

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022600.D
 Acq On : 26 Jun 2016 8:05
 Operator : UM/SJ
 Sample : H3663-14MSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

Quant Time: Jun 26 08:52:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	138500	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	561689	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	397424	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1072909	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1185865	20.00	ng	0.00
86) Perylene-d12	25.21	264	1227680	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	1226919	142.09	ng	0.00
7) Phenol-d6	7.31	99	1808489	148.59	ng	0.01
23) Nitrobenzene-d5	9.34	82	1281538	96.57	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	987959	158.05	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2236731	89.25	ng	0.00
78) Terphenyl-d14	20.16	244	3366091	75.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	133100	38.03	ng	96
3) Pyridine	3.99	79	383007	39.12	ng	95
4) n-Nitrosodimethylamine	3.90	42	226493	40.45	ng	92
6) Aniline	7.48	93	644374	39.93	ng	97
8) 2-Chlorophenol	7.73	128	439604	49.15	ng	98
9) Benzaldehyde	7.30	77	13851	3.23	ng	89
10) Phenol	7.34	94	648101	50.38	ng	90
11) bis(2-Chloroethyl)ether	7.58	93	472656	44.63	ng	94
12) 1,3-Dichlorobenzene	8.05	146	474839	43.63	ng	95
13) 1,4-Dichlorobenzene	8.20	146	460402	42.19	ng	96
14) 1,2-Dichlorobenzene	8.52	146	453125	43.67	ng	96
15) Benzyl Alcohol	8.40	79	564992	50.17	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	523283	44.68	ng	98
17) 2-Methylphenol	8.60	107	430763	50.80	ng	97
18) Hexachloroethane	9.25	117	187247	41.46	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	463132	45.69	ng	97
20) 3+4-Methylphenols	8.93	107	579117	49.58	ng	95
22) Acetophenone	8.99	105	771737	47.53	ng	95
24) Nitrobenzene	9.38	77	682189	46.51	ng	94
25) Isophorone	9.90	82	1196222	46.43	ng	98
26) 2-Nitrophenol	10.09	139	264034	49.97	ng	91
27) 2,4-Dimethylphenol	10.14	122	459101	45.48	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	676752	48.11	ng	97
29) 2,4-Dichlorophenol	10.63	162	523029	53.18	ng	97
30) 1,2,4-Trichlorobenzene	10.85	180	530430	45.42	ng	96
31) Naphthalene	11.04	128	1298291	45.98	ng	99
32) Benzoic acid	10.22	122	73762	15.10	ng	# 83
33) 4-Chloroaniline	11.15	127	302512	24.87	ng	97
34) Hexachlorobutadiene	11.32	225	402731	44.37	ng	96
35) Caprolactam	11.93	113	176811m	57.07	ng	
36) 4-Chloro-3-methylphenol	12.25	107	642694	53.24	ng	99
37) 2-Methylnaphthalene	12.63	142	1006408	45.96	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	672503	44.82	ng	98
40) Hexachlorocyclopentadiene	12.98	237	895581	74.77	ng	99

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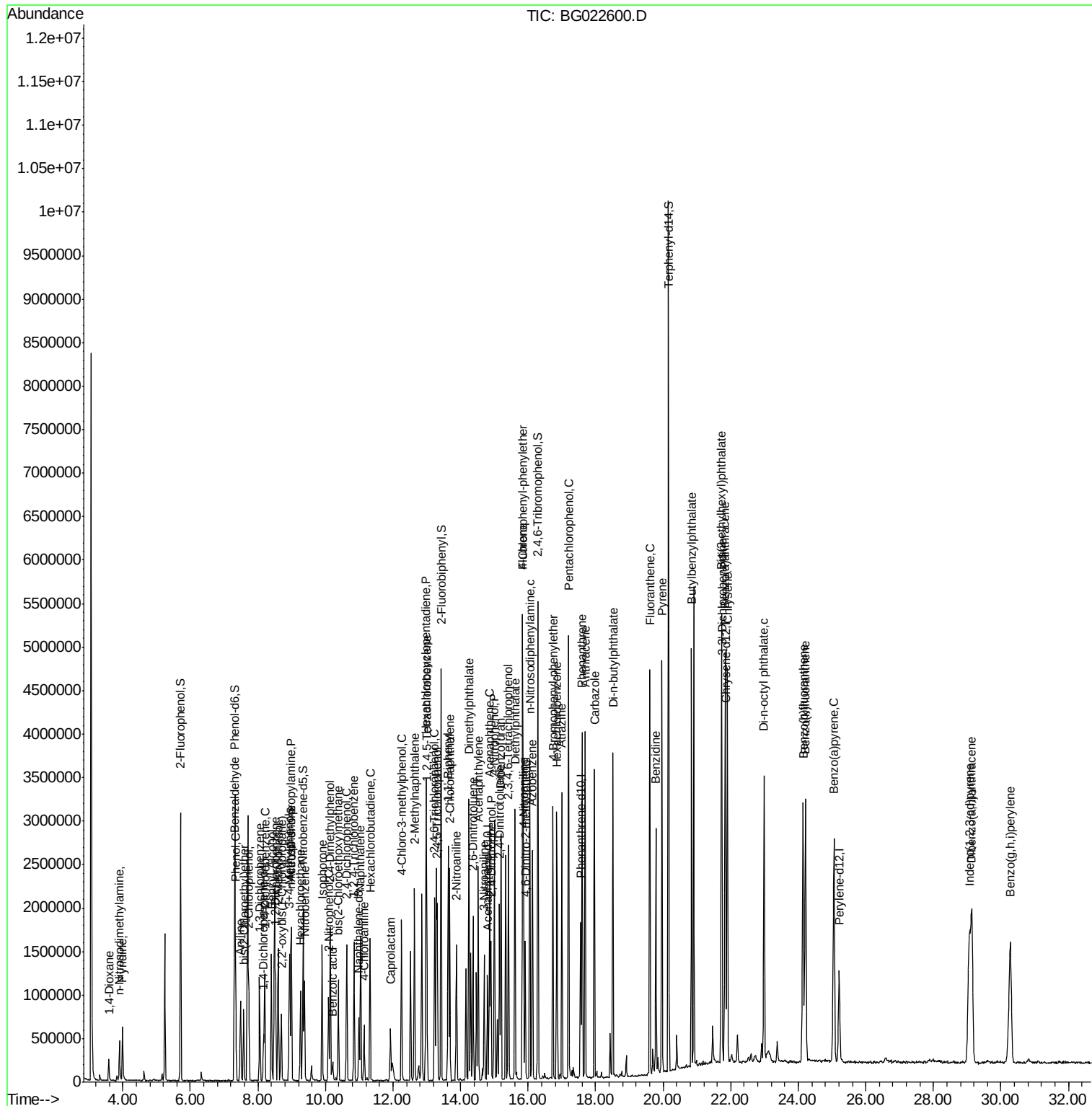
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	494203	51.37	ng	96
43) 2,4,5-Trichlorophenol	13.31	196	517997	51.45	ng	97
45) 1,1'-Biphenyl	13.64	154	1382289	45.66	ng	98
46) 2-Chloronaphthalene	13.68	162	1147223	46.05	ng	97
47) 2-Nitroaniline	13.88	65	500250	52.03	ng	90
48) Acenaphthylene	14.52	152	1690530	46.79	ng	97
49) Dimethylphthalate	14.25	163	1896629	57.53	ng	# 95
50) 2,6-Dinitrotoluene	14.36	165	372149	51.95	ng	90
51) Acenaphthene	14.86	154	1134755	42.63	ng	98
52) 3-Nitroaniline	14.70	138	284651	42.47	ng	99
53) 2,4-Dinitrophenol	14.90	184	324533	73.55	ng	97
54) Dibenzofuran	15.20	168	1776862	46.09	ng	98
55) 4-Nitrophenol	15.00	139	621351	109.62	ng	96
56) 2,4-Dinitrotoluene	15.15	165	544181	54.84	ng	95
57) Fluorene	15.85	166	1451152	47.17	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.42	232	551897	52.88	ng	98
59) Diethylphthalate	15.61	149	1618954	47.77	ng	94
60) 4-Chlorophenyl-phenylether	15.83	204	868952	47.44	ng	96
61) 4-Nitroaniline	15.87	138	379118	54.81	ng	91
62) Azobenzene	16.13	77	1645165	44.82	ng	95
64) 4,6-Dinitro-2-methylphenol	15.92	198	348442	48.42	ng	94
65) n-Nitrosodiphenylamine	16.05	169	1412615	45.24	ng	94
66) 4-Bromophenyl-phenylether	16.73	248	604723	43.45	ng	98
67) Hexachlorobenzene	16.85	284	654027	44.44	ng	99
68) Atrazine	17.00	200	635547	48.21	ng	98
69) Pentachlorophenol	17.20	266	956946	94.48	ng	99
70) Phenanthrene	17.60	178	2354501	43.03	ng	95
71) Anthracene	17.69	178	2392955	42.49	ng	95
72) Carbazole	17.96	167	2208967	46.28	ng	97
73) Di-n-butylphthalate	18.51	149	2481569	44.64	ng	98
74) Fluoranthene	19.61	202	2778380	44.08	ng	94
76) Benzidine	19.78	184	1629287	129.05	ng	97
77) Pyrene	19.96	202	2757915	43.66	ng	92
79) Butylbenzylphthalate	20.84	149	1276898	46.70	ng	96
80) Benzo(a)anthracene	21.83	228	2928187	44.62	ng	95
81) 3,3'-Dichlorobenzidine	21.74	252	784576	28.95	ng	98
82) Chrysene	21.90	228	2791094	45.26	ng	# 91
83) Bis(2-ethylhexyl)phthalate	21.72	149	1729149	44.92	ng	96
84) Di-n-octyl phthalate	22.99	149	2841768	44.78	ng	99
85) Indeno(1,2,3-cd)pyrene	29.07	276	3711073	45.80	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	3316664	44.93	ng	95
88) Benzo(k)fluoranthene	24.21	252	3061382	43.87	ng	# 98
89) Benzo(a)pyrene	25.05	252	3155485	43.85	ng	# 96
90) Dibenzo(a,h)anthracene	29.14	278	3097198	45.72	ng	# 93
91) Benzo(g,h,i)perylene	30.28	276	3074075	44.58	ng	# 96

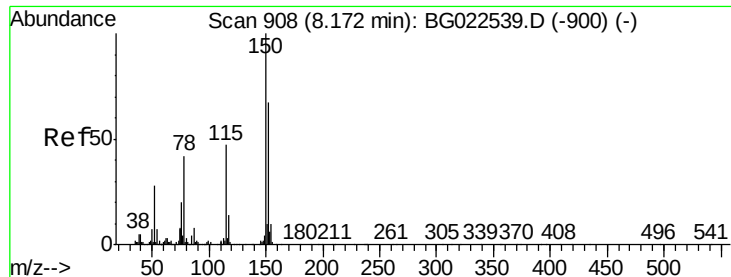
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampled :

TP-7MSD

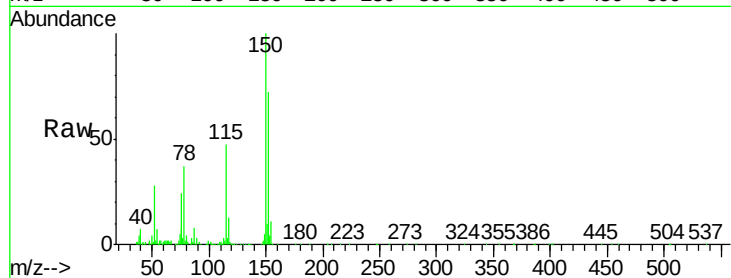
Tgt Ion:152 Resp: 138500

Ion Ratio Lower Upper

152 100

150 138.4 144.7 217.1#

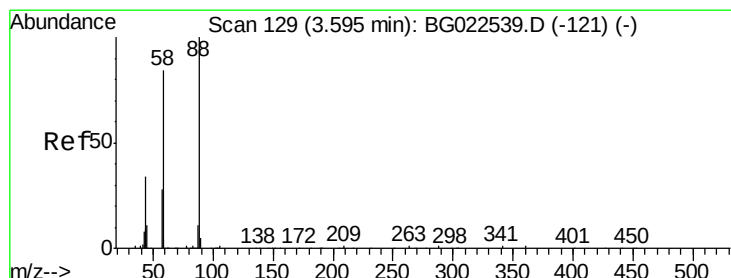
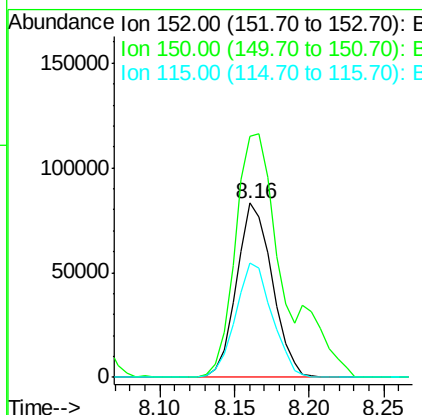
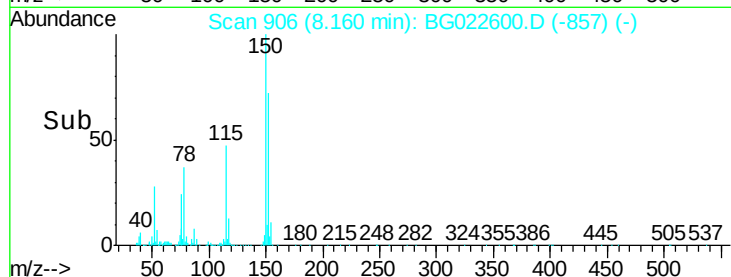
115 65.6 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.03 ng

RT: 3.58 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

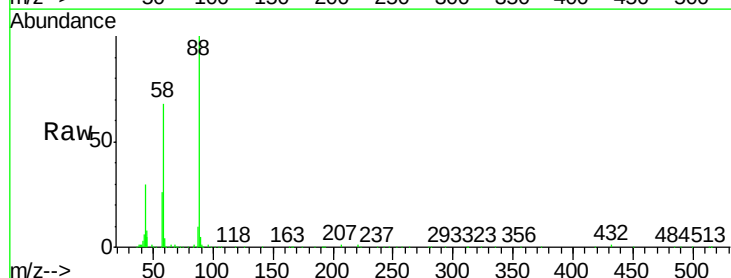
Tgt Ion: 88 Resp: 133100

Ion Ratio Lower Upper

88 100

58 74.8 60.4 90.6

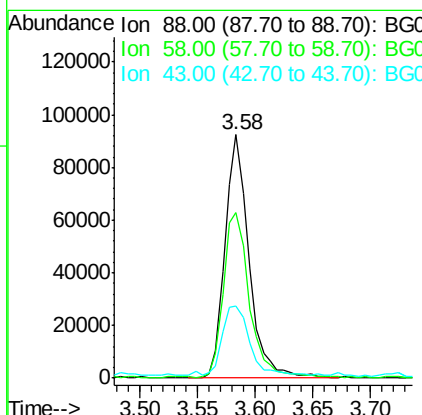
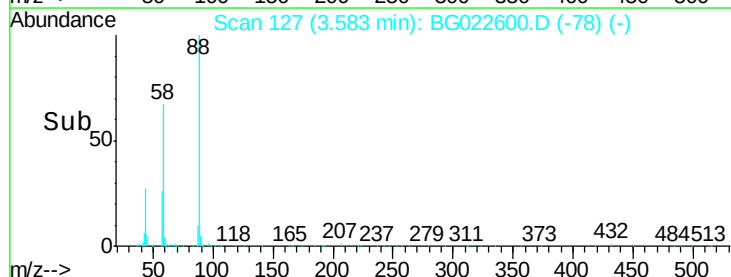
43 33.1 31.1 46.7

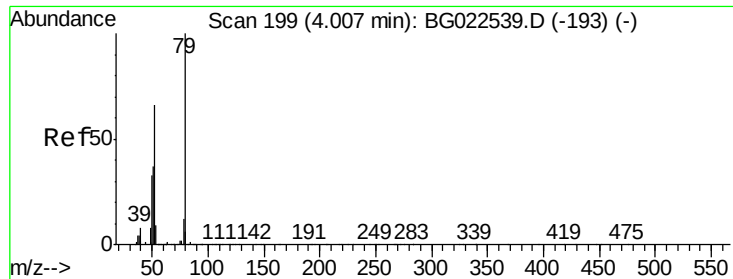


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.12 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.02 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

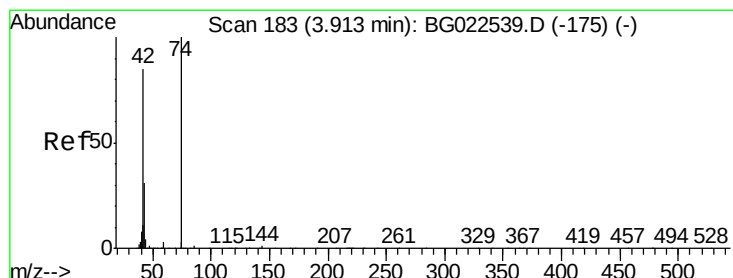
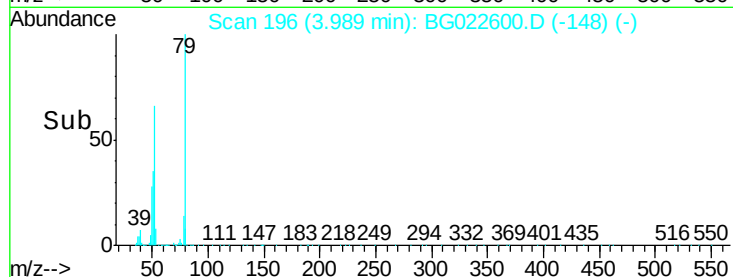
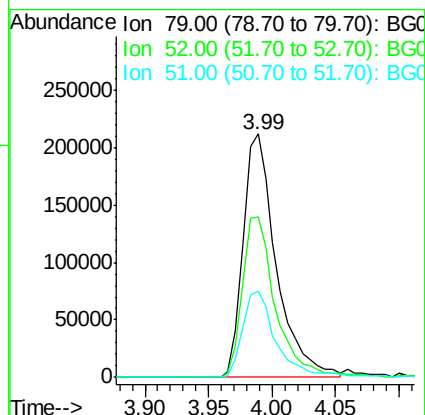
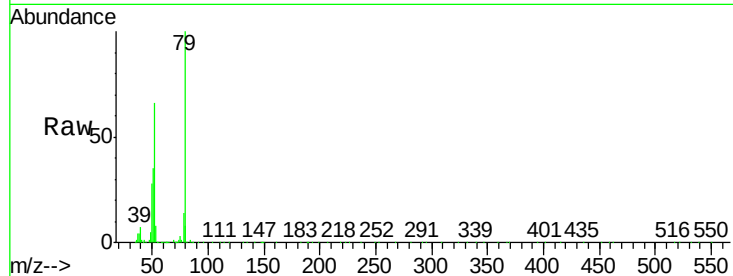
Tgt Ion: 79 Resp: 383007

Ion Ratio Lower Upper

79 100

52 66.1 51.8 77.8

51 35.3 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 40.45 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

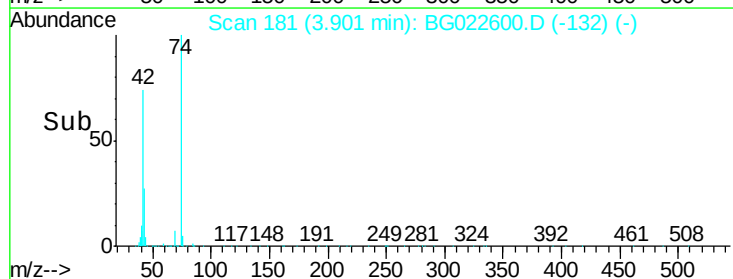
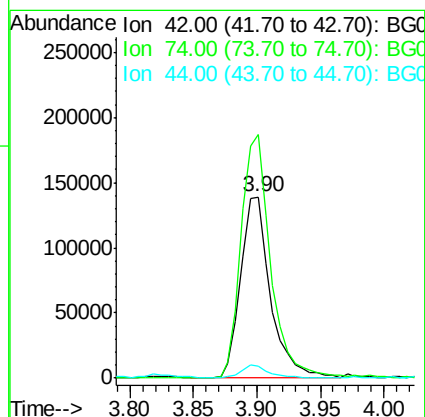
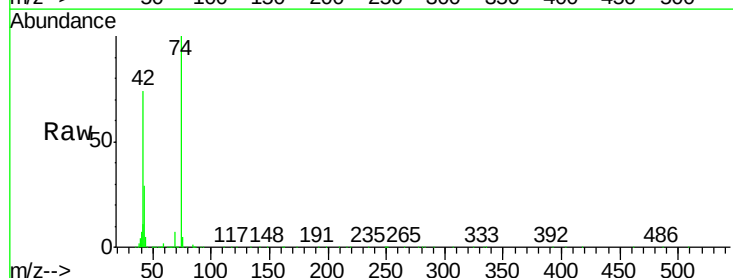
Tgt Ion: 42 Resp: 226493

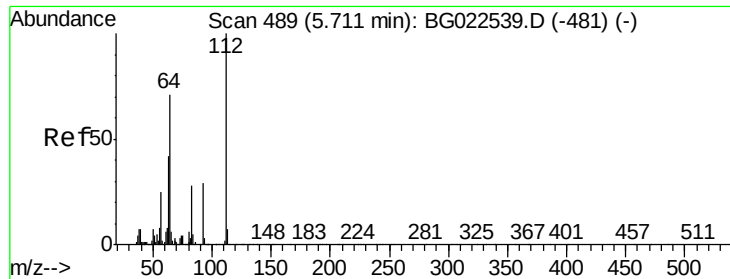
Ion Ratio Lower Upper

42 100

74 134.6 100.6 150.8

44 6.6 4.5 6.7





#5

2-Fluorophenol

Concen: 142.09 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

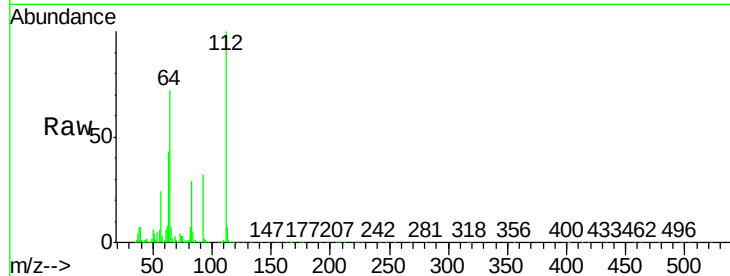
Tgt Ion: 112 Resp: 1226919

Ion Ratio Lower Upper

112 100

64 72.5 59.0 88.4

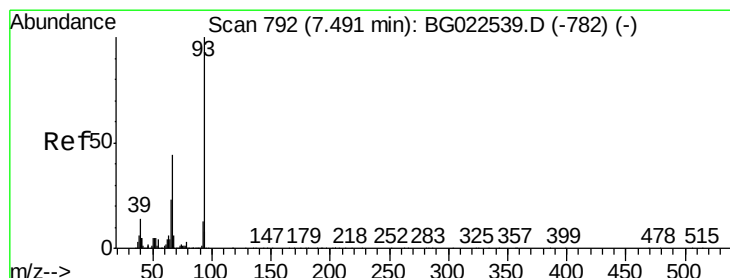
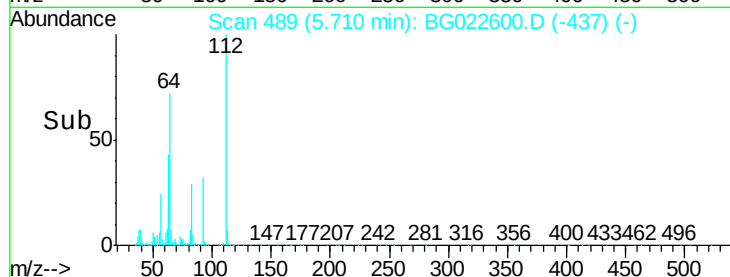
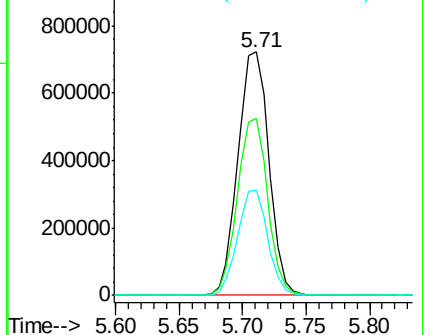
63 43.3 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.93 ng

RT: 7.48 min Scan# 791

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

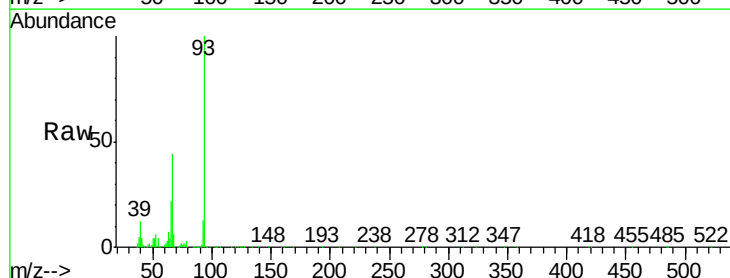
Tgt Ion: 93 Resp: 644374

Ion Ratio Lower Upper

93 100

66 44.2 37.5 56.3

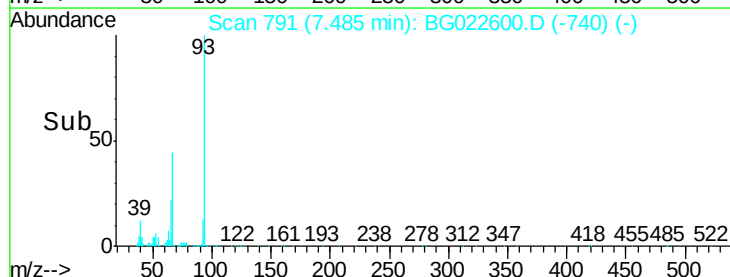
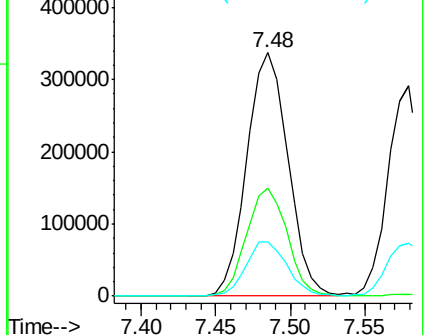
65 22.0 17.9 26.9

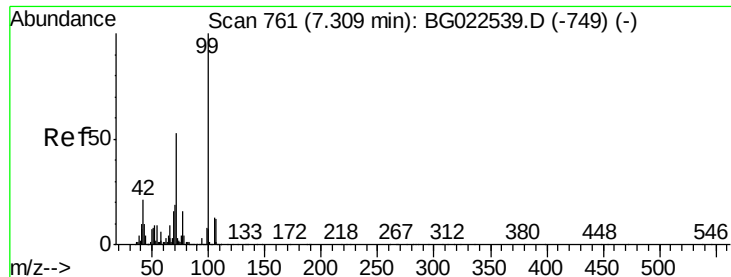


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.59 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022600.D

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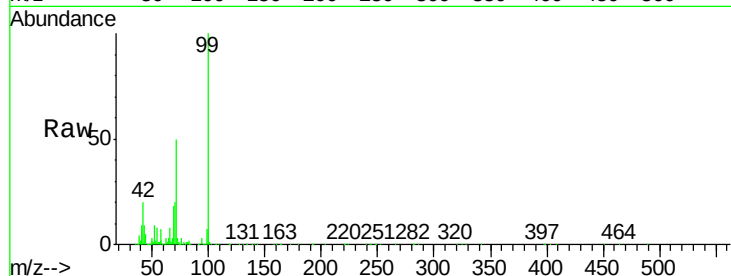
Tgt Ion: 99 Resp: 1808489

Ion Ratio Lower Upper

99 100

42 20.1 17.8 26.6

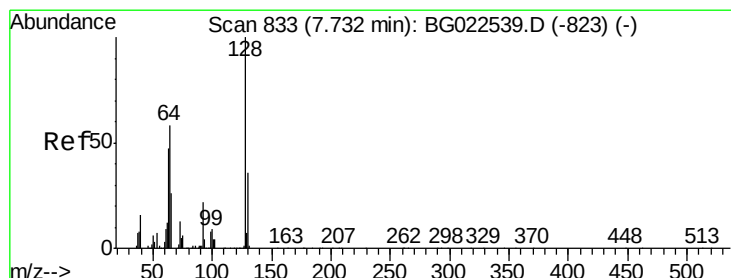
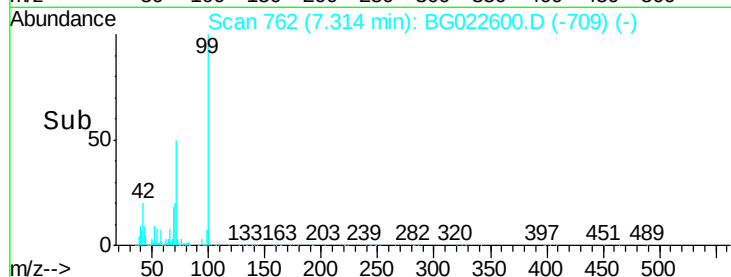
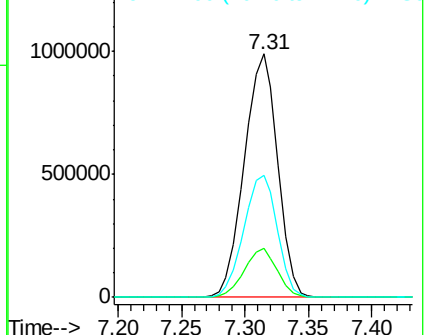
71 50.1 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.15 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

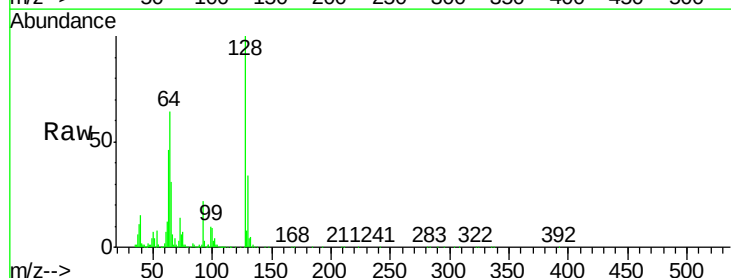
Tgt Ion: 128 Resp: 439604

Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

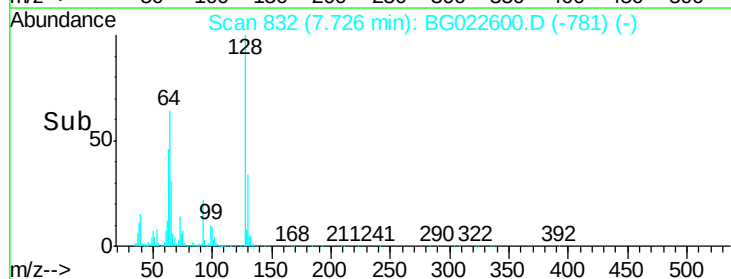
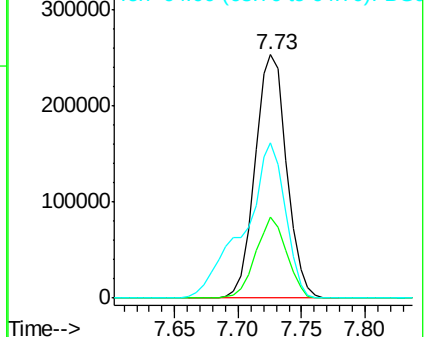
64 63.9 42.0 82.0

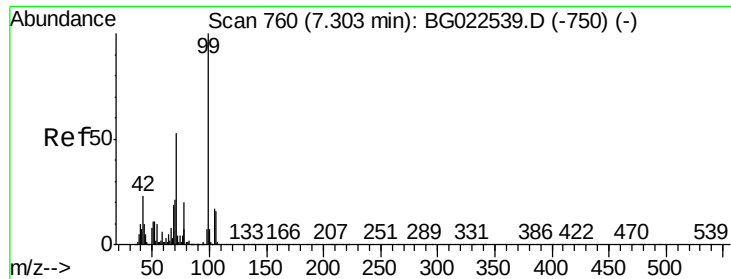


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 3.23 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

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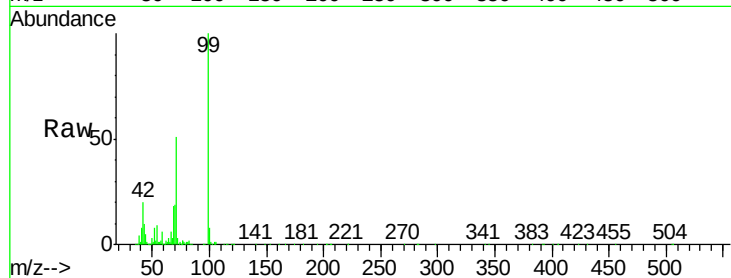
Tgt Ion: 77 Resp: 13851

Ion Ratio Lower Upper

77 100

105 72.9 58.7 98.7

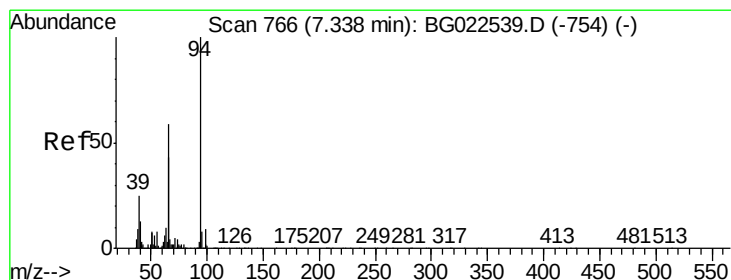
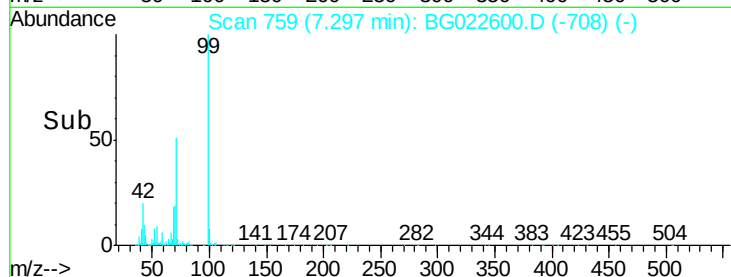
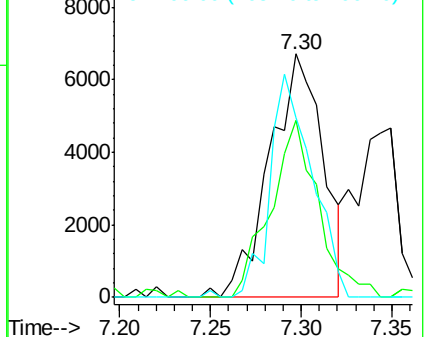
106 73.7 67.5 107.5



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: 50.38 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

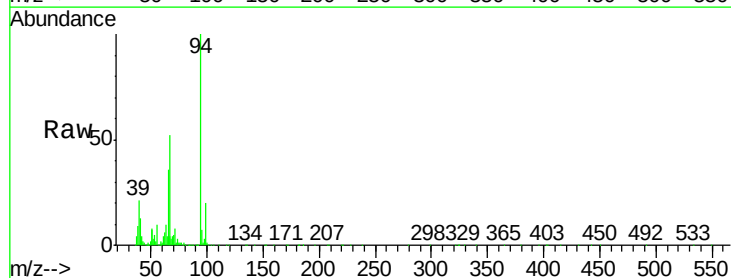
Tgt Ion: 94 Resp: 648101

Ion Ratio Lower Upper

94 100

65 35.7 18.1 58.1

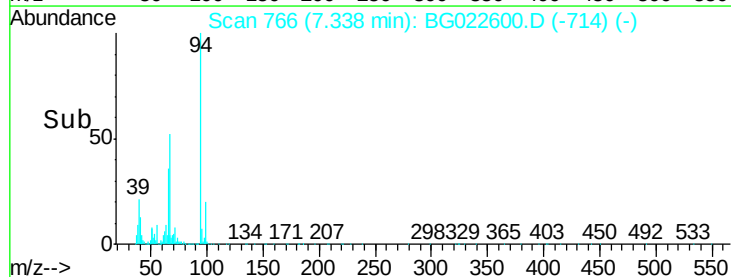
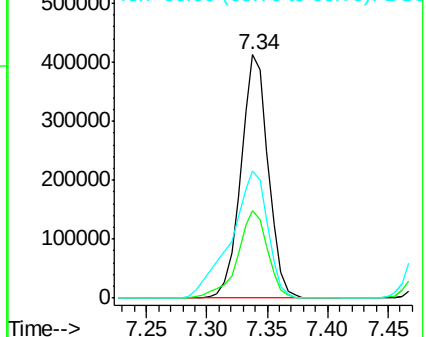
66 52.1 42.1 82.1

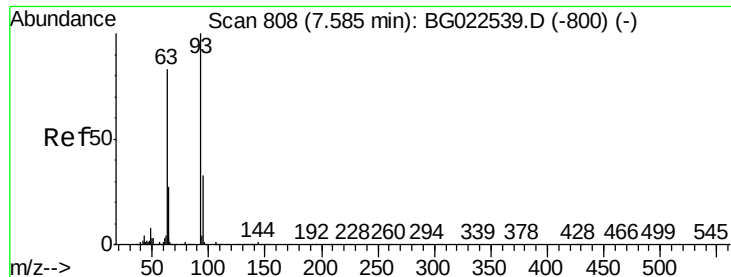


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

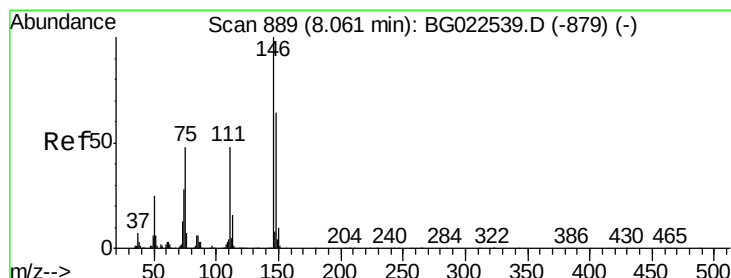
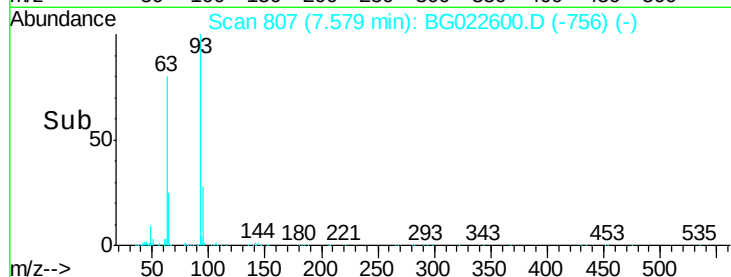
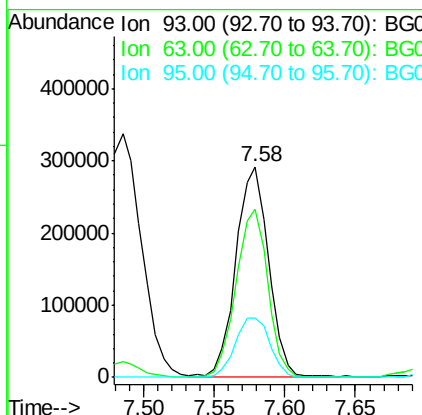
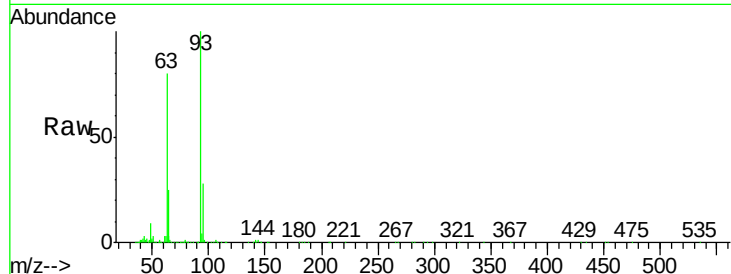




#11
bis(2-Chloroethyl)ether
Concen: 44.63 ng
RT: 7.58 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

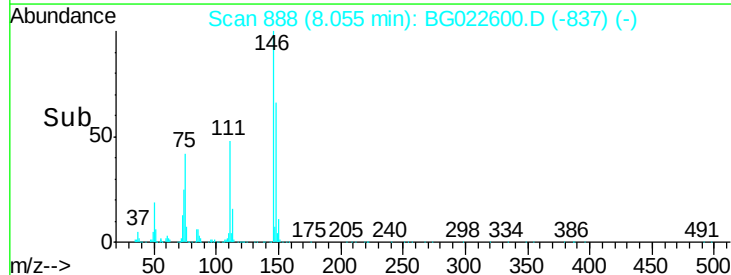
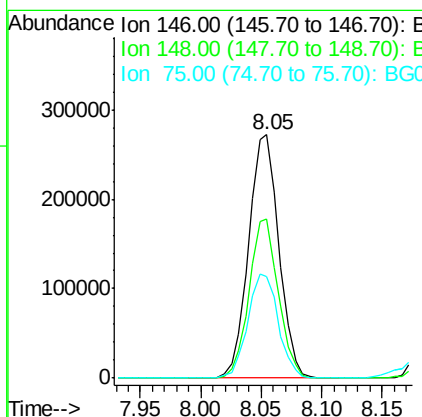
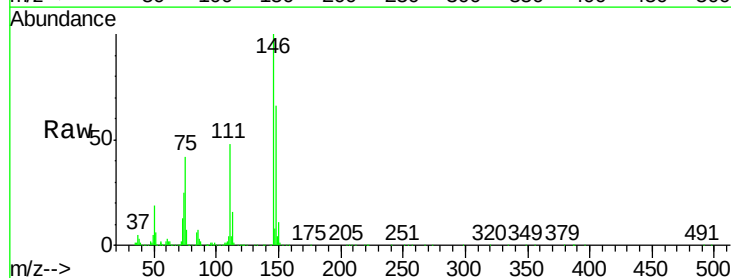
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

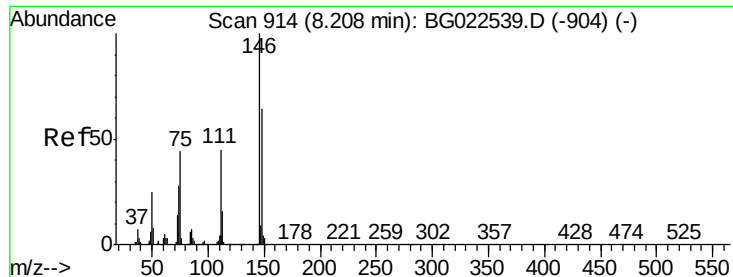
Tgt Ion: 93 Resp: 472656
Ion Ratio Lower Upper
93 100
63 80.0 55.0 95.0
95 28.4 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 43.63 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion: 146 Resp: 474839
Ion Ratio Lower Upper
146 100
148 65.5 50.3 75.5
75 41.7 37.0 55.6

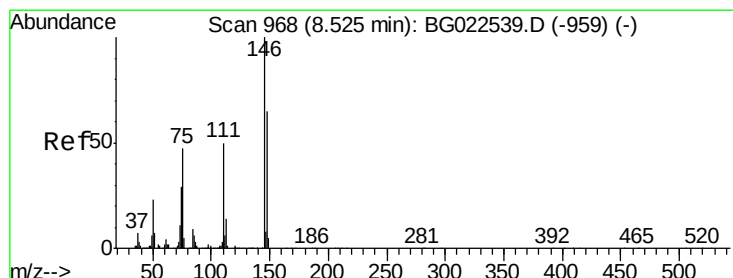
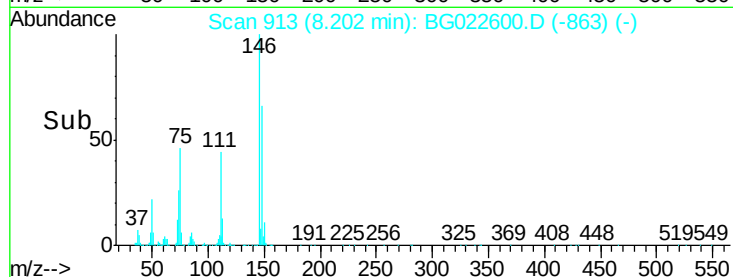
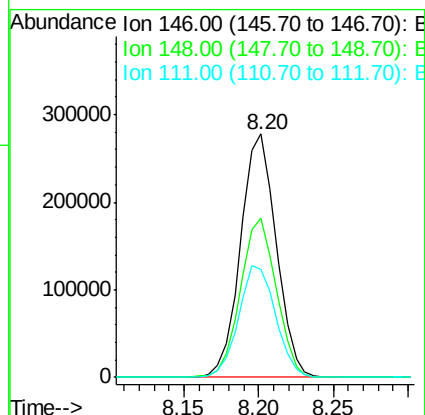
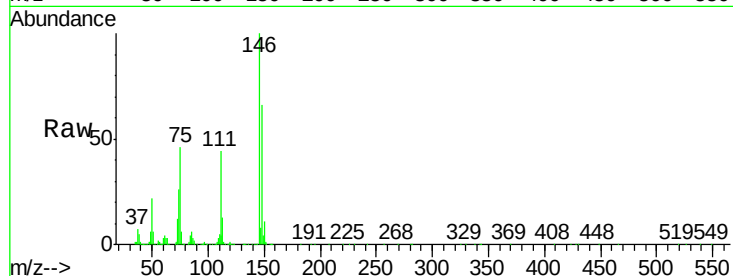




#13
 1,4-Dichlorobenzene
 Concen: 42.19 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

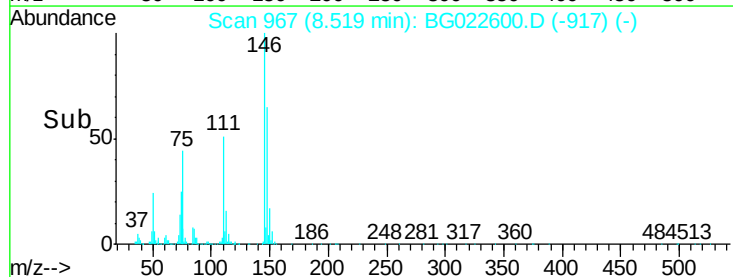
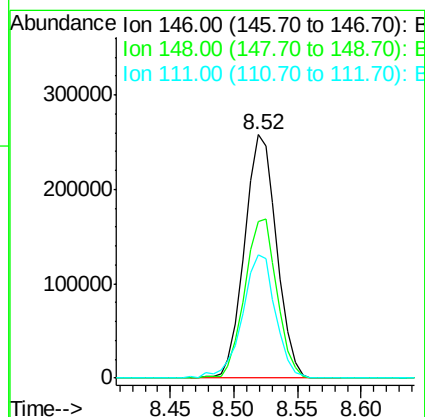
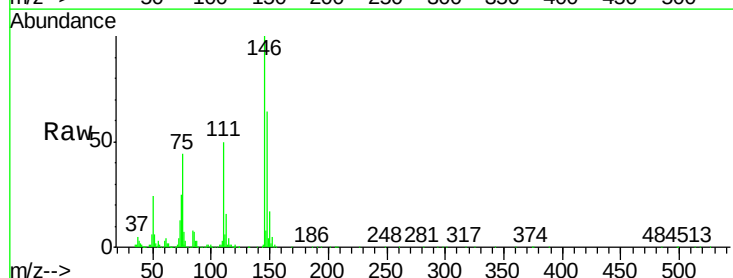
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

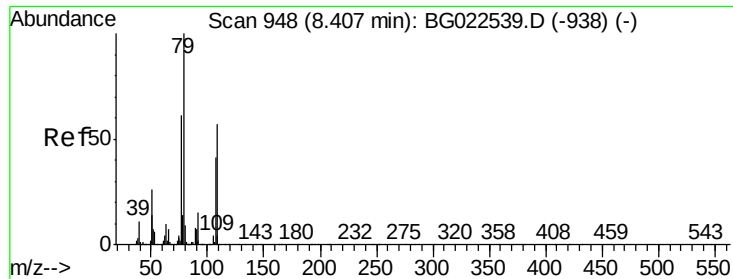
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	54.5	81.7
111	44.4	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 43.67 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.9	79.3
111	50.5	43.5	65.3

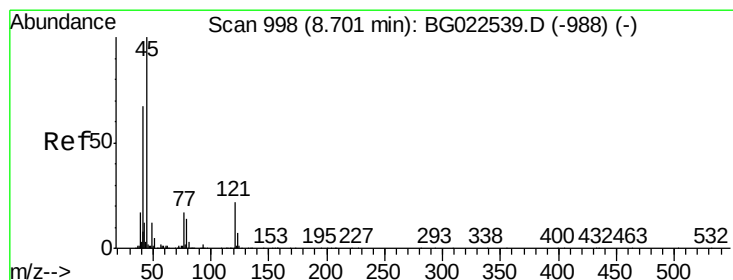
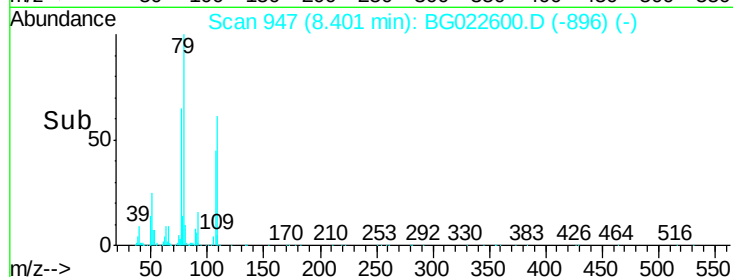
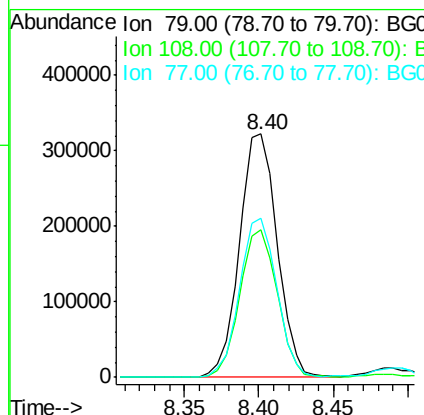
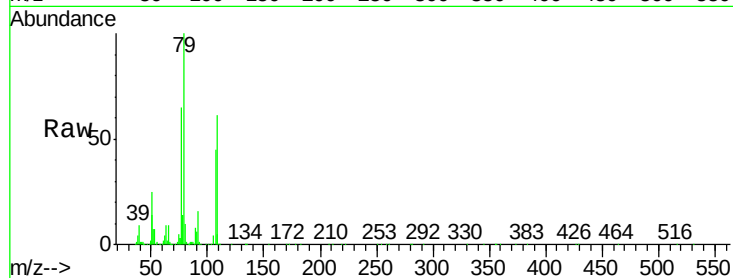




#15
Benzyl Alcohol
Concen: 50.17 ng
RT: 8.40 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

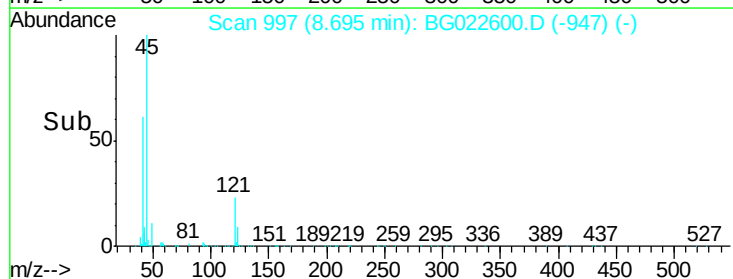
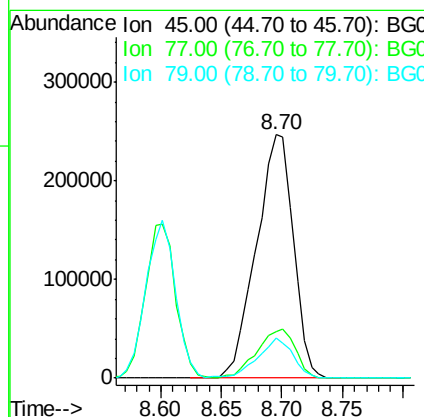
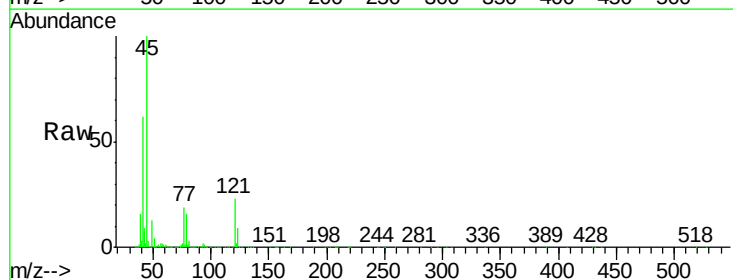
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

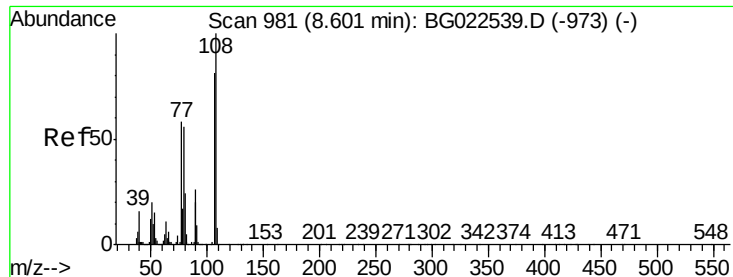
Tgt Ion: 79 Resp: 564992
Ion Ratio Lower Upper
79 100
108 60.7 46.5 69.7
77 65.4 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.68 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion: 45 Resp: 523283
Ion Ratio Lower Upper
45 100
77 19.0 0.6 40.6
79 16.4 0.0 36.2





#17

2-Methylphenol

Concen: 50.80 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

Tgt Ion:107 Resp: 430763

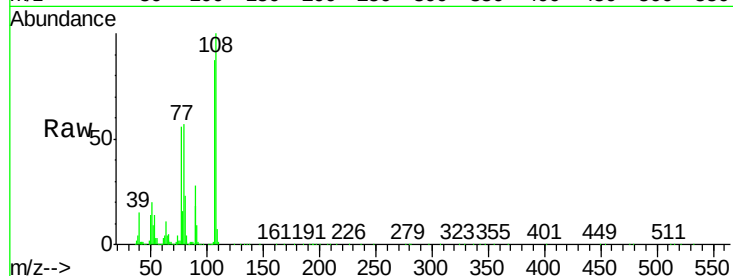
Ion Ratio Lower Upper

107 100

108 114.6 92.0 138.0

77 64.4 55.8 83.6

79 65.5 55.0 82.6



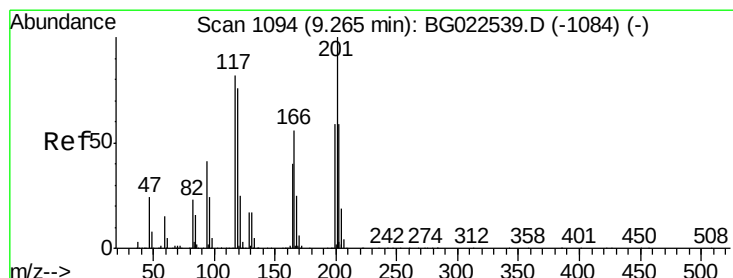
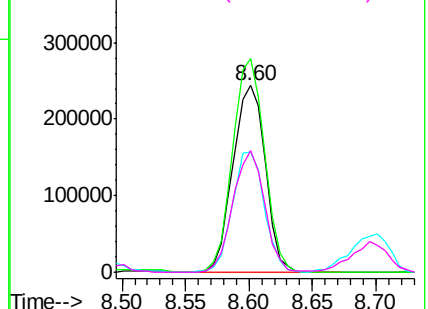
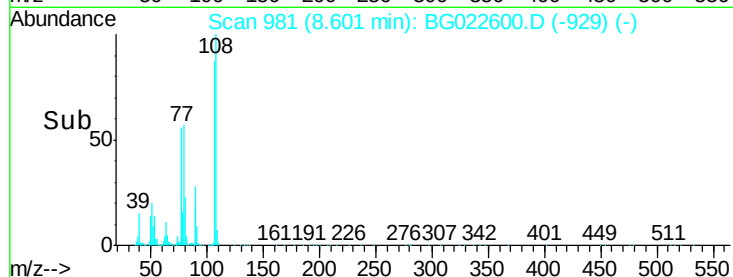
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.46 ng

RT: 9.25 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

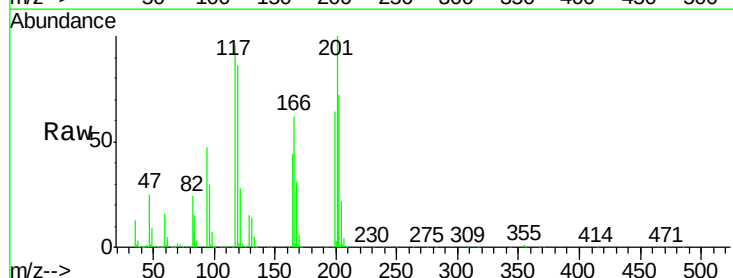
Tgt Ion:117 Resp: 187247

Ion Ratio Lower Upper

117 100

119 90.3 73.7 110.5

201 105.3 88.7 133.1

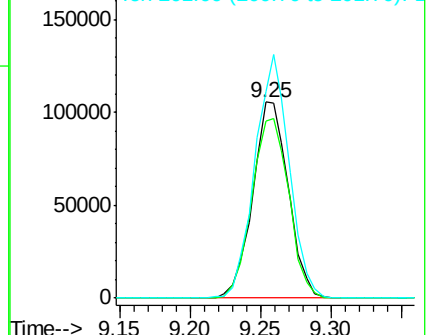
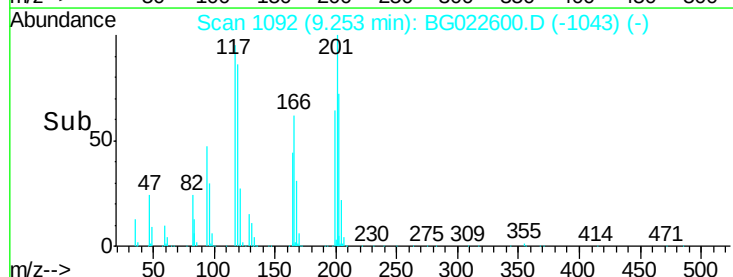


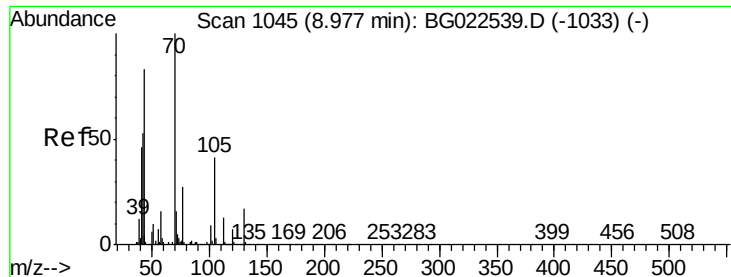
Abundance

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

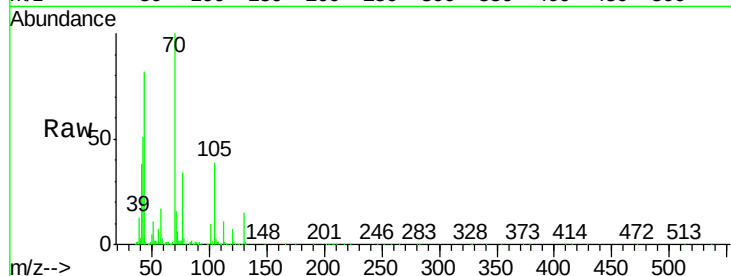




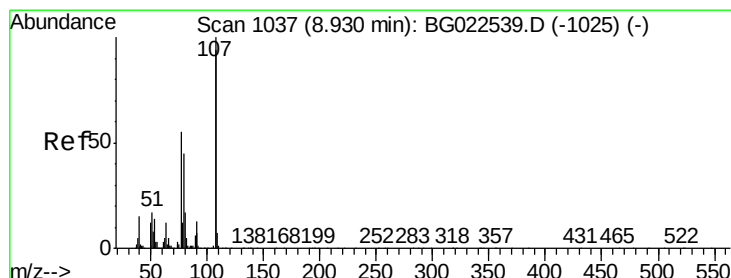
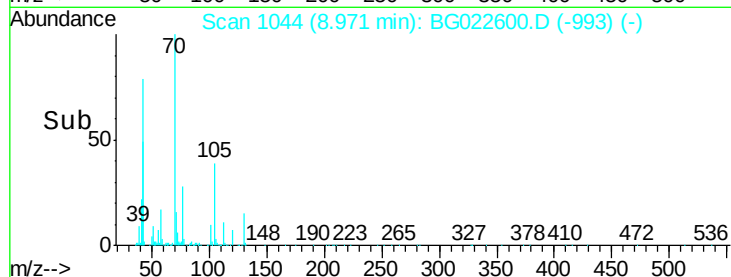
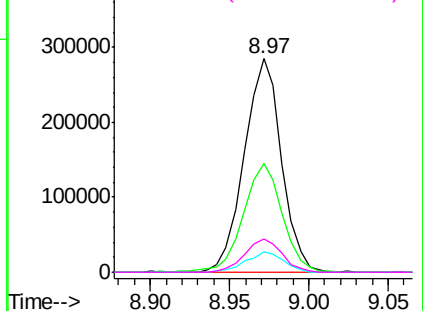
#19
n-Nitroso-di-n-propylamine
Concen: 45.69 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tgt Ion:	70	Resp:	463132
Ion	Ratio	Lower	Upper
70	100		
42	51.1	42.1	63.1
101	9.7	7.2	10.8
130	15.4	14.2	21.2

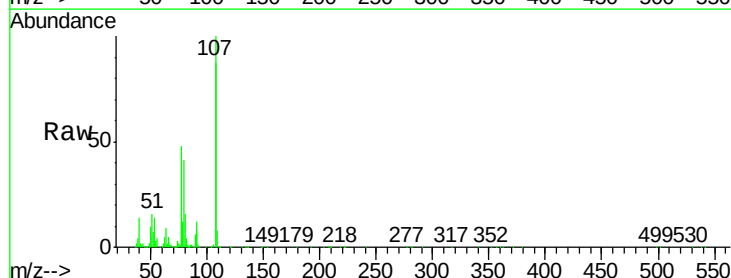


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

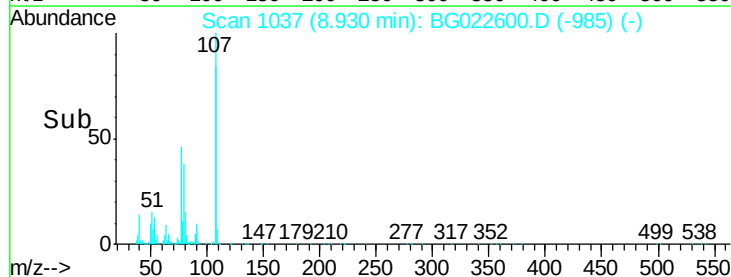
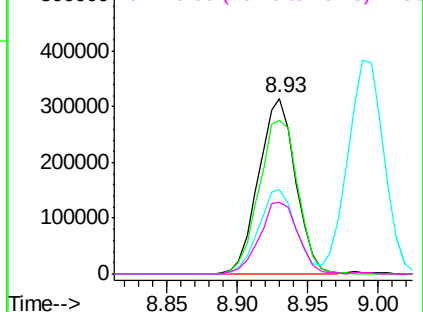


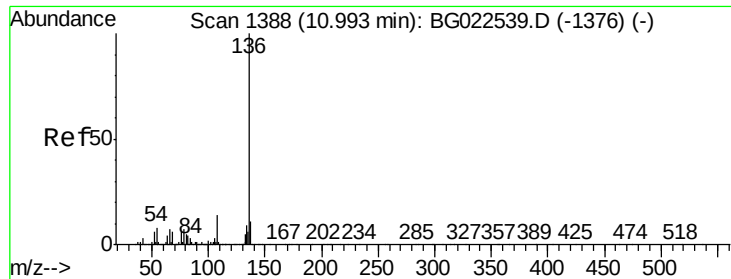
#20
3+4-Methylphenols
Concen: 49.58 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion:	107	Resp:	579117
Ion	Ratio	Lower	Upper
107	100		
108	87.4	72.5	112.5
77	48.0	30.1	70.1
79	41.1	24.2	64.2



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

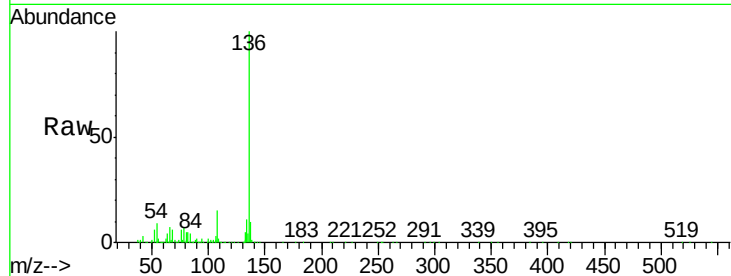




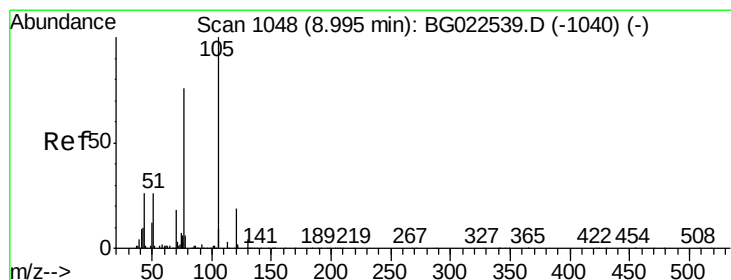
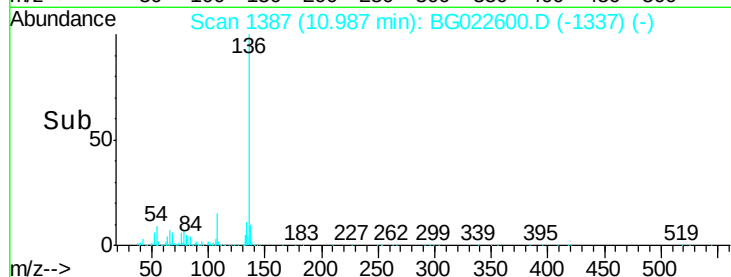
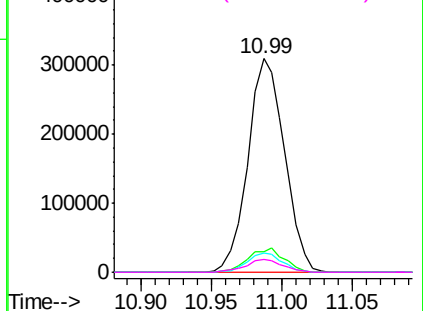
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tgt Ion:	136	Resp:	561689
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	8.7	7.3	10.9
68	6.1	5.3	7.9

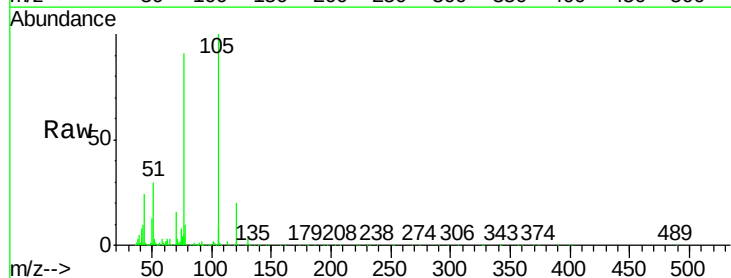


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

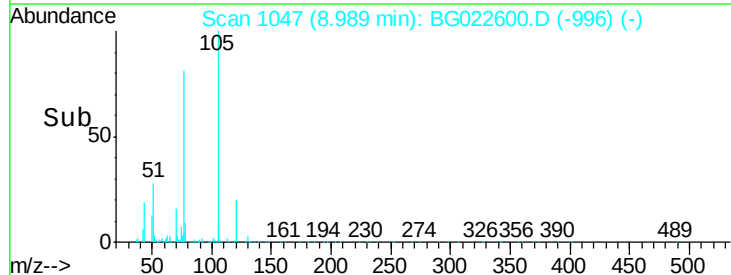
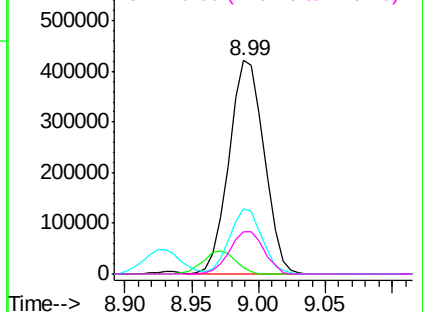


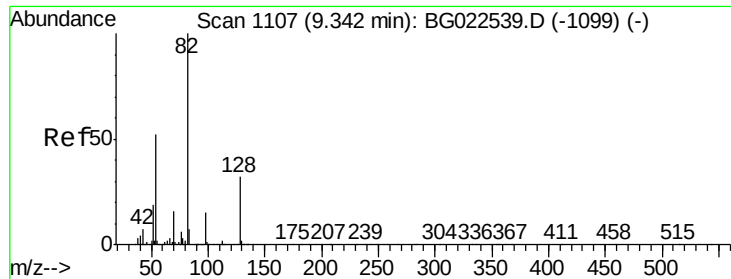
#22
Acetophenone
Concen: 47.53 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion:	105	Resp:	771737
Ion	Ratio	Lower	Upper
105	100		
71	2.9	2.6	3.8
51	30.3	27.1	40.7
120	19.9	15.1	22.7



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

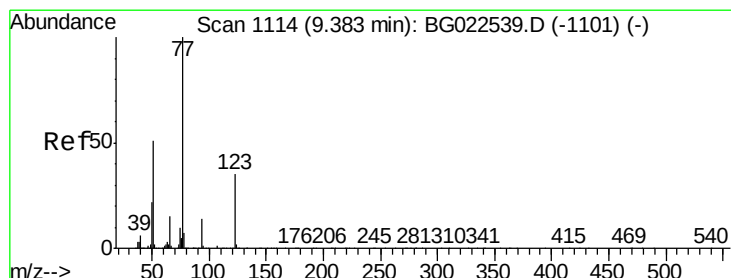
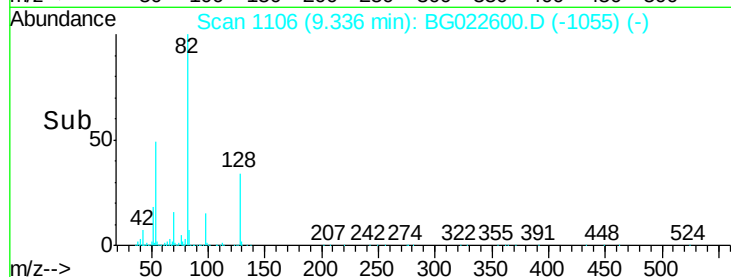
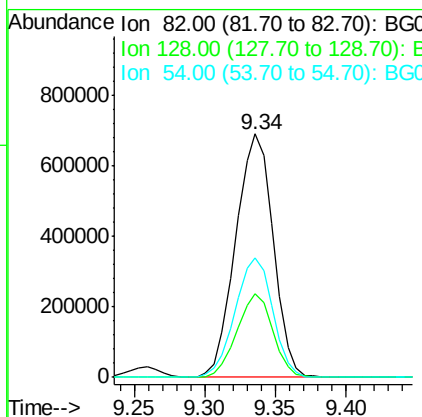
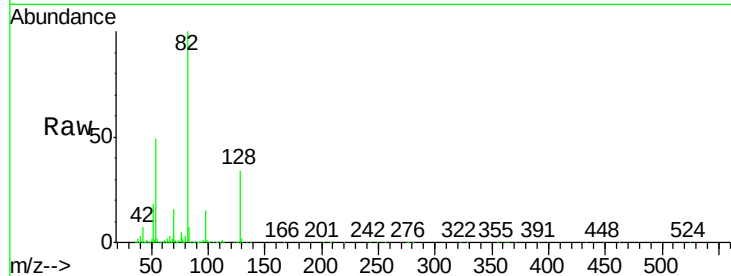




#23
 Nitrobenzene-d5
 Concen: 96.57 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

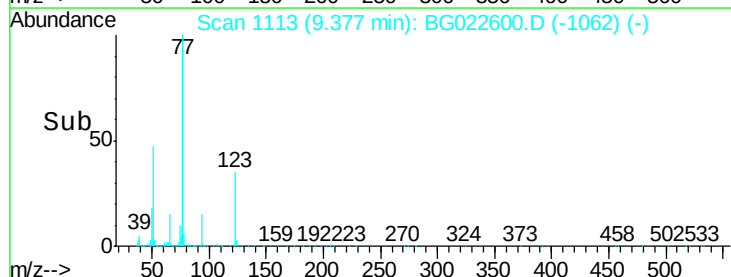
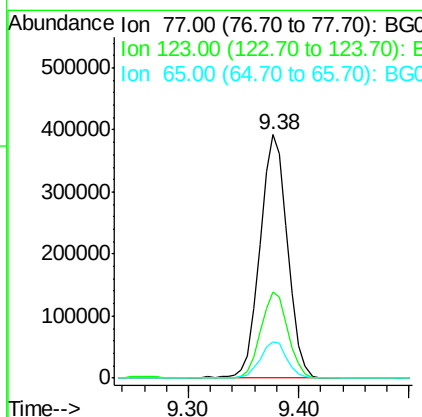
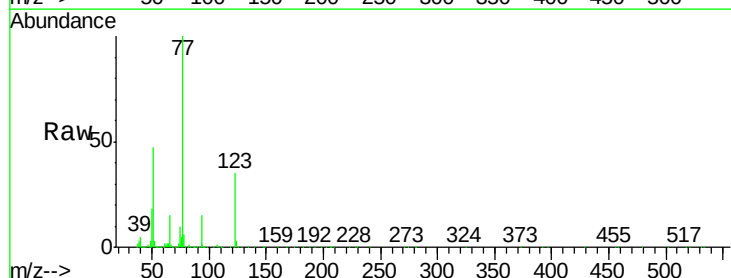
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

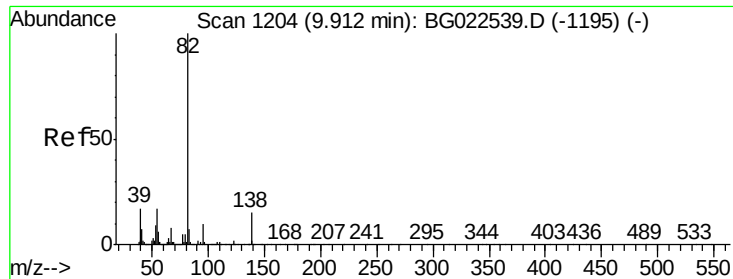
Tgt Ion: 82 Resp: 1281538
 Ion Ratio Lower Upper
 82 100
 128 34.3 24.4 36.6
 54 49.1 41.4 62.0



#24
 Nitrobenzene
 Concen: 46.51 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Tgt Ion: 77 Resp: 682189
 Ion Ratio Lower Upper
 77 100
 123 35.5 25.0 37.6
 65 15.0 13.4 20.0

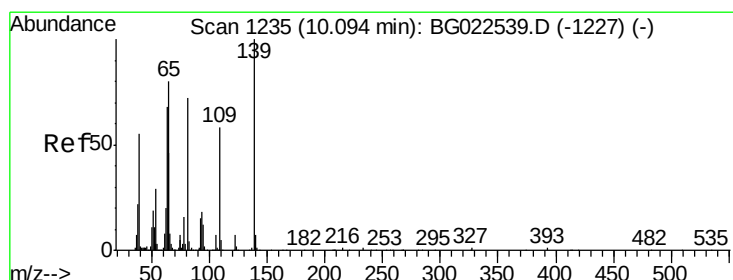
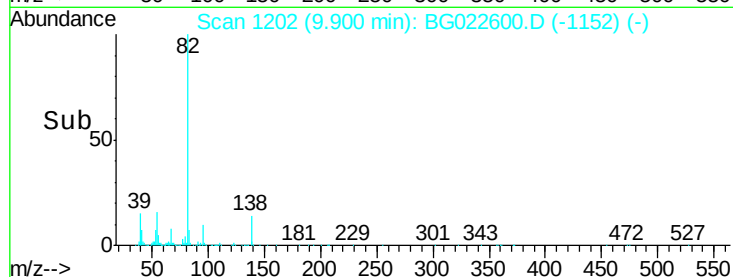
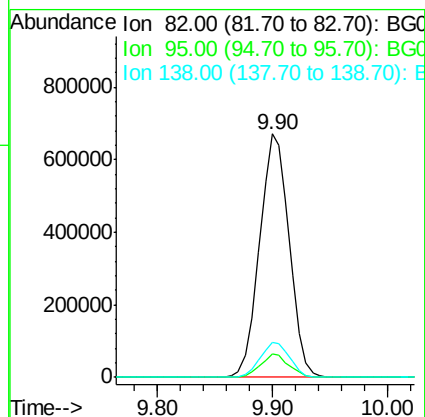
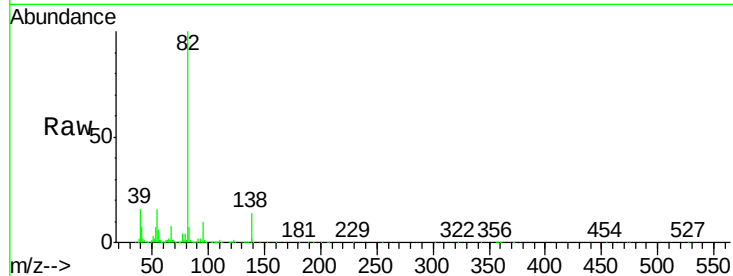




#25
Isophorone
Concen: 46.43 ng
RT: 9.90 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

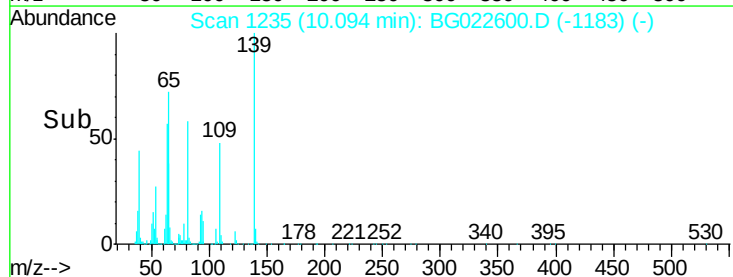
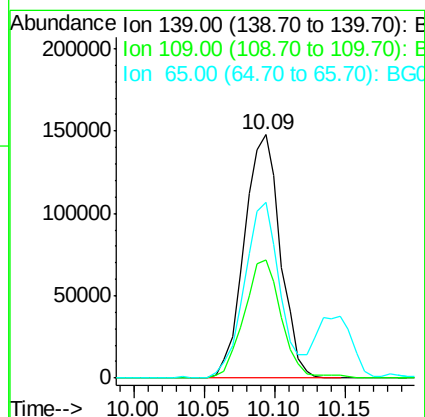
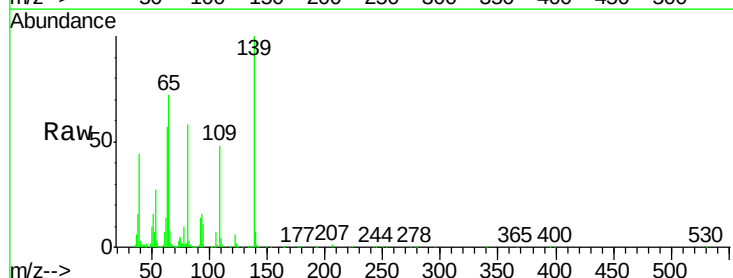
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

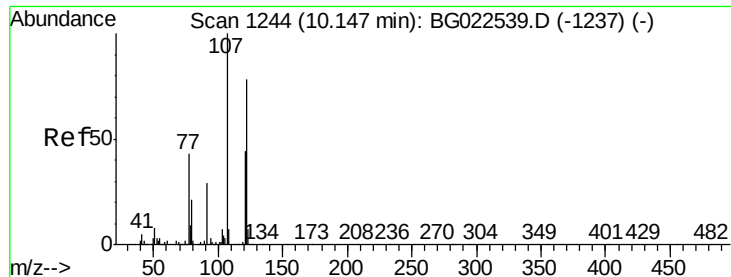
Tgt Ion: 82 Resp: 1196222
Ion Ratio Lower Upper
82 100
95 9.6 8.2 12.2
138 14.3 10.7 16.1



#26
2-Nitrophenol
Concen: 49.97 ng
RT: 10.09 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion: 139 Resp: 264034
Ion Ratio Lower Upper
139 100
109 48.4 43.5 65.3
65 72.0 64.3 96.5





#27

2,4-Dimethylphenol

Concen: 45.48 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

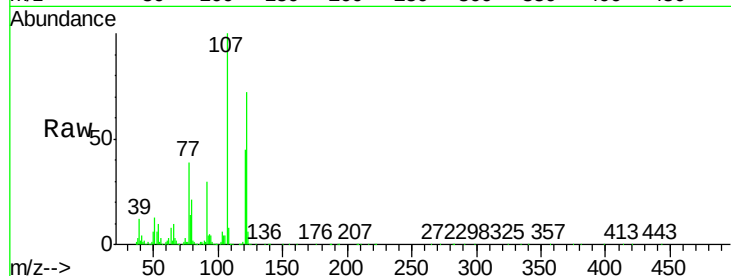
Tgt Ion:122 Resp: 459101

Ion Ratio Lower Upper

122 100

107 139.1 117.0 175.4

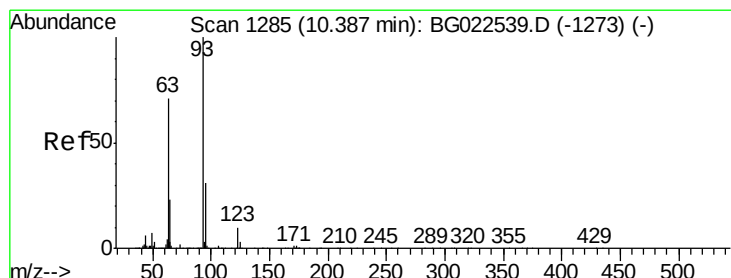
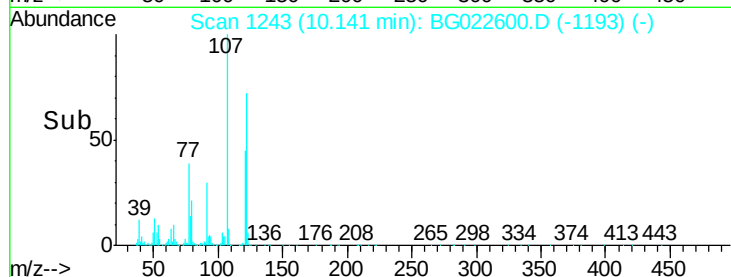
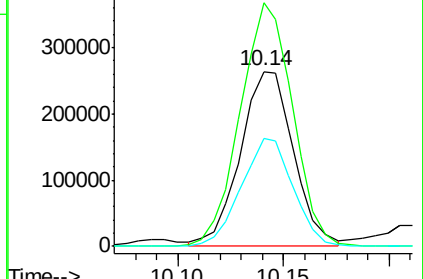
121 62.0 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.11 ng

RT: 10.38 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

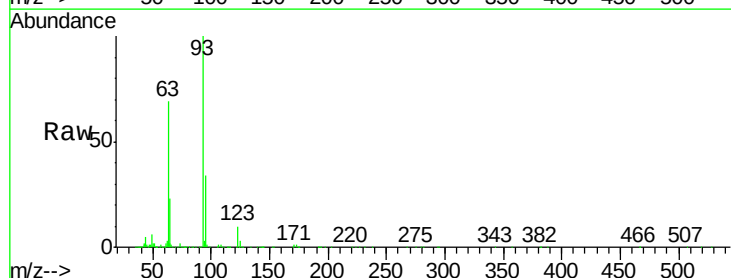
Tgt Ion: 93 Resp: 676752

Ion Ratio Lower Upper

93 100

95 34.0 25.4 38.2

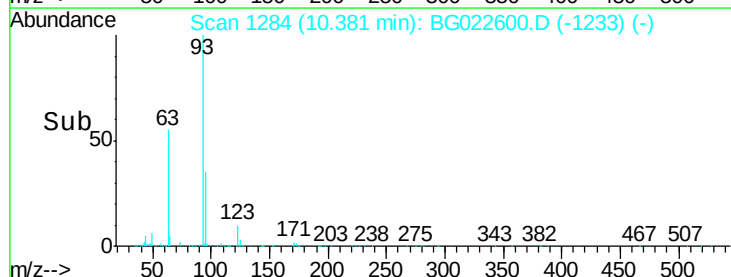
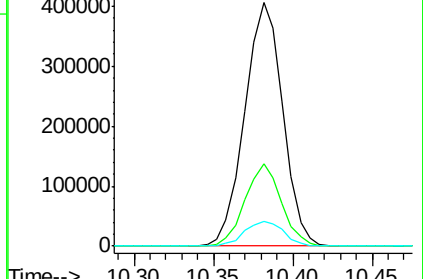
123 10.3 8.2 12.2

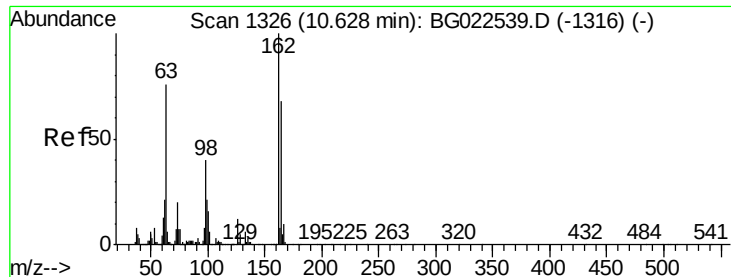


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 53.18 ng

RT: 10.63 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

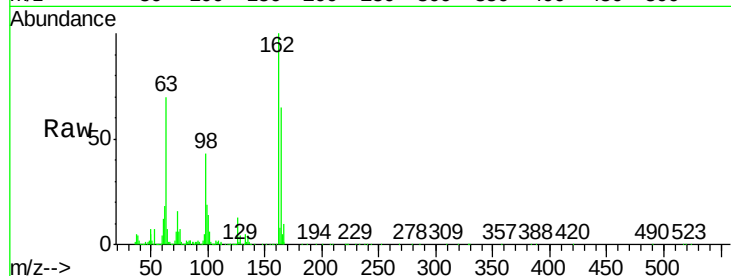
Tgt Ion:162 Resp: 523029

Ion Ratio Lower Upper

162 100

164 65.2 44.3 84.3

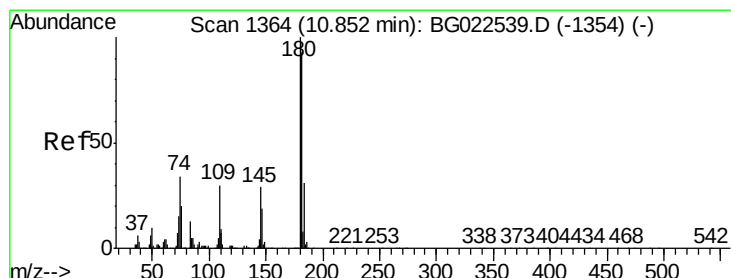
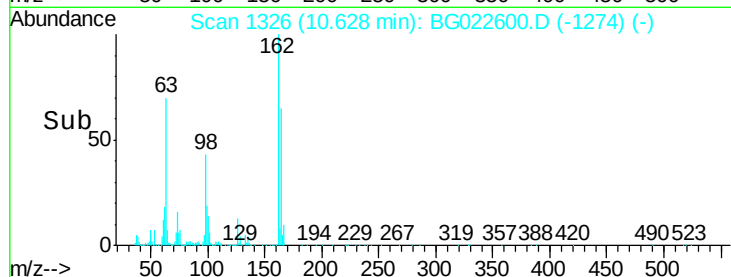
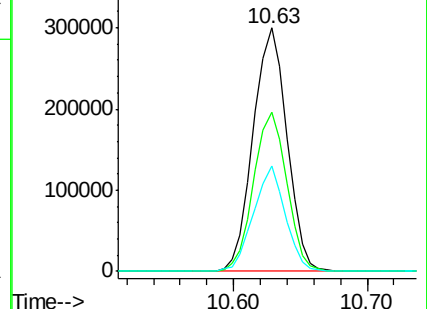
98 43.2 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 45.42 ng

RT: 10.85 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

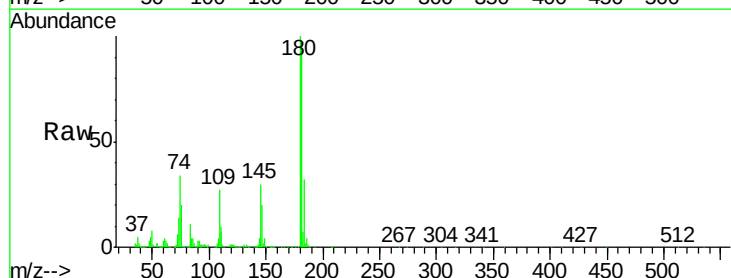
Tgt Ion:180 Resp: 530430

Ion Ratio Lower Upper

180 100

182 96.9 73.8 110.8

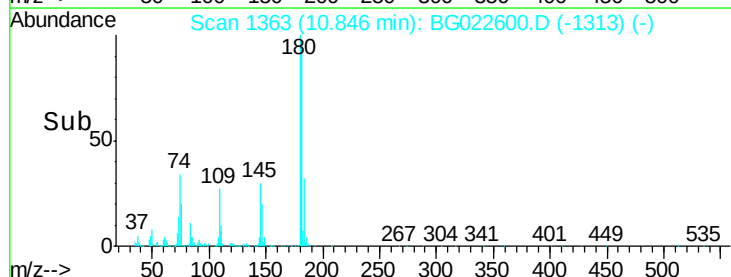
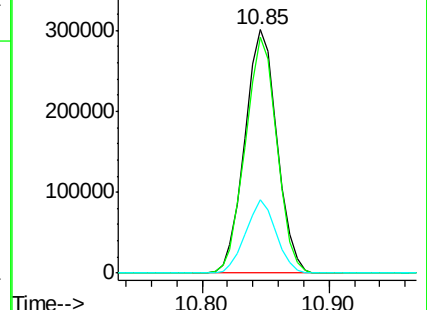
145 30.2 24.4 36.6

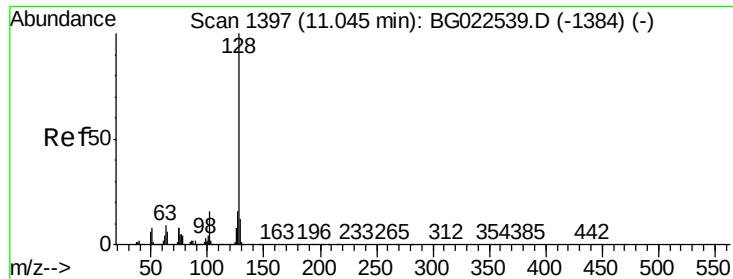


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

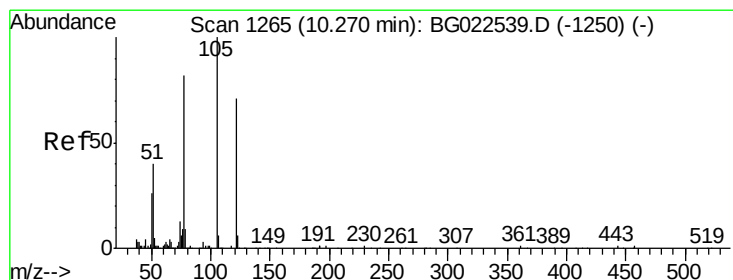
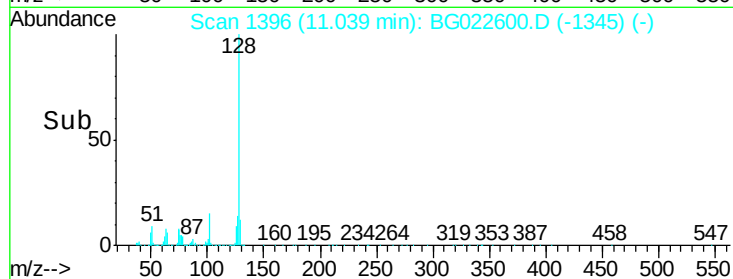
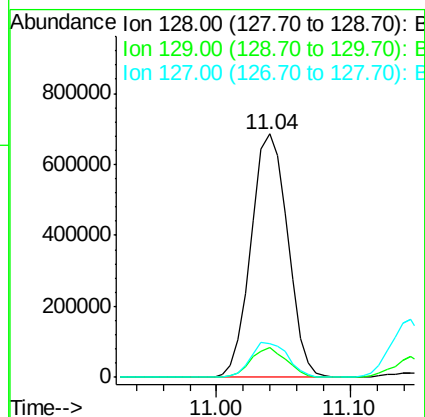
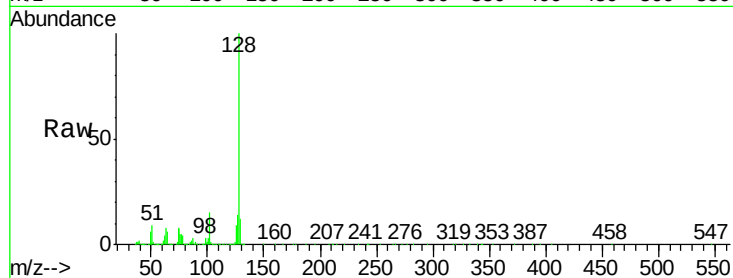




#31
Naphthalene
Concen: 45.98 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

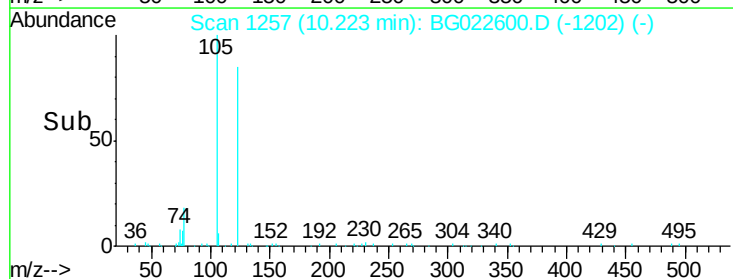
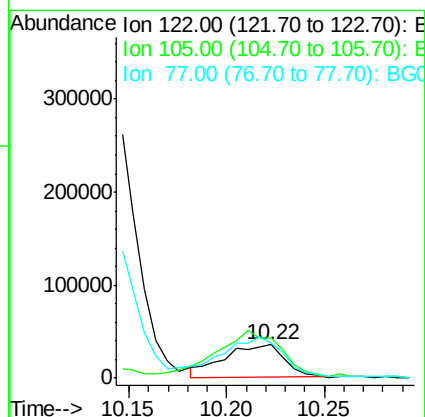
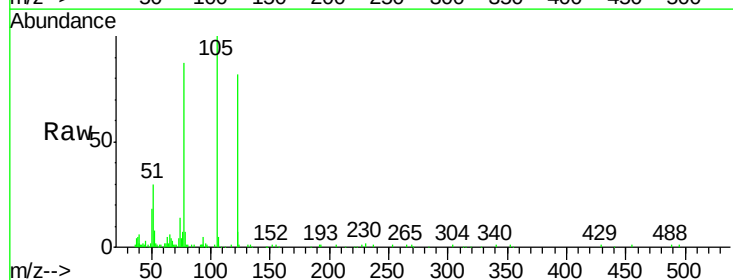
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

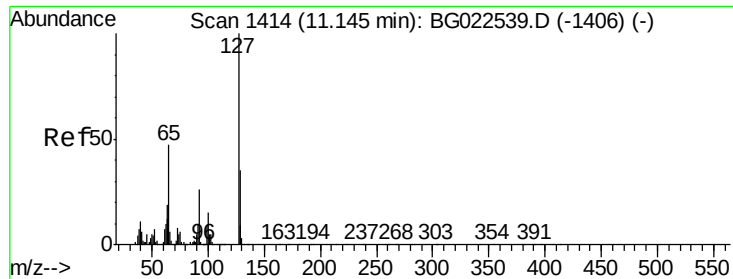
Tgt Ion:128 Resp: 1298291
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 13.8 11.3 16.9



#32
Benzoic acid
Concen: 15.10 ng
RT: 10.22 min Scan# 1257
Delta R.T. 0.02 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion:122 Resp: 73762
Ion Ratio Lower Upper
122 100
105 121.2 117.2 157.2
77 105.6 109.2 149.2#

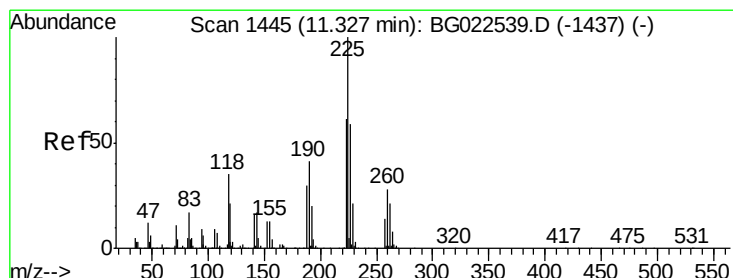
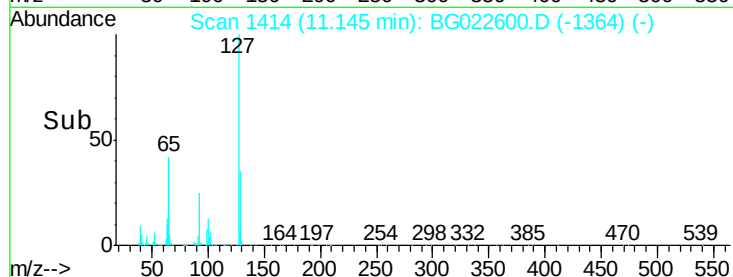
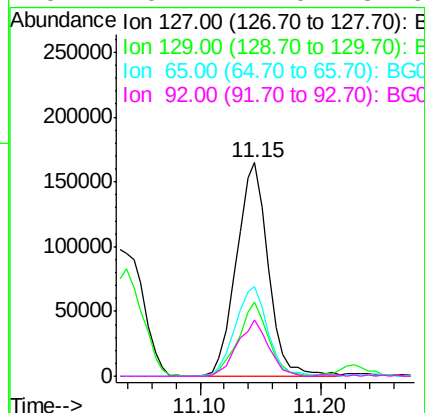
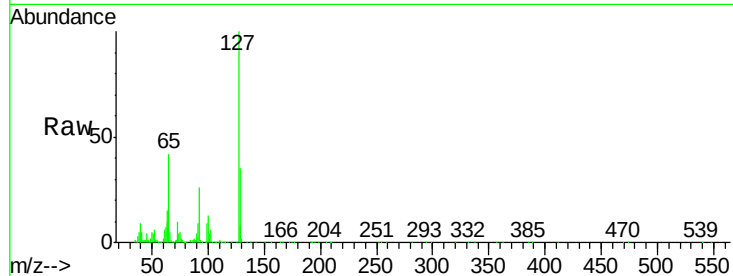




#33
4-Chloroaniline
Concen: 24.87 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

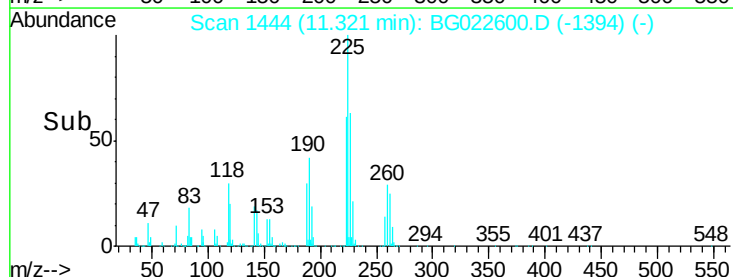
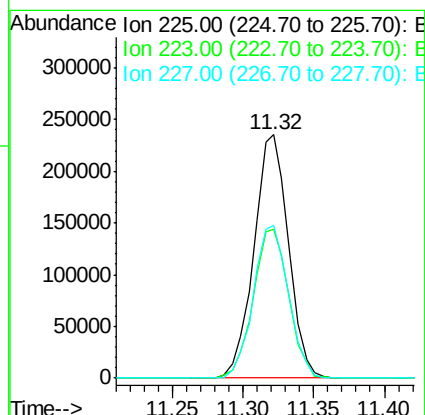
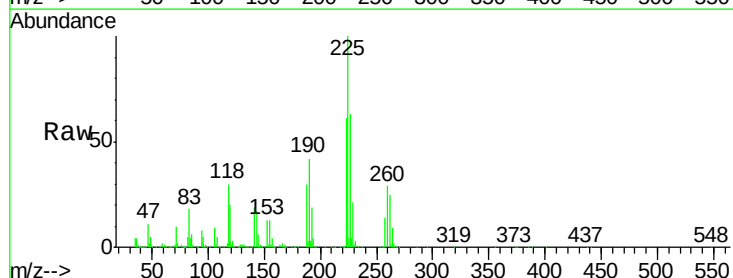
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

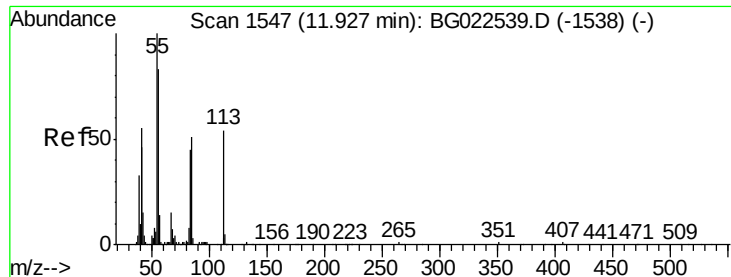
Tgt Ion:	127	Resp:	302512
Ion	Ratio	Lower	Upper
127	100		
129	35.0	27.9	41.9
65	41.8	36.8	55.2
92	26.4	21.0	31.6



#34
Hexachlorobutadiene
Concen: 44.37 ng
RT: 11.32 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion:	225	Resp:	402731
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.6	74.4
227	62.6	54.5	81.7





#35

Caprolactam

Concen: 57.07 ng m

RT: 11.93 min Scan# 1547

Delta R.T. 0.03 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

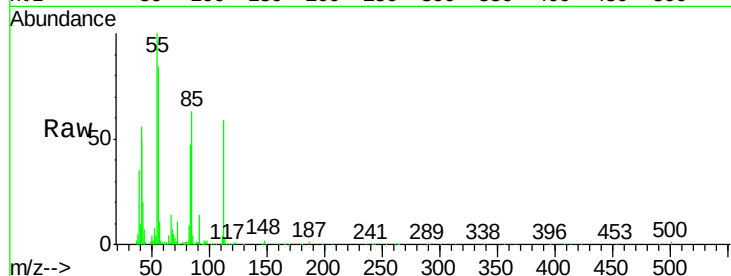
Tgt Ion:113 Resp: 176811

Ion Ratio Lower Upper

113 100

55 169.9 154.5 194.5

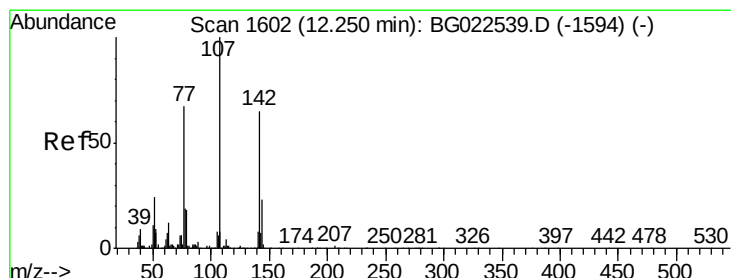
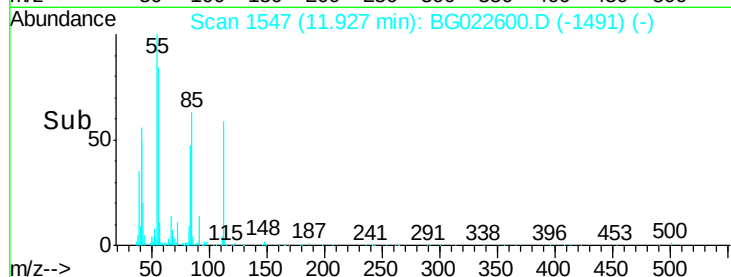
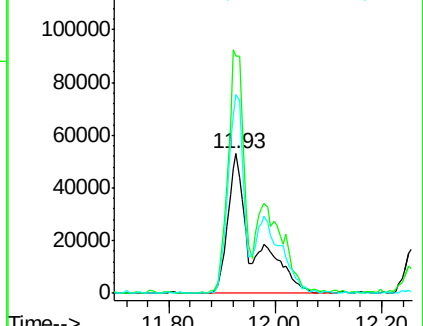
56 142.0 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 53.24 ng

RT: 12.25 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

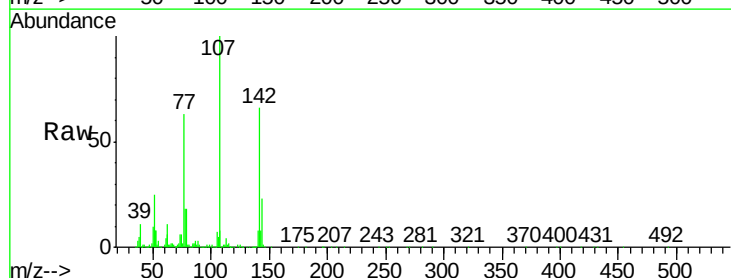
Tgt Ion:107 Resp: 642694

Ion Ratio Lower Upper

107 100

144 22.7 17.0 25.6

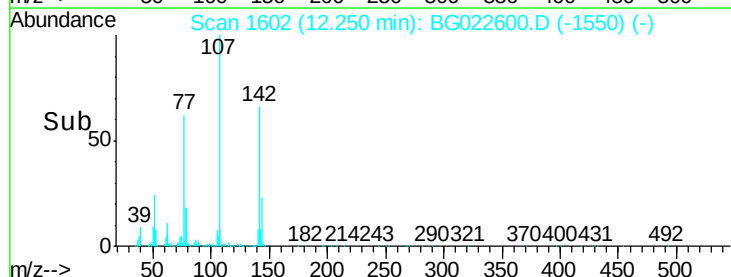
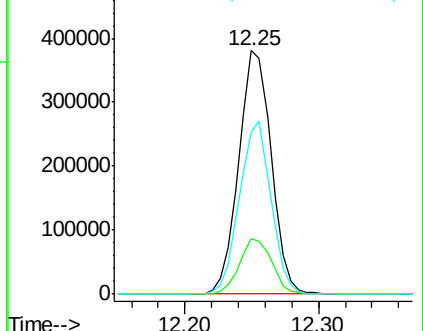
142 66.4 53.0 79.6

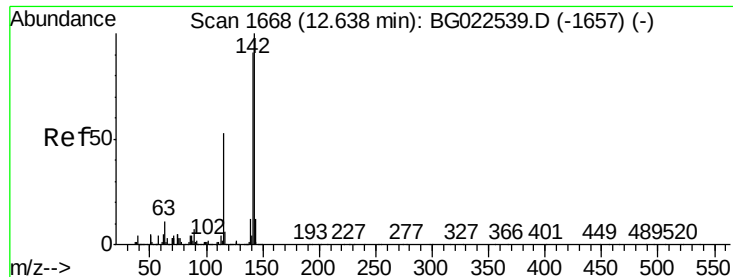


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.96 ng

RT: 12.63 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

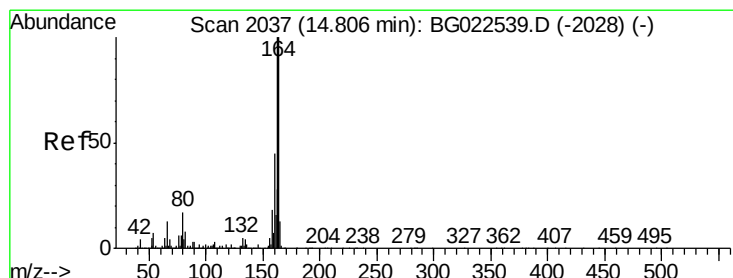
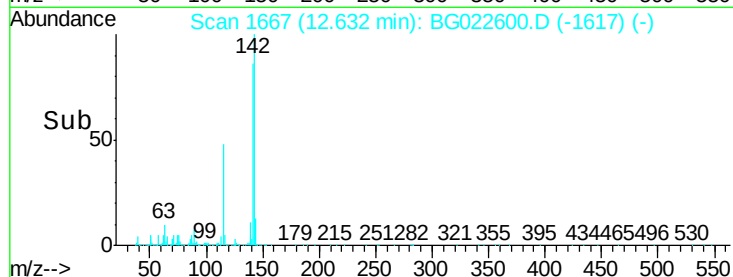
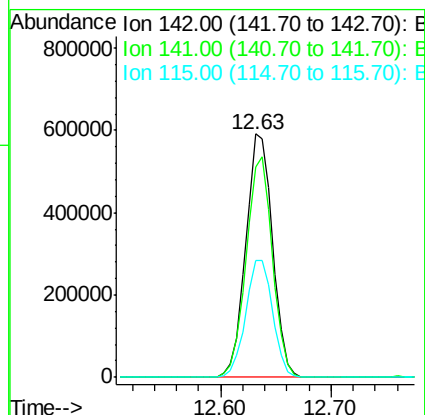
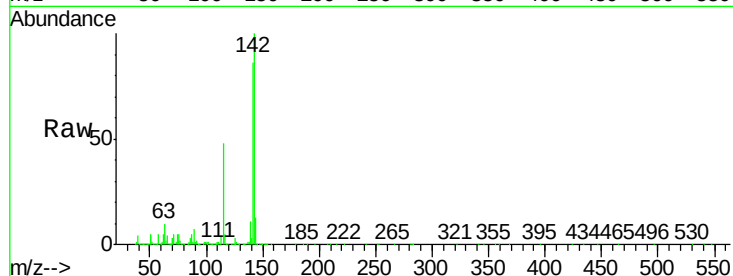
Tgt Ion:142 Resp: 1006408

Ion Ratio Lower Upper

142 100

141 86.3 70.2 105.2

115 48.1 41.7 62.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

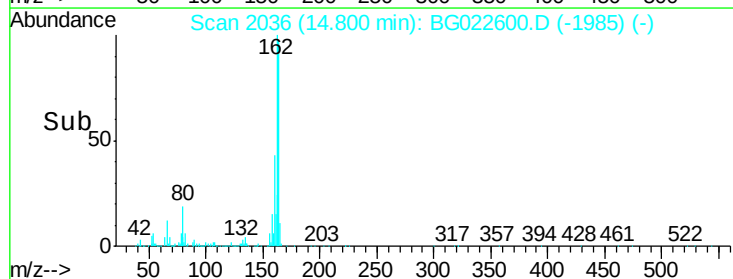
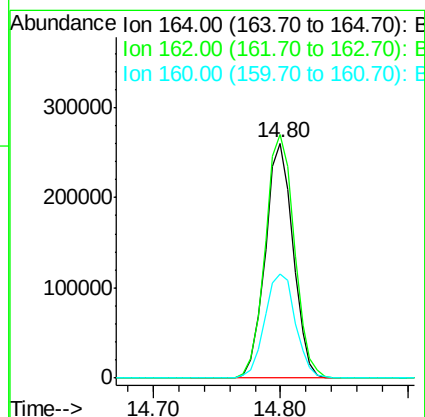
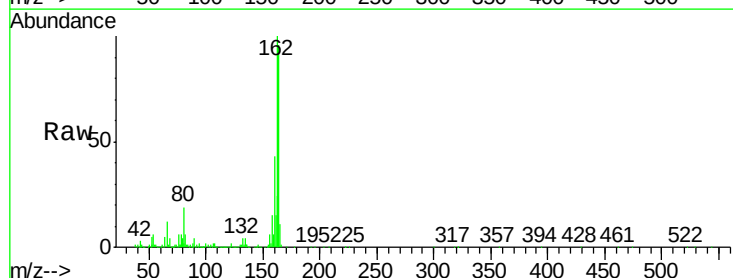
Tgt Ion:164 Resp: 397424

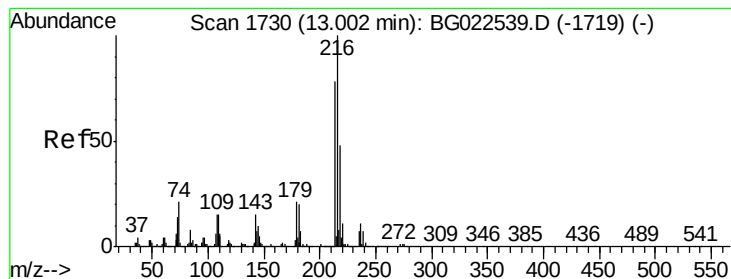
Ion Ratio Lower Upper

164 100

162 103.7 87.7 131.5

160 44.4 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.82 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

Tgt Ion:216 Resp: 672503

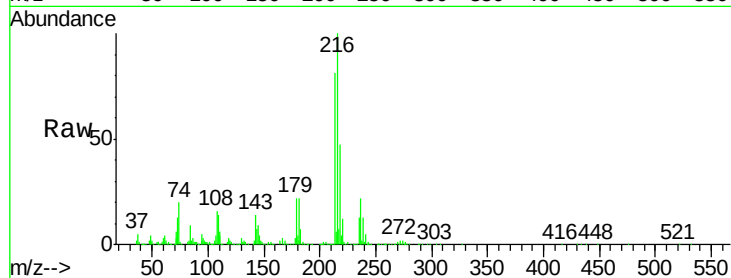
Ion Ratio Lower Upper

216 100

214 80.7 62.9 94.3

179 21.2 17.2 25.8

108 20.0 16.3 24.5

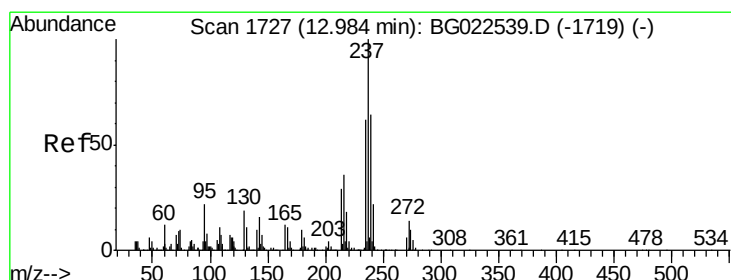
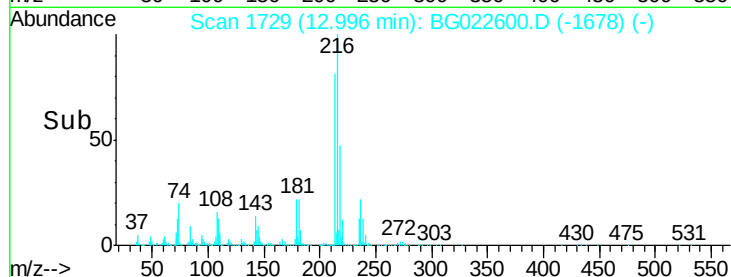
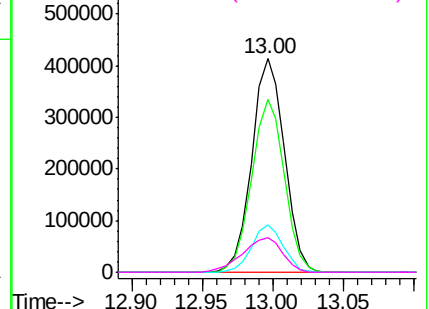


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 74.77 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

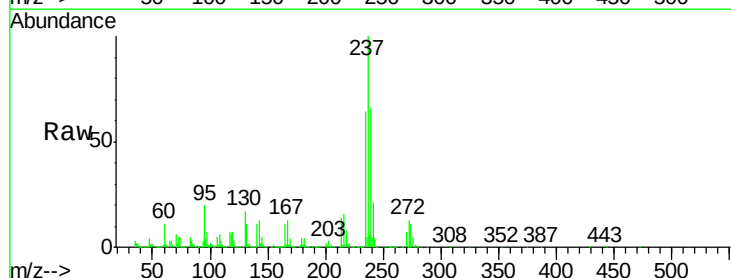
Tgt Ion:237 Resp: 895581

Ion Ratio Lower Upper

237 100

235 63.8 43.1 83.1

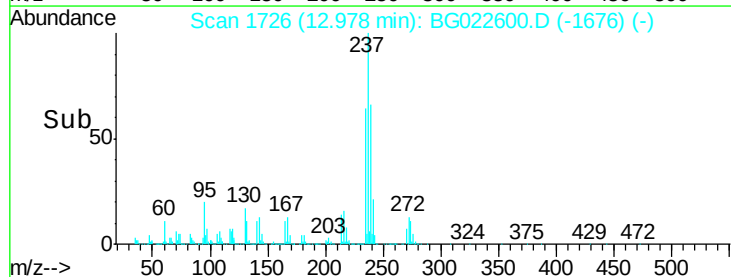
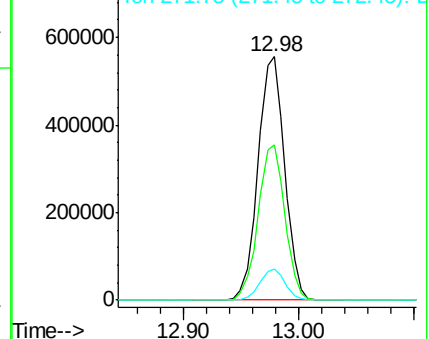
272 12.7 0.0 30.9

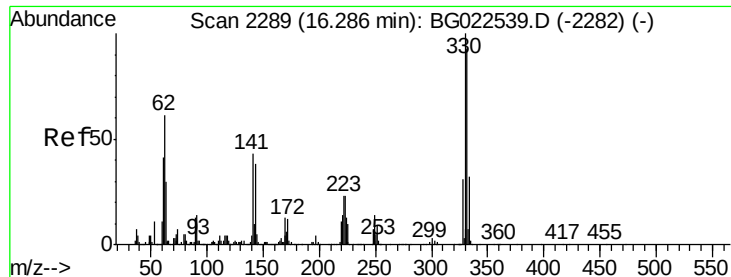


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

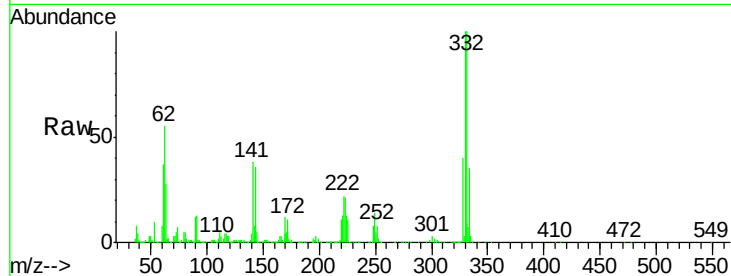




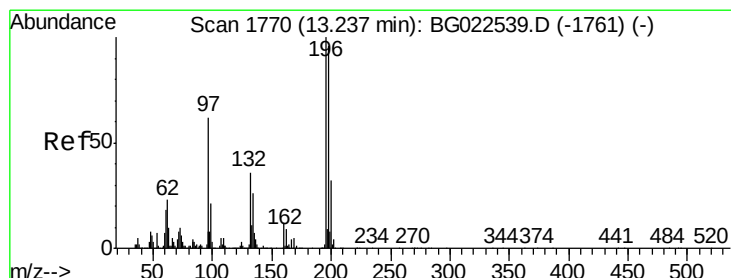
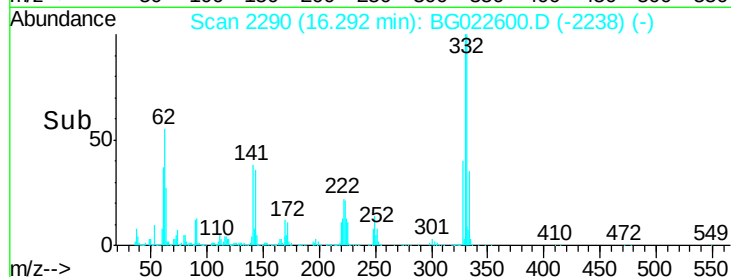
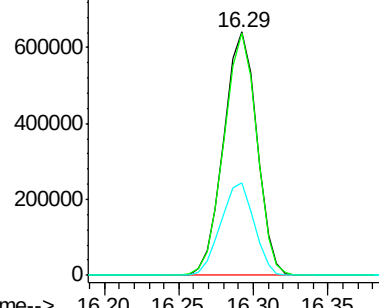
#41
 2,4,6-Tribromophenol
 Concen: 158.05 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

Tgt Ion:330 Resp: 987959
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 38.3 31.7 47.5

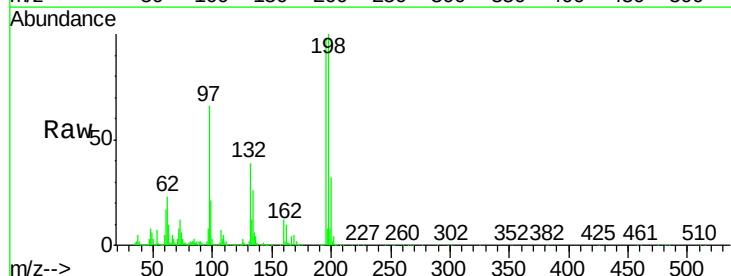


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

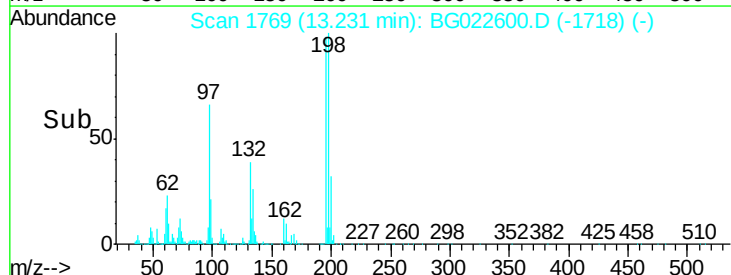
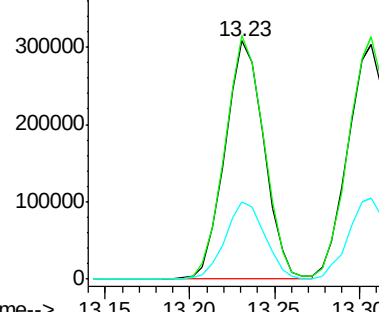


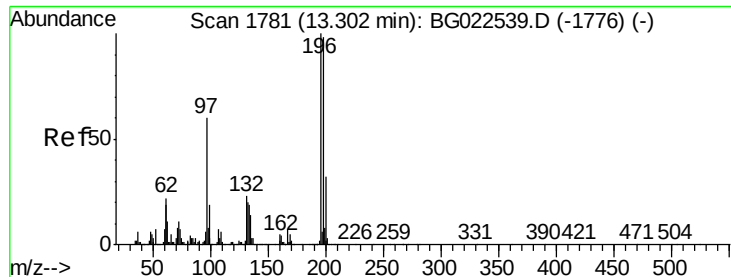
#42
 2,4,6-Trichlorophenol
 Concen: 51.37 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Tgt Ion:196 Resp: 494203
 Ion Ratio Lower Upper
 196 100
 198 102.4 78.2 117.2
 200 32.5 27.0 40.4



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

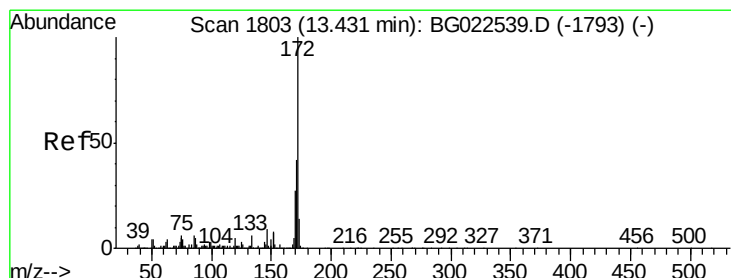
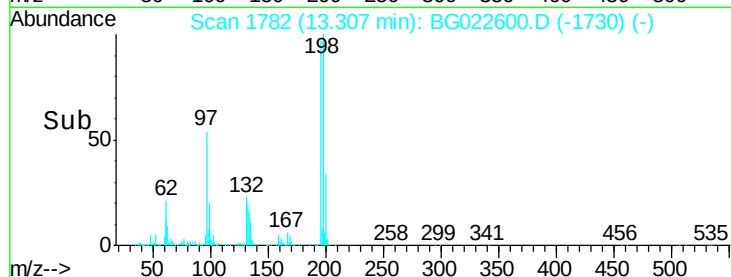
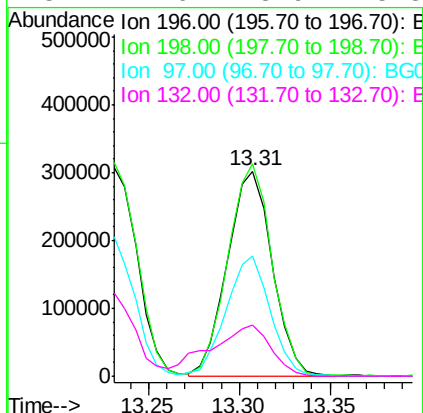
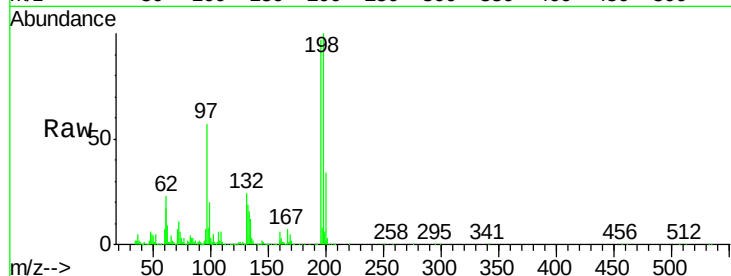




#43
 2,4,5-Trichlorophenol
 Concen: 51.45 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

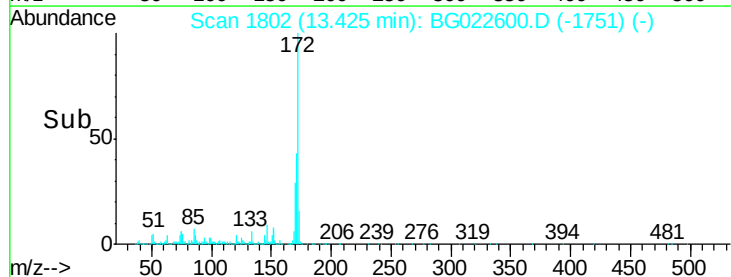
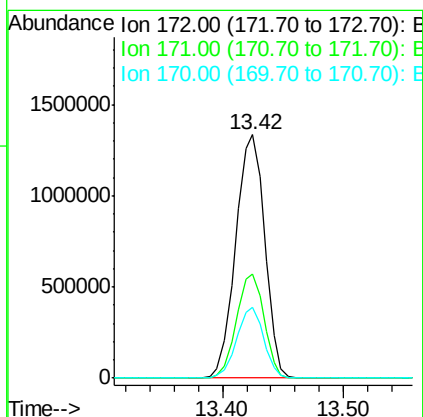
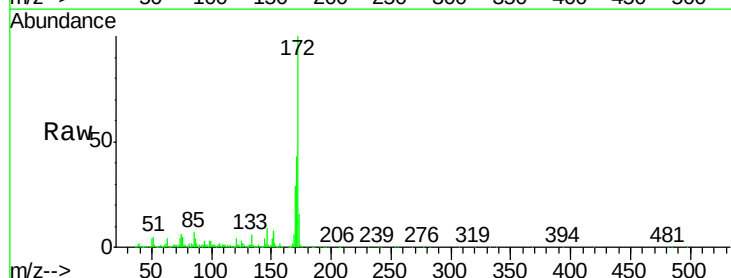
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

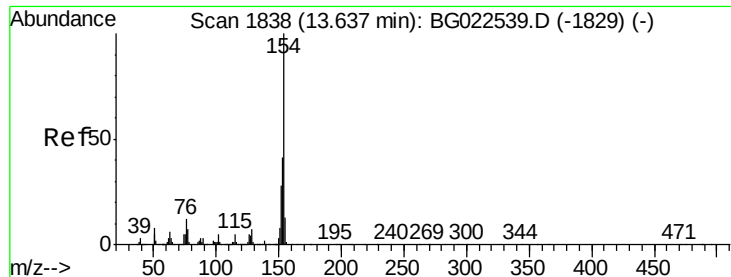
Tgt Ion:196 Resp: 517997
 Ion Ratio Lower Upper
 196 100
 198 103.6 85.7 128.5
 97 58.7 45.5 68.3
 132 24.6 18.9 28.3



#44
 2-Fluorobiphenyl
 Concen: 89.25 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Tgt Ion:172 Resp: 2236731
 Ion Ratio Lower Upper
 172 100
 171 42.6 31.6 47.4
 170 28.9 21.3 31.9

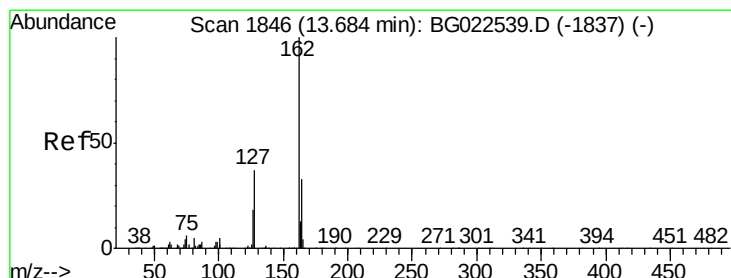
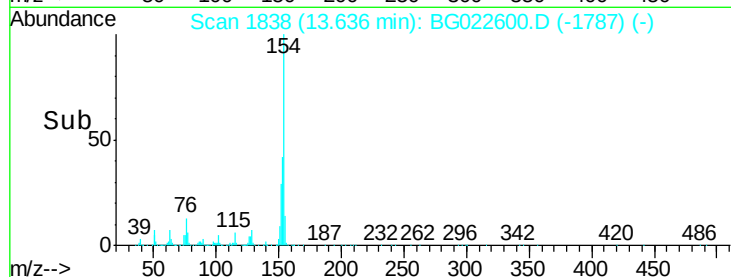
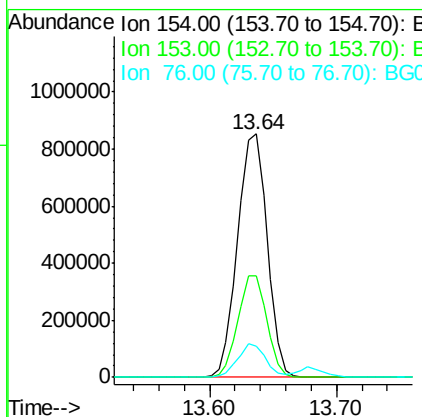
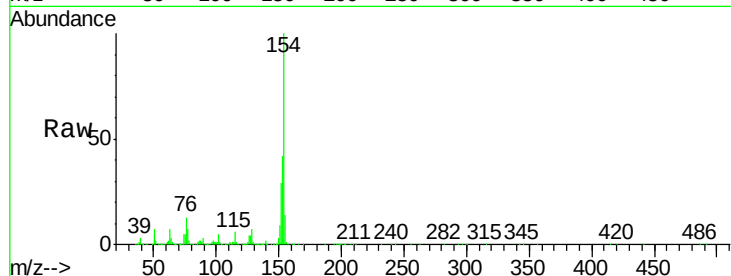




#45
 1,1'-Biphenyl
 Concen: 45.66 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

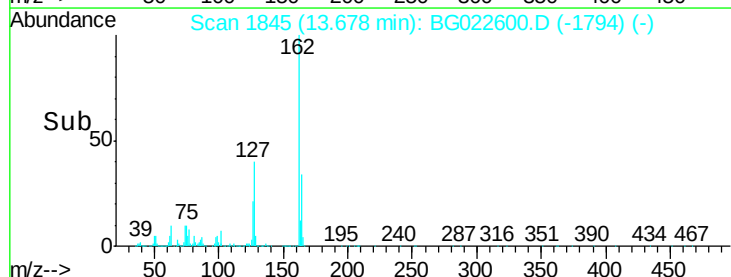
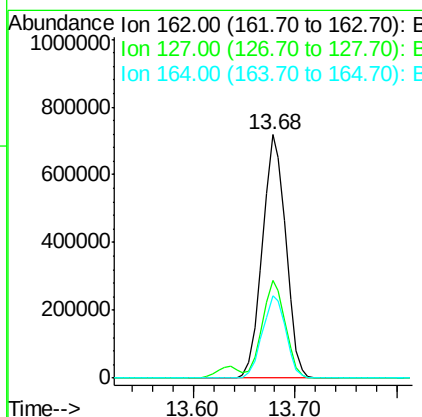
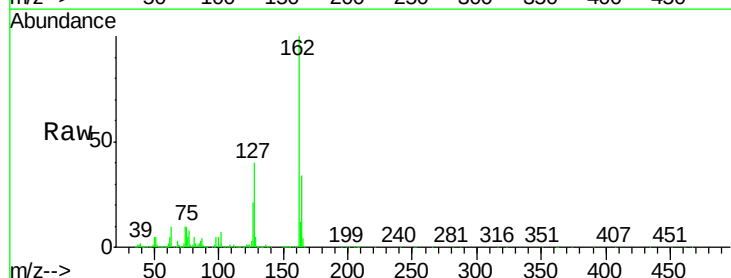
Instrument :
 BNA_G
 ClientSampled :
 TP-7MSD

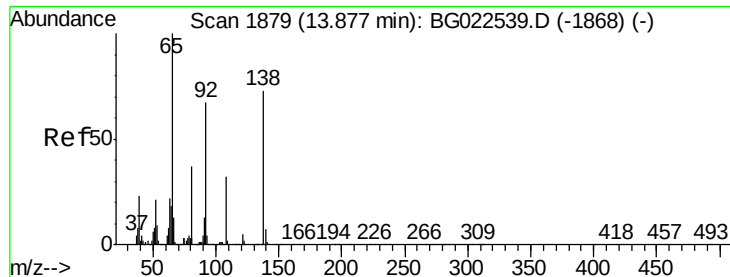
Tgt Ion:154 Resp: 1382289
 Ion Ratio Lower Upper
 154 100
 153 41.8 20.2 60.2
 76 12.7 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 46.05 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Tgt Ion:162 Resp: 1147223
 Ion Ratio Lower Upper
 162 100
 127 39.9 32.4 48.6
 164 34.0 25.2 37.8

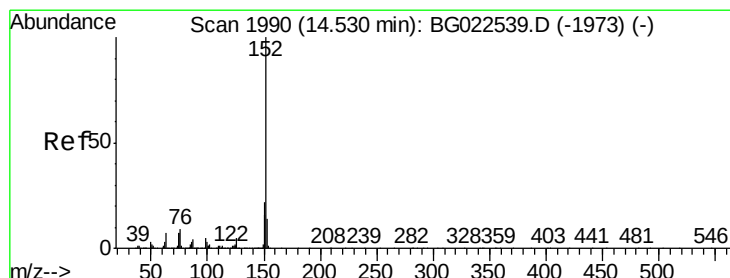
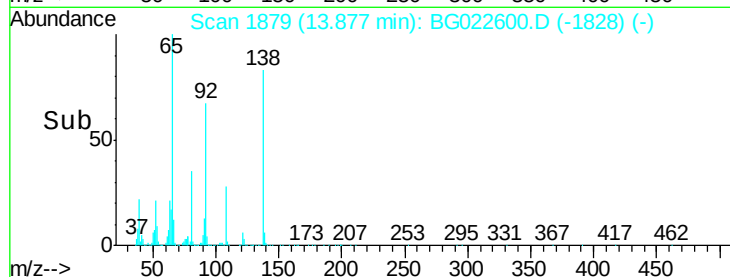
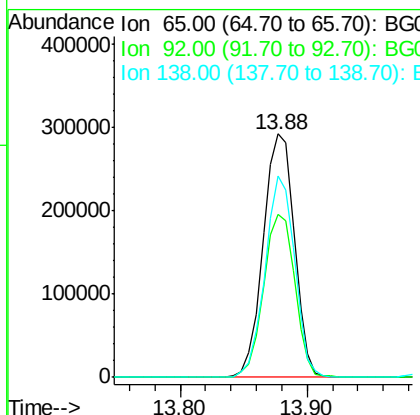
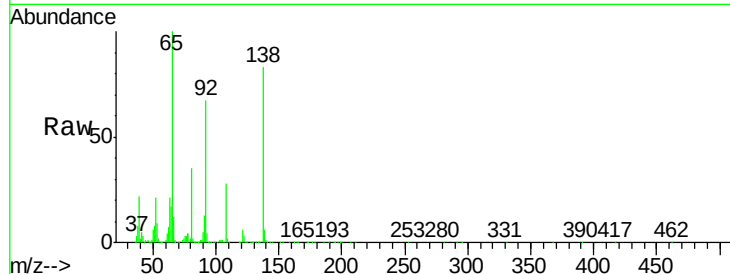




#47
2-Nitroaniline
Concen: 52.03 ng
RT: 13.88 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

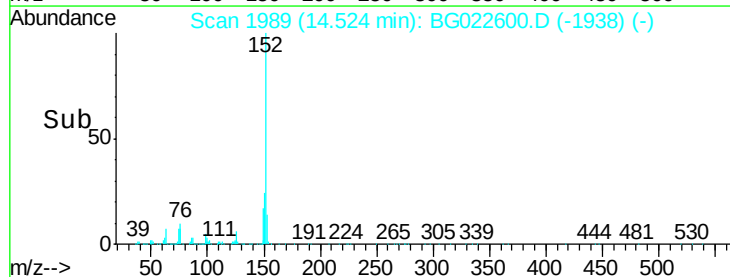
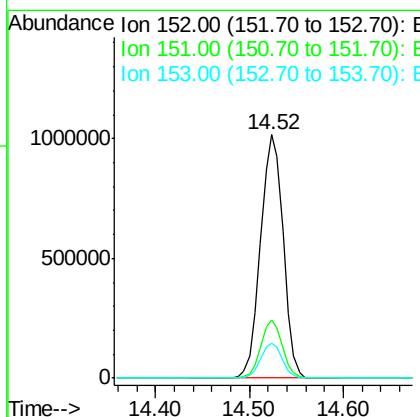
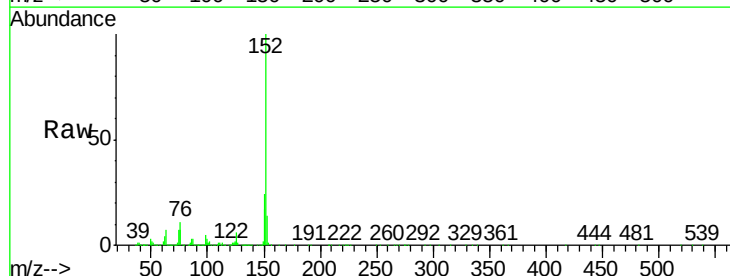
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

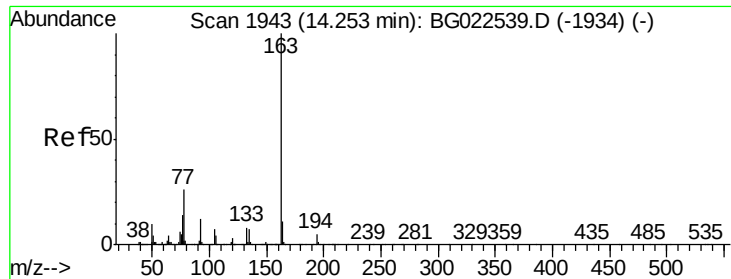
Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	49.4	74.0
138	82.6	58.0	87.0



#48
Acenaphthylene
Concen: 46.79 ng
RT: 14.52 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.1	17.6	26.4
153	14.1	11.4	17.2





#49

Dimethylphthalate

Concen: 57.53 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

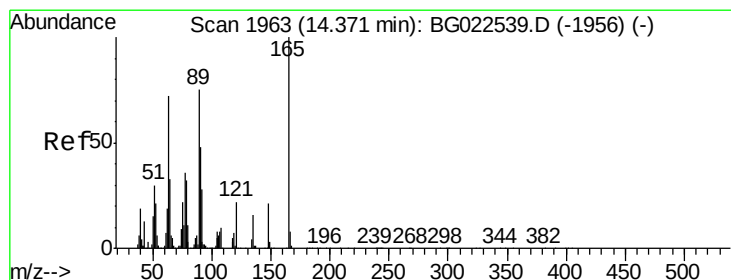
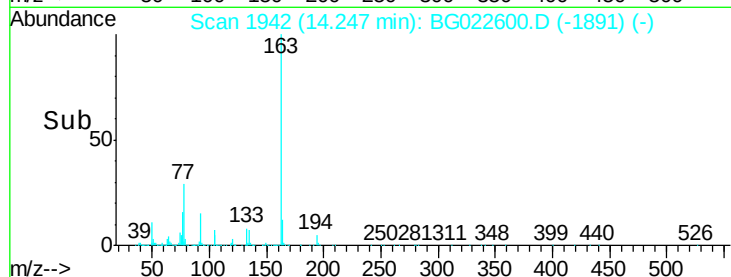
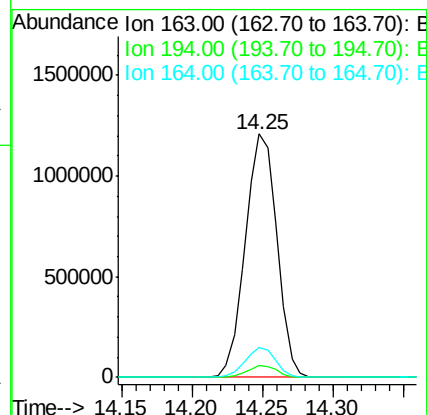
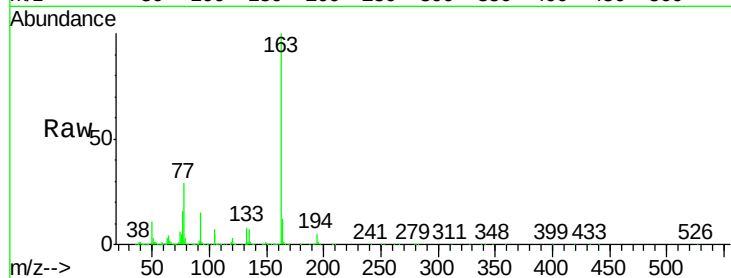
Tgt Ion:163 Resp: 1896629

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

164 12.3 8.1 12.1#



#50

2,6-Dinitrotoluene

Concen: 51.95 ng

RT: 14.36 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

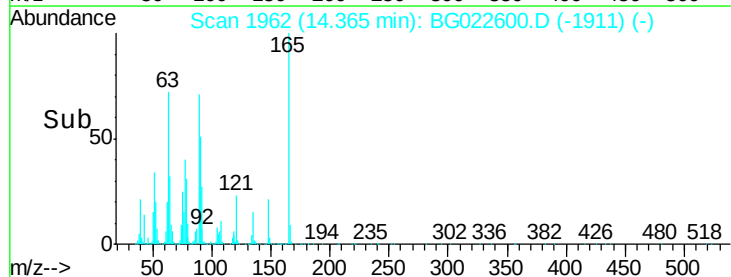
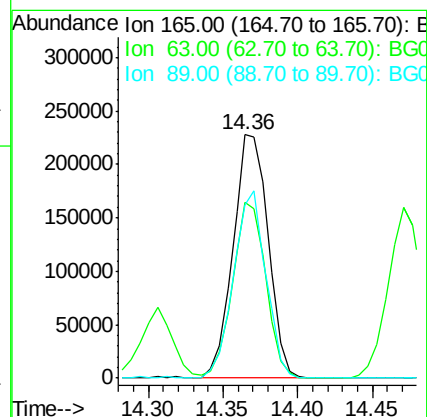
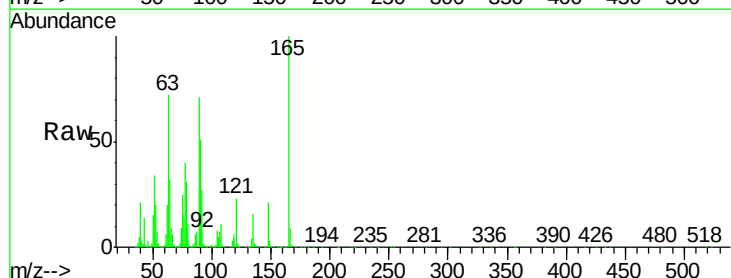
Tgt Ion:165 Resp: 372149

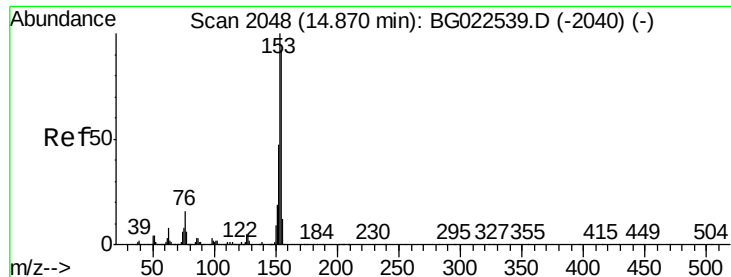
Ion Ratio Lower Upper

165 100

63 72.4 64.3 96.5

89 71.3 64.3 96.5





#51

Acenaphthene

Concen: 42.63 ng

RT: 14.86 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

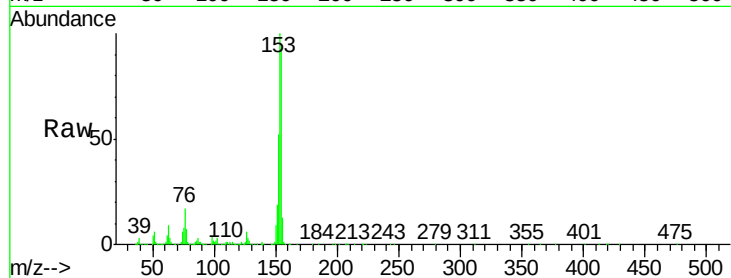
Tgt Ion:154 Resp: 1134755

Ion Ratio Lower Upper

154 100

153 107.1 87.5 131.3

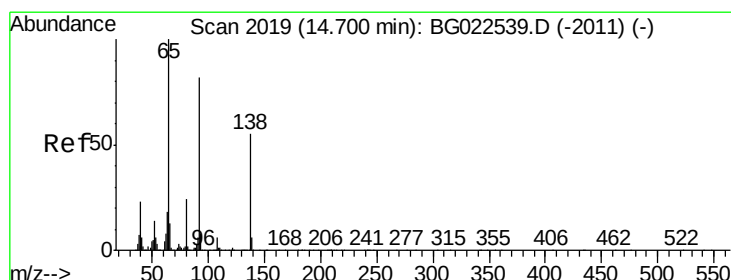
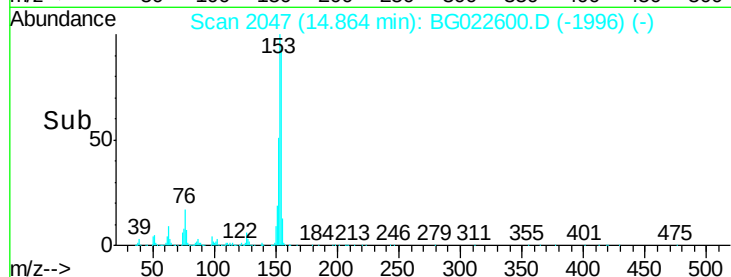
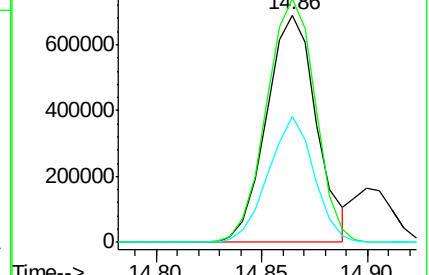
152 55.2 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.47 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

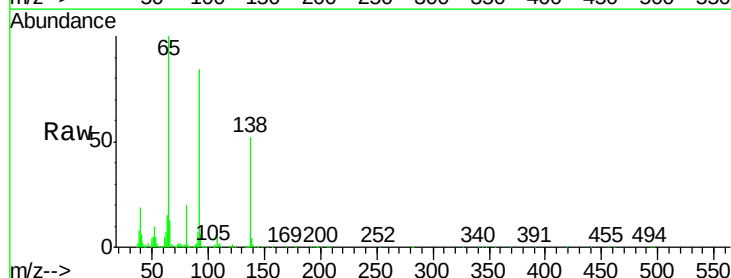
Tgt Ion:138 Resp: 284651

Ion Ratio Lower Upper

138 100

108 15.0 11.7 17.5

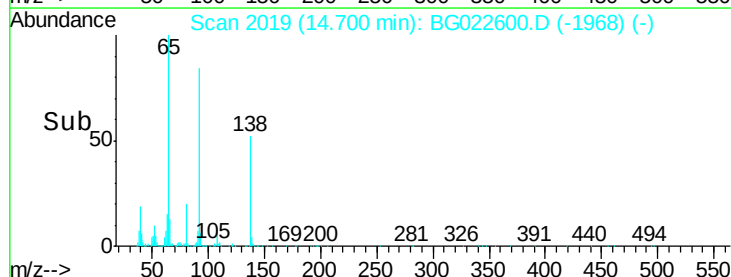
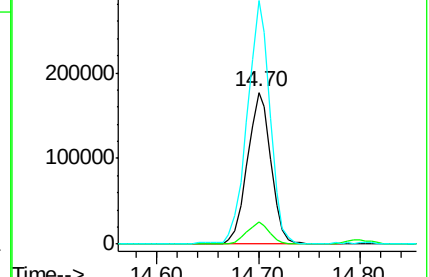
92 160.7 129.7 194.5

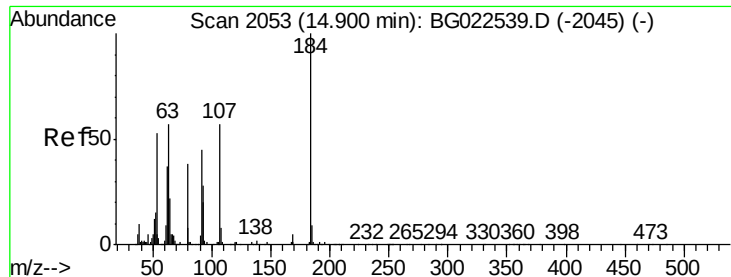


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 73.55 ng

RT: 14.90 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

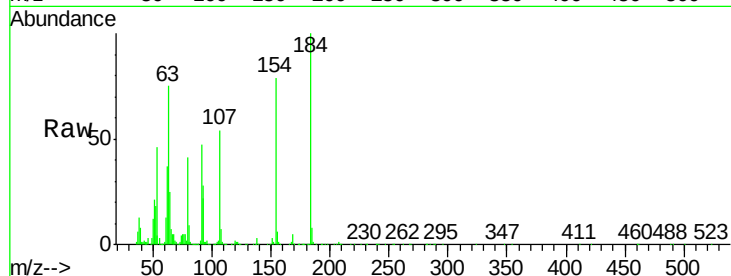
Tgt Ion:184 Resp: 324533

Ion Ratio Lower Upper

184 100

63 75.1 59.6 89.4

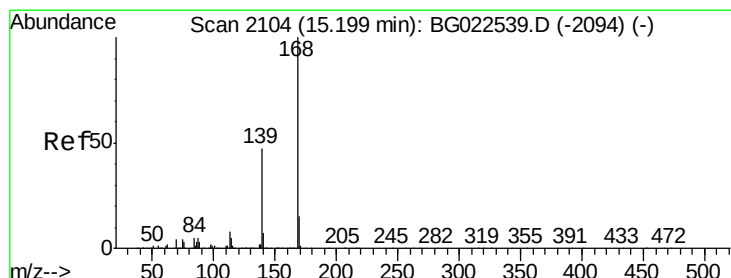
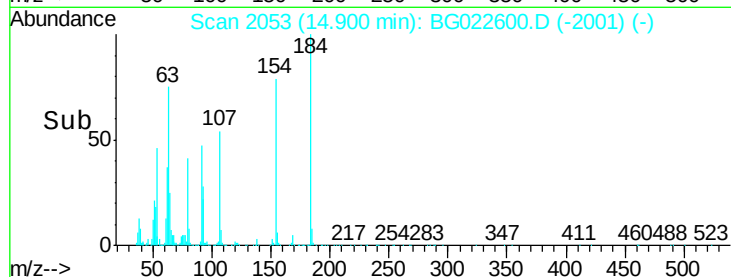
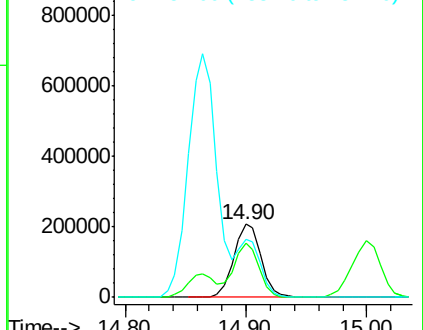
154 79.0 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG022600.D (-2001) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.09 ng

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

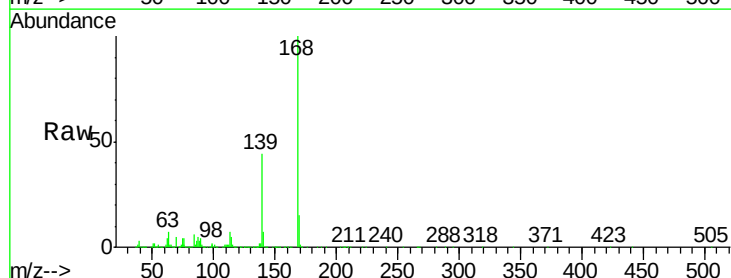
Tgt Ion:168 Resp: 1776862

Ion Ratio Lower Upper

168 100

139 44.1 36.4 54.6

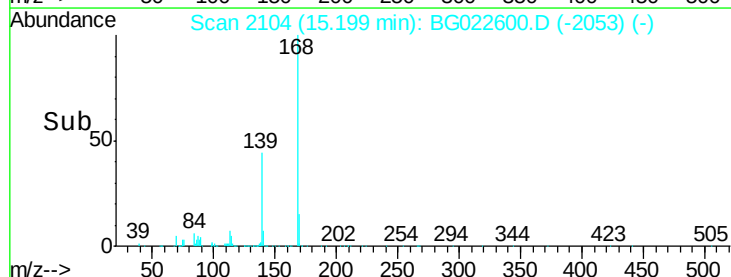
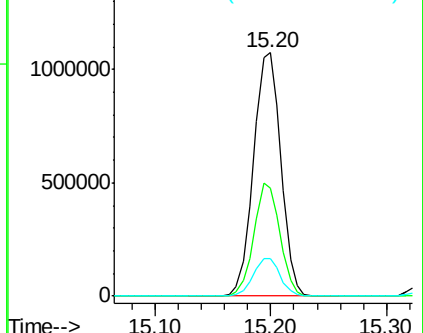
169 15.3 11.9 17.9

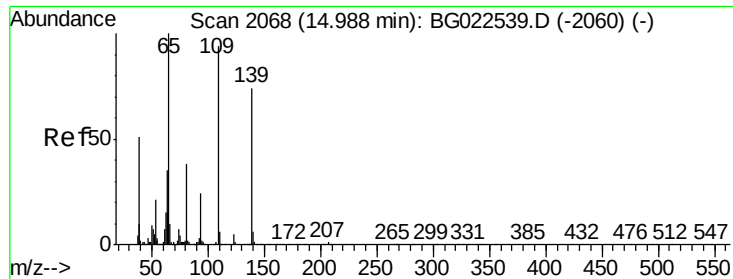


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

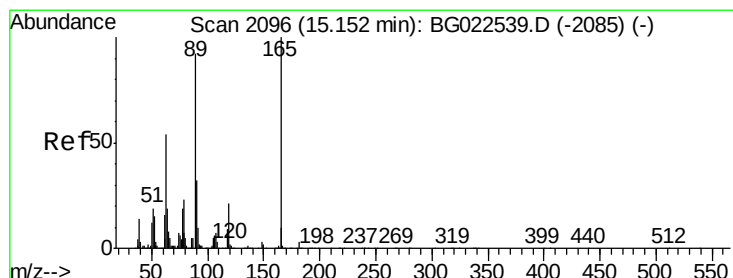
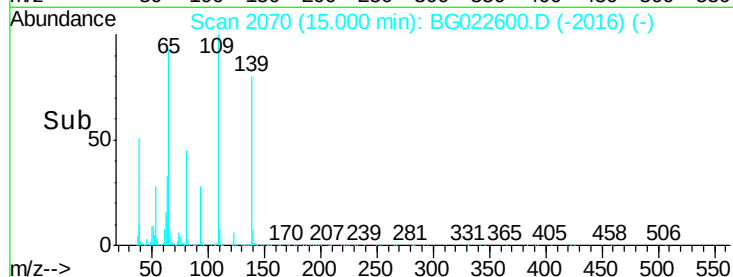
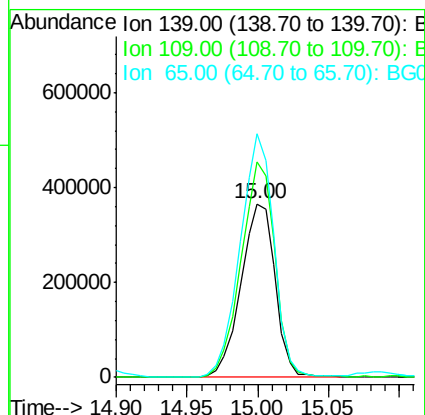
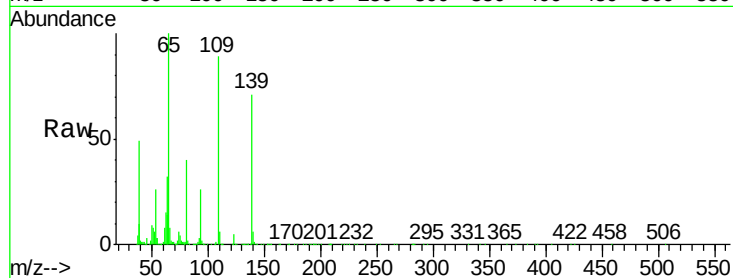




#55
4-Nitrophenol
Concen: 109.62 ng
RT: 15.00 min Scan# 2070
Delta R.T. 0.02 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

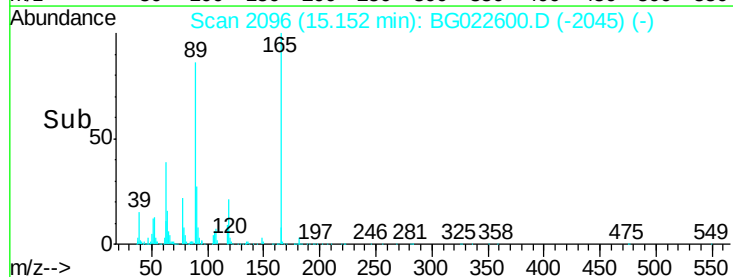
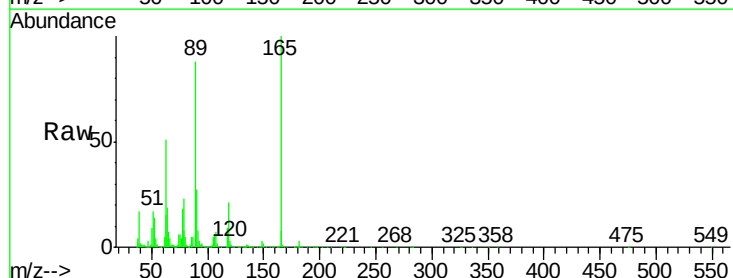
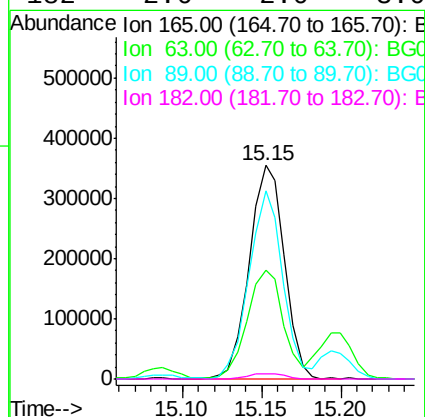
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

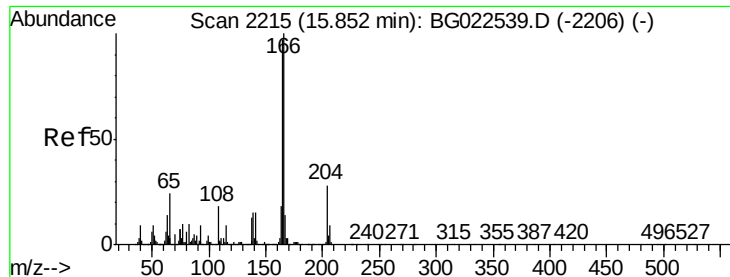
Tgt Ion:139 Resp: 621351
Ion Ratio Lower Upper
139 100
109 124.4 103.0 143.0
65 140.3 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 54.84 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion:165 Resp: 544181
Ion Ratio Lower Upper
165 100
63 51.0 45.8 68.6
89 88.1 68.6 102.8
182 2.6 2.0 3.0

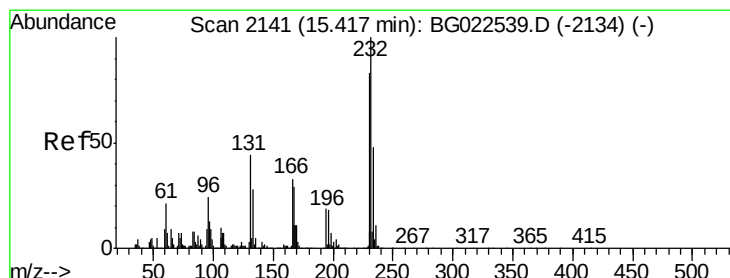
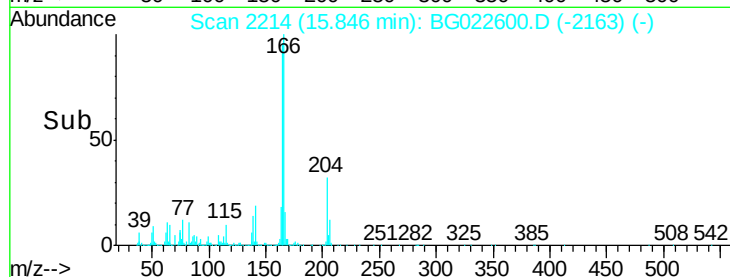
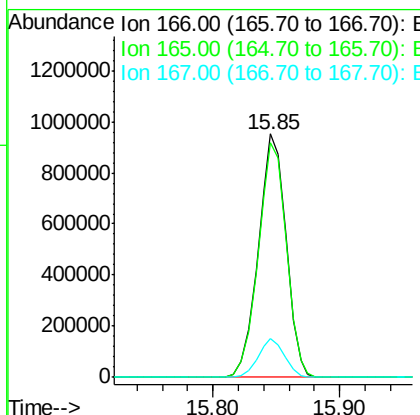
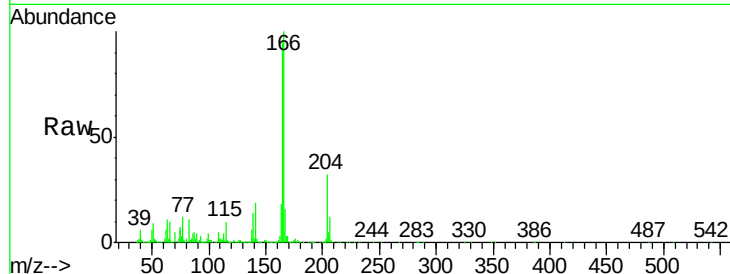




#57
 Fluorene
 Concen: 47.17 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

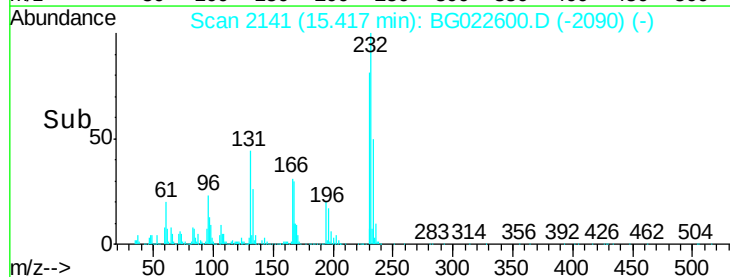
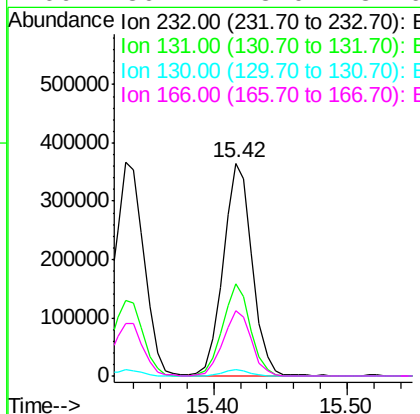
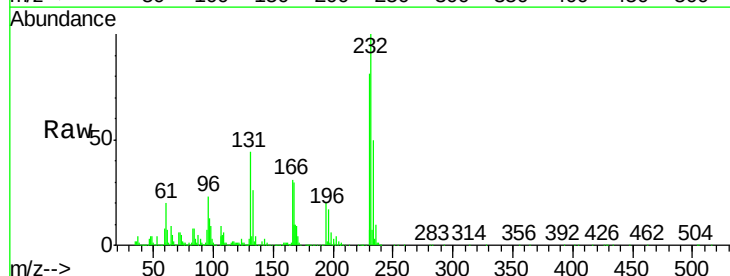
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

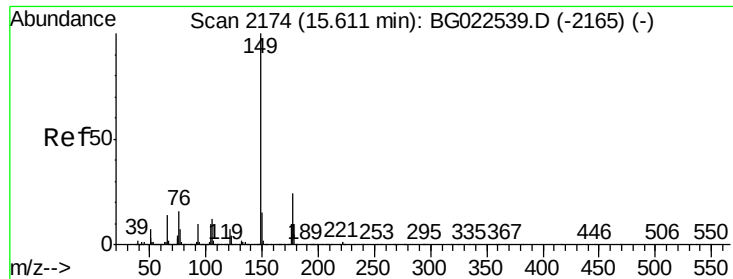
Tgt Ion:166 Resp: 1451152
 Ion Ratio Lower Upper
 166 100
 165 96.3 81.0 121.6
 167 15.8 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.88 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Tgt Ion:232 Resp: 551897
 Ion Ratio Lower Upper
 232 100
 131 41.8 32.7 49.1
 130 2.9 2.6 3.8
 166 30.1 23.0 34.6

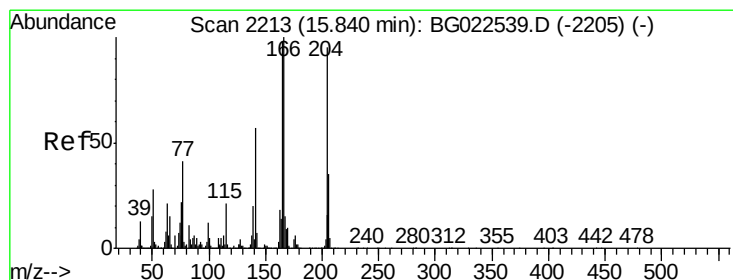
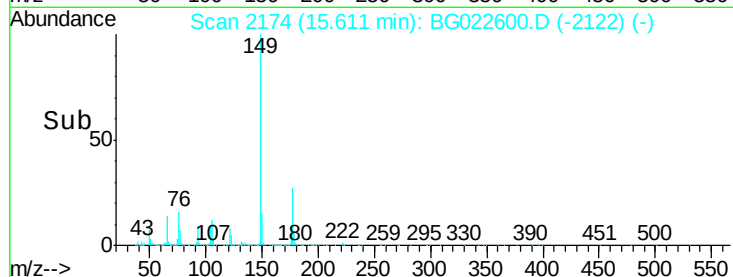
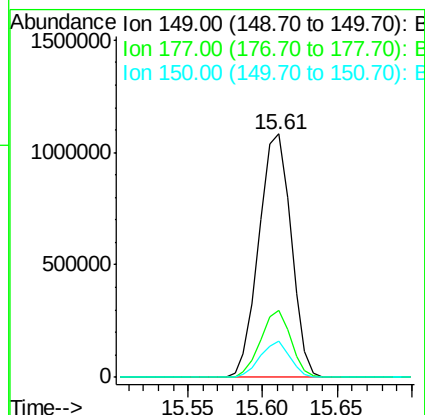
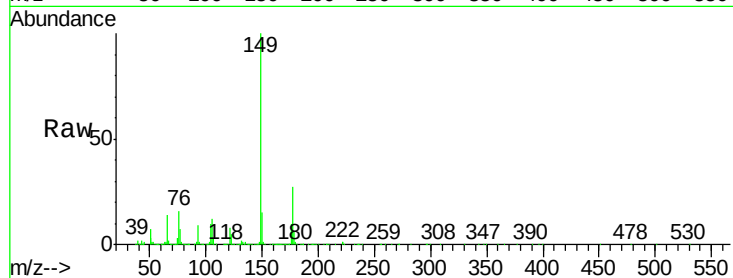




#59
Diethylphthalate
Concen: 47.77 ng
RT: 15.61 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

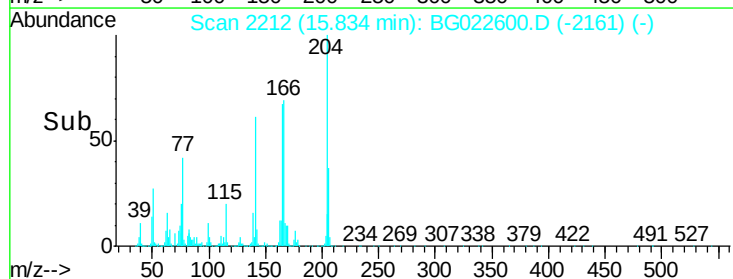
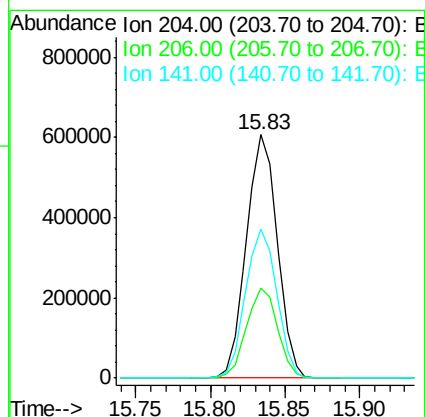
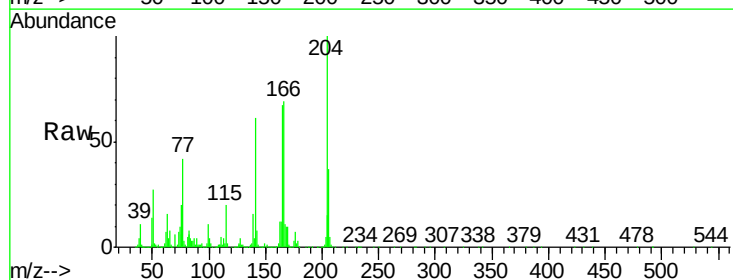
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

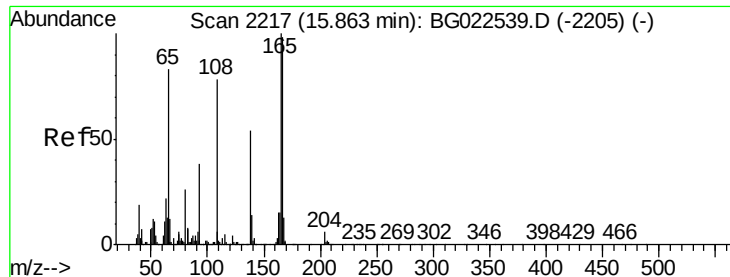
Tgt Ion:149 Resp: 1618954
Ion Ratio Lower Upper
149 100
177 27.3 19.2 28.8
150 15.1 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 47.44 ng
RT: 15.83 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion:204 Resp: 868952
Ion Ratio Lower Upper
204 100
206 37.2 28.5 42.7
141 61.0 51.4 77.0

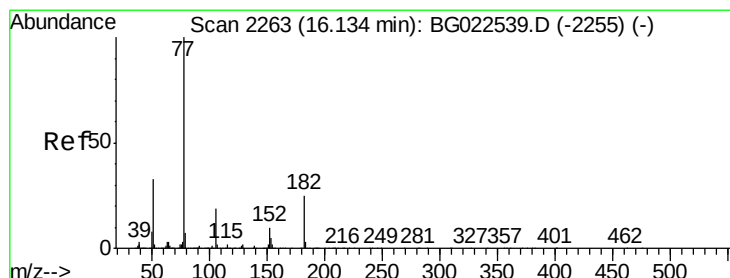
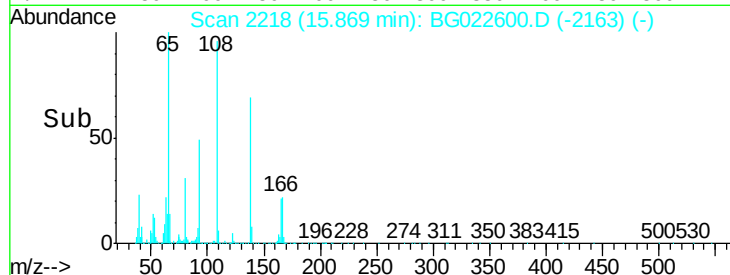
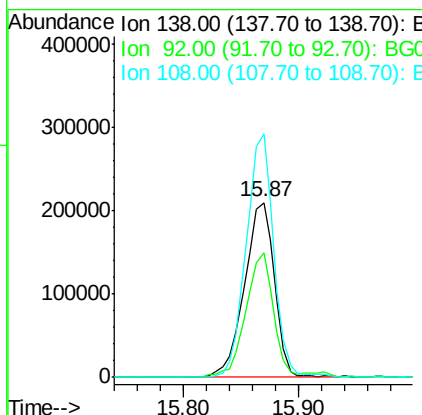
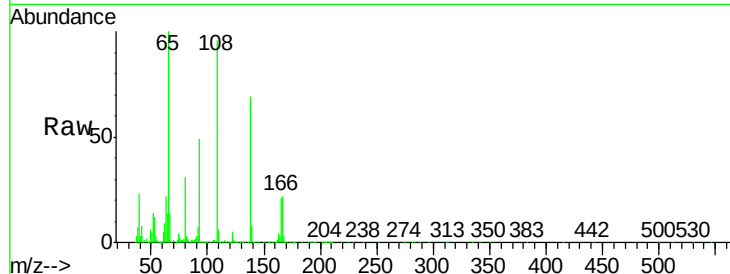




#61
4-Nitroaniline
Concen: 54.81 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

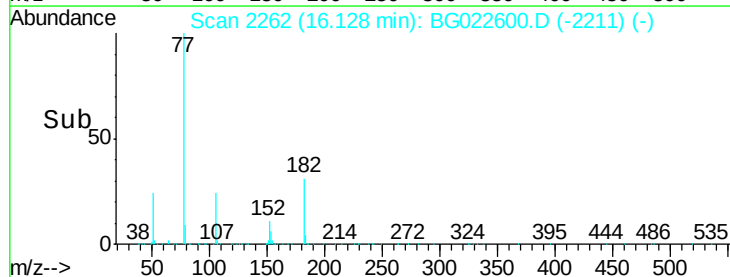
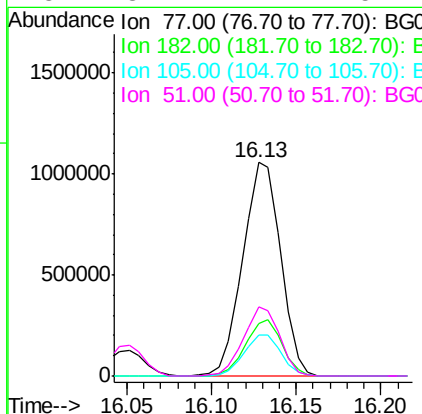
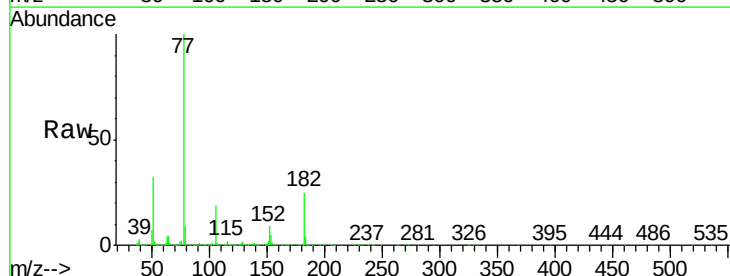
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

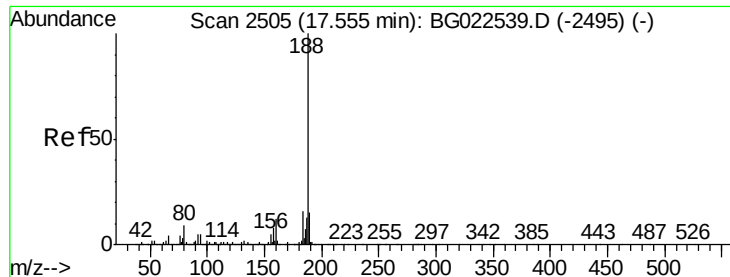
Tgt Ion: 138 Resp: 379118
Ion Ratio Lower Upper
138 100
92 71.4 54.1 94.1
108 139.2 133.9 173.9



#62
Azobenzene
Concen: 44.82 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion: 77 Resp: 1645165
Ion Ratio Lower Upper
77 100
182 24.7 3.5 43.5
105 19.1 0.0 38.5
51 32.1 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

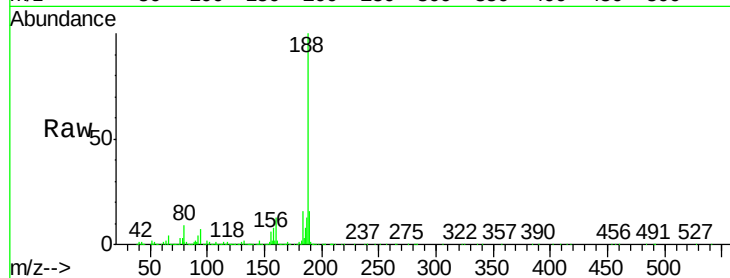
Tgt Ion:188 Resp: 1072909

Ion Ratio Lower Upper

188 100

94 6.6 5.2 7.8

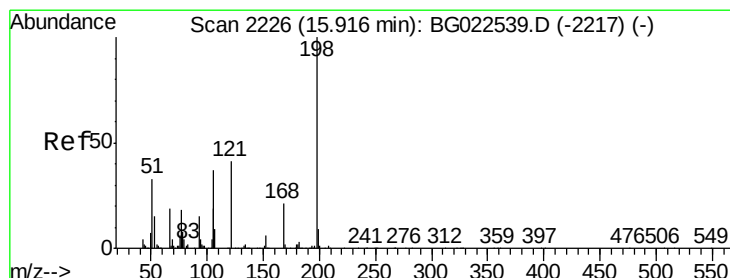
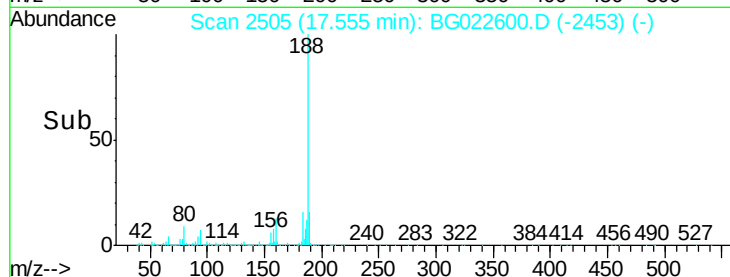
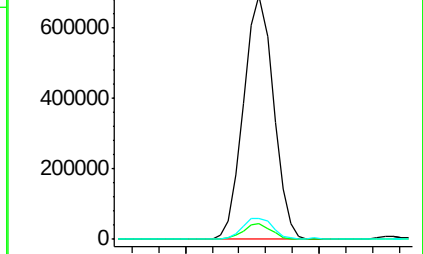
80 8.8 7.2 10.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 48.42 ng

RT: 15.92 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

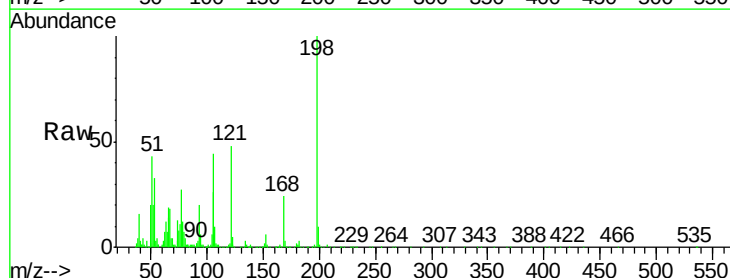
Tgt Ion:198 Resp: 348442

Ion Ratio Lower Upper

198 100

51 43.1 26.0 66.0

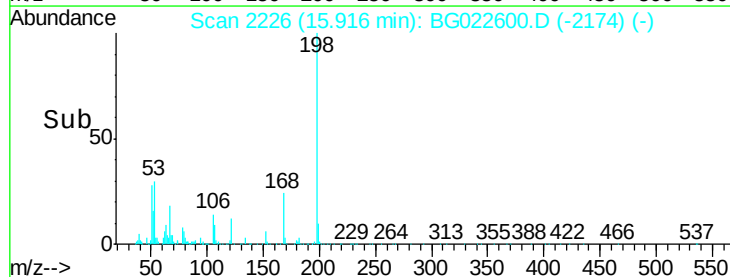
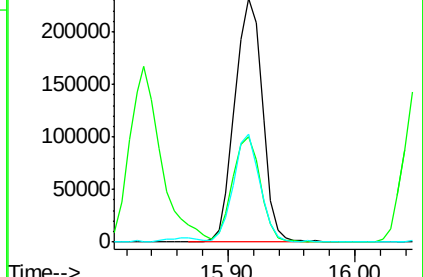
105 44.4 20.1 60.1

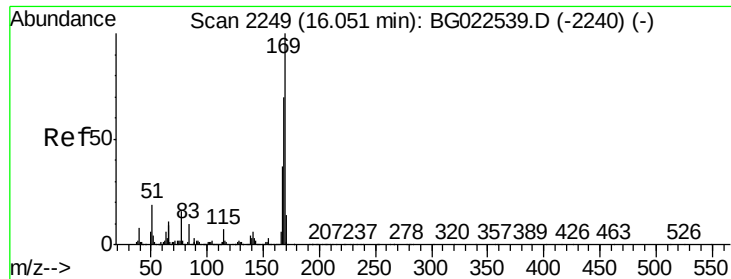


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

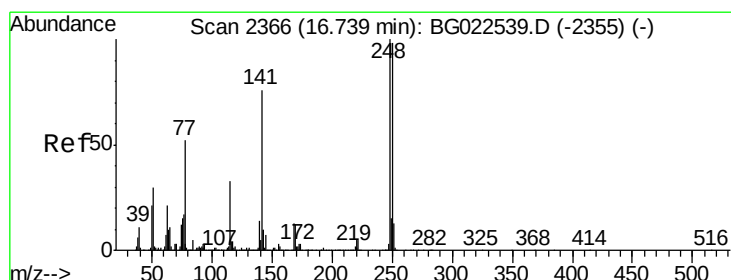
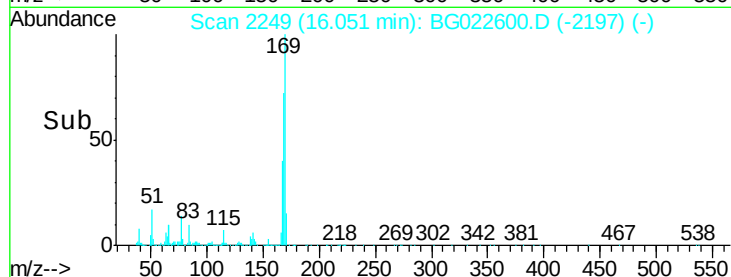
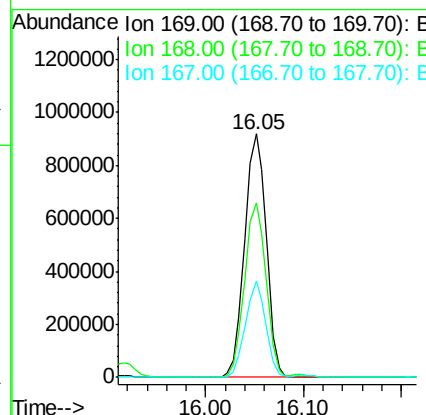
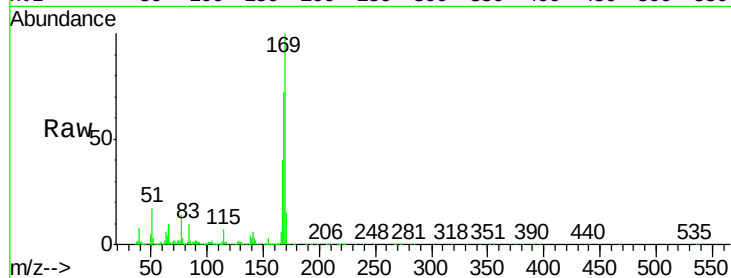




#65
n-Nitrosodiphenylamine
Concen: 45.24 ng
RT: 16.05 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

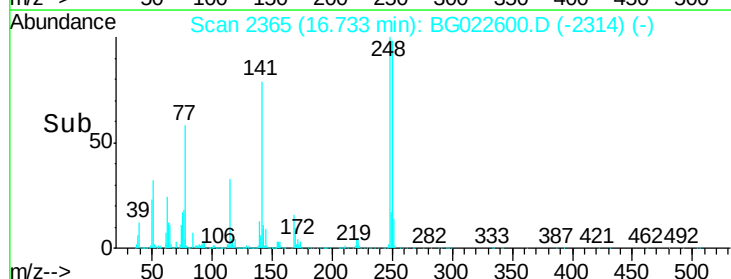
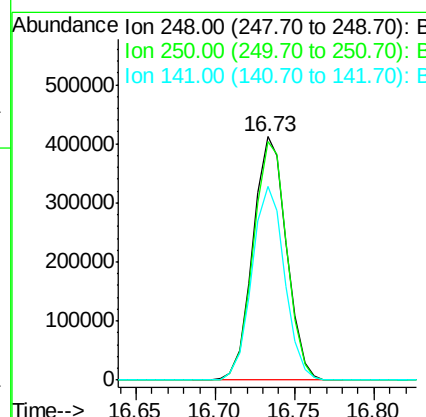
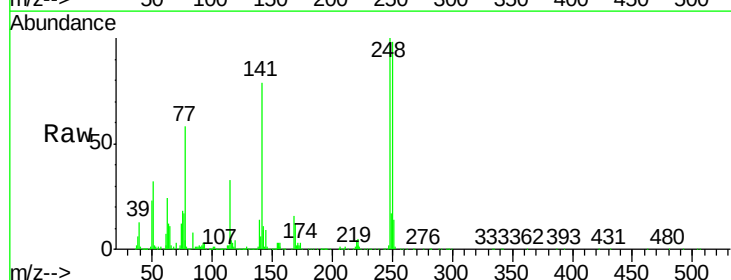
Instrument :
BNA_G
ClientSampleId :
TP-7MSD

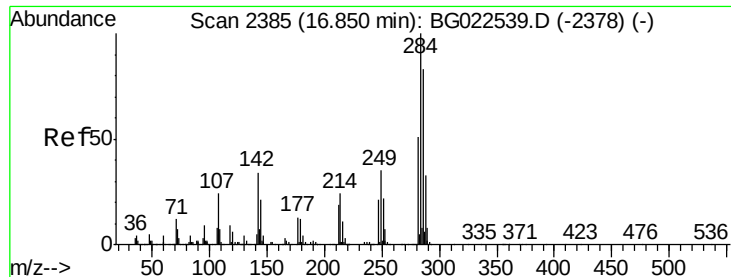
Tgt Ion:169 Resp: 1412615
Ion Ratio Lower Upper
169 100
168 71.7 55.0 82.4
167 39.8 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 43.45 ng
RT: 16.73 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG022600.D
Acq: 26 Jun 2016 8:05

Tgt Ion:248 Resp: 604723
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 79.4 65.7 98.5





#67

Hexachlorobenzene

Concen: 44.44 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

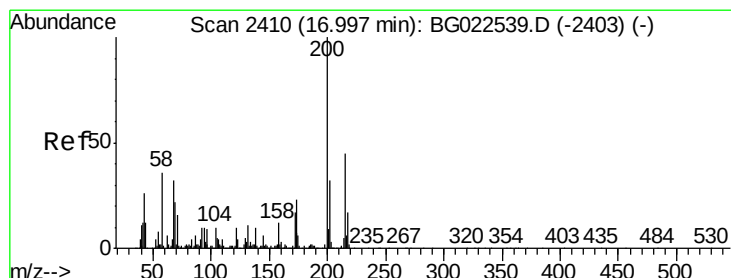
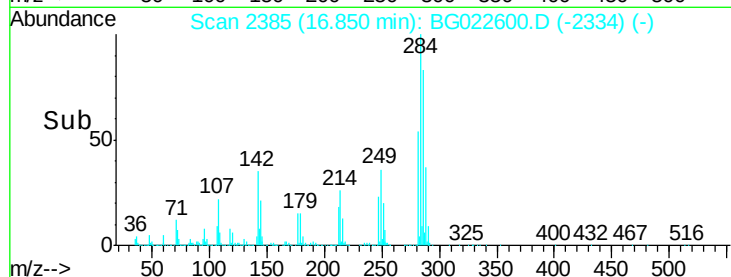
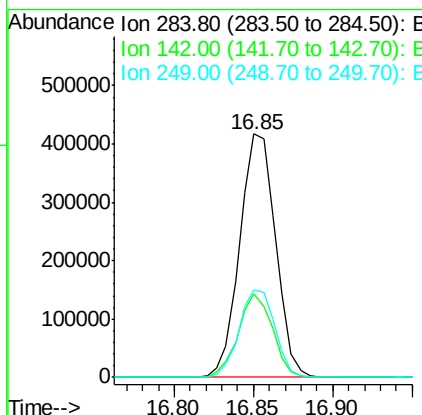
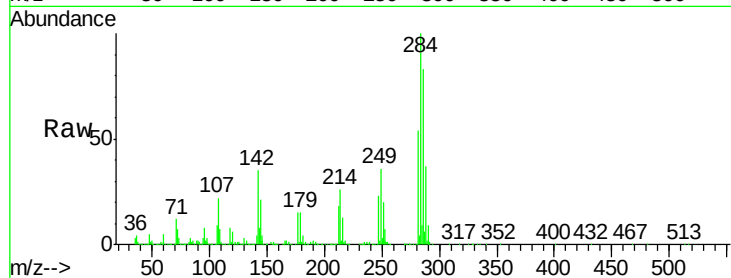
Instrument :

BNA_G

ClientSampled :

TP-7MSD

Tgt Ion:	284	Resp:	654027
Ion Ratio	Lower	Upper	
284	100		
142	34.6	26.8	40.2
249	35.8	28.9	43.3



#68

Atrazine

Concen: 48.21 ng

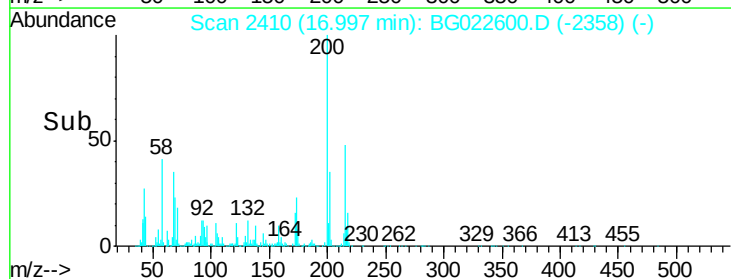
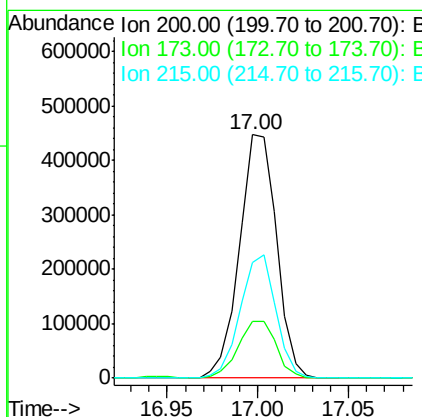
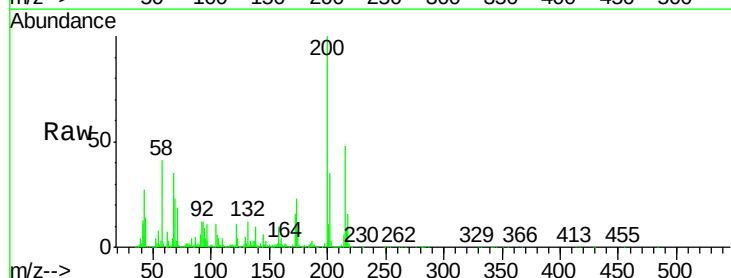
RT: 17.00 min Scan# 2410

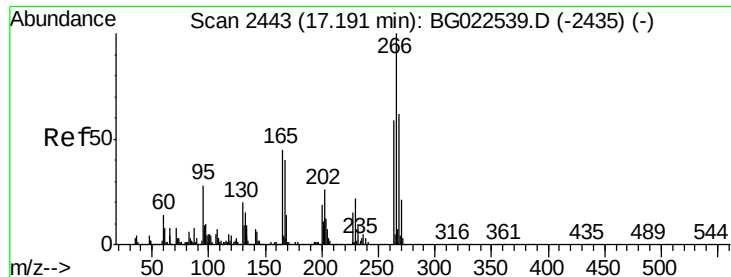
Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Tgt Ion:	200	Resp:	635547
Ion Ratio	Lower	Upper	
200	100		
173	23.2	1.6	41.6
215	47.6	28.7	68.7





#69

Pentachlorophenol

Concen: 94.48 ng

RT: 17.20 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

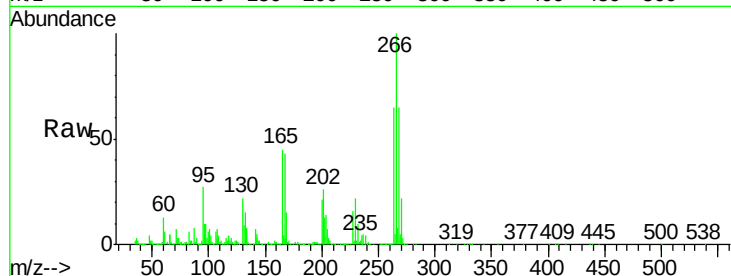
Tgt Ion:266 Resp: 956946

Ion Ratio Lower Upper

266 100

268 65.2 51.9 77.9

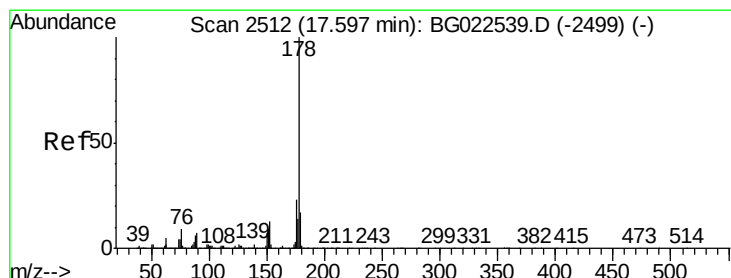
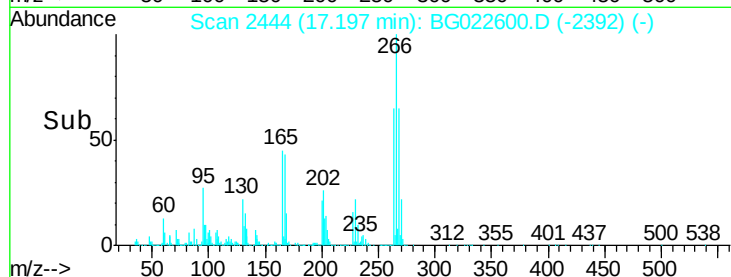
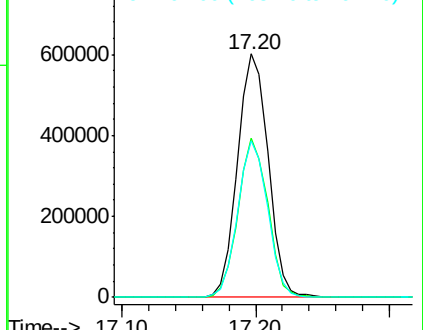
264 64.5 50.6 75.8



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



#70

Phenanthrene

Concen: 43.03 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

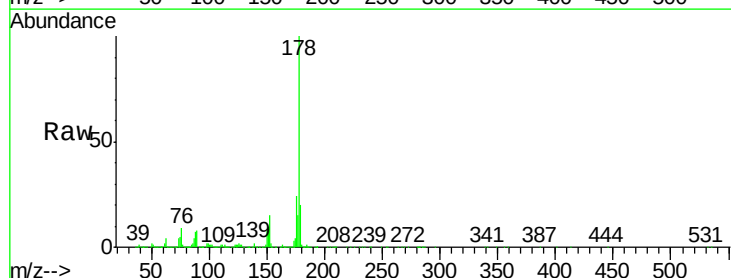
Tgt Ion:178 Resp: 2354501

Ion Ratio Lower Upper

178 100

176 23.7 16.8 25.2

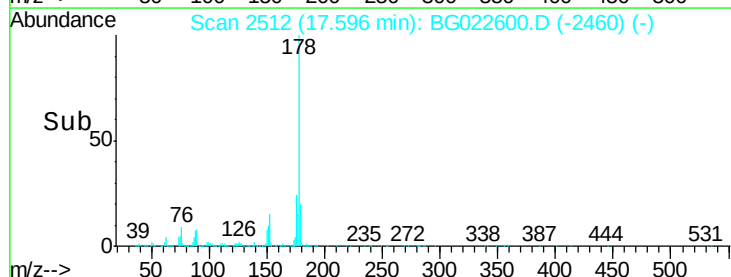
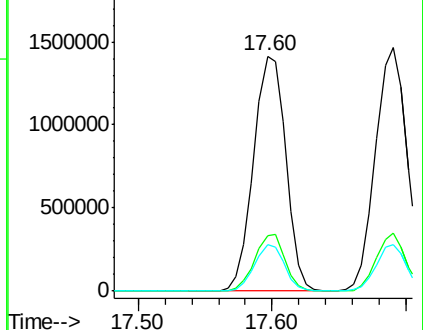
179 20.1 14.3 21.5

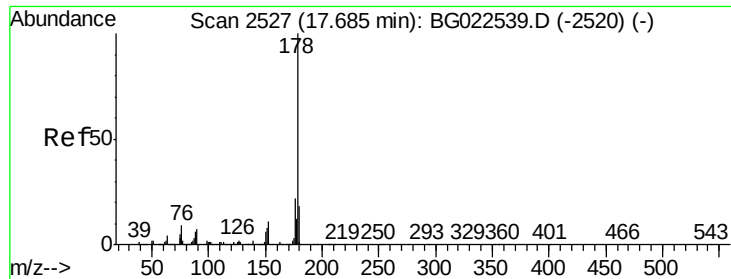


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

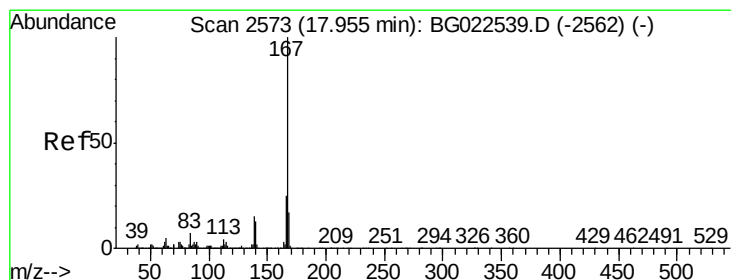
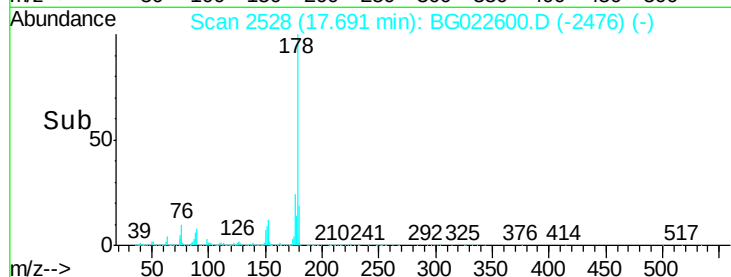
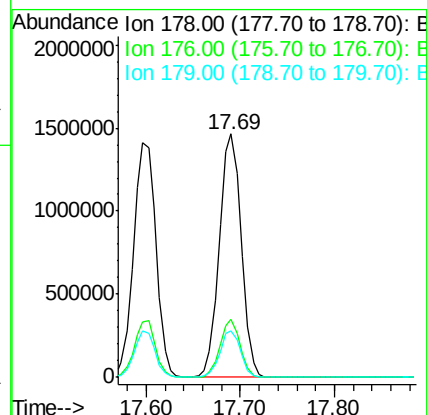
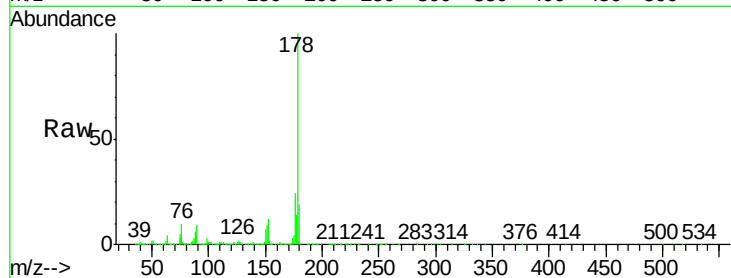




#71
 Anthracene
 Concen: 42.49 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

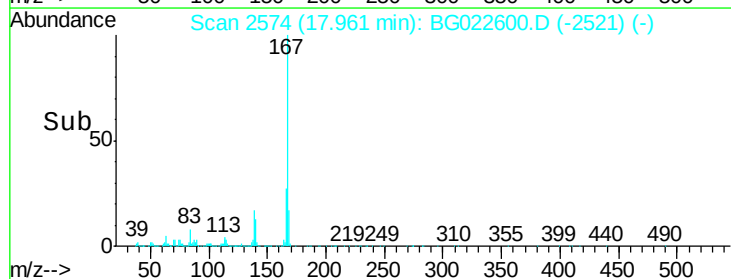
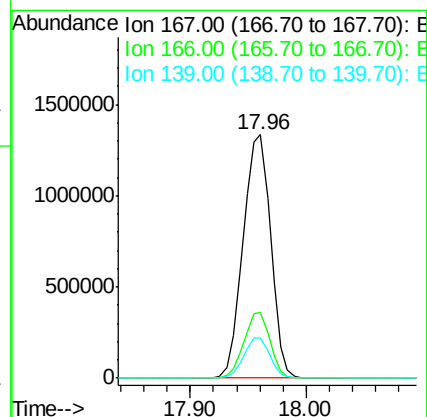
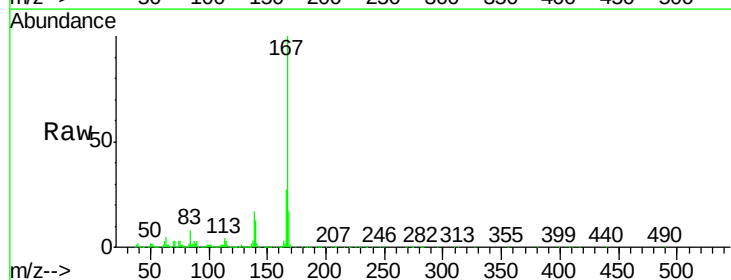
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

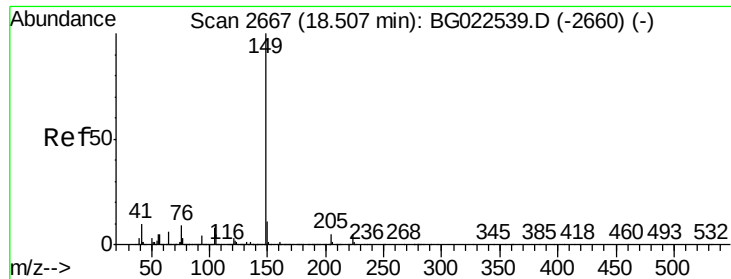
Tgt Ion:178 Resp: 2392955
 Ion Ratio Lower Upper
 178 100
 176 23.9 17.3 25.9
 179 19.3 14.0 21.0



#72
 Carbazole
 Concen: 46.28 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.01 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Tgt Ion:167 Resp: 2208967
 Ion Ratio Lower Upper
 167 100
 166 26.8 20.7 31.1
 139 16.7 11.9 17.9





#73

Di-n-butylphthalate

Concen: 44.64 ng

RT: 18.51 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

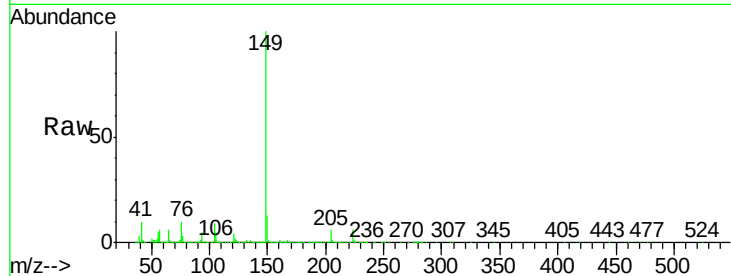
Tgt Ion:149 Resp: 2481569

Ion Ratio Lower Upper

149 100

150 12.6 9.1 13.7

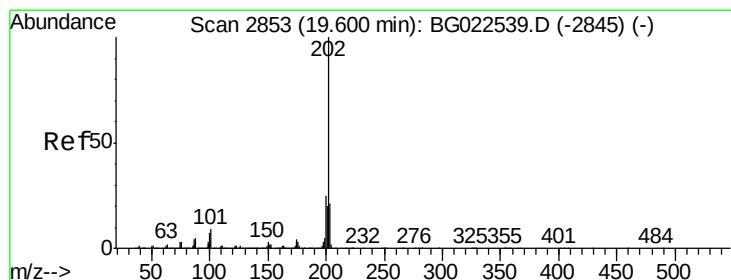
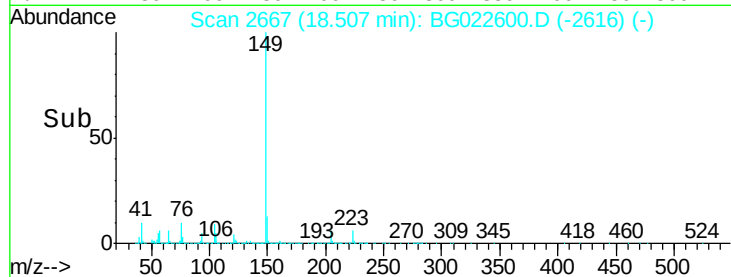
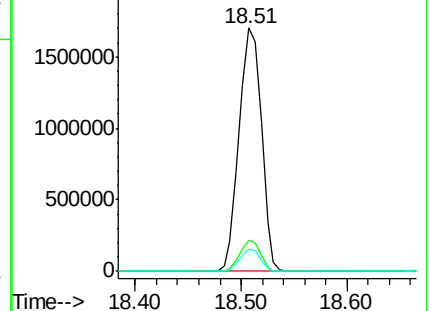
104 9.0 6.9 10.3



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



#74

Fluoranthene

Concen: 44.08 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

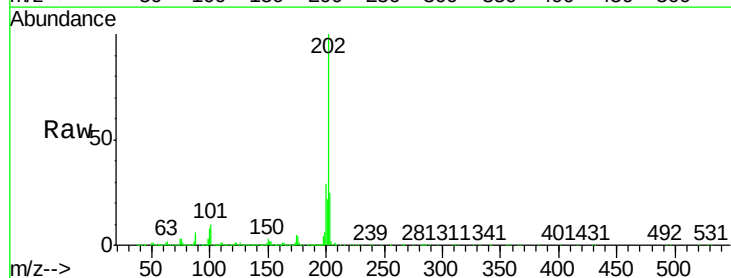
Tgt Ion:202 Resp: 2778380

Ion Ratio Lower Upper

202 100

101 9.7 0.0 27.4

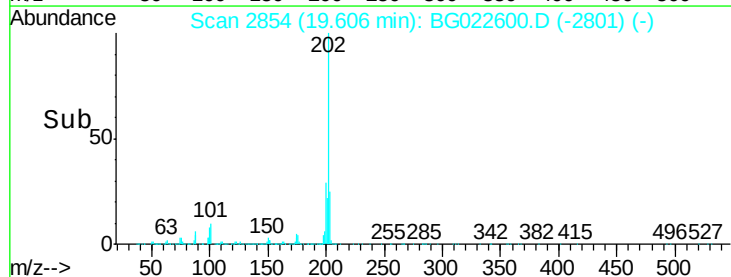
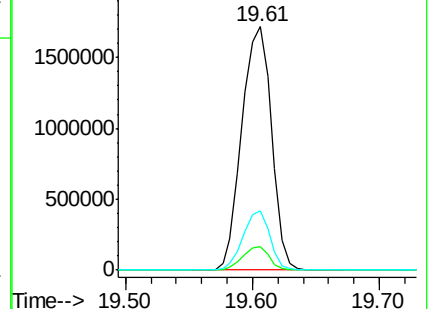
203 24.5 1.7 41.7

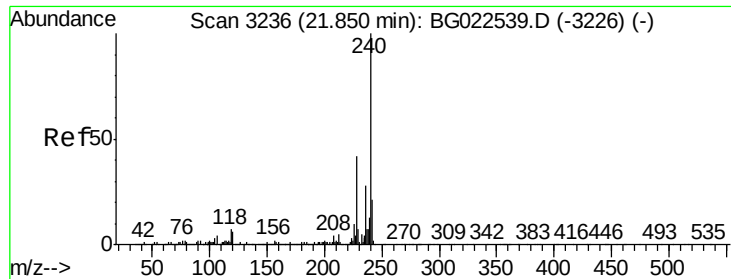


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

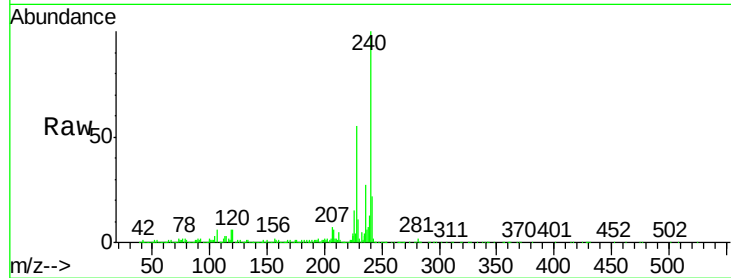
Tgt Ion:240 Resp: 1185865

Ion Ratio Lower Upper

240 100

120 6.1 4.1 6.1

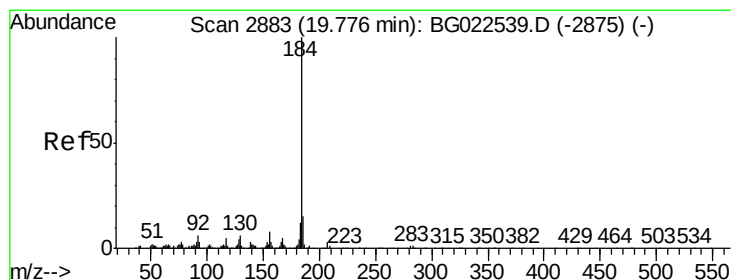
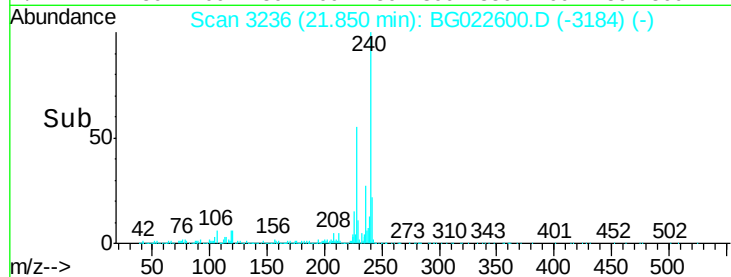
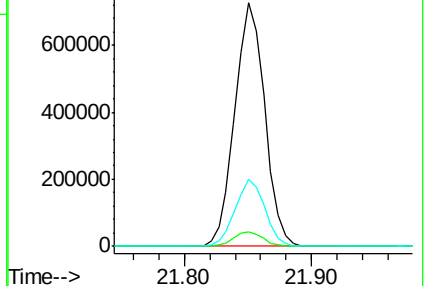
236 27.3 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 129.05 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

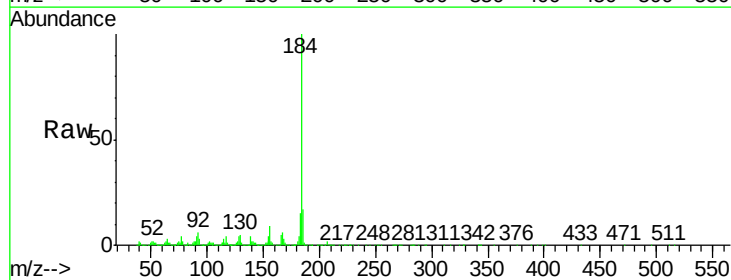
Tgt Ion:184 Resp: 1629287

Ion Ratio Lower Upper

184 100

185 16.8 12.6 19.0

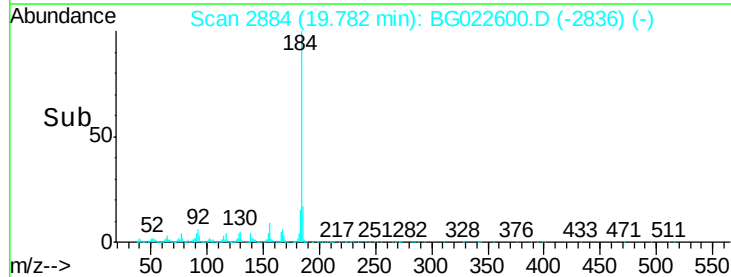
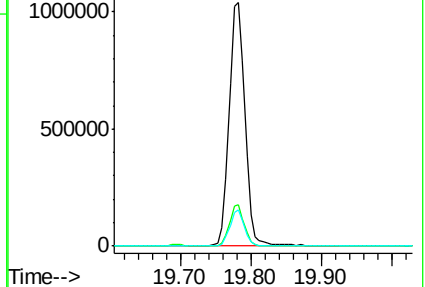
183 14.9 10.7 16.1

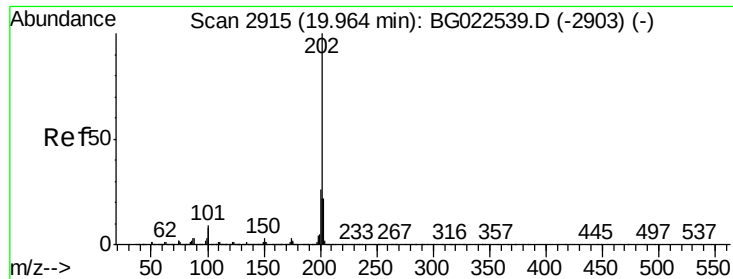


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.66 ng

RT: 19.96 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

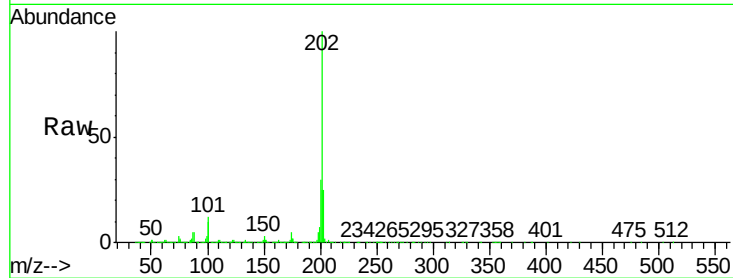
Tgt Ion:202 Resp: 2757915

Ion Ratio Lower Upper

202 100

200 30.3 21.2 31.8

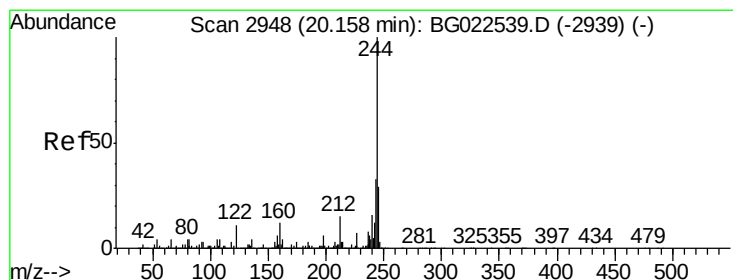
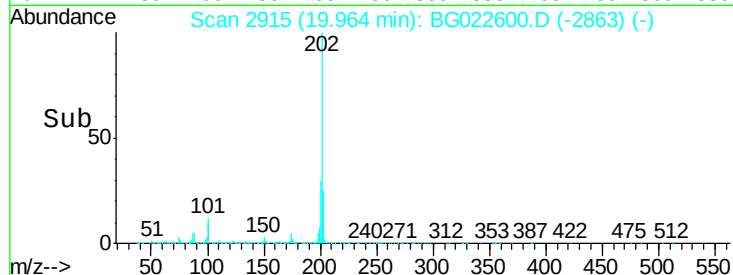
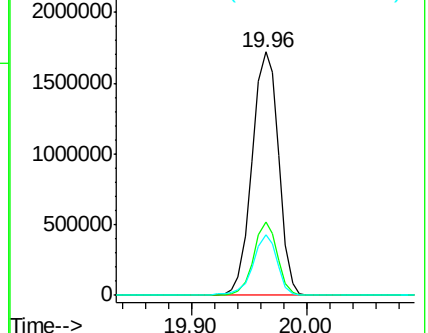
203 24.7 16.8 25.2



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



#78

Terphenyl-d14

Concen: 75.20 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

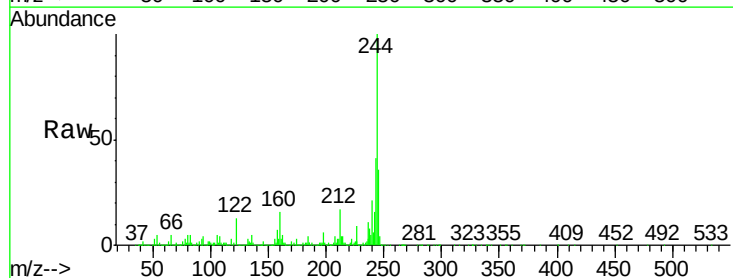
Tgt Ion:244 Resp: 3366091

Ion Ratio Lower Upper

244 100

212 17.2 10.8 16.2#

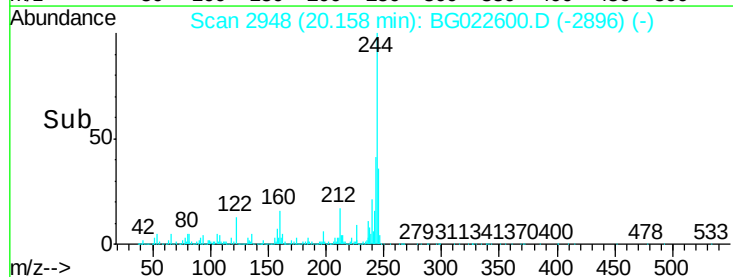
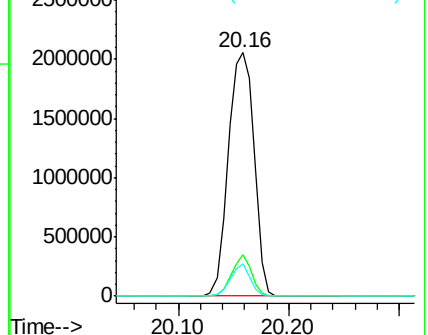
122 13.3 8.0 12.0#

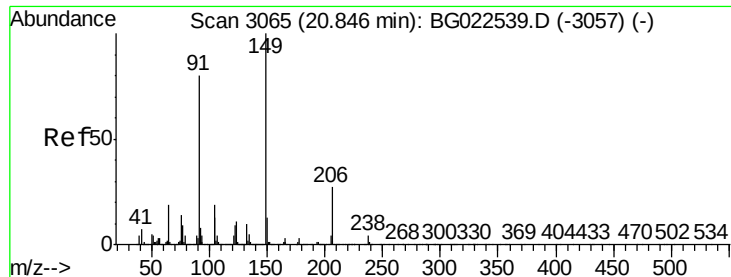


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.70 ng

RT: 20.84 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

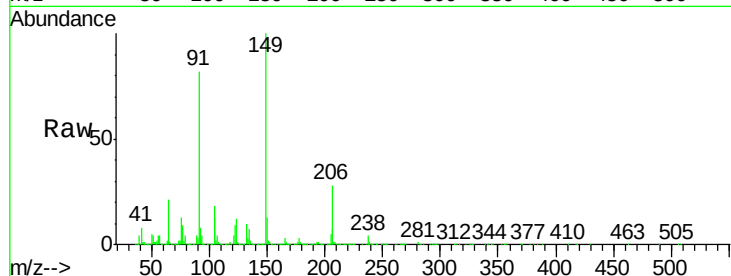
Tgt Ion:149 Resp: 1276898

Ion Ratio Lower Upper

149 100

91 81.9 68.1 102.1

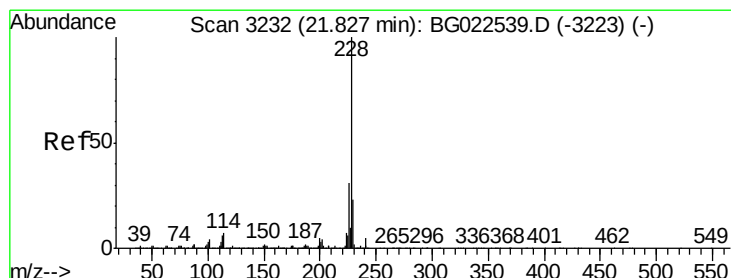
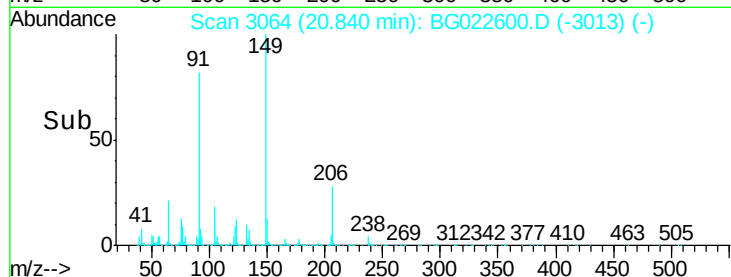
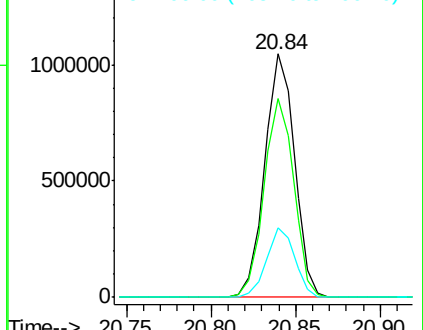
206 28.4 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG022600.D (-3013) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.62 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

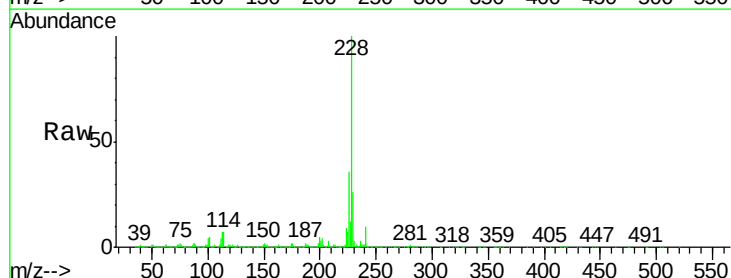
Tgt Ion:228 Resp: 2928187

Ion Ratio Lower Upper

228 100

226 35.6 25.3 37.9

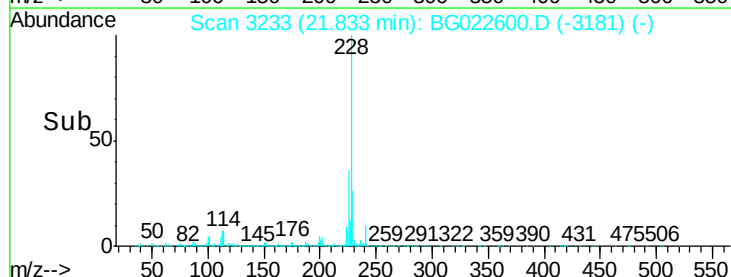
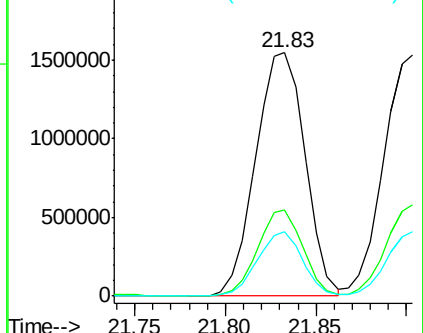
229 26.4 19.9 29.9

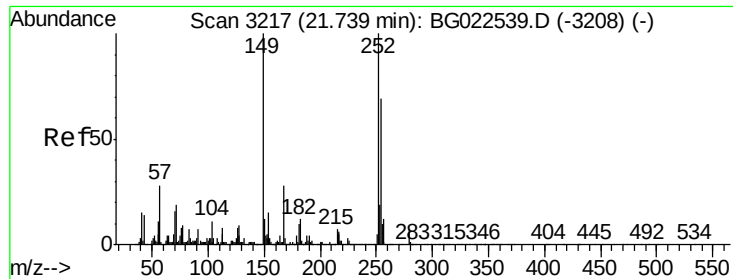


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

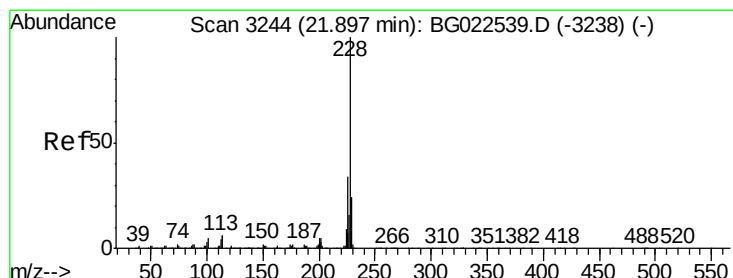
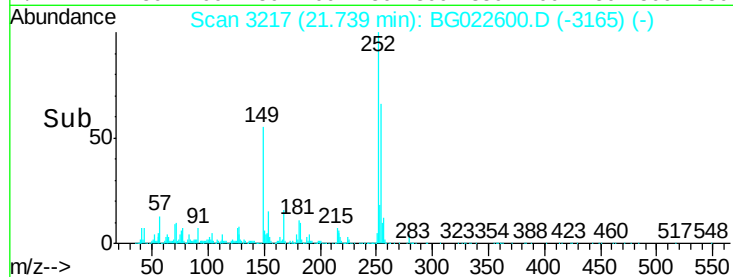
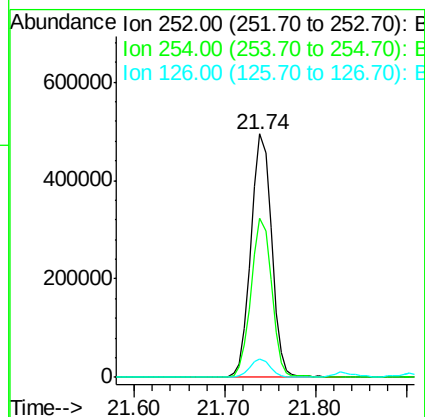
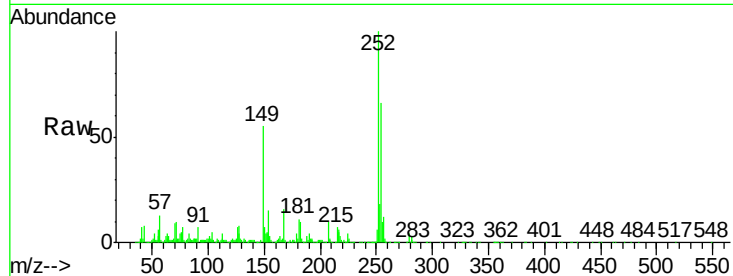




#81
 3,3'-Dichlorobenzidine
 Concen: 28.95 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

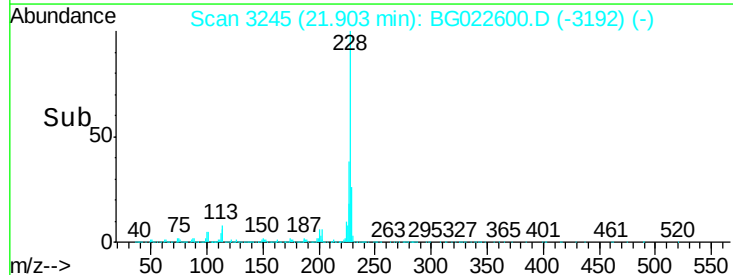
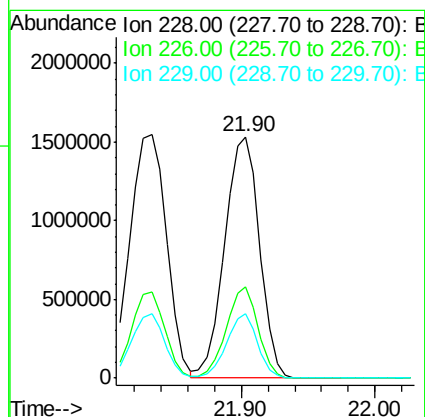
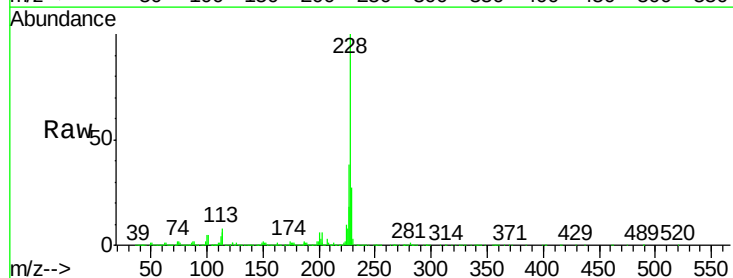
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

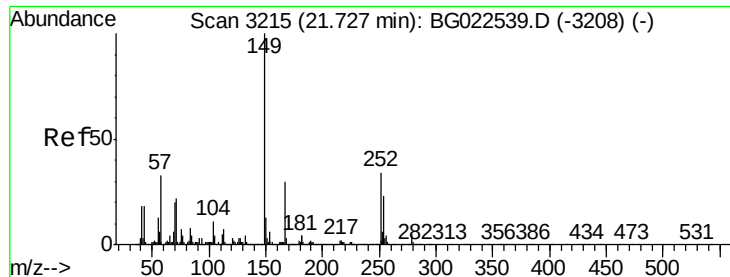
Tgt Ion: 252 Resp: 784576
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.2 76.8
 126 7.4 5.3 7.9



#82
 Chrysene
 Concen: 45.26 ng
 RT: 21.90 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Tgt Ion: 228 Resp: 2791094
 Ion Ratio Lower Upper
 228 100
 226 37.9 26.7 40.1
 229 26.5 17.4 26.2#

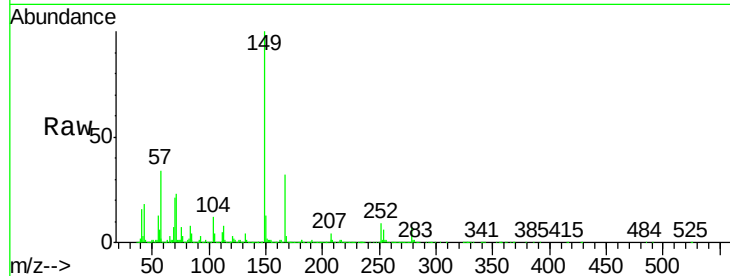




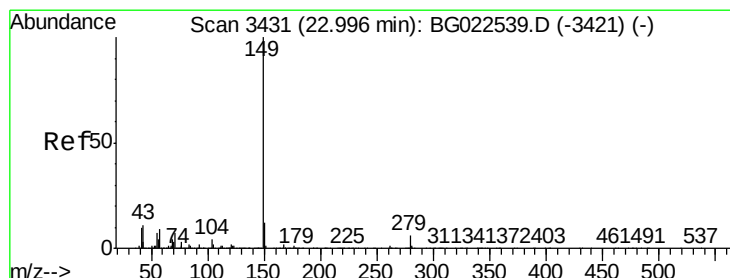
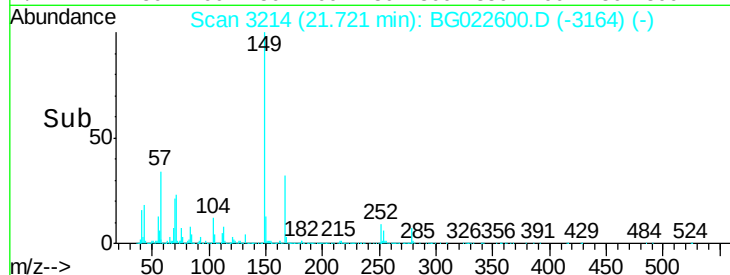
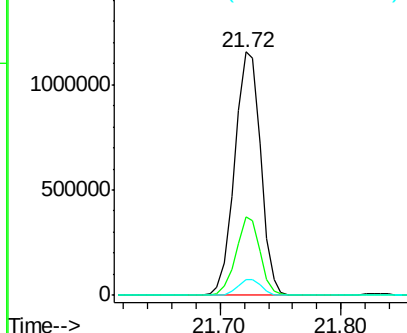
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.92 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

Tgt Ion:149 Resp: 1729149
 Ion Ratio Lower Upper
 149 100
 167 32.2 24.0 36.0
 279 6.6 4.8 7.2

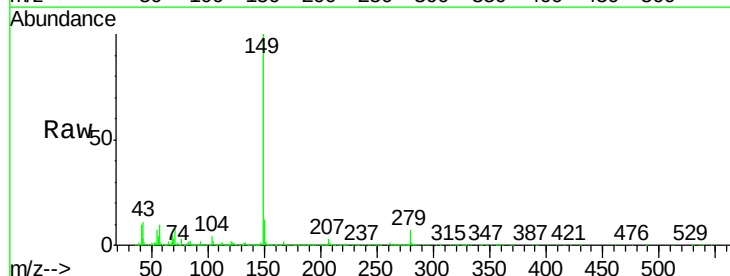


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

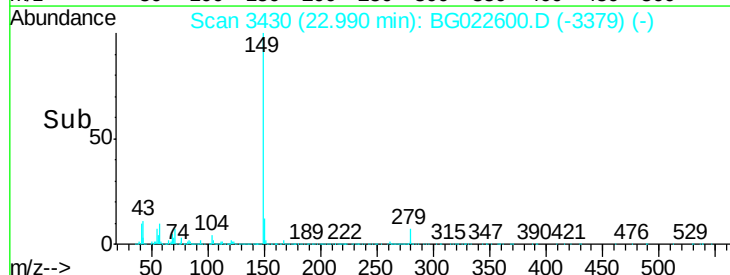
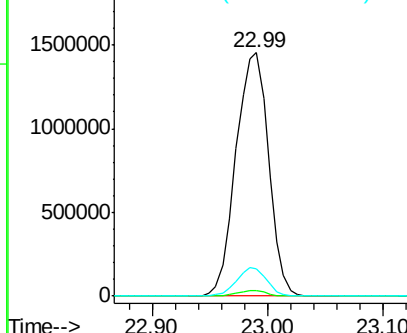


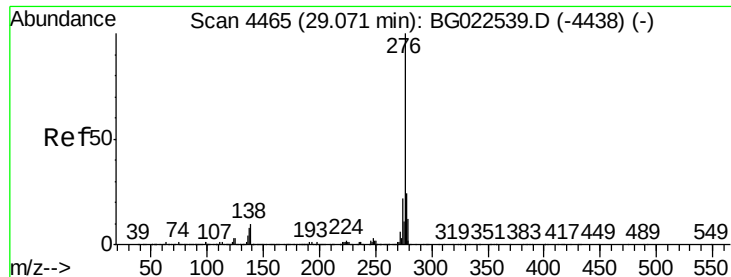
#84
 Di-n-octyl phthalate
 Concen: 44.78 ng
 RT: 22.99 min Scan# 3430
 Delta R.T. -0.00 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Tgt Ion:149 Resp: 2841768
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.5 2.3
 43 10.7 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.80 ng

RT: 29.07 min Scan# 4464

Delta R.T. 0.02 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

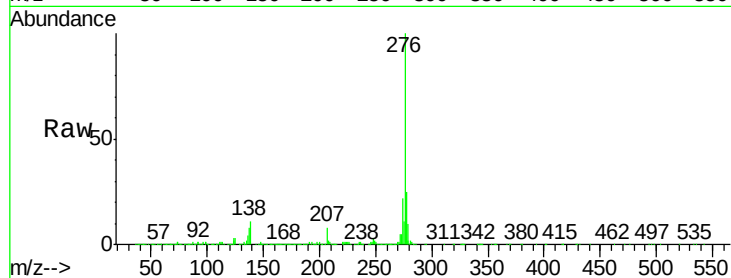
Tgt Ion:276 Resp: 3711073

Ion Ratio Lower Upper

276 100

138 8.3 0.0 0.0#

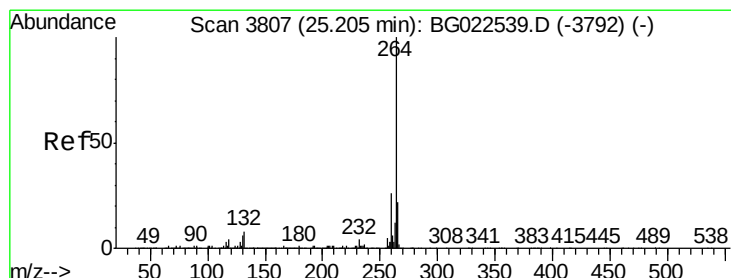
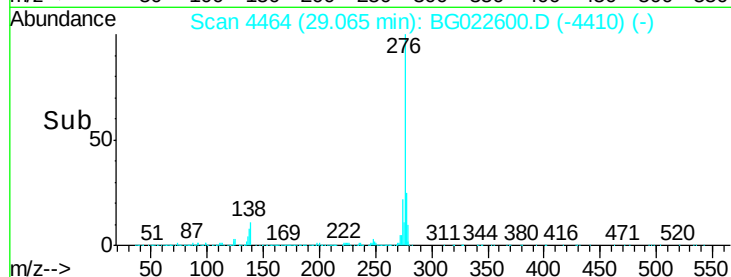
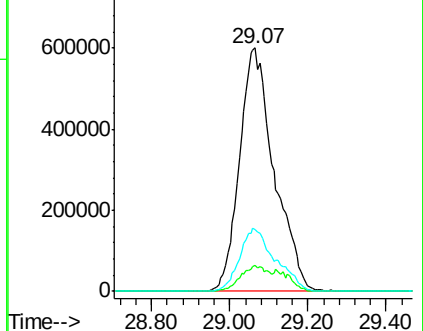
277 26.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.00 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

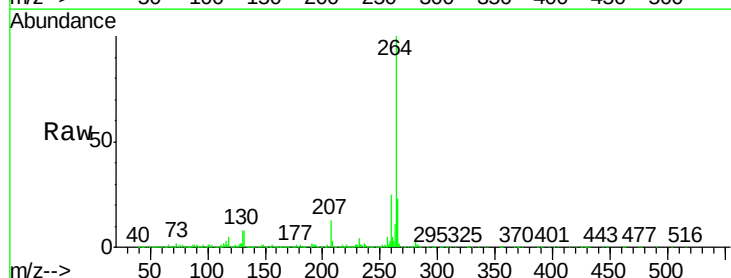
Tgt Ion:264 Resp: 1227680

Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

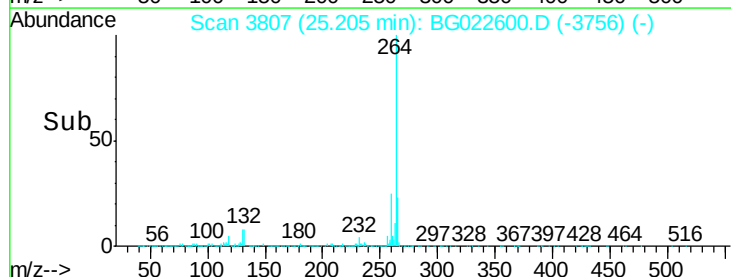
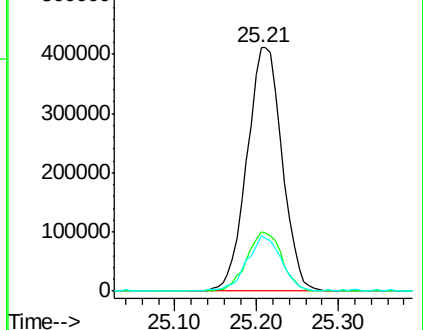
265 23.0 18.9 28.3

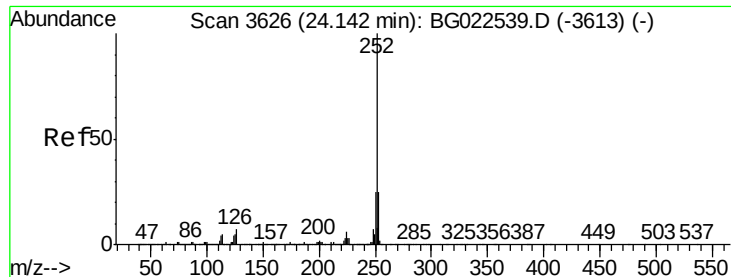


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.93 ng

RT: 24.14 min Scan# 3626

Delta R.T. 0.01 min

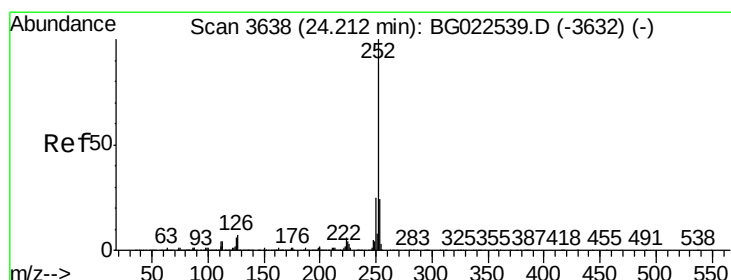
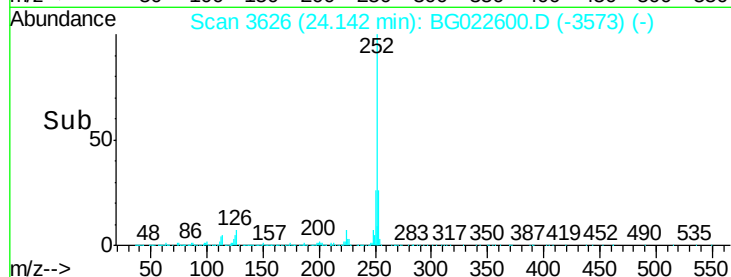
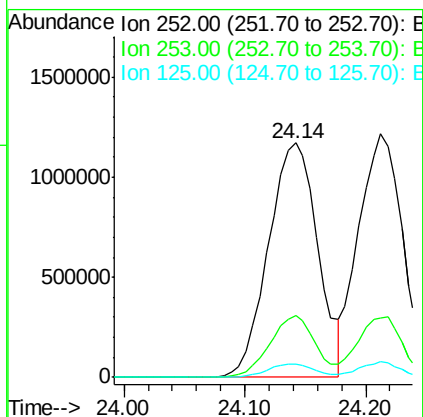
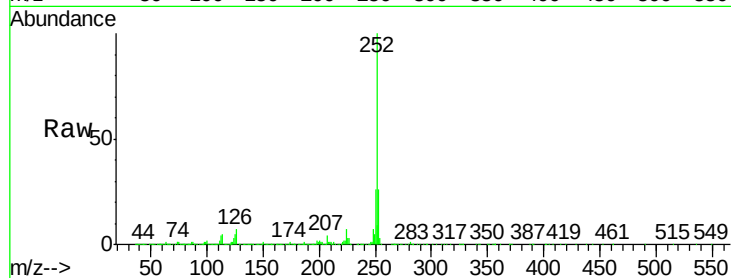
Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :
BNA_G
ClientSampleId :
TP-7MSD

Tgt Ion:252 Resp: 3316664

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.9	28.3
125	5.4	3.9	5.9



#88

Benzo(k)fluoranthene

Concen: 43.87 ng

RT: 24.21 min Scan# 3638

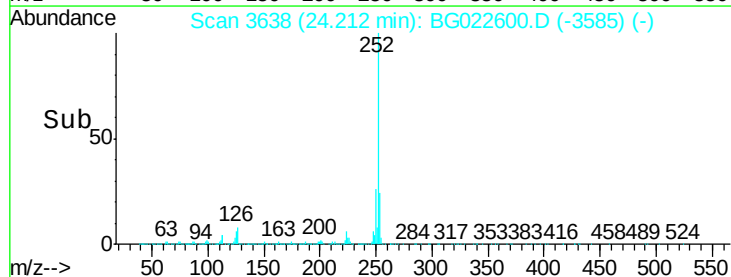
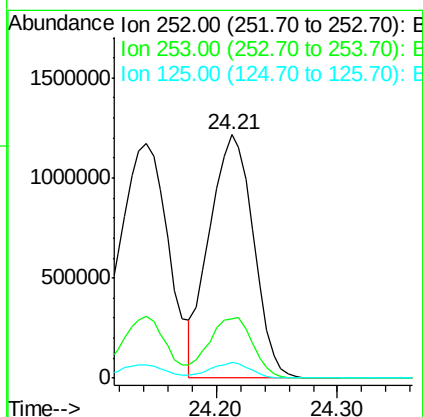
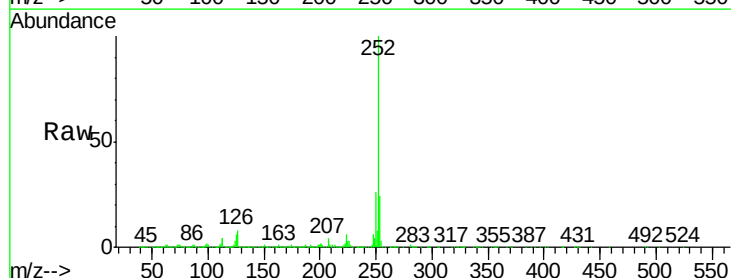
Delta R.T. 0.01 min

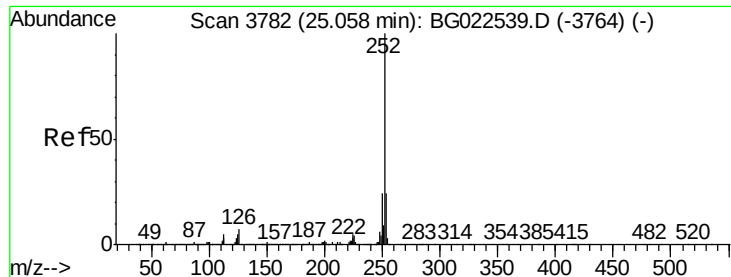
Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Tgt Ion:252 Resp: 3061382

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.8	28.2
125	6.3	3.2	4.8





#89

Benzo(a)pyrene

Concen: 43.85 ng

RT: 25.05 min Scan# 3781

Delta R.T. 0.01 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

Instrument :

BNA_G

ClientSampleId :

TP-7MSD

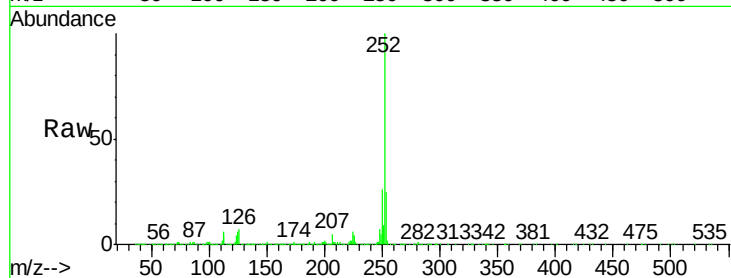
Tgt Ion:252 Resp: 3155485

Ion Ratio Lower Upper

252 100

253 25.1 18.7 28.1

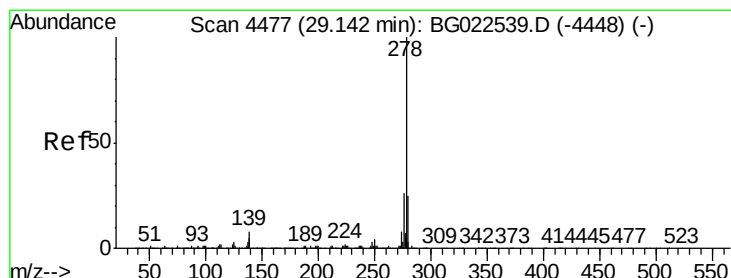
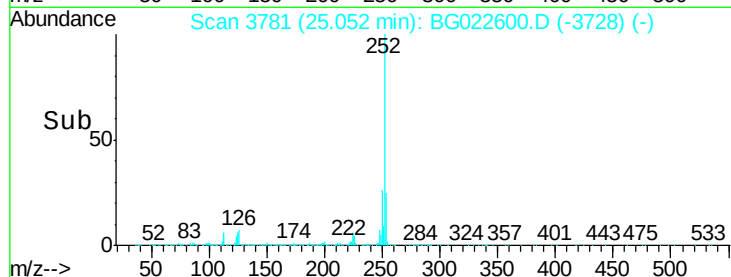
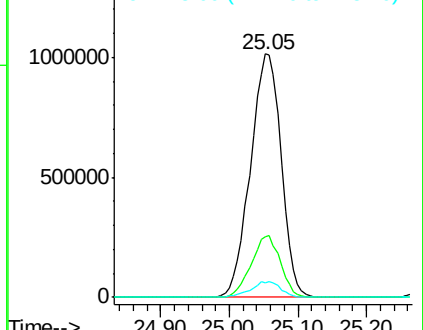
125 6.2 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.72 ng

RT: 29.14 min Scan# 4476

Delta R.T. 0.02 min

Lab File: BG022600.D

Acq: 26 Jun 2016 8:05

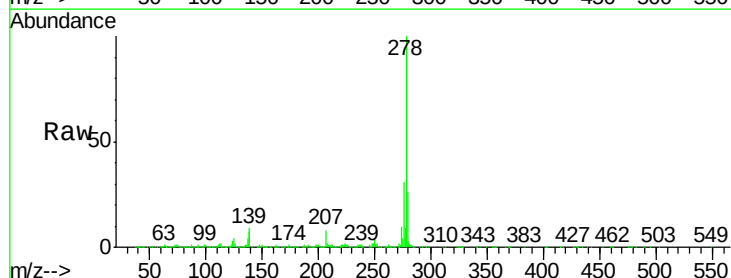
Tgt Ion:278 Resp: 3097198

Ion Ratio Lower Upper

278 100

139 9.1 4.7 7.1#

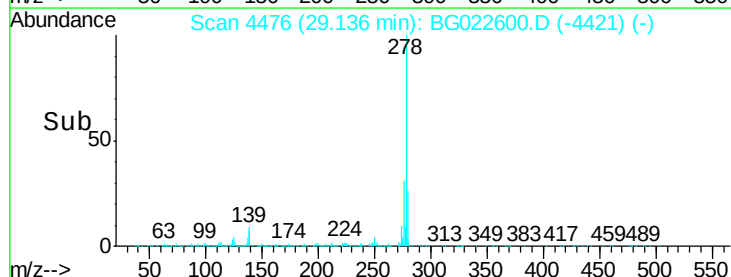
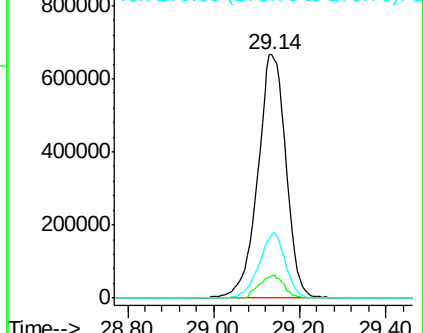
279 26.0 18.3 27.5

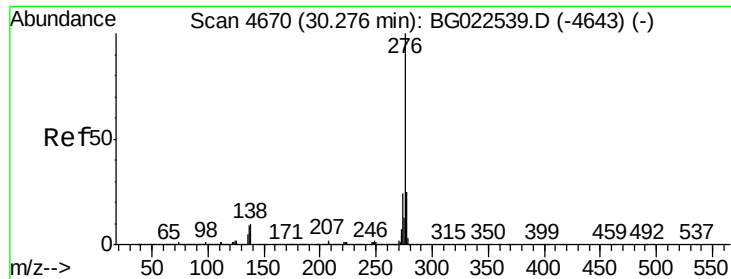


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 44.58 ng
 RT: 30.28 min Scan# 4670
 Delta R.T. 0.02 min
 Lab File: BG022600.D
 Acq: 26 Jun 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MSD

Tgt Ion:276 Resp: 3074075
 Ion Ratio Lower Upper
 276 100
 277 24.5 18.6 27.8
 138 11.3 6.8 10.2#

