

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
 Data File : BG040594.D
 Acq On : 24 Apr 2019 15:23
 Operator : JU/SJ
 Sample : K2522-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 01:00:26 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	8.16	152	49208	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	196909	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	142902	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	374202	20.00	ng	0.00
76) Chrysene-d12	21.82	240	397194	20.00	ng	0.00
87) Perylene-d12	25.20	264	418903	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	178573	63.97	ng	0.00
7) Phenol-d6	7.29	99	175057	40.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	370084	86.84	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	252132	128.36	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	827282	83.61	ng	0.00
79) Terphenyl-d14	20.13	244	1683971	93.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.55	88	199	0.157	ng	# 1
3) Pyridine	3.96	79	219	0.060	ng	# 1
4) n-Nitrosodimethylamine	3.87	42	334	0.164	ng	# 1
6) Aniline	7.49	93	122	0.021	ng	# 39
8) 2-Chlorophenol	7.68	128	132	0.039	ng	# 1
9) Benzaldehyde	7.29	77	671	Below Cal		# 20
10) Phenol	7.34	94	210	0.045	ng	# 33
11) bis(2-Chloroethyl)ether	7.59	93	198	0.057	ng	# 4
12) 1,3-Dichlorobenzene	8.47	146	65	0.017	ng	# 1
13) 1,4-Dichlorobenzene	8.47	146	65	0.017	ng	# 1
14) 1,2-Dichlorobenzene	8.47	146	65	0.018	ng	# 1
15) Benzyl Alcohol	8.38	79	536	0.120	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	8.62	45	118	0.017	ng	# 72
17) 2-Methylphenol	8.67	107	184	0.056	ng	# 45
18) Hexachloroethane	9.23	117	54	0.035	ng	# 1
19) n-Nitroso-di-n-propylamine	9.33	70	55637	14.380	ng	# 75
20) 3+4-Methylphenols	8.89	107	79	0.017	ng	# 20
22) Acetophenone	8.99	105	53	0.010	ng	# 14
24) Nitrobenzene	9.39	77	151	0.033	ng	# 47
25) Isophorone	9.90	82	614	0.065	ng	# 26
26) 2-Nitrophenol	9.90	139	57	0.035	ng	# 23
27) 2,4-Dimethylphenol	10.19	122	54	0.018	ng	# 1
28) bis(2-Chloroethoxy)methane	10.36	93	388	0.081	ng	# 47
30) 1,2,4-Trichlorobenzene	10.70	180	74	0.019	ng	# 13
31) Naphthalene	11.09	128	54	0.005	ng	# 68
32) Benzoic acid	10.19	122	54	0.026	ng	# 1
33) 4-Chloroaniline	11.13	127	56	0.012	ng	# 1
34) Hexachlorobutadiene	10.86	225	55	0.019	ng	# 19
35) Caprolactam	11.93	113	116	0.085	ng	# 6
36) 4-Chloro-3-methylphenol	12.19	107	65	0.015	ng	# 25
40) 1,2,4,5-Tetrachlorobenzene	13.12	216	57	0.011	ng	# 25
41) Hexachlorocyclopentadiene	12.88	237	62	0.020	ng	# 27
43) 2,4,6-Trichlorophenol	12.92	196	67	0.021	ng	# 13
44) 2,4,5-Trichlorophenol	12.92	196	67	0.019	ng	# 15

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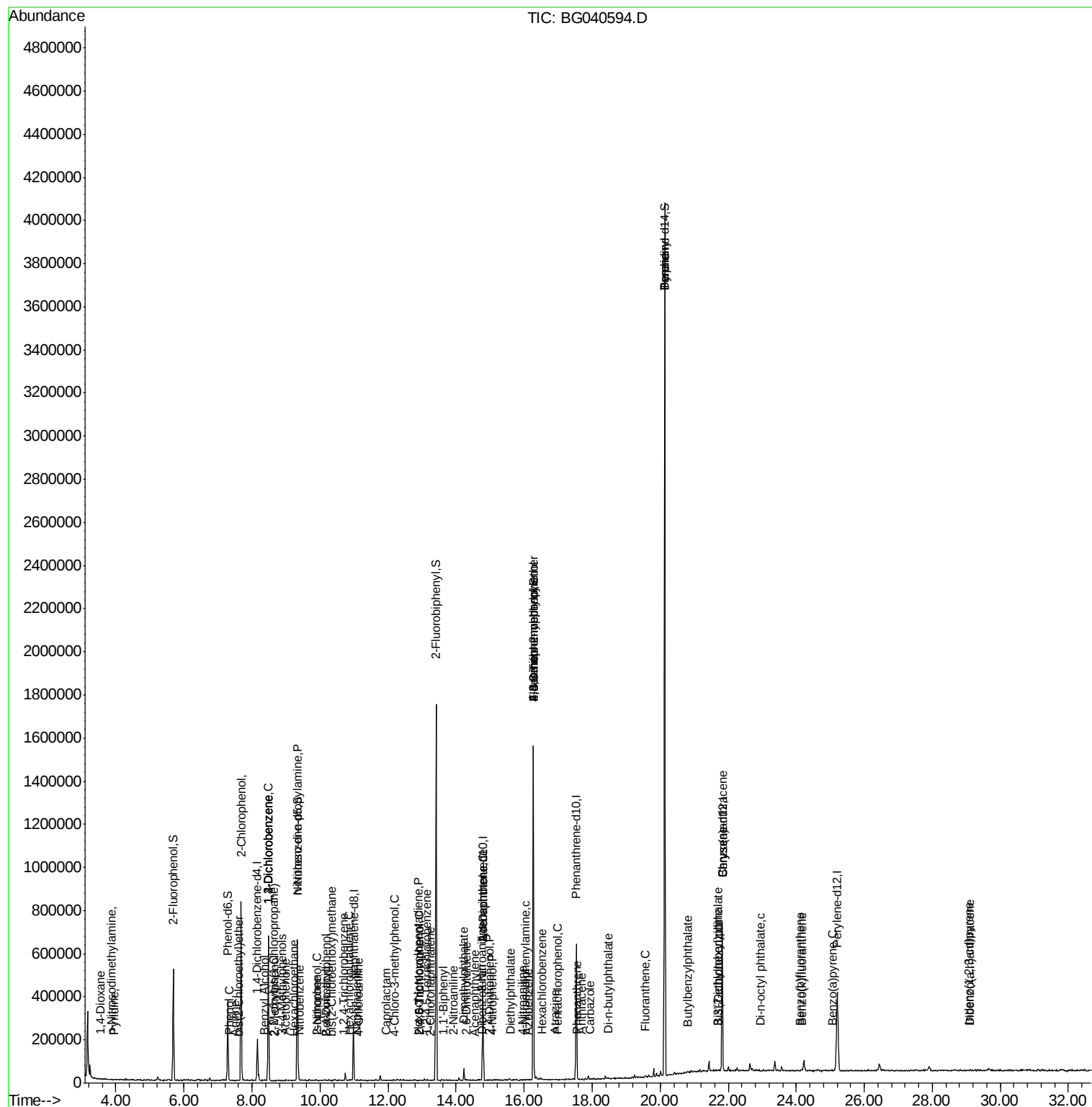
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.63	154	1416	0.128	nq	74
47) 2-Chloronaphthalene	13.23	162	61	0.007	nq	# 37
48) 2-Nitroaniline	13.91	65	112	0.036	nq	# 14
49) Acenaphthylene	14.56	152	56	0.004	nq	# 59
50) Dimethylphthalate	14.23	163	31273	2.616	nq	99
51) 2,6-Dinitrotoluene	14.30	165	674	0.289	nq	# 33
52) Acenaphthene	14.79	154	725	0.085	nq	# 2
53) 3-Nitroaniline	14.77	138	59	0.025	nq	# 1
54) 2,4-Dinitrophenol	14.97	184	63	7.058	nq	# 21
55) Dibenzofuran	14.74	168	57	0.004	nq	# 42
56) 4-Nitrophenol	15.06	139	57	0.027	nq	# 1
57) 2,4-Dinitrotoluene	14.79	165	19133	6.034	nq	# 16
58) Fluorene	16.27	166	7948	0.700	nq	# 91
60) Diethylphthalate	15.59	149	2311	0.183	nq	# 83
62) 4-Nitroaniline	15.97	138	62	0.023	nq	# 1
63) Azobenzene	16.11	77	198	0.015	nq	# 47
65) 4,6-Dinitro-2-methylphenol	16.27	198	1013	7.569	nq	92
66) n-Nitrosodiphenylamine	16.04	169	555	0.050	nq	# 74
67) 4-Bromophenyl-phenylether	16.27	248	19170	4.112	nq	# 1
68) Hexachlorobenzene	16.53	284	53	0.011	nq	# 42
69) Atrazine	16.91	200	68	0.016	nq	# 35
70) Pentachlorophenol	16.98	266	54	0.019	nq	# 18
71) Phenanthrene	17.57	178	652	0.032	nq	# 61
72) Anthracene	17.68	178	109	0.005	nq	# 59
73) Carbazole	17.94	167	53	0.003	nq	# 58
74) Di-n-butylphthalate	18.48	149	2769	0.124	nq	# 96
75) Fluoranthene	19.57	202	349	0.014	nq	63
77) Benzidine	20.13	184	34490	3.171	nq	# 90
78) Pvrene	20.13	202	7787	0.313	nq	# 75
80) Butylbenzylphthalate	20.82	149	3336	0.344	nq	# 75
81) Benzo(a)anthracene	21.82	228	1622	0.065	nq	# 40
82) 3,3'-Dichlorobenzidine	21.70	252	60	0.007	nq	# 25
83) Chrysene	21.82	228	1622	0.068	nq	# 39
84) Bis(2-ethylhexyl)phthalate	21.69	149	705	0.050	nq	# 53
85) Di-n-octyl phthalate	22.94	149	362	0.015	nq	# 71
86) Indeno(1,2,3-cd)pyrene	29.08	276	75	0.003	nq	# 60
88) Benzo(b)fluoranthene	24.11	252	268	0.010	nq	# 60
89) Benzo(k)fluoranthene	24.17	252	64	0.003	nq	# 1
90) Benzo(a)pyrene	25.06	252	74	0.003	nq	# 60
91) Dibenzo(a,h)anthracene	29.10	278	78	0.003	nq	# 59

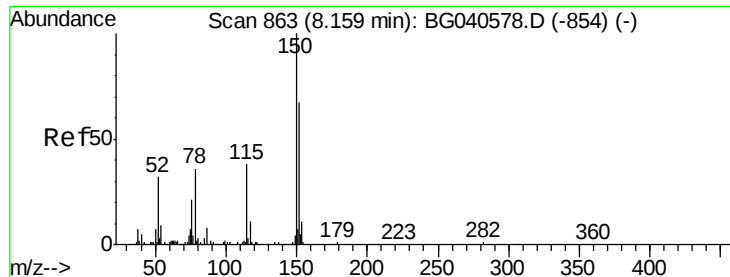
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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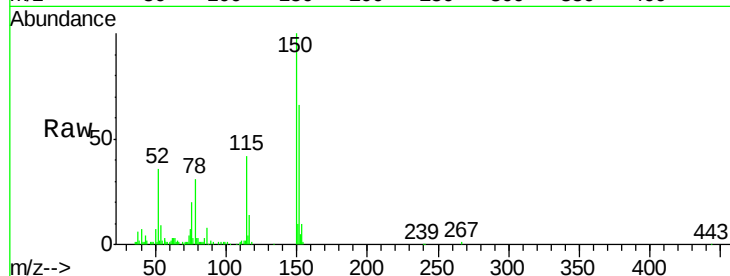


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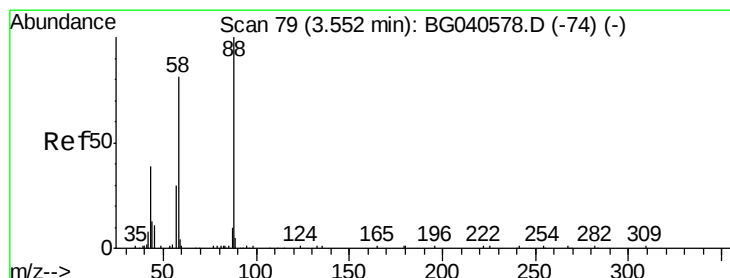
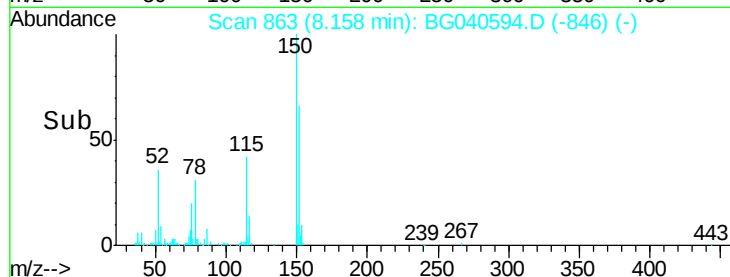
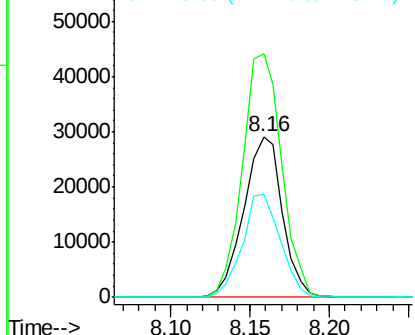
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 49208
Ion Ratio Lower Upper
152 100
150 151.7 120.2 180.2
115 63.7 46.2 69.2



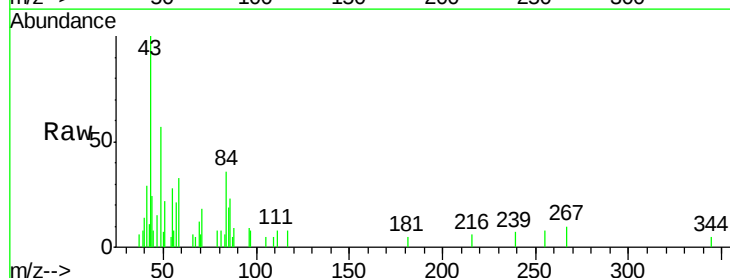
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



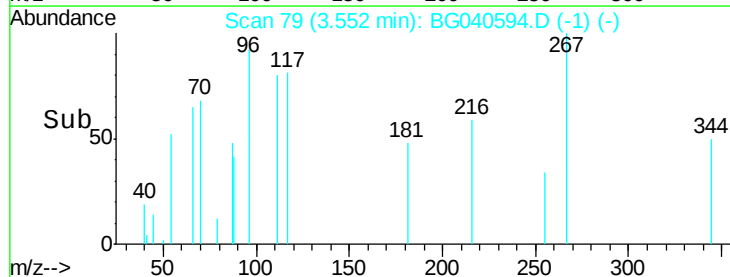
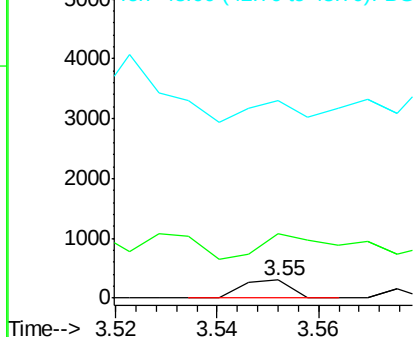
#2

1,4-Dioxane
Concen: 0.157 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Tgt Ion: 88 Resp: 199
Ion Ratio Lower Upper
88 100
58 314.6 71.2 106.8#
43 0.0 35.6 53.4#



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





#3

Pvridine

Concen: 0.060 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

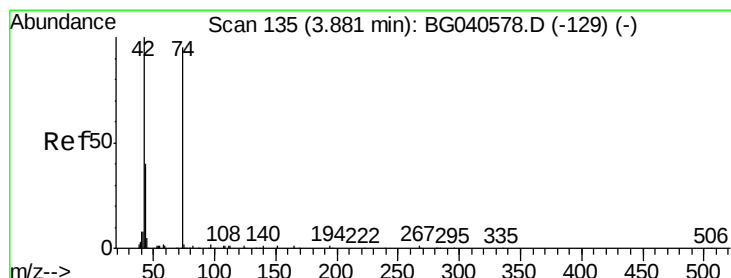
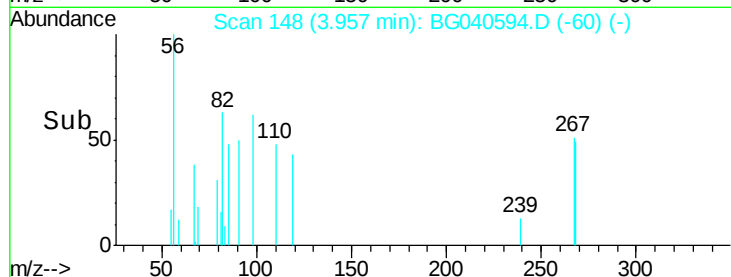
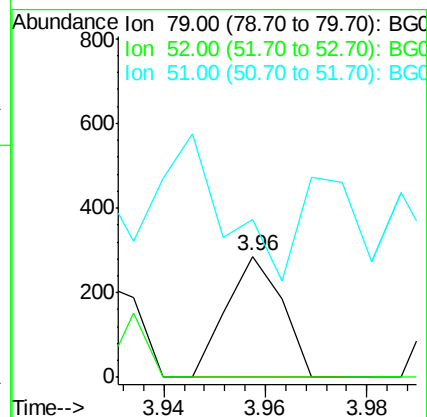
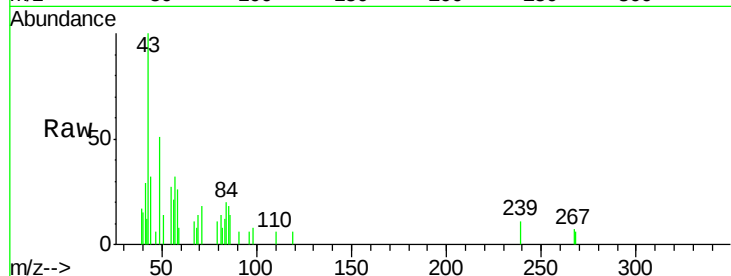
Tot Ion: 79 Resp: 219

Ion Ratio Lower Upper

79 100

52 0.0 67.5 101.3#

51 130.4 35.6 53.4#



#4

n-Nitrosodimethylamine

Concen: 0.164 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

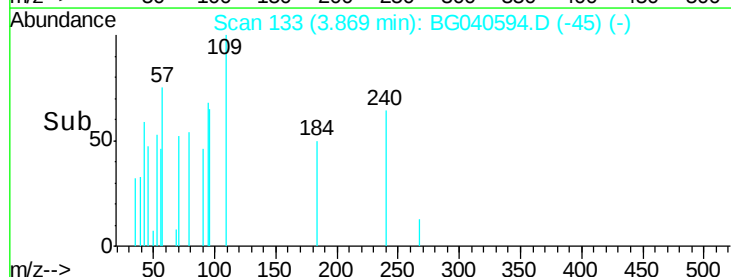
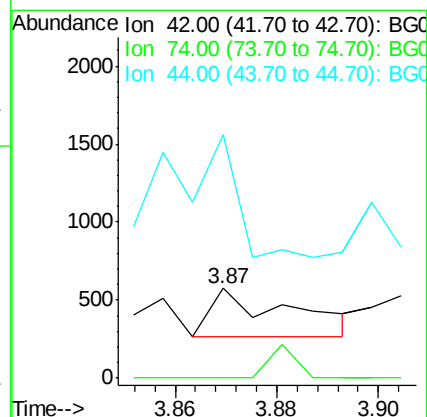
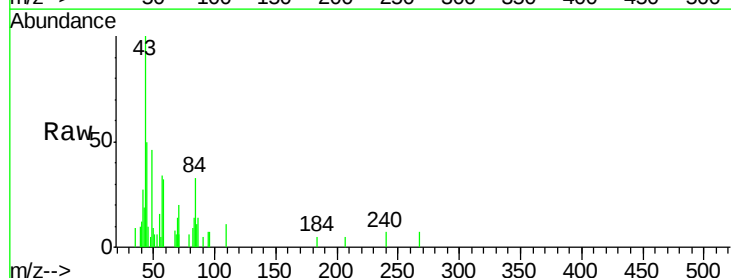
Tgt Ion: 42 Resp: 334

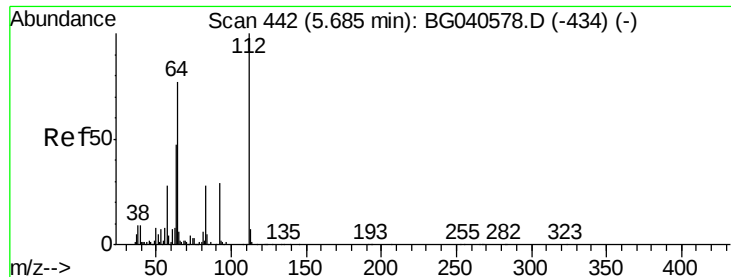
Ion Ratio Lower Upper

42 100

74 0.0 74.6 111.8#

44 271.0 7.4 11.0#





#5

2-Fluorophenol

Concen: 63.970 ng

RT: 5.68 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

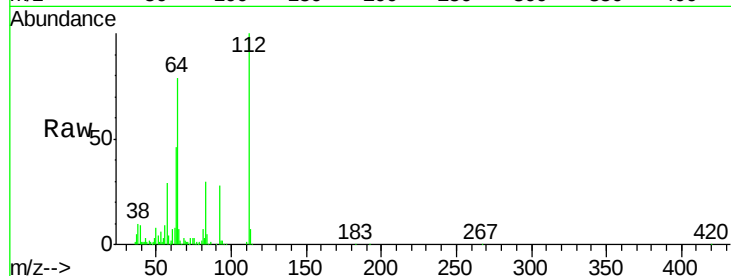
Tot Ion:112 Resp: 178573

Ion Ratio Lower Upper

112 100

64 79.2 61.4 92.0

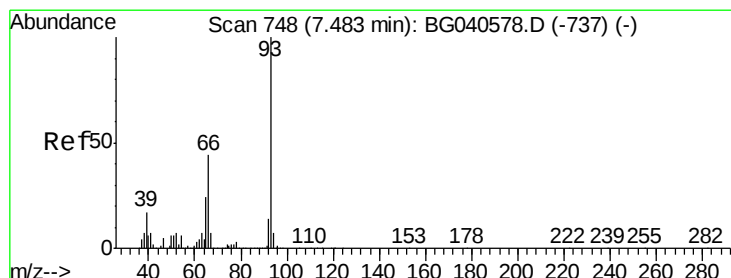
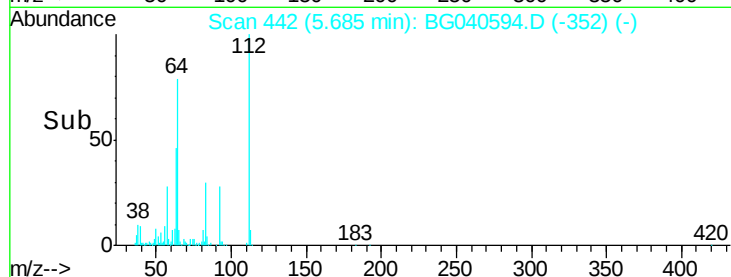
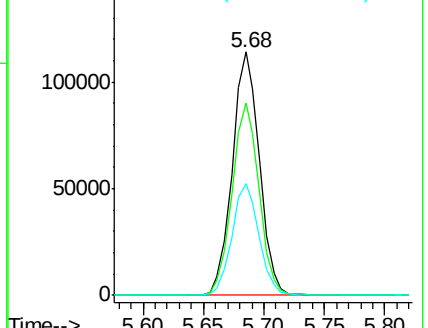
63 45.8 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.021 ng

RT: 7.49 min Scan# 750

Delta R.T. 0.01 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

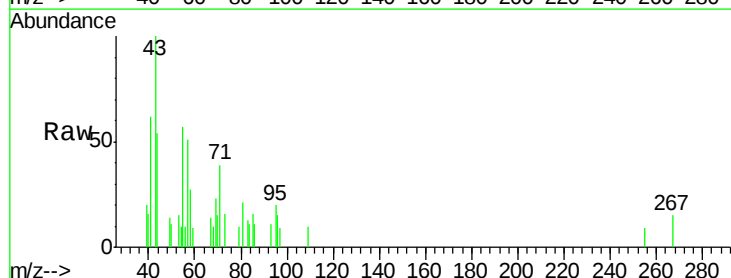
Tgt Ion: 93 Resp: 122

Ion Ratio Lower Upper

93 100

66 0.0 35.5 53.3#

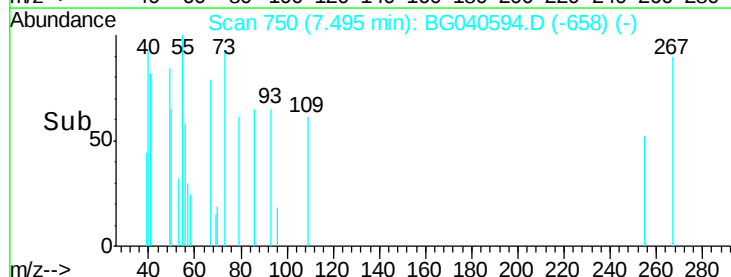
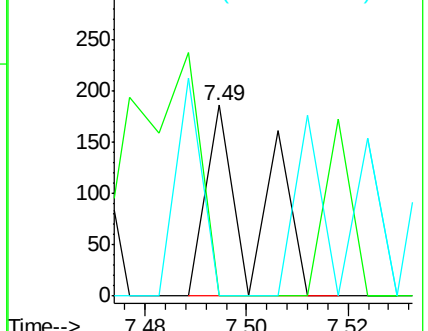
65 0.0 19.2 28.8#

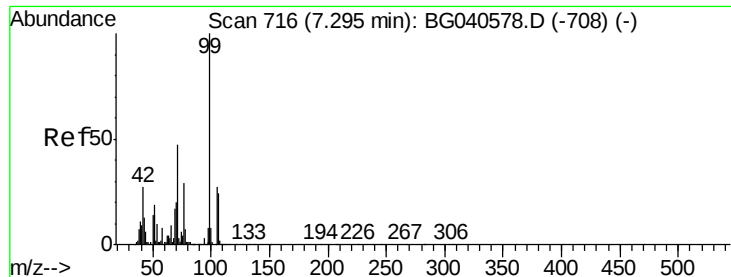


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 40.728 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

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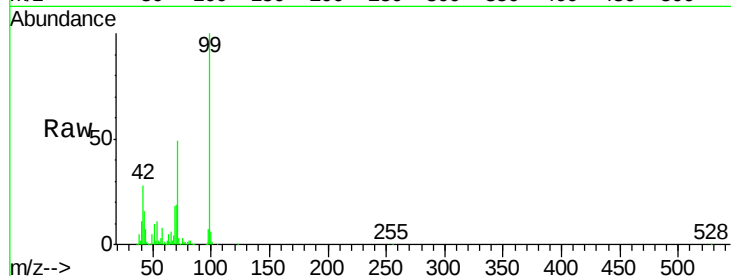
Tot Ion: 99 Resp: 175057

Ion Ratio Lower Upper

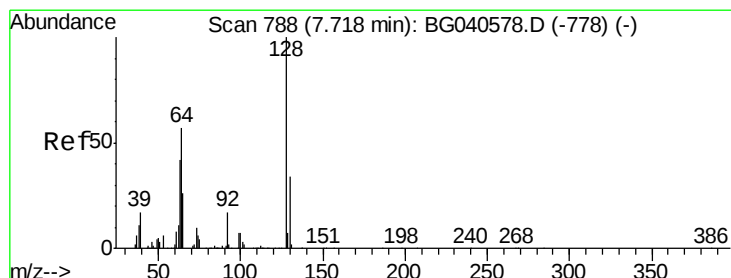
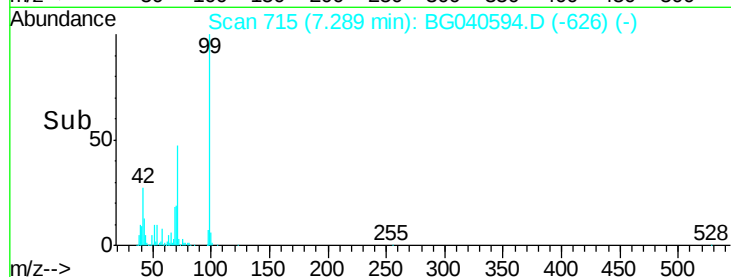
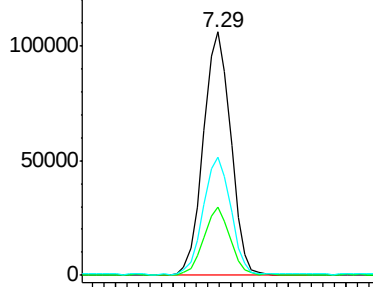
99 100

42 27.8 21.8 32.8

71 48.5 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: 0.039 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.04 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

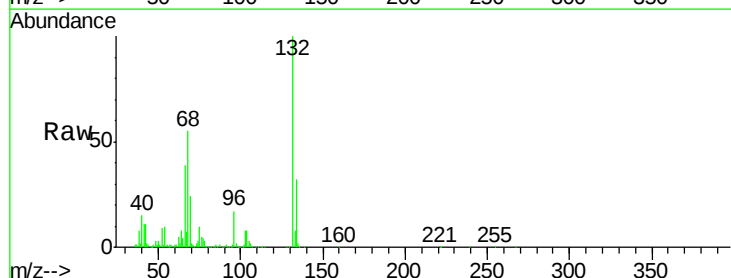
Tgt Ion: 128 Resp: 132

Ion Ratio Lower Upper

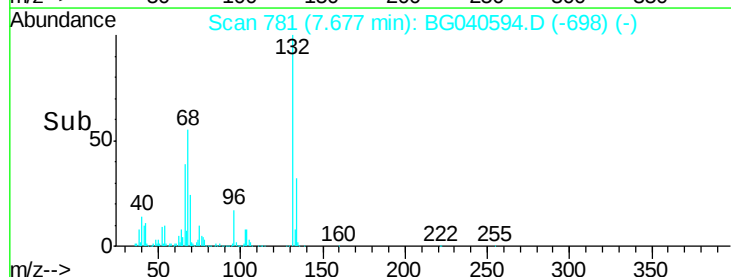
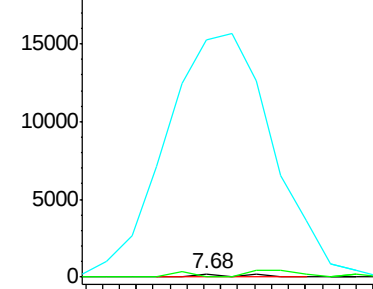
128 100

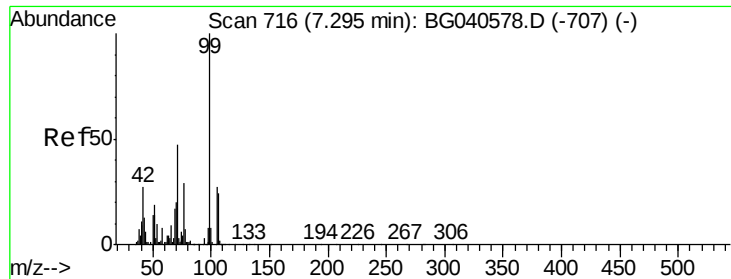
130 0.0 14.5 54.5#

64 7450.2 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: Below Cal

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040594.D

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ClientSampled :

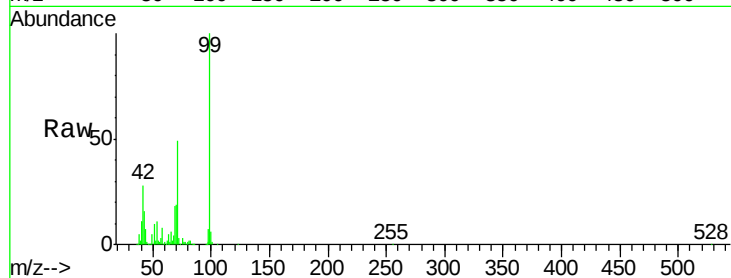
Tot Ion: 77 Resp: 671

Ion Ratio Lower Upper

77 100

105 25.9 72.0 112.0#

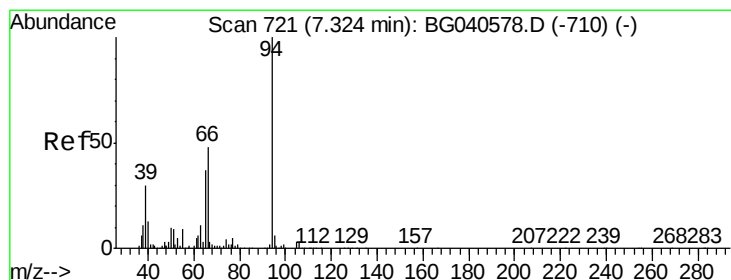
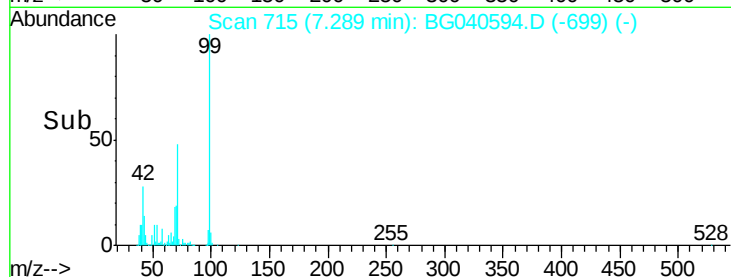
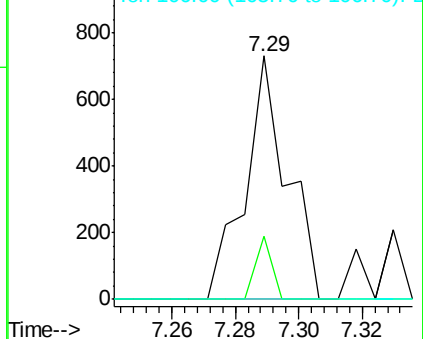
106 0.0 61.2 101.2#



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: 0.045 ng

RT: 7.34 min Scan# 723

Delta R.T. 0.01 min

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Acq: 24 Apr 2019 15:23

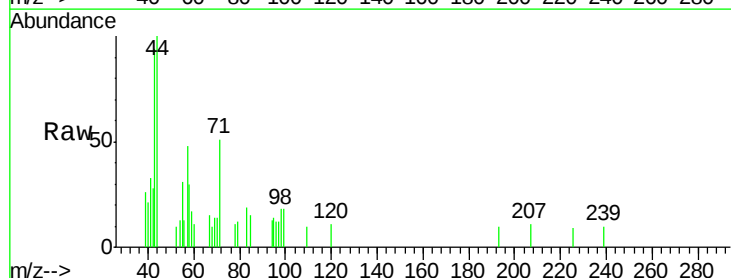
Tgt Ion: 94 Resp: 210

Ion Ratio Lower Upper

94 100

65 0.0 17.0 57.0#

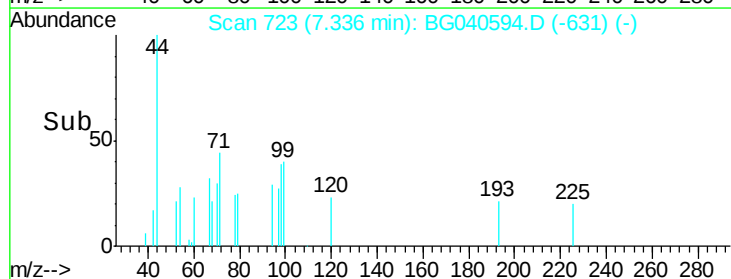
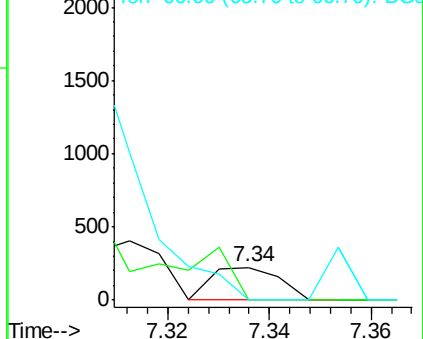
66 0.0 28.6 68.6#

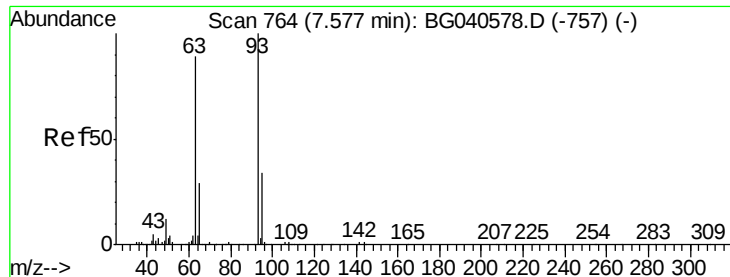


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

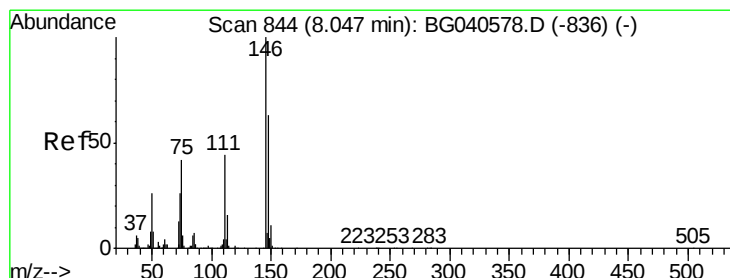
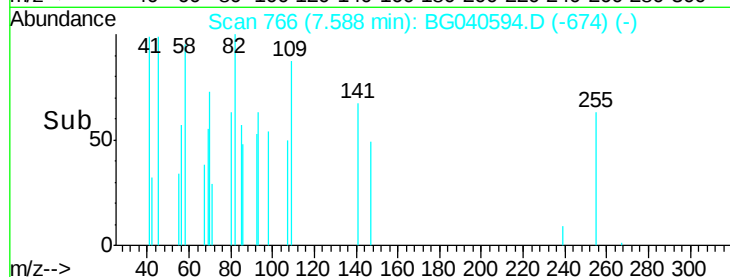
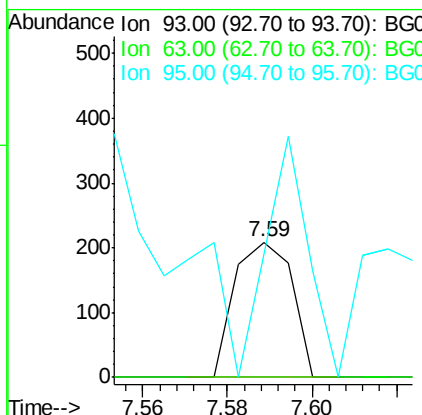
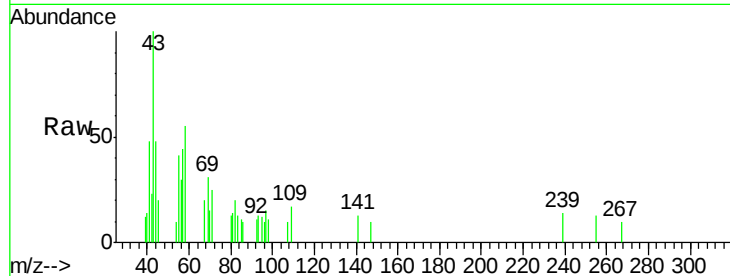




#11
bis(2-Chloroethyl)ether
Concen: 0.057 ng
RT: 7.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

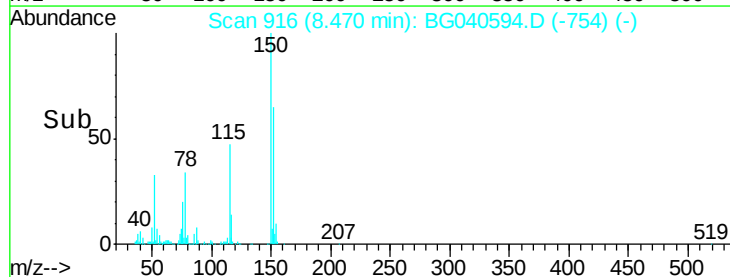
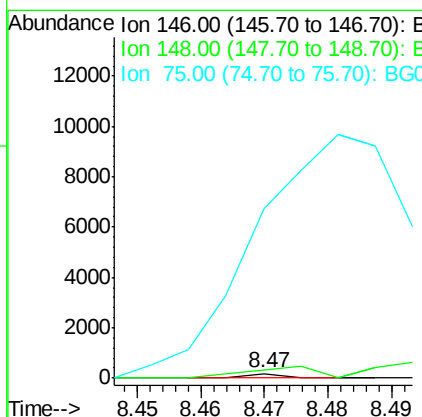
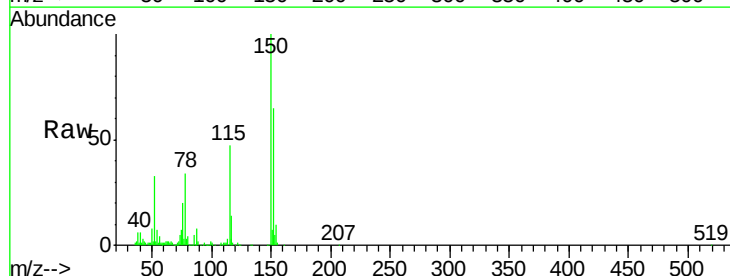
Instrument :
BNA_G
ClientSampleId :

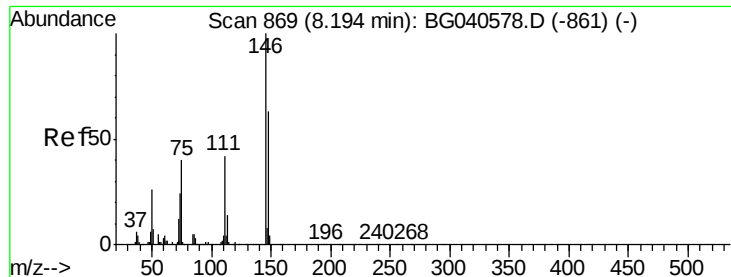
Tot Ion: 93 Resp: 198
Ion Ratio Lower Upper
93 100
63 0.0 68.2 108.2#
95 91.4 14.3 54.3#



#12
1,3-Dichlorobenzene
Concen: 0.017 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.42 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Tgt Ion: 146 Resp: 65
Ion Ratio Lower Upper
146 100
148 177.7 50.7 76.1#
75 3653.3 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 0.017 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.28 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

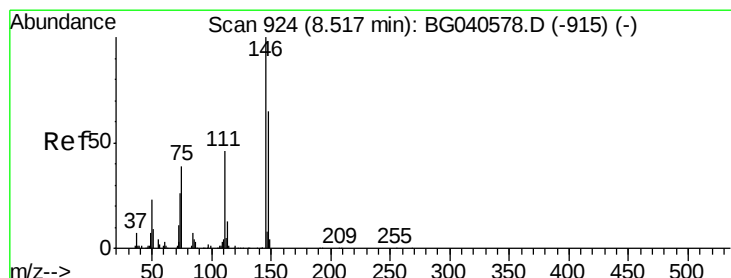
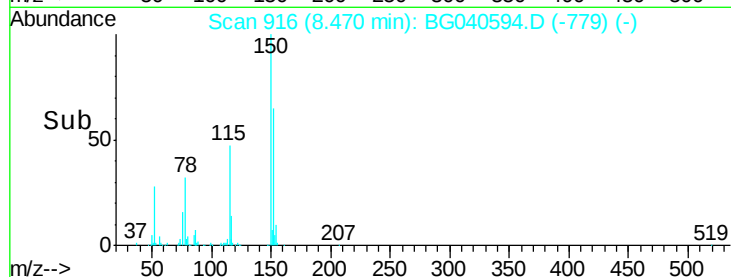
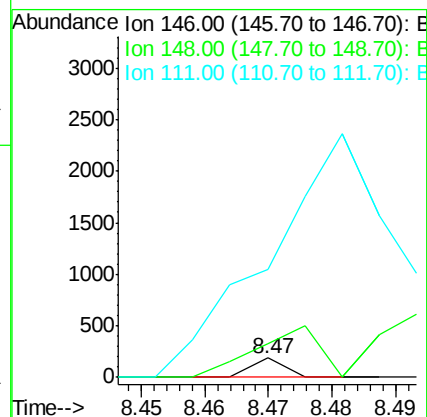
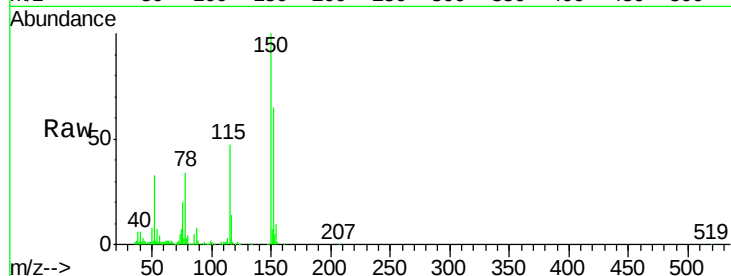
Tot Ion:146 Resp: 65

Ion Ratio Lower Upper

146 100

148 177.7 50.6 75.8#

111 567.4 34.3 51.5#



#14

1,2-Dichlorobenzene

Concen: 0.018 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.05 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

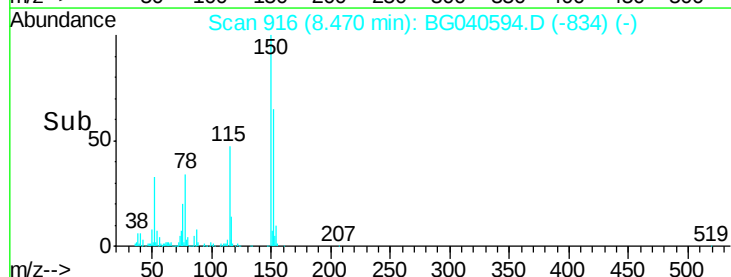
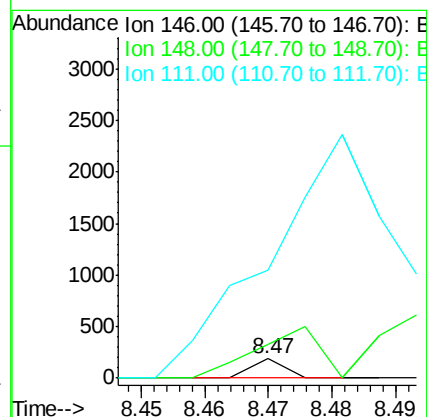
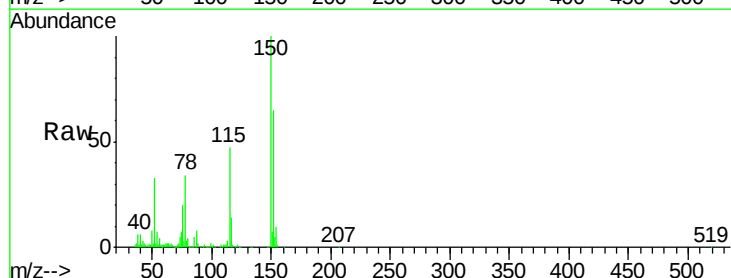
Tgt Ion:146 Resp: 65

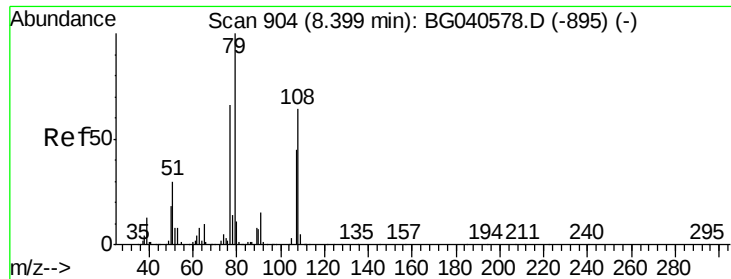
Ion Ratio Lower Upper

146 100

148 177.7 52.2 78.4#

111 567.4 37.4 56.0#





#15

Benzyl Alcohol

Concen: 0.120 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampled :

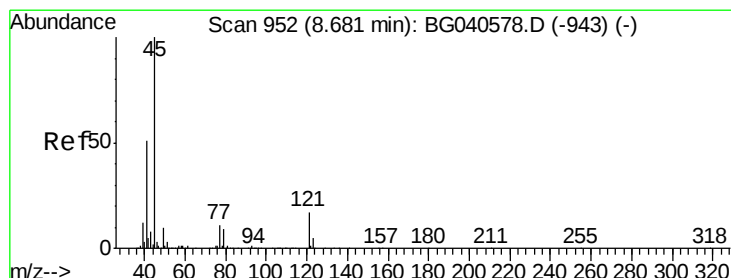
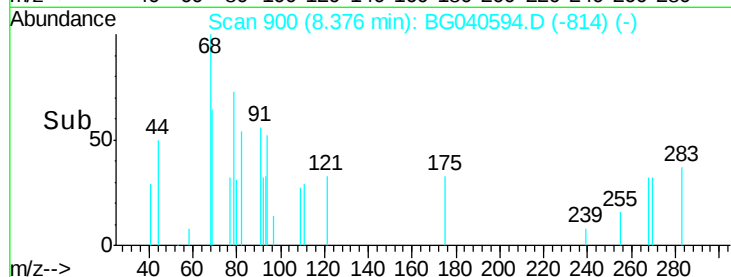
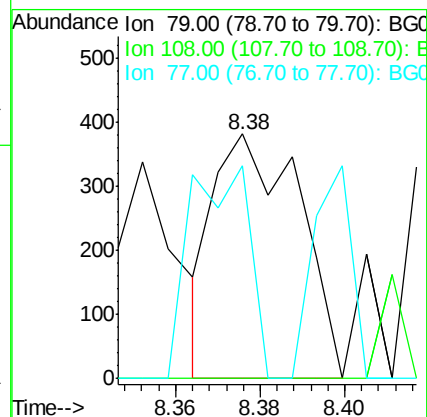
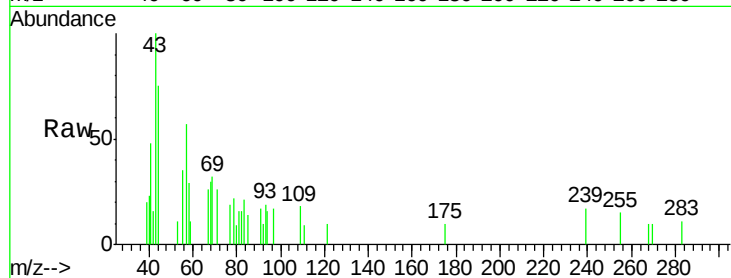
Tot Ion: 79 Resp: 536

Ion Ratio Lower Upper

79 100

108 0.0 51.4 77.0#

77 87.1 52.6 79.0#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.017 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.06 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

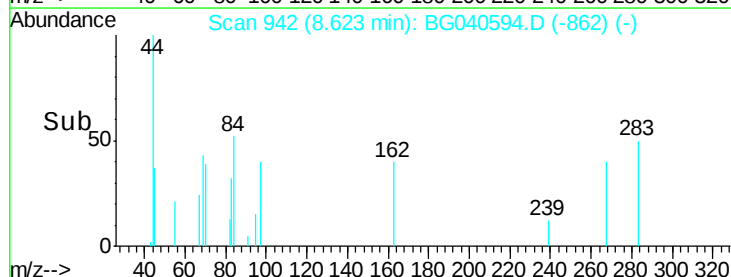
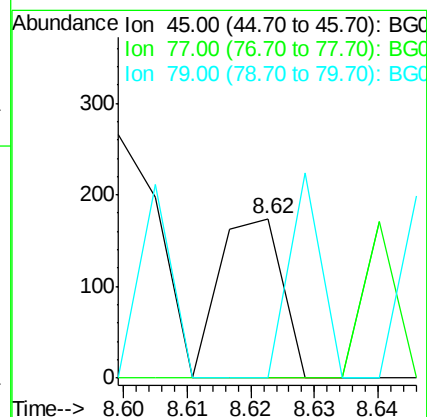
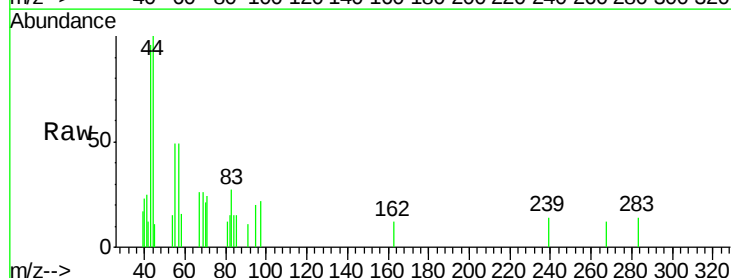
Tgt Ion: 45 Resp: 118

Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.5

79 0.0 0.0 29.4





#17

2-Methylphenol

Concen: 0.056 ng

RT: 8.67 min Scan# 950

Delta R.T. 0.08 min

Lab File: BG040594.D

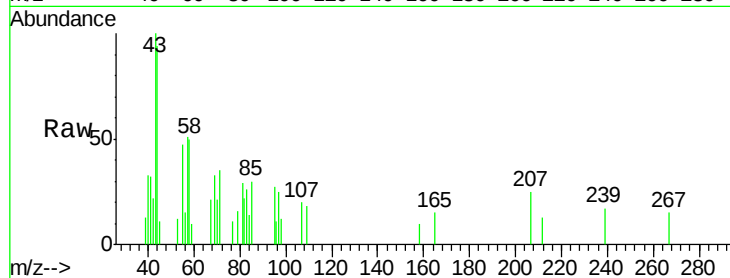
Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	184
Ion	Ratio	Lower	Upper
107	100		
108	0.0	81.2	121.8#
77	54.8	44.4	66.6
79	77.7	47.0	70.4#



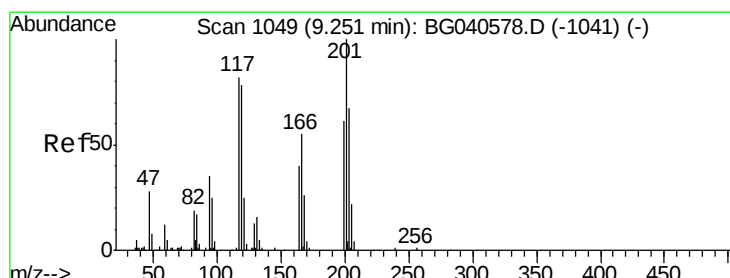
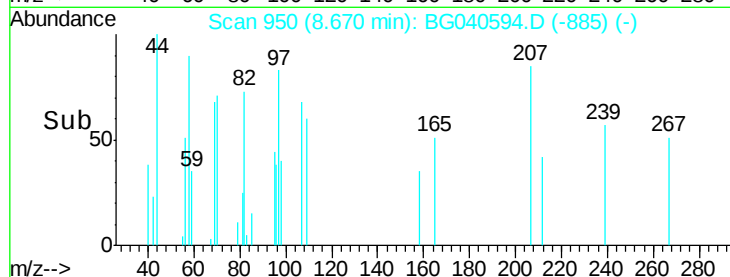
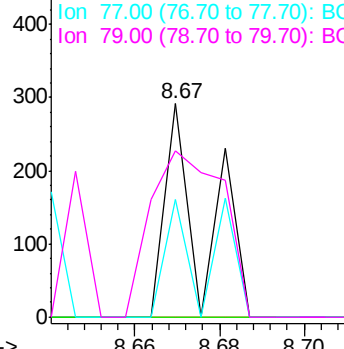
Abundance

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: 0.035 ng

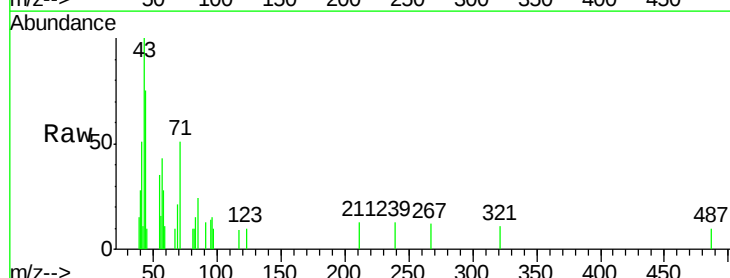
RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Tgt Ion:	117	Resp:	54
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	114.8#
201	0.0	101.0	151.6#

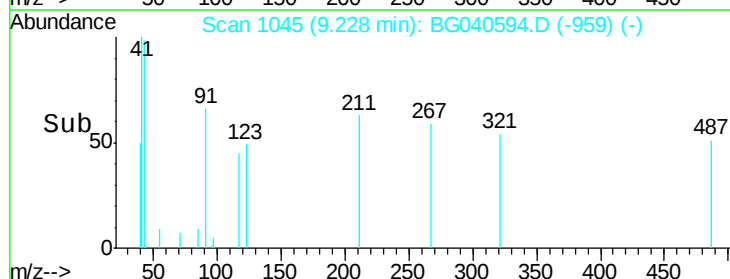
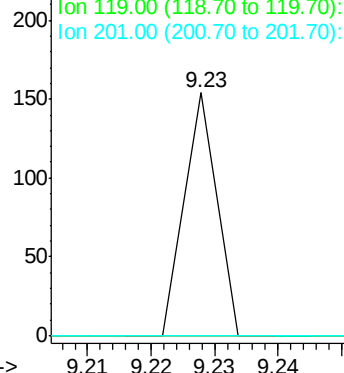


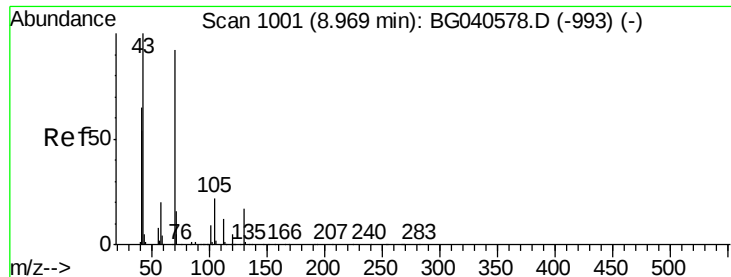
Abundance

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

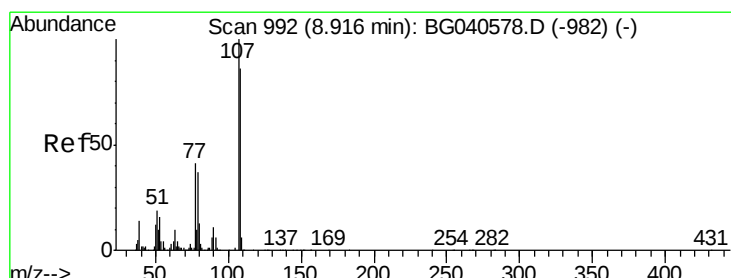
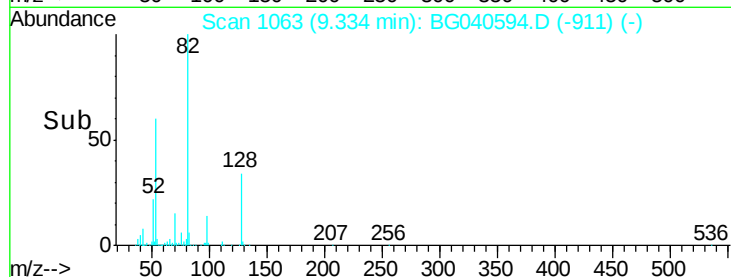
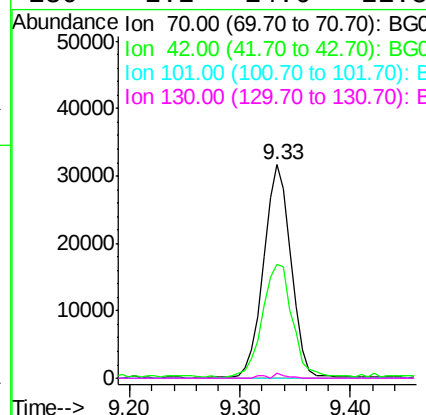
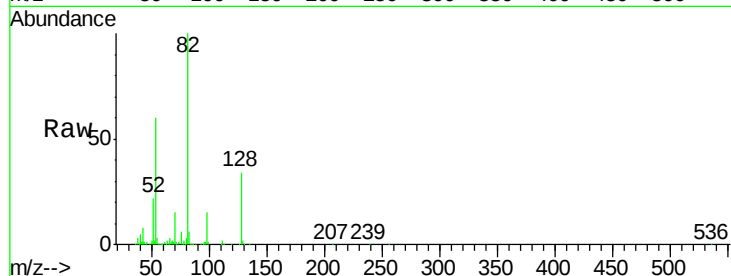




#19
n-Nitroso-di-n-propylamine
Concen: 14.380 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

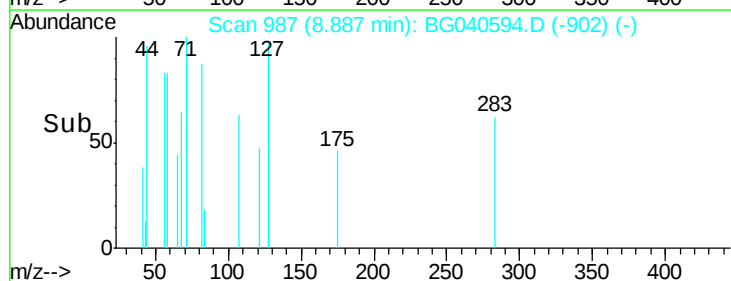
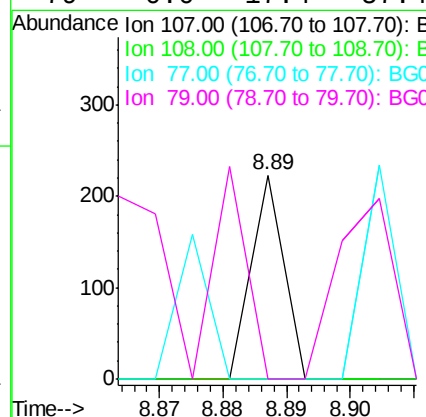
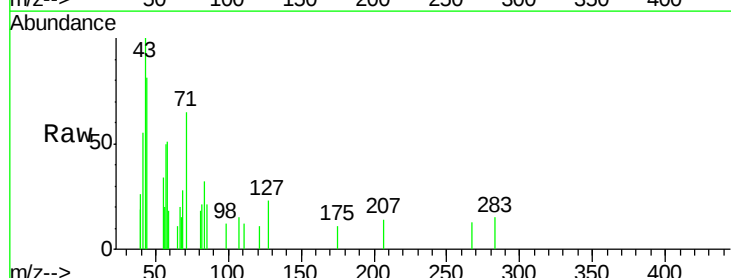
Instrument :
BNA_G
ClientSampled :

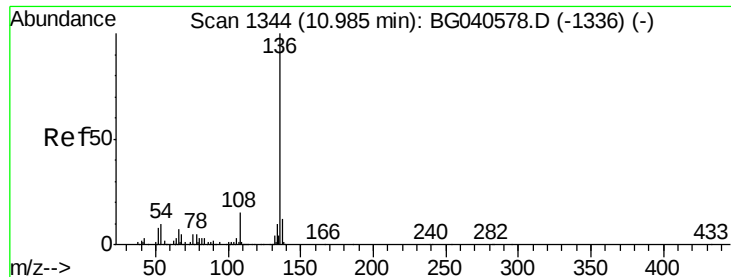
Tot Ion: 70 Resp: 55637
Ion Ratio Lower Upper
70 100
42 53.2 57.1 85.7#
101 0.0 7.8 11.8#
130 2.2 14.6 21.8#



#20
3+4-Methylphenols
Concen: 0.017 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.03 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Tgt Ion: 107 Resp: 79
Ion Ratio Lower Upper
107 100
108 0.0 66.1 106.1#
77 0.0 21.6 61.6#
79 0.0 17.4 57.4#

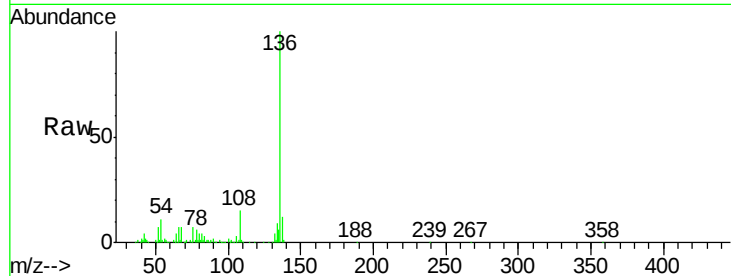




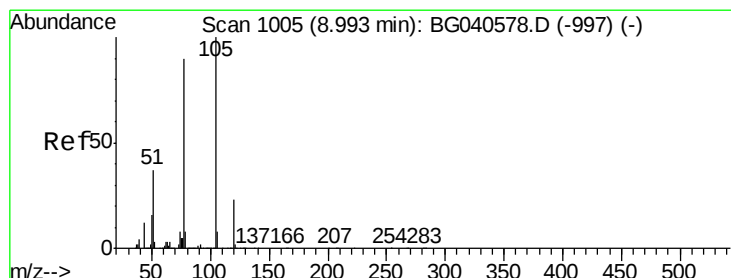
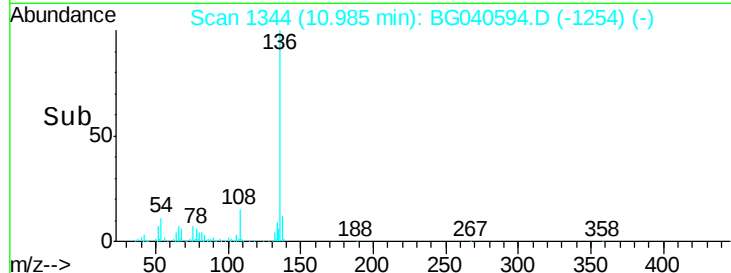
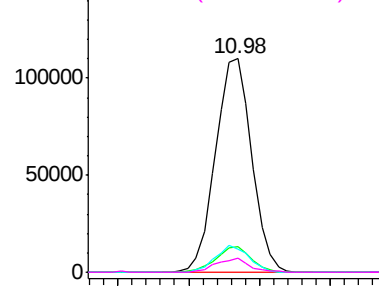
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	196909
Ion Ratio	Lower	Upper
136 100		
137 12.2	9.7	14.5
54 10.6	8.6	12.8
68 6.6	4.8	7.2

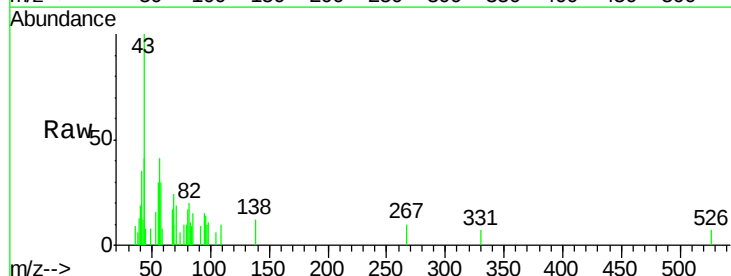


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

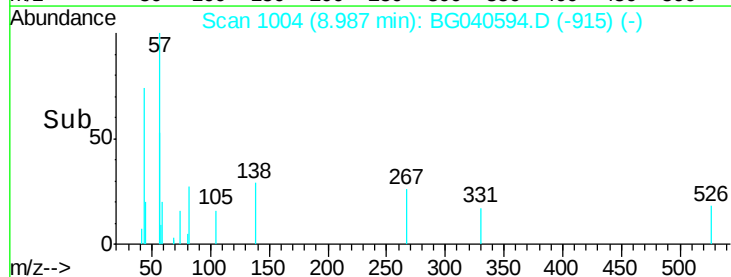
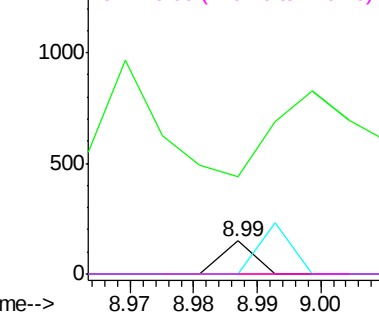


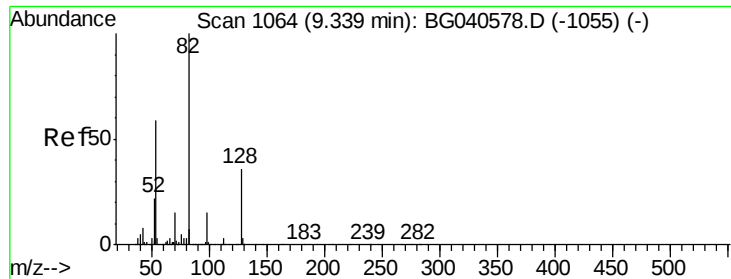
#22
Acetophenone
Concen: 0.010 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Tgt	Ion:105	Resp:	53
Ion	Ratio	Lower	Upper
105	100		
71	293.3	1.8	2.8#
51	0.0	29.8	44.8#
120	0.0	18.4	27.6#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

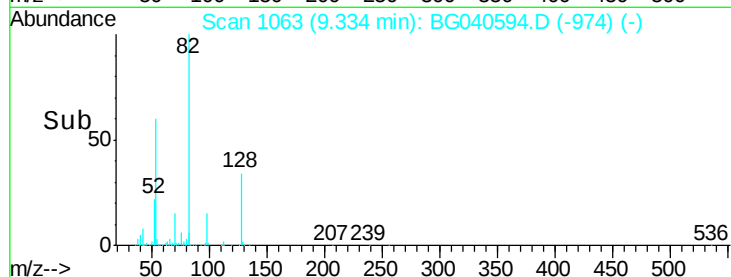
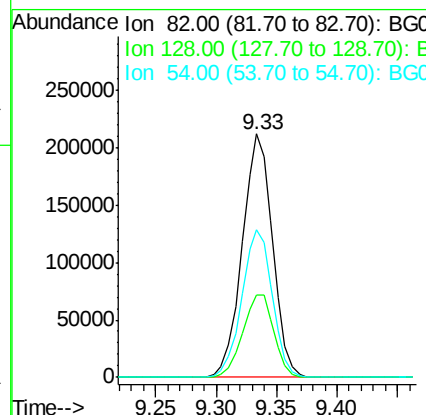
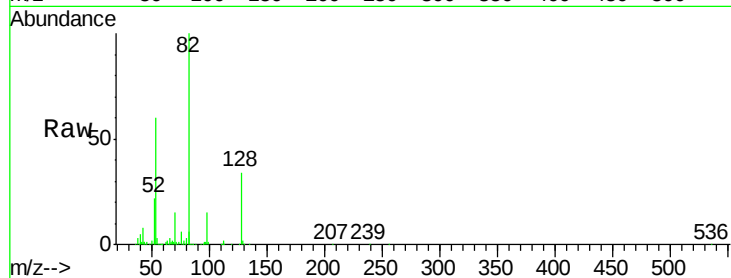




#23
 Nitrobenzene-d5
 Concen: 86.843 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

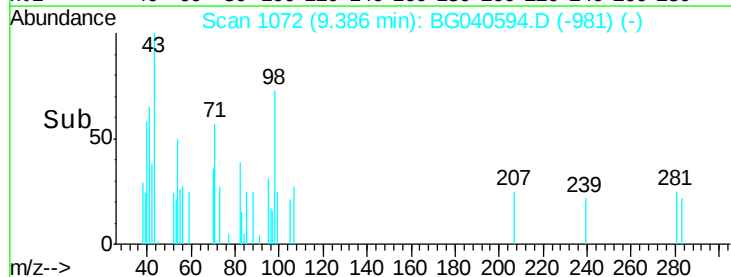
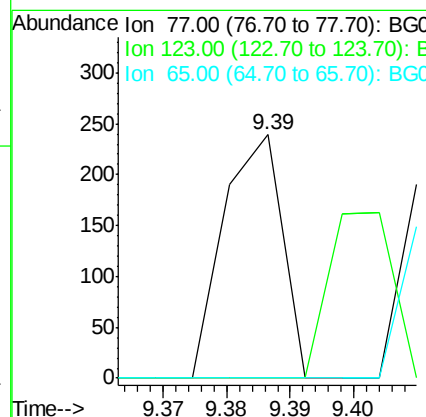
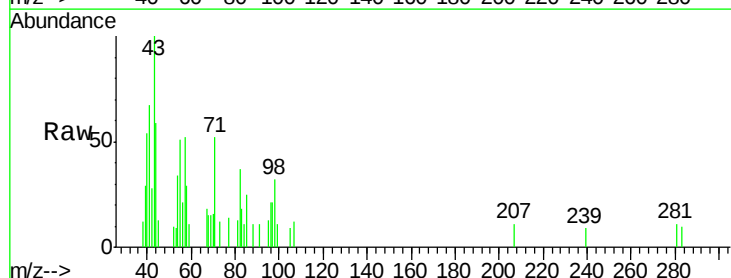
Instrument :
 BNA_G
 ClientSampled :

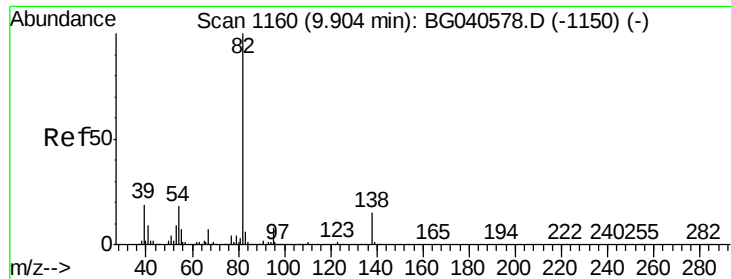
Tot Ion	82	Resp	370084
Ion Ratio	Lower	Upper	
82	100		
128	33.8	28.9	43.3
54	60.4	47.2	70.8



#24
 Nitrobenzene
 Concen: 0.033 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

Tgt Ion	77	Resp	151
Ion Ratio	Lower	Upper	
77	100		
123	0.0	27.8	41.6#
65	0.0	12.4	18.6#





#25

Isophorone

Concen: 0.065 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

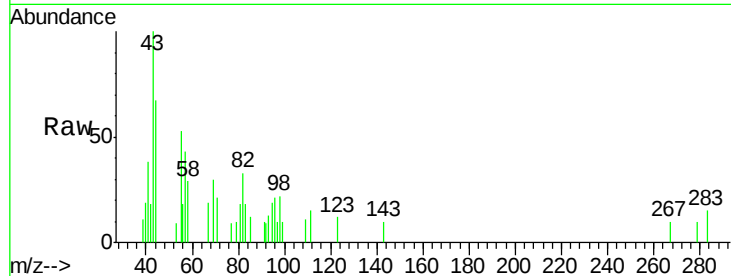
Tot Ion: 82 Resp: 614

Ion Ratio Lower Upper

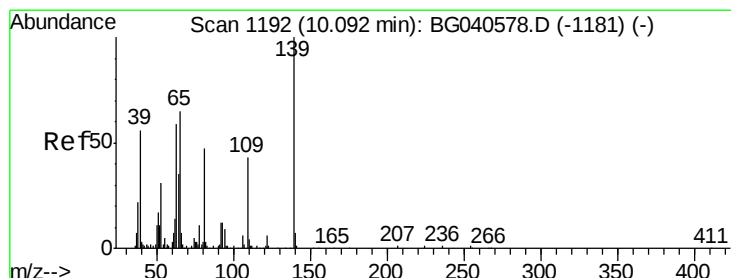
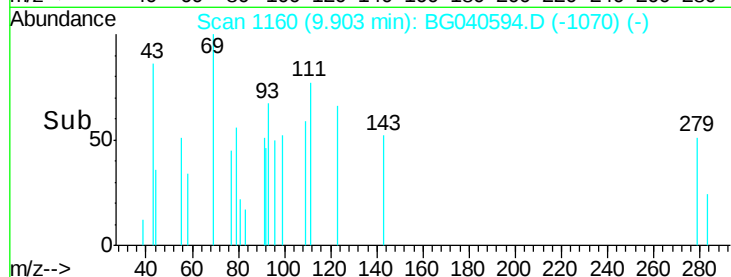
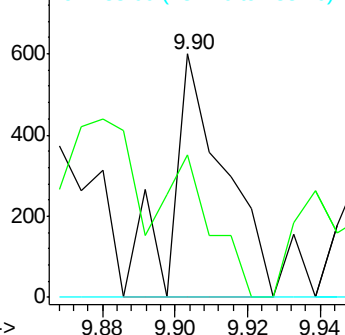
82 100

95 58.5 6.9 10.3#

138 0.0 12.3 18.5#



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



#26

2-Nitrophenol

Concen: 0.035 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.19 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

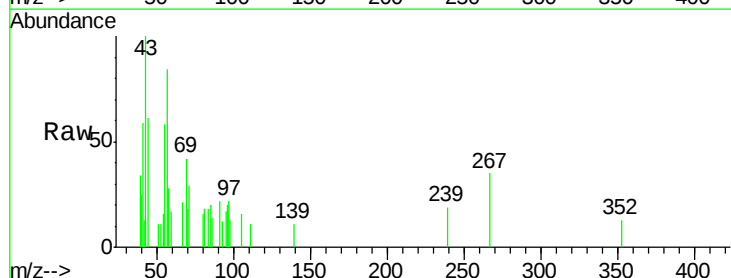
Tgt Ion: 139 Resp: 57

Ion Ratio Lower Upper

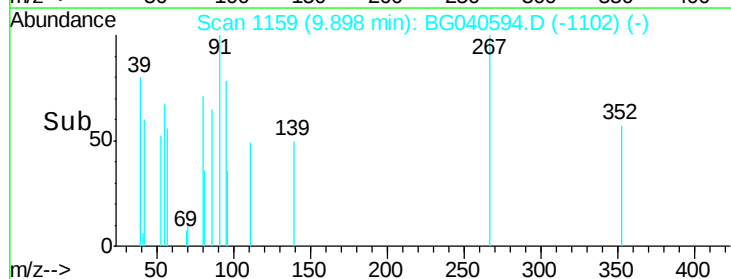
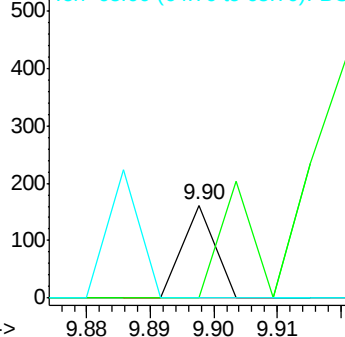
139 100

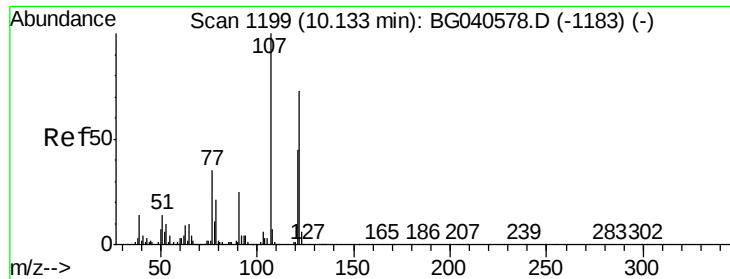
109 0.0 35.6 53.4#

65 0.0 52.3 78.5#



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

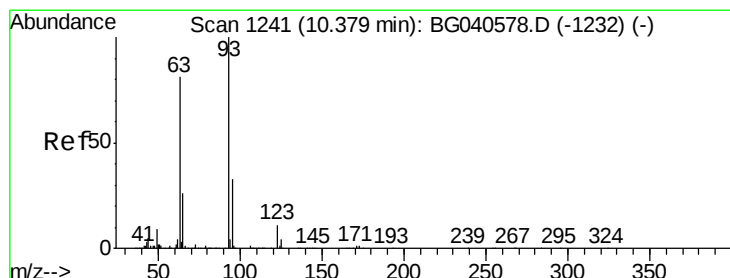
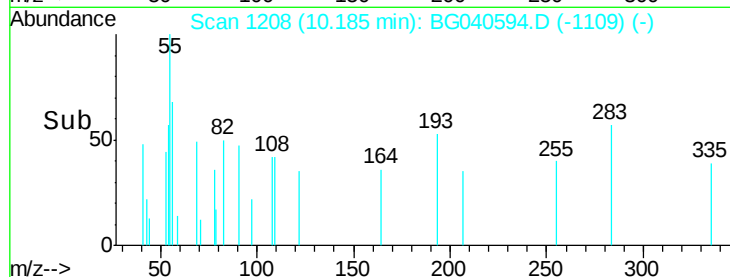
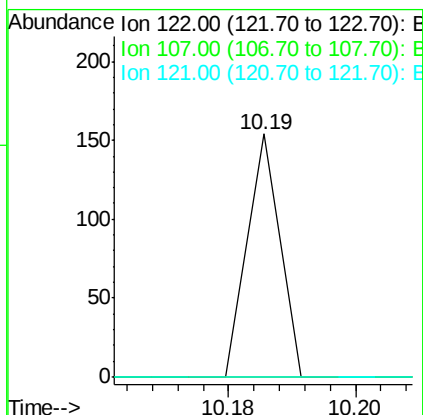
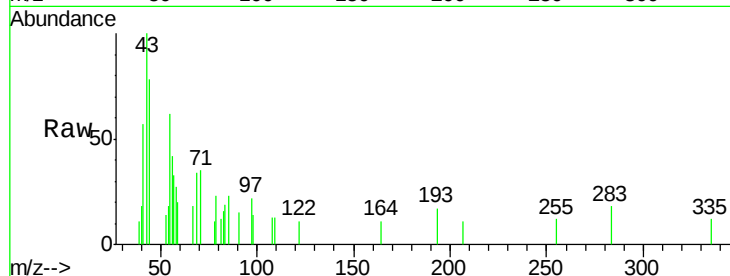




#27
2,4-Dimethylphenol
Concen: 0.018 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.05 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

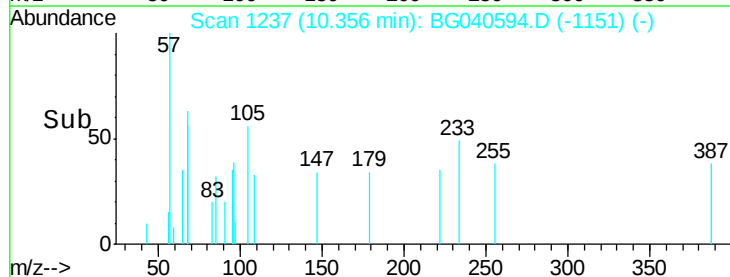
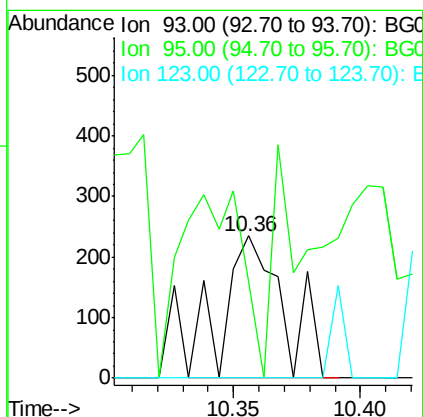
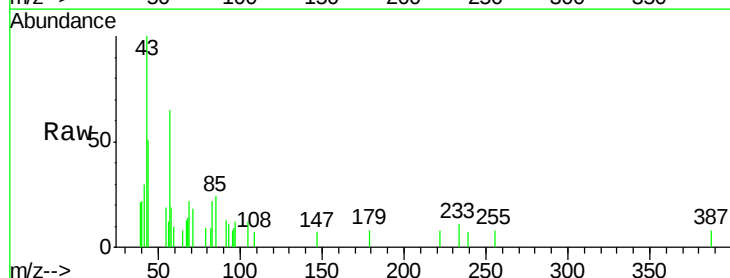
Instrument :
BNA_G
ClientSampleId :

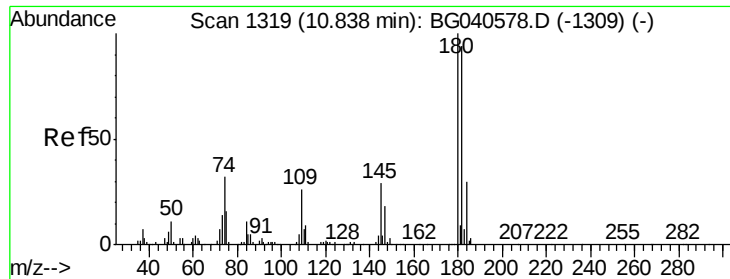
Tot Ion	Ratio	Lower	Upper
122	100		
107	0.0	110.1	165.1#
121	0.0	49.4	74.0#



#28
bis(2-Chloroethoxy)methane
Concen: 0.081 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	67.7	26.6	40.0#
123	0.0	9.0	13.4#

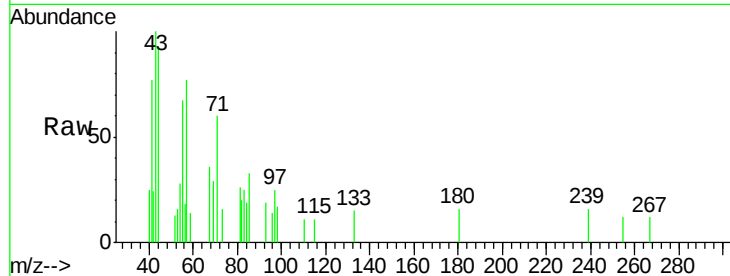




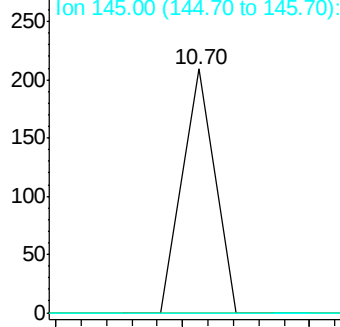
#30
 1,2,4-Trichlorobenzene
 Concen: 0.019 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.14 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

Instrument :
 BNA_G
 ClientSampled :

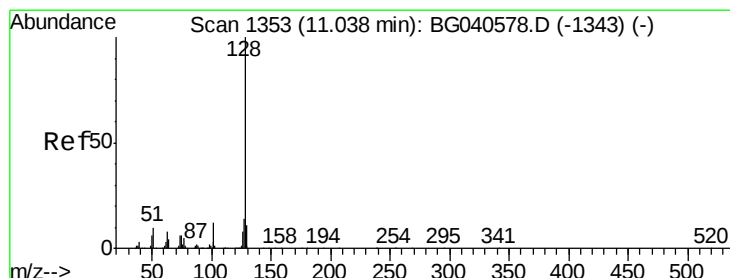
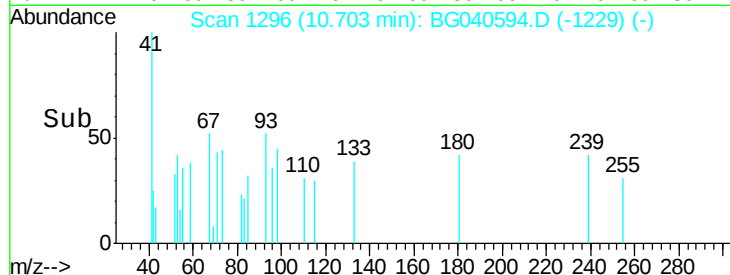
Tot Ion:180 Resp: 74
 Ion Ratio Lower Upper
 180 100
 182 0.0 75.2 112.8#
 145 0.0 23.6 35.4#



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

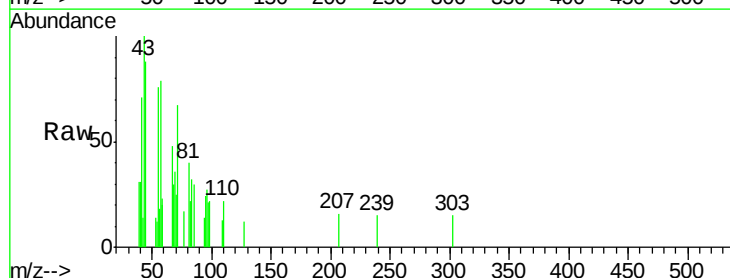


Time--> 10.68 10.70 10.72

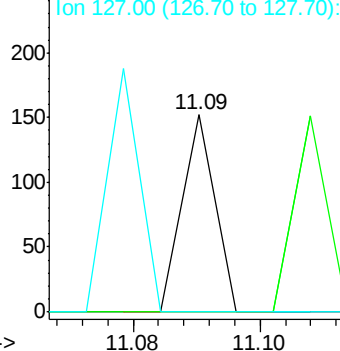


#31
 Naphthalene
 Concen: 0.005 ng
 RT: 11.09 min Scan# 1362
 Delta R.T. 0.05 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

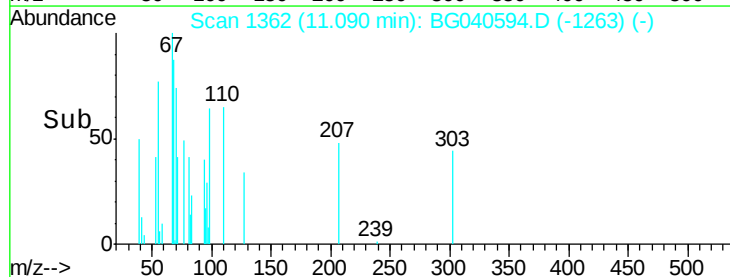
Tgt Ion:128 Resp: 54
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.0 13.6#
 127 0.0 11.3 16.9#

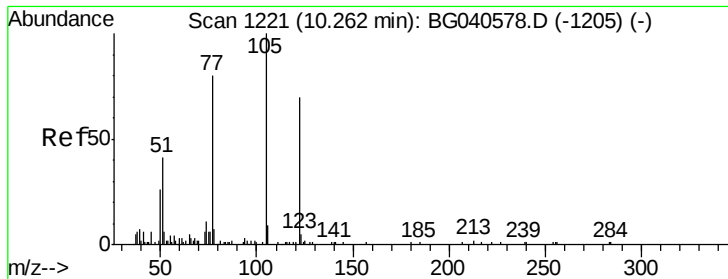


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E



Time-->

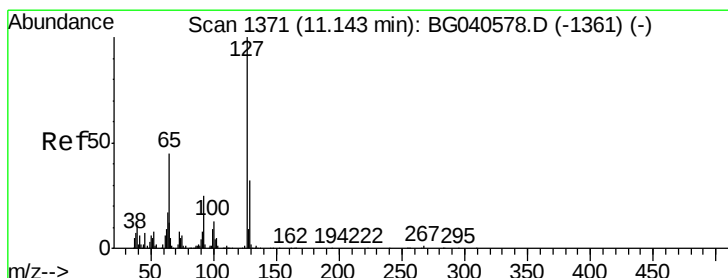
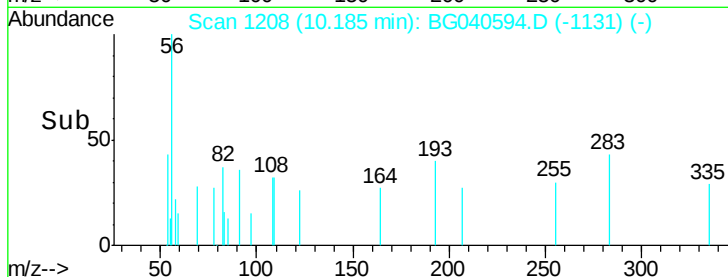
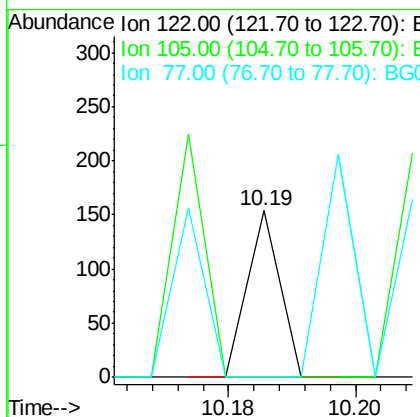
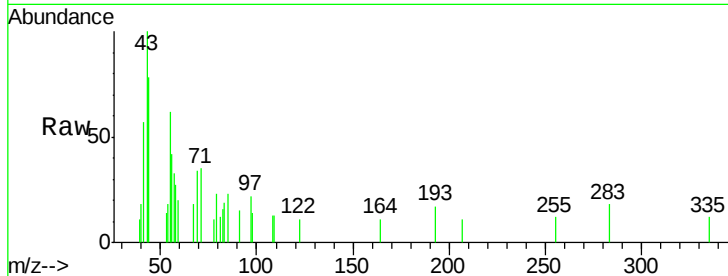




#32
Benzoic acid
Concen: 0.026 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.08 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

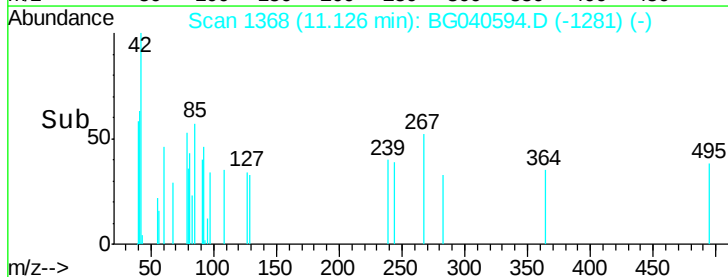
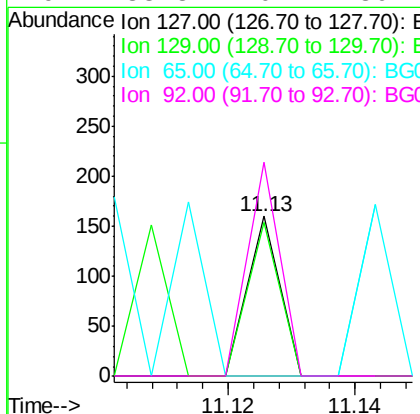
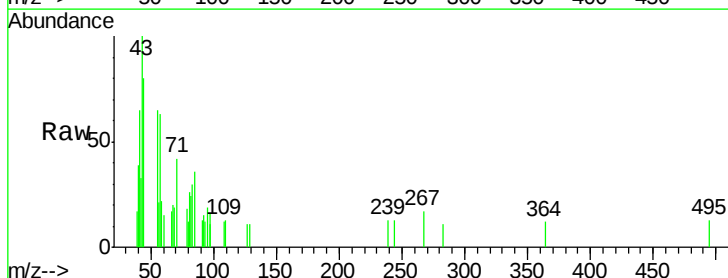
Instrument :
BNA_G
ClientSampleId :

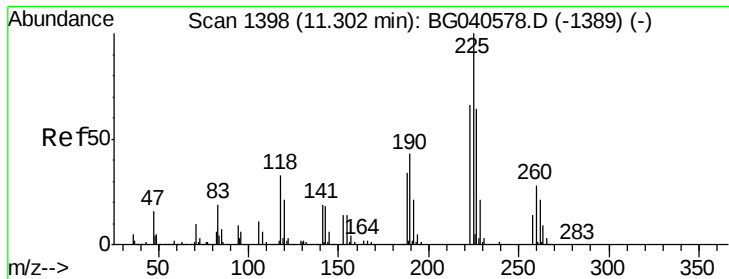
Tot Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 110.9 150.9#
77 0.0 87.6 127.6#



#33
4-Chloroaniline
Concen: 0.012 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Tgt Ion:127 Resp: 56
Ion Ratio Lower Upper
127 100
129 96.3 25.7 38.5#
65 0.0 36.1 54.1#
92 133.8 20.1 30.1#





#34

Hexachlorobutadiene

Concen: 0.019 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.44 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

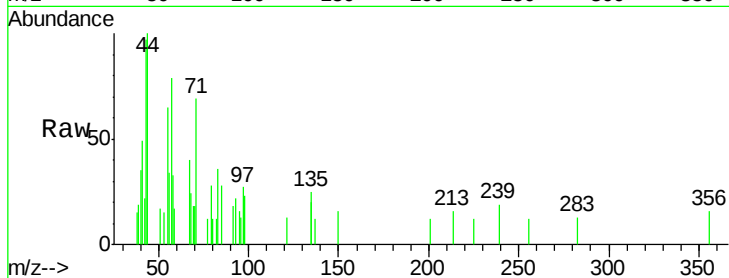
Tot Ion:225 Resp: 55

Ion Ratio Lower Upper

225 100

223 0.0 50.4 75.6#

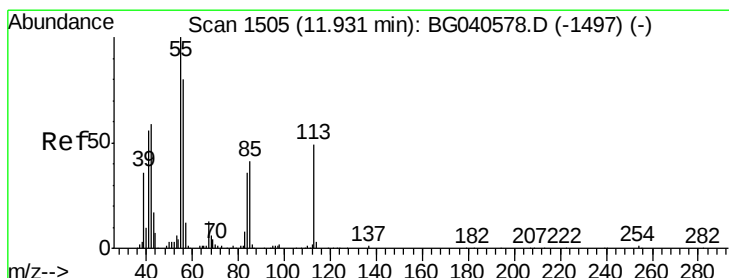
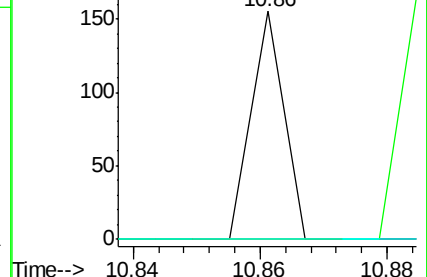
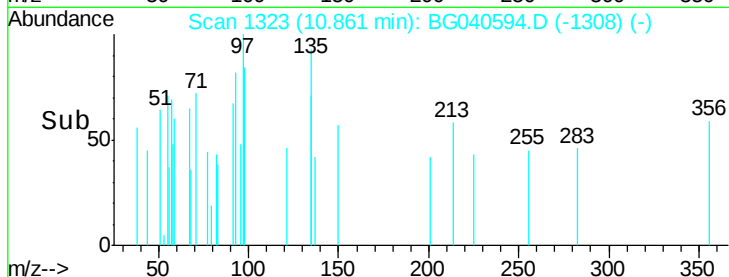
227 0.0 51.0 76.6#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.085 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

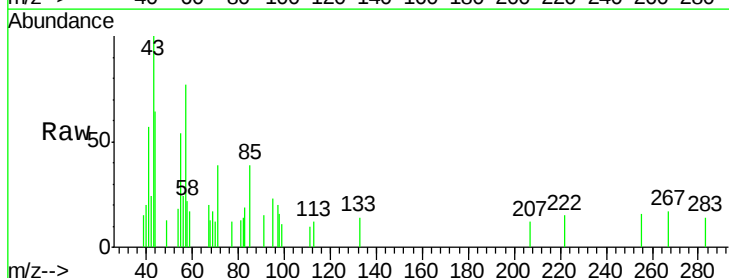
Tgt Ion:113 Resp: 116

Ion Ratio Lower Upper

113 100

55 458.2 198.6 238.6#

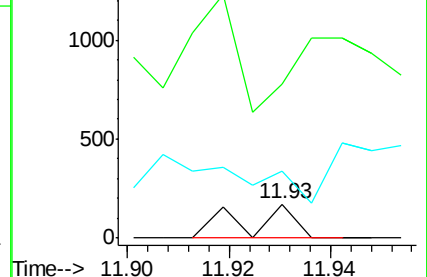
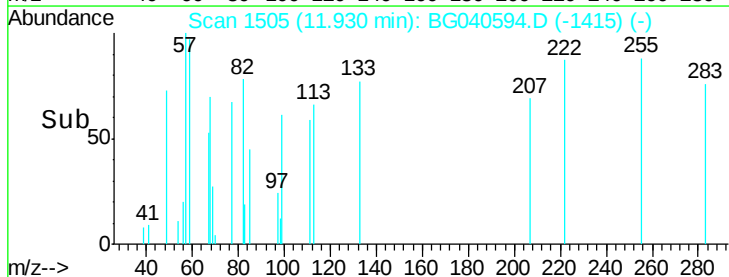
56 199.4 148.4 188.4#

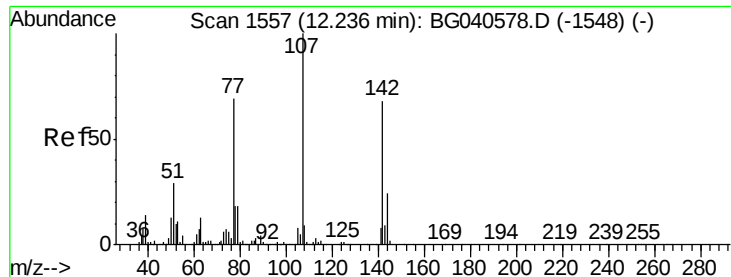


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

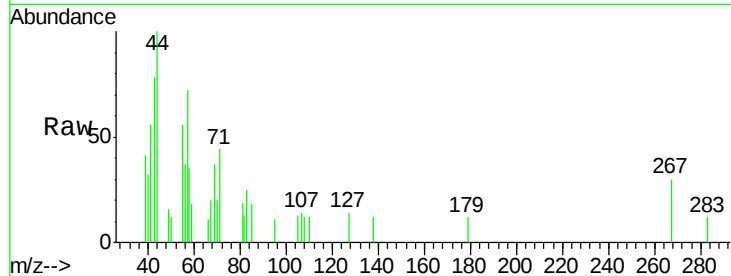




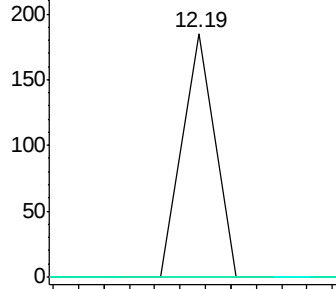
#36
4-Chloro-3-methylphenol
Concen: 0.015 ng
RT: 12.19 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Instrument :
BNA_G
ClientSampled :

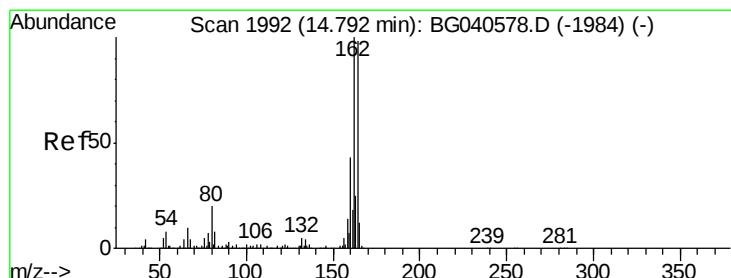
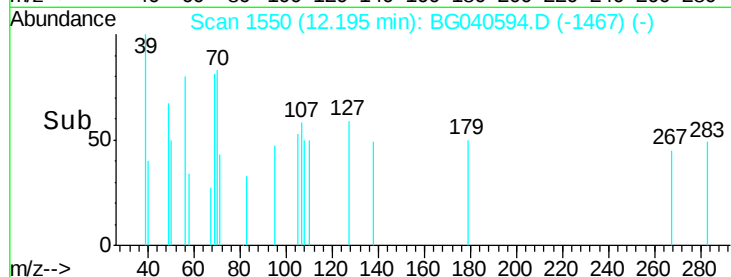
Tot Ion:107 Resp: 65
Ion Ratio Lower Upper
107 100
144 0.0 19.3 28.9#
142 0.0 54.6 81.8#



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

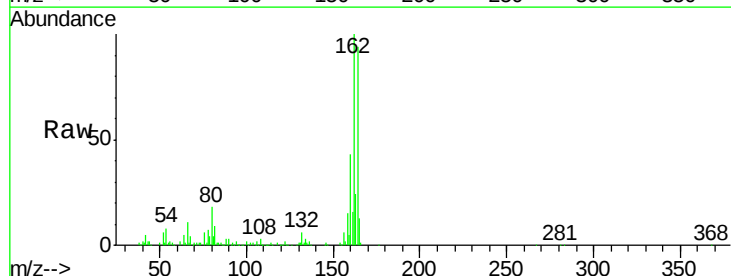


Time--> 12.18 12.20

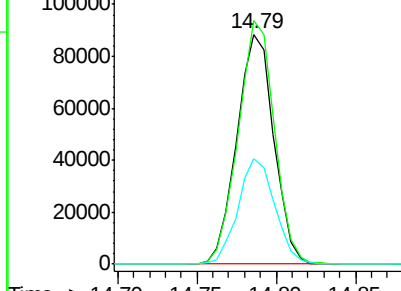


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

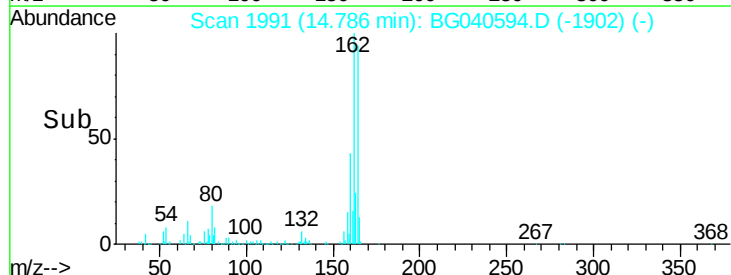
Tgt Ion:164 Resp: 142902
Ion Ratio Lower Upper
164 100
162 106.0 81.9 122.9
160 46.1 35.4 53.2

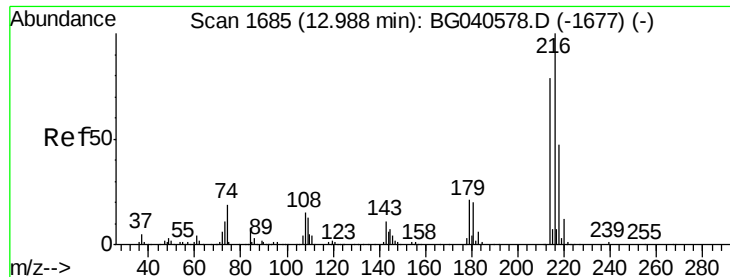


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time--> 14.70 14.75 14.80 14.85





#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.011 ng

RT: 13.12 min Scan# 1708

Delta R.T. 0.14 min

Lab File: BG040594.D

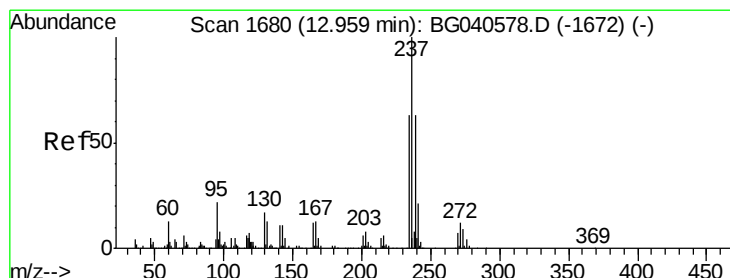
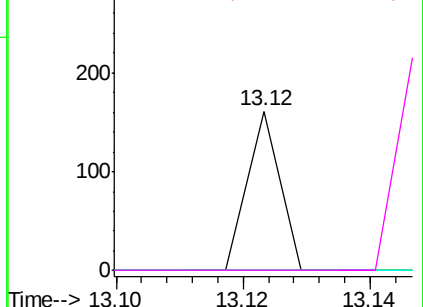
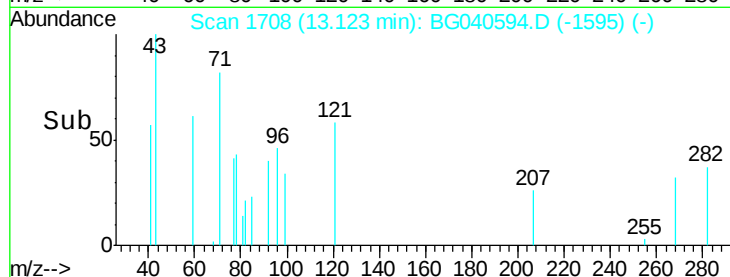
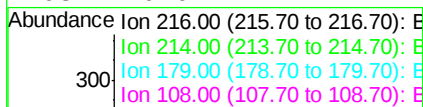
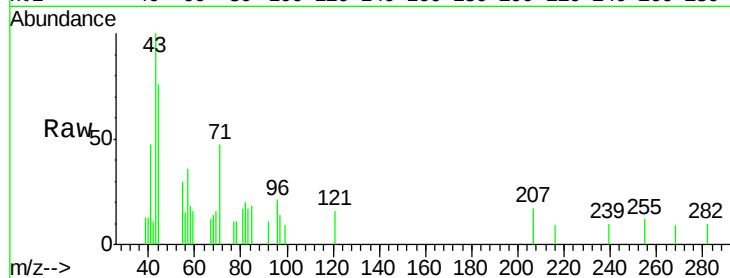
Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	57
Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.7	95.5#
179	0.0	16.6	24.8#
108	0.0	14.7	22.1#



#41

Hexachlorocyclopentadiene

Concen: 0.020 ng

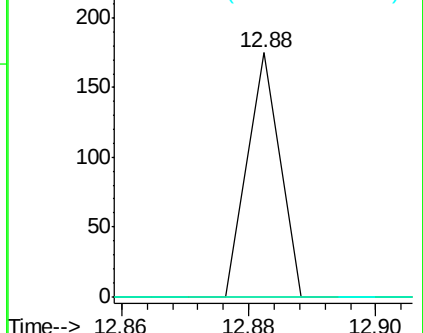
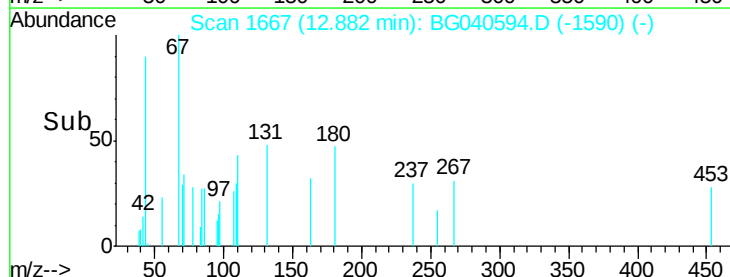
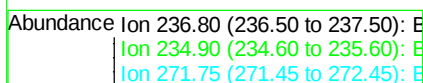
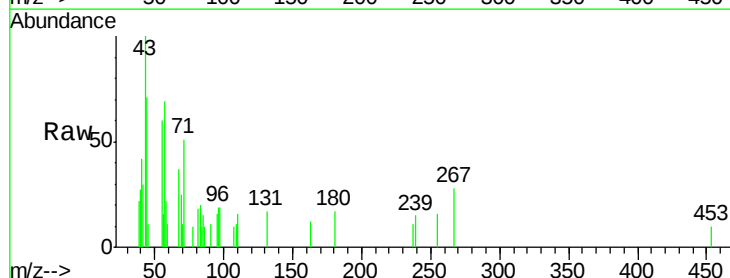
RT: 12.88 min Scan# 1667

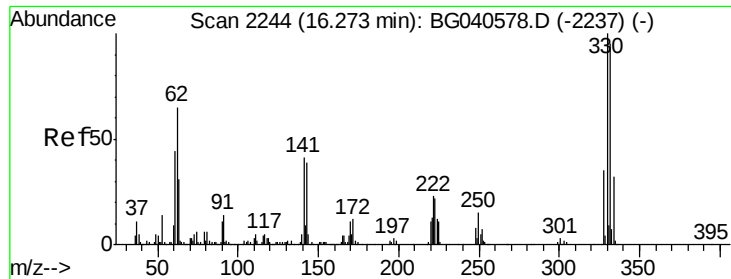
Delta R.T. -0.08 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Tgt Ion:	237	Resp:	62
Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.5	82.5#
272	0.0	0.0	31.6

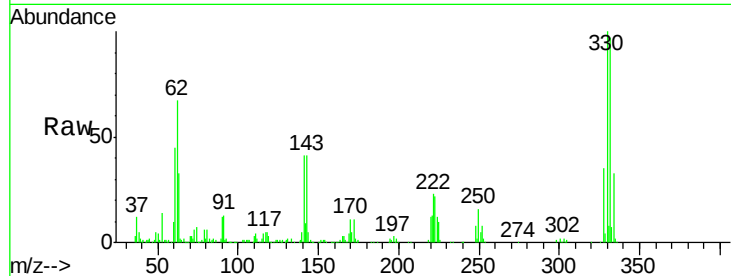




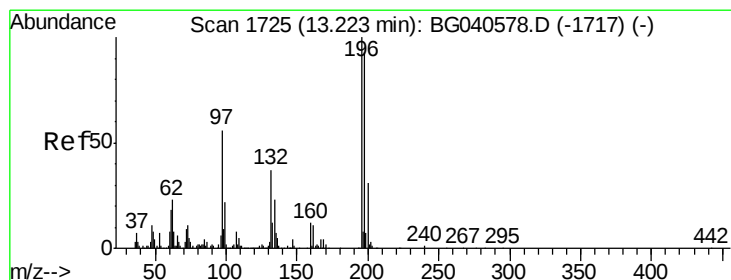
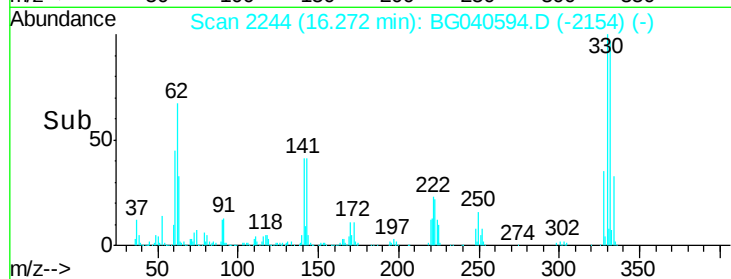
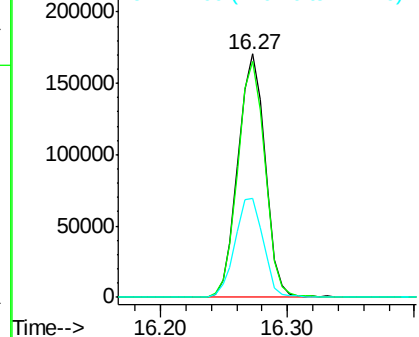
#42
 2,4,6-Tribromophenol
 Concen: 128.362 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.9	113.9
141	42.3	32.4	48.6

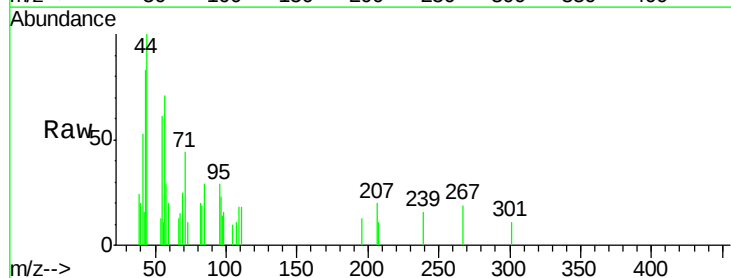


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

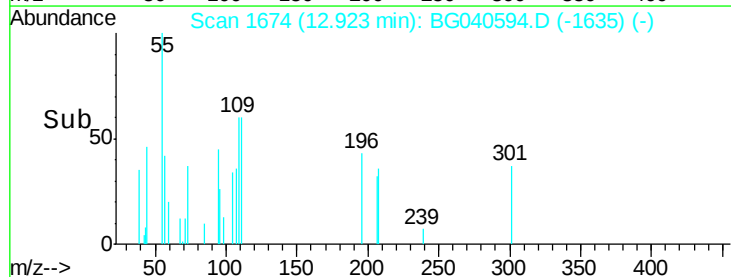
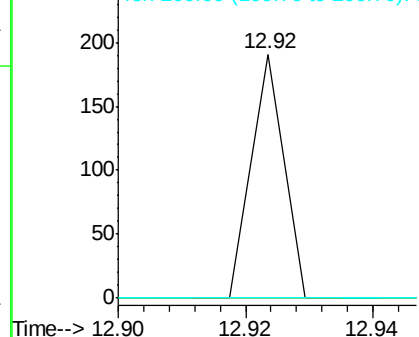


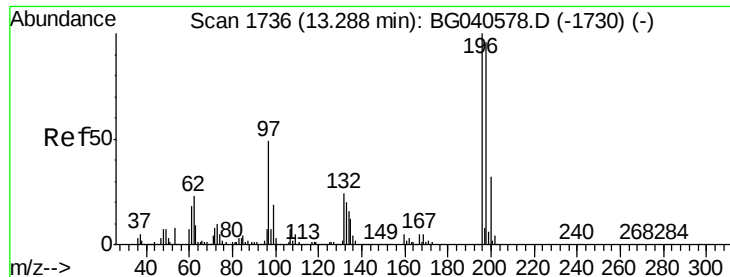
#43
 2,4,6-Trichlorophenol
 Concen: 0.021 ng
 RT: 12.92 min Scan# 1674
 Delta R.T. -0.30 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	74.8	112.2#
200	0.0	24.9	37.3#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

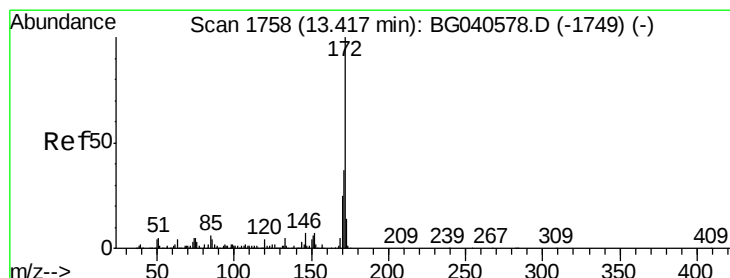
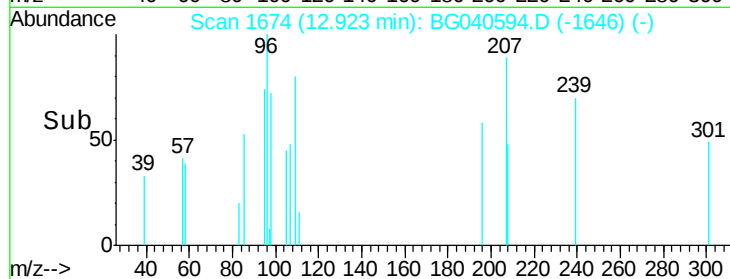
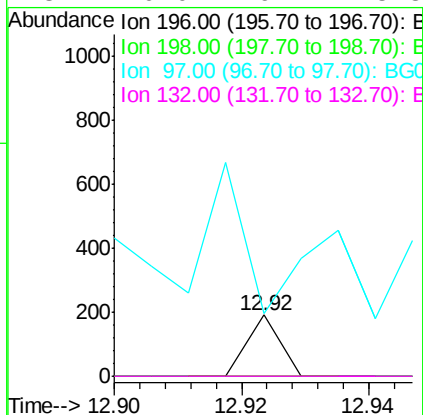
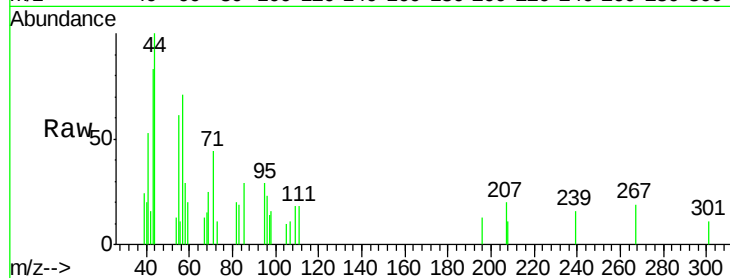




#44
 2,4,5-Trichlorophenol
 Concen: 0.019 ng
 RT: 12.92 min Scan# 1674
 Delta R.T. -0.36 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

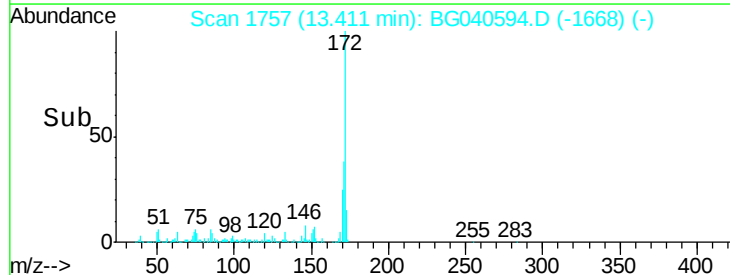
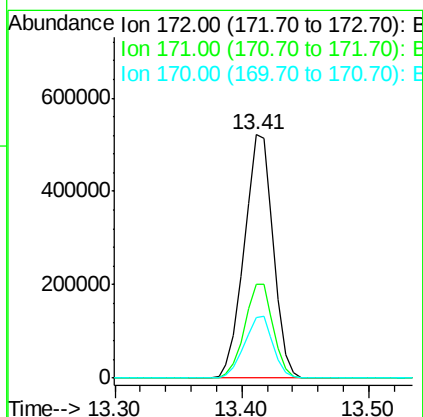
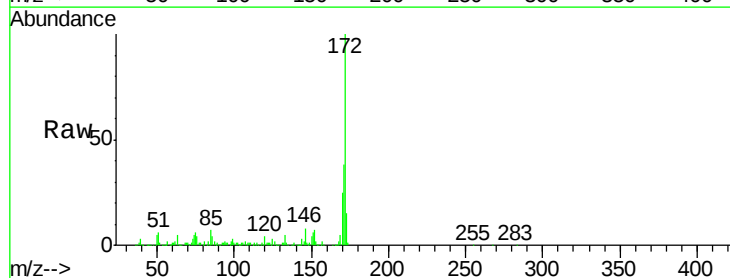
Instrument :
 BNA_G
 ClientSampled :

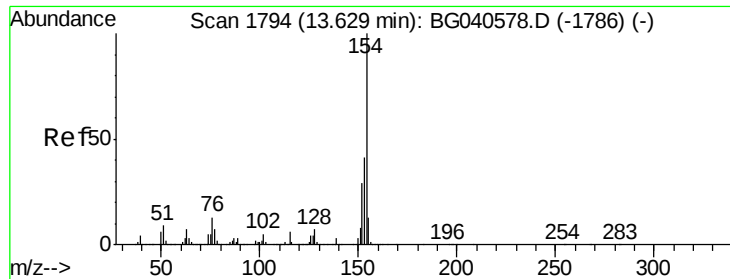
Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	77.0	115.6#
97	103.1	40.0	60.0#
132	0.0	19.2	28.8#



#45
 2-Fluorobiphenyl
 Concen: 83.607 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	24.8	19.9	29.9

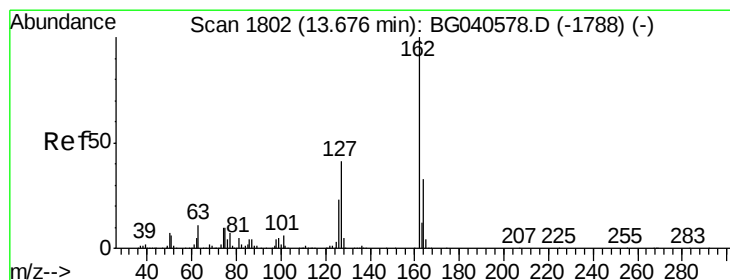
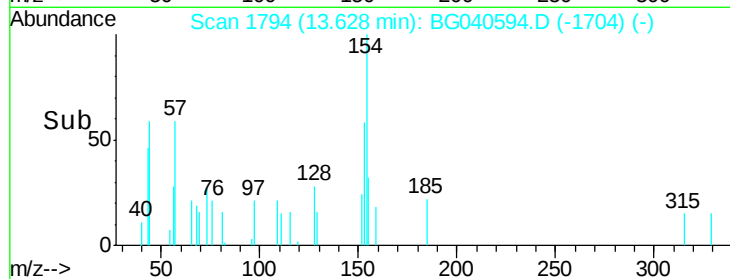
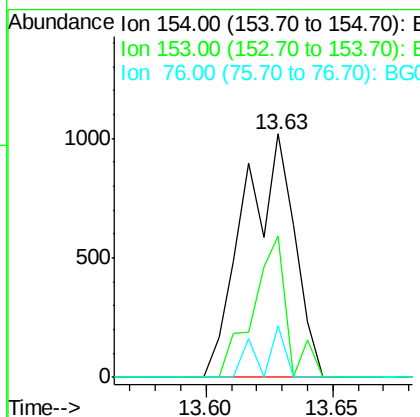
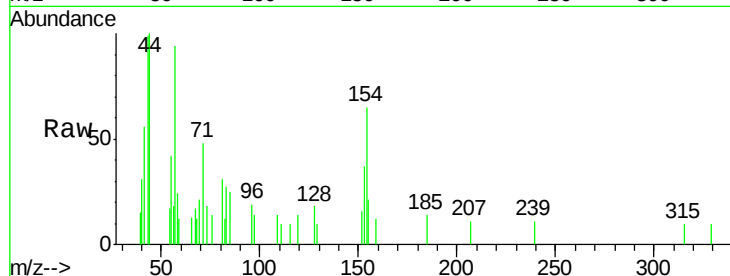




#46
 1,1'-Biphenyl
 Concen: 0.128 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

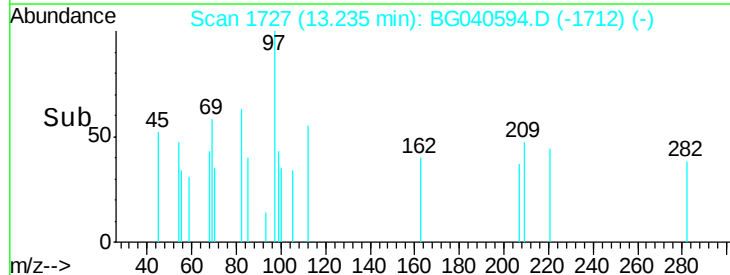
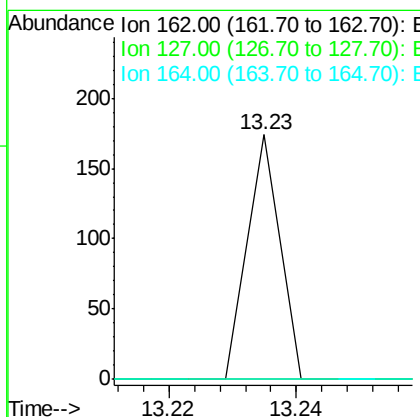
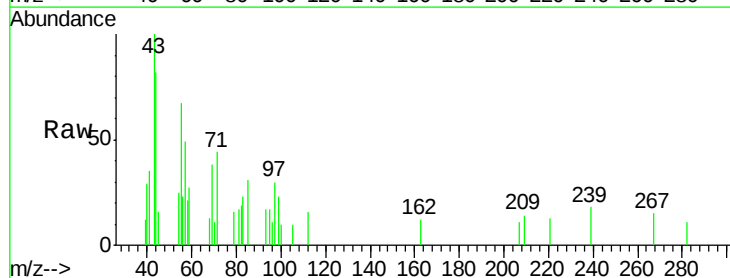
Instrument :
 BNA_G
 ClientSampled :

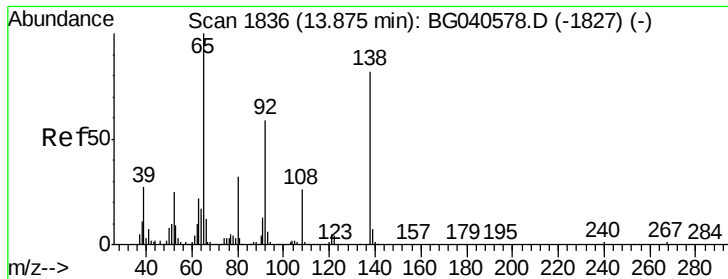
Tot Ion	Ratio	Lower	Upper
154	100		
153	57.8	20.5	60.5
76	21.2	0.0	32.5



#47
 2-Chloronaphthalene
 Concen: 0.007 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.44 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.0	49.4#
164	0.0	26.8	40.2#

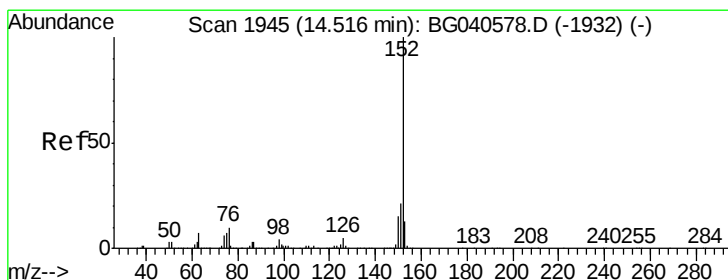
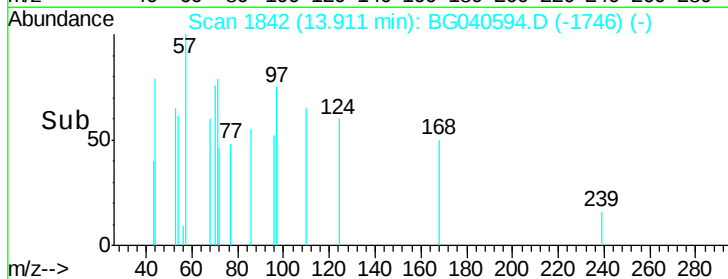
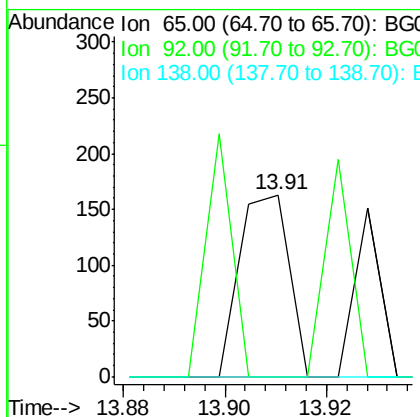
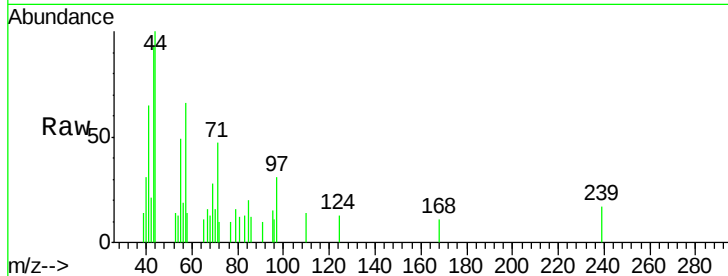




#48
2-Nitroaniline
Concen: 0.036 ng
RT: 13.91 min Scan# 1842
Delta R.T. 0.04 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

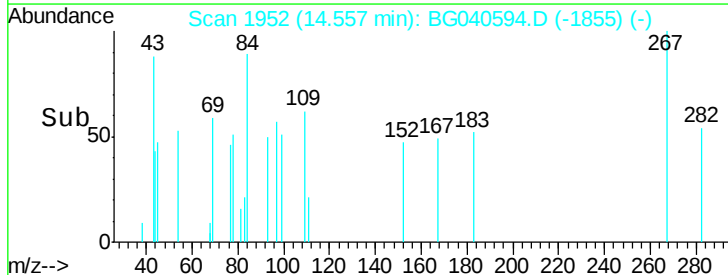
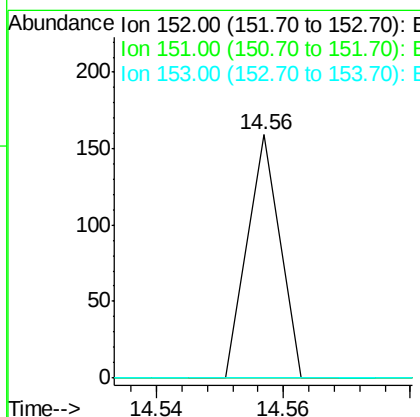
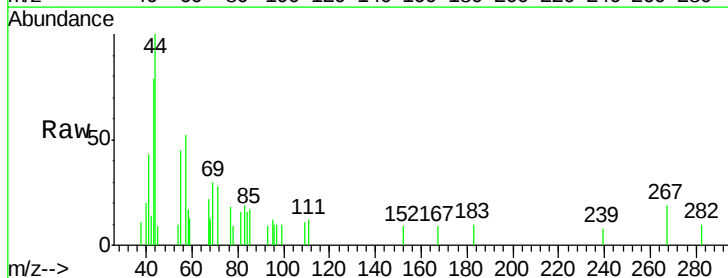
Instrument :
BNA_G
ClientSampled :

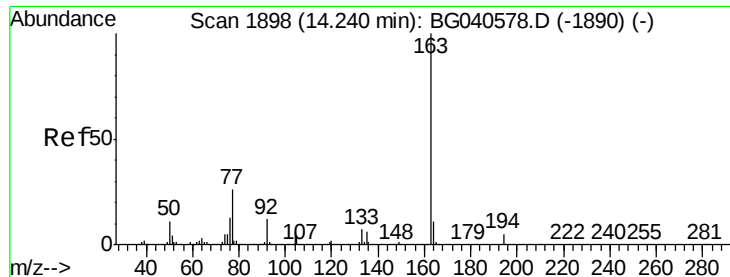
Tot Ion: 65 Resp: 112
Ion Ratio Lower Upper
65 100
92 0.0 47.4 71.0#
138 0.0 66.1 99.1#



#49
Acenaphthylene
Concen: 0.004 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.04 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Tgt Ion: 152 Resp: 56
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 0.0 10.7 16.1#





#50

Dimethylphthalate

Concen: 2.616 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

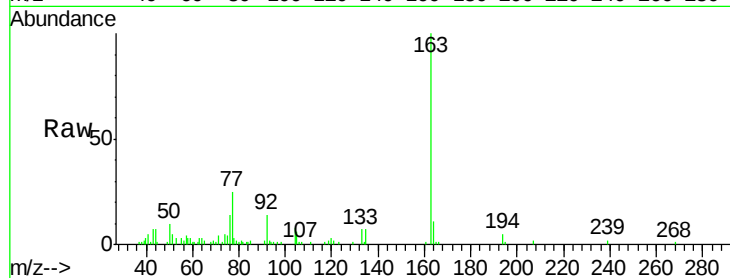
Tot Ion:163 Resp: 31273

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.8

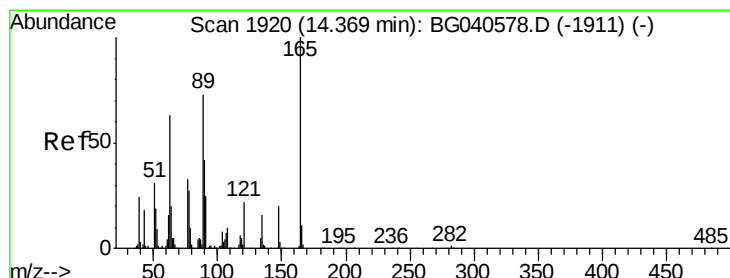
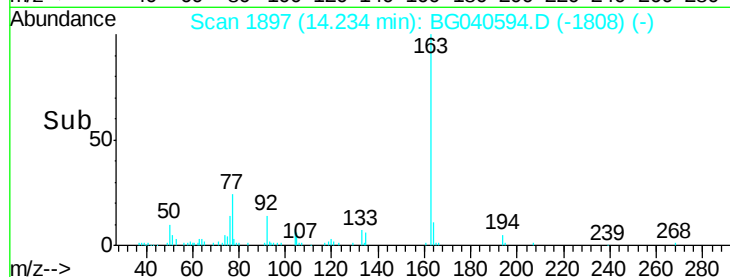
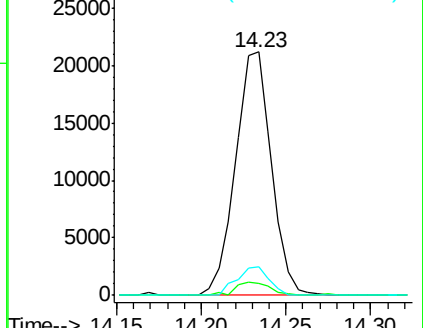
164 11.5 8.8 13.2



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: 0.289 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.07 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

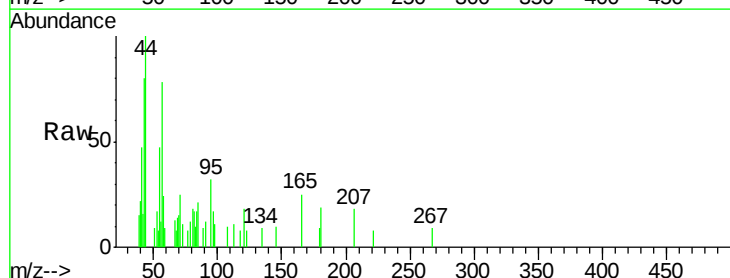
Tgt Ion:165 Resp: 674

Ion Ratio Lower Upper

165 100

63 0.0 61.0 91.4#

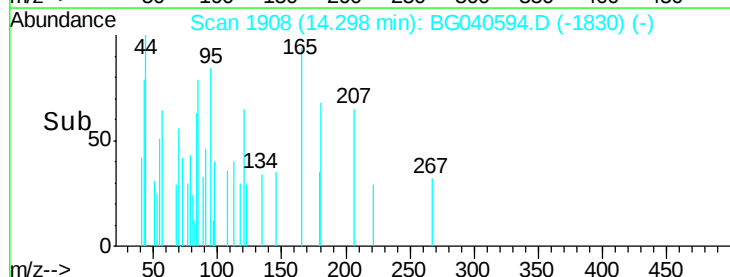
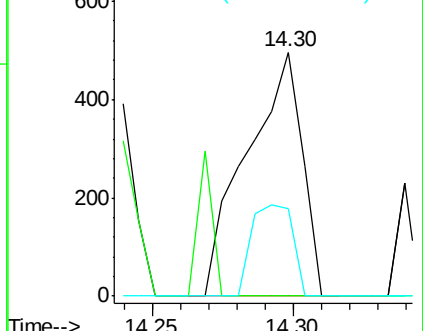
89 35.7 58.6 87.8#

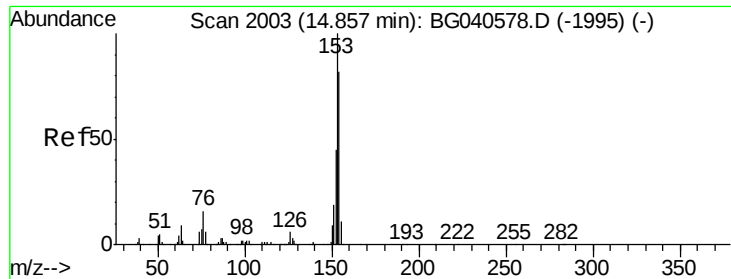


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.085 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.07 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

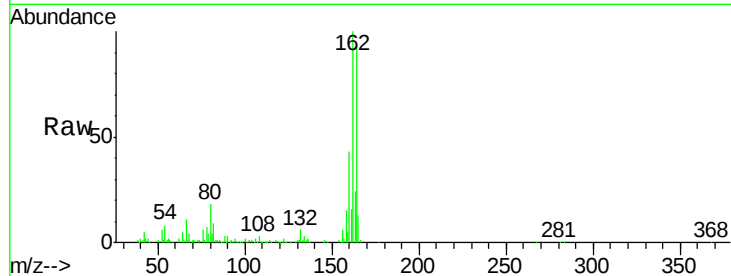
Tot Ion:154 Resp: 725

Ion Ratio Lower Upper

154 100

153 0.0 97.0 145.6#

152 0.0 44.1 66.1#



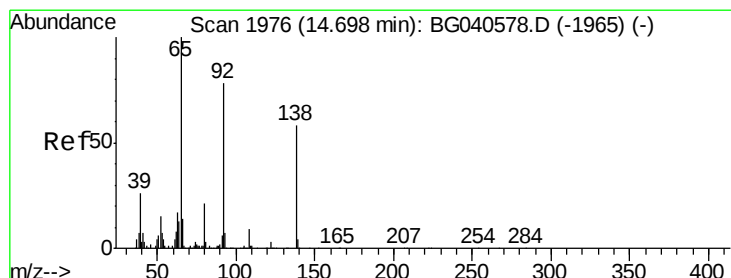
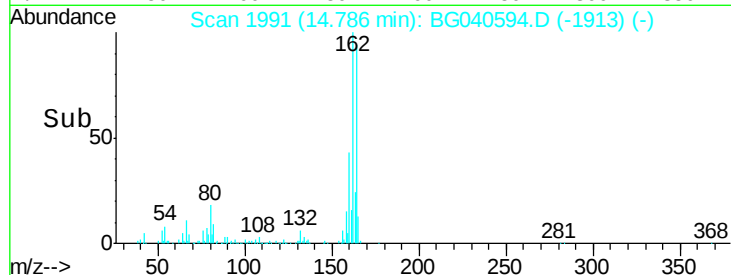
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.79

Time-->



#53

3-Nitroaniline

Concen: 0.025 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.07 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

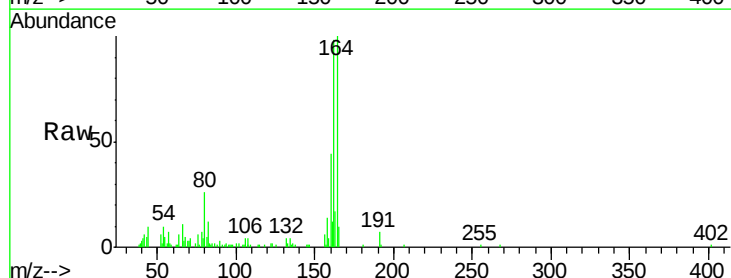
Tgt Ion:138 Resp: 59

Ion Ratio Lower Upper

138 100

108 458.4 12.4 18.6#

92 0.0 108.6 162.8#



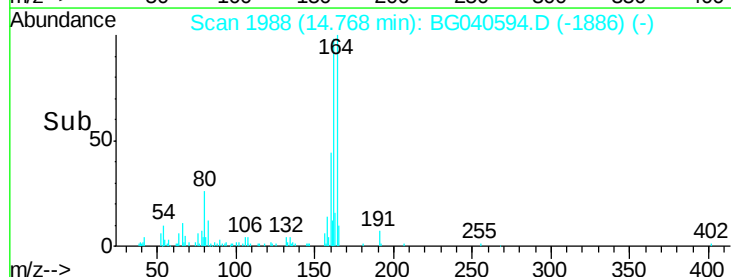
Abundance Ion 138.00 (137.70 to 138.70): E

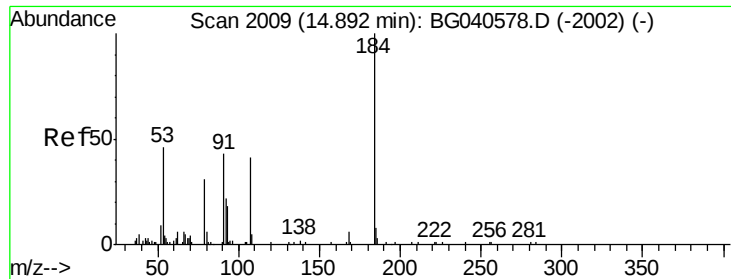
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

14.77

Time-->

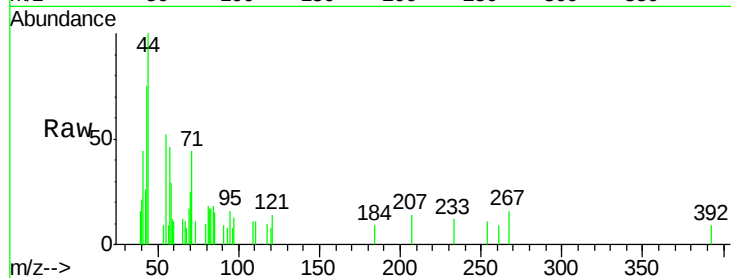




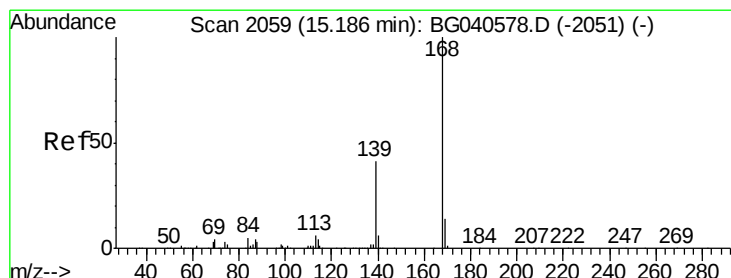
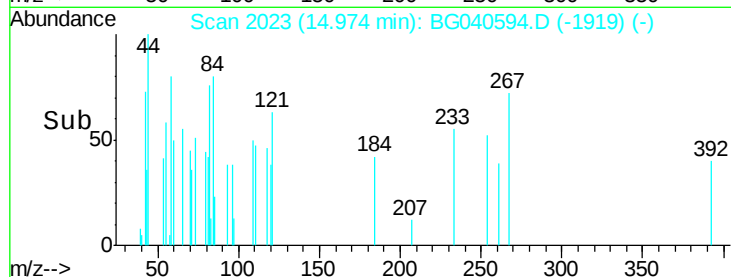
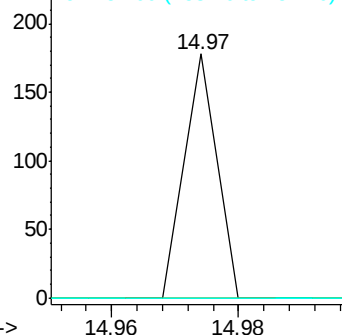
#54
 2,4-Dinitrophenol
 Concen: 7.058 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. 0.08 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.8	77.6#
154	0.0	43.6	65.4#

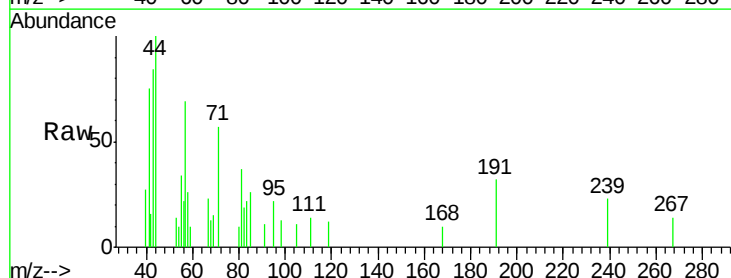


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

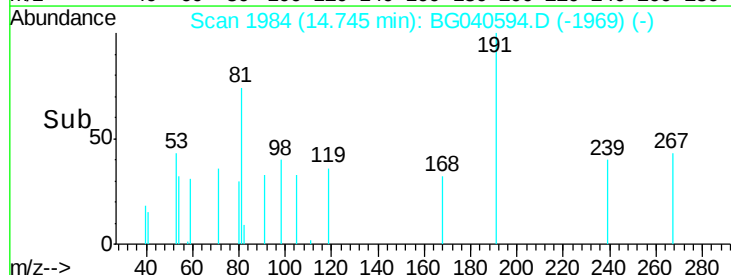
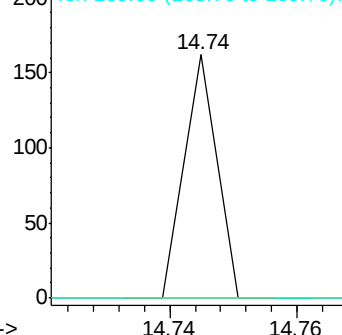


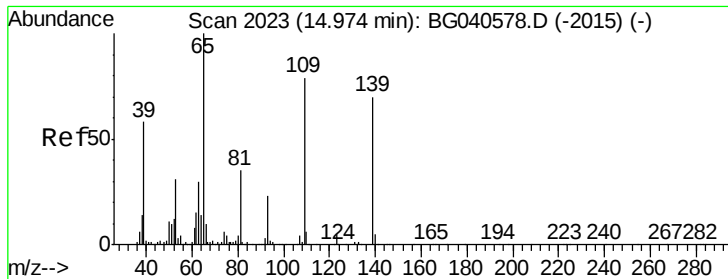
#55
 Dibenzofuran
 Concen: 0.004 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.44 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	0.0	33.0	49.4#
169	0.0	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

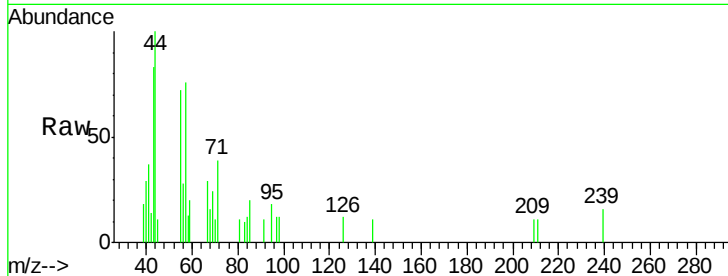




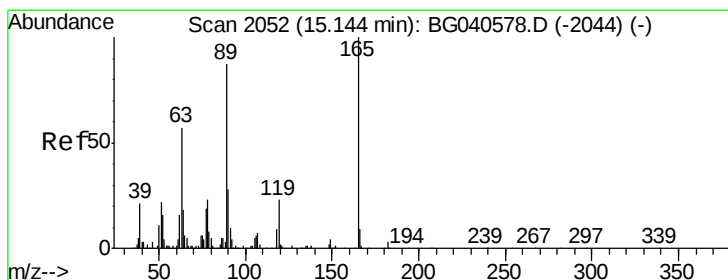
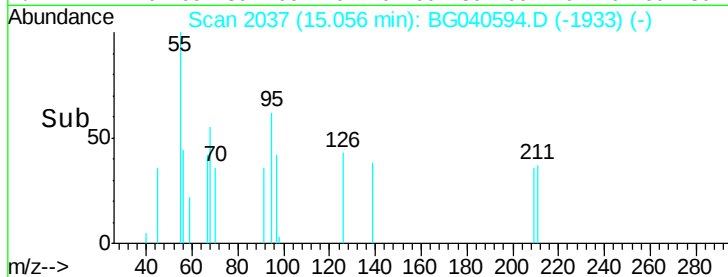
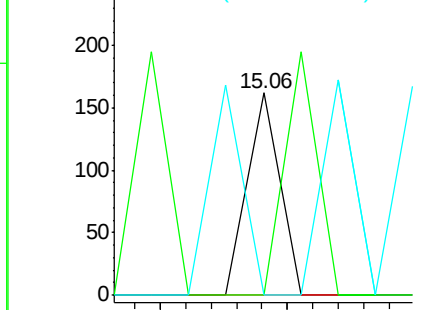
#56
4-Nitrophenol
Concen: 0.027 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.08 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	93.8	133.8#
65	0.0	122.7	162.7#

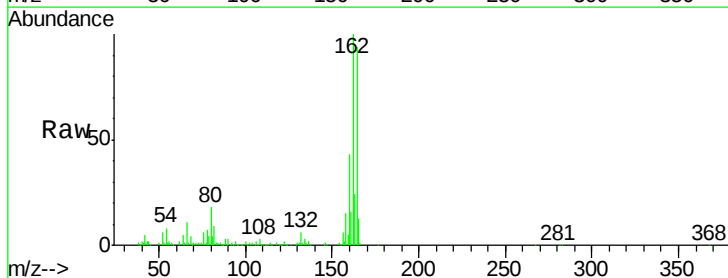


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

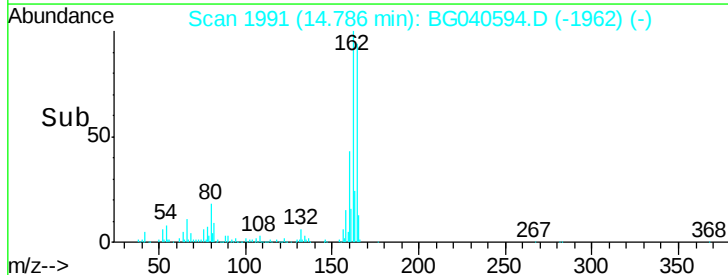
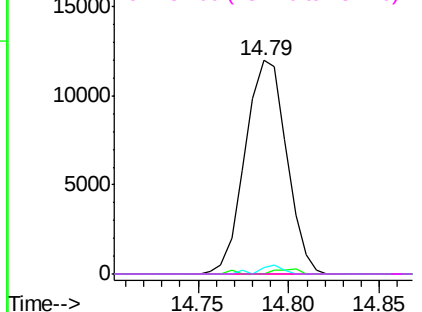


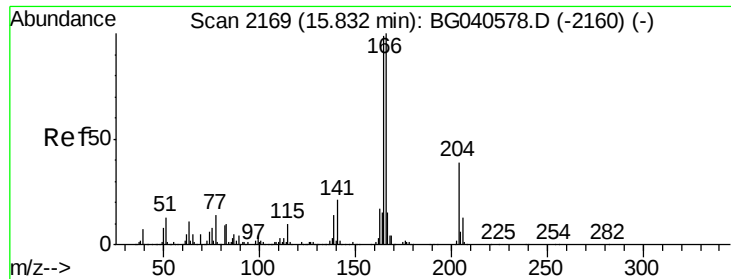
#57
2,4-Dinitrotoluene
Concen: 6.034 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.36 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.8#
89	2.8	69.4	104.2#
182	0.0	2.2	3.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

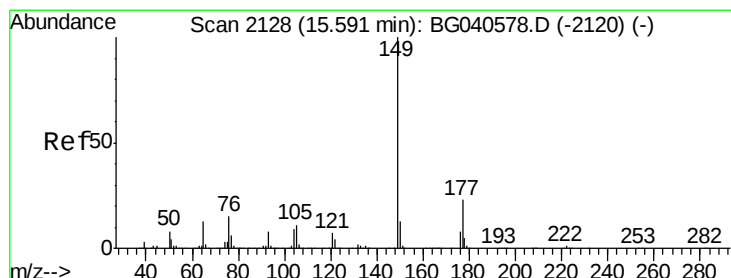
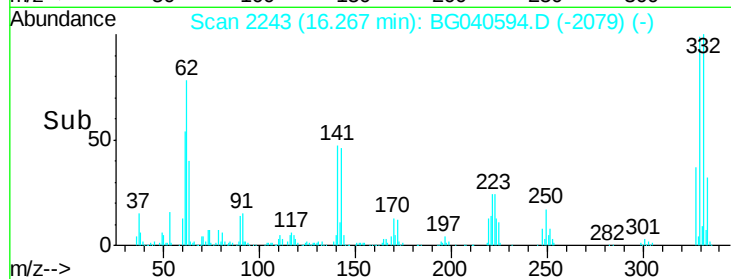
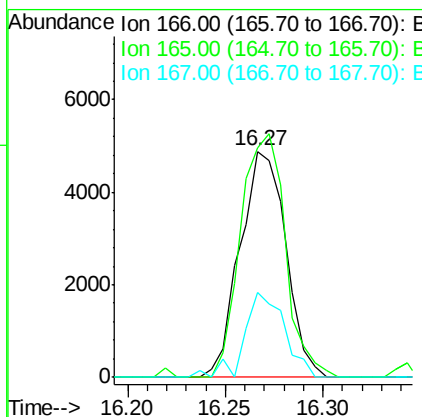
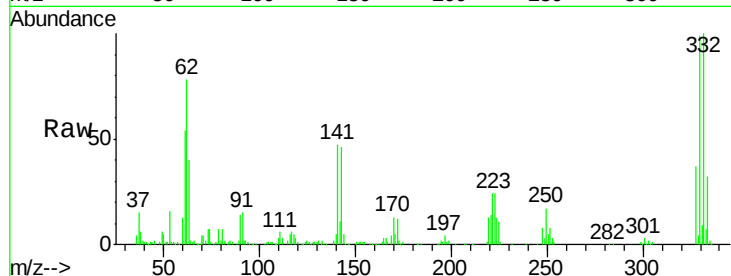




#58
 Fluorene
 Concen: 0.700 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.43 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

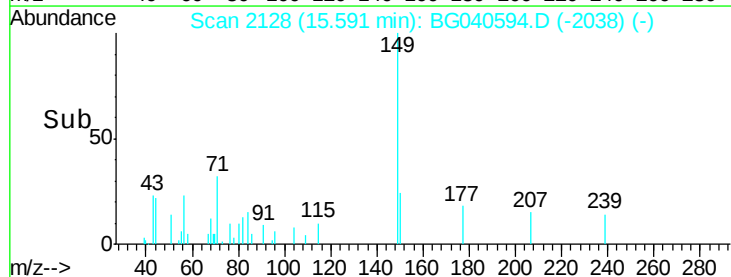
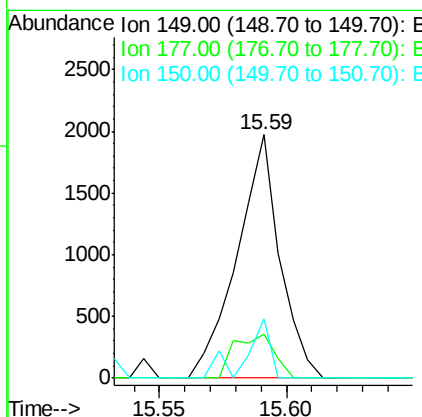
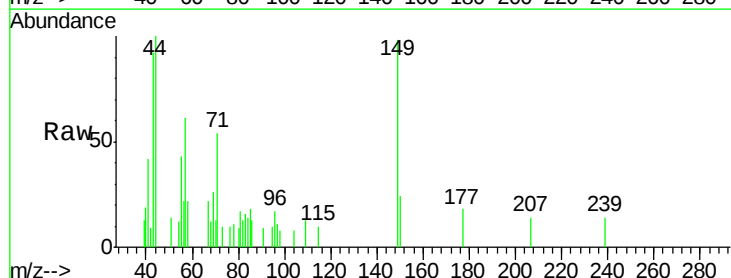
Instrument :
 BNA_G
 ClientSampleId :

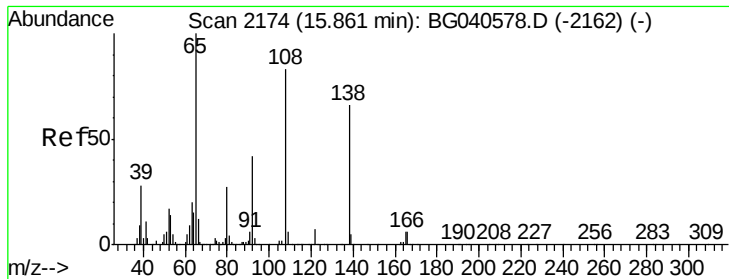
Tot Ion:166 Resp: 7948
 Ion Ratio Lower Upper
 166 100
 165 101.6 79.6 119.4
 167 37.3 12.2 18.2#



#60
 Diethylphthalate
 Concen: 0.183 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

Tgt Ion:149 Resp: 2311
 Ion Ratio Lower Upper
 149 100
 177 17.9 18.5 27.7#
 150 24.1 10.2 15.4#





#62

4-Nitroaniline

Concen: 0.023 ng

RT: 15.97 min Scan# 2193

Delta R.T. 0.11 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampled :

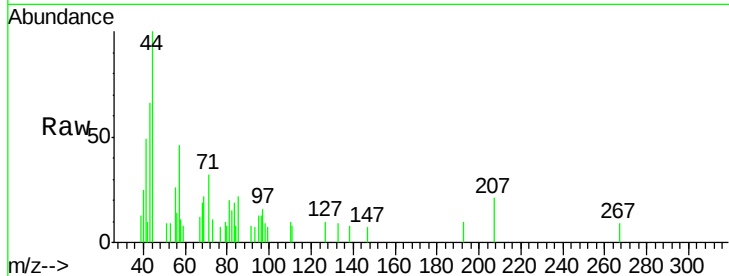
Tot Ion:138 Resp: 62

Ion Ratio Lower Upper

138 100

92 0.0 43.9 83.9#

108 0.0 106.5 146.5#

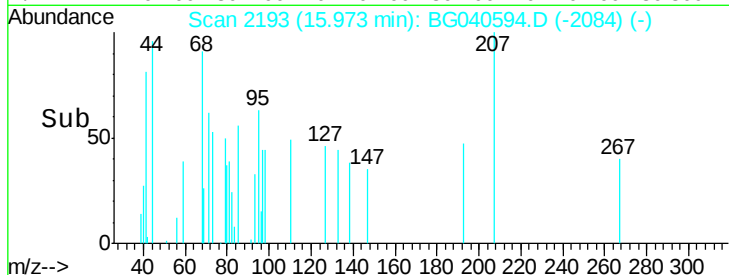


Abundance Ion 138.00 (137.70 to 138.70): E

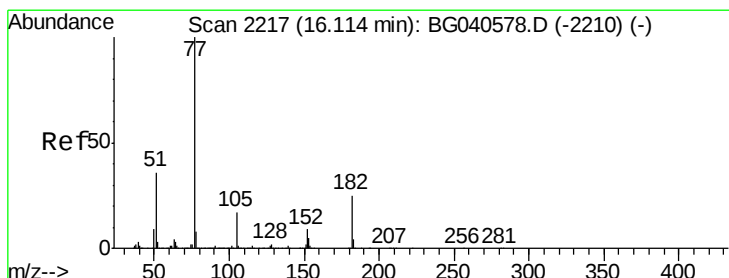
Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#63

Azobenzene

Concen: 0.015 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Tgt Ion: 77 Resp: 198

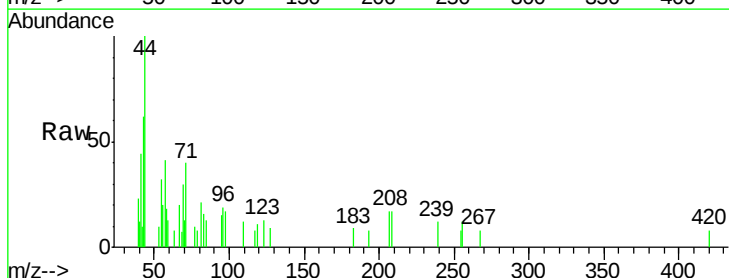
Ion Ratio Lower Upper

77 100

182 0.0 5.0 45.0#

105 0.0 0.0 37.6

51 0.0 16.3 56.3#



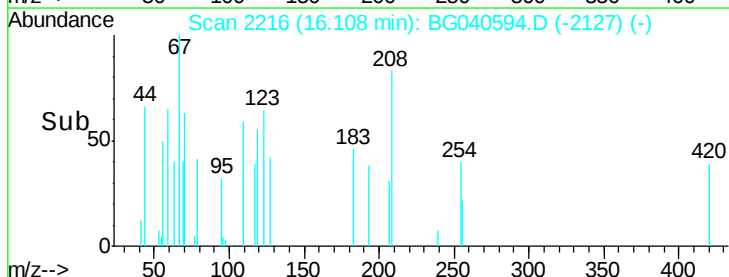
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

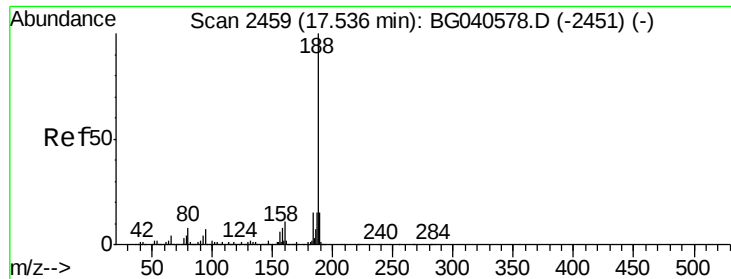
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

Time-->



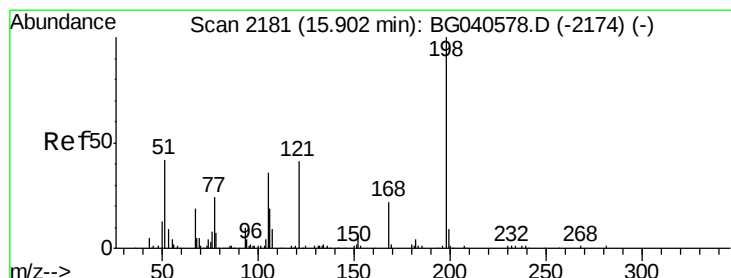
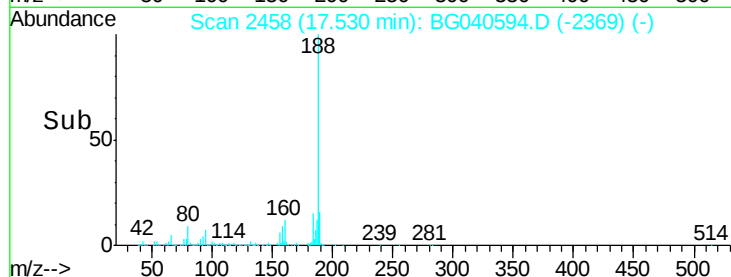
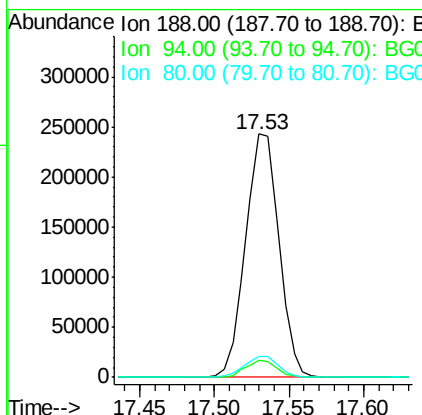
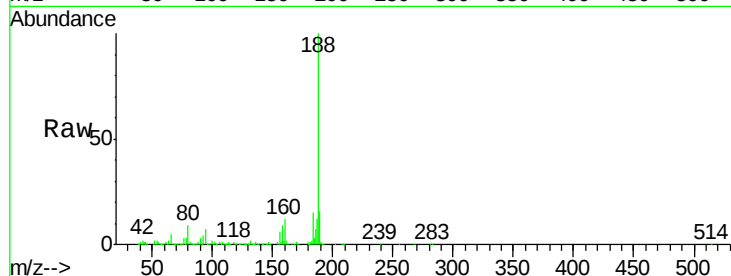
Time-->



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

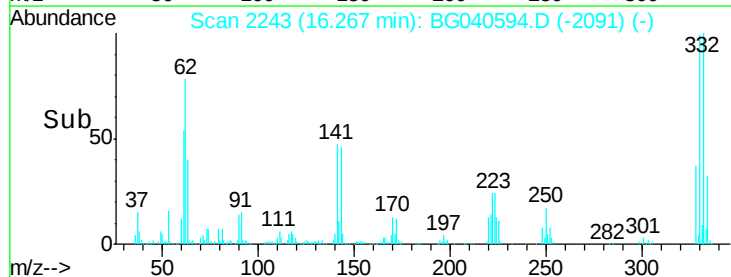
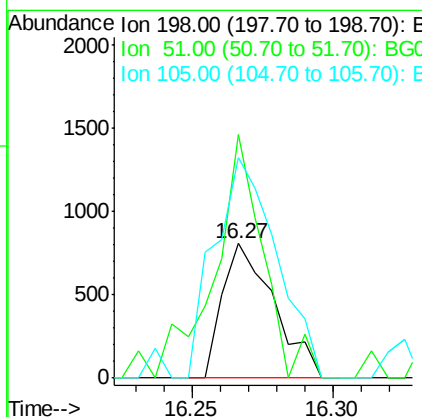
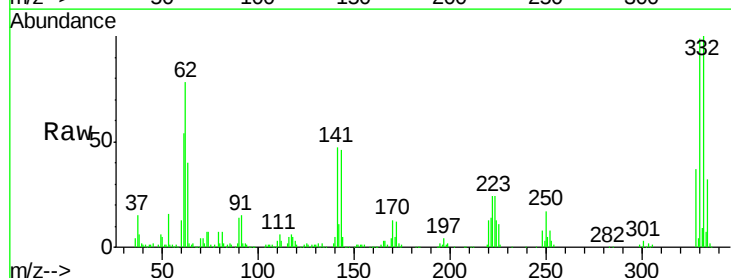
Instrument :
BNA_G
ClientSampleId :

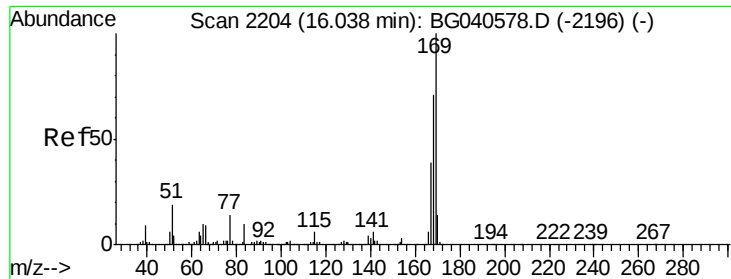
Tot Ion:188 Resp: 374202
Ion Ratio Lower Upper
188 100
94 7.1 5.6 8.4
80 8.8 6.4 9.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.569 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.36 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Tgt Ion:198 Resp: 1013
Ion Ratio Lower Upper
198 100
51 46.0 35.9 75.9
105 41.6 21.2 61.2

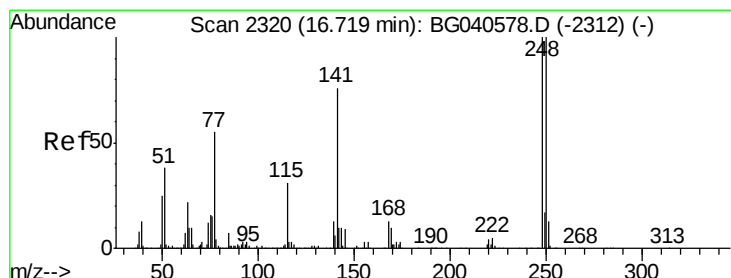
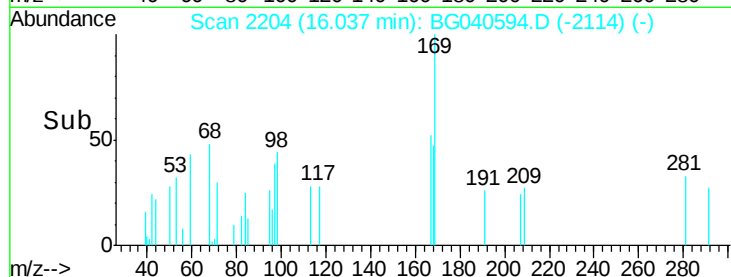
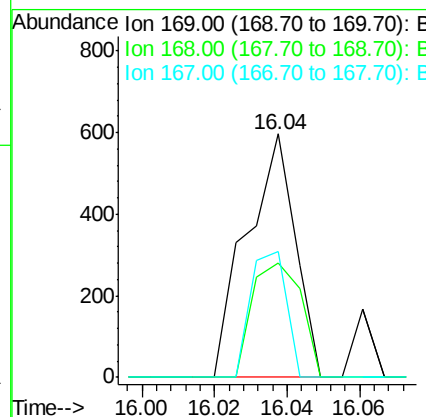
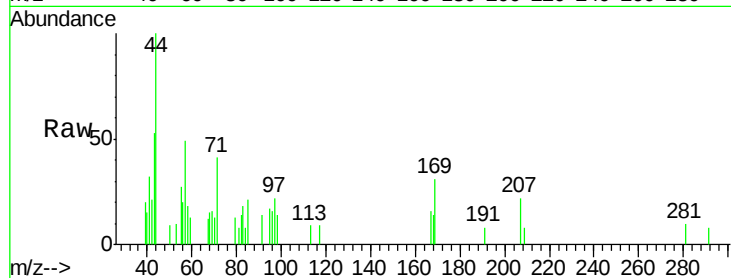




#66
 n-Nitrosodiphenylamine
 Concen: 0.050 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

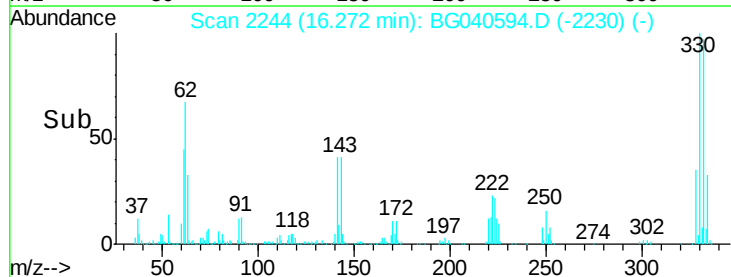
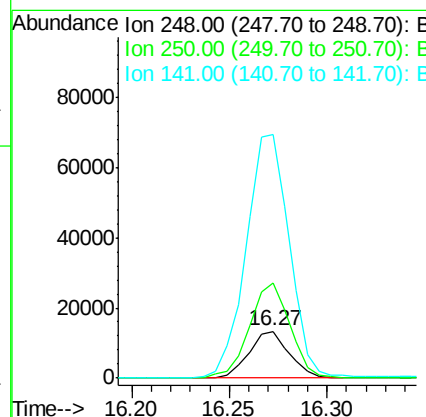
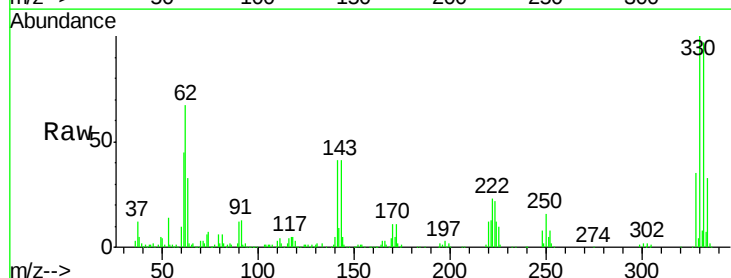
Instrument :
 BNA_G
 ClientSampleId :

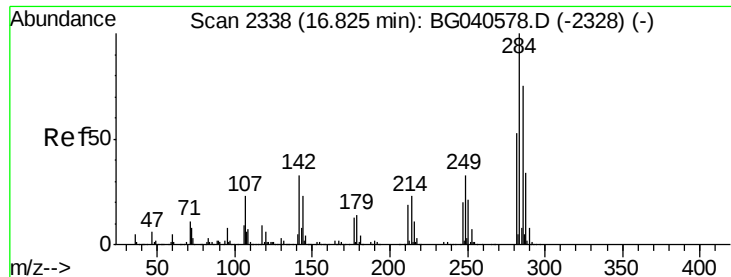
Tot Ion:169 Resp: 555
 Ion Ratio Lower Upper
 169 100
 168 46.7 56.8 85.2#
 167 51.8 31.4 47.0#



#67
 4-Bromophenyl-phenylether
 Concen: 4.112 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.45 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

Tgt Ion:248 Resp: 19170
 Ion Ratio Lower Upper
 248 100
 250 155.9 79.8 119.6#
 141 400.8 60.8 91.2#





#68

Hexachlorobenzene

Concen: 0.011 ng

RT: 16.53 min Scan# 2288

Delta R.T. -0.29 min

Lab File: BG040594.D

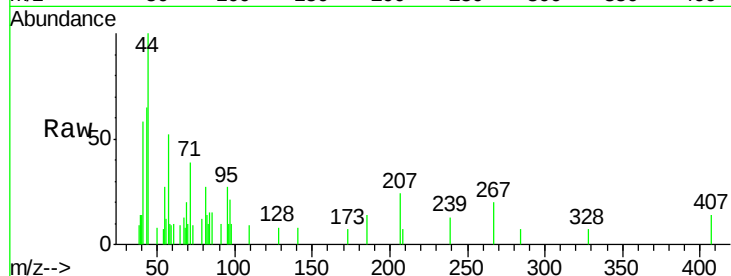
Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

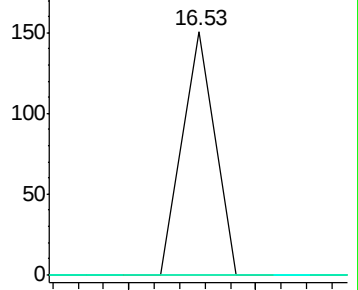
Tot Ion:	284	Resp:	53
Ion	Ratio	Lower	Upper
284	100		
142	0.0	26.6	40.0#
249	0.0	26.0	39.0#



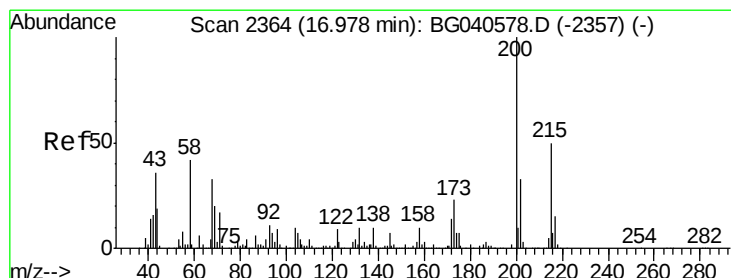
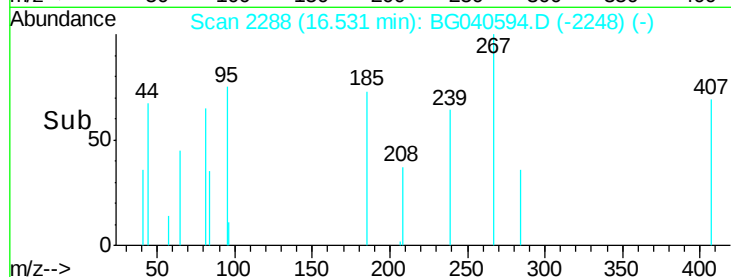
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#69

Atrazine

Concen: 0.016 ng

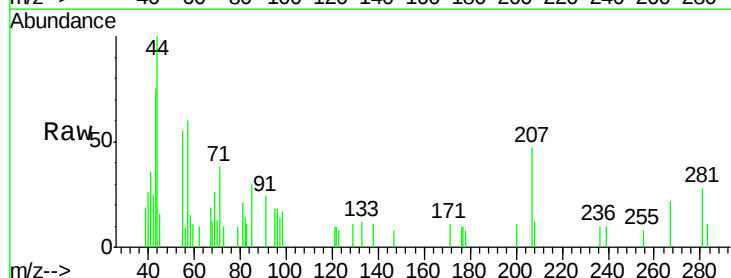
RT: 16.91 min Scan# 2353

Delta R.T. -0.06 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

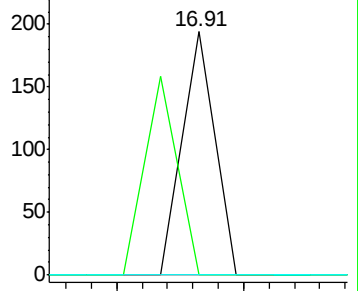
Tgt Ion:	200	Resp:	68
Ion	Ratio	Lower	Upper
200	100		
173	0.0	2.8	42.8#
215	0.0	30.2	70.2#



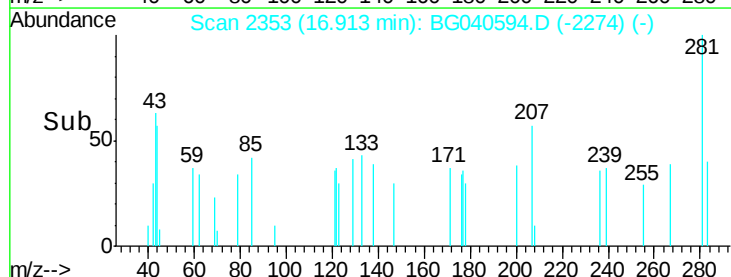
Abundance Ion 200.00 (199.70 to 200.70): E

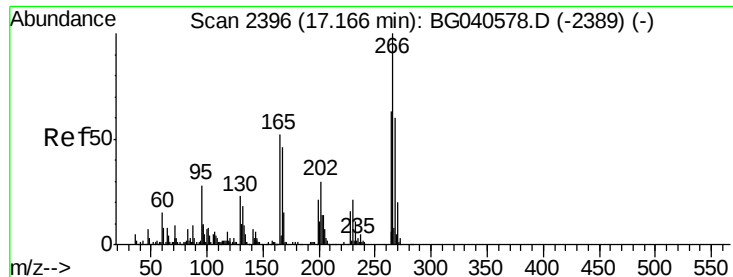
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->





#70

Pentachlorophenol

Concen: 0.019 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.19 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

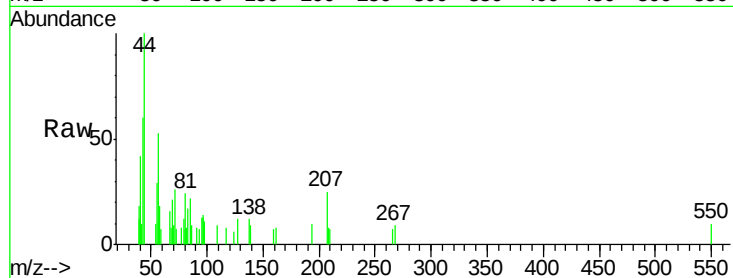
Tot Ion:266 Resp: 54

Ion Ratio Lower Upper

266 100

268 0.0 52.3 78.5#

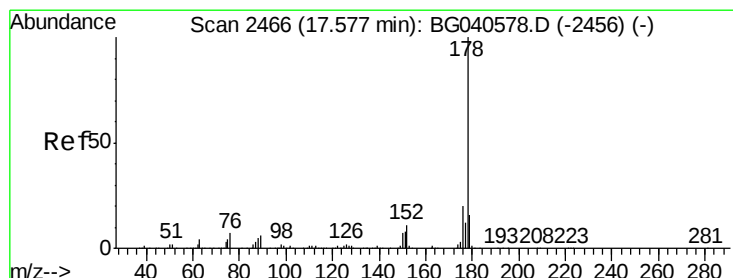
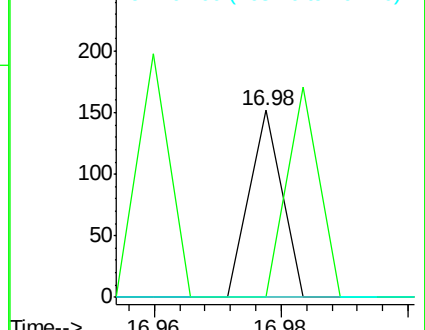
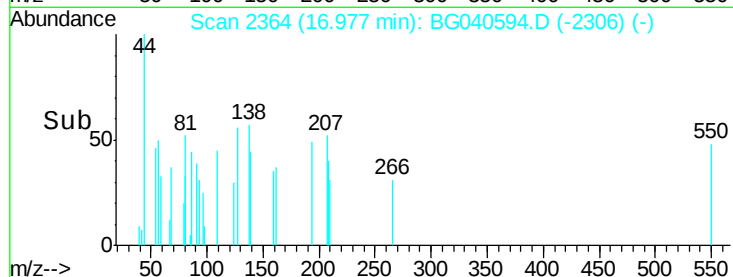
264 0.0 50.0 75.0#



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: 0.032 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

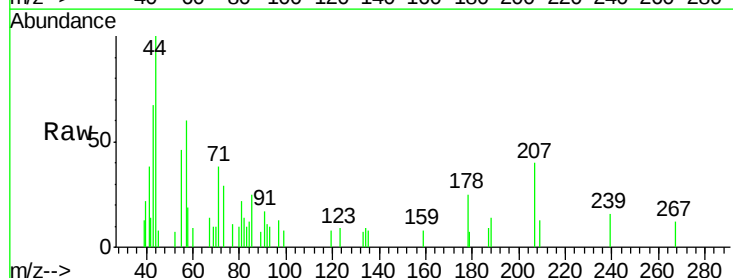
Tgt Ion:178 Resp: 652

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.6#

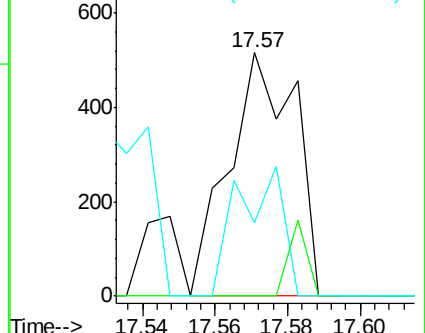
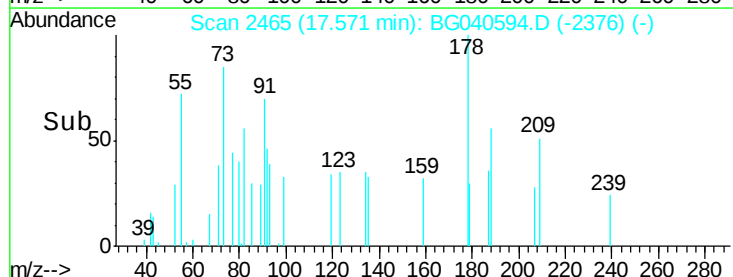
179 30.0 12.6 18.8#

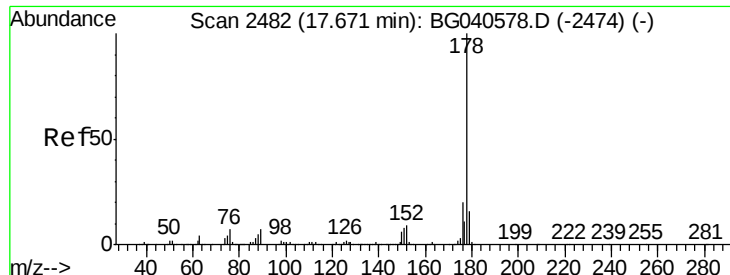


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.005 ng

RT: 17.68 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampled :

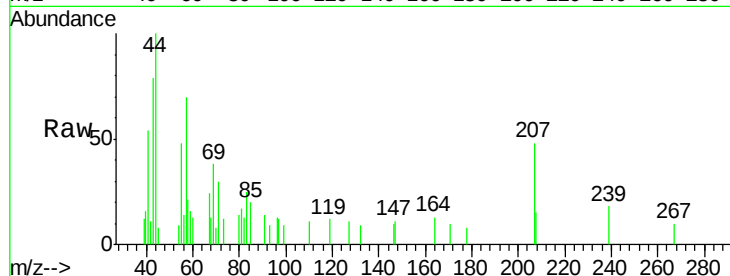
Tot Ion:178 Resp: 109

Ion Ratio Lower Upper

178 100

176 0.0 15.6 23.4#

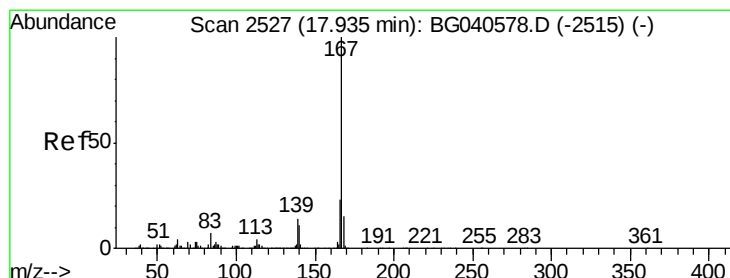
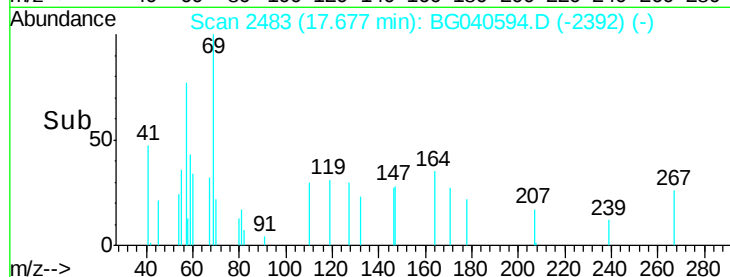
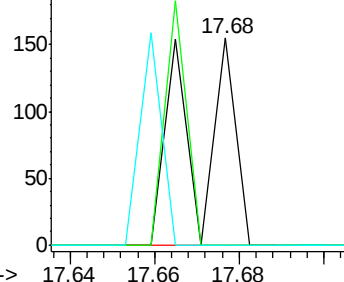
179 0.0 12.9 19.3#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.003 ng

RT: 17.94 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

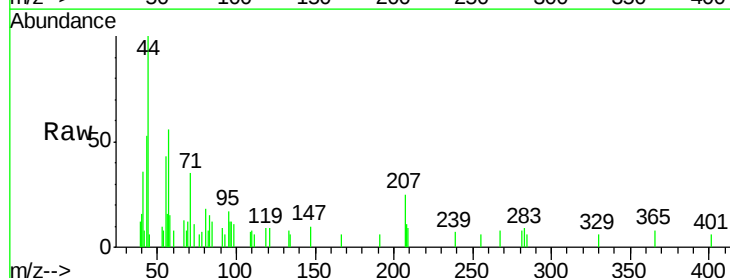
Tgt Ion:167 Resp: 53

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

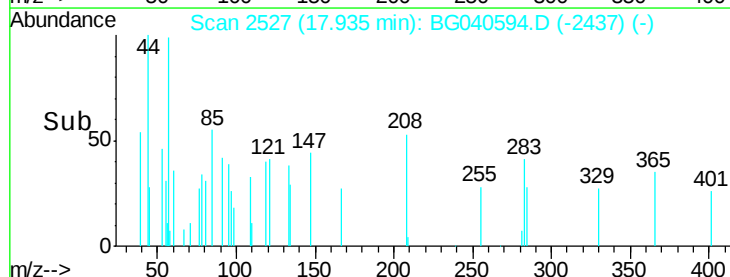
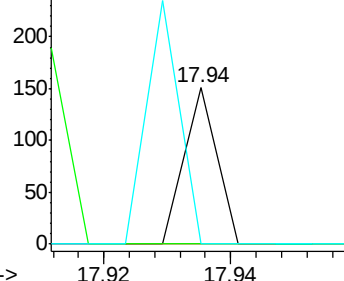
139 0.0 11.4 17.0#

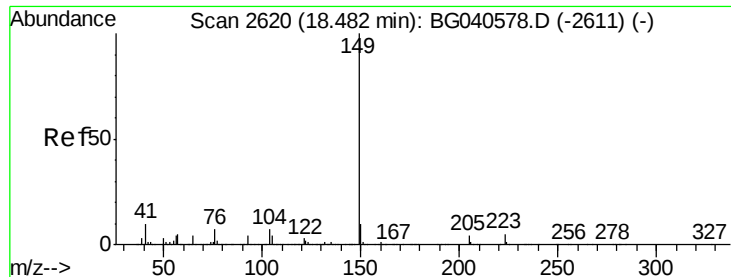


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.124 ng

RT: 18.48 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

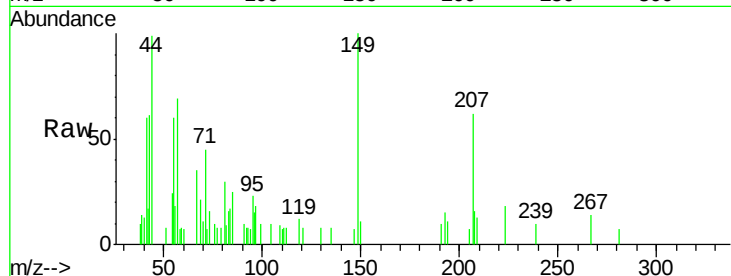
Tot Ion:149 Resp: 2769

Ion Ratio Lower Upper

149 100

150 10.6 8.2 12.2

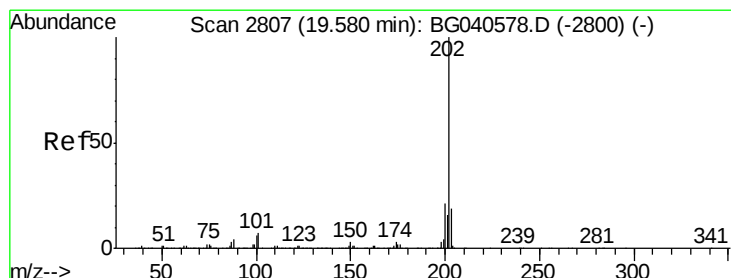
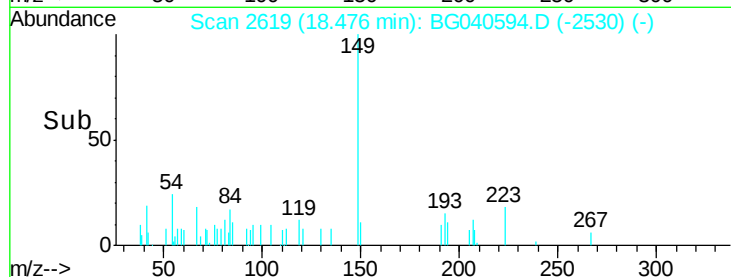
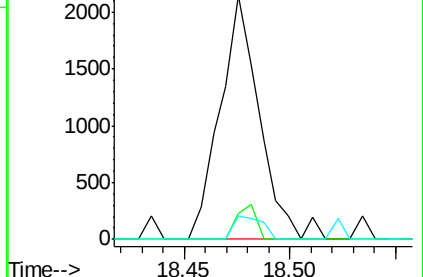
104 9.7 5.4 8.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.014 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

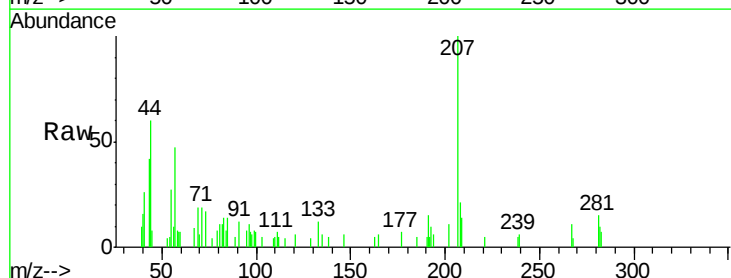
Tgt Ion:202 Resp: 349

Ion Ratio Lower Upper

202 100

101 0.0 0.0 27.5

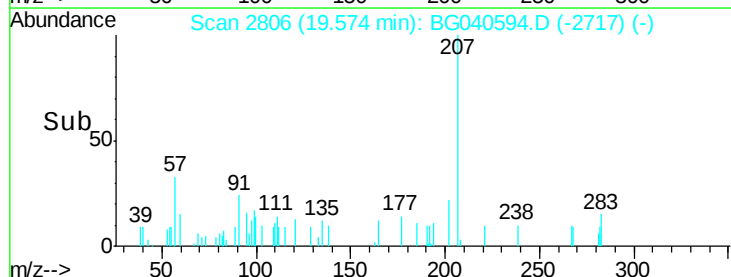
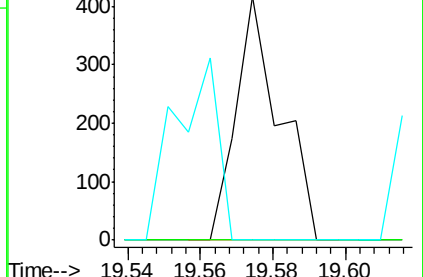
203 0.0 0.0 39.3

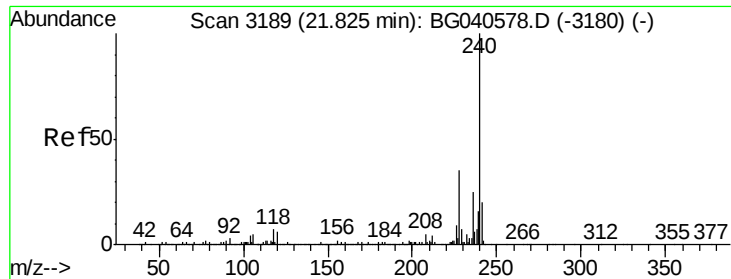


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

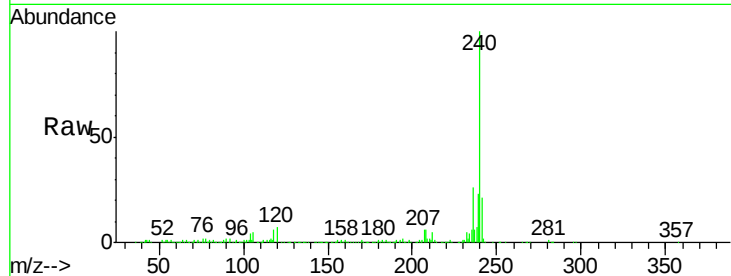
Tot Ion:240 Resp: 397194

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.0	7.6
236	26.1	20.3	30.5

240 100

120 7.1 5.0 7.6

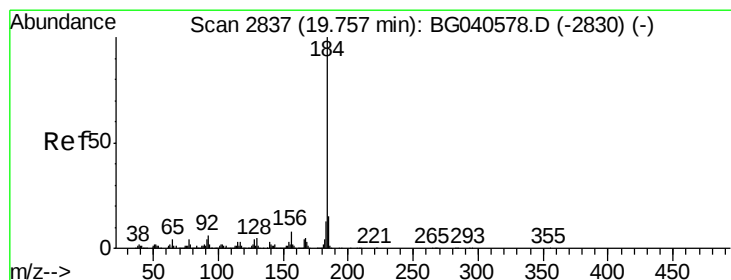
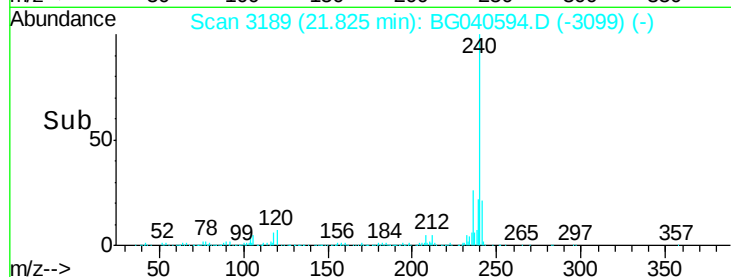
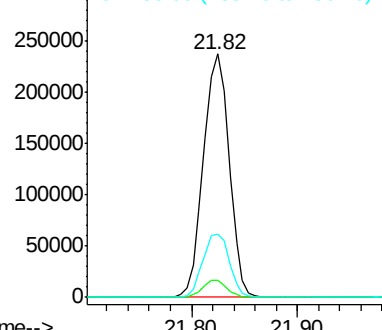
236 26.1 20.3 30.5



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: 3.171 ng

RT: 20.13 min Scan# 2901

Delta R.T. 0.38 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

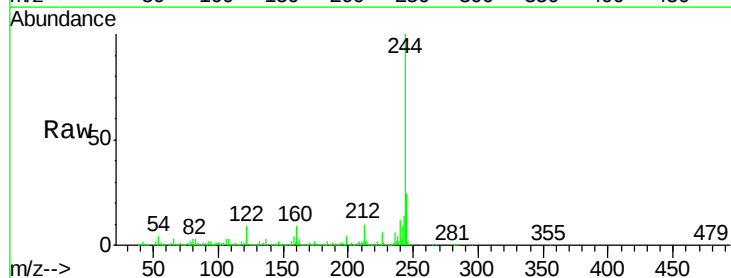
Tgt Ion:184 Resp: 34490

Ion	Ratio	Lower	Upper
184	100		
185	19.0	11.8	17.8#
183	9.1	10.2	15.2#

184 100

185 19.0 11.8 17.8#

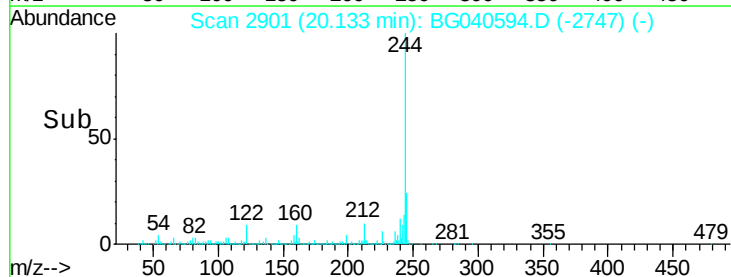
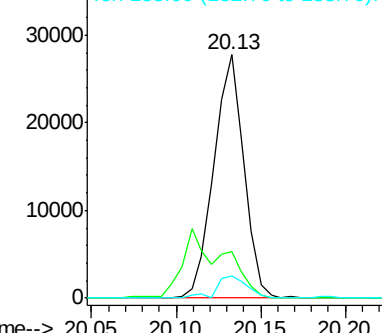
183 9.1 10.2 15.2#

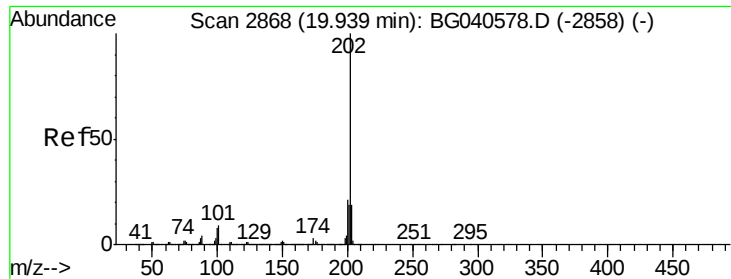


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.313 ng

RT: 20.13 min Scan# 2901

Delta R.T. 0.19 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

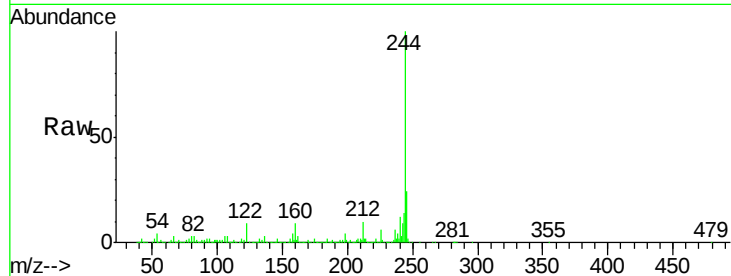
Tot Ion:202 Resp: 7787

Ion Ratio Lower Upper

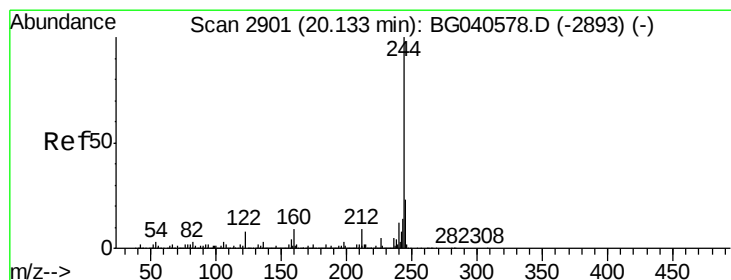
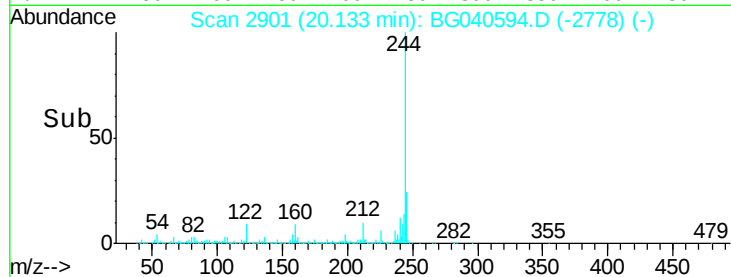
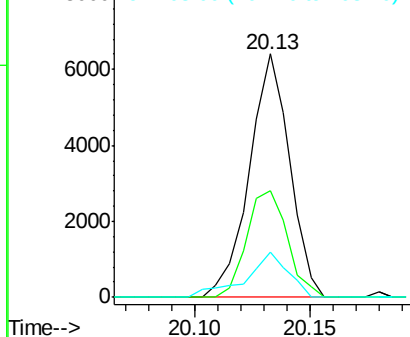
202 100

200 43.7 17.2 25.8#

203 18.8 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: 93.927 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.00 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

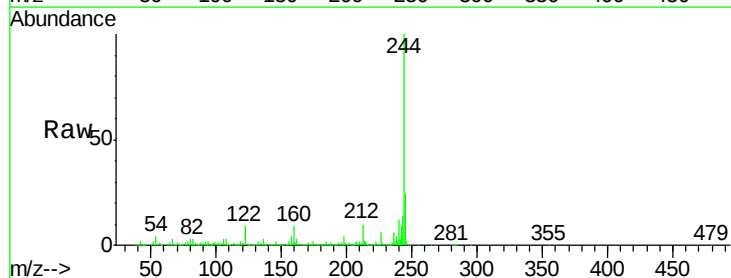
Tgt Ion:244 Resp: 1683971

Ion Ratio Lower Upper

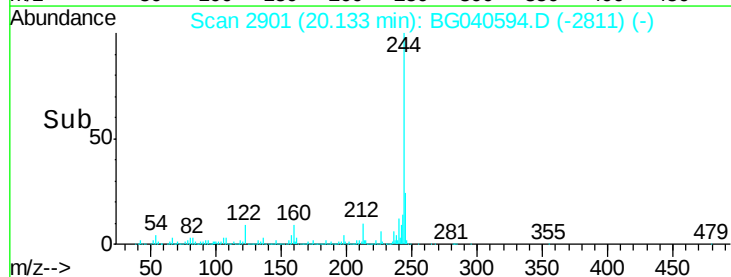
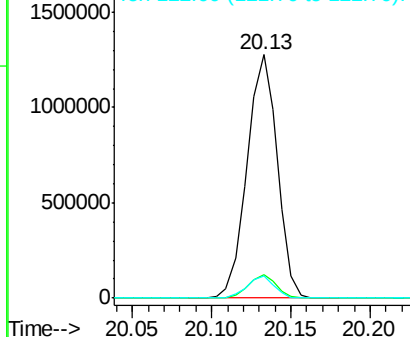
244 100

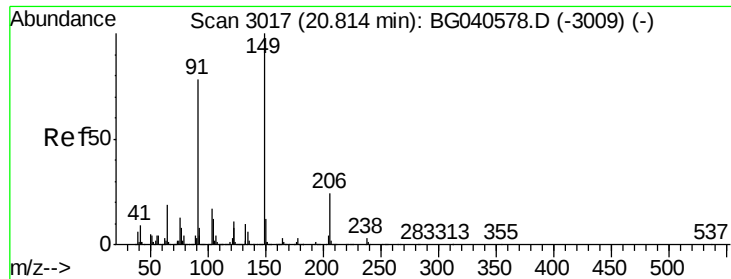
212 9.7 7.2 10.8

122 8.9 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

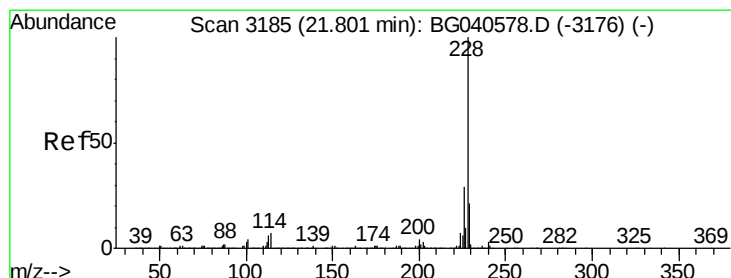
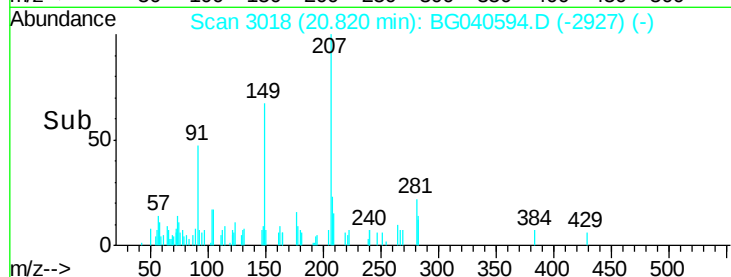
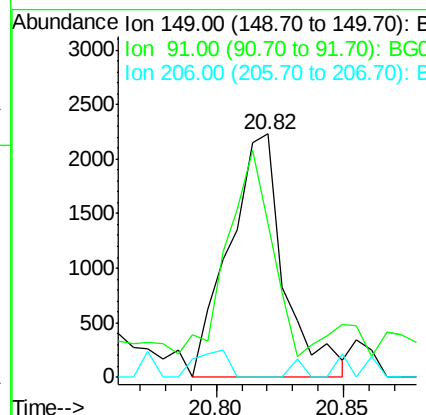
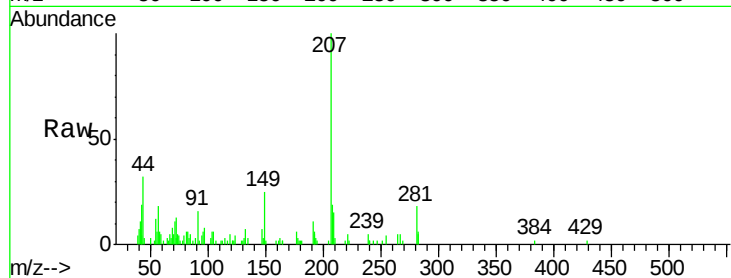




#80
Butylbenzylphthalate
Concen: 0.344 ng
RT: 20.82 min Scan# 3018
Delta R.T. 0.01 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

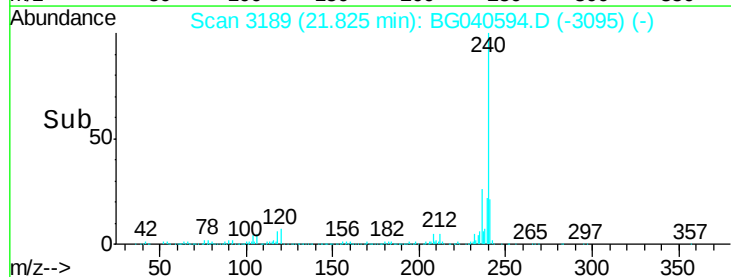
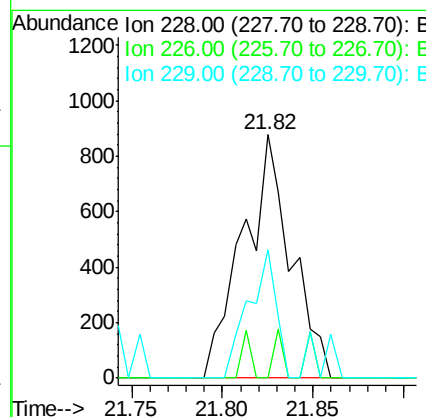
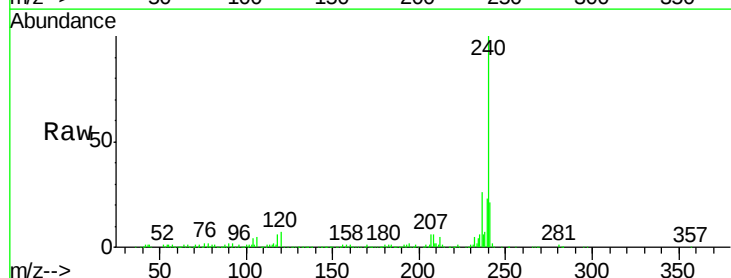
Instrument :
BNA_G
ClientSampleId :

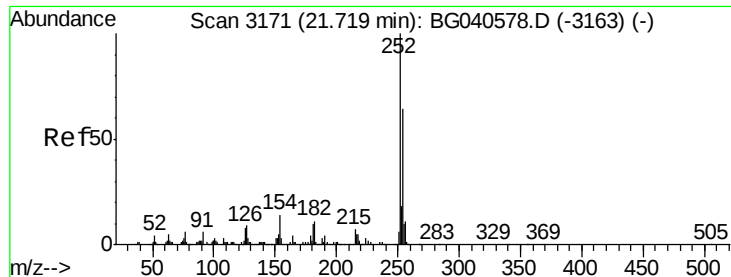
Tot Ion:149 Resp: 3336
Ion Ratio Lower Upper
149 100
91 63.2 62.6 93.8
206 0.0 19.4 29.2#



#81
Benzo(a)anthracene
Concen: 0.065 ng
RT: 21.82 min Scan# 3189
Delta R.T. 0.02 min
Lab File: BG040594.D
Acq: 24 Apr 2019 15:23

Tgt Ion:228 Resp: 1622
Ion Ratio Lower Upper
228 100
226 0.0 23.1 34.7#
229 52.7 17.0 25.4#





#82

3,3'-Dichlorobenzidine

Concen: 0.007 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG040594.D

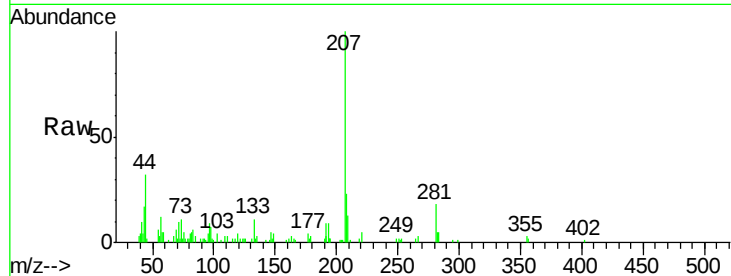
Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampled :

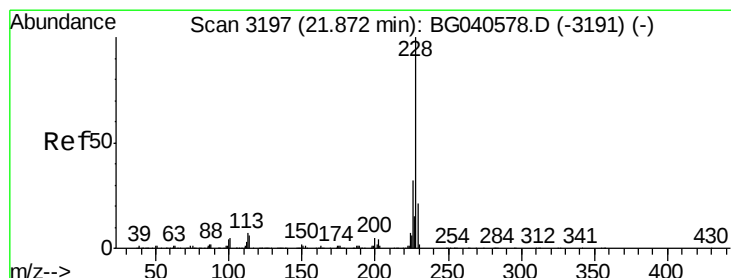
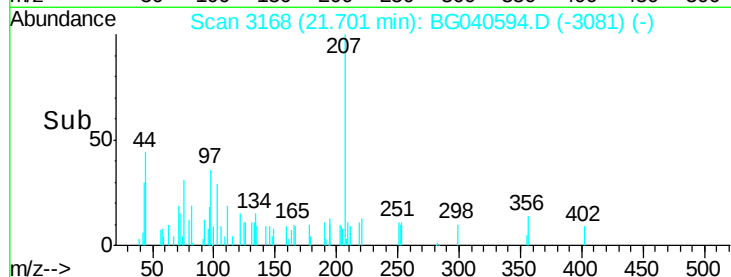
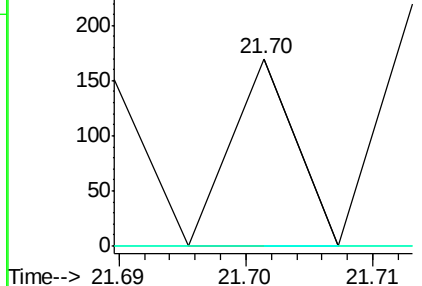
Tot Ion:252	Resp:	60
Ion Ratio	Lower	Upper
252	100	
254	0.0	51.2 76.8#
126	0.0	6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.068 ng

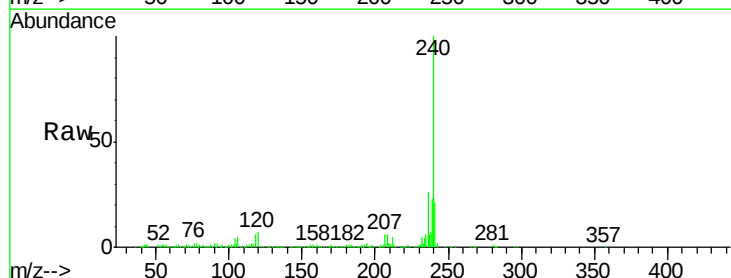
RT: 21.82 min Scan# 3189

Delta R.T. -0.05 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

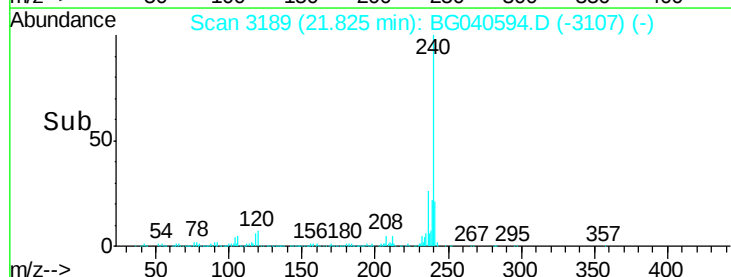
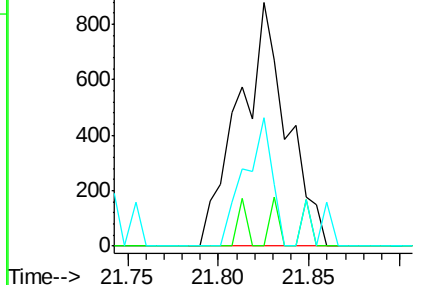
Tgt Ion:228	Resp:	1622
Ion Ratio	Lower	Upper
228	100	
226	0.0	25.5 38.3#
229	52.7	16.8 25.2#

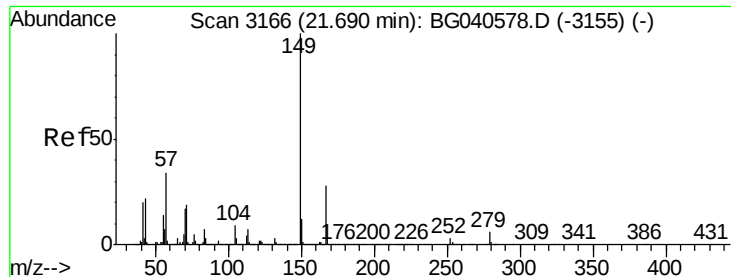


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.050 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

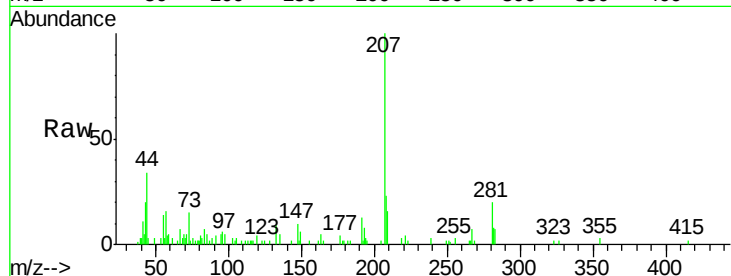
Tot Ion:149 Resp: 705

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

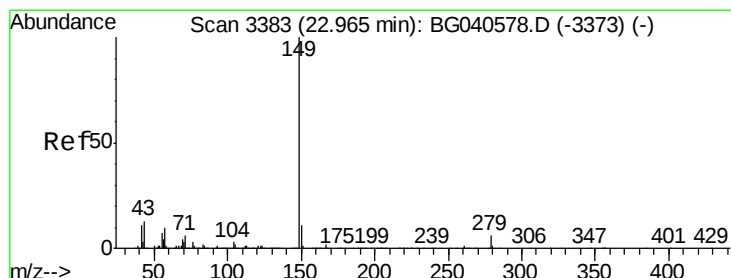
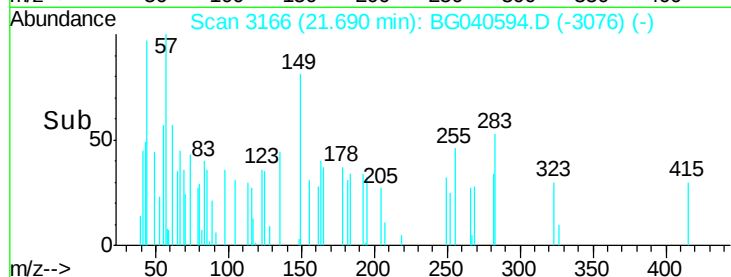
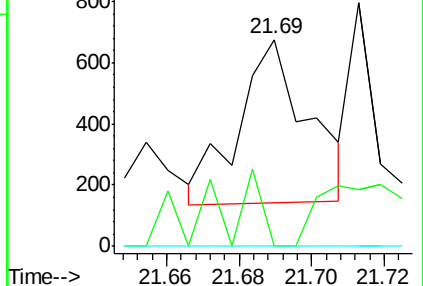
279 0.0 4.6 6.8#



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: 0.015 ng

RT: 22.94 min Scan# 3379

Delta R.T. -0.02 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

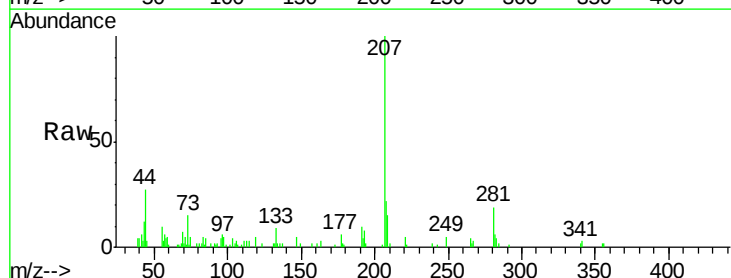
Tgt Ion:149 Resp: 362

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.2#

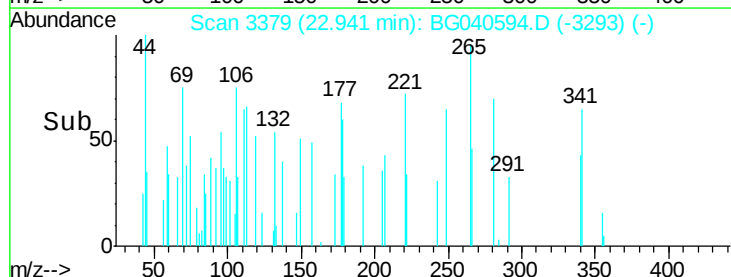
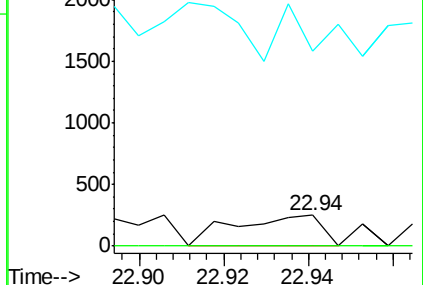
43 0.0 10.2 15.2#

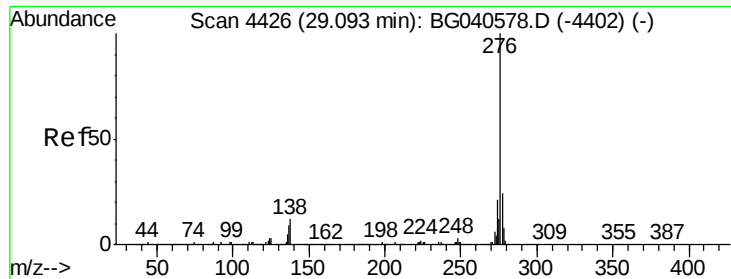


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

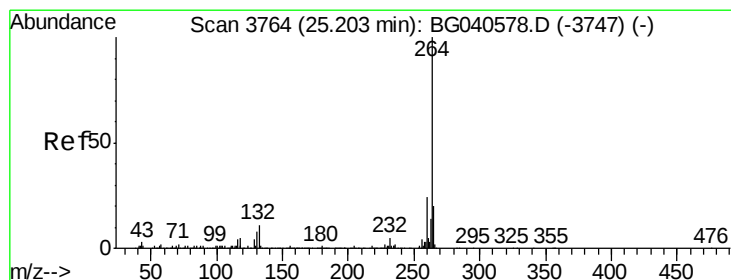
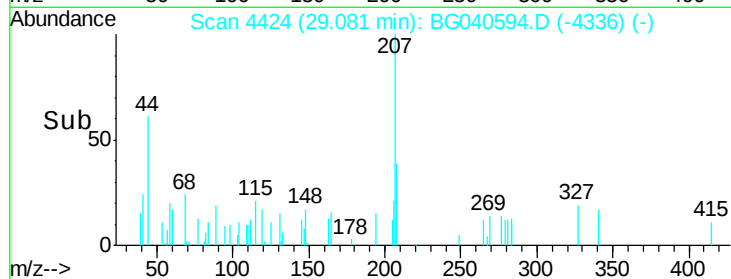
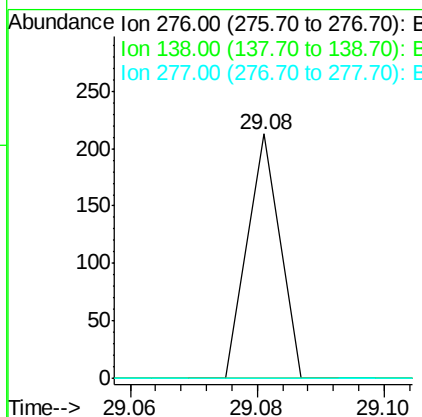
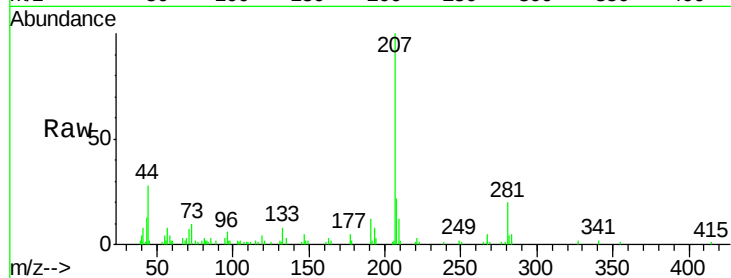




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.003 ng
 RT: 29.08 min Scan# 4424
 Delta R.T. -0.01 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

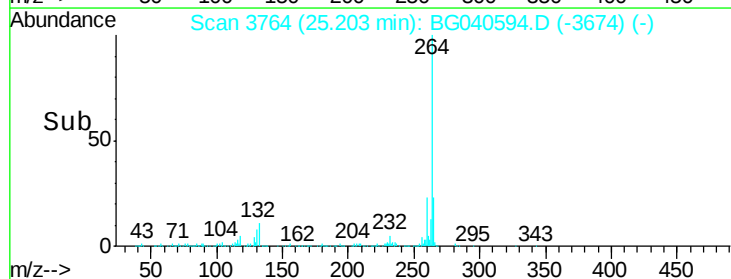
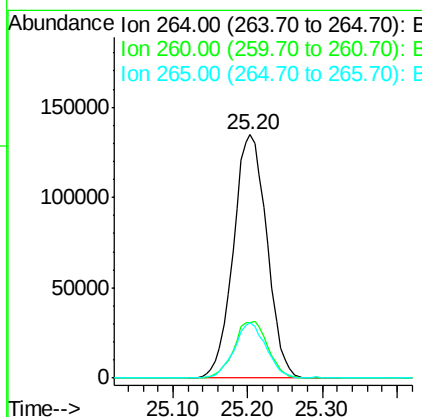
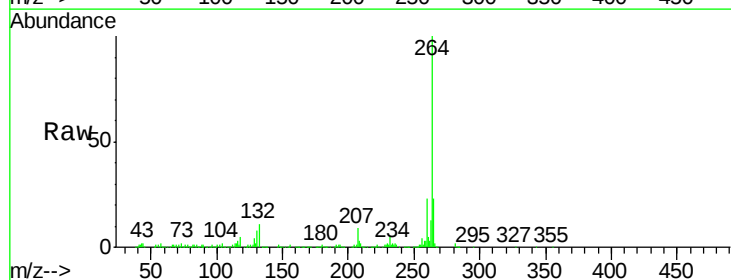
Instrument :
 BNA_G
 ClientSampled :

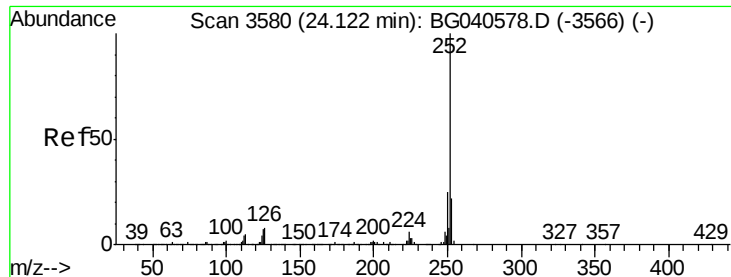
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	9.8	14.6#
277	0.0	17.3	25.9#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. -0.00 min
 Lab File: BG040594.D
 Acq: 24 Apr 2019 15:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.9	16.6	25.0





#88

Benzo(b)fluoranthene

Concen: 0.010 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampleId :

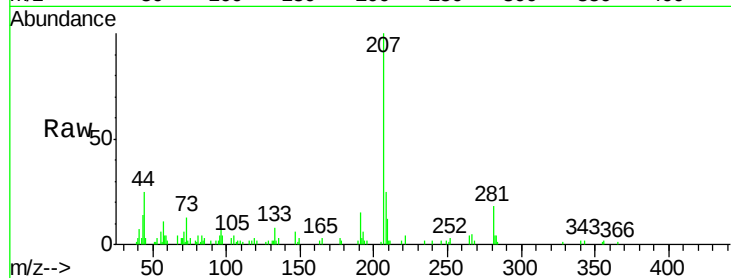
Tot Ion:252 Resp: 268

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

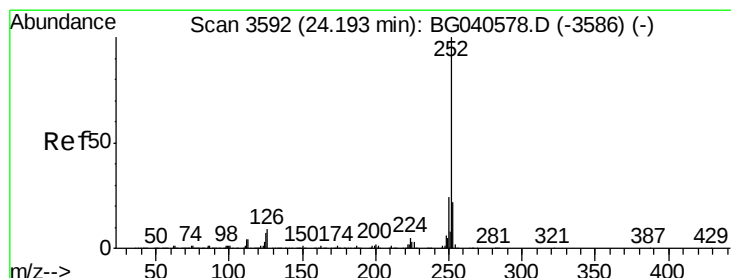
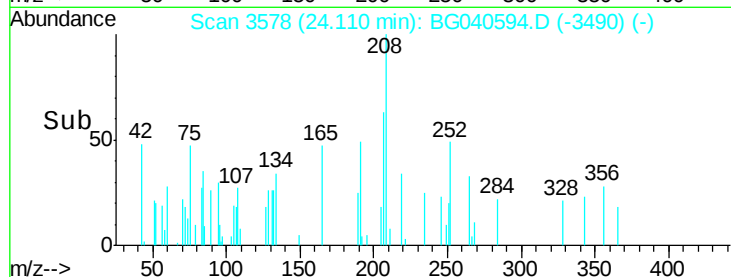
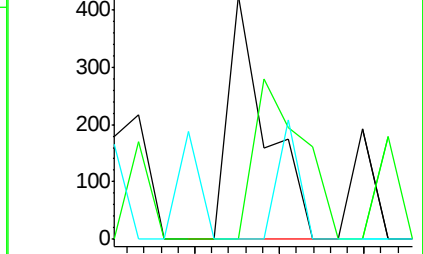
125 0.0 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 24.17 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

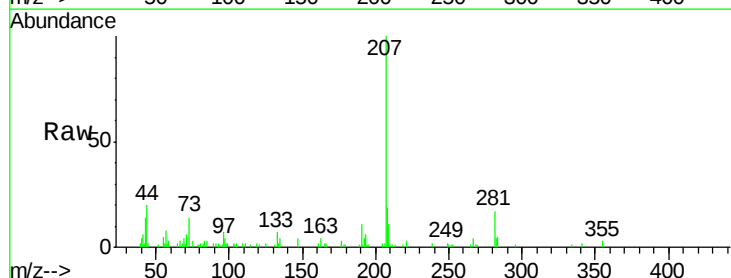
Tgt Ion:252 Resp: 64

Ion Ratio Lower Upper

252 100

253 104.9 17.6 26.4#

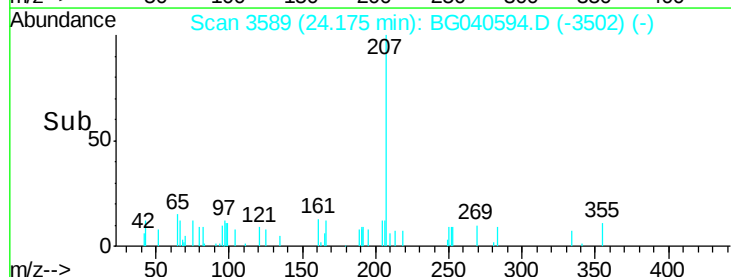
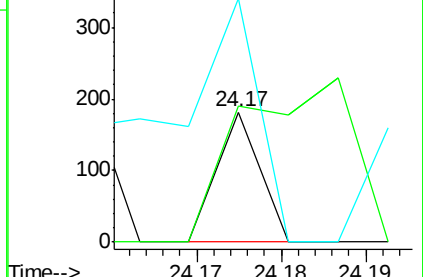
125 186.8 5.5 8.3#

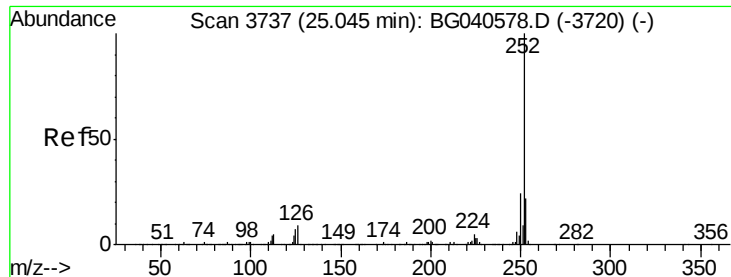


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.003 ng

RT: 25.06 min Scan# 3739

Delta R.T. 0.01 min

Lab File: BG040594.D

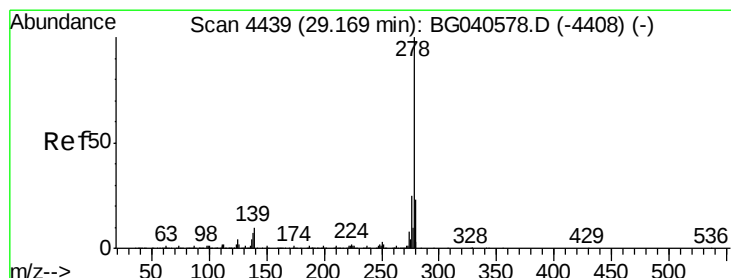
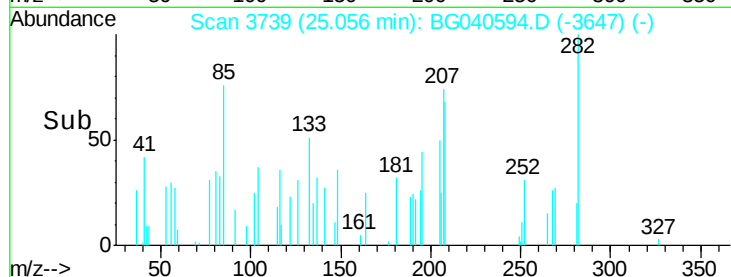
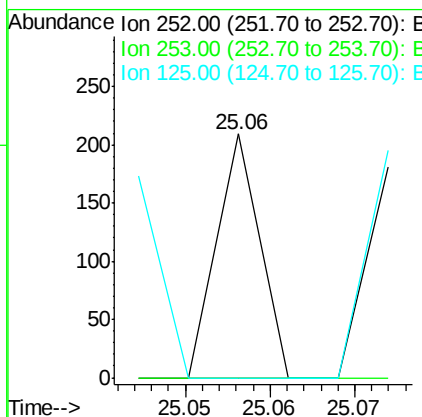
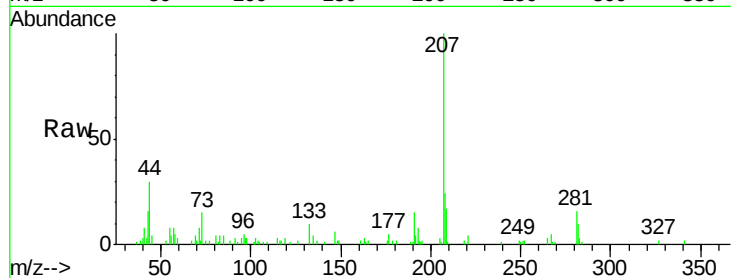
Acq: 24 Apr 2019 15:23

Instrument :

BNA_G

ClientSampled :

Tot Ion:	252	Resp:	74
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.6#
125	0.0	5.7	8.5#



#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 29.10 min Scan# 4428

Delta R.T. -0.06 min

Lab File: BG040594.D

Acq: 24 Apr 2019 15:23

Tgt Ion:	278	Resp:	78
Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.2	12.4#
279	0.0	18.5	27.7#

