

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040217.D
 Acq On : 29 Mar 2019 3:03
 Operator : JU/SJ
 Sample : K2107-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Mar 29 05:50:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	55127	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	232765	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	148090	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	362738	20.00	ng	0.00
76) Chrysene-d12	21.72	240	362318	20.00	ng	0.00
87) Perylene-d12	25.03	264	374806	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	419651	126.55	ng	0.00
7) Phenol-d6	7.22	99	540087	117.85	ng	0.00
23) Nitrobenzene-d5	9.24	82	380595	86.91	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	238785	149.20	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	849302	84.98	ng	0.00
79) Terphenyl-d14	20.04	244	1396278	86.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	53427	34.264	ng	# 1
3) Pyridine	3.93	79	134926	32.139	ng	98
4) n-Nitrosodimethylamine	3.85	42	68880	35.469	ng	# 88
6) Aniline	7.40	93	71119	11.944	ng	97
8) 2-Chlorophenol	7.64	128	164638	42.413	ng	97
9) Benzaldehyde	7.21	77	38251	12.168	ng	97
10) Phenol	7.25	94	186013	37.394	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	163097	40.937	ng	98
12) 1,3-Dichlorobenzene	7.96	146	155976	36.963	ng	98
13) 1,4-Dichlorobenzene	8.11	146	159553	37.964	ng	100
14) 1,2-Dichlorobenzene	8.42	146	150263	37.387	ng	97
15) Benzyl Alcohol	8.31	79	148946	40.356	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	295014	38.582	ng	98
17) 2-Methylphenol	8.50	107	146795	42.647	ng	98
18) Hexachloroethane	9.15	117	56932	35.613	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	130848	39.822	ng	97
20) 3+4-Methylphenols	8.83	107	198479	42.564	ng	97
22) Acetophenone	8.90	105	255401	43.987	ng	# 98
24) Nitrobenzene	9.29	77	189263	41.737	ng	97
25) Isophorone	9.80	82	382208	42.419	ng	99
26) 2-Nitrophenol	10.00	139	90931	42.319	ng	96
27) 2,4-Dimethylphenol	10.04	122	168146	49.265	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	227366	42.652	ng	99
29) 2,4-Dichlorophenol	10.53	162	172819	46.649	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	165516	40.688	ng	99
31) Naphthalene	10.94	128	498002	41.741	ng	99
32) Benzoic acid	10.04	122	168146	81.538	ng	# 16
33) 4-Chloroaniline	11.05	127	12173	2.392	ng	# 91
34) Hexachlorobutadiene	11.20	225	98752	37.958	ng	93
35) Caprolactam	11.83	113	27126	18.451	ng	98
36) 4-Chloro-3-methylphenol	12.16	107	195029	45.792	ng	99
37) 2-Methylnaphthalene	12.54	142	377274	42.756	ng	99
38) 1-Methylnaphthalene	12.75	142	362987	42.422	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	197602	41.982	ng	99

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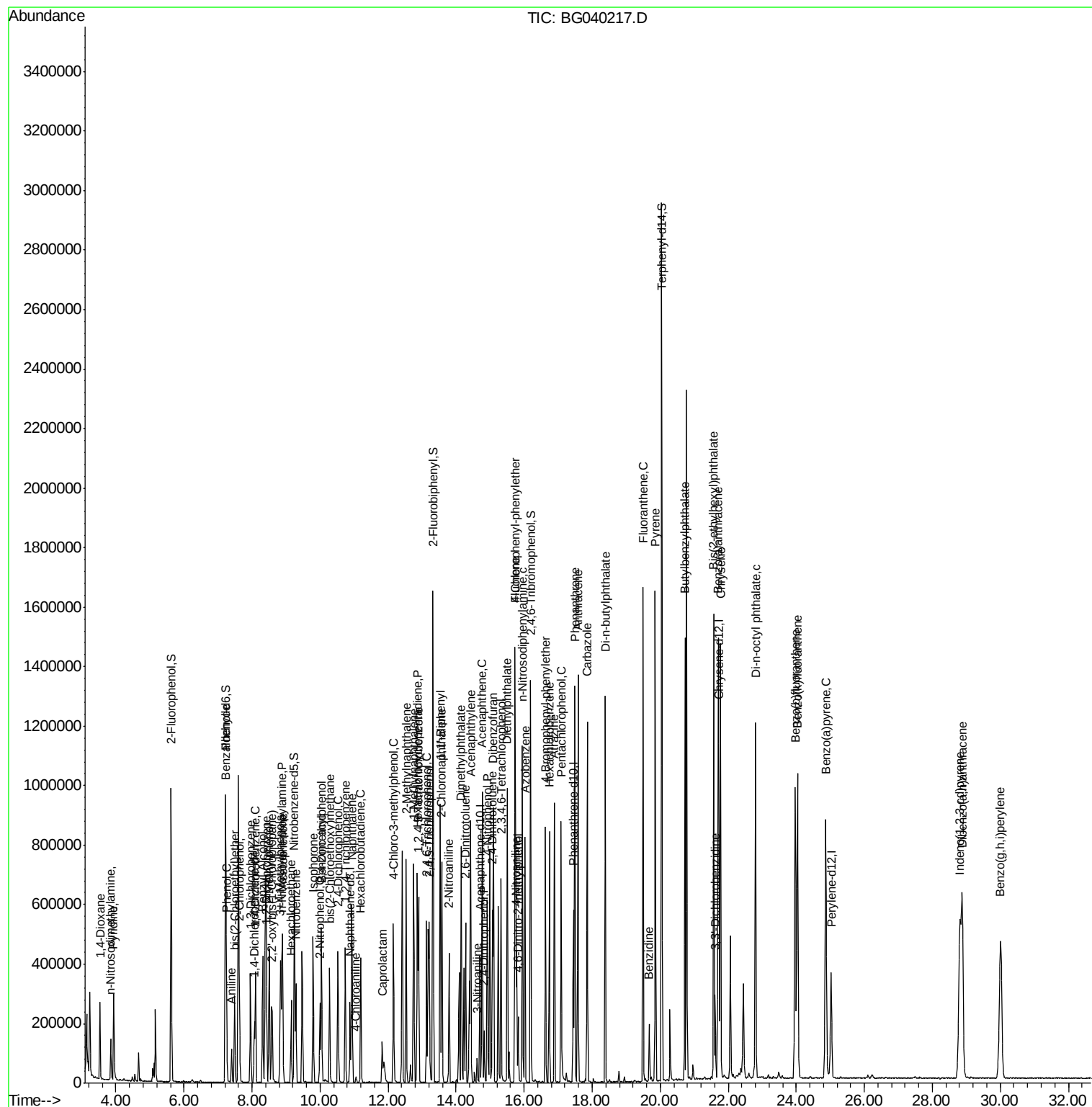
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	213537	82.626	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	144054	47.470	ng	95
44) 2,4,5-Trichlorophenol	13.21	196	151415	45.777	ng	97
46) 1,1'-Biphenyl	13.53	154	492685	42.106	ng	100
47) 2-Chloronaphthalene	13.58	162	383502	42.728	ng	99
48) 2-Nitroaniline	13.79	65	131911	43.571	ng	97
49) Acenaphthylene	14.43	152	648170	42.593	ng	100
50) Dimethylphthalate	14.15	163	525605	45.349	ng	99
51) 2,6-Dinitrotoluene	14.28	165	120927	46.467	ng	98
52) Acenaphthene	14.77	154	379003	43.464	ng	96
53) 3-Nitroaniline	14.62	138	23129	8.396	ng	# 98
54) 2,4-Dinitrophenol	14.82	184	41358	29.883	ng	95
55) Dibenzofuran	15.10	168	621857	44.381	ng	99
56) 4-Nitrophenol	14.92	139	172828	77.735	ng	93
57) 2,4-Dinitrotoluene	15.07	165	170038	47.023	ng	98
58) Fluorene	15.74	166	493640	44.810	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.32	232	145474	48.466	ng	99
60) Diethylphthalate	15.50	149	547458	46.160	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	265313	45.056	ng	98
62) 4-Nitroaniline	15.78	138	121403	41.066	ng	98
63) Azobenzene	16.03	77	498118	44.526	ng	99
65) 4,6-Dinitro-2-methylphenol	15.83	198	50636	24.847	ng	97
66) n-Nitrosodiphenylamine	15.95	169	465990	43.900	ng	97
67) 4-Bromophenyl-phenylether	16.63	248	177794	43.555	ng	99
68) Hexachlorobenzene	16.74	284	181306	44.174	ng	95
69) Atrazine	16.89	200	176859	44.790	ng	96
70) Pentachlorophenol	17.09	266	169143	71.282	ng	96
71) Phenanthrene	17.49	178	849719	44.567	ng	100
72) Anthracene	17.58	178	874383	45.818	ng	99
73) Carbazole	17.85	167	821109	45.464	ng	100
74) Di-n-butylphthalate	18.39	149	972028	45.405	ng	99
75) Fluoranthene	19.50	202	1045057	46.289	ng	99
77) Benzidine	19.68	184	116785	8.926	ng	97
78) Pyrene	19.86	202	1054576	44.261	ng	99
80) Butylbenzylphthalate	20.73	149	447465	43.888	ng	98
81) Benzo(a)anthracene	21.71	228	961808	43.098	ng	100
82) 3,3'-Dichlorobenzidine	21.62	252	98376	11.588	ng	99
83) Chrysene	21.77	228	930410	43.380	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	629322	43.180	ng	99
85) Di-n-octyl phthalate	22.80	149	1075782	43.324	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	1164248	44.383	ng	# 91
88) Benzo(b)fluoranthene	23.97	252	1023773	44.615	ng	99
89) Benzo(k)fluoranthene	24.04	252	989221	46.877	ng	99
90) Benzo(a)pyrene	24.87	252	994146	46.174	ng	100
91) Dibenzo(a,h)anthracene	28.87	278	940883	47.053	ng	99
92) Benzo(g,h,i)perylene	30.00	276	964011	46.910	ng	98

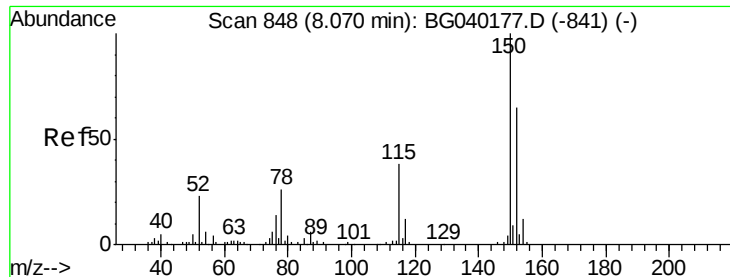
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

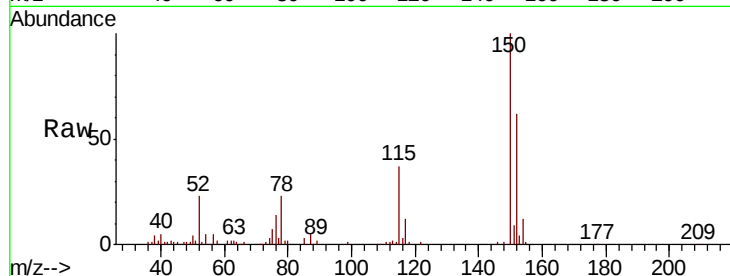
Tgt Ion:152 Resp: 55127

Ion Ratio Lower Upper

152 100

150 160.6 123.7 185.5

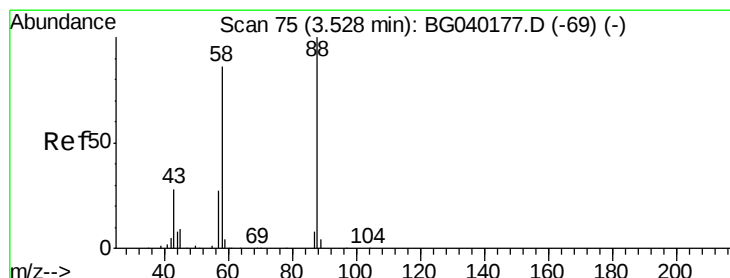
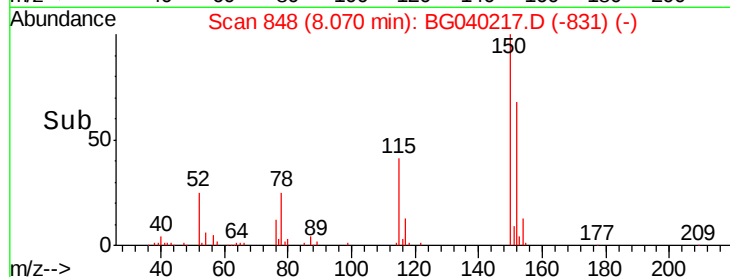
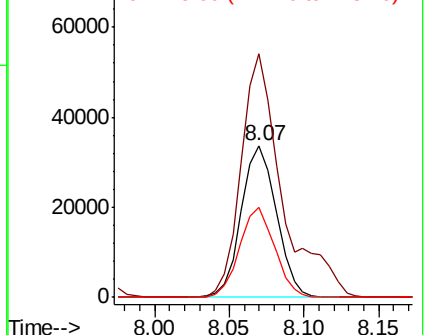
115 59.7 46.9 70.3



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: 34.264 ng

RT: 3.53 min Scan# 76

Delta R.T. 0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

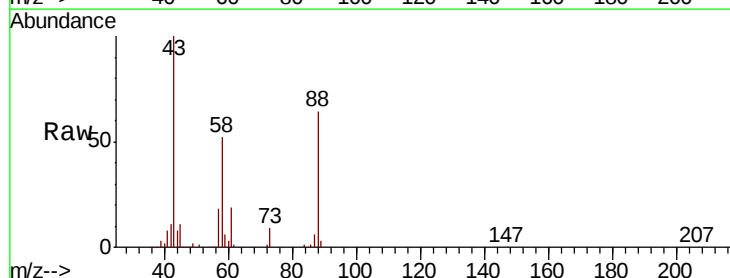
Tgt Ion: 88 Resp: 53427

Ion Ratio Lower Upper

88 100

58 86.8 70.6 106.0

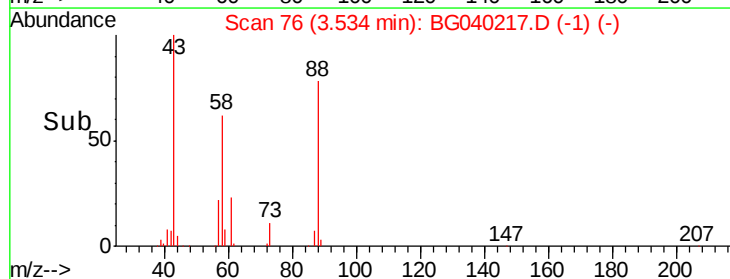
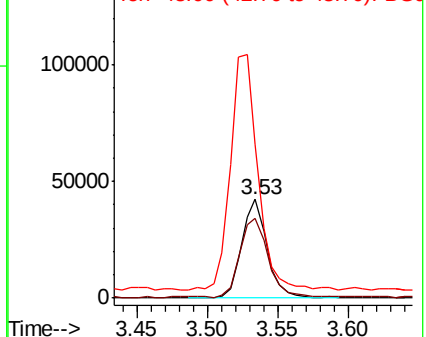
43 257.1 24.8 37.2#

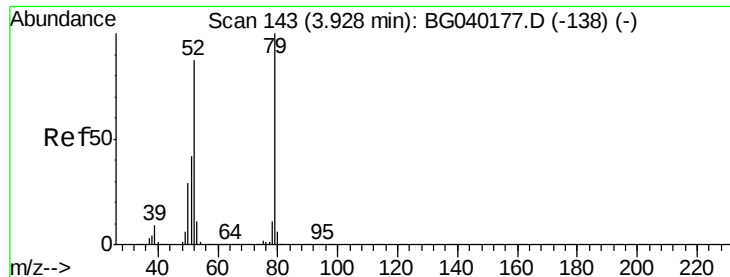


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.139 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

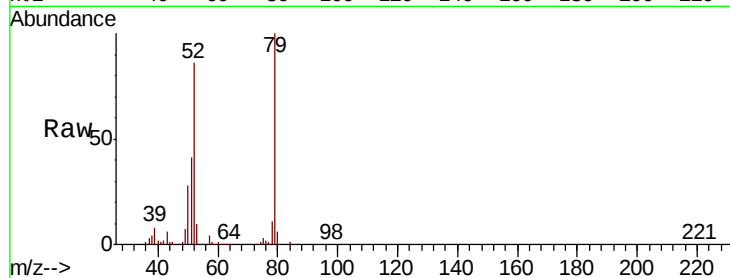
Tgt Ion: 79 Resp: 134926

Ion Ratio Lower Upper

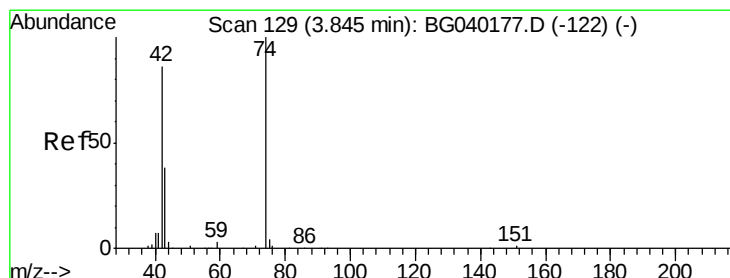
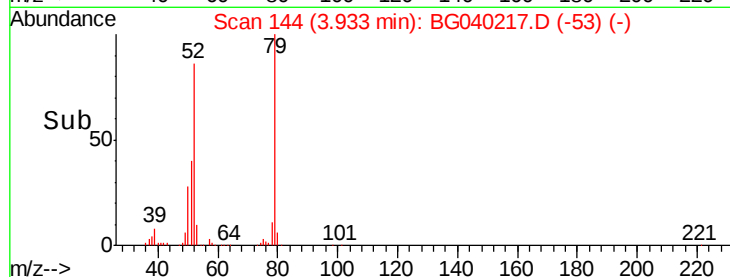
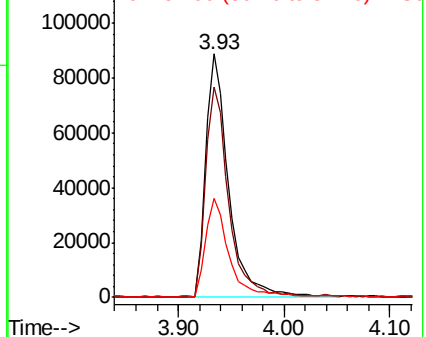
79 100

52 86.2 69.8 104.8

51 40.7 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.469 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

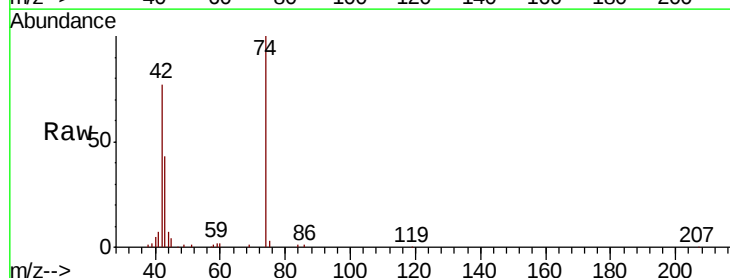
Tgt Ion: 42 Resp: 68880

Ion Ratio Lower Upper

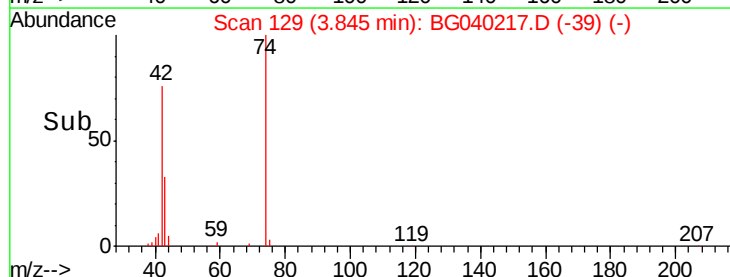
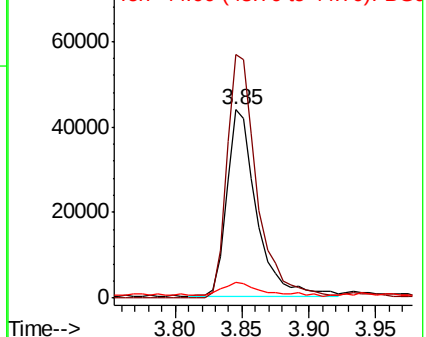
42 100

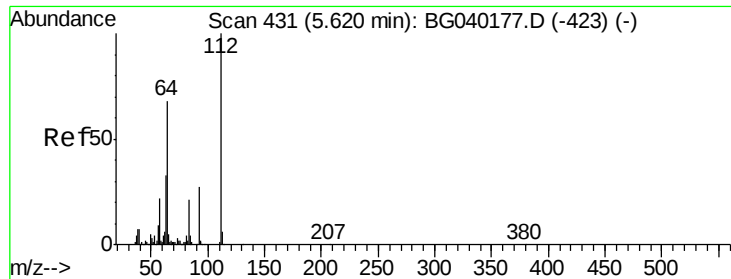
74 129.2 92.9 139.3

44 8.7 9.7 14.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.550 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG040217.D

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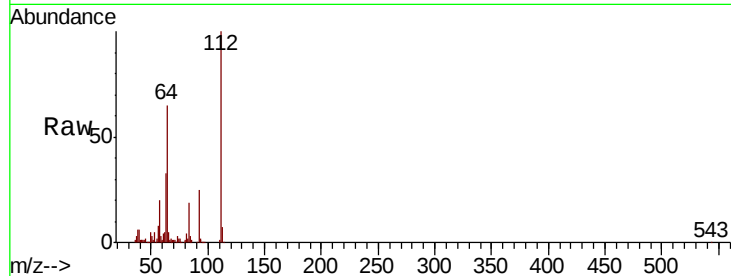
Tgt Ion: 112 Resp: 419651

Ion Ratio Lower Upper

112 100

64 65.0 54.2 81.2

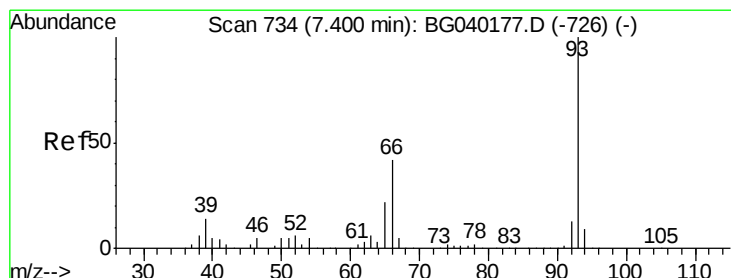
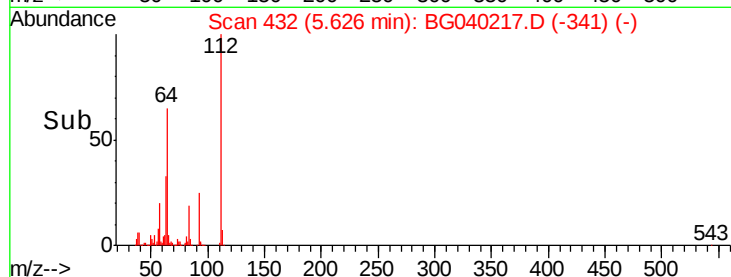
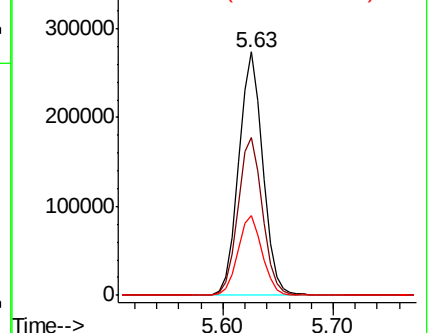
63 32.7 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.944 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

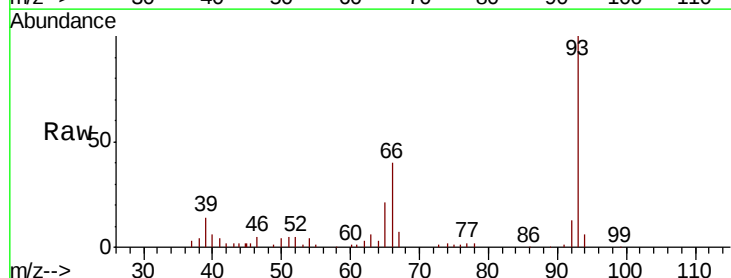
Tgt Ion: 93 Resp: 71119

Ion Ratio Lower Upper

93 100

66 39.7 33.6 50.4

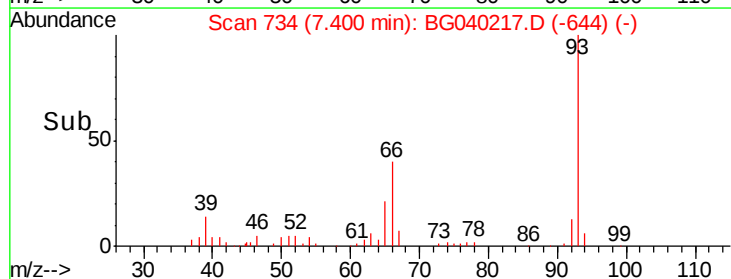
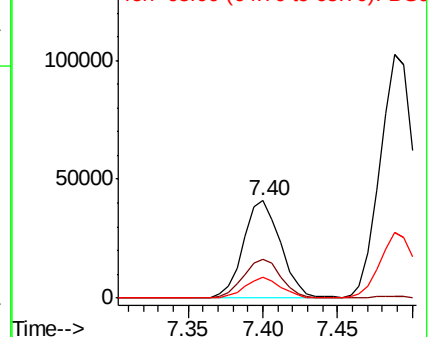
65 21.0 17.4 26.2

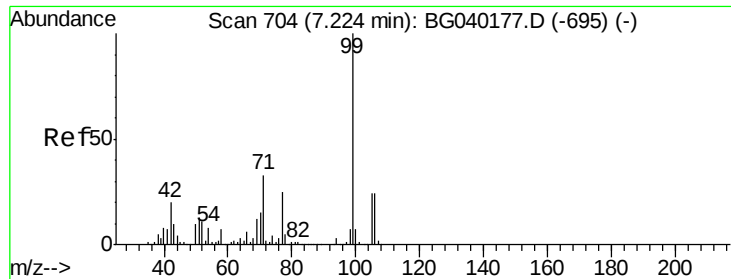


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.849 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

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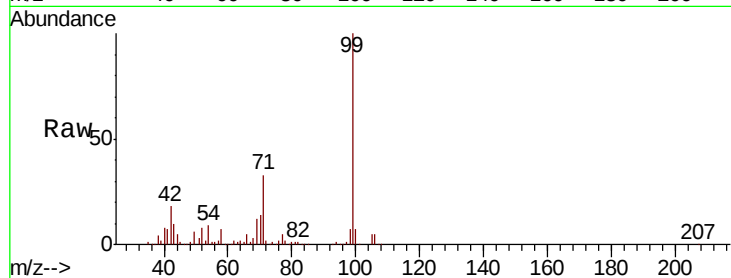
Tgt Ion: 99 Resp: 540087

Ion Ratio Lower Upper

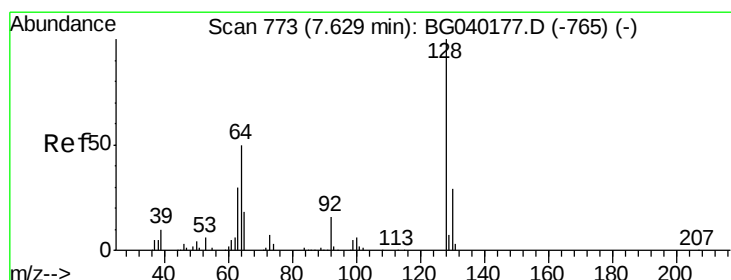
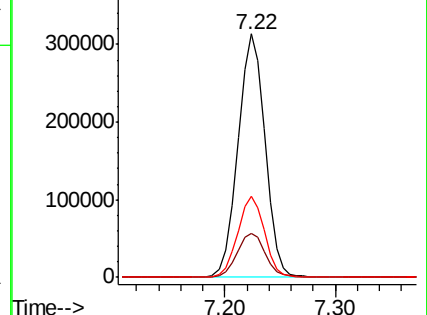
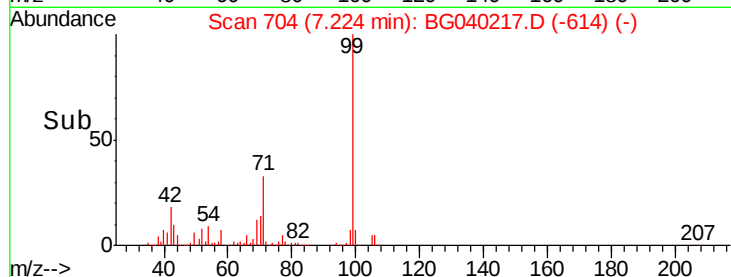
99 100

42 18.1 16.2 24.2

71 33.3 26.8 40.2



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: 42.413 ng

RT: 7.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

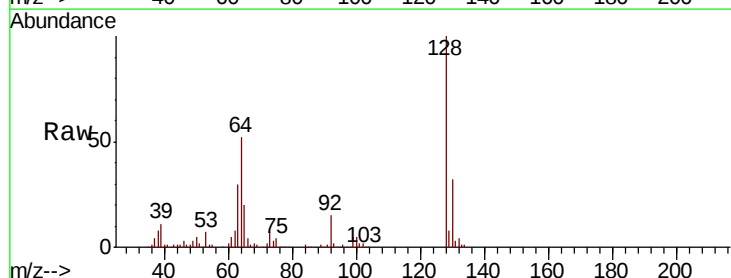
Tgt Ion: 128 Resp: 164638

Ion Ratio Lower Upper

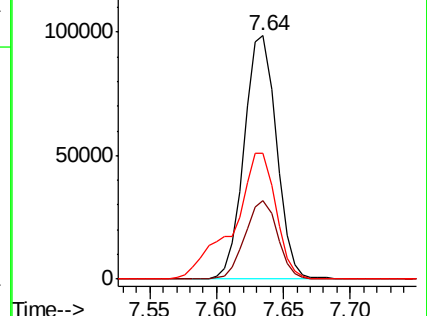
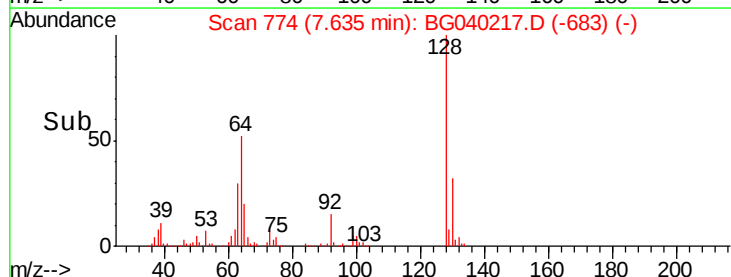
128 100

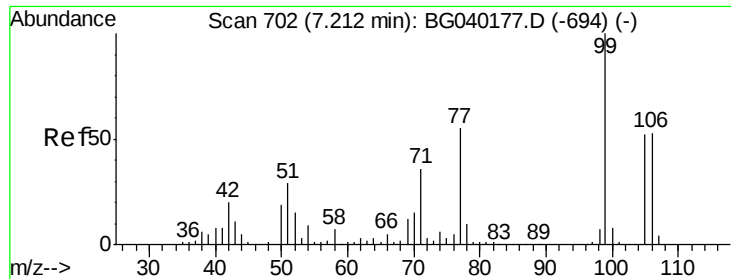
130 32.1 9.1 49.1

64 51.7 33.1 73.1



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

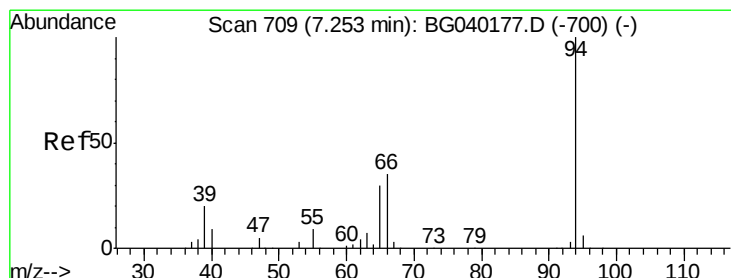
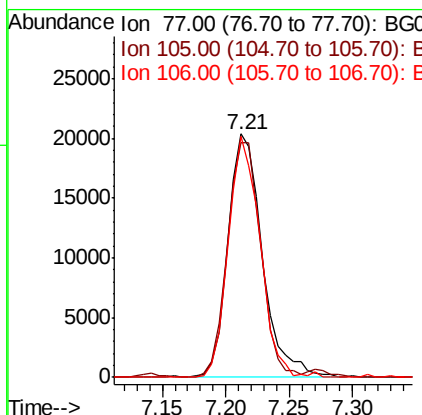
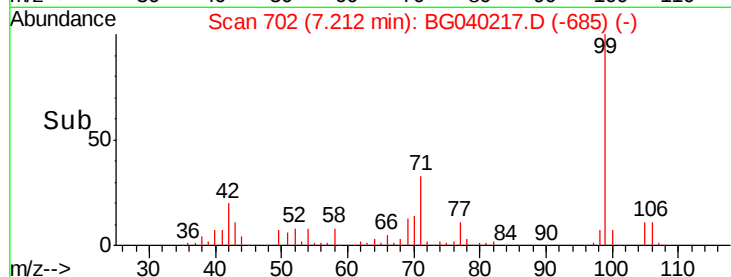
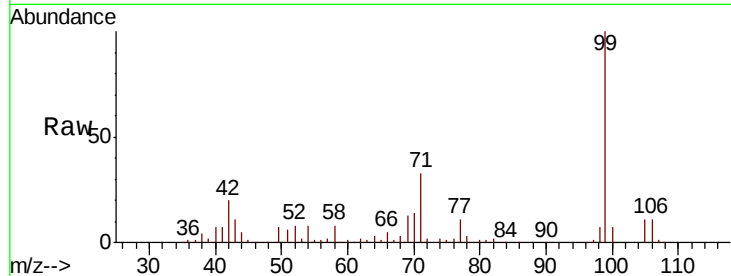




#9
Benzaldehyde
Concen: 12.168 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

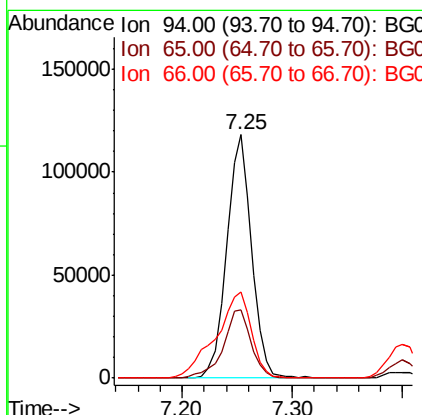
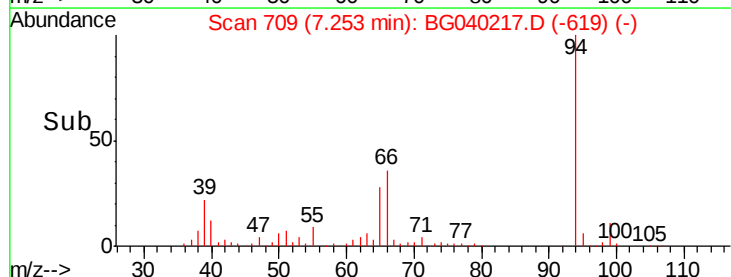
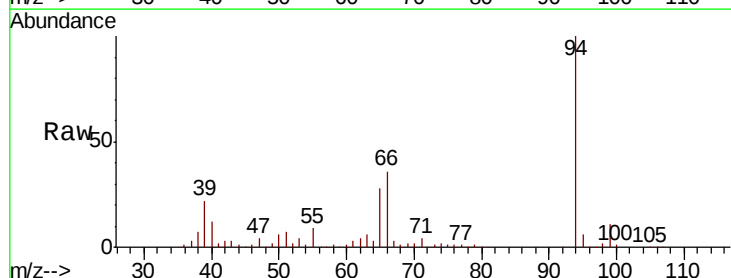
Instrument :
BNA_G
ClientSampled :
TP-1MSD

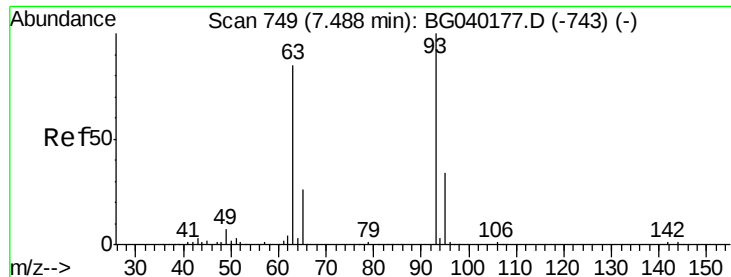
Tgt Ion: 77 Resp: 38251
Ion Ratio Lower Upper
77 100
105 96.6 75.0 115.0
106 99.1 75.7 115.7



#10
Phenol
Concen: 37.394 ng
RT: 7.25 min Scan# 709
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion: 94 Resp: 186013
Ion Ratio Lower Upper
94 100
65 28.0 10.5 50.5
66 35.6 16.9 56.9

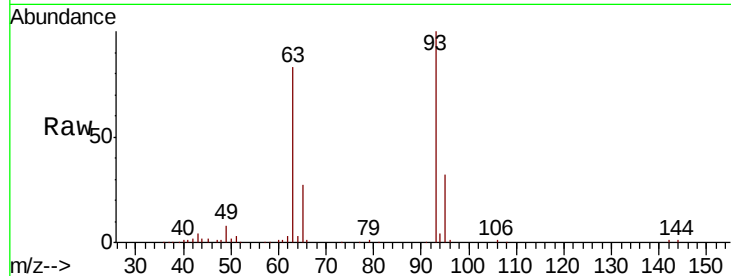




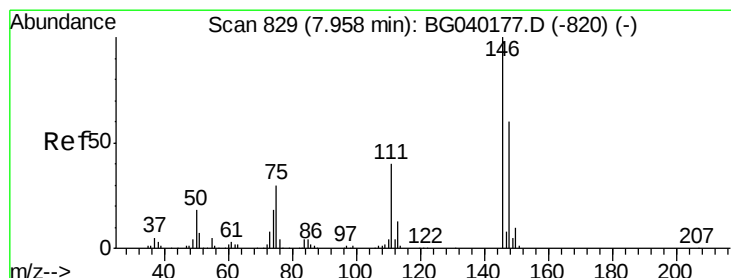
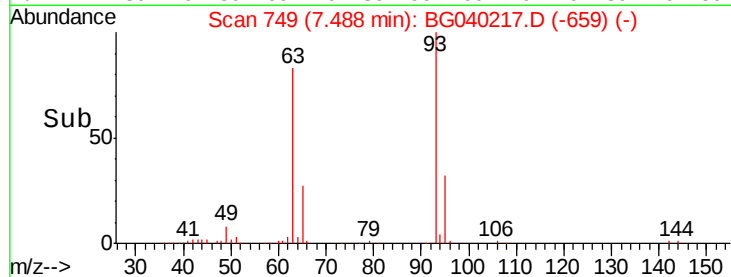
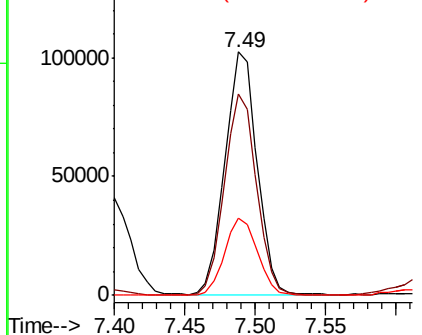
#11
bis(2-Chloroethyl)ether
Concen: 40.937 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 93 Resp: 163097
Ion Ratio Lower Upper
93 100
63 82.7 64.2 104.2
95 31.8 14.0 54.0

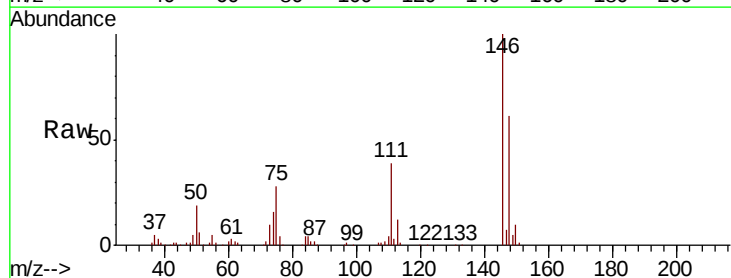


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

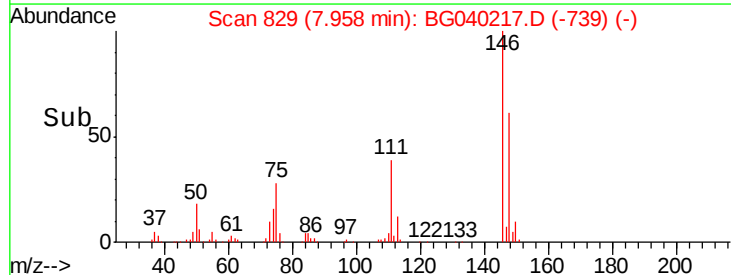
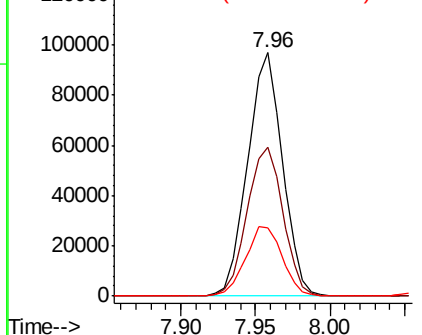


#12
1,3-Dichlorobenzene
Concen: 36.963 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion: 146 Resp: 155976
Ion Ratio Lower Upper
146 100
148 61.0 48.2 72.2
75 28.3 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 37.964 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

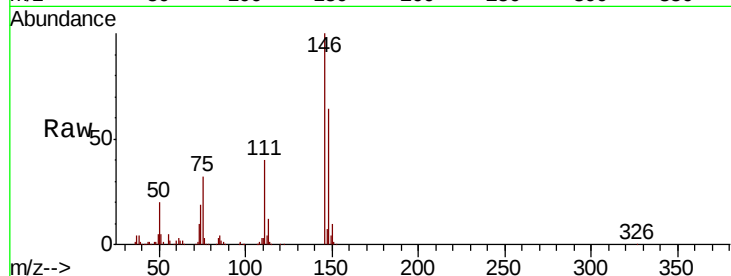
Tgt Ion:146 Resp: 159553

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.4

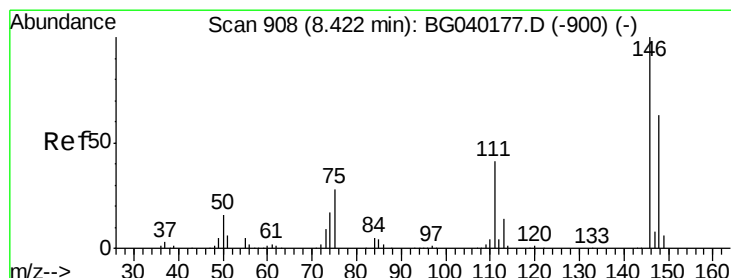
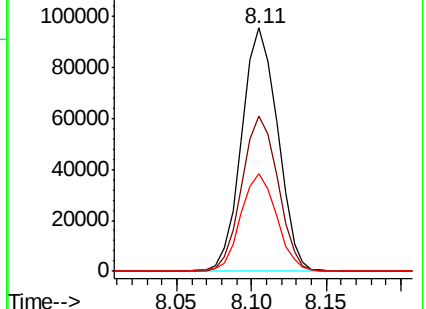
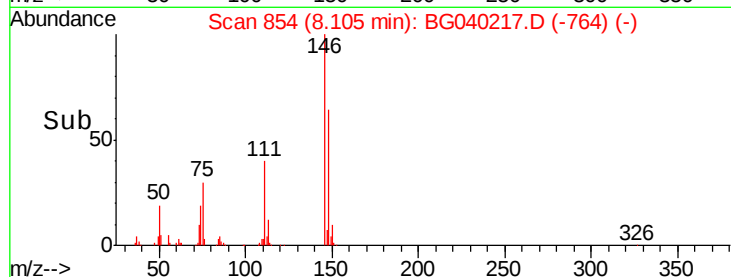
111 40.2 31.8 47.6



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: 37.387 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

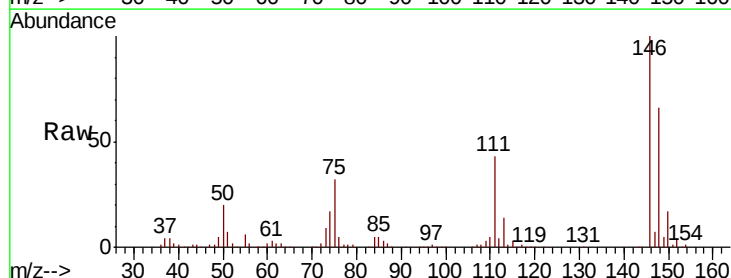
Tgt Ion:146 Resp: 150263

Ion Ratio Lower Upper

146 100

148 66.1 50.8 76.2

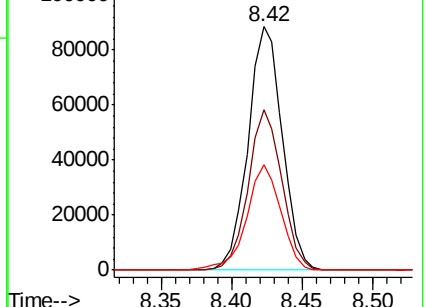
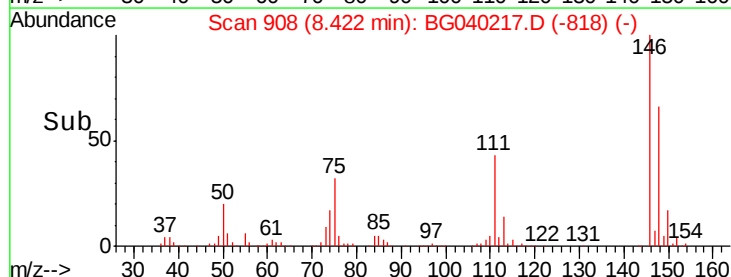
111 43.3 33.4 50.0

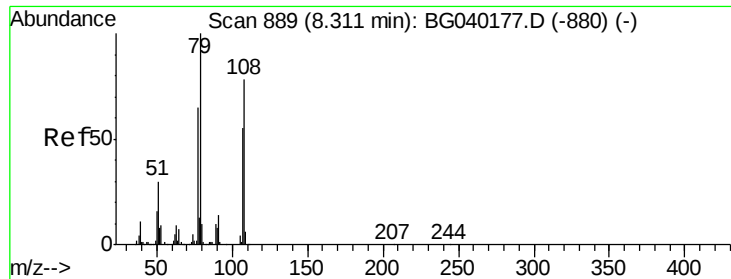


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

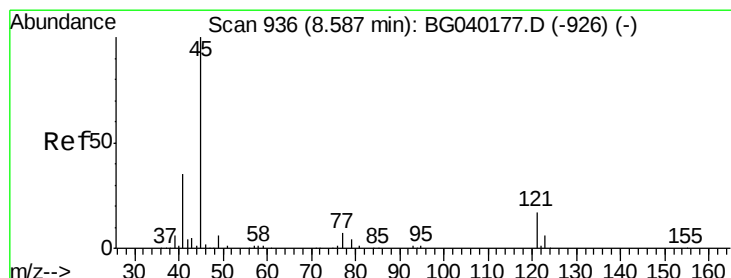
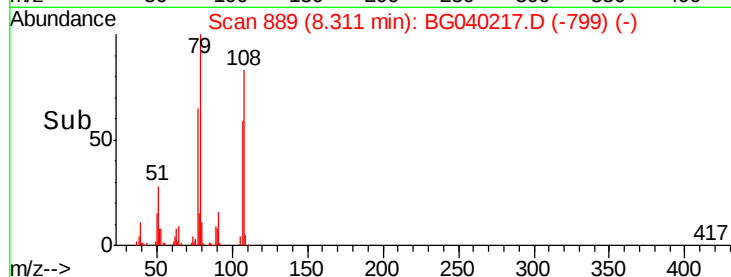
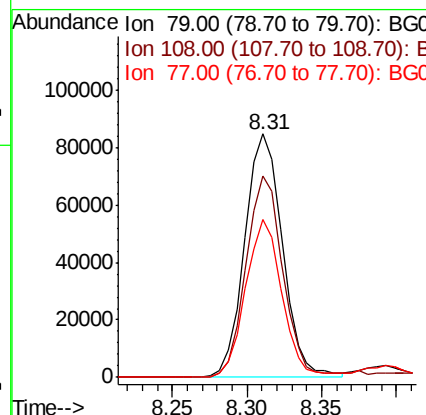
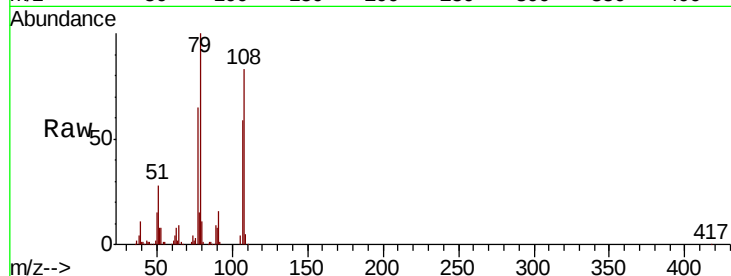




#15
Benzyl Alcohol
Concen: 40.356 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

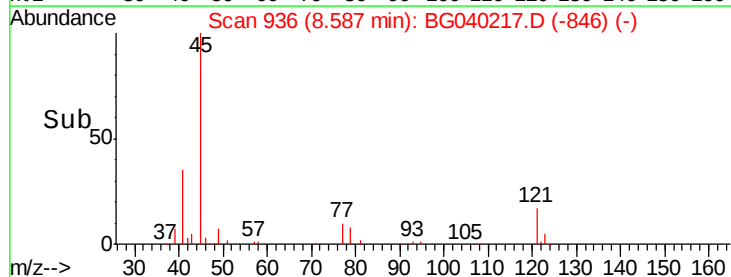
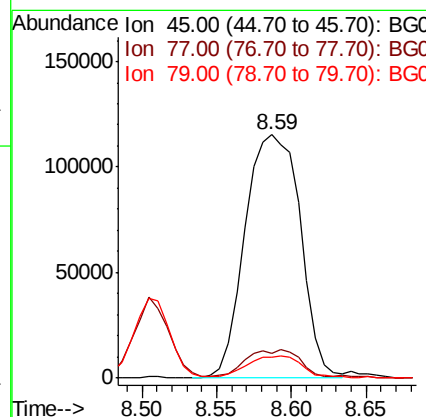
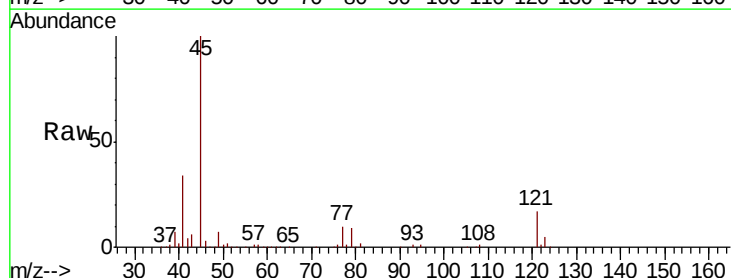
Instrument :
BNA_G
ClientSampled :
TP-1MSD

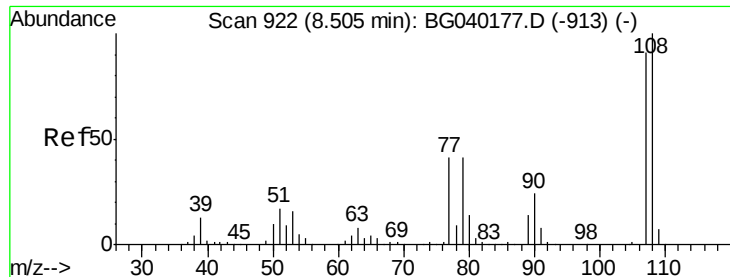
Tgt Ion: 79 Resp: 148946
Ion Ratio Lower Upper
79 100
108 82.6 62.1 93.1
77 64.6 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.582 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion: 45 Resp: 295014
Ion Ratio Lower Upper
45 100
77 10.4 0.0 31.4
79 8.7 0.0 28.3

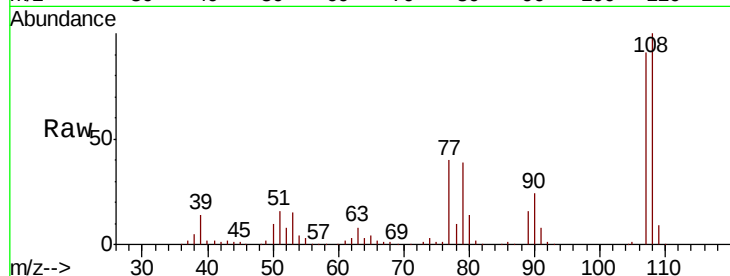




#17
2-Methylphenol
Concen: 42.647 ng
RT: 8.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.7	88.2	132.4
77	44.0	36.6	55.0
79	43.3	36.5	54.7



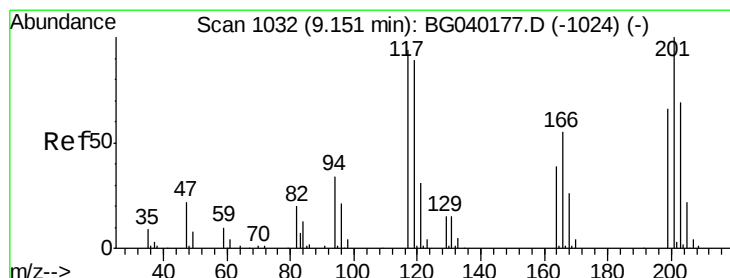
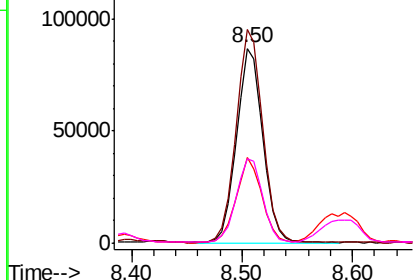
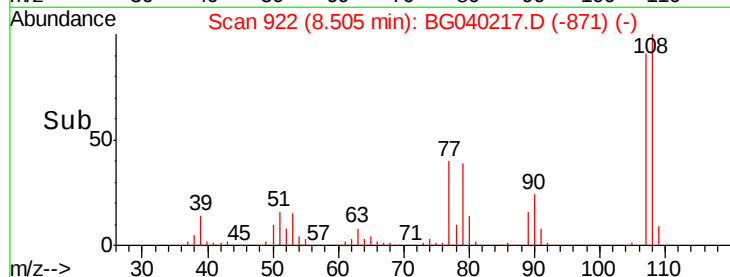
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

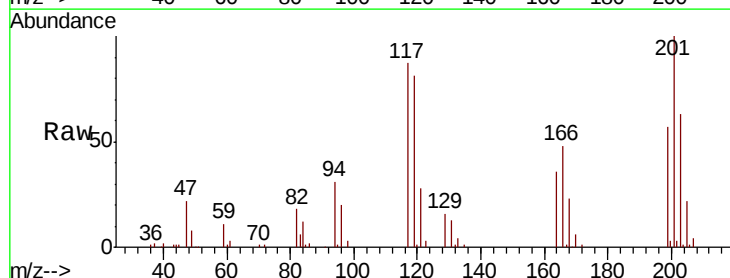
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.613 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.6	115.0
201	114.7	85.0	127.4

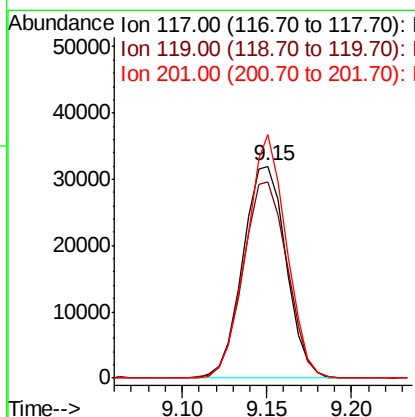
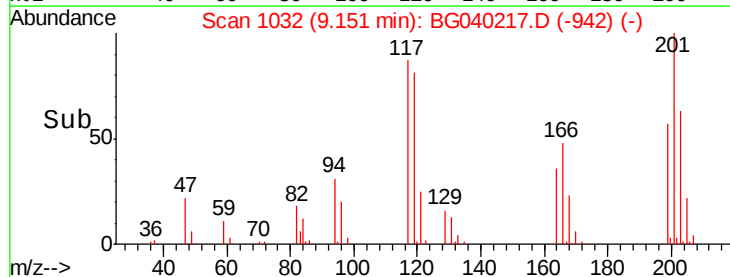


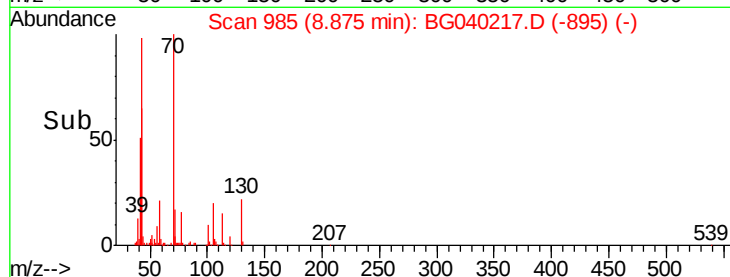
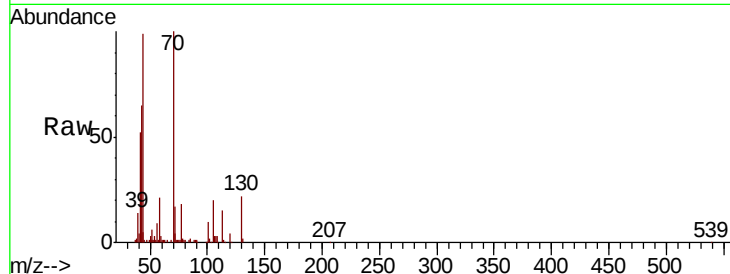
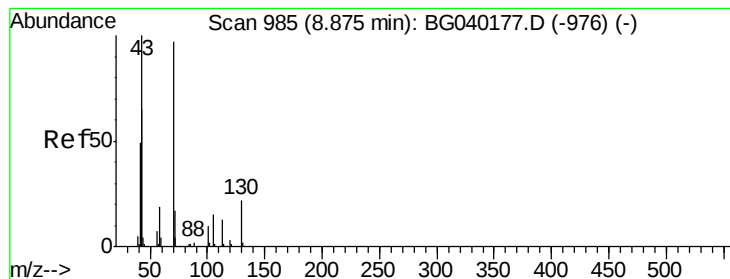
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.822 ng

RT: 8.87 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion: 70 Resp: 130848

Ion Ratio Lower Upper

70 100

42 64.8 54.0 81.0

101 9.7 8.6 13.0

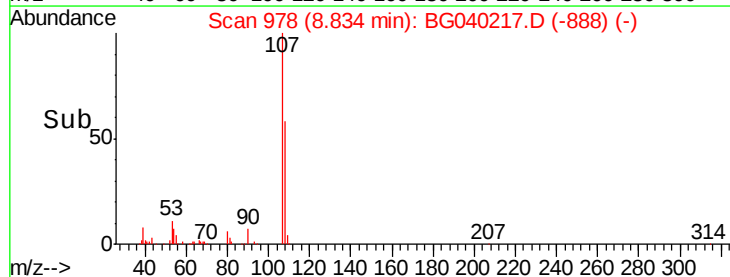
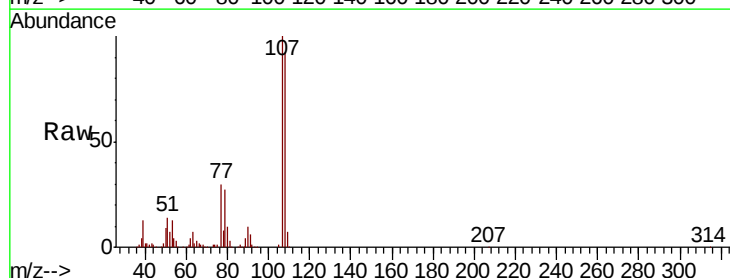
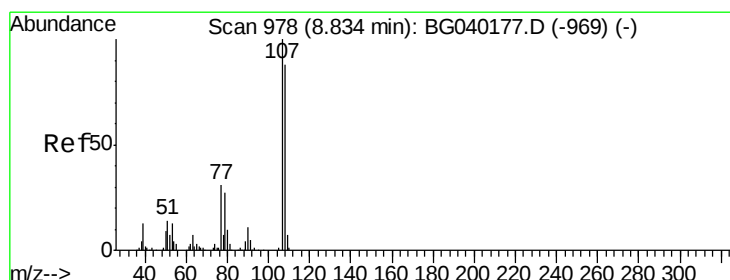
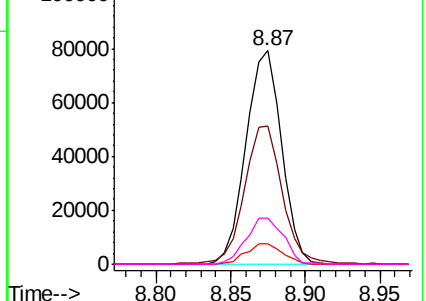
130 21.5 18.2 27.2

Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.564 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion: 107 Resp: 198479

Ion Ratio Lower Upper

107 100

108 92.5 68.3 108.3

77 30.3 11.3 51.3

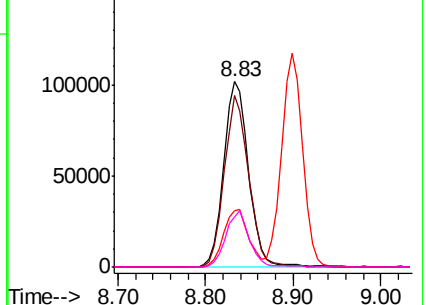
79 26.9 7.3 47.3

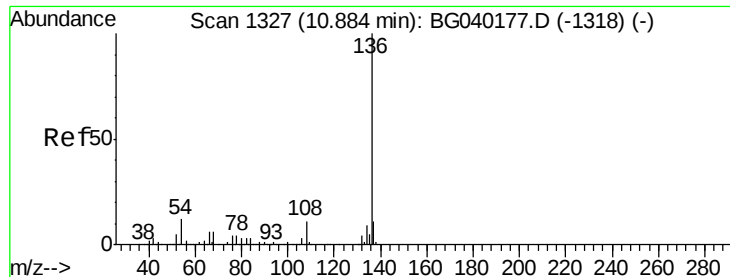
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion:136 Resp: 232765

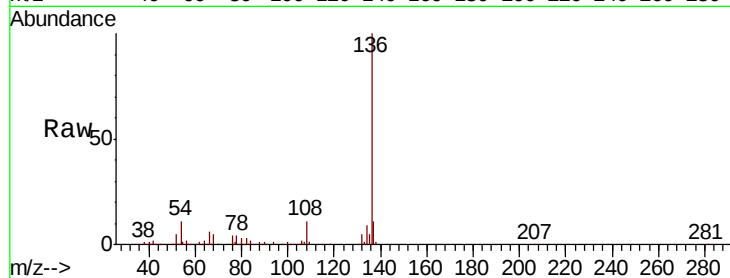
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 10.5 9.6 14.4

68 5.3 5.1 7.7

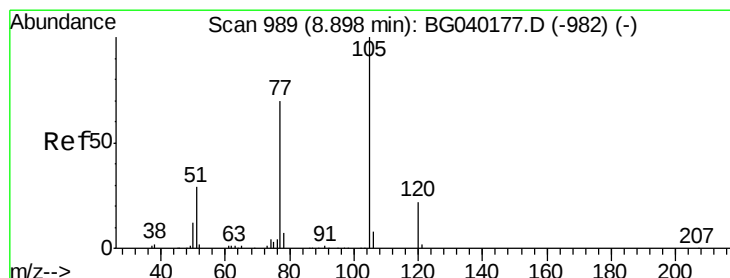
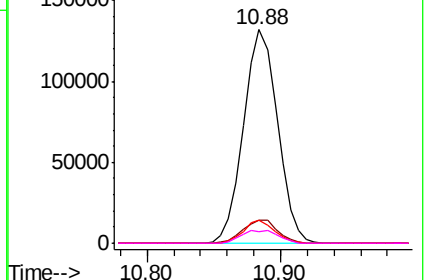
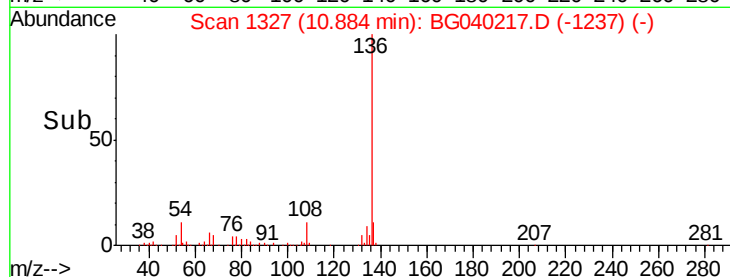


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.987 ng

RT: 8.90 min Scan# 989

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:105 Resp: 255401

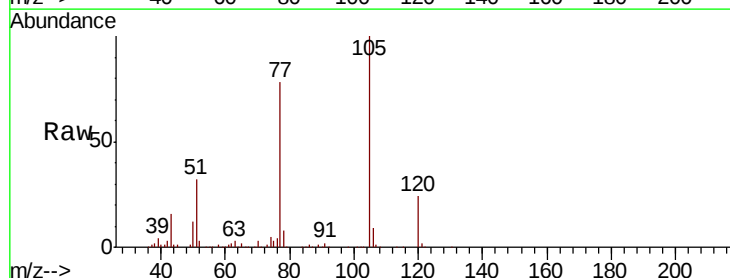
Ion Ratio Lower Upper

105 100

71 0.4 0.6 1.0#

51 31.8 25.1 37.7

120 23.7 17.6 26.4

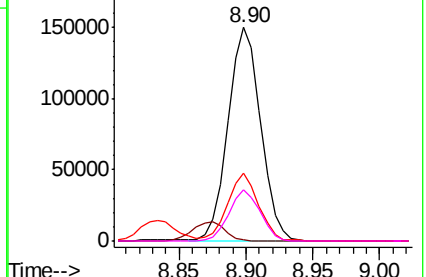
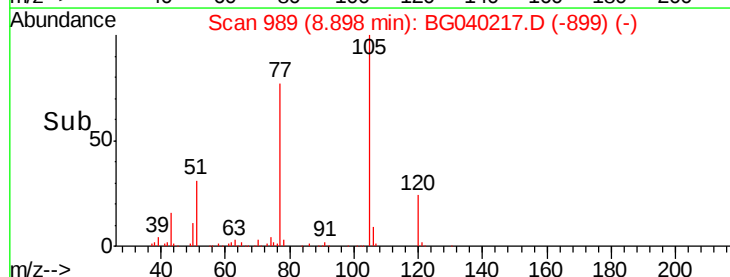


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

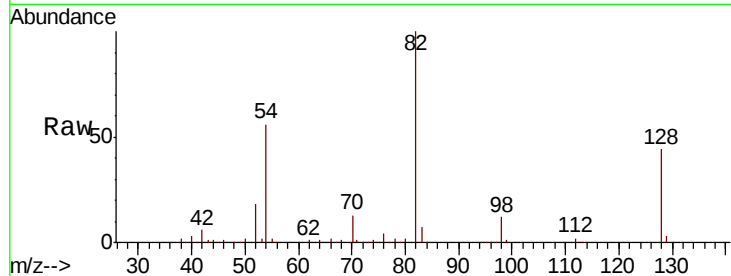




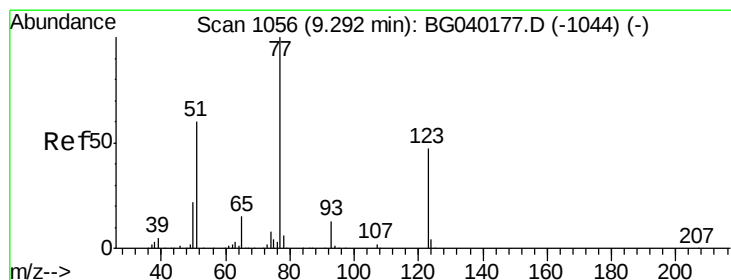
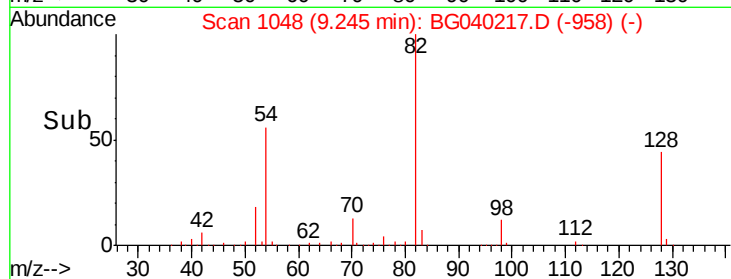
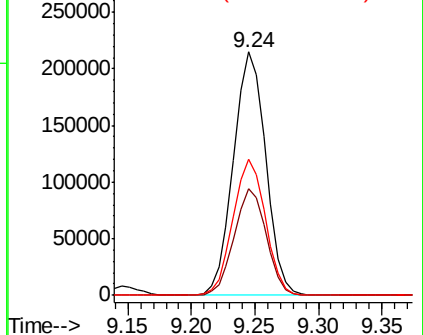
#23
 Nitrobenzene-d5
 Concen: 86.911 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tgt Ion: 82 Resp: 380595
 Ion Ratio Lower Upper
 82 100
 128 43.7 35.8 53.8
 54 55.7 46.2 69.2

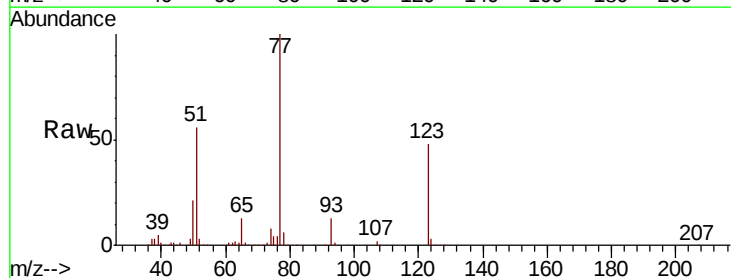


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

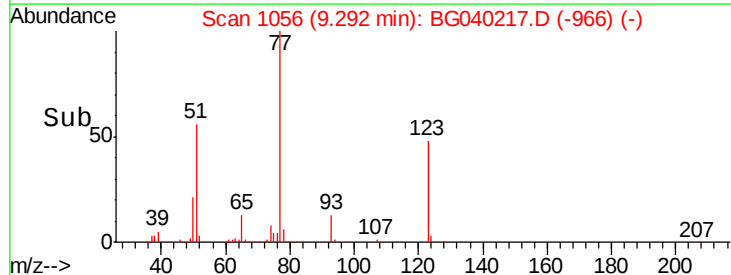
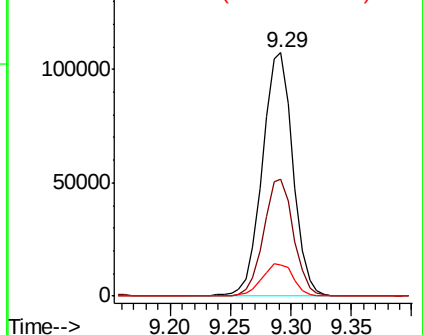


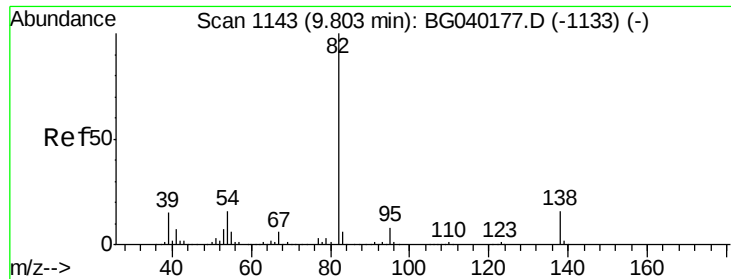
#24
 Nitrobenzene
 Concen: 41.737 ng
 RT: 9.29 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion: 77 Resp: 189263
 Ion Ratio Lower Upper
 77 100
 123 48.3 37.8 56.6
 65 12.6 12.0 18.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.419 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

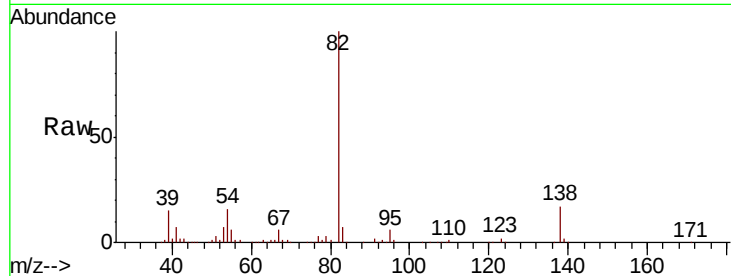
Tgt Ion: 82 Resp: 382208

Ion Ratio Lower Upper

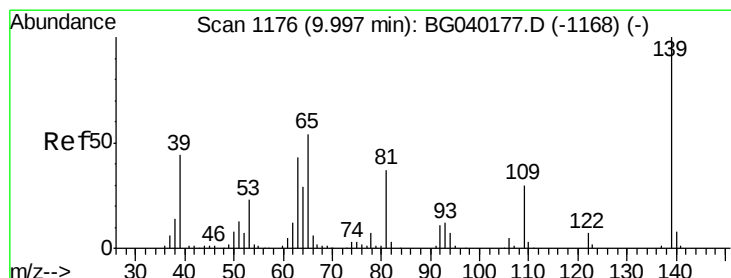
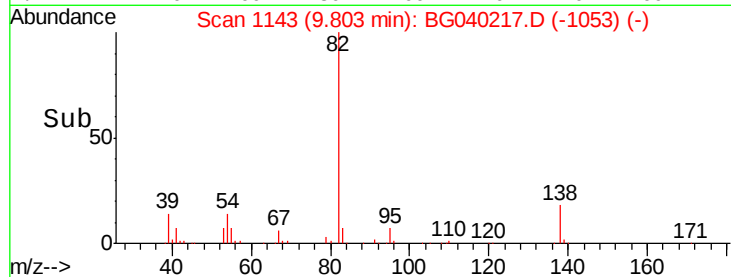
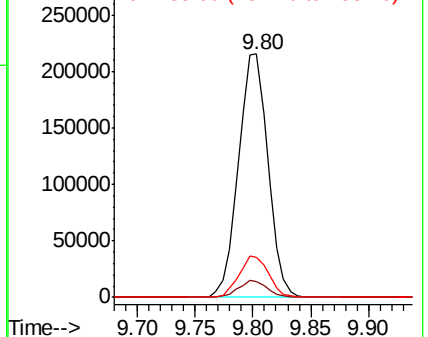
82 100

95 6.5 6.1 9.1

138 16.7 13.2 19.8



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: 42.319 ng

RT: 10.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

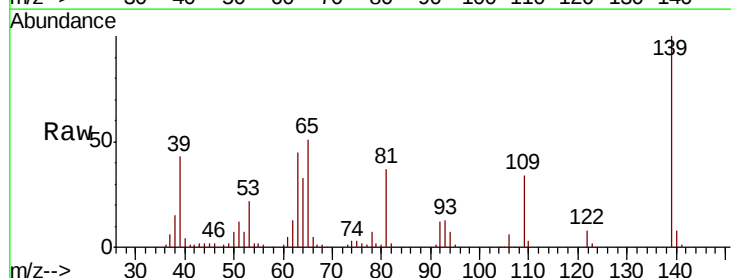
Tgt Ion: 139 Resp: 90931

Ion Ratio Lower Upper

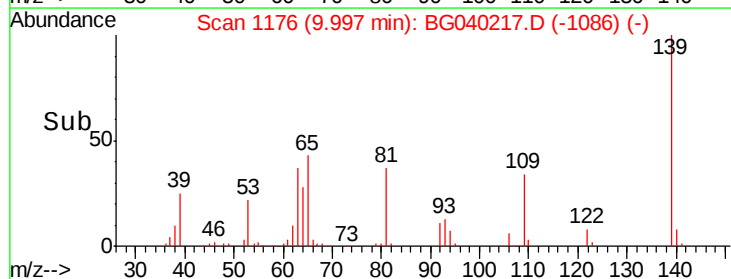
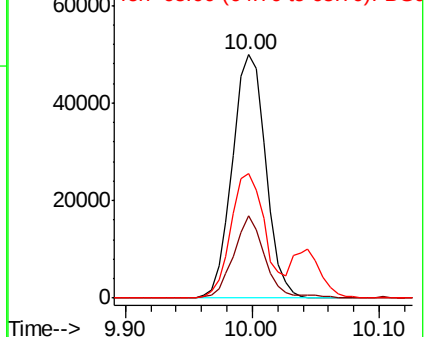
139 100

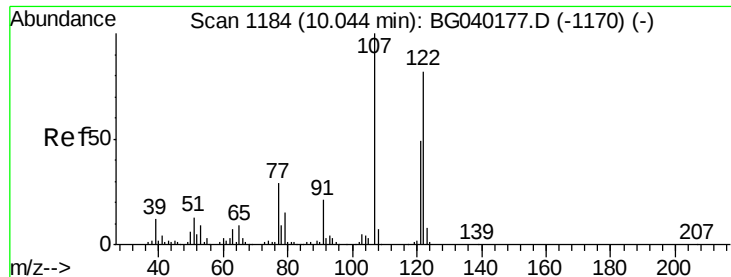
109 33.6 24.1 36.1

65 51.4 43.0 64.6



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

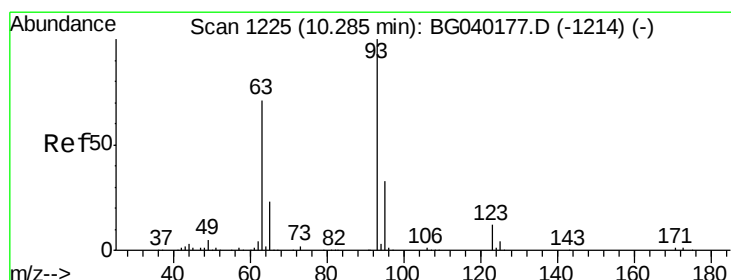
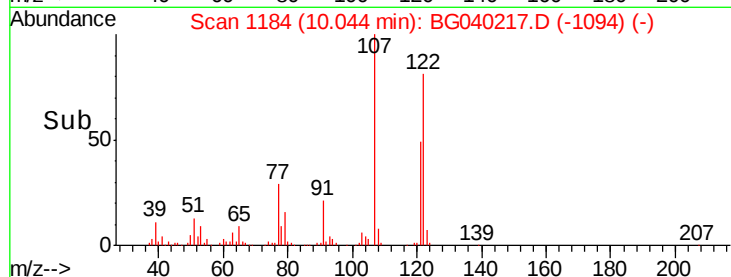
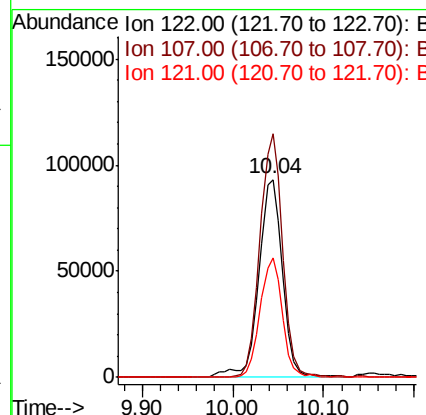
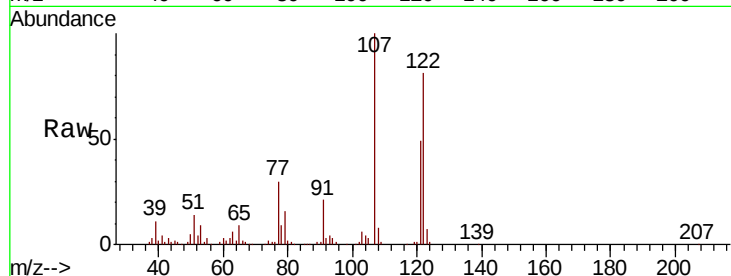




#27
 2,4-Dimethylphenol
 Concen: 49.265 ng
 RT: 10.04 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

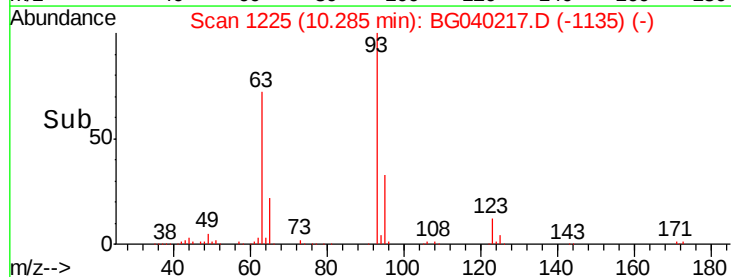
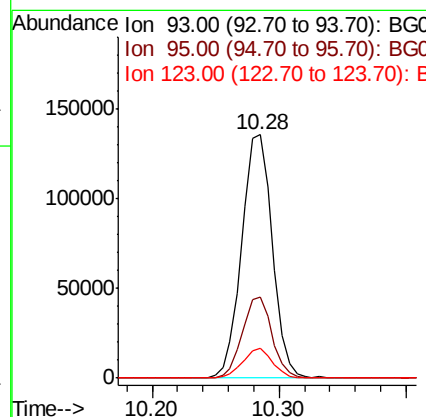
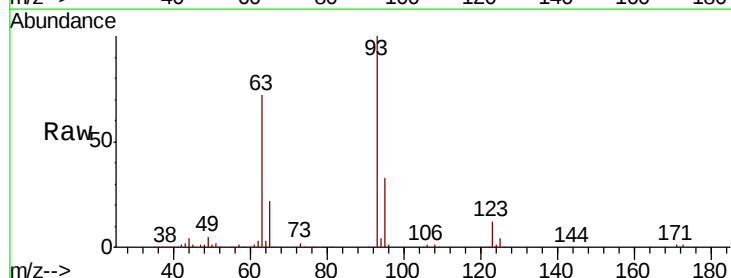
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

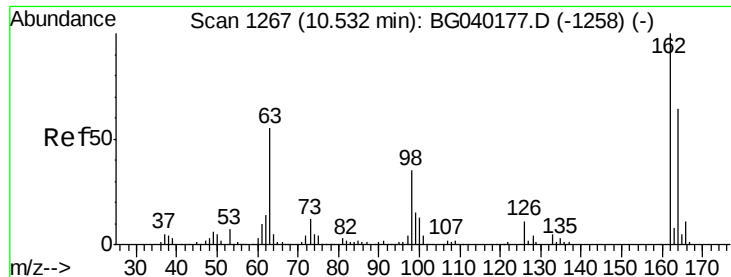
Tgt Ion: 122 Resp: 168146
 Ion Ratio Lower Upper
 122 100
 107 123.1 97.4 146.2
 121 60.4 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.652 ng
 RT: 10.28 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion: 93 Resp: 227366
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.2 39.4
 123 12.1 9.4 14.0

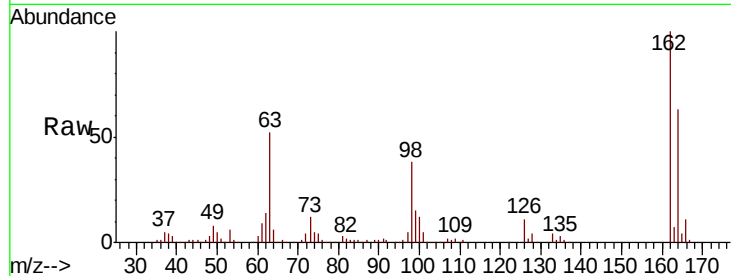




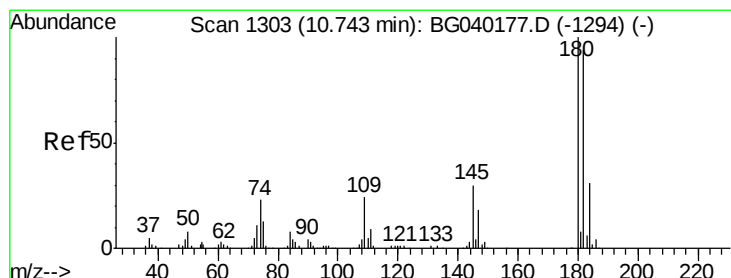
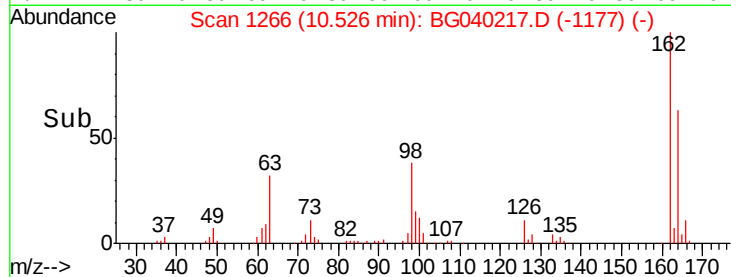
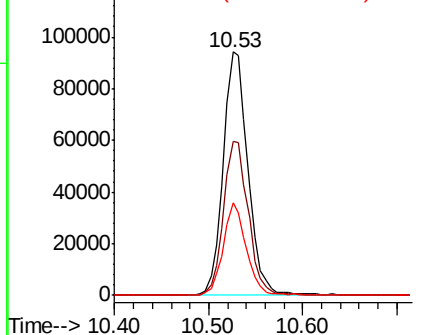
#29
 2,4-Dichlorophenol
 Concen: 46.649 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tgt Ion:162 Resp: 172819
 Ion Ratio Lower Upper
 162 100
 164 63.4 43.9 83.9
 98 37.8 15.6 55.6

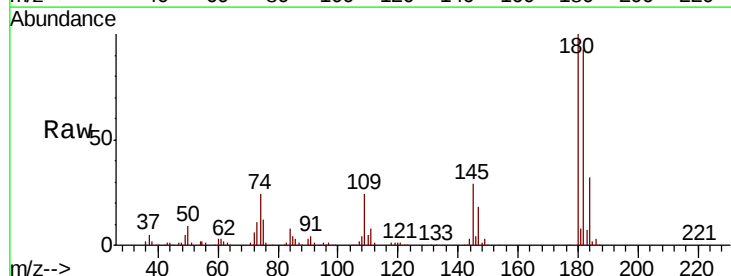


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

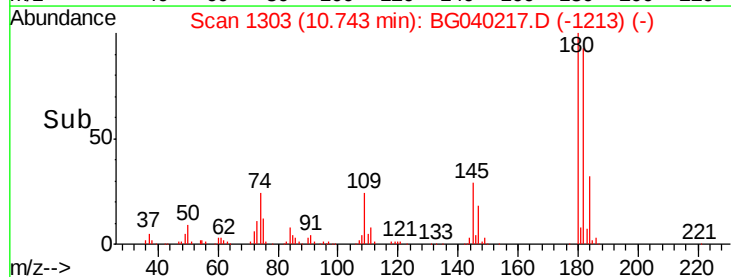
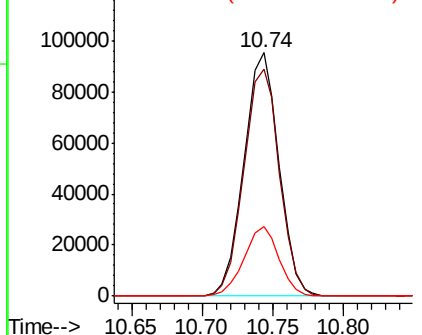


#30
 1,2,4-Trichlorobenzene
 Concen: 40.688 ng
 RT: 10.74 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion:180 Resp: 165516
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.1 112.7
 145 28.6 24.1 36.1



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

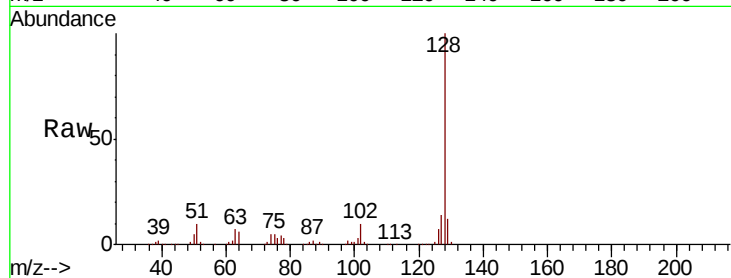




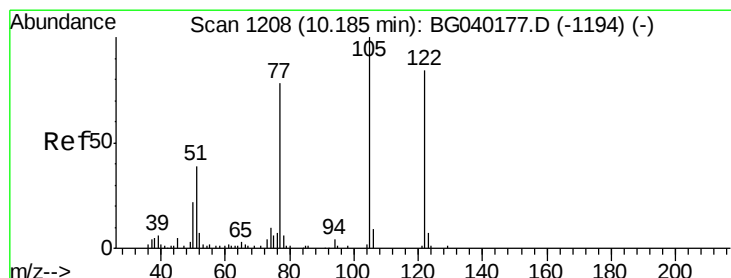
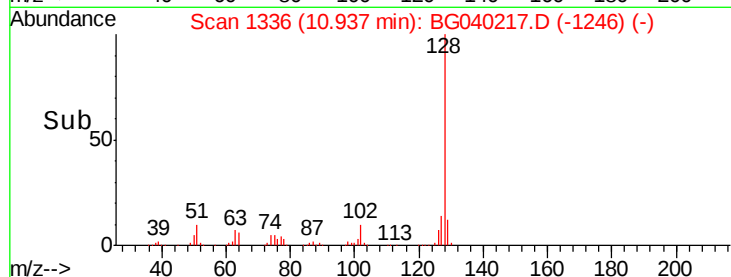
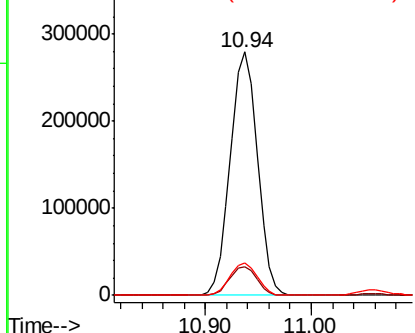
#31
Naphthalene
Concen: 41.741 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:128 Resp: 498002
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.6 11.4 17.0

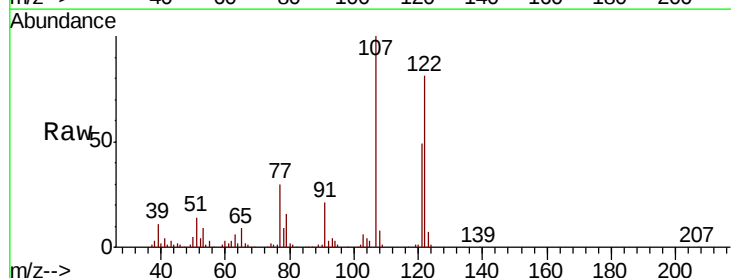


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

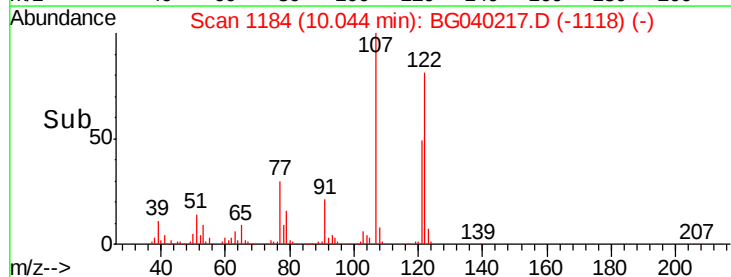
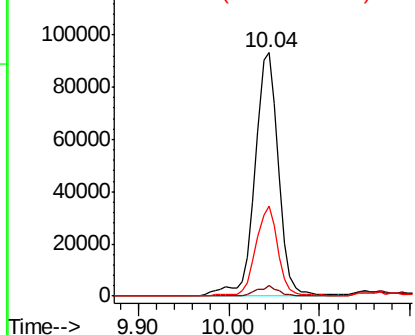


#32
Benzoic acid
Concen: 81.538 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.14 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion:122 Resp: 168146
Ion Ratio Lower Upper
122 100
105 4.1 98.2 138.2#
77 37.2 73.6 113.6#



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

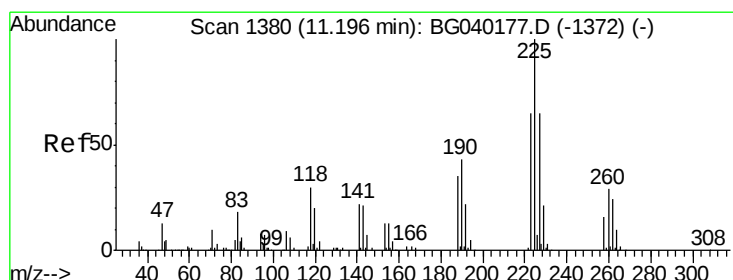
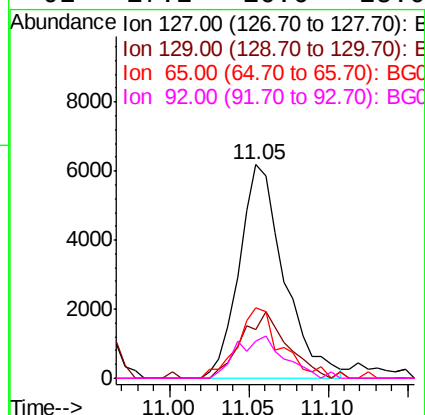
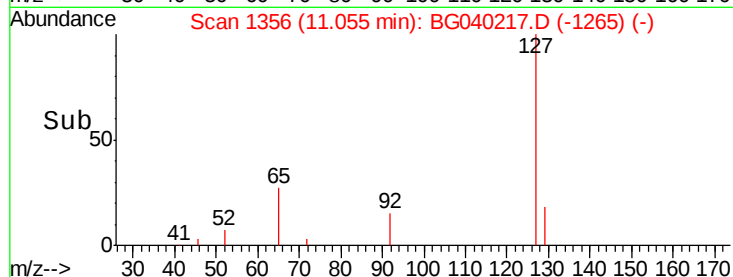
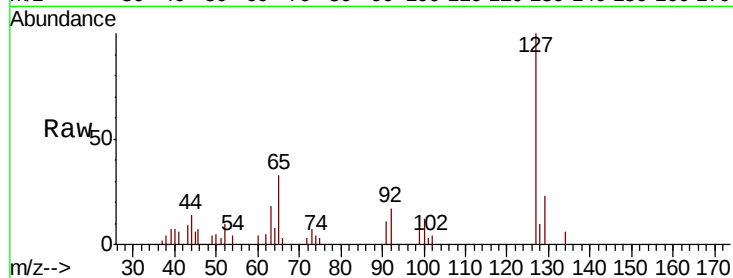




#33
4-Chloroaniline
Concen: 2.392 ng
RT: 11.05 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

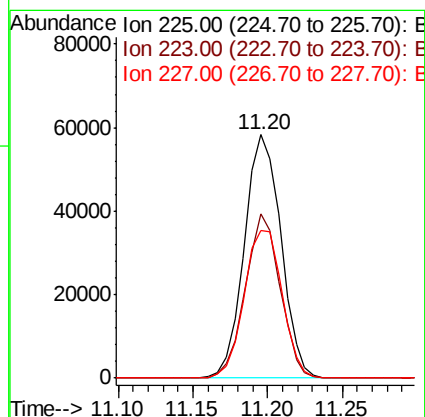
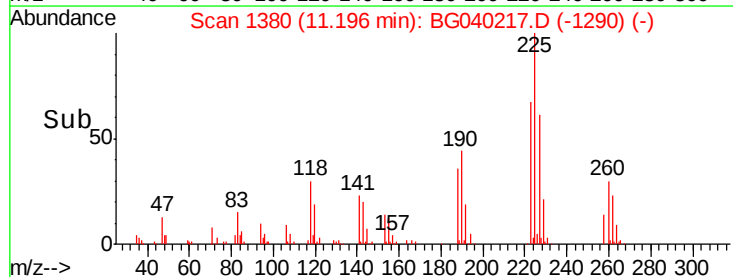
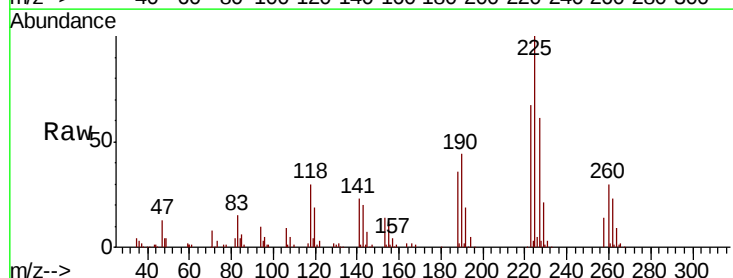
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

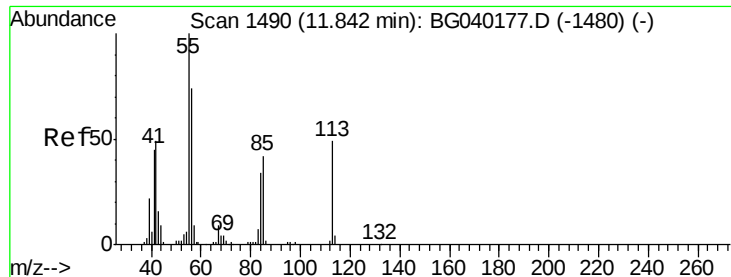
Tgt Ion:	127	Resp:	12173
Ion	Ratio	Lower	Upper
127	100		
129	22.9	26.6	40.0#
65	32.7	27.0	40.4
92	17.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 37.958 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion:	225	Resp:	98752
Ion	Ratio	Lower	Upper
225	100		
223	67.4	51.8	77.8
227	60.8	54.9	82.3





#35

Caprolactam

Concen: 18.451 ng

RT: 11.83 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

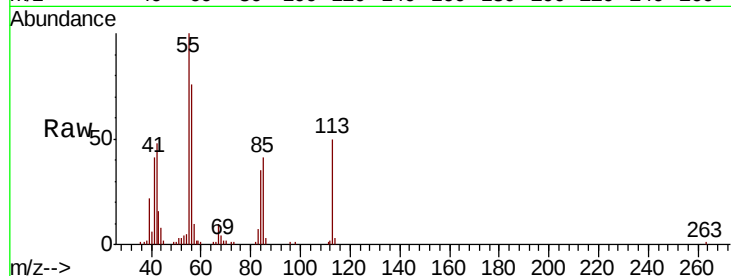
Tgt Ion:113 Resp: 27126

Ion Ratio Lower Upper

113 100

55 201.4 184.2 224.2

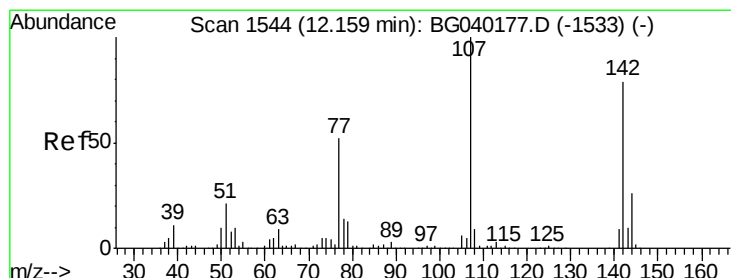
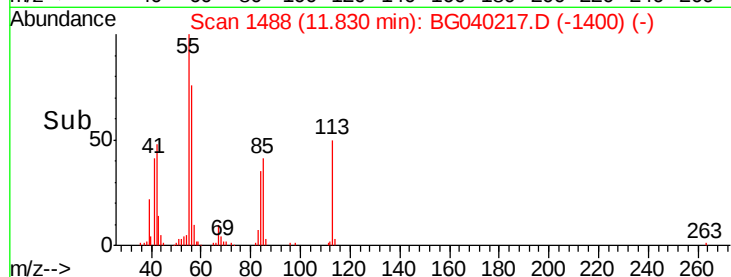
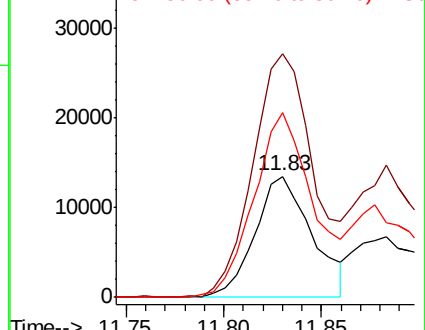
56 153.0 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.792 ng

RT: 12.16 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

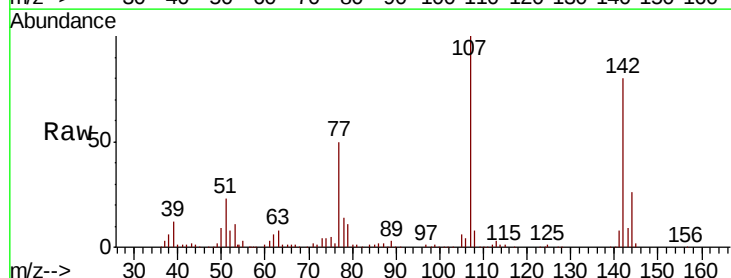
Tgt Ion:107 Resp: 195029

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

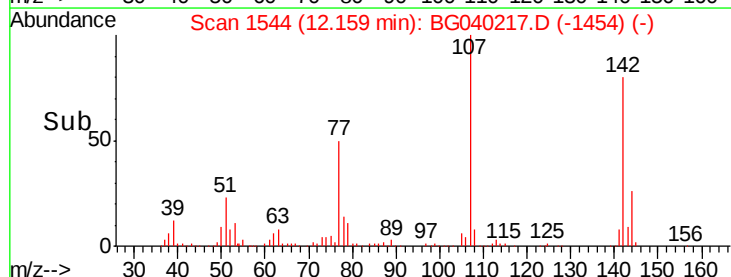
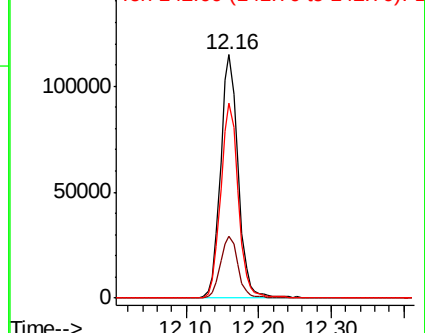
142 80.2 63.1 94.7

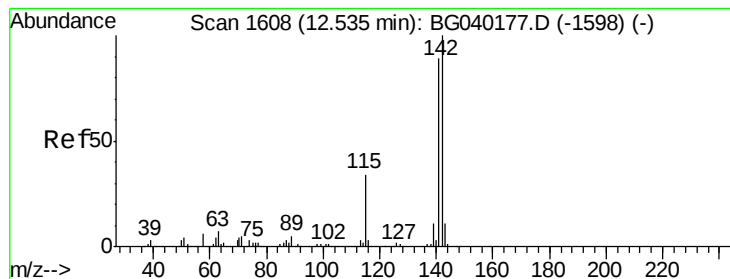


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.756 ng

RT: 12.54 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

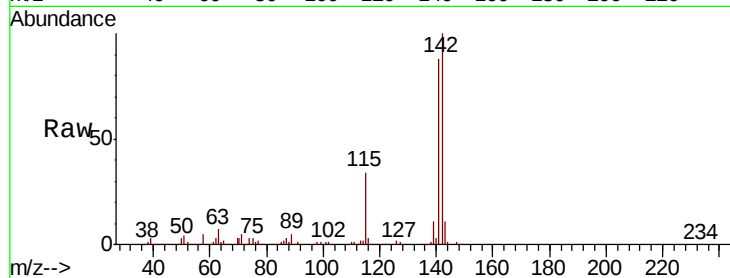
Tgt Ion:142 Resp: 377274

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6

115 33.8 27.3 40.9

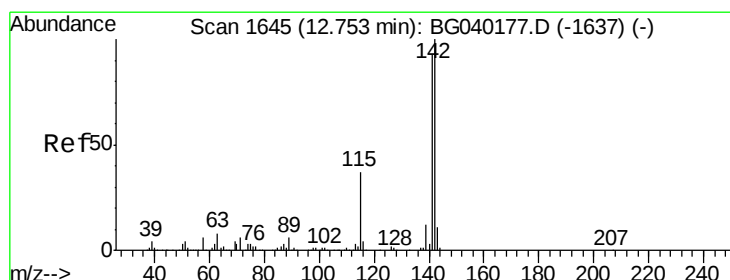
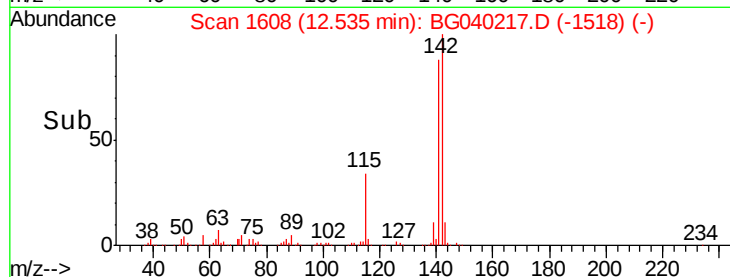
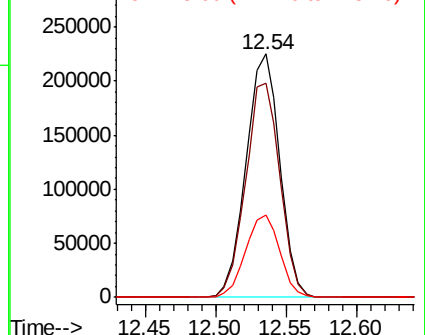


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.422 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

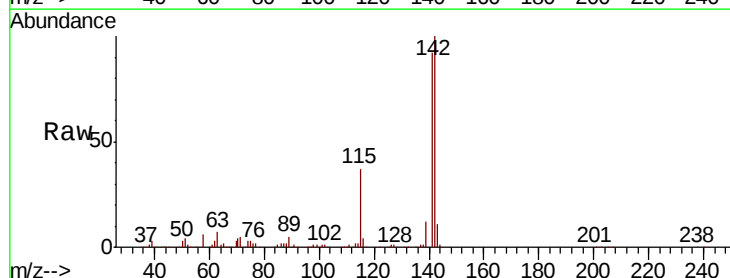
Tgt Ion:142 Resp: 362987

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.4

116 3.6 3.0 4.4

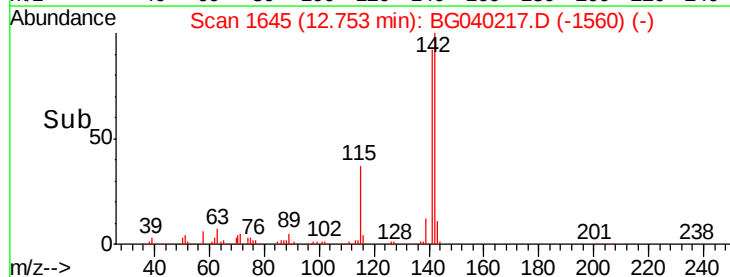
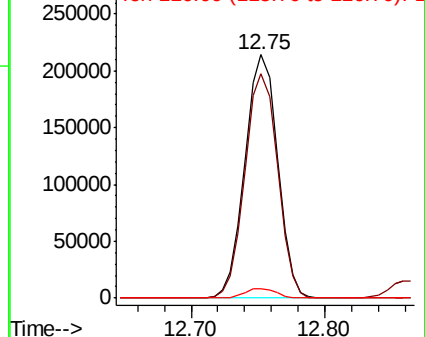


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

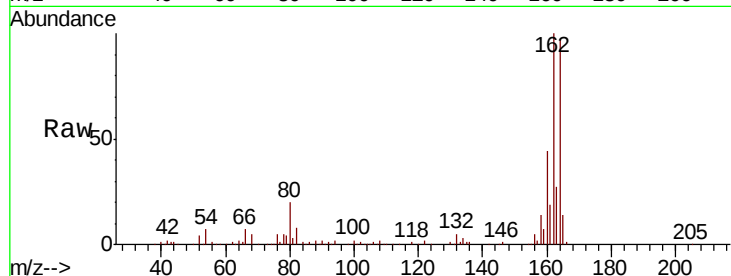
Tgt Ion:164 Resp: 148090

Ion Ratio Lower Upper

164 100

162 103.5 77.4 116.2

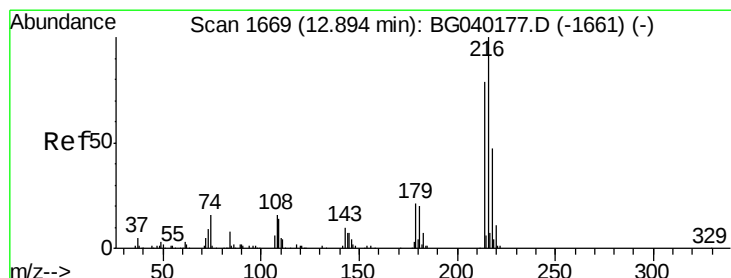
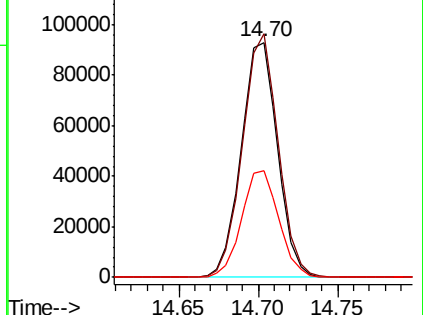
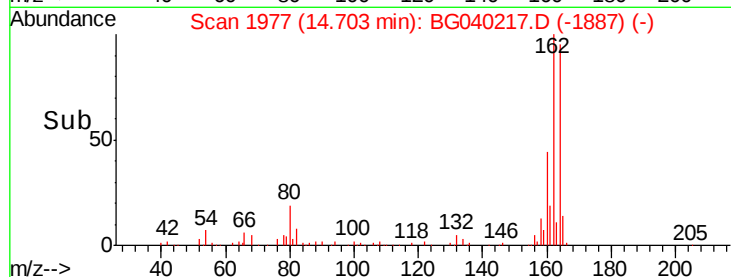
160 45.5 35.3 52.9



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: 41.982 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Tgt Ion:216 Resp: 197602

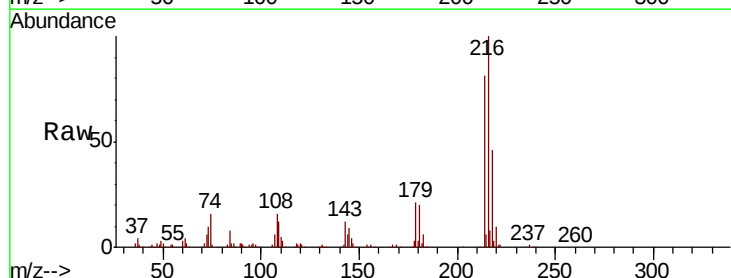
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 20.4 16.6 25.0

108 19.2 13.8 20.8

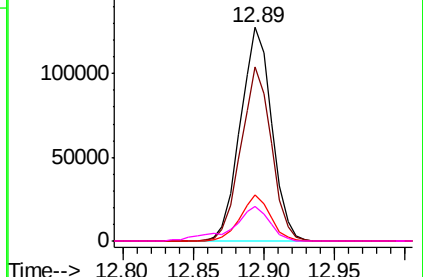
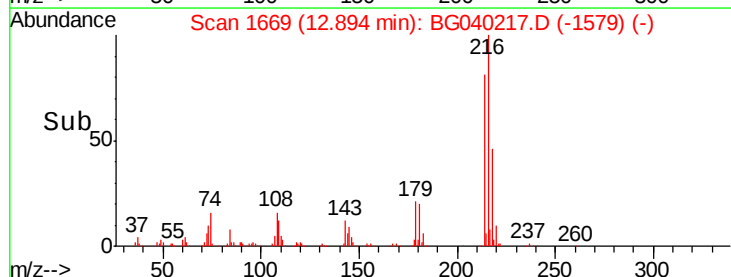


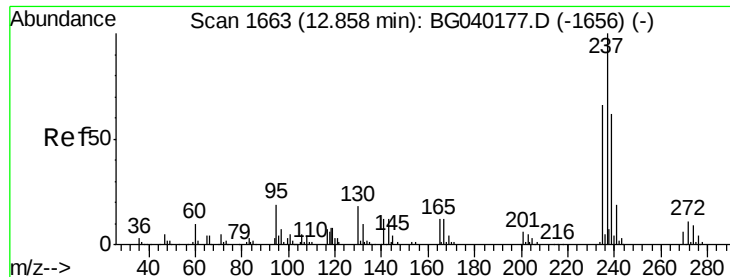
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.626 ng

RT: 12.86 min Scan# 1664

Delta R.T. 0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

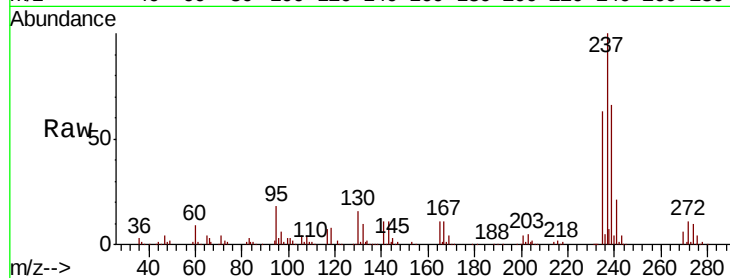
Tgt Ion: 237 Resp: 213537

Ion Ratio Lower Upper

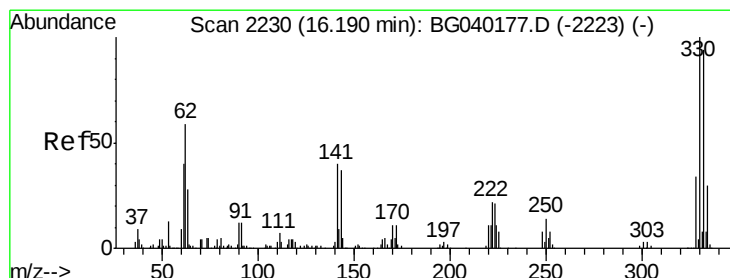
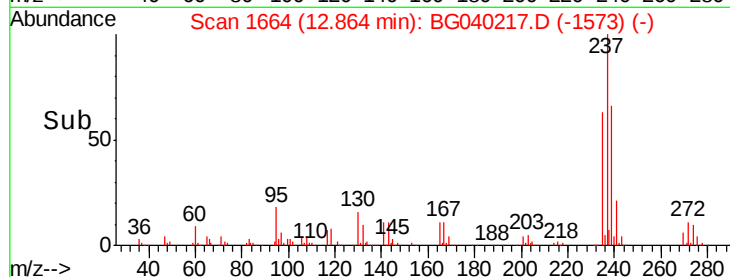
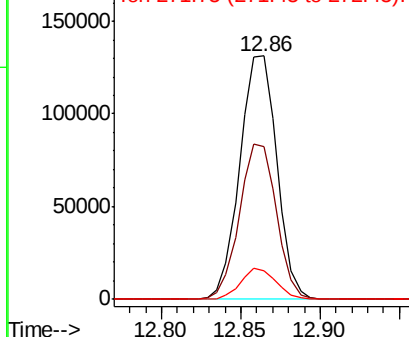
237 100

235 62.5 46.2 86.2

272 11.5 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 149.197 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

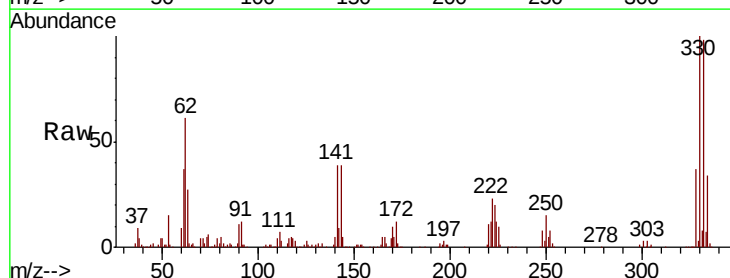
Tgt Ion: 330 Resp: 238785

Ion Ratio Lower Upper

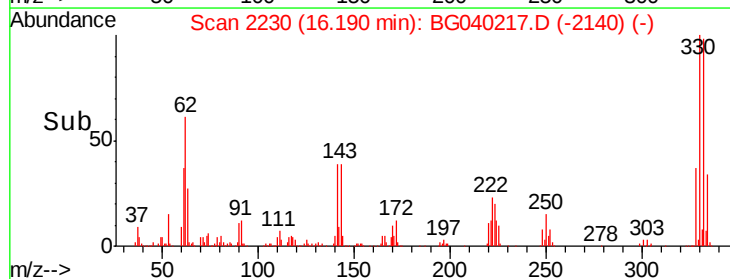
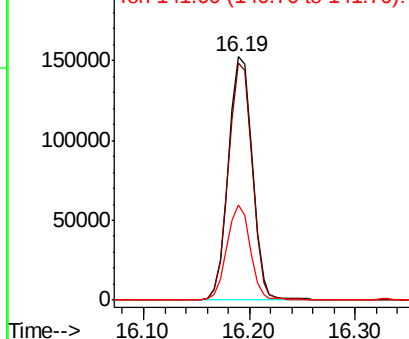
330 100

332 97.1 76.6 115.0

141 38.0 32.6 48.8



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

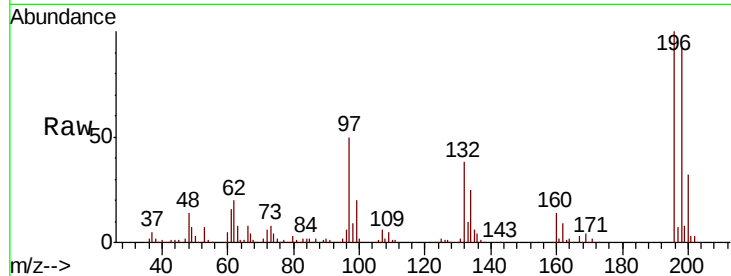




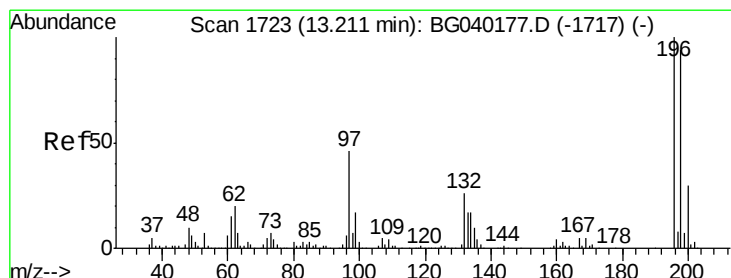
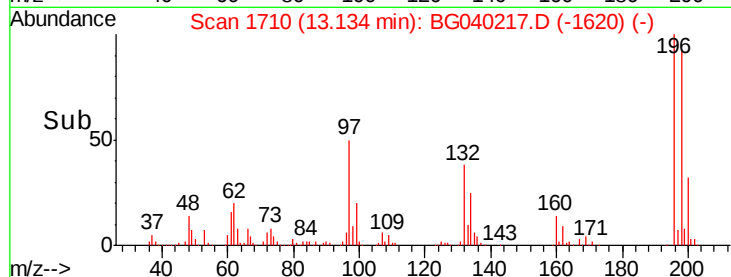
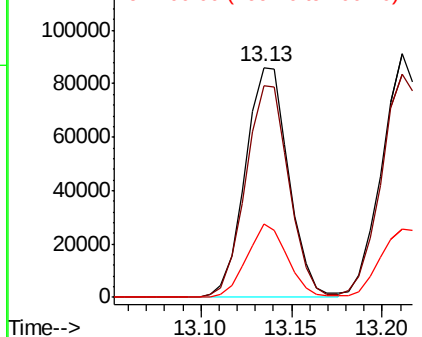
#43
 2,4,6-Trichlorophenol
 Concen: 47.470 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tgt Ion:196 Resp: 144054
 Ion Ratio Lower Upper
 196 100
 198 92.0 78.3 117.5
 200 31.8 26.0 39.0

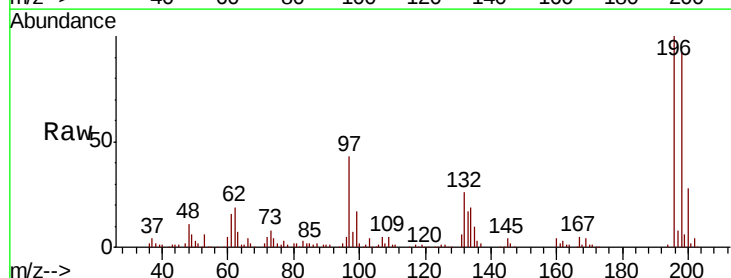


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

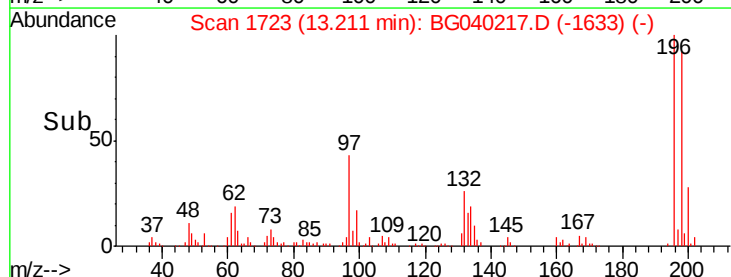
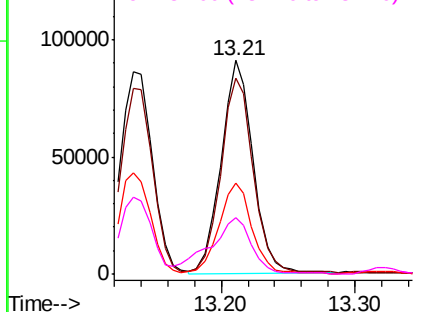


#44
 2,4,5-Trichlorophenol
 Concen: 45.777 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion:196 Resp: 151415
 Ion Ratio Lower Upper
 196 100
 198 91.5 75.0 112.6
 97 42.8 37.3 55.9
 132 26.1 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

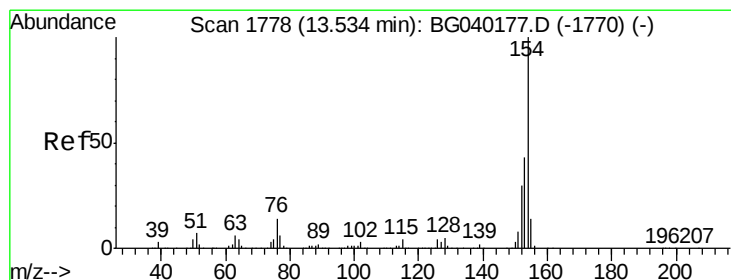
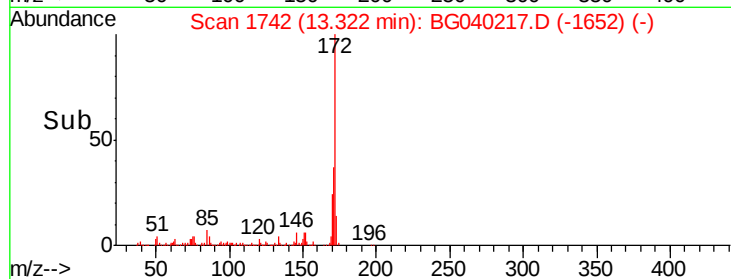
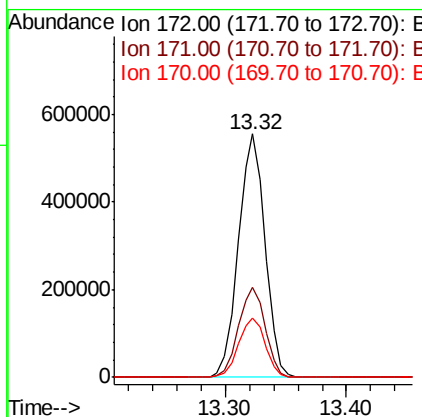
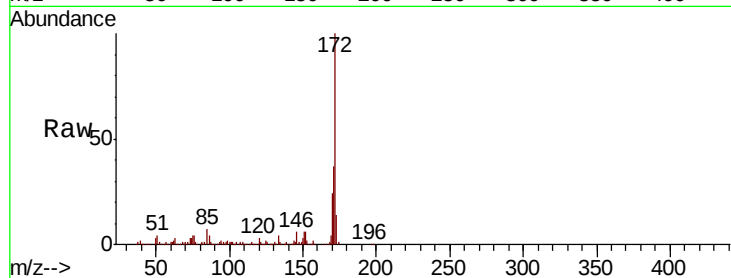




#45
 2-Fluorobiphenyl
 Concen: 84.980 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

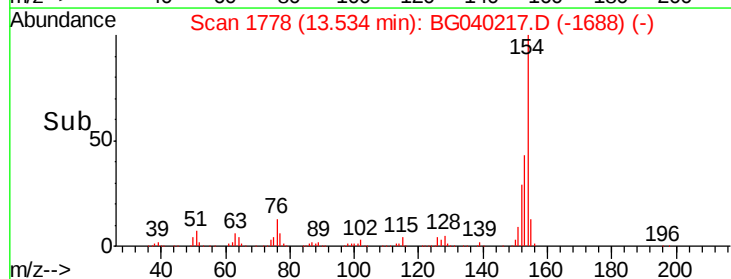
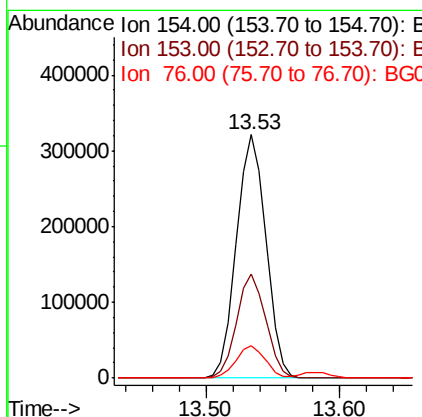
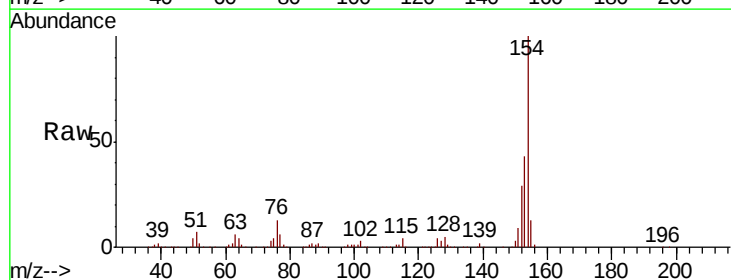
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

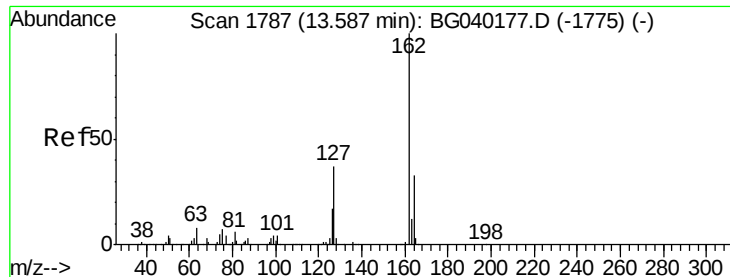
Tgt Ion:172 Resp: 849302
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 24.4 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 42.106 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion:154 Resp: 492685
 Ion Ratio Lower Upper
 154 100
 153 42.5 22.5 62.5
 76 13.4 0.0 33.7

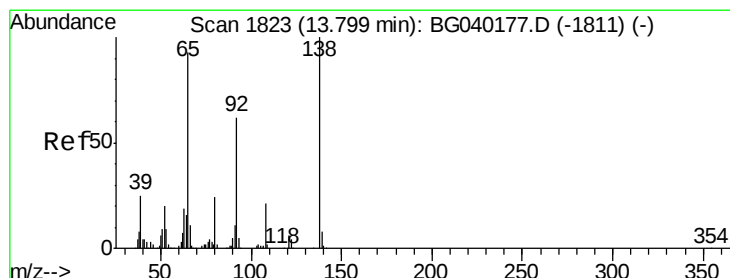
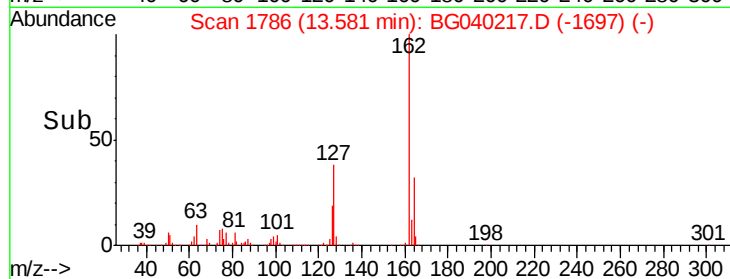
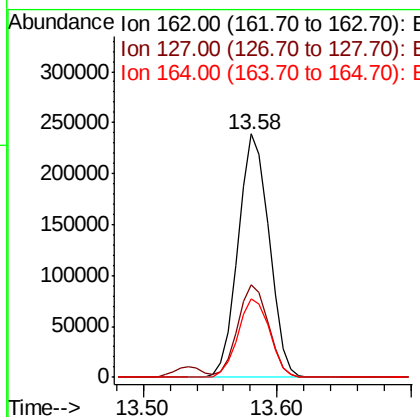
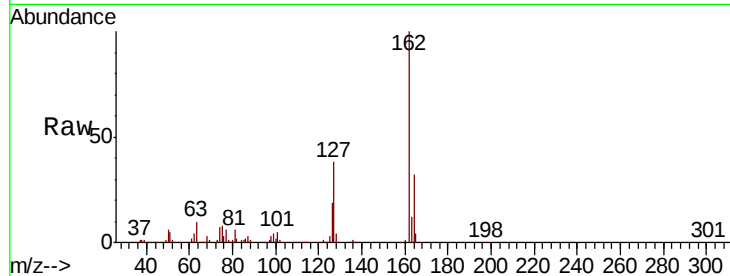




#47
 2-Chloronaphthalene
 Concen: 42.728 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

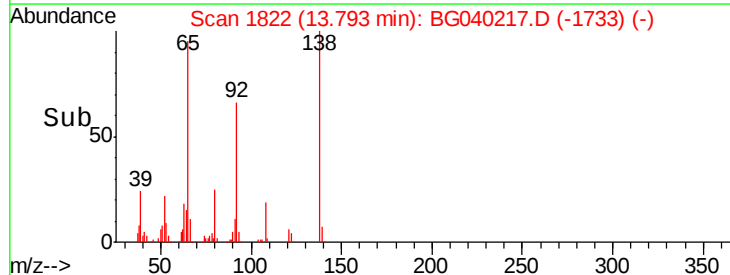
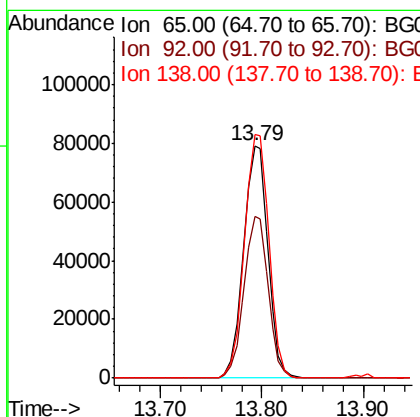
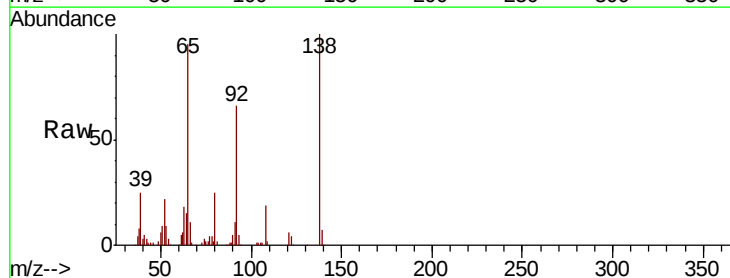
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

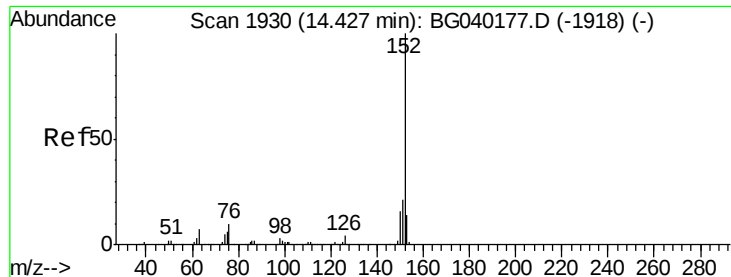
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.6	45.8
164	32.2	26.2	39.4



#48
 2-Nitroaniline
 Concen: 43.571 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	53.8	80.6
138	104.9	86.3	129.5





#49

Acenaphthylene

Concen: 42.593 ng

RT: 14.43 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampled :

TP-1MSD

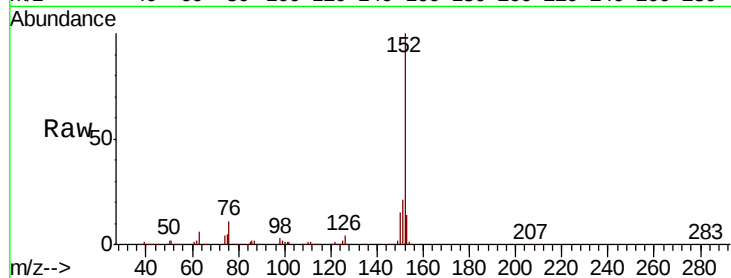
Tgt Ion:152 Resp: 648170

Ion Ratio Lower Upper

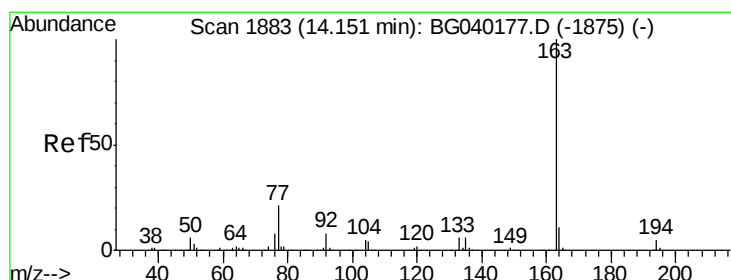
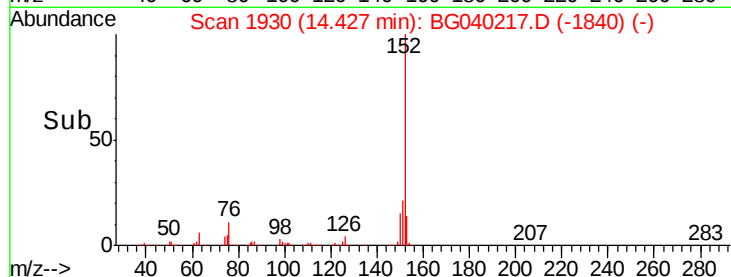
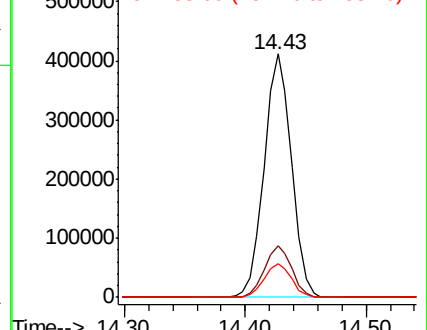
152 100

151 21.3 17.0 25.6

153 13.7 10.8 16.2



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: 45.349 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

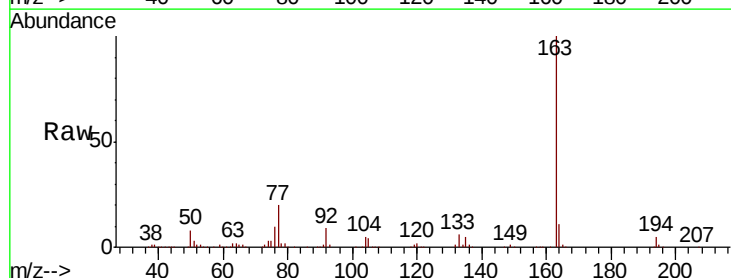
Tgt Ion:163 Resp: 525605

Ion Ratio Lower Upper

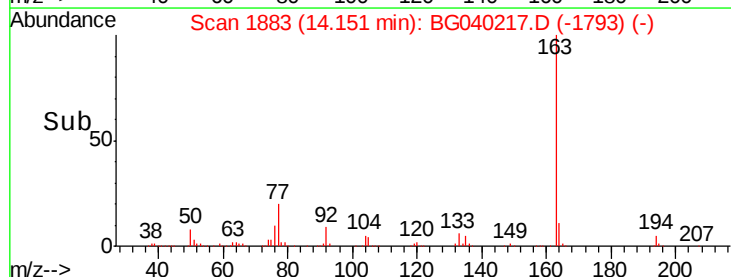
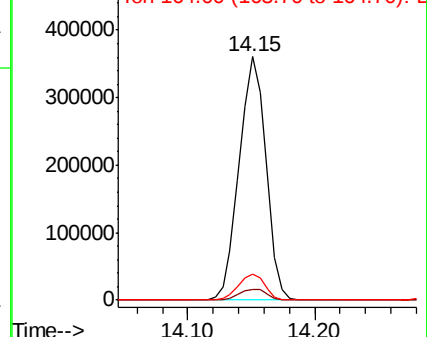
163 100

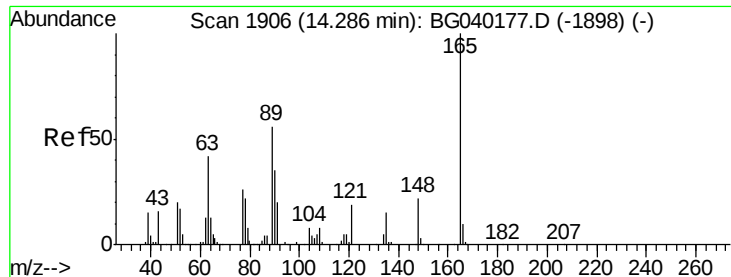
194 4.6 4.1 6.1

164 10.9 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

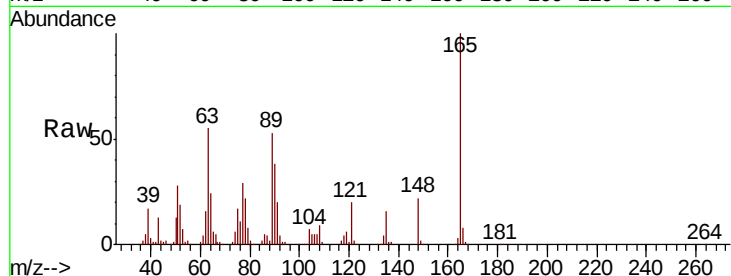




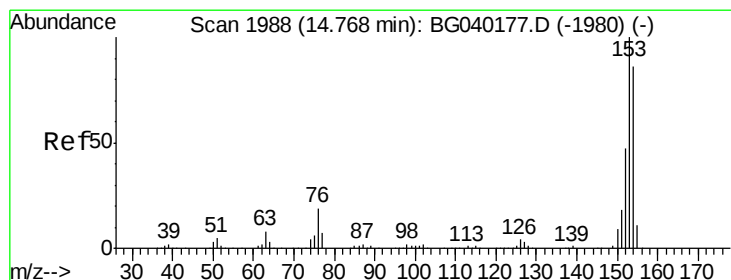
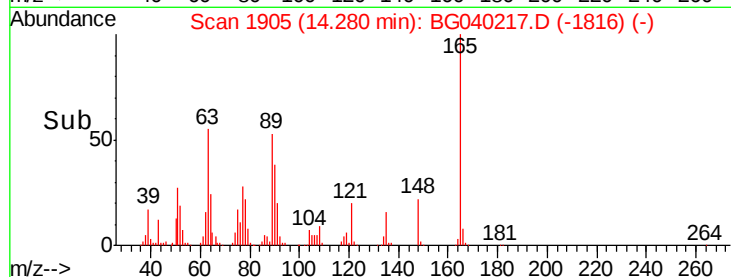
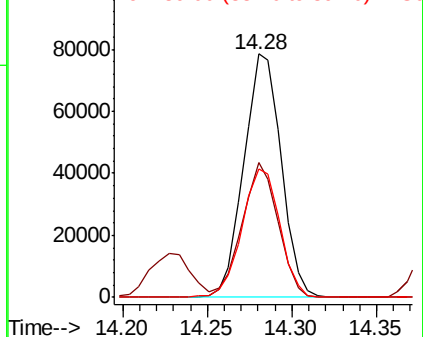
#51
 2,6-Dinitrotoluene
 Concen: 46.467 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tgt Ion:165 Resp: 120927
 Ion Ratio Lower Upper
 165 100
 63 55.2 44.1 66.1
 89 52.6 44.9 67.3

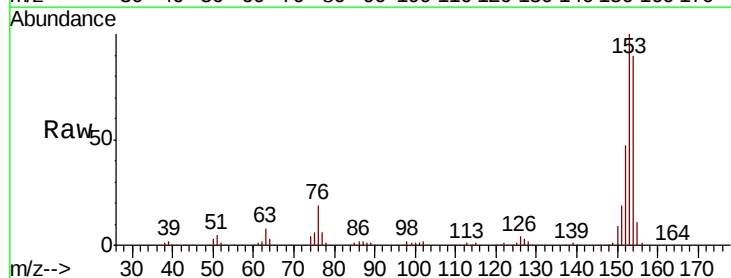


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

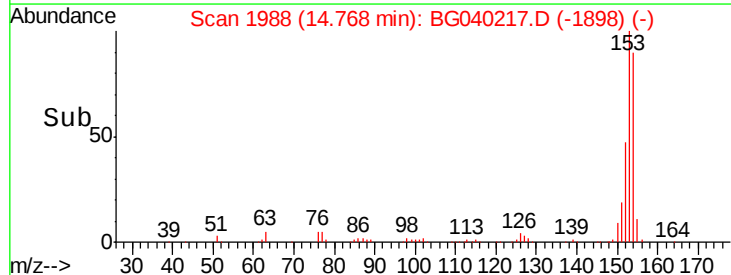
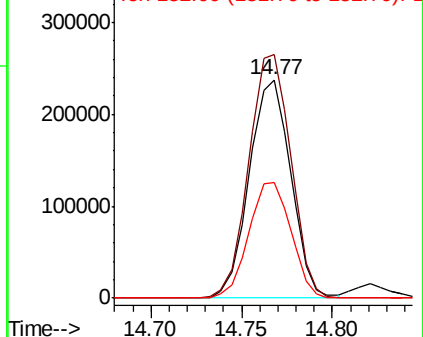


#52
 Acenaphthene
 Concen: 43.464 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion:154 Resp: 379003
 Ion Ratio Lower Upper
 154 100
 153 111.5 92.8 139.2
 152 52.8 43.4 65.2



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

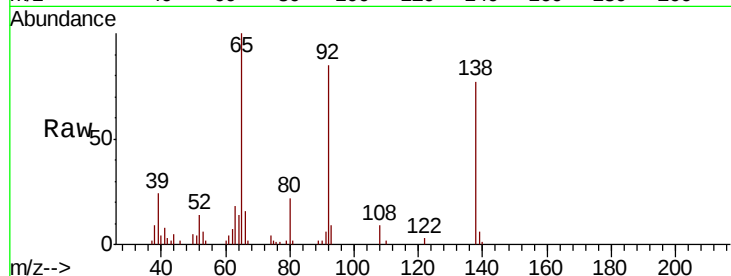




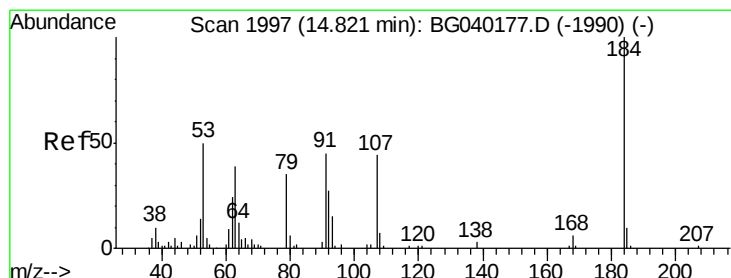
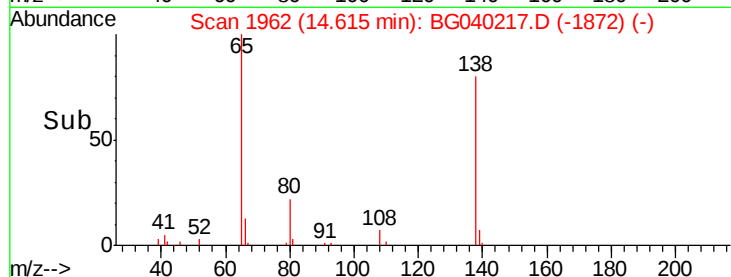
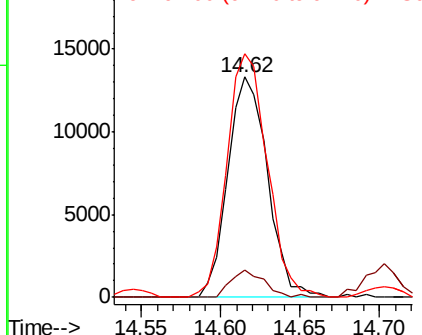
#53
3-Nitroaniline
Concen: 8.396 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:138 Resp: 23129
Ion Ratio Lower Upper
138 100
108 12.3 7.8 11.8#
92 110.5 87.5 131.3

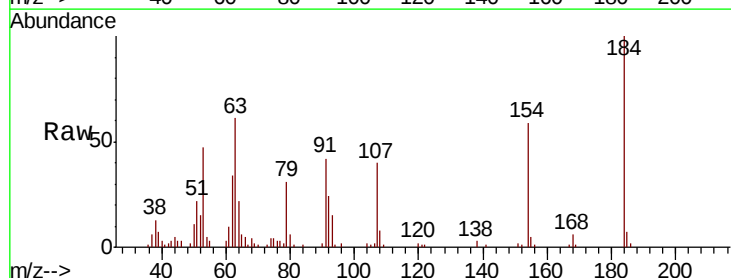


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

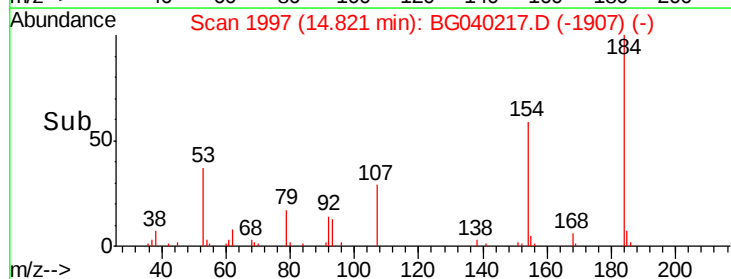
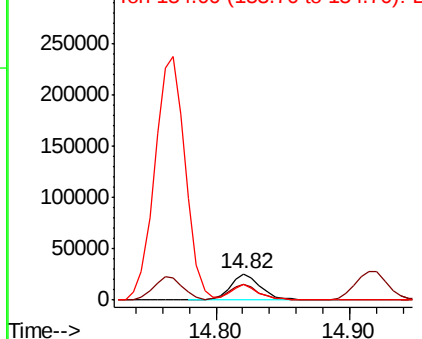


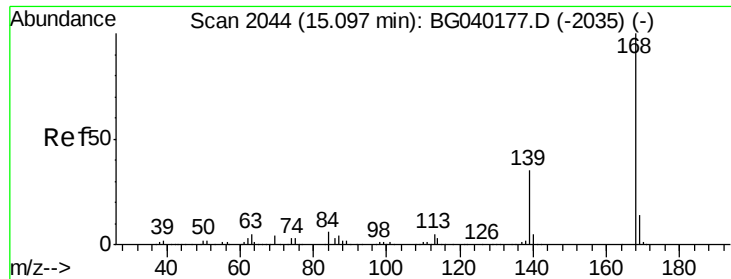
#54
2,4-Dinitrophenol
Concen: 29.883 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion:184 Resp: 41358
Ion Ratio Lower Upper
184 100
63 60.6 51.8 77.8
154 59.3 50.9 76.3



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

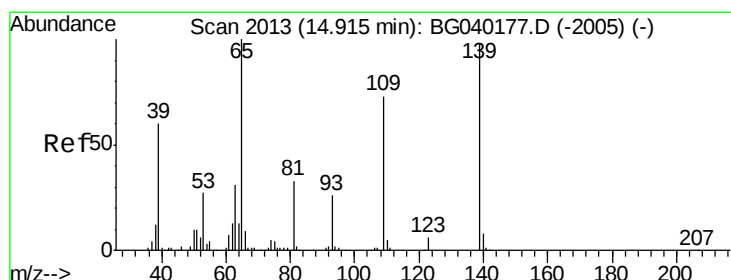
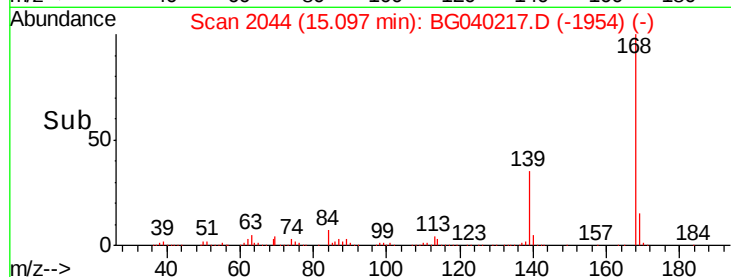
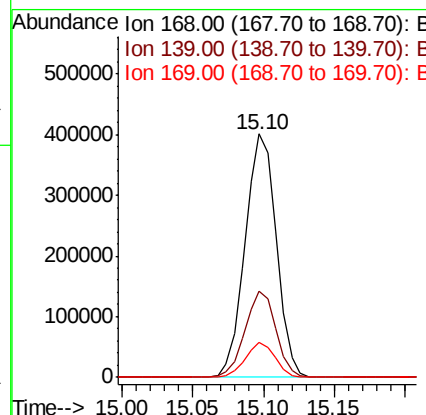
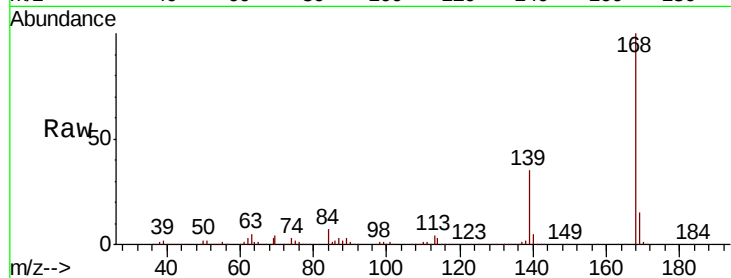




#55
Dibenzenofuran
Concen: 44.381 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

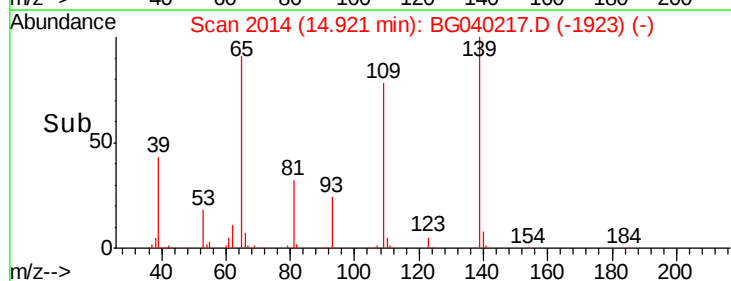
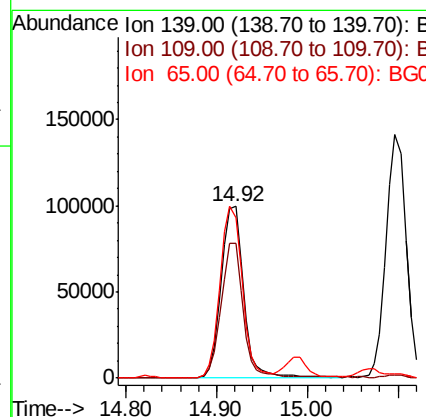
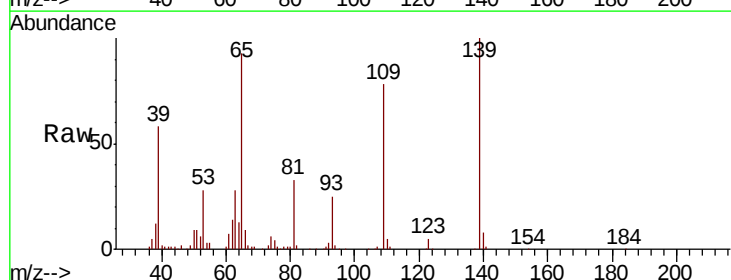
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

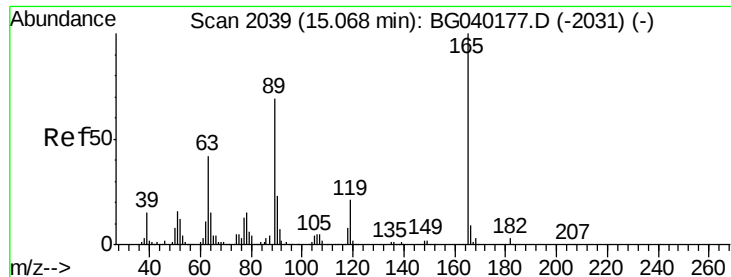
Tgt Ion:168 Resp: 621857
Ion Ratio Lower Upper
168 100
139 35.2 27.9 41.9
169 14.5 11.3 16.9



#56
4-Nitrophenol
Concen: 77.735 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion:139 Resp: 172828
Ion Ratio Lower Upper
139 100
109 78.3 54.3 94.3
65 93.1 82.5 122.5

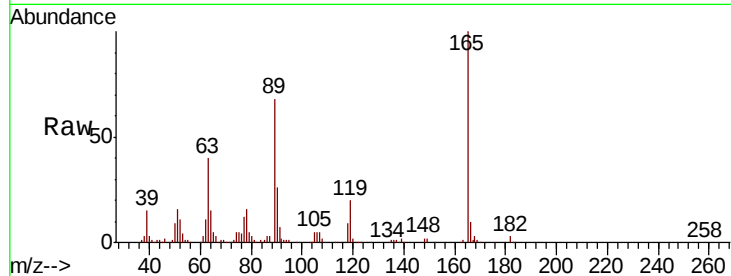




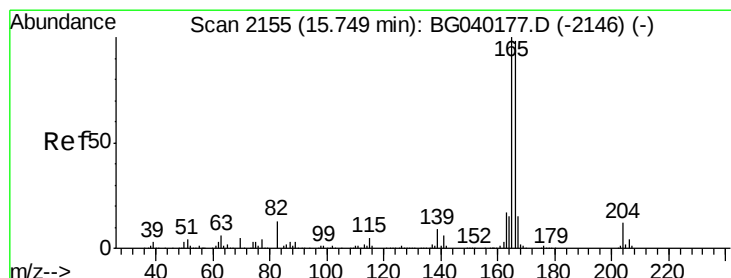
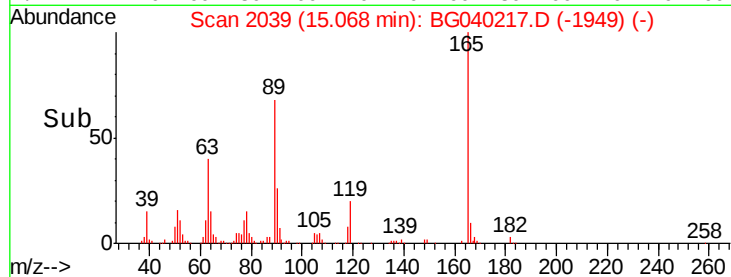
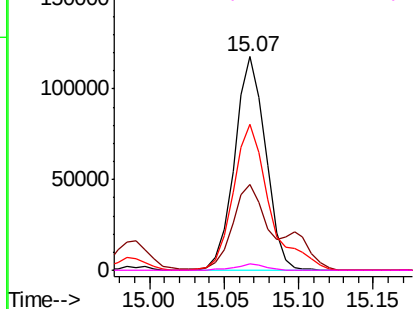
#57
2,4-Dinitrotoluene
Concen: 47.023 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:165 Resp: 170038
Ion Ratio Lower Upper
165 100
63 40.3 33.8 50.6
89 68.1 55.4 83.2
182 3.3 2.2 3.4

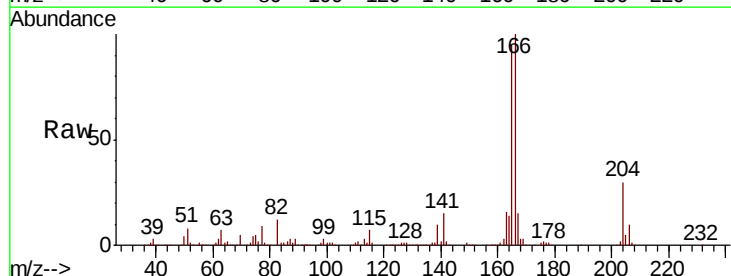


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

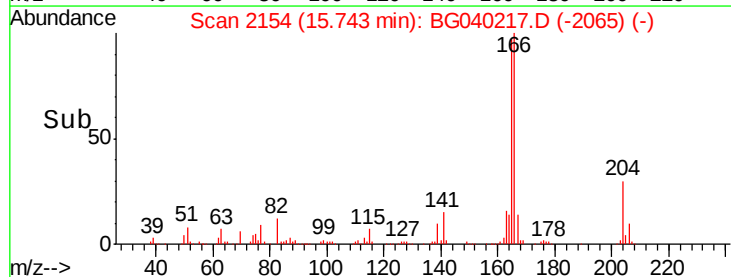
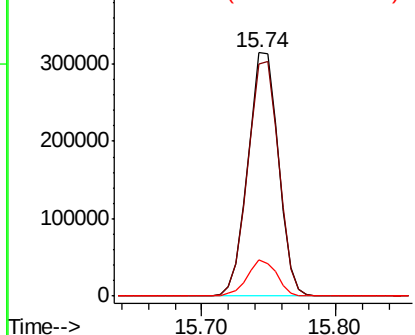


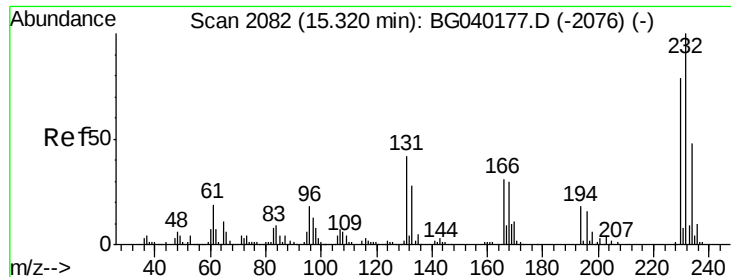
#58
Fluorene
Concen: 44.810 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion:166 Resp: 493640
Ion Ratio Lower Upper
166 100
165 95.4 81.7 122.5
167 14.8 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

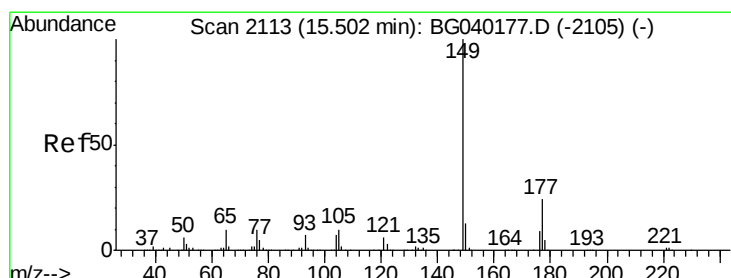
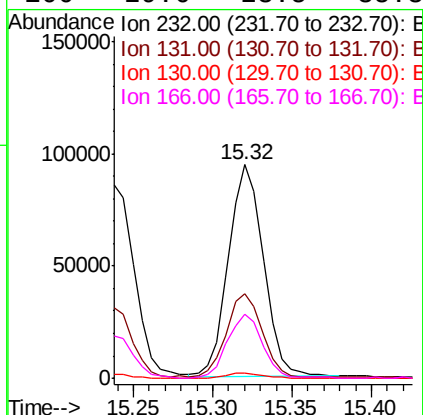
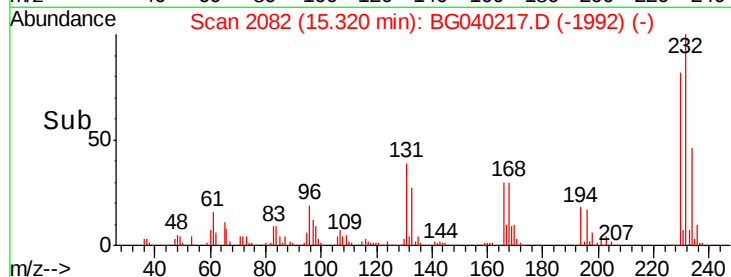
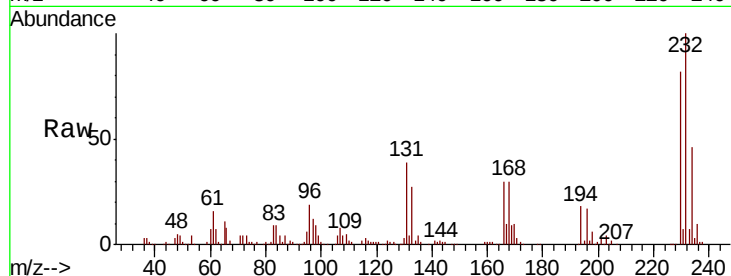




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.466 ng
RT: 15.32 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

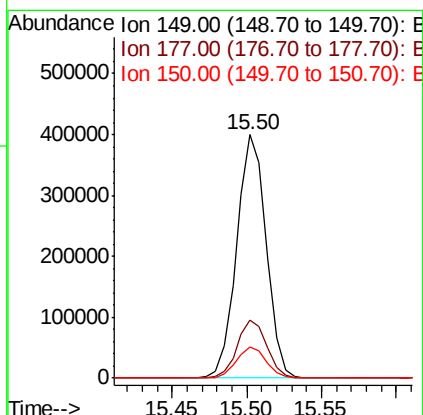
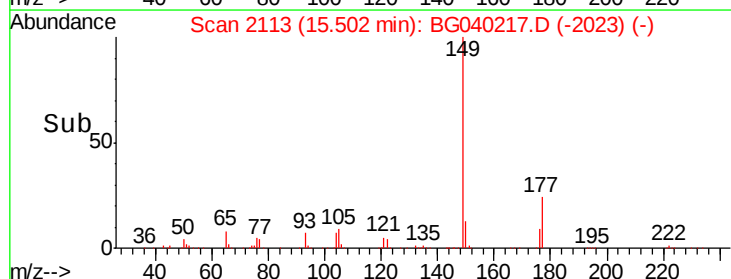
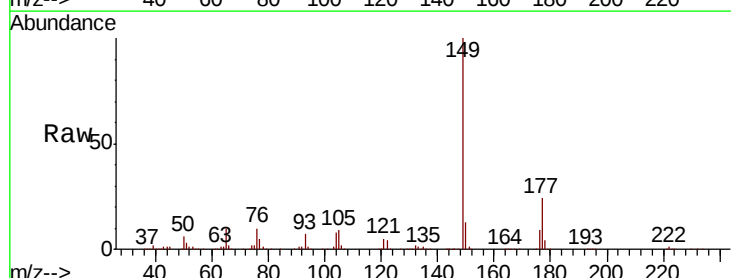
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

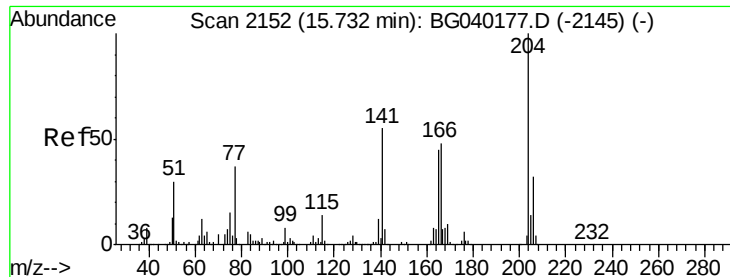
Tgt Ion:	232	Resp:	145474
Ion	Ratio	Lower	Upper
232	100		
131	42.3	32.9	49.3
130	2.7	1.8	2.8
166	29.6	23.5	35.3



#60
Diethylphthalate
Concen: 46.160 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion:	149	Resp:	547458
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	12.7	10.6	15.8

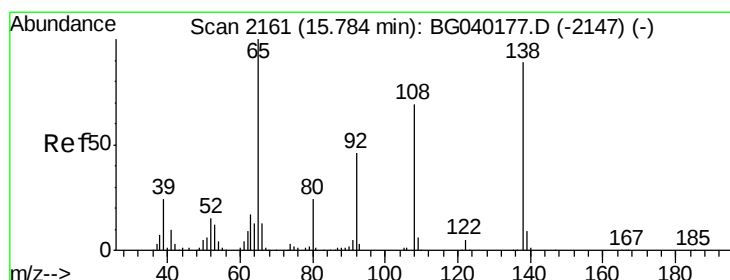
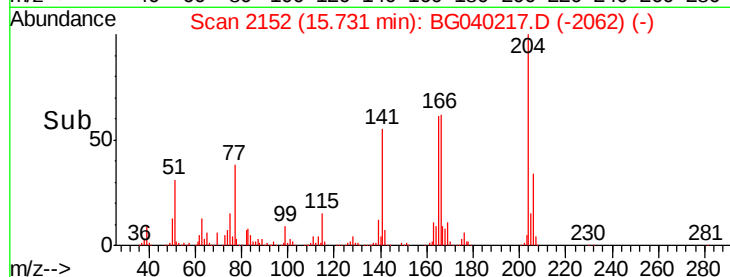
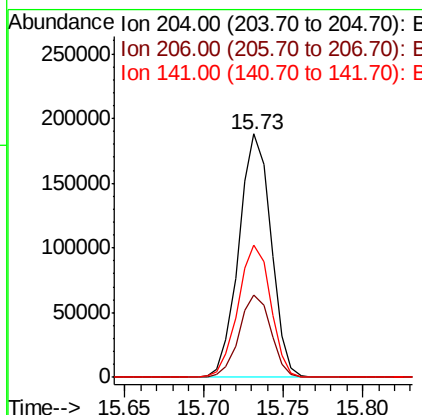
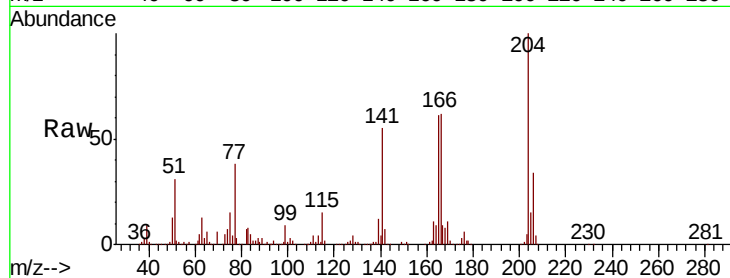




#61
 4-Chlorophenyl-phenylether
 Concen: 45.056 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

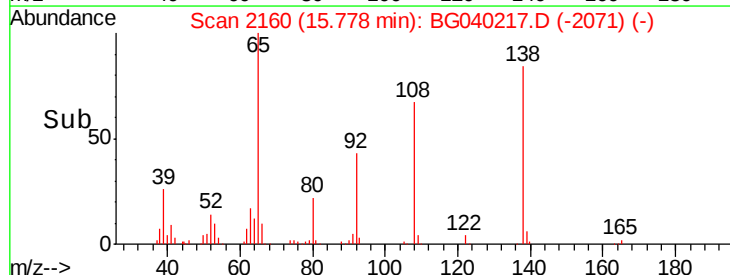
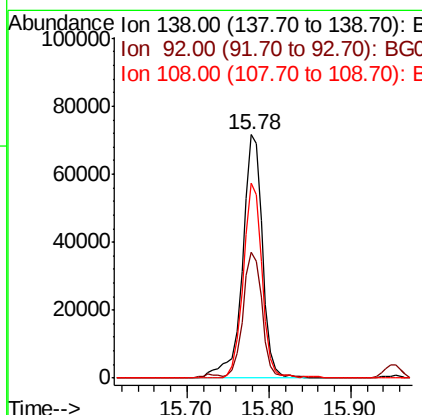
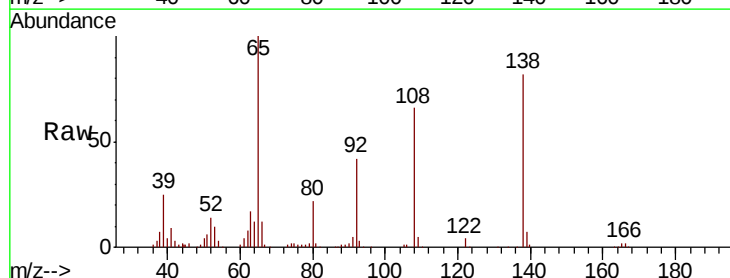
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

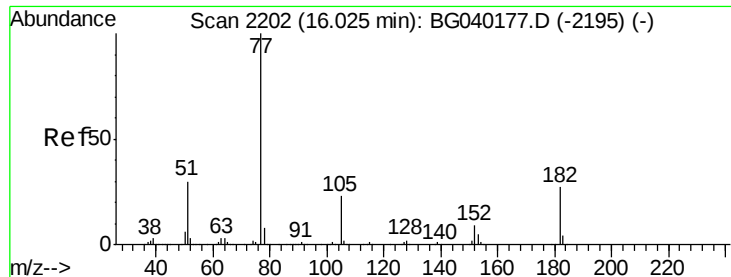
Tgt Ion: 204 Resp: 265313
 Ion Ratio Lower Upper
 204 100
 206 33.9 25.7 38.5
 141 54.6 44.0 66.0



#62
 4-Nitroaniline
 Concen: 41.066 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion: 138 Resp: 121403
 Ion Ratio Lower Upper
 138 100
 92 51.5 31.8 71.8
 108 80.2 57.2 97.2

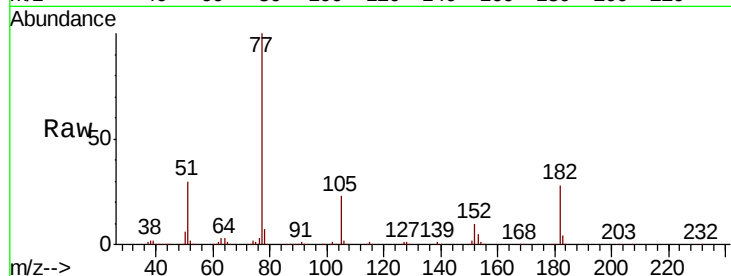




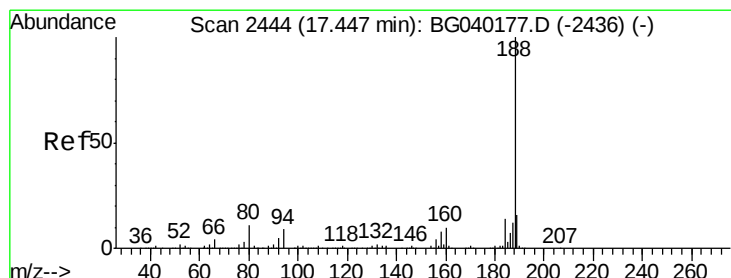
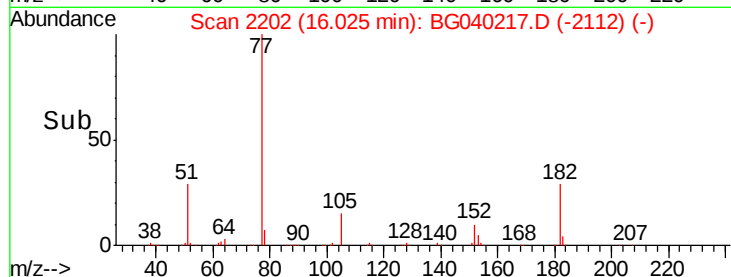
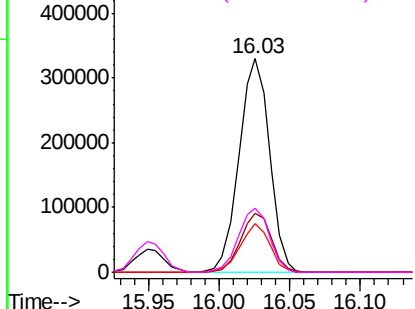
#63
Azobenzene
Concen: 44.526 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 77 Resp: 498118
Ion Ratio Lower Upper
77 100
182 27.9 7.2 47.2
105 22.7 2.8 42.8
51 30.1 10.4 50.4

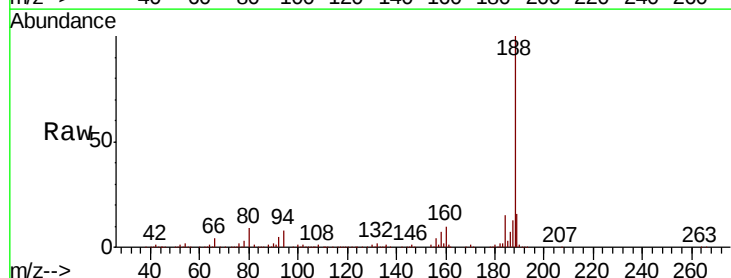


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

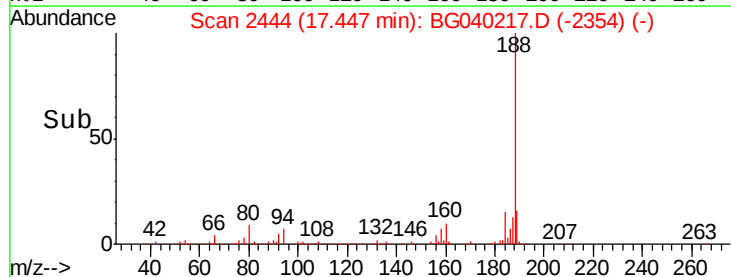
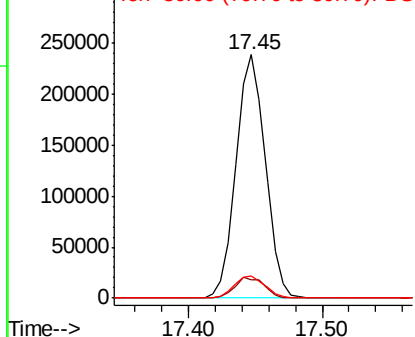


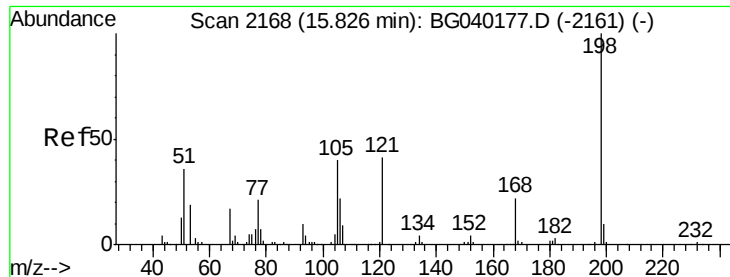
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion: 188 Resp: 362738
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.4
80 9.0 8.6 13.0



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: 24.847 ng

RT: 15.83 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

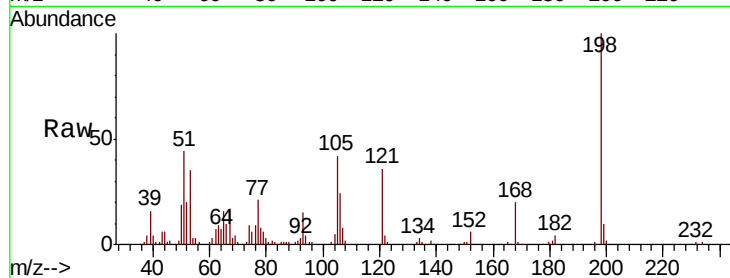
Tgt Ion:198 Resp: 50636

Ion Ratio Lower Upper

198 100

51 44.2 27.3 67.3

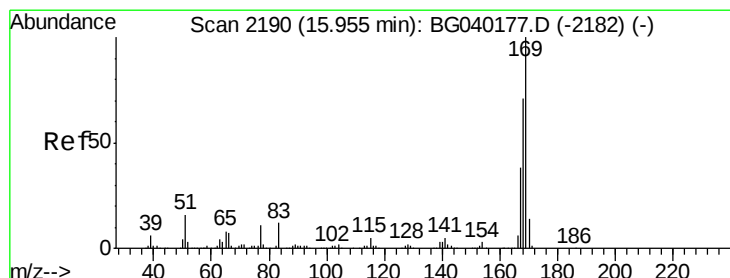
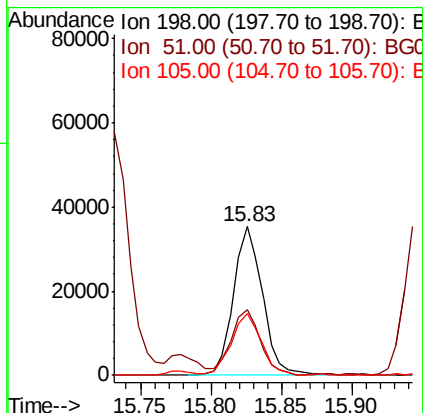
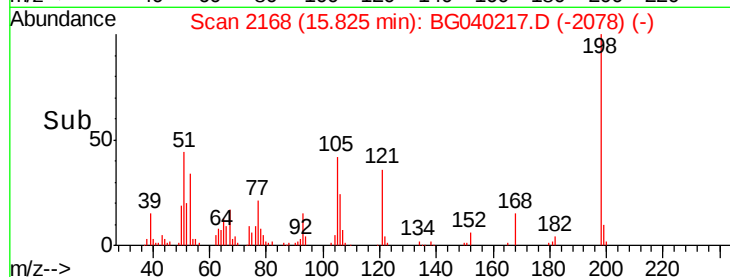
105 41.8 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.900 ng

RT: 15.95 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

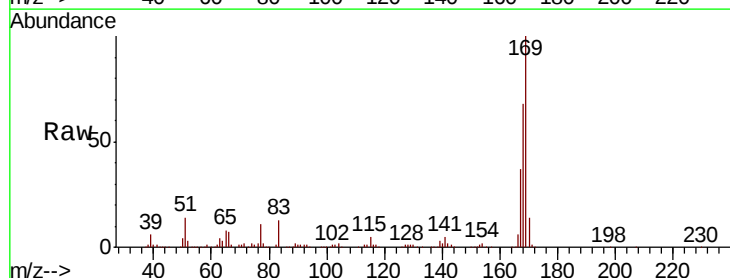
Tgt Ion:169 Resp: 465990

Ion Ratio Lower Upper

169 100

168 68.2 56.8 85.2

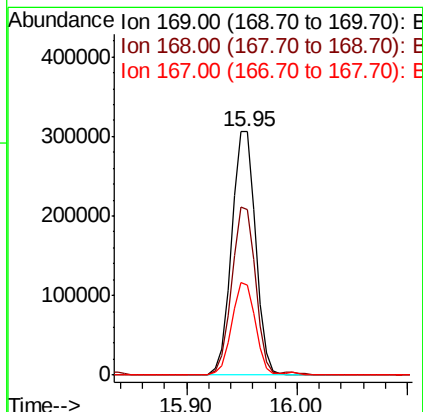
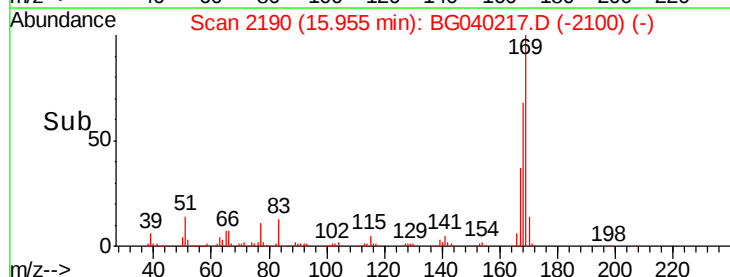
167 36.7 30.2 45.4



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

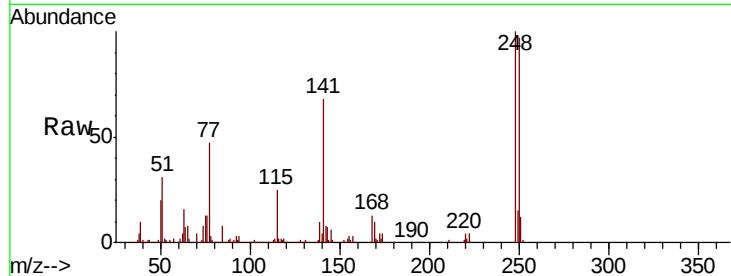




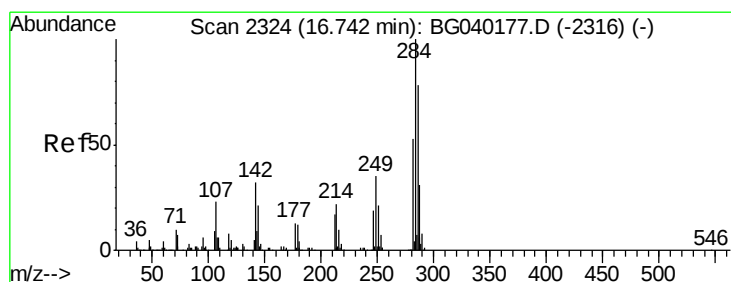
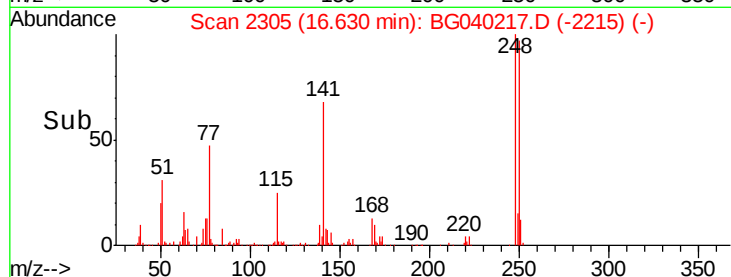
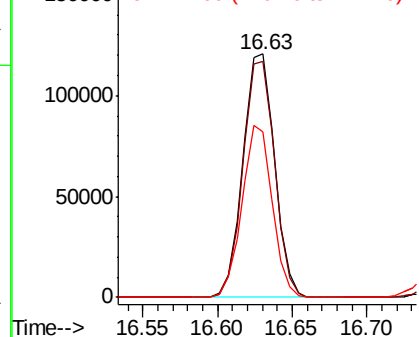
#67
4-Bromophenyl-phenylether
Concen: 43.555 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:248 Resp: 177794
Ion Ratio Lower Upper
248 100
250 97.1 76.4 114.6
141 67.7 53.8 80.8

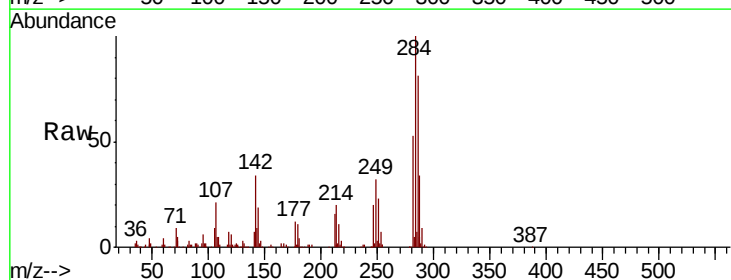


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

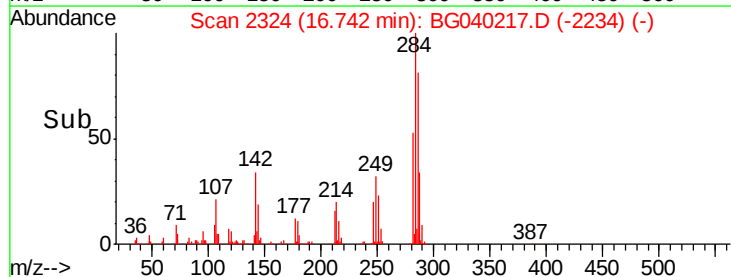
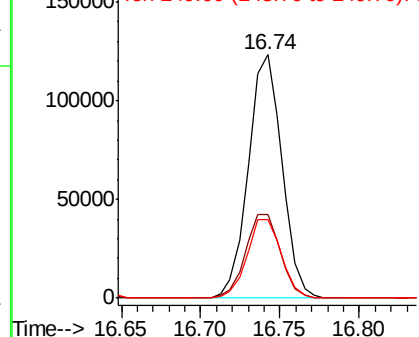


#68
Hexachlorobenzene
Concen: 44.174 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion:284 Resp: 181306
Ion Ratio Lower Upper
284 100
142 34.2 25.3 37.9
249 32.3 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

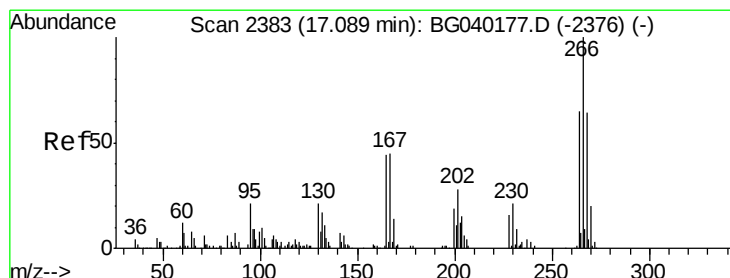
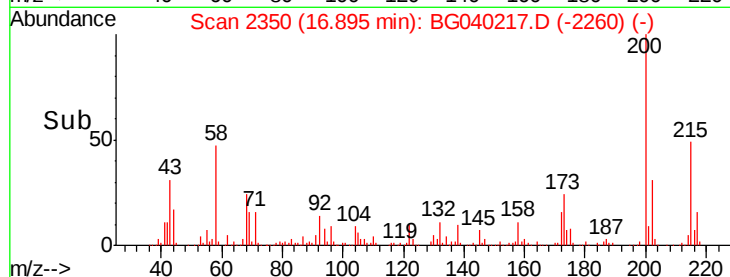
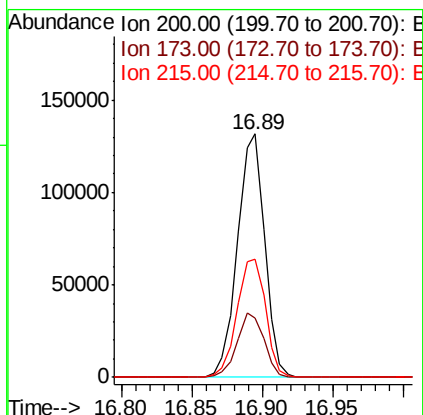
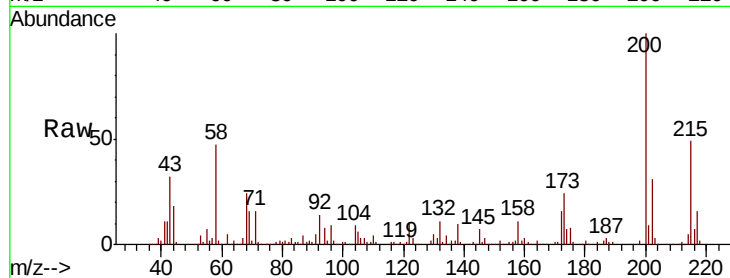




#69
 Atrazine
 Concen: 44.790 ng
 RT: 16.89 min Scan# 2350
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

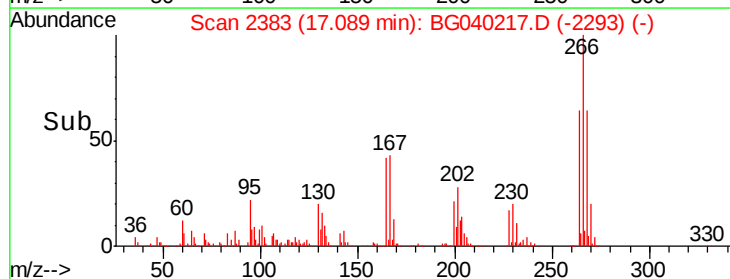
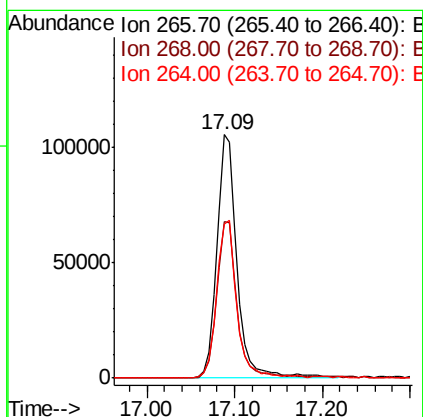
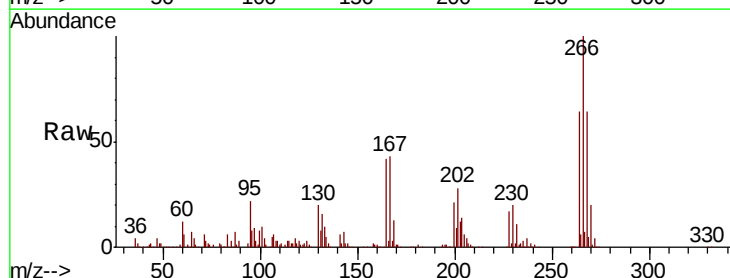
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

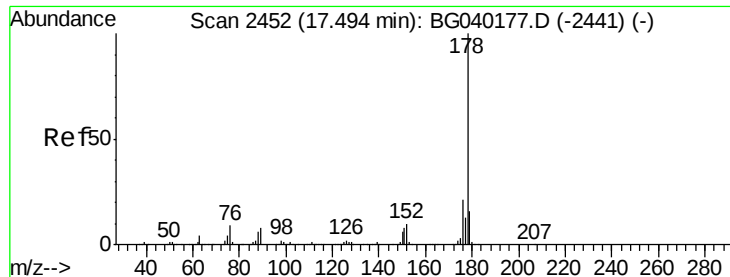
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.3	7.1	47.1
215	48.6	30.9	70.9



#70
 Pentachlorophenol
 Concen: 71.282 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG040217.D
 Acq: 29 Mar 2019 3:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	55.0	82.4
264	63.5	51.8	77.8

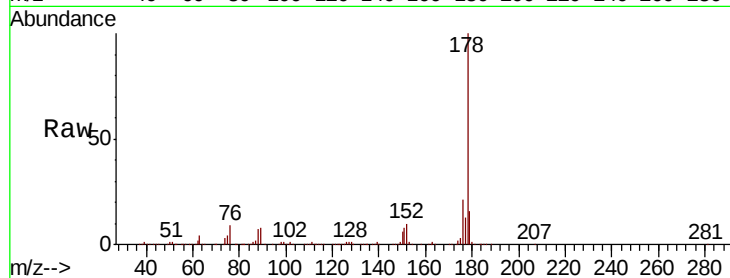




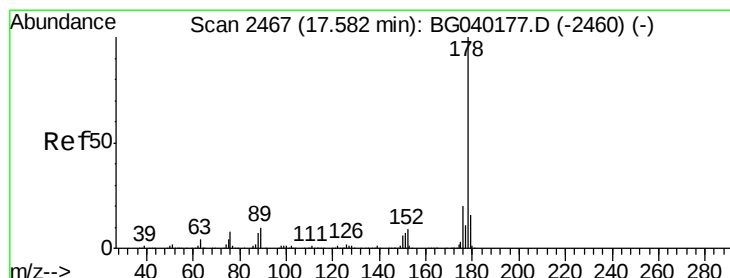
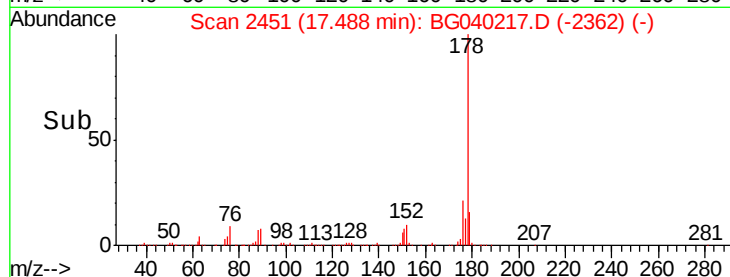
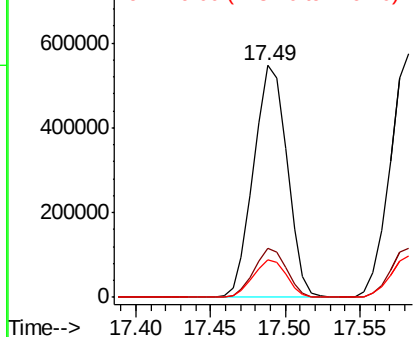
#71
Phenanthrene
Concen: 44.567 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:178 Resp: 849719
Ion Ratio Lower Upper
178 100
176 20.9 16.7 25.1
179 16.1 12.8 19.2

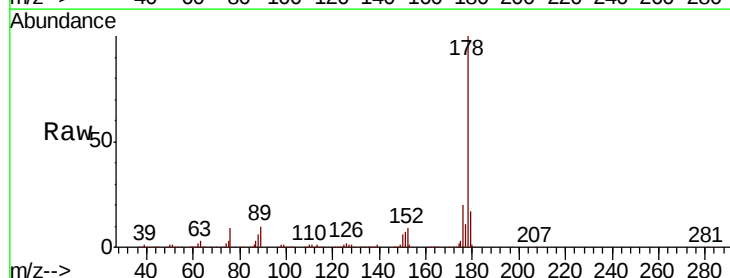


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

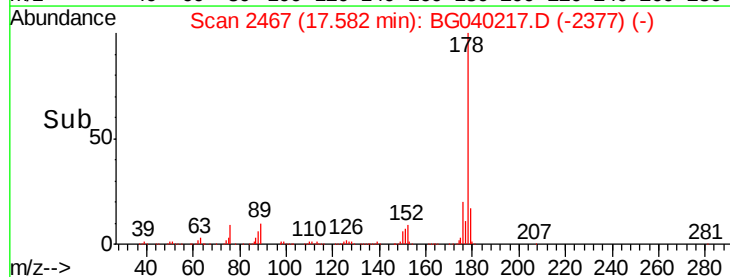
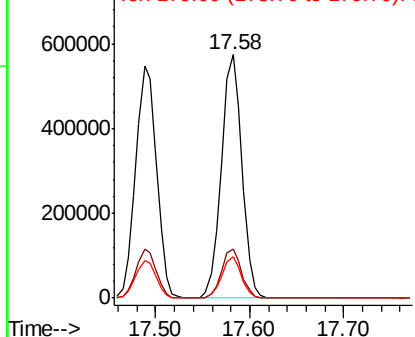


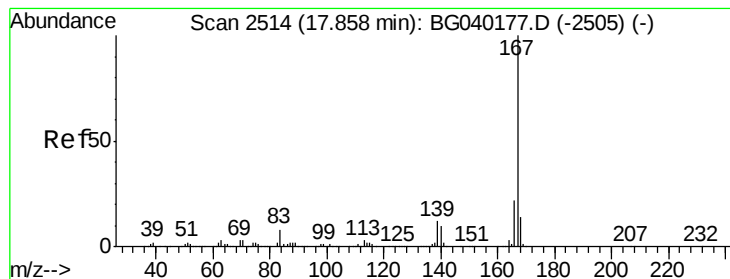
#72
Anthracene
Concen: 45.818 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion:178 Resp: 874383
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.9 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: 45.464 ng

RT: 17.85 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

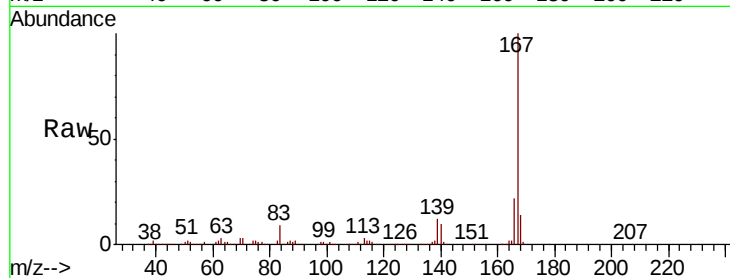
Tgt Ion:167 Resp: 821109

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

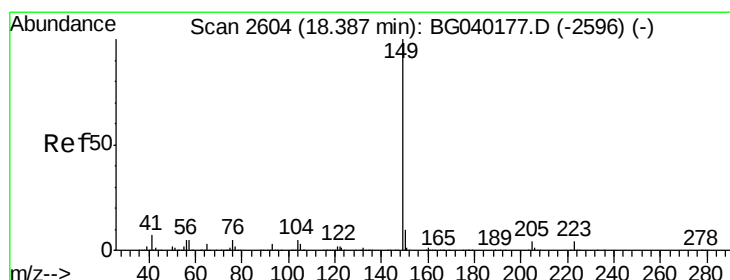
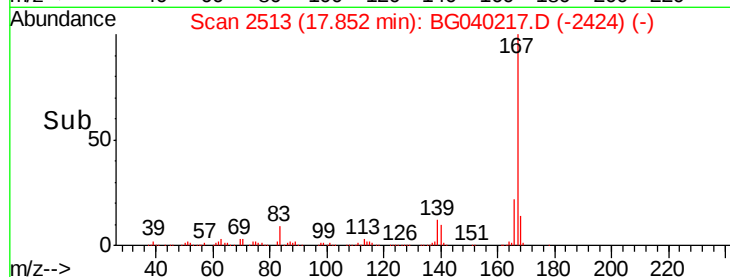
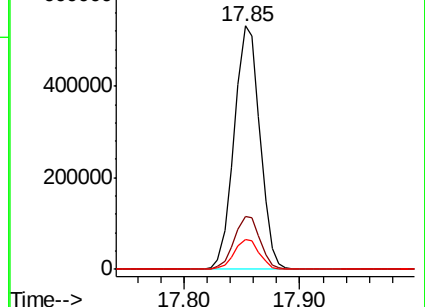
139 12.3 10.0 15.0



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: 45.405 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

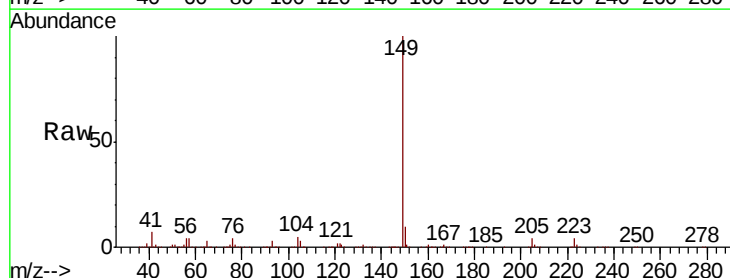
Tgt Ion:149 Resp: 972028

Ion Ratio Lower Upper

149 100

150 9.6 7.9 11.9

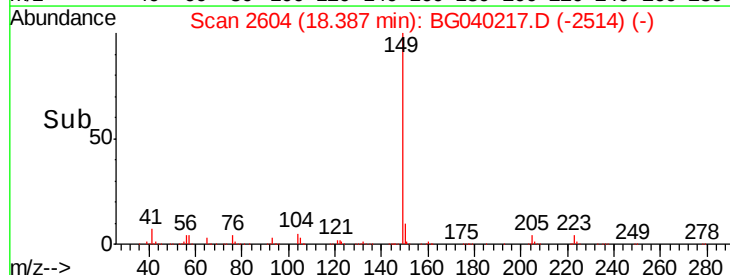
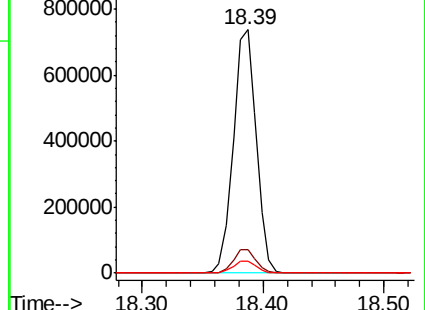
104 5.2 4.1 6.1

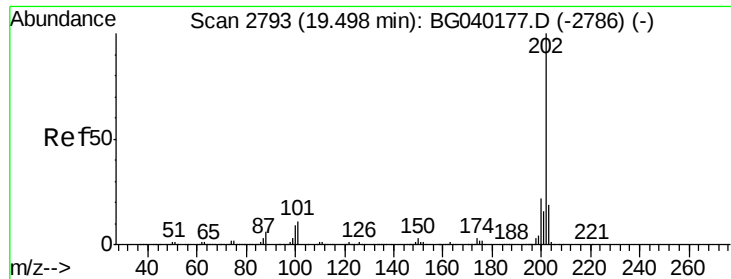


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.289 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

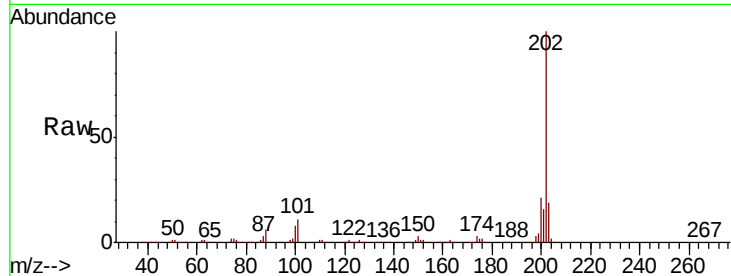
Tgt Ion:202 Resp: 1045057

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.8

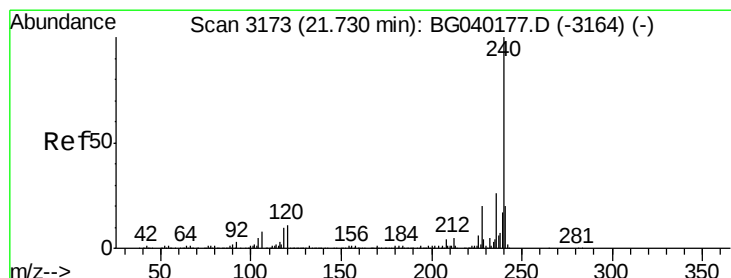
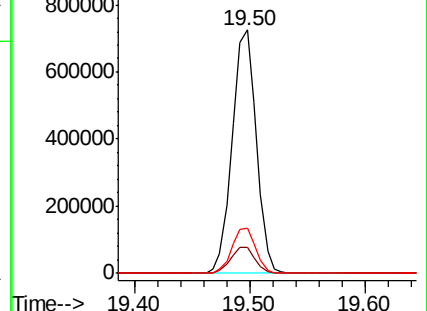
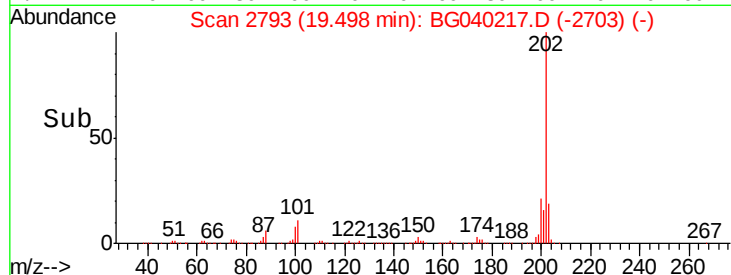
203 18.5 0.0 38.9



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: 21.72 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

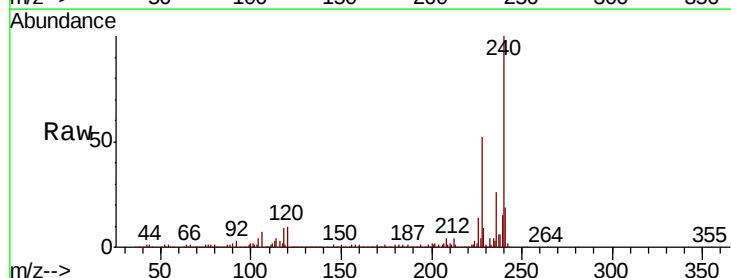
Tgt Ion:240 Resp: 362318

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

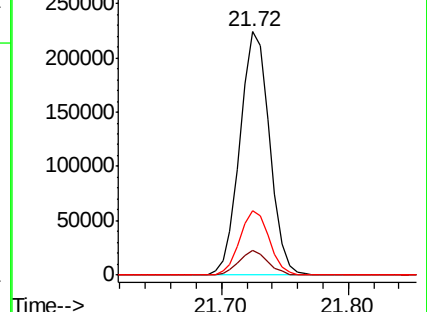
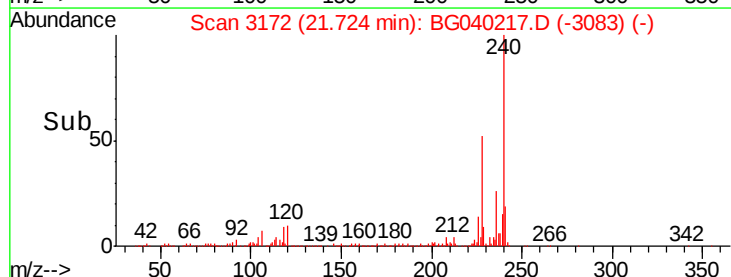
236 26.4 20.8 31.2

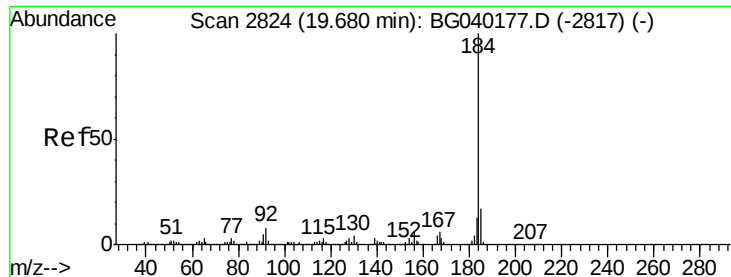


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.926 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

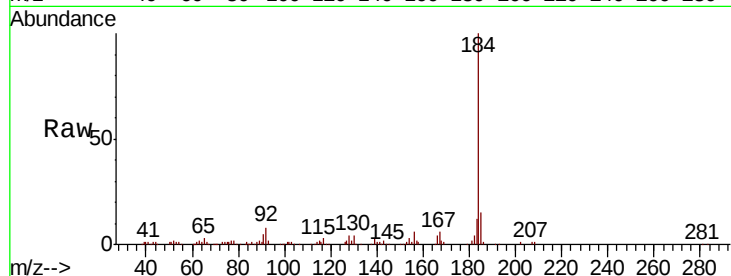
Tgt Ion:184 Resp: 116785

Ion Ratio Lower Upper

184 100

185 14.6 13.3 19.9

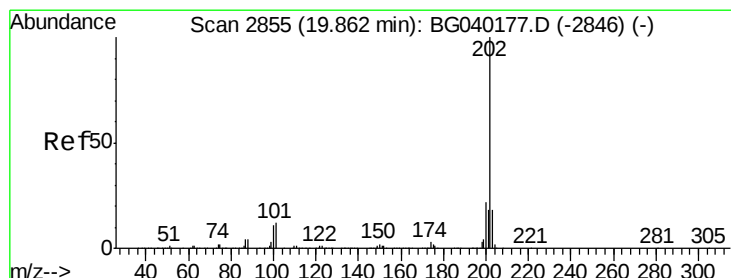
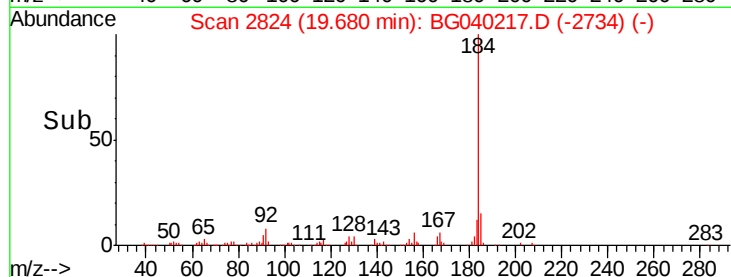
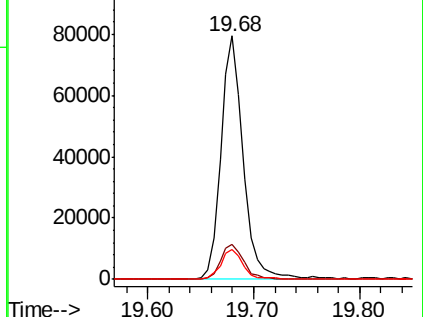
183 12.2 10.3 15.5



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: 44.261 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

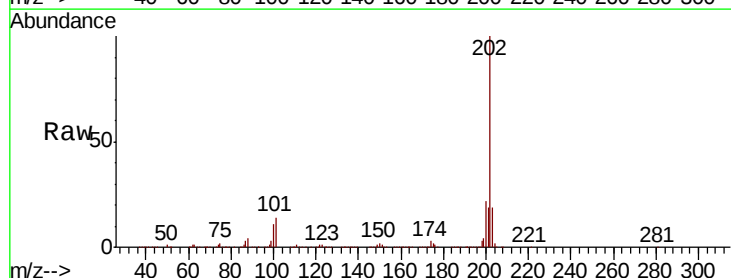
Tgt Ion:202 Resp: 1054576

Ion Ratio Lower Upper

202 100

200 22.0 17.3 25.9

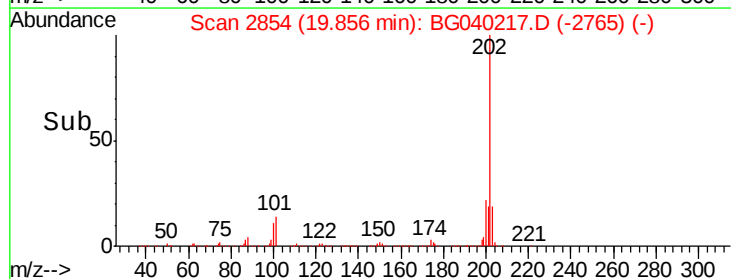
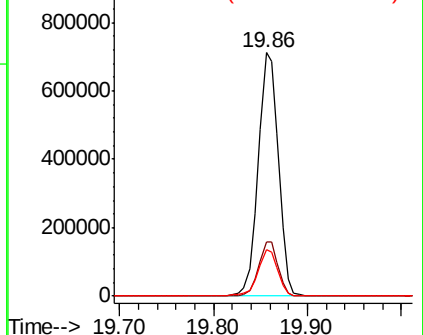
203 18.9 14.6 22.0



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: 86.696 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

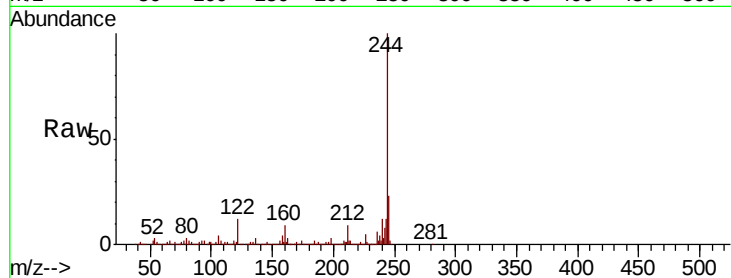
Tgt Ion:244 Resp: 1396278

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

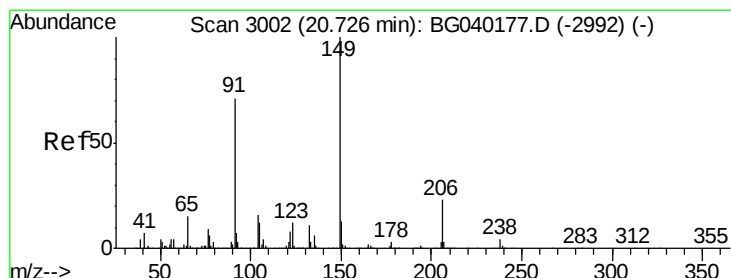
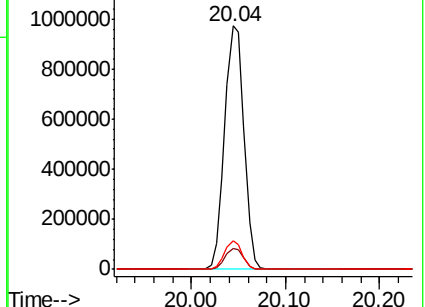
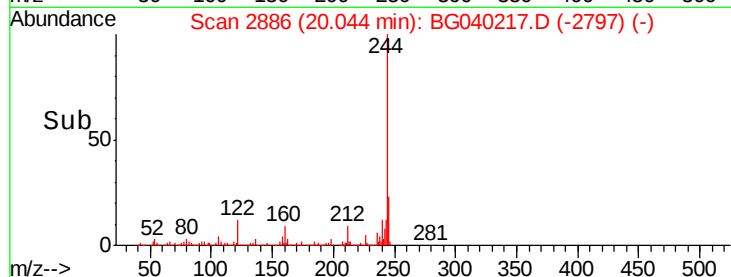
122 11.8 8.5 12.7



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: 43.888 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

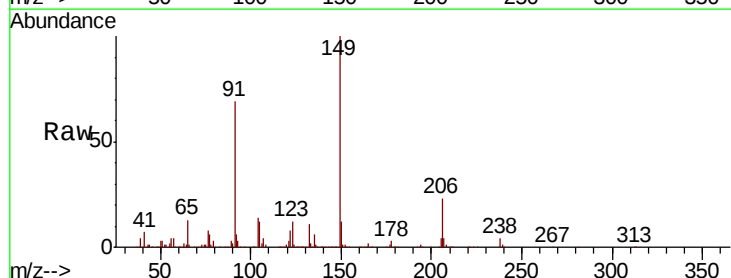
Tgt Ion:149 Resp: 447465

Ion Ratio Lower Upper

149 100

91 68.9 57.0 85.4

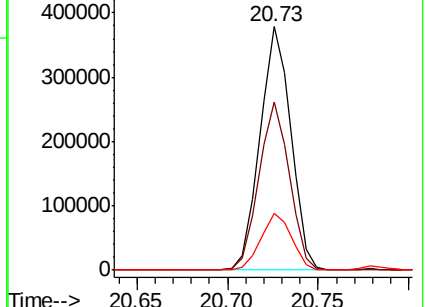
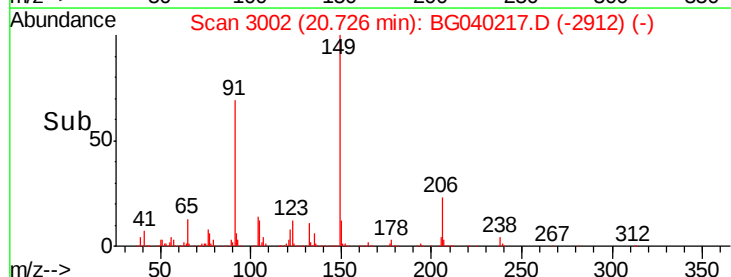
206 23.1 18.2 27.4

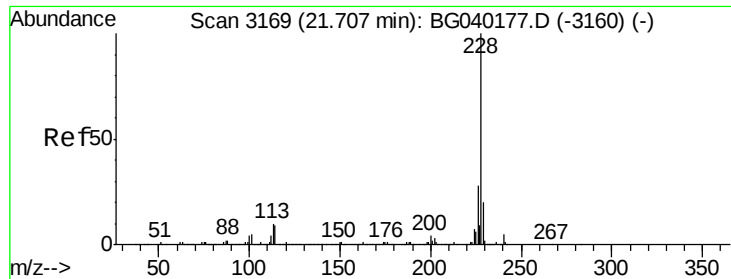


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

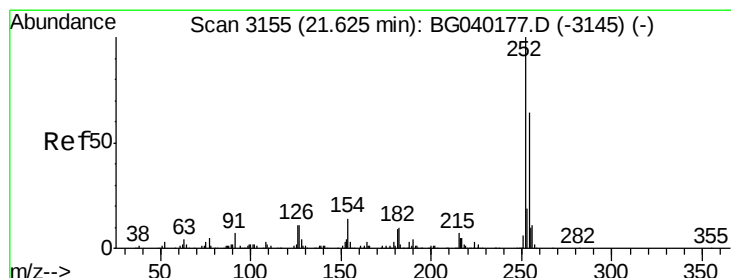
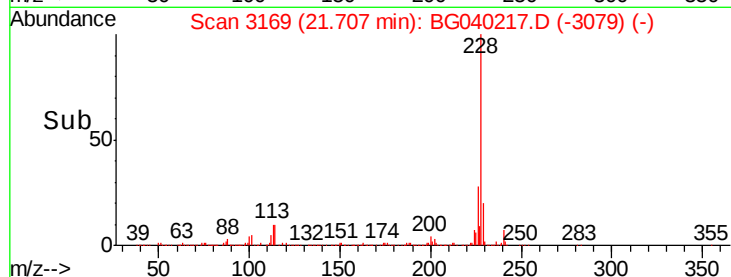
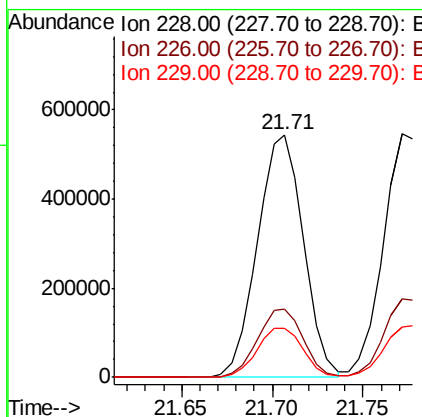
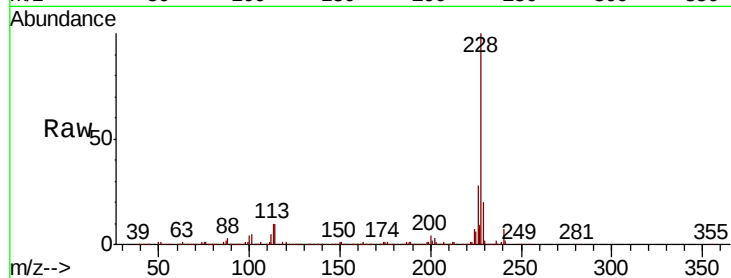




#81
Benzo(a)anthracene
Concen: 43.098 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

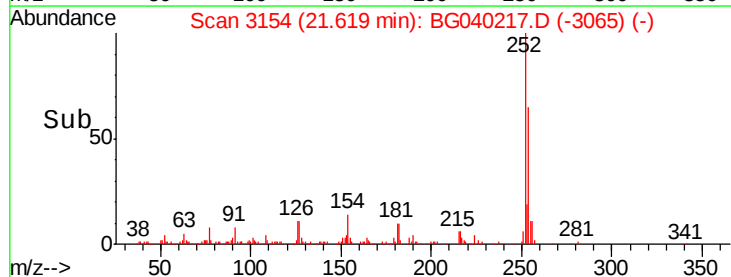
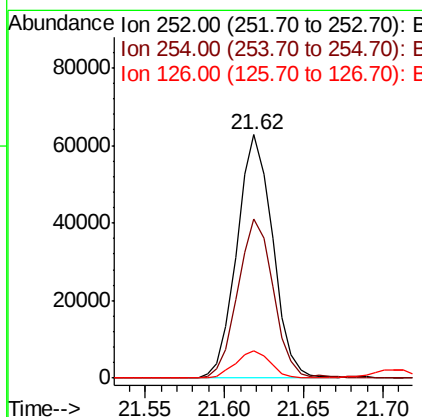
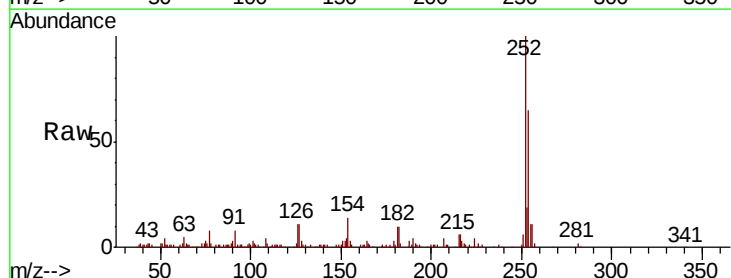
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

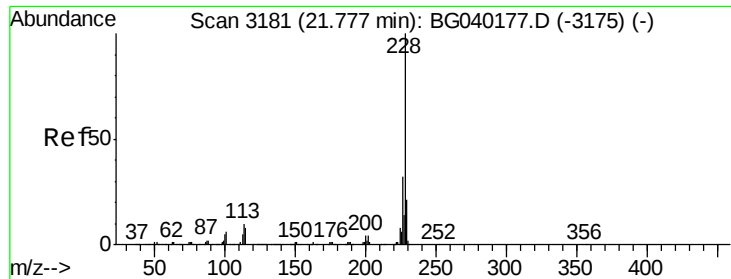
Tgt Ion: 228 Resp: 961808
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 20.4 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 11.588 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion: 252 Resp: 98376
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.2
126 11.3 8.5 12.7





#83

Chrysene

Concen: 43.380 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

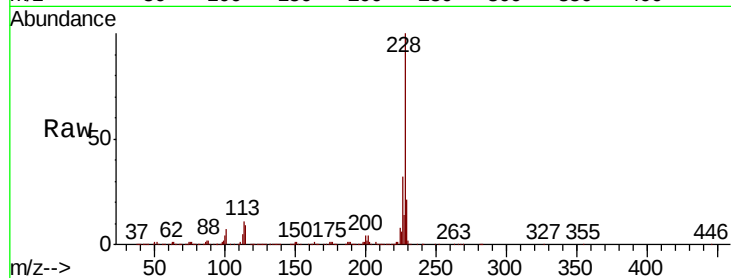
Tgt Ion:228 Resp: 930410

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

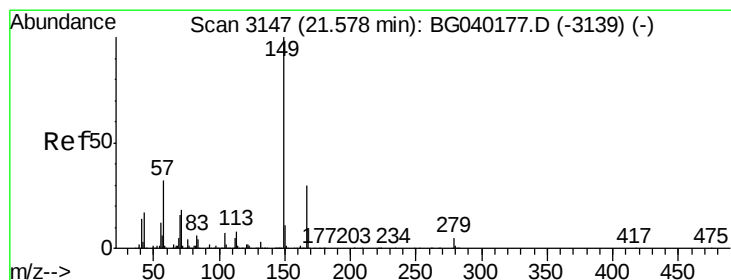
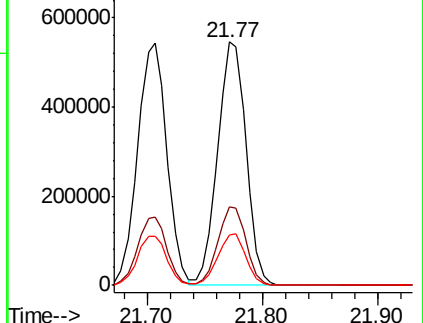
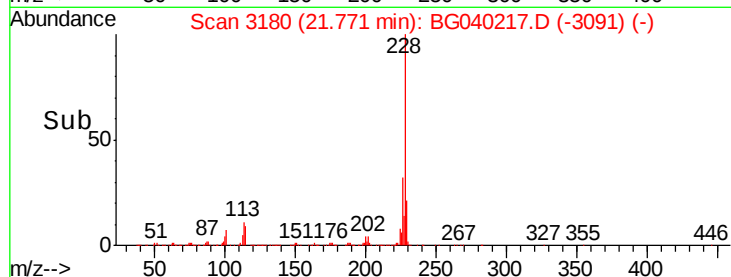
229 20.6 17.0 25.4



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: 43.180 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

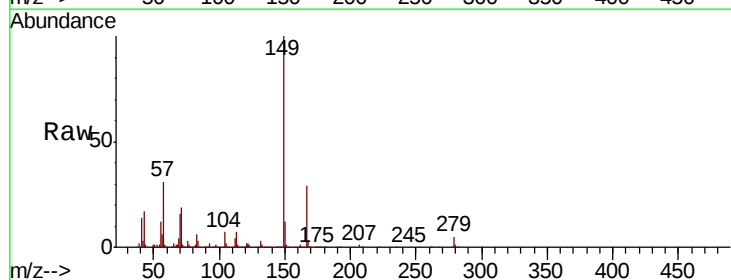
Tgt Ion:149 Resp: 629322

Ion Ratio Lower Upper

149 100

167 29.5 24.1 36.1

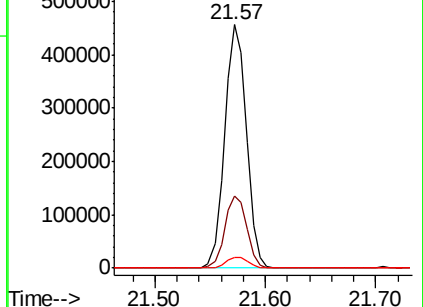
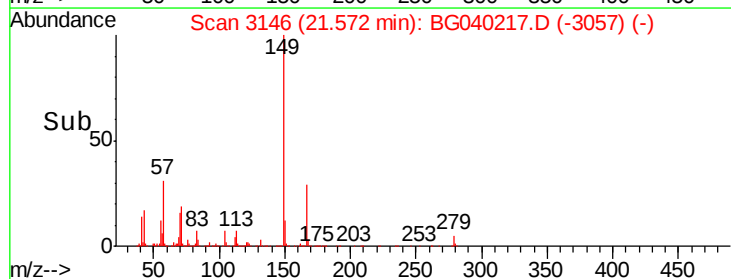
279 4.6 4.1 6.1

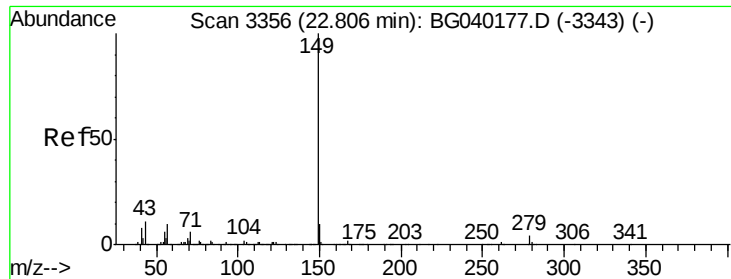


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.324 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

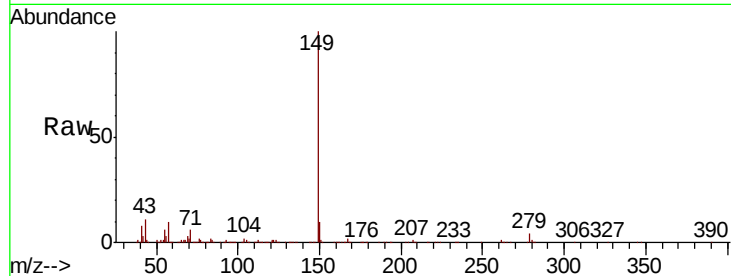
Tgt Ion:149 Resp: 1075782

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

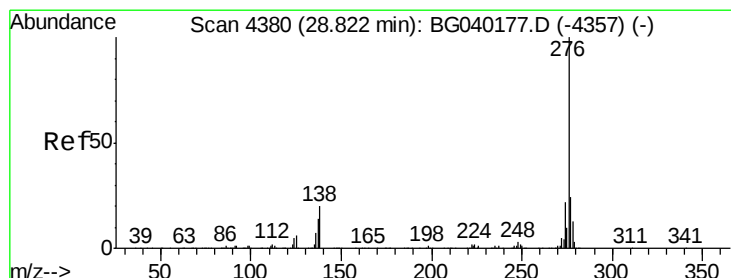
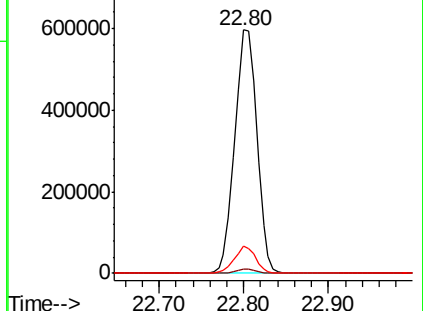
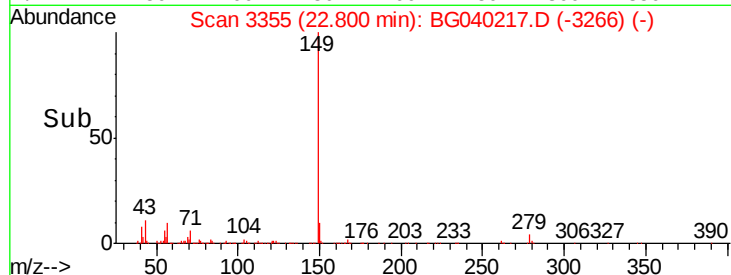
43 10.3 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.383 ng

RT: 28.80 min Scan# 4377

Delta R.T. -0.02 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

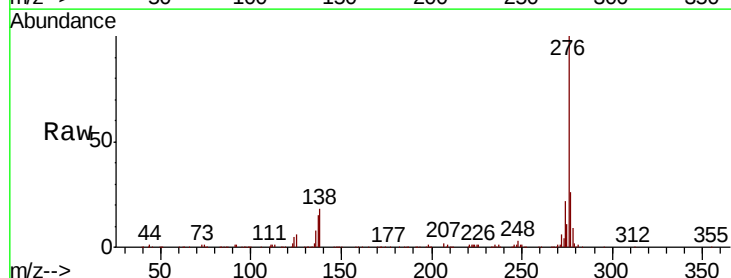
Tgt Ion:276 Resp: 1164248

Ion Ratio Lower Upper

276 100

138 14.3 18.8 28.2#

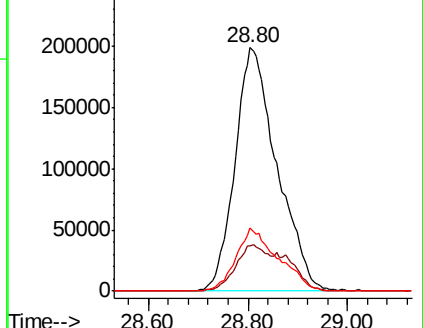
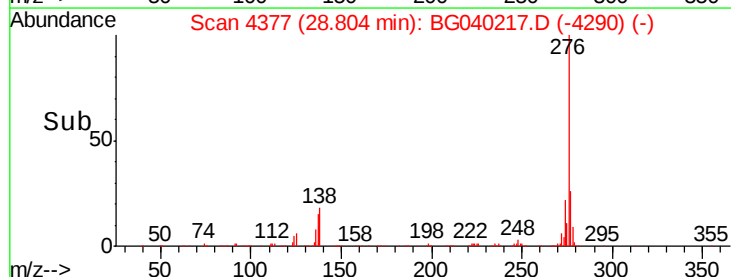
277 25.9 21.0 31.4

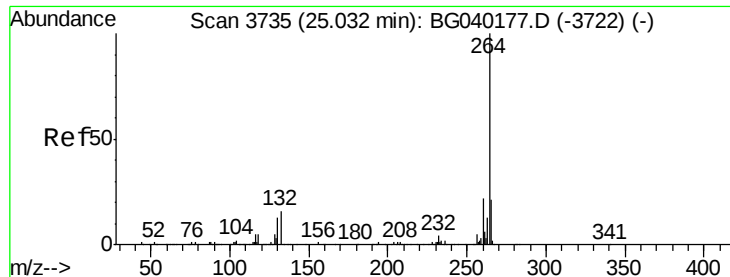


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

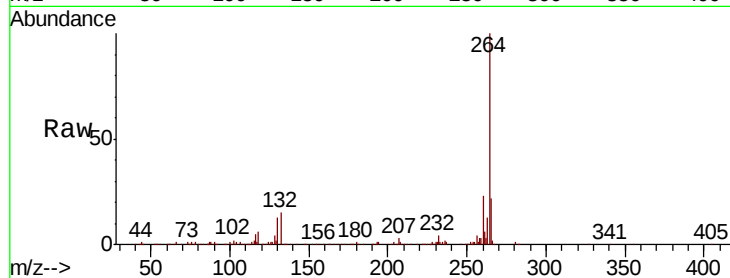
Tgt Ion:264 Resp: 374806

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

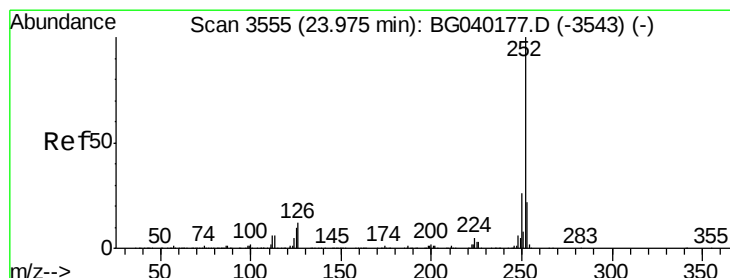
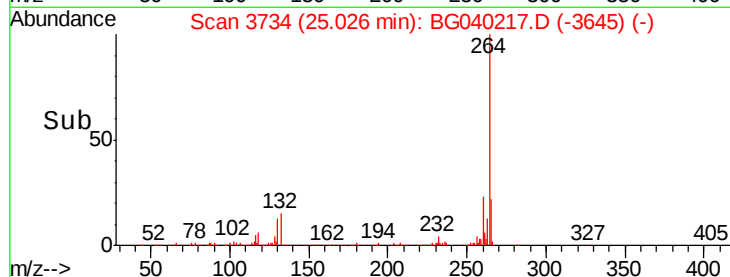
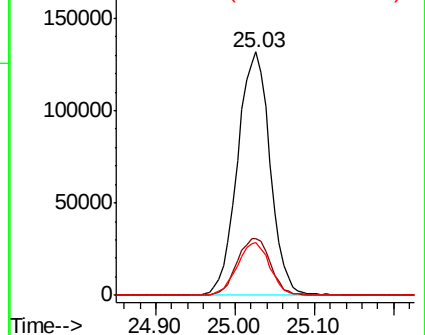
265 21.8 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.615 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

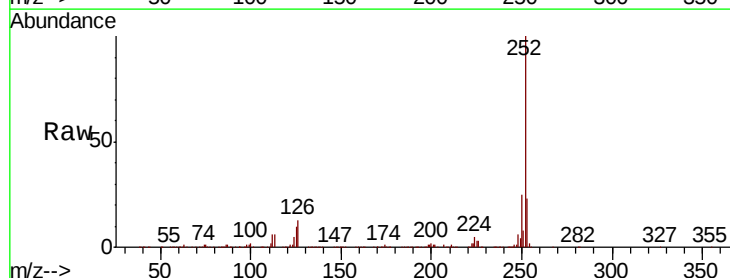
Tgt Ion:252 Resp: 1023773

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

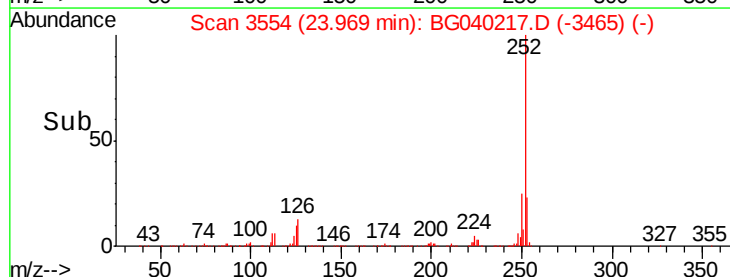
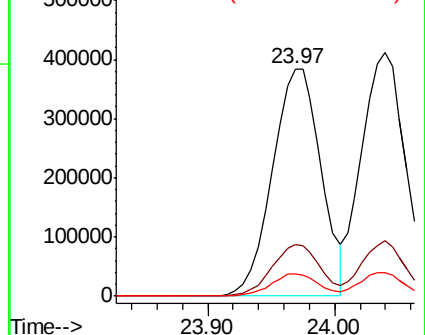
125 9.9 8.2 12.4

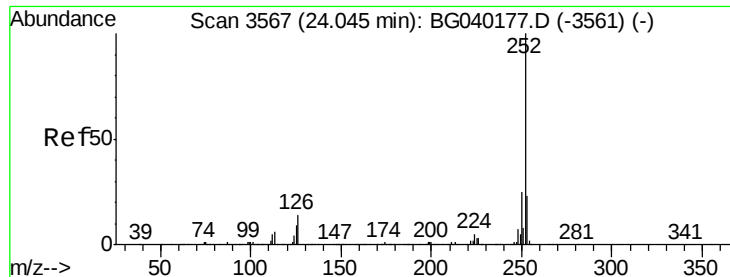


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

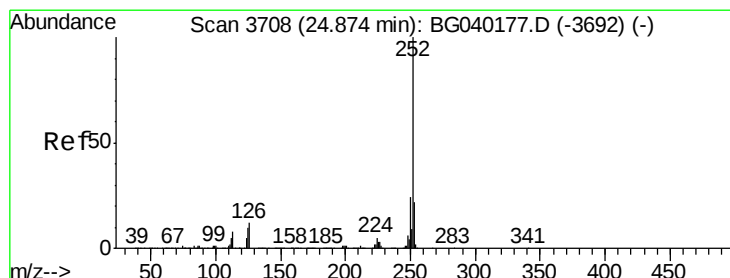
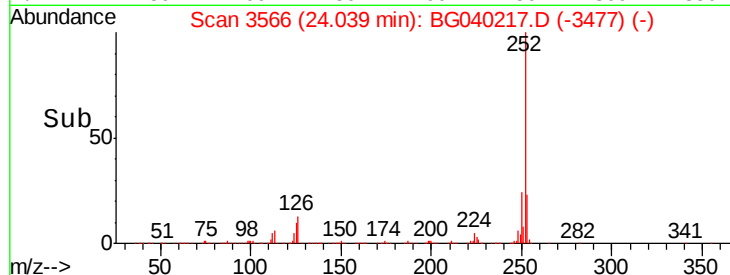
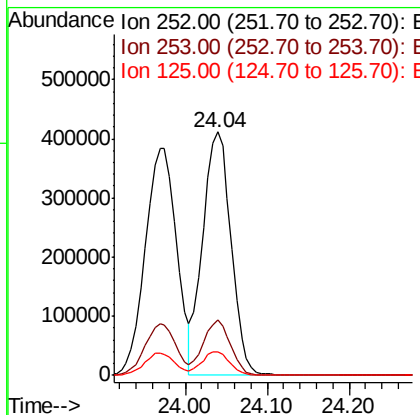
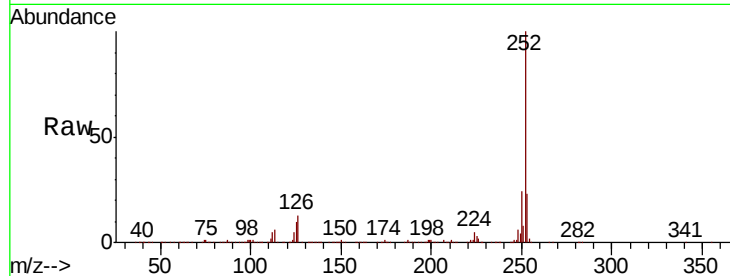




#89
Benzo(k)fluoranthene
Concen: 46.877 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

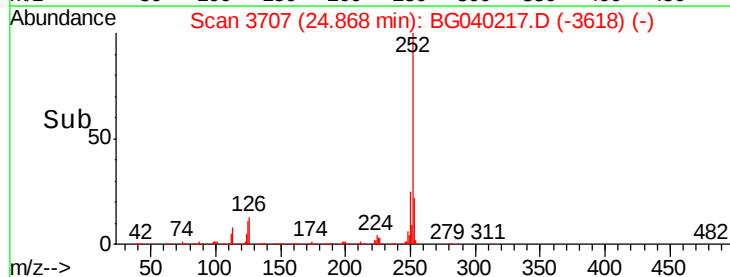
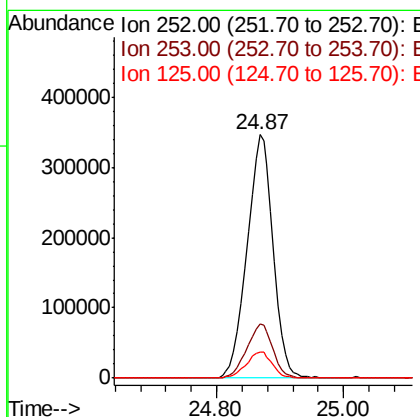
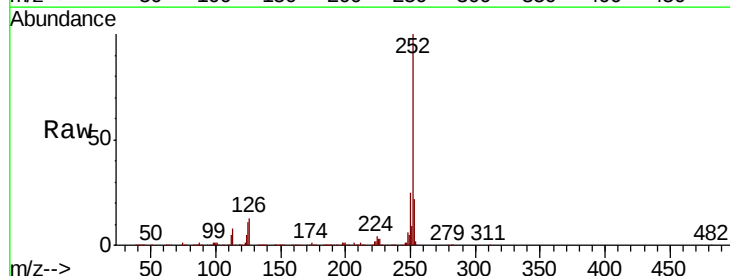
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

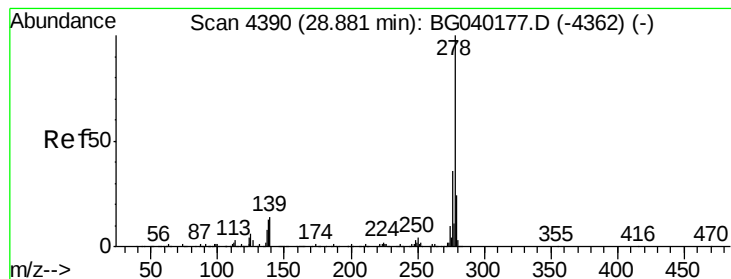
Tgt Ion:252 Resp: 989221
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 9.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 46.174 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG040217.D
Acq: 29 Mar 2019 3:03

Tgt Ion:252 Resp: 994146
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 47.053 ng

RT: 28.87 min Scan# 4389

Delta R.T. -0.01 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

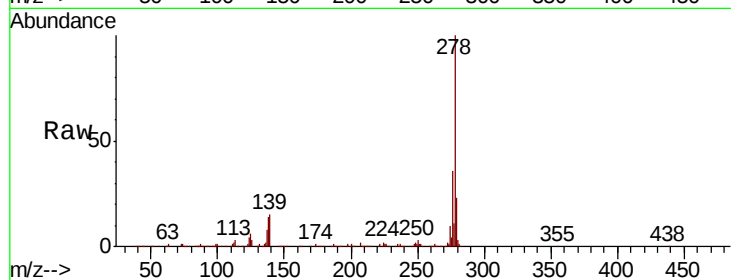
Tgt Ion:278 Resp: 940883

Ion Ratio Lower Upper

278 100

139 14.6 11.2 16.8

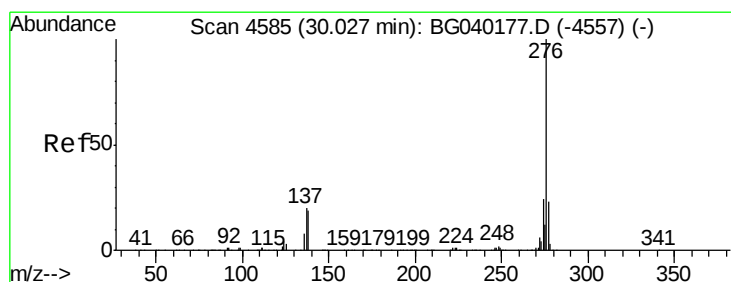
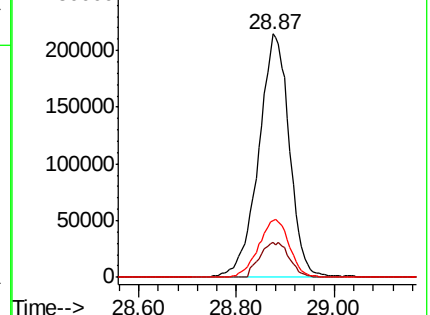
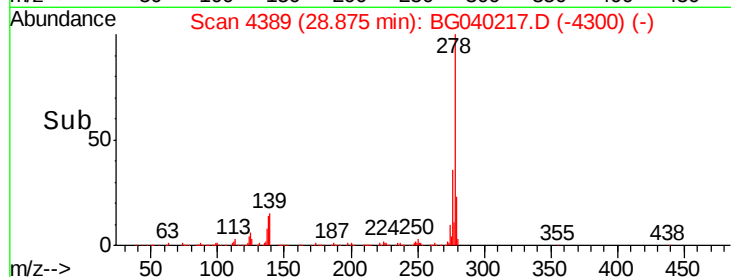
279 23.1 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.910 ng

RT: 30.00 min Scan# 4581

Delta R.T. -0.02 min

Lab File: BG040217.D

Acq: 29 Mar 2019 3:03

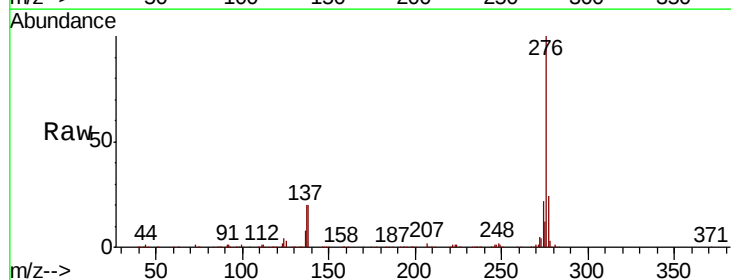
Tgt Ion:276 Resp: 964011

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 19.9 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

