

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040715.D
 Acq On : 2 May 2019 20:16
 Operator : JU/SJ
 Sample : K2204-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MS

Quant Time: May 03 04:23:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41004	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	167417	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	130484	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	364403	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	366420	20.00	ng	-0.02
87) Perylene-d12	25.16	264	378824	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	372990	160.35	ng	0.00
7) Phenol-d6	7.28	99	536517	149.80	ng	-0.01
23) Nitrobenzene-d5	9.32	82	404935	111.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	334043	186.25	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	862430	95.45	ng	-0.02
79) Terphenyl-d14	20.12	244	1792626	108.38	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	47428	44.833	ng	# 42
3) Pyridine	3.96	79	165027	53.820	ng	99
4) n-Nitrosodimethylamine	3.88	42	83133	48.880	ng	95
6) Aniline	7.47	93	60189	12.679	ng	97
8) 2-Chlorophenol	7.71	128	143639	50.572	ng	94
9) Benzaldehyde	7.28	77	36350	12.543	ng	90
10) Phenol	7.31	94	188030	48.839	ng	93
11) bis(2-Chloroethyl)ether	7.57	93	139001	48.146	ng	95
12) 1,3-Dichlorobenzene	8.04	146	143392	46.254	ng	99
13) 1,4-Dichlorobenzene	8.18	146	146702	46.680	ng	97
14) 1,2-Dichlorobenzene	8.50	146	141563	46.708	ng	97
15) Benzyl Alcohol	8.38	79	175232	47.021	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	241791	42.066	ng	98
17) 2-Methylphenol	8.58	107	143798	52.778	ng	96
18) Hexachloroethane	9.23	117	55593	43.123	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	141272	43.818	ng	97
20) 3+4-Methylphenols	8.91	107	198884	52.399	ng	99
22) Acetophenone	8.98	105	252740	54.289	ng	# 93
24) Nitrobenzene	9.37	77	217485	56.258	ng	97
25) Isophorone	9.88	82	400339	49.603	ng	98
26) 2-Nitrophenol	10.08	139	85057	61.381	ng	97
27) 2,4-Dimethylphenol	10.12	122	162507	62.503	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	202255	49.948	ng	99
29) 2,4-Dichlorophenol	10.61	162	177790	60.148	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	174438	53.217	ng	100
31) Naphthalene	11.02	128	460411	51.764	ng	98
32) Benzoic acid	10.25	122	110177	61.900	ng	94
33) 4-Chloroaniline	11.13	127	12720	3.226	ng	94
34) Hexachlorobutadiene	11.29	225	124319	51.373	ng	97
35) Caprolactam	11.91	113	38440	32.939	ng	96
36) 4-Chloro-3-methylphenol	12.23	107	229414	61.524	ng	96
37) 2-Methylnaphthalene	12.62	142	356377	53.590	ng	99
38) 1-Methylnaphthalene	12.84	142	345213	53.109	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	239824	49.338	ng	99

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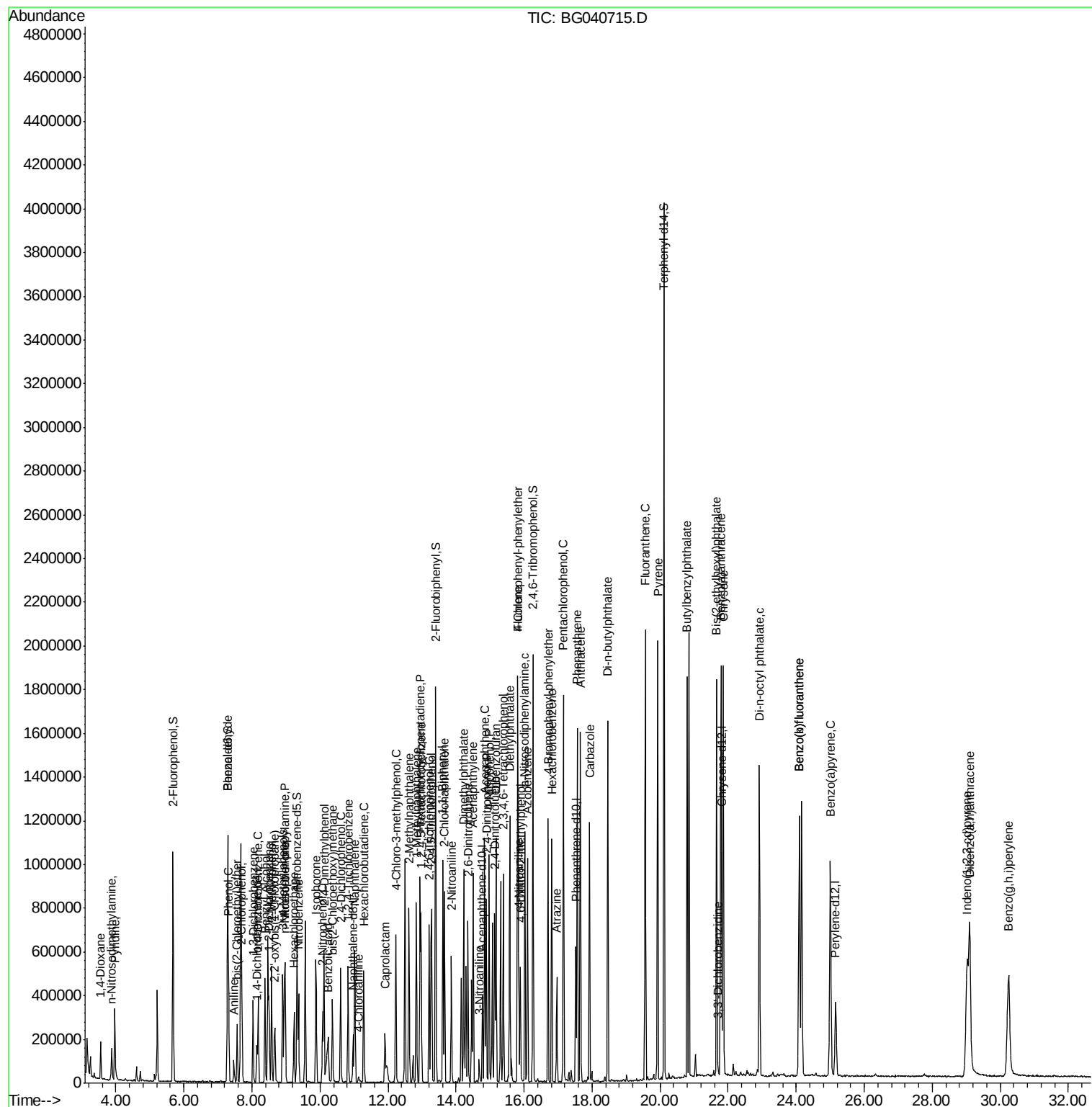
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	279644	97.495	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	176401	60.052	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	193676	60.525	ng	96
46) 1,1'-Biphenyl	13.61	154	488476	48.217	ng	97
47) 2-Chloronaphthalene	13.66	162	403562	50.901	ng	99
48) 2-Nitroaniline	13.86	65	169306	59.991	ng	98
49) Acenaphthylene	14.50	152	662408	49.245	ng	100
50) Dimethylphthalate	14.23	163	596458	54.634	ng	100
51) 2,6-Dinitrotoluene	14.35	165	132382	62.130	ng	98
52) Acenaphthene	14.84	154	400966	51.186	ng	97
53) 3-Nitroaniline	14.69	138	21590	9.889	ng	# 87
54) 2,4-Dinitrophenol	14.89	184	165591	132.728	ng	# 83
55) Dibenzofuran	15.17	168	671564	52.340	ng	99
56) 4-Nitrophenol	14.97	139	211221	111.577	ng	96
57) 2,4-Dinitrotoluene	15.13	165	193070	66.684	ng	98
58) Fluorene	15.82	166	553959	53.416	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	208612	64.771	ng	98
60) Diethylphthalate	15.58	149	627993	54.519	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	335802	55.674	ng	98
62) 4-Nitroaniline	15.84	138	96632	39.569	ng	97
63) Azobenzene	16.10	77	595540	50.203	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	110384	59.484	ng	93
66) n-Nitrosodiphenylamine	16.02	169	432961	40.384	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	227503	50.111	ng	96
68) Hexachlorobenzene	16.81	284	238386	50.782	ng	95
69) Atrazine	16.96	200	89060	20.967	ng	97
70) Pentachlorophenol	17.15	266	326874	118.994	ng	98
71) Phenanthrene	17.57	178	1006403	51.275	ng	97
72) Anthracene	17.65	178	1014358	51.414	ng	99
73) Carbazole	17.92	167	752408	41.859	ng	99
74) Di-n-butylphthalate	18.46	149	1090184	50.250	ng	99
75) Fluoranthene	19.56	202	1292872	52.858	ng	99
78) Pyrene	19.93	202	1295299	56.402	ng	98
80) Butylbenzylphthalate	20.79	149	507321	56.678	ng	98
81) Benzo(a)anthracene	21.78	228	1247557	53.872	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	22191	2.688	ng	98
83) Chrysene	21.85	228	1214836	55.160	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	691490	53.518	ng	97
85) Di-n-octyl phthalate	22.92	149	1182026	54.321	ng	98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1432179	53.785	ng	# 89
88) Benzo(b)fluoranthene	24.09	252	1283795	55.457	ng	98
89) Benzo(k)fluoranthene	24.09	252	1283795	59.382	ng	98
90) Benzo(a)pyrene	25.00	252	1233741	56.302	ng	99
91) Dibenzo(a,h)anthracene	29.10	278	1178732	53.156	ng	97
92) Benzo(g,h,i)perylene	30.25	276	1141836	51.738	ng	98

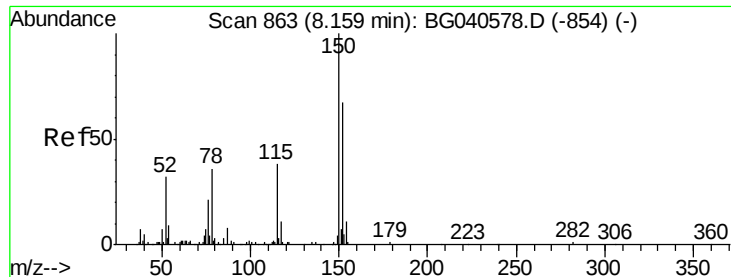
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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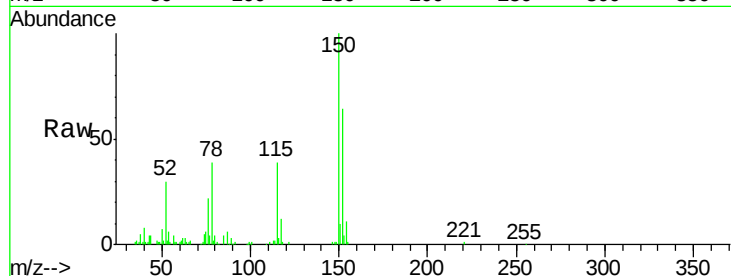


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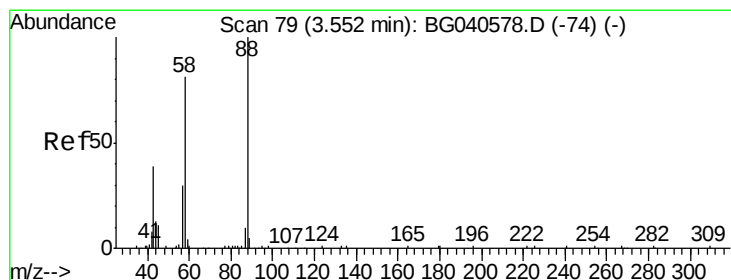
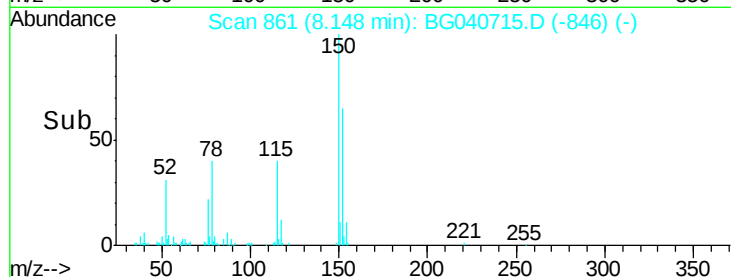
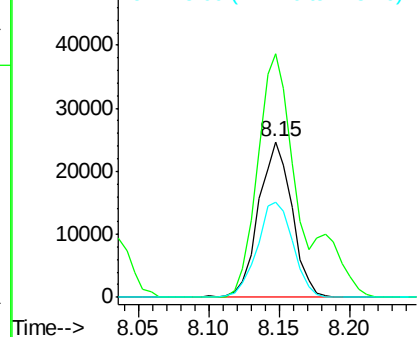
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

Tot Ion:152 Resp: 41004
Ion Ratio Lower Upper
152 100
150 156.6 120.2 180.2
115 61.6 46.2 69.2



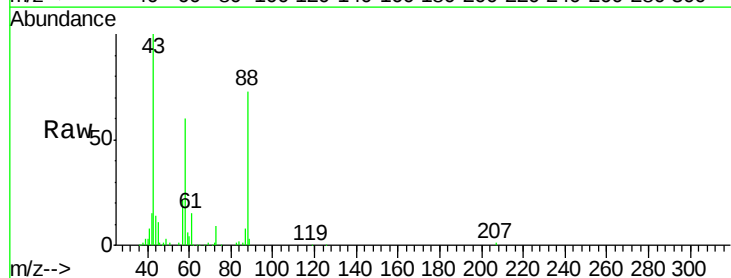
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



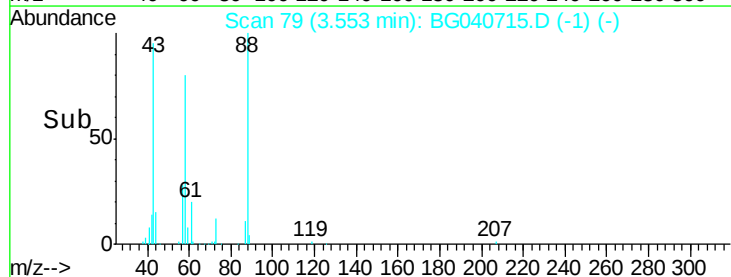
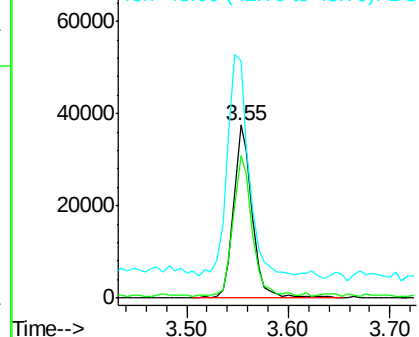
#2

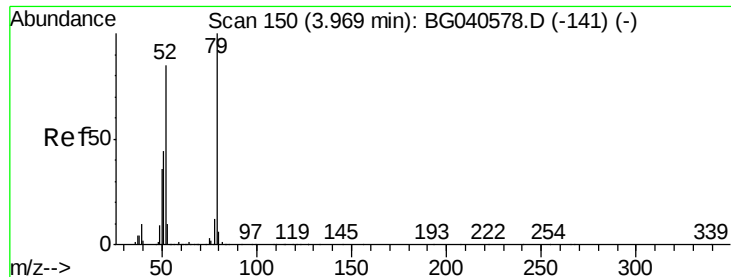
1,4-Dioxane
Concen: 44.833 ng
RT: 3.55 min Scan# 79
Delta R.T. 0.00 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion: 88 Resp: 47428
Ion Ratio Lower Upper
88 100
58 81.5 71.2 106.8
43 147.0 35.6 53.4#



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





#3

Pvridine

Concen: 53.820 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

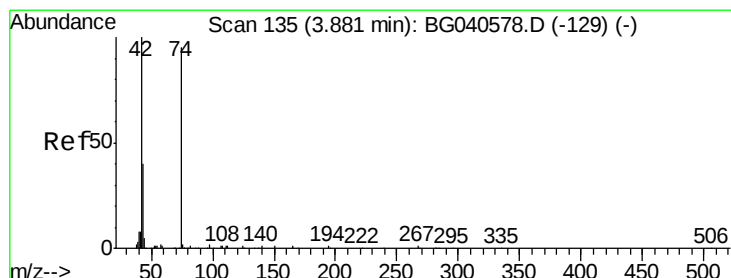
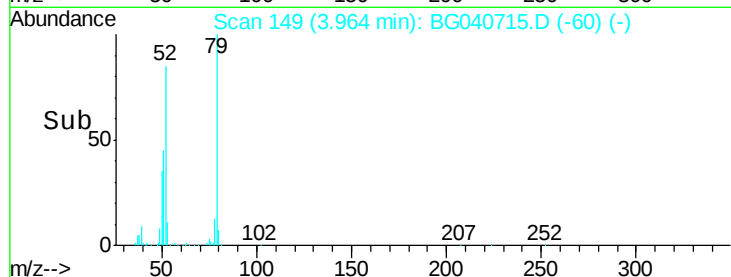
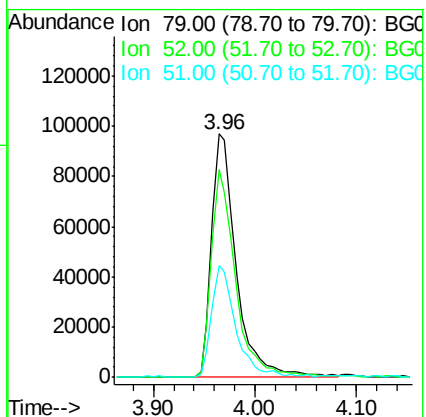
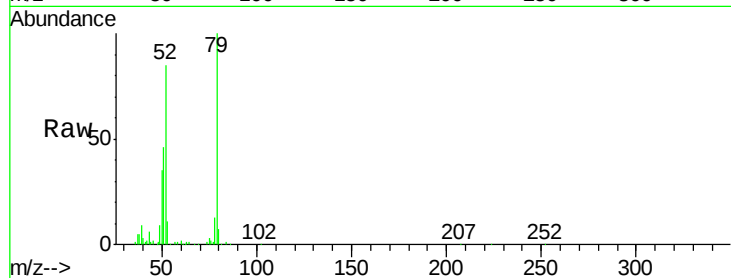
Tot Ion: 79 Resp: 165027

Ion Ratio Lower Upper

79 100

52 85.1 67.5 101.3

51 45.7 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 48.880 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

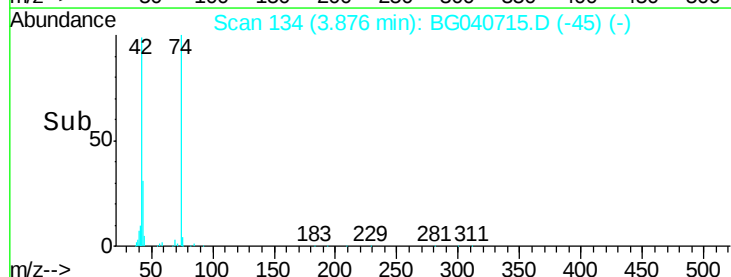
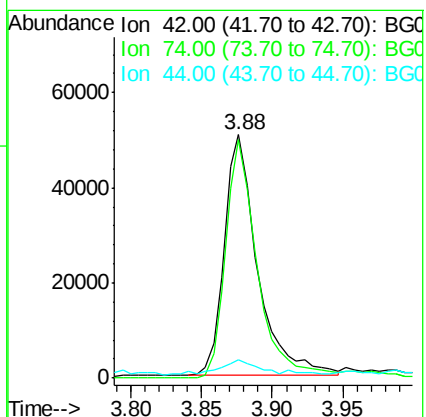
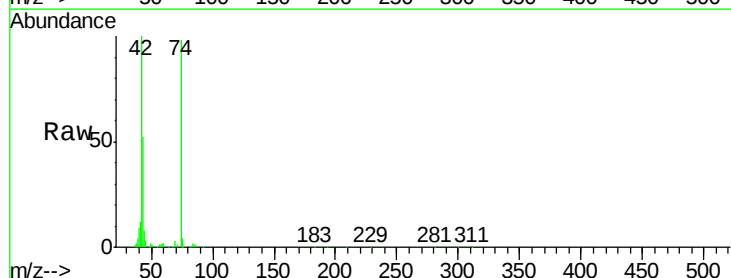
Tgt Ion: 42 Resp: 83133

Ion Ratio Lower Upper

42 100

74 97.9 74.6 111.8

44 7.7 7.4 11.0





#5

2-Fluorophenol

Concen: 160.349 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

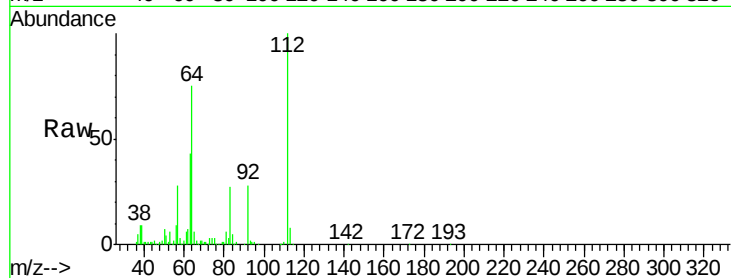
Tot Ion:112 Resp: 372990

Ion Ratio Lower Upper

112 100

64 74.8 61.4 92.0

63 42.6 37.8 56.6

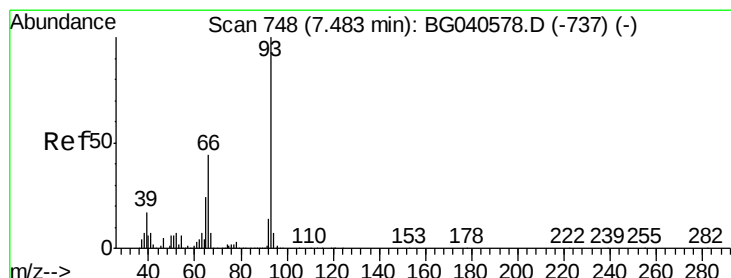
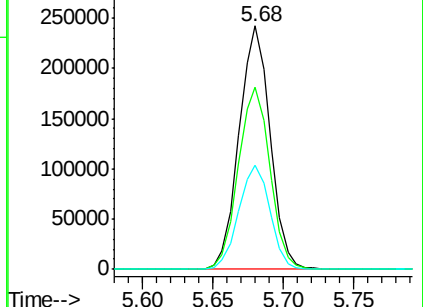
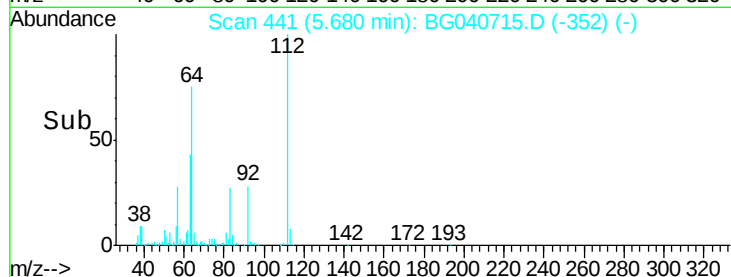


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Time-->



#6

Aniline

Concen: 12.679 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

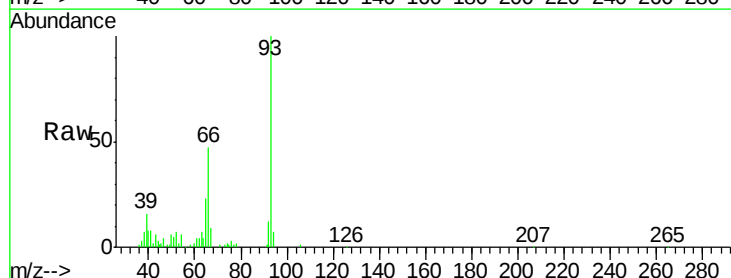
Tgt Ion: 93 Resp: 60189

Ion Ratio Lower Upper

93 100

66 47.4 35.5 53.3

65 23.3 19.2 28.8

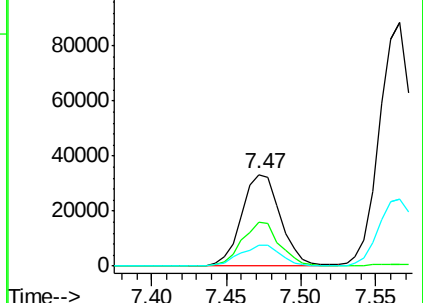
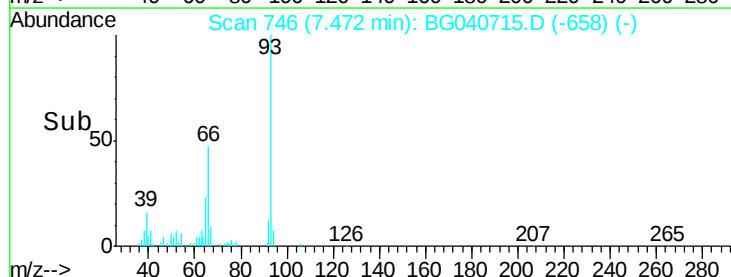


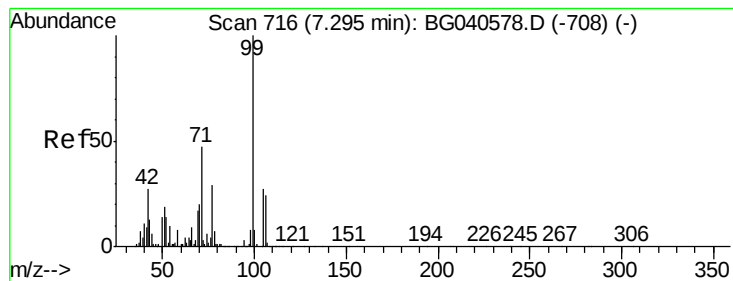
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Time-->





#7

Phenol-d6

Concen: 149.800 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040715.D

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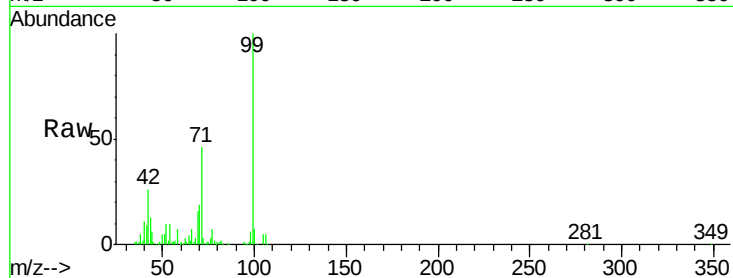
Tot Ion: 99 Resp: 536517

Ion Ratio Lower Upper

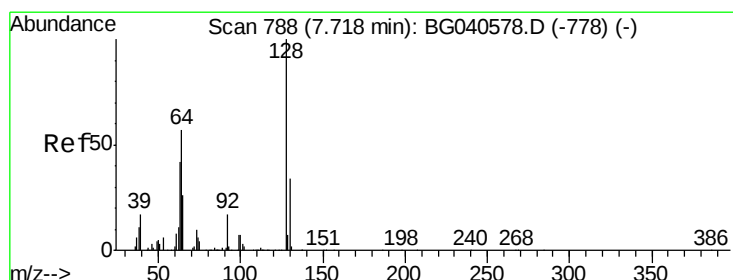
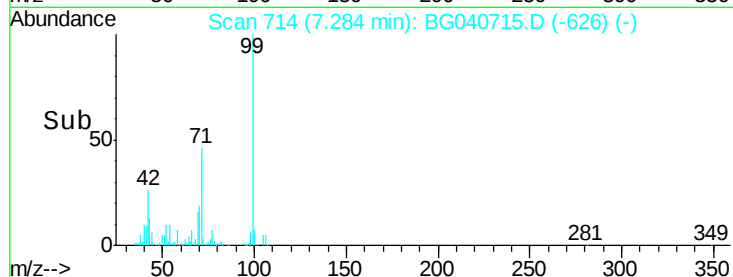
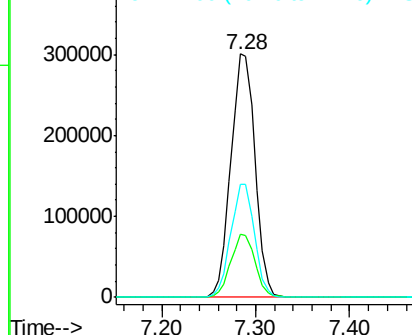
99 100

42 25.7 21.8 32.8

71 46.3 38.6 57.8



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



#8

2-Chlorophenol

Concen: 50.572 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

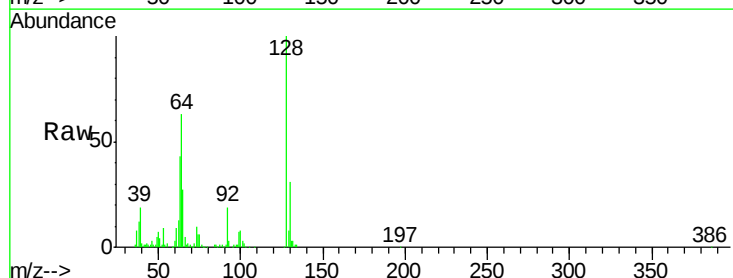
Tgt Ion: 128 Resp: 143639

Ion Ratio Lower Upper

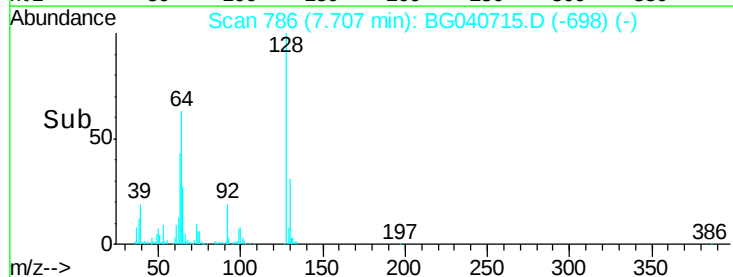
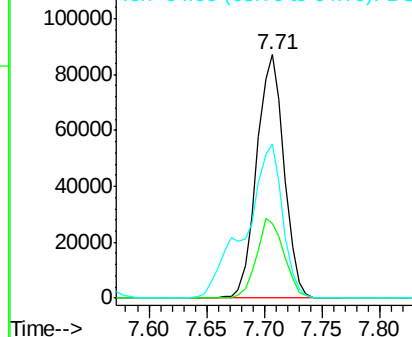
128 100

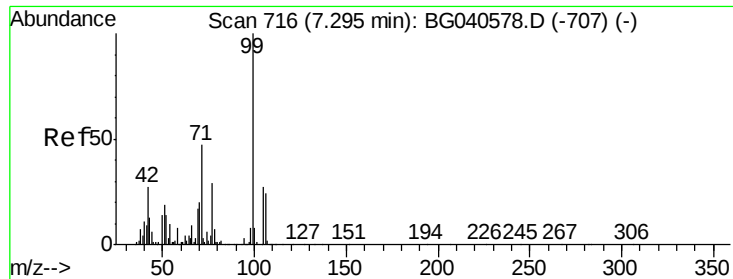
130 30.8 14.5 54.5

64 63.0 38.4 78.4



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





#9

Benzaldehyde

Concen: 12.543 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

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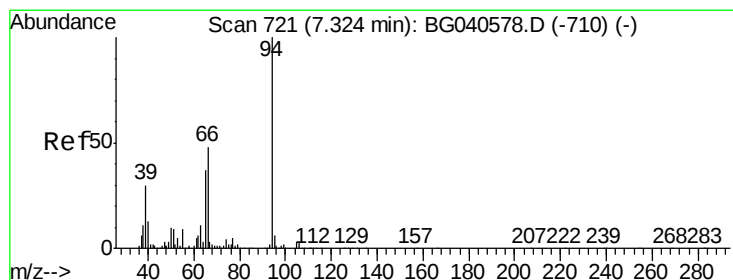
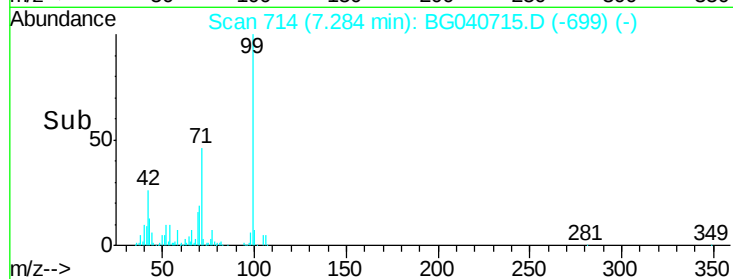
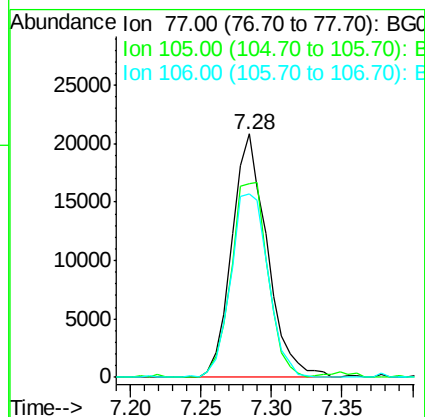
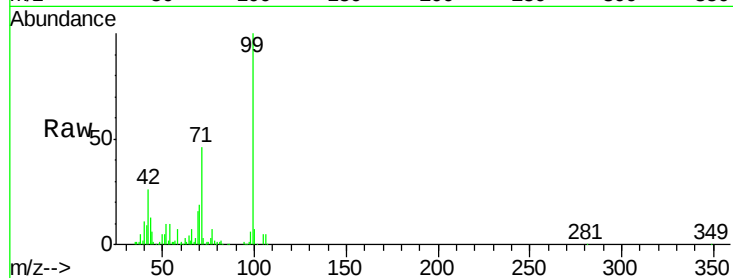
Tot Ion: 77 Resp: 36350

Ion Ratio Lower Upper

77 100

105 79.4 72.0 112.0

106 75.2 61.2 101.2



#10

Phenol

Concen: 48.839 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

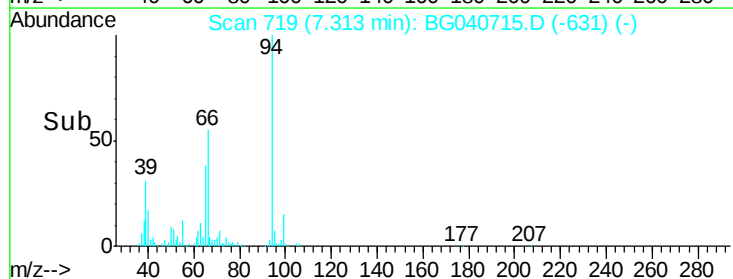
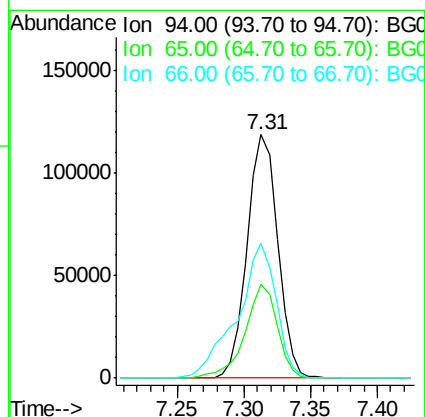
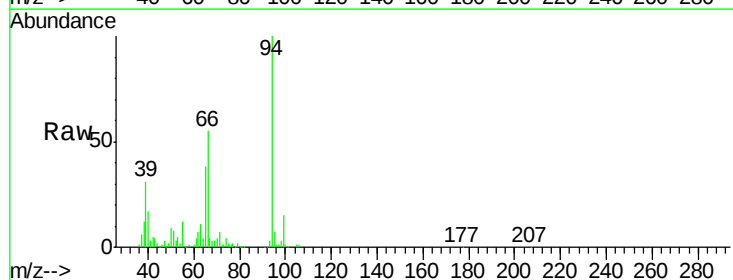
Tgt Ion: 94 Resp: 188030

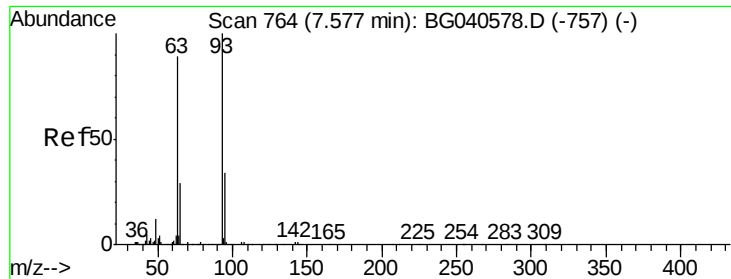
Ion Ratio Lower Upper

94 100

65 38.4 17.0 57.0

66 55.2 28.6 68.6

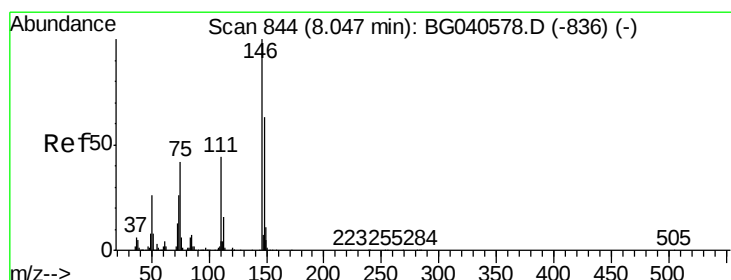
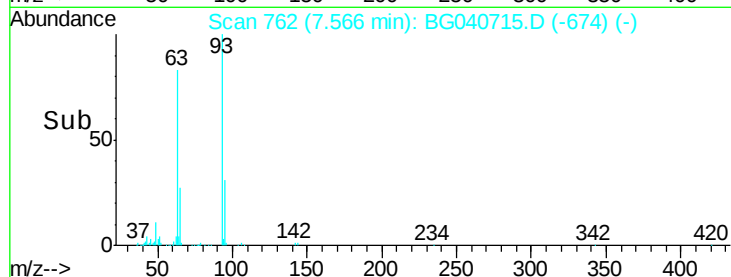
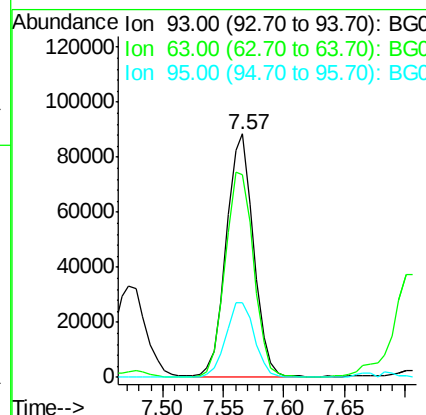
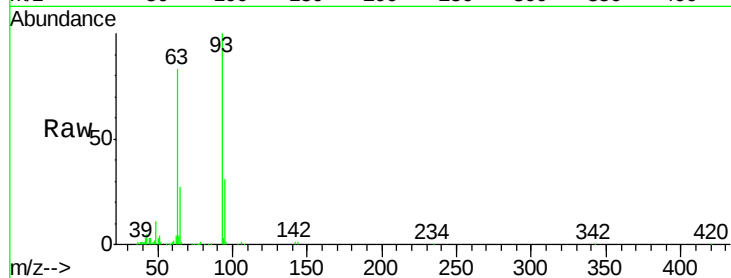




#11
 bis(2-Chloroethyl)ether
 Concen: 48.146 ng
 RT: 7.57 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

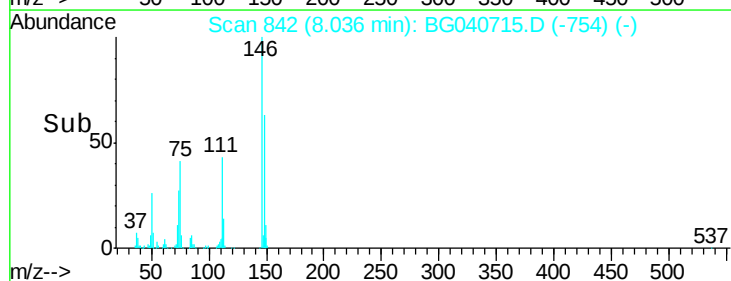
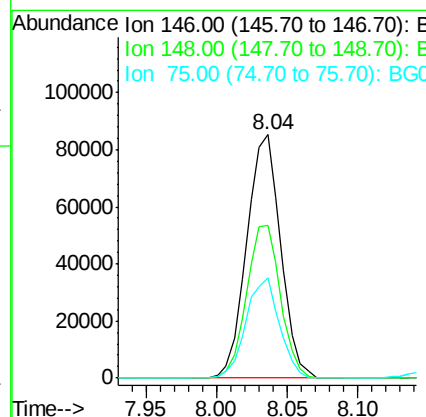
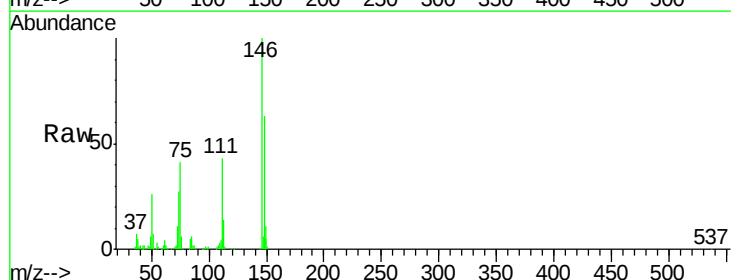
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MS

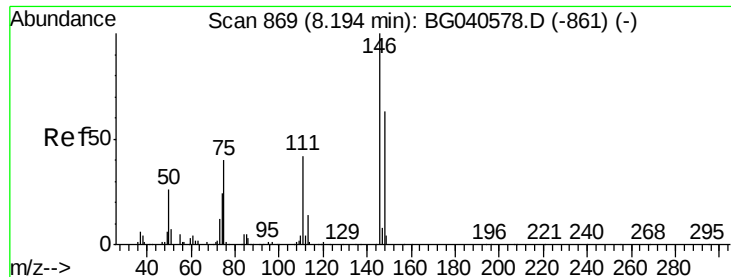
Tot Ion: 93 Resp: 139001
 Ion Ratio Lower Upper
 93 100
 63 83.5 68.2 108.2
 95 30.5 14.3 54.3



#12
 1,3-Dichlorobenzene
 Concen: 46.254 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

Tgt Ion: 146 Resp: 143392
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.7 76.1
 75 41.4 33.4 50.2

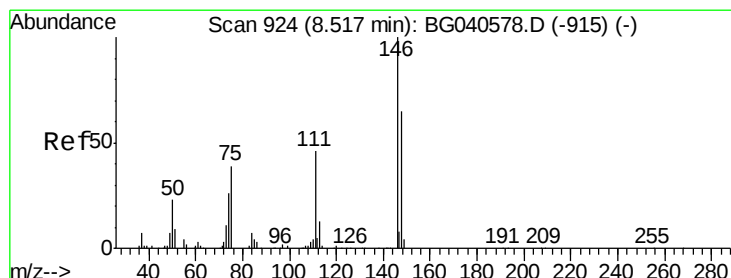
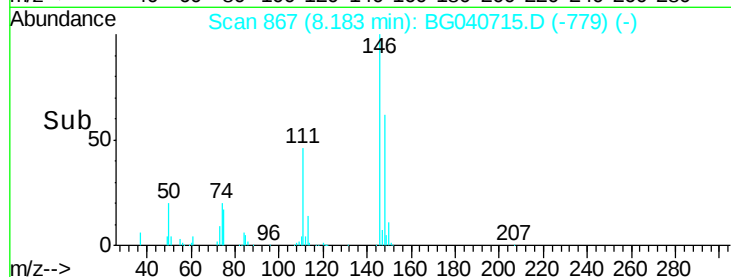
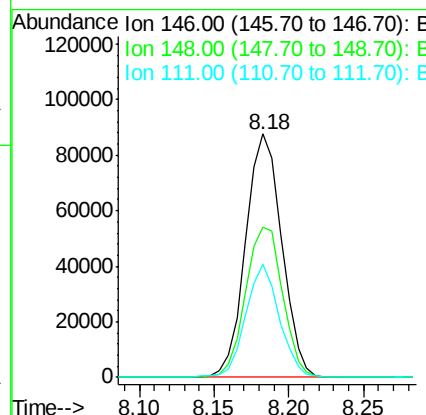
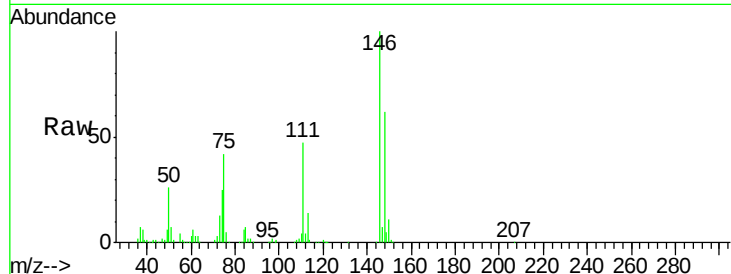




#13
 1,4-Dichlorobenzene
 Concen: 46.680 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

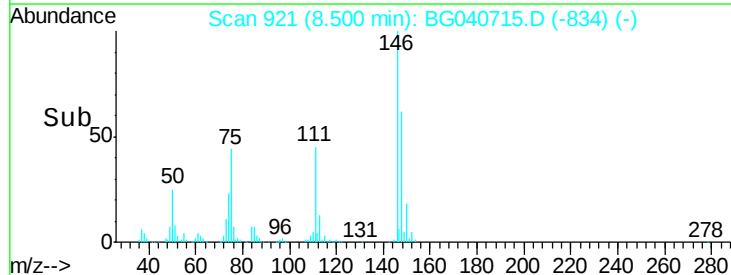
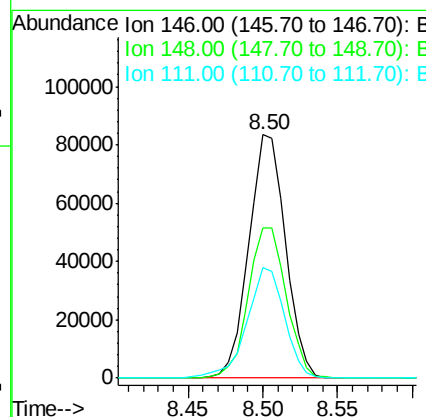
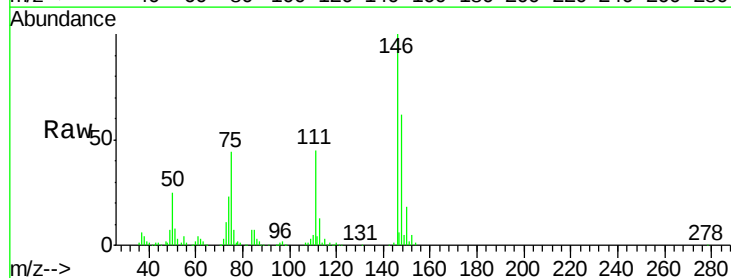
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MS

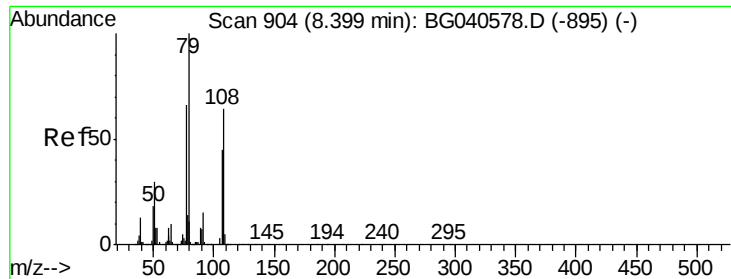
Tot Ion:146 Resp: 146702
 Ion Ratio Lower Upper
 146 100
 148 61.6 50.6 75.8
 111 46.5 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 46.708 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

Tgt Ion:146 Resp: 141563
 Ion Ratio Lower Upper
 146 100
 148 61.8 52.2 78.4
 111 45.5 37.4 56.0

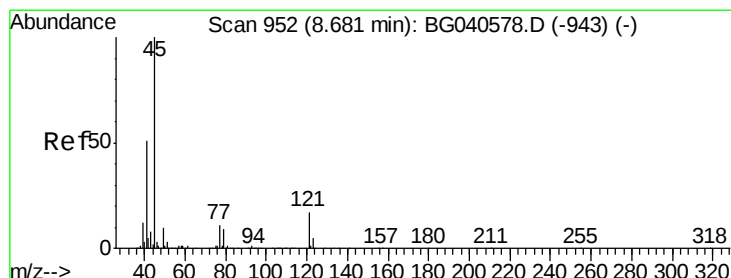
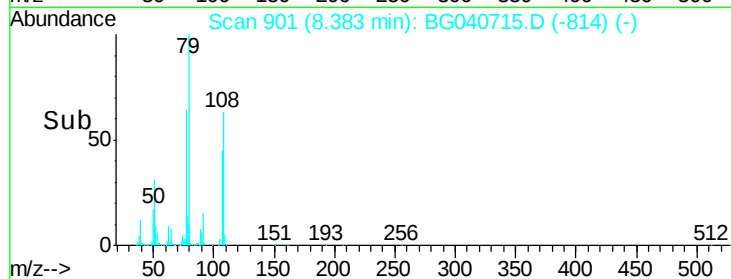
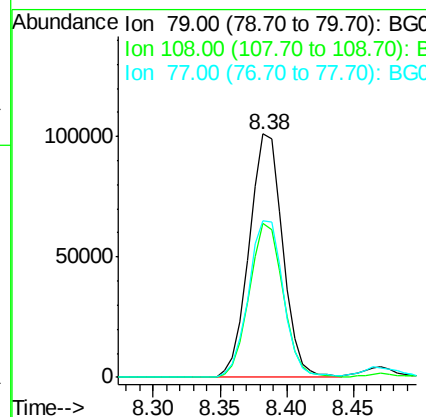
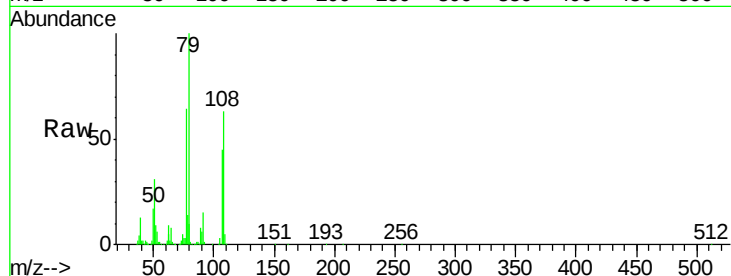




#15
Benzyl Alcohol
Concen: 47.021 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

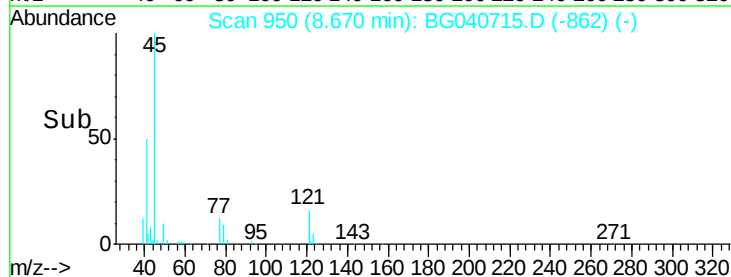
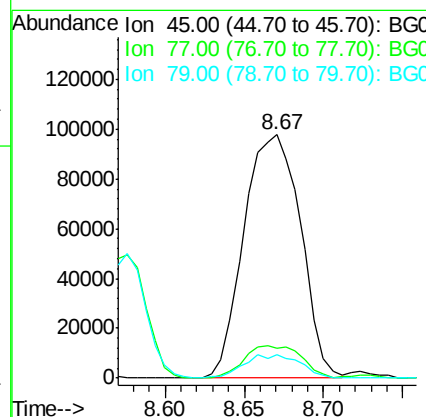
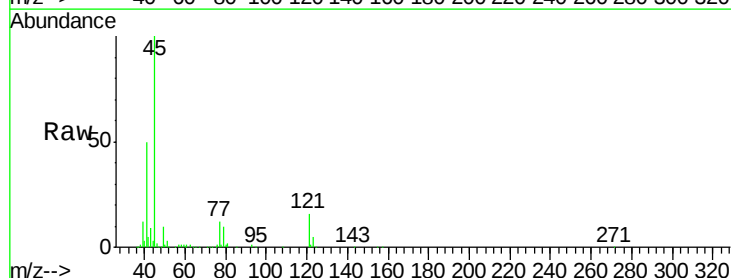
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

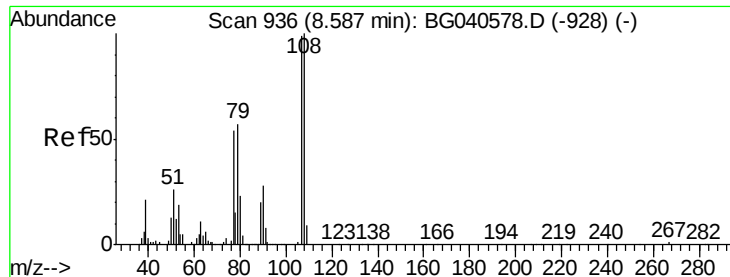
Tot Ion: 79 Resp: 175232
Ion Ratio Lower Upper
79 100
108 63.1 51.4 77.0
77 64.2 52.6 79.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.066 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion: 45 Resp: 241791
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 9.5 0.0 29.4





#17

2-Methylphenol

Concen: 52.778 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

Tot Ion:107 Resp: 143798

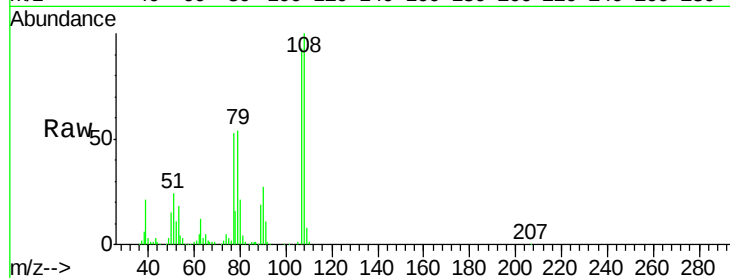
Ion Ratio Lower Upper

107 100

108 108.1 81.2 121.8

77 57.3 44.4 66.6

79 57.9 47.0 70.4

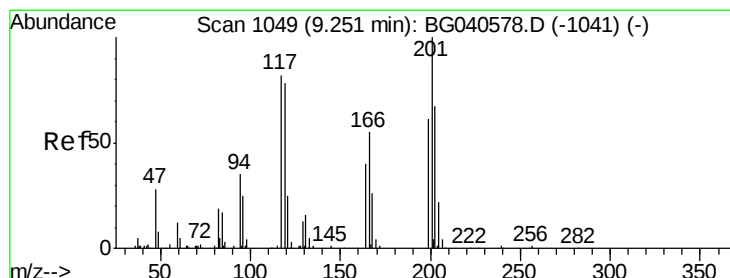
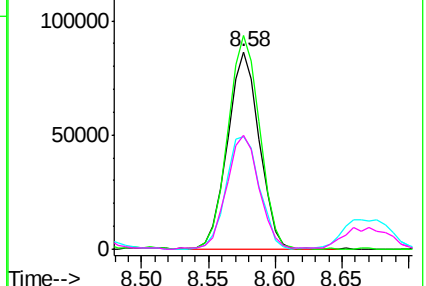
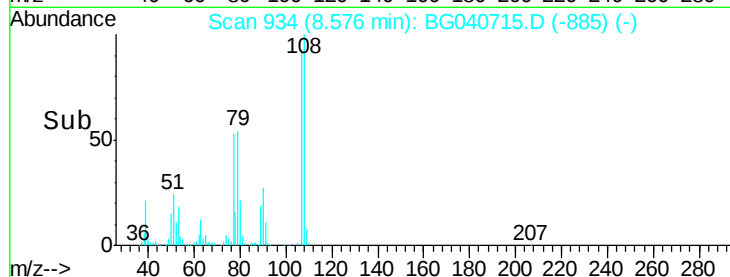


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.123 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

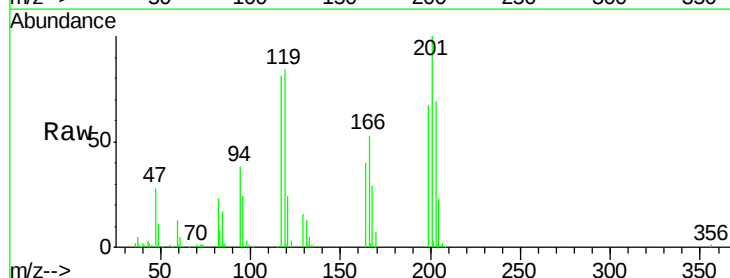
Tgt Ion:117 Resp: 55593

Ion Ratio Lower Upper

117 100

119 102.7 76.6 114.8

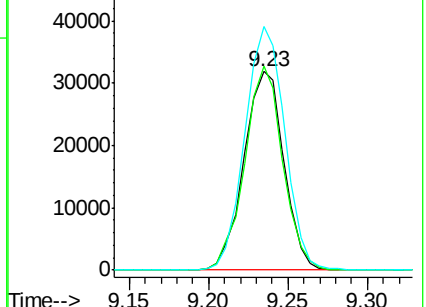
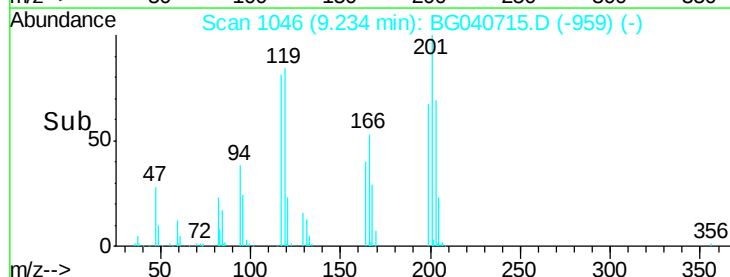
201 122.8 101.0 151.6

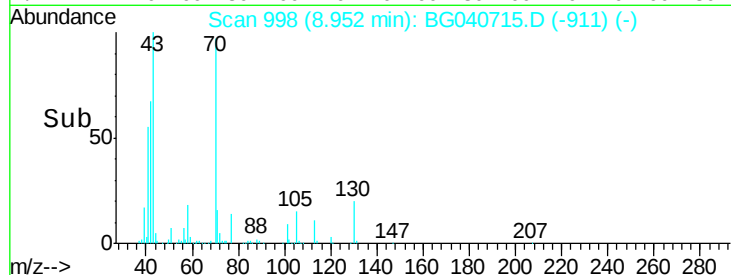
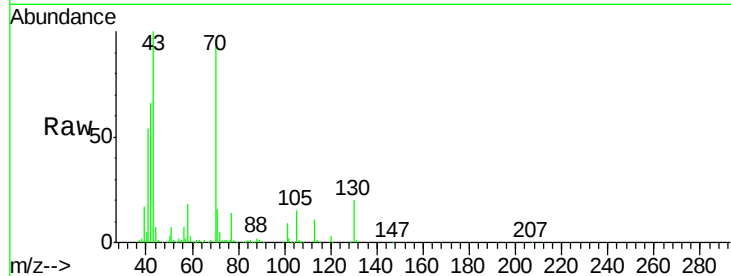
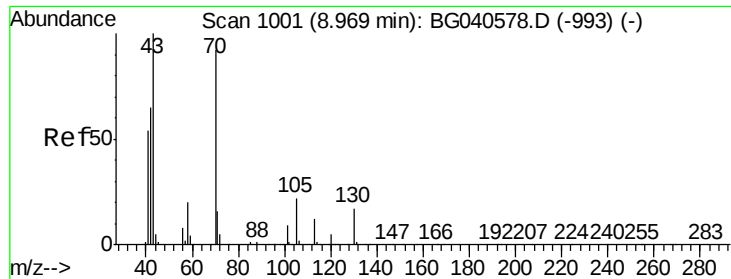


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

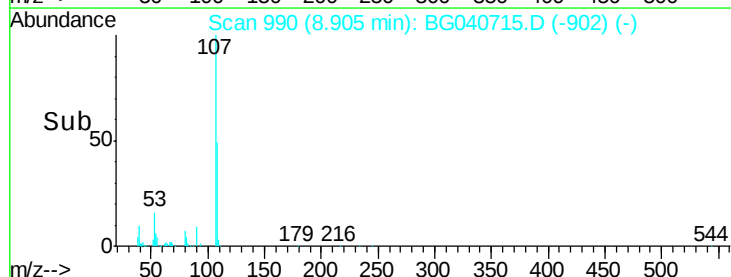
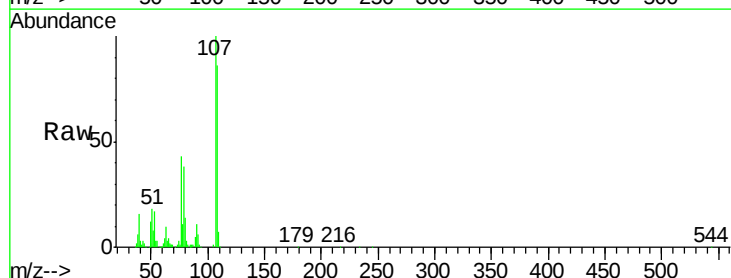
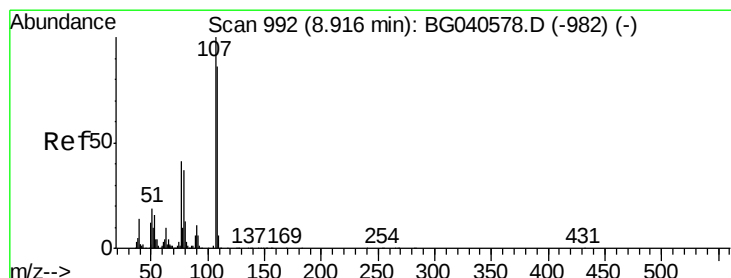
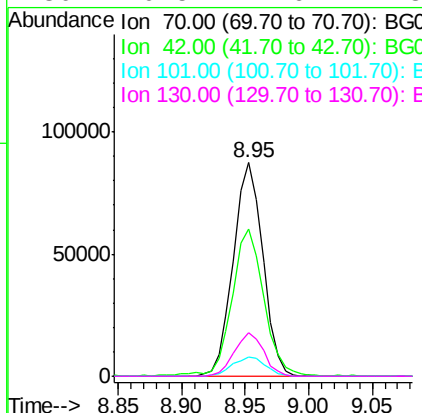




#19
n-Nitroso-di-n-propylamine
Concen: 43.818 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

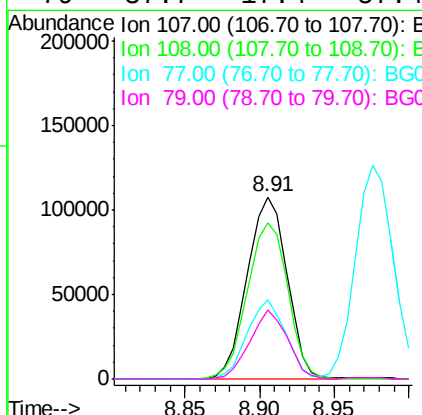
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

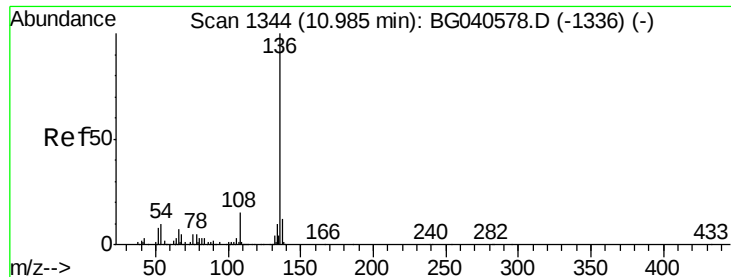
Tot Ion:	70	Resp:	141272
Ion	Ratio	Lower	Upper
70	100		
42	69.2	57.1	85.7
101	9.1	7.8	11.8
130	20.5	14.6	21.8



#20
3+4-Methylphenols
Concen: 52.399 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion:	107	Resp:	198884
Ion	Ratio	Lower	Upper
107	100		
108	85.9	66.1	106.1
77	43.4	21.6	61.6
79	37.7	17.4	57.4

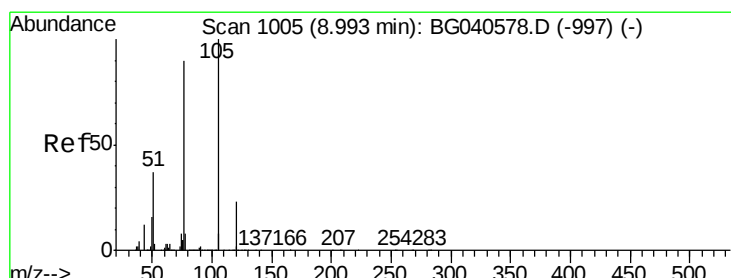
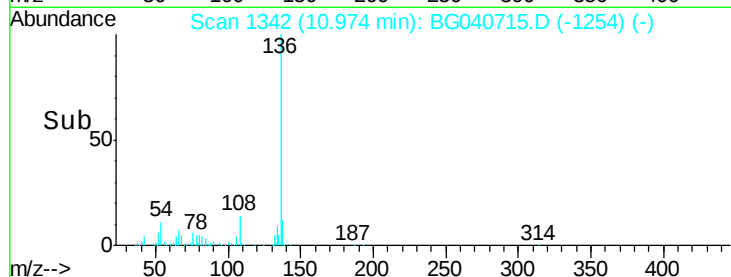
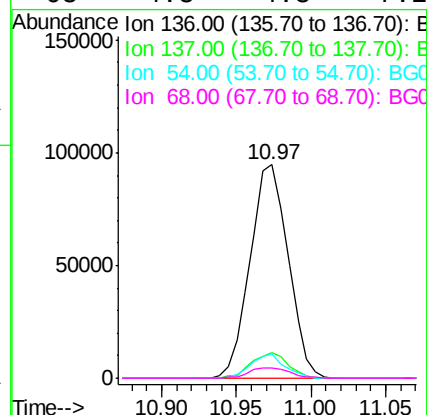
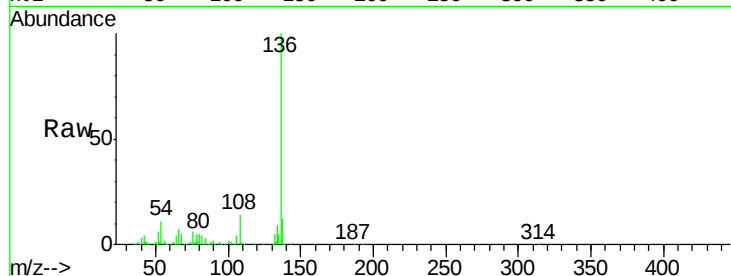




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

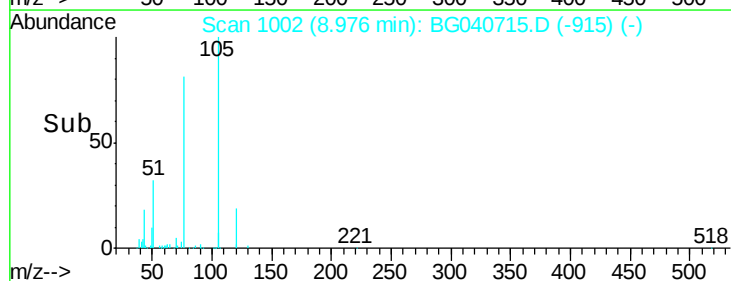
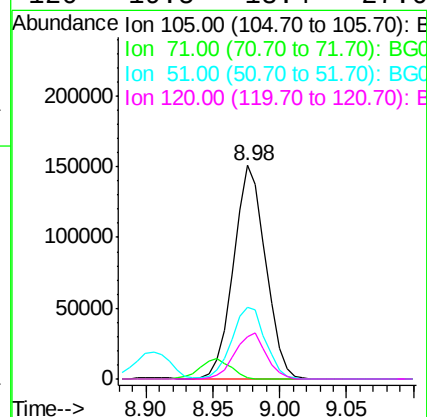
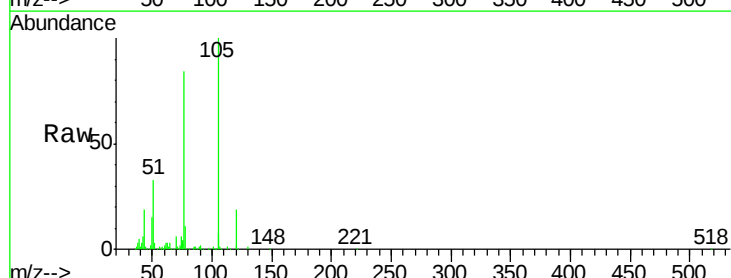
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

Tot Ion:136	Resp:	167417
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.7 14.5
54	11.1	8.6 12.8
68	4.8	4.8 7.2#



#22
Acetophenone
Concen: 54.289 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion:105	Resp:	252740
Ion	Ratio	Lower Upper
105	100	
71	0.9	1.8 2.8#
51	33.5	29.8 44.8
120	19.5	18.4 27.6

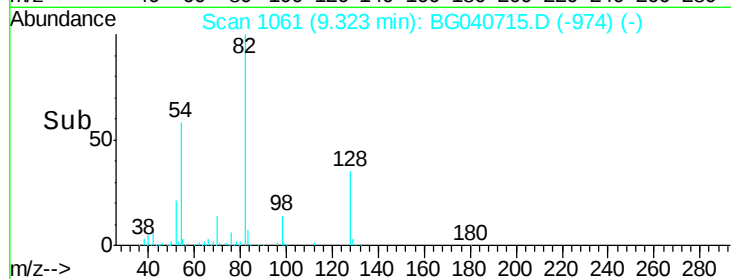
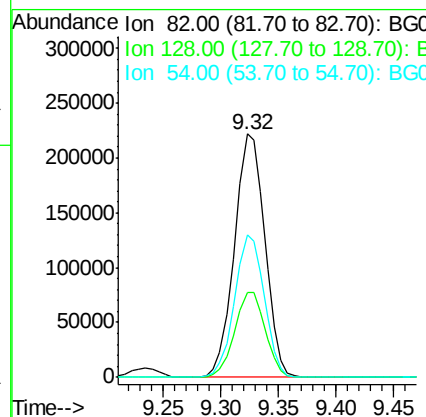
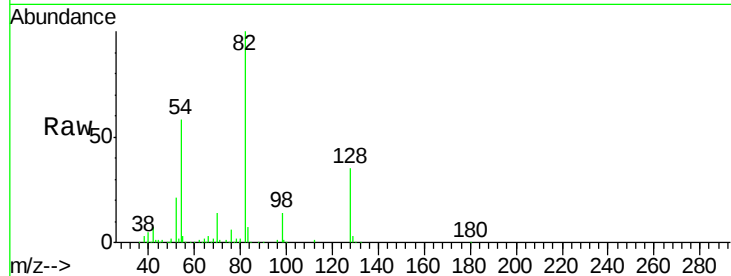




#23
 Nitrobenzene-d5
 Concen: 111.760 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

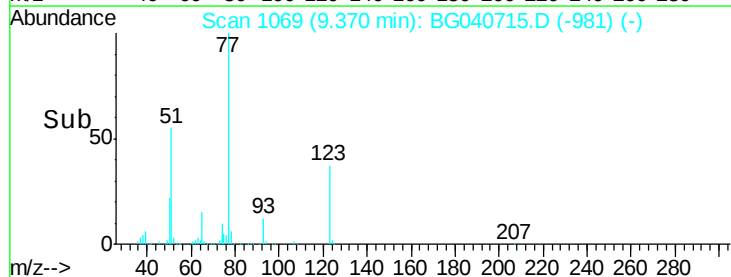
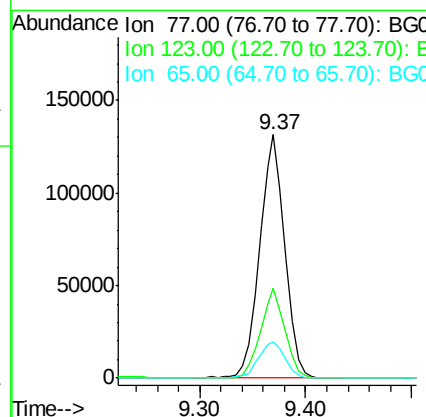
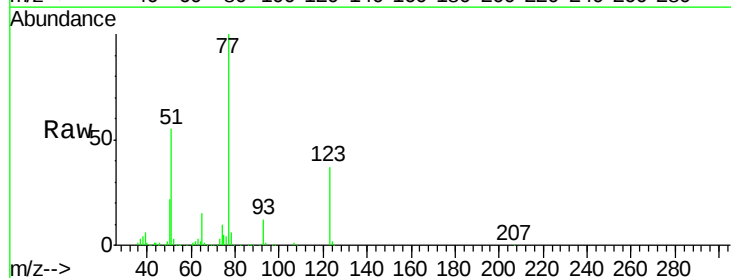
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MS

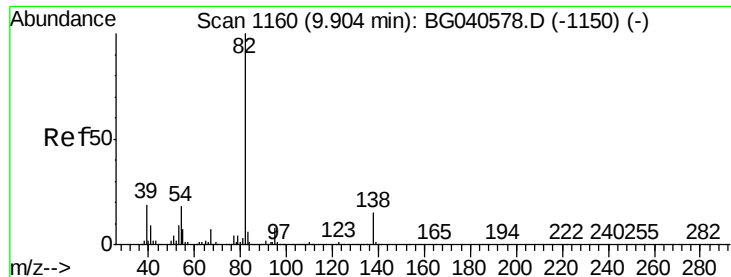
Tot Ion:	82	Resp:	404935
Ion	Ratio	Lower	Upper
82	100		
128	35.0	28.9	43.3
54	58.5	47.2	70.8



#24
 Nitrobenzene
 Concen: 56.258 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

Tgt Ion:	77	Resp:	217485
Ion	Ratio	Lower	Upper
77	100		
123	37.1	27.8	41.6
65	14.7	12.4	18.6





#25

Isophorone

Concen: 49.603 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

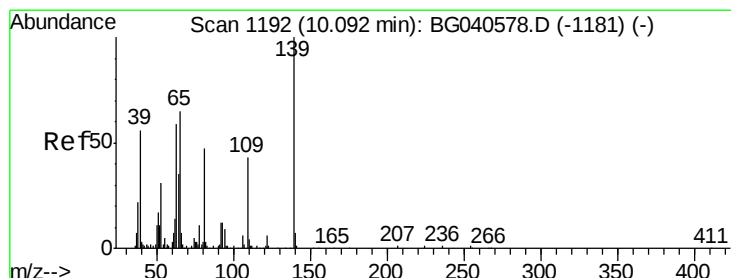
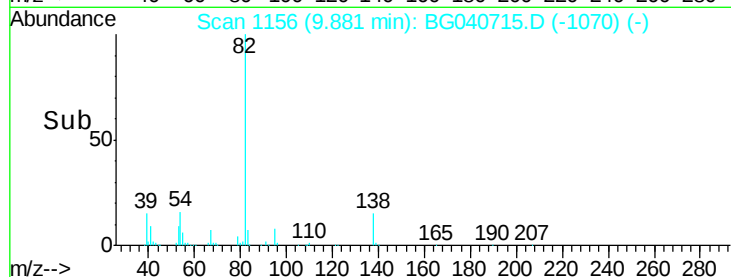
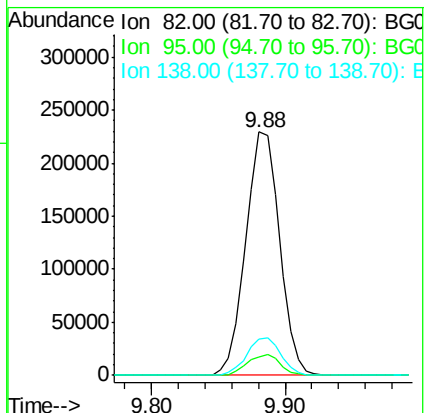
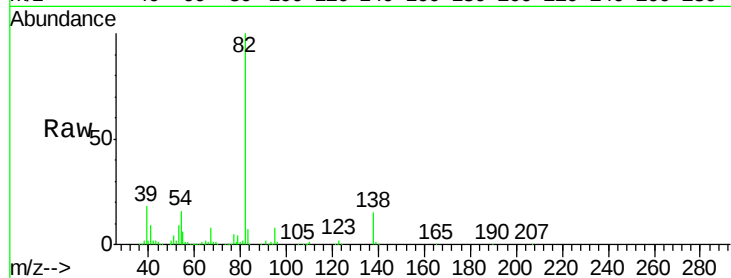
Tot Ion: 82 Resp: 400339

Ion Ratio Lower Upper

82 100

95 7.7 6.9 10.3

138 15.0 12.3 18.5



#26

2-Nitrophenol

Concen: 61.381 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

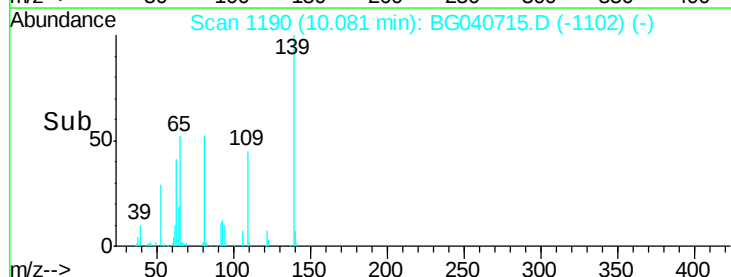
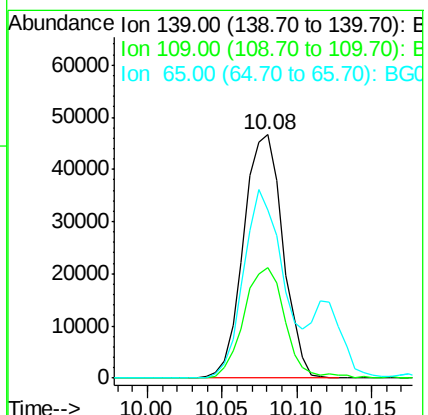
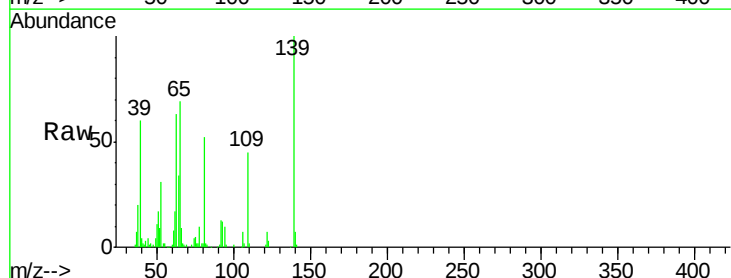
Tgt Ion: 139 Resp: 85057

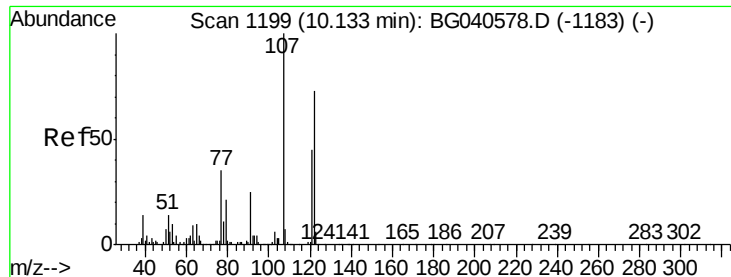
Ion Ratio Lower Upper

139 100

109 45.4 35.6 53.4

65 69.0 52.3 78.5

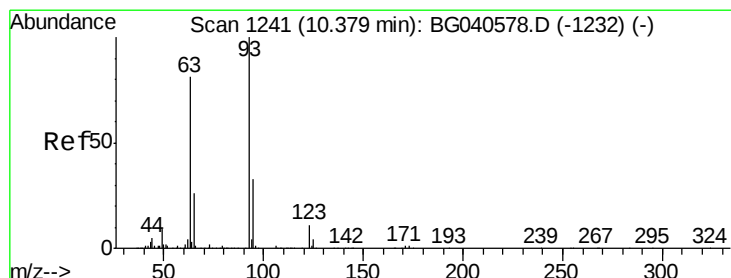
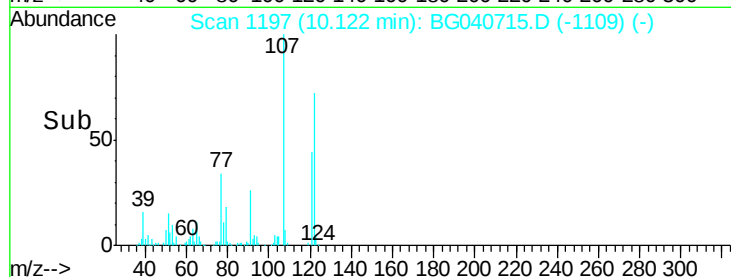
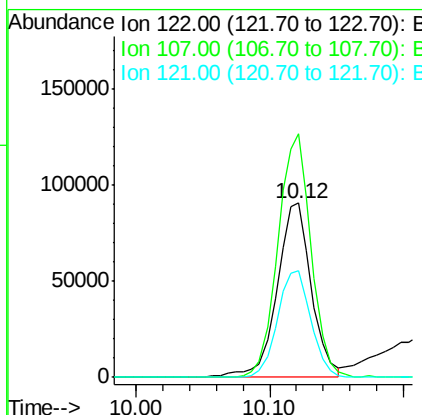
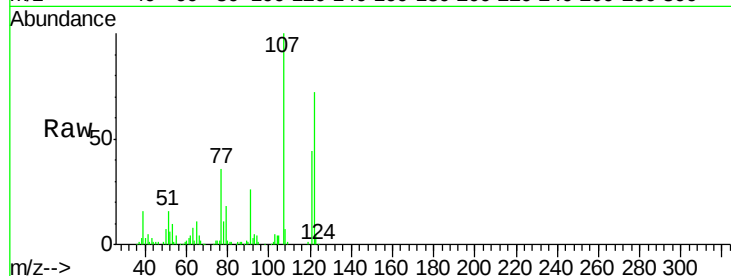




#27
2,4-Dimethylphenol
Concen: 62.503 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

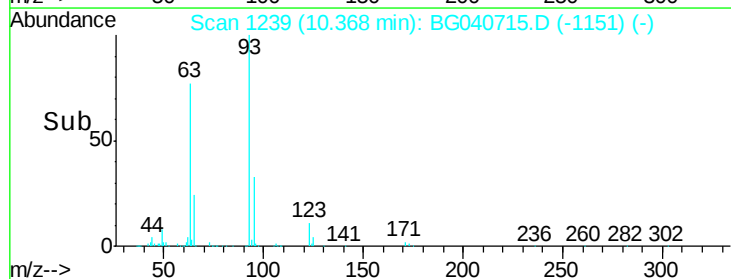
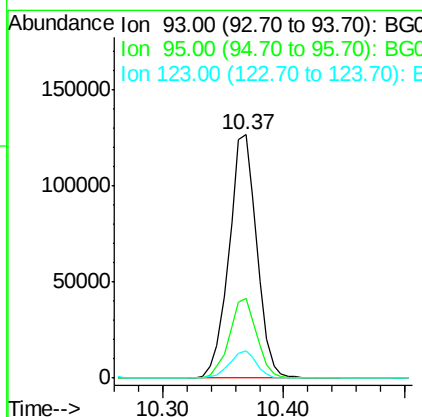
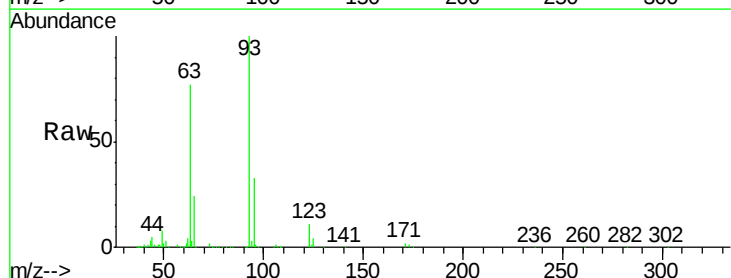
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

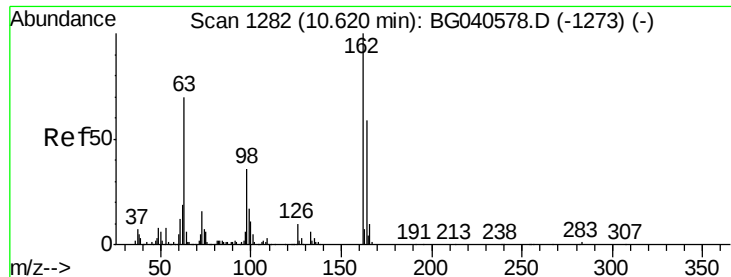
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.7	110.1	165.1
121	61.3	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.948 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	11.0	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 60.148 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

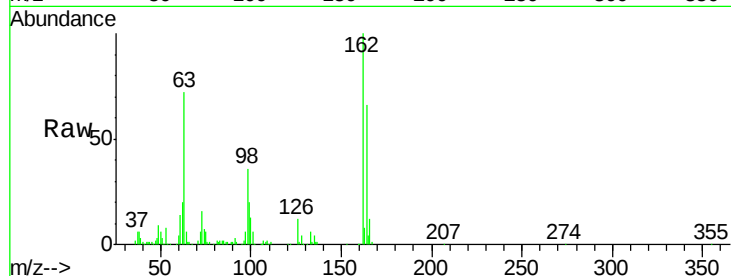
Tot Ion:162 Resp: 177790

Ion Ratio Lower Upper

162 100

164 65.6 38.9 78.9

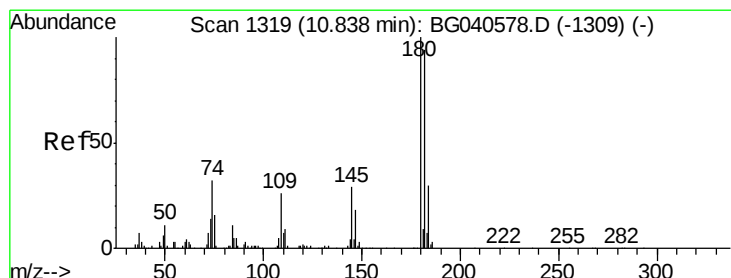
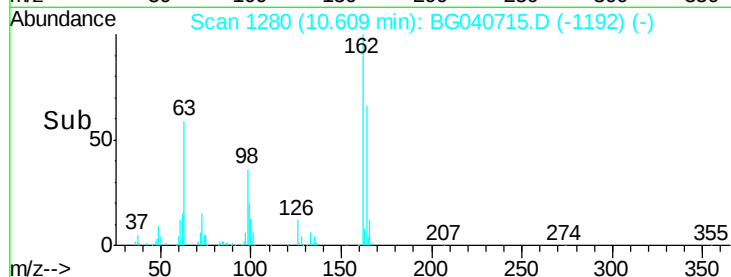
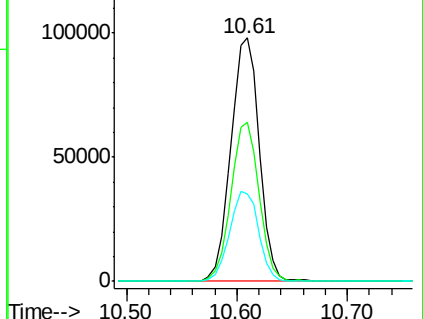
98 36.0 16.8 56.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 53.217 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

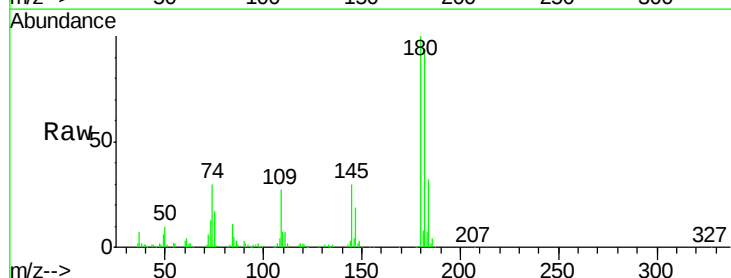
Tgt Ion:180 Resp: 174438

Ion Ratio Lower Upper

180 100

182 93.7 75.2 112.8

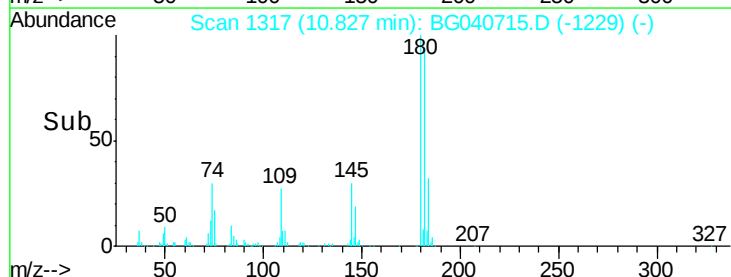
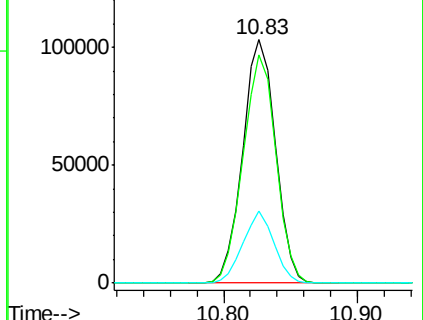
145 29.8 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

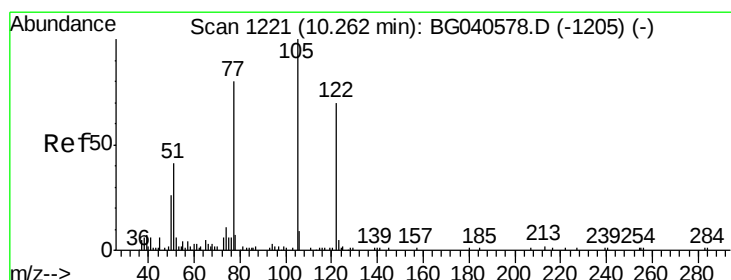
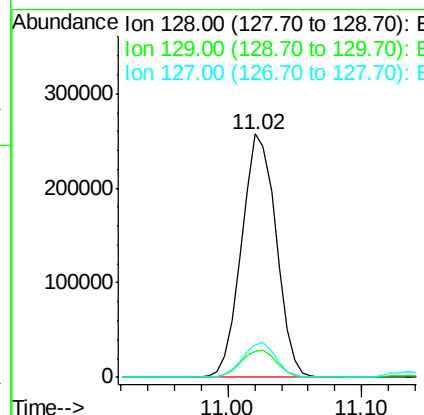
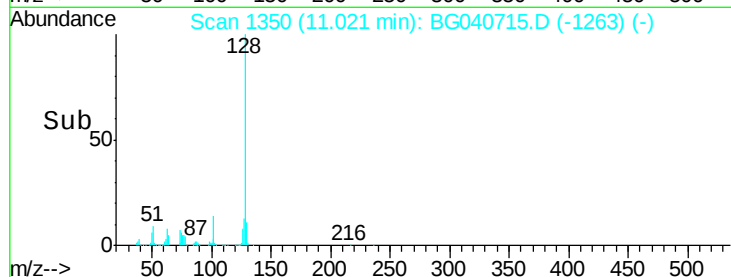
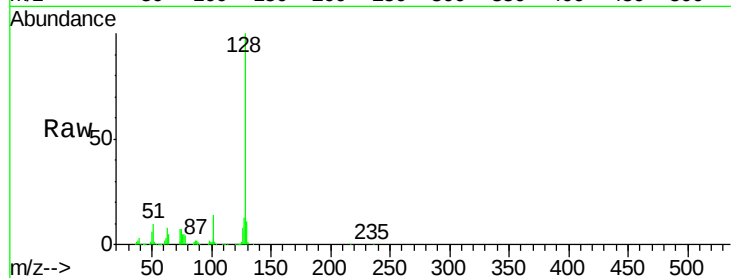




#31
Naphthalene
Concen: 51.764 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

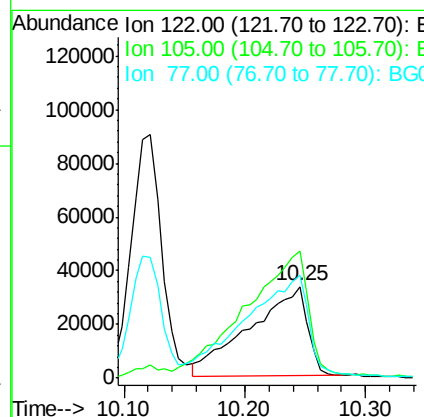
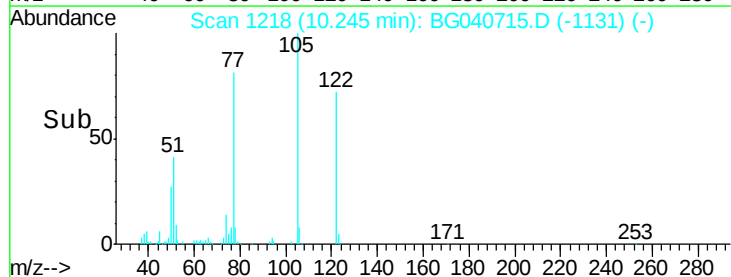
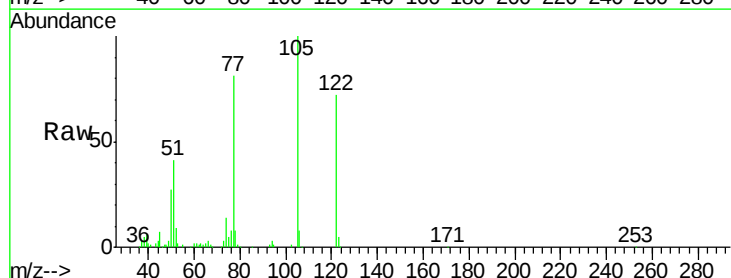
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	13.3	11.3	16.9



#32
Benzoic acid
Concen: 61.900 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.2	110.9	150.9
77	112.5	87.6	127.6

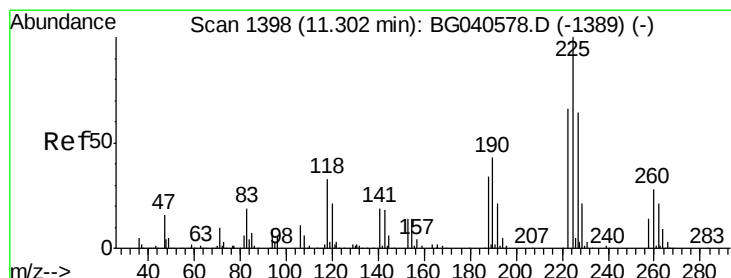
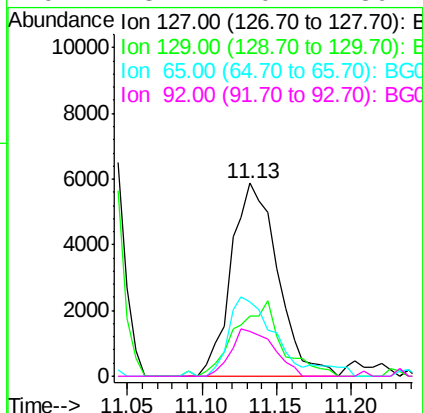
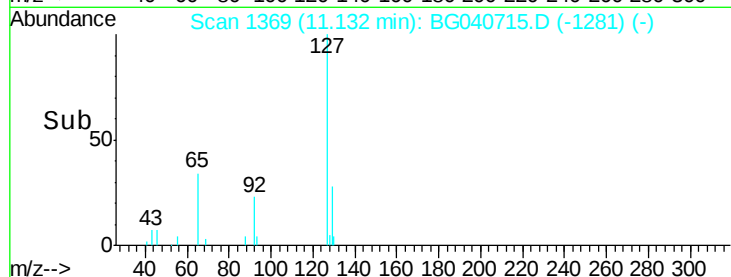
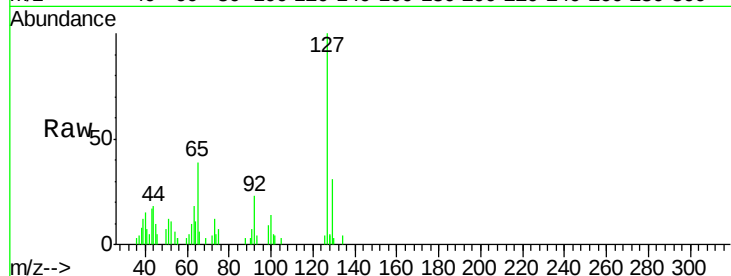




#33
4-Chloroaniline
Concen: 3.226 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

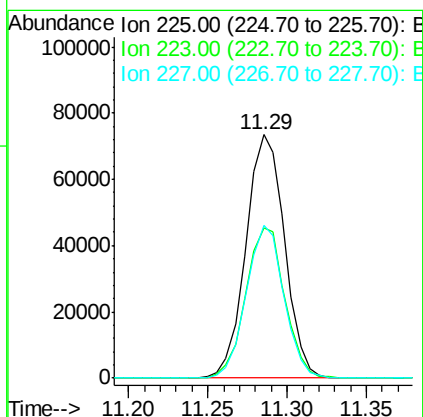
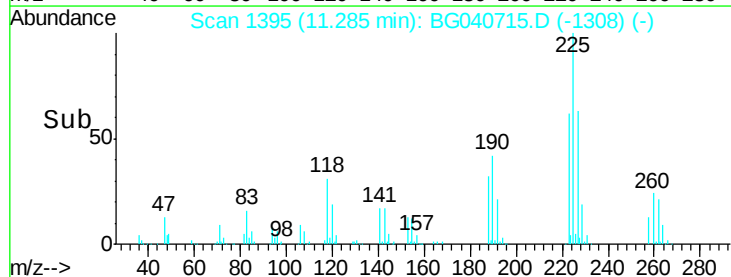
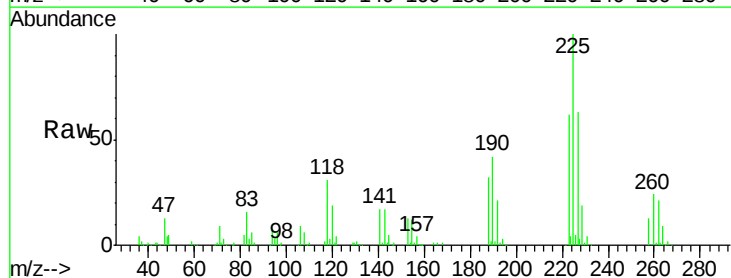
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

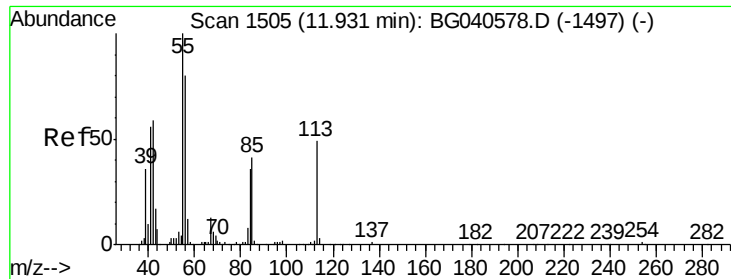
Tot Ion:127	Resp:	12720
Ion Ratio	Lower	Upper
127 100		
129 31.1	25.7	38.5
65 38.8	36.1	54.1
92 23.4	20.1	30.1



#34
Hexachlorobutadiene
Concen: 51.373 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion	225	Resp: Lower	124319 Upper
	Ratio		
225	100		
223	65.9	50.4	75.6
227	65.7	51.0	76.6





#35

Caprolactam

Concen: 32.939 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

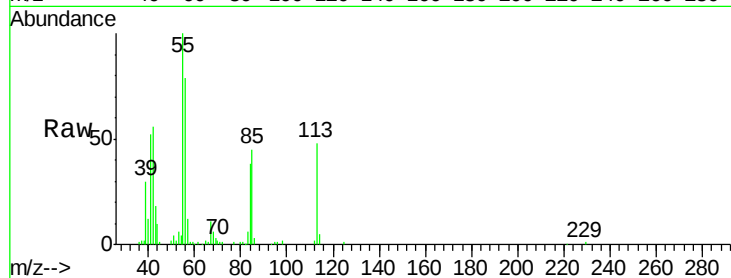
Tot Ion:113 Resp: 38440

Ion Ratio Lower Upper

113 100

55 209.9 198.6 238.6

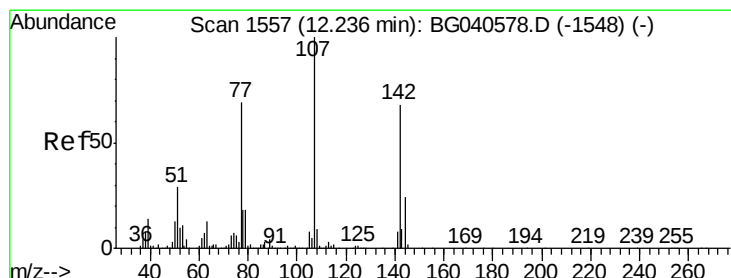
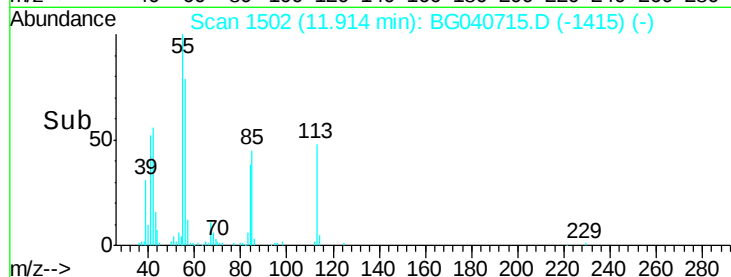
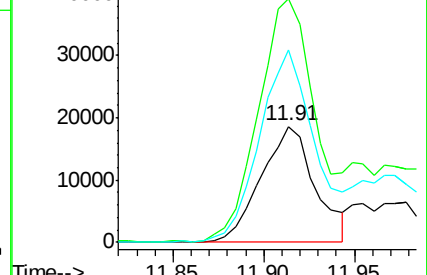
56 166.2 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 61.524 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

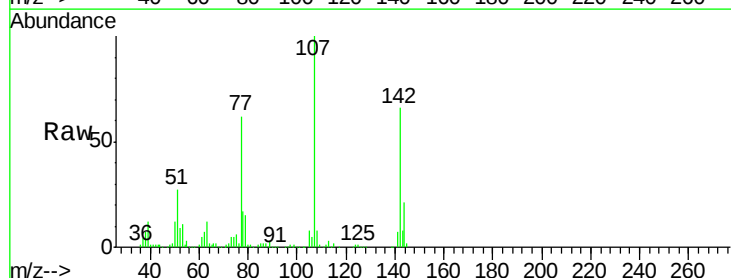
Tgt Ion:107 Resp: 229414

Ion Ratio Lower Upper

107 100

144 20.6 19.3 28.9

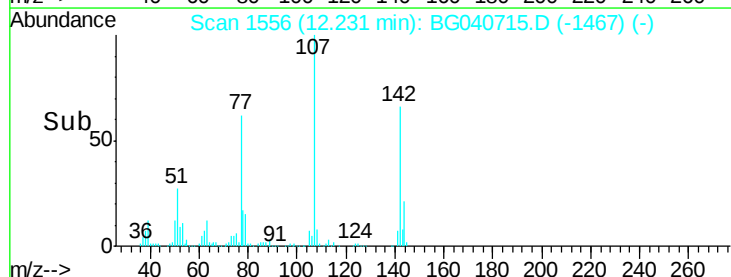
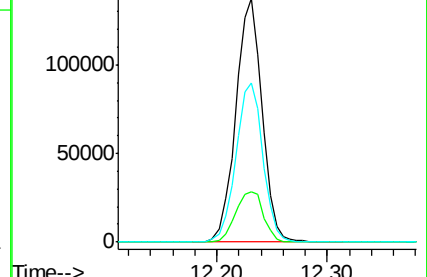
142 65.5 54.6 81.8



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

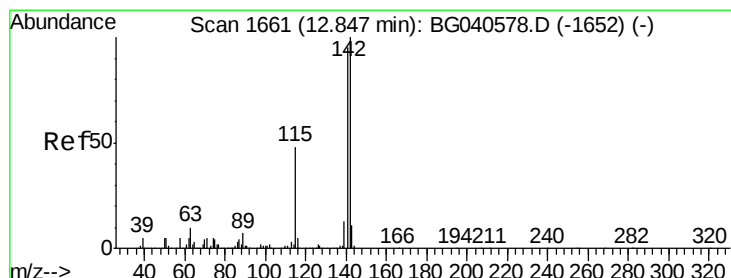
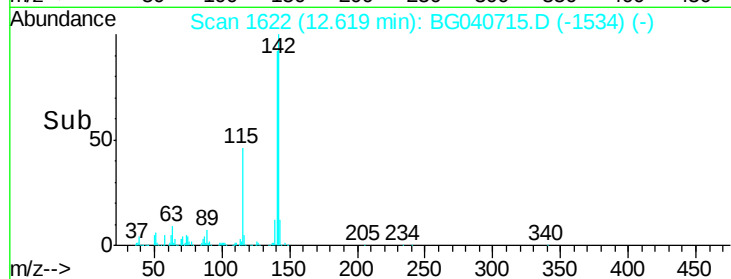
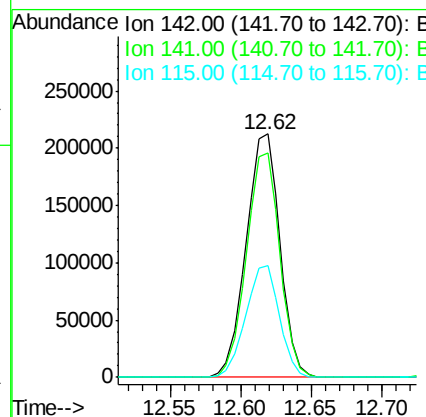
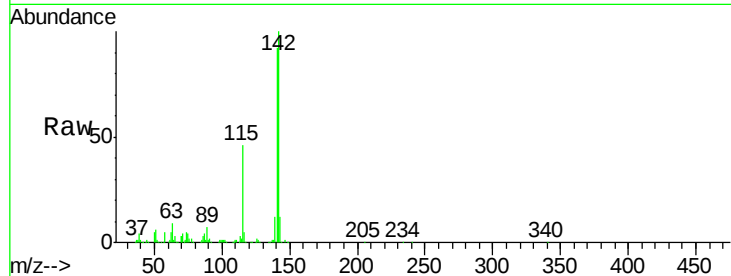




#37
2-Methylnaphthalene
Concen: 53.590 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

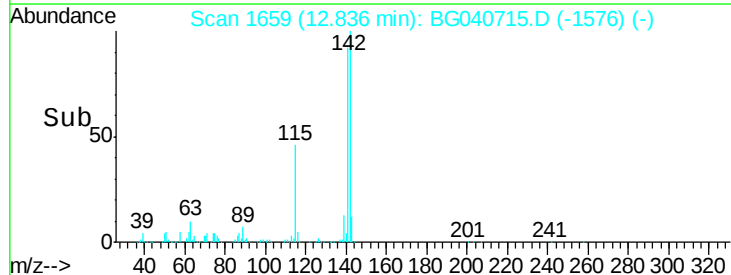
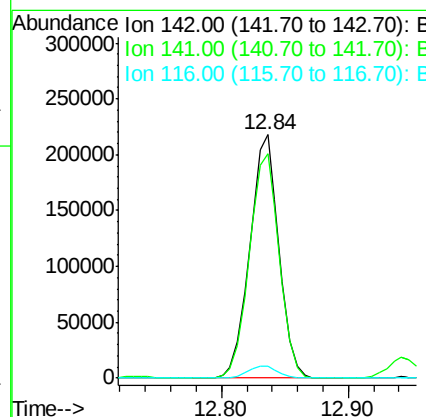
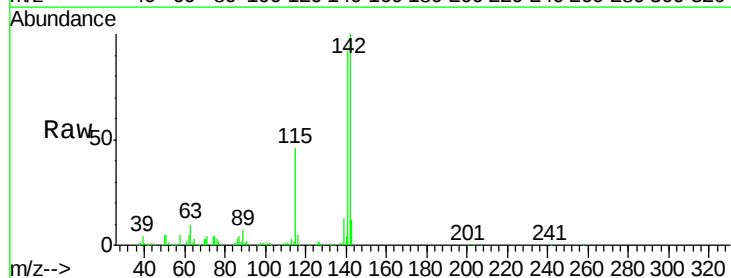
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

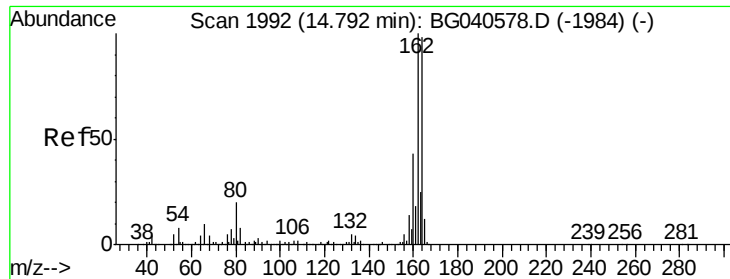
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.4	110.2
115	45.8	36.2	54.4



#38
1-Methylnaphthalene
Concen: 53.109 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	75.9	113.9
116	4.9	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

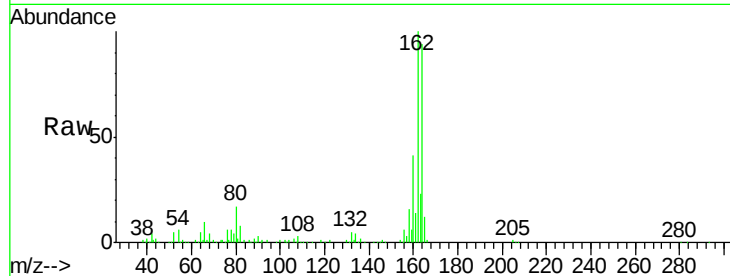
Tot Ion:164 Resp: 130484

Ion Ratio Lower Upper

164 100

162 106.4 81.9 122.9

160 43.3 35.4 53.2

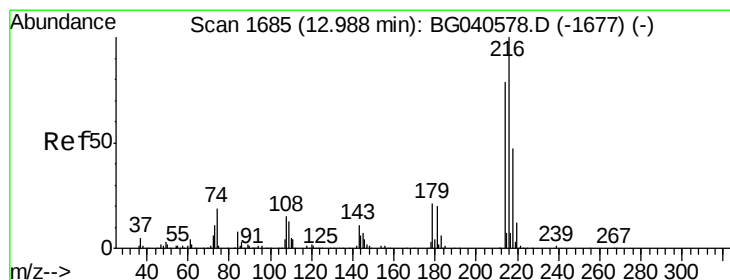
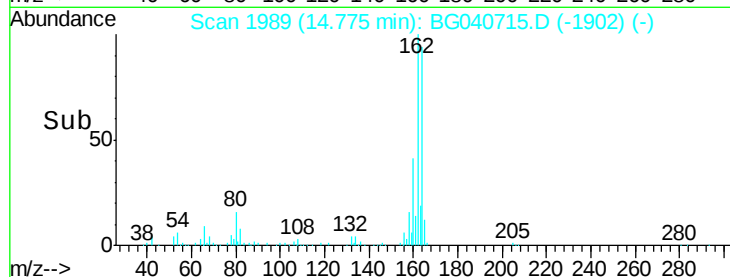
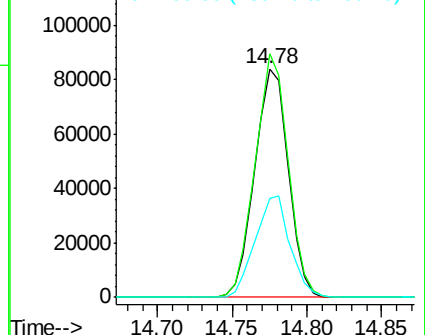


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.338 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Tgt Ion:216 Resp: 239824

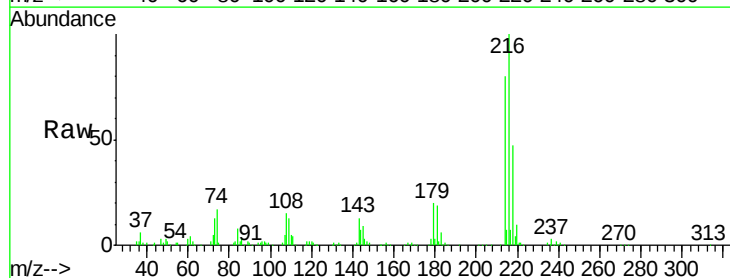
Ion Ratio Lower Upper

216 100

214 78.1 63.7 95.5

179 20.4 16.6 24.8

108 18.5 14.7 22.1



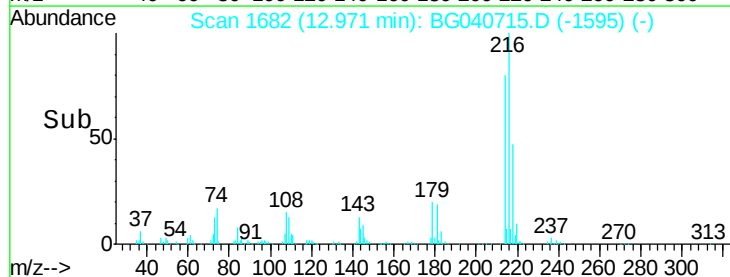
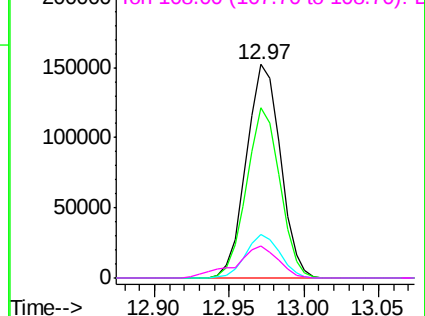
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

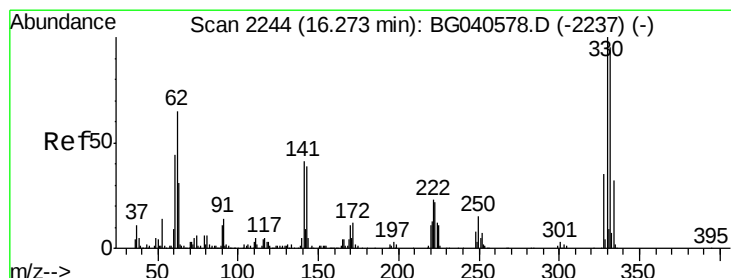
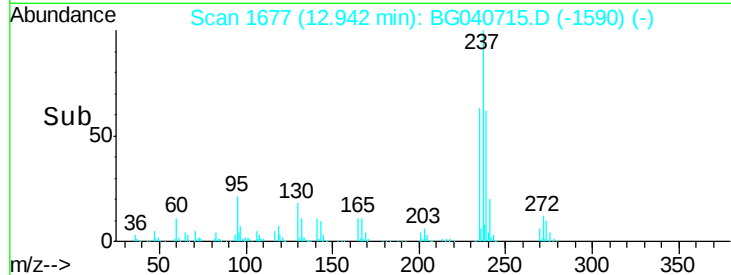
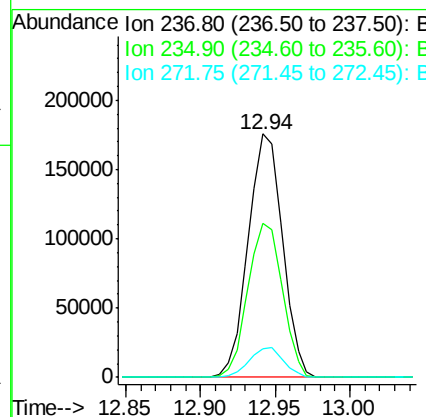
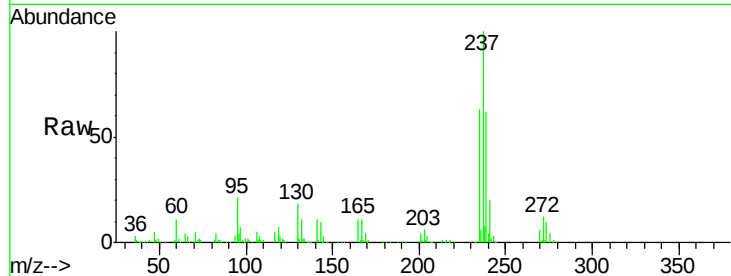




#41
Hexachlorocyclopentadiene
Concen: 97.495 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

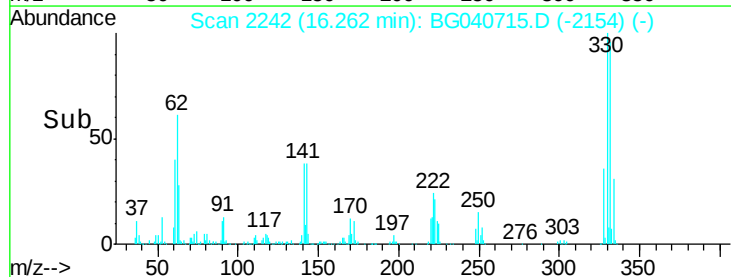
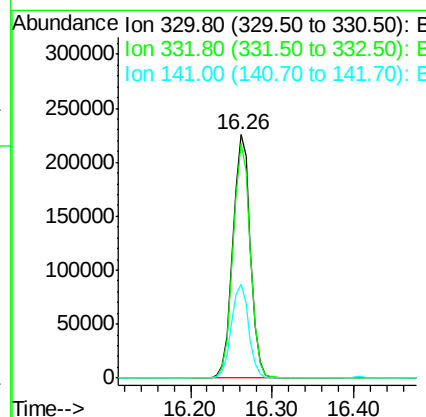
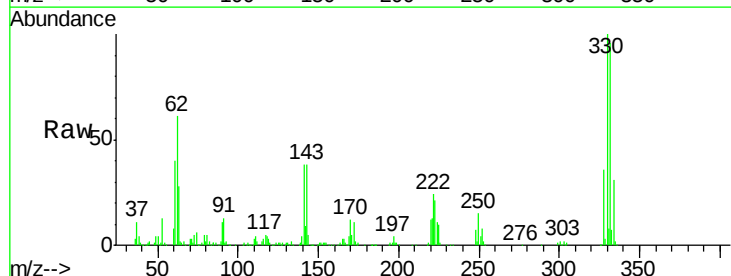
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.5	82.5
272	11.8	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 186.249 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.9	113.9
141	38.3	32.4	48.6

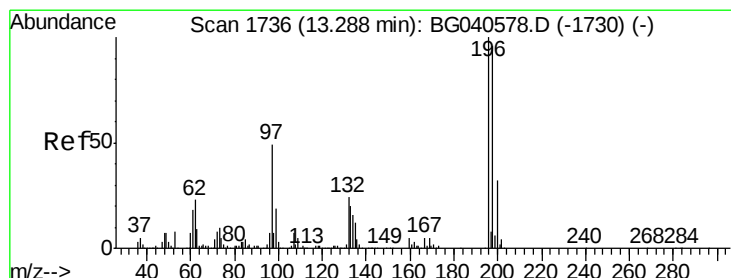
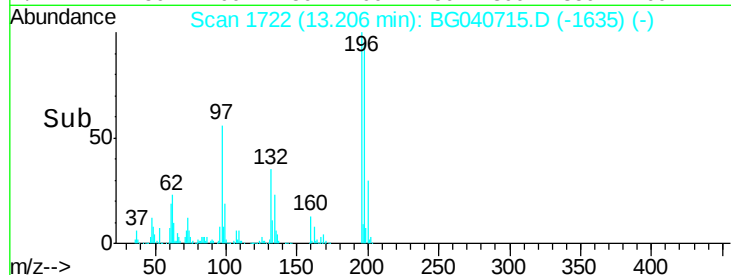
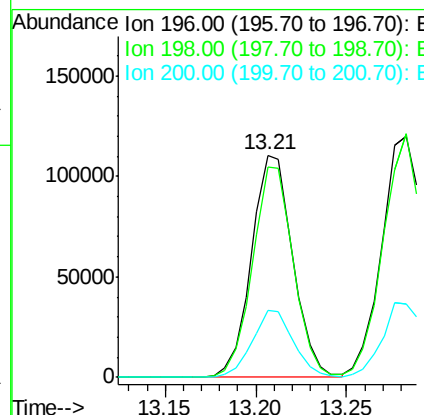
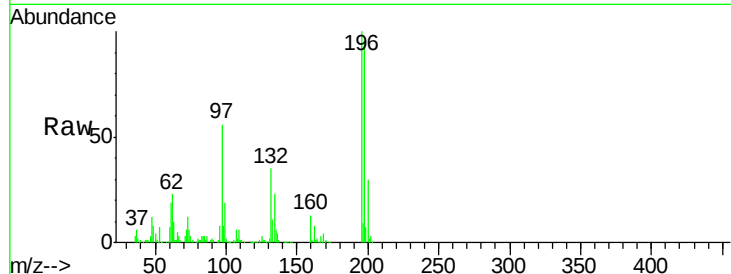




#43
 2,4,6-Trichlorophenol
 Concen: 60.052 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

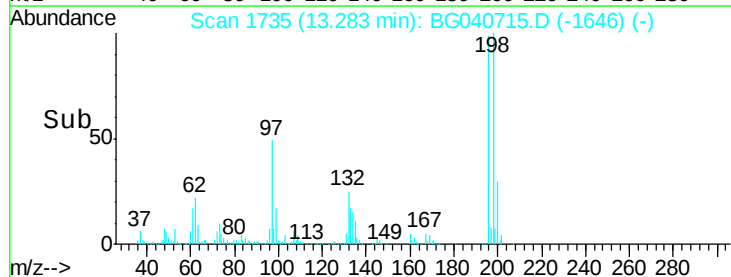
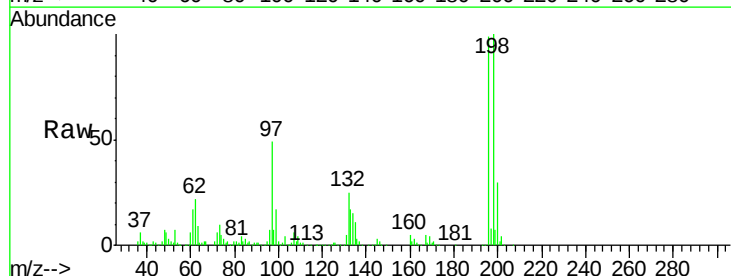
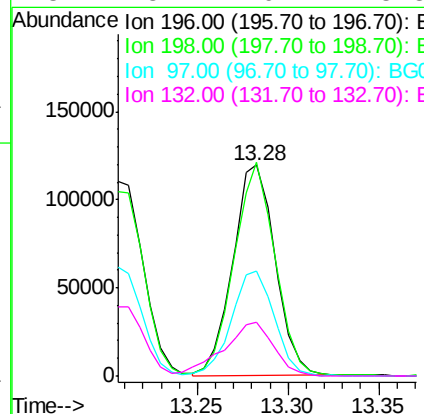
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MS

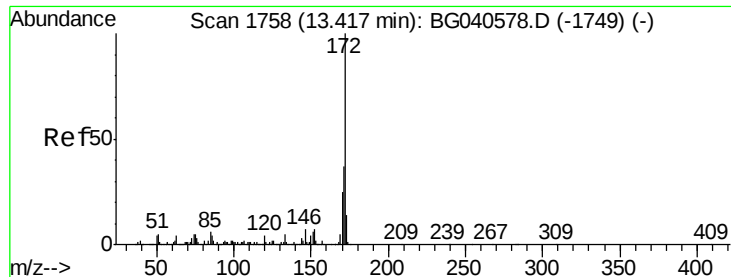
Tot Ion	196	Resp	176401
Ion Ratio	Lower	Upper	
196	100		
198	94.8	74.8	112.2
200	29.9	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 60.525 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

Tgt Ion	196	Resp	193676
Ion Ratio	Lower	Upper	
196	100		
198	101.2	77.0	115.6
97	49.5	40.0	60.0
132	25.7	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 95.454 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

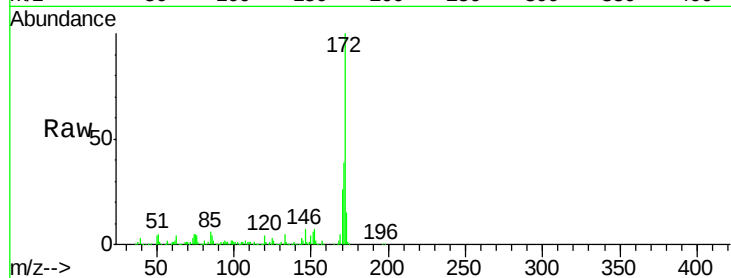
BNA_G

ClientSampleId :

TR-04-043019MS

Tot Ion:172 Resp: 862430

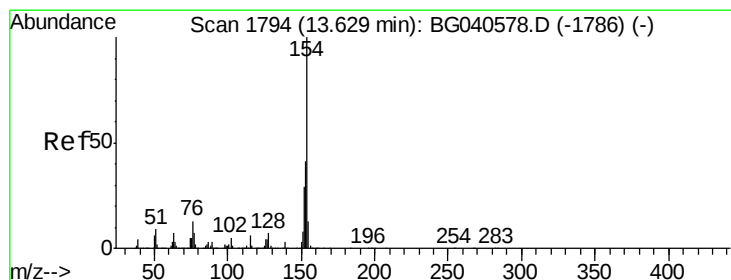
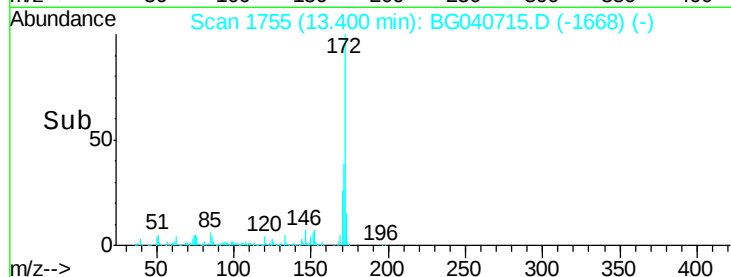
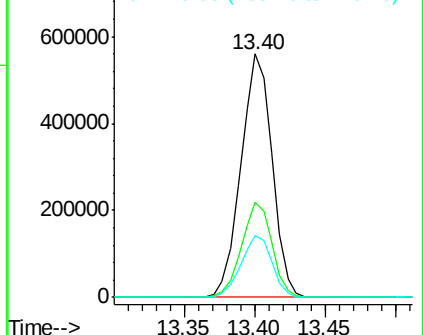
Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.4	44.2
170	25.7	19.9	29.9



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: 48.217 ng

RT: 13.61 min Scan# 1791

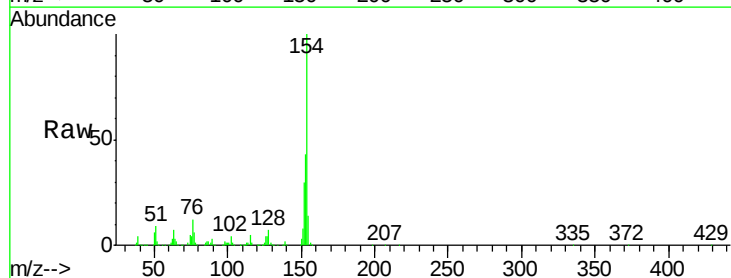
Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Tgt Ion:154 Resp: 488476

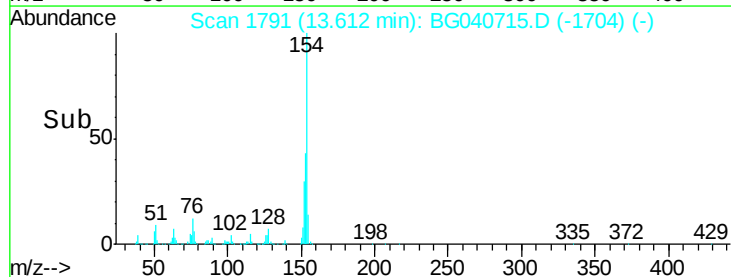
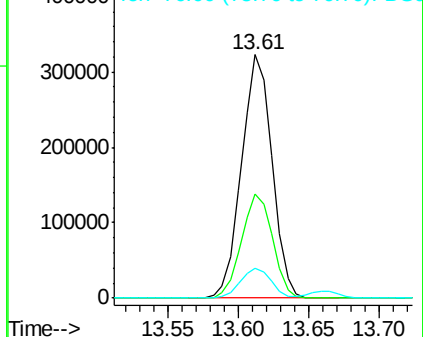
Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.5	60.5
76	12.1	0.0	32.5

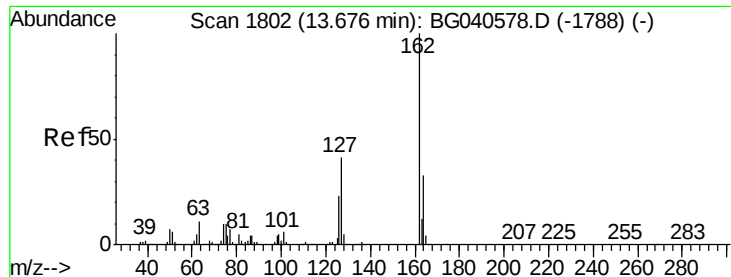


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

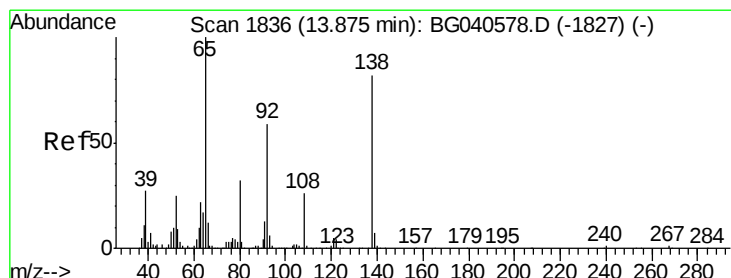
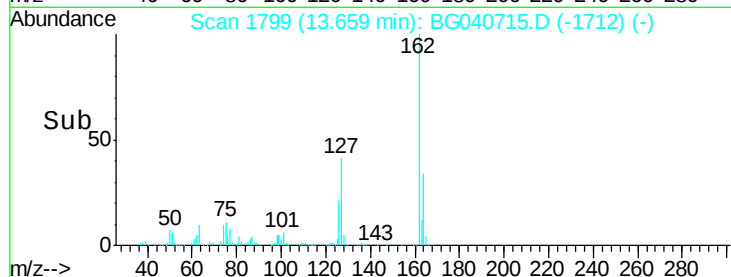
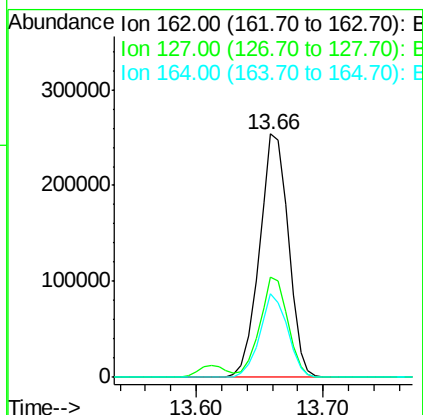
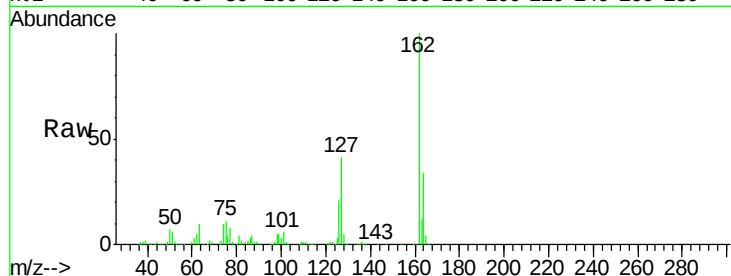




#47
2-Chloronaphthalene
Concen: 50.901 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

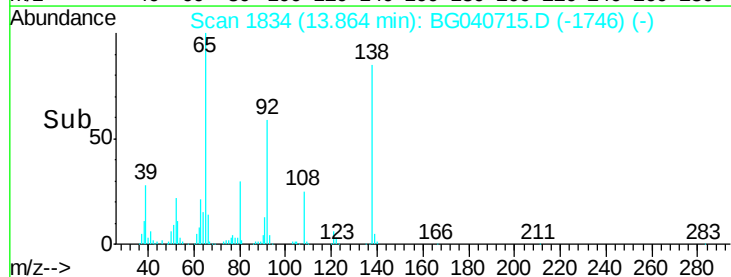
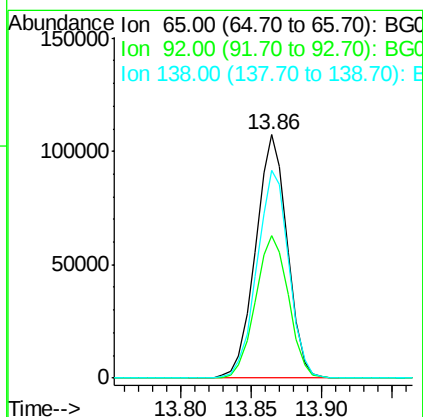
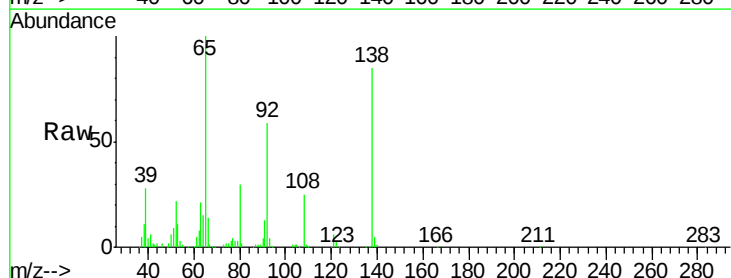
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

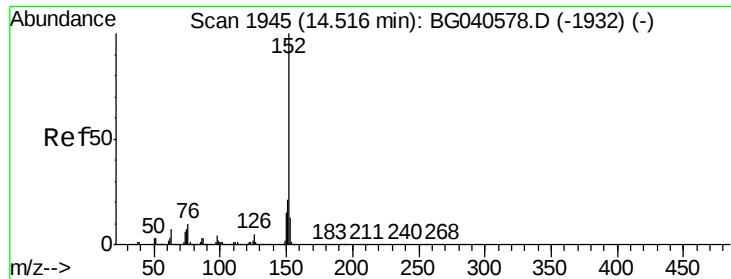
Tot Ion:162 Resp: 403562
Ion Ratio Lower Upper
162 100
127 41.3 33.0 49.4
164 34.2 26.8 40.2



#48
2-Nitroaniline
Concen: 59.991 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion: 65 Resp: 169306
Ion Ratio Lower Upper
65 100
92 58.5 47.4 71.0
138 85.2 66.1 99.1





#49

Acenaphthylene

Concen: 49.245 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

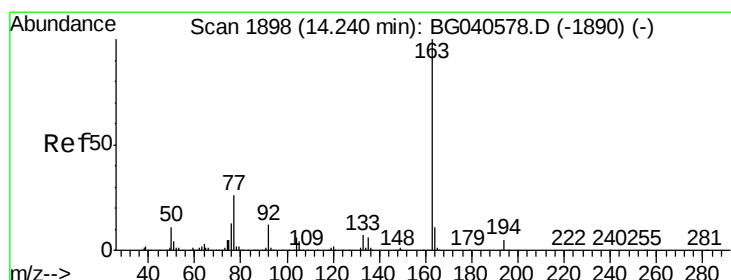
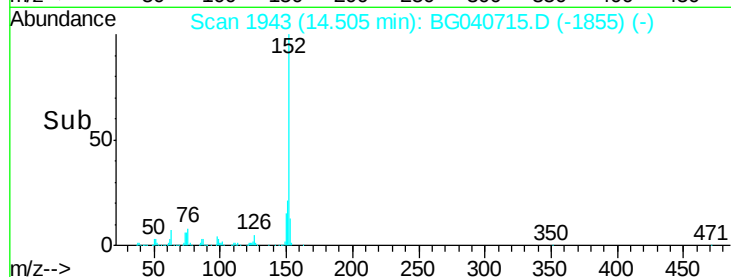
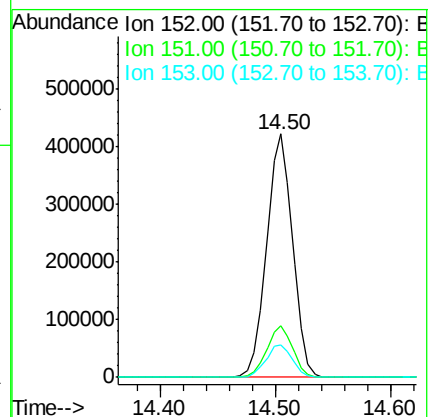
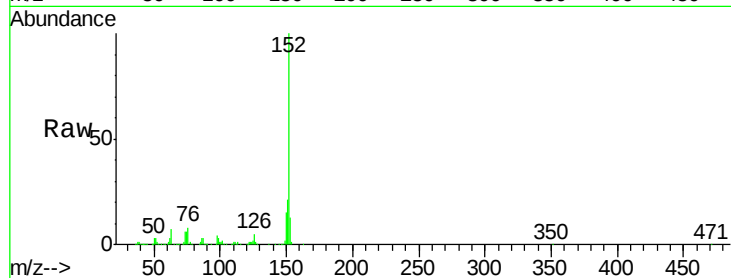
Tot Ion:152 Resp: 662408

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 54.634 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

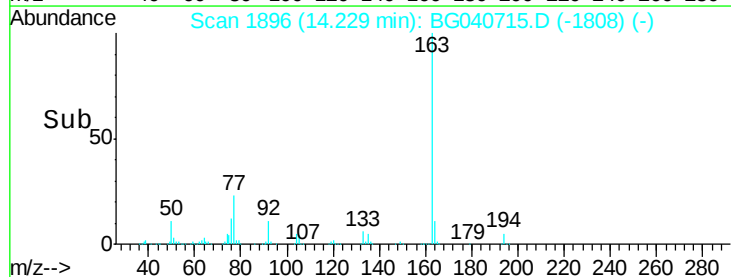
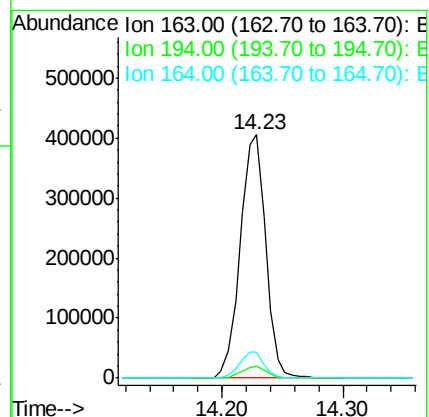
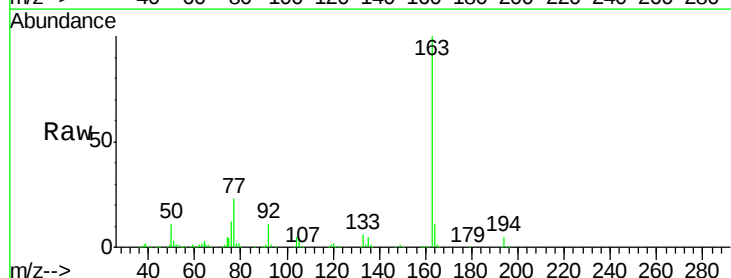
Tgt Ion:163 Resp: 596458

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

164 10.9 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 62.130 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

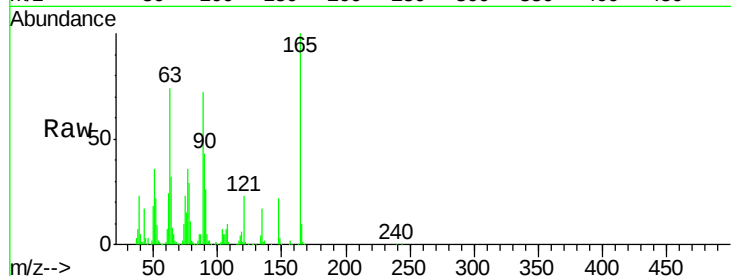
Tot Ion:165 Resp: 132382

Ion Ratio Lower Upper

165 100

63 74.2 61.0 91.4

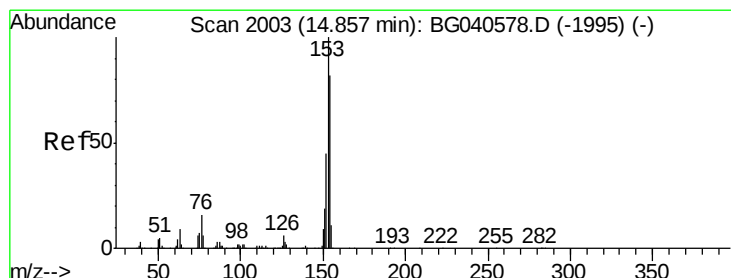
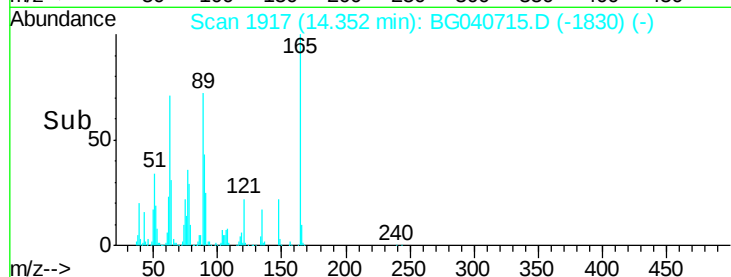
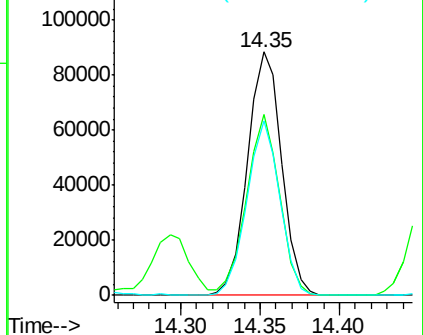
89 71.8 58.6 87.8



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: 51.186 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

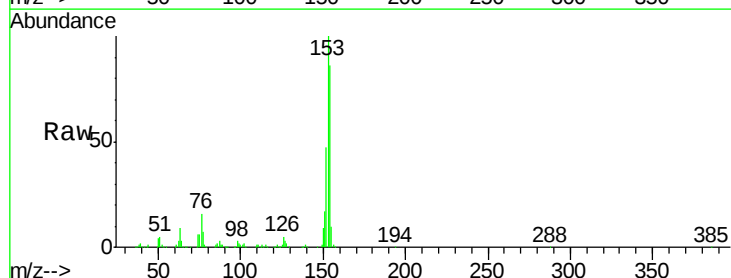
Tgt Ion:154 Resp: 400966

Ion Ratio Lower Upper

154 100

153 116.8 97.0 145.6

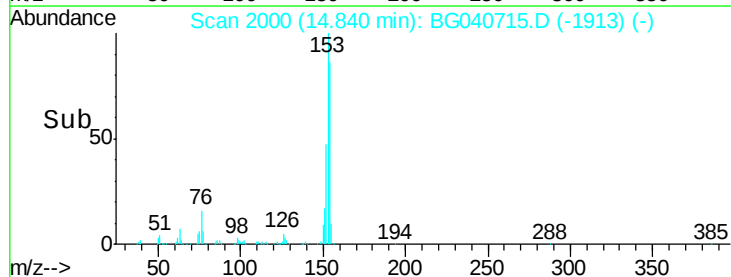
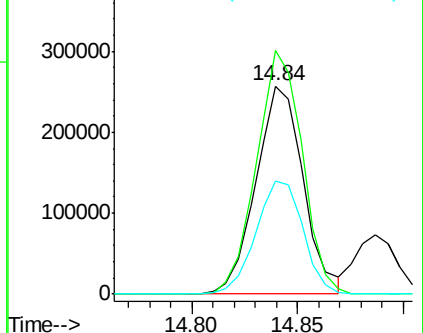
152 54.4 44.1 66.1



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

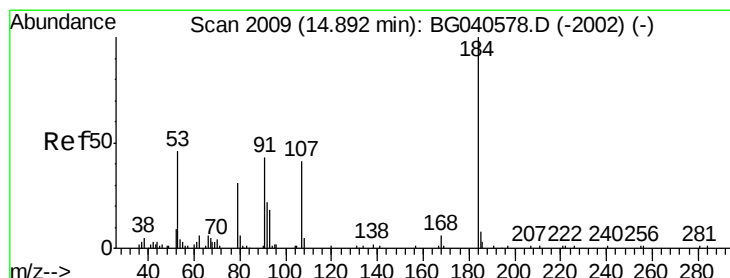
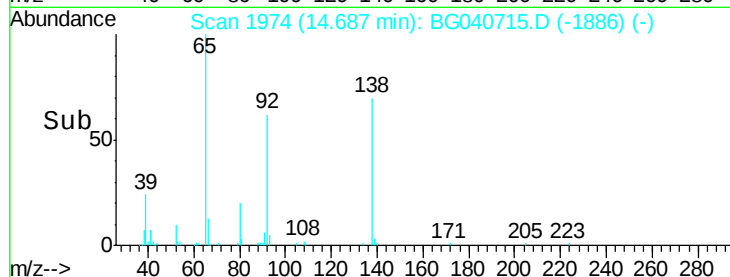
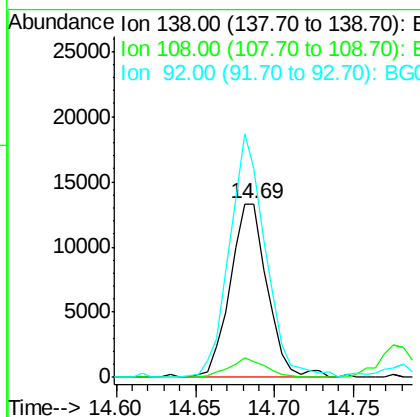
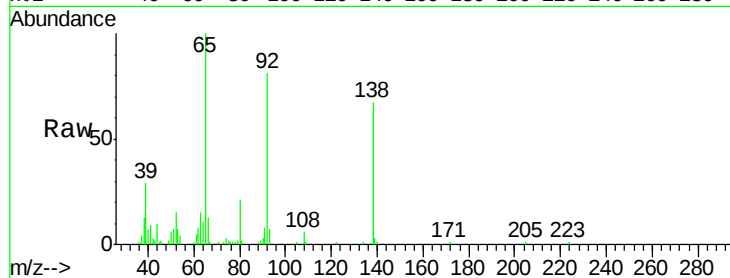




#53
 3-Nitroaniline
 Concen: 9.889 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

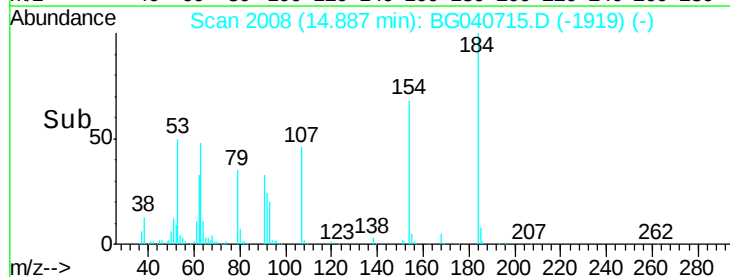
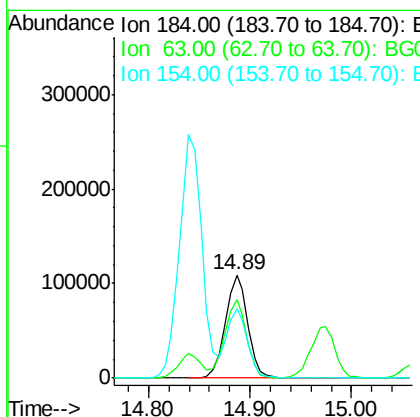
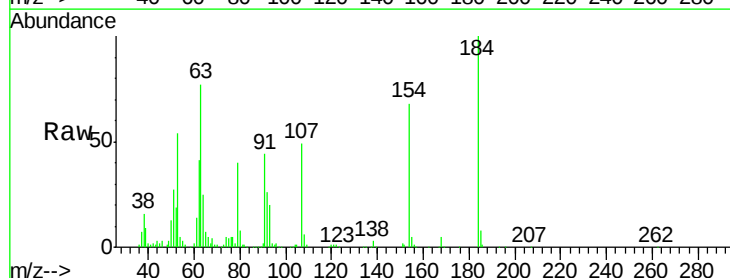
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MS

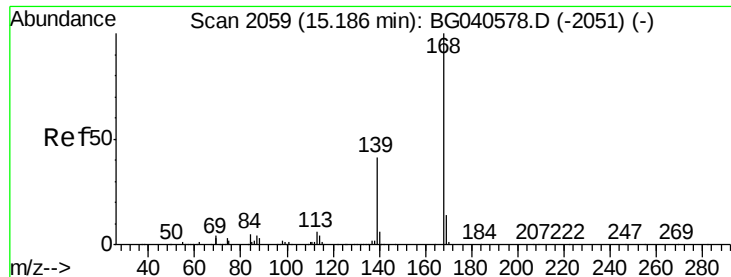
Tot Ion:138 Resp: 21590
 Ion Ratio Lower Upper
 138 100
 108 9.0 12.4 18.6#
 92 120.3 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 132.728 ng
 RT: 14.89 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

Tgt Ion:184 Resp: 165591
 Ion Ratio Lower Upper
 184 100
 63 76.7 51.8 77.6
 154 67.7 43.6 65.4#





#55

Dibenzenofuran

Concen: 52.340 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

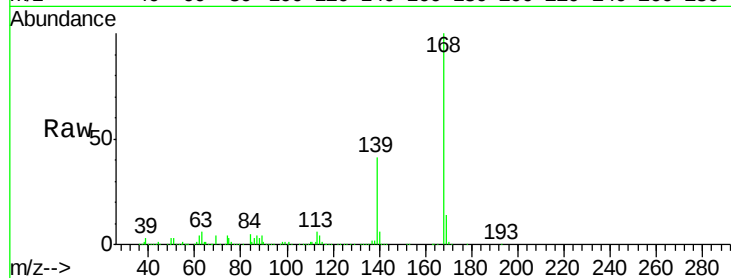
Tot Ion:168 Resp: 671564

Ion Ratio Lower Upper

168 100

139 40.9 33.0 49.4

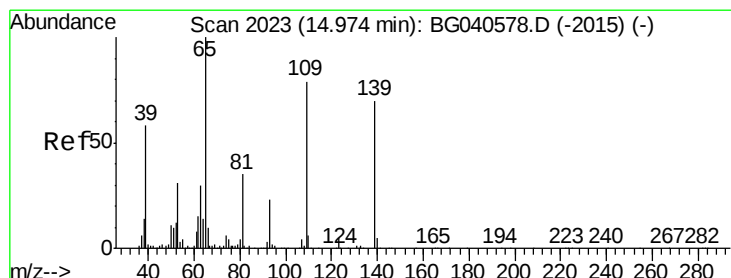
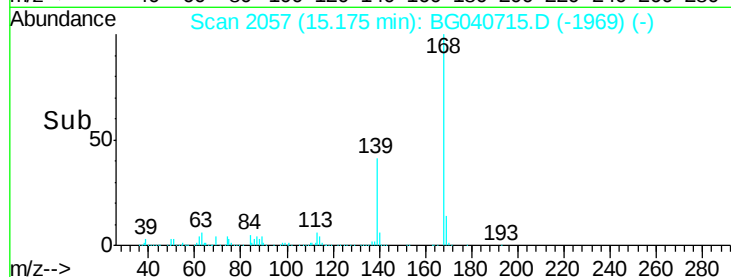
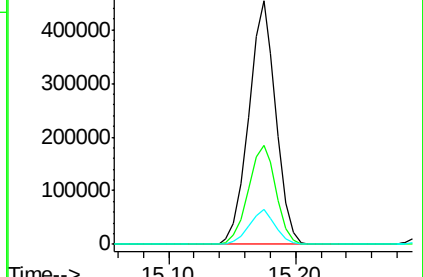
169 14.2 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 111.577 ng

RT: 14.97 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

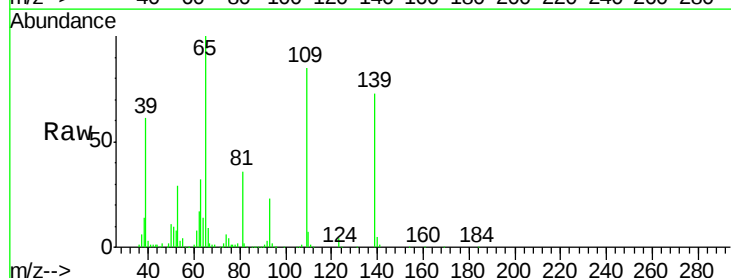
Tgt Ion:139 Resp: 211221

Ion Ratio Lower Upper

139 100

109 116.6 93.8 133.8

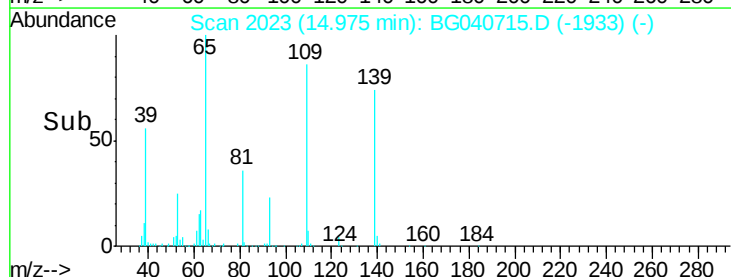
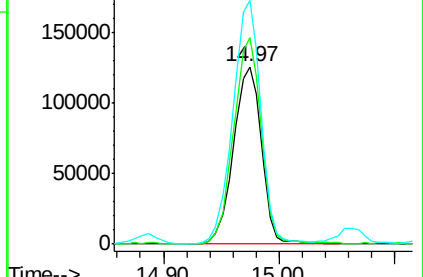
65 137.2 122.7 162.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

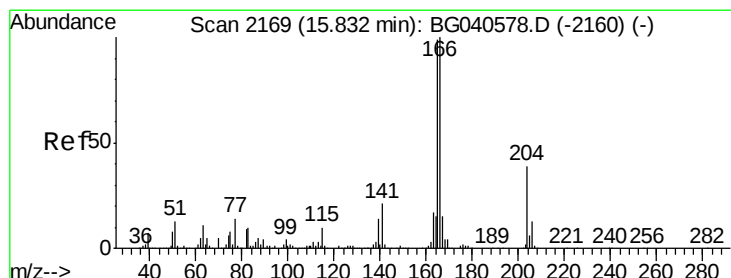
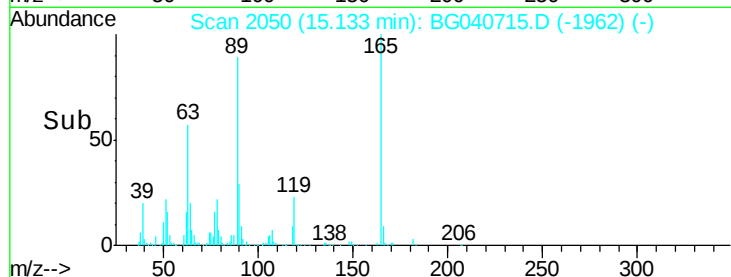
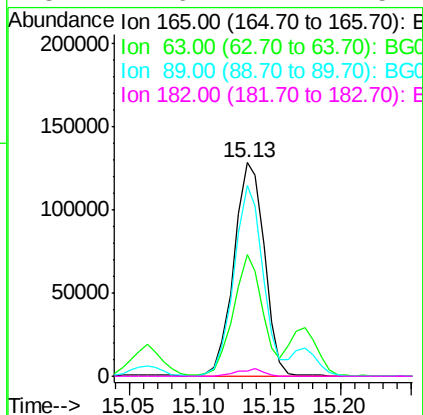
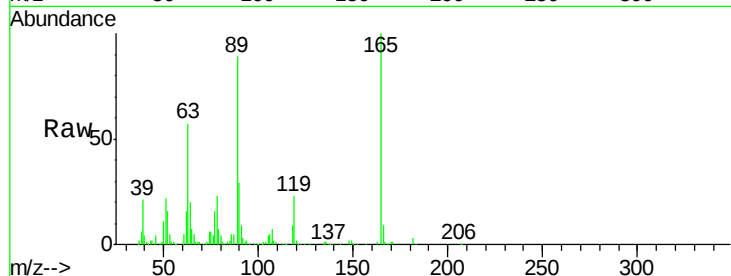




#57
 2,4-Dinitrotoluene
 Concen: 66.684 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

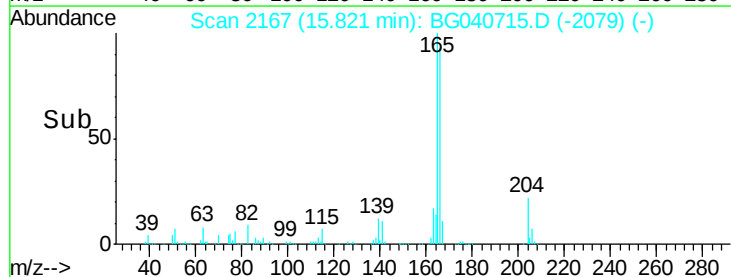
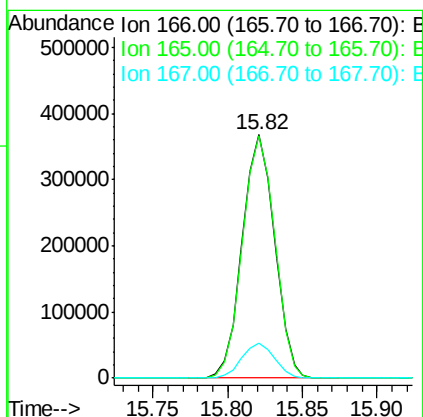
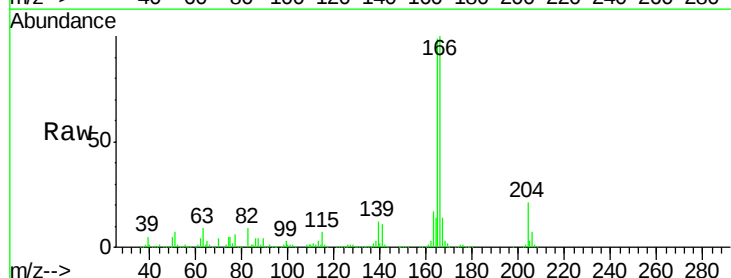
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MS

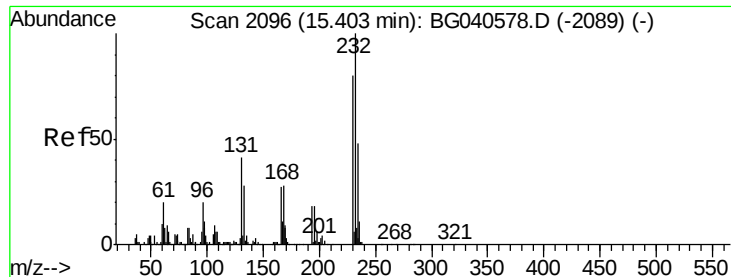
Tot Ion:165	Resp:	193070
Ion Ratio	Lower	Upper
165 100		
63 56.9	45.8	68.8
89 89.2	69.4	104.2
182 2.6	2.2	3.4



#58
 Fluorene
 Concen: 53.416 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

Tgt	Ion:166	Resp:	553959
Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.6	119.4
167	14.3	12.2	18.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 64.771 ng

RT: 15.39 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

Tot Ion:232 Resp: 208612

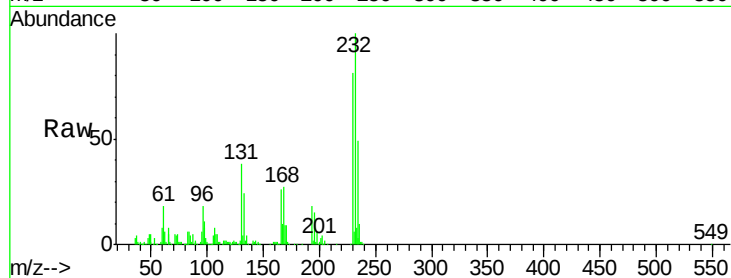
Ion Ratio Lower Upper

232 100

131 39.4 33.0 49.4

130 2.6 2.0 3.0

166 27.9 22.1 33.1

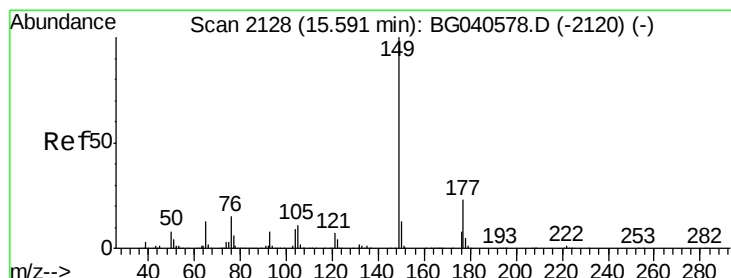
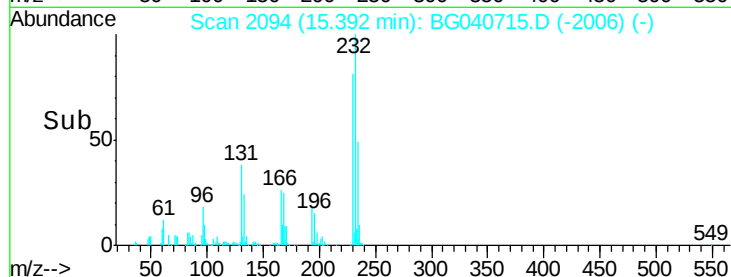
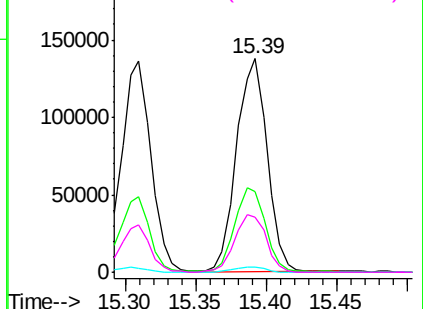


Abundance Ion 232.00 (231.70 to 232.70): E

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: 54.519 ng

RT: 15.58 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

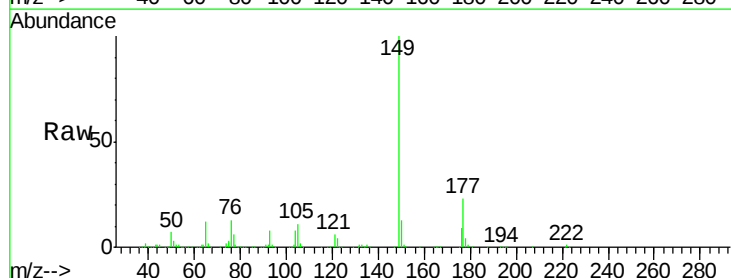
Tgt Ion:149 Resp: 627993

Ion Ratio Lower Upper

149 100

177 23.4 18.5 27.7

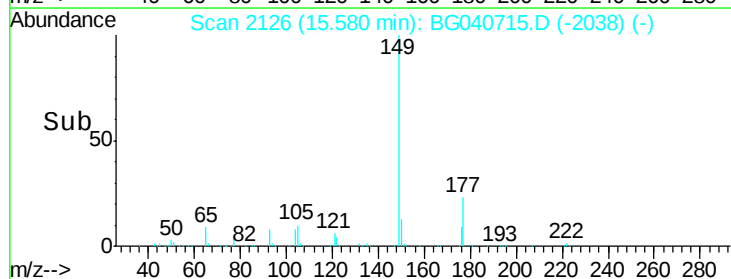
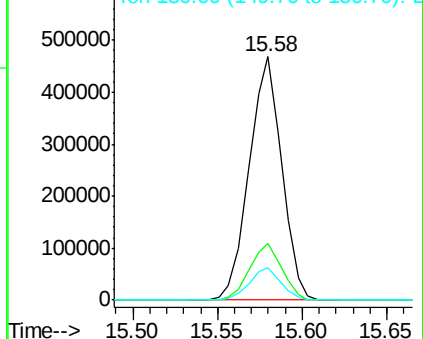
150 13.2 10.2 15.4

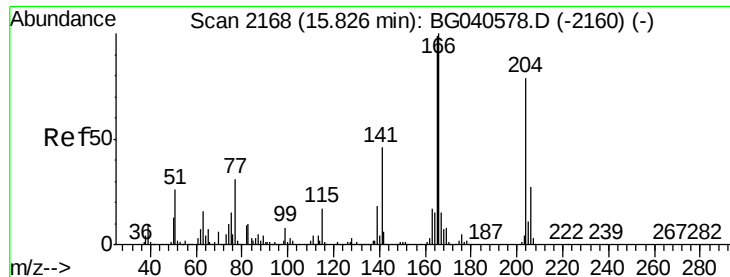


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 55.674 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

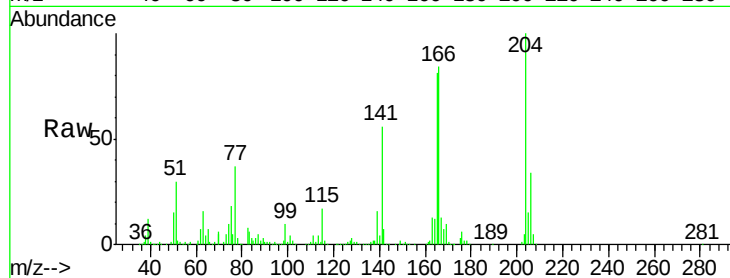
Tot Ion:204 Resp: 335802

Ion Ratio Lower Upper

204 100

206 34.1 27.4 41.2

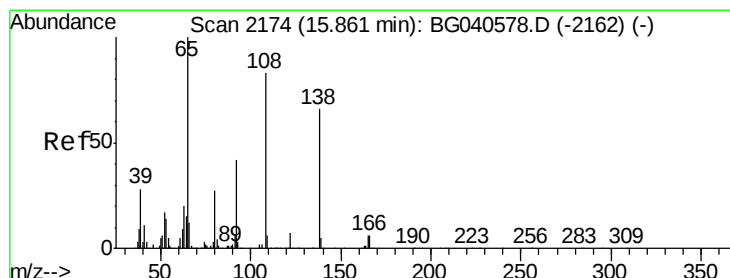
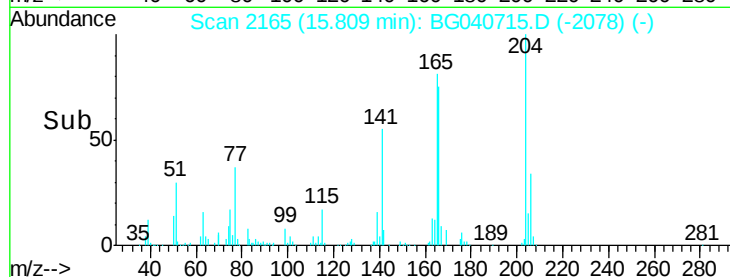
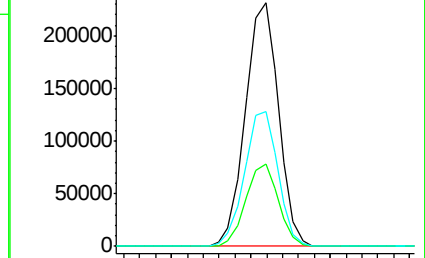
141 55.6 46.0 69.0



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: 39.569 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

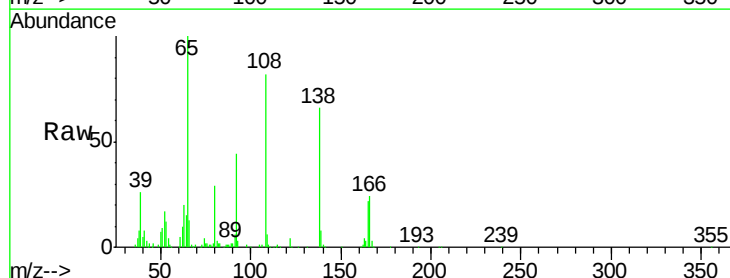
Tgt Ion:138 Resp: 96632

Ion Ratio Lower Upper

138 100

92 67.2 43.9 83.9

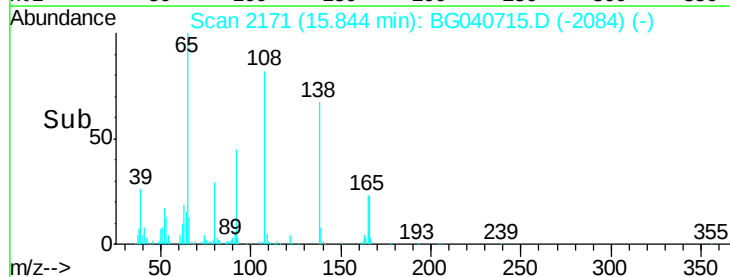
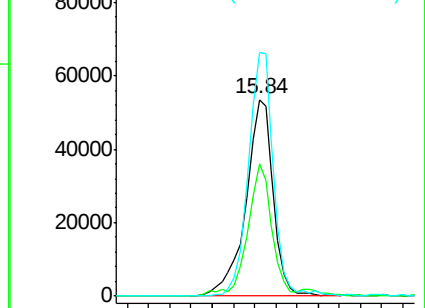
108 123.7 106.5 146.5

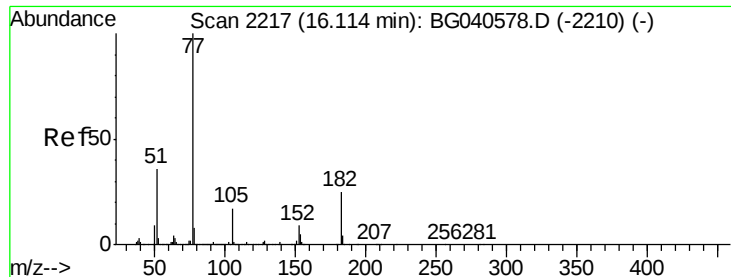


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 50.203 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

Tot Ion: 77 Resp: 595540

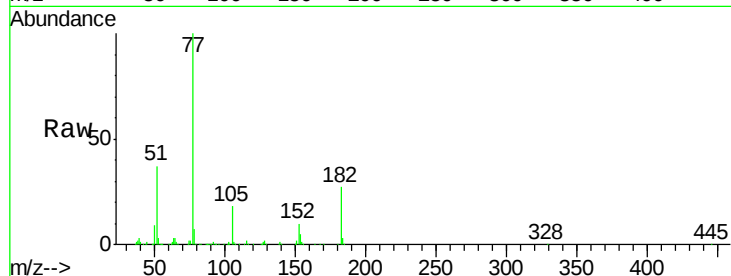
Ion Ratio Lower Upper

77 100

182 27.3 5.0 45.0

105 17.5 0.0 37.6

51 36.6 16.3 56.3

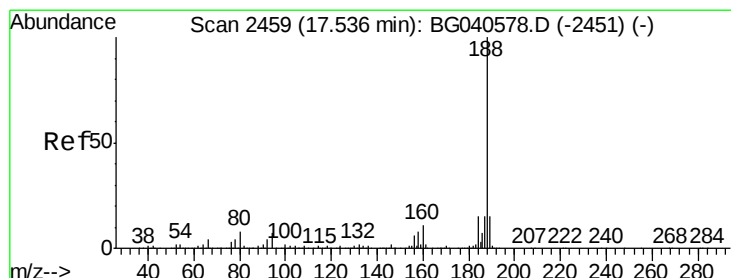
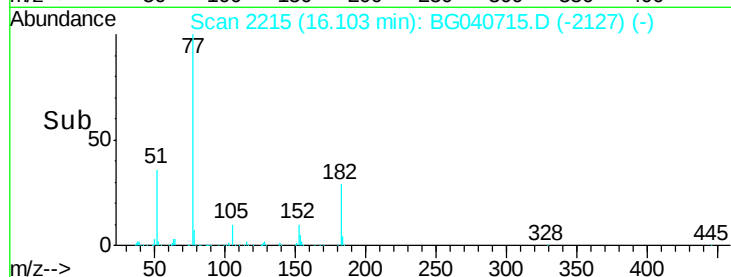
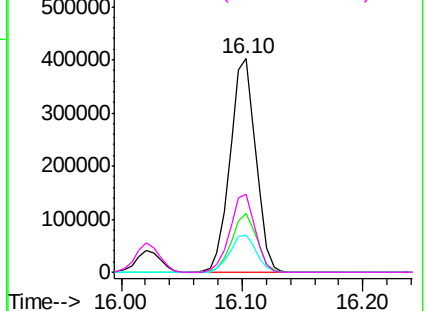


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

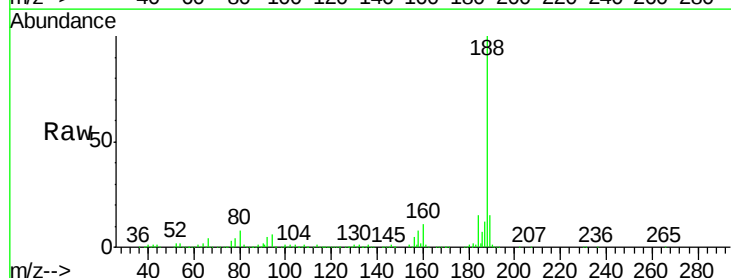
Tgt Ion: 188 Resp: 364403

Ion Ratio Lower Upper

188 100

94 6.0 5.6 8.4

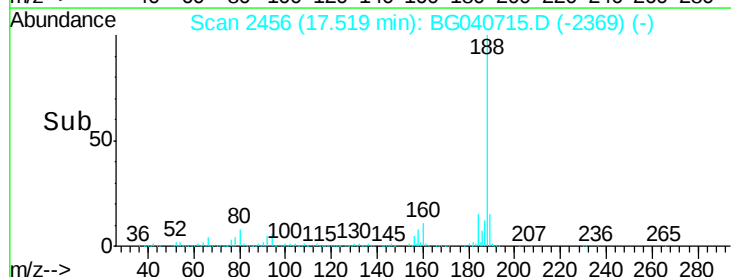
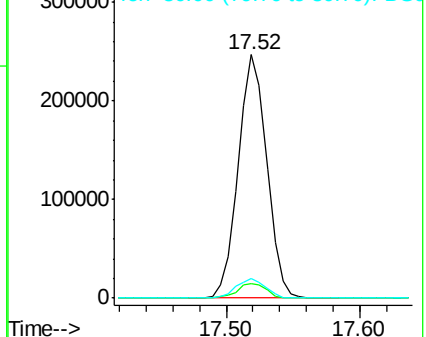
80 8.1 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

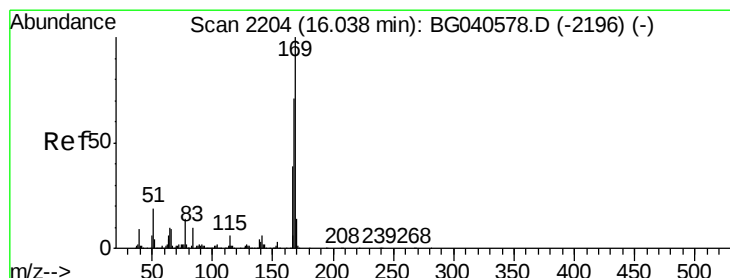
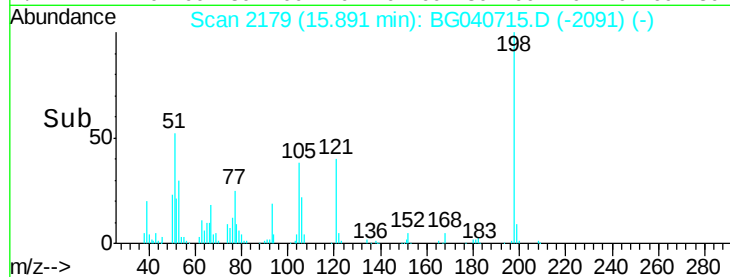
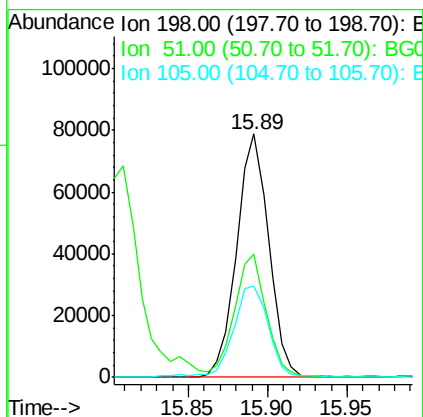
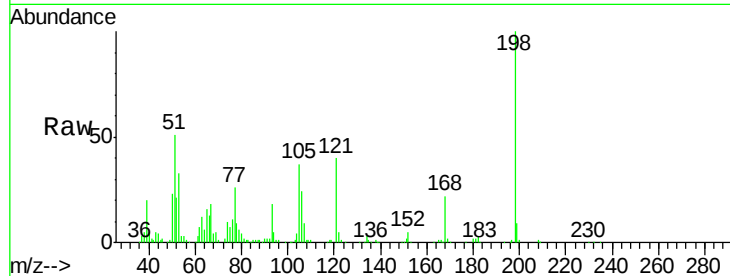




#65
 4,6-Dinitro-2-methylphenol
 Concen: 59.484 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

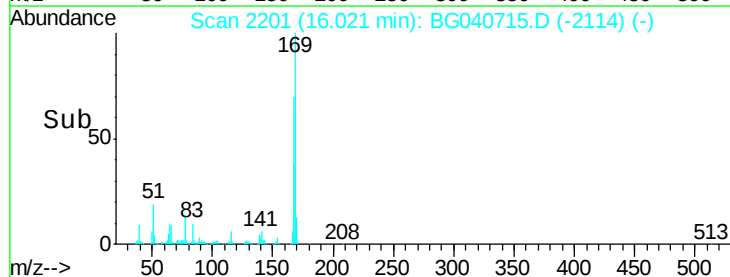
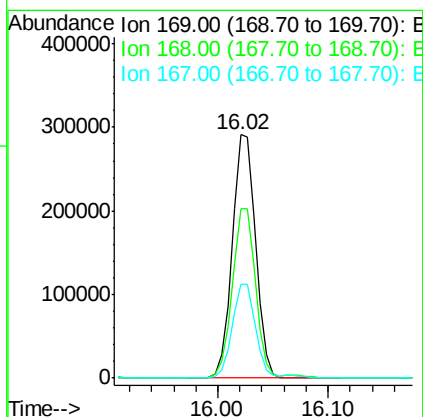
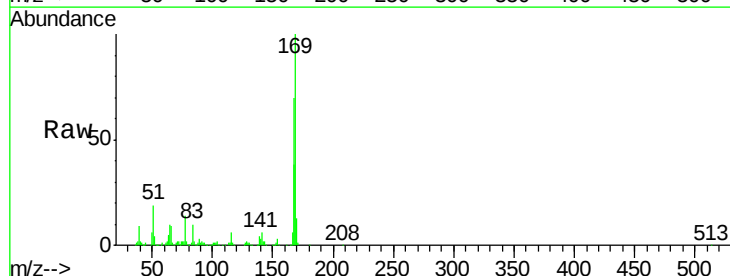
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MS

Tot Ion:198 Resp: 110384
 Ion Ratio Lower Upper
 198 100
 51 50.6 35.9 75.9
 105 37.4 21.2 61.2



#66
 n-Nitrosodiphenylamine
 Concen: 40.384 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

Tgt Ion:169 Resp: 432961
 Ion Ratio Lower Upper
 169 100
 168 69.6 56.8 85.2
 167 38.4 31.4 47.0

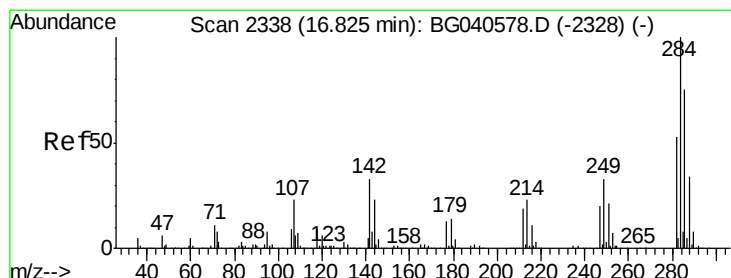
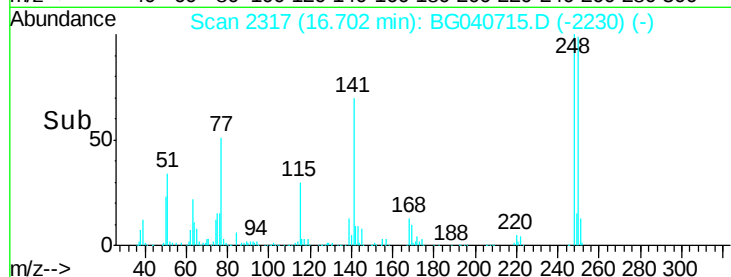
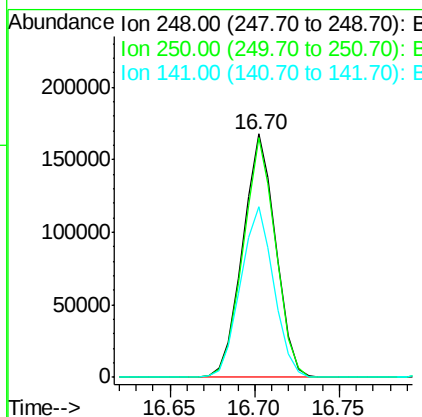
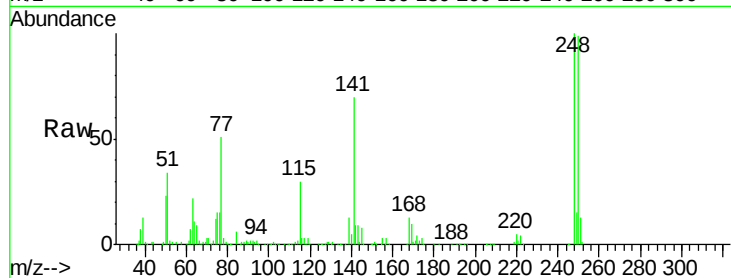




#67
 4-Bromophenyl-phenylether
 Concen: 50.111 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

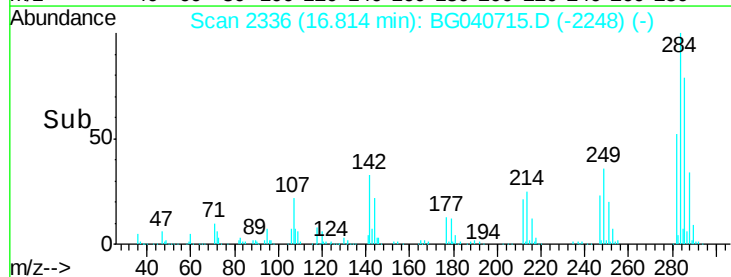
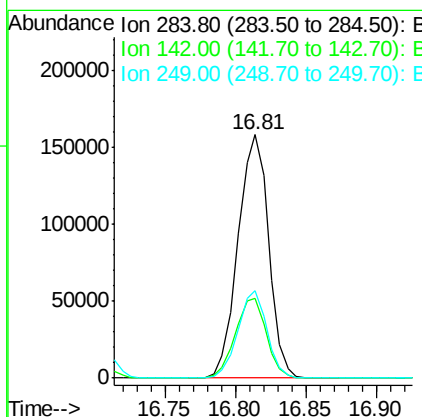
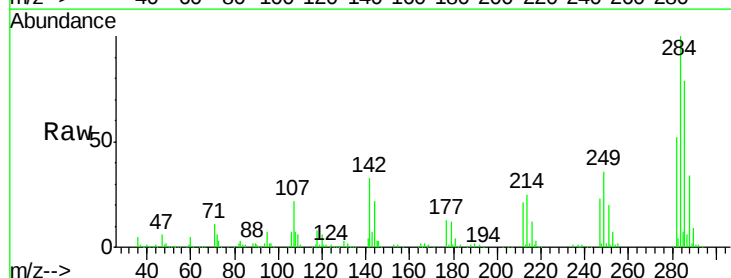
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MS

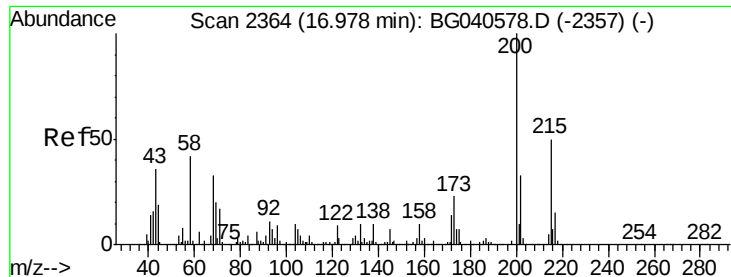
Tot Ion:248 Resp: 227503
 Ion Ratio Lower Upper
 248 100
 250 98.6 79.8 119.6
 141 70.0 60.8 91.2



#68
 Hexachlorobenzene
 Concen: 50.782 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

Tgt Ion:284 Resp: 238386
 Ion Ratio Lower Upper
 284 100
 142 32.8 26.6 40.0
 249 38.1 26.0 39.0

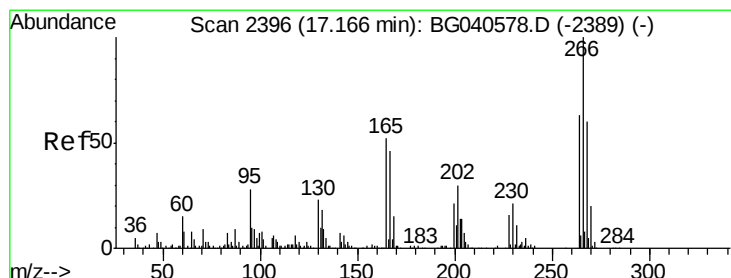
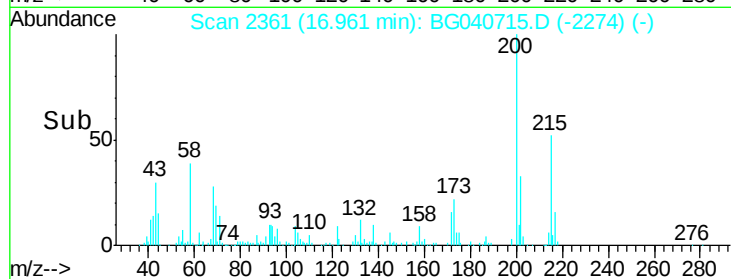
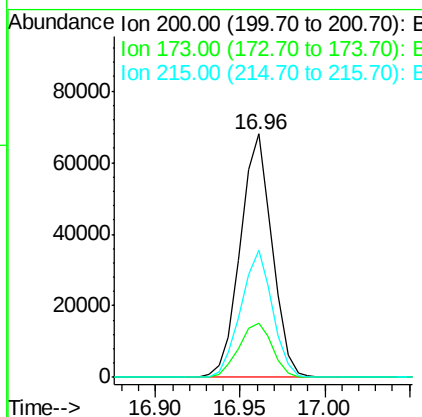
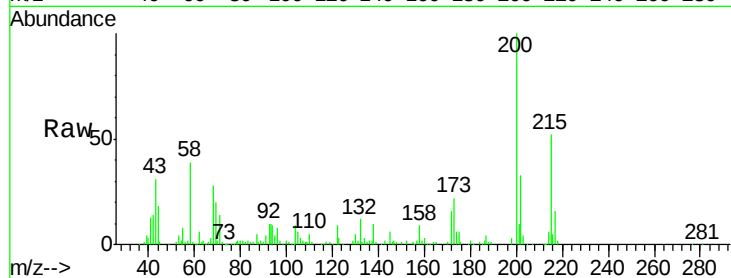




#69
 Atrazine
 Concen: 20.967 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

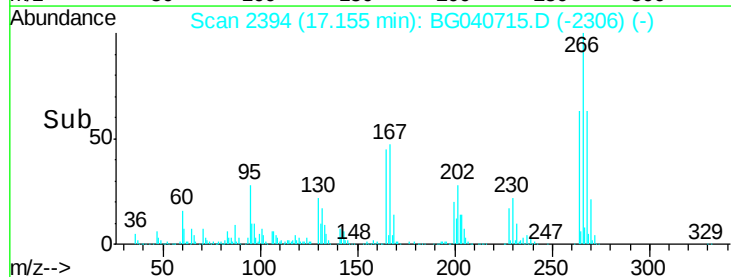
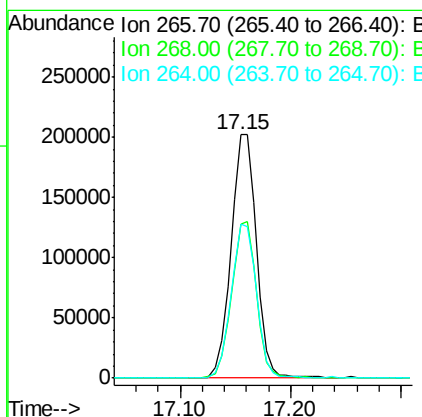
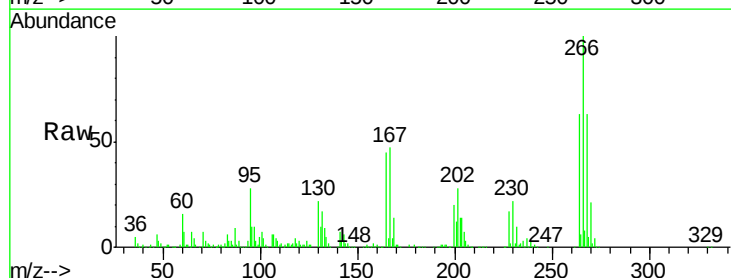
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MS

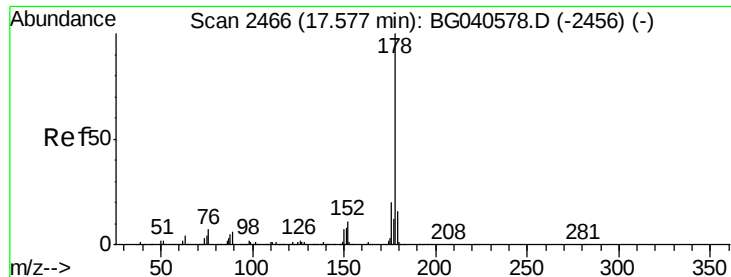
Tot Ion:200 Resp: 89060
 Ion Ratio Lower Upper
 200 100
 173 22.1 2.8 42.8
 215 52.3 30.2 70.2



#70
 Pentachlorophenol
 Concen: 118.994 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BG040715.D
 Acq: 2 May 2019 20:16

Tgt Ion:266 Resp: 326874
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.3 78.5
 264 63.2 50.0 75.0

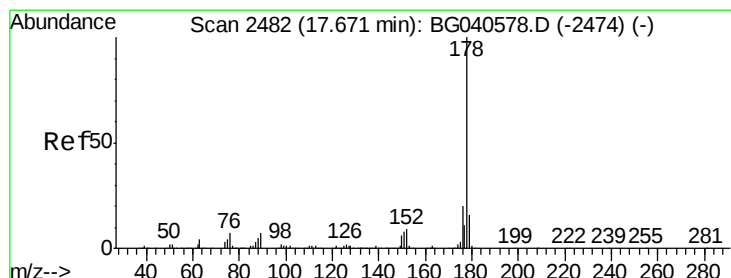
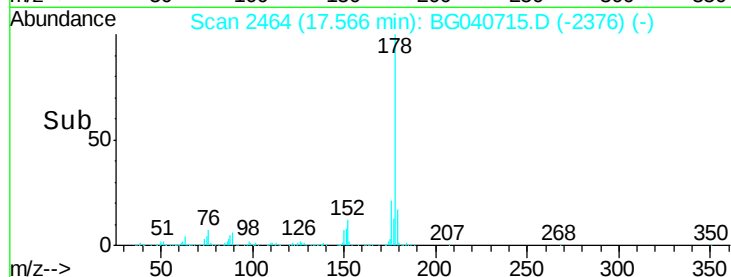
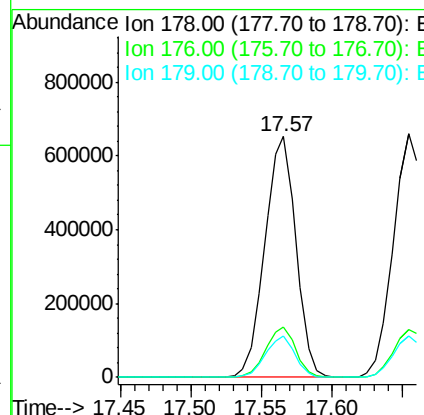
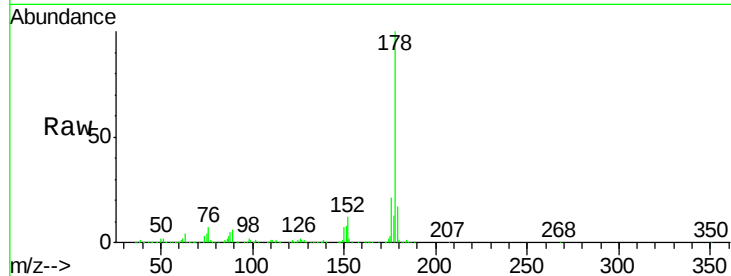




#71
Phenanthrene
Concen: 51.275 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

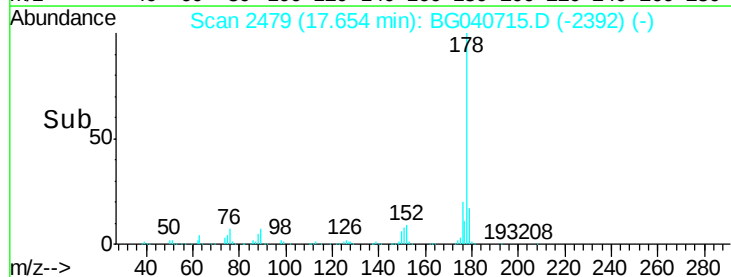
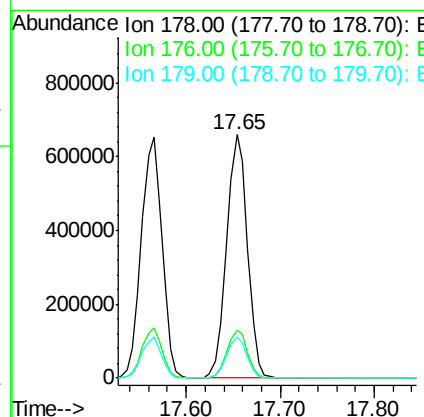
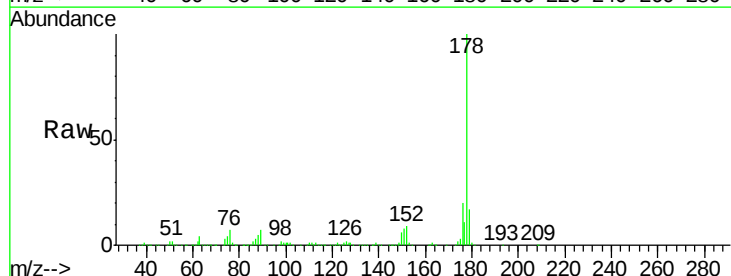
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

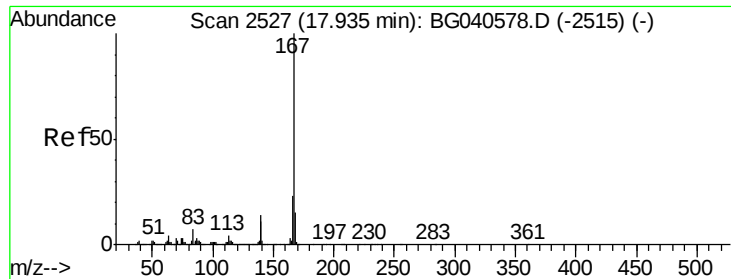
Tot Ion:178 Resp: 1006403
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 17.2 12.6 18.8



#72
Anthracene
Concen: 51.414 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion:178 Resp: 1014358
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 17.0 12.9 19.3





#73

Carbazole

Concen: 41.859 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

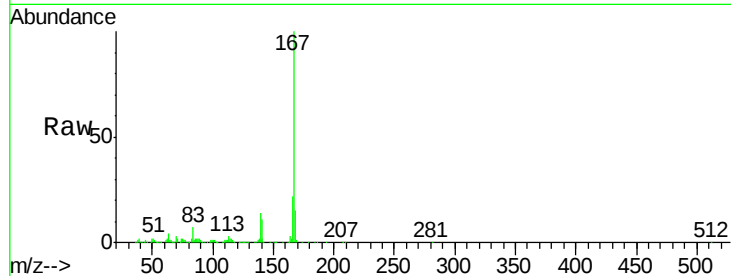
Tot Ion:167 Resp: 752408

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.4

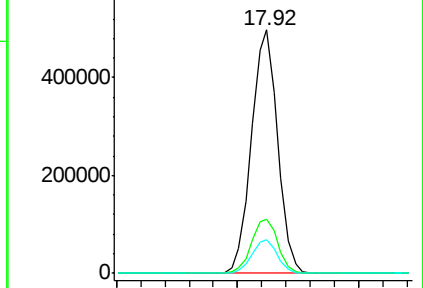
139 13.6 11.4 17.0



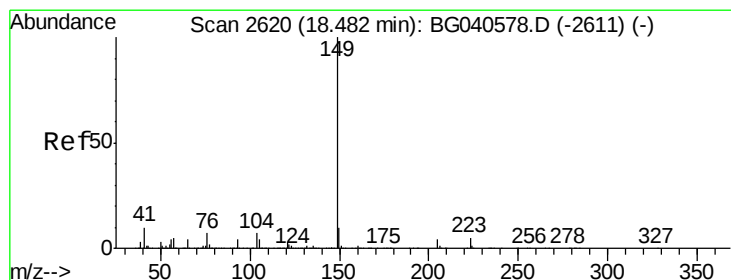
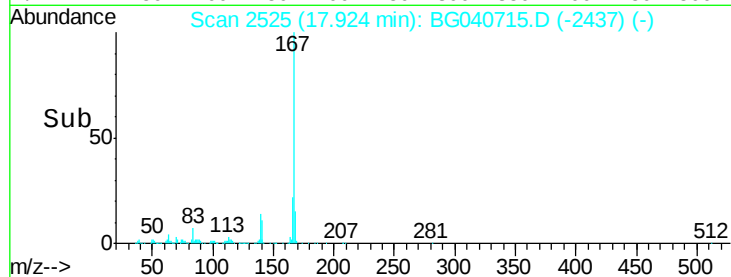
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.80 17.90 18.00



#74

Di-n-butylphthalate

Concen: 50.250 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

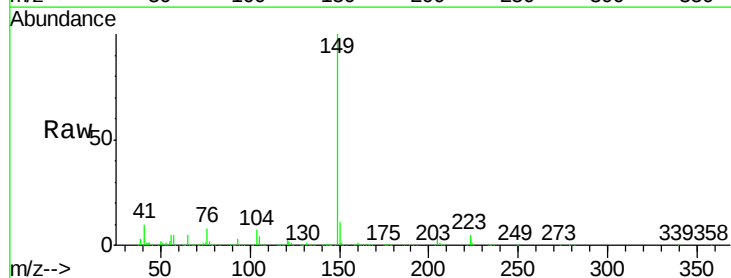
Tgt Ion:149 Resp: 1090184

Ion Ratio Lower Upper

149 100

150 10.7 8.2 12.2

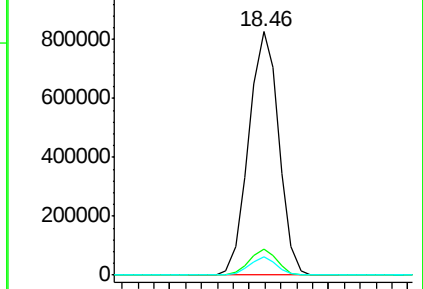
104 7.3 5.4 8.2



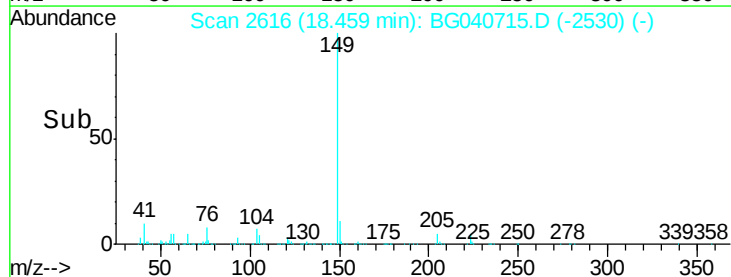
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.40 18.45 18.50





#75

Fluoranthene

Concen: 52.858 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

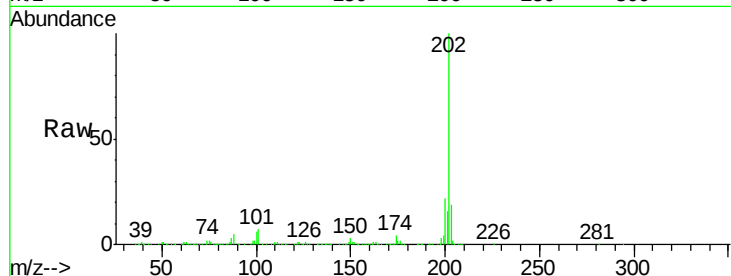
Tot Ion:202 Resp: 1292872

Ion Ratio Lower Upper

202 100

101 7.1 0.0 27.5

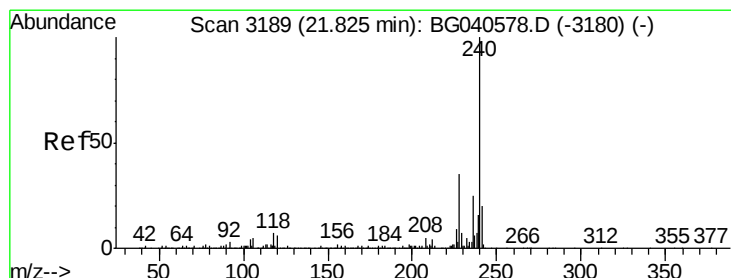
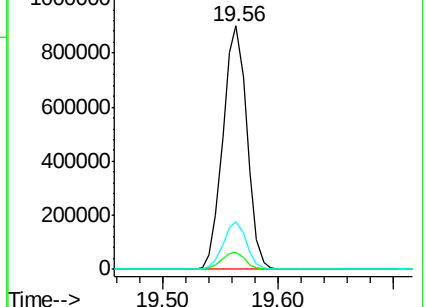
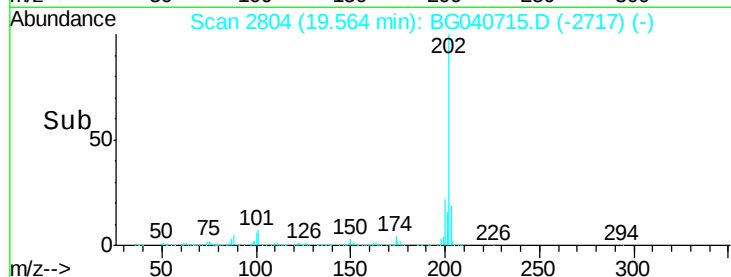
203 19.5 0.0 39.3



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: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

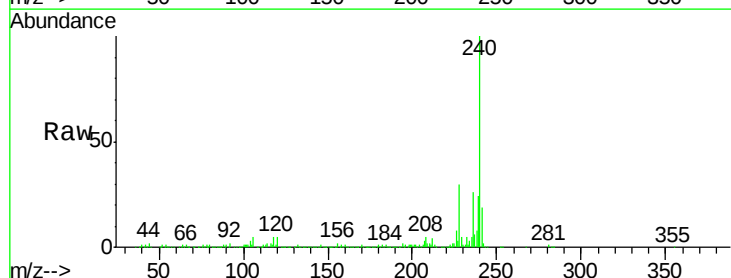
Tgt Ion:240 Resp: 366420

Ion Ratio Lower Upper

240 100

120 5.2 5.0 7.6

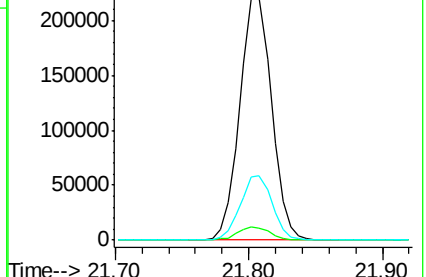
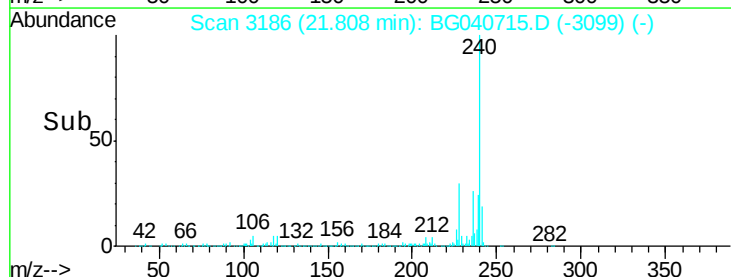
236 26.3 20.3 30.5

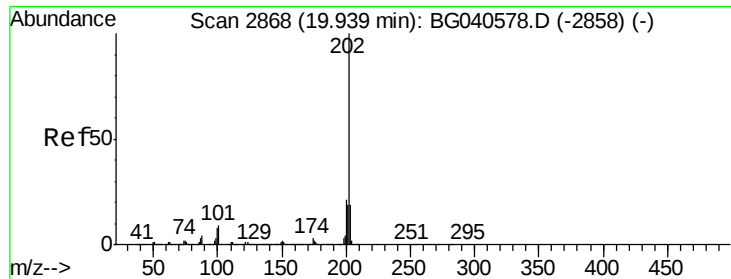


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

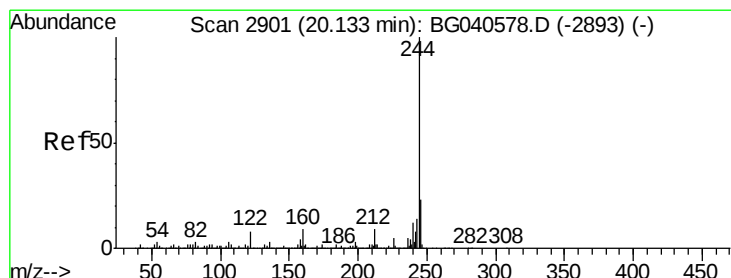
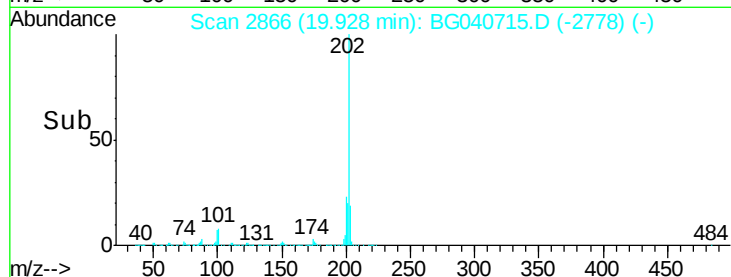
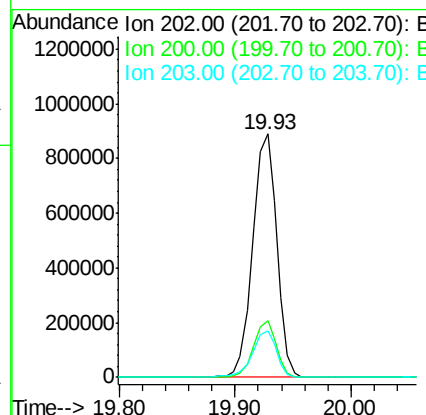
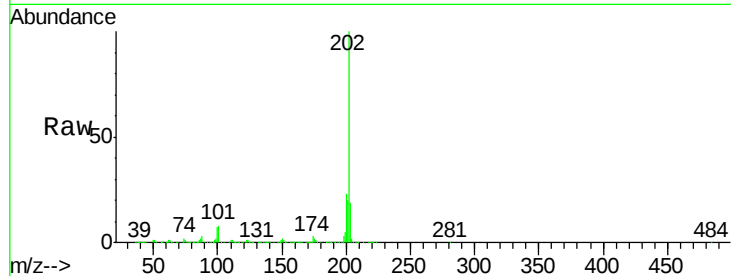




#78
Pvrene
Concen: 56.402 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

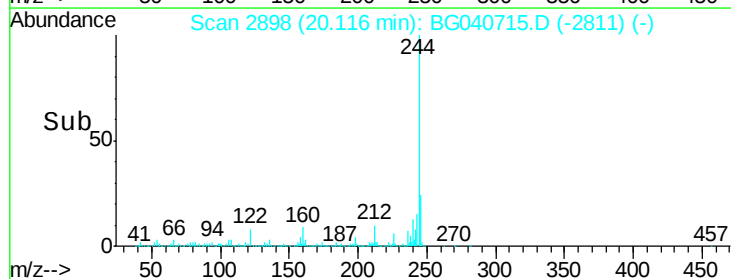
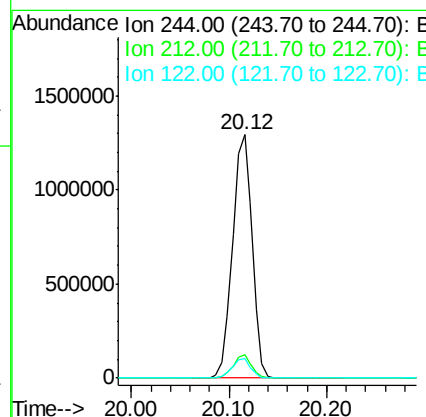
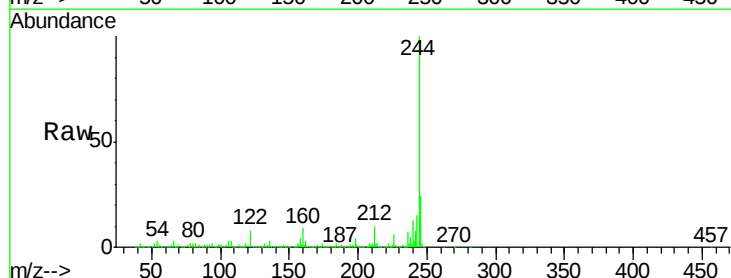
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

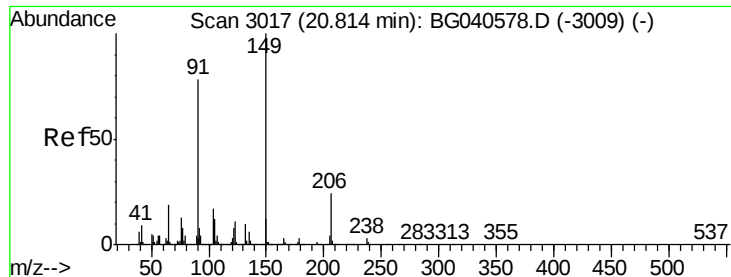
Tot Ion:202 Resp: 1295299
Ion Ratio Lower Upper
202 100
200 23.0 17.2 25.8
203 19.4 15.0 22.4



#79
Terphenyl-d14
Concen: 108.384 ng
RT: 20.12 min Scan# 2898
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion:244 Resp: 1792626
Ion Ratio Lower Upper
244 100
212 9.5 7.2 10.8
122 7.8 6.6 10.0

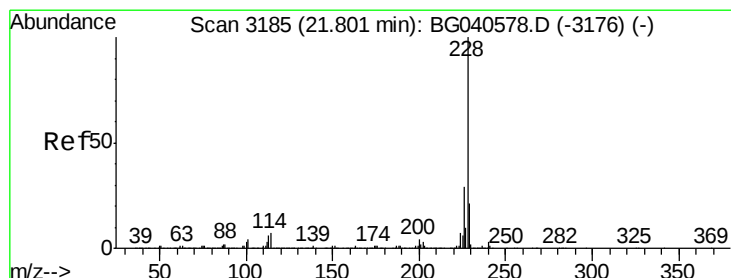
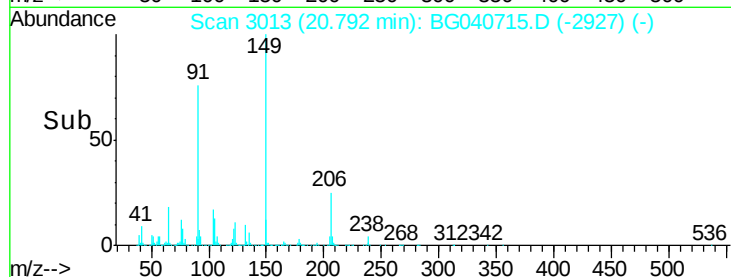
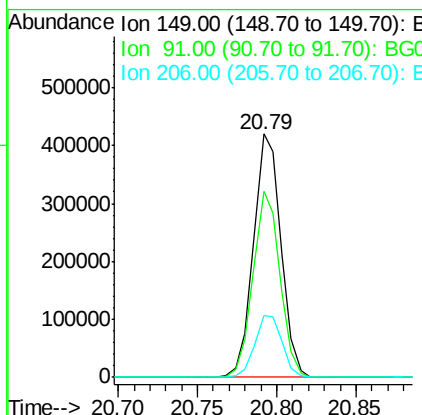
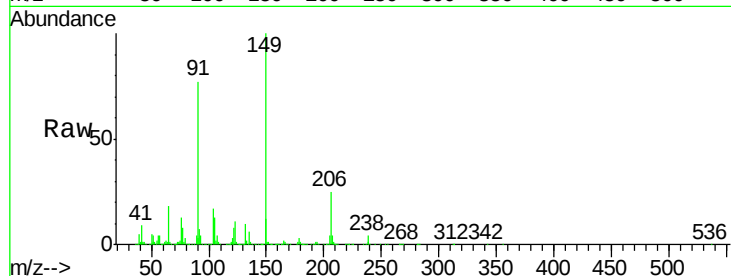




#80
Butylbenzylphthalate
Concen: 56.678 ng
RT: 20.79 min Scan# 3013
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

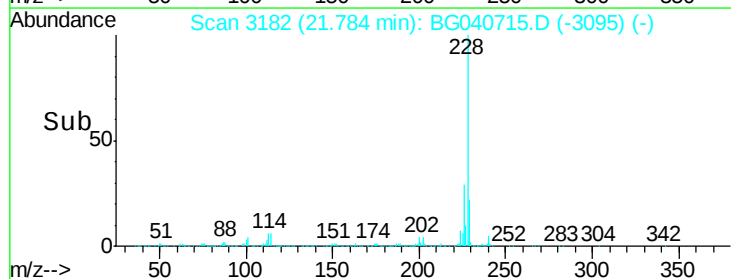
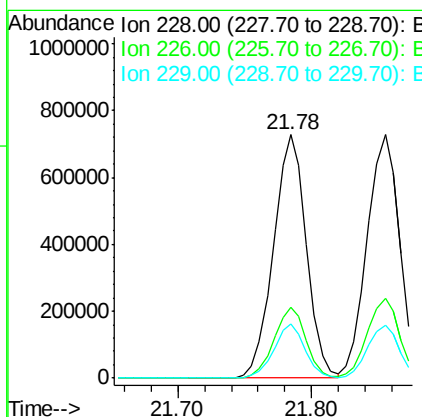
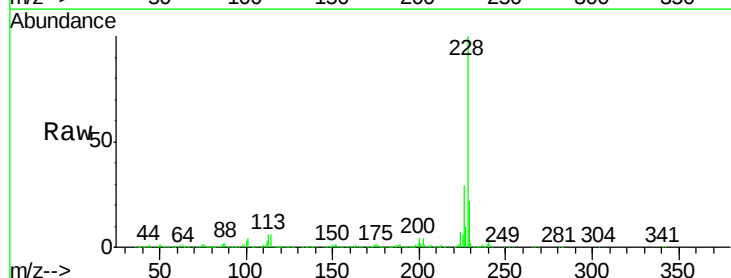
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

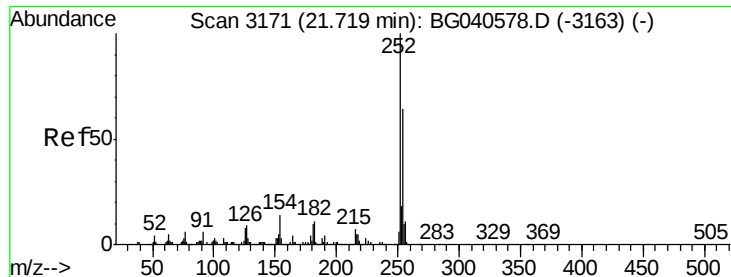
Tot Ion:149 Resp: 507321
Ion Ratio Lower Upper
149 100
91 76.5 62.6 93.8
206 25.3 19.4 29.2



#81
Benzo(a)anthracene
Concen: 53.872 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion:228 Resp: 1247557
Ion Ratio Lower Upper
228 100
226 29.1 23.1 34.7
229 22.2 17.0 25.4





#82

3,3'-Dichlorobenzidine

Concen: 2.688 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

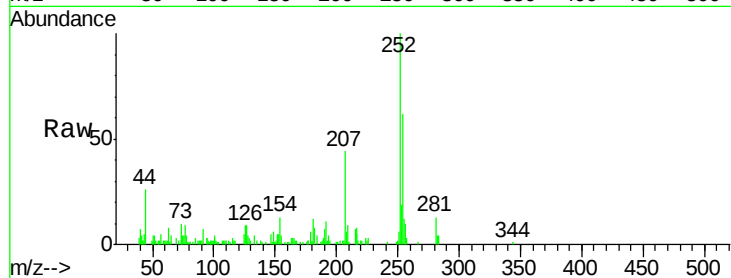
Tot Ion:252 Resp: 22191

Ion	Ratio	Lower	Upper
252	100		
254	62.2	51.2	76.8
126	8.9	6.6	10.0

252 100

254 62.2 51.2 76.8

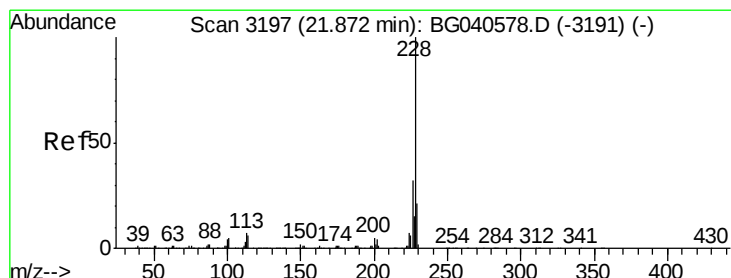
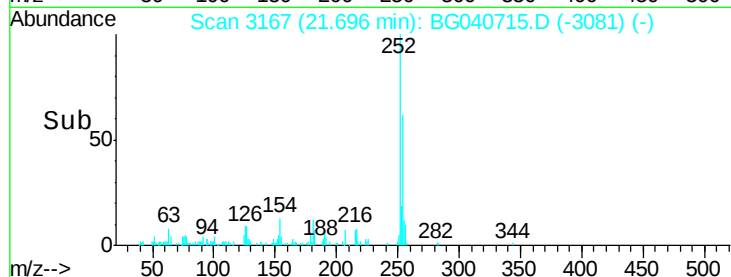
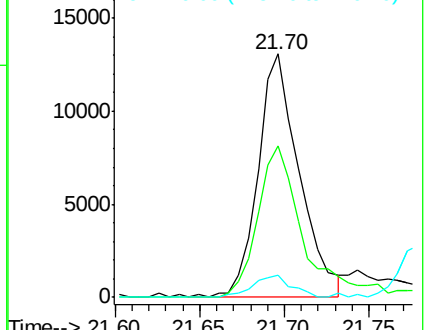
126 8.9 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 55.160 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

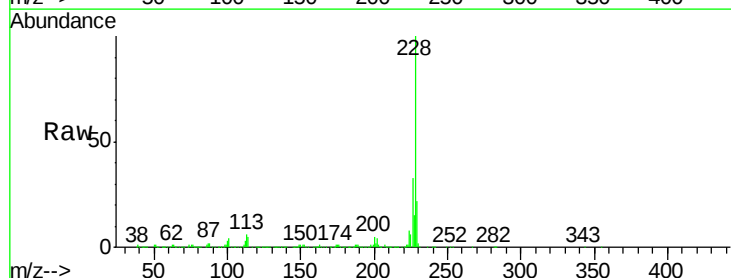
Tgt Ion:228 Resp: 1214836

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.5	38.3
229	21.7	16.8	25.2

228 100

226 32.7 25.5 38.3

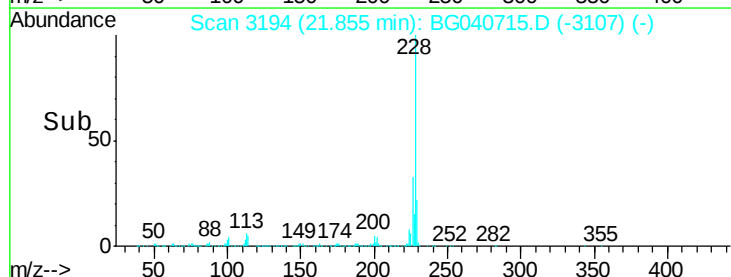
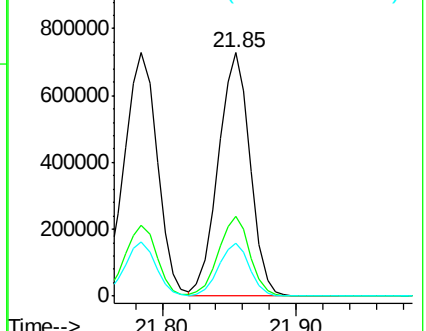
229 21.7 16.8 25.2

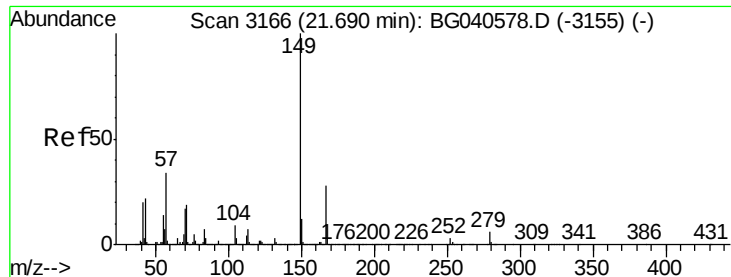


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 53.518 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.03 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

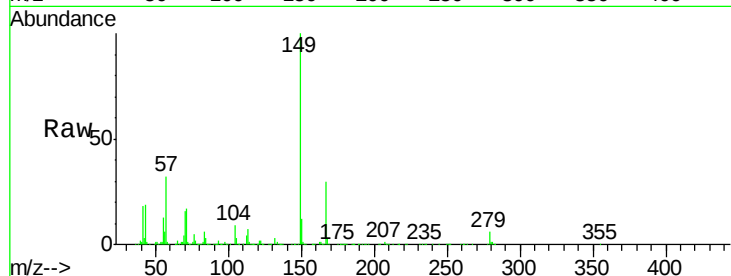
Tot Ion:149 Resp: 691490

Ion Ratio Lower Upper

149 100

167 30.0 22.4 33.6

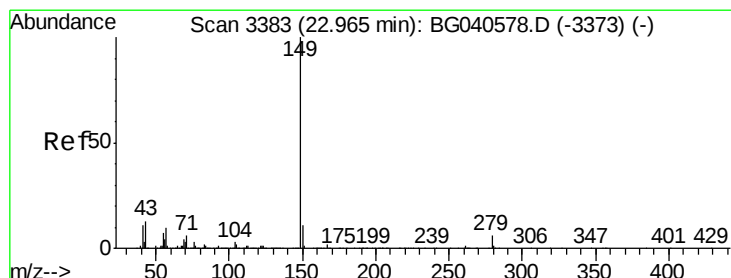
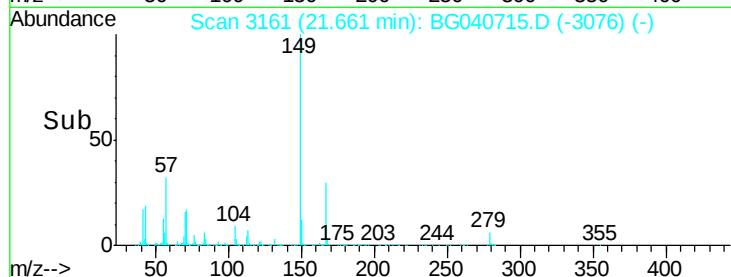
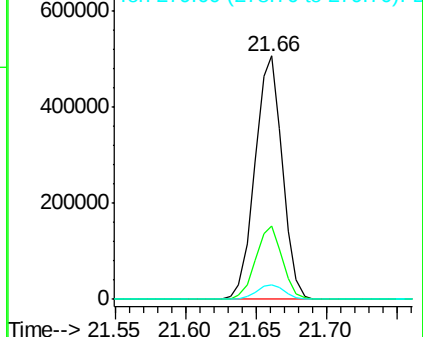
279 6.1 4.6 6.8



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: 54.321 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.05 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

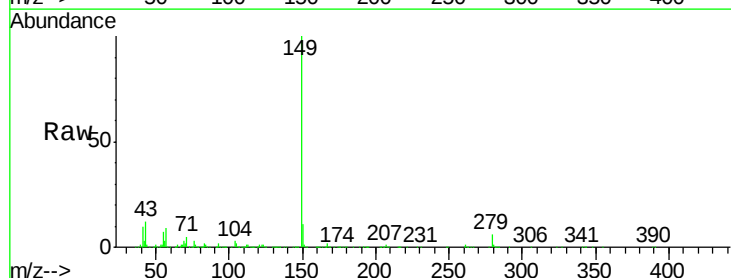
Tgt Ion:149 Resp: 1182026

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

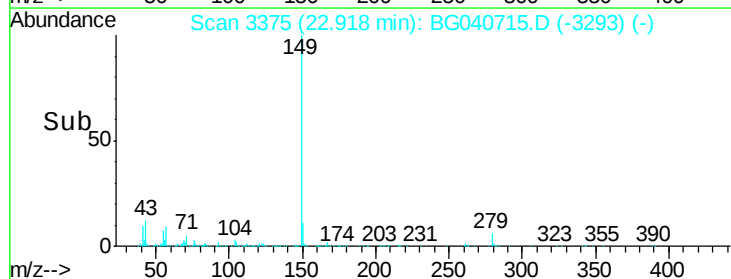
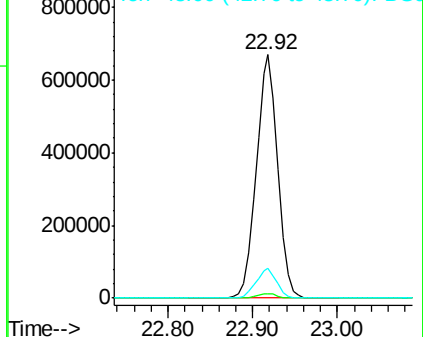
43 12.0 10.2 15.2

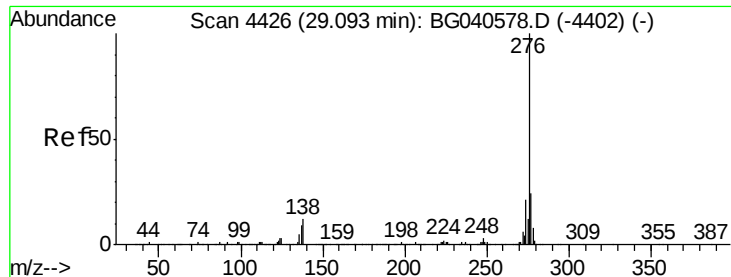


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#86

Indeno(1,2,3-cd)pyrene

Concen: 53.785 ng

RT: 29.03 min Scan# 4415

Delta R.T. -0.06 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

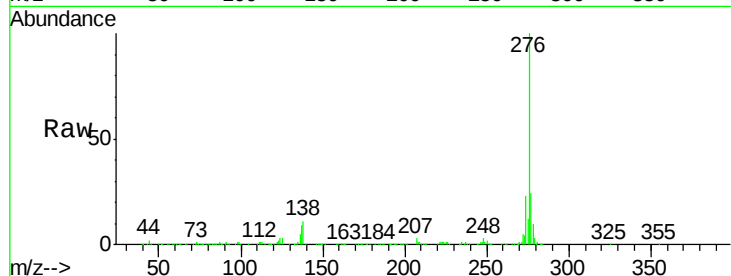
Tot Ion:276 Resp: 1432179

Ion Ratio Lower Upper

276 100

138 7.3 9.8 14.6#

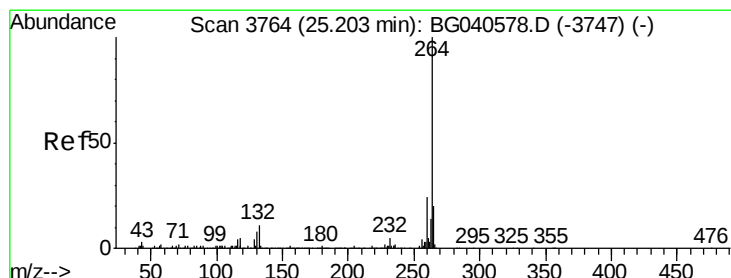
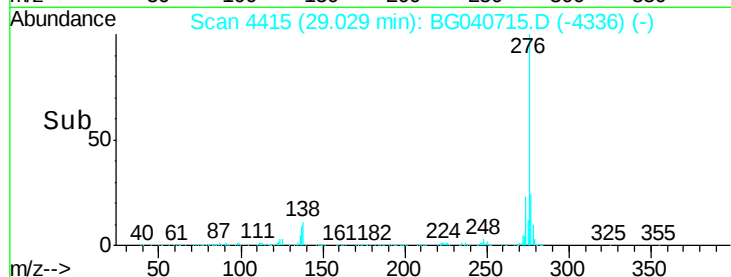
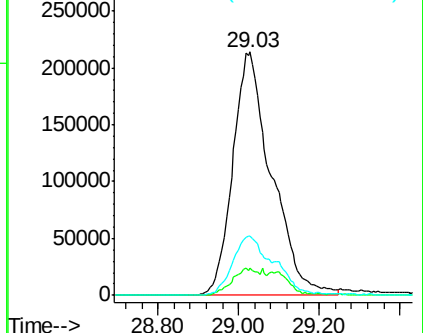
277 26.1 17.3 25.9#



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

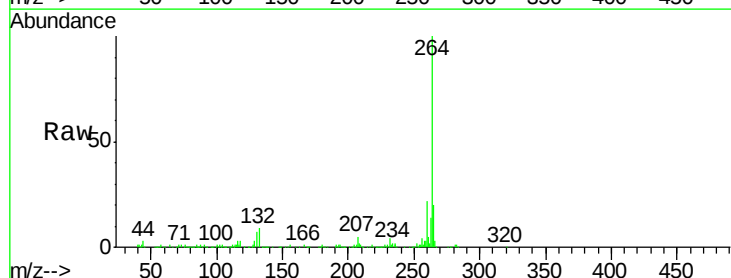
Tgt Ion:264 Resp: 378824

Ion Ratio Lower Upper

264 100

260 21.6 19.2 28.8

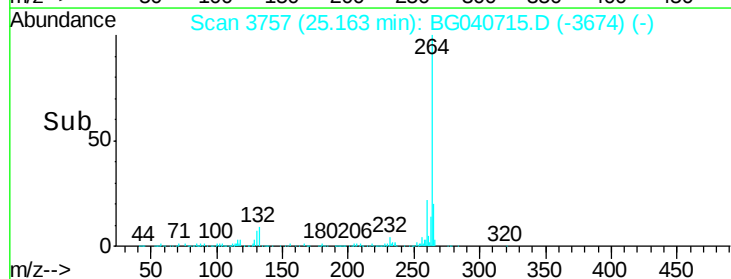
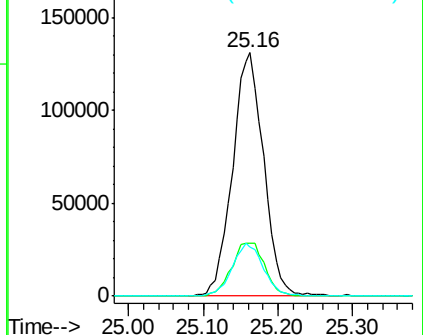
265 20.2 16.6 25.0

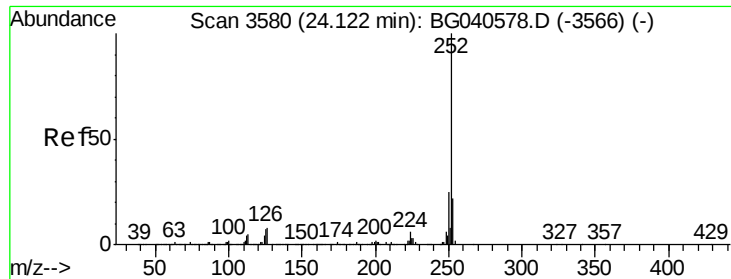


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

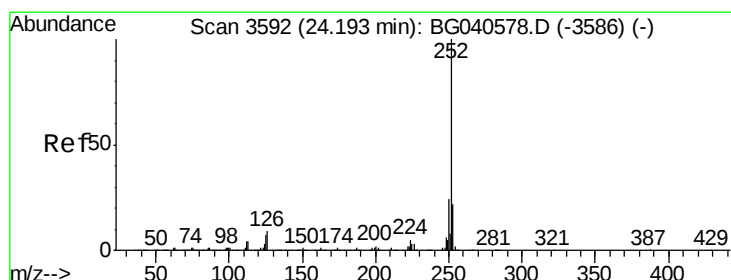
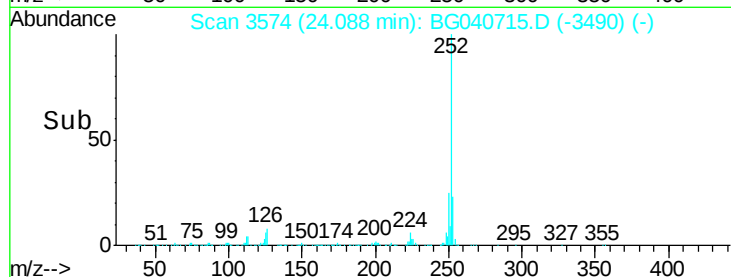
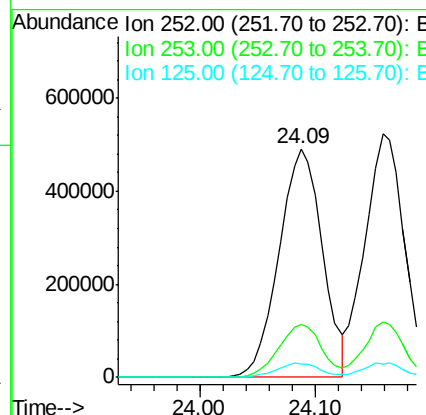
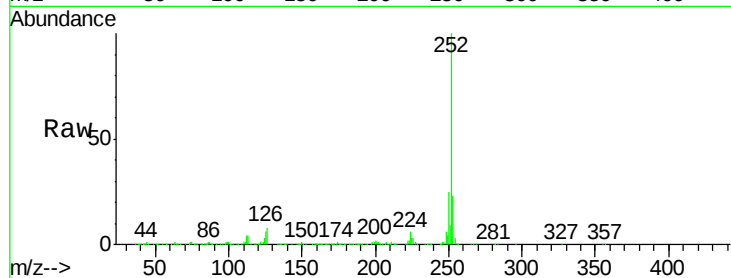




#88
Benzo(b)fluoranthene
Concen: 55.457 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.03 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

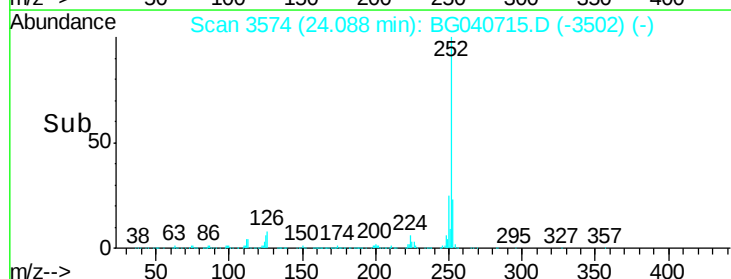
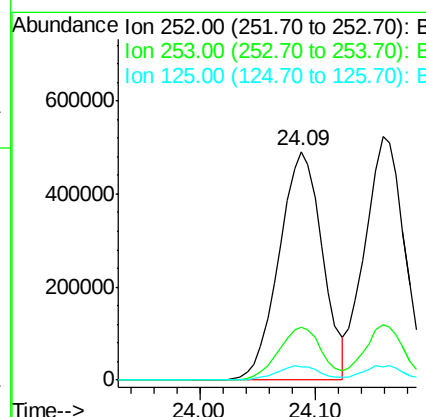
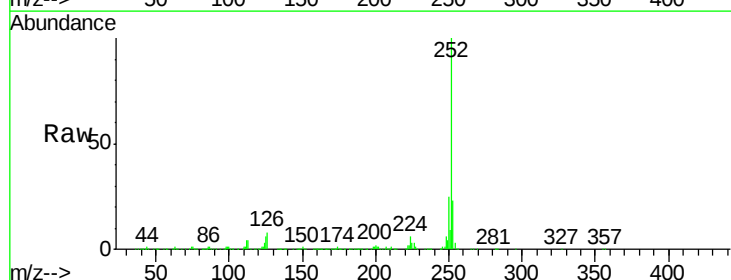
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

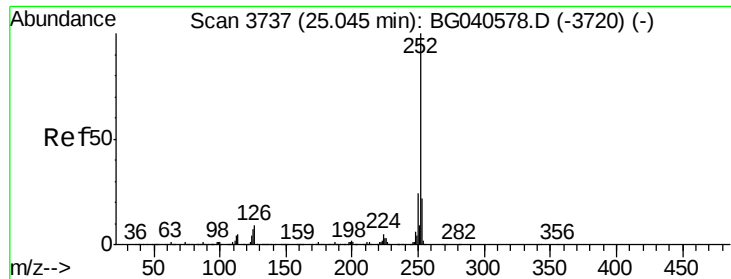
Tot Ion:252 Resp: 1283795
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 5.9 5.4 8.0



#89
Benzo(k)fluoranthene
Concen: 59.382 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.11 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion:252 Resp: 1283795
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 5.9 5.5 8.3

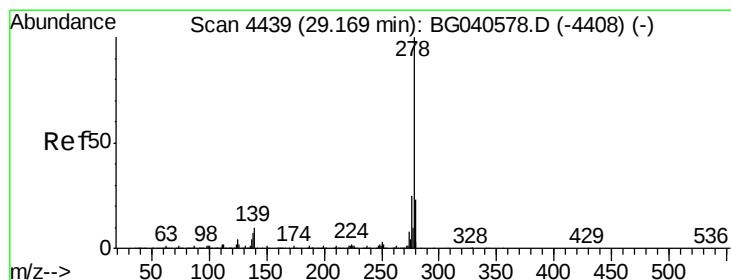
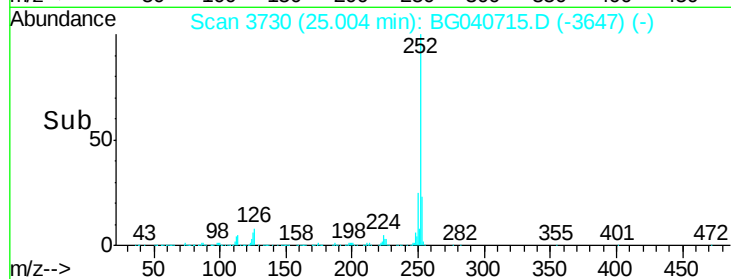
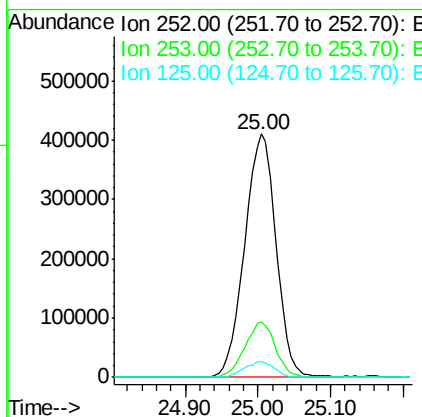
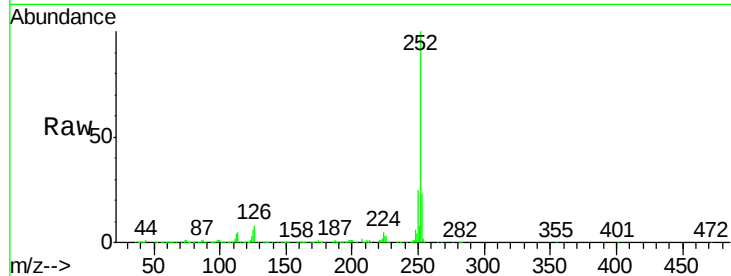




#90
Benzo(a)pyrene
Concen: 56.302 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

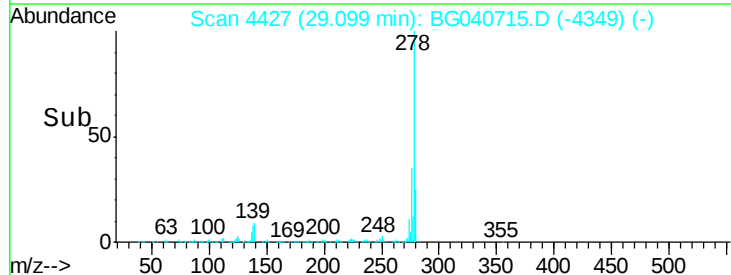
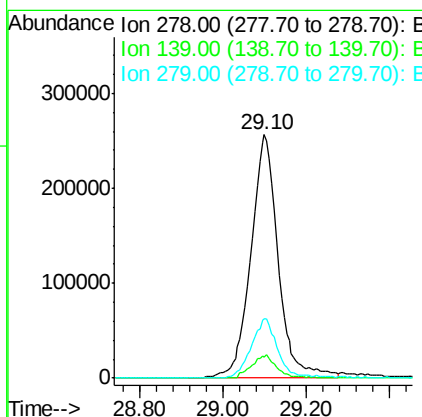
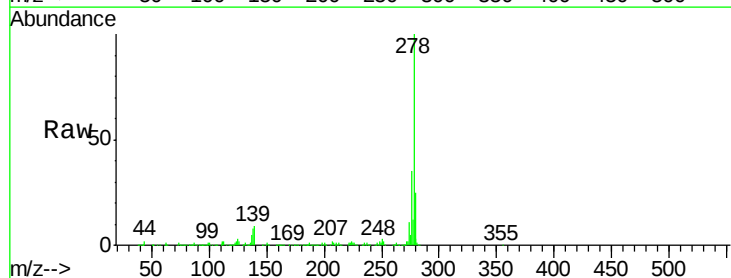
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MS

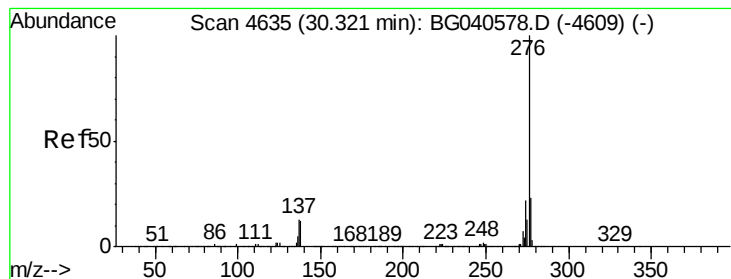
Tot Ion:252 Resp: 1233741
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 6.3 5.7 8.5



#91
Dibenzo(a,h)anthracene
Concen: 53.156 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.07 min
Lab File: BG040715.D
Acq: 2 May 2019 20:16

Tgt Ion:278 Resp: 1178732
Ion Ratio Lower Upper
278 100
139 8.7 8.2 12.4
279 24.6 18.5 27.7





#92

Benzo(a,h,i)perylene

Concen: 51.738 ng

RT: 30.25 min Scan# 4622

Delta R.T. -0.08 min

Lab File: BG040715.D

Acq: 2 May 2019 20:16

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MS

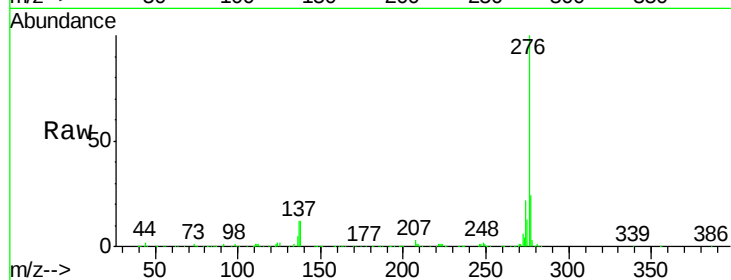
Tot Ion:276 Resp: 1141836

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 11.8 9.8 14.6



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

