

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
 Data File : BG040540.D
 Acq On : 17 Apr 2019 21:49
 Operator : JU/SJ
 Sample : K2196-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

Quant Time: Apr 18 05:00:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54951	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	213434	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	136609	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	331806	20.00	ng	0.00
76) Chrysene-d12	21.69	240	296321	20.00	ng	0.00
87) Perylene-d12	24.97	264	334207	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	401299	121.40	ng	0.00
7) Phenol-d6	7.20	99	530736	116.18	ng	0.00
23) Nitrobenzene-d5	9.22	82	377611	94.04	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	222487	150.70	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	818868	88.82	ng	0.00
79) Terphenyl-d14	20.02	244	1299160	98.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	59694	38.406	ng	# 23
3) Pyridine	3.91	79	133093	31.803	ng	95
4) n-Nitrosodimethylamine	3.82	42	81984	42.352	ng	# 99
6) Aniline	7.37	93	52623	8.866	ng	98
8) 2-Chlorophenol	7.60	128	159587	41.243	ng	93
9) Benzaldehyde	7.19	77	64657	20.634	ng	91
10) Phenol	7.23	94	184017	37.112	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	164146	41.332	ng	97
12) 1,3-Dichlorobenzene	7.93	146	161576	38.413	ng	95
13) 1,4-Dichlorobenzene	8.08	146	166422	39.725	ng	100
14) 1,2-Dichlorobenzene	8.40	146	156552	39.077	ng	99
15) Benzyl Alcohol	8.28	79	142095	38.623	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	312672	41.023	ng	97
17) 2-Methylphenol	8.48	107	139869	40.765	ng	97
18) Hexachloroethane	9.12	117	60261	37.816	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	132012	40.305	ng	97
20) 3+4-Methylphenols	8.81	107	196423	42.258	ng	94
22) Acetophenone	8.87	105	249597	46.881	ng	# 99
24) Nitrobenzene	9.26	77	191694	46.101	ng	97
25) Isophorone	9.77	82	388783	47.057	ng	99
26) 2-Nitrophenol	9.97	139	89737	45.545	ng	93
27) 2,4-Dimethylphenol	10.02	122	158861	50.760	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	222180	45.454	ng	100
29) 2,4-Dichlorophenol	10.51	162	169385	49.863	ng	100
30) 1,2,4-Trichlorobenzene	10.71	180	166971	44.764	ng	98
31) Naphthalene	10.91	128	501556	45.846	ng	98
33) 4-Chloroaniline	11.04	127	12566	2.693	ng	94
34) Hexachlorobutadiene	11.17	225	100139	41.977	ng	95
35) Caprolactam	11.81	113	49114m	36.433	ng	
36) 4-Chloro-3-methylphenol	12.14	107	201744	51.659	ng	97
37) 2-Methylnaphthalene	12.50	142	379162	46.862	ng	99
38) 1-Methylnaphthalene	12.73	142	364266	46.427	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	189599	43.667	ng	99
41) Hexachlorocyclopentadiene	12.83	237	196686	82.502	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.11	196	137720	49.197	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	144888	47.485	ng	99
46) 1,1'-Biphenyl	13.51	154	496010	45.953	ng	99
47) 2-Chloronaphthalene	13.56	162	382996	46.258	ng	99
48) 2-Nitroaniline	13.77	65	140835	50.428	ng	89
49) Acenaphthylene	14.40	152	643091	45.811	ng	99
50) Dimethylphthalate	14.13	163	533792	49.927	ng	99
51) 2,6-Dinitrotoluene	14.26	165	120127	50.039	ng	99
52) Acenaphthene	14.74	154	378131	47.008	ng	96
53) 3-Nitroaniline	14.60	138	8067	3.175	ng	# 73
54) 2,4-Dinitrophenol	14.80	184	49240	38.568	ng	97
55) Dibenzofuran	15.07	168	620261	47.988	ng	99
56) 4-Nitrophenol	14.90	139	160960	78.482	ng	96
57) 2,4-Dinitrotoluene	15.04	165	171413	51.387	ng	94
58) Fluorene	15.72	166	486371	47.861	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	140884	50.882	ng	99
60) Diethylphthalate	15.48	149	553196	50.564	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	261974	48.228	ng	96
62) 4-Nitroaniline	15.76	138	112968	41.424	ng	98
63) Azobenzene	16.00	77	513863	49.794	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	53348	28.618	ng	96
66) n-Nitrosodiphenylamine	15.92	169	462301	47.613	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	170269	45.600	ng	95
68) Hexachlorobenzene	16.72	284	174318	46.431	ng	97
69) Atrazine	16.87	200	170069	47.086	ng	98
70) Pentachlorophenol	17.06	266	138012	63.584	ng	98
71) Phenanthrene	17.46	178	833592	47.797	ng	99
72) Anthracene	17.56	178	851153	48.759	ng	99
73) Carbazole	17.83	167	799259	48.380	ng	99
74) Di-n-butylphthalate	18.36	149	946534	48.336	ng	99
75) Fluoranthene	19.47	202	1000707	48.457	ng	100
77) Benzidine	19.66	184	31856	2.977	ng	95
78) Pyrene	19.83	202	1009059	51.783	ng	99
80) Butylbenzylphthalate	20.70	149	454000	54.446	ng	96
81) Benzo(a)anthracene	21.67	228	914807	50.122	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	72540	10.448	ng	97
83) Chrysene	21.74	228	900435	51.333	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	636528	53.402	ng	99
85) Di-n-octyl phthalate	22.76	149	1094884	53.914	ng	98
86) Indeno(1,2,3-cd)pyrene	28.72	276	1130600	52.699	ng	# 91
88) Benzo(b)fluoranthene	23.92	252	1003166	49.027	ng	99
89) Benzo(k)fluoranthene	23.99	252	957783	50.901	ng	98
90) Benzo(a)pyrene	24.81	252	975782	50.827	ng	100
91) Dibenzo(a,h)anthracene	28.79	278	921048	51.656	ng	99
92) Benzo(g,h,i)perylene	29.91	276	935047	51.027	ng	96

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

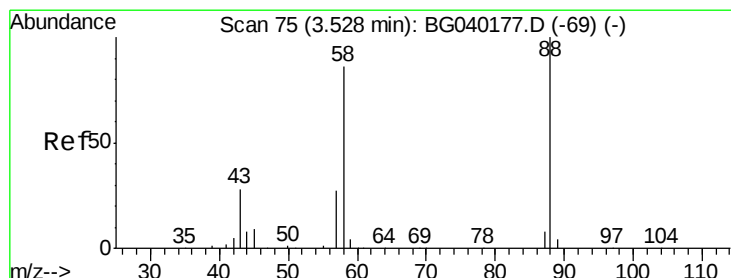
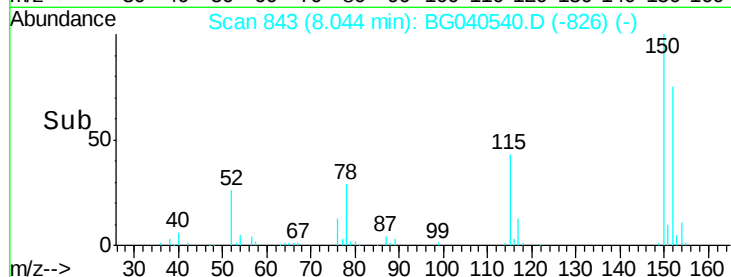
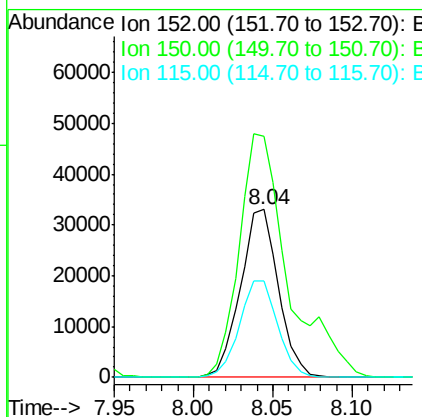
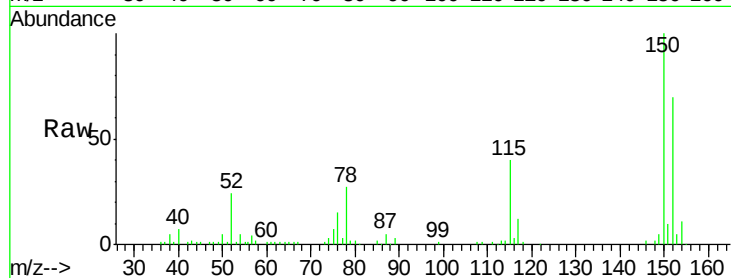


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :
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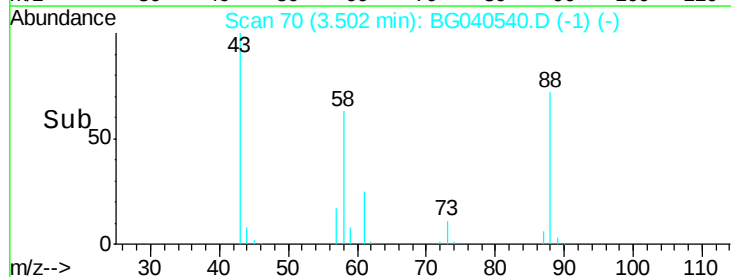
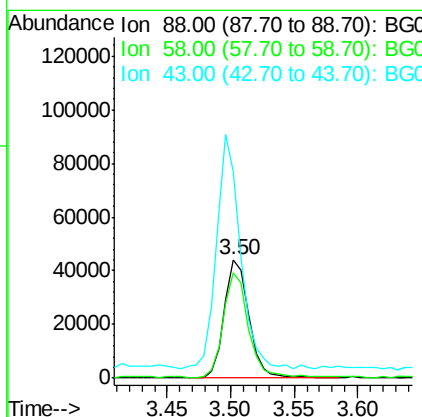
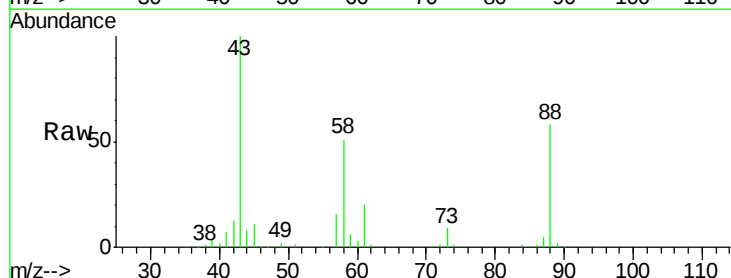
Tgt Ion:152 Resp: 54951
Ion Ratio Lower Upper
152 100
150 143.4 123.7 185.5
115 57.2 46.9 70.3

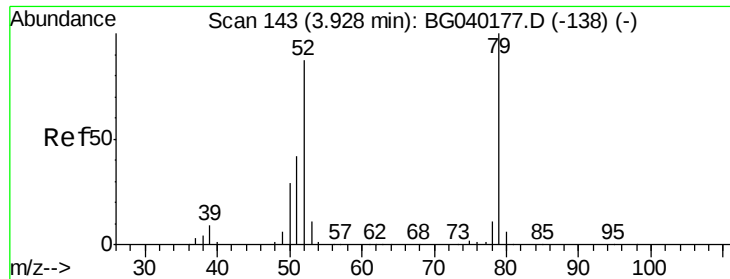


#2

1,4-Dioxane
Concen: 38.406 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion: 88 Resp: 59694
Ion Ratio Lower Upper
88 100
58 88.2 70.6 106.0
43 194.4 24.8 37.2#





#3

Pyridine

Concen: 31.803 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

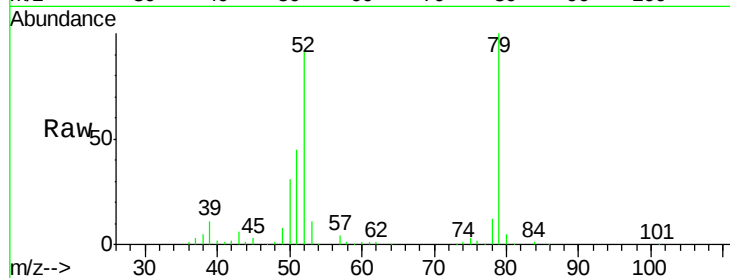
Tgt Ion: 79 Resp: 133093

Ion Ratio Lower Upper

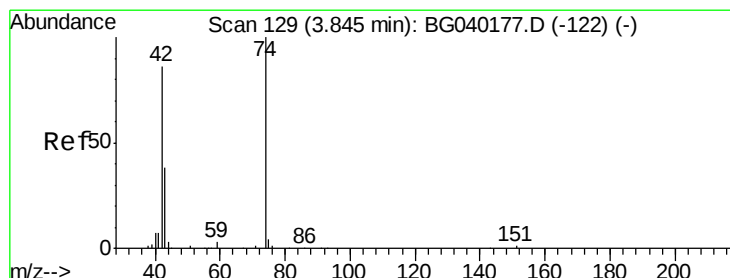
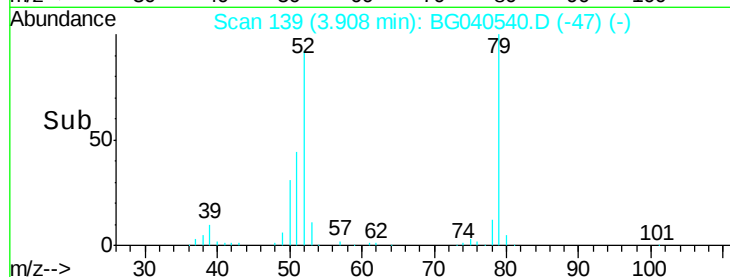
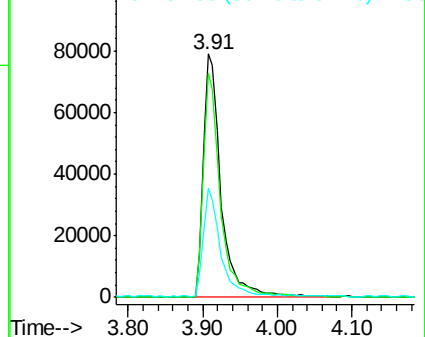
79 100

52 91.9 69.8 104.8

51 45.0 33.9 50.9



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



#4

n-Nitrosodimethylamine

Concen: 42.352 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

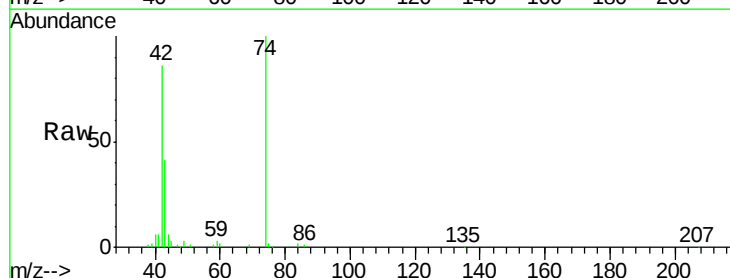
Tgt Ion: 42 Resp: 81984

Ion Ratio Lower Upper

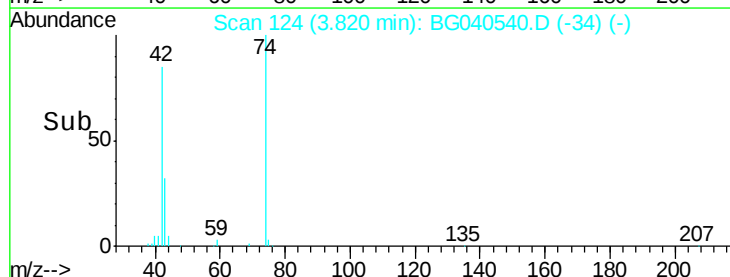
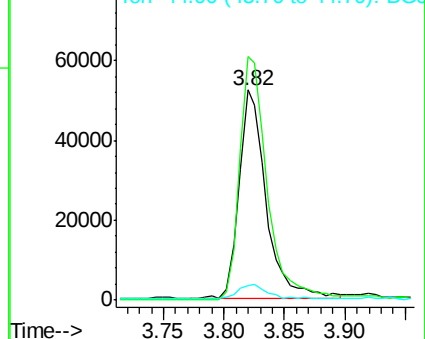
42 100

74 116.1 92.9 139.3

44 7.1 9.7 14.5#



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





#5

2-Fluorophenol

Concen: 121.403 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

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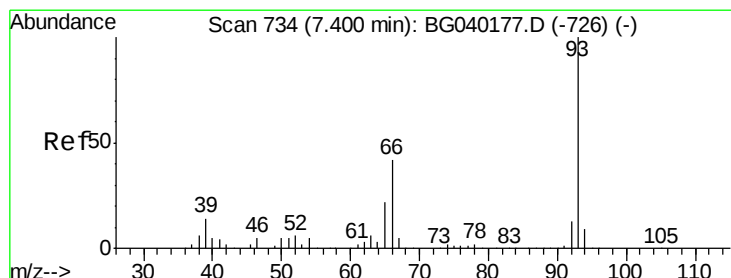
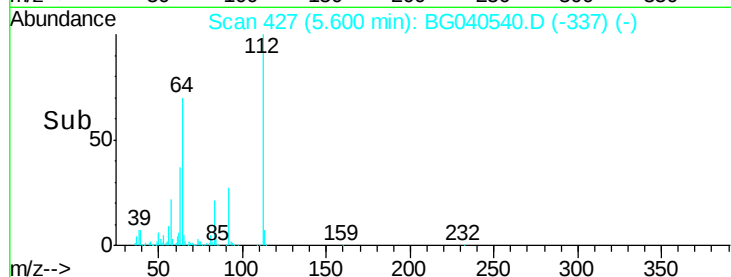
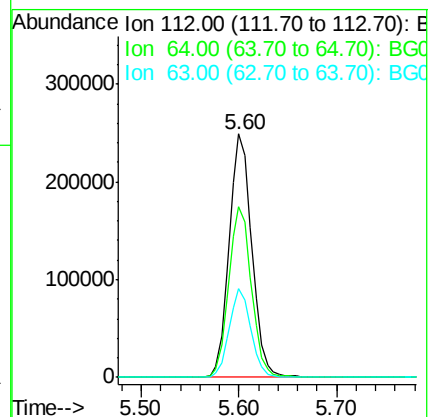
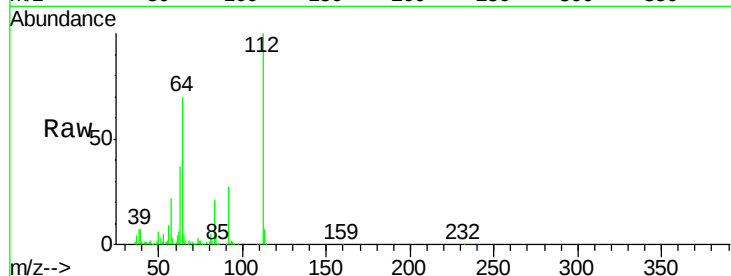
Tgt Ion: 112 Resp: 401299

Ion Ratio Lower Upper

112 100

64 70.2 54.2 81.2

63 36.5 26.4 39.6



#6

Aniline

Concen: 8.866 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

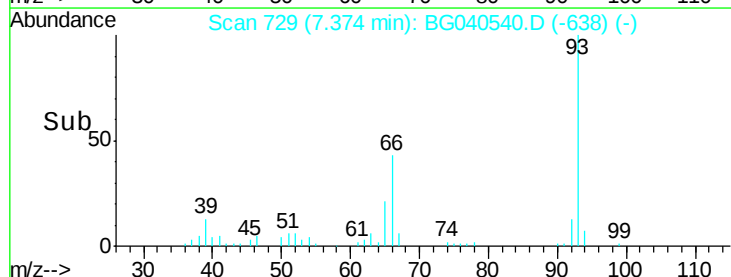
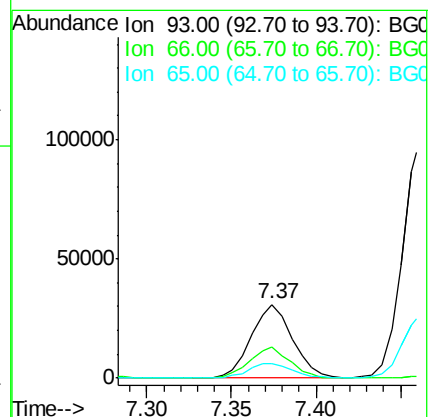
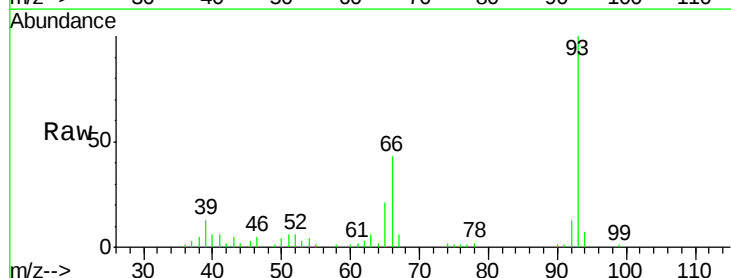
Tgt Ion: 93 Resp: 52623

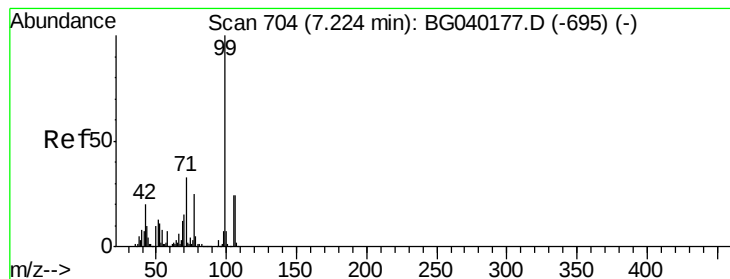
Ion Ratio Lower Upper

93 100

66 43.1 33.6 50.4

65 20.5 17.4 26.2





#7

Phenol-d6

Concen: 116.179 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

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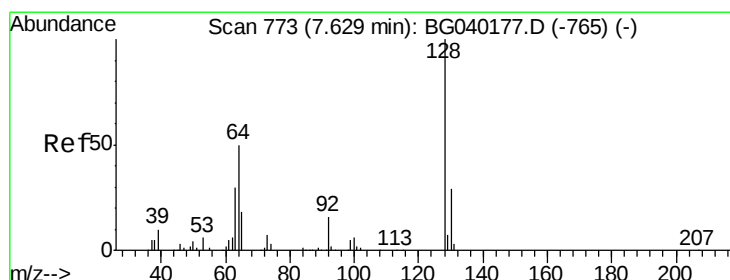
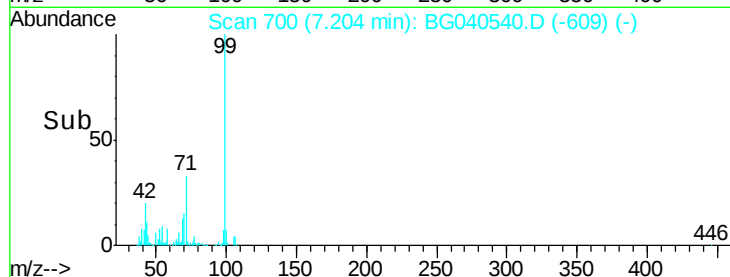
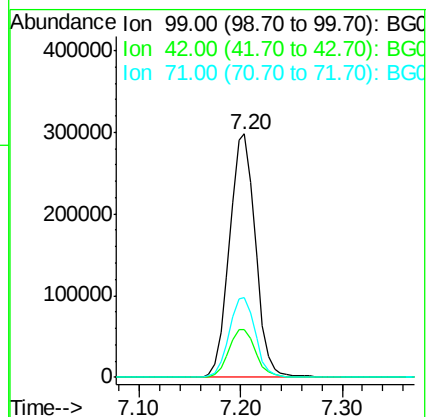
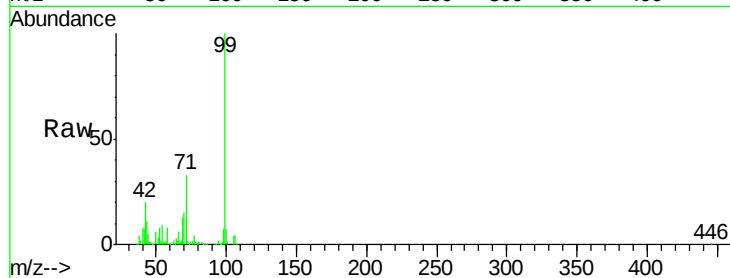
Tgt Ion: 99 Resp: 530736

Ion Ratio Lower Upper

99 100

42 19.9 16.2 24.2

71 33.0 26.8 40.2



#8

2-Chlorophenol

Concen: 41.243 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

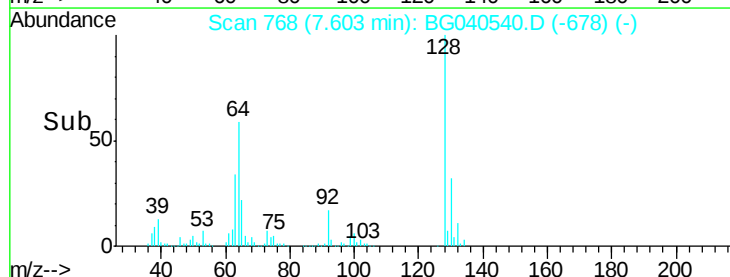
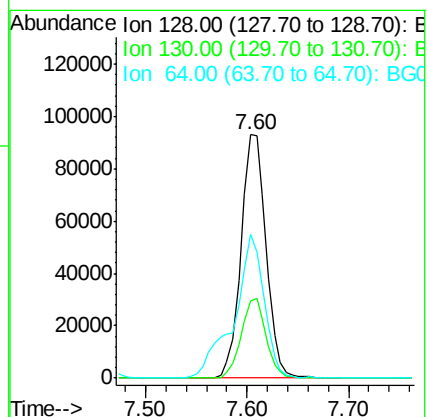
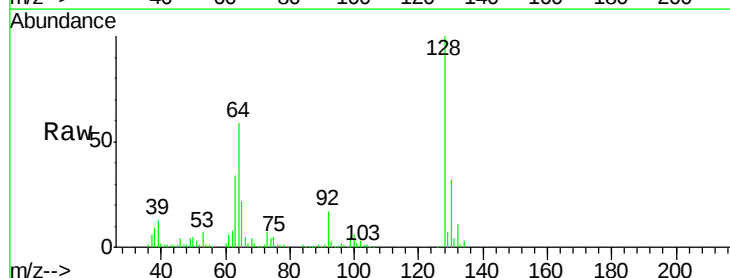
Tgt Ion: 128 Resp: 159587

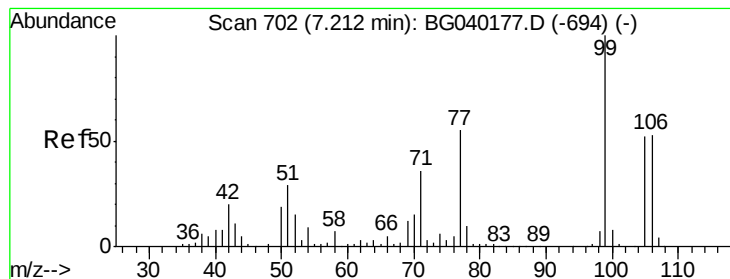
Ion Ratio Lower Upper

128 100

130 31.8 9.1 49.1

64 59.0 33.1 73.1





#9

Benzaldehyde

Concen: 20.634 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

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HD-01-041619MSD

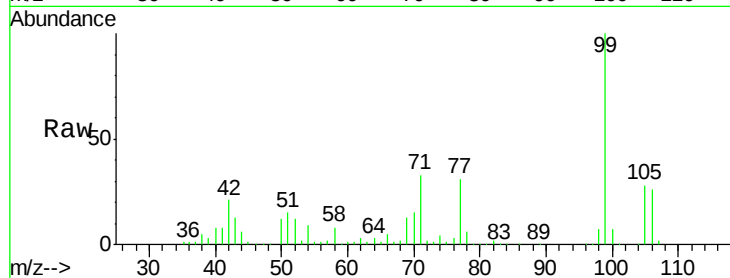
Tgt Ion: 77 Resp: 64657

Ion Ratio Lower Upper

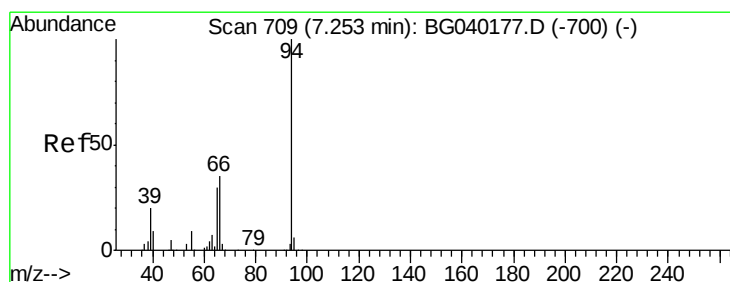
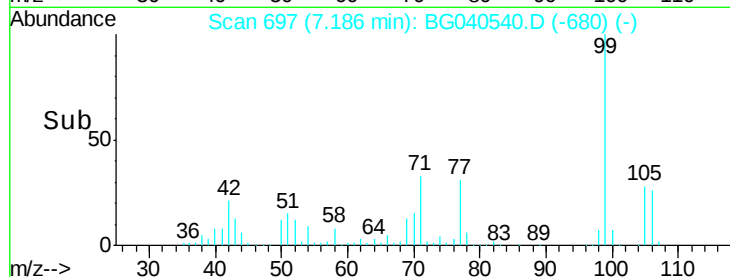
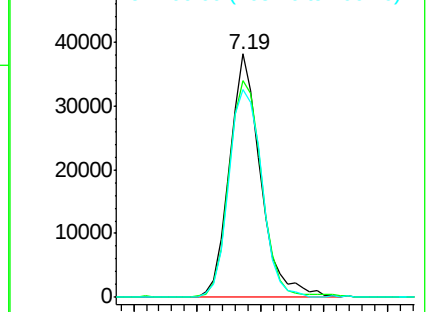
77 100

105 88.8 75.0 115.0

106 85.1 75.7 115.7



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



#10

Phenol

Concen: 37.112 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

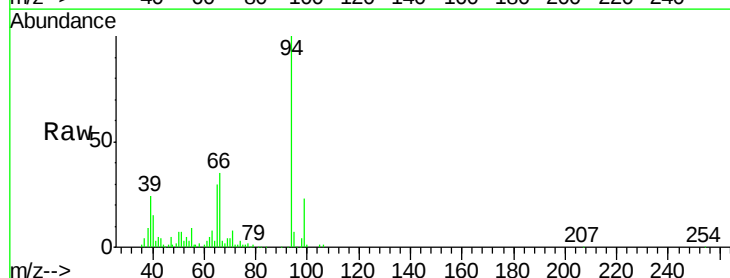
Tgt Ion: 94 Resp: 184017

Ion Ratio Lower Upper

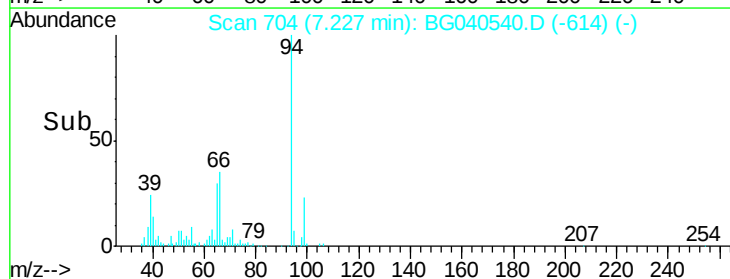
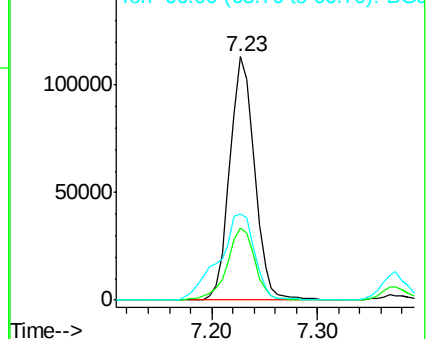
94 100

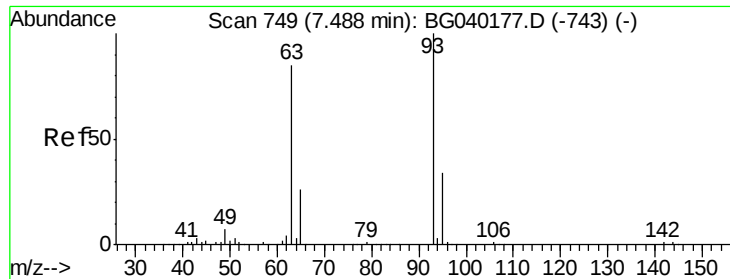
65 29.6 10.5 50.5

66 35.3 16.9 56.9



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

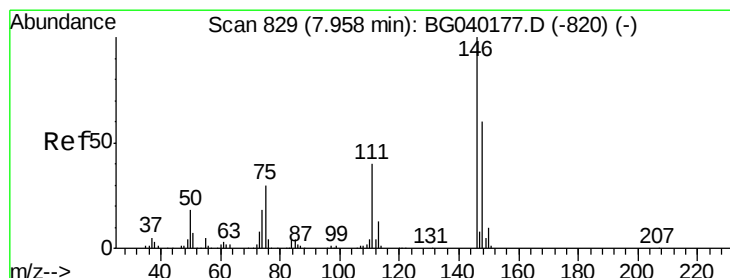
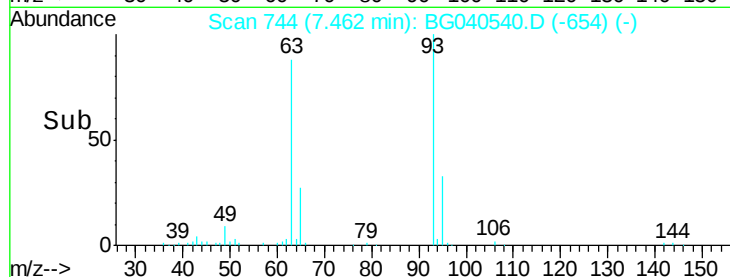
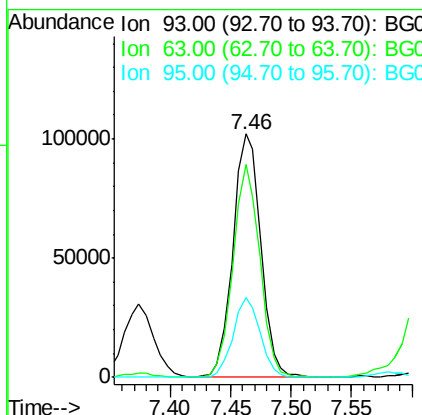
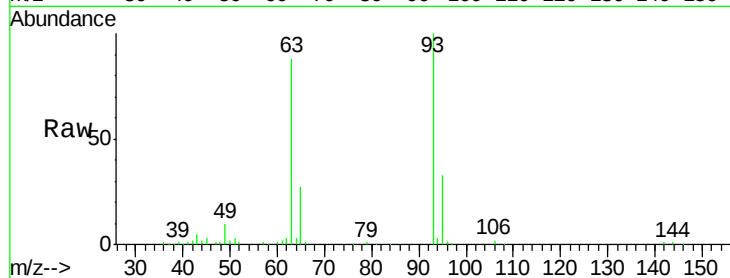




#11
 bis(2-Chloroethyl)ether
 Concen: 41.332 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

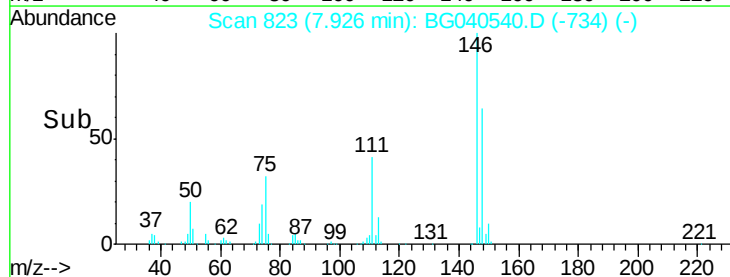
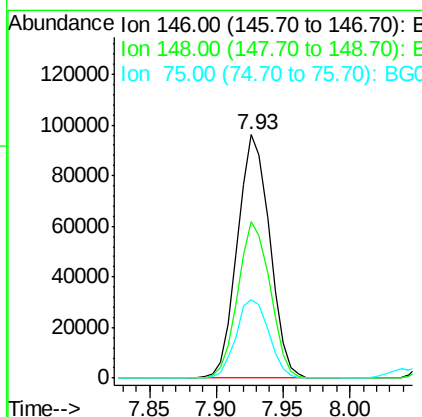
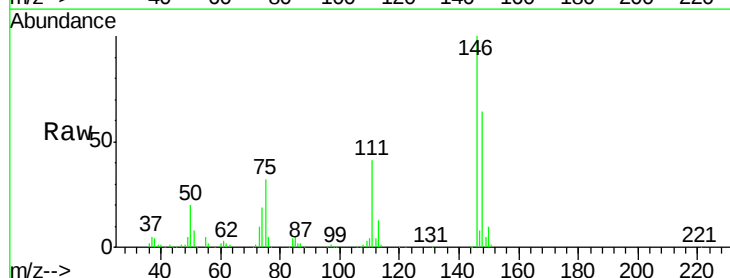
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

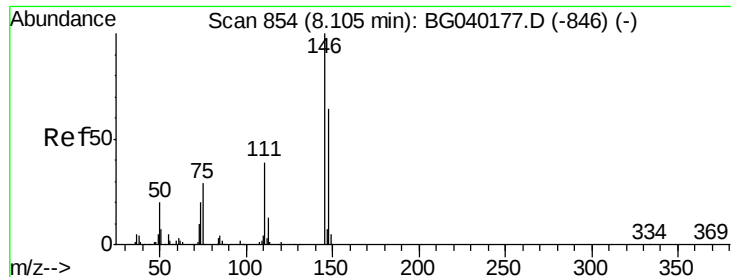
Tgt Ion: 93 Resp: 164146
 Ion Ratio Lower Upper
 93 100
 63 87.6 64.2 104.2
 95 32.7 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 38.413 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion: 146 Resp: 161576
 Ion Ratio Lower Upper
 146 100
 148 64.4 48.2 72.2
 75 32.3 24.1 36.1

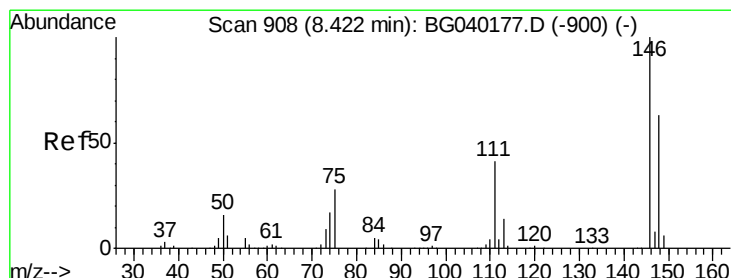
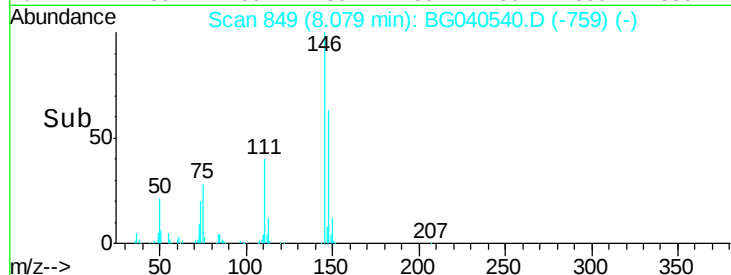
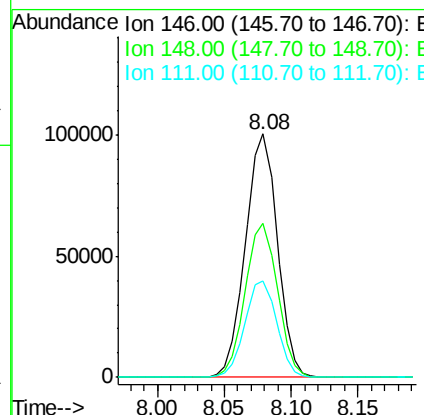
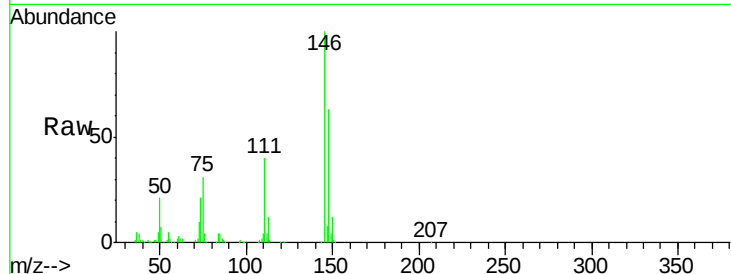




#13
 1,4-Dichlorobenzene
 Concen: 39.725 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

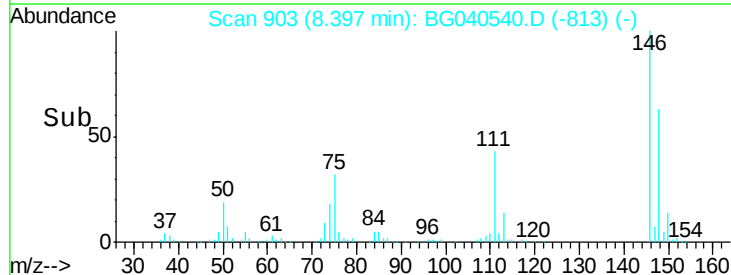
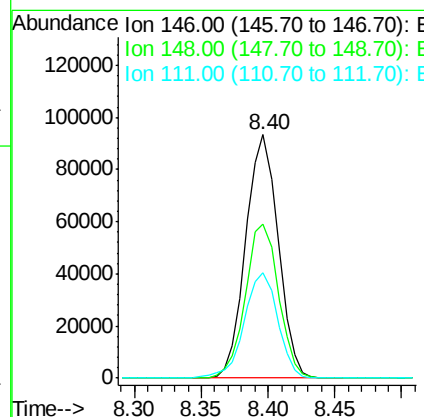
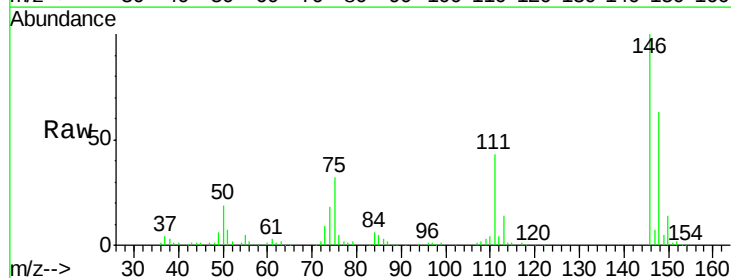
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

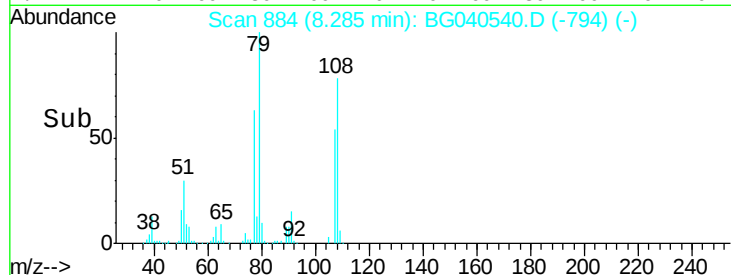
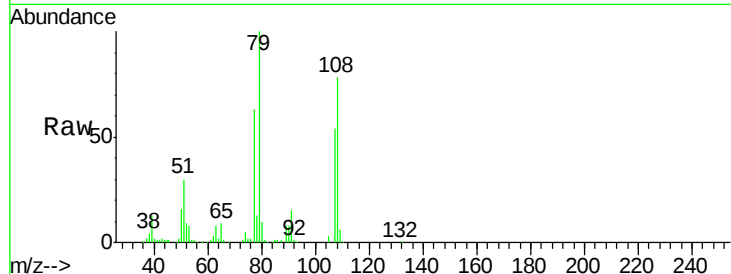
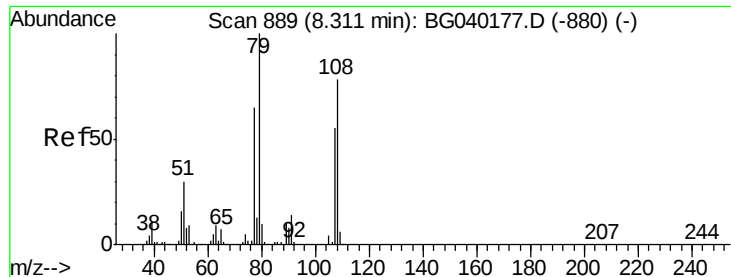
Tgt Ion:146 Resp: 166422
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.4
 111 39.6 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 39.077 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:146 Resp: 156552
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 43.2 33.4 50.0





#15

Benzyl Alcohol

Concen: 38.623 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

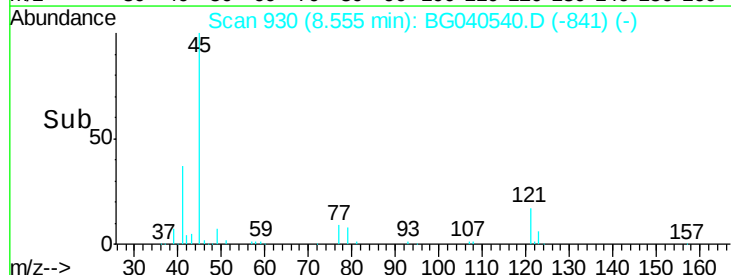
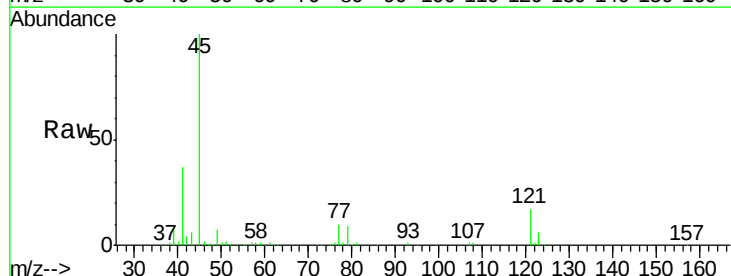
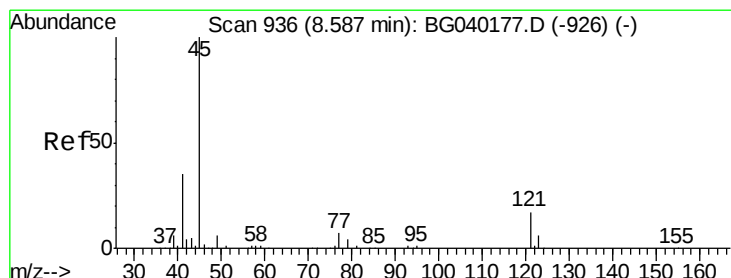
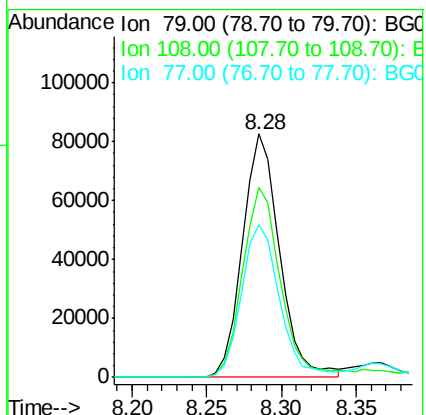
Tgt Ion: 79 Resp: 142095

Ion Ratio Lower Upper

79 100

108 77.8 62.1 93.1

77 63.0 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.023 ng

RT: 8.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

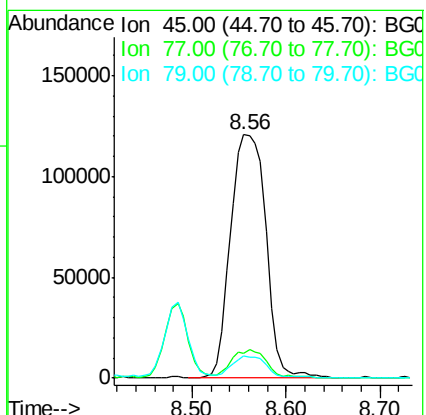
Tgt Ion: 45 Resp: 312672

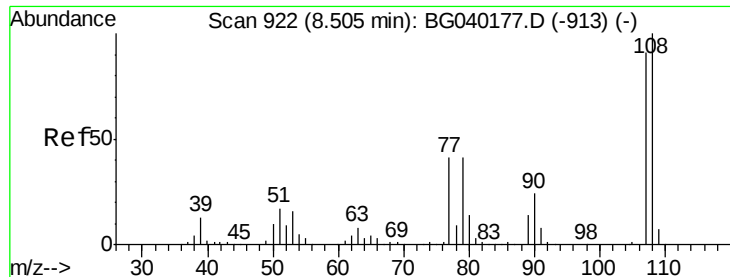
Ion Ratio Lower Upper

45 100

77 10.0 0.0 31.4

79 9.0 0.0 28.3

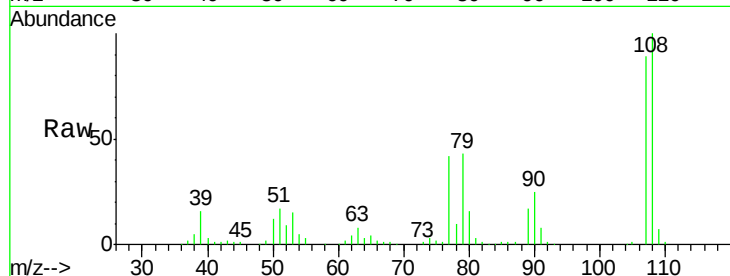




#17
2-Methylphenol
Concen: 40.765 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.3	88.2	132.4
77	47.7	36.6	55.0
79	48.3	36.5	54.7



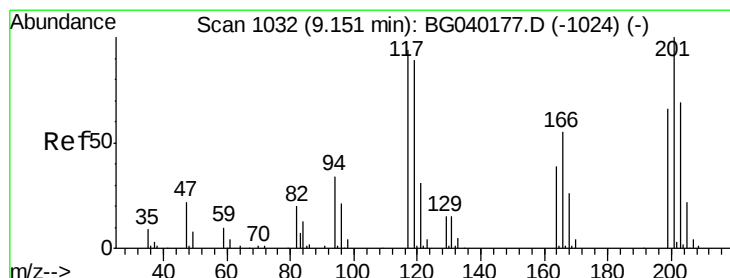
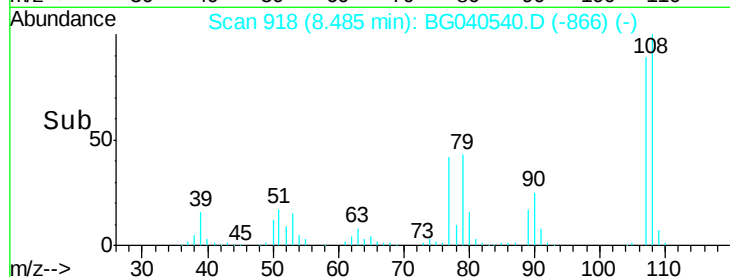
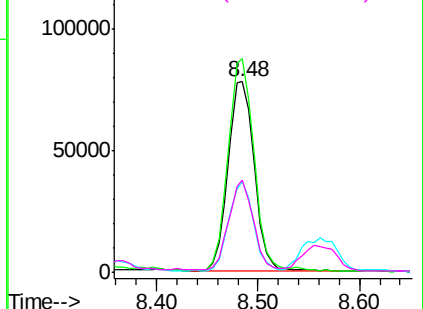
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

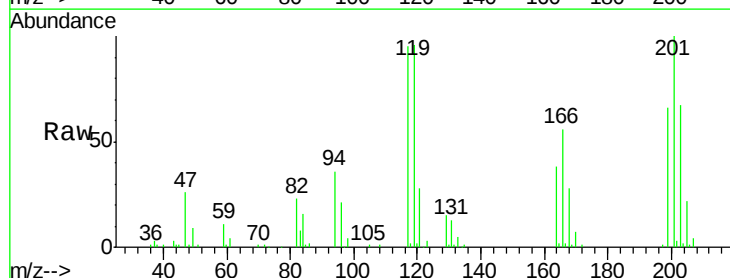
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 37.816 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.8	76.6	115.0
201	105.5	85.0	127.4

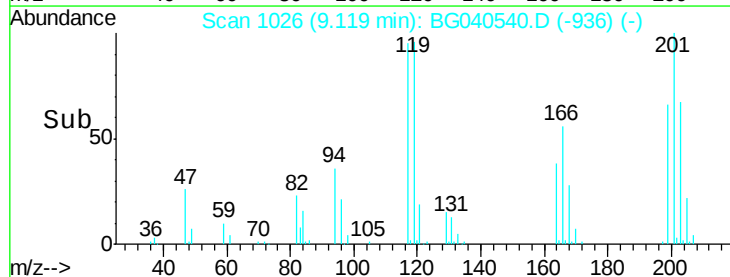
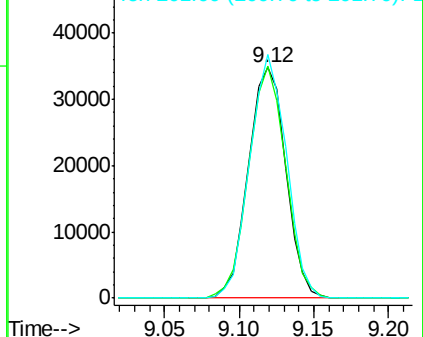


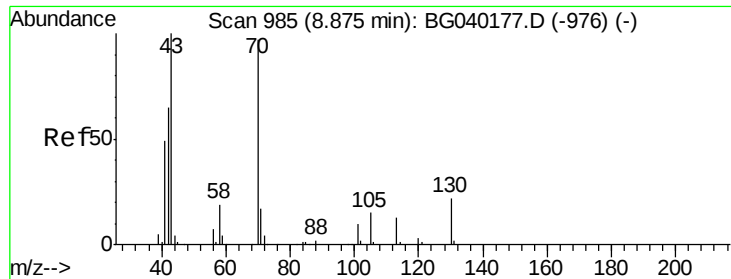
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

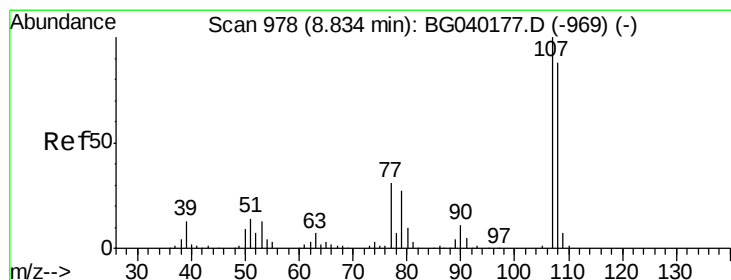
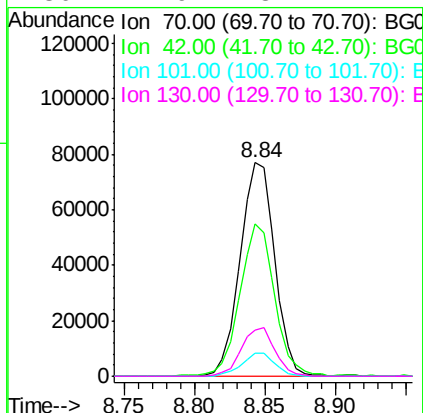
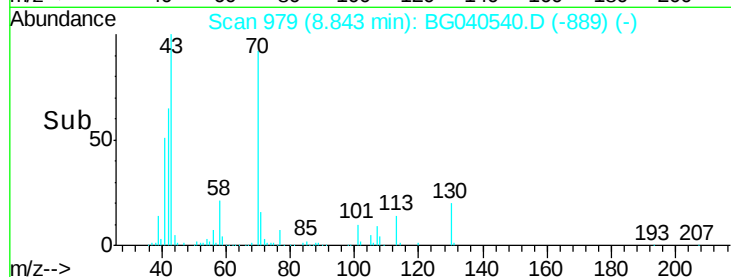
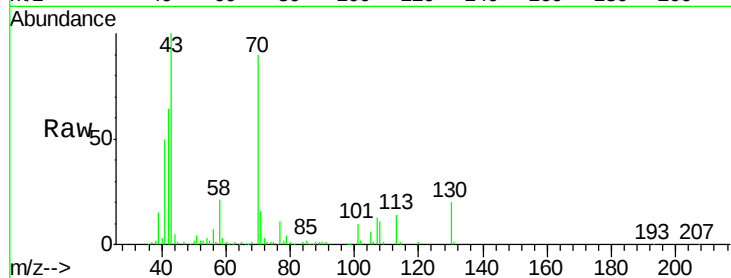




#19
n-Nitroso-di-n-propylamine
Concen: 40.305 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

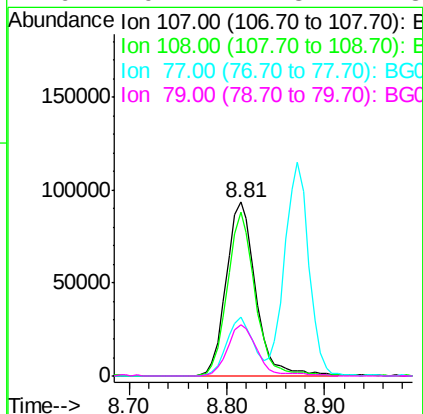
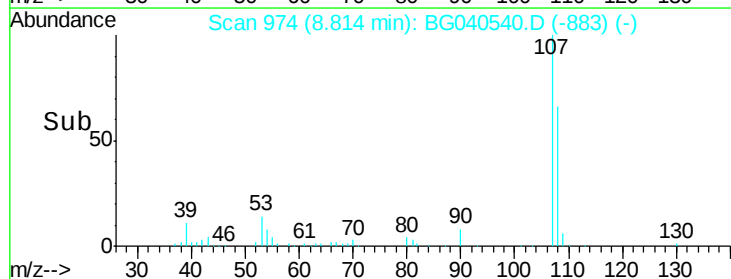
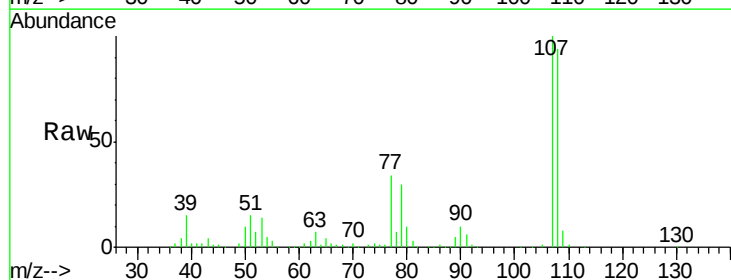
Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

Tgt Ion:	70	Resp:	132012
Ion	Ratio	Lower	Upper
70	100		
42	71.0	54.0	81.0
101	10.8	8.6	13.0
130	21.9	18.2	27.2



#20
3+4-Methylphenols
Concen: 42.258 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:	107	Resp:	196423
Ion	Ratio	Lower	Upper
107	100		
108	94.3	68.3	108.3
77	34.1	11.3	51.3
79	29.7	7.3	47.3

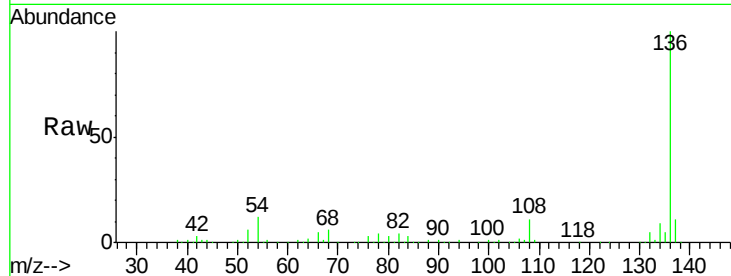




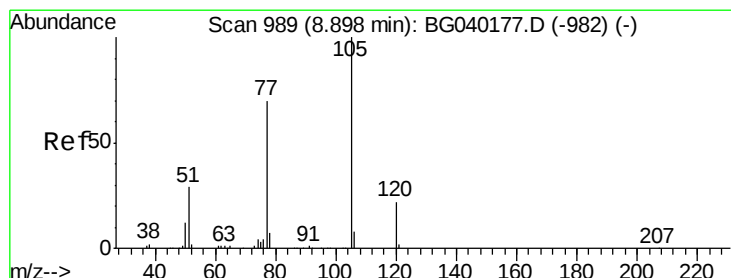
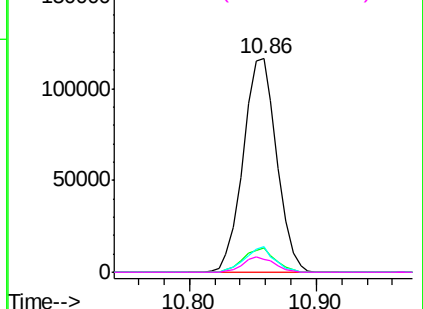
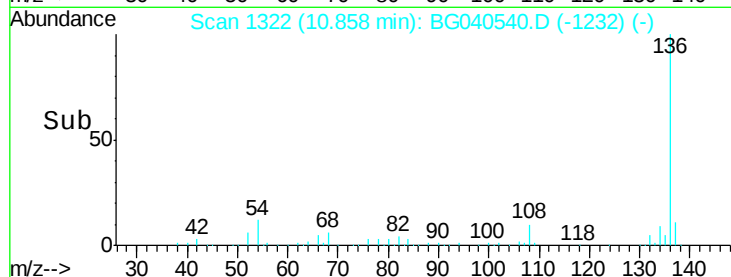
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

Tgt Ion:	136	Resp:	213434
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	12.0	9.6	14.4
68	5.8	5.1	7.7

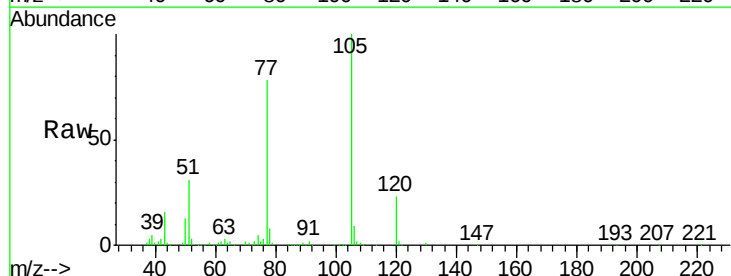


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

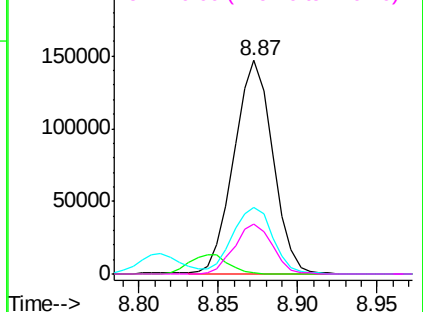
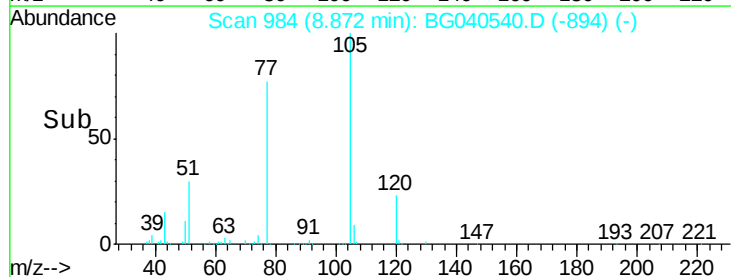


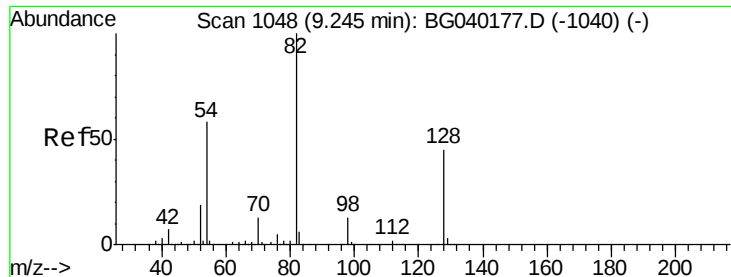
#22
Acetophenone
Concen: 46.881 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:	105	Resp:	249597
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	31.4	25.1	37.7
120	23.4	17.6	26.4



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

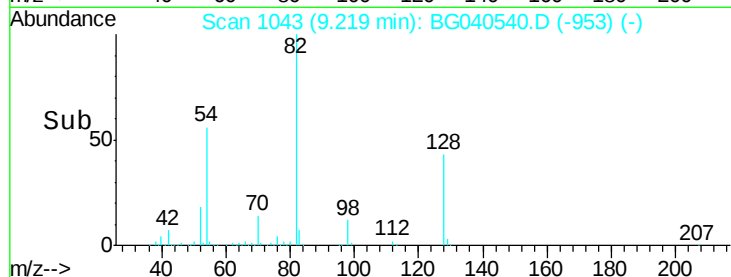
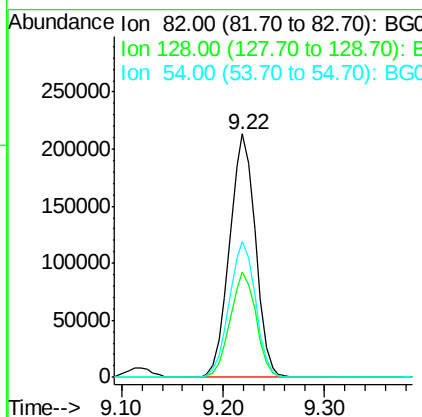
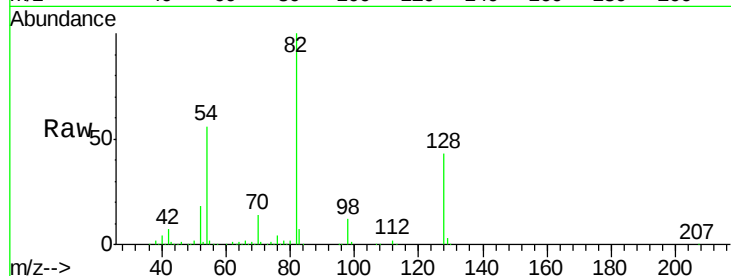




#23
 Nitrobenzene-d5
 Concen: 94.040 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

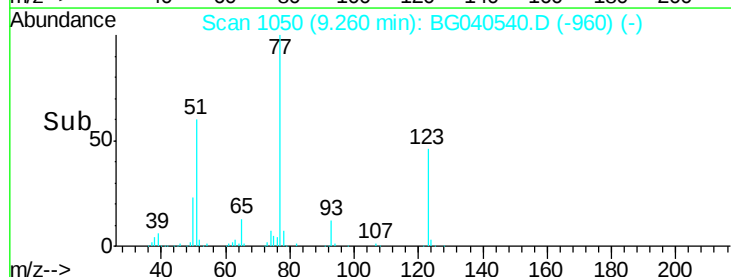
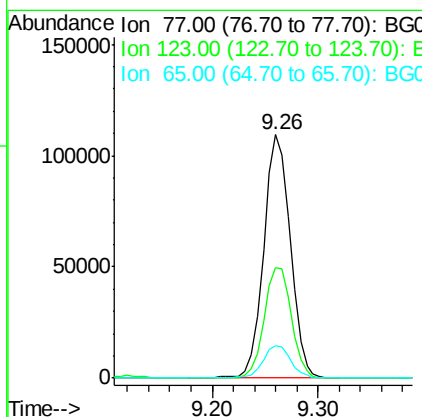
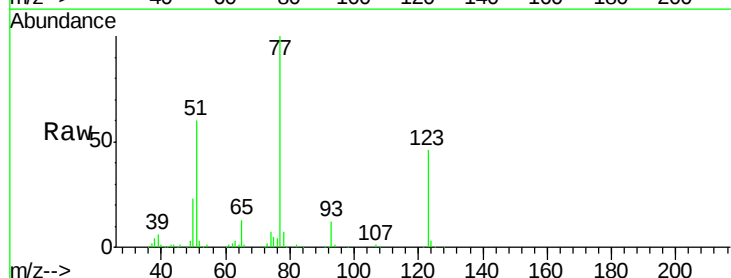
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

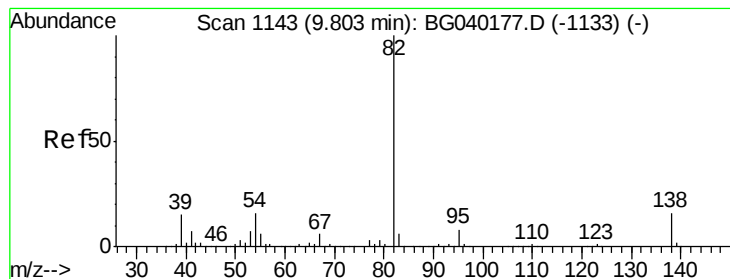
Tgt Ion: 82 Resp: 377611
 Ion Ratio Lower Upper
 82 100
 128 43.5 35.8 53.8
 54 56.0 46.2 69.2



#24
 Nitrobenzene
 Concen: 46.101 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion: 77 Resp: 191694
 Ion Ratio Lower Upper
 77 100
 123 45.6 37.8 56.6
 65 13.1 12.0 18.0





#25

Isophorone

Concen: 47.057 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

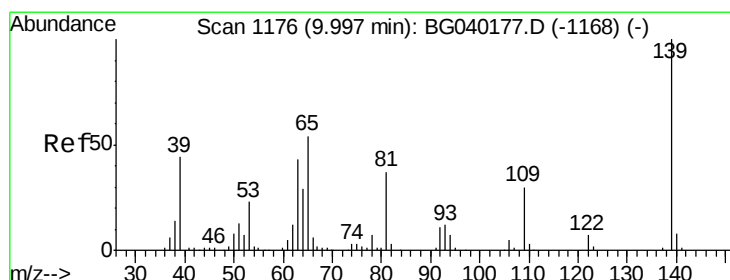
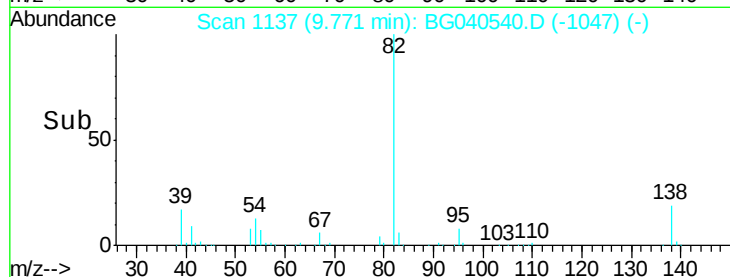
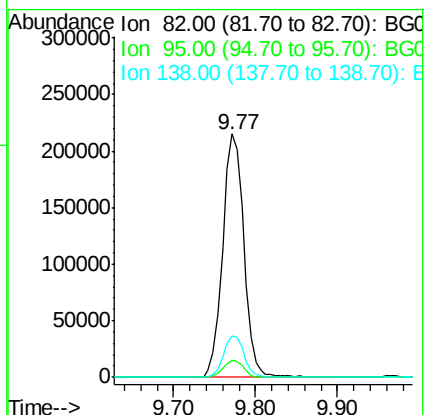
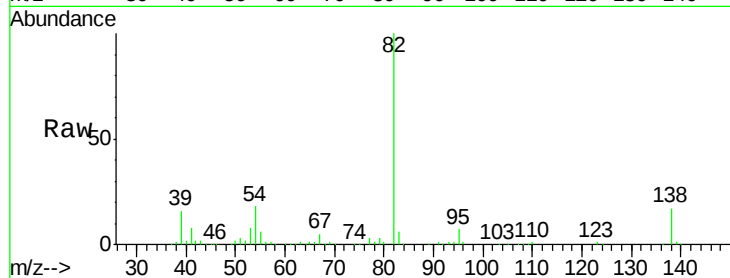
Tgt Ion: 82 Resp: 388783

Ion Ratio Lower Upper

82 100

95 7.2 6.1 9.1

138 17.1 13.2 19.8



#26

2-Nitrophenol

Concen: 45.545 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

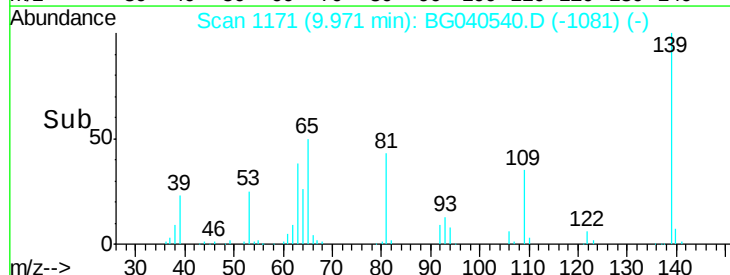
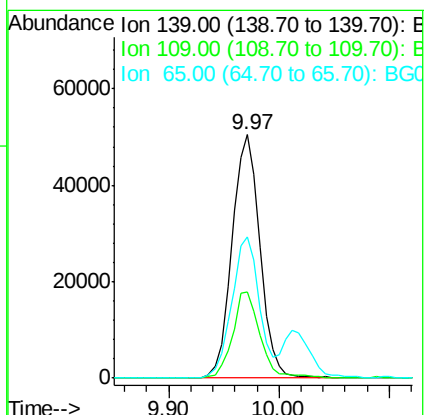
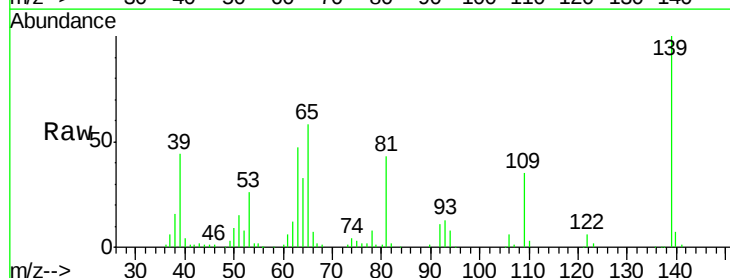
Tgt Ion: 139 Resp: 89737

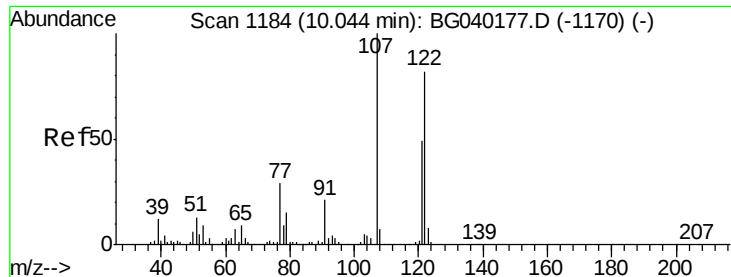
Ion Ratio Lower Upper

139 100

109 35.2 24.1 36.1

65 58.1 43.0 64.6

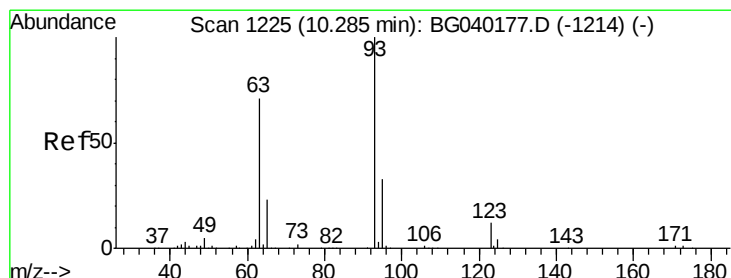
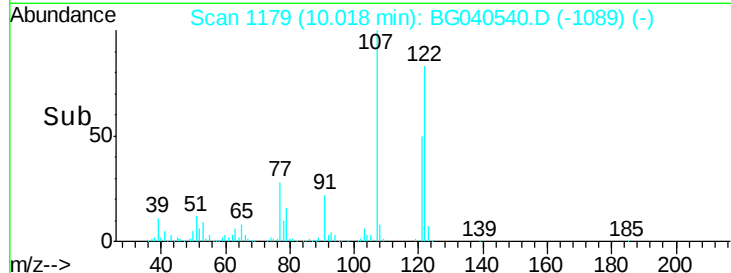
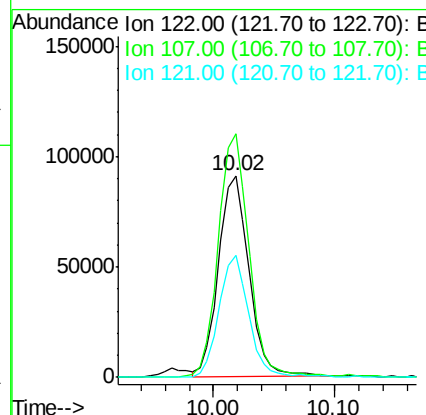
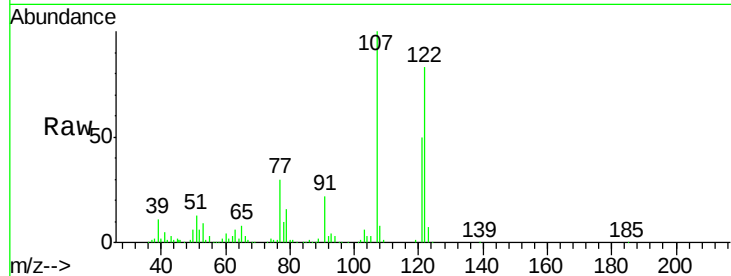




#27
 2,4-Dimethylphenol
 Concen: 50.760 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

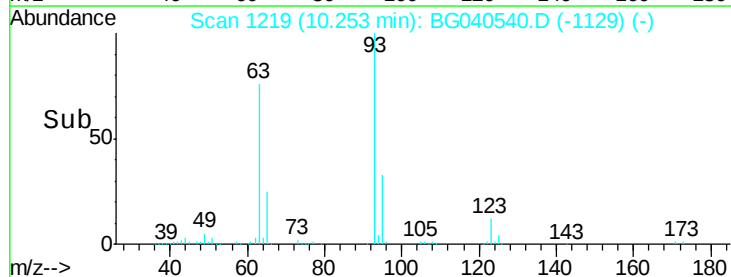
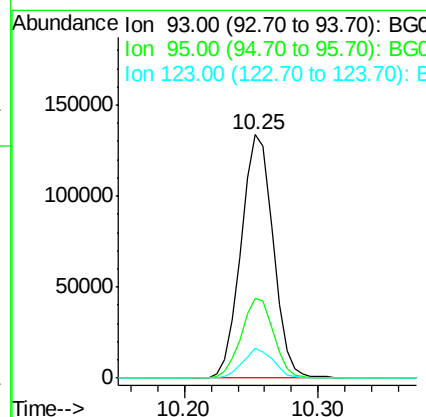
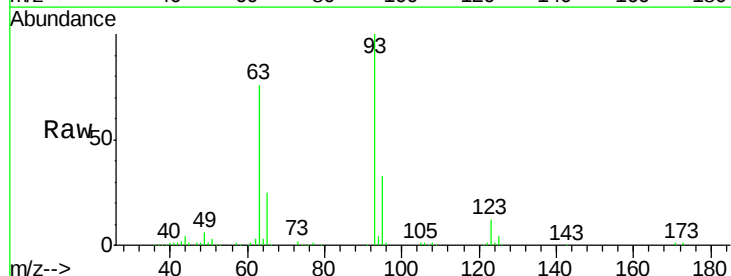
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.7	97.4	146.2
121	60.2	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.454 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.0	9.4	14.0

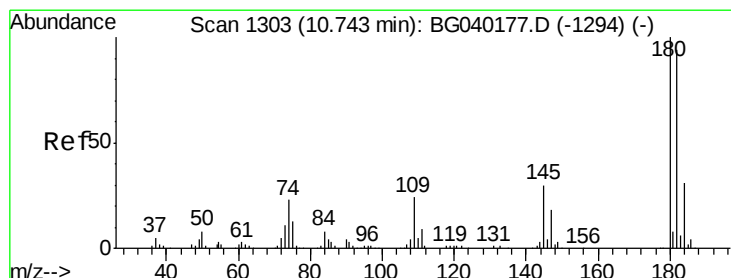
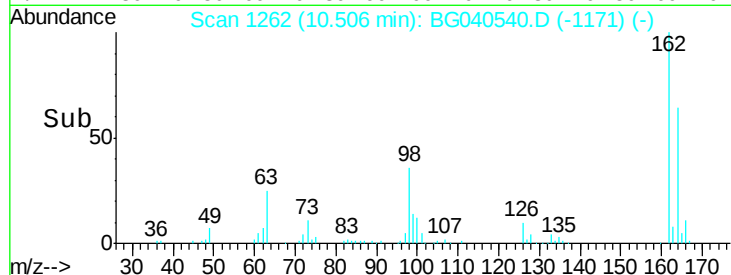
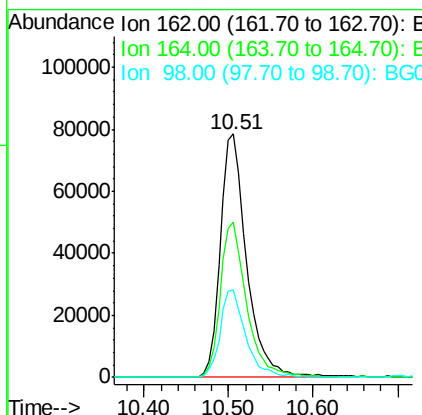
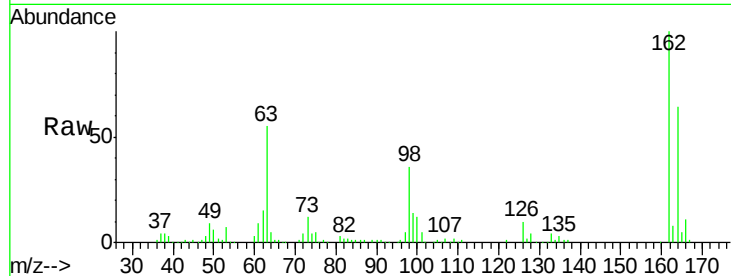




#29
 2,4-Dichlorophenol
 Concen: 49.863 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

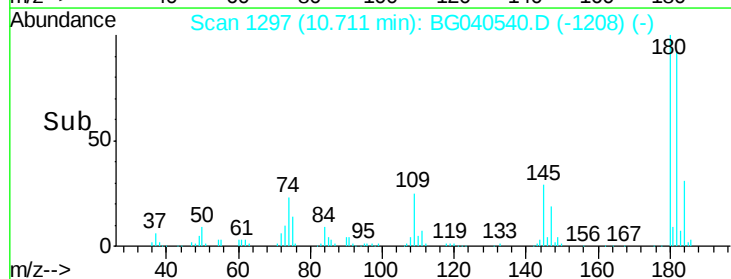
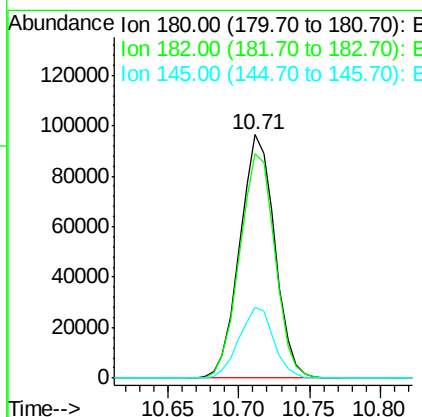
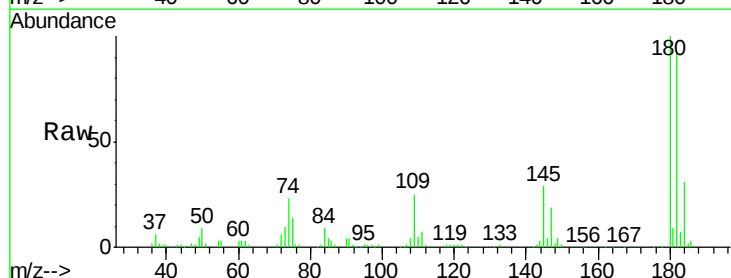
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.9	83.9
98	35.8	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 44.764 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.1	112.7
145	29.1	24.1	36.1

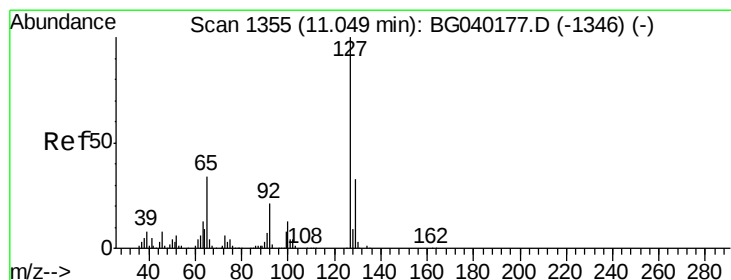
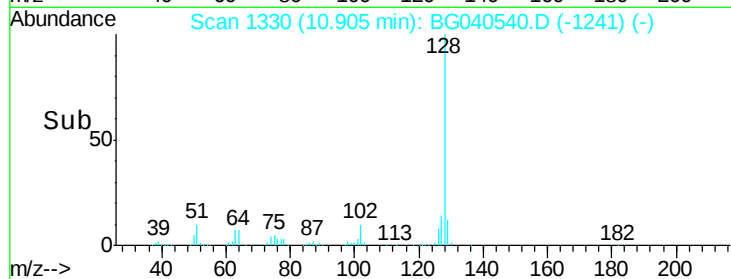
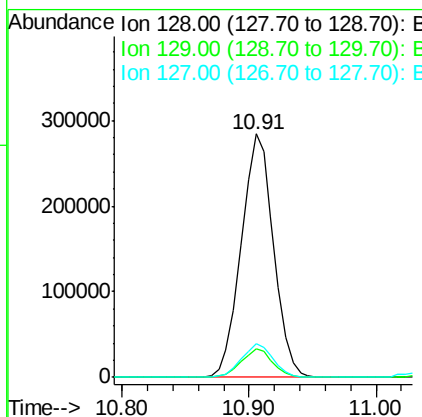
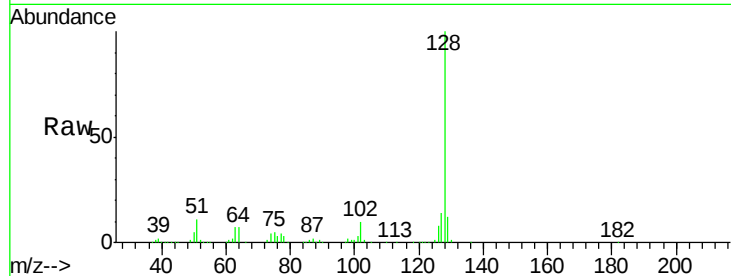




#31
Naphthalene
Concen: 45.846 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

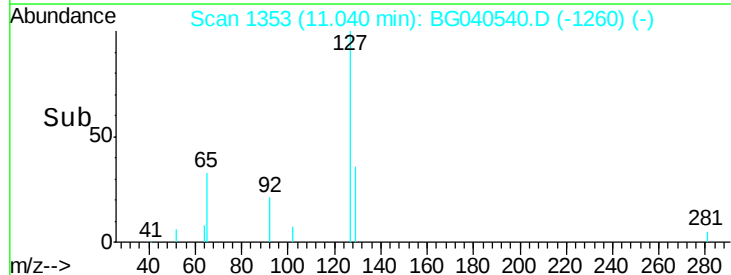
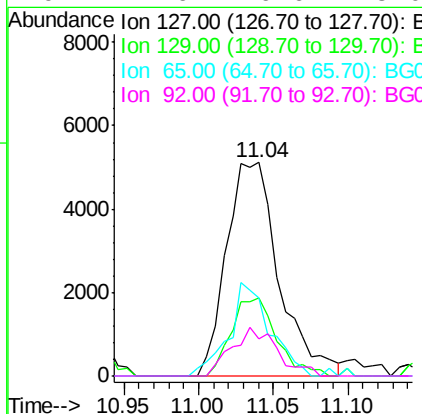
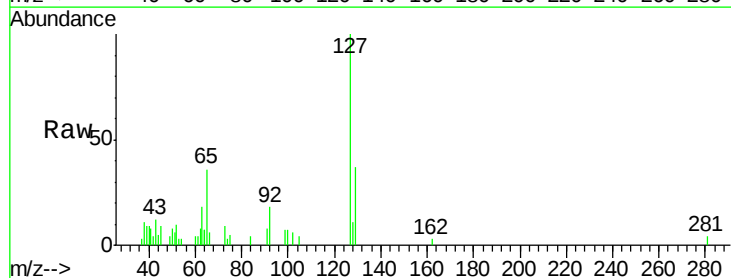
Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

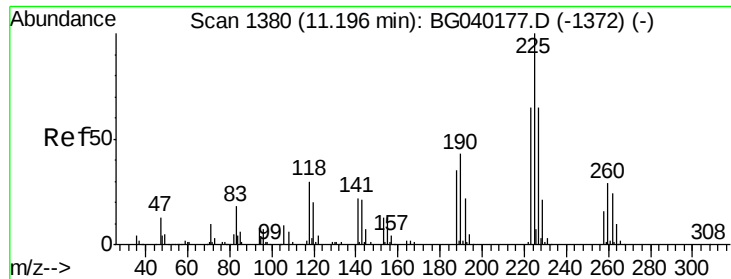
Tgt Ion:128 Resp: 501556
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.6 11.4 17.0



#33
4-Chloroaniline
Concen: 2.693 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:127 Resp: 12566
Ion Ratio Lower Upper
127 100
129 36.5 26.6 40.0
65 36.3 27.0 40.4
92 17.6 16.6 25.0

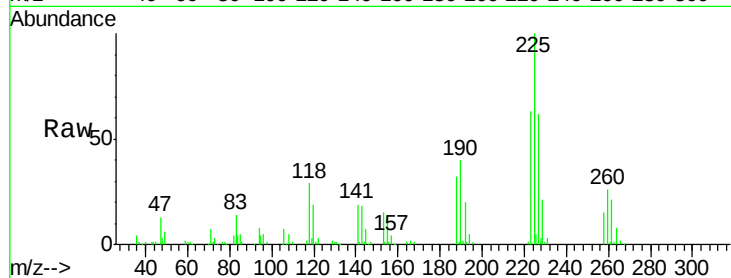




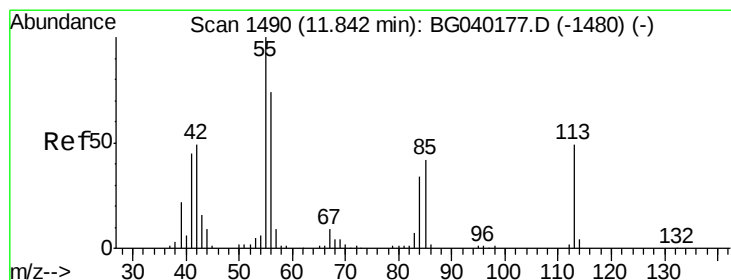
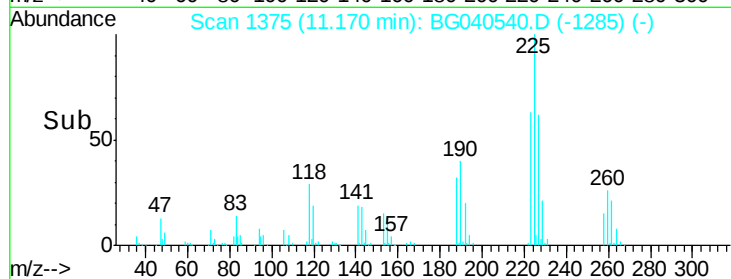
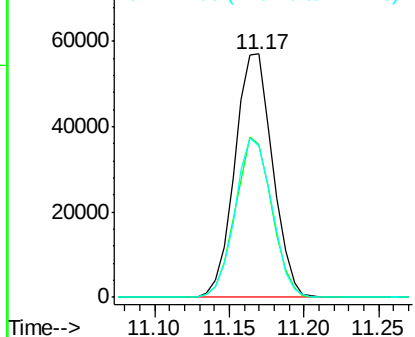
#34
Hexachlorobutadiene
Concen: 41.977 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

Tgt Ion:225 Resp: 100139
Ion Ratio Lower Upper
225 100
223 62.8 51.8 77.8
227 62.3 54.9 82.3

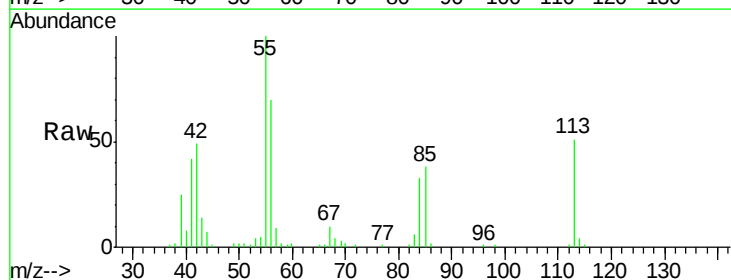


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

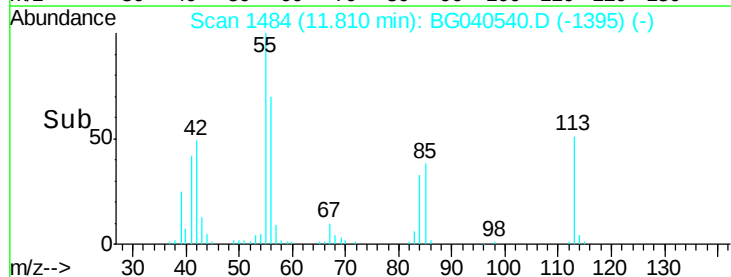
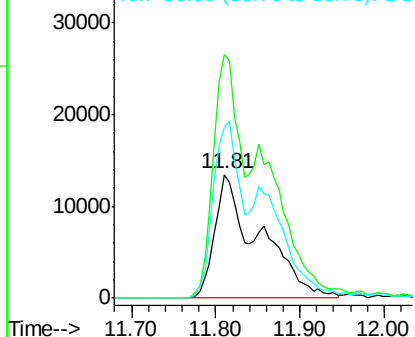


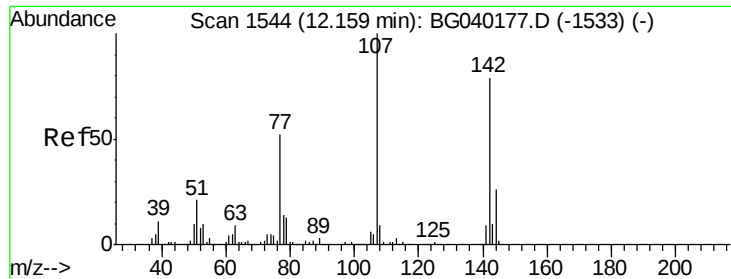
#35
Caprolactam
Concen: 36.433 ng m
RT: 11.81 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:113 Resp: 49114
Ion Ratio Lower Upper
113 100
55 197.3 184.2 224.2
56 138.4 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG0
Ion 56.00 (55.70 to 56.70): BG0

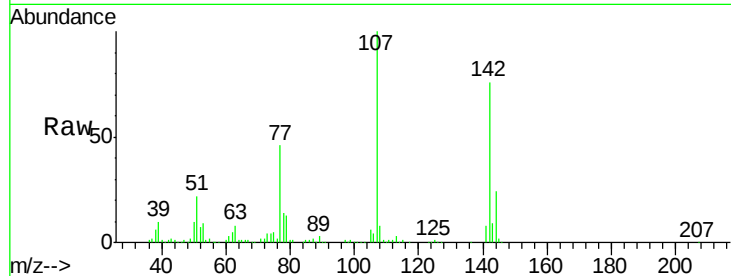




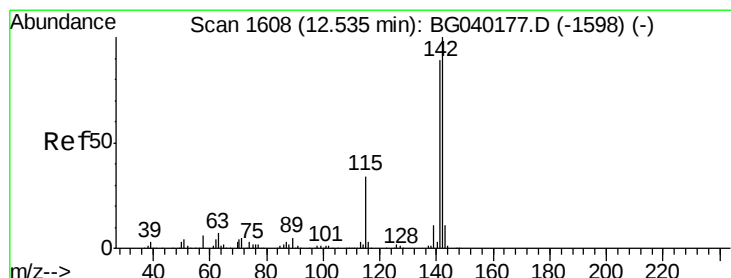
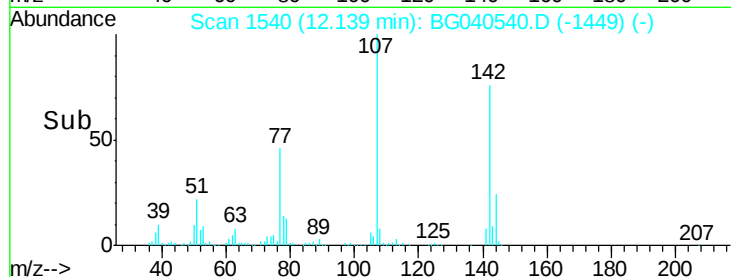
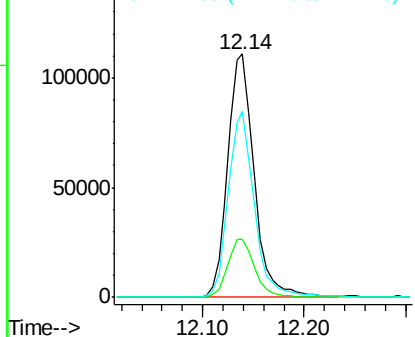
#36
 4-Chloro-3-methylphenol
 Concen: 51.659 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

Tgt Ion:107 Resp: 201744
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.5 30.7
 142 76.4 63.1 94.7

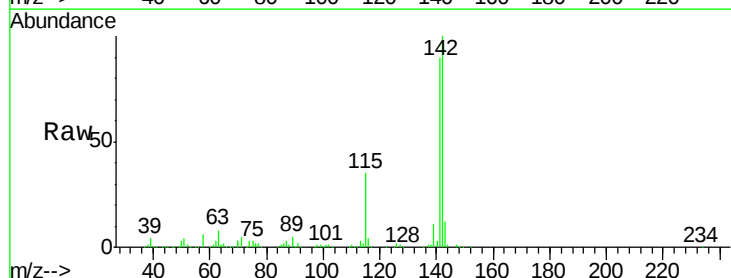


Abundance Ion 107.00 (106.70 to 107.70): E
 150000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

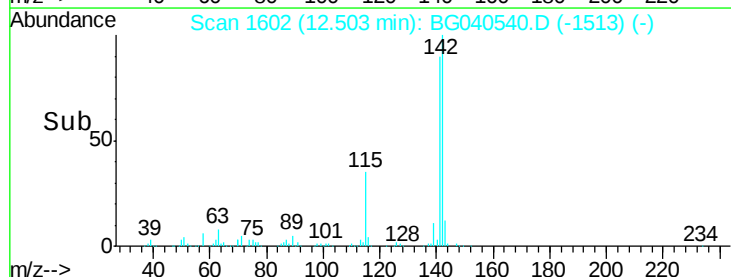
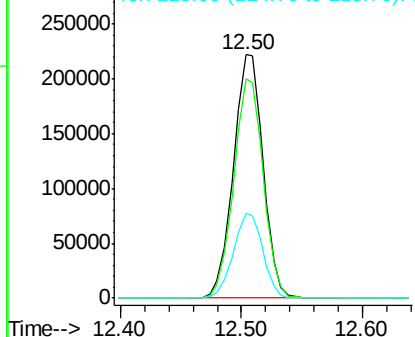


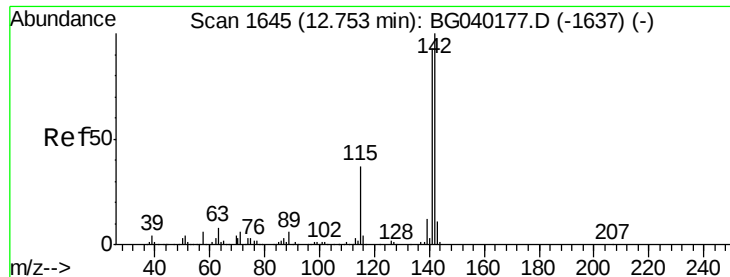
#37
 2-Methylnaphthalene
 Concen: 46.862 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:142 Resp: 379162
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 35.1 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E
 300000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

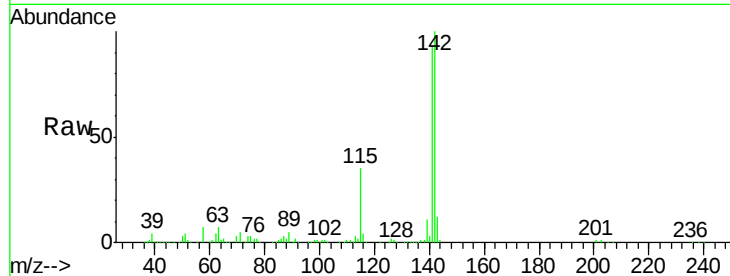




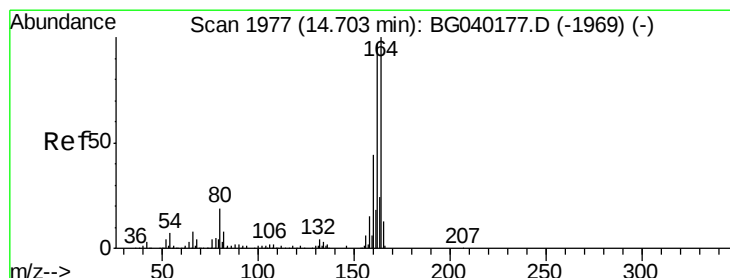
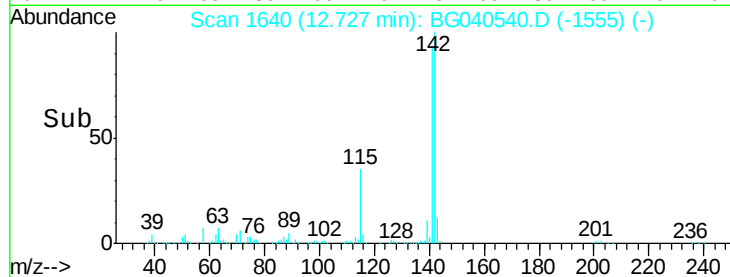
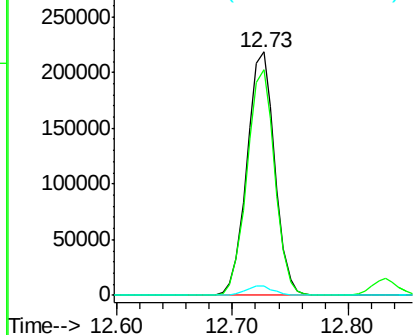
#38
1-Methylnaphthalene
Concen: 46.427 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

Tgt Ion:142 Resp: 364266
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4
116 3.6 3.0 4.4

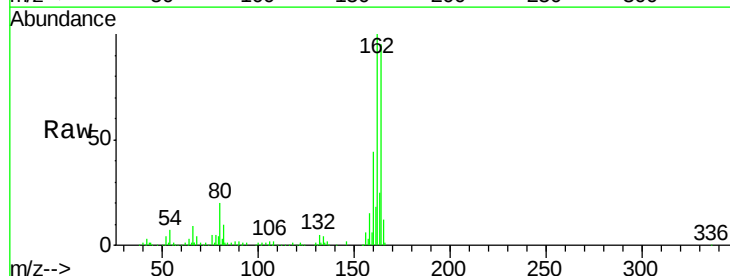


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

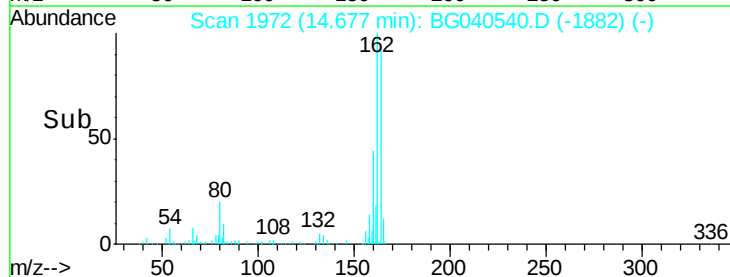
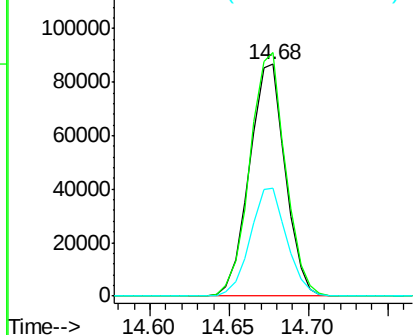


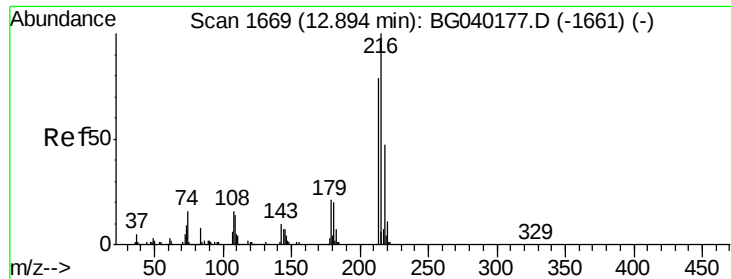
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:164 Resp: 136609
Ion Ratio Lower Upper
164 100
162 105.2 77.4 116.2
160 46.4 35.3 52.9



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

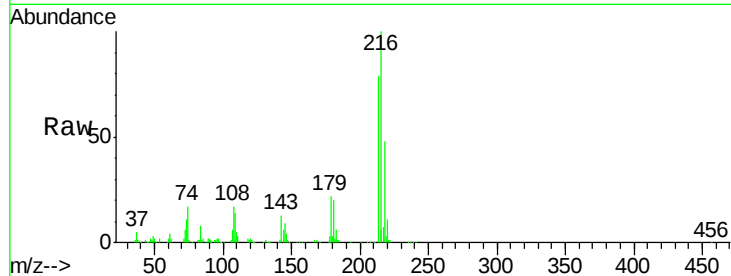




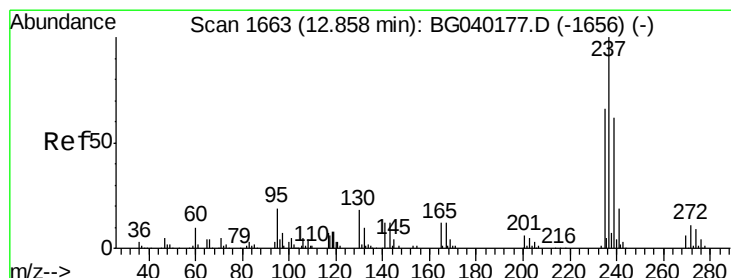
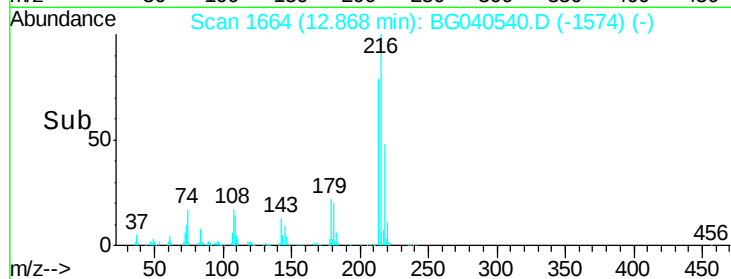
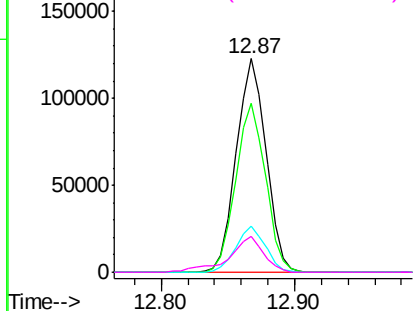
#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.667 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

Tgt Ion:	216	Resp:	189599
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.5	95.3
179	21.4	16.6	25.0
108	19.9	13.8	20.8

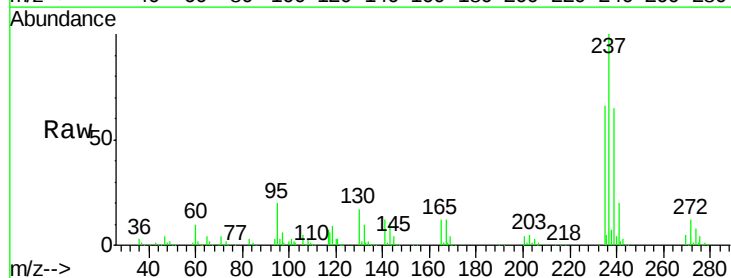


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

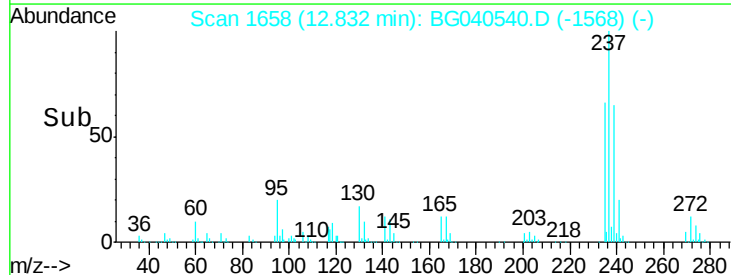
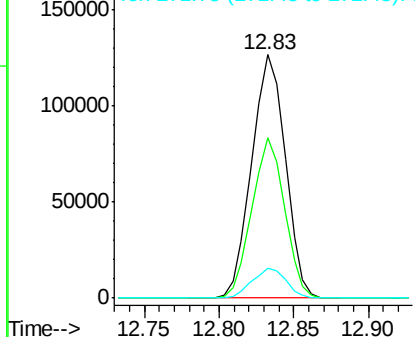


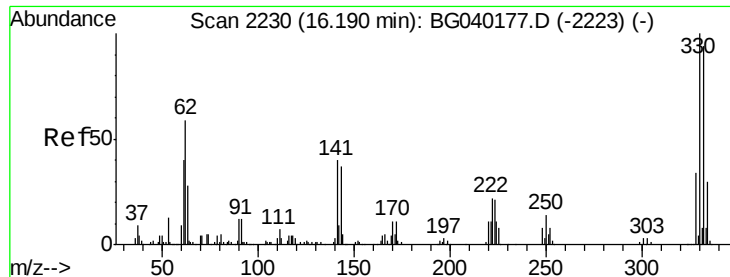
#41
Hexachlorocyclopentadiene
Concen: 82.502 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:	237	Resp:	196686
Ion	Ratio	Lower	Upper
237	100		
235	65.7	46.2	86.2
272	12.2	0.0	30.5



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

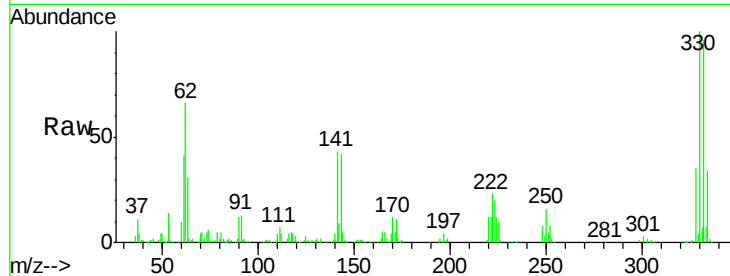




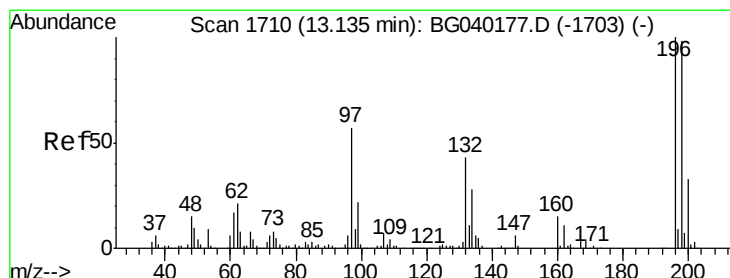
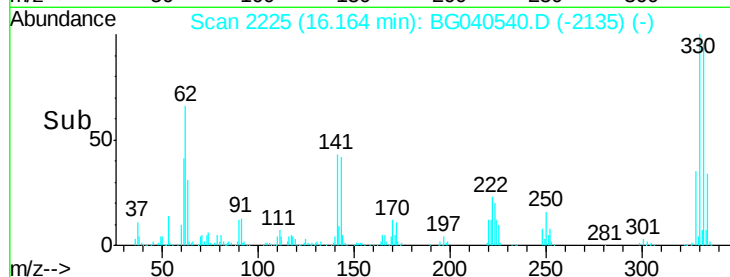
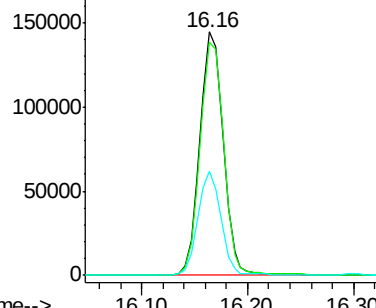
#42
 2,4,6-Tribromophenol
 Concen: 150.697 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

Tgt Ion:330 Resp: 222487
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 41.8 32.6 48.8

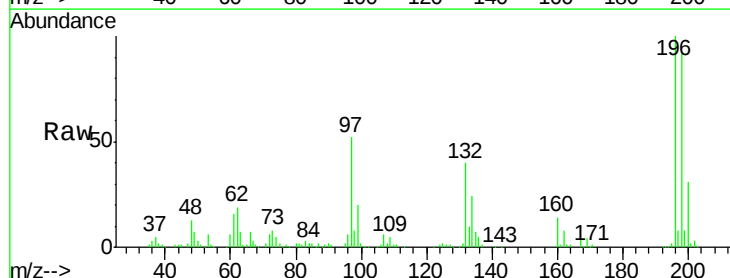


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

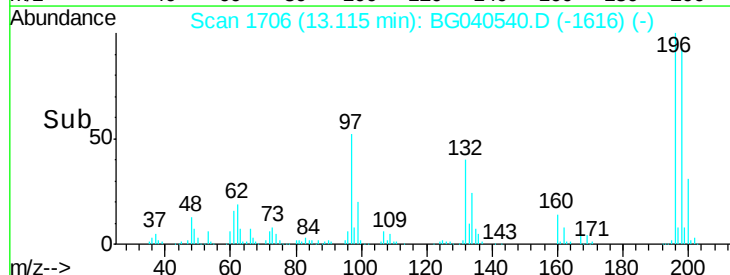
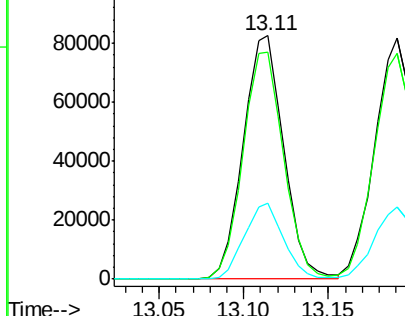


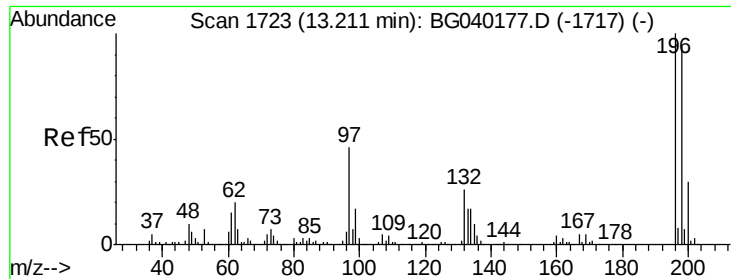
#43
 2,4,6-Trichlorophenol
 Concen: 49.197 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:196 Resp: 137720
 Ion Ratio Lower Upper
 196 100
 198 93.1 78.3 117.5
 200 31.4 26.0 39.0



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

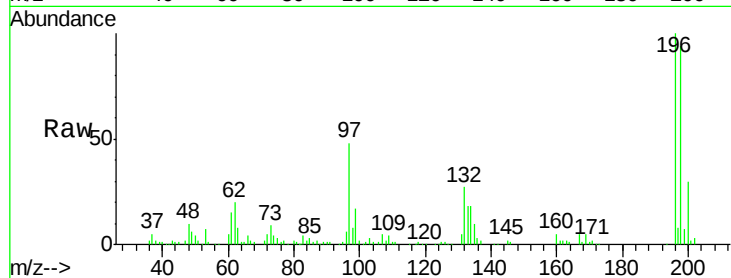




#44
 2,4,5-Trichlorophenol
 Concen: 47.485 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

Tgt Ion	Resp	Lower	Upper
196	144888		
198	93.6	75.0	112.6
97	47.6	37.3	55.9
132	26.7	20.9	31.3



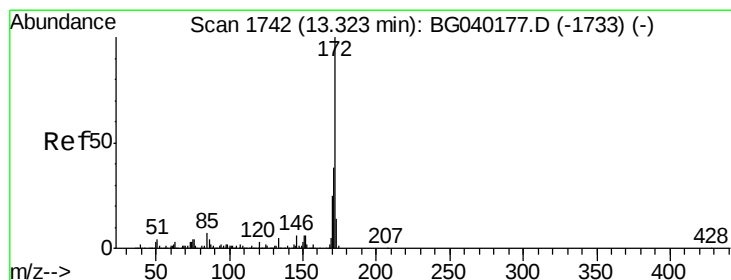
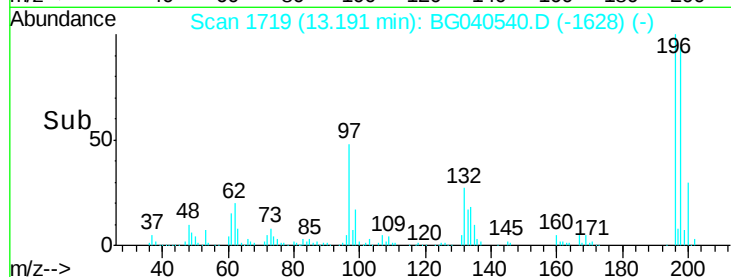
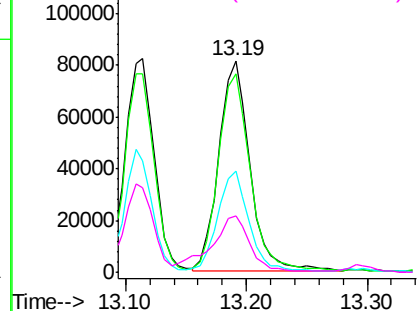
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.820 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

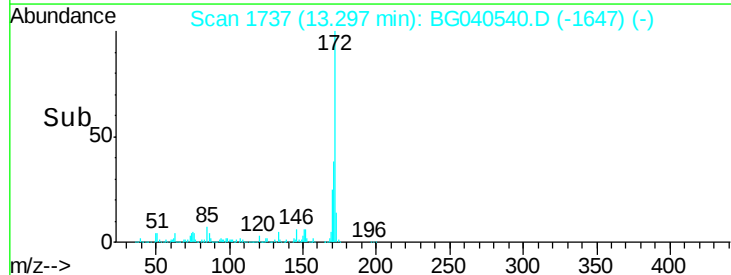
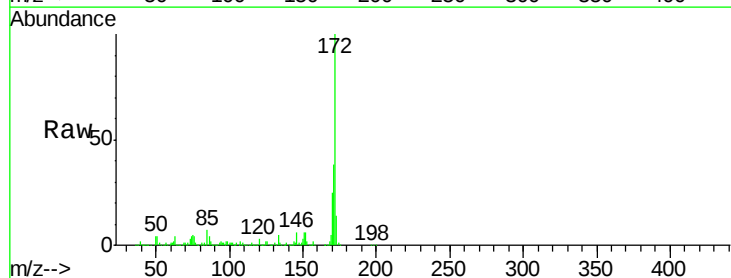
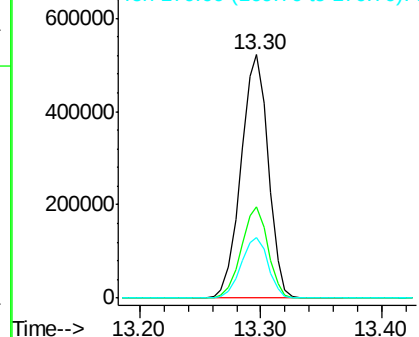
Tgt Ion	Resp	Lower	Upper
172	818868		
171	37.7	30.5	45.7
170	24.9	20.1	30.1

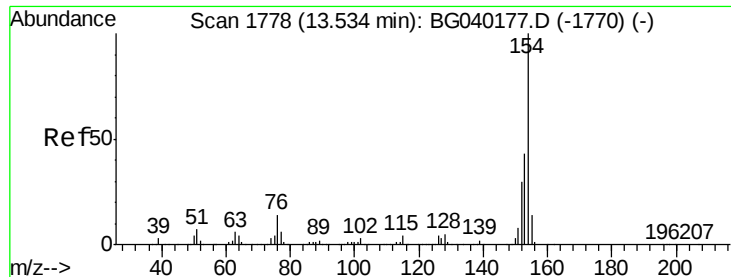
Abundance

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: 45.953 ng

RT: 13.51 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

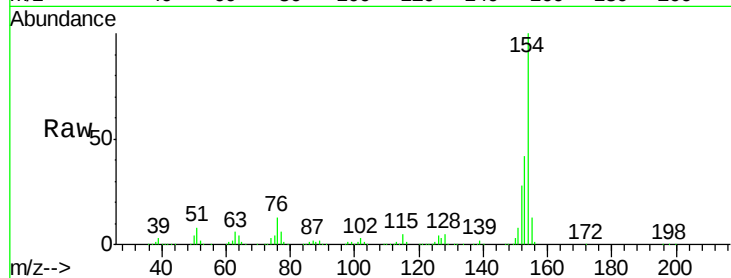
Tgt Ion:154 Resp: 496010

Ion Ratio Lower Upper

154 100

153 41.9 22.5 62.5

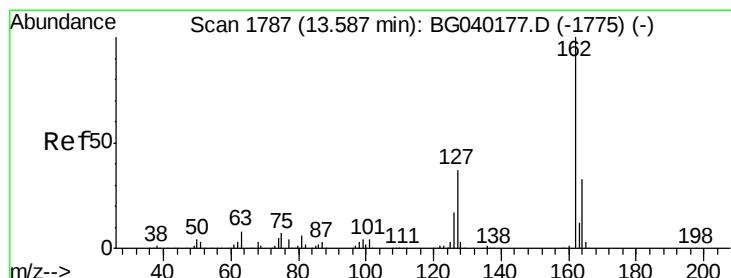
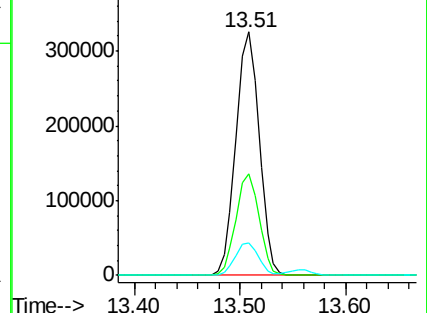
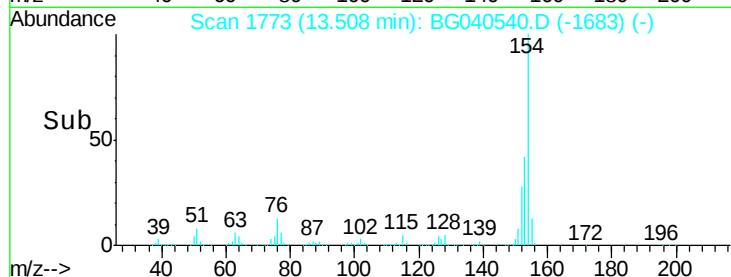
76 13.4 0.0 33.7



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: 46.258 ng

RT: 13.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

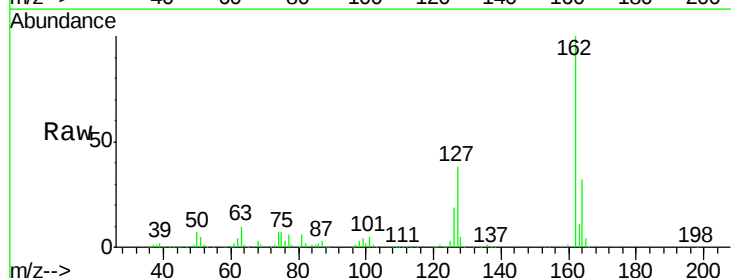
Tgt Ion:162 Resp: 382996

Ion Ratio Lower Upper

162 100

127 38.2 30.6 45.8

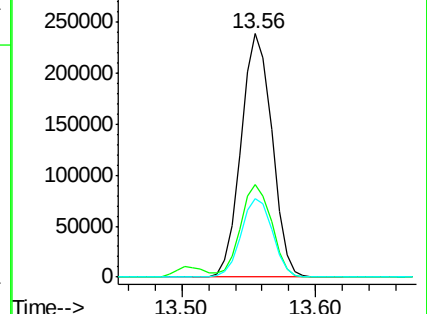
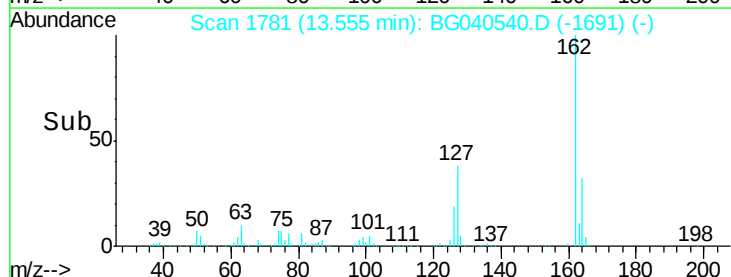
164 32.1 26.2 39.4

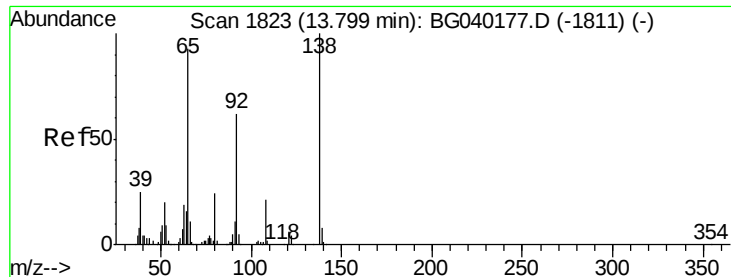


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

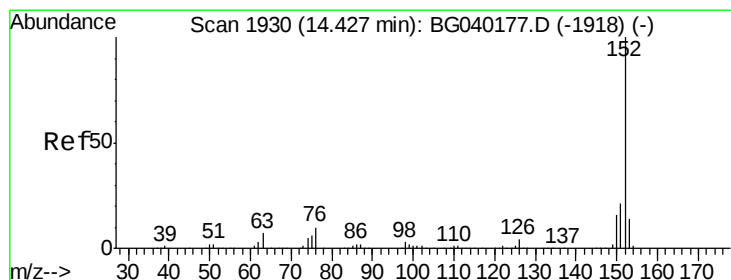
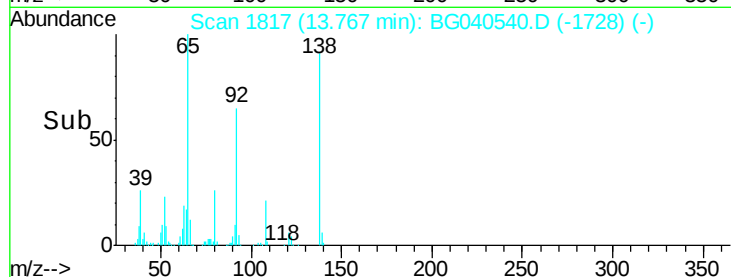
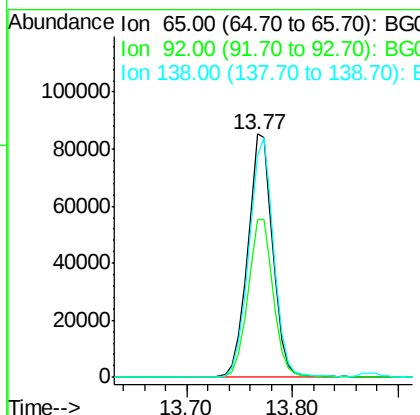
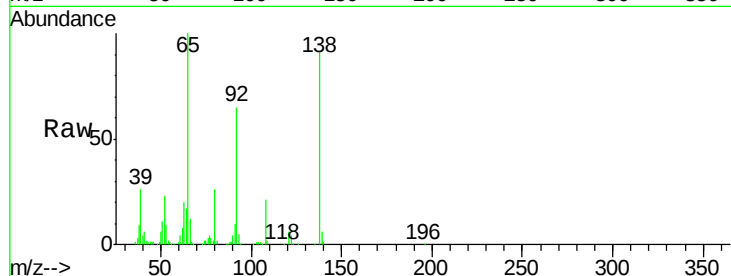




#48
2-Nitroaniline
Concen: 50.428 ng
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

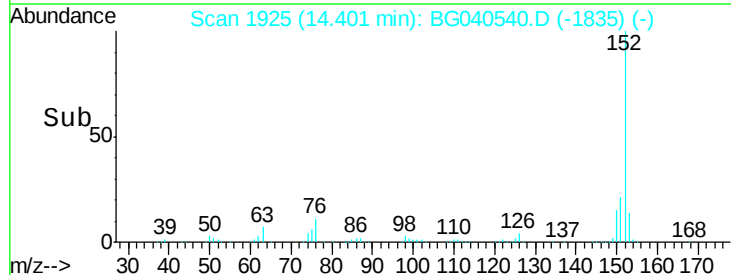
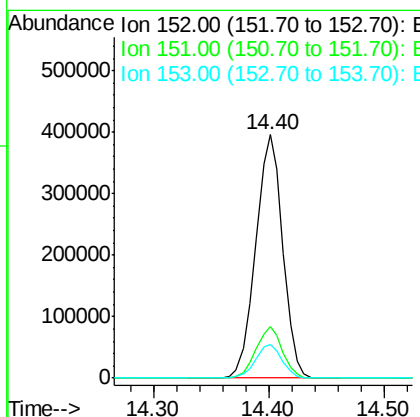
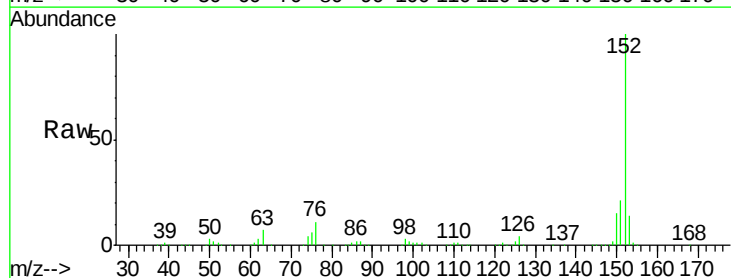
Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

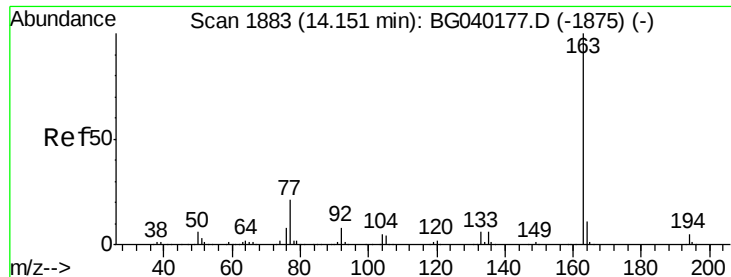
Tgt Ion: 65 Resp: 140835
Ion Ratio Lower Upper
65 100
92 64.8 53.8 80.6
138 91.0 86.3 129.5



#49
Acenaphthylene
Concen: 45.811 ng
RT: 14.40 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion: 152 Resp: 643091
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6
153 13.9 10.8 16.2





#50

Dimethylphthalate

Concen: 49.927 ng

RT: 14.13 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

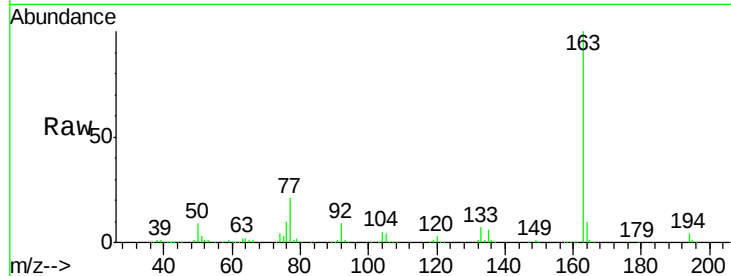
Tgt Ion:163 Resp: 533792

Ion Ratio Lower Upper

163 100

194 4.4 4.1 6.1

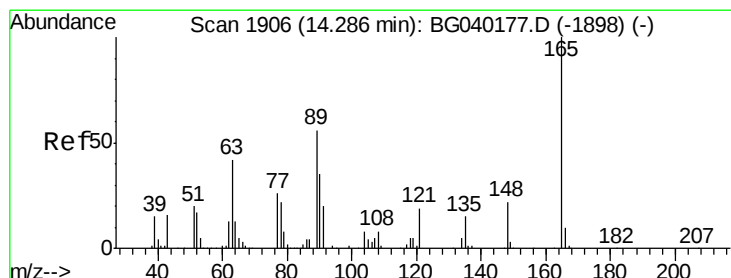
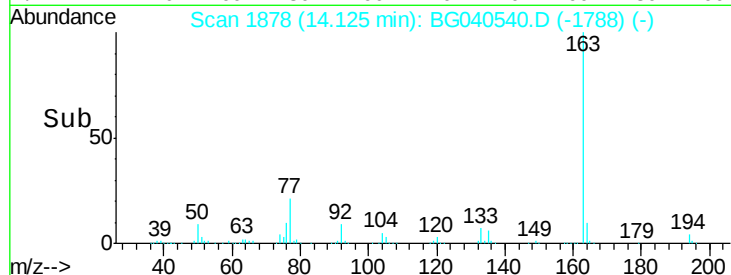
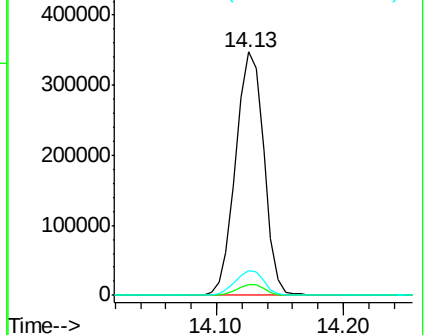
164 10.3 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 50.039 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

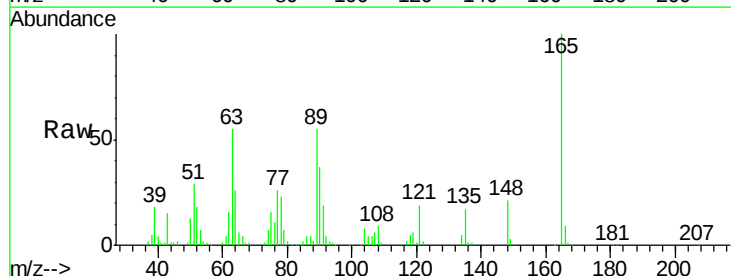
Tgt Ion:165 Resp: 120127

Ion Ratio Lower Upper

165 100

63 55.0 44.1 66.1

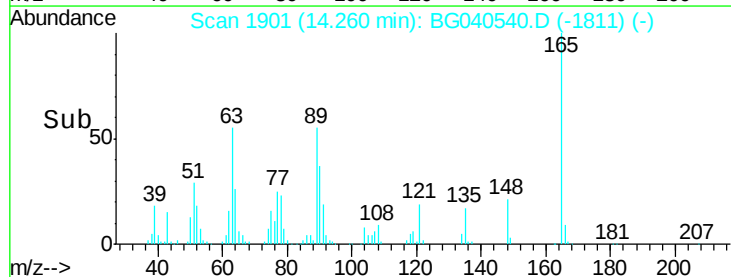
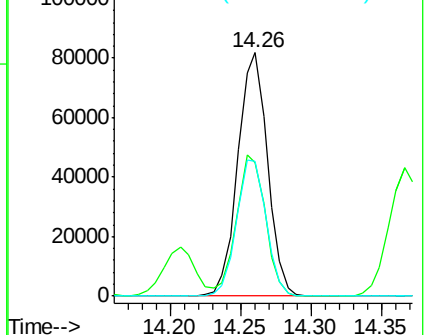
89 55.1 44.9 67.3

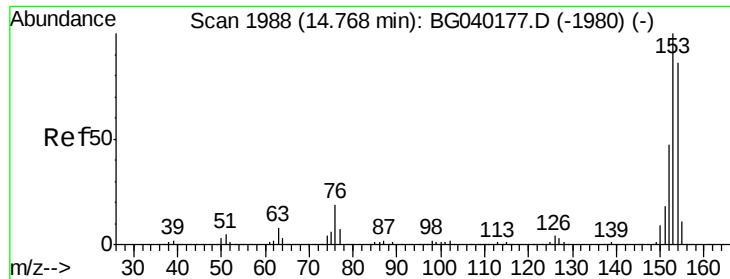


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 47.008 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

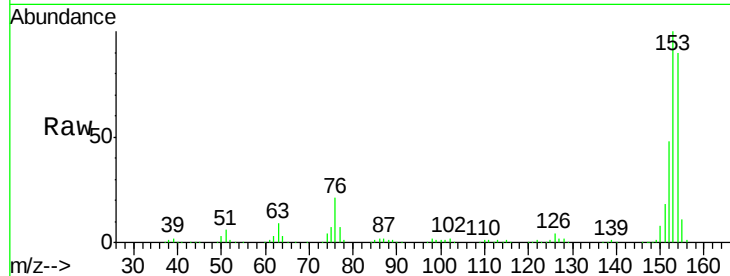
Tgt Ion:154 Resp: 378131

Ion Ratio Lower Upper

154 100

153 110.9 92.8 139.2

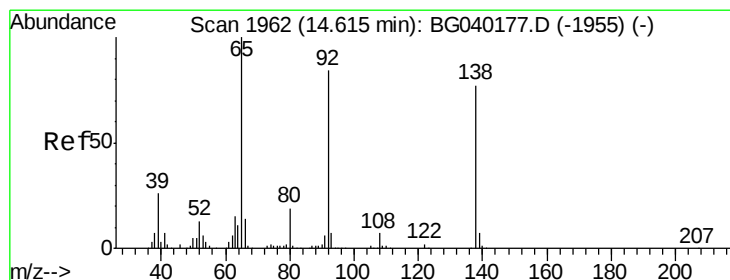
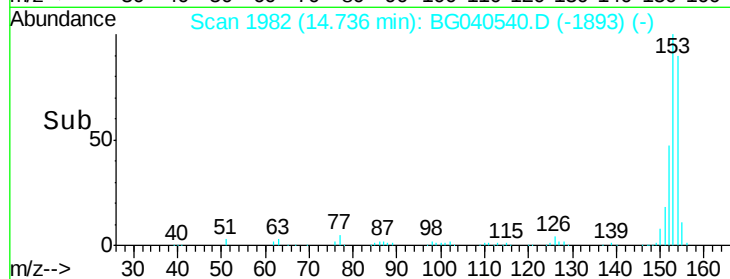
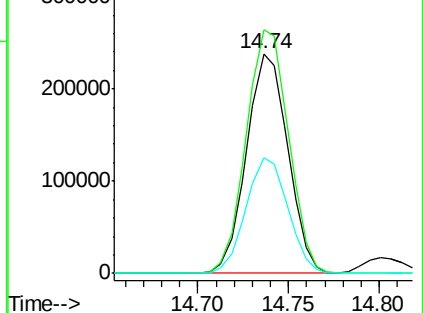
152 52.8 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 3.175 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

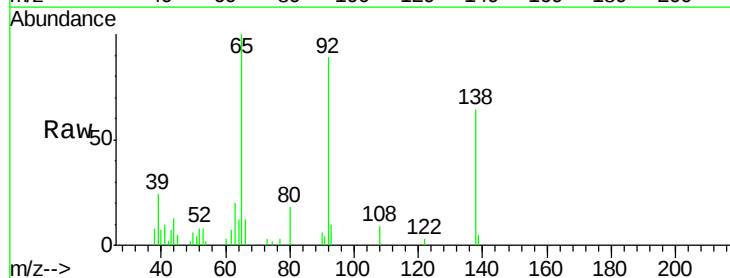
Tgt Ion:138 Resp: 8067

Ion Ratio Lower Upper

138 100

108 14.0 7.8 11.8#

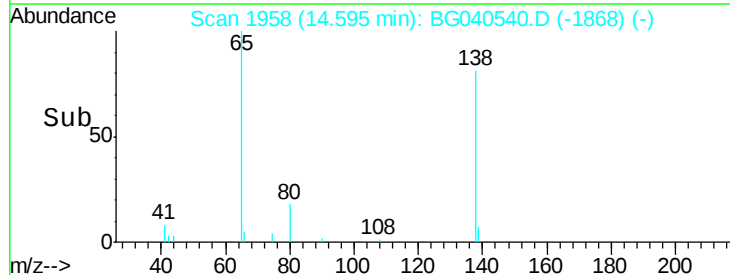
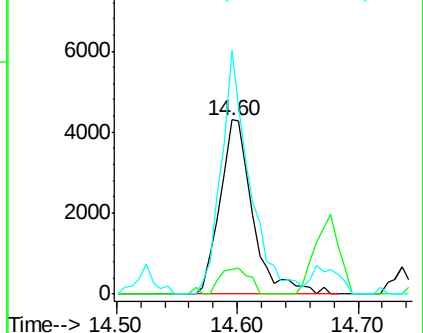
92 139.6 87.5 131.3#

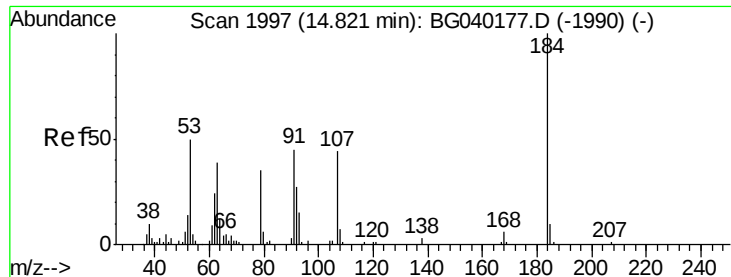


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

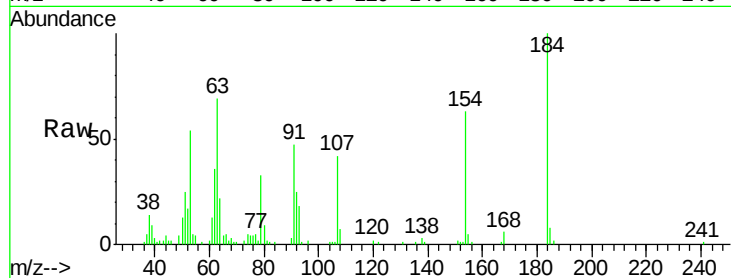




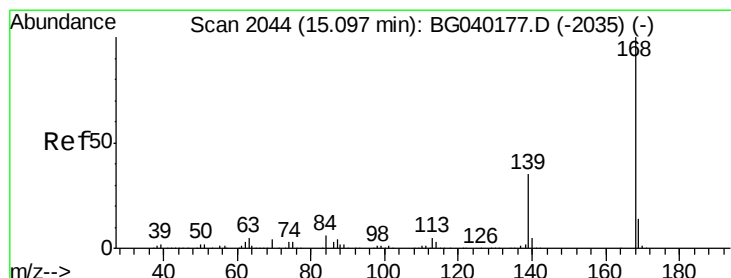
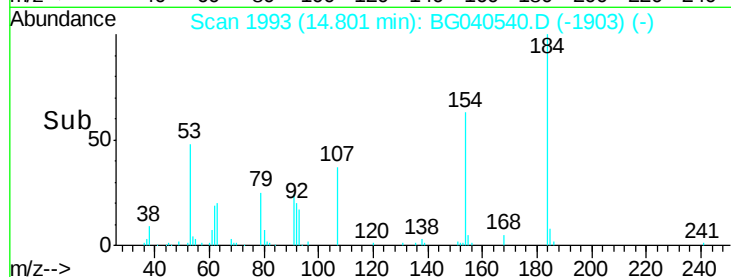
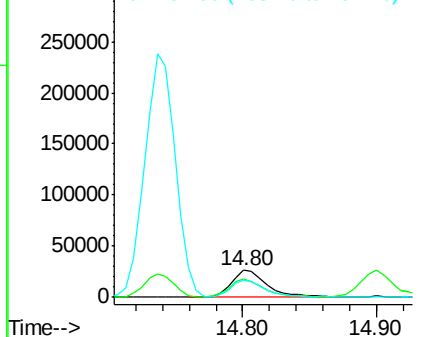
#54
2,4-Dinitrophenol
Concen: 38.568 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

Tgt Ion:184 Resp: 49240
Ion Ratio Lower Upper
184 100
63 69.0 51.8 77.8
154 63.3 50.9 76.3

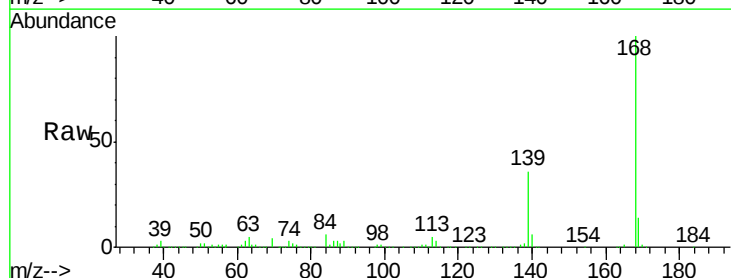


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

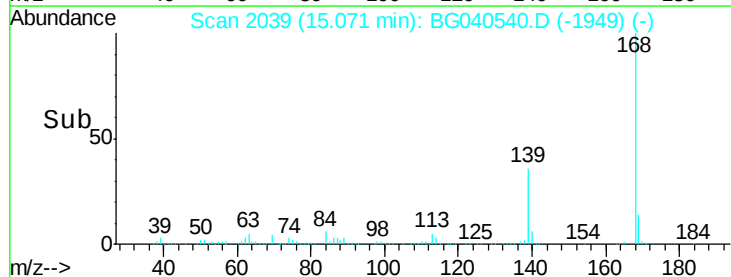
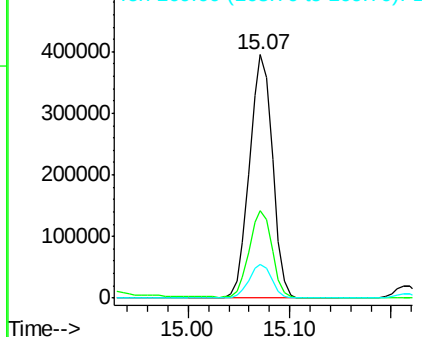


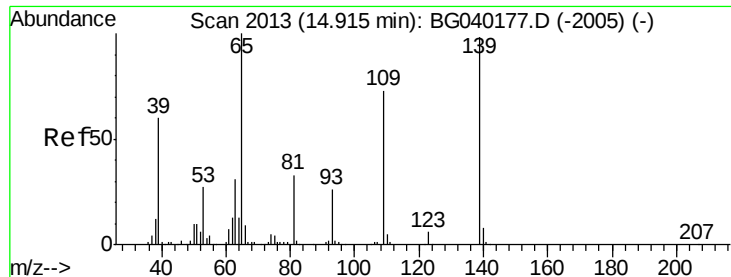
#55
Dibenzofuran
Concen: 47.988 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:168 Resp: 620261
Ion Ratio Lower Upper
168 100
139 35.7 27.9 41.9
169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

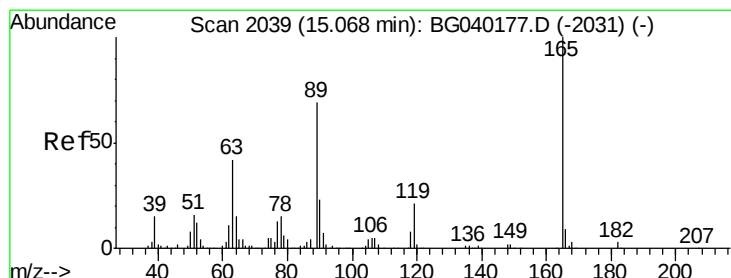
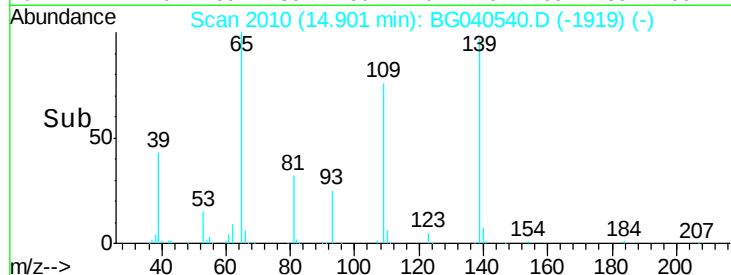
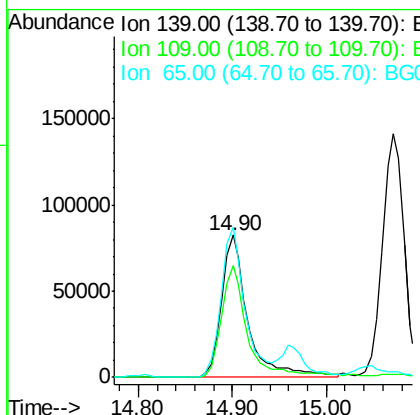
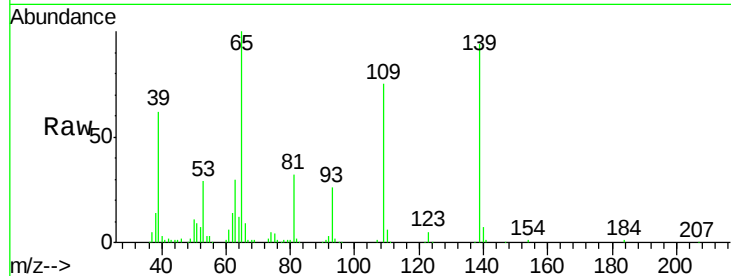




#56
4-Nitrophenol
Concen: 78.482 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

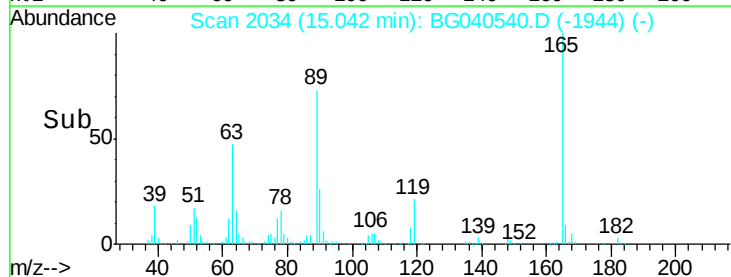
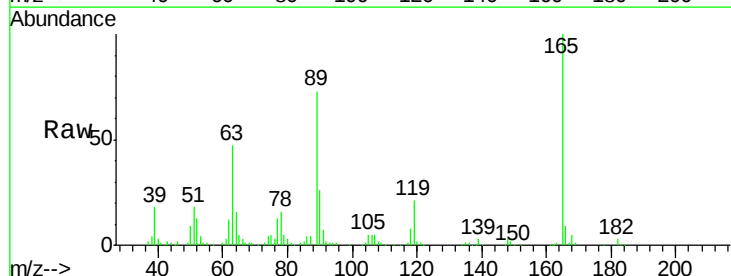
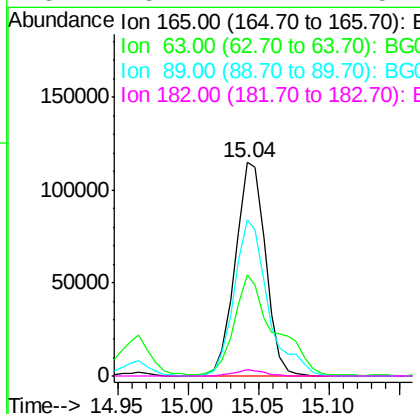
Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

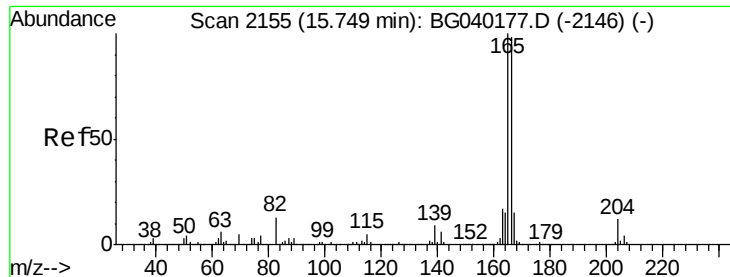
Tgt Ion:139 Resp: 160960
Ion Ratio Lower Upper
139 100
109 78.9 54.3 94.3
65 105.9 82.5 122.5



#57
2,4-Dinitrotoluene
Concen: 51.387 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:165 Resp: 171413
Ion Ratio Lower Upper
165 100
63 47.1 33.8 50.6
89 72.9 55.4 83.2
182 3.1 2.2 3.4





#58

Fluorene

Concen: 47.861 ng

RT: 15.72 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

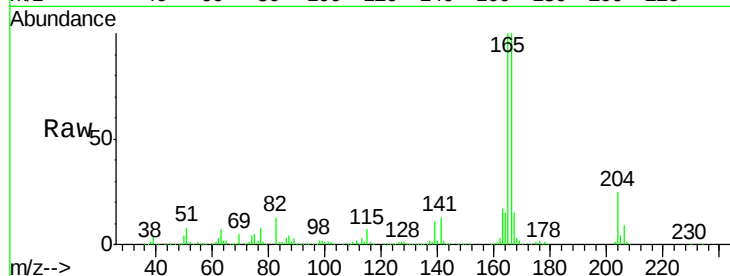
Tgt Ion:166 Resp: 486371

Ion Ratio Lower Upper

166 100

165 99.7 81.7 122.5

167 15.0 11.9 17.9

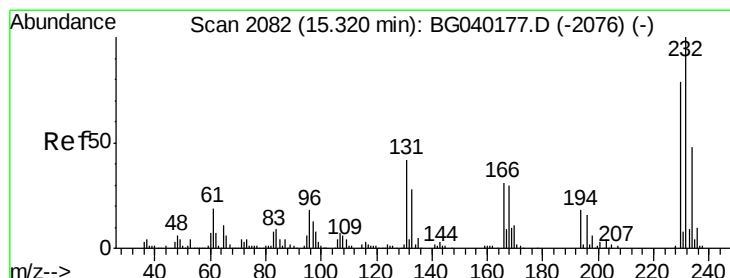
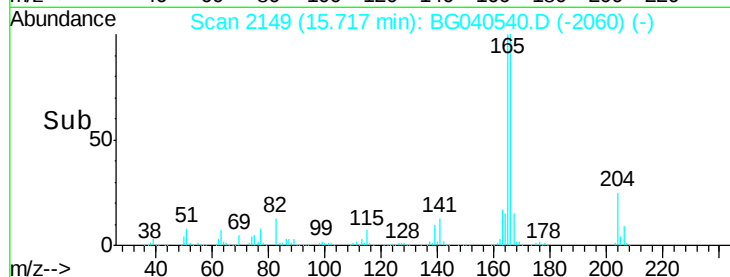
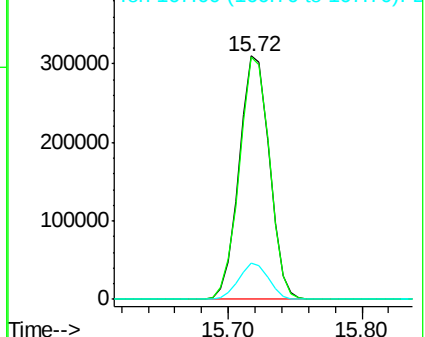


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 50.882 ng

RT: 15.29 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Tgt Ion:232 Resp: 140884

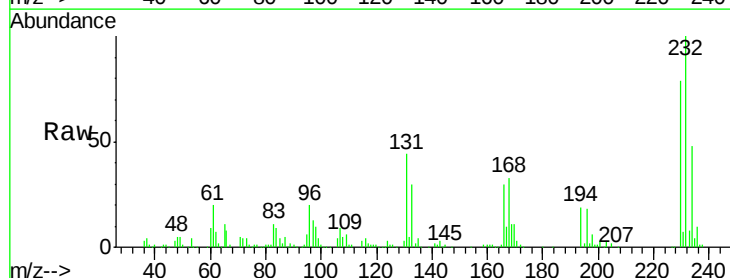
Ion Ratio Lower Upper

232 100

131 40.6 32.9 49.3

130 2.5 1.8 2.8

166 28.5 23.5 35.3



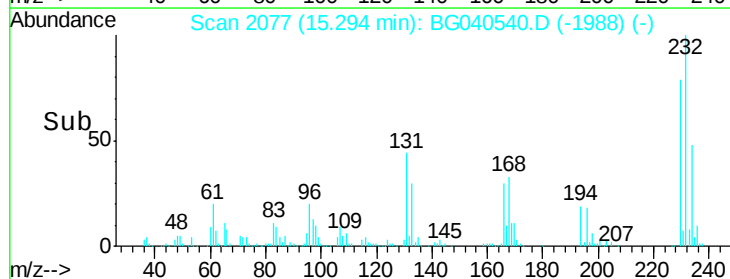
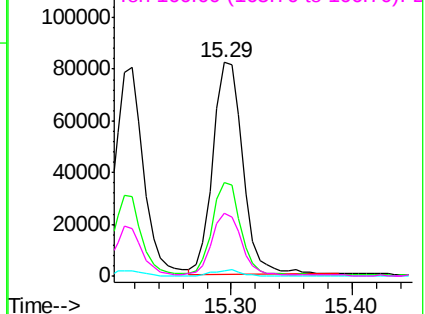
Abundance

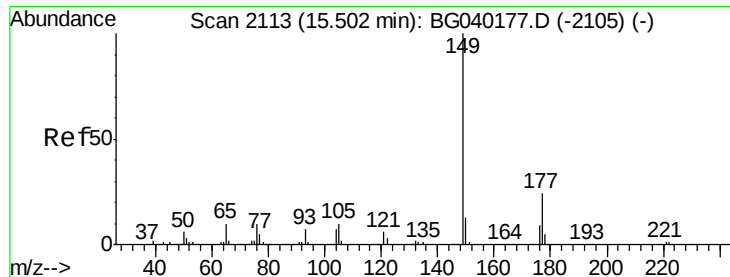
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

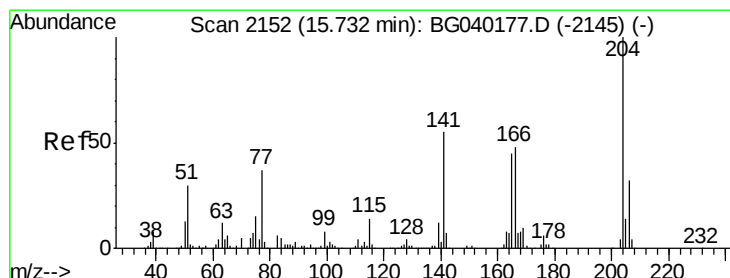
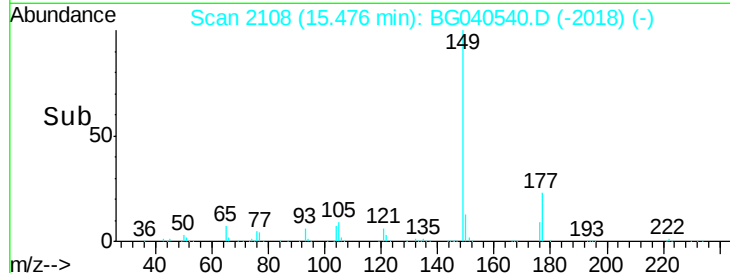
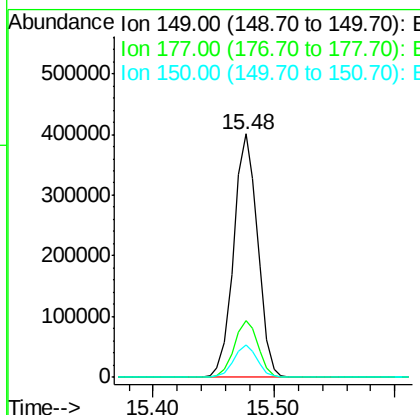
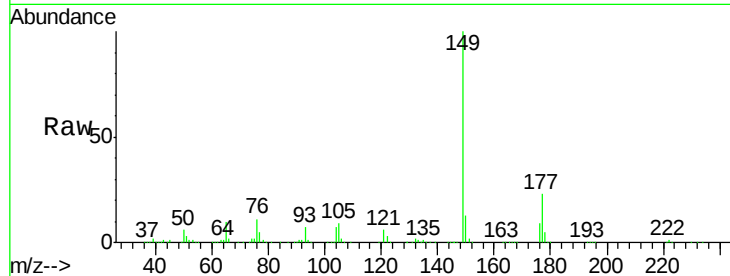




#60
Diethylphthalate
Concen: 50.564 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

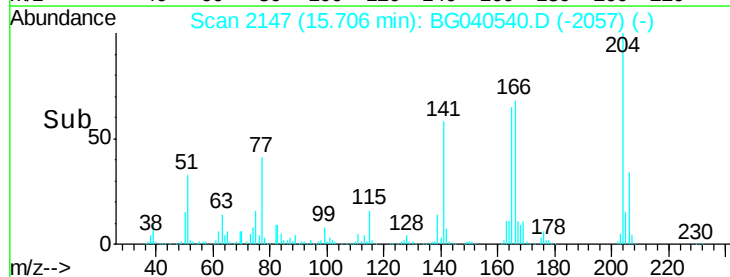
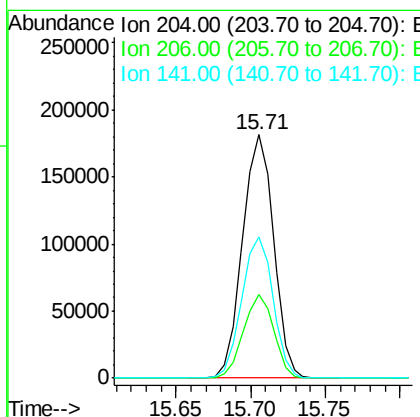
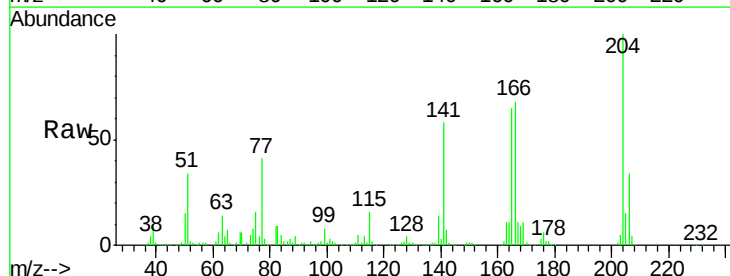
Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

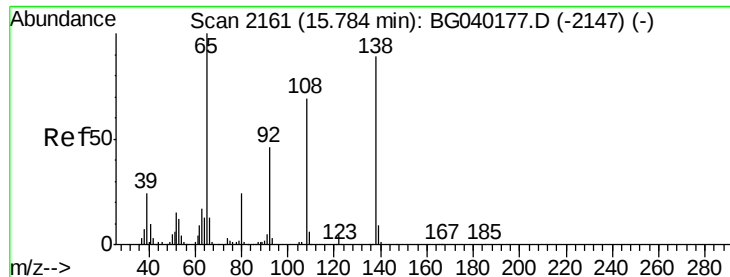
Tgt Ion:149 Resp: 553196
Ion Ratio Lower Upper
149 100
177 23.1 19.1 28.7
150 13.1 10.6 15.8



#61
4-Chlorophenyl-phenylether
Concen: 48.228 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:204 Resp: 261974
Ion Ratio Lower Upper
204 100
206 34.2 25.7 38.5
141 58.2 44.0 66.0





#62

4-Nitroaniline

Concen: 41.424 ng

RT: 15.76 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

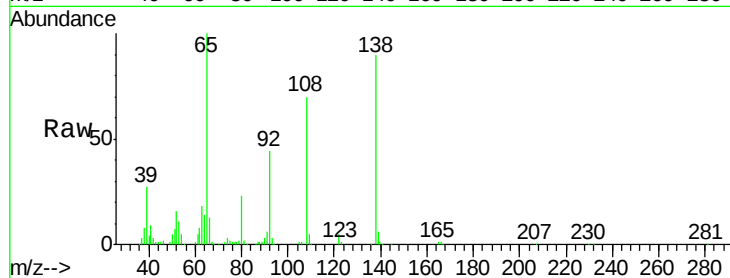
Tgt Ion:138 Resp: 112968

Ion Ratio Lower Upper

138 100

92 49.2 31.8 71.8

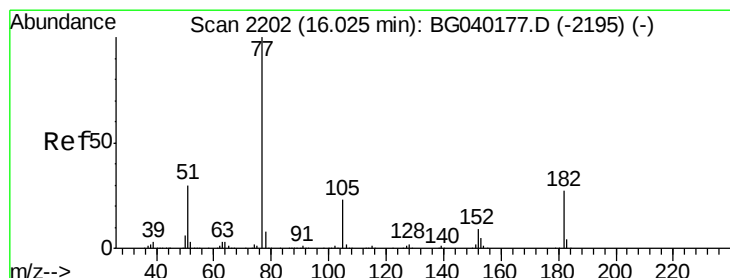
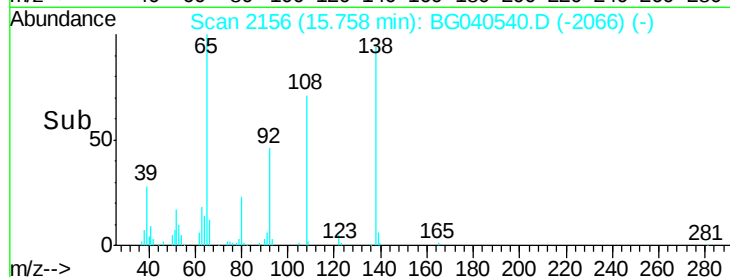
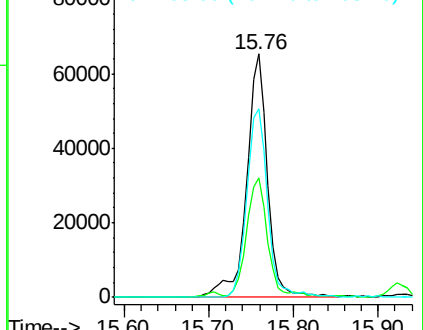
108 77.6 57.2 97.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 49.794 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Tgt Ion: 77 Resp: 513863

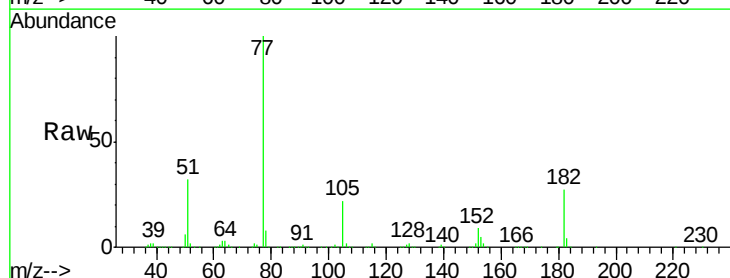
Ion Ratio Lower Upper

77 100

182 26.9 7.2 47.2

105 21.7 2.8 42.8

51 32.2 10.4 50.4

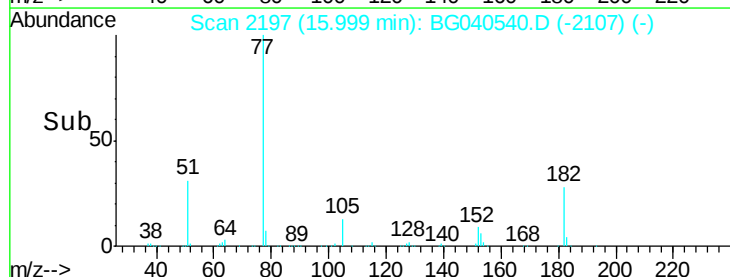
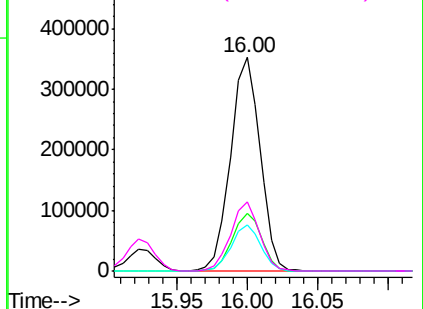


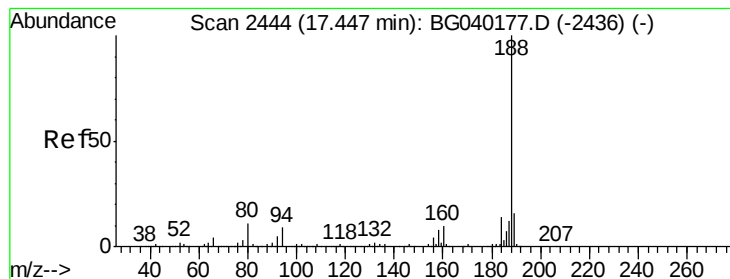
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

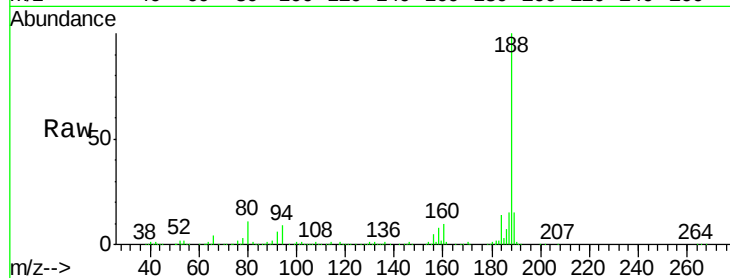
Tgt Ion:188 Resp: 331806

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

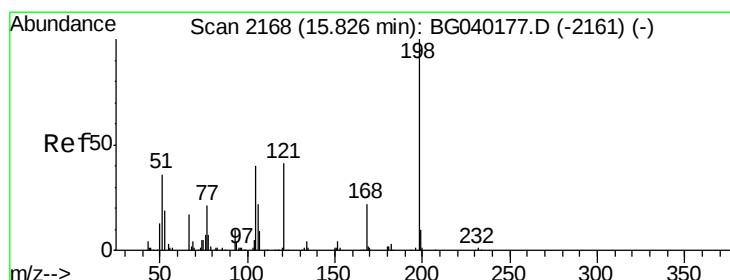
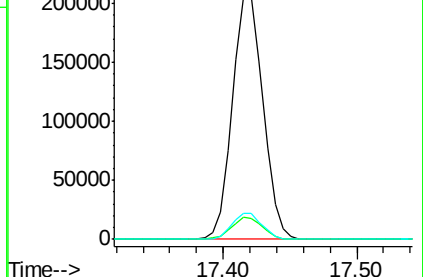
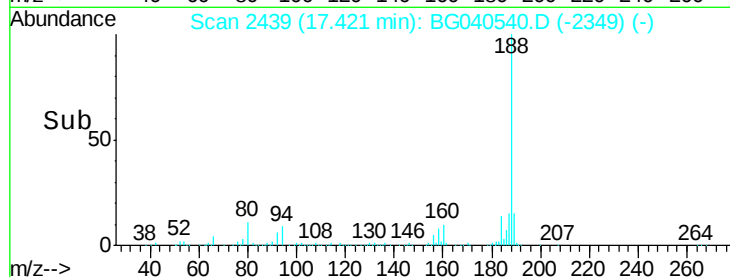
80 10.9 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

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: 28.618 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

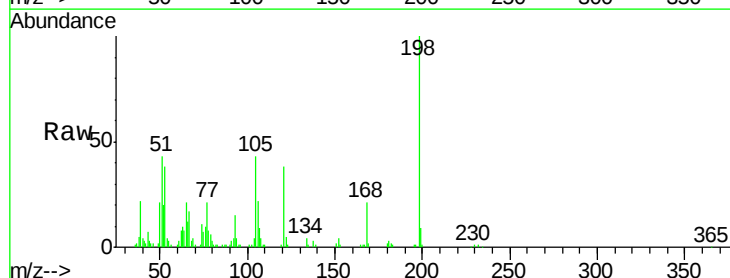
Tgt Ion:198 Resp: 53348

Ion Ratio Lower Upper

198 100

51 43.3 27.3 67.3

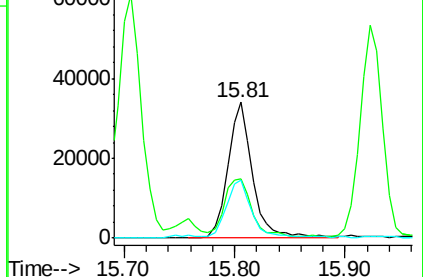
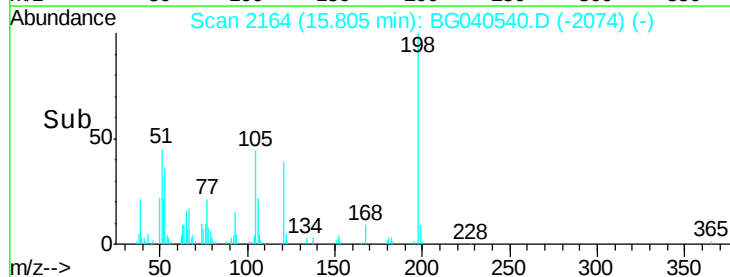
105 43.0 21.7 61.7

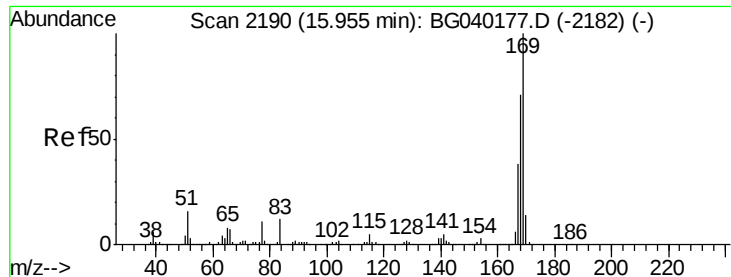


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 47.613 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

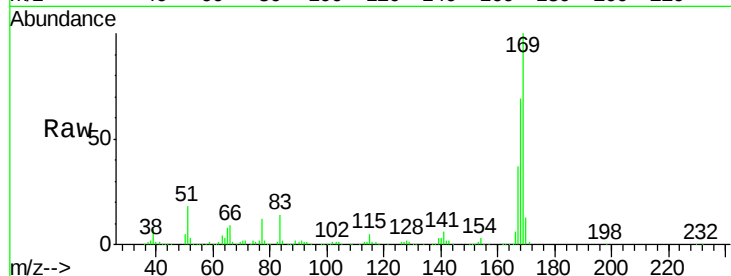
Tgt Ion:169 Resp: 462301

Ion Ratio Lower Upper

169 100

168 69.4 56.8 85.2

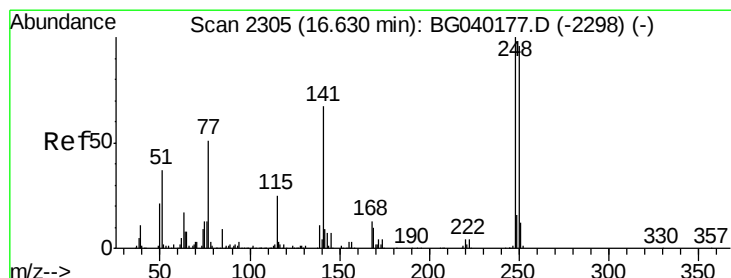
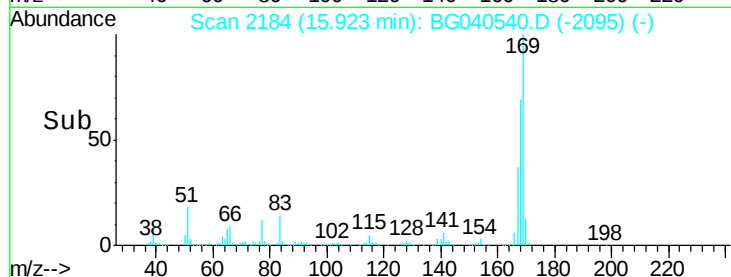
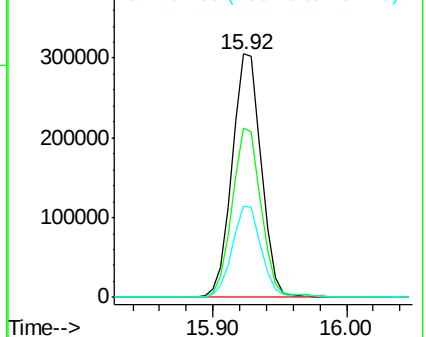
167 37.3 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 45.600 ng

RT: 16.60 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

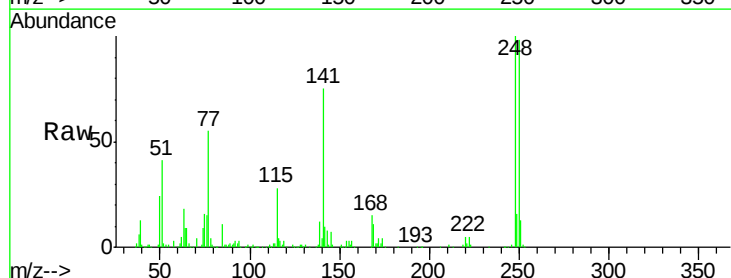
Tgt Ion:248 Resp: 170269

Ion Ratio Lower Upper

248 100

250 97.7 76.4 114.6

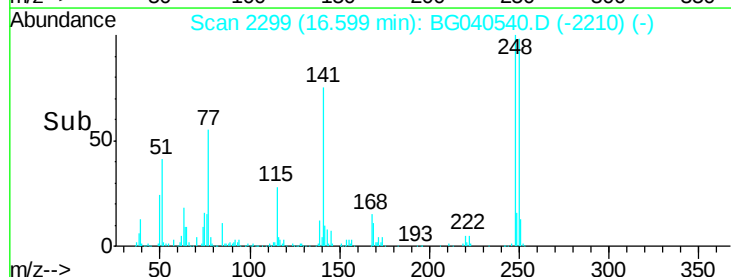
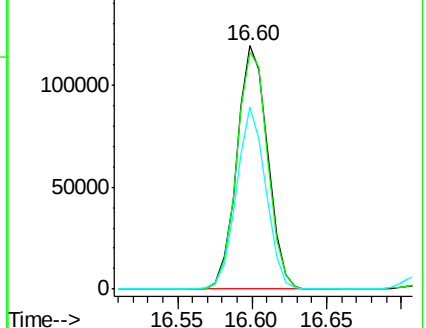
141 74.7 53.8 80.8

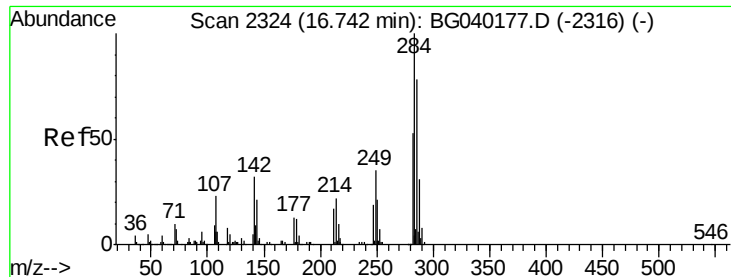


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 46.431 ng

RT: 16.72 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

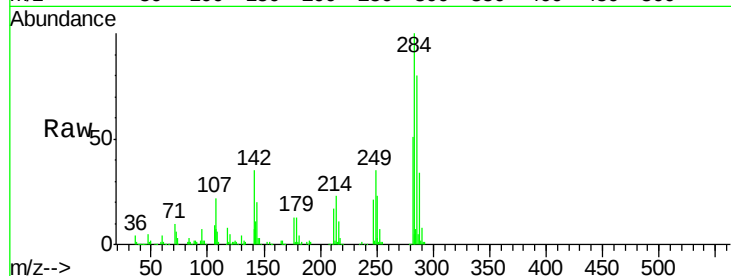
Tgt Ion:284 Resp: 174318

Ion Ratio Lower Upper

284 100

142 34.5 25.3 37.9

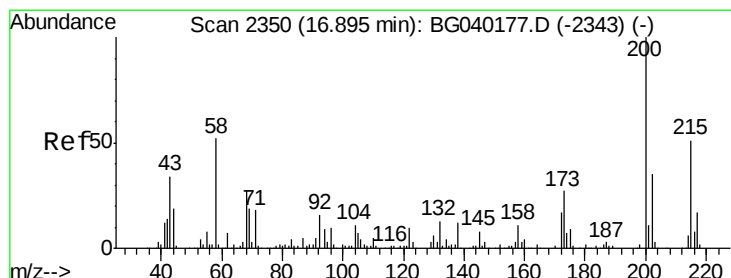
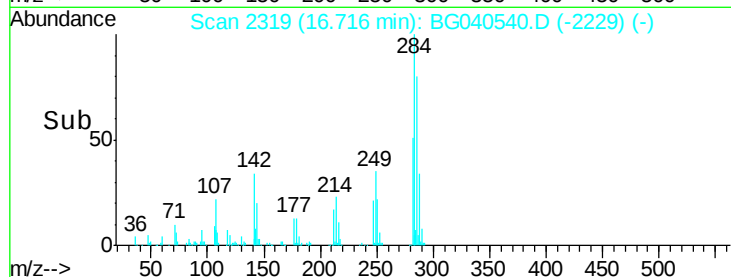
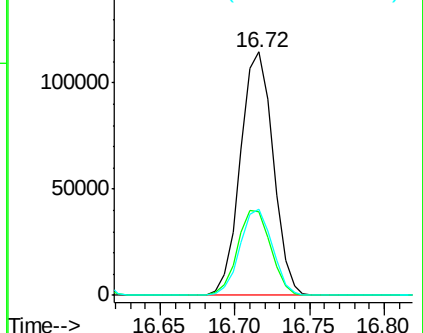
249 35.3 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 47.086 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

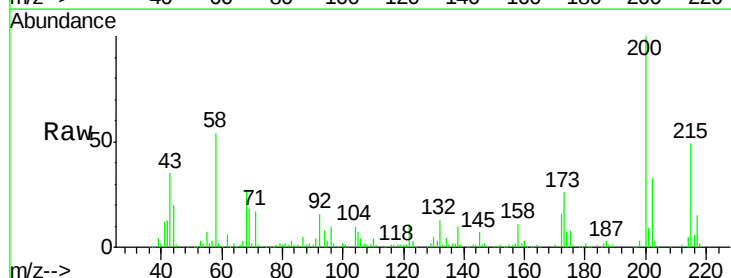
Tgt Ion:200 Resp: 170069

Ion Ratio Lower Upper

200 100

173 26.0 7.1 47.1

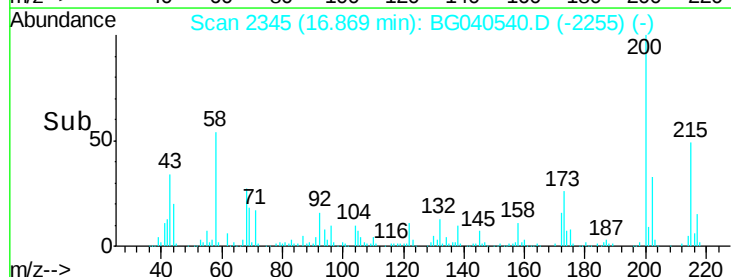
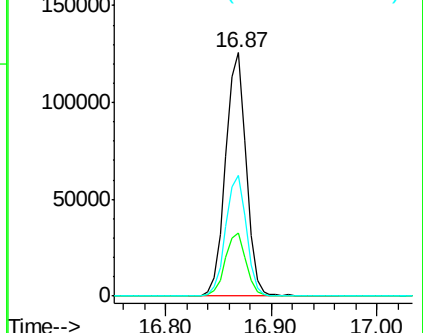
215 49.4 30.9 70.9

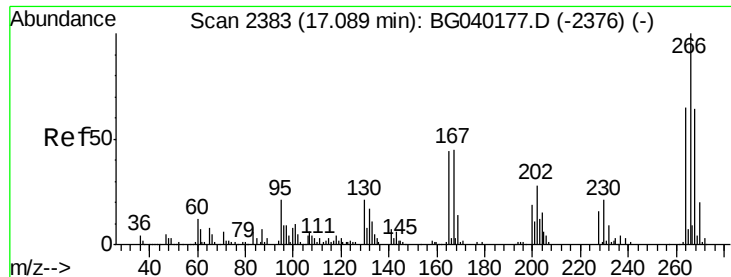


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

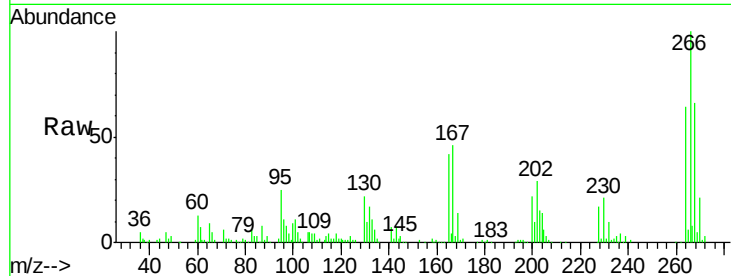




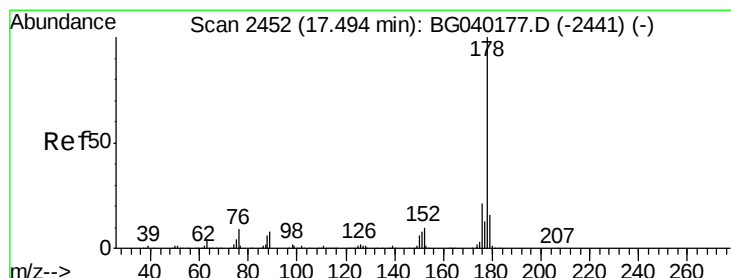
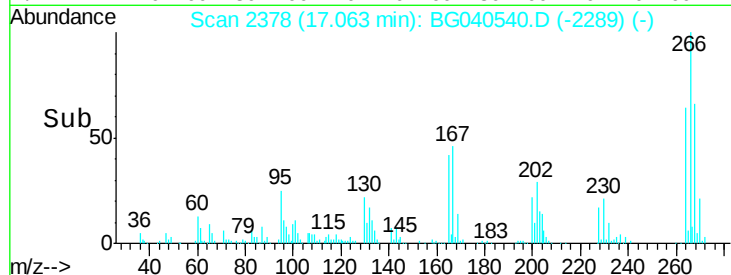
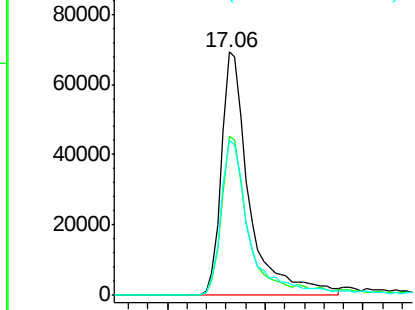
#70
 Pentachlorophenol
 Concen: 63.584 ng
 RT: 17.06 min Scan# 2378
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

Tgt Ion: 266 Resp: 138012
 Ion Ratio Lower Upper
 266 100
 268 70.4 55.0 82.4
 264 63.7 51.8 77.8

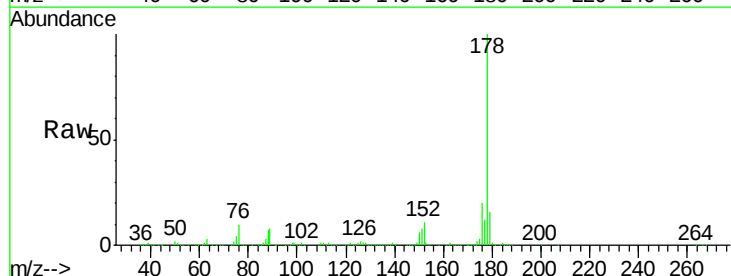


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

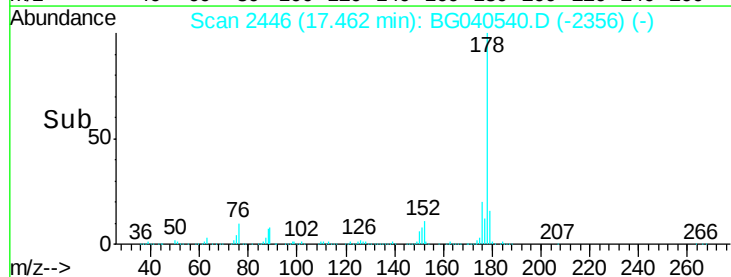
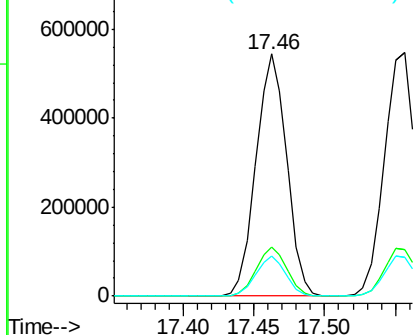


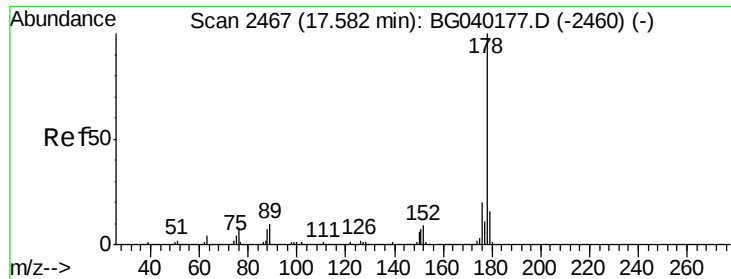
#71
 Phenanthrene
 Concen: 47.797 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion: 178 Resp: 833592
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.7 25.1
 179 16.4 12.8 19.2



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





#72

Anthracene

Concen: 48.759 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

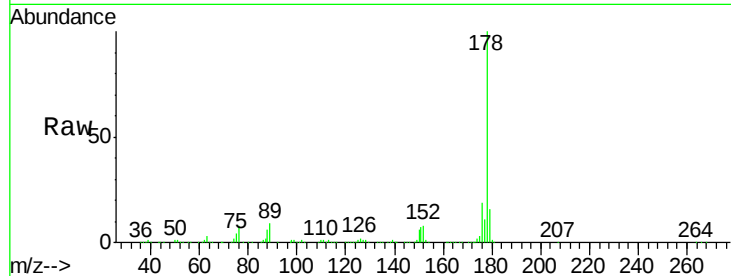
Tgt Ion:178 Resp: 851153

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

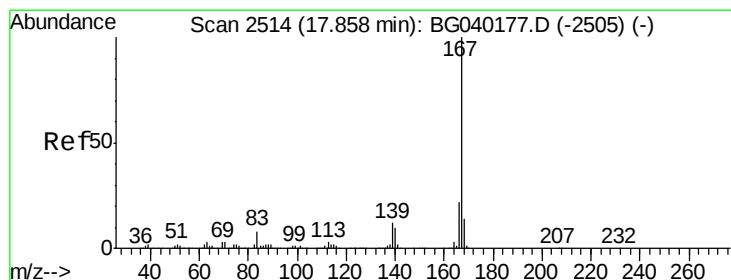
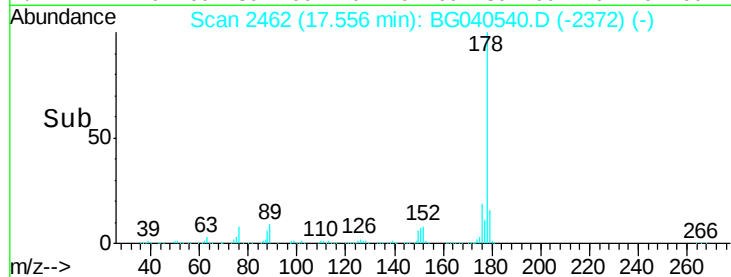
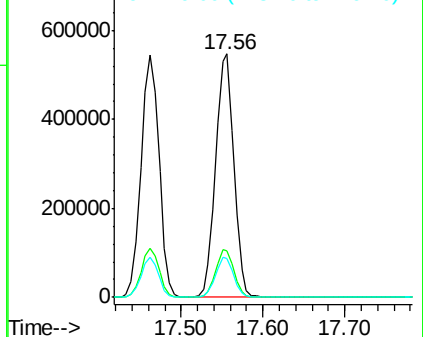
179 15.8 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 48.380 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

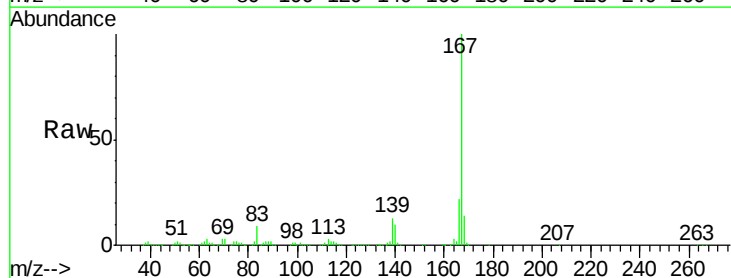
Tgt Ion:167 Resp: 799259

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

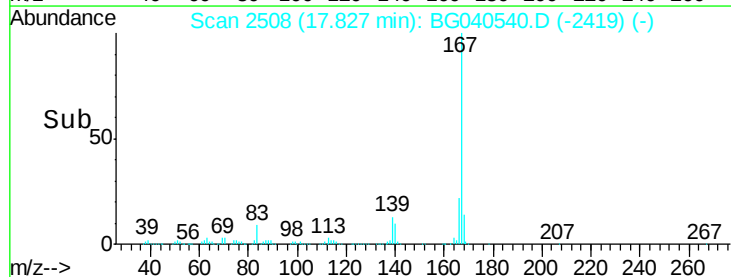
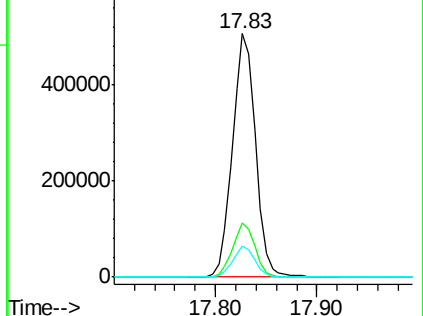
139 12.8 10.0 15.0

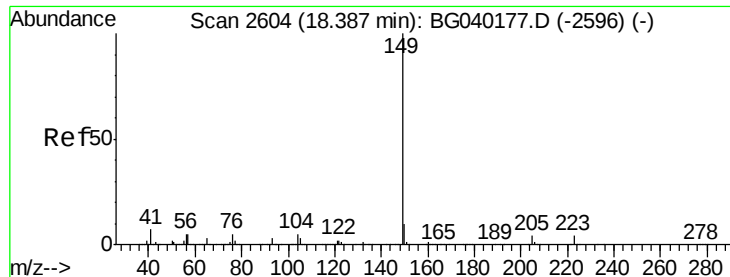


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 48.336 ng

RT: 18.36 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

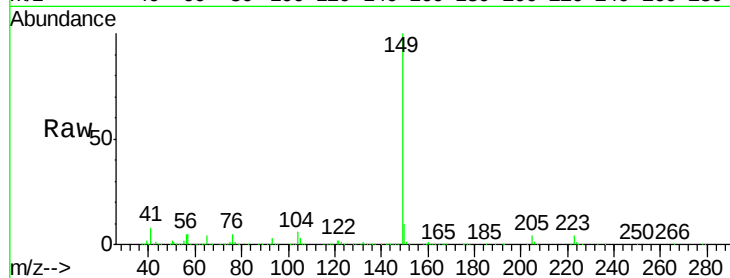
Tgt Ion:149 Resp: 946534

Ion Ratio Lower Upper

149 100

150 9.8 7.9 11.9

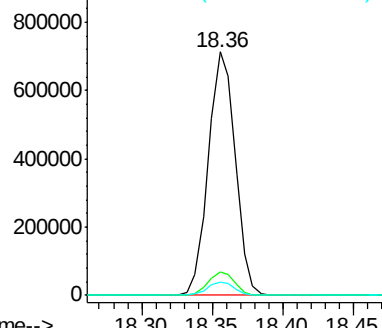
104 5.5 4.1 6.1



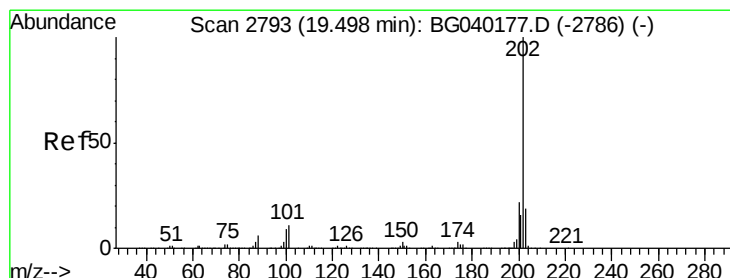
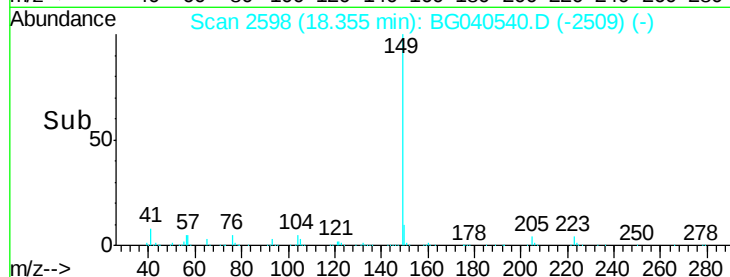
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#75

Fluoranthene

Concen: 48.457 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

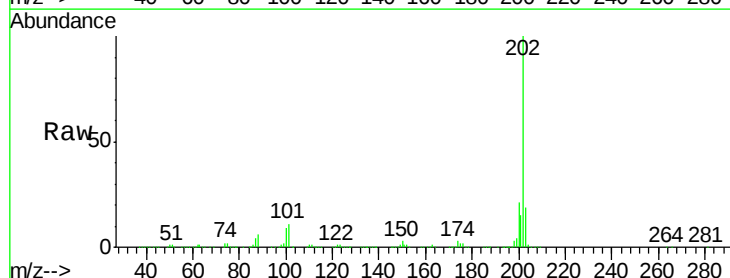
Tgt Ion:202 Resp: 1000707

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.8

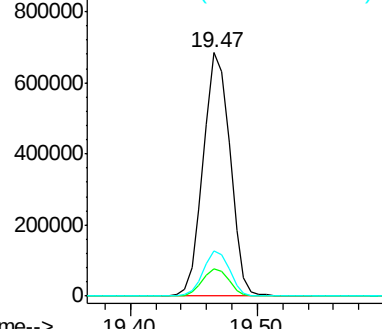
203 18.7 0.0 38.9



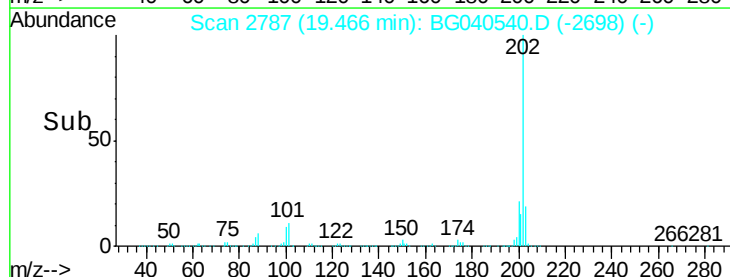
Abundance Ion 202.00 (201.70 to 202.70): E

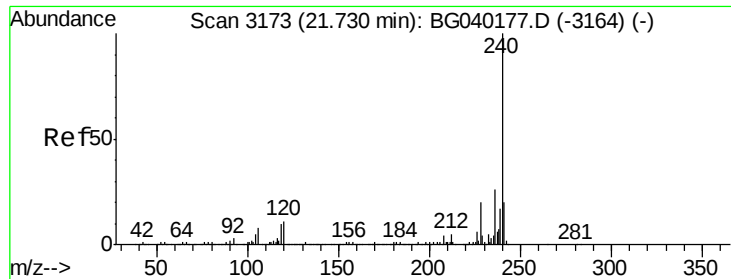
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

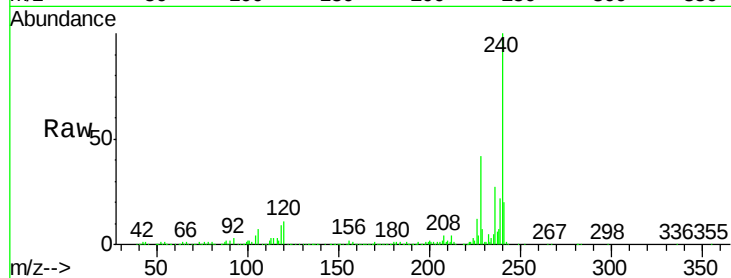
Tgt Ion:240 Resp: 296321

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

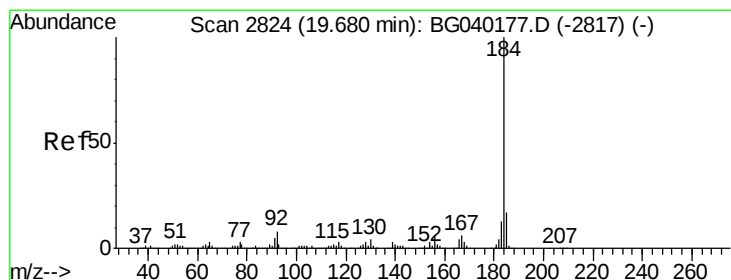
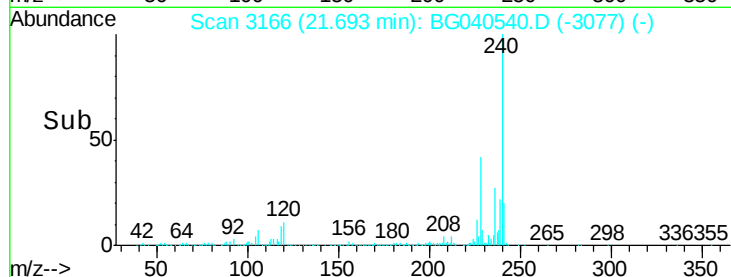
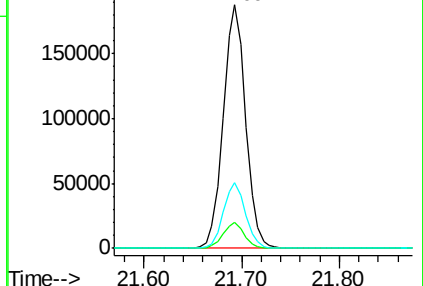
236 27.2 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 2.977 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

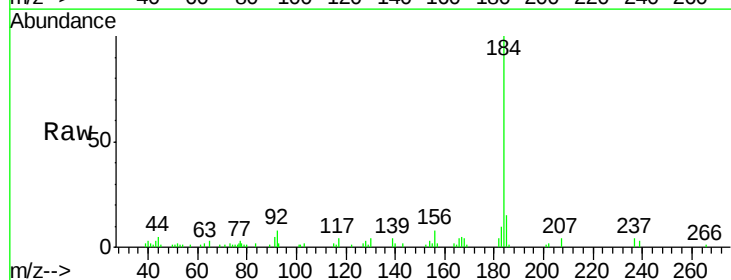
Tgt Ion:184 Resp: 31856

Ion Ratio Lower Upper

184 100

185 14.8 13.3 19.9

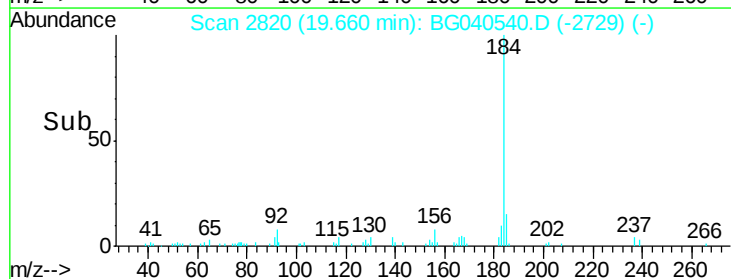
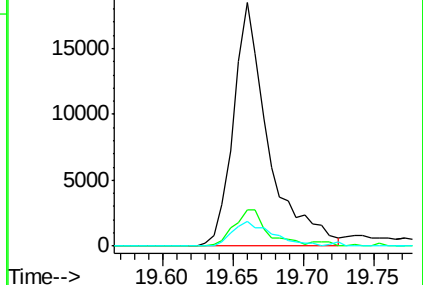
183 10.3 10.3 15.5

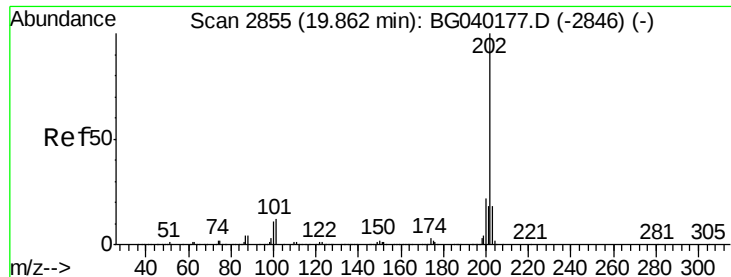


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 51.783 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

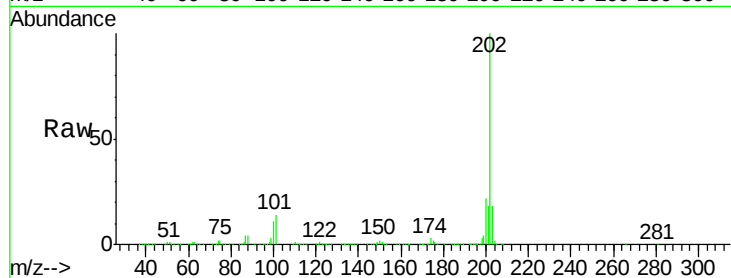
Tgt Ion:202 Resp: 1009059

Ion Ratio Lower Upper

202 100

200 22.1 17.3 25.9

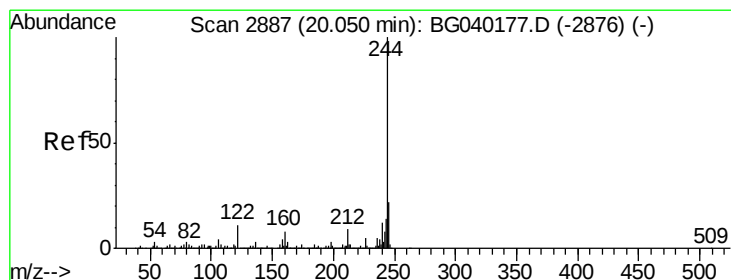
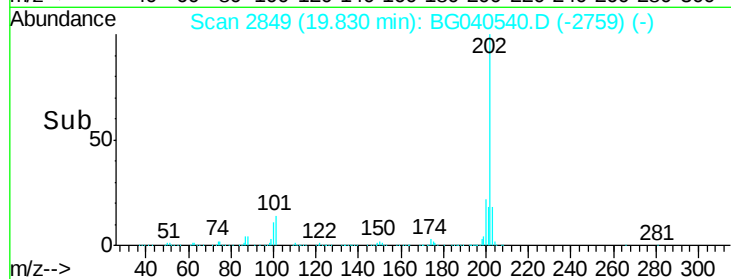
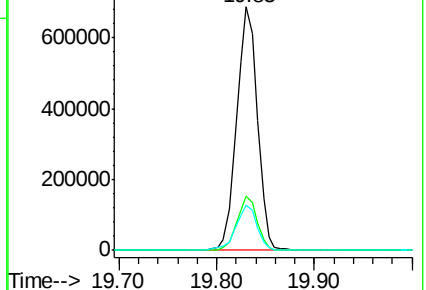
203 18.5 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 98.632 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

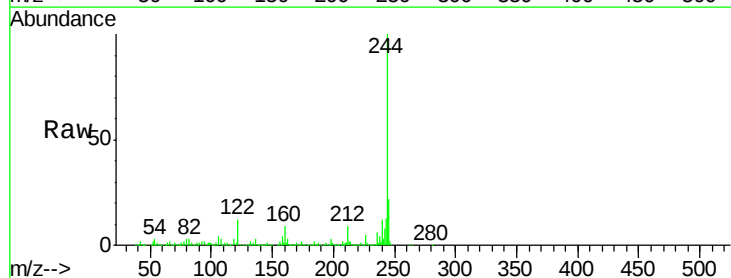
Tgt Ion:244 Resp: 1299160

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

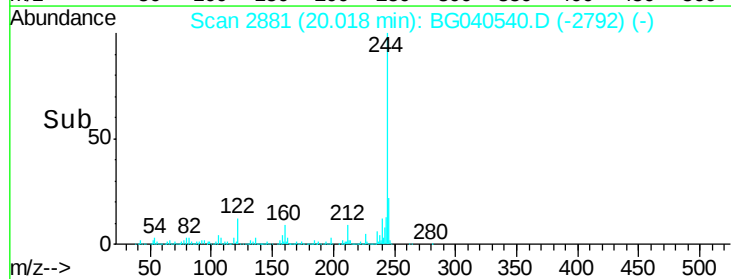
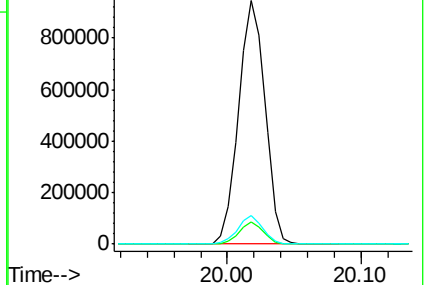
122 11.9 8.5 12.7

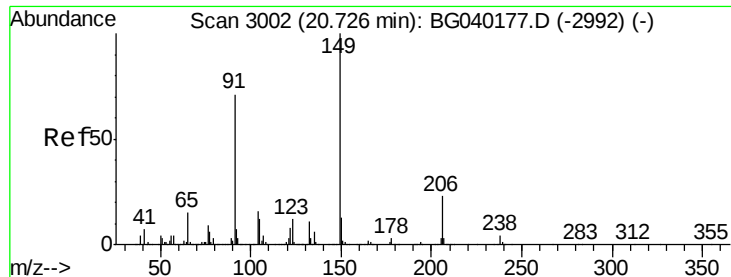


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

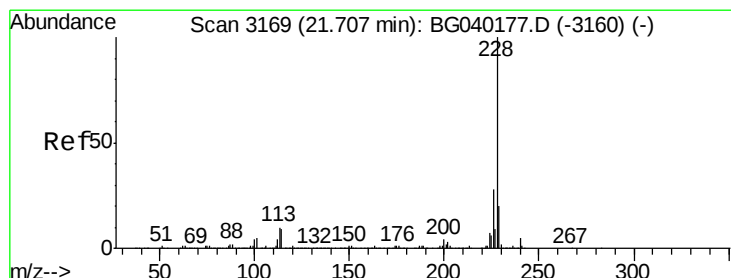
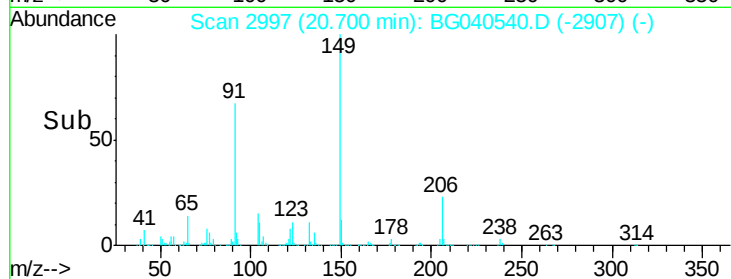
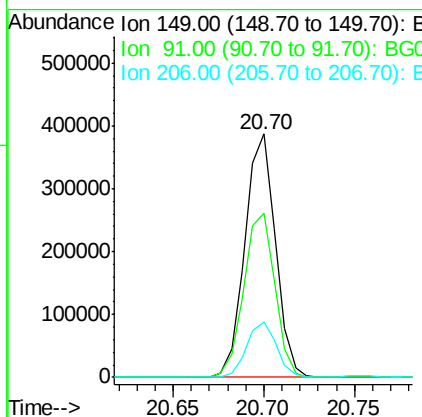
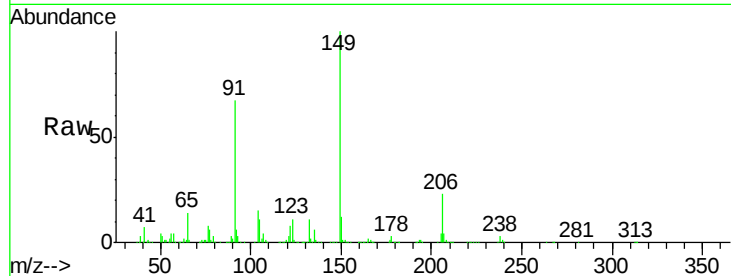




#80
Butylbenzylphthalate
Concen: 54.446 ng
RT: 20.70 min Scan# 2997
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

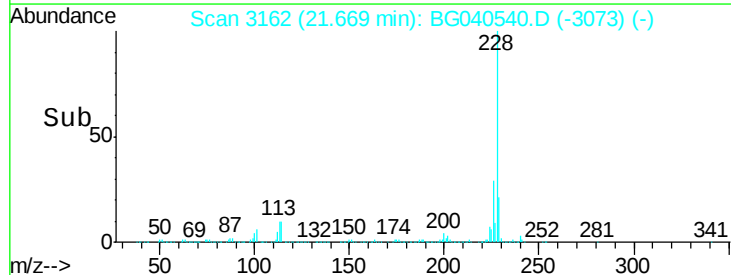
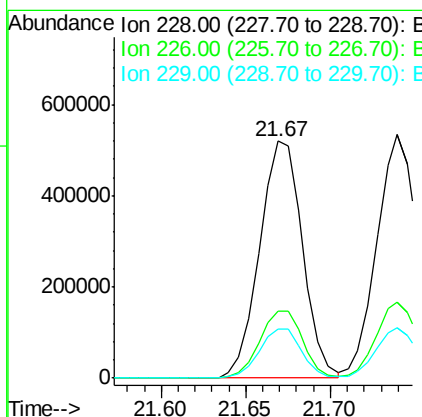
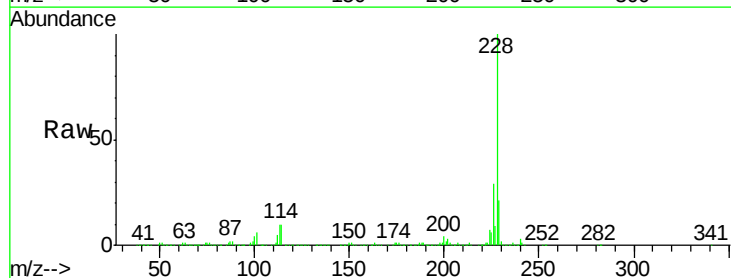
Instrument :
BNA_G
ClientSampleId :
HD-01-041619MSD

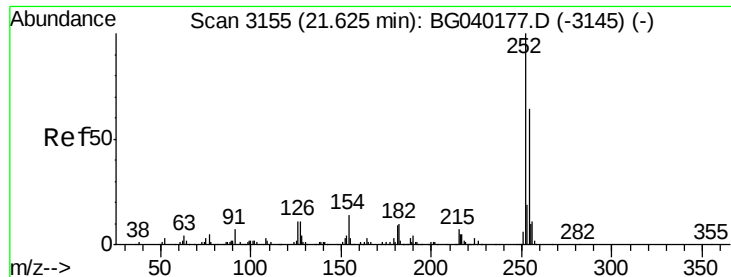
Tgt Ion:149 Resp: 454000
Ion Ratio Lower Upper
149 100
91 67.3 57.0 85.4
206 22.7 18.2 27.4



#81
Benzo(a)anthracene
Concen: 50.122 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:228 Resp: 914807
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 20.9 16.1 24.1

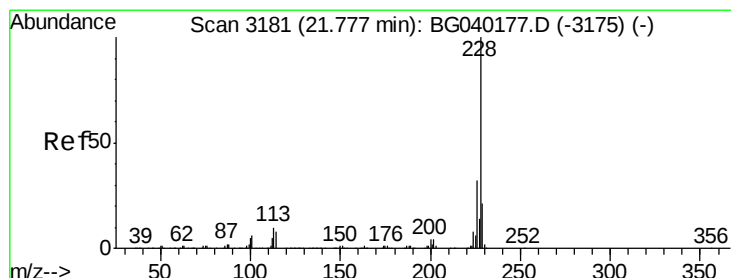
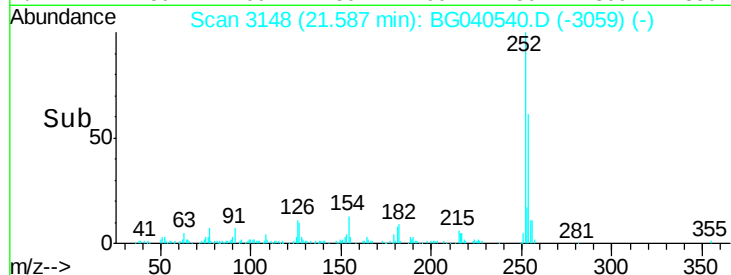
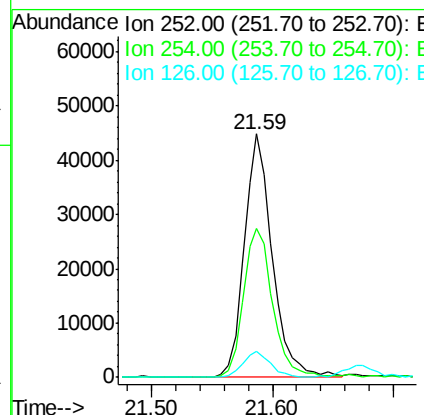
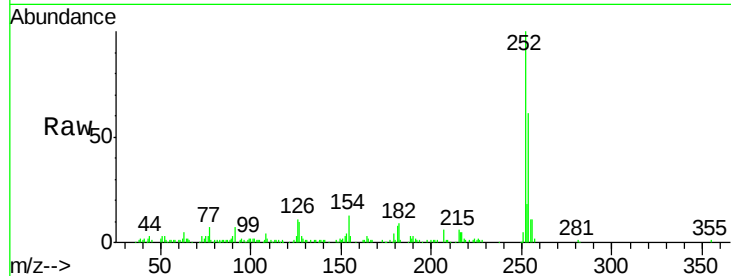




#82
 3,3'-Dichlorobenzidine
 Concen: 10.448 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

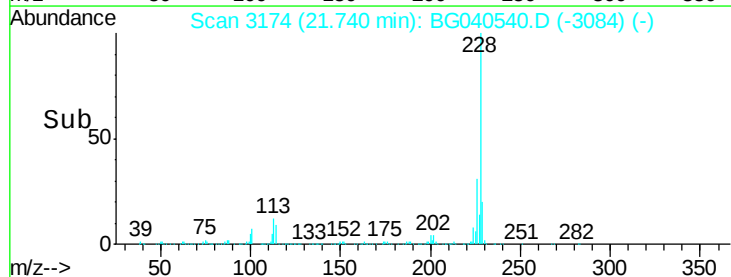
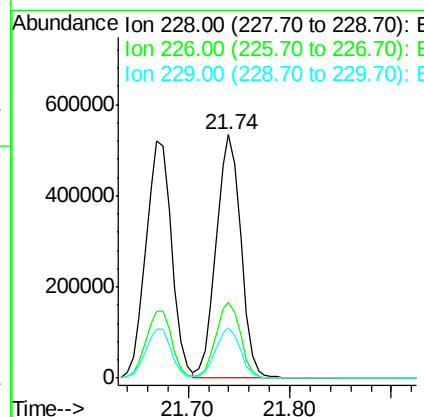
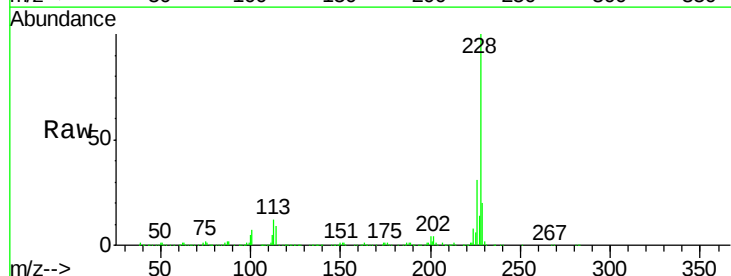
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

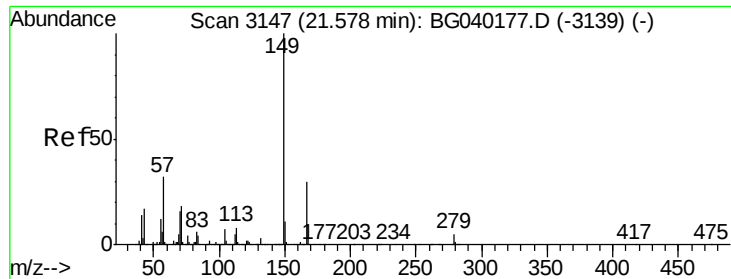
Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.2	51.4	77.2
126	10.6	8.5	12.7



#83
 Chrysene
 Concen: 51.333 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.5	17.0	25.4

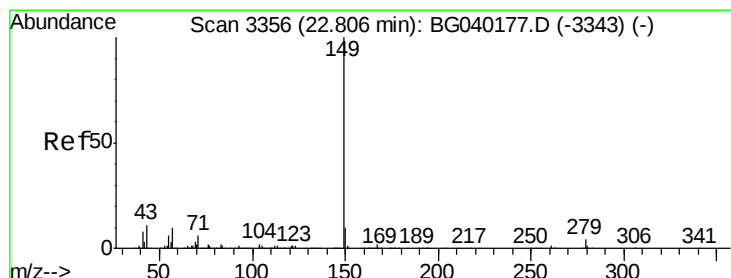
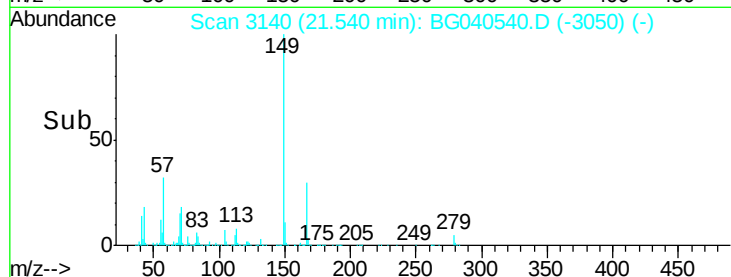
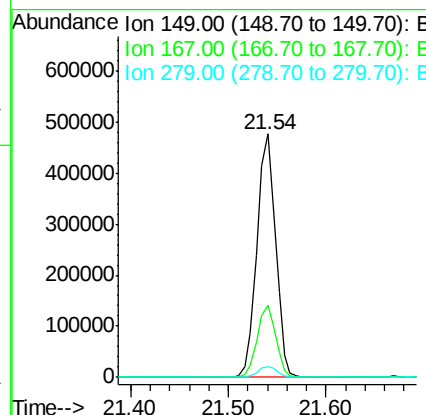
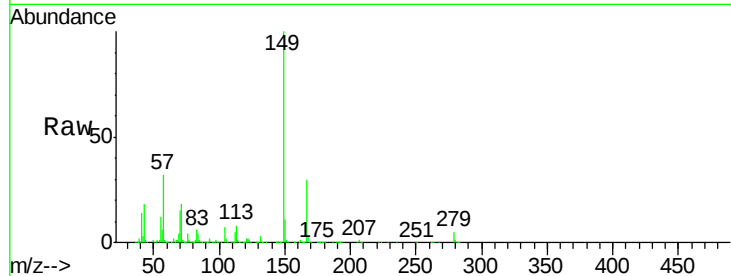




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.402 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

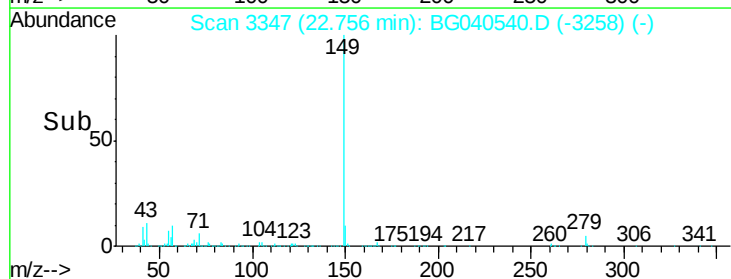
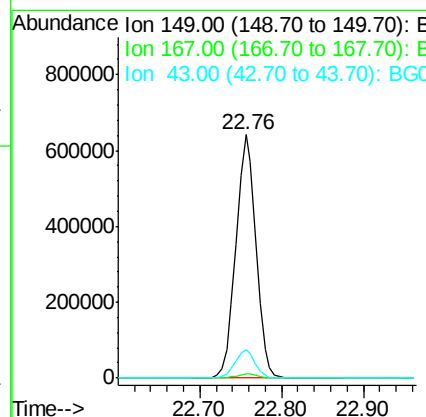
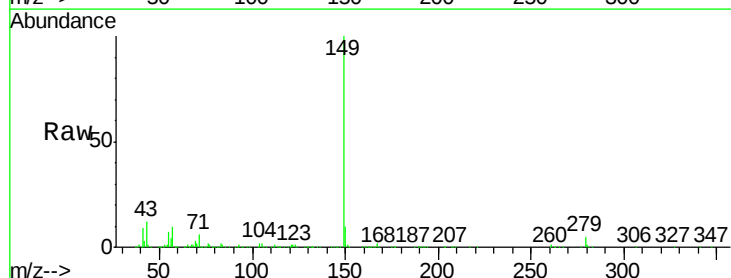
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-041619MSD

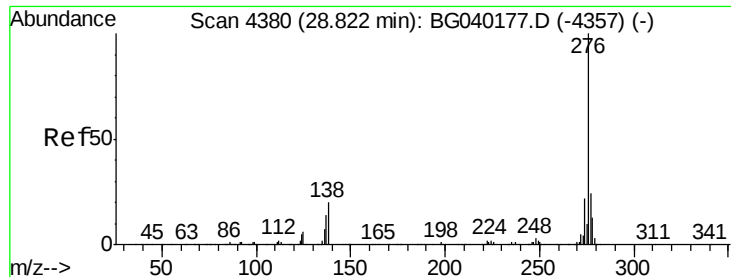
Tgt Ion:149 Resp: 636528
 Ion Ratio Lower Upper
 149 100
 167 29.7 24.1 36.1
 279 4.6 4.1 6.1



#85
 Di-n-octyl phthalate
 Concen: 53.914 ng
 RT: 22.76 min Scan# 3347
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:149 Resp: 1094884
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 11.6 8.7 13.1





#86

Indeno(1,2,3-cd)pyrene

Concen: 52.699 ng

RT: 28.72 min Scan# 4362

Delta R.T. -0.02 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

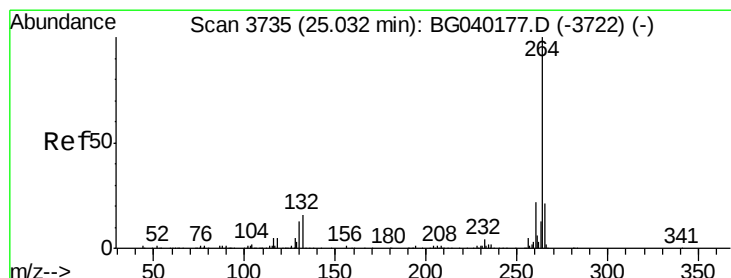
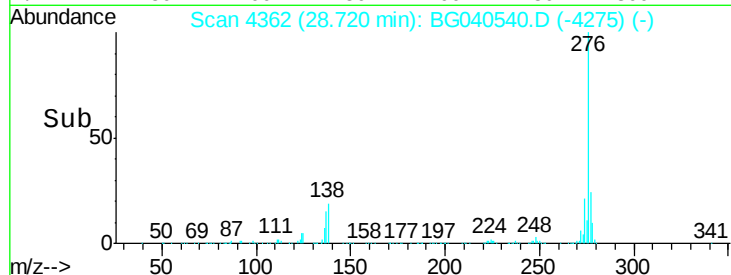
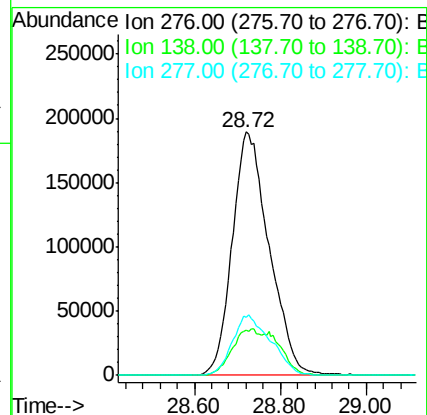
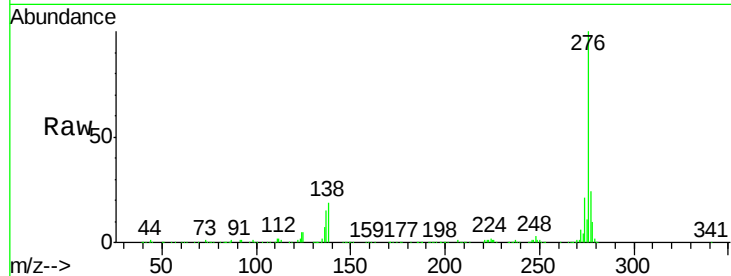
Tgt Ion:276 Resp: 1130600

Ion Ratio Lower Upper

276 100

138 14.2 18.8 28.2#

277 25.9 21.0 31.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

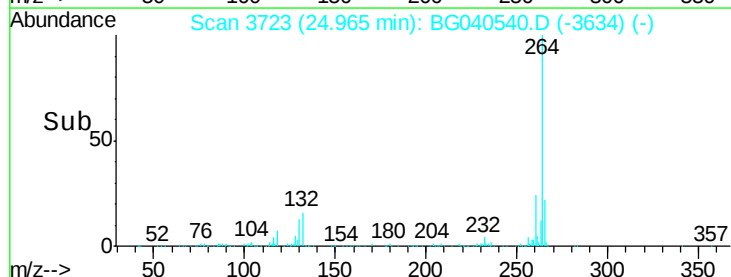
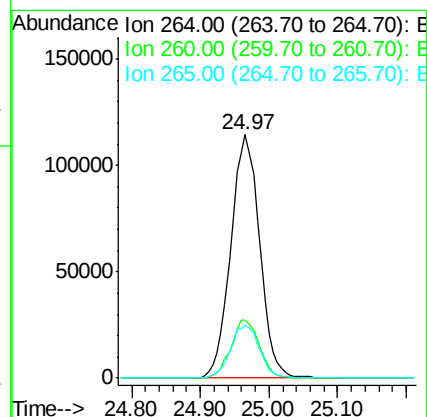
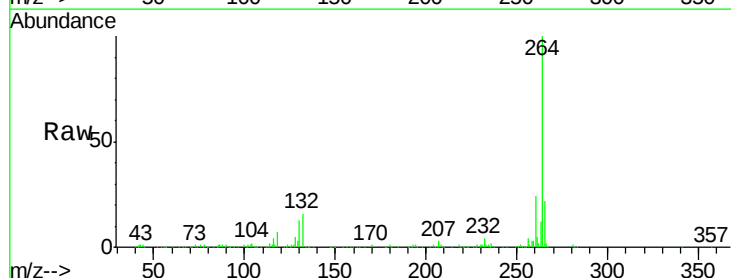
Tgt Ion:264 Resp: 334207

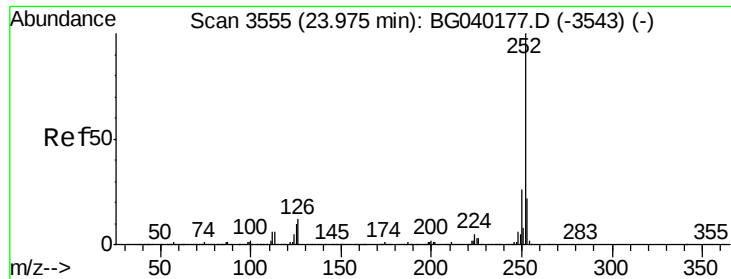
Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 21.6 16.8 25.2





#88

Benzo(b)fluoranthene

Concen: 49.027 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

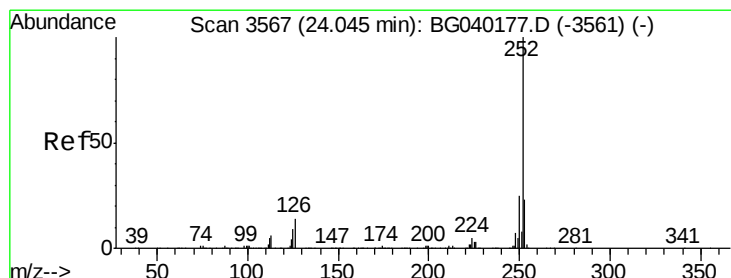
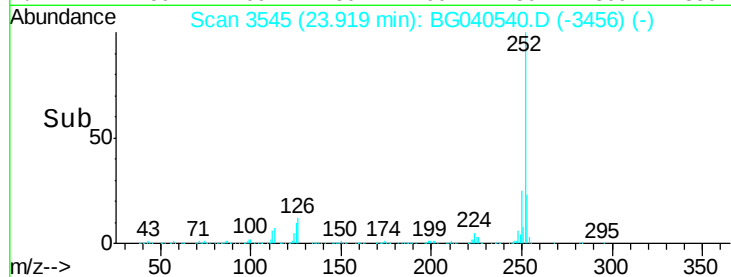
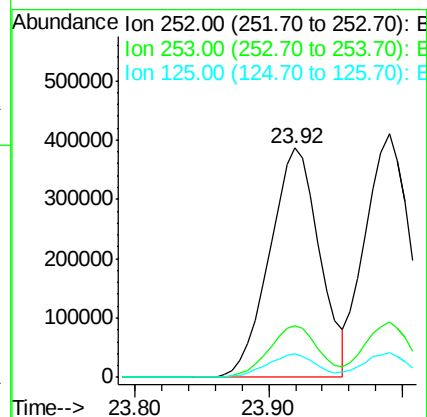
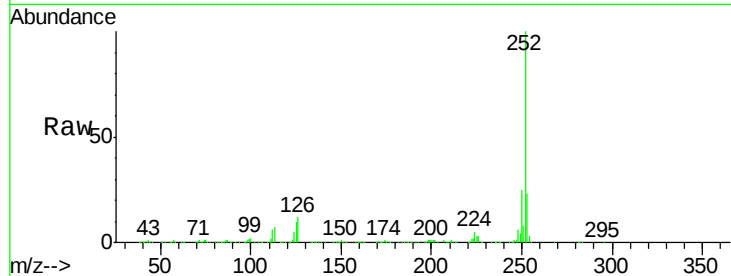
Tgt Ion:252 Resp: 1003166

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 10.3 8.2 12.4



#89

Benzo(k)fluoranthene

Concen: 50.901 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

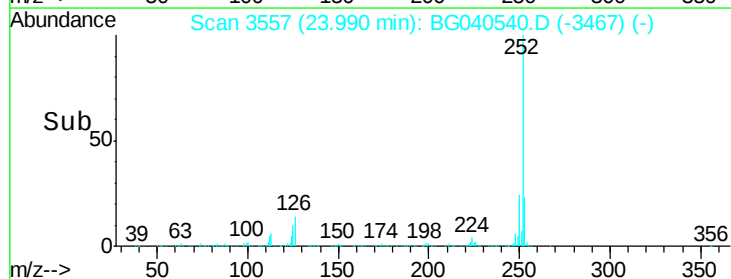
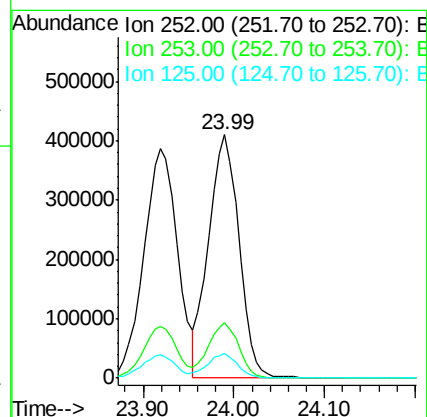
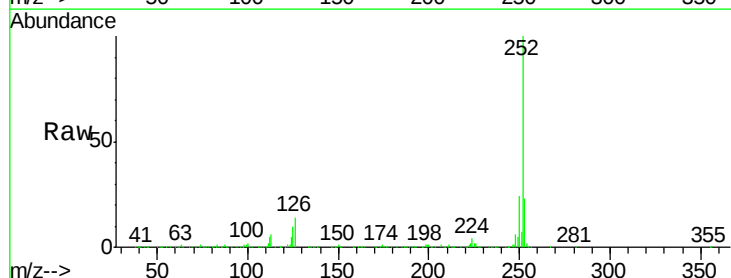
Tgt Ion:252 Resp: 957783

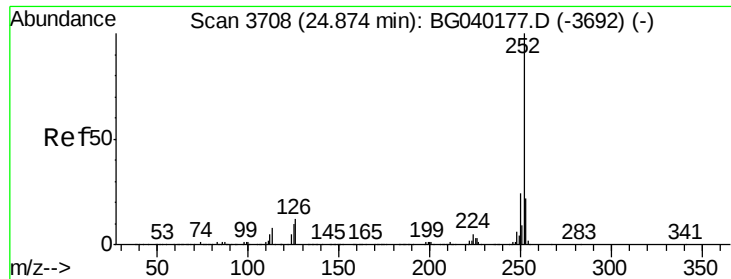
Ion Ratio Lower Upper

252 100

253 22.7 18.6 28.0

125 10.4 7.3 10.9





#90

Benzo(a)pyrene

Concen: 50.827 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD

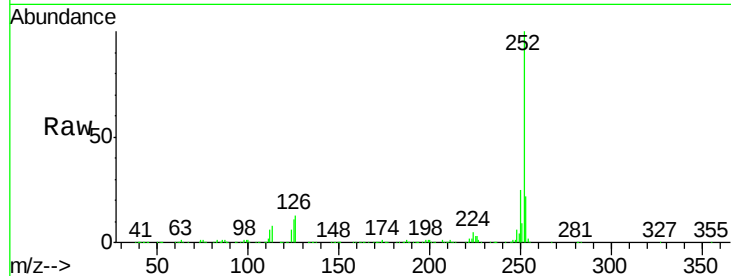
Tgt Ion:252 Resp: 975782

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

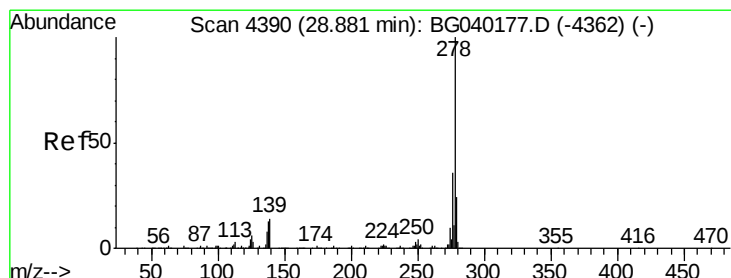
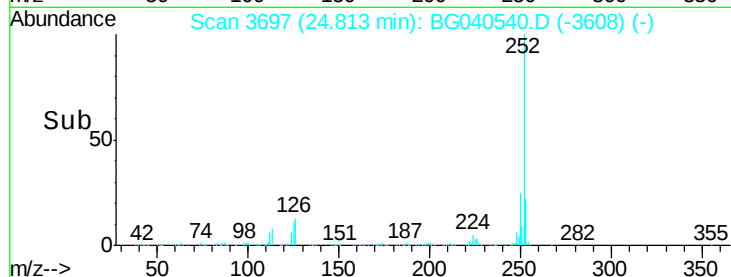
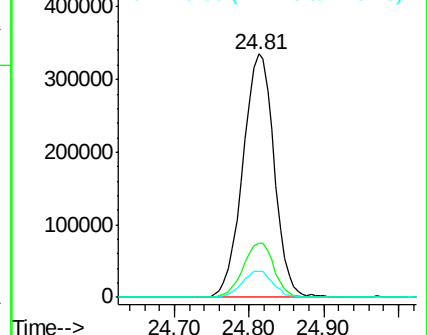
125 10.7 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 51.656 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

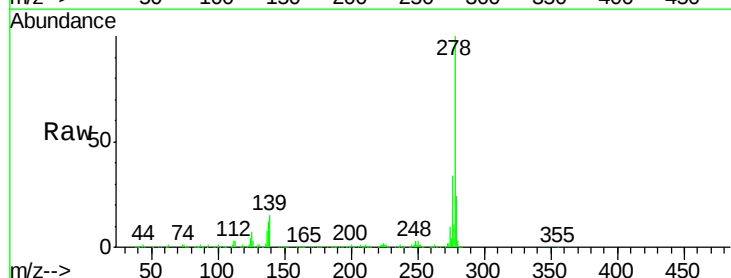
Tgt Ion:278 Resp: 921048

Ion Ratio Lower Upper

278 100

139 14.7 11.2 16.8

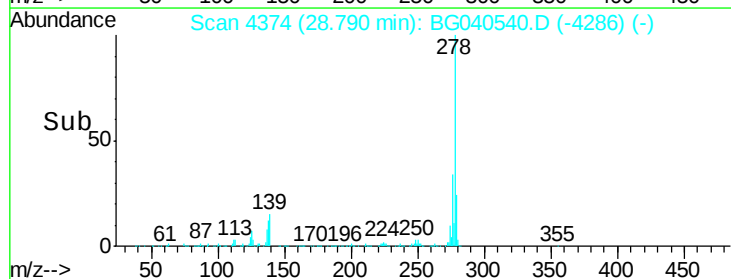
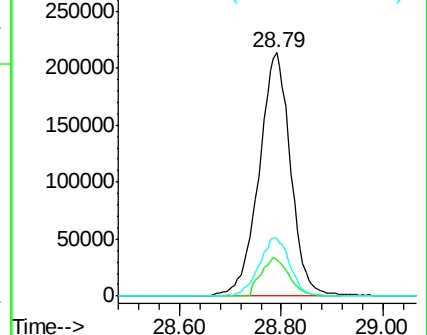
279 23.6 18.9 28.3

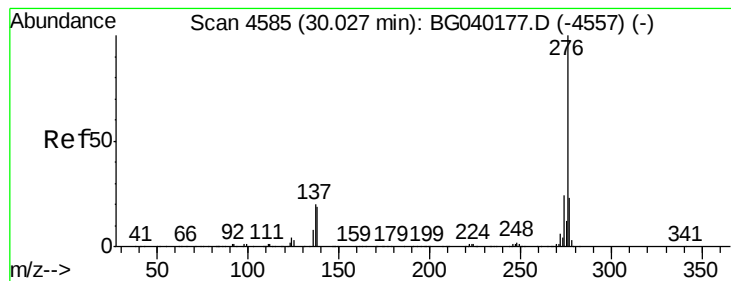


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 51.027 ng

RT: 29.91 min Scan# 4565

Delta R.T. 0.01 min

Lab File: BG040540.D

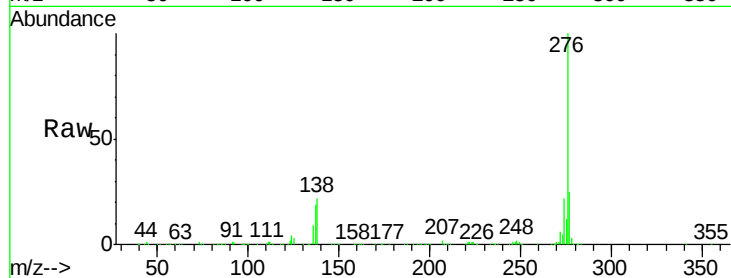
Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

HD-01-041619MSD



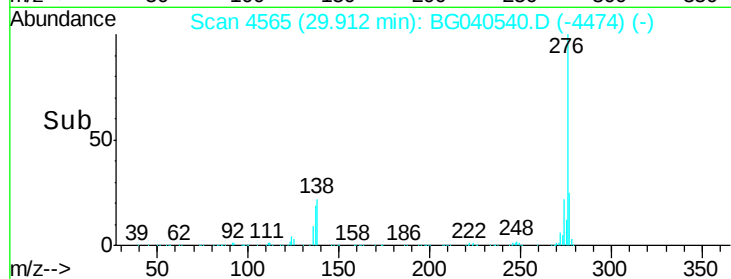
Tgt Ion: 276 Resp: 935047

Ion Ratio Lower Upper

276 100

277 24.8 18.6 28.0

138 21.6 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

