

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043440.D
 Acq On : 31 Oct 2019 19:02
 Operator : JU
 Sample : K5587-15MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 04:00:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43964	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	167359	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	118757	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	277034	20.00	ng	0.00
76) Chrysene-d12	21.67	240	293955	20.00	ng	0.00
87) Perylene-d12	24.86	264	358036	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	313109	130.51	ng	0.01
7) Phenol-d6	7.21	99	455538	131.97	ng	0.01
23) Nitrobenzene-d5	9.19	82	273205	84.16	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	264159	116.89	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	686644	79.89	ng	0.00
79) Terphenyl-d14	20.00	244	1252261	79.92	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	37704	40.327 ng	94
3) Pyridine	3.89	79	90949	38.563 ng	98
4) n-Nitrosodimethylamine	3.81	42	56404	47.395 ng	83
6) Aniline	7.35	93	135212	34.003 ng	96
8) 2-Chlorophenol	7.60	128	128376	48.472 ng	98
9) Benzaldehyde	7.16	77	67129	39.571 ng	94
10) Phenol	7.24	94	166085	52.653 ng	94
11) bis(2-Chloroethyl)ether	7.44	93	104355	42.791 ng	98
12) 1,3-Dichlorobenzene	7.91	146	141012	42.496 ng	98
13) 1,4-Dichlorobenzene	8.06	146	145654	43.385 ng	98
14) 1,2-Dichlorobenzene	8.38	146	137102	41.825 ng	97
15) Benzyl Alcohol	8.26	79	113320	46.744 ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	144721	40.811 ng	95
17) 2-Methylphenol	8.48	107	106159	46.166 ng	99
18) Hexachloroethane	9.11	117	50265	41.498 ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	93979	42.133 ng	96
20) 3+4-Methylphenols	8.81	107	145642	46.189 ng	88
22) Acetophenone	8.85	105	183876	42.903 ng	# 98
24) Nitrobenzene	9.23	77	147037	47.548 ng	99
25) Isophorone	9.75	82	265641	44.758 ng	98
26) 2-Nitrophenol	9.94	139	72781	48.749 ng	96
27) 2,4-Dimethylphenol	10.01	122	119618	55.901 ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	143302	43.748 ng	97
29) 2,4-Dichlorophenol	10.49	162	134784	49.161 ng	88
30) 1,2,4-Trichlorobenzene	10.69	180	153597	44.449 ng	99
31) Naphthalene	10.88	128	396650	46.692 ng	99
32) Benzoic acid	10.19	122	62059	39.871 ng	94
33) 4-Chloroaniline	11.00	127	72575	20.842 ng	98
34) Hexachlorobutadiene	11.16	225	107598	42.122 ng	89
35) Caprolactam	11.76	113	19323	20.464 ng	# 83
36) 4-Chloro-3-methylphenol	12.13	107	142045	47.497 ng	96
37) 2-Methylnaphthalene	12.48	142	300411	46.089 ng	98
38) 1-Methylnaphthalene	12.70	142	282589	45.566 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	195844	44.560 ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	227418	98.504	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	125857	48.626	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	136455	52.148	nq	97
46) 1,1'-Biphenyl	13.48	154	396304	43.866	nq	97
47) 2-Chloronaphthalene	13.53	162	306497	44.588	nq	98
48) 2-Nitroaniline	13.73	65	92472	45.010	nq	96
49) Acenaphthylene	14.38	152	505014	47.205	nq	100
50) Dimethylphthalate	14.11	163	507946	55.220	nq	99
51) 2,6-Dinitrotoluene	14.22	165	93527	46.802	nq	99
52) Acenaphthene	14.72	154	298027	45.680	nq	98
53) 3-Nitroaniline	14.56	138	52571	27.248	nq	# 98
54) 2,4-Dinitrophenol	14.77	184	100325	80.360	nq	95
55) Dibenzofuran	15.05	168	487014	46.031	nq	99
56) 4-Nitrophenol	14.89	139	133995	103.636	nq	92
57) 2,4-Dinitrotoluene	15.02	165	130454	45.679	nq	96
58) Fluorene	15.70	166	407530	45.925	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	136642	49.150	nq	# 100
60) Diethylphthalate	15.46	149	403339	43.639	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	232989	45.007	nq	96
62) 4-Nitroaniline	15.73	138	84610	42.463	nq	97
63) Azobenzene	15.98	77	339184	45.344	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	80672	49.481	nq	96
66) n-Nitrosodiphenylamine	15.90	169	360207	46.054	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	166449	44.645	nq	98
68) Hexachlorobenzene	16.71	284	186928	43.679	nq	97
69) Atrazine	16.85	200	156272	57.500	nq	98
70) Pentachlorophenol	17.05	266	206450	105.870	nq	97
71) Phenanthrene	17.44	178	647594	45.649	nq	99
72) Anthracene	17.53	178	669624	47.178	nq	99
73) Carbazole	17.80	167	600304	46.704	nq	99
74) Di-n-butylphthalate	18.35	149	700807	44.936	nq	99
75) Fluoranthene	19.45	202	857970	46.391	nq	98
77) Benzidine	19.63	184	404533	68.380	nq	99
78) Pyrene	19.81	202	870088	47.819	nq	99
80) Butylbenzylphthalate	20.69	149	326175	47.316	nq	94
81) Benzo(a)anthracene	21.64	228	894180	48.562	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	229572	32.235	nq	98
83) Chrysene	21.71	228	865404	47.303	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	469829	47.979	nq	98
85) Di-n-octyl phthalate	22.75	149	813108	48.943	nq	100
86) Indeno(1,2,3-cd)pyrene	28.52	276	1156023	50.339	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	958731	47.279	nq	97
89) Benzo(k)fluoranthene	23.92	252	970821	47.557	nq	98
90) Benzo(a)pyrene	24.72	252	887910	45.854	nq	99
91) Dibenzo(a,h)anthracene	28.57	278	966581	48.801	nq	99
92) Benzo(g,h,i)perylene	29.65	276	970190	49.659	nq	98

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

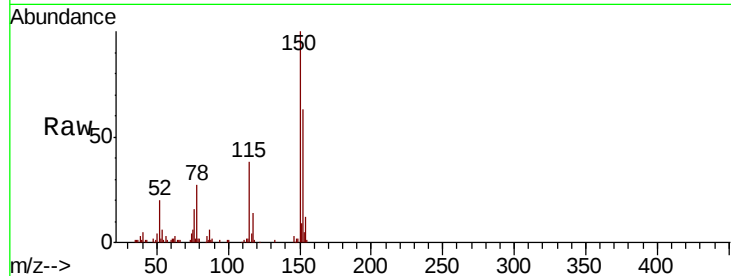


#1

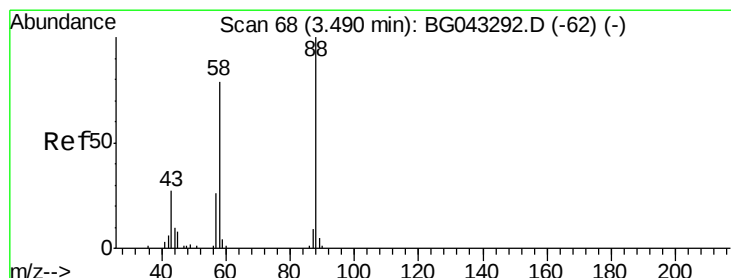
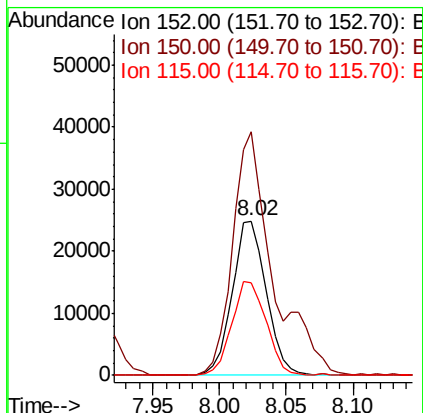
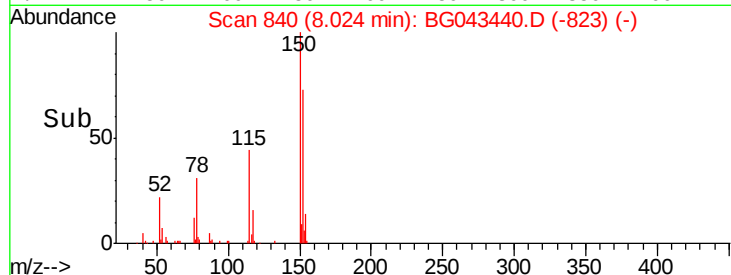
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43964
Ion Ratio Lower Upper
152 100
150 157.6 113.6 170.4
115 59.7 45.9 68.9



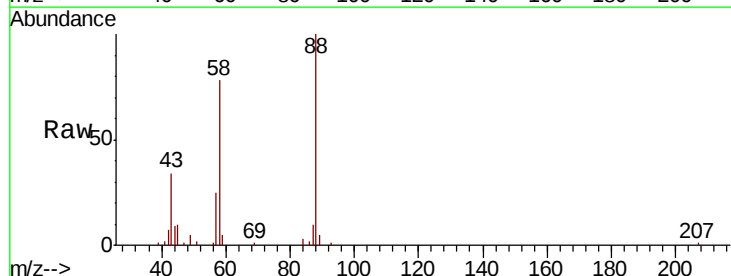
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



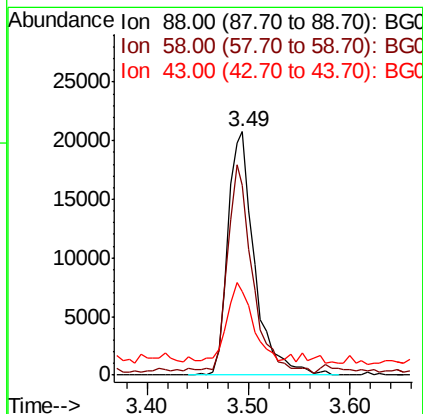
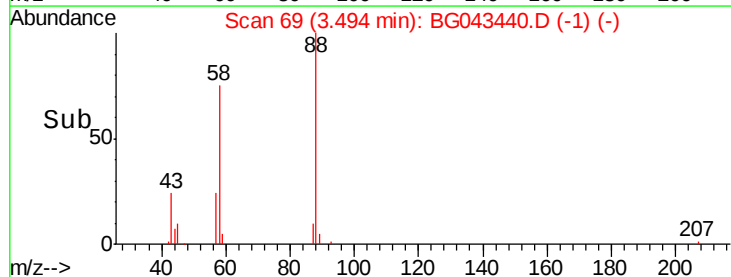
#2

1,4-Dioxane
Concen: 40.327 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion: 88 Resp: 37704
Ion Ratio Lower Upper
88 100
58 80.9 60.2 90.2
43 29.7 22.7 34.1



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





#3

Pvridine

Concen: 38.563 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

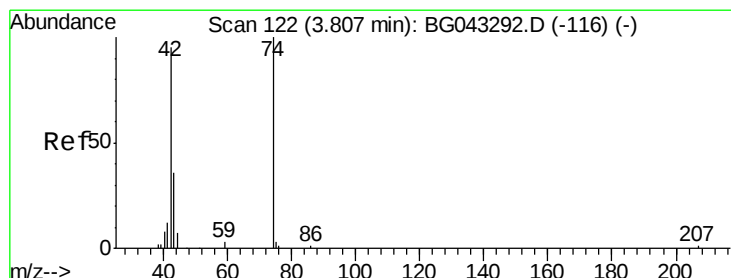
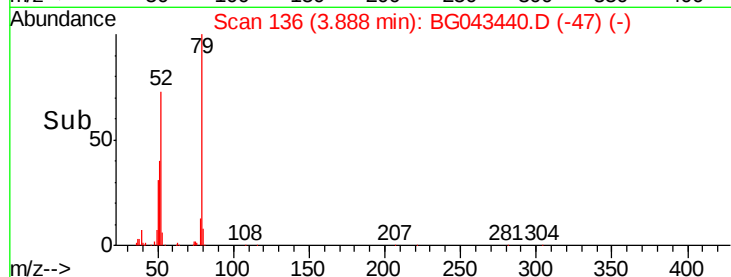
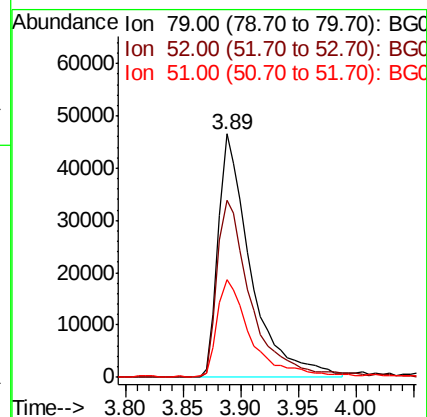
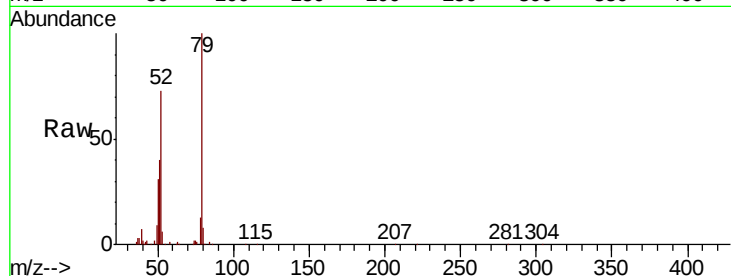
Tot Ion: 79 Resp: 90949

Ion Ratio Lower Upper

79 100

52 72.8 59.7 89.5

51 40.2 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 47.395 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

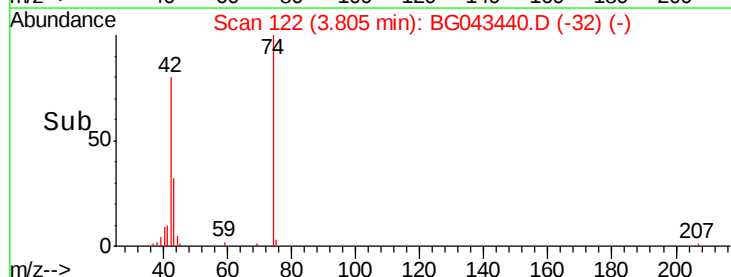
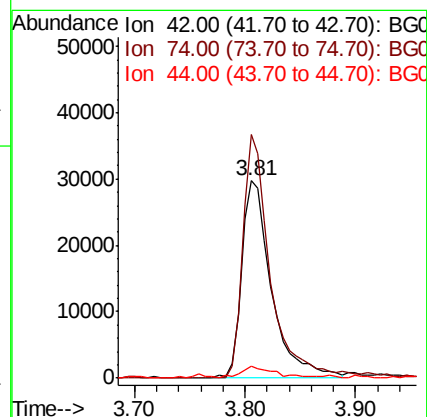
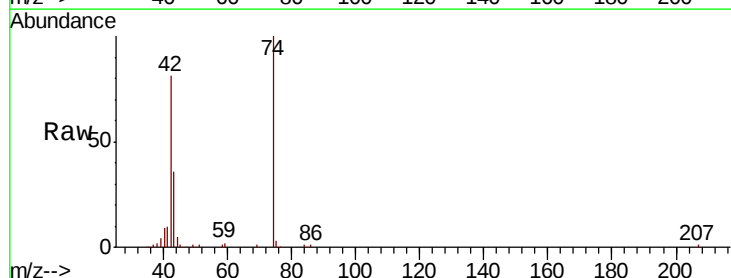
Tgt Ion: 42 Resp: 56404

Ion Ratio Lower Upper

42 100

74 123.5 84.2 126.2

44 6.1 6.0 9.0





#5

2-Fluorophenol

Concen: 130.506 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

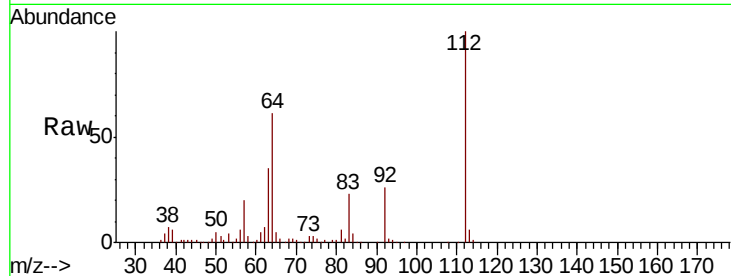
Tot Ion:112 Resp: 313109

Ion Ratio Lower Upper

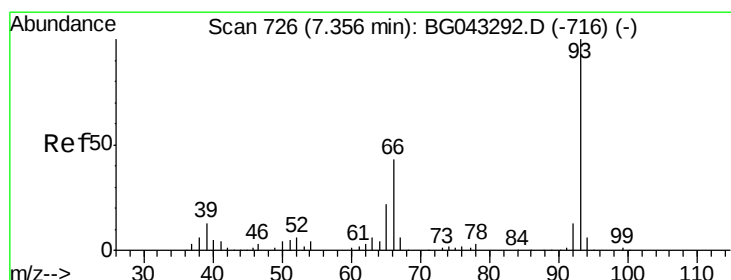
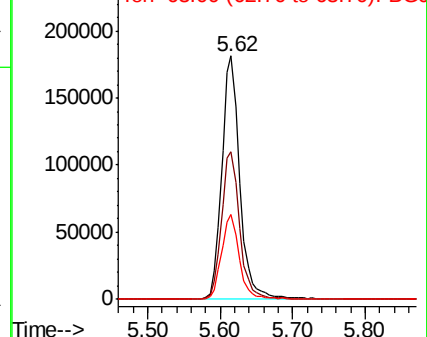
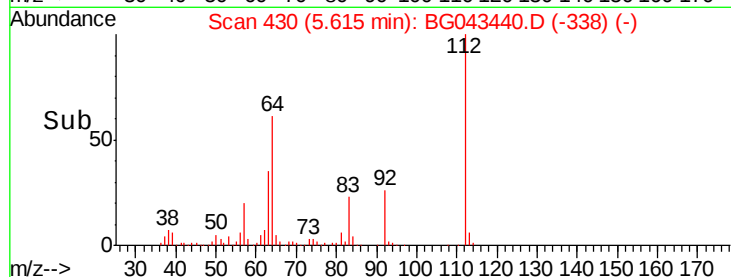
112 100

64 60.8 50.2 75.2

63 34.7 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.003 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

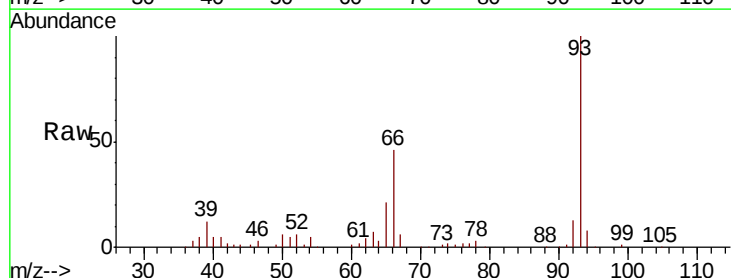
Tgt Ion: 93 Resp: 135212

Ion Ratio Lower Upper

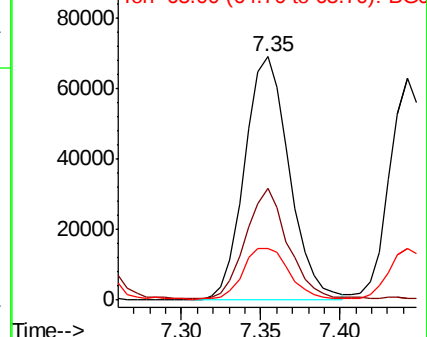
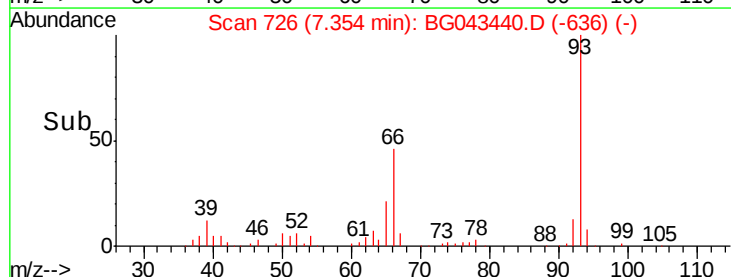
93 100

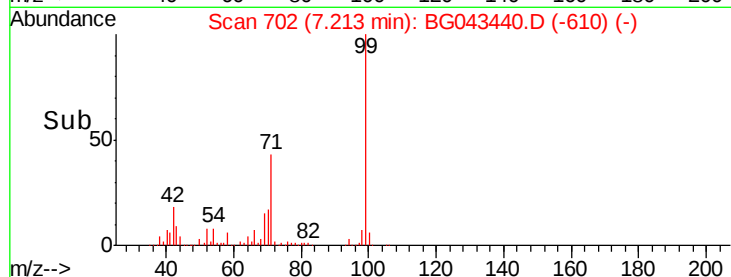
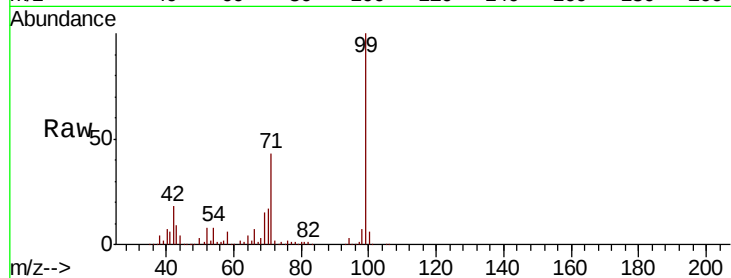
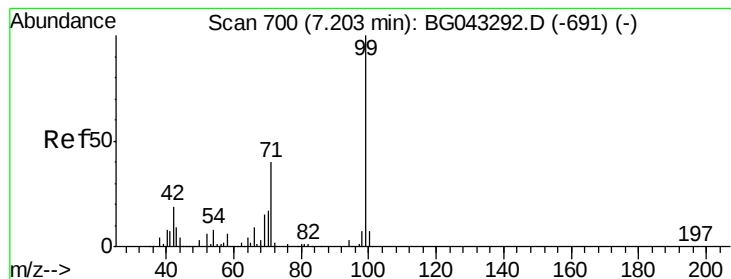
66 46.1 34.5 51.7

65 21.0 18.0 27.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.968 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

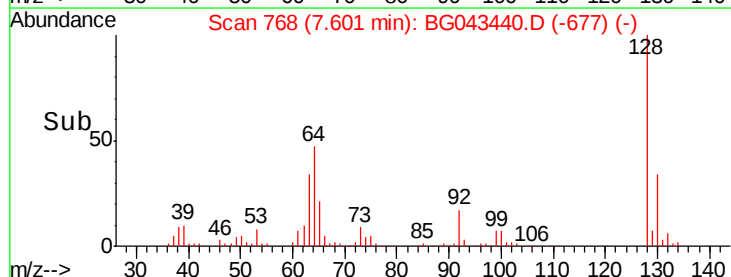
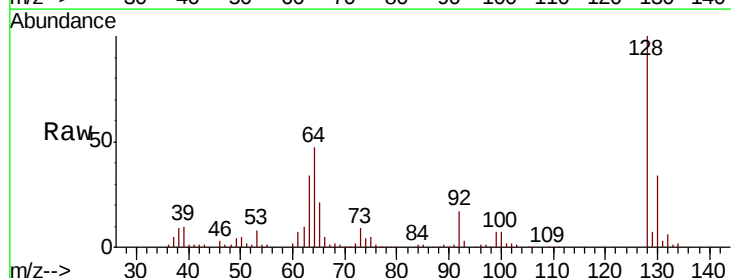
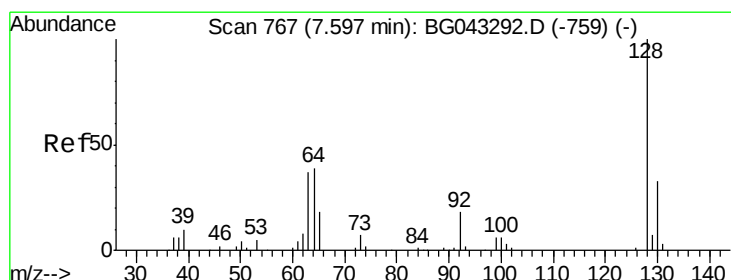
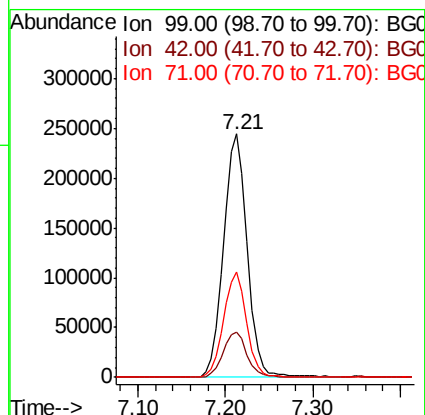
Tot Ion: 99 Resp: 45538

Ion Ratio Lower Upper

99 100

42 18.3 14.9 22.3

71 43.3 32.2 48.2



#8

2-Chlorophenol

Concen: 48.472 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

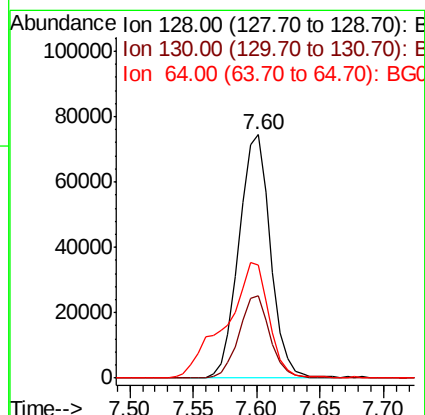
Tgt Ion: 128 Resp: 128376

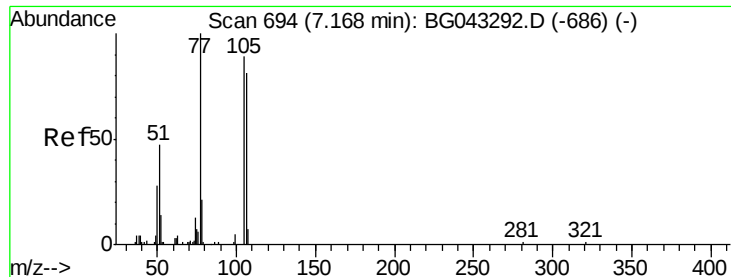
Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

64 46.6 24.9 64.9





#9

Benzaldehyde

Concen: 39.571 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampled :

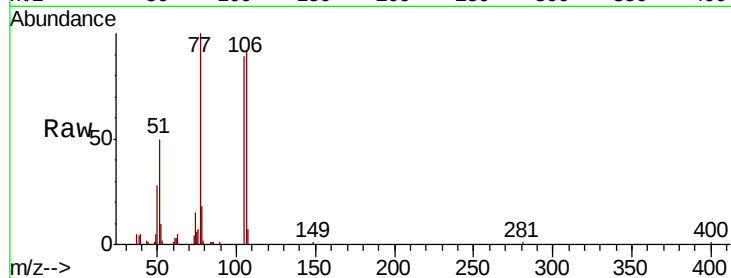
Tot Ion: 77 Resp: 67129

Ion Ratio Lower Upper

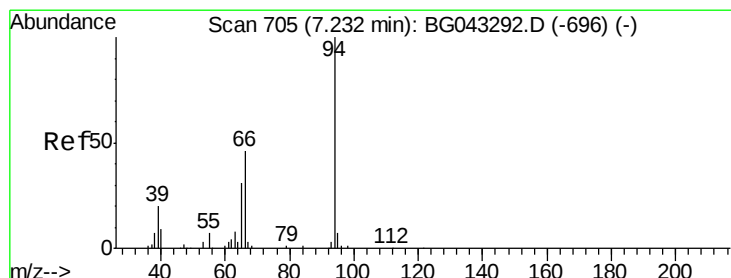
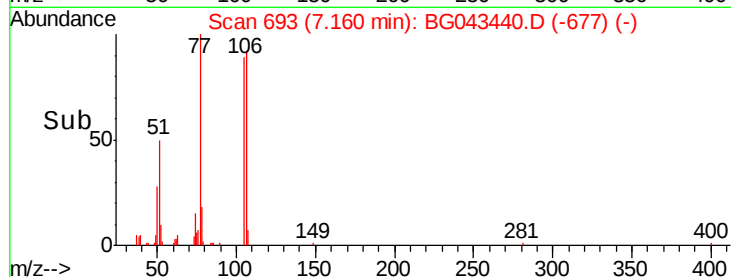
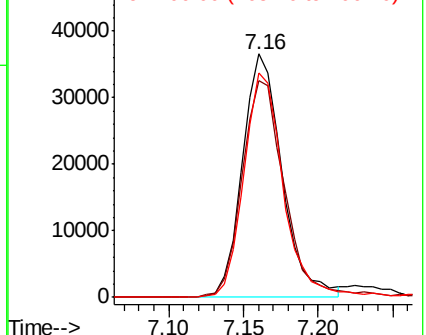
77 100

105 89.0 68.7 108.7

106 92.0 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: 52.653 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

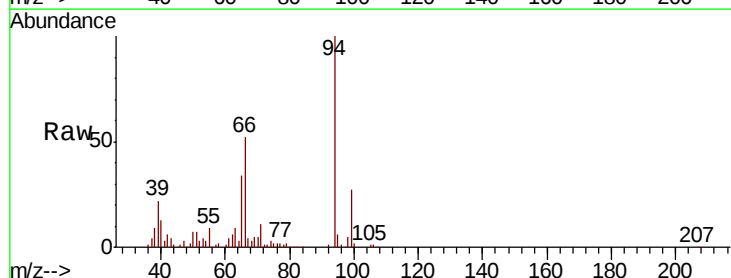
Tgt Ion: 94 Resp: 166085

Ion Ratio Lower Upper

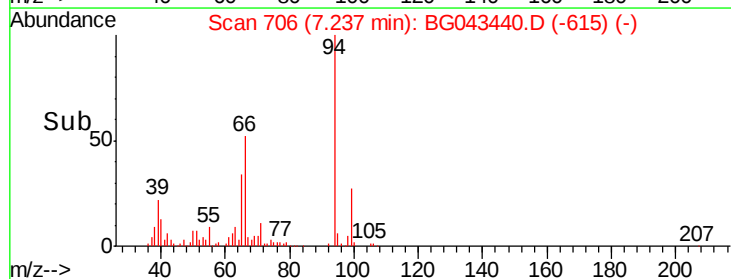
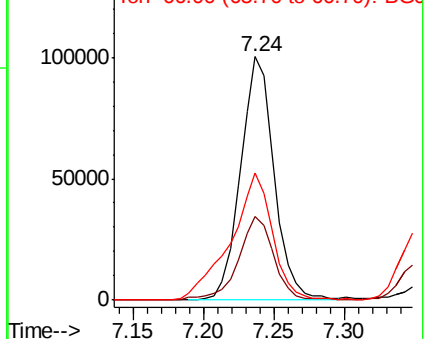
94 100

65 34.1 11.1 51.1

66 52.4 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

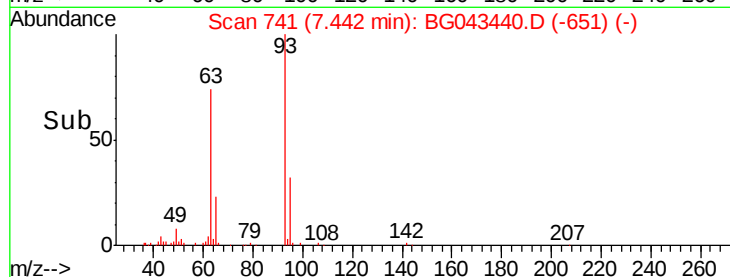
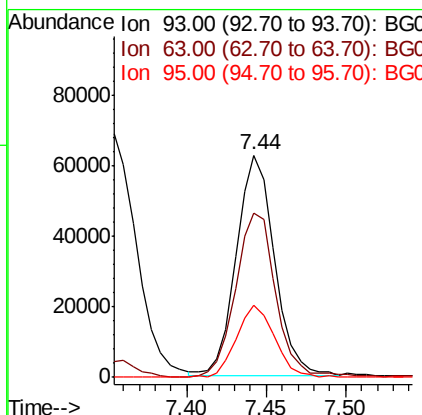
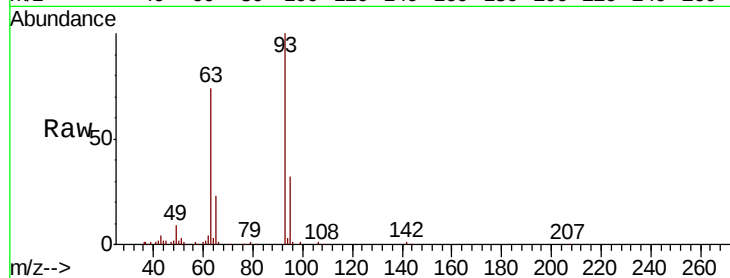




#11
 bis(2-Chloroethyl)ether
 Concen: 42.791 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

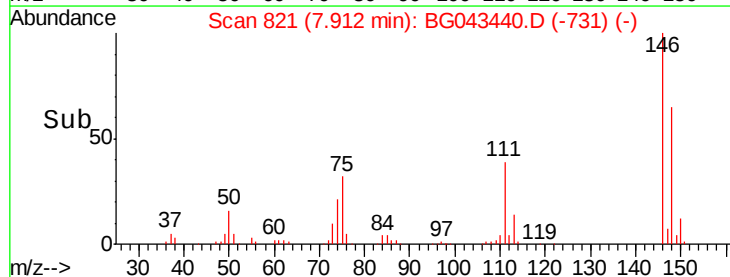
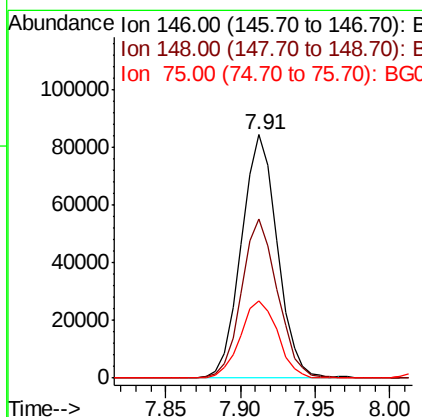
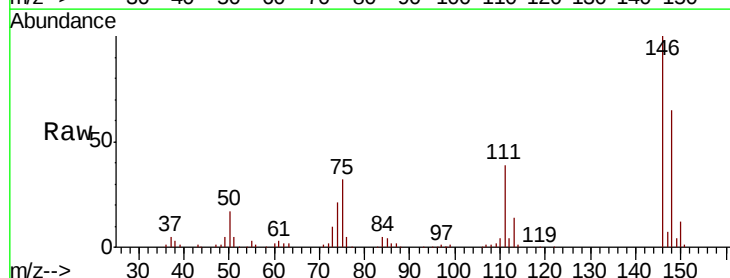
Instrument :
 BNA_G
 ClientSampleId :

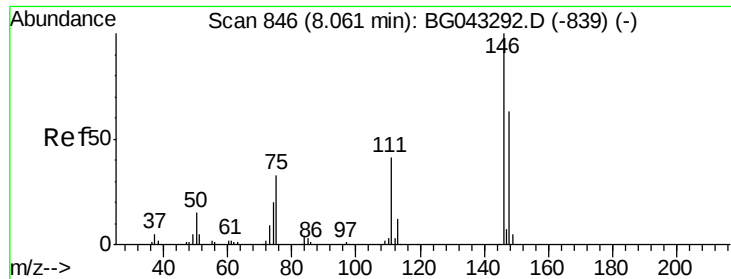
Tot Ion	93	Resp	104355
Ion Ratio	Lower	Upper	
93	100		
63	73.8	54.6	94.6
95	32.3	9.7	49.7



#12
 1,3-Dichlorobenzene
 Concen: 42.496 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	146	Resp	141012
Ion Ratio	Lower	Upper	
146	100		
148	65.4	53.4	80.2
75	31.6	27.0	40.4

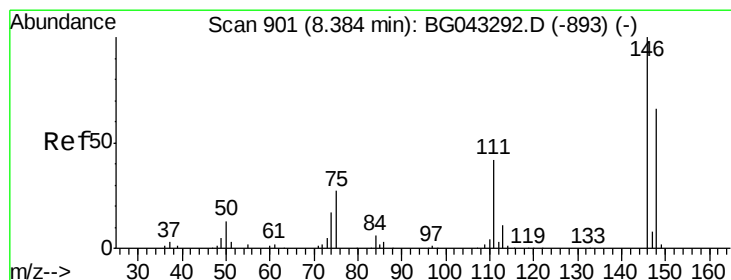
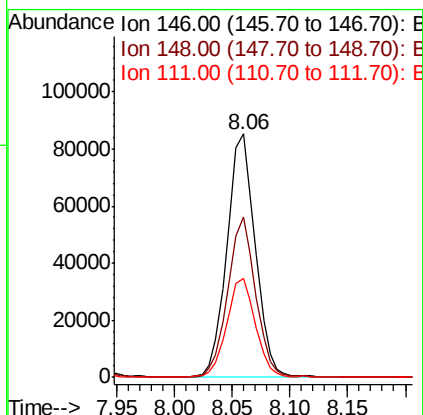
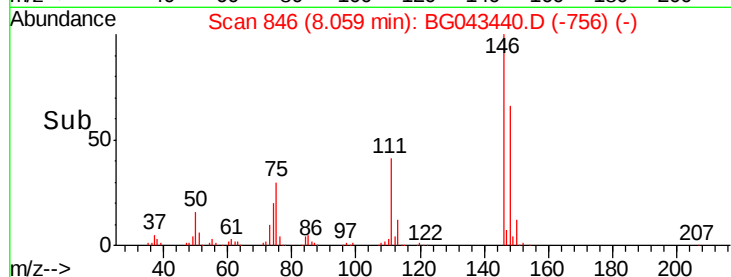
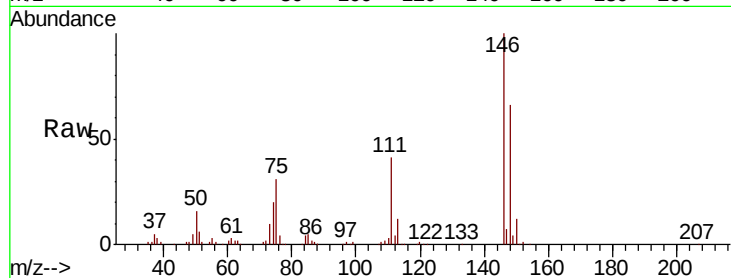




#13
 1,4-Dichlorobenzene
 Concen: 43.385 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

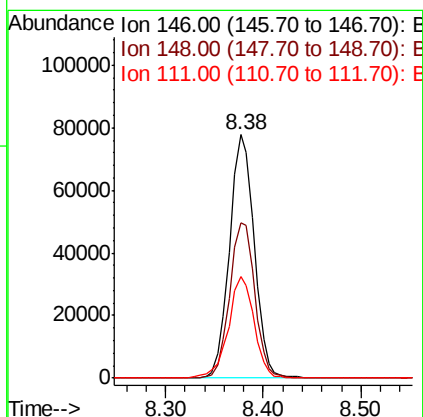
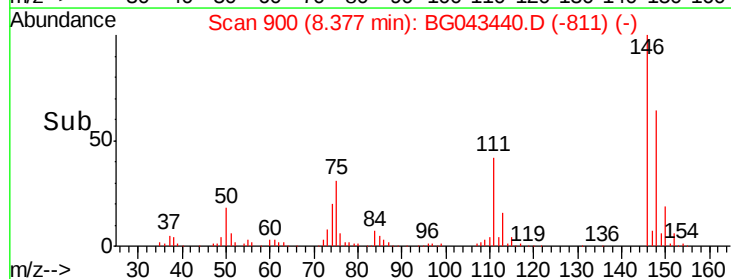
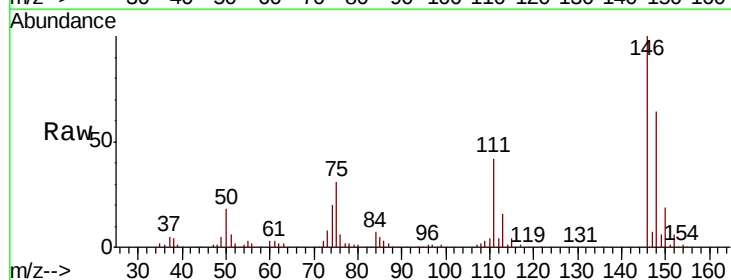
Instrument :
 BNA_G
 ClientSampled :

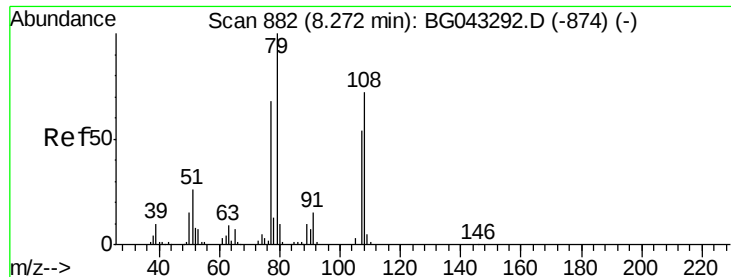
Tot Ion:146 Resp: 145654
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.7 76.1
 111 40.8 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 41.825 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion:146 Resp: 137102
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.0 79.4
 111 41.7 34.5 51.7





#15

Benzyl Alcohol

Concen: 46.744 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampled :

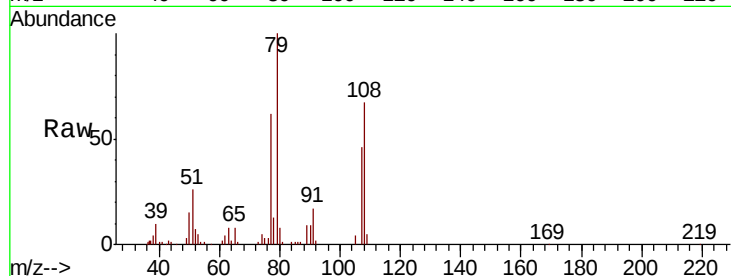
Tot Ion: 79 Resp: 113320

Ion Ratio Lower Upper

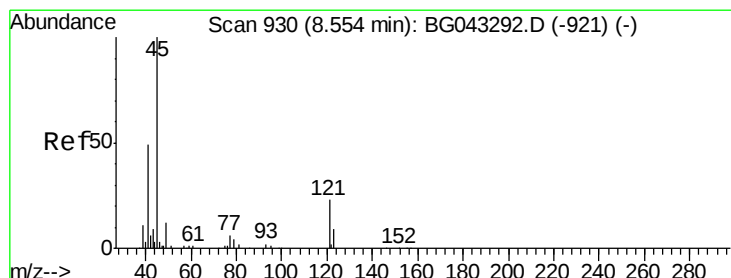
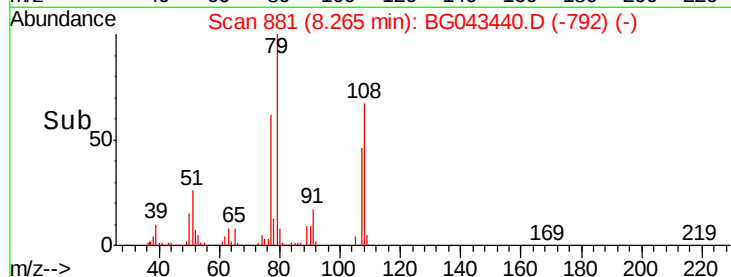
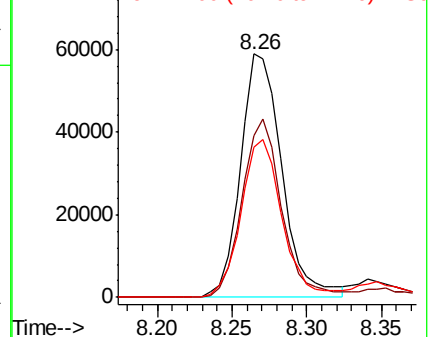
79 100

108 66.6 57.3 85.9

77 61.7 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: 40.811 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

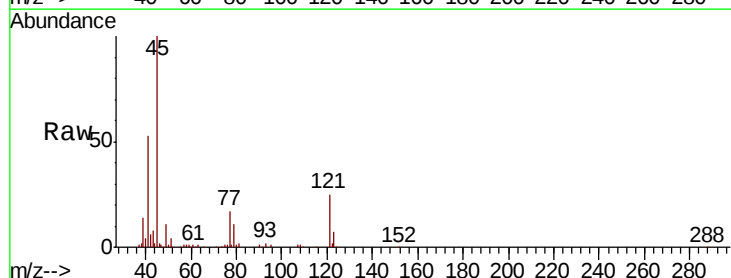
Tgt Ion: 45 Resp: 144721

Ion Ratio Lower Upper

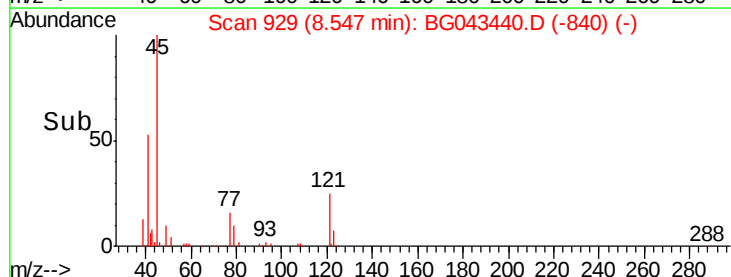
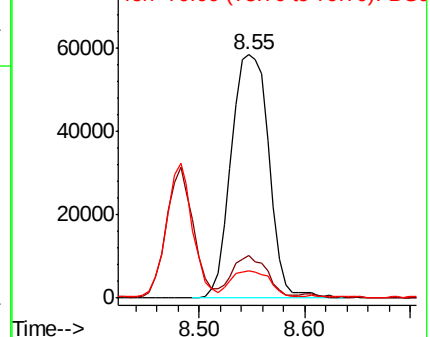
45 100

77 17.4 0.0 34.2

79 11.4 0.0 32.3



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





#17

2-Methylphenol

Concen: 46.166 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 106159

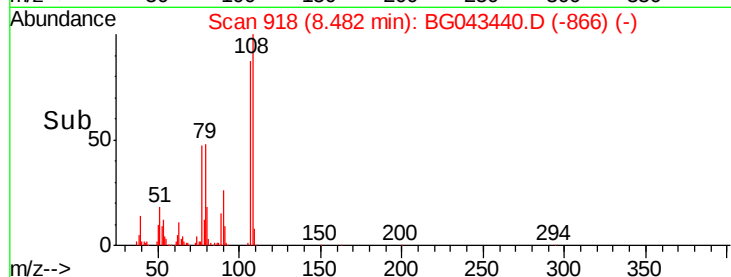
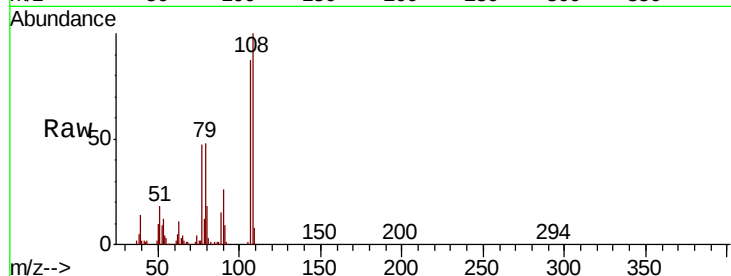
Ion Ratio Lower Upper

107 100

108 115.3 91.3 136.9

77 53.7 43.0 64.6

79 55.0 43.4 65.2

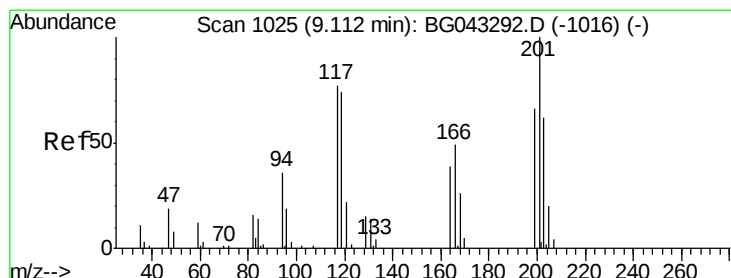
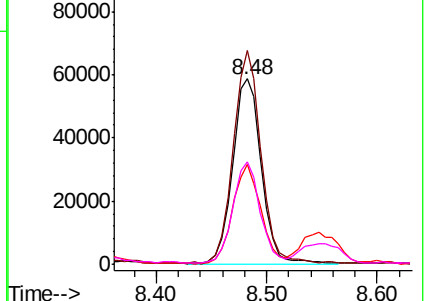


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.498 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

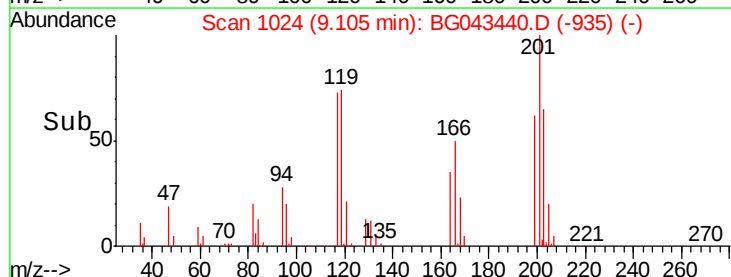
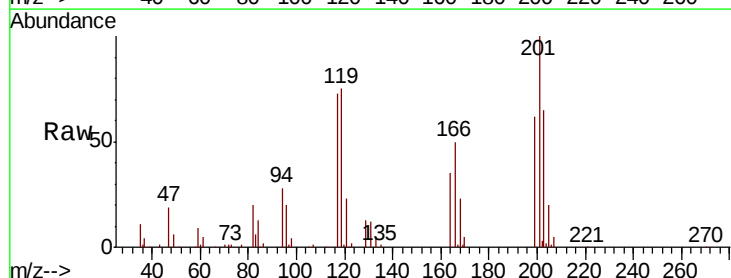
Tgt Ion:117 Resp: 50265

Ion Ratio Lower Upper

117 100

119 101.8 77.3 115.9

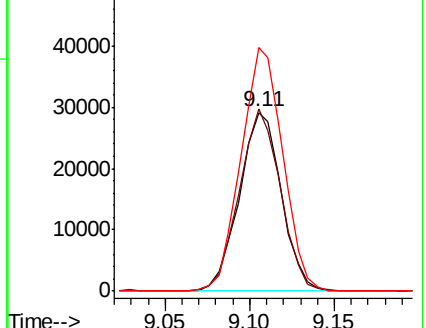
201 136.4 104.2 156.4

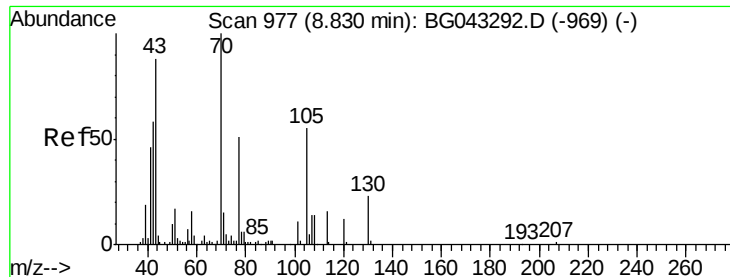


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

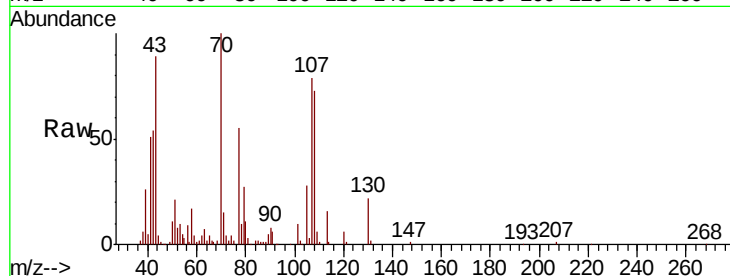




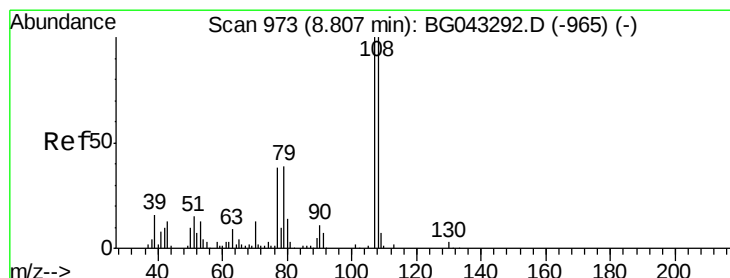
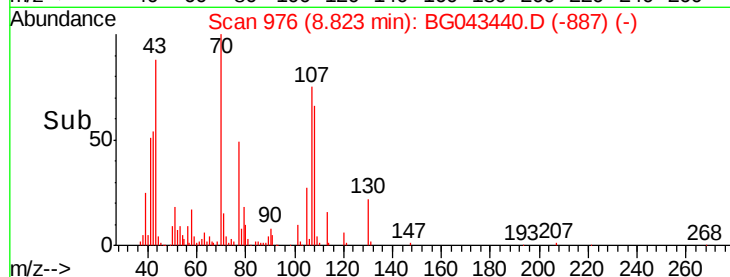
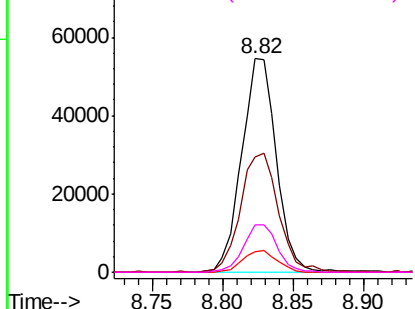
#19
n-Nitroso-di-n-propylamine
Concen: 42.133 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	93979
Ion	Ratio	Lower	Upper
70	100		
42	54.2	46.2	69.2
101	9.8	8.6	13.0
130	22.4	18.6	27.8

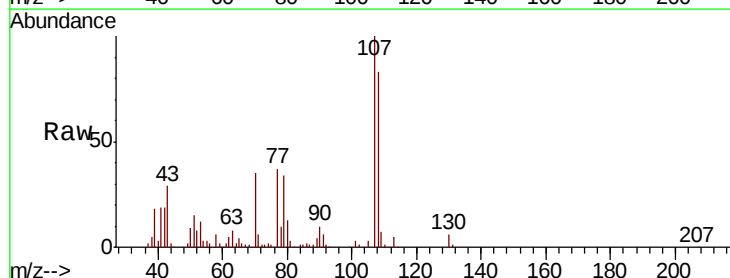


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

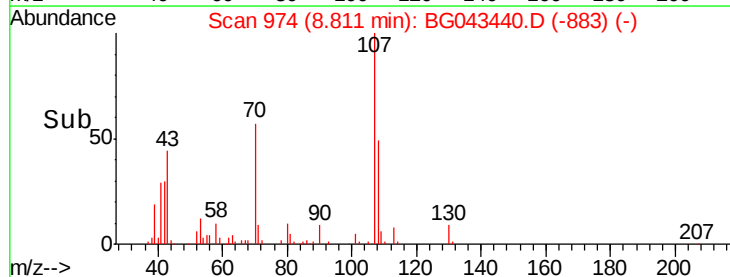
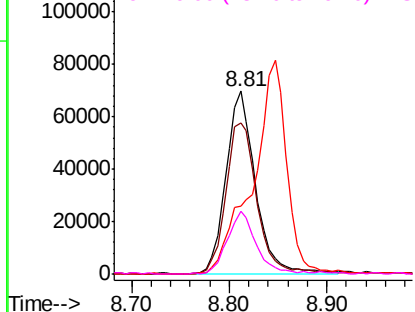


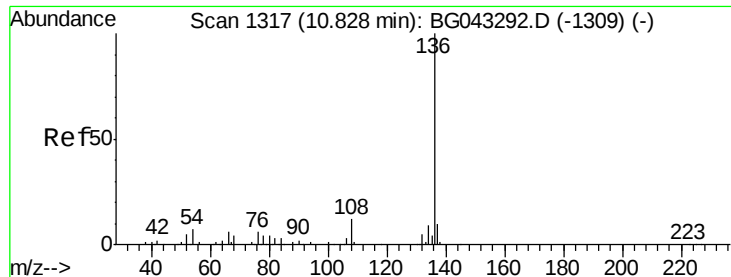
#20
3+4-Methylphenols
Concen: 46.189 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion:	107	Resp:	145642
Ion	Ratio	Lower	Upper
107	100		
108	82.7	80.3	120.3
77	36.9	18.2	58.2
79	34.0	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: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 167359

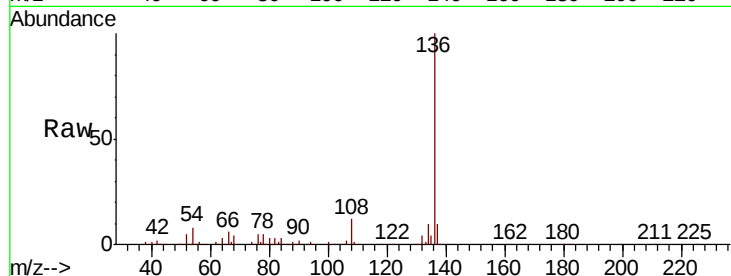
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.2

54 7.5 5.4 8.2

68 3.7 3.3 4.9

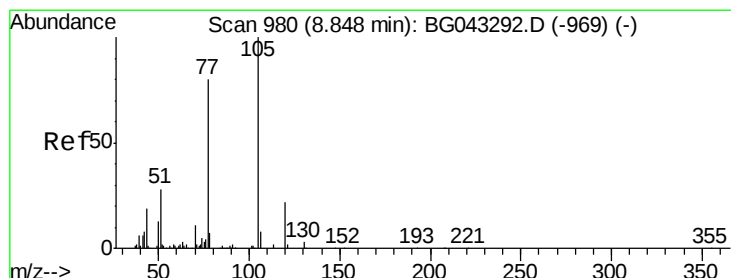
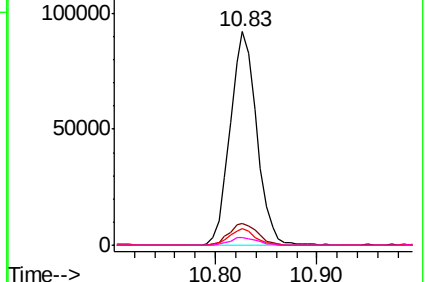
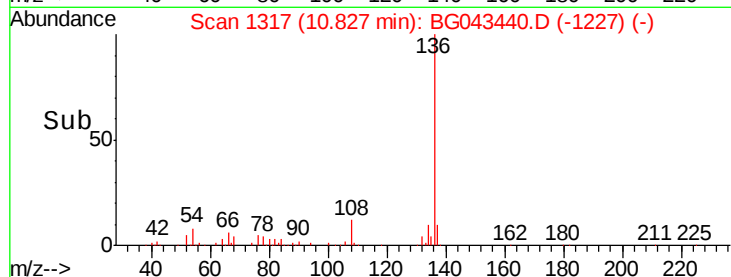


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.903 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:105 Resp: 183876

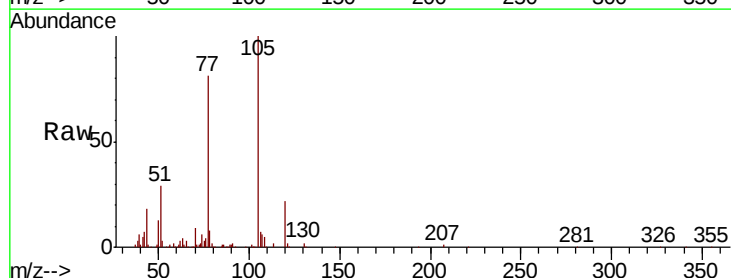
Ion Ratio Lower Upper

105 100

71 1.3 1.5 2.3#

51 28.6 23.9 35.9

120 22.0 17.3 25.9

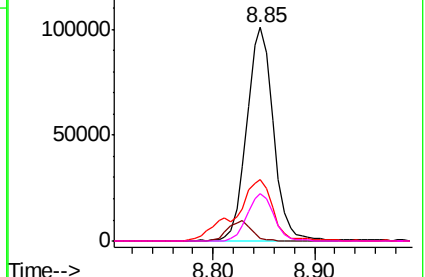
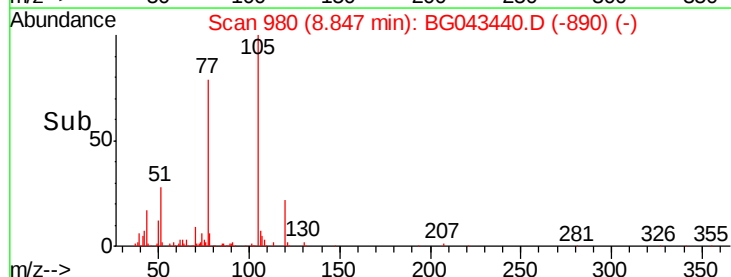


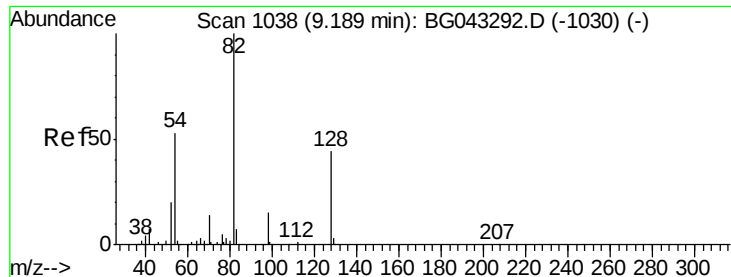
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

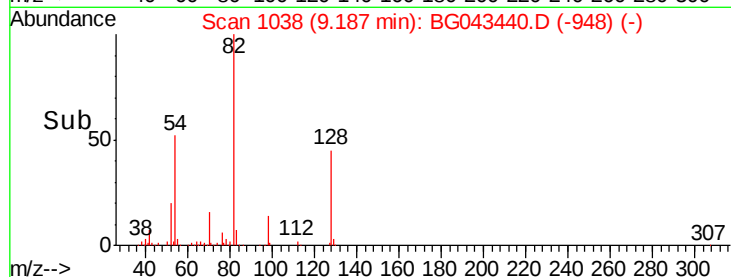
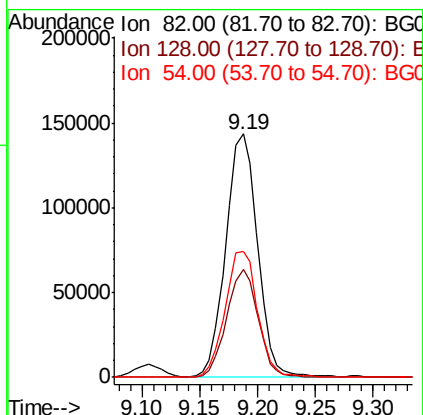
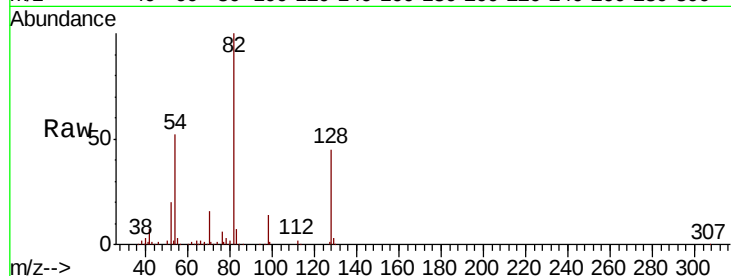




#23
 Nitrobenzene-d5
 Concen: 84.160 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

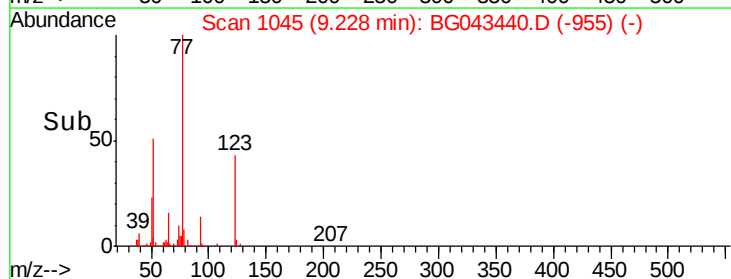
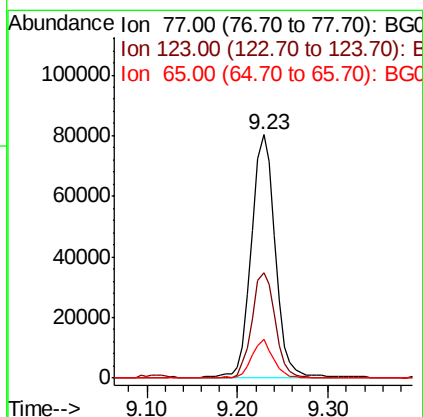
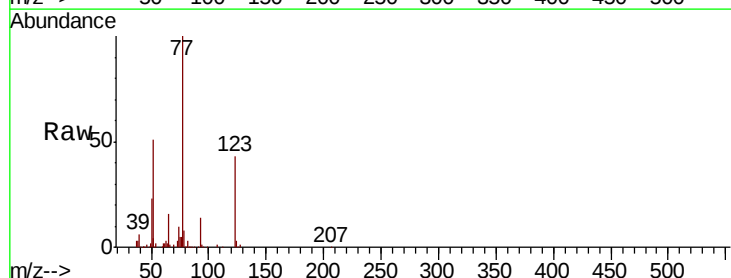
Instrument :
 BNA_G
 ClientSampleId :

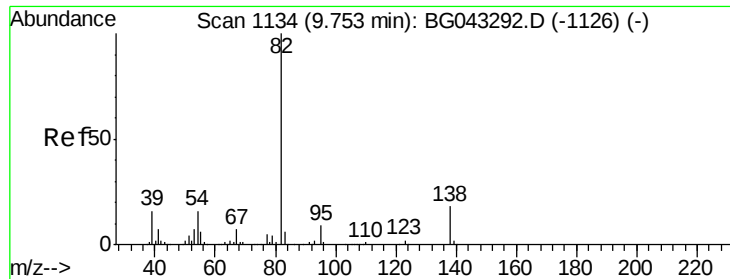
Tot Ion	82	Resp	273205
Ion Ratio	100	Lower	Upper
128	44.5	35.3	52.9
54	51.6	42.3	63.5



#24
 Nitrobenzene
 Concen: 47.548 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	77	Resp	147037
Ion Ratio	100	Lower	Upper
123	43.1	33.8	50.8
65	16.1	13.0	19.4





#25

Isophorone

Concen: 44.758 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

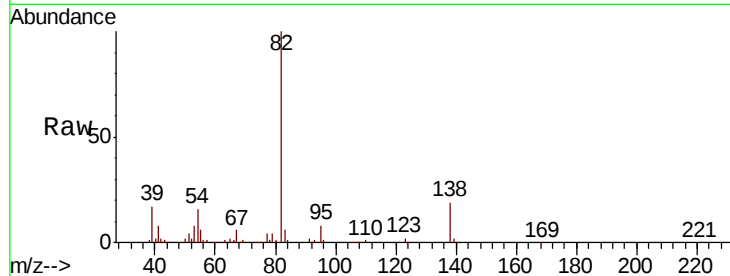
Tot Ion: 82 Resp: 265641

Ion Ratio Lower Upper

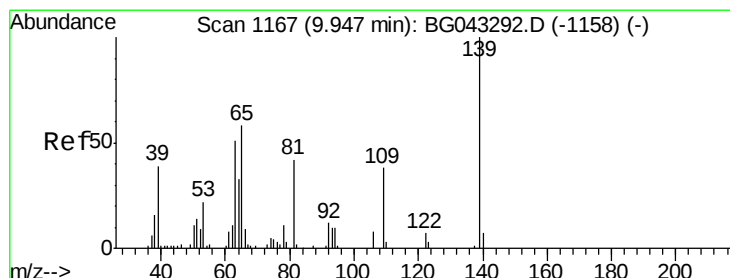
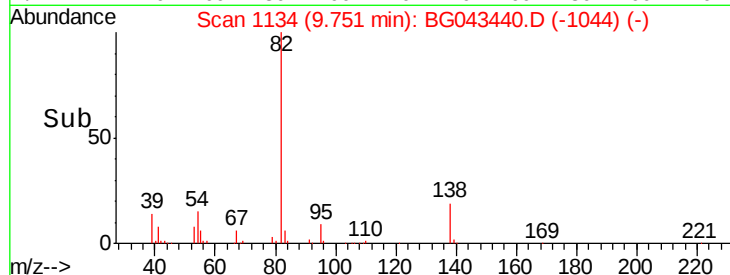
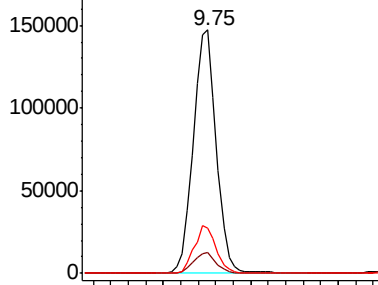
82 100

95 8.3 6.9 10.3

138 18.7 14.2 21.2



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



#26

2-Nitrophenol

Concen: 48.749 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

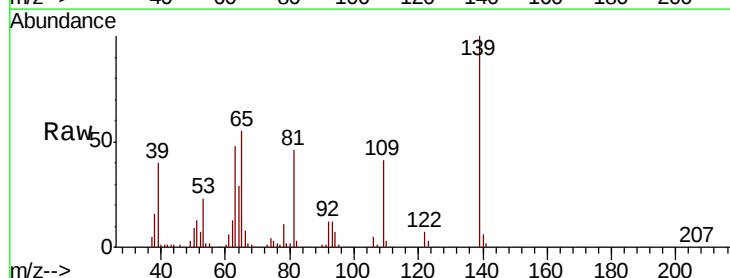
Tgt Ion: 139 Resp: 72781

Ion Ratio Lower Upper

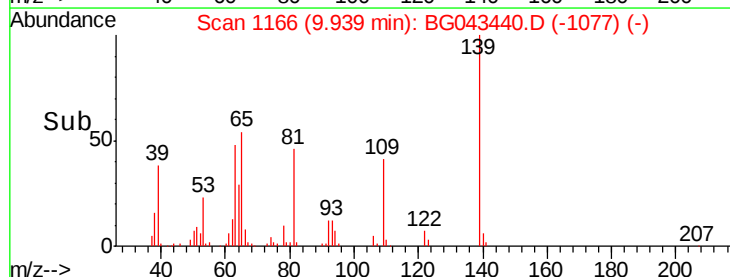
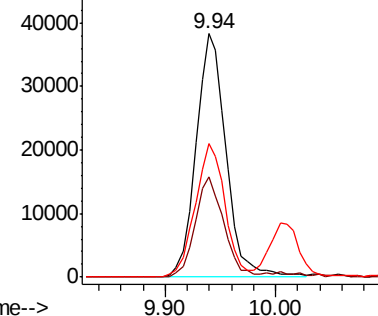
139 100

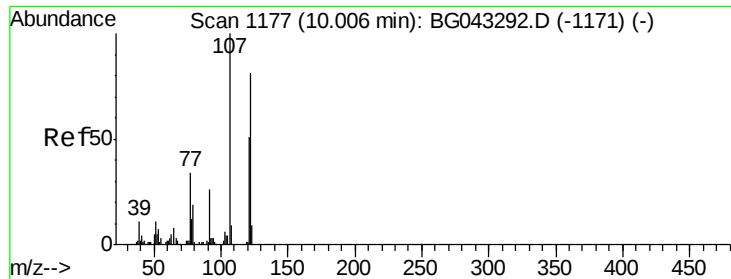
109 40.9 30.1 45.1

65 54.9 46.1 69.1



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

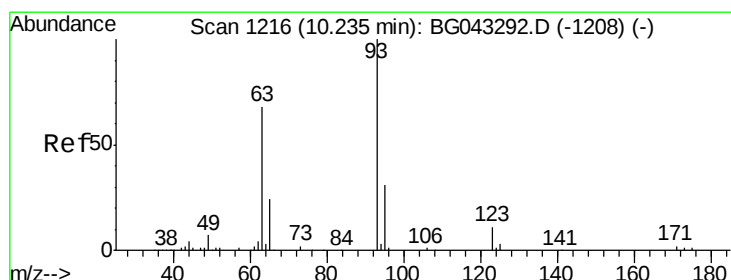
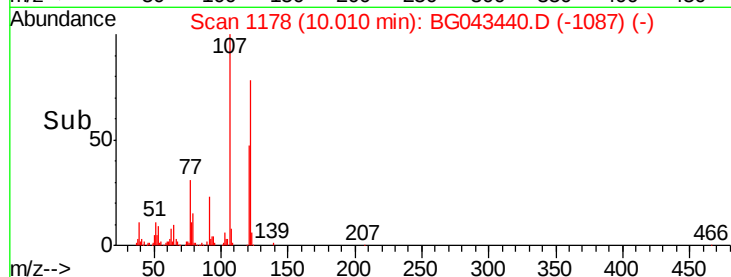
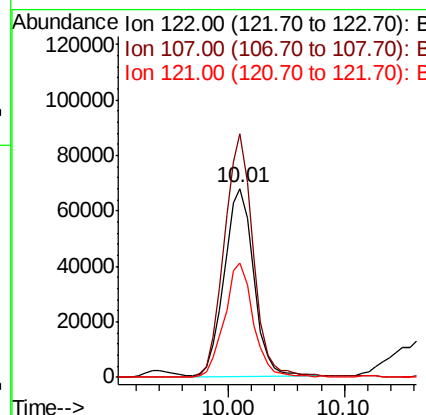
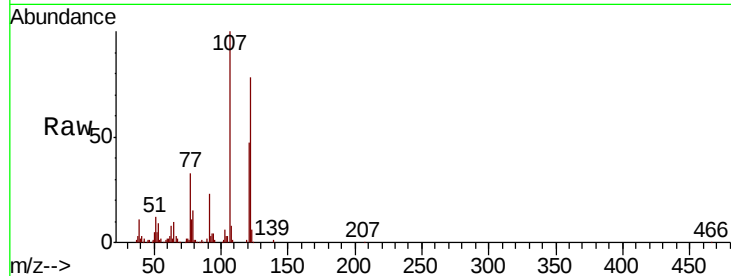




#27
 2,4-Dimethylphenol
 Concen: 55.901 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

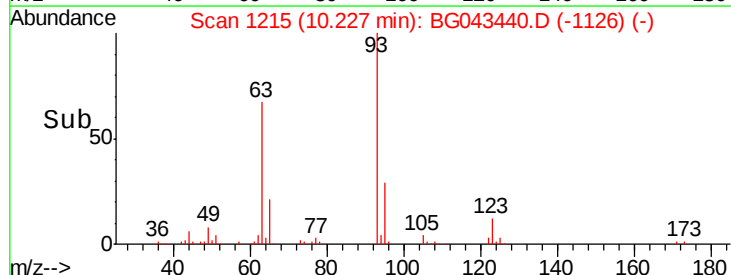
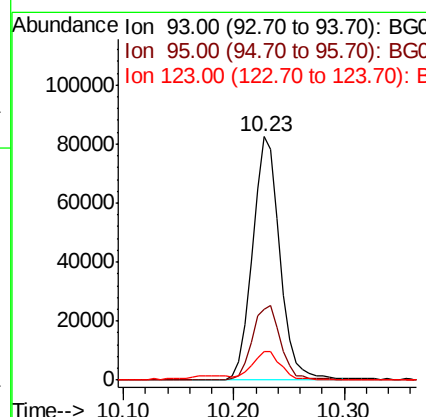
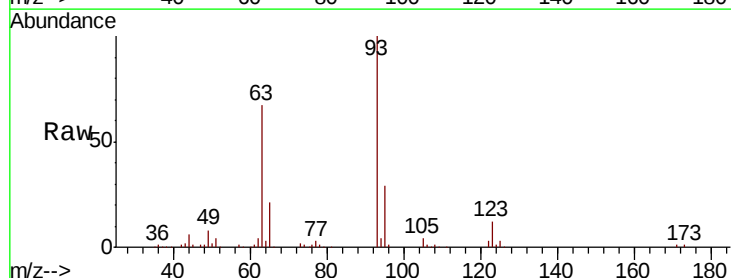
Instrument :
 BNA_G
 ClientSampled :

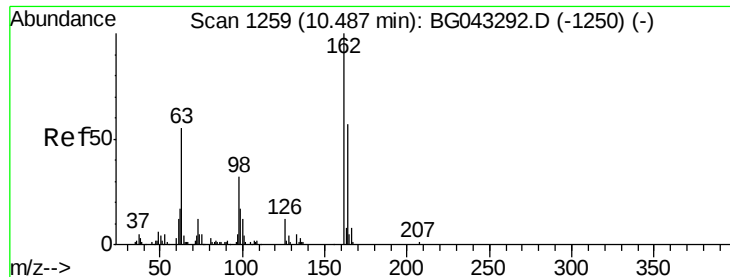
Tot Ion:122 Resp: 119618
 Ion Ratio Lower Upper
 122 100
 107 129.0 98.6 147.8
 121 60.8 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.748 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion: 93 Resp: 143302
 Ion Ratio Lower Upper
 93 100
 95 29.0 24.9 37.3
 123 11.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 49.161 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

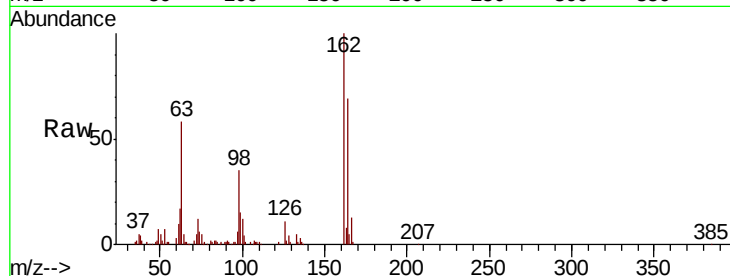
Tot Ion:162 Resp: 134784

Ion Ratio Lower Upper

162 100

164 69.2 37.3 77.3

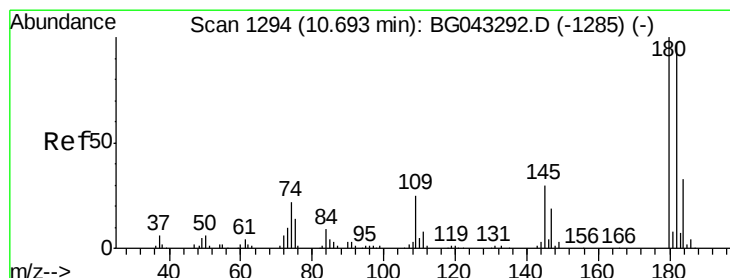
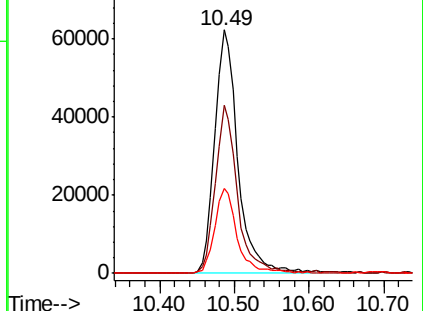
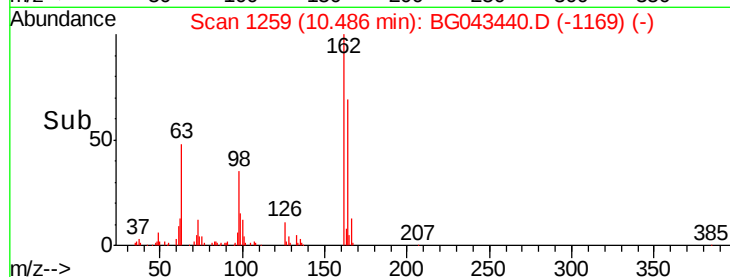
98 34.9 11.8 51.8



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: 44.449 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

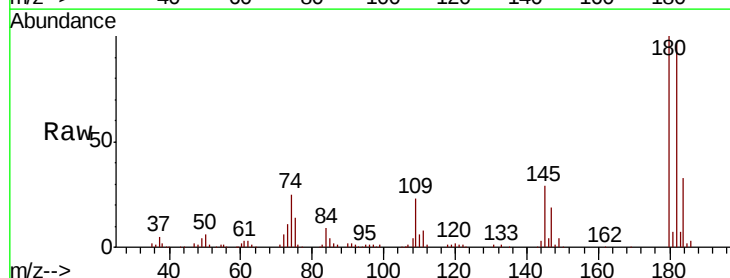
Tgt Ion:180 Resp: 153597

Ion Ratio Lower Upper

180 100

182 96.5 77.8 116.8

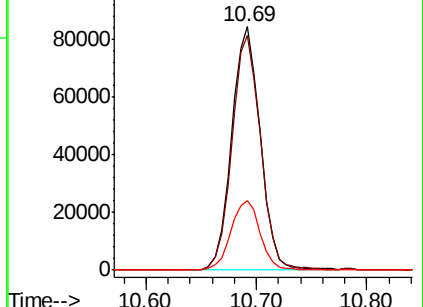
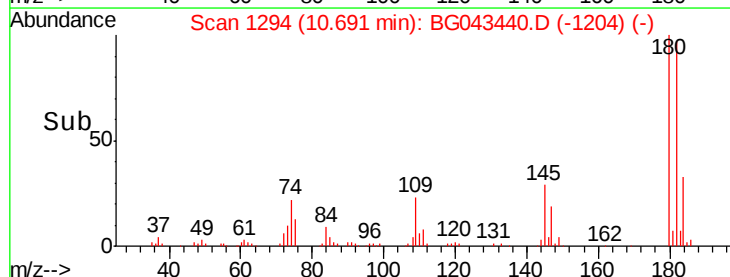
145 28.7 23.6 35.4



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

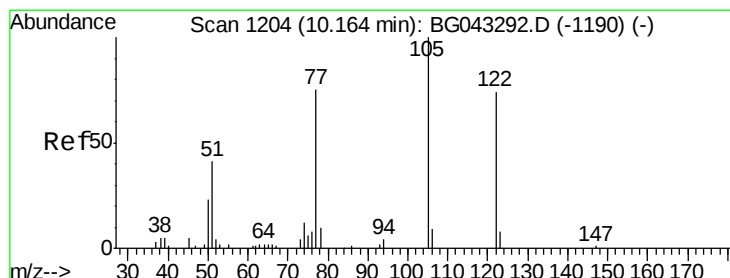
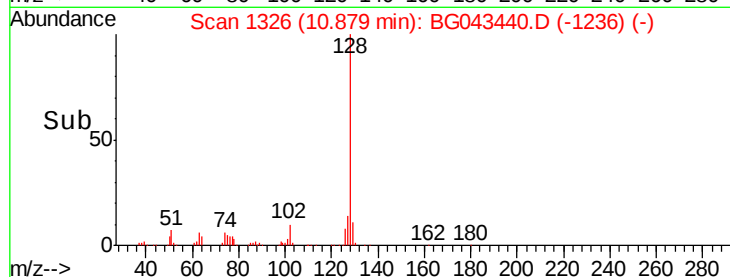
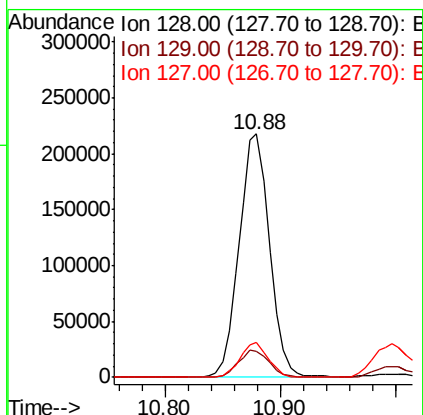
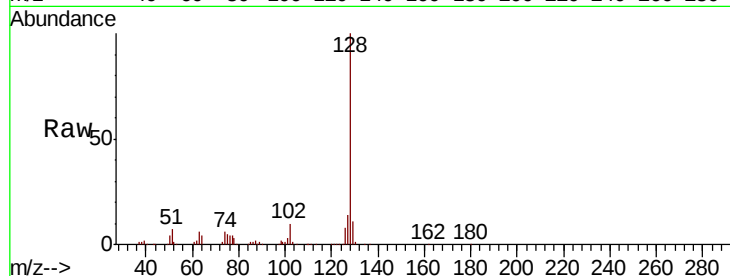




#31
Naphthalene
Concen: 46.692 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

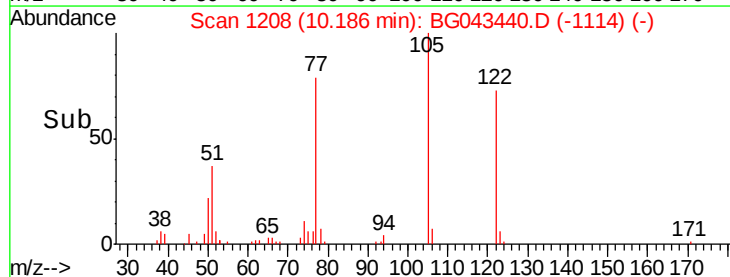
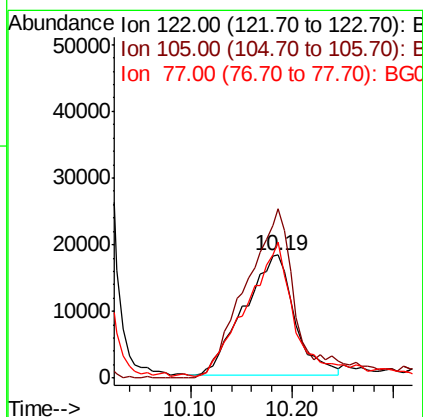
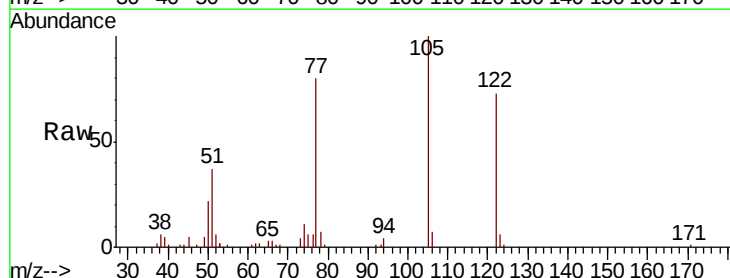
Instrument :
BNA_G
ClientSampleId :

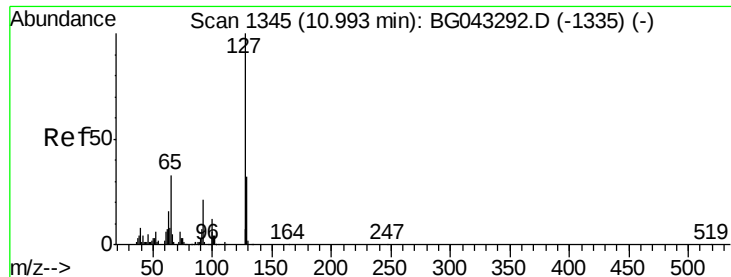
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	14.1	11.5	17.3



#32
Benzoic acid
Concen: 39.871 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.5	112.4	152.4
77	110.1	82.7	122.7

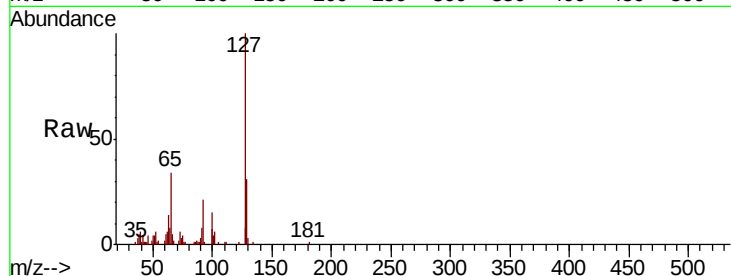




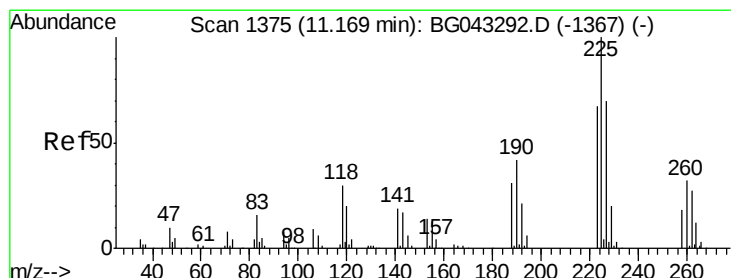
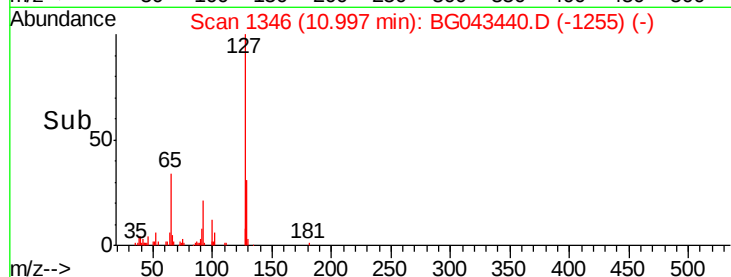
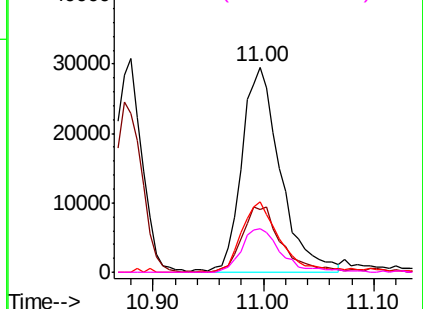
#33
4-Chloroaniline
Concen: 20.842 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	72575
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.8
65	34.2	26.2	39.2
92	21.4	17.0	25.4

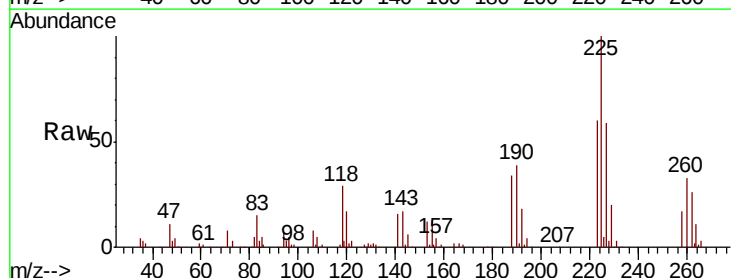


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

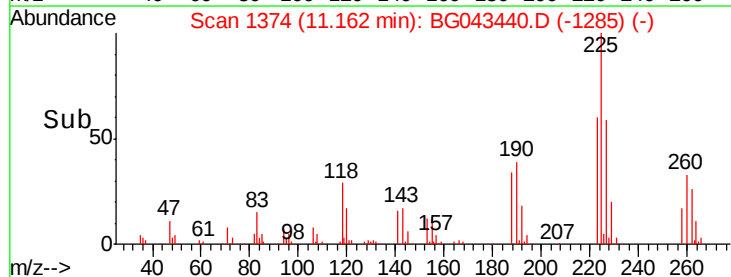
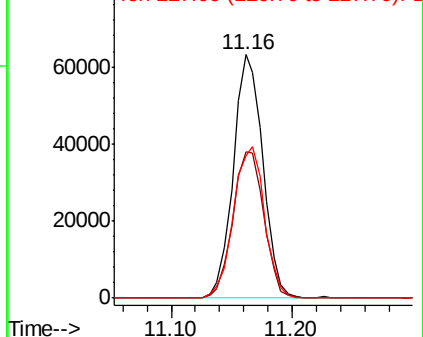


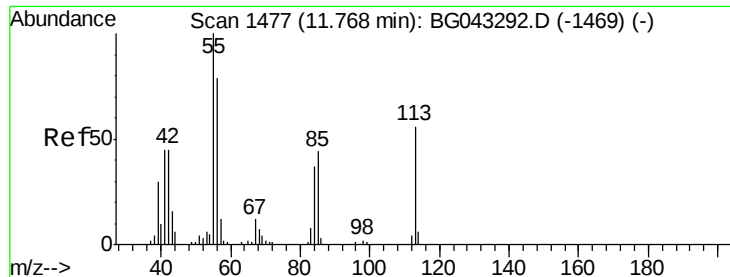
#34
Hexachlorobutadiene
Concen: 42.122 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion:	225	Resp:	107598
Ion	Ratio	Lower	Upper
225	100		
223	60.3	53.2	79.8
227	58.5	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

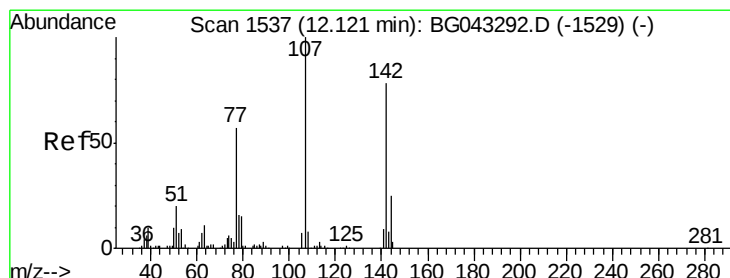
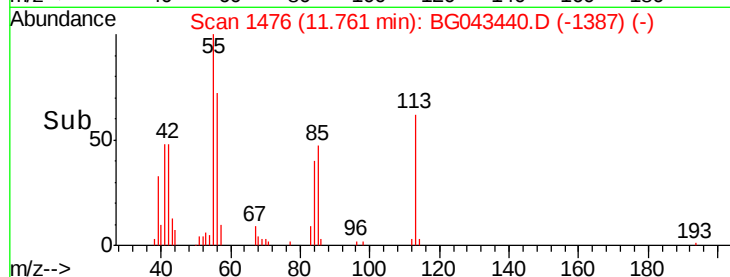
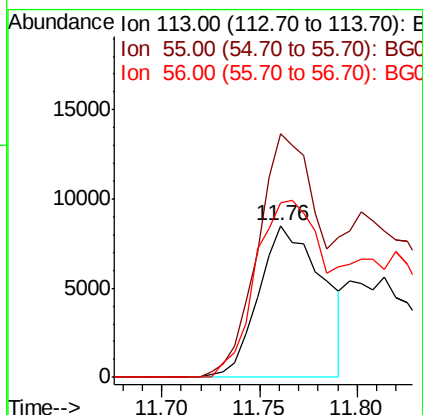
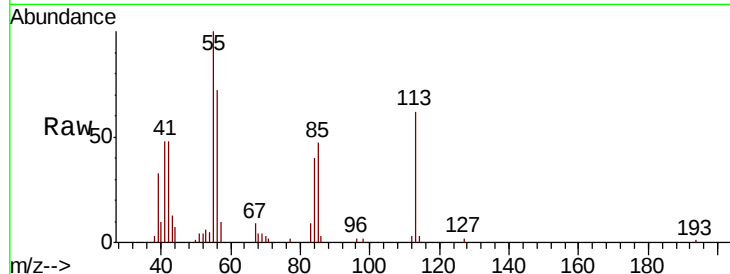




#35
 Caprolactam
 Concen: 20.464 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

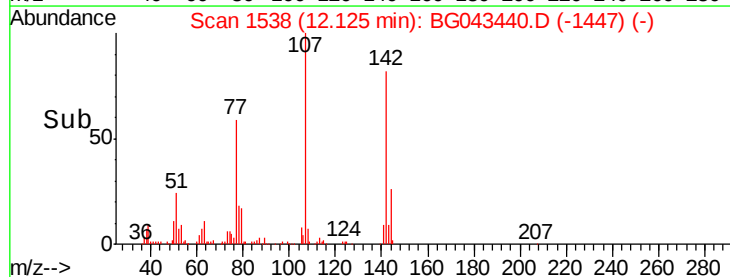
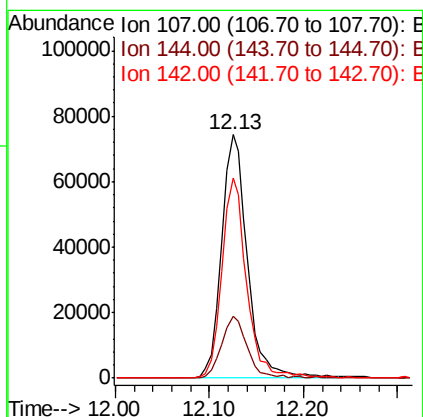
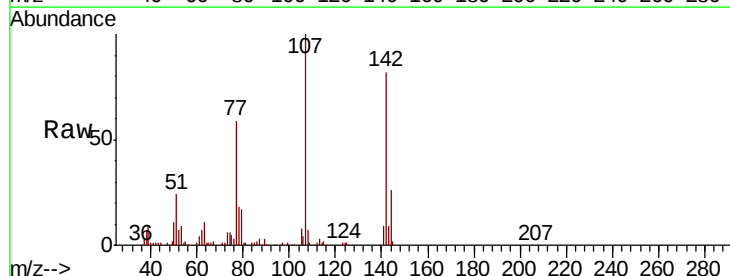
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 19323
 Ion Ratio Lower Upper
 113 100
 55 160.8 158.9 198.9
 56 115.1 121.4 161.4#



#36
 4-Chloro-3-methylphenol
 Concen: 47.497 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion:107 Resp: 142045
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.9 29.9
 142 82.1 62.1 93.1

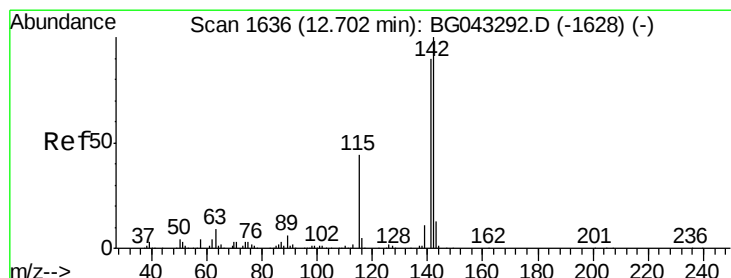
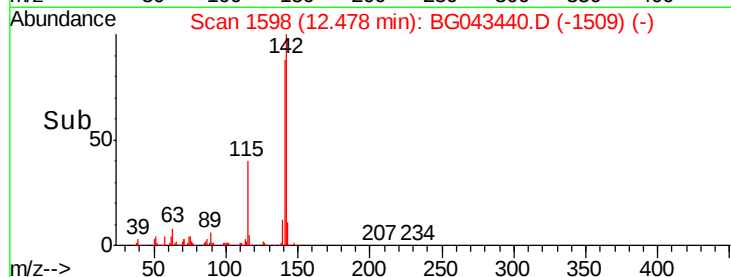
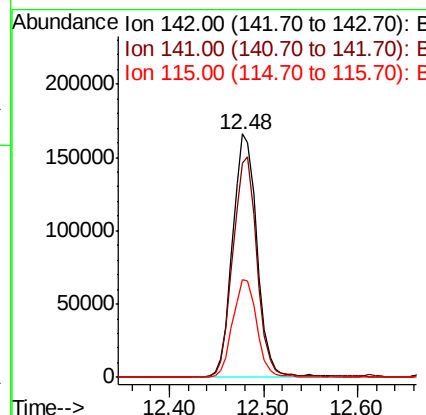
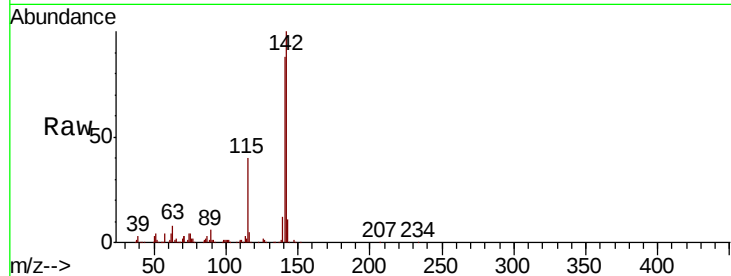




#37
2-Methylnaphthalene
Concen: 46.089 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

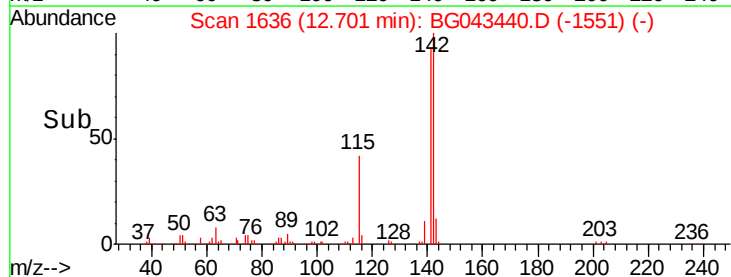
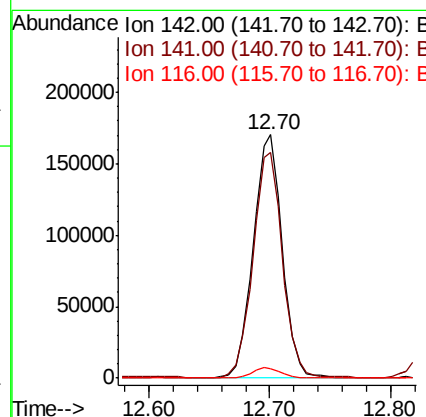
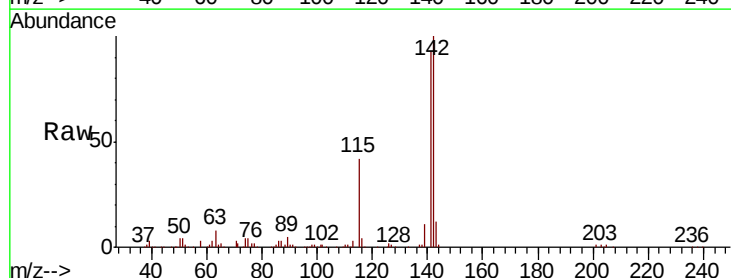
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.7	104.5
115	39.9	30.6	46.0



#38
1-Methylnaphthalene
Concen: 45.566 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.3	108.5
116	4.0	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: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

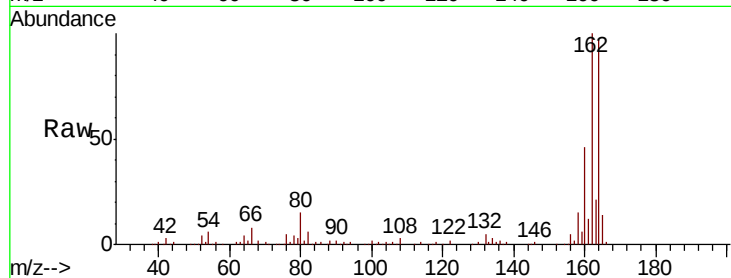
Tot Ion:164 Resp: 118757

Ion Ratio Lower Upper

164 100

162 102.8 87.0 130.4

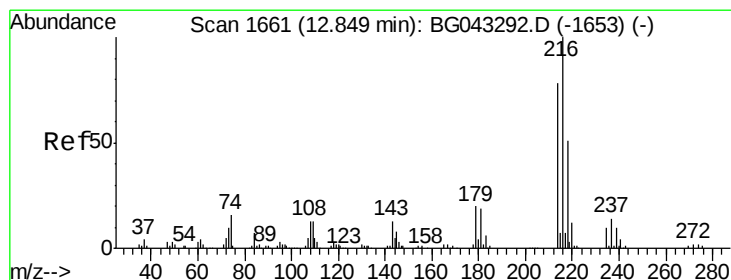
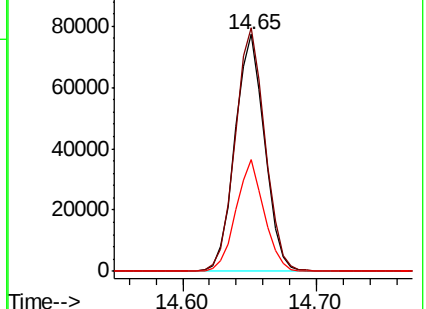
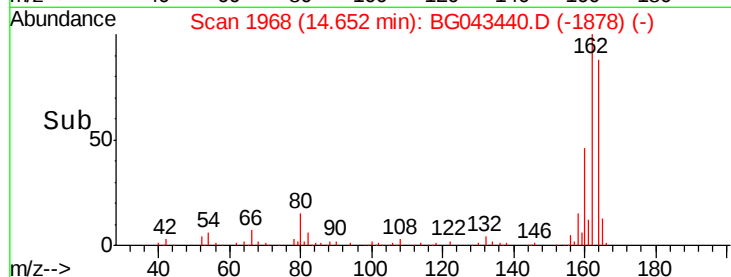
160 47.0 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.560 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:216 Resp: 195844

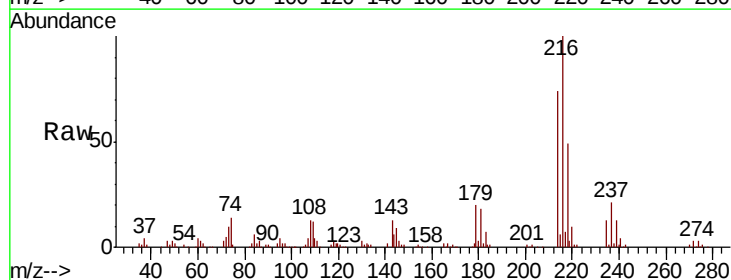
Ion Ratio Lower Upper

216 100

214 76.7 63.5 95.3

179 19.8 16.2 24.2

108 15.9 11.2 16.8

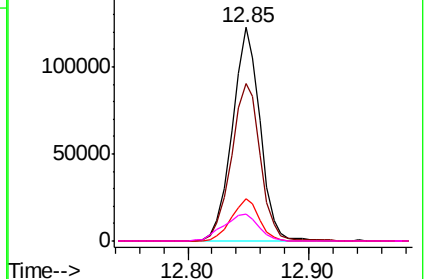
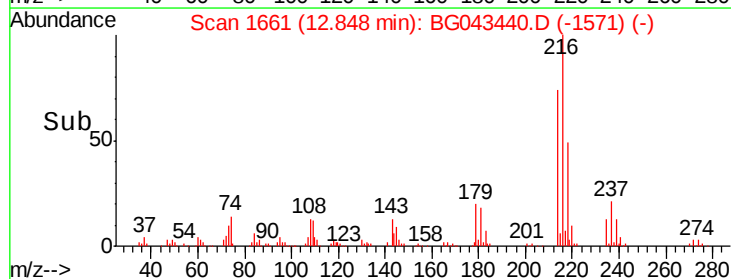


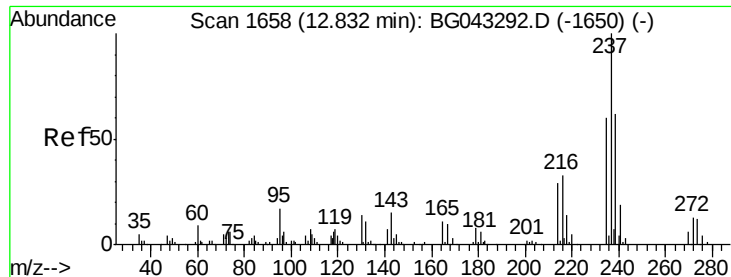
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.504 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

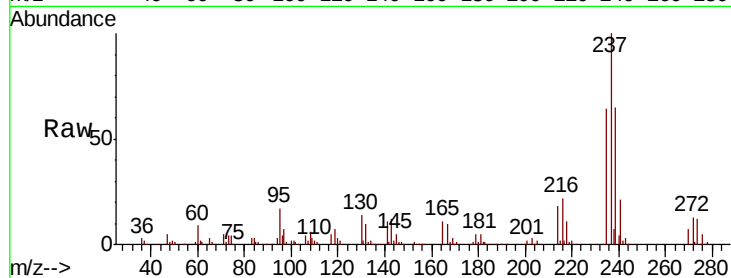
Tot Ion:237 Resp: 227418

Ion Ratio Lower Upper

237 100

235 63.8 40.3 80.3

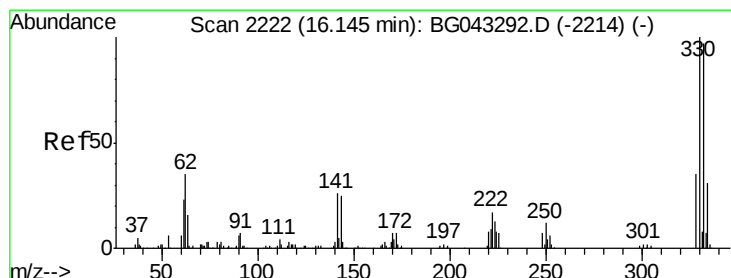
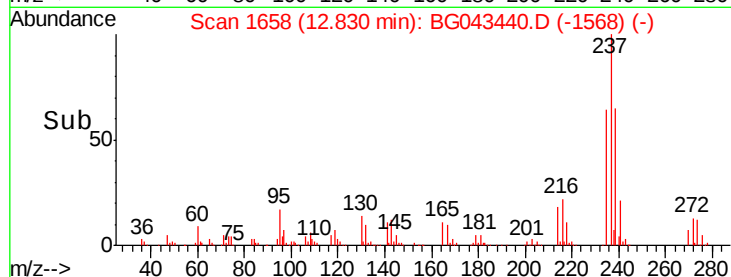
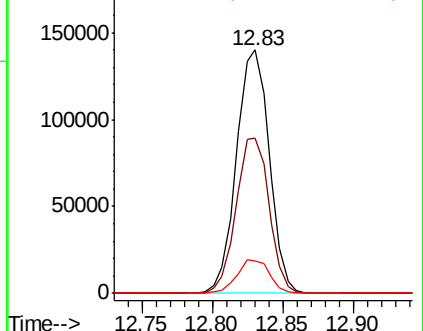
272 13.1 0.0 32.9



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: 116.887 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

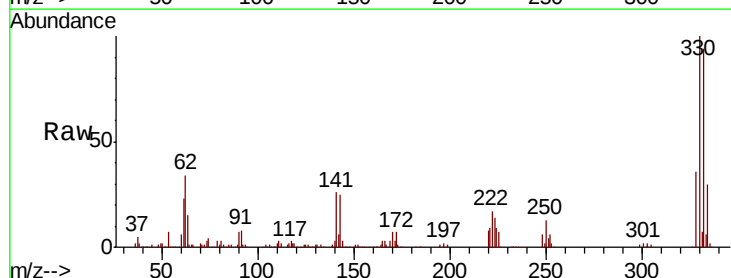
Tgt Ion:330 Resp: 264159

Ion Ratio Lower Upper

330 100

332 96.2 76.4 114.6

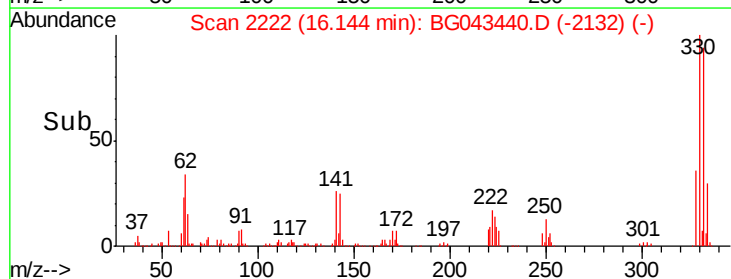
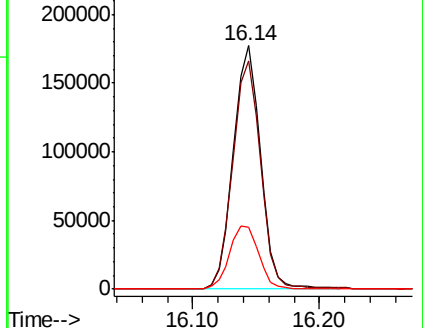
141 28.0 21.4 32.0

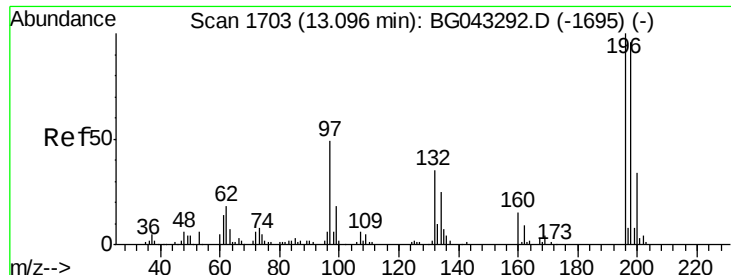


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

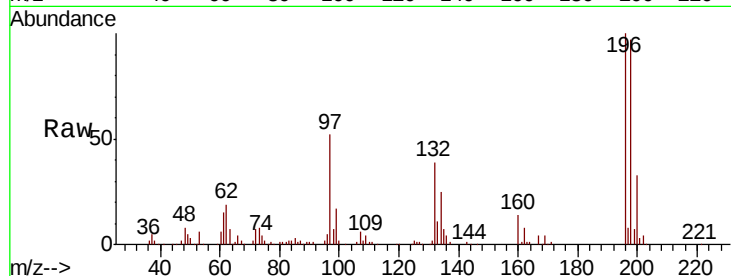




#43
 2,4,6-Trichlorophenol
 Concen: 48.626 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.0	115.4
200	32.7	27.4	41.2

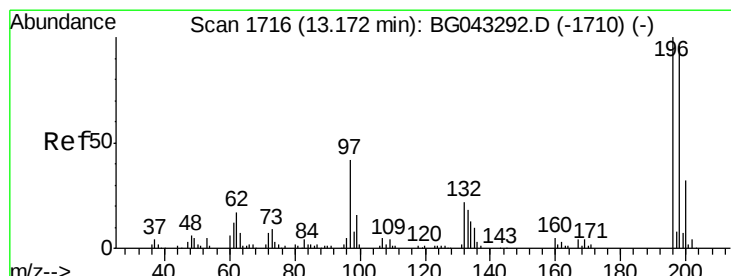
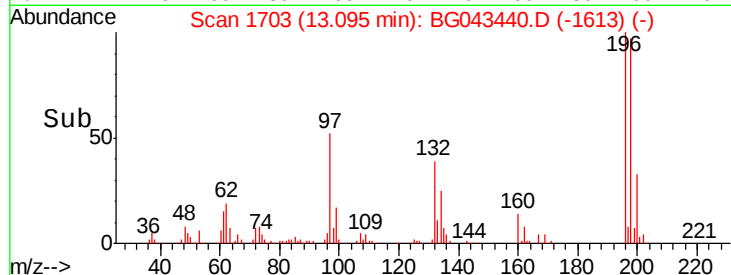
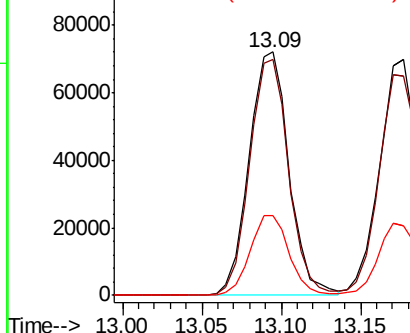


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 52.148 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	76.6	114.8
97	40.1	34.1	51.1
132	23.4	18.2	27.4

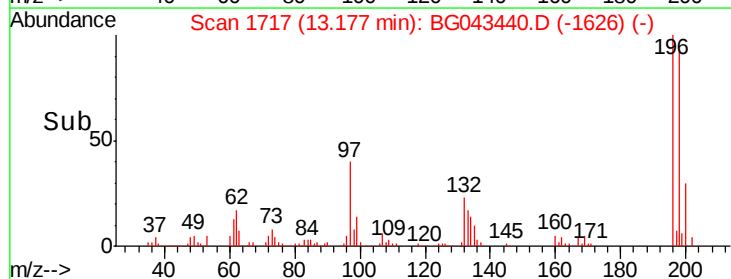
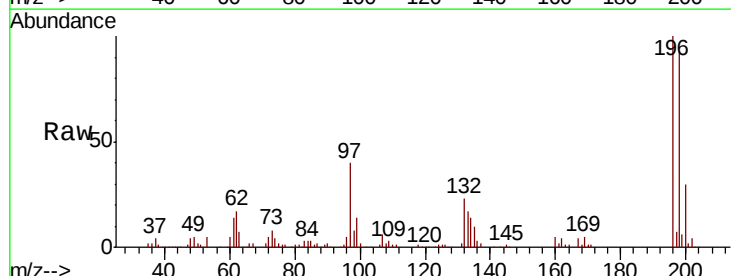
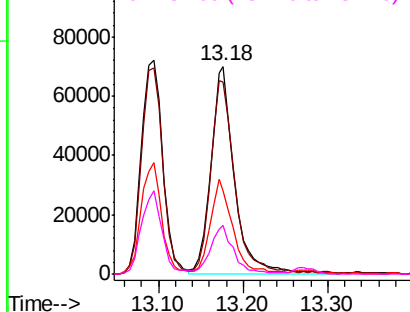
Abundance

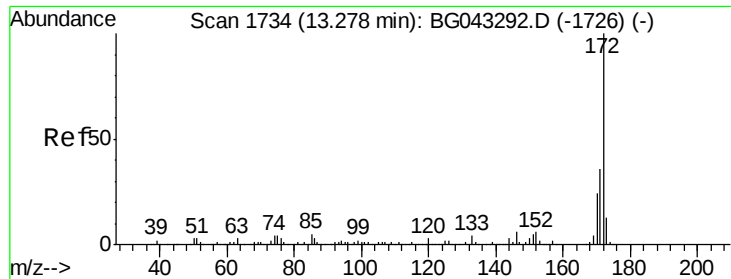
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

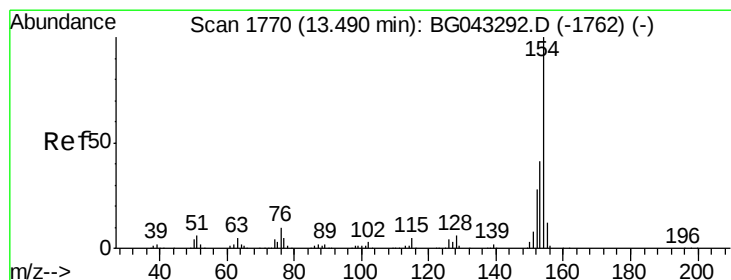
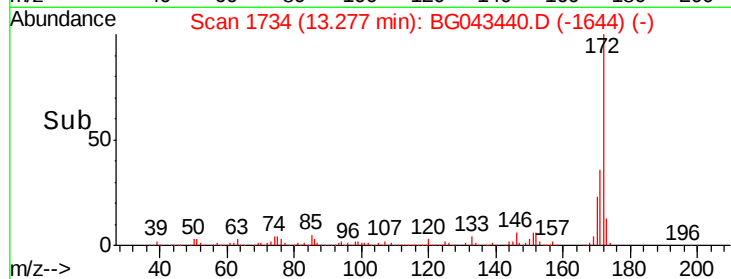
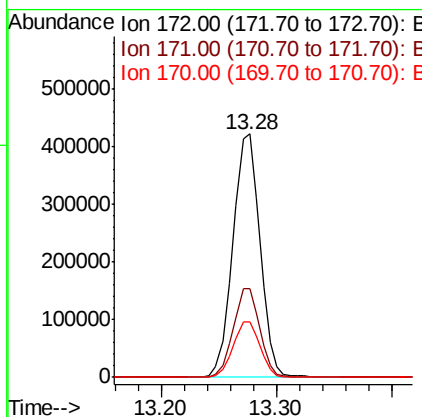
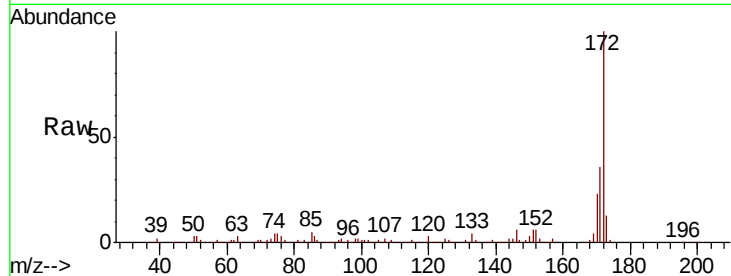




#45
2-Fluorobiphenyl
Concen: 79.895 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

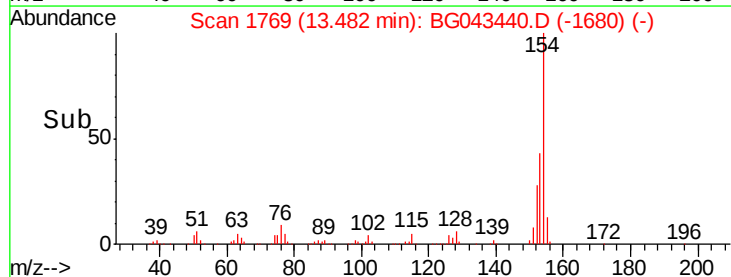
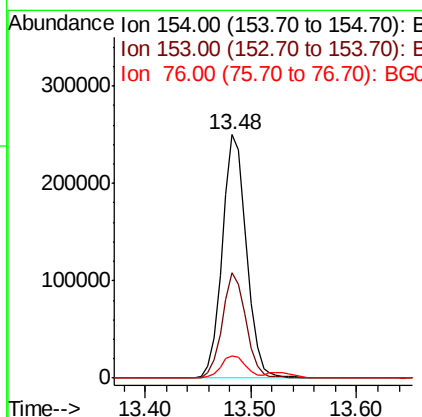
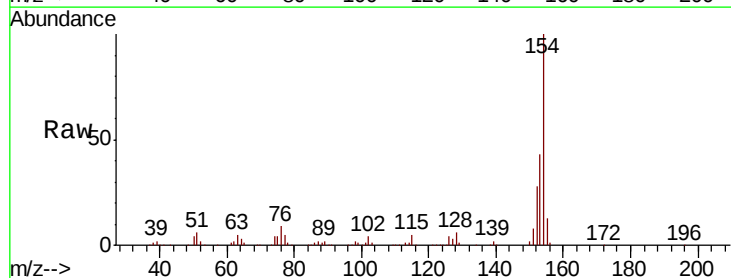
Instrument :
BNA_G
ClientSampleId :

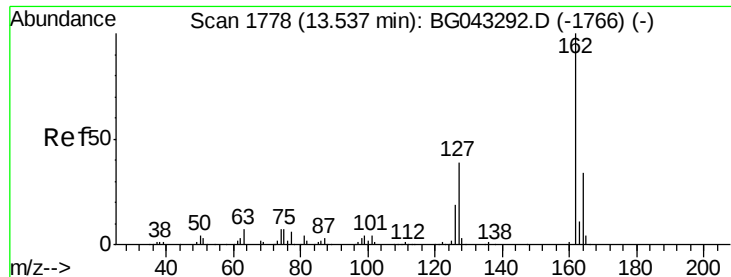
Tot Ion:172 Resp: 686644
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 22.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.866 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion:154 Resp: 396304
Ion Ratio Lower Upper
154 100
153 43.1 21.0 61.0
76 9.0 0.0 29.8

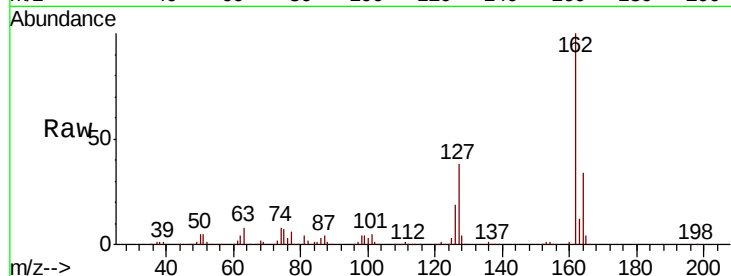




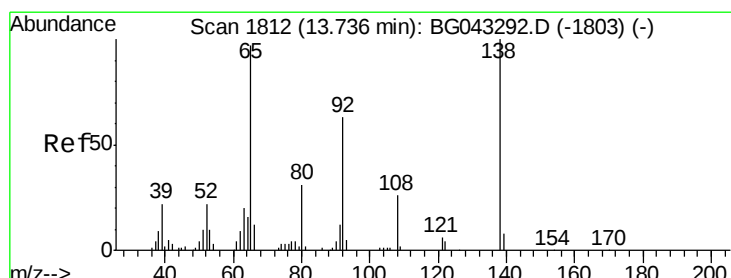
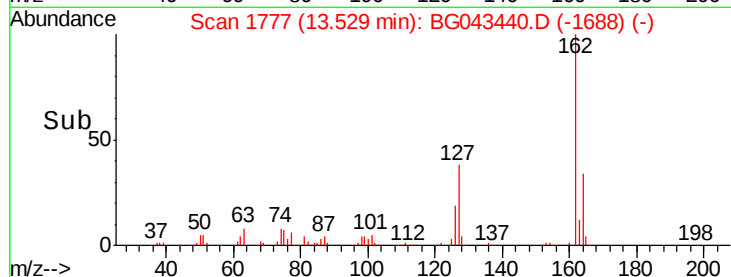
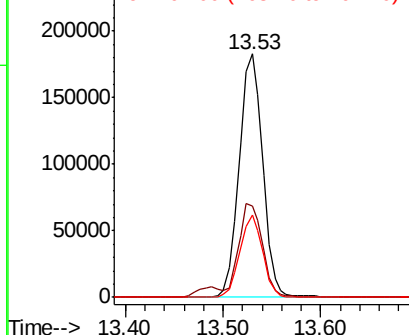
#47
2-Chloronaphthalene
Concen: 44.588 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.3	46.9
164	33.7	26.8	40.2

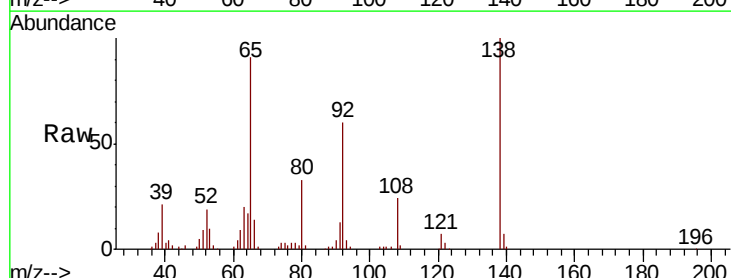


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

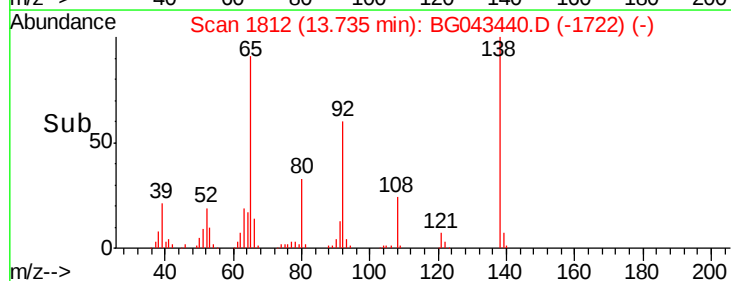
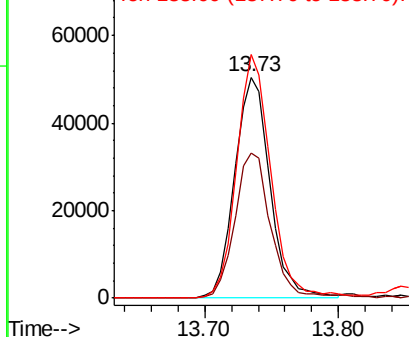


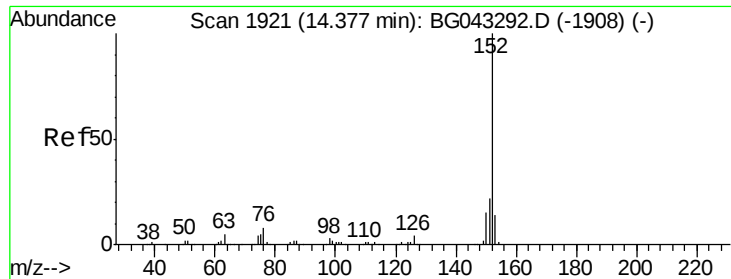
#48
2-Nitroaniline
Concen: 45.010 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	52.6	79.0
138	110.2	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): E





#49

Acenaphthylene

Concen: 47.205 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

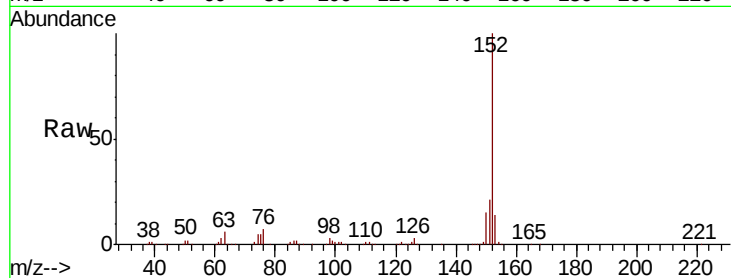
Tot Ion:152 Resp: 505014

Ion Ratio Lower Upper

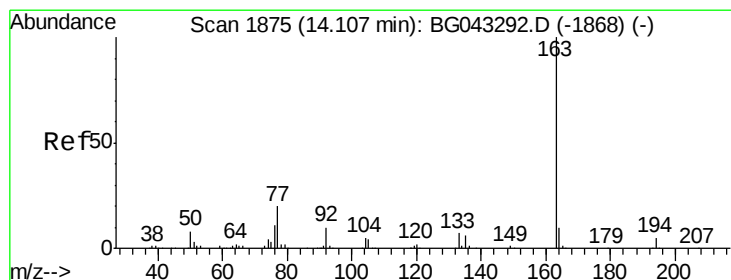
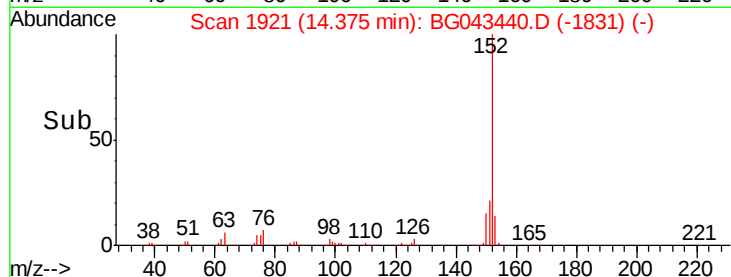
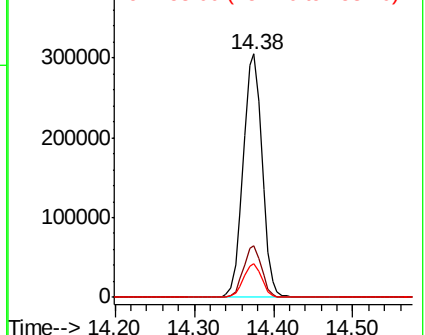
152 100

151 21.2 17.2 25.8

153 13.9 11.0 16.6



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



#50

Dimethylphthalate

Concen: 55.220 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

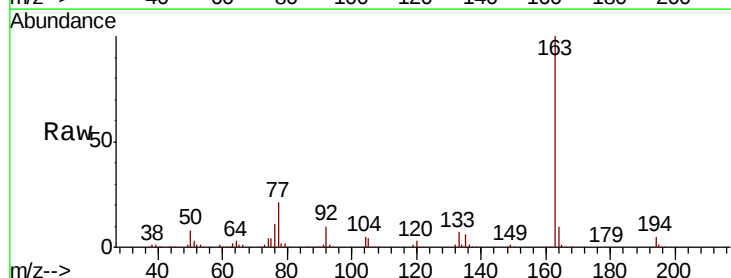
Tgt Ion:163 Resp: 507946

Ion Ratio Lower Upper

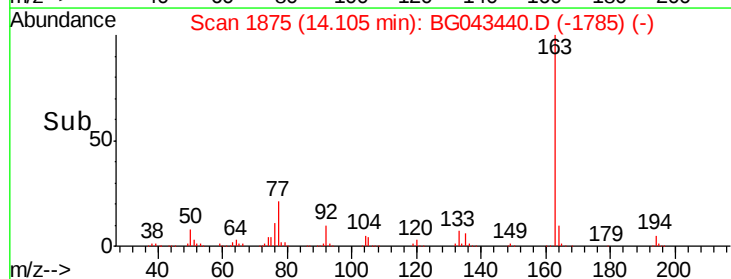
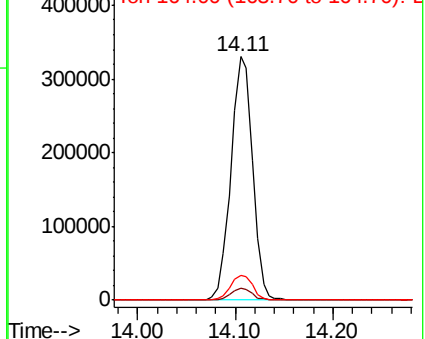
163 100

194 4.8 3.7 5.5

164 10.3 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: 46.802 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

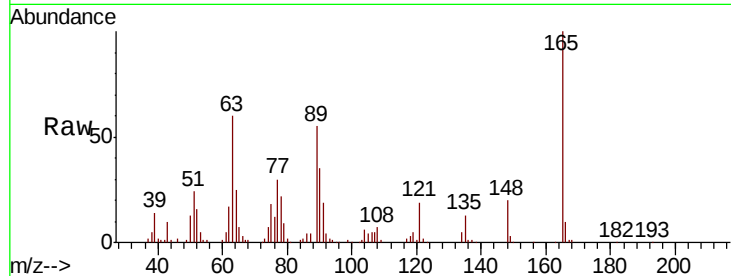
Tot Ion:165 Resp: 93527

Ion Ratio Lower Upper

165 100

63 59.8 47.1 70.7

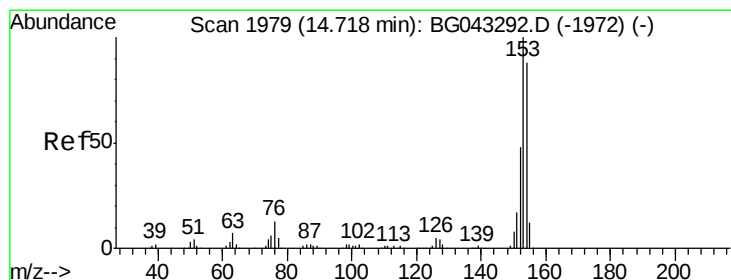
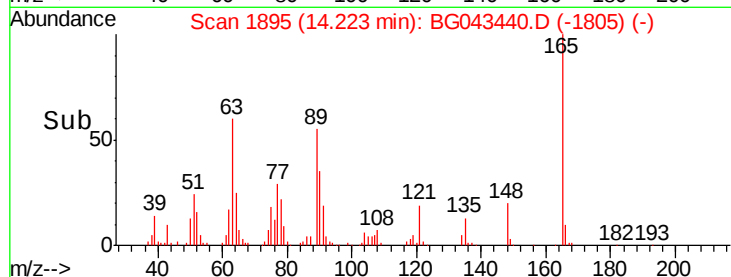
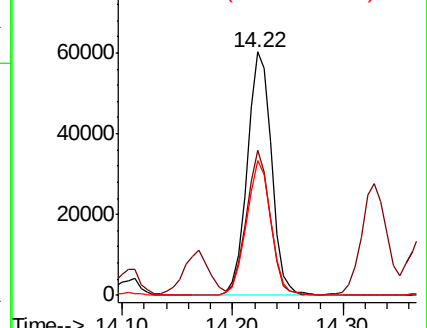
89 55.2 43.7 65.5



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: 45.680 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

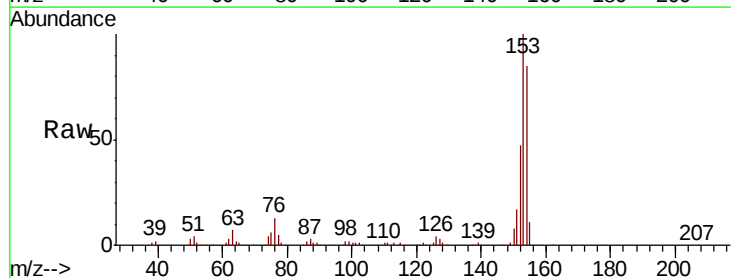
Tgt Ion:154 Resp: 298027

Ion Ratio Lower Upper

154 100

153 117.2 90.9 136.3

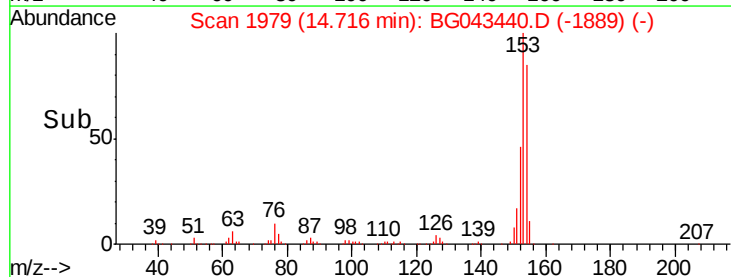
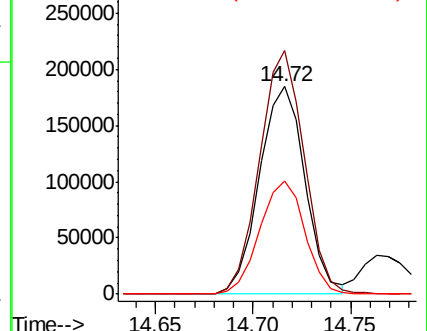
152 54.7 43.9 65.9

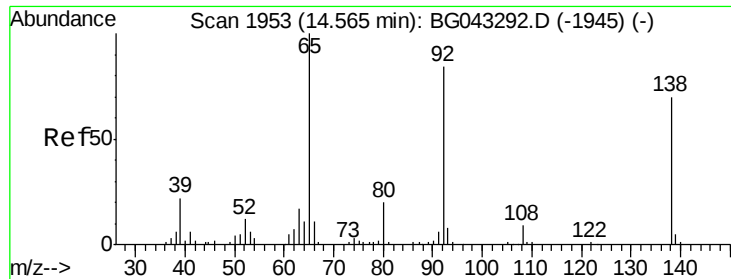


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.248 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

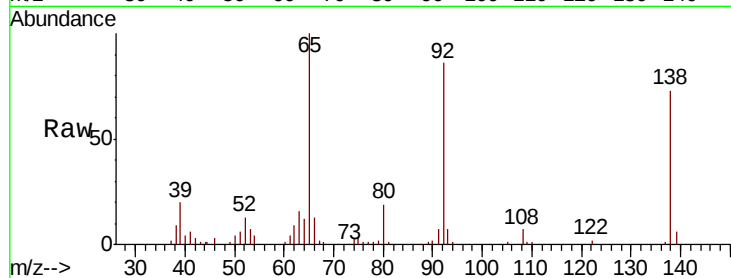
Tot Ion:138 Resp: 52571

Ion Ratio Lower Upper

138 100

108 9.6 9.8 14.6#

92 117.7 95.8 143.6

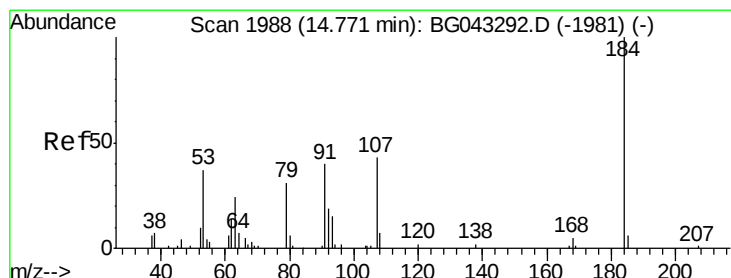
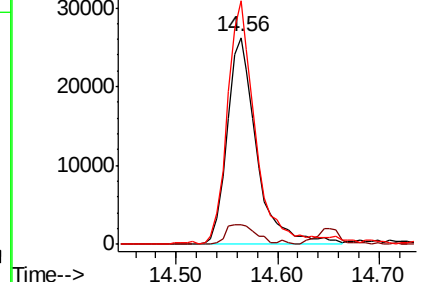
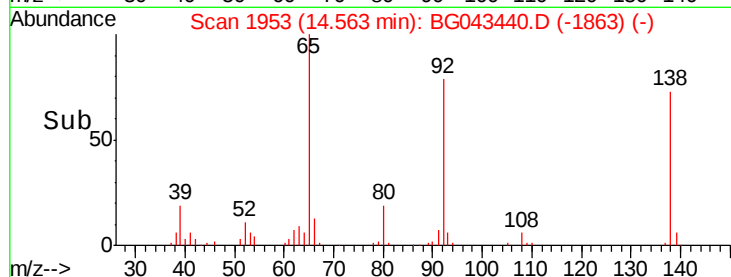


Abundance

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): B



#54

2,4-Dinitrophenol

Concen: 80.360 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

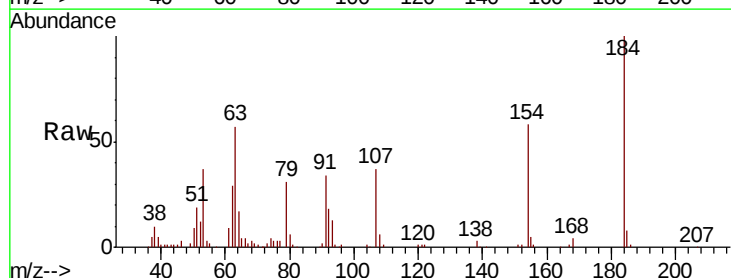
Tgt Ion:184 Resp: 100325

Ion Ratio Lower Upper

184 100

63 57.0 48.8 73.2

154 57.9 49.4 74.0

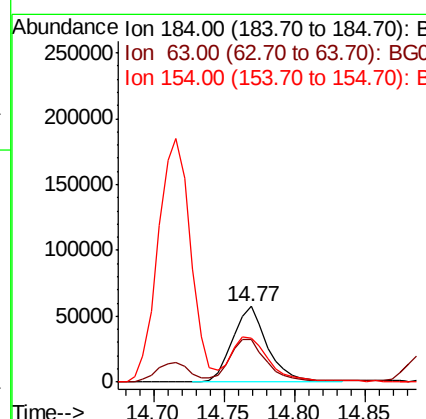
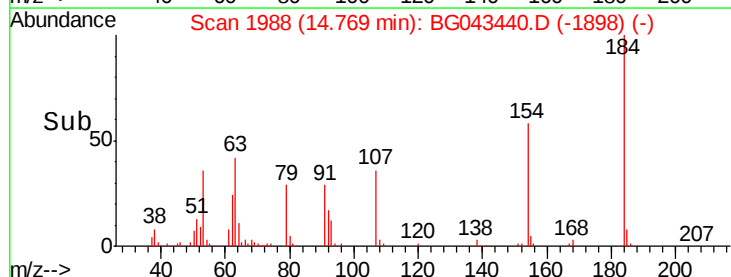


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 46.031 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

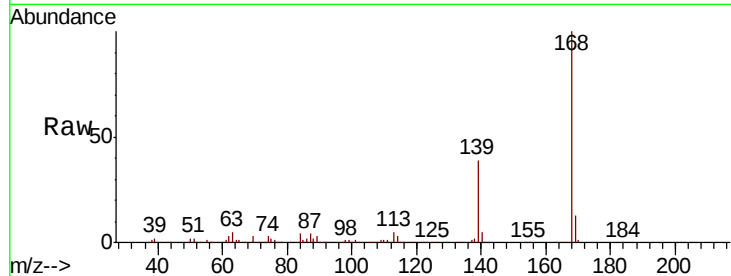
Tot Ion:168 Resp: 487014

Ion Ratio Lower Upper

168 100

139 38.7 31.7 47.5

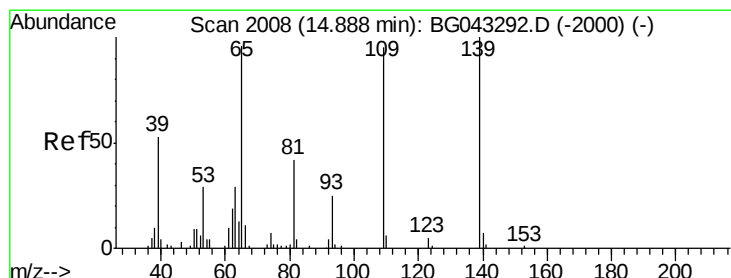
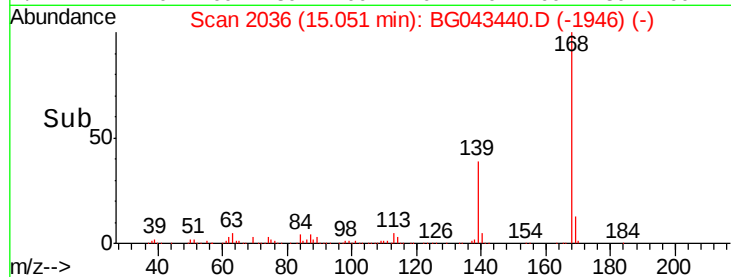
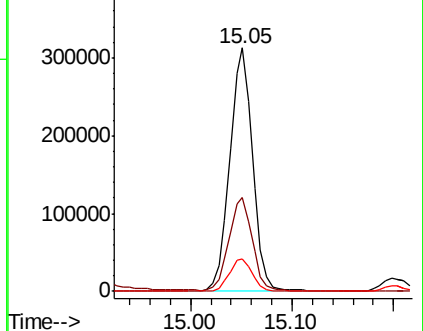
169 13.4 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 103.636 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

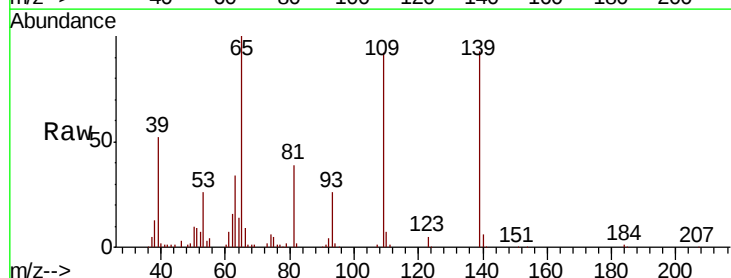
Tgt Ion:139 Resp: 133995

Ion Ratio Lower Upper

139 100

109 98.8 75.4 115.4

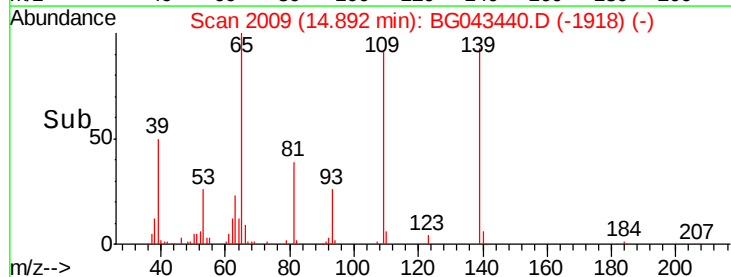
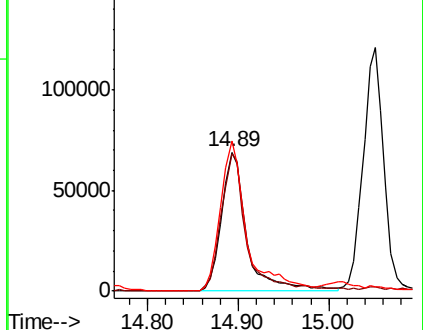
65 107.8 76.6 116.6

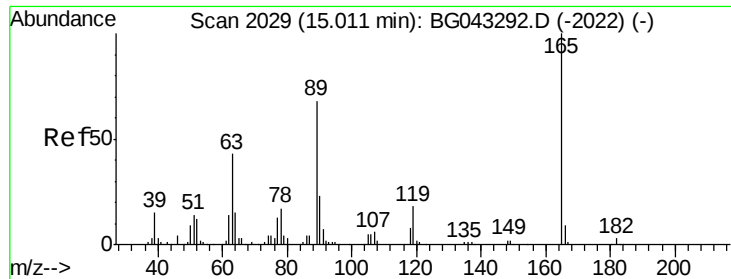


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

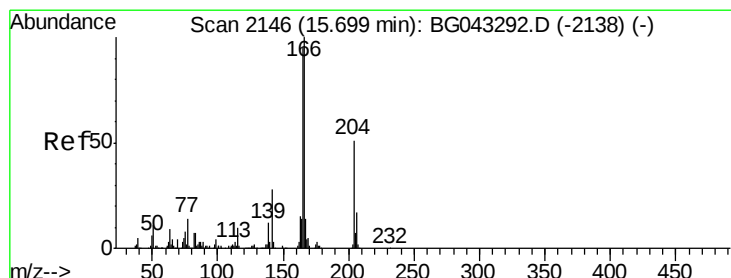
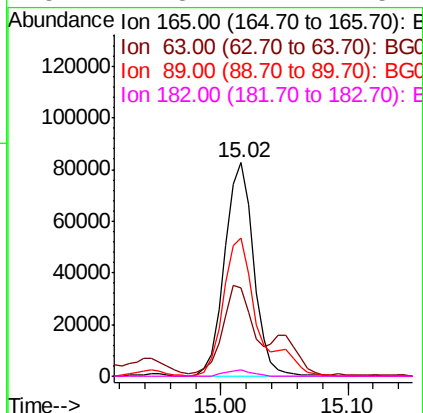
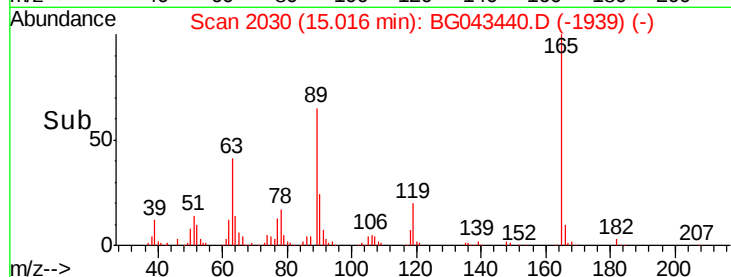
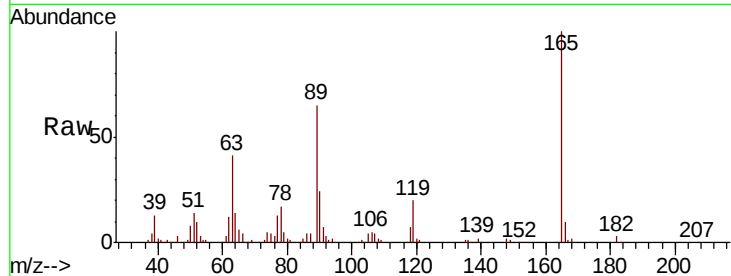




#57
 2,4-Dinitrotoluene
 Concen: 45.679 ng
 RT: 15.02 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

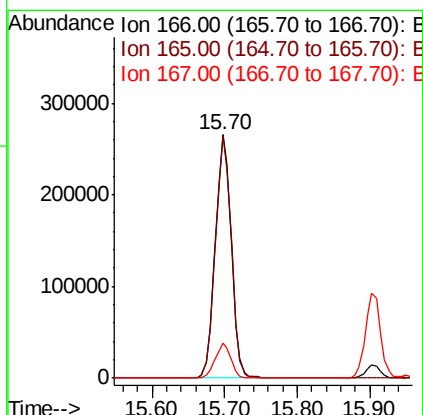
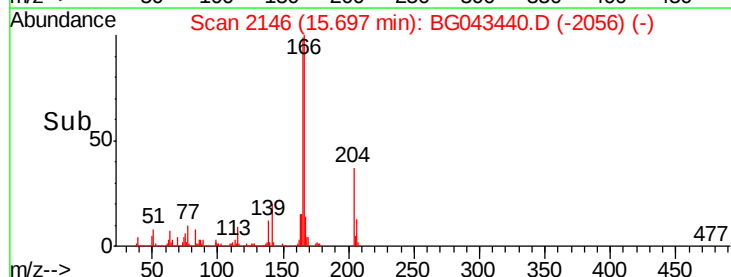
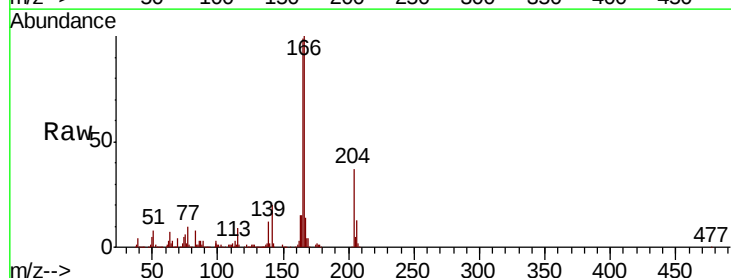
Instrument :
 BNA_G
 ClientSampleId :

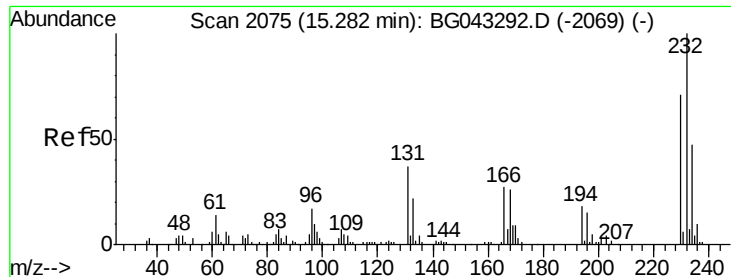
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.2	35.0	52.6
89	64.7	54.1	81.1
182	2.8	2.2	3.2



#58
 Fluorene
 Concen: 45.925 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.4	114.6
167	14.2	11.1	16.7

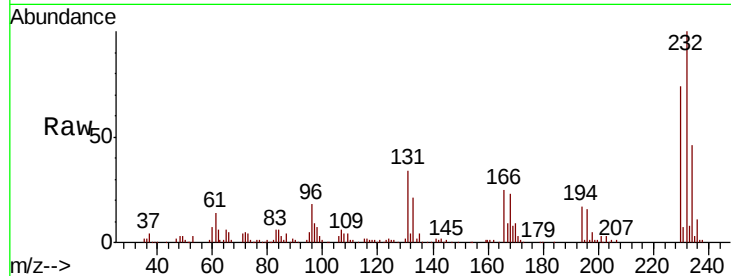




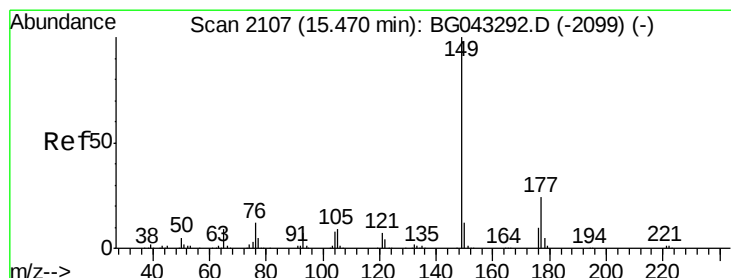
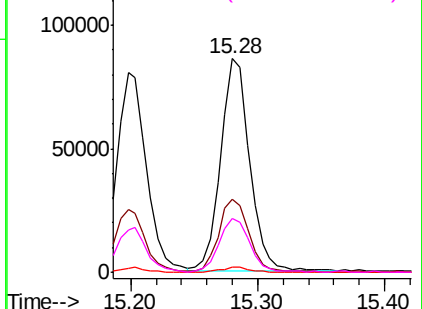
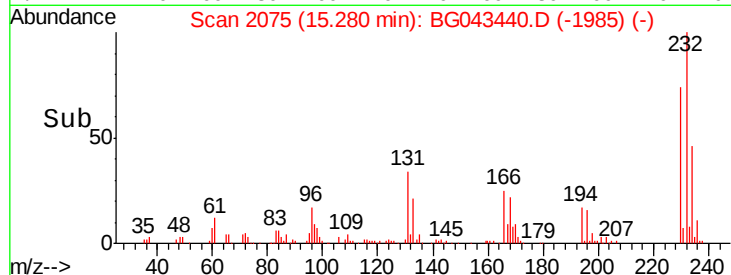
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.150 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.2	28.7	43.1
130	2.3	0.6	0.8
166	26.6	21.1	31.7

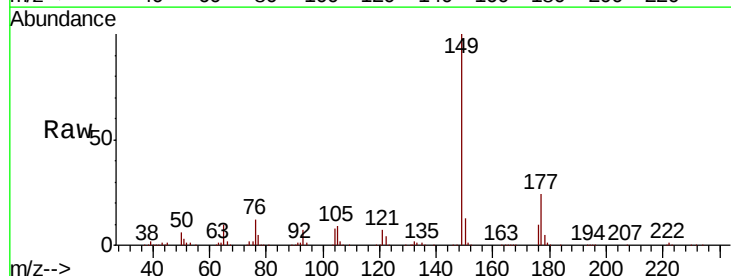


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

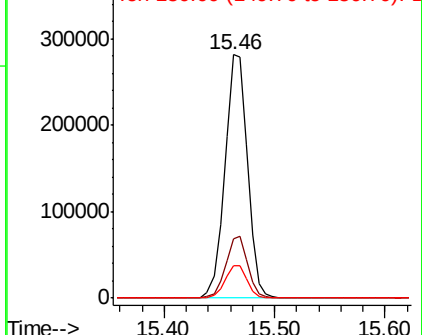
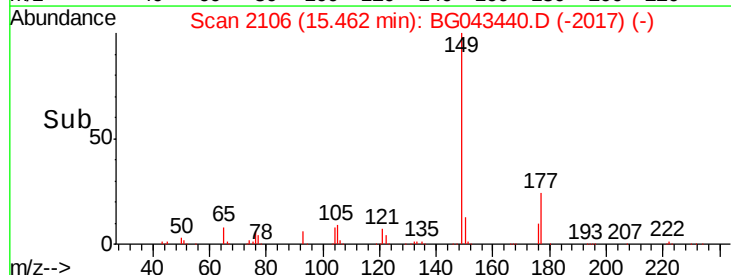


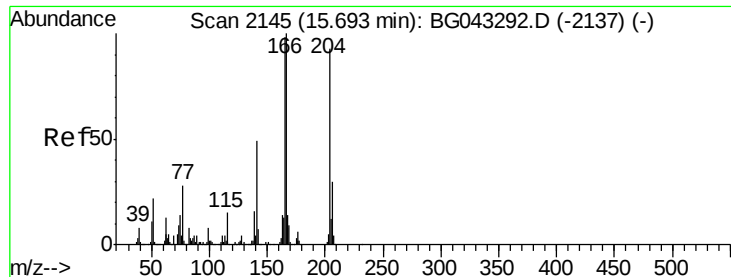
#60
 Diethylphthalate
 Concen: 43.639 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.0	28.4
150	13.4	9.4	14.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

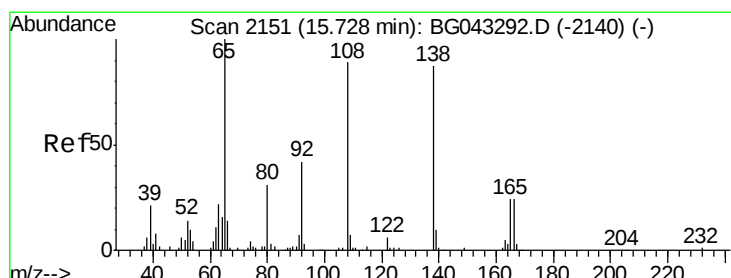
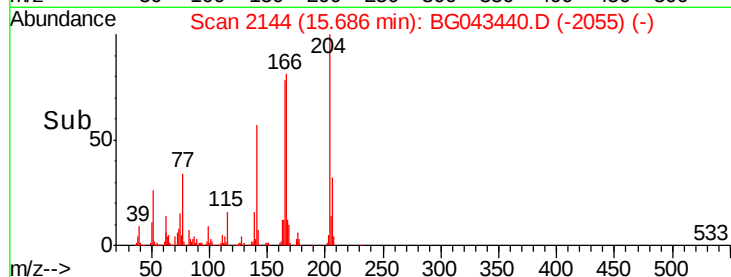
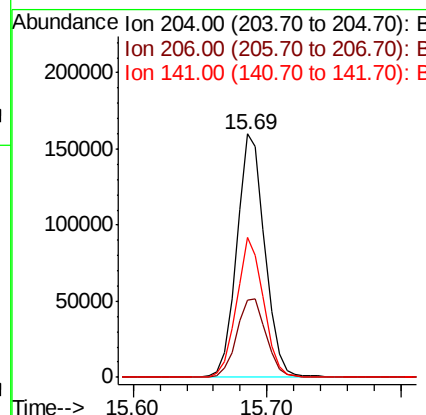
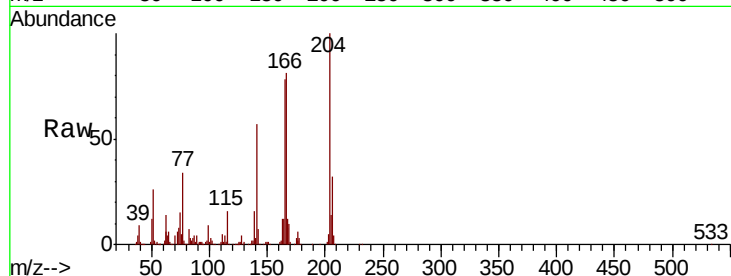




#61
4-Chlorophenyl-phenylether
Concen: 45.007 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

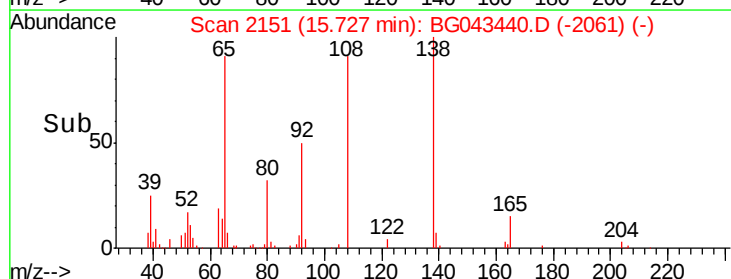
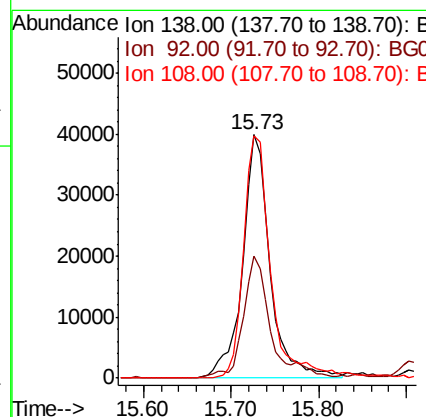
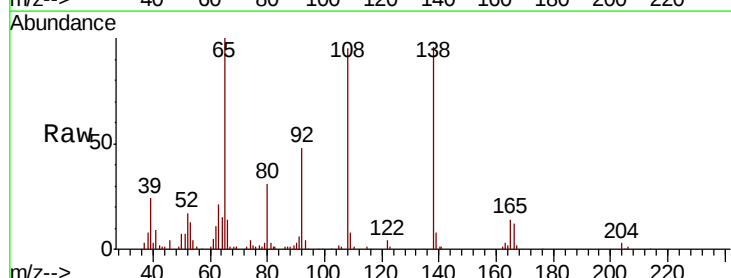
Instrument :
BNA_G
ClientSampleId :

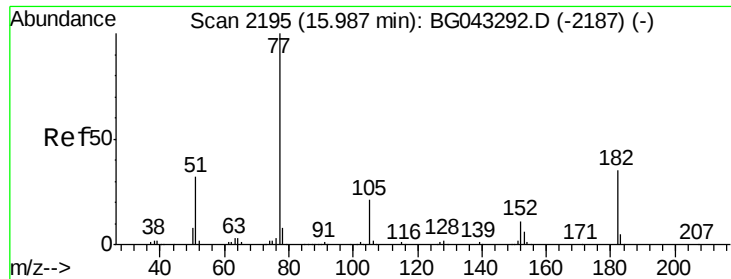
Tot Ion:204 Resp: 232989
Ion Ratio Lower Upper
204 100
206 32.0 25.7 38.5
141 57.3 42.3 63.5



#62
4-Nitroaniline
Concen: 42.463 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion:138 Resp: 84610
Ion Ratio Lower Upper
138 100
92 49.9 28.8 68.8
108 99.4 82.7 122.7

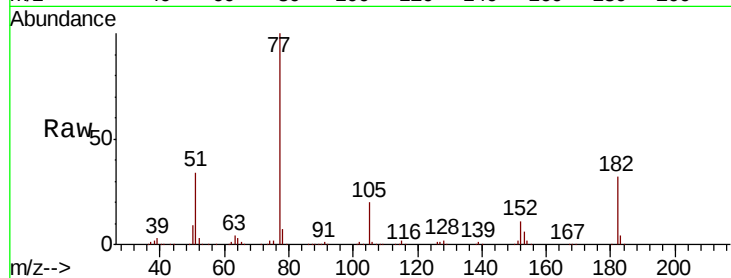




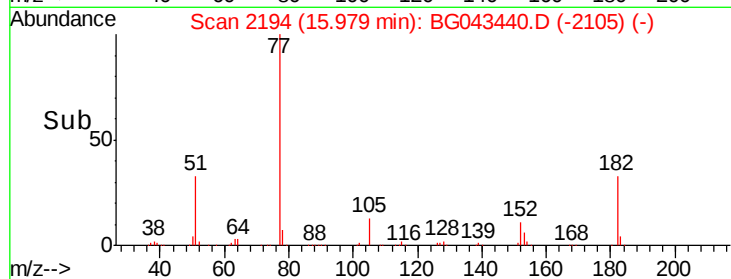
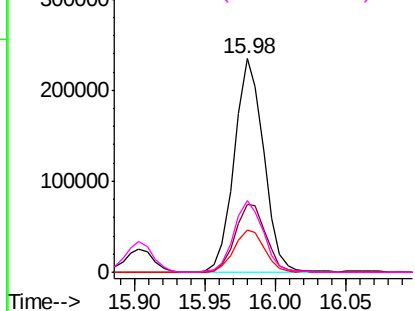
#63
Azobenzene
Concen: 45.344 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	339184
Ion	Ratio	Lower	Upper
77	100		
182	31.8	14.9	54.9
105	19.8	0.6	40.6
51	33.6	12.5	52.5

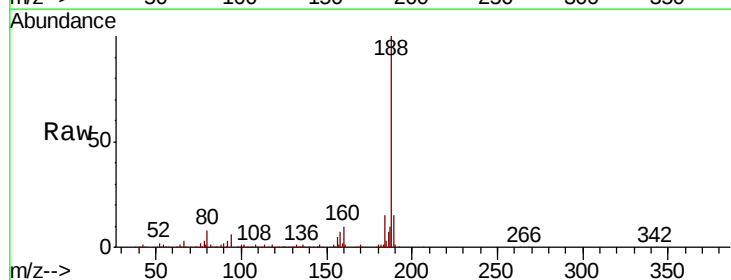


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

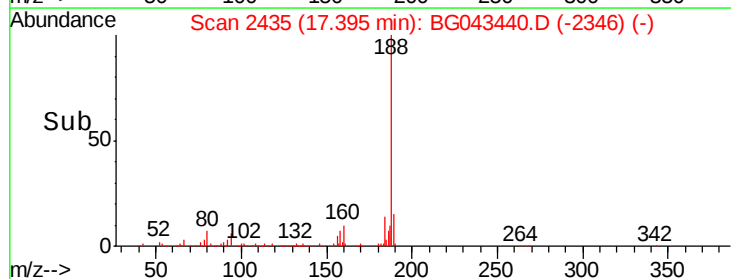
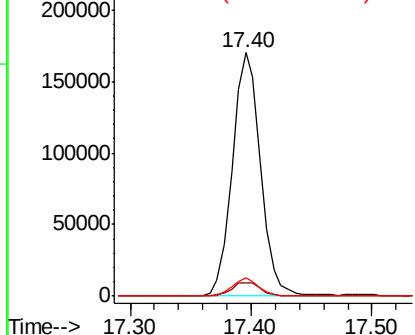


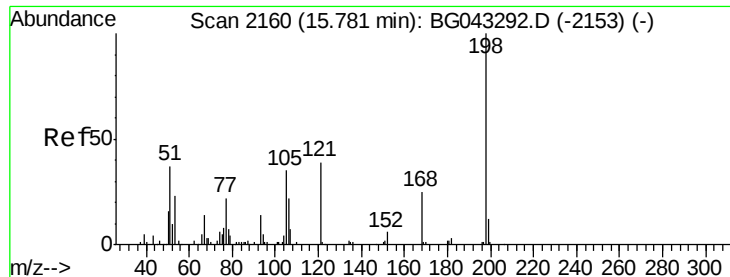
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion:	188	Resp:	277034
Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.2
80	7.6	5.2	7.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 49.481 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

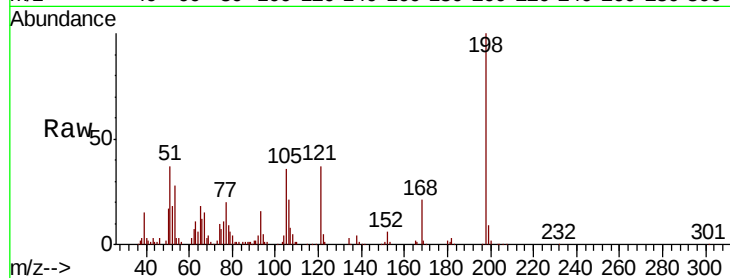
Tot Ion:198 Resp: 80672

Ion Ratio Lower Upper

198 100

51 36.8 21.4 61.4

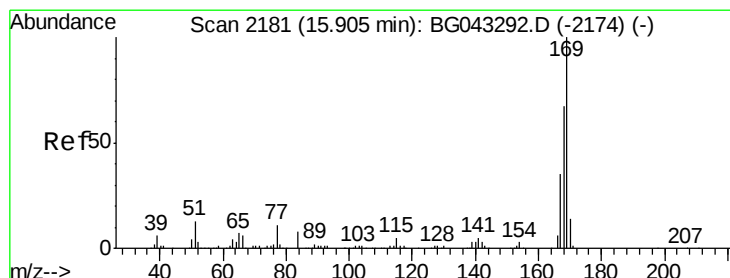
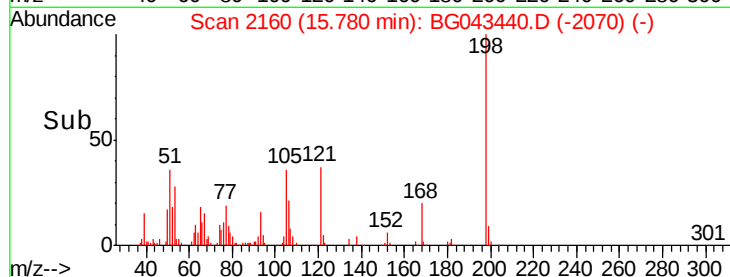
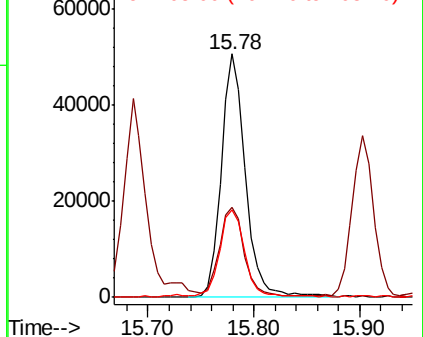
105 36.0 16.5 56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.054 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

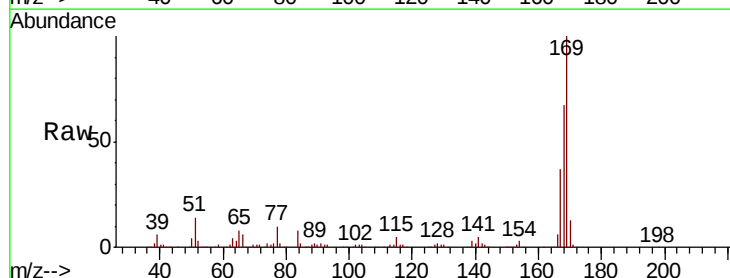
Tgt Ion:169 Resp: 360207

Ion Ratio Lower Upper

169 100

168 67.0 53.9 80.9

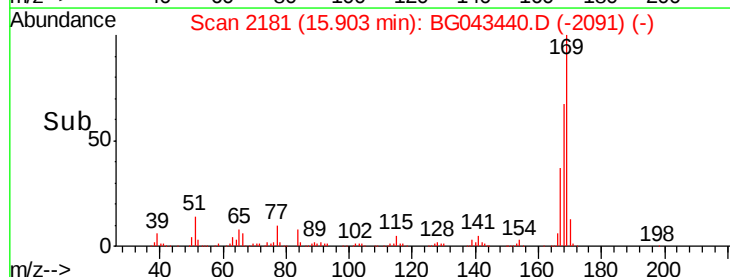
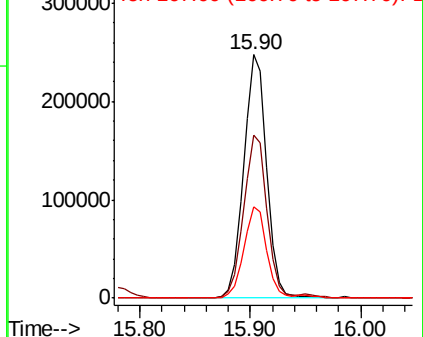
167 37.4 28.3 42.5

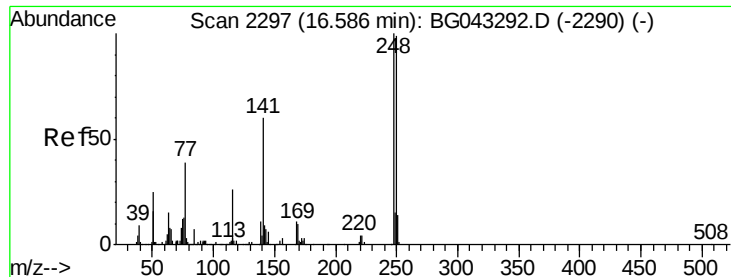


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

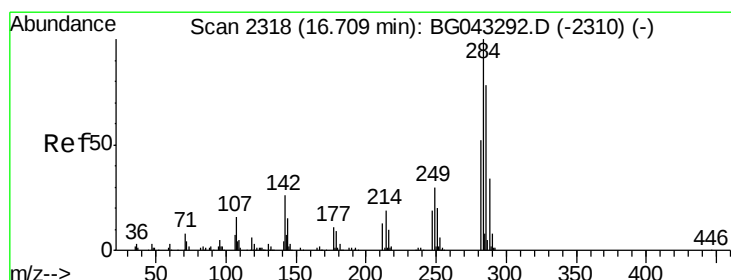
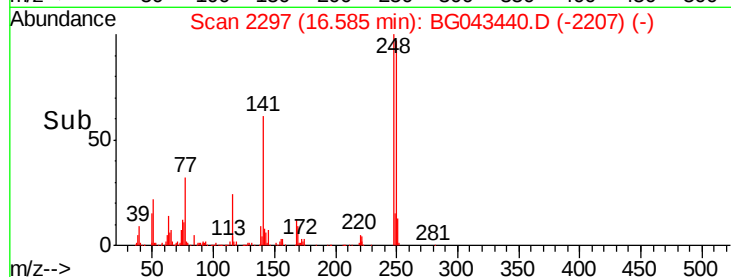
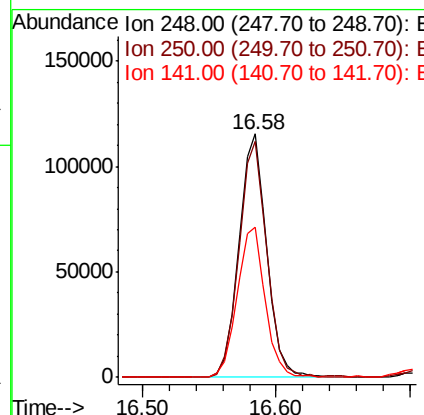
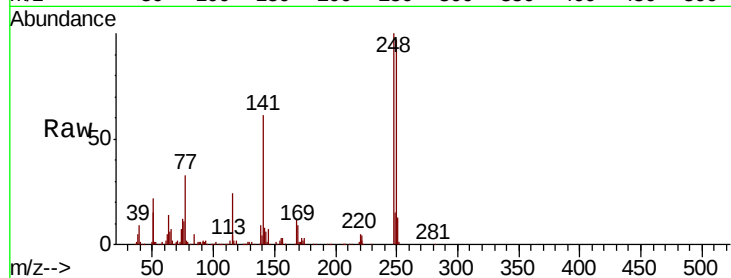




#67
4-Bromophenyl-phenylether
Concen: 44.645 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

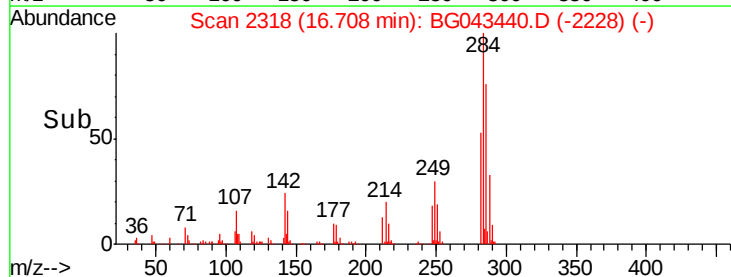
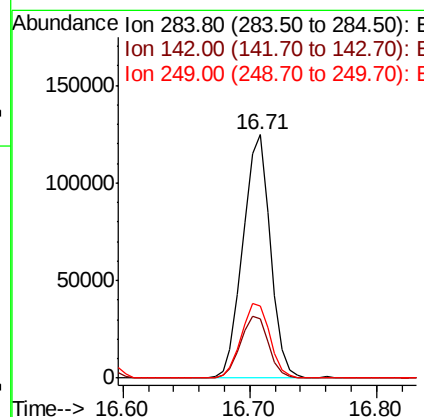
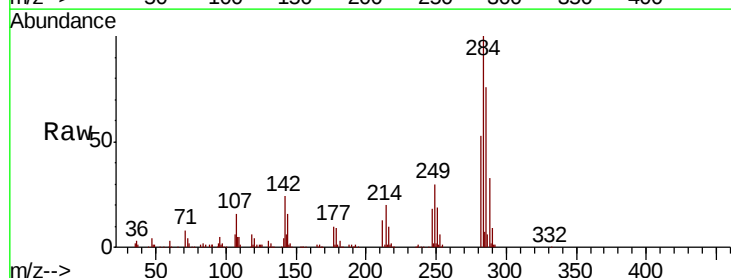
Instrument :
BNA_G
ClientSampleId :

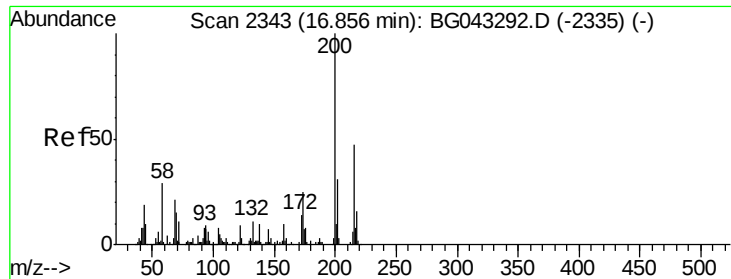
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.3	118.9
141	61.5	47.9	71.9



#68
Hexachlorobenzene
Concen: 43.679 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	21.1	31.7
249	29.6	24.4	36.6

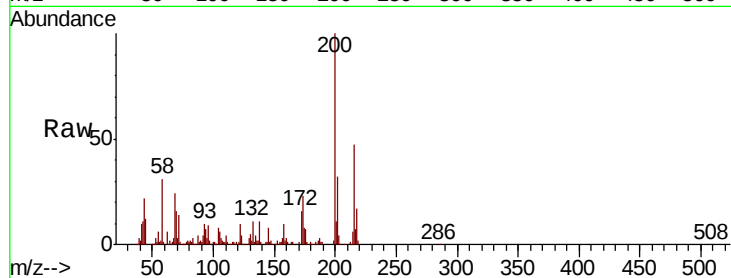




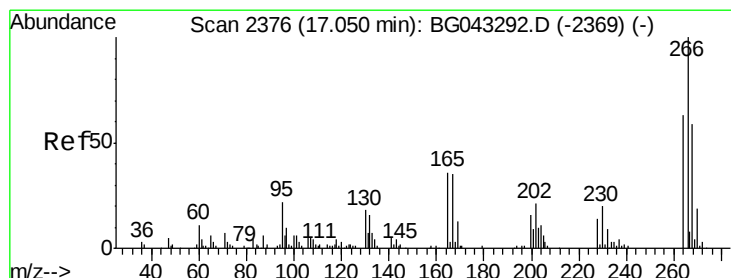
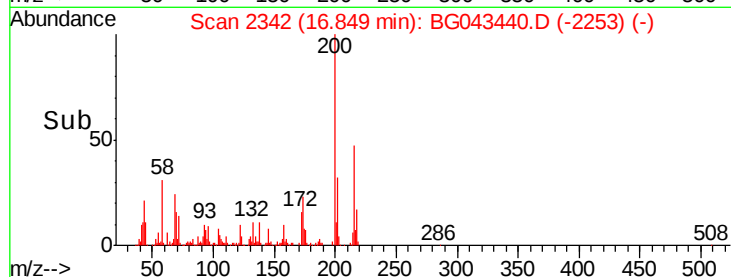
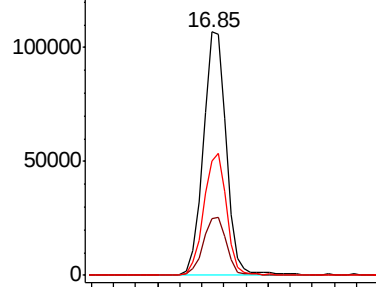
#69
Atrazine
Concen: 57.500 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	5.1	45.1
215	46.9	26.6	66.6

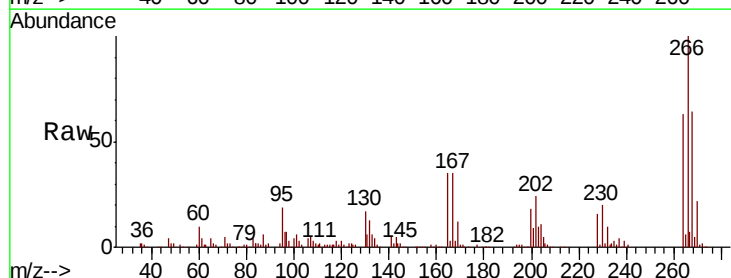


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

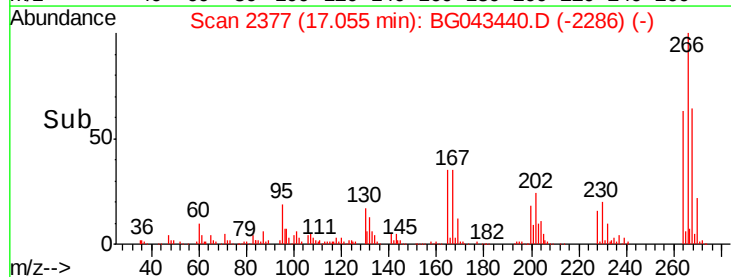
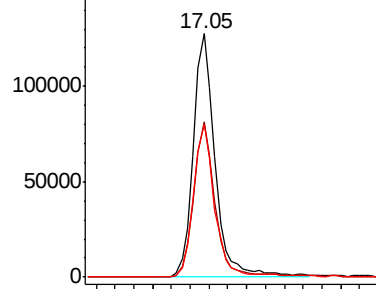


#70
Pentachlorophenol
Concen: 105.870 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	47.1	70.7
264	62.7	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

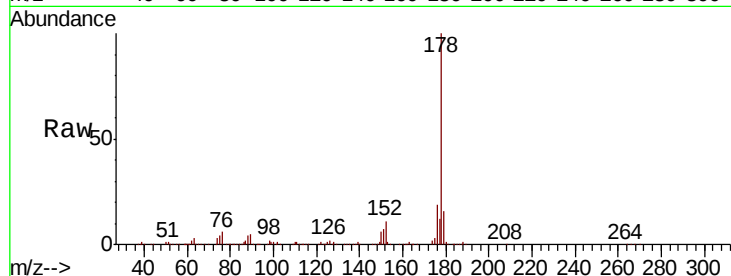




#71
Phenanthrene
Concen: 45.649 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.5	13.1	19.7

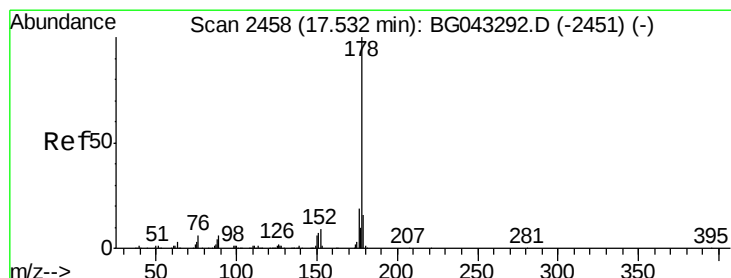
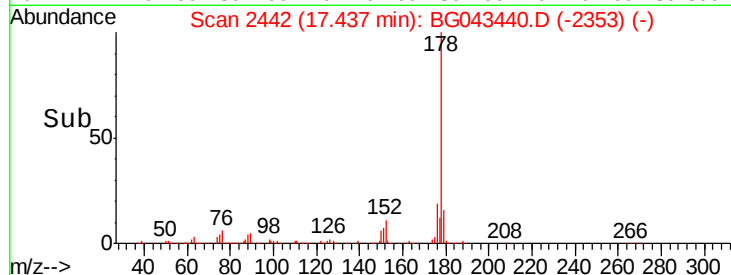
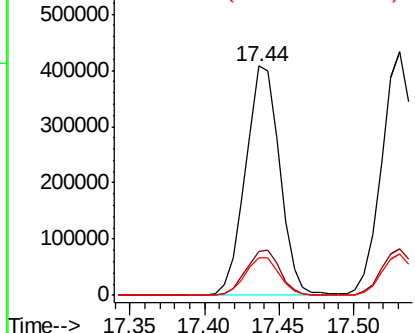


Abundance

Ion 178.00 (177.70 to 178.70): E

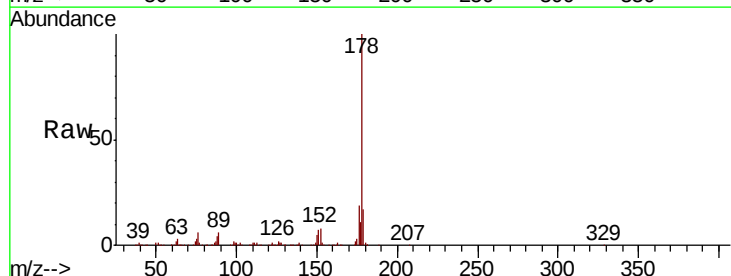
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 47.178 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.8	13.0	19.6

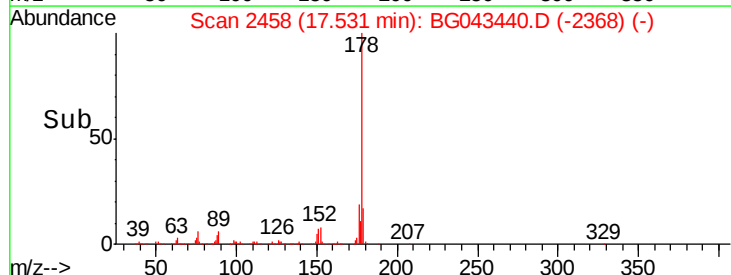
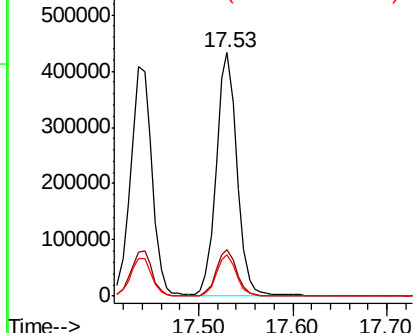


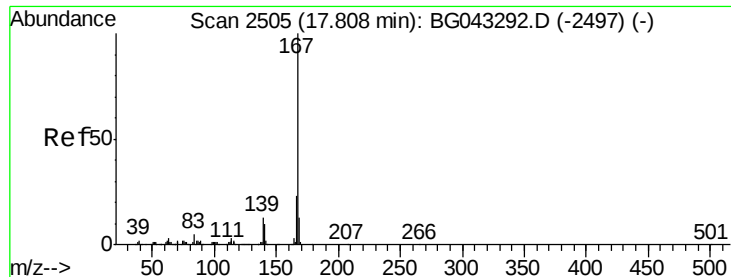
Abundance

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

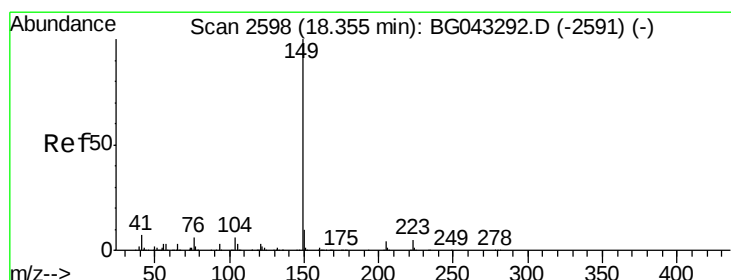
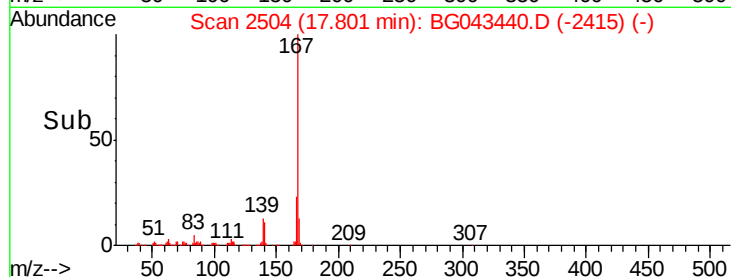
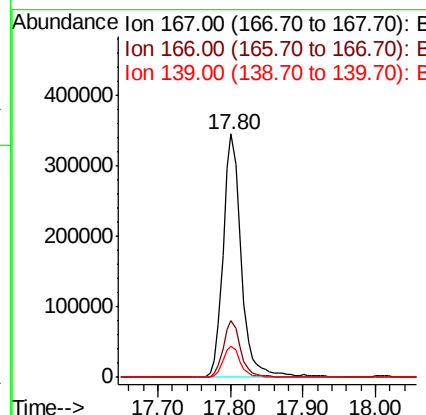
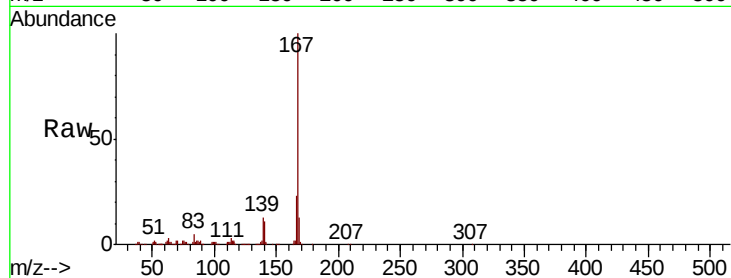




#73
 Carbazole
 Concen: 46.704 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

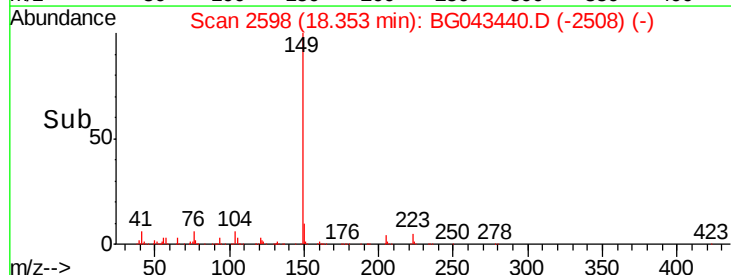
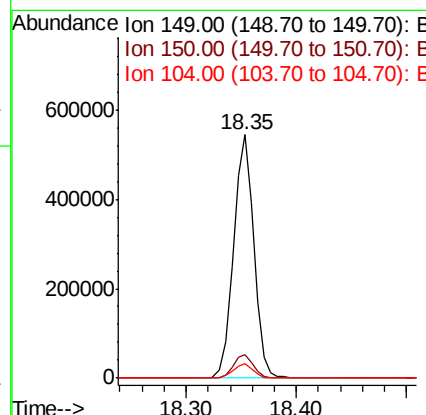
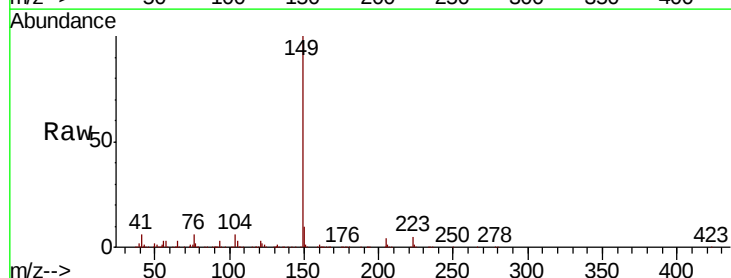
Instrument :
 BNA_G
 ClientSampleId :

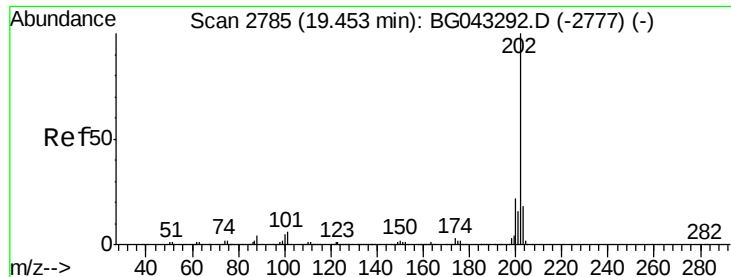
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.4	27.6
139	12.6	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 44.936 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 46.391 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

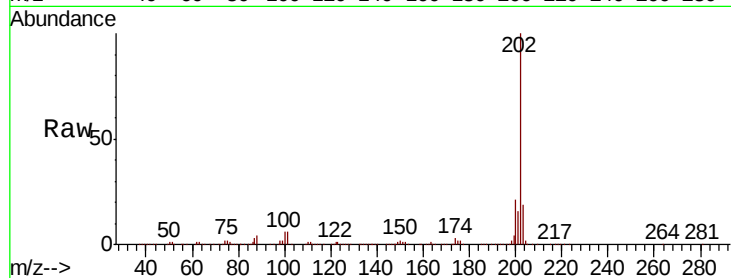
Tot Ion:202 Resp: 857970

Ion Ratio Lower Upper

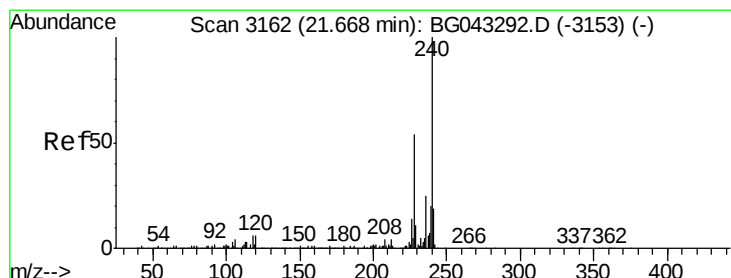
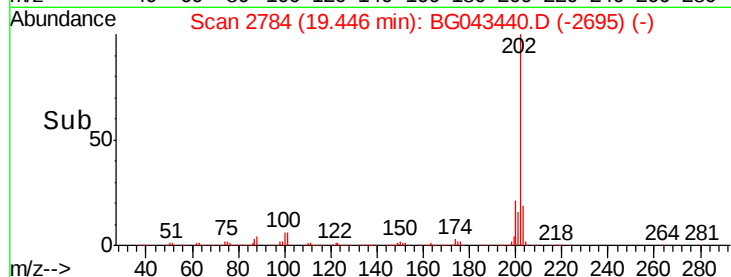
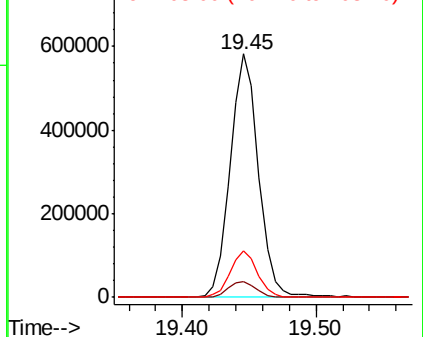
202 100

101 6.4 0.0 26.0

203 19.0 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

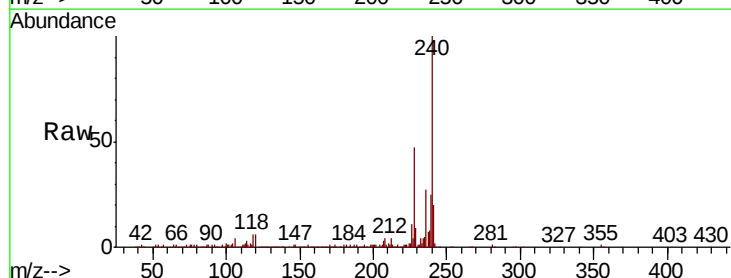
Tgt Ion:240 Resp: 293955

Ion Ratio Lower Upper

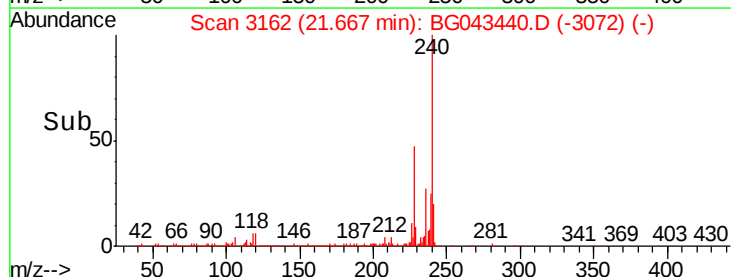
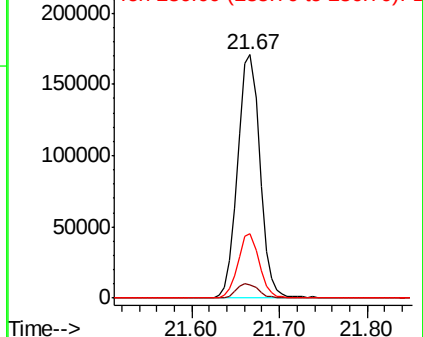
240 100

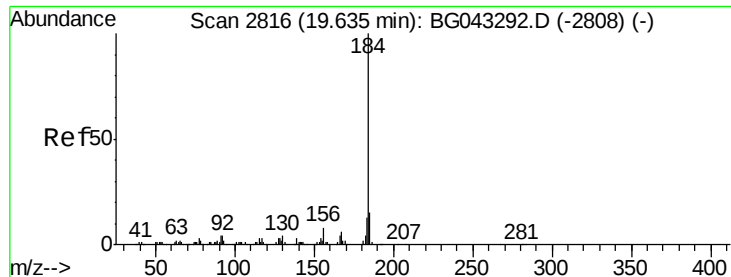
120 5.5 4.6 7.0

236 26.6 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.380 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

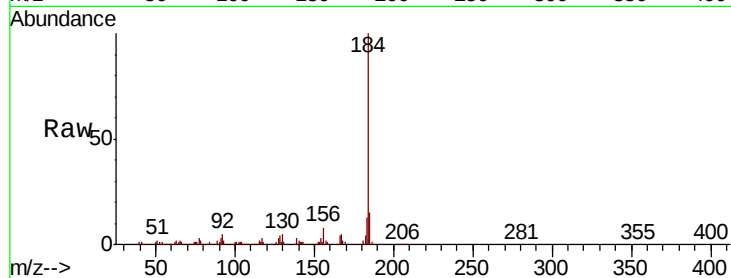
Tot Ion:184 Resp: 404533

Ion Ratio Lower Upper

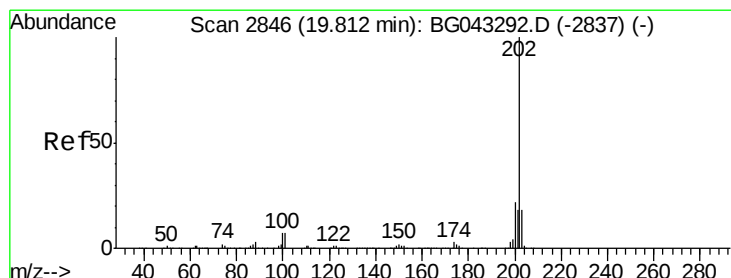
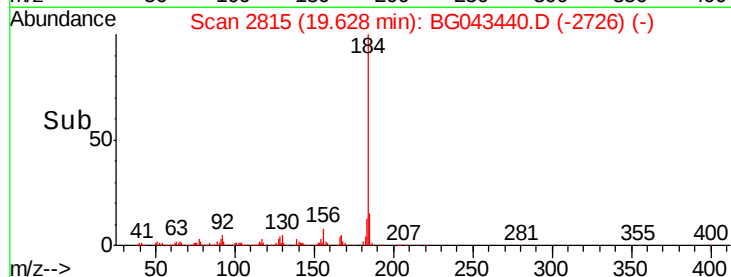
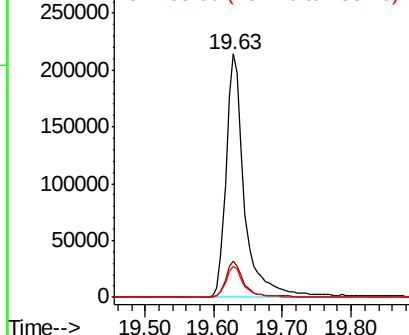
184 100

185 14.8 11.8 17.6

183 12.6 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.819 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

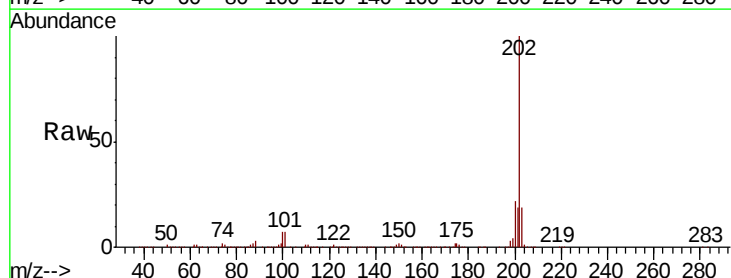
Tgt Ion:202 Resp: 870088

Ion Ratio Lower Upper

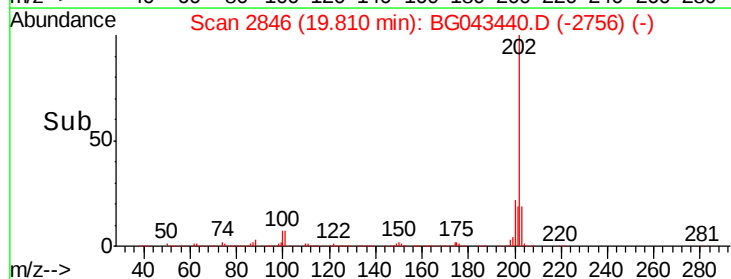
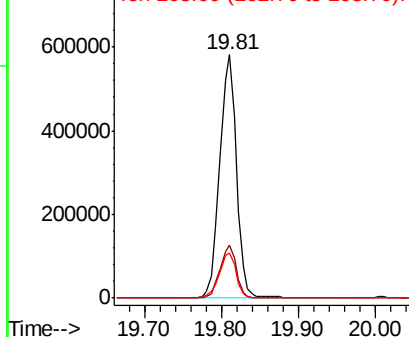
202 100

200 21.9 17.3 25.9

203 18.6 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: 79.921 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

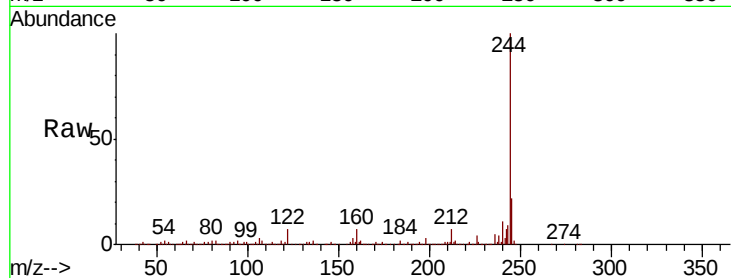
Tot Ion:244 Resp: 1252261

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

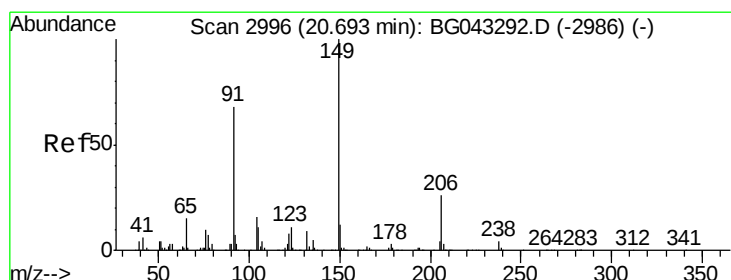
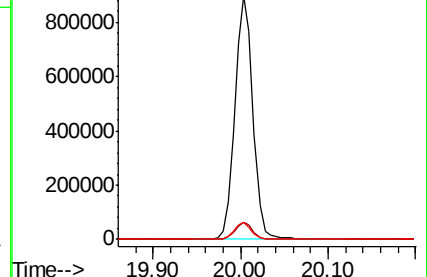
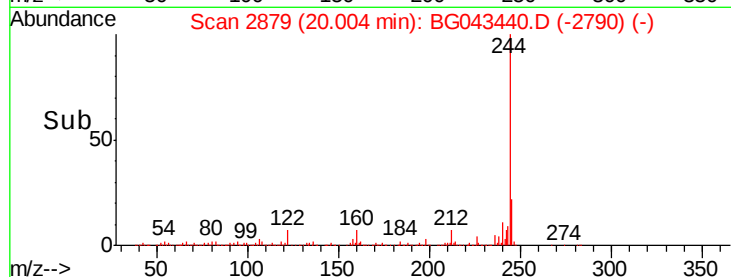
122 7.2 5.3 7.9



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: 47.316 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

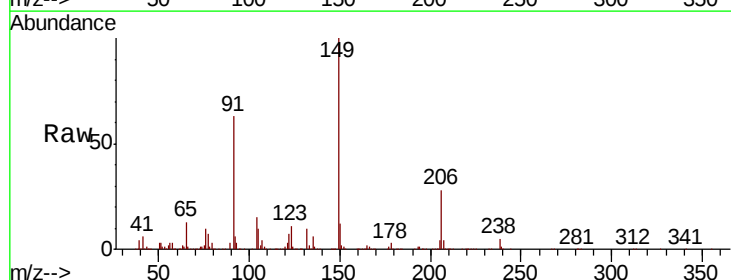
Tgt Ion:149 Resp: 326175

Ion Ratio Lower Upper

149 100

91 63.2 54.6 82.0

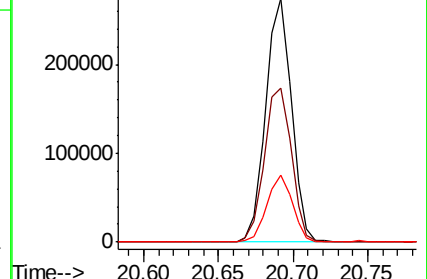
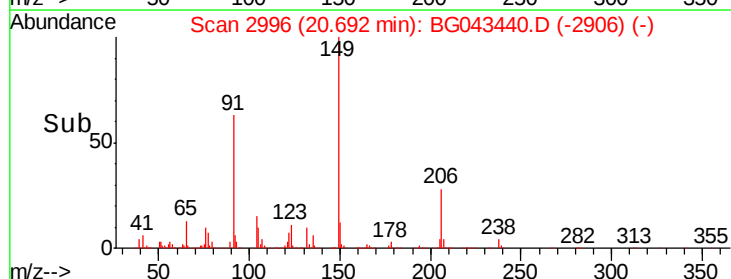
206 27.7 20.5 30.7

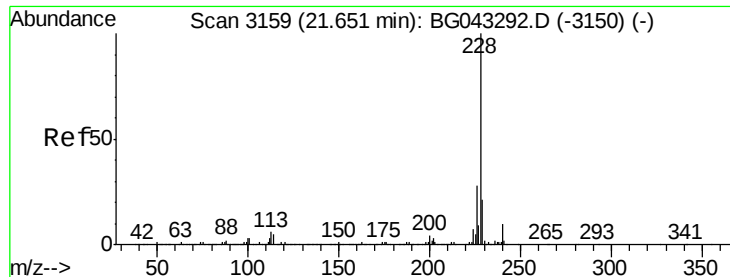


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.562 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

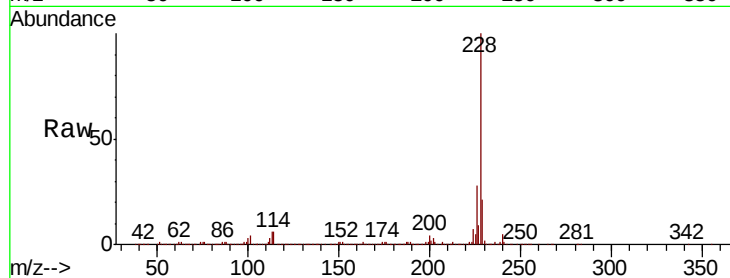
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 894180

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	20.8	16.9	25.3

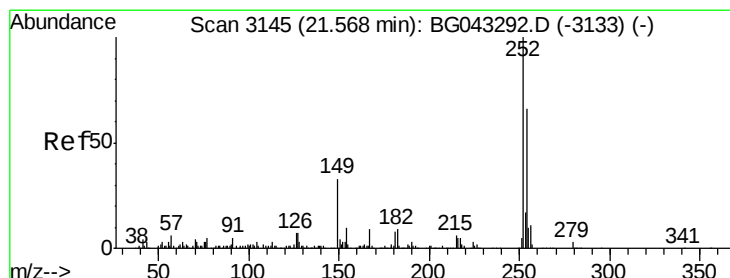
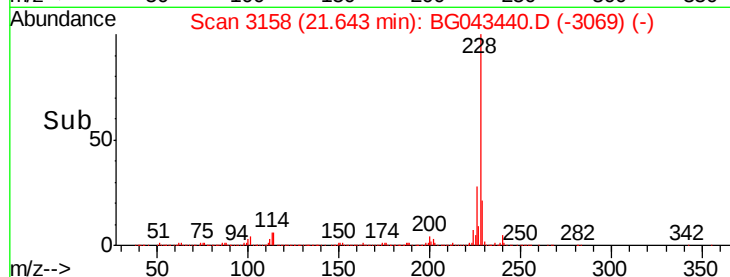
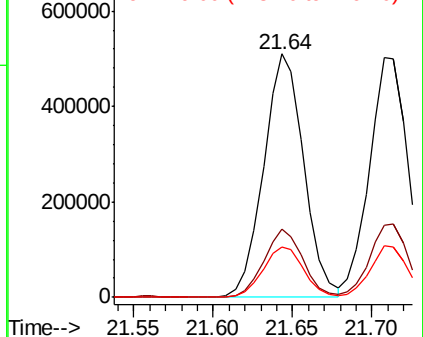


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.235 ng

RT: 21.56 min Scan# 3144

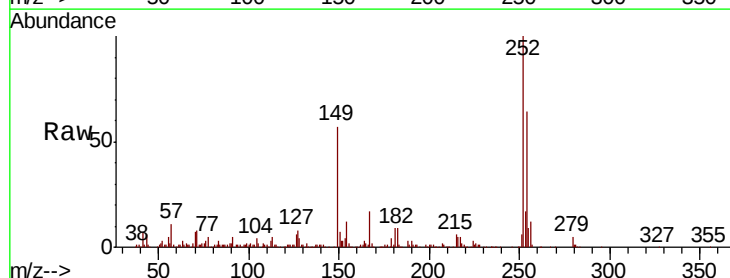
Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:252 Resp: 229572

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.7	79.1
126	6.1	5.6	8.4

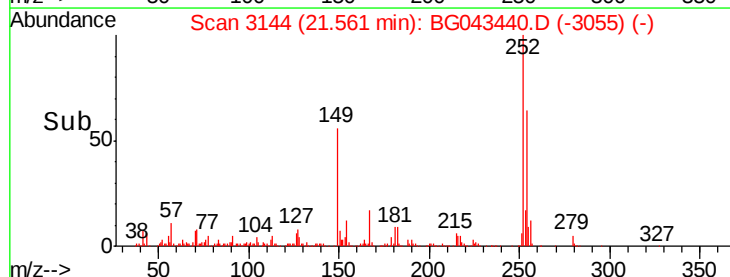
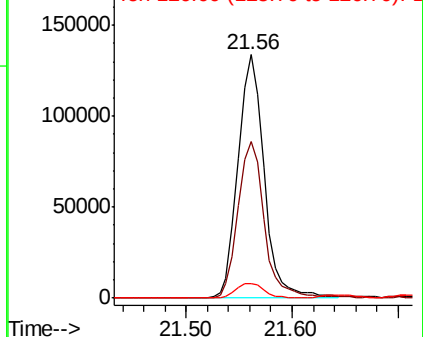


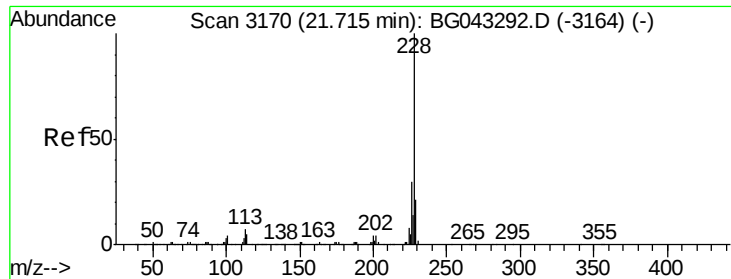
Abundance

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

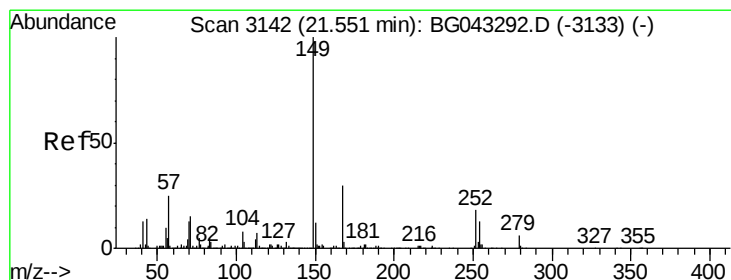
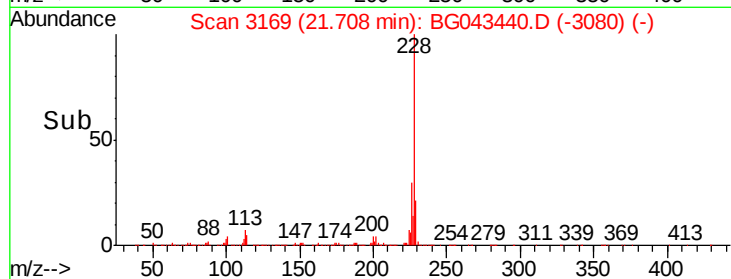
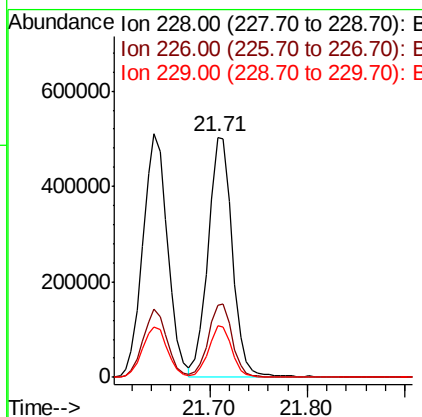
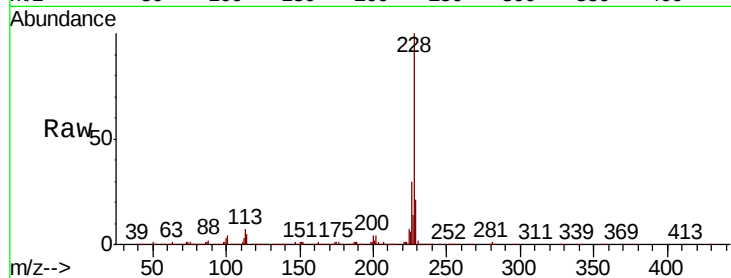




#83
 Chrysene
 Concen: 47.303 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

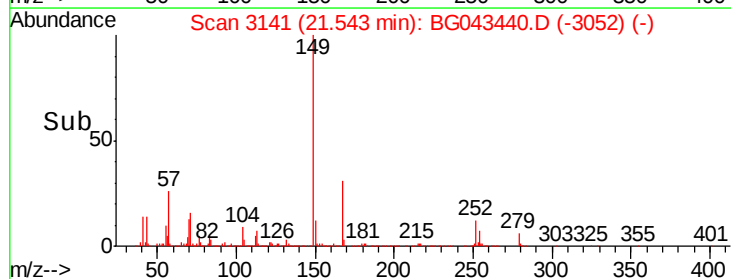
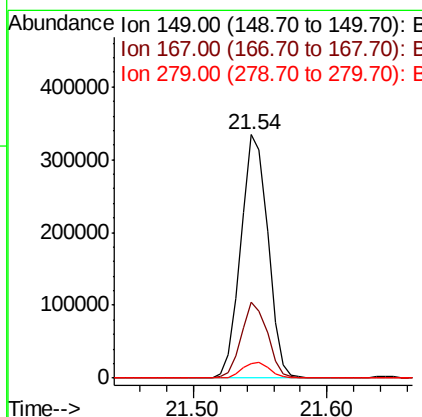
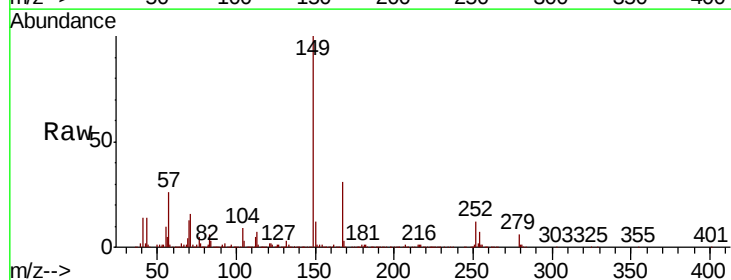
Instrument :
 BNA_G
 ClientSampleId :

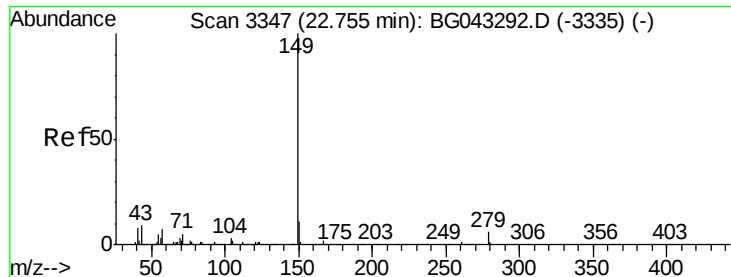
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	21.4	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.979 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	23.9	35.9
279	6.2	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 48.943 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

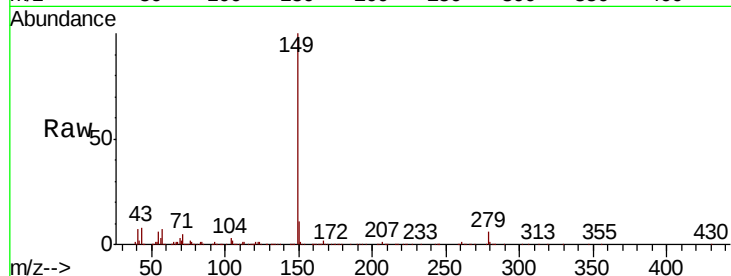
Tot Ion:149 Resp: 813108

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

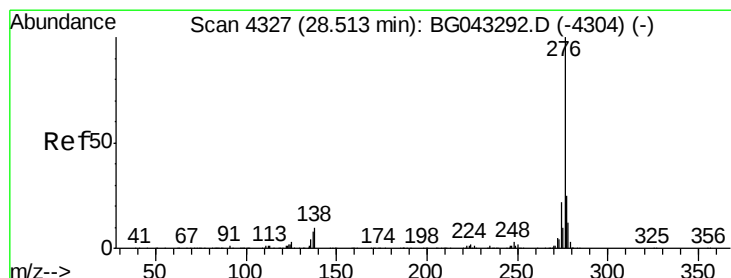
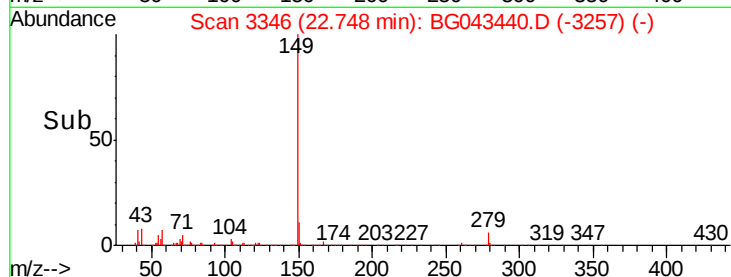
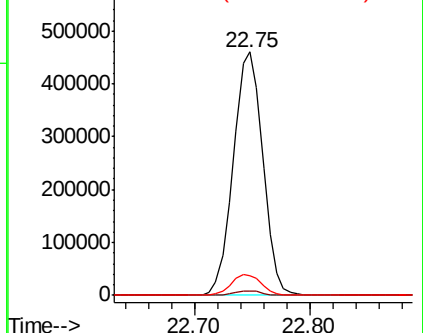
43 8.7 6.9 10.3



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: 50.339 ng

RT: 28.52 min Scan# 4329

Delta R.T. 0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

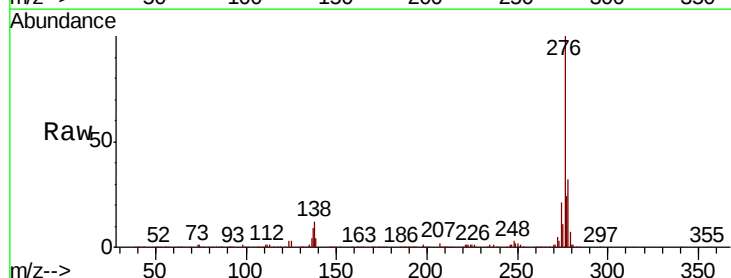
Tgt Ion:276 Resp: 1156023

Ion Ratio Lower Upper

276 100

138 14.2 7.2 10.8#

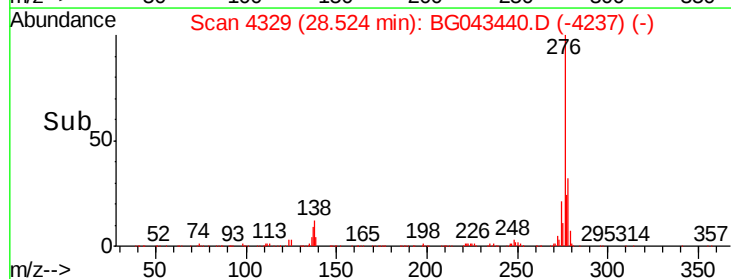
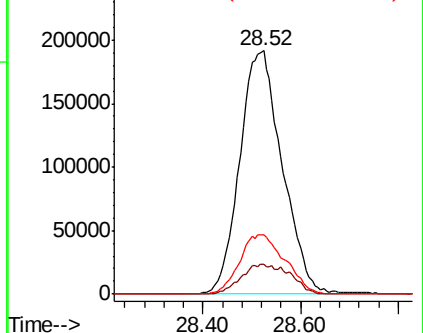
277 26.2 20.9 31.3

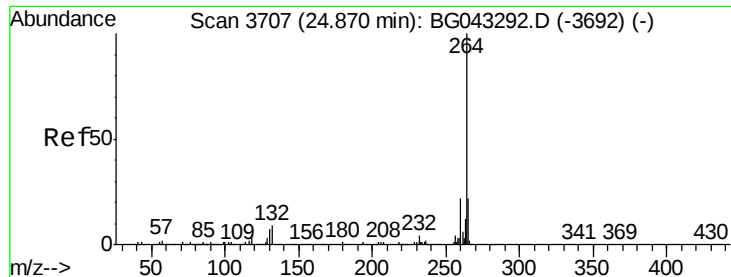


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

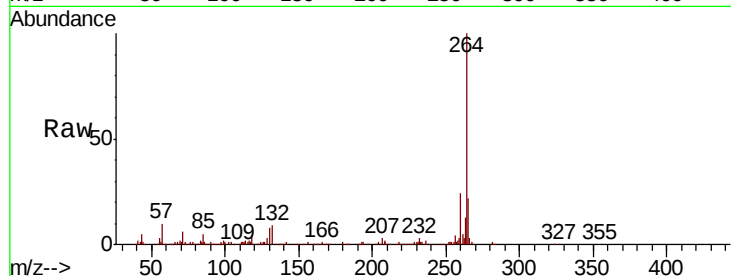
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 358036

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	21.5	17.4	26.2

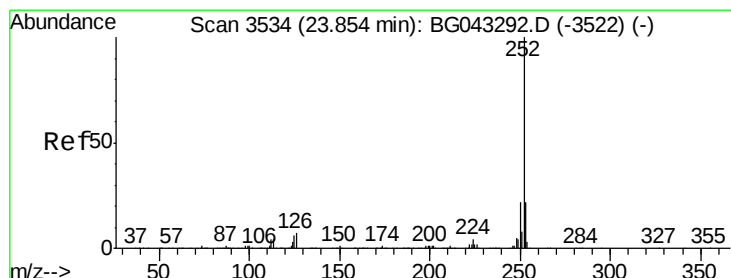
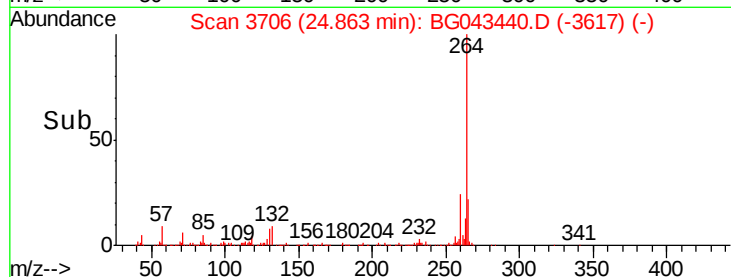
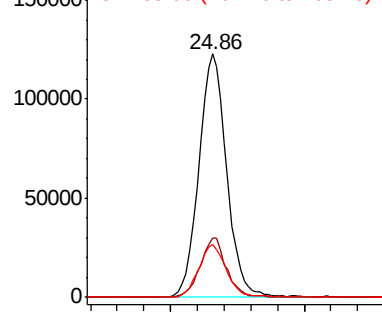


Abundance

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: 47.279 ng

RT: 23.85 min Scan# 3534

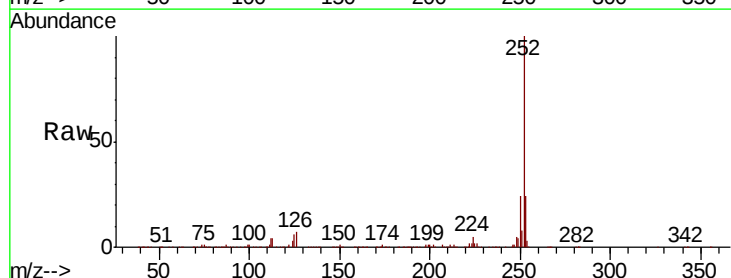
Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:252 Resp: 958731

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	5.9	5.0	7.6

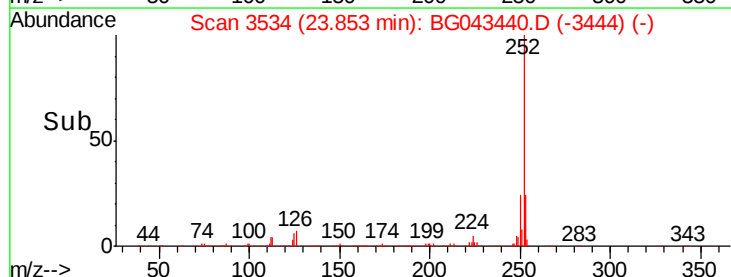
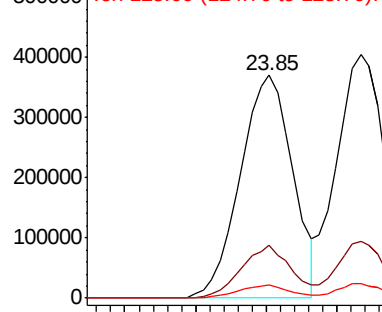


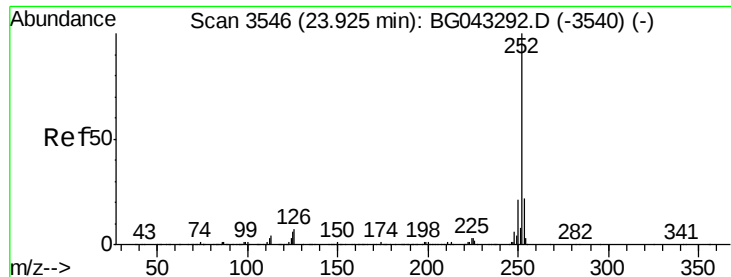
Abundance

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: 47.557 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampled :

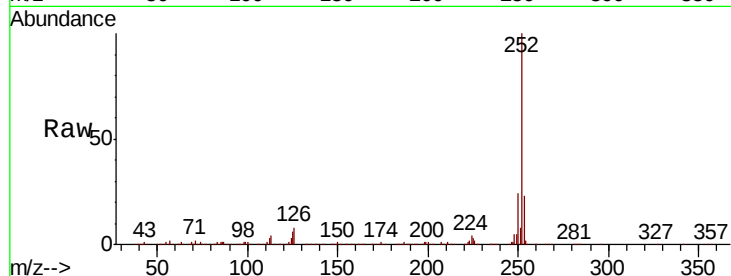
Tot Ion:252 Resp: 970821

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

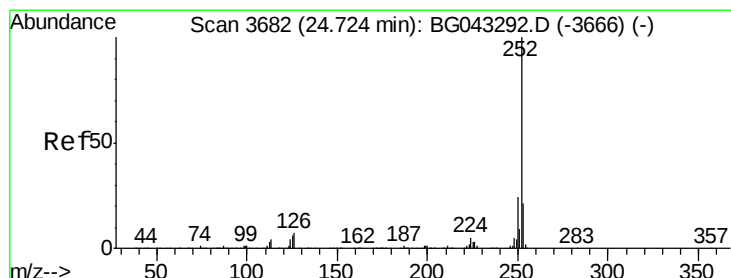
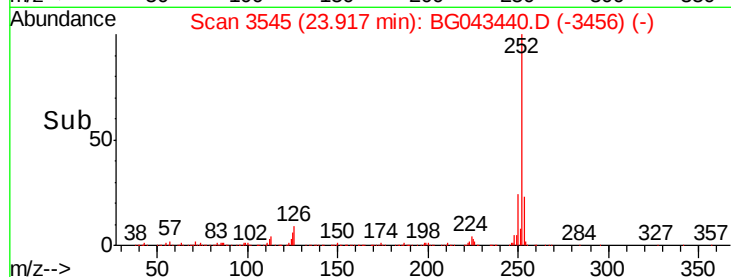
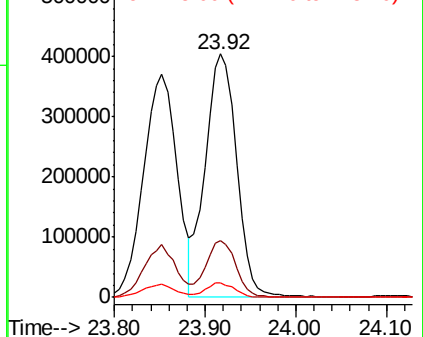
125 5.8 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.854 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

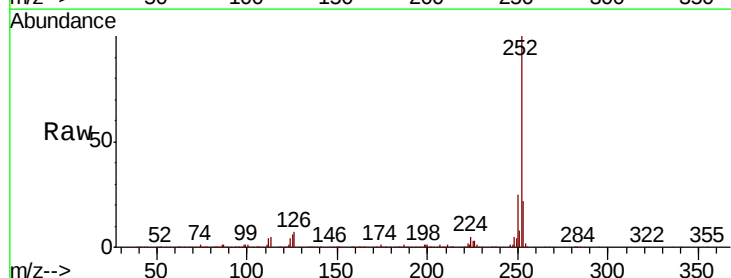
Tgt Ion:252 Resp: 887910

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

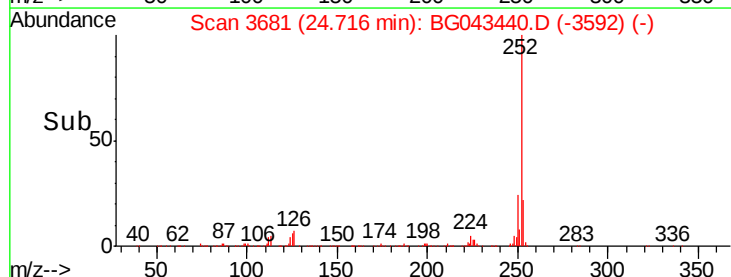
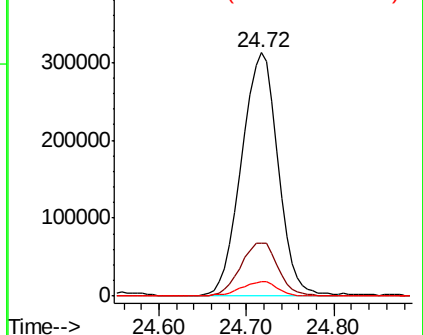
125 5.9 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.801 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

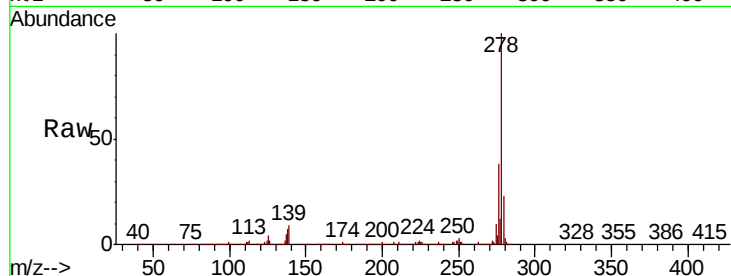
Tot Ion:278 Resp: 966581

Ion Ratio Lower Upper

278 100

139 8.6 6.8 10.2

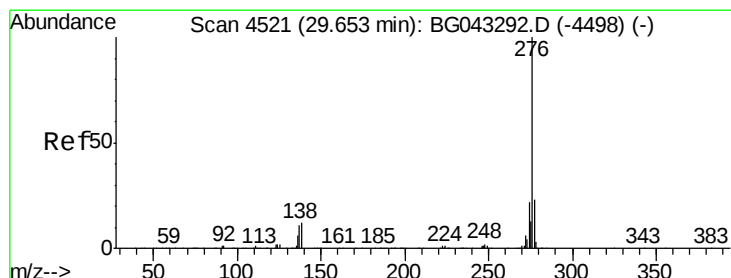
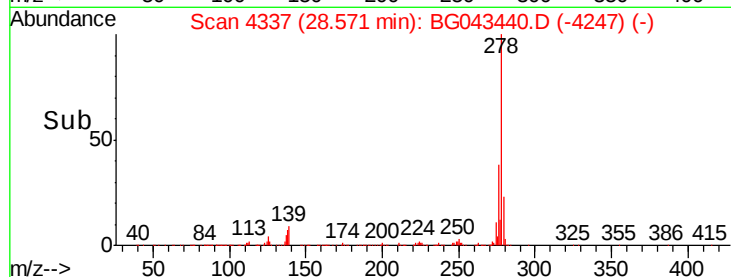
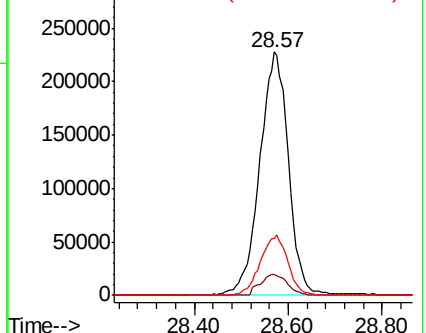
279 23.4 19.0 28.6



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: 49.659 ng

RT: 29.65 min Scan# 4521

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

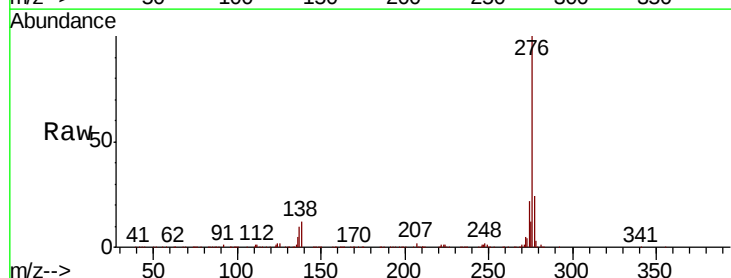
Tgt Ion:276 Resp: 970190

Ion Ratio Lower Upper

276 100

277 24.1 18.3 27.5

138 11.7 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

