

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
 Data File : BG041460.D
 Acq On : 26 Jun 2019 1:22
 Operator : HP/JU
 Sample : K3482-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Jun 26 04:23:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	27757	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	103143	20.00	ng	-0.05
39) Acenaphthene-d10	14.68	164	72024	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	193338	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	212752	20.00	ng	-0.04
87) Perylene-d12	24.99	264	227975	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	204953	135.67	ng	-0.04
7) Phenol-d6	7.20	99	263394	120.29	ng	-0.03
23) Nitrobenzene-d5	9.22	82	226835	92.49	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	174926	158.20	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	525760	99.22	ng	-0.04
79) Terphenyl-d14	20.03	244	1079389	100.55	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	24578	32.446	ng	# 27
3) Pyridine	3.85	79	49387	24.576	ng	93
4) n-Nitrosodimethylamine	3.76	42	38327	35.764	ng	90
6) Aniline	7.37	93	41351	13.586	ng	99
8) 2-Chlorophenol	7.60	128	79579	44.832	ng	98
9) Benzaldehyde	7.18	77	55595	39.695	ng	93
10) Phenol	7.23	94	88368	37.528	ng	93
11) bis(2-Chloroethyl)ether	7.46	93	74075	41.460	ng	99
12) 1,3-Dichlorobenzene	7.92	146	89505	40.272	ng	97
13) 1,4-Dichlorobenzene	8.08	146	94217	41.500	ng	97
14) 1,2-Dichlorobenzene	8.39	146	85767	39.553	ng	93
15) Benzyl Alcohol	8.29	79	73996	35.270	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	100385	34.322	ng	95
17) 2-Methylphenol	8.49	107	68153	40.484	ng	96
18) Hexachloroethane	9.12	117	35019	38.925	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	68680	38.780	ng	99
20) 3+4-Methylphenols	8.82	107	95091	42.431	ng	92
22) Acetophenone	8.88	105	136397	45.443	ng	97
24) Nitrobenzene	9.26	77	108612	44.034	ng	97
25) Isophorone	9.77	82	193259	42.952	ng	98
26) 2-Nitrophenol	9.97	139	46391	46.392	ng	93
27) 2,4-Dimethylphenol	10.02	122	72746	48.532	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	101060	43.107	ng	98
29) 2,4-Dichlorophenol	10.52	162	90633	48.765	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	104747	44.006	ng	96
31) Naphthalene	10.91	128	254971	45.484	ng	99
32) Benzoic acid	10.02	122	72746	74.553	ng	# 11
33) 4-Chloroaniline	11.04	127	9201	3.865	ng	94
34) Hexachlorobutadiene	11.17	225	80448	42.578	ng	96
35) Caprolactam	11.82	113	9644	15.073	ng	# 88
36) 4-Chloro-3-methylphenol	12.15	107	97517	45.425	ng	99
37) 2-Methylnaphthalene	12.51	142	186219	45.104	ng	100
38) 1-Methylnaphthalene	12.74	142	176351	44.644	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	140282	47.168	ng	97

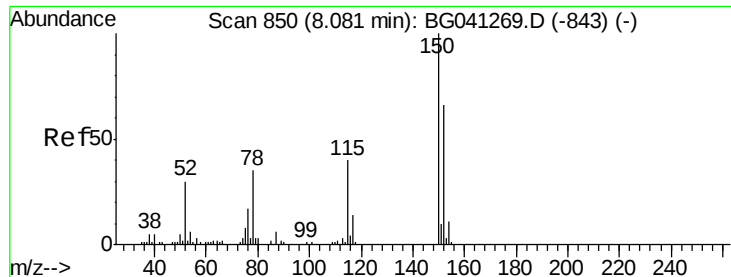
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
 Data File : BG041460.D
 Acq On : 26 Jun 2019 1:22
 Operator : HP/JU
 Sample : K3482-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Quant Time: Jun 26 04:23:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	164028	81.878	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	85513	46.479	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	89867	47.472	ng	99
46) 1,1'-Biphenyl	13.52	154	258240	47.427	ng	97
47) 2-Chloronaphthalene	13.56	162	210309	44.863	ng	98
48) 2-Nitroaniline	13.78	65	73107	42.582	ng	91
49) Acenaphthylene	14.41	152	336582	47.316	ng	99
50) Dimethylphthalate	14.13	163	295918	46.177	ng	100
51) 2,6-Dinitrotoluene	14.27	165	62905	46.553	ng	94
52) Acenaphthene	14.75	154	194516	46.567	ng	99
53) 3-Nitroaniline	14.61	138	17576	13.202	ng	95
54) 2,4-Dinitrophenol	14.82	184	14944	19.295	ng	94
55) Dibenzofuran	15.08	168	348258	47.951	ng	99
56) 4-Nitrophenol	14.92	139	77704	76.958	ng	93
57) 2,4-Dinitrotoluene	15.06	165	92729	46.946	ng	96
58) Fluorene	15.73	166	276097	48.326	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	98021	50.072	ng	99
60) Diethylphthalate	15.49	149	299916	46.044	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	172903	46.515	ng	97
62) 4-Nitroaniline	15.77	138	54549	38.311	ng	98
63) Azobenzene	16.01	77	260569	44.841	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	22030	17.555	ng	92
66) n-Nitrosodiphenylamine	15.93	169	250202	48.738	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	117549	47.021	ng	95
68) Hexachlorobenzene	16.73	284	122126	45.620	ng	97
69) Atrazine	16.87	200	109147	Below Cal		97
70) Pentachlorophenol	17.08	266	95700	69.814	ng	97
71) Phenanthrene	17.47	178	491835	47.698	ng	99
72) Anthracene	17.56	178	505373	49.714	ng	99
73) Carbazole	17.84	167	438728	49.336	ng	98
74) Di-n-butylphthalate	18.36	149	520372	46.897	ng	99
75) Fluoranthene	19.48	202	675499	49.311	ng	99
77) Benzidine	19.67	184	60294	11.717	ng	95
78) Pyrene	19.84	202	690859	48.150	ng	100
80) Butylbenzylphthalate	20.70	149	243487	44.865	ng	97
81) Benzo(a)anthracene	21.68	228	673518	46.755	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	77995	15.424	ng	99
83) Chrysene	21.75	228	655788	47.338	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	340643	46.057	ng	100
85) Di-n-octyl phthalate	22.77	149	589955	47.147	ng	97
86) Indeno(1,2,3-cd)pyrene	28.76	276	782453	47.606	ng	# 97
88) Benzo(b)fluoranthene	23.93	252	676016	47.848	ng	98
89) Benzo(k)fluoranthene	24.01	252	660859	47.217	ng	98
90) Benzo(a)pyrene	24.83	252	662500	49.651	ng	# 98
91) Dibenzo(a,h)anthracene	28.82	278	647795	48.223	ng	# 97
92) Benzo(g,h,i)perylene	29.96	276	641077	48.291	ng	# 94

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

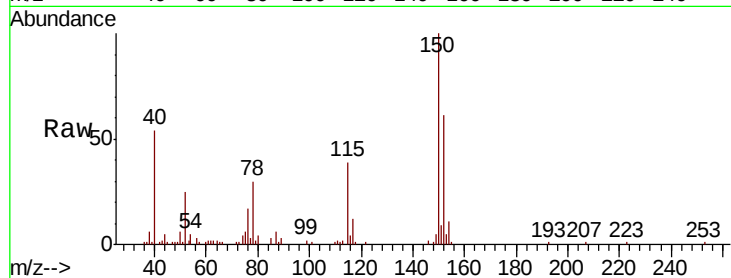


#1

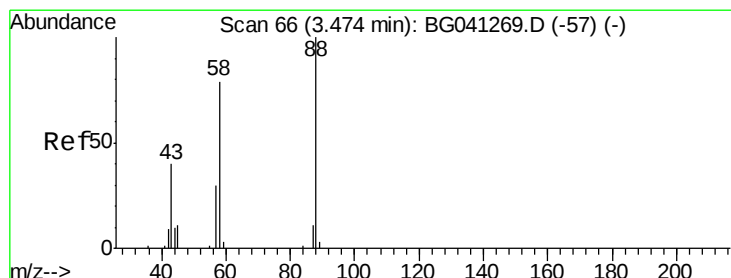
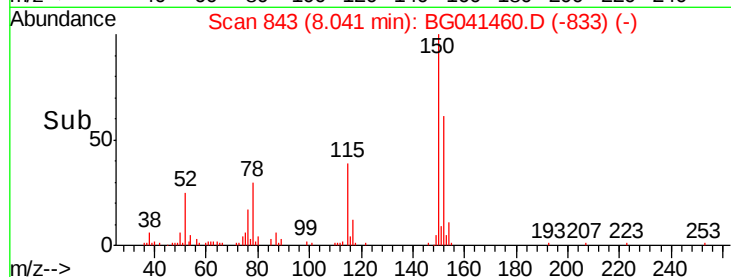
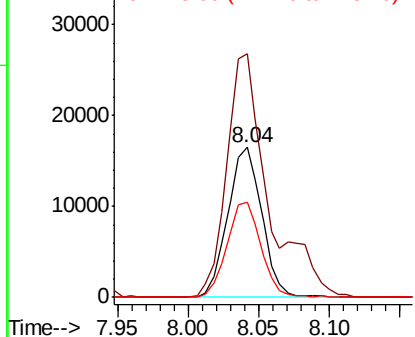
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:152 Resp: 27757
Ion Ratio Lower Upper
152 100
150 162.7 120.6 181.0
115 63.5 47.9 71.9



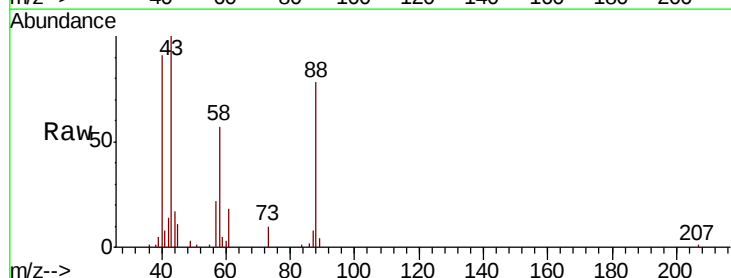
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



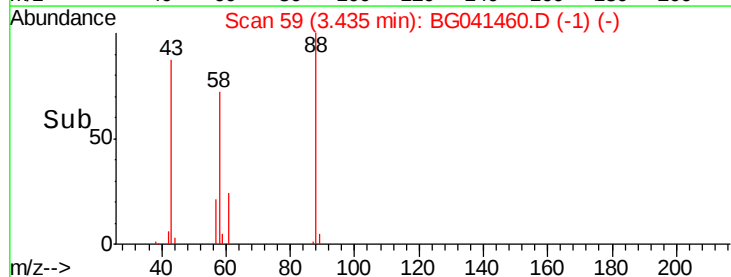
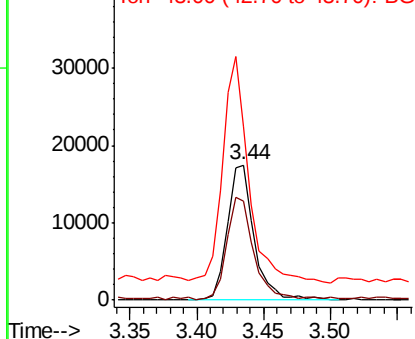
#2

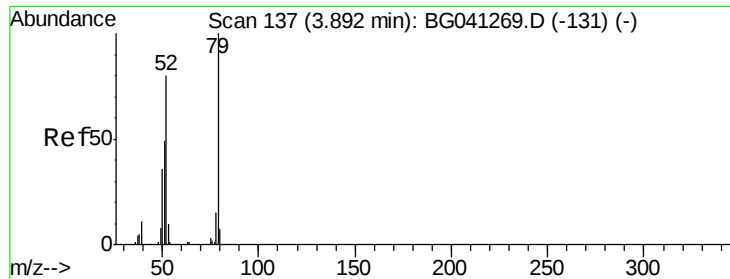
1,4-Dioxane
Concen: 32.446 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.04 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion: 88 Resp: 24578
Ion Ratio Lower Upper
88 100
58 79.0 59.7 89.5
43 163.9 31.9 47.9#



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: 24.576 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

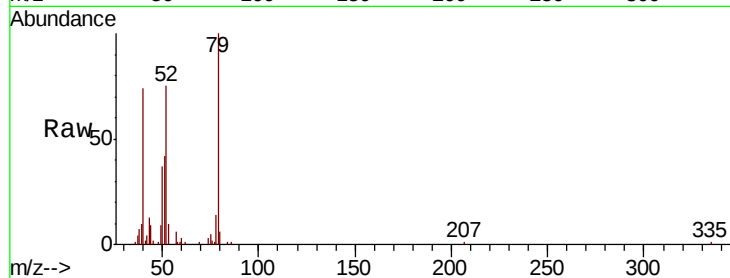
Tgt Ion: 79 Resp: 49387

Ion Ratio Lower Upper

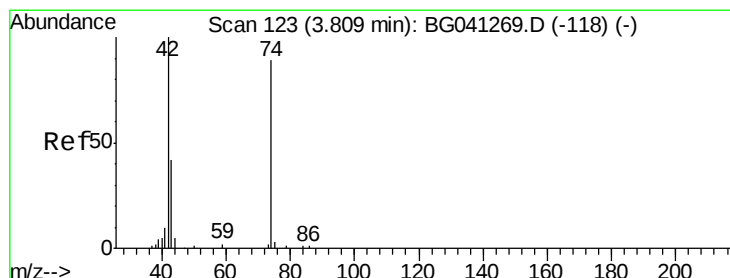
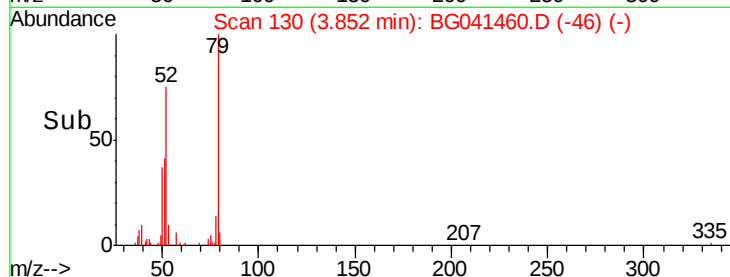
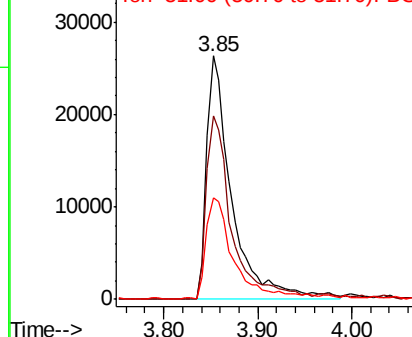
79 100

52 75.4 63.6 95.4

51 41.6 39.8 59.6



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: 35.764 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.05 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

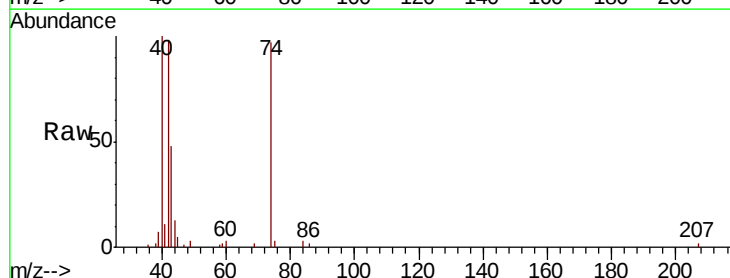
Tgt Ion: 42 Resp: 38327

Ion Ratio Lower Upper

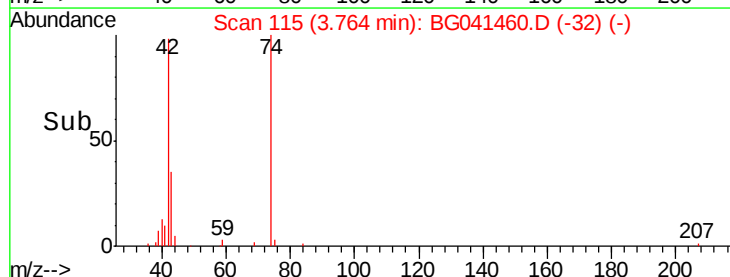
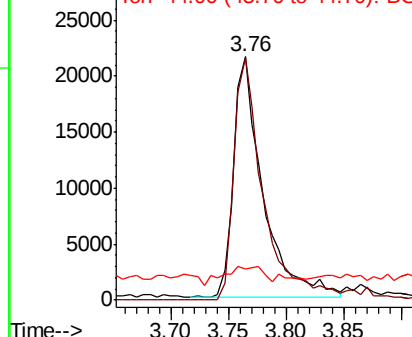
42 100

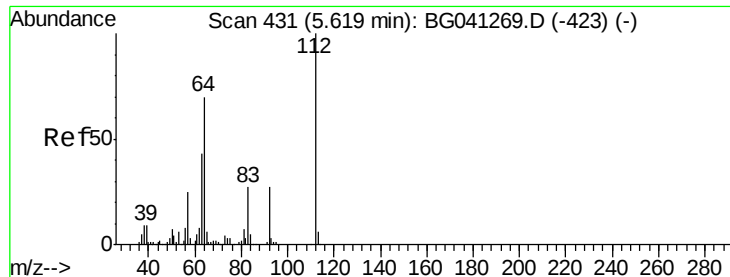
74 99.5 71.6 107.4

44 13.0 9.0 13.4



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: 135.672 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

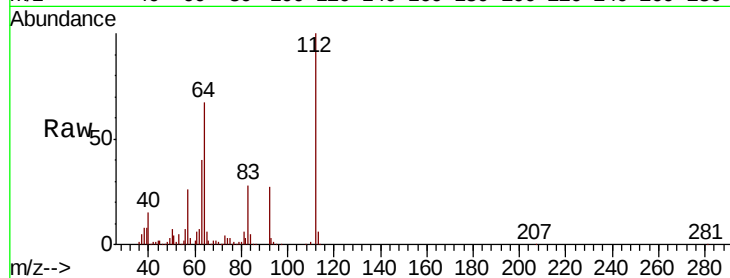
Tgt Ion: 112 Resp: 204953

Ion Ratio Lower Upper

112 100

64 66.6 55.9 83.9

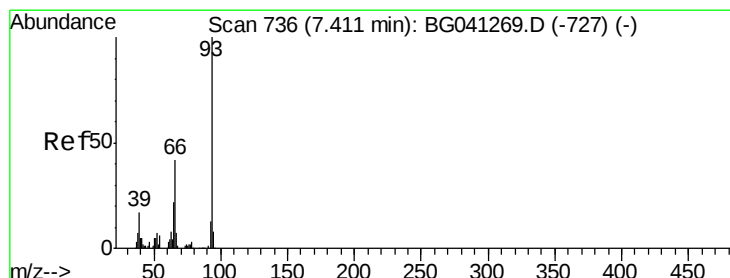
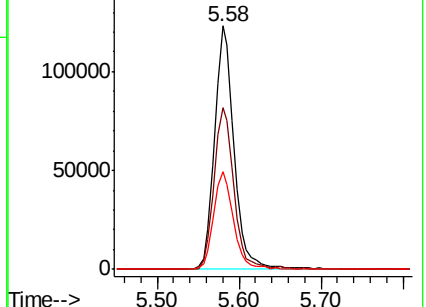
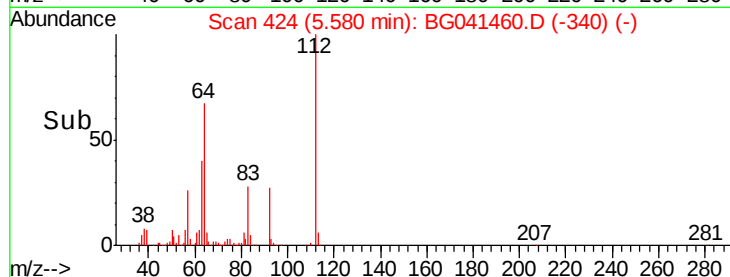
63 40.1 34.6 51.8



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: 13.586 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.05 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

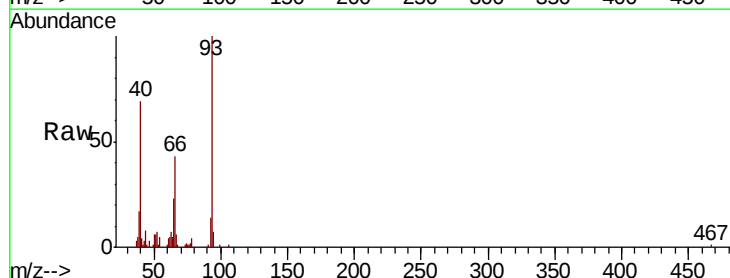
Tgt Ion: 93 Resp: 41351

Ion Ratio Lower Upper

93 100

66 43.2 34.2 51.2

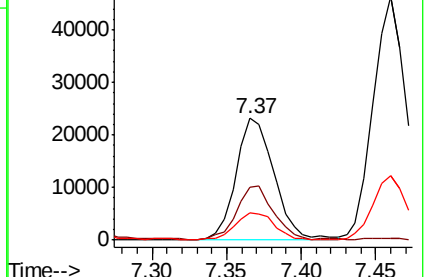
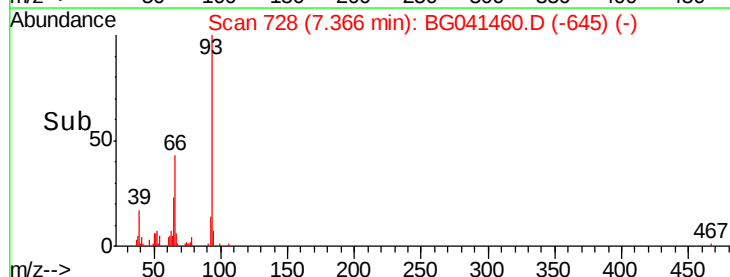
65 22.7 17.7 26.5

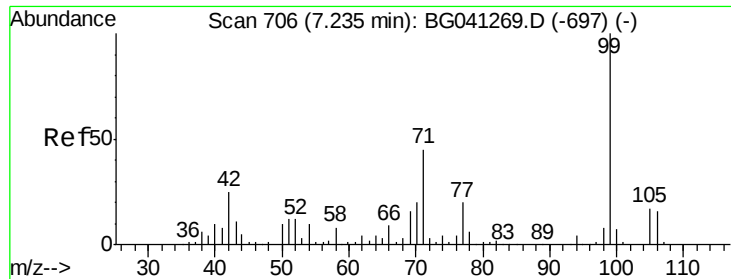


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.287 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

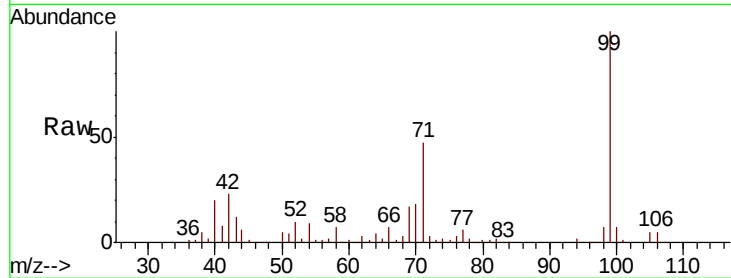
Tgt Ion: 99 Resp: 263394

Ion Ratio Lower Upper

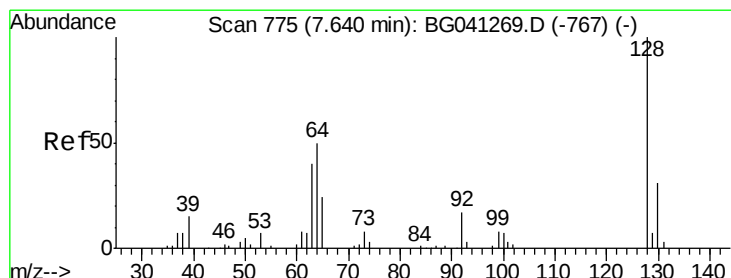
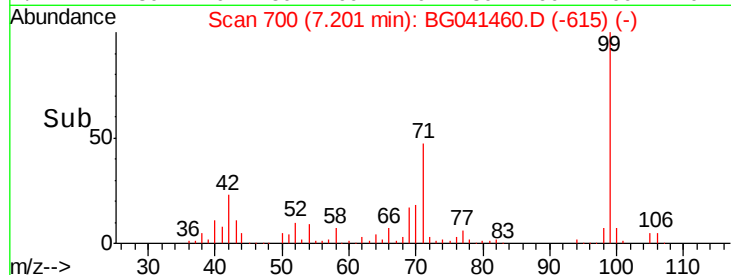
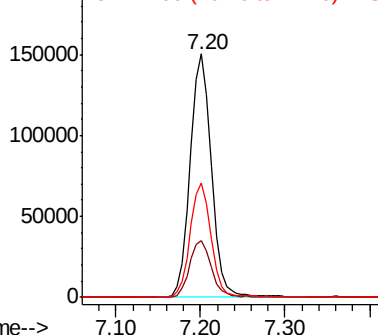
99 100

42 23.1 19.9 29.9

71 46.9 36.4 54.6



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



#8

2-Chlorophenol

Concen: 44.832 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

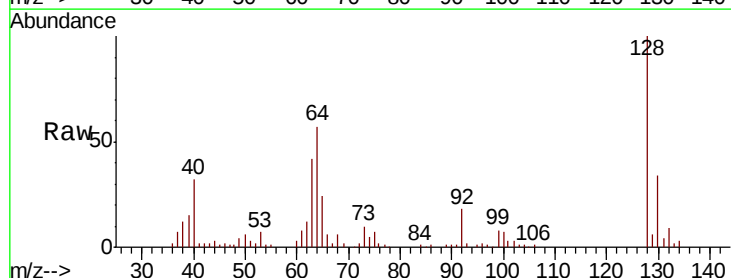
Tgt Ion: 128 Resp: 79579

Ion Ratio Lower Upper

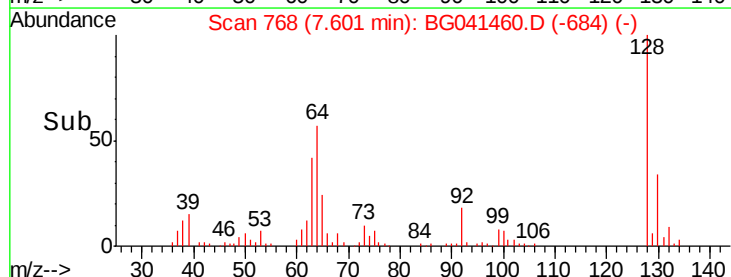
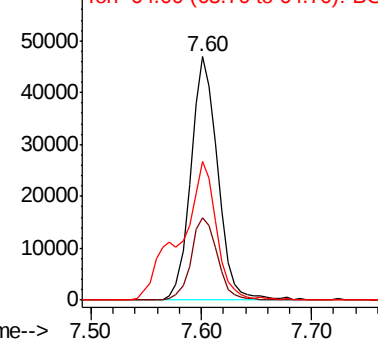
128 100

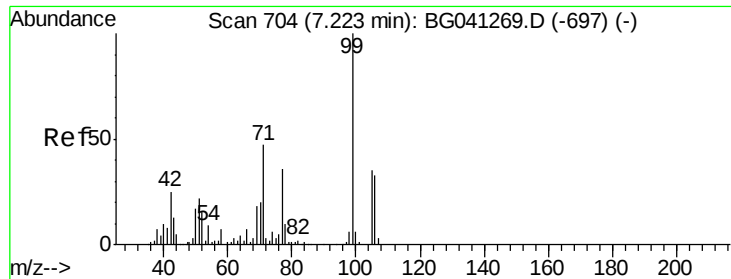
130 33.6 11.1 51.1

64 57.2 36.6 76.6



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: 39.695 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

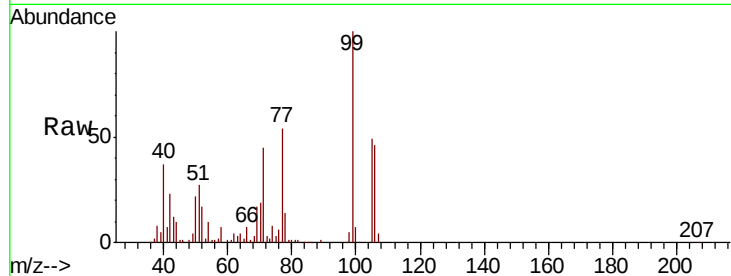
Tgt Ion: 77 Resp: 55595

Ion Ratio Lower Upper

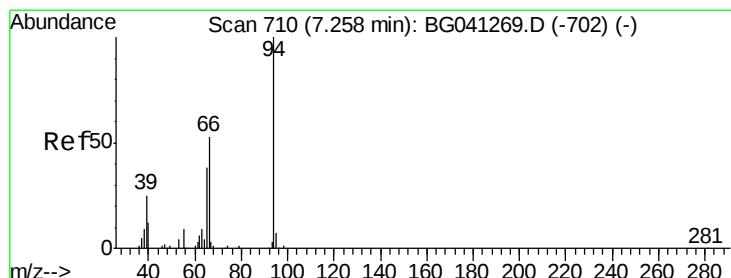
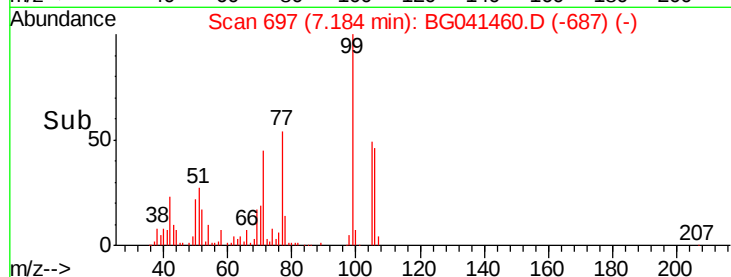
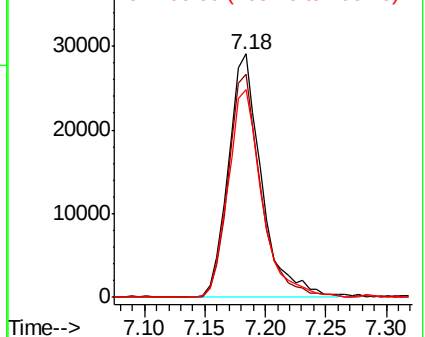
77 100

105 91.4 78.7 118.7

106 85.4 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.528 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

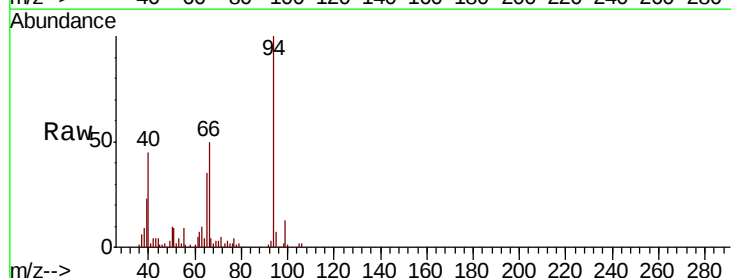
Tgt Ion: 94 Resp: 88368

Ion Ratio Lower Upper

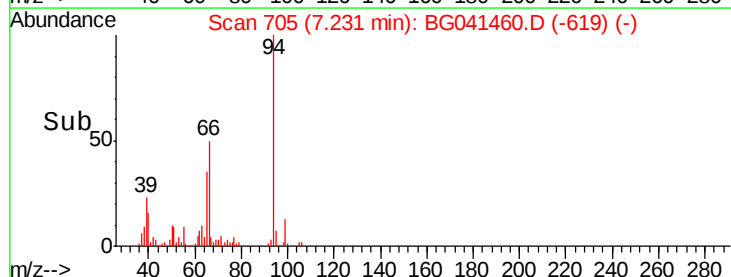
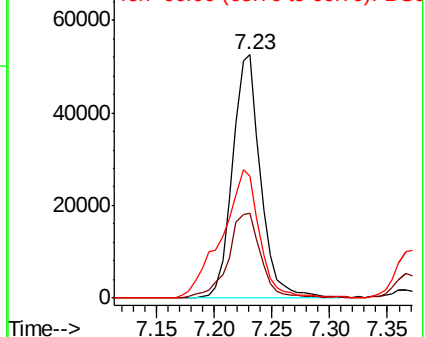
94 100

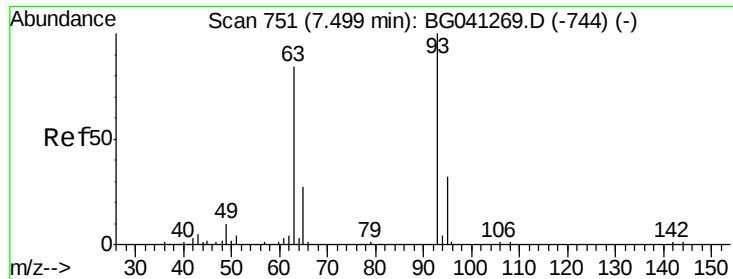
65 34.9 18.7 58.7

66 49.9 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.460 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampled :

TP-1MSD

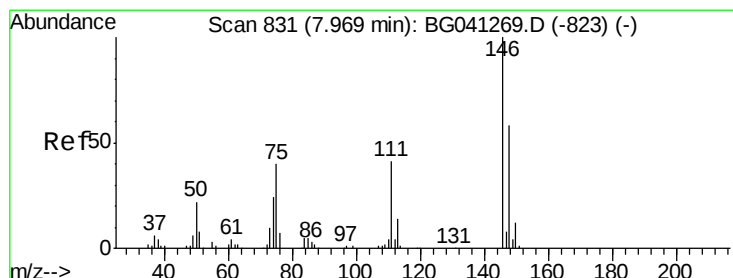
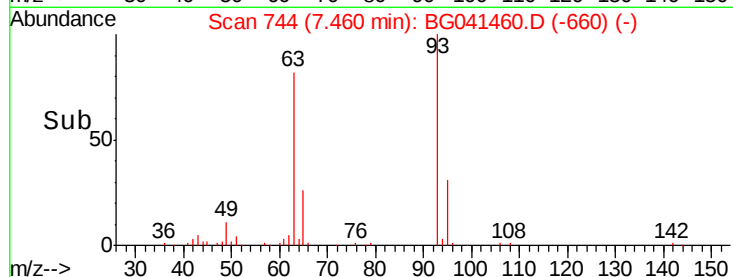
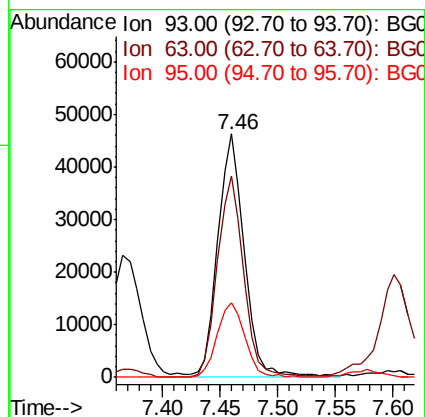
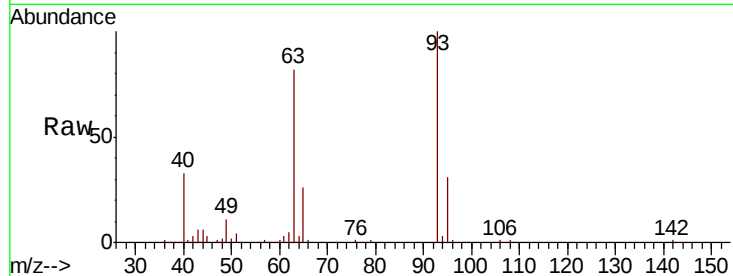
Tgt Ion: 93 Resp: 74075

Ion Ratio Lower Upper

93 100

63 82.5 63.6 103.6

95 30.8 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 40.272 ng

RT: 7.92 min Scan# 823

Delta R.T. -0.05 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

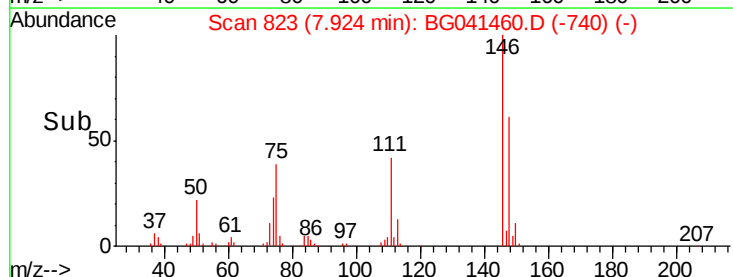
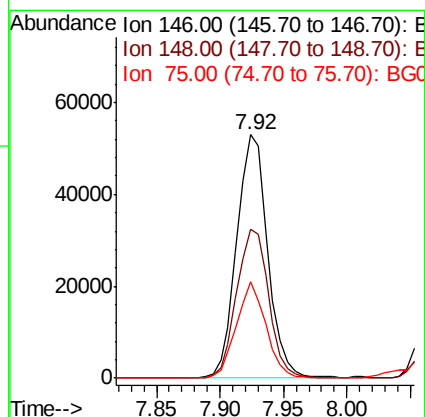
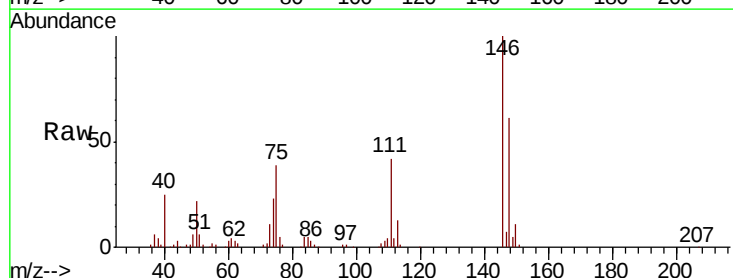
Tgt Ion: 146 Resp: 89505

Ion Ratio Lower Upper

146 100

148 61.0 46.5 69.7

75 39.3 32.2 48.4

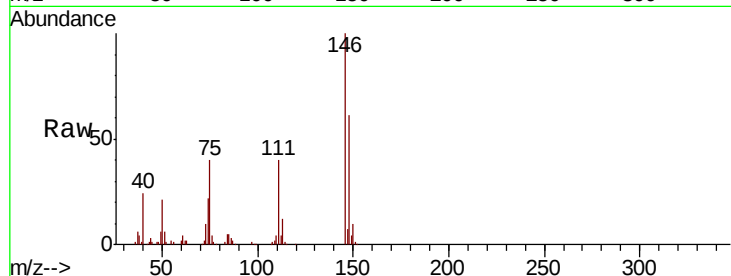




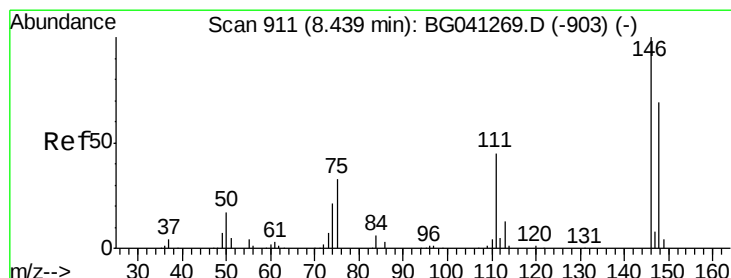
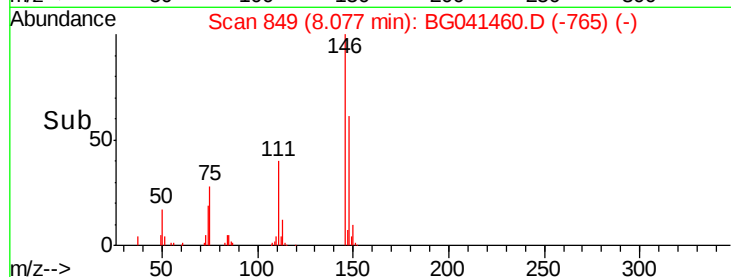
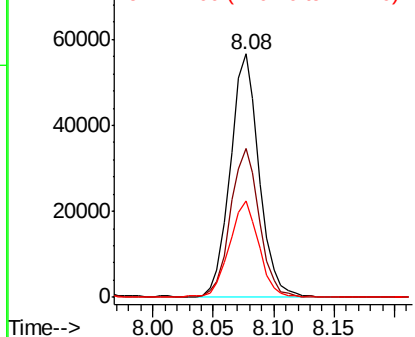
#13
 1,4-Dichlorobenzene
 Concen: 41.500 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.04 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tgt Ion:146 Resp: 94217
 Ion Ratio Lower Upper
 146 100
 148 61.4 47.3 70.9
 111 39.7 33.4 50.0

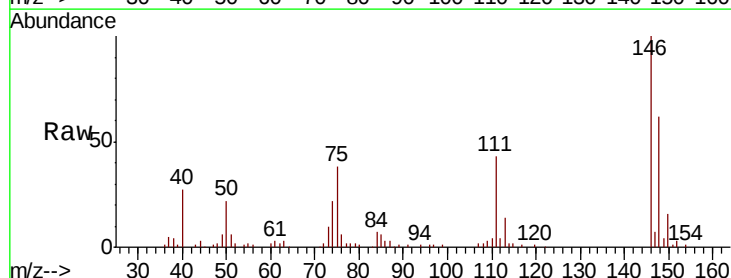


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

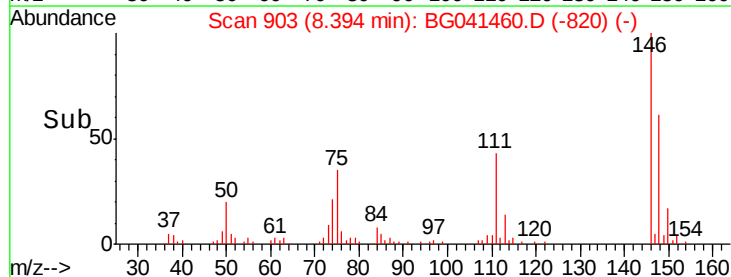
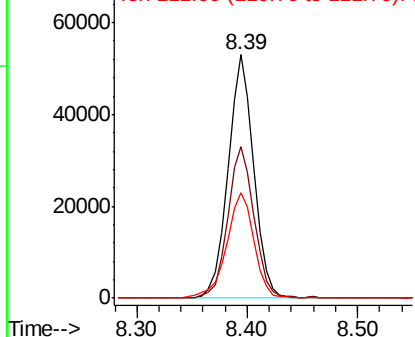


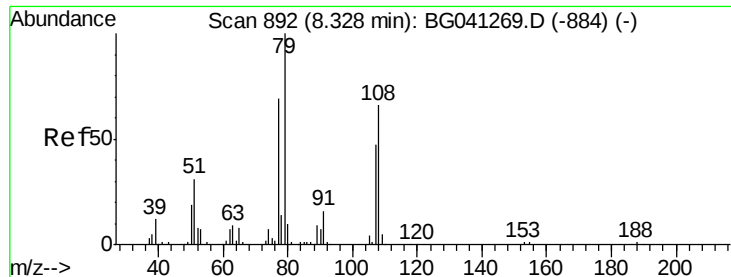
#14
 1,2-Dichlorobenzene
 Concen: 39.553 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.05 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Tgt Ion:146 Resp: 85767
 Ion Ratio Lower Upper
 146 100
 148 62.0 54.9 82.3
 111 43.3 37.0 55.6



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





#15

Benzyl Alcohol

Concen: 35.270 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

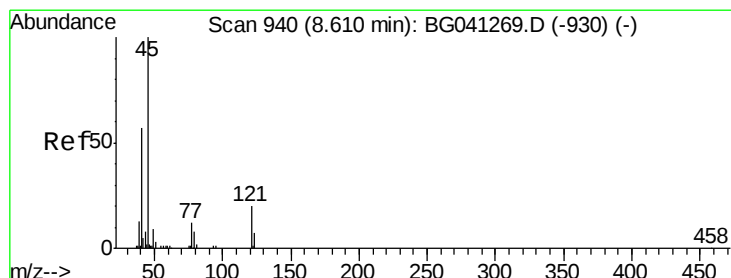
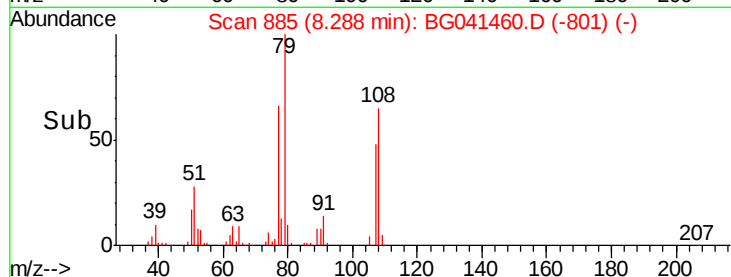
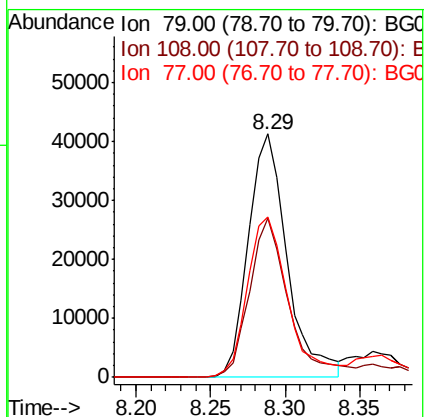
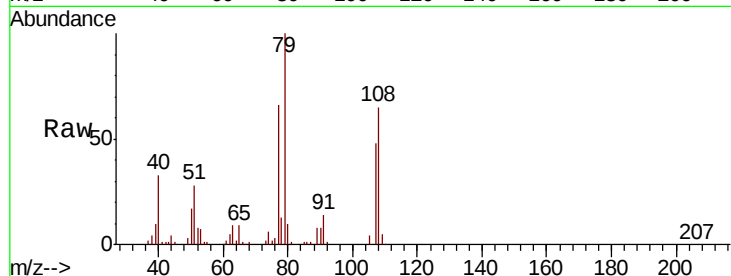
Tgt Ion: 79 Resp: 73996

Ion Ratio Lower Upper

79 100

108 65.1 52.7 79.1

77 65.9 55.2 82.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.322 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.05 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

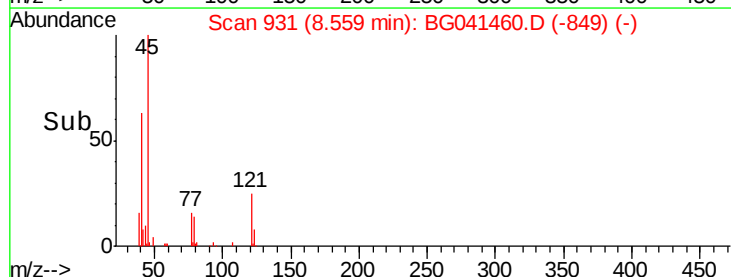
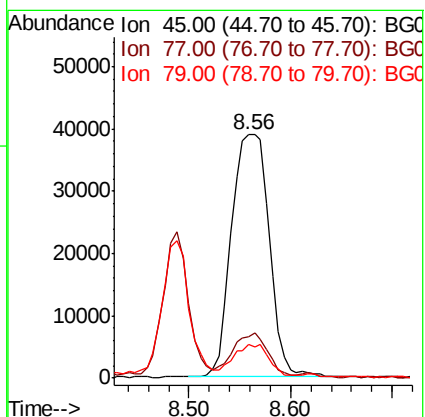
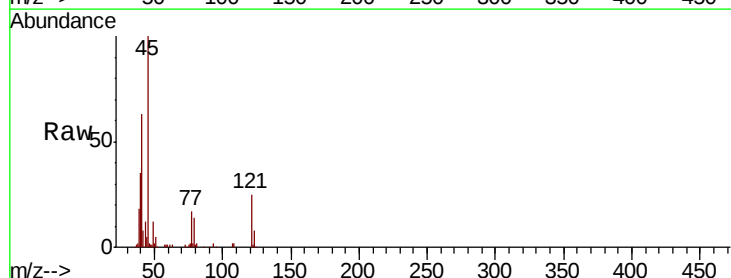
Tgt Ion: 45 Resp: 100385

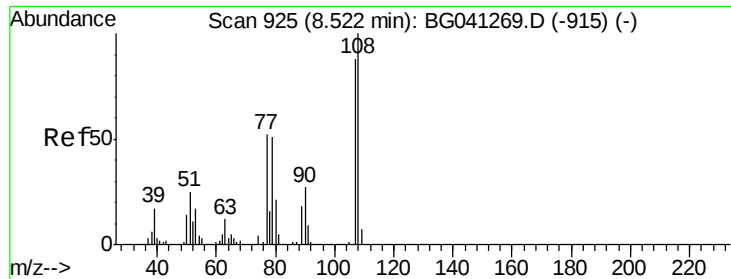
Ion Ratio Lower Upper

45 100

77 17.0 0.0 35.2

79 13.8 0.0 31.6

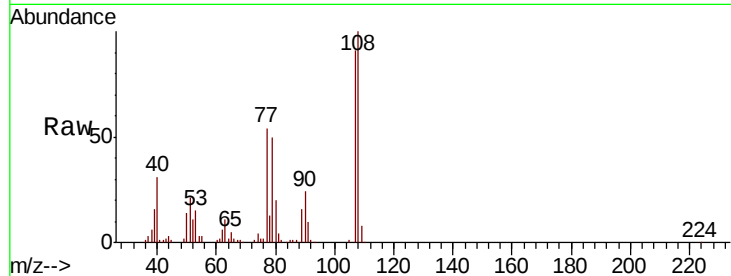




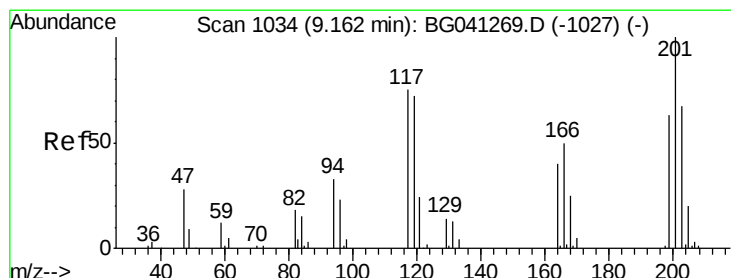
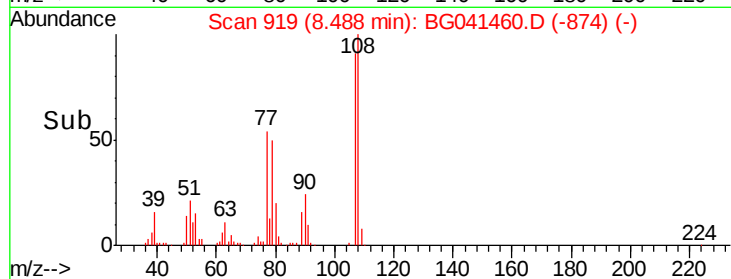
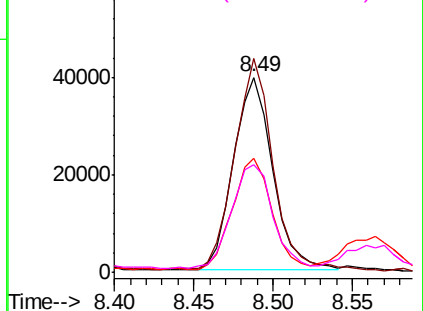
#17
2-Methylphenol
Concen: 40.484 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:107 Resp: 68153
Ion Ratio Lower Upper
107 100
108 109.5 91.7 137.5
77 58.7 47.8 71.8
79 54.9 46.8 70.2

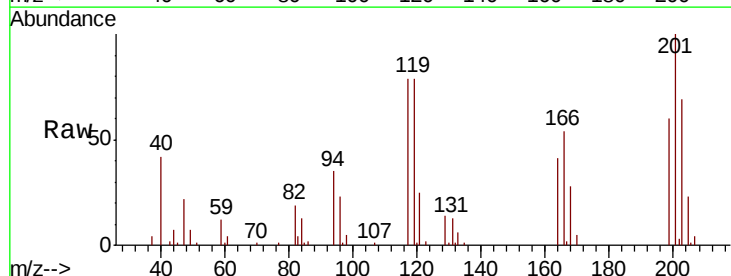


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

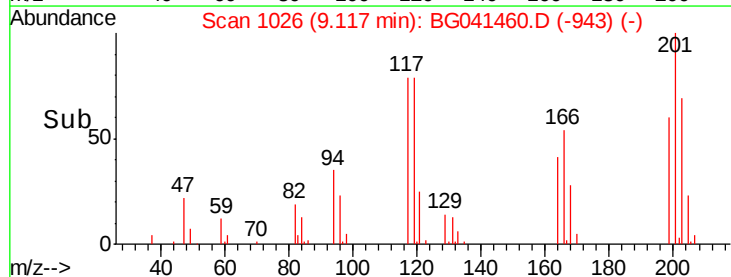
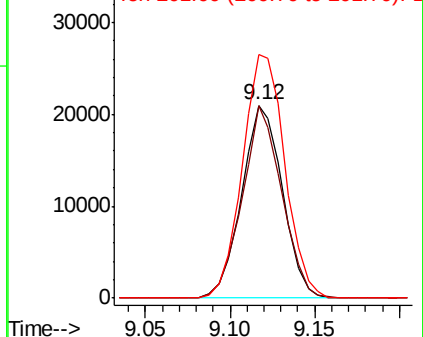


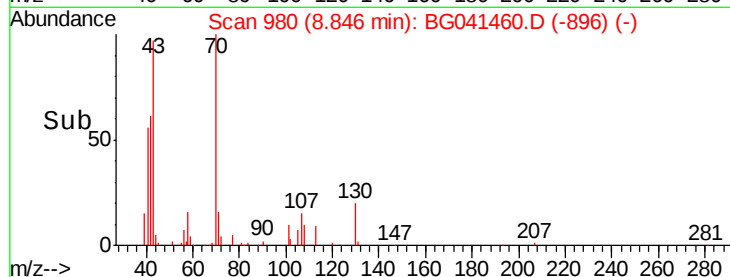
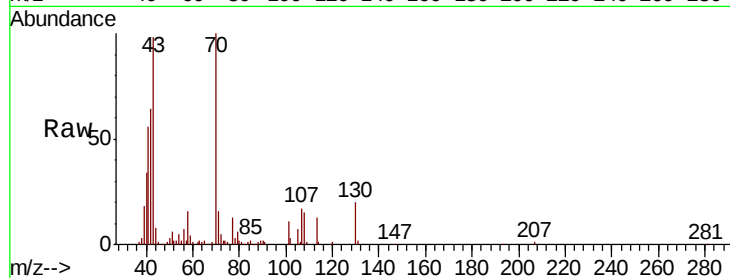
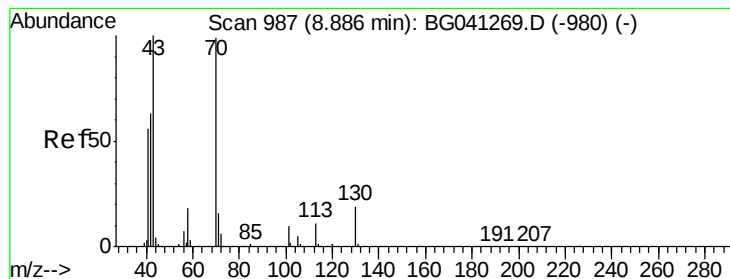
#18
Hexachloroethane
Concen: 38.925 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion:117 Resp: 35019
Ion Ratio Lower Upper
117 100
119 99.9 76.8 115.2
201 126.3 106.3 159.5



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: 38.780 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion: 70 Resp: 68680

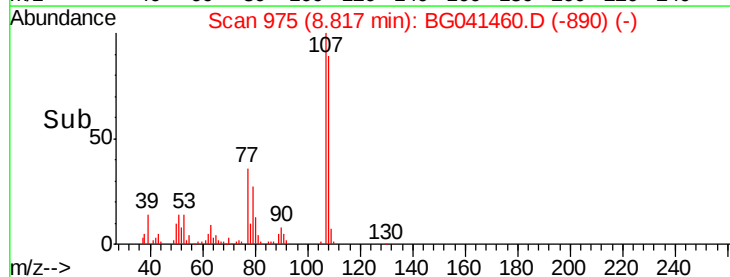
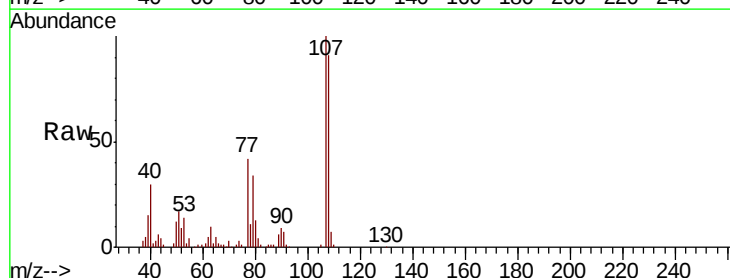
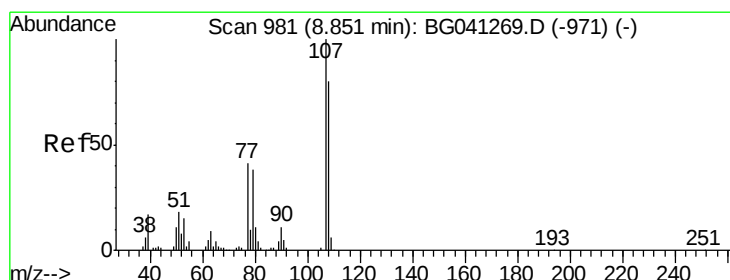
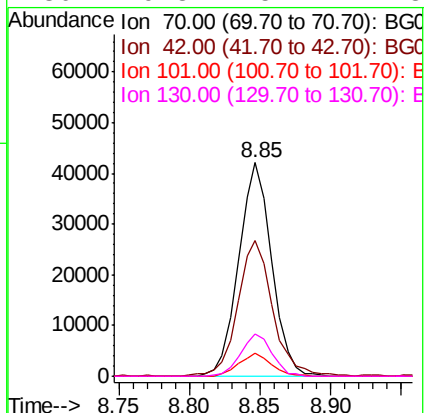
Ion Ratio Lower Upper

70 100

42 63.7 51.4 77.2

101 11.1 8.2 12.2

130 19.8 15.2 22.8



#20

3+4-Methylphenols

Concen: 42.431 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Tgt Ion: 107 Resp: 95091

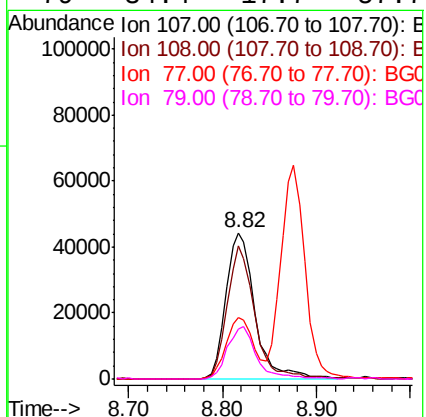
Ion Ratio Lower Upper

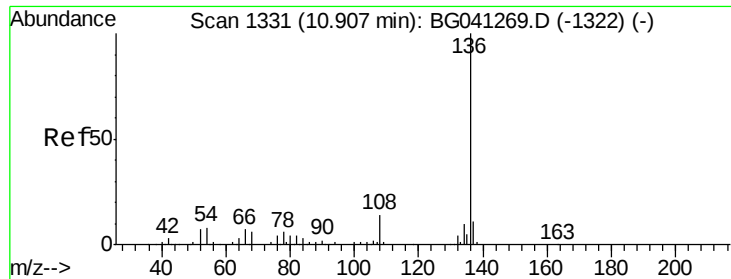
107 100

108 91.2 60.4 100.4

77 41.8 21.2 61.2

79 34.4 17.7 57.7

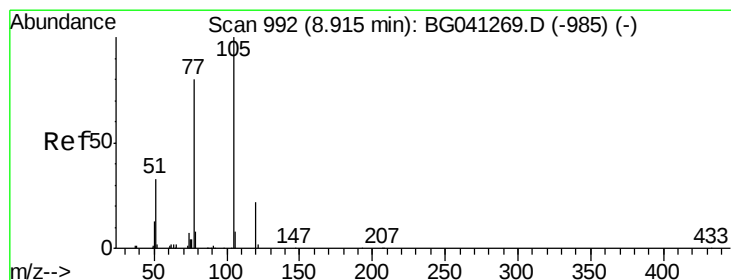
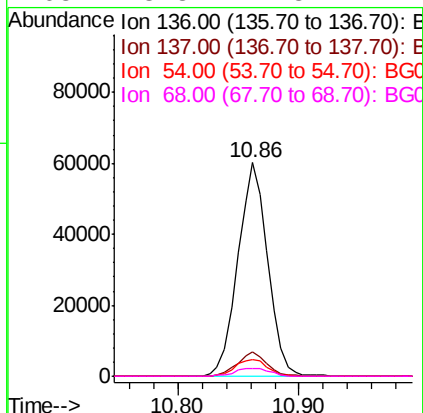
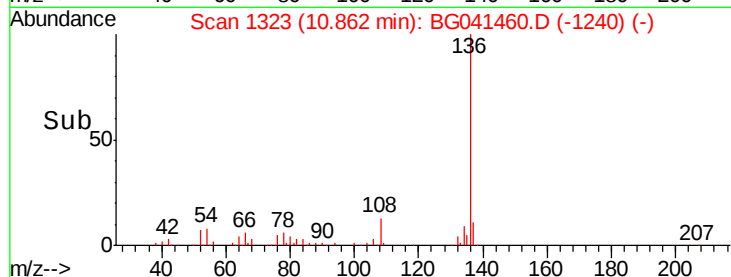
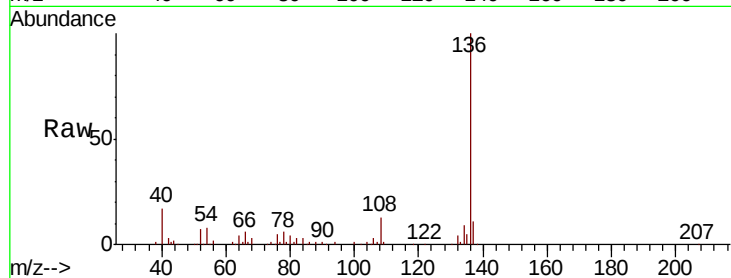




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.05 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

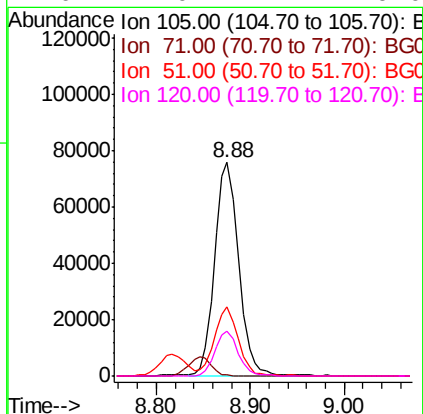
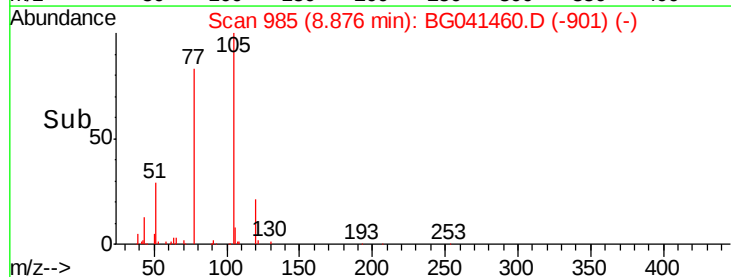
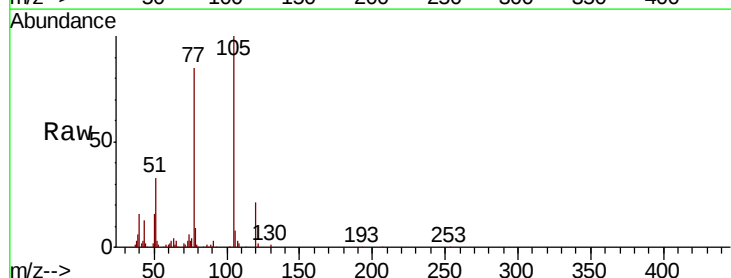
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

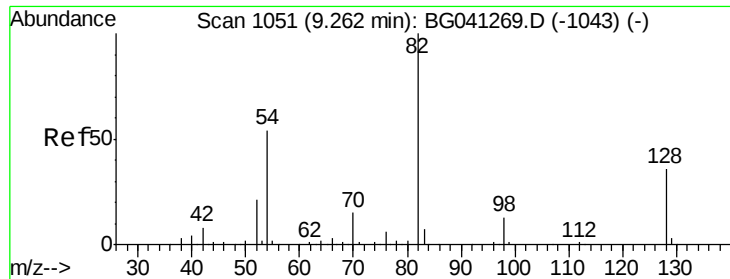
Tgt Ion:	136	Resp:	103143
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.7	6.4	9.6
68	3.3	4.8	7.2#



#22
Acetophenone
Concen: 45.443 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion:	105	Resp:	136397
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.4	0.6
51	32.5	28.2	42.4
120	21.0	17.4	26.0

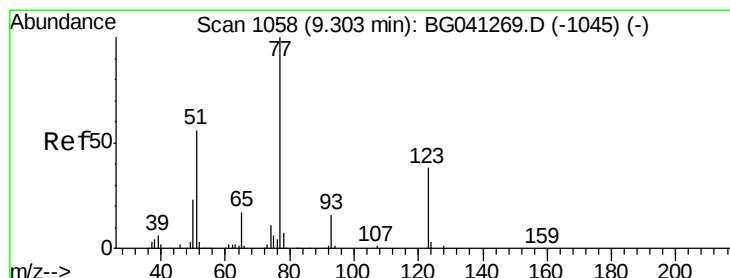
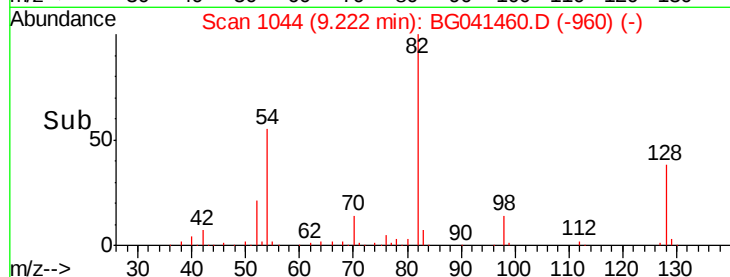
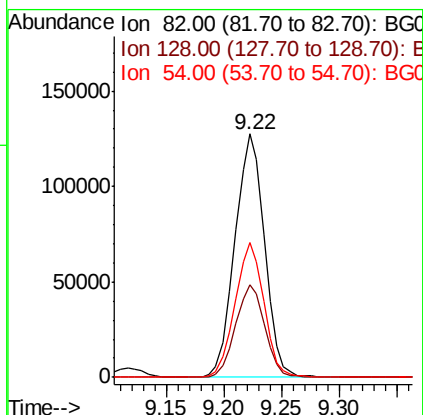
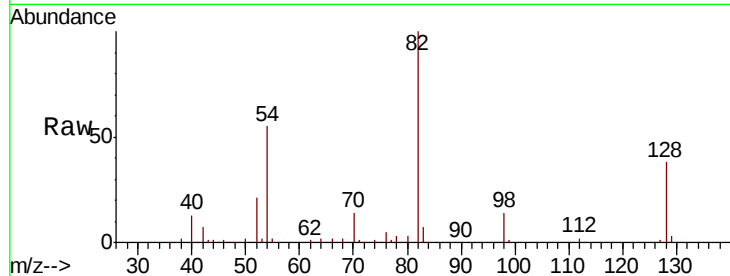




#23
 Nitrobenzene-d5
 Concen: 92.491 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.04 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

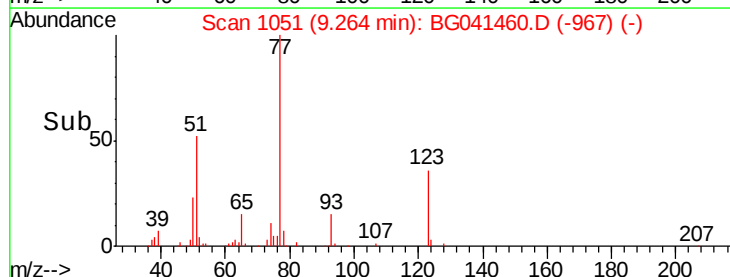
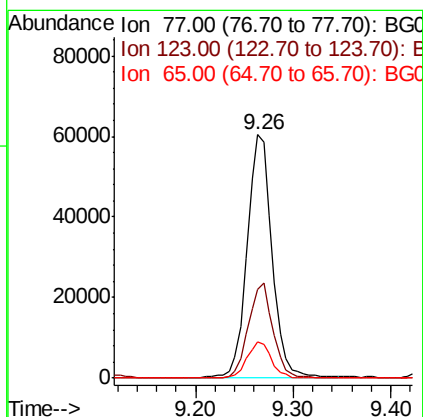
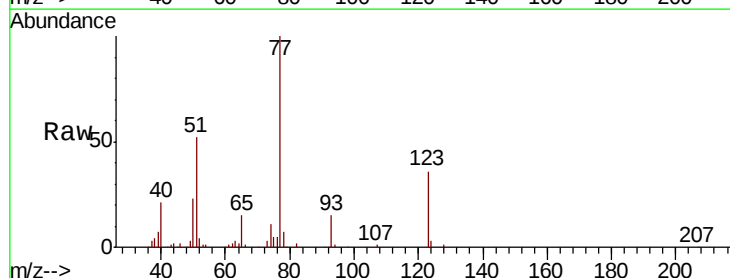
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

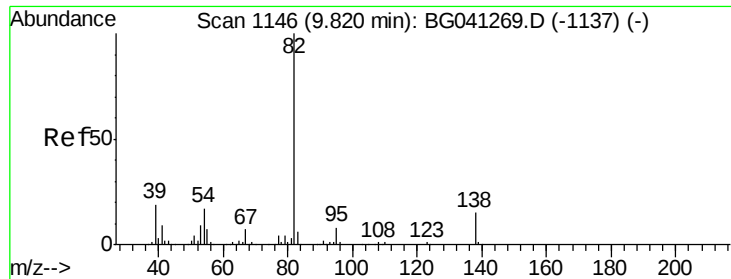
Tgt Ion: 82 Resp: 226835
 Ion Ratio Lower Upper
 82 100
 128 37.9 29.2 43.8
 54 55.3 43.4 65.0



#24
 Nitrobenzene
 Concen: 44.034 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.04 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Tgt Ion: 77 Resp: 108612
 Ion Ratio Lower Upper
 77 100
 123 36.4 30.4 45.6
 65 14.8 13.3 19.9





#25

Isophorone

Concen: 42.952 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.05 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

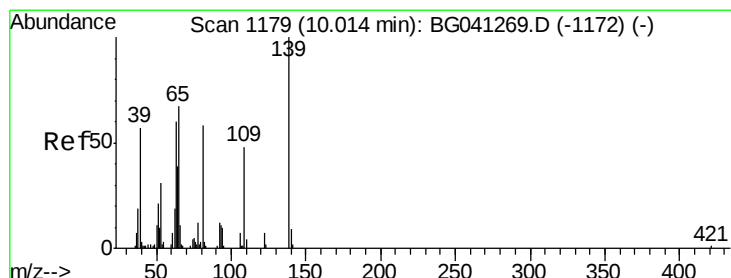
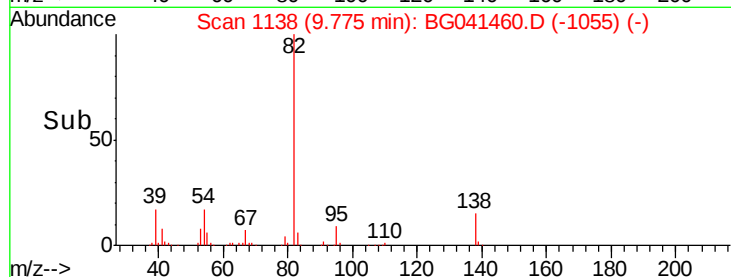
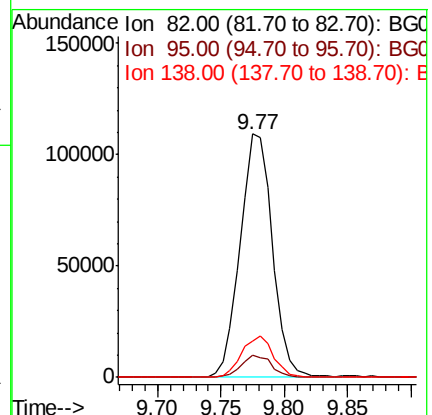
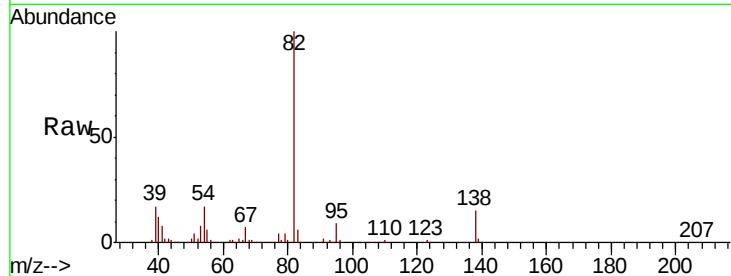
Tgt Ion: 82 Resp: 193259

Ion Ratio Lower Upper

82 100

95 9.4 6.6 10.0

138 15.1 12.3 18.5



#26

2-Nitrophenol

Concen: 46.392 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

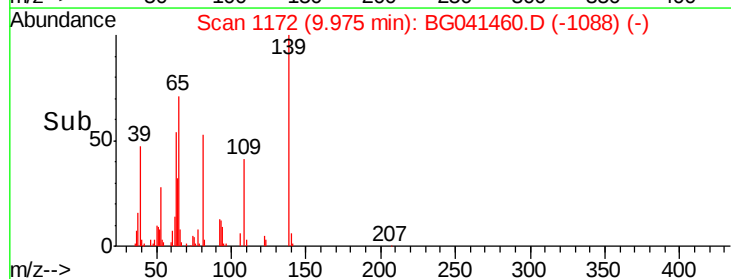
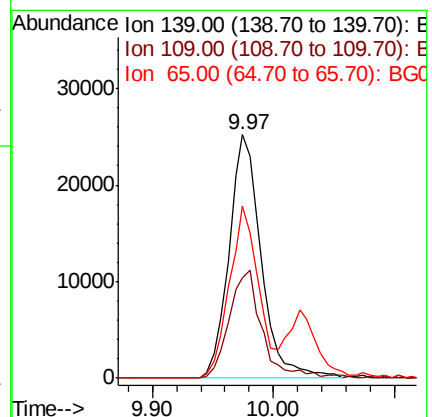
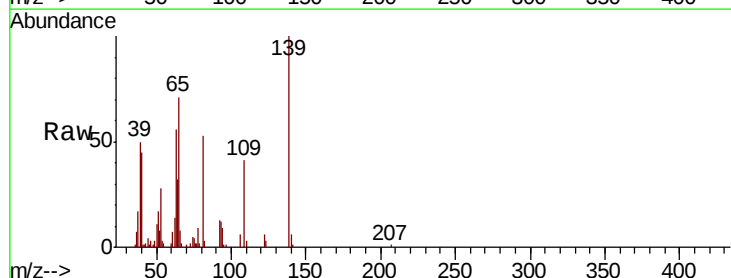
Tgt Ion: 139 Resp: 46391

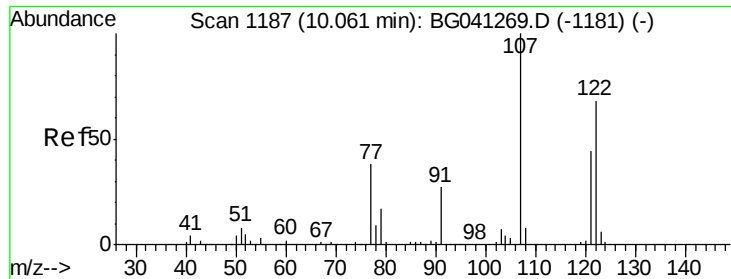
Ion Ratio Lower Upper

139 100

109 41.0 38.4 57.6

65 70.5 53.6 80.4

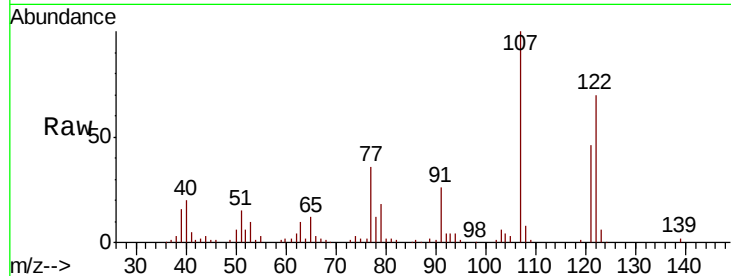




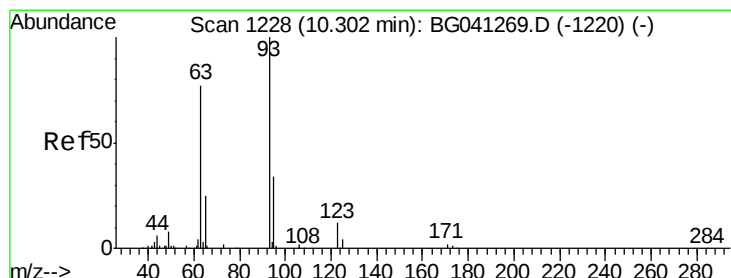
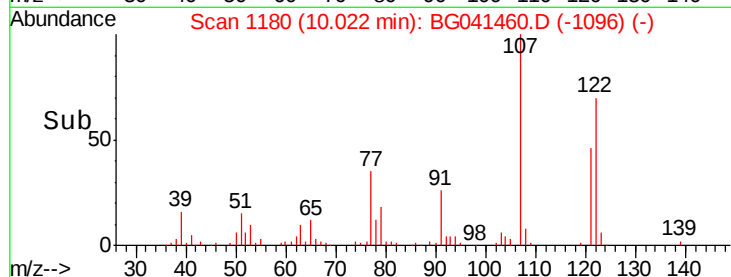
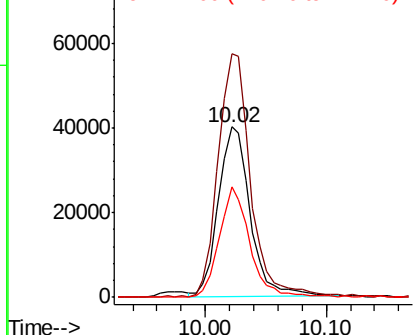
#27
 2,4-Dimethylphenol
 Concen: 48.532 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tgt Ion: 122 Resp: 72746
 Ion Ratio Lower Upper
 122 100
 107 143.1 115.1 172.7
 121 65.2 50.1 75.1

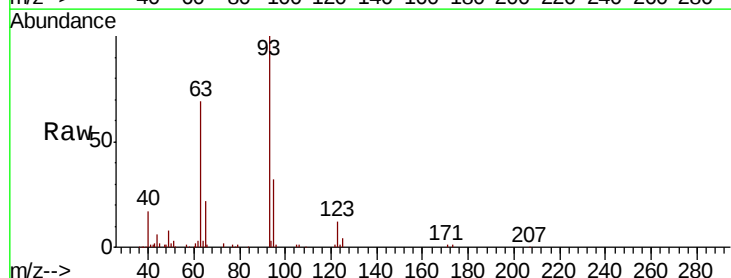


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

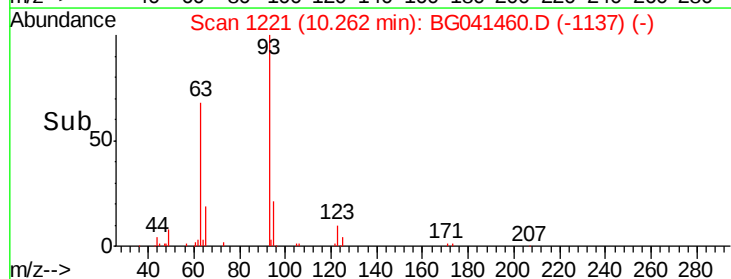
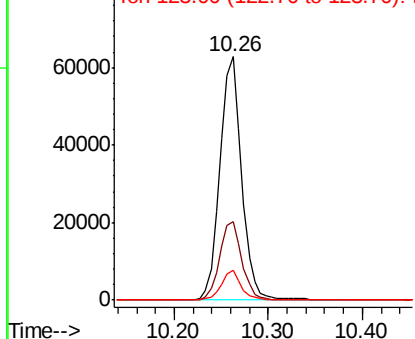


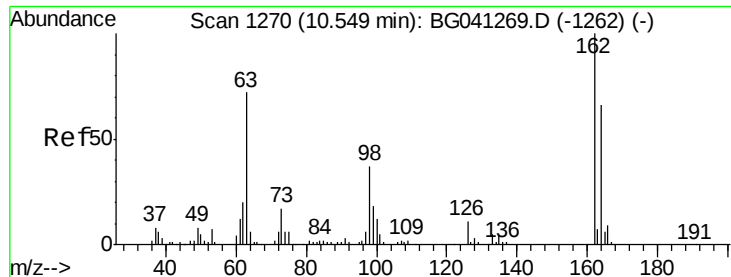
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.107 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.04 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Tgt Ion: 93 Resp: 101060
 Ion Ratio Lower Upper
 93 100
 95 32.4 27.3 40.9
 123 12.1 9.6 14.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

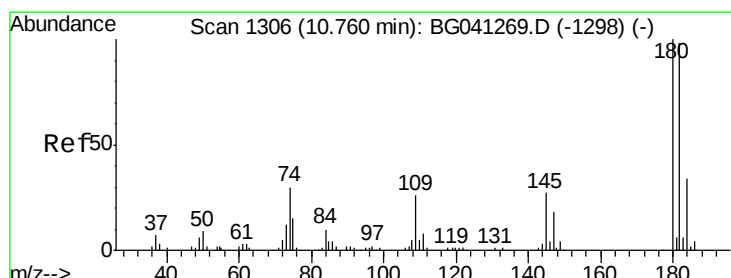
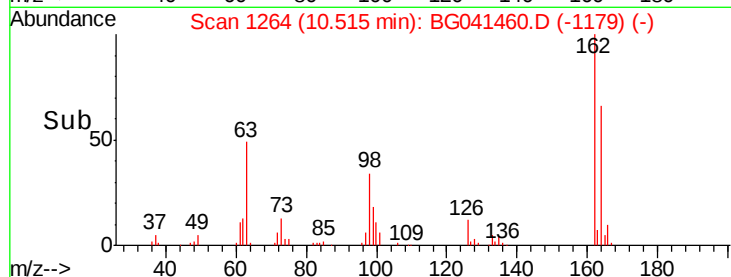
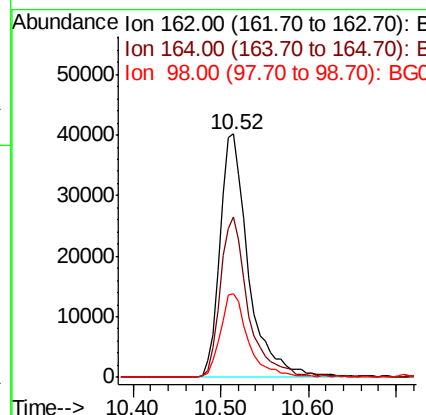
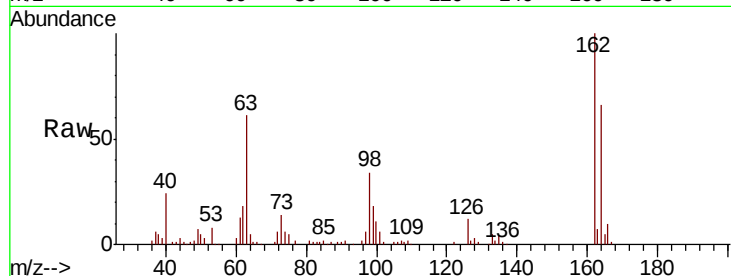




#29
 2,4-Dichlorophenol
 Concen: 48.765 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

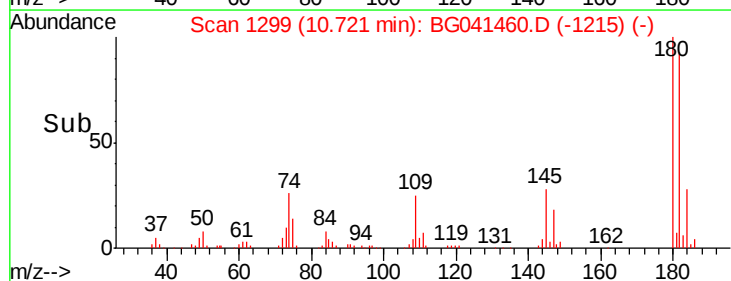
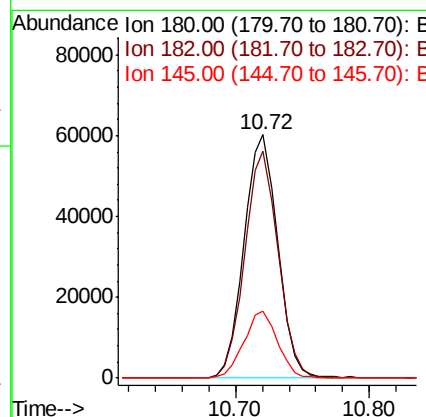
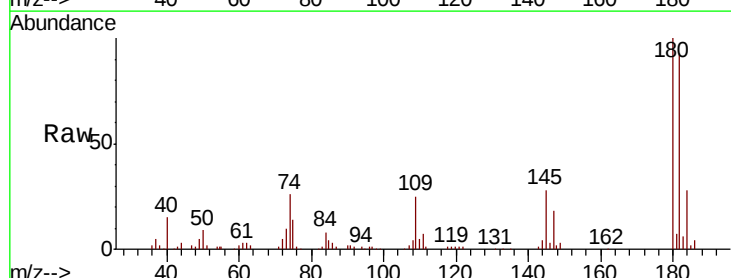
Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

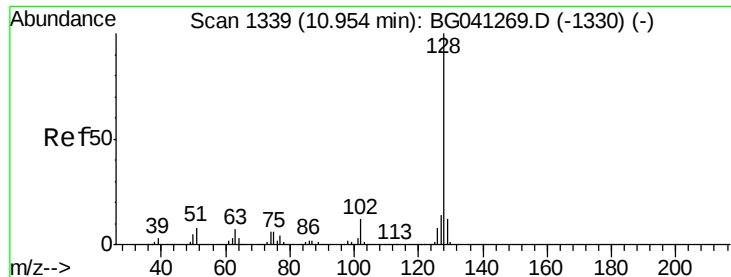
Tgt Ion:162 Resp: 90633
 Ion Ratio Lower Upper
 162 100
 164 65.9 46.0 86.0
 98 34.3 17.4 57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 44.006 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.04 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Tgt Ion:180 Resp: 104747
 Ion Ratio Lower Upper
 180 100
 182 93.1 78.6 117.8
 145 27.6 21.7 32.5

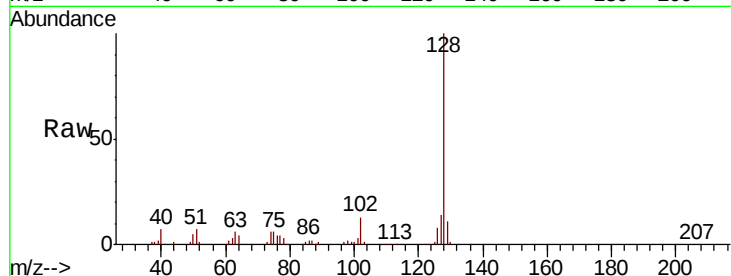




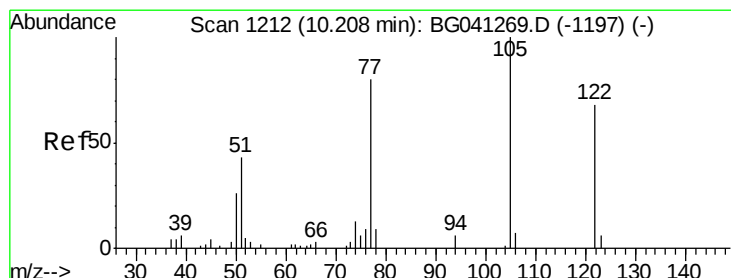
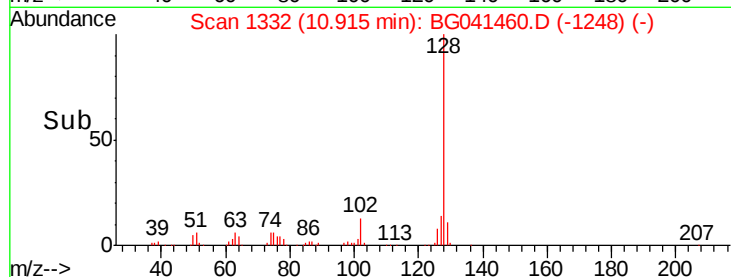
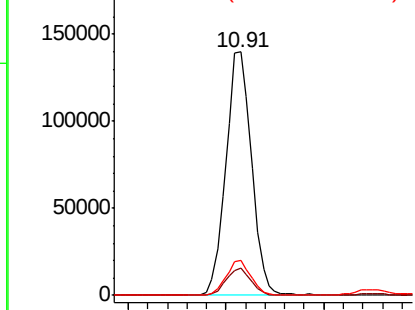
#31
Naphthalene
Concen: 45.484 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.04 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:128 Resp: 254971
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 14.2 11.2 16.8

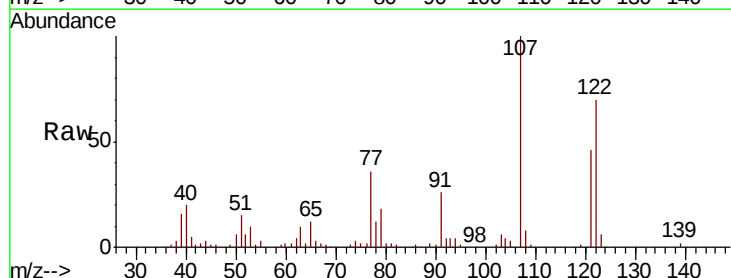


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

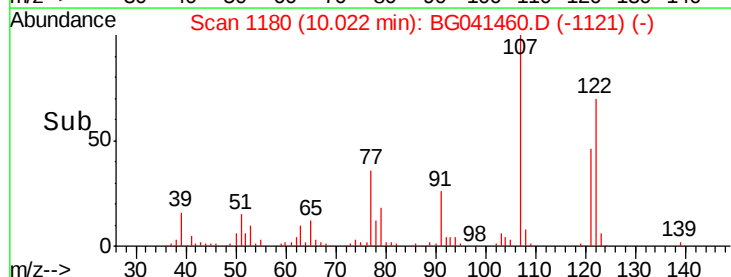
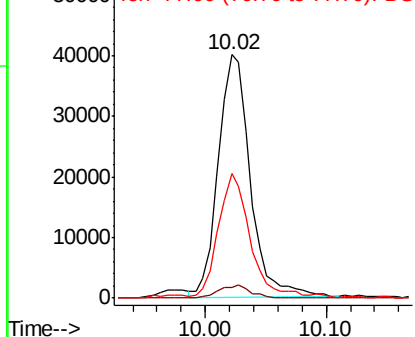


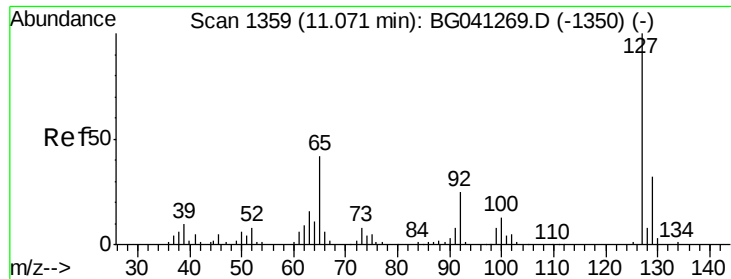
#32
Benzoic acid
Concen: 74.553 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.19 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion:122 Resp: 72746
Ion Ratio Lower Upper
122 100
105 4.2 124.2 164.2#
77 51.3 97.2 137.2#



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

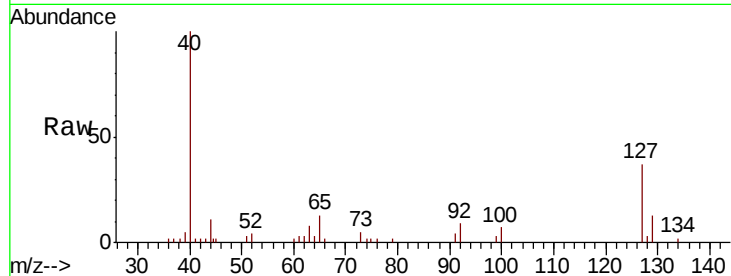




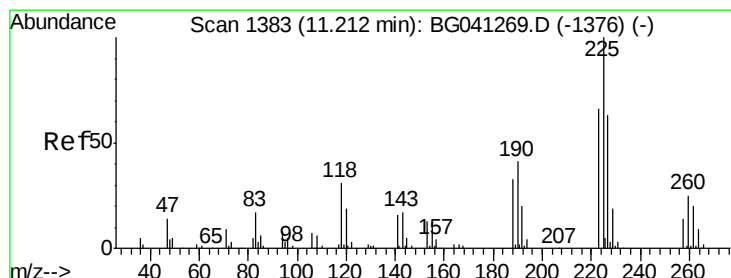
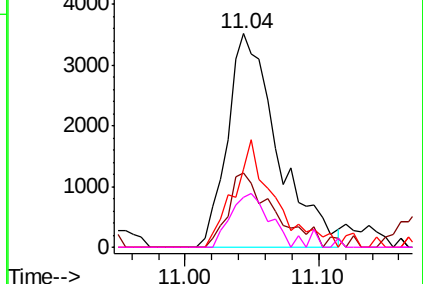
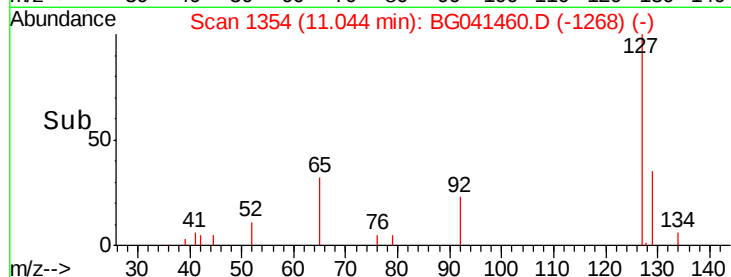
#33
4-Chloroaniline
Concen: 3.865 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tgt Ion:127 Resp: 9201
Ion Ratio Lower Upper
127 100
129 34.7 25.8 38.8
65 36.7 33.8 50.8
92 23.4 20.2 30.4

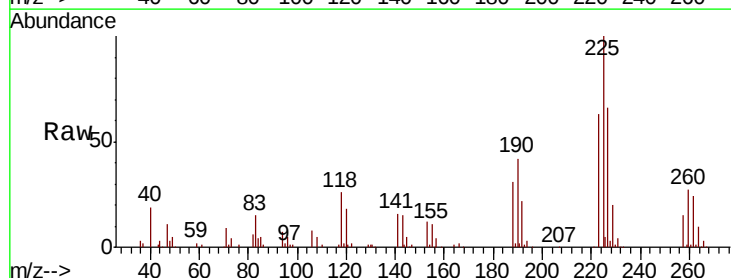


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

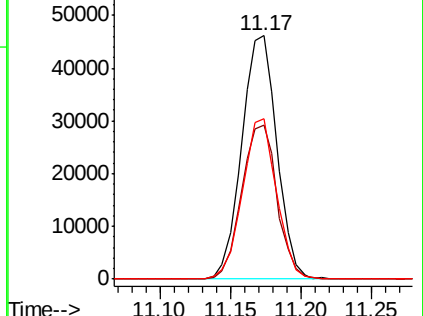
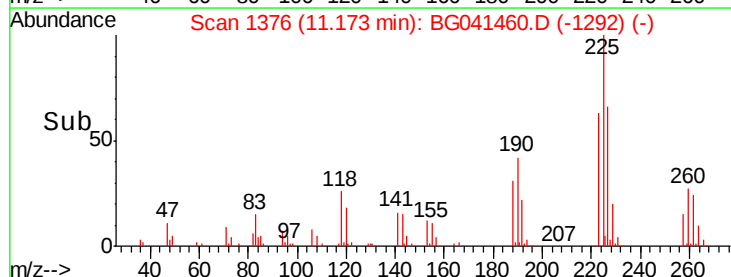


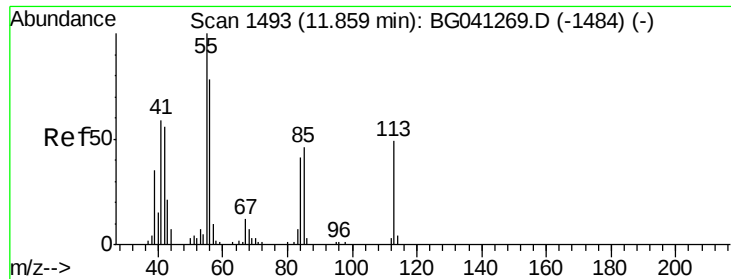
#34
Hexachlorobutadiene
Concen: 42.578 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.04 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion:225 Resp: 80448
Ion Ratio Lower Upper
225 100
223 60.0 52.5 78.7
227 62.7 50.2 75.2



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





#35

Caprolactam

Concen: 15.073 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

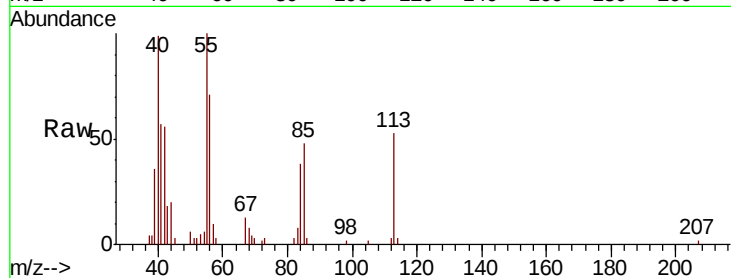
Tgt Ion:113 Resp: 9644

Ion Ratio Lower Upper

113 100

55 189.9 182.6 222.6

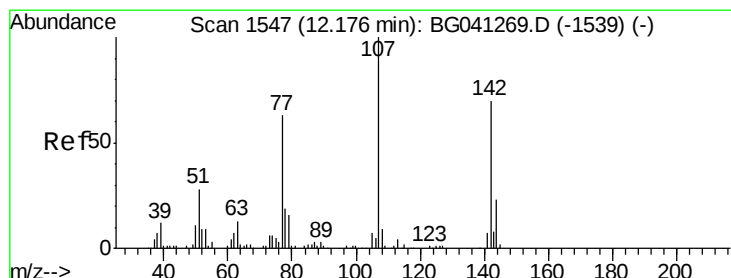
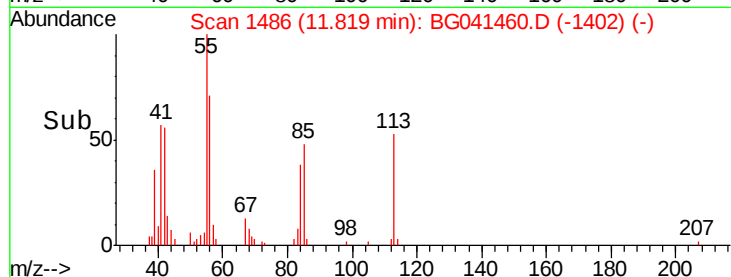
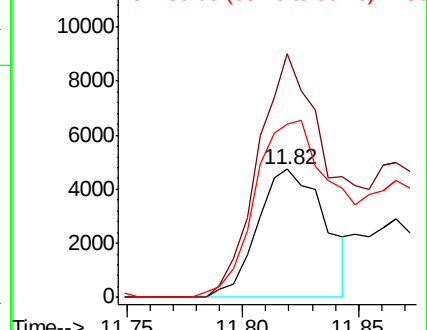
56 134.7 137.5 177.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.425 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

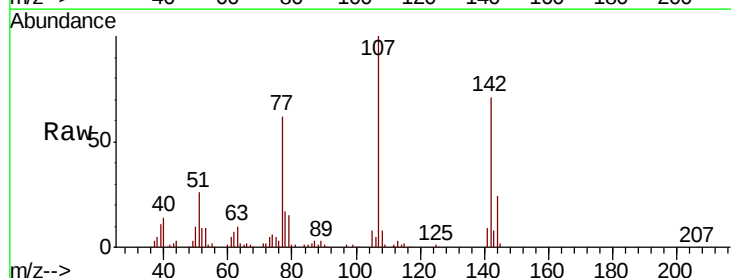
Tgt Ion:107 Resp: 97517

Ion Ratio Lower Upper

107 100

144 23.5 18.5 27.7

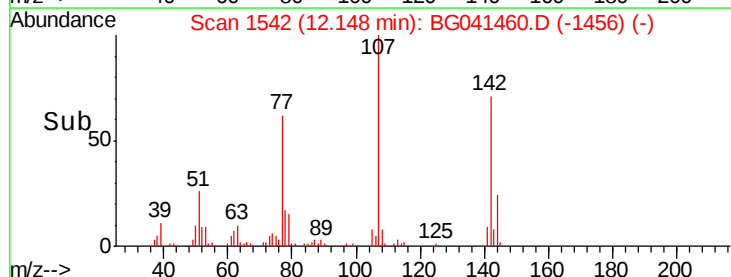
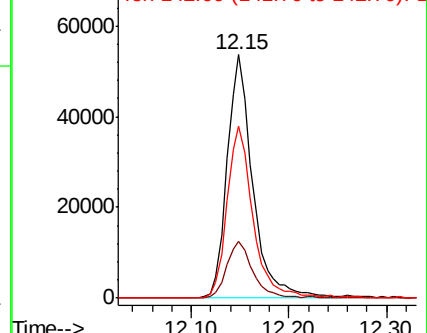
142 70.7 56.3 84.5

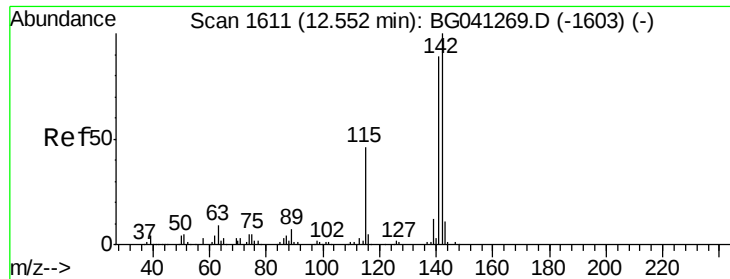


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

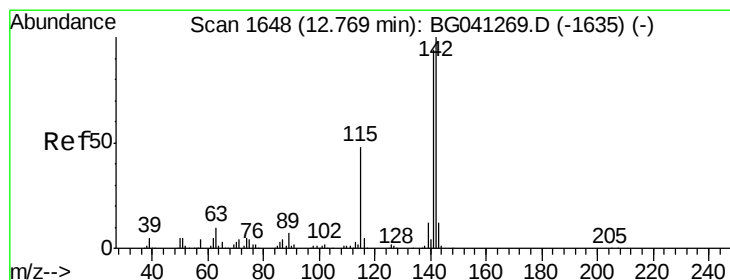
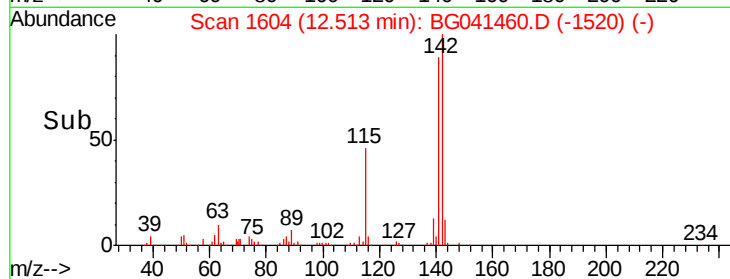
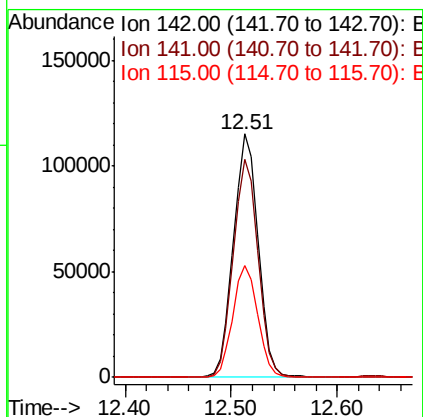
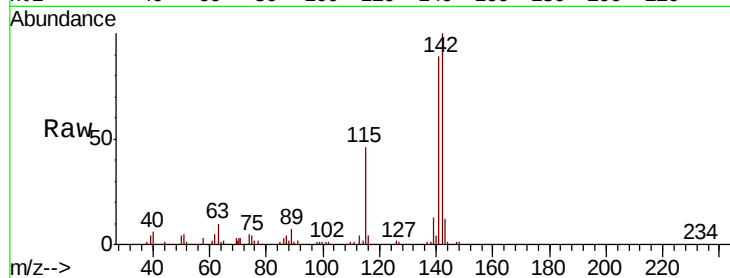




#37
2-Methylnaphthalene
Concen: 45.104 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.04 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

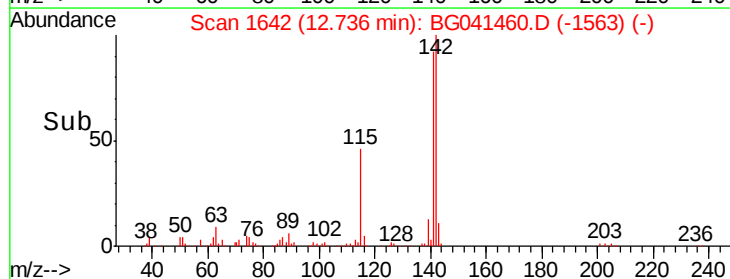
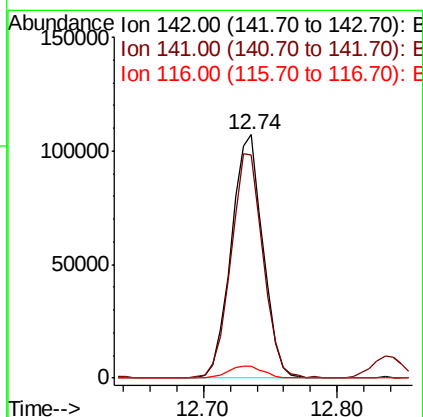
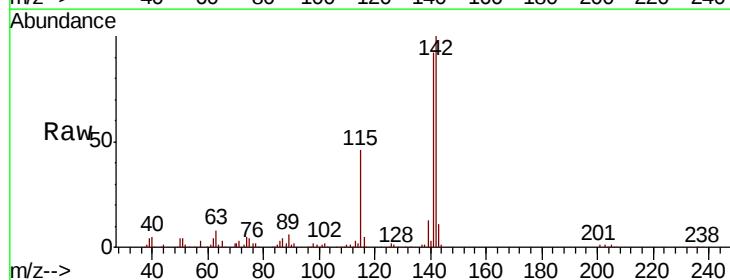
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

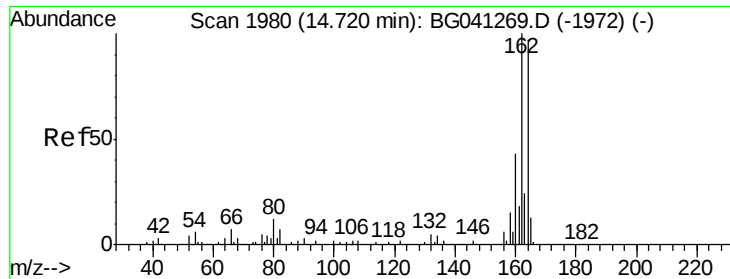
Tgt Ion:142 Resp: 186219
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3
115 45.9 37.0 55.6



#38
1-Methylnaphthalene
Concen: 44.644 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion:142 Resp: 176351
Ion Ratio Lower Upper
142 100
141 91.5 75.0 112.6
116 5.0 4.2 6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

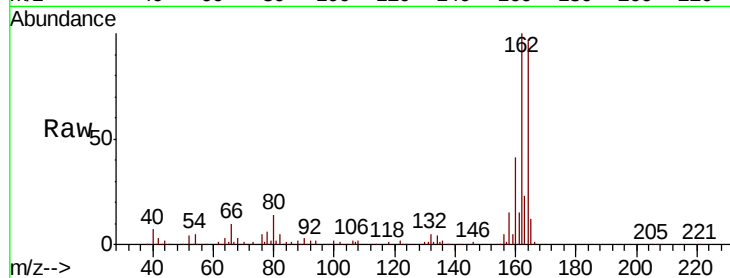
Tgt Ion:164 Resp: 72024

Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

160 41.8 35.8 53.8

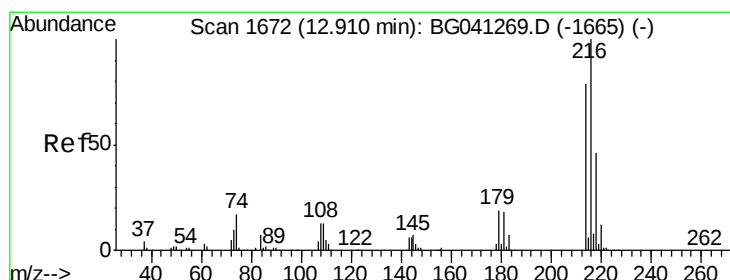
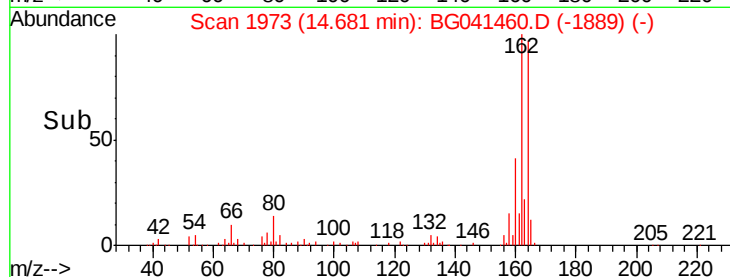
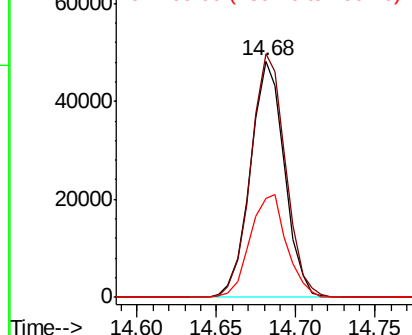


Abundance

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: 47.168 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Tgt Ion:216 Resp: 140282

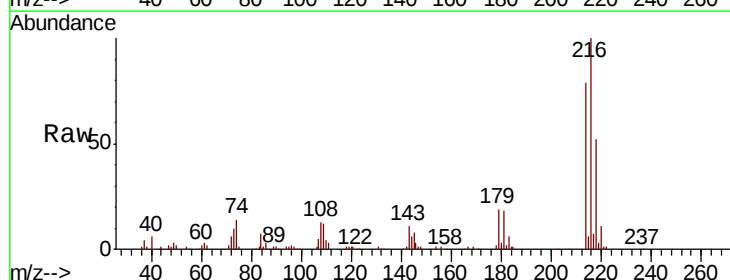
Ion Ratio Lower Upper

216 100

214 80.4 62.8 94.2

179 18.6 15.2 22.8

108 12.7 12.4 18.6



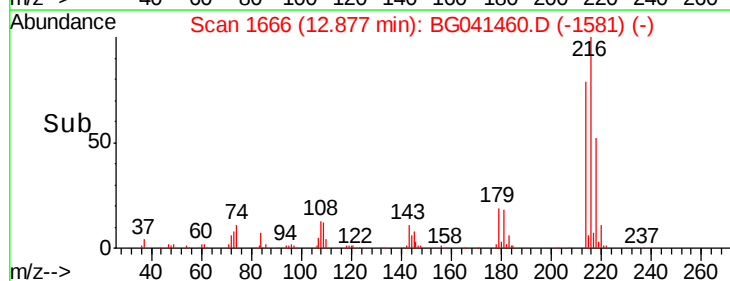
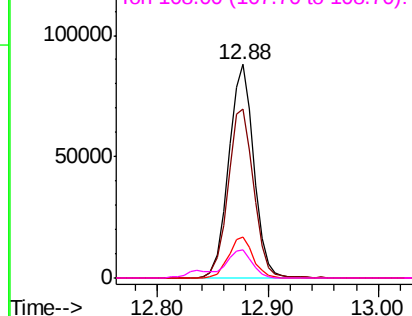
Abundance

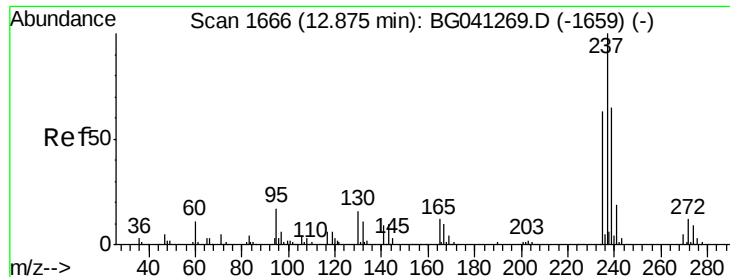
Ion 216.00 (215.70 to 216.70): E

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: 81.878 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

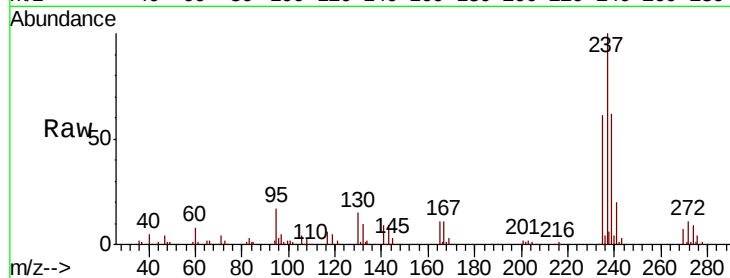
Tgt Ion: 237 Resp: 164028

Ion Ratio Lower Upper

237 100

235 61.2 42.9 82.9

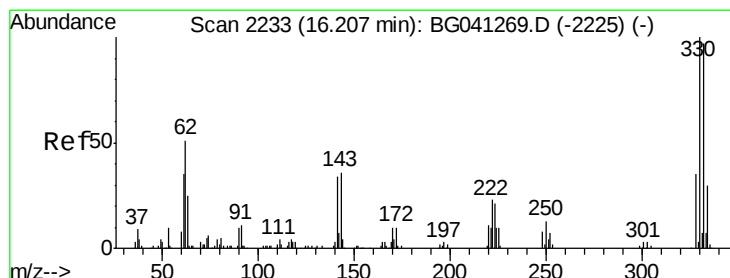
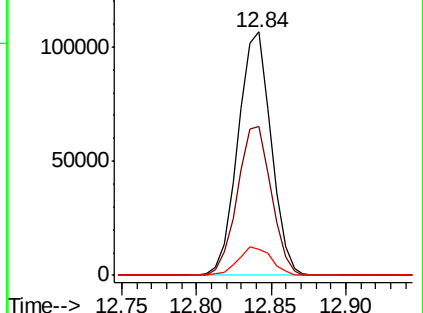
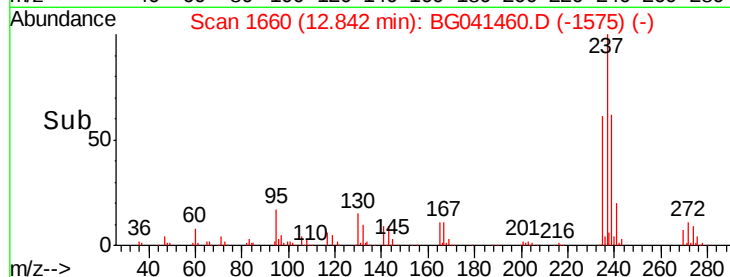
272 10.7 0.0 32.0



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: 158.200 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

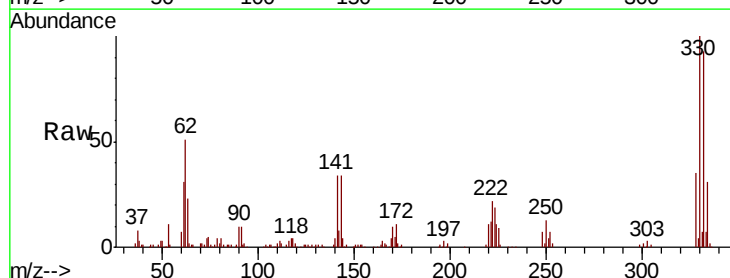
Tgt Ion: 330 Resp: 174926

Ion Ratio Lower Upper

330 100

332 95.2 75.5 113.3

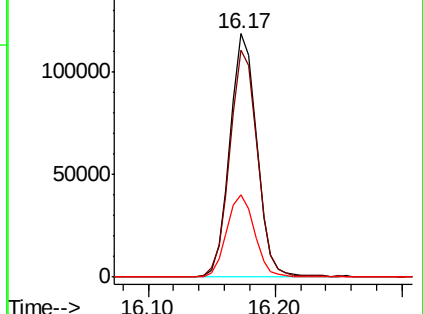
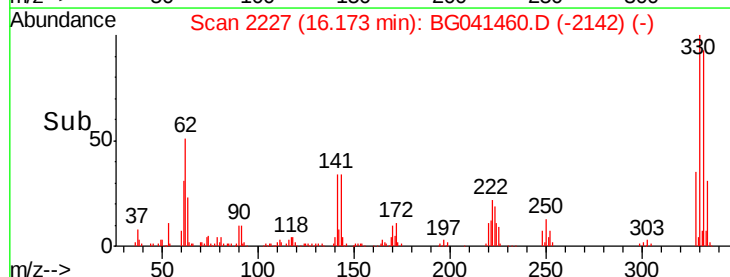
141 35.2 29.0 43.4

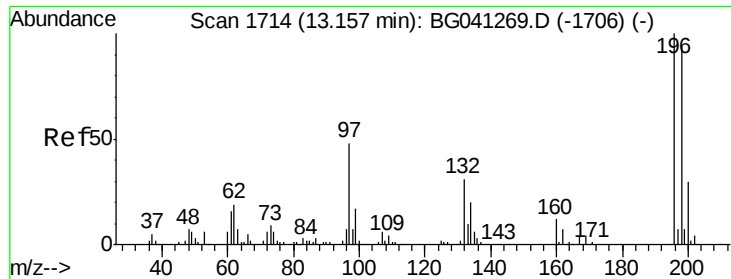


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

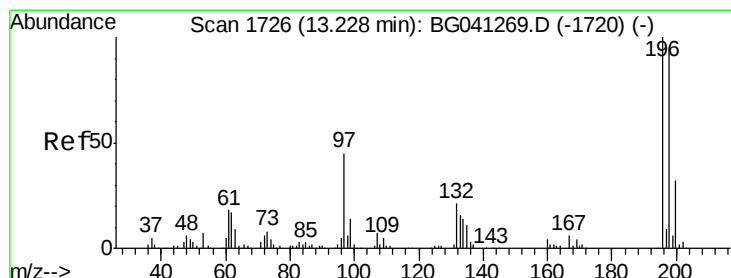
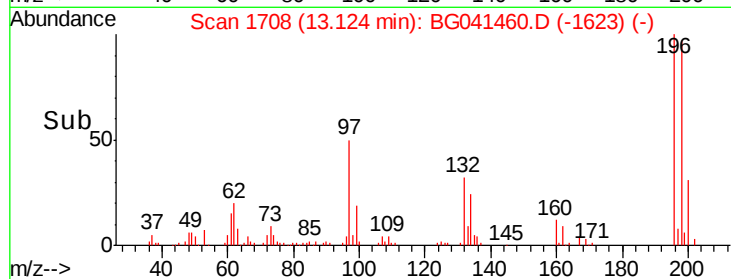
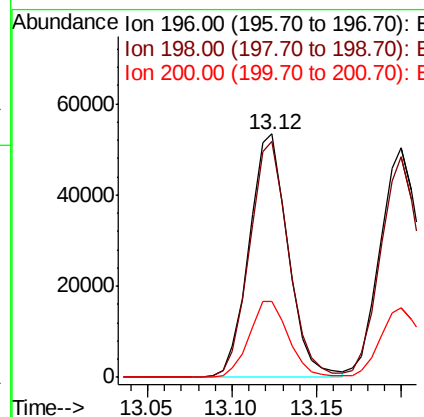
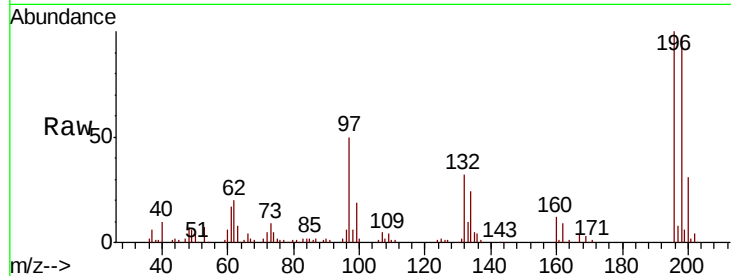




#43
 2,4,6-Trichlorophenol
 Concen: 46.479 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.03 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

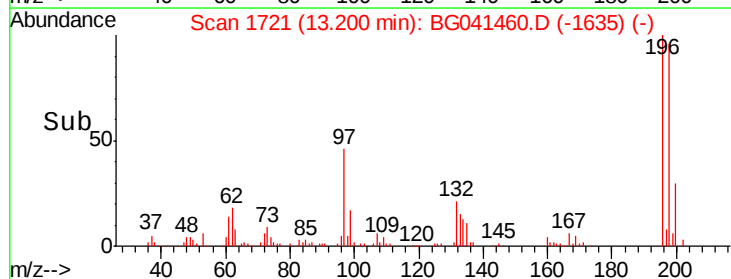
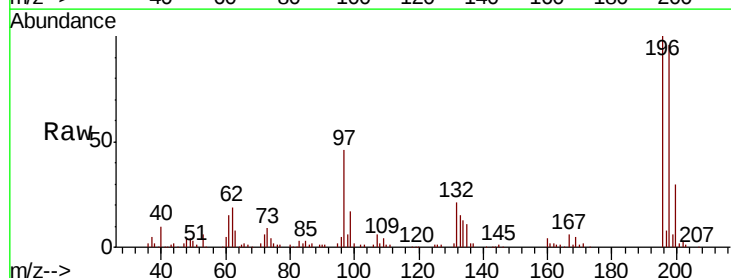
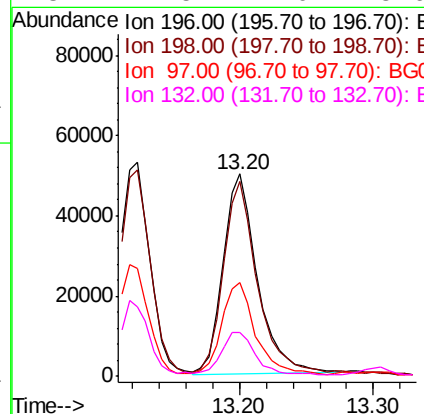
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

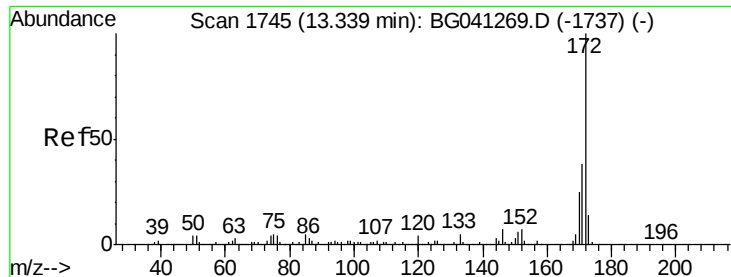
Tgt Ion:196 Resp: 85513
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.9 112.3
 200 30.9 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 47.472 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.03 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Tgt Ion:196 Resp: 89867
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.1 114.1
 97 46.3 35.9 53.9
 132 21.5 17.0 25.6

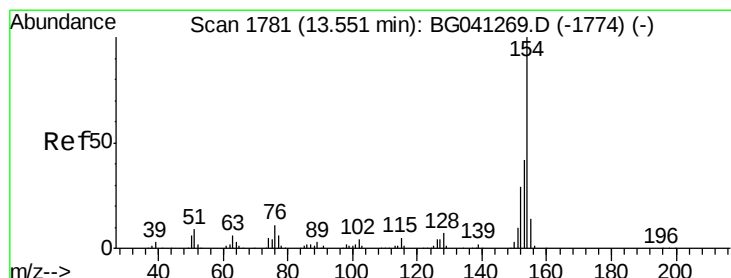
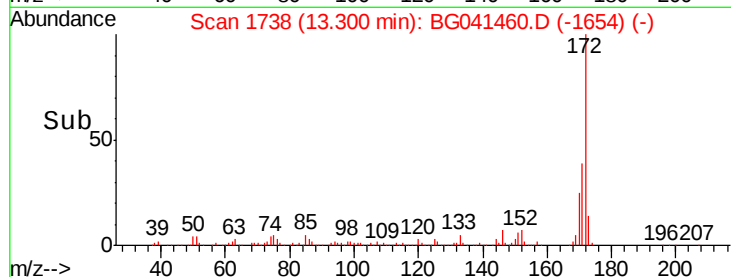
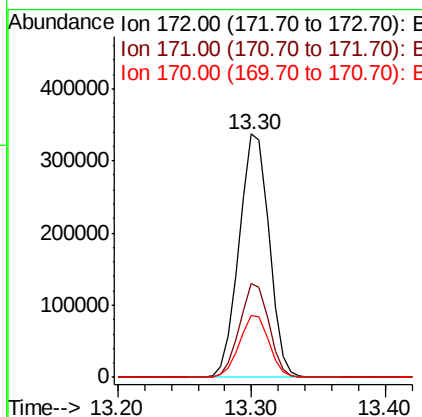
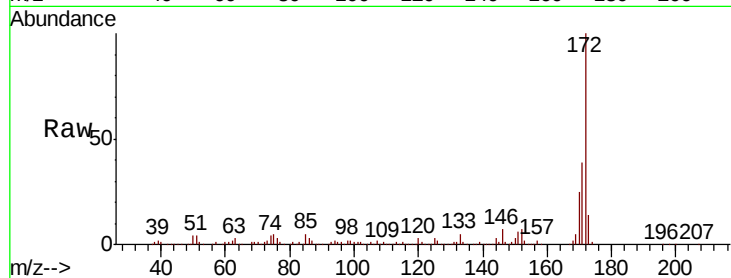




#45
2-Fluorobiphenyl
Concen: 99.216 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.04 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

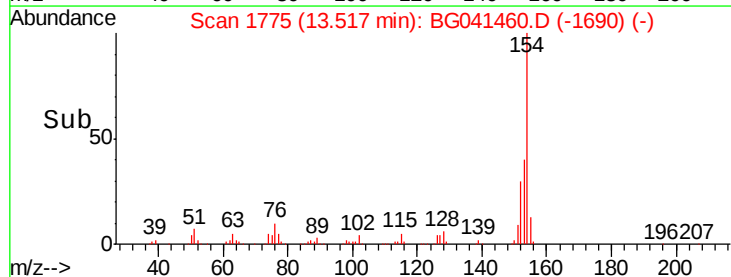
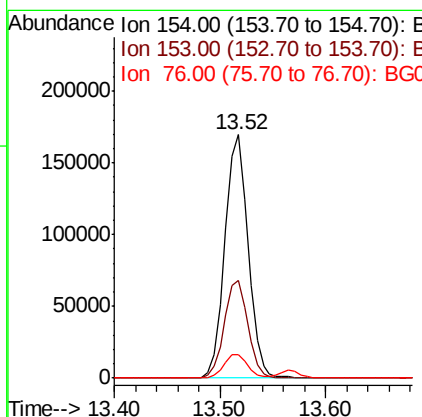
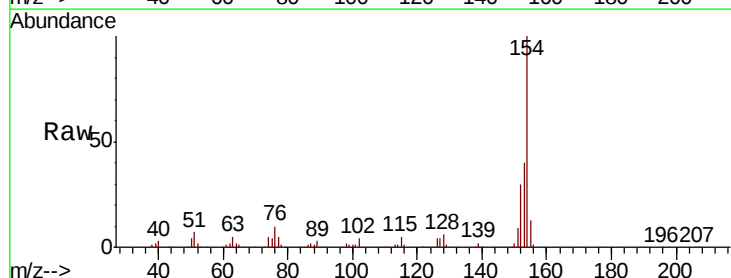
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

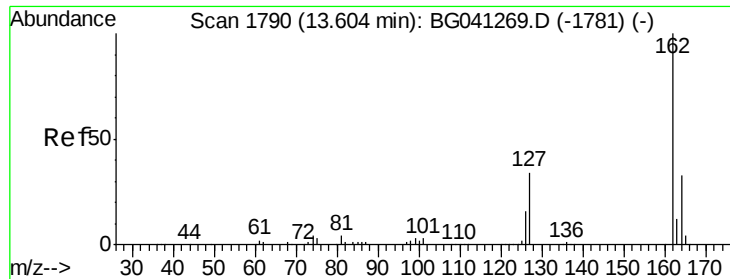
Tgt Ion:172 Resp: 525760
Ion Ratio Lower Upper
172 100
171 38.8 30.0 45.0
170 25.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 47.427 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion:154 Resp: 258240
Ion Ratio Lower Upper
154 100
153 40.1 22.3 62.3
76 9.8 0.0 30.8

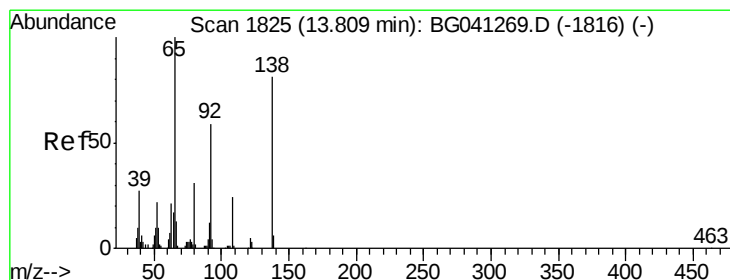
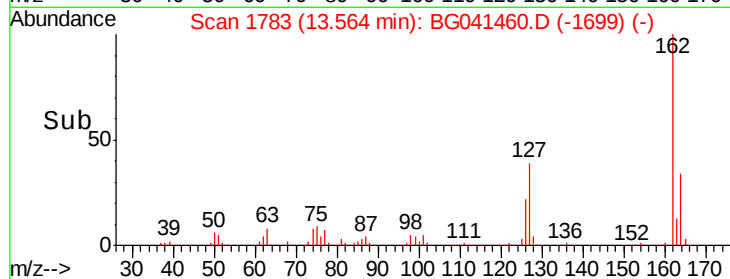
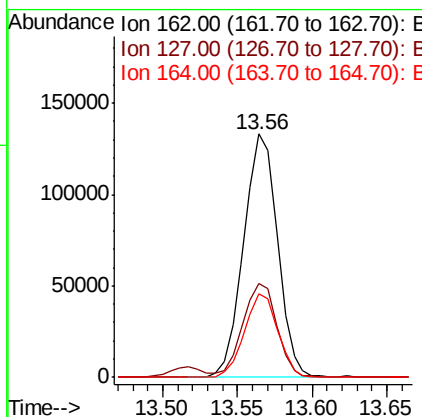
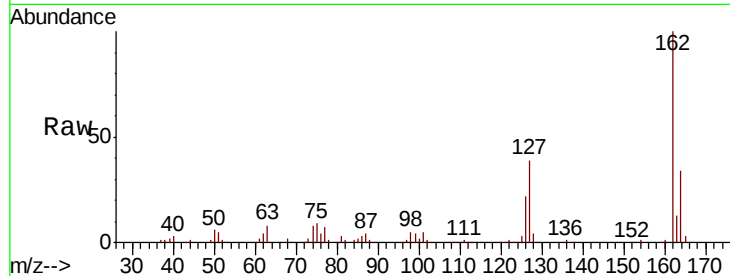




#47
 2-Chloronaphthalene
 Concen: 44.863 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

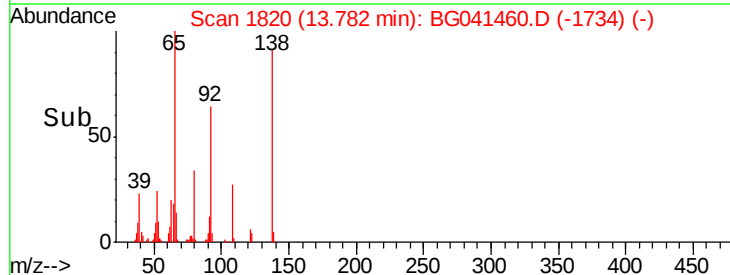
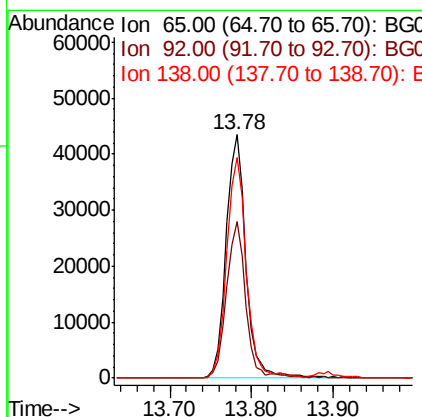
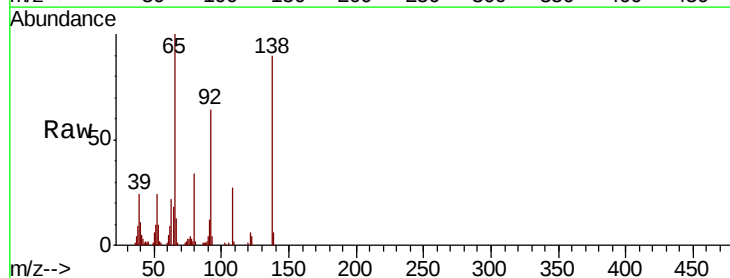
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

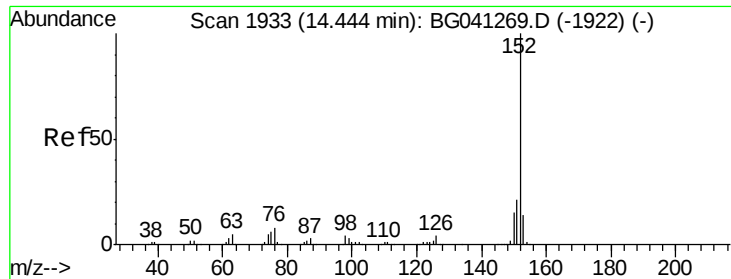
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.0	46.4
164	34.4	26.1	39.1



#48
 2-Nitroaniline
 Concen: 42.582 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.03 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	47.4	71.2
138	90.4	64.7	97.1





#49

Acenaphthylene

Concen: 47.316 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampled :

TP-1MSD

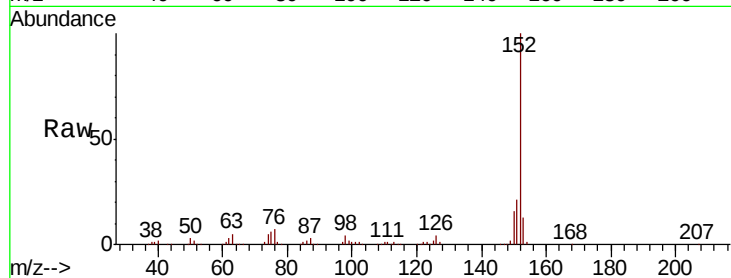
Tgt Ion:152 Resp: 336582

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

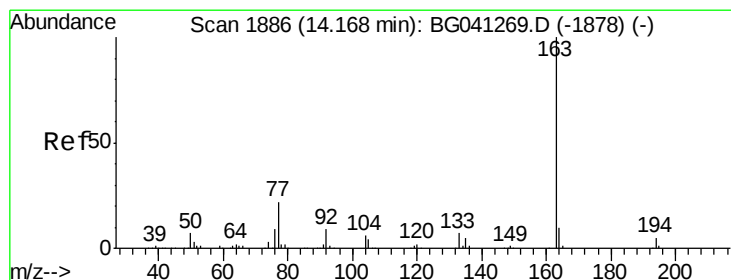
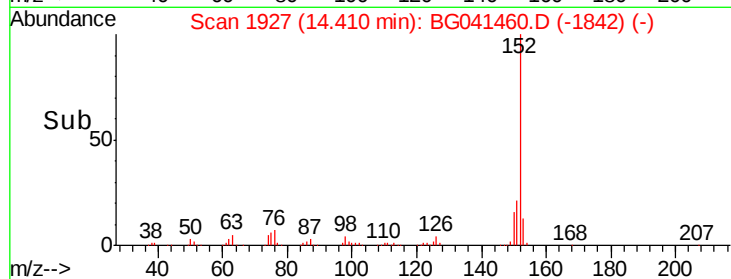
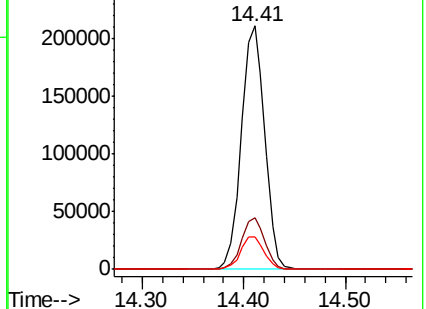
153 13.5 10.8 16.2



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: 46.177 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

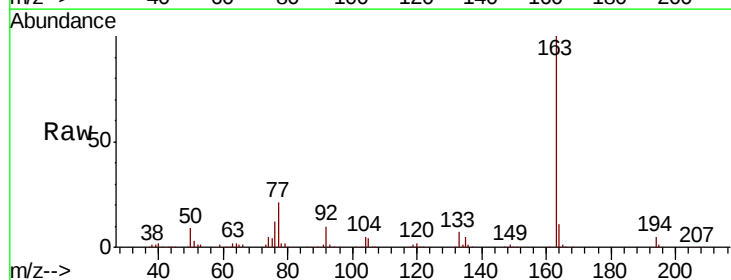
Tgt Ion:163 Resp: 295918

Ion Ratio Lower Upper

163 100

194 5.0 3.9 5.9

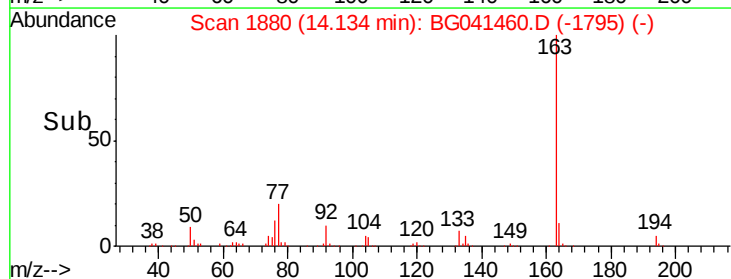
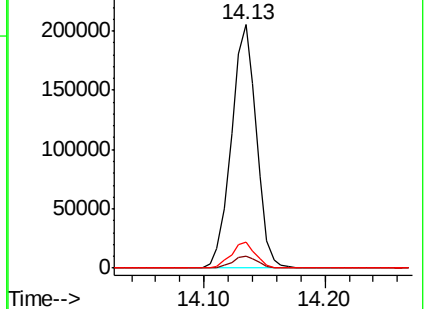
164 10.5 8.3 12.5

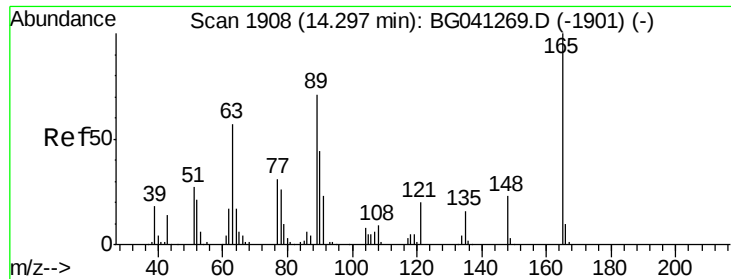


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.553 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

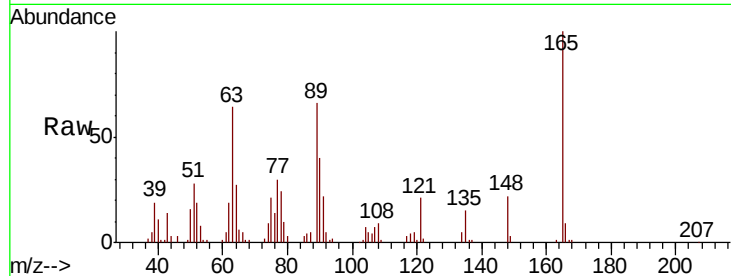
Tgt Ion:165 Resp: 62905

Ion Ratio Lower Upper

165 100

63 63.6 55.4 83.0

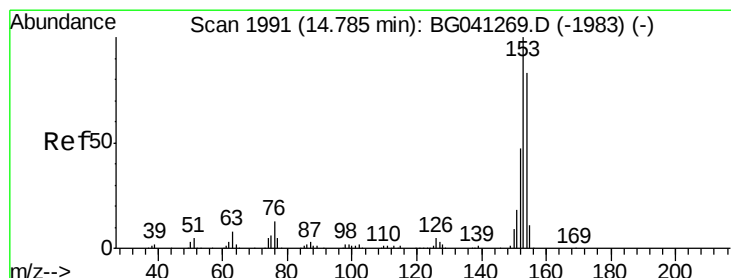
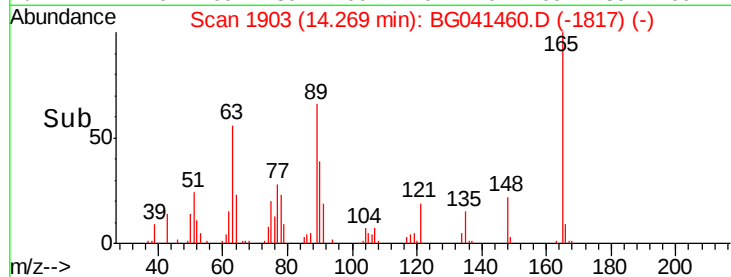
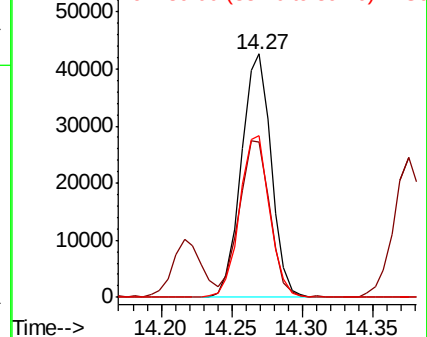
89 66.2 56.5 84.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 46.567 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

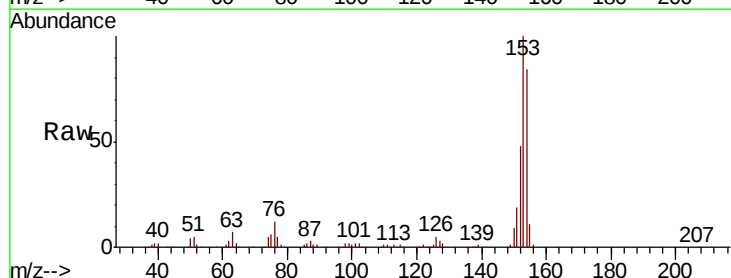
Tgt Ion:154 Resp: 194516

Ion Ratio Lower Upper

154 100

153 119.1 96.6 145.0

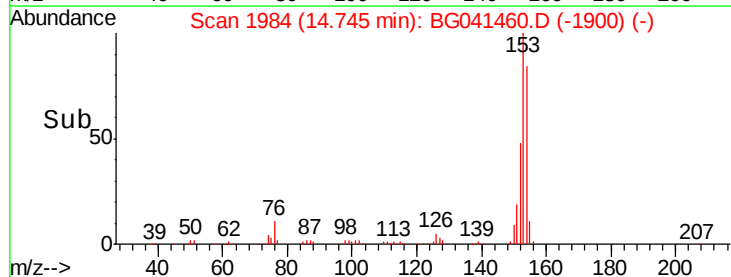
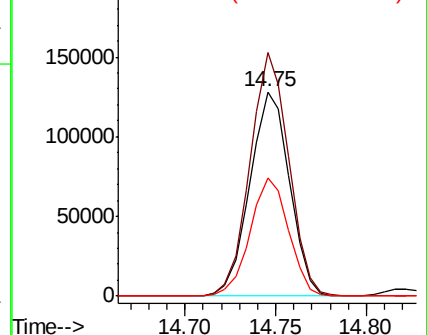
152 57.5 45.5 68.3

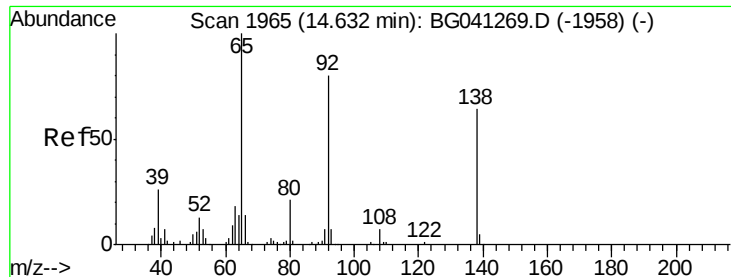


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

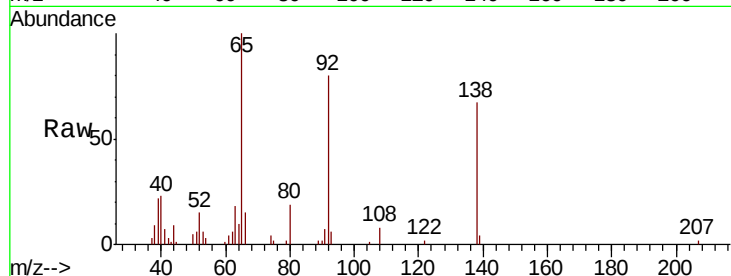




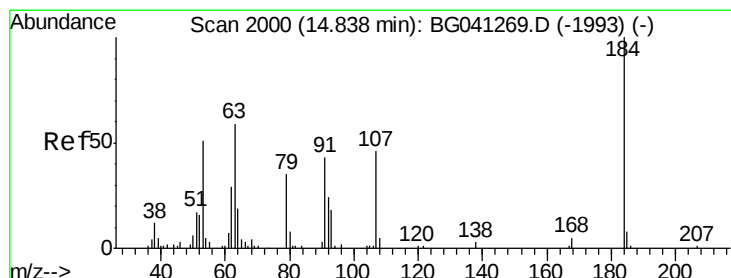
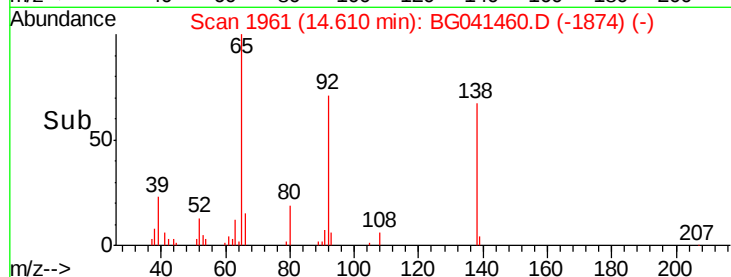
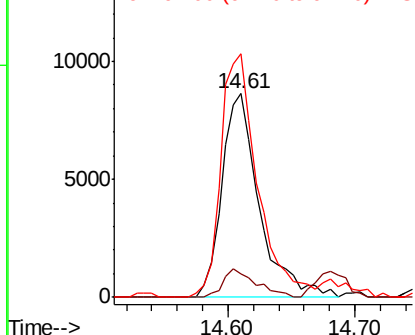
#53
3-Nitroaniline
Concen: 13.202 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:138 Resp: 17576
Ion Ratio Lower Upper
138 100
108 11.4 8.3 12.5
92 119.6 100.2 150.4

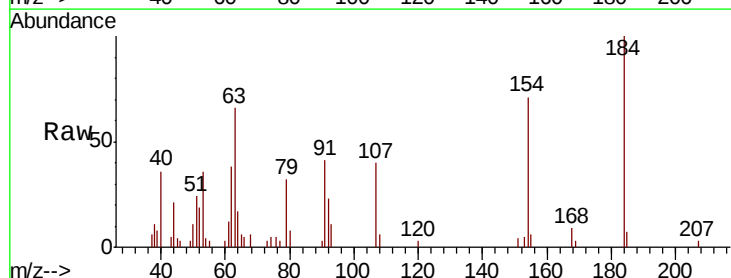


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

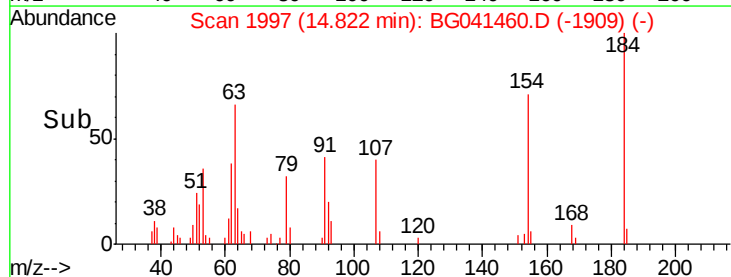
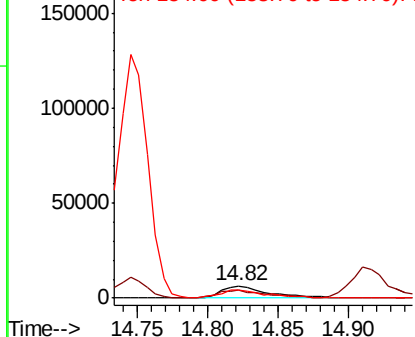


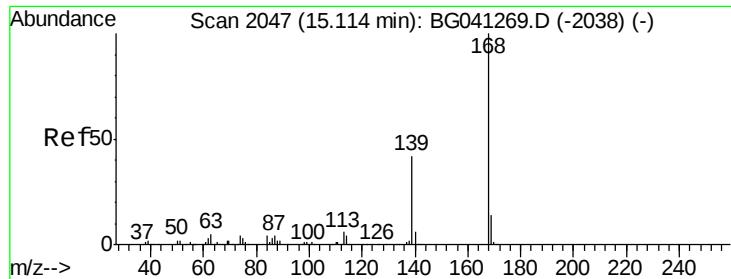
#54
2,4-Dinitrophenol
Concen: 19.295 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion:184 Resp: 14944
Ion Ratio Lower Upper
184 100
63 66.2 60.0 90.0
154 71.0 58.3 87.5



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

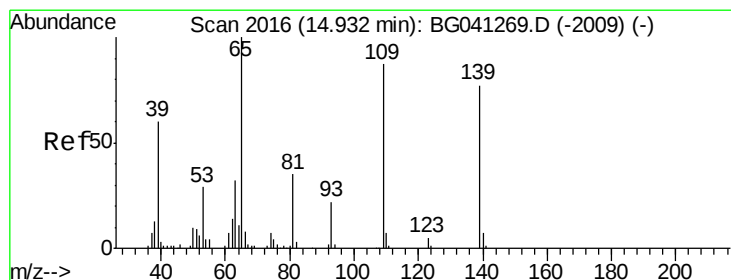
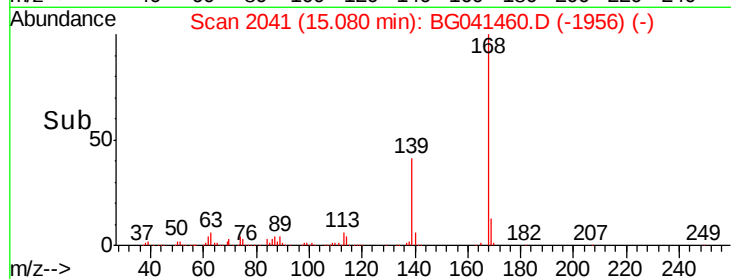
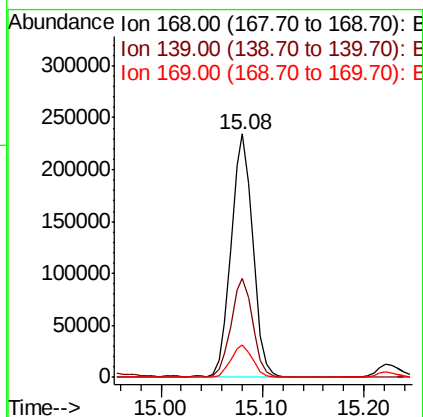
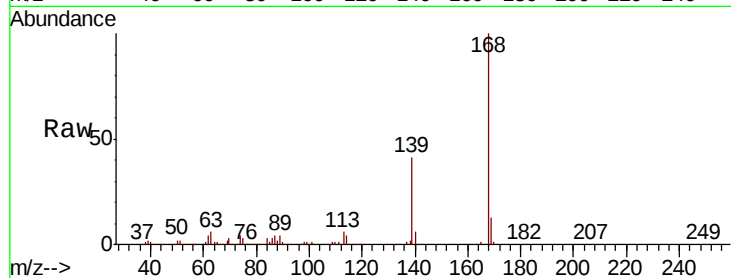




#55
Dibenzenofuran
Concen: 47.951 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

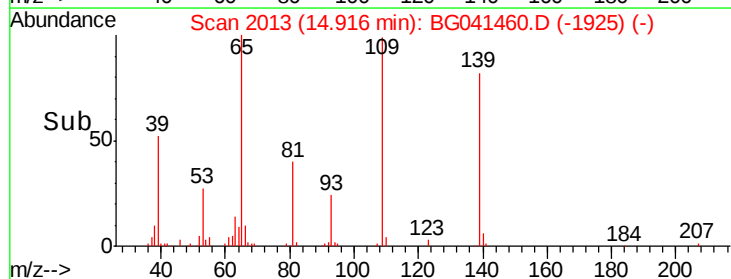
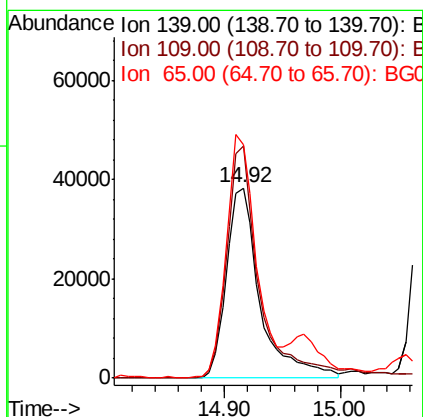
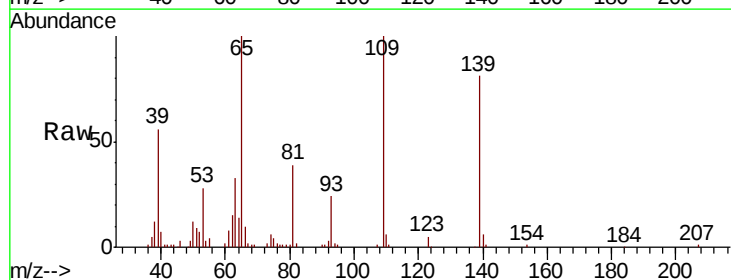
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

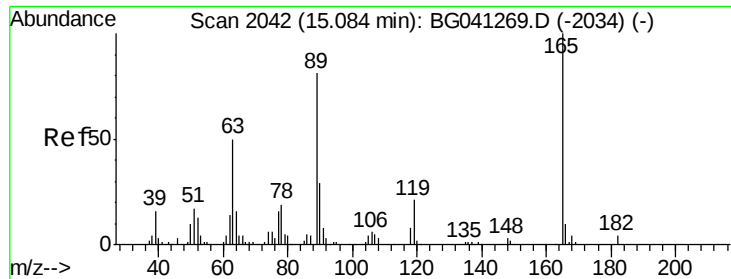
Tgt Ion:168 Resp: 348258
Ion Ratio Lower Upper
168 100
139 40.9 33.6 50.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 76.958 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion:139 Resp: 77704
Ion Ratio Lower Upper
139 100
109 122.4 93.2 133.2
65 122.9 110.2 150.2

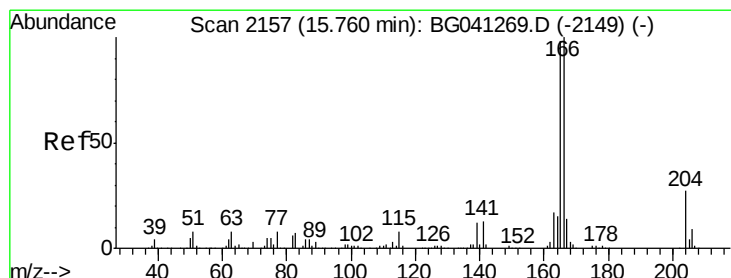
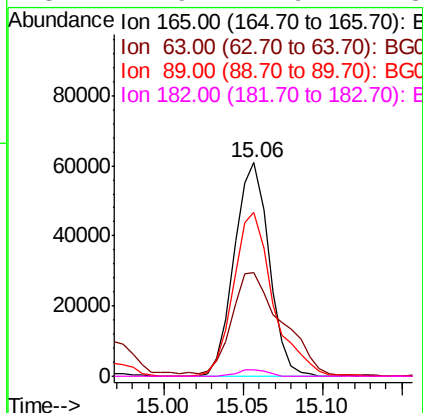
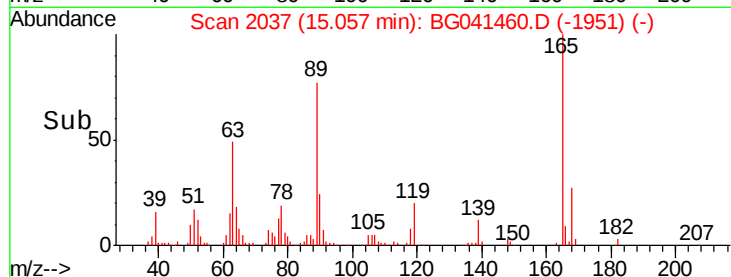
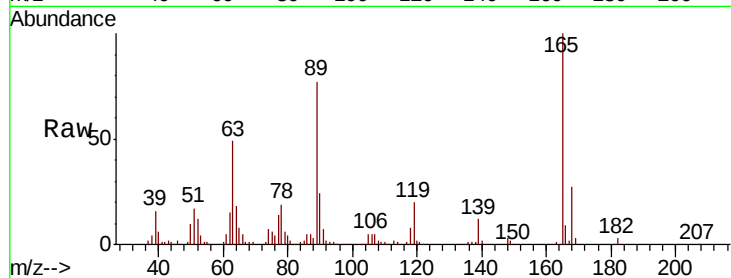




#57
2,4-Dinitrotoluene
Concen: 46.946 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

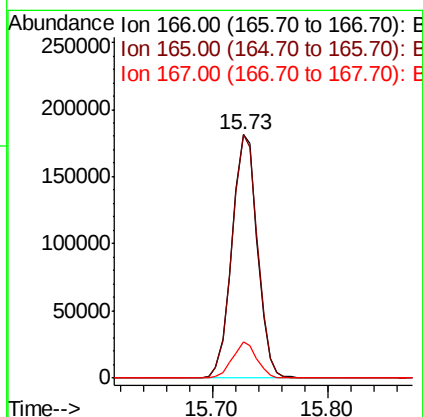
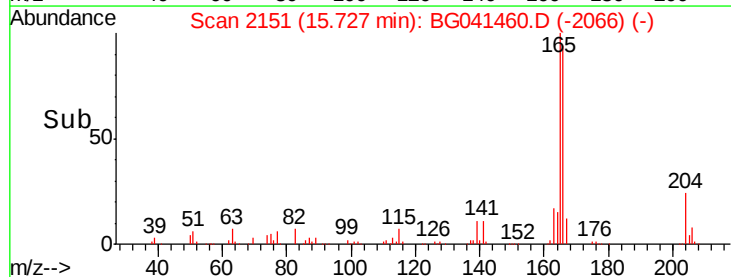
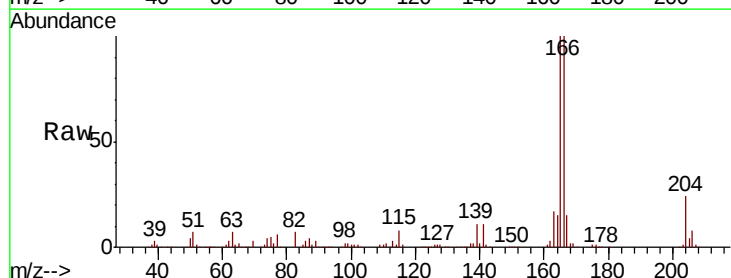
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:165 Resp: 92729
Ion Ratio Lower Upper
165 100
63 48.6 40.0 60.0
89 76.5 64.6 96.8
182 2.9 2.9 4.3



#58
Fluorene
Concen: 48.326 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion:166 Resp: 276097
Ion Ratio Lower Upper
166 100
165 99.9 78.8 118.2
167 14.8 11.3 16.9

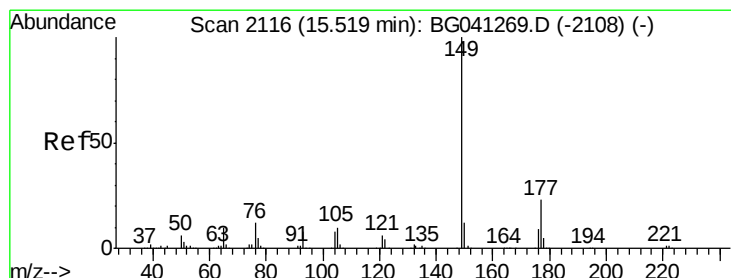
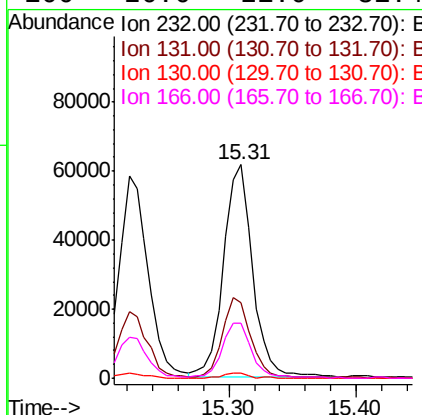
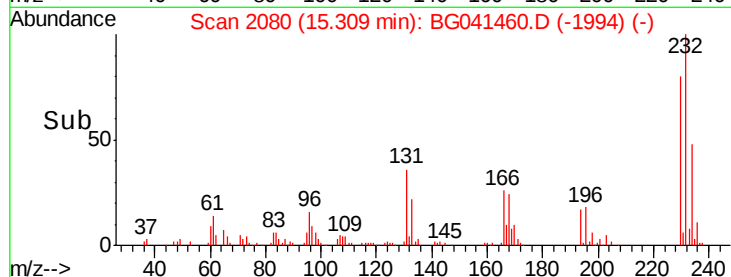
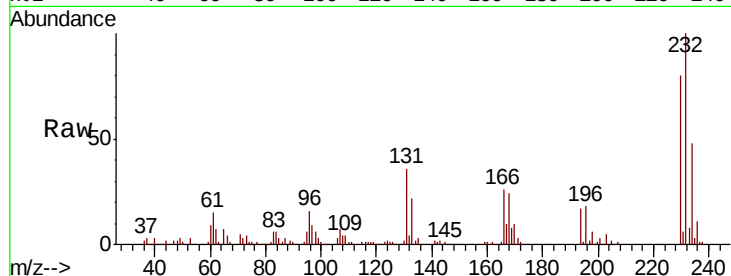




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.072 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.03 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

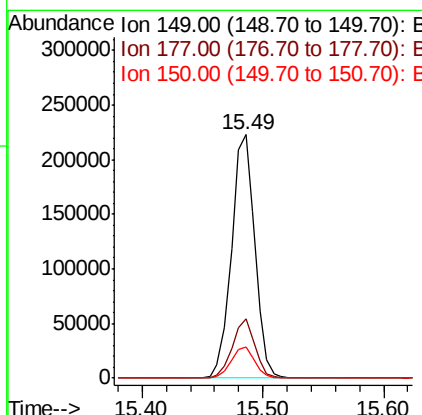
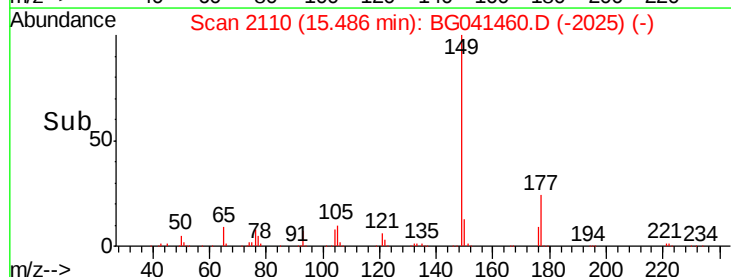
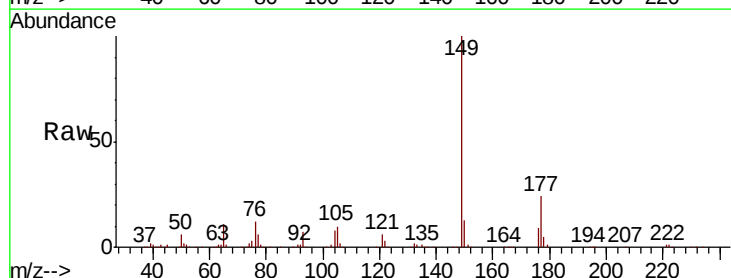
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

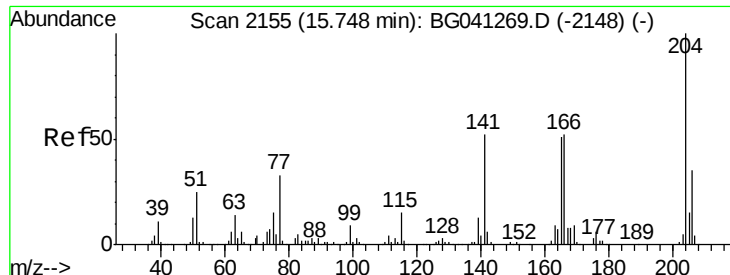
Tgt Ion:	232	Resp:	98021
Ion	Ratio	Lower	Upper
232	100		
131	36.5	29.0	43.6
130	2.1	1.6	2.4
166	26.6	21.0	31.4



#60
 Diethylphthalate
 Concen: 46.044 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.03 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Tgt Ion:	149	Resp:	299916
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.4	27.6
150	12.7	9.9	14.9

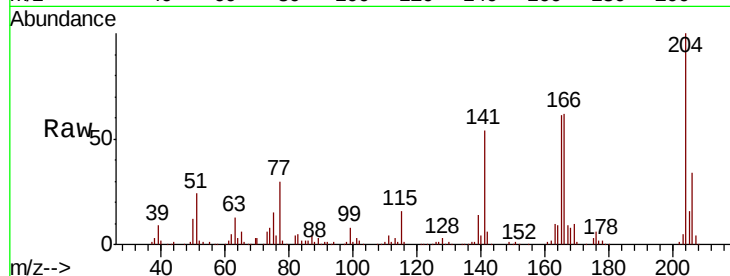




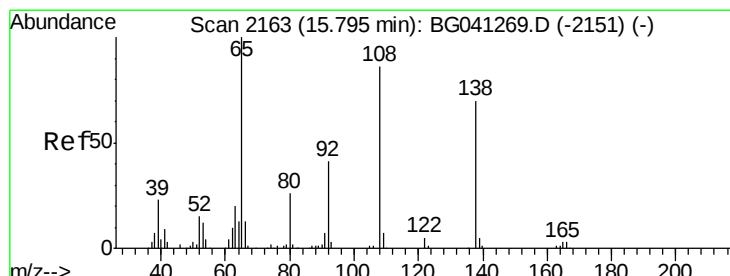
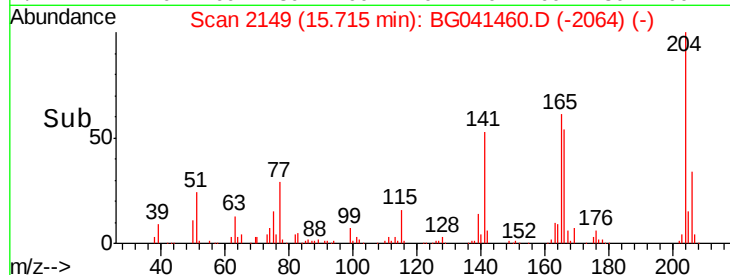
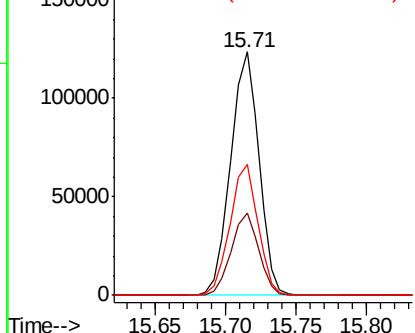
#61
4-Chlorophenyl-phenylether
Concen: 46.515 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 204 Resp: 172903
Ion Ratio Lower Upper
204 100
206 33.7 27.9 41.9
141 53.8 41.4 62.0

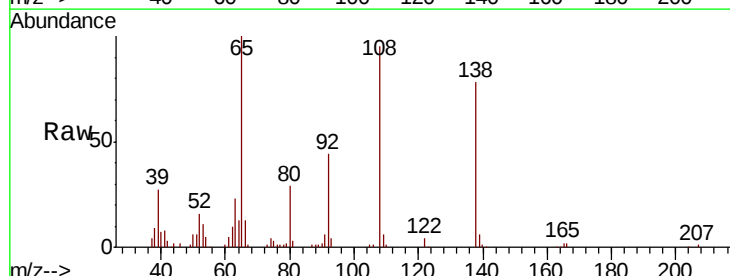


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

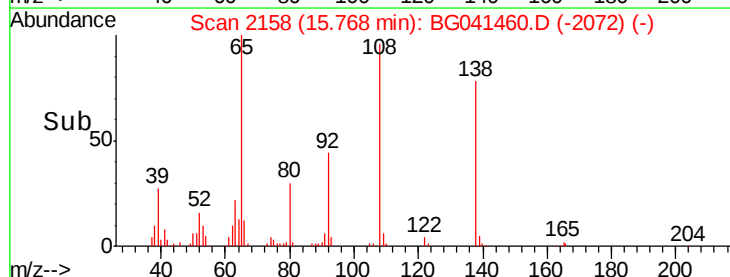
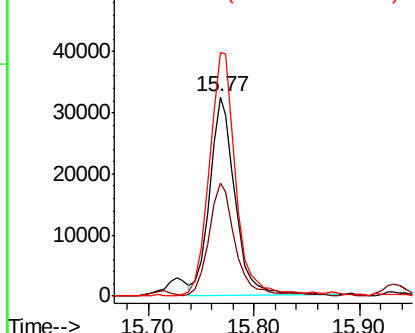


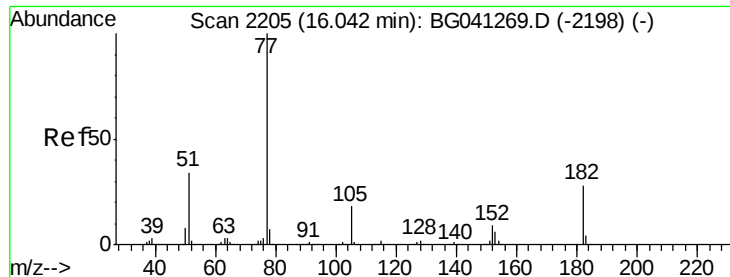
#62
4-Nitroaniline
Concen: 38.311 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion: 138 Resp: 54549
Ion Ratio Lower Upper
138 100
92 56.7 38.8 78.8
108 122.4 103.4 143.4



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





#63

Azobenzene

Concen: 44.841 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tgt Ion: 77 Resp: 260569

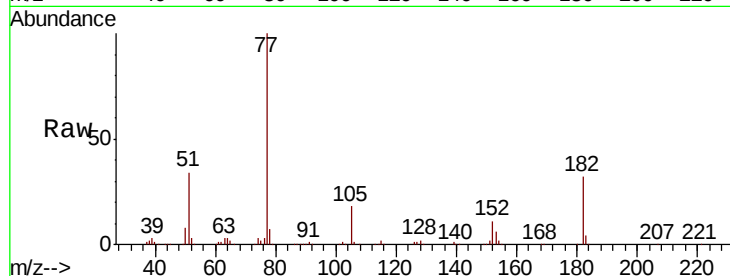
Ion Ratio Lower Upper

77 100

182 31.9 7.5 47.5

105 18.1 0.0 37.7

51 34.0 14.6 54.6

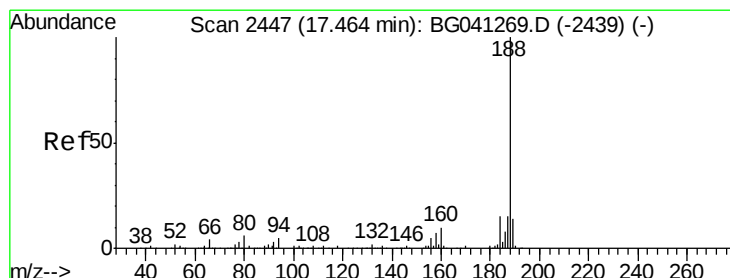
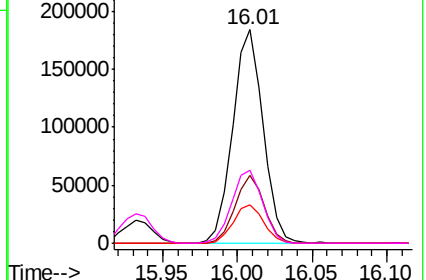
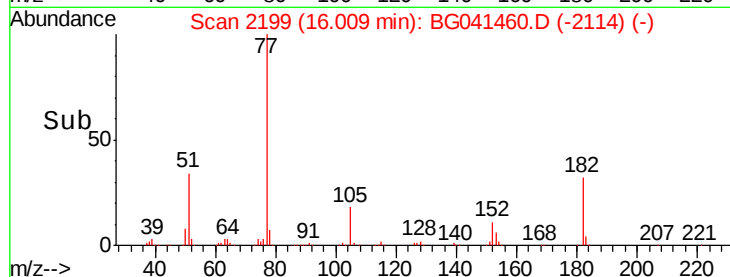


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

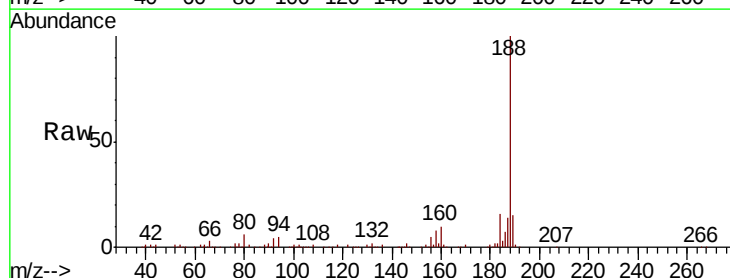
Tgt Ion: 188 Resp: 193338

Ion Ratio Lower Upper

188 100

94 4.7 3.6 5.4

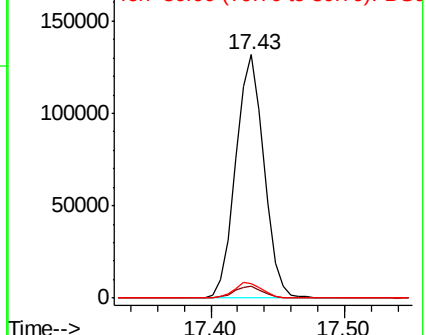
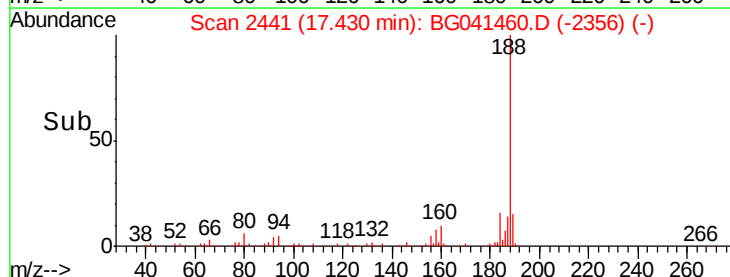
80 5.8 4.8 7.2

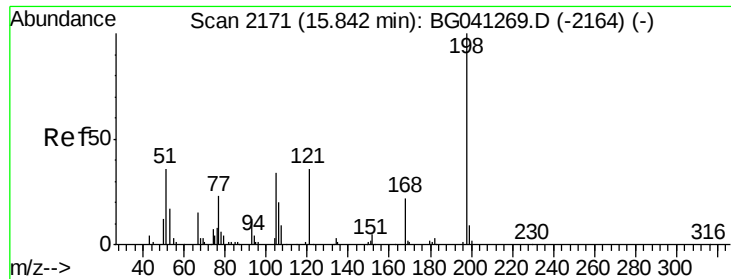


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 17.555 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

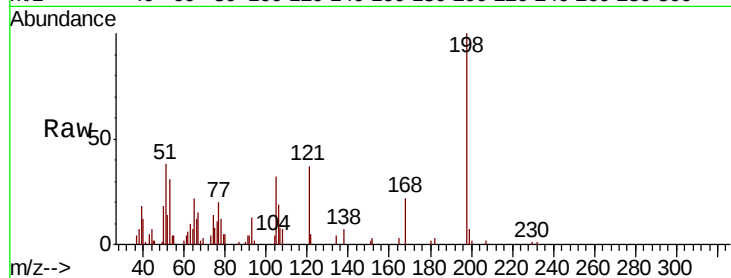
Tgt Ion:198 Resp: 22030

Ion Ratio Lower Upper

198 100

51 37.9 23.4 63.4

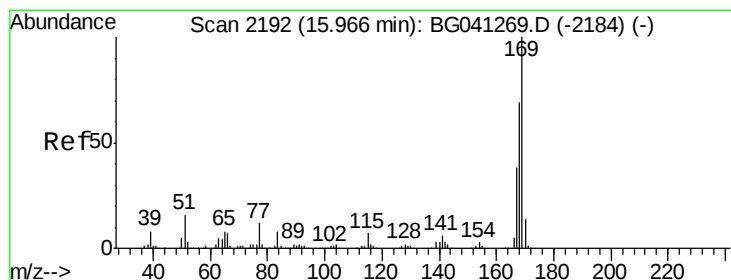
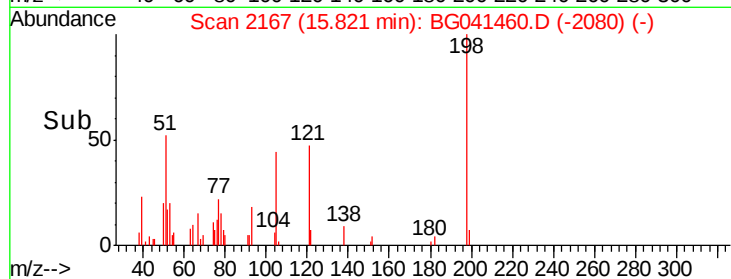
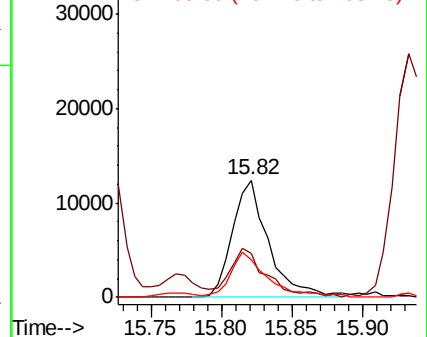
105 32.0 15.8 55.8



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: 48.738 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

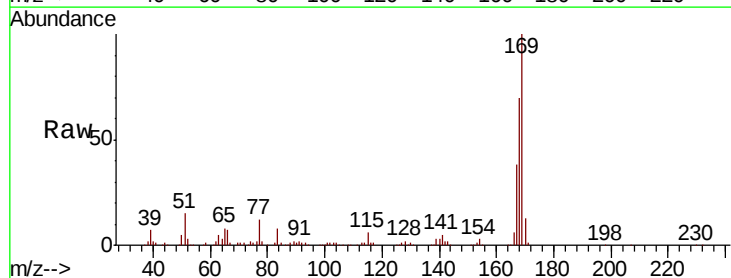
Tgt Ion:169 Resp: 250202

Ion Ratio Lower Upper

169 100

168 70.0 55.2 82.8

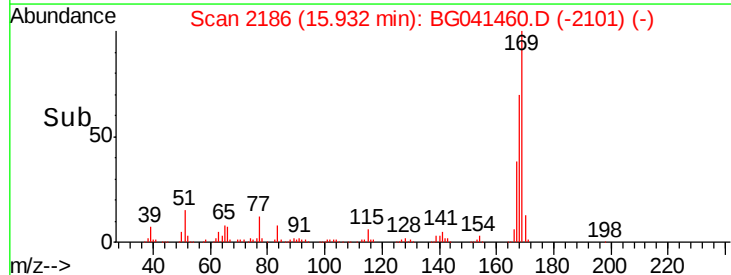
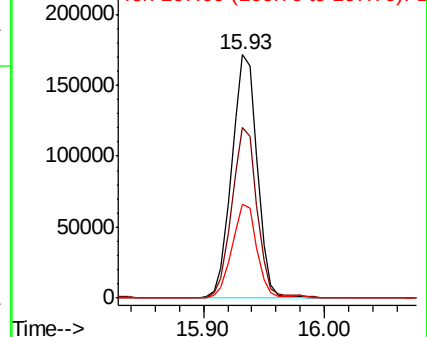
167 38.4 30.4 45.6

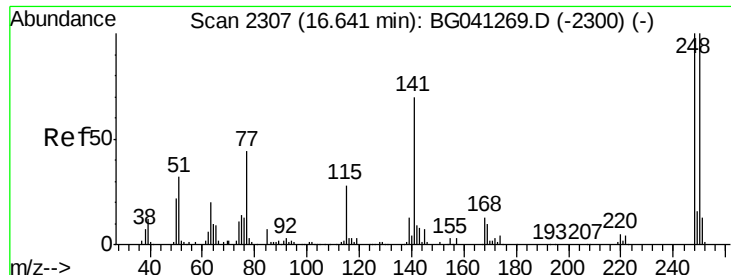


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

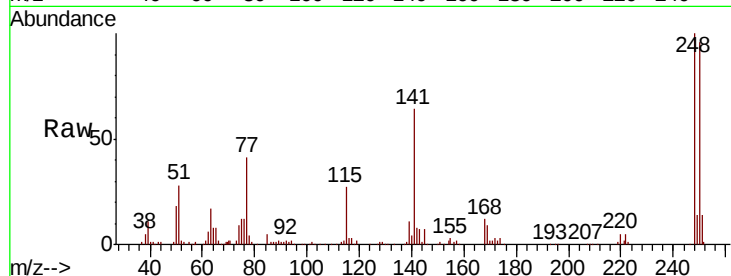




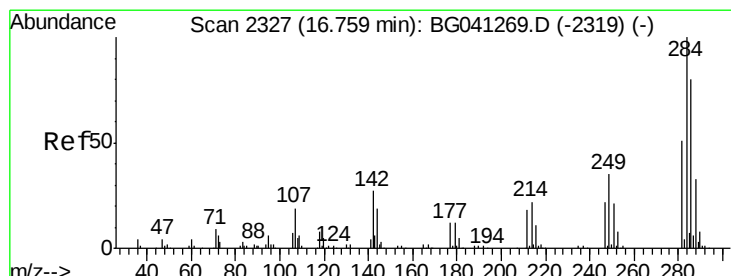
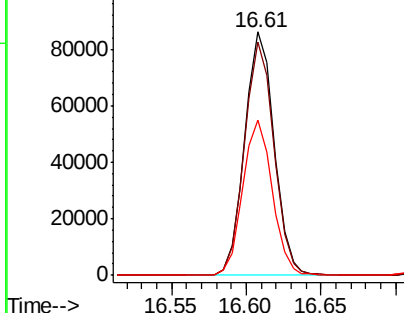
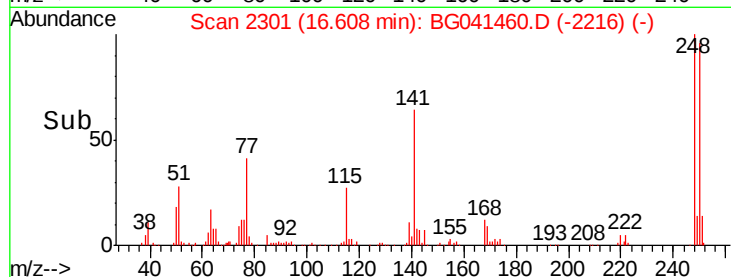
#67
 4-Bromophenyl-phenylether
 Concen: 47.021 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.03 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tgt Ion:248 Resp: 117549
 Ion Ratio Lower Upper
 248 100
 250 95.7 79.8 119.8
 141 64.0 55.8 83.6

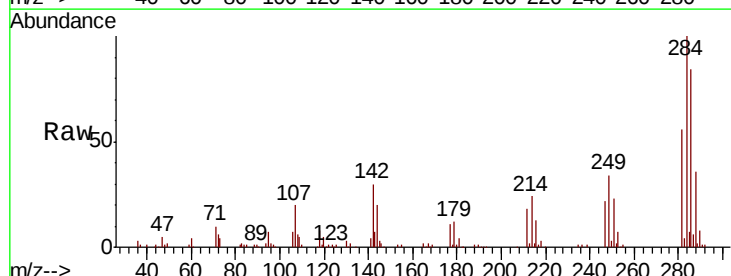


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

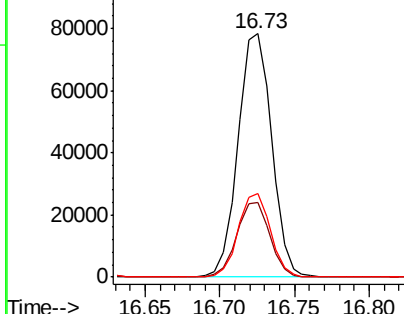
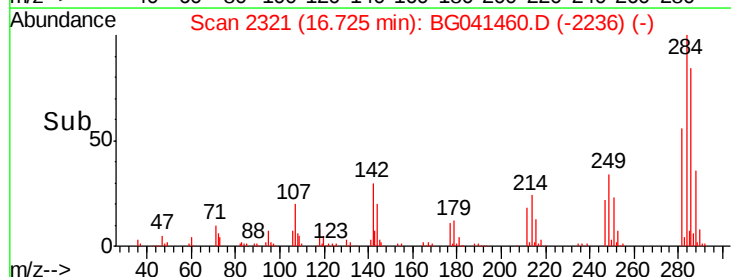


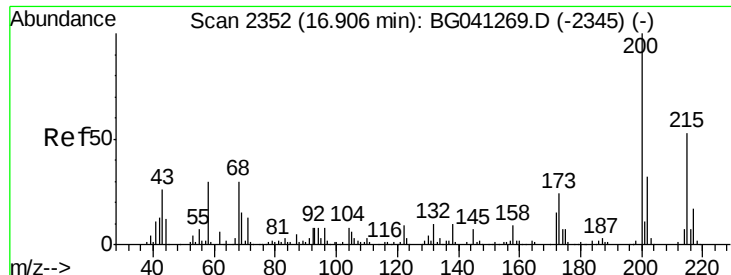
#68
 Hexachlorobenzene
 Concen: 45.620 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.03 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Tgt Ion:284 Resp: 122126
 Ion Ratio Lower Upper
 284 100
 142 30.4 21.8 32.8
 249 34.1 27.8 41.6



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

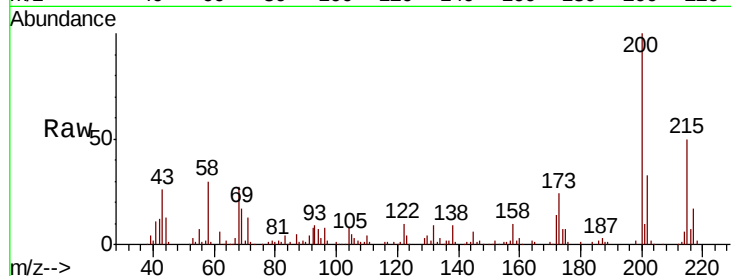




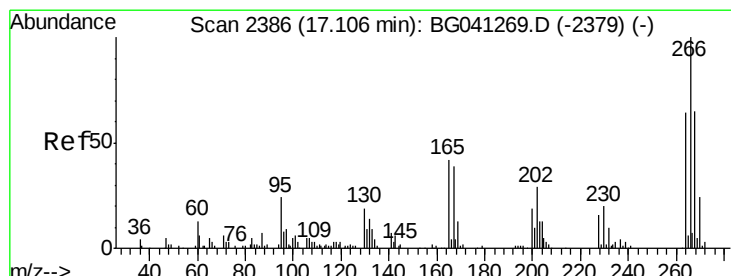
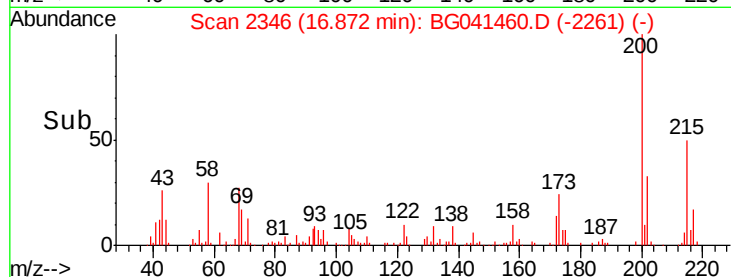
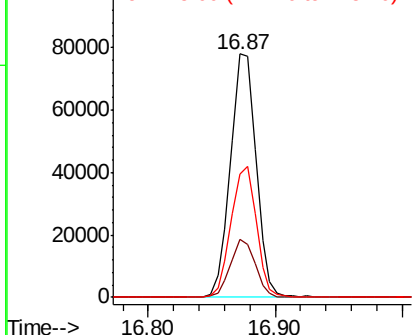
#69
Atrazine
Concen: Below Cal
RT: 16.87 min Scan# 2346
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion:200 Resp: 109147
Ion Ratio Lower Upper
200 100
173 23.6 4.0 44.0
215 50.4 33.4 73.4

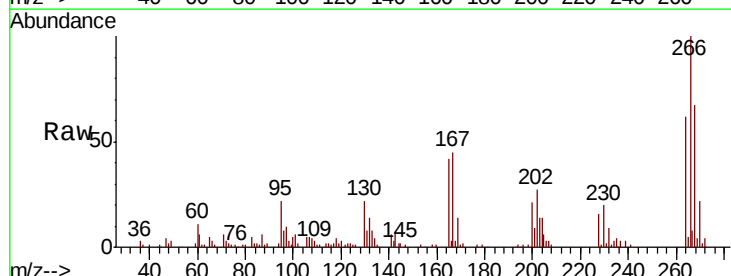


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

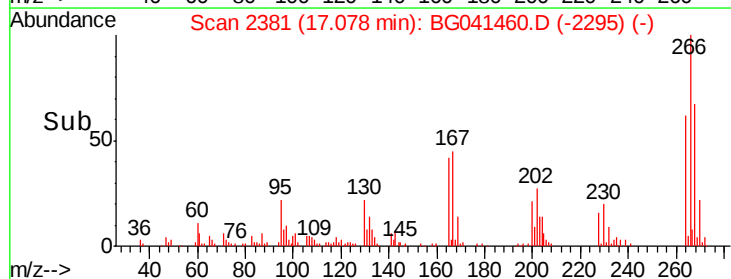
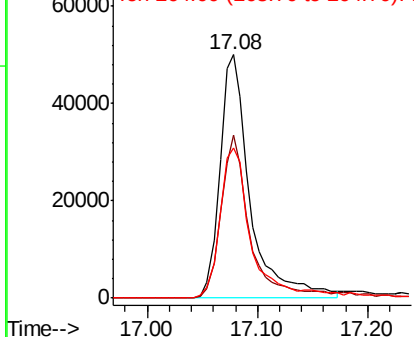


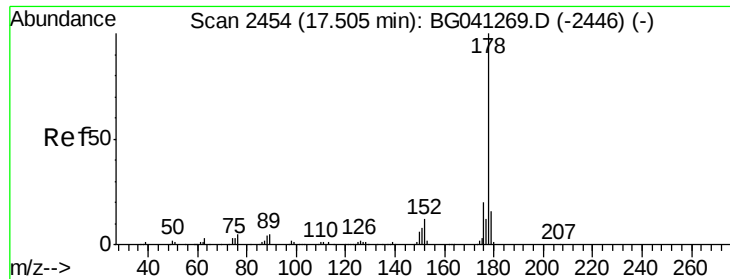
#70
Pentachlorophenol
Concen: 69.814 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion:266 Resp: 95700
Ion Ratio Lower Upper
266 100
268 67.0 52.0 78.0
264 61.8 51.2 76.8



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

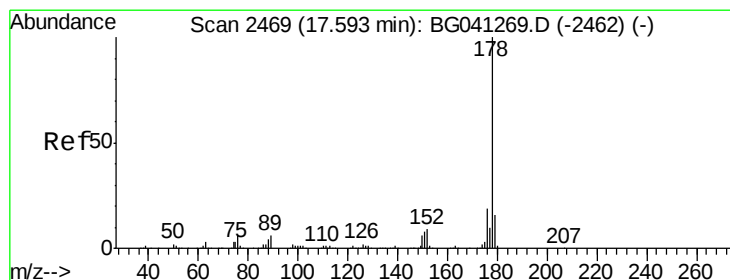
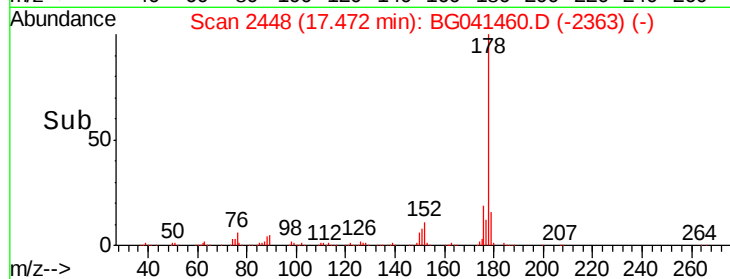
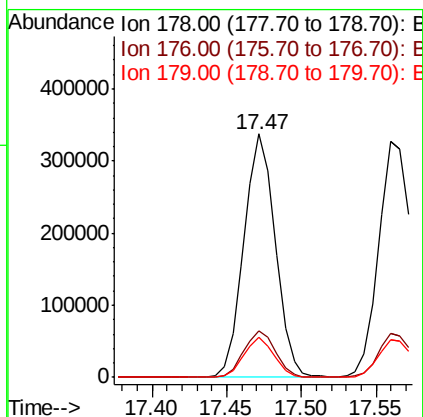
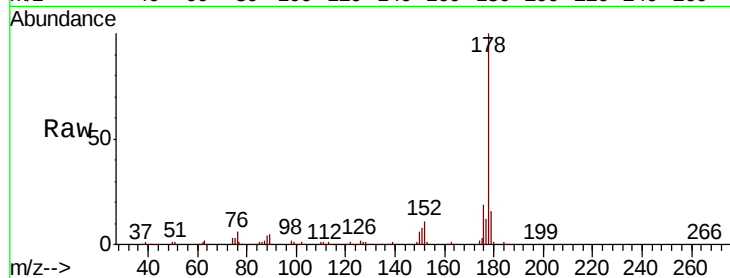




#71
Phenanthrene
Concen: 47.698 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

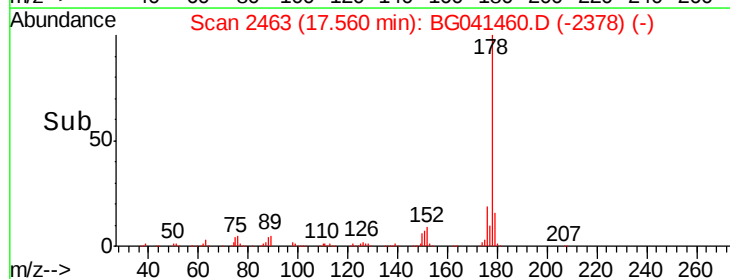
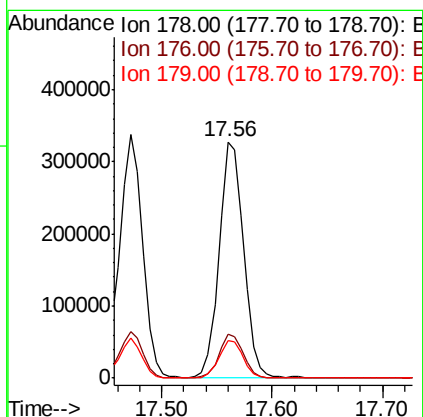
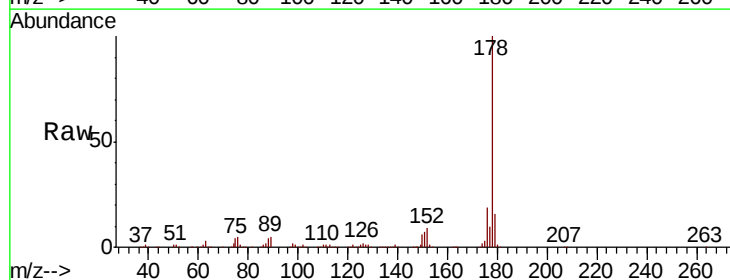
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

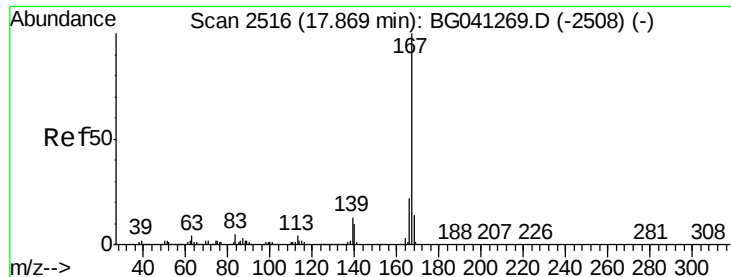
Tgt Ion:178 Resp: 491835
Ion Ratio Lower Upper
178 100
176 19.4 16.1 24.1
179 16.2 12.9 19.3



#72
Anthracene
Concen: 49.714 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.03 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion:178 Resp: 505373
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 16.1 13.0 19.4

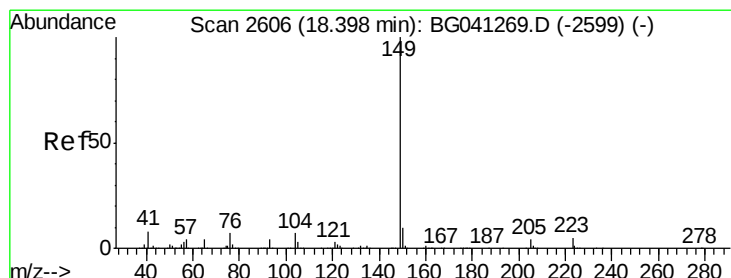
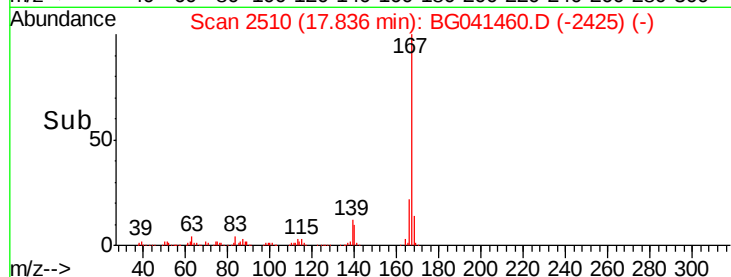
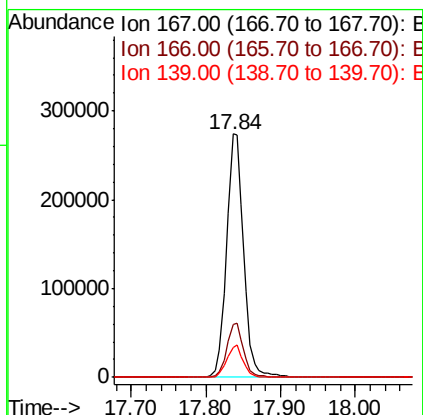
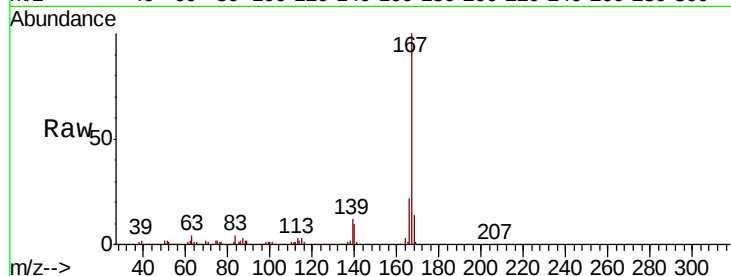




#73
 Carbazole
 Concen: 49.336 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.03 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

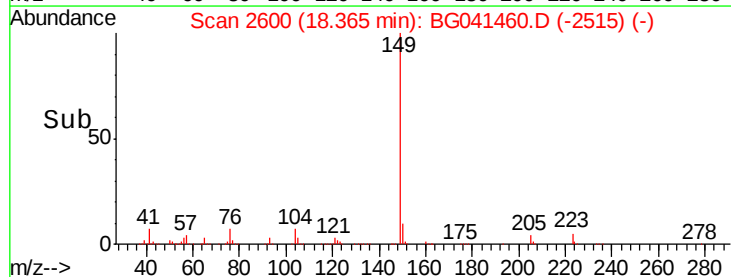
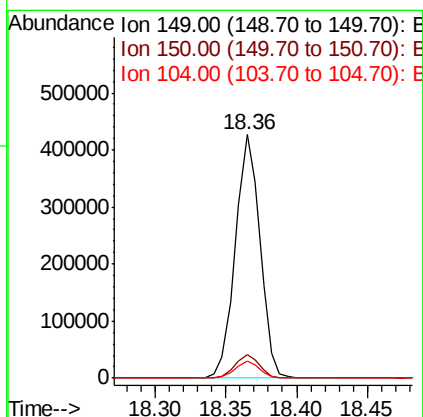
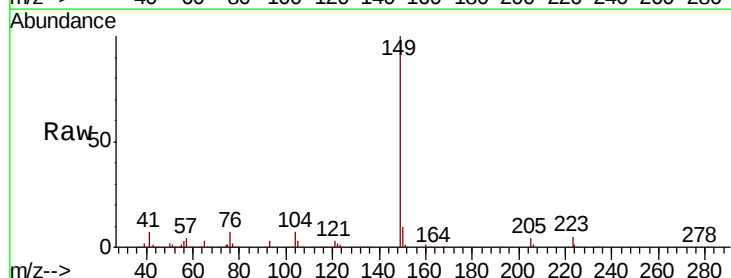
Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

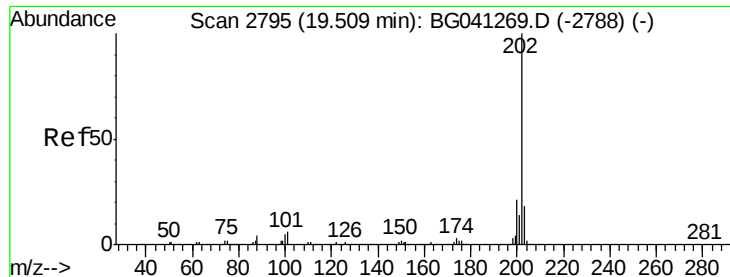
Tgt Ion:167 Resp: 438728
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.9 26.9
 139 12.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 46.897 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.03 min
 Lab File: BG041460.D
 Acq: 26 Jun 2019 1:22

Tgt Ion:149 Resp: 520372
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.1 12.1
 104 6.8 5.4 8.0





#75

Fluoranthene

Concen: 49.311 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

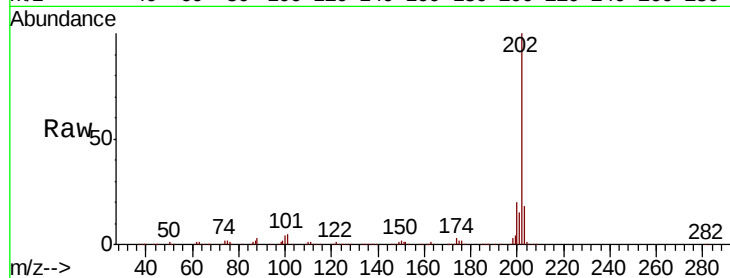
Tgt Ion:202 Resp: 675499

Ion Ratio Lower Upper

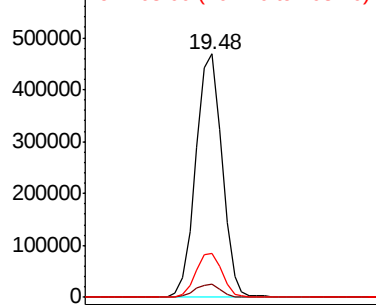
202 100

101 5.5 0.0 26.0

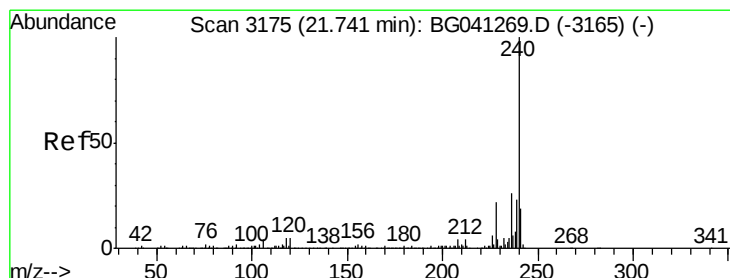
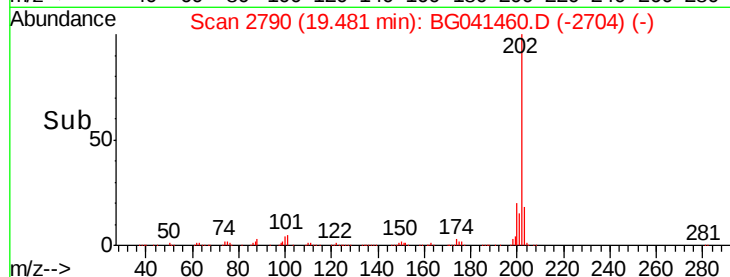
203 17.9 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

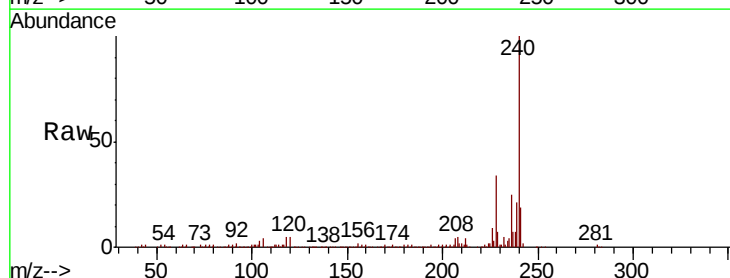
Tgt Ion:240 Resp: 212752

Ion Ratio Lower Upper

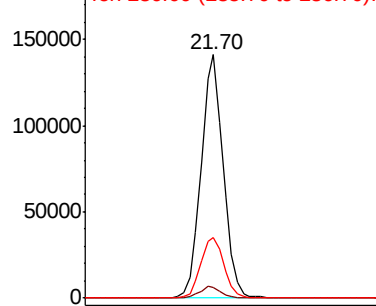
240 100

120 4.6 3.7 5.5

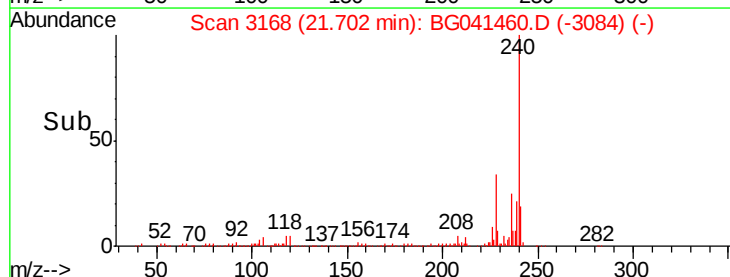
236 24.9 21.1 31.7

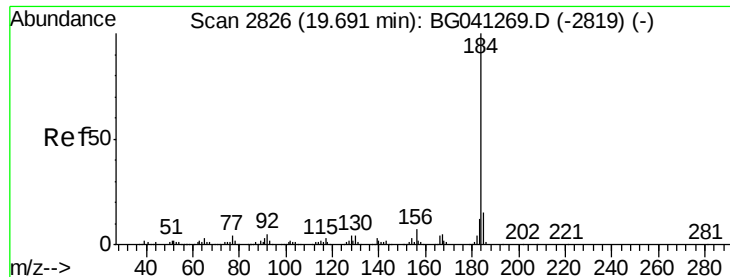


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80





#77

Benzidine

Concen: 11.717 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

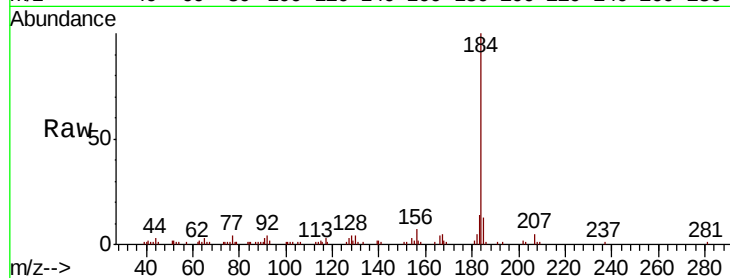
Tgt Ion:184 Resp: 60294

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

183 14.0 9.6 14.4

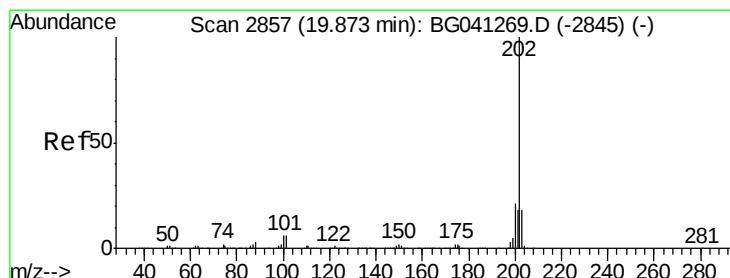
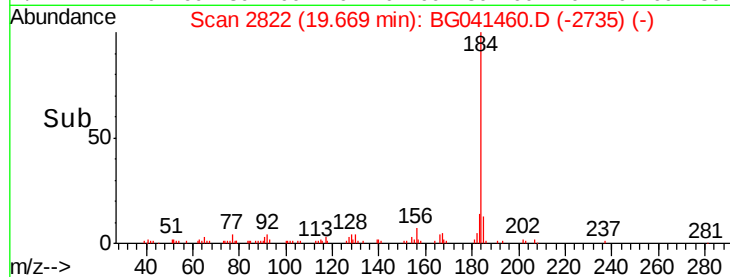
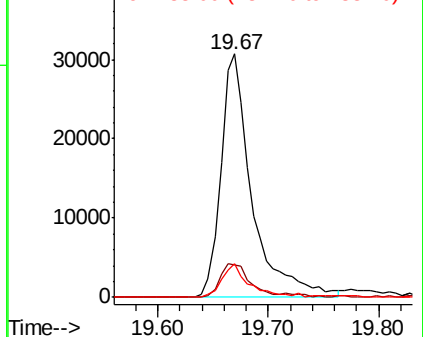


Abundance

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: 48.150 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

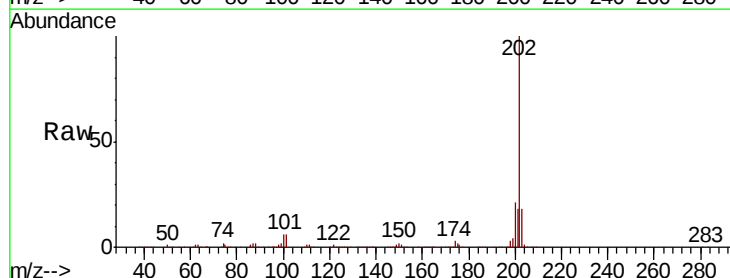
Tgt Ion:202 Resp: 690859

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

203 18.0 14.6 21.8

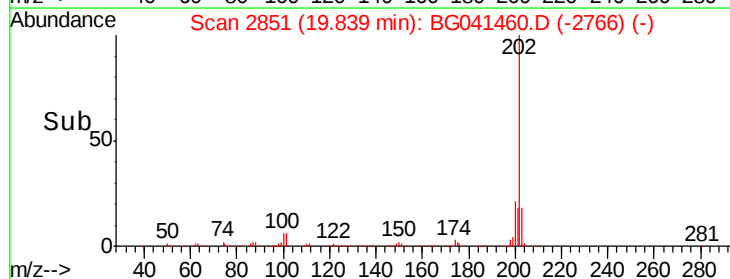
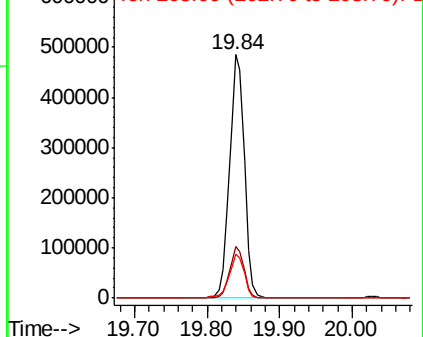


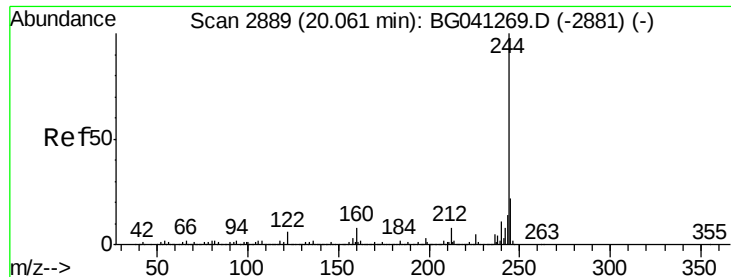
Abundance

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: 100.546 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

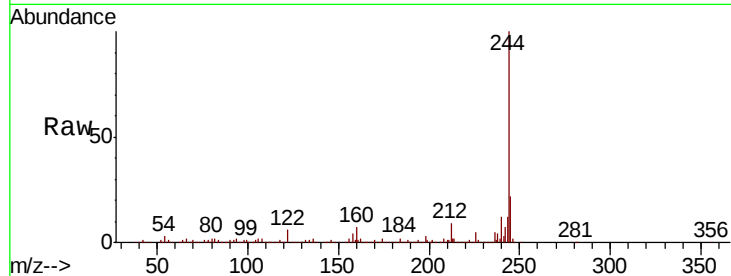
Tgt Ion:244 Resp: 1079389

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

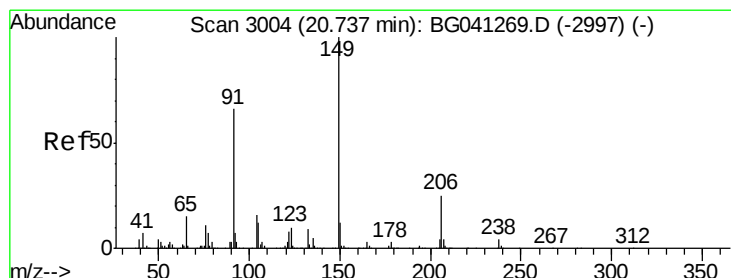
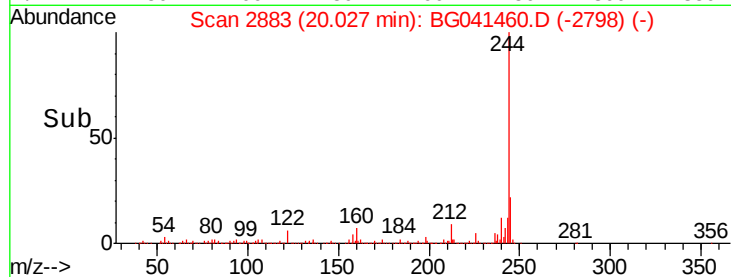
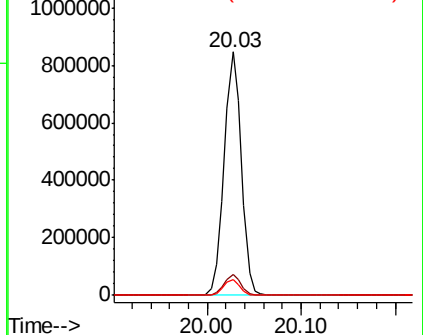
122 6.4 5.0 7.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.865 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.03 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

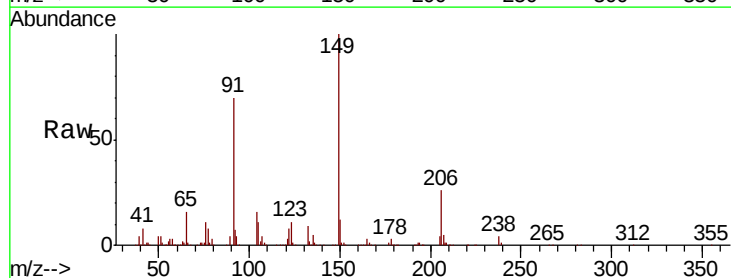
Tgt Ion:149 Resp: 243487

Ion Ratio Lower Upper

149 100

91 69.6 53.2 79.8

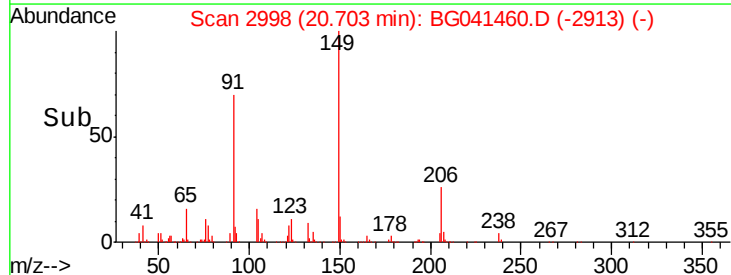
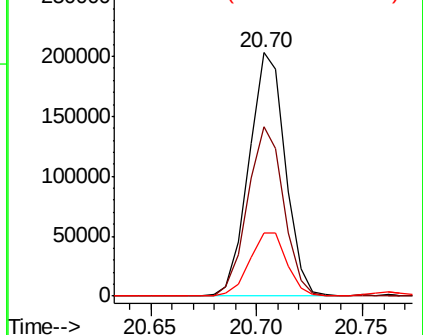
206 25.8 20.3 30.5

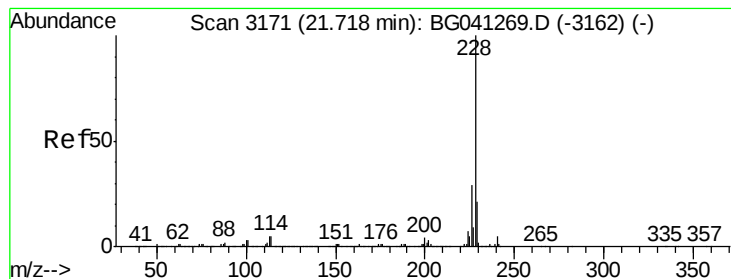


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.755 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampled :

TP-1MSD

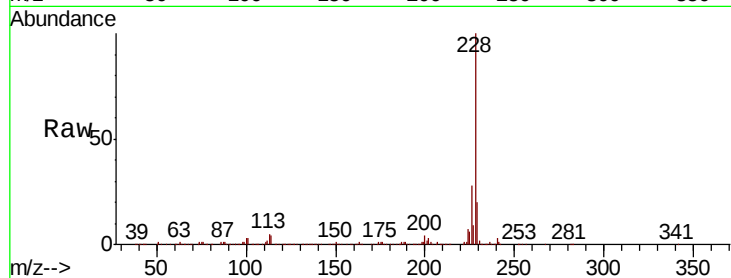
Tgt Ion:228 Resp: 673518

Ion Ratio Lower Upper

228 100

226 27.9 23.2 34.8

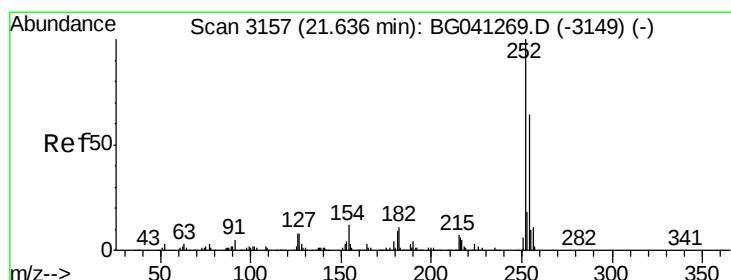
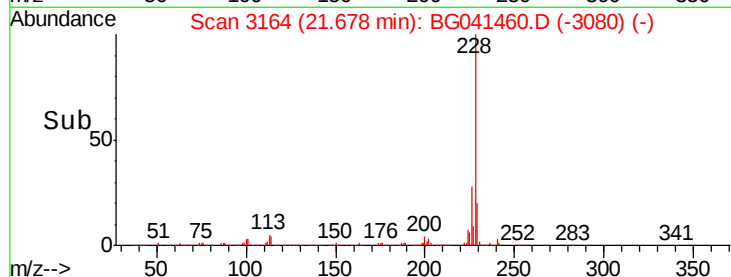
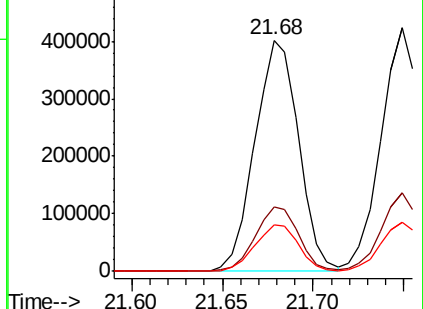
229 20.4 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.424 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

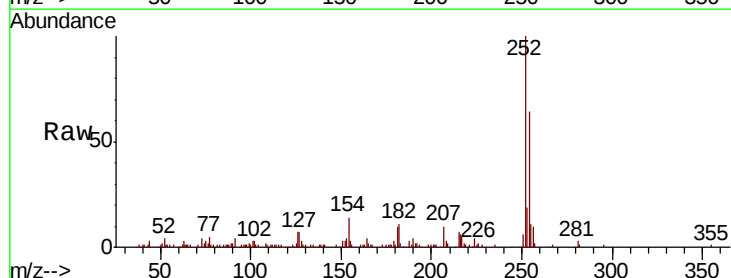
Tgt Ion:252 Resp: 77995

Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.0

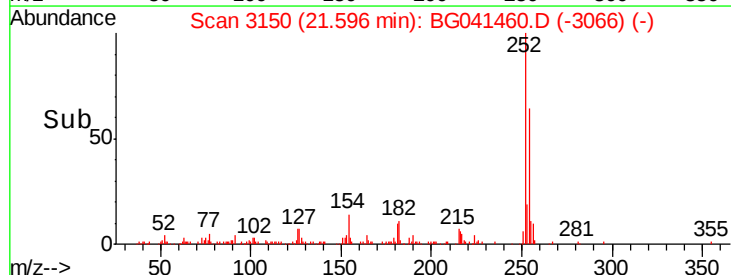
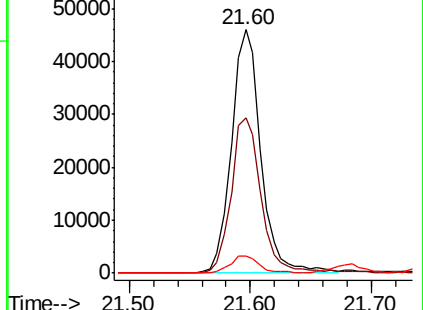
126 7.2 6.0 9.0

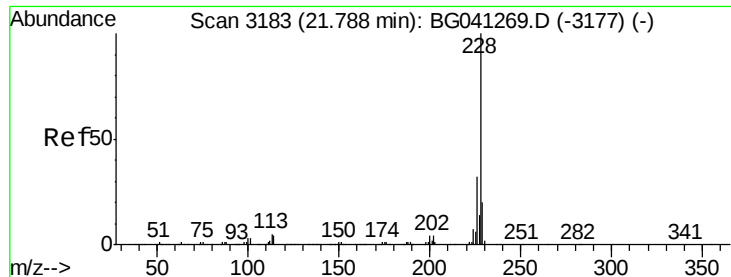


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.338 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampled :

TP-1MSD

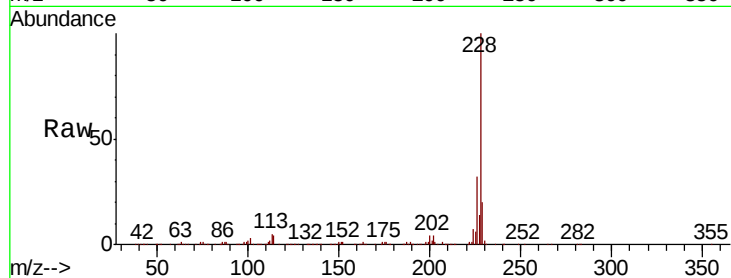
Tgt Ion:228 Resp: 655788

Ion Ratio Lower Upper

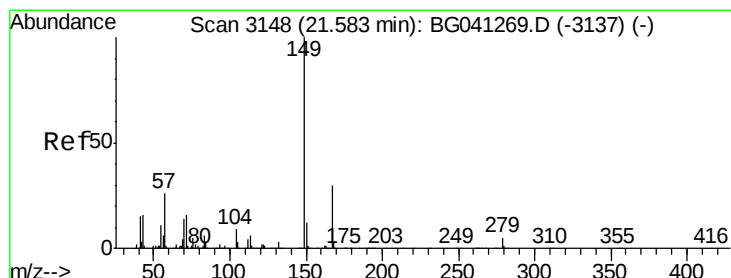
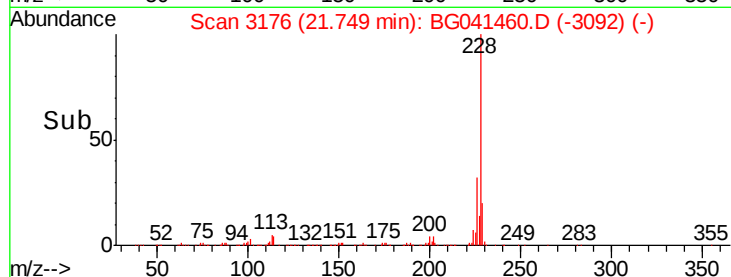
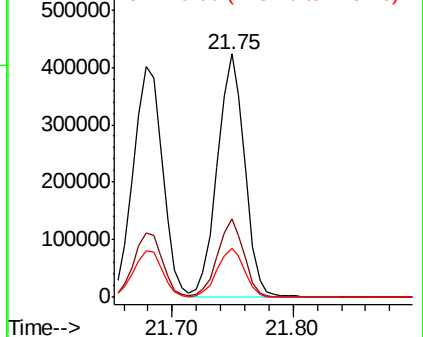
228 100

226 32.1 25.4 38.0

229 20.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.057 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.04 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

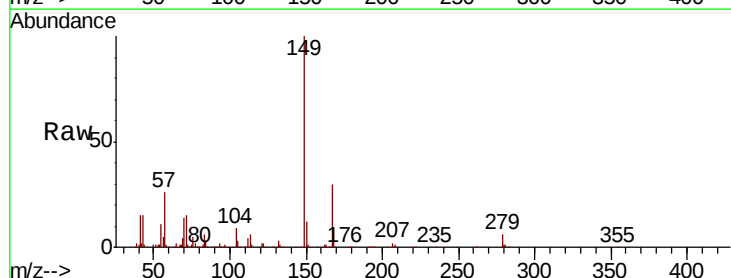
Tgt Ion:149 Resp: 340643

Ion Ratio Lower Upper

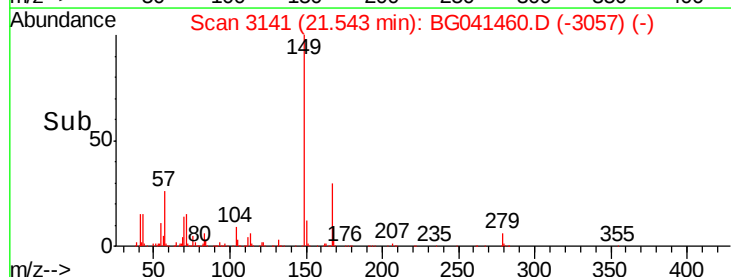
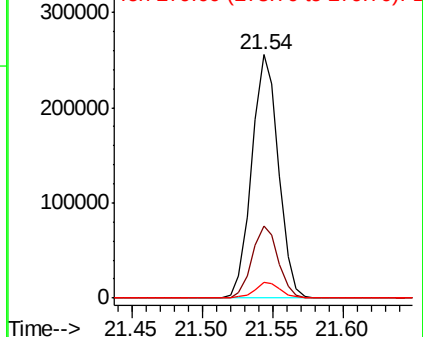
149 100

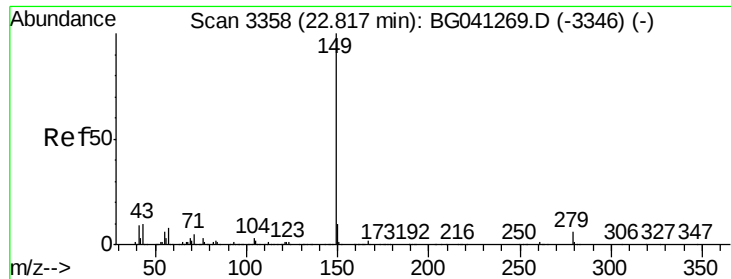
167 29.8 23.8 35.8

279 6.3 4.4 6.6



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





#85

Di-n-octyl phthalate

Concen: 47.147 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.05 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

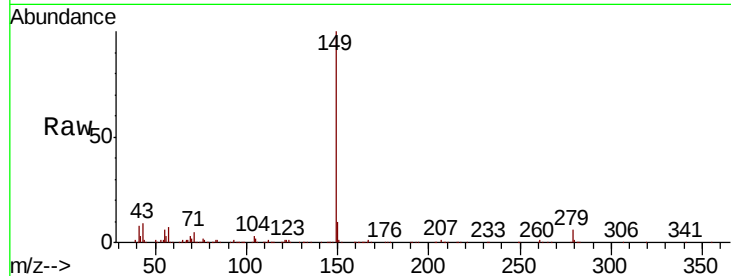
Tgt Ion:149 Resp: 589955

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

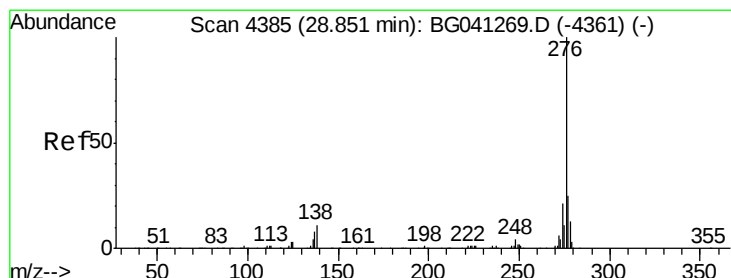
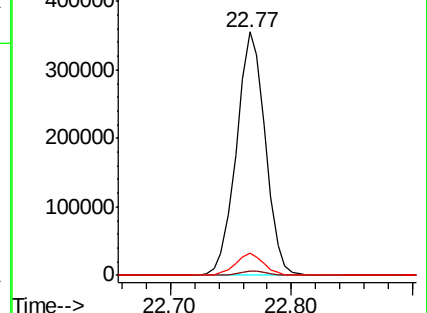
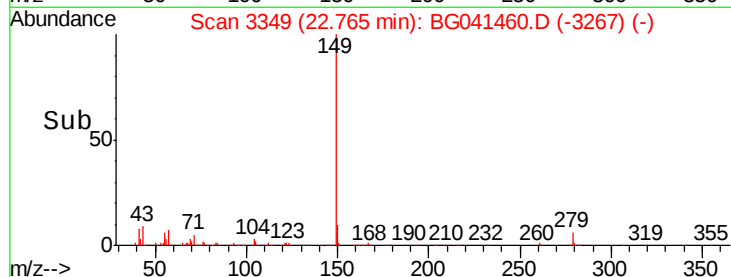
43 8.9 8.2 12.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.606 ng

RT: 28.76 min Scan# 4369

Delta R.T. -0.09 min

Lab File: BG041460.D

Acq: 26 Jun 2019 1:22

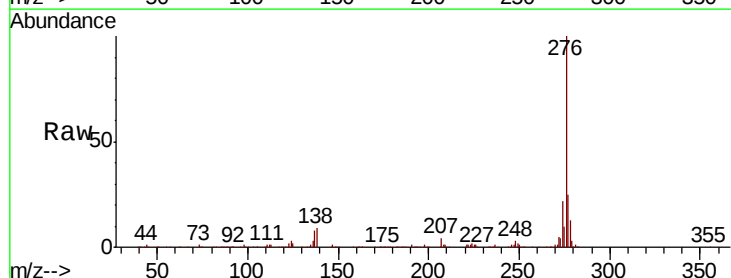
Tgt Ion:276 Resp: 782453

Ion Ratio Lower Upper

276 100

138 5.3 7.7 11.5#

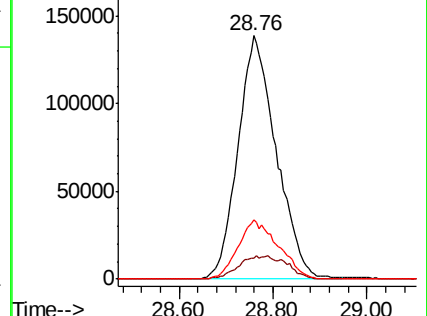
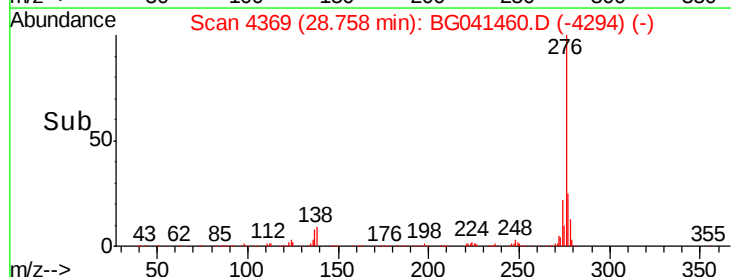
277 25.8 20.6 31.0

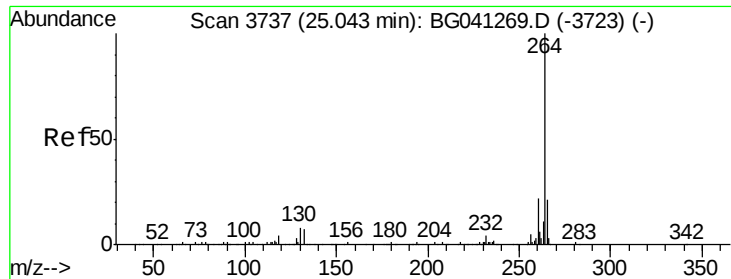


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



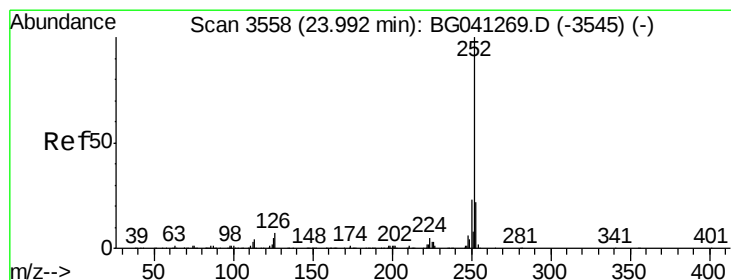
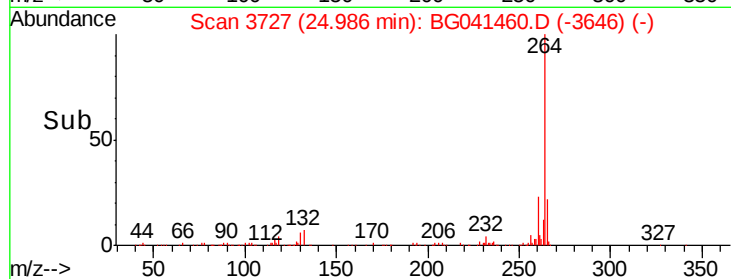
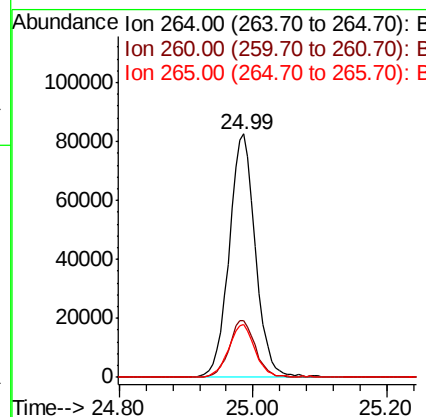
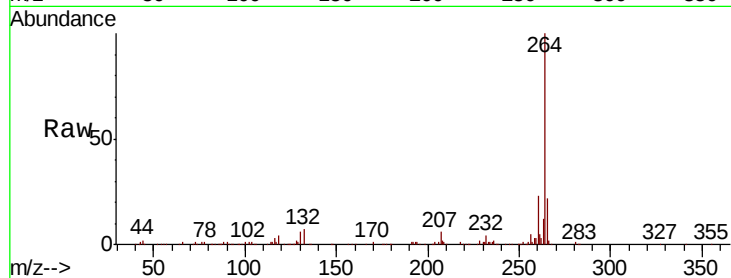


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. -0.06 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tgt Ion: 264 Resp: 227975

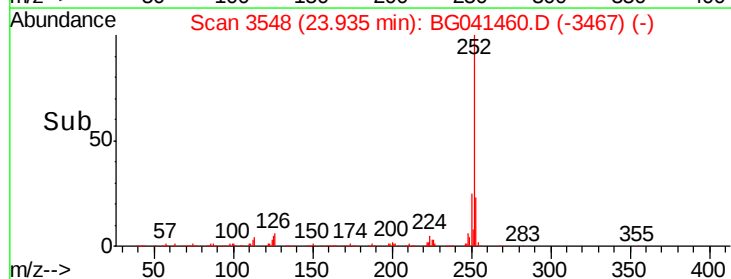
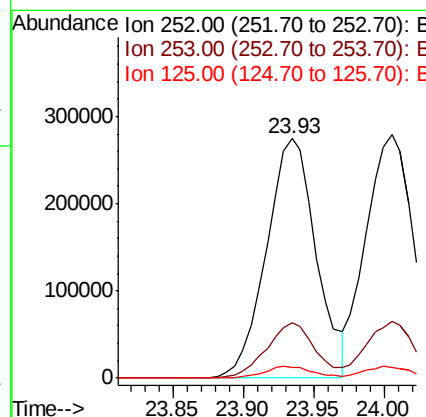
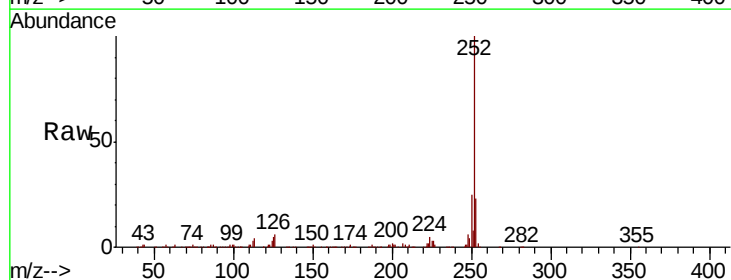
Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.2
265	21.6	17.2	25.8

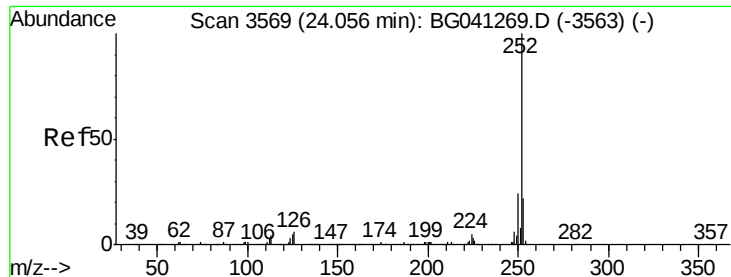


#88
Benzo(b)fluoranthene
Concen: 47.848 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.06 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion: 252 Resp: 676016

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	4.6	3.9	5.9

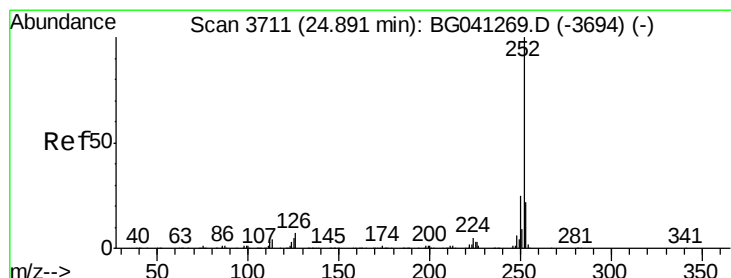
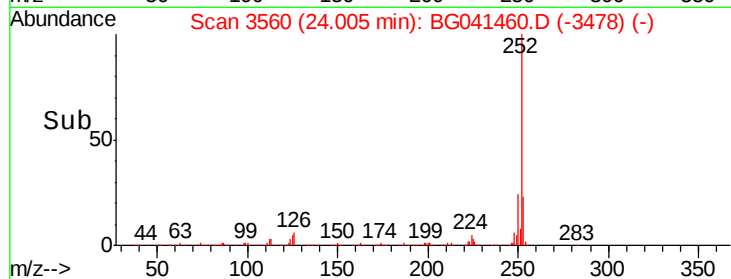
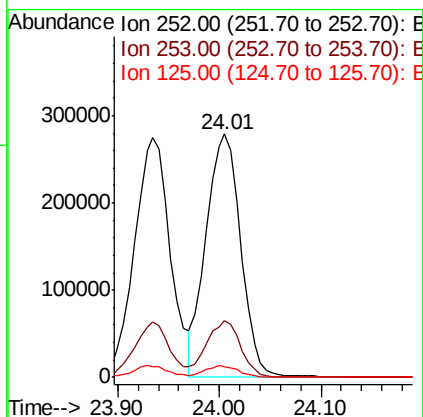
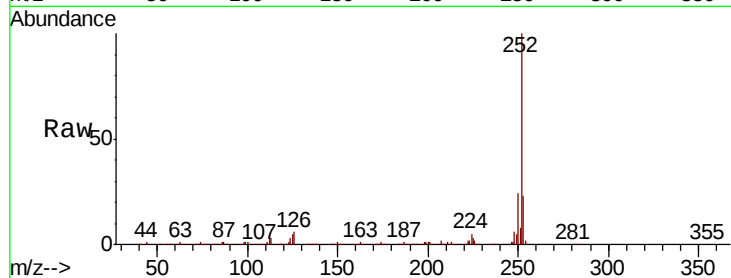




#89
Benzo(k)fluoranthene
Concen: 47.217 ng
RT: 24.01 min Scan# 3560
Delta R.T. -0.05 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

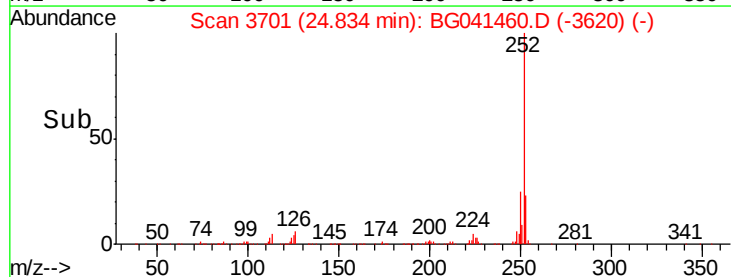
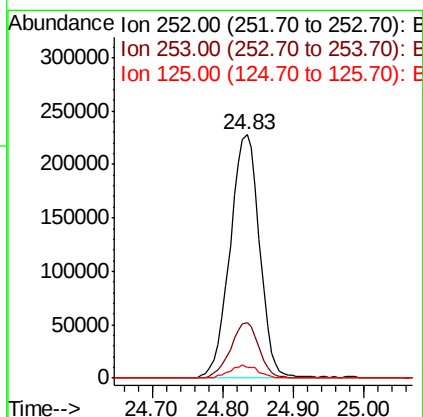
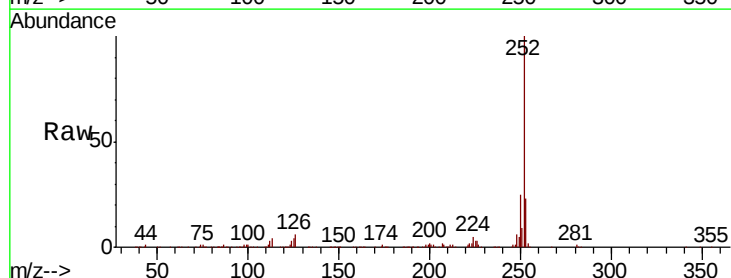
Instrument :
BNA_G
ClientSampleId :
TP-1MSD

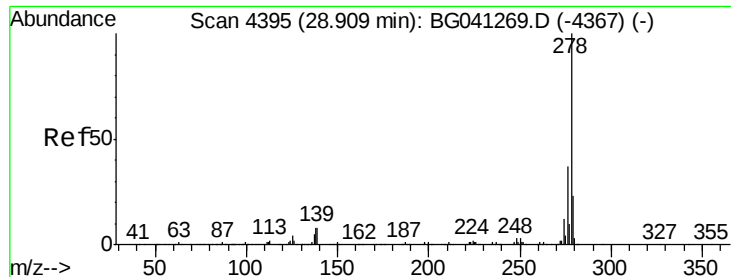
Tgt Ion: 252 Resp: 660859
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 4.6 4.3 6.5



#90
Benzo(a)pyrene
Concen: 49.651 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.06 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion: 252 Resp: 662500
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 4.2 4.2 6.4#



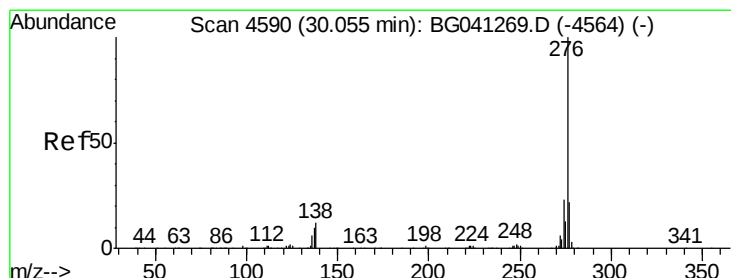
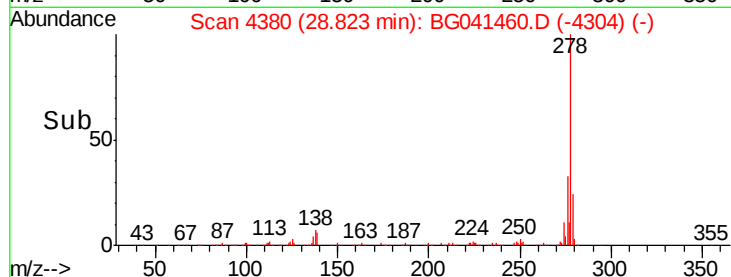
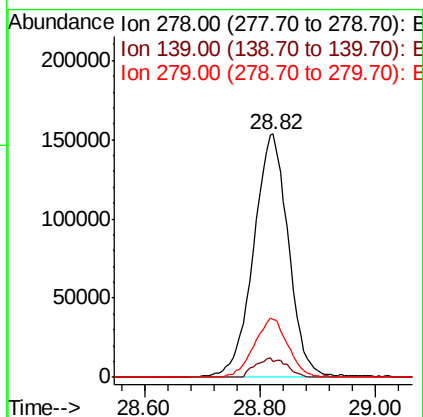
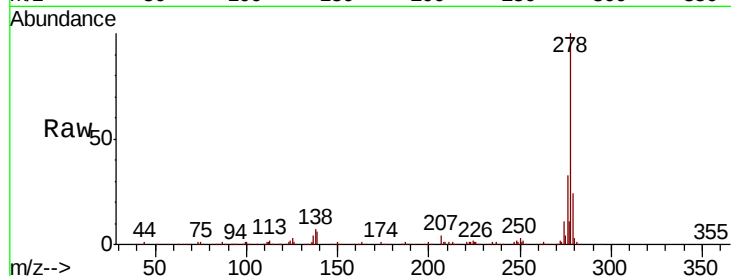


#91
Dibenzo(a,h)anthracene
Concen: 48.223 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.09 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tgt Ion: 278 Resp: 647795

Ion	Ratio	Lower	Upper
278	100		
139	6.3	6.6	10.0#
279	23.9	18.5	27.7



#92
Benzo(g,h,i)perylene
Concen: 48.291 ng
RT: 29.96 min Scan# 4574
Delta R.T. -0.09 min
Lab File: BG041460.D
Acq: 26 Jun 2019 1:22

Tgt Ion: 276 Resp: 641077

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	8.4	9.4	14.0#

