

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022599.D
 Acq On : 26 Jun 2016 7:25
 Operator : UM/SJ
 Sample : H3663-13MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

Quant Time: Jun 26 08:47:17 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	130854	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	549251	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	398300	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1041824	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1159801	20.00	ng	0.00
86) Perylene-d12	25.21	264	1183510	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	1229248	150.68	ng	0.00
7) Phenol-d6	7.31	99	1847233	160.64	ng	0.01
23) Nitrobenzene-d5	9.34	82	1293831	99.70	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	1025442	163.69	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	2366571	94.23	ng	0.00
78) Terphenyl-d14	20.16	244	3362097	76.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	123739	37.42	ng	95
3) Pyridine	3.99	79	395863	42.80	ng	91
4) n-Nitrosodimethylamine	3.90	42	230356	43.54	ng	# 92
6) Aniline	7.48	93	691828	45.38	ng	98
8) 2-Chlorophenol	7.73	128	441184	52.21	ng	99
9) Benzaldehyde	7.30	77	17272	4.27	ng	# 77
10) Phenol	7.34	94	657325	54.08	ng	95
11) bis(2-Chloroethyl)ether	7.58	93	469970	46.97	ng	90
12) 1,3-Dichlorobenzene	8.05	146	463793	45.10	ng	99
13) 1,4-Dichlorobenzene	8.20	146	473304	45.91	ng	99
14) 1,2-Dichlorobenzene	8.52	146	456989	46.61	ng	95
15) Benzyl Alcohol	8.40	79	589418	55.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	535673	48.41	ng	97
17) 2-Methylphenol	8.60	107	425957	53.17	ng	97
18) Hexachloroethane	9.26	117	195484	45.81	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	471004	49.18	ng	99
20) 3+4-Methylphenols	8.93	107	602246	54.57	ng	97
22) Acetophenone	8.99	105	790683	49.80	ng	95
24) Nitrobenzene	9.38	77	689341	48.06	ng	95
25) Isophorone	9.90	82	1235353	49.04	ng	99
26) 2-Nitrophenol	10.09	139	274811	53.19	ng	88
27) 2,4-Dimethylphenol	10.14	122	480699	48.70	ng	92
28) bis(2-Chloroethoxy)methane	10.38	93	686465	49.91	ng	99
29) 2,4-Dichlorophenol	10.63	162	530690	55.18	ng	99
30) 1,2,4-Trichlorobenzene	10.85	180	550492	48.21	ng	98
31) Naphthalene	11.04	128	1329619	48.16	ng	99
32) Benzoic acid	10.24	122	158997	27.13	ng	90
33) 4-Chloroaniline	11.15	127	417305	35.09	ng	94
34) Hexachlorobutadiene	11.32	225	410125	46.21	ng	97
35) Caprolactam	11.93	113	113876	37.59	ng	91
36) 4-Chloro-3-methylphenol	12.25	107	650534	55.10	ng	98
37) 2-Methylnaphthalene	12.63	142	1046372	48.87	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	704720	46.87	ng	99
40) Hexachlorocyclopentadiene	12.98	237	934125	77.82	ng	98

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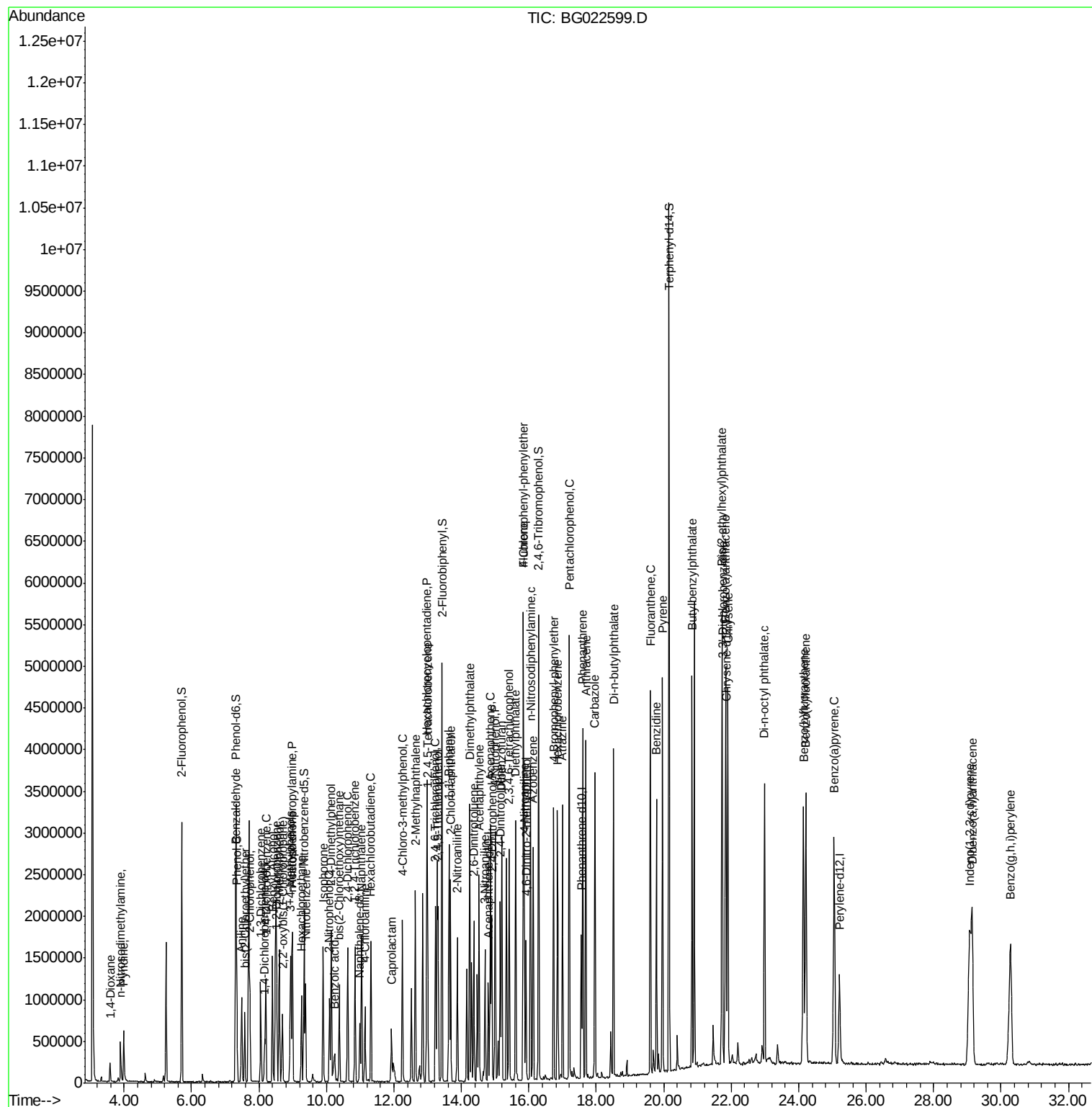
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	504910	52.36	ng	99
43) 2,4,5-Trichlorophenol	13.31	196	540644	53.58	ng	96
45) 1,1'-Biphenyl	13.63	154	1432981	47.23	ng	96
46) 2-Chloronaphthalene	13.68	162	1188904	47.62	ng	97
47) 2-Nitroaniline	13.88	65	515632	53.51	ng	95
48) Acenaphthylene	14.52	152	1728634	47.74	ng	96
49) Dimethylphthalate	14.25	163	1931633	58.46	ng	# 96
50) 2,6-Dinitrotoluene	14.37	165	383634	53.43	ng	92
51) Acenaphthene	14.86	154	1157149	43.38	ng	98
52) 3-Nitroaniline	14.70	138	305649	45.50	ng	94
53) 2,4-Dinitrophenol	14.90	184	393095	88.89	ng	95
54) Dibenzofuran	15.20	168	1835397	47.50	ng	100
55) 4-Nitrophenol	15.01	139	632916	111.41	ng	98
56) 2,4-Dinitrotoluene	15.15	165	567690	57.08	ng	96
57) Fluorene	15.85	166	1510718	49.00	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	572195	54.70	ng	99
59) Diethylphthalate	15.61	149	1672570	49.24	ng	98
60) 4-Chlorophenyl-phenylether	15.83	204	905893	49.35	ng	99
61) 4-Nitroaniline	15.87	138	383097	55.27	ng	96
62) Azobenzene	16.13	77	1691713	45.99	ng	95
64) 4,6-Dinitro-2-methylphenol	15.92	198	367137	52.55	ng	95
65) n-Nitrosodiphenylamine	16.05	169	1444917	47.66	ng	96
66) 4-Bromophenyl-phenylether	16.73	248	630515	46.65	ng	98
67) Hexachlorobenzene	16.85	284	671072	46.96	ng	100
68) Atrazine	17.00	200	641493	50.12	ng	97
69) Pentachlorophenol	17.20	266	969418	98.57	ng	100
70) Phenanthrene	17.60	178	2405970	45.29	ng	94
71) Anthracene	17.69	178	2433204	44.50	ng	94
72) Carbazole	17.96	167	2240536	48.34	ng	97
73) Di-n-butylphthalate	18.51	149	2511189	46.52	ng	96
74) Fluoranthene	19.60	202	2830554	46.24	ng	96
76) Benzidine	19.78	184	1799597	145.74	ng	98
77) Pyrene	19.96	202	2807855	45.45	ng	93
79) Butylbenzylphthalate	20.84	149	1307792	48.91	ng	97
80) Benzo(a)anthracene	21.83	228	3026407	47.16	ng	95
81) 3,3'-Dichlorobenzidine	21.74	252	888976	33.54	ng	97
82) Chrysene	21.90	228	2853491	47.32	ng	91
83) Bis(2-ethylhexyl)phthalate	21.72	149	1766308	46.91	ng	96
84) Di-n-octyl phthalate	22.98	149	2896342	46.67	ng	100
85) Indeno(1,2,3-cd)pyrene	29.07	276	3849205	48.57	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	3391692	47.66	ng	93
88) Benzo(k)fluoranthene	24.21	252	3148689	46.80	ng	# 95
89) Benzo(a)pyrene	25.05	252	3307018	47.67	ng	# 94
90) Dibenzo(a,h)anthracene	29.14	278	3197358	48.96	ng	# 93
91) Benzo(g,h,i)perylene	30.28	276	3222329	48.47	ng	# 97

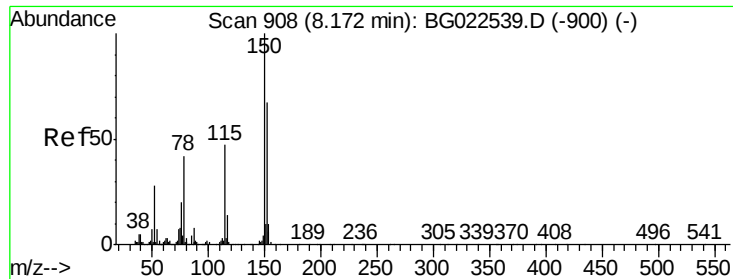
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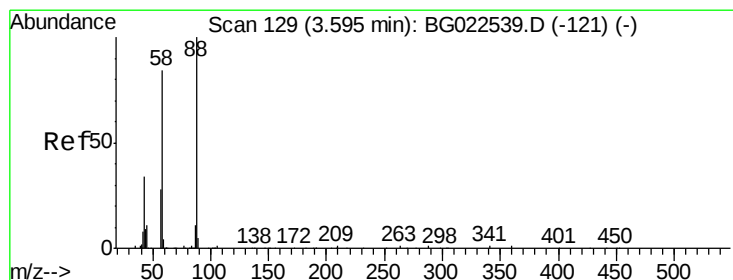
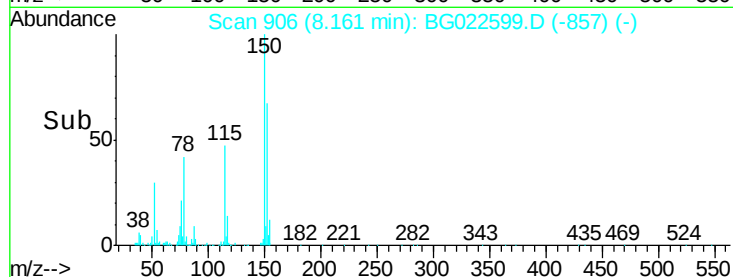
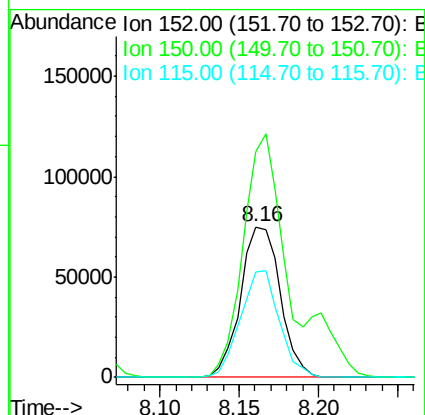
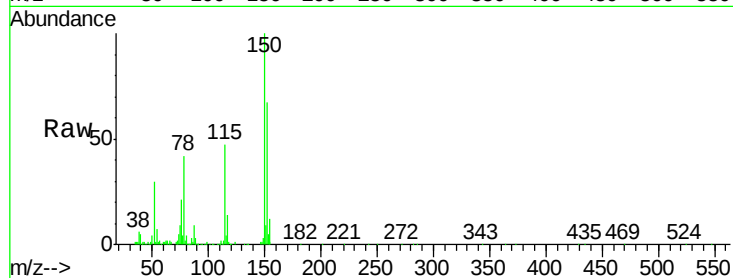


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Instrument :
BNA_G
ClientSampleId :
TP-7MS

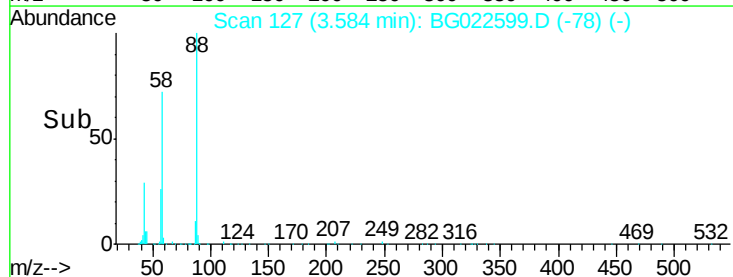
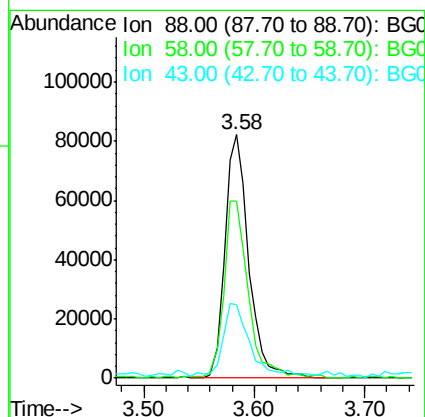
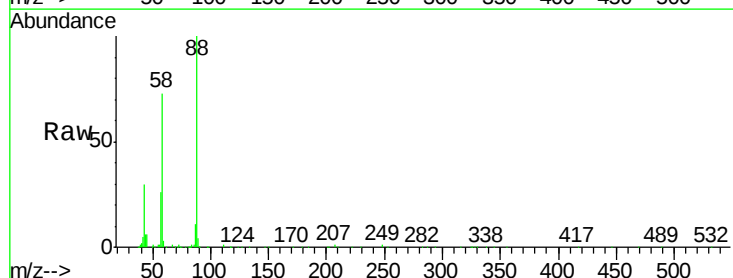
Tgt Ion:152 Resp: 130854
Ion Ratio Lower Upper
152 100
150 149.5 144.7 217.1
115 70.1 64.0 96.0

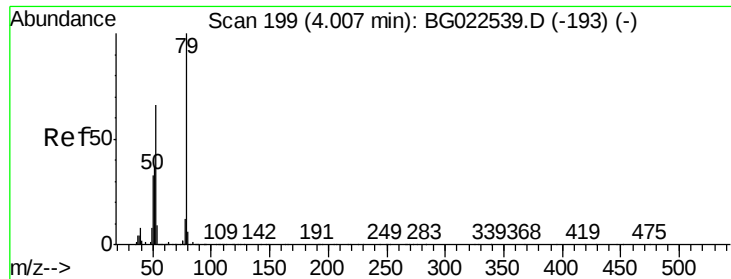


#2

1,4-Dioxane
Concen: 37.42 ng
RT: 3.58 min Scan# 127
Delta R.T. -0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion: 88 Resp: 123739
Ion Ratio Lower Upper
88 100
58 72.5 60.4 90.6
43 33.3 31.1 46.7





#3

Pyridine

Concen: 42.80 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.02 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

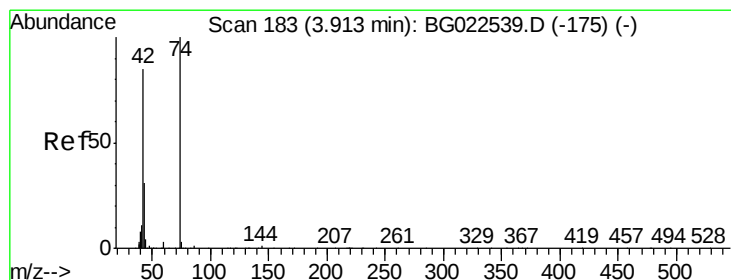
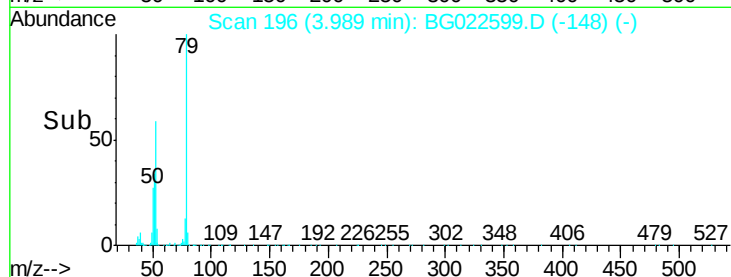
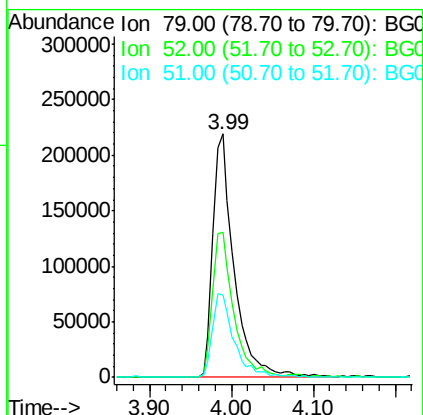
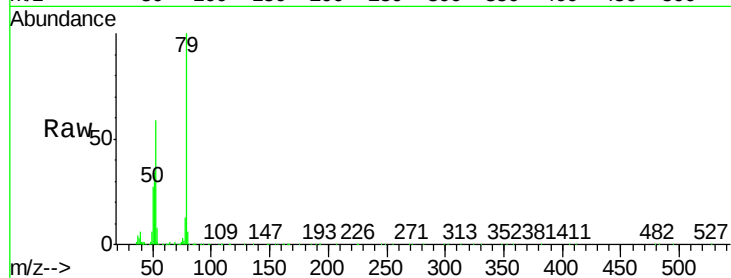
Tgt Ion: 79 Resp: 395863

Ion Ratio Lower Upper

79 100

52 59.5 51.8 77.8

51 33.9 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 43.54 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

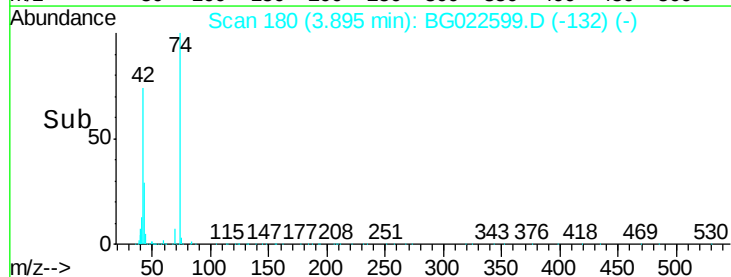
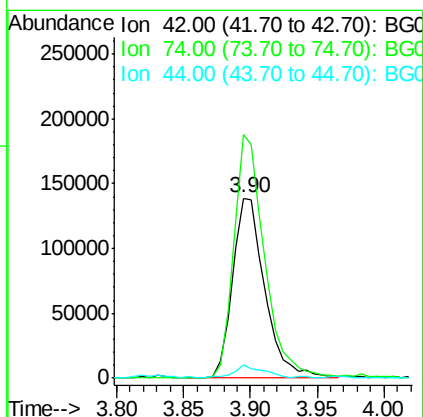
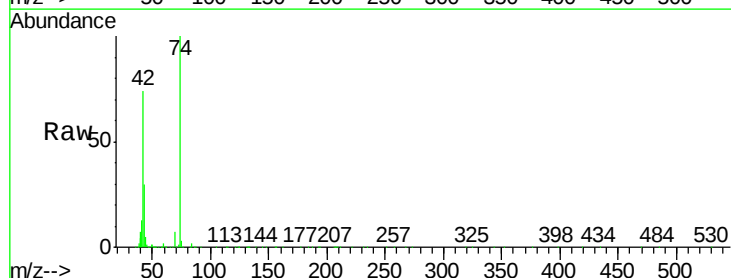
Tgt Ion: 42 Resp: 230356

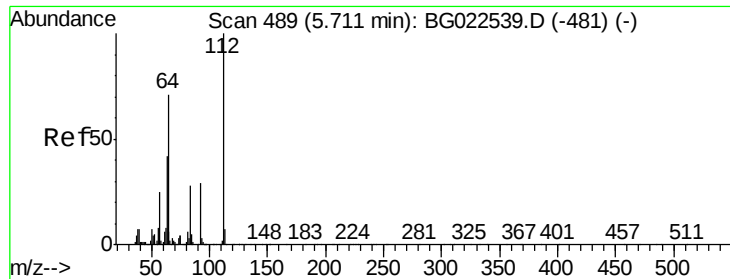
Ion Ratio Lower Upper

42 100

74 135.3 100.6 150.8

44 7.3 4.5 6.7#





#5

2-Fluorophenol

Concen: 150.68 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022599.D

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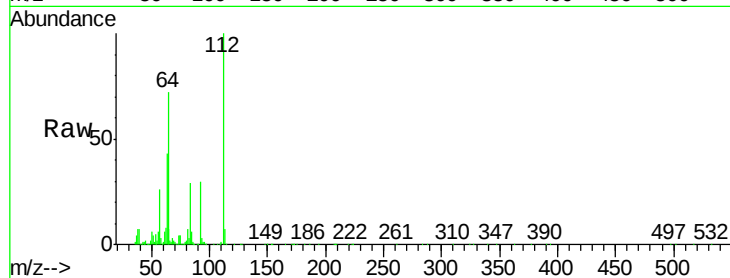
Tgt Ion: 112 Resp: 1229248

Ion Ratio Lower Upper

112 100

64 71.8 59.0 88.4

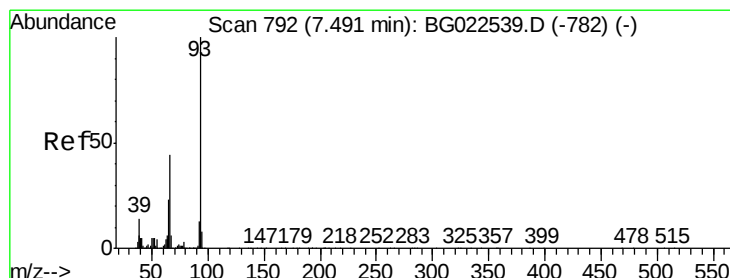
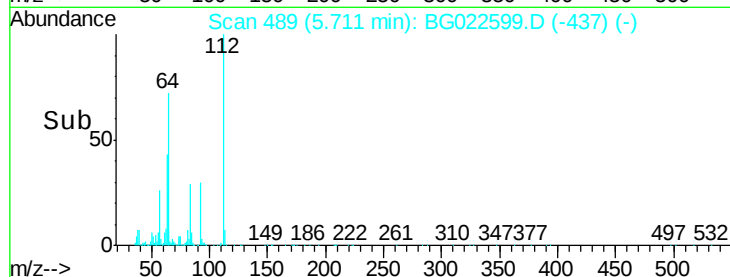
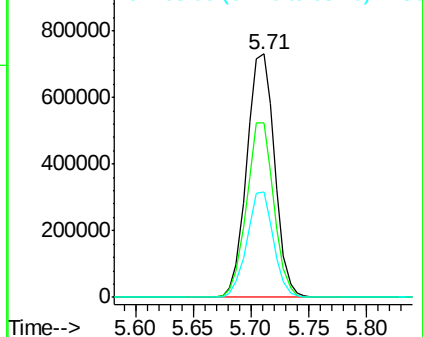
63 43.4 37.8 56.8



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: 45.38 ng

RT: 7.48 min Scan# 791

Delta R.T. -0.00 min

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Acq: 26 Jun 2016 7:25

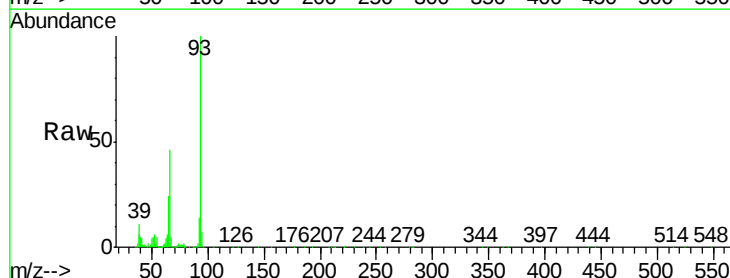
Tgt Ion: 93 Resp: 691828

Ion Ratio Lower Upper

93 100

66 46.3 37.5 56.3

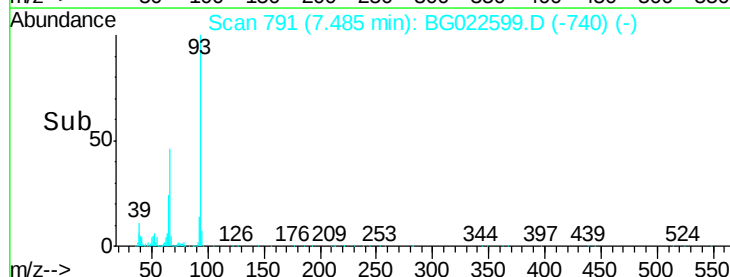
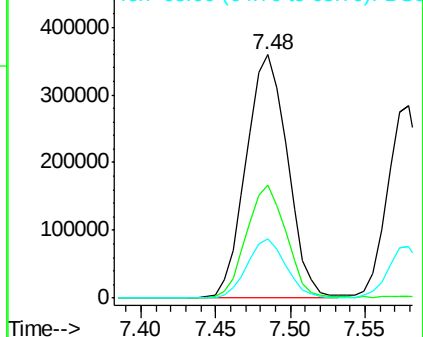
65 24.4 17.9 26.9



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: 160.64 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

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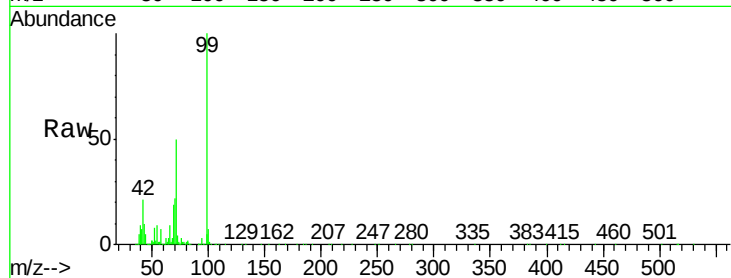
Tgt Ion: 99 Resp: 1847233

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

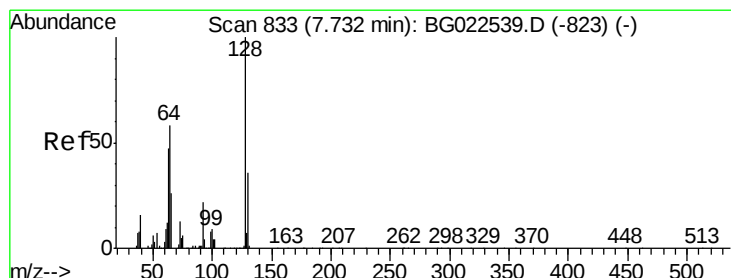
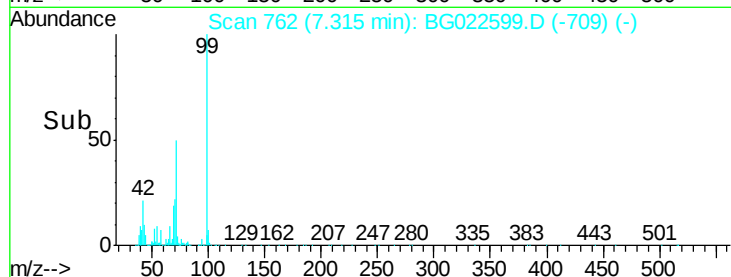
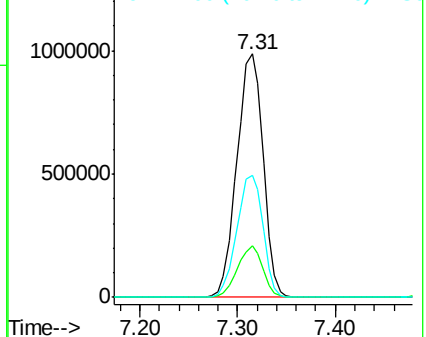
71 50.1 41.5 62.3



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: 52.21 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.00 min

Lab File: BG022599.D

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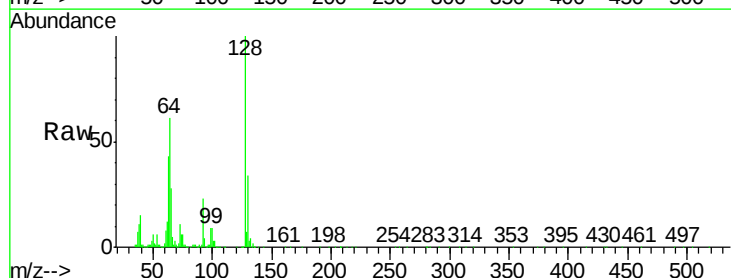
Tgt Ion: 128 Resp: 441184

Ion Ratio Lower Upper

128 100

130 33.8 12.9 52.9

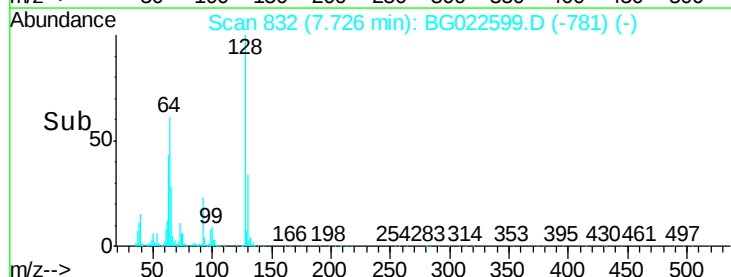
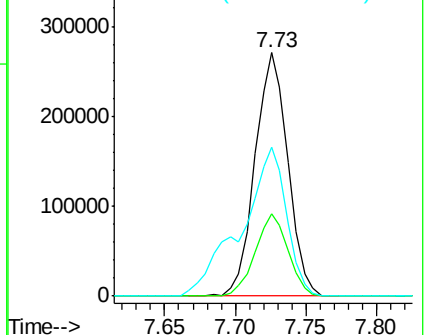
64 61.2 42.0 82.0

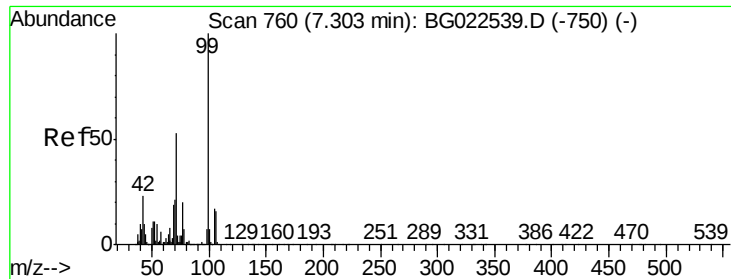


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 4.27 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

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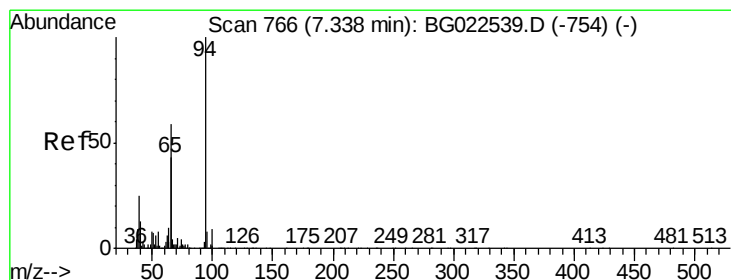
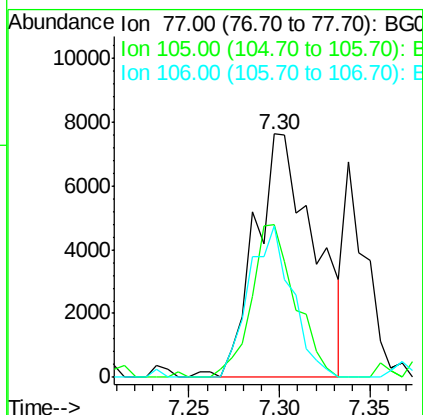
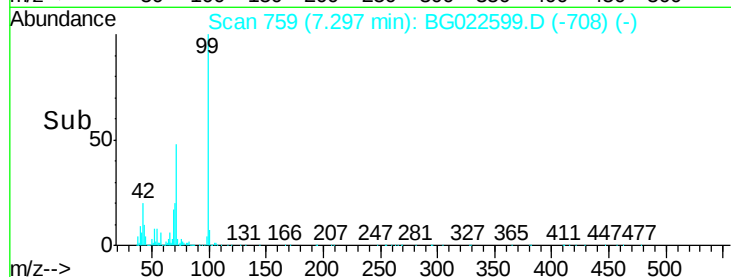
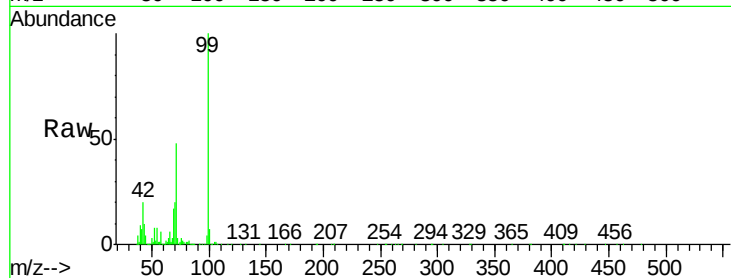
Tgt Ion: 77 Resp: 17272

Ion Ratio Lower Upper

77 100

105 62.9 58.7 98.7

106 62.2 67.5 107.5#



#10

Phenol

Concen: 54.08 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

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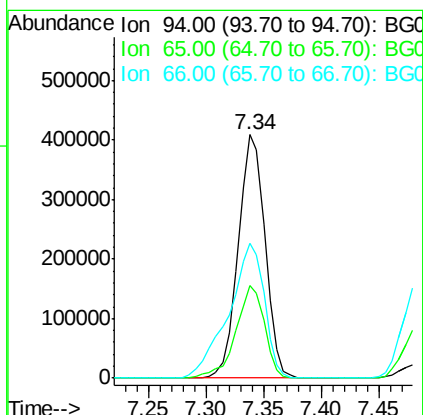
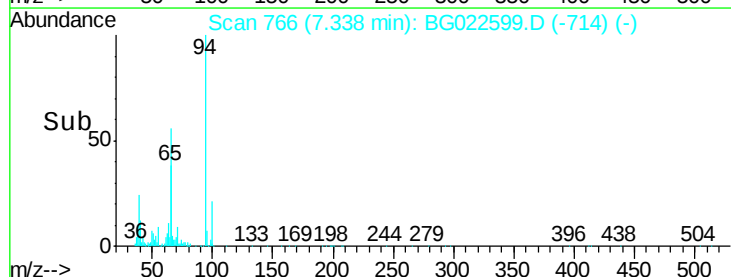
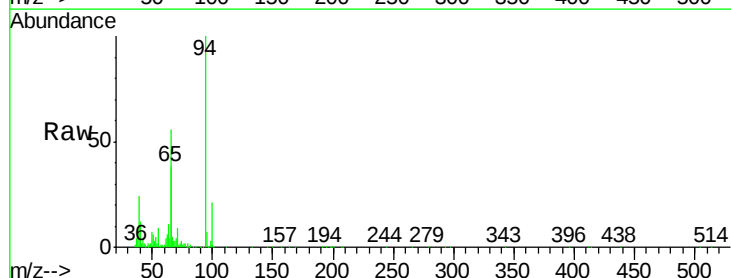
Tgt Ion: 94 Resp: 657325

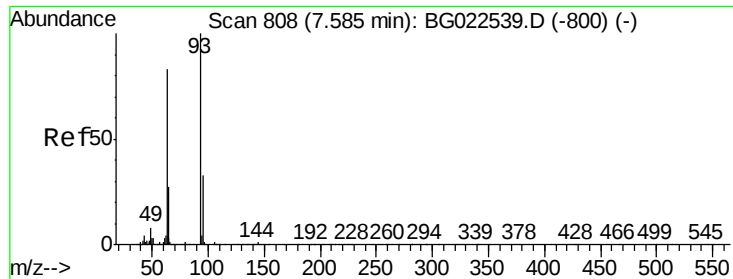
Ion Ratio Lower Upper

94 100

65 37.8 18.1 58.1

66 55.5 42.1 82.1

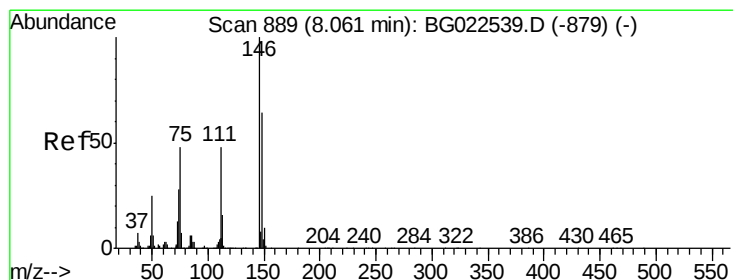
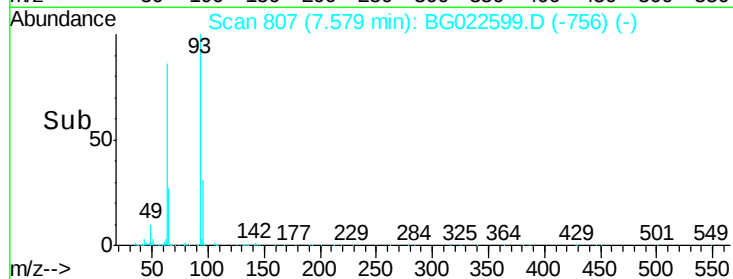
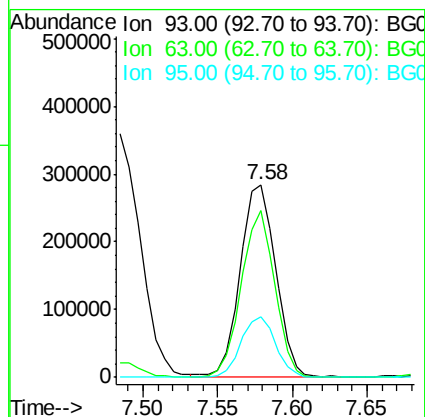
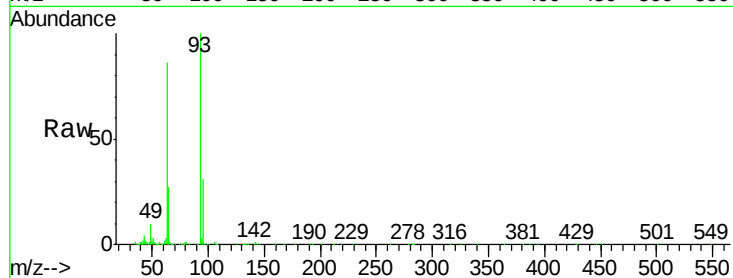




#11
bis(2-Chloroethyl)ether
Concen: 46.97 ng
RT: 7.58 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

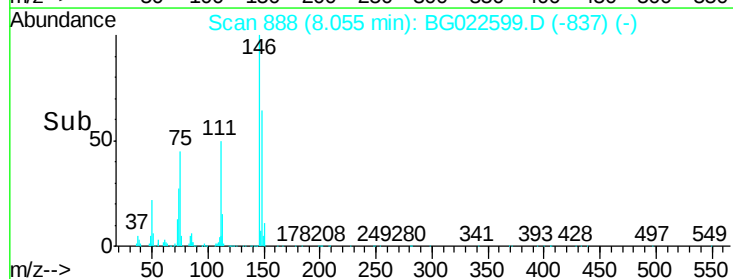
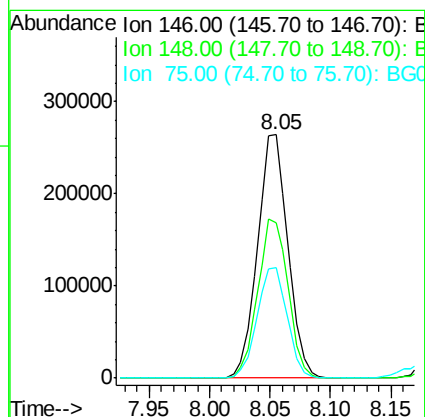
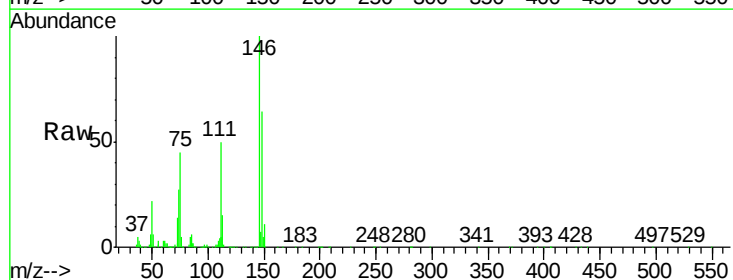
Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.5	55.0	95.0
95	31.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 45.10 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
75	45.3	37.0	55.6

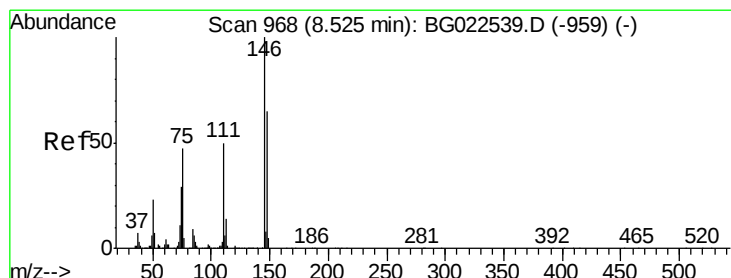
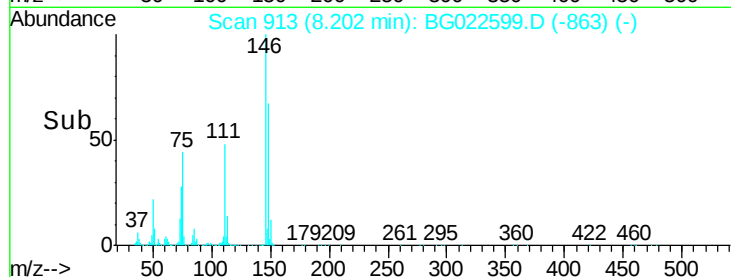
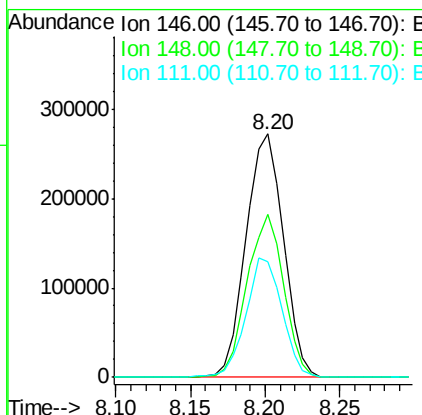
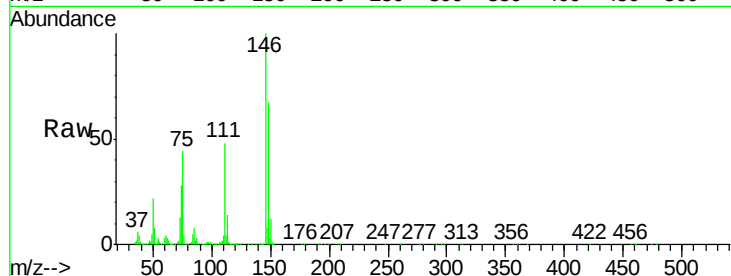




#13
 1,4-Dichlorobenzene
 Concen: 45.91 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

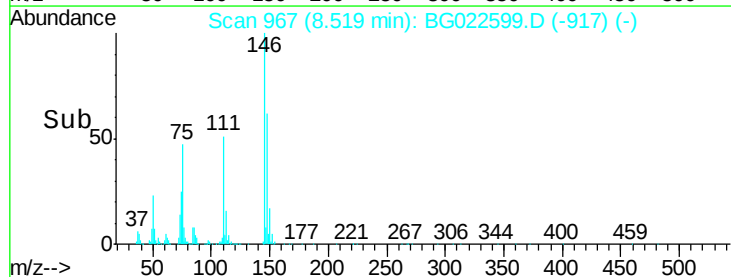
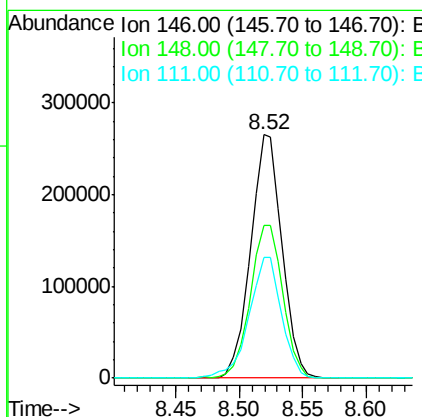
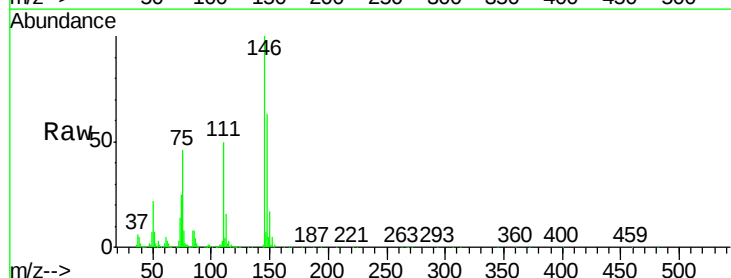
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

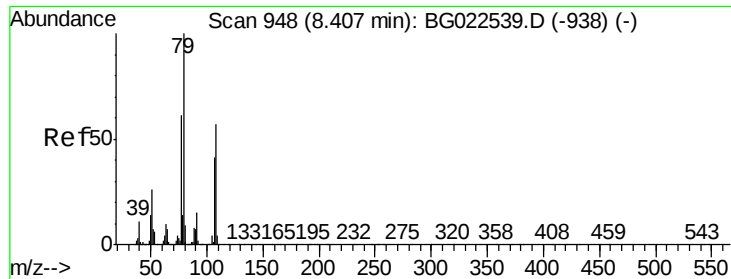
Tgt Ion:146 Resp: 473304
 Ion Ratio Lower Upper
 146 100
 148 67.0 54.5 81.7
 111 47.7 37.8 56.8



#14
 1,2-Dichlorobenzene
 Concen: 46.61 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Tgt Ion:146 Resp: 456989
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.9 79.3
 111 49.6 43.5 65.3





#15

Benzyl Alcohol

Concen: 55.40 ng

RT: 8.40 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

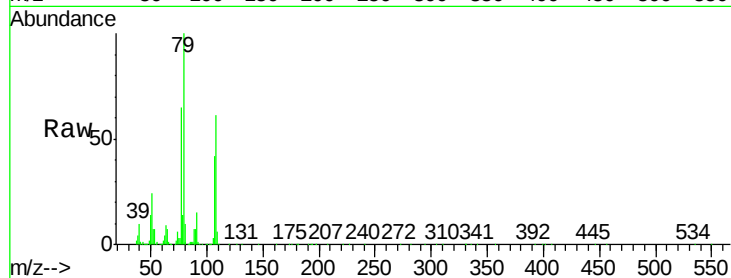
Tgt Ion: 79 Resp: 589418

Ion Ratio Lower Upper

79 100

108 60.5 46.5 69.7

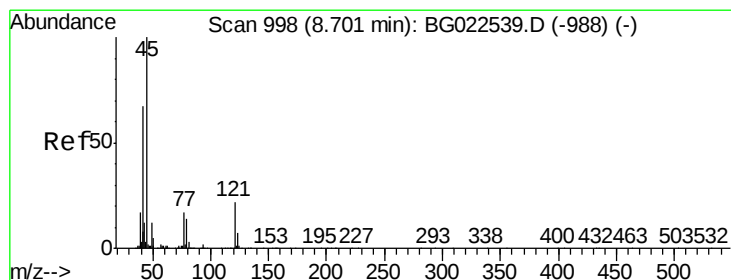
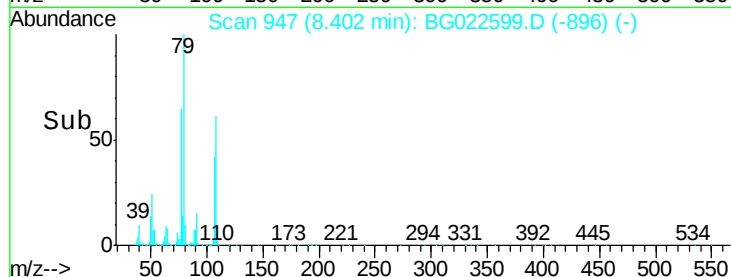
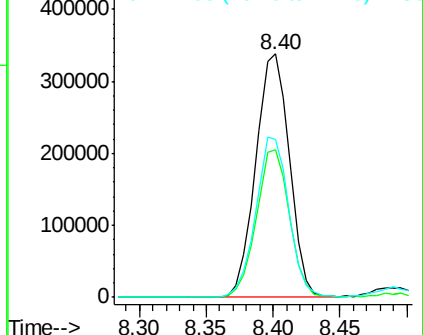
77 64.7 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.41 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

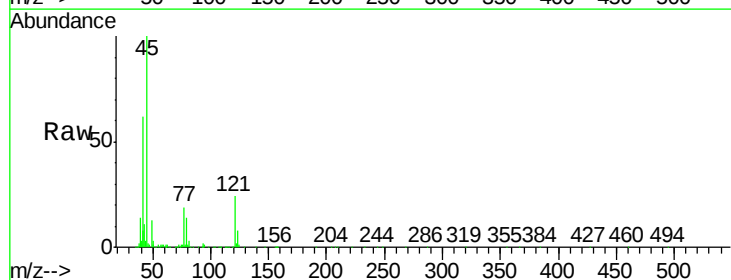
Tgt Ion: 45 Resp: 535673

Ion Ratio Lower Upper

45 100

77 19.4 0.6 40.6

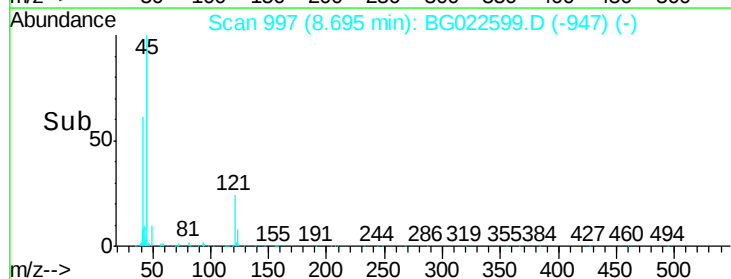
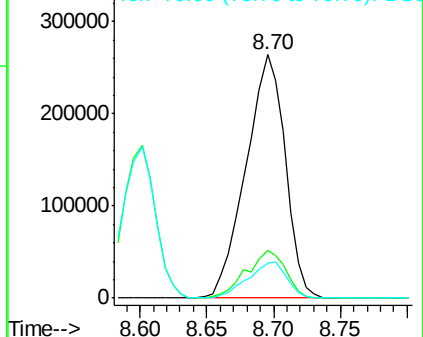
79 14.3 0.0 36.2

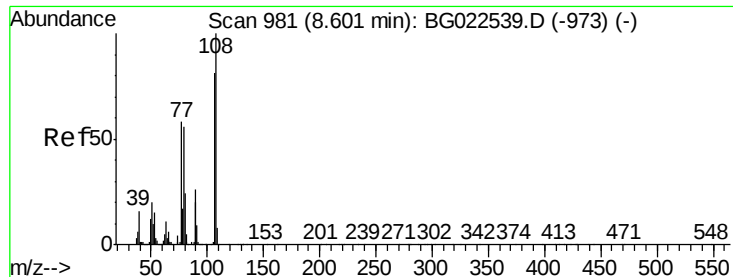


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

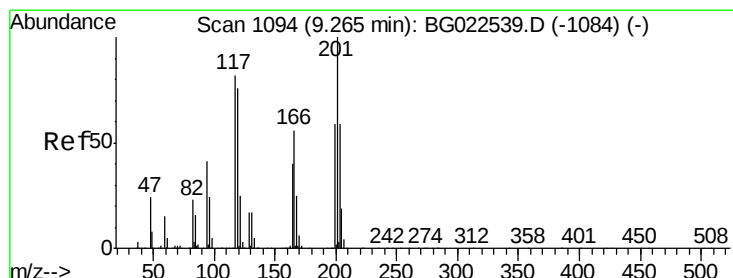
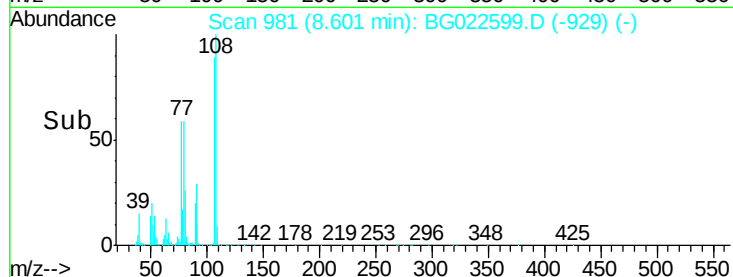
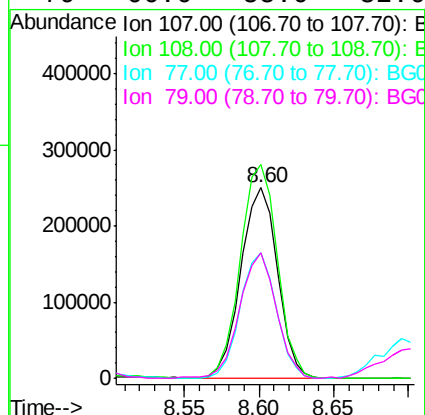
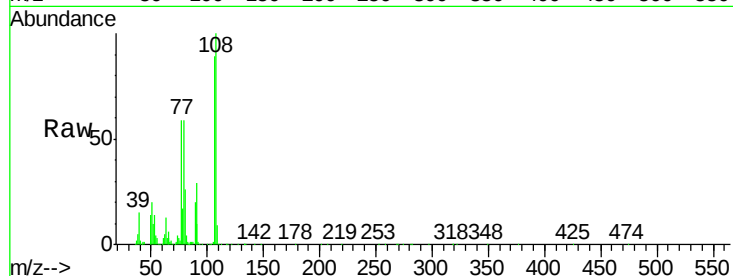




#17
2-Methylphenol
Concen: 53.17 ng
RT: 8.60 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

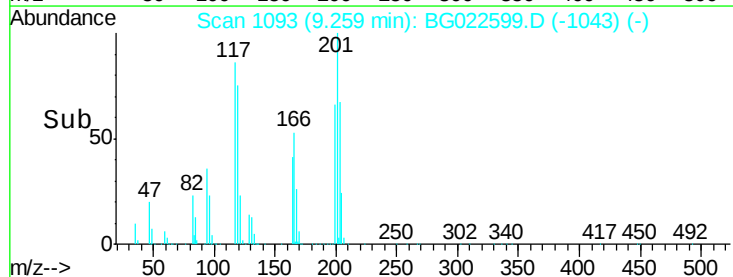
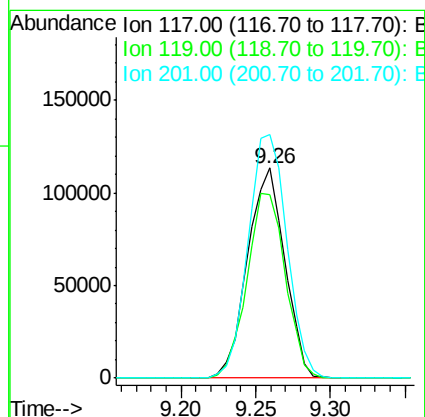
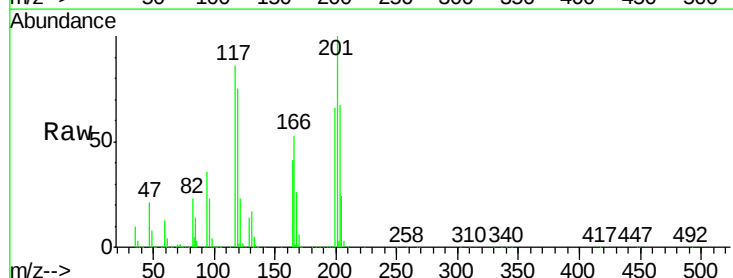
Instrument :
BNA_G
ClientSampleId :
TP-7MS

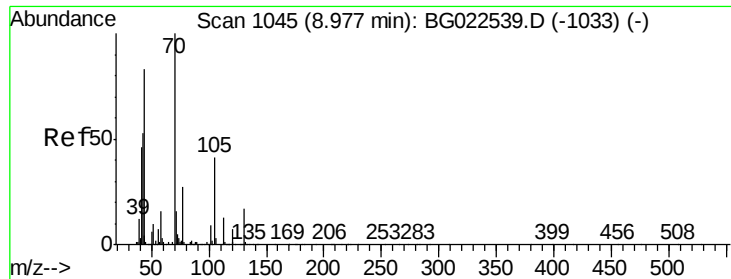
Tgt Ion:	107	Resp:	425957
Ion	Ratio	Lower	Upper
107	100		
108	112.3	92.0	138.0
77	66.3	55.8	83.6
79	66.0	55.0	82.6



#18
Hexachloroethane
Concen: 45.81 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:	117	Resp:	195484
Ion	Ratio	Lower	Upper
117	100		
119	87.6	73.7	110.5
201	116.1	88.7	133.1

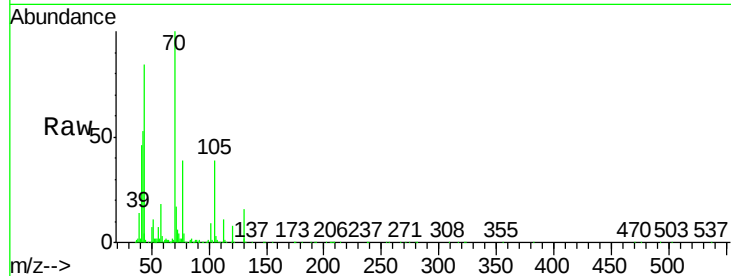




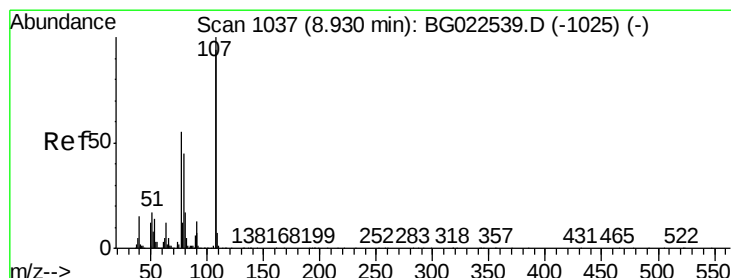
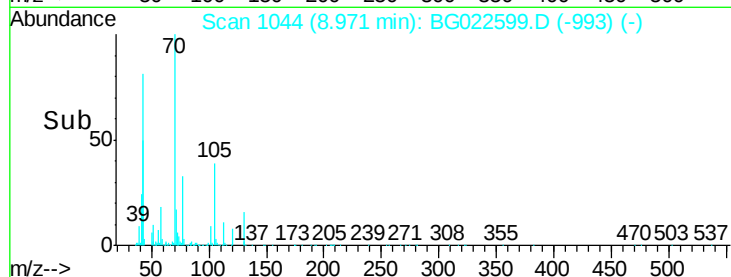
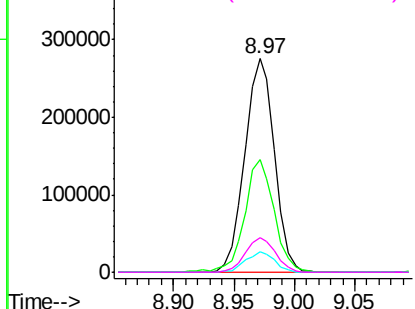
#19
n-Nitroso-di-n-propylamine
Concen: 49.18 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion:	70	Resp:	471004
Ion	Ratio	Lower	Upper
70	100		
42	53.0	42.1	63.1
101	9.5	7.2	10.8
130	16.5	14.2	21.2

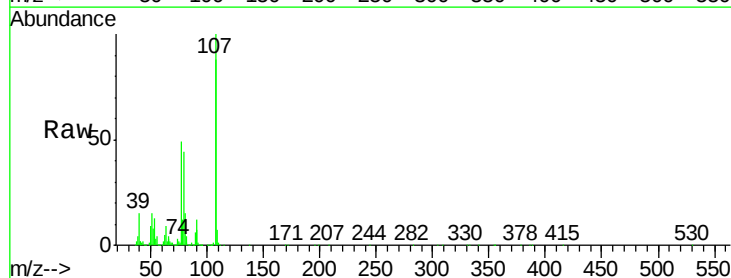


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

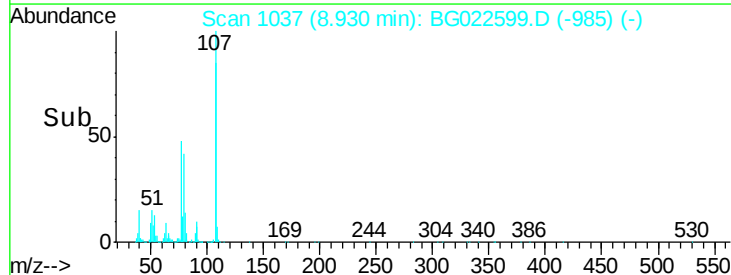
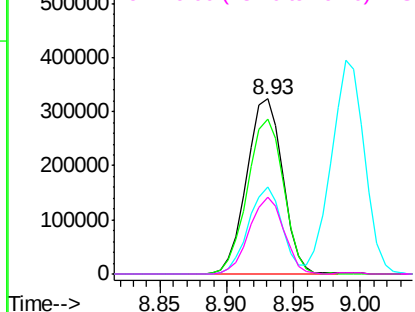


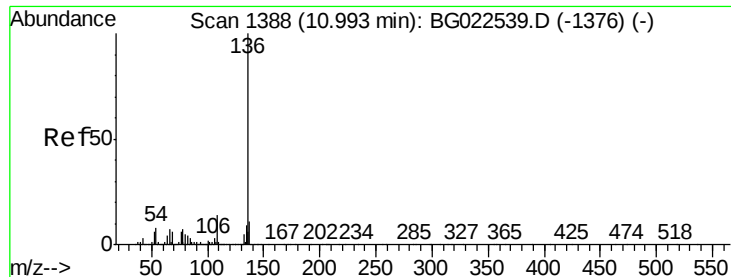
#20
3+4-Methylphenols
Concen: 54.57 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:	107	Resp:	602246
Ion	Ratio	Lower	Upper
107	100		
108	88.2	72.5	112.5
77	49.4	30.1	70.1
79	44.1	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

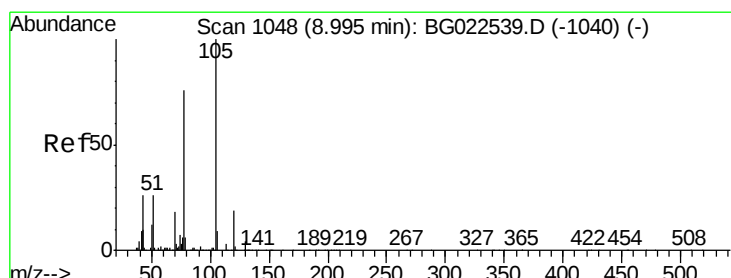
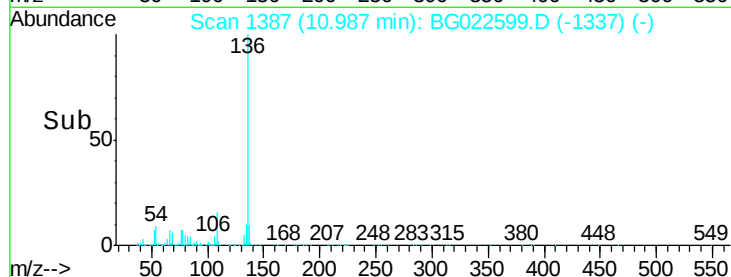
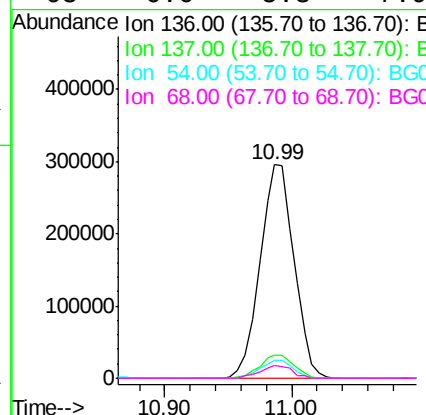
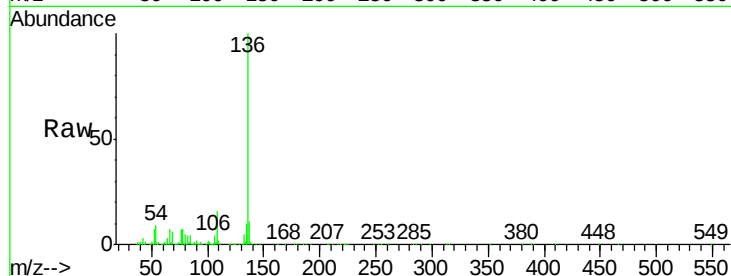




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

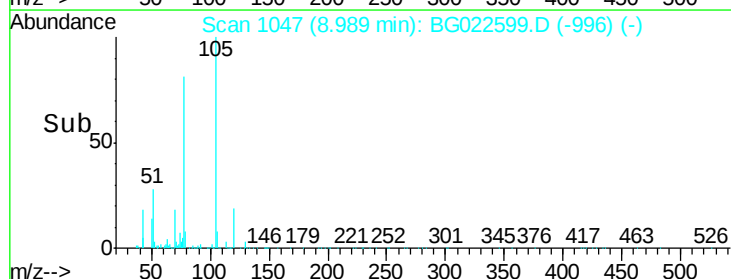
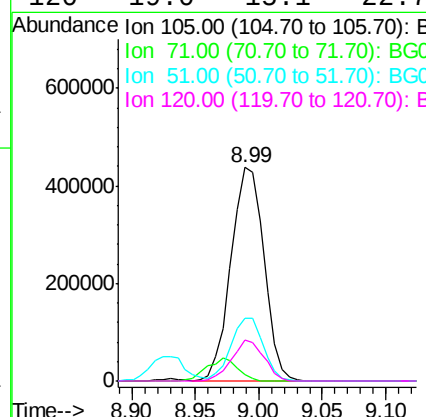
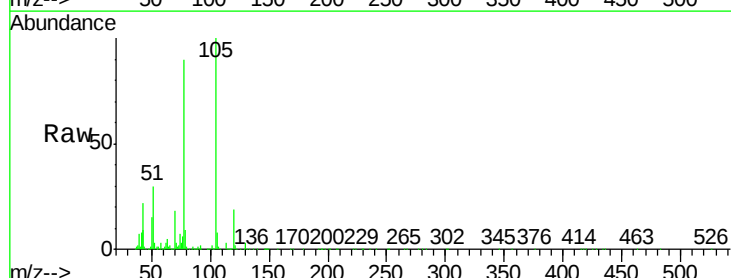
Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion:	136	Resp:	549251
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.5	7.3	10.9
68	6.0	5.3	7.9



#22
Acetophenone
Concen: 49.80 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:	105	Resp:	790683
Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.6	3.8
51	29.6	27.1	40.7
120	19.0	15.1	22.7

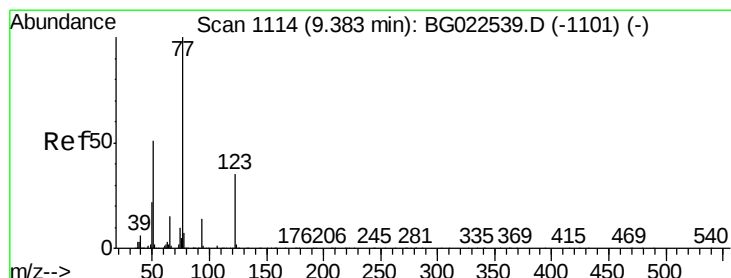
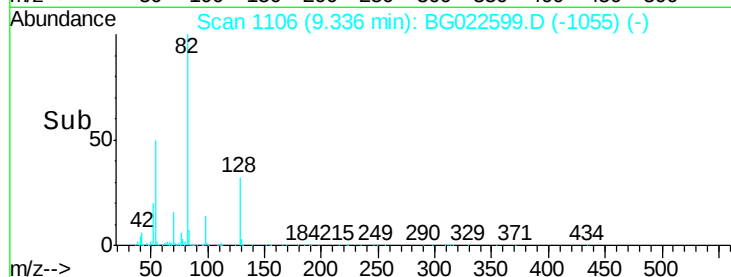
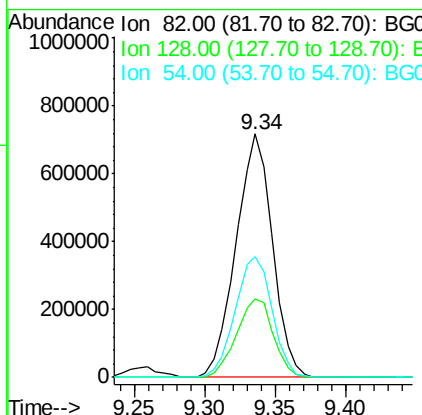
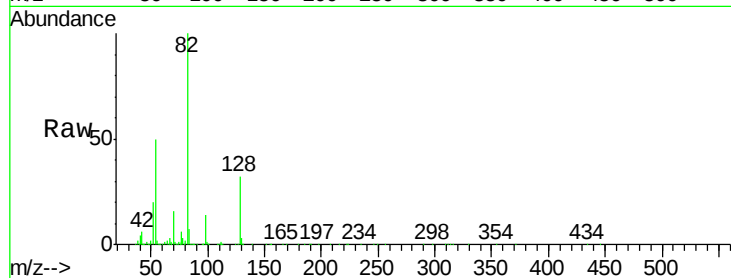




#23
 Nitrobenzene-d5
 Concen: 99.70 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

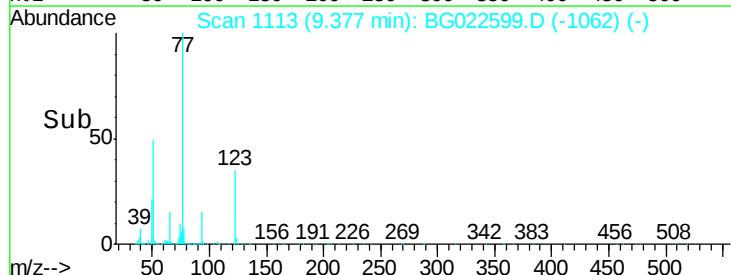
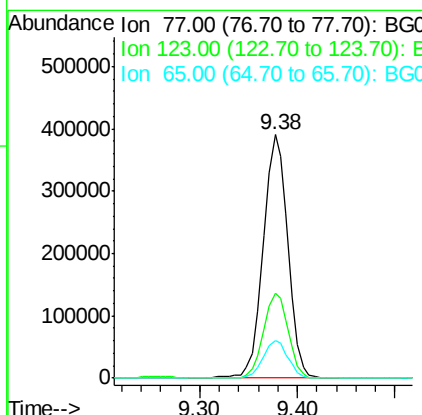
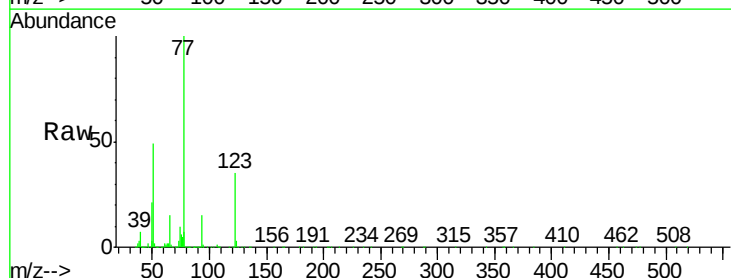
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

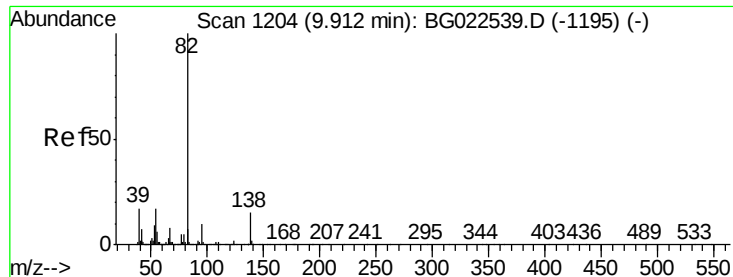
Tgt Ion: 82 Resp: 1293831
 Ion Ratio Lower Upper
 82 100
 128 32.5 24.4 36.6
 54 49.8 41.4 62.0



#24
 Nitrobenzene
 Concen: 48.06 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Tgt Ion: 77 Resp: 689341
 Ion Ratio Lower Upper
 77 100
 123 34.6 25.0 37.6
 65 15.2 13.4 20.0

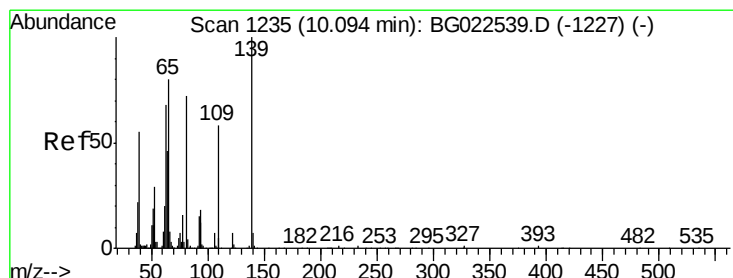
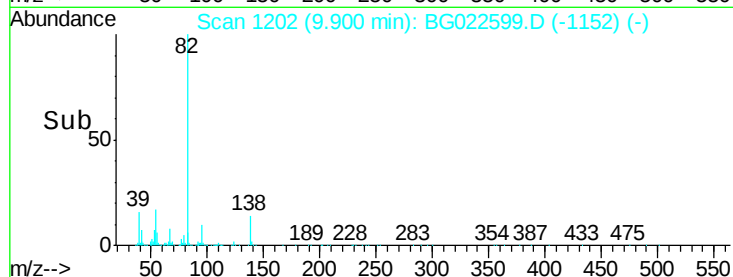
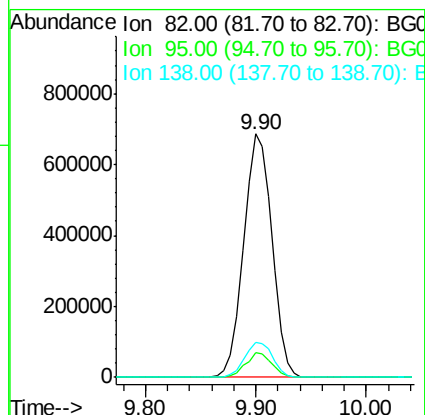
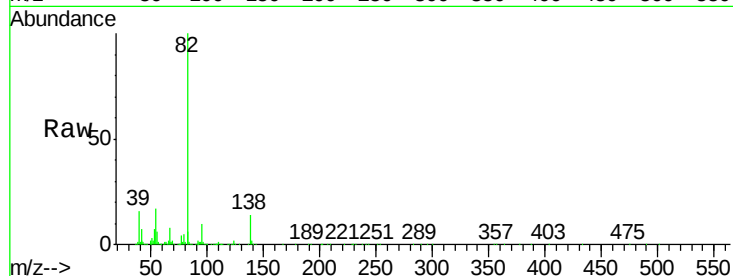




#25
Isophorone
Concen: 49.04 ng
RT: 9.90 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

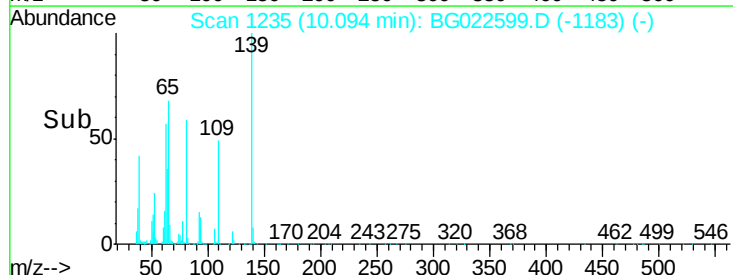
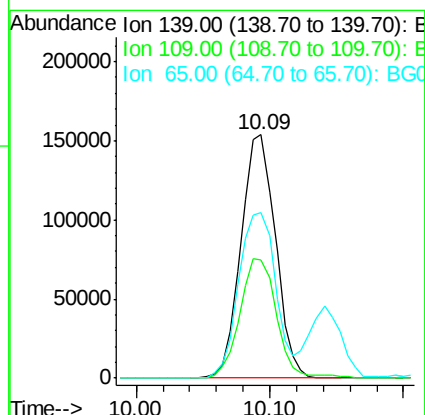
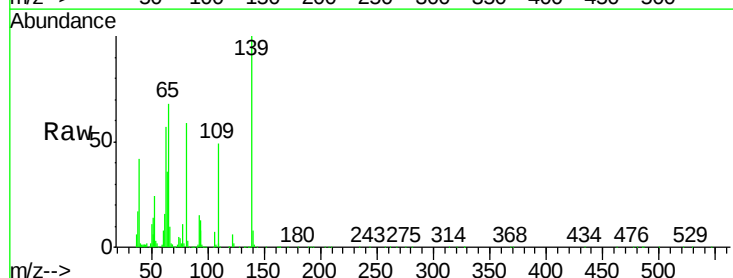
Instrument :
BNA_G
ClientSampleId :
TP-7MS

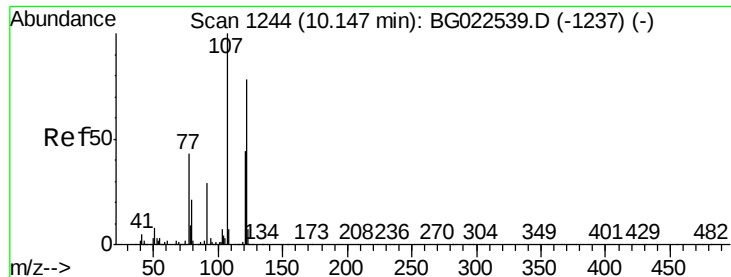
Tgt Ion: 82 Resp: 1235353
Ion Ratio Lower Upper
82 100
95 9.9 8.2 12.2
138 14.2 10.7 16.1



#26
2-Nitrophenol
Concen: 53.19 ng
RT: 10.09 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion: 139 Resp: 274811
Ion Ratio Lower Upper
139 100
109 48.7 43.5 65.3
65 68.0 64.3 96.5

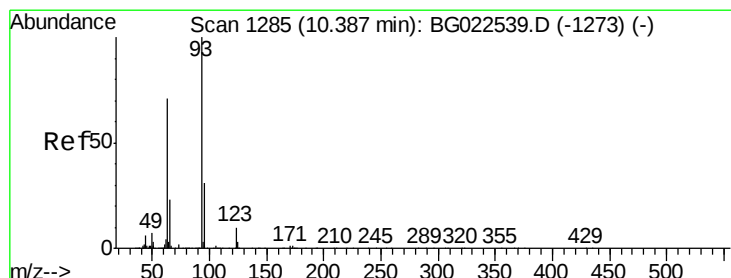
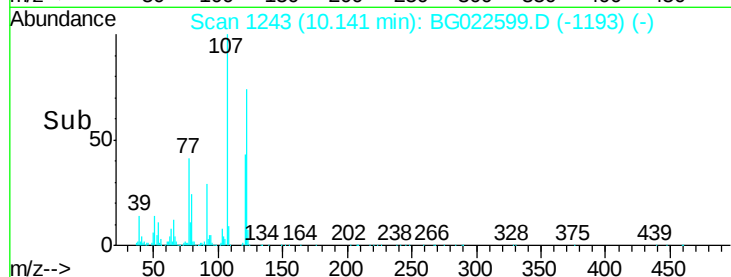
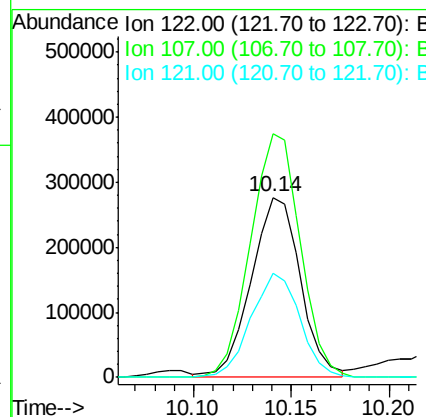
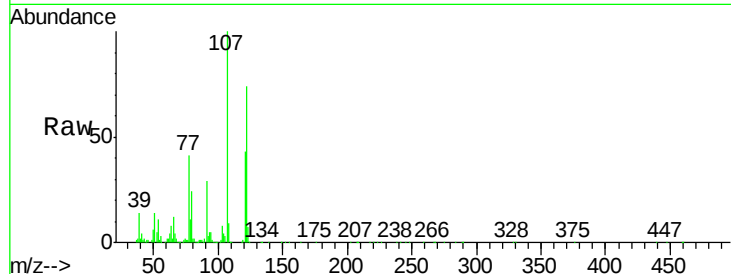




#27
 2,4-Dimethylphenol
 Concen: 48.70 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

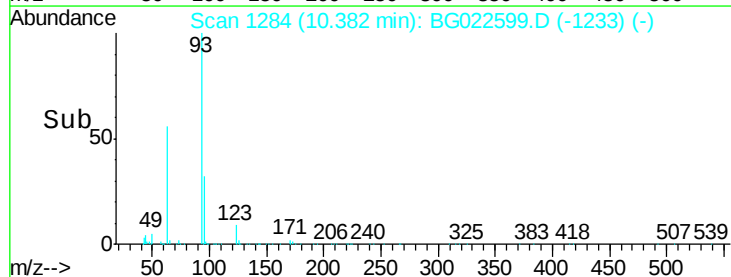
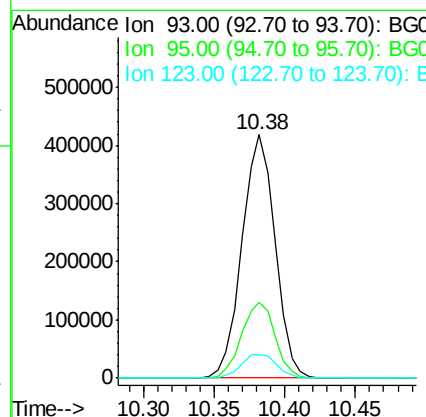
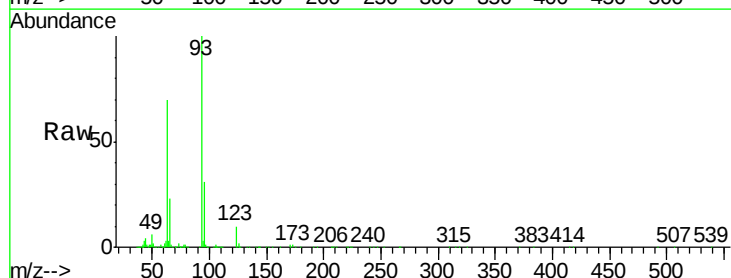
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

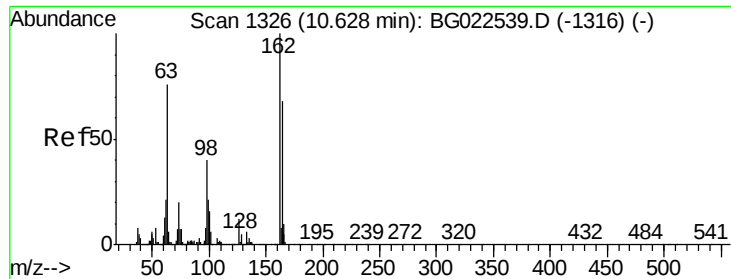
Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.1	117.0	175.4
121	57.7	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.91 ng
 RT: 10.38 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.4	38.2
123	9.6	8.2	12.2

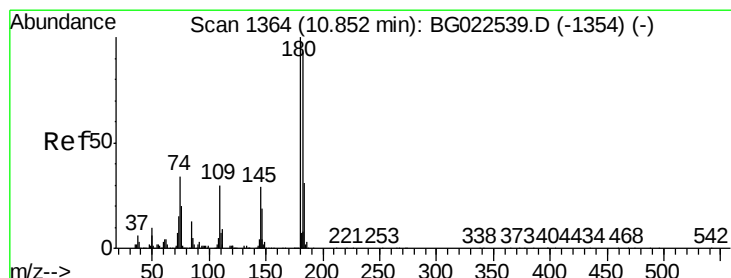
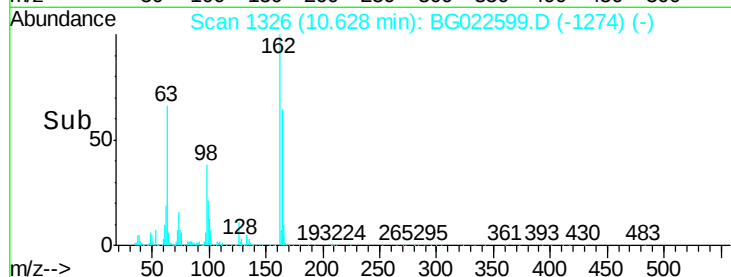
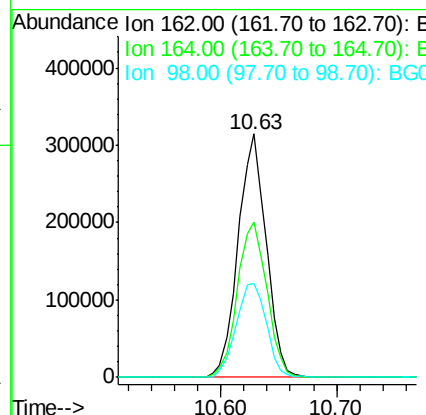
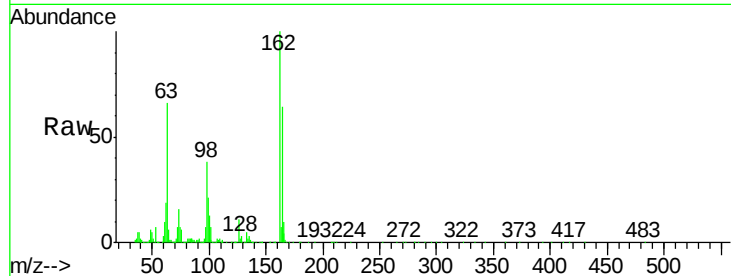




#29
 2,4-Dichlorophenol
 Concen: 55.18 ng
 RT: 10.63 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

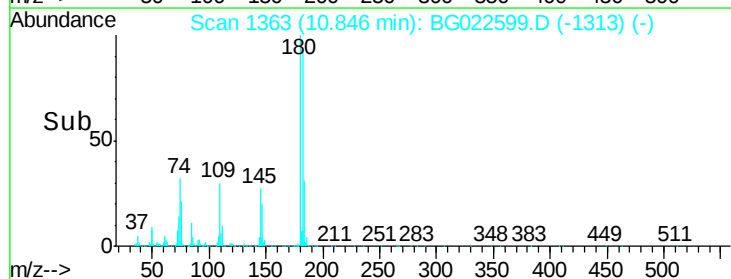
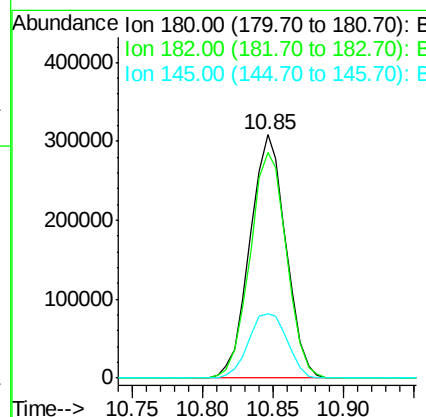
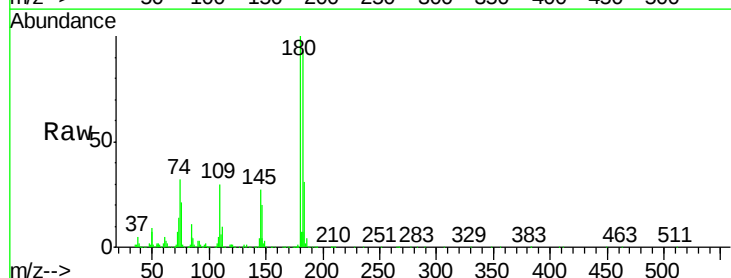
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

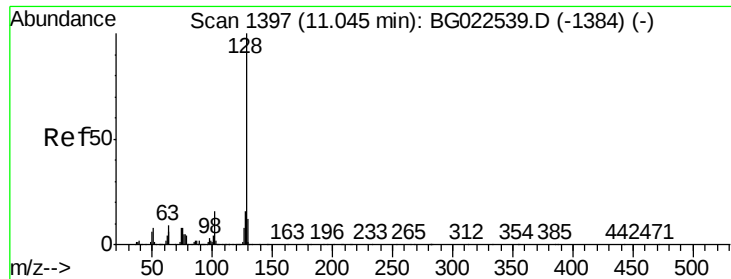
Tgt Ion:	162	Resp:	530690
Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.3	84.3
98	38.3	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 48.21 ng
 RT: 10.85 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Tgt Ion:	180	Resp:	550492
Ion	Ratio	Lower	Upper
180	100		
182	92.5	73.8	110.8
145	26.5	24.4	36.6

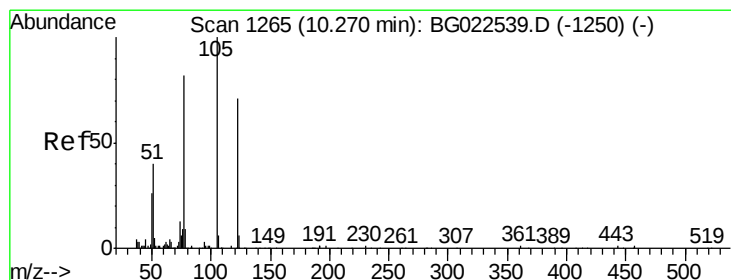
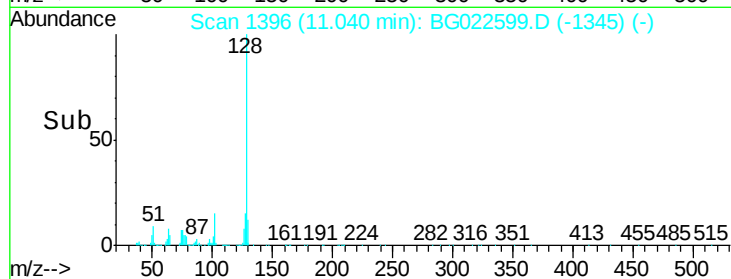
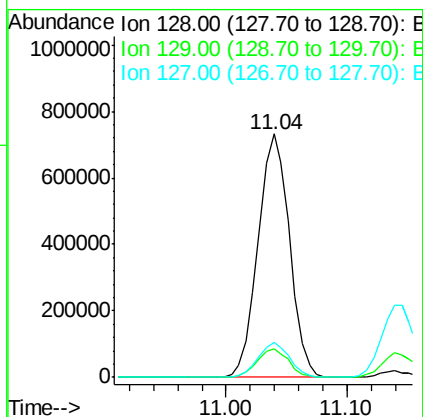
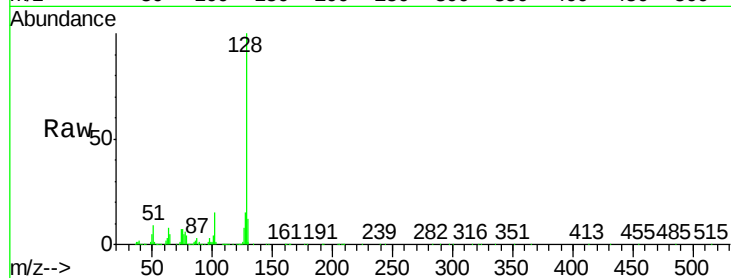




#31
Naphthalene
Concen: 48.16 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

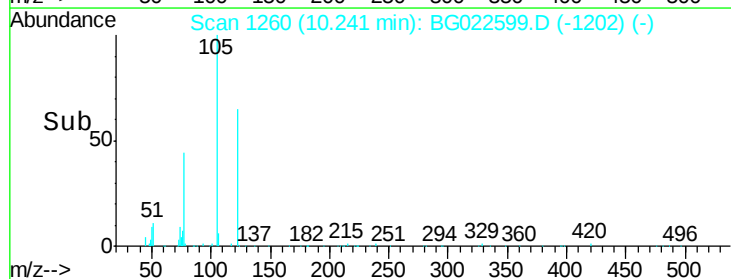
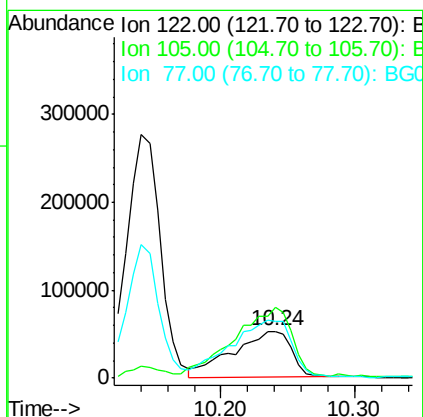
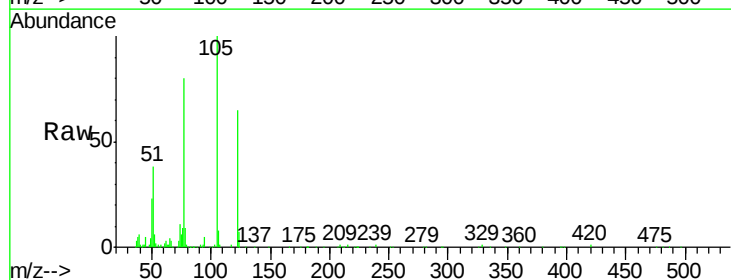
Instrument :
BNA_G
ClientSampleId :
TP-7MS

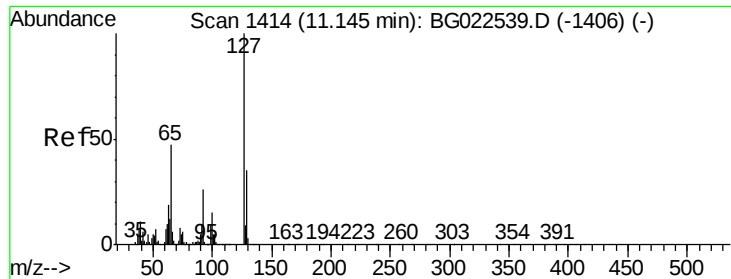
Tgt Ion:128 Resp: 1329619
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 14.6 11.3 16.9



#32
Benzoic acid
Concen: 27.13 ng
RT: 10.24 min Scan# 1260
Delta R.T. 0.04 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:122 Resp: 158997
Ion Ratio Lower Upper
122 100
105 152.8 117.2 157.2
77 122.1 109.2 149.2

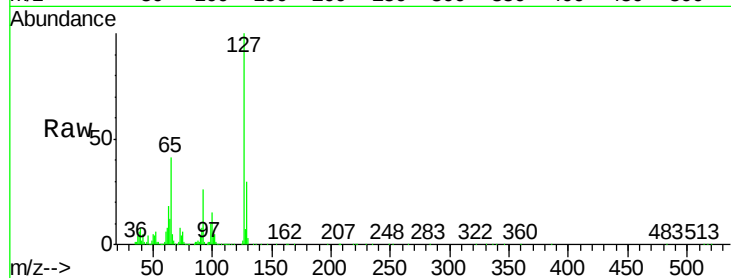




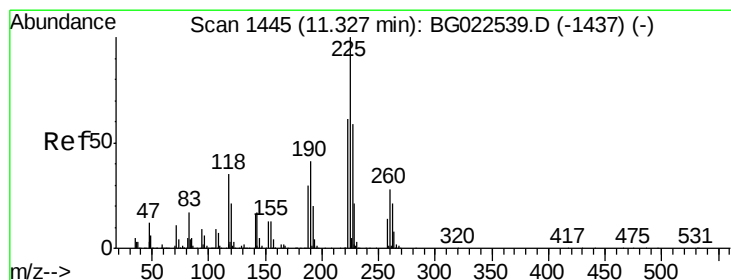
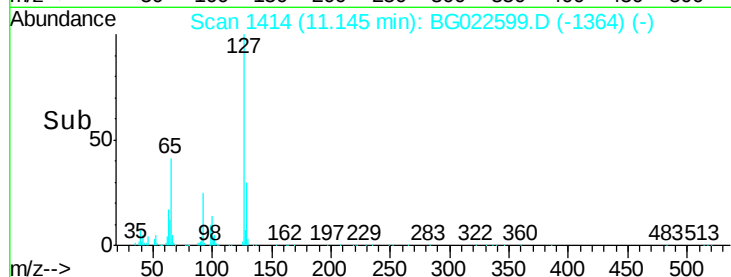
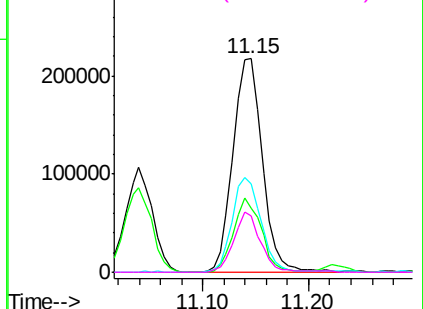
#33
4-Chloroaniline
Concen: 35.09 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion:	127	Resp:	417305
Ion	Ratio	Lower	Upper
127	100		
129	29.9	27.9	41.9
65	41.3	36.8	55.2
92	26.1	21.0	31.6

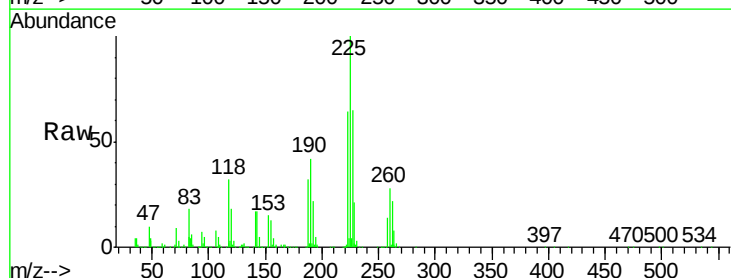


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

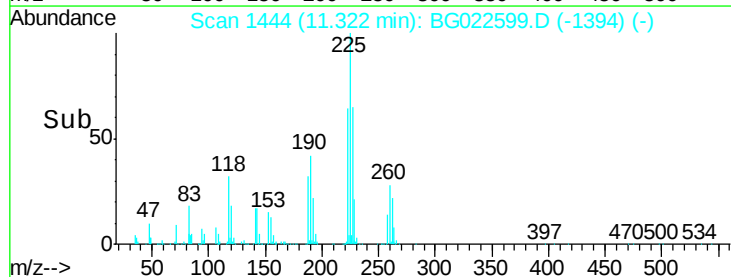
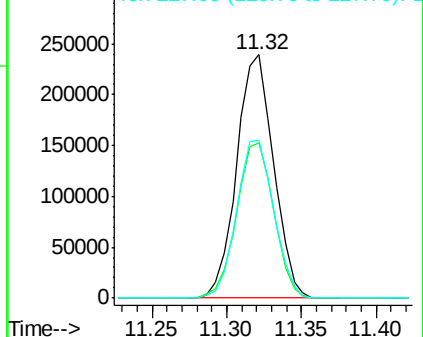


#34
Hexachlorobutadiene
Concen: 46.21 ng
RT: 11.32 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:	225	Resp:	410125
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.6	74.4
227	64.7	54.5	81.7



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





#35

Caprolactam

Concen: 37.59 ng

RT: 11.93 min Scan# 1547

Delta R.T. 0.03 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

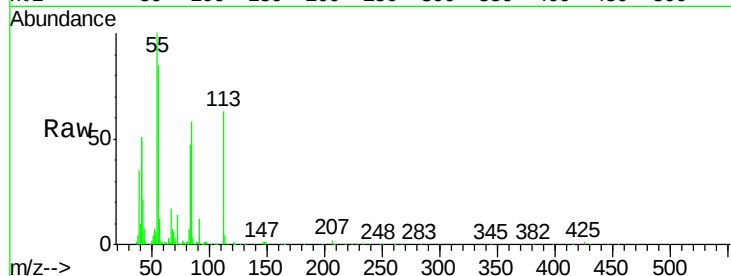
Tgt Ion:113 Resp: 113876

Ion Ratio Lower Upper

113 100

55 159.9 154.5 194.5

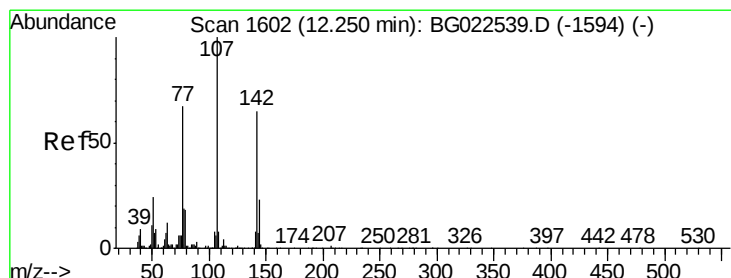
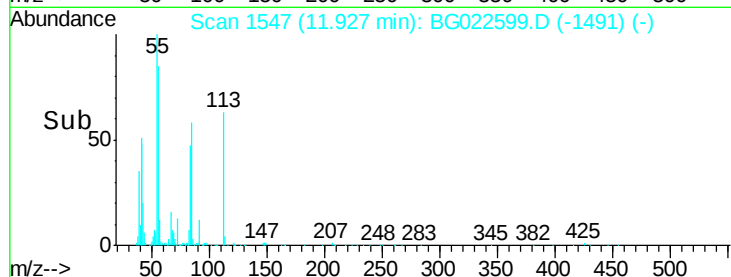
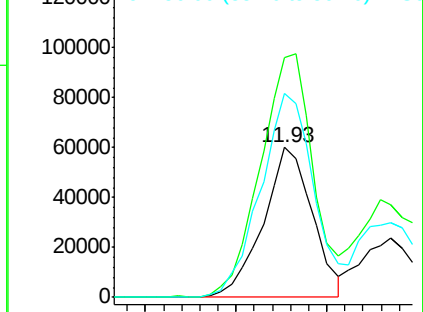
56 136.1 125.1 165.1



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: 55.10 ng

RT: 12.25 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

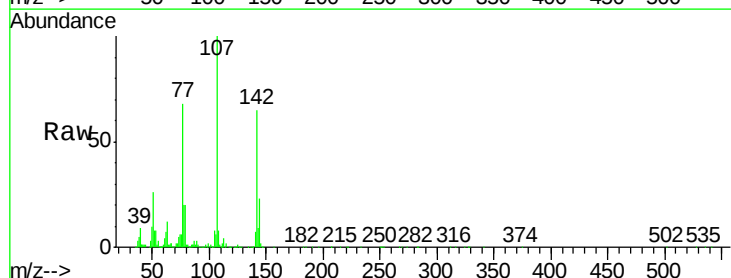
Tgt Ion:107 Resp: 650534

Ion Ratio Lower Upper

107 100

144 23.3 17.0 25.6

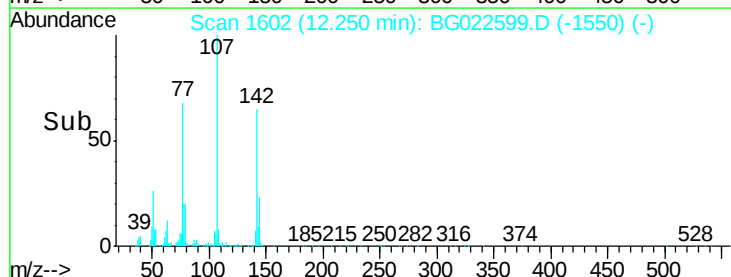
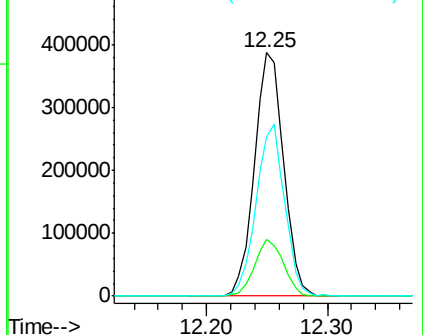
142 65.3 53.0 79.6

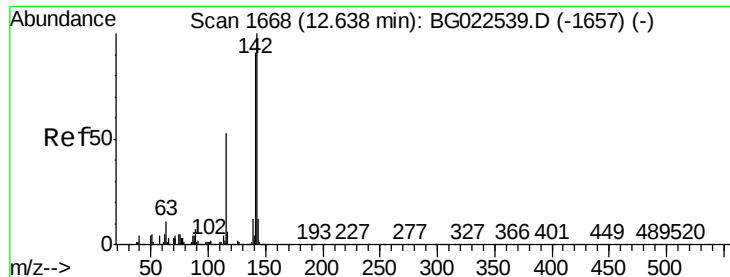


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

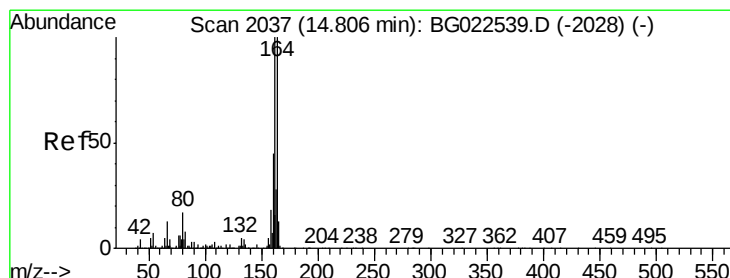
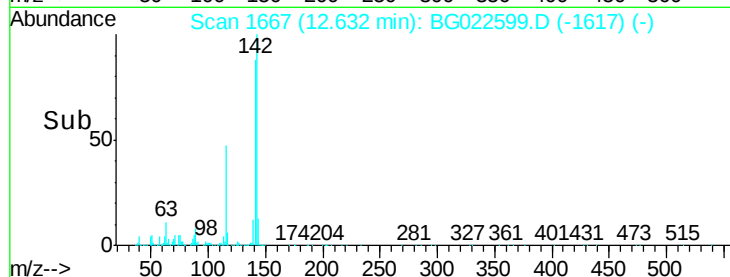
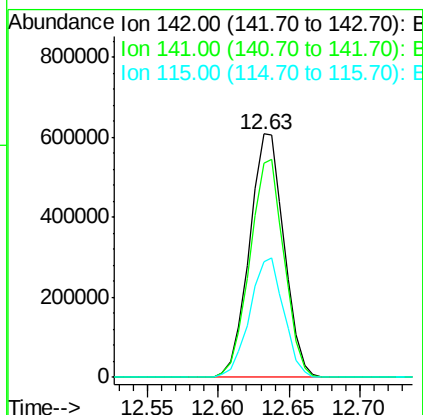
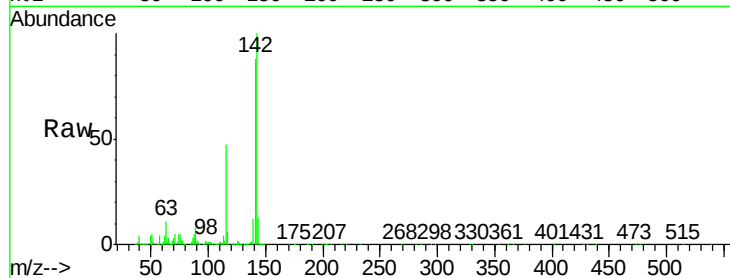




#37
2-Methylnaphthalene
Concen: 48.87 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

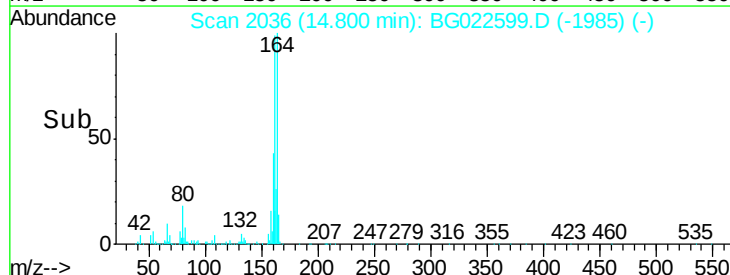
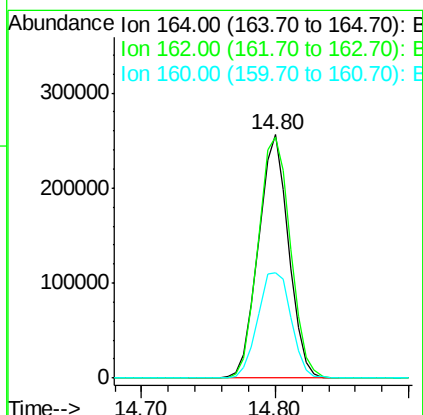
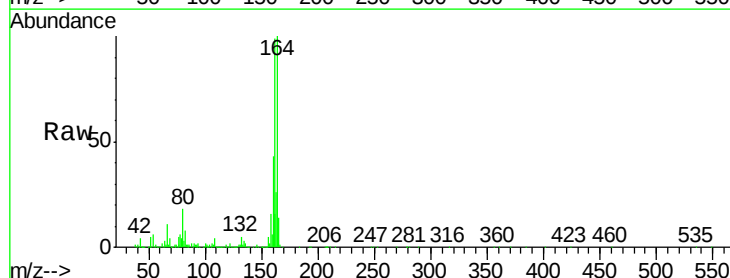
Instrument :
BNA_G
ClientSampleId :
TP-7MS

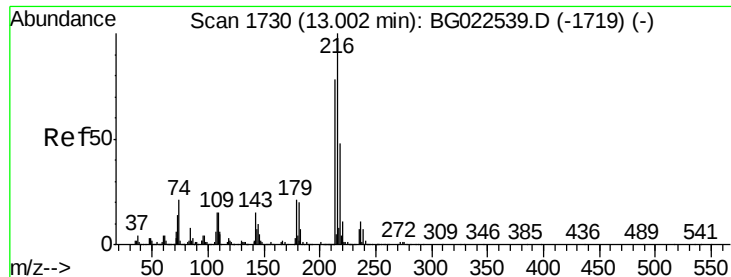
Tgt Ion:142 Resp: 1046372
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.2
115 47.3 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:164 Resp: 398300
Ion Ratio Lower Upper
164 100
162 99.2 87.7 131.5
160 43.2 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.87 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

Tgt Ion:216 Resp: 704720

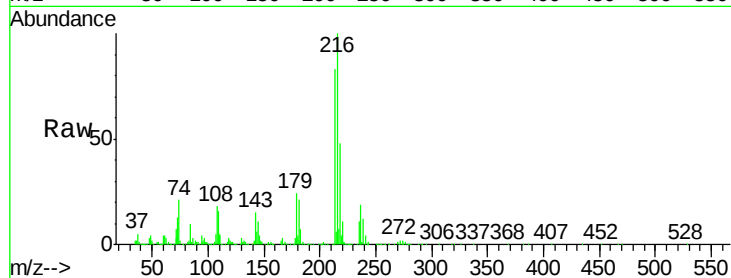
Ion Ratio Lower Upper

216 100

214 80.0 62.9 94.3

179 21.2 17.2 25.8

108 20.1 16.3 24.5

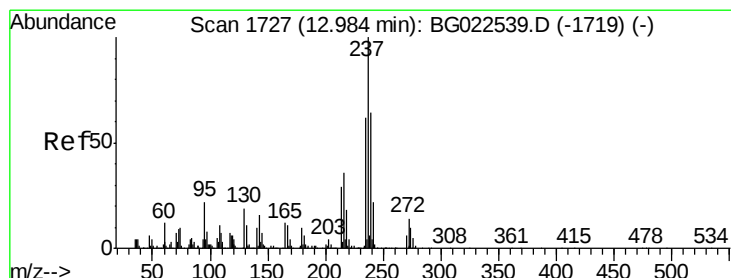
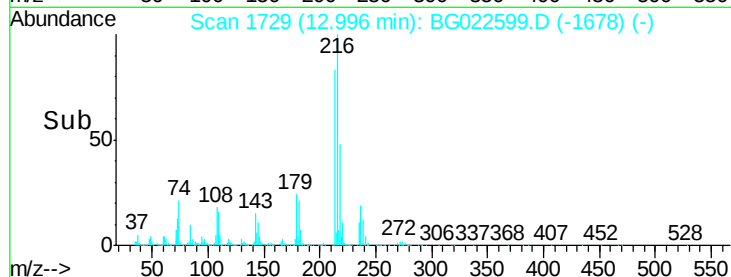
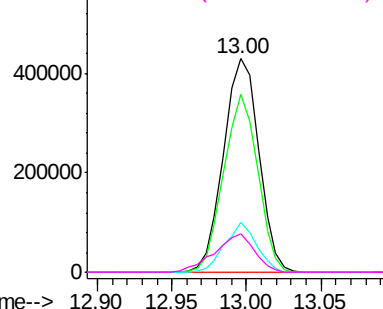


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.82 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

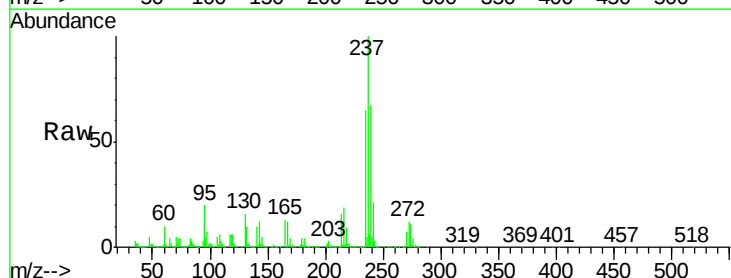
Tgt Ion:237 Resp: 934125

Ion Ratio Lower Upper

237 100

235 64.6 43.1 83.1

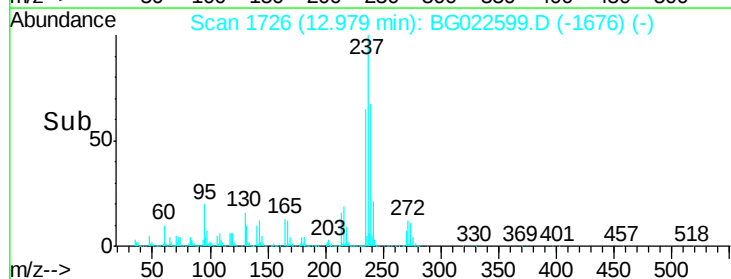
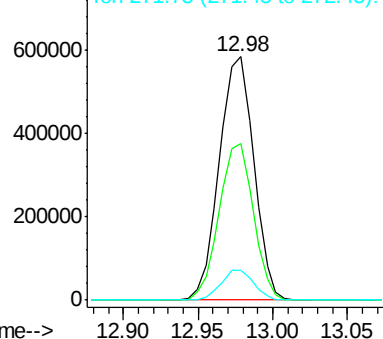
272 12.2 0.0 30.9

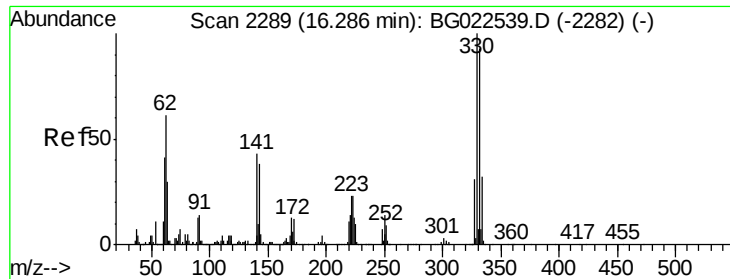


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

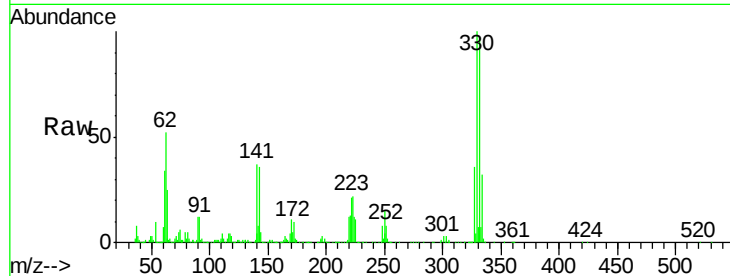




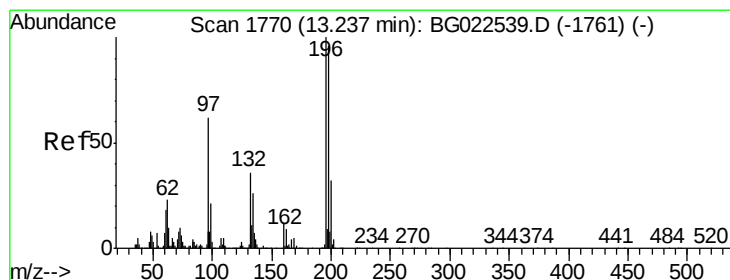
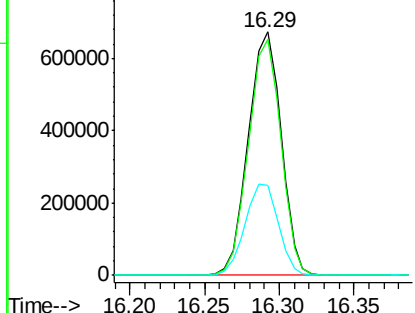
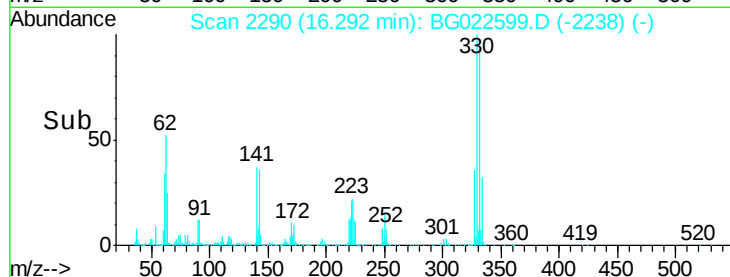
#41
 2,4,6-Tribromophenol
 Concen: 163.69 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

Tgt Ion:330 Resp: 1025442
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 38.0 31.7 47.5

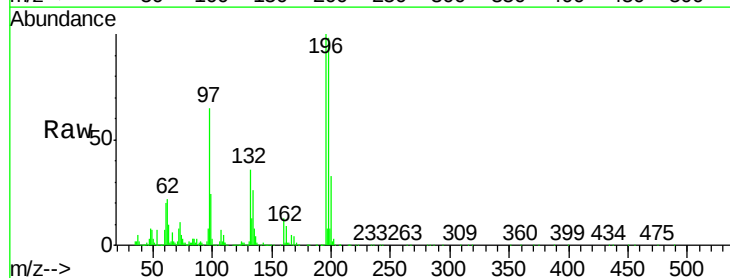


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

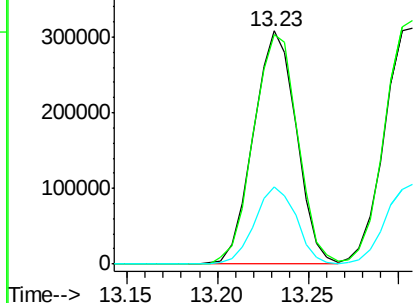
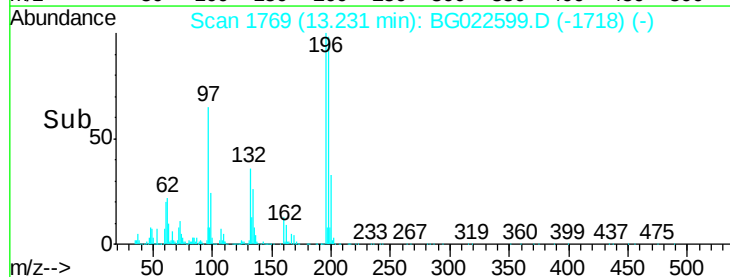


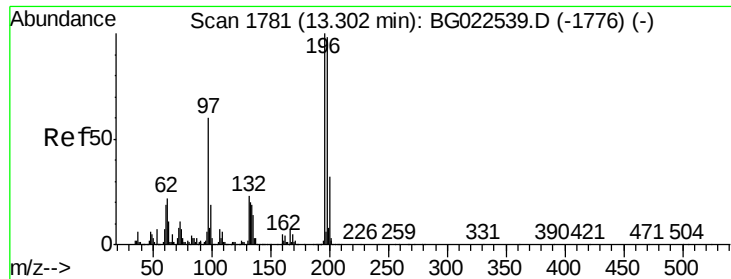
#42
 2,4,6-Trichlorophenol
 Concen: 52.36 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Tgt Ion:196 Resp: 504910
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.2 117.2
 200 33.0 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

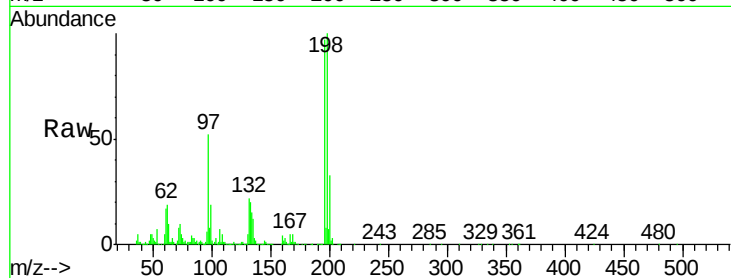




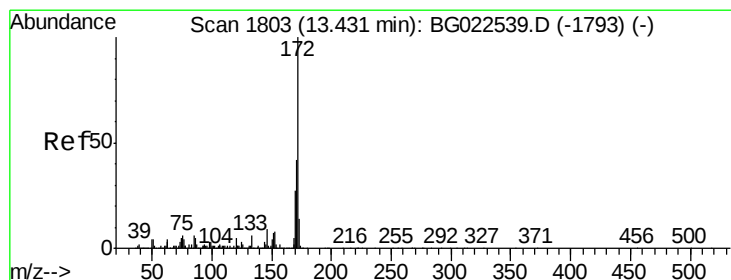
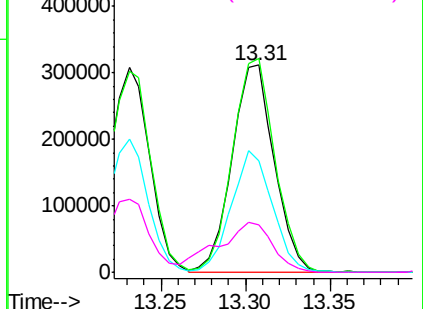
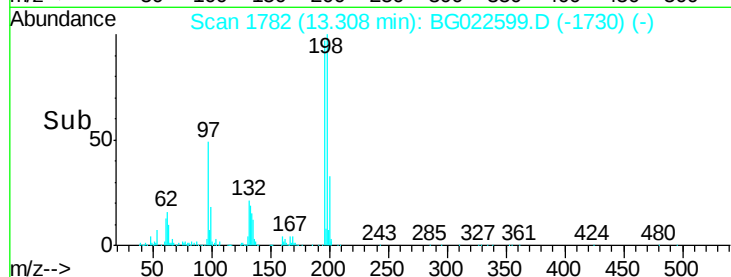
#43
 2,4,5-Trichlorophenol
 Concen: 53.58 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

Tgt Ion:196 Resp: 540644
 Ion Ratio Lower Upper
 196 100
 198 103.1 85.7 128.5
 97 53.7 45.5 68.3
 132 23.0 18.9 28.3

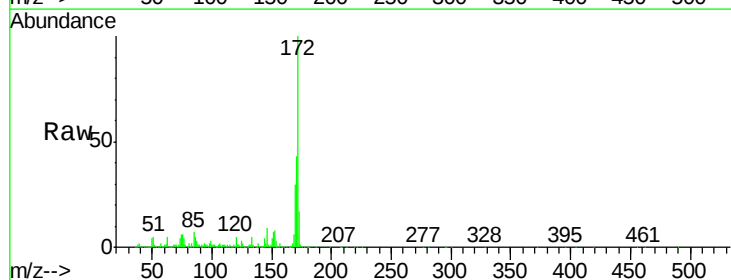


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

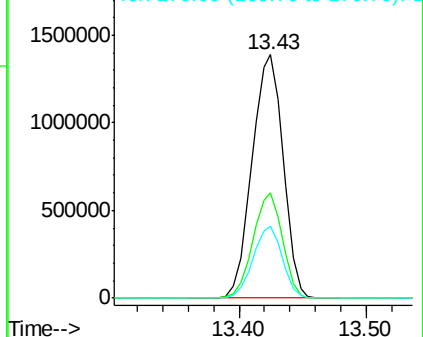
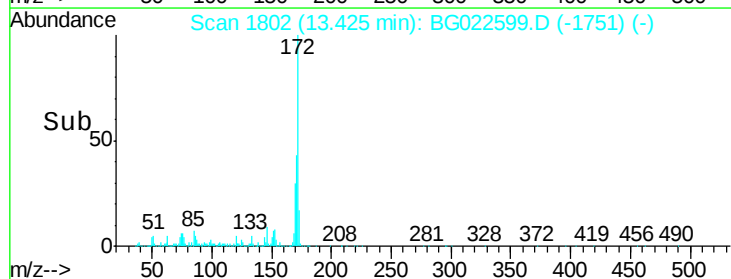


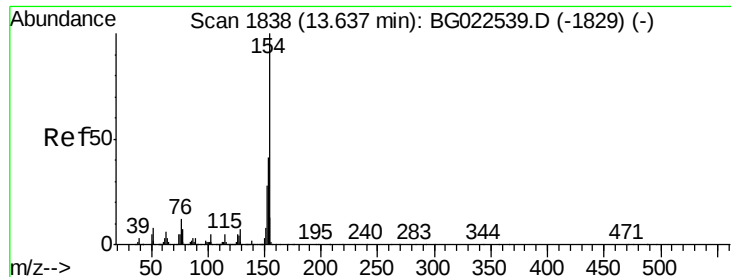
#44
 2-Fluorobiphenyl
 Concen: 94.23 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Tgt Ion:172 Resp: 2366571
 Ion Ratio Lower Upper
 172 100
 171 43.4 31.6 47.4
 170 29.6 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

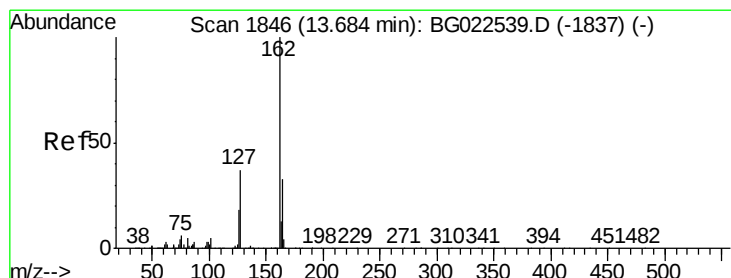
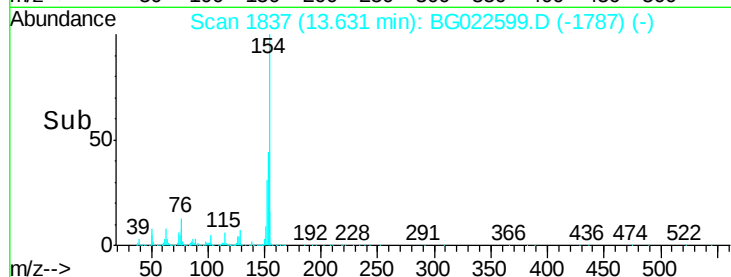
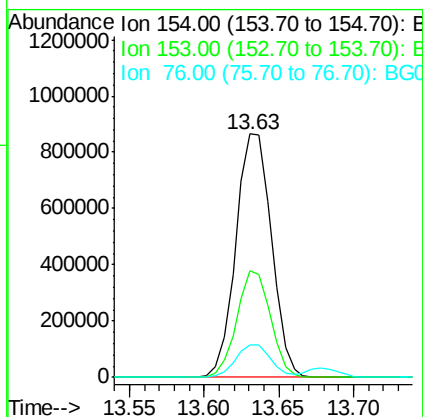
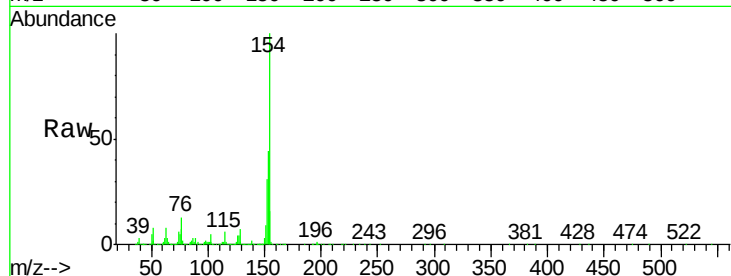




#45
 1,1'-Biphenyl
 Concen: 47.23 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

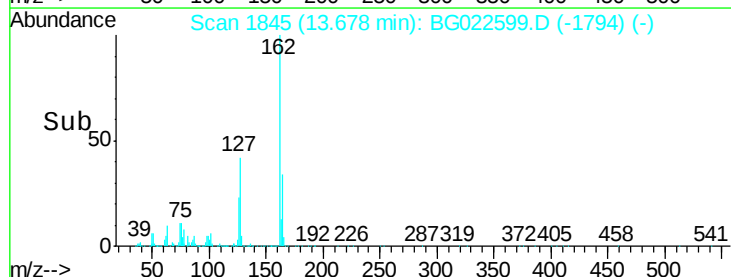
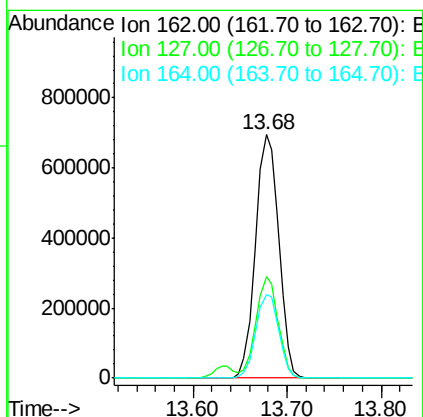
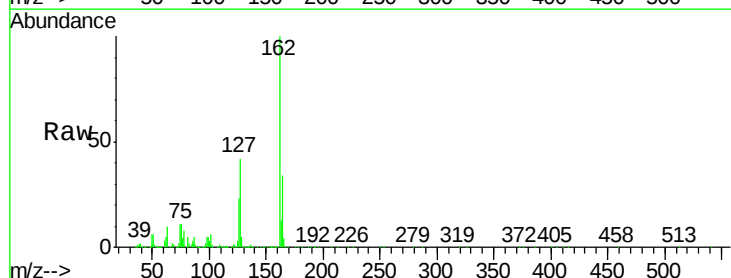
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

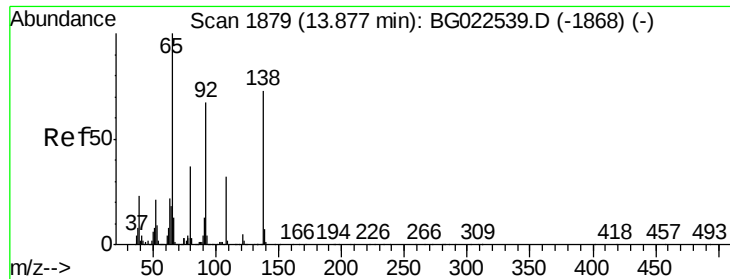
Tgt Ion:154 Resp: 1432981
 Ion Ratio Lower Upper
 154 100
 153 43.6 20.2 60.2
 76 13.5 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 47.62 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Tgt Ion:162 Resp: 1188904
 Ion Ratio Lower Upper
 162 100
 127 41.6 32.4 48.6
 164 34.1 25.2 37.8

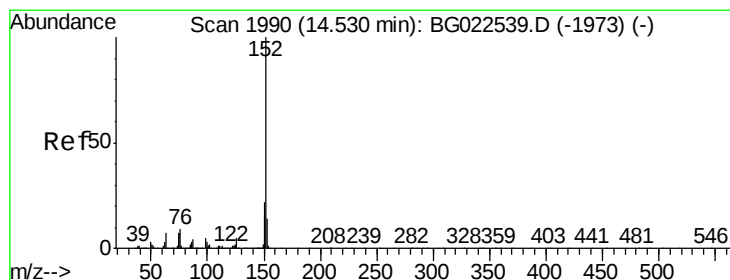
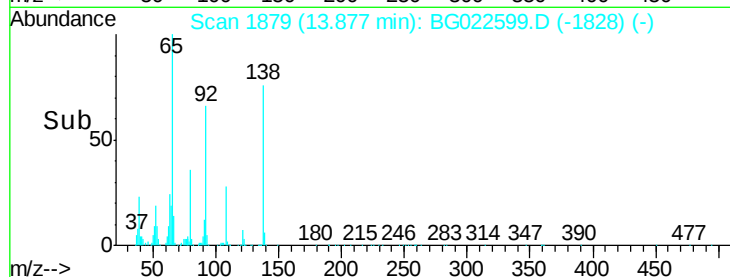
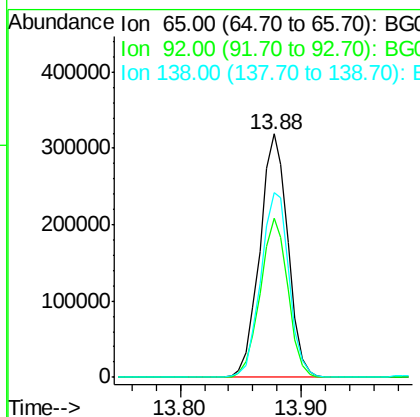
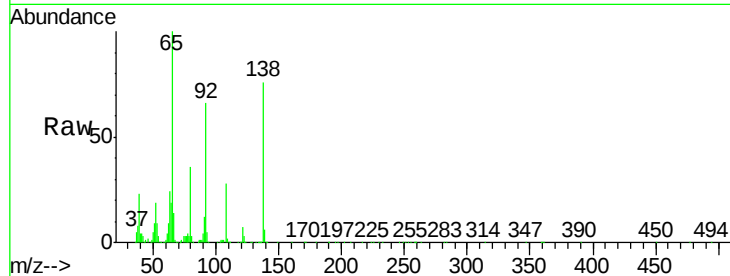




#47
 2-Nitroaniline
 Concen: 53.51 ng
 RT: 13.88 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

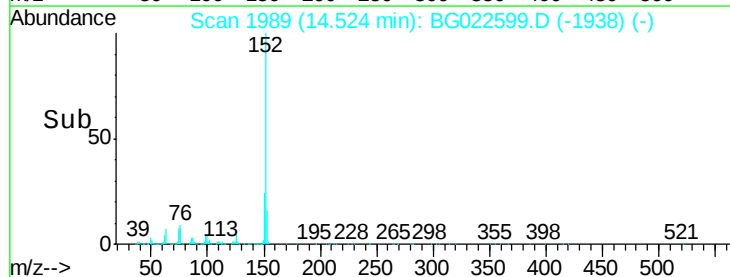
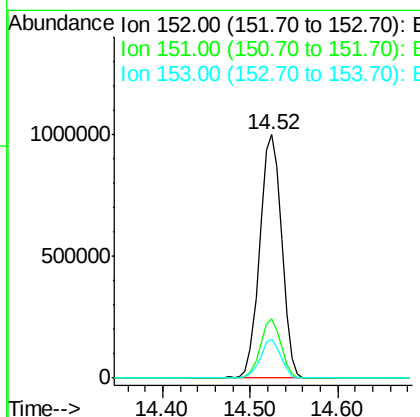
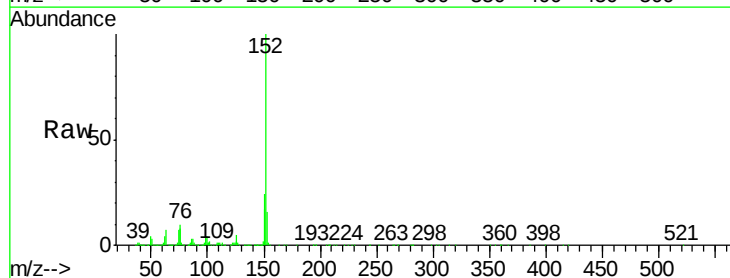
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

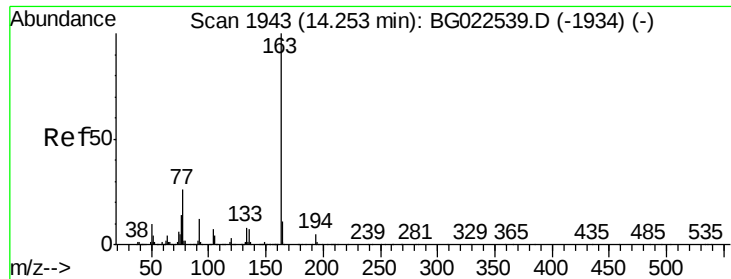
Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	49.4	74.0
138	75.9	58.0	87.0



#48
 Acenaphthylene
 Concen: 47.74 ng
 RT: 14.52 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.1	17.6	26.4
153	15.9	11.4	17.2

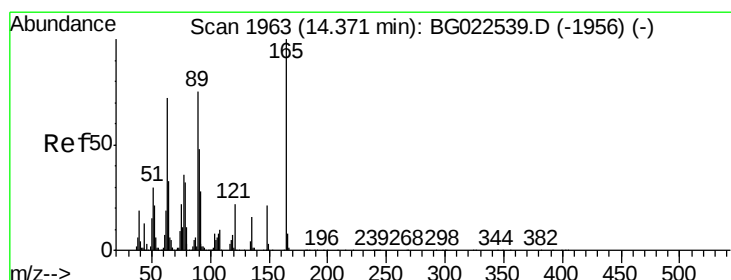
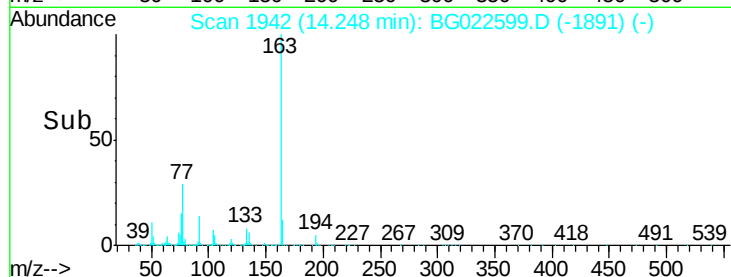
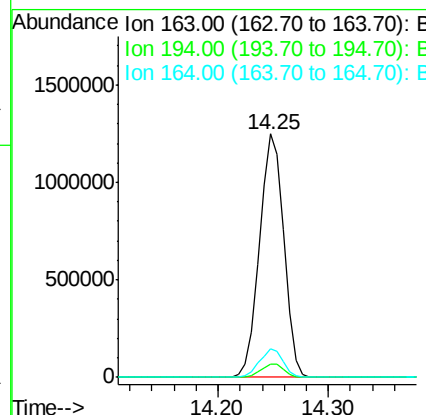
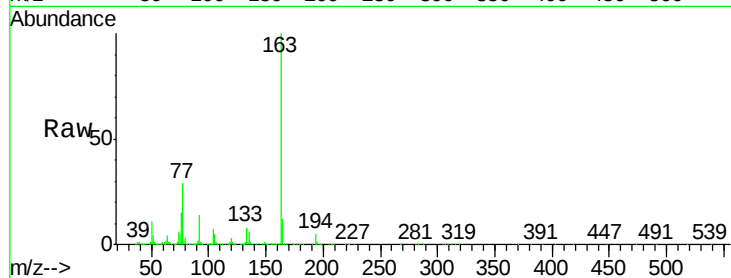




#49
Dimethylphthalate
Concen: 58.46 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

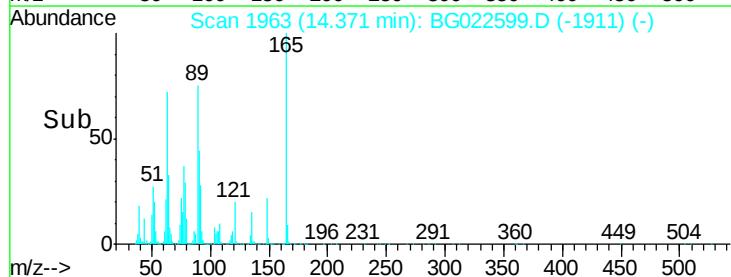
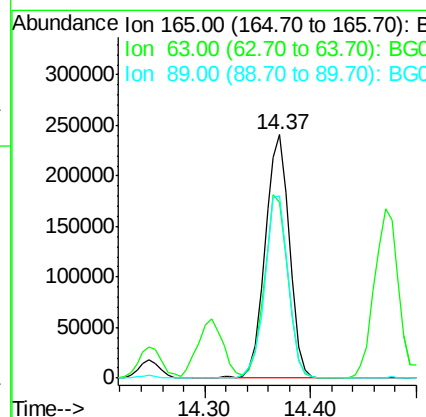
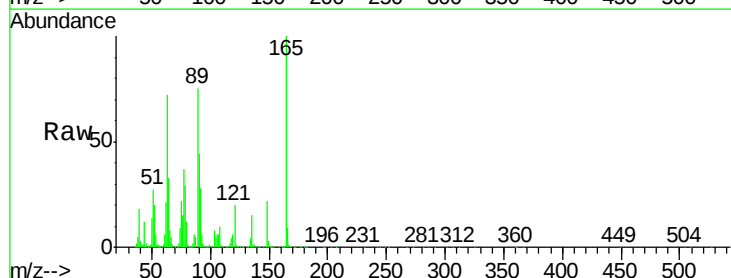
Instrument :
BNA_G
ClientSampleId :
TP-7MS

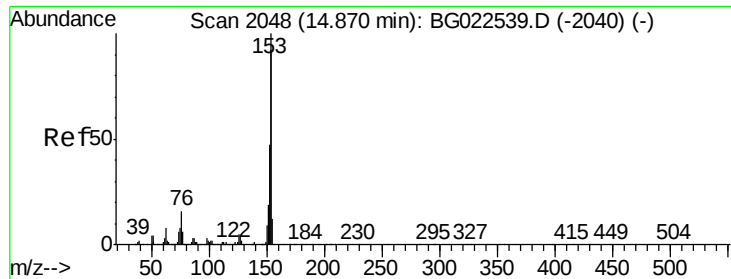
Tgt Ion:163 Resp: 1931633
Ion Ratio Lower Upper
163 100
194 5.4 3.6 5.4#
164 11.6 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 53.43 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:165 Resp: 383634
Ion Ratio Lower Upper
165 100
63 72.3 64.3 96.5
89 74.9 64.3 96.5





#51

Acenaphthene

Concen: 43.38 ng

RT: 14.86 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

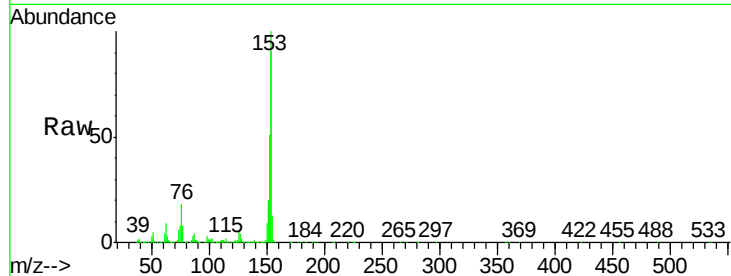
Tgt Ion:154 Resp: 1157149

Ion Ratio Lower Upper

154 100

153 110.2 87.5 131.3

152 56.3 42.7 64.1

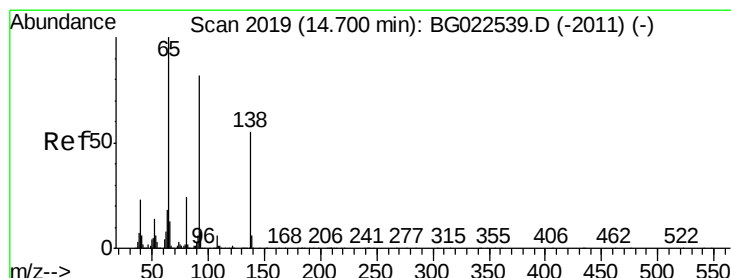
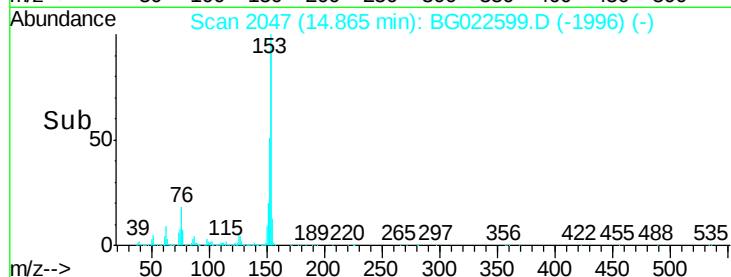
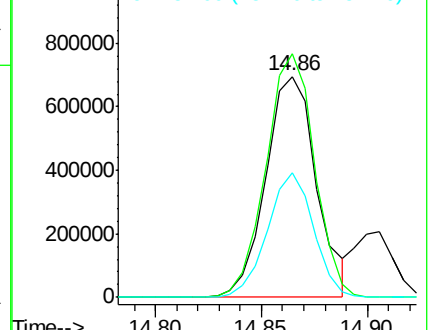


Abundance

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: 45.50 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

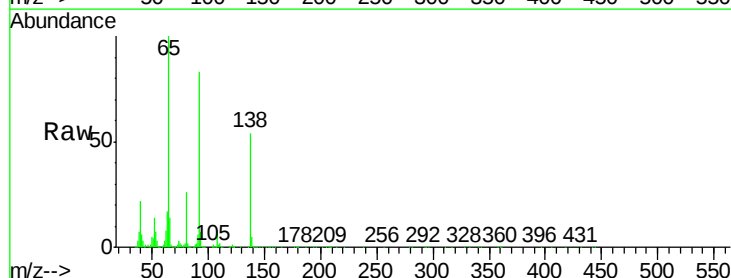
Tgt Ion:138 Resp: 305649

Ion Ratio Lower Upper

138 100

108 14.4 11.7 17.5

92 153.3 129.7 194.5

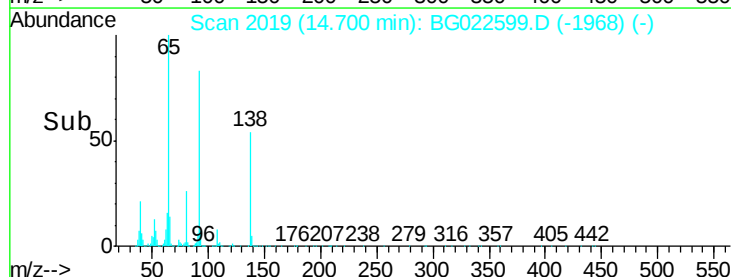
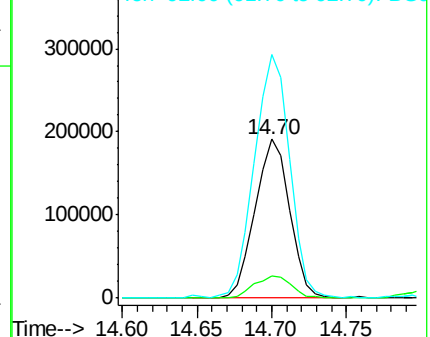


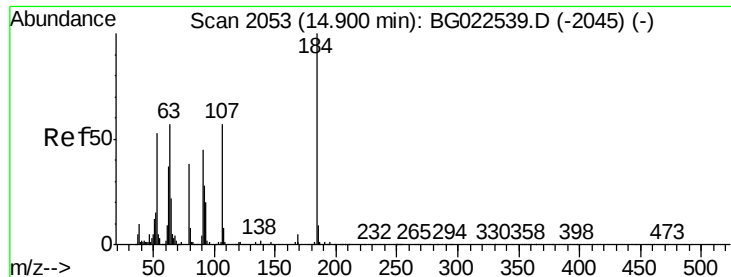
Abundance

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): BGC

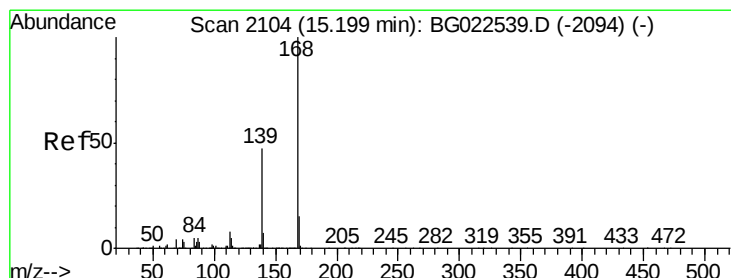
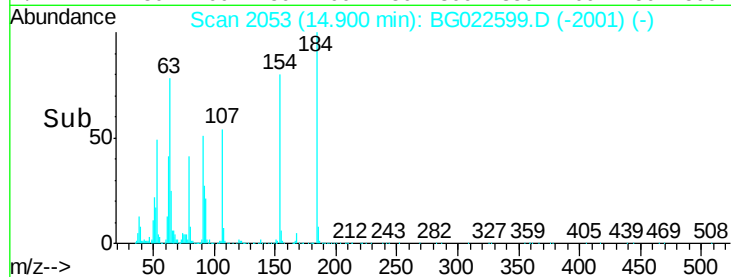
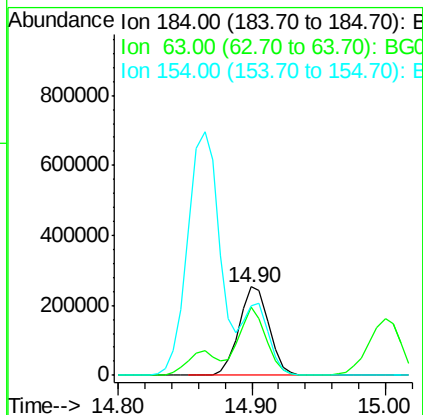
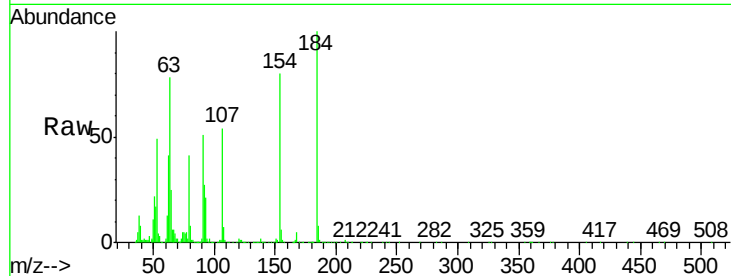




#53
2,4-Dinitrophenol
Concen: 88.89 ng
RT: 14.90 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

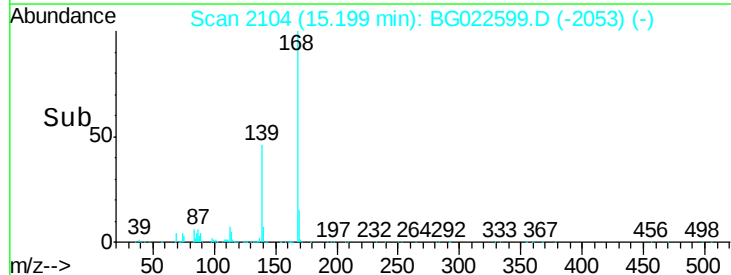
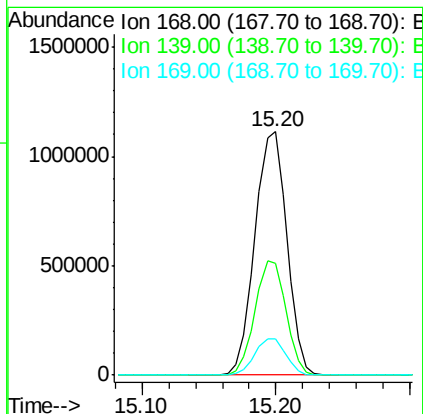
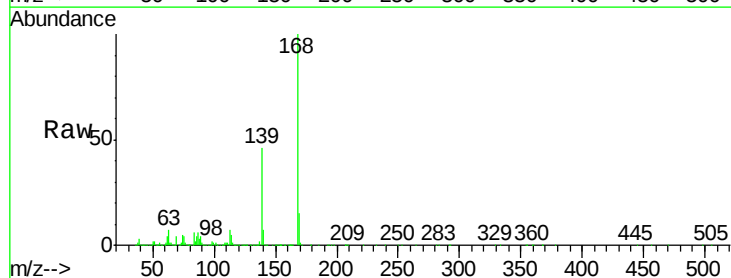
Instrument :
BNA_G
ClientSampleId :
TP-7MS

Tgt Ion:184 Resp: 393095
Ion Ratio Lower Upper
184 100
63 78.0 59.6 89.4
154 79.5 67.4 101.0



#54
Dibenzofuran
Concen: 47.50 ng
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:168 Resp: 1835397
Ion Ratio Lower Upper
168 100
139 45.8 36.4 54.6
169 15.1 11.9 17.9

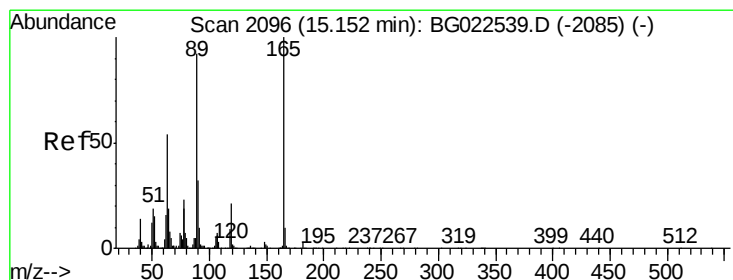
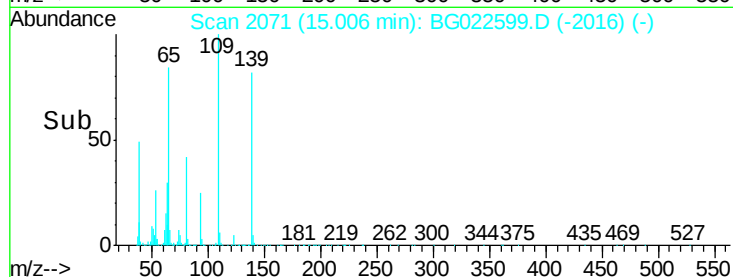
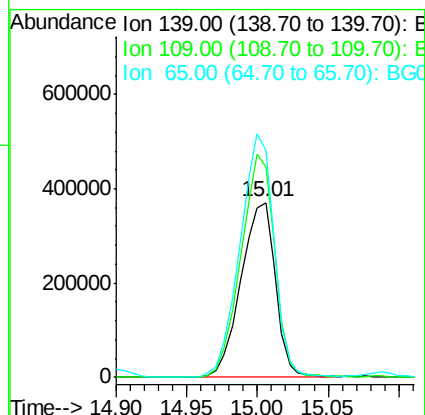
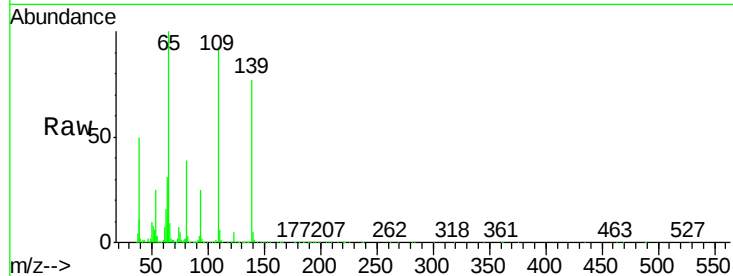




#55
4-Nitrophenol
Concen: 111.41 ng
RT: 15.01 min Scan# 2071
Delta R.T. 0.02 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

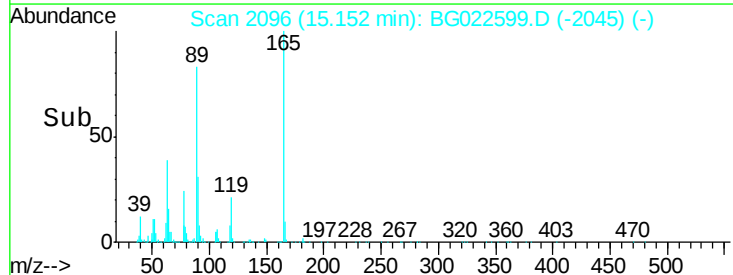
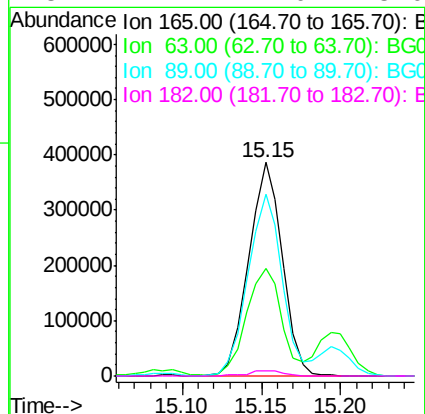
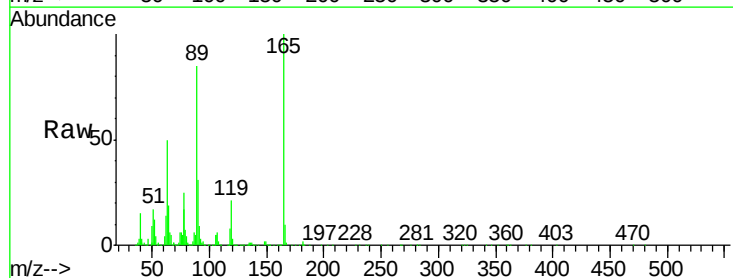
Instrument :
BNA_G
ClientSampleId :
TP-7MS

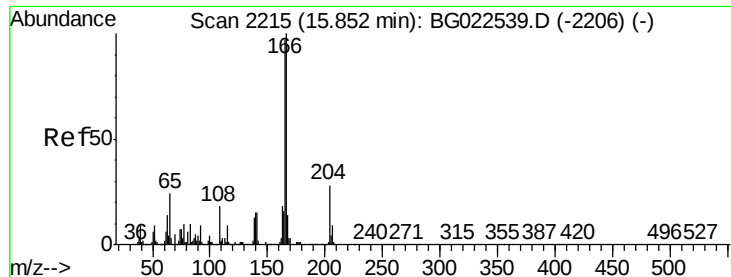
Tgt Ion:139 Resp: 632916
Ion Ratio Lower Upper
139 100
109 120.4 103.0 143.0
65 129.8 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 57.08 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:165 Resp: 567690
Ion Ratio Lower Upper
165 100
63 50.1 45.8 68.6
89 84.9 68.6 102.8
182 2.2 2.0 3.0

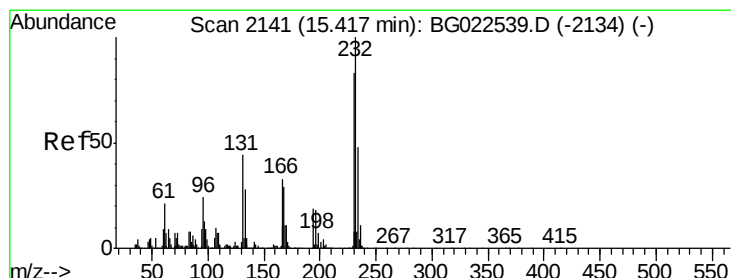
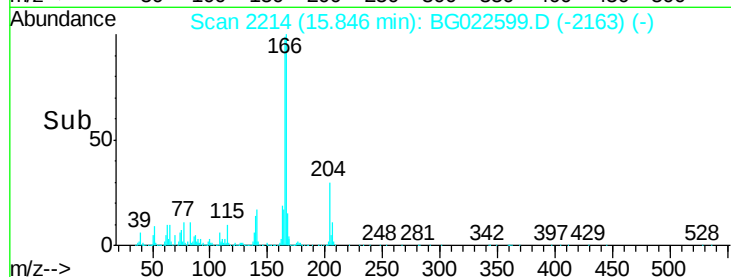
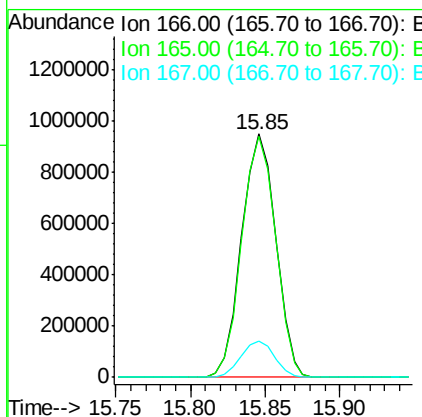
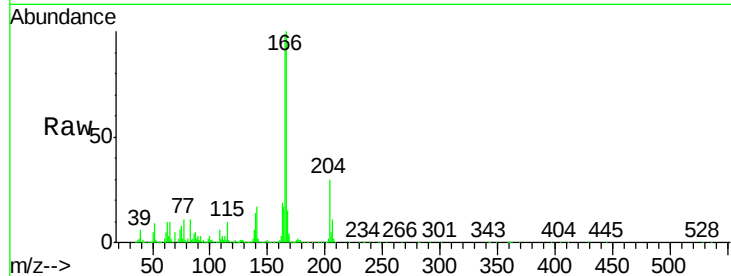




#57
Fluorene
 Concen: 49.00 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

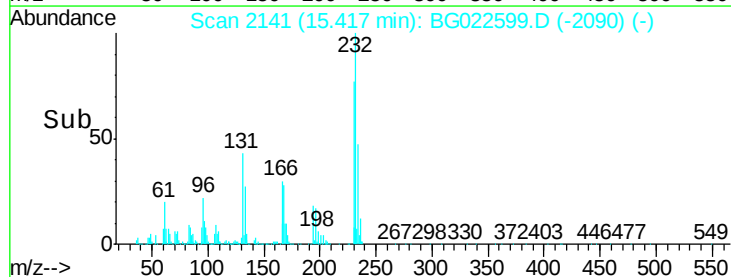
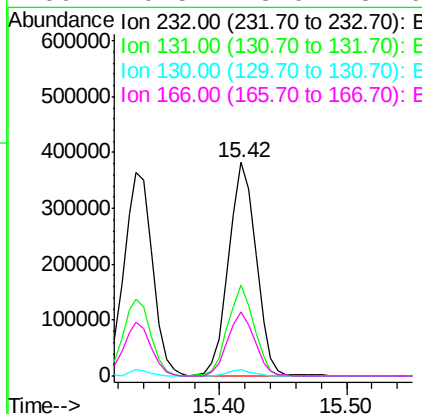
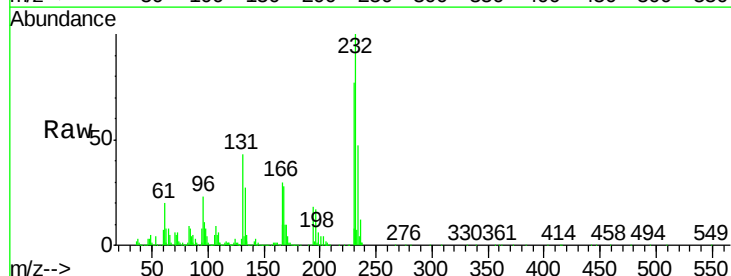
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

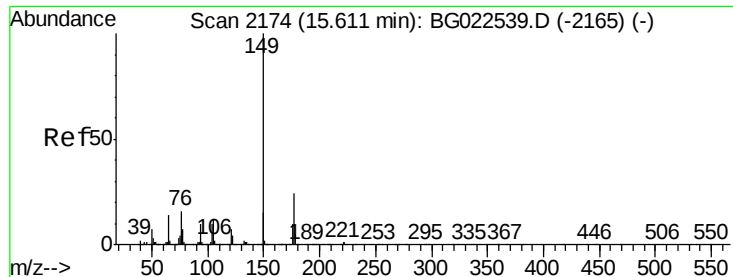
Tgt Ion:166 Resp: 1510718
 Ion Ratio Lower Upper
 166 100
 165 98.8 81.0 121.6
 167 14.9 12.0 18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.70 ng
 RT: 15.42 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Tgt Ion:232 Resp: 572195
 Ion Ratio Lower Upper
 232 100
 131 40.6 32.7 49.1
 130 2.6 2.6 3.8
 166 29.5 23.0 34.6

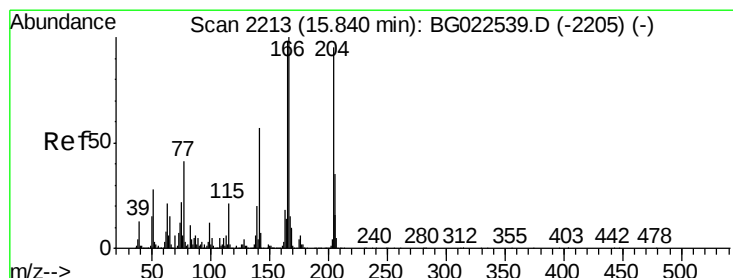
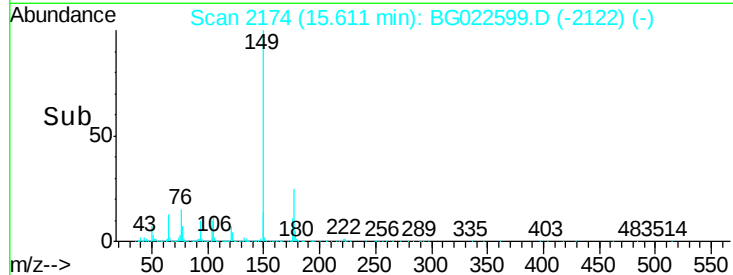
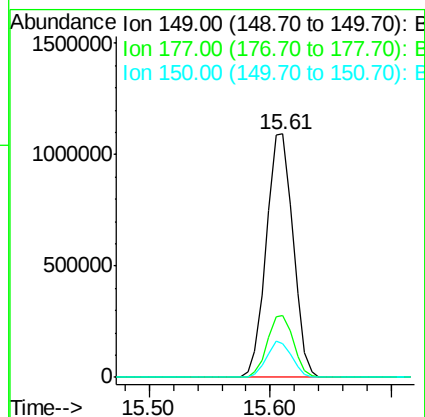
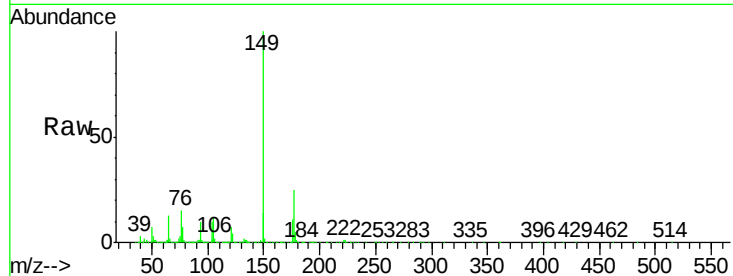




#59
Diethylphthalate
Concen: 49.24 ng
RT: 15.61 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

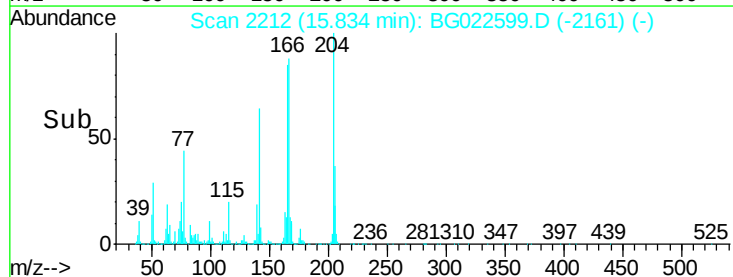
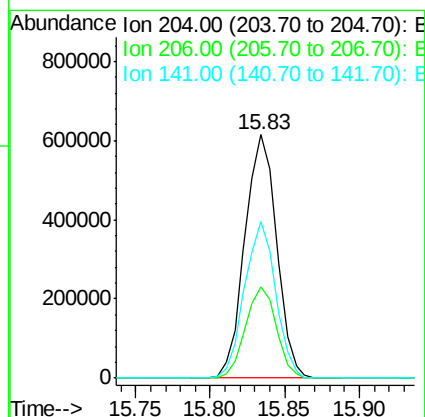
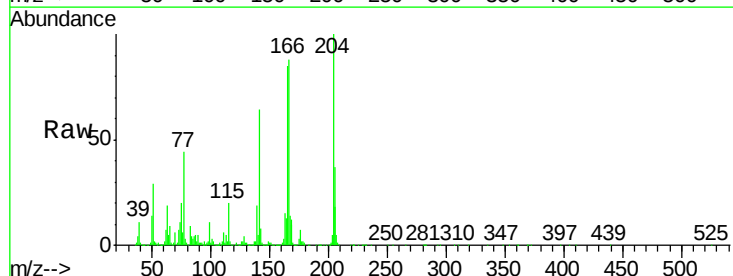
Instrument :
BNA_G
ClientSampleId :
TP-7MS

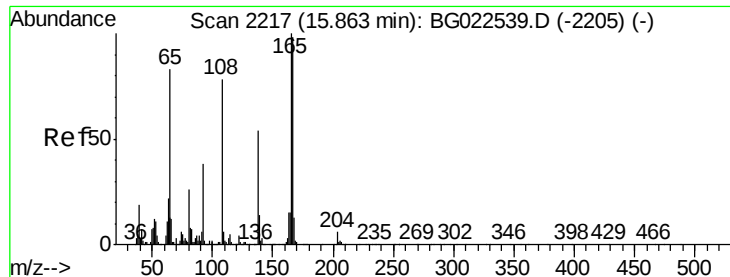
Tgt Ion:149 Resp: 1672570
Ion Ratio Lower Upper
149 100
177 25.4 19.2 28.8
150 13.9 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 49.35 ng
RT: 15.83 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:204 Resp: 905893
Ion Ratio Lower Upper
204 100
206 37.4 28.5 42.7
141 64.1 51.4 77.0

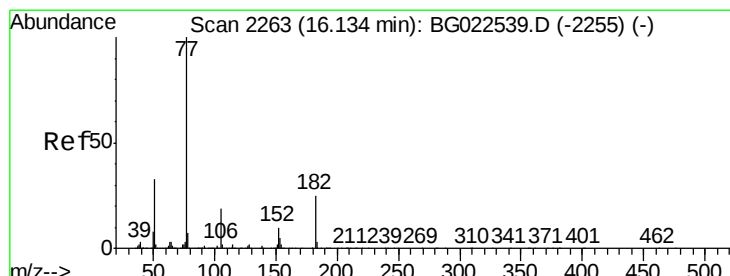
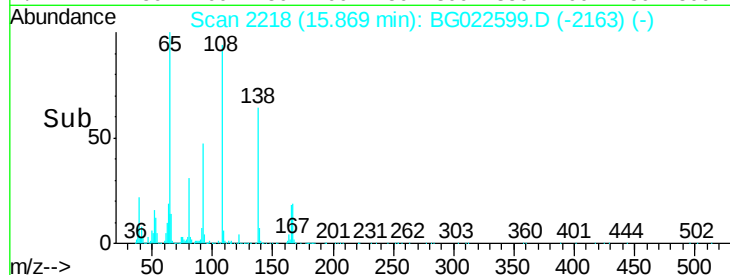
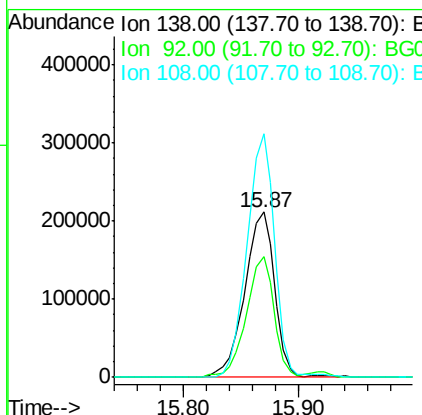
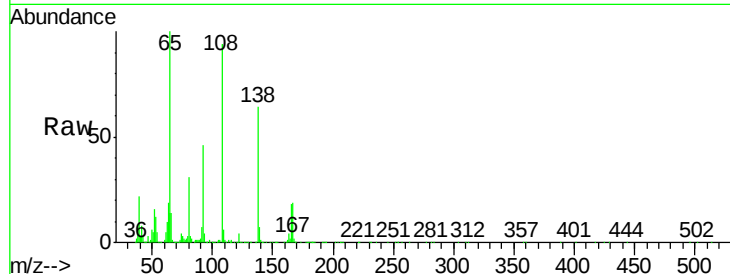




#61
4-Nitroaniline
Concen: 55.27 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

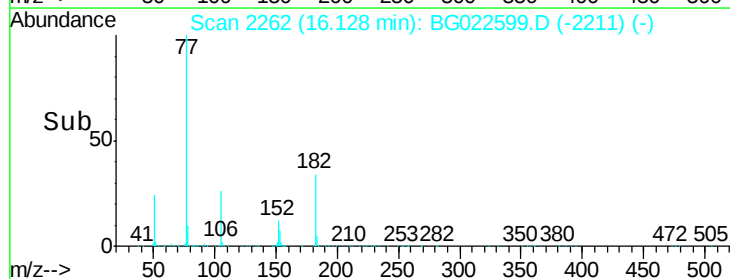
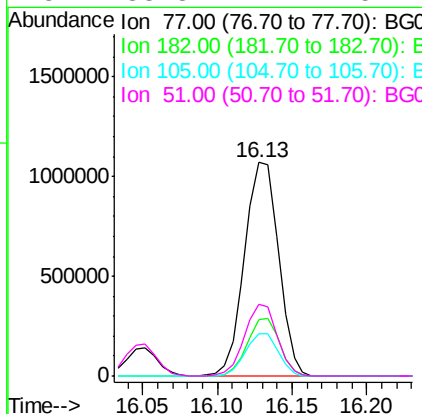
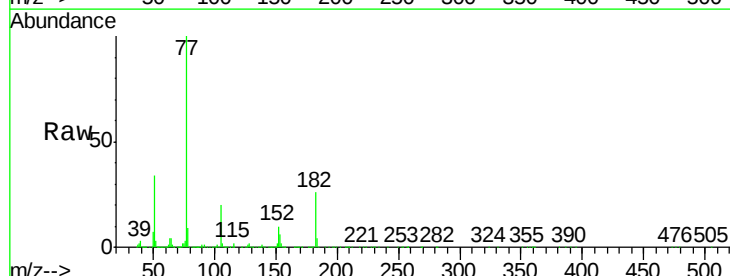
Instrument :
BNA_G
ClientSampleId :
TP-7MS

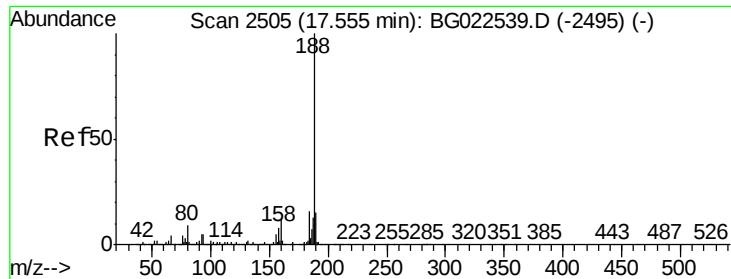
Tgt Ion:138 Resp: 383097
Ion Ratio Lower Upper
138 100
92 72.7 54.1 94.1
108 147.1 133.9 173.9



#62
Azobenzene
Concen: 45.99 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion: 77 Resp: 1691713
Ion Ratio Lower Upper
77 100
182 26.2 3.5 43.5
105 20.0 0.0 38.5
51 33.8 17.1 57.1

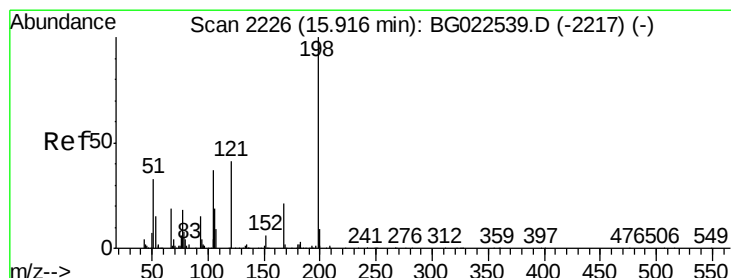
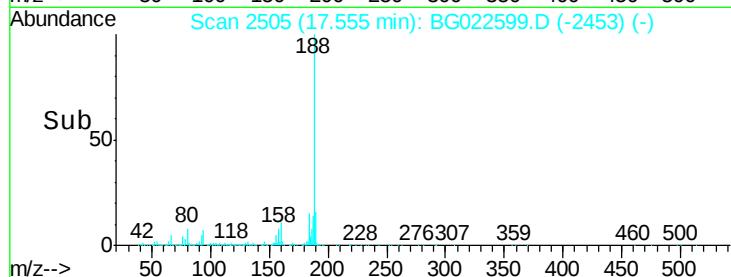
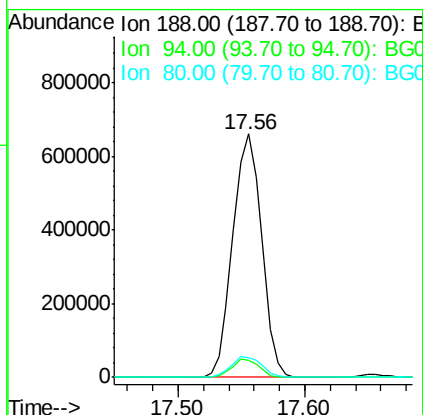
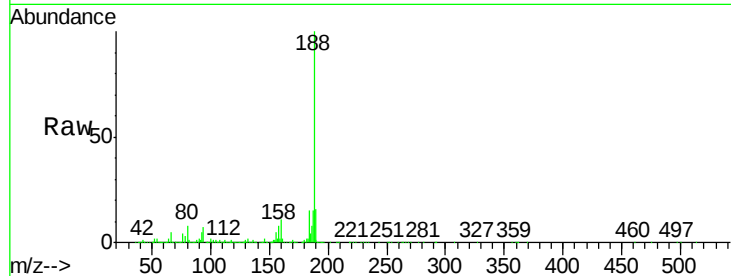




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

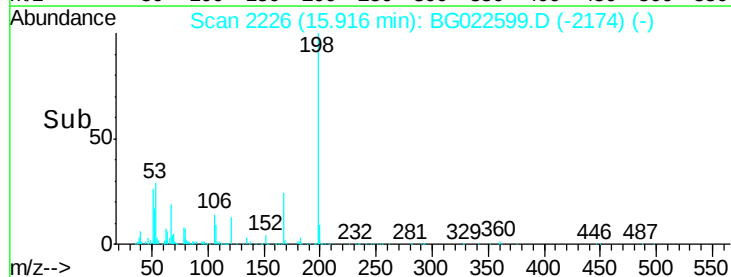
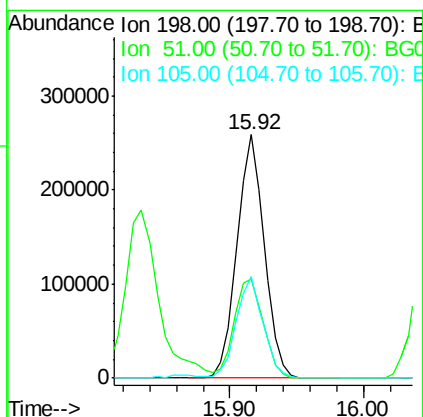
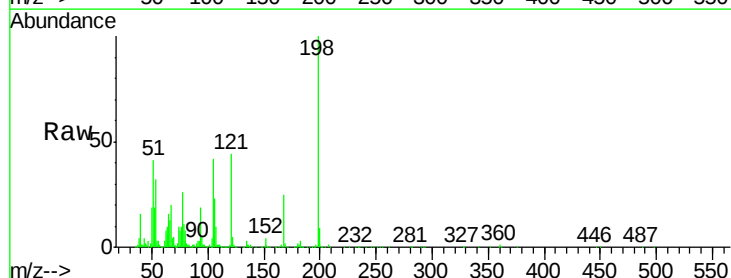
Instrument :
BNA_G
ClientSampleId :
TP-7MS

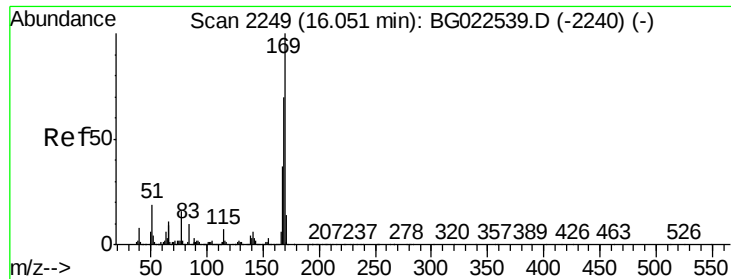
Tgt Ion:188 Resp: 1041824
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 8.1 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 52.55 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:198 Resp: 367137
Ion Ratio Lower Upper
198 100
51 40.8 26.0 66.0
105 41.7 20.1 60.1

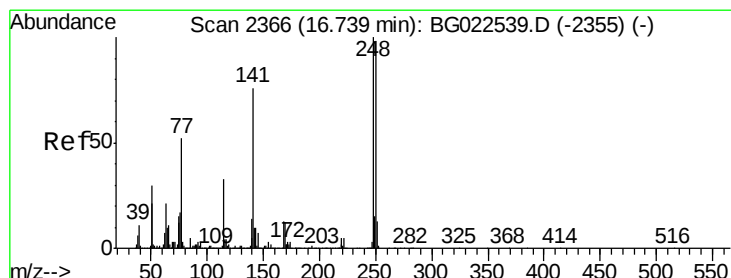
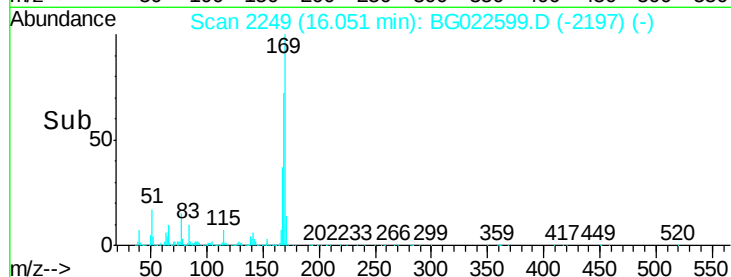
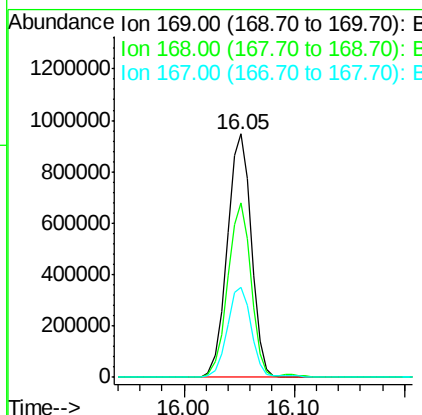
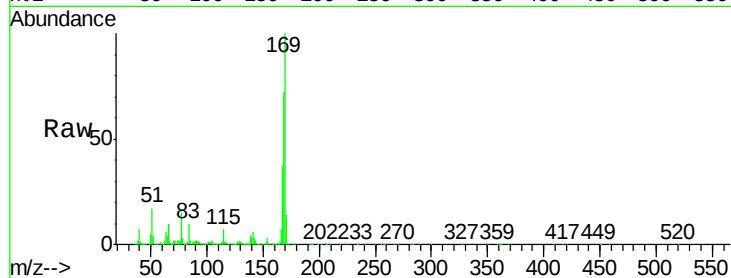




#65
n-Nitrosodiphenylamine
Concen: 47.66 ng
RT: 16.05 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

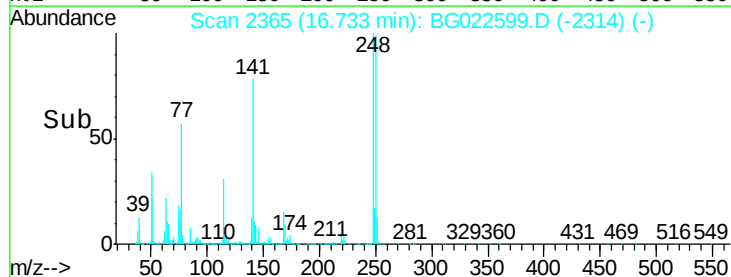
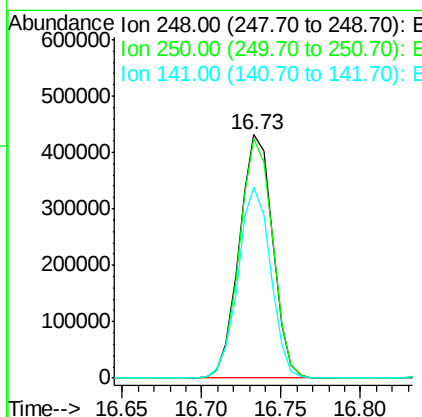
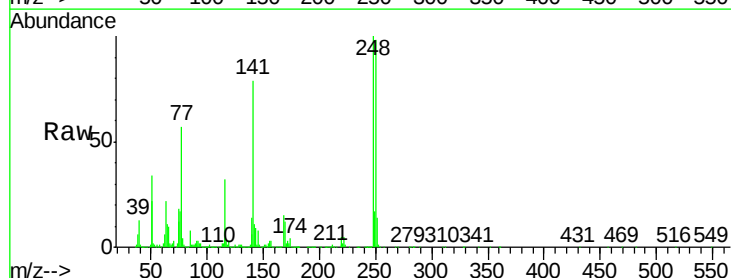
Instrument :
BNA_G
ClientSampleId :
TP-7MS

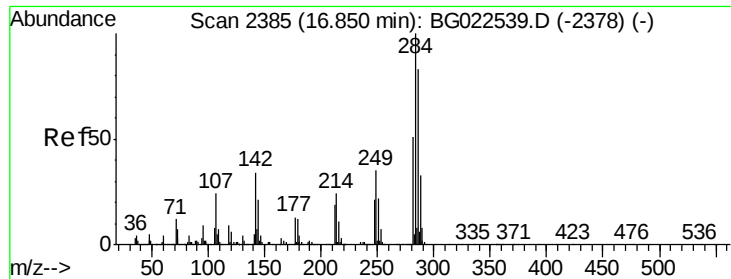
Tgt Ion:169 Resp: 1444917
Ion Ratio Lower Upper
169 100
168 71.7 55.0 82.4
167 37.0 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 46.65 ng
RT: 16.73 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:248 Resp: 630515
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.8
141 78.7 65.7 98.5

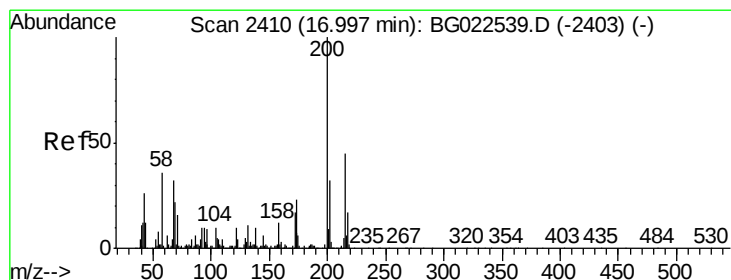
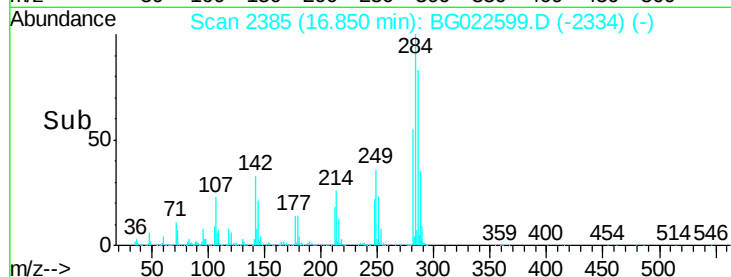
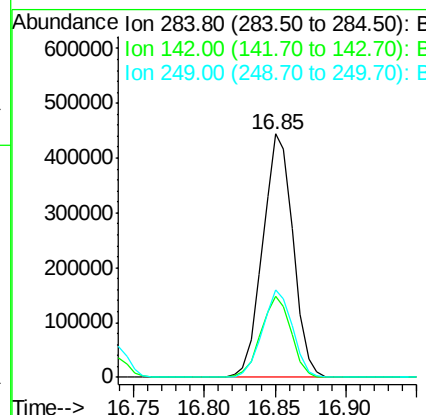
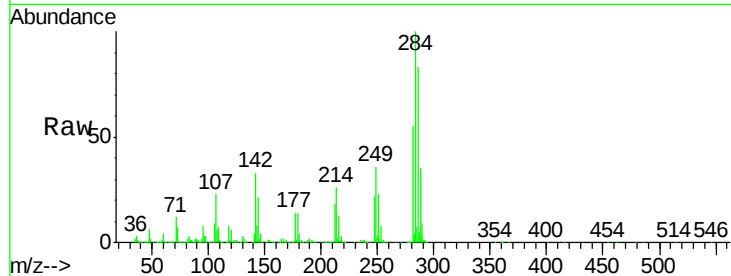




#67
Hexachlorobenzene
Concen: 46.96 ng
RT: 16.85 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

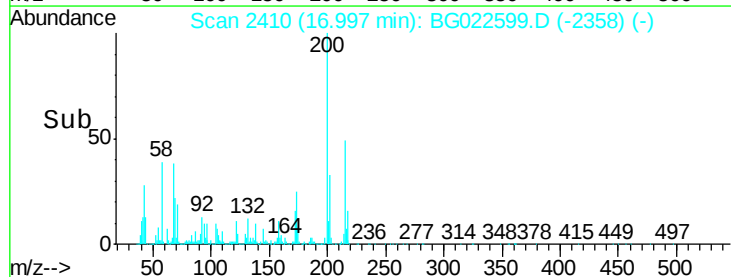
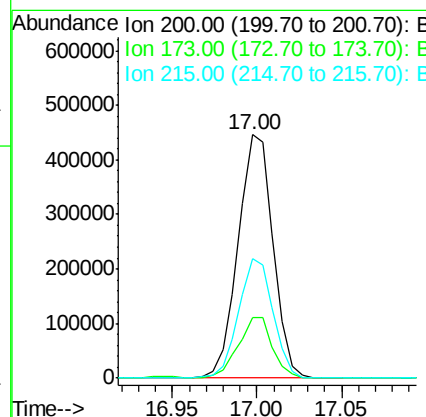
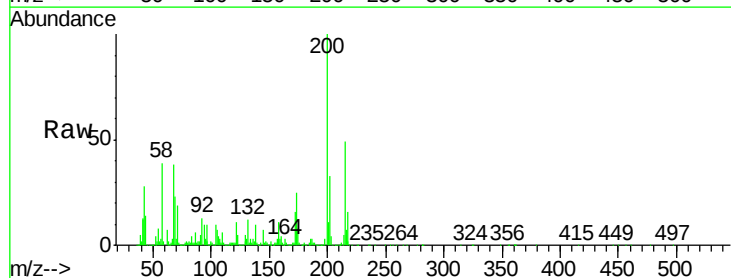
Instrument :
BNA_G
ClientSampleId :
TP-7MS

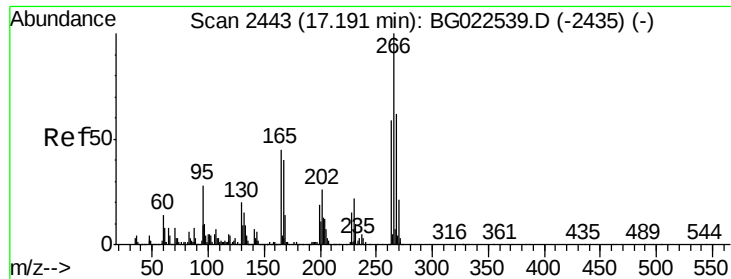
Tgt Ion:284 Resp: 671072
Ion Ratio Lower Upper
284 100
142 33.3 26.8 40.2
249 35.8 28.9 43.3



#68
Atrazine
Concen: 50.12 ng
RT: 17.00 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG022599.D
Acq: 26 Jun 2016 7:25

Tgt Ion:200 Resp: 641493
Ion Ratio Lower Upper
200 100
173 25.1 1.6 41.6
215 48.9 28.7 68.7





#69

Pentachlorophenol

Concen: 98.57 ng

RT: 17.20 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

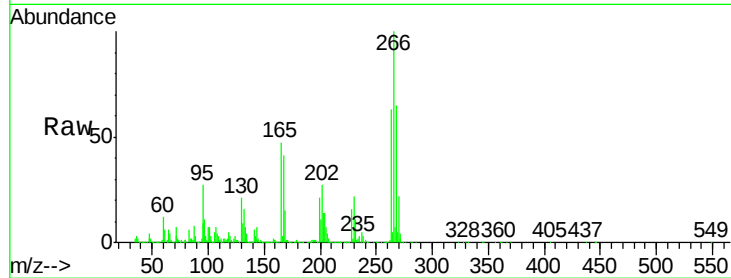
Tgt Ion:266 Resp: 969418

Ion Ratio Lower Upper

266 100

268 65.0 51.9 77.9

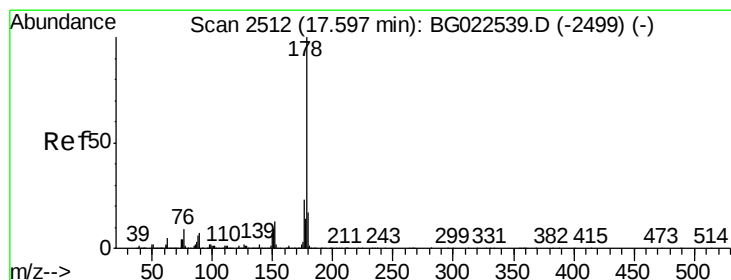
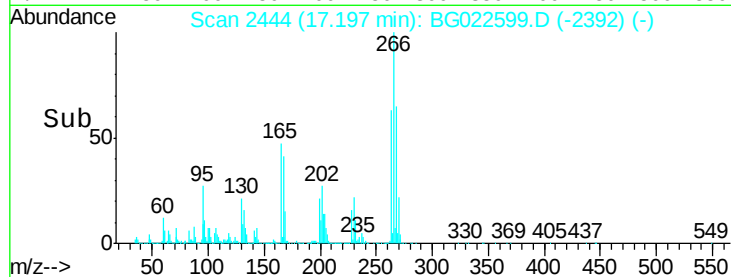
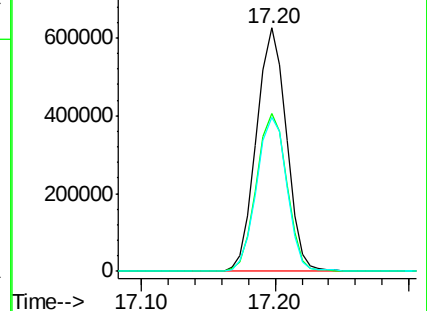
264 63.2 50.6 75.8



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: 45.29 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

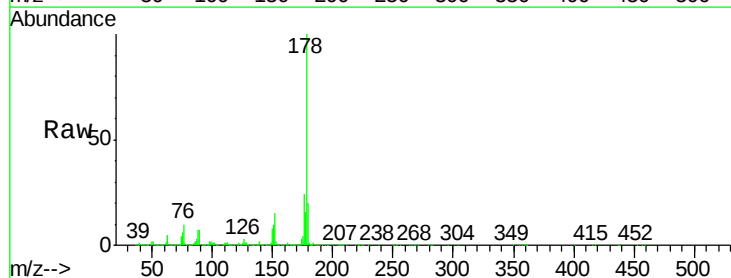
Tgt Ion:178 Resp: 2405970

Ion Ratio Lower Upper

178 100

176 24.3 16.8 25.2

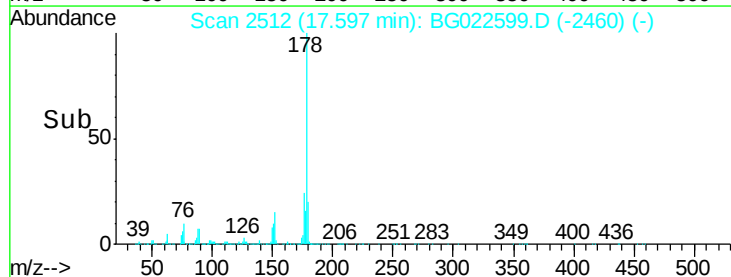
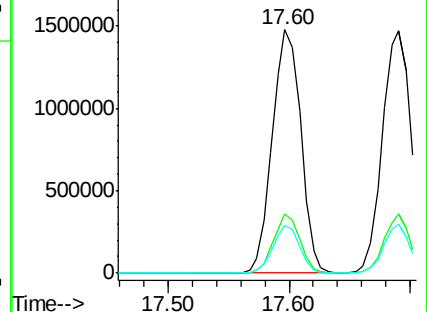
179 19.8 14.3 21.5

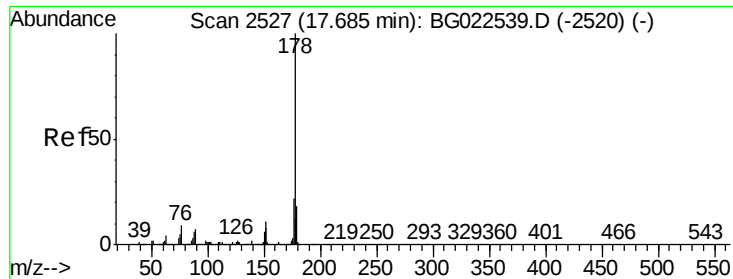


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 44.50 ng

RT: 17.69 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

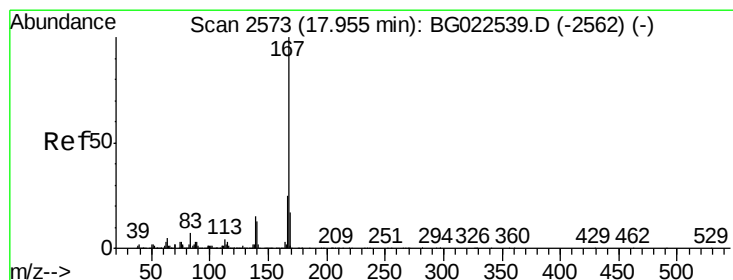
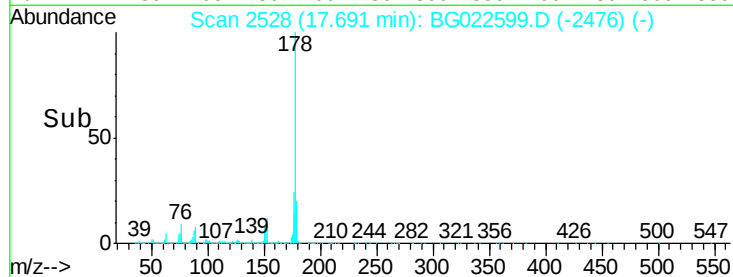
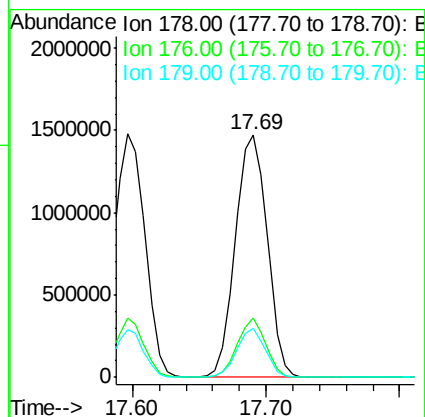
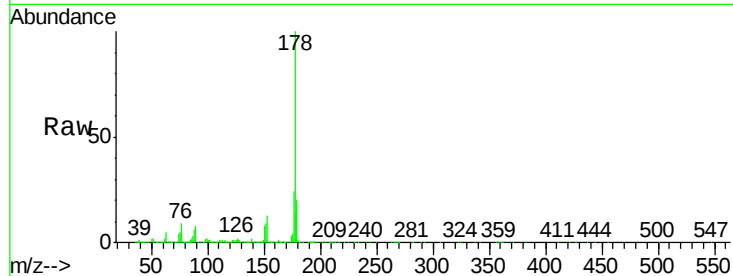
Tgt Ion:178 Resp: 2433204

Ion Ratio Lower Upper

178 100

176 24.3 17.3 25.9

179 20.3 14.0 21.0



#72

Carbazole

Concen: 48.34 ng

RT: 17.96 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

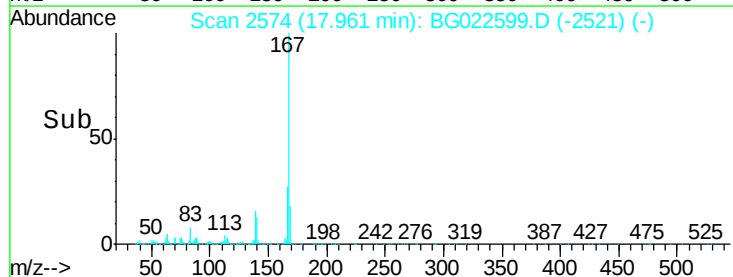
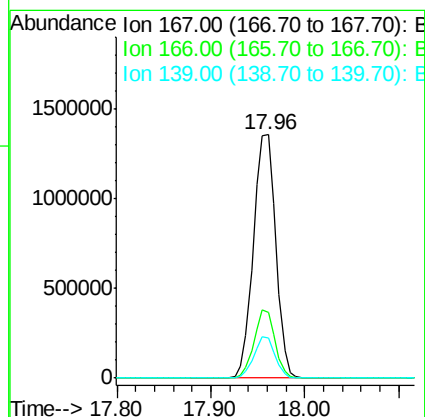
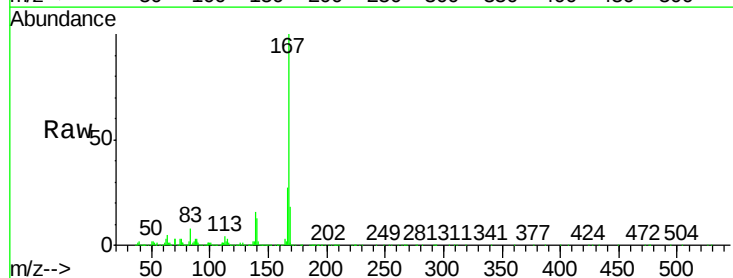
Tgt Ion:167 Resp: 2240536

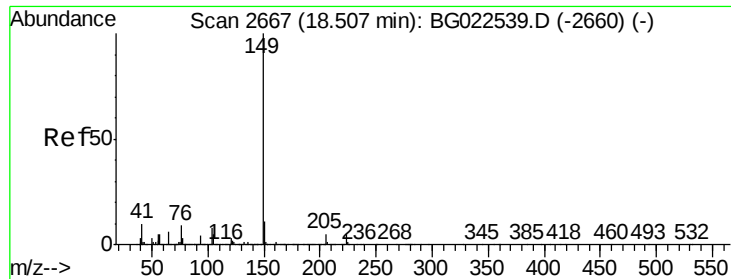
Ion Ratio Lower Upper

167 100

166 26.9 20.7 31.1

139 16.4 11.9 17.9





#73

Di-n-butylphthalate

Concen: 46.52 ng

RT: 18.51 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

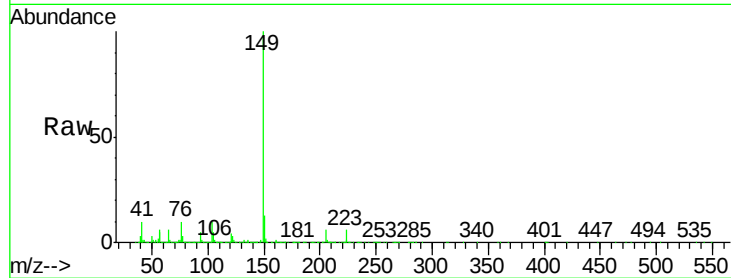
Tgt Ion:149 Resp: 2511189

Ion Ratio Lower Upper

149 100

150 12.7 9.1 13.7

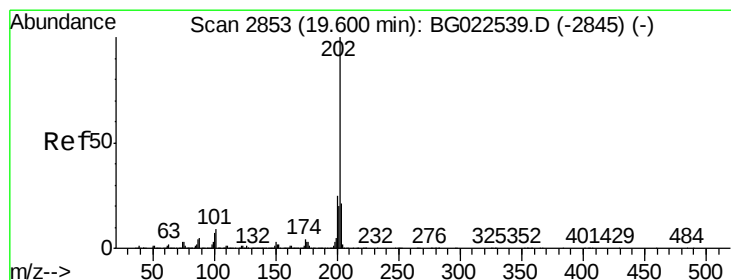
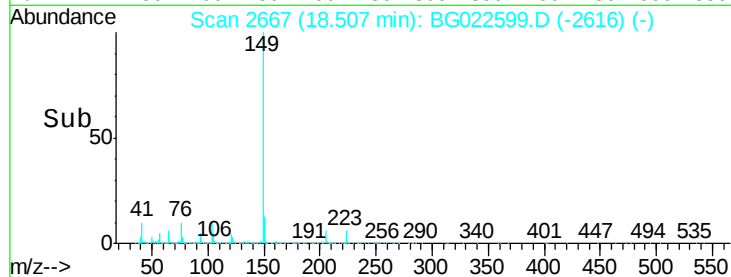
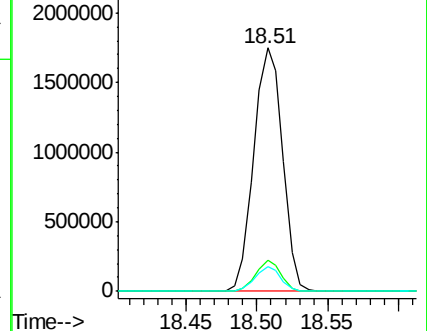
104 10.0 6.9 10.3



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: 46.24 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

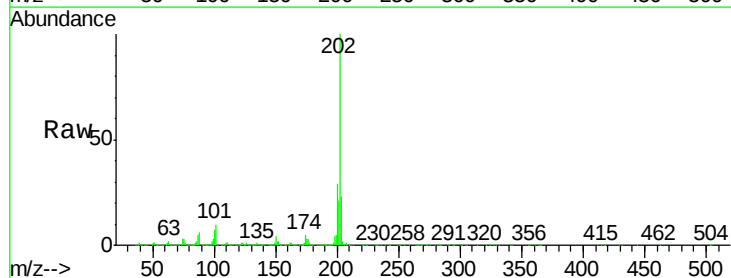
Tgt Ion:202 Resp: 2830554

Ion Ratio Lower Upper

202 100

101 9.9 0.0 27.4

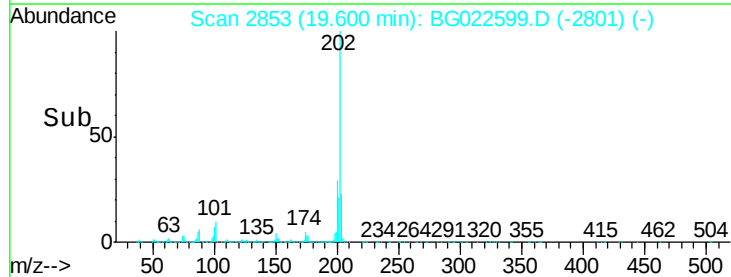
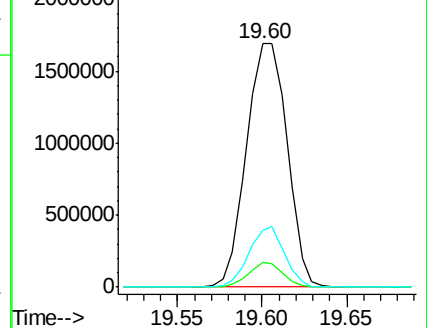
203 23.2 1.7 41.7

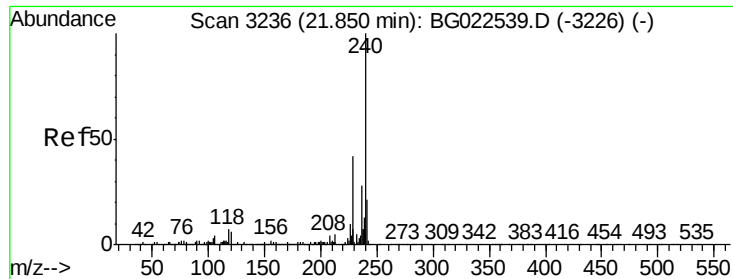


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

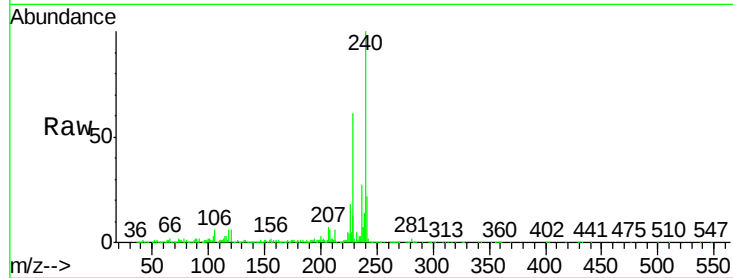
Tgt Ion:240 Resp: 1159801

Ion Ratio Lower Upper

240 100

120 6.1 4.1 6.1

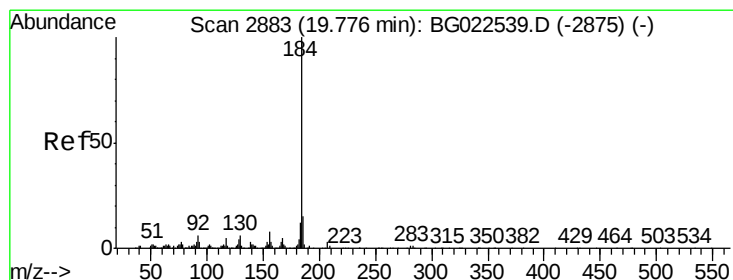
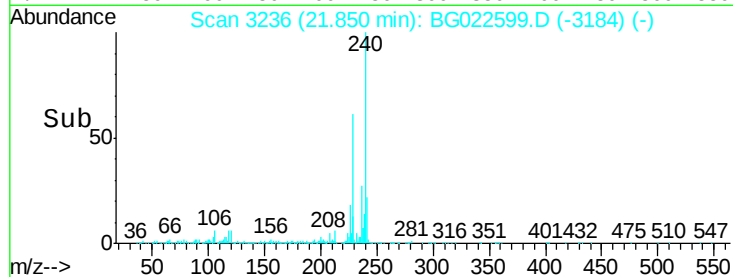
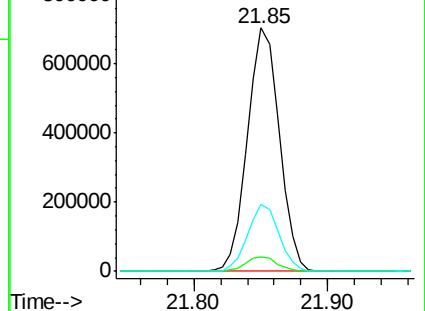
236 27.3 21.1 31.7



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: 145.74 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

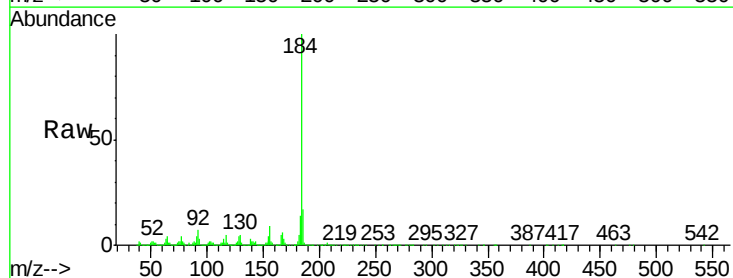
Tgt Ion:184 Resp: 1799597

Ion Ratio Lower Upper

184 100

185 16.7 12.6 19.0

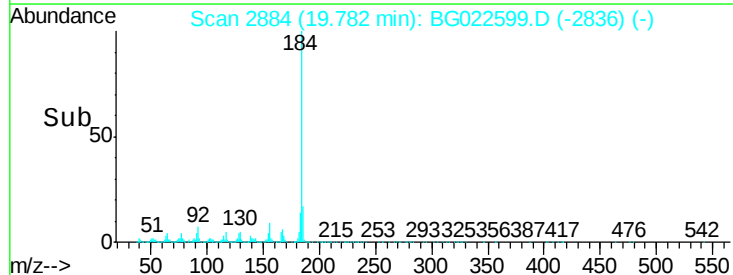
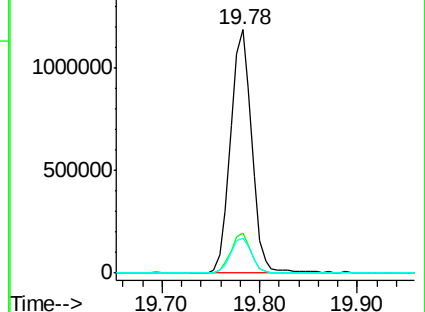
183 14.5 10.7 16.1

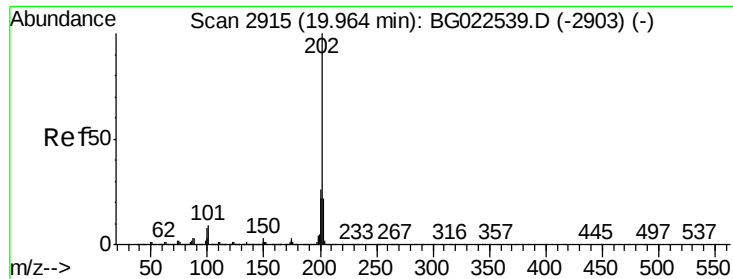


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.45 ng

RT: 19.96 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

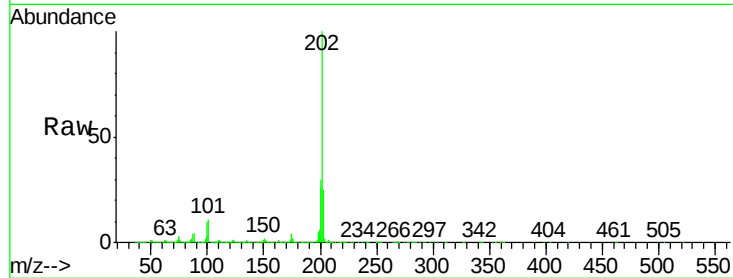
Tgt Ion:202 Resp: 2807855

Ion Ratio Lower Upper

202 100

200 29.9 21.2 31.8

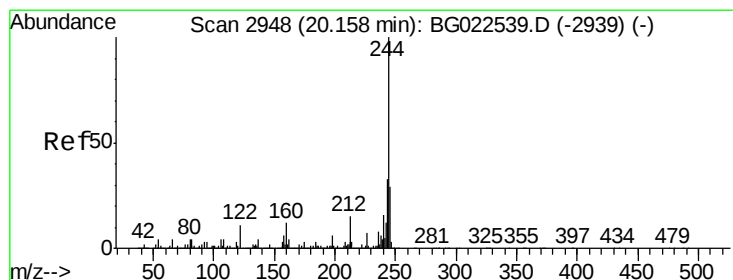
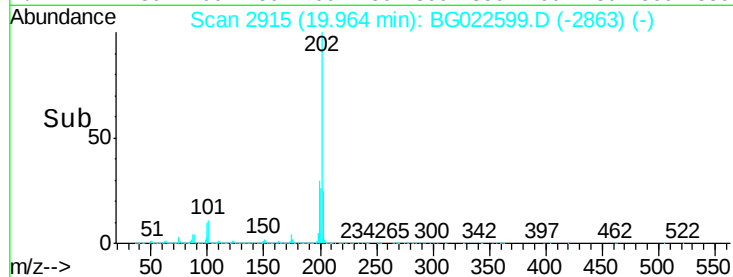
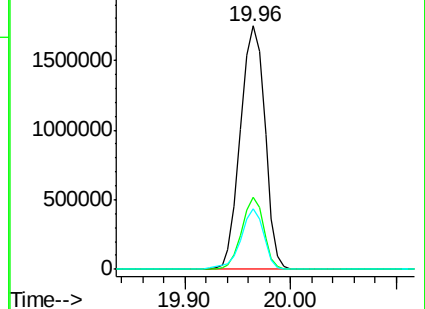
203 24.7 16.8 25.2



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: 76.80 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

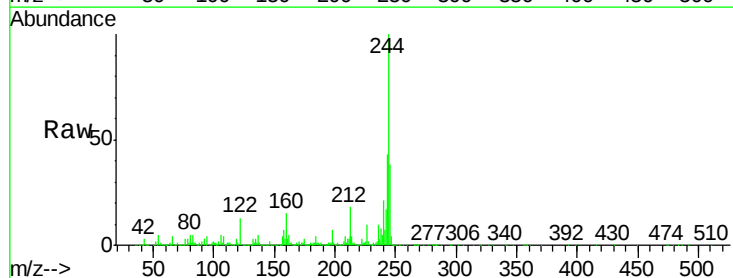
Tgt Ion:244 Resp: 3362097

Ion Ratio Lower Upper

244 100

212 17.9 10.8 16.2#

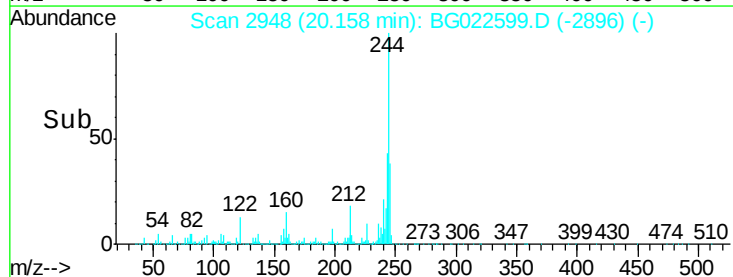
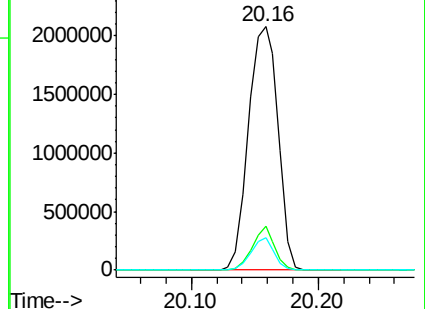
122 13.5 8.0 12.0#

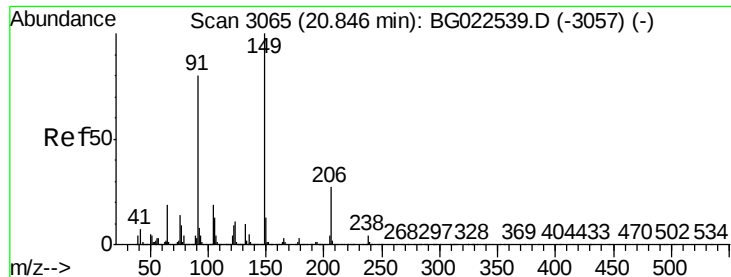


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.91 ng

RT: 20.84 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

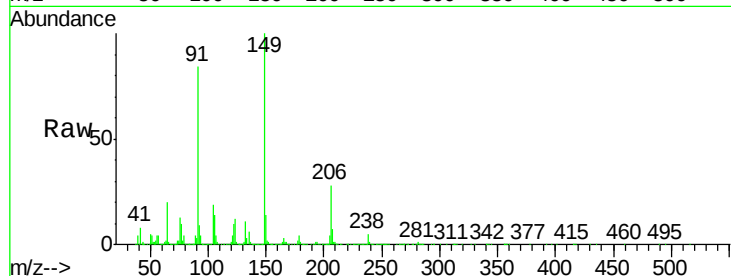
Tgt Ion:149 Resp: 1307792

Ion Ratio Lower Upper

149 100

91 83.6 68.1 102.1

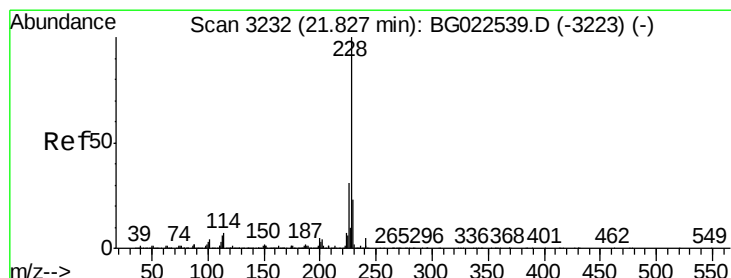
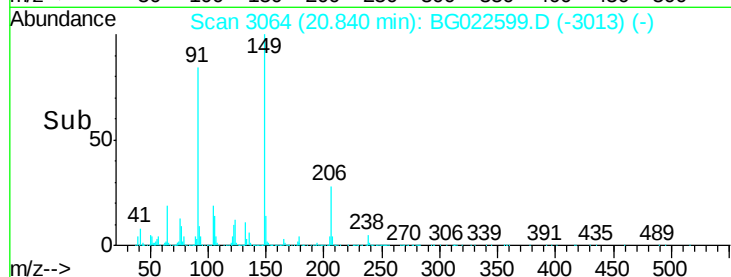
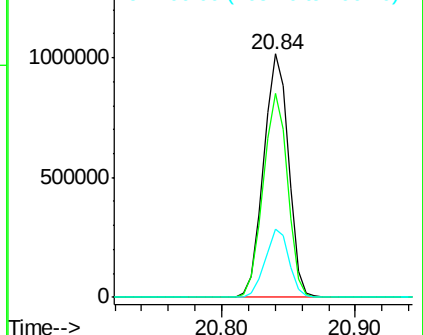
206 28.0 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.16 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

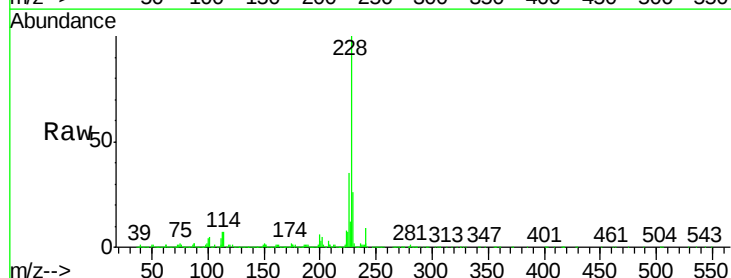
Tgt Ion:228 Resp: 3026407

Ion Ratio Lower Upper

228 100

226 35.0 25.3 37.9

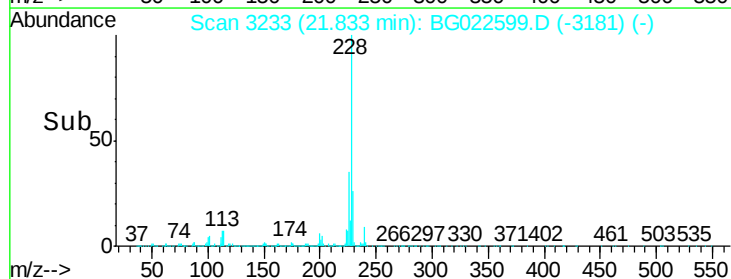
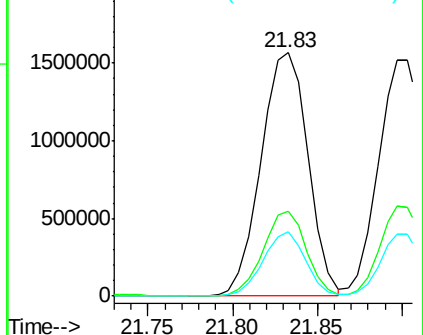
229 26.3 19.9 29.9

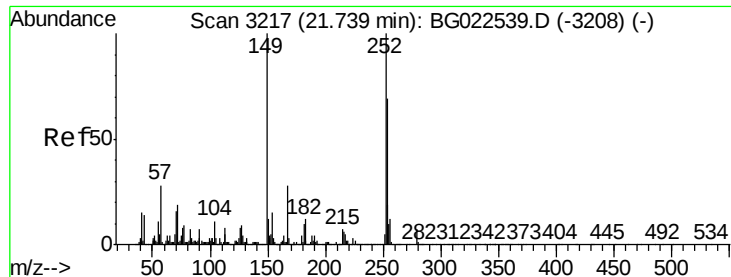


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

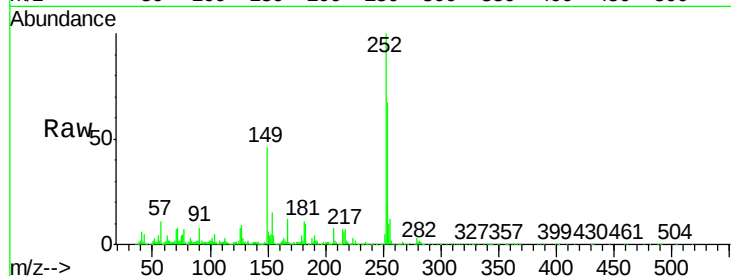




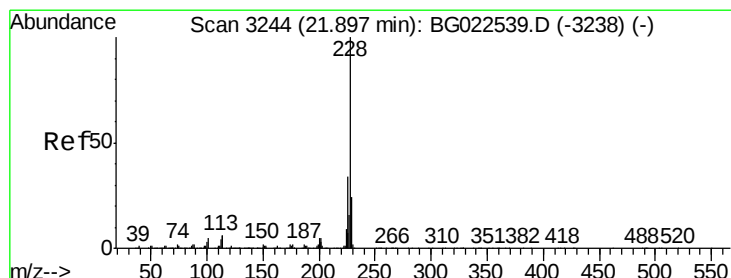
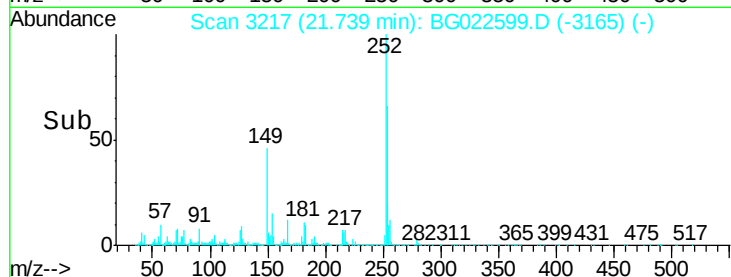
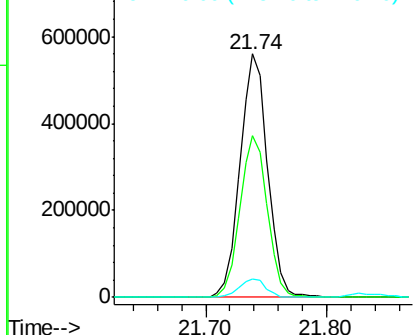
#81
 3,3'-Dichlorobenzidine
 Concen: 33.54 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

Tgt Ion:252 Resp: 888976
 Ion Ratio Lower Upper
 252 100
 254 66.5 51.2 76.8
 126 7.5 5.3 7.9

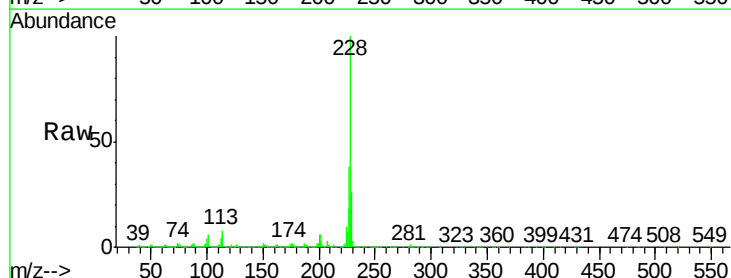


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

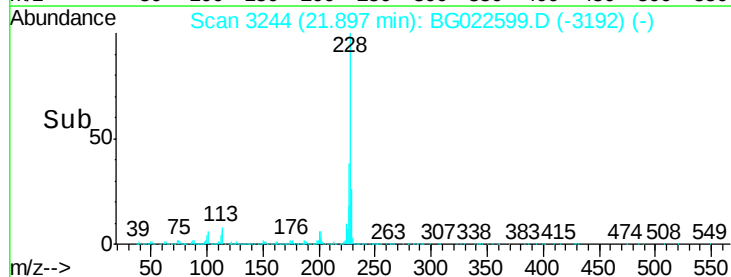
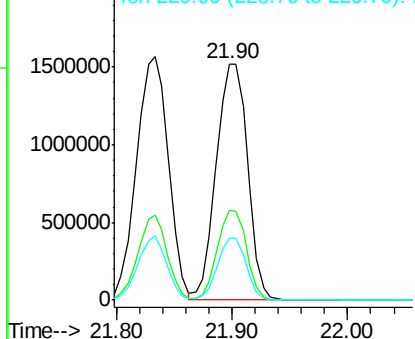


#82
 Chrysene
 Concen: 47.32 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.01 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Tgt Ion:228 Resp: 2853491
 Ion Ratio Lower Upper
 228 100
 226 38.2 26.7 40.1
 229 26.1 17.4 26.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.91 ng

RT: 21.72 min Scan# 3214

Delta R.T. -0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

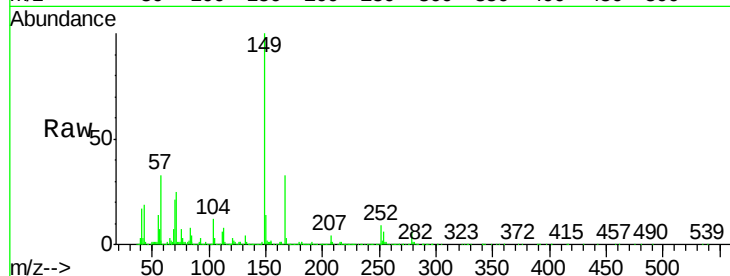
Tgt Ion:149 Resp: 1766308

Ion Ratio Lower Upper

149 100

167 32.7 24.0 36.0

279 6.1 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

21.72

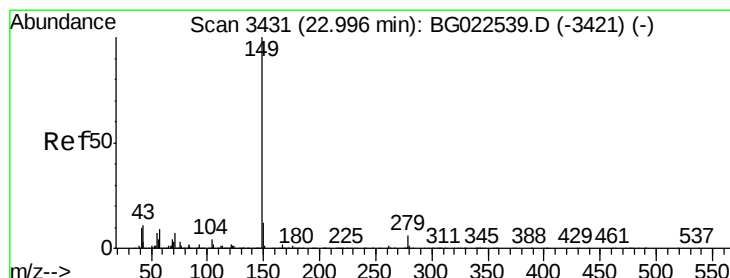
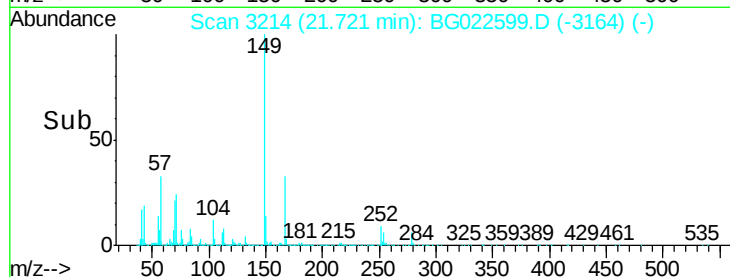
1500000

1000000

500000

0

Time-->



#84

Di-n-octyl phthalate

Concen: 46.67 ng

RT: 22.98 min Scan# 3429

Delta R.T. -0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

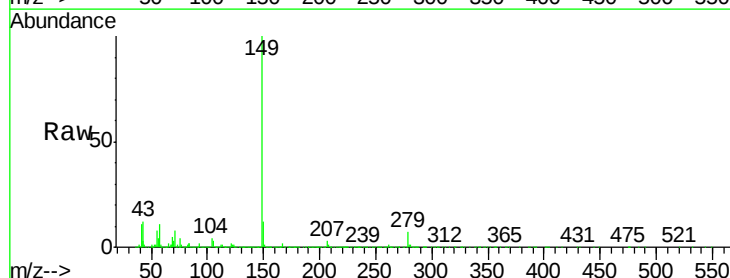
Tgt Ion:149 Resp: 2896342

Ion Ratio Lower Upper

149 100

167 2.1 1.5 2.3

43 11.1 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

22.98

2000000

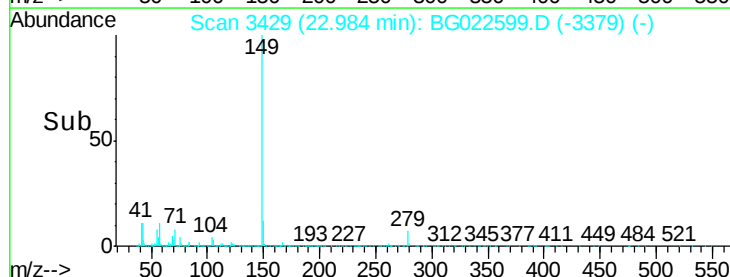
1500000

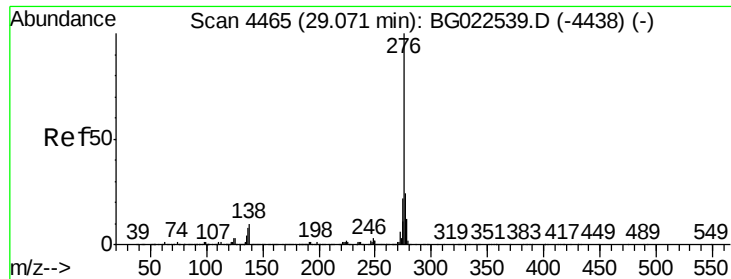
1000000

500000

0

Time-->

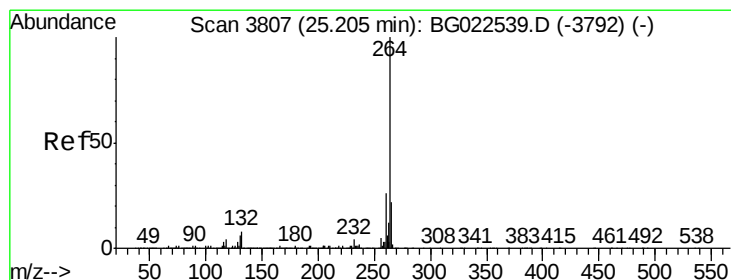
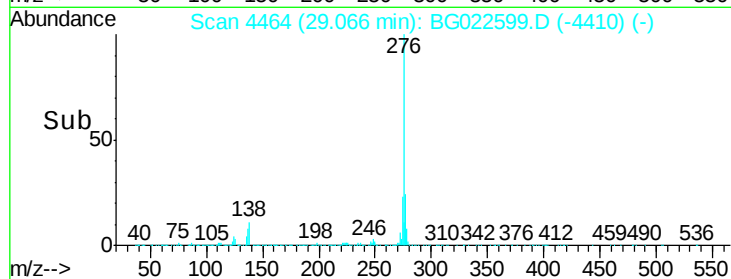
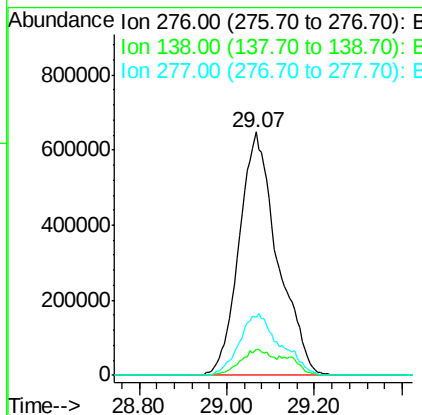
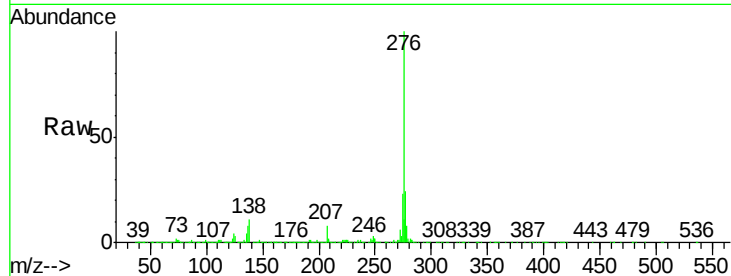




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.57 ng
 RT: 29.07 min Scan# 4464
 Delta R.T. 0.02 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

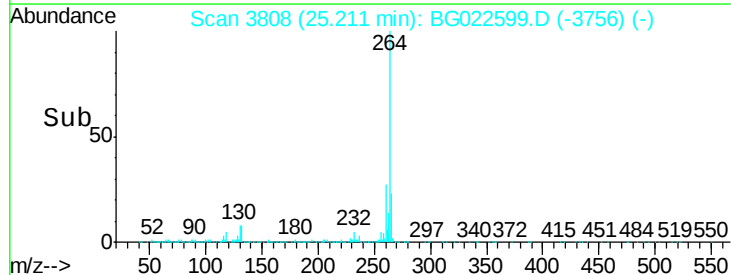
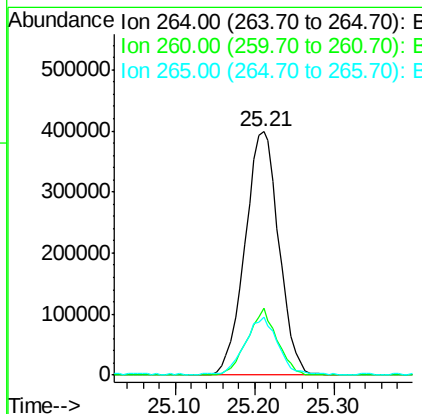
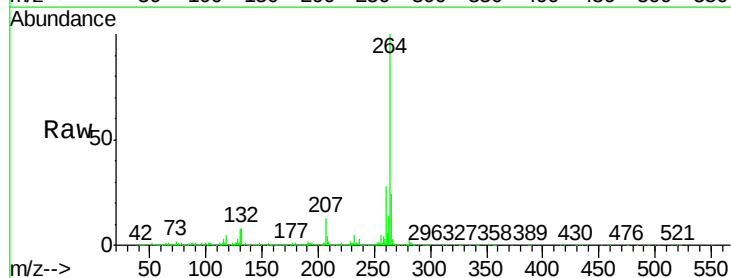
Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

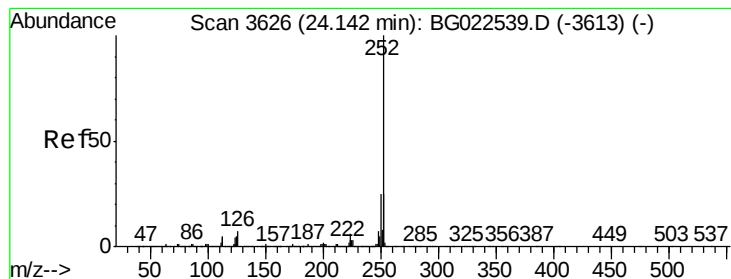
Tgt Ion:276 Resp: 3849205
 Ion Ratio Lower Upper
 276 100
 138 8.8 0.0 0.0#
 277 27.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3808
 Delta R.T. 0.01 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Tgt Ion:264 Resp: 1183510
 Ion Ratio Lower Upper
 264 100
 260 27.5 18.4 27.6
 265 23.9 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 47.66 ng

RT: 24.14 min Scan# 3626

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampleId :

TP-7MS

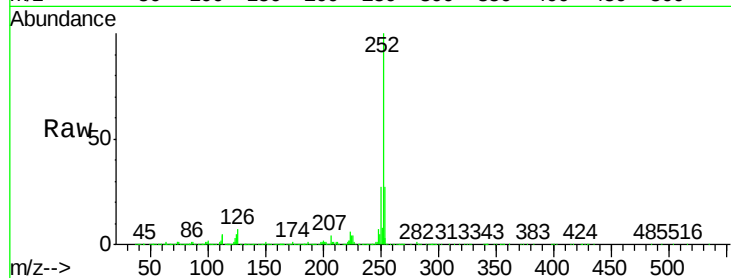
Tgt Ion:252 Resp: 3391692

Ion Ratio Lower Upper

252 100

253 27.5 18.9 28.3

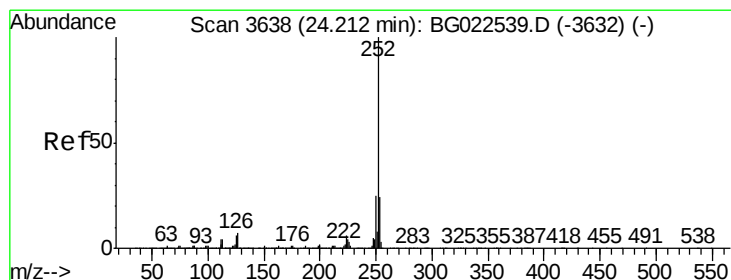
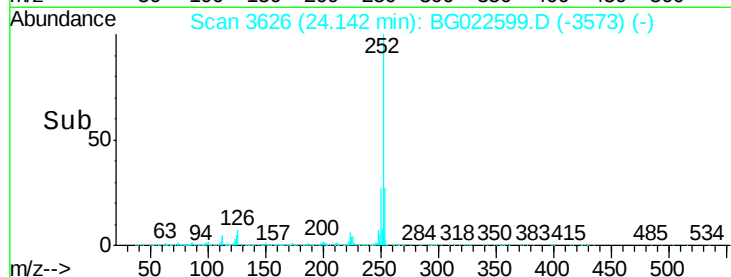
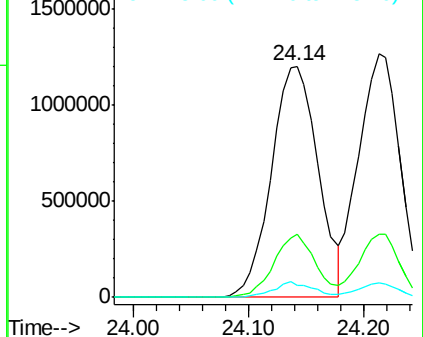
125 5.4 3.9 5.9



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



#88

Benzo(k)fluoranthene

Concen: 46.80 ng

RT: 24.21 min Scan# 3638

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

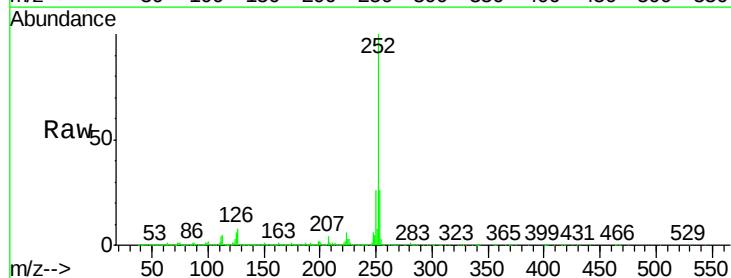
Tgt Ion:252 Resp: 3148689

Ion Ratio Lower Upper

252 100

253 26.1 18.8 28.2

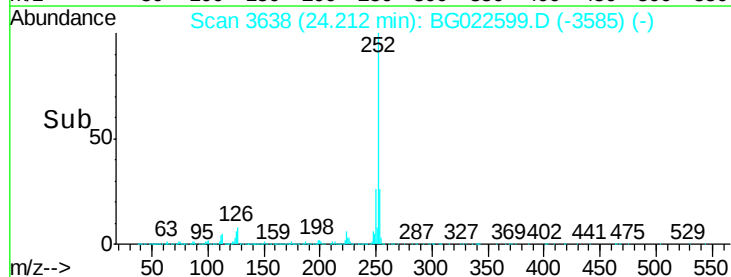
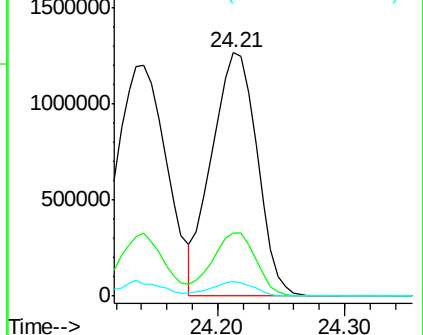
125 5.8 3.2 4.8#

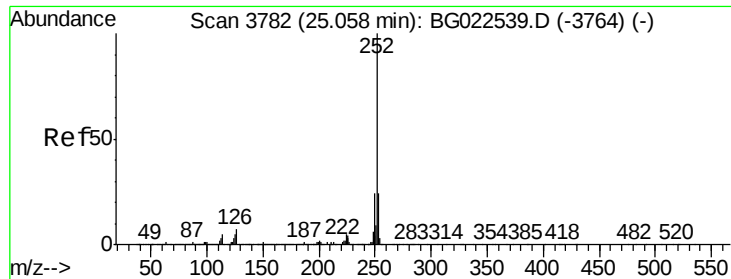


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.67 ng

RT: 25.05 min Scan# 3781

Delta R.T. 0.01 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

Instrument :

BNA_G

ClientSampled :

TP-7MS

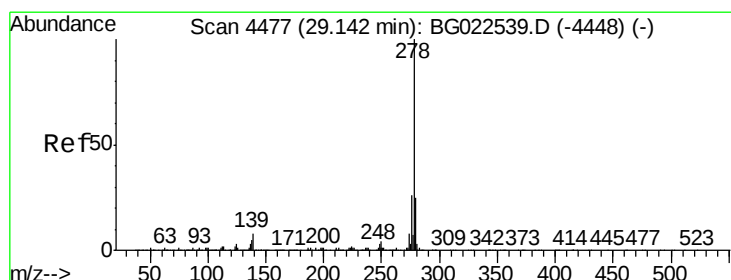
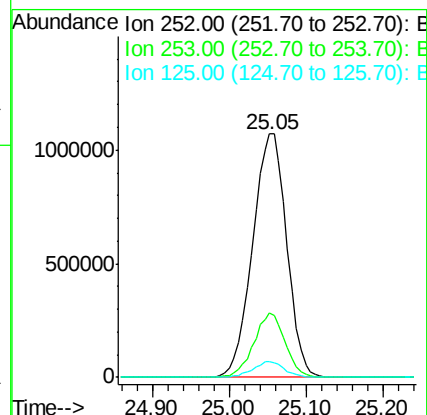
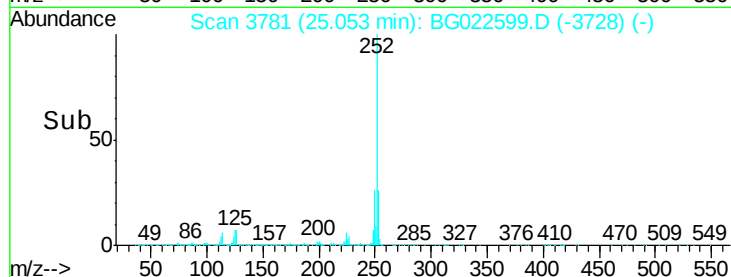
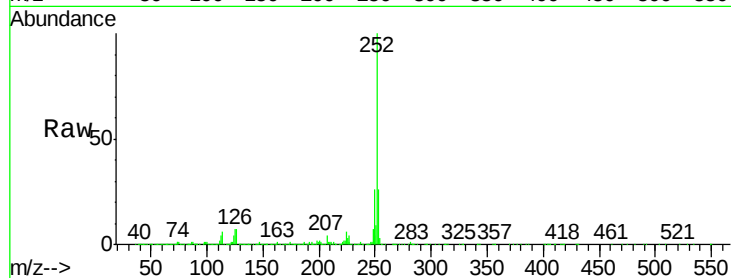
Tgt Ion:252 Resp: 3307018

Ion Ratio Lower Upper

252 100

253 26.4 18.7 28.1

125 6.7 3.9 5.9#



#90

Dibenzo(a,h)anthracene

Concen: 48.96 ng

RT: 29.14 min Scan# 4477

Delta R.T. 0.03 min

Lab File: BG022599.D

Acq: 26 Jun 2016 7:25

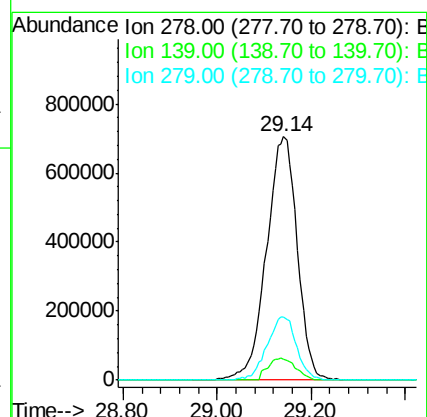
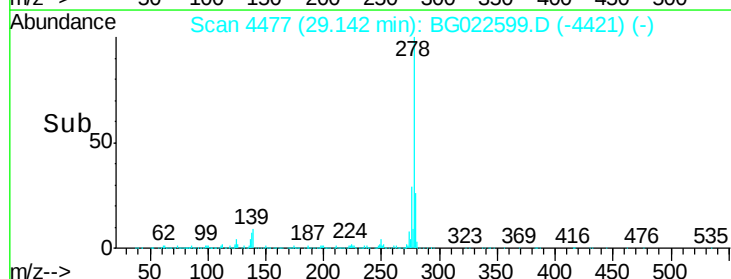
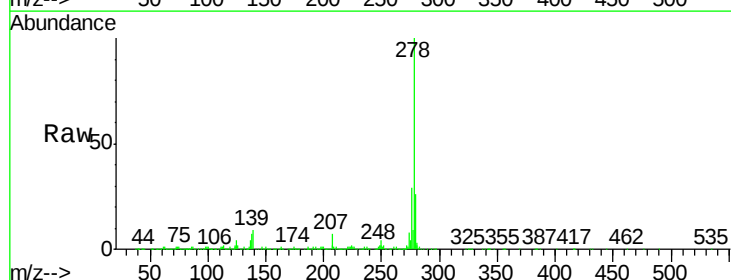
Tgt Ion:278 Resp: 3197358

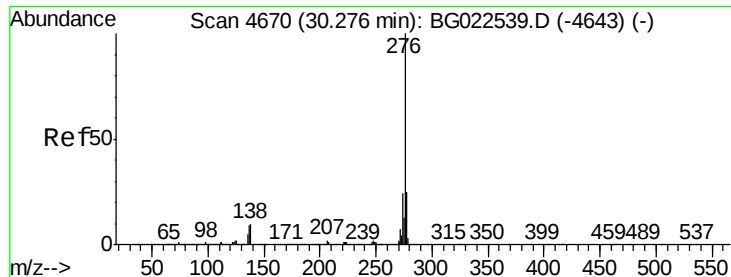
Ion Ratio Lower Upper

278 100

139 8.7 4.7 7.1#

279 25.9 18.3 27.5





#91
 Benzo(g,h,i)perylene
 Concen: 48.47 ng
 RT: 30.28 min Scan# 4670
 Delta R.T. 0.02 min
 Lab File: BG022599.D
 Acq: 26 Jun 2016 7:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-7MS

Tgt Ion: 276 Resp: 3222329
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.6 27.8
 138 10.4 6.8 10.2#

