

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
 Data File : BG043347.D
 Acq On : 25 Oct 2019 19:57
 Operator : JU
 Sample : K5514-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Quant Time: Oct 25 23:09:05 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	39395	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	150629	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	104566	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	256562	20.00	ng	0.00
76) Chrysene-d12	21.67	240	266722	20.00	ng	0.00
87) Perylene-d12	24.86	264	42215	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	297074	138.18	ng	0.00
7) Phenol-d6	7.22	99	412501	133.36	ng	0.02
23) Nitrobenzene-d5	9.19	82	260452	89.14	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	301431	151.48	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	722160	95.43	ng	0.00
79) Terphenyl-d14	20.01	244	1425987	100.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	29398	35.090	ng	98
3) Pyridine	3.95	79	33909	16.045	ng	92
4) n-Nitrosodimethylamine	3.80	42	45916	43.057	ng	94
6) Aniline	7.38	93	8526	2.393	ng	# 88
8) 2-Chlorophenol	7.60	128	119012	50.148	ng	94
9) Benzaldehyde	7.17	77	48746	32.068	ng	84
10) Phenol	7.24	94	141798	50.168	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	97400	44.571	ng	99
12) 1,3-Dichlorobenzene	7.91	146	121435	40.840	ng	97
13) 1,4-Dichlorobenzene	8.06	146	123495	41.050	ng	97
14) 1,2-Dichlorobenzene	8.38	146	122909	41.844	ng	93
15) Benzyl Alcohol	8.27	79	19598	9.022	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	133199	41.919	ng	98
17) 2-Methylphenol	8.49	107	95284	46.243	ng	98
18) Hexachloroethane	9.11	117	43474	40.054	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	91669	45.864	ng	99
20) 3+4-Methylphenols	8.82	107	126349	44.718	ng	90
22) Acetophenone	8.85	105	174672	45.282	ng	# 98
24) Nitrobenzene	9.23	77	135341	48.626	ng	96
25) Isophorone	9.75	82	258834	48.455	ng	98
26) 2-Nitrophenol	9.94	139	69489	51.714	ng	95
27) 2,4-Dimethylphenol	10.01	122	110884	57.575	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	54171	18.374	ng	92
29) 2,4-Dichlorophenol	10.49	162	135568	54.939	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	140003	45.015	ng	98
31) Naphthalene	10.88	128	364220	47.636	ng	98
32) Benzoic acid	10.19	122	63332	43.997	ng	97
33) 4-Chloroaniline	11.02	127	10149	3.238	ng	# 93
34) Hexachlorobutadiene	11.17	225	99838	43.425	ng	96
35) Caprolactam	11.78	113	41429	48.748	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	145911	54.208	ng	99
37) 2-Methylnaphthalene	12.48	142	281204	47.934	ng	98
38) 1-Methylnaphthalene	12.70	142	268900	48.174	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	181578	46.921	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	185564	91.283	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	126520	55.516	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	139683	60.626	nq	97
46) 1,1'-Biphenyl	13.49	154	385592	48.473	nq	98
47) 2-Chloronaphthalene	13.53	162	301163	49.758	nq	99
48) 2-Nitroaniline	13.74	65	59077	32.657	nq	98
49) Acenaphthylene	14.37	152	329356	34.964	nq	99
50) Dimethylphthalate	14.11	163	501097	61.869	nq	99
51) 2,6-Dinitrotoluene	14.23	165	95847	54.472	nq	97
52) Acenaphthene	14.72	154	279206	48.603	nq	98
53) 3-Nitroaniline	14.57	138	12488	7.351	nq #	75
54) 2,4-Dinitrophenol	14.77	184	90118	81.834	nq	95
55) Dibenzofuran	15.05	168	487962	52.380	nq	98
56) 4-Nitrophenol	14.90	139	132535	116.418	nq	92
57) 2,4-Dinitrotoluene	15.01	165	137718	54.767	nq	99
58) Fluorene	15.70	166	408000	52.218	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	142682	58.287	nq #	99
60) Diethylphthalate	15.47	149	430563	52.907	nq	97
61) 4-Chlorophenyl-phenylether	15.69	204	234814	51.516	nq	98
62) 4-Nitroaniline	15.73	138	29050	16.558	nq	94
63) Azobenzene	15.98	77	303979	46.153	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	75066	49.717	nq	96
66) n-Nitrosodiphenylamine	15.91	169	36076	4.981	nq	96
67) 4-Bromophenyl-phenylether	16.58	248	167062	48.385	nq	97
68) Hexachlorobenzene	16.71	284	189439	47.798	nq	99
69) Atrazine	17.06	200	40738	16.186	nq #	37
70) Pentachlorophenol	17.06	266	233940	129.539	nq	96
71) Phenanthrene	17.44	178	664806	50.602	nq	99
72) Anthracene	17.53	178	667004	50.743	nq	100
73) Carbazole	17.81	167	24120	2.026	nq	98
74) Di-n-butylphthalate	18.35	149	740598	51.277	nq	100
75) Fluoranthene	19.45	202	850582	49.661	nq	99
78) Pyrene	19.81	202	703698	42.623	nq	99
80) Butylbenzylphthalate	20.69	149	317851	50.816	nq	98
81) Benzo(a)anthracene	21.65	228	835928	50.034	nq	99
83) Chrysene	21.71	228	855129	51.514	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	488959	55.031	nq	99
85) Di-n-octyl phthalate	22.75	149	839340	55.680	nq	100
86) Indeno(1,2,3-cd)pyrene	28.49	276	768254	36.869	nq #	96
88) Benzo(b)fluoranthene	23.85	252	901576	377.083	nq	99
89) Benzo(k)fluoranthene	23.92	252	840326	349.123	nq	98
90) Benzo(a)pyrene	24.71	252	487123	213.355	nq	97
91) Dibenzo(a,h)anthracene	28.57	278	869241	372.212	nq	99
92) Benzo(g,h,i)perylene	29.64	276	589585	255.943	nq	98

(#) = 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

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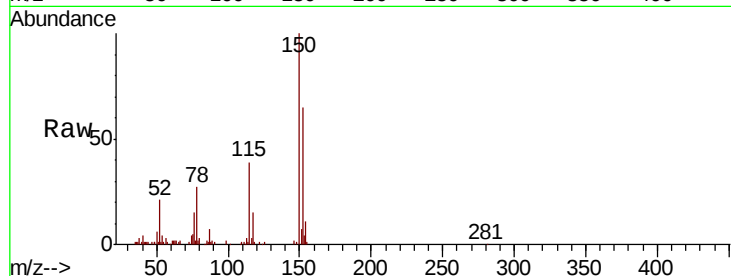
Tot Ion:152 Resp: 39395

Ion Ratio Lower Upper

152 100

150 153.9 113.6 170.4

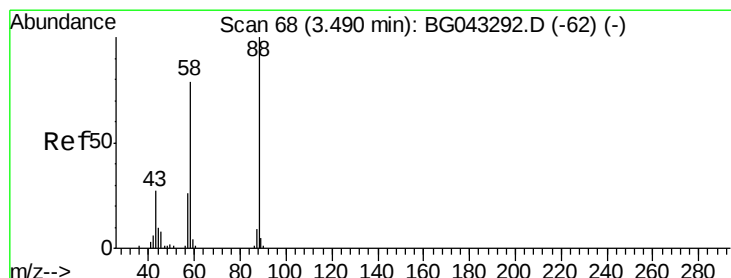
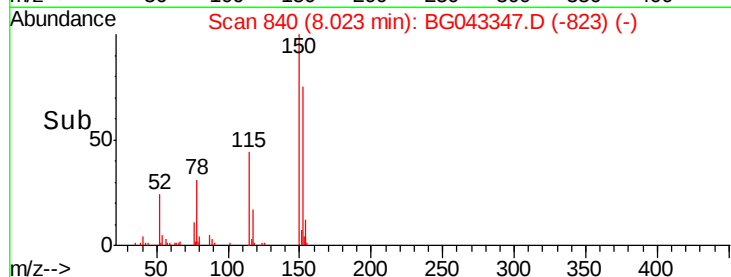
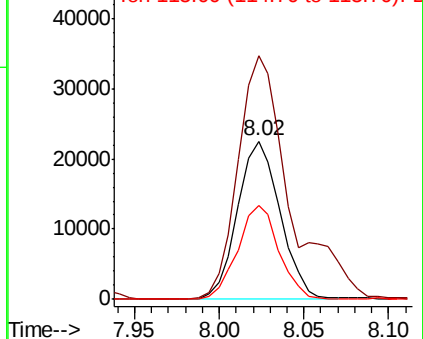
115 59.3 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.090 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

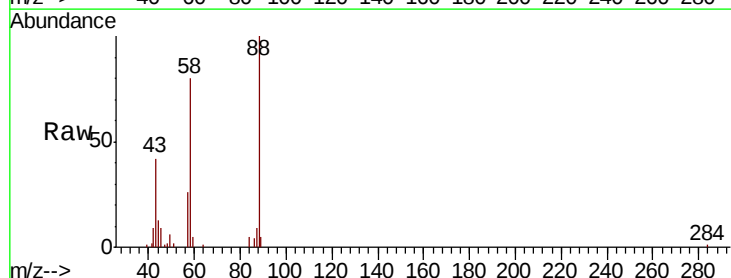
Tgt Ion: 88 Resp: 29398

Ion Ratio Lower Upper

88 100

58 75.9 60.2 90.2

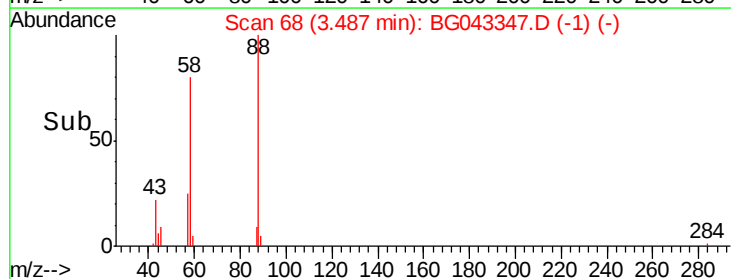
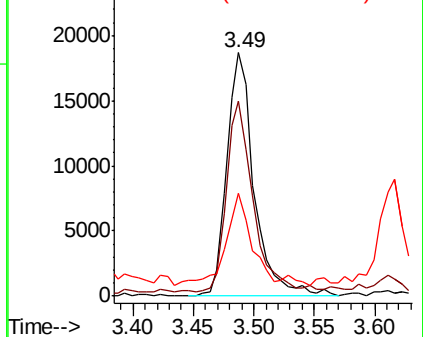
43 31.1 22.7 34.1

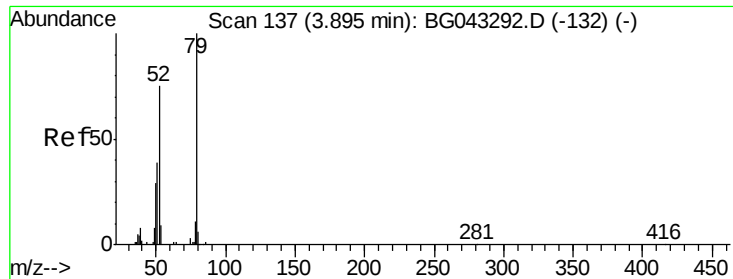


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 16.045 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.05 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

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ClientSampleId :

ROLL-OFF-WATERMSD

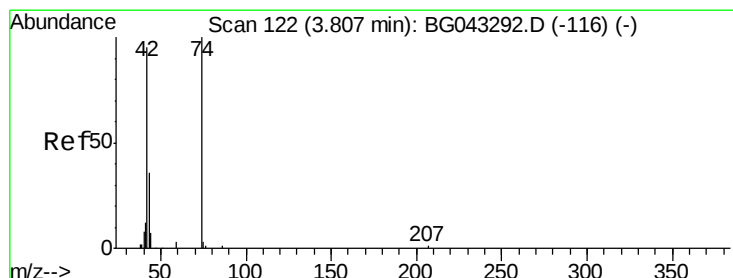
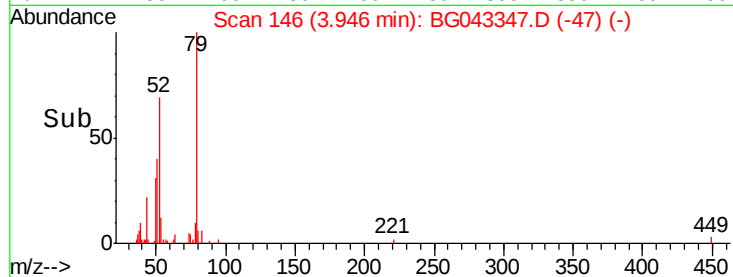
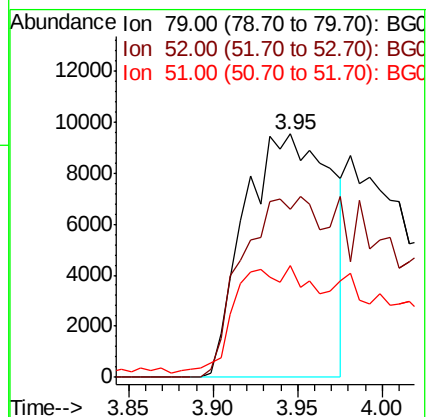
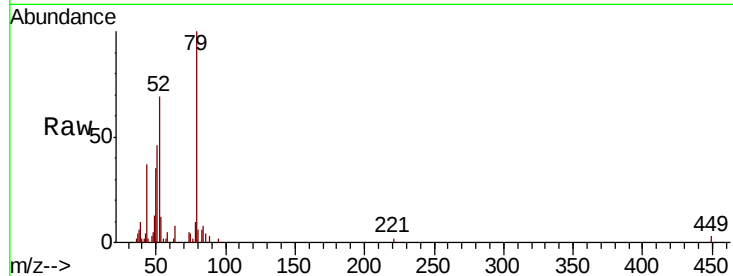
Tot Ion: 79 Resp: 33909

Ion Ratio Lower Upper

79 100

52 68.9 59.7 89.5

51 46.1 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 43.057 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

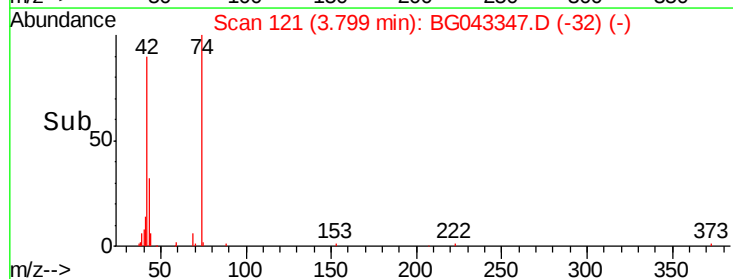
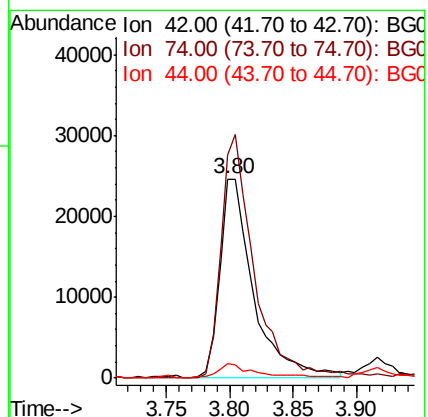
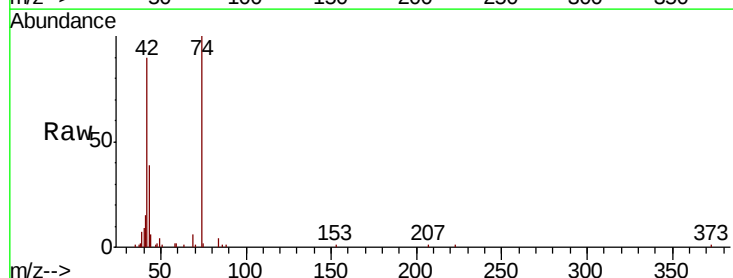
Tgt Ion: 42 Resp: 45916

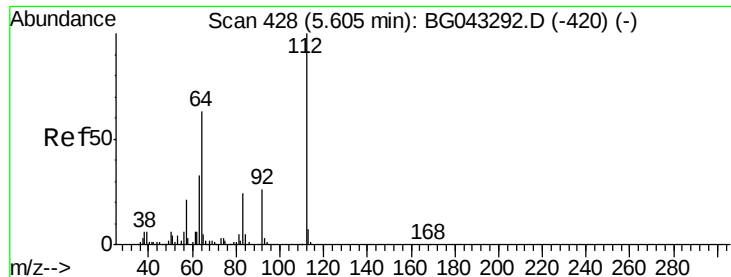
Ion Ratio Lower Upper

42 100

74 111.7 84.2 126.2

44 7.2 6.0 9.0





#5

2-Fluorophenol

Concen: 138.183 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

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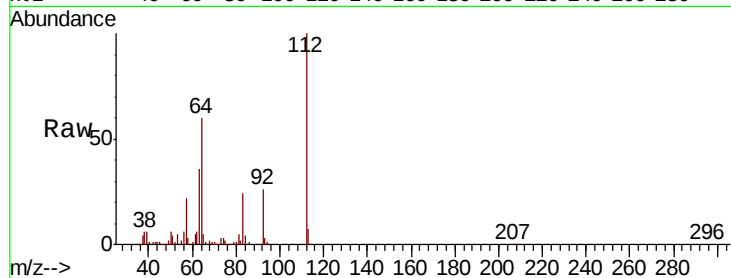
Tot Ion:112 Resp: 297074

Ion Ratio Lower Upper

112 100

64 60.3 50.2 75.2

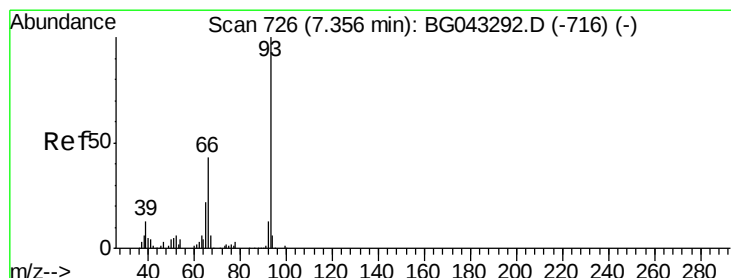
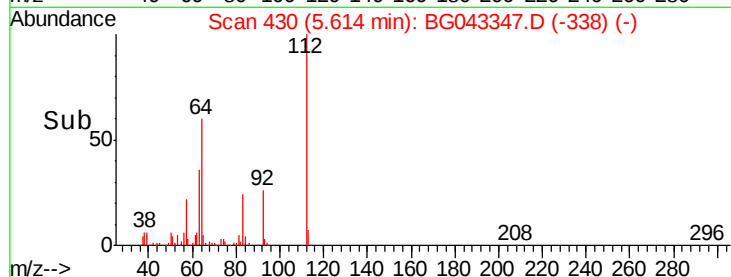
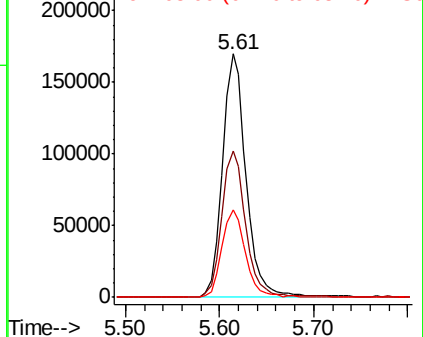
63 35.8 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 2.393 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.03 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

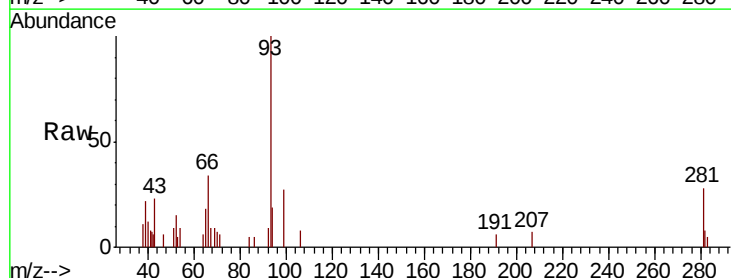
Tgt Ion: 93 Resp: 8526

Ion Ratio Lower Upper

93 100

66 34.3 34.5 51.7#

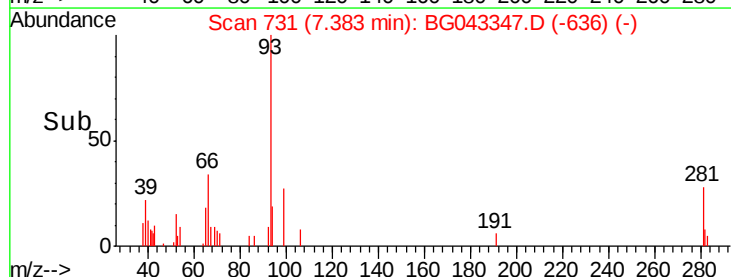
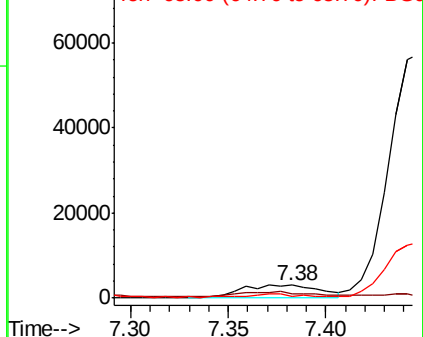
65 17.7 18.0 27.0#

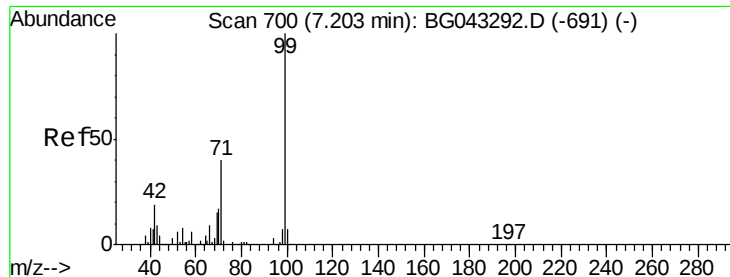


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.360 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

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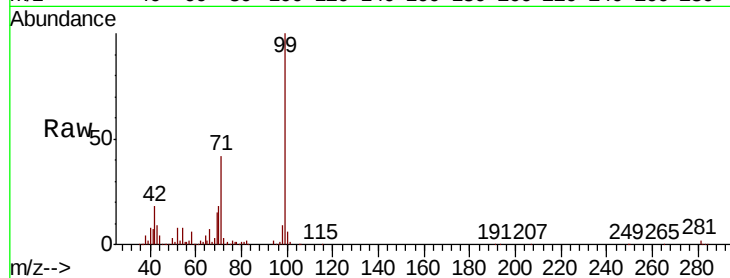
Tot Ion: 99 Resp: 412501

Ion Ratio Lower Upper

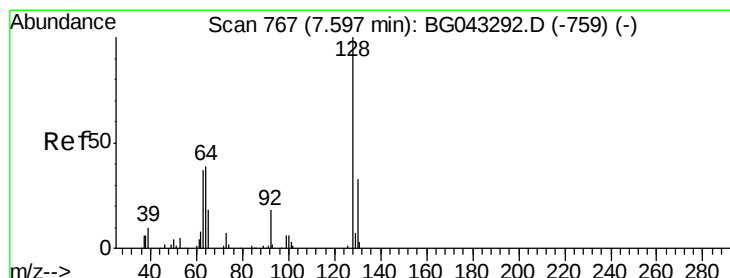
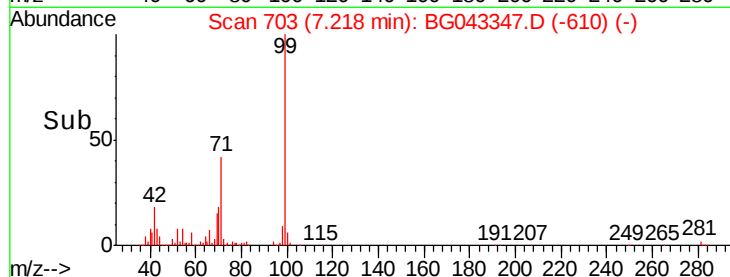
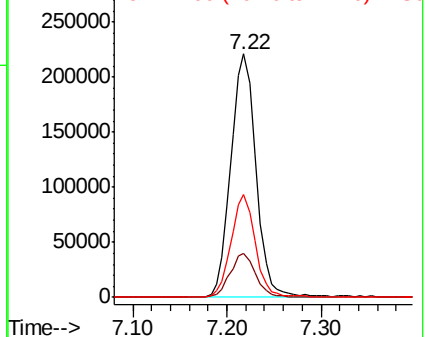
99 100

42 18.2 14.9 22.3

71 42.2 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: 50.148 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

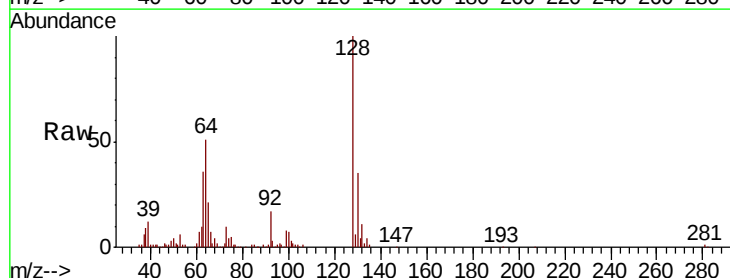
Tgt Ion: 128 Resp: 119012

Ion Ratio Lower Upper

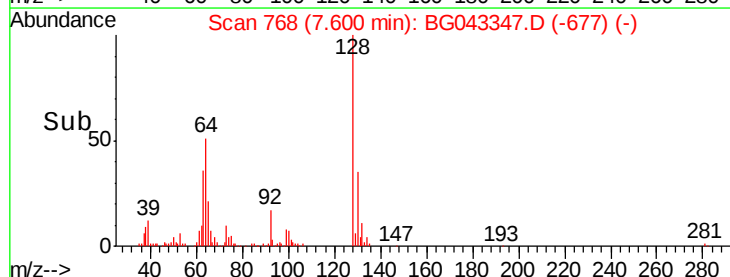
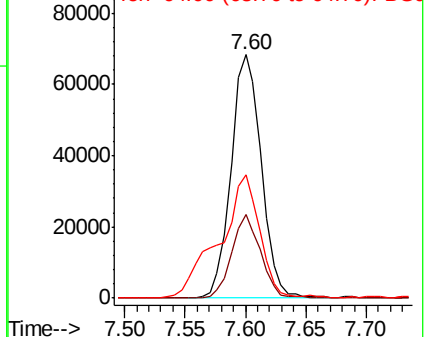
128 100

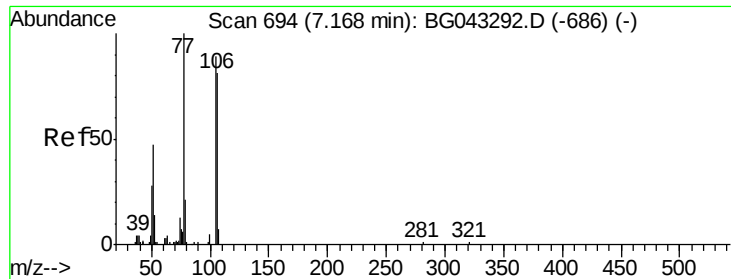
130 34.5 12.9 52.9

64 50.8 24.9 64.9



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





#9

Benzaldehyde

Concen: 32.068 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043347.D

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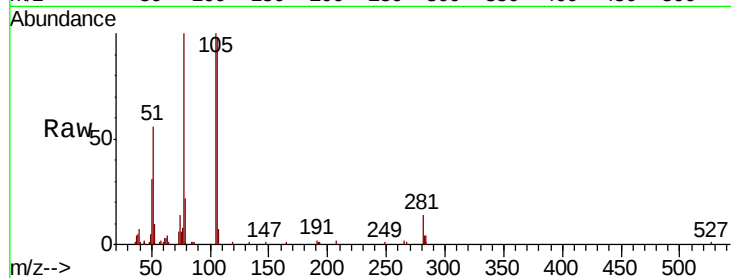
Tot Ion: 77 Resp: 48746

Ion Ratio Lower Upper

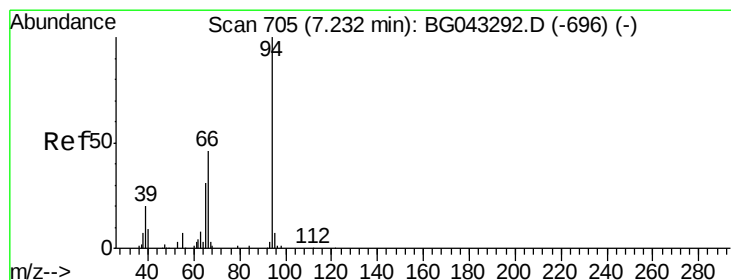
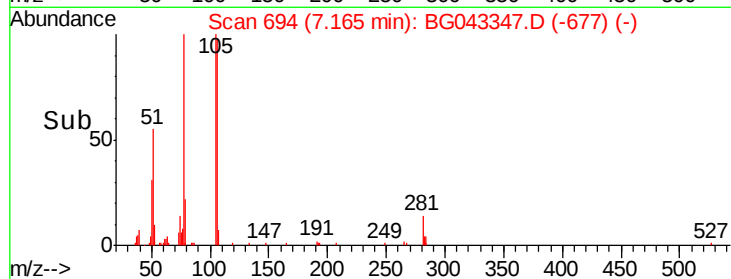
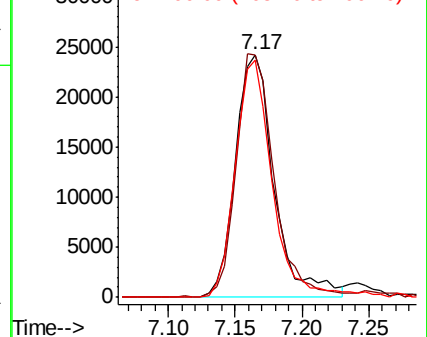
77 100

105 100.1 68.7 108.7

106 97.8 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: 50.168 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

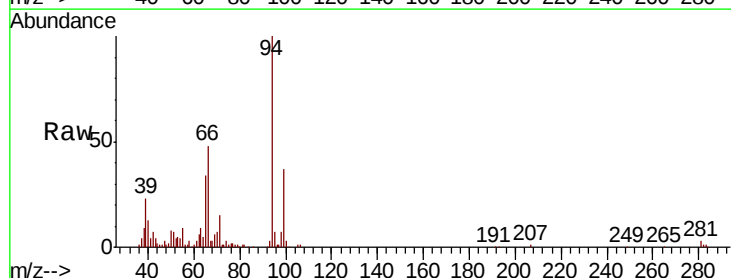
Tgt Ion: 94 Resp: 141798

Ion Ratio Lower Upper

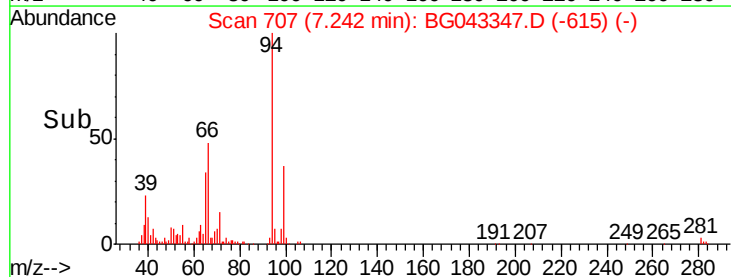
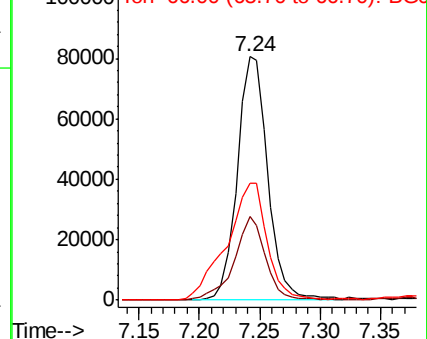
94 100

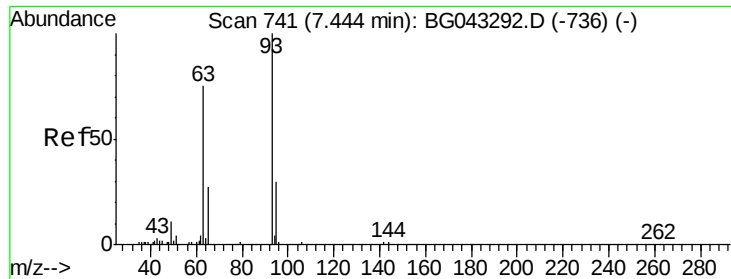
65 34.4 11.1 51.1

66 48.3 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

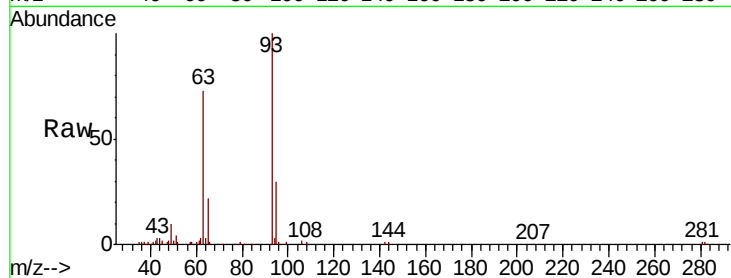




#11
bis(2-Chloroethyl)ether
Concen: 44.571 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	93	Resp	97400
Ion	Ratio	Lower	Upper
93	100		
63	73.3	54.6	94.6
95	30.3	9.7	49.7

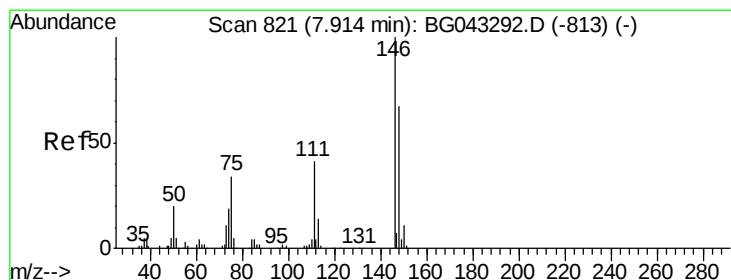
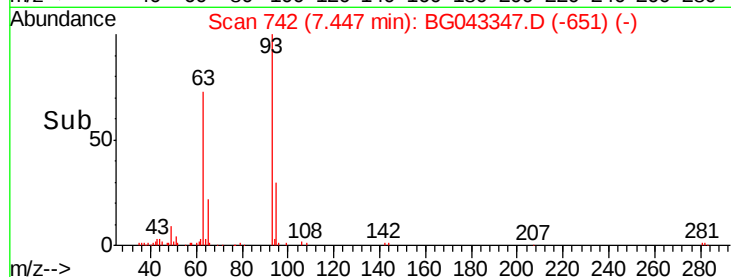
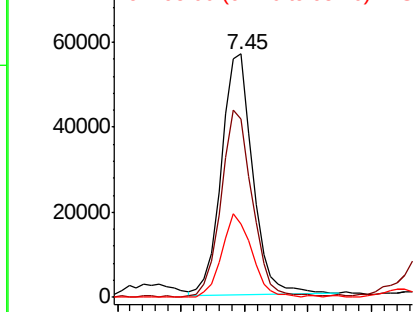


Abundance

Ion 93.00 (92.70 to 93.70): BGC

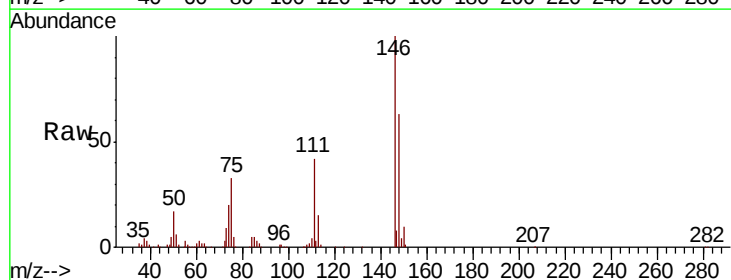
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 40.840 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	146	Resp	121435
Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.4	80.2
75	33.0	27.0	40.4

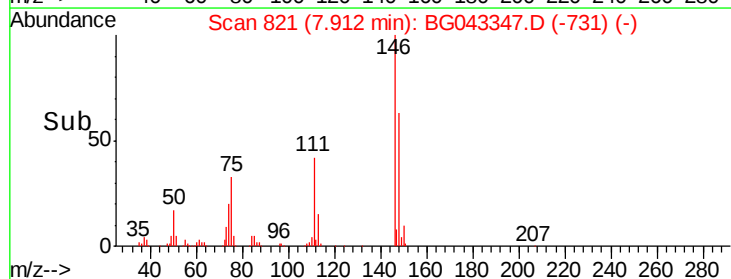
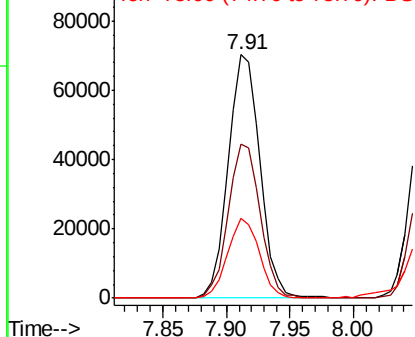


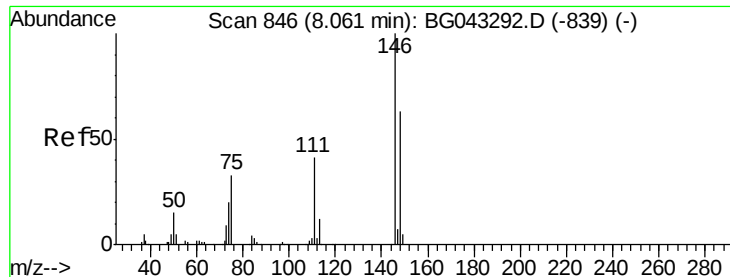
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

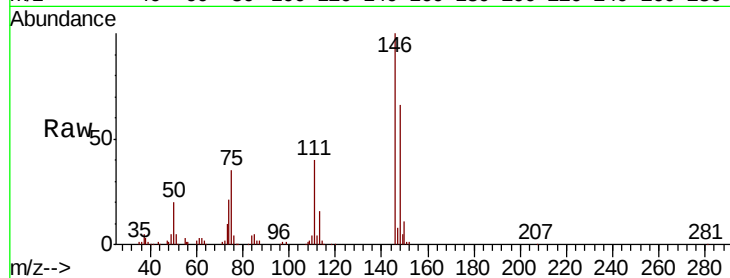




#13
 1,4-Dichlorobenzene
 Concen: 41.050 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.7	76.1
111	39.6	33.0	49.6

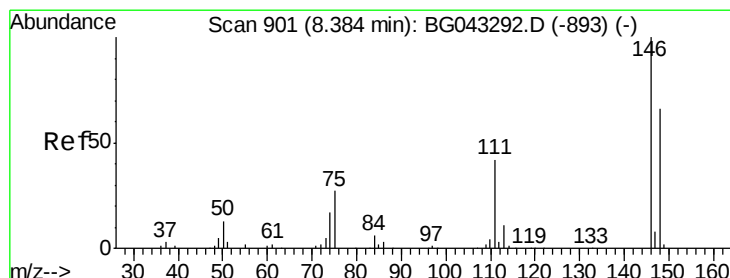
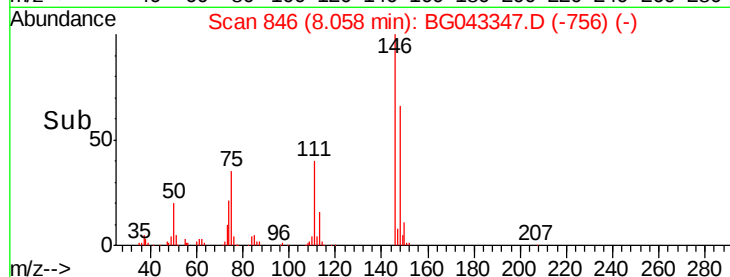
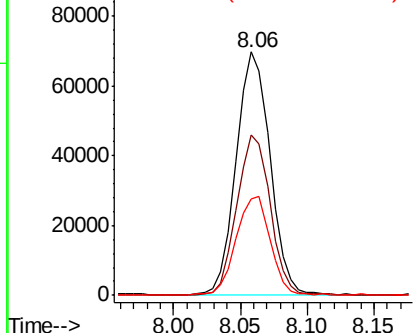


Abundance

Ion 146.00 (145.70 to 146.70): E

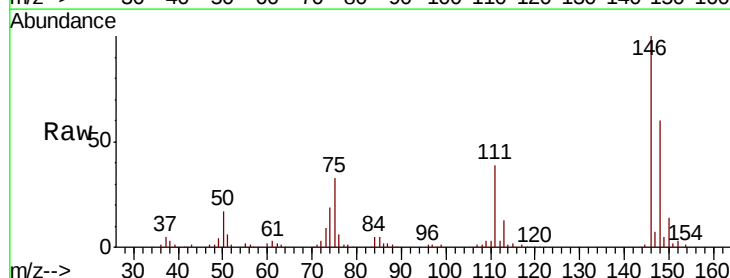
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.844 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	53.0	79.4
111	38.8	34.5	51.7

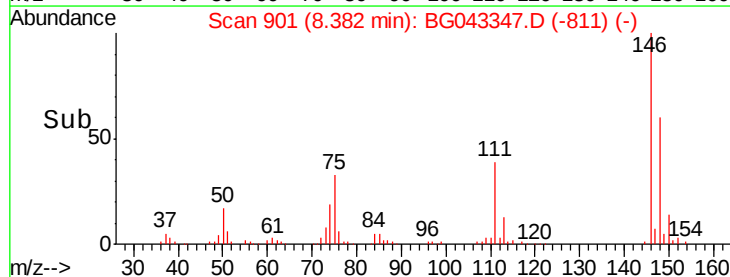
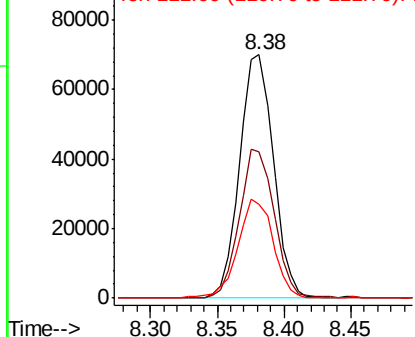


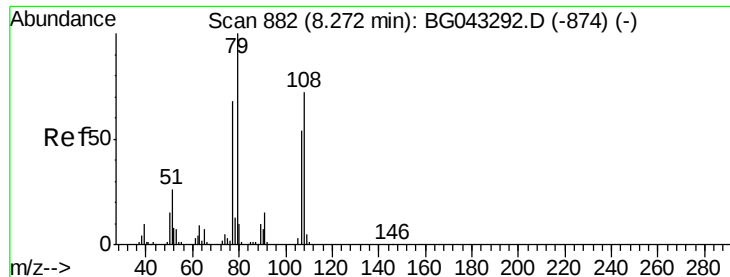
Abundance

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: 9.022 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

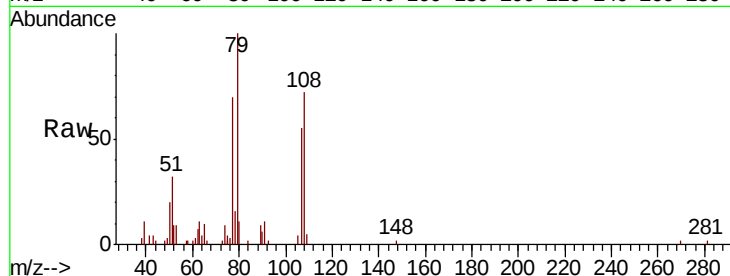
Tot Ion: 79 Resp: 19598

Ion Ratio Lower Upper

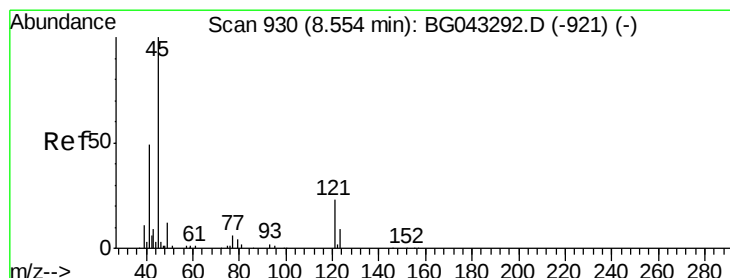
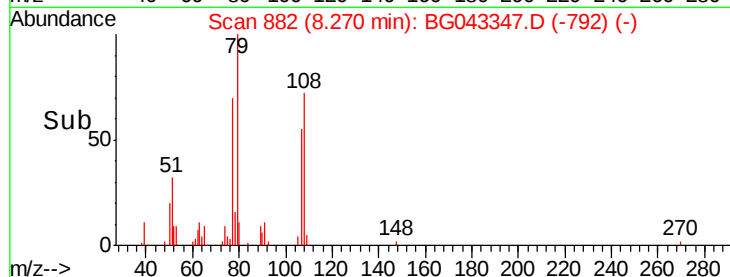
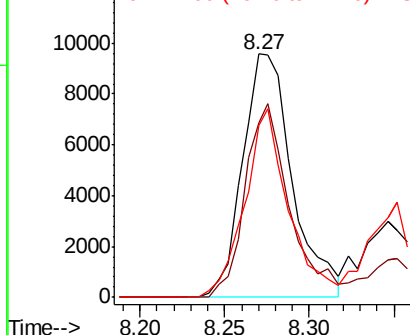
79 100

108 71.8 57.3 85.9

77 70.5 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: 41.919 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

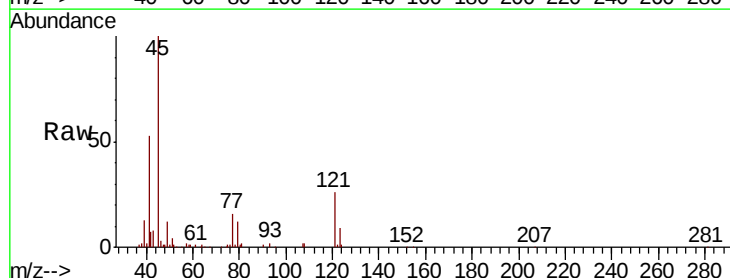
Tgt Ion: 45 Resp: 133199

Ion Ratio Lower Upper

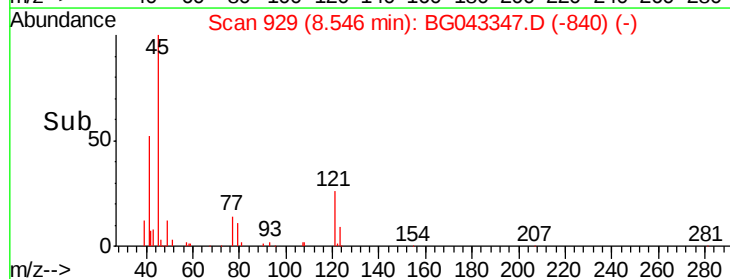
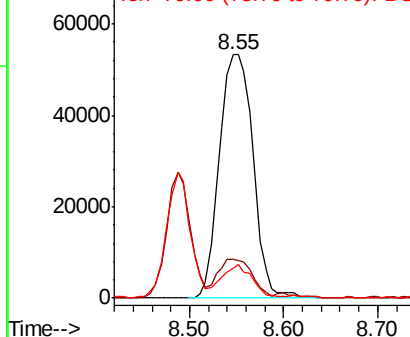
45 100

77 15.7 0.0 34.2

79 12.4 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: 46.243 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

Tot Ion:107 Resp: 95284

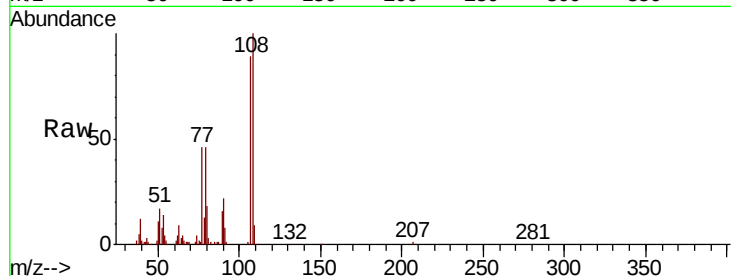
Ion Ratio Lower Upper

107 100

108 113.0 91.3 136.9

77 51.7 43.0 64.6

79 51.8 43.4 65.2

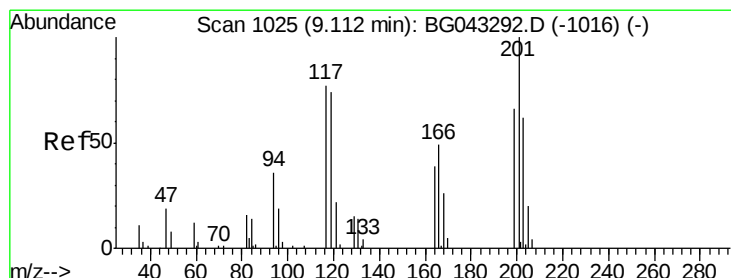
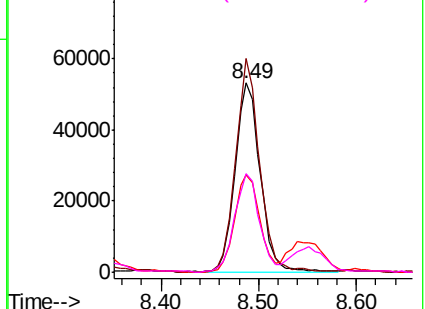
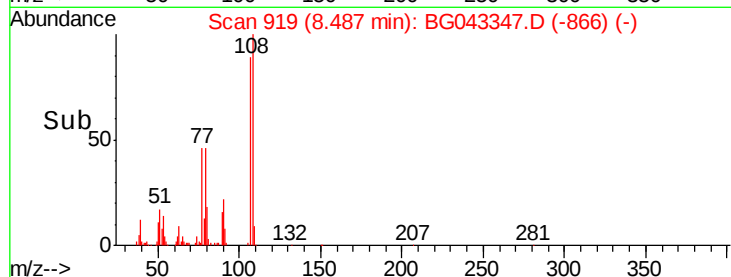


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.054 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

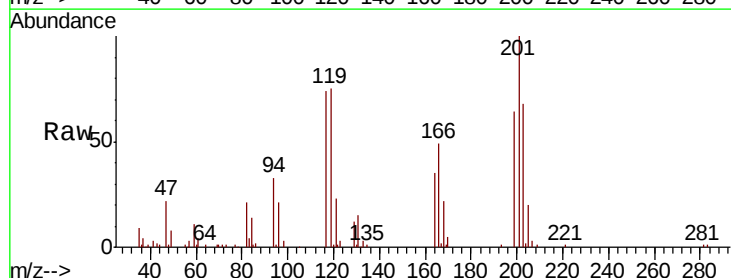
Tgt Ion:117 Resp: 43474

Ion Ratio Lower Upper

117 100

119 100.7 77.3 115.9

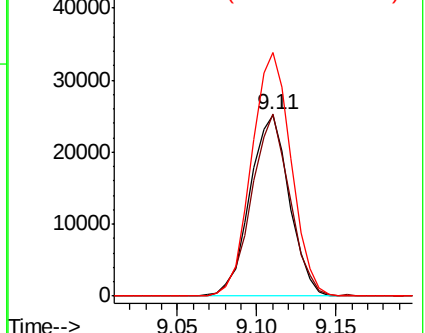
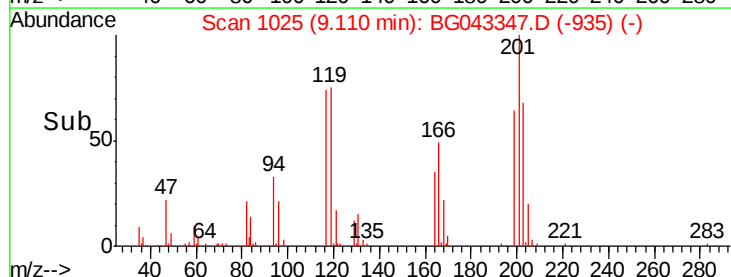
201 134.6 104.2 156.4

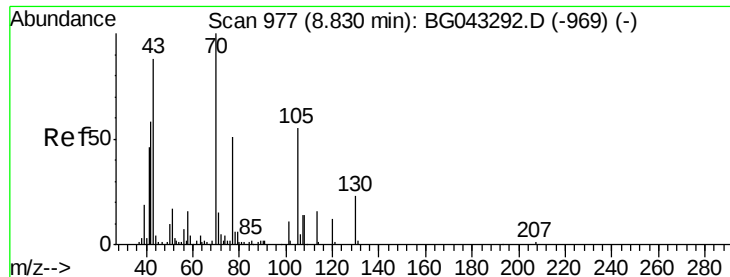


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

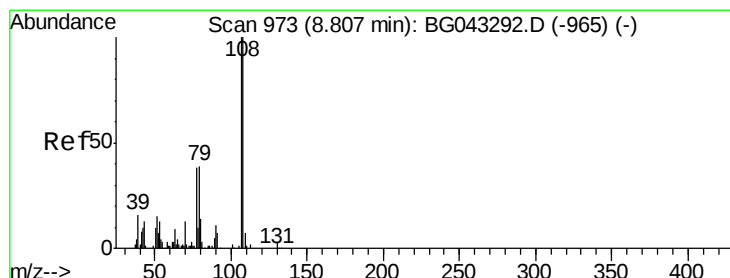
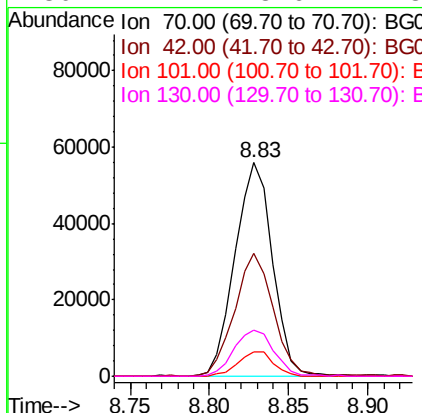
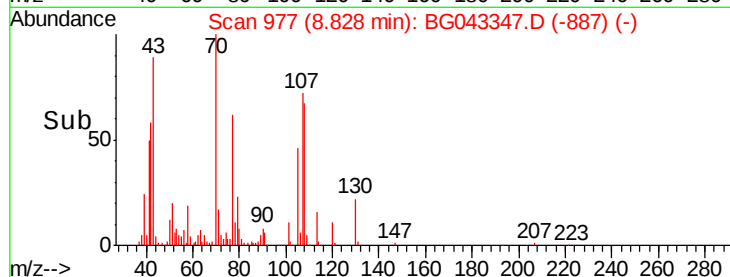
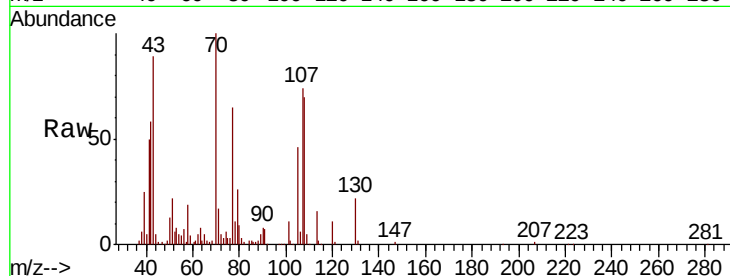




#19
n-Nitroso-di-n-propylamine
Concen: 45.864 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

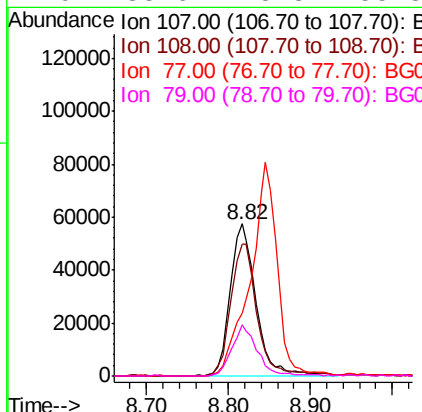
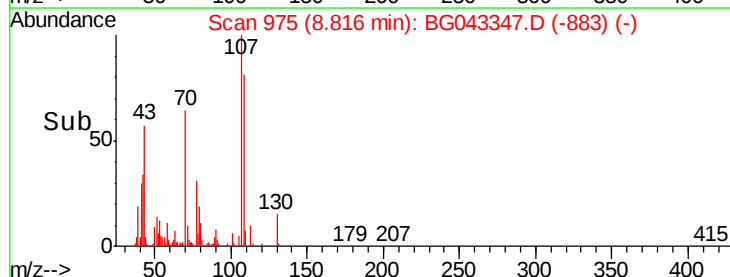
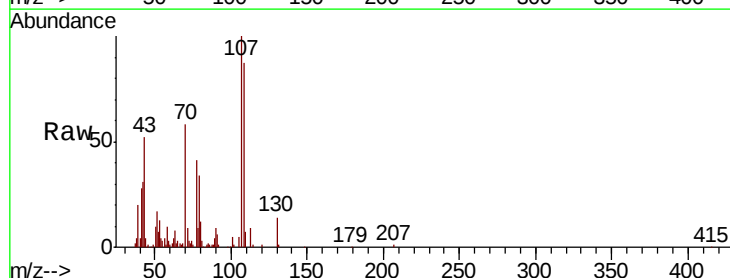
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

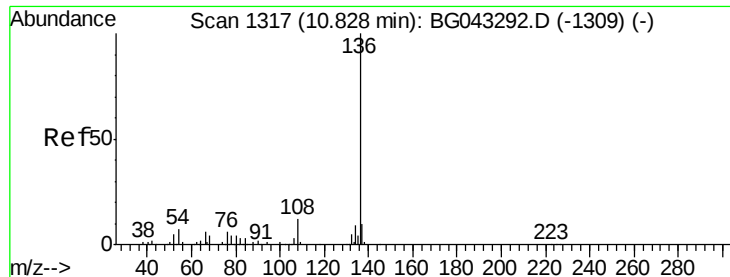
Tot Ion:	70	Resp:	91669
Ion	Ratio	Lower	Upper
70	100		
42	57.8	46.2	69.2
101	11.2	8.6	13.0
130	21.7	18.6	27.8



#20
3+4-Methylphenols
Concen: 44.718 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:	107	Resp:	126349
Ion	Ratio	Lower	Upper
107	100		
108	86.9	80.3	120.3
77	41.2	18.2	58.2
79	33.6	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

Tot Ion:136 Resp: 150629

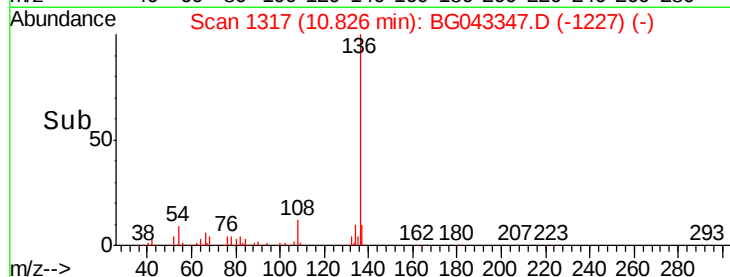
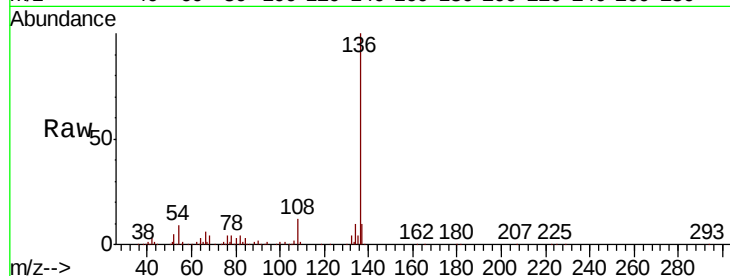
Ion Ratio Lower Upper

136 100

137 10.0 8.2 12.2

54 8.6 5.4 8.2#

68 3.8 3.3 4.9

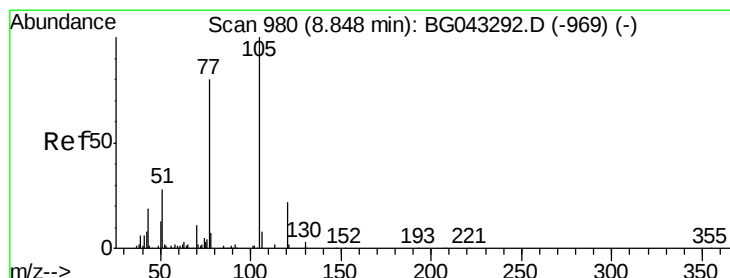
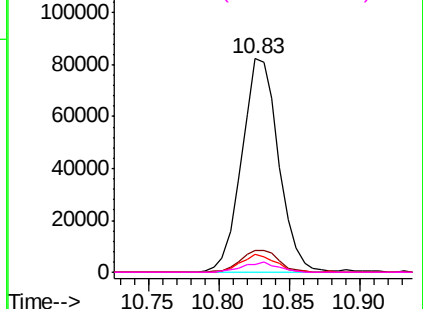


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.282 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:105 Resp: 174672

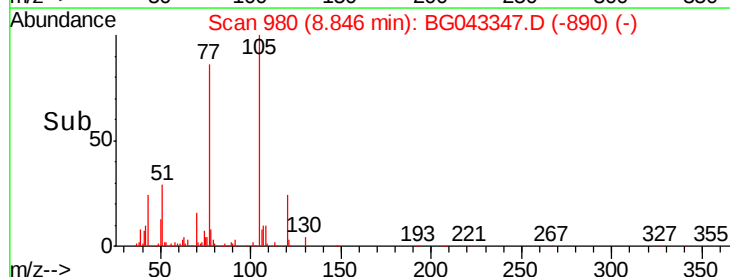
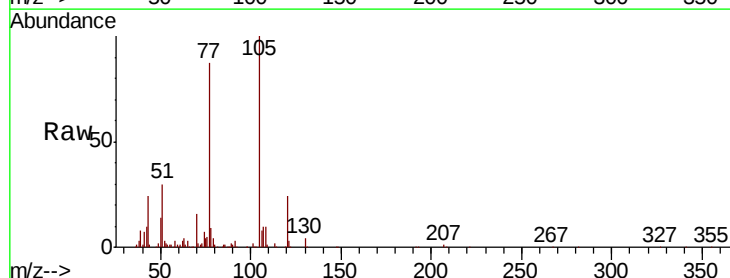
Ion Ratio Lower Upper

105 100

71 2.3 1.5 2.3#

51 30.0 23.9 35.9

120 24.0 17.3 25.9

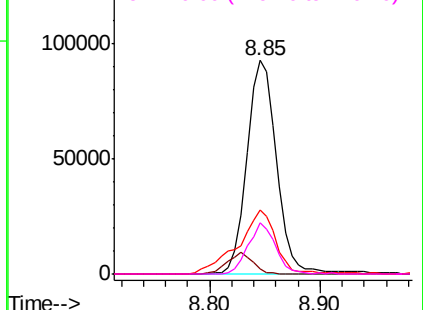


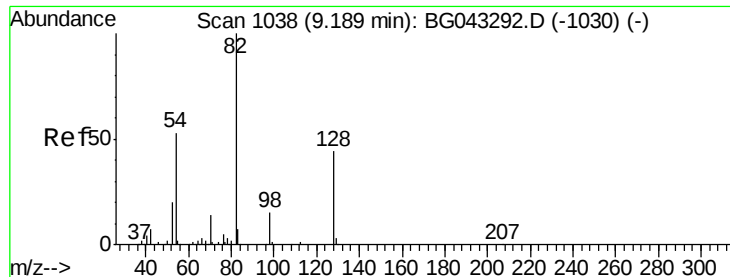
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

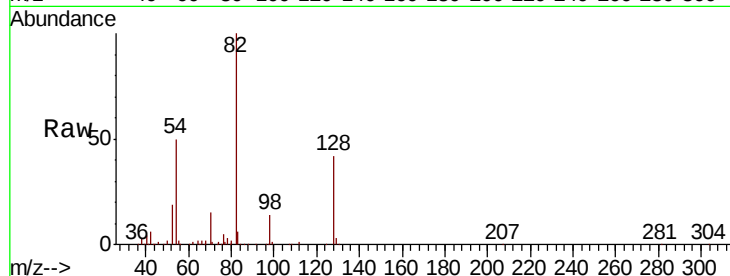




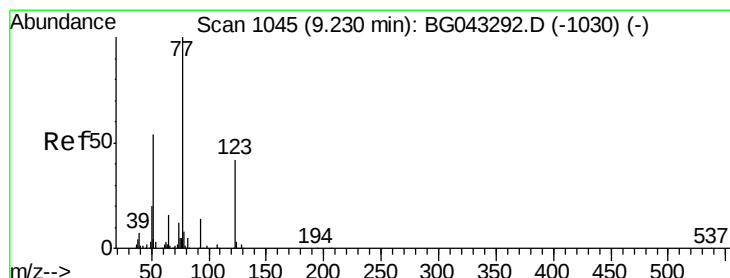
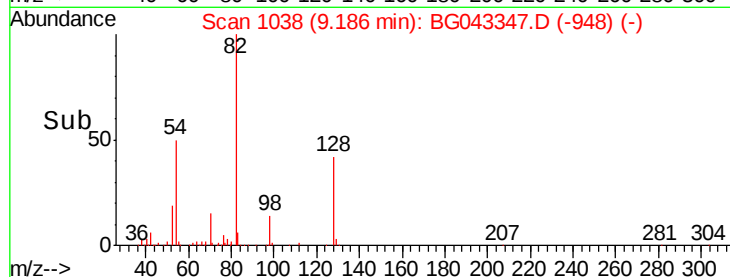
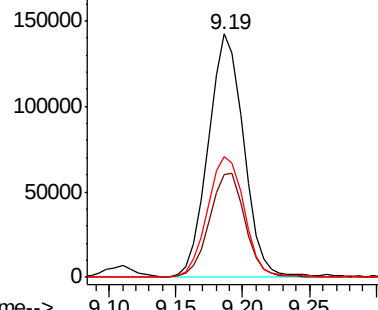
#23
Nitrobenzene-d5
Concen: 89.143 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	82	Resp	260452
Ion Ratio	Lower	Upper	
82	100		
128	42.3	35.3	52.9
54	49.7	42.3	63.5

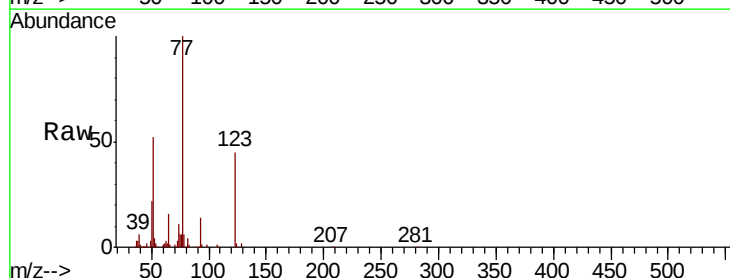


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

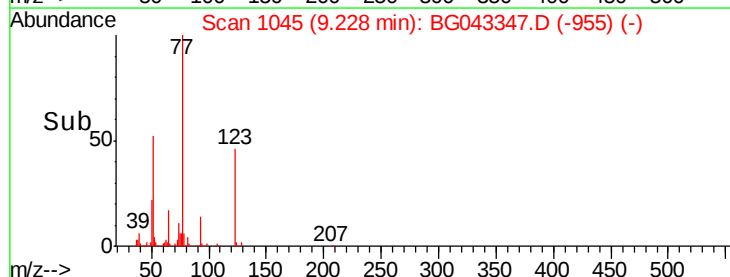
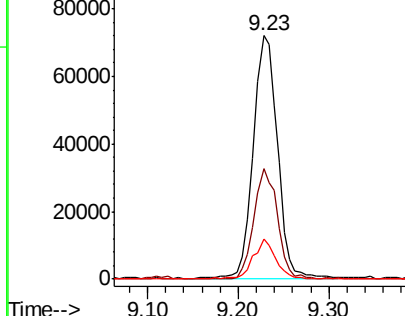


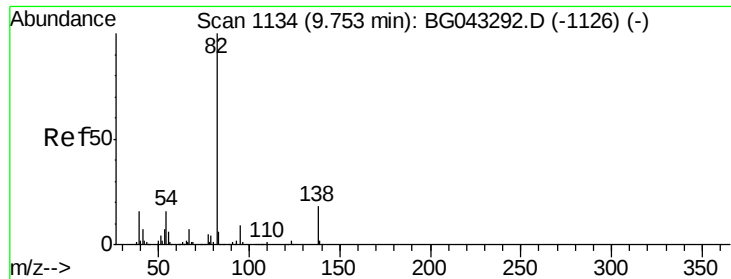
#24
Nitrobenzene
Concen: 48.626 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	77	Resp	135341
Ion Ratio	Lower	Upper	
77	100		
123	45.4	33.8	50.8
65	16.5	13.0	19.4



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

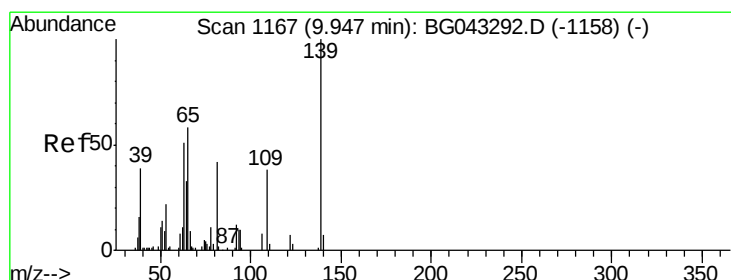
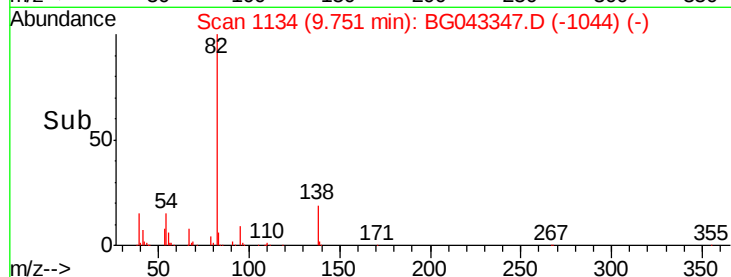
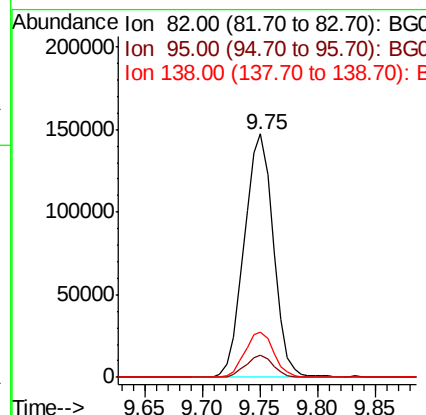
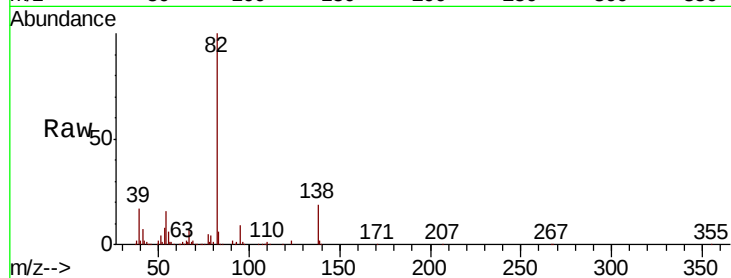




#25
Isophorone
Concen: 48.455 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

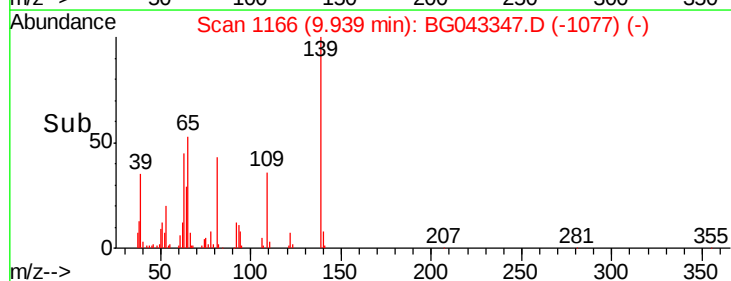
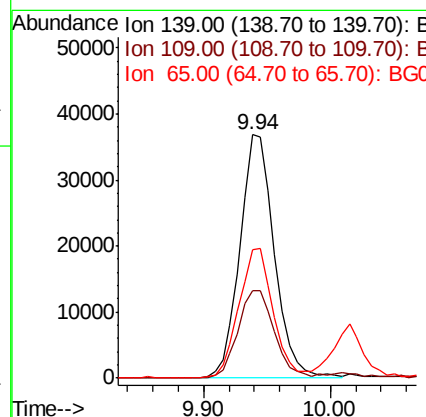
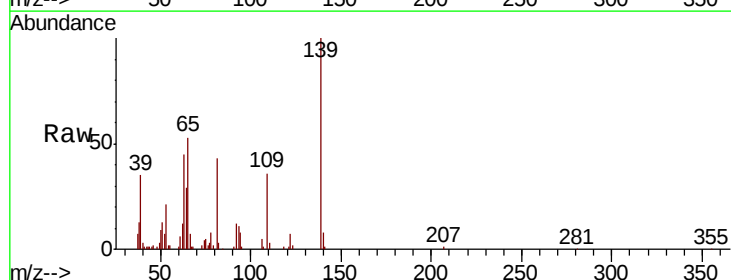
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

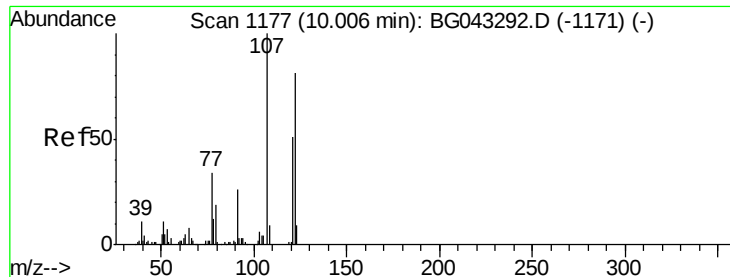
Tot Ion	82	Resp	258834
Ion Ratio	Lower	Upper	
82	100		
95	9.1	6.9	10.3
138	18.6	14.2	21.2



#26
2-Nitrophenol
Concen: 51.714 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	139	Resp	69489
Ion Ratio	Lower	Upper	
139	100		
109	36.0	30.1	45.1
65	52.7	46.1	69.1

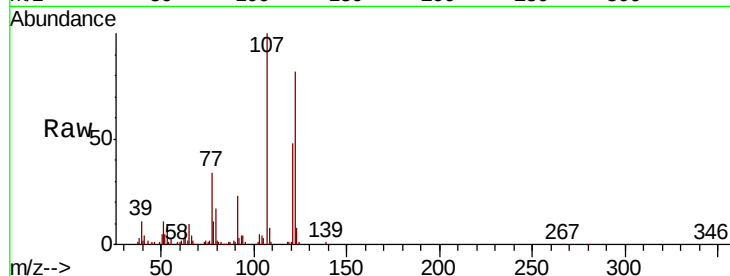




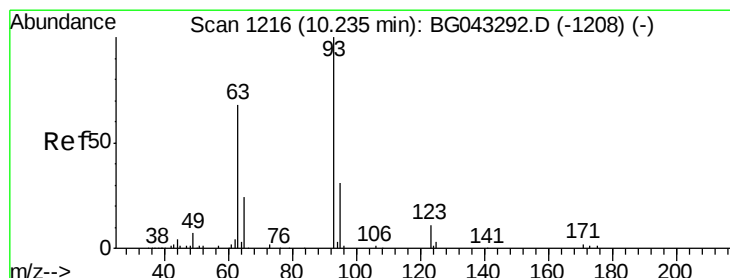
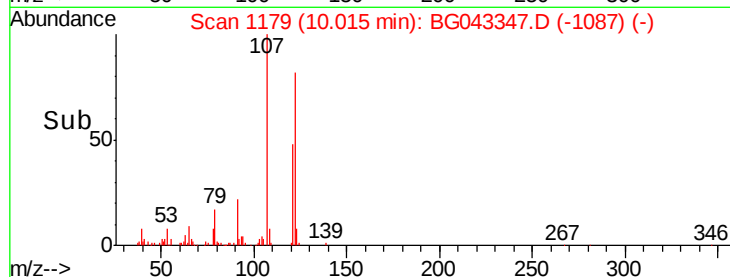
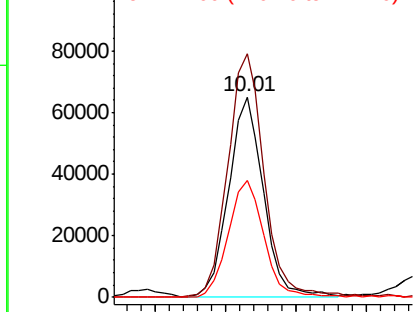
#27
2,4-Dimethylphenol
Concen: 57.575 ng
RT: 10.01 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion:122 Resp: 110884
Ion Ratio Lower Upper
122 100
107 121.5 98.6 147.8
121 58.4 50.1 75.1

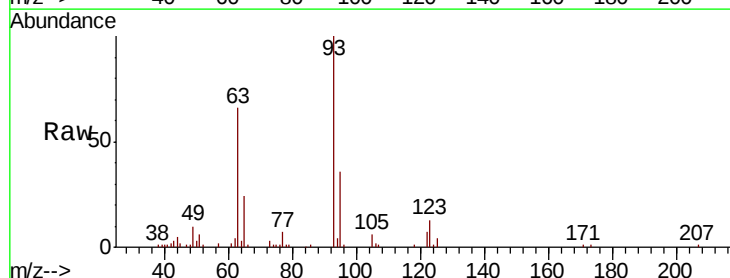


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

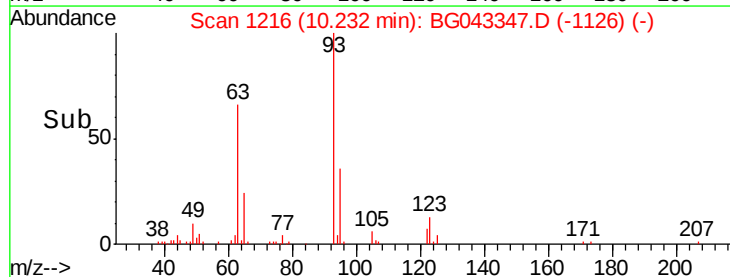
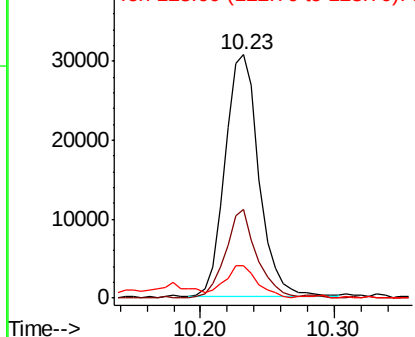


#28
bis(2-Chloroethoxy)methane
Concen: 18.374 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion: 93 Resp: 54171
Ion Ratio Lower Upper
93 100
95 36.4 24.9 37.3
123 13.1 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: 54.939 ng

RT: 10.49 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

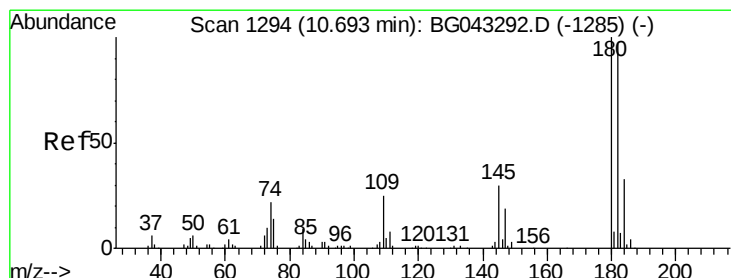
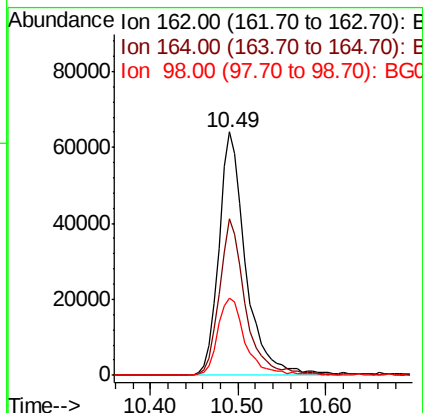
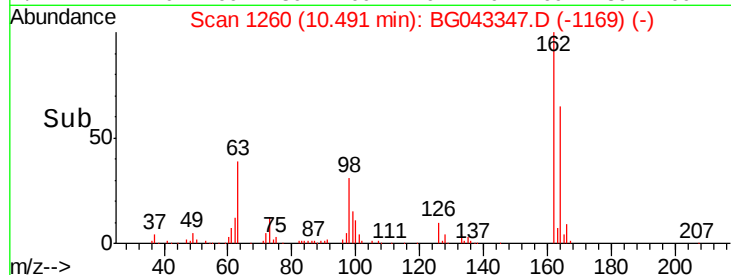
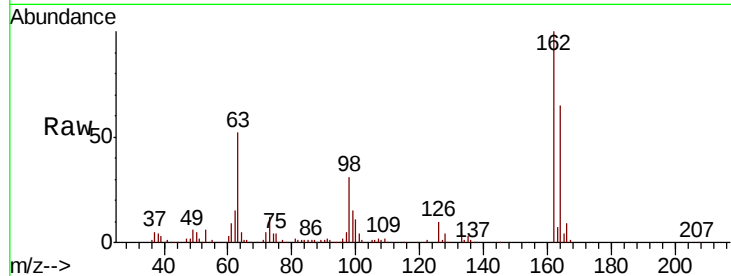
Tot Ion:162 Resp: 135568

Ion Ratio Lower Upper

162 100

164 64.5 37.3 77.3

98 31.5 11.8 51.8



#30

1,2,4-Trichlorobenzene

Concen: 45.015 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

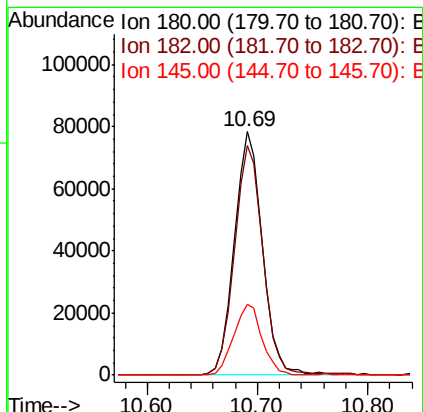
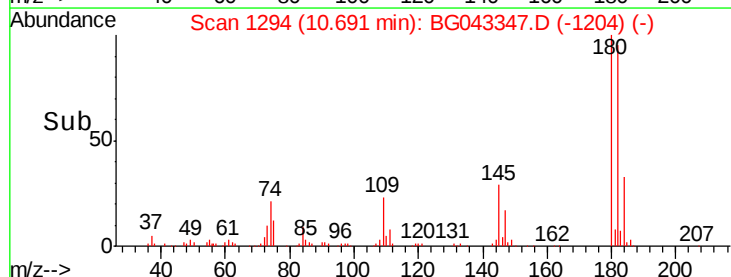
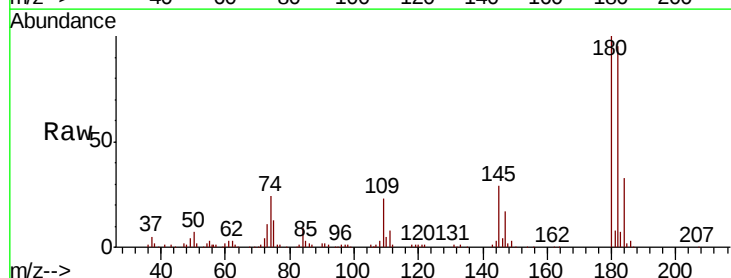
Tgt Ion:180 Resp: 140003

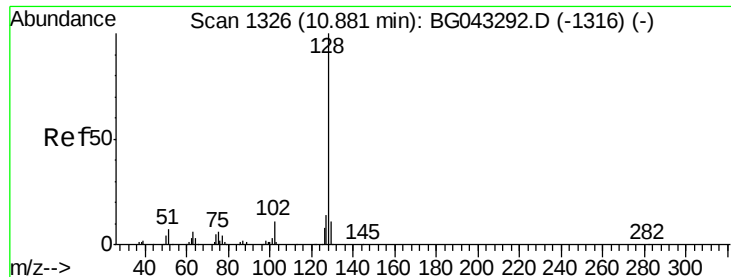
Ion Ratio Lower Upper

180 100

182 94.5 77.8 116.8

145 29.2 23.6 35.4

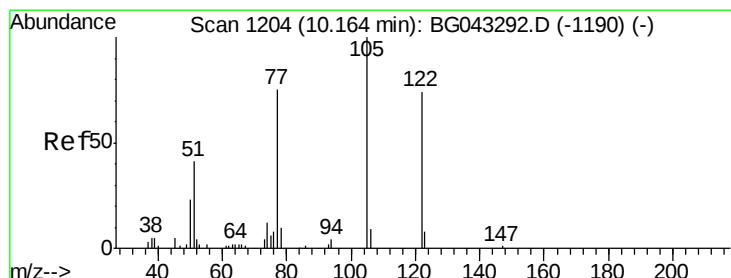
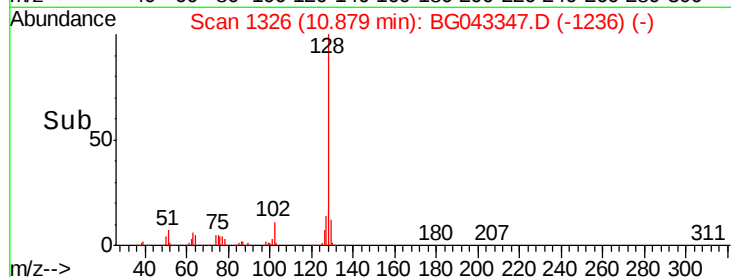
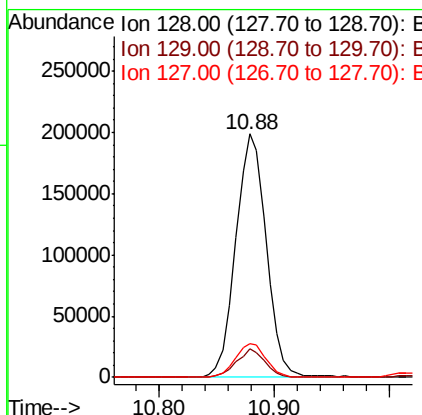
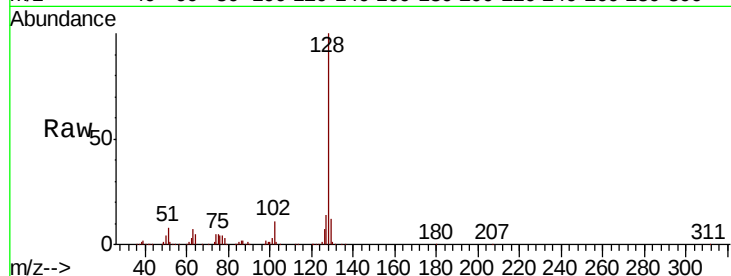




#31
Naphthalene
Concen: 47.636 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

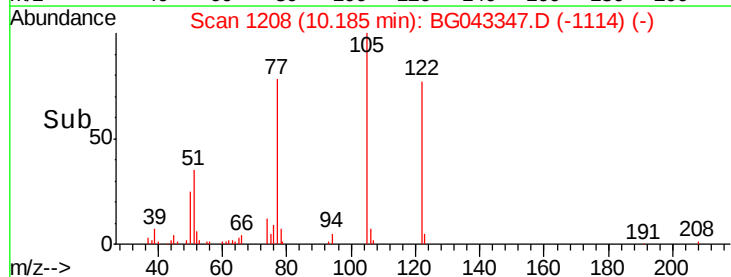
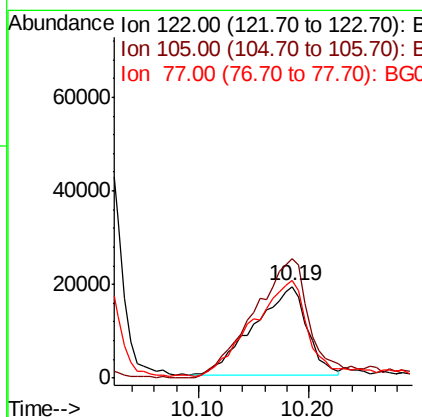
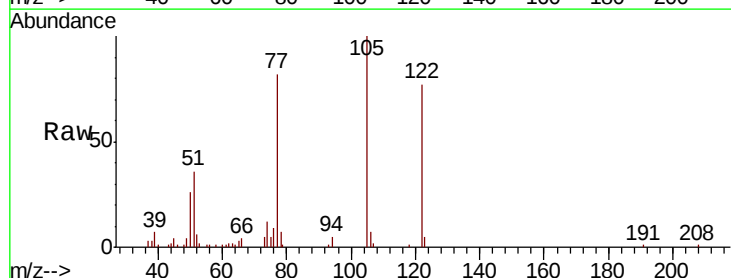
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	13.8	11.5	17.3



#32
Benzoic acid
Concen: 43.997 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.5	112.4	152.4
77	107.4	82.7	122.7

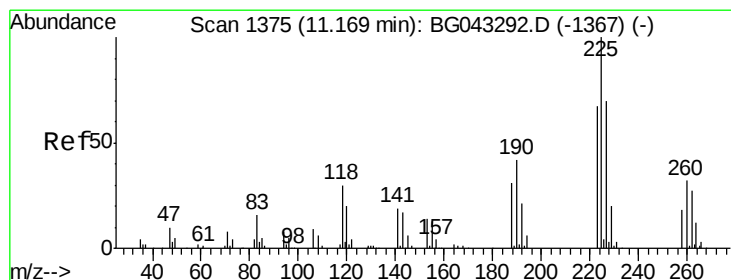
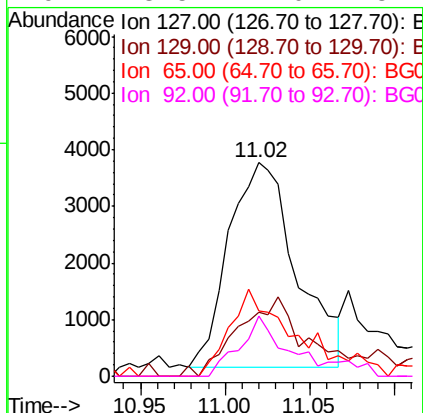
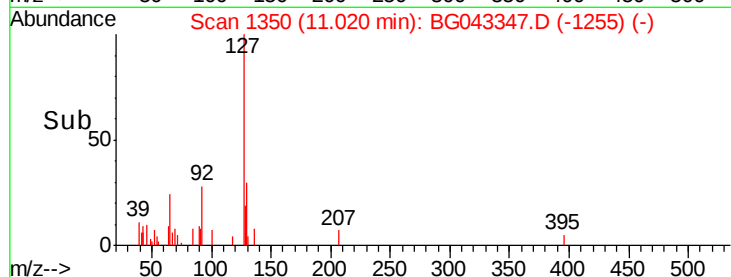
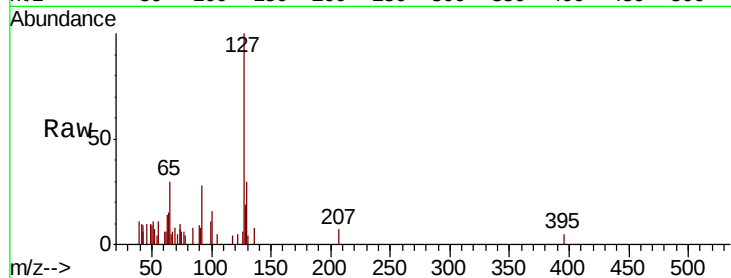




#33
4-Chloroaniline
Concen: 3.238 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

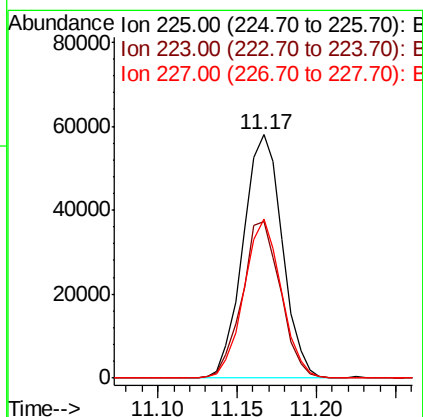
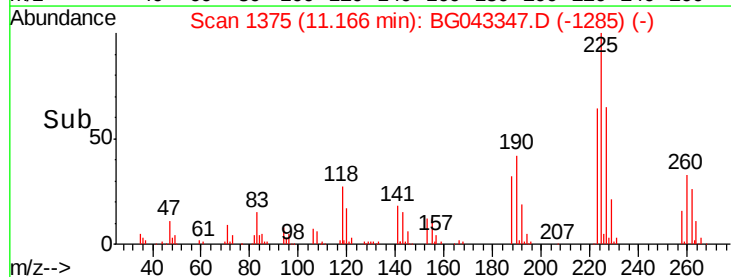
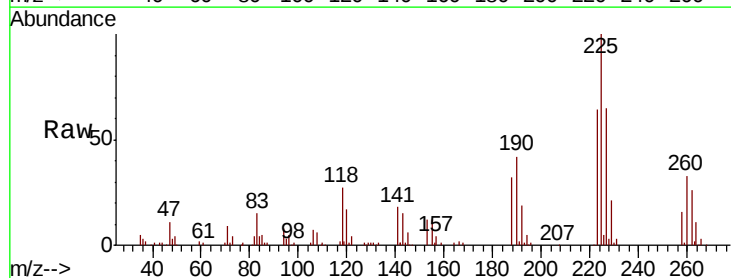
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

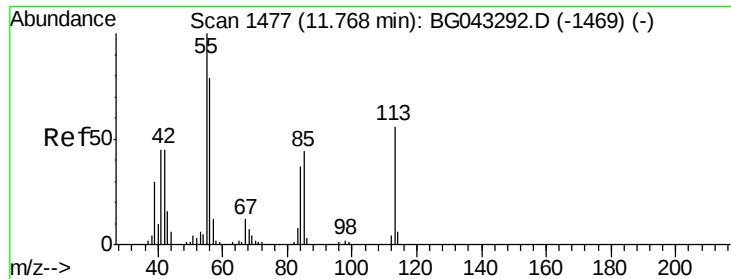
Tot Ion:127	Resp:	10149
Ion	Ratio	Lower Upper
127	100	
129	29.8	25.8 38.8
65	30.3	26.2 39.2
92	28.5	17.0 25.4



#34
Hexachlorobutadiene
Concen: 43.425 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:225	Resp:	99838
Ion	Ratio	Lower Upper
225	100	
223	64.5	53.2 79.8
227	65.3	56.2 84.2





#35

Caprolactam

Concen: 48.748 ng

RT: 11.78 min Scan# 1480

Delta R.T. 0.02 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

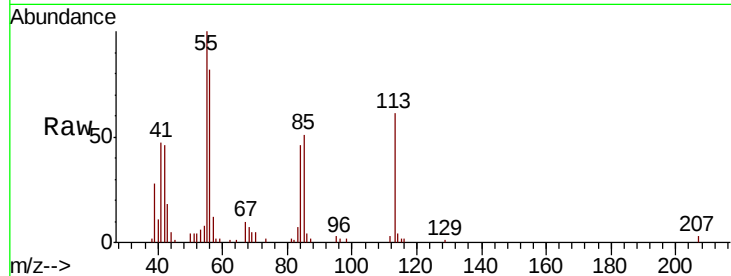
Tot Ion:113 Resp: 41429

Ion Ratio Lower Upper

113 100

55 164.6 158.9 198.9

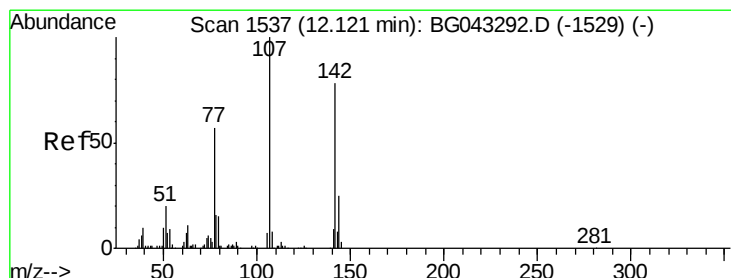
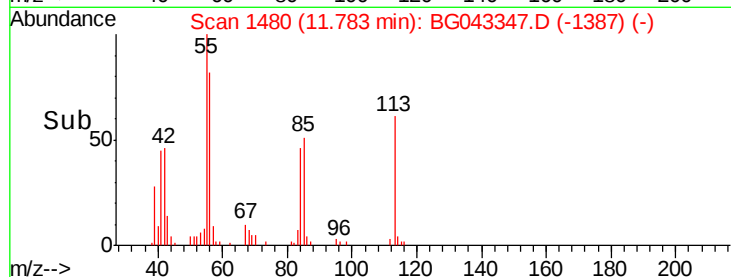
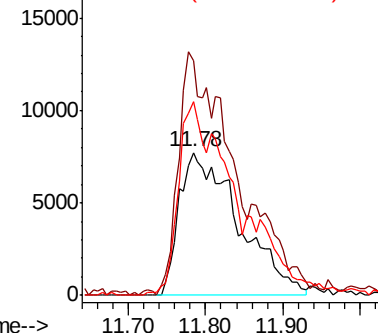
56 135.8 121.4 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043292.D (-1469) (-)

Ion 56.00 (55.70 to 56.70): BG043292.D (-1469) (-)



#36

4-Chloro-3-methylphenol

Concen: 54.208 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.02 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

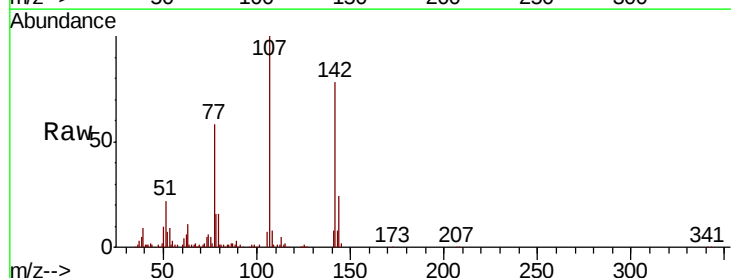
Tgt Ion:107 Resp: 145911

Ion Ratio Lower Upper

107 100

144 23.6 19.9 29.9

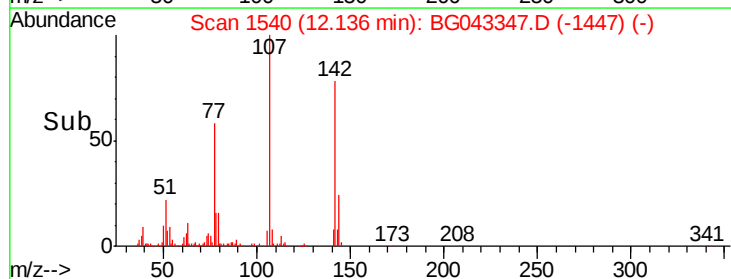
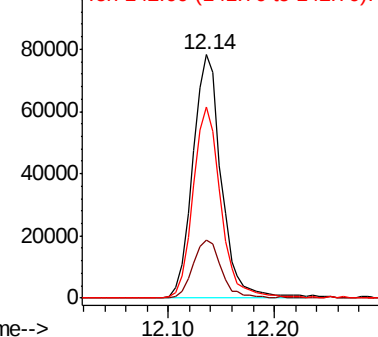
142 78.3 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

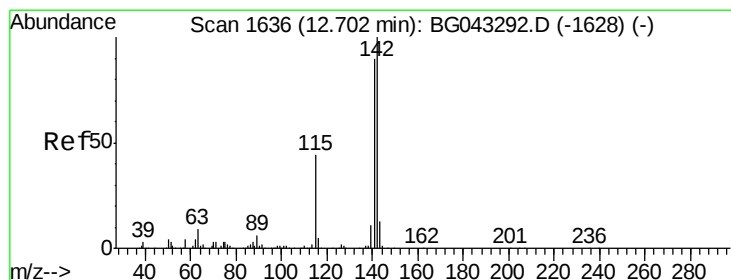
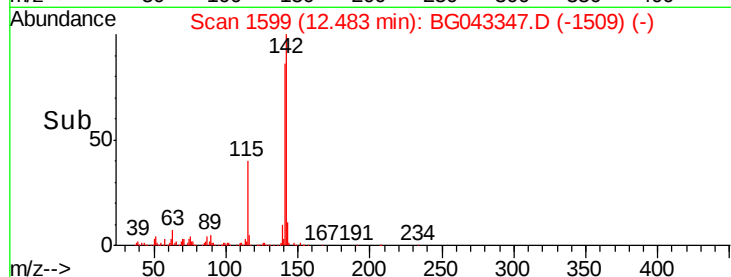
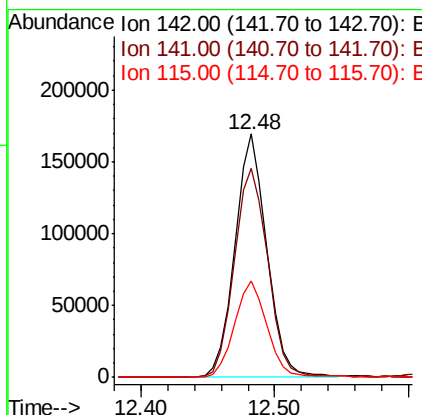
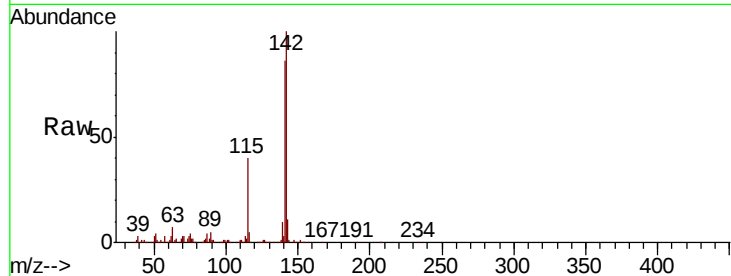




#37
2-Methylnaphthalene
Concen: 47.934 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

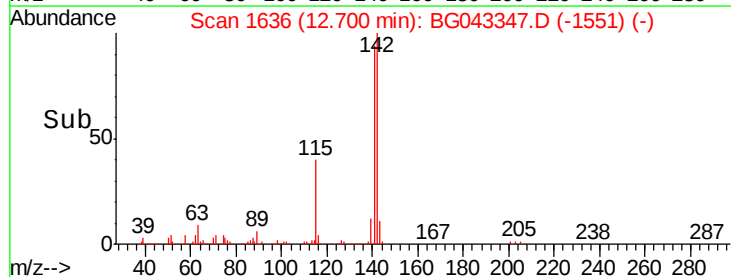
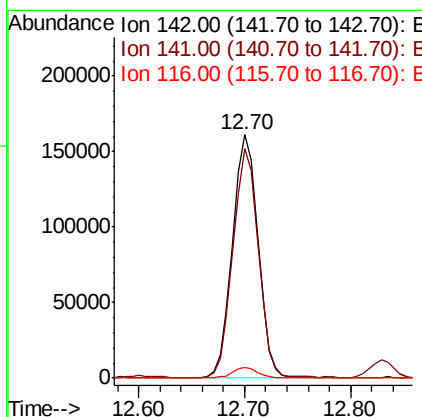
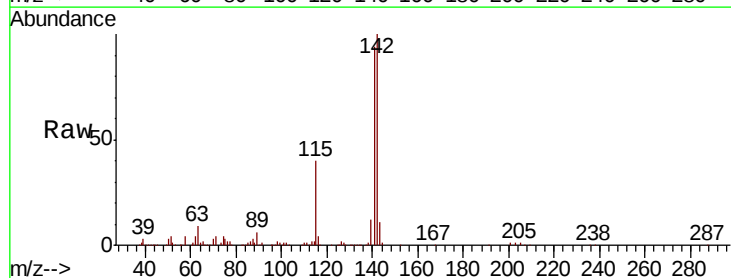
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

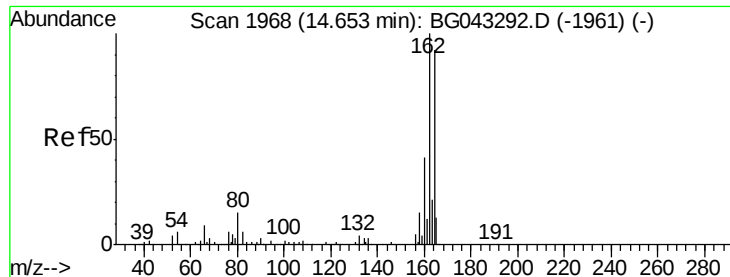
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	69.7	104.5
115	39.8	30.6	46.0



#38
1-Methylnaphthalene
Concen: 48.174 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	72.3	108.5
116	4.2	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

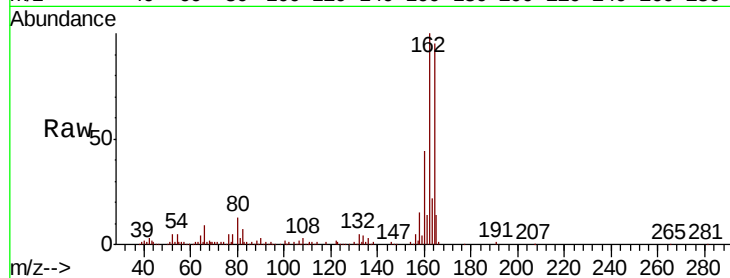
Tot Ion:164 Resp: 104566

Ion Ratio Lower Upper

164 100

162 105.7 87.0 130.4

160 46.1 35.5 53.3

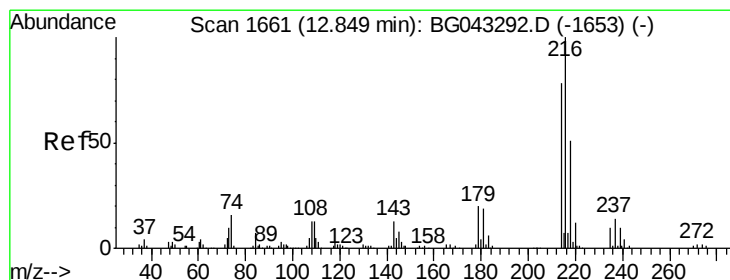
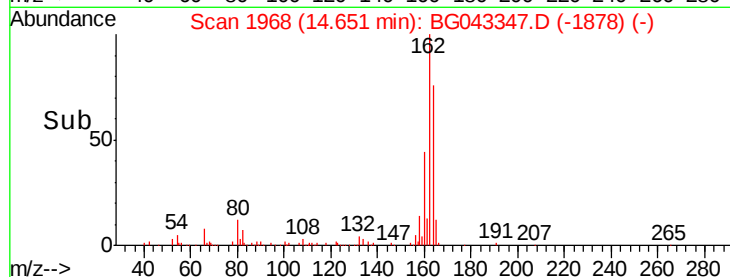
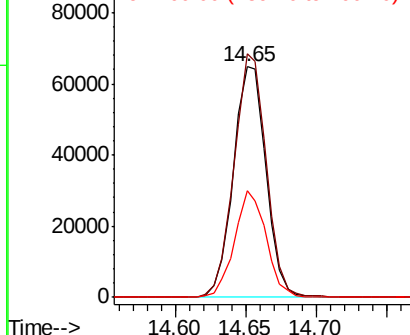


Abundance

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: 46.921 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:216 Resp: 181578

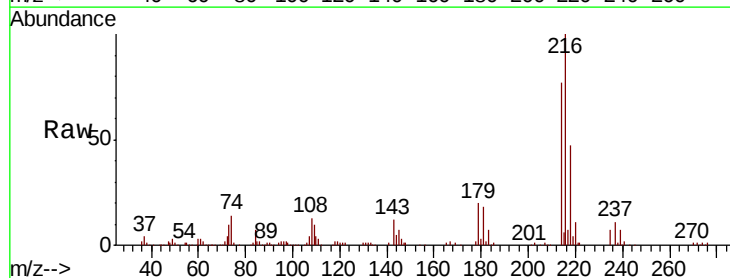
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 20.2 16.2 24.2

108 15.9 11.2 16.8



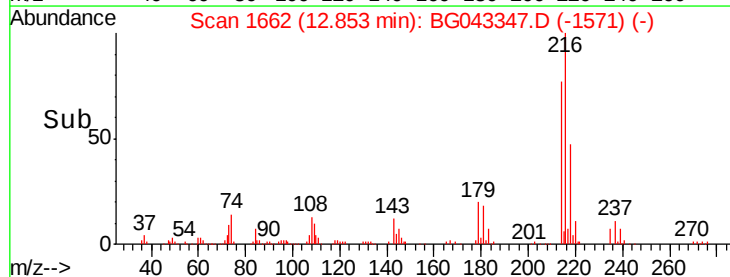
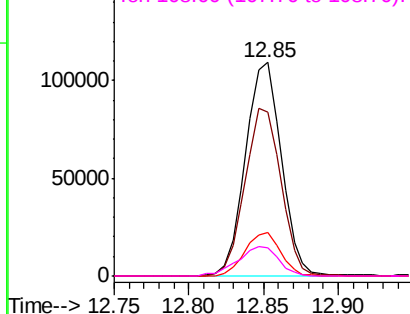
Abundance

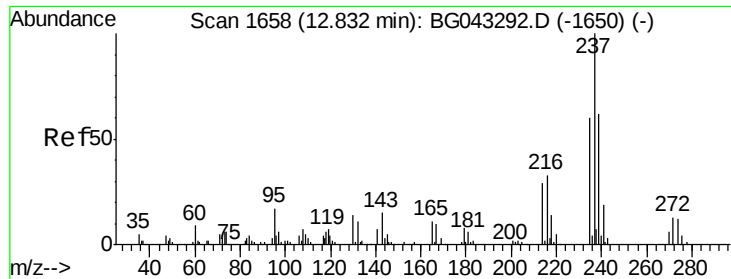
Ion 216.00 (215.70 to 216.70): E

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: 91.283 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

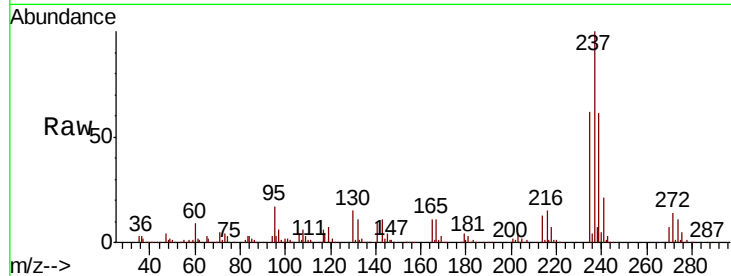
Tot Ion:237 Resp: 185564

Ion Ratio Lower Upper

237 100

235 61.7 40.3 80.3

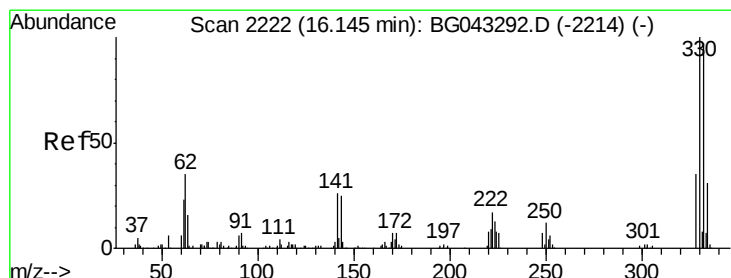
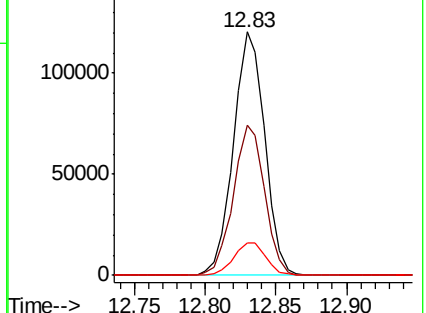
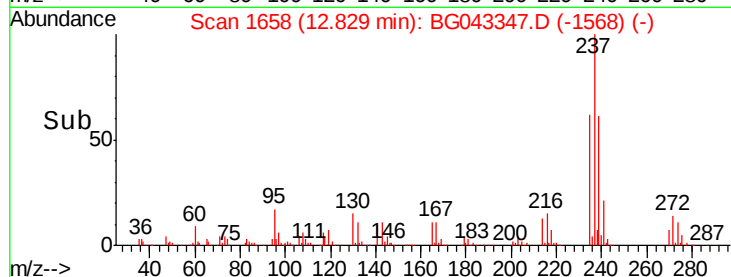
272 13.5 0.0 32.9



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: 151.481 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

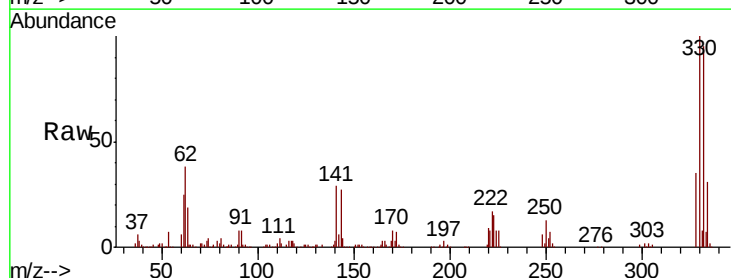
Tgt Ion:330 Resp: 301431

Ion Ratio Lower Upper

330 100

332 96.6 76.4 114.6

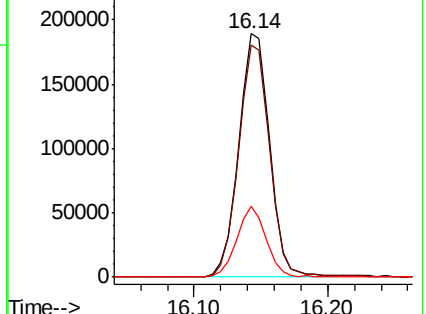
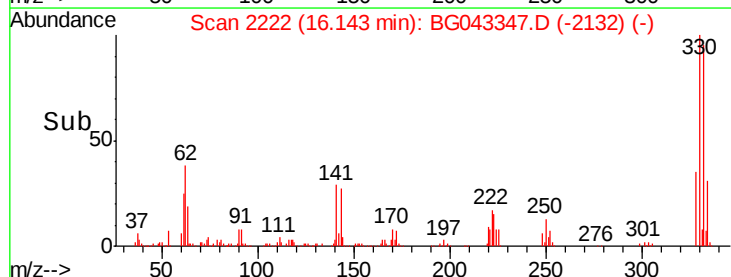
141 27.8 21.4 32.0

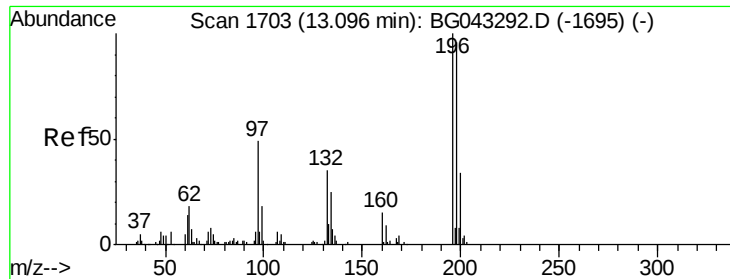


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

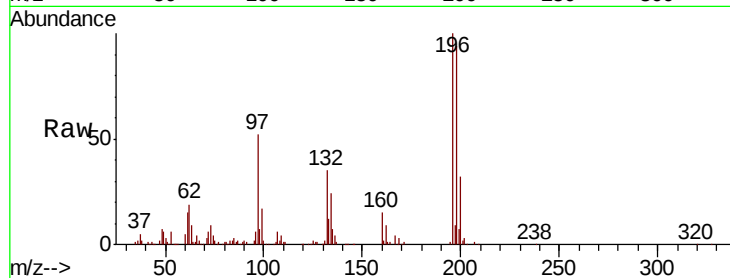




#43
 2,4,6-Trichlorophenol
 Concen: 55.516 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	77.0	115.4
200	31.7	27.4	41.2

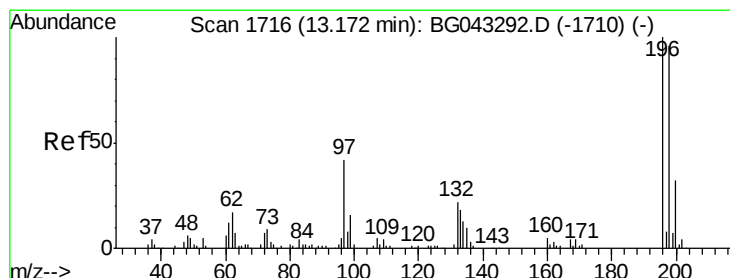
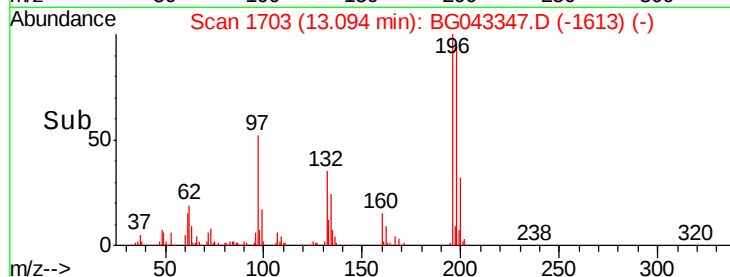
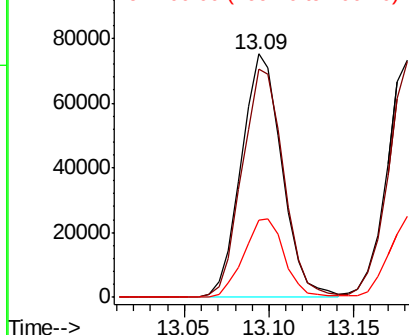


Abundance

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: 60.626 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	76.6	114.8
97	43.8	34.1	51.1
132	22.6	18.2	27.4

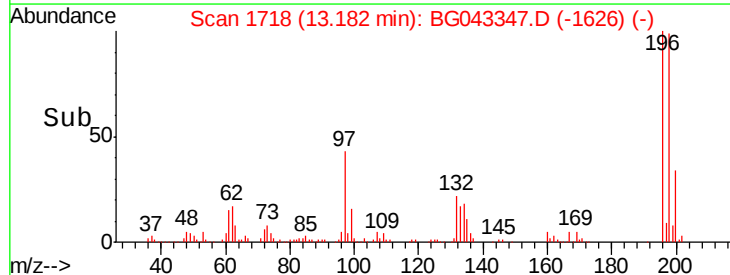
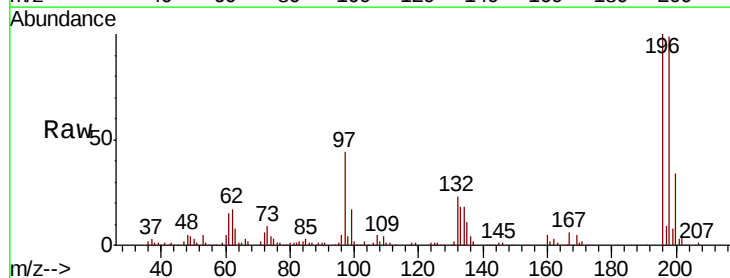
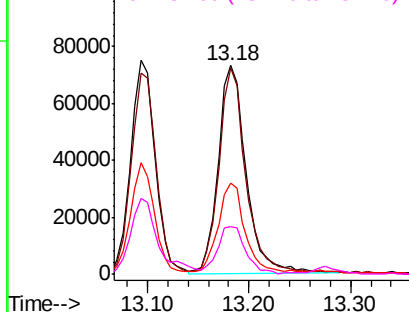
Abundance

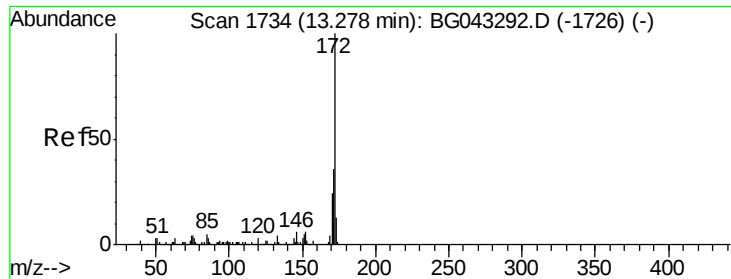
Ion 196.00 (195.70 to 196.70): E

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

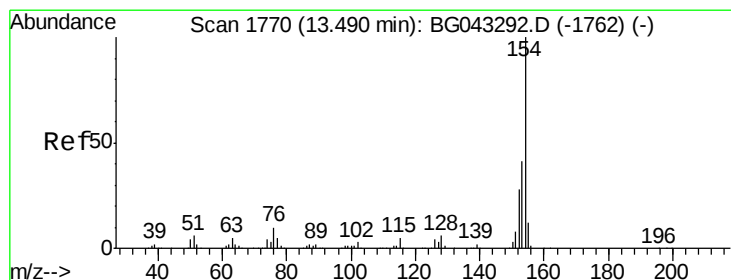
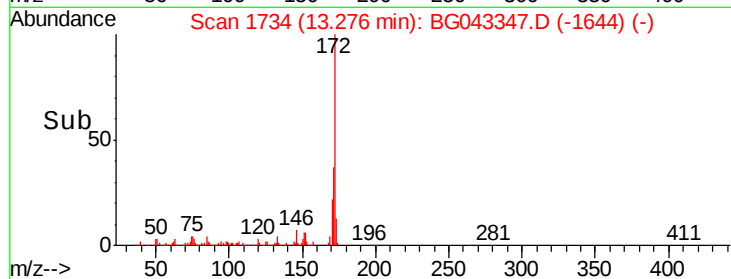
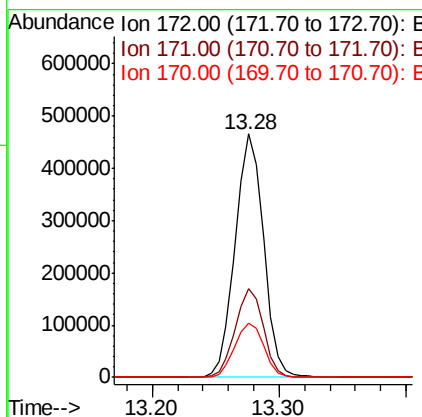
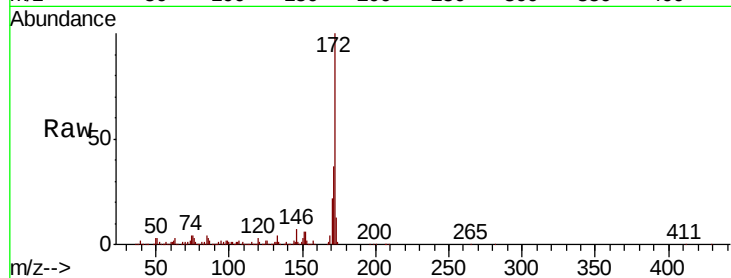




#45
2-Fluorobiphenyl
Concen: 95.431 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

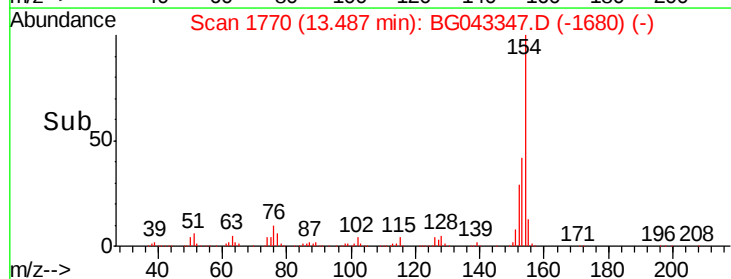
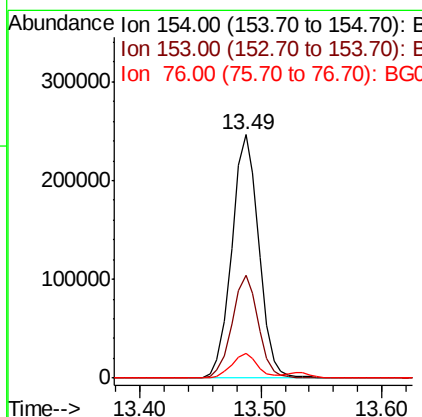
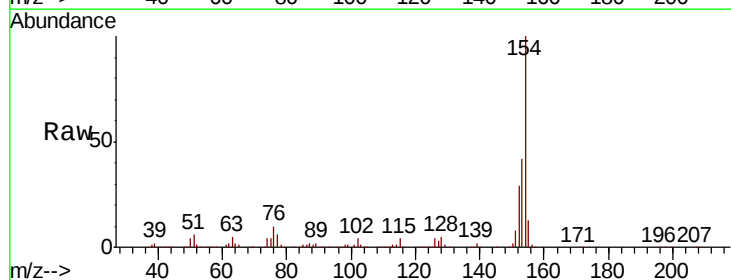
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

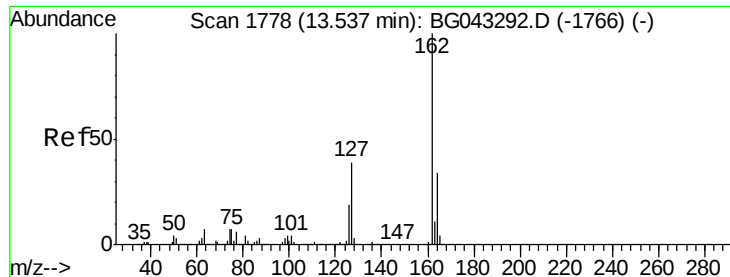
Tot Ion:172	Resp:	722160
Ion	Ratio	Lower Upper
172	100	
171	36.5	28.5 42.7
170	22.4	18.8 28.2



#46
1,1'-Biphenyl
Concen: 48.473 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:154	Resp:	385592
Ion	Ratio	Lower Upper
154	100	
153	42.1	21.0 61.0
76	10.4	0.0 29.8

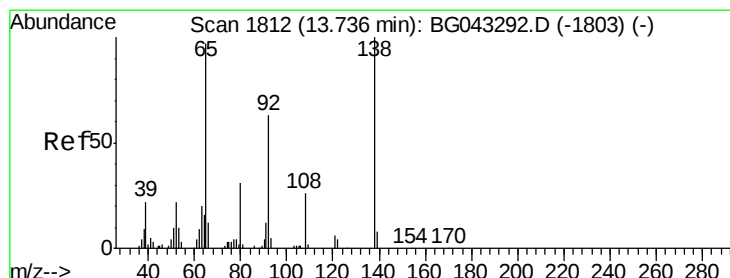
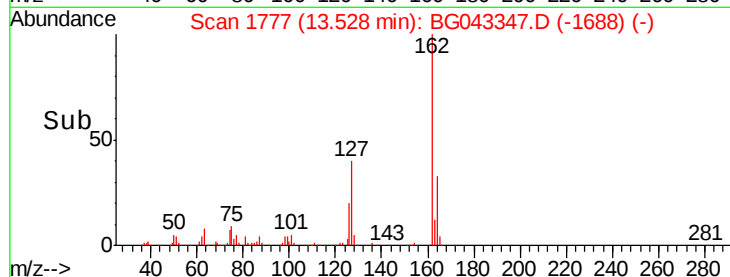
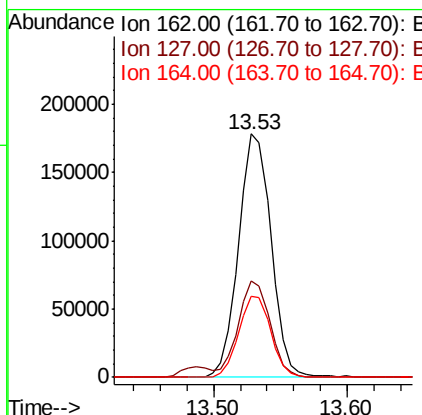
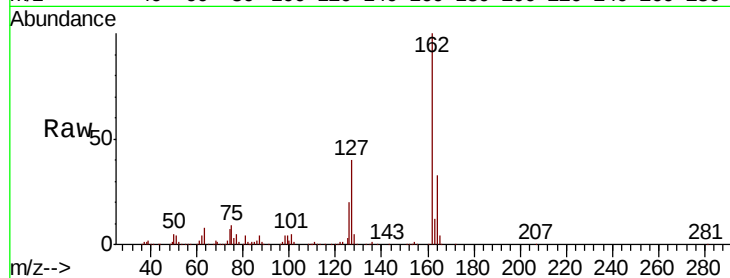




#47
 2-Chloronaphthalene
 Concen: 49.758 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

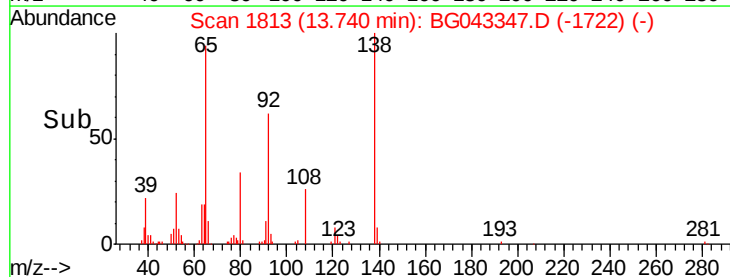
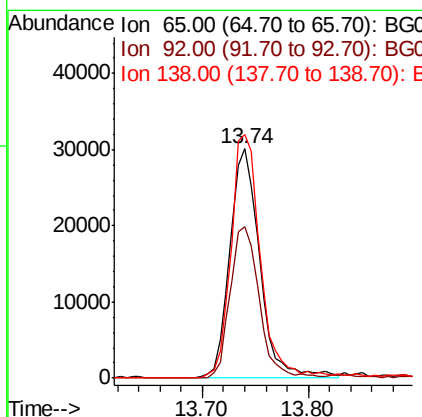
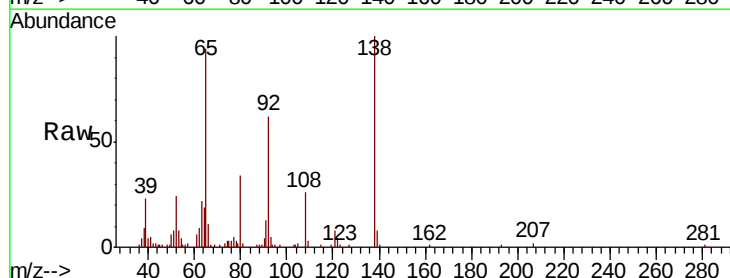
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

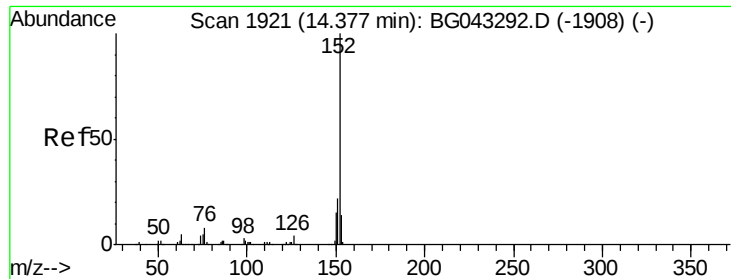
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.3	46.9
164	33.1	26.8	40.2



#48
 2-Nitroaniline
 Concen: 32.657 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	52.6	79.0
138	106.1	82.9	124.3





#49

Acenaphthylene

Concen: 34.964 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

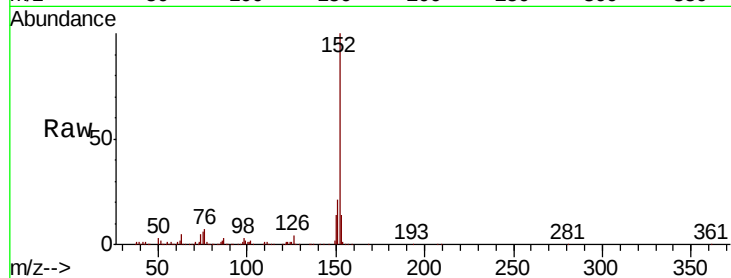
Tot Ion:152 Resp: 329356

Ion Ratio Lower Upper

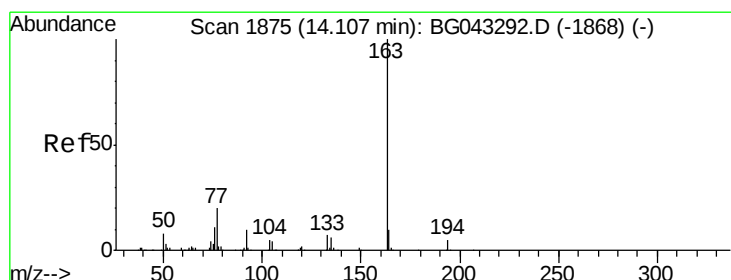
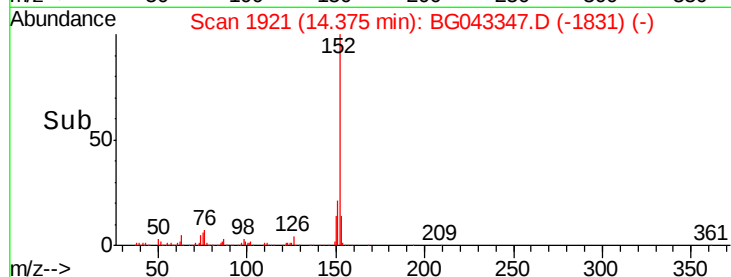
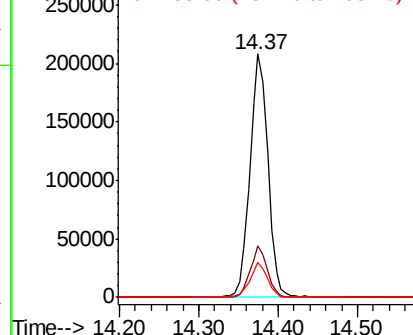
152 100

151 21.2 17.2 25.8

153 14.2 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: 61.869 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

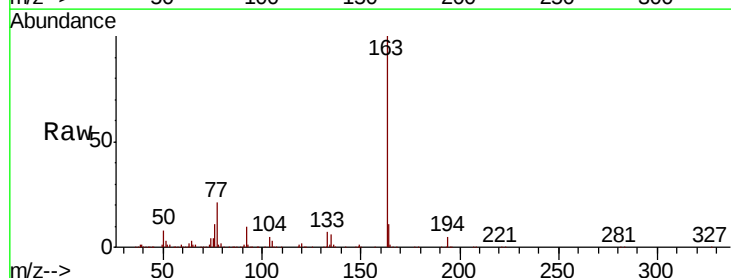
Tgt Ion:163 Resp: 501097

Ion Ratio Lower Upper

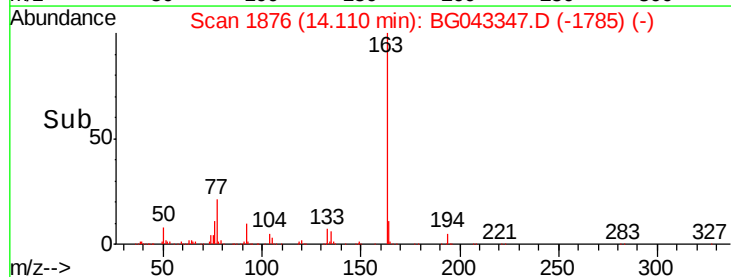
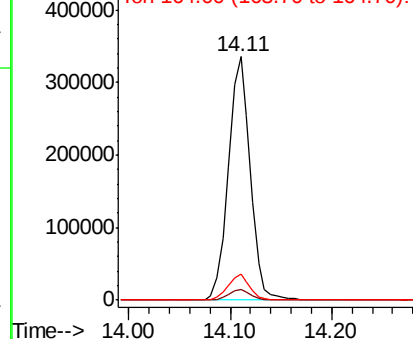
163 100

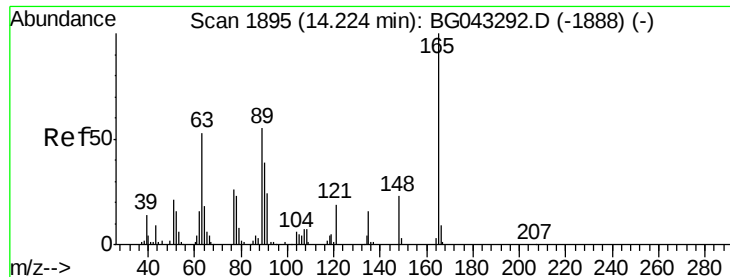
194 4.6 3.7 5.5

164 10.8 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

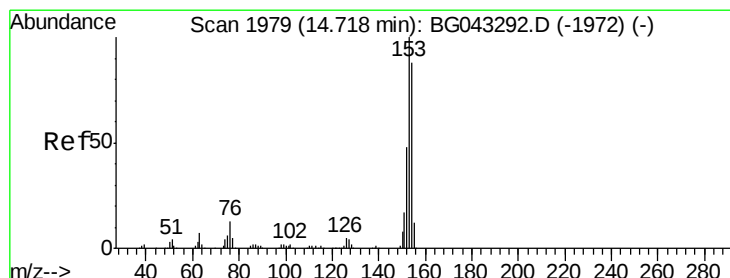
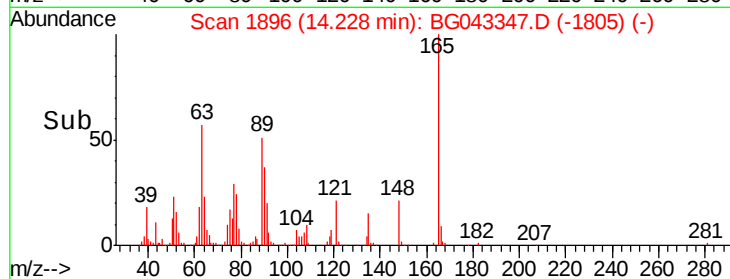
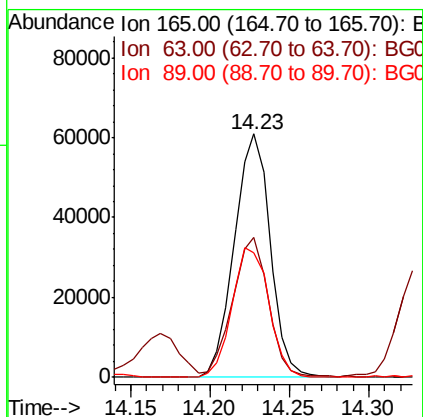
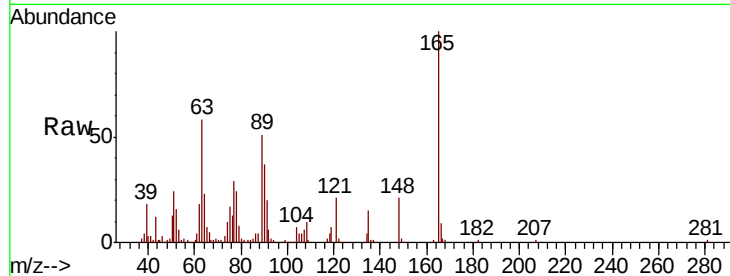




#51
2,6-Dinitrotoluene
Concen: 54.472 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

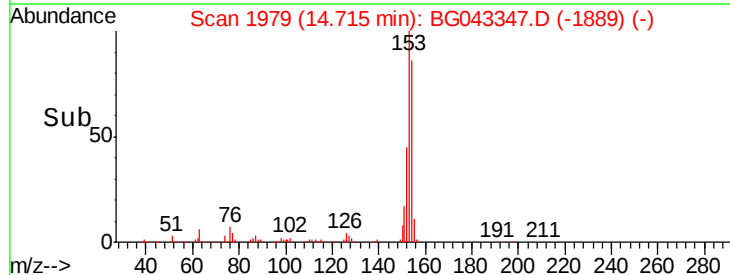
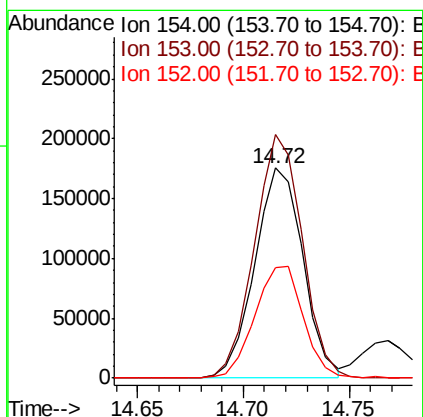
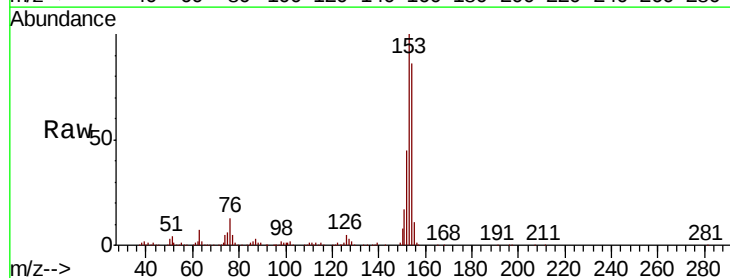
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

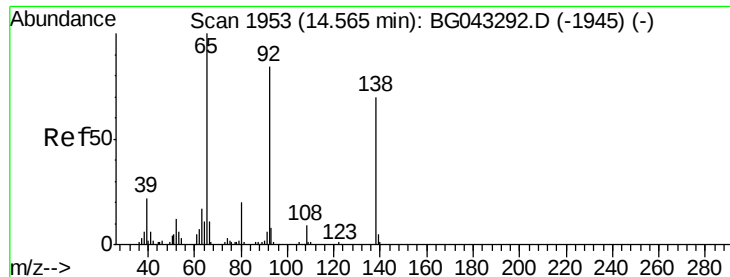
Tot Ion:165 Resp: 95847
Ion Ratio Lower Upper
165 100
63 57.5 47.1 70.7
89 51.4 43.7 65.5



#52
Acenaphthene
Concen: 48.603 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:154 Resp: 279206
Ion Ratio Lower Upper
154 100
153 115.9 90.9 136.3
152 52.6 43.9 65.9

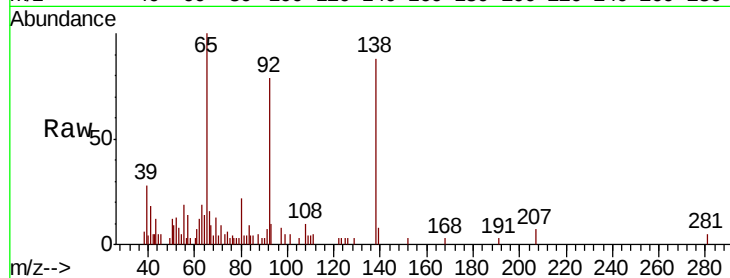




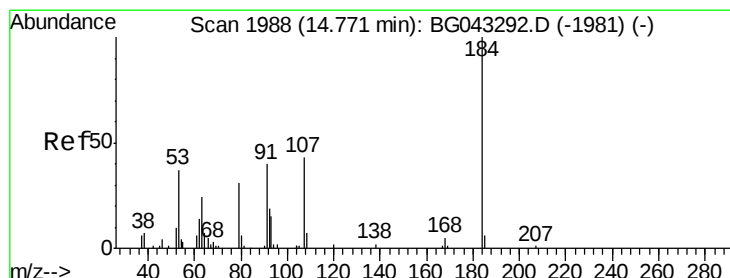
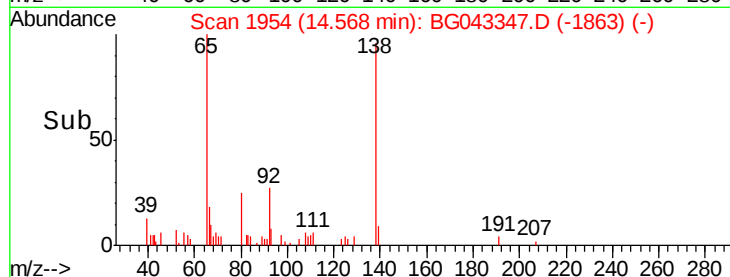
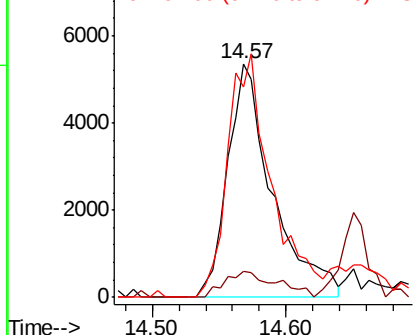
#53
3-Nitroaniline
Concen: 7.351 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion:138 Resp: 12488
Ion Ratio Lower Upper
138 100
108 11.0 9.8 14.6
92 89.9 95.8 143.6#

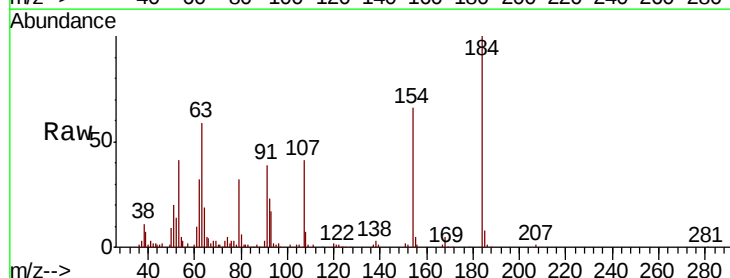


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

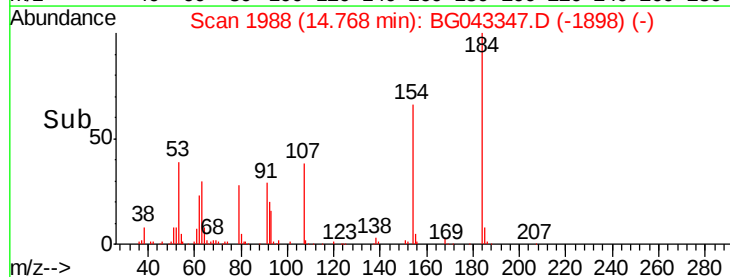
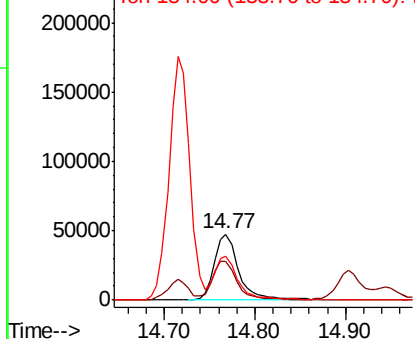


#54
2,4-Dinitrophenol
Concen: 81.834 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:184 Resp: 90118
Ion Ratio Lower Upper
184 100
63 58.5 48.8 73.2
154 66.1 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

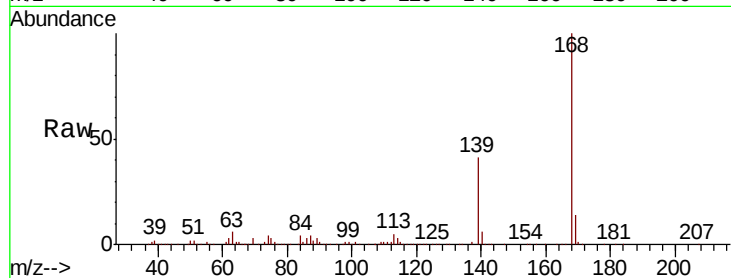




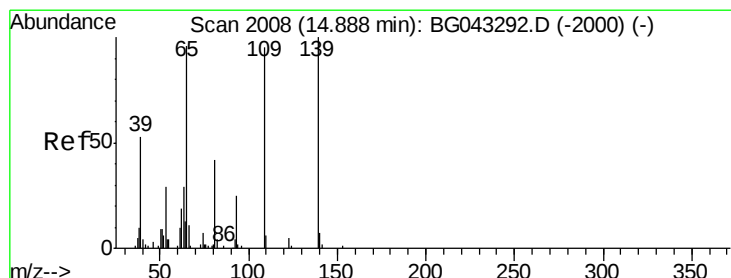
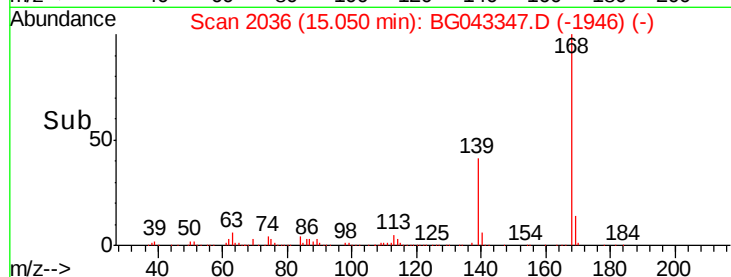
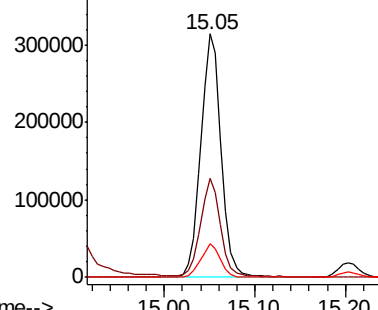
#55
Dibenzenofuran
Concen: 52.380 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion:168 Resp: 487962
Ion Ratio Lower Upper
168 100
139 40.8 31.7 47.5
169 14.0 11.0 16.4

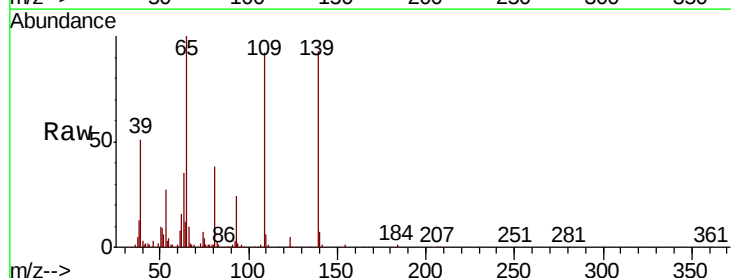


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

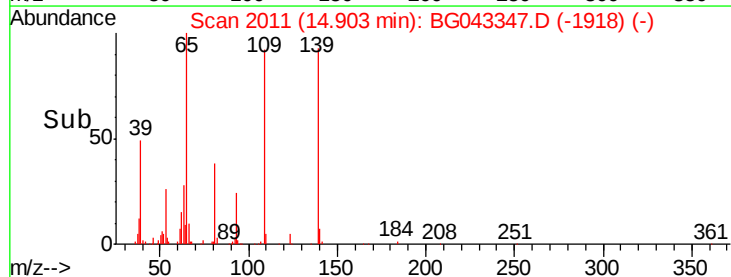
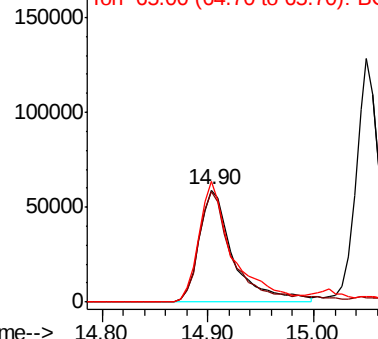


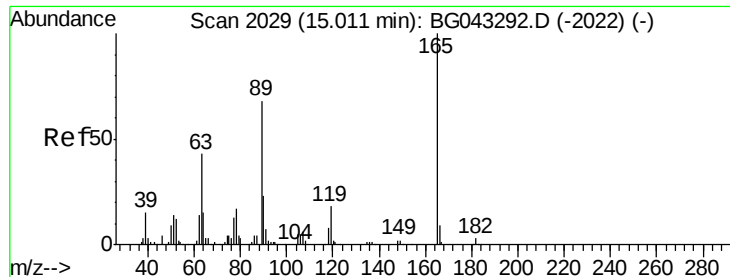
#56
4-Nitrophenol
Concen: 116.418 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:139 Resp: 132535
Ion Ratio Lower Upper
139 100
109 99.3 75.4 115.4
65 107.4 76.6 116.6



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

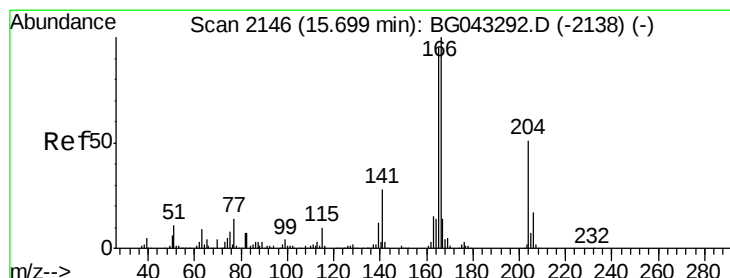
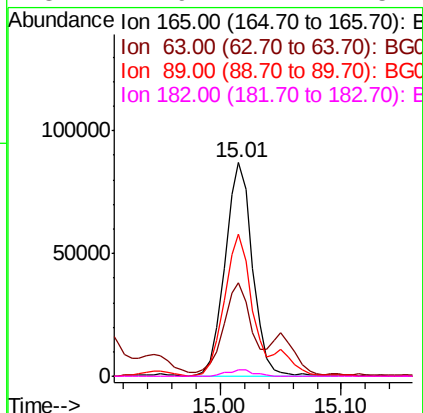
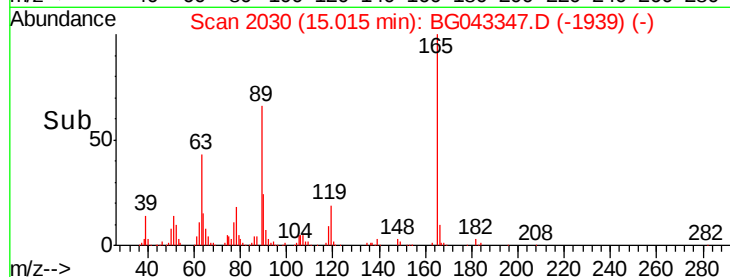
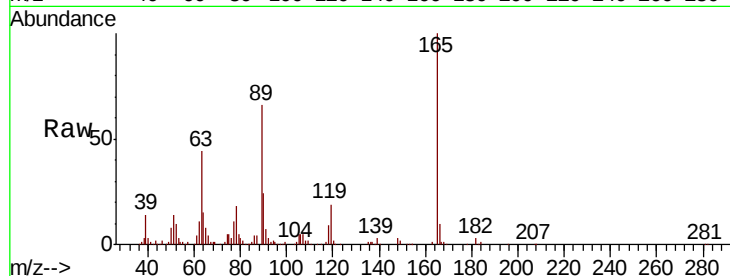




#57
 2,4-Dinitrotoluene
 Concen: 54.767 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

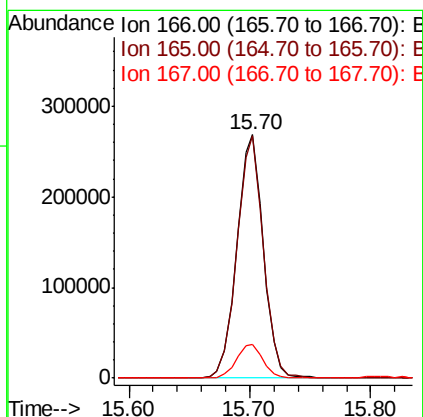
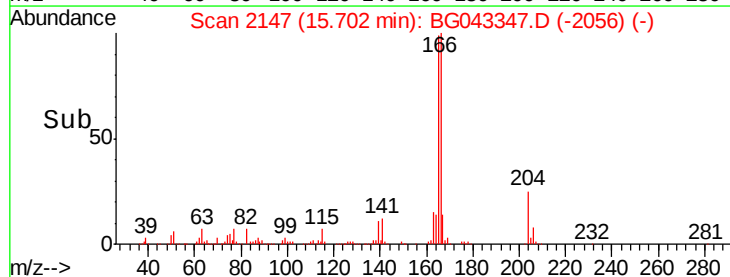
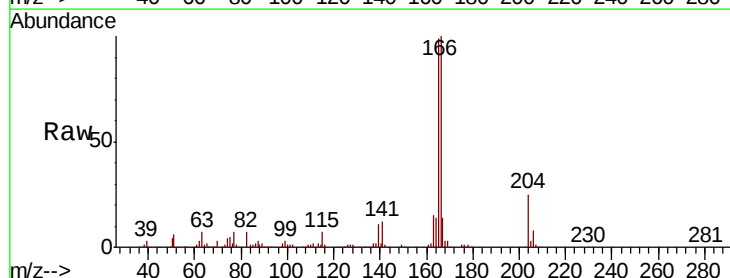
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

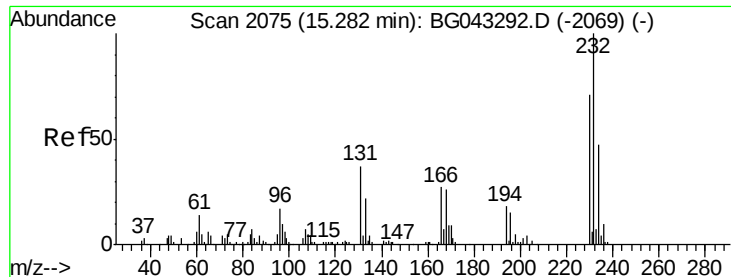
Tot Ion:165 Resp: 137718
 Ion Ratio Lower Upper
 165 100
 63 43.6 35.0 52.6
 89 66.3 54.1 81.1
 182 2.9 2.2 3.2



#58
 Fluorene
 Concen: 52.218 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion:166 Resp: 408000
 Ion Ratio Lower Upper
 166 100
 165 99.4 76.4 114.6
 167 13.9 11.1 16.7

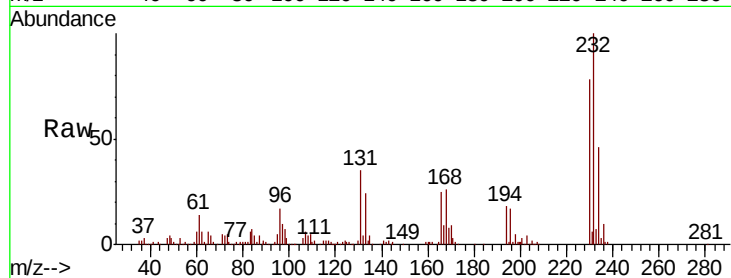




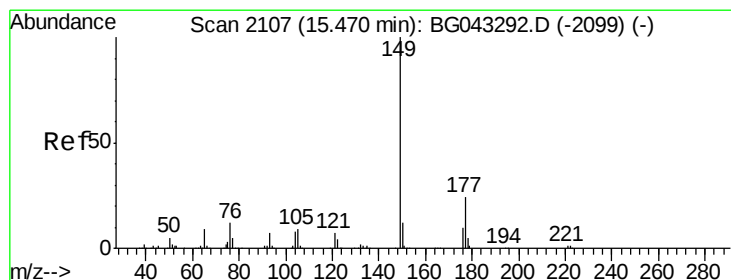
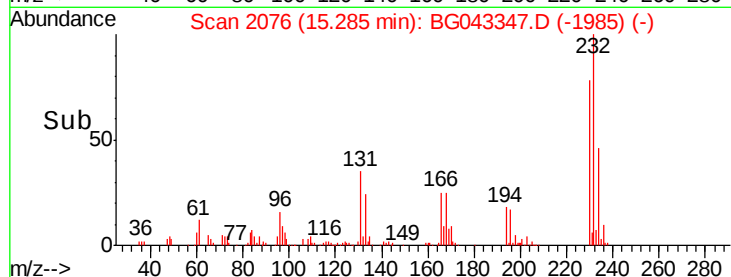
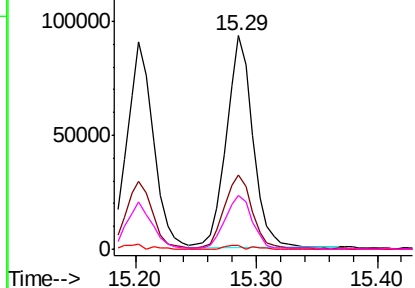
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.287 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.8	28.7	43.1
130	1.8	0.6	0.8
166	26.2	21.1	31.7

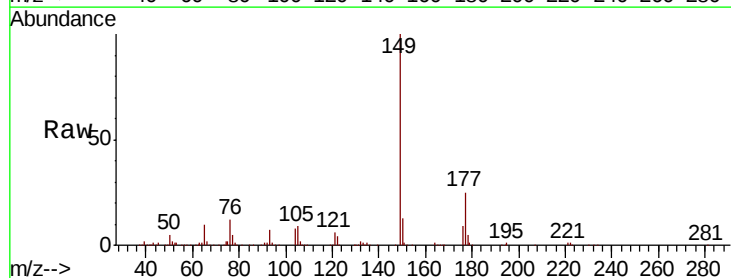


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

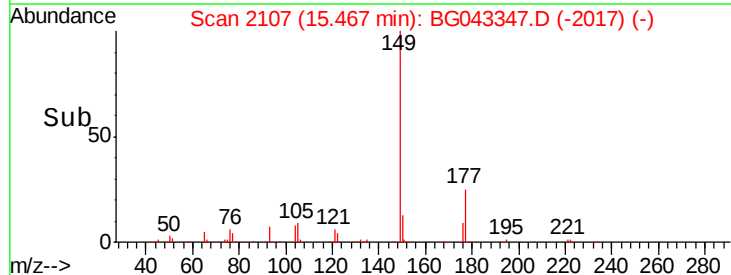
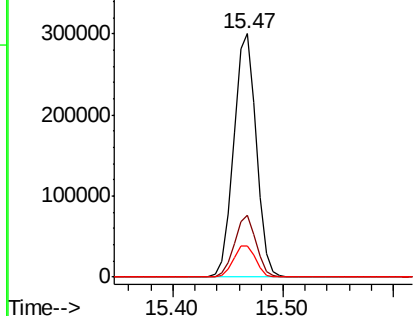


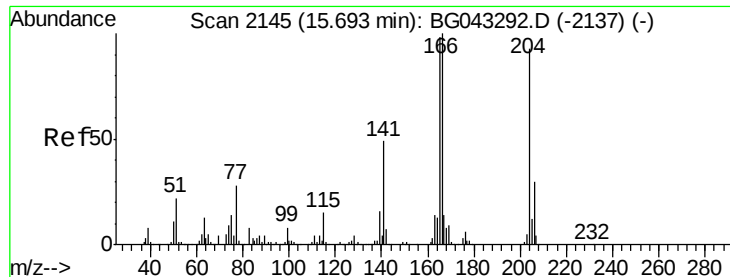
#60
 Diethylphthalate
 Concen: 52.907 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.3	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

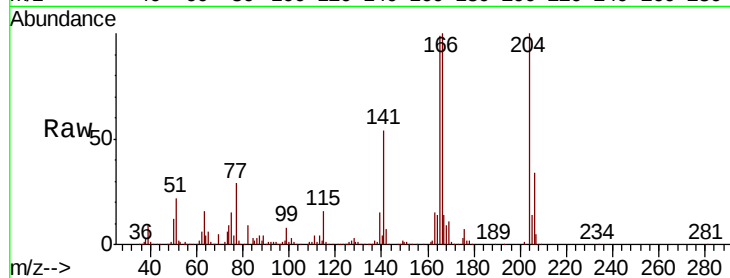




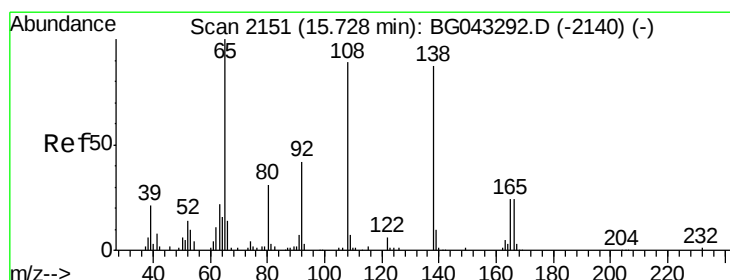
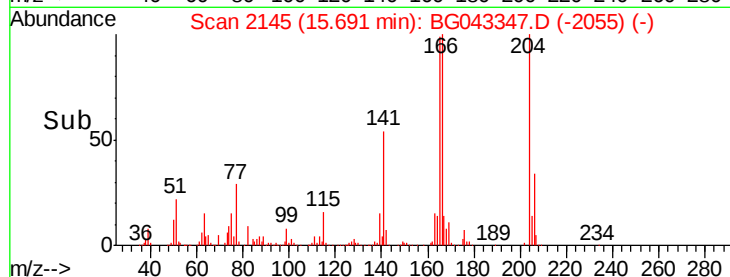
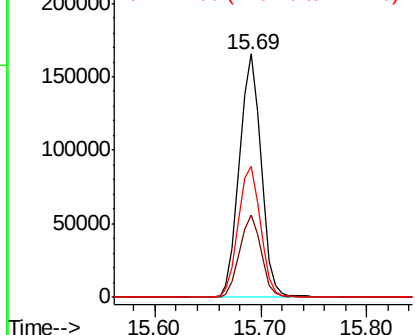
#61
4-Chlorophenyl-phenylether
Concen: 51.516 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion:204 Resp: 234814
Ion Ratio Lower Upper
204 100
206 33.8 25.7 38.5
141 53.7 42.3 63.5

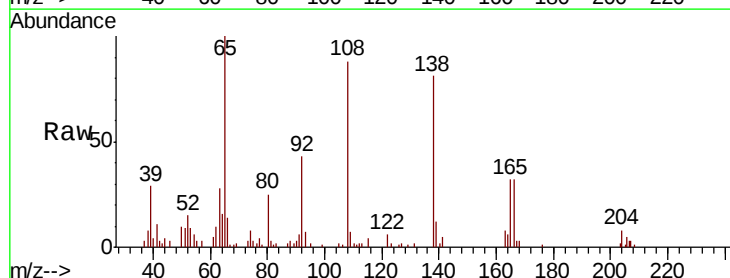


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

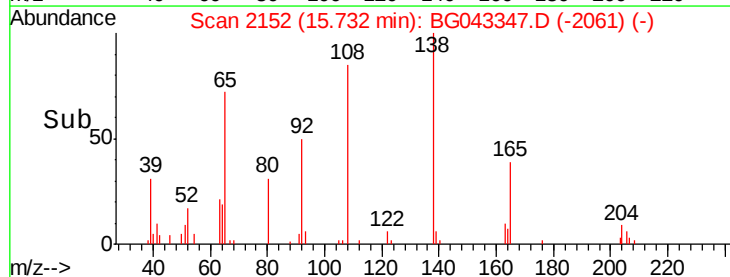
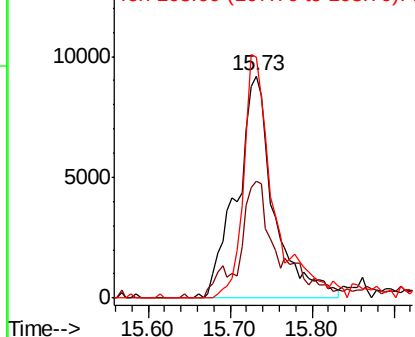


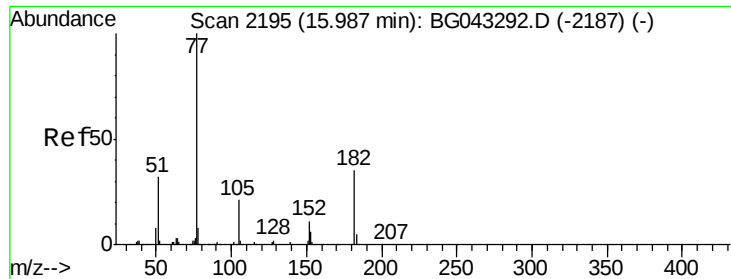
#62
4-Nitroaniline
Concen: 16.558 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:138 Resp: 29050
Ion Ratio Lower Upper
138 100
92 52.8 28.8 68.8
108 108.6 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

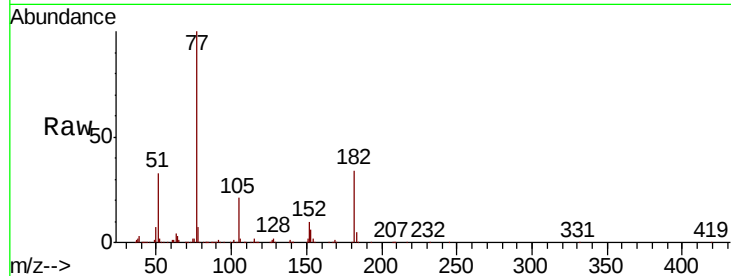




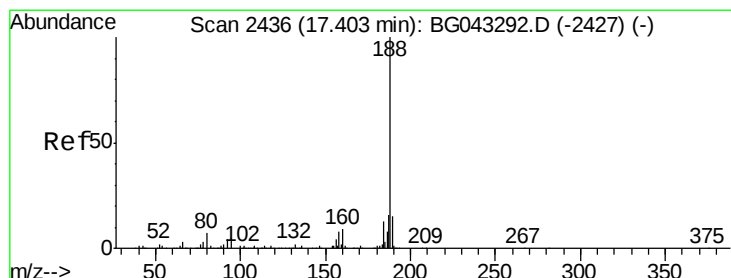
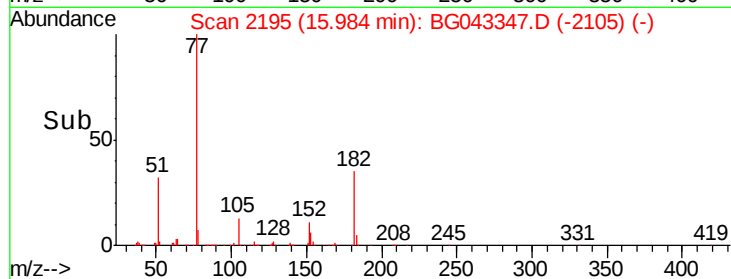
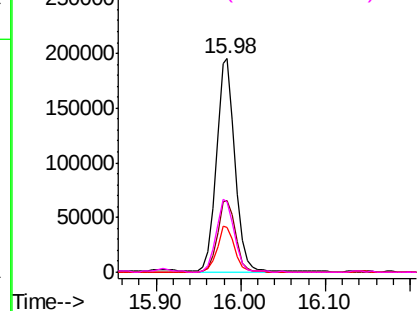
#63
Azobenzene
Concen: 46.153 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion:	77	Resp:	303979
Ion	Ratio	Lower	Upper
77	100		
182	33.8	14.9	54.9
105	20.9	0.6	40.6
51	33.1	12.5	52.5

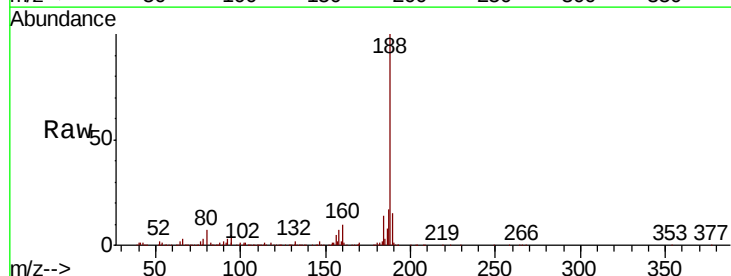


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

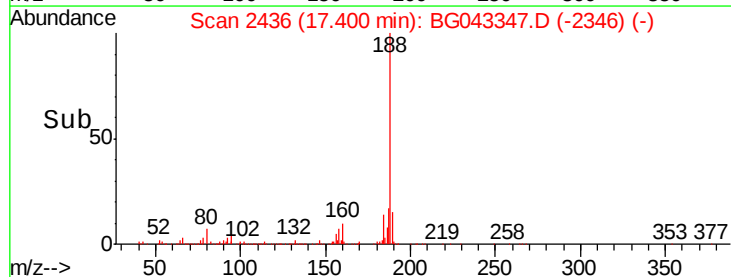
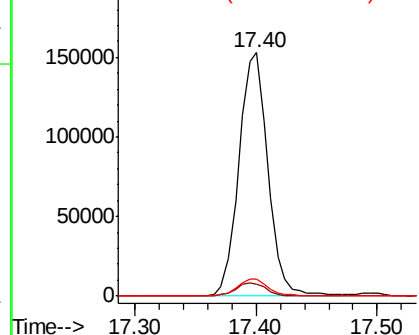


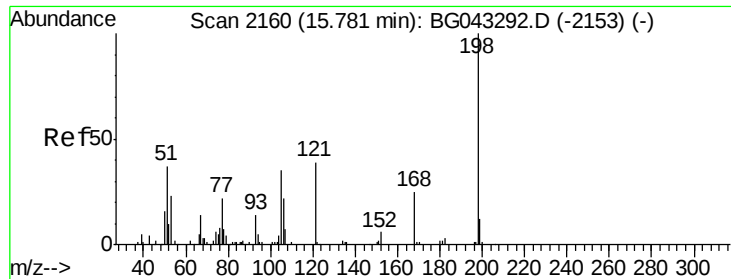
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:	188	Resp:	256562
Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.2	6.2
80	6.8	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: 49.717 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

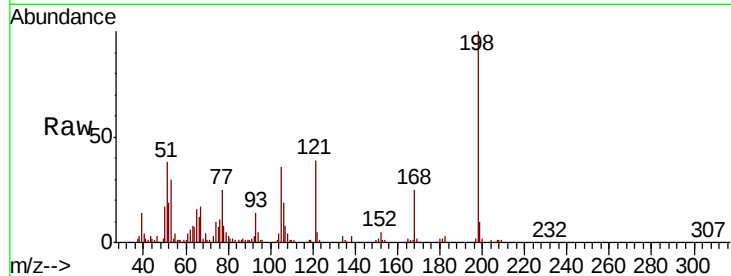
BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

Tot Ion:198 Resp: 75066

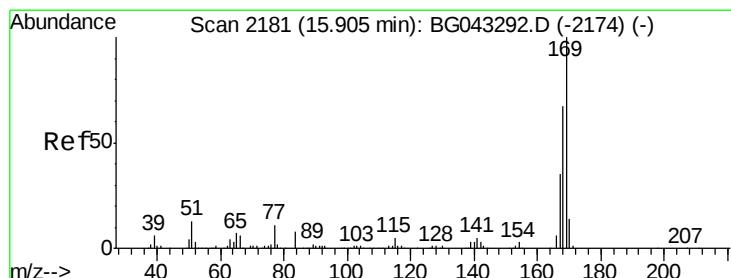
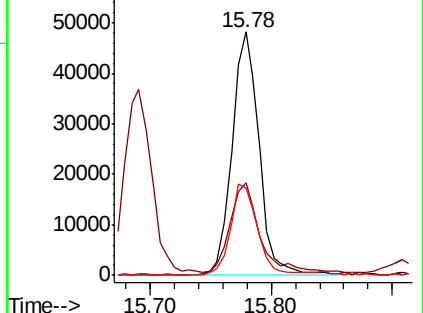
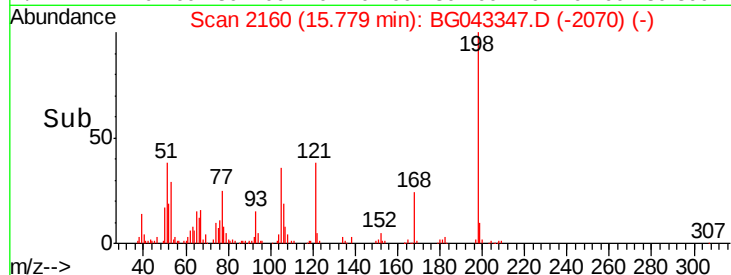
Ion	Ratio	Lower	Upper
198	100		
51	37.8	21.4	61.4
105	35.8	16.5	56.5



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: 4.981 ng

RT: 15.91 min Scan# 2182

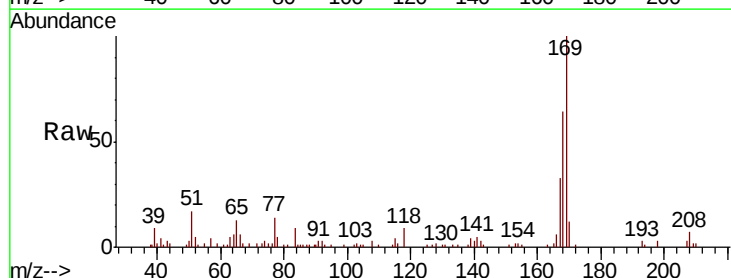
Delta R.T. 0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Tgt Ion:169 Resp: 36076

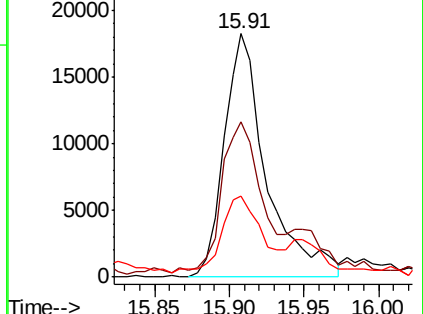
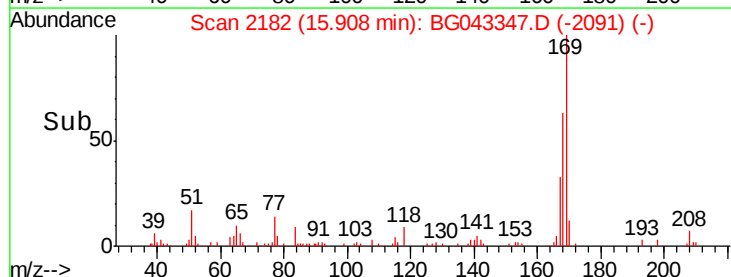
Ion	Ratio	Lower	Upper
169	100		
168	63.8	53.9	80.9
167	33.2	28.3	42.5



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

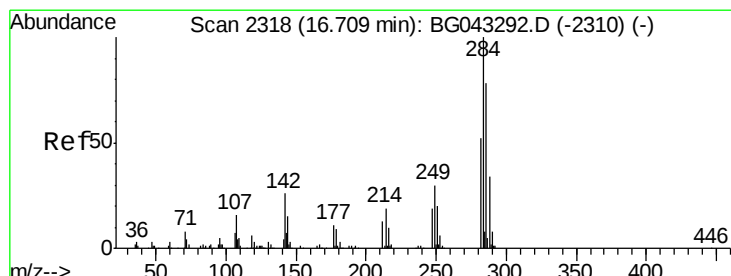
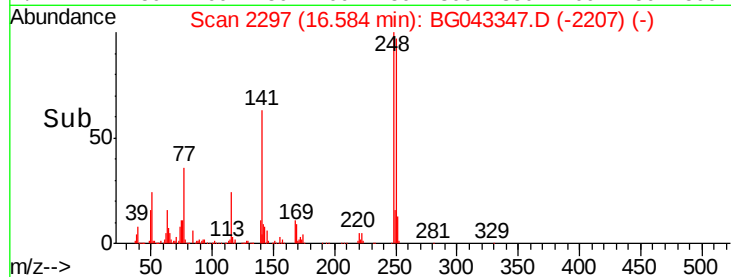
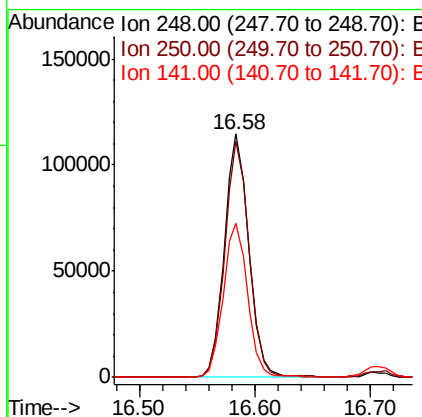
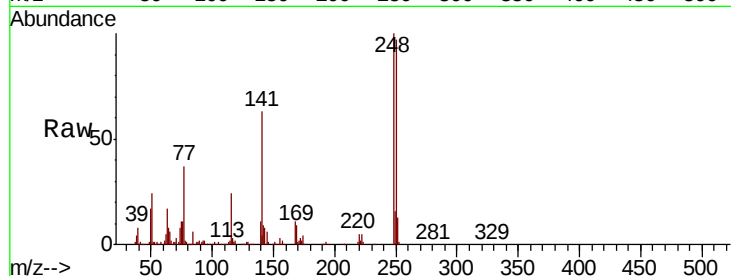




#67
 4-Bromophenyl-phenylether
 Concen: 48.385 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

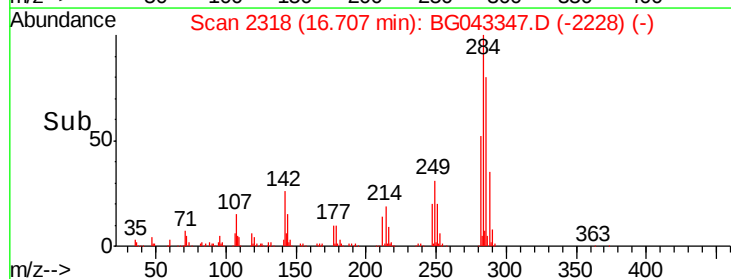
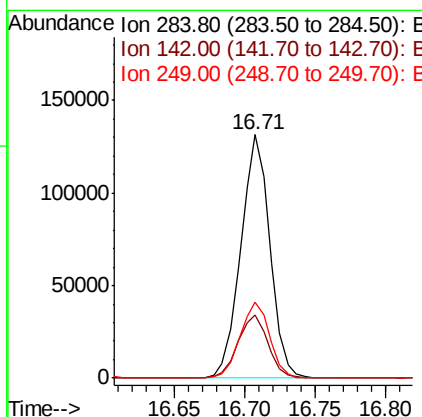
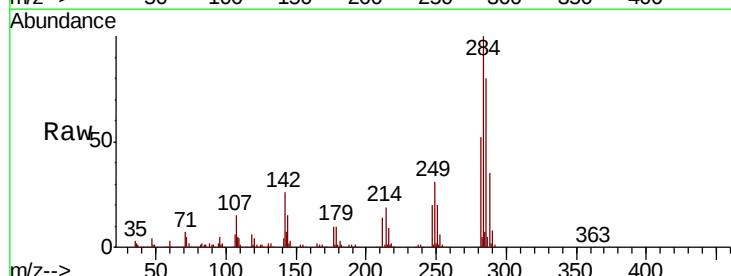
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-WATERMSD

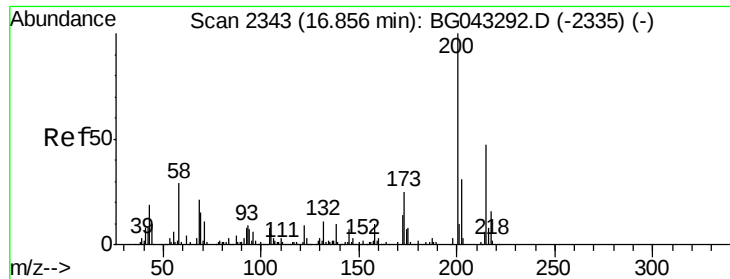
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.3	118.9
141	63.4	47.9	71.9



#68
 Hexachlorobenzene
 Concen: 47.798 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG043347.D
 Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.1	21.1	31.7
249	30.9	24.4	36.6





#69

Atrazine

Concen: 16.186 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.20 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

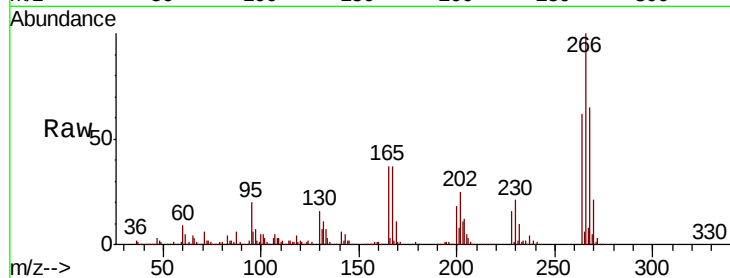
Tot Ion:200 Resp: 40738

Ion Ratio Lower Upper

200 100

173 0.0 5.1 45.1#

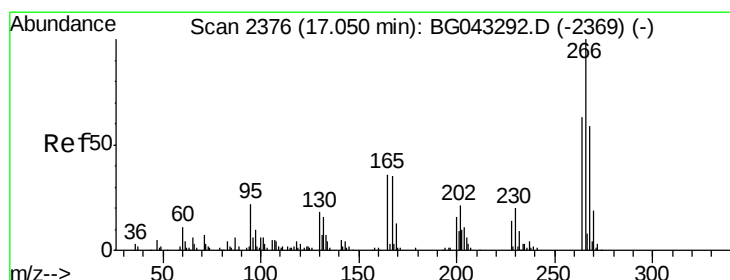
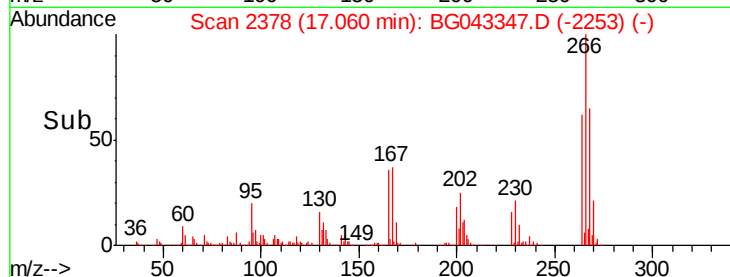
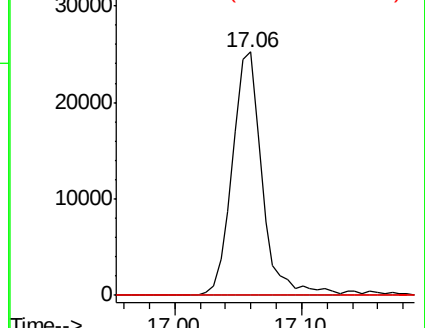
215 0.0 26.6 66.6#



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: 129.539 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

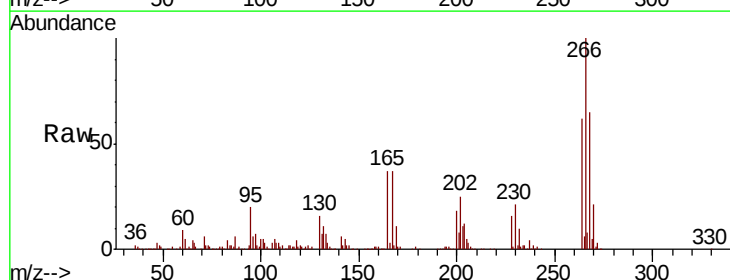
Tgt Ion:266 Resp: 233940

Ion Ratio Lower Upper

266 100

268 64.6 47.1 70.7

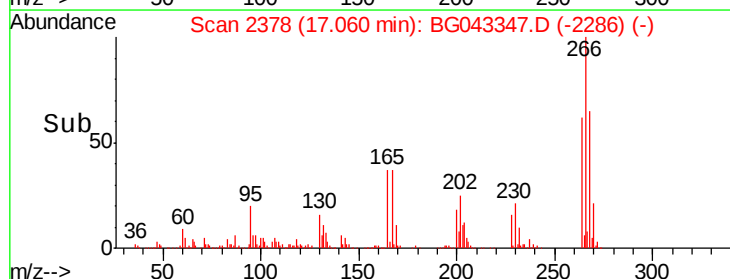
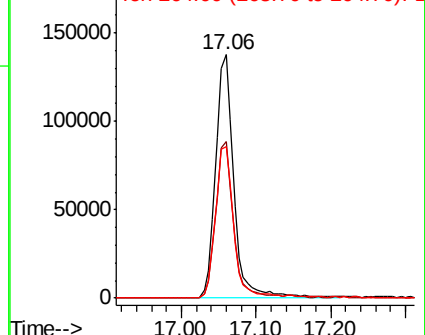
264 62.0 50.4 75.6



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

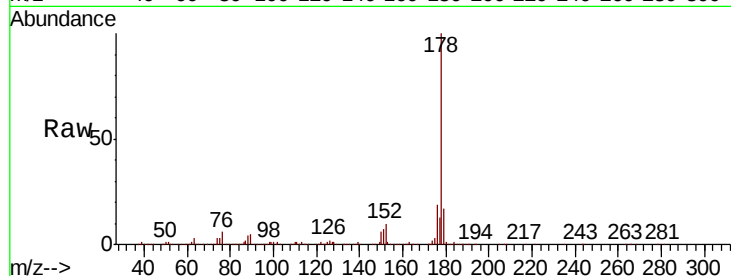




#71
Phenanthrene
Concen: 50.602 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	17.0	13.1	19.7

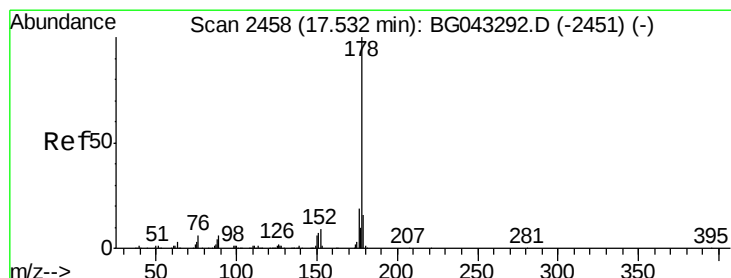
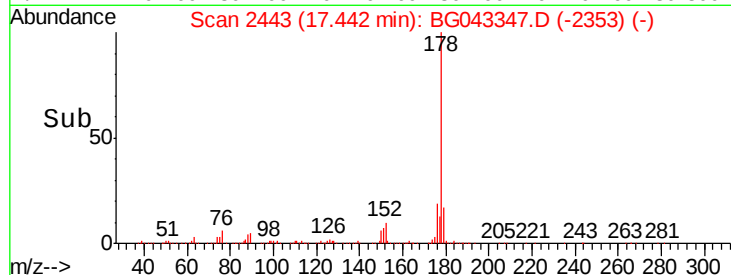
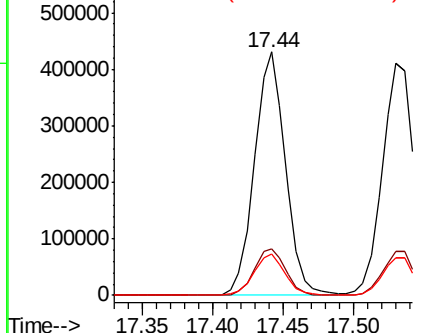


Abundance

Ion 178.00 (177.70 to 178.70): E

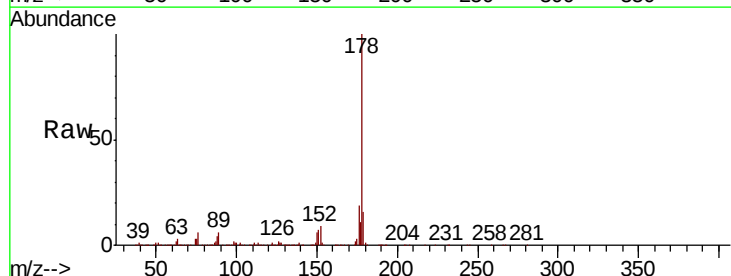
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 50.743 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.3	13.0	19.6

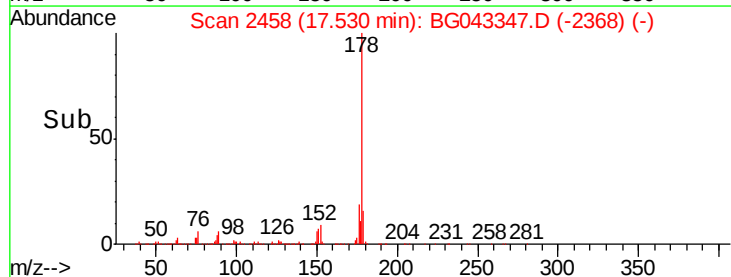
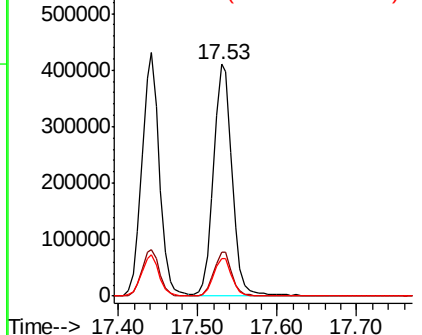


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 2.026 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

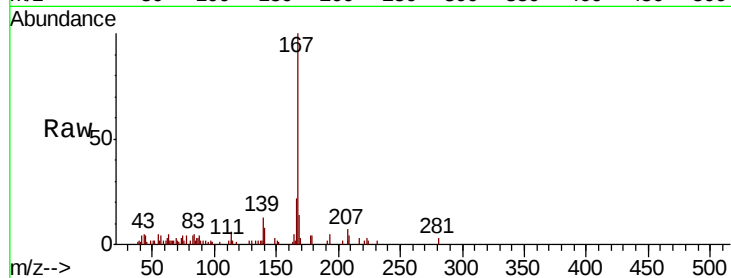
Tot Ion:167 Resp: 24120

Ion Ratio Lower Upper

167 100

166 21.9 18.4 27.6

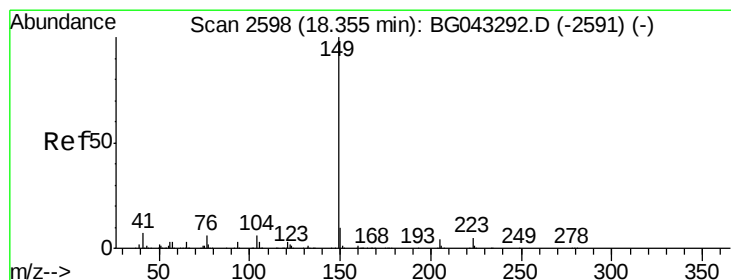
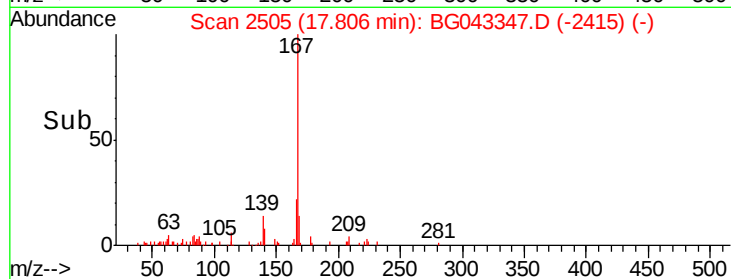
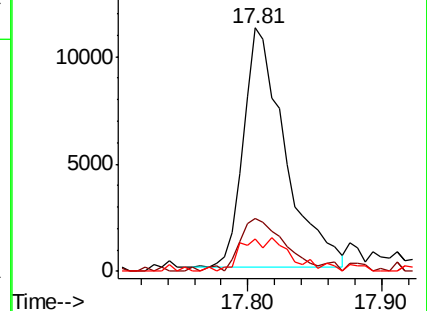
139 13.5 10.2 15.4



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: 51.277 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

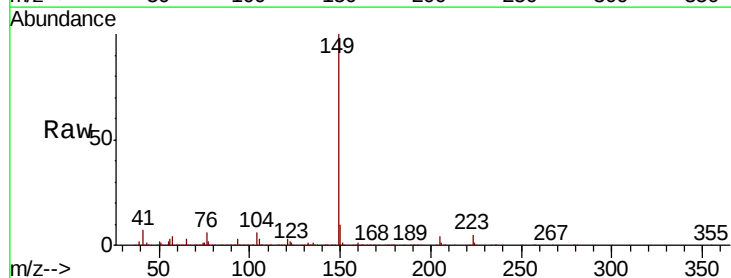
Tgt Ion:149 Resp: 740598

Ion Ratio Lower Upper

149 100

150 10.0 8.0 12.0

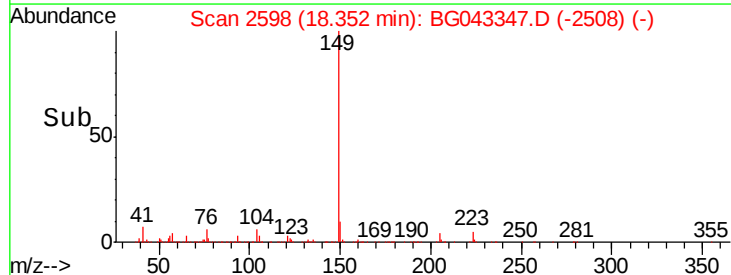
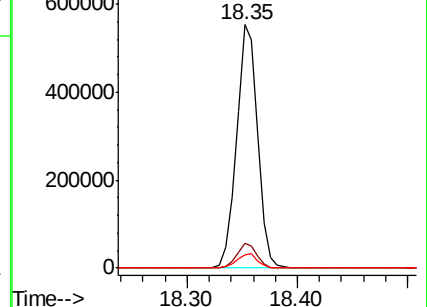
104 5.6 4.7 7.1

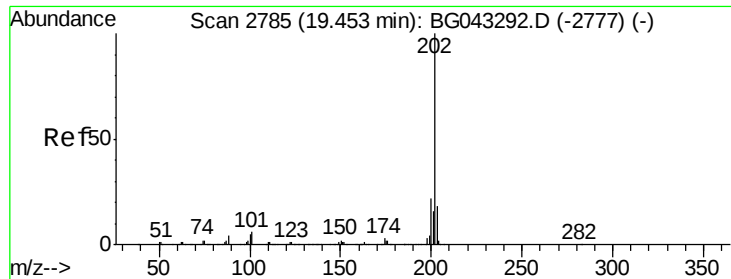


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.661 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

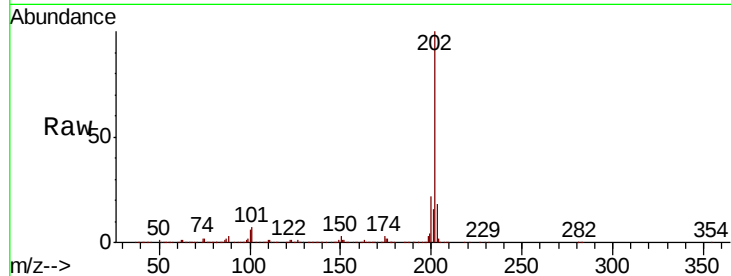
Tot Ion:202 Resp: 850582

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.0

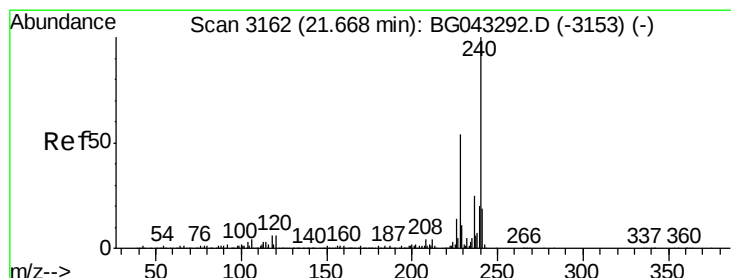
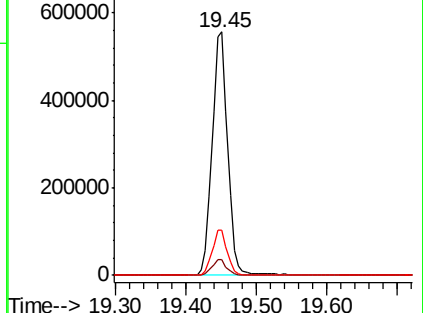
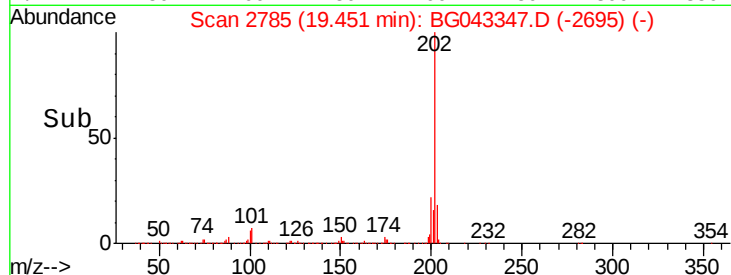
203 18.4 0.0 38.2



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: BG043347.D

Acq: 25 Oct 2019 19:57

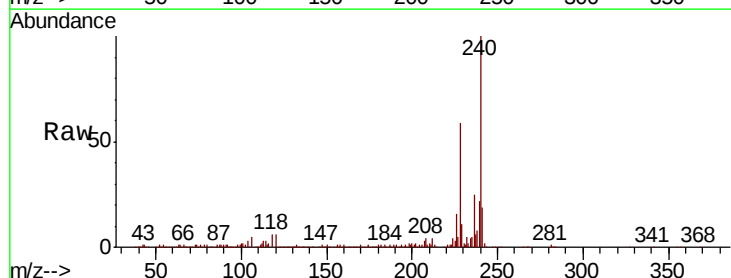
Tgt Ion:240 Resp: 266722

Ion Ratio Lower Upper

240 100

120 5.5 4.6 7.0

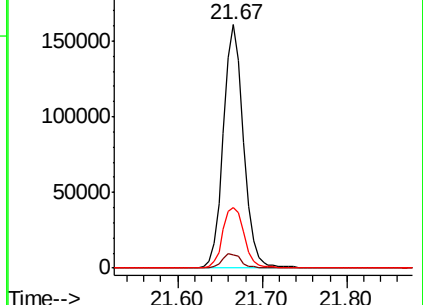
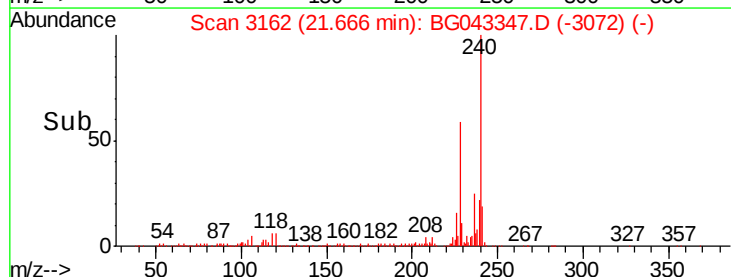
236 24.9 20.2 30.4

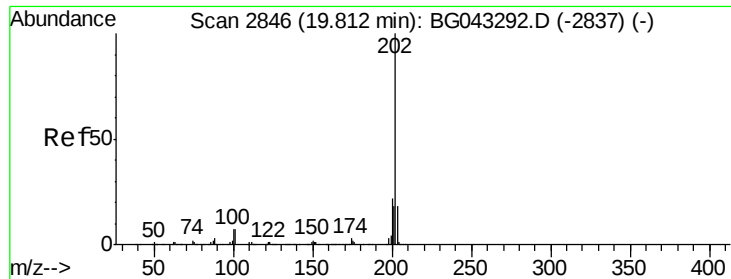


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 42.623 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

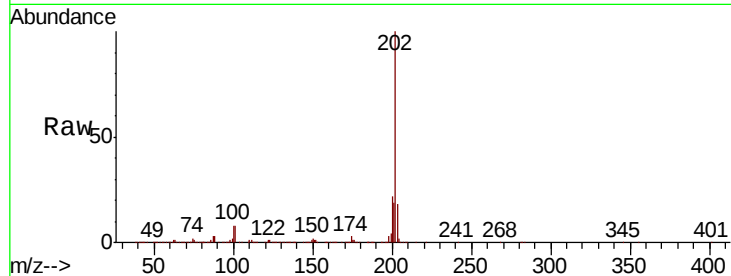
Tot Ion:202 Resp: 703698

Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 18.5 14.5 21.7

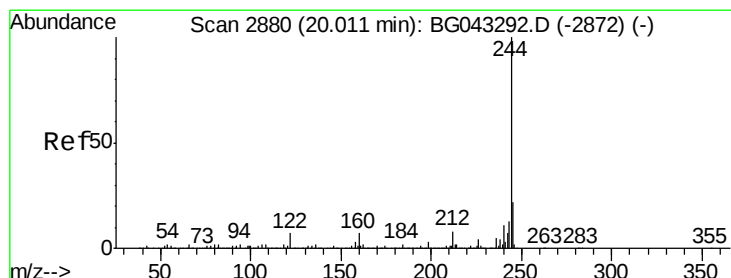
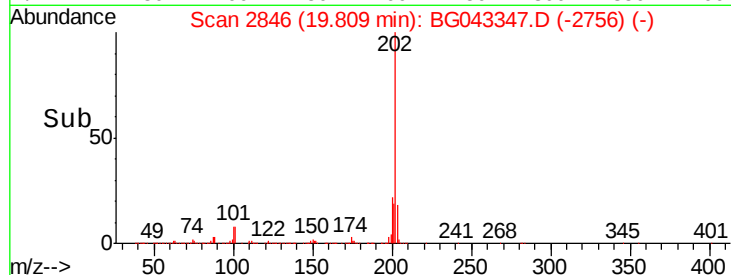
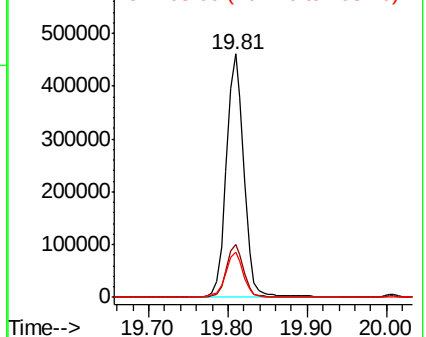


Abundance

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: 100.300 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

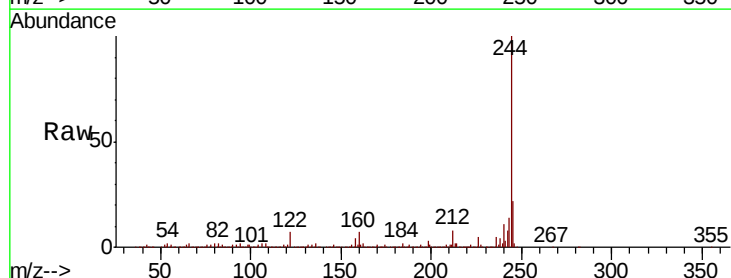
Tgt Ion:244 Resp: 1425987

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

122 6.7 5.3 7.9

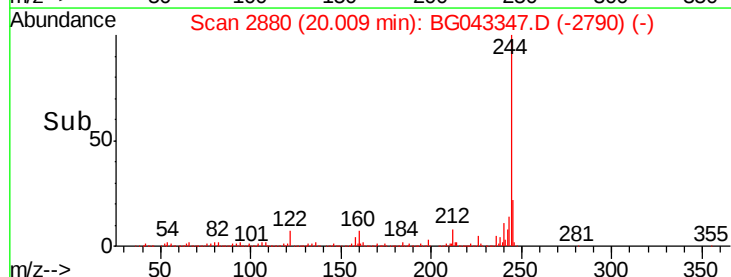
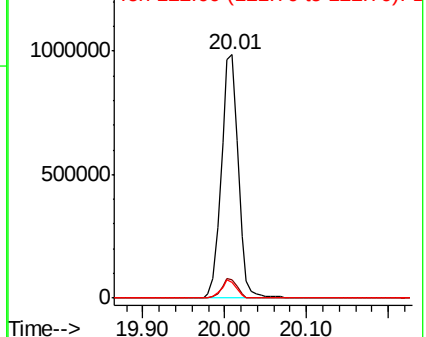


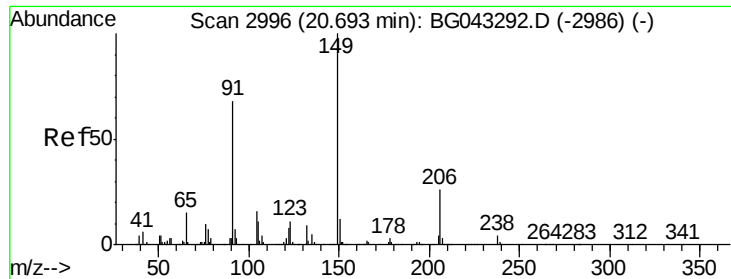
Abundance

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

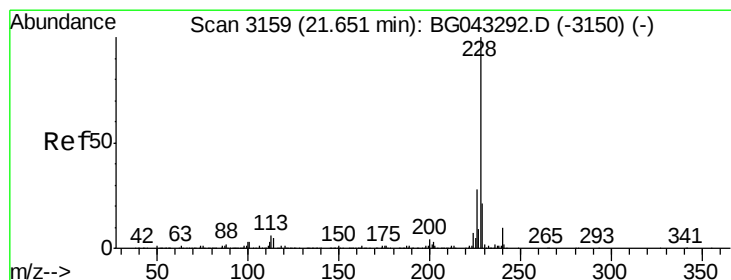
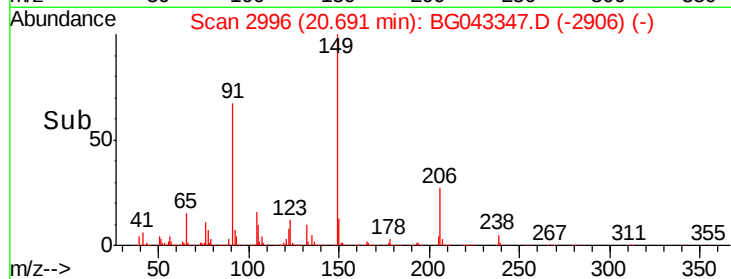
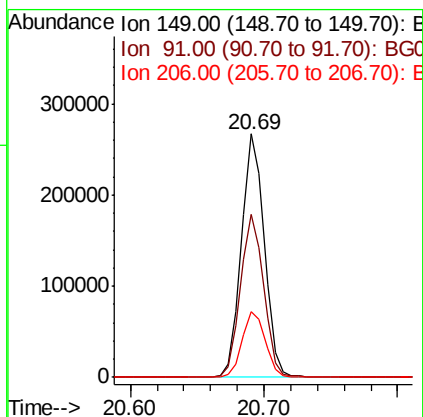
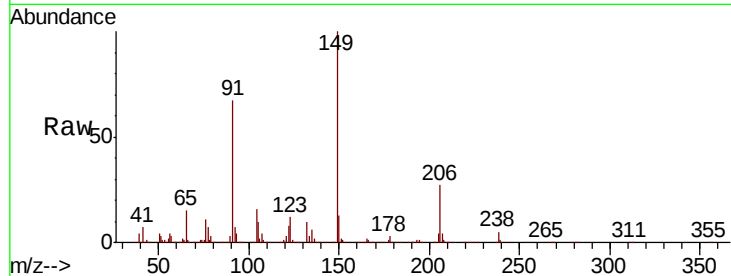




#80
Butylbenzylphthalate
Concen: 50.816 ng
RT: 20.69 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

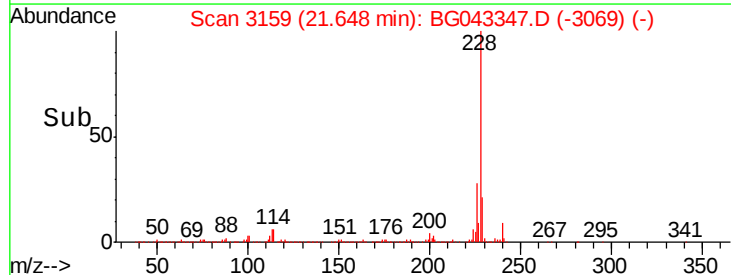
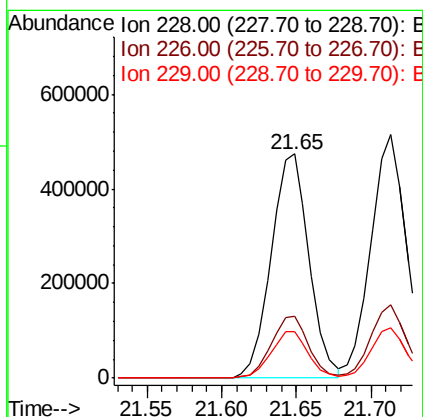
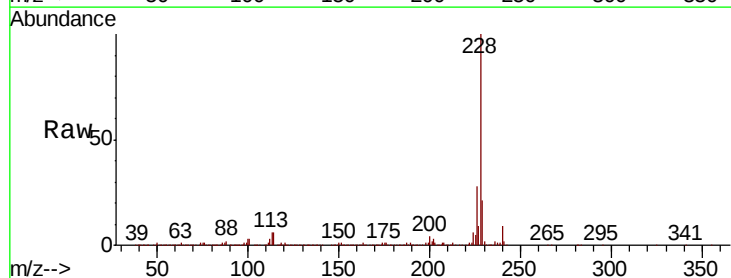
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

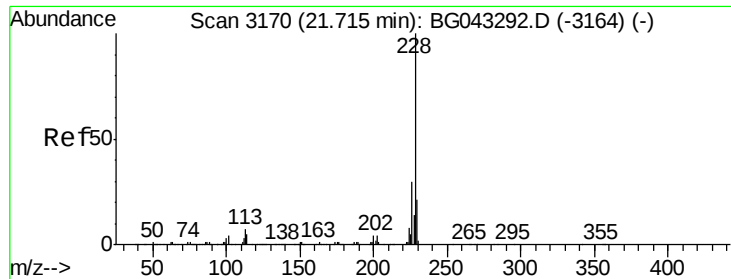
Tot Ion:149 Resp: 317851
Ion Ratio Lower Upper
149 100
91 67.2 54.6 82.0
206 26.9 20.5 30.7



#81
Benzo(a)anthracene
Concen: 50.034 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:228 Resp: 835928
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.7 16.9 25.3





#83

Chrysene

Concen: 51.514 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

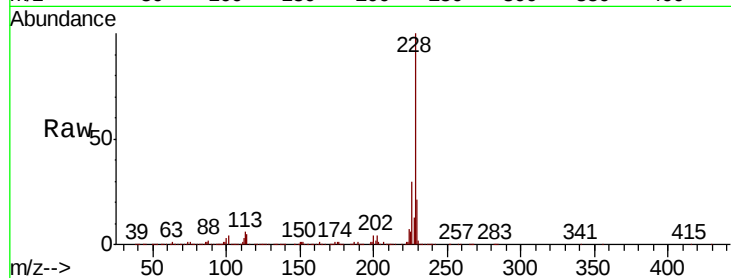
Tot Ion:228 Resp: 855129

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

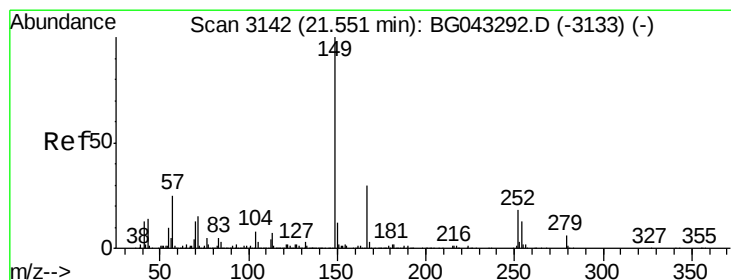
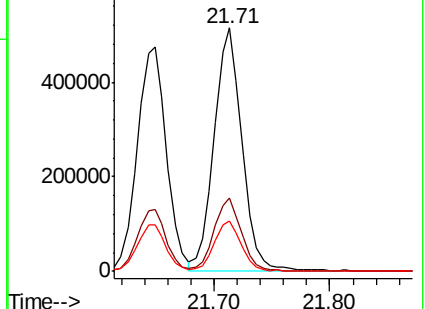
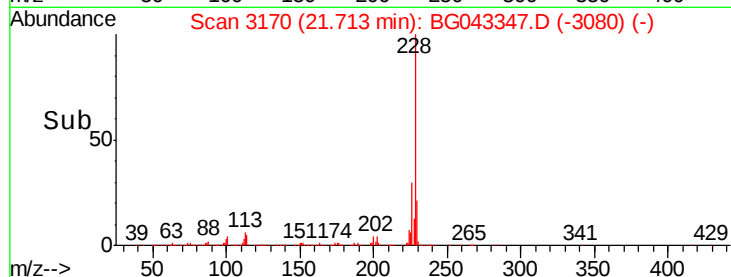
229 20.5 16.3 24.5



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: 55.031 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

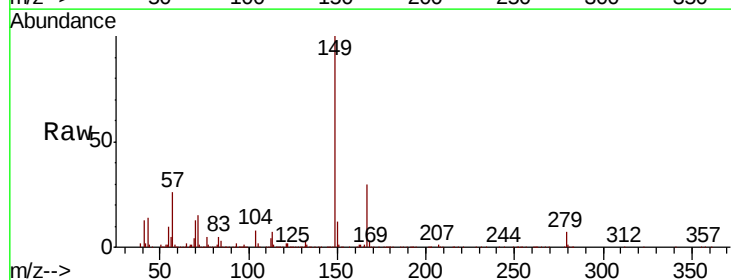
Tgt Ion:149 Resp: 488959

Ion Ratio Lower Upper

149 100

167 30.4 23.9 35.9

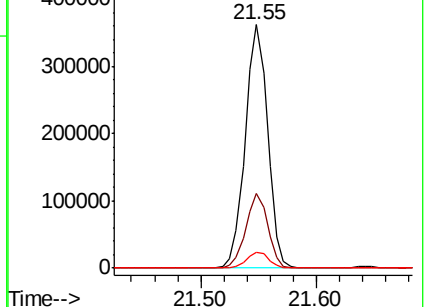
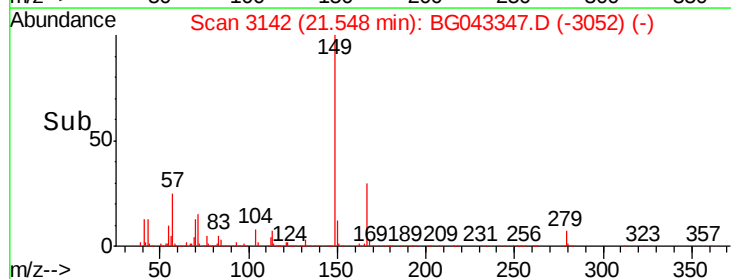
279 6.6 4.8 7.2

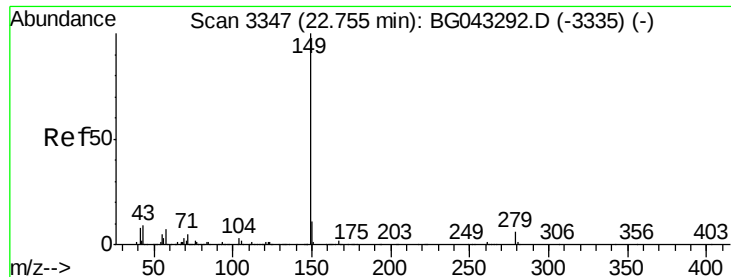


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.680 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

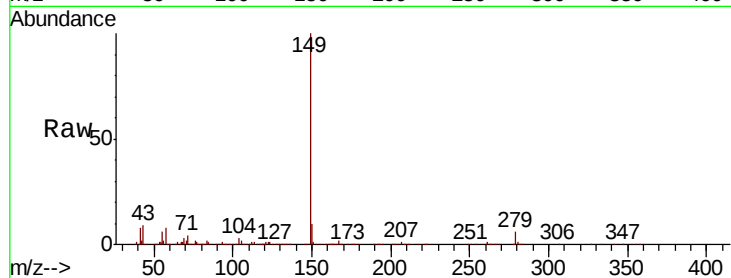
Tot Ion:149 Resp: 839340

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

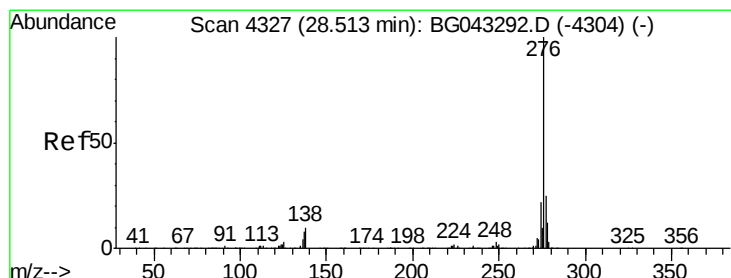
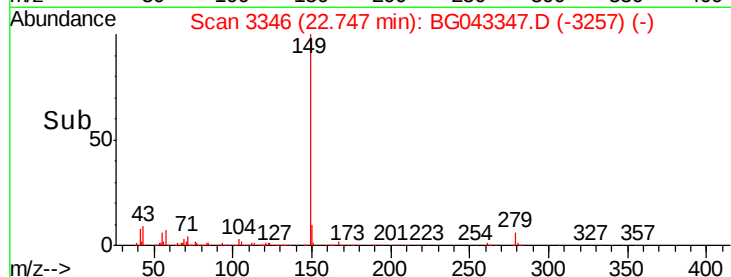
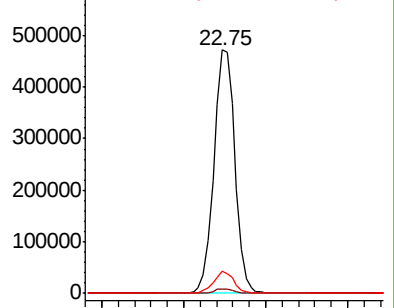
43 8.6 6.9 10.3



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: 36.869 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.02 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

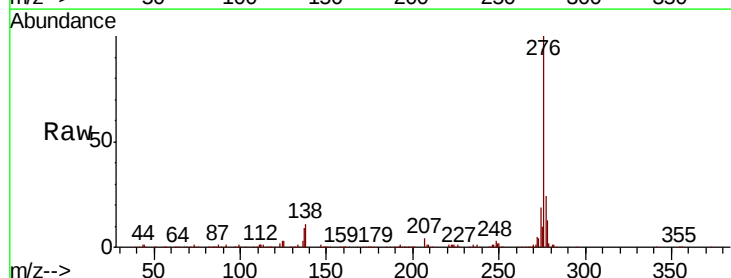
Tgt Ion:276 Resp: 768254

Ion Ratio Lower Upper

276 100

138 4.7 7.2 10.8#

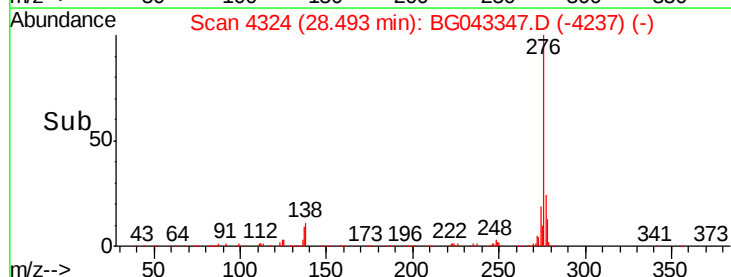
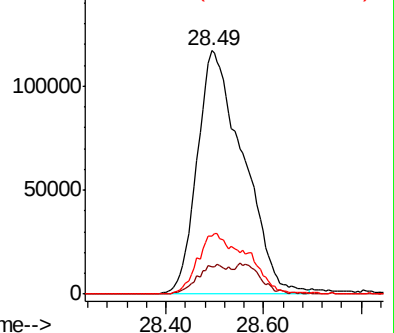
277 26.9 20.9 31.3

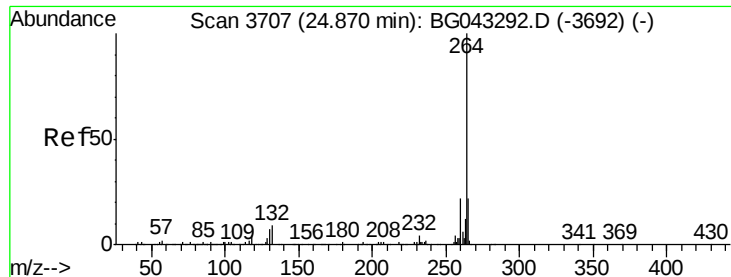


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

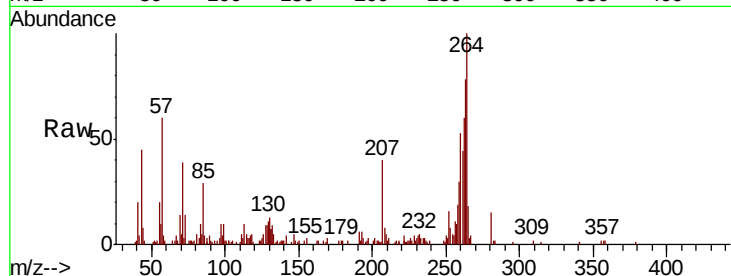
Tot Ion:264 Resp: 42215

Ion Ratio Lower Upper

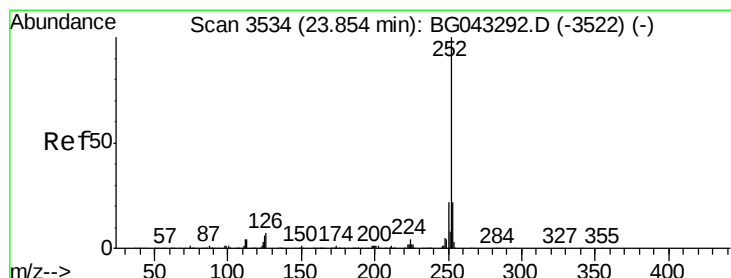
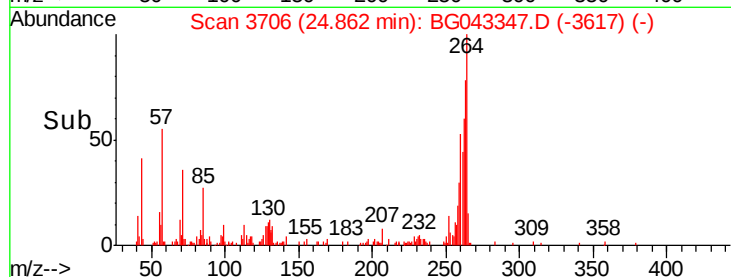
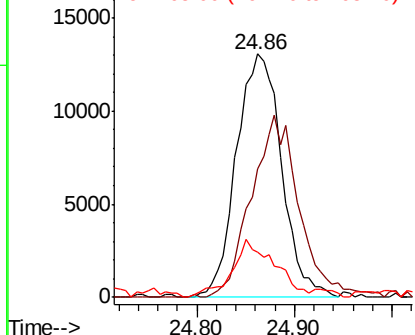
264 100

260 52.7 17.9 26.9#

265 18.4 17.4 26.2



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



#88

Benzo(b)fluoranthene

Concen: 377.083 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

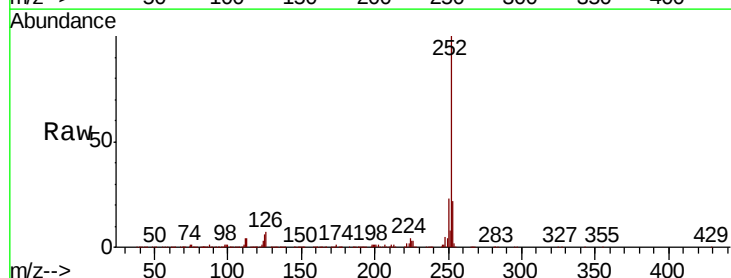
Tgt Ion:252 Resp: 901576

Ion Ratio Lower Upper

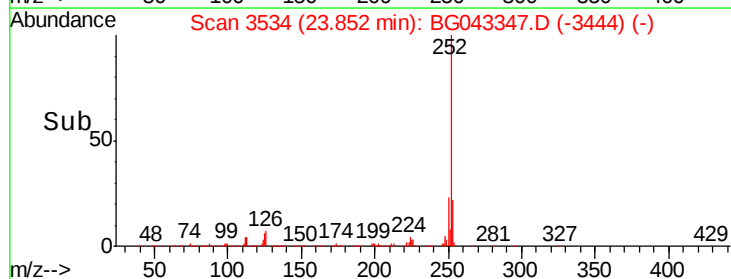
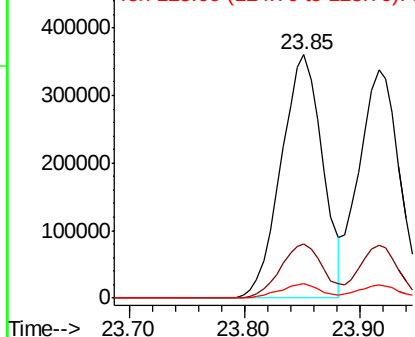
252 100

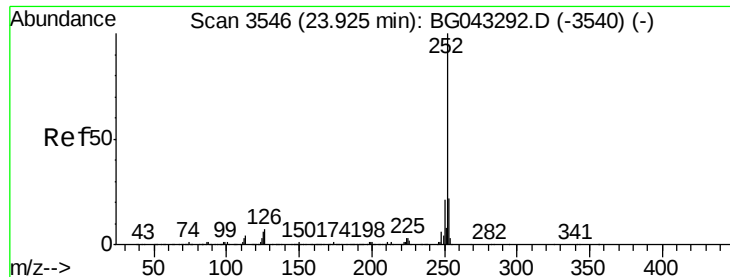
253 22.1 17.4 26.2

125 5.8 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





#89

Benzo(k)fluoranthene

Concen: 349.123 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-WATERMSD

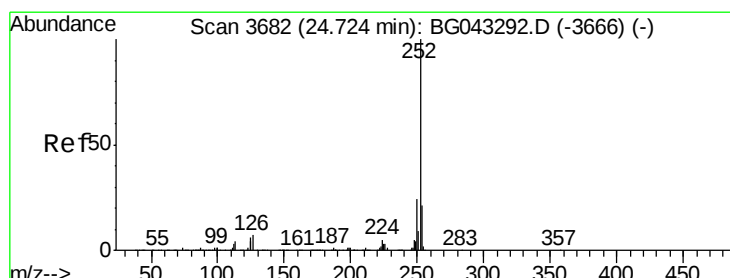
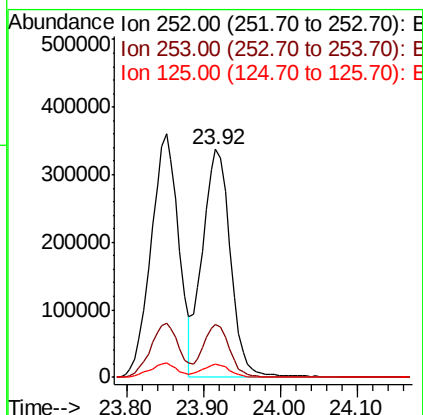
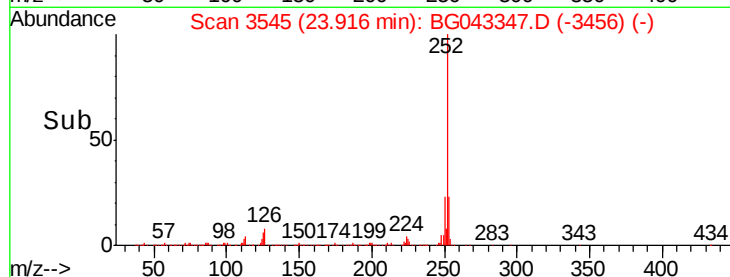
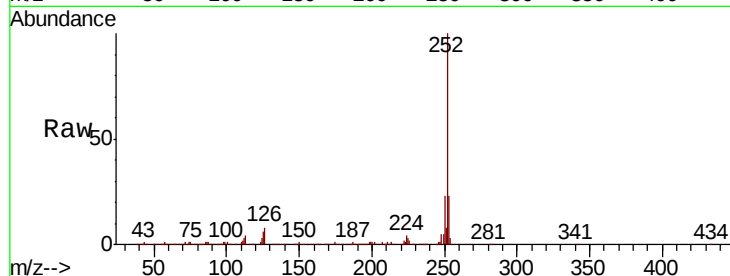
Tot Ion:252 Resp: 840326

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 5.8 4.5 6.7



#90

Benzo(a)pyrene

Concen: 213.355 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043347.D

Acq: 25 Oct 2019 19:57

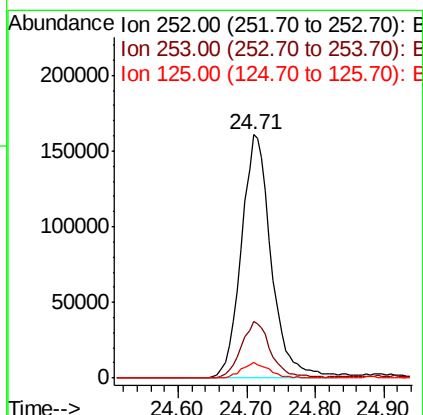
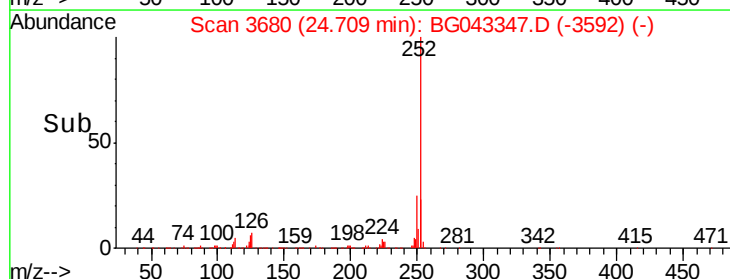
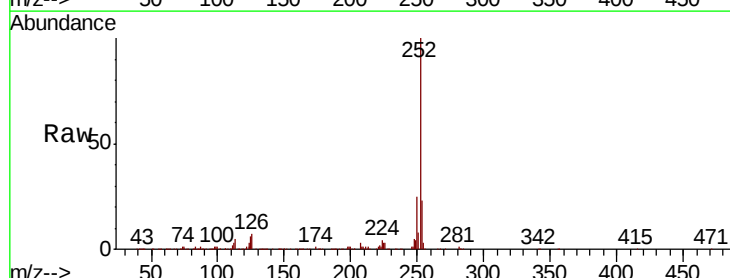
Tgt Ion:252 Resp: 487123

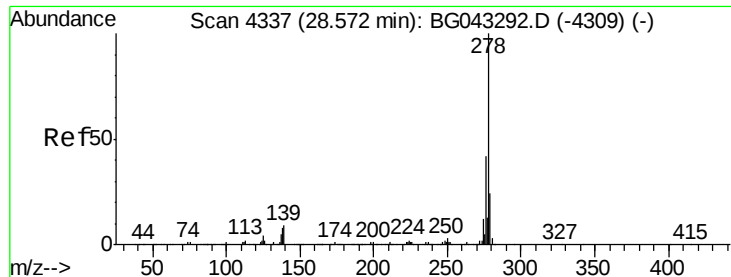
Ion Ratio Lower Upper

252 100

253 23.5 17.2 25.8

125 6.3 5.0 7.6

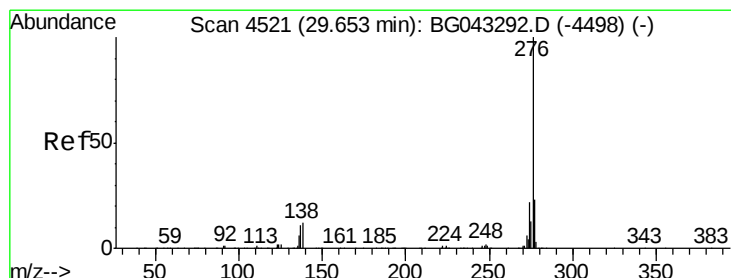
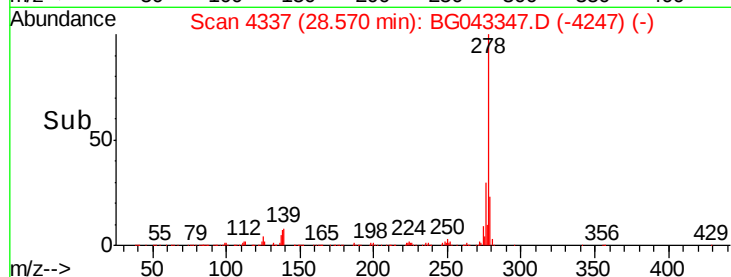
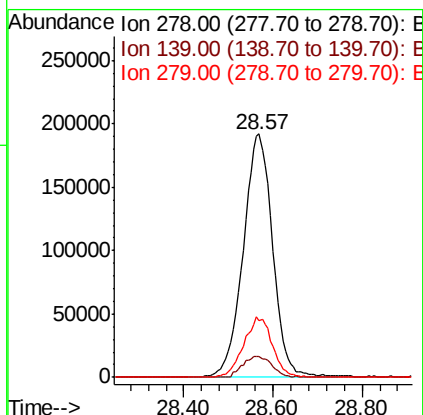
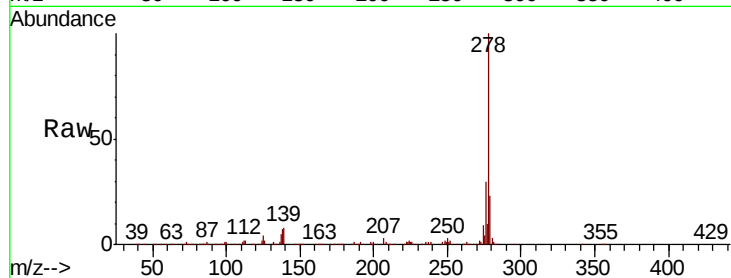




#91
Dibenzo(a,h)anthracene
Concen: 372.212 ng
RT: 28.57 min Scan# 4337
Delta R.T. -0.00 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMSD

Tot Ion:278 Resp: 869241
Ion Ratio Lower Upper
278 100
139 8.5 6.8 10.2
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 255.943 ng
RT: 29.64 min Scan# 4519
Delta R.T. -0.01 min
Lab File: BG043347.D
Acq: 25 Oct 2019 19:57

Tgt Ion:276 Resp: 589585
Ion Ratio Lower Upper
276 100
277 24.7 18.3 27.5
138 11.6 9.3 13.9

