

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102319\
 Data File : BG043316.D
 Acq On : 23 Oct 2019 19:58
 Operator : JU
 Sample : K5139-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

Quant Time: Oct 24 06:52:01 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	8.03	152	38958	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	139858	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	111671	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	270100	20.00	ng	0.00
76) Chrysene-d12	21.66	240	308665	20.00	ng	0.00
87) Perylene-d12	24.87	264	317048	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	281750	132.53	ng	0.00
7) Phenol-d6	7.20	99	407597	133.25	ng	0.00
23) Nitrobenzene-d5	9.19	82	250123	92.20	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	294900	138.77	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	742836	91.92	ng	0.00
79) Terphenyl-d14	20.01	244	1516406	92.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	33813	40.813	ng	# 44
3) Pyridine	3.91	79	67267	32.187	ng	95
4) n-Nitrosodimethylamine	3.81	42	52257	49.552	ng	99
6) Aniline	7.36	93	40456	11.481	ng	98
8) 2-Chlorophenol	7.60	128	116103	49.471	ng	97
9) Benzaldehyde	7.17	77	23633	15.721	ng	96
10) Phenol	7.23	94	139695	49.978	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	97341	45.044	ng	98
12) 1,3-Dichlorobenzene	7.91	146	153274	52.126	ng	96
13) 1,4-Dichlorobenzene	8.06	146	150328	50.530	ng	99
14) 1,2-Dichlorobenzene	8.38	146	141050	48.558	ng	97
15) Benzyl Alcohol	8.27	79	96080	44.725	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	137574	43.781	ng	96
17) 2-Methylphenol	8.48	107	99221	48.694	ng	95
18) Hexachloroethane	9.11	117	55349	51.567	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	87628	44.334	ng	97
20) 3+4-Methylphenols	8.81	107	136120	48.716	ng	91
22) Acetophenone	8.85	105	170433	47.585	ng	97
24) Nitrobenzene	9.23	77	136405	52.783	ng	97
25) Isophorone	9.75	82	258413	52.102	ng	98
26) 2-Nitrophenol	9.94	139	68324	54.763	ng	95
27) 2,4-Dimethylphenol	10.01	122	109856	61.434	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	135637	49.550	ng	100
29) 2,4-Dichlorophenol	10.48	162	127546	55.668	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	150410	52.086	ng	97
31) Naphthalene	10.88	128	375493	52.893	ng	99
32) Benzoic acid	10.16	122	63629	46.865	ng	94
34) Hexachlorobutadiene	11.17	225	107403	50.314	ng	89
35) Caprolactam	11.77	113	19653	24.906	ng	# 80
36) 4-Chloro-3-methylphenol	12.12	107	146343	58.556	ng	98
37) 2-Methylnaphthalene	12.48	142	291077	53.438	ng	98
38) 1-Methylnaphthalene	12.70	142	274177	52.902	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	185523	44.891	ng	# 97
41) Hexachlorocyclopentadiene	12.83	237	241836	111.395	ng	90

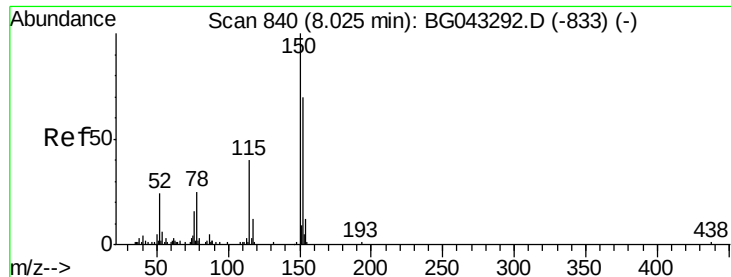
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102319\
 Data File : BG043316.D
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Quant Time: Oct 24 06:52:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.09	196	124233	51.044	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	138883	56.444	ng	98
46) 1,1'-Biphenyl	13.48	154	390985	46.024	ng	99
47) 2-Chloronaphthalene	13.53	162	302293	46.767	ng	99
48) 2-Nitroaniline	13.74	65	93049	48.164	ng	99
49) Acenaphthylene	14.38	152	501690	49.870	ng	99
50) Dimethylphthalate	14.11	163	458231	52.977	ng	99
51) 2,6-Dinitrotoluene	14.22	165	97154	51.702	ng	98
52) Acenaphthene	14.72	154	301943	49.217	ng	98
53) 3-Nitroaniline	14.57	138	18316	10.096	ng	97
54) 2,4-Dinitrophenol	14.77	184	125622	104.593	ng	95
55) Dibenzofuran	15.05	168	496519	49.907	ng	99
56) 4-Nitrophenol	14.88	139	151284	124.432	ng	94
57) 2,4-Dinitrotoluene	15.02	165	143645	53.489	ng	95
58) Fluorene	15.70	166	421099	50.466	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	144420	55.244	ng	# 98
60) Diethylphthalate	15.46	149	439153	50.529	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	243799	50.084	ng	98
62) 4-Nitroaniline	15.73	138	67120	35.823	ng	93
63) Azobenzene	15.98	77	358074	50.907	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	95994	60.391	ng	99
66) n-Nitrosodiphenylamine	15.91	169	264297	34.659	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	174805	48.090	ng	99
68) Hexachlorobenzene	16.70	284	198456	47.563	ng	99
69) Atrazine	16.85	200	59524	22.464	ng	98
70) Pentachlorophenol	17.05	266	236859	124.582	ng	97
71) Phenanthrene	17.44	178	698960	50.535	ng	99
72) Anthracene	17.53	178	724894	52.383	ng	99
73) Carbazole	17.80	167	426886	34.065	ng	99
74) Di-n-butylphthalate	18.36	149	775281	50.987	ng	100
75) Fluoranthene	19.45	202	942420	52.265	ng	99
78) Pyrene	19.81	202	959702	50.230	ng	99
80) Butylbenzylphthalate	20.69	149	362888	50.133	ng	97
81) Benzo(a)anthracene	21.65	228	991586	51.286	ng	98
82) 3,3'-Dichlorobenzidine	21.57	252	25744	3.443	ng	91
83) Chrysene	21.71	228	970262	50.507	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	526454	51.200	ng	98
85) Di-n-octyl phthalate	22.75	149	906119	51.942	ng	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1226783	50.875	ng	100
88) Benzo(b)fluoranthene	23.85	252	1045462	58.222	ng	98
89) Benzo(k)fluoranthene	23.92	252	1055687	58.399	ng	97
90) Benzo(a)pyrene	24.72	252	934567	54.502	ng	99
91) Dibenzo(a,h)anthracene	28.58	278	1054854	60.143	ng	99
92) Benzo(g,h,i)perylene	29.65	276	1029551	59.510	ng	98

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

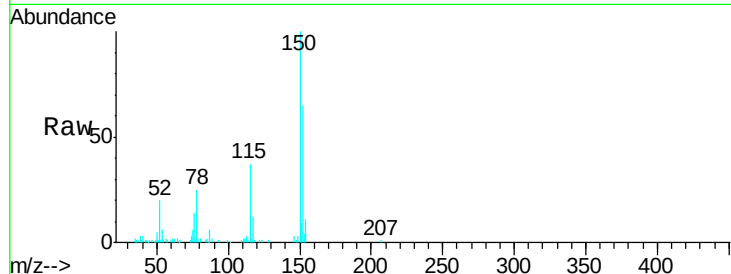


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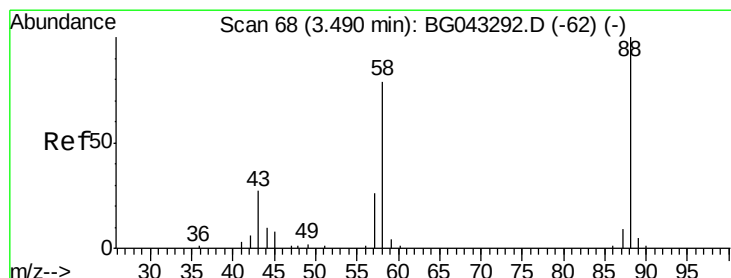
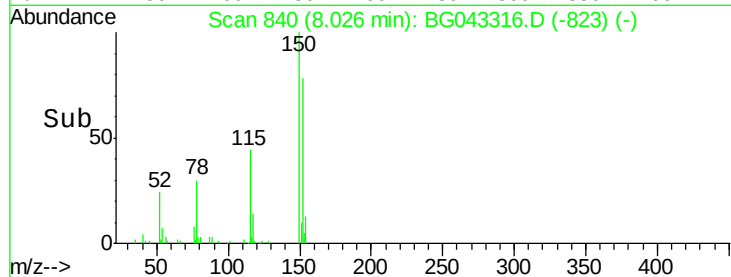
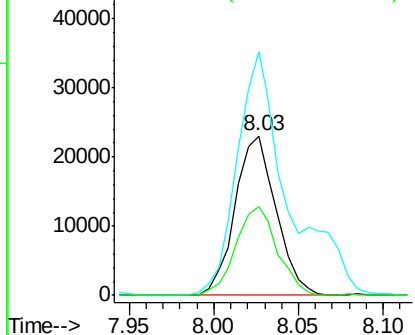
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tgt Ion:152 Resp: 38958
Ion Ratio Lower Upper
152 100
150 152.9 113.6 170.4
115 56.1 45.9 68.9



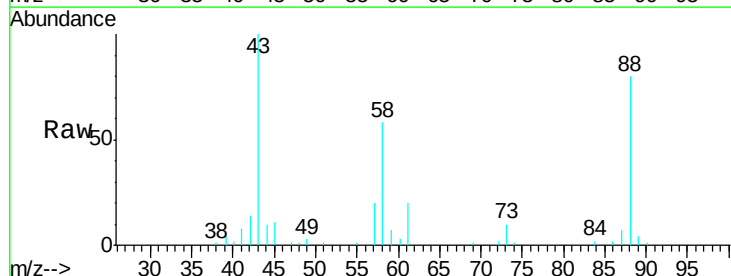
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



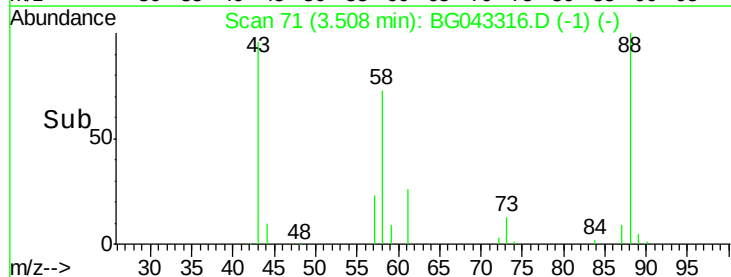
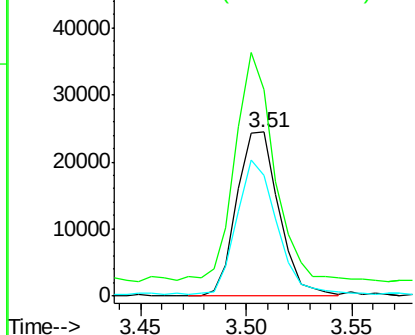
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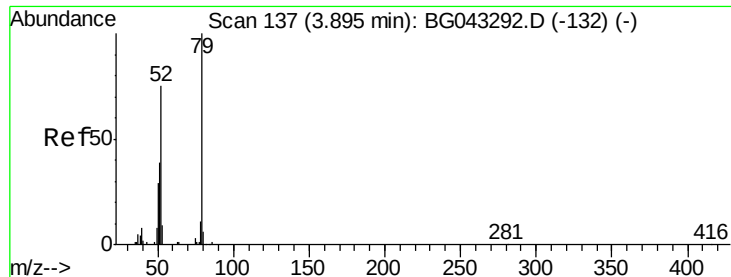
1,4-Dioxane
Concen: 40.813 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.02 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion: 88 Resp: 33813
Ion Ratio Lower Upper
88 100
58 79.2 60.2 90.2
43 129.9 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

Pyridine

Concen: 32.187 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.02 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

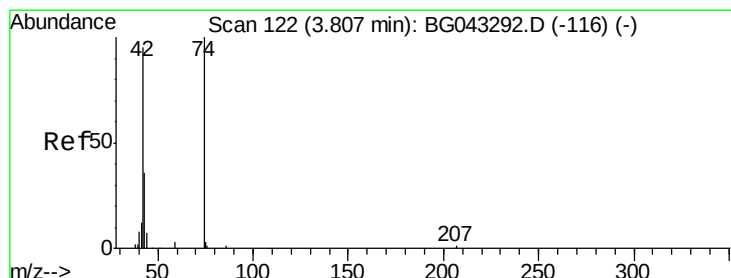
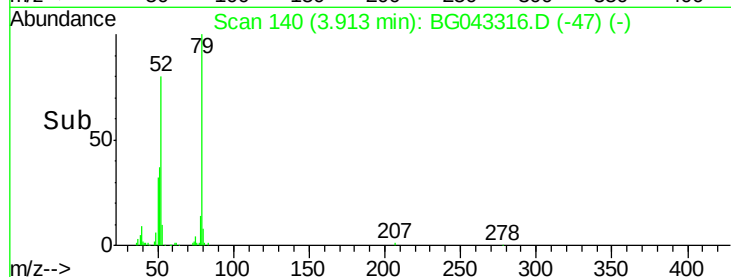
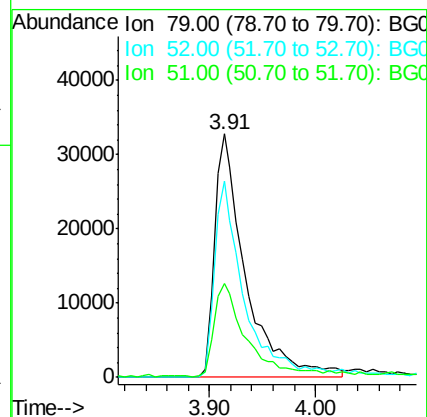
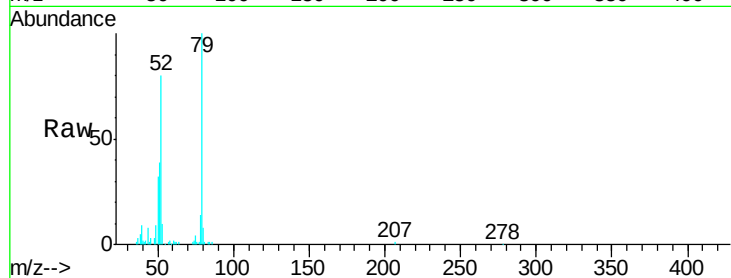
Tgt Ion: 79 Resp: 67267

Ion Ratio Lower Upper

79 100

52 80.4 59.7 89.5

51 38.7 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 49.552 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

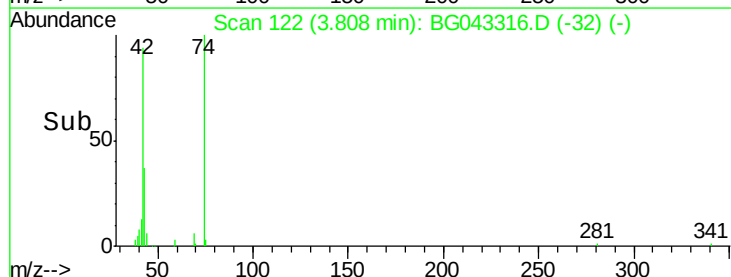
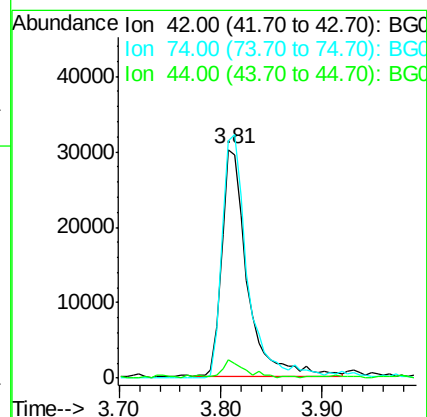
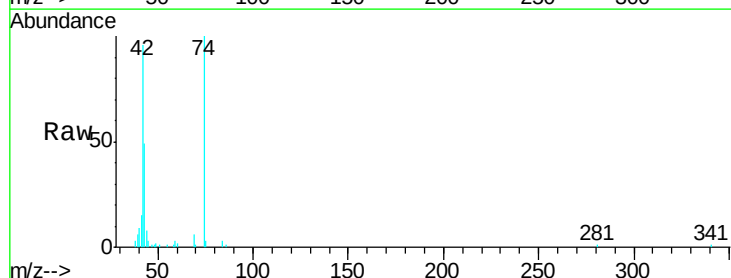
Tgt Ion: 42 Resp: 52257

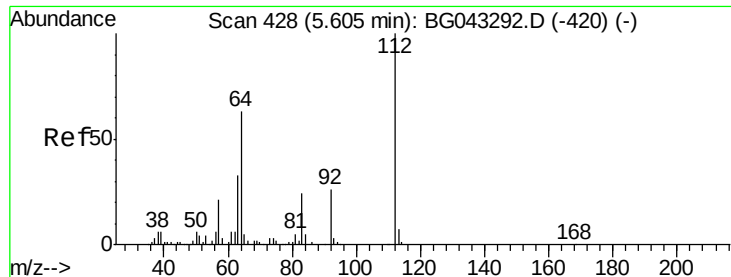
Ion Ratio Lower Upper

42 100

74 104.0 84.2 126.2

44 7.8 6.0 9.0





#5

2-Fluorophenol

Concen: 132.525 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

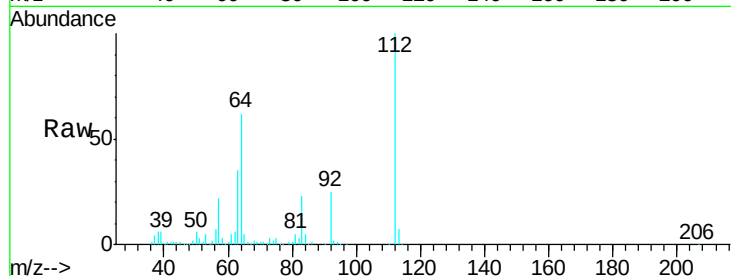
Tgt Ion: 112 Resp: 281750

Ion Ratio Lower Upper

112 100

64 61.8 50.2 75.2

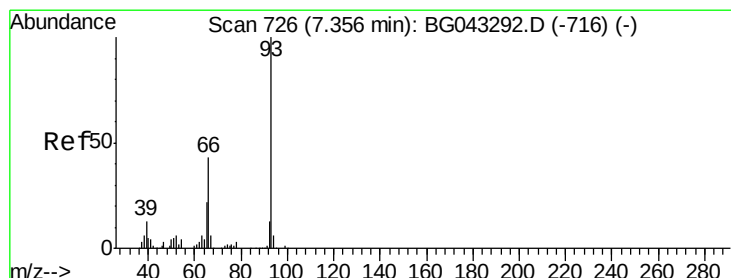
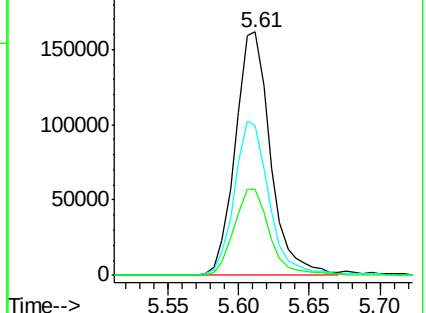
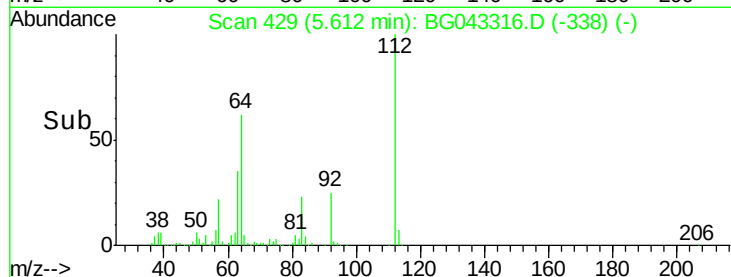
63 35.4 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.481 ng

RT: 7.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

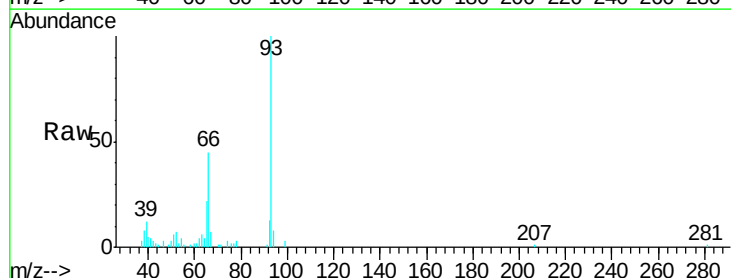
Tgt Ion: 93 Resp: 40456

Ion Ratio Lower Upper

93 100

66 45.0 34.5 51.7

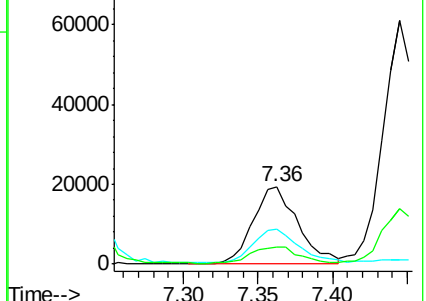
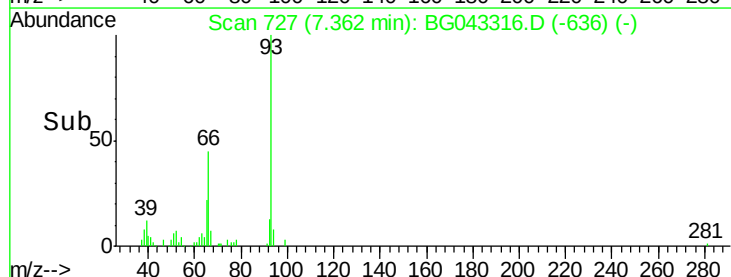
65 21.8 18.0 27.0

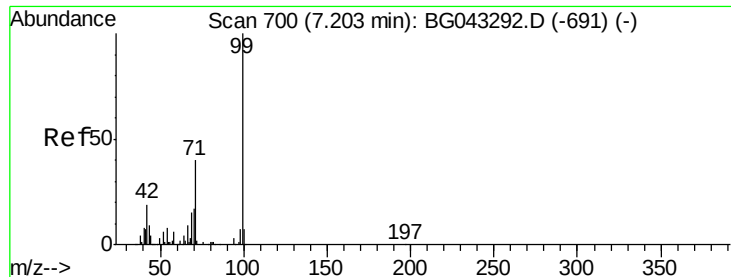


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.253 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

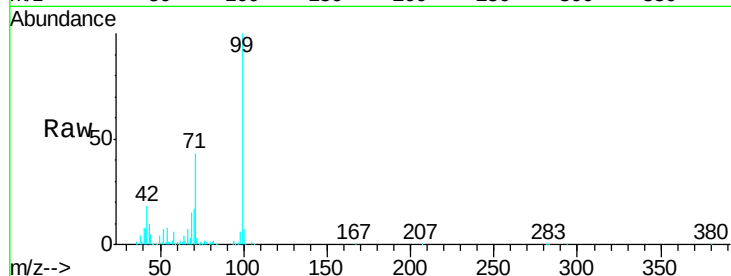
Tgt Ion: 99 Resp: 407597

Ion Ratio Lower Upper

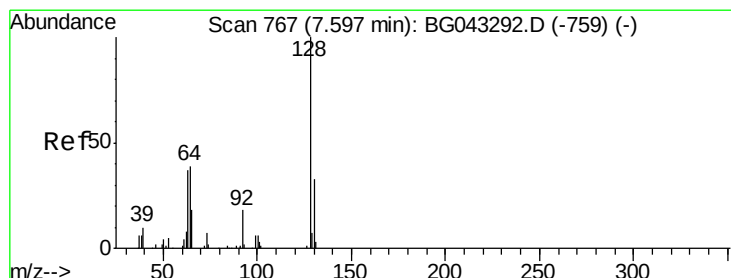
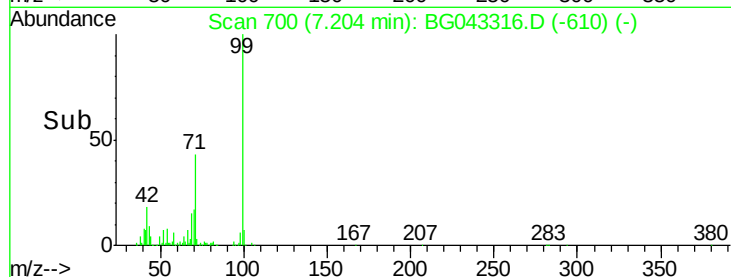
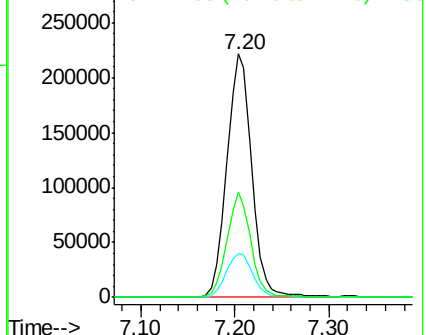
99 100

42 18.1 14.9 22.3

71 43.3 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: 49.471 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

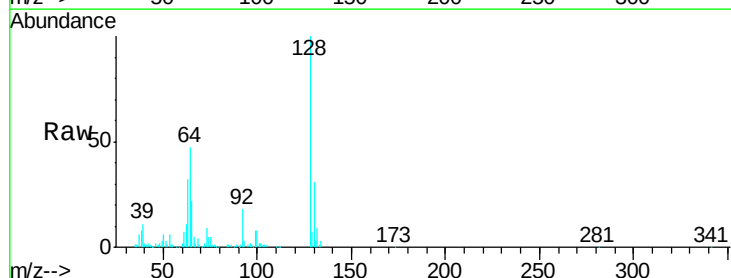
Tgt Ion: 128 Resp: 116103

Ion Ratio Lower Upper

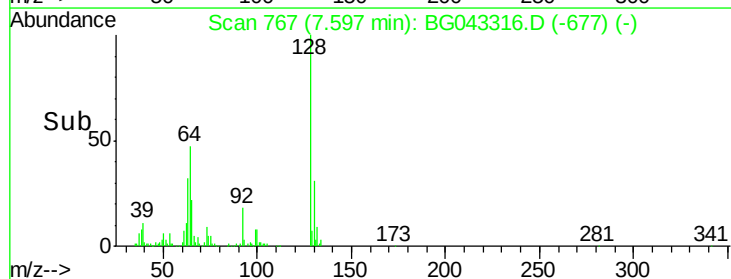
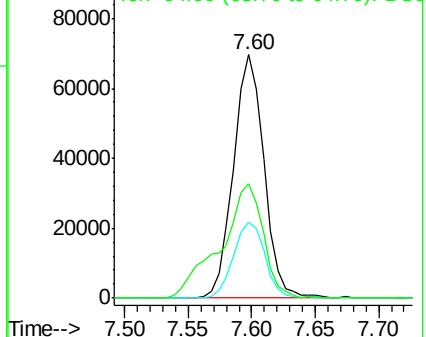
128 100

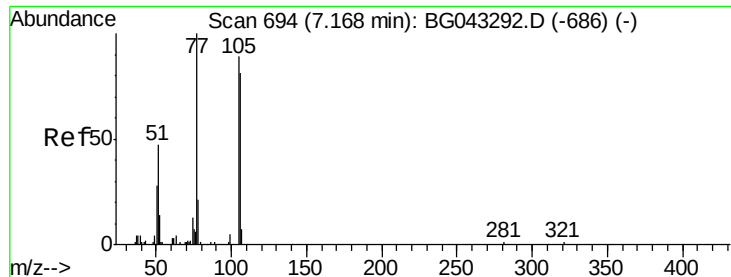
130 31.3 12.9 52.9

64 47.0 24.9 64.9



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





#9

Benzaldehyde

Concen: 15.721 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

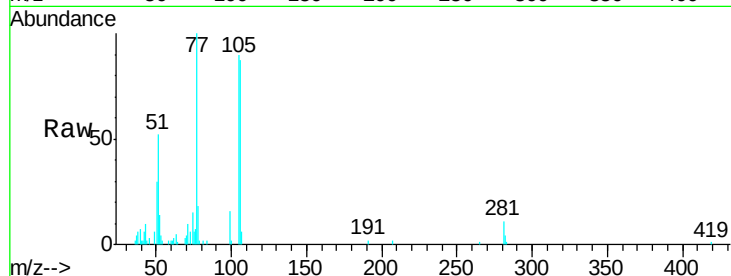
Tgt Ion: 77 Resp: 23633

Ion Ratio Lower Upper

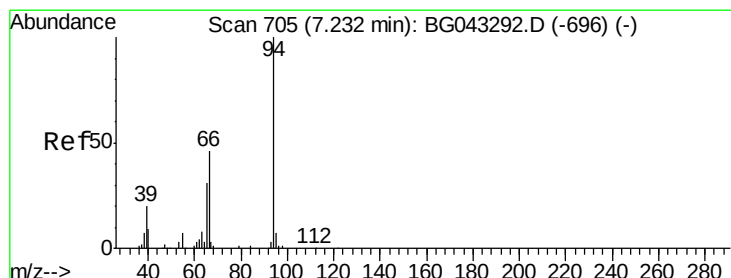
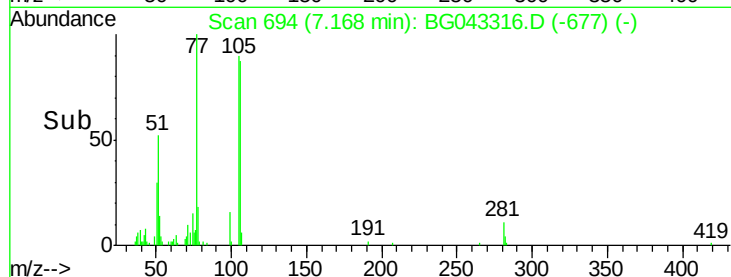
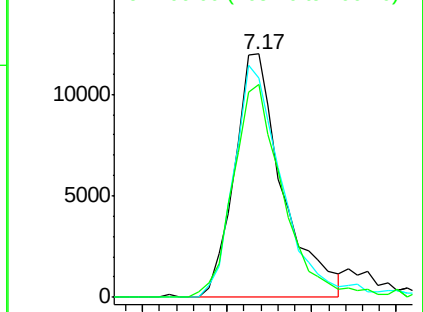
77 100

105 90.1 68.7 108.7

106 87.3 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: 49.978 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

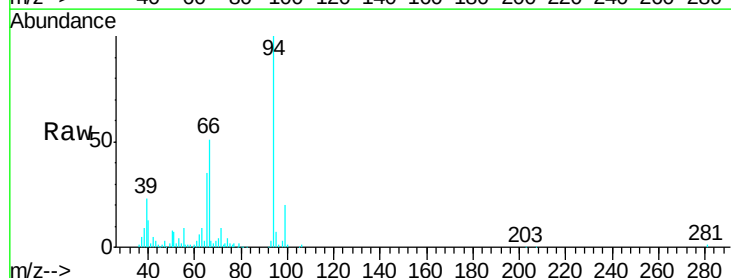
Tgt Ion: 94 Resp: 139695

Ion Ratio Lower Upper

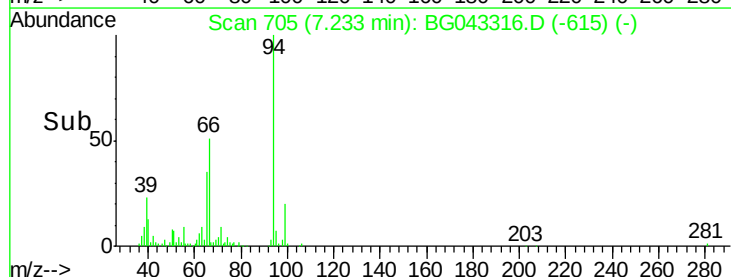
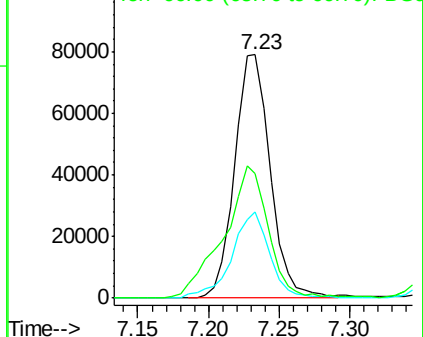
94 100

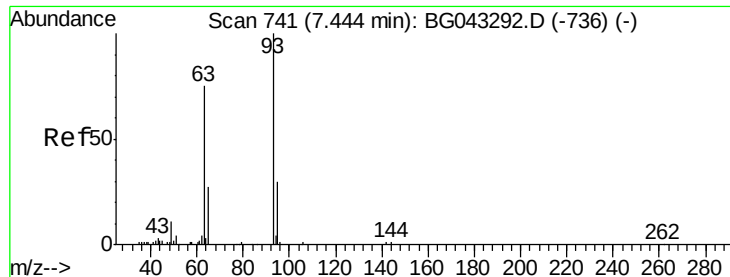
65 35.3 11.1 51.1

66 51.4 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

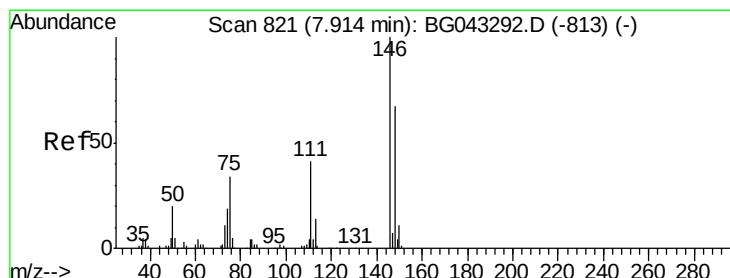
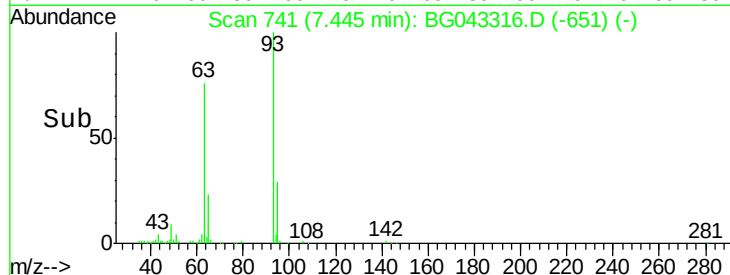
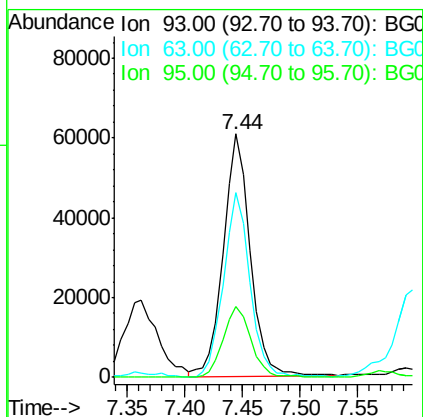
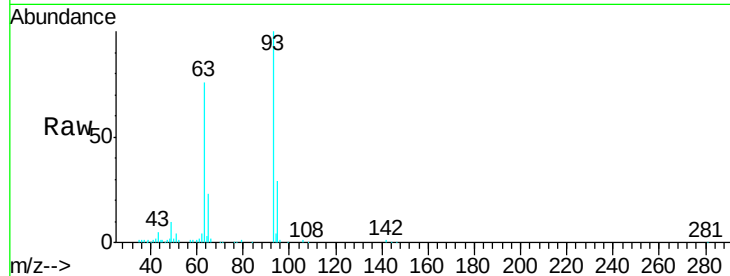




#11
 bis(2-Chloroethyl)ether
 Concen: 45.044 ng
 RT: 7.44 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

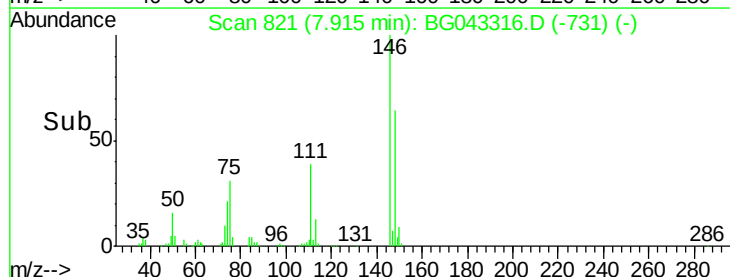
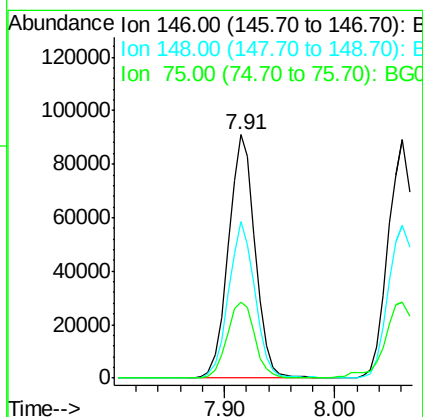
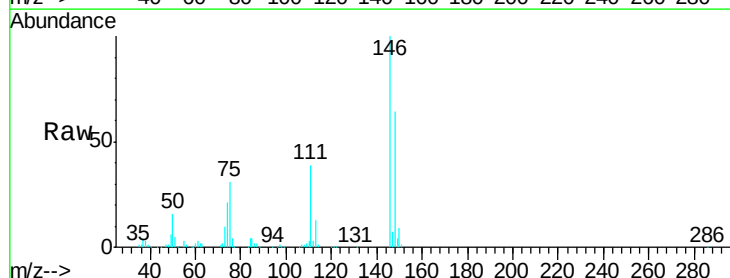
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

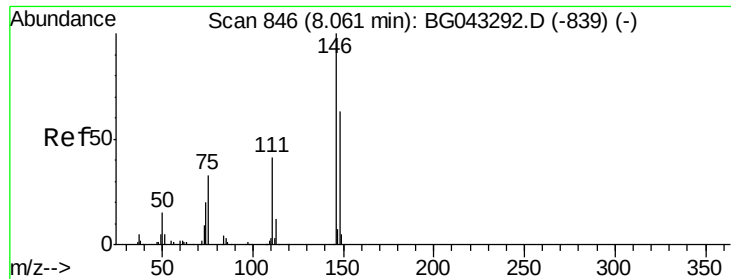
Tgt Ion: 93 Resp: 97341
 Ion Ratio Lower Upper
 93 100
 63 76.1 54.6 94.6
 95 29.1 9.7 49.7



#12
 1,3-Dichlorobenzene
 Concen: 52.126 ng
 RT: 7.91 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion: 146 Resp: 153274
 Ion Ratio Lower Upper
 146 100
 148 64.2 53.4 80.2
 75 31.4 27.0 40.4

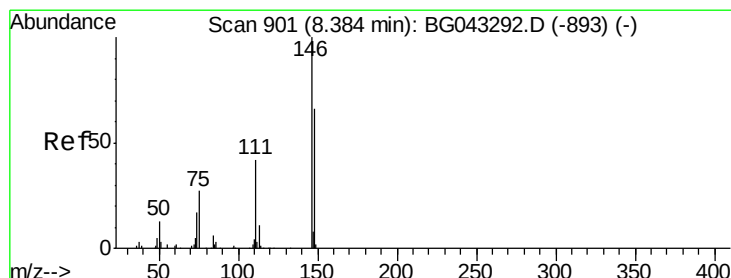
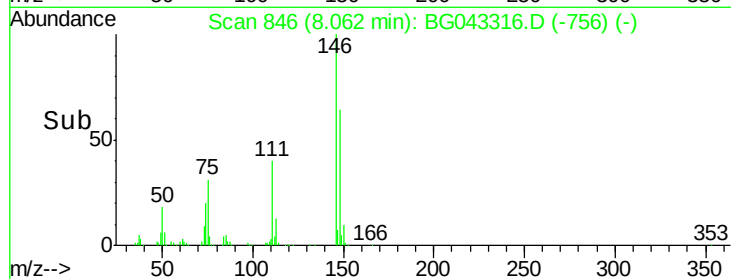
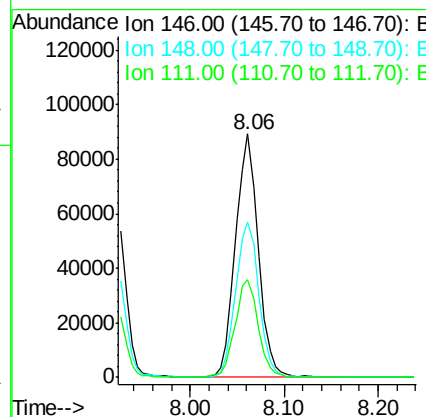
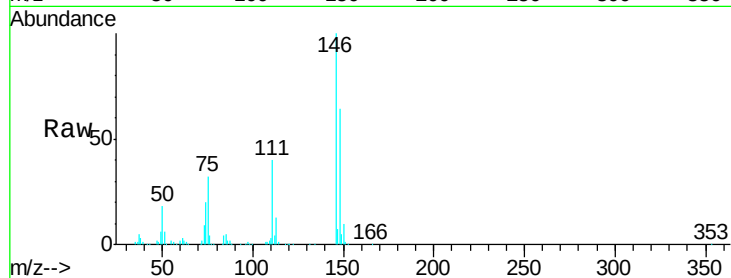




#13
 1,4-Dichlorobenzene
 Concen: 50.530 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

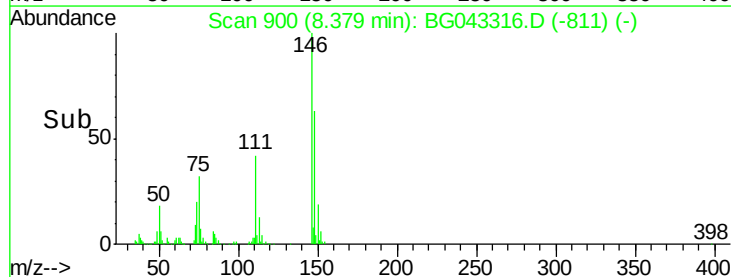
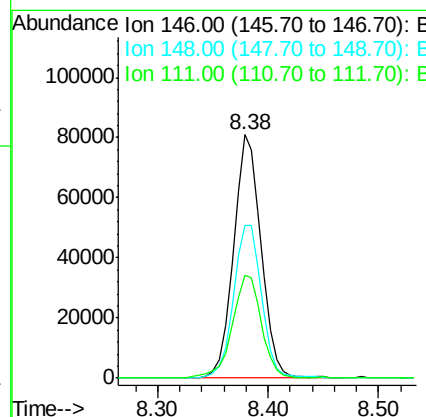
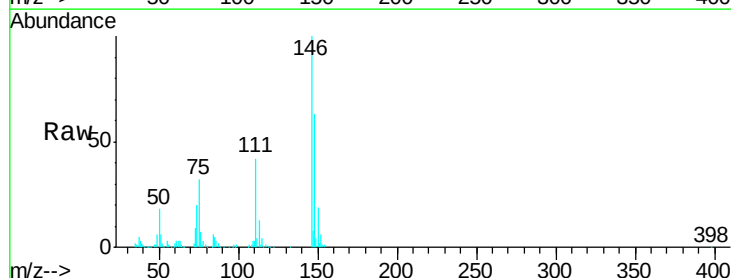
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

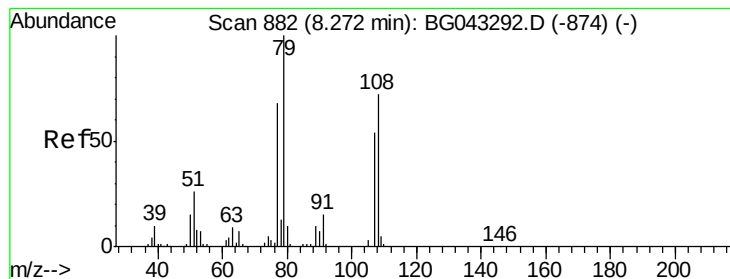
Tgt Ion:146 Resp: 150328
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.7 76.1
 111 40.1 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 48.558 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion:146 Resp: 141050
 Ion Ratio Lower Upper
 146 100
 148 62.7 53.0 79.4
 111 42.4 34.5 51.7





#15

Benzyl Alcohol

Concen: 44.725 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

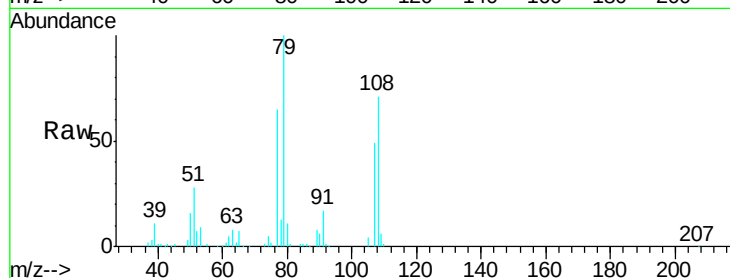
Tgt Ion: 79 Resp: 96080

Ion Ratio Lower Upper

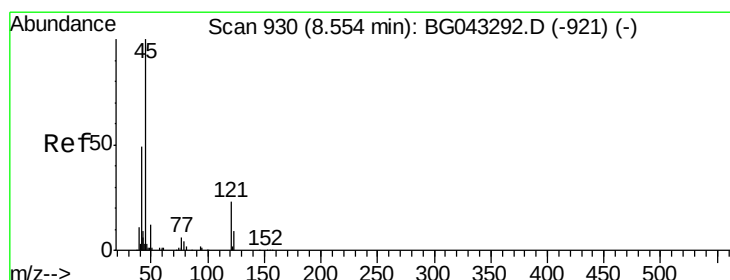
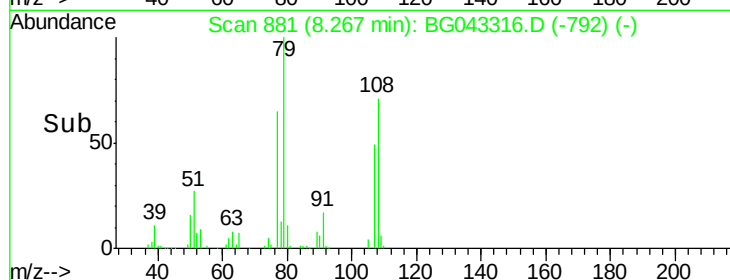
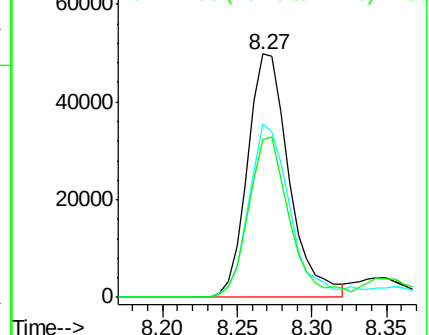
79 100

108 70.9 57.3 85.9

77 65.1 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: 43.781 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

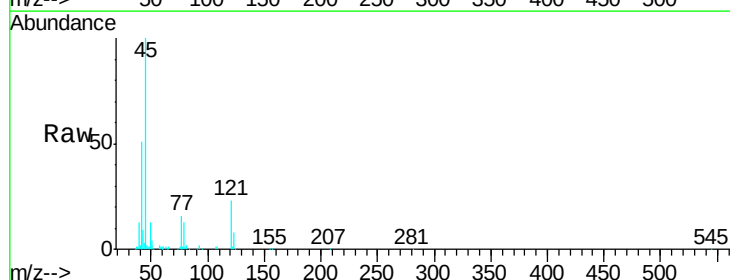
Tgt Ion: 45 Resp: 137574

Ion Ratio Lower Upper

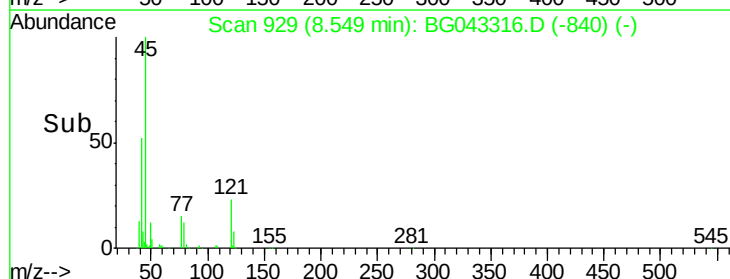
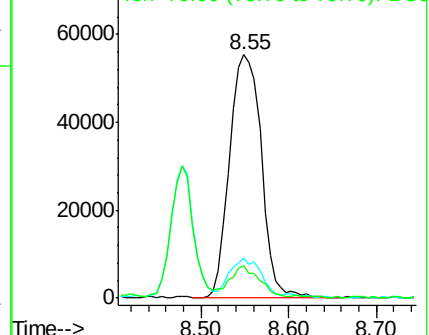
45 100

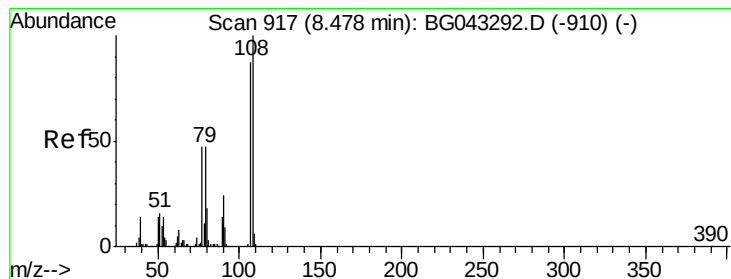
77 16.4 0.0 34.2

79 13.2 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: 48.694 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

Tgt Ion:107 Resp: 99221

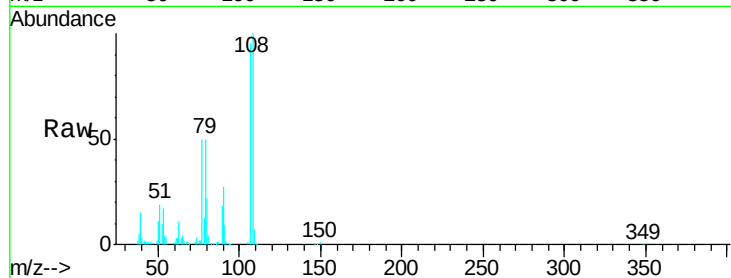
Ion Ratio Lower Upper

107 100

108 105.6 91.3 136.9

77 52.9 43.0 64.6

79 53.1 43.4 65.2

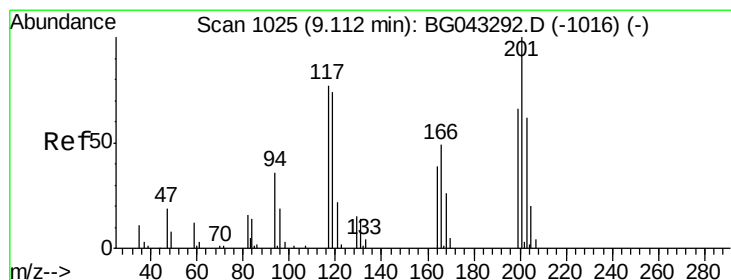
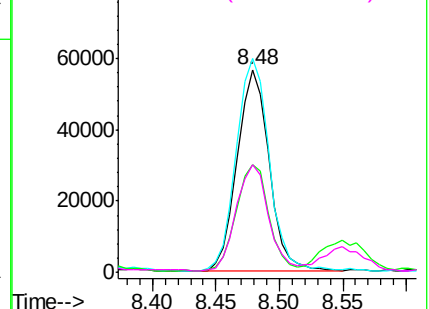
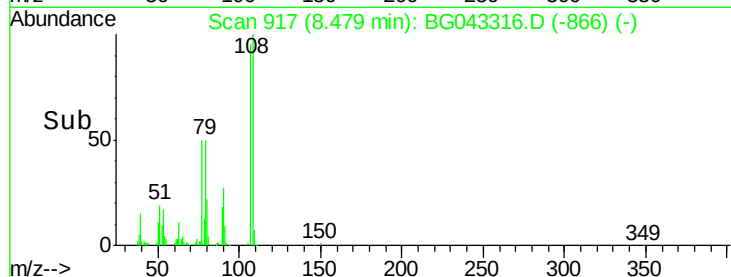


Abundance Ion 107.00 (106.70 to 107.70): E

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: 51.567 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

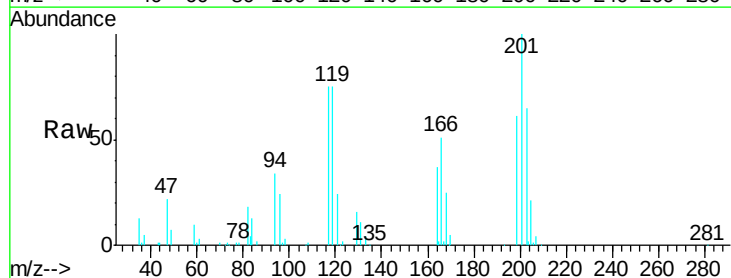
Tgt Ion:117 Resp: 55349

Ion Ratio Lower Upper

117 100

119 100.4 77.3 115.9

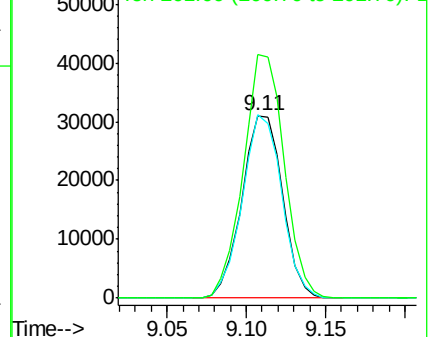
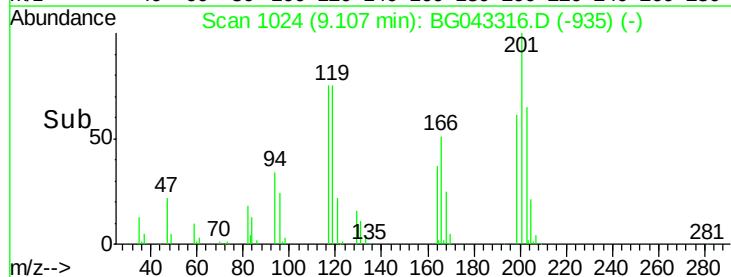
201 133.6 104.2 156.4

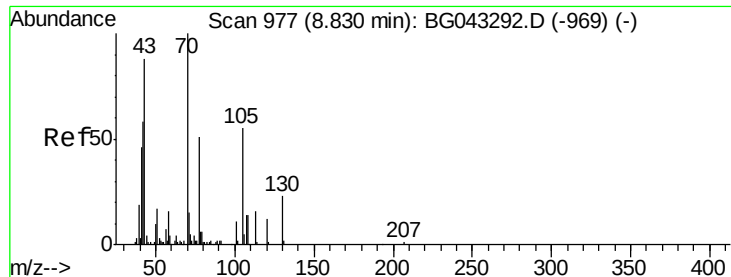


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

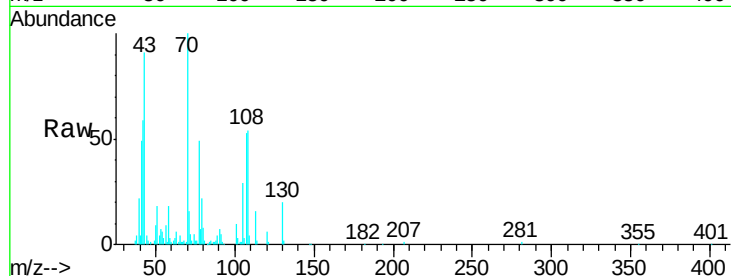




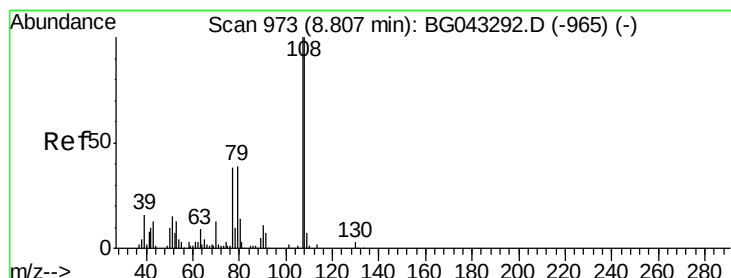
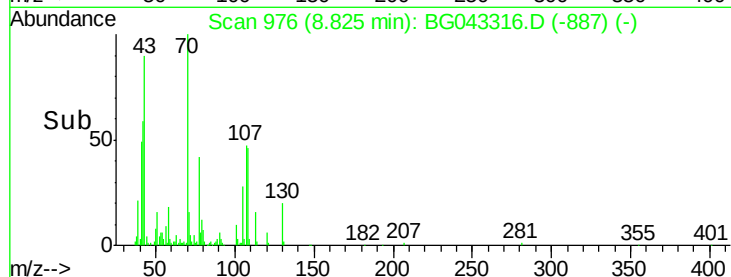
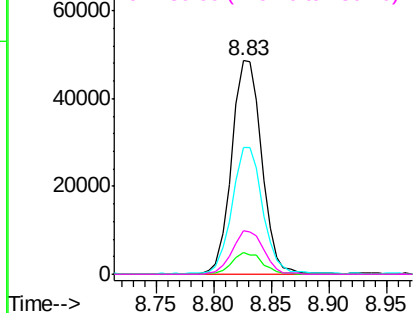
#19
n-Nitroso-di-n-propylamine
Concen: 44.334 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tgt Ion:	70	Resp:	87628
Ion	Ratio	Lower	Upper
70	100		
42	59.2	46.2	69.2
101	10.3	8.6	13.0
130	20.3	18.6	27.8

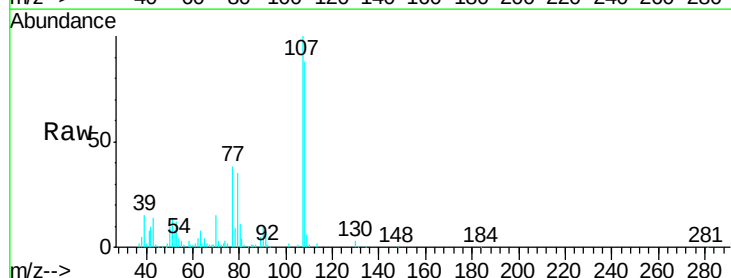


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

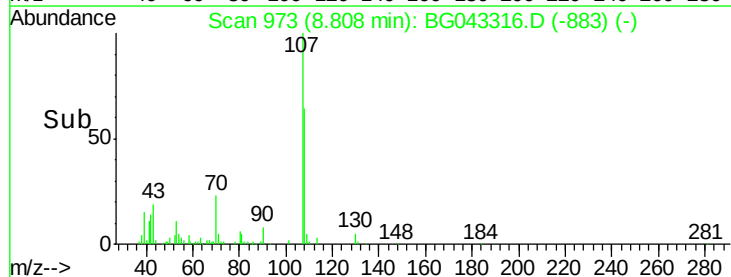
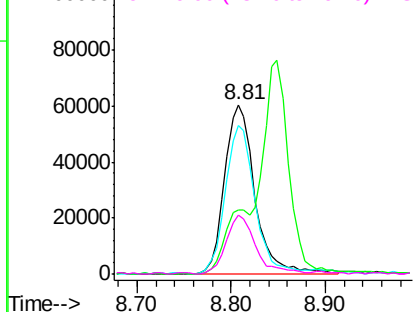


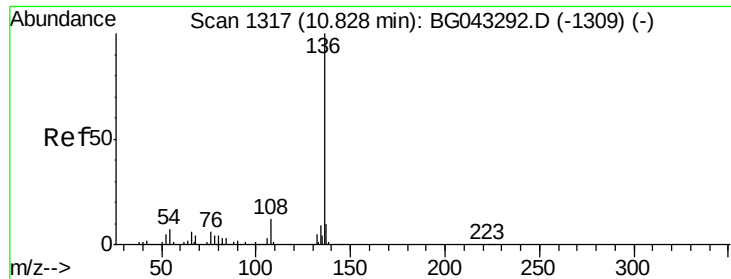
#20
3+4-Methylphenols
Concen: 48.716 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion:	107	Resp:	136120
Ion	Ratio	Lower	Upper
107	100		
108	88.2	80.3	120.3
77	37.5	18.2	58.2
79	34.5	18.8	58.8



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

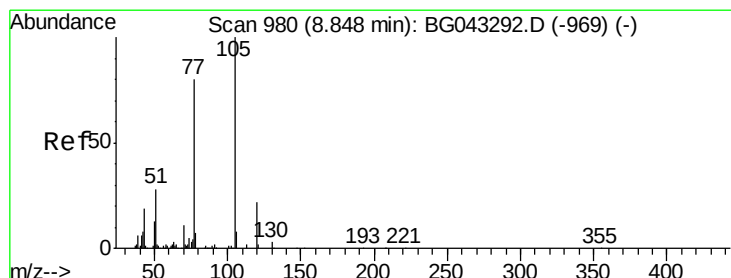
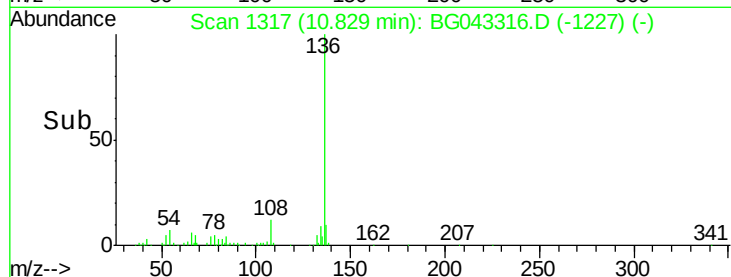
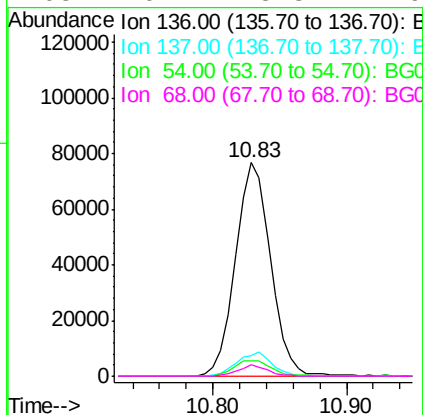
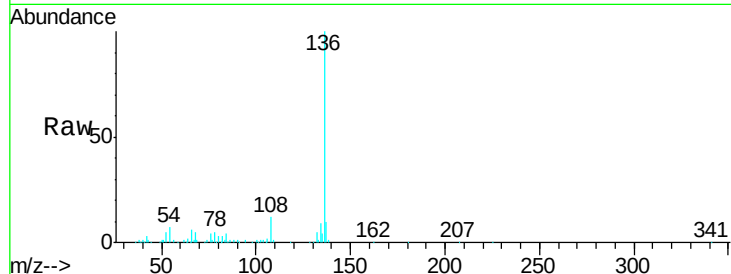




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

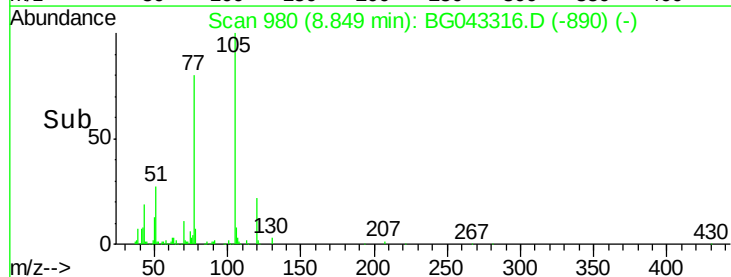
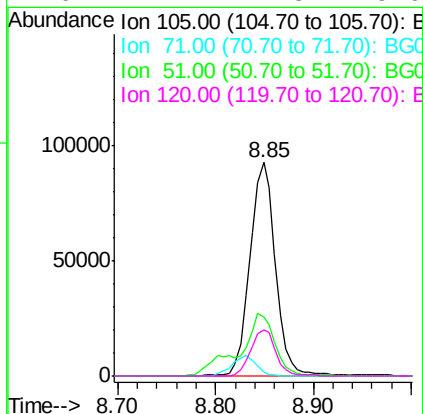
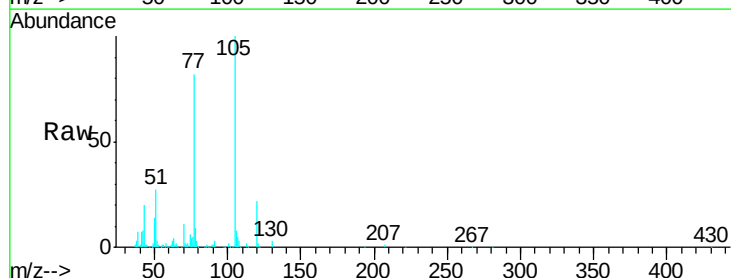
Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

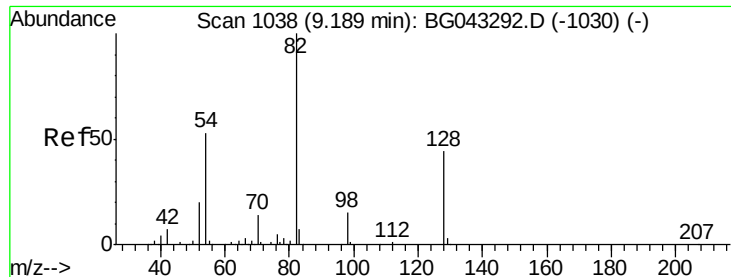
Tgt Ion:	136	Resp:	139858
Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.2	12.2
54	7.0	5.4	8.2
68	6.1	3.3	4.9#



#22
Acetophenone
Concen: 47.585 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion:	105	Resp:	170433
Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.5	2.3
51	27.3	23.9	35.9
120	21.7	17.3	25.9

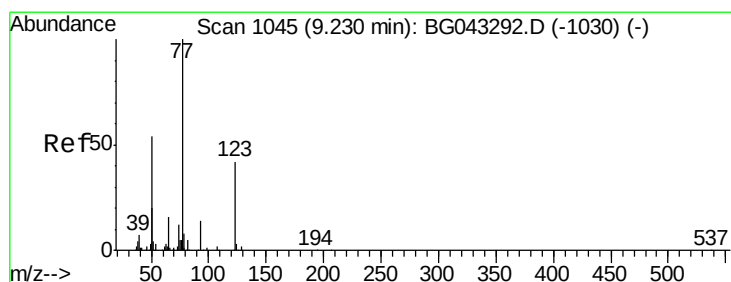
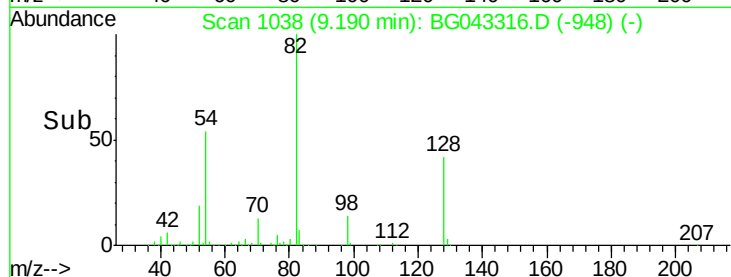
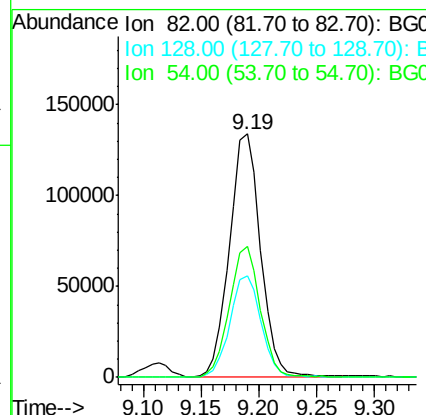
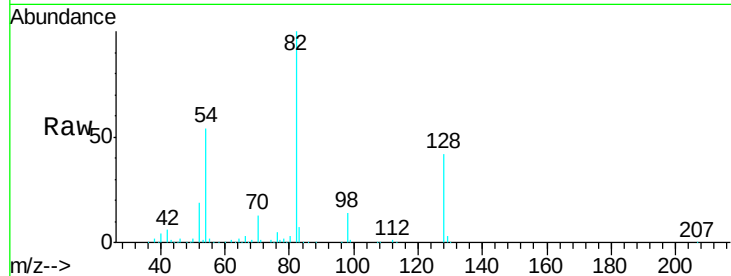




#23
Nitrobenzene-d5
Concen: 92.200 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

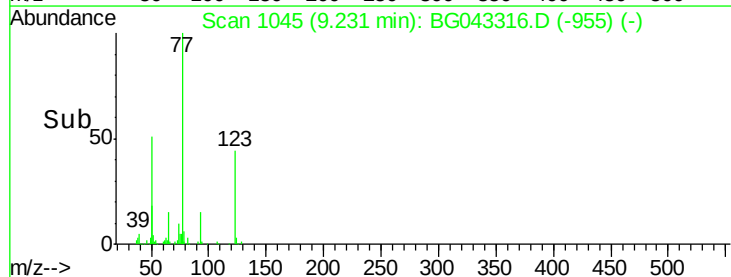
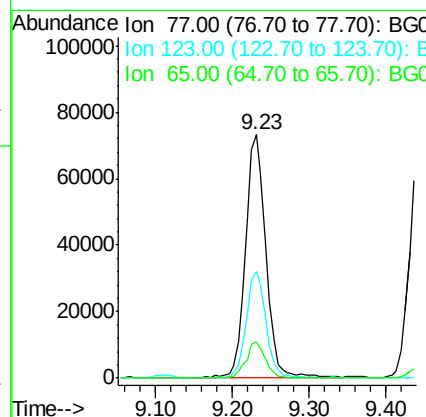
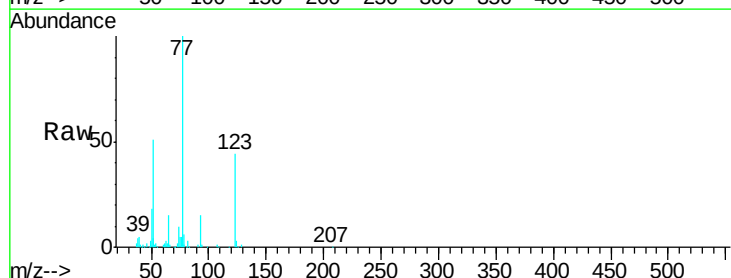
Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

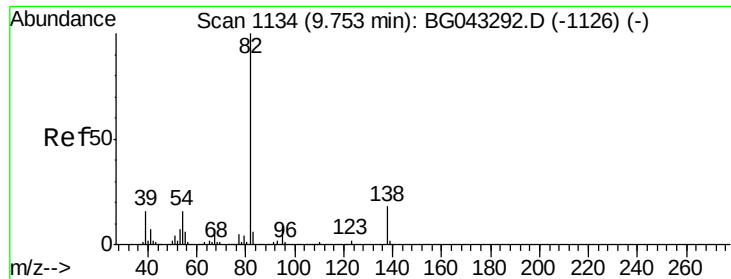
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.3	52.9
54	53.9	42.3	63.5



#24
Nitrobenzene
Concen: 52.783 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	33.8	50.8
65	14.7	13.0	19.4





#25

Isophorone

Concen: 52.102 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

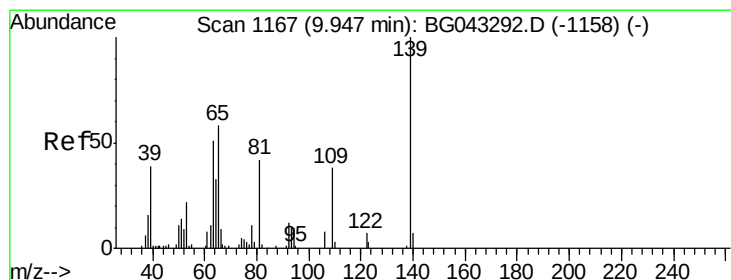
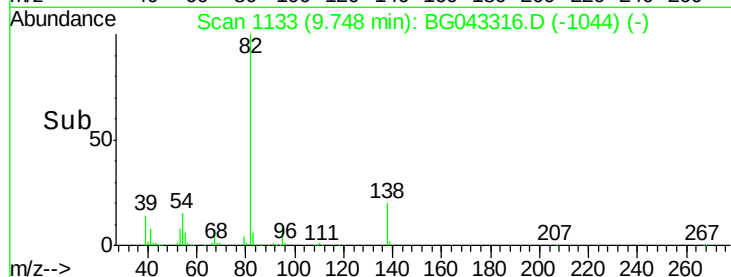
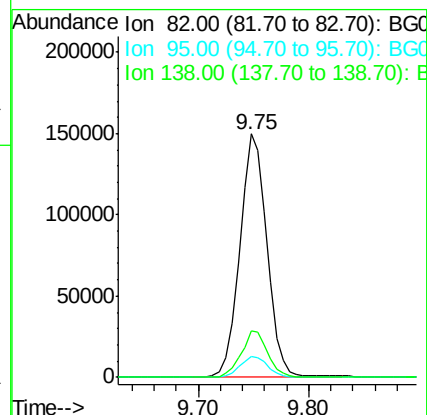
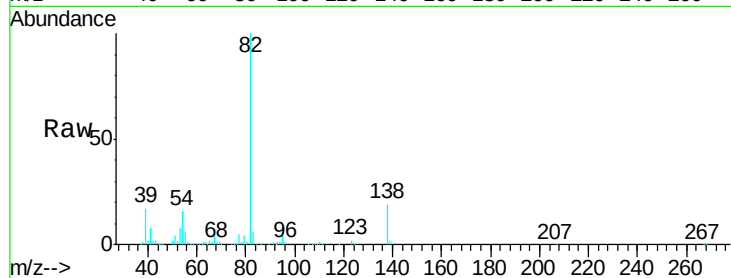
Tgt Ion: 82 Resp: 258413

Ion Ratio Lower Upper

82 100

95 8.5 6.9 10.3

138 19.2 14.2 21.2



#26

2-Nitrophenol

Concen: 54.763 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

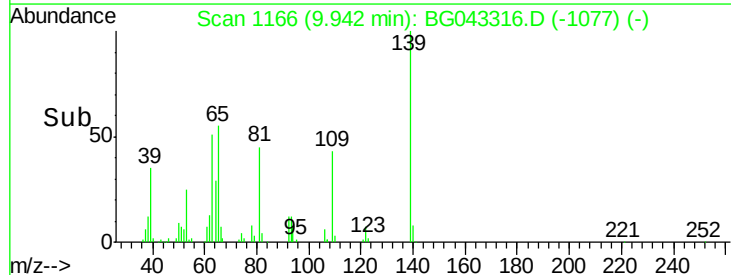
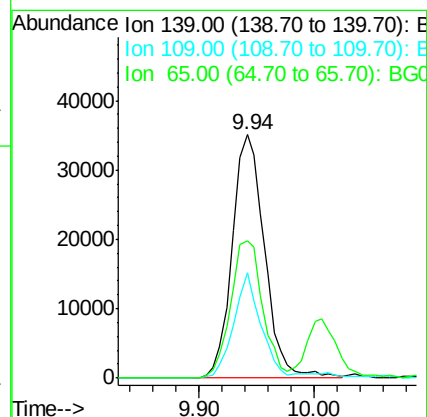
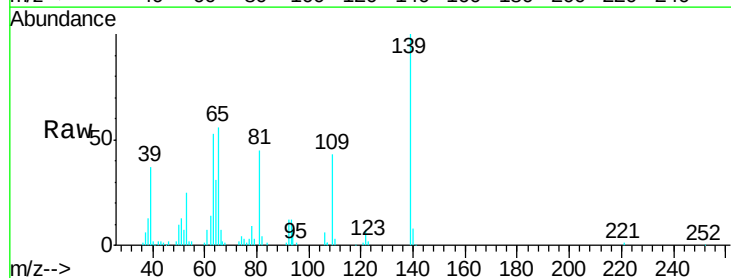
Tgt Ion: 139 Resp: 68324

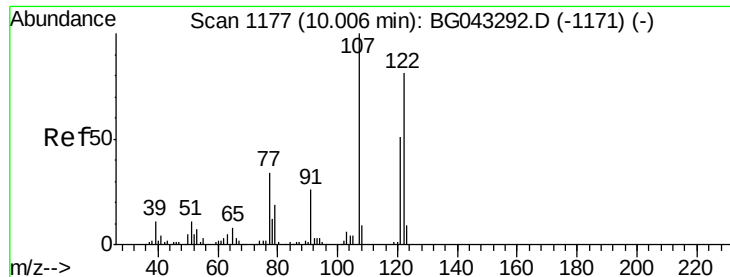
Ion Ratio Lower Upper

139 100

109 43.1 30.1 45.1

65 56.3 46.1 69.1

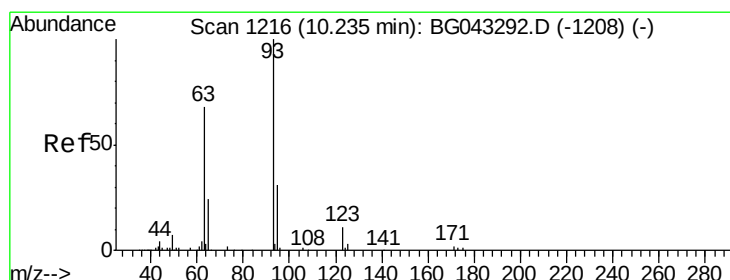
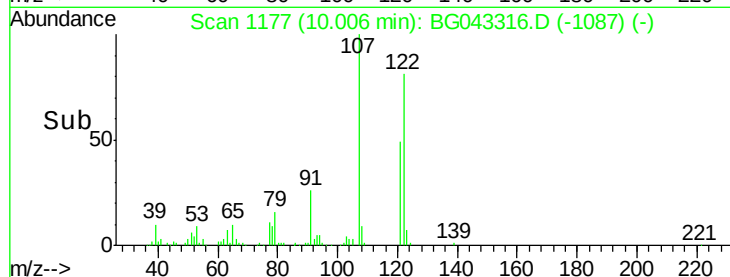
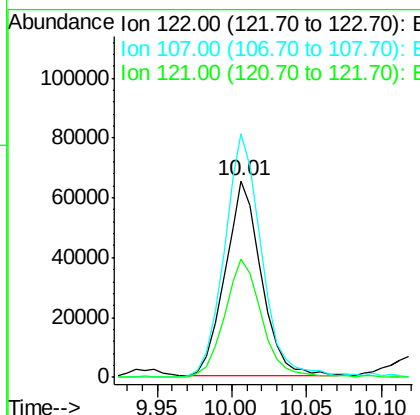
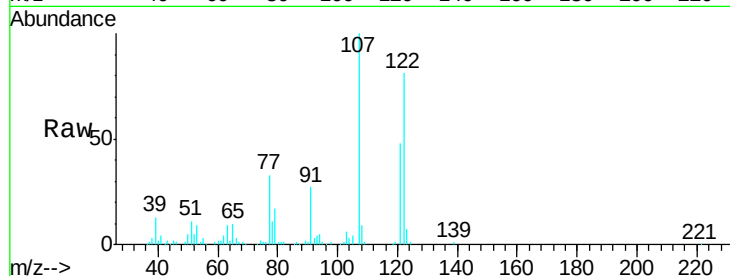




#27
 2,4-Dimethylphenol
 Concen: 61.434 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

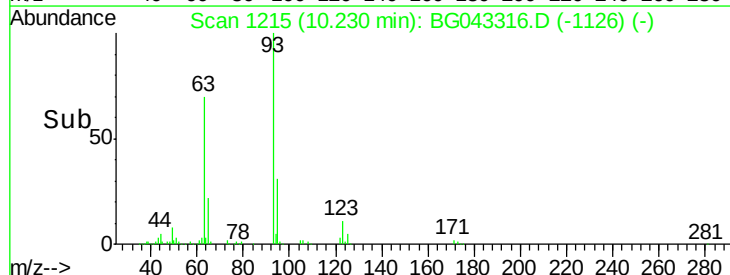
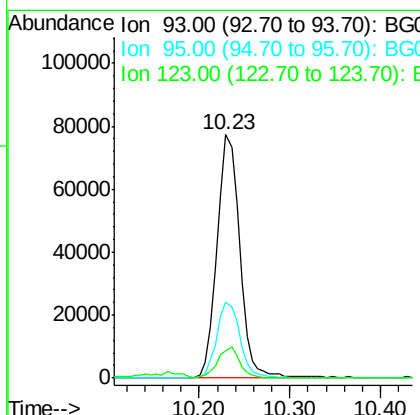
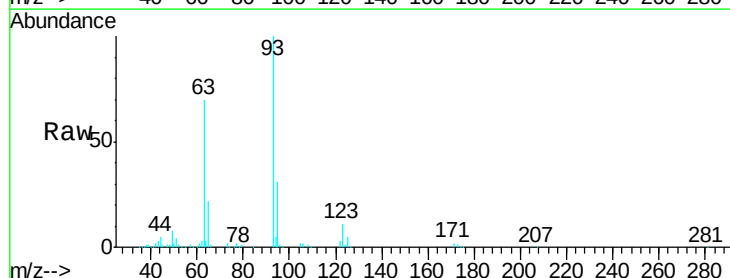
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

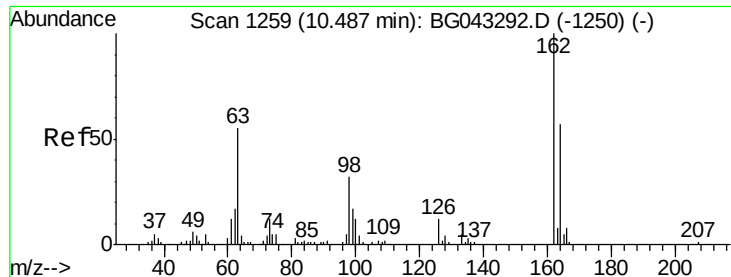
Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.9	98.6	147.8
121	60.0	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.550 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	24.9	37.3
123	11.1	8.9	13.3

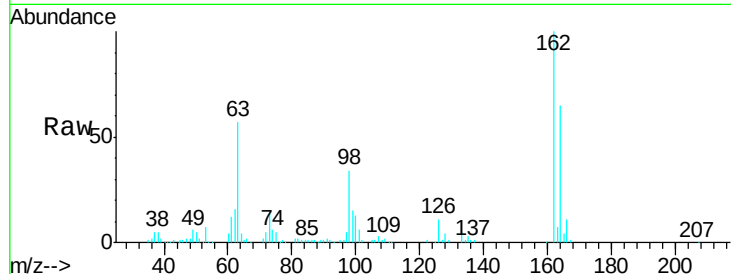




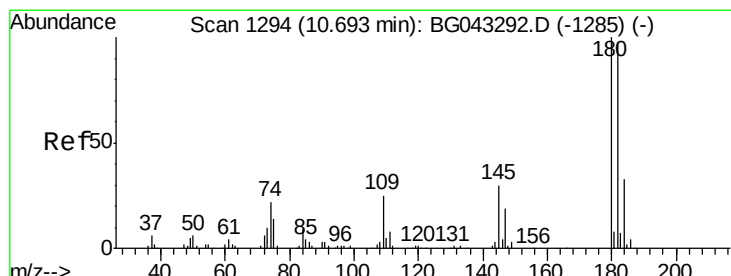
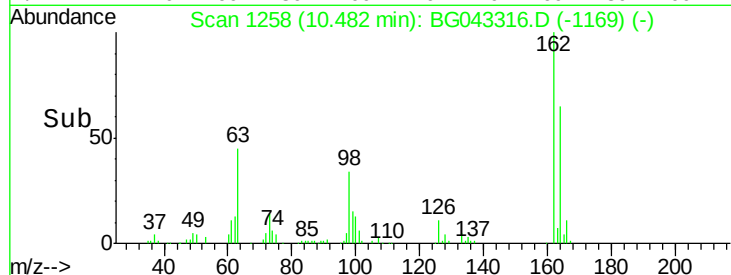
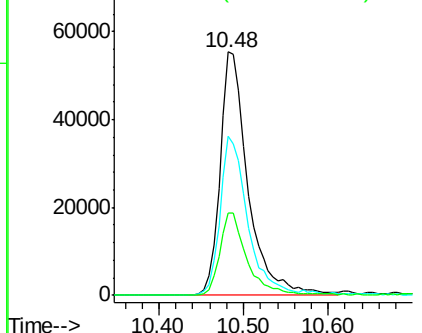
#29
 2,4-Dichlorophenol
 Concen: 55.668 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

Tgt Ion:	162	Resp:	127546
Ion	Ratio	Lower	Upper
162	100		
164	65.2	37.3	77.3
98	33.9	11.8	51.8

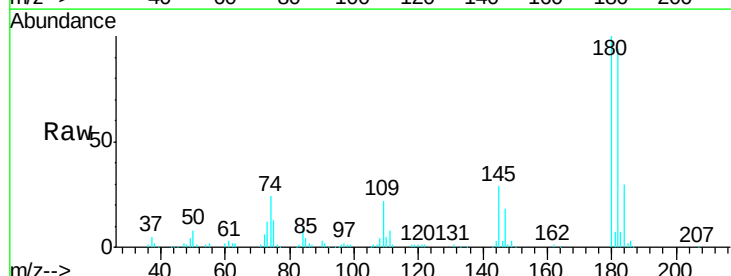


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

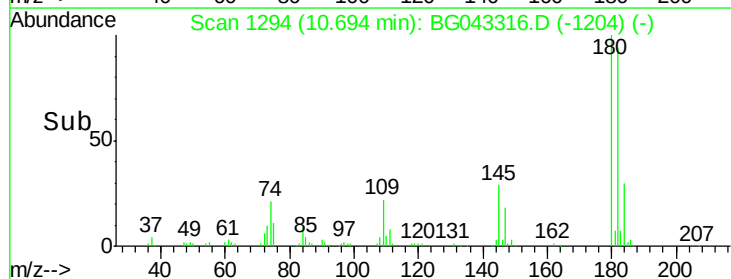
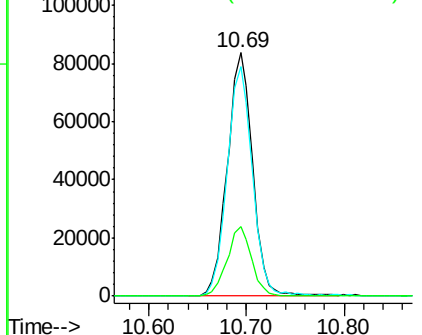


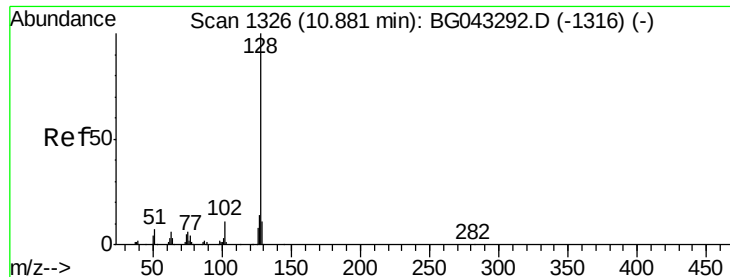
#30
 1,2,4-Trichlorobenzene
 Concen: 52.086 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion:	180	Resp:	150410
Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.8	116.8
145	28.6	23.6	35.4



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

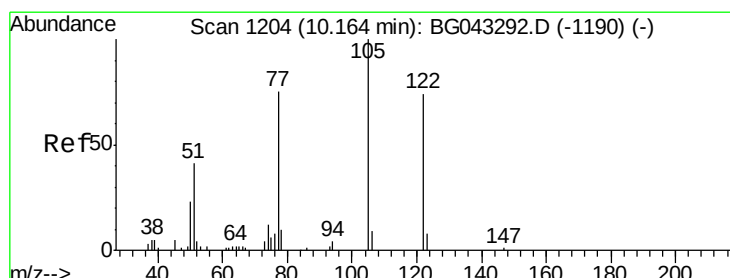
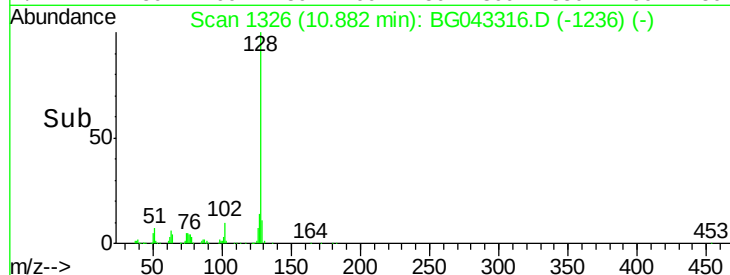
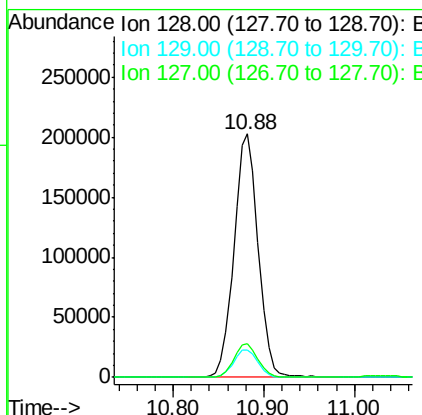
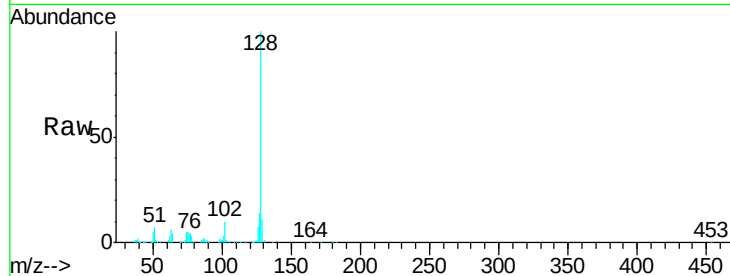




#31
Naphthalene
Concen: 52.893 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

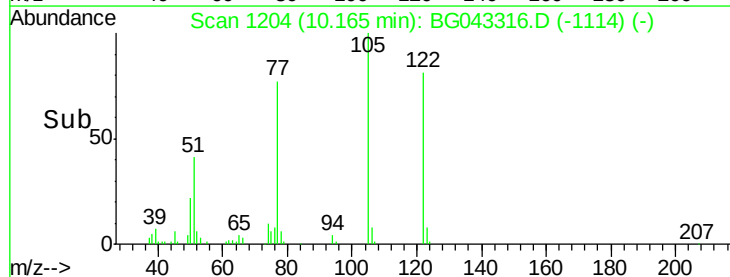
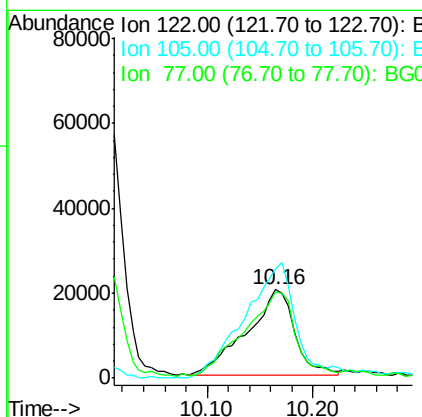
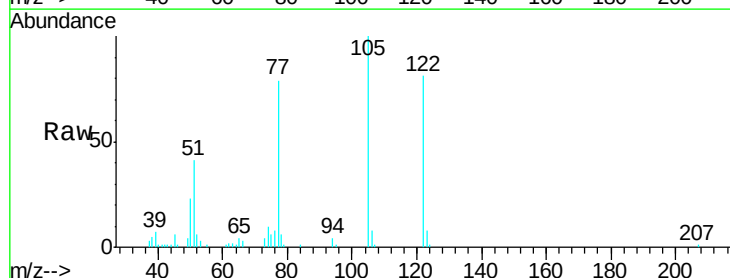
Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

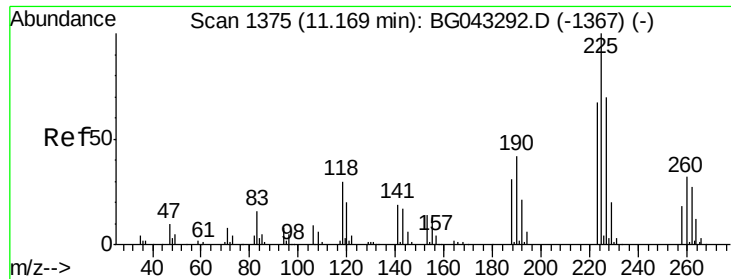
Tgt Ion:128 Resp: 375493
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.8 11.5 17.3



#32
Benzoic acid
Concen: 46.865 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion:122 Resp: 63629
Ion Ratio Lower Upper
122 100
105 123.7 112.4 152.4
77 98.0 82.7 122.7





#34

Hexachlorobutadiene

Concen: 50.314 ng

RT: 11.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

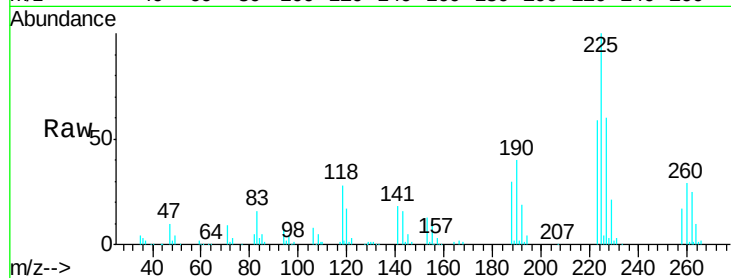
Tgt Ion: 225 Resp: 107403

Ion Ratio Lower Upper

225 100

223 58.7 53.2 79.8

227 60.1 56.2 84.2

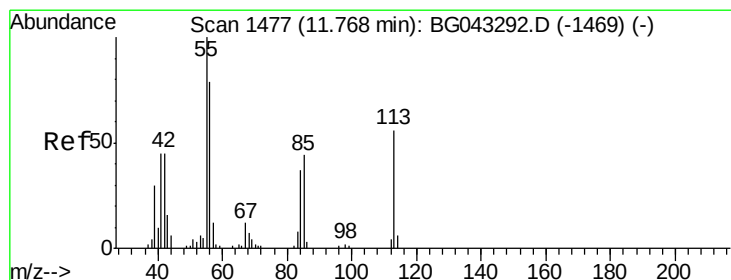
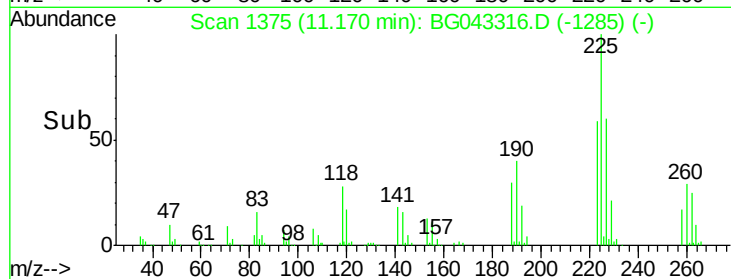
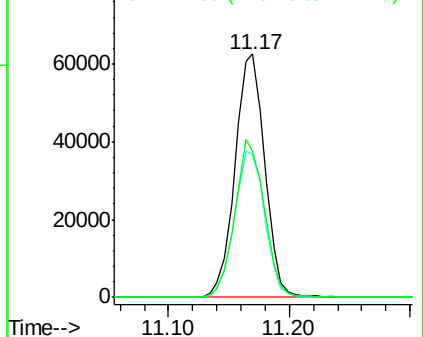


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 24.906 ng

RT: 11.77 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

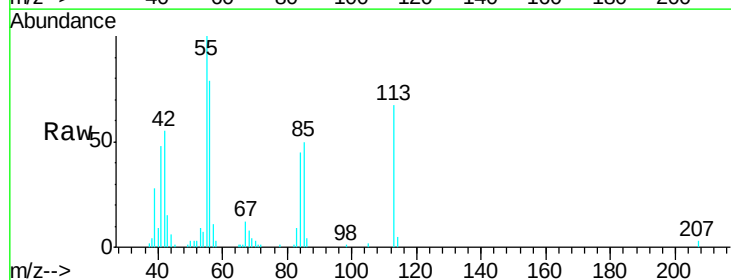
Tgt Ion: 113 Resp: 19653

Ion Ratio Lower Upper

113 100

55 148.9 158.9 198.9#

56 118.3 121.4 161.4#

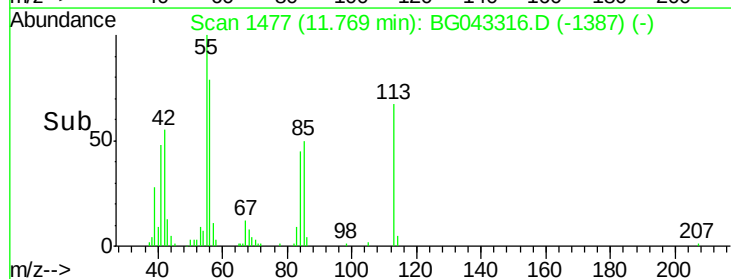
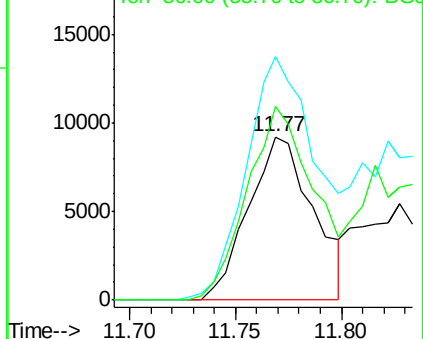


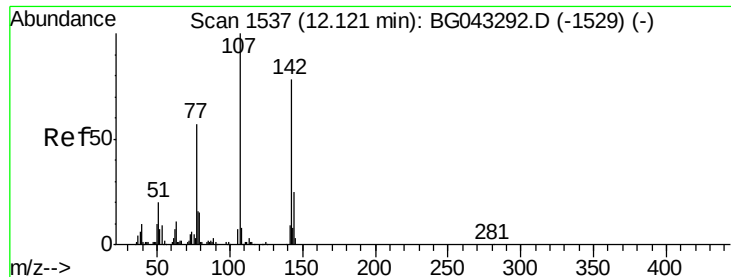
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

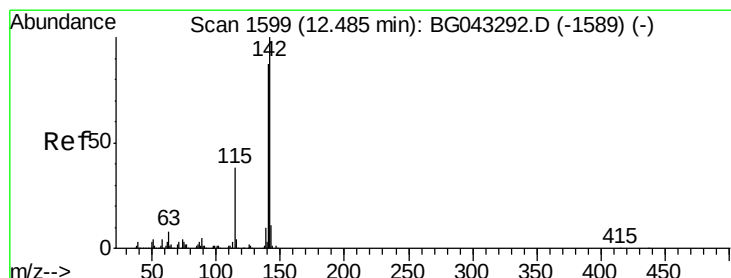
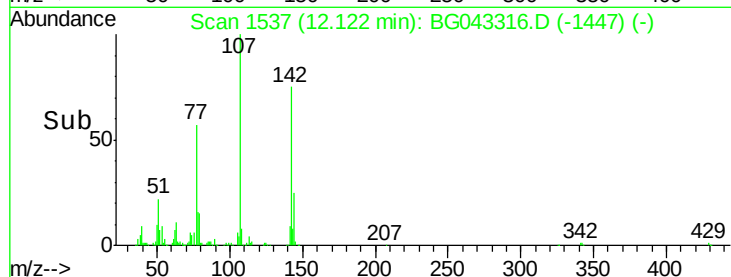
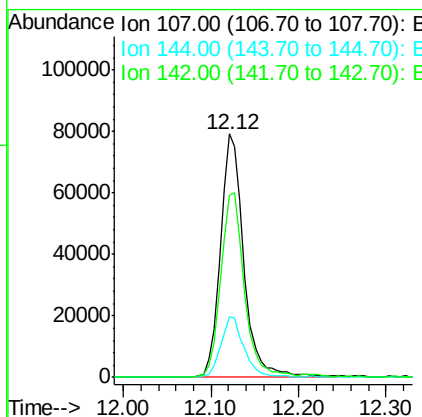
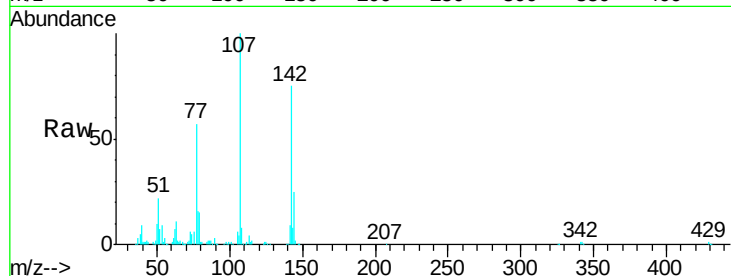




#36
 4-Chloro-3-methylphenol
 Concen: 58.556 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

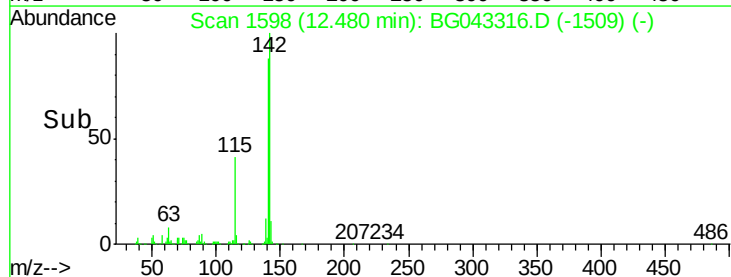
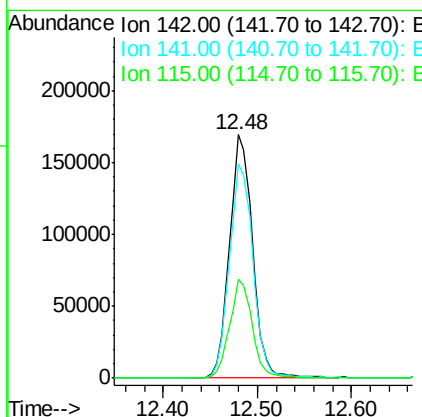
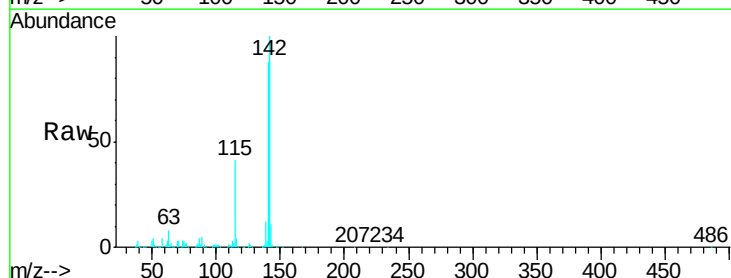
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

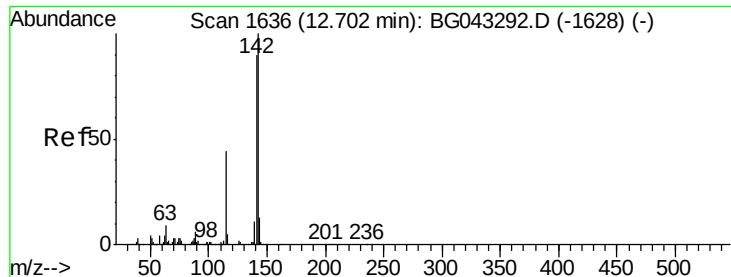
Tgt Ion:107 Resp: 146343
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.9 29.9
 142 74.8 62.1 93.1



#37
 2-Methylnaphthalene
 Concen: 53.438 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion:142 Resp: 291077
 Ion Ratio Lower Upper
 142 100
 141 88.1 69.7 104.5
 115 40.8 30.6 46.0

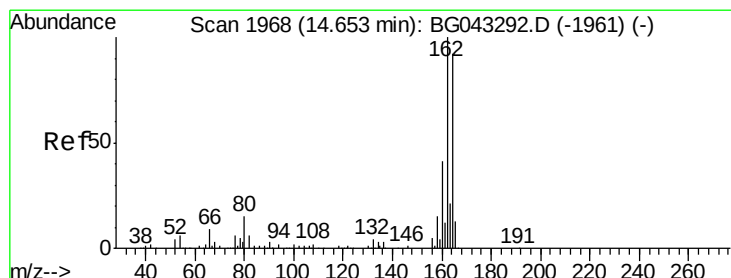
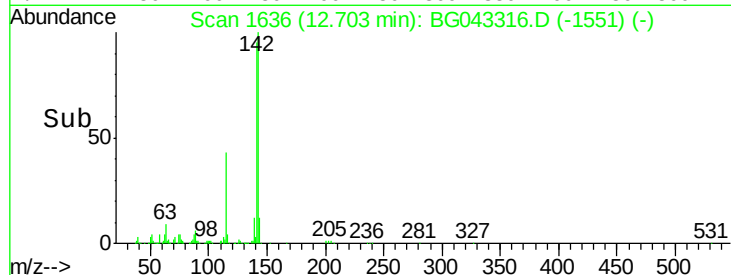
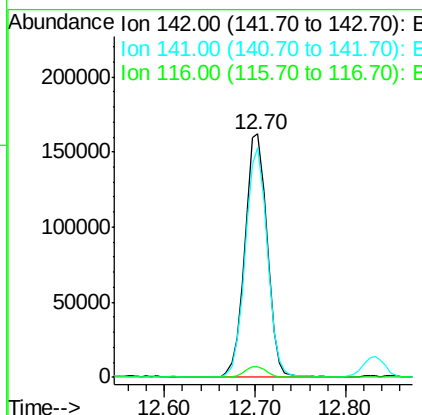
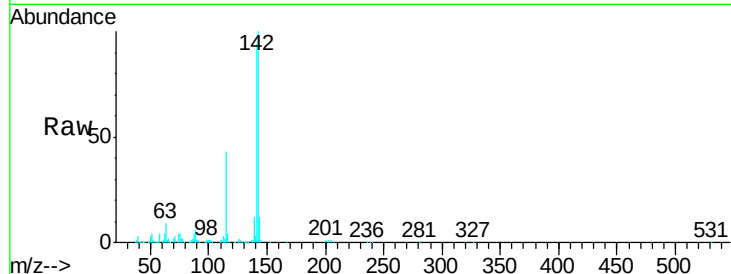




#38
1-Methylnaphthalene
Concen: 52.902 ng
RT: 12.70 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

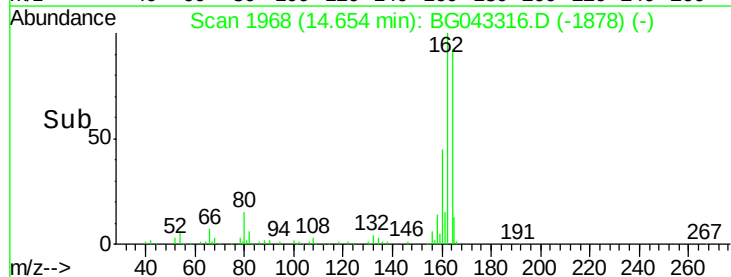
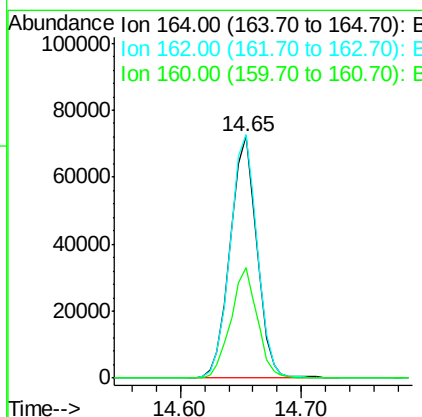
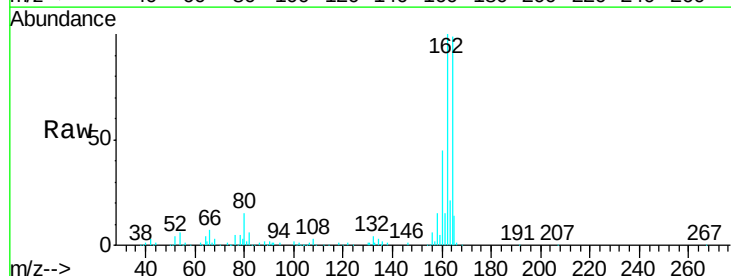
Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

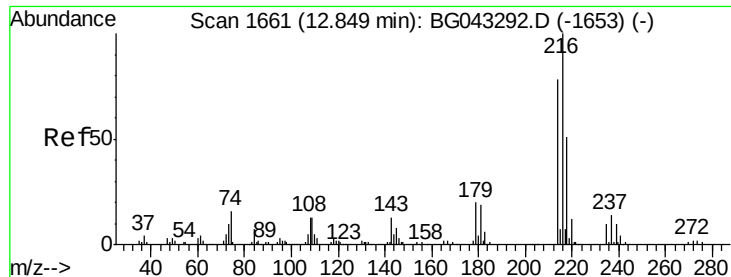
Tgt Ion:142 Resp: 274177
Ion Ratio Lower Upper
142 100
141 94.4 72.3 108.5
116 4.5 3.8 5.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion:164 Resp: 111671
Ion Ratio Lower Upper
164 100
162 100.6 87.0 130.4
160 45.5 35.5 53.3

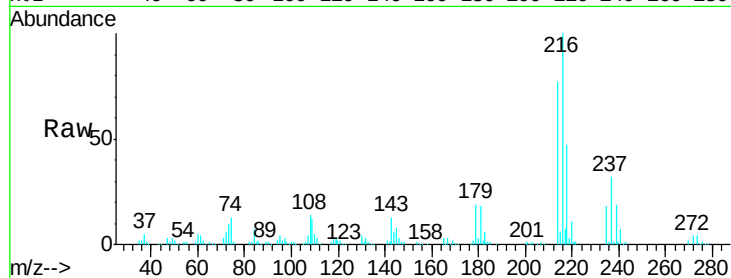




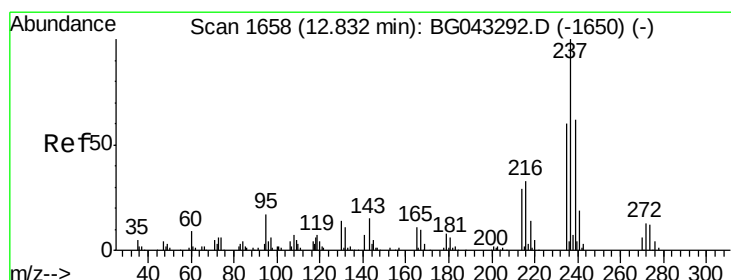
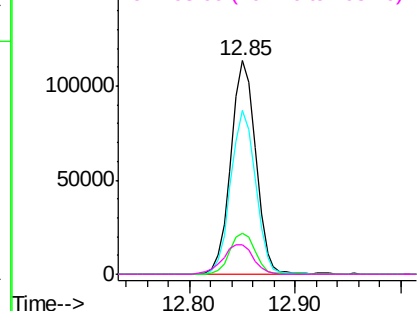
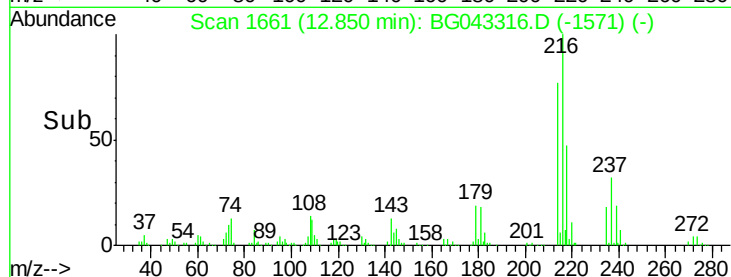
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.891 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

Tgt Ion:216 Resp: 185523
 Ion Ratio Lower Upper
 216 100
 214 76.6 63.5 95.3
 179 19.6 16.2 24.2
 108 17.0 11.2 16.8#

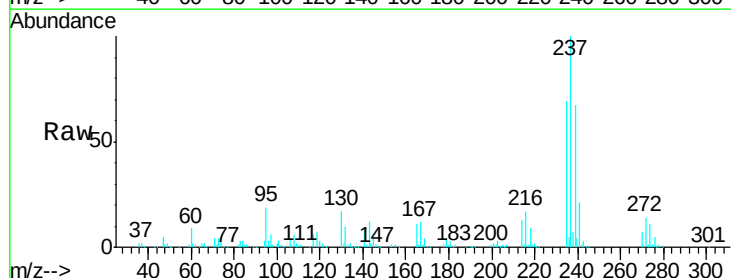


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

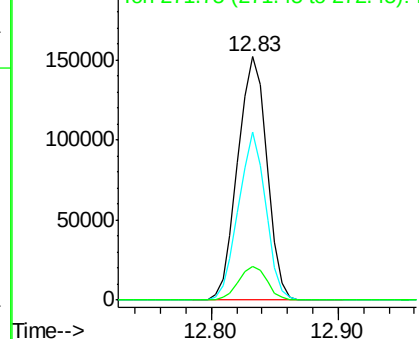
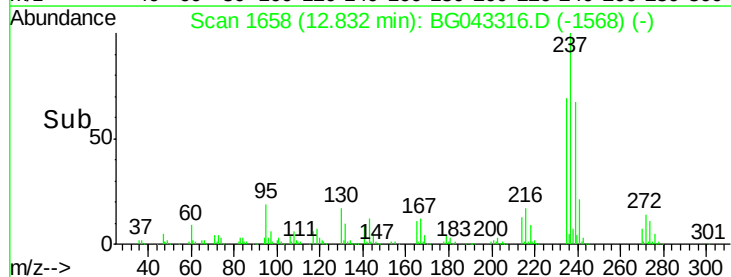


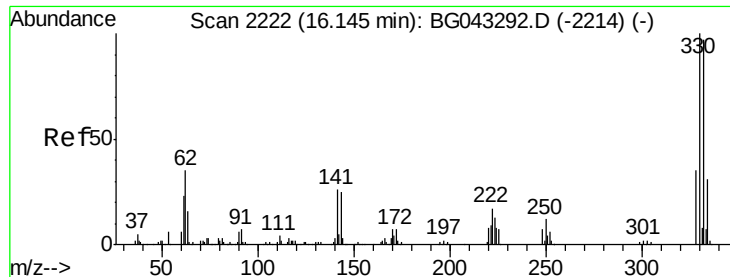
#41
 Hexachlorocyclopentadiene
 Concen: 111.395 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion:237 Resp: 241836
 Ion Ratio Lower Upper
 237 100
 235 69.3 40.3 80.3
 272 14.1 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 138.770 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

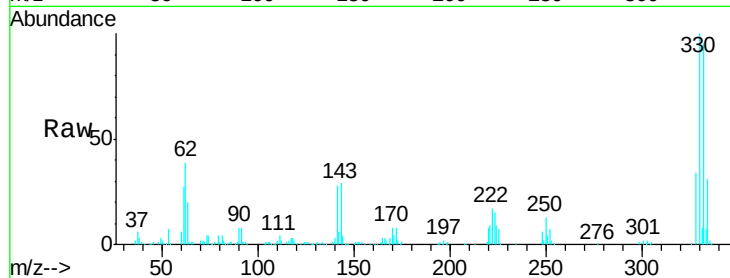
Tgt Ion:330 Resp: 294900

Ion Ratio Lower Upper

330 100

332 98.0 76.4 114.6

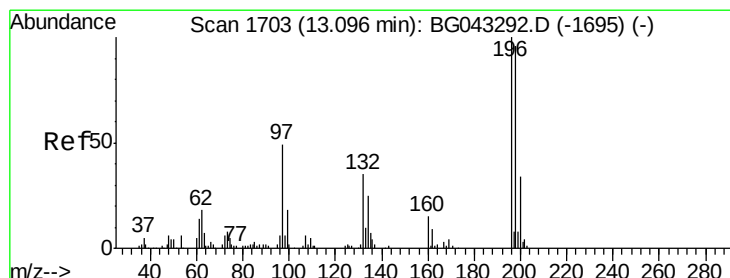
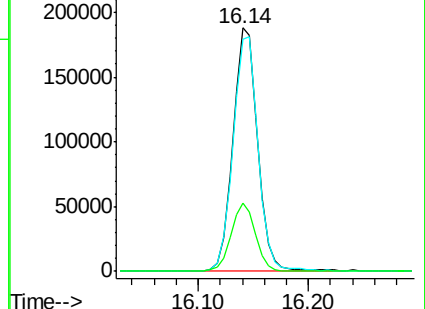
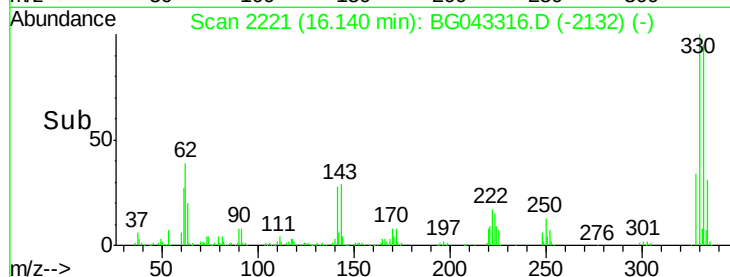
141 27.8 21.4 32.0



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: 51.044 ng

RT: 13.09 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

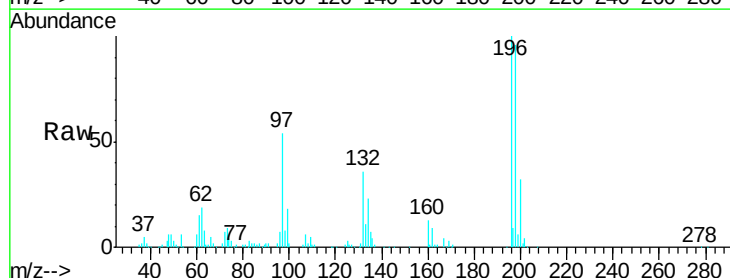
Tgt Ion:196 Resp: 124233

Ion Ratio Lower Upper

196 100

198 96.1 77.0 115.4

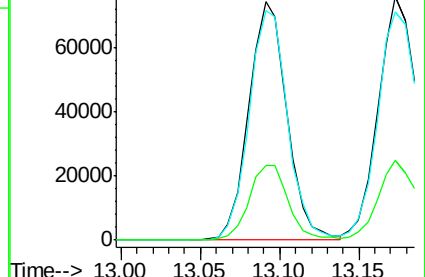
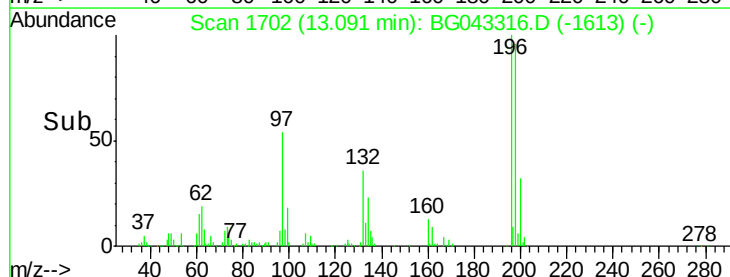
200 31.5 27.4 41.2

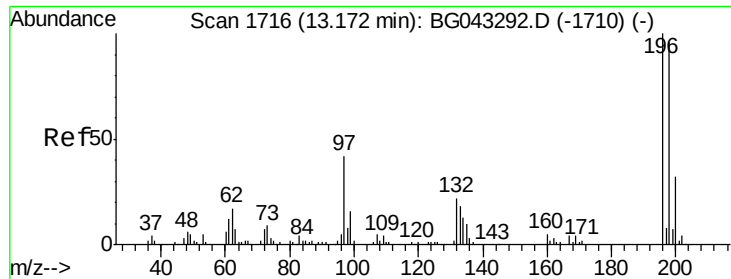


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

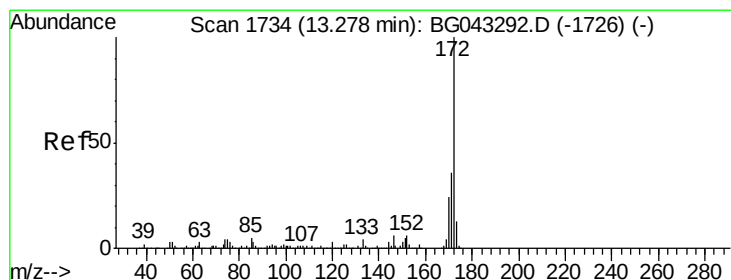
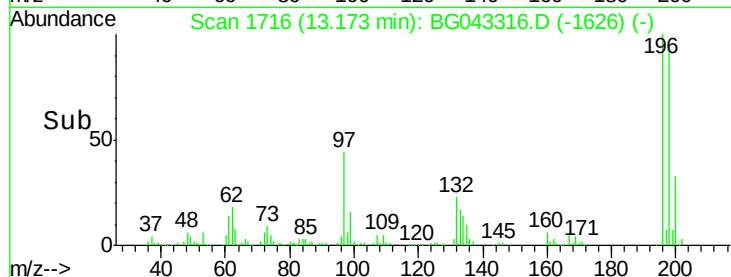
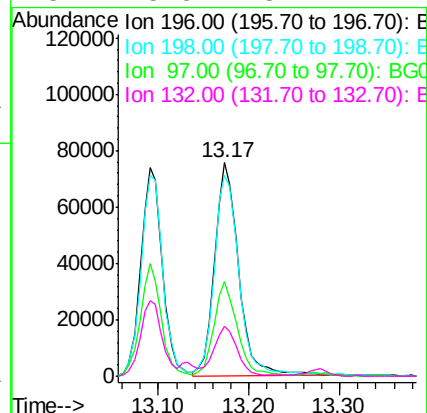
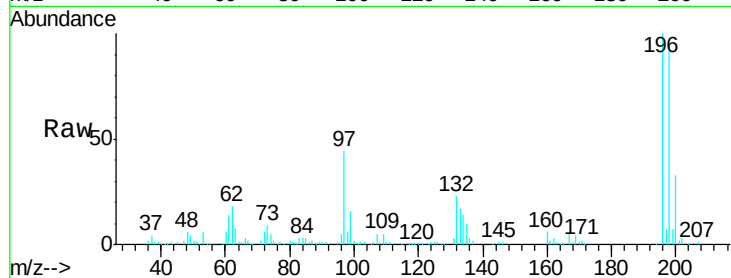




#44
 2,4,5-Trichlorophenol
 Concen: 56.444 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

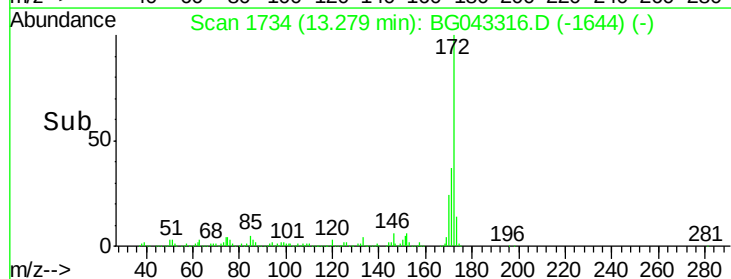
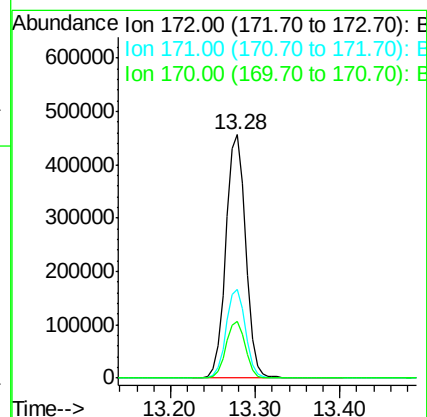
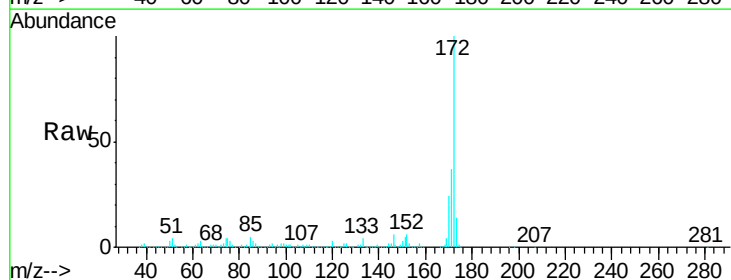
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

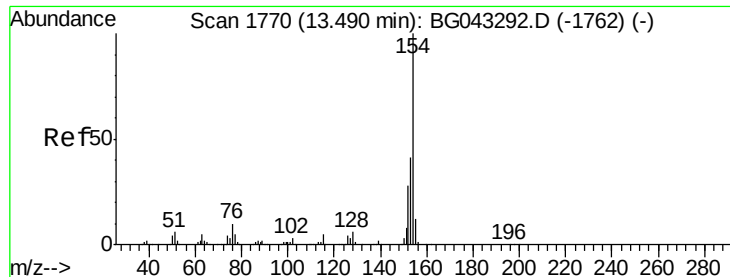
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.6	114.8
97	44.1	34.1	51.1
132	23.3	18.2	27.4



#45
 2-Fluorobiphenyl
 Concen: 91.918 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	23.5	18.8	28.2

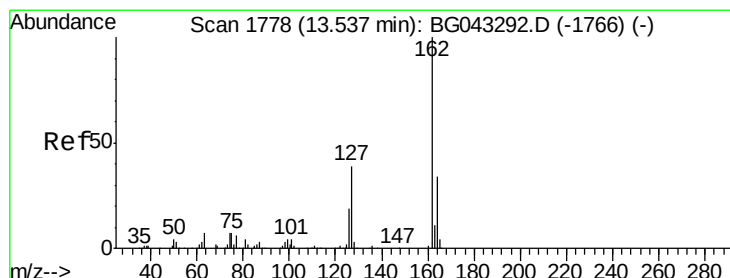
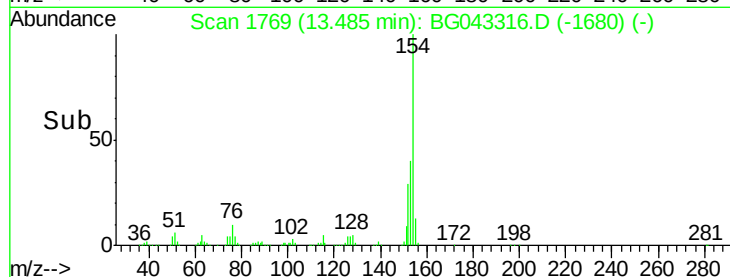
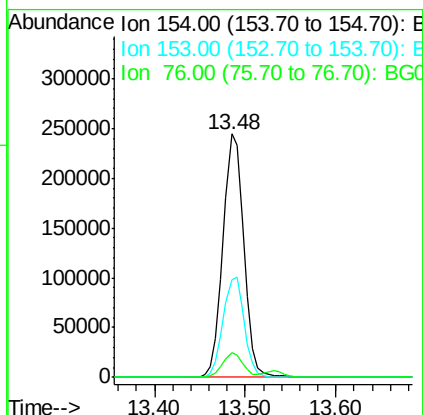
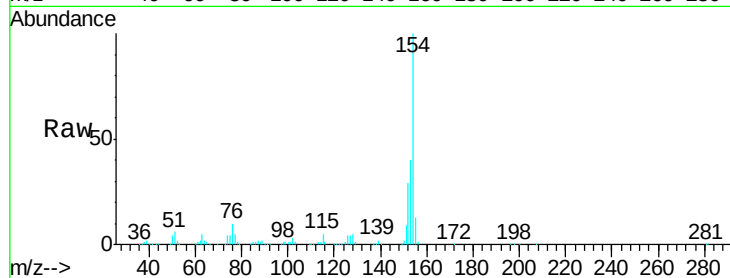




#46
 1,1'-Biphenyl
 Concen: 46.024 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

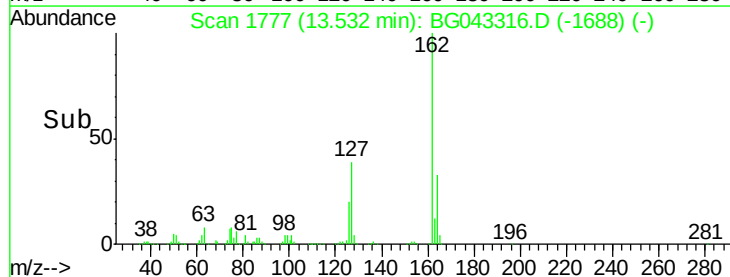
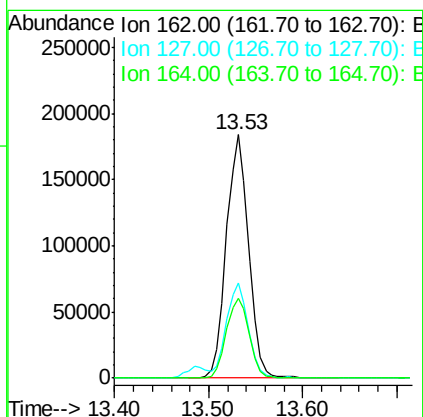
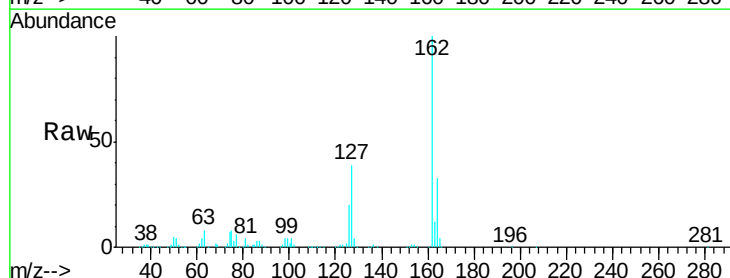
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

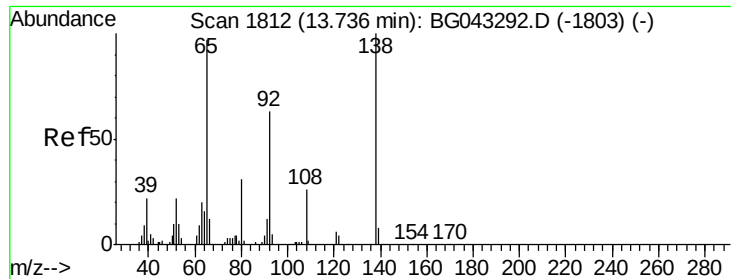
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.0	61.0
76	10.4	0.0	29.8



#47
 2-Chloronaphthalene
 Concen: 46.767 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.3	46.9
164	32.6	26.8	40.2





#48

2-Nitroaniline

Concen: 48.164 ng

RT: 13.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

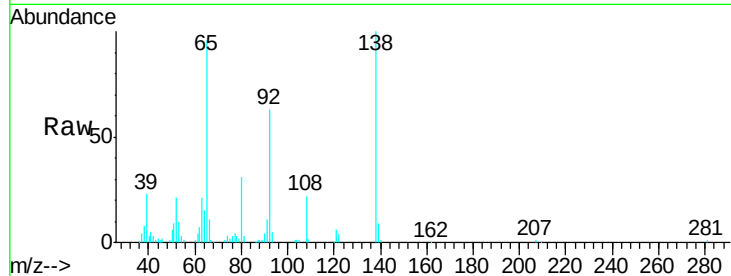
Tgt Ion: 65 Resp: 93049

Ion Ratio Lower Upper

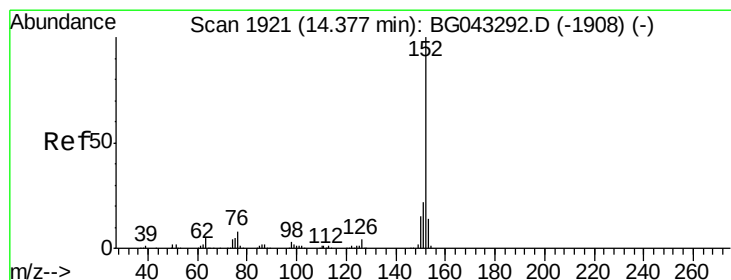
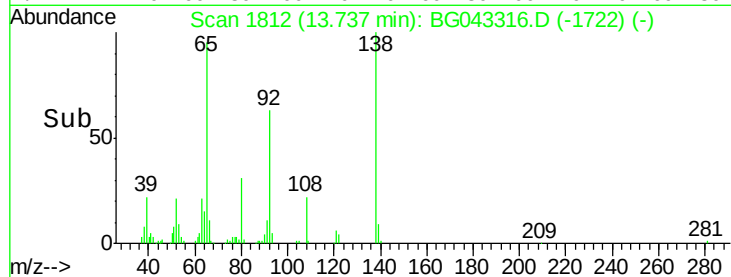
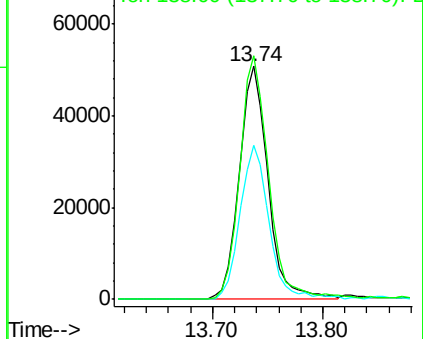
65 100

92 66.0 52.6 79.0

138 104.5 82.9 124.3



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



#49

Acenaphthylene

Concen: 49.870 ng

RT: 14.38 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

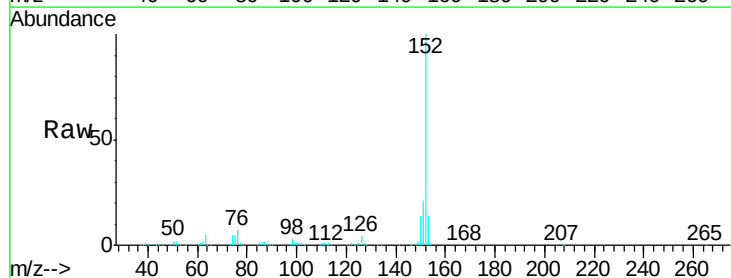
Tgt Ion: 152 Resp: 501690

Ion Ratio Lower Upper

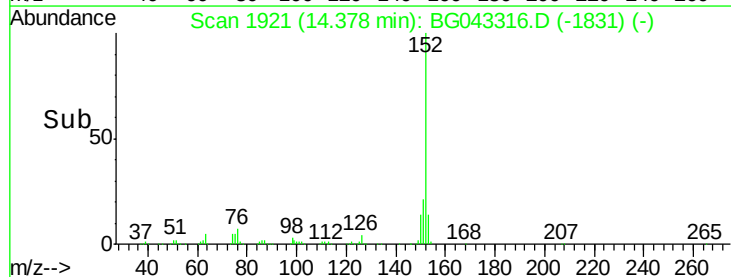
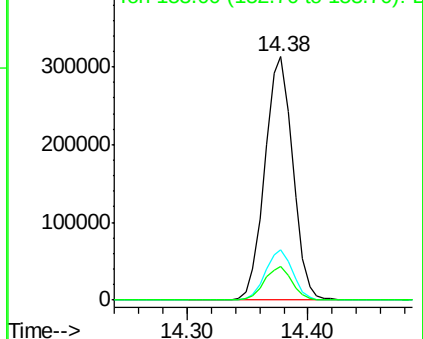
152 100

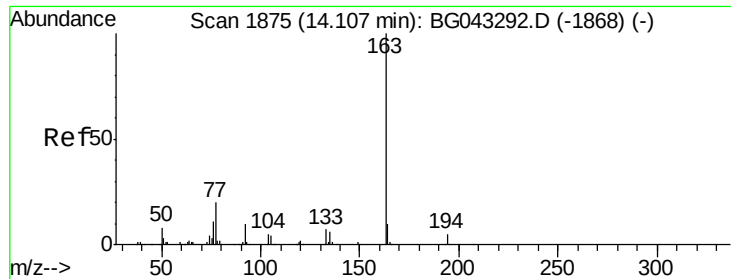
151 20.7 17.2 25.8

153 13.7 11.0 16.6



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





#50

Dimethylphthalate

Concen: 52.977 ng

RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

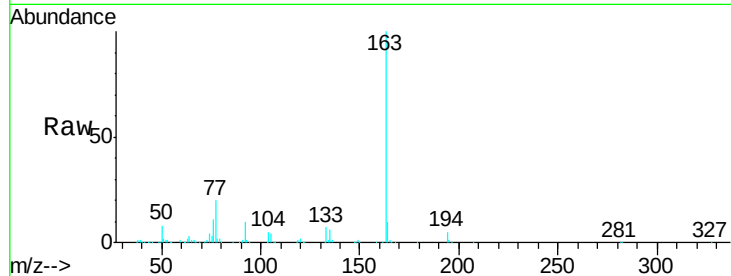
Tgt Ion:163 Resp: 458231

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

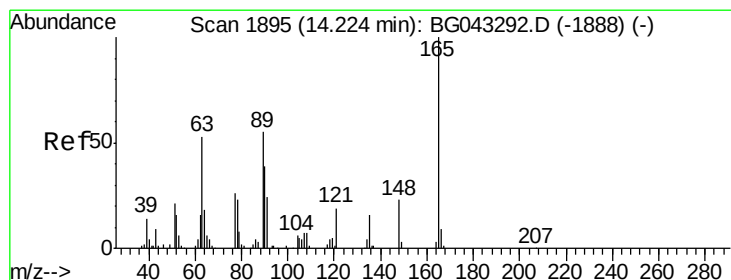
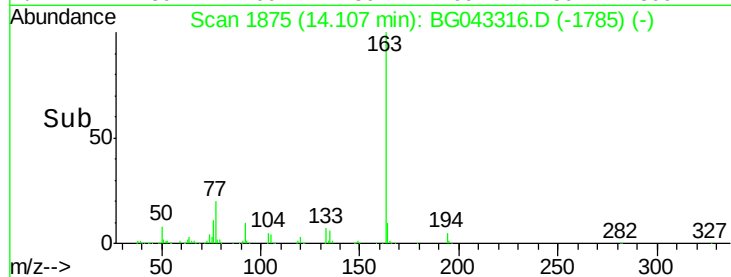
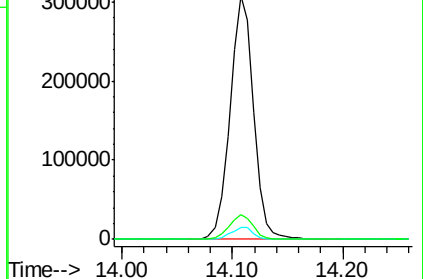
164 10.4 8.1 12.1



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: 51.702 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

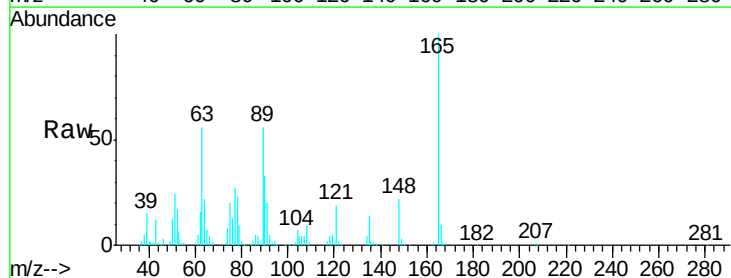
Tgt Ion:165 Resp: 97154

Ion Ratio Lower Upper

165 100

63 56.5 47.1 70.7

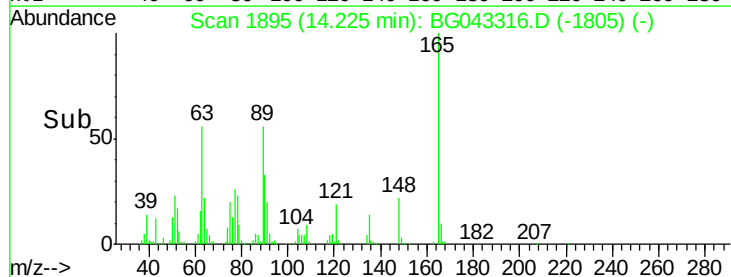
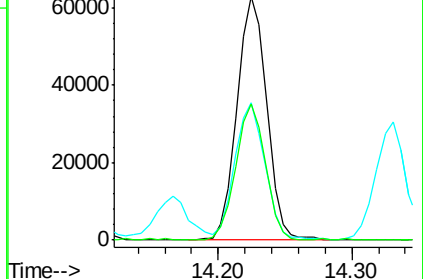
89 55.8 43.7 65.5

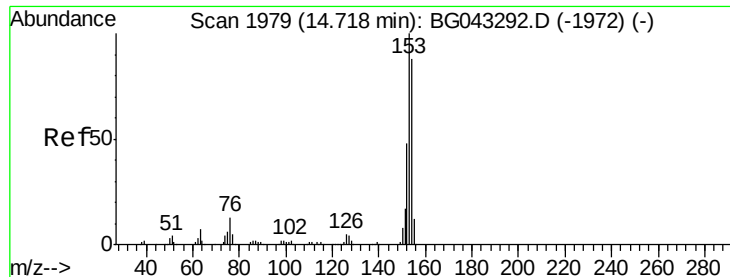


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 49.217 ng

RT: 14.72 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

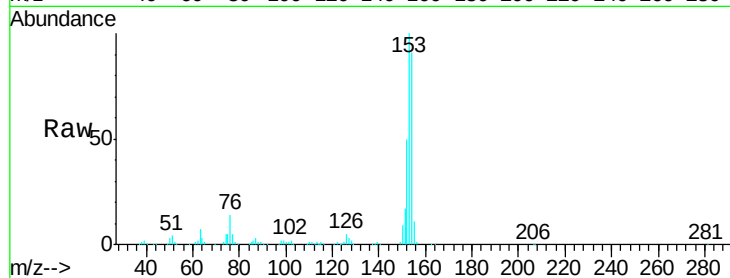
Tgt Ion:154 Resp: 301943

Ion Ratio Lower Upper

154 100

153 109.9 90.9 136.3

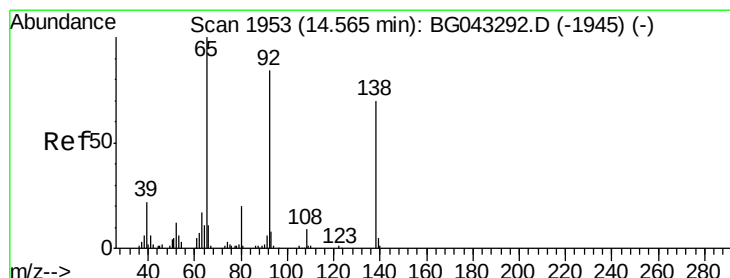
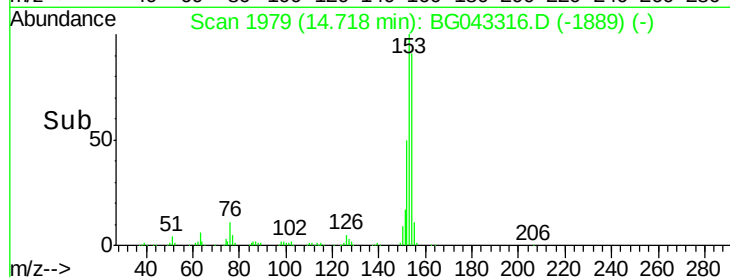
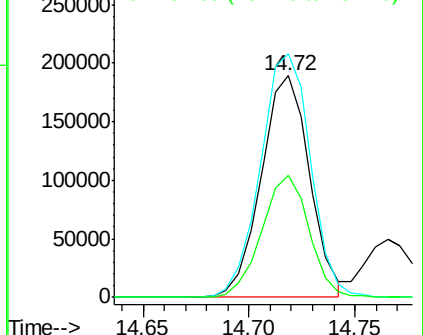
152 54.9 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 10.096 ng

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

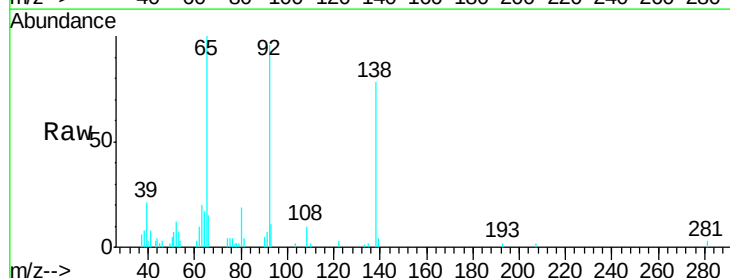
Tgt Ion:138 Resp: 18316

Ion Ratio Lower Upper

138 100

108 13.3 9.8 14.6

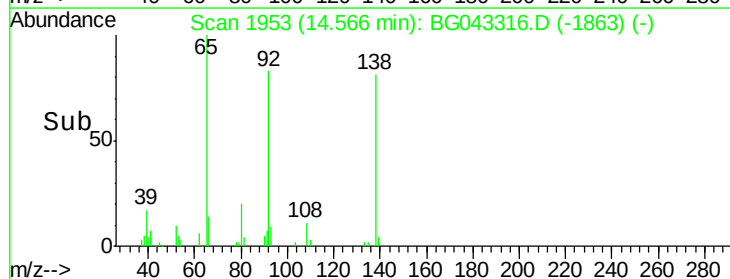
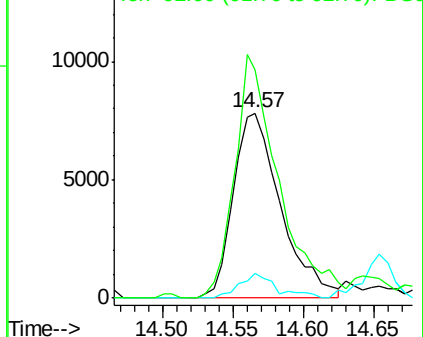
92 123.3 95.8 143.6

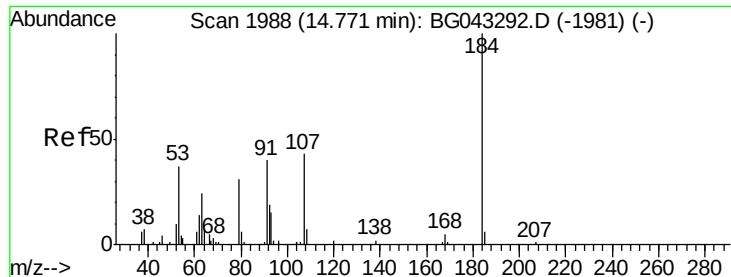


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

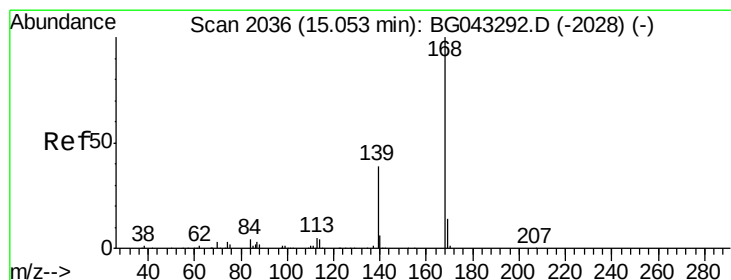
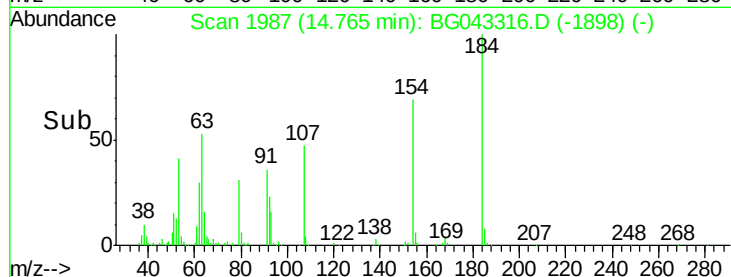
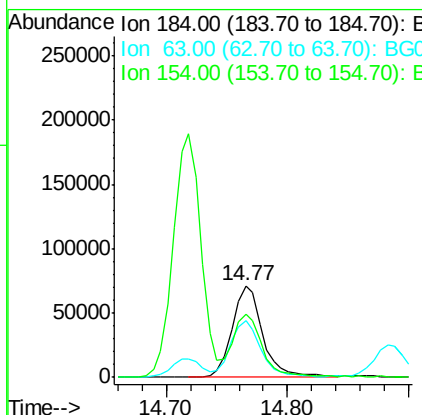
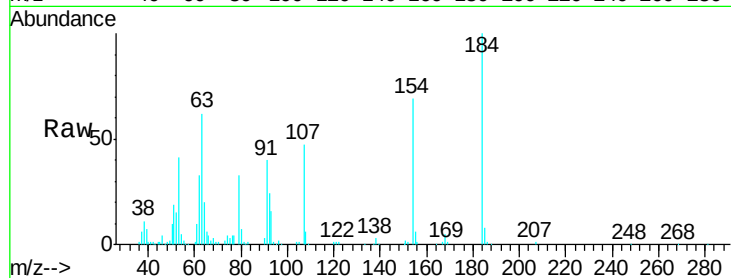




#54
 2,4-Dinitrophenol
 Concen: 104.593 ng
 RT: 14.77 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

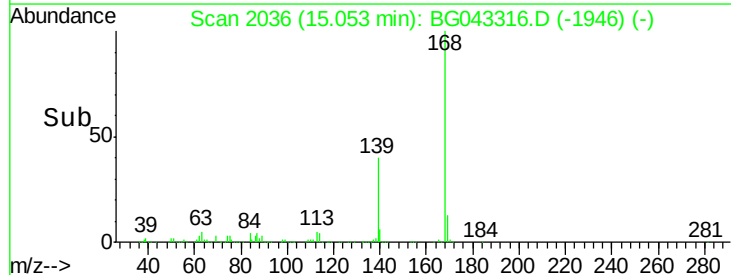
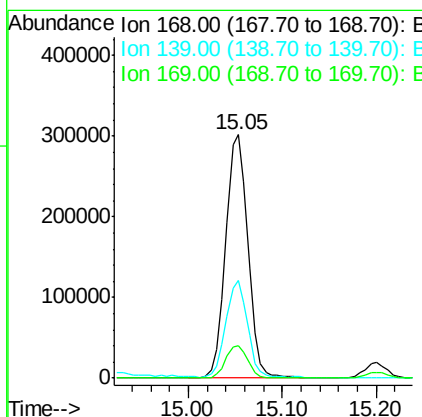
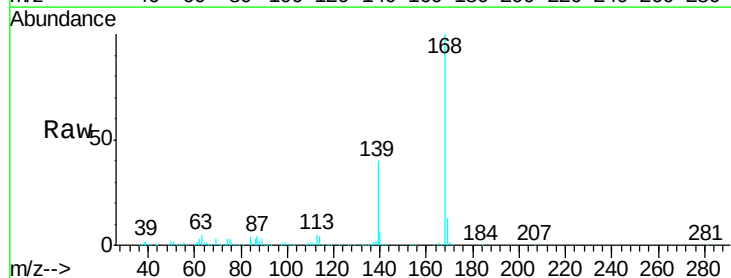
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-102119MS

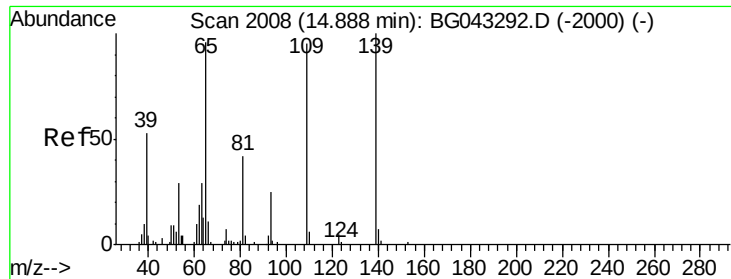
Tgt Ion:184 Resp: 125622
 Ion Ratio Lower Upper
 184 100
 63 62.1 48.8 73.2
 154 69.0 49.4 74.0



#55
 Dibenzofuran
 Concen: 49.907 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG043316.D
 Acq: 23 Oct 2019 19:58

Tgt Ion:168 Resp: 496519
 Ion Ratio Lower Upper
 168 100
 139 40.2 31.7 47.5
 169 13.5 11.0 16.4





#56

4-Nitrophenol

Concen: 124.432 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

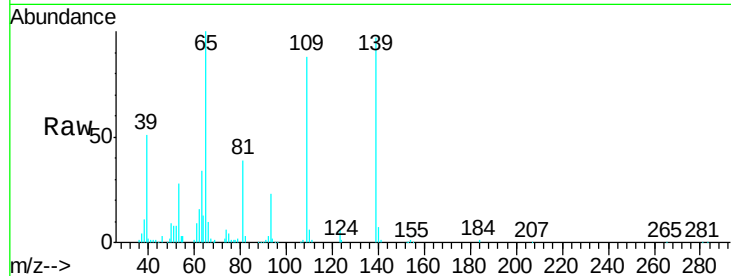
Tgt Ion:139 Resp: 151284

Ion Ratio Lower Upper

139 100

109 90.4 75.4 115.4

65 102.8 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): BGC

150000

100000

50000

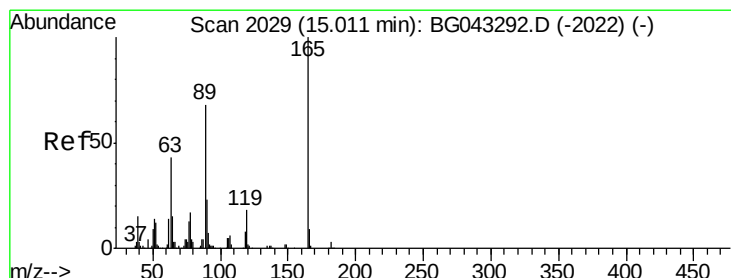
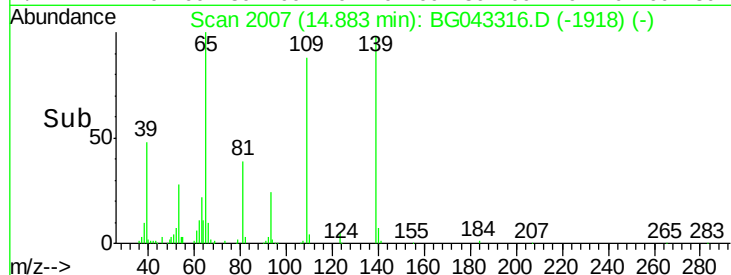
0

14.88

14.90

15.00

Time-->



#57

2,4-Dinitrotoluene

Concen: 53.489 ng

RT: 15.02 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:165 Resp: 143645

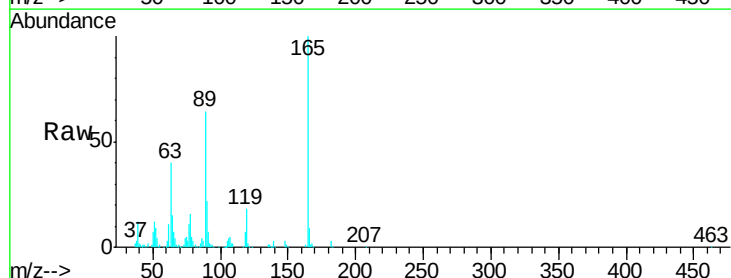
Ion Ratio Lower Upper

165 100

63 40.1 35.0 52.6

89 63.7 54.1 81.1

182 2.8 2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

100000

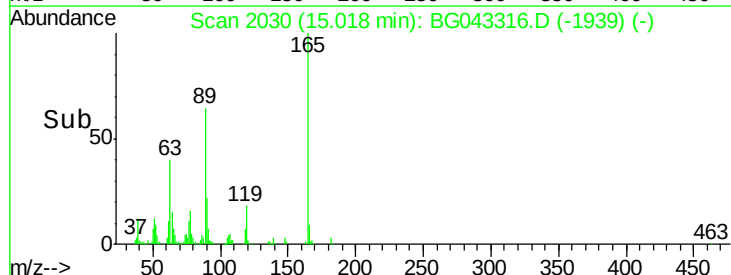
50000

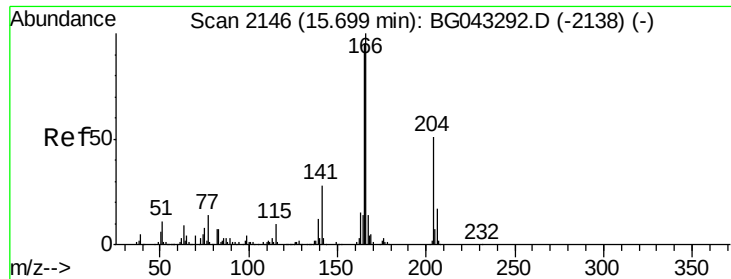
0

15.02

15.10

Time-->





#58

Fluorene

Concen: 50.466 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

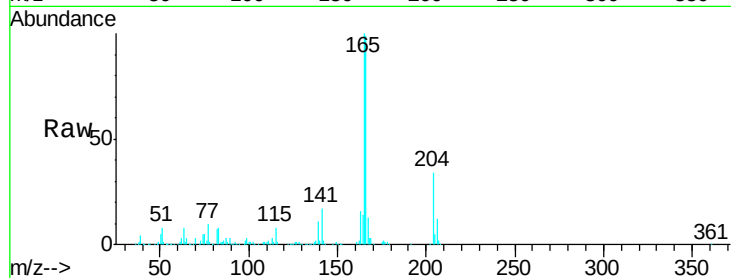
Tgt Ion:166 Resp: 421099

Ion Ratio Lower Upper

166 100

165 100.6 76.4 114.6

167 13.4 11.1 16.7

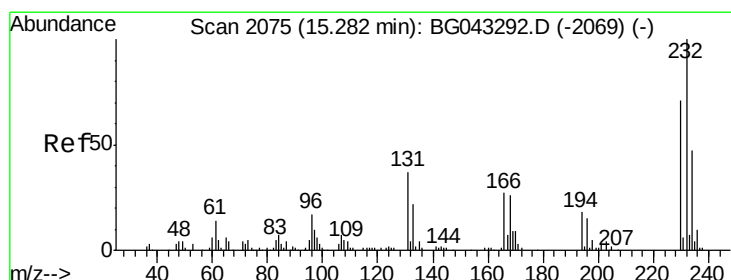
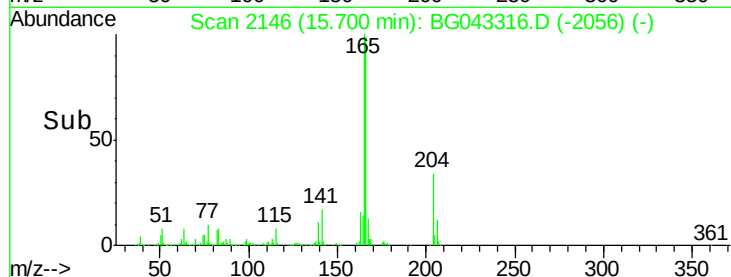
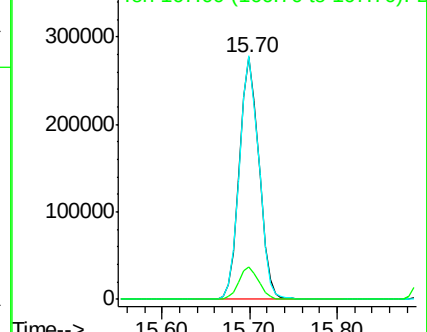


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 55.244 ng

RT: 15.28 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion:232 Resp: 144420

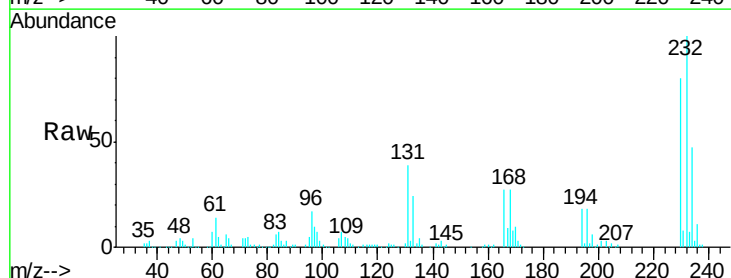
Ion Ratio Lower Upper

232 100

131 37.7 28.7 43.1

130 1.9 0.6 0.8#

166 26.6 21.1 31.7



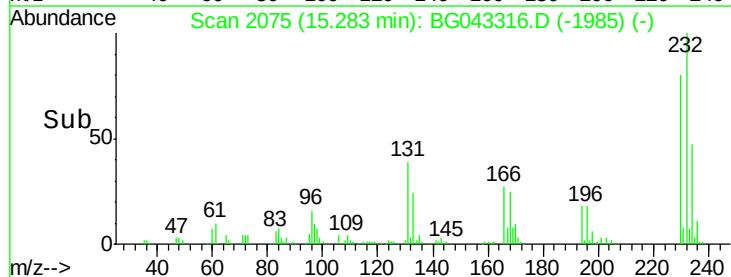
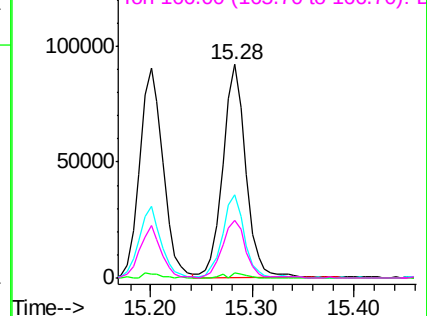
Abundance

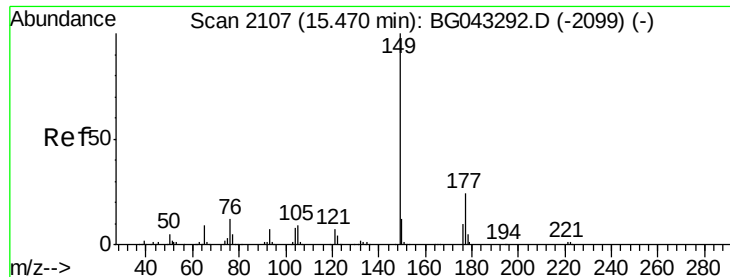
Ion 232.00 (231.70 to 232.70): E

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

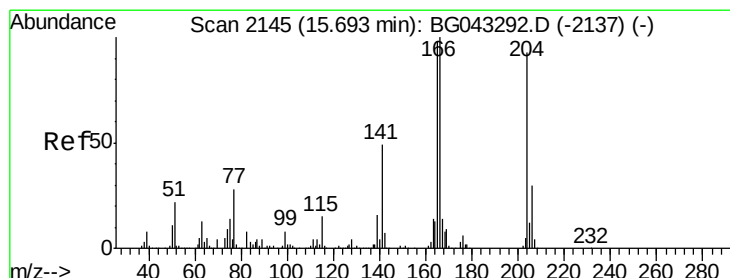
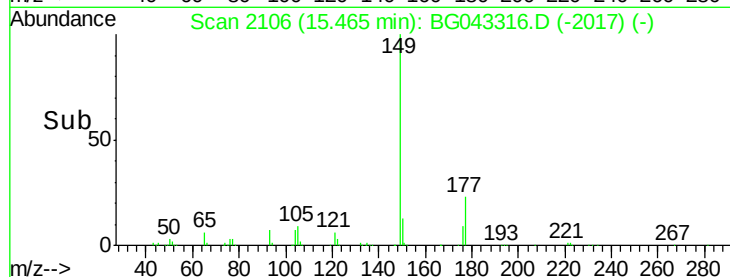
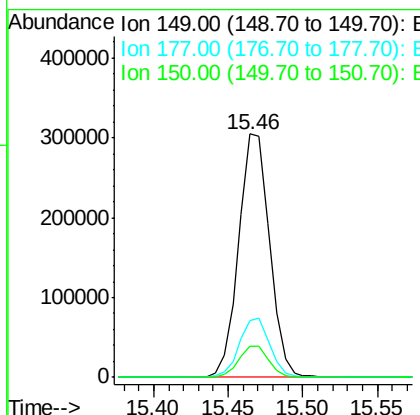
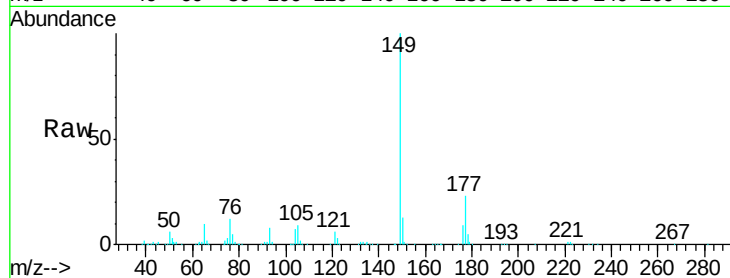




#60
Diethylphthalate
Concen: 50.529 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

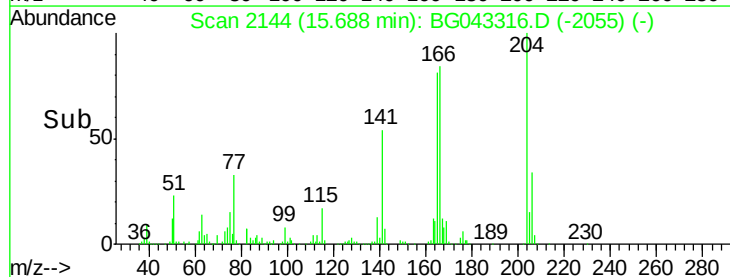
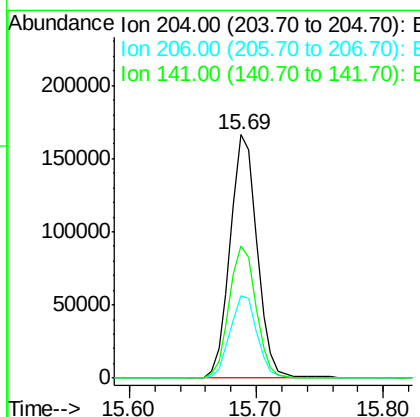
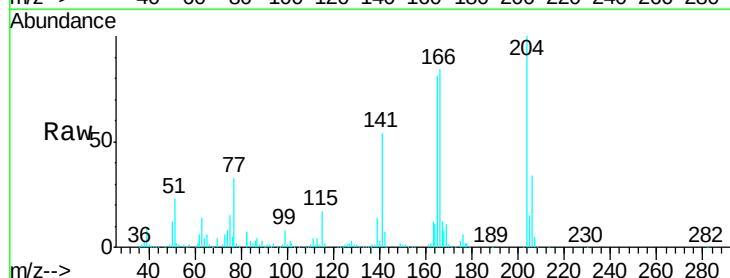
Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

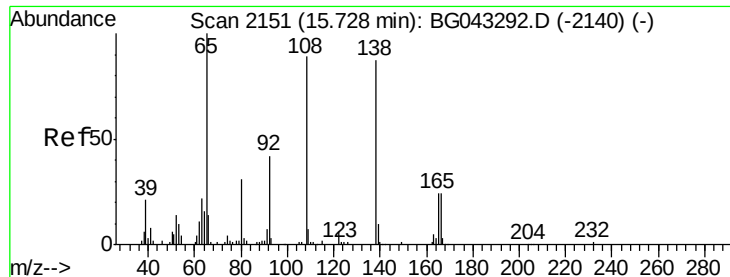
Tgt Ion:149 Resp: 439153
Ion Ratio Lower Upper
149 100
177 23.1 19.0 28.4
150 12.9 9.4 14.0



#61
4-Chlorophenyl-phenylether
Concen: 50.084 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion:204 Resp: 243799
Ion Ratio Lower Upper
204 100
206 33.7 25.7 38.5
141 54.4 42.3 63.5





#62

4-Nitroaniline

Concen: 35.823 ng

RT: 15.73 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

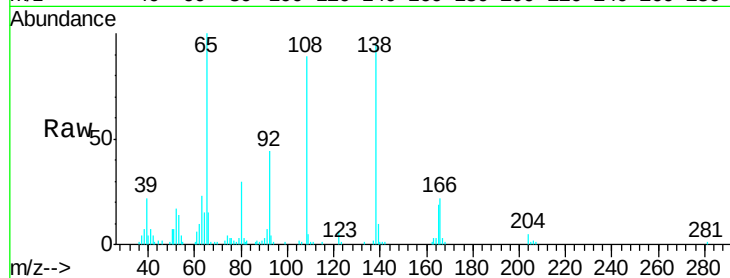
Tgt Ion:138 Resp: 67120

Ion Ratio Lower Upper

138 100

92 46.6 28.8 68.8

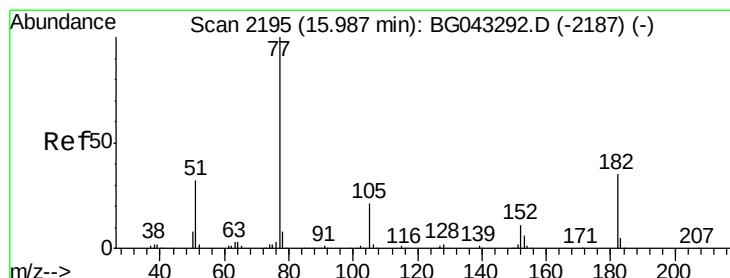
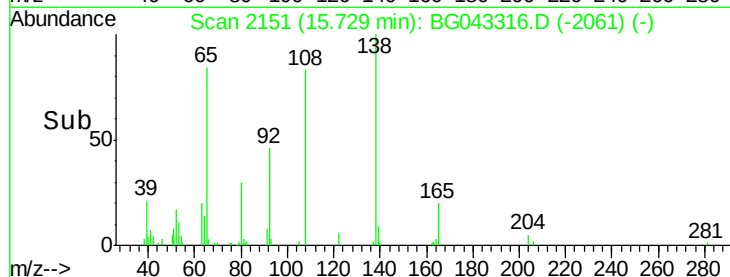
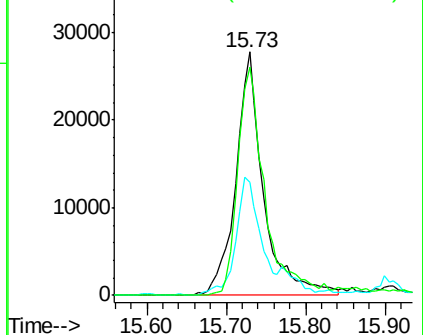
108 93.6 82.7 122.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 50.907 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Tgt Ion: 77 Resp: 358074

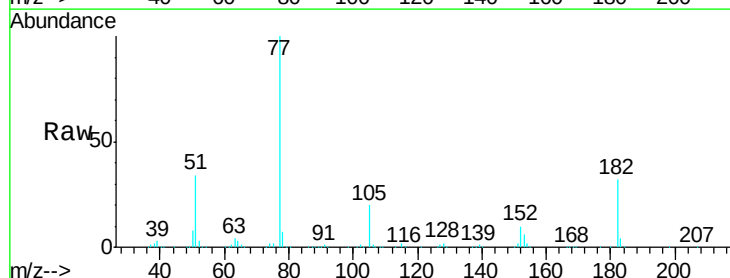
Ion Ratio Lower Upper

77 100

182 32.4 14.9 54.9

105 20.1 0.6 40.6

51 33.9 12.5 52.5

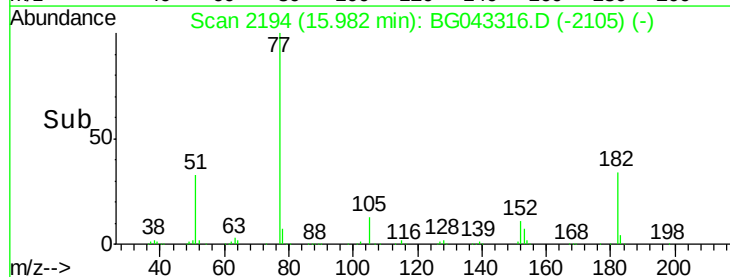
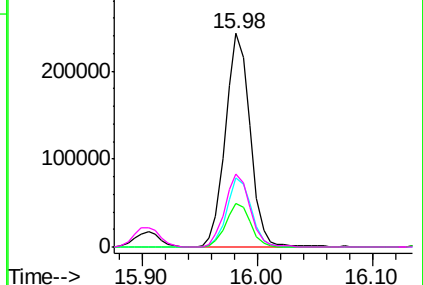


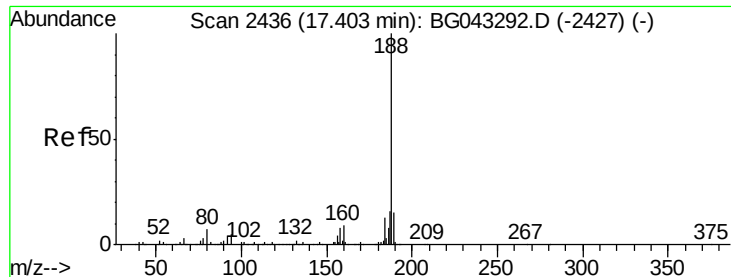
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

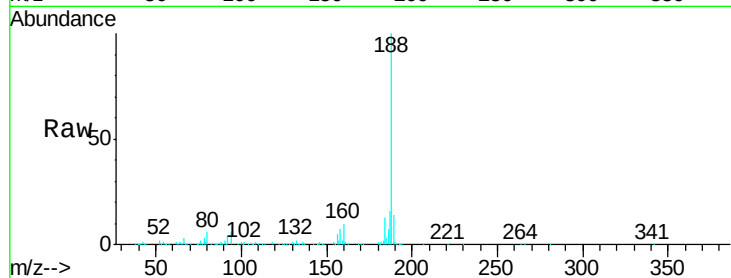
Tgt Ion:188 Resp: 270100

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

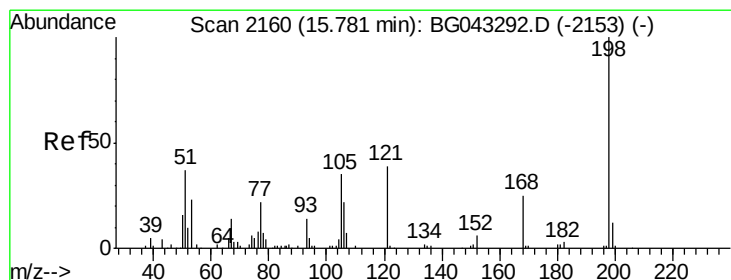
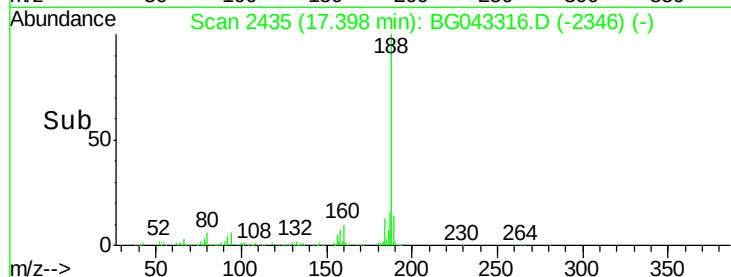
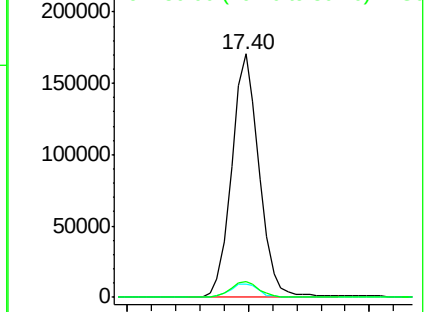
80 6.4 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

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: 60.391 ng

RT: 15.78 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

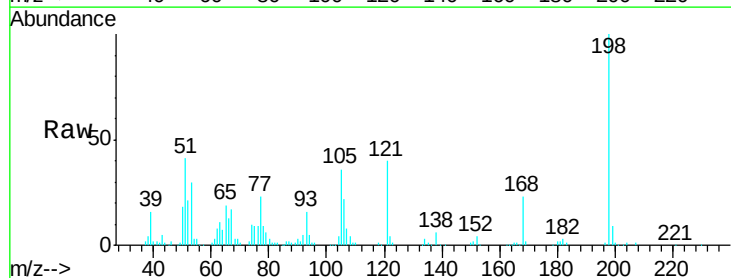
Tgt Ion:198 Resp: 95994

Ion Ratio Lower Upper

198 100

51 40.9 21.4 61.4

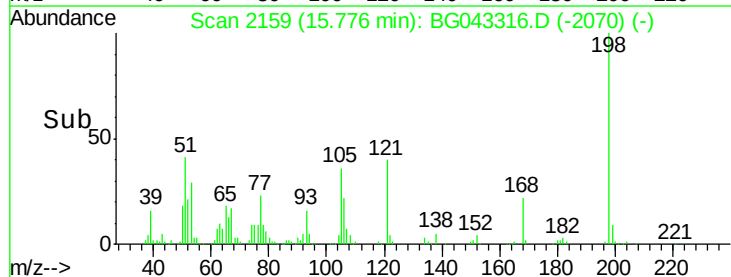
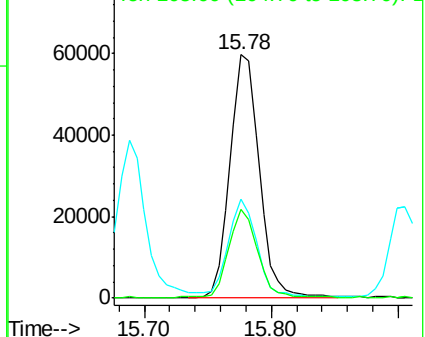
105 36.3 16.5 56.5

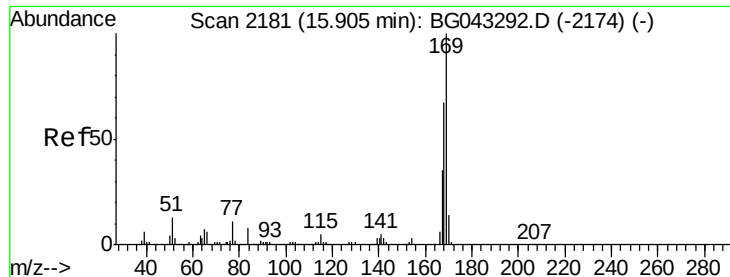


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 34.659 ng

RT: 15.91 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

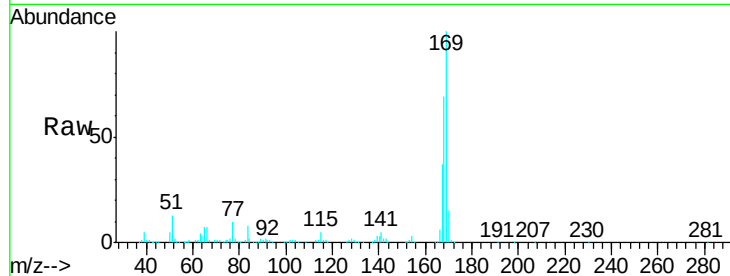
Tgt Ion:169 Resp: 264297

Ion Ratio Lower Upper

169 100

168 68.7 53.9 80.9

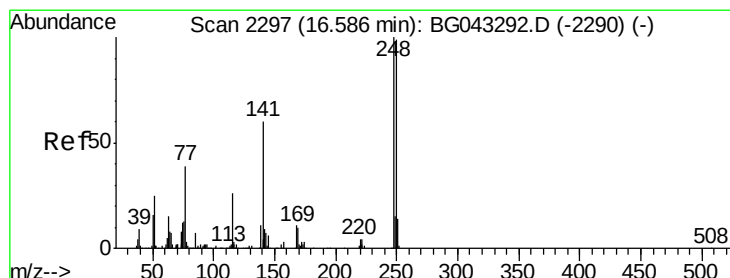
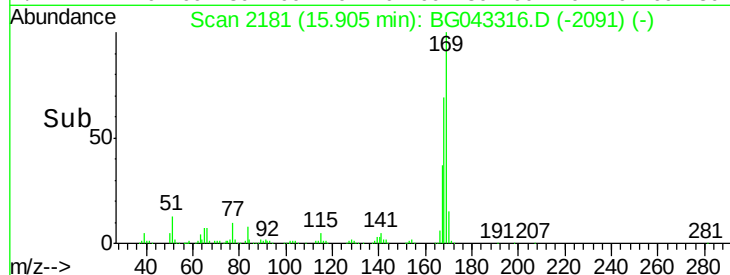
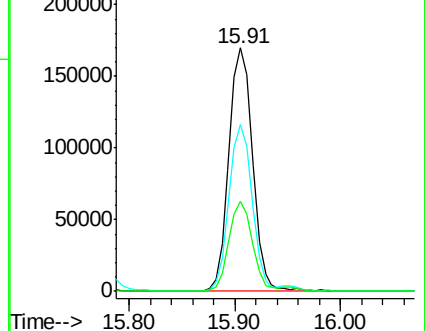
167 37.2 28.3 42.5



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: 48.090 ng

RT: 16.59 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

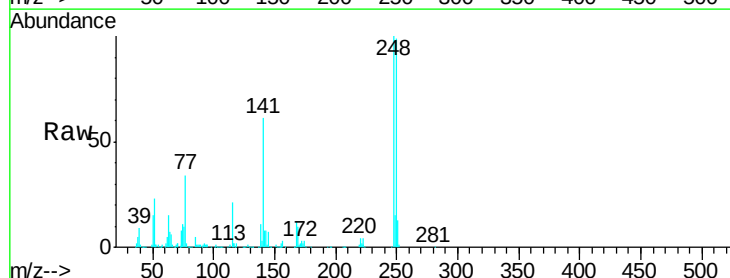
Tgt Ion:248 Resp: 174805

Ion Ratio Lower Upper

248 100

250 98.8 79.3 118.9

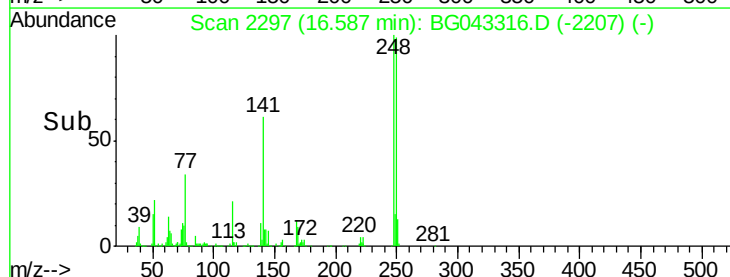
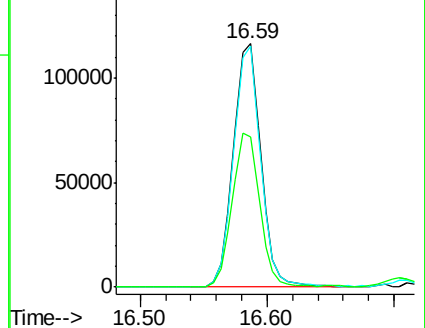
141 61.4 47.9 71.9

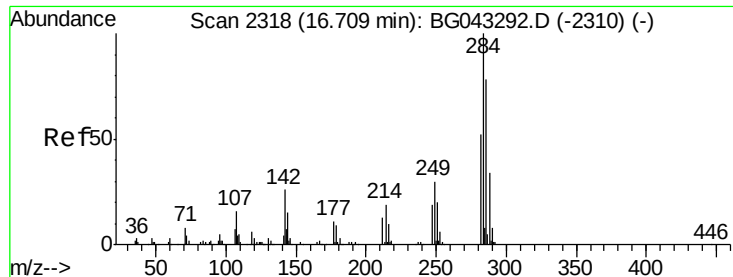


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 47.563 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

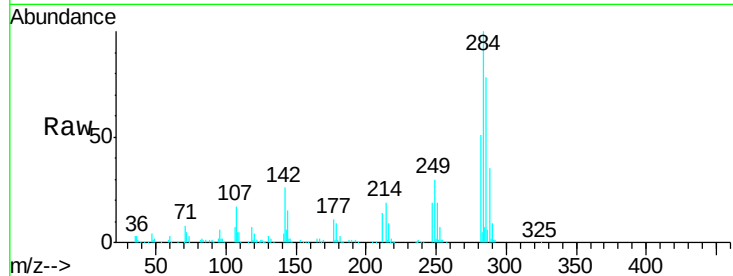
Tgt Ion:284 Resp: 198456

Ion Ratio Lower Upper

284 100

142 25.7 21.1 31.7

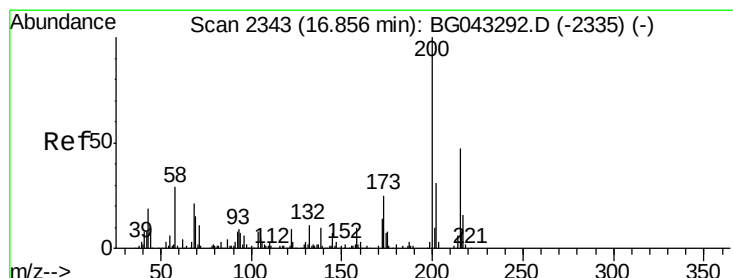
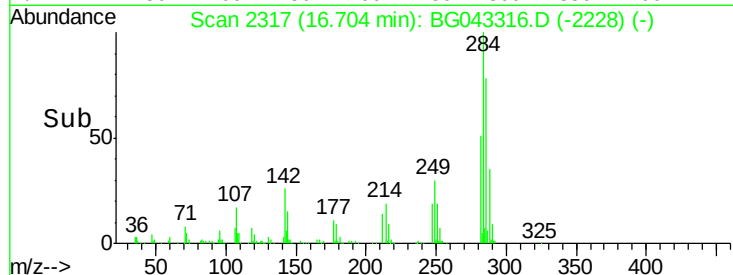
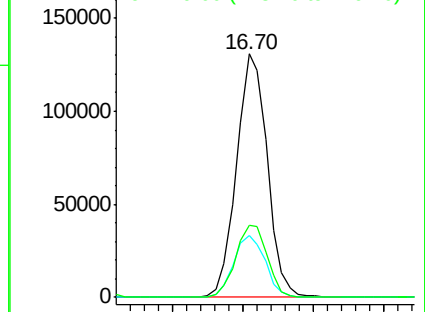
249 29.8 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 22.464 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

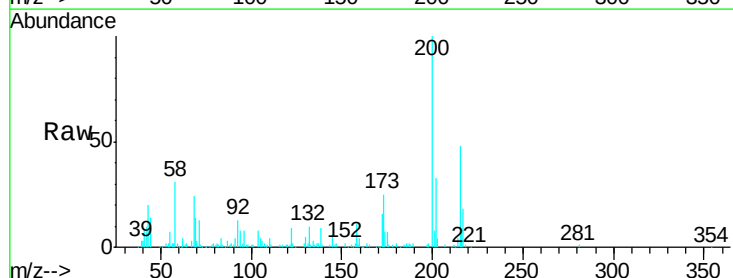
Tgt Ion:200 Resp: 59524

Ion Ratio Lower Upper

200 100

173 24.7 5.1 45.1

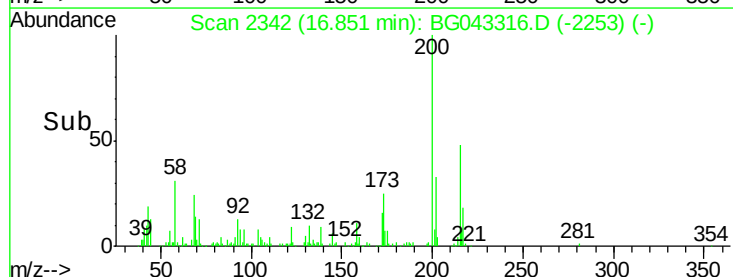
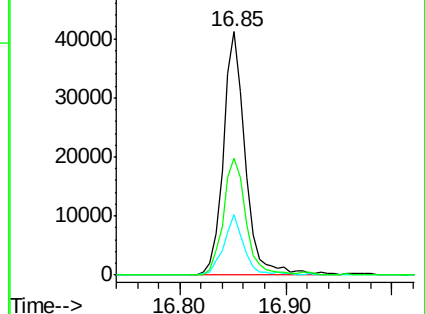
215 47.9 26.6 66.6

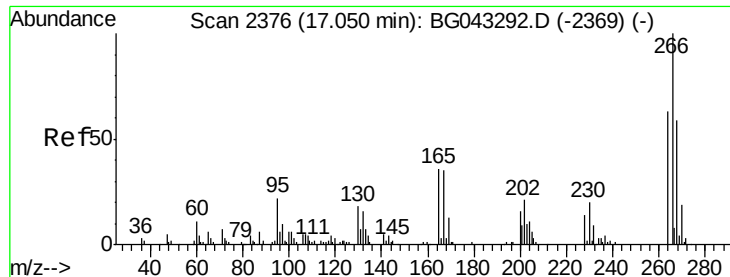


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 124.582 ng

RT: 17.05 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

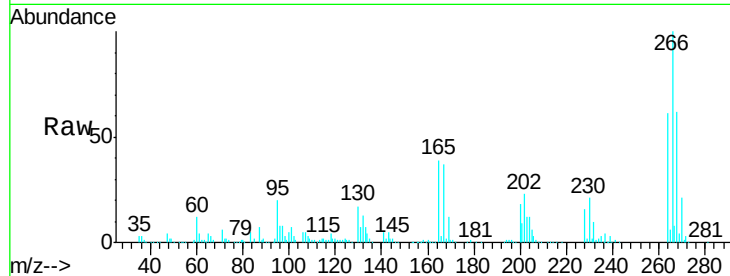
Tgt Ion:266 Resp: 236859

Ion Ratio Lower Upper

266 100

268 62.1 47.1 70.7

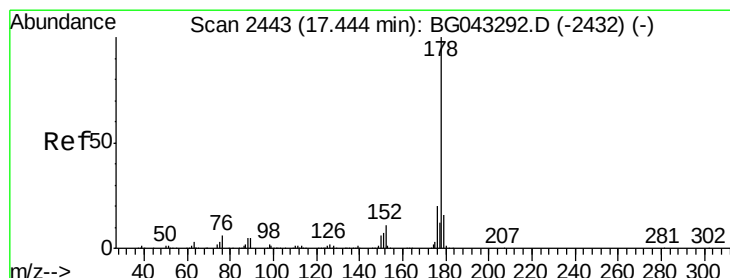
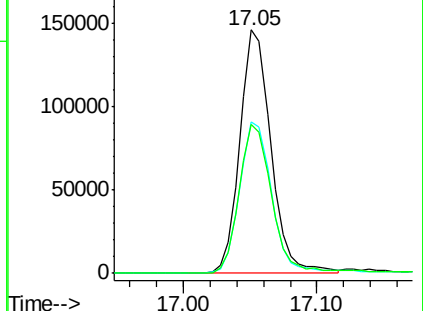
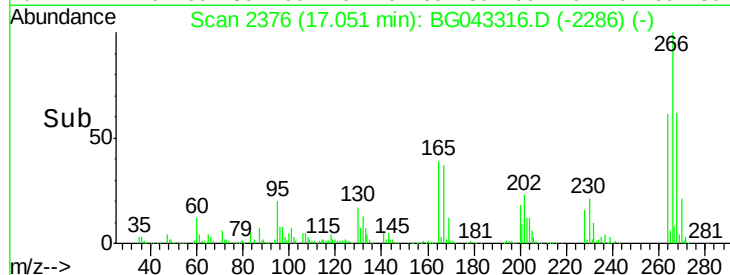
264 61.1 50.4 75.6



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: 50.535 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

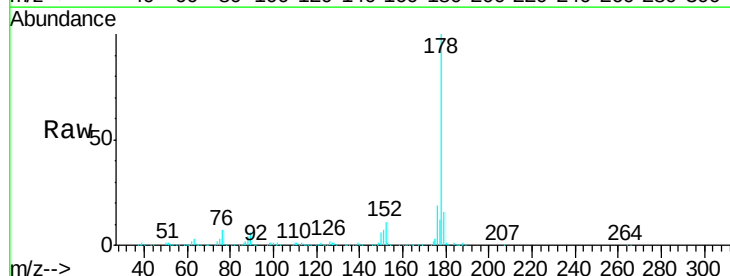
Tgt Ion:178 Resp: 698960

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

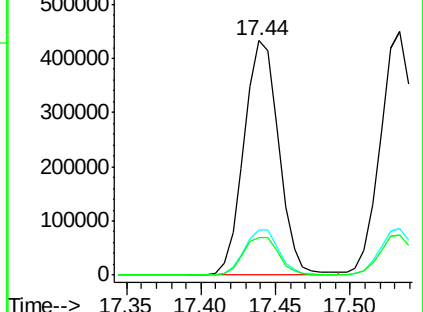
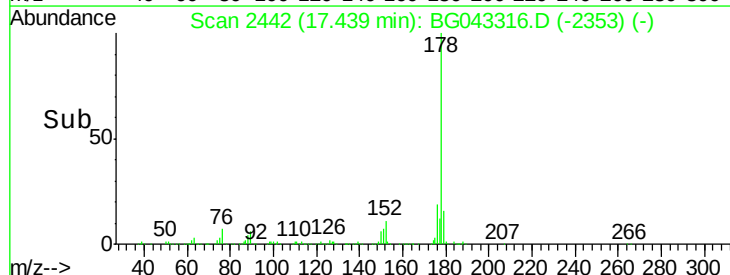
179 16.2 13.1 19.7

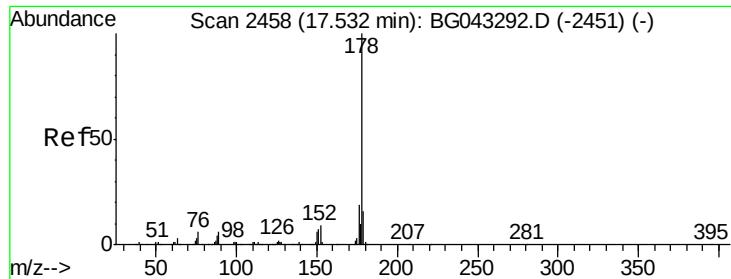


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 52.383 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

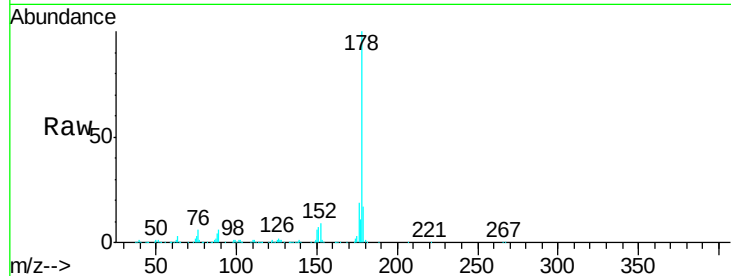
Tgt Ion:178 Resp: 724894

Ion Ratio Lower Upper

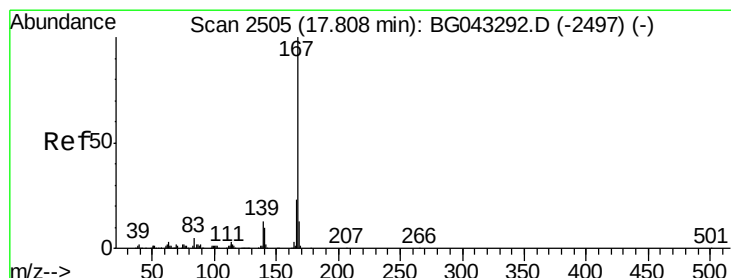
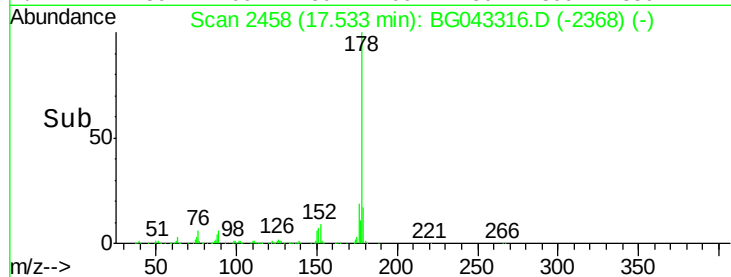
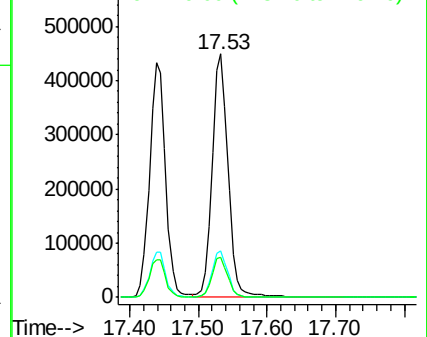
178 100

176 19.3 15.1 22.7

179 16.6 13.0 19.6



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



#73

Carbazole

Concen: 34.065 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

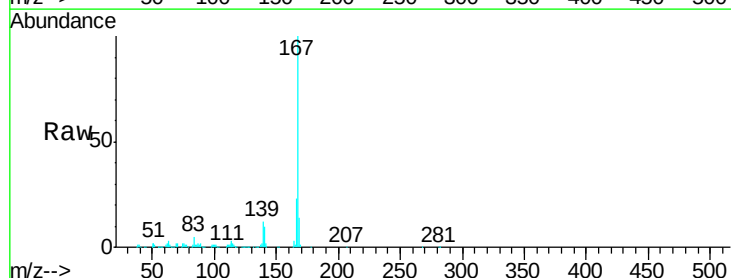
Tgt Ion:167 Resp: 426886

Ion Ratio Lower Upper

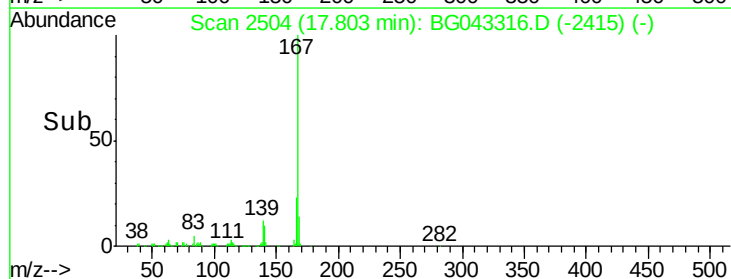
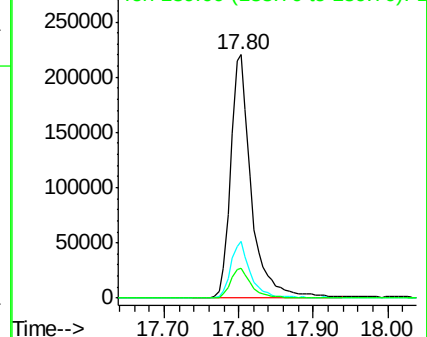
167 100

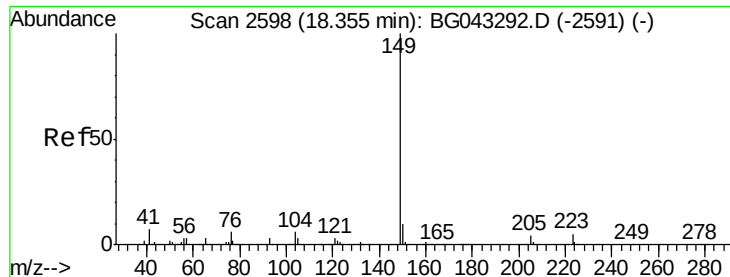
166 23.2 18.4 27.6

139 12.3 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: 50.987 ng

RT: 18.36 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

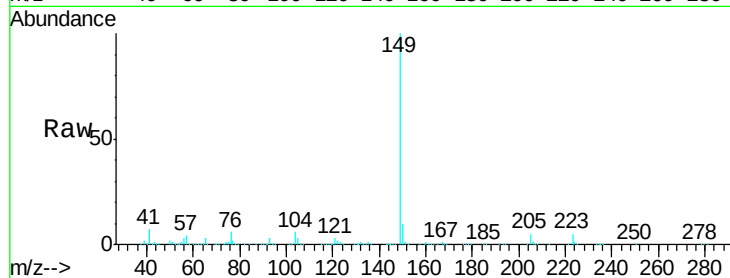
Tgt Ion:149 Resp: 775281

Ion Ratio Lower Upper

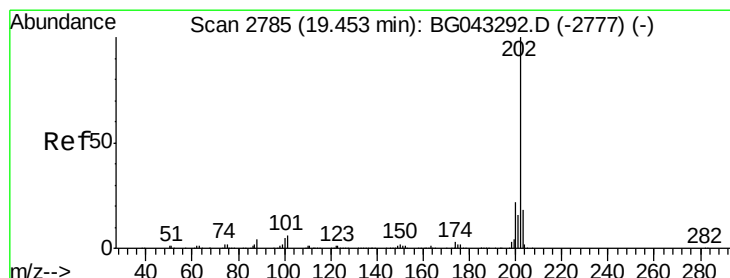
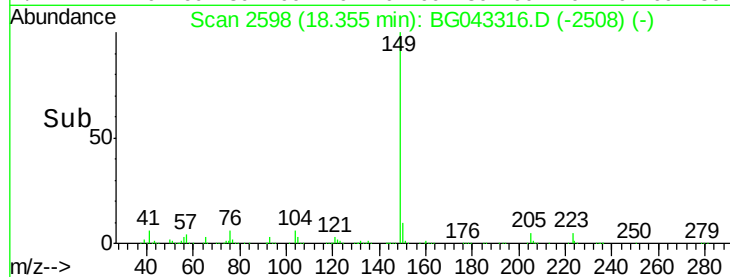
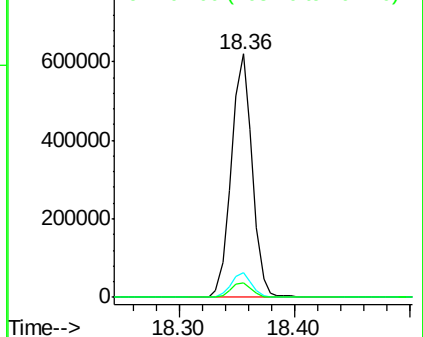
149 100

150 10.1 8.0 12.0

104 5.9 4.7 7.1



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



#75

Fluoranthene

Concen: 52.265 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

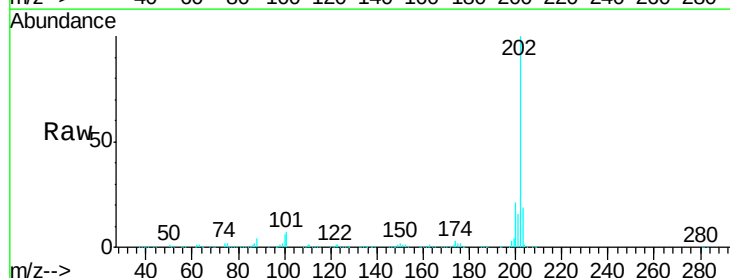
Tgt Ion:202 Resp: 942420

Ion Ratio Lower Upper

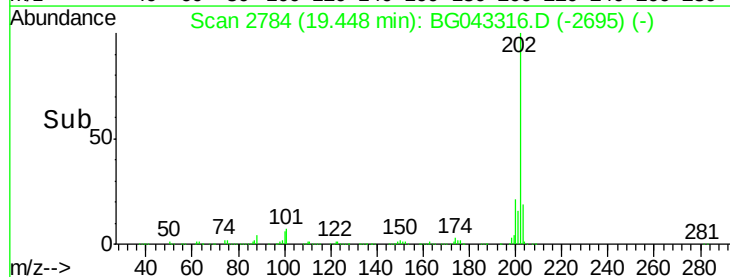
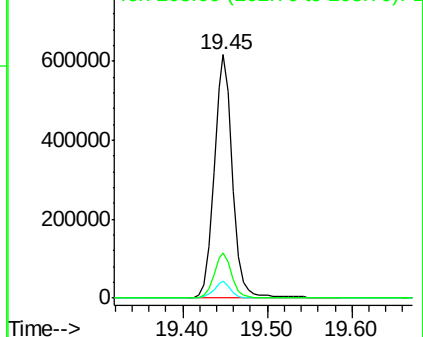
202 100

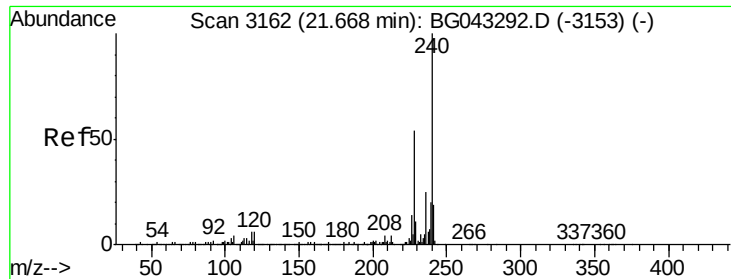
101 6.8 0.0 26.0

203 18.6 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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

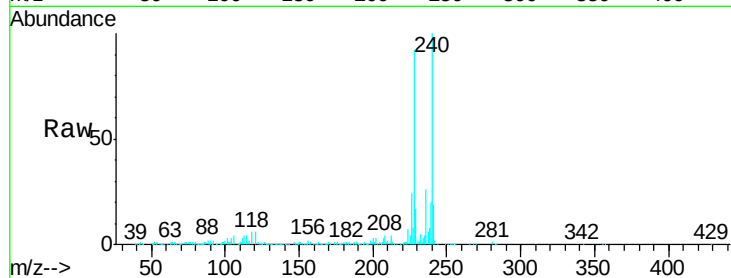
Tgt Ion:240 Resp: 308665

Ion Ratio Lower Upper

240 100

120 6.3 4.6 7.0

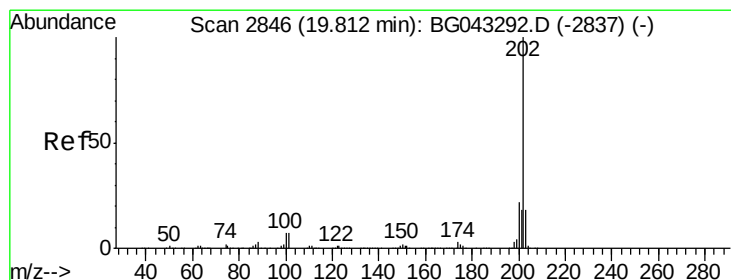
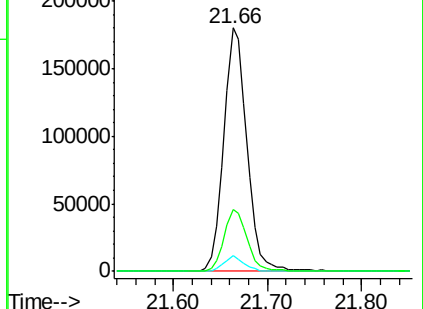
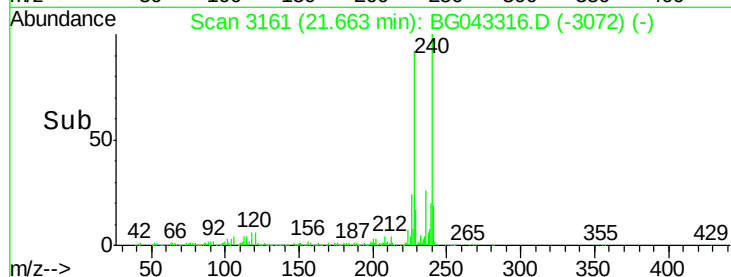
236 25.6 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 50.230 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

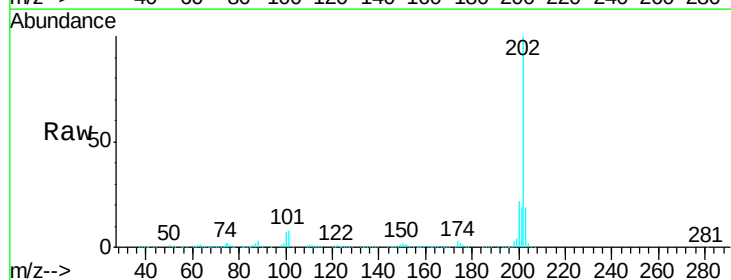
Tgt Ion:202 Resp: 959702

Ion Ratio Lower Upper

202 100

200 21.9 17.3 25.9

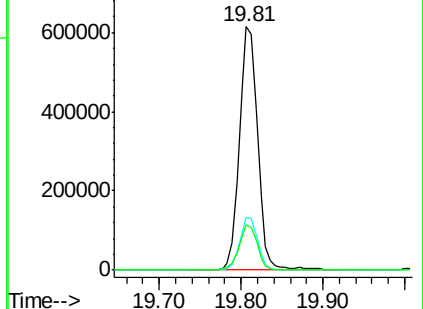
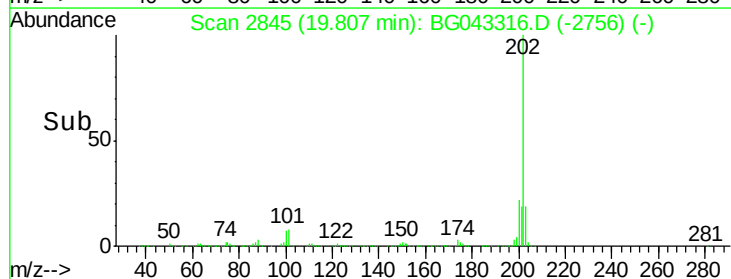
203 18.7 14.5 21.7

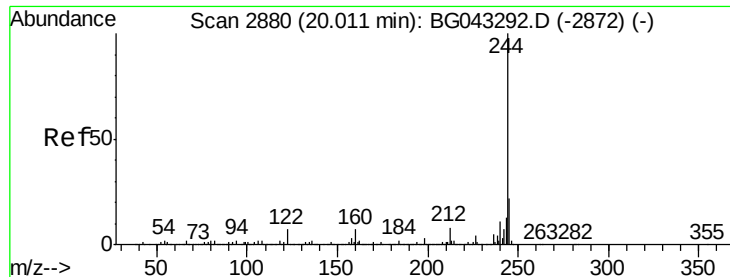


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.167 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

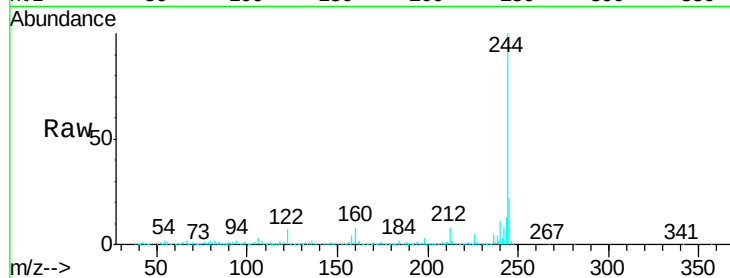
Tgt Ion:244 Resp: 1516406

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

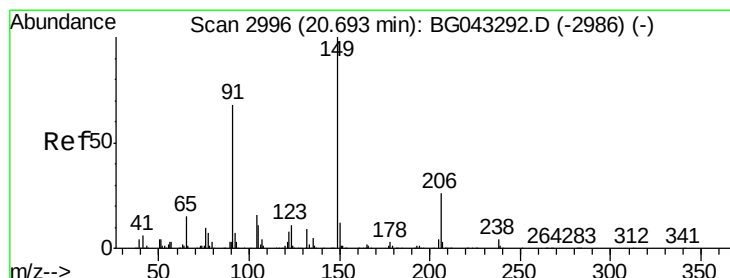
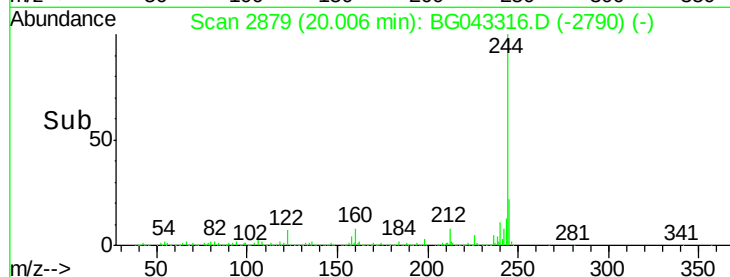
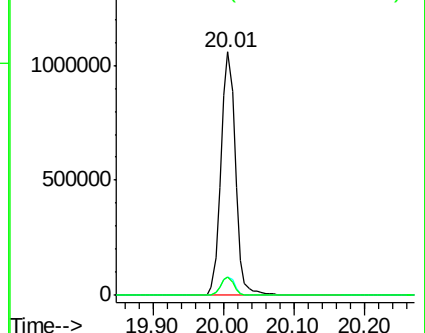
122 7.4 5.3 7.9



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: 50.133 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

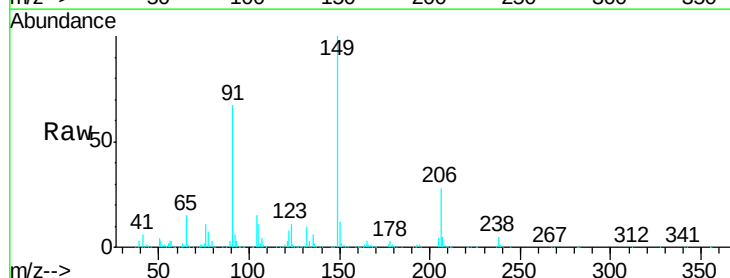
Tgt Ion:149 Resp: 362888

Ion Ratio Lower Upper

149 100

91 67.1 54.6 82.0

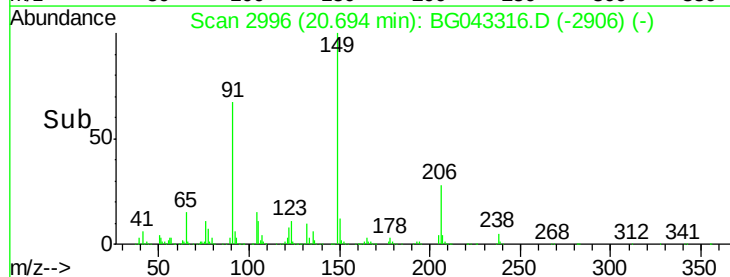
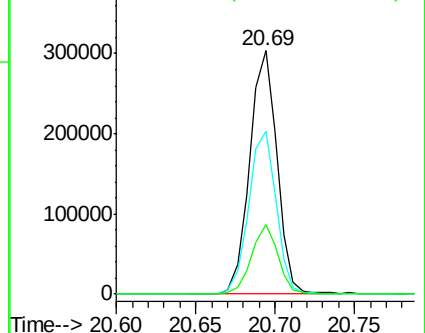
206 28.4 20.5 30.7

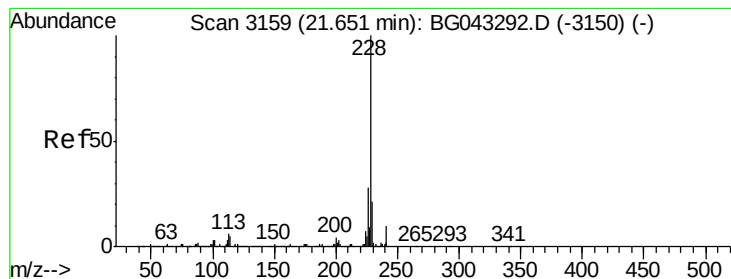


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.286 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

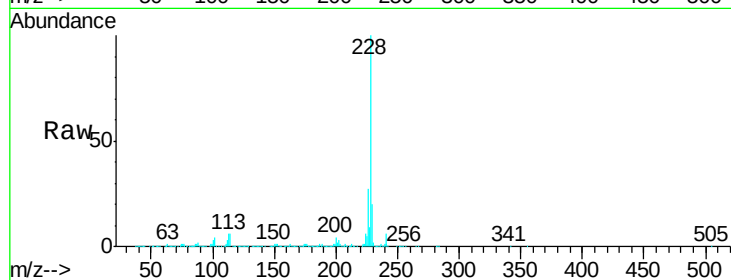
Tgt Ion:228 Resp: 991586

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.4

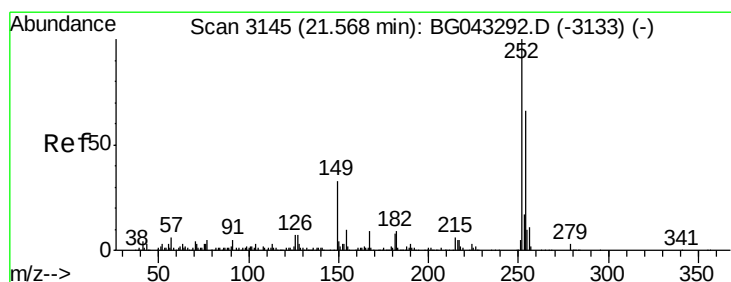
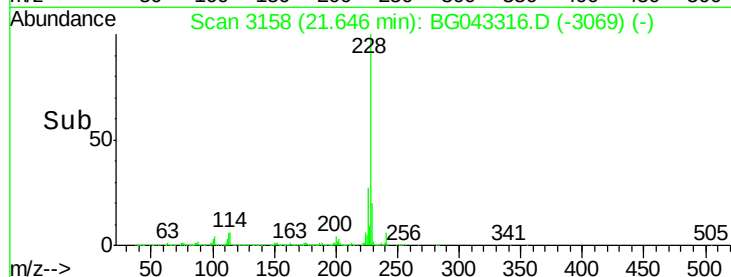
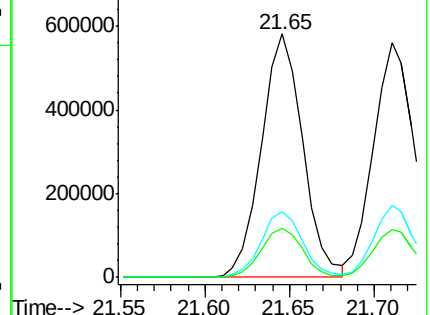
229 20.0 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.443 ng

RT: 21.57 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

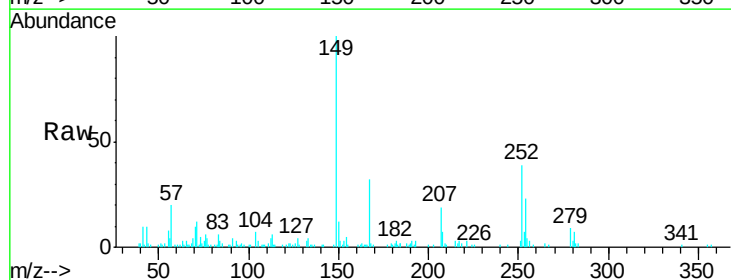
Tgt Ion:252 Resp: 25744

Ion Ratio Lower Upper

252 100

254 58.6 52.7 79.1

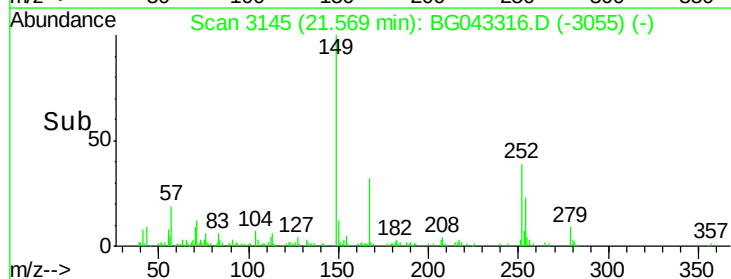
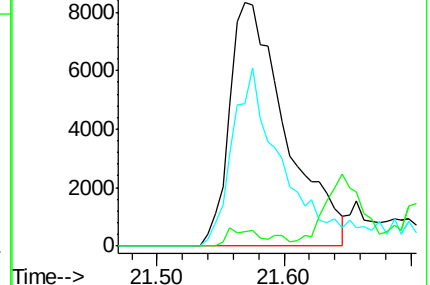
126 6.0 5.6 8.4

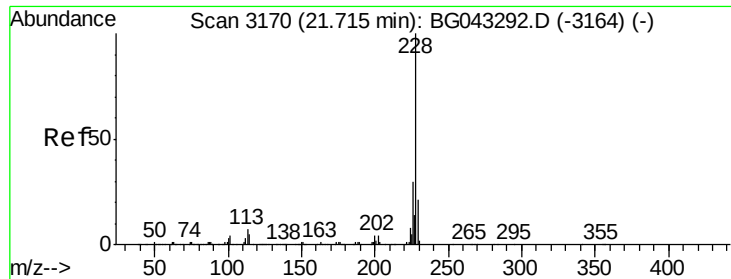


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.507 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

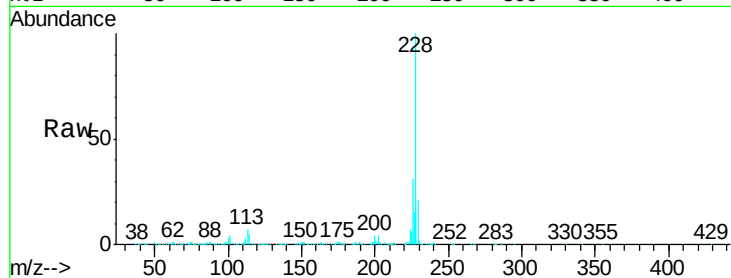
Tgt Ion: 228 Resp: 970262

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.8

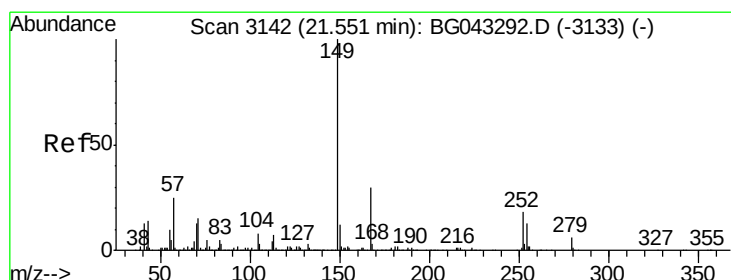
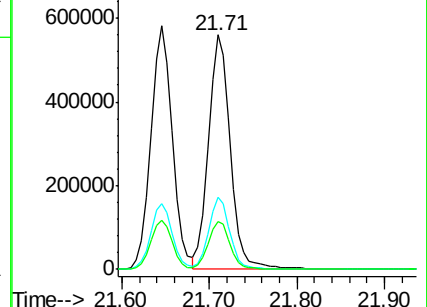
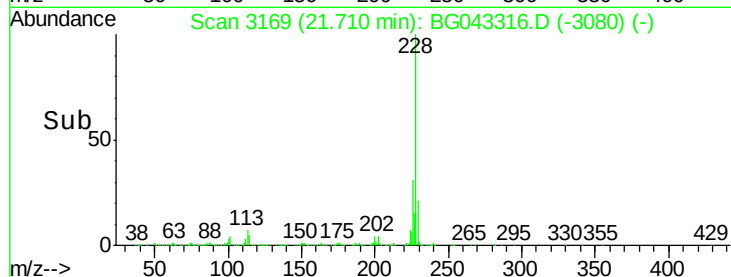
229 20.7 16.3 24.5



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: 51.200 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

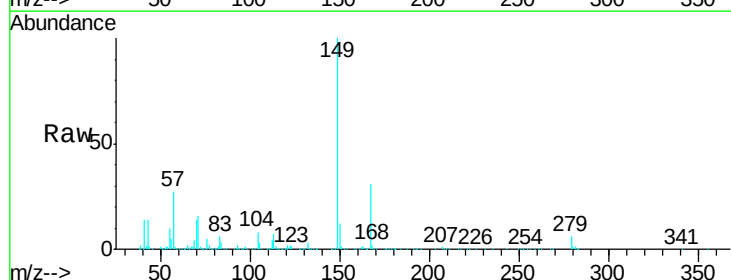
Tgt Ion: 149 Resp: 526454

Ion Ratio Lower Upper

149 100

167 30.9 23.9 35.9

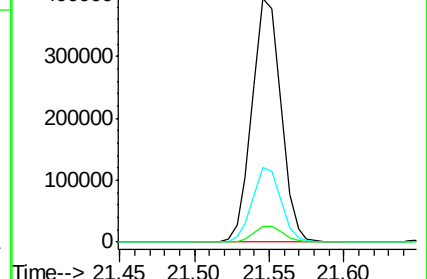
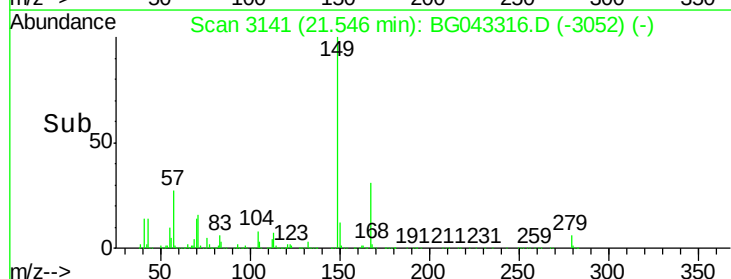
279 6.4 4.8 7.2

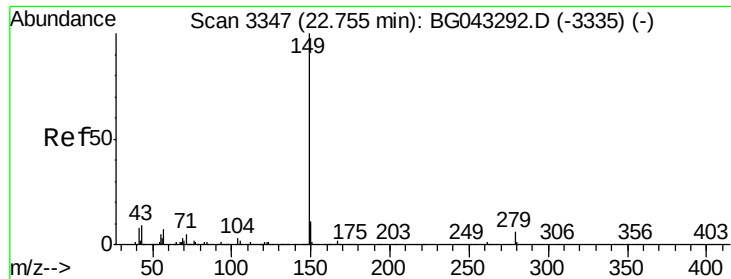


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.942 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

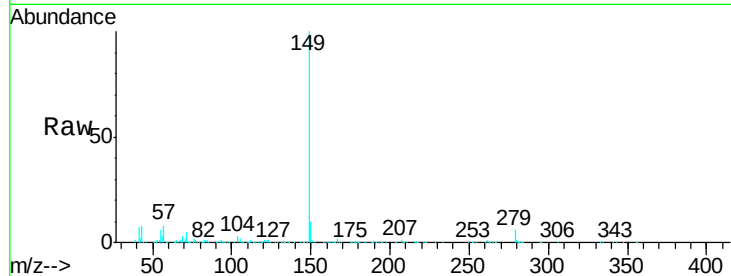
Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

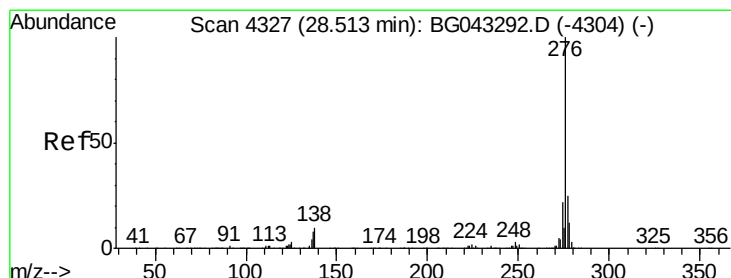
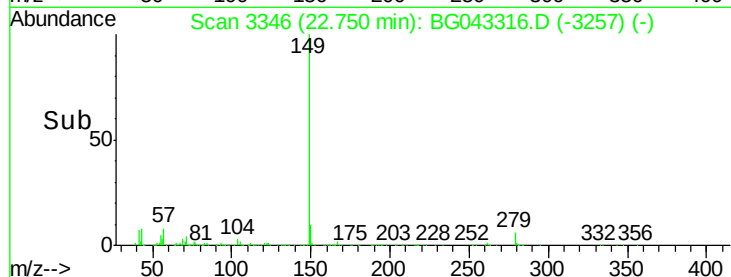
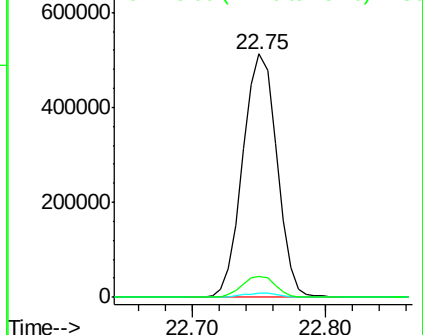
Tgt Ion:	149	Resp:	906119
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.5	6.9	10.3



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: 50.875 ng

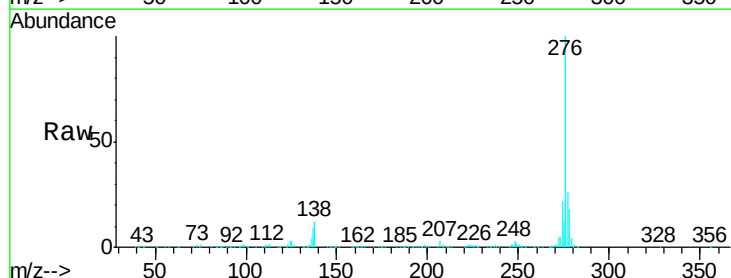
RT: 28.51 min Scan# 4327

Delta R.T. 0.00 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

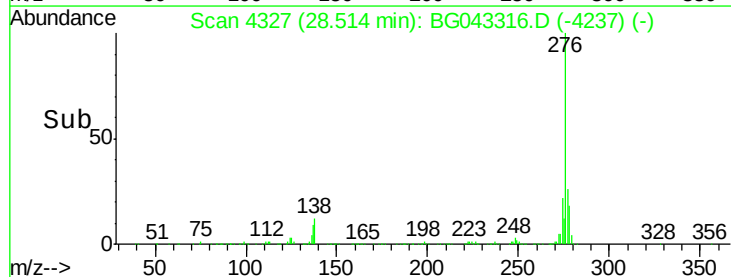
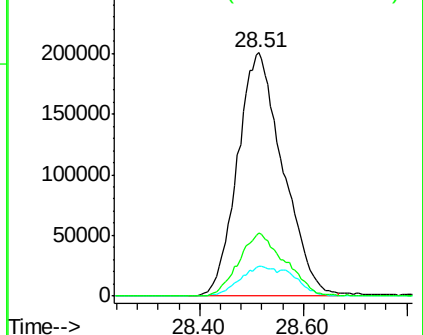
Tgt Ion:	276	Resp:	1226783
Ion	Ratio	Lower	Upper
276	100		
138	9.5	7.2	10.8
277	26.1	20.9	31.3

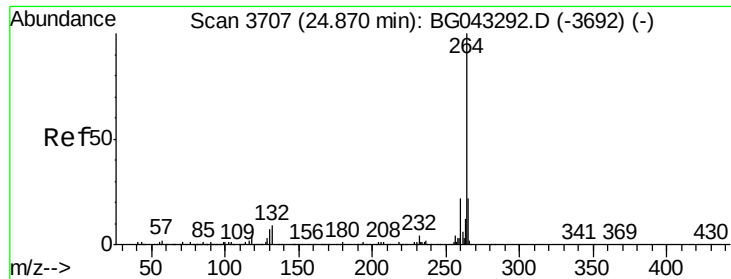


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



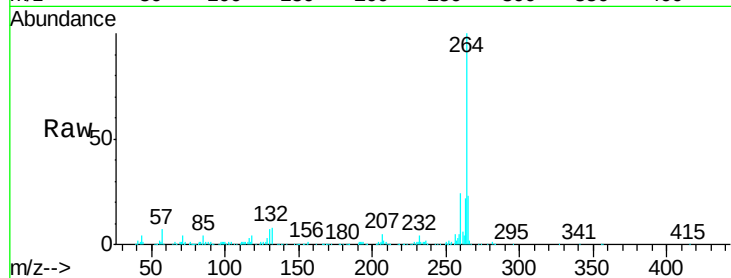


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

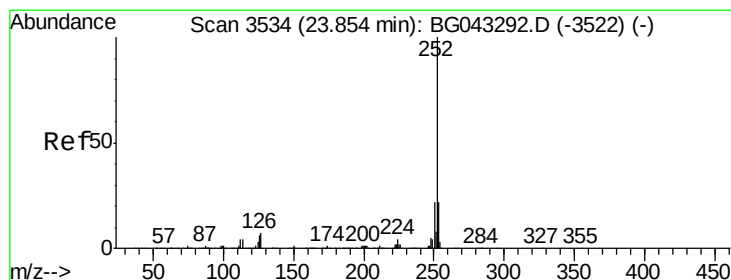
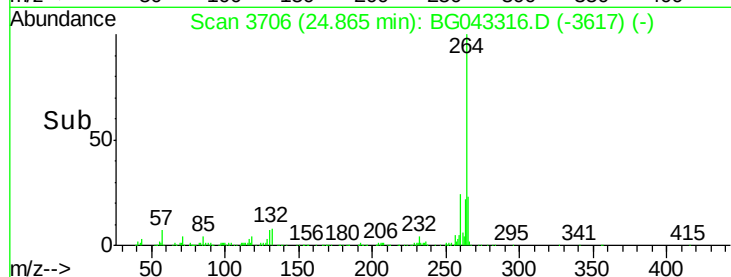
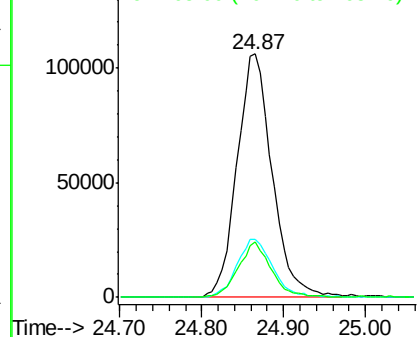
Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

Tgt Ion: 264 Resp: 317048

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.9	26.9
265	23.0	17.4	26.2



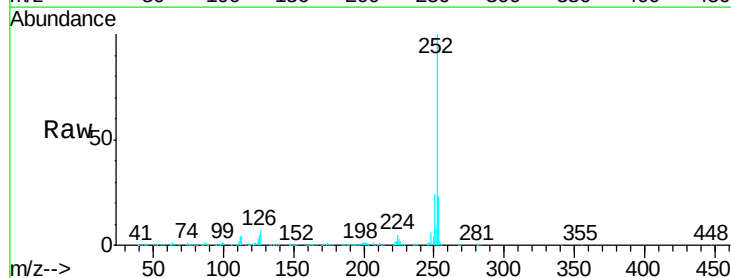
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



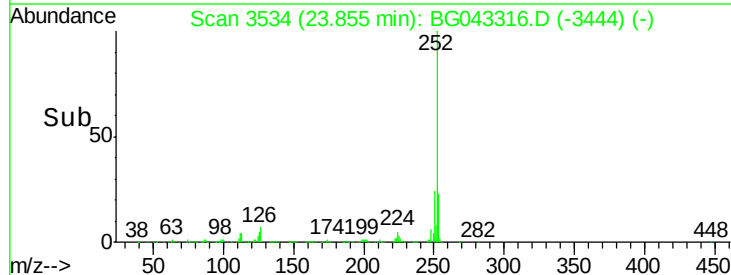
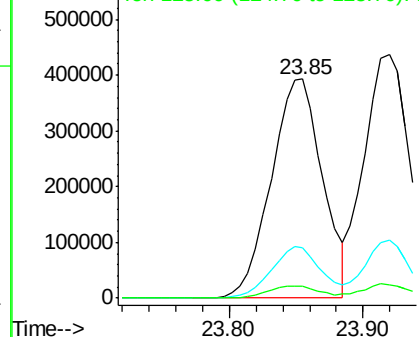
#88
Benzo(b)fluoranthene
Concen: 58.222 ng
RT: 23.85 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

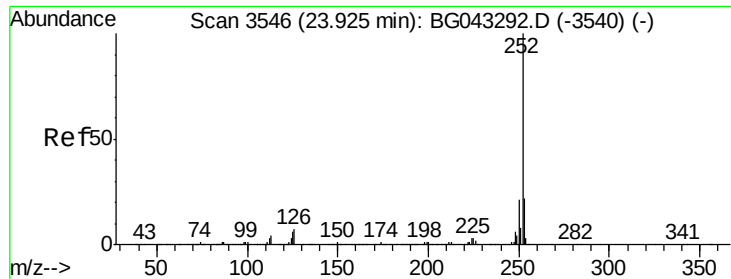
Tgt Ion: 252 Resp: 1045462

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	5.5	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

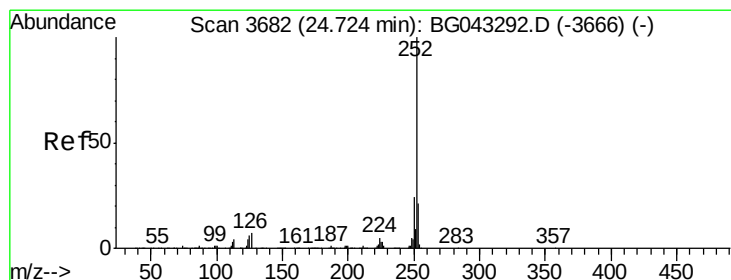
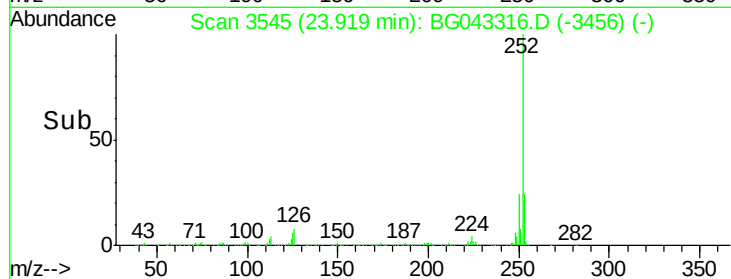
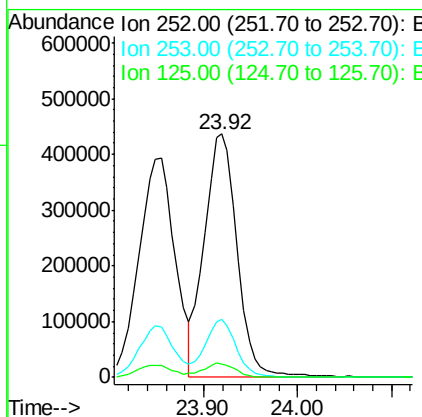
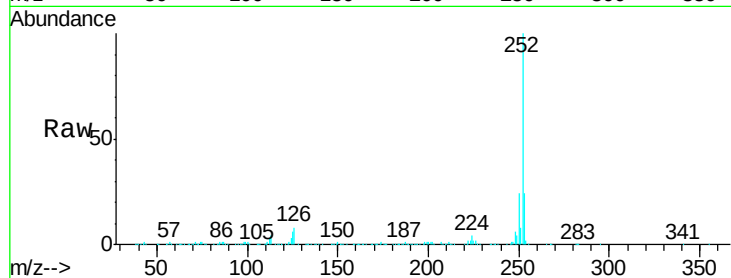




#89
Benzo(k)fluoranthene
Concen: 58.399 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

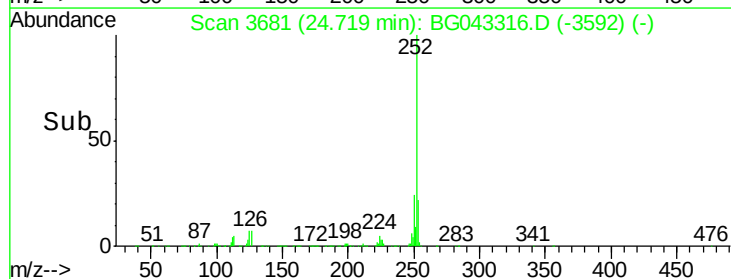
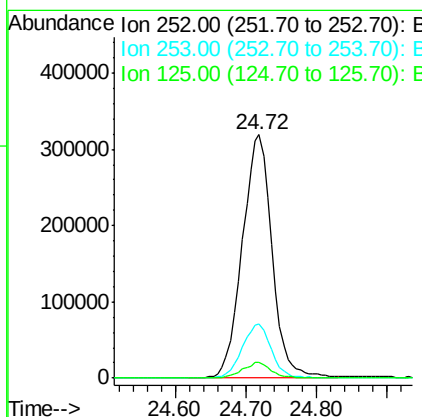
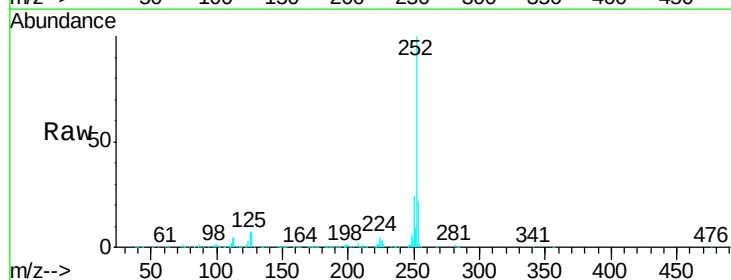
Instrument :
BNA_G
ClientSampleId :
BU-03-102119MS

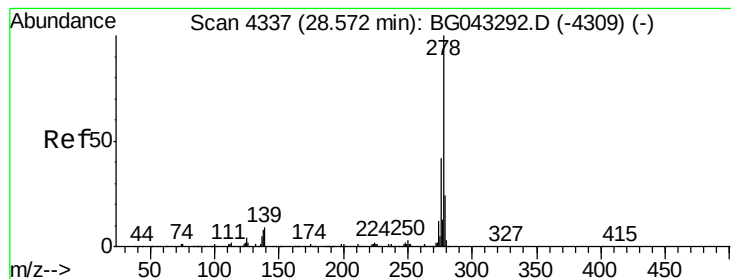
Tgt Ion:252 Resp: 1055687
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 5.6 4.5 6.7



#90
Benzo(a)pyrene
Concen: 54.502 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043316.D
Acq: 23 Oct 2019 19:58

Tgt Ion:252 Resp: 934567
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 6.7 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 60.143 ng

RT: 28.58 min Scan# 4338

Delta R.T. 0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

Instrument :

BNA_G

ClientSampleId :

BU-03-102119MS

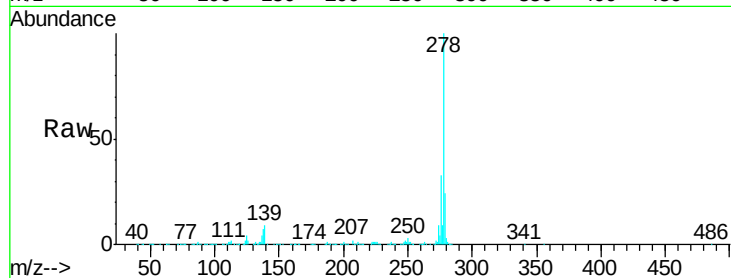
Tgt Ion:278 Resp: 1054854

Ion Ratio Lower Upper

278 100

139 9.0 6.8 10.2

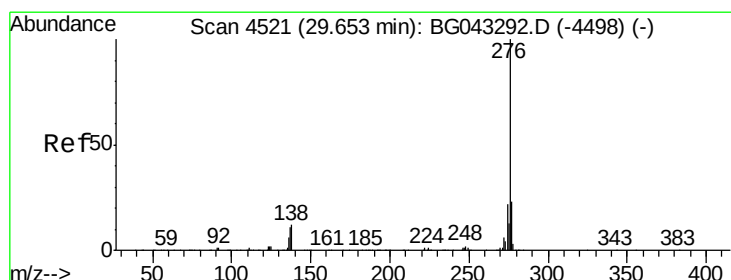
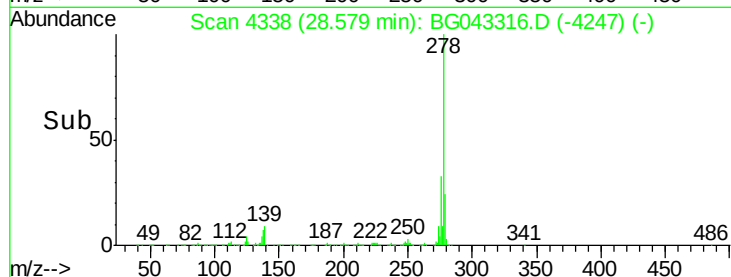
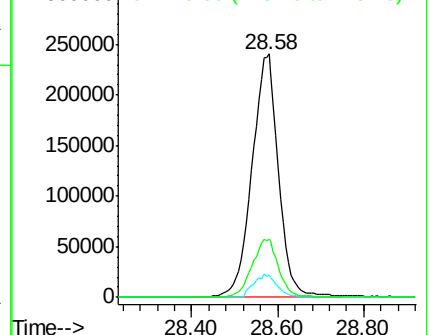
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 59.510 ng

RT: 29.65 min Scan# 4520

Delta R.T. -0.01 min

Lab File: BG043316.D

Acq: 23 Oct 2019 19:58

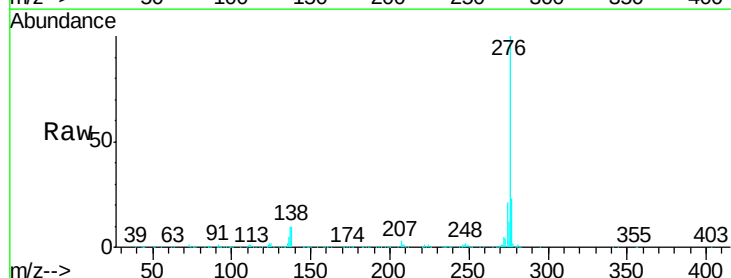
Tgt Ion:276 Resp: 1029551

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 9.8 9.3 13.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

