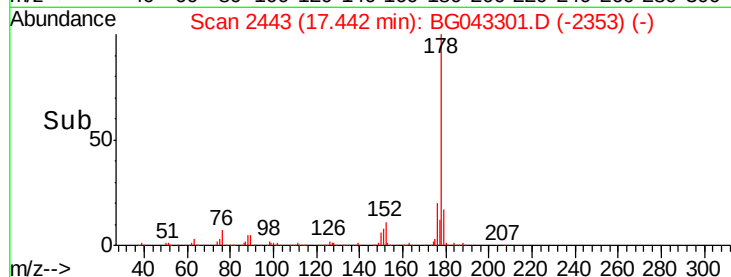
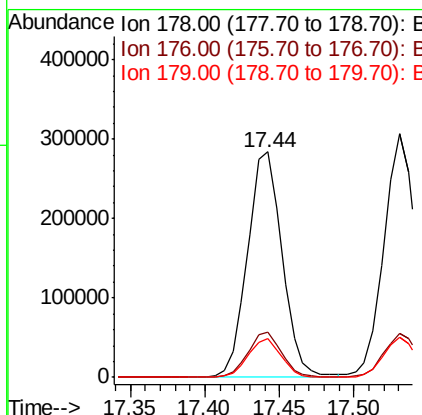
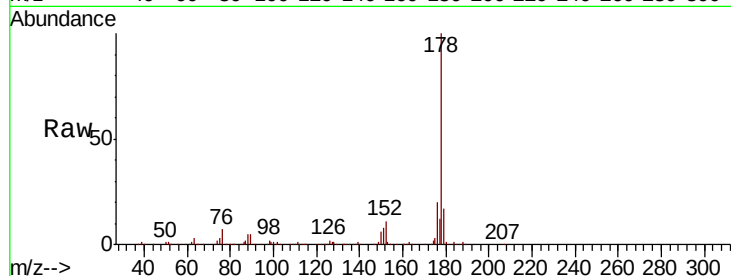




#71
Phenanthrene
Concen: 42.564 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

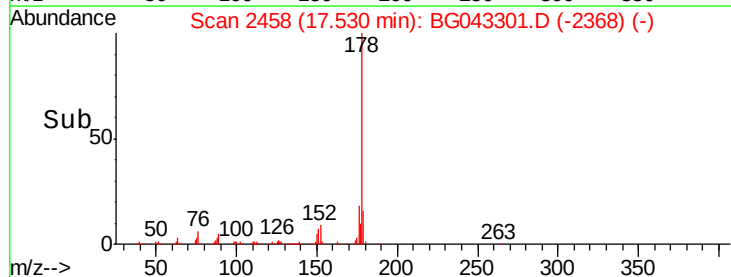
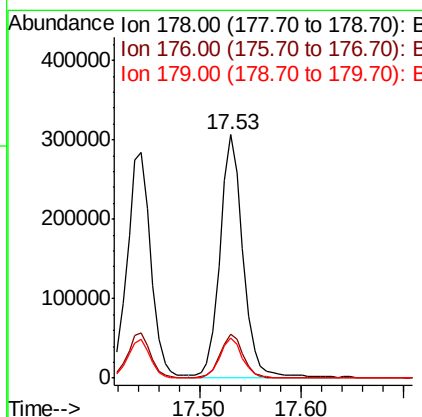
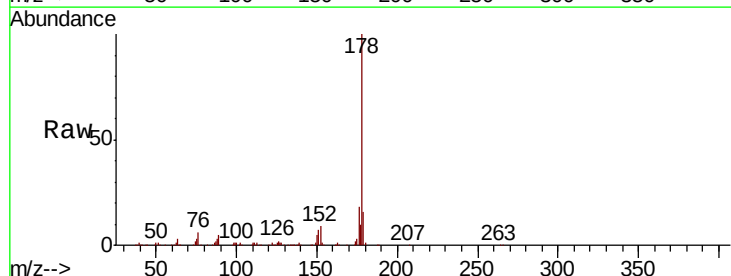
Instrument :
BNA_G
ClientSampleId :
PB123945BSD

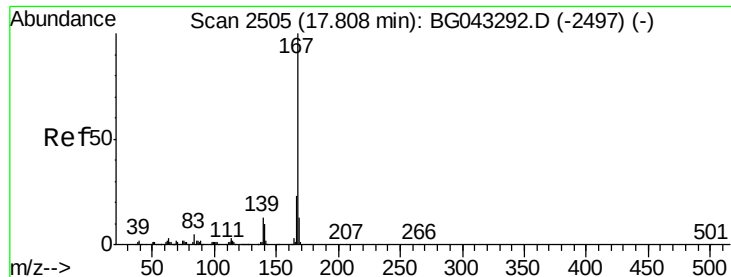
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	17.3	13.1	19.7



#72
Anthracene
Concen: 44.588 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	16.4	13.0	19.6





#73

Carbazole

Concen: 45.156 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

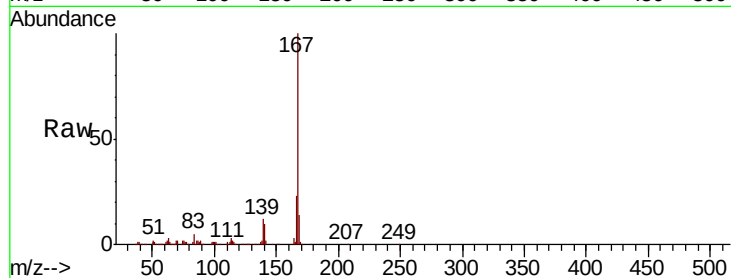
Tot Ion:167 Resp: 438059

Ion Ratio Lower Upper

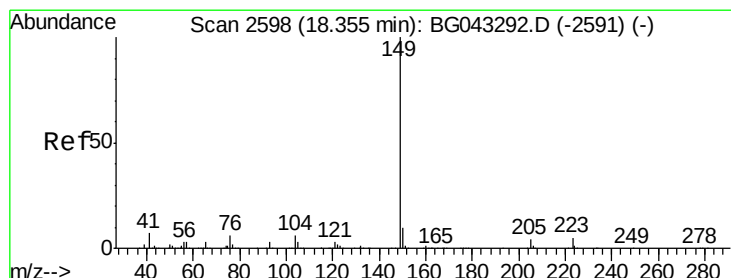
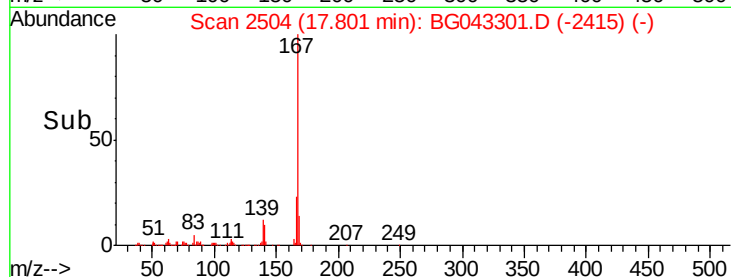
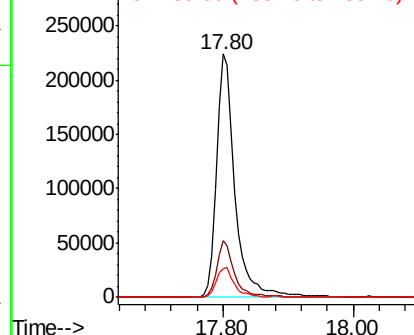
167 100

166 23.5 18.4 27.6

139 11.9 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.616 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

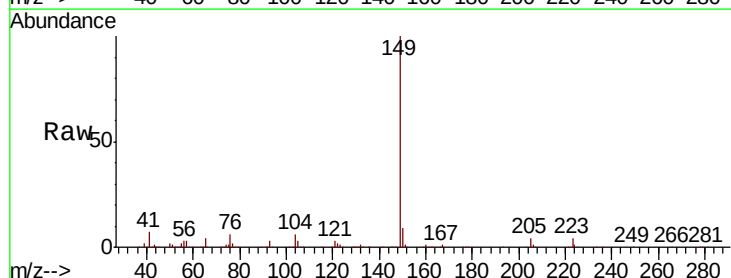
Tgt Ion:149 Resp: 525170

Ion Ratio Lower Upper

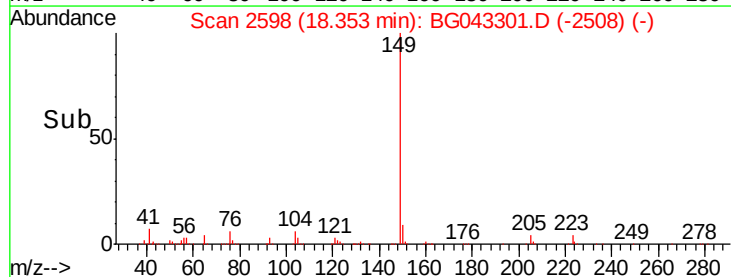
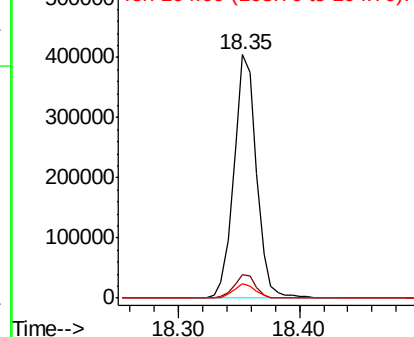
149 100

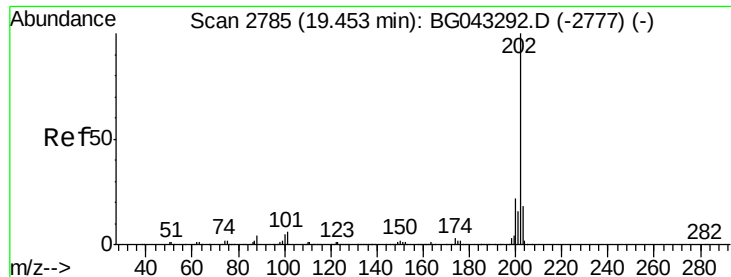
150 9.5 8.0 12.0

104 5.9 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.478 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

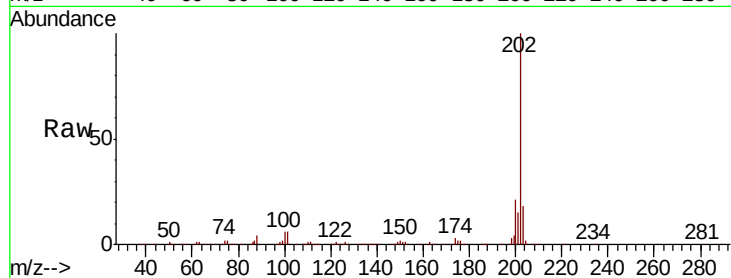
Tot Ion:202 Resp: 648767

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.0

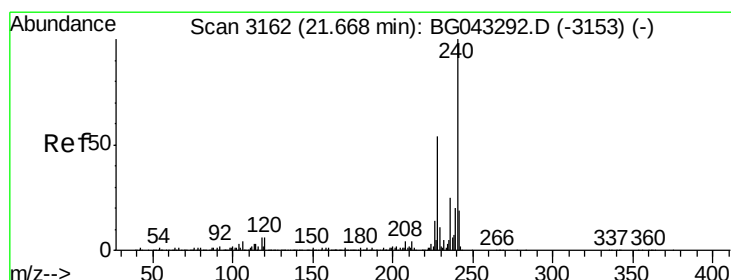
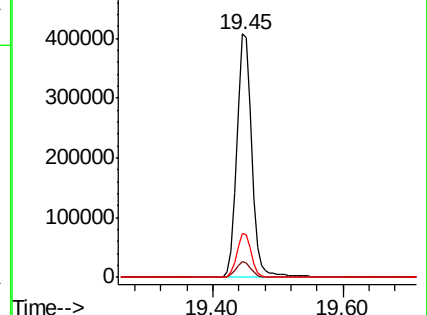
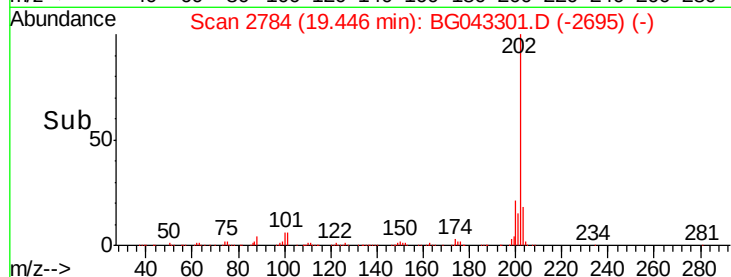
203 18.0 0.0 38.2



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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

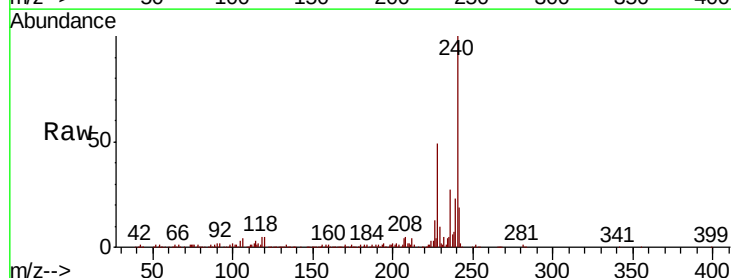
Tgt Ion:240 Resp: 258247

Ion Ratio Lower Upper

240 100

120 5.2 4.6 7.0

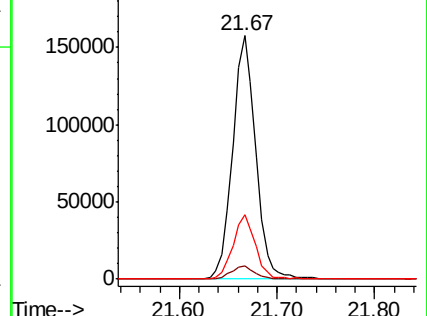
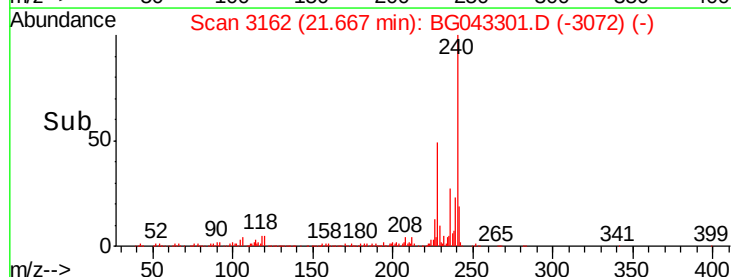
236 26.6 20.2 30.4

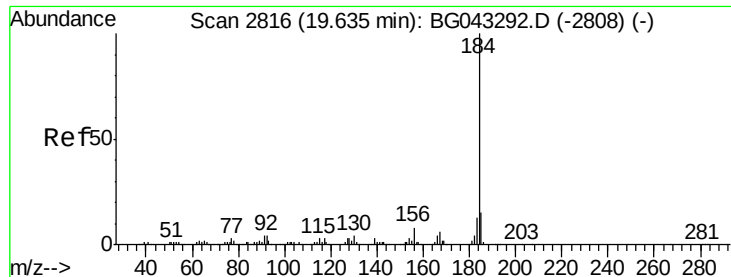


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.931 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

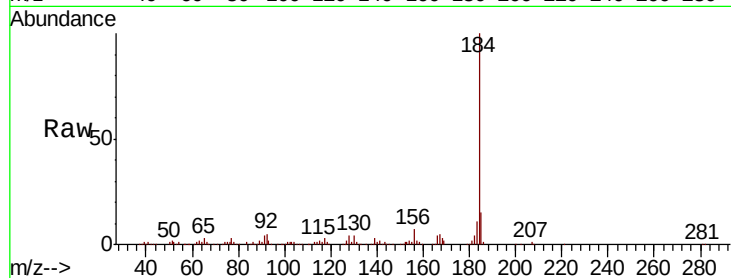
Tot Ion:184 Resp: 306282

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

183 11.5 10.6 16.0

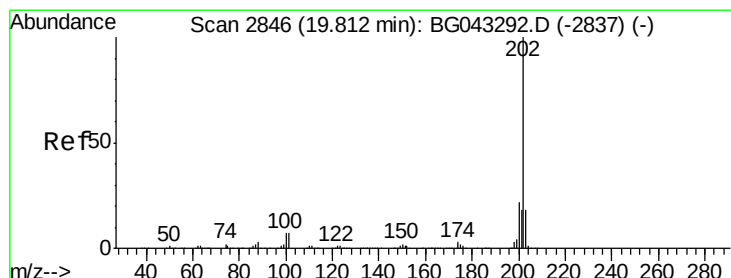
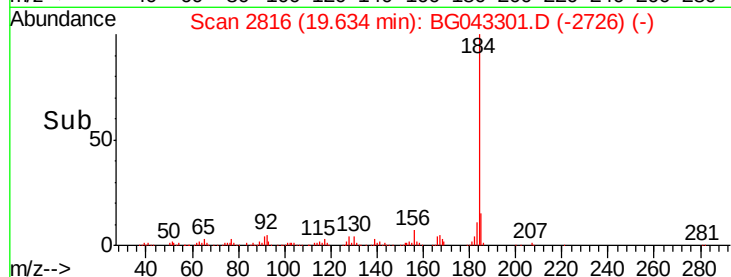
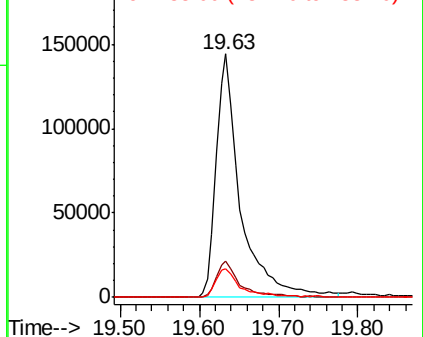


Abundance

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: 41.135 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

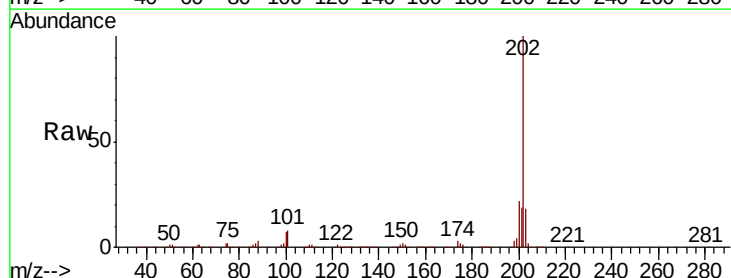
Tgt Ion:202 Resp: 657550

Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

203 18.0 14.5 21.7

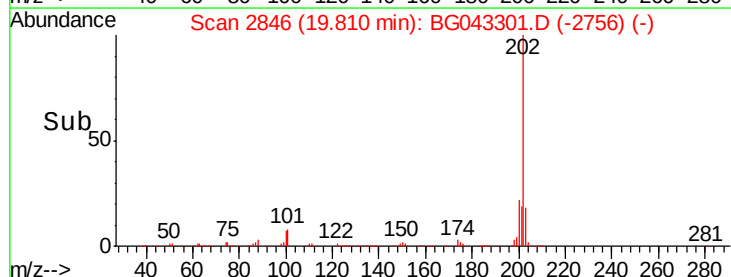
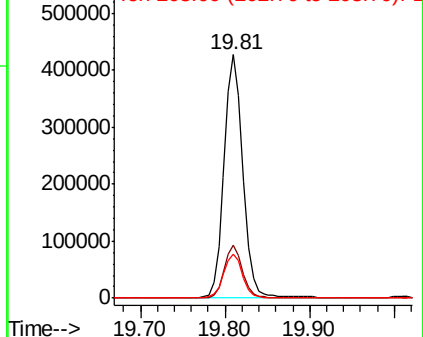


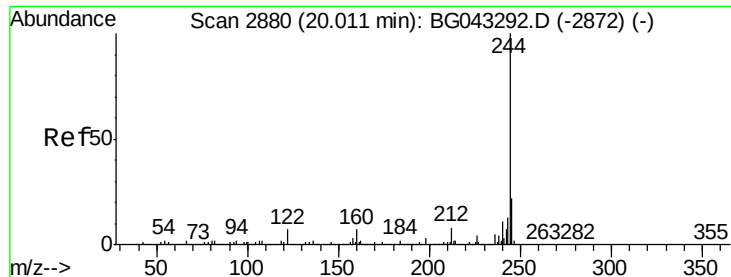
Abundance

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: 63.650 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

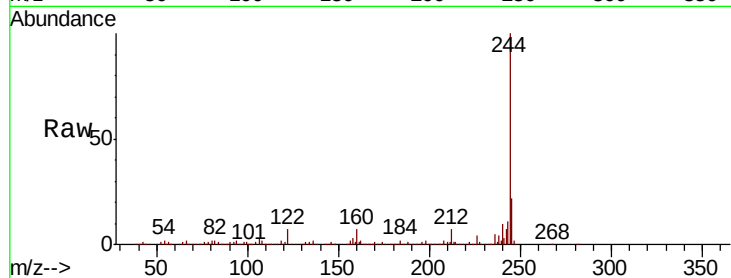
Tot Ion:244 Resp: 876172

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

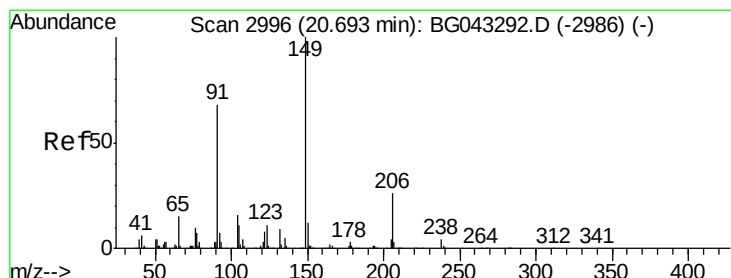
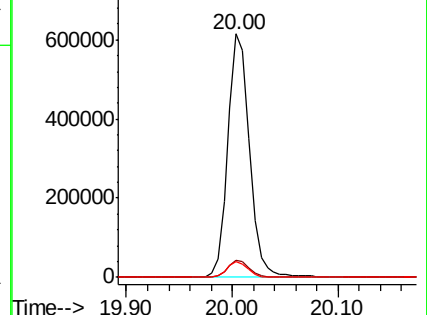
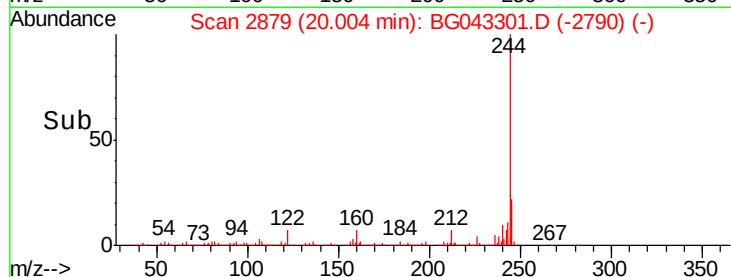
122 6.7 5.3 7.9



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: 41.315 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

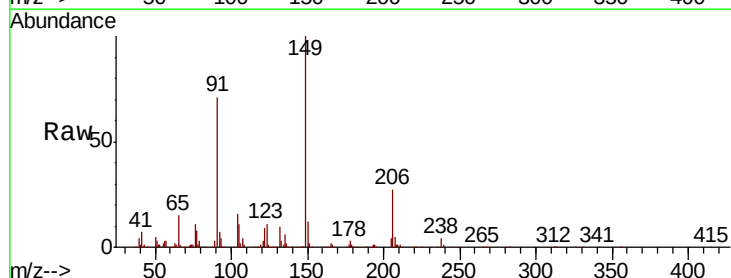
Tgt Ion:149 Resp: 250210

Ion Ratio Lower Upper

149 100

91 70.8 54.6 82.0

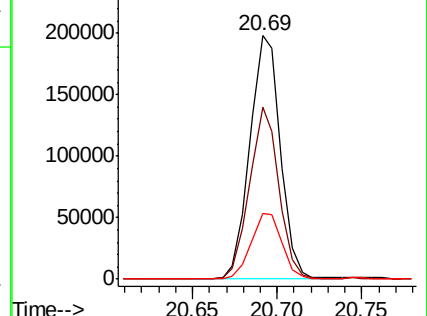
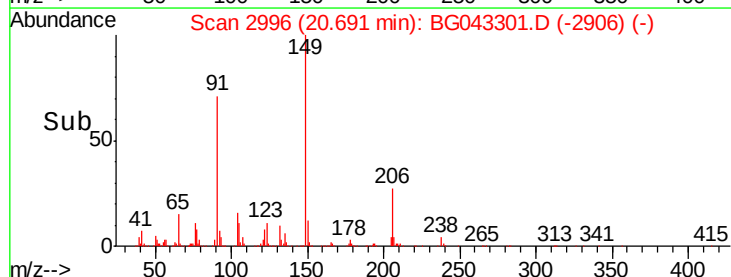
206 26.9 20.5 30.7

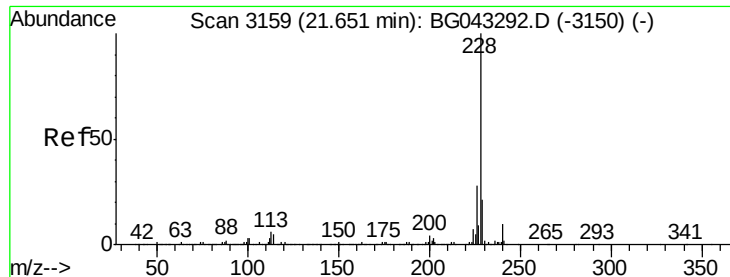


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.255 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

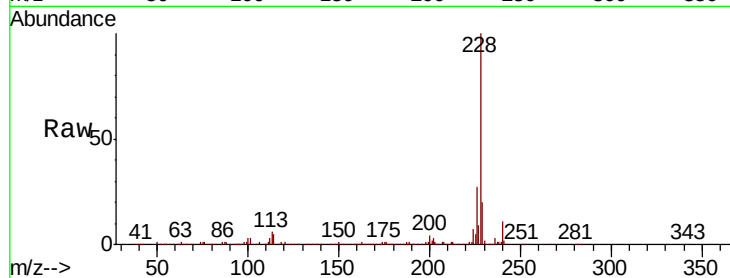
Tot Ion:228 Resp: 699718

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.4

229 20.4 16.9 25.3

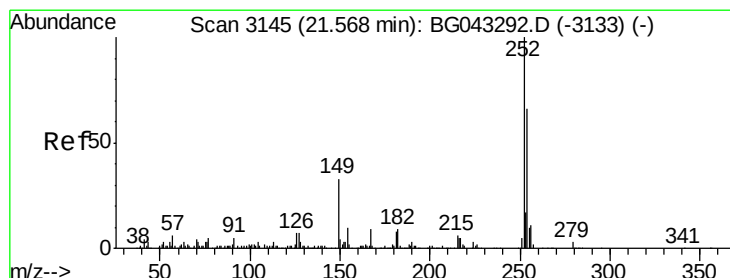
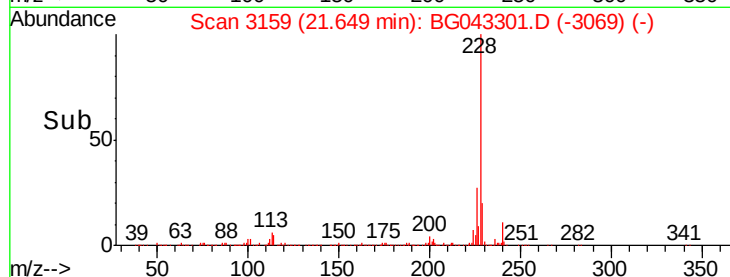
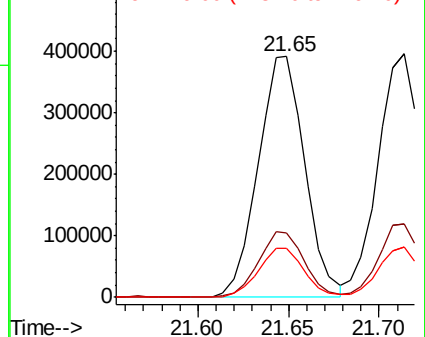


Abundance

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: 32.562 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

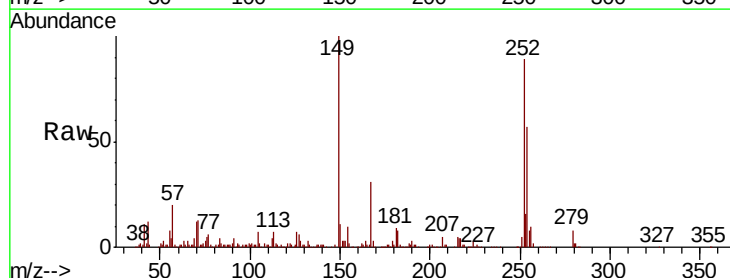
Tgt Ion:252 Resp: 203731

Ion Ratio Lower Upper

252 100

254 64.2 52.7 79.1

126 7.9 5.6 8.4

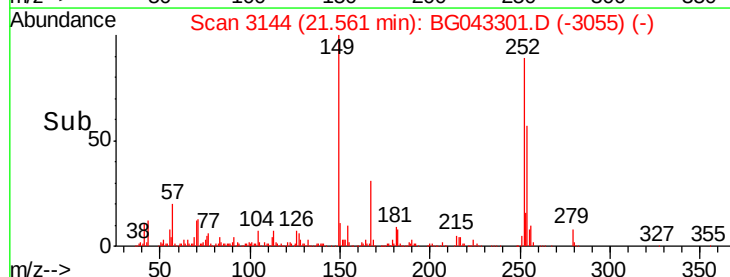
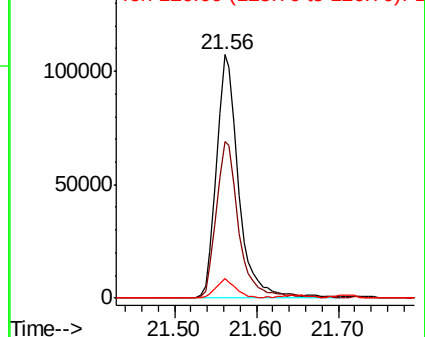


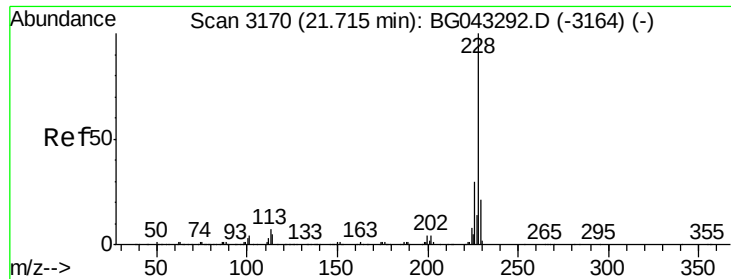
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.718 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

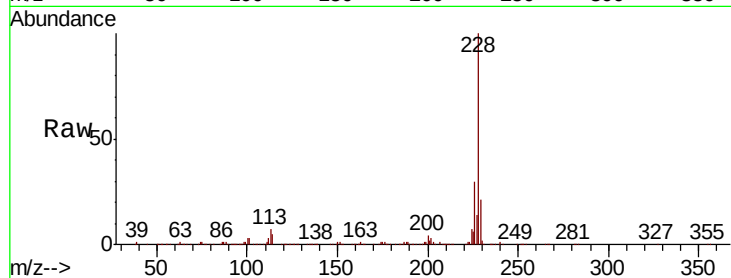
Tot Ion:228 Resp: 686579

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

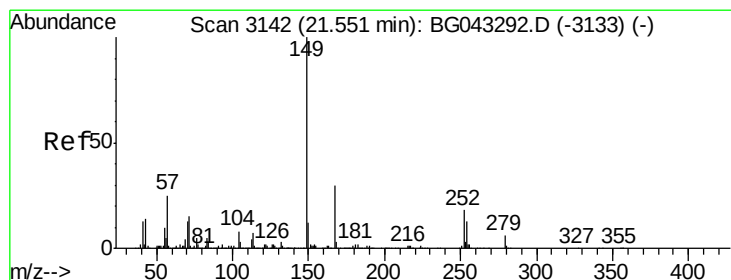
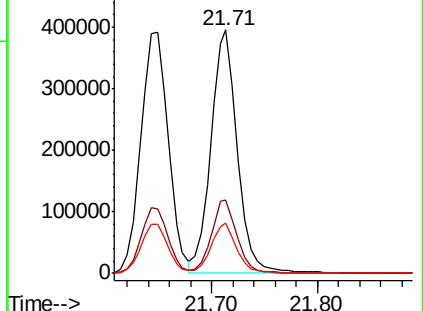
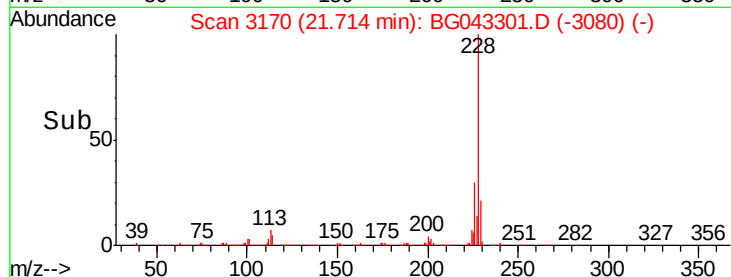
229 20.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.644 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

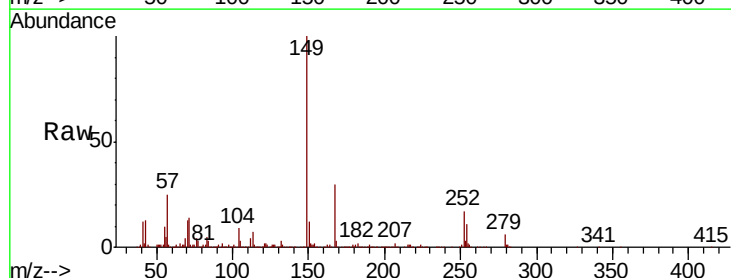
Tgt Ion:149 Resp: 366860

Ion Ratio Lower Upper

149 100

167 30.2 23.9 35.9

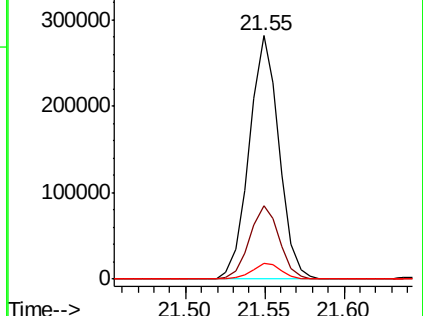
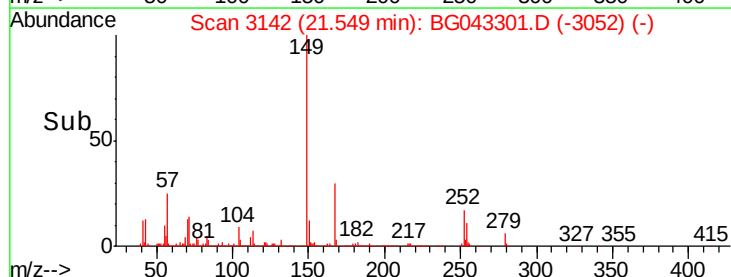
279 6.2 4.8 7.2

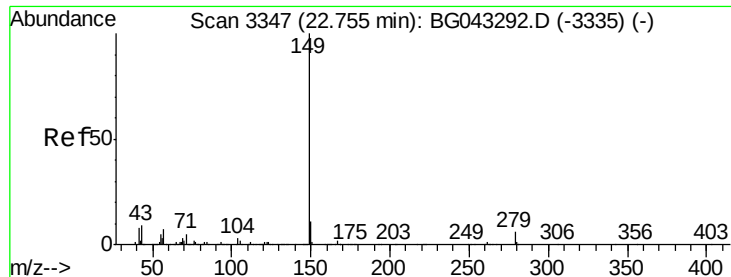


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.081 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

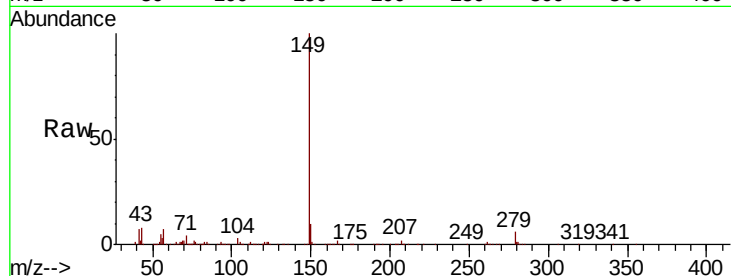
Tot Ion:149 Resp: 628788

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

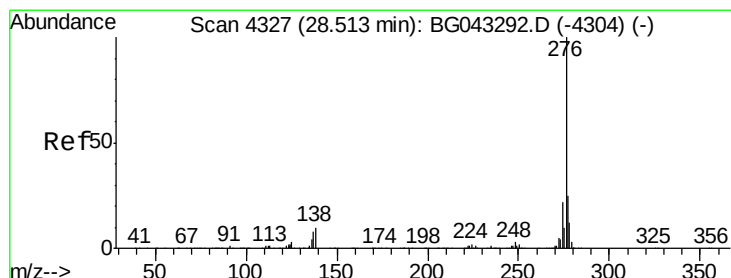
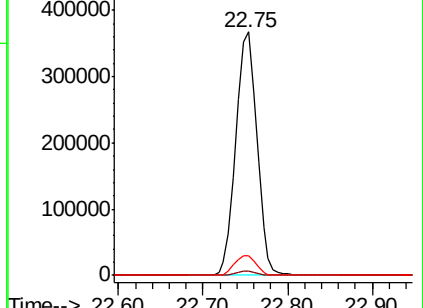
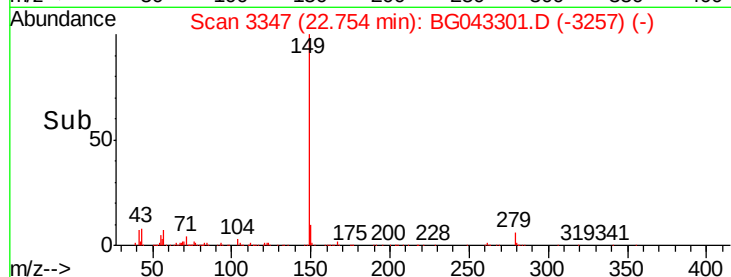
43 8.3 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.753 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

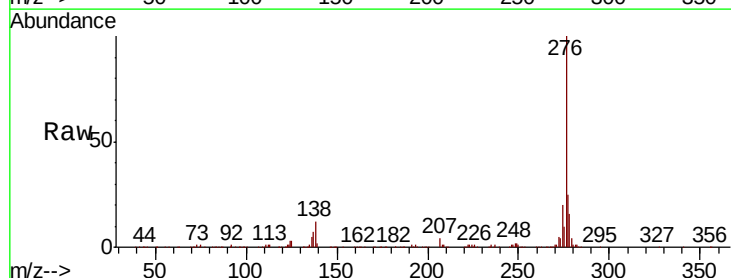
Tgt Ion:276 Resp: 862539

Ion Ratio Lower Upper

276 100

138 9.2 7.2 10.8

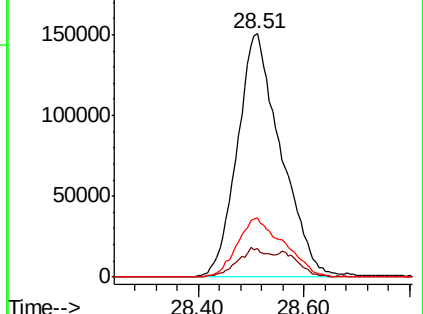
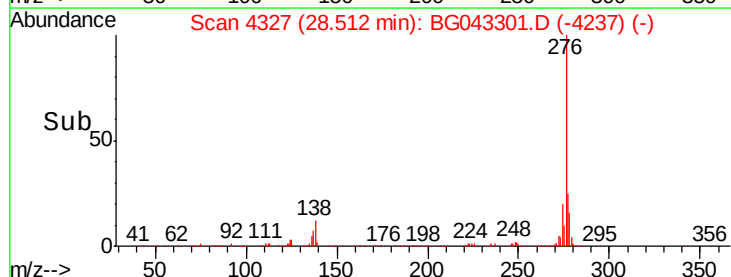
277 26.0 20.9 31.3

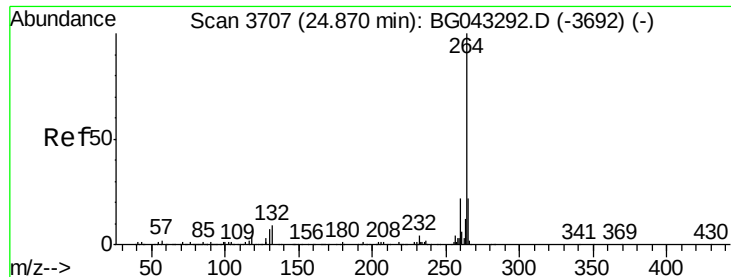


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

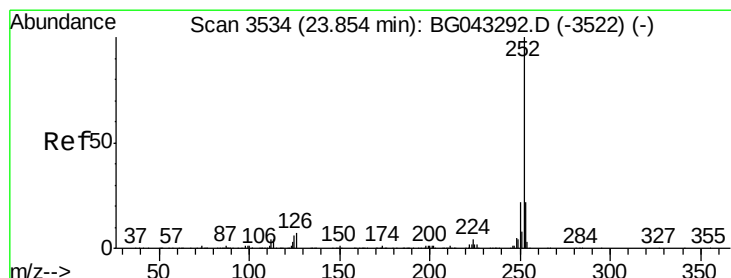
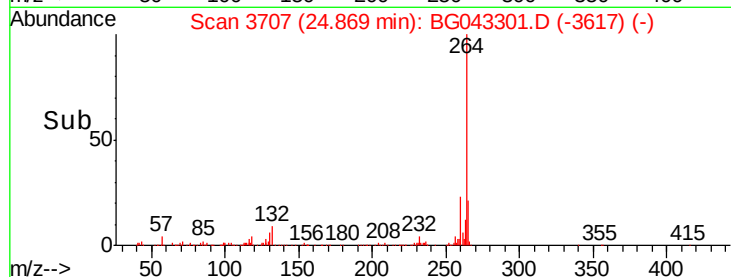
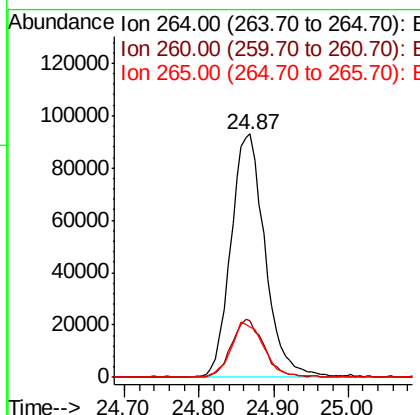
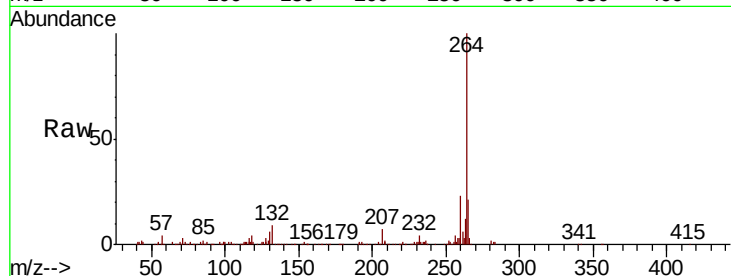




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

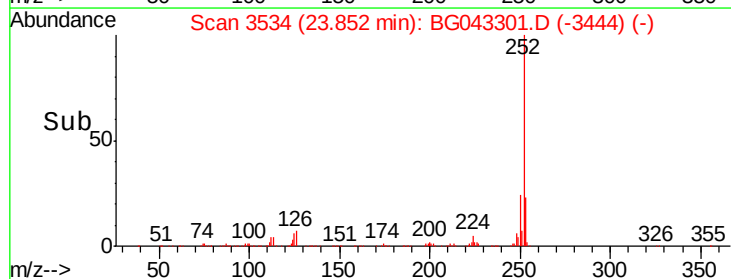
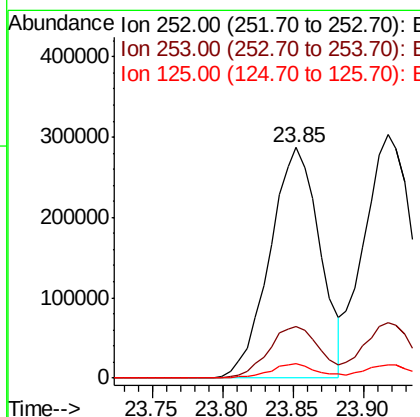
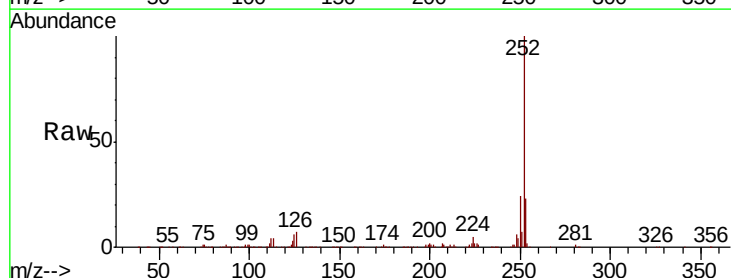
Instrument :
BNA_G
ClientSampleId :
PB123945BSD

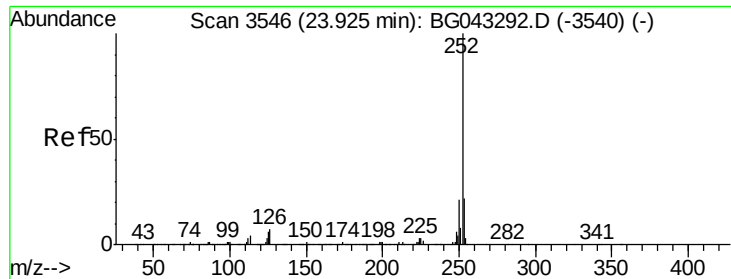
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	20.8	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 42.529 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG043301.D
Acq: 22 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	6.0	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 44.430 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

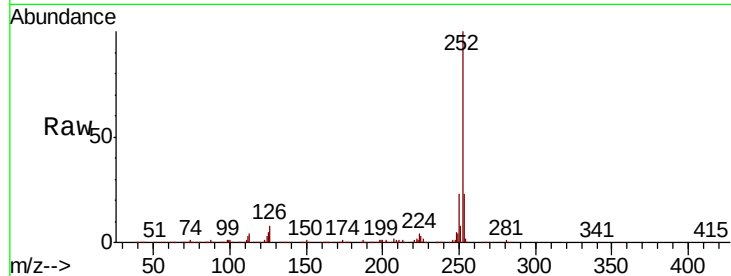
Tot Ion:252 Resp: 747972

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

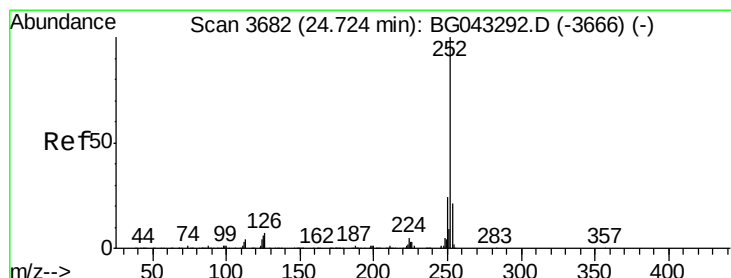
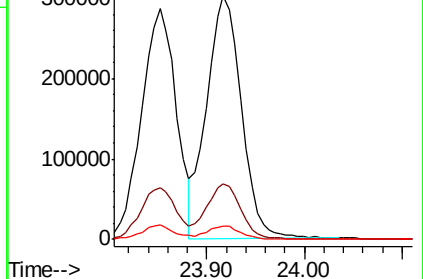
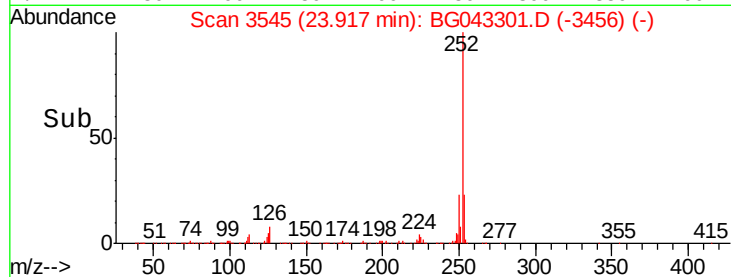
125 5.4 4.5 6.7



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



#90

Benzo(a)pyrene

Concen: 42.331 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

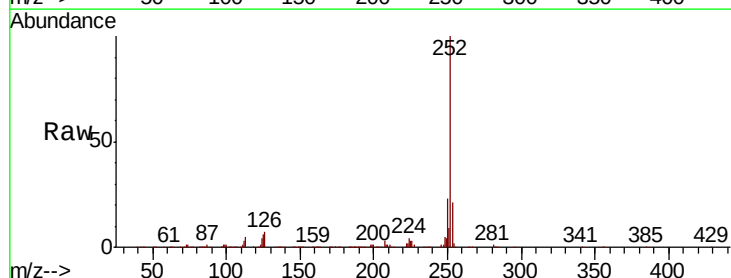
Tgt Ion:252 Resp: 675974

Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

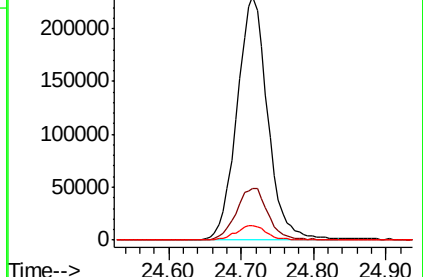
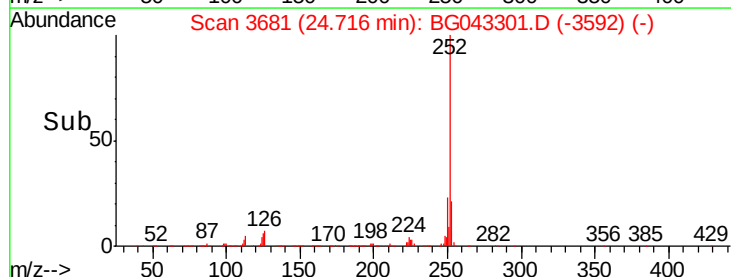
125 6.0 5.0 7.6

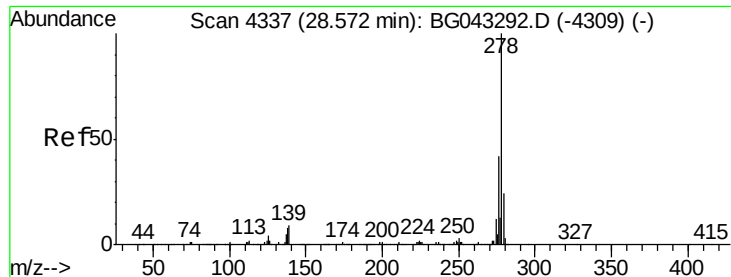


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.352 ng

RT: 28.58 min Scan# 4338

Delta R.T. 0.00 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

Instrument :

BNA_G

ClientSampleId :

PB123945BSD

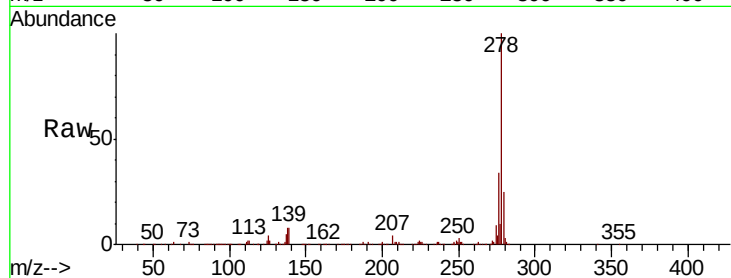
Tot Ion:278 Resp: 724438

Ion Ratio Lower Upper

278 100

139 8.2 6.8 10.2

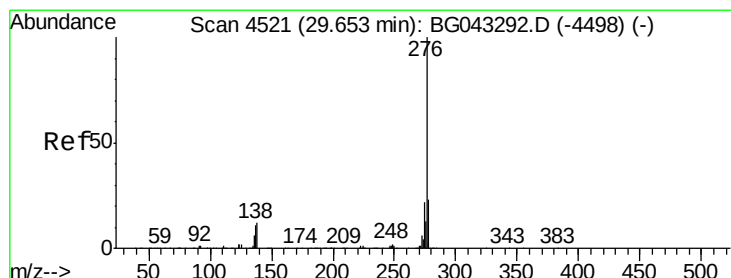
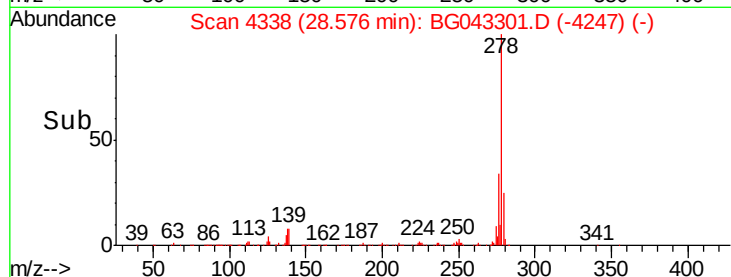
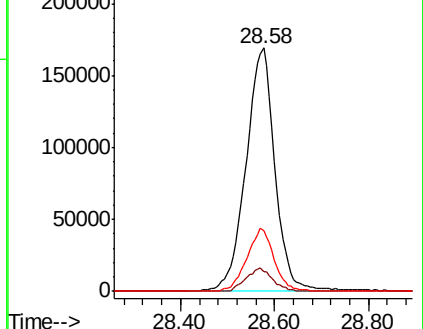
279 25.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.501 ng

RT: 29.65 min Scan# 4520

Delta R.T. -0.01 min

Lab File: BG043301.D

Acq: 22 Oct 2019 11:10

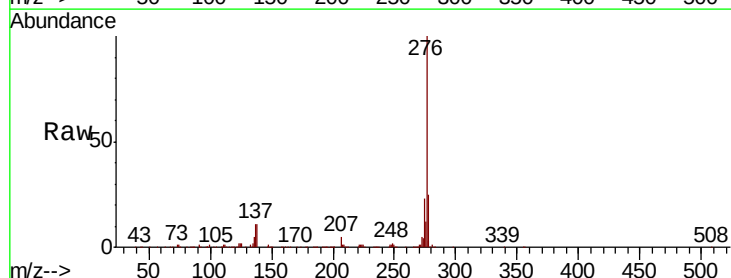
Tgt Ion:276 Resp: 733100

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 11.2 9.3 13.9



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

