

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040866.D
 Acq On : 11 May 2019 4:16
 Operator : HP/JU
 Sample : K2750-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

Quant Time: May 11 06:48:59 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	8.13	152	46873	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	202638	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	159821	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	416317	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	419053	20.00	ng	-0.03
87) Perylene-d12	25.14	264	445299	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	336490	126.54	ng	-0.02
7) Phenol-d6	7.27	99	479894	117.21	ng	-0.02
23) Nitrobenzene-d5	9.31	82	382068	87.12	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	330524	150.46	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	900164	81.34	ng	-0.03
79) Terphenyl-d14	20.10	244	1742051	92.10	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	37999	31.422	ng	# 32
3) Pyridine	3.95	79	81600	23.280	ng	98
4) n-Nitrosodimethylamine	3.87	42	63738	32.784	ng	90
6) Aniline	7.46	93	76341	14.068	ng	98
8) 2-Chlorophenol	7.69	128	137789	42.438	ng	96
9) Benzaldehyde	7.27	77	43037	13.174	ng	98
10) Phenol	7.30	94	164757	37.436	ng	97
11) bis(2-Chloroethyl)ether	7.55	93	126934	38.462	ng	97
12) 1,3-Dichlorobenzene	8.02	146	116761	32.947	ng	96
13) 1,4-Dichlorobenzene	8.17	146	119517	33.268	ng	96
14) 1,2-Dichlorobenzene	8.49	146	121498	35.068	ng	95
15) Benzyl Alcohol	8.37	79	163057	38.276	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	209024	31.812	ng	93
17) 2-Methylphenol	8.57	107	132802	42.639	ng	95
18) Hexachloroethane	9.22	117	44726	30.350	ng	94
19) n-Nitroso-di-n-propylamine	8.94	70	133710	36.280	ng	# 93
20) 3+4-Methylphenols	8.90	107	182512	42.065	ng	99
22) Acetophenone	8.97	105	238639	42.351	ng	# 92
24) Nitrobenzene	9.35	77	198518	42.426	ng	96
25) Isophorone	9.87	82	390408	39.965	ng	97
26) 2-Nitrophenol	10.06	139	82734	49.327	ng	98
27) 2,4-Dimethylphenol	10.11	122	152229	48.373	ng	96
28) bis(2-Chloroethoxy)methane	10.35	93	196847	40.163	ng	99
29) 2,4-Dichlorophenol	10.59	162	174167	48.681	ng	93
30) 1,2,4-Trichlorobenzene	10.81	180	163935	41.320	ng	98
31) Naphthalene	11.01	128	418867	38.908	ng	98
32) Benzoic acid	10.18	122	27210	12.630	ng	# 85
33) 4-Chloroaniline	11.12	127	16641	3.486	ng	# 96
34) Hexachlorobutadiene	11.27	225	113048	38.595	ng	98
35) Caprolactam	11.90	113	44789m	31.709	ng	
36) 4-Chloro-3-methylphenol	12.22	107	209761	46.476	ng	99
37) 2-Methylnaphthalene	12.60	142	342227	42.517	ng	97
38) 1-Methylnaphthalene	12.82	142	329220	41.845	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	246082	41.332	ng	98

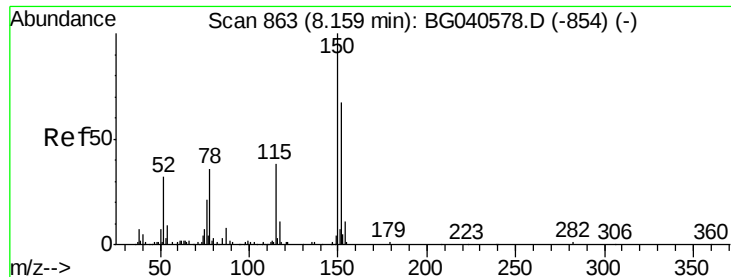
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040866.D
 Acq On : 11 May 2019 4:16
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	296149	84.296	ng	98
43) 2,4,6-Trichlorophenol	13.20	196	170977	47.522	ng	97
44) 2,4,5-Trichlorophenol	13.27	196	189392	48.322	ng	97
46) 1,1'-Biphenyl	13.60	154	482540	38.887	ng	95
47) 2-Chloronaphthalene	13.65	162	396117	40.791	ng	96
48) 2-Nitroaniline	13.85	65	151802	43.915	ng	95
49) Acenaphthylene	14.49	152	633172	38.431	ng	99
50) Dimethylphthalate	14.21	163	571779	42.760	ng	98
51) 2,6-Dinitrotoluene	14.34	165	124743	47.798	ng	94
52) Acenaphthene	14.83	154	371141	38.681	ng	97
53) 3-Nitroaniline	14.67	138	43490	16.264	ng	# 90
54) 2,4-Dinitrophenol	14.88	184	63228	46.205	ng	92
55) Dibenzofuran	15.16	168	648902	41.290	ng	100
56) 4-Nitrophenol	14.97	139	180559	77.872	ng	# 88
57) 2,4-Dinitrotoluene	15.12	165	177311	49.999	ng	# 90
58) Fluorene	15.81	166	521110	41.025	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	201688	51.126	ng	95
60) Diethylphthalate	15.56	149	587711	41.657	ng	98
61) 4-Chlorophenyl-phenylether	15.79	204	331990	44.938	ng	96
62) 4-Nitroaniline	15.83	138	116304	38.882	ng	97
63) Azobenzene	16.09	77	539134	37.106	ng	97
65) 4,6-Dinitro-2-methylphenol	15.88	198	65842	34.450	ng	86
66) n-Nitrosodiphenylamine	16.01	169	487443	39.796	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	219783	42.374	ng	93
68) Hexachlorobenzene	16.80	284	231625	43.189	ng	95
69) Atrazine	16.95	200	199862	41.185	ng	98
70) Pentachlorophenol	17.14	266	242792	77.364	ng	98
71) Phenanthrene	17.55	178	908700	40.524	ng	98
72) Anthracene	17.64	178	933677	41.424	ng	99
73) Carbazole	17.91	167	818513	39.858	ng	99
74) Di-n-butylphthalate	18.44	149	990321	39.955	ng	99
75) Fluoranthene	19.55	202	1202694	43.040	ng	99
77) Benzidine	19.74	184	28474m	2.482	ng	
78) Pyrene	19.91	202	1205397	45.895	ng	98
80) Butylbenzylphthalate	20.78	149	456936	44.637	ng	92
81) Benzo(a)anthracene	21.77	228	1148737	43.374	ng	99
82) 3,3'-Dichlorobenzidine	21.68	252	162703	17.236	ng	96
83) Chrysene	21.84	228	1135341	45.076	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	620723	42.007	ng	95
85) Di-n-octyl phthalate	22.89	149	1051018	42.234	ng	96
86) Indeno(1,2,3-cd)pyrene	28.98	276	1367205	44.896	ng	# 91
88) Benzo(b)fluoranthene	24.07	252	1165225	42.821	ng	97
89) Benzo(k)fluoranthene	24.14	252	1149093m	45.217	ng	
90) Benzo(a)pyrene	24.98	252	1139242	44.229	ng	99
91) Dibenzo(a,h)anthracene	29.06	278	1137126	43.624	ng	# 97
92) Benzo(g,h,i)perylene	30.21	276	1139178	43.912	ng	96

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

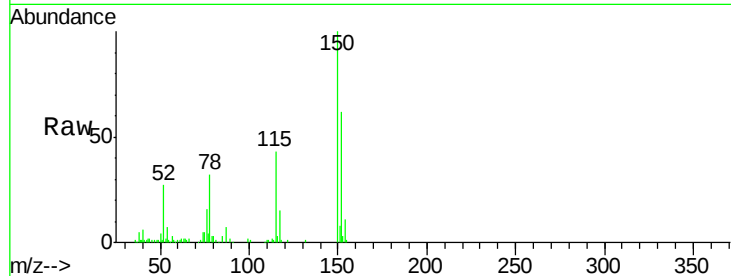


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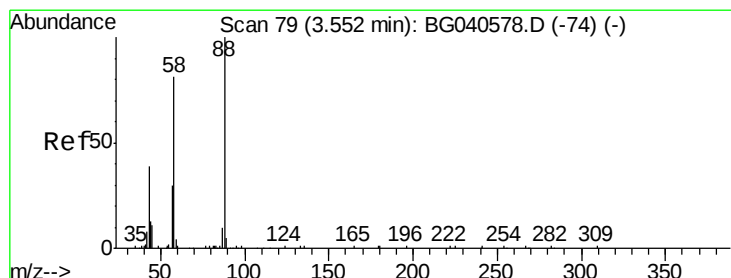
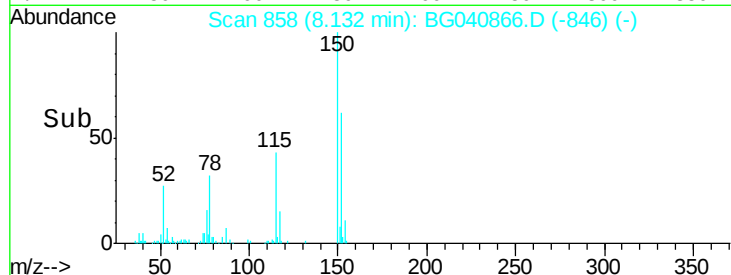
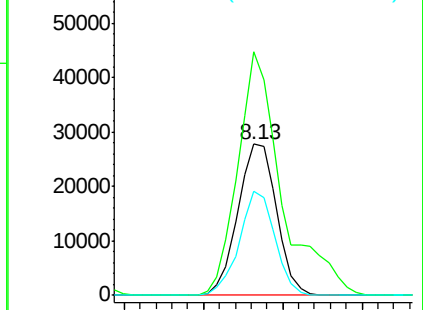
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Instrument :
BNA_G
ClientSampleId :
72-11995MSD

Tgt Ion:152 Resp: 46873
Ion Ratio Lower Upper
152 100
150 161.0 120.2 180.2
115 69.1 46.2 69.2



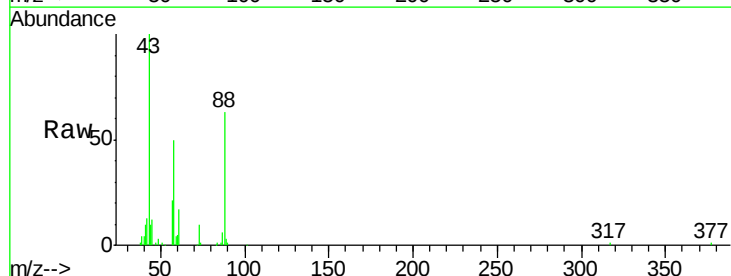
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



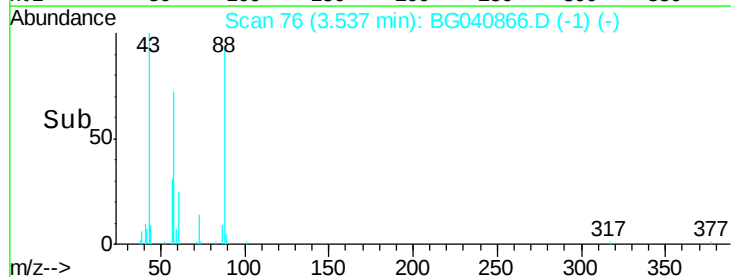
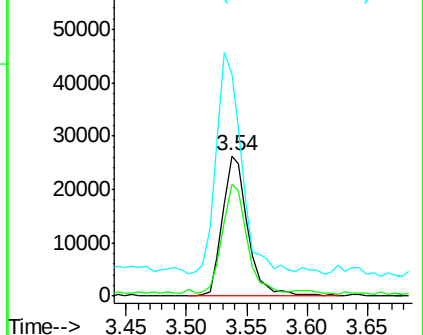
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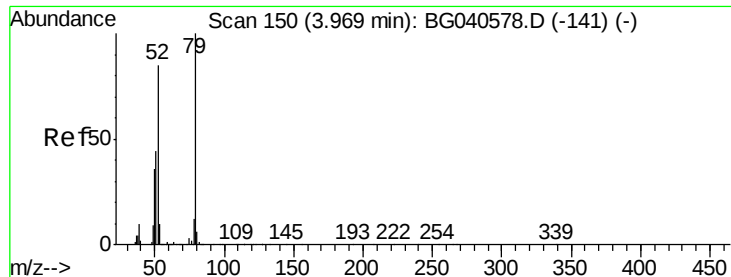
1,4-Dioxane
Concen: 31.422 ng
RT: 3.54 min Scan# 76
Delta R.T. -0.01 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion: 88 Resp: 37999
Ion Ratio Lower Upper
88 100
58 75.8 71.2 106.8
43 159.0 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

Pyridine

Concen: 23.280 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

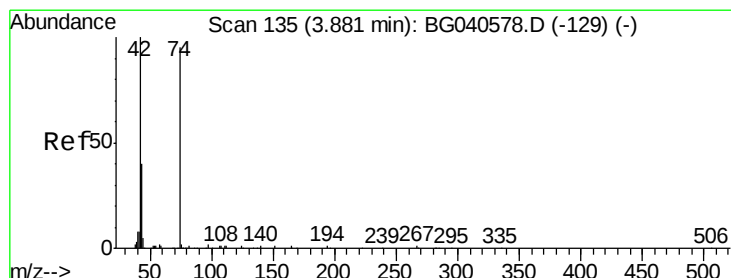
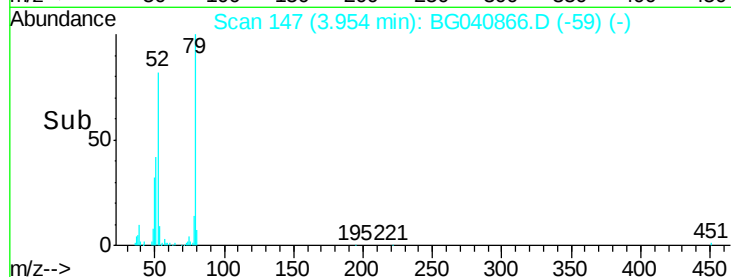
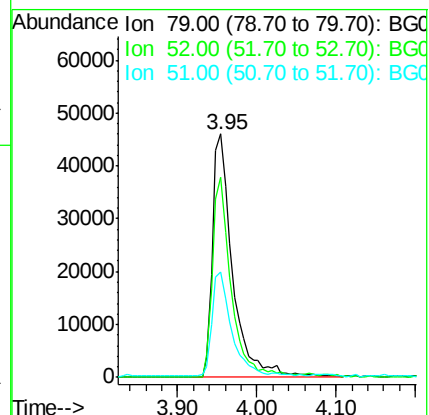
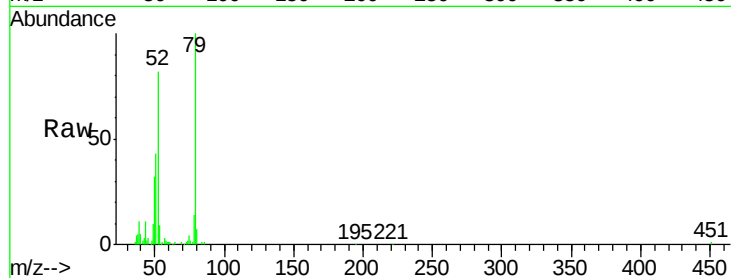
Tgt Ion: 79 Resp: 81600

Ion Ratio Lower Upper

79 100

52 82.0 67.5 101.3

51 43.2 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 32.784 ng

RT: 3.87 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

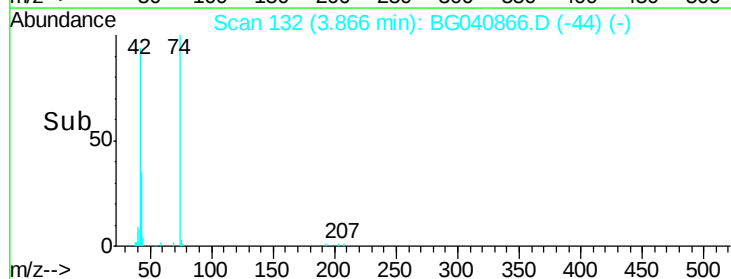
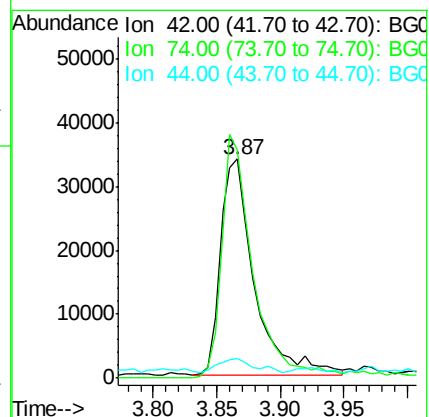
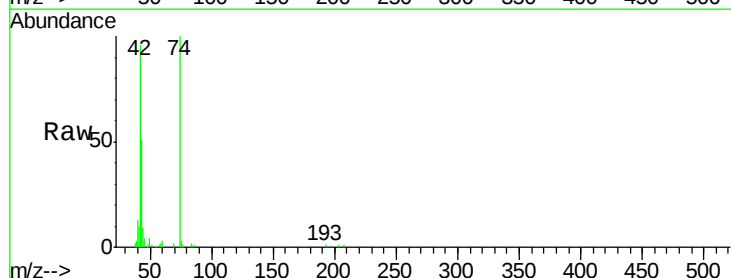
Tgt Ion: 42 Resp: 63738

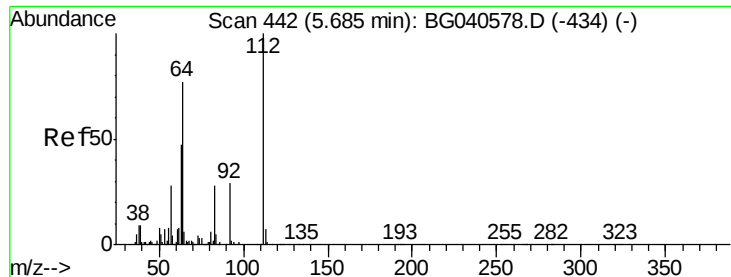
Ion Ratio Lower Upper

42 100

74 104.1 74.6 111.8

44 8.9 7.4 11.0





#5

2-Fluorophenol

Concen: 126.545 ng

RT: 5.66 min Scan# 438

Delta R.T. -0.02 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

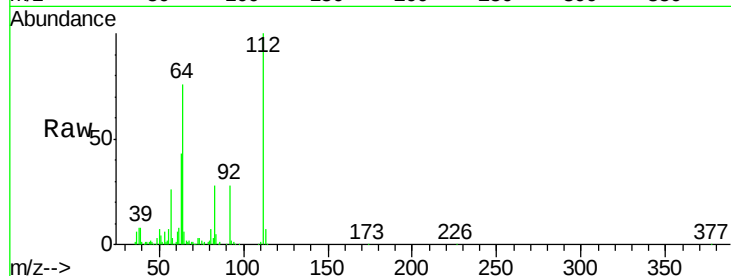
Tgt Ion:112 Resp: 336490

Ion Ratio Lower Upper

112 100

64 76.1 61.4 92.0

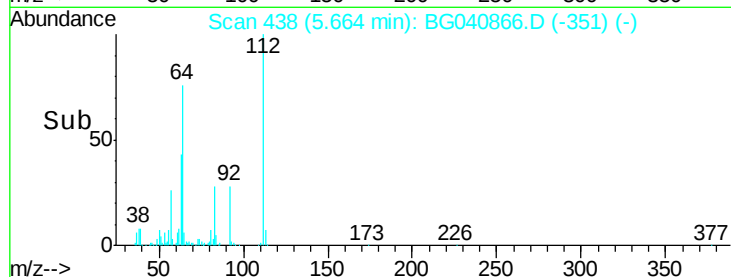
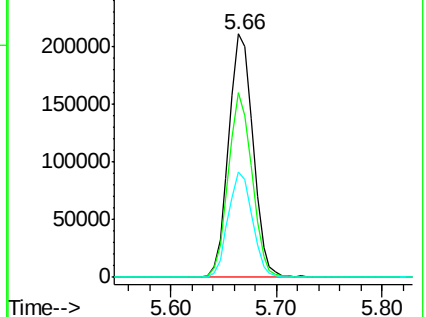
63 43.2 37.8 56.6



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



#6

Aniline

Concen: 14.068 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

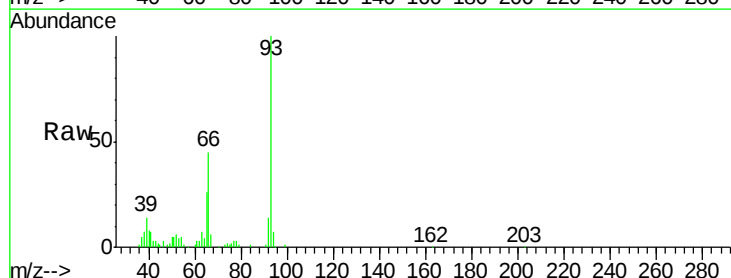
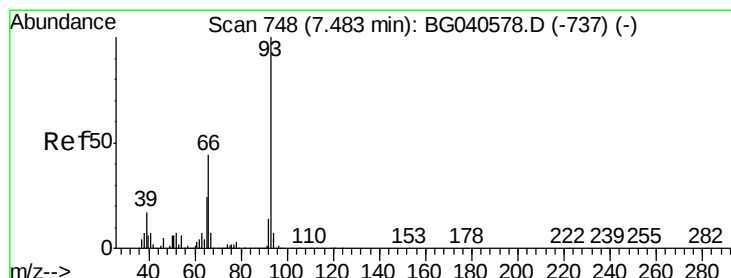
Tgt Ion: 93 Resp: 76341

Ion Ratio Lower Upper

93 100

66 45.2 35.5 53.3

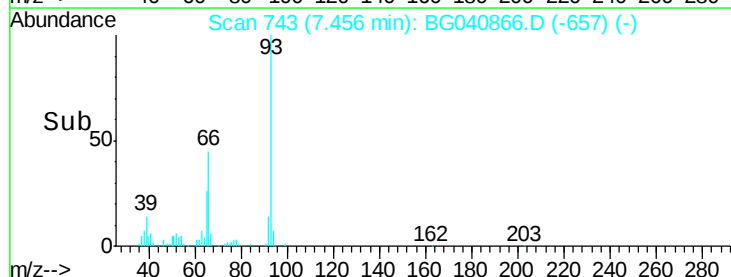
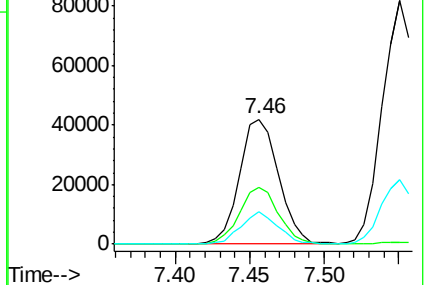
65 25.9 19.2 28.8

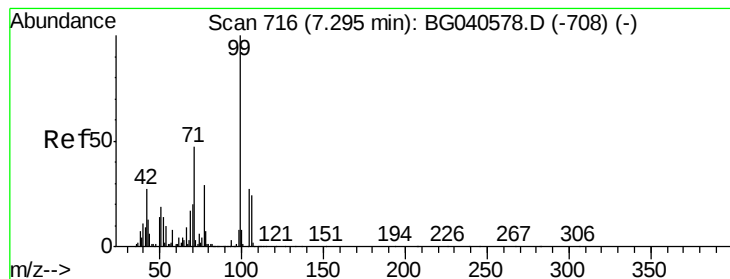


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.213 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

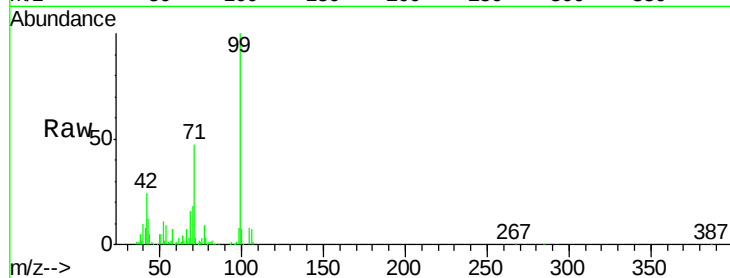
Tgt Ion: 99 Resp: 479894

Ion Ratio Lower Upper

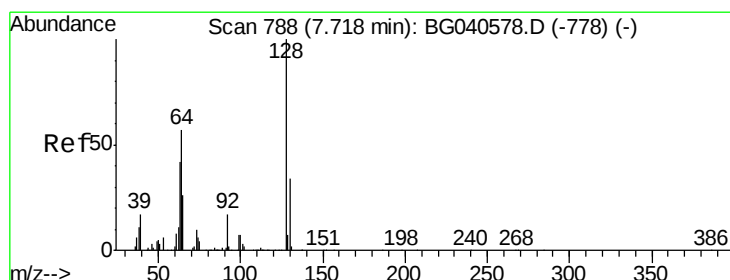
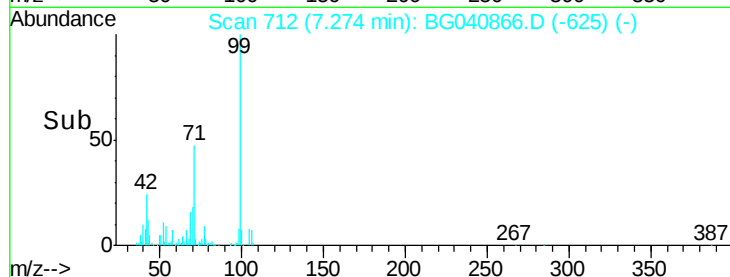
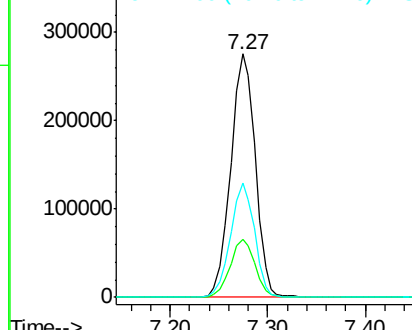
99 100

42 23.8 21.8 32.8

71 47.1 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: 42.438 ng

RT: 7.69 min Scan# 783

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

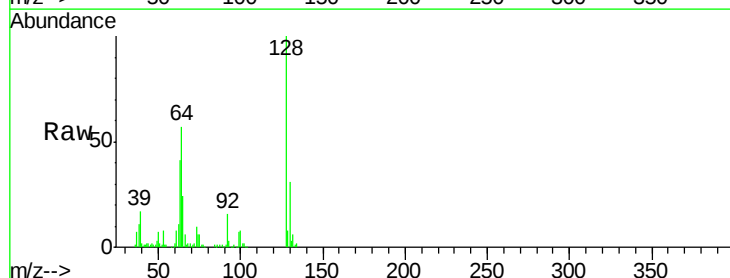
Tgt Ion: 128 Resp: 137789

Ion Ratio Lower Upper

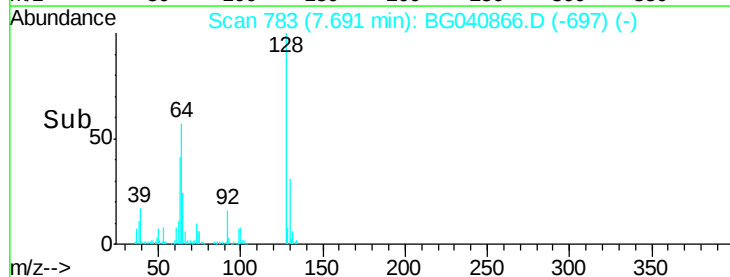
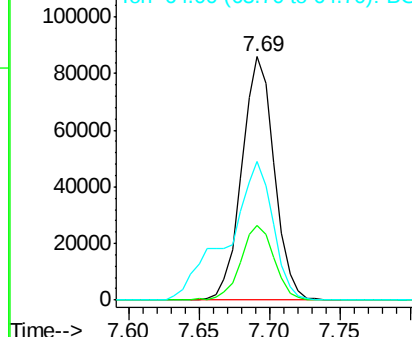
128 100

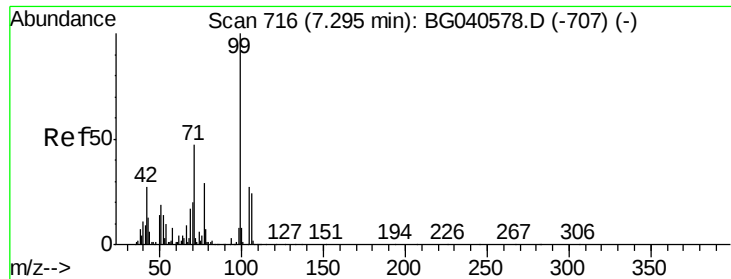
130 30.7 14.5 54.5

64 56.8 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: 13.174 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

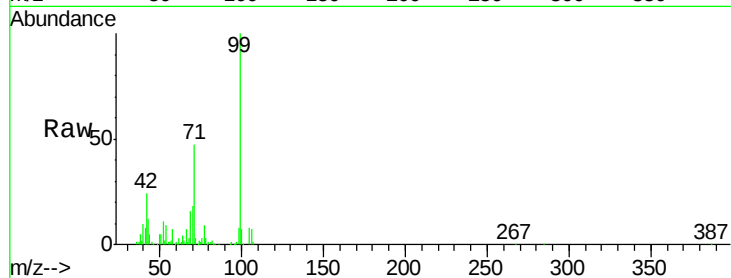
Tgt Ion: 77 Resp: 43037

Ion Ratio Lower Upper

77 100

105 92.9 72.0 112.0

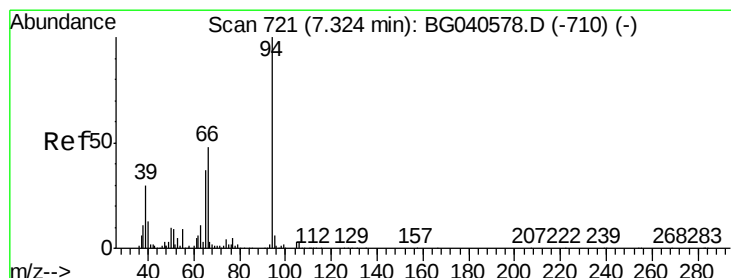
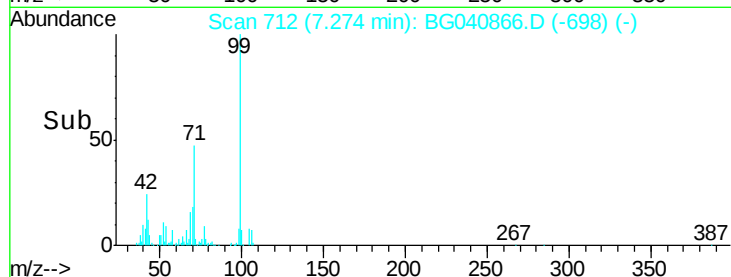
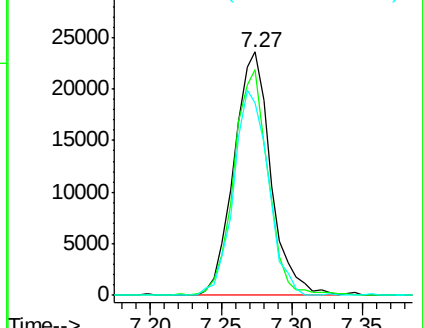
106 79.0 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.436 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

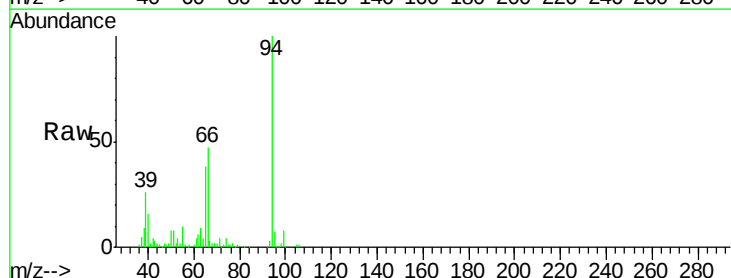
Tgt Ion: 94 Resp: 164757

Ion Ratio Lower Upper

94 100

65 38.5 17.0 57.0

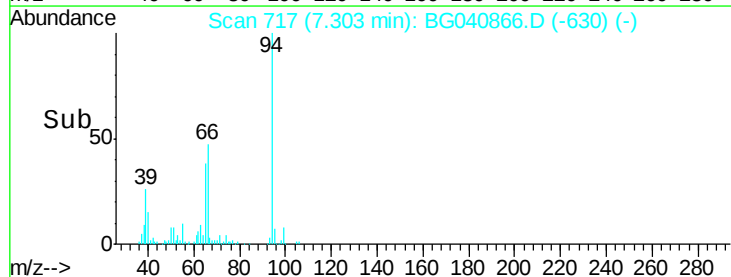
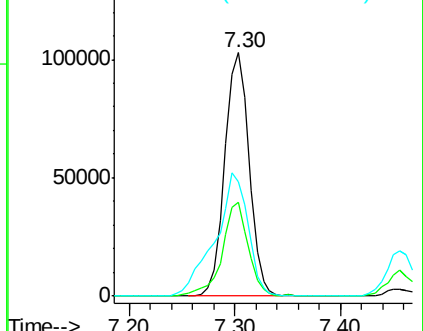
66 46.8 28.6 68.6



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

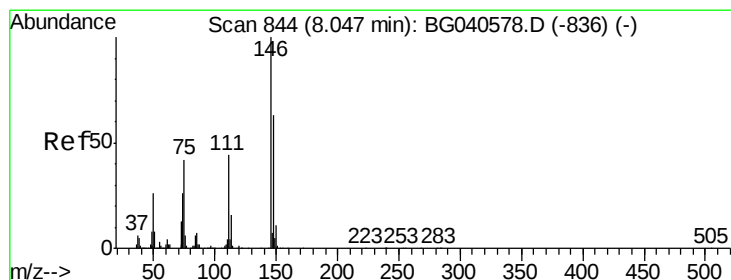
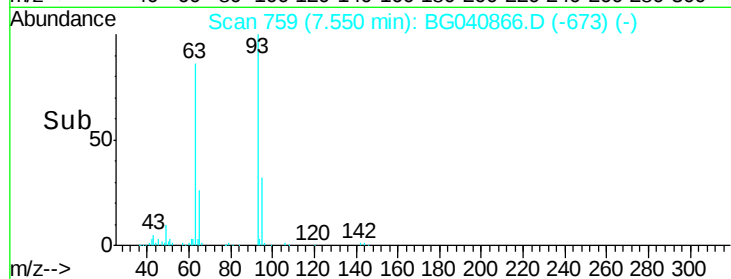
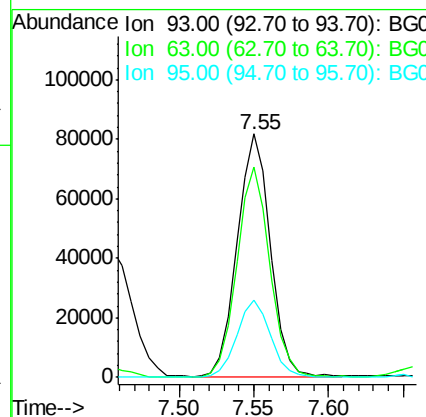
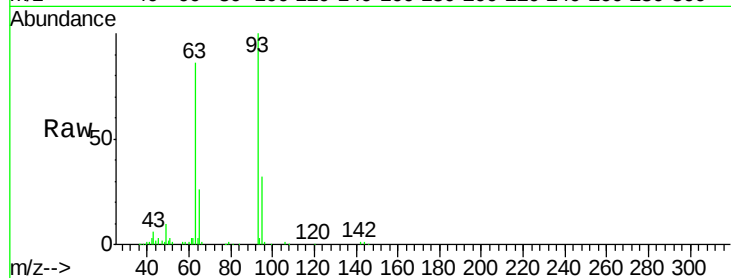




#11
 bis(2-Chloroethyl)ether
 Concen: 38.462 ng
 RT: 7.55 min Scan# 759
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

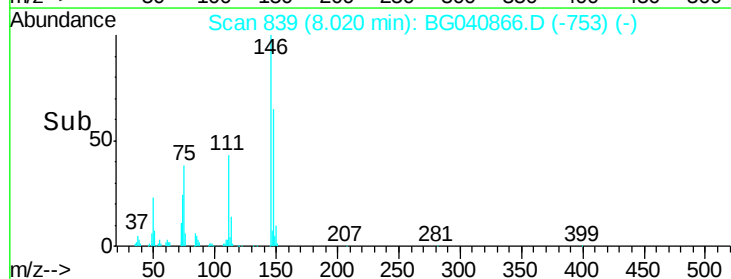
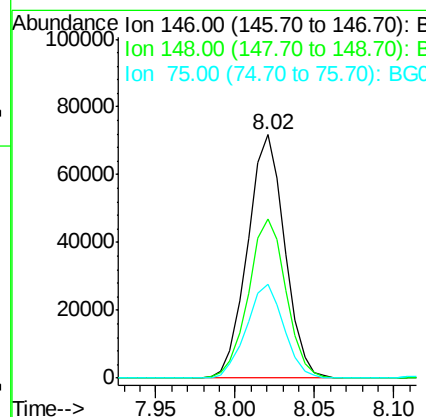
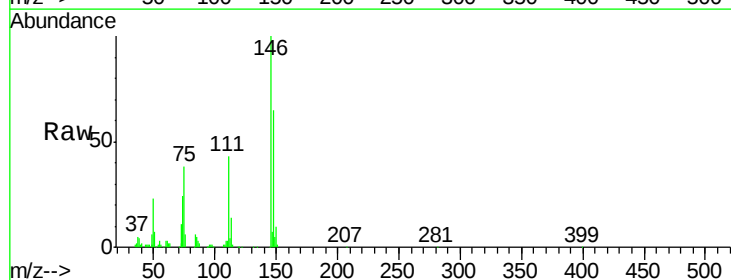
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

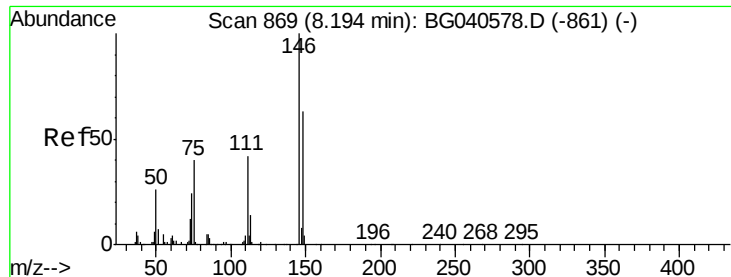
Tgt Ion: 93 Resp: 126934
 Ion Ratio Lower Upper
 93 100
 63 86.3 68.2 108.2
 95 31.7 14.3 54.3



#12
 1,3-Dichlorobenzene
 Concen: 32.947 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

Tgt Ion: 146 Resp: 116761
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.7 76.1
 75 38.3 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 33.268 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

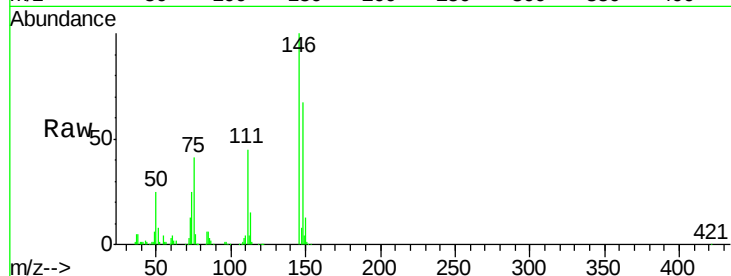
Tgt Ion:146 Resp: 119517

Ion Ratio Lower Upper

146 100

148 66.8 50.6 75.8

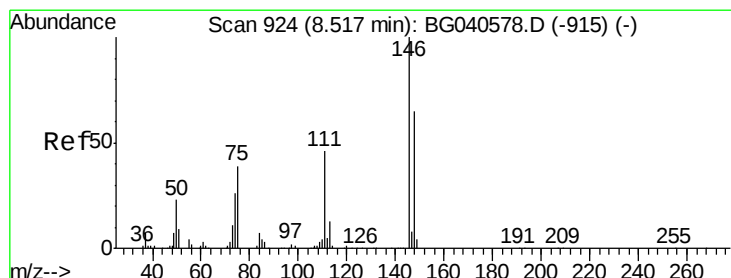
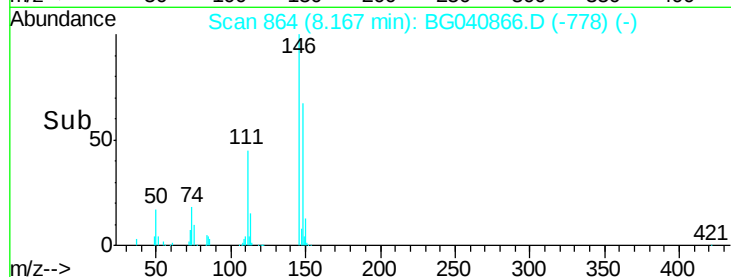
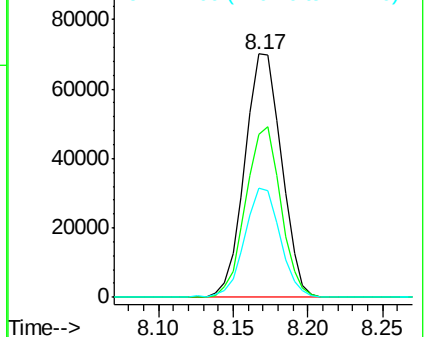
111 44.9 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.068 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

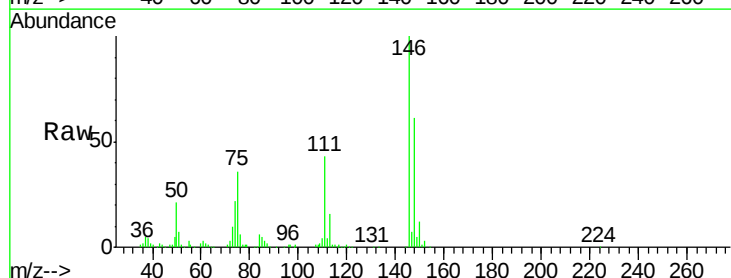
Tgt Ion:146 Resp: 121498

Ion Ratio Lower Upper

146 100

148 61.4 52.2 78.4

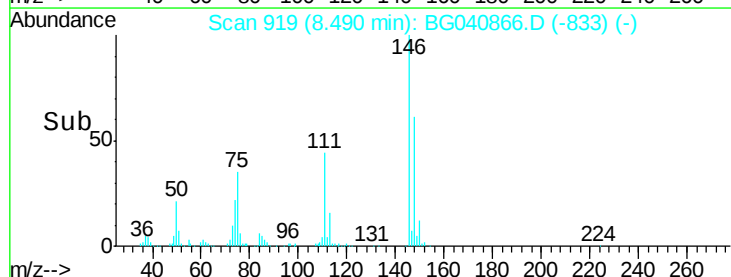
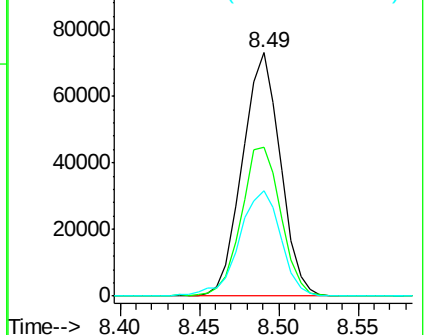
111 43.4 37.4 56.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.276 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

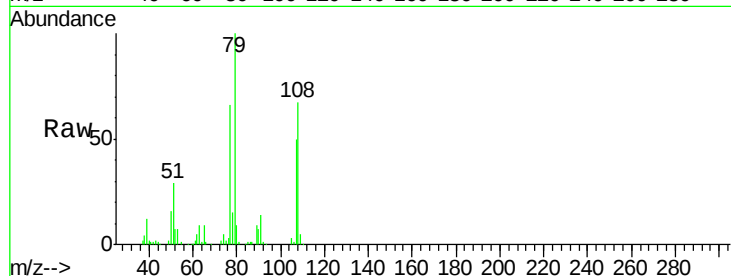
Tgt Ion: 79 Resp: 163057

Ion Ratio Lower Upper

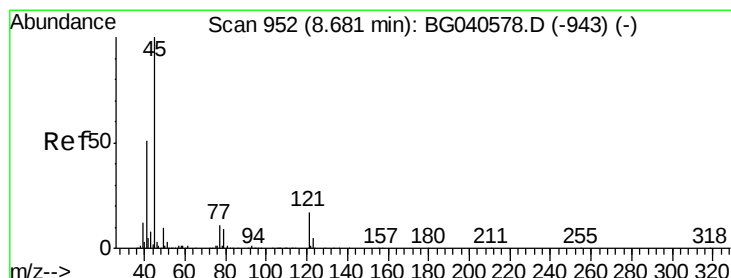
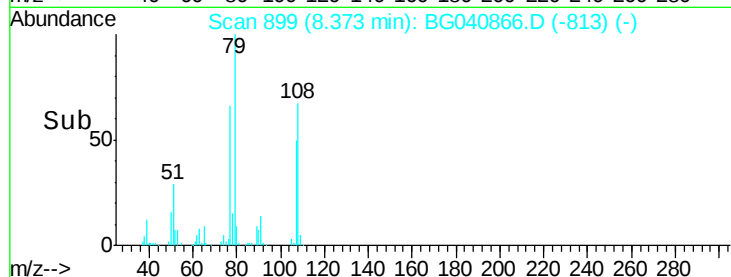
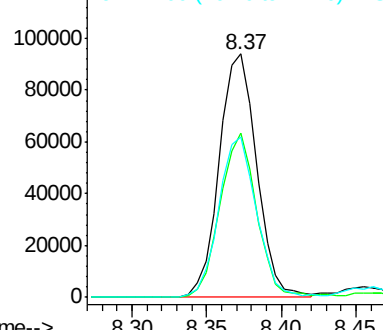
79 100

108 67.3 51.4 77.0

77 65.8 52.6 79.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.812 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

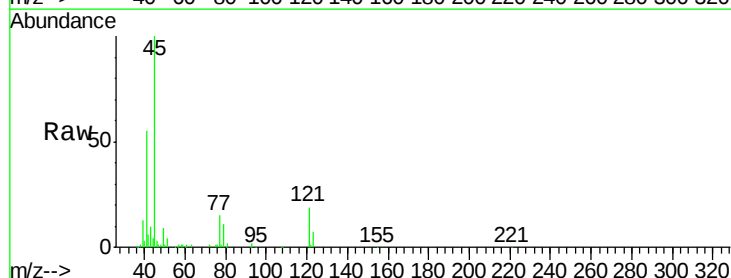
Tgt Ion: 45 Resp: 209024

Ion Ratio Lower Upper

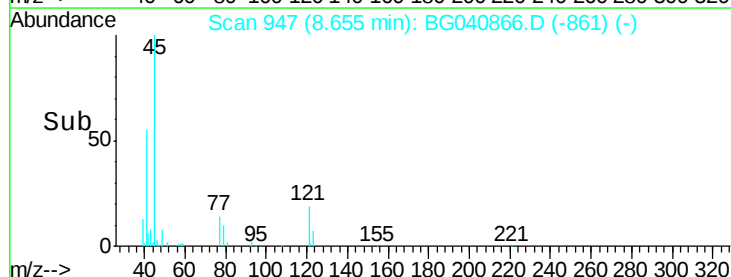
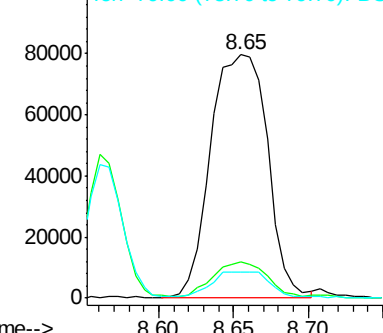
45 100

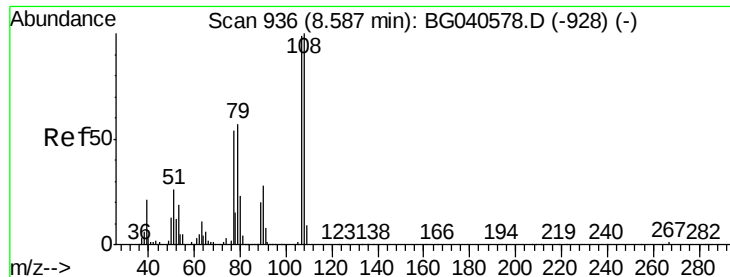
77 15.0 0.0 31.5

79 10.9 0.0 29.4



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

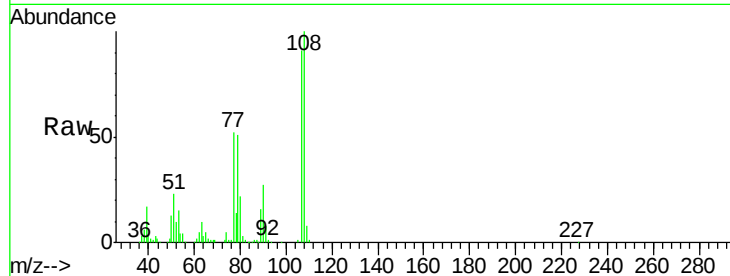




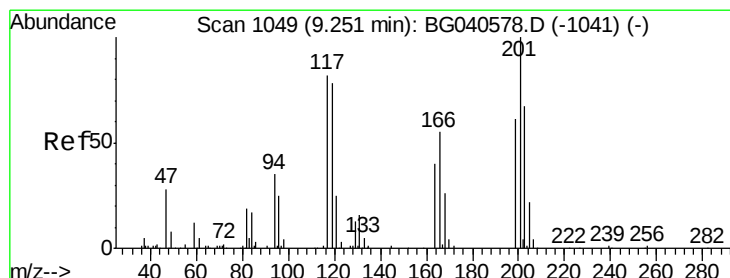
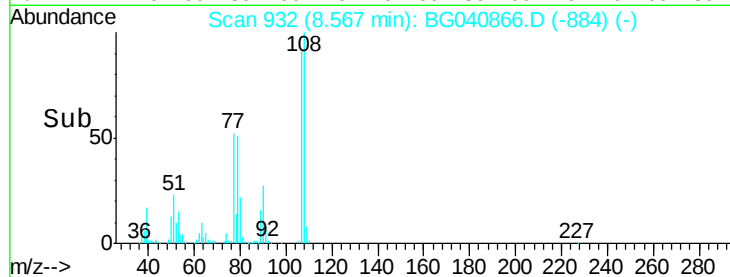
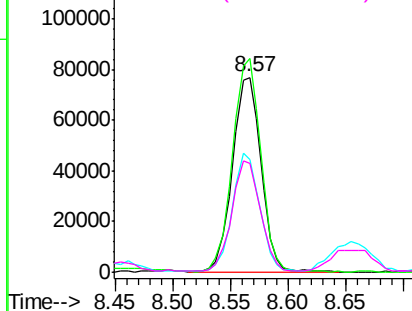
#17
2-Methylphenol
Concen: 42.639 ng
RT: 8.57 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Instrument :
BNA_G
ClientSampleId :
72-11995MSD

Tgt Ion:	107	Resp:	132802
Ion	Ratio	Lower	Upper
107	100		
108	109.5	81.2	121.8
77	57.5	44.4	66.6
79	55.8	47.0	70.4

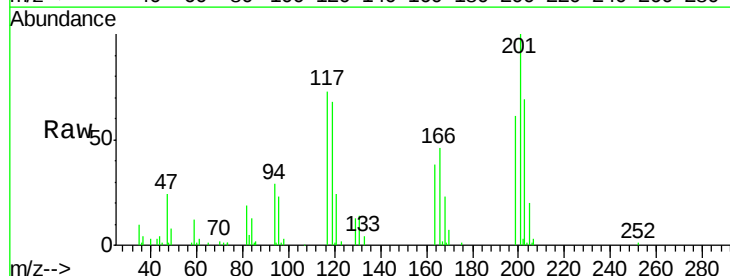


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

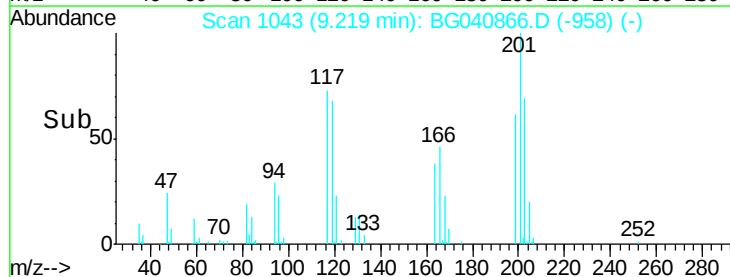
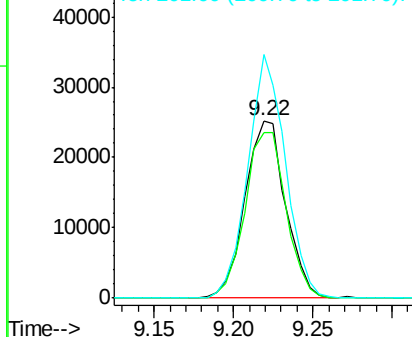


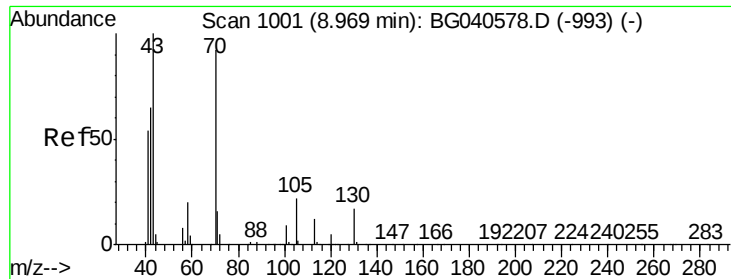
#18
Hexachloroethane
Concen: 30.350 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion:	117	Resp:	44726
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.6	114.8
201	137.1	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

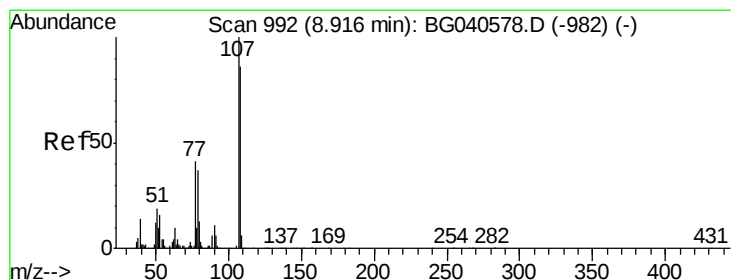
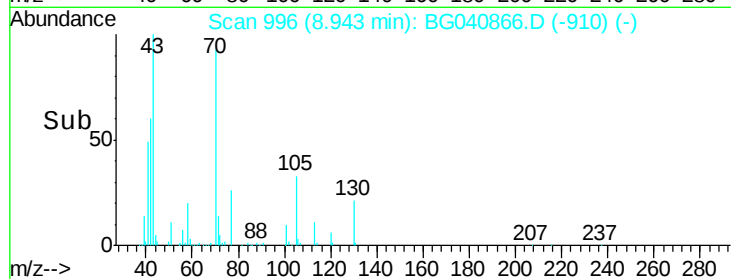
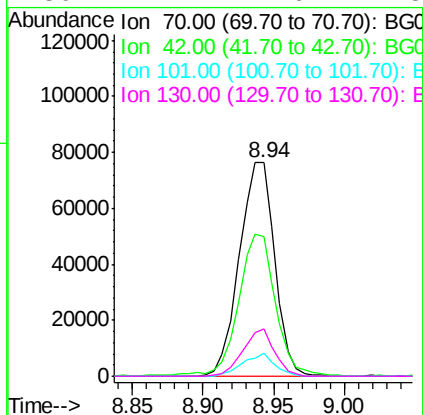
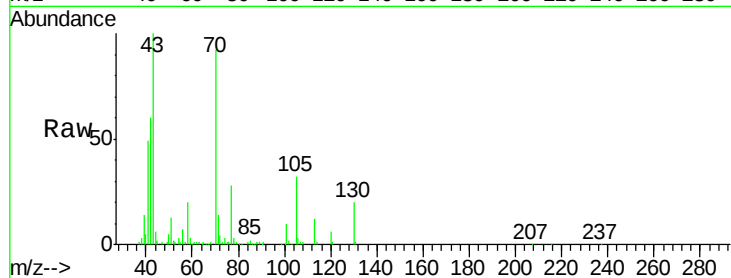




#19
n-Nitroso-di-n-propylamine
Concen: 36.280 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

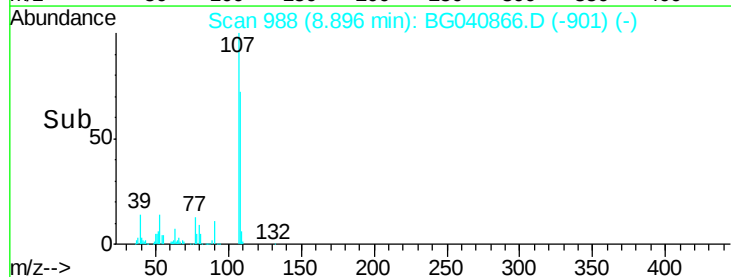
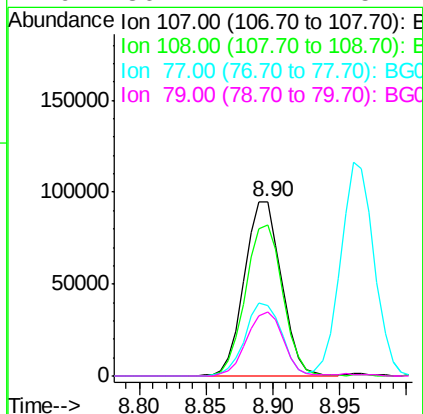
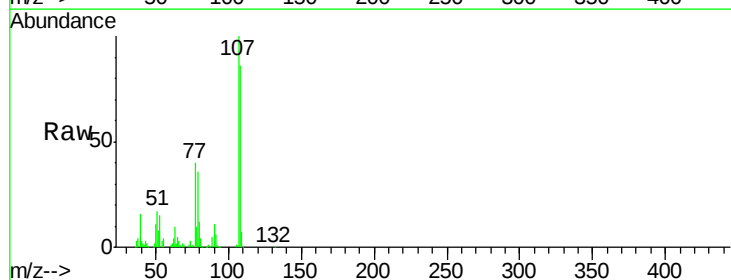
Instrument :
BNA_G
ClientSampleId :
72-11995MSD

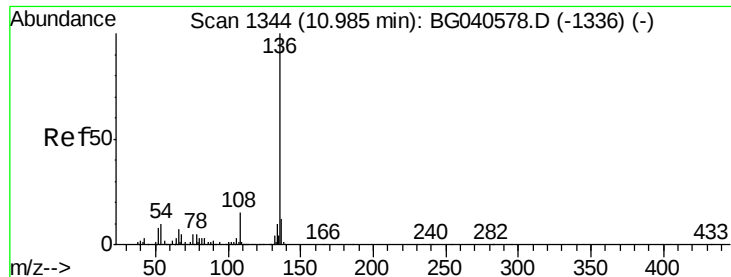
Tgt Ion:	70	Resp:	133710
Ion	Ratio	Lower	Upper
70	100		
42	65.6	57.1	85.7
101	10.9	7.8	11.8
130	22.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 42.065 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion:	107	Resp:	182512
Ion	Ratio	Lower	Upper
107	100		
108	86.3	66.1	106.1
77	40.3	21.6	61.6
79	36.4	17.4	57.4

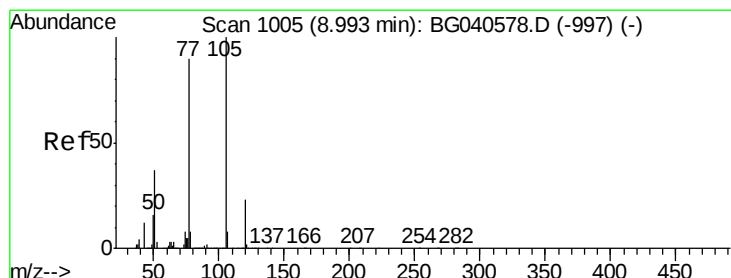
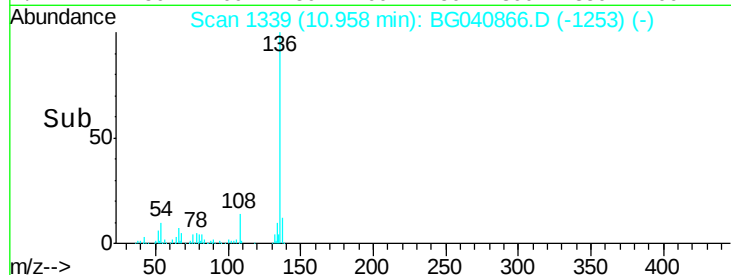
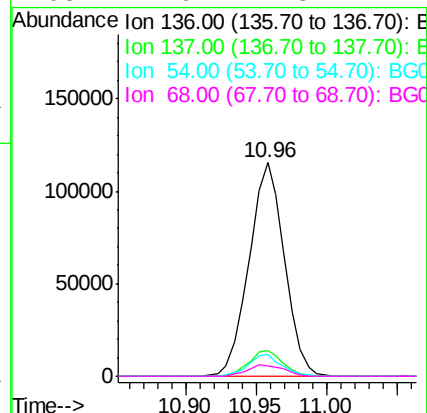
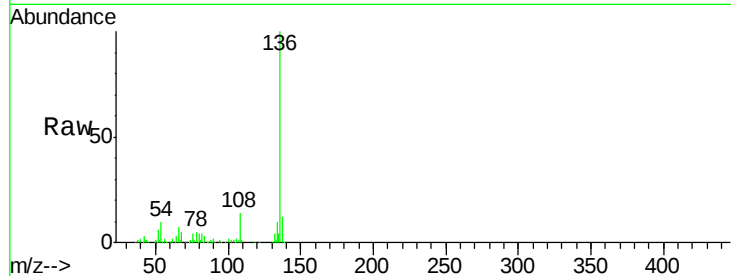




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

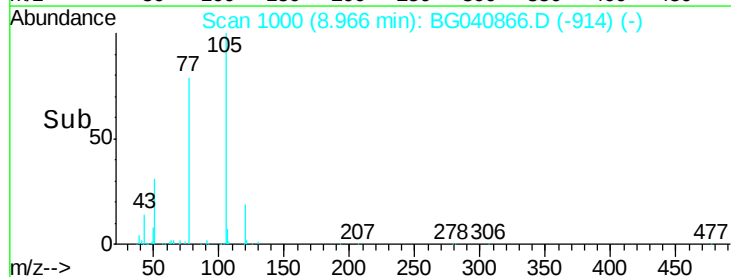
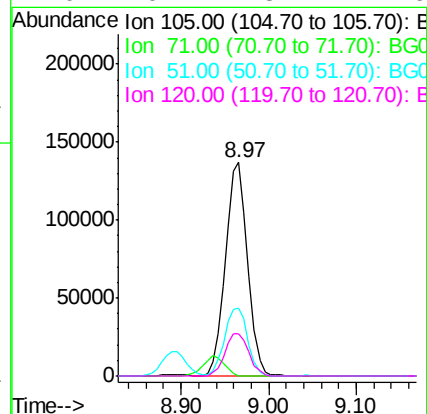
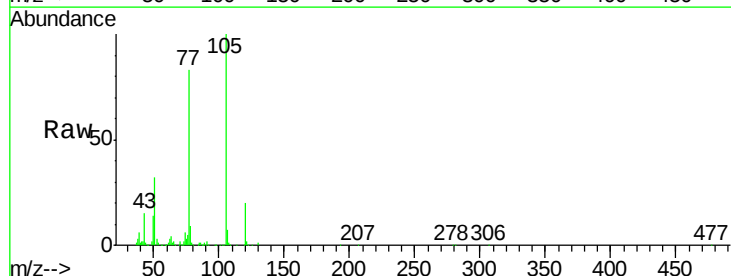
Instrument :
BNA_G
ClientSampleId :
72-11995MSD

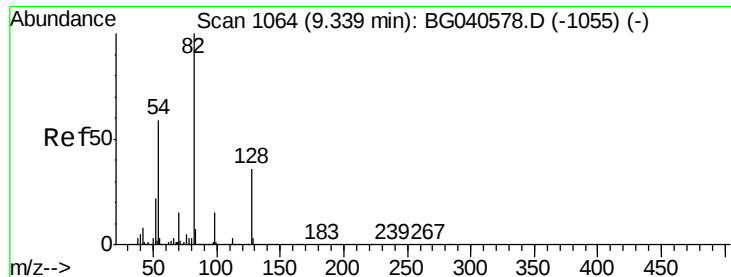
Tgt Ion:	136	Resp:	202638
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	10.7	8.6	12.8
68	4.9	4.8	7.2



#22
Acetophenone
Concen: 42.351 ng
RT: 8.97 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion:	105	Resp:	238639
Ion	Ratio	Lower	Upper
105	100		
71	0.2	1.8	2.8#
51	31.6	29.8	44.8
120	19.7	18.4	27.6

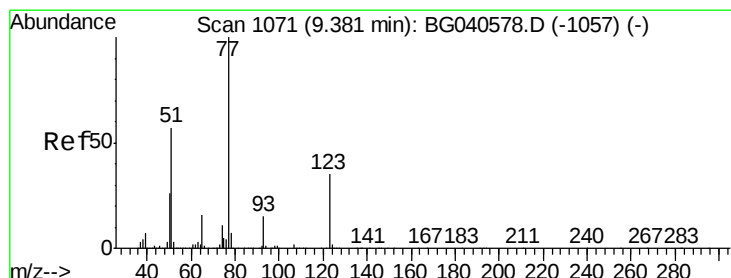
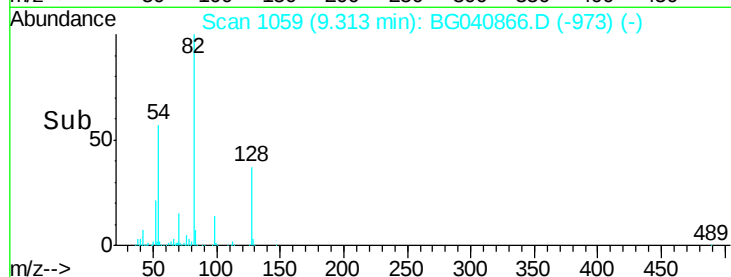
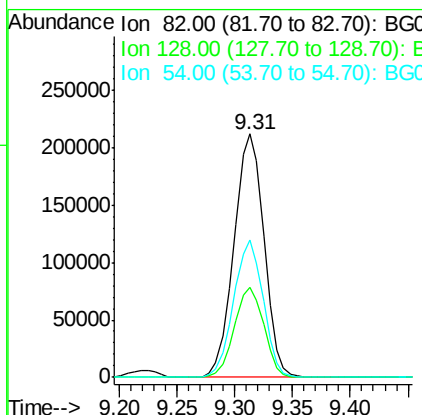
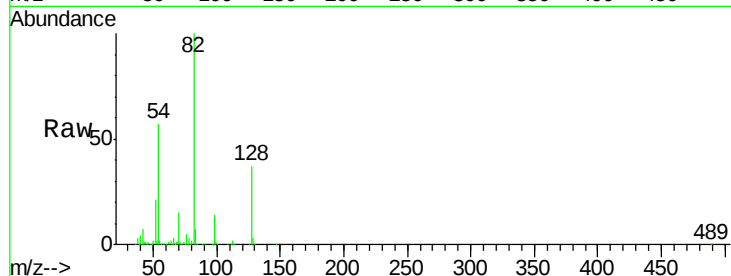




#23
 Nitrobenzene-d5
 Concen: 87.121 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

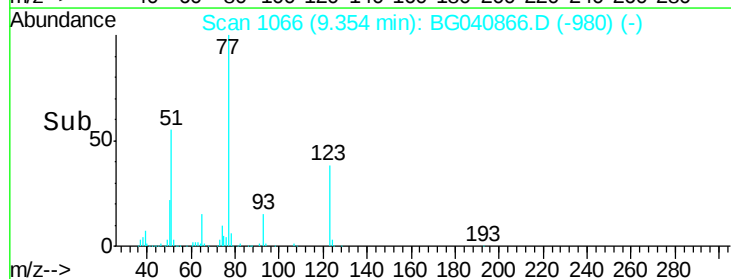
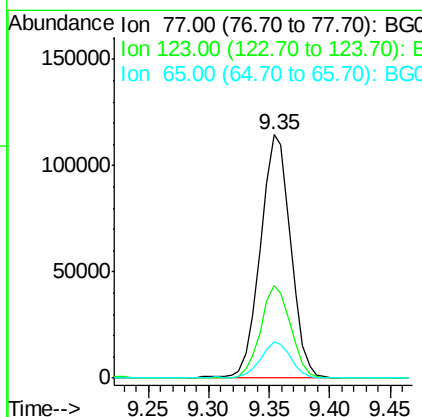
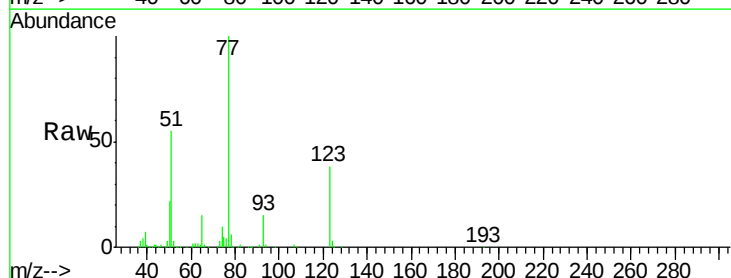
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

Tgt Ion: 82 Resp: 382068
 Ion Ratio Lower Upper
 82 100
 128 36.8 28.9 43.3
 54 56.6 47.2 70.8



#24
 Nitrobenzene
 Concen: 42.426 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

Tgt Ion: 77 Resp: 198518
 Ion Ratio Lower Upper
 77 100
 123 38.2 27.8 41.6
 65 15.1 12.4 18.6





#25

Isophorone

Concen: 39.965 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

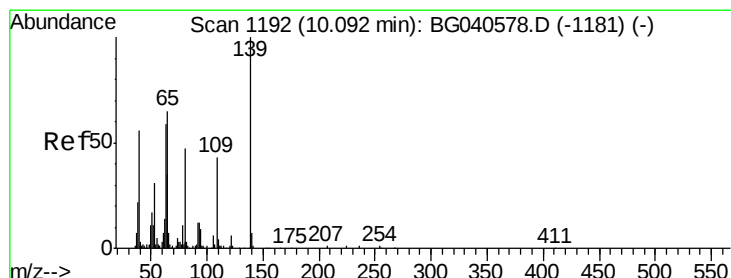
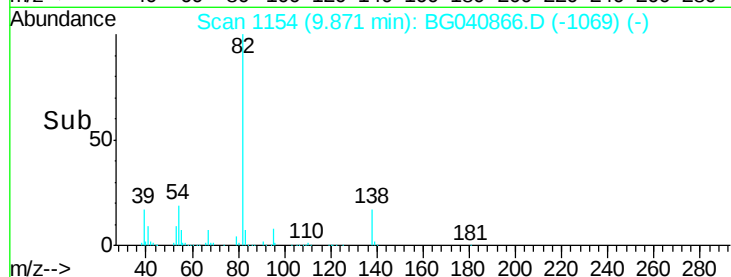
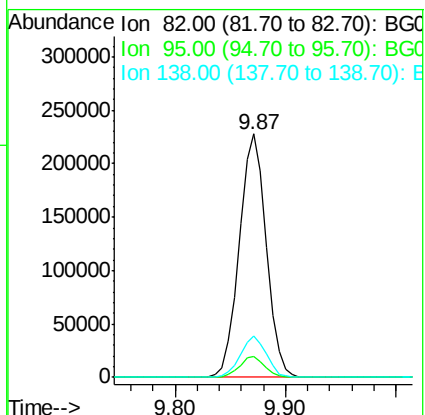
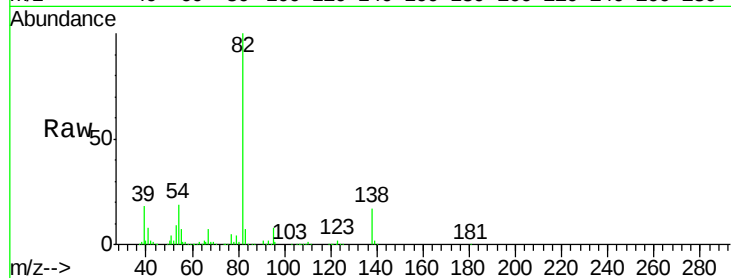
Tgt Ion: 82 Resp: 390408

Ion Ratio Lower Upper

82 100

95 8.4 6.9 10.3

138 17.2 12.3 18.5



#26

2-Nitrophenol

Concen: 49.327 ng

RT: 10.06 min Scan# 1187

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

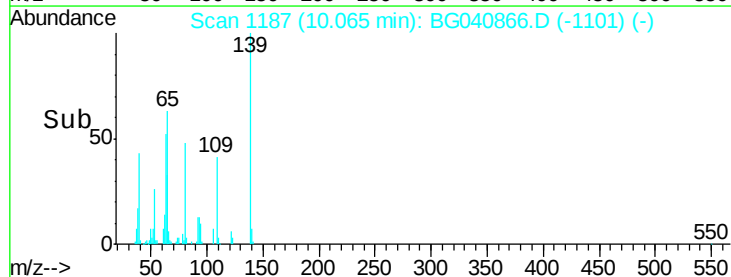
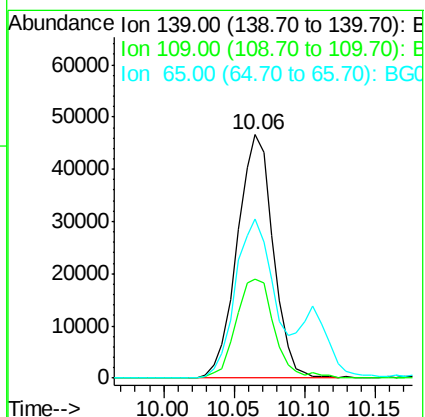
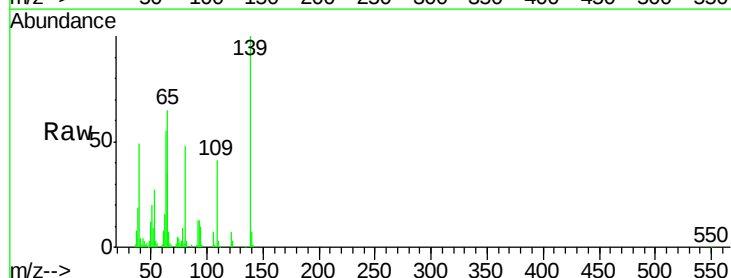
Tgt Ion: 139 Resp: 82734

Ion Ratio Lower Upper

139 100

109 40.7 35.6 53.4

65 65.4 52.3 78.5

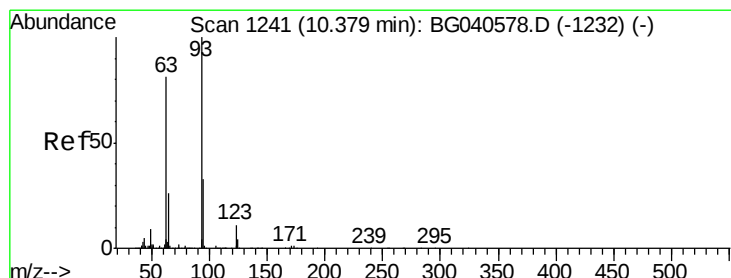
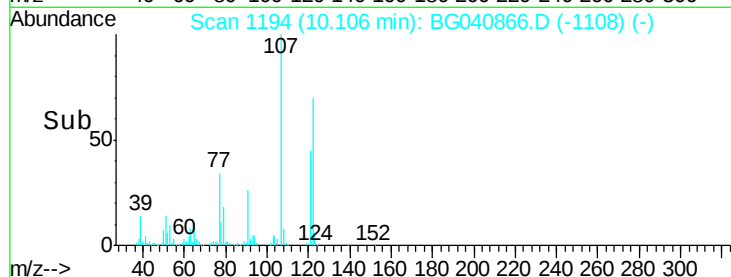
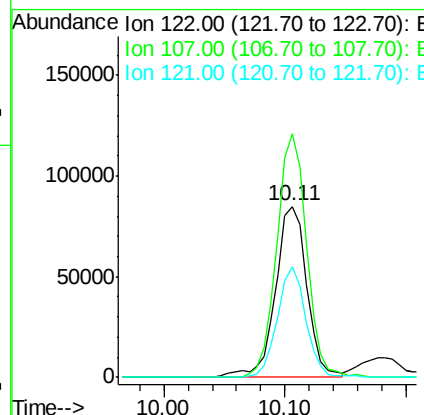
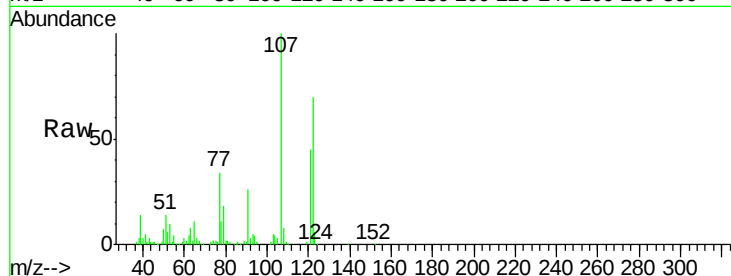




#27
 2,4-Dimethylphenol
 Concen: 48.373 ng
 RT: 10.11 min Scan# 1194
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

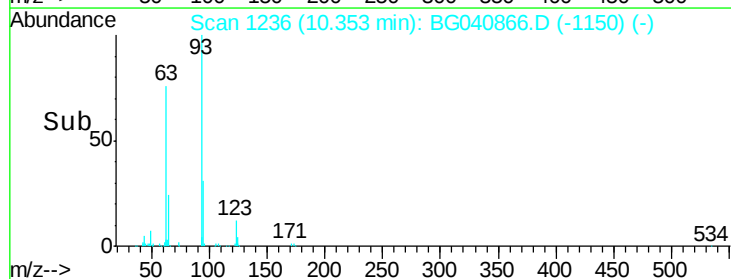
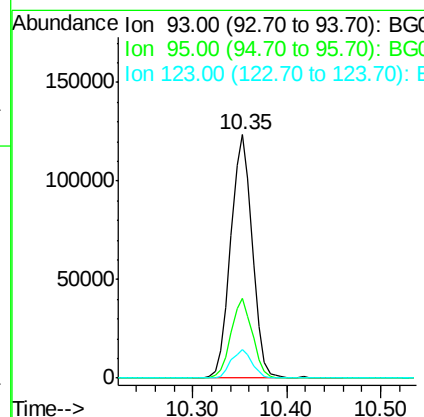
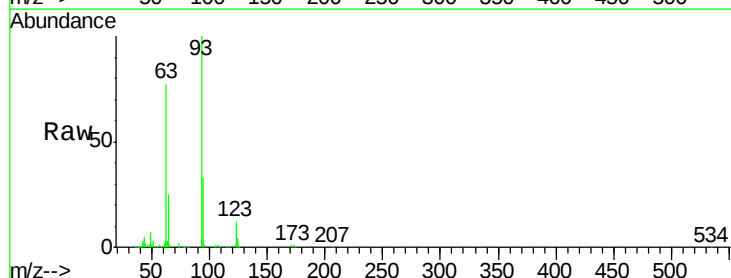
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	142.3	110.1	165.1
121	64.6	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.163 ng
 RT: 10.35 min Scan# 1236
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	40.0
123	11.9	9.0	13.4

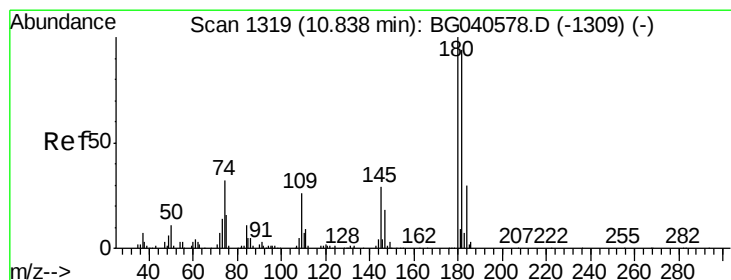
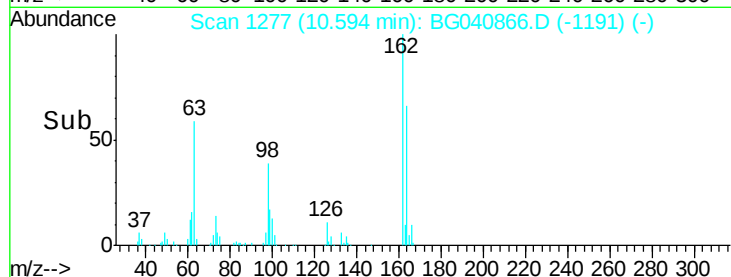
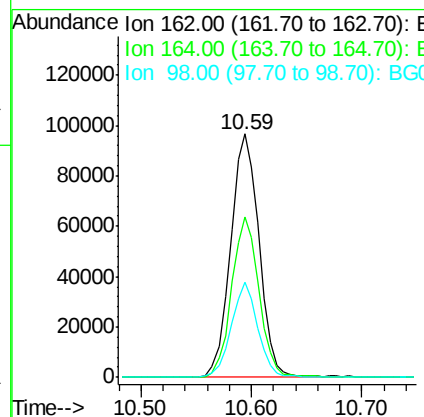
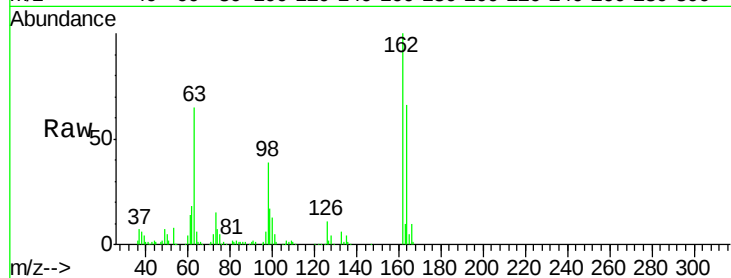




#29
 2,4-Dichlorophenol
 Concen: 48.681 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

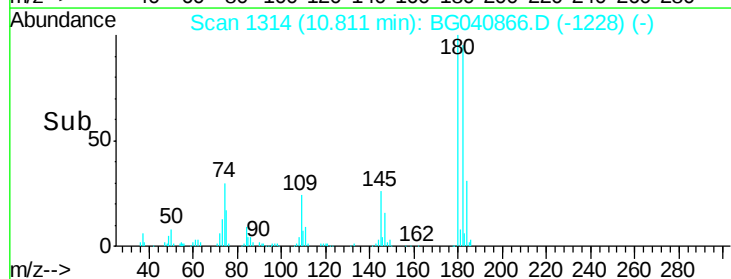
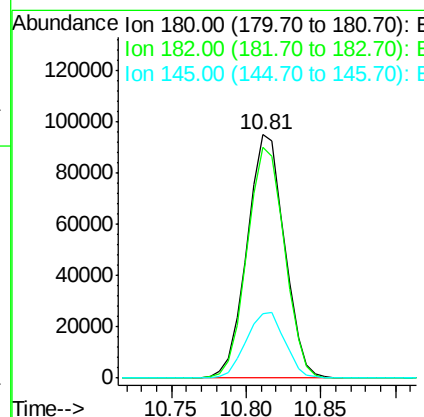
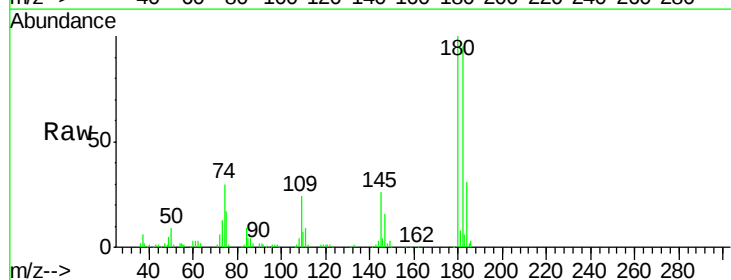
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	38.9	78.9
98	38.9	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.320 ng
 RT: 10.81 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.2	112.8
145	26.2	23.6	35.4

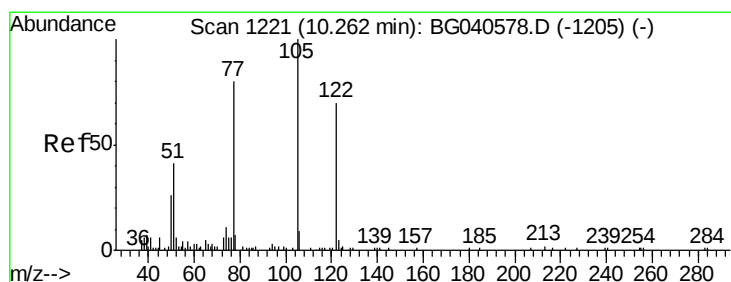
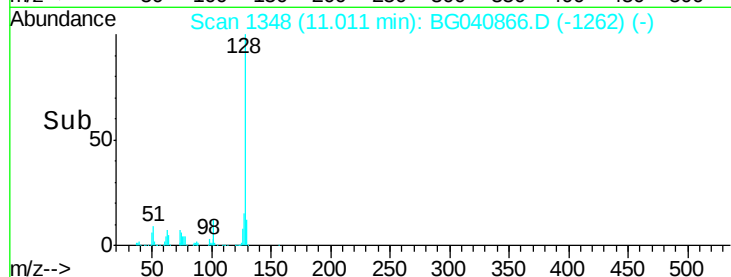
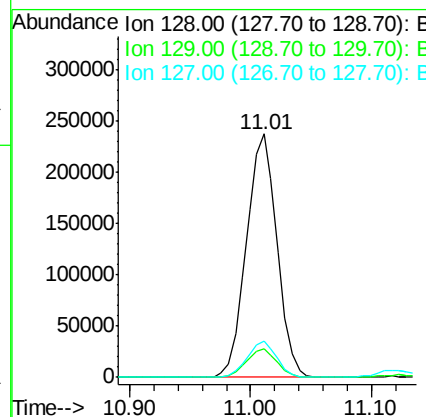
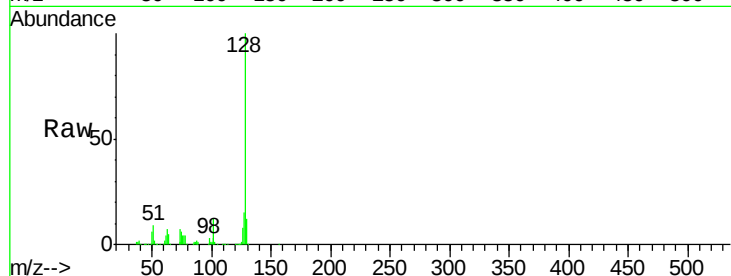




#31
Naphthalene
Concen: 38.908 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

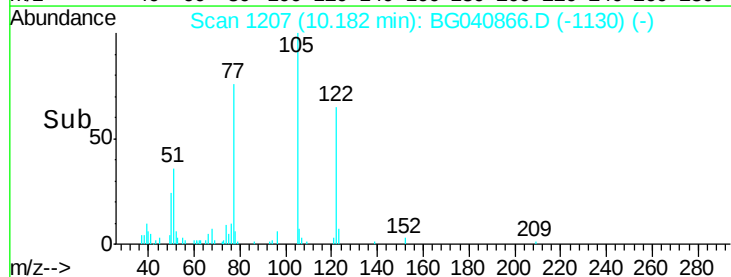
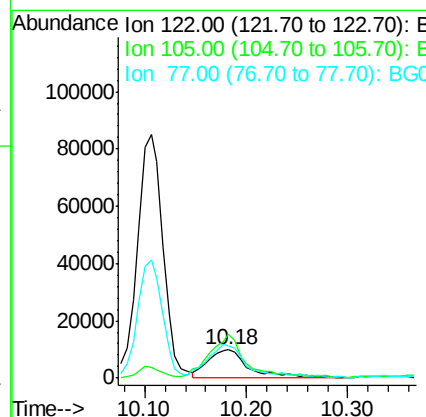
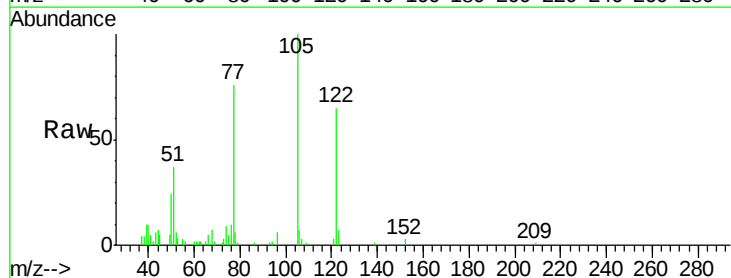
Instrument :
BNA_G
ClientSampleId :
72-11995MSD

Tgt Ion:128 Resp: 418867
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 15.0 11.3 16.9



#32
Benzoic acid
Concen: 12.630 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.08 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion:122 Resp: 27210
Ion Ratio Lower Upper
122 100
105 154.0 110.9 150.9#
77 116.7 87.6 127.6

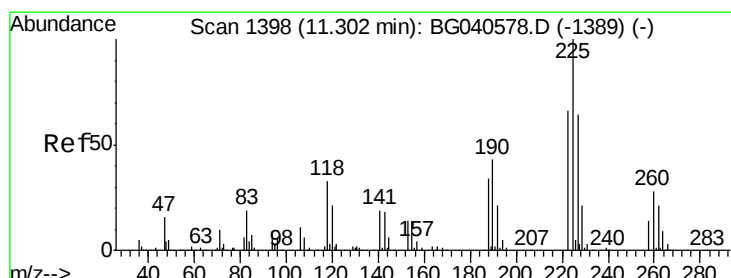
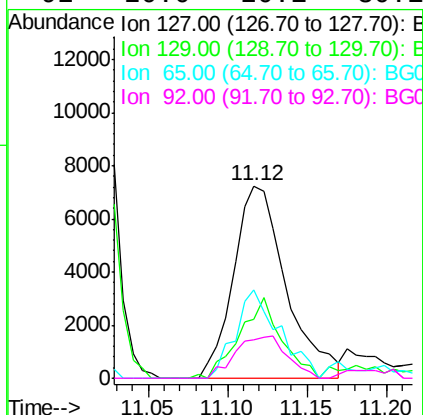
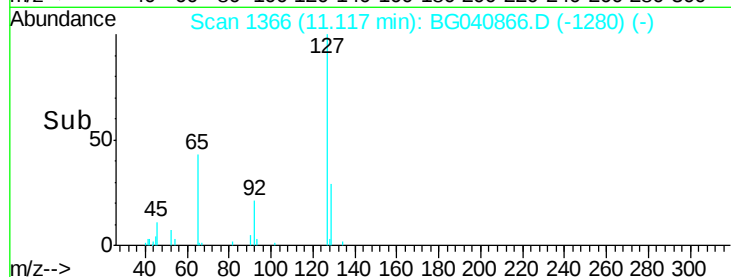
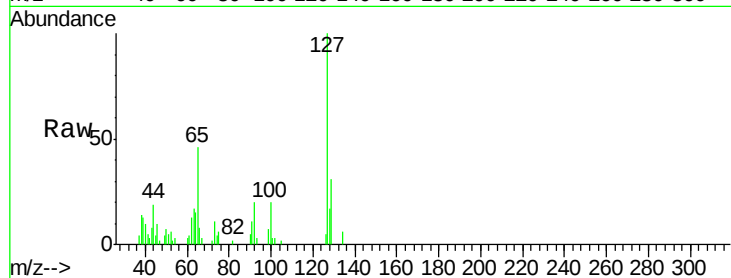




#33
4-Chloroaniline
Concen: 3.486 ng
RT: 11.12 min Scan# 1366
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

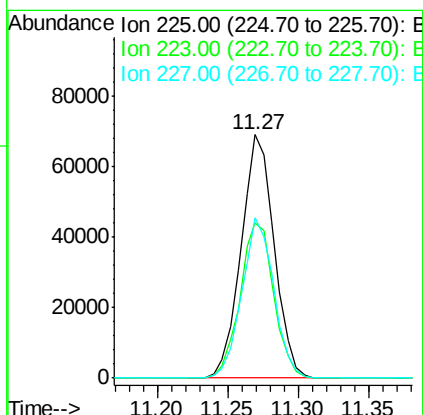
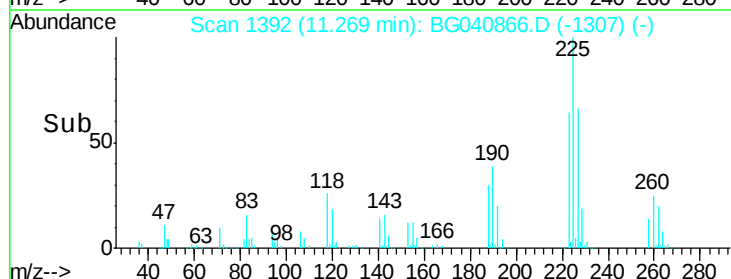
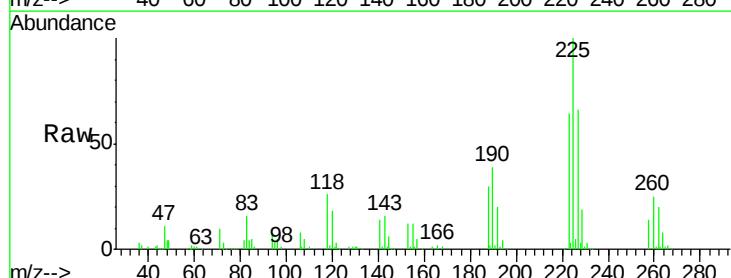
Instrument :
BNA_G
ClientSampleId :
72-11995MSD

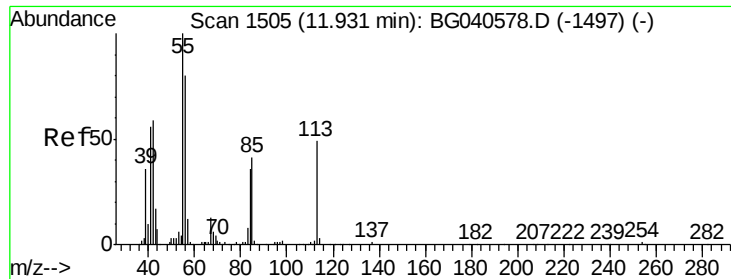
Tgt Ion:	127	Resp:	16641
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.7	38.5
65	46.0	36.1	54.1
92	20.0	20.1	30.1#



#34
Hexachlorobutadiene
Concen: 38.595 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion:	225	Resp:	113048
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.4	75.6
227	65.6	51.0	76.6





#35

Caprolactam

Concen: 31.709 ng m

RT: 11.90 min Scan# 1499

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

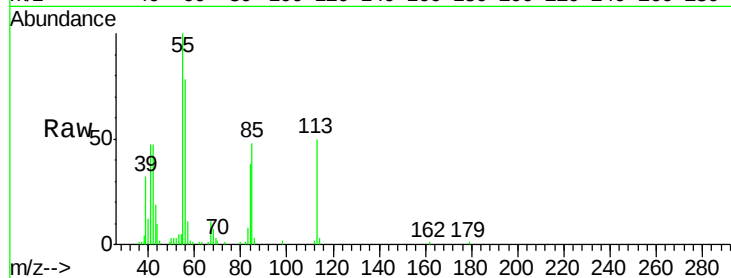
Tgt Ion:113 Resp: 44789

Ion Ratio Lower Upper

113 100

55 198.9 198.6 238.6

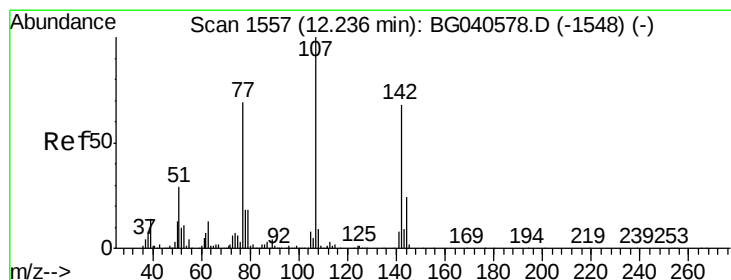
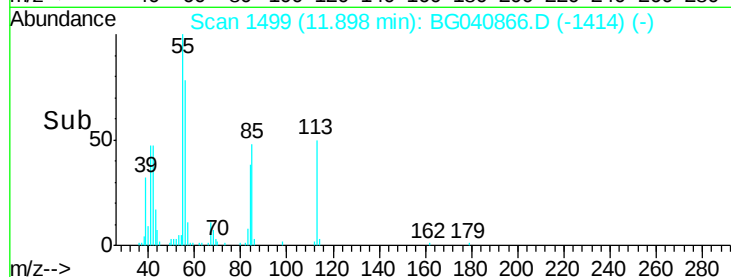
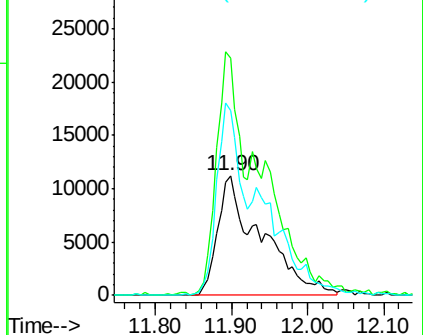
56 154.3 148.4 188.4



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: 46.476 ng

RT: 12.22 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

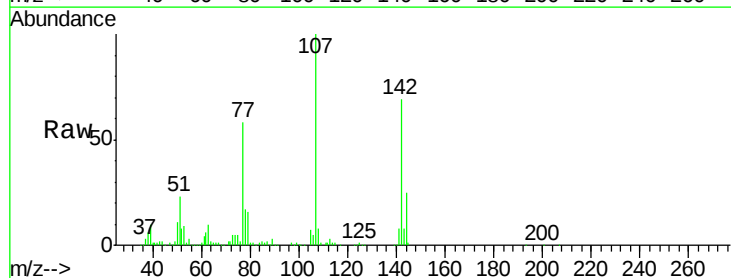
Tgt Ion:107 Resp: 209761

Ion Ratio Lower Upper

107 100

144 25.1 19.3 28.9

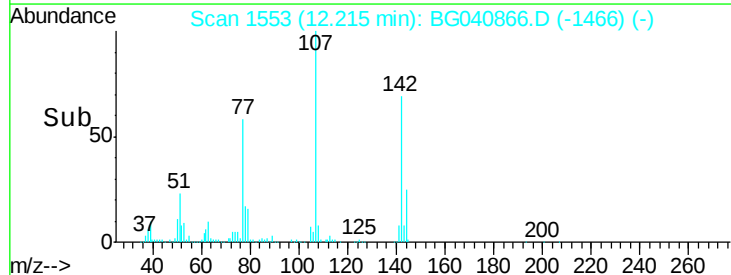
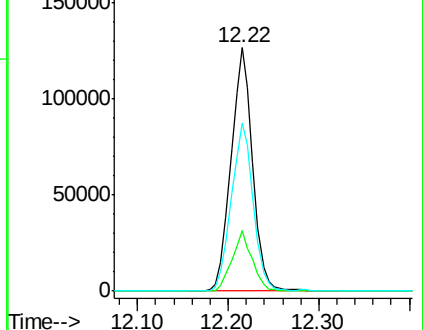
142 69.1 54.6 81.8



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

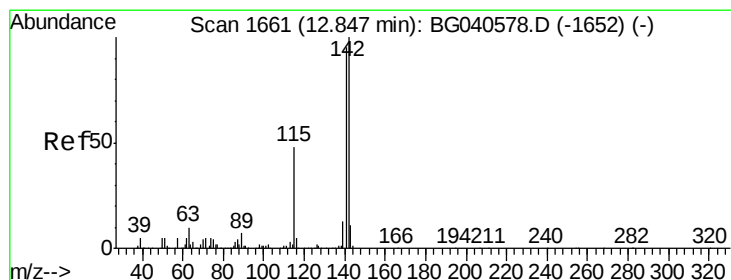
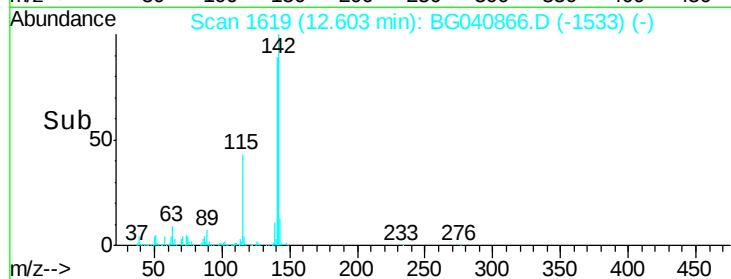
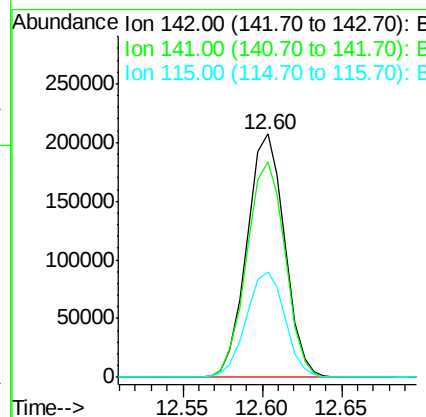
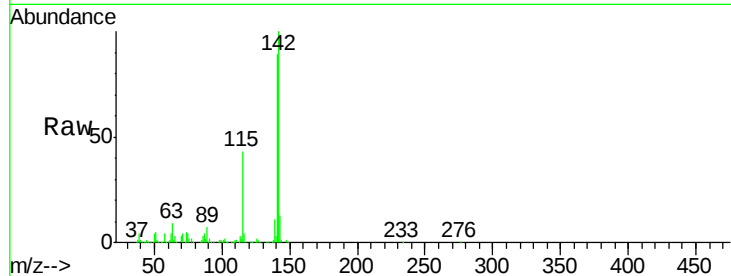




#37
2-Methylnaphthalene
Concen: 42.517 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

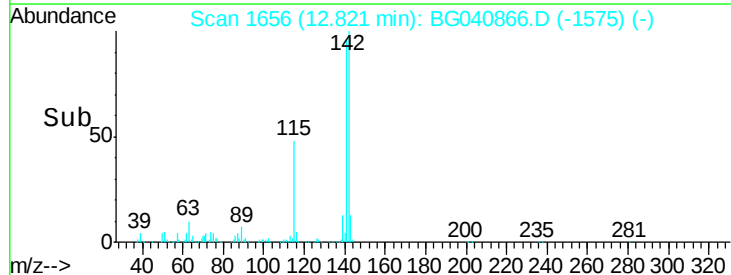
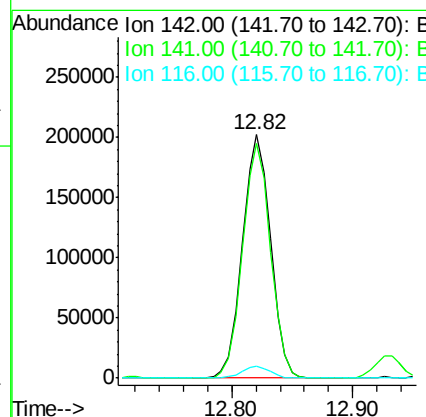
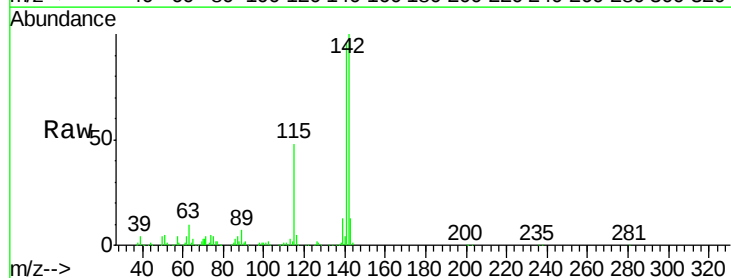
Instrument :
BNA_G
ClientSampleId :
72-11995MSD

Tgt Ion:142 Resp: 342227
Ion Ratio Lower Upper
142 100
141 88.6 73.4 110.2
115 43.2 36.2 54.4



#38
1-Methylnaphthalene
Concen: 41.845 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion:142 Resp: 329220
Ion Ratio Lower Upper
142 100
141 96.4 75.9 113.9
116 4.8 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

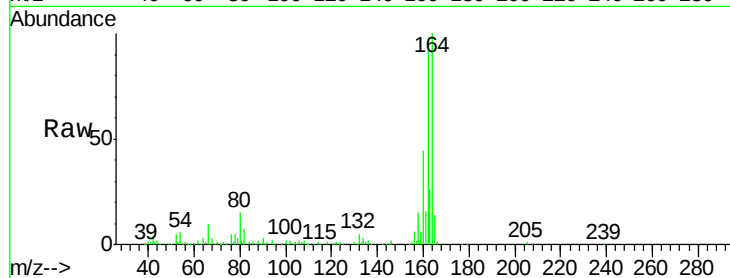
Tgt Ion:164 Resp: 159821

Ion Ratio Lower Upper

164 100

162 97.6 81.9 122.9

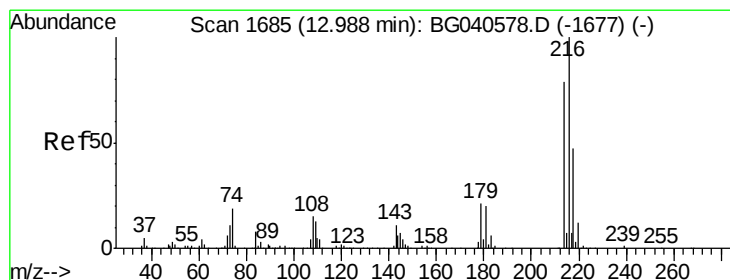
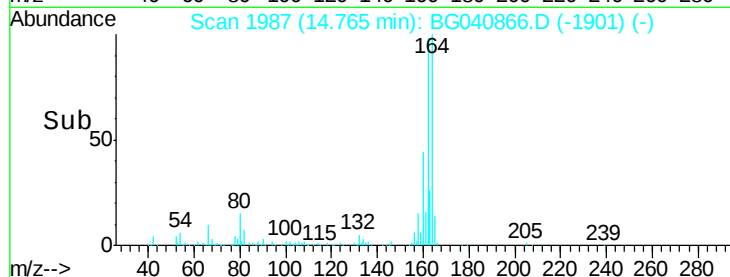
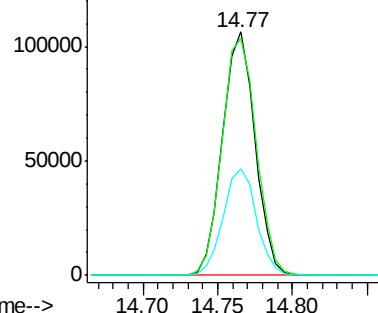
160 43.6 35.4 53.2



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: 41.332 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Tgt Ion:216 Resp: 246082

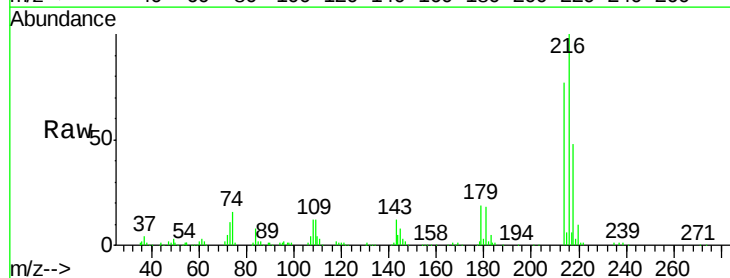
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 18.5 16.6 24.8

108 16.8 14.7 22.1

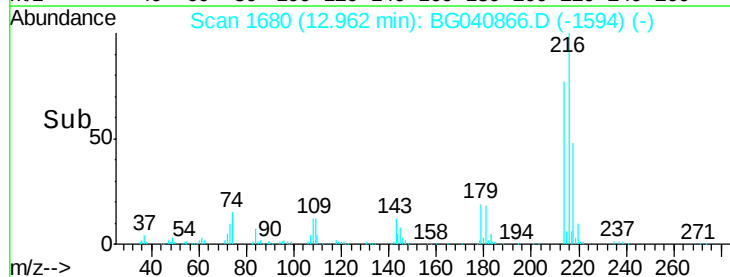
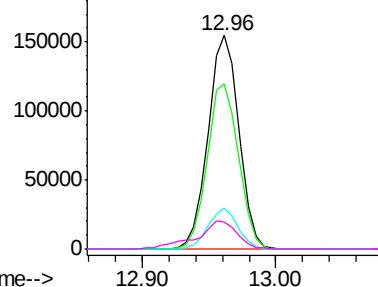


Abundance Ion 216.00 (215.70 to 216.70): E

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

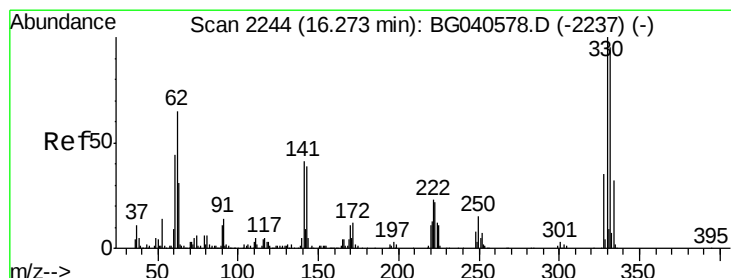
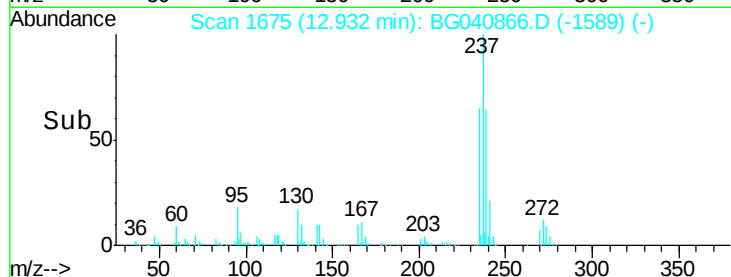
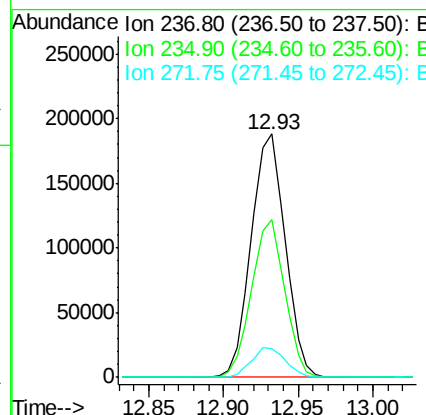
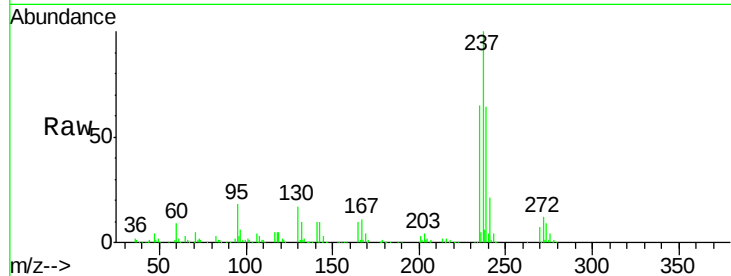




#41
Hexachlorocyclopentadiene
Concen: 84.296 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

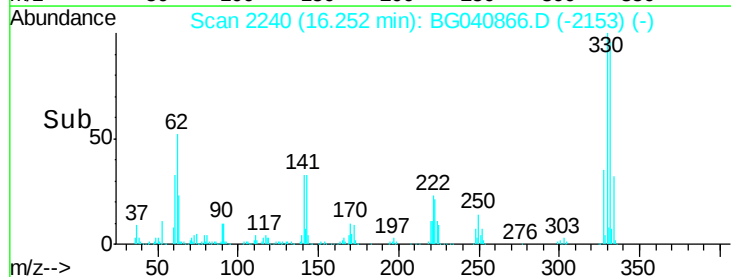
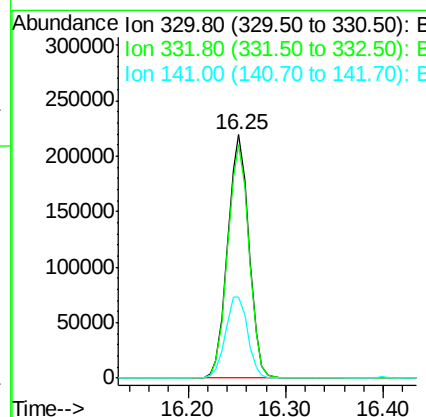
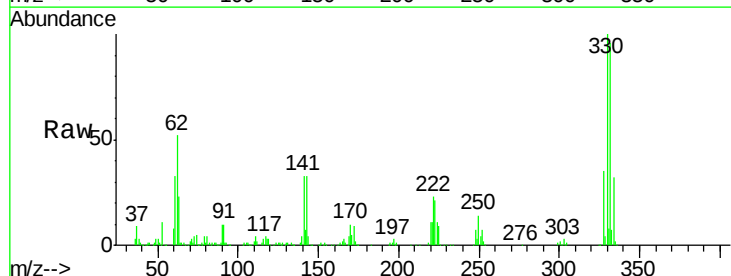
Instrument :
BNA_G
ClientSampleId :
72-11995MSD

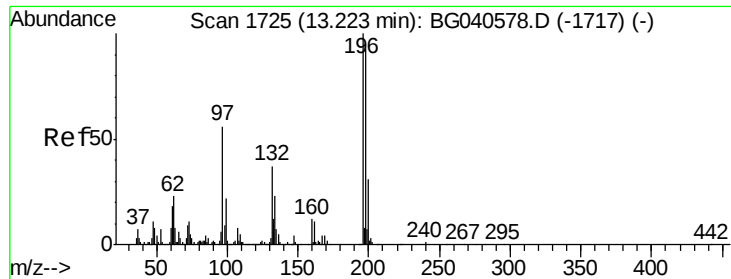
Tgt Ion: 237 Resp: 296149
Ion Ratio Lower Upper
237 100
235 64.6 42.5 82.5
272 11.8 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 150.459 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion: 330 Resp: 330524
Ion Ratio Lower Upper
330 100
332 96.3 75.9 113.9
141 34.9 32.4 48.6

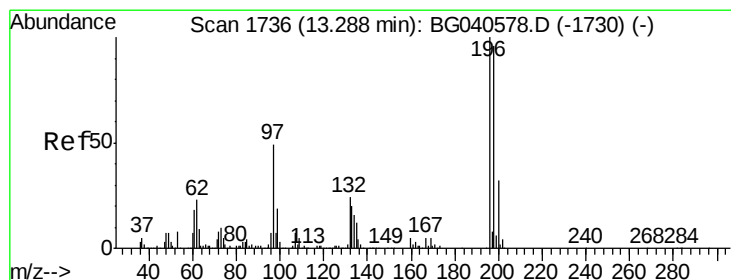
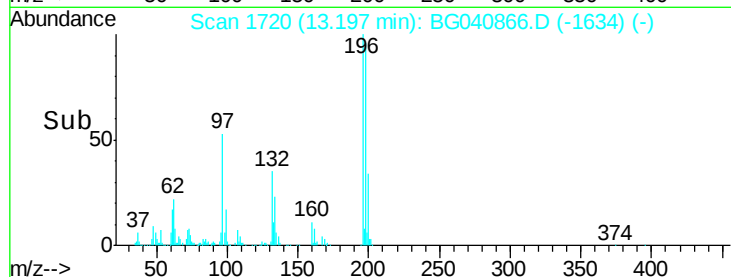
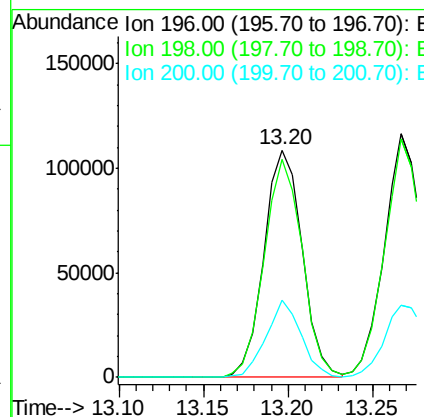
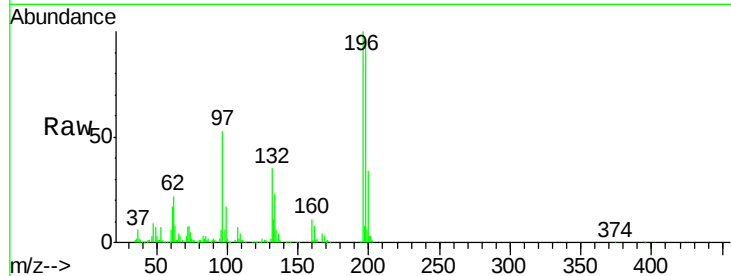




#43
2,4,6-Trichlorophenol
Concen: 47.522 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

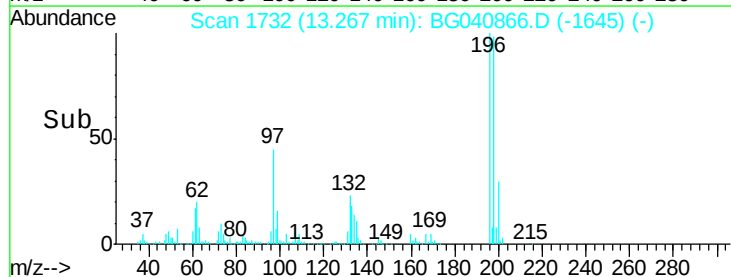
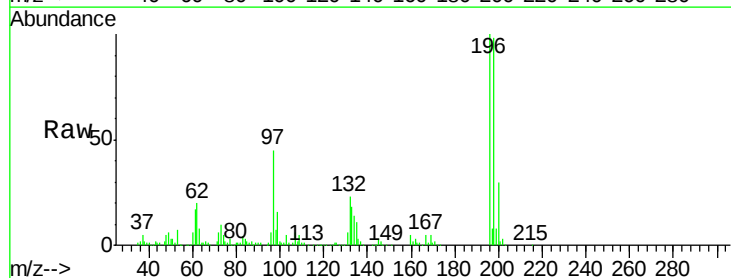
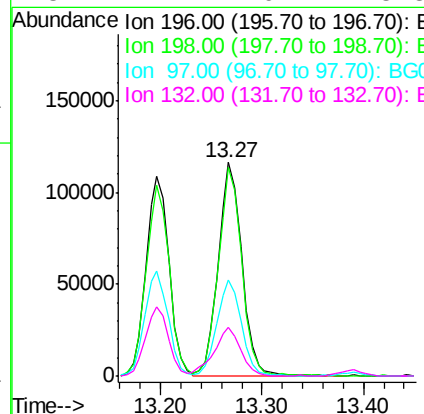
Instrument :
BNA_G
ClientSampleId :
72-11995MSD

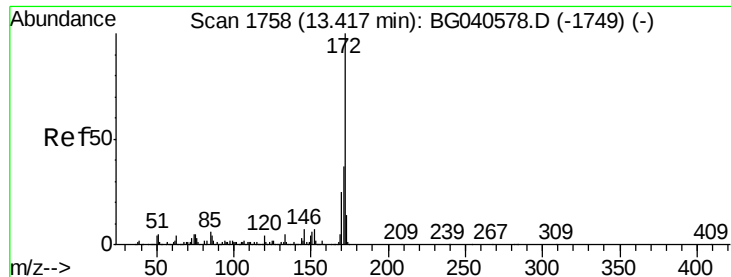
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.8	112.2
200	33.9	24.9	37.3



#44
2,4,5-Trichlorophenol
Concen: 48.322 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	77.0	115.6
97	45.1	40.0	60.0
132	22.7	19.2	28.8

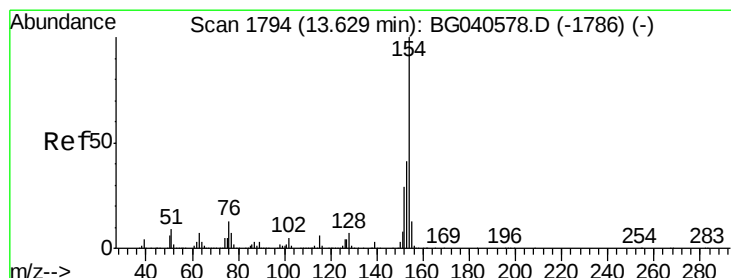
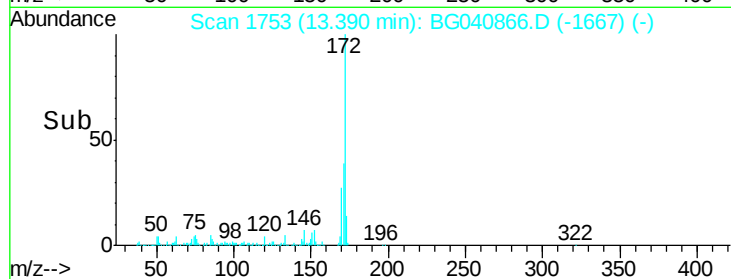
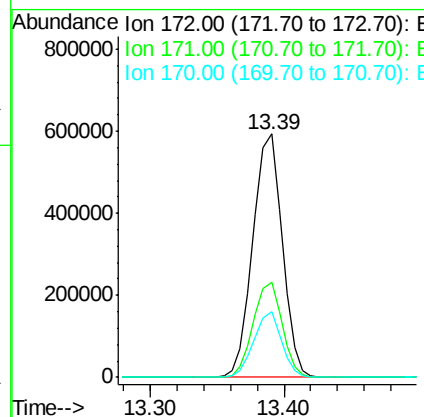
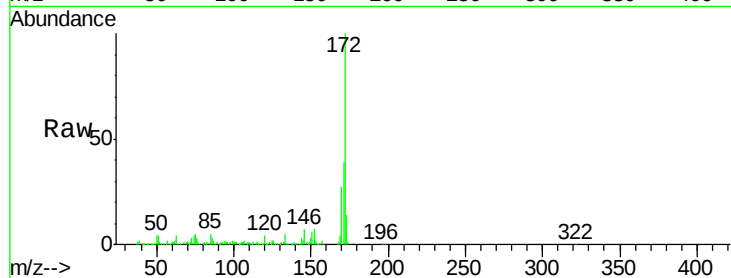




#45
 2-Fluorobiphenyl
 Concen: 81.342 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

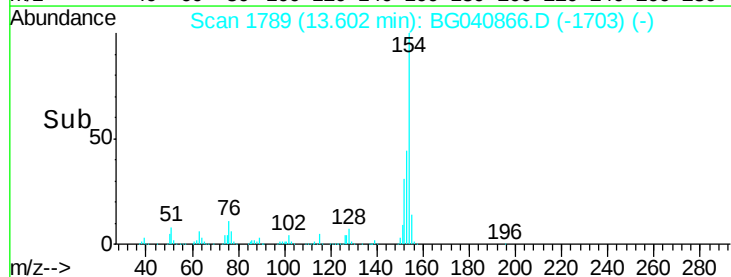
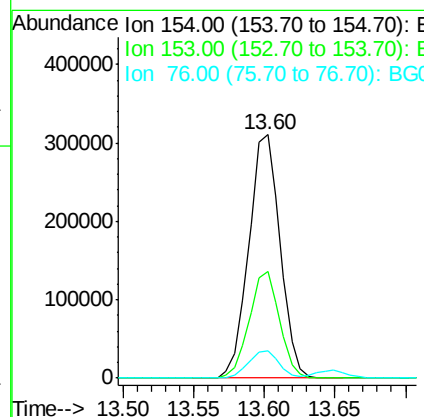
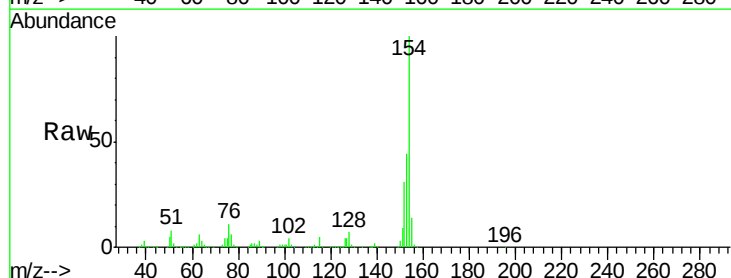
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

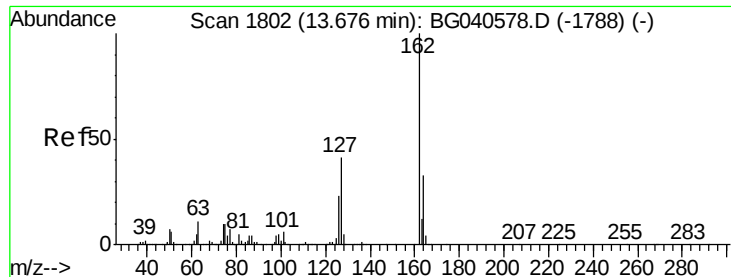
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.4	44.2
170	26.7	19.9	29.9



#46
 1,1'-Biphenyl
 Concen: 38.887 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	20.5	60.5
76	11.3	0.0	32.5

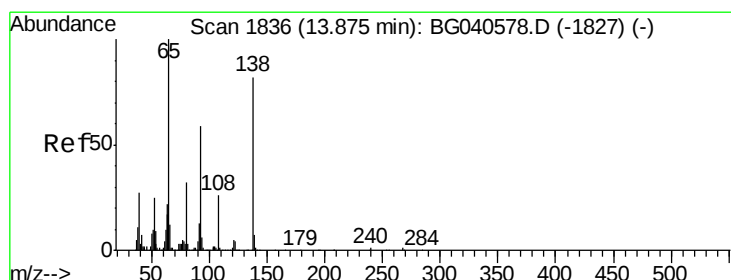
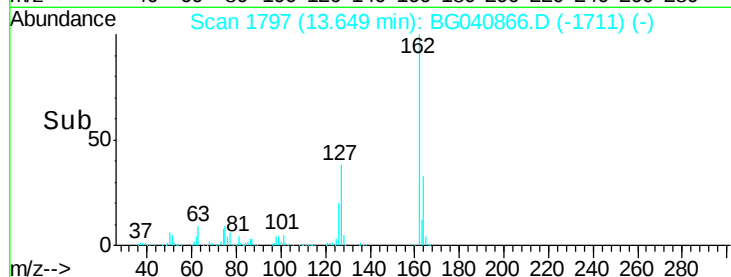
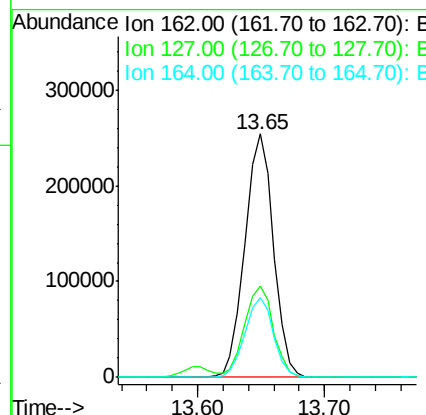
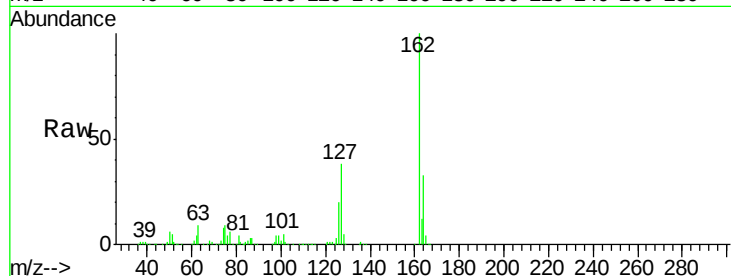




#47
 2-Chloronaphthalene
 Concen: 40.791 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

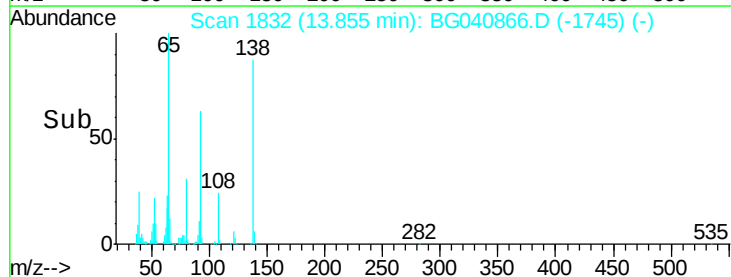
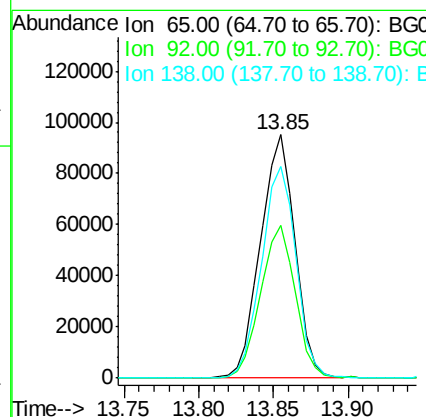
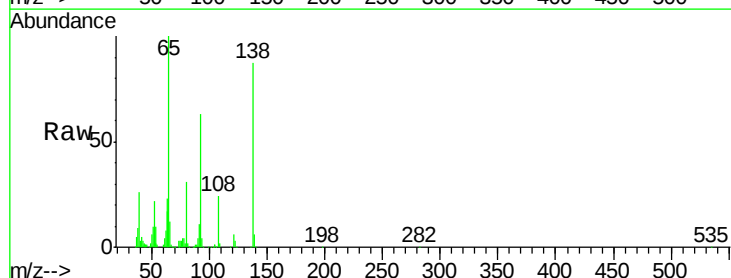
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

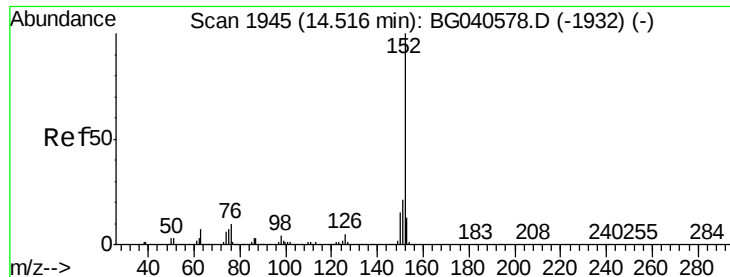
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	33.0	49.4
164	32.7	26.8	40.2



#48
 2-Nitroaniline
 Concen: 43.915 ng
 RT: 13.85 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	47.4	71.0
138	87.0	66.1	99.1





#49

Acenaphthylene

Concen: 38.431 ng

RT: 14.49 min Scan# 1940

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

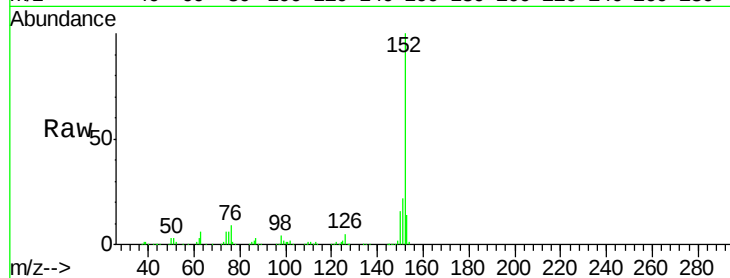
Tgt Ion:152 Resp: 633172

Ion Ratio Lower Upper

152 100

151 22.4 17.2 25.8

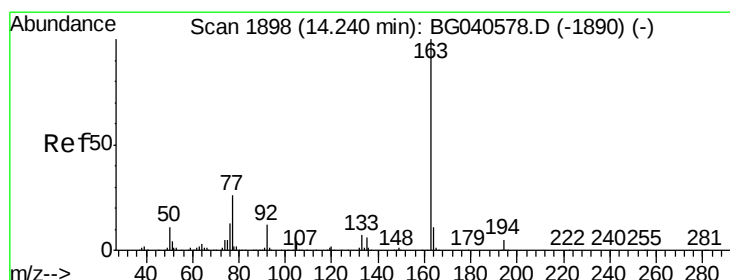
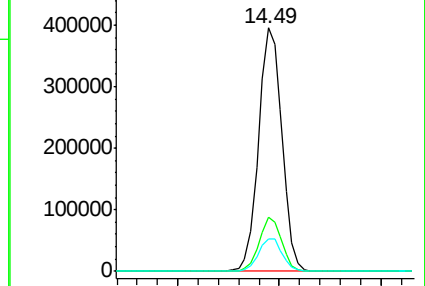
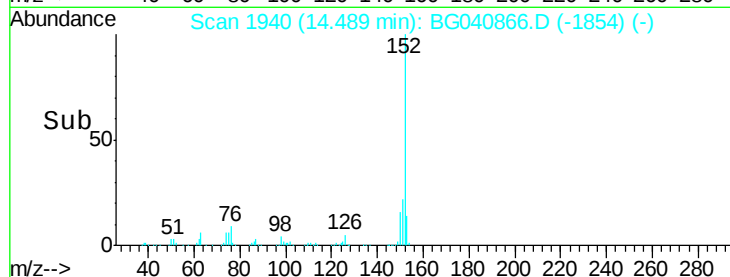
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.760 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

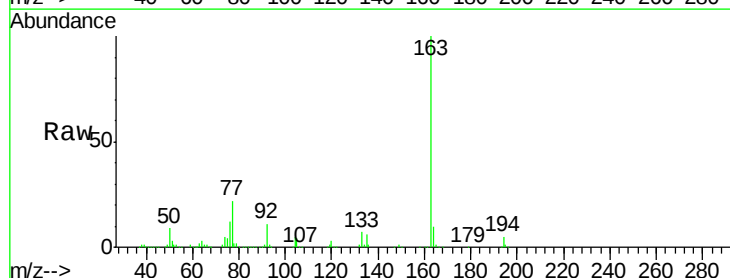
Tgt Ion:163 Resp: 571779

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.8

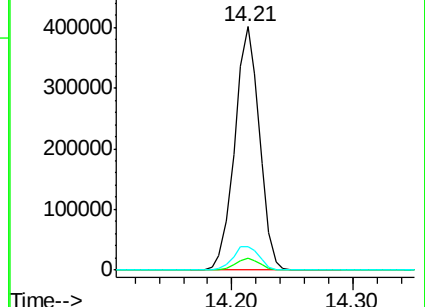
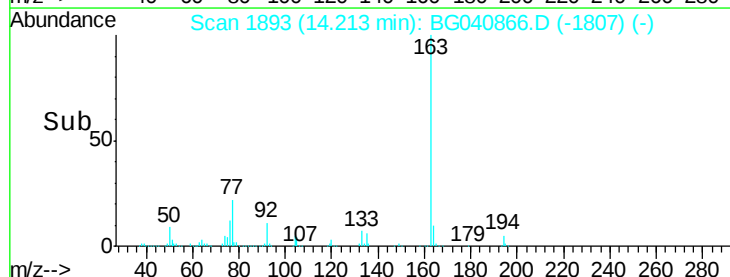
164 9.8 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.798 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

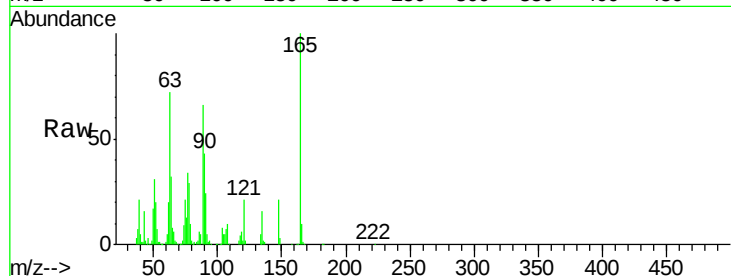
Tgt Ion:165 Resp: 124743

Ion Ratio Lower Upper

165 100

63 71.9 61.0 91.4

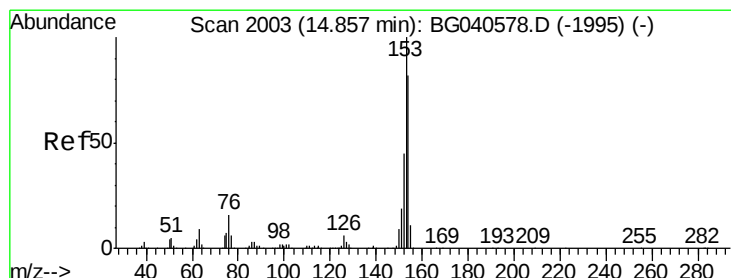
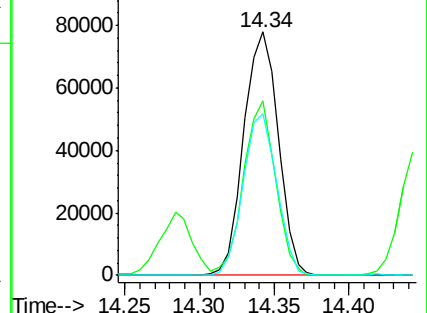
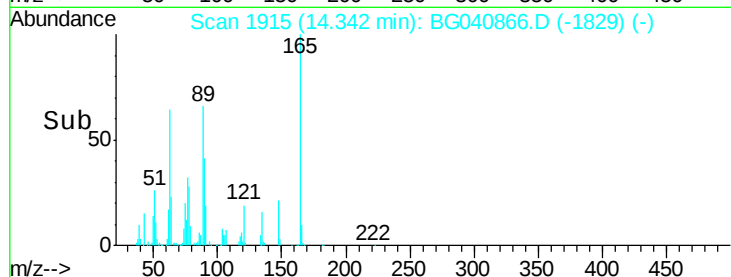
89 66.4 58.6 87.8



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: 38.681 ng

RT: 14.83 min Scan# 1998

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

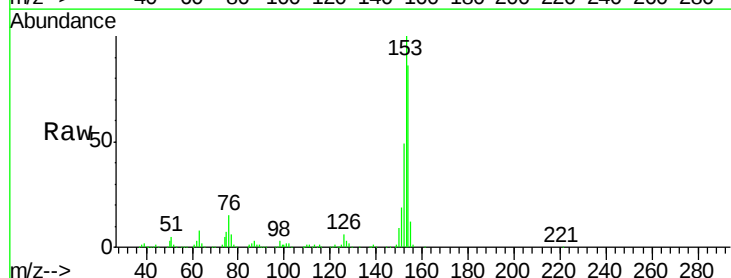
Tgt Ion:154 Resp: 371141

Ion Ratio Lower Upper

154 100

153 116.9 97.0 145.6

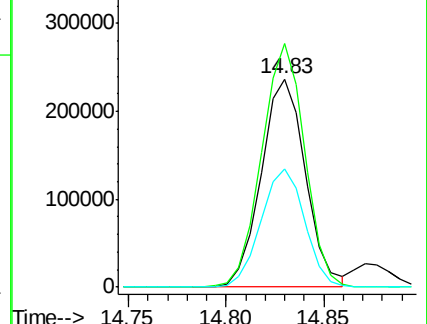
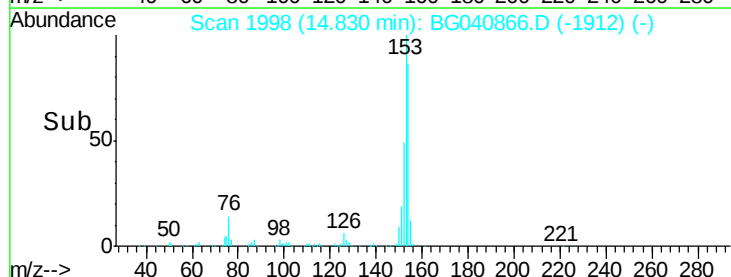
152 56.8 44.1 66.1



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

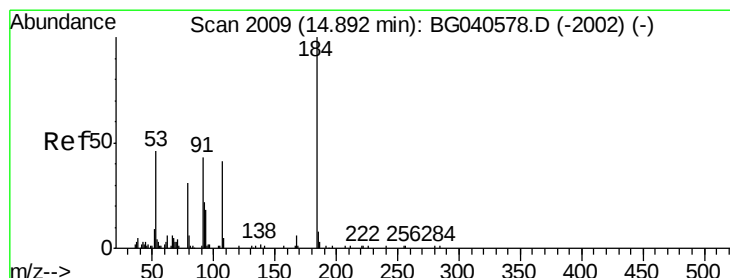
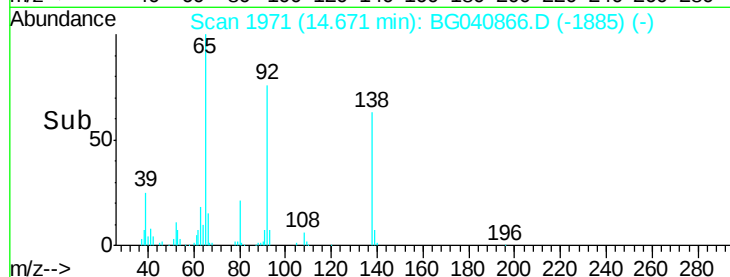
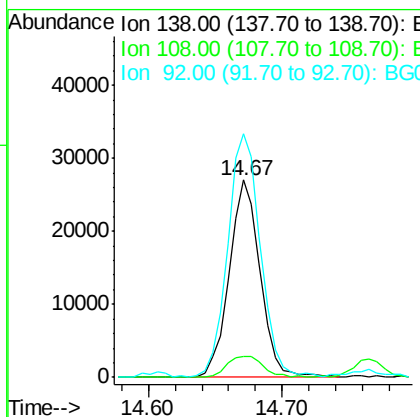
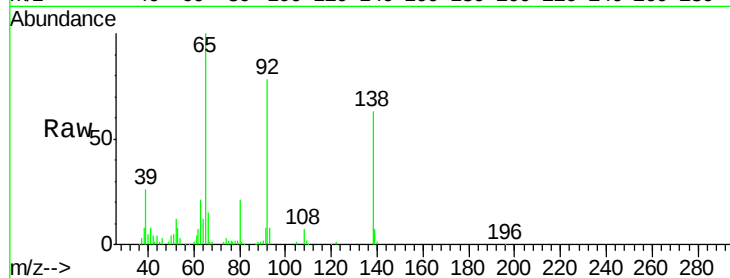




#53
 3-Nitroaniline
 Concen: 16.264 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

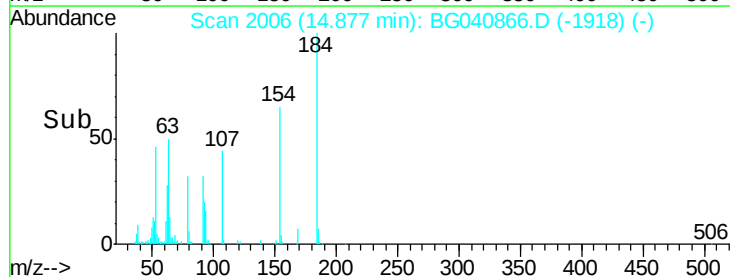
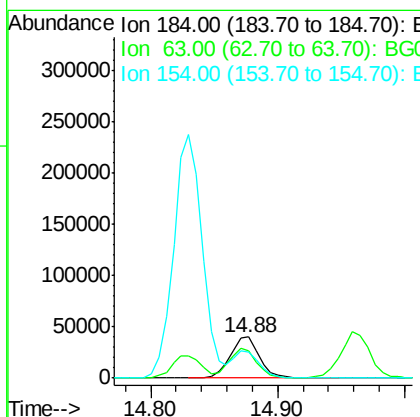
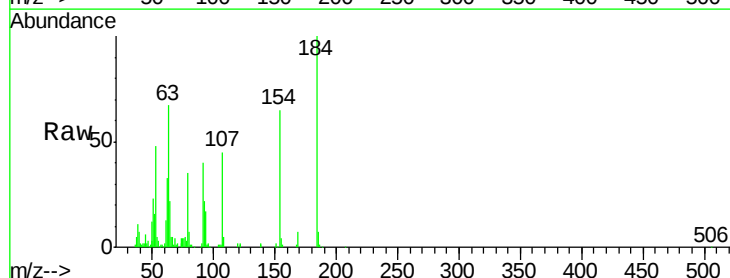
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

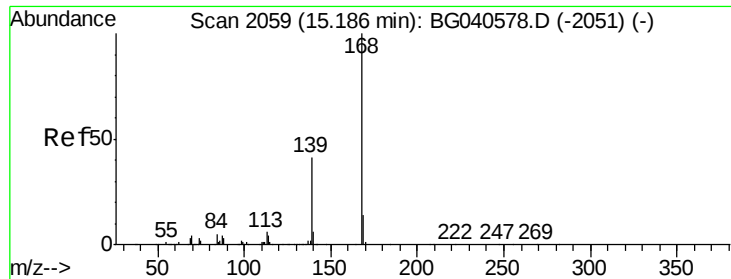
Tgt Ion:138 Resp: 43490
 Ion Ratio Lower Upper
 138 100
 108 10.6 12.4 18.6#
 92 123.6 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 46.205 ng
 RT: 14.88 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

Tgt Ion:184 Resp: 63228
 Ion Ratio Lower Upper
 184 100
 63 66.9 51.8 77.6
 154 64.8 43.6 65.4





#55

Dibenzofuran

Concen: 41.290 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

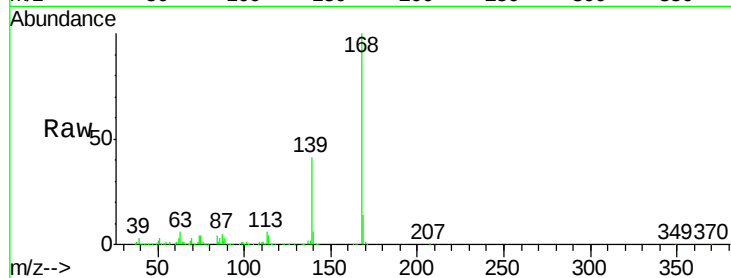
Tgt Ion:168 Resp: 648902

Ion Ratio Lower Upper

168 100

139 41.1 33.0 49.4

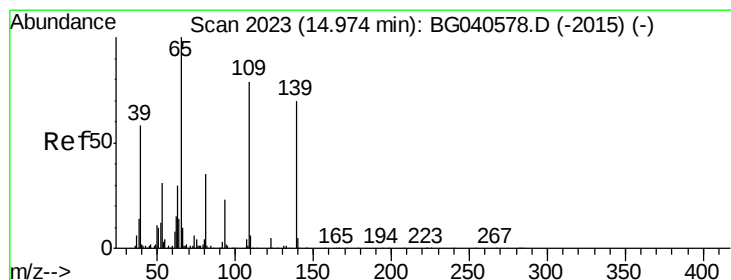
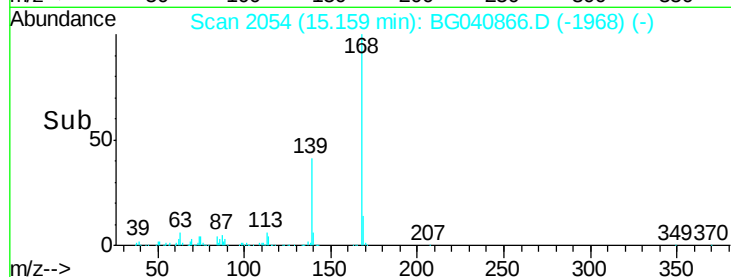
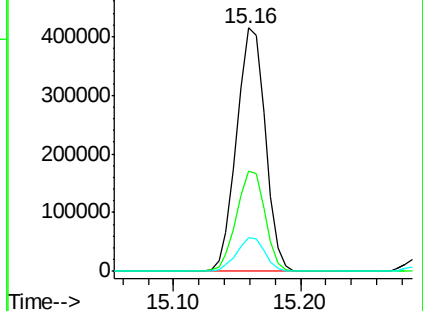
169 13.8 11.0 16.4



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: 77.872 ng

RT: 14.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

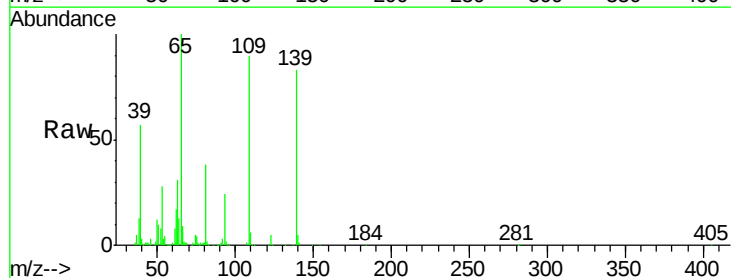
Tgt Ion:139 Resp: 180559

Ion Ratio Lower Upper

139 100

109 109.1 93.8 133.8

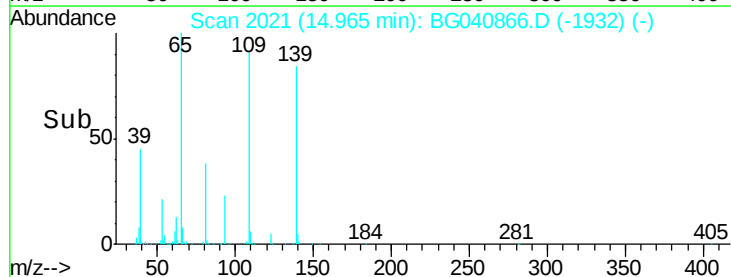
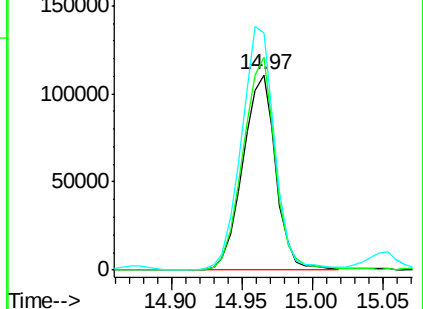
65 121.1 122.7 162.7#

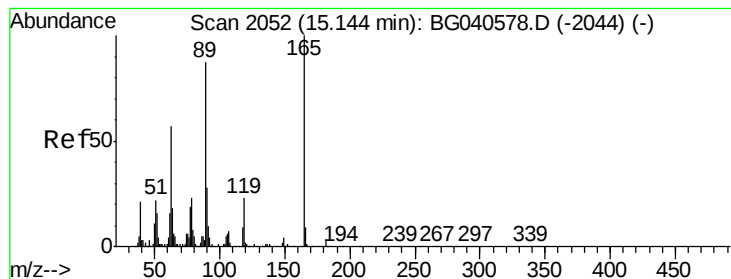


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

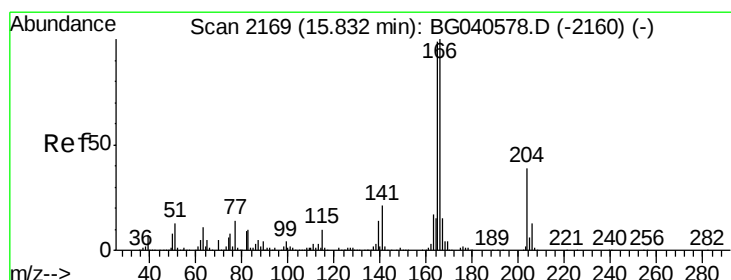
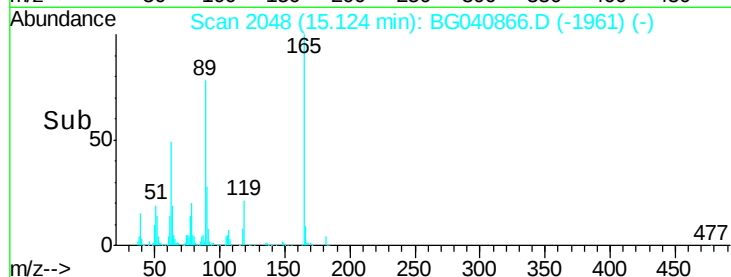
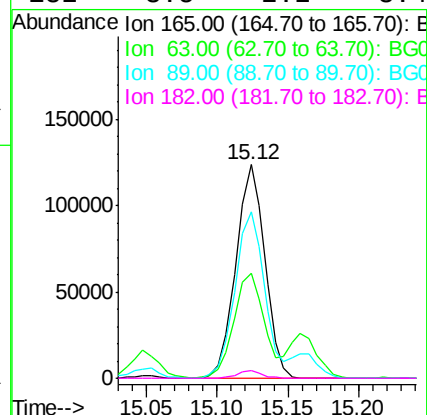
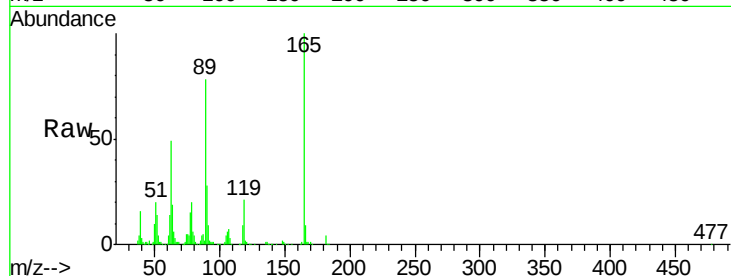




#57
2,4-Dinitrotoluene
Concen: 49.999 ng
RT: 15.12 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

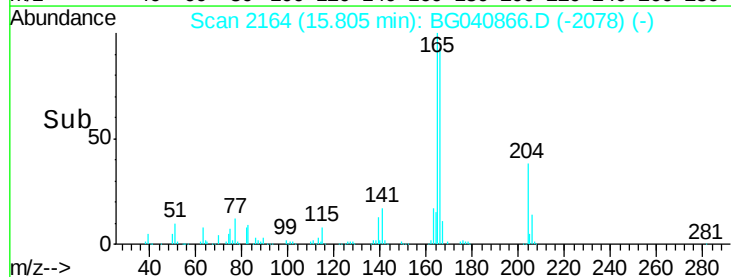
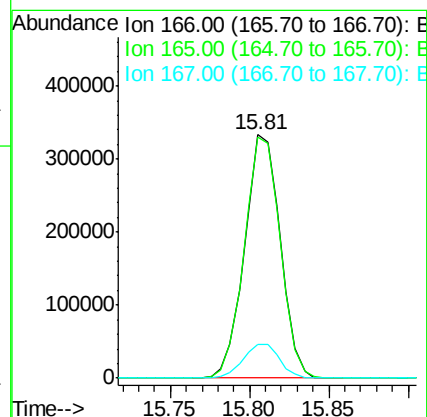
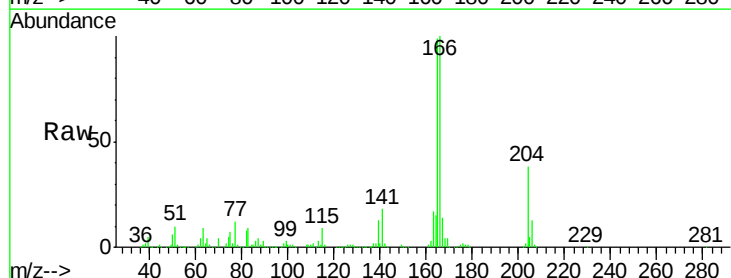
Instrument :
BNA_G
ClientSampleId :
72-11995MSD

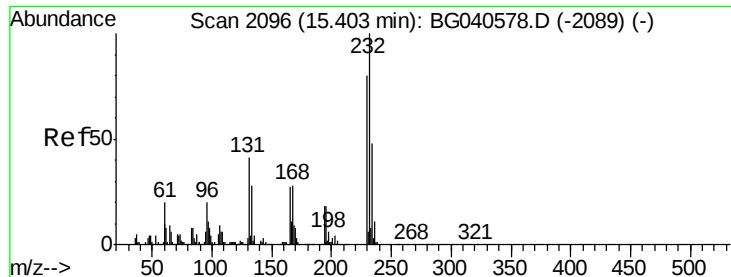
Tgt Ion:165 Resp: 177311
Ion Ratio Lower Upper
165 100
63 49.1 45.8 68.8
89 77.7 69.4 104.2
182 3.5 2.2 3.4#



#58
Fluorene
Concen: 41.025 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion:166 Resp: 521110
Ion Ratio Lower Upper
166 100
165 99.0 79.6 119.4
167 14.0 12.2 18.2

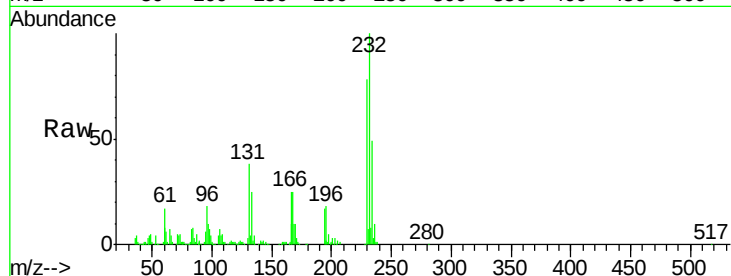




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.126 ng
 RT: 15.38 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

Tgt Ion:	232	Resp:	201688
Ion	Ratio	Lower	Upper
232	100		
131	37.7	33.0	49.4
130	2.6	2.0	3.0
166	25.4	22.1	33.1

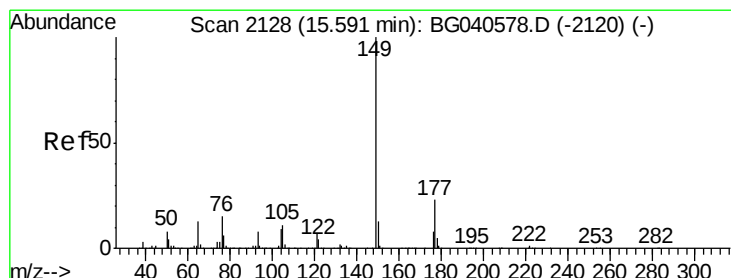
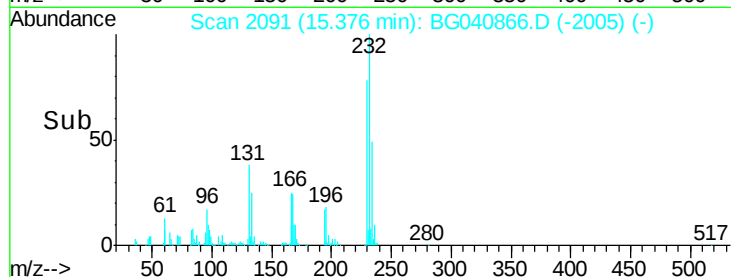
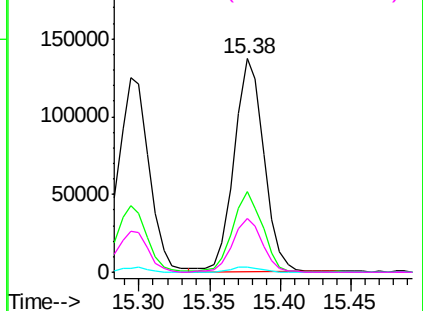


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

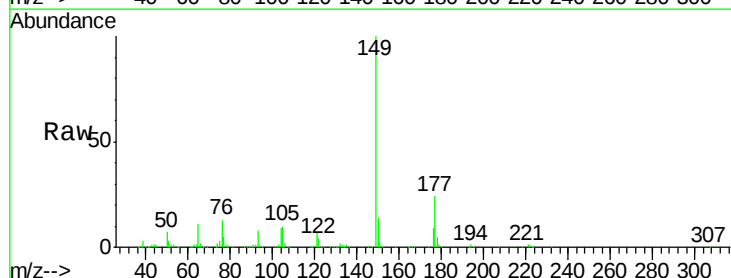
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.657 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

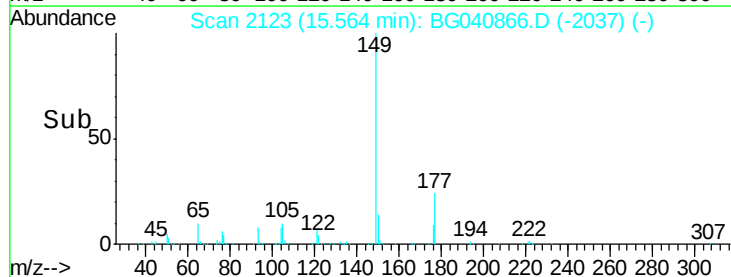
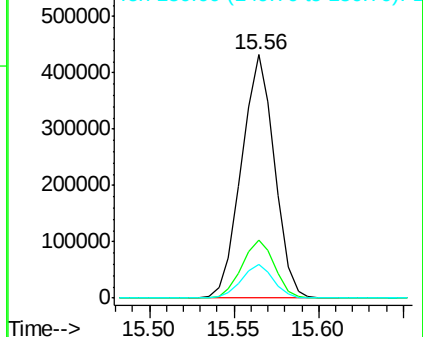
Tgt Ion:	149	Resp:	587711
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	13.6	10.2	15.4

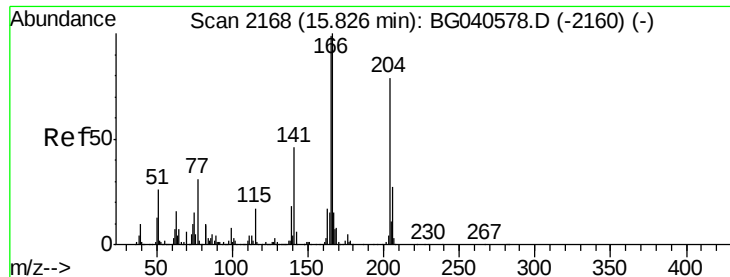


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

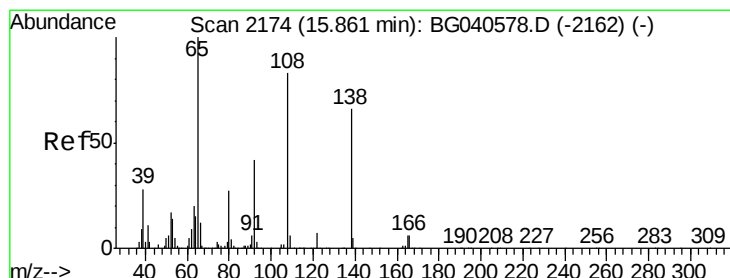
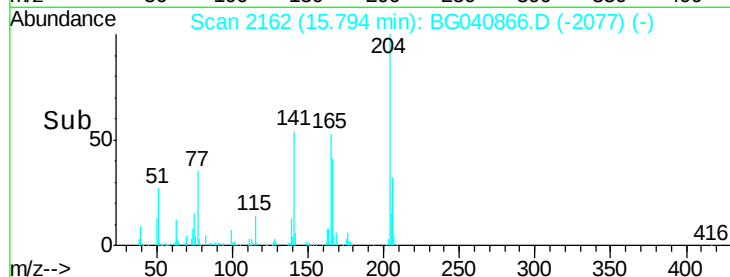
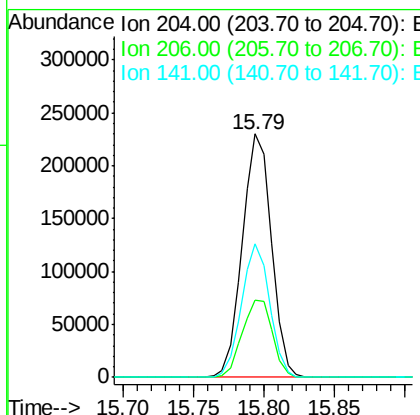
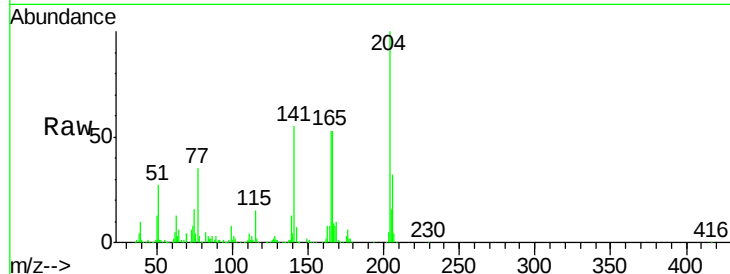




#61
 4-Chlorophenyl-phenylether
 Concen: 44.938 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

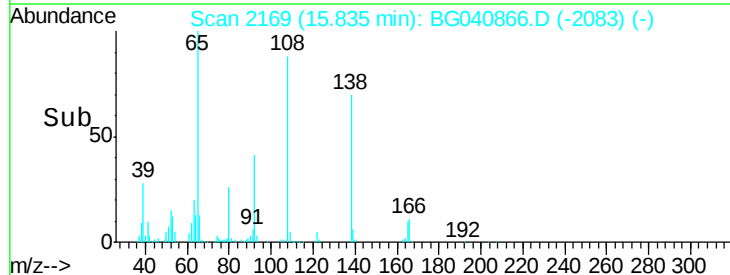
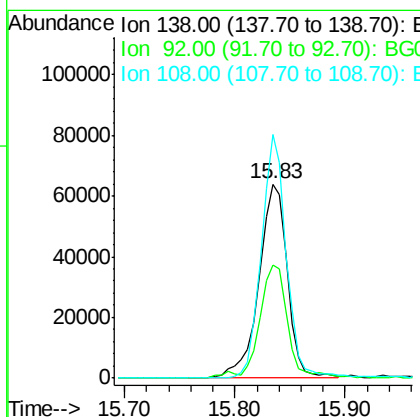
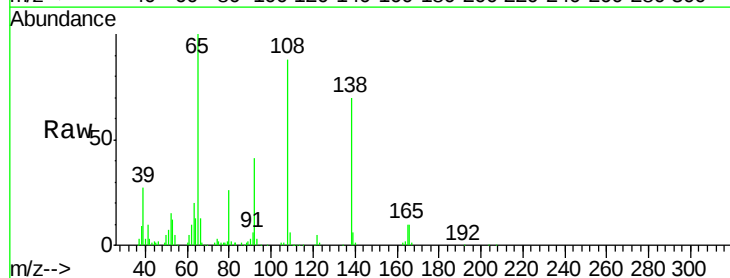
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

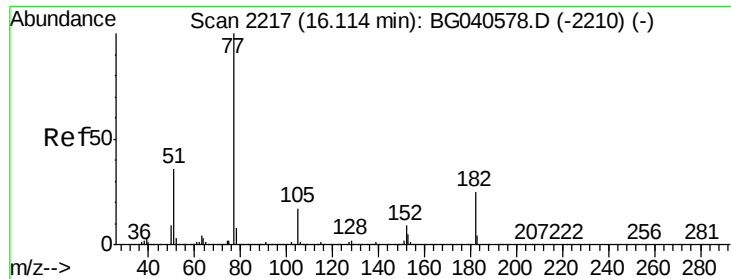
Tgt Ion: 204 Resp: 331990
 Ion Ratio Lower Upper
 204 100
 206 31.9 27.4 41.2
 141 54.9 46.0 69.0



#62
 4-Nitroaniline
 Concen: 38.882 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

Tgt Ion: 138 Resp: 116304
 Ion Ratio Lower Upper
 138 100
 92 58.3 43.9 83.9
 108 125.5 106.5 146.5

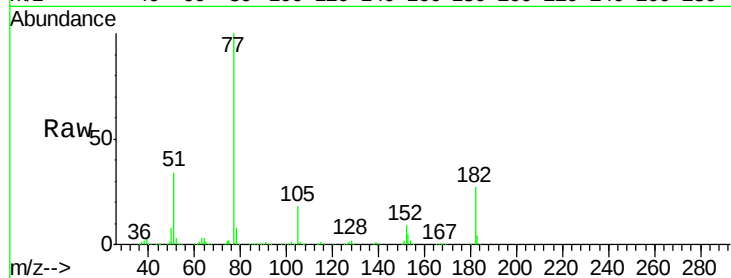




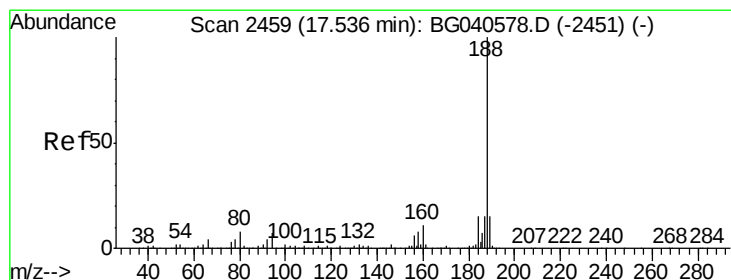
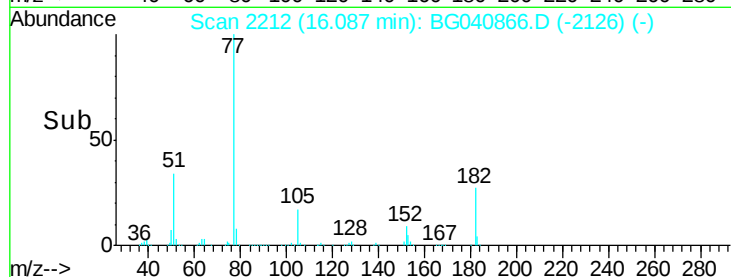
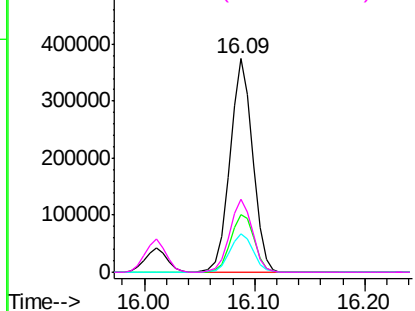
#63
Azobenzene
Concen: 37.106 ng
RT: 16.09 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Instrument :
BNA_G
ClientSampleId :
72-11995MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	5.0	45.0
105	18.1	0.0	37.6
51	34.1	16.3	56.3

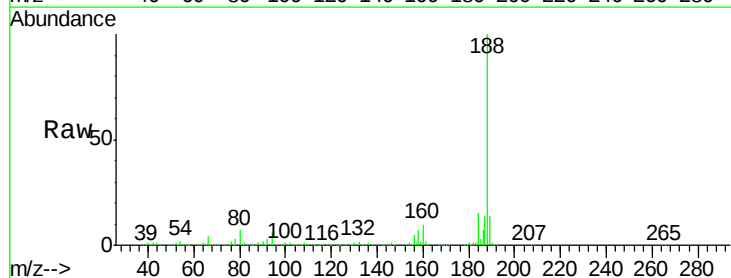


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

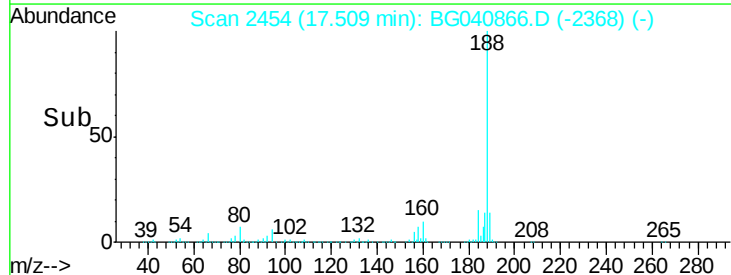
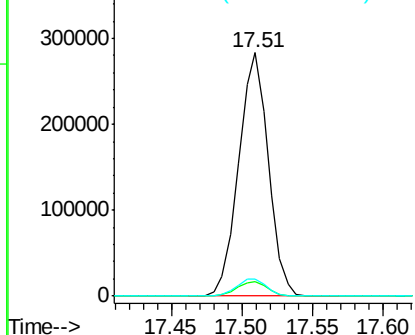


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.6	8.4
80	6.8	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: 34.450 ng

RT: 15.88 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

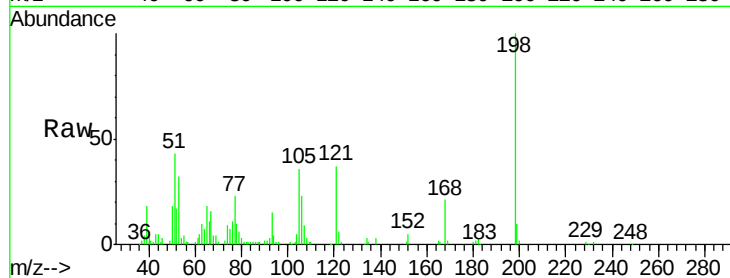
Tgt Ion:198 Resp: 65842

Ion Ratio Lower Upper

198 100

51 42.9 35.9 75.9

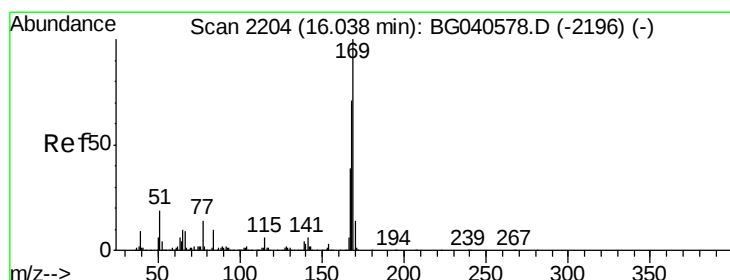
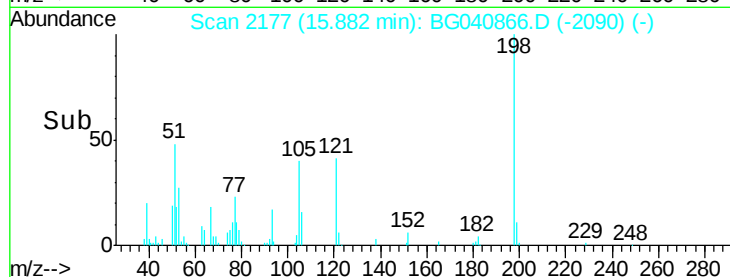
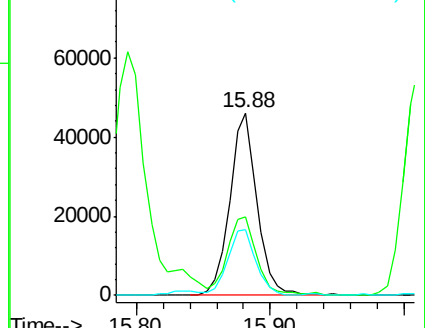
105 35.7 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.796 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

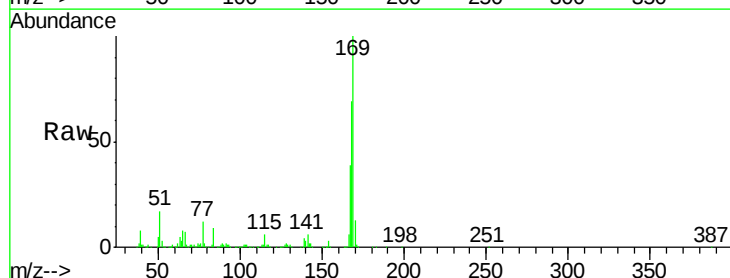
Tgt Ion:169 Resp: 487443

Ion Ratio Lower Upper

169 100

168 69.3 56.8 85.2

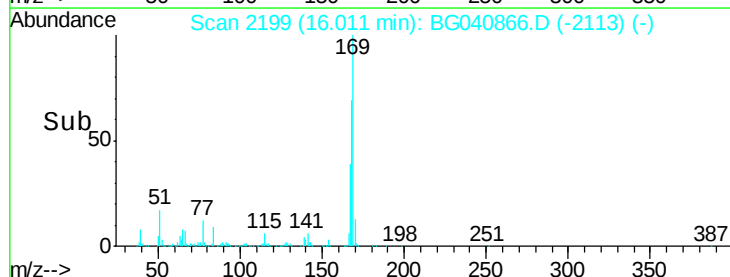
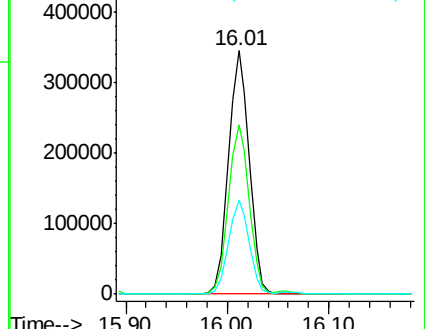
167 38.7 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

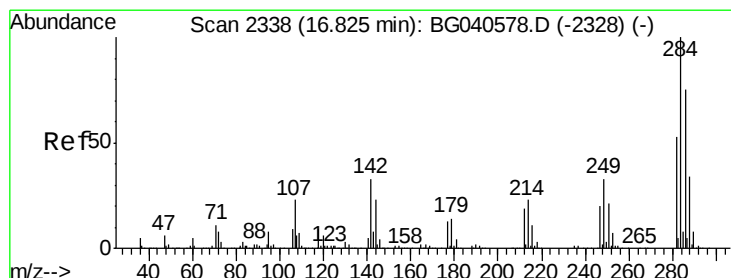
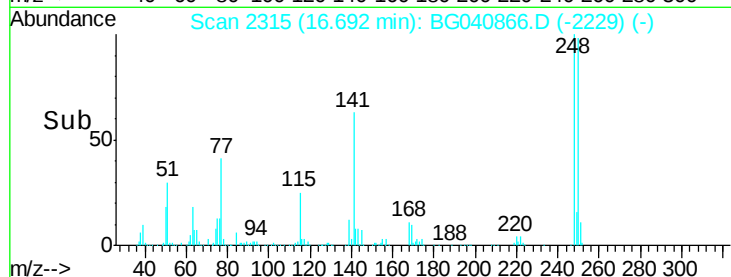
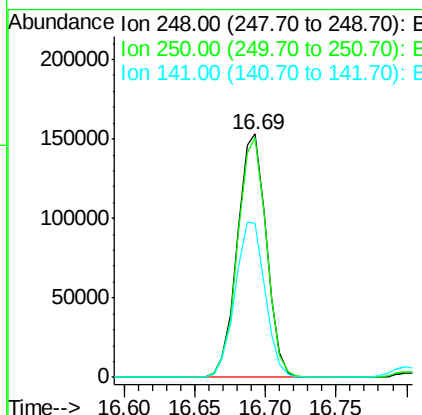
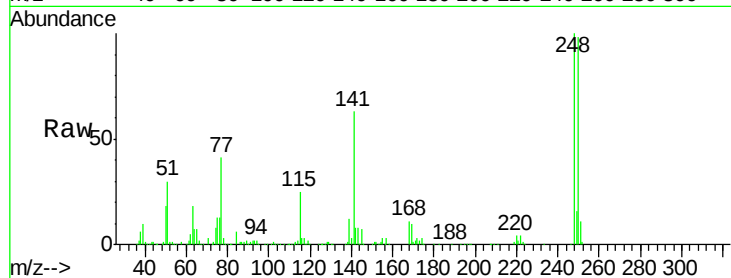




#67
 4-Bromophenyl-phenylether
 Concen: 42.374 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

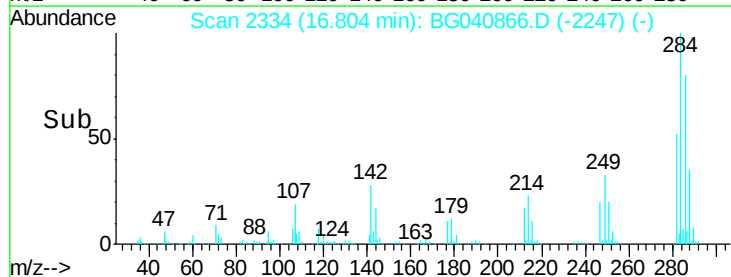
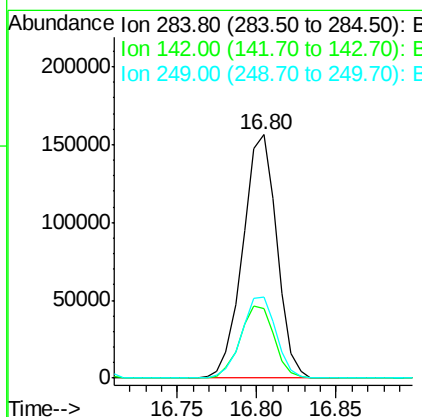
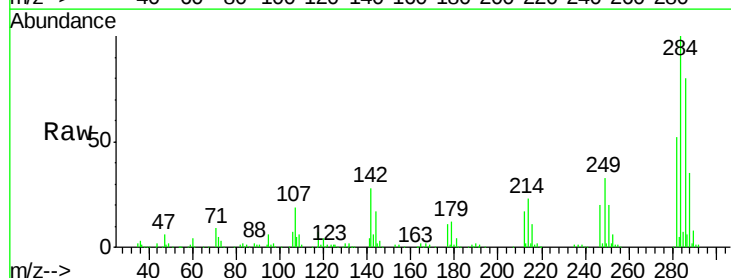
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

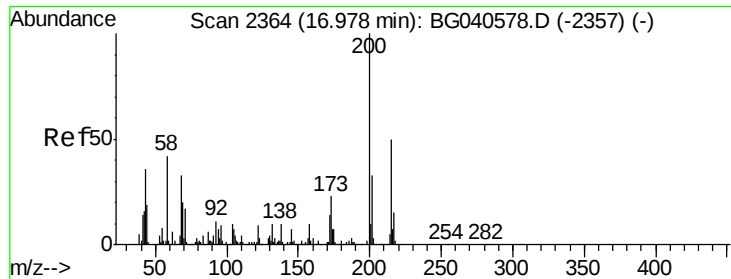
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.8	119.6
141	63.2	60.8	91.2



#68
 Hexachlorobenzene
 Concen: 43.189 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.02 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	26.6	40.0
249	33.3	26.0	39.0





#69

Atrazine

Concen: 41.185 ng

RT: 16.95 min Scan# 2359

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

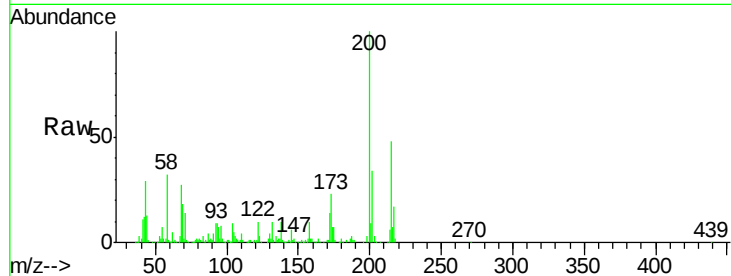
Tgt Ion:200 Resp: 199862

Ion Ratio Lower Upper

200 100

173 23.2 2.8 42.8

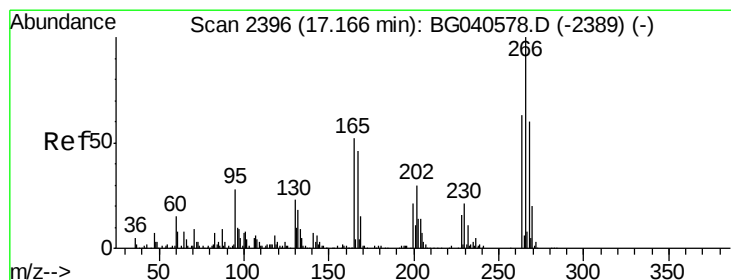
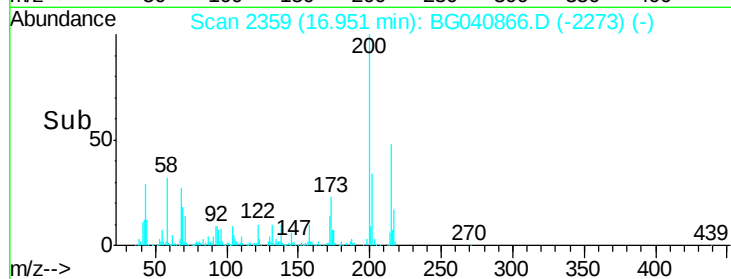
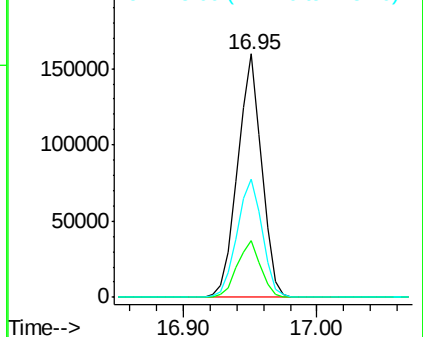
215 48.4 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.364 ng

RT: 17.14 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

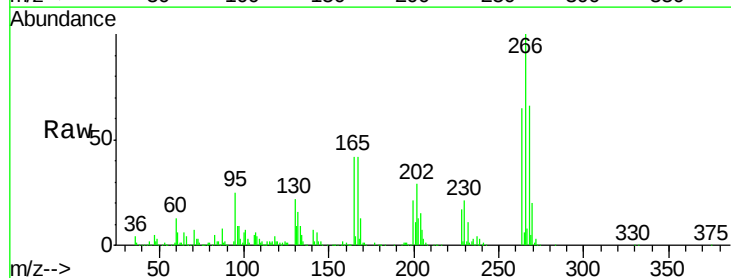
Tgt Ion:266 Resp: 242792

Ion Ratio Lower Upper

266 100

268 65.8 52.3 78.5

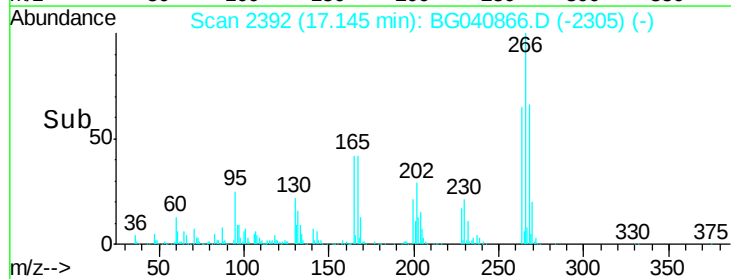
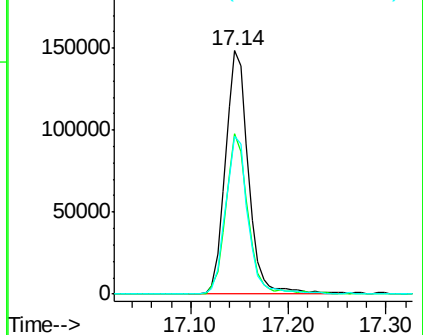
264 64.7 50.0 75.0

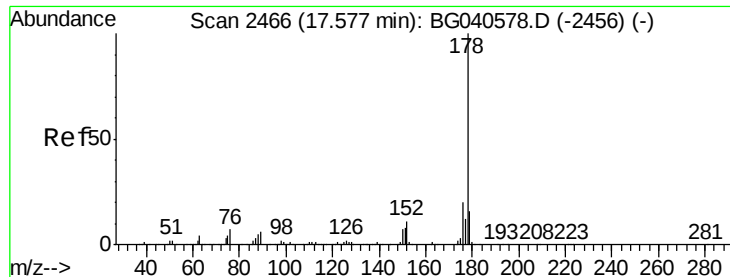


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

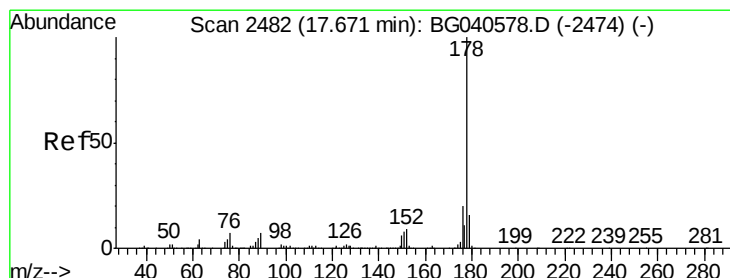
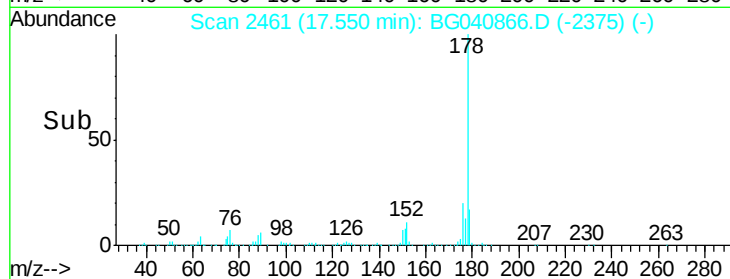
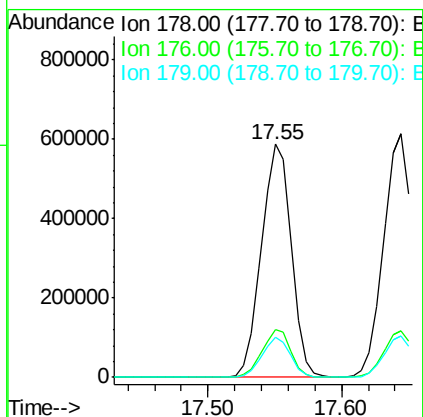
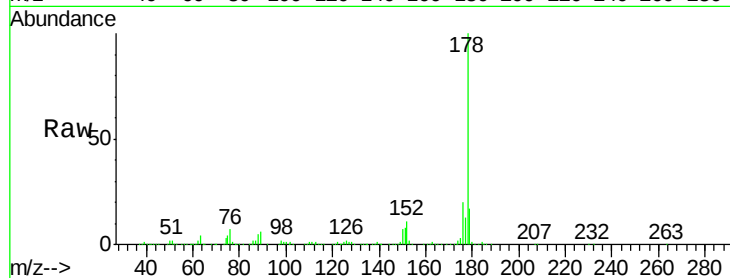




#71
Phenanthrene
Concen: 40.524 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

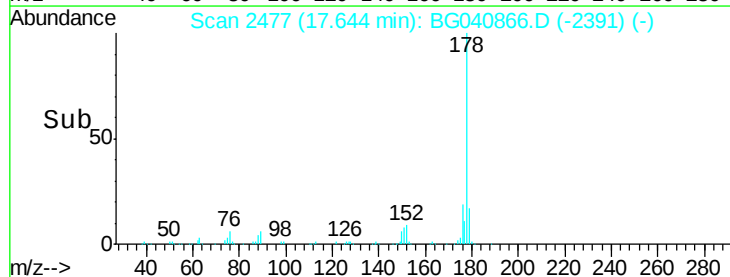
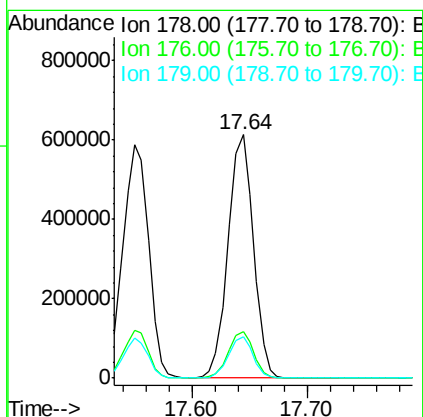
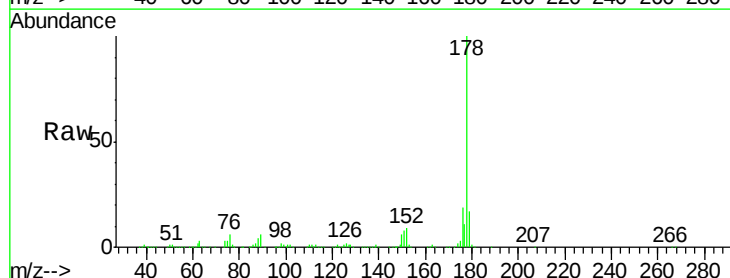
Instrument :
BNA_G
ClientSampleId :
72-11995MSD

Tgt Ion:178 Resp: 908700
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 17.1 12.6 18.8



#72
Anthracene
Concen: 41.424 ng
RT: 17.64 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion:178 Resp: 933677
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.9 12.9 19.3

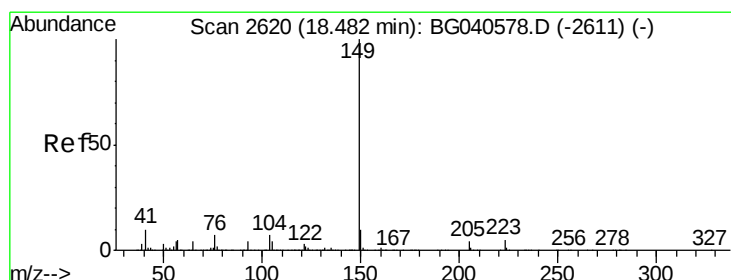
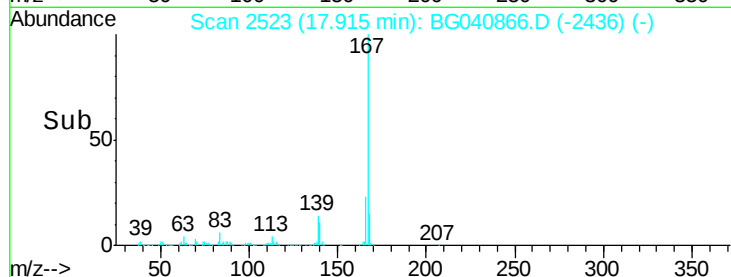
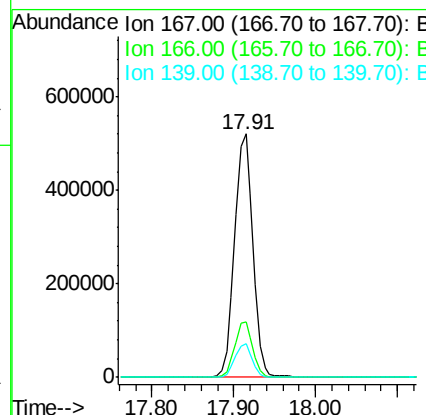
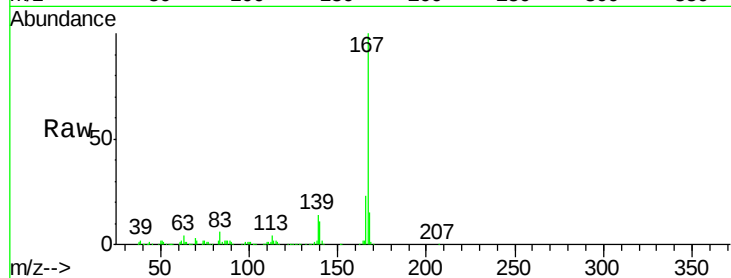




#73
 Carbazole
 Concen: 39.858 ng
 RT: 17.91 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

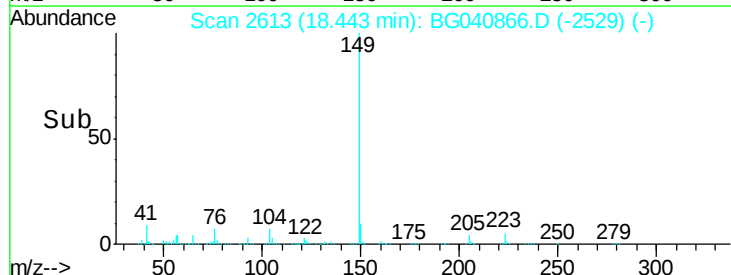
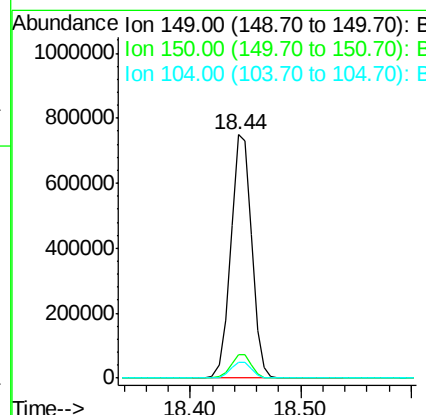
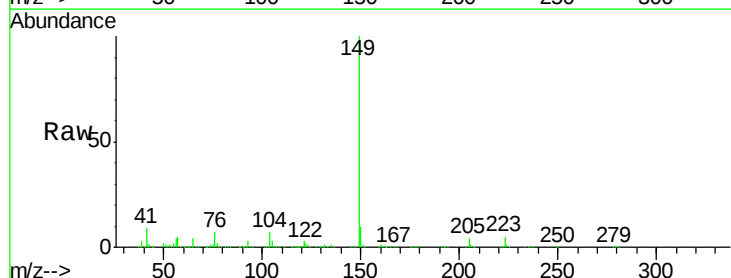
Instrument :
 BNA_G
 ClientSampleId :
 72-11995MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	13.7	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 39.955 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.04 min
 Lab File: BG040866.D
 Acq: 11 May 2019 4:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	6.6	5.4	8.2





#75

Fluoranthene

Concen: 43.040 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

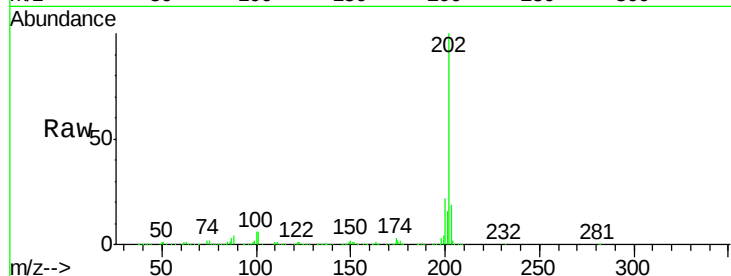
Tgt Ion:202 Resp: 1202694

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	27.5
203	19.0	0.0	39.3

202 100

101 6.3 0.0 27.5

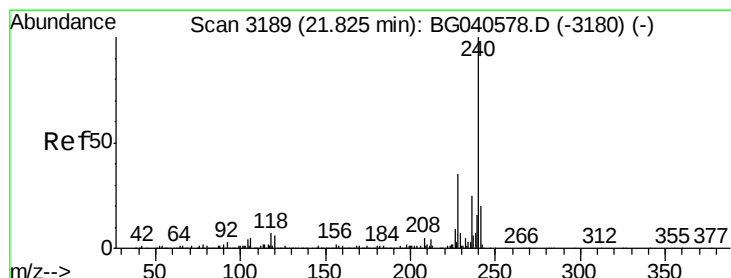
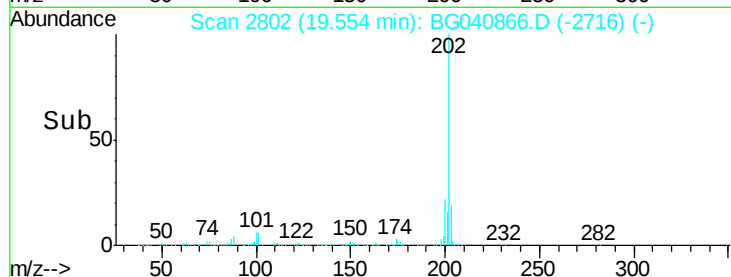
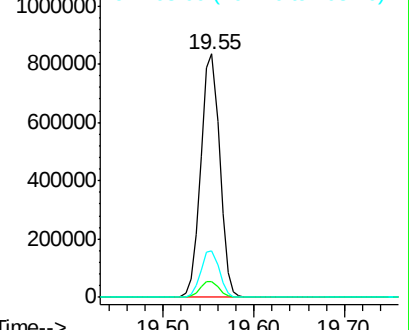
203 19.0 0.0 39.3



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: 21.79 min Scan# 3183

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

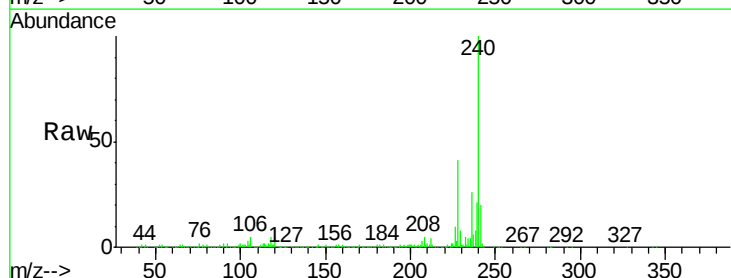
Tgt Ion:240 Resp: 419053

Ion	Ratio	Lower	Upper
240	100		
120	4.7	5.0	7.6#
236	26.0	20.3	30.5

240 100

120 4.7 5.0 7.6#

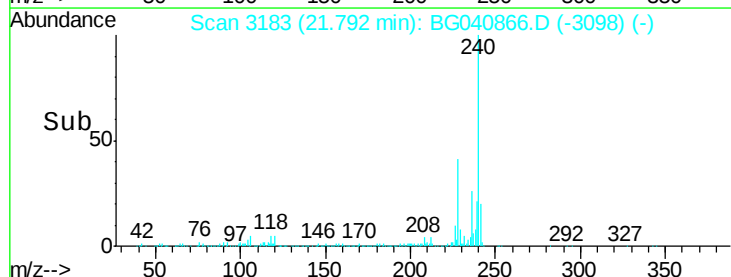
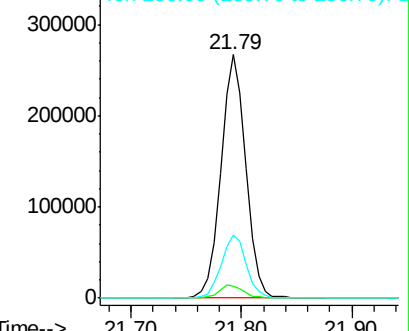
236 26.0 20.3 30.5



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





#77

Benzidine

Concen: 2.482 ng m

RT: 19.74 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

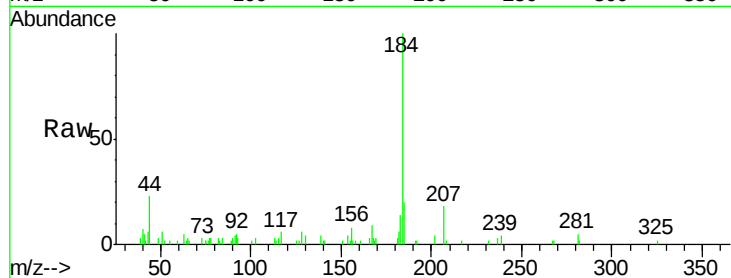
Tgt Ion:184 Resp: 28474

Ion Ratio Lower Upper

184 100

185 19.7 11.8 17.8#

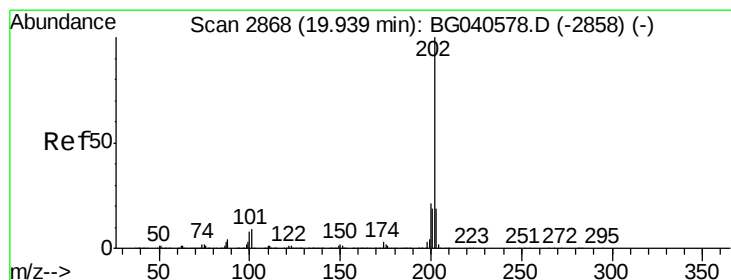
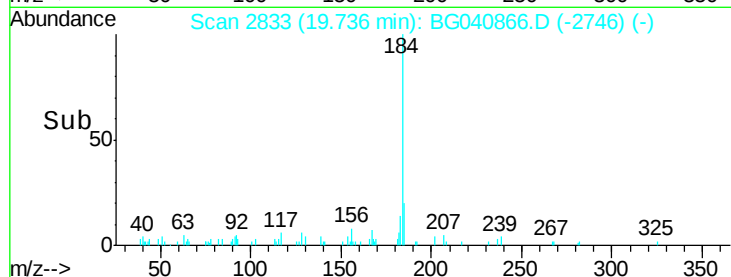
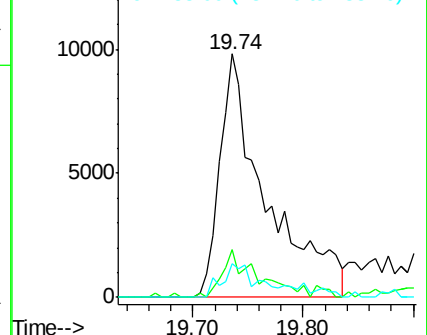
183 14.0 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.895 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

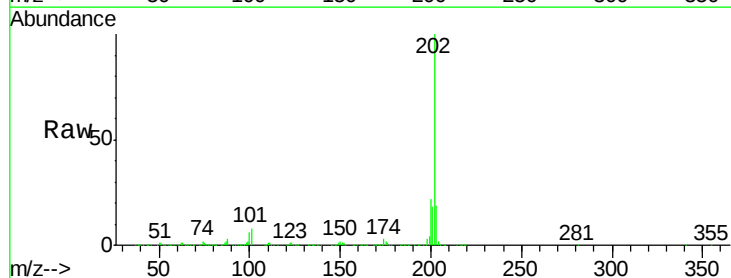
Tgt Ion:202 Resp: 1205397

Ion Ratio Lower Upper

202 100

200 22.5 17.2 25.8

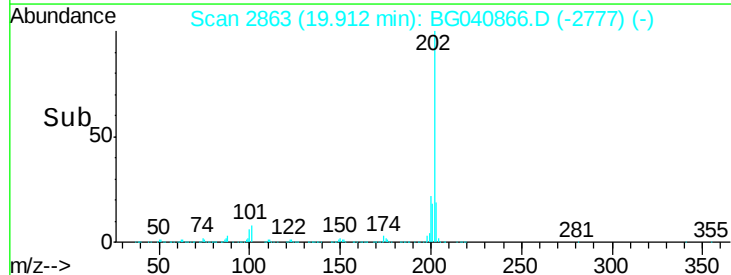
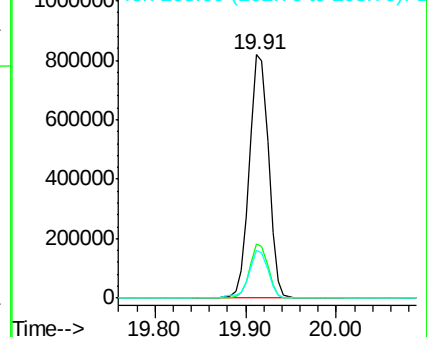
203 19.4 15.0 22.4

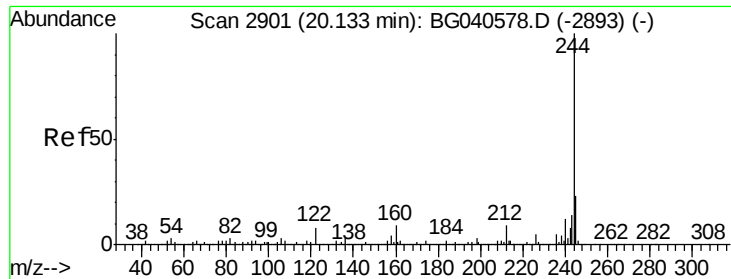


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.098 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

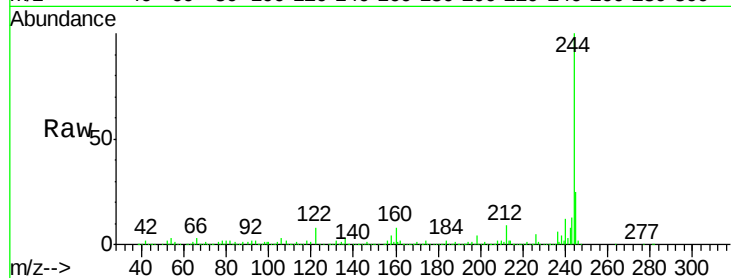
Tgt Ion:244 Resp: 1742051

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

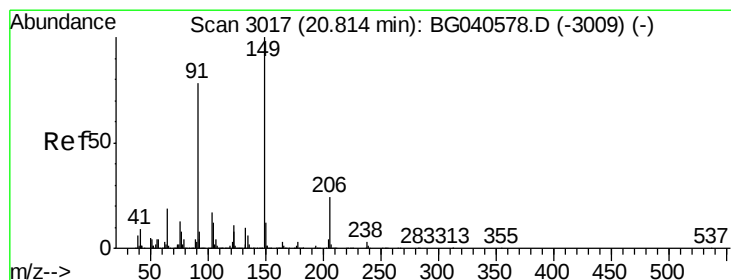
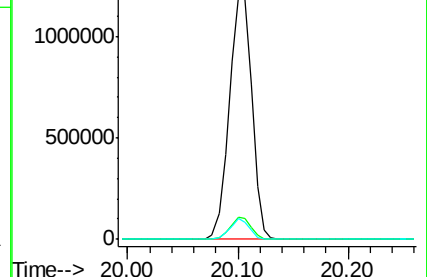
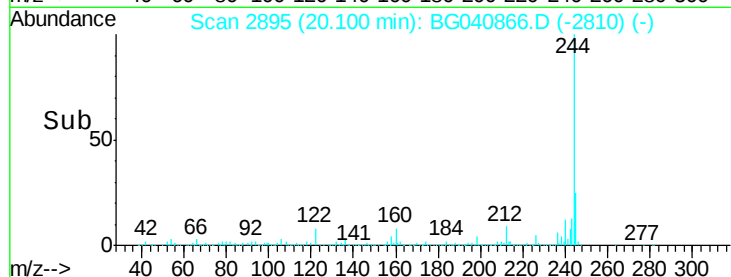
122 8.3 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.637 ng

RT: 20.78 min Scan# 3011

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

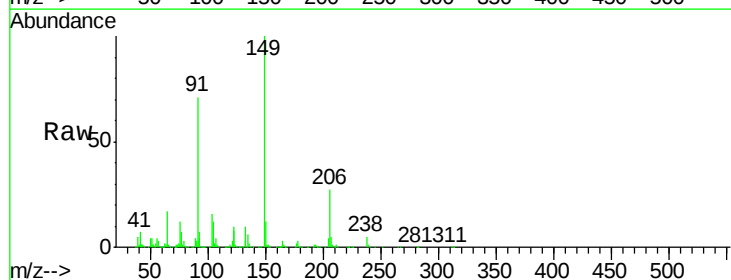
Tgt Ion:149 Resp: 456936

Ion Ratio Lower Upper

149 100

91 70.7 62.6 93.8

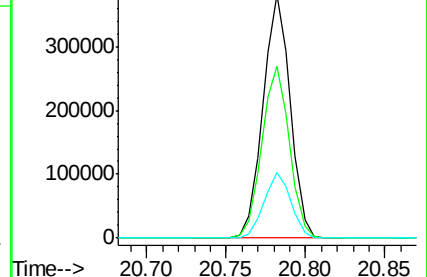
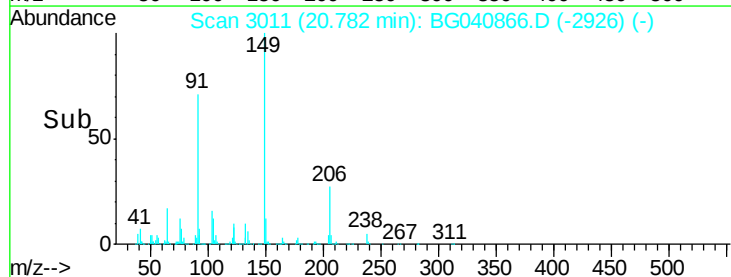
206 27.0 19.4 29.2

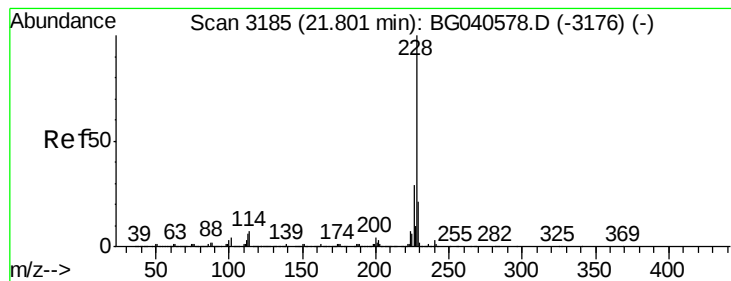


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.374 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

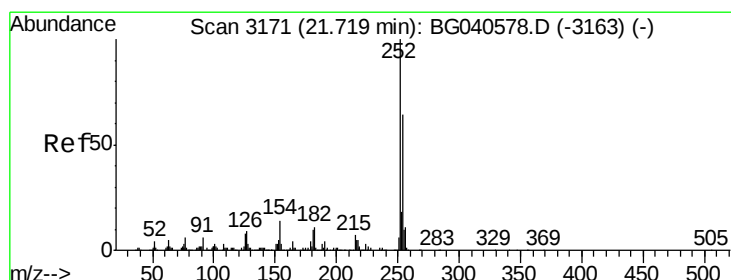
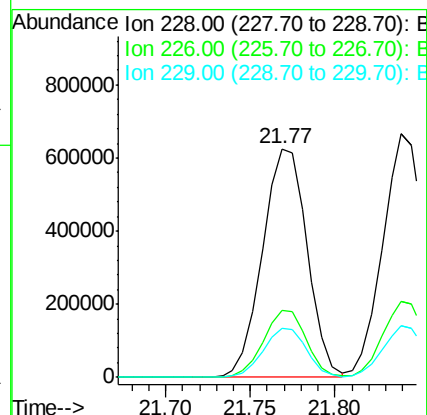
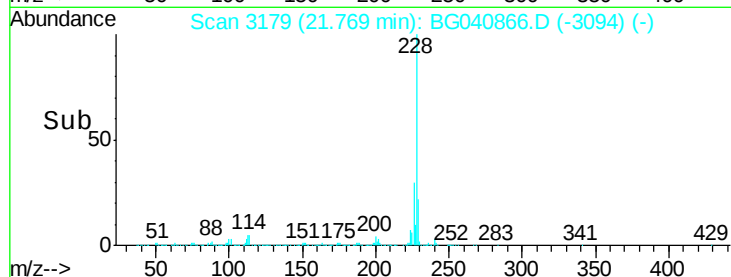
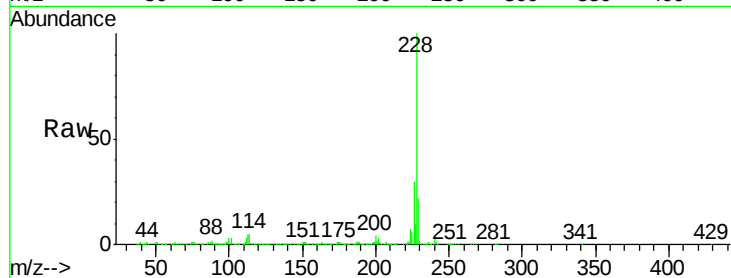
Tgt Ion:228 Resp: 1148737

Ion Ratio Lower Upper

228 100

226 29.5 23.1 34.7

229 21.5 17.0 25.4



#82

3,3'-Dichlorobenzidine

Concen: 17.236 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.04 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

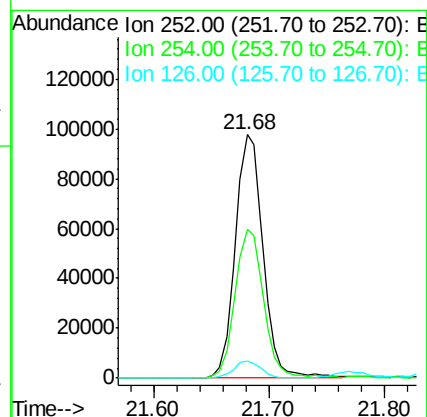
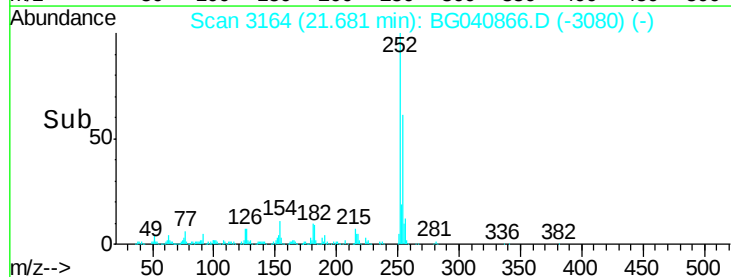
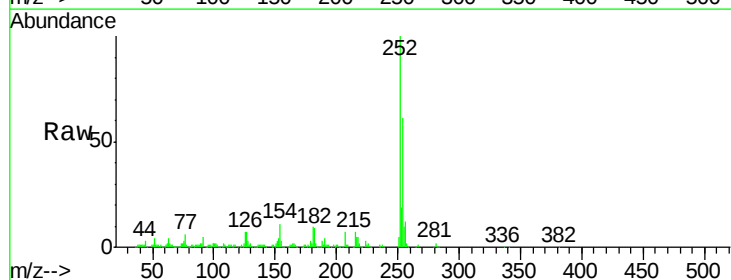
Tgt Ion:252 Resp: 162703

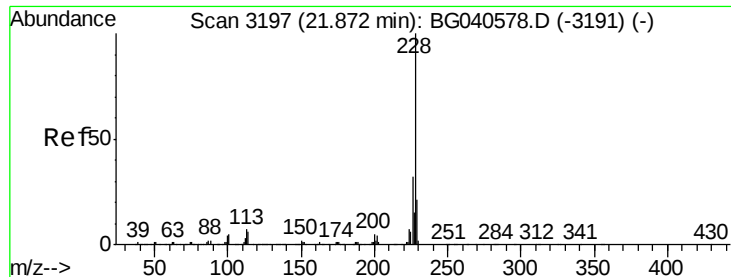
Ion Ratio Lower Upper

252 100

254 61.2 51.2 76.8

126 7.0 6.6 10.0





#83

Chrysene

Concen: 45.076 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.03 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

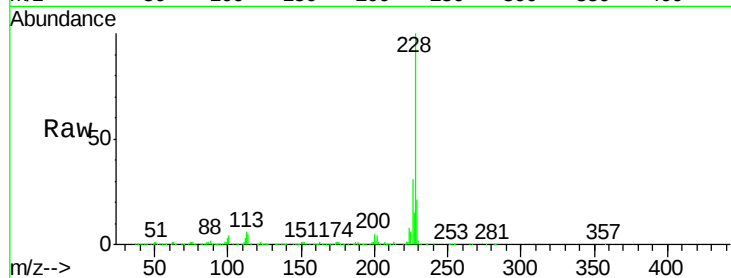
BNA_G

ClientSampleId :

72-11995MSD

Tgt Ion:228 Resp: 1135341

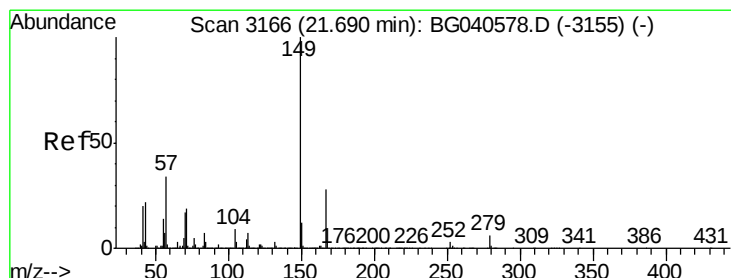
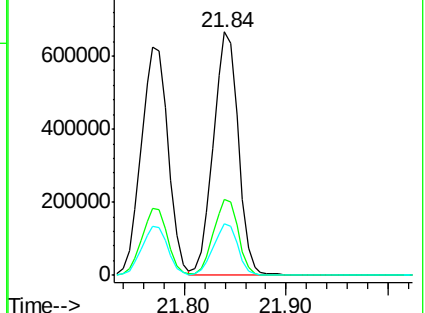
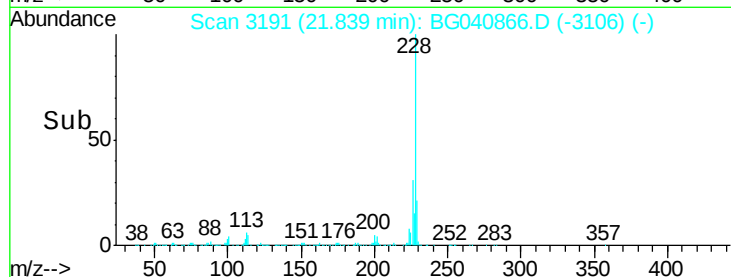
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.5	38.3
229	21.3	16.8	25.2



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: 42.007 ng

RT: 21.64 min Scan# 3157

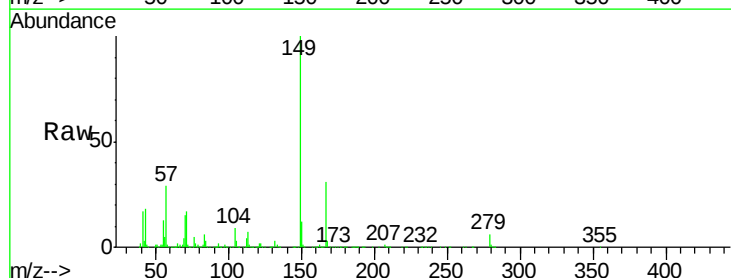
Delta R.T. -0.05 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Tgt Ion:149 Resp: 620723

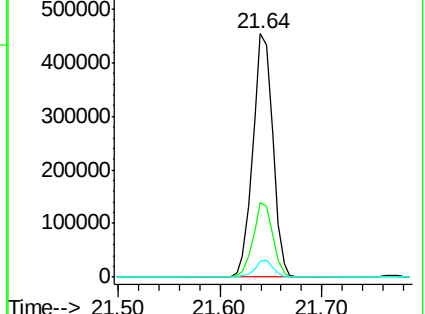
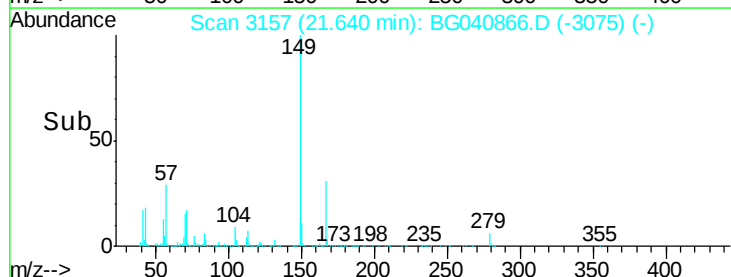
Ion	Ratio	Lower	Upper
149	100		
167	30.8	22.4	33.6
279	6.3	4.6	6.8



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

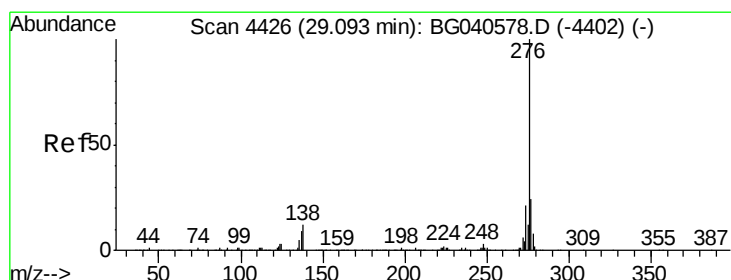
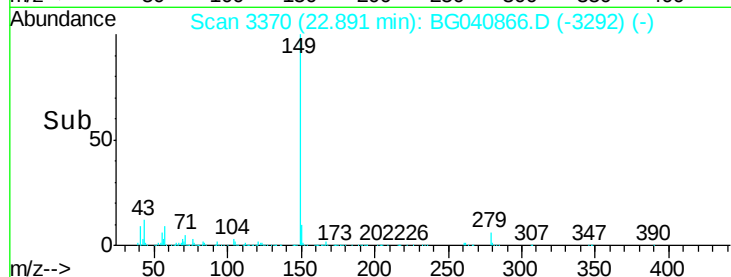
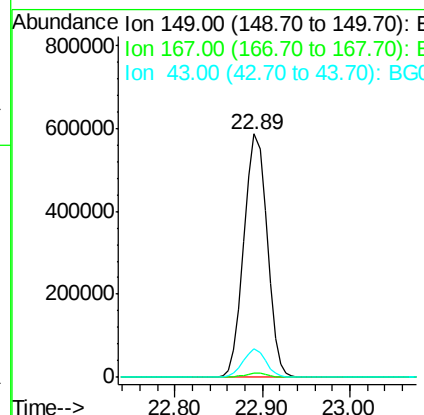
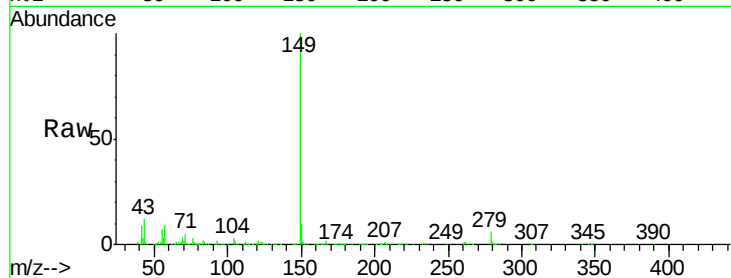




#85
Di-n-octyl phthalate
Concen: 42.234 ng
RT: 22.89 min Scan# 3370
Delta R.T. -0.07 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

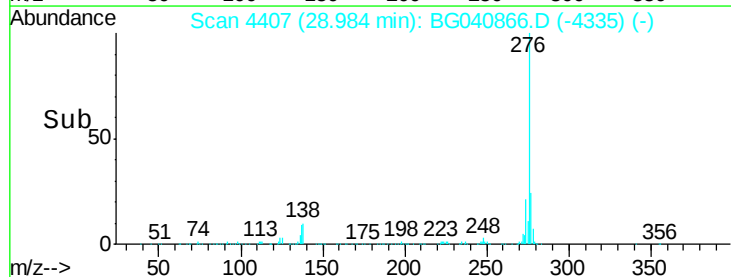
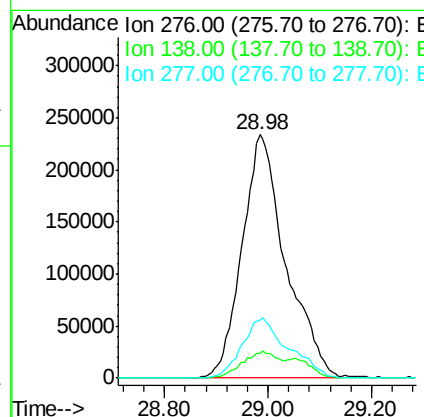
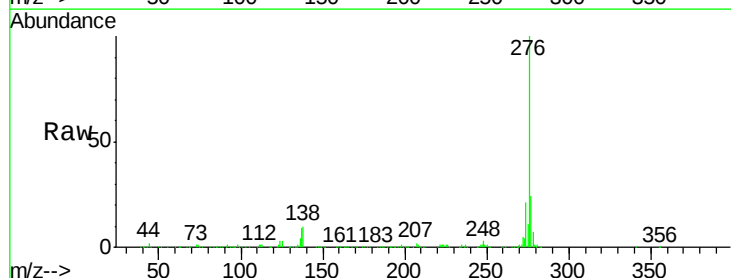
Instrument :
BNA_G
ClientSampleId :
72-11995MSD

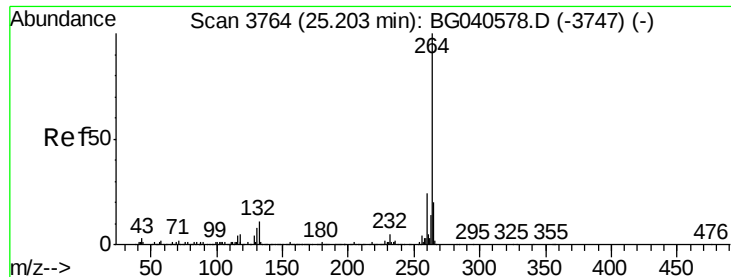
Tgt Ion:149 Resp: 1051018
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.9 10.2 15.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.896 ng
RT: 28.98 min Scan# 4407
Delta R.T. -0.11 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion:276 Resp: 1367205
Ion Ratio Lower Upper
276 100
138 9.2 9.8 14.6#
277 26.2 17.3 25.9#

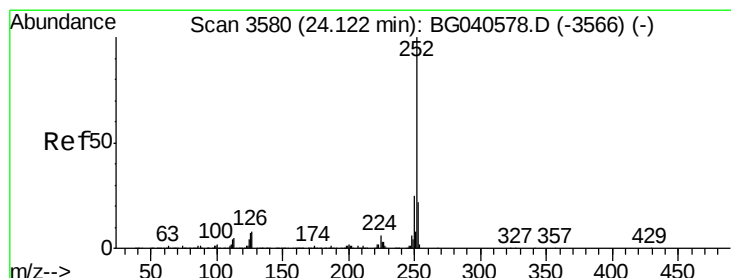
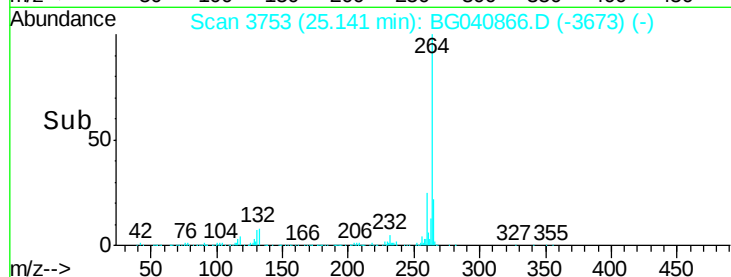
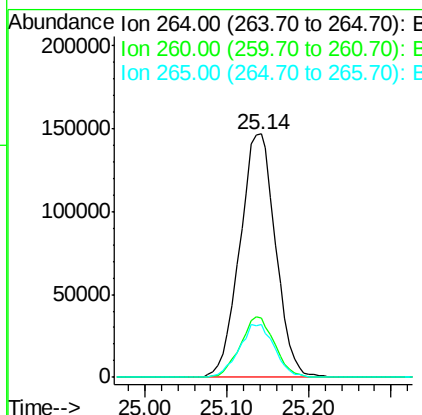
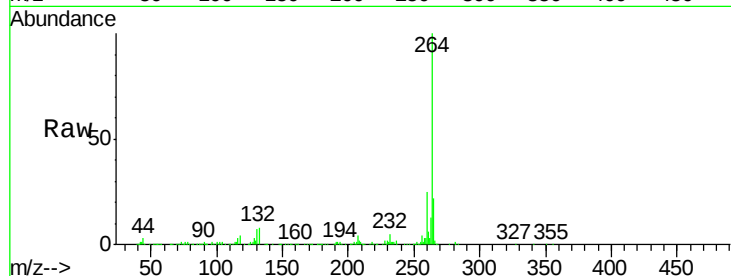




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3753
Delta R.T. -0.06 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

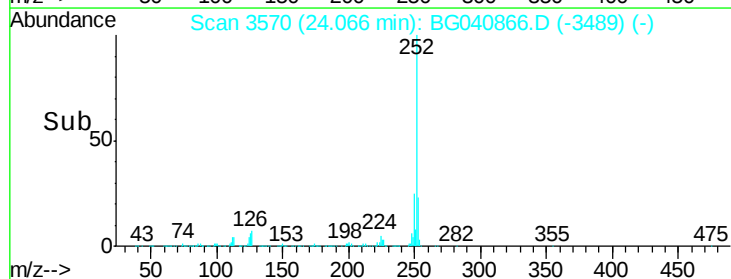
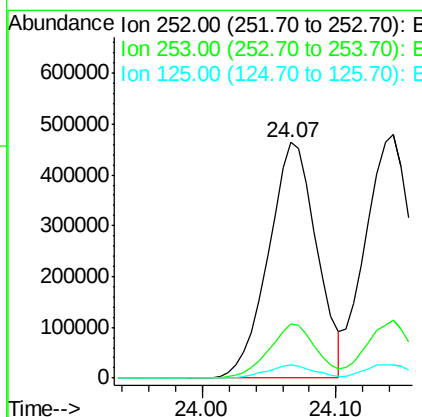
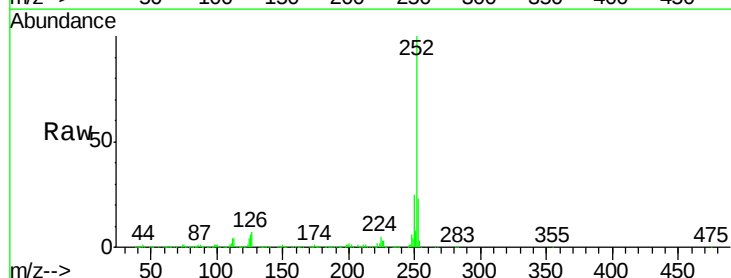
Instrument :
BNA_G
ClientSampleId :
72-11995MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	16.6	25.0



#88
Benzo(b)fluoranthene
Concen: 42.821 ng
RT: 24.07 min Scan# 3570
Delta R.T. -0.06 min
Lab File: BG040866.D
Acq: 11 May 2019 4:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	5.7	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 45.217 ng m

RT: 24.14 min Scan# 3583

Delta R.T. -0.05 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

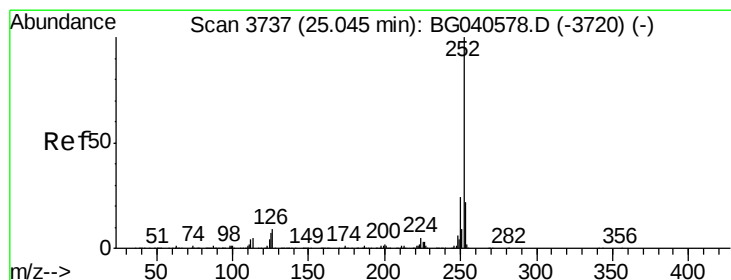
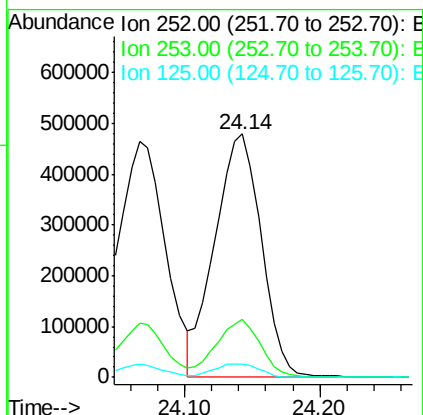
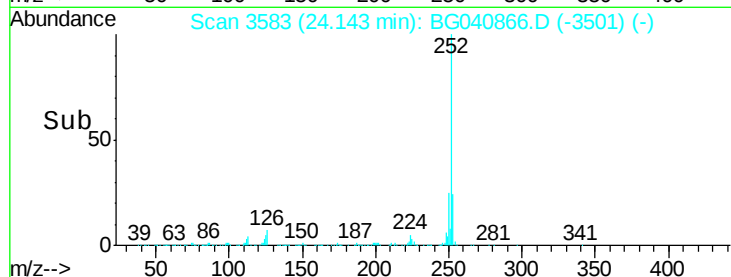
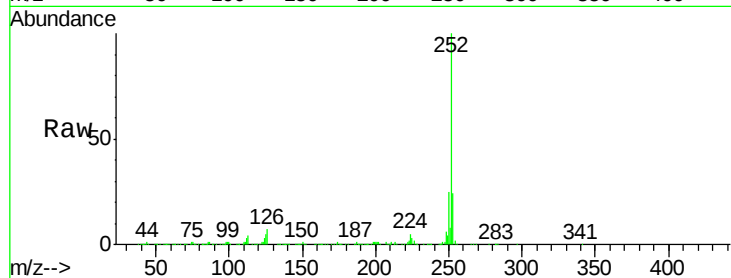
Tgt Ion:252 Resp: 1149093

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

125 5.3 5.5 8.3#



#90

Benzo(a)pyrene

Concen: 44.229 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.06 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

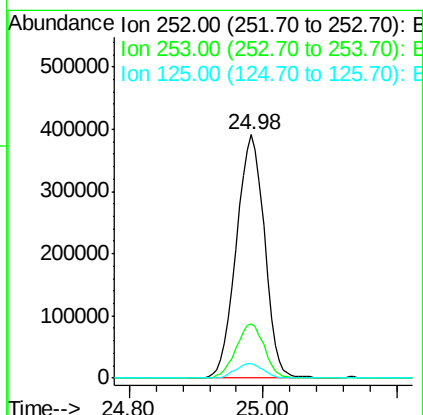
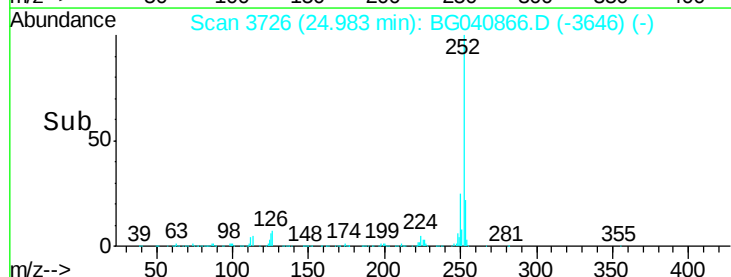
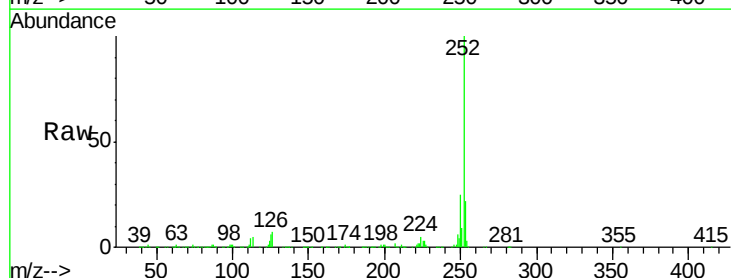
Tgt Ion:252 Resp: 1139242

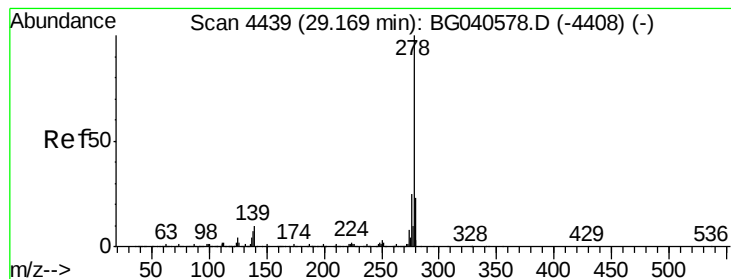
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 5.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 43.624 ng

RT: 29.06 min Scan# 4420

Delta R.T. -0.11 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

72-11995MSD

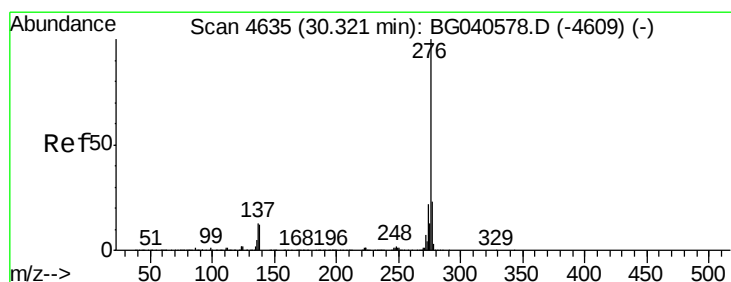
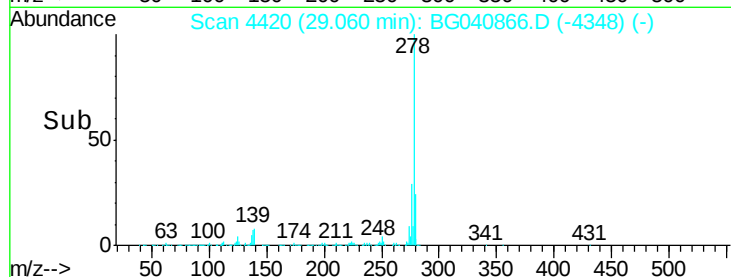
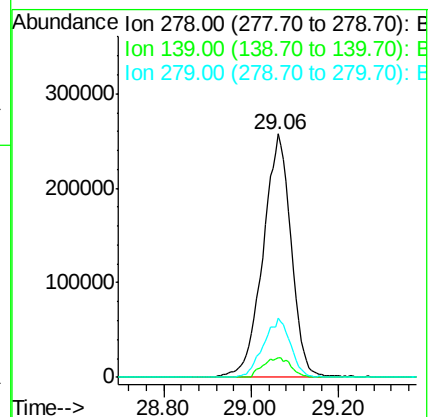
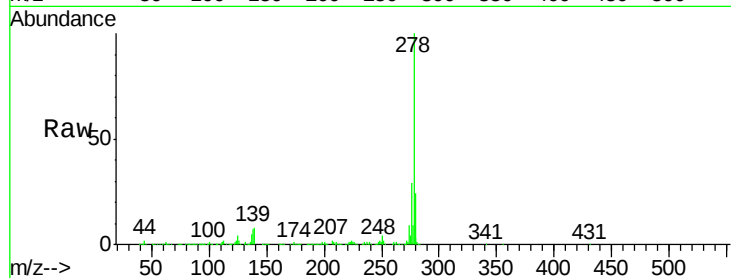
Tgt Ion:278 Resp: 1137126

Ion Ratio Lower Upper

278 100

139 8.1 8.2 12.4#

279 24.3 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 43.912 ng

RT: 30.21 min Scan# 4615

Delta R.T. -0.11 min

Lab File: BG040866.D

Acq: 11 May 2019 4:16

Tgt Ion:276 Resp: 1139178

Ion Ratio Lower Upper

276 100

277 24.6 18.4 27.6

138 10.4 9.8 14.6

