

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
 Data File : BG041442.D
 Acq On : 25 Jun 2019 4:11
 Operator : HP/JU
 Sample : K3500-02MSD
 Misc : MDL-WATER-8.0PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Quant Time: Jun 25 05:11:25 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	30909	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	124740	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	88859	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	216921	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	213194	20.00	ng	-0.03
87) Perylene-d12	24.99	264	166201	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	168686	100.28	ng	-0.04
7) Phenol-d6	7.20	99	262468	107.64	ng	-0.03
23) Nitrobenzene-d5	9.22	82	189542	63.90	ng	-0.04
42) 2,4,6-Tribromophenol	16.18	330	141580	103.78	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	454279	69.48	ng	-0.03
79) Terphenyl-d14	20.03	244	756003	70.28	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	16371	19.408 ng	97
3) Pyridine	3.84	79	22359	9.992 ng	95
4) n-Nitrosodimethylamine	3.76	42	29393	24.630 ng	# 89
6) Aniline	7.37	93	19316	5.699 ng	95
8) 2-Chlorophenol	7.61	128	64368	32.565 ng	92
9) Benzaldehyde	7.18	77	50478	32.366 ng	98
10) Phenol	7.23	94	84054	32.056 ng	94
11) bis(2-Chloroethyl)ether	7.46	93	56036	28.165 ng	95
12) 1,3-Dichlorobenzene	7.93	146	69500	28.082 ng	92
13) 1,4-Dichlorobenzene	8.08	146	69525	27.501 ng	91
14) 1,2-Dichlorobenzene	8.40	146	70299	29.113 ng	95
15) Benzyl Alcohol	8.29	79	64340	27.540 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	76788	23.577 ng	97
17) 2-Methylphenol	8.49	107	58448	31.179 ng	98
18) Hexachloroethane	9.12	117	24823	24.778 ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	54156	27.461 ng	98
20) 3+4-Methylphenols	8.82	107	80069	32.085 ng	93
22) Acetophenone	8.88	105	106692	29.392 ng	96
24) Nitrobenzene	9.27	77	90876	30.464 ng	94
25) Isophorone	9.78	82	155401	28.558 ng	96
26) 2-Nitrophenol	9.98	139	36904	30.515 ng	99
27) 2,4-Dimethylphenol	10.03	122	64635	35.655 ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	81639	28.794 ng	95
29) 2,4-Dichlorophenol	10.52	162	77629	34.537 ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	89784	31.189 ng	99
31) Naphthalene	10.92	128	211774	31.238 ng	99
32) Benzoic acid	10.15	122	11385	9.648 ng	91
33) 4-Chloroaniline	11.04	127	22521	7.822 ng	92
34) Hexachlorobutadiene	11.17	225	64018	28.016 ng	99
35) Caprolactam	11.82	113	15637	20.208 ng	# 74
36) 4-Chloro-3-methylphenol	12.15	107	81404	31.354 ng	97
37) 2-Methylnaphthalene	12.52	142	158995	31.842 ng	97
38) 1-Methylnaphthalene	12.74	142	151249	31.660 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	121619	33.145 ng	99

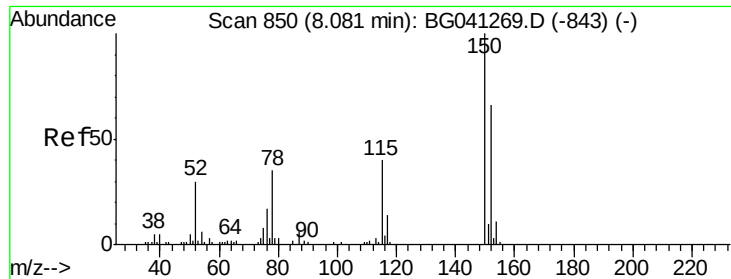
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
 Data File : BG041442.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	58374	23.618	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	74476	32.811	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	77523	33.193	ng	95
46) 1,1'-Biphenyl	13.52	154	213090	31.721	ng	99
47) 2-Chloronaphthalene	13.57	162	182043	31.476	ng	100
48) 2-Nitroaniline	13.78	65	61772	29.163	ng	98
49) Acenaphthylene	14.41	152	281403	32.064	ng	99
50) Dimethylphthalate	14.14	163	300020	37.947	ng	100
51) 2,6-Dinitrotoluene	14.27	165	50473	30.276	ng	90
52) Acenaphthene	14.75	154	162341	31.501	ng	98
53) 3-Nitroaniline	14.61	138	30030	18.283	ng	# 94
54) 2,4-Dinitrophenol	14.82	184	17215	18.337	ng	96
55) Dibenzofuran	15.08	168	285475	31.860	ng	99
56) 4-Nitrophenol	14.92	139	73355	59.642	ng	94
57) 2,4-Dinitrotoluene	15.06	165	66669	27.358	ng	98
58) Fluorene	15.73	166	221523	31.428	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	79355	32.857	ng	# 99
60) Diethylphthalate	15.49	149	234107	29.132	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	139865	30.498	ng	98
62) 4-Nitroaniline	15.77	138	43712	24.883	ng	99
63) Azobenzene	16.01	77	210646	29.382	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	18814	13.362	ng	93
66) n-Nitrosodiphenylamine	15.94	169	194858	33.831	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	91225	32.524	ng	91
68) Hexachlorobenzene	16.73	284	94096	31.328	ng	94
69) Atrazine	16.88	200	81061	36.250	ng	95
70) Pentachlorophenol	17.08	266	105084	68.326	ng	100
71) Phenanthrene	17.48	178	371430	32.105	ng	98
72) Anthracene	17.57	178	375721	32.942	ng	99
73) Carbazole	17.84	167	320908	32.163	ng	99
74) Di-n-butylphthalate	18.37	149	381391	30.635	ng	98
75) Fluoranthene	19.48	202	478541	31.135	ng	99
77) Benzidine	19.67	184	67247	13.041	ng	97
78) Pyrene	19.85	202	486333	33.825	ng	100
80) Butylbenzylphthalate	20.71	149	173075	31.825	ng	97
81) Benzo(a)anthracene	21.69	228	452077	31.318	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	112266	22.155	ng	96
83) Chrysene	21.75	228	481123	34.658	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	247105	33.341	ng	96
85) Di-n-octyl phthalate	22.77	149	414954	33.093	ng	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	308135	18.709	ng	# 95
88) Benzo(b)fluoranthene	23.94	252	335852	32.607	ng	98
89) Benzo(k)fluoranthene	24.01	252	384364	37.669	ng	99
90) Benzo(a)pyrene	24.83	252	342836	35.244	ng	99
91) Dibenzo(a,h)anthracene	28.83	278	243361	24.850	ng	99
92) Benzo(g,h,i)perylene	29.95	276	199351	20.598	ng	# 96

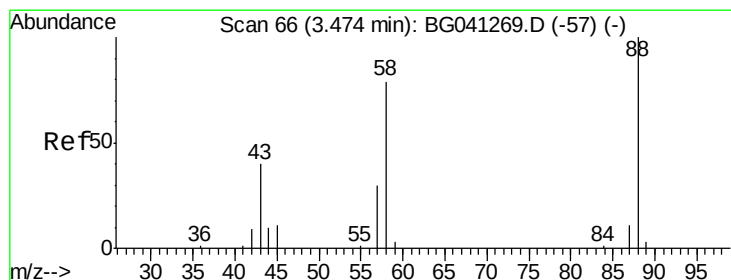
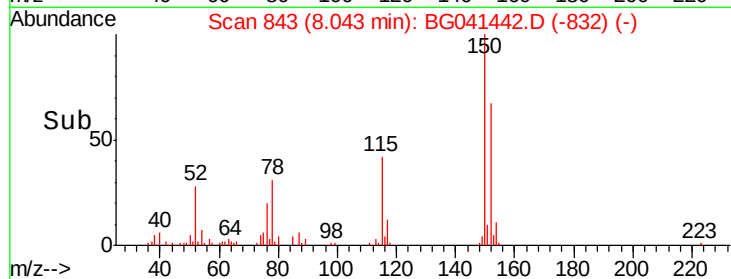
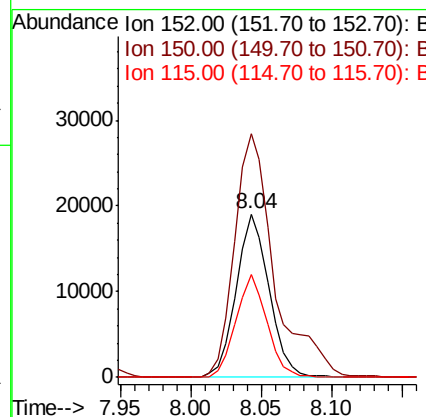
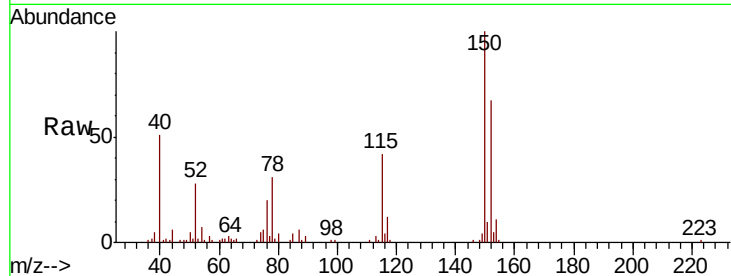
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.04 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

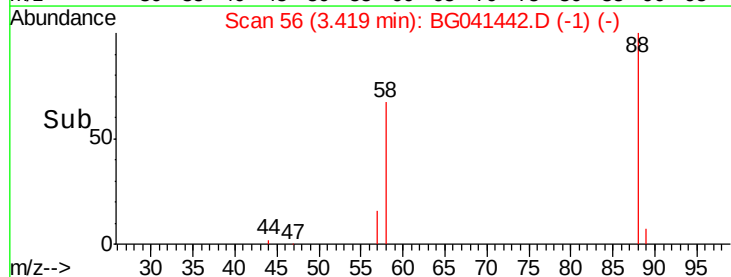
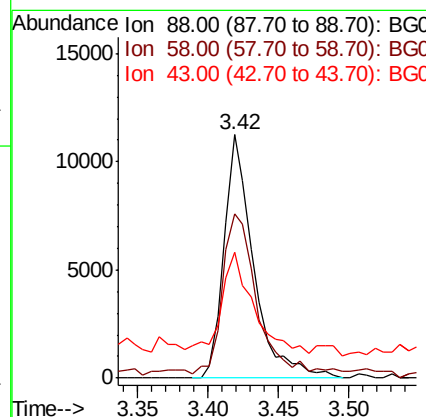
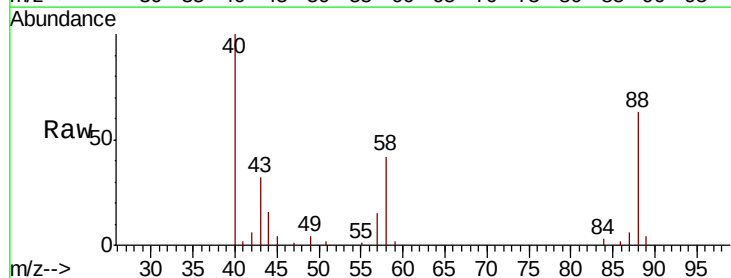
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

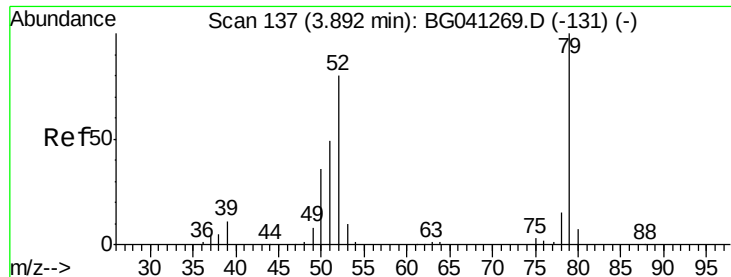
Tgt Ion:152 Resp: 30909
 Ion Ratio Lower Upper
 152 100
 150 148.9 120.6 181.0
 115 62.6 47.9 71.9



#2
 1,4-Dioxane
 Concen: 19.408 ng
 RT: 3.42 min Scan# 56
 Delta R.T. -0.06 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion: 88 Resp: 16371
 Ion Ratio Lower Upper
 88 100
 58 75.0 59.7 89.5
 43 45.3 31.9 47.9





#3

Pyridine

Concen: 9.992 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.05 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

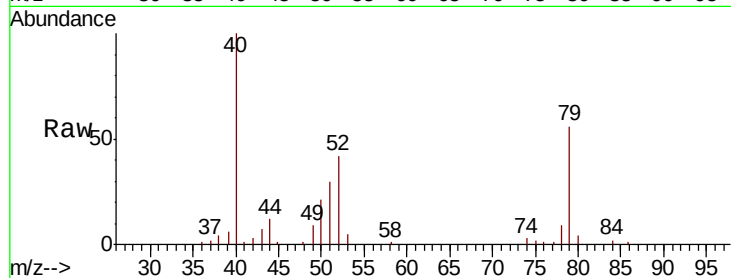
Tgt Ion: 79 Resp: 22359

Ion Ratio Lower Upper

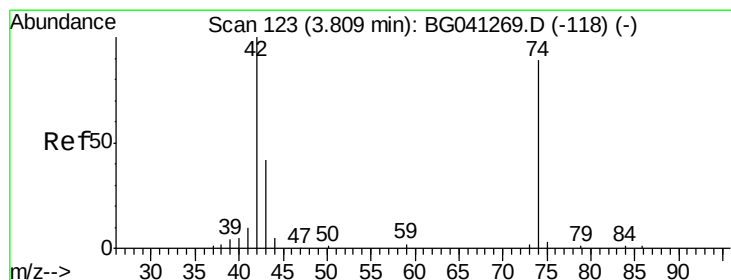
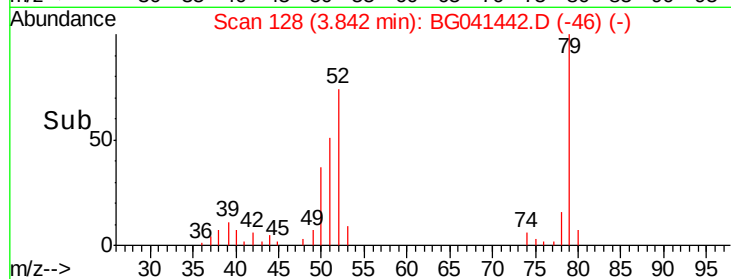
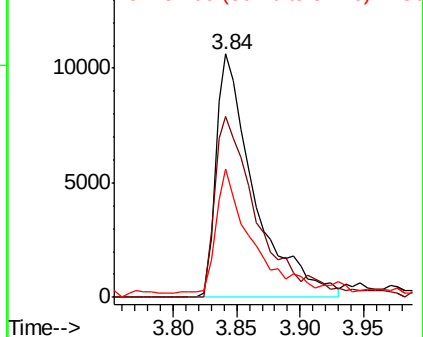
79 100

52 74.2 63.6 95.4

51 52.7 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: 24.630 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.05 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

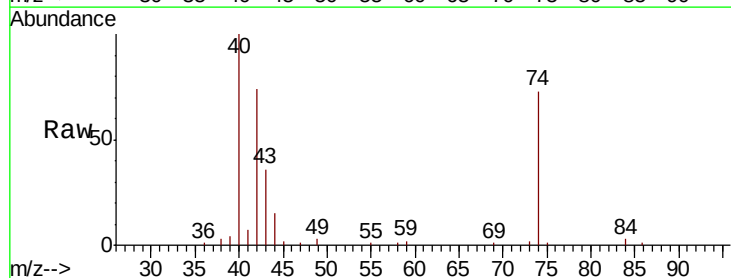
Tgt Ion: 42 Resp: 29393

Ion Ratio Lower Upper

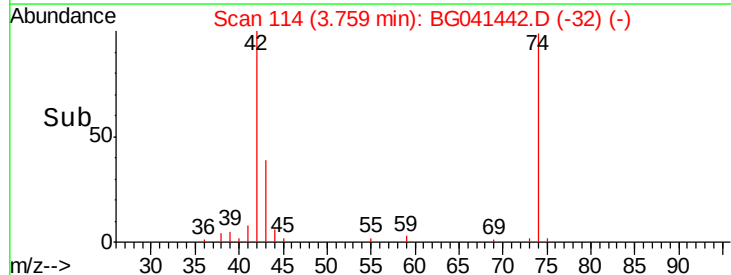
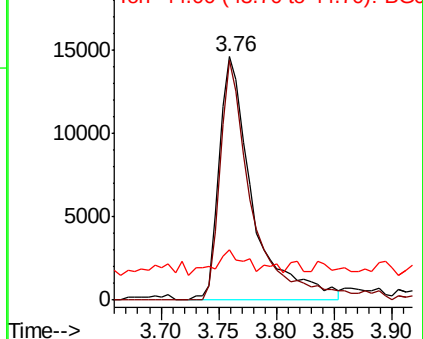
42 100

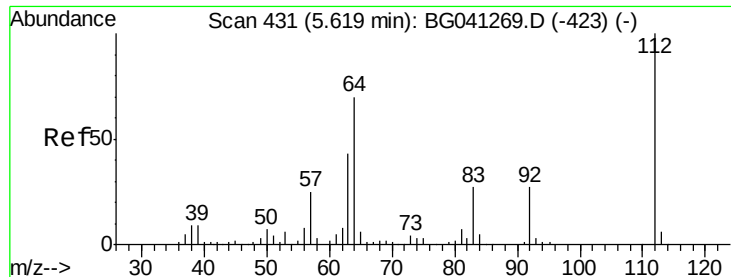
74 98.5 71.6 107.4

44 20.5 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: 100.277 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.04 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

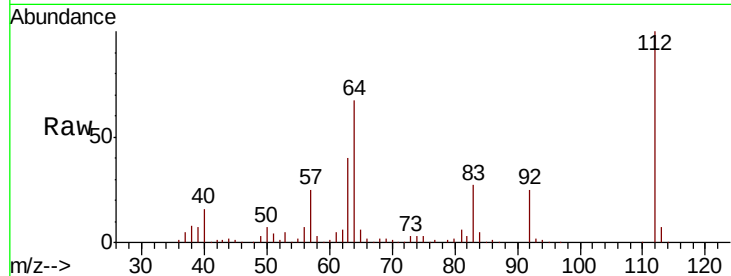
Instrument :

BNA_G

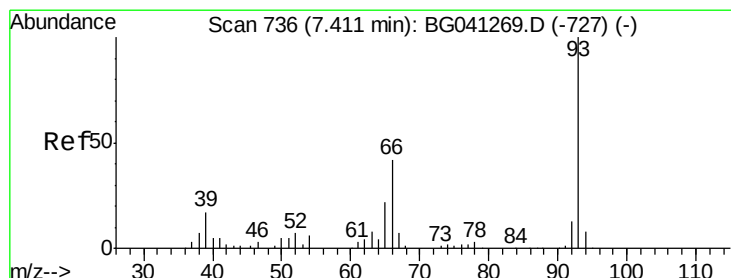
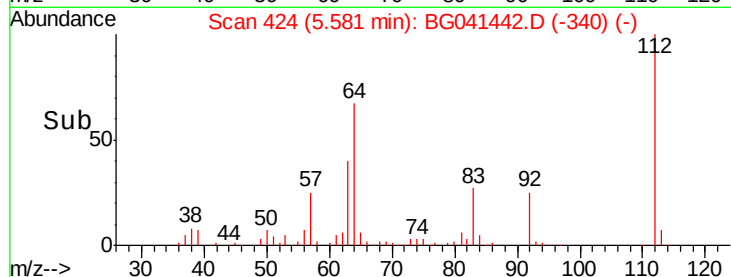
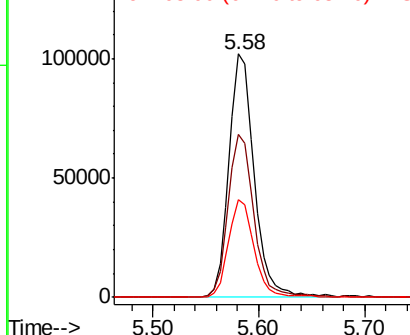
ClientSampleId :

B-2(9-10)MSD

Tgt Ion:	112	Resp:	168686
Ion	Ratio	Lower	Upper
112	100		
64	67.0	55.9	83.9
63	39.9	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: 5.699 ng

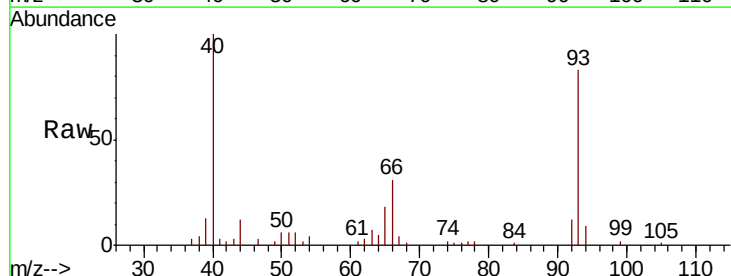
RT: 7.37 min Scan# 729

Delta R.T. -0.04 min

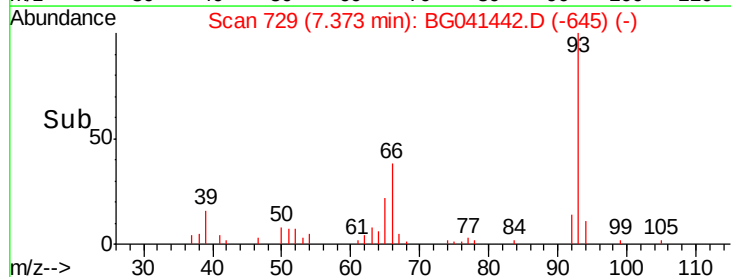
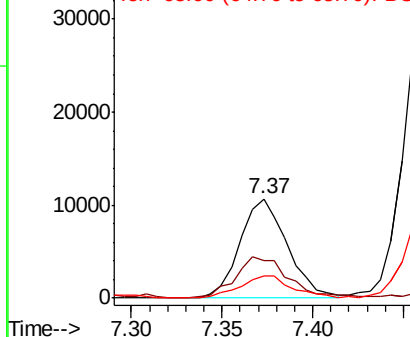
Lab File: BG041442.D

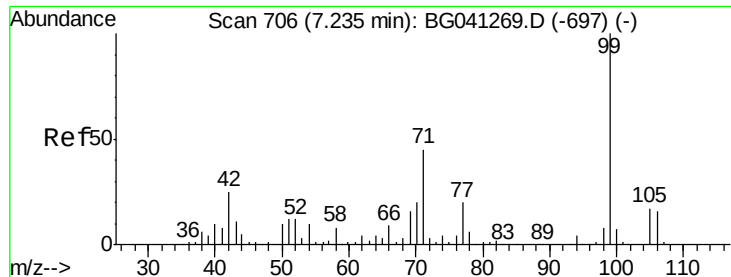
Acq: 25 Jun 2019 4:11

Tgt Ion:	93	Resp:	19316
Ion	Ratio	Lower	Upper
93	100		
66	37.9	34.2	51.2
65	22.4	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: 107.641 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

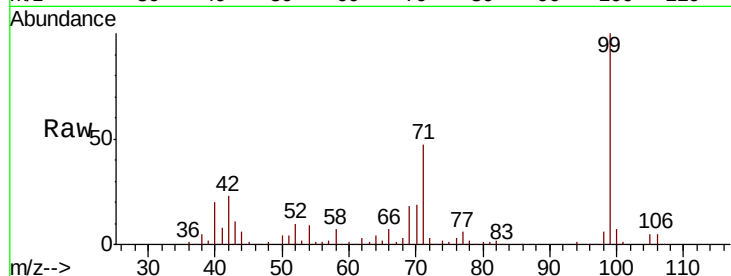
Tgt Ion: 99 Resp: 262468

Ion Ratio Lower Upper

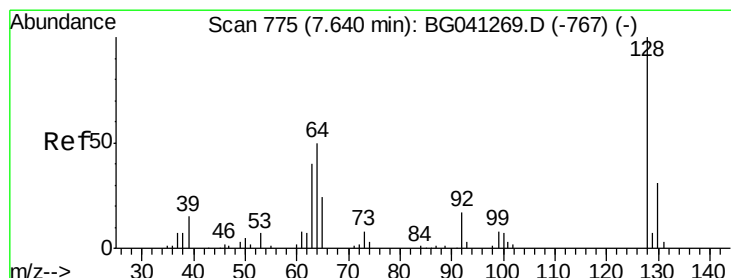
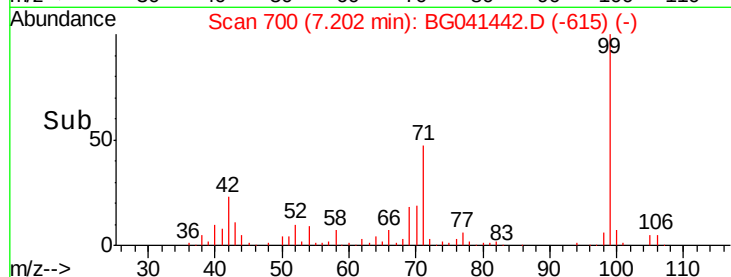
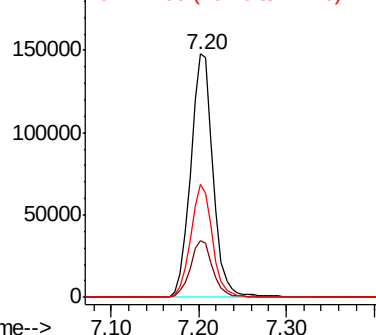
99 100

42 23.4 19.9 29.9

71 46.6 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: 32.565 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

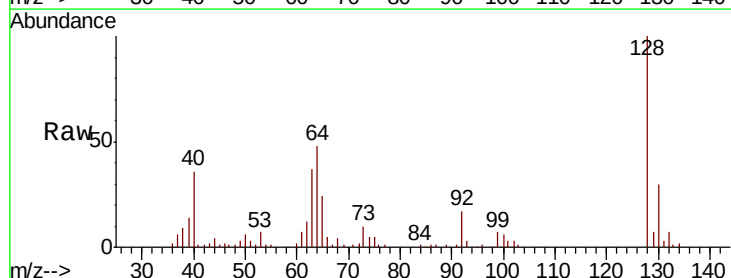
Tgt Ion: 128 Resp: 64368

Ion Ratio Lower Upper

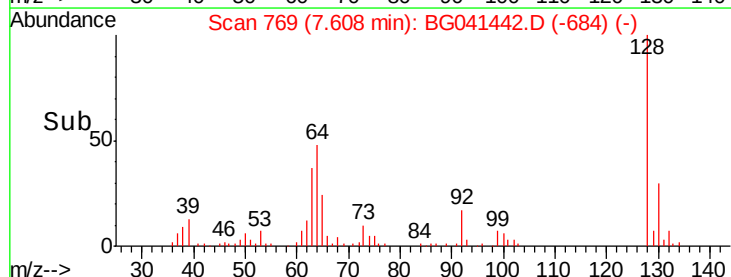
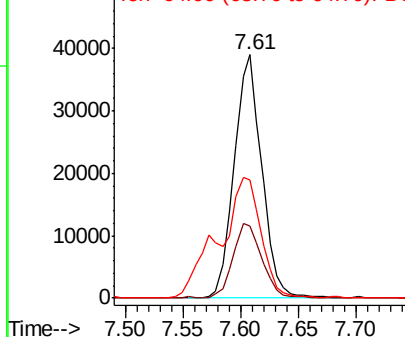
128 100

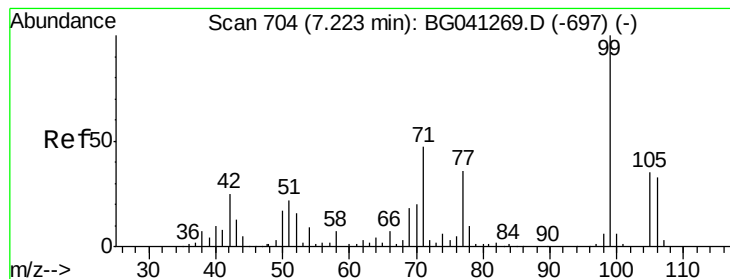
130 29.6 11.1 51.1

64 48.4 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: 32.366 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.04 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

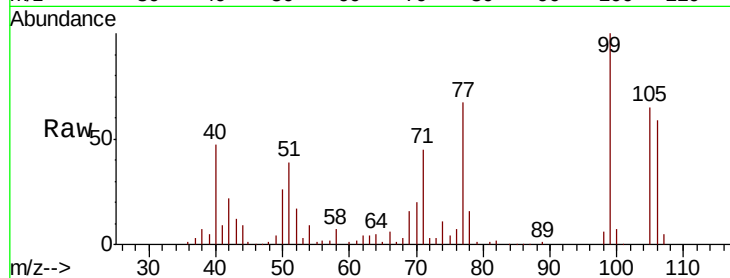
Tgt Ion: 77 Resp: 50478

Ion Ratio Lower Upper

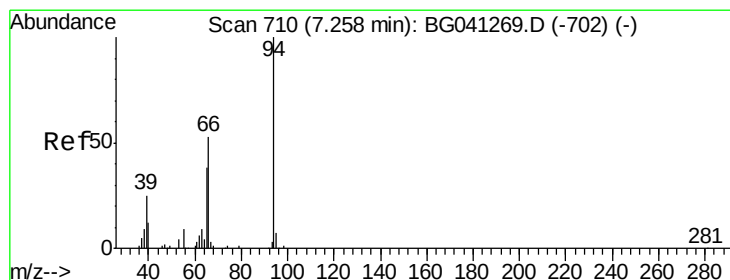
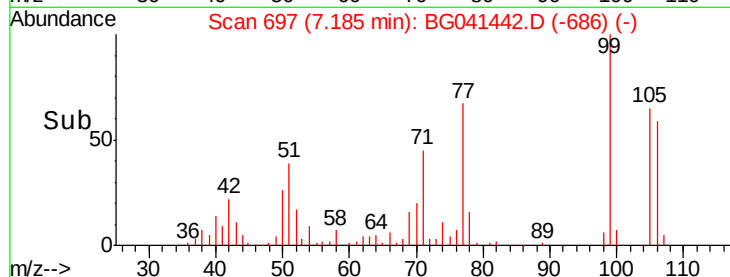
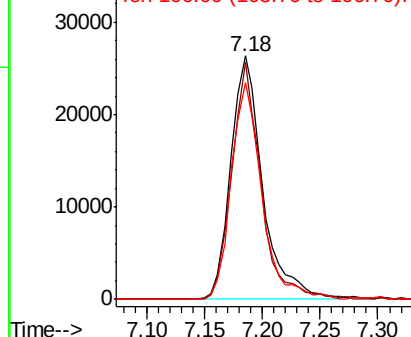
77 100

105 97.2 78.7 118.7

106 88.8 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: 32.056 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

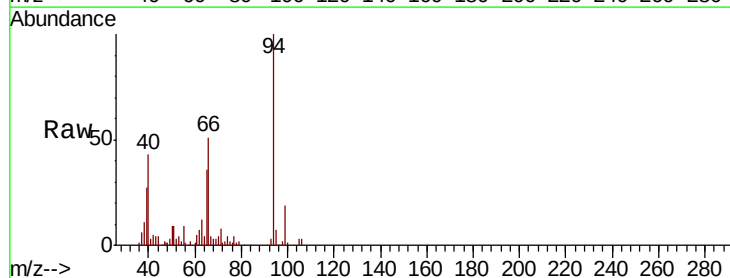
Tgt Ion: 94 Resp: 84054

Ion Ratio Lower Upper

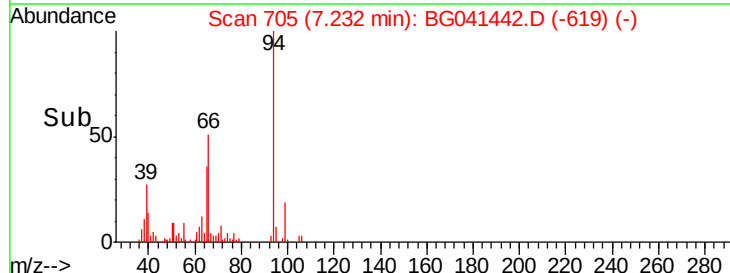
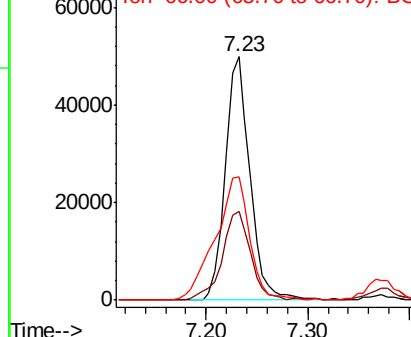
94 100

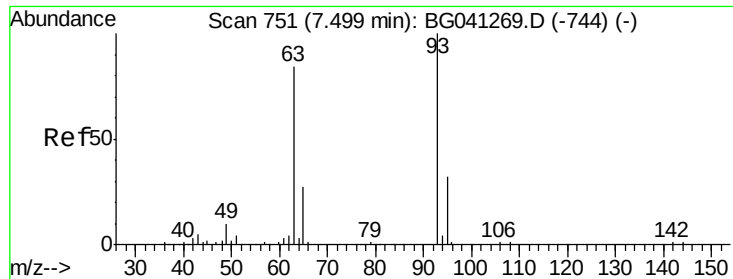
65 36.3 18.7 58.7

66 50.5 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

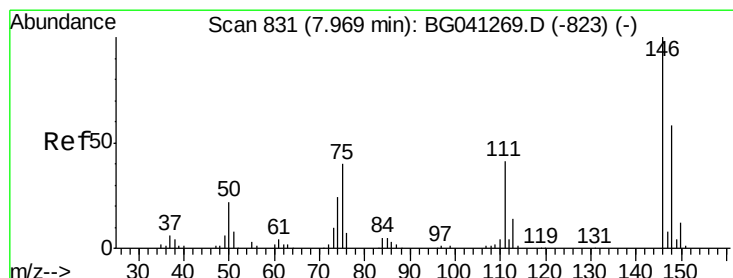
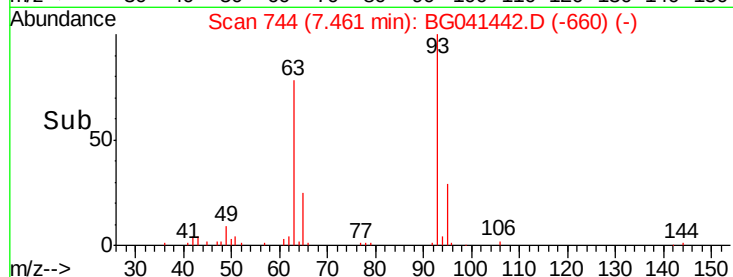
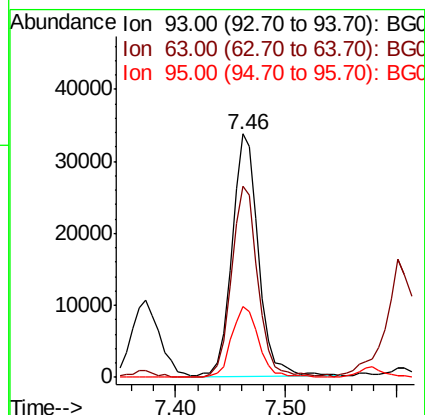
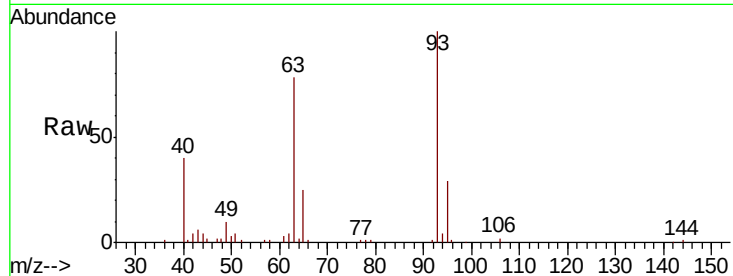




#11
bis(2-Chloroethyl)ether
Concen: 28.165 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

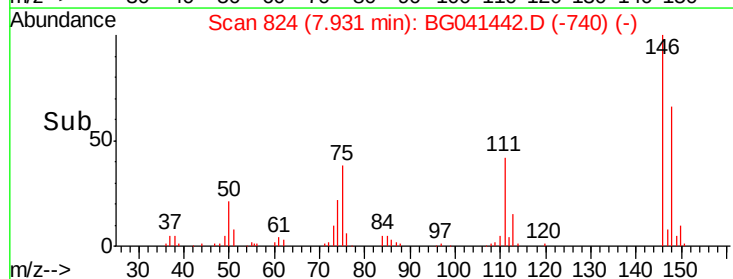
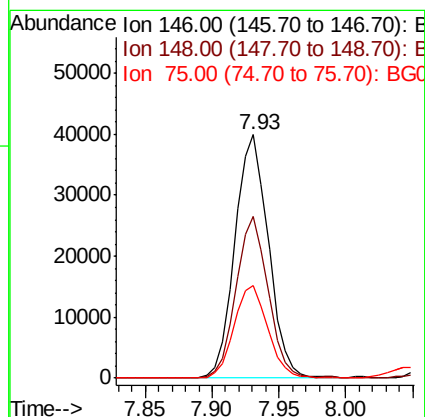
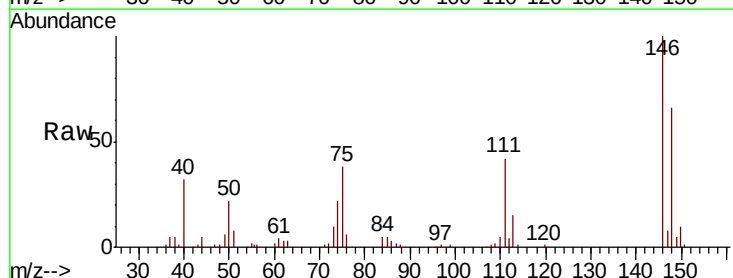
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

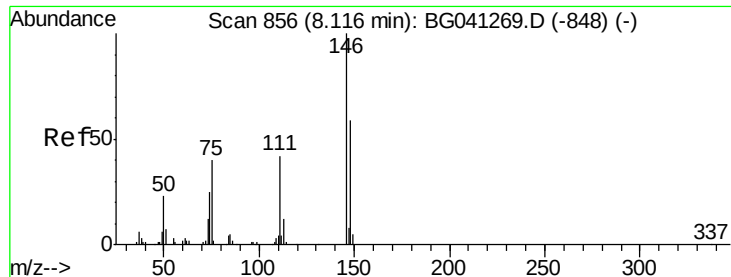
Tgt Ion: 93 Resp: 56036
Ion Ratio Lower Upper
93 100
63 78.4 63.6 103.6
95 29.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 28.082 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion: 146 Resp: 69500
Ion Ratio Lower Upper
146 100
148 66.2 46.5 69.7
75 37.8 32.2 48.4

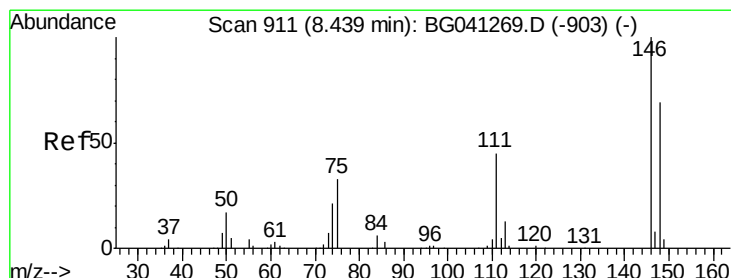
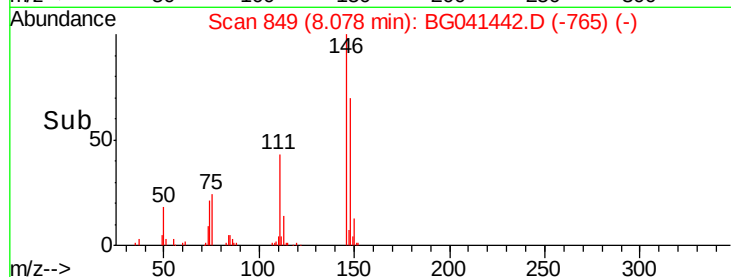
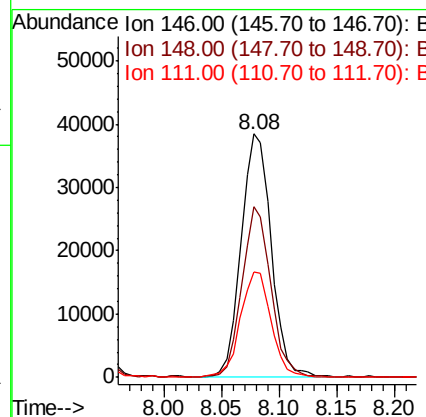
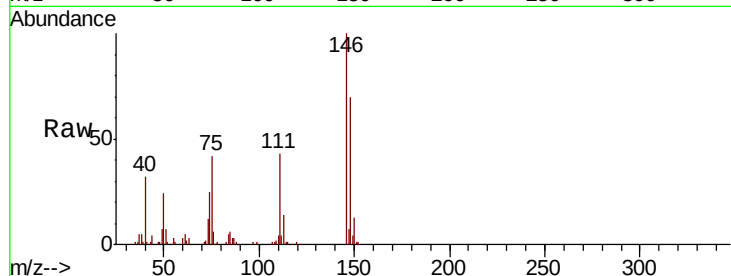




#13
 1,4-Dichlorobenzene
 Concen: 27.501 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.04 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

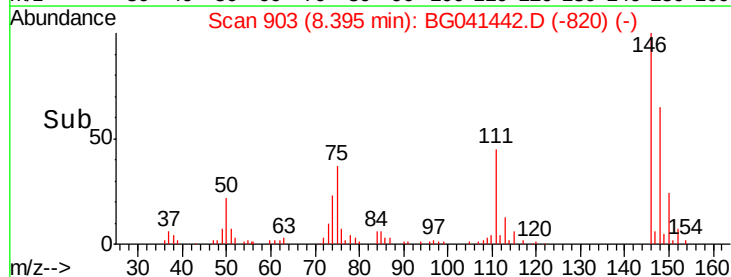
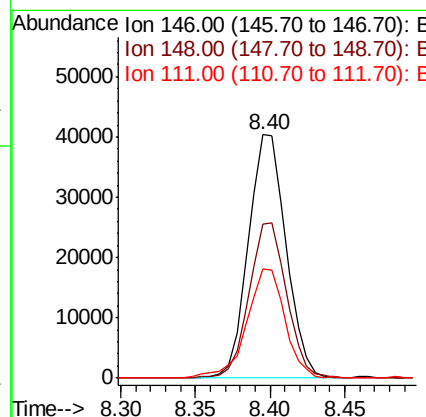
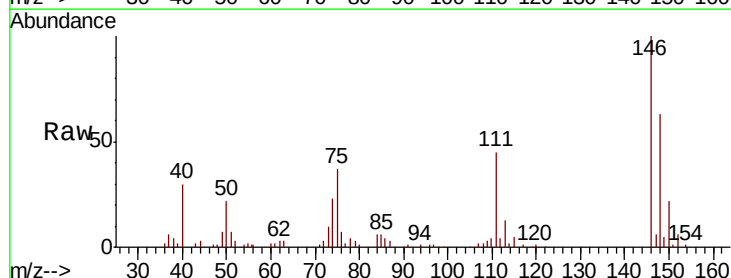
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

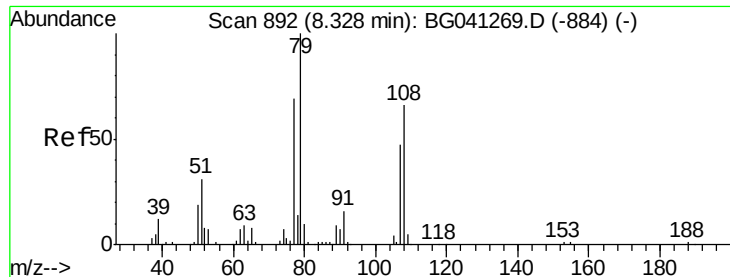
Tgt Ion:146 Resp: 69525
 Ion Ratio Lower Upper
 146 100
 148 70.0 47.3 70.9
 111 43.1 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 29.113 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.04 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion:146 Resp: 70299
 Ion Ratio Lower Upper
 146 100
 148 63.2 54.9 82.3
 111 44.9 37.0 55.6





#15

Benzyl Alcohol

Concen: 27.540 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.04 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

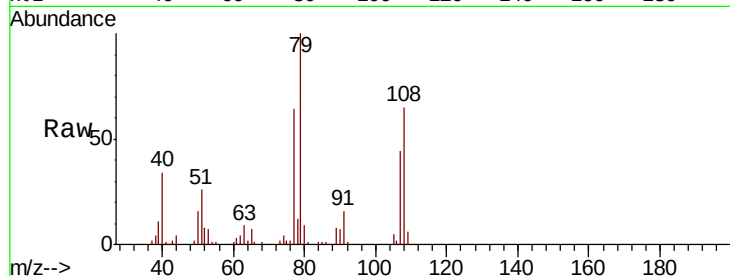
Tgt Ion: 79 Resp: 64340

Ion Ratio Lower Upper

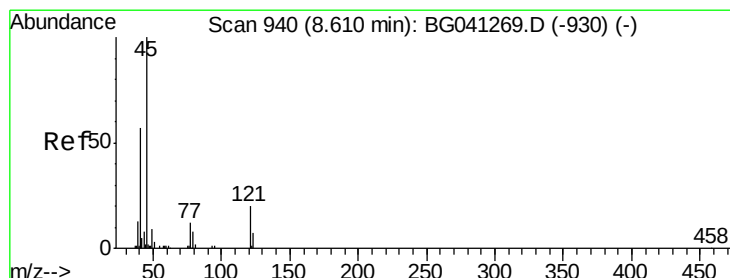
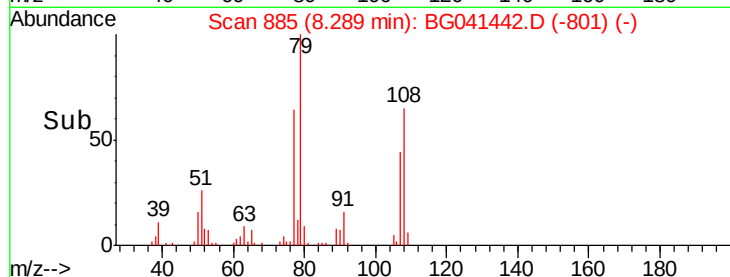
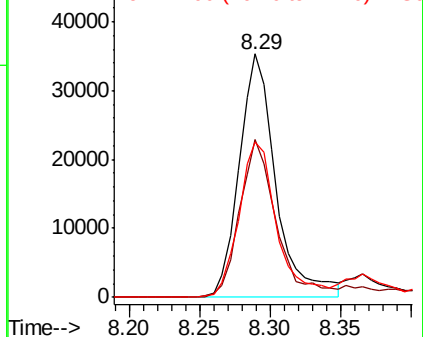
79 100

108 64.8 52.7 79.1

77 63.7 55.2 82.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 23.577 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.05 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

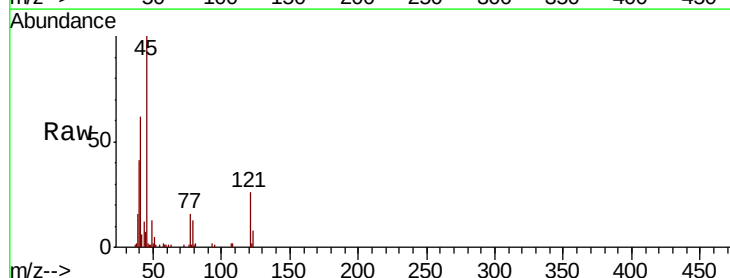
Tgt Ion: 45 Resp: 76788

Ion Ratio Lower Upper

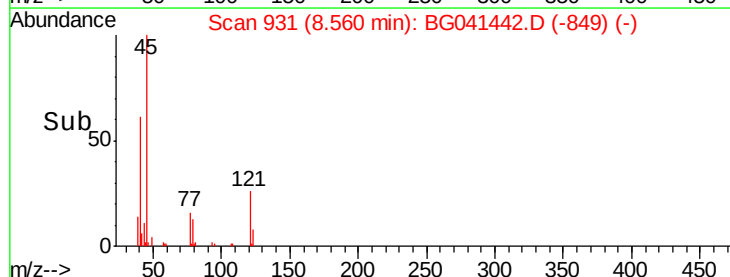
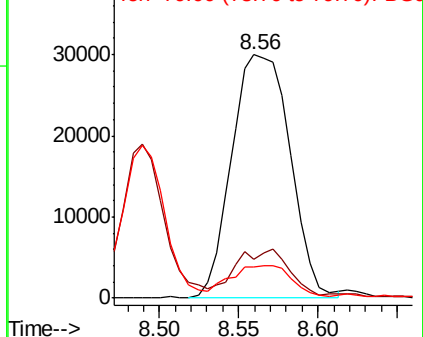
45 100

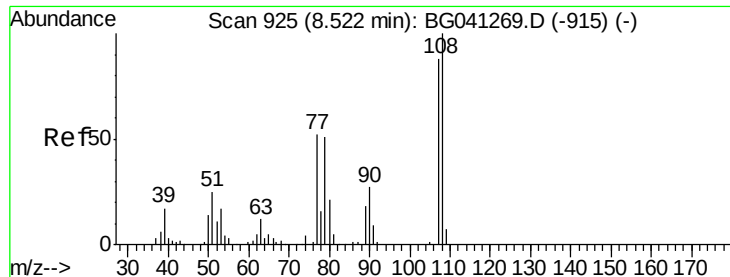
77 16.2 0.0 35.2

79 13.0 0.0 31.6



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

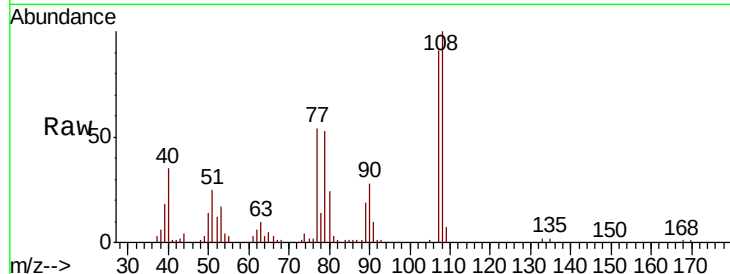




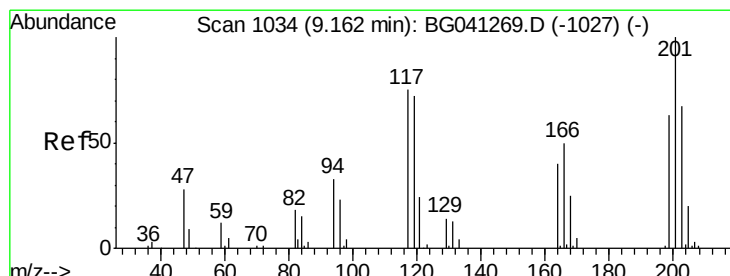
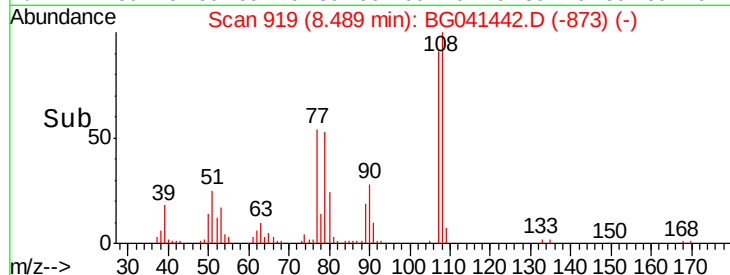
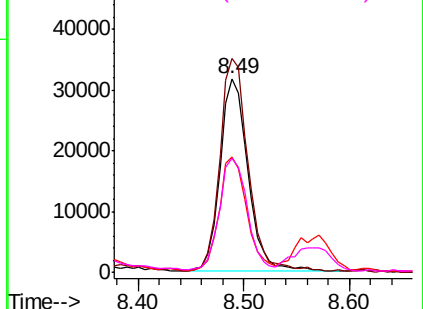
#17
2-Methylphenol
Concen: 31.179 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tgt Ion:107 Resp: 58448
Ion Ratio Lower Upper
107 100
108 110.5 91.7 137.5
77 59.7 47.8 71.8
79 58.9 46.8 70.2

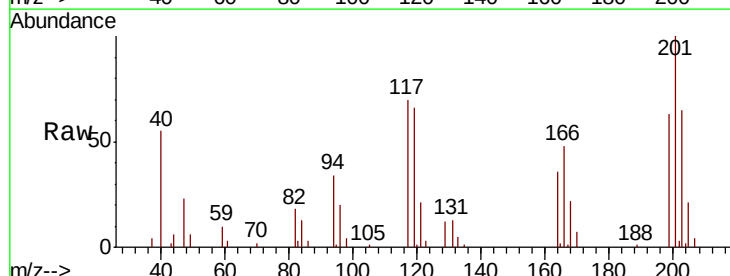


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

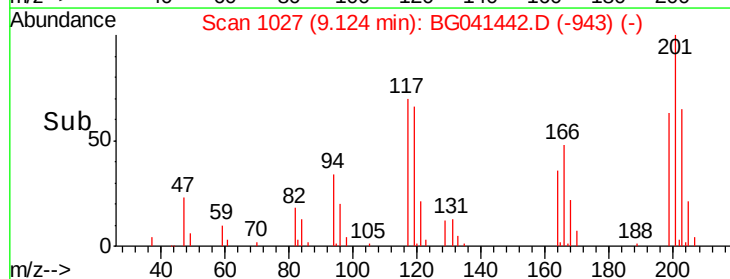
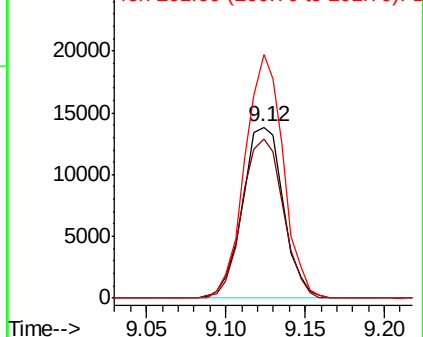


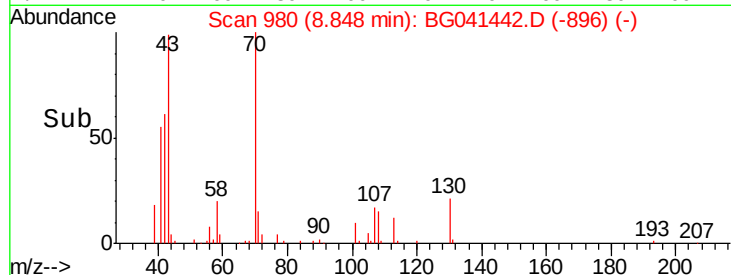
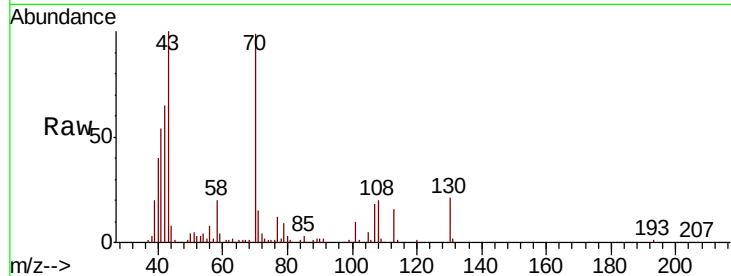
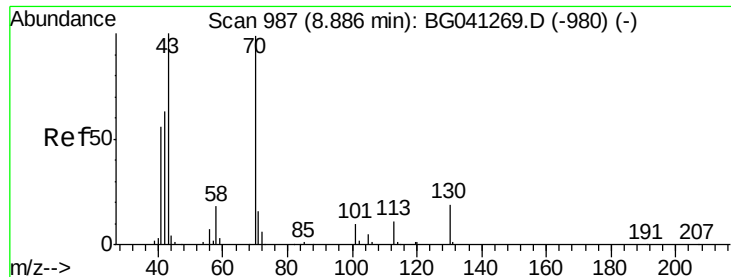
#18
Hexachloroethane
Concen: 24.778 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion:117 Resp: 24823
Ion Ratio Lower Upper
117 100
119 93.4 76.8 115.2
201 142.3 106.3 159.5



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

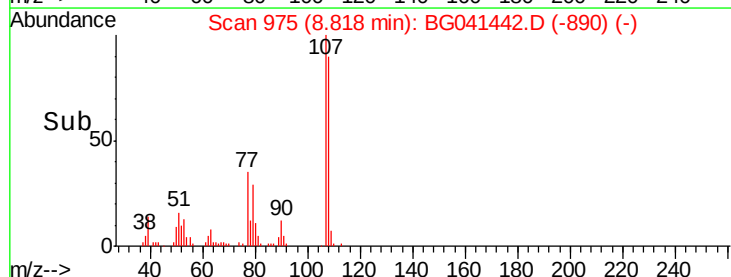
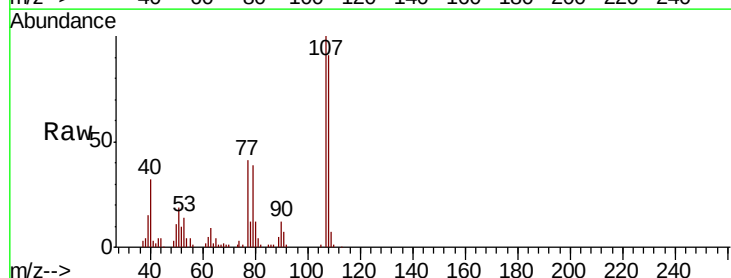
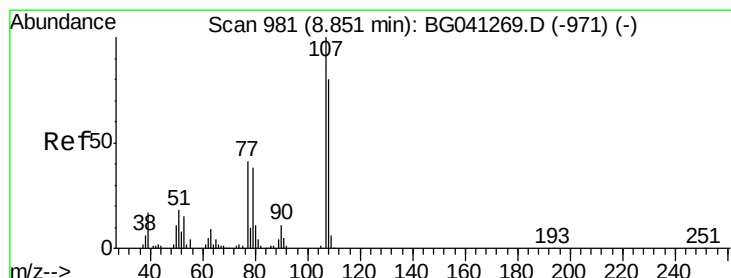
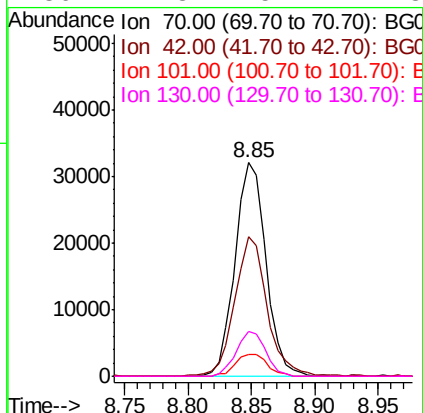




#19
n-Nitroso-di-n-propylamine
Concen: 27.461 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

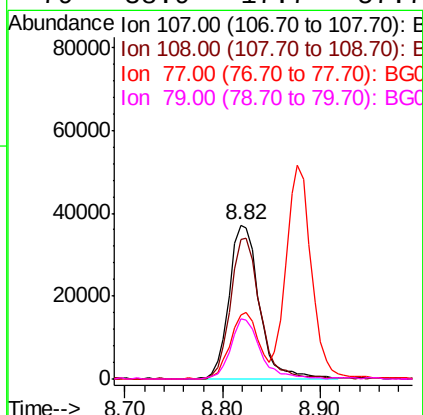
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

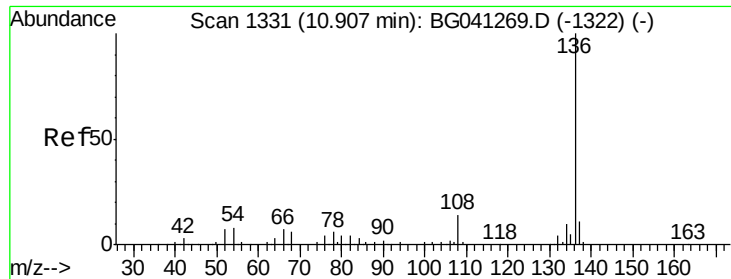
Tgt Ion:	70	Resp:	54156
Ion	Ratio	Lower	Upper
70	100		
42	65.0	51.4	77.2
101	10.3	8.2	12.2
130	21.3	15.2	22.8



#20
3+4-Methylphenols
Concen: 32.085 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion:	107	Resp:	80069
Ion	Ratio	Lower	Upper
107	100		
108	91.2	60.4	100.4
77	41.4	21.2	61.2
79	38.9	17.7	57.7

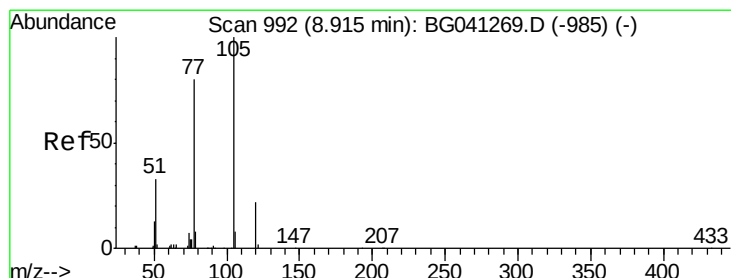
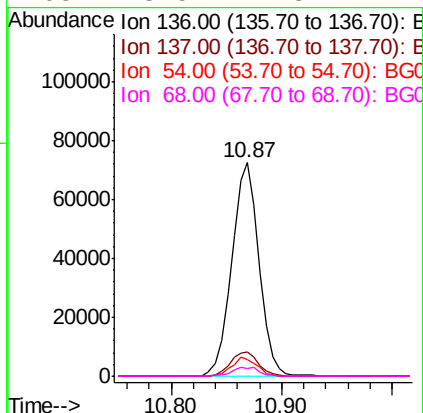
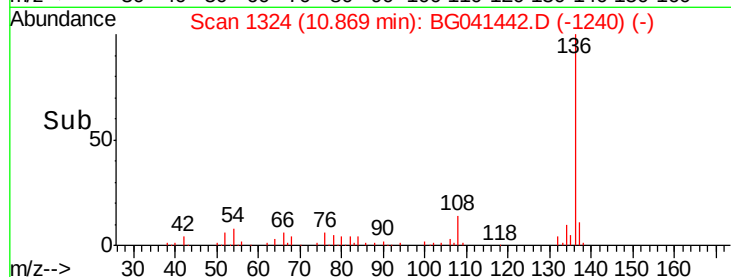
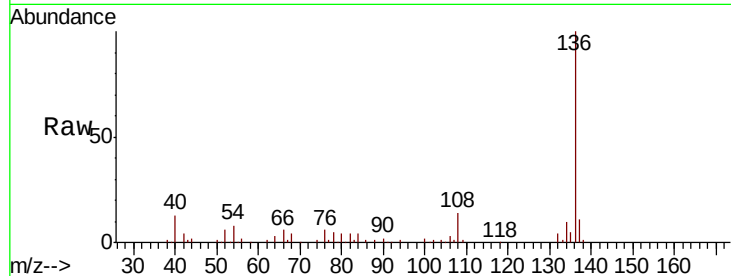




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

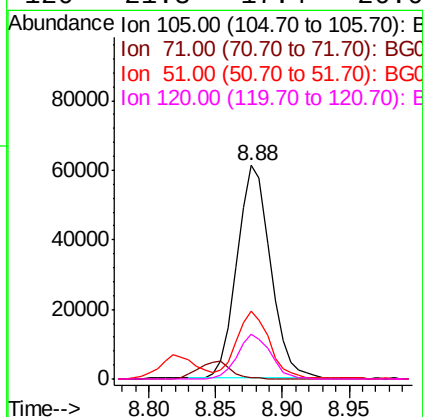
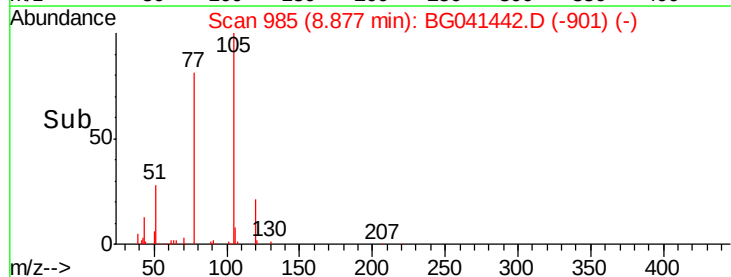
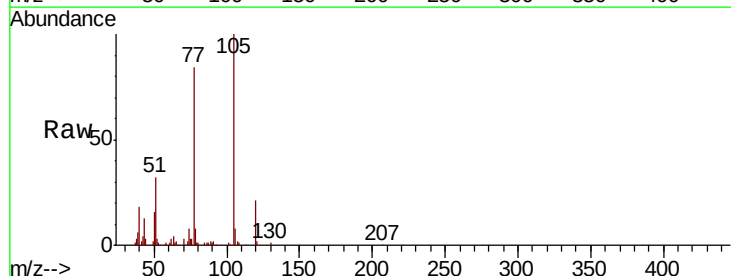
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

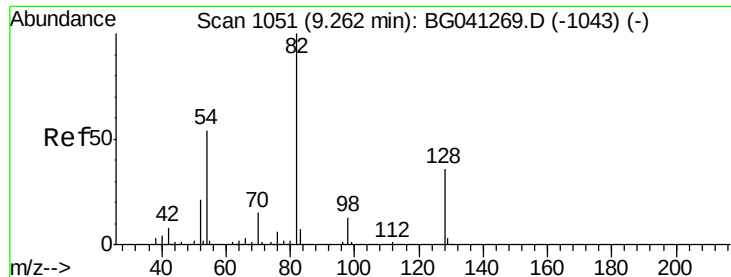
Tgt Ion:	136	Resp:	124740
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.8	13.2
54	7.7	6.4	9.6
68	3.5	4.8	7.2#



#22
Acetophenone
Concen: 29.392 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion:	105	Resp:	106692
Ion Ratio	Lower	Upper	
105	100		
71	0.5	0.4	0.6
51	31.8	28.2	42.4
120	21.3	17.4	26.0

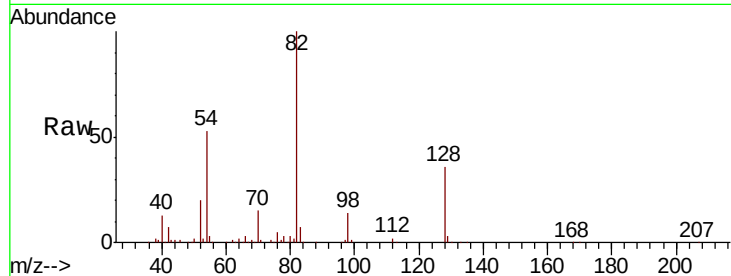




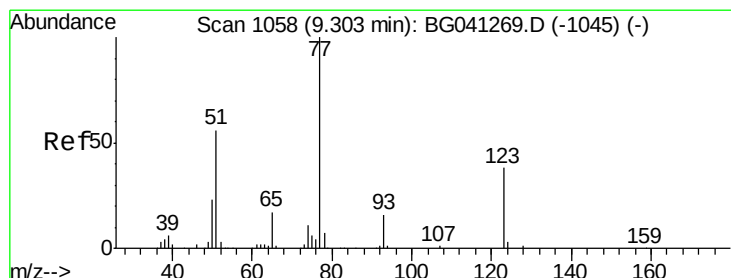
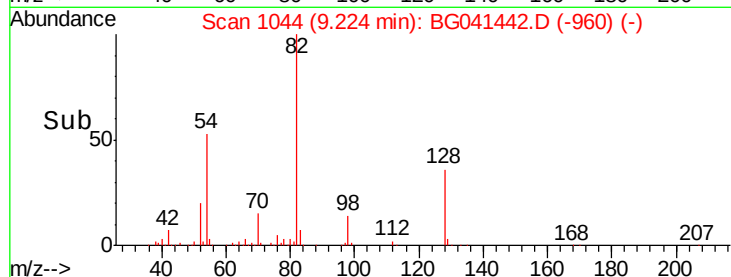
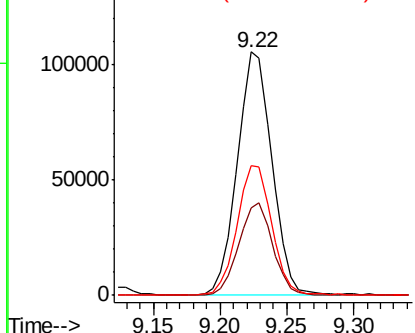
#23
 Nitrobenzene-d5
 Concen: 63.904 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.04 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.2	43.8
54	53.2	43.4	65.0

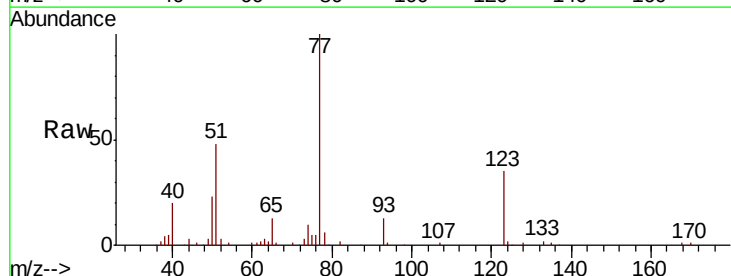


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

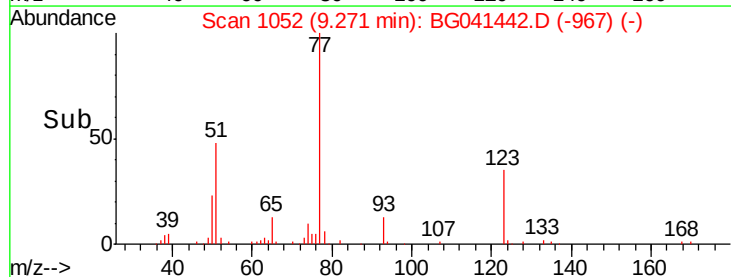
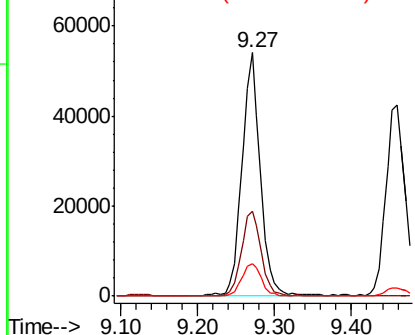


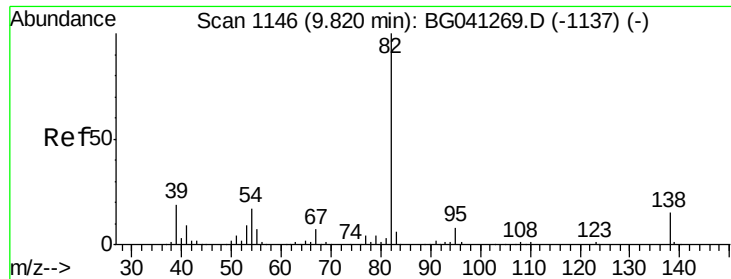
#24
 Nitrobenzene
 Concen: 30.464 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.8	30.4	45.6
65	13.5	13.3	19.9



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

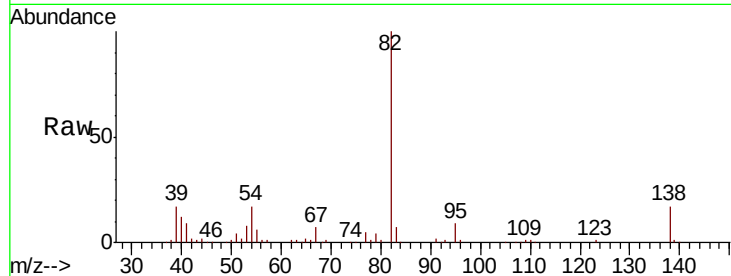




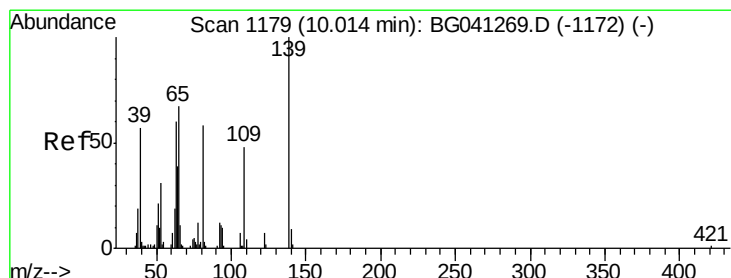
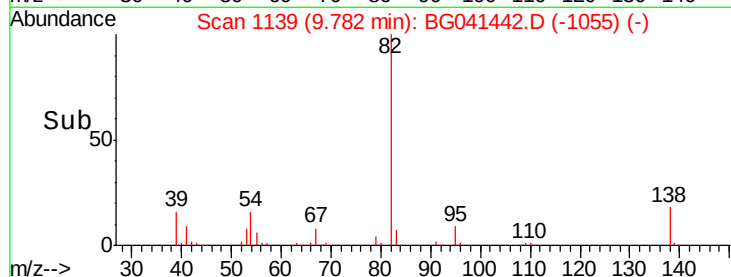
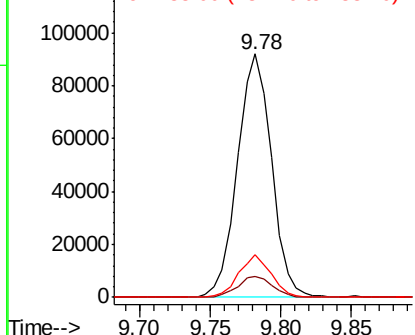
#25
Isophorone
Concen: 28.558 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tgt Ion: 82 Resp: 155401
Ion Ratio Lower Upper
82 100
95 8.8 6.6 10.0
138 17.5 12.3 18.5

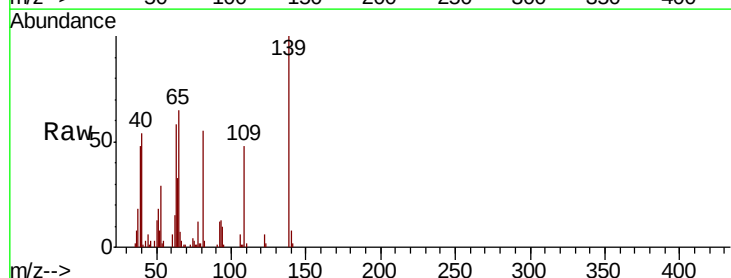


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

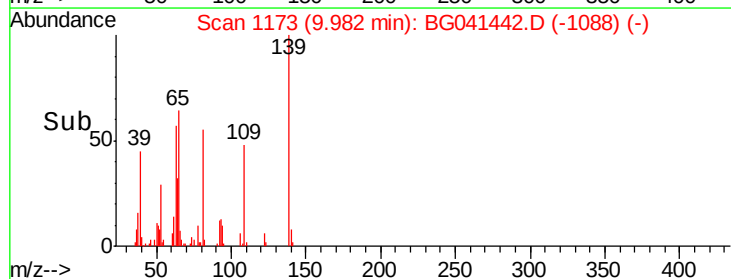
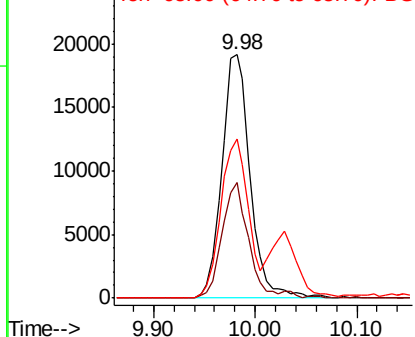


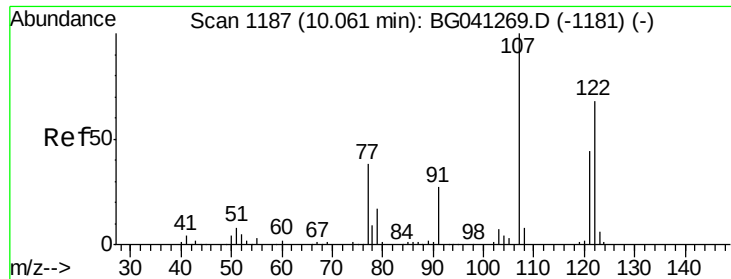
#26
2-Nitrophenol
Concen: 30.515 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion: 139 Resp: 36904
Ion Ratio Lower Upper
139 100
109 47.6 38.4 57.6
65 65.4 53.6 80.4



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





#27

2,4-Dimethylphenol

Concen: 35.655 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

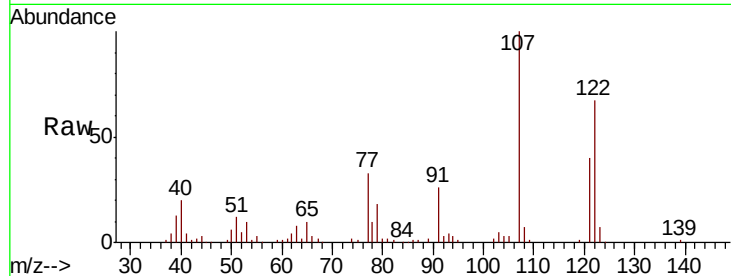
Tgt Ion:122 Resp: 64635

Ion Ratio Lower Upper

122 100

107 150.1 115.1 172.7

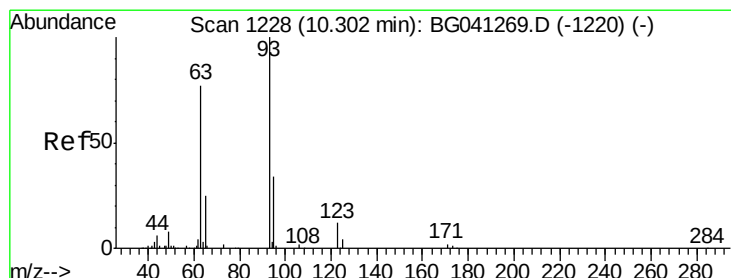
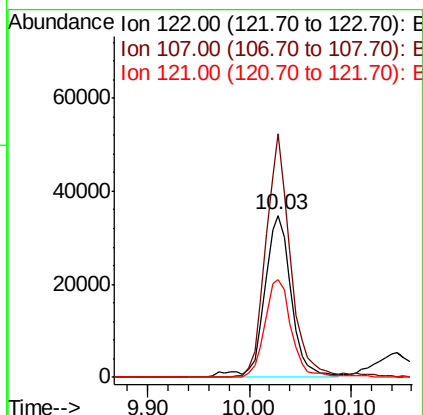
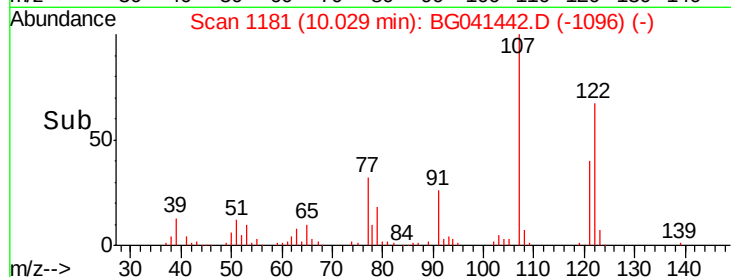
121 60.0 50.1 75.1



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: 28.794 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.04 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

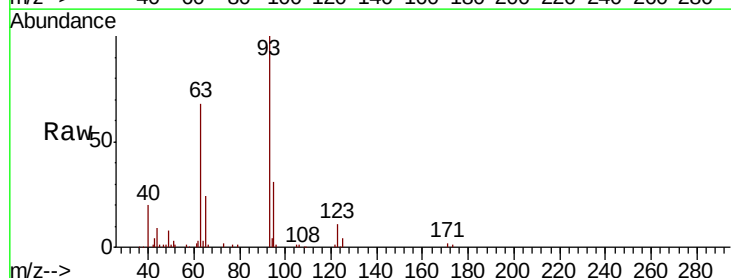
Tgt Ion: 93 Resp: 81639

Ion Ratio Lower Upper

93 100

95 31.1 27.3 40.9

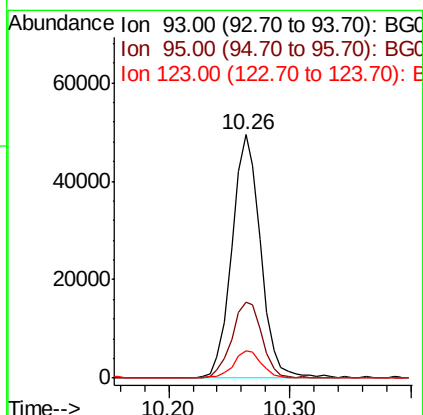
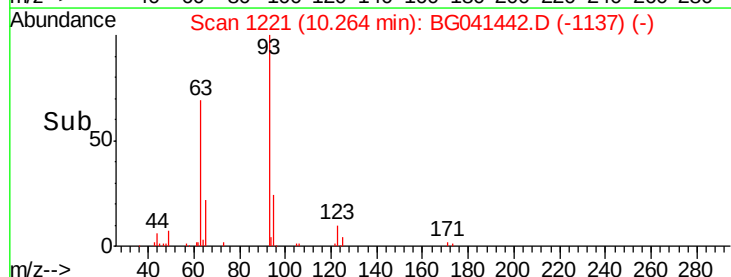
123 11.0 9.6 14.4

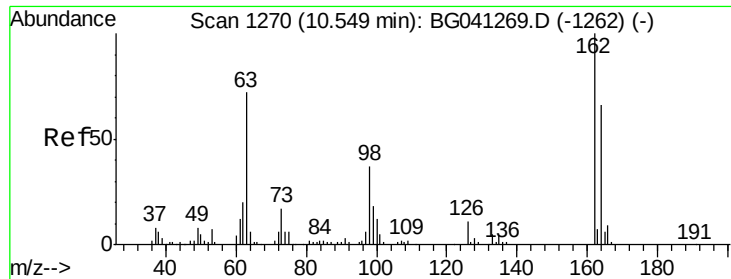


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

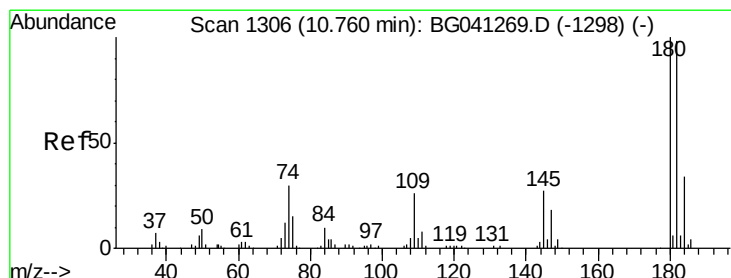
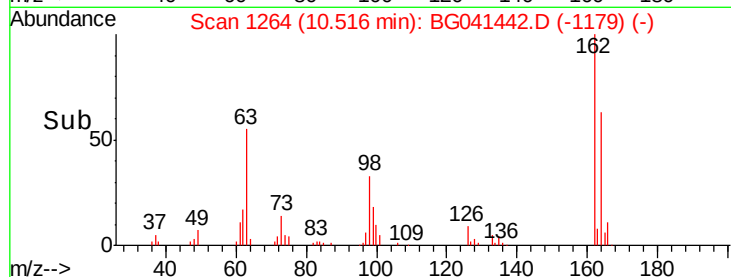
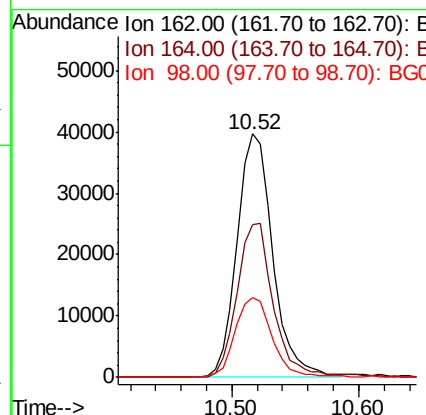
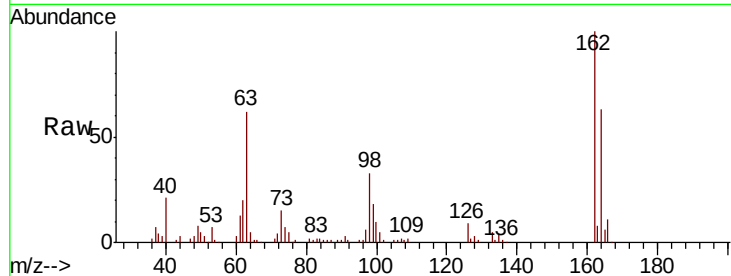




#29
 2,4-Dichlorophenol
 Concen: 34.537 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

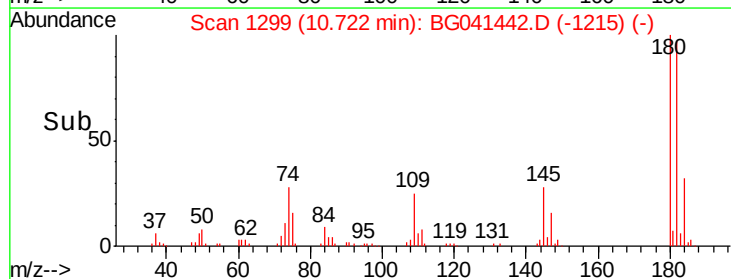
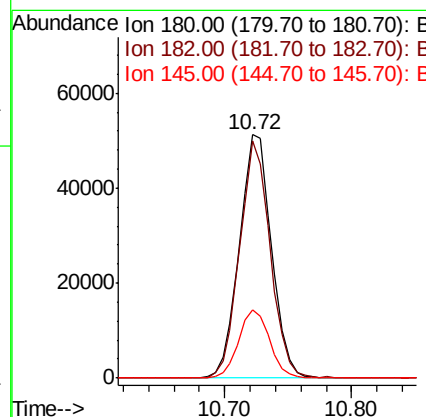
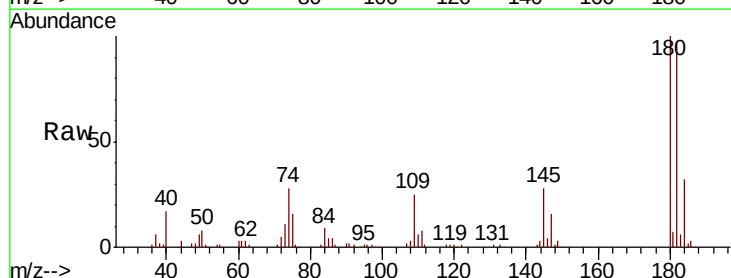
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

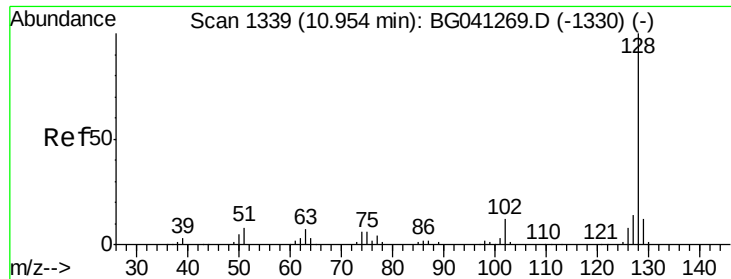
Tgt Ion:162 Resp: 77629
 Ion Ratio Lower Upper
 162 100
 164 62.6 46.0 86.0
 98 33.0 17.4 57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 31.189 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.04 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion:180 Resp: 89784
 Ion Ratio Lower Upper
 180 100
 182 97.3 78.6 117.8
 145 28.0 21.7 32.5

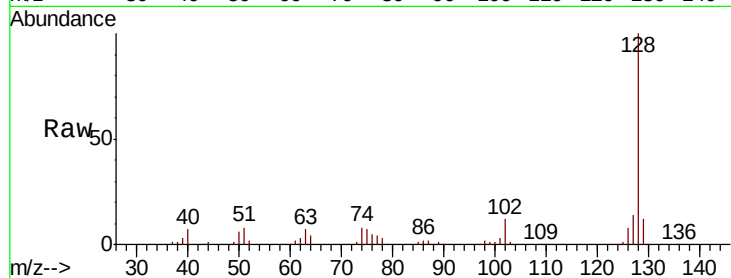




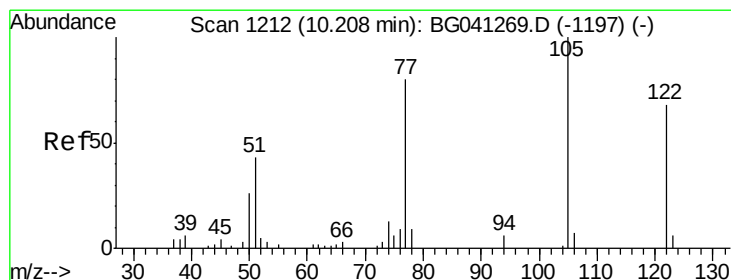
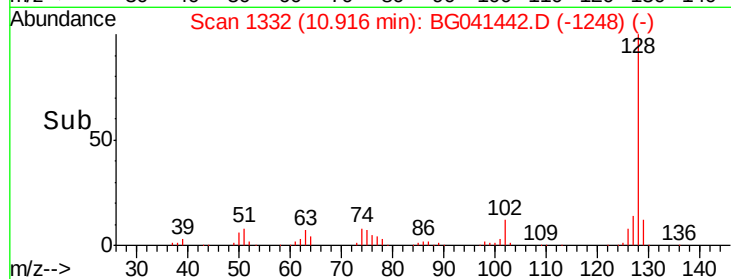
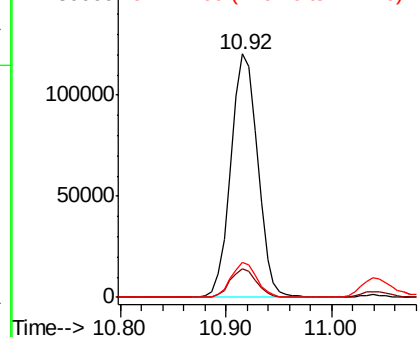
#31
Naphthalene
Concen: 31.238 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tgt Ion:128 Resp: 211774
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 14.3 11.2 16.8

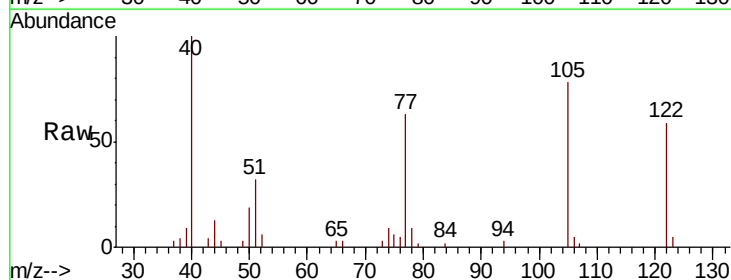


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

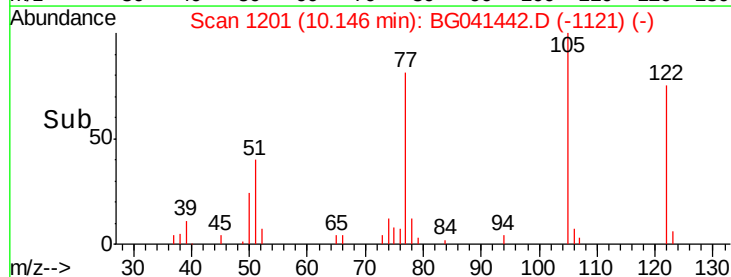
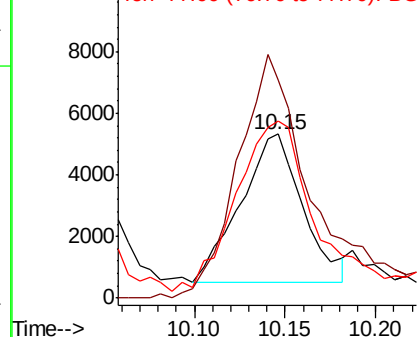


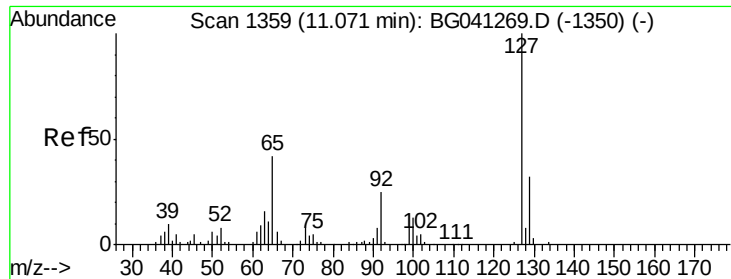
#32
Benzoic acid
Concen: 9.648 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.06 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion:122 Resp: 11385
Ion Ratio Lower Upper
122 100
105 133.4 124.2 164.2
77 108.0 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): BGC

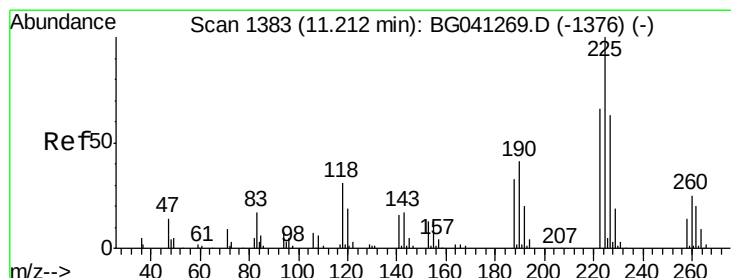
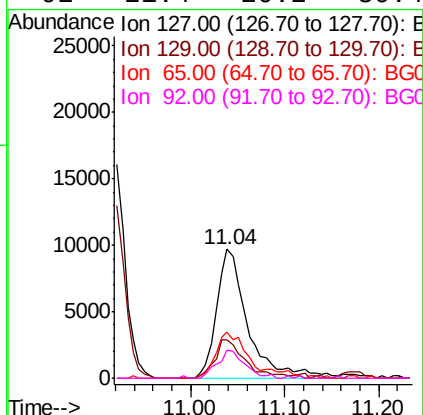
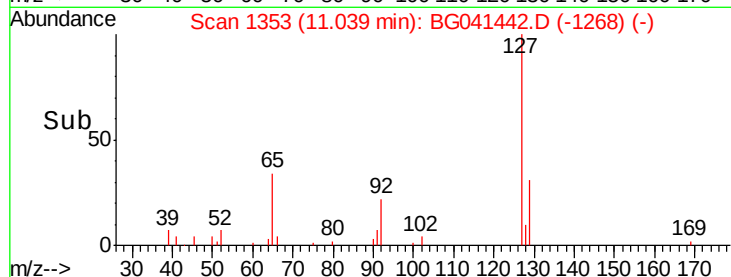
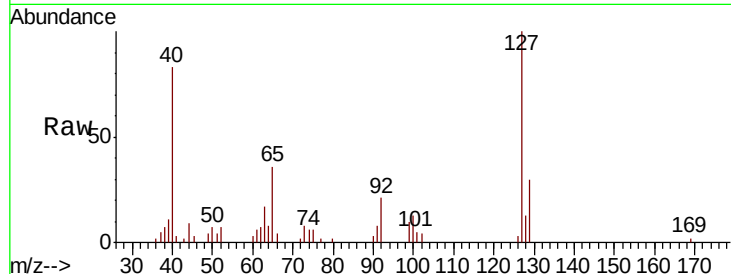




#33
4-Chloroaniline
Concen: 7.822 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

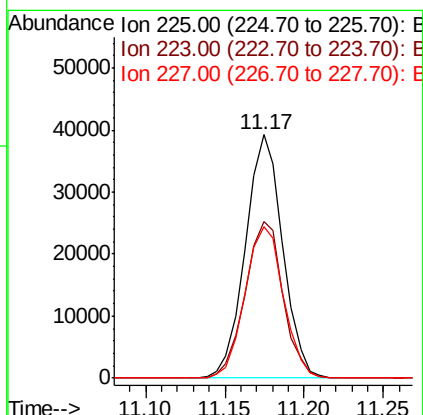
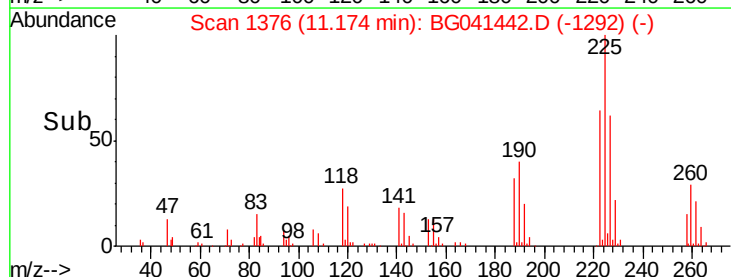
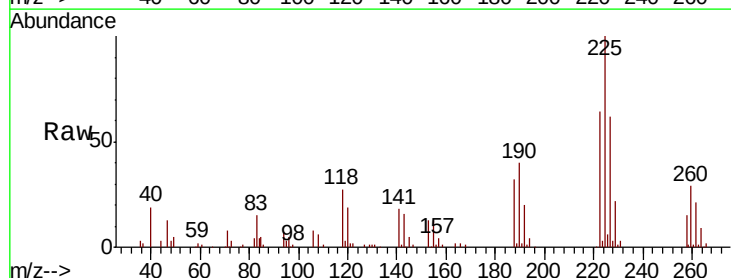
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

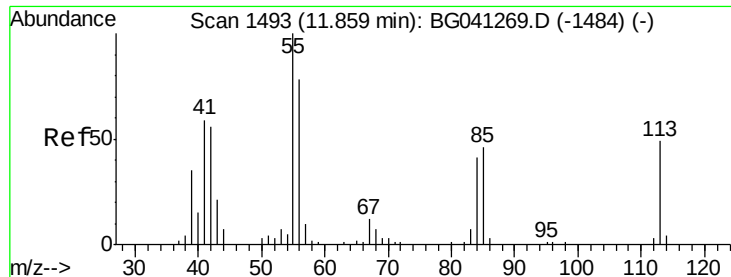
Tgt Ion:	127	Resp:	22521
Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.8	38.8
65	35.8	33.8	50.8
92	21.4	20.2	30.4



#34
Hexachlorobutadiene
Concen: 28.016 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.04 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion:	225	Resp:	64018
Ion	Ratio	Lower	Upper
225	100		
223	64.1	52.5	78.7
227	62.3	50.2	75.2

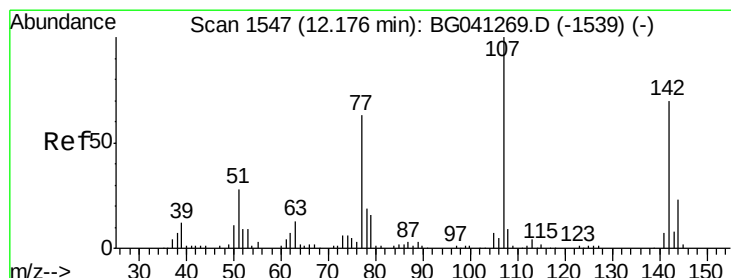
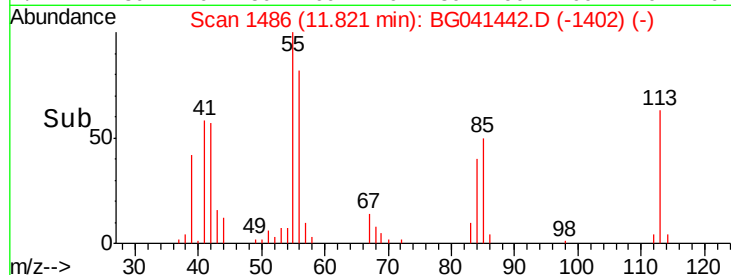
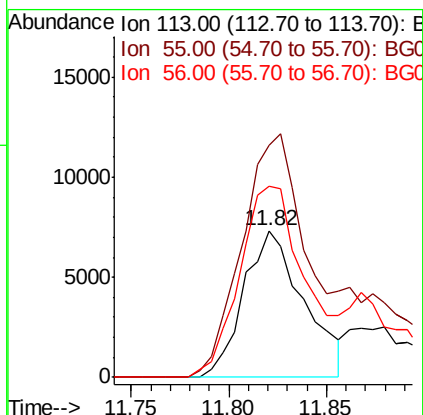
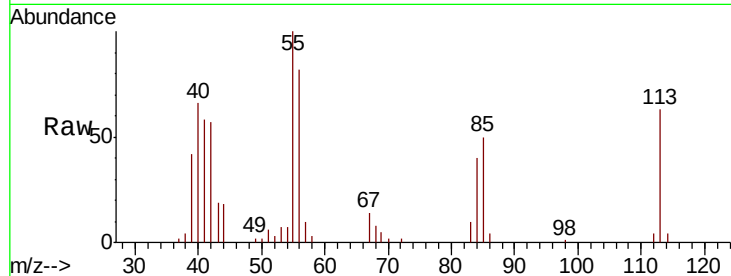




#35
 Caprolactam
 Concen: 20.208 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.04 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

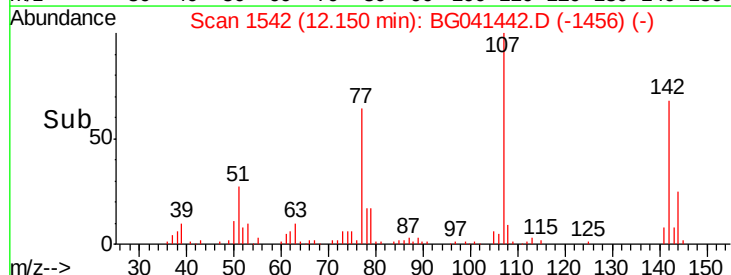
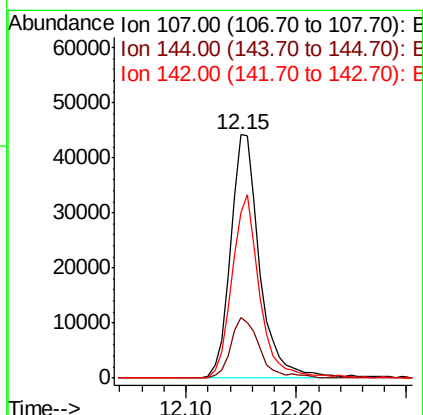
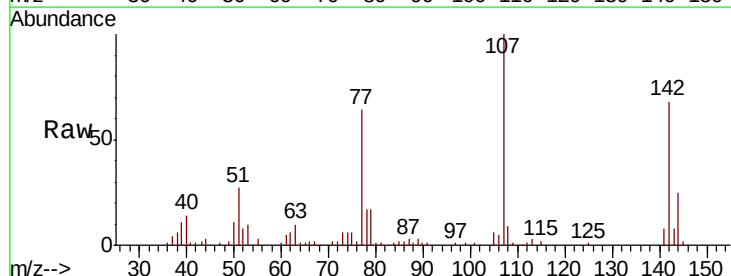
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

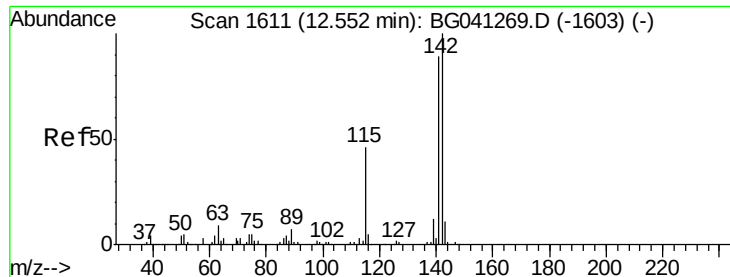
Tgt Ion:113 Resp: 15637
 Ion Ratio Lower Upper
 113 100
 55 158.3 182.6 222.6#
 56 130.0 137.5 177.5#



#36
 4-Chloro-3-methylphenol
 Concen: 31.354 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion:107 Resp: 81404
 Ion Ratio Lower Upper
 107 100
 144 24.7 18.5 27.7
 142 68.0 56.3 84.5

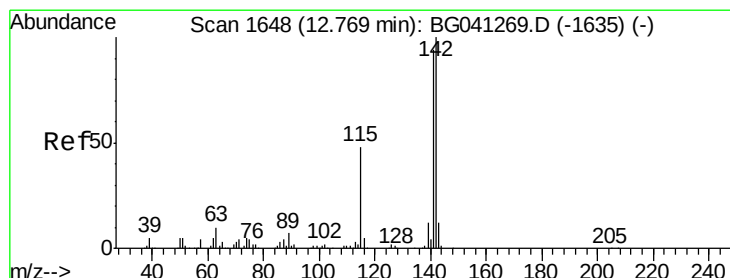
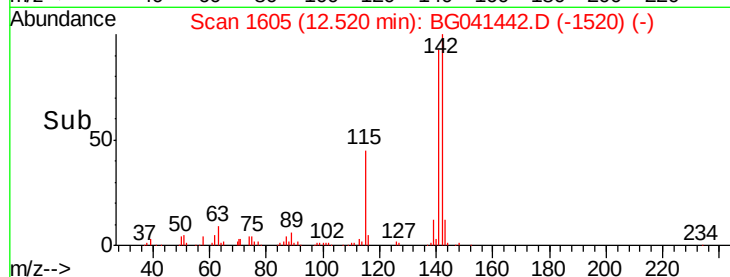
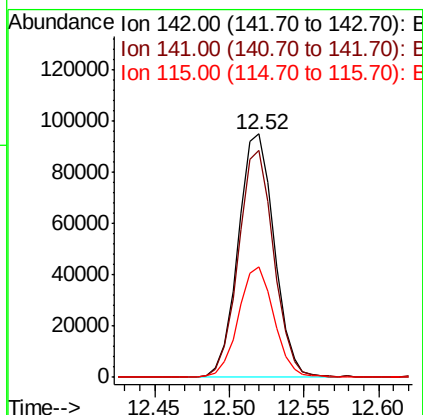
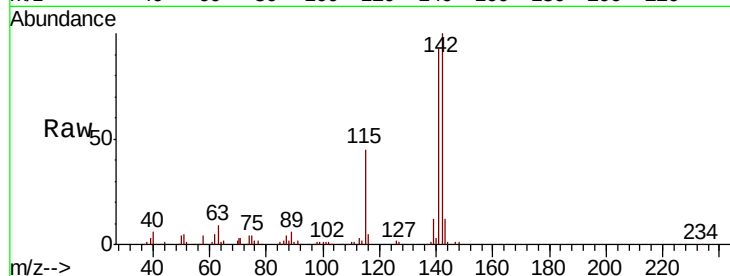




#37
 2-Methylnaphthalene
 Concen: 31.842 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

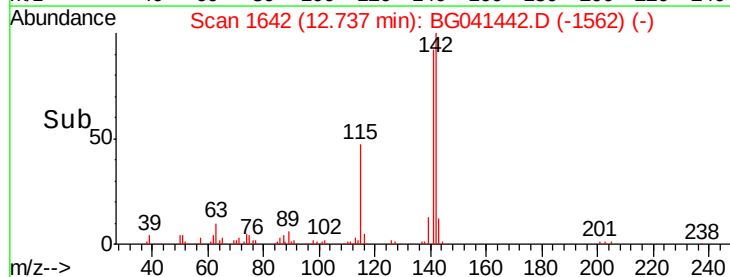
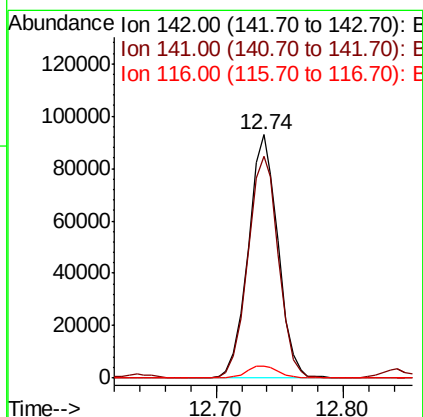
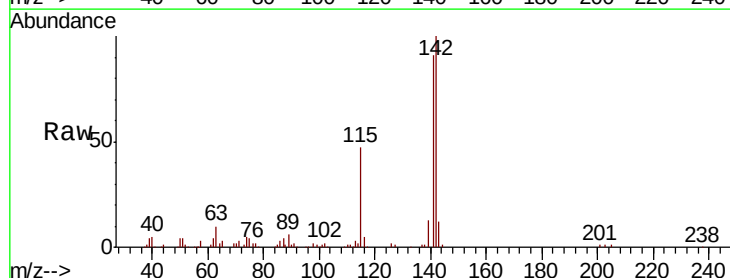
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

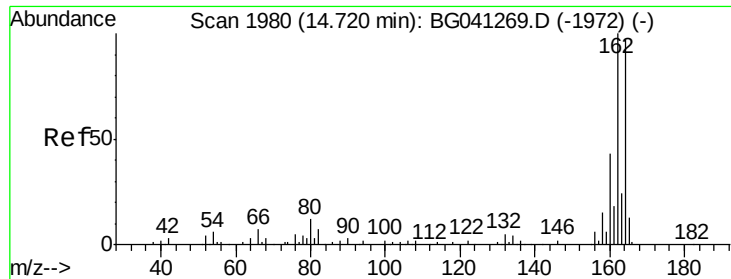
Tgt Ion:142 Resp: 158995
 Ion Ratio Lower Upper
 142 100
 141 93.4 71.5 107.3
 115 45.2 37.0 55.6



#38
 1-Methylnaphthalene
 Concen: 31.660 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion:142 Resp: 151249
 Ion Ratio Lower Upper
 142 100
 141 91.3 75.0 112.6
 116 5.0 4.2 6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

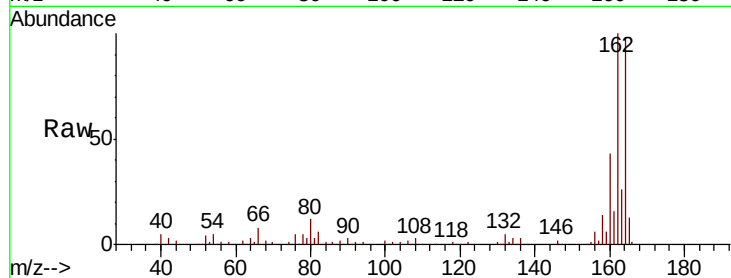
Tgt Ion:164 Resp: 88859

Ion Ratio Lower Upper

164 100

162 102.3 82.8 124.2

160 44.0 35.8 53.8

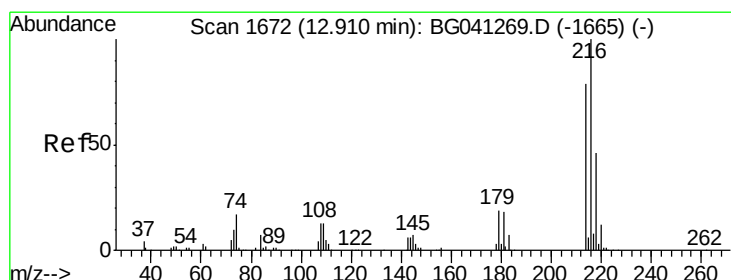
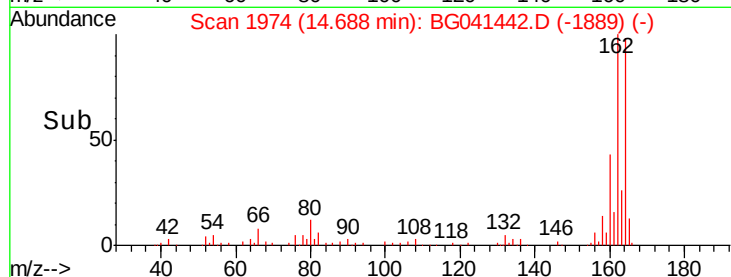
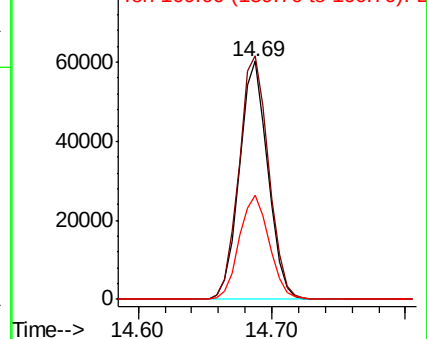


Abundance

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: 33.145 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Tgt Ion:216 Resp: 121619

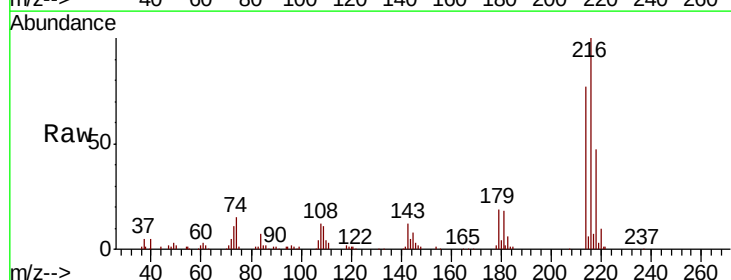
Ion Ratio Lower Upper

216 100

214 79.0 62.8 94.2

179 19.2 15.2 22.8

108 14.6 12.4 18.6



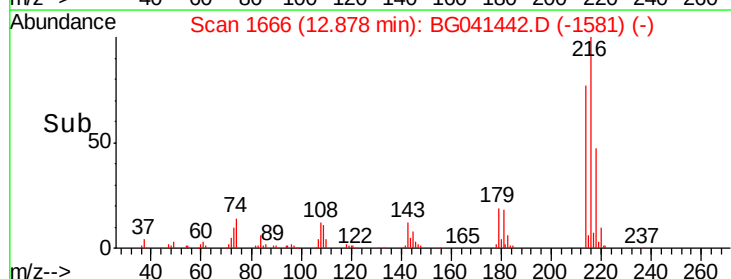
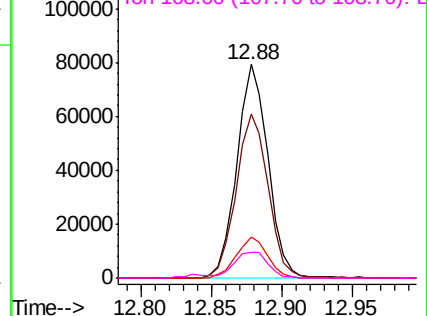
Abundance

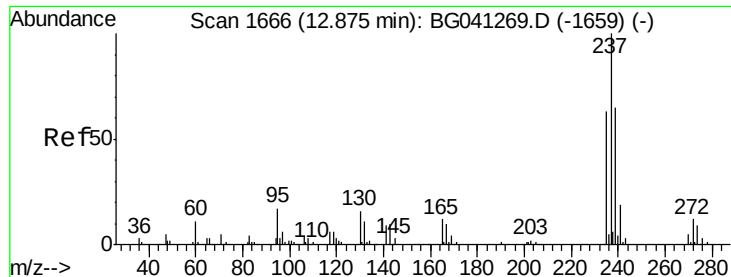
Ion 216.00 (215.70 to 216.70): E

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: 23.618 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

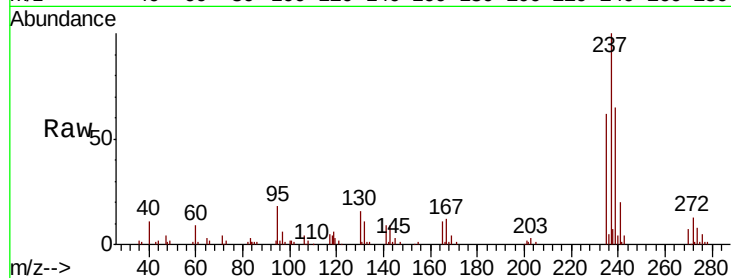
Tgt Ion:237 Resp: 58374

Ion Ratio Lower Upper

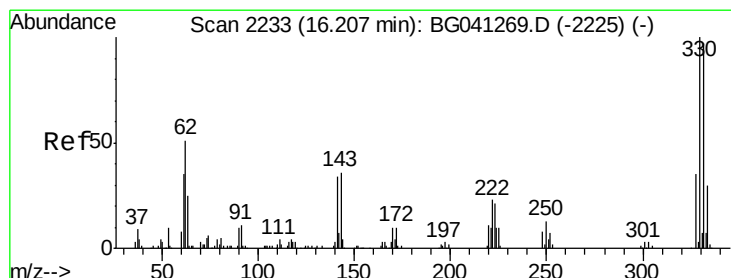
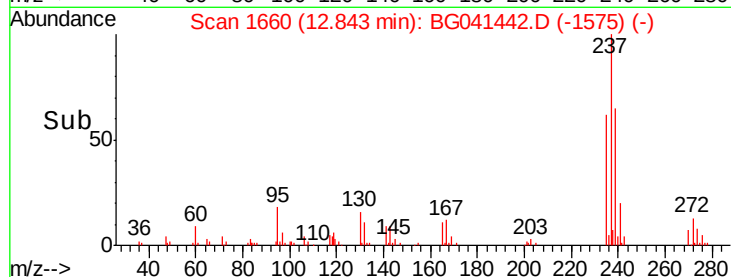
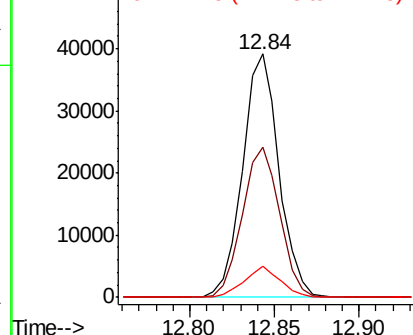
237 100

235 61.6 42.9 82.9

272 12.7 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: 103.784 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

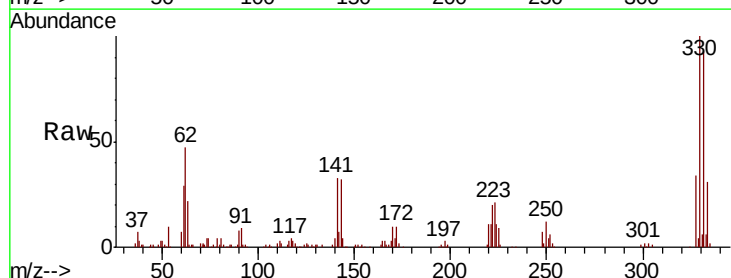
Tgt Ion:330 Resp: 141580

Ion Ratio Lower Upper

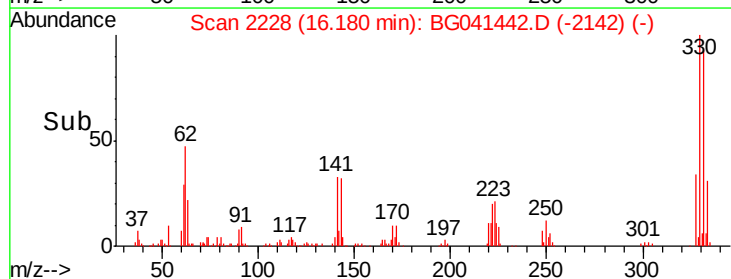
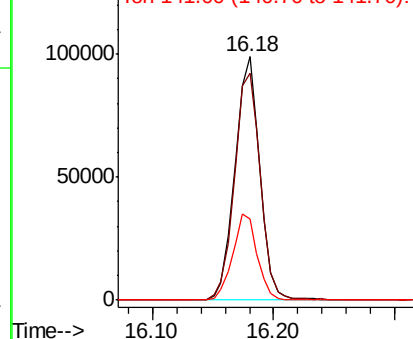
330 100

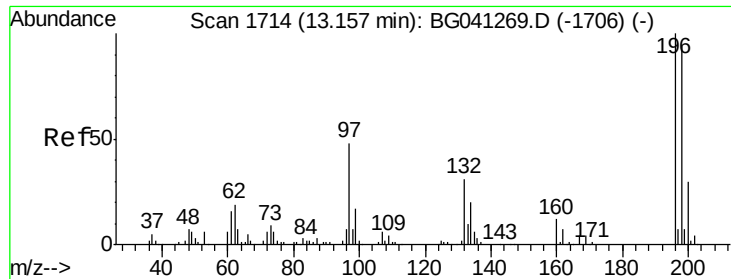
332 97.4 75.5 113.3

141 35.1 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

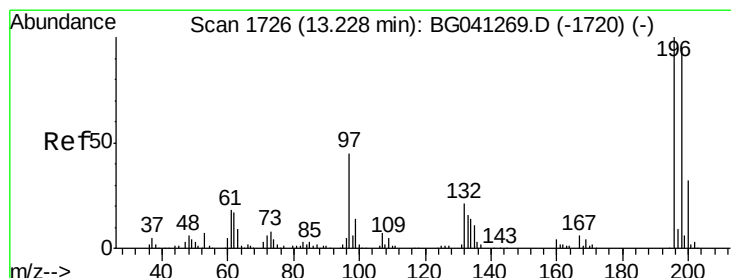
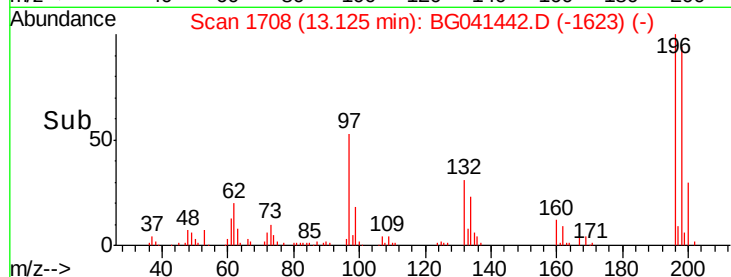
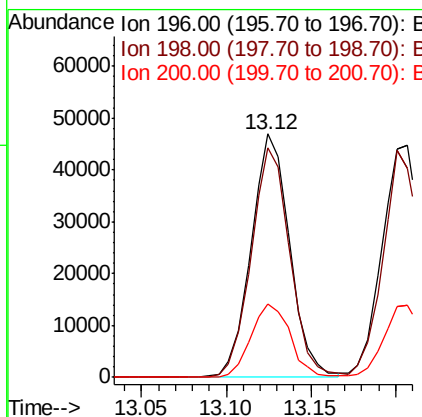
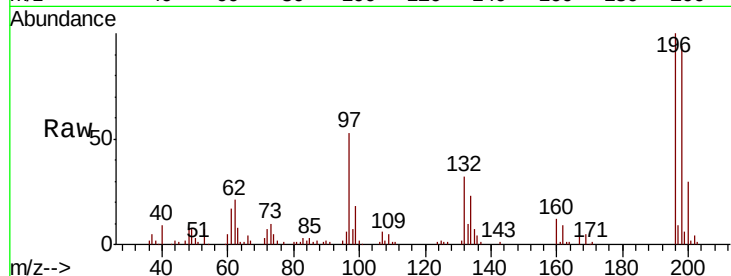




#43
 2,4,6-Trichlorophenol
 Concen: 32.811 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

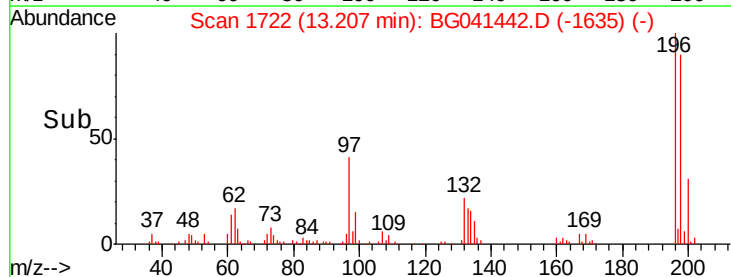
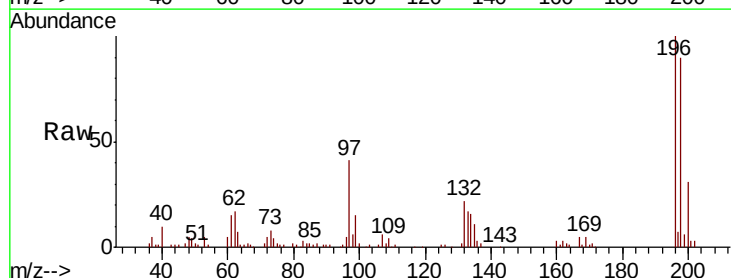
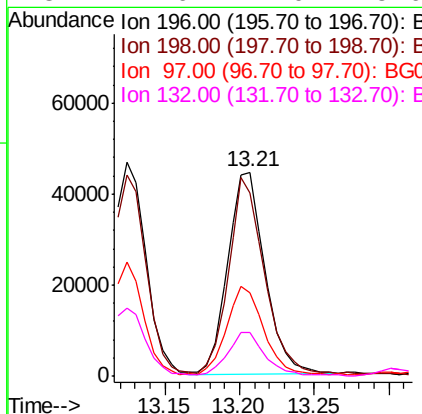
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

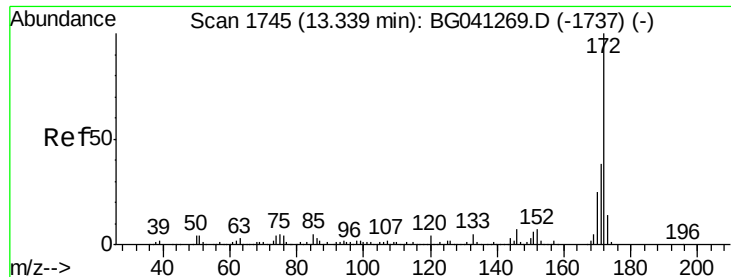
Tgt Ion:196 Resp: 74476
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.9 112.3
 200 30.1 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 33.193 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion:196 Resp: 77523
 Ion Ratio Lower Upper
 196 100
 198 90.1 76.1 114.1
 97 40.9 35.9 53.9
 132 21.6 17.0 25.6

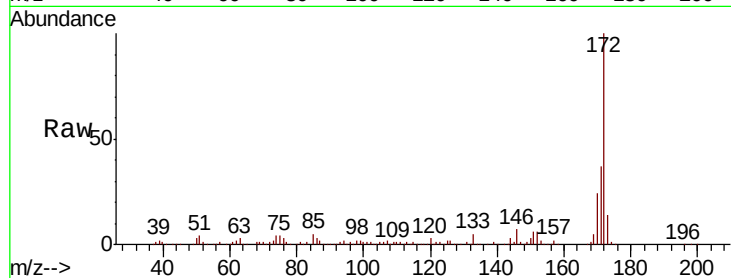




#45
 2-Fluorobiphenyl
 Concen: 69.485 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.3	19.8	29.6

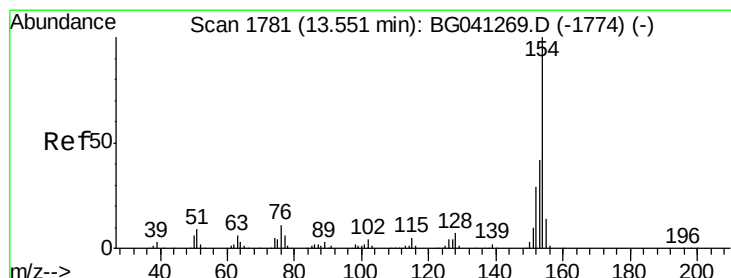
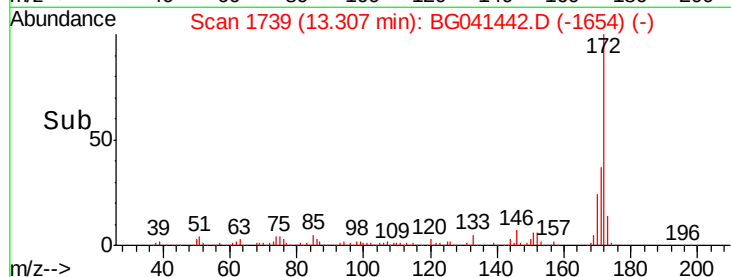
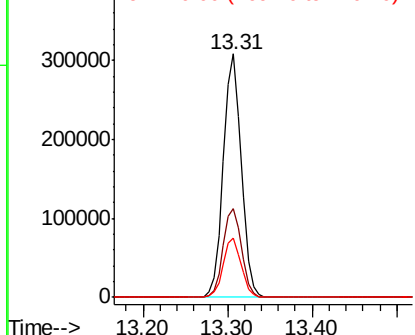


Abundance

Ion 172.00 (171.70 to 172.70): E

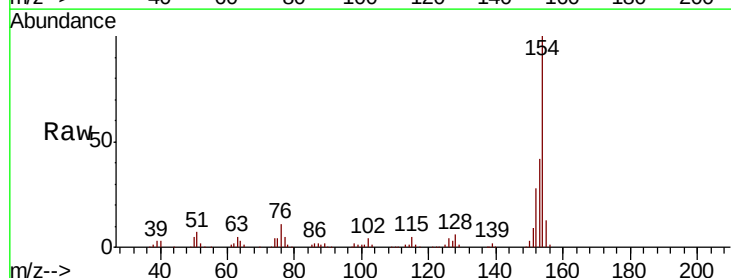
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 31.721 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.3	62.3
76	10.9	0.0	30.8

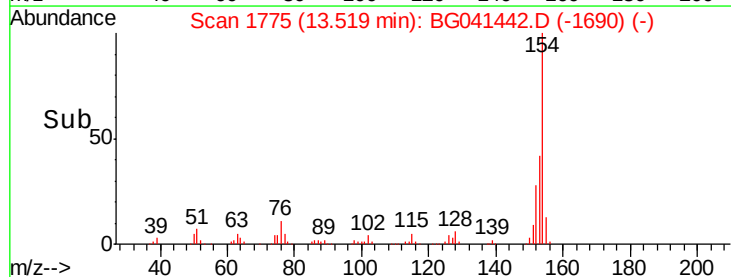
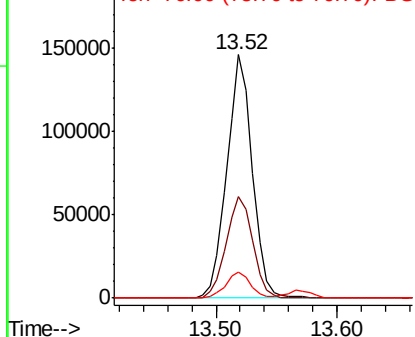


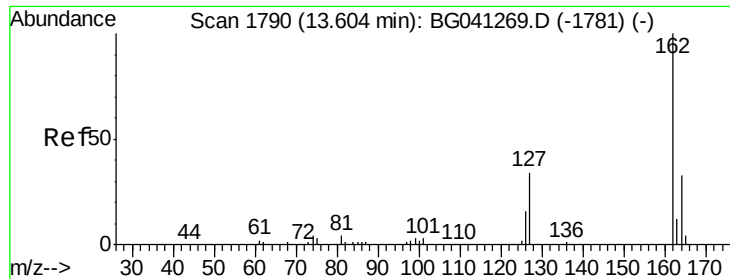
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

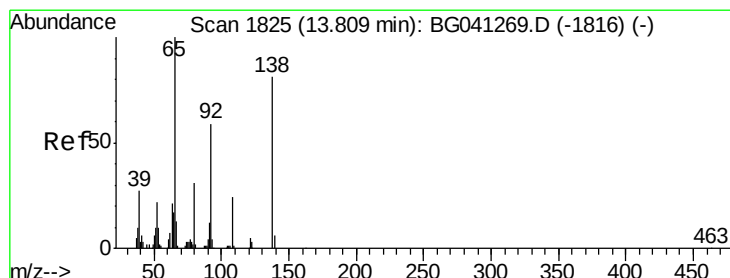
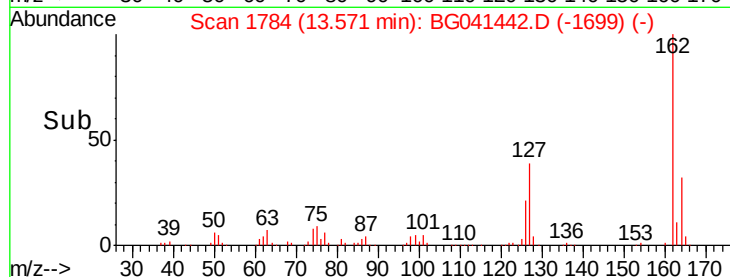
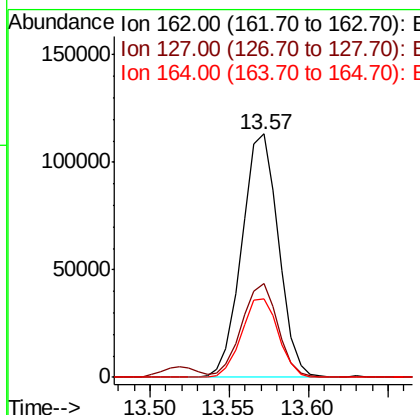
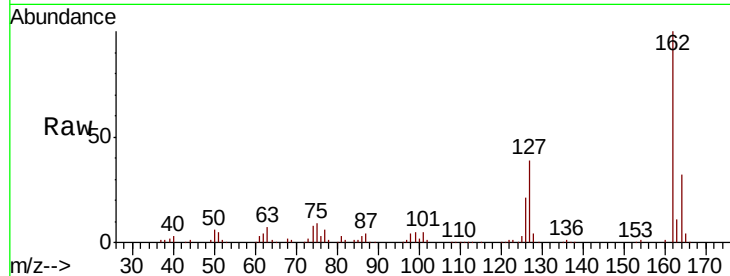




#47
 2-Chloronaphthalene
 Concen: 31.476 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

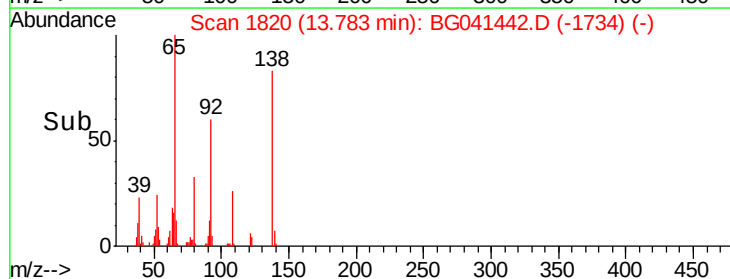
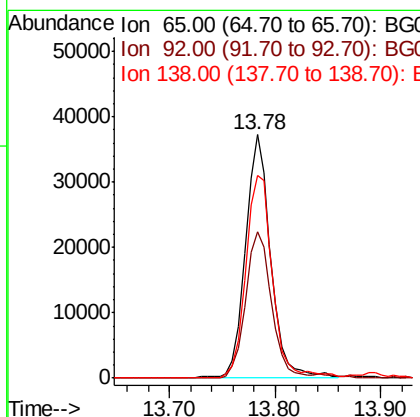
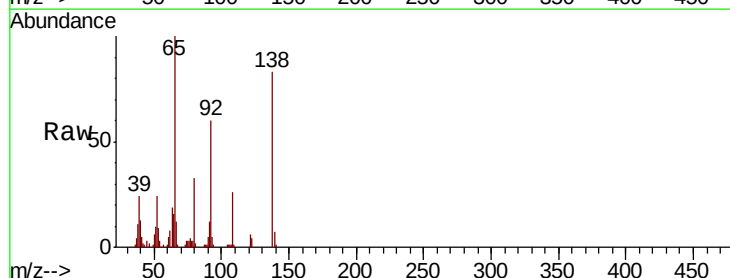
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

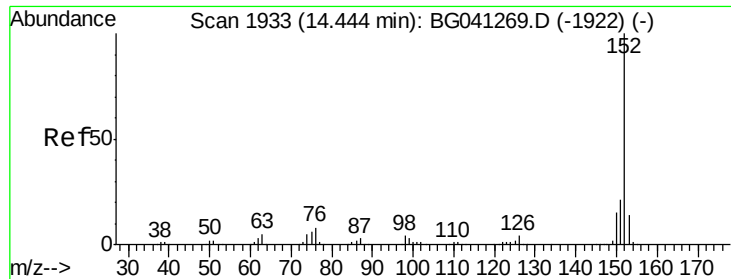
Tgt Ion: 162 Resp: 182043
 Ion Ratio Lower Upper
 162 100
 127 38.7 31.0 46.4
 164 32.1 26.1 39.1



#48
 2-Nitroaniline
 Concen: 29.163 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion: 65 Resp: 61772
 Ion Ratio Lower Upper
 65 100
 92 59.9 47.4 71.2
 138 83.3 64.7 97.1





#49

Acenaphthylene

Concen: 32.064 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

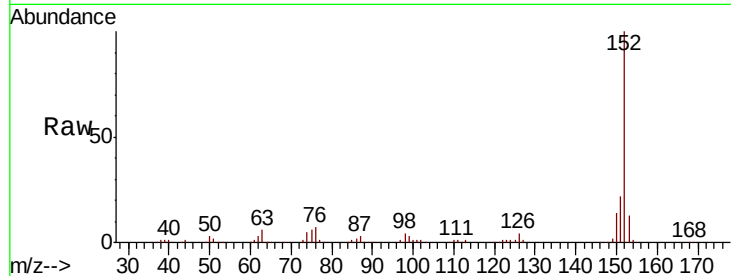
Tgt Ion:152 Resp: 281403

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

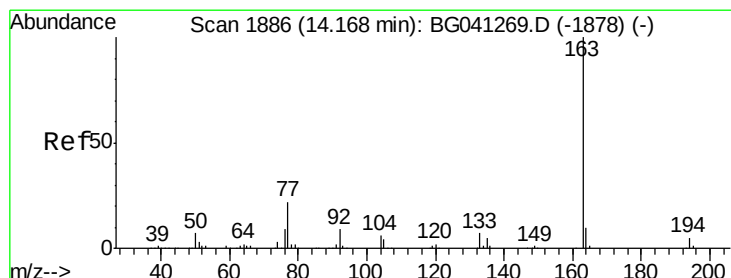
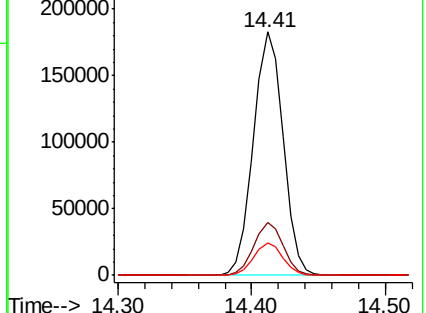
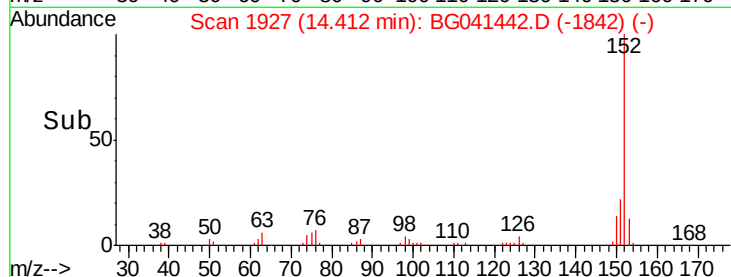
153 13.4 10.8 16.2



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: 37.947 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

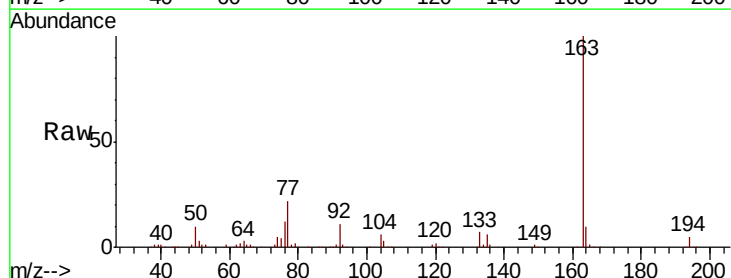
Tgt Ion:163 Resp: 300020

Ion Ratio Lower Upper

163 100

194 4.9 3.9 5.9

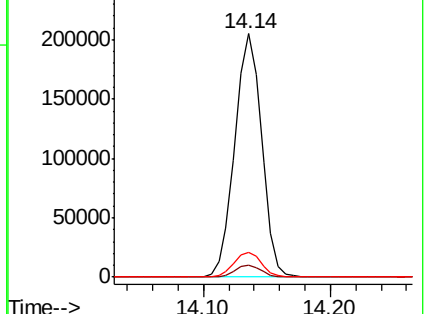
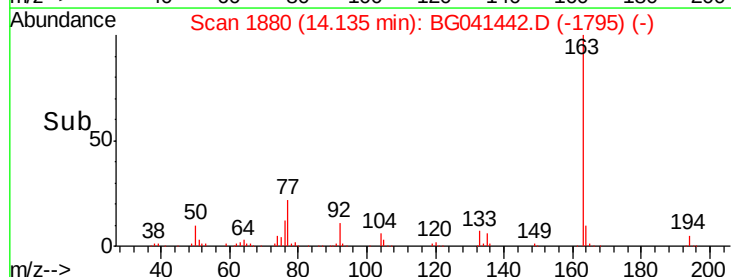
164 10.3 8.3 12.5

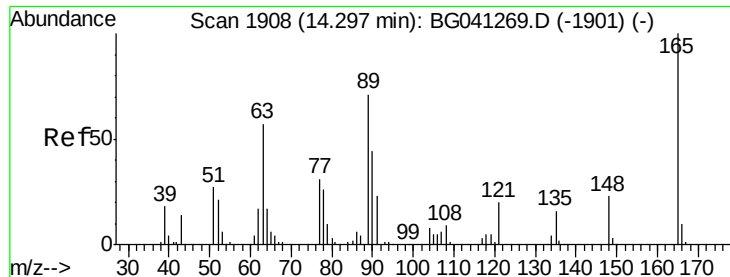


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

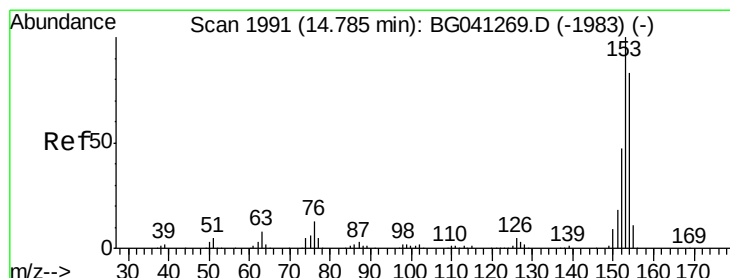
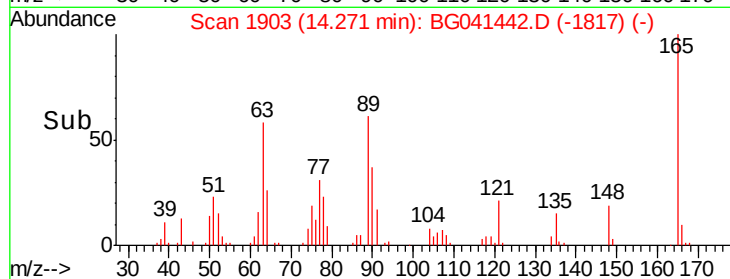
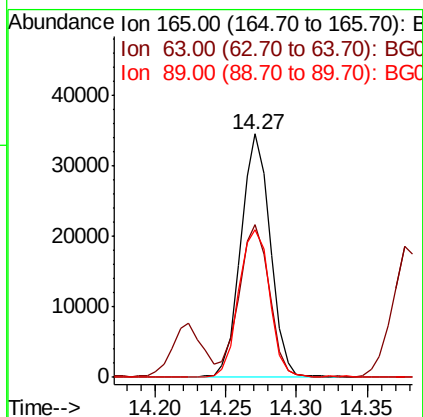
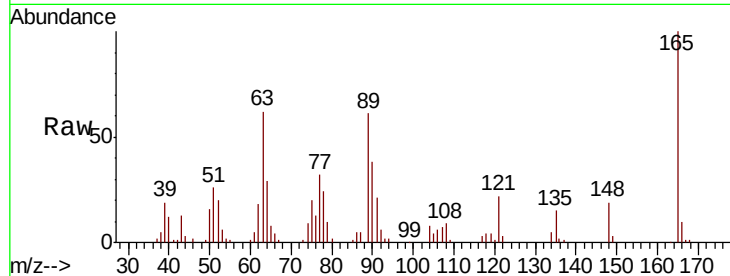




#51
2,6-Dinitrotoluene
Concen: 30.276 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

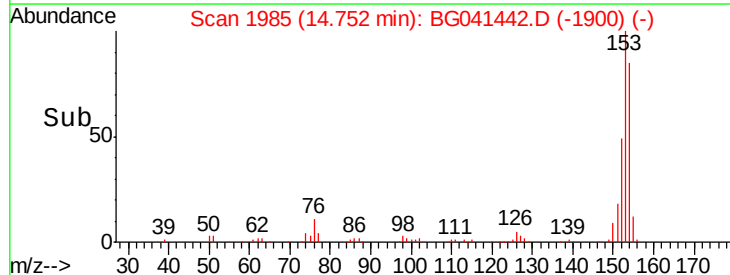
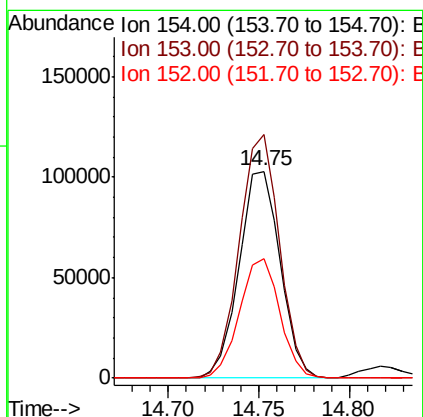
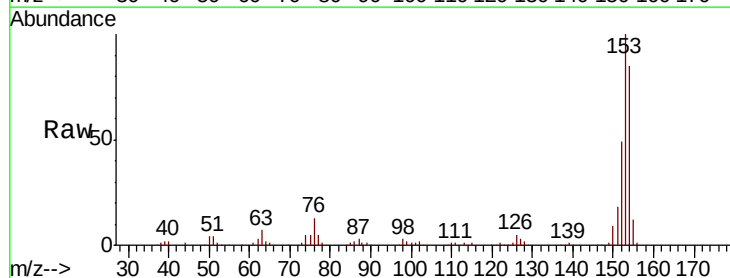
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

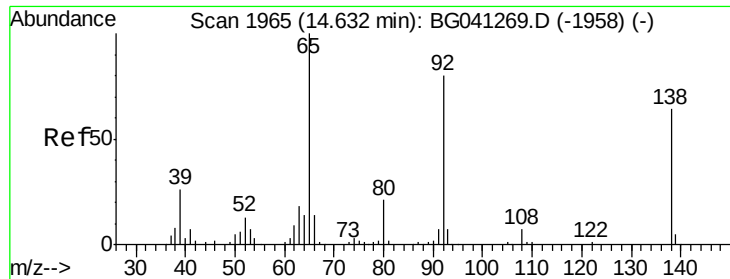
Tgt Ion:165 Resp: 50473
Ion Ratio Lower Upper
165 100
63 62.5 55.4 83.0
89 60.8 56.5 84.7



#52
Acenaphthene
Concen: 31.501 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion:154 Resp: 162341
Ion Ratio Lower Upper
154 100
153 117.8 96.6 145.0
152 57.6 45.5 68.3

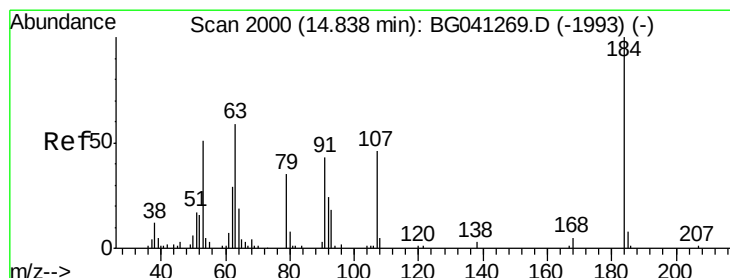
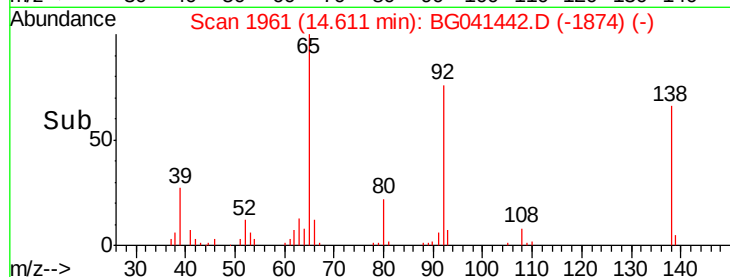
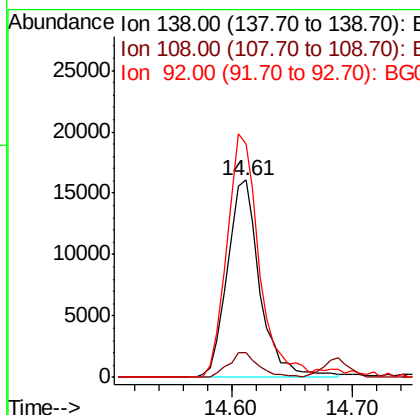
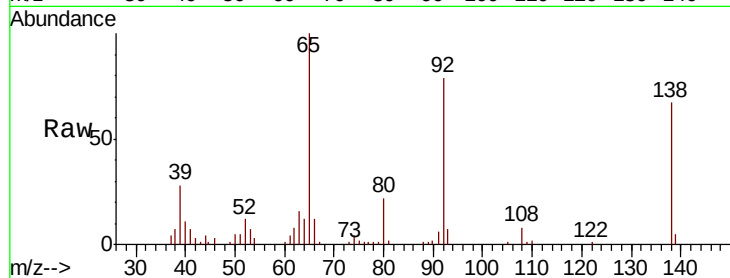




#53
 3-Nitroaniline
 Concen: 18.283 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.02 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

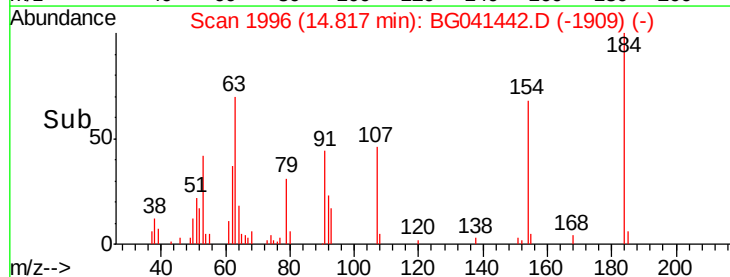
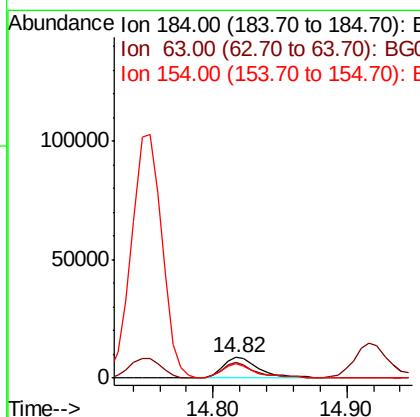
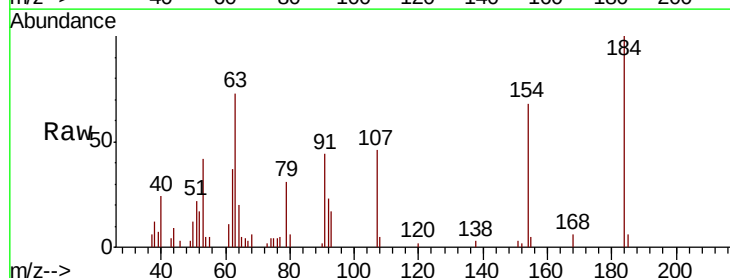
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

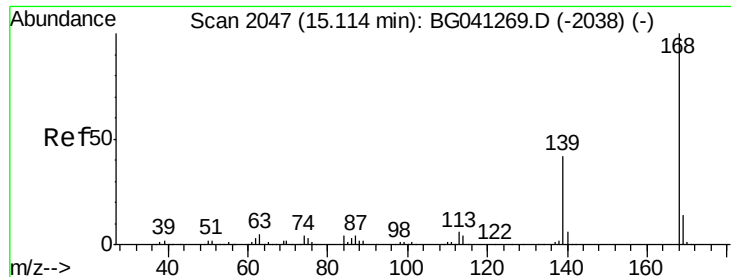
Tgt Ion:138 Resp: 30030
 Ion Ratio Lower Upper
 138 100
 108 12.6 8.3 12.5#
 92 118.2 100.2 150.4



#54
 2,4-Dinitrophenol
 Concen: 18.337 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion:184 Resp: 17215
 Ion Ratio Lower Upper
 184 100
 63 73.1 60.0 90.0
 154 68.3 58.3 87.5

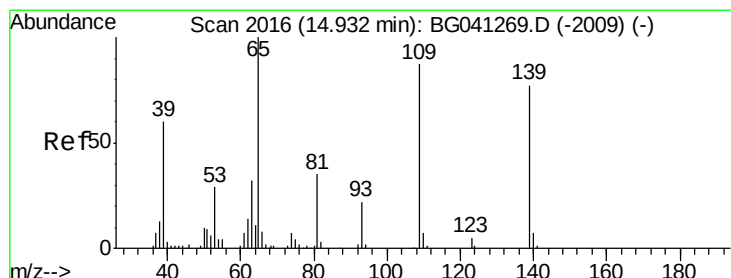
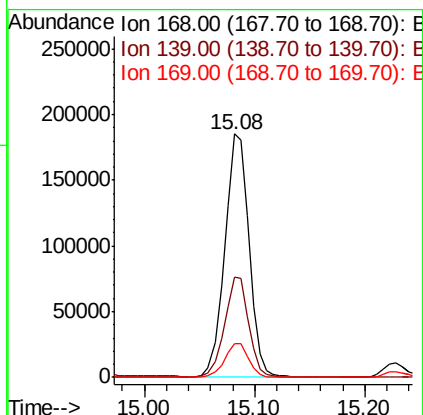
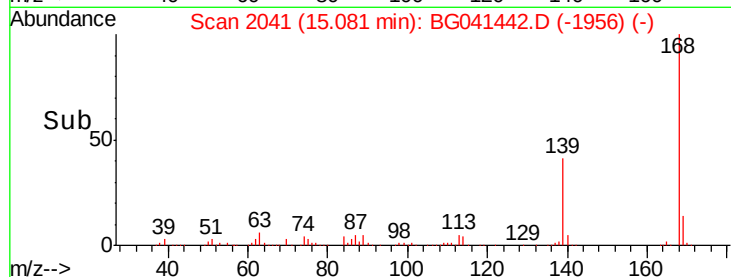
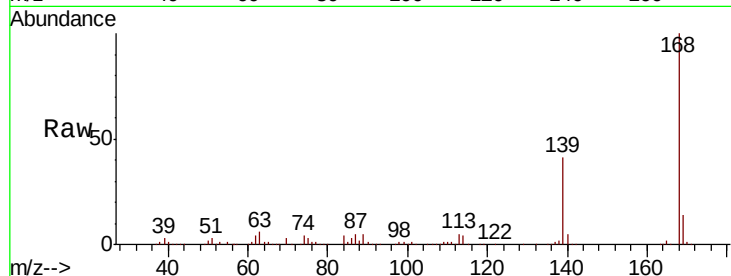




#55
Dibenzofuran
Concen: 31.860 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

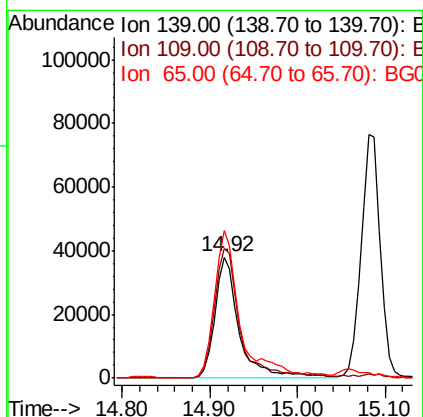
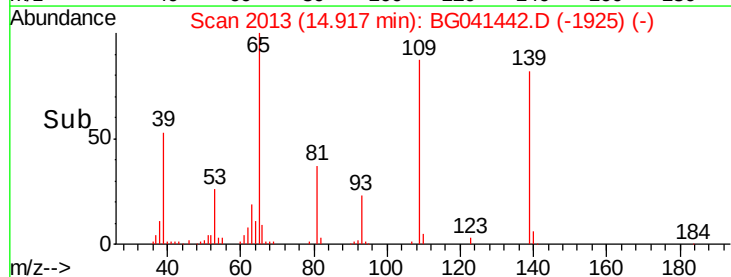
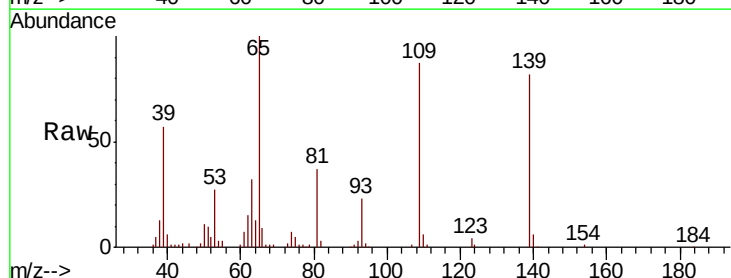
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

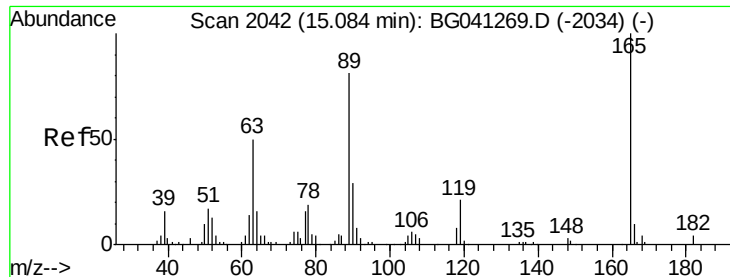
Tgt Ion:168 Resp: 285475
Ion Ratio Lower Upper
168 100
139 41.3 33.6 50.4
169 13.9 10.8 16.2



#56
4-Nitrophenol
Concen: 59.642 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion:139 Resp: 73355
Ion Ratio Lower Upper
139 100
109 106.8 93.2 133.2
65 122.3 110.2 150.2

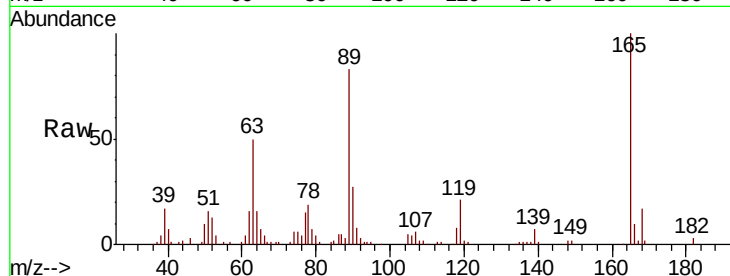




#57
2,4-Dinitrotoluene
Concen: 27.358 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	66669		
63	50.1	40.0	60.0	
89	82.8	64.6	96.8	
182	3.2	2.9	4.3	



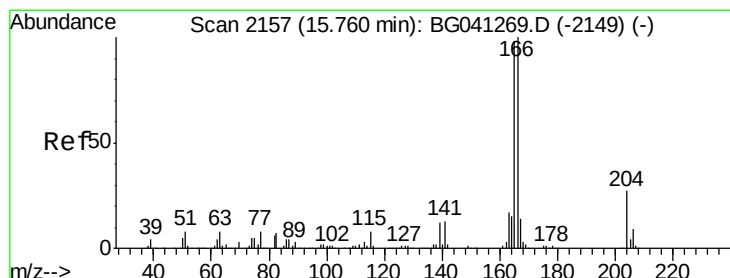
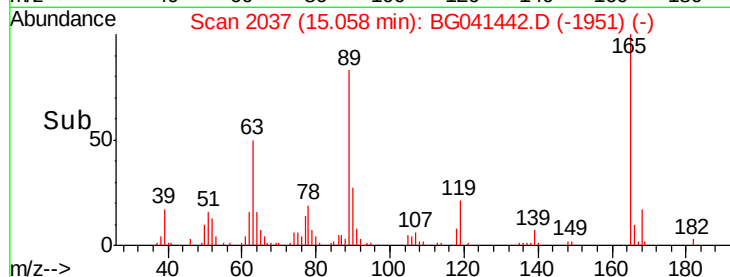
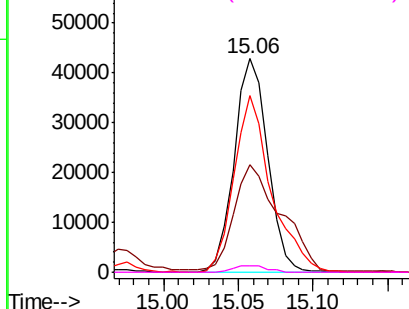
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

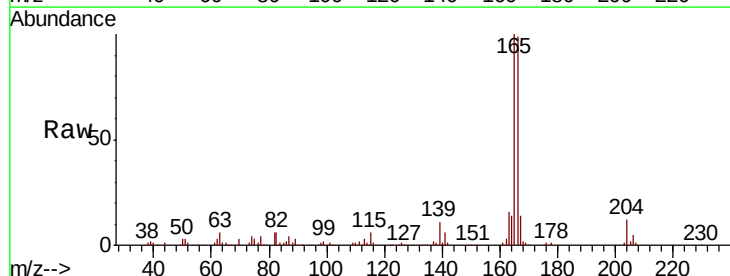
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 31.428 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	221523		
165	101.3	78.8	118.2	
167	14.0	11.3	16.9	

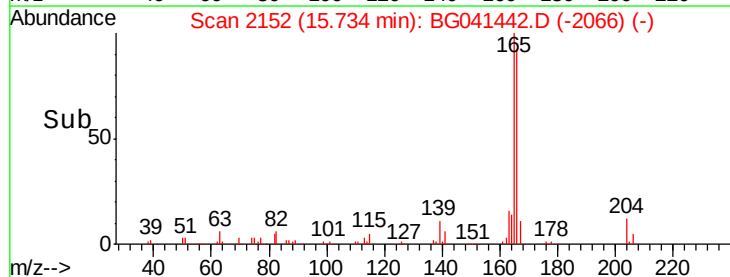
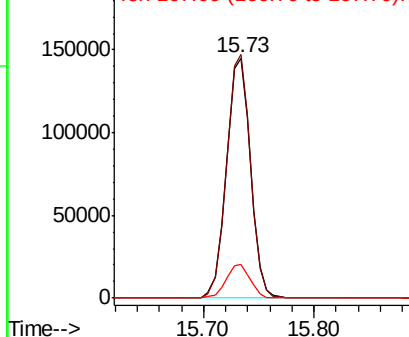


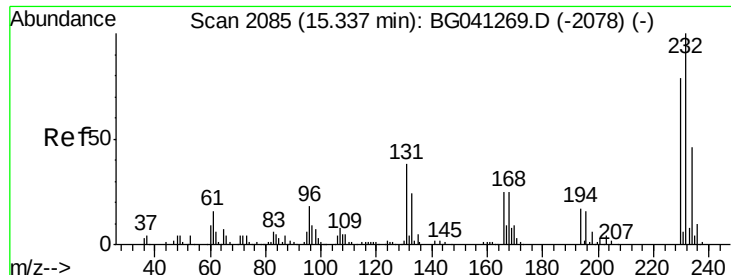
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

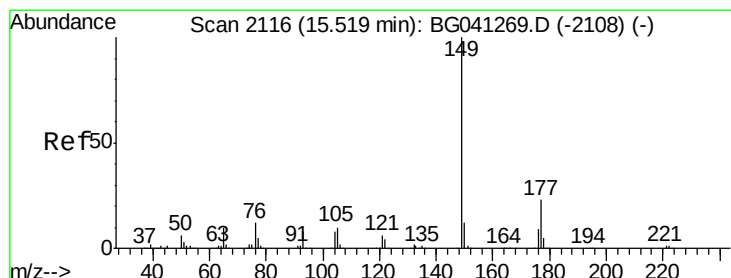
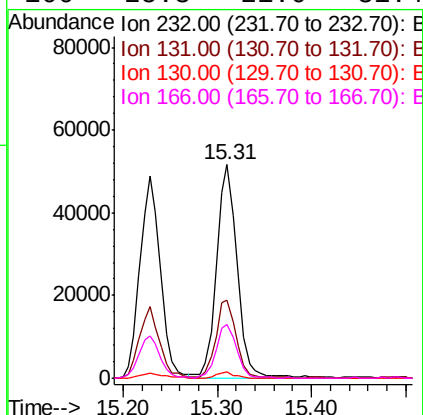
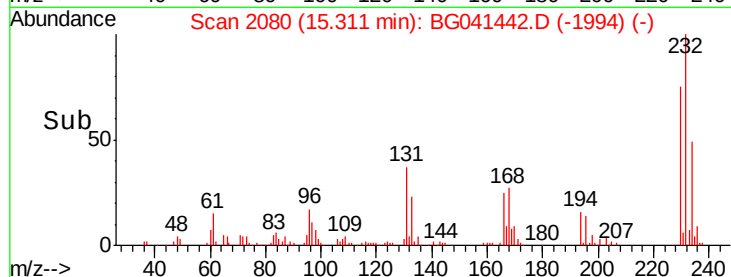
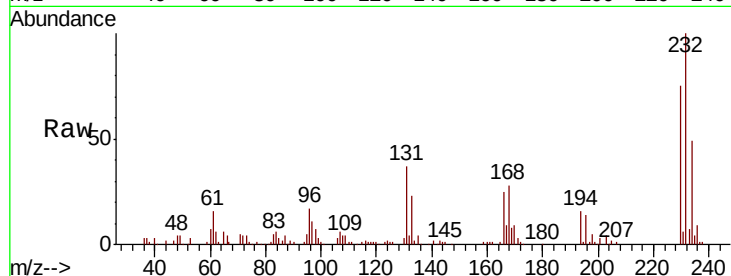




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.857 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

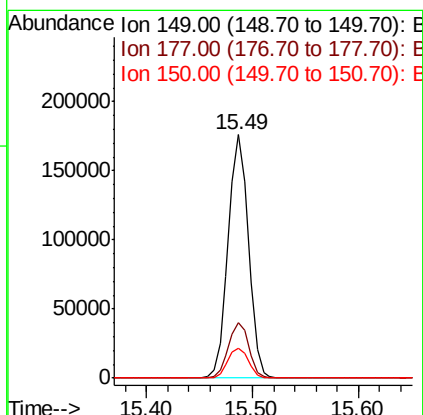
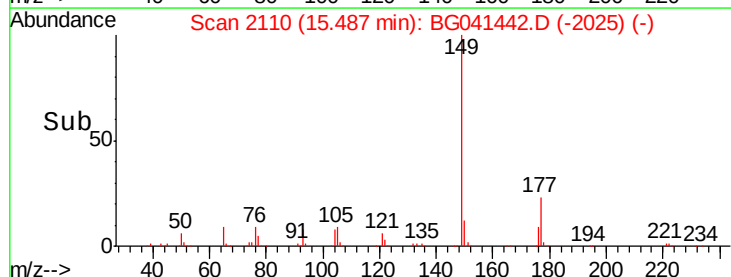
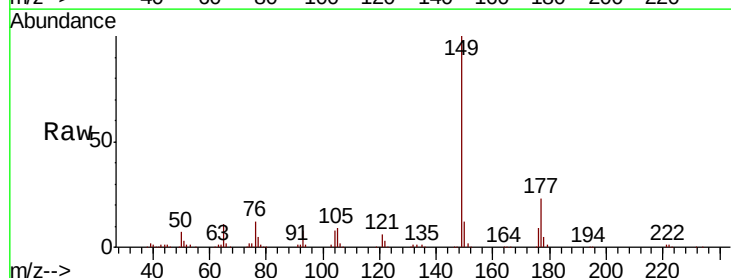
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

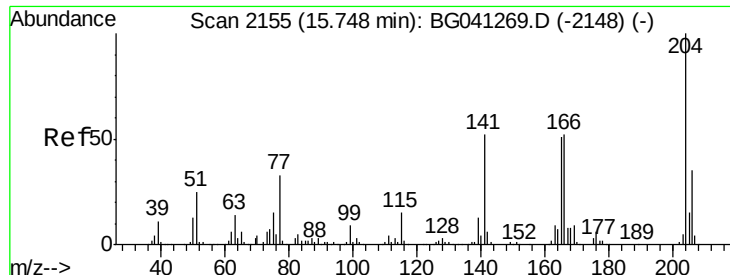
Tgt Ion:	232	Resp:	79355
Ion	Ratio	Lower	Upper
232	100		
131	36.4	29.0	43.6
130	2.5	1.6	2.4
166	25.3	21.0	31.4



#60
 Diethylphthalate
 Concen: 29.132 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion:	149	Resp:	234107
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.4	27.6
150	12.2	9.9	14.9

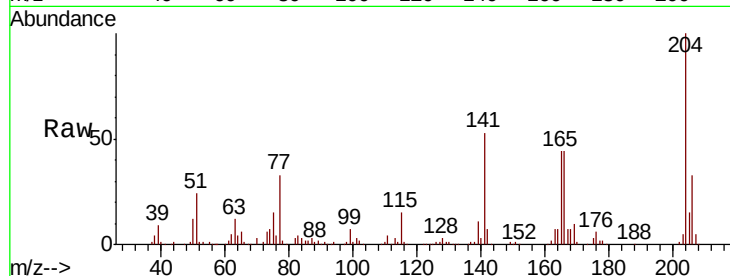




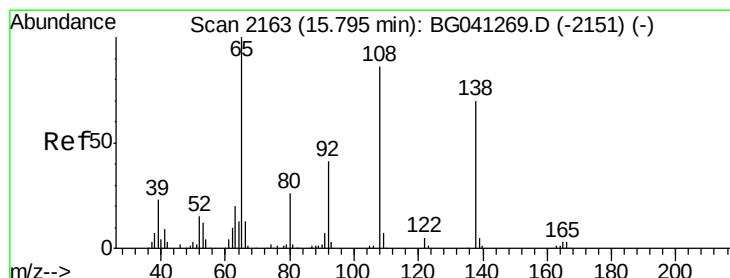
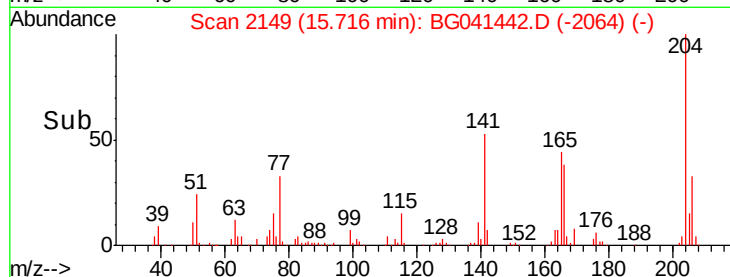
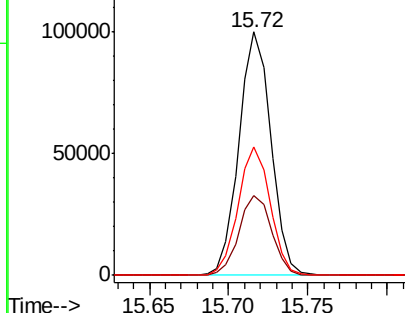
#61
 4-Chlorophenyl-phenylether
 Concen: 30.498 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tgt Ion: 204 Resp: 139865
 Ion Ratio Lower Upper
 204 100
 206 33.0 27.9 41.9
 141 53.0 41.4 62.0

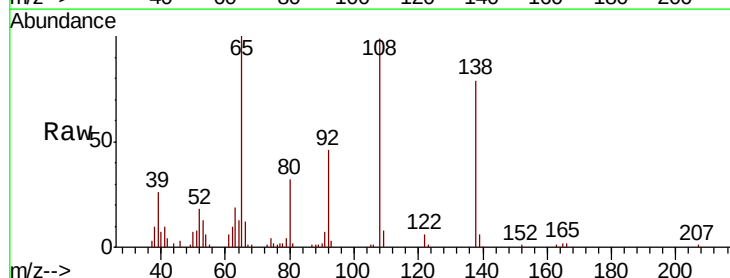


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

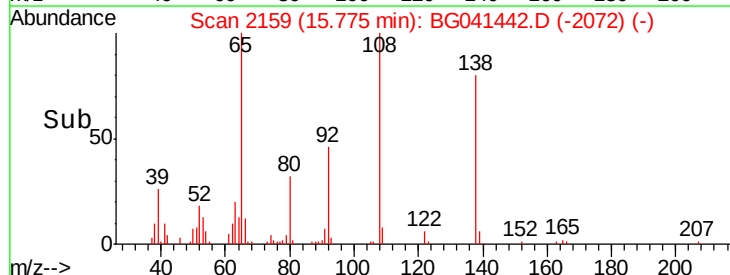
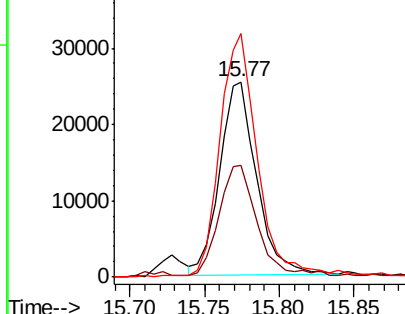


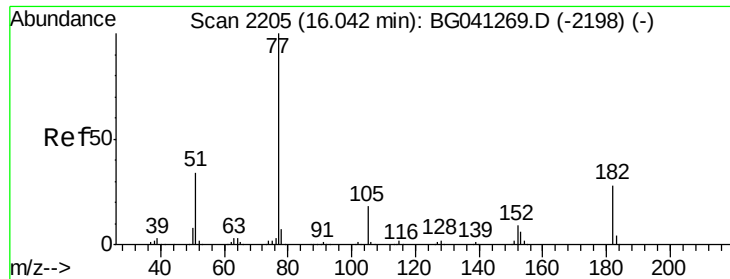
#62
 4-Nitroaniline
 Concen: 24.883 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.02 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion: 138 Resp: 43712
 Ion Ratio Lower Upper
 138 100
 92 57.5 38.8 78.8
 108 124.9 103.4 143.4



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: 29.382 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

Tgt Ion: 77 Resp: 210646

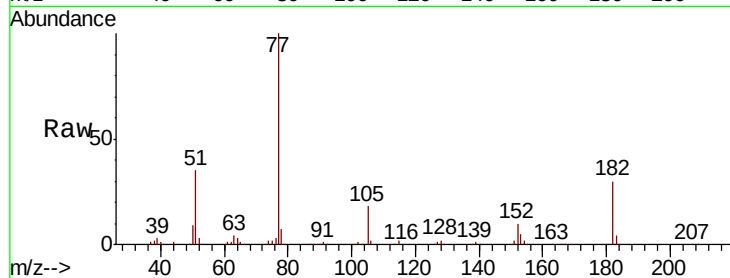
Ion Ratio Lower Upper

77 100

182 30.4 7.5 47.5

105 17.7 0.0 37.7

51 34.8 14.6 54.6

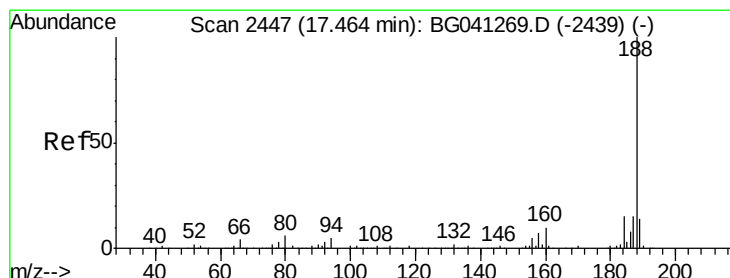
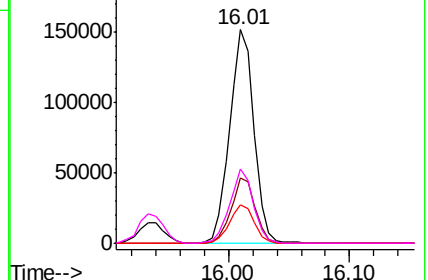
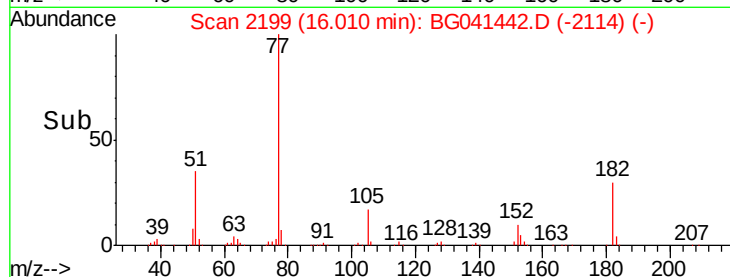


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG041442.D

Acq: 25 Jun 2019 4:11

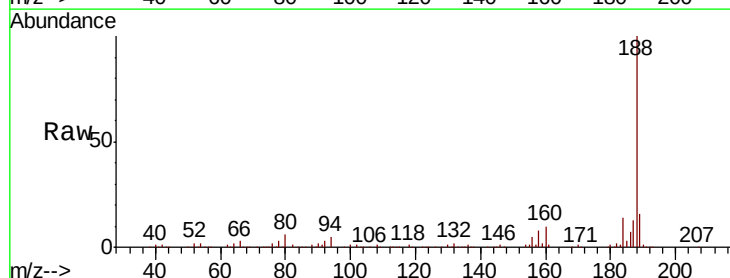
Tgt Ion: 188 Resp: 216921

Ion Ratio Lower Upper

188 100

94 4.7 3.6 5.4

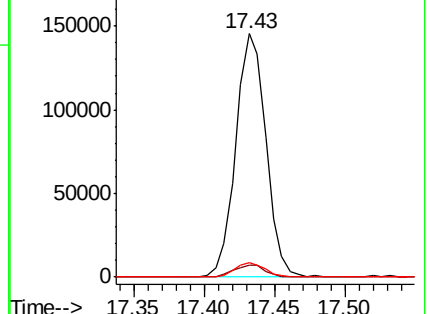
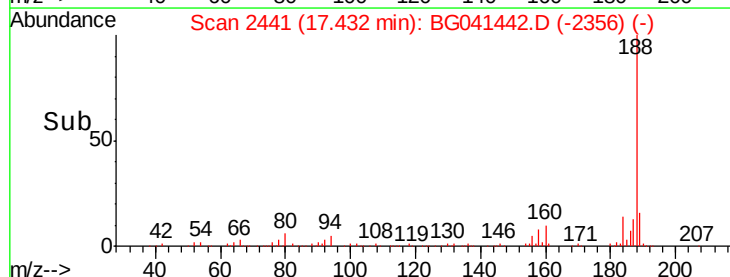
80 5.8 4.8 7.2

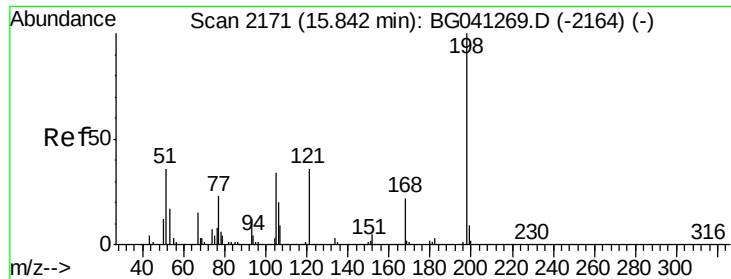


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

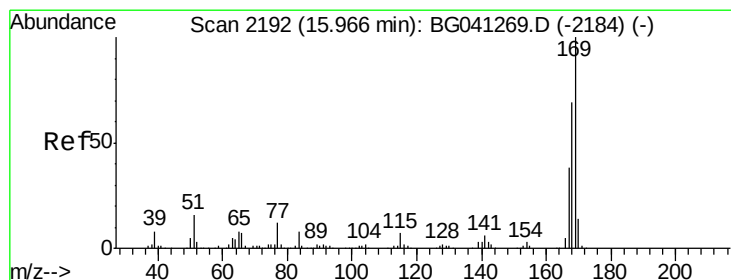
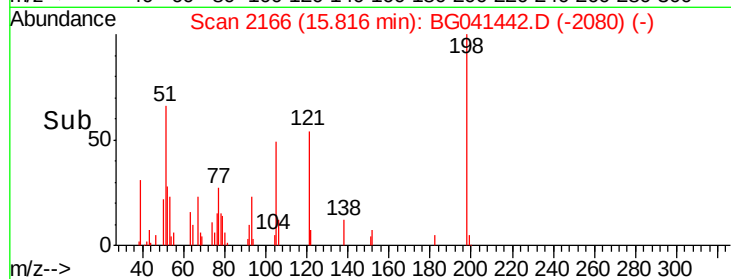
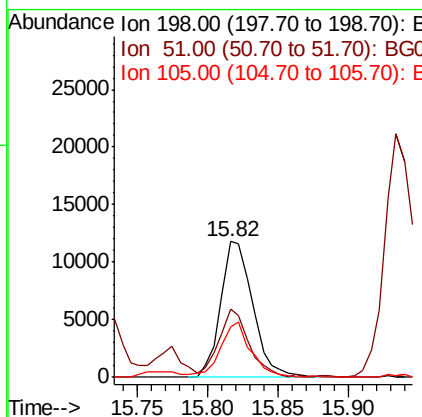
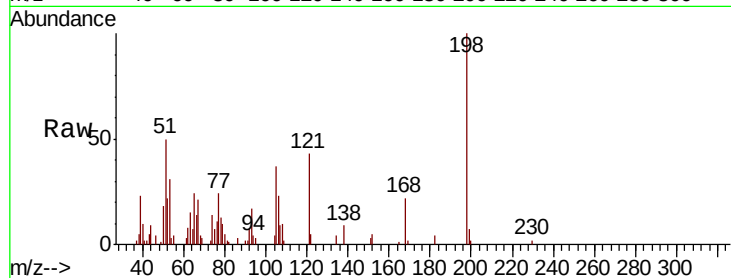




#65
 4,6-Dinitro-2-methylphenol
 Concen: 13.362 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

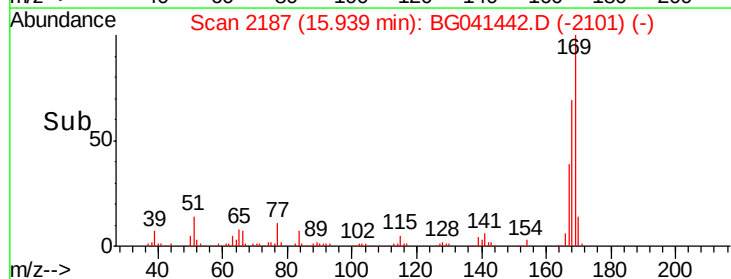
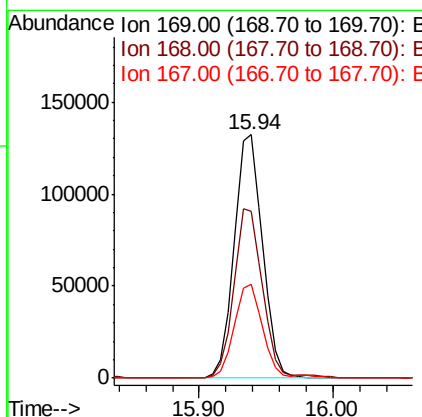
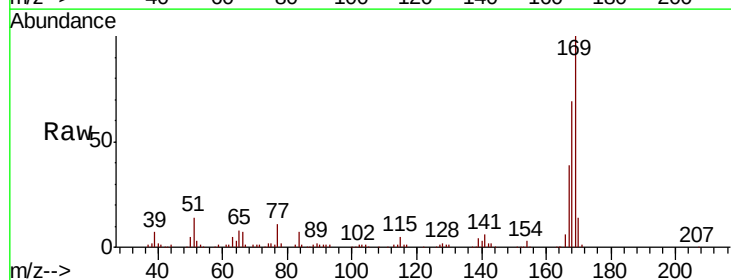
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

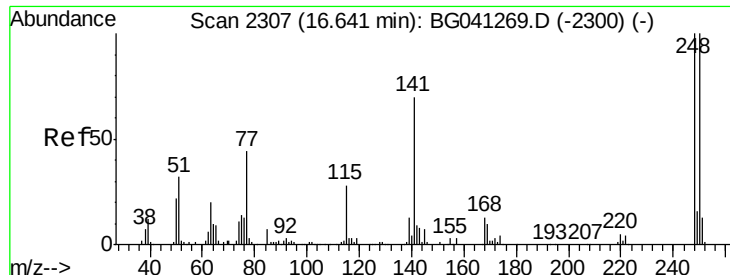
Tgt Ion:198 Resp: 18814
 Ion Ratio Lower Upper
 198 100
 51 50.4 23.4 63.4
 105 37.3 15.8 55.8



#66
 n-Nitrosodiphenylamine
 Concen: 33.831 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion:169 Resp: 194858
 Ion Ratio Lower Upper
 169 100
 168 68.7 55.2 82.8
 167 38.6 30.4 45.6

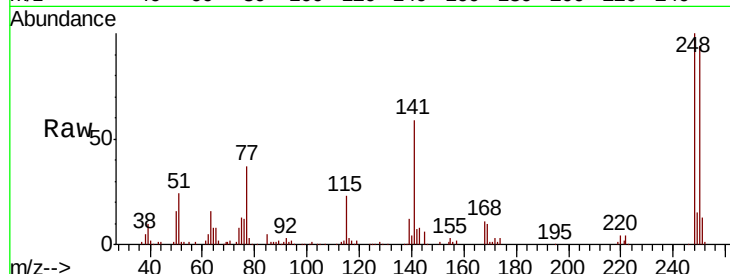




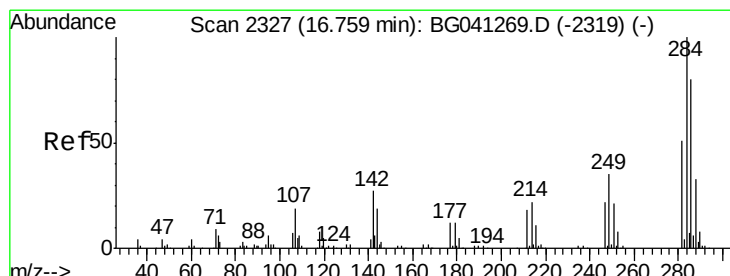
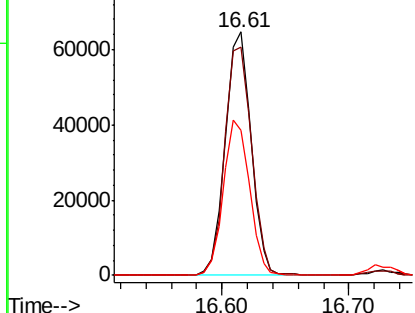
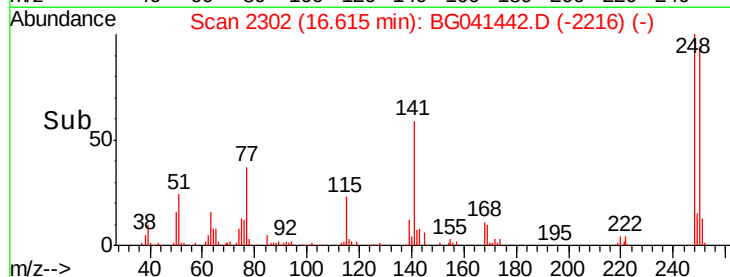
#67
 4-Bromophenyl-phenylether
 Concen: 32.524 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tgt Ion:248 Resp: 91225
 Ion Ratio Lower Upper
 248 100
 250 94.0 79.8 119.8
 141 59.4 55.8 83.6

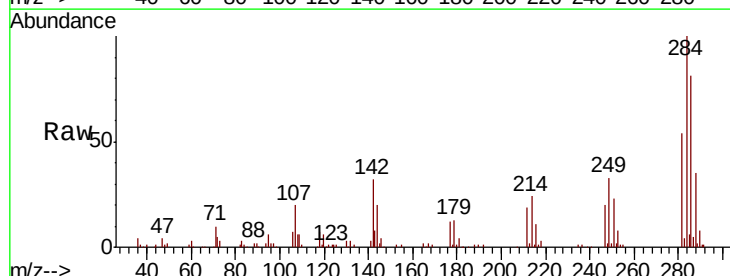


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

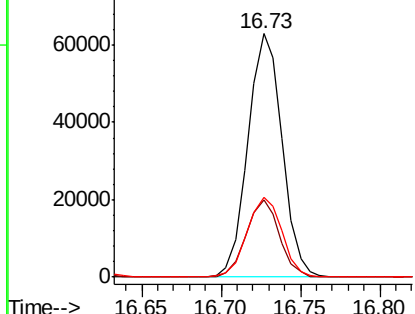
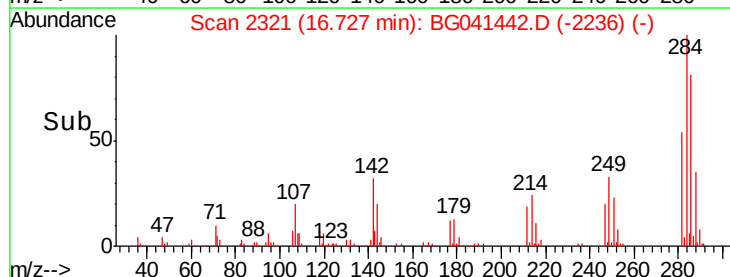


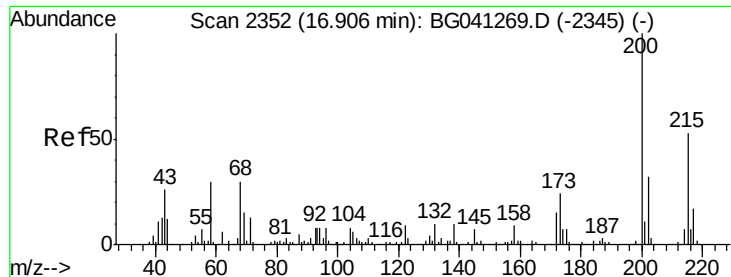
#68
 Hexachlorobenzene
 Concen: 31.328 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion:284 Resp: 94096
 Ion Ratio Lower Upper
 284 100
 142 31.7 21.8 32.8
 249 32.8 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

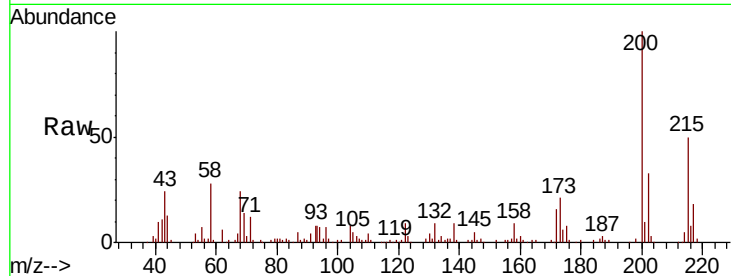




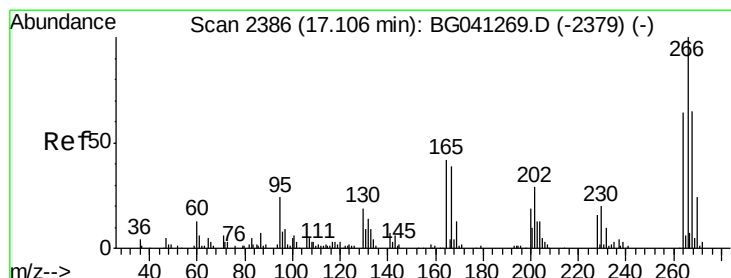
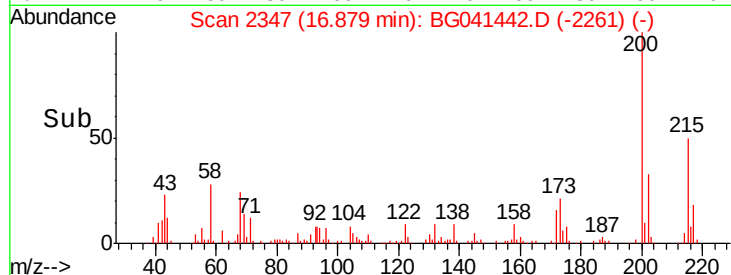
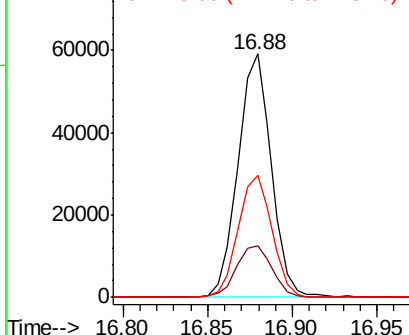
#69
 Atrazine
 Concen: 36.250 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.4	4.0	44.0
215	50.2	33.4	73.4

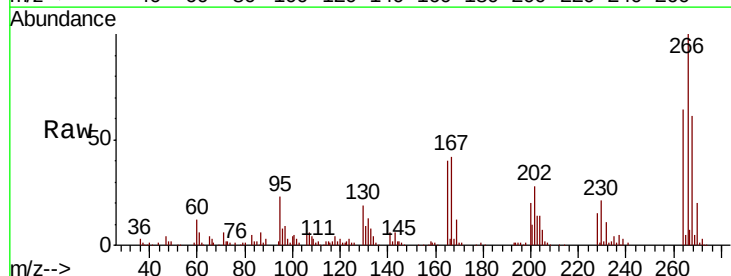


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

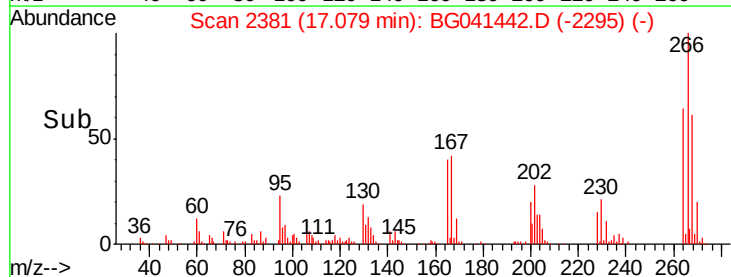
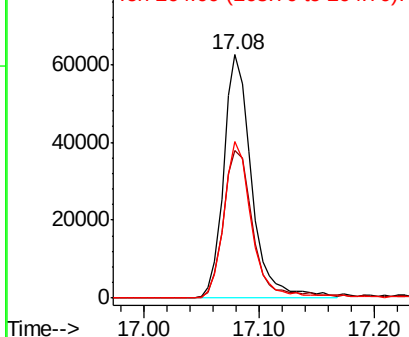


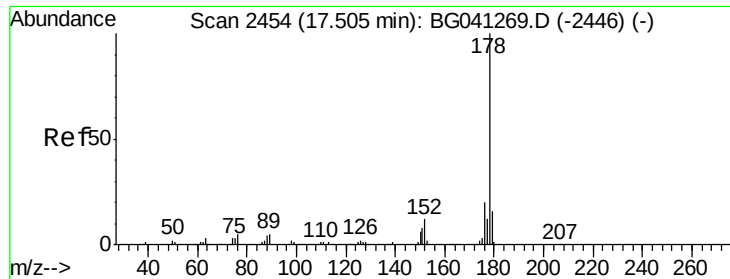
#70
 Pentachlorophenol
 Concen: 68.326 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.0	78.0
264	64.4	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

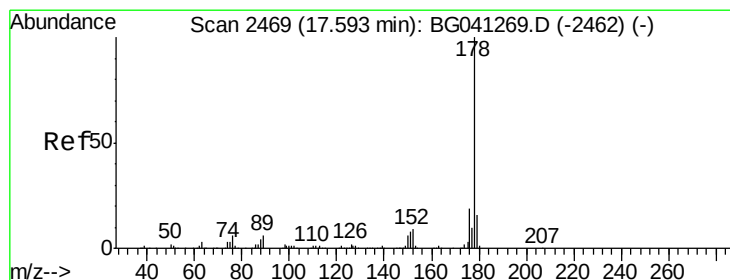
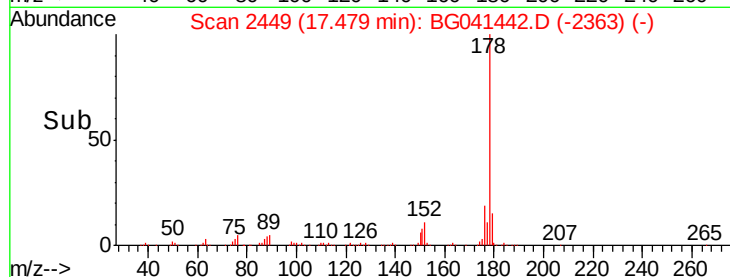
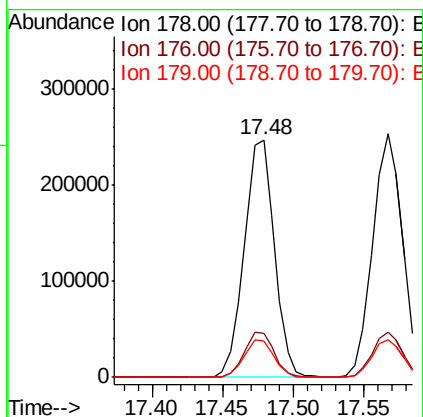
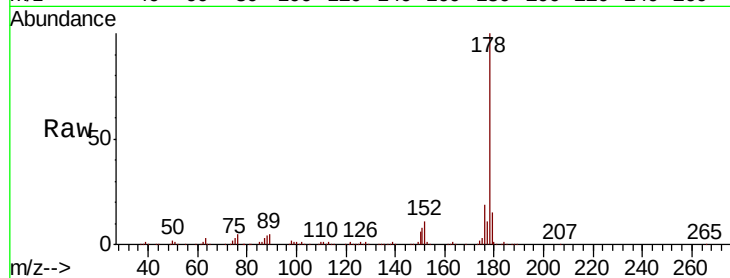




#71
Phenanthrene
Concen: 32.105 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

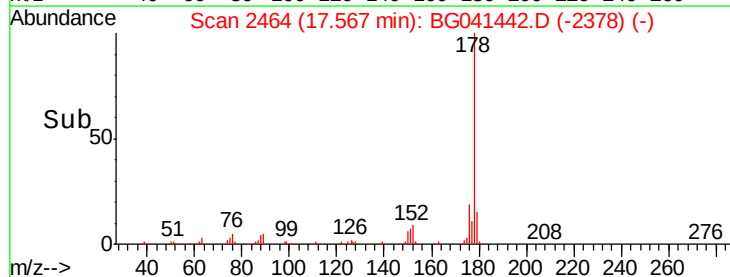
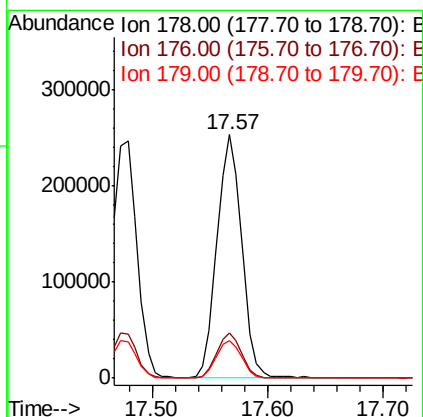
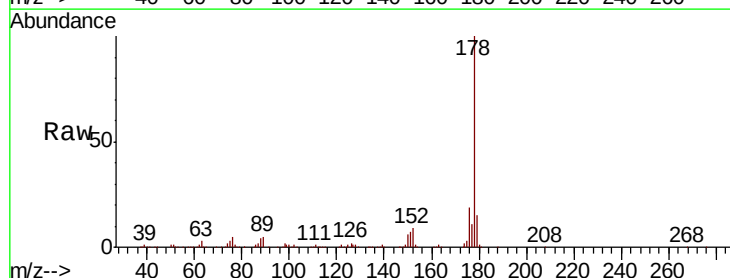
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

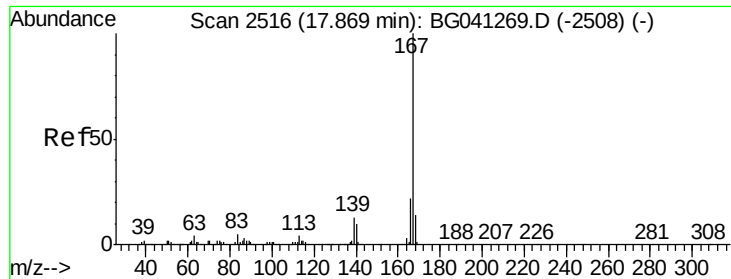
Tgt Ion:178 Resp: 371430
Ion Ratio Lower Upper
178 100
176 18.7 16.1 24.1
179 15.5 12.9 19.3



#72
Anthracene
Concen: 32.942 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.03 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion:178 Resp: 375721
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.4 13.0 19.4

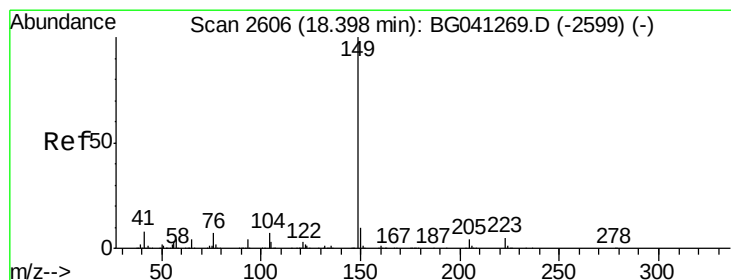
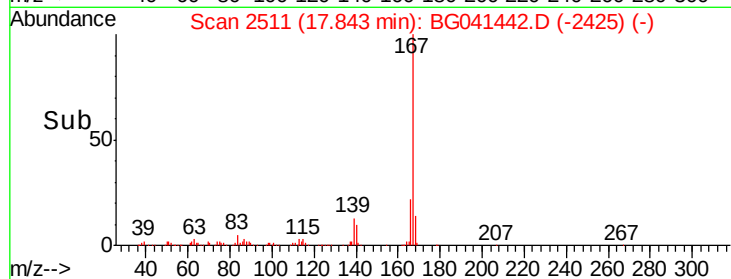
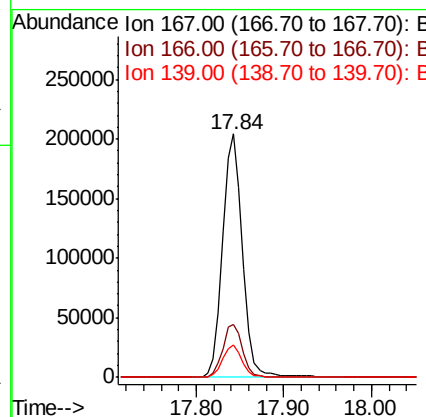
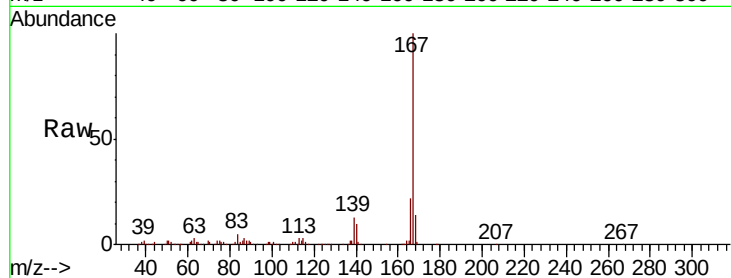




#73
 Carbazole
 Concen: 32.163 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

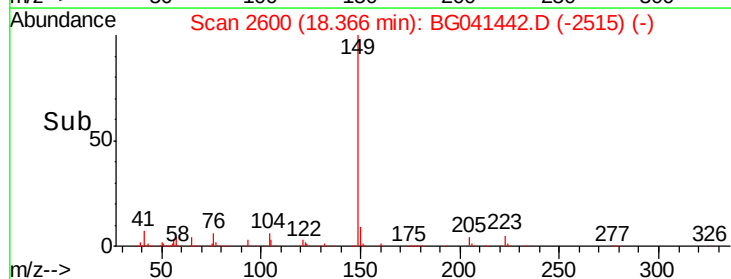
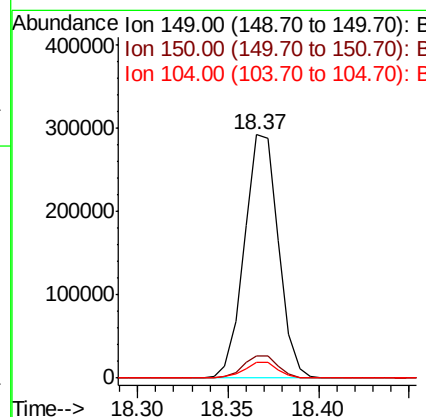
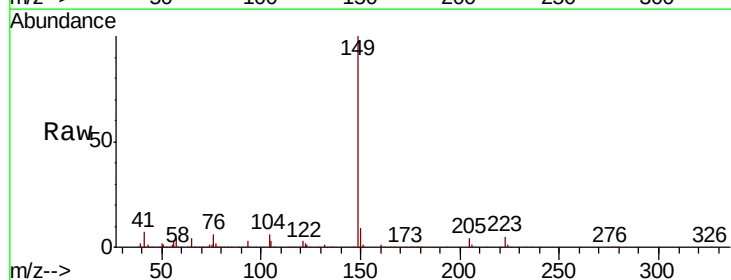
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

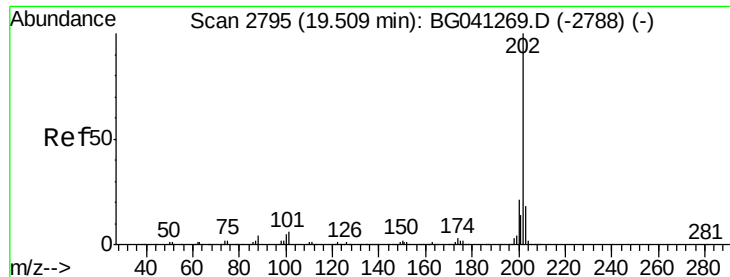
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	13.2	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 30.635 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.03 min
 Lab File: BG041442.D
 Acq: 25 Jun 2019 4:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.1	12.1
104	6.4	5.4	8.0





#75

Fluoranthene

Concen: 31.135 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

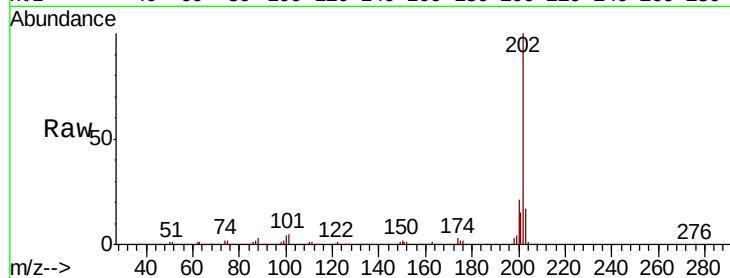
Tgt Ion:202 Resp: 478541

Ion Ratio Lower Upper

202 100

101 4.9 0.0 26.0

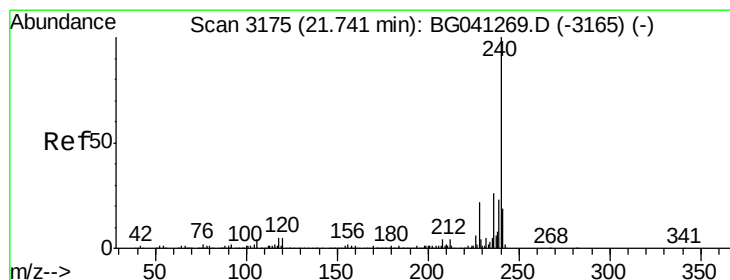
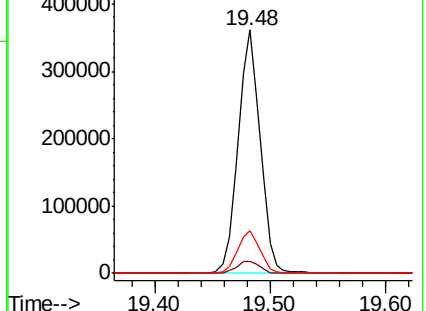
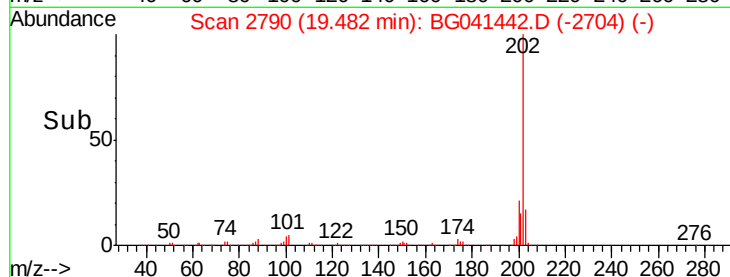
203 17.4 0.0 37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

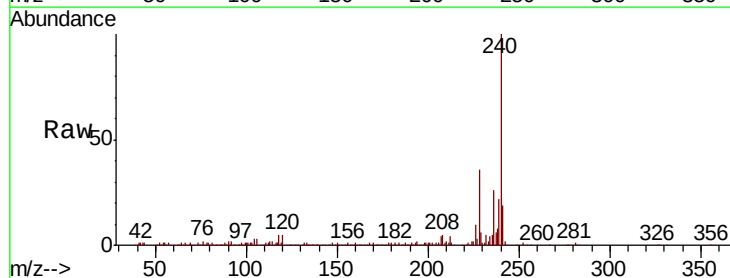
Tgt Ion:240 Resp: 213194

Ion Ratio Lower Upper

240 100

120 4.5 3.7 5.5

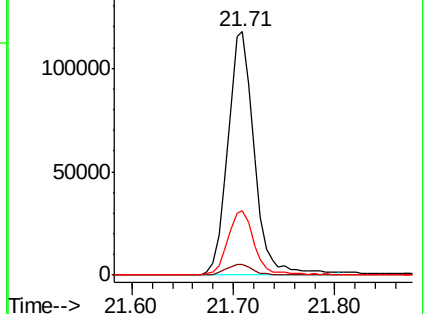
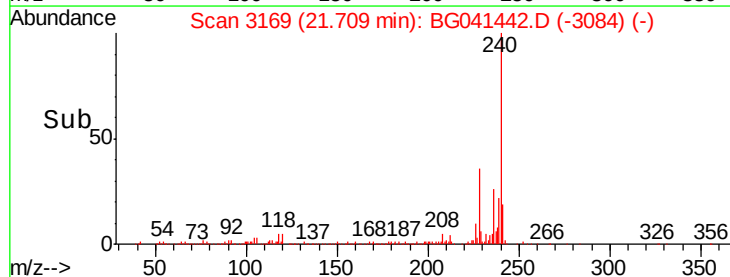
236 26.4 21.1 31.7

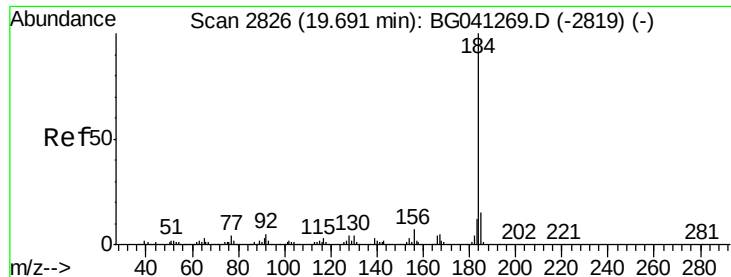


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.041 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

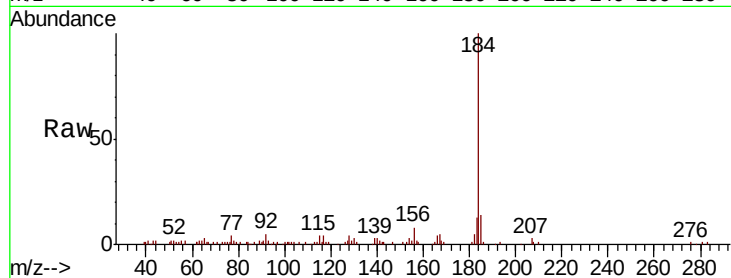
Tgt Ion:184 Resp: 67247

Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.2

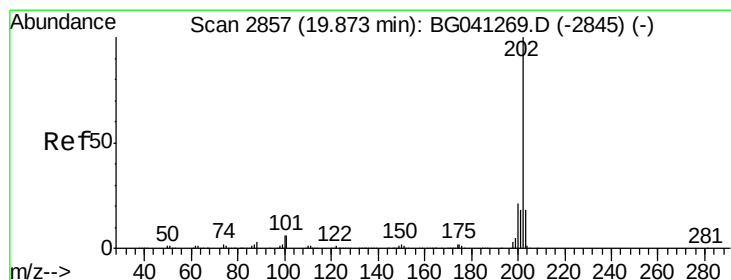
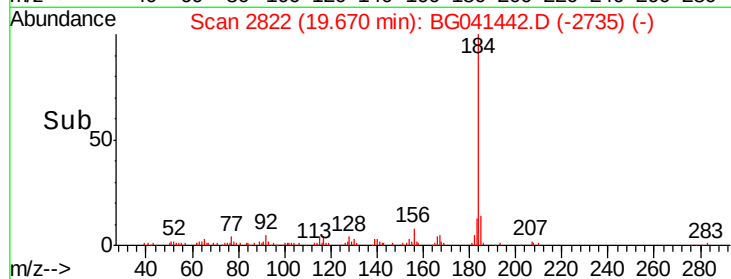
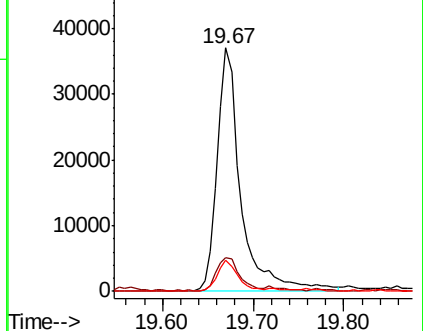
183 12.6 9.6 14.4



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: 33.825 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

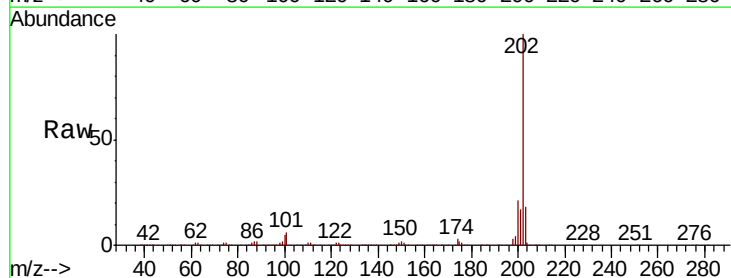
Tgt Ion:202 Resp: 486333

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

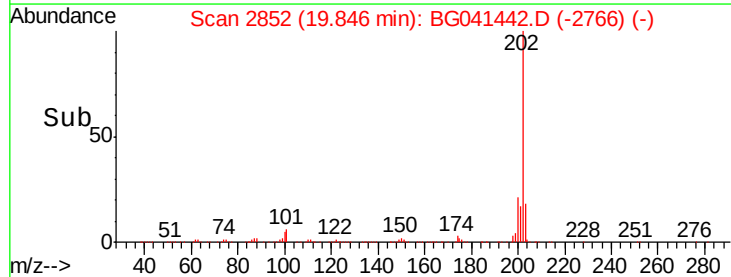
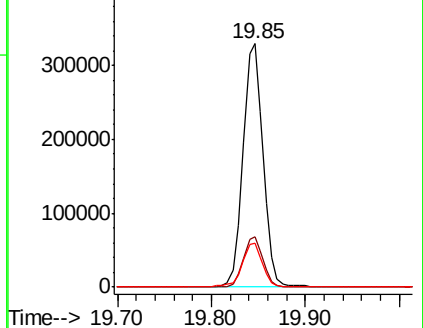
203 18.0 14.6 21.8

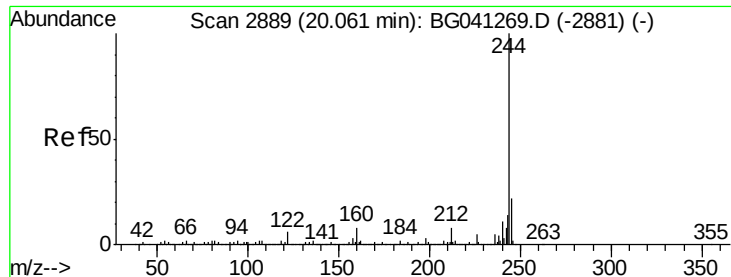


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.276 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

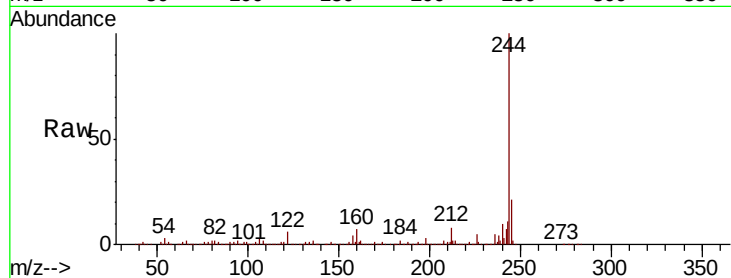
Tgt Ion:244 Resp: 756003

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

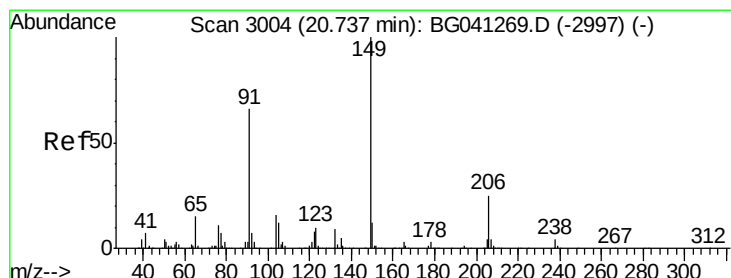
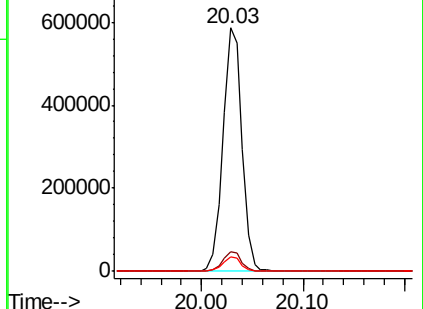
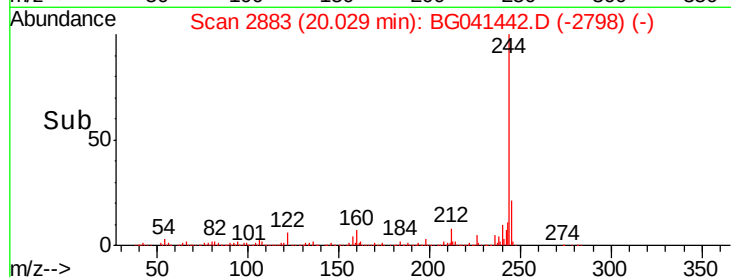
122 6.1 5.0 7.4



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: 31.825 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

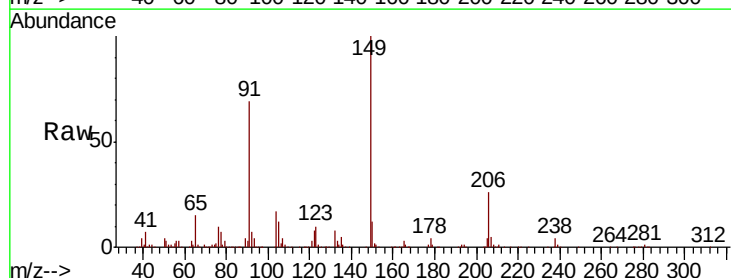
Tgt Ion:149 Resp: 173075

Ion Ratio Lower Upper

149 100

91 69.2 53.2 79.8

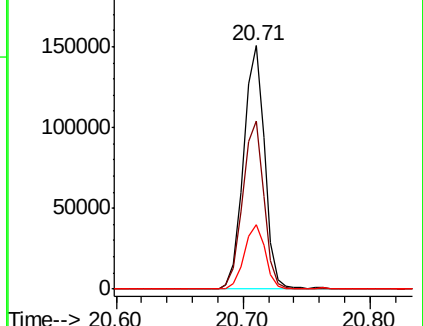
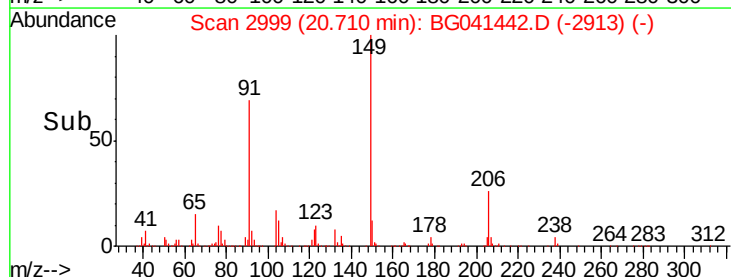
206 26.4 20.3 30.5

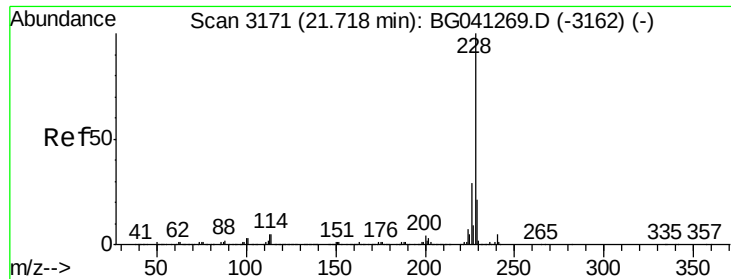


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.318 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

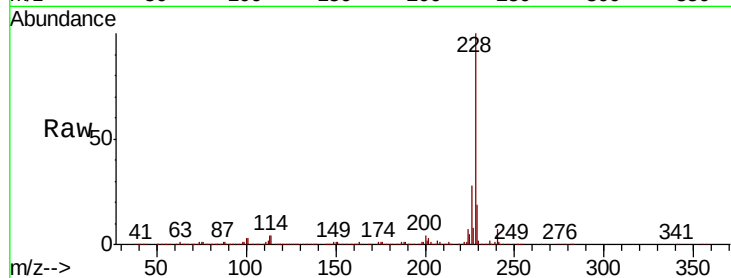
Tgt Ion:228 Resp: 452077

Ion Ratio Lower Upper

228 100

226 27.6 23.2 34.8

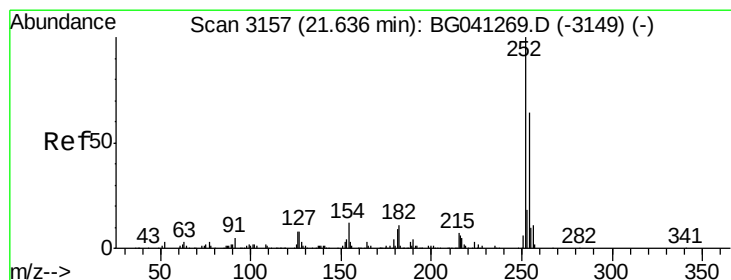
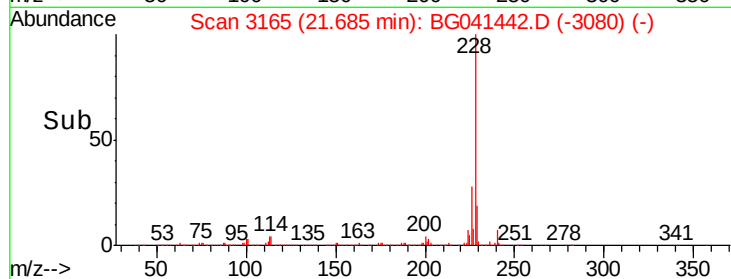
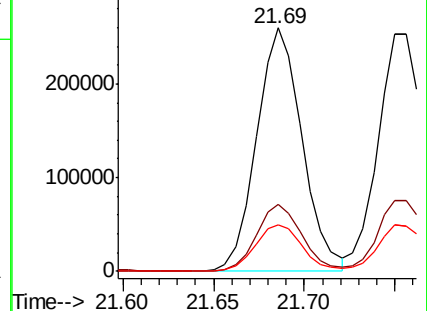
229 18.9 16.8 25.2



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: 22.155 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.04 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

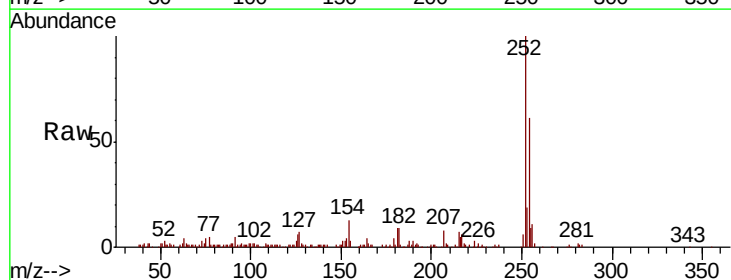
Tgt Ion:252 Resp: 112266

Ion Ratio Lower Upper

252 100

254 60.8 51.4 77.0

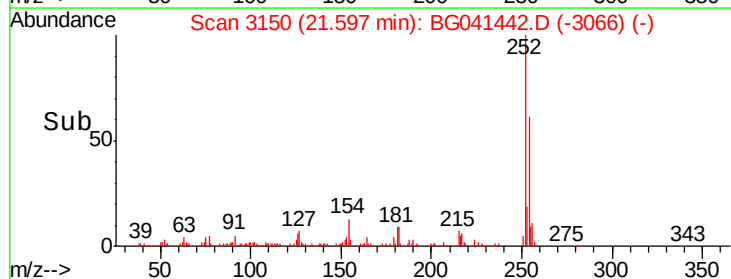
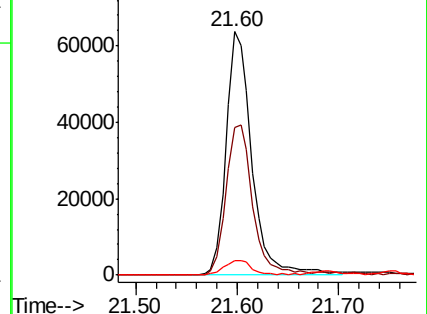
126 6.1 6.0 9.0

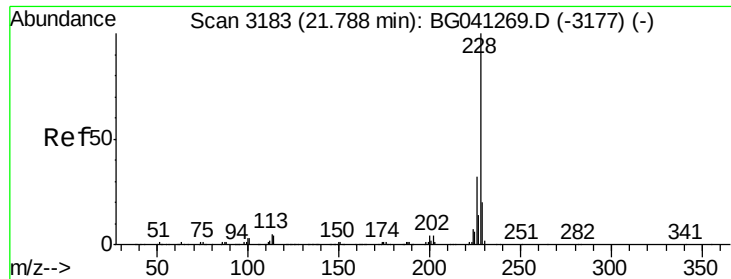


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.658 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.04 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

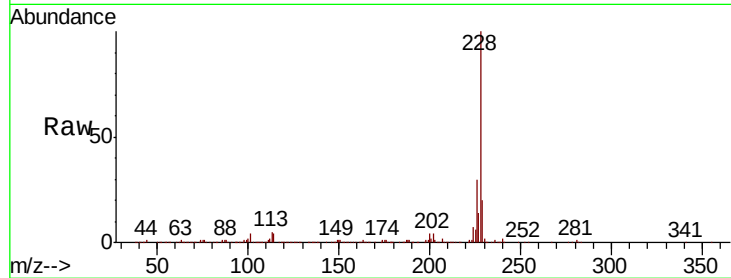
Tgt Ion:228 Resp: 481123

Ion Ratio Lower Upper

228 100

226 29.8 25.4 38.0

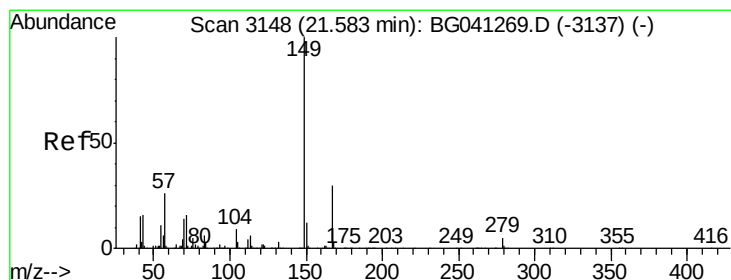
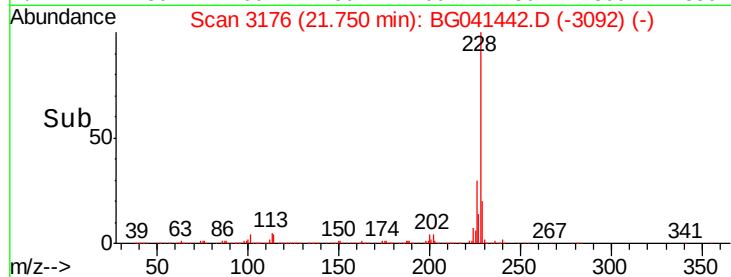
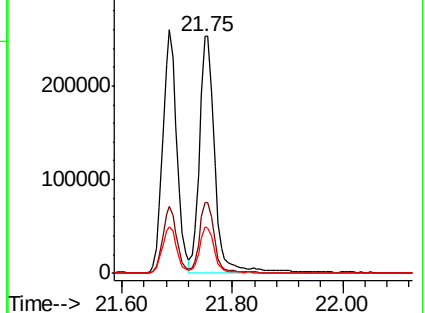
229 19.9 16.2 24.2



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: 33.341 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.03 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

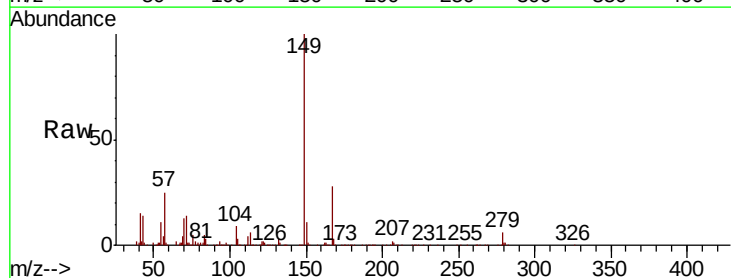
Tgt Ion:149 Resp: 247105

Ion Ratio Lower Upper

149 100

167 27.6 23.8 35.8

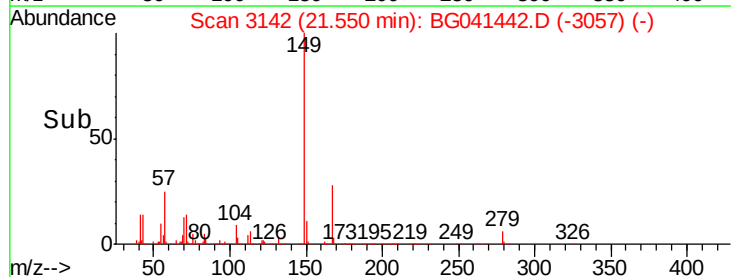
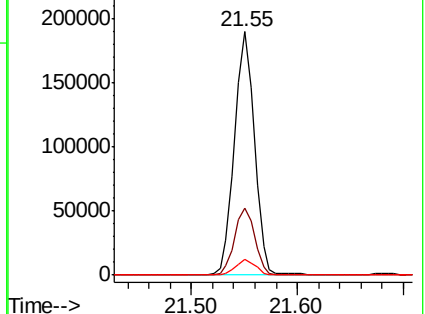
279 6.3 4.4 6.6

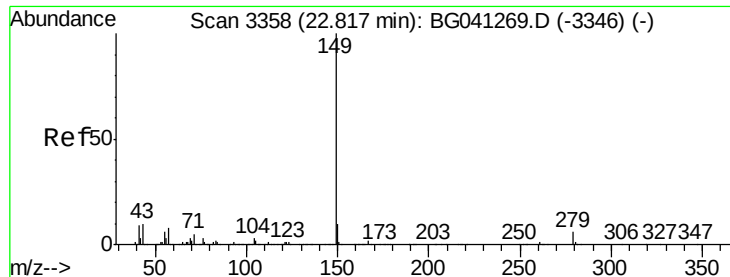


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.093 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.04 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

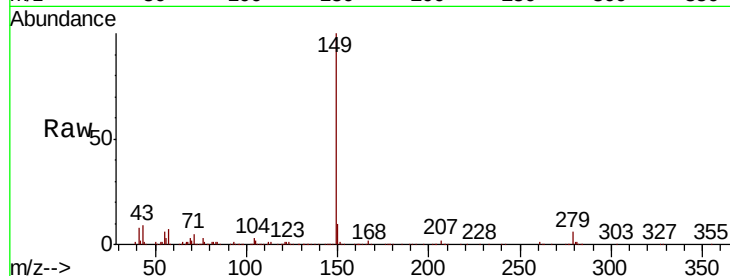
Tgt Ion:149 Resp: 414954

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

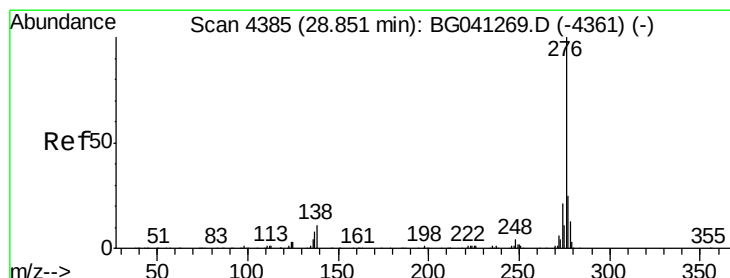
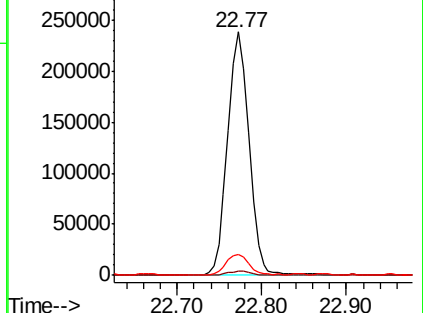
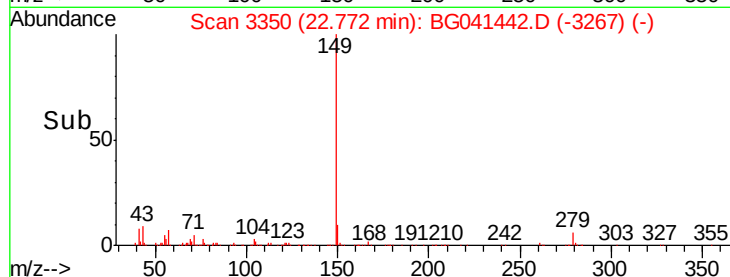
43 8.7 8.2 12.2



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: 18.709 ng

RT: 28.78 min Scan# 4372

Delta R.T. -0.07 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

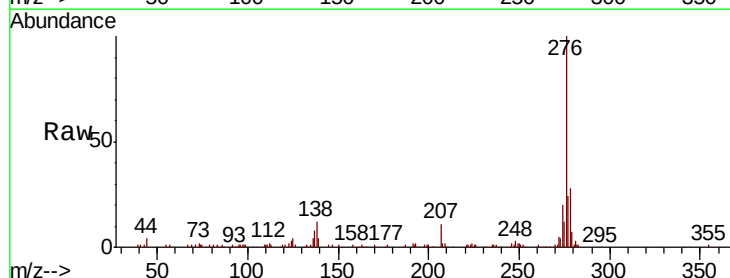
Tgt Ion:276 Resp: 308135

Ion Ratio Lower Upper

276 100

138 5.3 7.7 11.5#

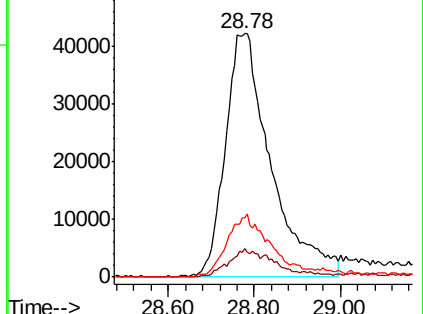
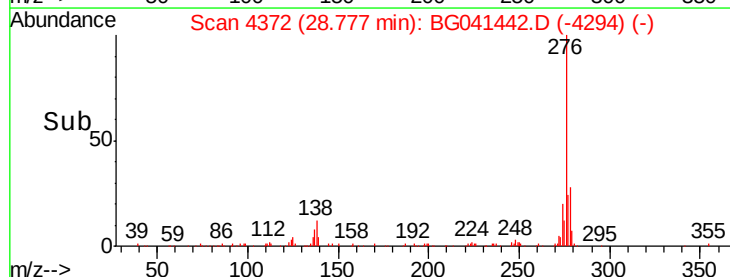
277 24.5 20.6 31.0

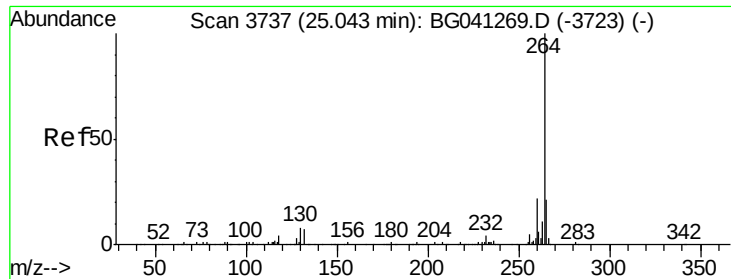


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



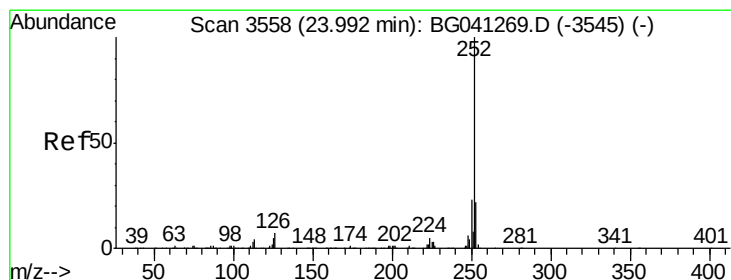
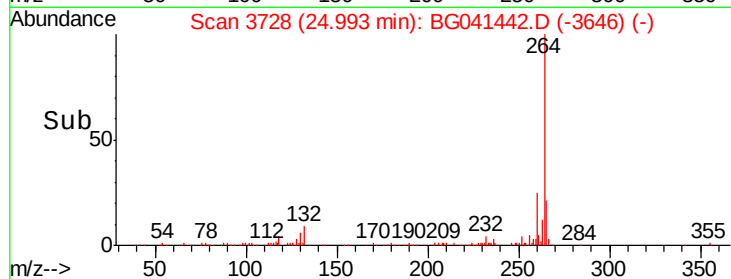
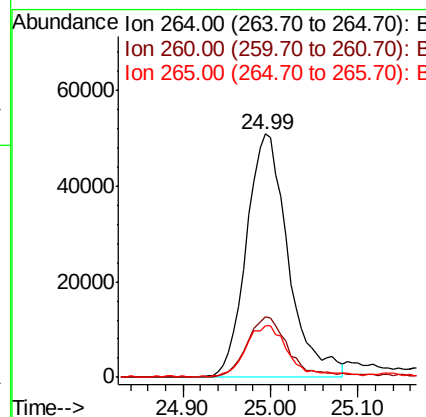
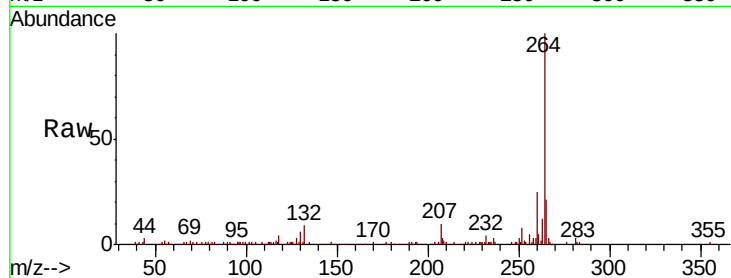


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tgt Ion: 264 Resp: 166201

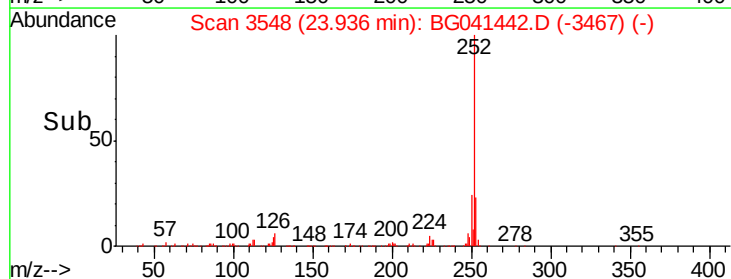
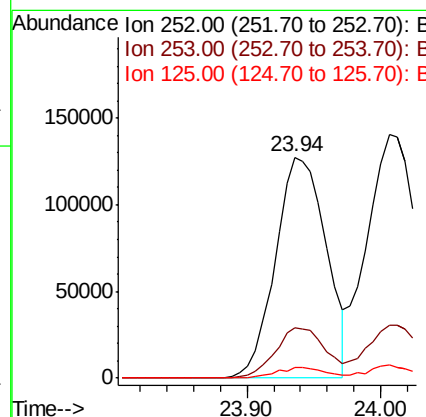
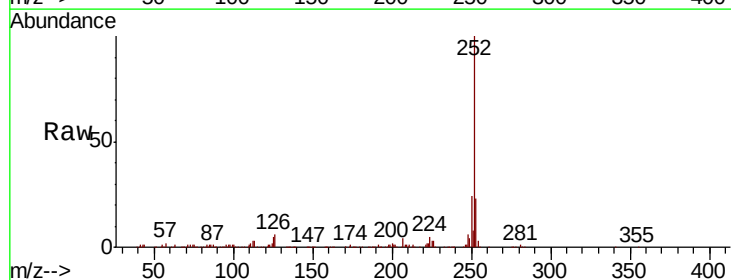
Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.2
265	21.2	17.2	25.8

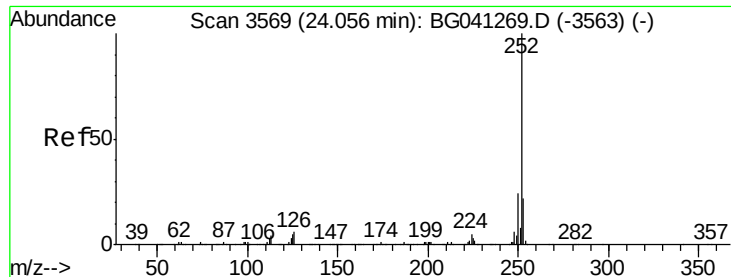


#88
Benzo(b)fluoranthene
Concen: 32.607 ng
RT: 23.94 min Scan# 3548
Delta R.T. -0.06 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion: 252 Resp: 335852

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	4.7	3.9	5.9

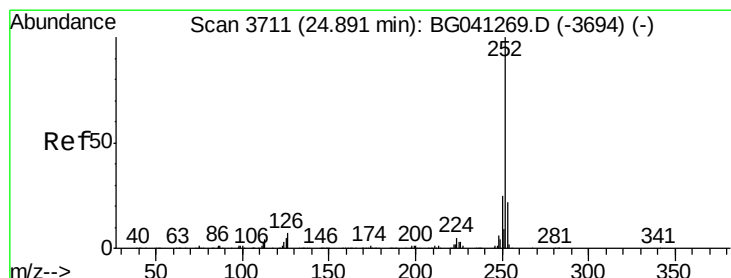
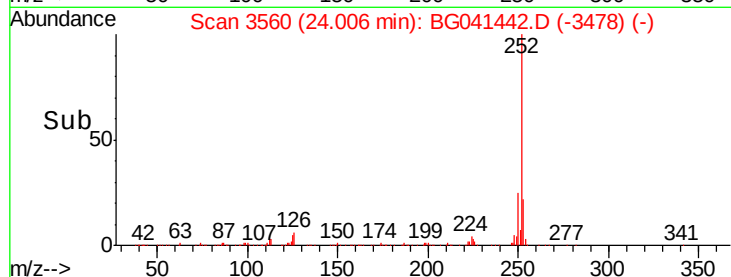
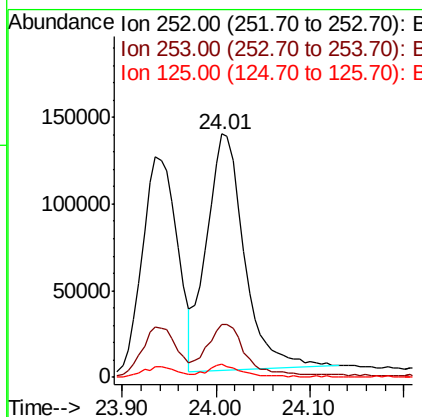
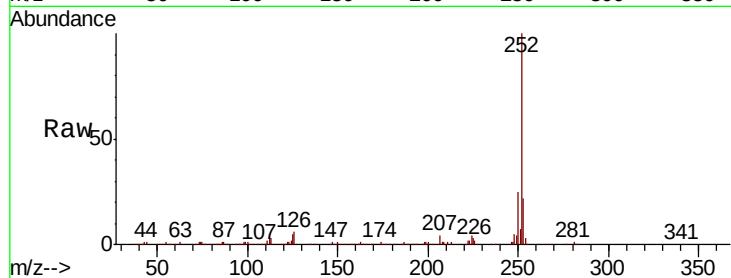




#89
Benzo(k)fluoranthene
Concen: 37.669 ng
RT: 24.01 min Scan# 3560
Delta R.T. -0.05 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

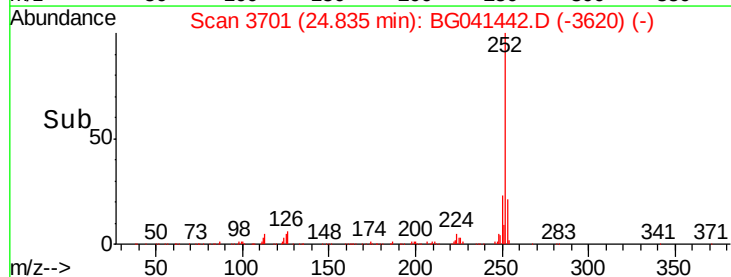
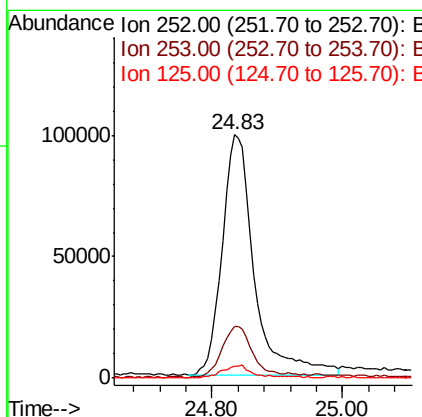
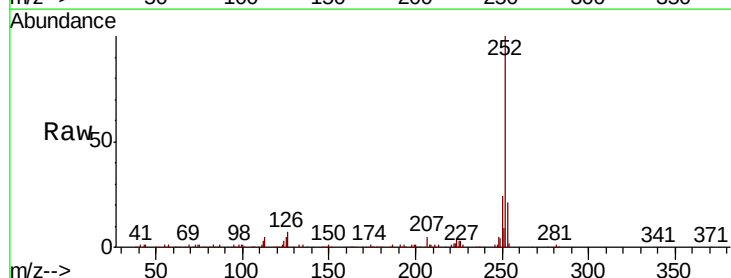
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

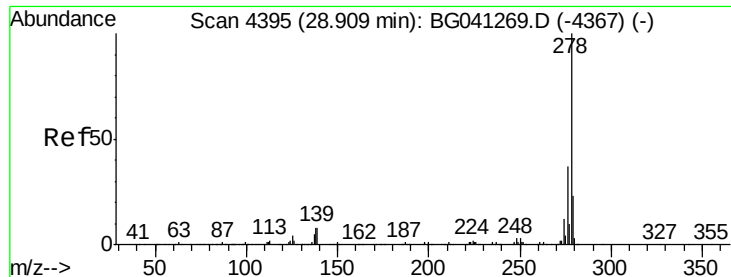
Tgt Ion:252 Resp: 384364
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 5.4 4.3 6.5



#90
Benzo(a)pyrene
Concen: 35.244 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.06 min
Lab File: BG041442.D
Acq: 25 Jun 2019 4:11

Tgt Ion:252 Resp: 342836
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 5.1 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 24.850 ng

RT: 28.83 min Scan# 4381

Delta R.T. -0.08 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

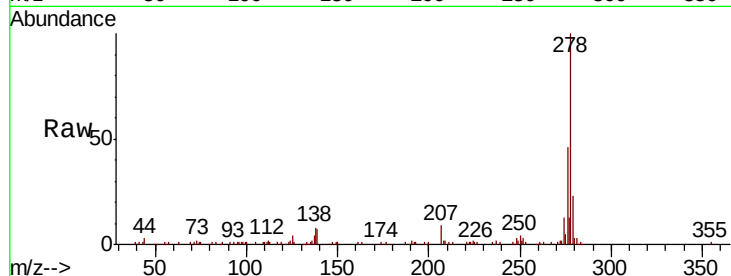
Tgt Ion:278 Resp: 243361

Ion Ratio Lower Upper

278 100

139 6.7 6.6 10.0

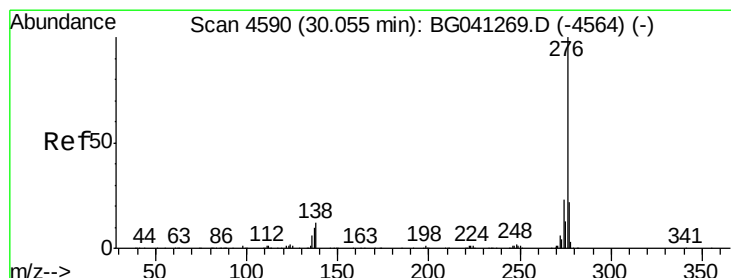
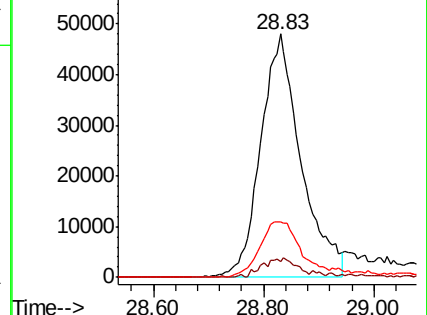
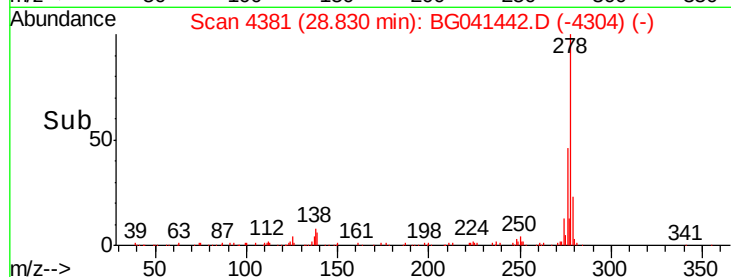
279 22.9 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 20.598 ng

RT: 29.95 min Scan# 4572

Delta R.T. -0.10 min

Lab File: BG041442.D

Acq: 25 Jun 2019 4:11

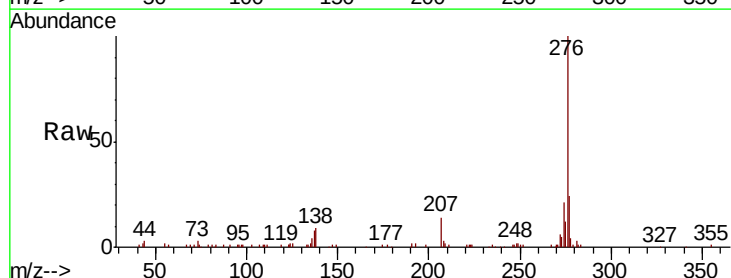
Tgt Ion:276 Resp: 199351

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 8.6 9.4 14.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

