

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
 Data File : BG042290.D
 Acq On : 17 Aug 2019 14:49
 Operator : HP/JU
 Sample : K3616-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

Quant Time: Aug 19 05:56:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64967	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	246921	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	188395	20.00	ng	-0.04
64) Phenanthrene-d10	17.42	188	446182	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	481882	20.00	ng	-0.04
87) Perylene-d12	24.94	264	574014	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	440175	131.82	ng	-0.02
7) Phenol-d6	7.17	99	567999	126.17	ng	-0.02
23) Nitrobenzene-d5	9.18	82	372691	103.87	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	397023	185.53	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	1110433	103.96	ng	-0.04
79) Terphenyl-d14	20.03	244	2039480	96.85	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	47696	30.348	ng	# 46
3) Pyridine	3.85	79	111747	25.929	ng	# 78
4) n-Nitrosodimethylamine	3.75	42	50931	29.810	ng	# 71
6) Aniline	7.33	93	62762	9.901	ng	92
8) 2-Chlorophenol	7.58	128	185715	48.571	ng	86
9) Benzaldehyde	7.14	77	66642	21.039	ng	84
10) Phenol	7.20	94	185437	39.595	ng	93
11) bis(2-Chloroethyl)ether	7.42	93	154709	40.182	ng	85
12) 1,3-Dichlorobenzene	8.05	146	211194	42.320	ng	96
13) 1,4-Dichlorobenzene	8.05	146	211194	42.294	ng	97
14) 1,2-Dichlorobenzene	8.37	146	200716	42.125	ng	94
15) Benzyl Alcohol	8.25	79	139764	39.463	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	202698	29.592	ng	89
17) 2-Methylphenol	8.46	107	149163	43.794	ng	96
18) Hexachloroethane	9.10	117	71416	41.764	ng	91
19) n-Nitroso-di-n-propylamine	8.82	70	121555	37.192	ng	# 81
20) 3+4-Methylphenols	8.79	107	203920	43.751	ng	97
22) Acetophenone	8.83	105	259805	47.040	ng	# 87
24) Nitrobenzene	9.22	77	176472	46.684	ng	89
25) Isophorone	9.74	82	350597	44.917	ng	96
26) 2-Nitrophenol	9.94	139	112166	63.935	ng	# 85
27) 2,4-Dimethylphenol	10.00	122	180346	58.244	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	220527	45.211	ng	98
29) 2,4-Dichlorophenol	10.48	162	215368	57.116	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	228141	47.712	ng	99
31) Naphthalene	10.88	128	564720	49.971	ng	96
32) Benzoic acid	10.00	122	180346	75.433	ng	# 12
34) Hexachlorobutadiene	11.17	225	145617	45.122	ng	99
35) Caprolactam	11.76	113	21962	16.759	ng	# 59
36) 4-Chloro-3-methylphenol	12.12	107	206429	55.219	ng	91
37) 2-Methylnaphthalene	12.49	142	457553	51.152	ng	98
38) 1-Methylnaphthalene	12.71	142	428152	50.508	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	278347	46.675	ng	# 98
41) Hexachlorocyclopentadiene	12.85	237	271878	81.089	ng	97

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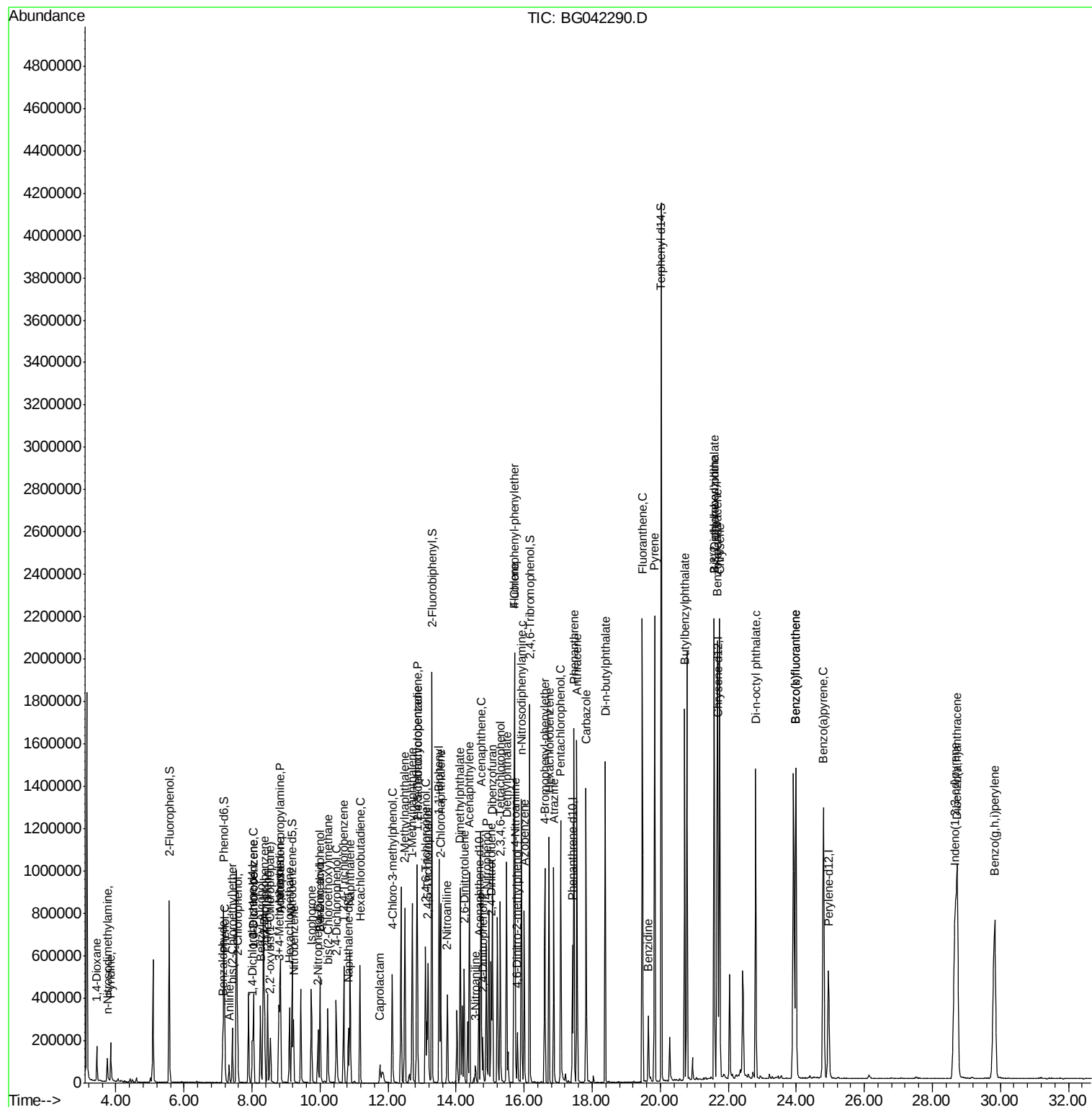
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	198895	52.769	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	220975	56.416	ng #	93
46) 1,1'-Biphenyl	13.50	154	597280	49.319	ng	96
47) 2-Chloronaphthalene	13.55	162	491282	47.647	ng	95
48) 2-Nitroaniline	13.75	65	120867	46.220	ng #	73
49) Acenaphthylene	14.39	152	781840	50.692	ng	98
50) Dimethylphthalate	14.12	163	676440	52.574	ng	99
51) 2,6-Dinitrotoluene	14.24	165	160923	59.813	ng #	76
52) Acenaphthene	14.73	154	461324	45.988	ng	98
53) 3-Nitroaniline	14.57	138	32101	11.153	ng #	83
54) 2,4-Dinitrophenol	14.78	184	86224	58.846	ng #	80
55) Dibenzofuran	15.07	168	778197	50.719	ng	94
56) 4-Nitrophenol	14.89	139	251514	115.120	ng #	83
57) 2,4-Dinitrotoluene	15.03	165	228769	61.831	ng #	82
58) Fluorene	15.72	166	640520	52.019	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	217838	56.153	ng #	91
60) Diethylphthalate	15.48	149	653031	51.697	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	371295	49.394	ng	95
62) 4-Nitroaniline	15.74	138	151162	48.487	ng	90
63) Azobenzene	16.00	77	461107	44.686	ng	88
65) 4,6-Dinitro-2-methylphenol	15.80	198	87753	41.300	ng	78
66) n-Nitrosodiphenylamine	15.93	169	612070	50.361	ng	96
67) 4-Bromophenyl-phenylether	16.61	248	261373	47.556	ng	95
68) Hexachlorobenzene	16.73	284	276188	48.034	ng #	90
69) Atrazine	16.87	200	239343	50.122	ng	99
70) Pentachlorophenol	17.08	266	316065	96.762	ng	97
71) Phenanthrene	17.46	178	1098123	51.346	ng	95
72) Anthracene	17.55	178	1125215	52.753	ng	95
73) Carbazole	17.82	167	1048036	54.744	ng	95
74) Di-n-butylphthalate	18.38	149	1169688	53.893	ng #	96
75) Fluoranthene	19.47	202	1420124	54.629	ng	93
77) Benzidine	19.65	184	248990	15.830	ng	96
78) Pyrene	19.84	202	1417382	49.644	ng	94
80) Butylbenzylphthalate	20.72	149	578254	52.826	ng #	85
81) Benzo(a)anthracene	21.68	228	1428653	50.110	ng	94
82) 3,3'-Dichlorobenzidine	21.59	252	226547	19.791	ng #	97
83) Chrysene	21.75	228	1376254	50.359	ng	95
84) Bis(2-ethylhexyl)phthalate	21.58	149	812790	53.828	ng	97
85) Di-n-octyl phthalate	22.81	149	1388739	54.649	ng #	86
86) Indeno(1,2,3-cd)pyrene	28.66	276	1897137	52.439	ng #	94
88) Benzo(b)fluoranthene	23.99	252	1554433	49.502	ng	97
89) Benzo(k)fluoranthene	23.99	252	1554433	50.819	ng #	97
90) Benzo(a)pyrene	24.80	252	1551322	51.512	ng #	96
91) Dibenzo(a,h)anthracene	28.73	278	1550441	52.431	ng #	96
92) Benzo(g,h,i)perylene	29.84	276	1583525	53.599	ng #	94

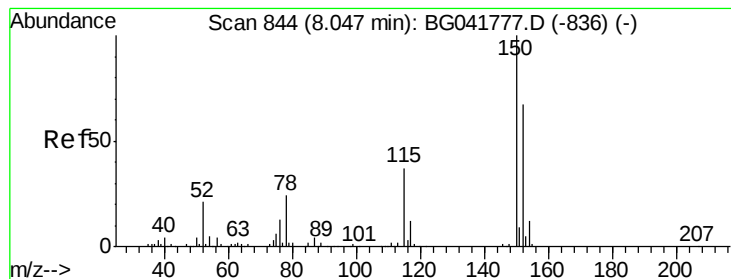
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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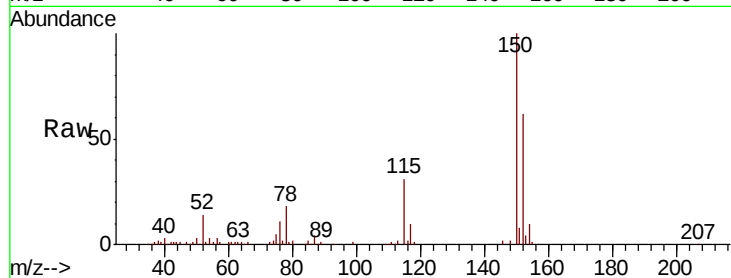


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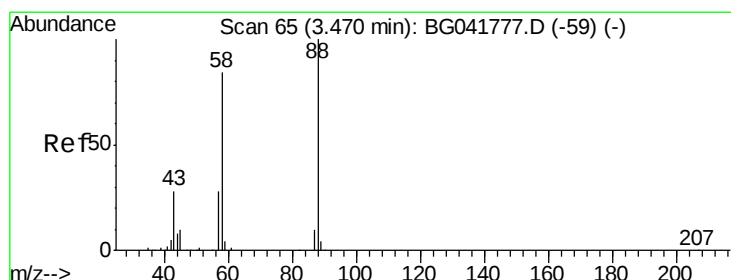
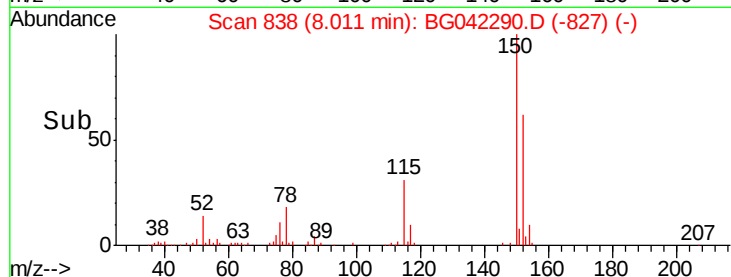
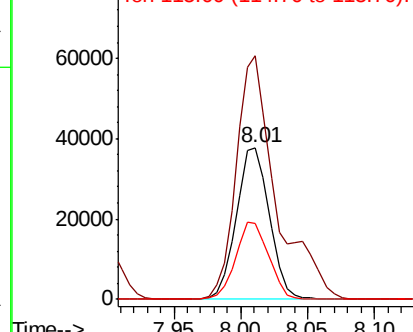
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

Tgt Ion:152 Resp: 64967
Ion Ratio Lower Upper
152 100
150 160.7 126.9 190.3
115 49.9 45.0 67.6



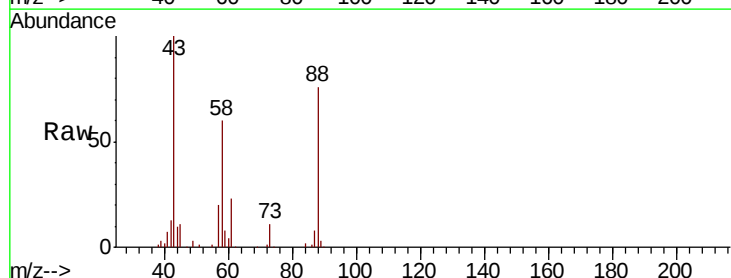
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



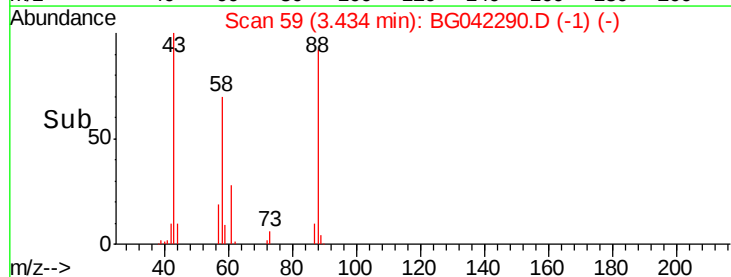
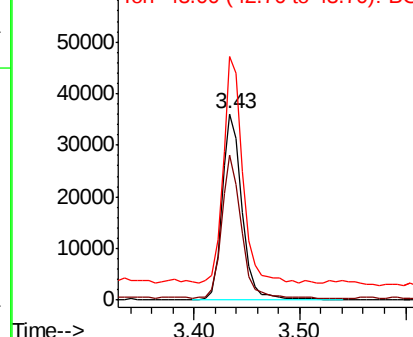
#2

1,4-Dioxane
Concen: 30.348 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion: 88 Resp: 47696
Ion Ratio Lower Upper
88 100
58 74.3 76.2 114.2#
43 117.3 27.2 40.8#



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





#3

Pyridine

Concen: 25.929 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

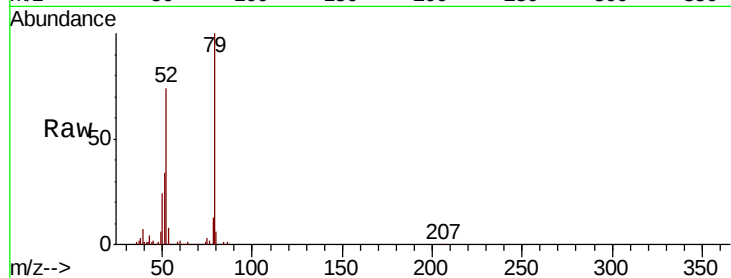
Tgt Ion: 79 Resp: 111747

Ion Ratio Lower Upper

79 100

52 74.1 77.1 115.7#

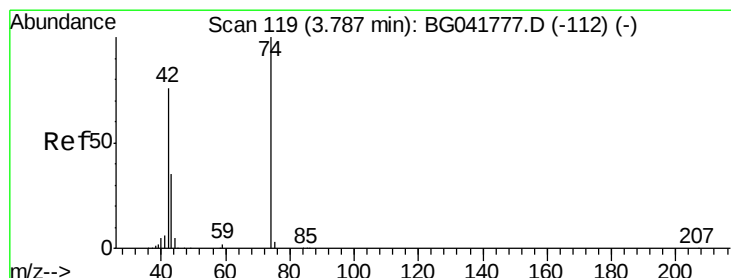
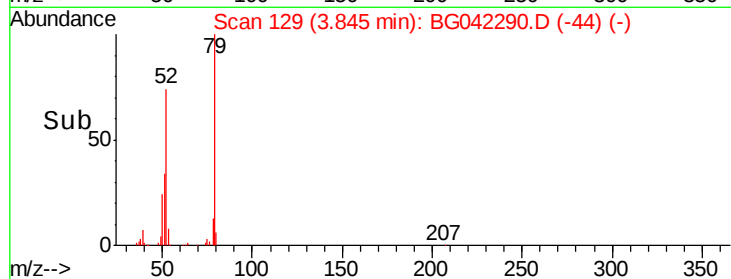
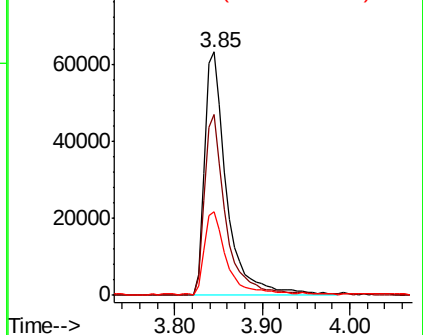
51 34.3 37.8 56.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 29.810 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

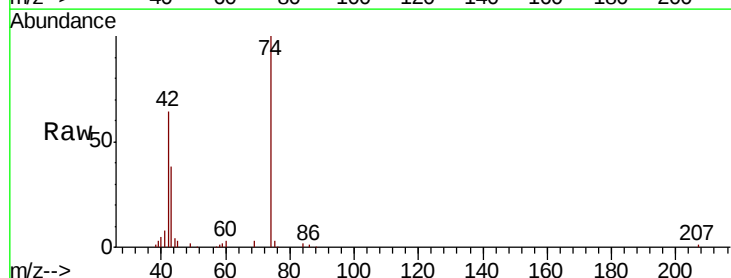
Tgt Ion: 42 Resp: 50931

Ion Ratio Lower Upper

42 100

74 156.8 97.4 146.2#

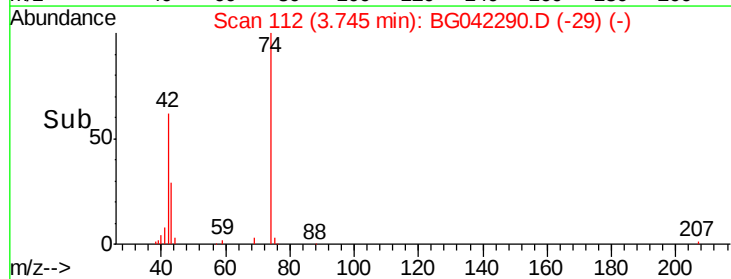
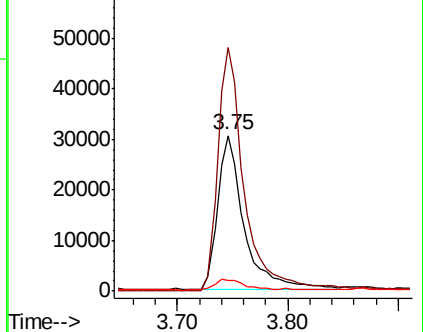
44 6.9 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 131.823 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.02 min

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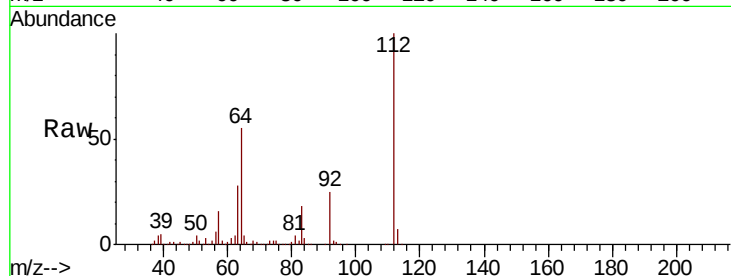
Tgt Ion: 112 Resp: 440175

Ion Ratio Lower Upper

112 100

64 55.4 55.4 83.2#

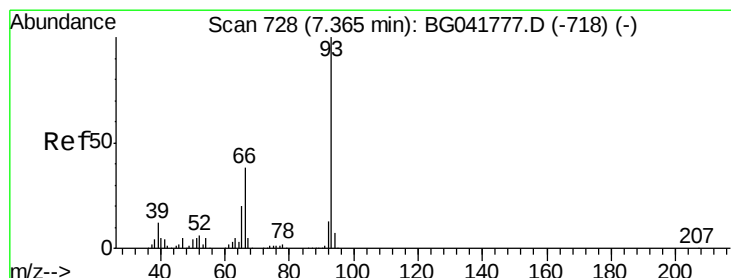
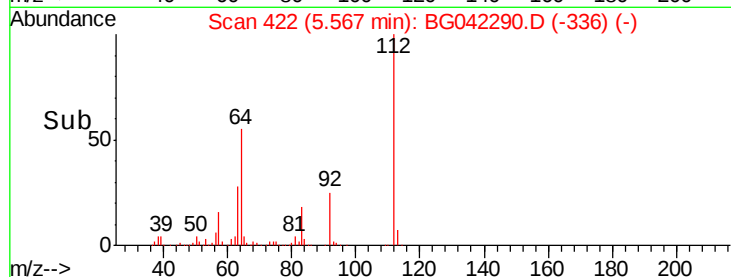
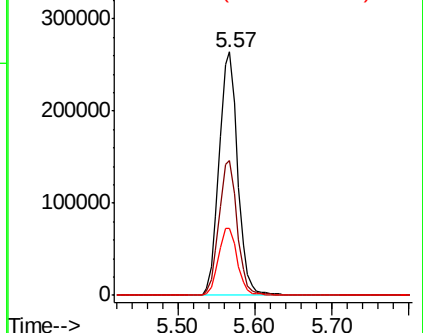
63 27.8 29.1 43.7#



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: 9.901 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

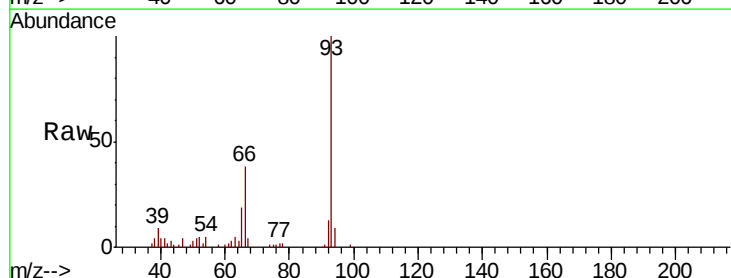
Tgt Ion: 93 Resp: 62762

Ion Ratio Lower Upper

93 100

66 38.0 34.2 51.2

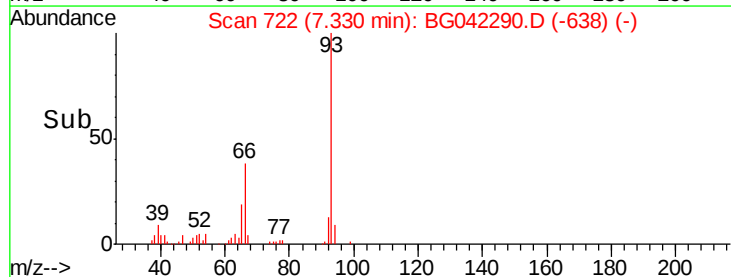
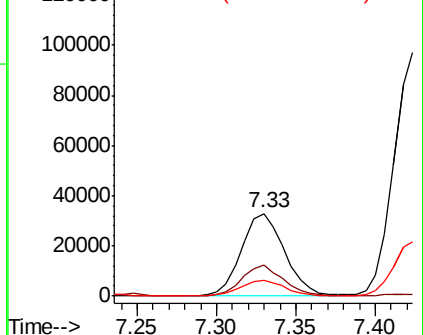
65 18.9 18.2 27.2



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: 126.174 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

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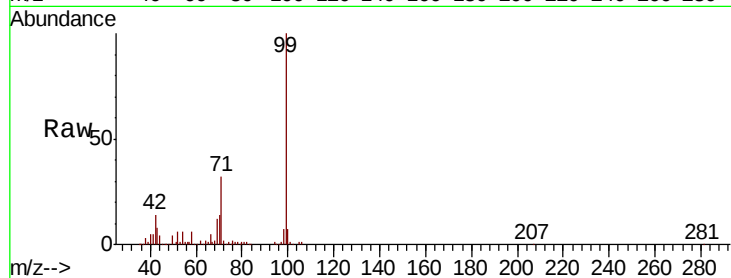
Tgt Ion: 99 Resp: 567999

Ion Ratio Lower Upper

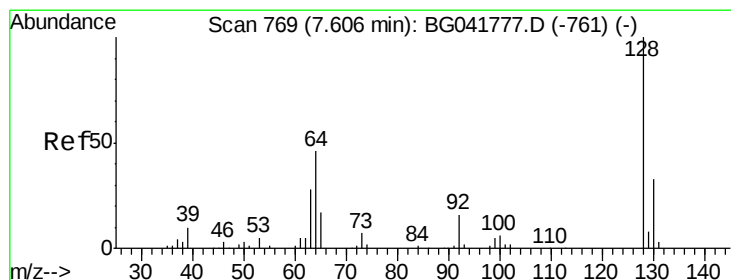
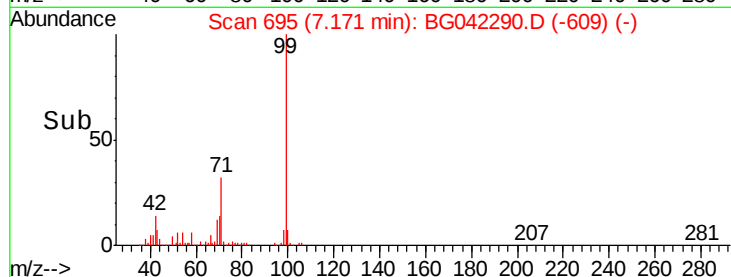
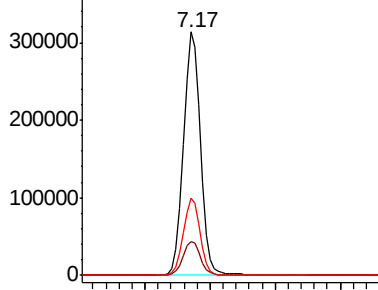
99 100

42 14.0 17.6 26.4#

71 31.9 27.8 41.6



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



#8

2-Chlorophenol

Concen: 48.571 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.03 min

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Acq: 17 Aug 2019 14:49

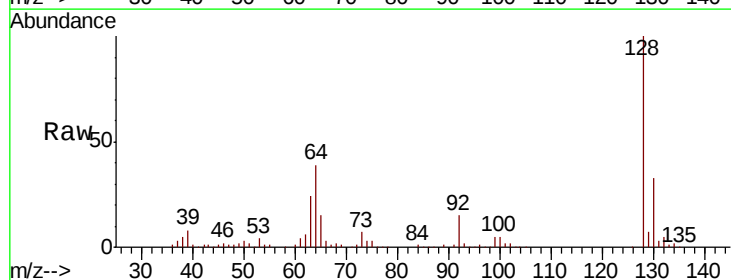
Tgt Ion: 128 Resp: 185715

Ion Ratio Lower Upper

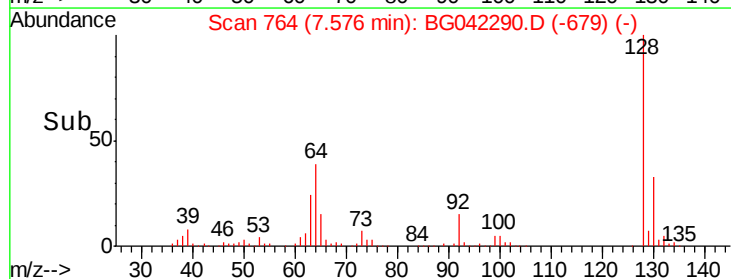
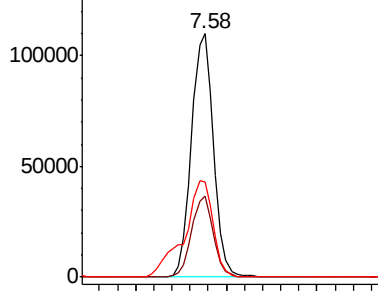
128 100

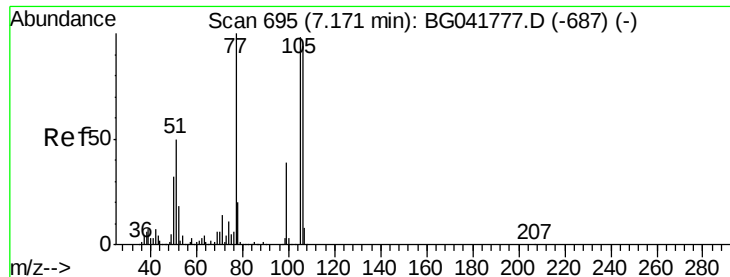
130 33.2 12.4 52.4

64 39.2 34.9 74.9



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





#9

Benzaldehyde

Concen: 21.039 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.04 min

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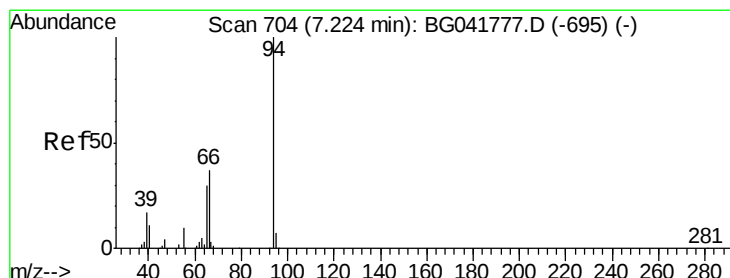
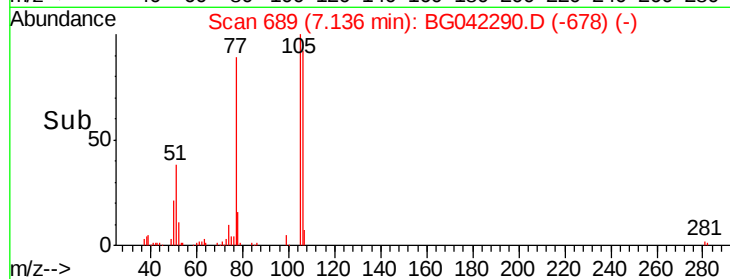
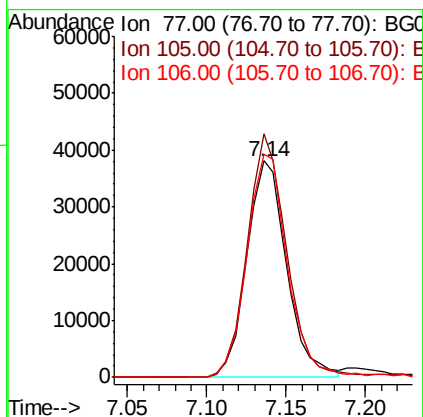
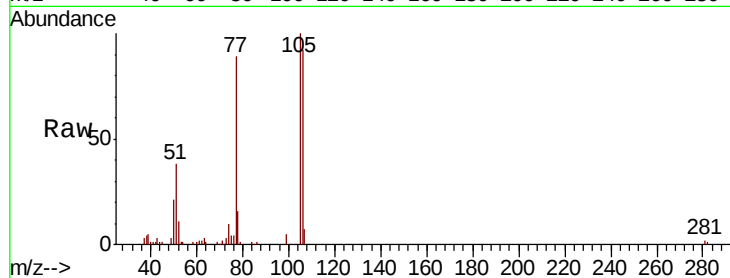
Tgt Ion: 77 Resp: 66642

Ion Ratio Lower Upper

77 100

105 112.4 74.6 114.6

106 103.3 71.1 111.1



#10

Phenol

Concen: 39.595 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

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Acq: 17 Aug 2019 14:49

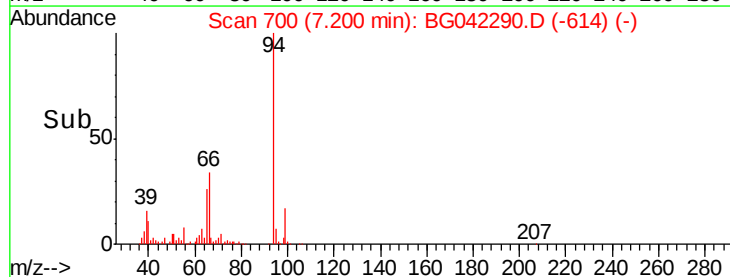
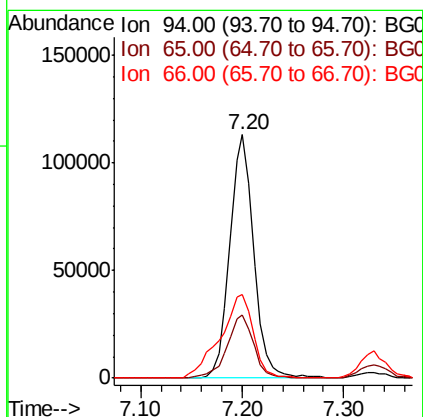
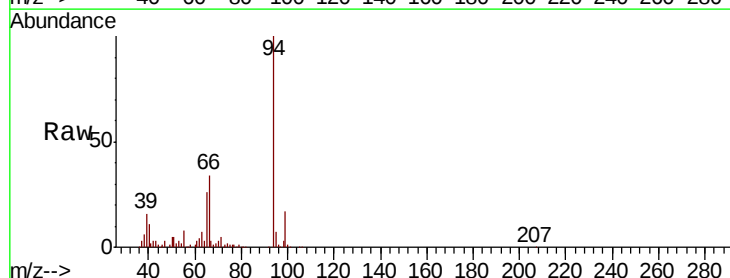
Tgt Ion: 94 Resp: 185437

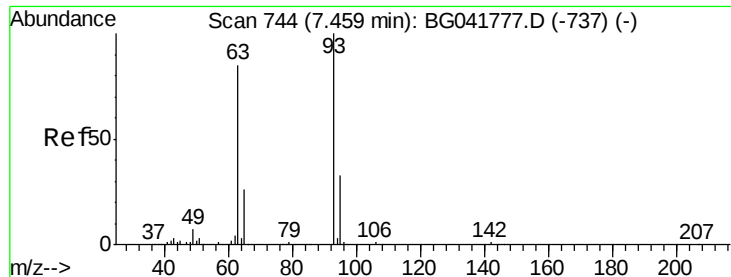
Ion Ratio Lower Upper

94 100

65 26.1 10.6 50.6

66 34.2 18.2 58.2

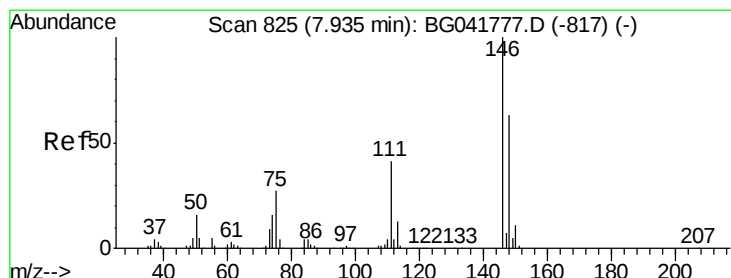
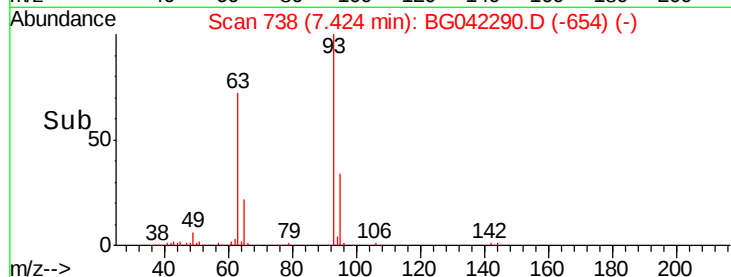
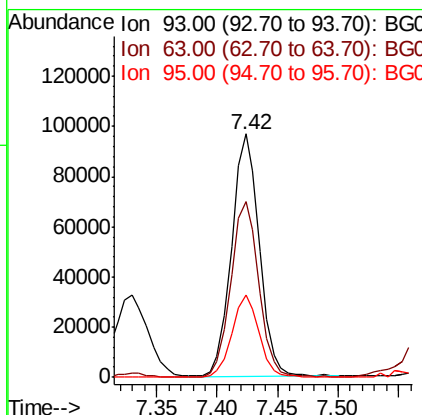
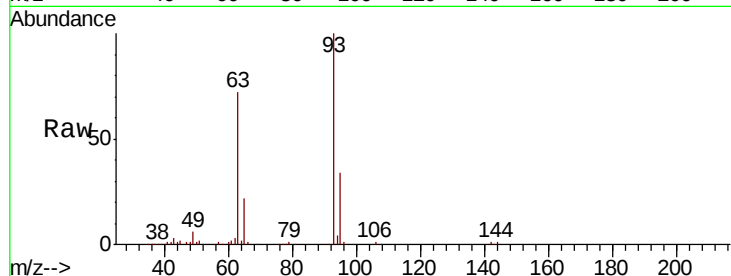




#11
 bis(2-Chloroethyl)ether
 Concen: 40.182 ng
 RT: 7.42 min Scan# 738
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

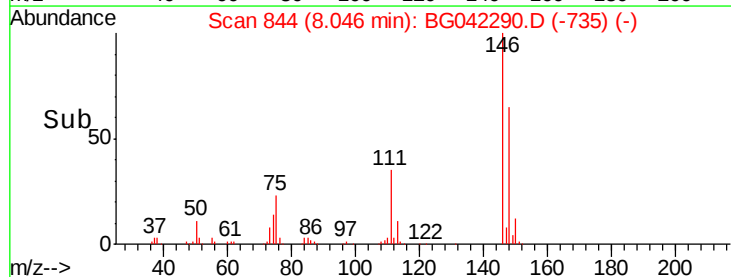
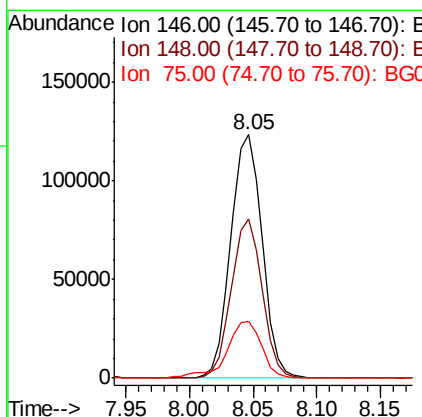
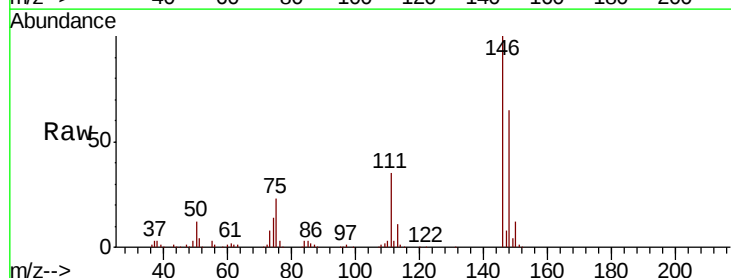
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

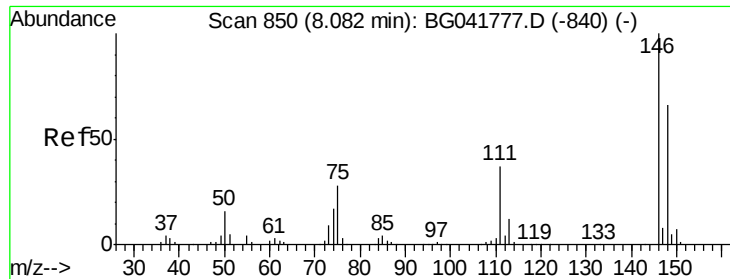
Tgt Ion: 93 Resp: 154709
 Ion Ratio Lower Upper
 93 100
 63 72.3 70.4 110.4
 95 33.8 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 42.320 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.11 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Tgt Ion: 146 Resp: 211194
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.5 77.3
 75 23.3 23.2 34.8

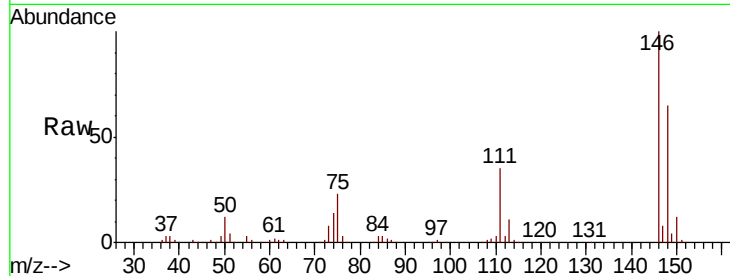




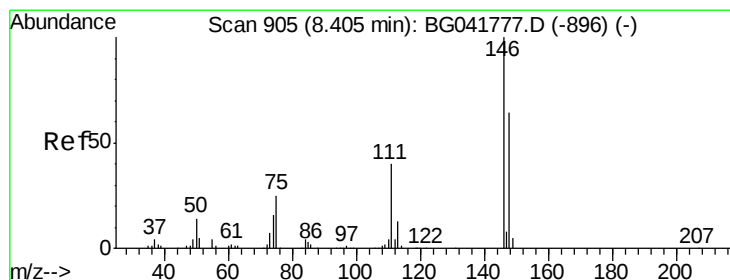
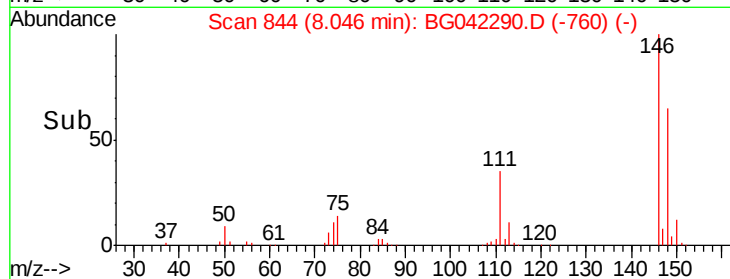
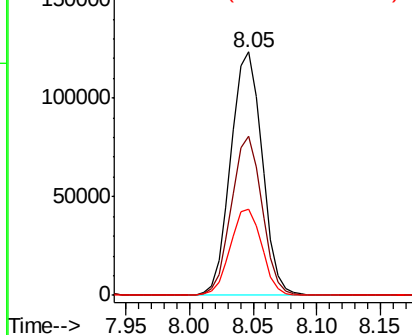
#13
 1,4-Dichlorobenzene
 Concen: 42.294 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

Tgt Ion:146 Resp: 211194
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.6 79.0
 111 35.4 32.5 48.7

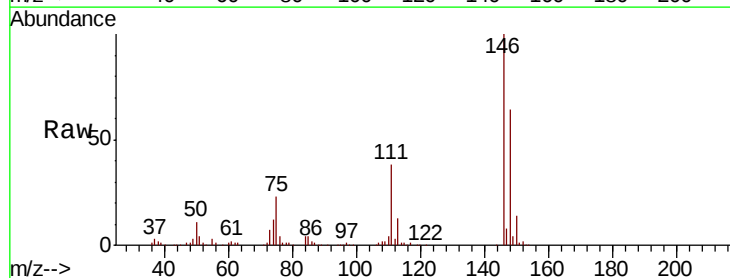


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

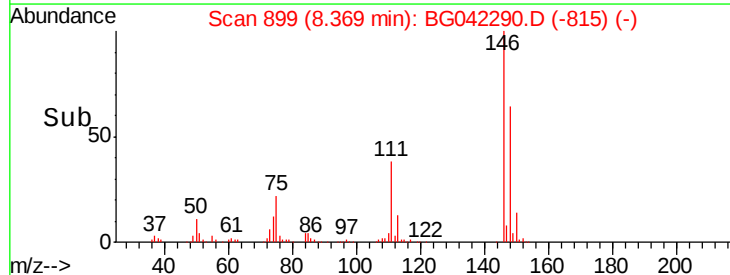
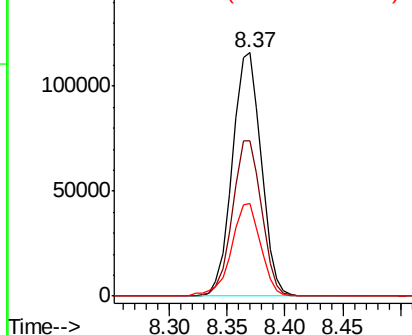


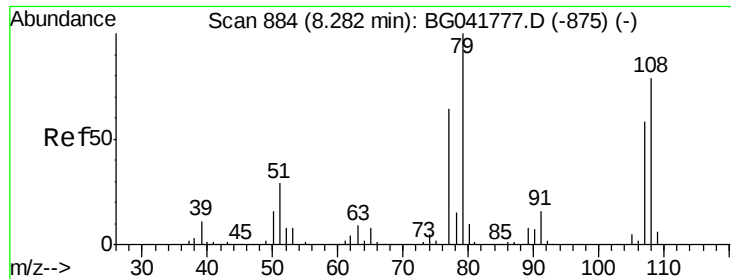
#14
 1,2-Dichlorobenzene
 Concen: 42.125 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Tgt Ion:146 Resp: 200716
 Ion Ratio Lower Upper
 146 100
 148 63.7 53.5 80.3
 111 38.1 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 39.463 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

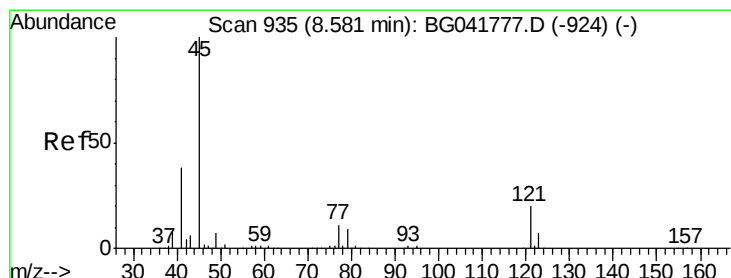
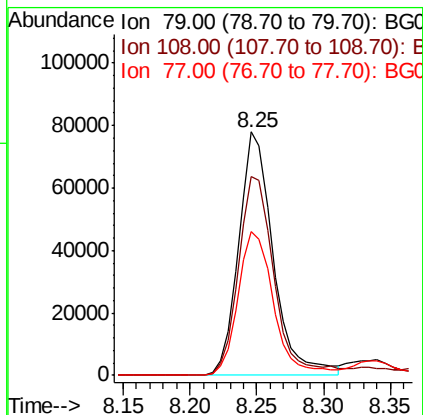
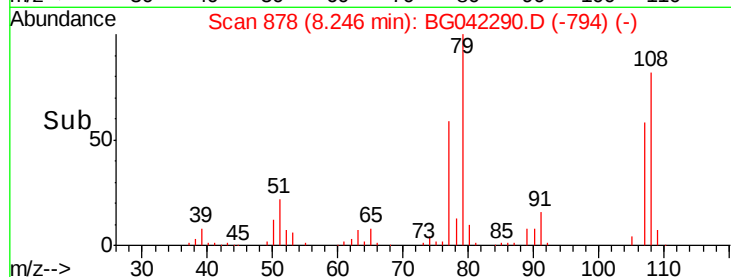
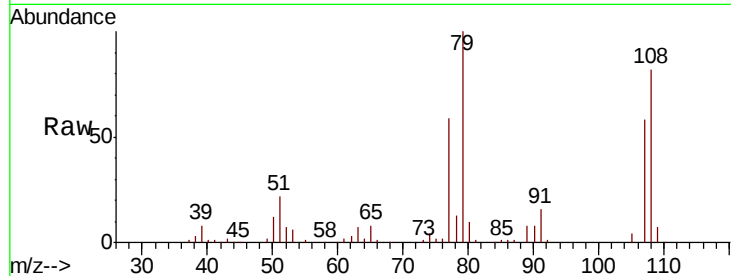
Tgt Ion: 79 Resp: 139764

Ion Ratio Lower Upper

79 100

108 81.9 60.5 90.7

77 59.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.592 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

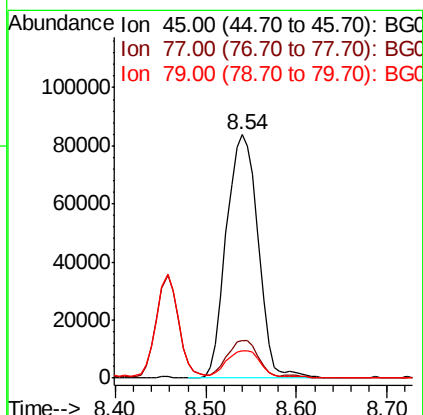
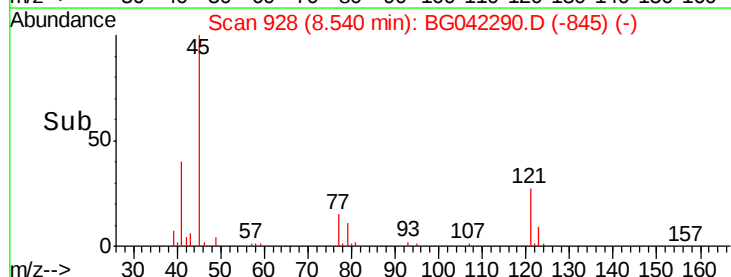
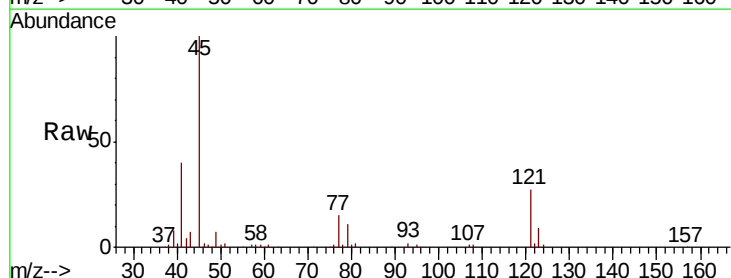
Tgt Ion: 45 Resp: 202698

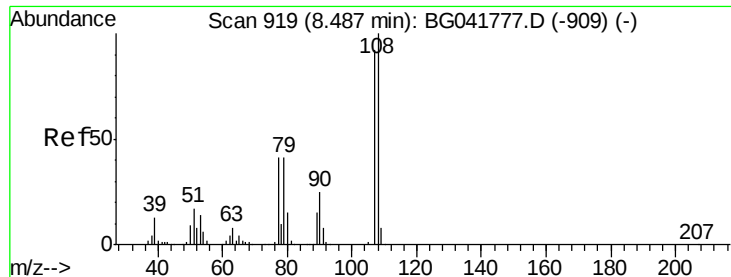
Ion Ratio Lower Upper

45 100

77 15.2 0.0 30.4

79 11.1 0.0 27.9





#17

2-Methylphenol

Concen: 43.794 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

Tgt Ion:107 Resp: 149163

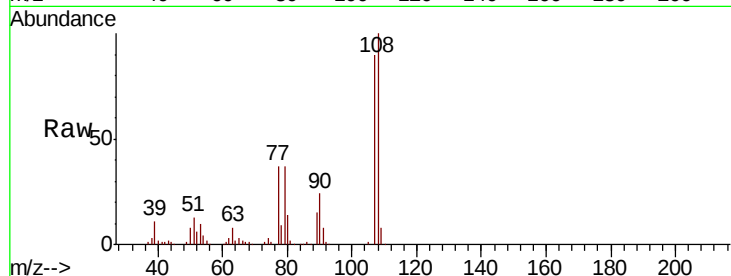
Ion Ratio Lower Upper

107 100

108 111.5 87.6 131.4

77 41.2 36.1 54.1

79 41.6 36.4 54.6

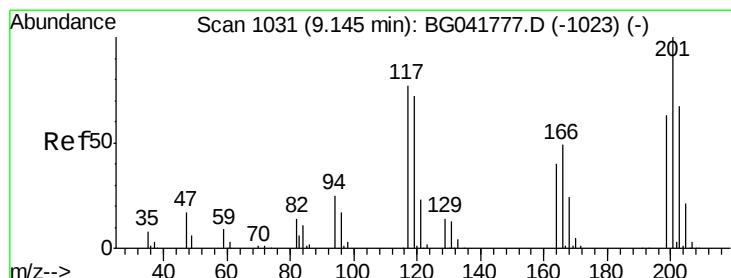
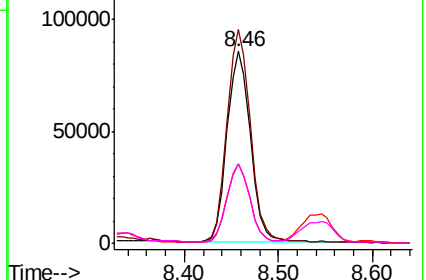
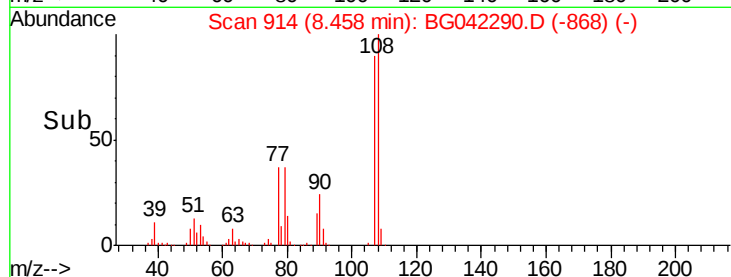


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 41.764 ng

RT: 9.10 min Scan# 1023

Delta R.T. -0.05 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

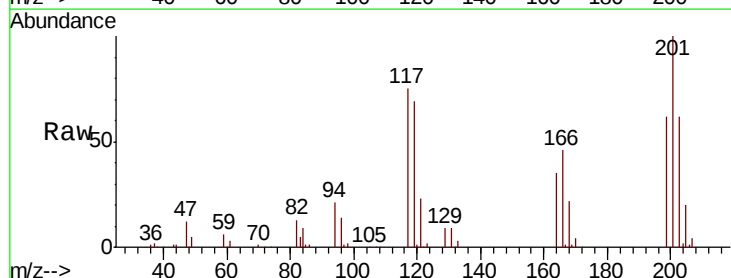
Tgt Ion:117 Resp: 71416

Ion Ratio Lower Upper

117 100

119 92.5 76.2 114.2

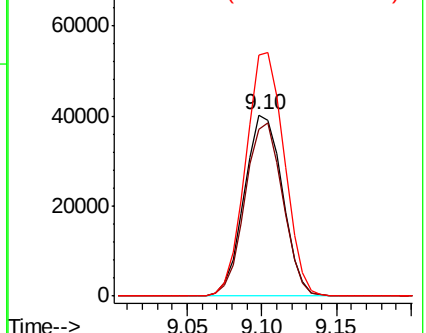
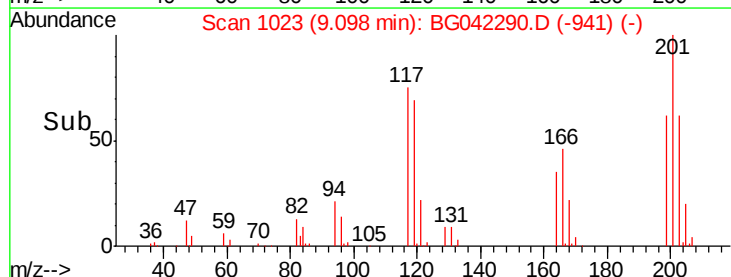
201 133.4 94.1 141.1

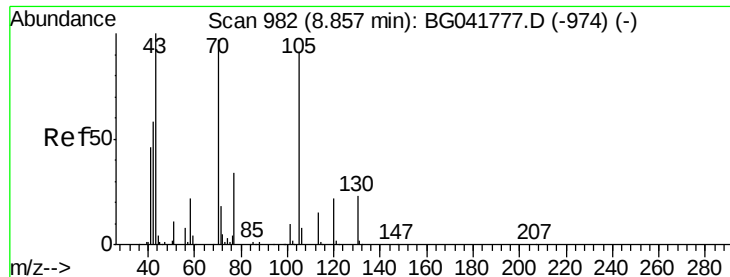


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

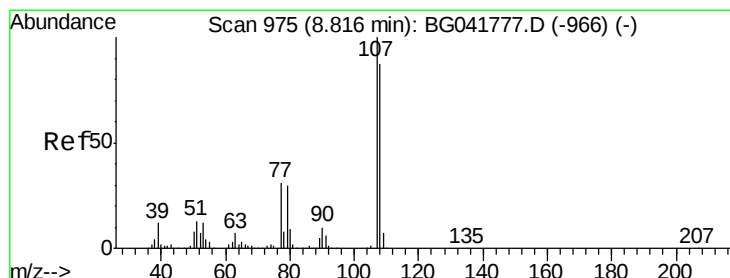
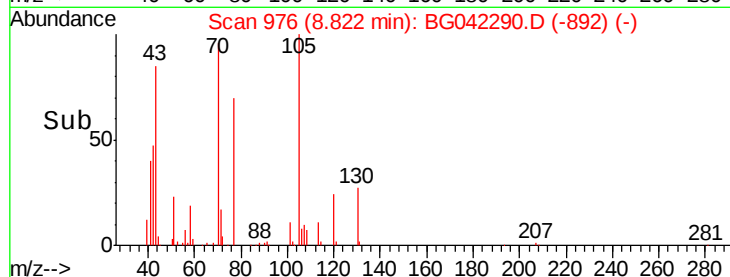
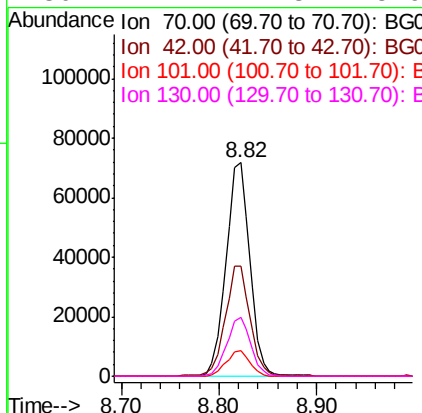
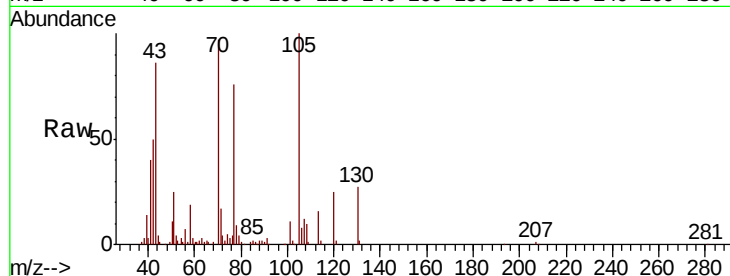




#19
n-Nitroso-di-n-propylamine
Concen: 37.192 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

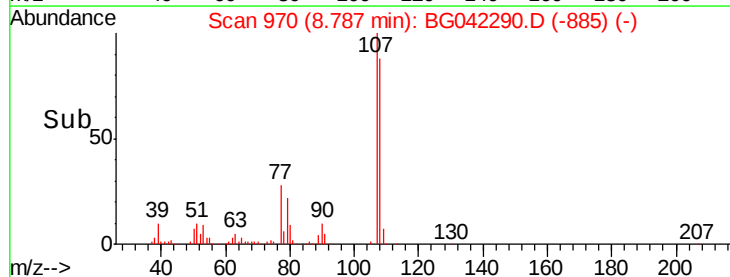
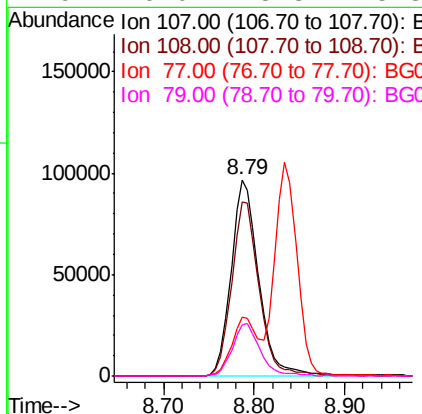
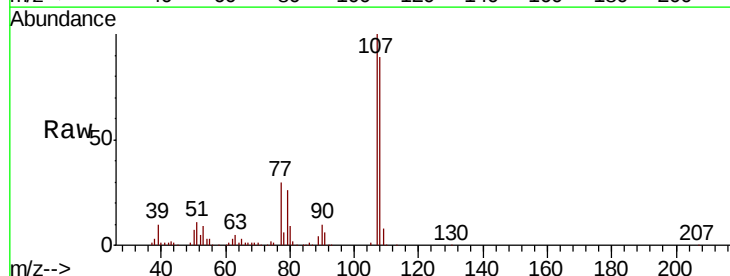
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

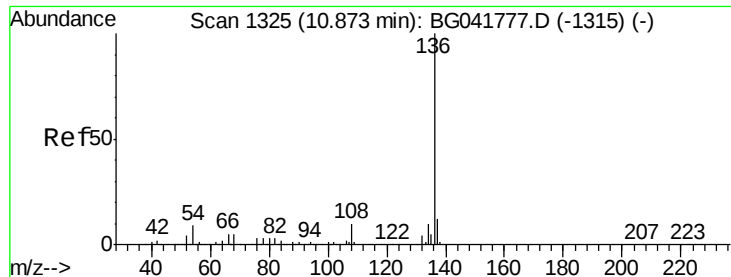
Tgt Ion:	70	Resp:	121555
Ion	Ratio	Lower	Upper
70	100		
42	51.4	55.8	83.6#
101	11.8	8.1	12.1
130	27.7	17.3	25.9#



#20
3+4-Methylphenols
Concen: 43.751 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.03 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion:	107	Resp:	203920
Ion	Ratio	Lower	Upper
107	100		
108	88.9	67.5	107.5
77	29.7	12.3	52.3
79	26.0	8.3	48.3

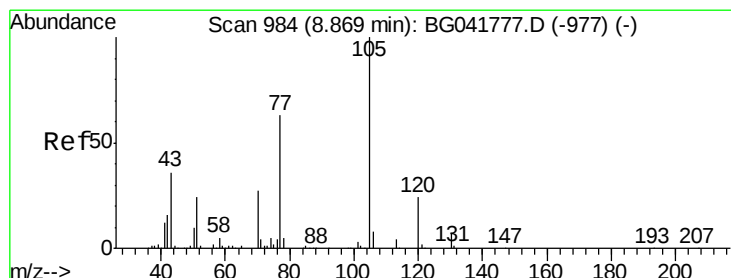
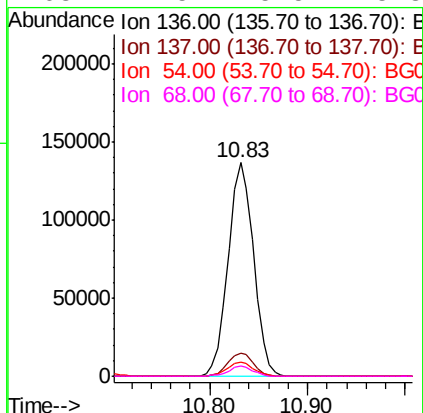
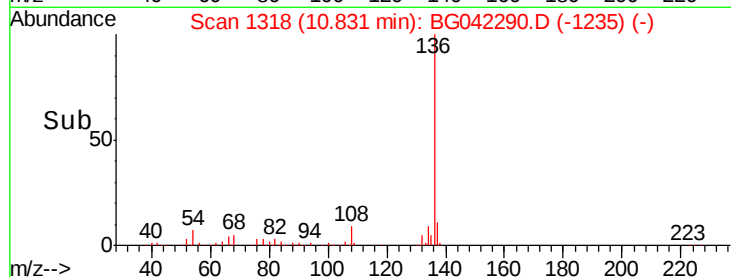
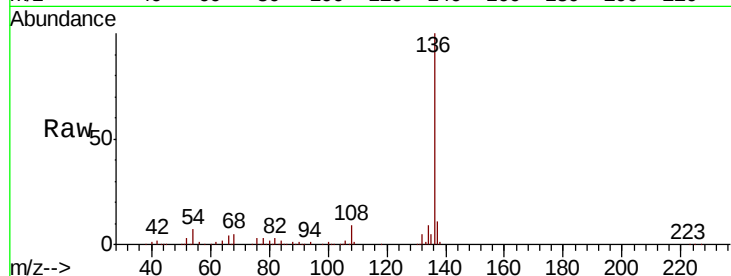




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

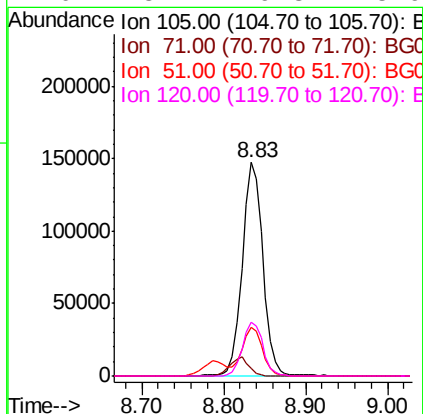
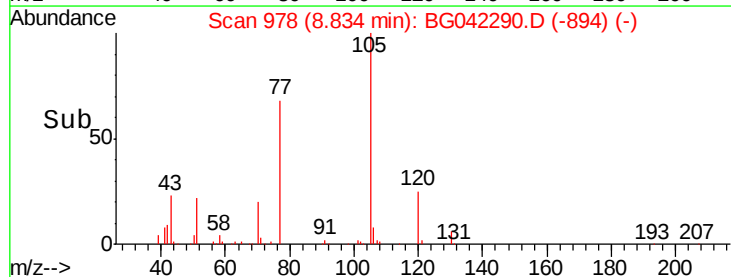
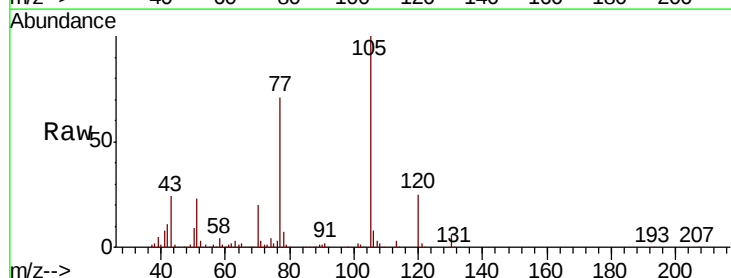
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

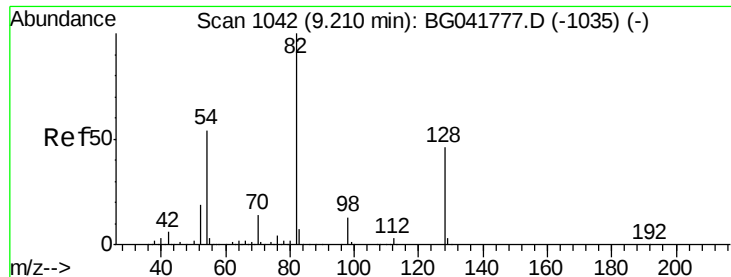
Tgt Ion:	136	Resp:	246921
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.8	8.7	13.1#
68	4.5	5.5	8.3#



#22
Acetophenone
Concen: 47.040 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion:	105	Resp:	259805
Ion	Ratio	Lower	Upper
105	100		
71	3.5	5.9	8.9#
51	23.0	27.7	41.5#
120	25.2	19.3	28.9

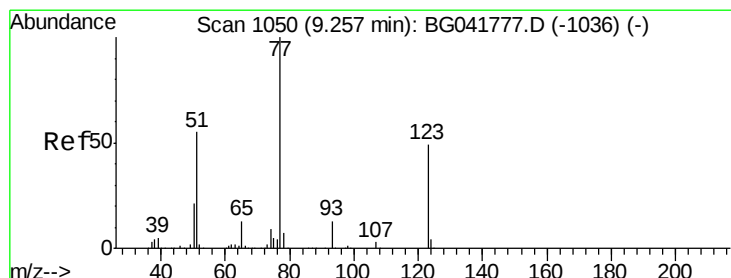
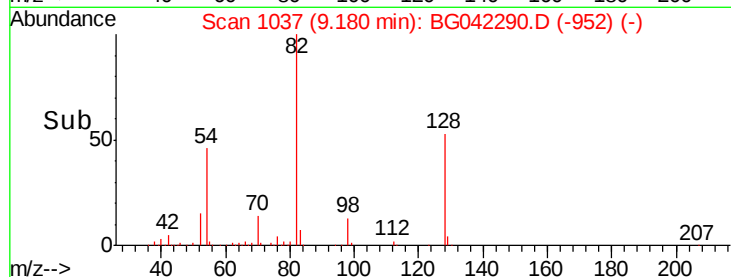
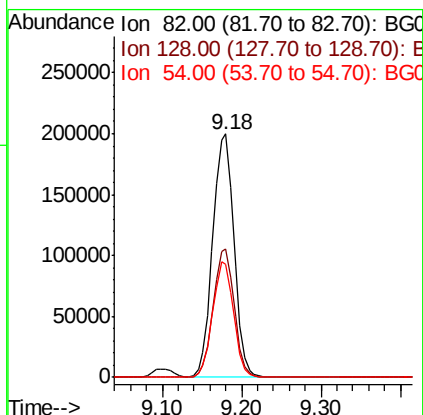
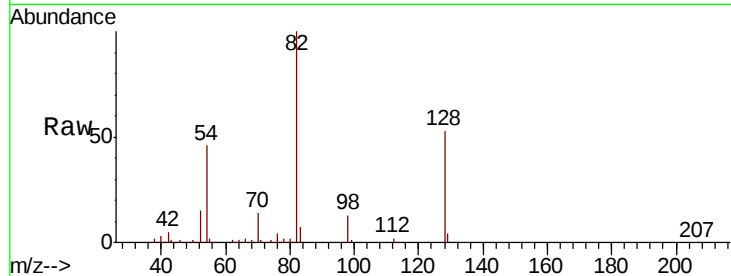




#23
 Nitrobenzene-d5
 Concen: 103.868 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

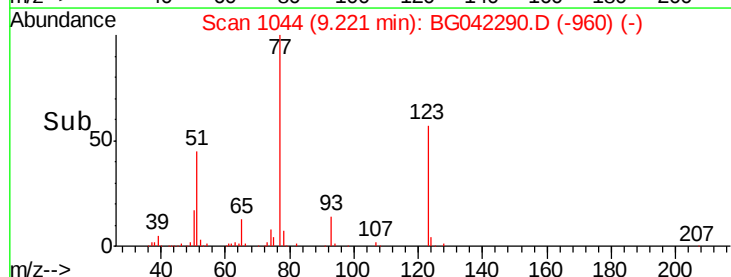
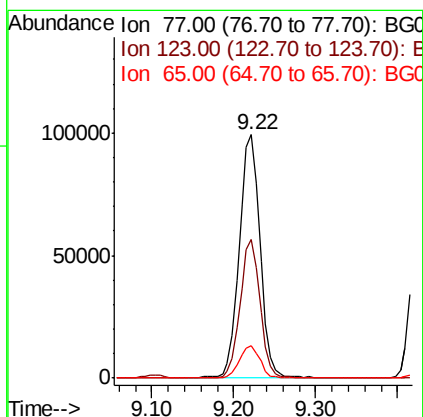
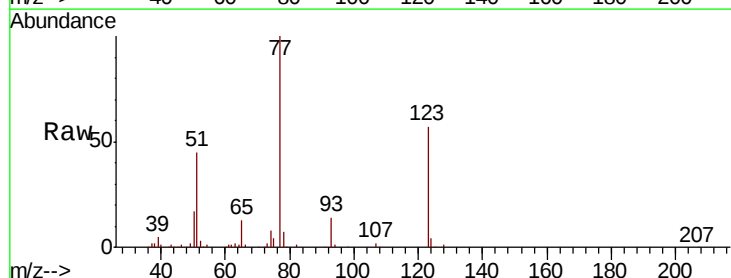
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

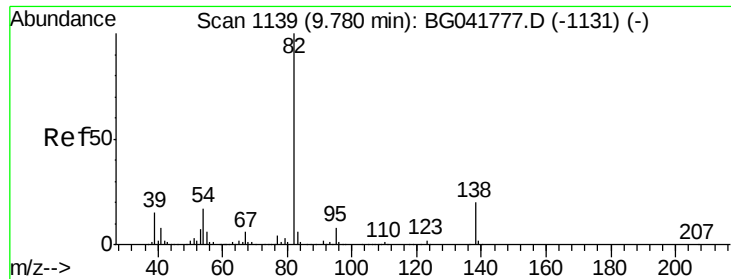
Tgt Ion: 82 Resp: 372691
 Ion Ratio Lower Upper
 82 100
 128 52.5 35.1 52.7
 54 46.3 48.7 73.1#



#24
 Nitrobenzene
 Concen: 46.684 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Tgt Ion: 77 Resp: 176472
 Ion Ratio Lower Upper
 77 100
 123 57.1 38.1 57.1
 65 13.2 11.0 16.6

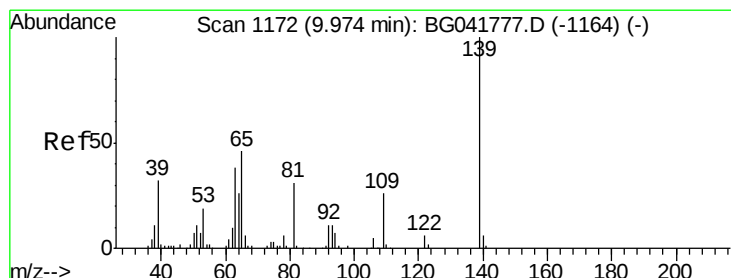
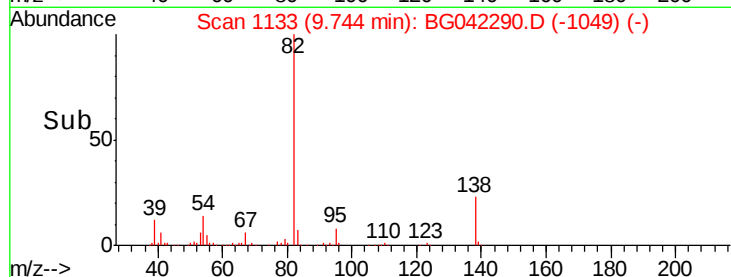
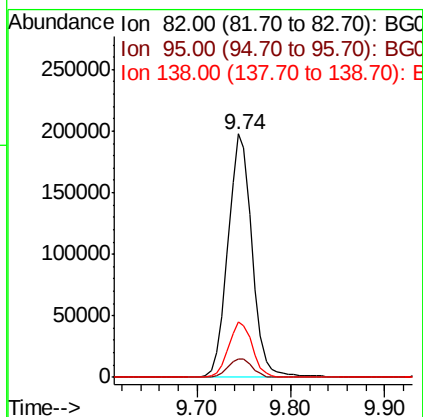
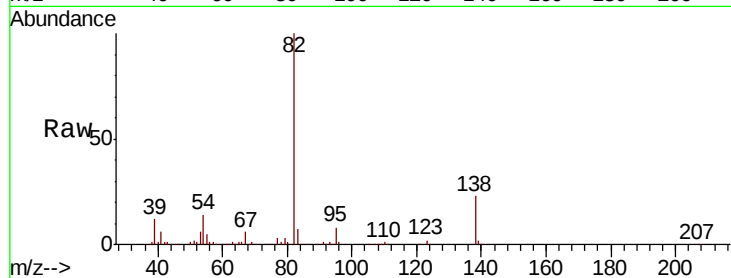




#25
Isophorone
Concen: 44.917 ng
RT: 9.74 min Scan# 1133
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

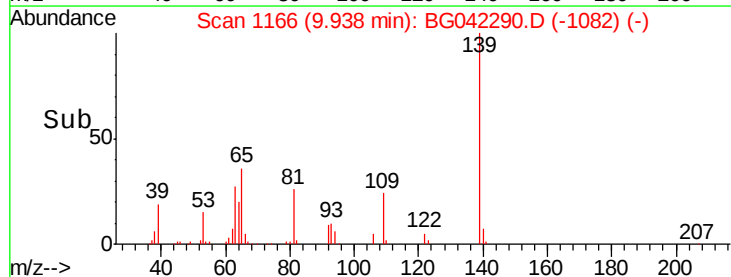
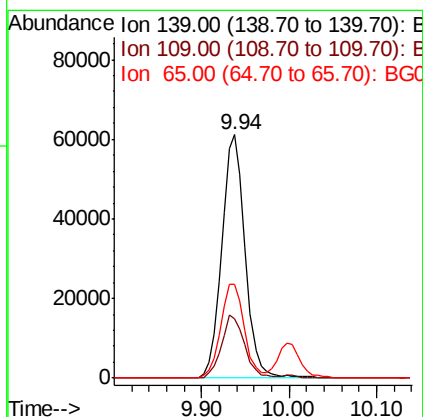
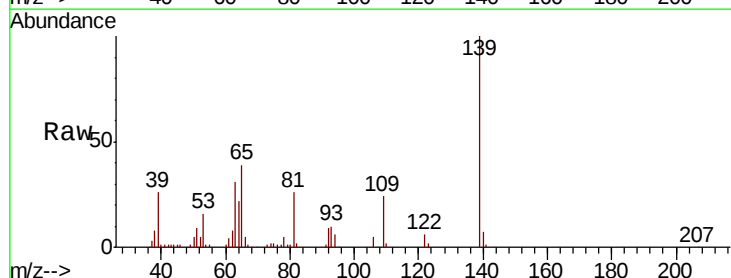
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

Tgt Ion: 82 Resp: 350597
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 22.7 16.3 24.5



#26
2-Nitrophenol
Concen: 63.935 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion: 139 Resp: 112166
Ion Ratio Lower Upper
139 100
109 24.4 22.7 34.1
65 38.6 41.1 61.7#

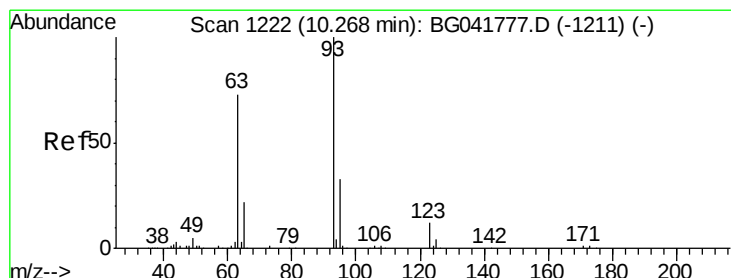
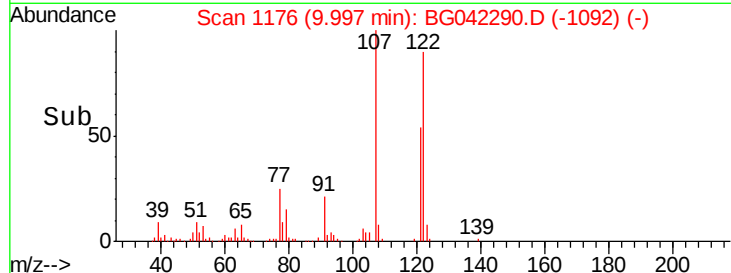
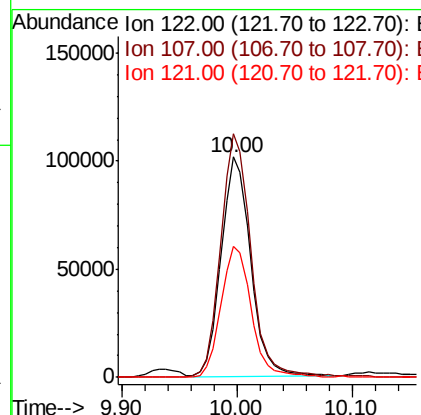
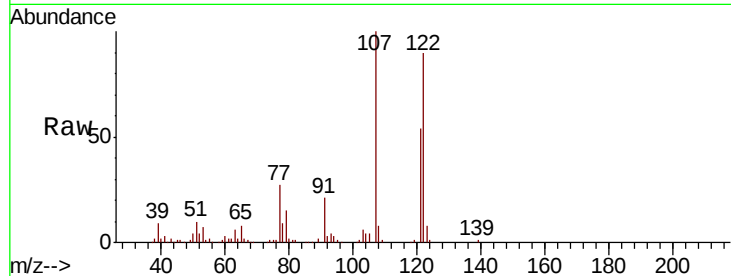




#27
 2,4-Dimethylphenol
 Concen: 58.244 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

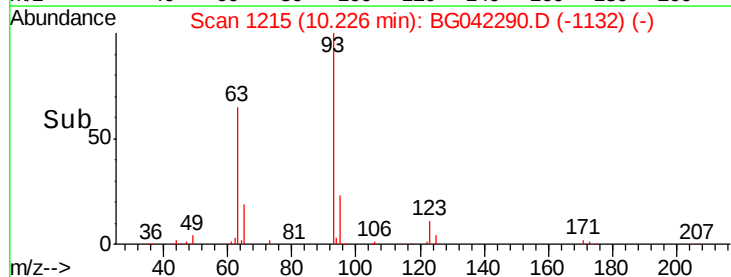
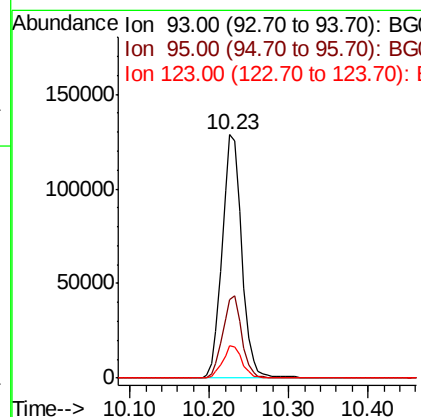
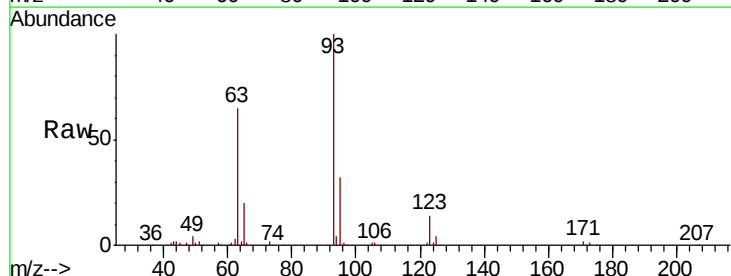
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

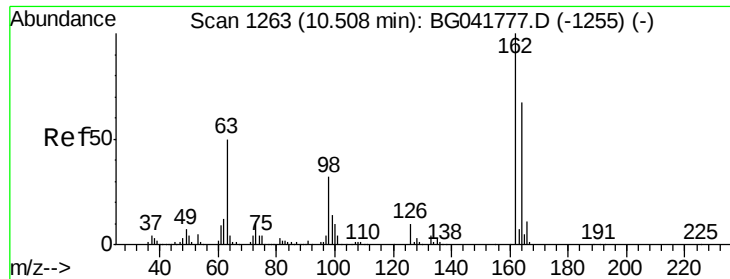
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.5	91.3	136.9
121	59.6	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.211 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.4
123	13.5	9.9	14.9

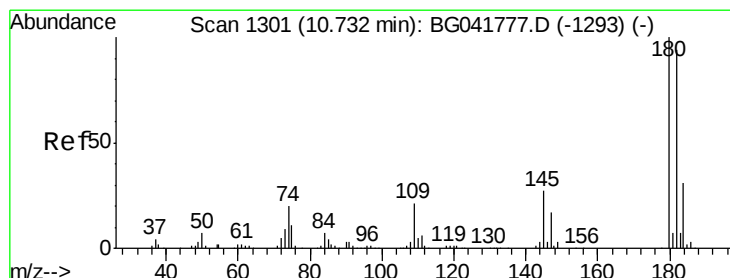
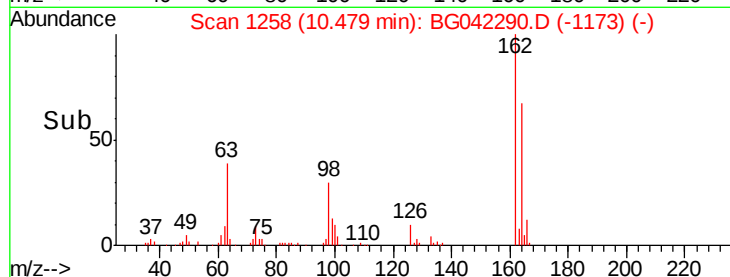
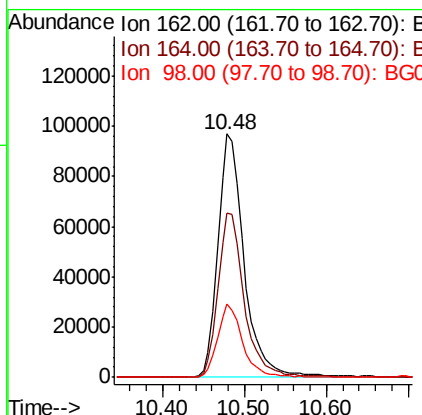
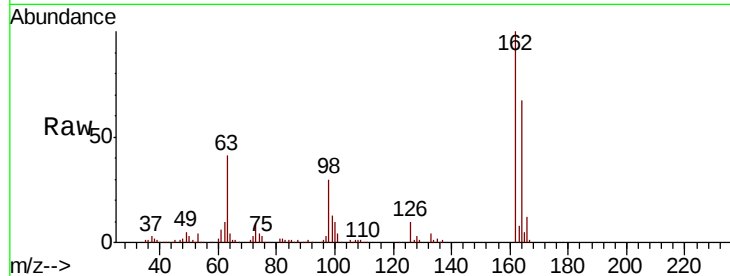




#29
2,4-Dichlorophenol
Concen: 57.116 ng
RT: 10.48 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

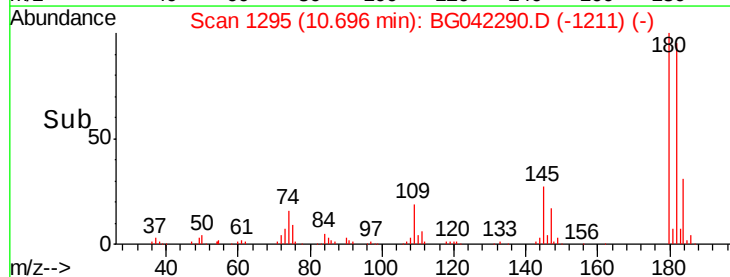
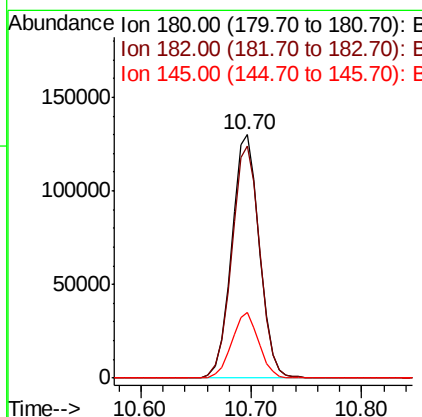
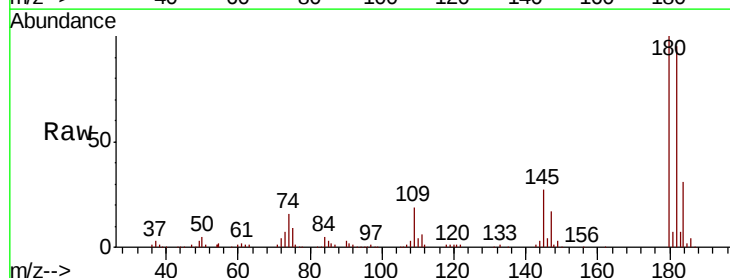
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

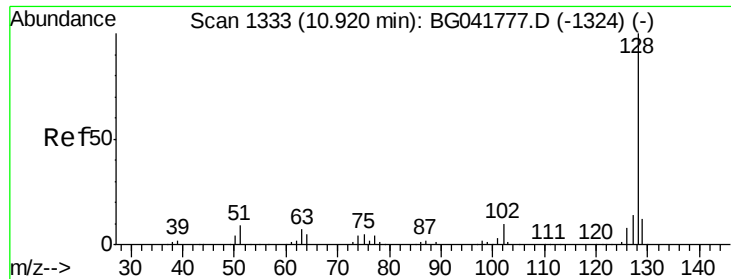
Tgt Ion:162 Resp: 215368
Ion Ratio Lower Upper
162 100
164 67.4 46.1 86.1
98 30.0 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 47.712 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion:180 Resp: 228141
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 26.7 23.8 35.8

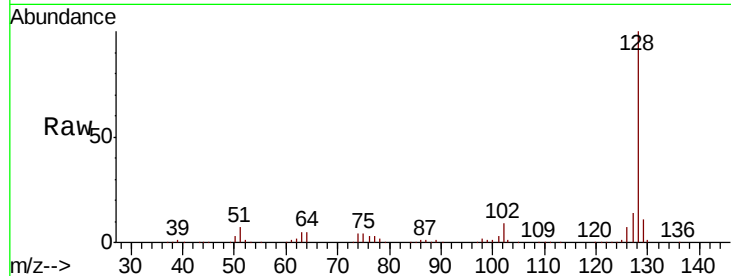




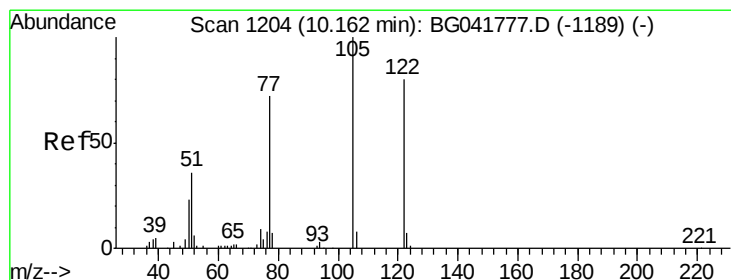
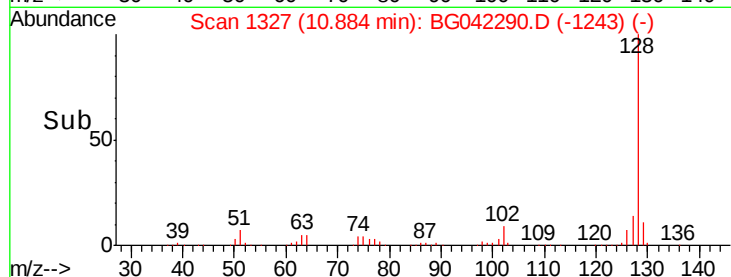
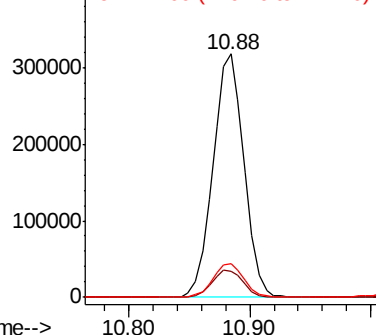
#31
Naphthalene
Concen: 49.971 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

Tgt Ion:128 Resp: 564720
Ion Ratio Lower Upper
128 100
129 10.8 10.0 15.0
127 13.9 12.3 18.5

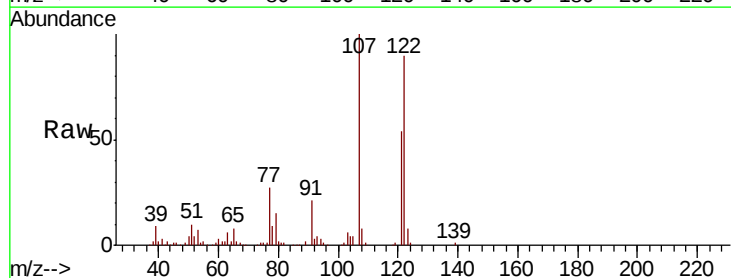


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

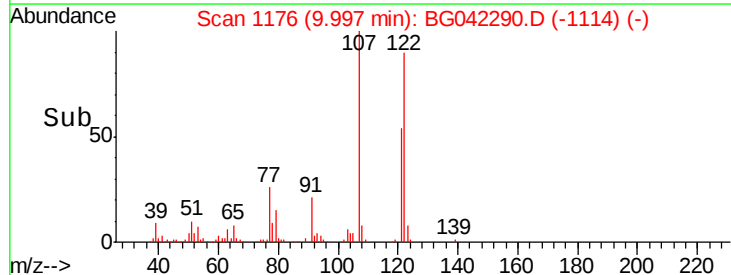
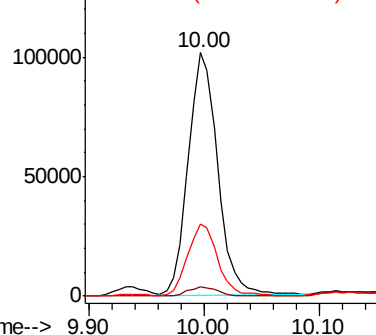


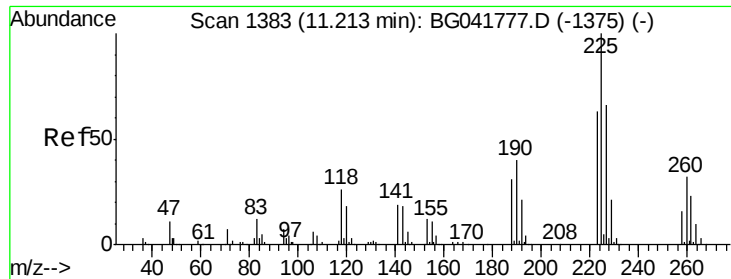
#32
Benzoic acid
Concen: 75.433 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.16 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion:122 Resp: 180346
Ion Ratio Lower Upper
122 100
105 3.9 101.5 141.5#
77 29.4 73.0 113.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

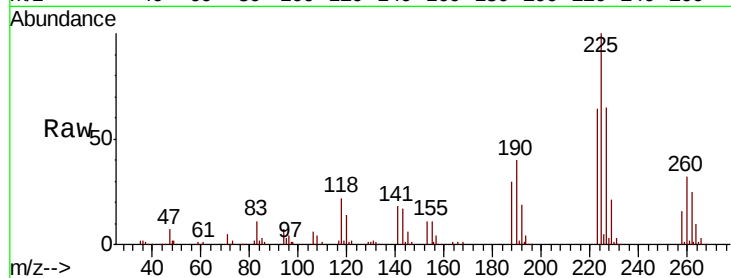




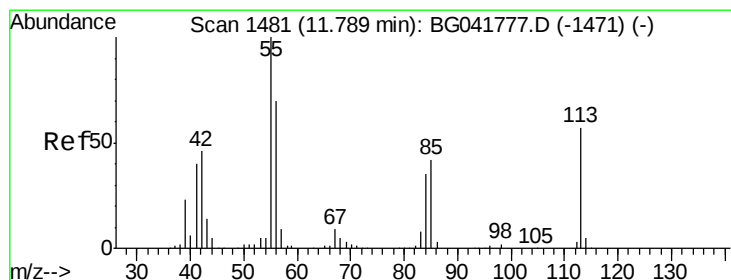
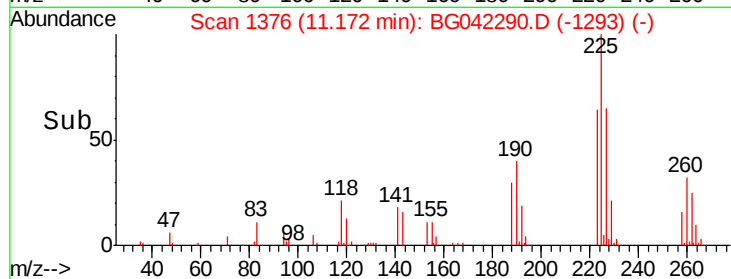
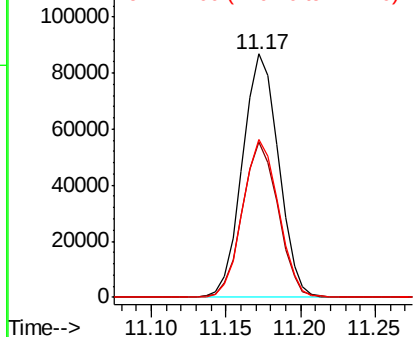
#34
Hexachlorobutadiene
Concen: 45.122 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

Tgt Ion: 225 Resp: 145617
Ion Ratio Lower Upper
225 100
223 63.8 51.1 76.7
227 64.6 50.9 76.3

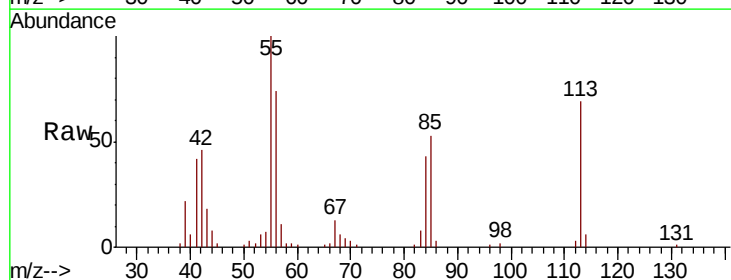


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

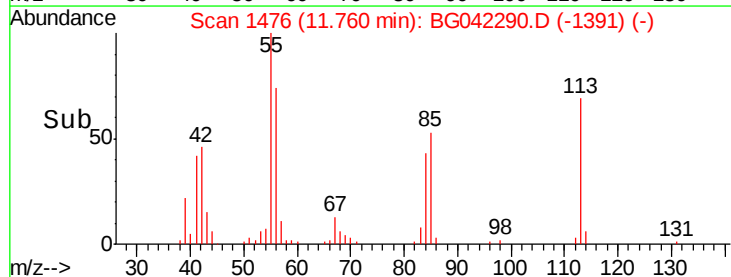
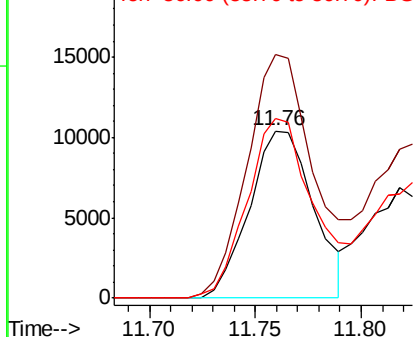


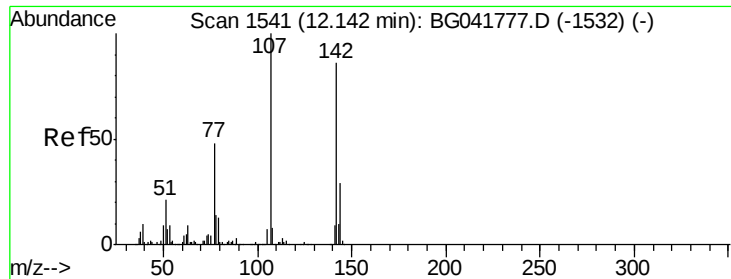
#35
Caprolactam
Concen: 16.759 ng
RT: 11.76 min Scan# 1476
Delta R.T. -0.03 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion: 113 Resp: 21962
Ion Ratio Lower Upper
113 100
55 146.0 199.4 239.4#
56 108.0 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

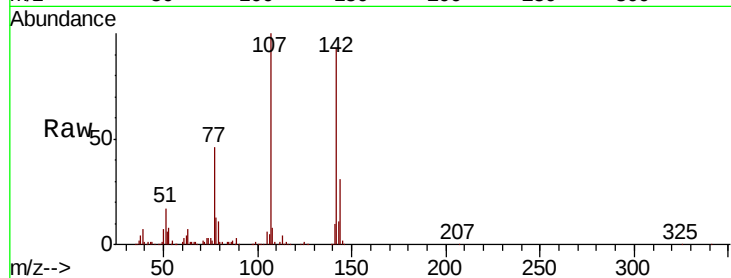




#36
 4-Chloro-3-methylphenol
 Concen: 55.219 ng
 RT: 12.12 min Scan# 1538
 Delta R.T. -0.02 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

Tgt Ion	Resp	Lower	Upper
107	100		
144	31.2	22.2	33.2
142	92.6	67.3	100.9

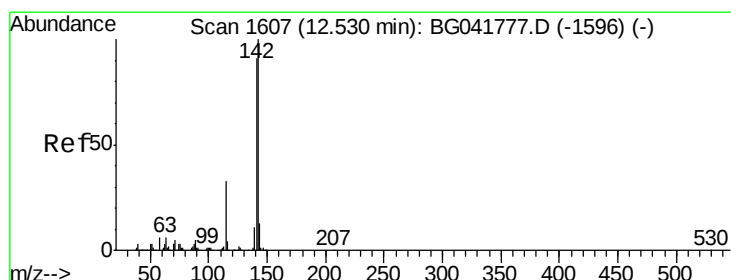
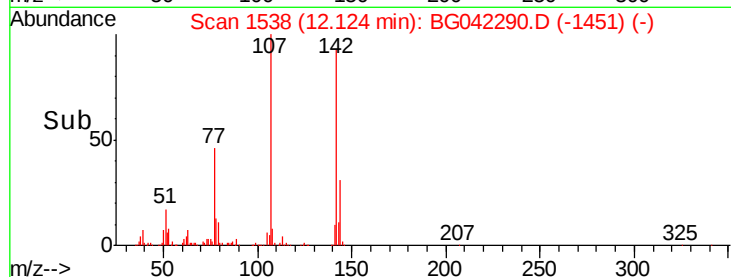
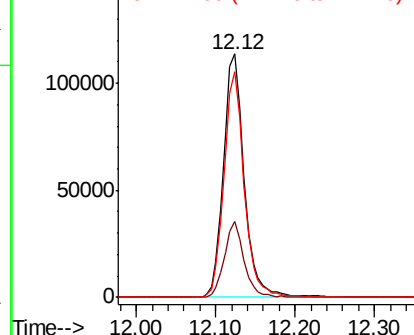


Abundance

Ion 107.00 (106.70 to 107.70): E

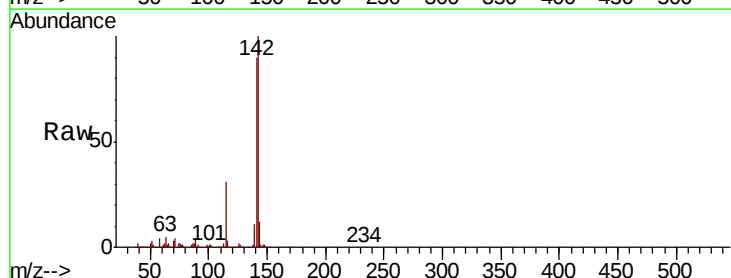
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 51.152 ng
 RT: 12.49 min Scan# 1601
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Tgt Ion	Resp	Lower	Upper
142	100		
141	89.6	72.7	109.1
115	30.8	27.0	40.4

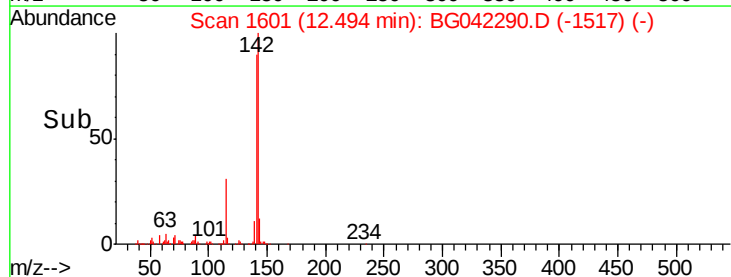
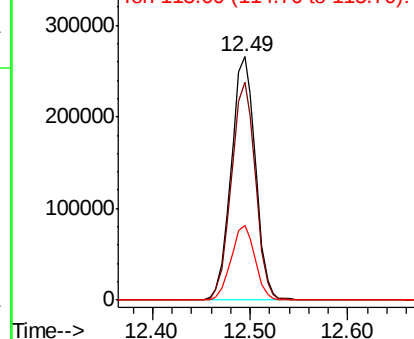


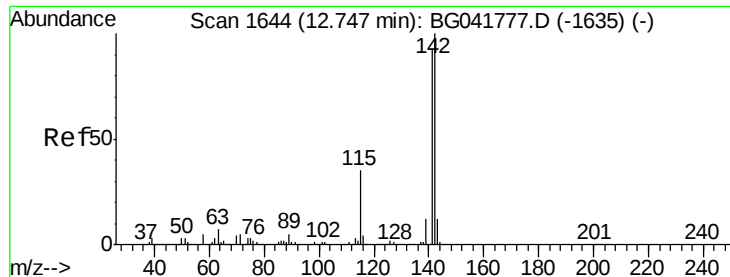
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

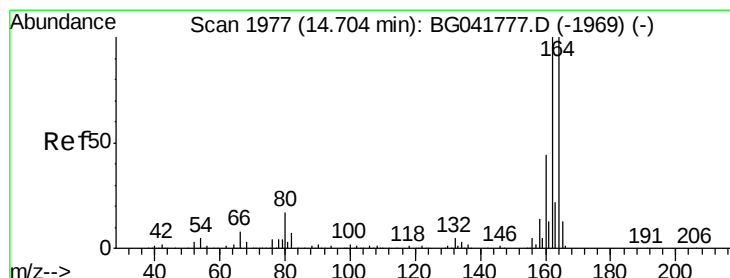
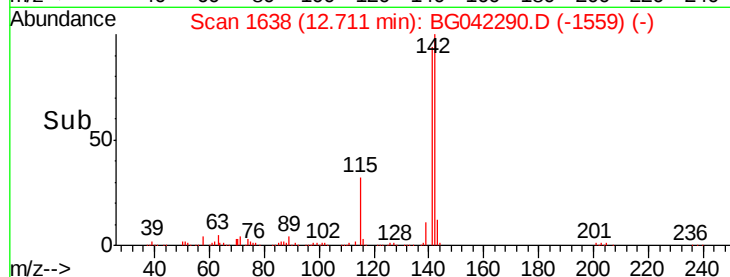
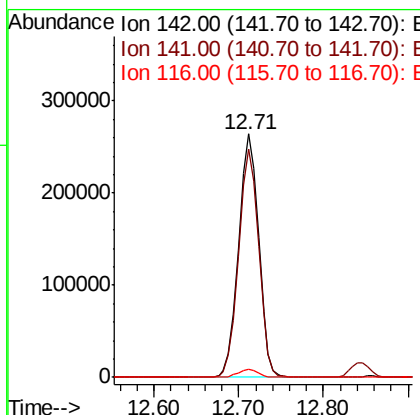
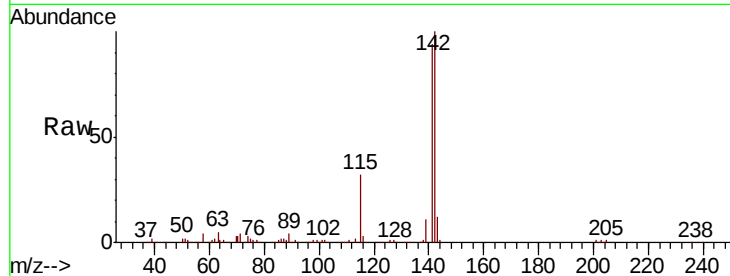




#38
1-Methylnaphthalene
Concen: 50.508 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

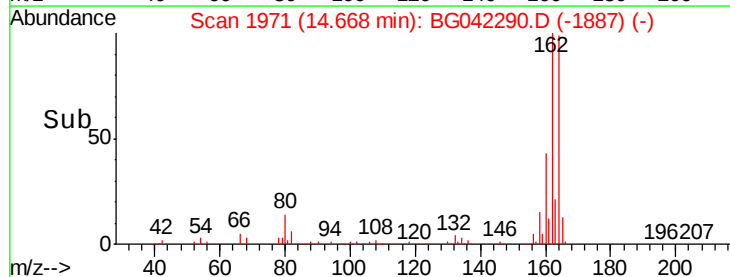
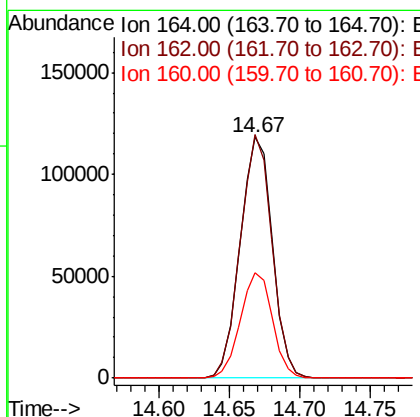
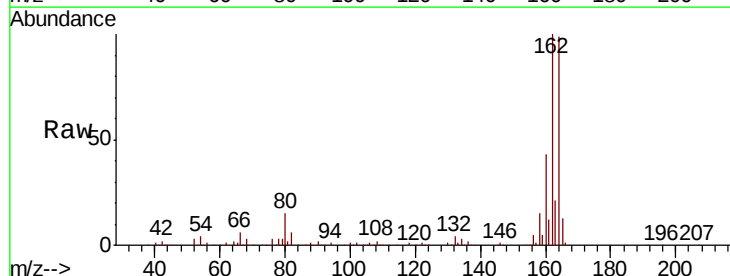
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

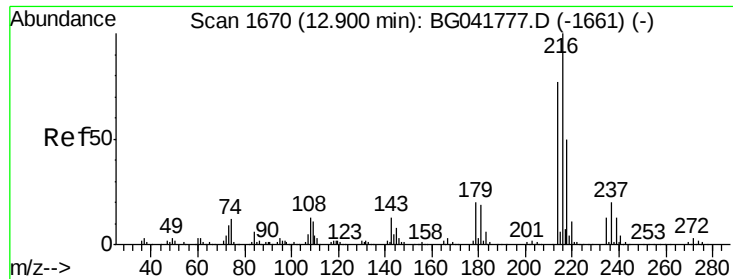
Tgt Ion:142 Resp: 428152
Ion Ratio Lower Upper
142 100
141 93.7 75.4 113.2
116 3.4 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion:164 Resp: 188395
Ion Ratio Lower Upper
164 100
162 101.1 79.6 119.4
160 43.5 35.4 53.0





#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.675 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

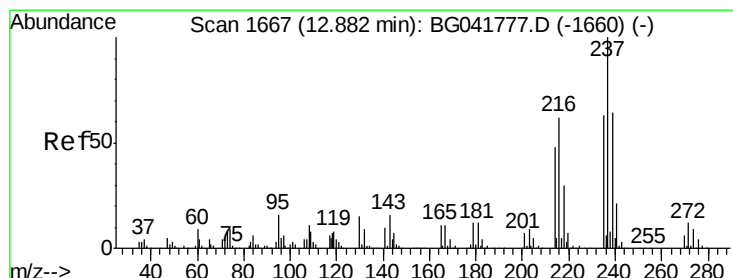
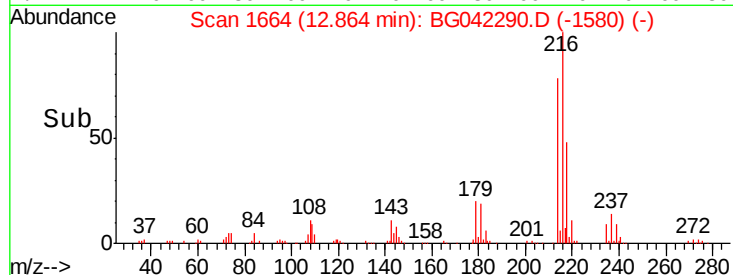
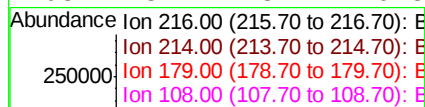
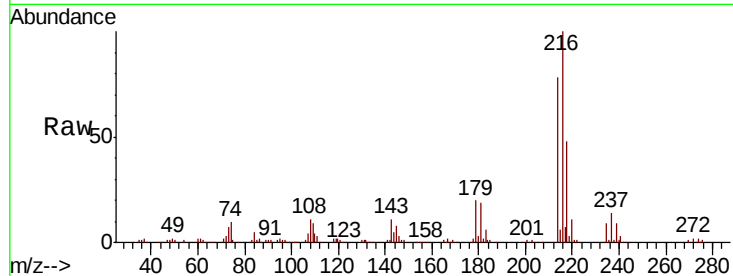
Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

Tgt Ion:	216	Resp:	278347
Ion Ratio	Lower	Upper	
216	100		
214	77.3	61.5	92.3
179	19.4	16.2	24.2
108	13.1	13.2	19.8#



#41

Hexachlorocyclopentadiene

Concen: 81.089 ng

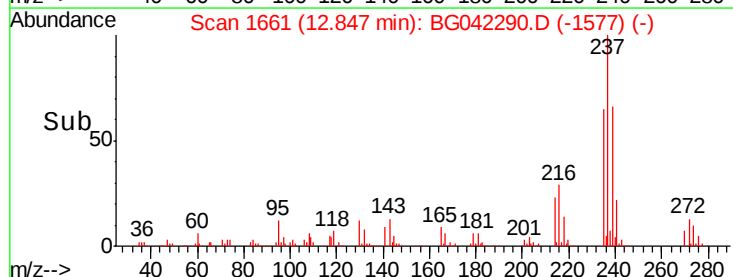
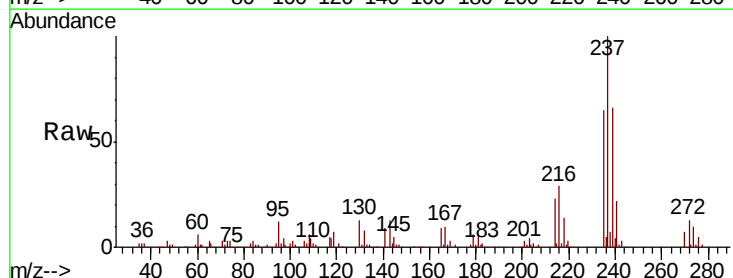
RT: 12.85 min Scan# 1661

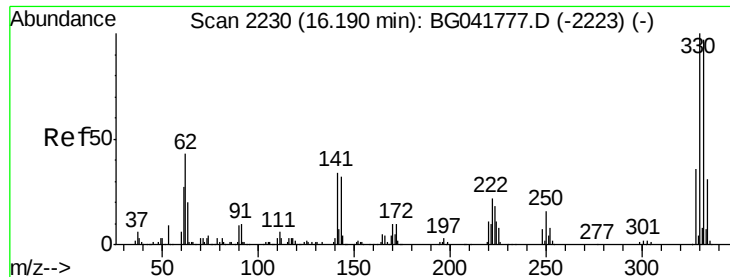
Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Tgt Ion:	237	Resp:	271878
Ion Ratio	Lower	Upper	
237	100		
235	65.4	43.5	83.5
272	13.1	0.0	31.2





#42

2,4,6-Tribromophenol

Concen: 185.533 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

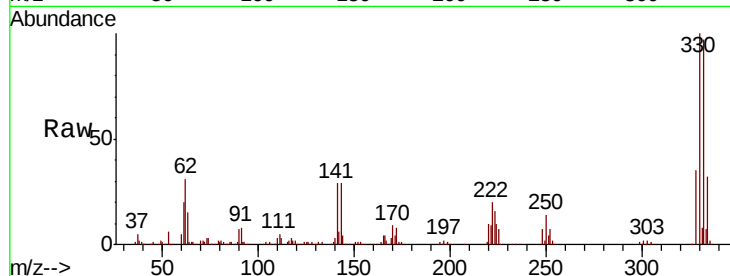
Tgt Ion:330 Resp: 397023

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

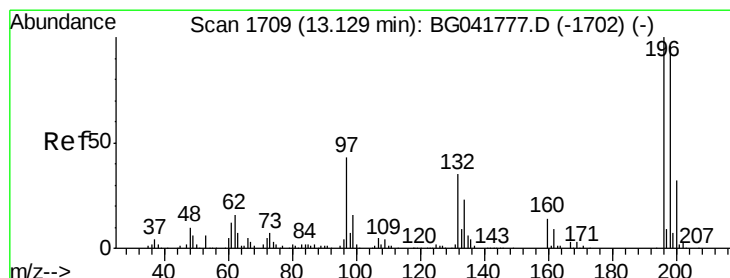
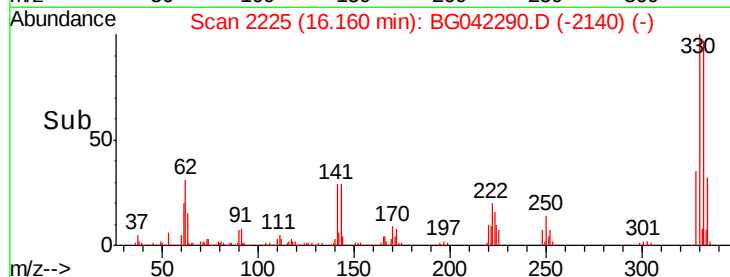
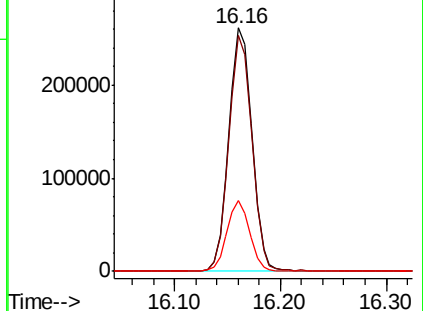
141 28.4 31.9 47.9#



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: 52.769 ng

RT: 13.10 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

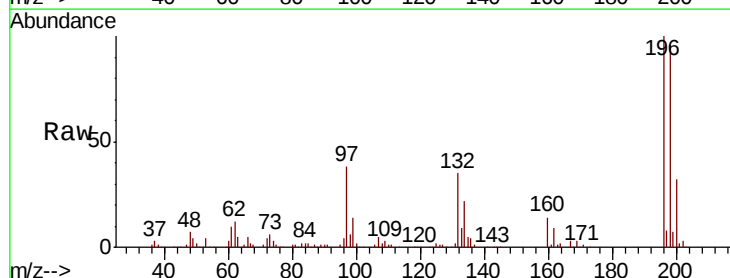
Tgt Ion:196 Resp: 198895

Ion Ratio Lower Upper

196 100

198 96.5 79.6 119.4

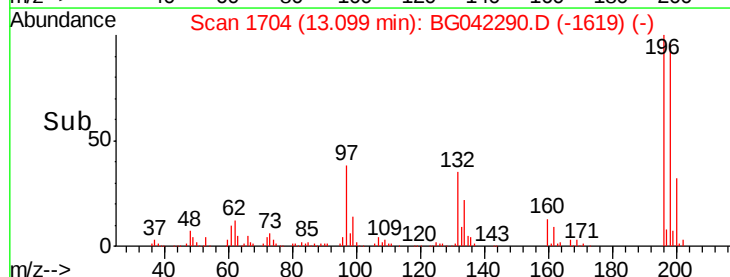
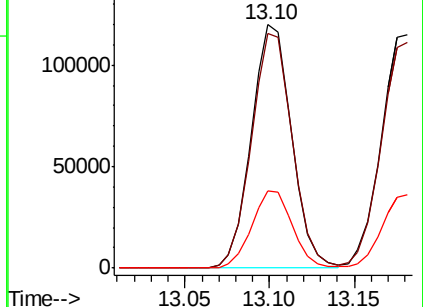
200 31.9 25.2 37.8

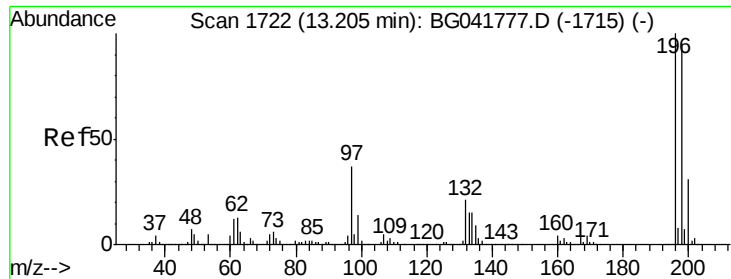


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

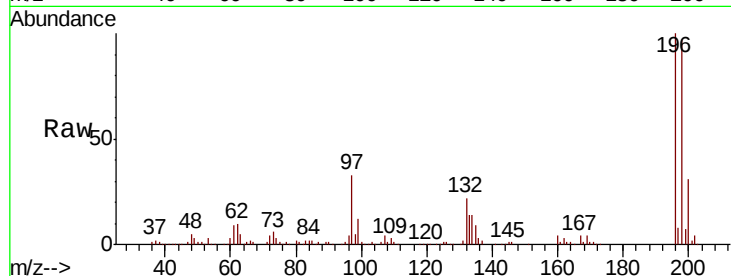




#44
 2,4,5-Trichlorophenol
 Concen: 56.416 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	80.6	121.0
97	33.0	33.9	50.9#
132	21.7	20.2	30.2



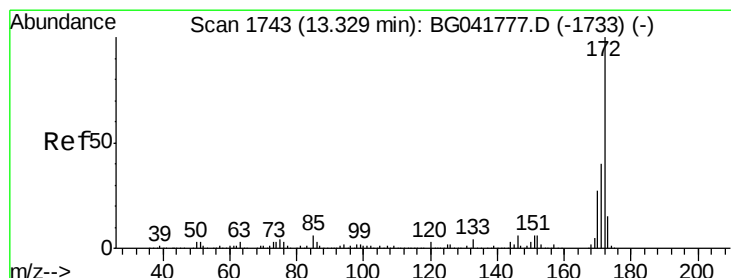
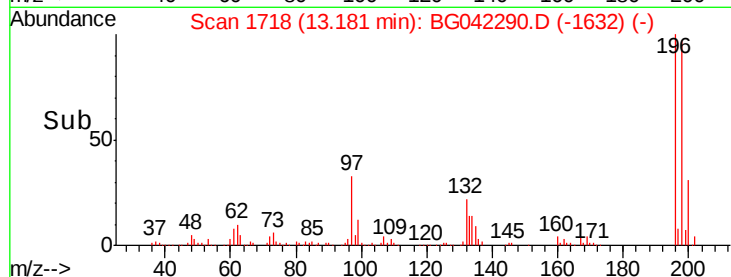
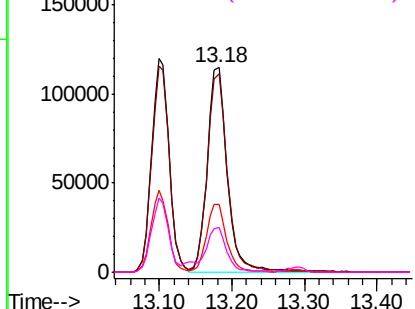
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

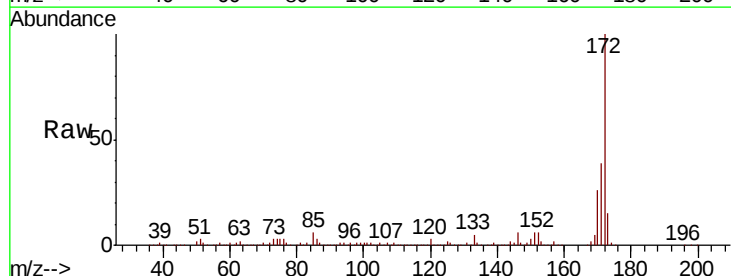
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.957 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	35.0	52.4
170	26.2	23.5	35.3

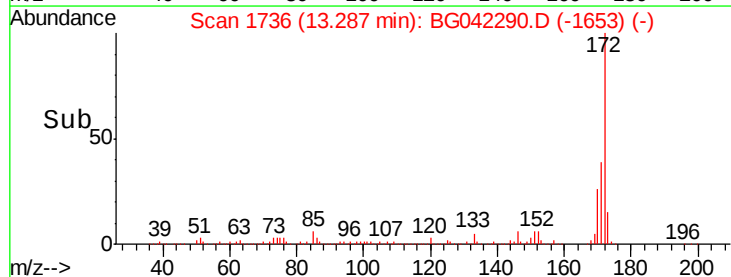
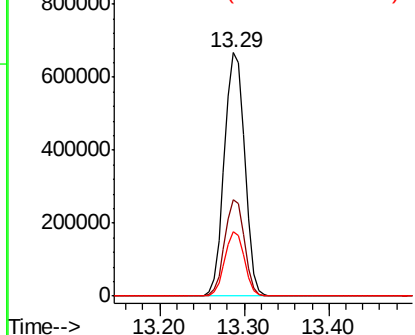


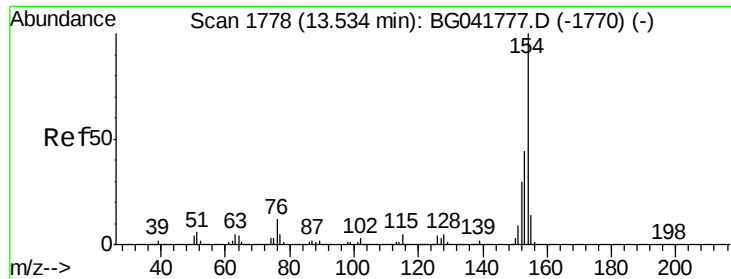
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

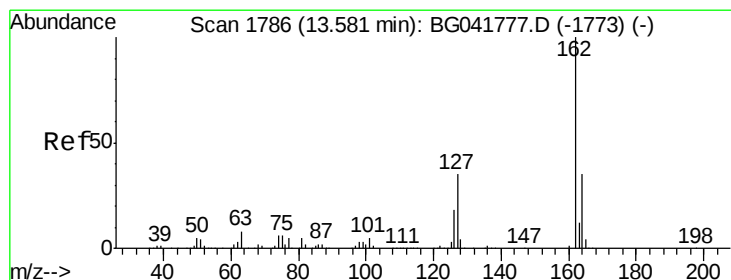
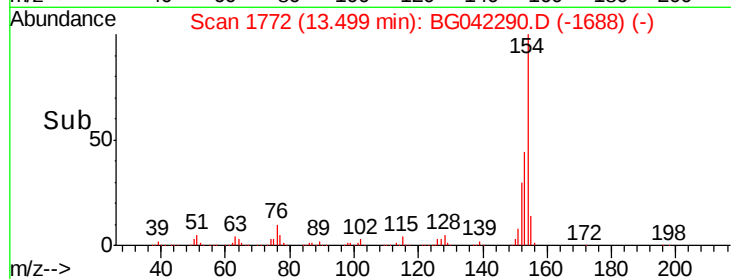
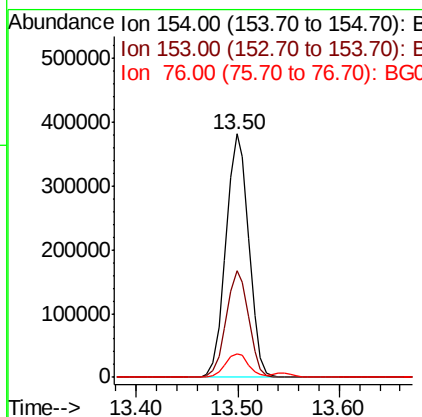
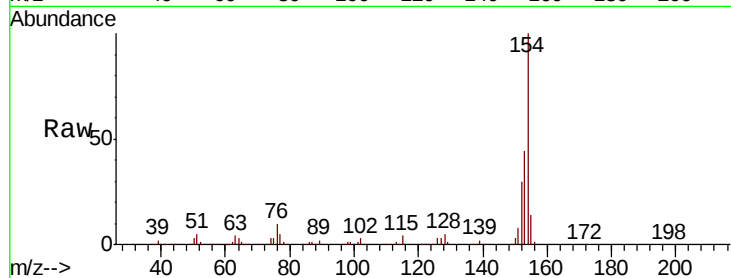




#46
 1,1'-Biphenyl
 Concen: 49.319 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

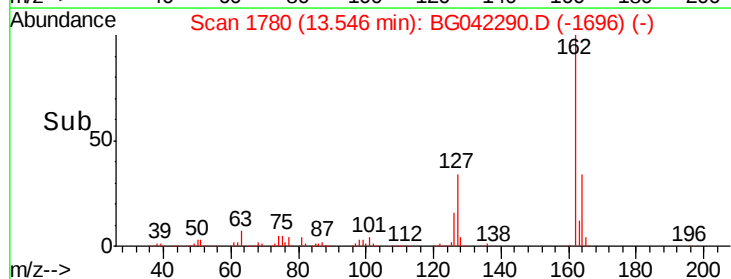
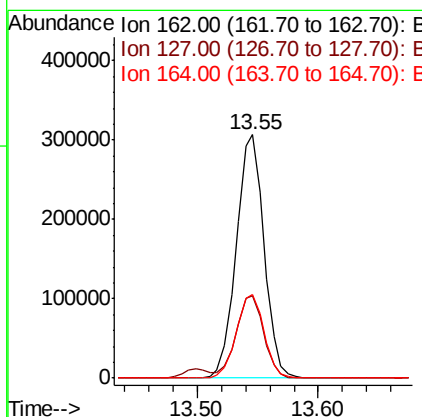
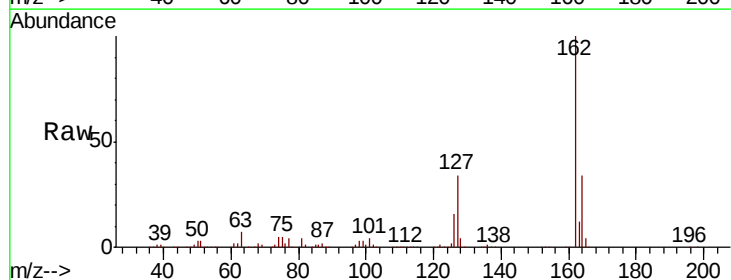
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

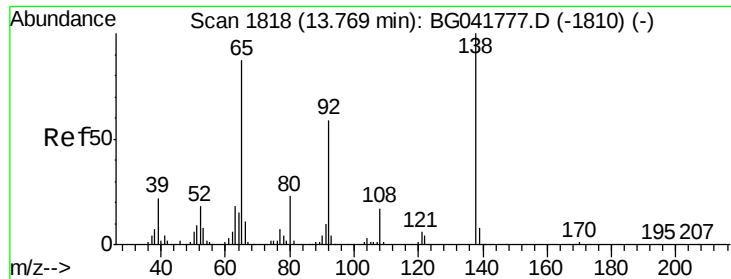
Tgt Ion:	154	Resp:	597280
Ion	Ratio	Lower	Upper
154	100		
153	43.7	25.0	65.0
76	9.9	0.0	34.5



#47
 2-Chloronaphthalene
 Concen: 47.647 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Tgt Ion:	162	Resp:	491282
Ion	Ratio	Lower	Upper
162	100		
127	33.6	30.4	45.6
164	34.4	28.6	42.8

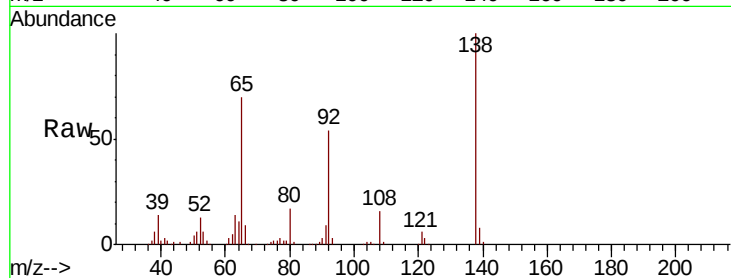




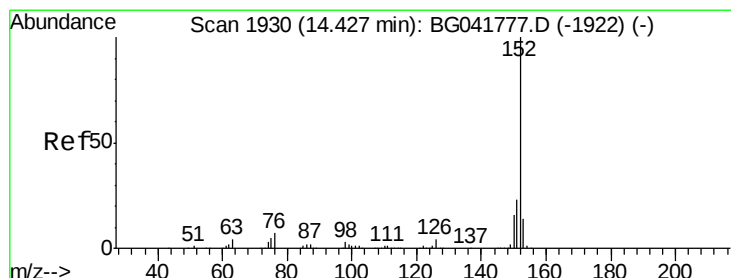
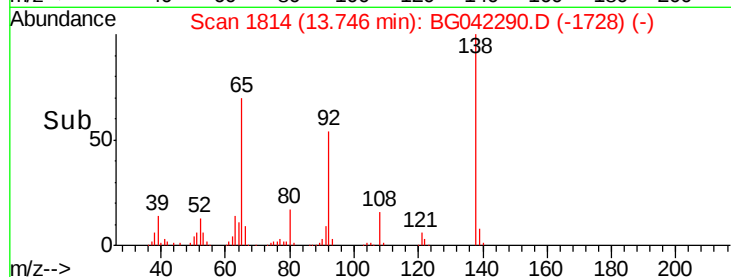
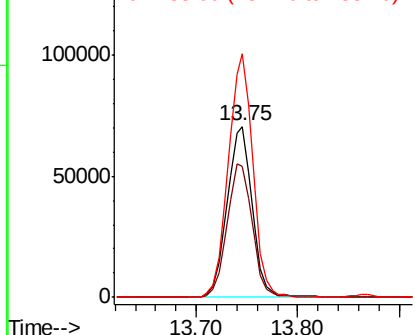
#48
2-Nitroaniline
Concen: 46.220 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

Tgt Ion: 65 Resp: 120867
Ion Ratio Lower Upper
65 100
92 76.4 53.9 80.9
138 142.5 83.5 125.3#

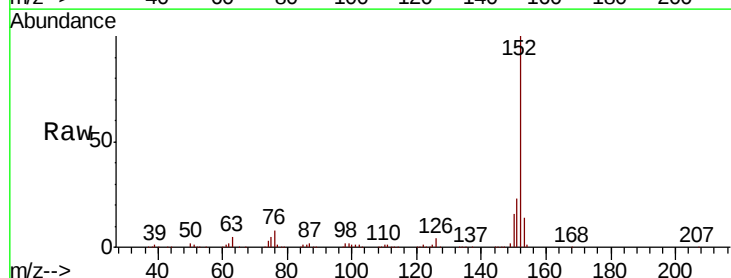


Abundance Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG
Ion 138.00 (137.70 to 138.70): E

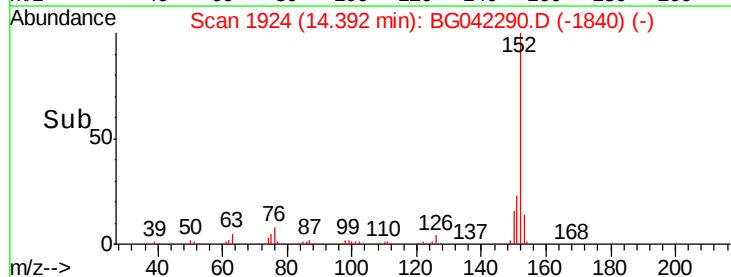
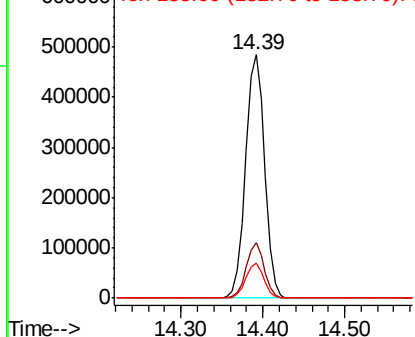


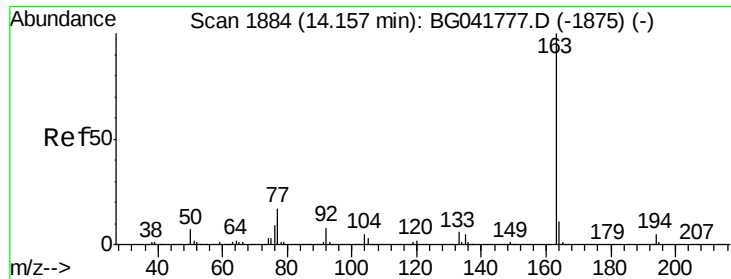
#49
Acenaphthylene
Concen: 50.692 ng
RT: 14.39 min Scan# 1924
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion: 152 Resp: 781840
Ion Ratio Lower Upper
152 100
151 22.6 18.7 28.1
153 14.3 12.4 18.6



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: 52.574 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

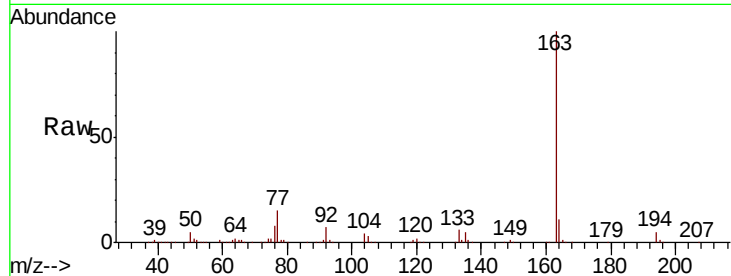
Tgt Ion:163 Resp: 676440

Ion Ratio Lower Upper

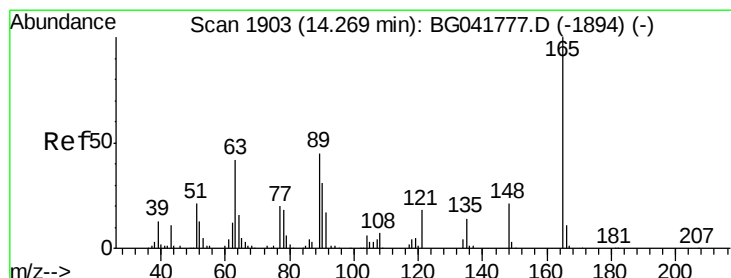
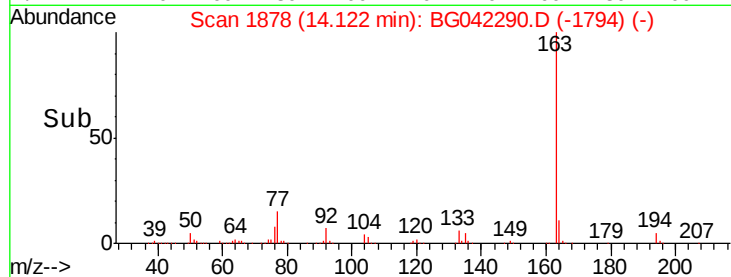
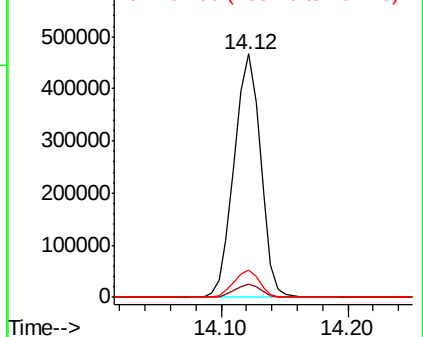
163 100

194 5.4 4.2 6.2

164 11.2 9.4 14.2



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: 59.813 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

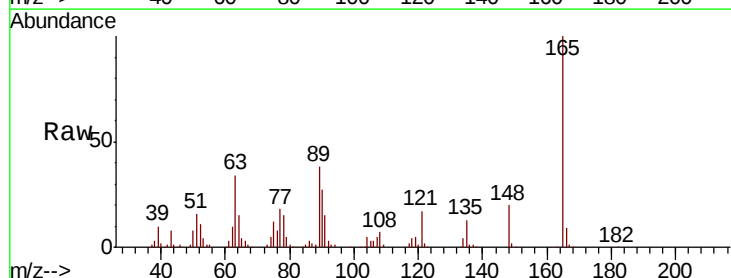
Tgt Ion:165 Resp: 160923

Ion Ratio Lower Upper

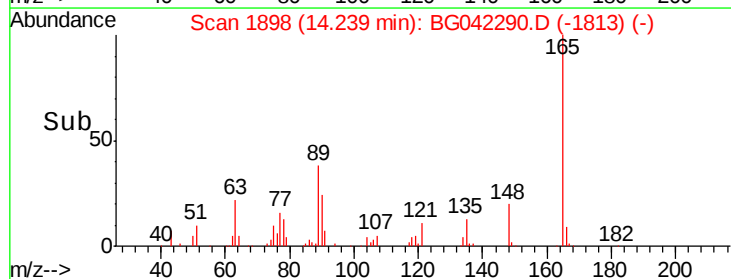
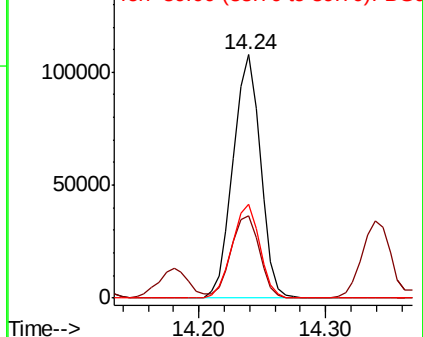
165 100

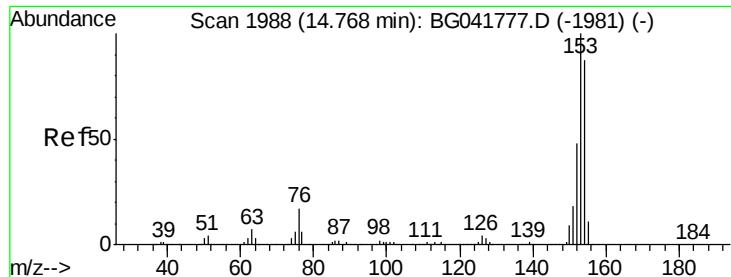
63 33.9 42.4 63.6#

89 38.4 42.1 63.1#



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: 45.988 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

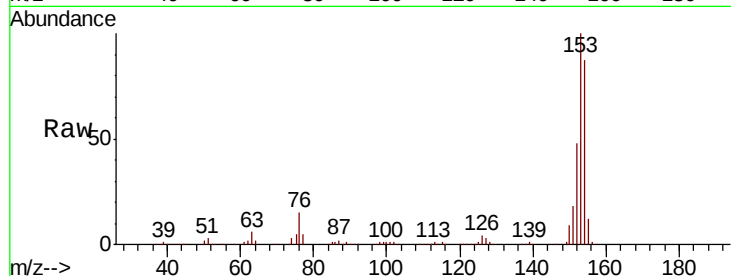
Tgt Ion:154 Resp: 461324

Ion Ratio Lower Upper

154 100

153 114.7 89.8 134.6

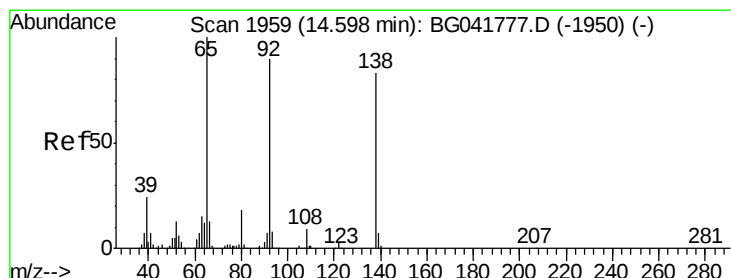
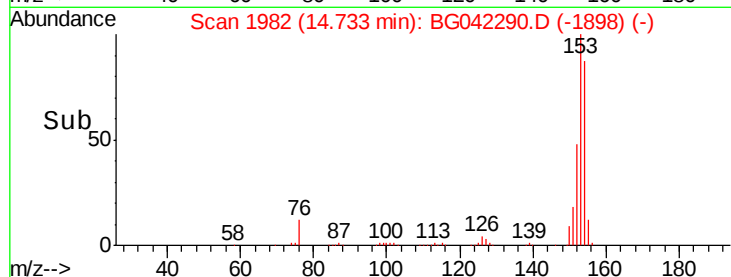
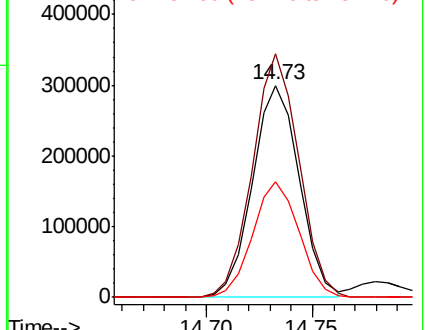
152 54.7 44.9 67.3



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: 11.153 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

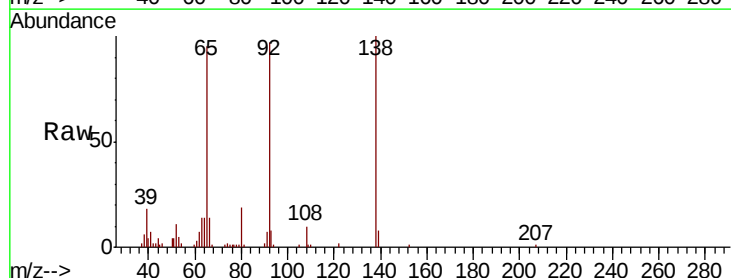
Tgt Ion:138 Resp: 32101

Ion Ratio Lower Upper

138 100

108 9.9 10.3 15.5#

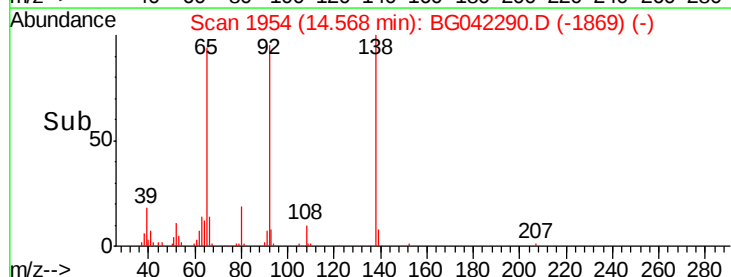
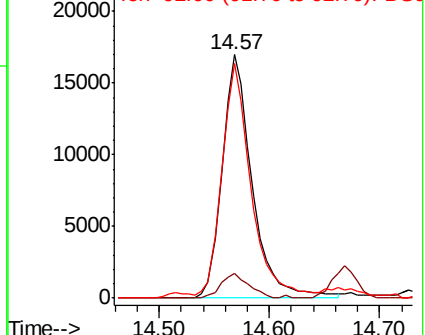
92 96.6 93.0 139.4

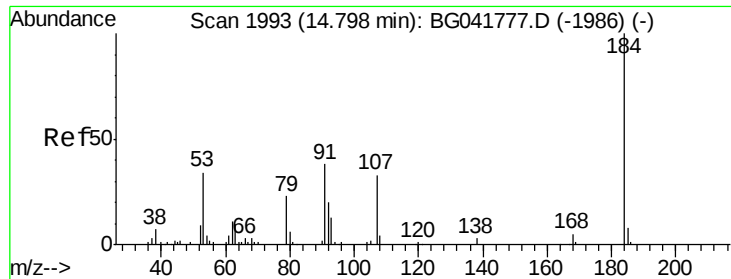


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#54

2,4-Dinitrophenol

Concen: 58.846 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

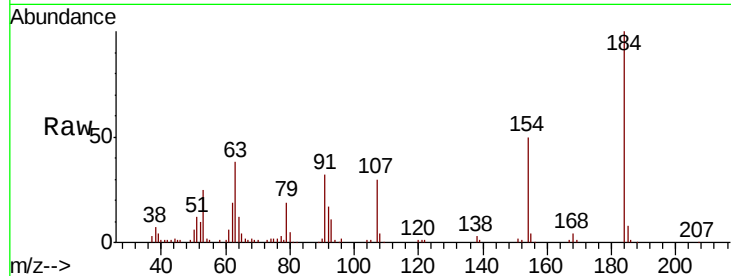
Tgt Ion:184 Resp: 86224

Ion Ratio Lower Upper

184 100

63 38.2 43.2 64.8#

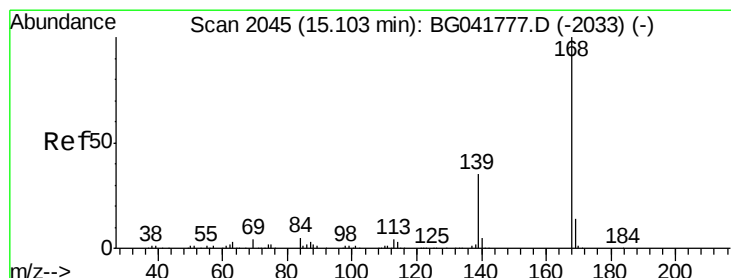
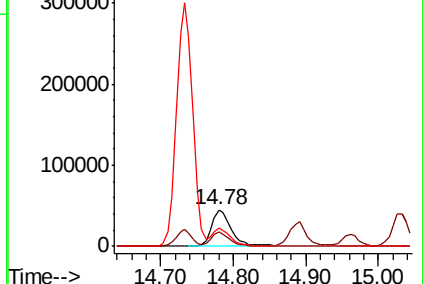
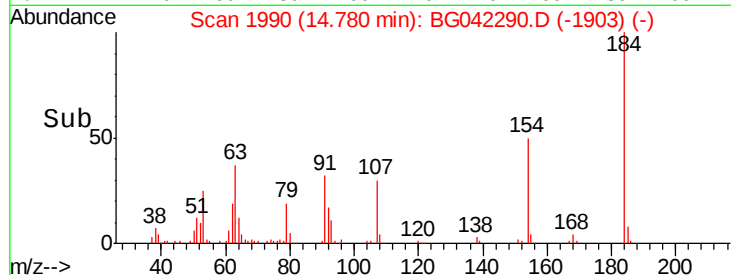
154 49.7 51.4 77.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 50.719 ng

RT: 15.07 min Scan# 2039

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

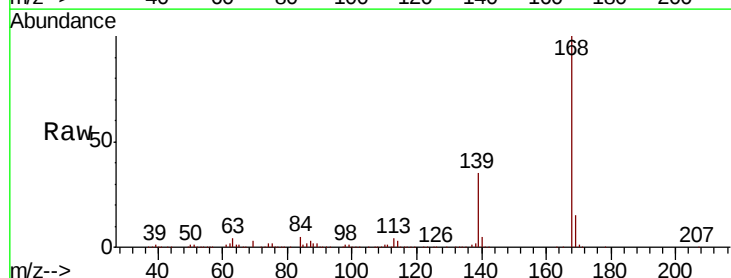
Tgt Ion:168 Resp: 778197

Ion Ratio Lower Upper

168 100

139 35.1 31.9 47.9

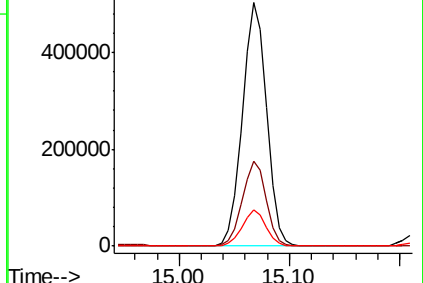
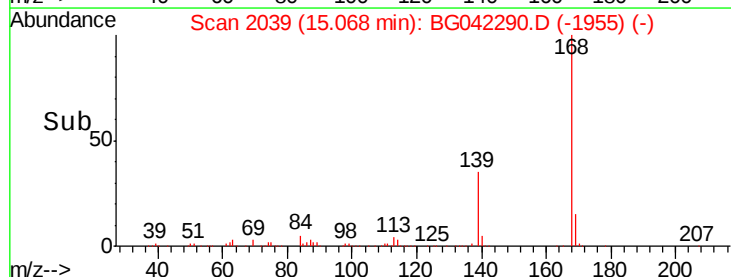
169 14.7 12.5 18.7

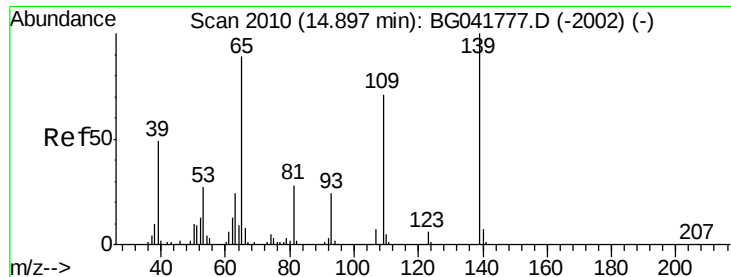


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 115.120 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

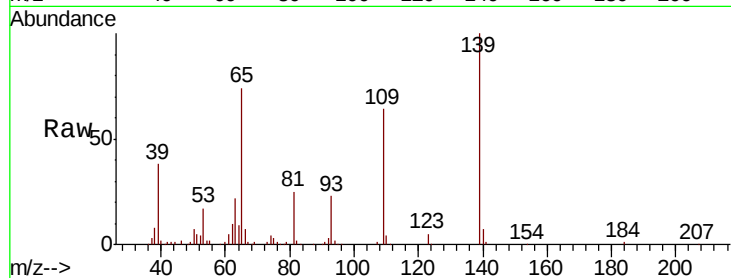
Tgt Ion:139 Resp: 251514

Ion Ratio Lower Upper

139 100

109 64.3 51.3 91.3

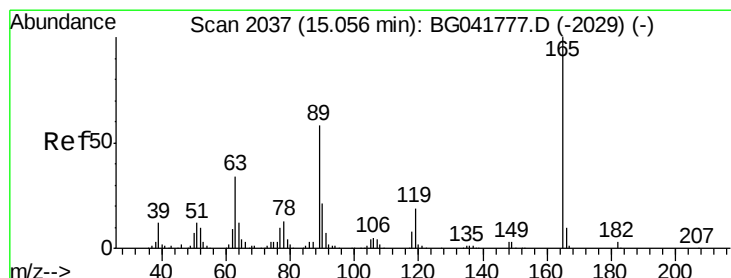
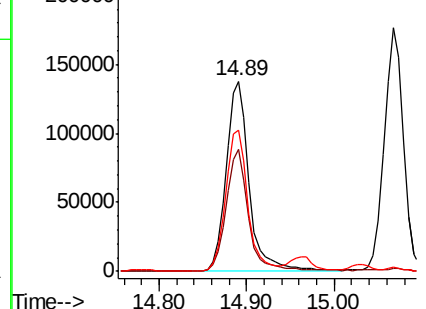
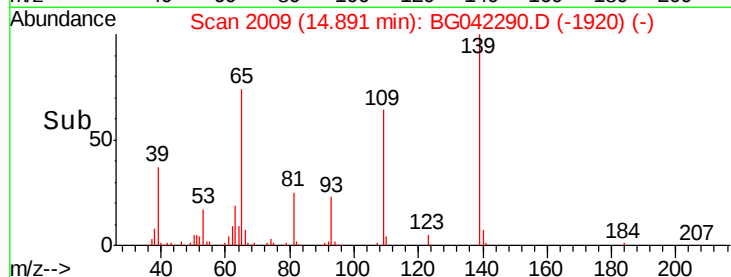
65 74.0 77.6 117.6#



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: 61.831 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Tgt Ion:165 Resp: 228769

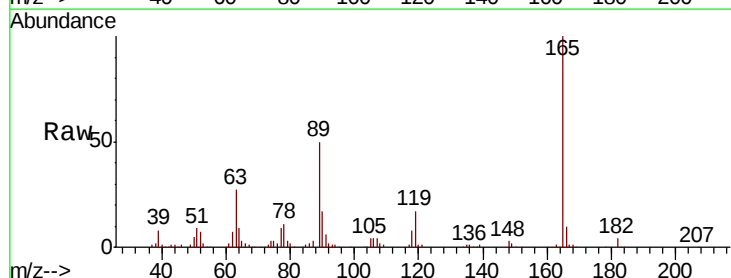
Ion Ratio Lower Upper

165 100

63 26.6 31.7 47.5#

89 50.3 50.2 75.4

182 3.6 2.6 4.0

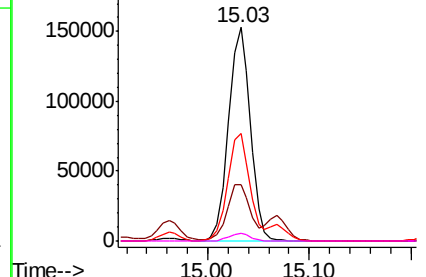
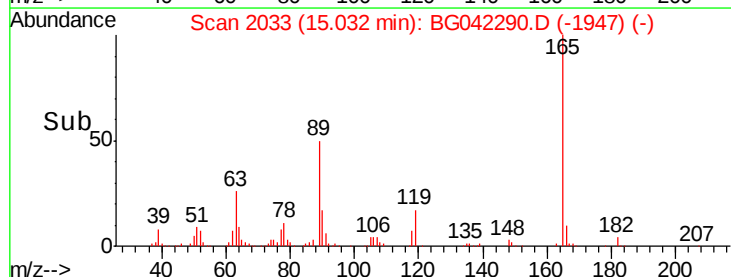


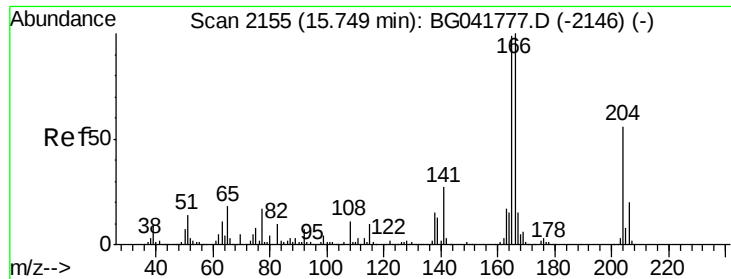
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 52.019 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

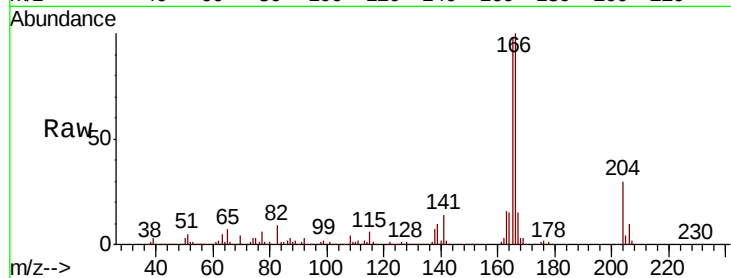
Tgt Ion:166 Resp: 640520

Ion Ratio Lower Upper

166 100

165 98.5 80.5 120.7

167 14.6 12.4 18.6

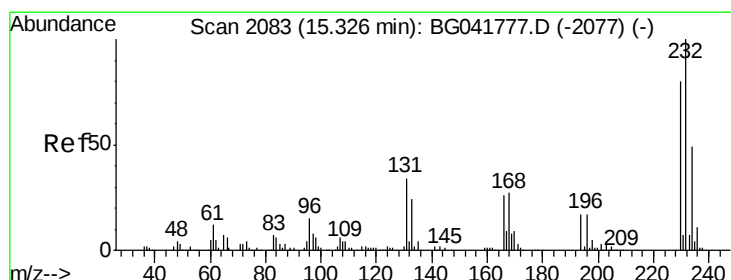
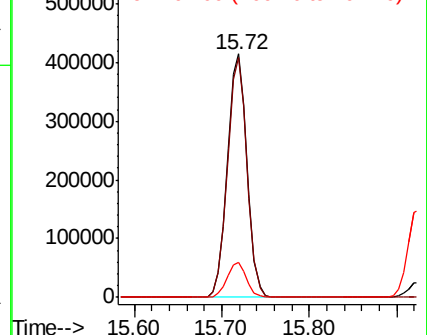
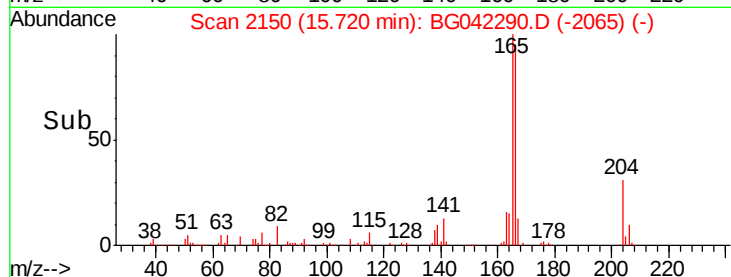


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 56.153 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Tgt Ion:232 Resp: 217838

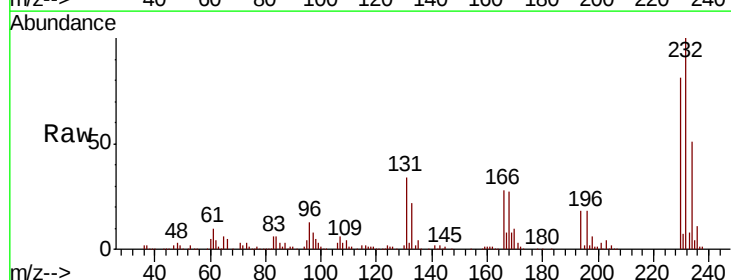
Ion Ratio Lower Upper

232 100

131 32.5 31.8 47.6

130 1.7 1.8 2.8#

166 26.1 23.5 35.3



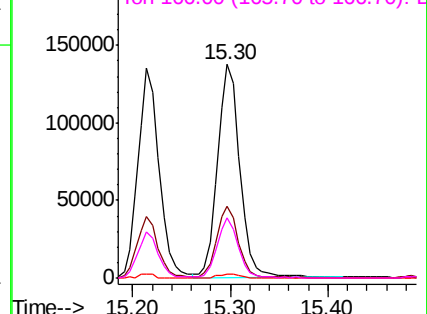
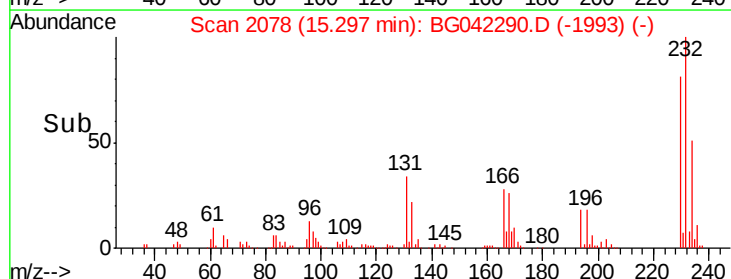
Abundance

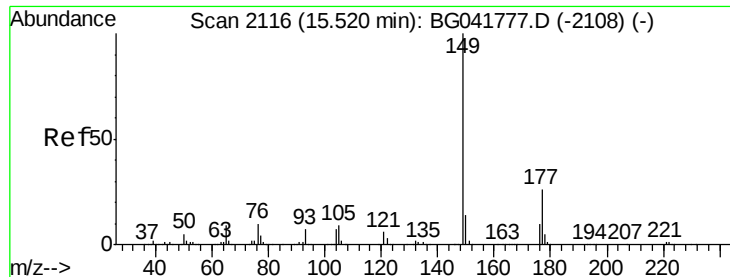
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

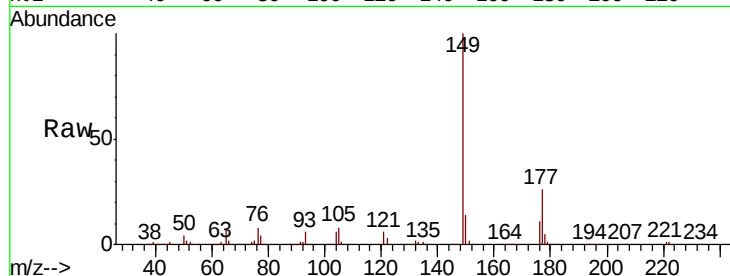




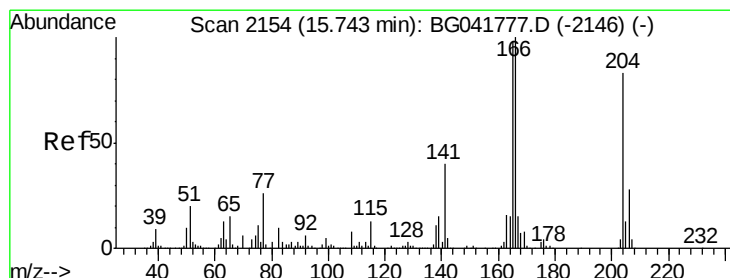
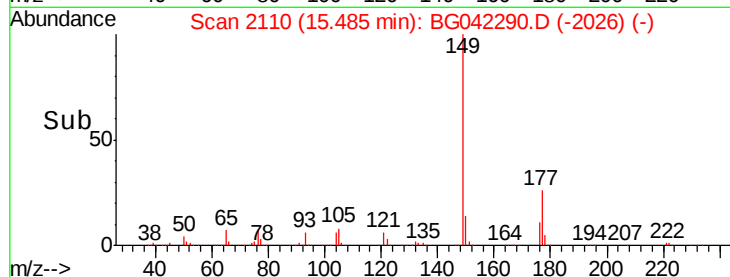
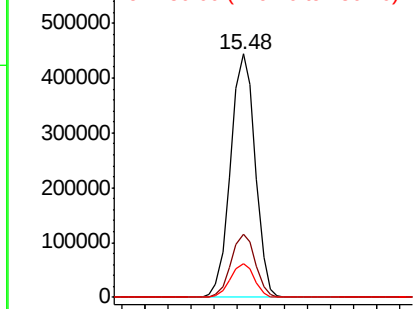
#60
Diethylphthalate
Concen: 51.697 ng
RT: 15.48 min Scan# 2110
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

Tgt Ion:149 Resp: 653031
Ion Ratio Lower Upper
149 100
177 26.1 20.7 31.1
150 14.0 11.5 17.3

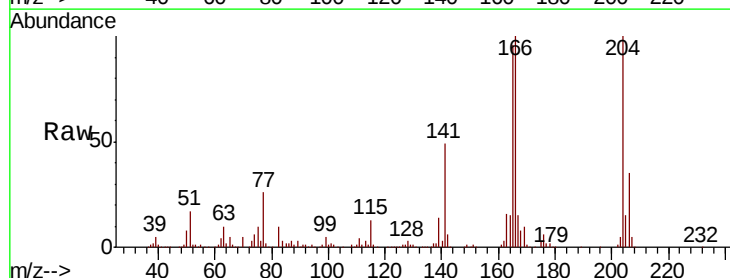


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

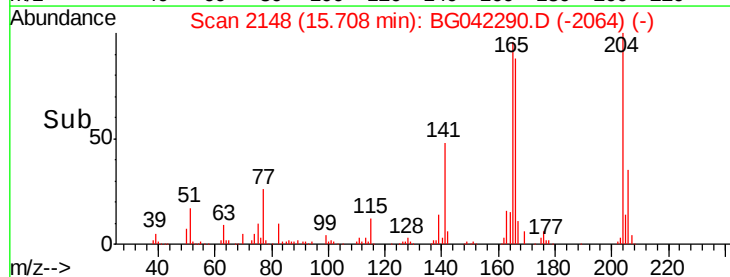
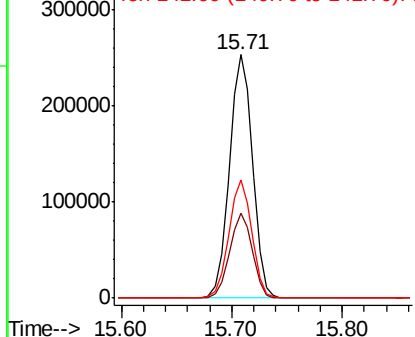


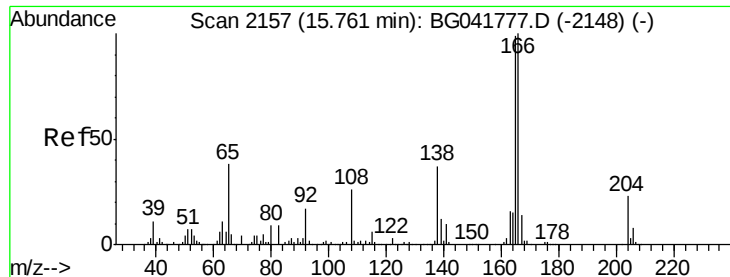
#61
4-Chlorophenyl-phenylether
Concen: 49.394 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion:204 Resp: 371295
Ion Ratio Lower Upper
204 100
206 34.9 28.6 42.8
141 48.6 42.9 64.3



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





#62

4-Nitroaniline

Concen: 48.487 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

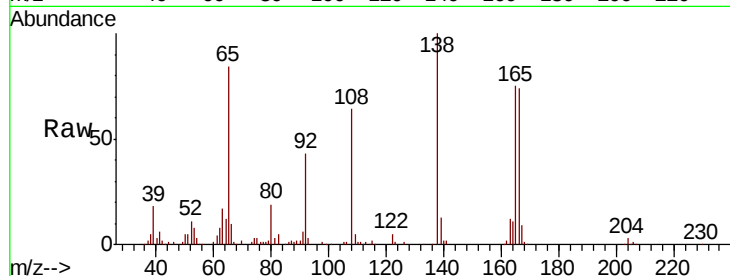
Tgt Ion:138 Resp: 151162

Ion Ratio Lower Upper

138 100

92 42.7 29.8 69.8

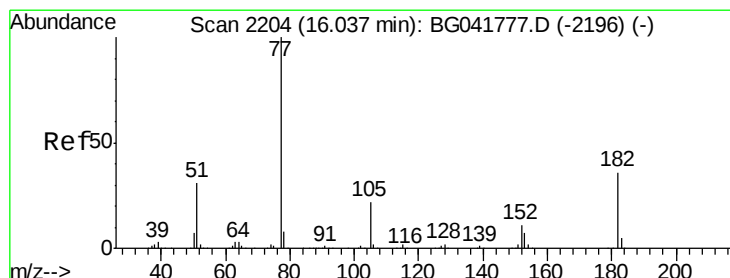
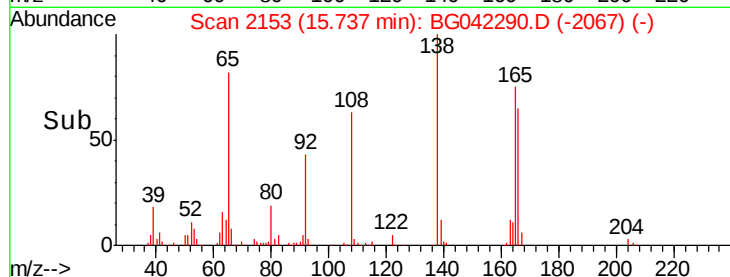
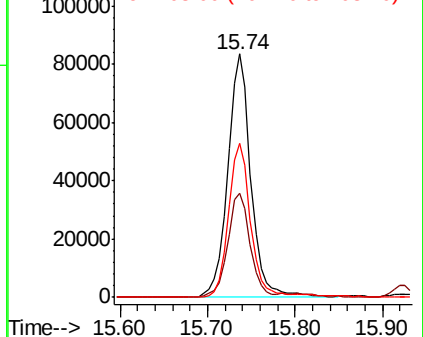
108 63.5 52.2 92.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 44.686 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Tgt Ion: 77 Resp: 461107

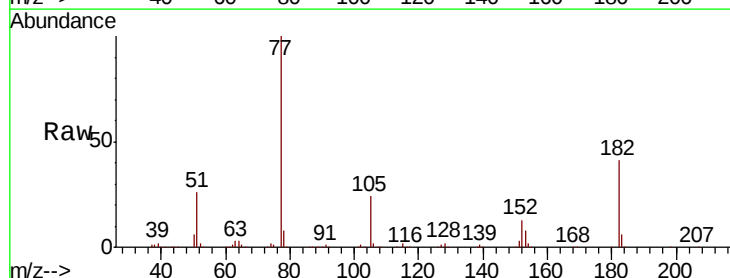
Ion Ratio Lower Upper

77 100

182 41.4 13.2 53.2

105 23.7 2.2 42.2

51 26.0 14.6 54.6

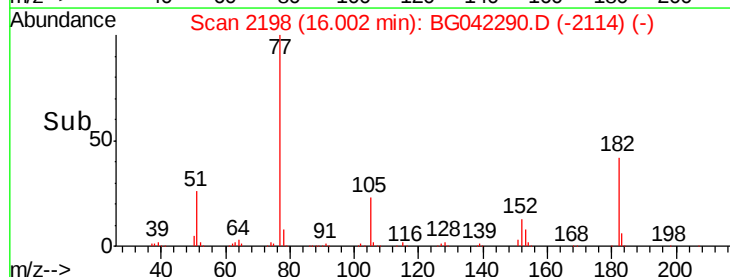
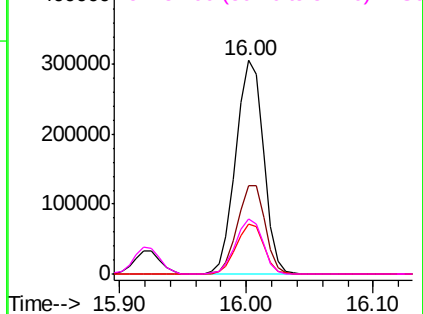


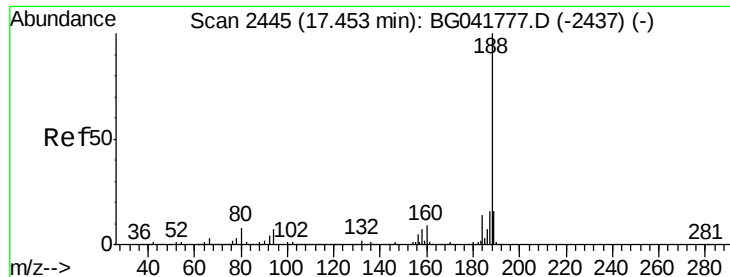
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

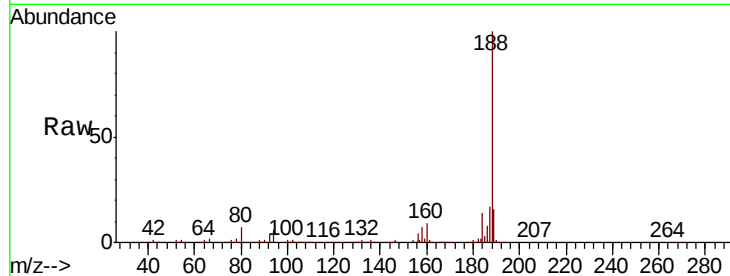




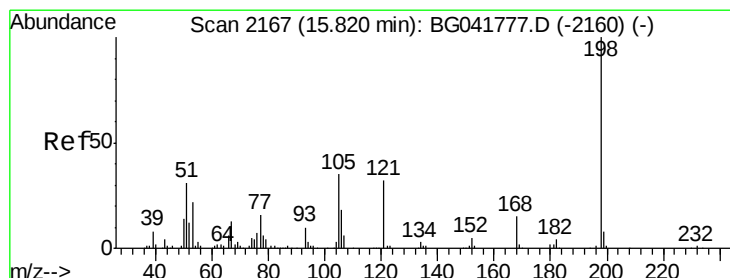
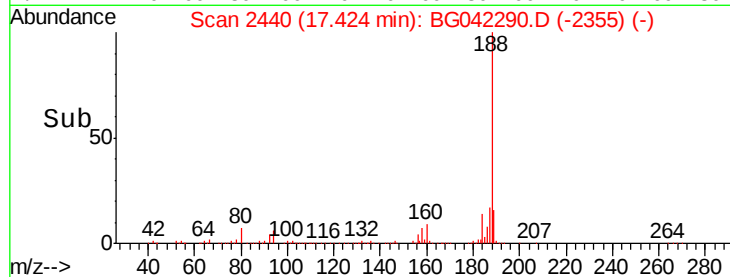
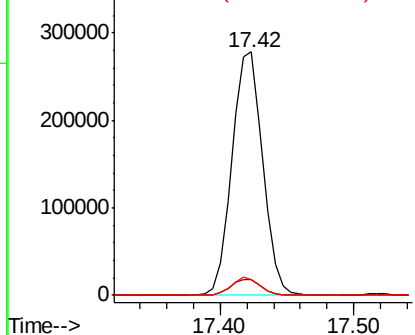
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.03 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

Tgt Ion:188 Resp: 446182
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 6.7 8.0 12.0#

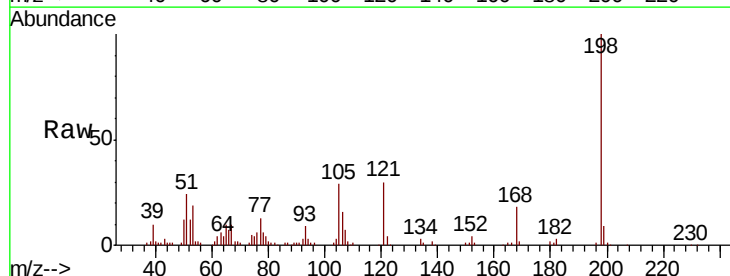


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

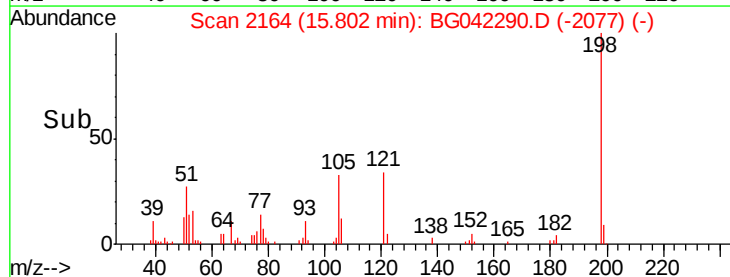
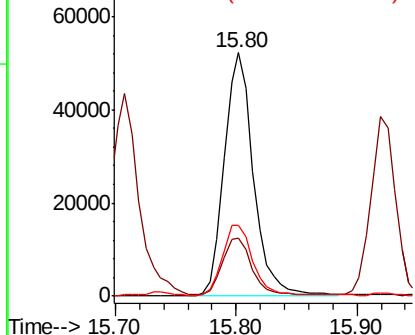


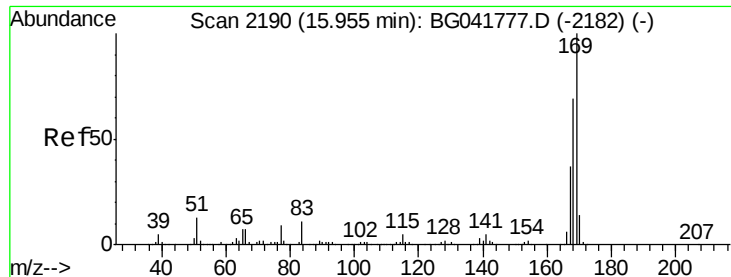
#65
4,6-Dinitro-2-methylphenol
Concen: 41.300 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion:198 Resp: 87753
Ion Ratio Lower Upper
198 100
51 23.9 22.3 62.3
105 29.2 18.0 58.0



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





#66

n-Nitrosodiphenylamine

Concen: 50.361 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

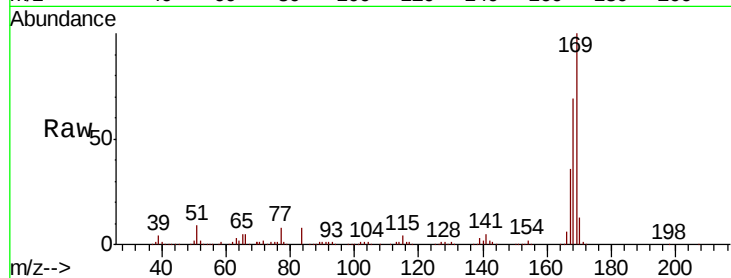
Tgt Ion:169 Resp: 612070

Ion Ratio Lower Upper

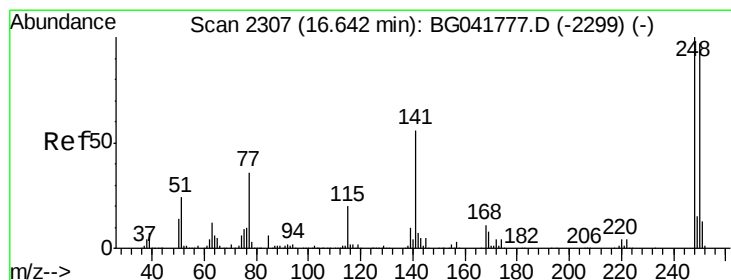
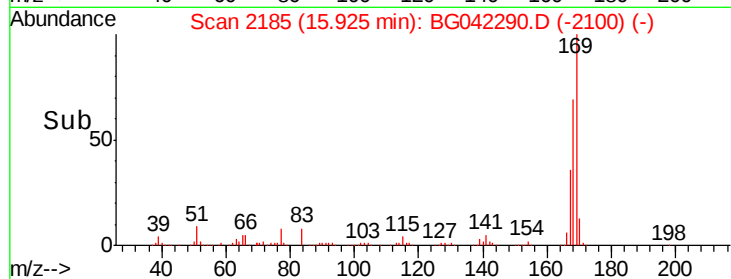
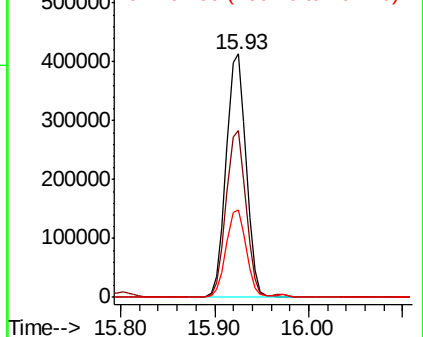
169 100

168 68.5 56.9 85.3

167 36.1 31.5 47.3



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



#67

4-Bromophenyl-phenylether

Concen: 47.556 ng

RT: 16.61 min Scan# 2301

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

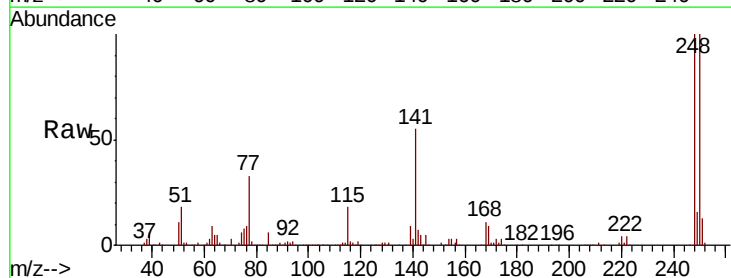
Tgt Ion:248 Resp: 261373

Ion Ratio Lower Upper

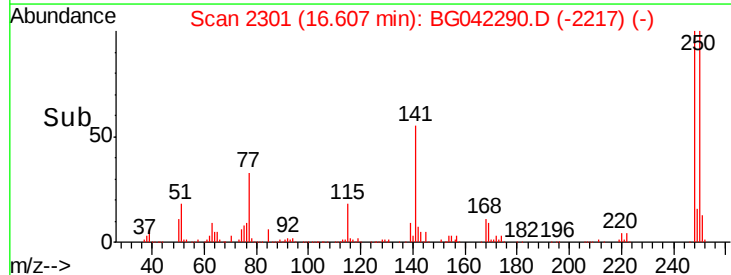
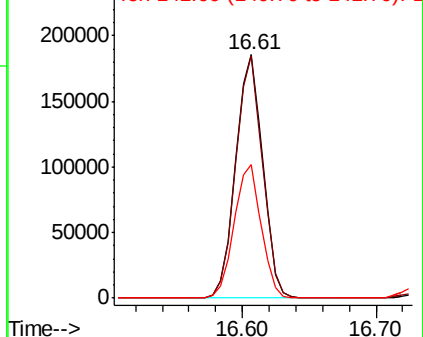
248 100

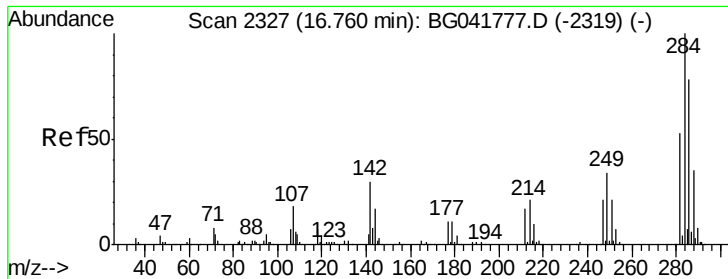
250 99.7 78.1 117.1

141 55.0 49.6 74.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 48.034 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

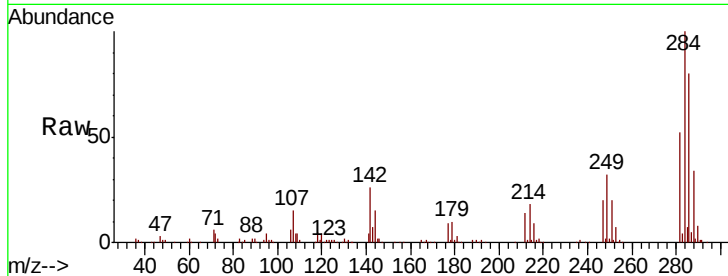
Tgt Ion:284 Resp: 276188

Ion Ratio Lower Upper

284 100

142 25.6 27.0 40.6#

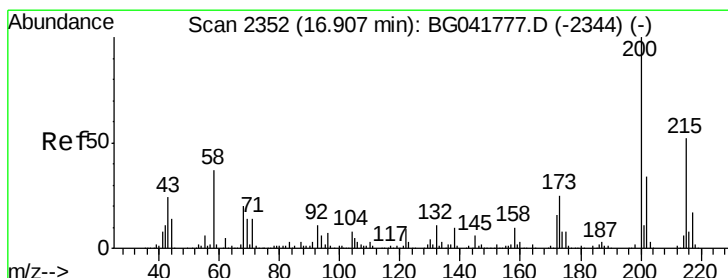
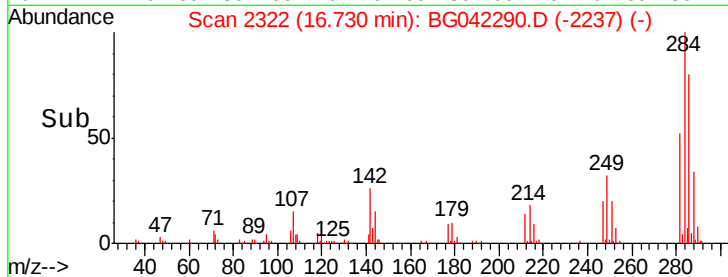
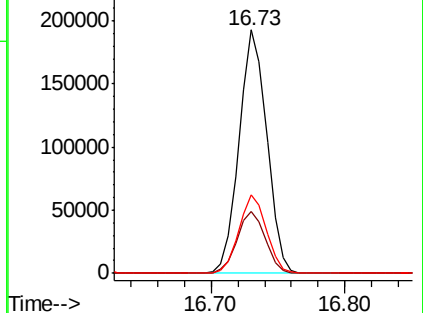
249 32.4 28.4 42.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 50.122 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

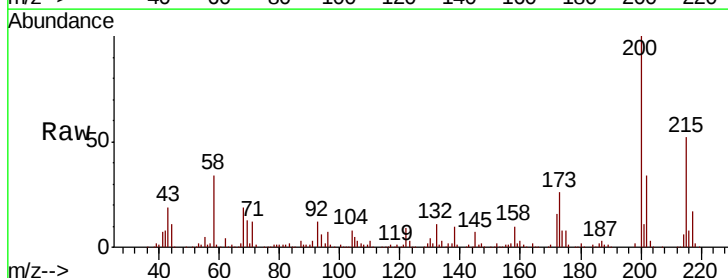
Tgt Ion:200 Resp: 239343

Ion Ratio Lower Upper

200 100

173 26.1 5.3 45.3

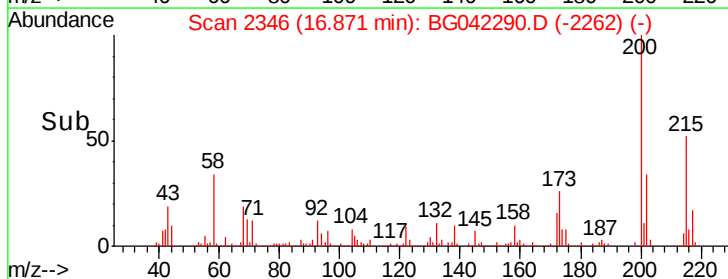
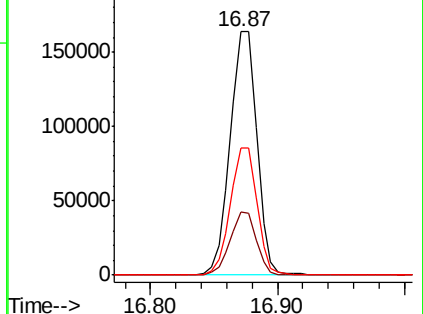
215 52.2 31.8 71.8

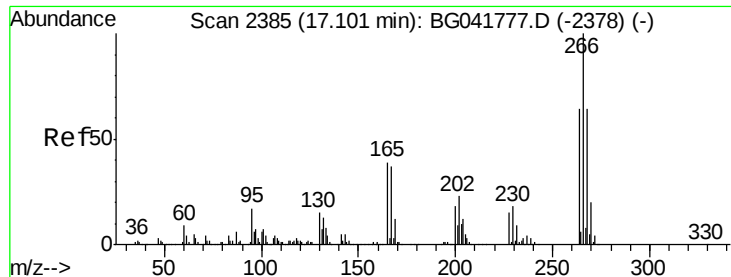


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

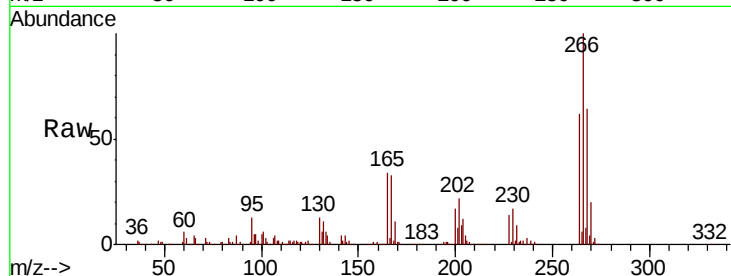




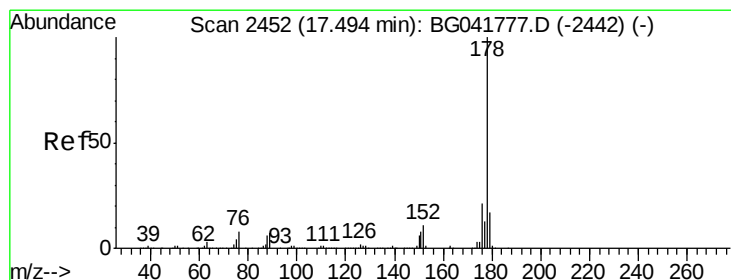
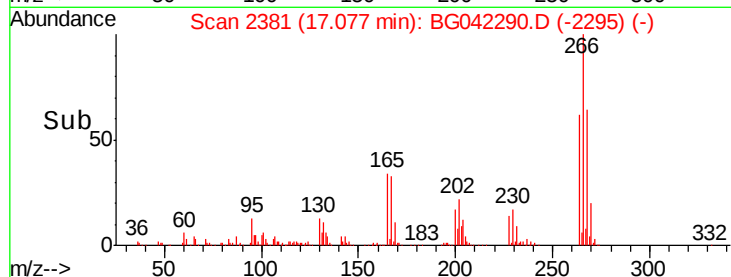
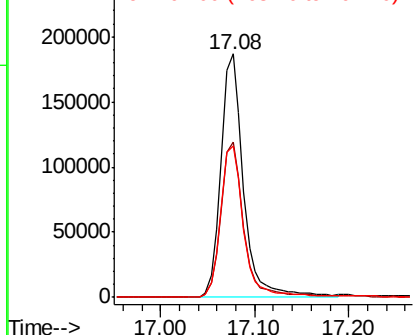
#70
 Pentachlorophenol
 Concen: 96.762 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.02 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.9	79.3
264	62.2	51.4	77.2

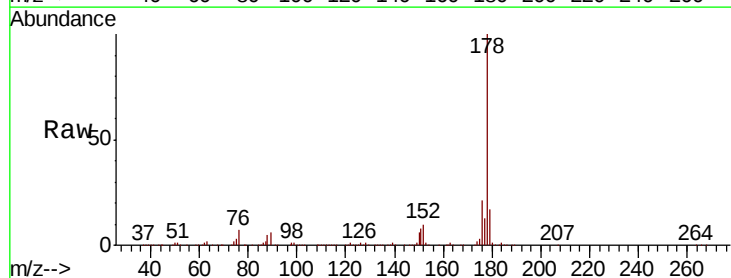


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

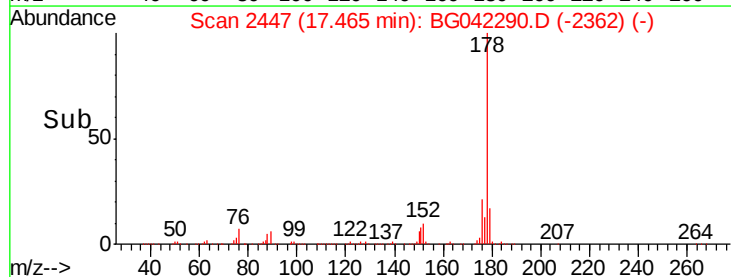
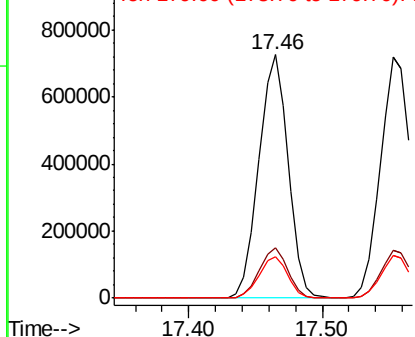


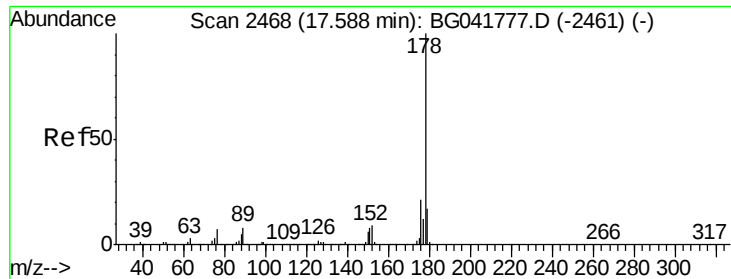
#71
 Phenanthrene
 Concen: 51.346 ng
 RT: 17.46 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	18.6	28.0
179	16.9	15.4	23.0



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





#72

Anthracene

Concen: 52.753 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

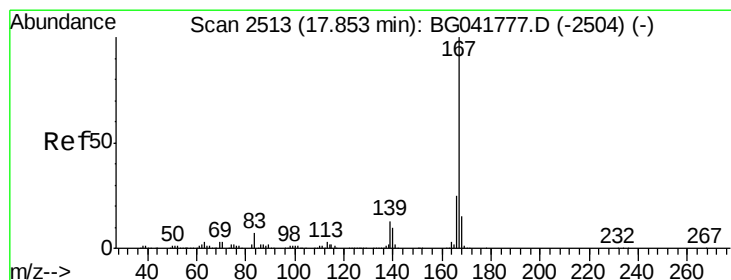
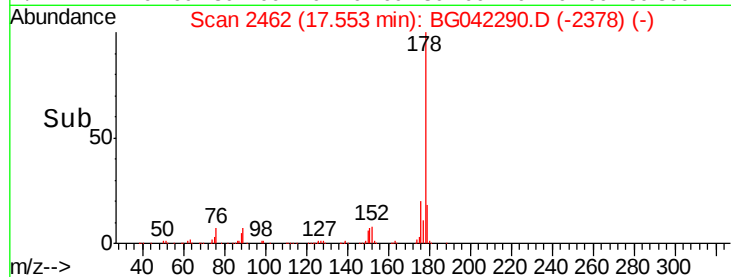
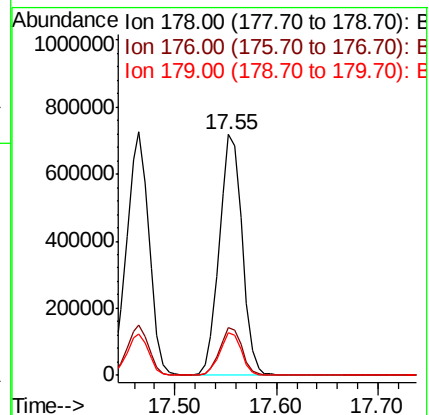
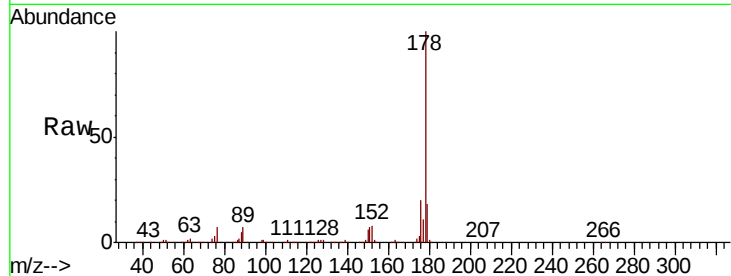
Tgt Ion:178 Resp: 1125215

Ion Ratio Lower Upper

178 100

176 20.1 18.6 28.0

179 17.8 15.1 22.7



#73

Carbazole

Concen: 54.744 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

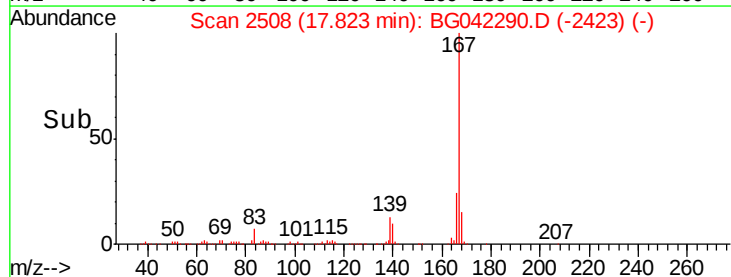
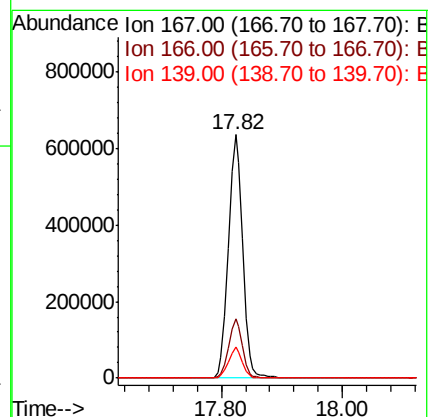
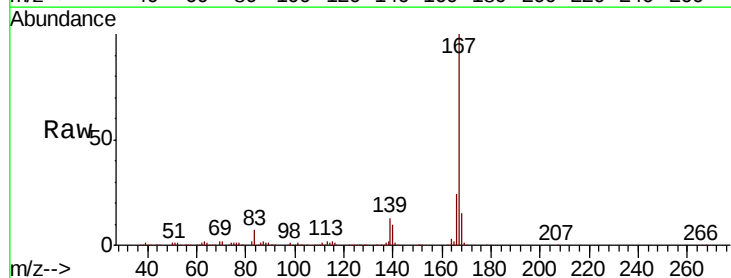
Tgt Ion:167 Resp: 1048036

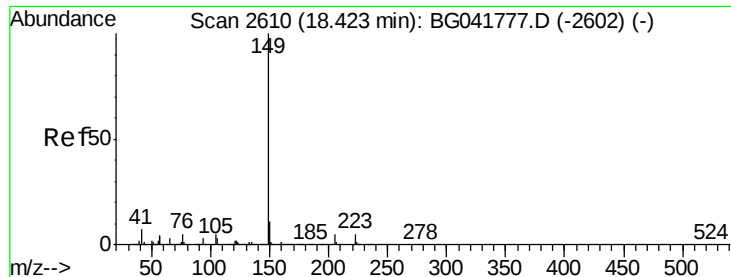
Ion Ratio Lower Upper

167 100

166 24.4 21.4 32.2

139 12.8 12.1 18.1





#74

Di-n-butylphthalate

Concen: 53.893 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.04 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

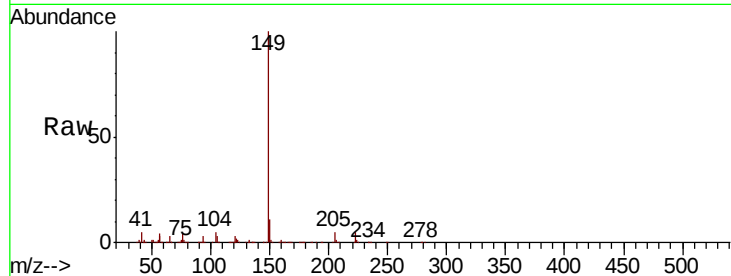
Tgt Ion:149 Resp: 1169688

Ion Ratio Lower Upper

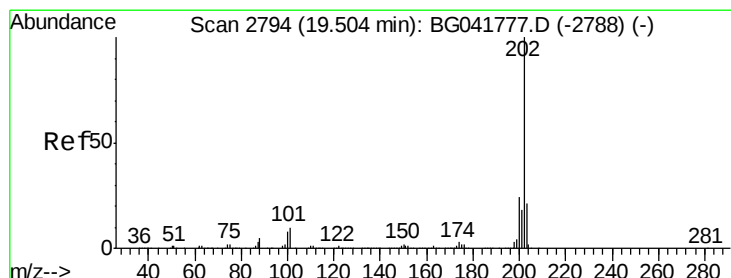
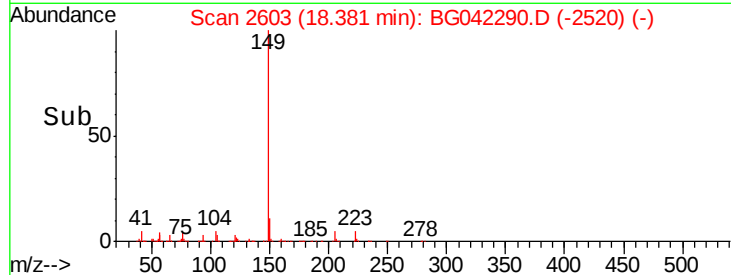
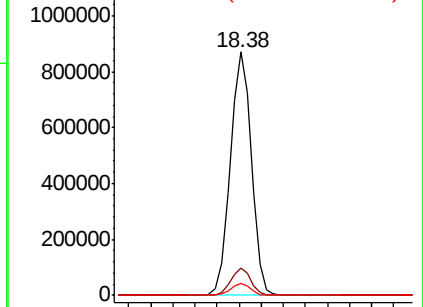
149 100

150 11.1 10.2 15.2

104 4.9 5.3 7.9#



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



#75

Fluoranthene

Concen: 54.629 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.03 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

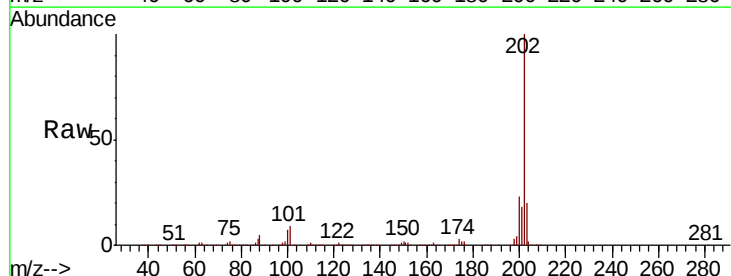
Tgt Ion:202 Resp: 1420124

Ion Ratio Lower Upper

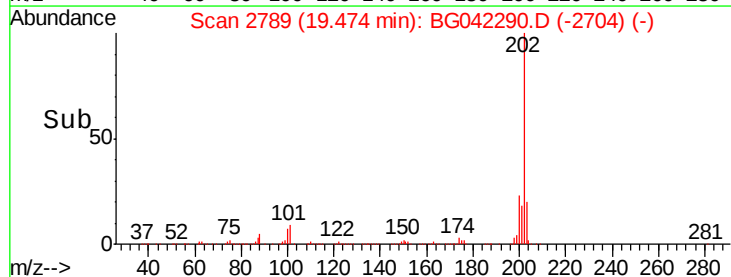
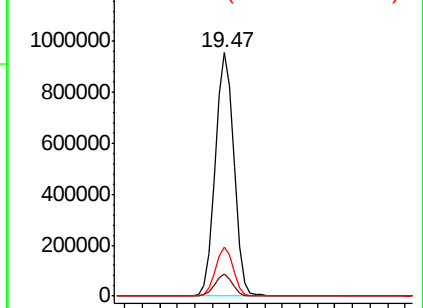
202 100

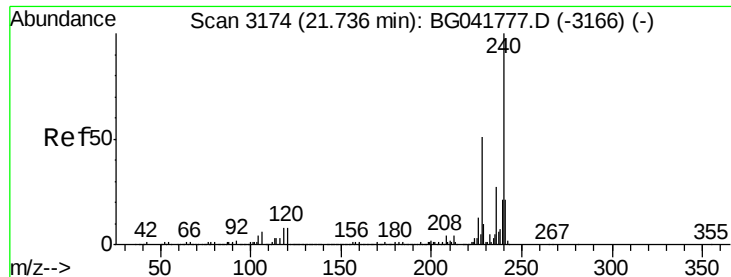
101 9.4 0.0 32.8

203 20.4 3.7 43.7



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

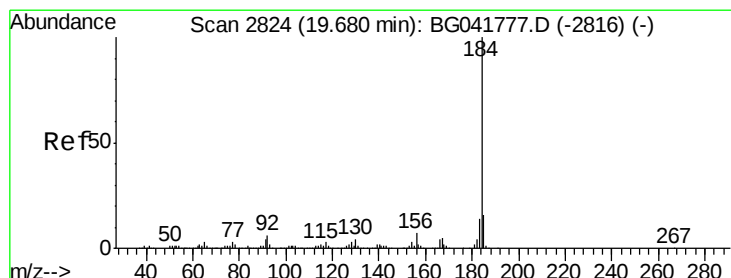
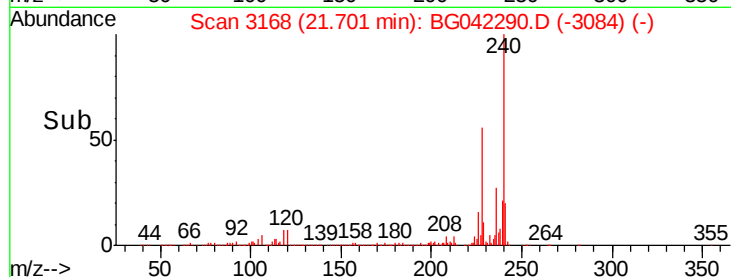
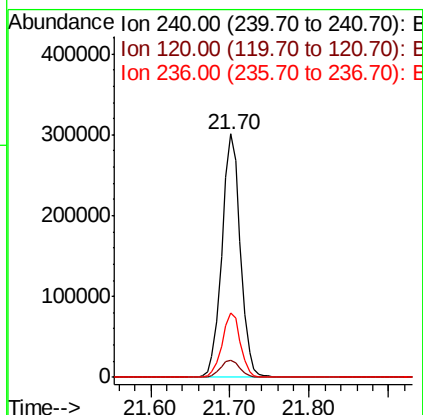
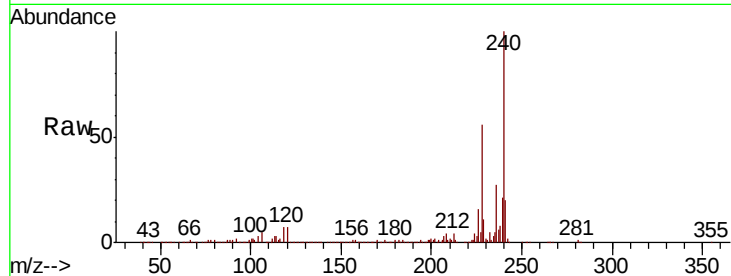




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

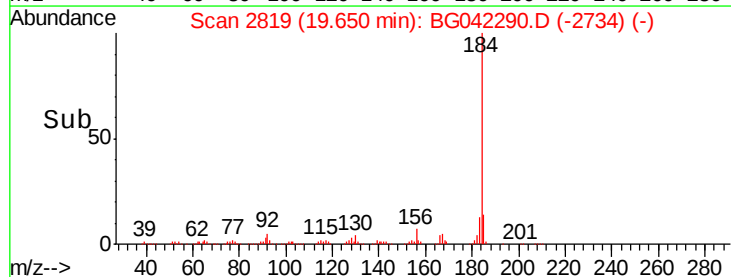
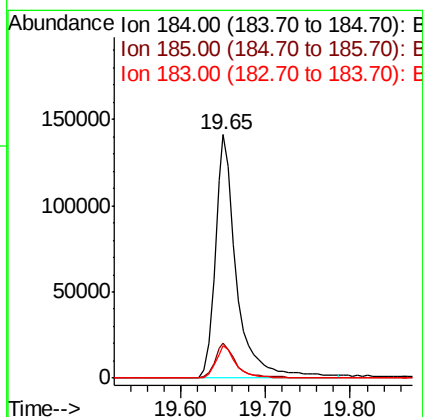
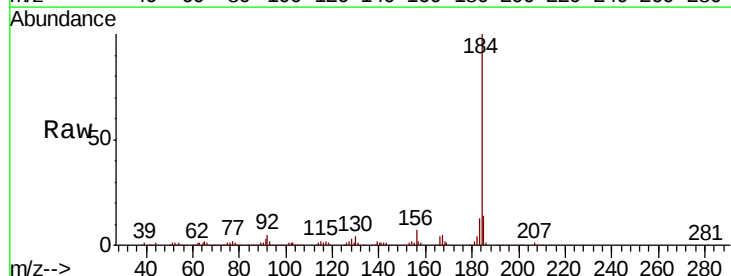
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

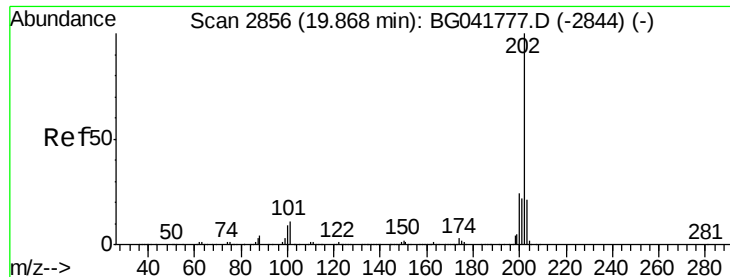
Tgt Ion: 240 Resp: 481882
Ion Ratio Lower Upper
240 100
120 7.2 8.0 12.0#
236 26.5 22.6 33.8



#77
Benzidine
Concen: 15.830 ng
RT: 19.65 min Scan# 2819
Delta R.T. -0.03 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion: 184 Resp: 248990
Ion Ratio Lower Upper
184 100
185 14.4 13.0 19.4
183 13.2 11.8 17.6

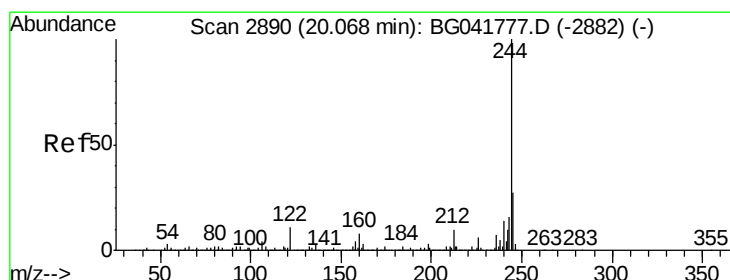
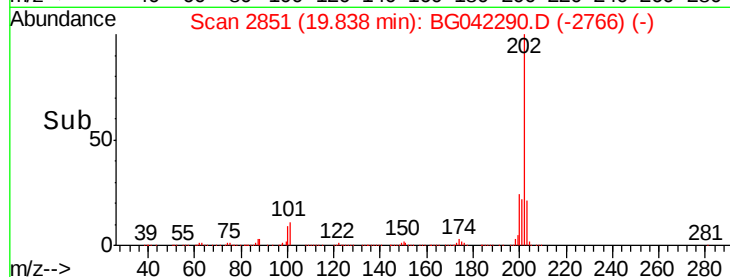
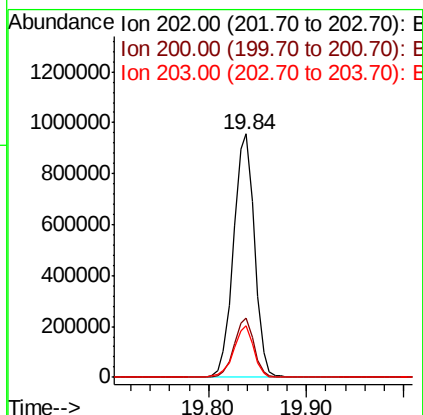
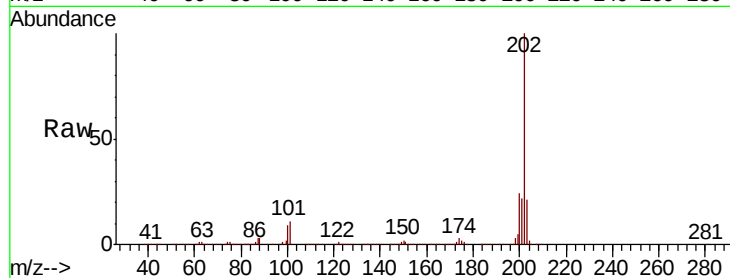




#78
 Pyrene
 Concen: 49.644 ng
 RT: 19.84 min Scan# 2851
 Delta R.T. -0.03 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

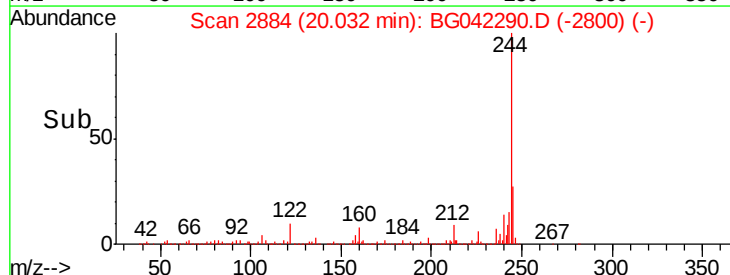
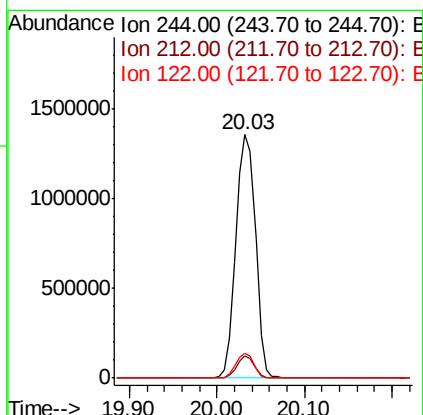
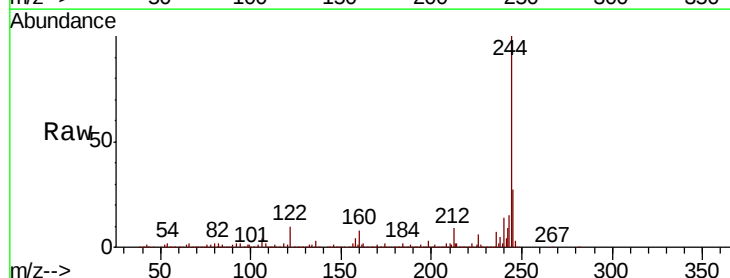
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

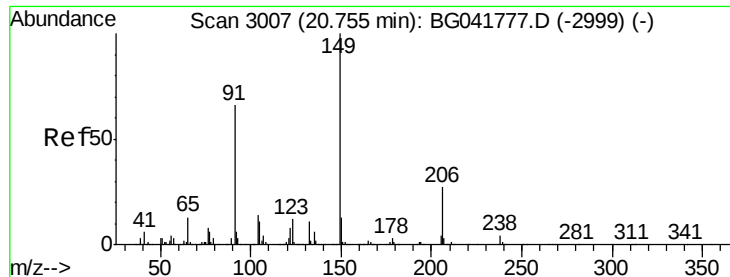
Tgt Ion:202 Resp: 1417382
 Ion Ratio Lower Upper
 202 100
 200 24.3 22.2 33.2
 203 21.0 18.9 28.3



#79
 Terphenyl-d14
 Concen: 96.847 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.03 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Tgt Ion:244 Resp: 2039480
 Ion Ratio Lower Upper
 244 100
 212 9.0 9.7 14.5#
 122 10.3 12.5 18.7#

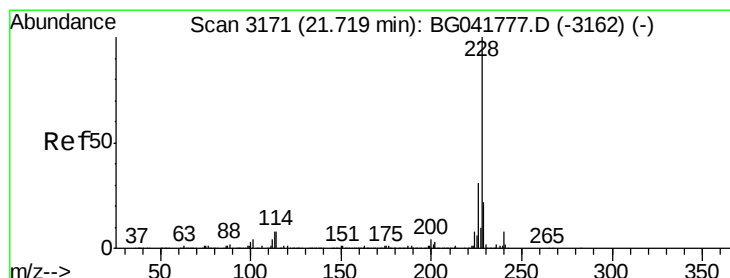
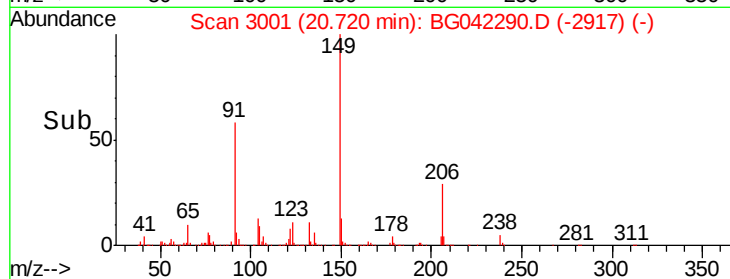
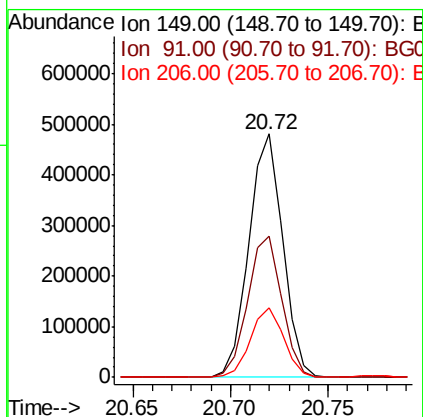
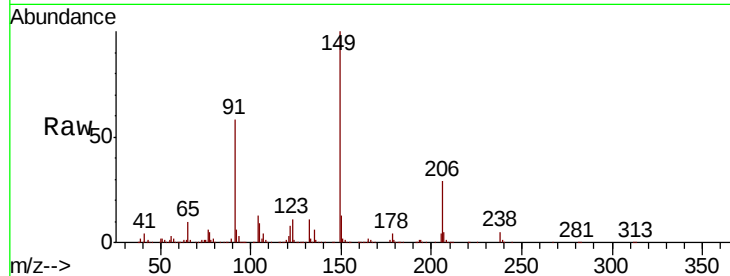




#80
Butylbenzylphthalate
Concen: 52.826 ng
RT: 20.72 min Scan# 3001
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

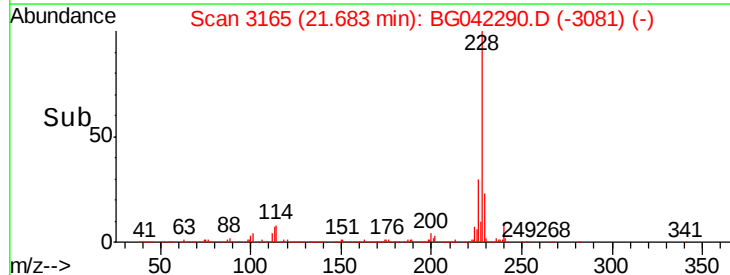
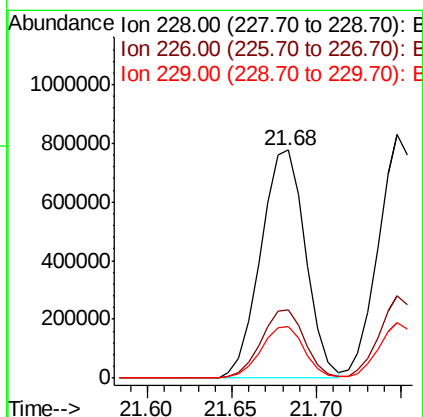
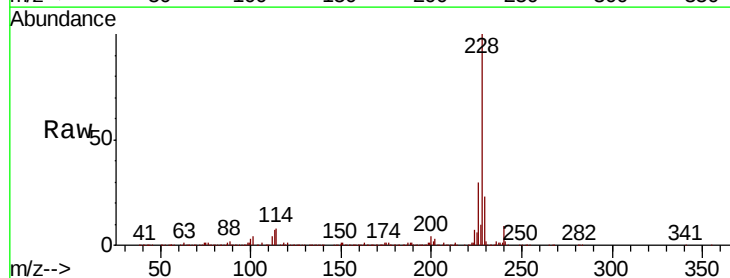
Instrument :
BNA_G
ClientSampleId :
JC-03-081519-AMS

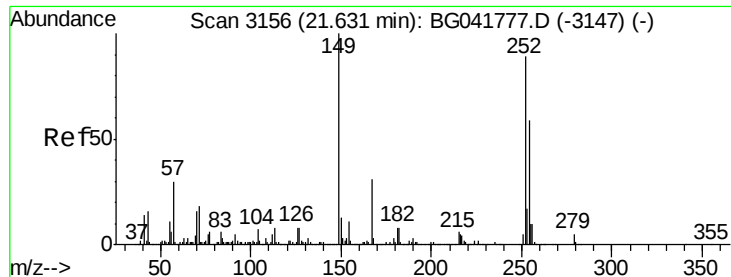
Tgt Ion:149 Resp: 578254
Ion Ratio Lower Upper
149 100
91 57.8 58.9 88.3#
206 28.8 20.8 31.2



#81
Benzo(a)anthracene
Concen: 50.110 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.04 min
Lab File: BG042290.D
Acq: 17 Aug 2019 14:49

Tgt Ion:228 Resp: 1428653
Ion Ratio Lower Upper
228 100
226 30.2 27.3 40.9
229 22.5 19.7 29.5

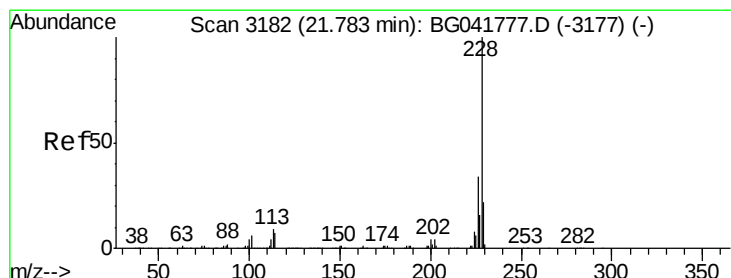
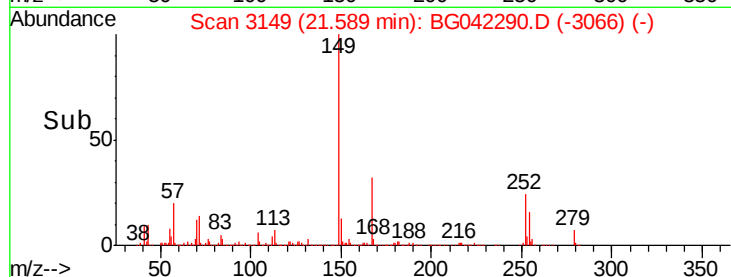
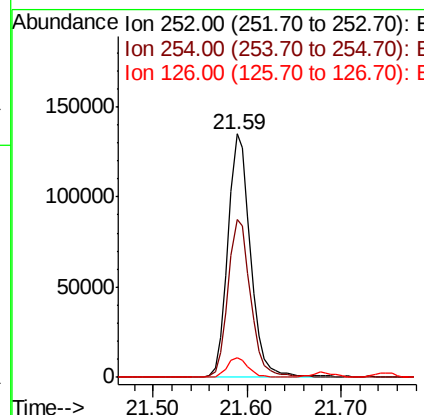
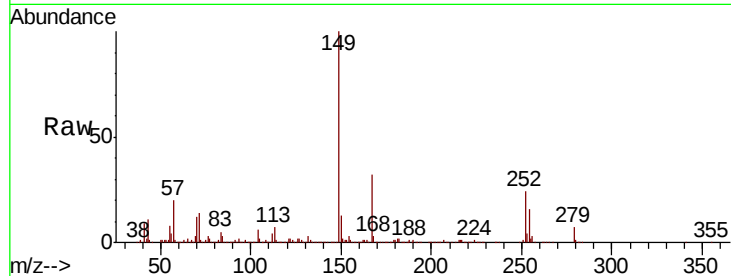




#82
 3,3'-Dichlorobenzidine
 Concen: 19.791 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

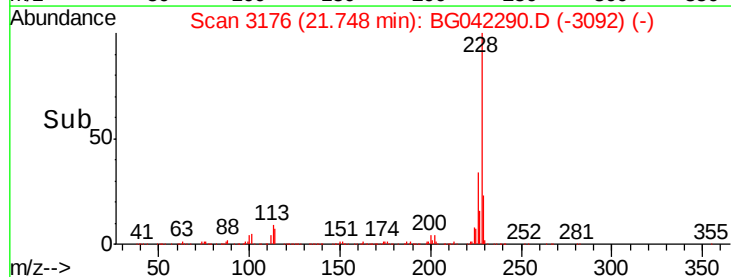
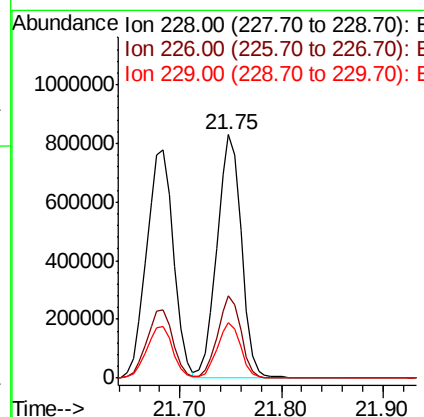
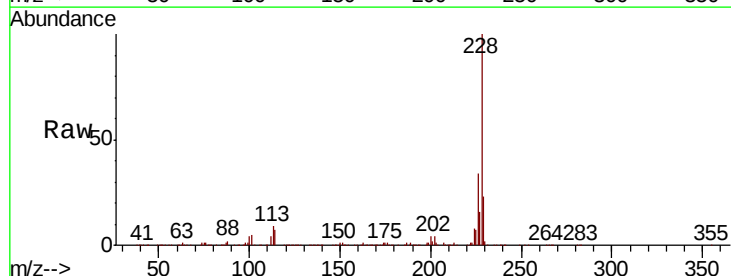
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

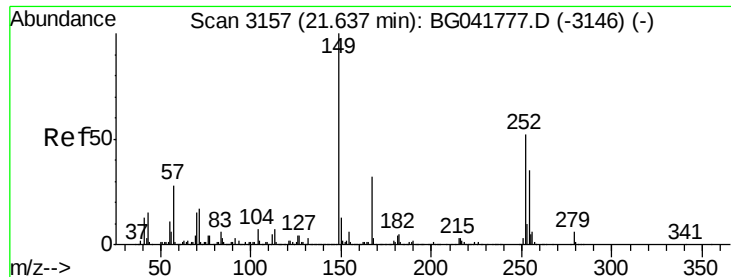
Tgt Ion:252 Resp: 226547
 Ion Ratio Lower Upper
 252 100
 254 64.8 53.8 80.6
 126 7.8 7.8 11.8#



#83
 Chrysene
 Concen: 50.359 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.04 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Tgt Ion:228 Resp: 1376254
 Ion Ratio Lower Upper
 228 100
 226 33.9 30.1 45.1
 229 22.9 19.8 29.6

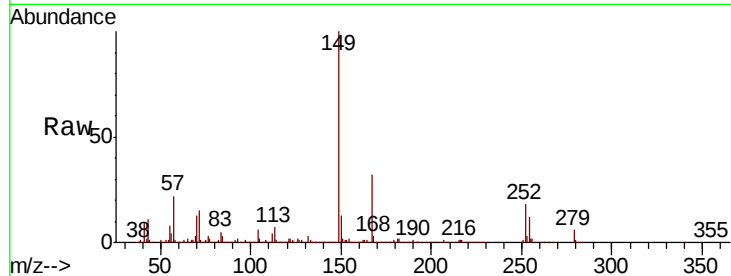




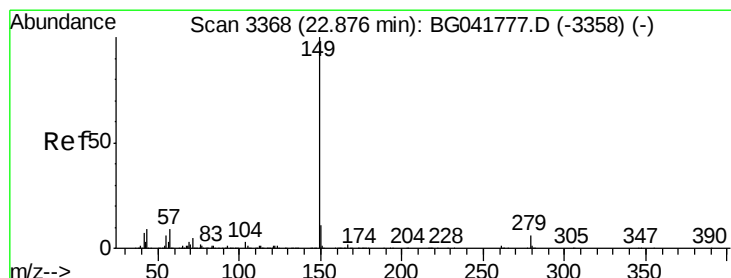
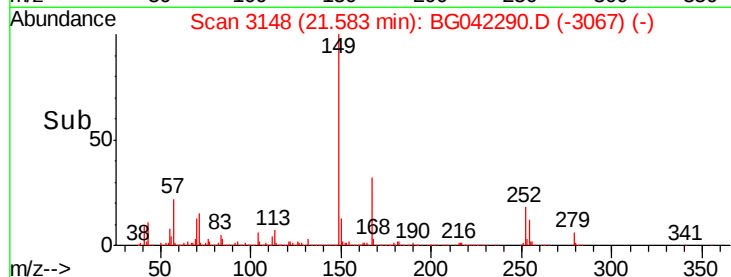
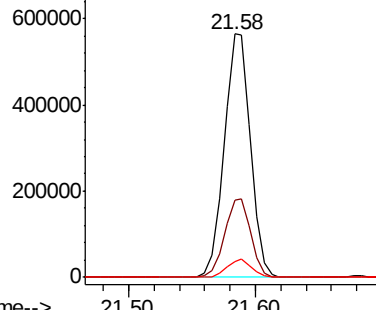
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.828 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.05 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-081519-AMS

Tgt Ion:149 Resp: 812790
 Ion Ratio Lower Upper
 149 100
 167 31.6 27.0 40.4
 279 6.4 5.0 7.6

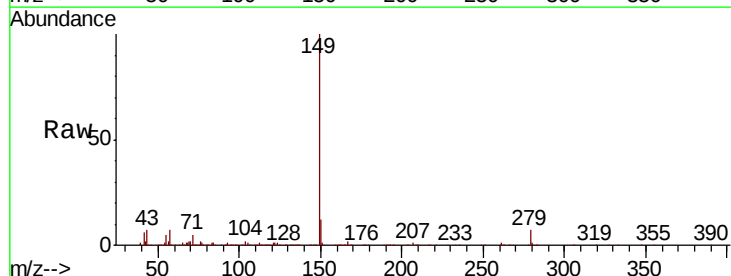


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

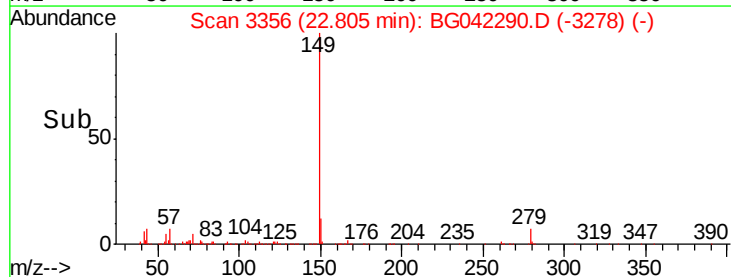
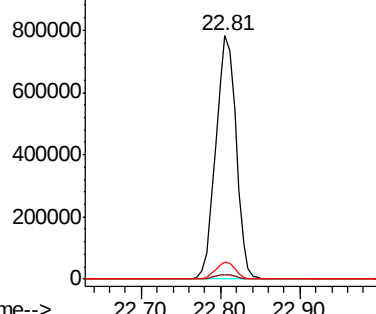


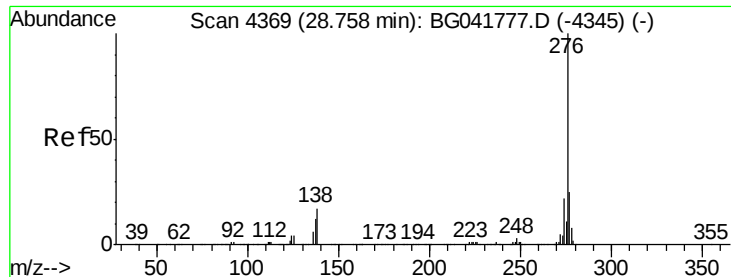
#85
 Di-n-octyl phthalate
 Concen: 54.649 ng
 RT: 22.81 min Scan# 3356
 Delta R.T. -0.07 min
 Lab File: BG042290.D
 Acq: 17 Aug 2019 14:49

Tgt Ion:149 Resp: 1388739
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.6 2.4
 43 6.7 10.6 16.0#



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: 52.439 ng

RT: 28.66 min Scan# 4353

Delta R.T. -0.09 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

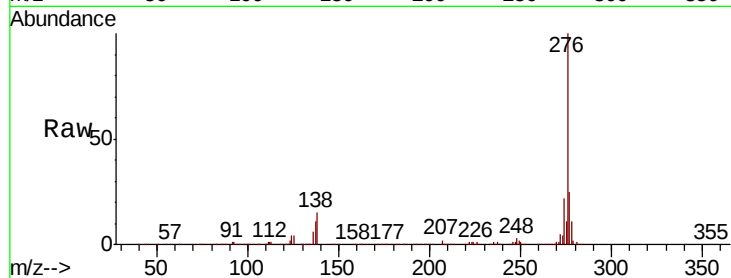
Tgt Ion:276 Resp: 1897137

Ion Ratio Lower Upper

276 100

138 18.6 19.4 29.0#

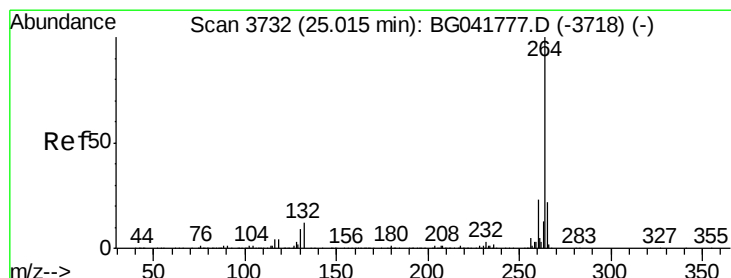
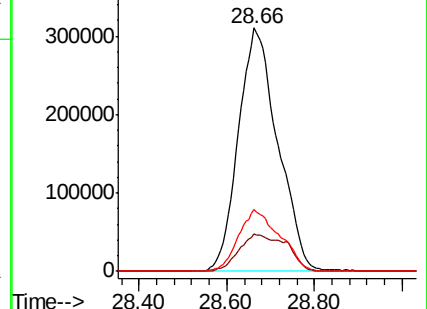
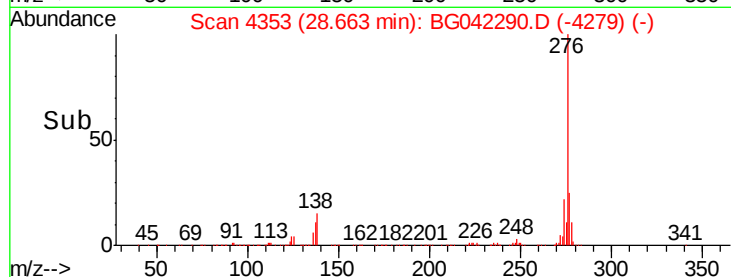
277 26.6 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3720

Delta R.T. -0.07 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

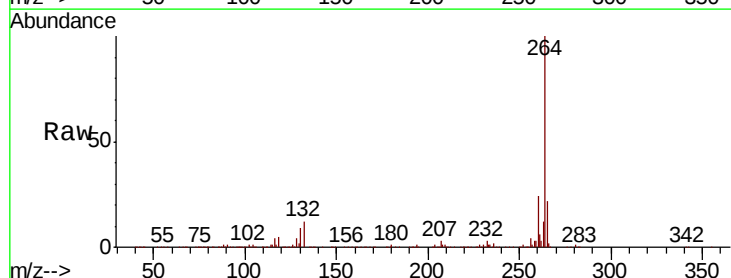
Tgt Ion:264 Resp: 574014

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

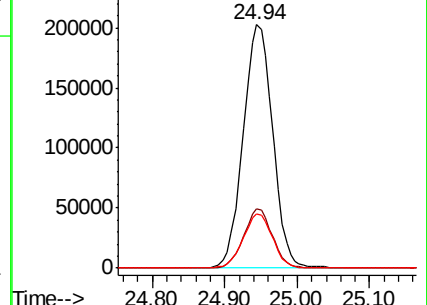
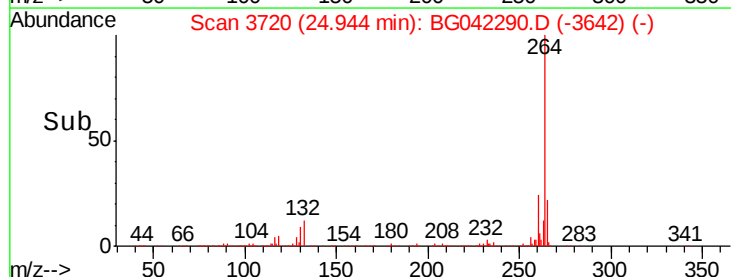
265 22.0 18.0 27.0

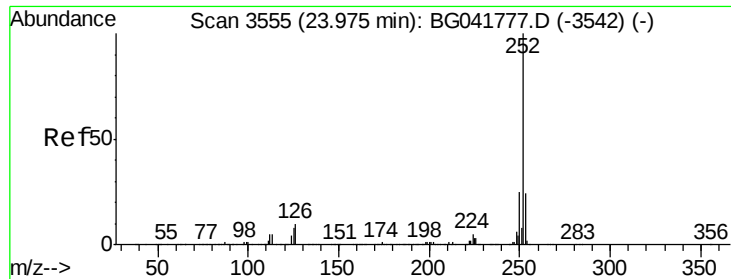


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 49.502 ng

RT: 23.99 min Scan# 3557

Delta R.T. 0.01 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

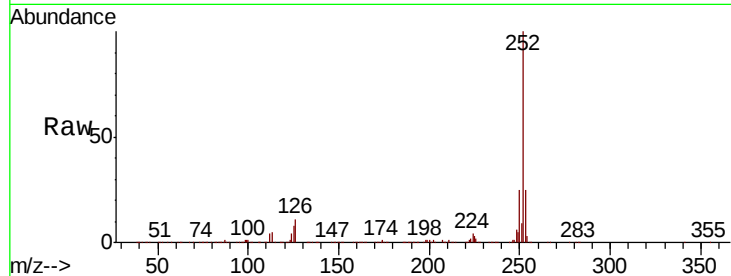
Tgt Ion:252 Resp: 1554433

Ion Ratio Lower Upper

252 100

253 24.9 20.6 30.8

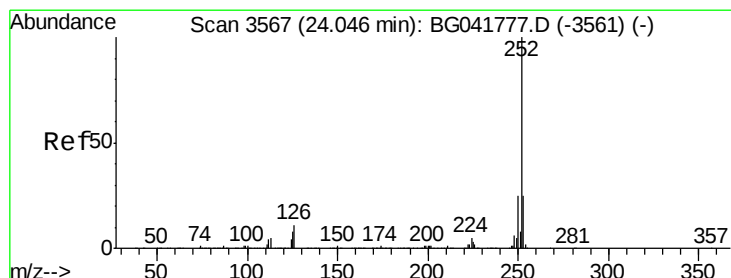
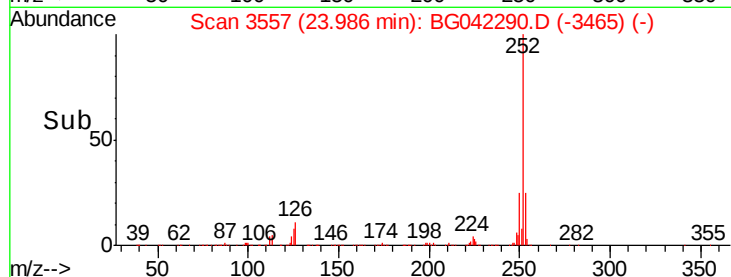
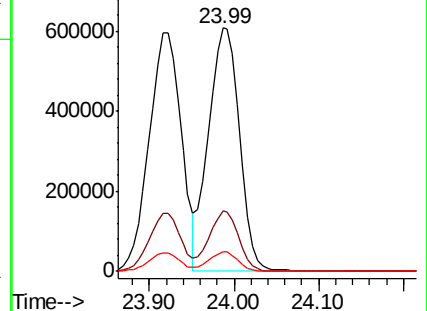
125 8.0 8.0 12.0



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: 50.819 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.06 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

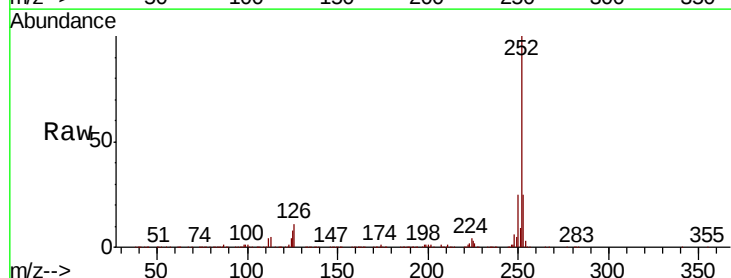
Tgt Ion:252 Resp: 1554433

Ion Ratio Lower Upper

252 100

253 24.9 20.5 30.7

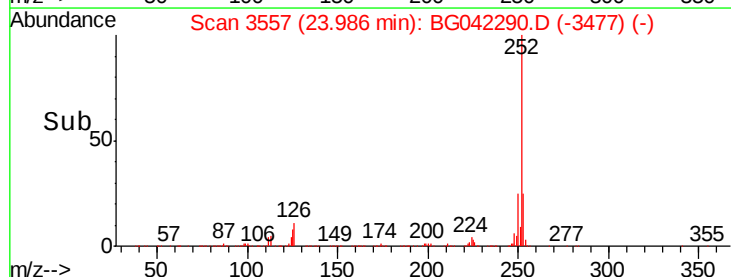
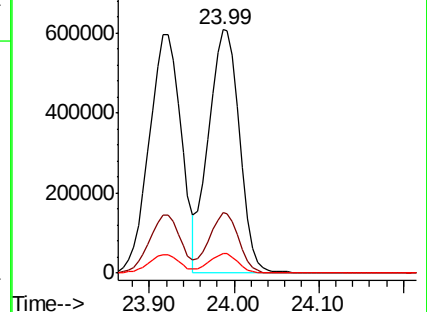
125 8.0 8.4 12.6#

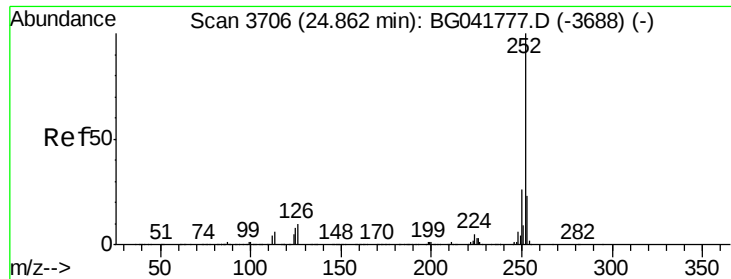


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 51.512 ng

RT: 24.80 min Scan# 3696

Delta R.T. -0.06 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

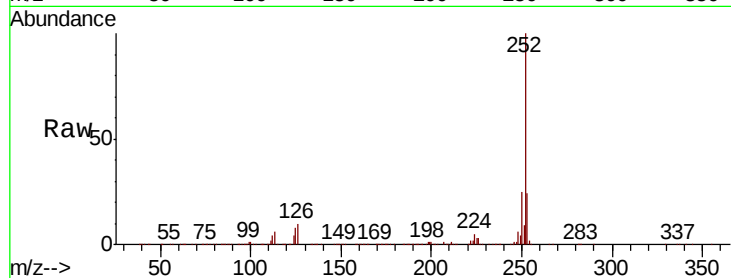
Tgt Ion:252 Resp: 1551322

Ion Ratio Lower Upper

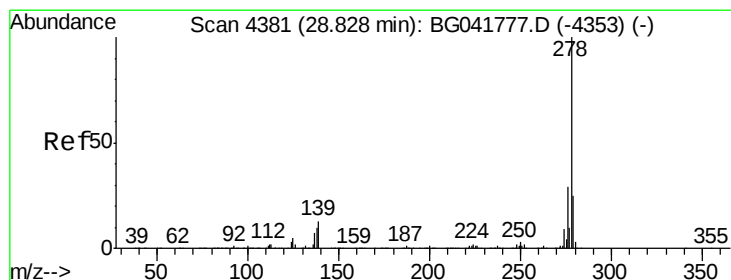
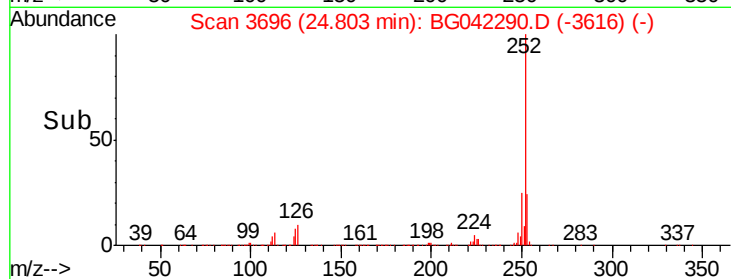
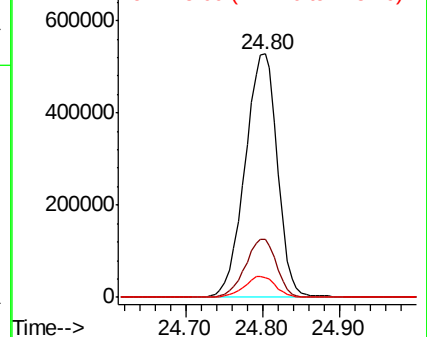
252 100

253 23.8 19.8 29.8

125 8.2 8.8 13.2#



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: 52.431 ng

RT: 28.73 min Scan# 4365

Delta R.T. -0.09 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

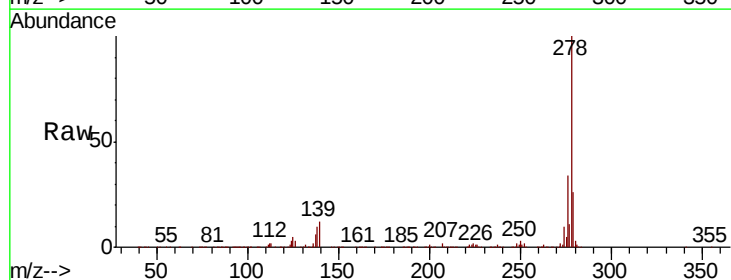
Tgt Ion:278 Resp: 1550441

Ion Ratio Lower Upper

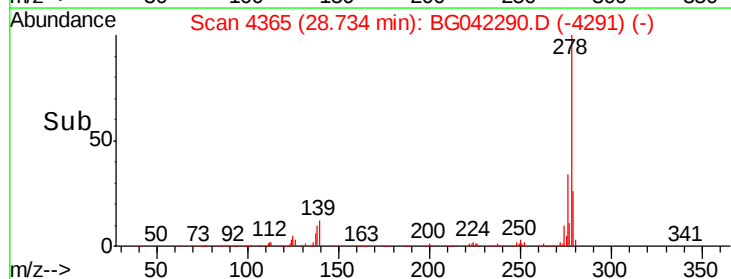
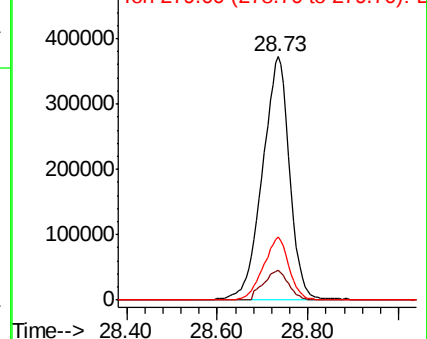
278 100

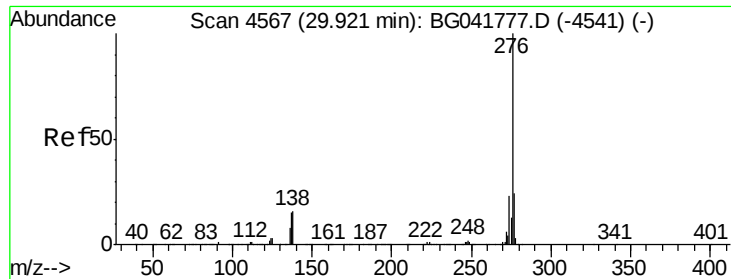
139 12.2 12.6 19.0#

279 25.9 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 53.599 ng

RT: 29.84 min Scan# 4553

Delta R.T. -0.08 min

Lab File: BG042290.D

Acq: 17 Aug 2019 14:49

Instrument :

BNA_G

ClientSampleId :

JC-03-081519-AMS

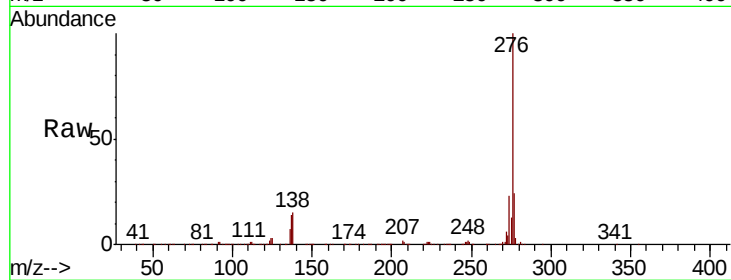
Tgt Ion:276 Resp: 1583525

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 15.4 16.6 25.0#



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

