

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
 Data File : BG022706.D
 Acq On : 29 Jun 2016 23:19
 Operator : UM/SJ
 Sample : H3828-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

Quant Time: Jun 30 04:56:03 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	89961	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	440970	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	365264	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1002529	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1117186	20.00	ng	0.00
86) Perylene-d12	25.20	264	1176689	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	392441	69.97	ng	0.00
7) Phenol-d6	7.30	99	422106	53.39	ng	0.00
23) Nitrobenzene-d5	9.33	82	822274	78.92	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	848399	147.67	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1903848	82.66	ng	0.00
78) Terphenyl-d14	20.15	244	2884425	68.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	38336	16.86	ng	94
3) Pyridine	3.98	79	42447	6.68	ng	90
4) n-Nitrosodimethylamine	3.90	42	30901	8.50	ng	# 95
6) Aniline	7.48	93	149453	14.26	ng	90
8) 2-Chlorophenol	7.71	128	113512	19.54	ng	98
9) Benzaldehyde	7.29	77	109276	39.28	ng	92
10) Phenol	7.33	94	75272	9.01	ng	93
11) bis(2-Chloroethyl)ether	7.57	93	138888	20.19	ng	95
12) 1,3-Dichlorobenzene	8.05	146	120156	17.00	ng	97
13) 1,4-Dichlorobenzene	8.20	146	123025	17.36	ng	99
14) 1,2-Dichlorobenzene	8.51	146	122578	18.19	ng	96
15) Benzyl Alcohol	8.40	79	123345	16.86	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	154577	20.32	ng	99
17) 2-Methylphenol	8.59	107	100324	18.22	ng	# 86
18) Hexachloroethane	9.25	117	47367	16.15	ng	# 83
19) n-Nitroso-di-n-propylamine	8.96	70	151573	23.02	ng	95
20) 3+4-Methylphenols	8.92	107	122868	16.20	ng	91
22) Acetophenone	8.98	105	252666	19.82	ng	# 95
24) Nitrobenzene	9.37	77	218340	18.96	ng	91
25) Isophorone	9.89	82	439655	21.74	ng	99
26) 2-Nitrophenol	10.09	139	82116	19.80	ng	# 81
27) 2,4-Dimethylphenol	10.13	122	146039	18.43	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	233503	21.14	ng	96
29) 2,4-Dichlorophenol	10.62	162	163715	21.20	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	161164	17.58	ng	93
31) Naphthalene	11.03	128	431307	19.46	ng	98
32) Benzoic acid	10.21	122	36702	11.44	ng	# 81
33) 4-Chloroaniline	11.14	127	158583	16.61	ng	96
34) Hexachlorobutadiene	11.32	225	121284	17.02	ng	92
35) Caprolactam	11.94	113	12289m	5.05	ng	
36) 4-Chloro-3-methylphenol	12.24	107	204174	21.54	ng	94
37) 2-Methylnaphthalene	12.63	142	367606	21.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	239586	17.37	ng	99
40) Hexachlorocyclopentadiene	12.97	237	438136	39.80	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	180967	20.47	nq	90
43) 2,4,5-Trichlorophenol	13.30	196	202831	21.92	nq	95
45) 1,1'-Biphenyl	13.63	154	550268	19.78	nq	99
46) 2-Chloronaphthalene	13.68	162	439677	19.20	nq	95
47) 2-Nitroaniline	13.88	65	186643	21.12	nq	89
48) Acenaphthylene	14.52	152	704939	21.23	nq	99
49) Dimethylphthalate	14.24	163	766962	25.31	nq	98
50) 2,6-Dinitrotoluene	14.37	165	151844	23.06	nq	87
51) Acenaphthene	14.86	154	452849	18.51	nq	97
52) 3-Nitroaniline	14.70	138	111548	18.11	nq	# 96
53) 2,4-Dinitrophenol	14.91	184	270589	66.72	nq	91
54) Dibenzofuran	15.20	168	777121	21.93	nq	97
55) 4-Nitrophenol	14.99	139	160650	30.84	nq	95
56) 2,4-Dinitrotoluene	15.15	165	217371	23.83	nq	97
57) Fluorene	15.85	166	651909	23.06	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	229785m	23.95	nq	
59) Diethylphthalate	15.60	149	758000	24.33	nq	98
60) 4-Chlorophenyl-phenylether	15.83	204	389114	23.12	nq	95
61) 4-Nitroaniline	15.86	138	144954	22.80	nq	# 81
62) Azobenzene	16.13	77	751009	22.26	nq	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	140193	20.85	nq	96
65) n-Nitrosodiphenylamine	16.05	169	609299	20.89	nq	98
66) 4-Bromophenyl-phenylether	16.73	248	273634	21.04	nq	95
67) Hexachlorobenzene	16.85	284	295546	21.49	nq	98
68) Atrazine	16.99	200	269055	21.84	nq	97
69) Pentachlorophenol	17.20	266	575916	60.85	nq	98
70) Phenanthrene	17.60	178	1144007	22.38	nq	98
71) Anthracene	17.68	178	1155777	21.96	nq	98
72) Carbazole	17.96	167	1002874	22.48	nq	96
73) Di-n-butylphthalate	18.50	149	1155846	22.25	nq	96
74) Fluoranthene	19.60	202	1382456	23.47	nq	96
76) Benzidine	19.78	184	398657	33.52	nq	99
77) Pyrene	19.96	202	1384851	23.27	nq	95
79) Butylbenzylphthalate	20.83	149	545932	21.19	nq	93
80) Benzo(a)anthracene	21.82	228	1448153	23.43	nq	94
81) 3,3'-Dichlorobenzidine	21.73	252	433676	16.98	nq	99
82) Chrysene	21.89	228	1375768	23.68	nq	99
83) Bis(2-ethylhexyl)phthalate	21.71	149	753787	20.78	nq	98
84) Di-n-octyl phthalate	22.97	149	1281854	21.44	nq	96
85) Indeno(1,2,3-cd)pyrene	29.04	276	1691774	22.16	nq	# 100
87) Benzo(b)fluoranthene	24.12	252	1557815	22.02	nq	99
88) Benzo(k)fluoranthene	24.19	252	1481663	22.15	nq	# 97
89) Benzo(a)pyrene	25.04	252	1422237	20.62	nq	98
90) Dibenzo(a,h)anthracene	29.10	278	1438869	22.16	nq	# 95
91) Benzo(g,h,i)perylene	30.23	276	1419351	21.47	nq	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

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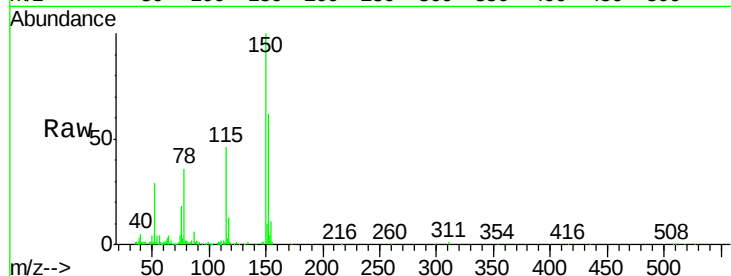
Tot Ion:152 Resp: 89961

Ion Ratio Lower Upper

152 100

150 162.4 144.7 217.1

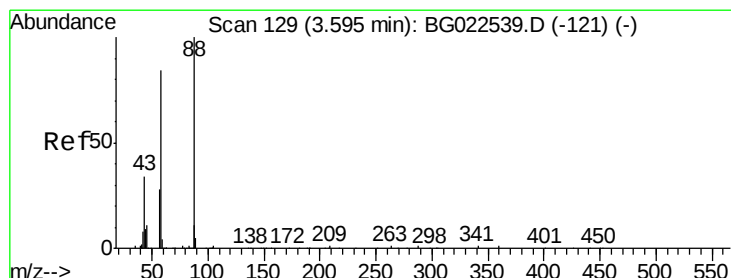
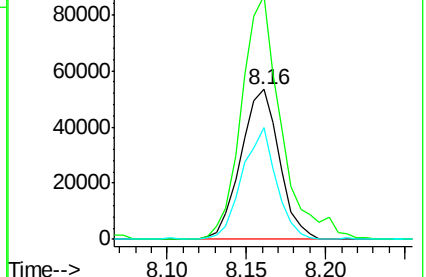
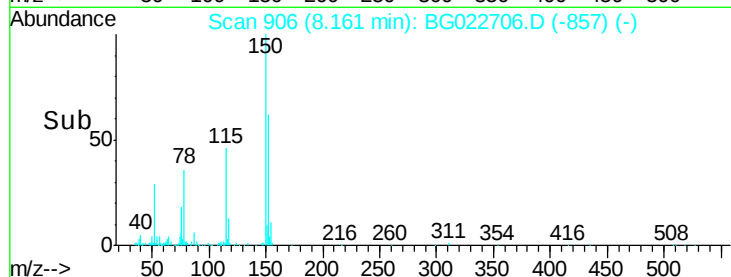
115 74.3 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 16.86 ng

RT: 3.57 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

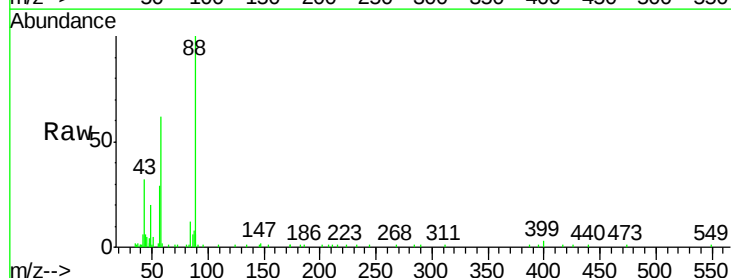
Tgt Ion: 88 Resp: 38336

Ion Ratio Lower Upper

88 100

58 70.4 60.4 90.6

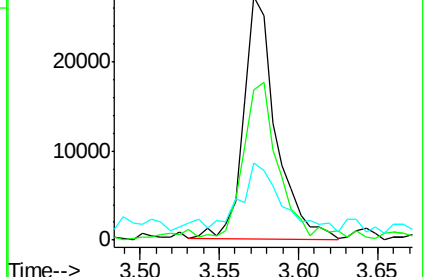
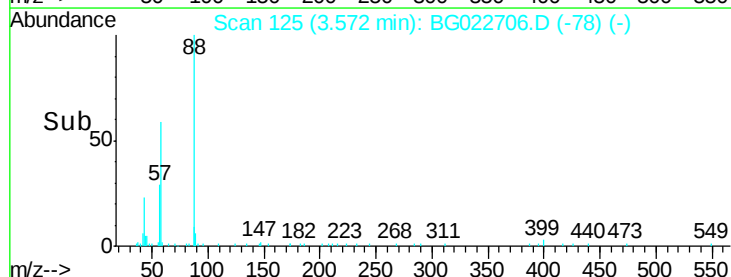
43 35.9 31.1 46.7

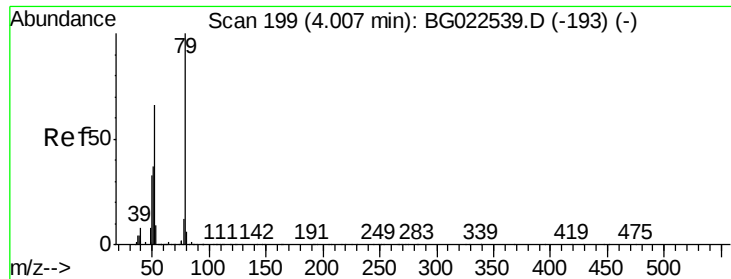


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 6.68 ng

RT: 3.98 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022706.D

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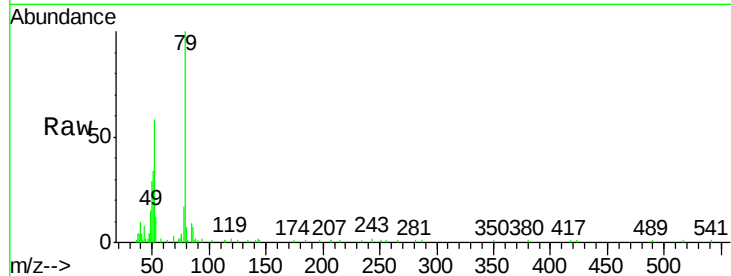
Tot Ion: 79 Resp: 42447

Ion Ratio Lower Upper

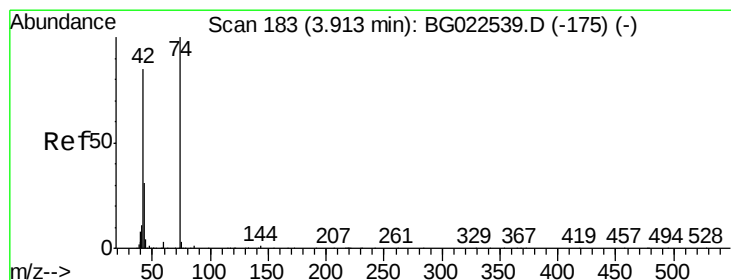
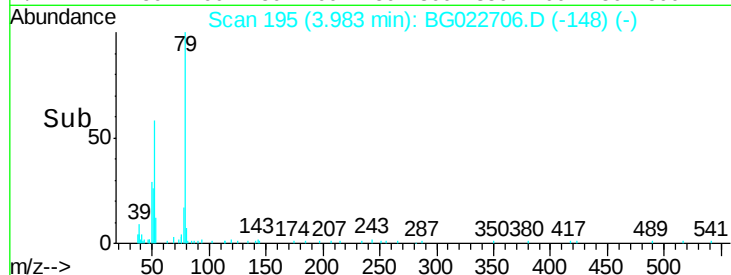
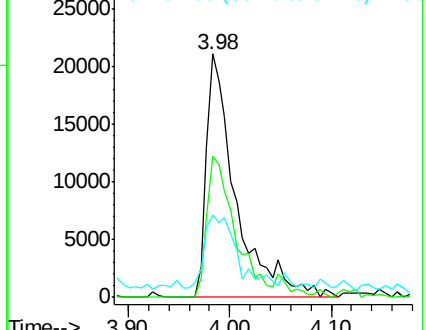
79 100

52 57.8 51.8 77.8

51 34.0 32.7 49.1



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



#4

n-Nitrosodimethylamine

Concen: 8.50 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

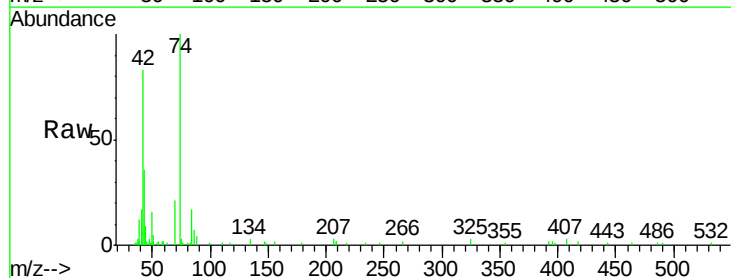
Tgt Ion: 42 Resp: 30901

Ion Ratio Lower Upper

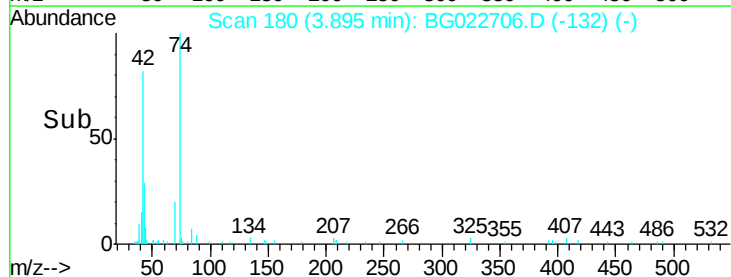
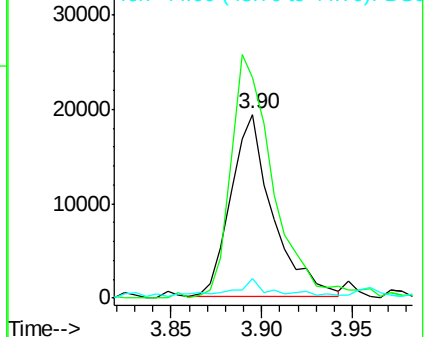
42 100

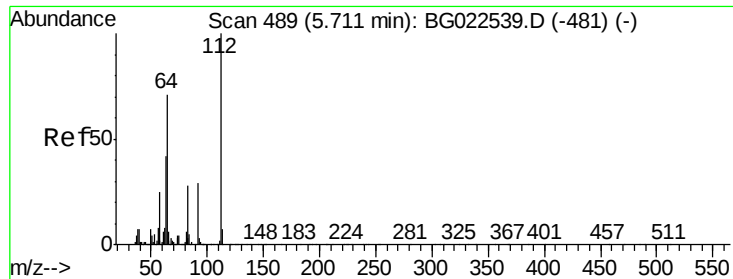
74 120.0 100.6 150.8

44 10.4 4.5 6.7#



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





#5

2-Fluorophenol

Concen: 69.97 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG022706.D

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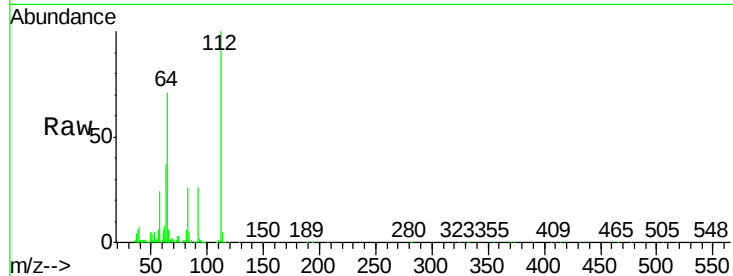
Tot Ion:112 Resp: 392441

Ion Ratio Lower Upper

112 100

64 70.8 59.0 88.4

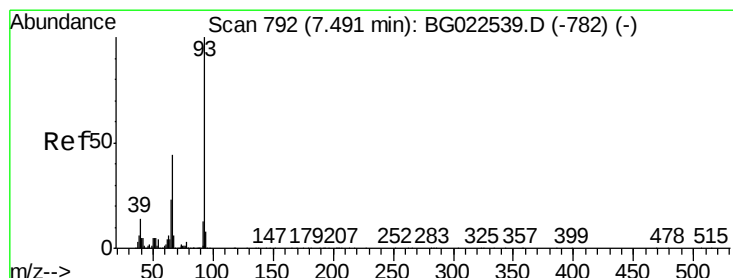
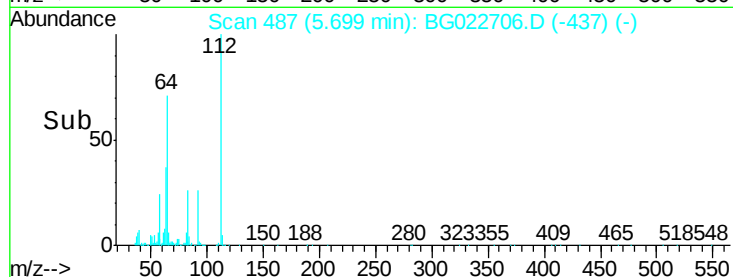
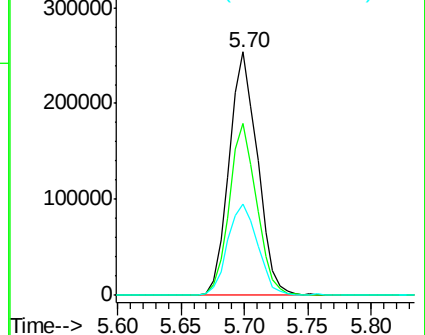
63 37.3 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.26 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

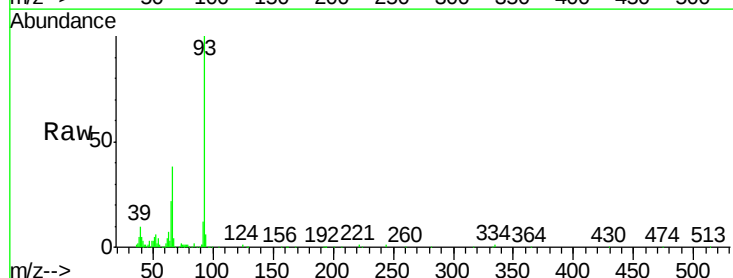
Tgt Ion: 93 Resp: 149453

Ion Ratio Lower Upper

93 100

66 37.8 37.5 56.3

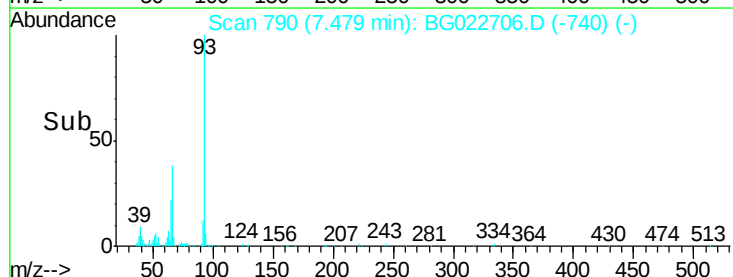
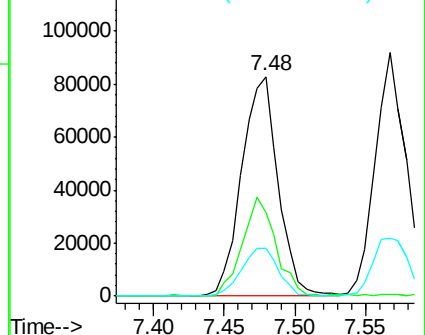
65 21.8 17.9 26.9



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: 53.39 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

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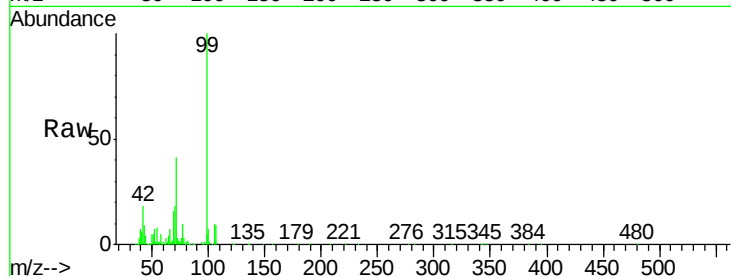
Tot Ion: 99 Resp: 422106

Ion Ratio Lower Upper

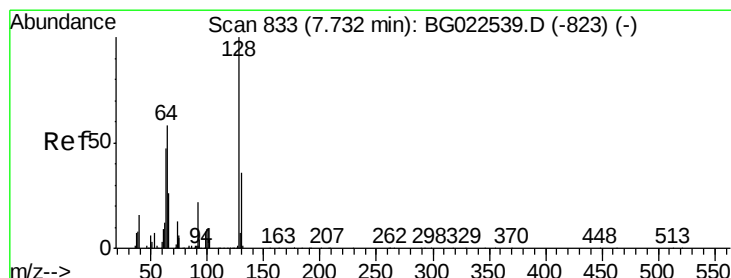
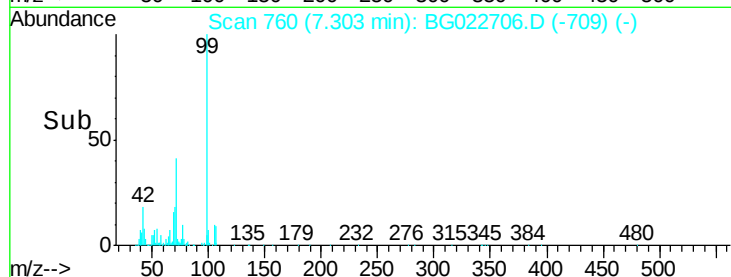
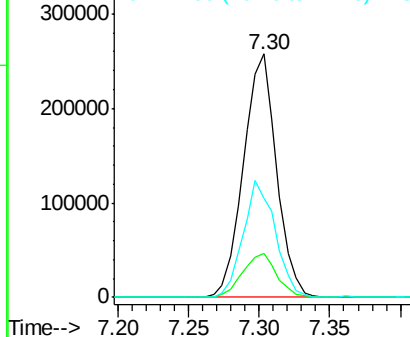
99 100

42 18.0 17.8 26.6

71 40.5 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: 19.54 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

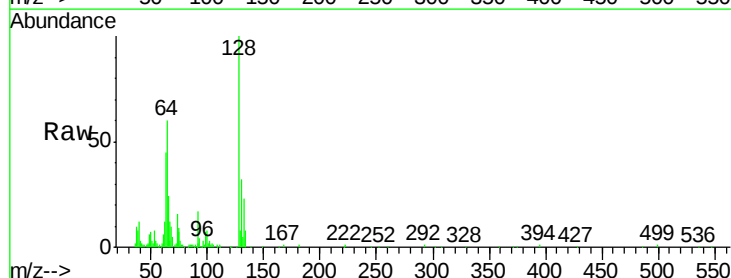
Tgt Ion: 128 Resp: 113512

Ion Ratio Lower Upper

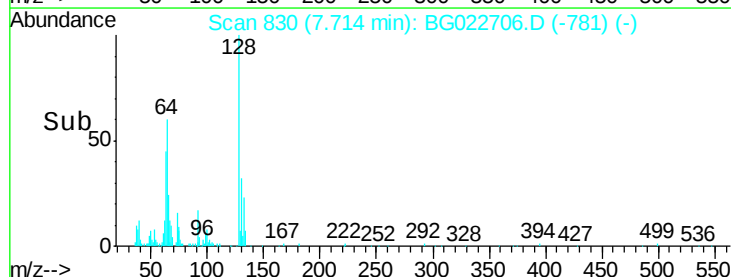
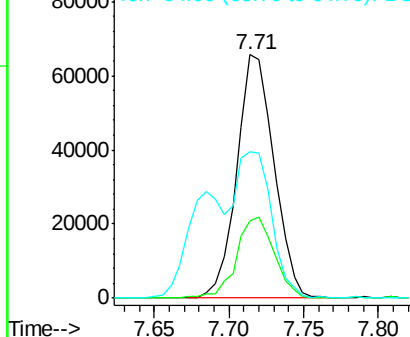
128 100

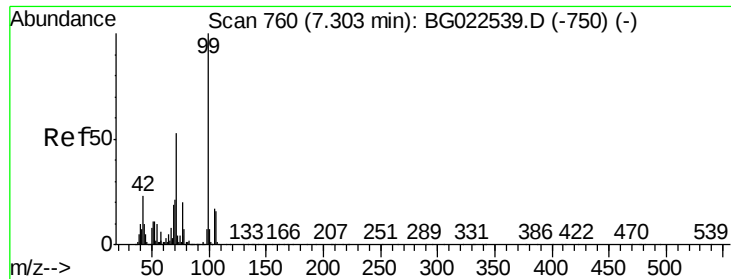
130 31.7 12.9 52.9

64 60.3 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: 39.28 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

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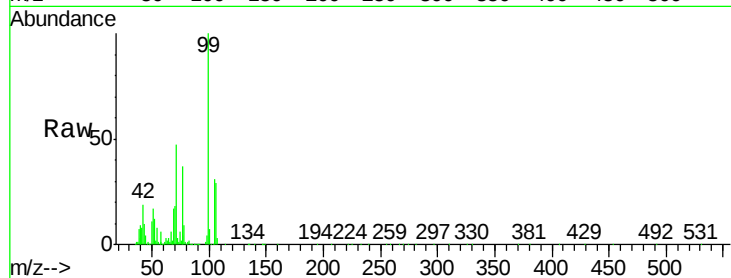
Tot Ion: 77 Resp: 109276

Ion Ratio Lower Upper

77 100

105 81.6 58.7 98.7

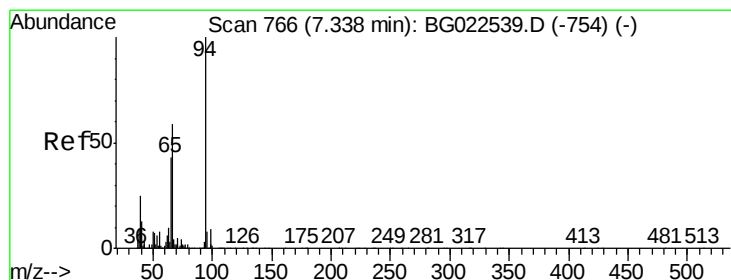
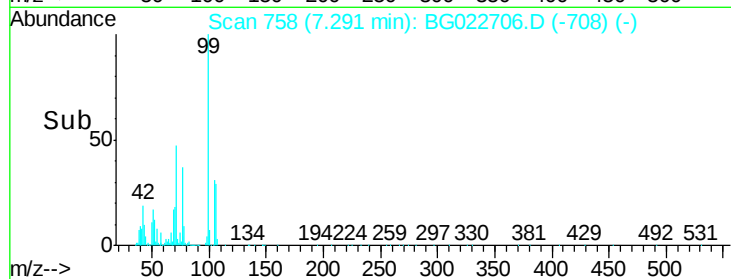
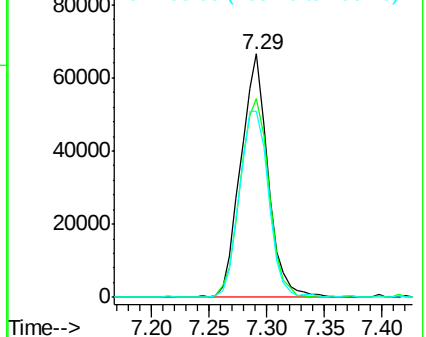
106 76.5 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 9.01 ng

RT: 7.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

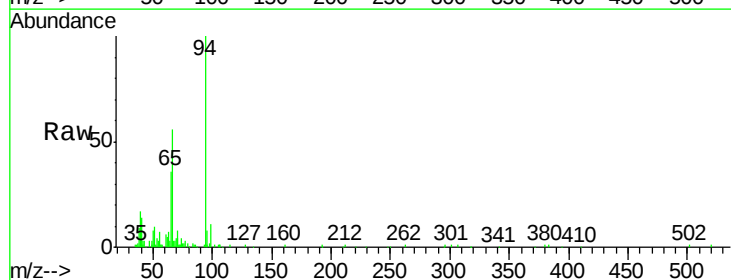
Tgt Ion: 94 Resp: 75272

Ion Ratio Lower Upper

94 100

65 35.9 18.1 58.1

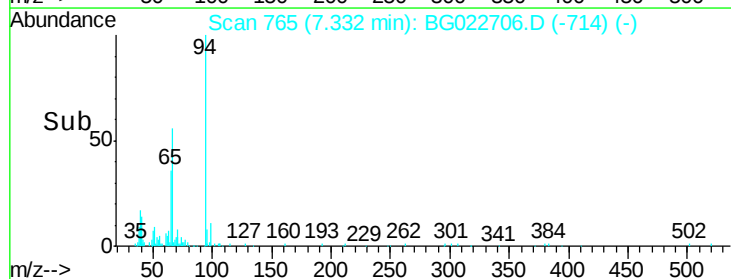
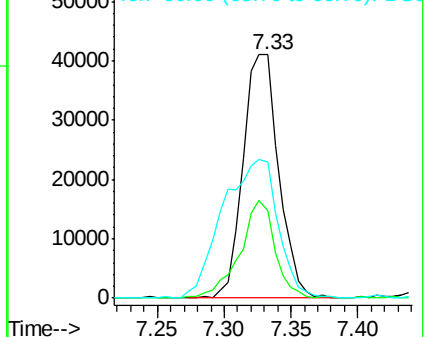
66 55.7 42.1 82.1

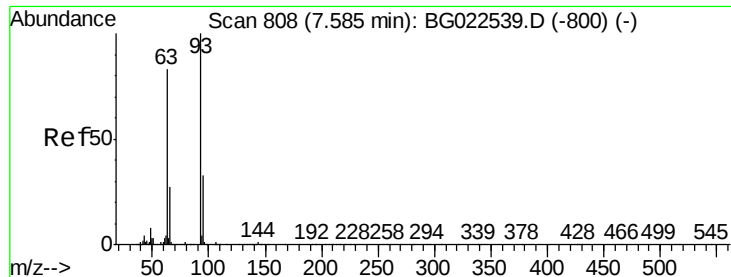


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

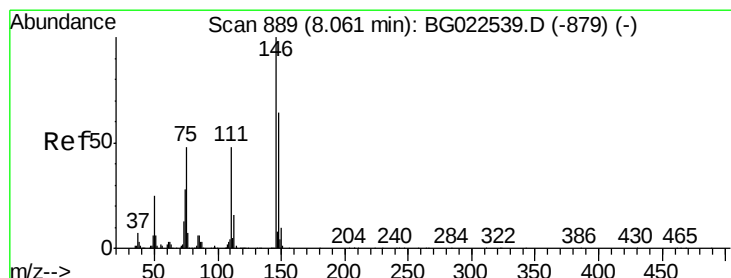
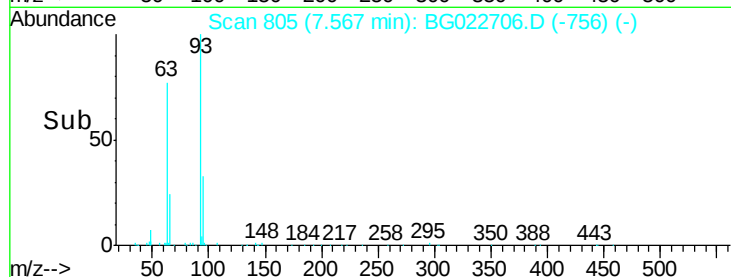
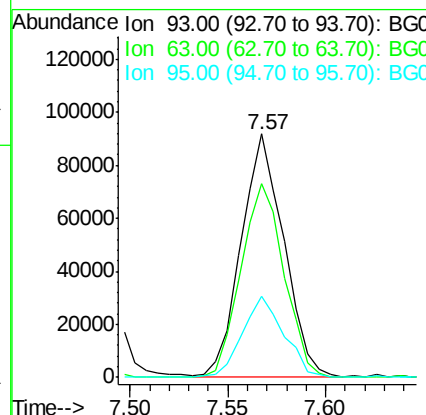
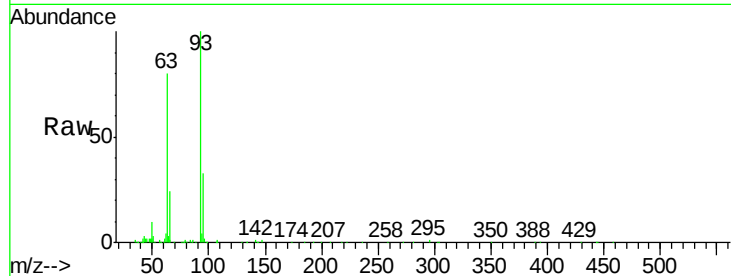




#11
bis(2-Chloroethyl)ether
Concen: 20.19 ng
RT: 7.57 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

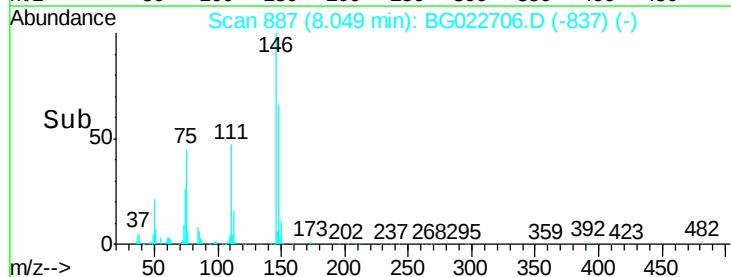
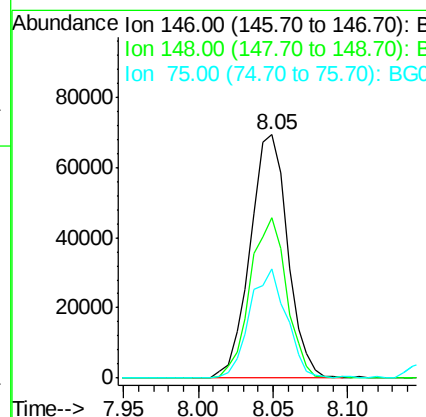
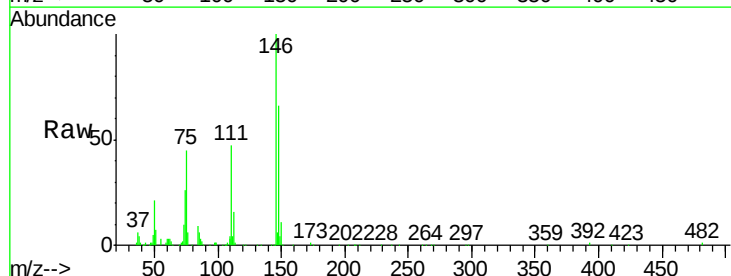
Instrument :
BNA_G
ClientSampleId :
S8-0581MS

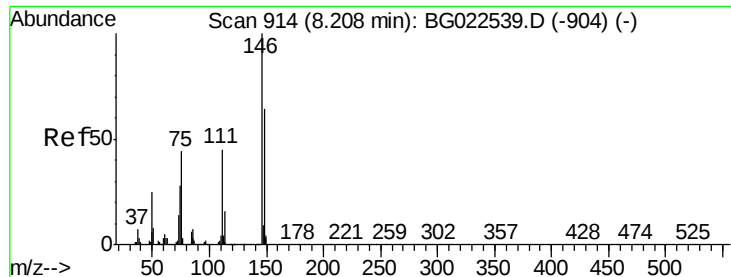
Tot Ion:	93	Resp:	138888
Ion	Ratio	Lower	Upper
93	100		
63	79.5	55.0	95.0
95	33.4	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 17.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion:	146	Resp:	120156
Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.3	75.5
75	44.9	37.0	55.6

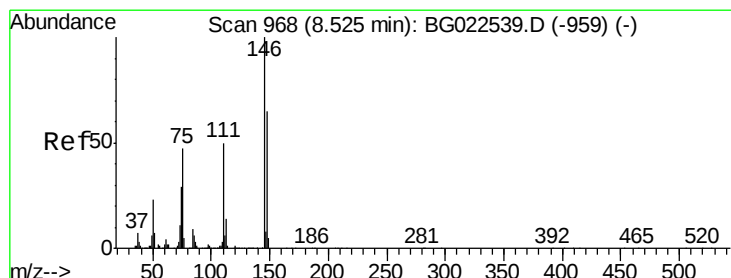
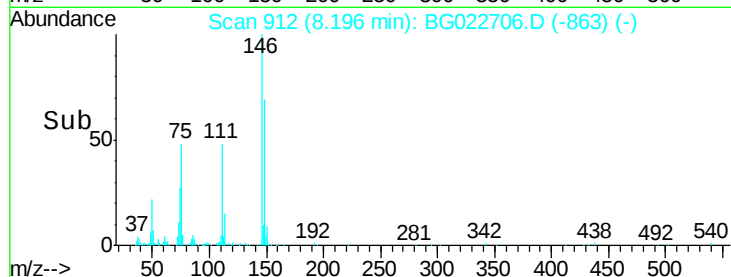
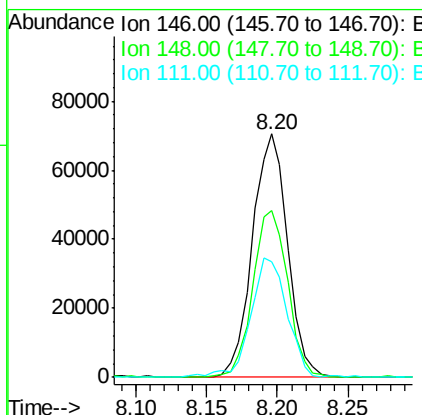
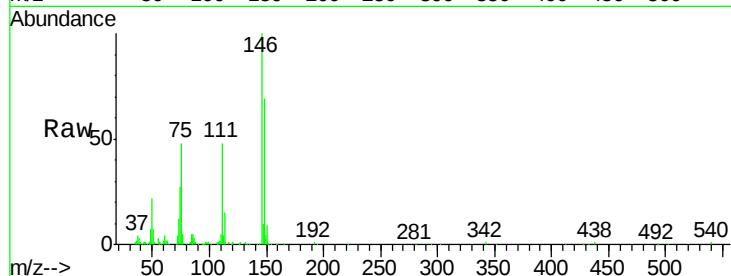




#13
 1,4-Dichlorobenzene
 Concen: 17.36 ng
 RT: 8.20 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

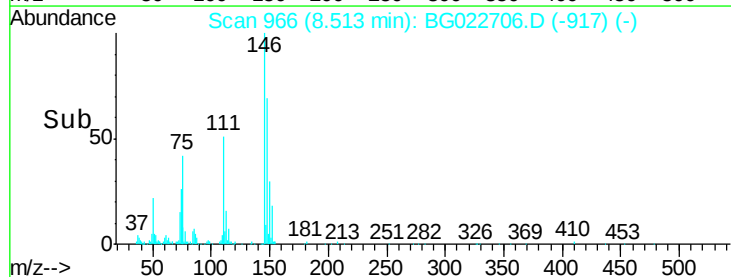
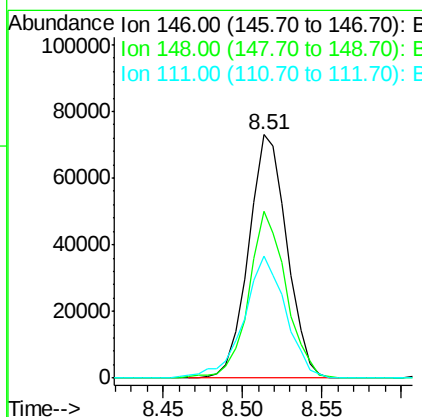
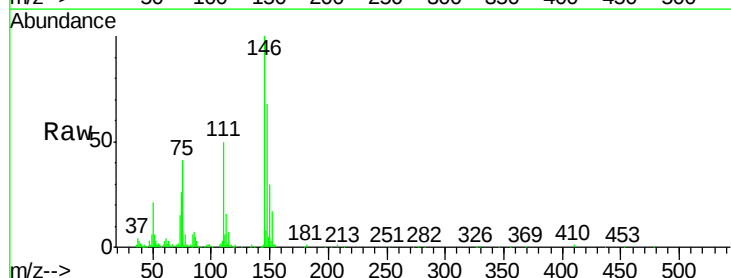
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.6	54.5	81.7
111	47.7	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 18.19 ng
 RT: 8.51 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.3	52.9	79.3
111	50.1	43.5	65.3





#15

Benzyl Alcohol

Concen: 16.86 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

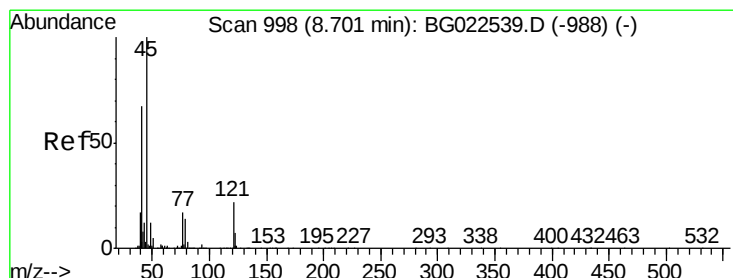
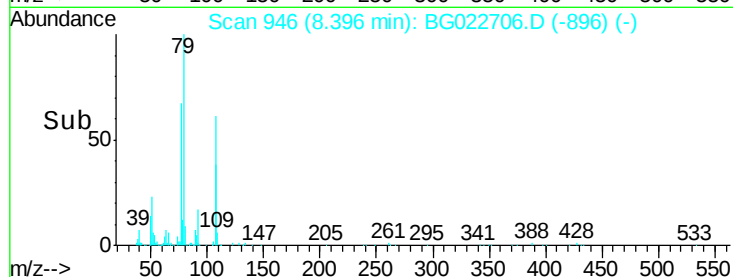
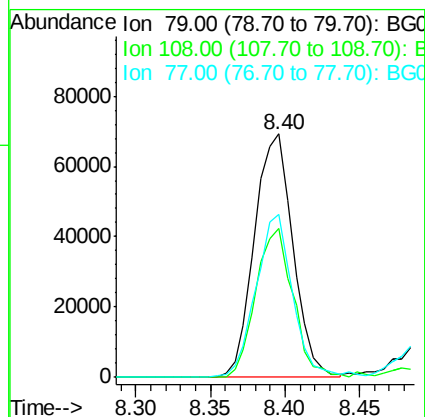
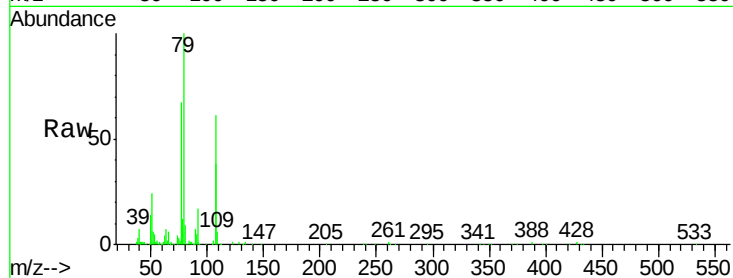
Tot Ion: 79 Resp: 123345

Ion Ratio Lower Upper

79 100

108 61.2 46.5 69.7

77 67.0 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.32 ng

RT: 8.69 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

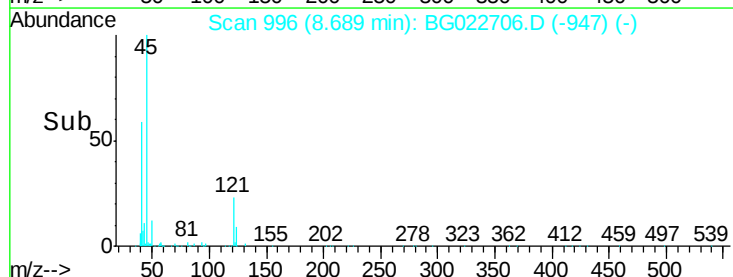
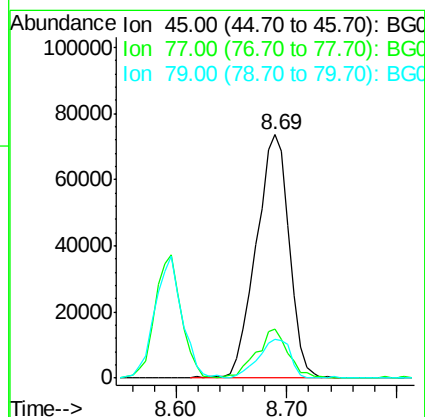
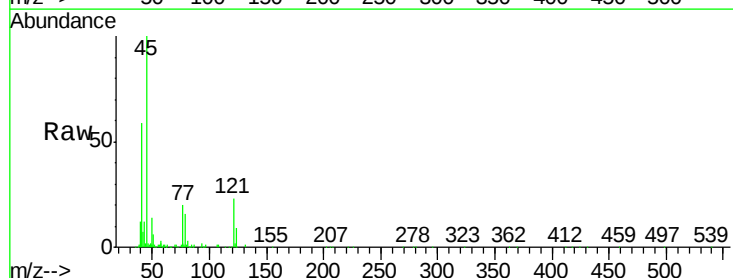
Tgt Ion: 45 Resp: 154577

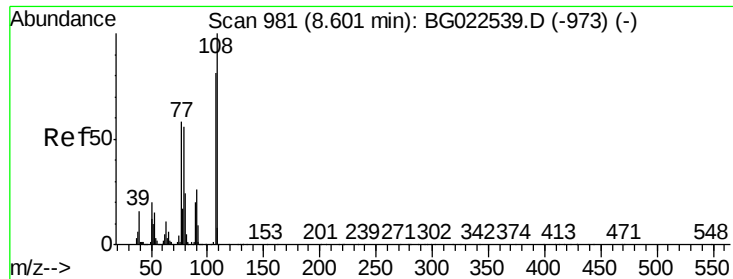
Ion Ratio Lower Upper

45 100

77 20.0 0.6 40.6

79 15.7 0.0 36.2

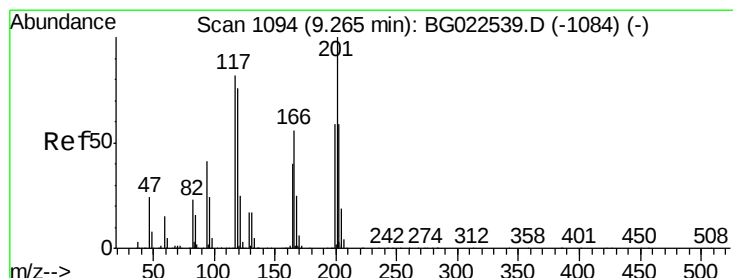
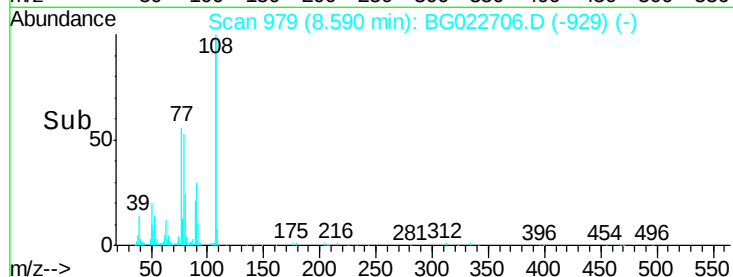
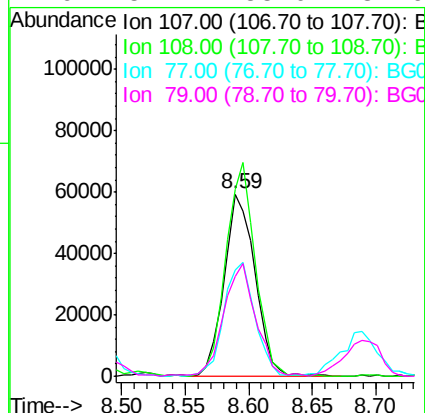
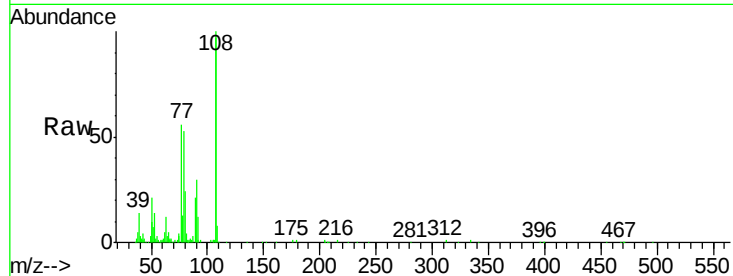




#17
2-Methylphenol
Concen: 18.22 ng
RT: 8.59 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

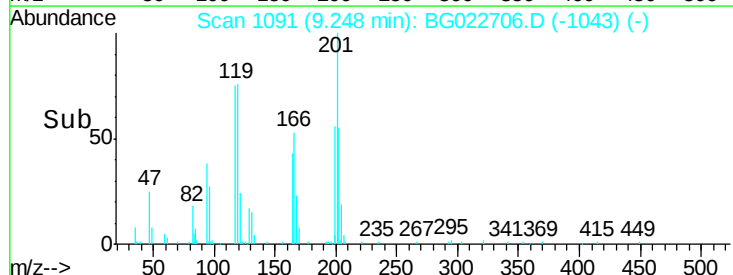
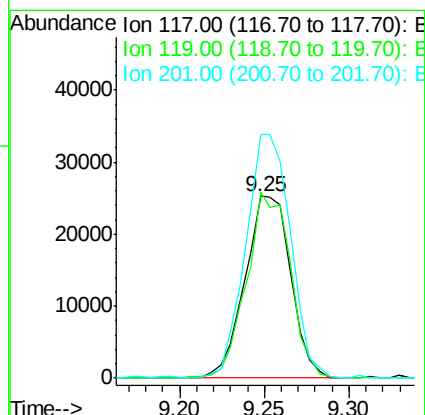
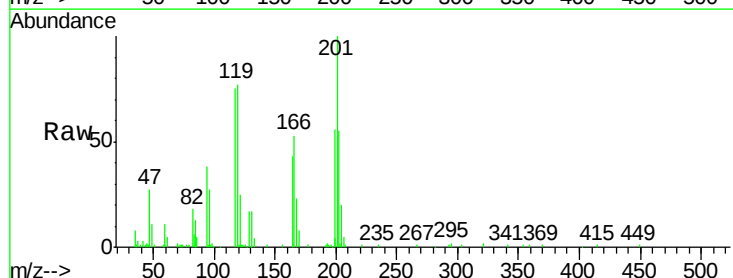
Instrument :
BNA_G
ClientSampleId :
S8-0581MS

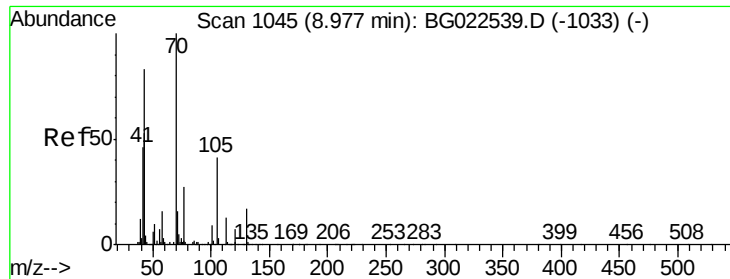
Tot Ion	Ratio	Lower	Upper
107	100		
108	102.8	92.0	138.0
77	58.1	55.8	83.6
79	54.7	55.0	82.6



#18
Hexachloroethane
Concen: 16.15 ng
RT: 9.25 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.7	73.7	110.5
201	134.0	88.7	133.1

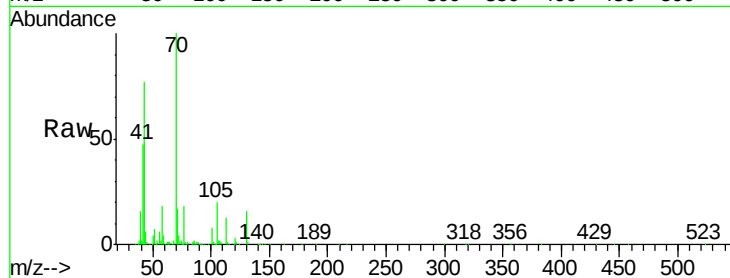




#19
n-Nitroso-di-n-propylamine
Concen: 23.02 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :
S8-0581MS

Tot Ion:	70	Resp:	151573
Ion	Ratio	Lower	Upper
70	100		
42	48.1	42.1	63.1
101	8.3	7.2	10.8
130	16.4	14.2	21.2



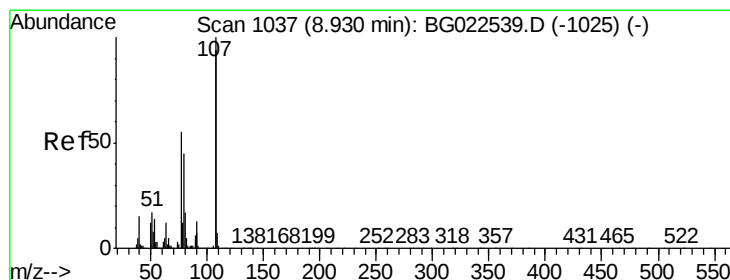
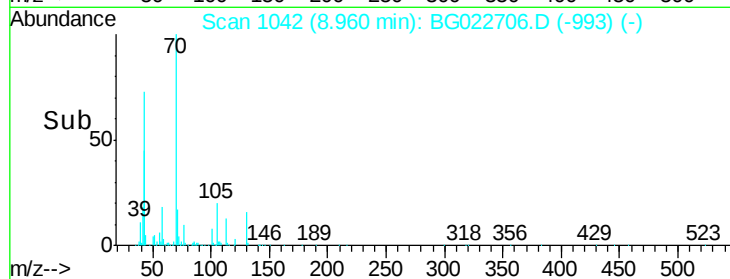
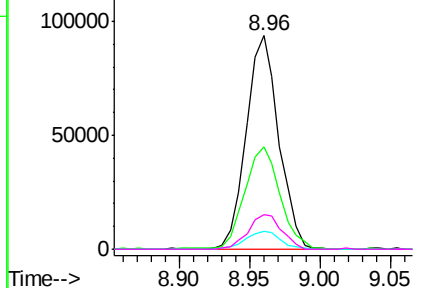
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

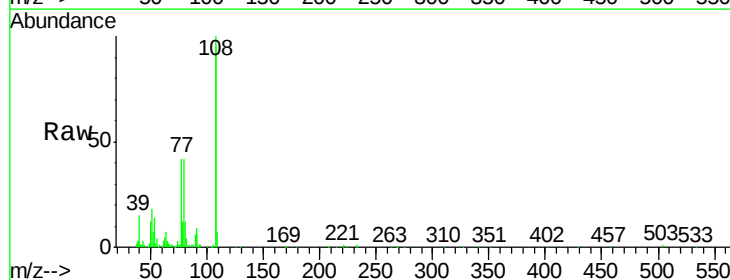
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 16.20 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion:	107	Resp:	122868
Ion	Ratio	Lower	Upper
107	100		
108	105.2	72.5	112.5
77	44.1	30.1	70.1
79	43.8	24.2	64.2



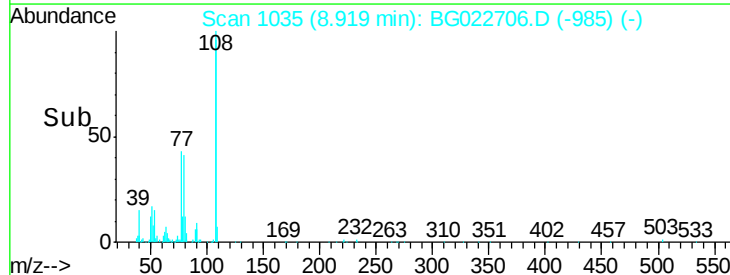
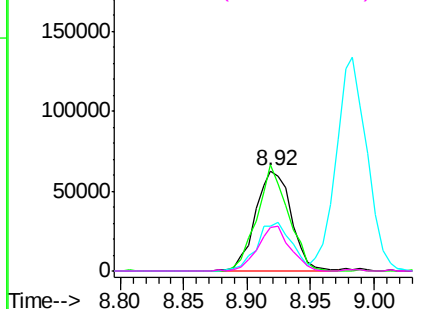
Abundance

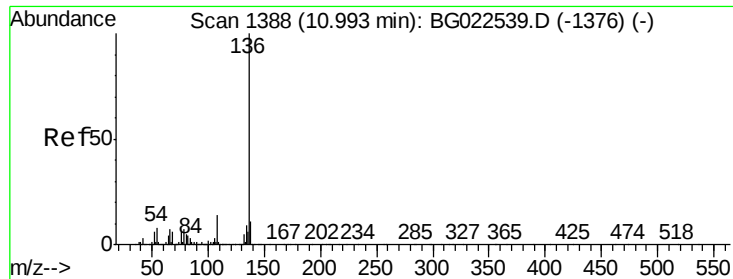
Ion 107.00 (106.70 to 107.70): BGC

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

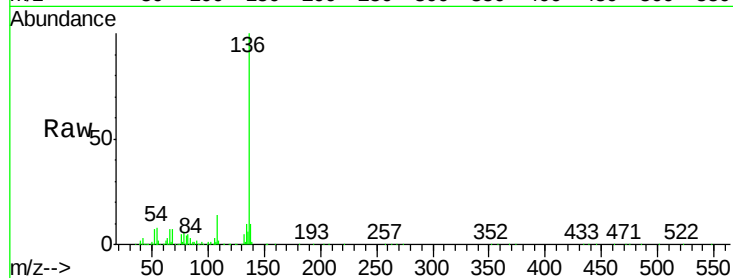




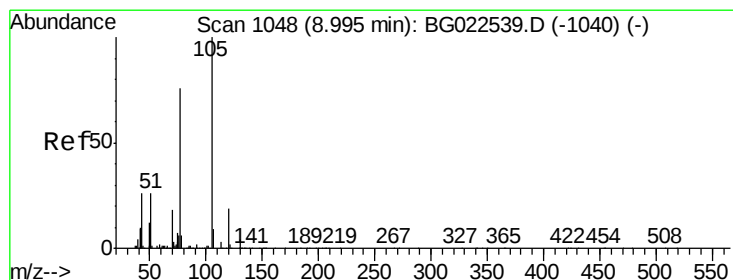
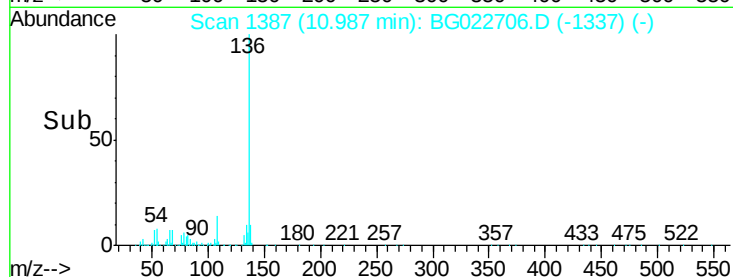
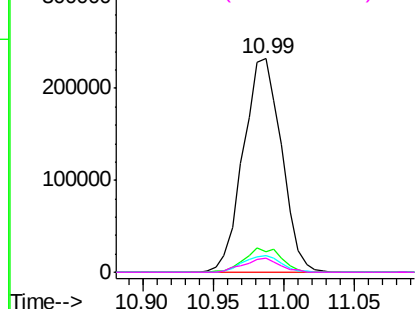
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :
S8-0581MS

Tot Ion:136	Resp:	440970	
Ion Ratio	Lower	Upper	
136 100			
137 9.9	9.6	14.4	
54 7.8	7.3	10.9	
68 6.7	5.3	7.9	

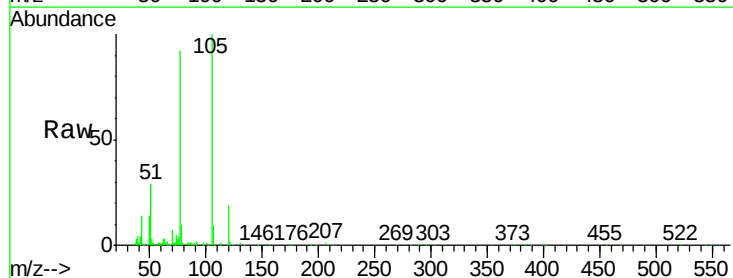


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

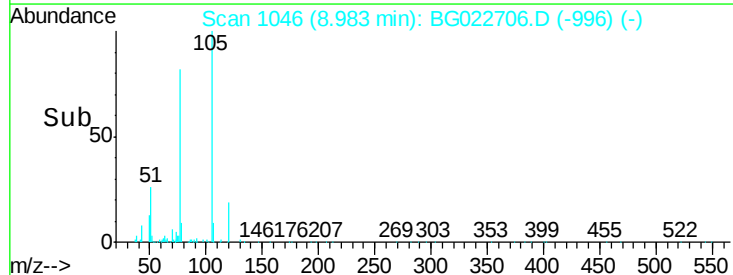
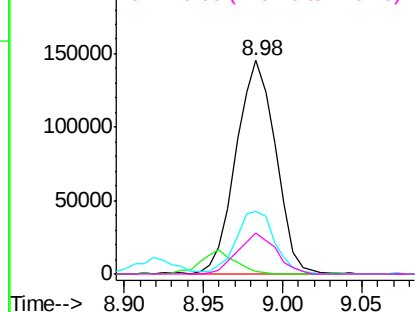


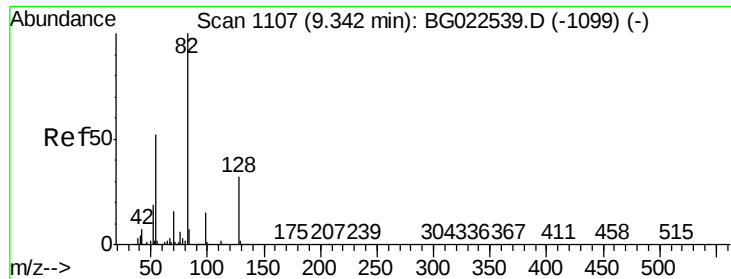
#22
Acetophenone
Concen: 19.82 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt	Ion:105	Resp:	252666
Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.6	3.8#
51	29.2	27.1	40.7
120	19.0	15.1	22.7



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

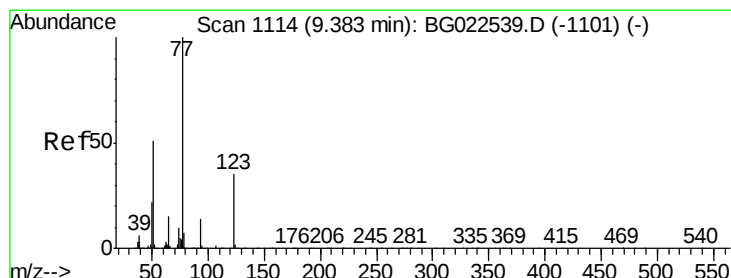
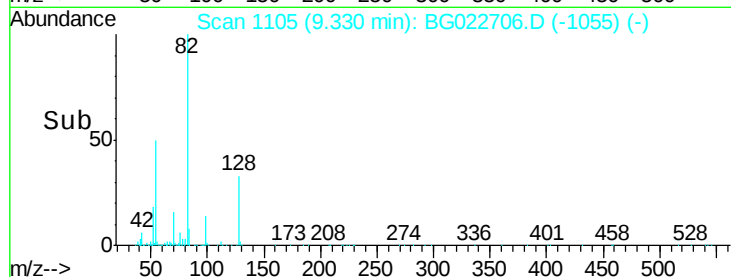
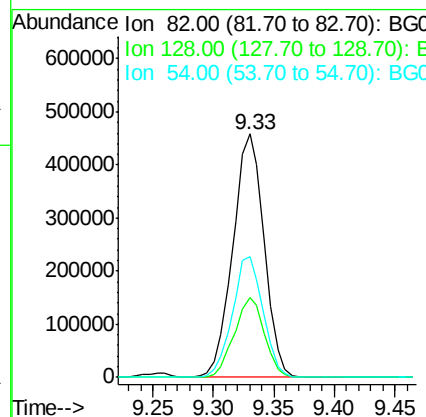
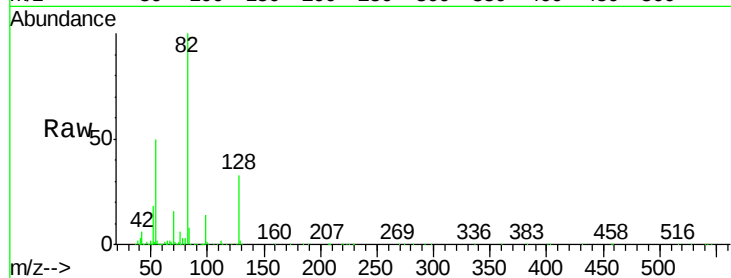




#23
 Nitrobenzene-d5
 Concen: 78.92 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

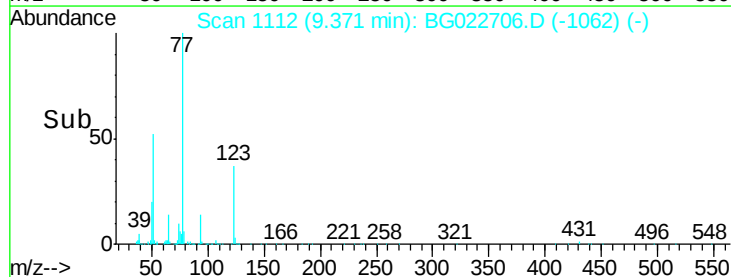
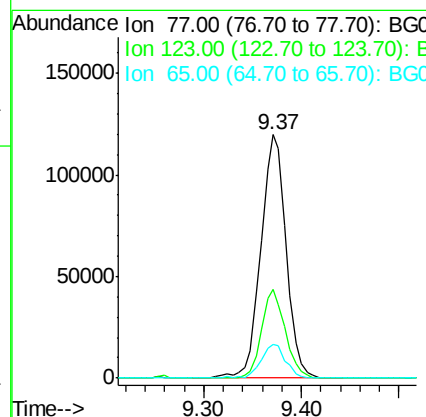
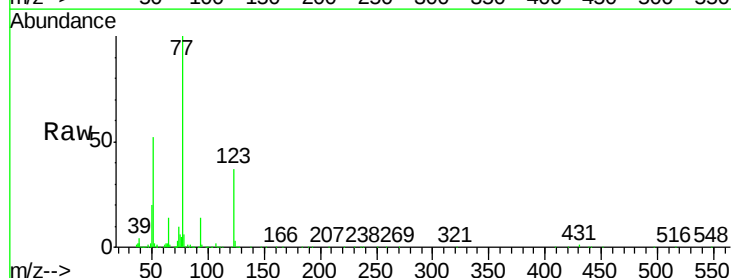
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

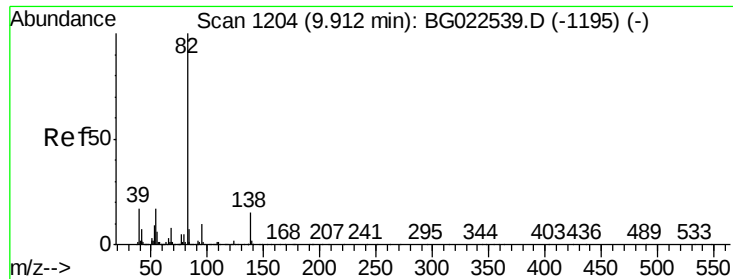
Tot Ion: 82 Resp: 822274
 Ion Ratio Lower Upper
 82 100
 128 32.6 24.4 36.6
 54 49.8 41.4 62.0



#24
 Nitrobenzene
 Concen: 18.96 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Tgt Ion: 77 Resp: 218340
 Ion Ratio Lower Upper
 77 100
 123 36.6 25.0 37.6
 65 13.7 13.4 20.0

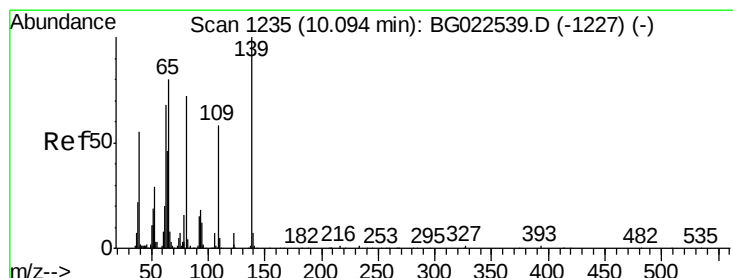
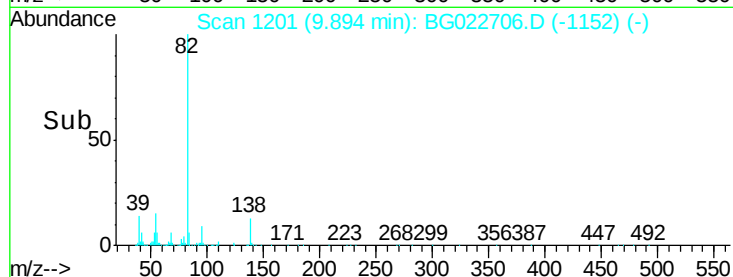
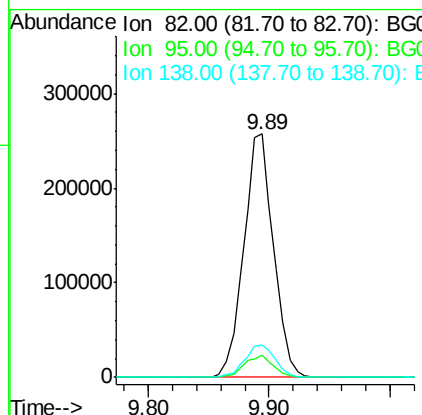
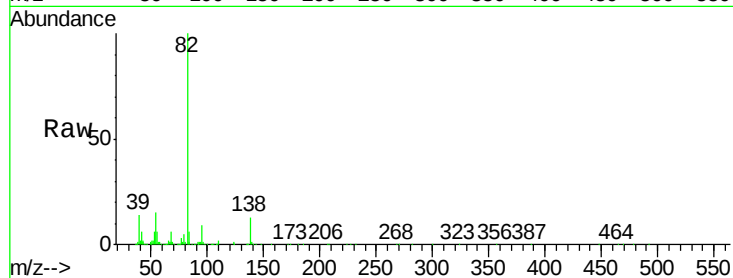




#25
Isophorone
Concen: 21.74 ng
RT: 9.89 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

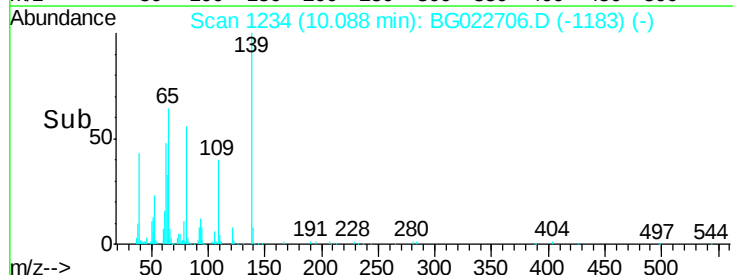
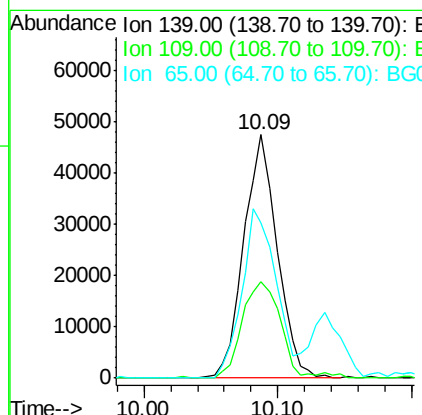
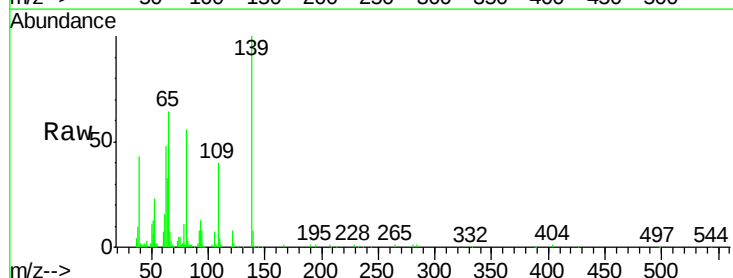
Instrument :
BNA_G
ClientSampleId :
S8-0581MS

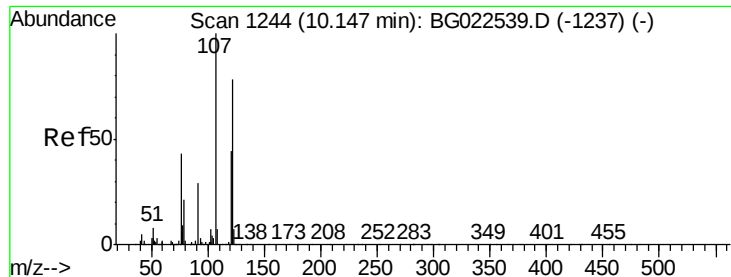
Tot Ion	82	Resp	439655
Ion	Ratio	Lower	Upper
82	100		
95	9.2	8.2	12.2
138	13.2	10.7	16.1



#26
2-Nitrophenol
Concen: 19.80 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion	139	Resp	82116
Ion	Ratio	Lower	Upper
139	100		
109	39.6	43.5	65.3#
65	63.9	64.3	96.5#





#27

2,4-Dimethylphenol

Concen: 18.43 ng

RT: 10.13 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

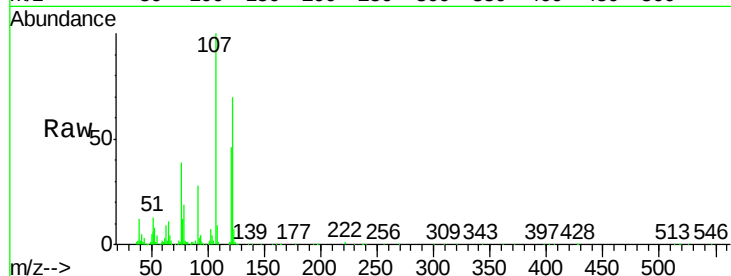
Tot Ion:122 Resp: 146039

Ion Ratio Lower Upper

122 100

107 143.3 117.0 175.4

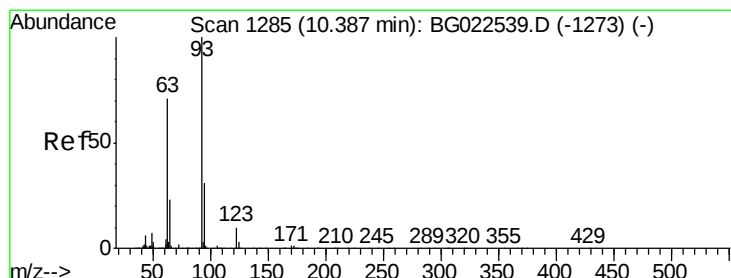
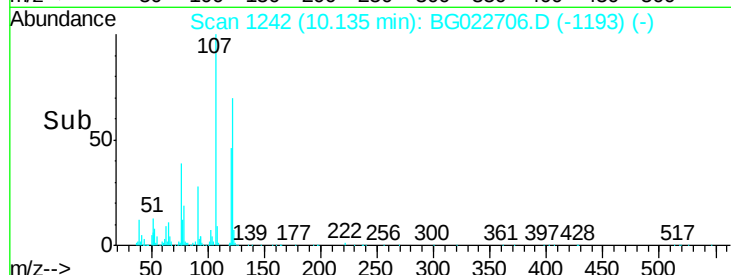
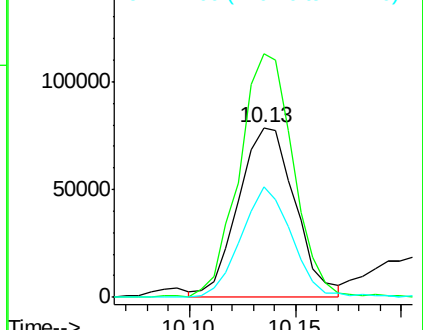
121 65.3 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 21.14 ng

RT: 10.38 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

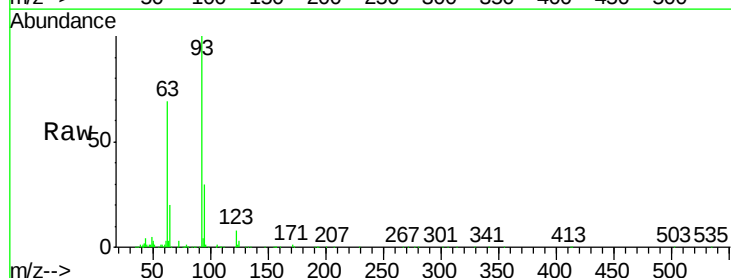
Tgt Ion: 93 Resp: 233503

Ion Ratio Lower Upper

93 100

95 29.5 25.4 38.2

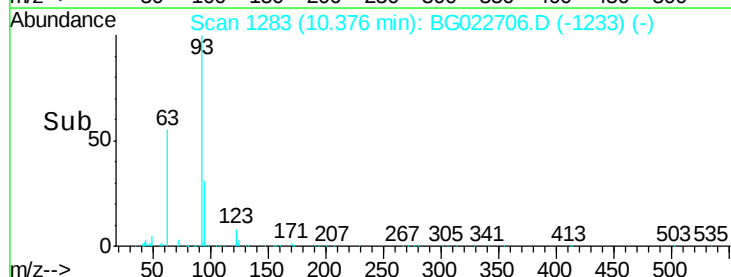
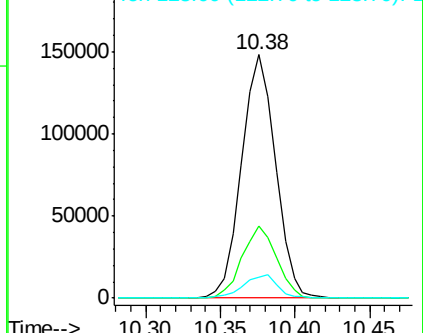
123 8.5 8.2 12.2

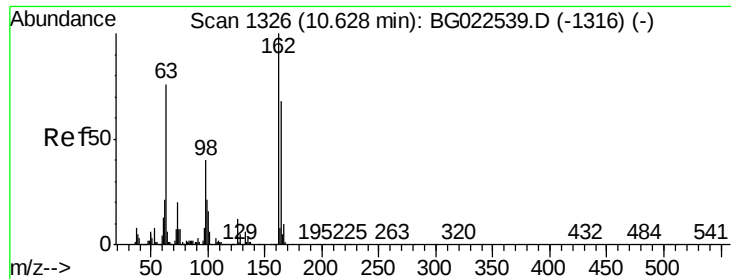


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

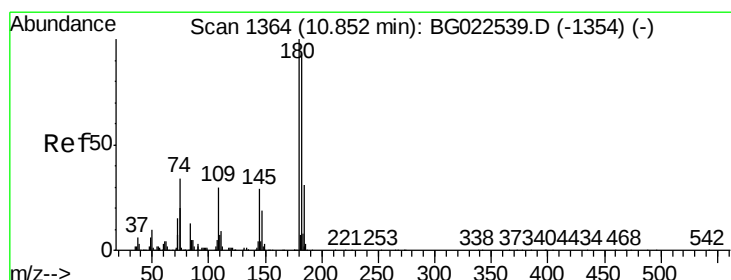
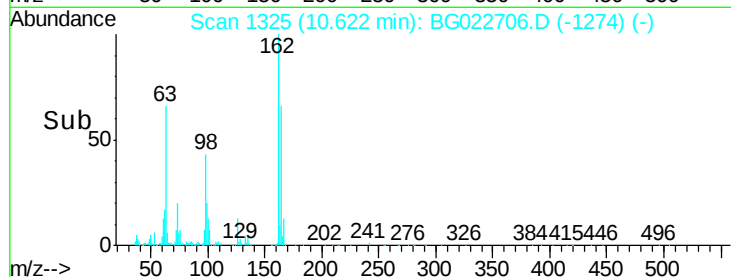
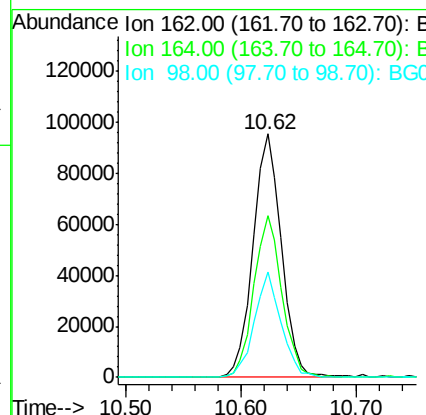
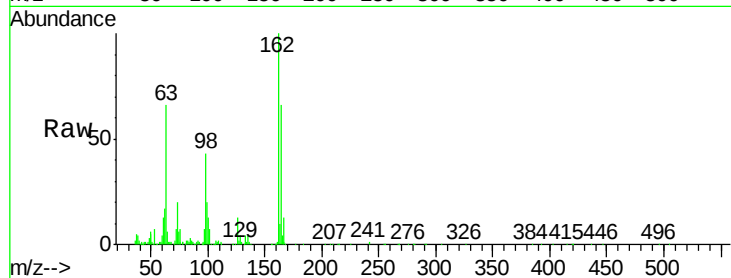




#29
 2,4-Dichlorophenol
 Concen: 21.20 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

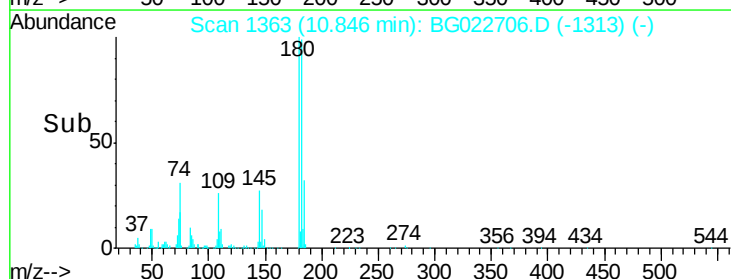
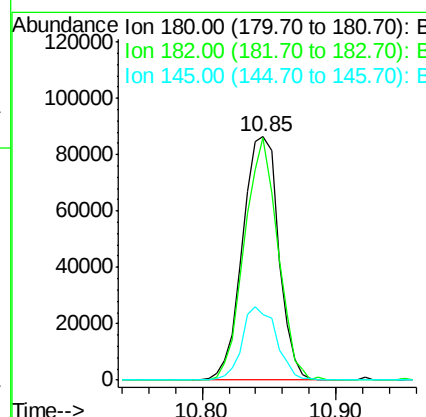
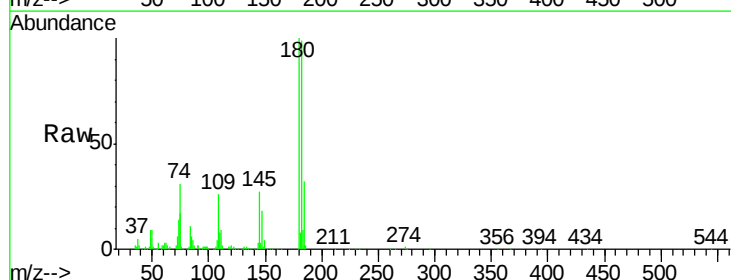
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

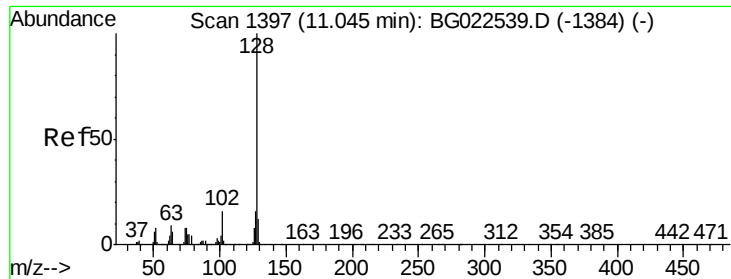
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	44.3	84.3
98	43.4	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 17.58 ng
 RT: 10.85 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	73.8	110.8
145	27.1	24.4	36.6

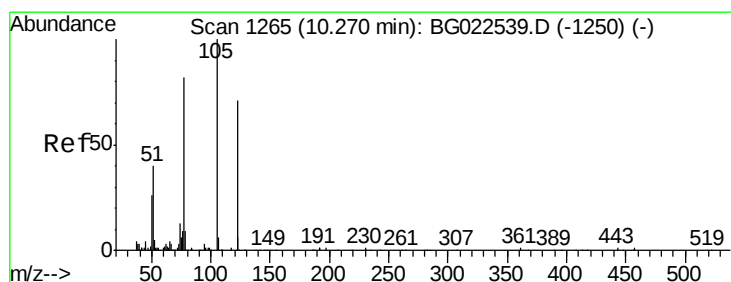
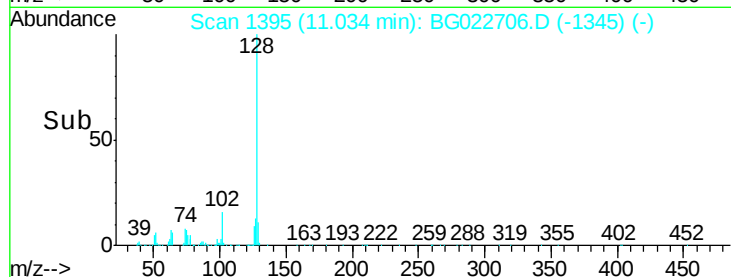
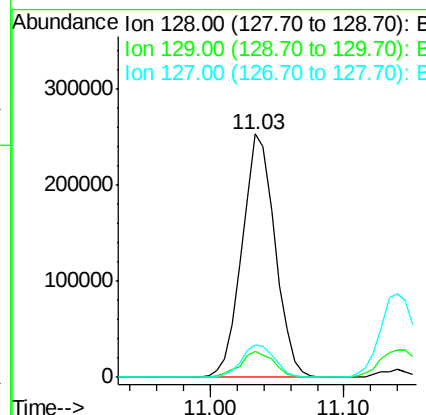
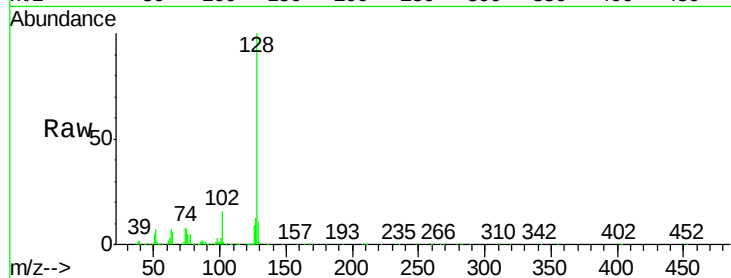




#31
Naphthalene
Concen: 19.46 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

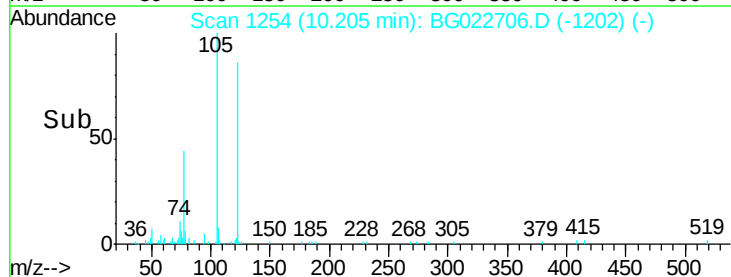
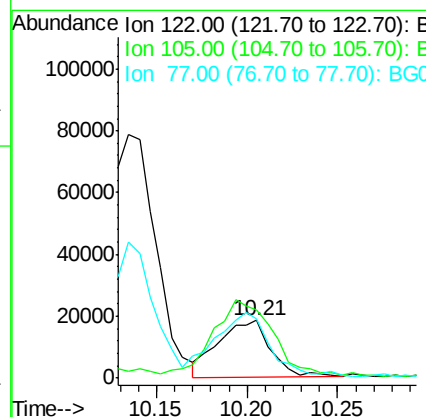
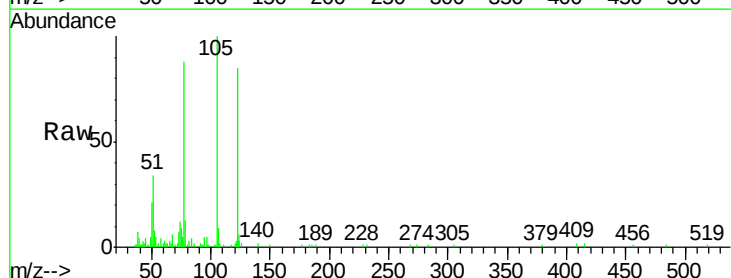
Instrument :
BNA_G
ClientSampleId :
S8-0581MS

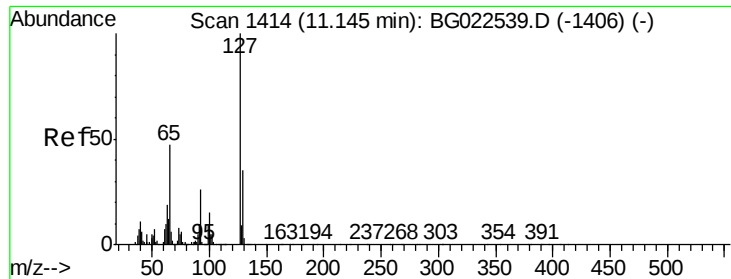
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.0
127	13.2	11.3	16.9



#32
Benzoic acid
Concen: 11.44 ng
RT: 10.21 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.7	117.2	157.2
77	103.5	109.2	149.2#

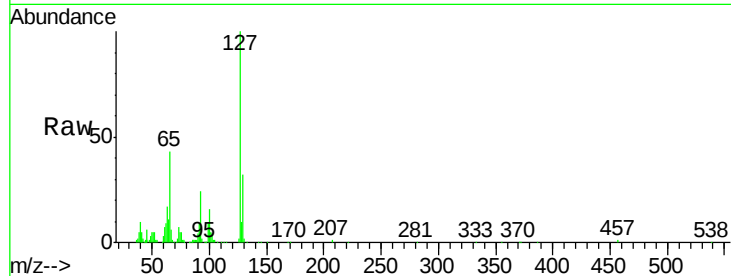




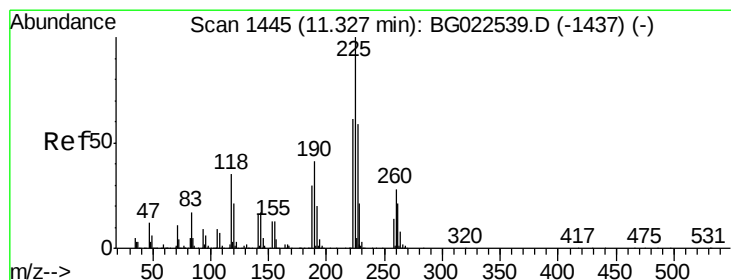
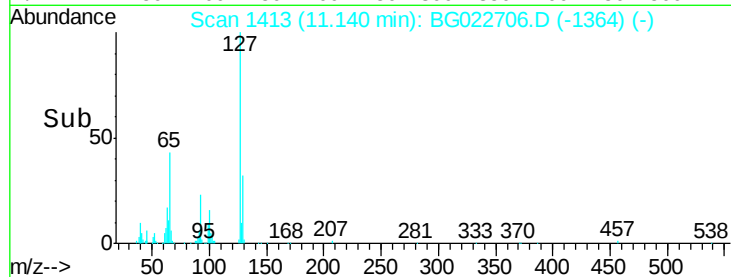
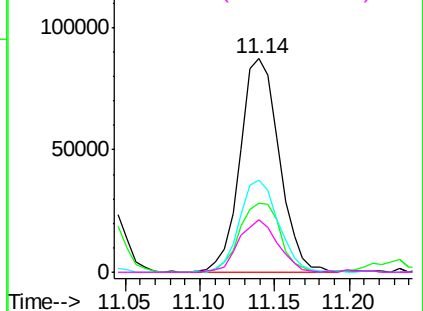
#33
4-Chloroaniline
Concen: 16.61 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :
S8-0581MS

Tot Ion:	127	Resp:	158583
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.9	41.9
65	43.1	36.8	55.2
92	24.3	21.0	31.6

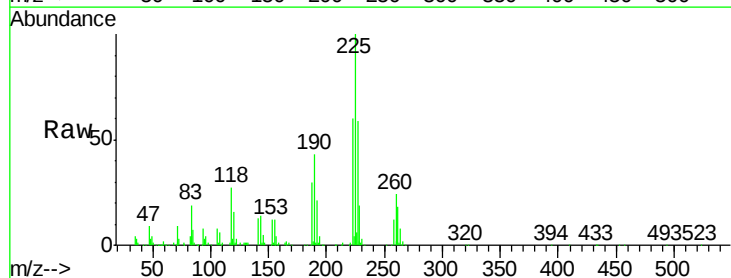


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

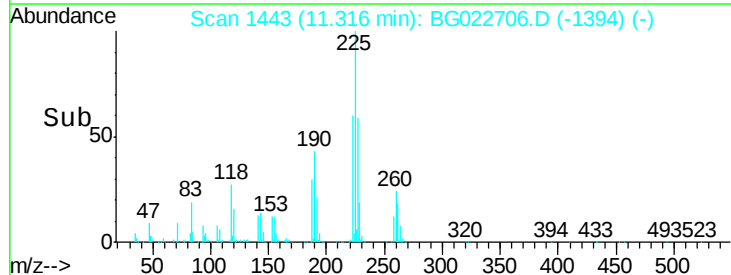
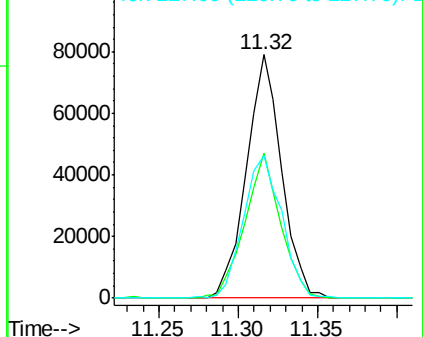


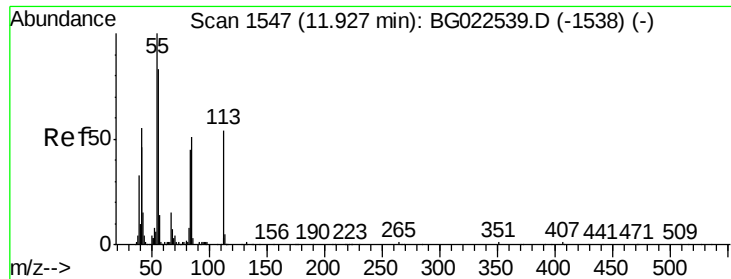
#34
Hexachlorobutadiene
Concen: 17.02 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion:	225	Resp:	121284
Ion	Ratio	Lower	Upper
225	100		
223	59.5	49.6	74.4
227	58.6	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

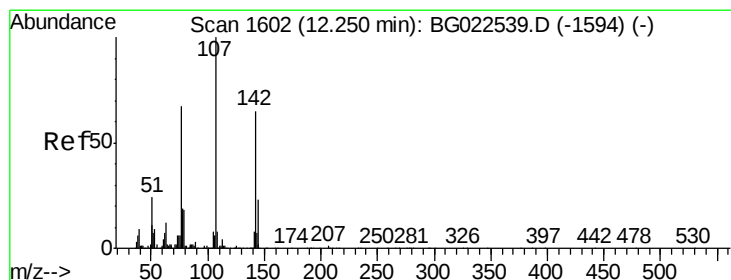
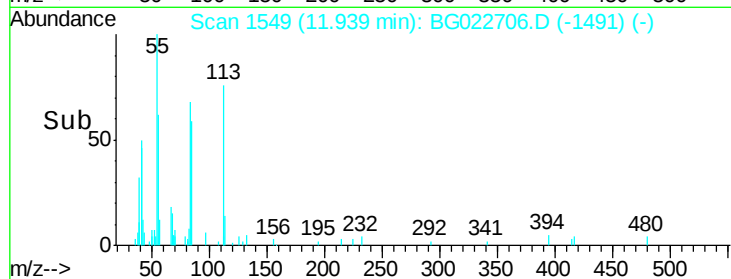
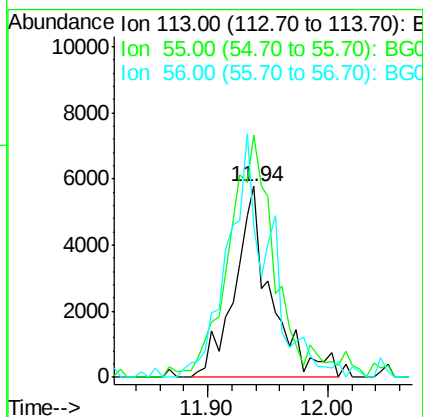
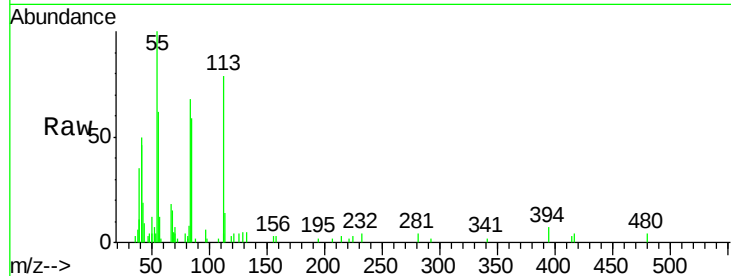




#35
Caprolactam
Concen: 5.05 ng/ml
RT: 11.94 min Scan# 1549
Delta R.T. 0.04 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

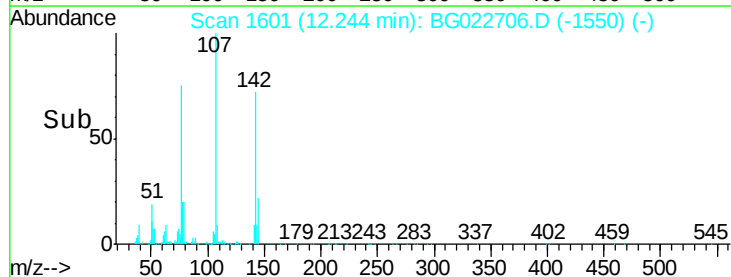
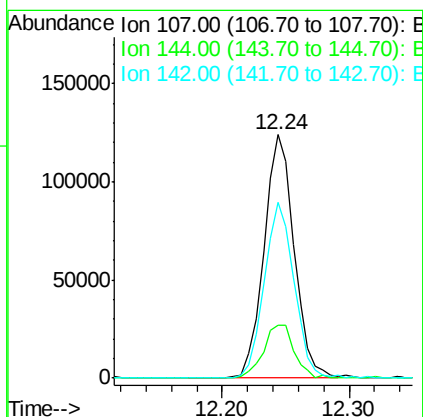
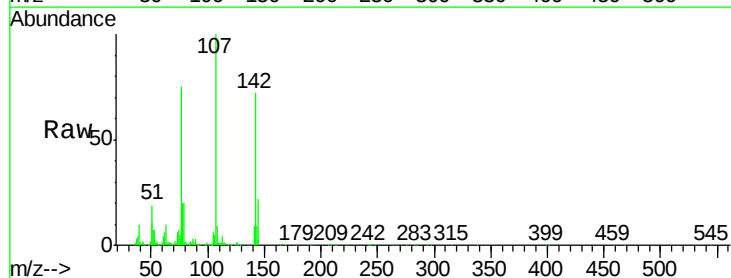
Instrument :
BNA_G
ClientSampleId :
S8-0581MS

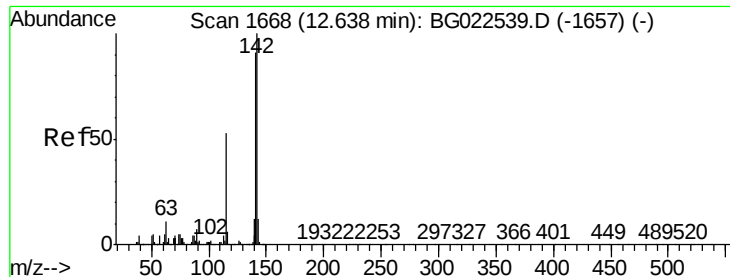
Tot Ion:113 Resp: 12289
Ion Ratio Lower Upper
113 100
55 127.1 154.5 194.5#
56 79.0 125.1 165.1#



#36
4-Chloro-3-methylphenol
Concen: 21.54 ng
RT: 12.24 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion:107 Resp: 204174
Ion Ratio Lower Upper
107 100
144 21.8 17.0 25.6
142 72.4 53.0 79.6

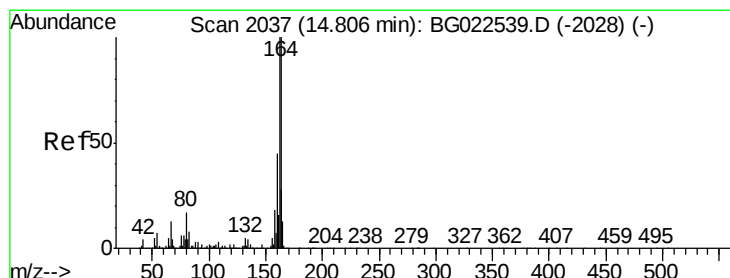
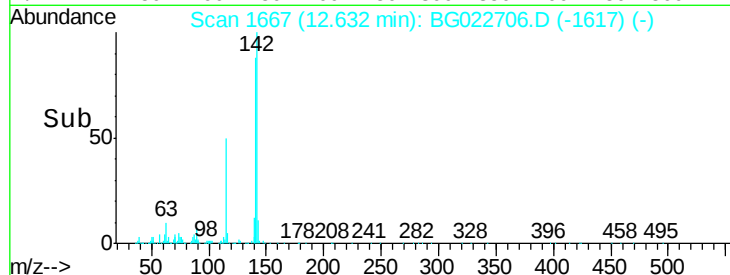
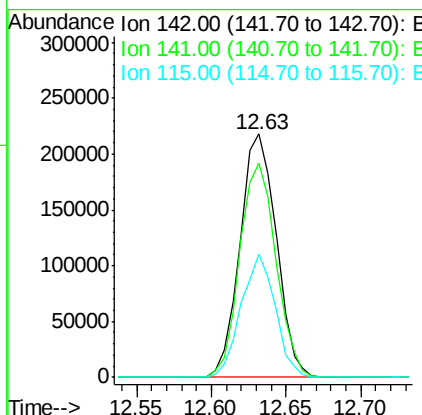
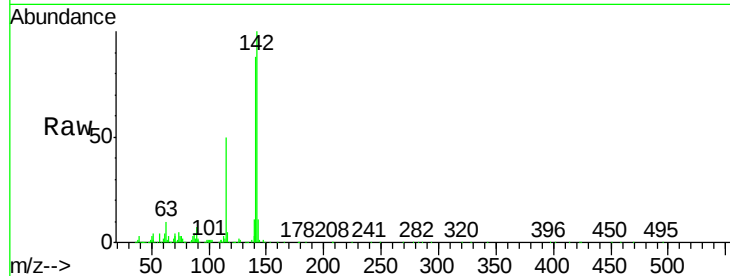




#37
 2-Methylnaphthalene
 Concen: 21.39 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

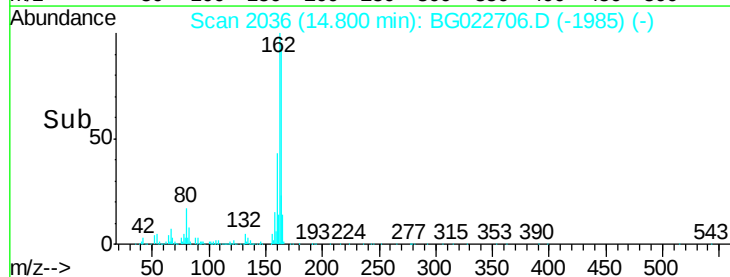
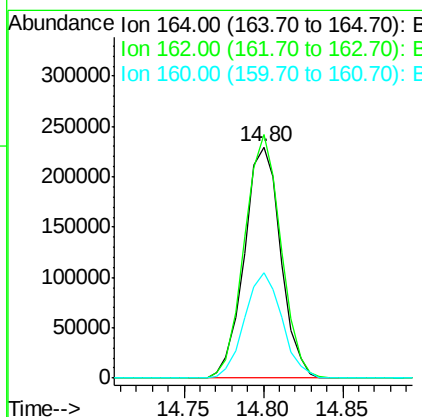
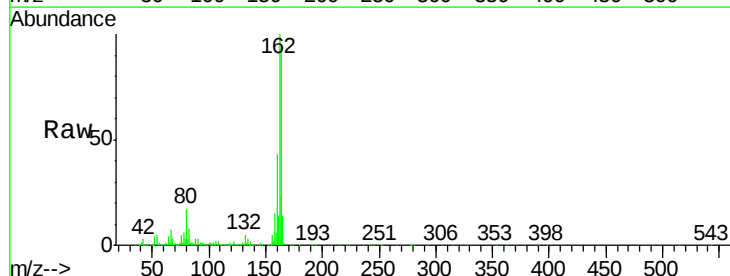
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.2	105.2
115	50.5	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: BG022706.D
 Acq: 29 Jun 2016 23:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	87.7	131.5
160	45.8	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 17.37 ng

RT: 13.00 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

Tot Ion:216 Resp: 239586

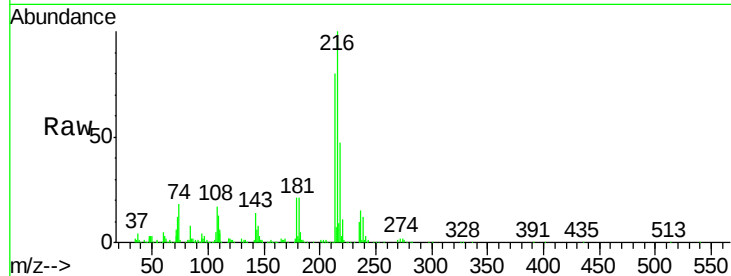
Ion Ratio Lower Upper

216 100

214 79.3 62.9 94.3

179 20.1 17.2 25.8

108 20.8 16.3 24.5

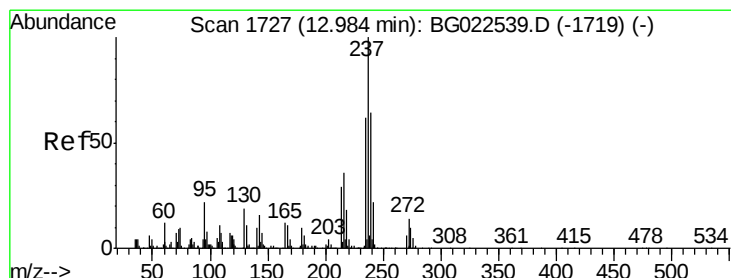
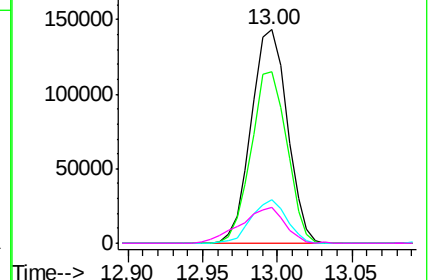
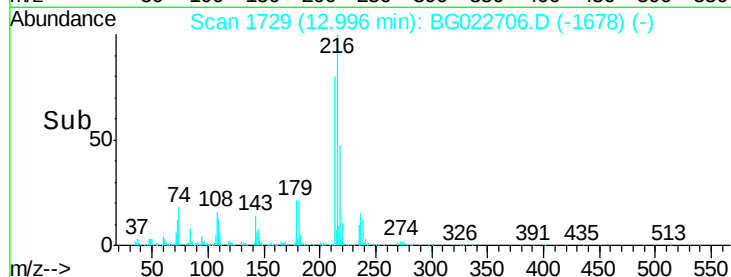


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.80 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

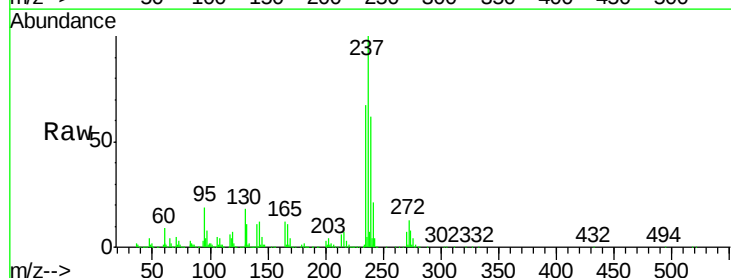
Tgt Ion:237 Resp: 438136

Ion Ratio Lower Upper

237 100

235 67.2 43.1 83.1

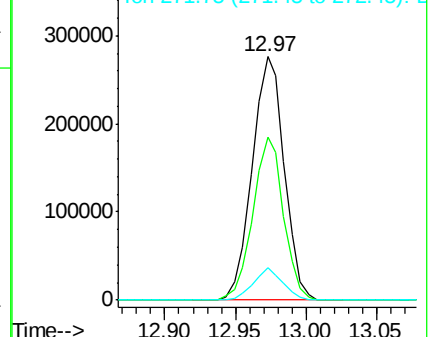
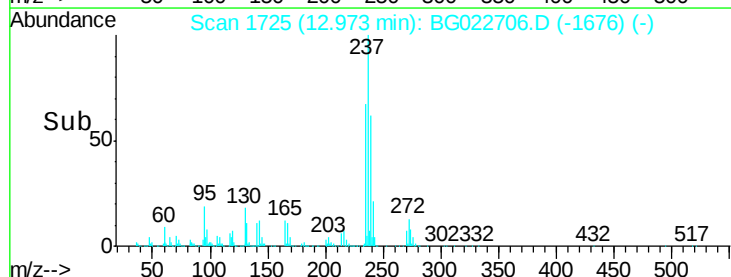
272 13.3 0.0 30.9

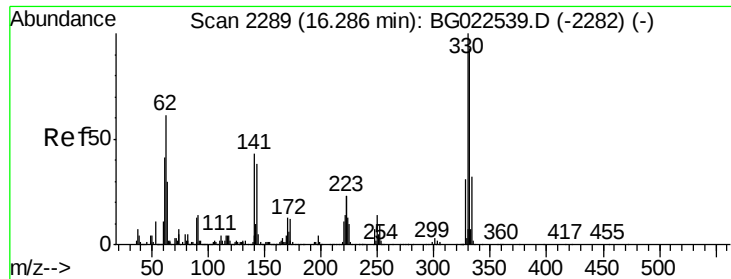


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

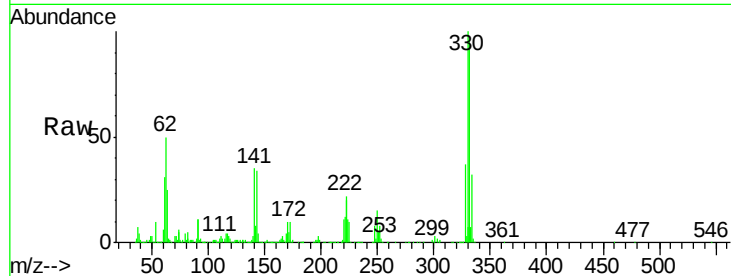




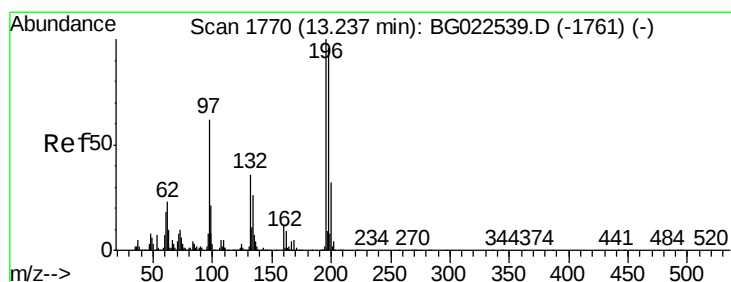
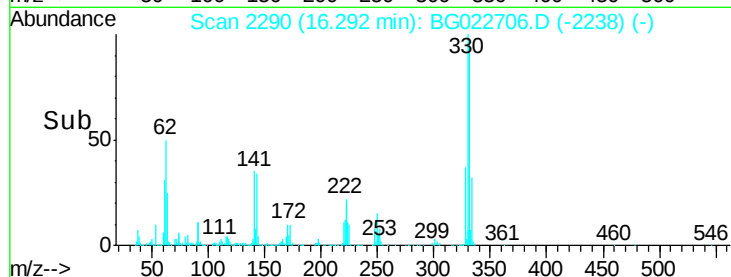
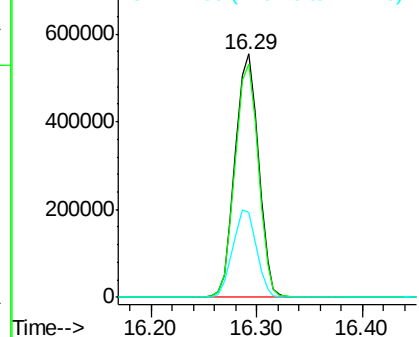
#41
 2,4,6-Tribromophenol
 Concen: 147.67 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

Tot Ion:330 Resp: 848399
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 36.4 31.7 47.5

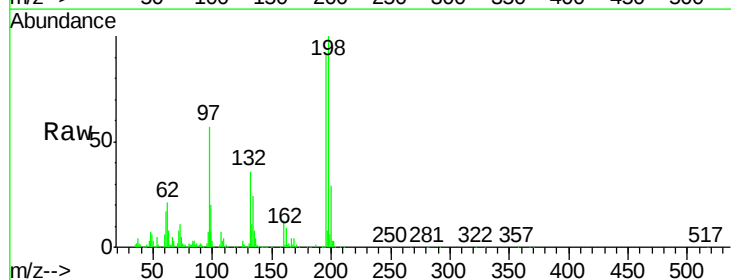


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

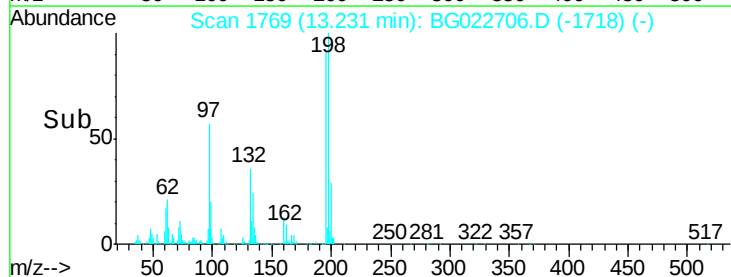
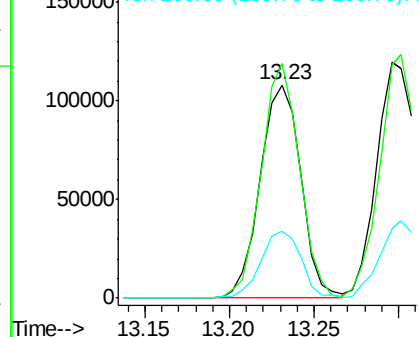


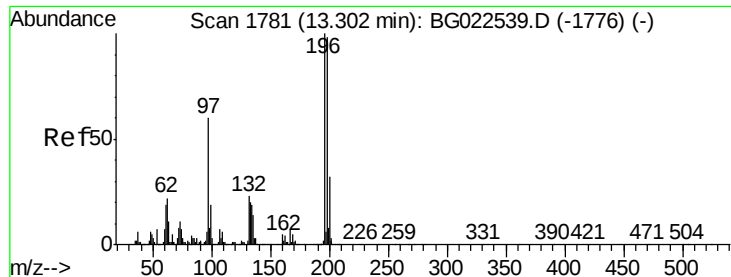
#42
 2,4,6-Trichlorophenol
 Concen: 20.47 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Tgt Ion:196 Resp: 180967
 Ion Ratio Lower Upper
 196 100
 198 110.1 78.2 117.2
 200 31.6 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

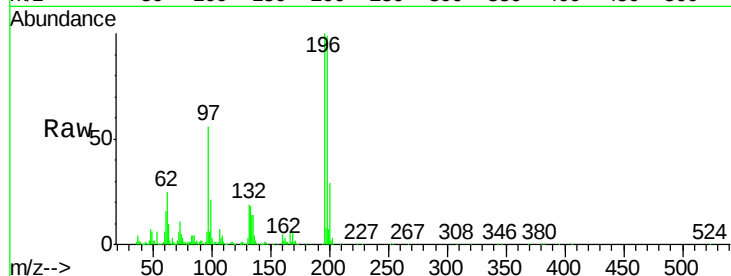




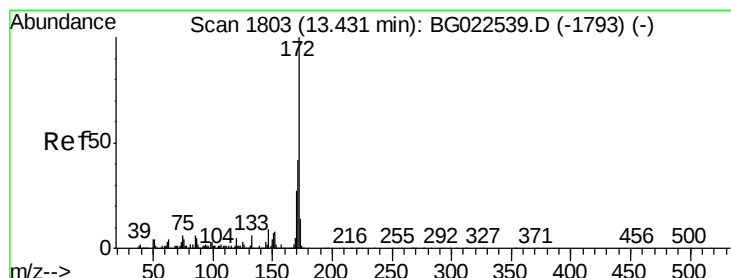
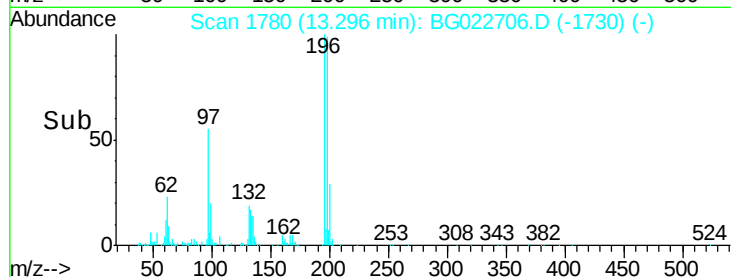
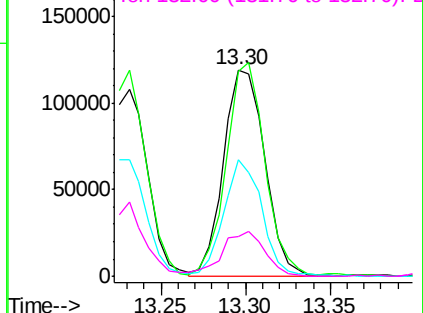
#43
2,4,5-Trichlorophenol
Concen: 21.92 ng
RT: 13.30 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Instrument :
BNA_G
ClientSampleId :
S8-0581MS

Tot Ion:196	Resp:	202831
Ion	Ratio	Lower Upper
196	100	
198	99.4	85.7 128.5
97	56.4	45.5 68.3
132	19.4	18.9 28.3

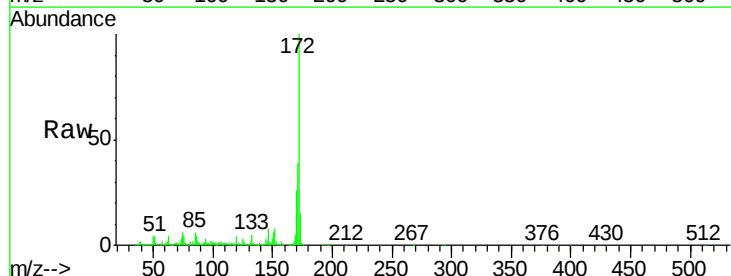


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

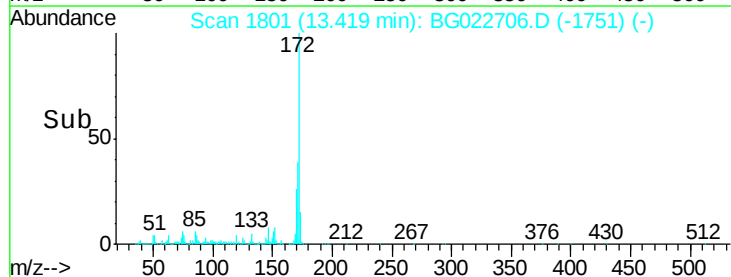
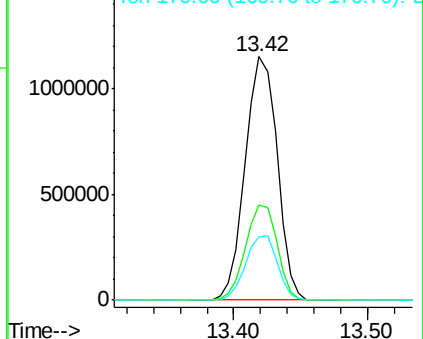


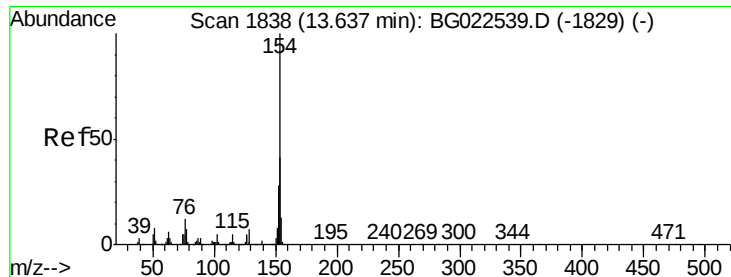
#44
2-Fluorobiphenyl
Concen: 82.66 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion:172	Resp:	1903848
Ion	Ratio	Lower Upper
172	100	
171	39.0	31.6 47.4
170	25.9	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: 19.78 ng

RT: 13.63 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

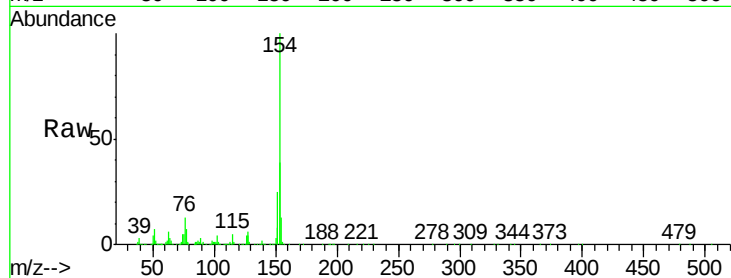
Tot Ion:154 Resp: 550268

Ion Ratio Lower Upper

154 100

153 39.2 20.2 60.2

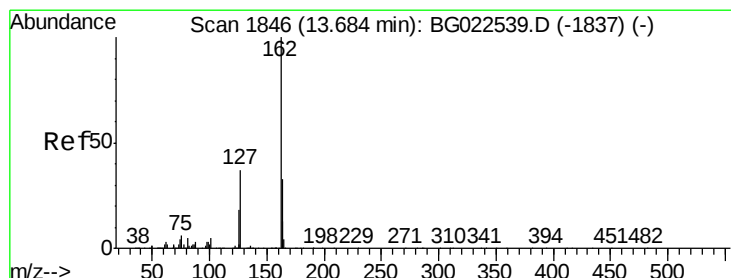
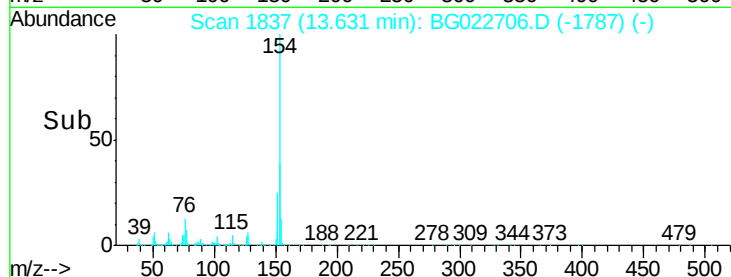
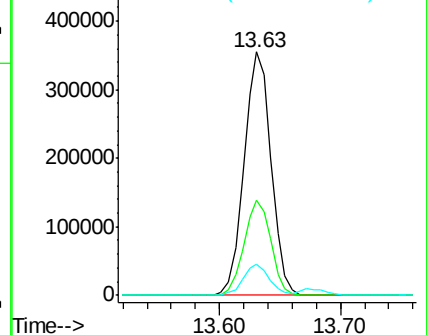
76 12.8 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 19.20 ng

RT: 13.68 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

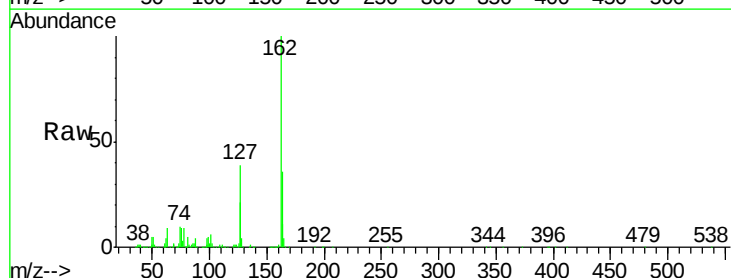
Tgt Ion:162 Resp: 439677

Ion Ratio Lower Upper

162 100

127 39.0 32.4 48.6

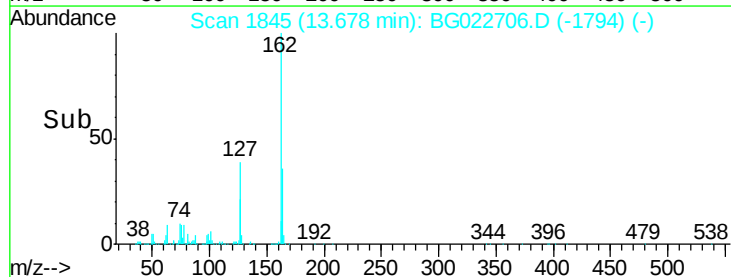
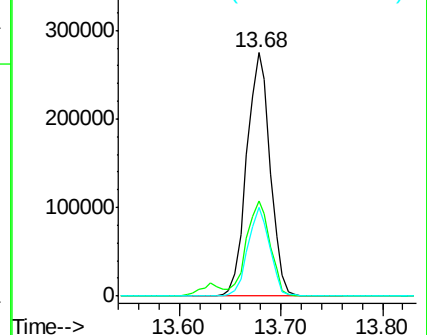
164 36.5 25.2 37.8

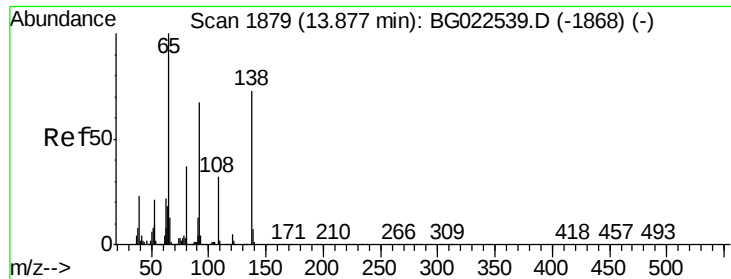


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 21.12 ng

RT: 13.88 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

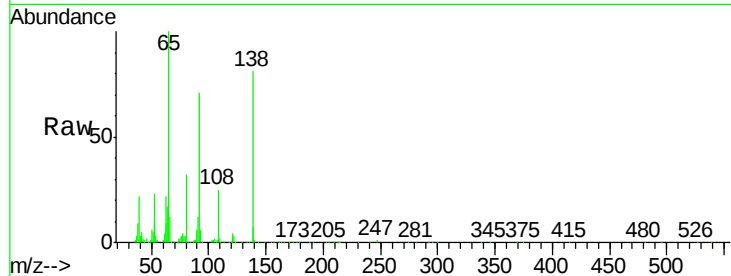
Tot Ion: 65 Resp: 186643

Ion Ratio Lower Upper

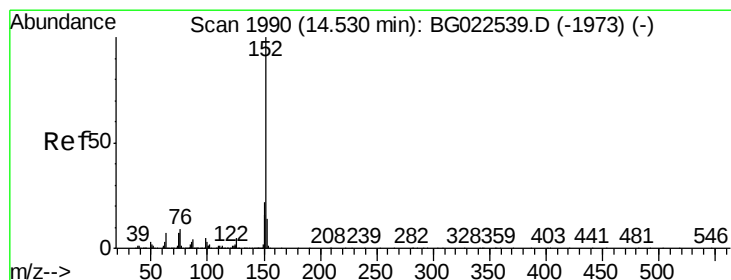
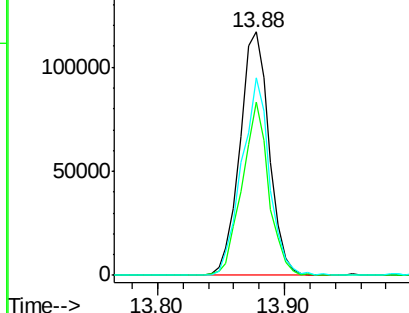
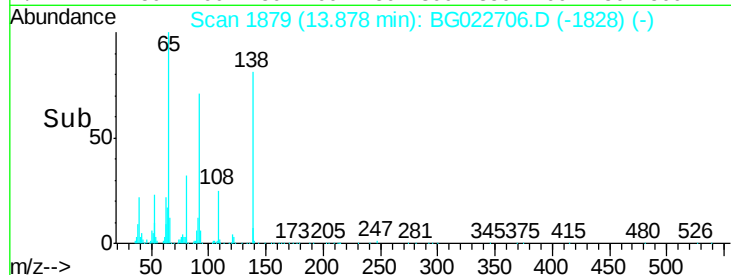
65 100

92 71.1 49.4 74.0

138 81.1 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 21.23 ng

RT: 14.52 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

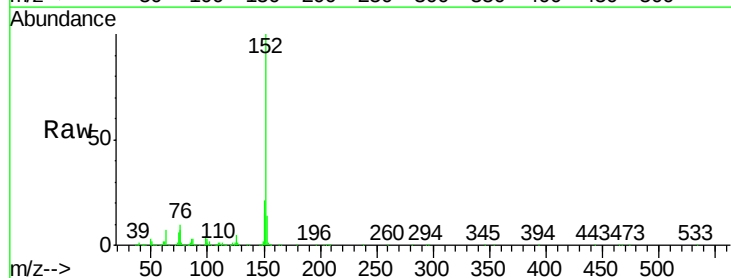
Tgt Ion: 152 Resp: 704939

Ion Ratio Lower Upper

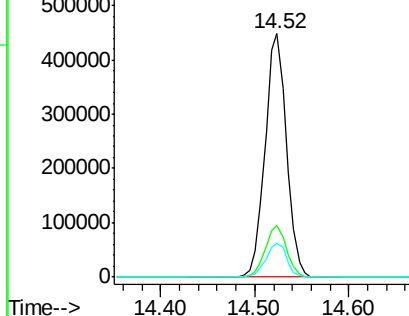
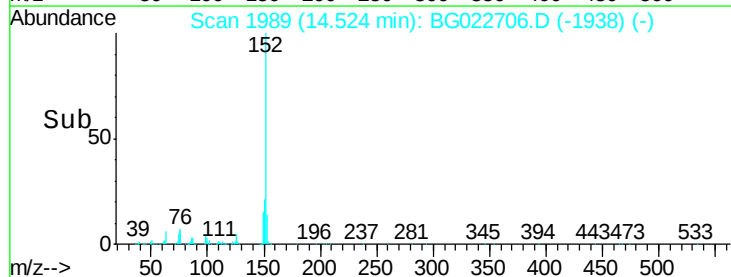
152 100

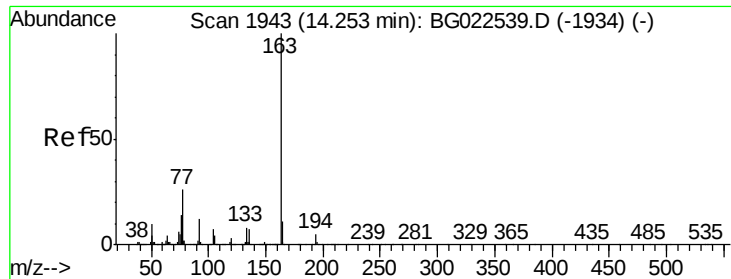
151 21.3 17.6 26.4

153 14.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

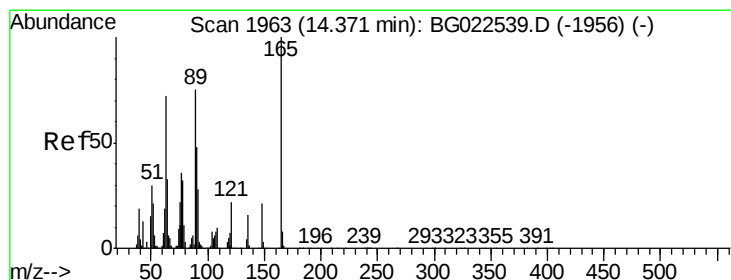
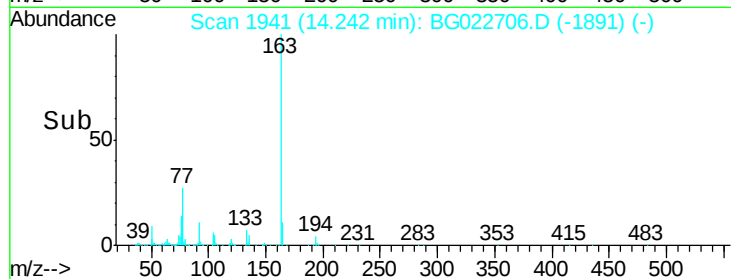
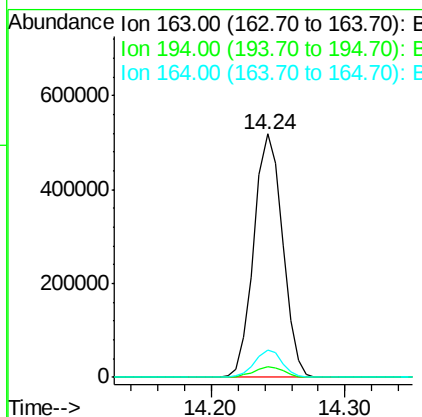
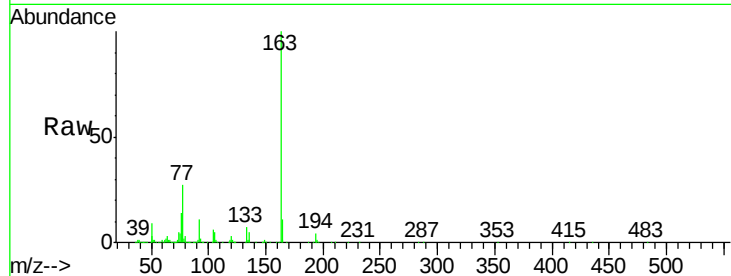




#49
Dimethylphthalate
Concen: 25.31 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

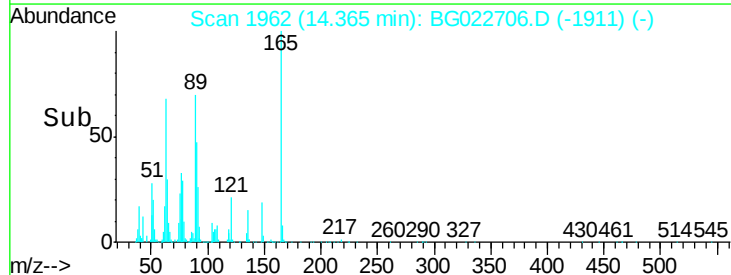
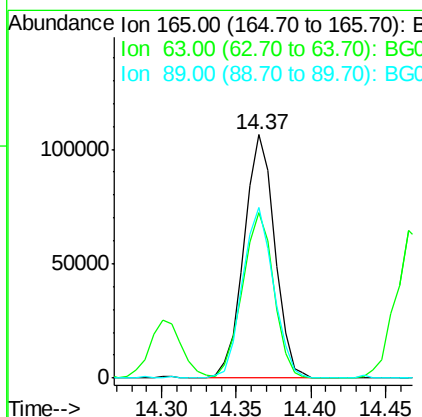
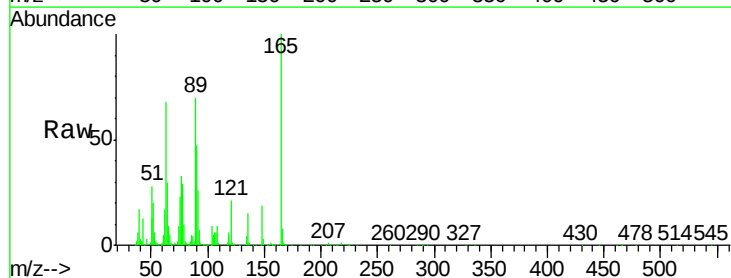
Instrument :
BNA_G
ClientSampleId :
S8-0581MS

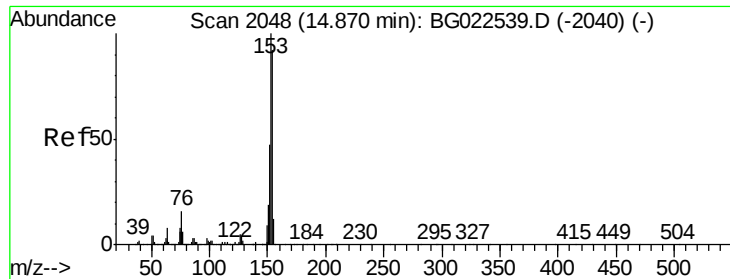
Tot Ion:163 Resp: 766962
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 11.1 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 23.06 ng
RT: 14.37 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion:165 Resp: 151844
Ion Ratio Lower Upper
165 100
63 67.8 64.3 96.5
89 70.1 64.3 96.5





#51

Acenaphthene

Concen: 18.51 ng

RT: 14.86 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

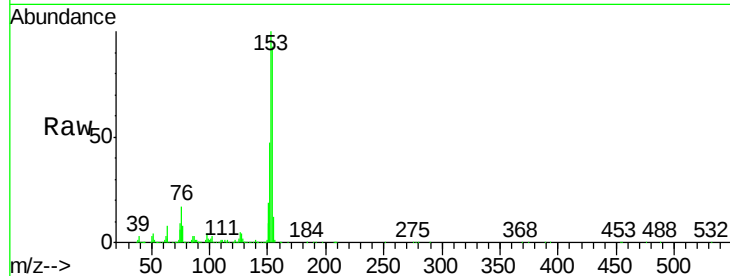
Tot Ion:154 Resp: 452849

Ion Ratio Lower Upper

154 100

153 107.6 87.5 131.3

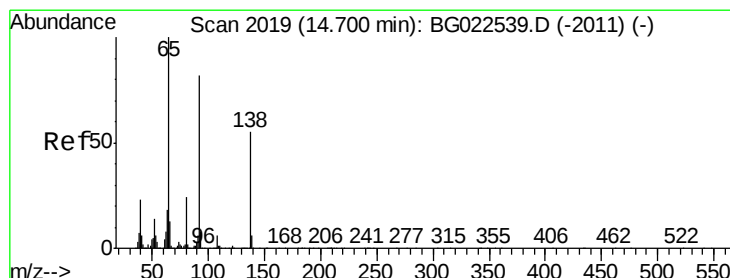
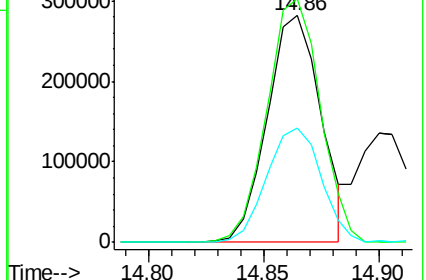
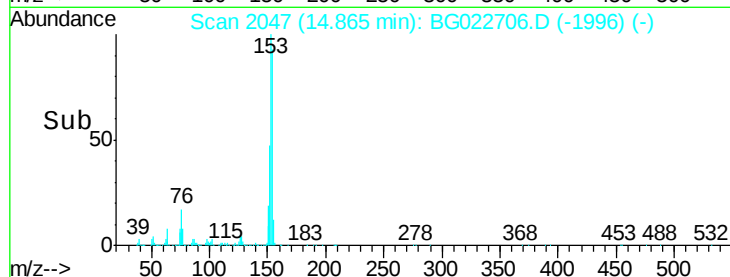
152 50.5 42.7 64.1



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: 18.11 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

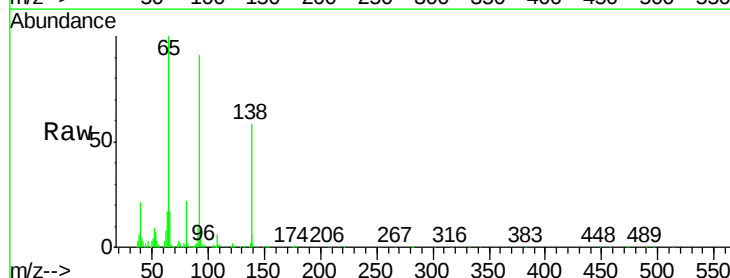
Tgt Ion:138 Resp: 111548

Ion Ratio Lower Upper

138 100

108 11.1 11.7 17.5#

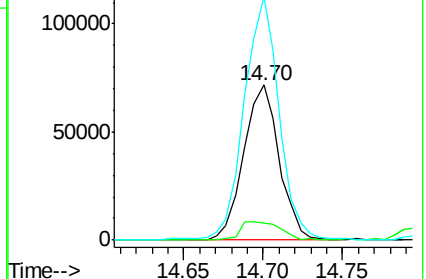
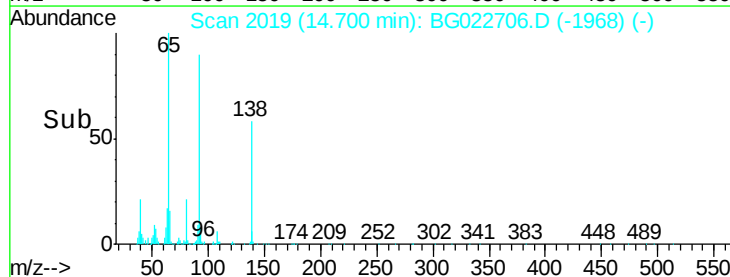
92 156.9 129.7 194.5

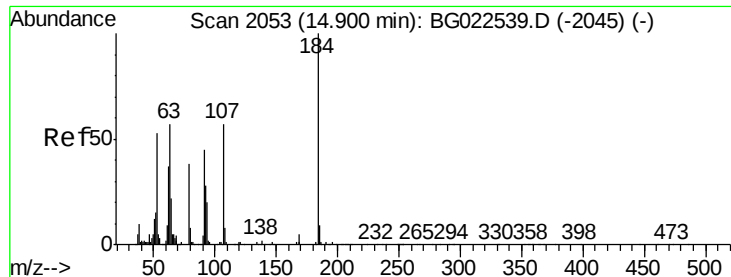


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 66.72 ng

RT: 14.91 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

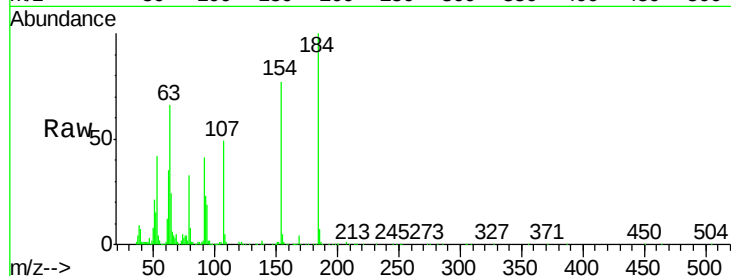
Tot Ion:184 Resp: 270589

Ion Ratio Lower Upper

184 100

63 66.3 59.6 89.4

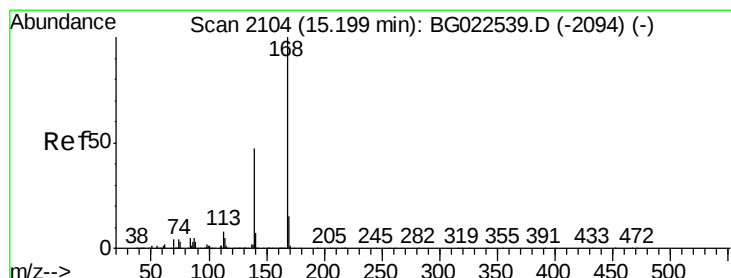
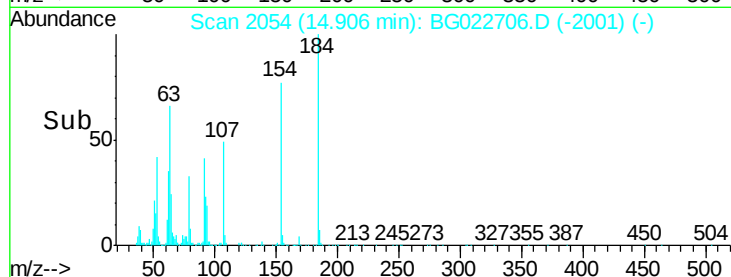
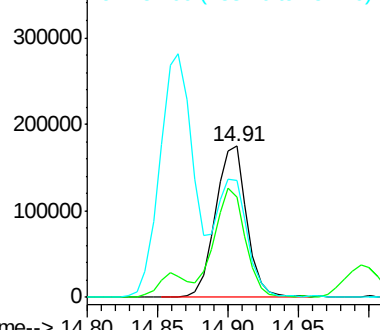
154 77.1 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 21.93 ng

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

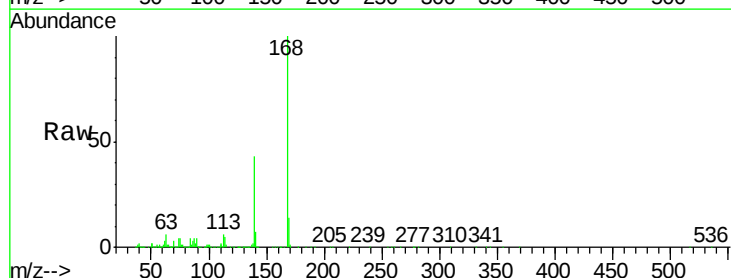
Tgt Ion:168 Resp: 777121

Ion Ratio Lower Upper

168 100

139 43.3 36.4 54.6

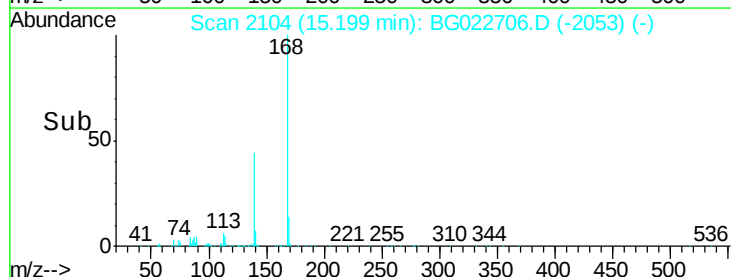
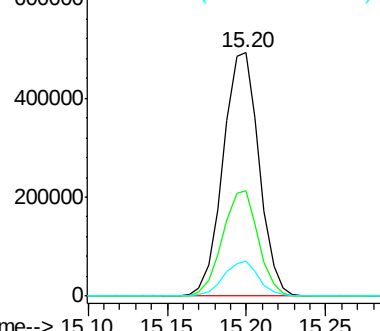
169 14.4 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

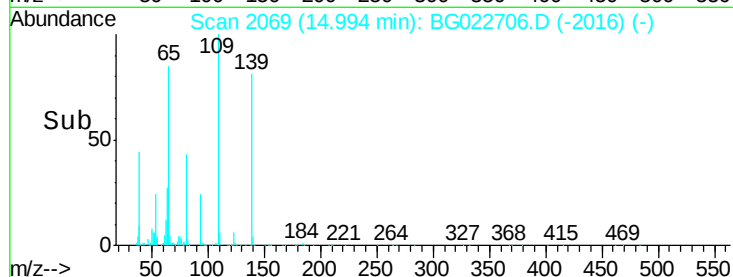
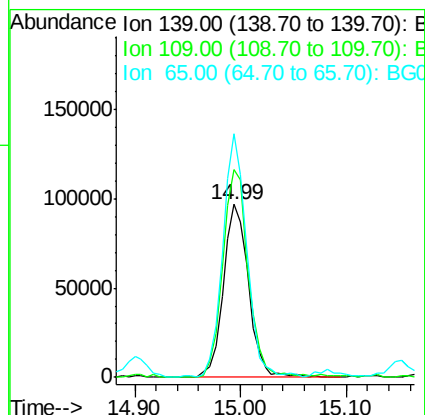
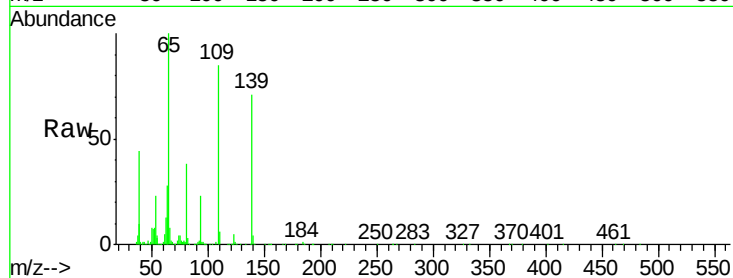




#55
4-Nitrophenol
Concen: 30.84 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

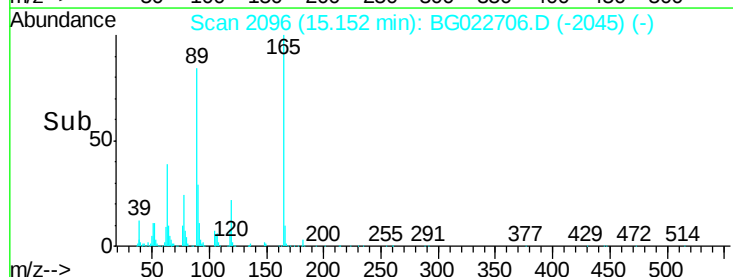
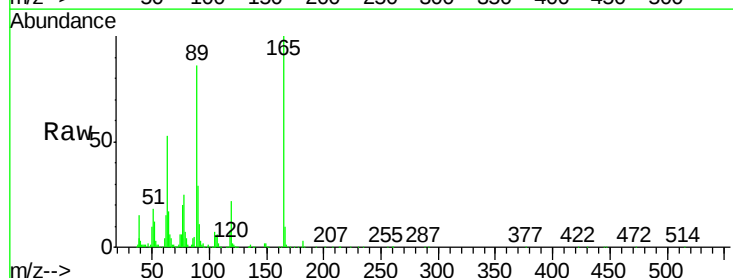
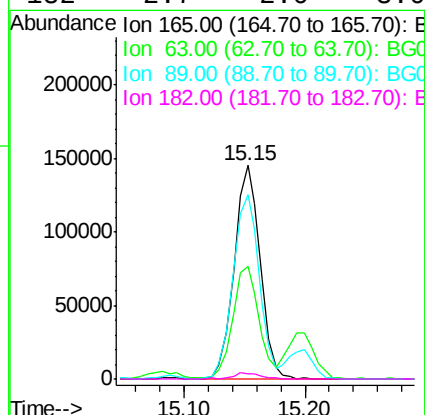
Instrument :
BNA_G
ClientSampleId :
S8-0581MS

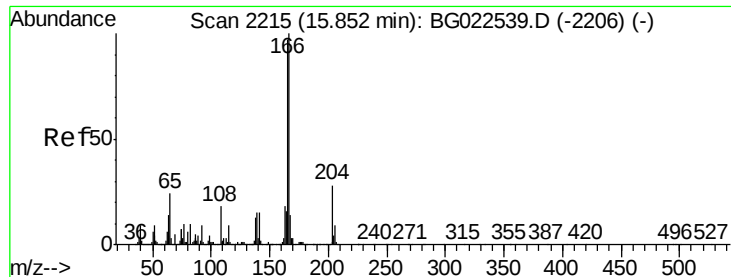
Tot Ion:139 Resp: 160650
Ion Ratio Lower Upper
139 100
109 120.2 103.0 143.0
65 140.8 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 23.83 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion:165 Resp: 217371
Ion Ratio Lower Upper
165 100
63 52.8 45.8 68.6
89 86.3 68.6 102.8
182 2.7 2.0 3.0

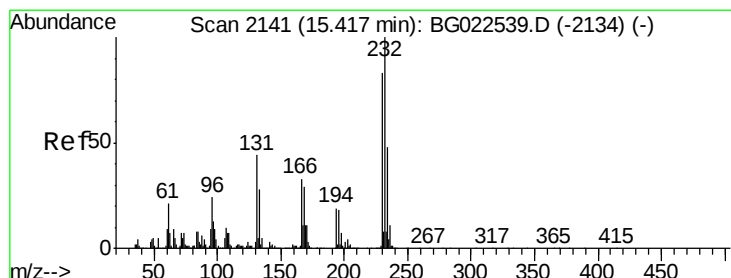
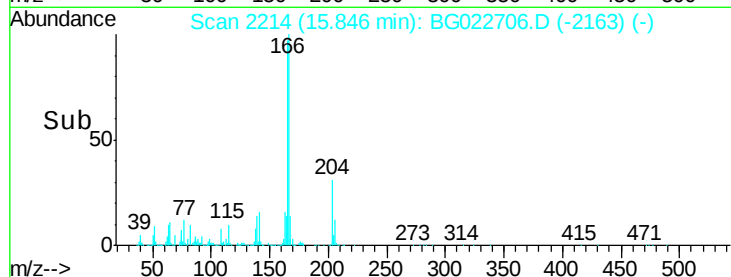
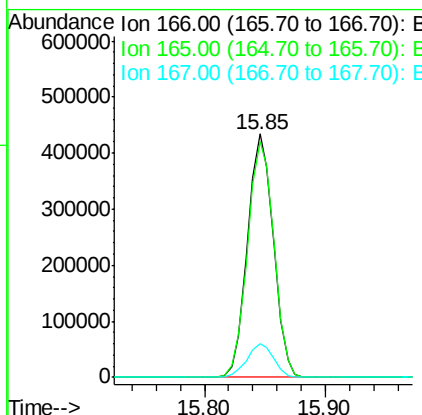
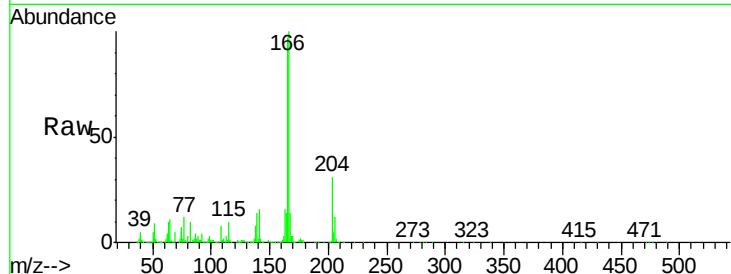




#57
Fluorene
 Concen: 23.06 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

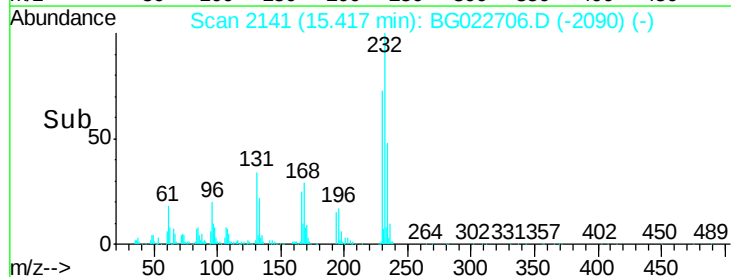
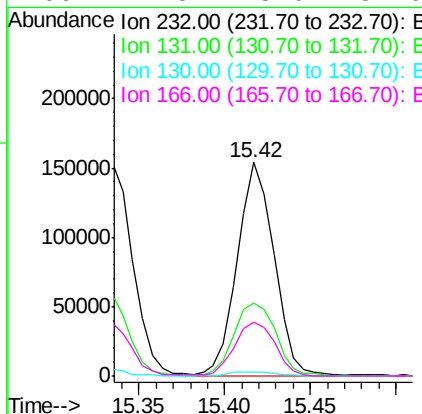
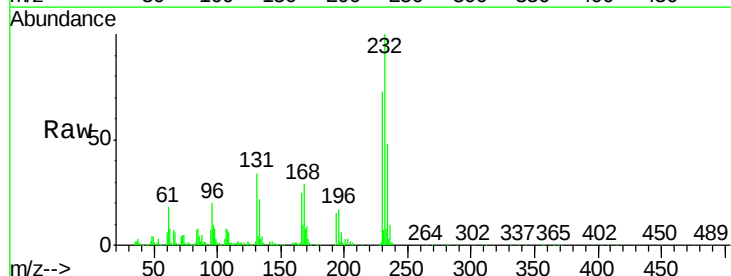
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

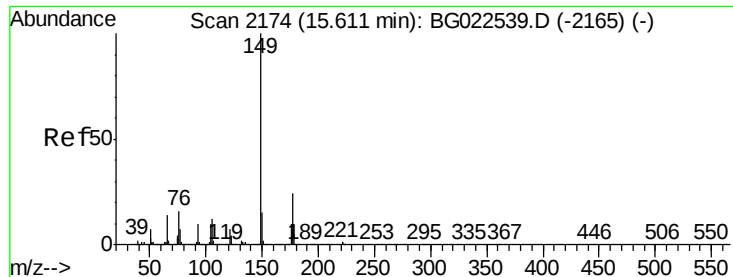
Tot Ion	166	Resp	651909
Ion Ratio	Lower	Upper	
166	100		
165	96.7	81.0	121.6
167	13.8	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 23.95 ng m
 RT: 15.42 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Tgt Ion	232	Resp	229785
Ion Ratio	Lower	Upper	
232	100		
131	33.5	32.7	49.1
130	2.8	2.6	3.8
166	24.8	23.0	34.6





#59

Diethylphthalate

Concen: 24.33 ng

RT: 15.60 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

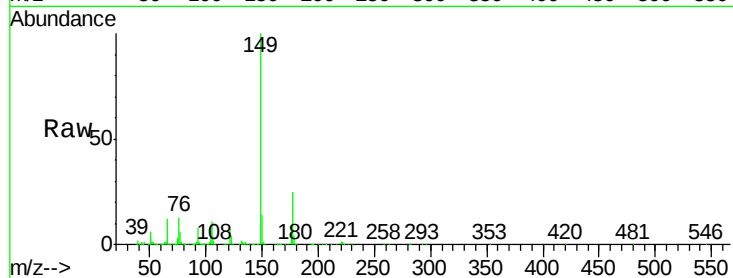
Tot Ion:149 Resp: 758000

Ion Ratio Lower Upper

149 100

177 24.5 19.2 28.8

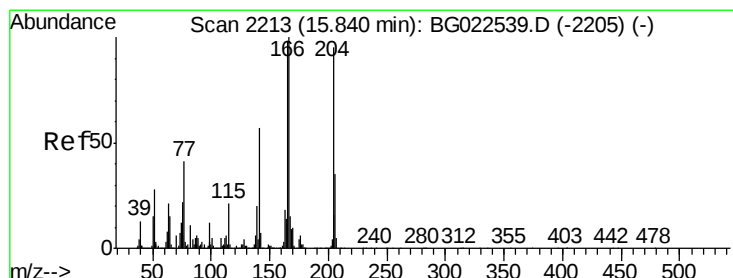
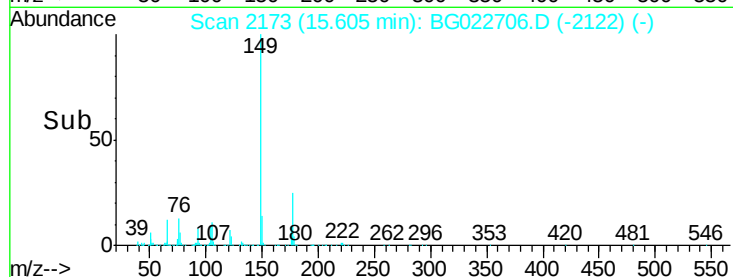
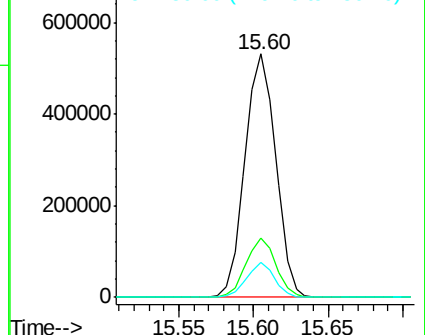
150 14.3 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 23.12 ng

RT: 15.83 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

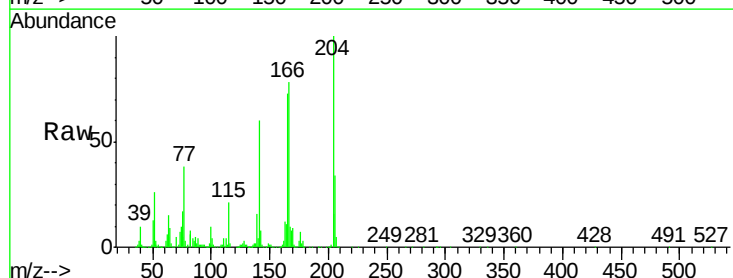
Tgt Ion:204 Resp: 389114

Ion Ratio Lower Upper

204 100

206 34.0 28.5 42.7

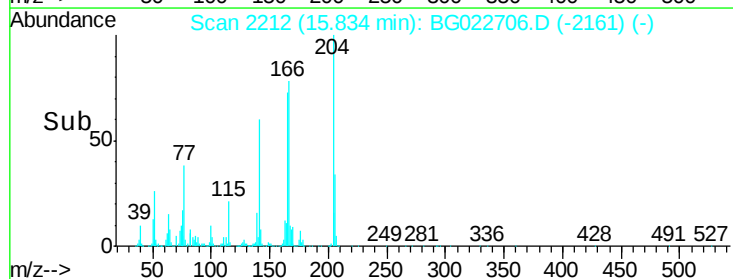
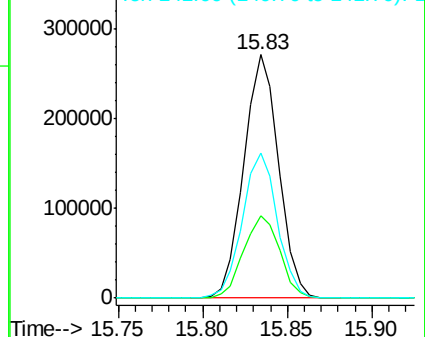
141 59.6 51.4 77.0

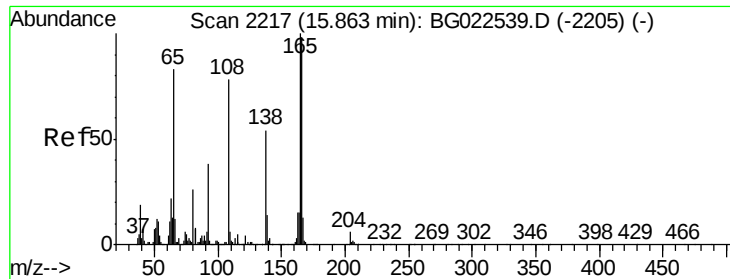


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 22.80 ng

RT: 15.86 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

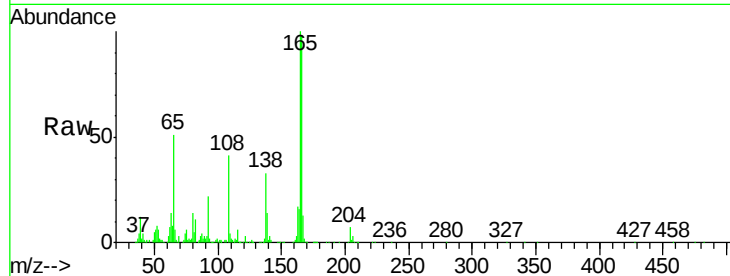
Tot Ion:138 Resp: 144954

Ion Ratio Lower Upper

138 100

92 66.5 54.1 94.1

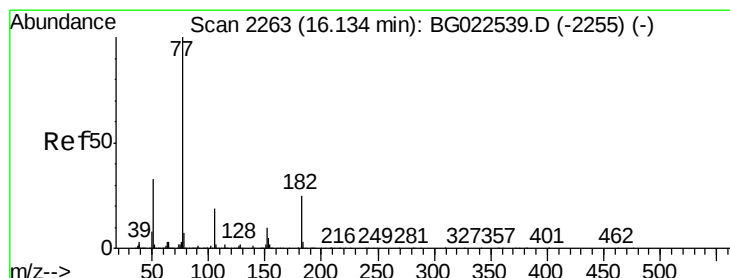
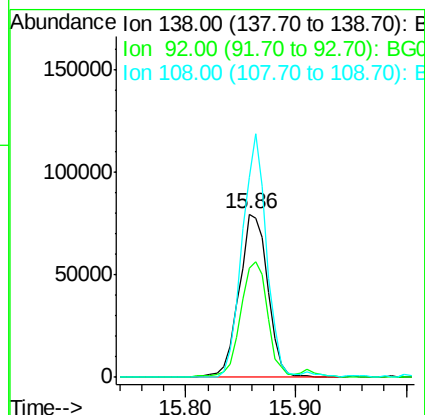
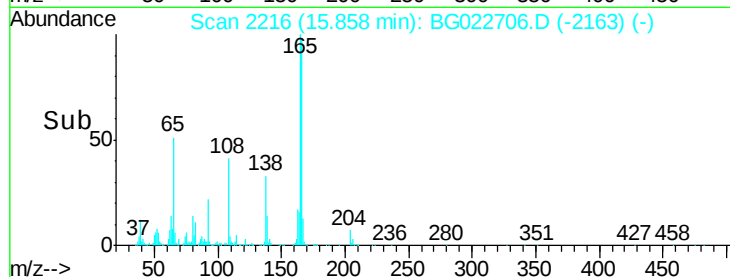
108 122.3 133.9 173.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 22.26 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Tgt Ion: 77 Resp: 751009

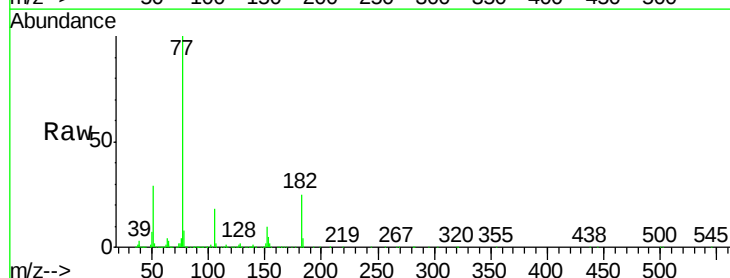
Ion Ratio Lower Upper

77 100

182 24.5 3.5 43.5

105 17.7 0.0 38.5

51 29.4 17.1 57.1

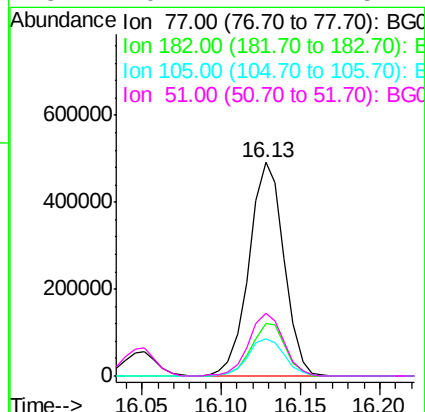
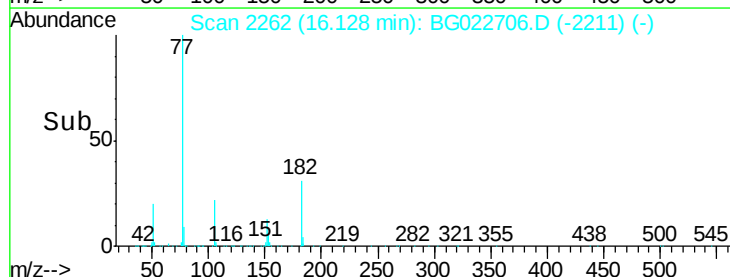


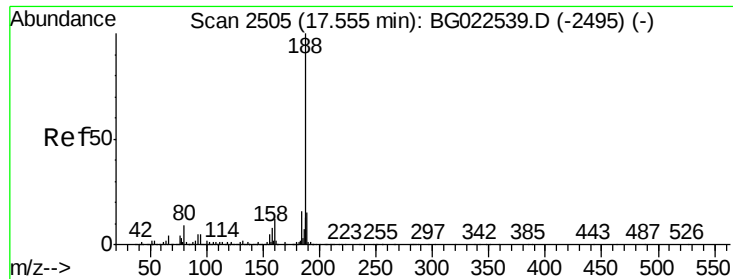
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

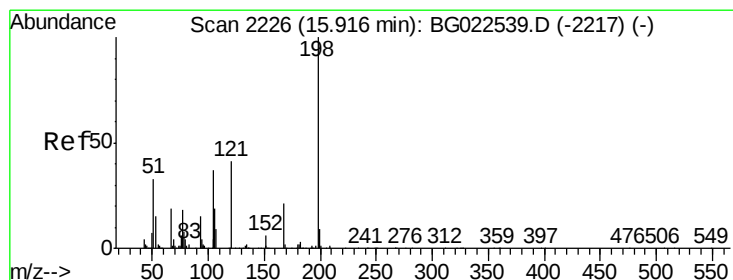
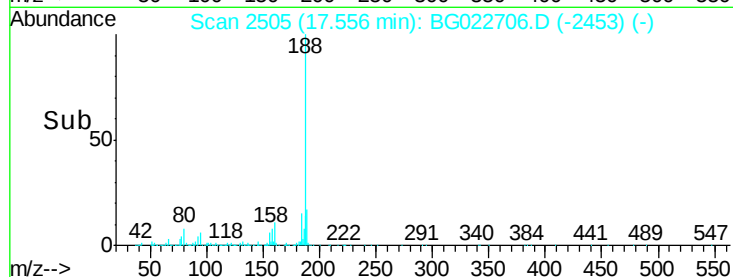
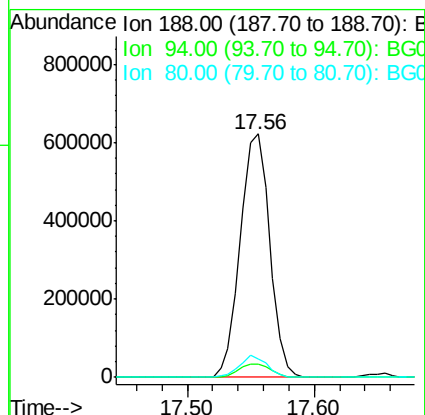
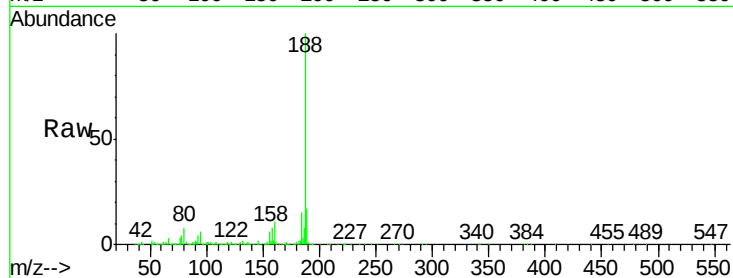




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

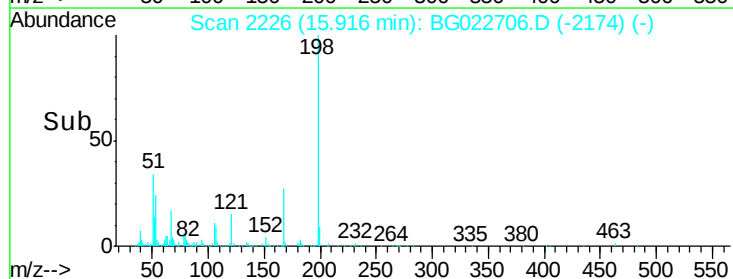
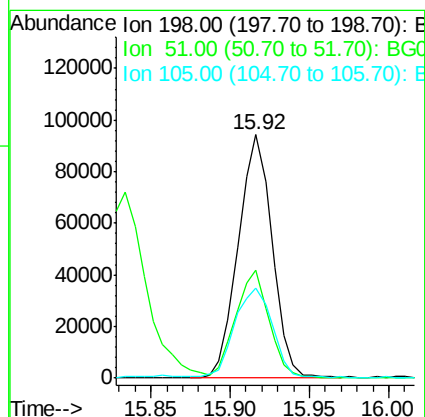
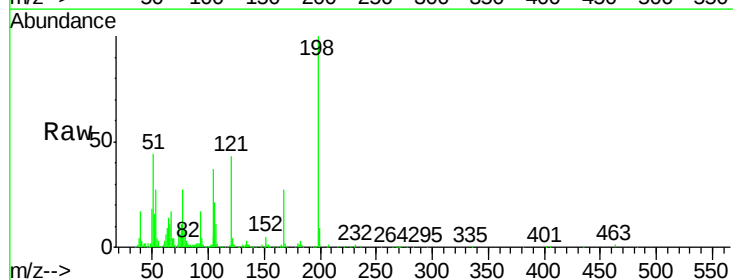
Instrument :
BNA_G
ClientSampleId :
S8-0581MS

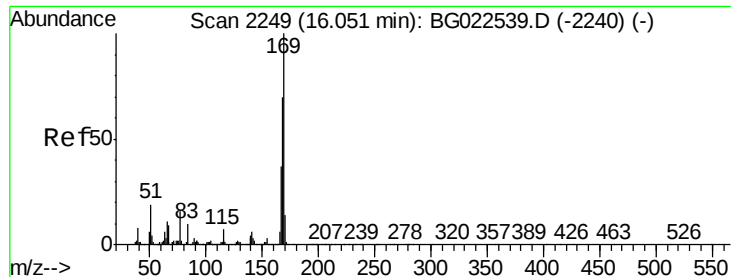
Tot Ion:188 Resp: 1002529
Ion Ratio Lower Upper
188 100
94 5.7 5.2 7.8
80 7.8 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 20.85 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion:198 Resp: 140193
Ion Ratio Lower Upper
198 100
51 44.2 26.0 66.0
105 36.8 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 20.89 ng

RT: 16.05 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

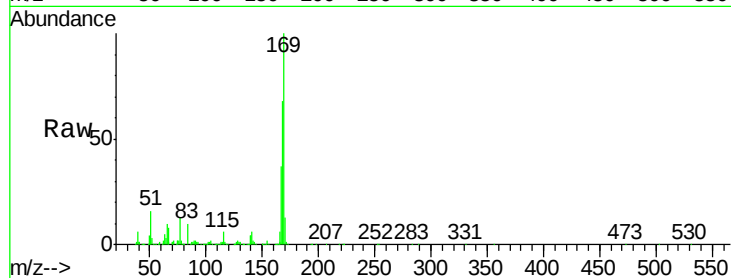
Tot Ion:169 Resp: 609299

Ion Ratio Lower Upper

169 100

168 67.9 55.0 82.4

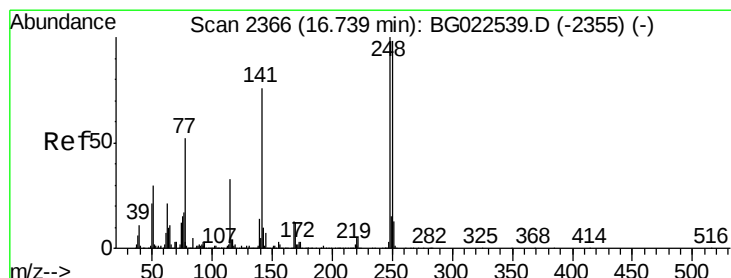
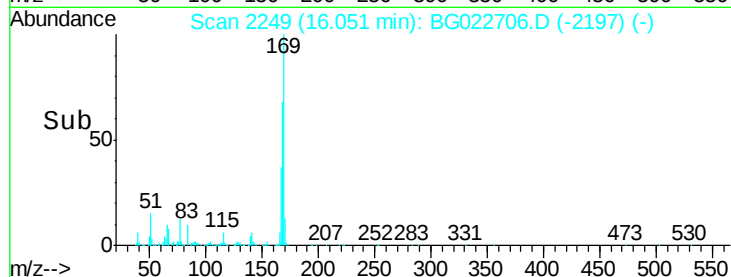
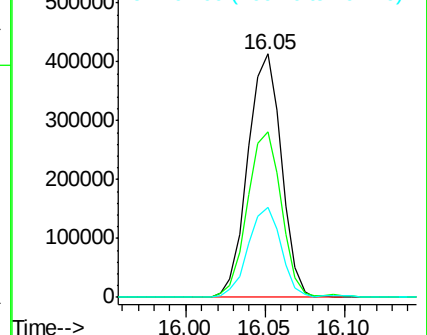
167 36.9 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 21.04 ng

RT: 16.73 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

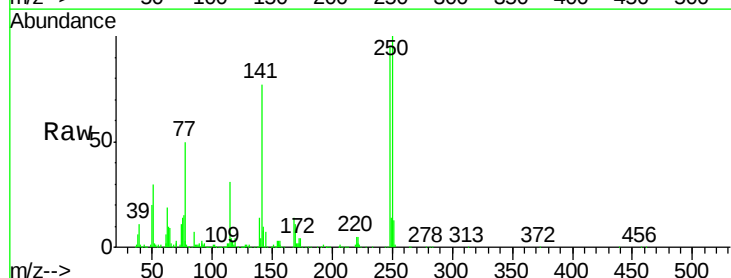
Tgt Ion:248 Resp: 273634

Ion Ratio Lower Upper

248 100

250 105.3 77.8 116.8

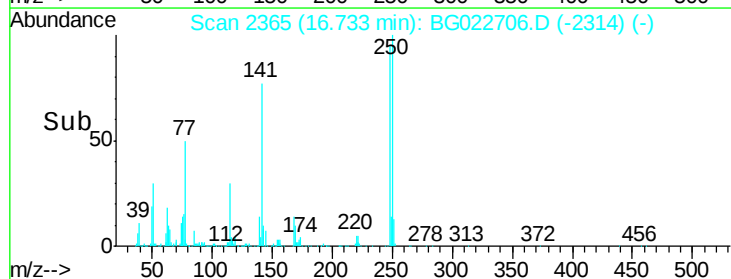
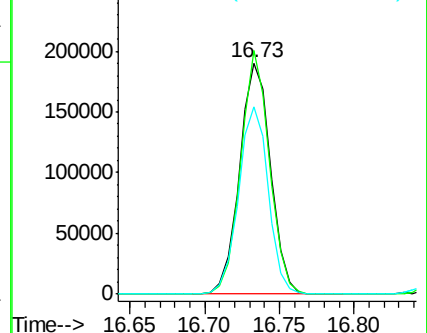
141 81.2 65.7 98.5



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 21.49 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

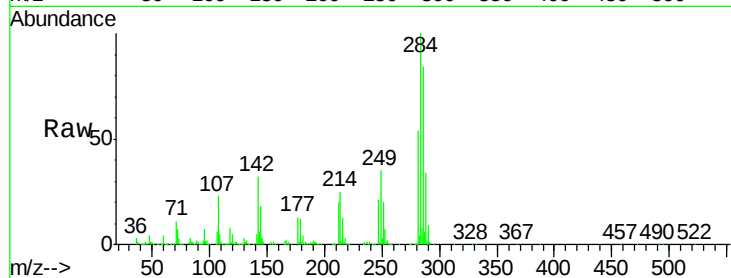
Tot Ion:284 Resp: 295546

Ion Ratio Lower Upper

284 100

142 31.8 26.8 40.2

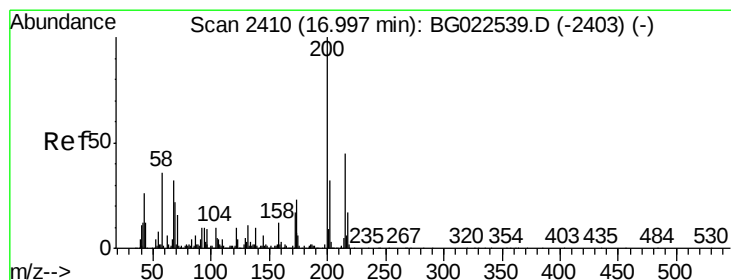
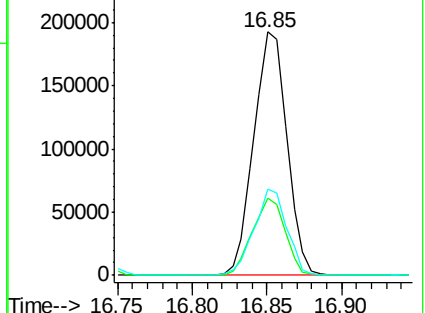
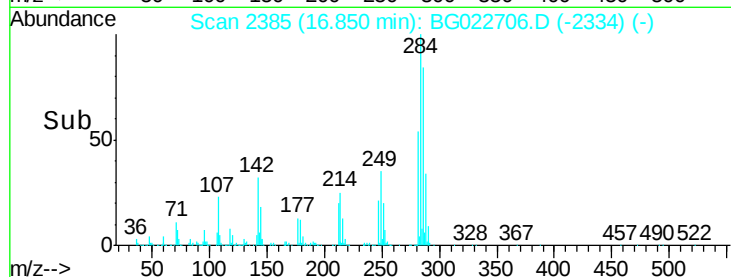
249 35.3 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 21.84 ng

RT: 16.99 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

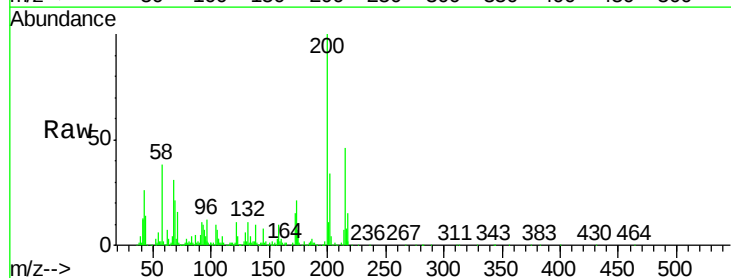
Tgt Ion:200 Resp: 269055

Ion Ratio Lower Upper

200 100

173 21.2 1.6 41.6

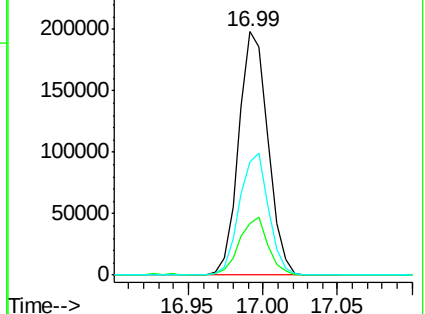
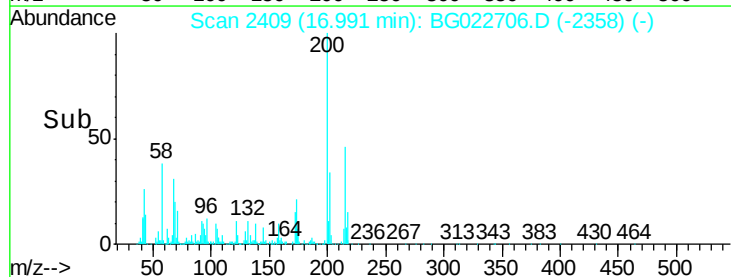
215 46.3 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

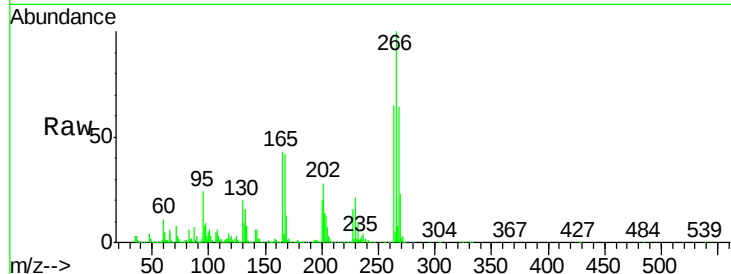




#69
 Pentachlorophenol
 Concen: 60.85 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.9	77.9
264	64.6	50.6	75.8

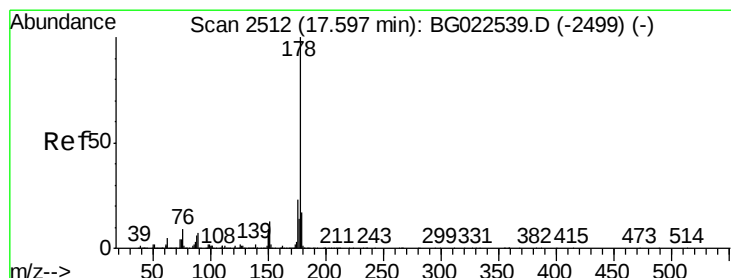
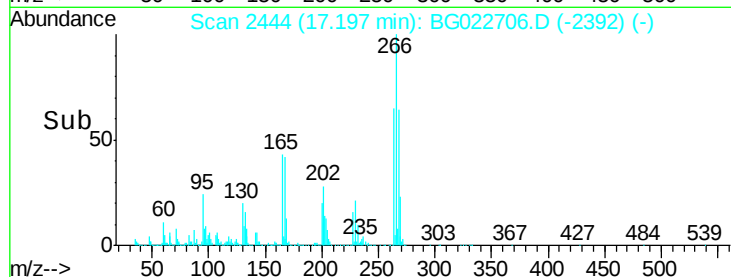
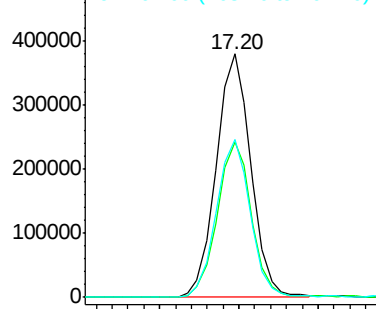


Abundance

Ion 265.70 (265.40 to 266.40): E

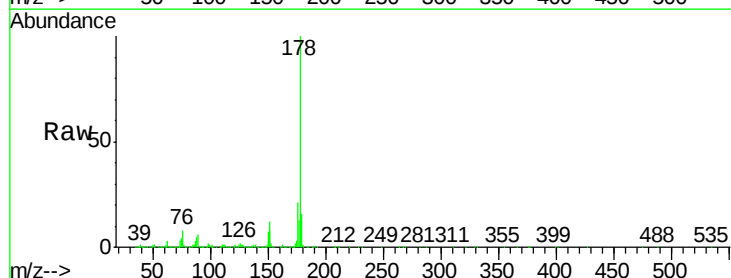
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 22.38 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.8	25.2
179	16.4	14.3	21.5

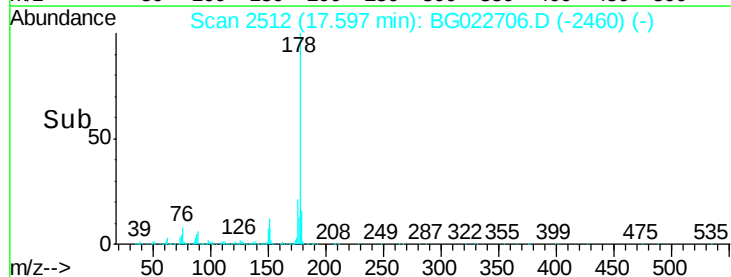
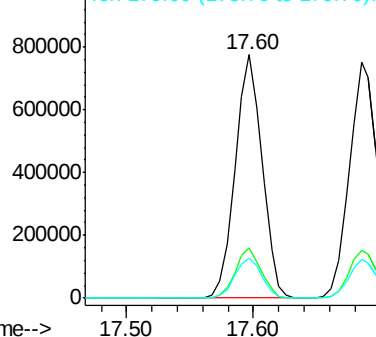


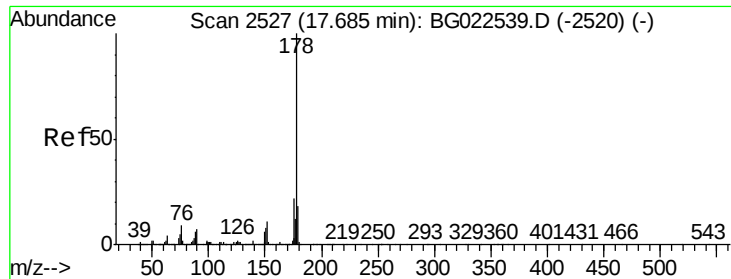
Abundance

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

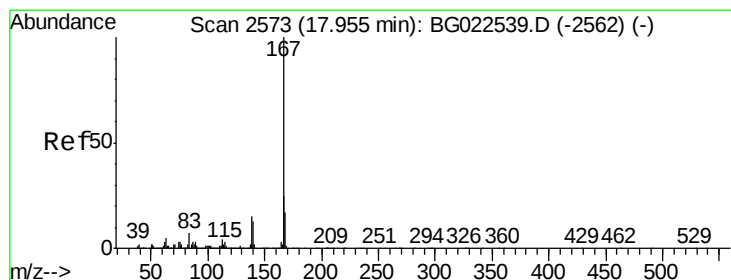
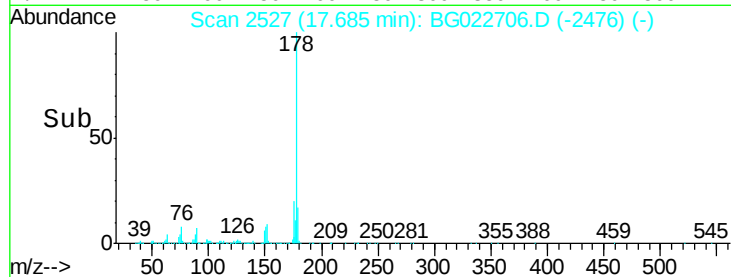
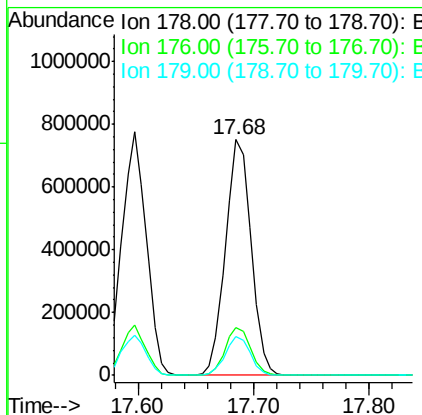
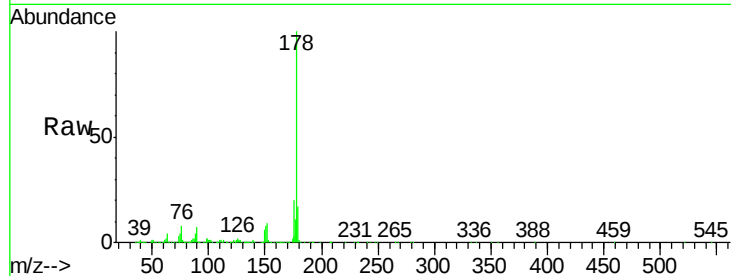




#71
 Anthracene
 Concen: 21.96 ng
 RT: 17.68 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

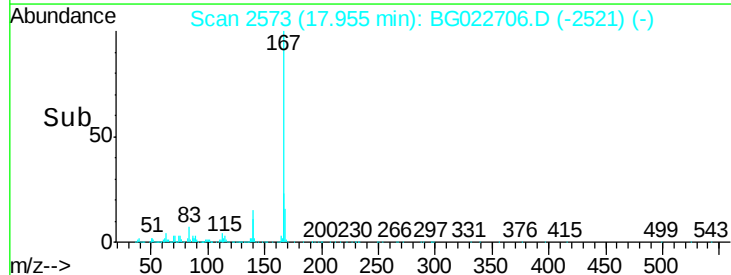
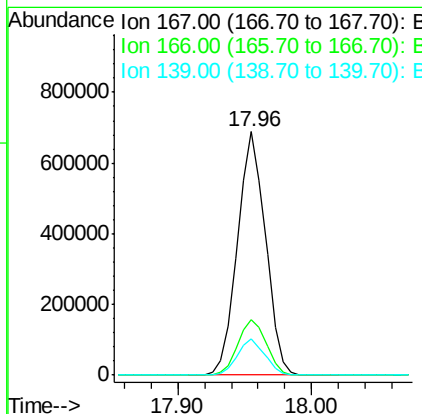
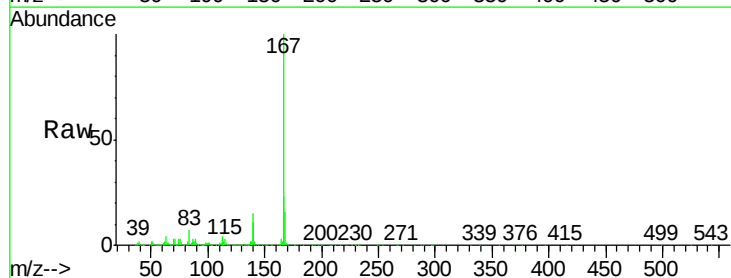
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

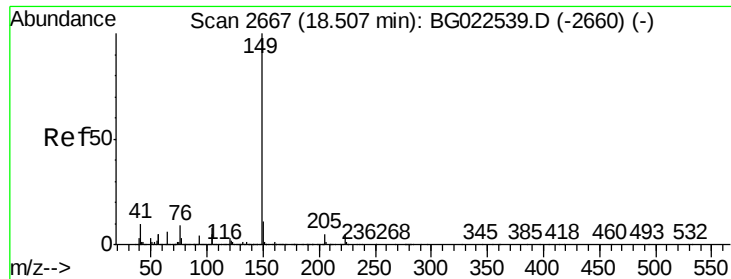
Tot Ion:178 Resp: 1155777
 Ion Ratio Lower Upper
 178 100
 176 20.4 17.3 25.9
 179 16.7 14.0 21.0



#72
 Carbazole
 Concen: 22.48 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Tgt Ion:167 Resp: 1002874
 Ion Ratio Lower Upper
 167 100
 166 23.0 20.7 31.1
 139 15.1 11.9 17.9

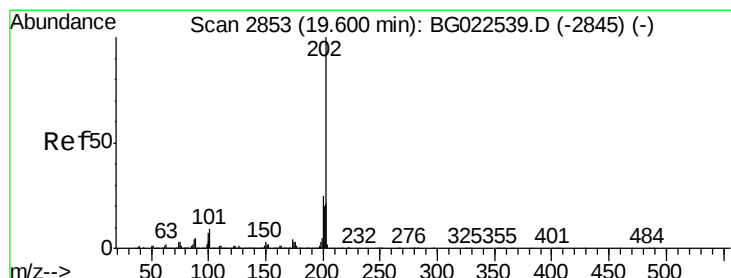
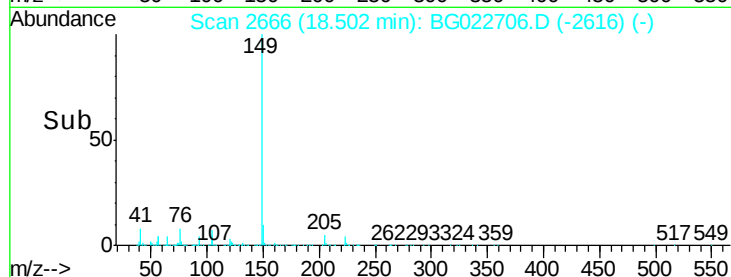
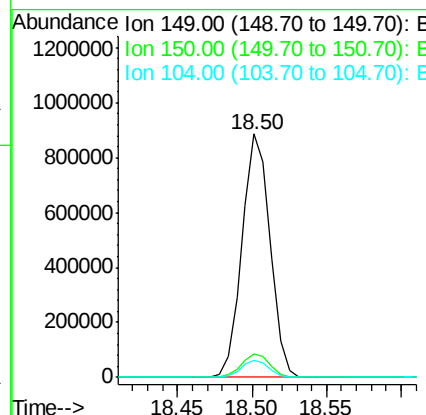
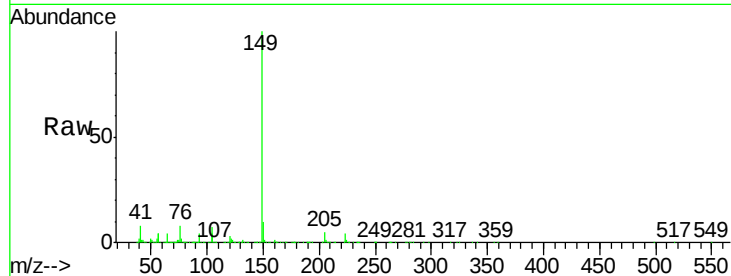




#73
Di-n-butylphthalate
Concen: 22.25 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

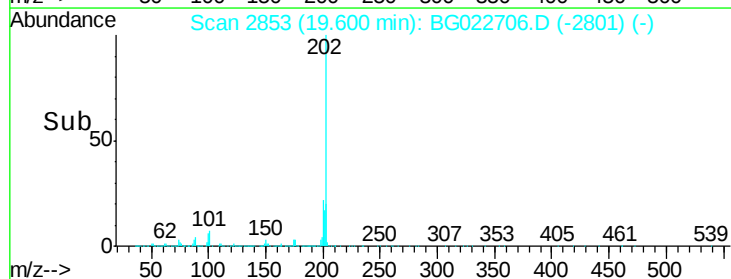
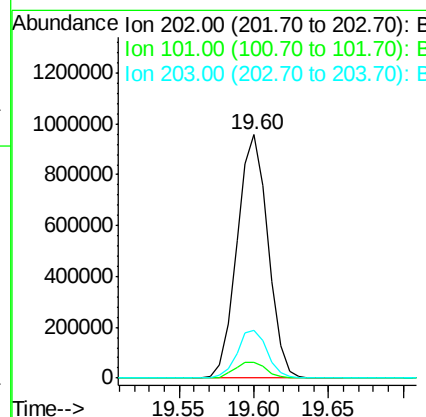
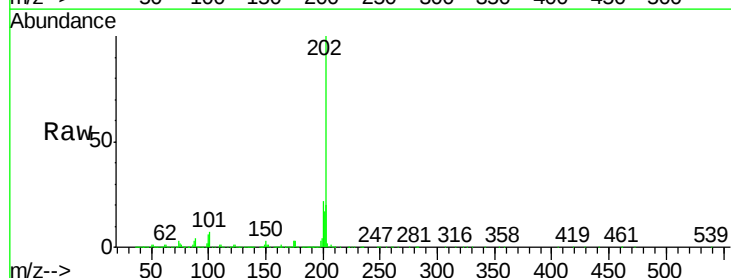
Instrument :
BNA_G
ClientSampleId :
S8-0581MS

Tot Ion:149 Resp: 1155846
Ion Ratio Lower Upper
149 100
150 9.7 9.1 13.7
104 7.0 6.9 10.3



#74
Fluoranthene
Concen: 23.47 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion:202 Resp: 1382456
Ion Ratio Lower Upper
202 100
101 6.7 0.0 27.4
203 19.7 1.7 41.7

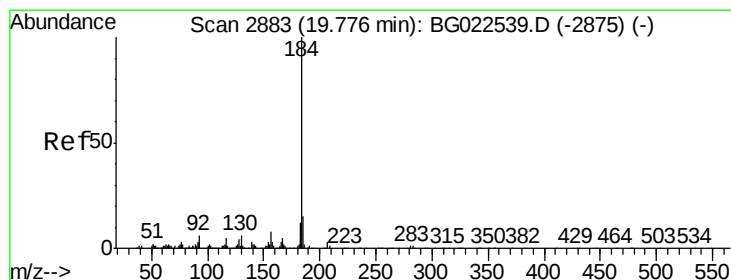
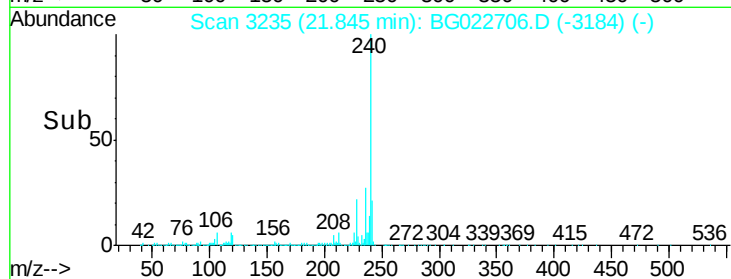
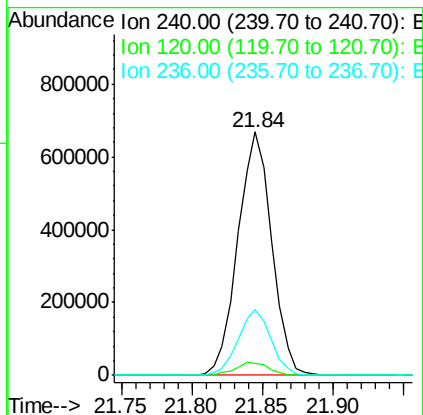
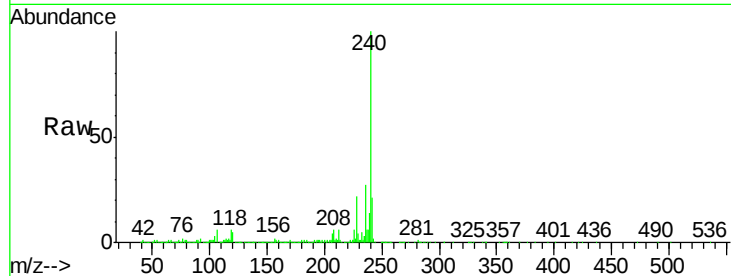




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

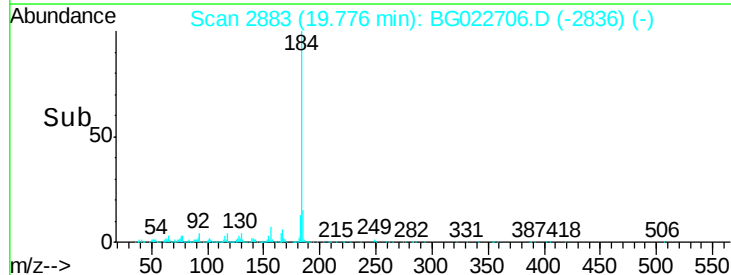
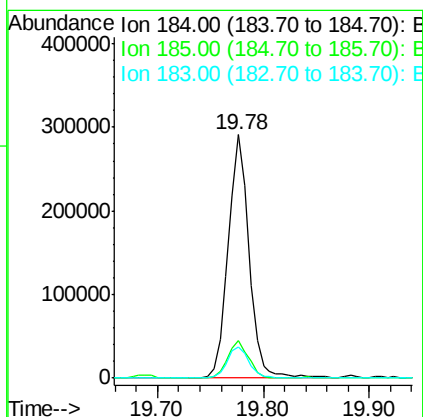
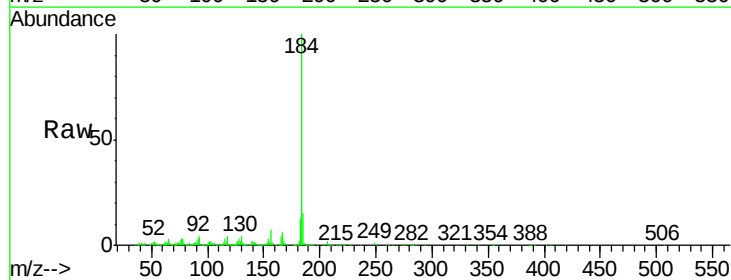
Instrument :
BNA_G
ClientSampleId :
S8-0581MS

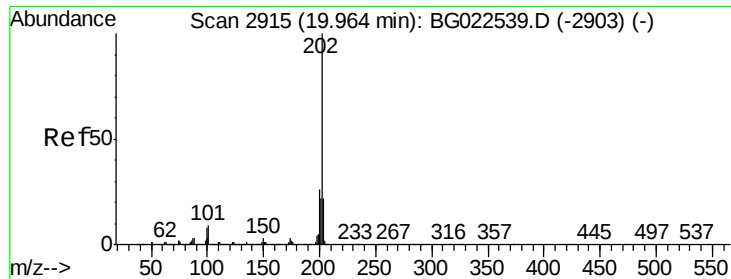
Tot Ion:240 Resp: 1117186
Ion Ratio Lower Upper
240 100
120 5.1 4.1 6.1
236 27.0 21.1 31.7



#76
Benzidine
Concen: 33.52 ng
RT: 19.78 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion:184 Resp: 398657
Ion Ratio Lower Upper
184 100
185 15.4 12.6 19.0
183 12.7 10.7 16.1





#77

Pvrene

Concen: 23.27 ng

RT: 19.96 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

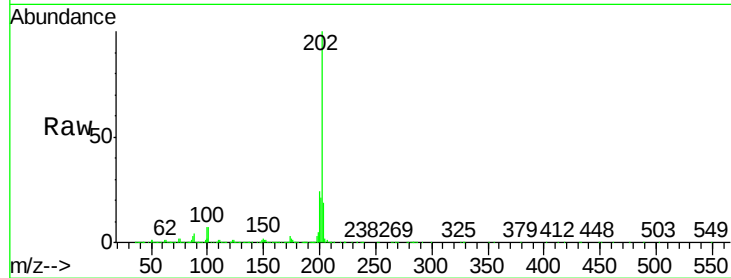
BNA_G

ClientSampleId :

S8-0581MS

Tot Ion:202 Resp: 1384851

Ion	Ratio	Lower	Upper
202	100		
200	23.7	21.2	31.8
203	18.8	16.8	25.2

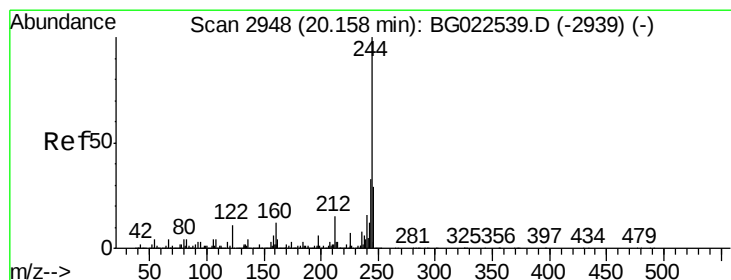
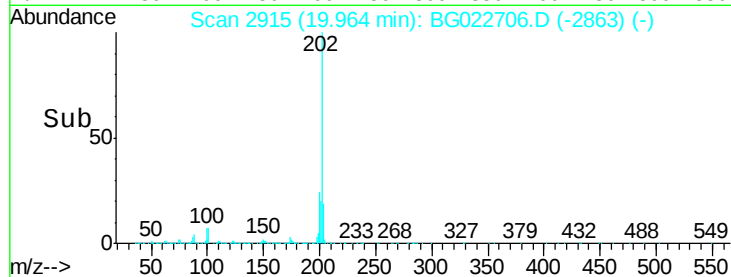
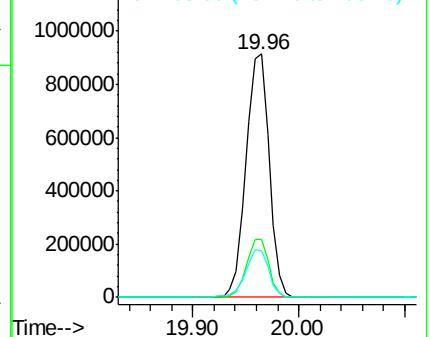


Abundance

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: 68.40 ng

RT: 20.15 min Scan# 2947

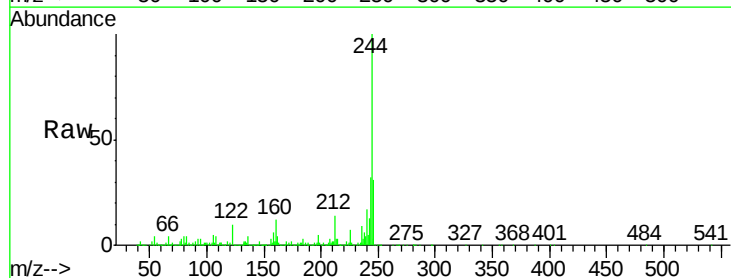
Delta R.T. -0.00 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Tgt Ion:244 Resp: 2884425

Ion	Ratio	Lower	Upper
244	100		
212	14.0	10.8	16.2
122	10.1	8.0	12.0

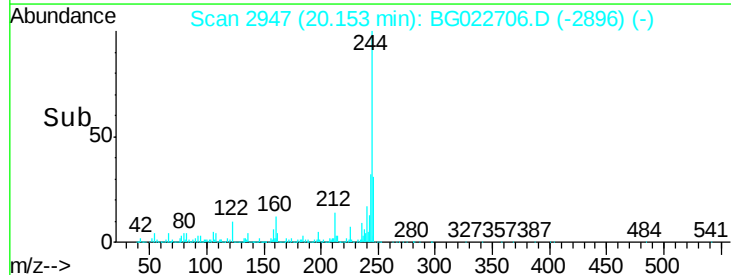
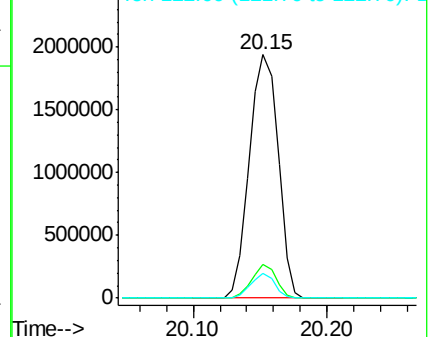


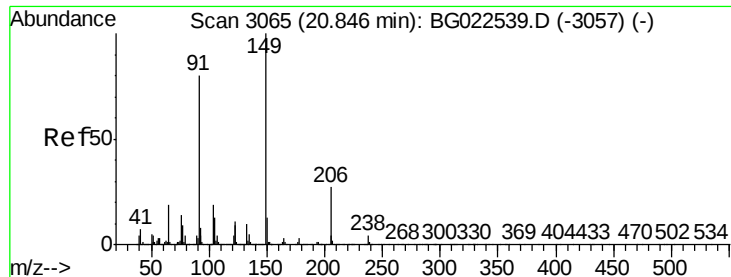
Abundance

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

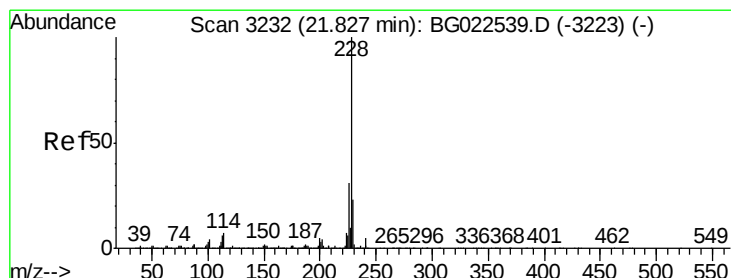
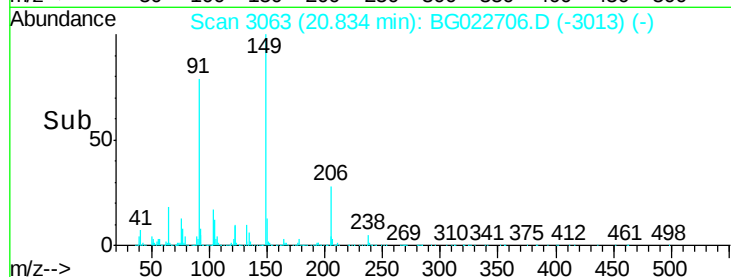
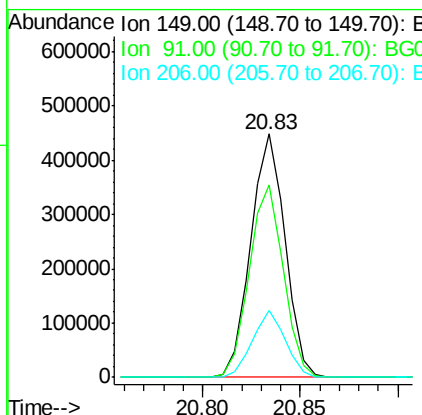
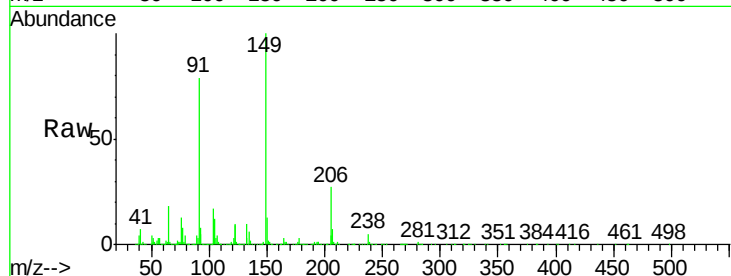




#79
Butylbenzylphthalate
Concen: 21.19 ng
RT: 20.83 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

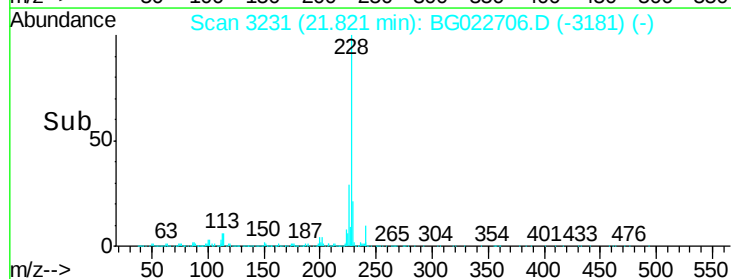
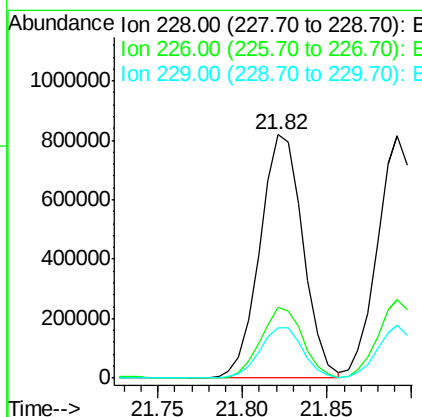
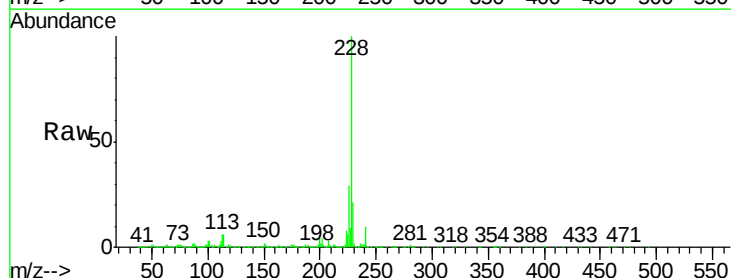
Instrument :
BNA_G
ClientSampleId :
S8-0581MS

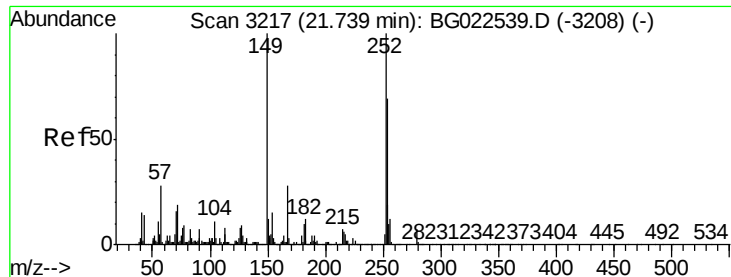
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.8	68.1	102.1
206	27.5	19.8	29.6



#80
Benzo(a)anthracene
Concen: 23.43 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG022706.D
Acq: 29 Jun 2016 23:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.3	37.9
229	20.8	19.9	29.9

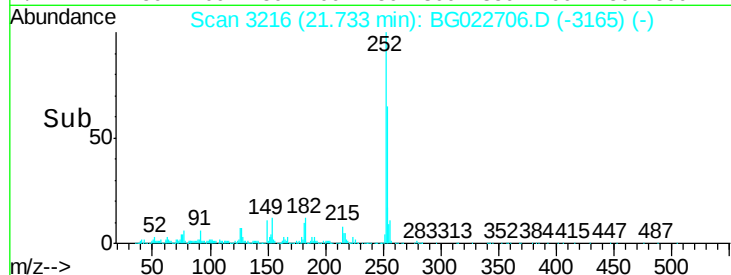
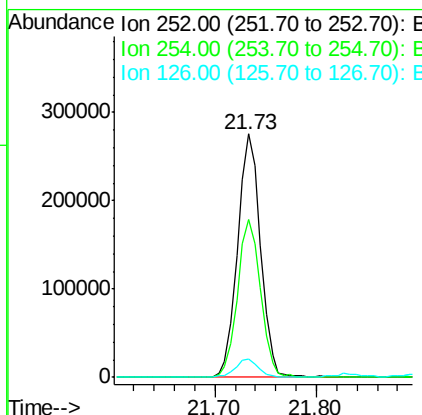
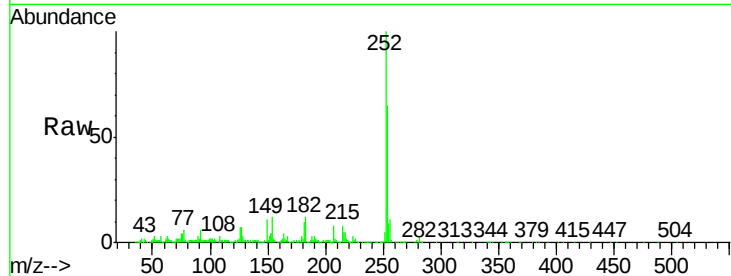




#81
 3,3'-Dichlorobenzidine
 Concen: 16.98 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

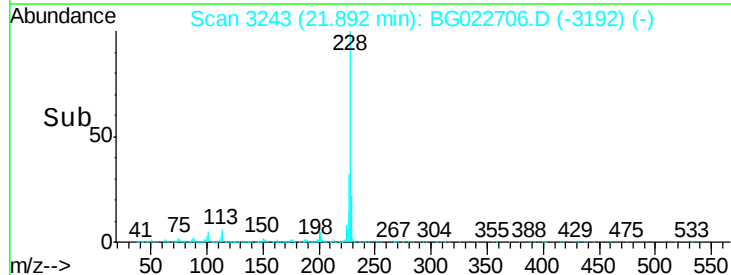
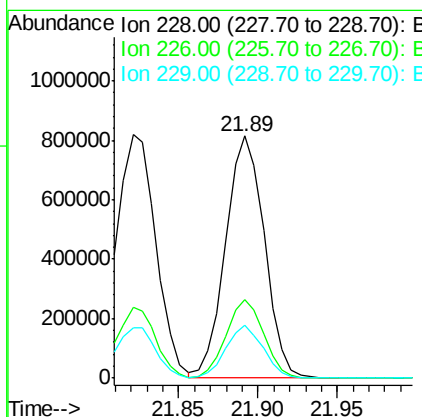
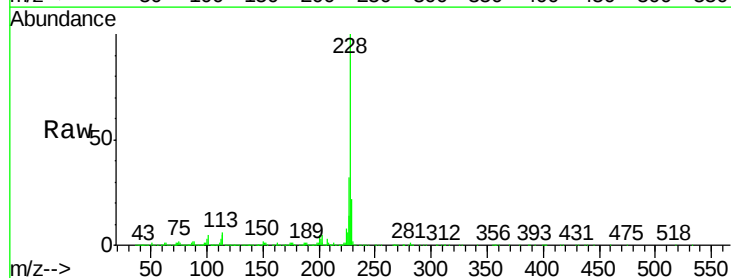
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

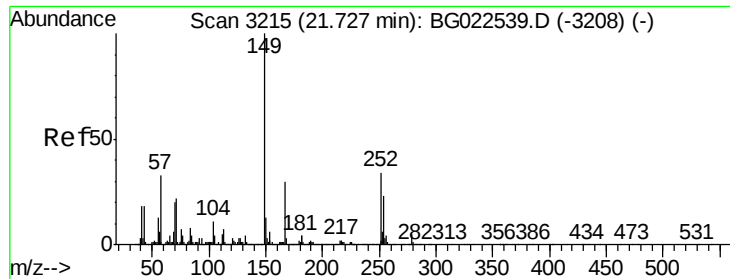
Tot Ion:252 Resp: 433676
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.2 76.8
 126 7.4 5.3 7.9



#82
 Chrysene
 Concen: 23.68 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Tgt Ion:228 Resp: 1375768
 Ion Ratio Lower Upper
 228 100
 226 32.2 26.7 40.1
 229 21.8 17.4 26.2

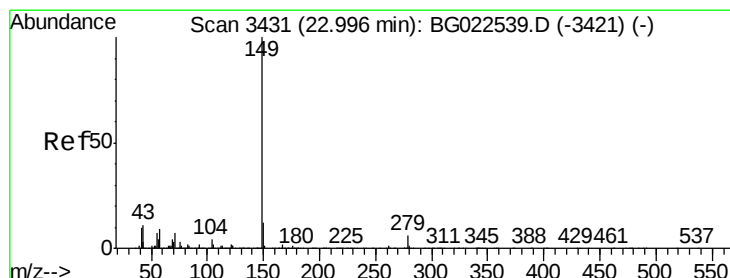
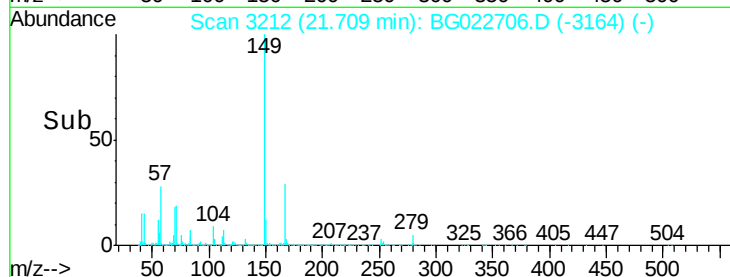
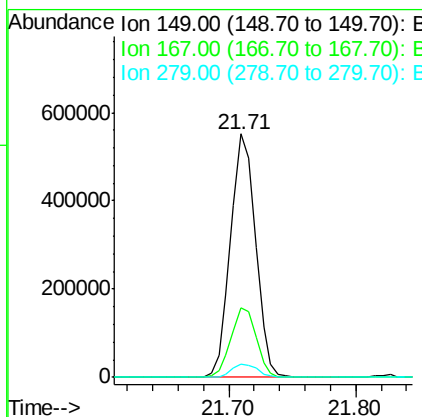
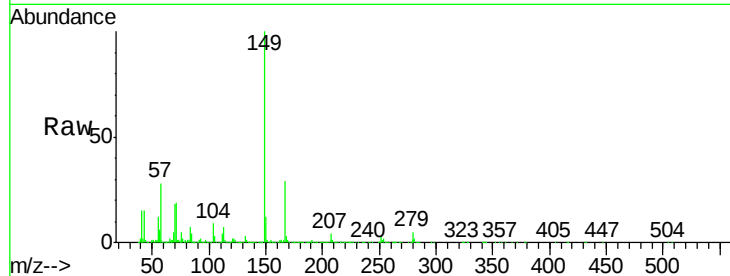




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.78 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.02 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

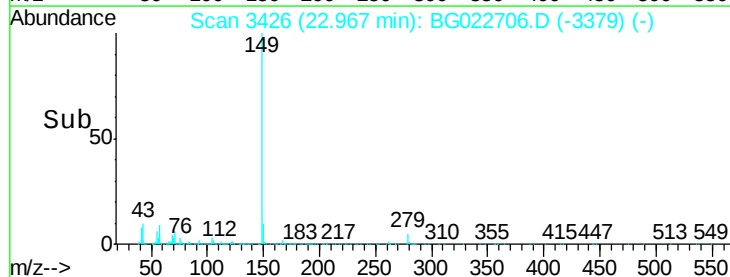
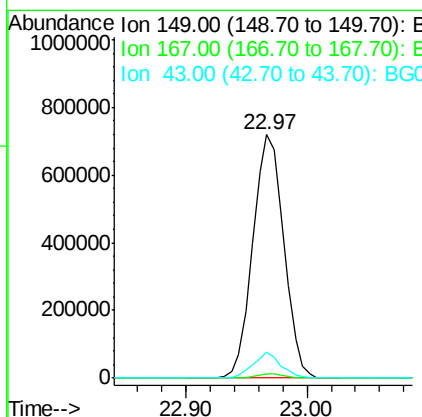
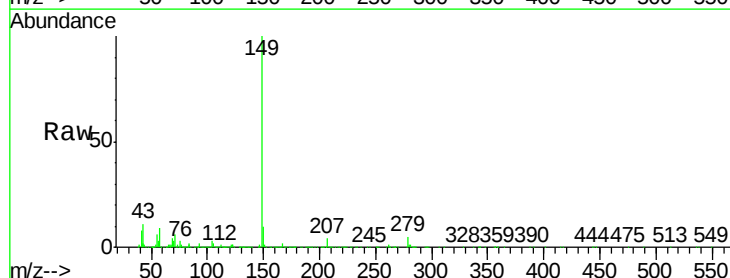
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

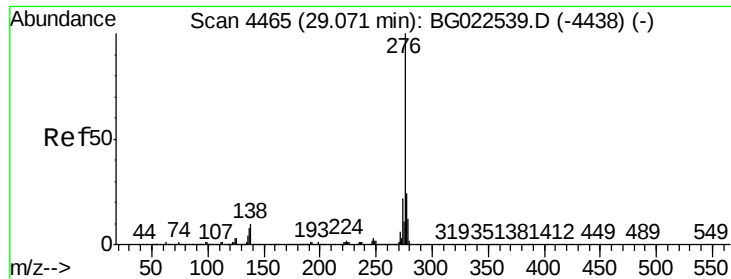
Tot Ion:149 Resp: 753787
 Ion Ratio Lower Upper
 149 100
 167 28.7 24.0 36.0
 279 5.5 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 21.44 ng
 RT: 22.97 min Scan# 3426
 Delta R.T. -0.02 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Tgt Ion:149 Resp: 1281854
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 9.4 8.8 13.2

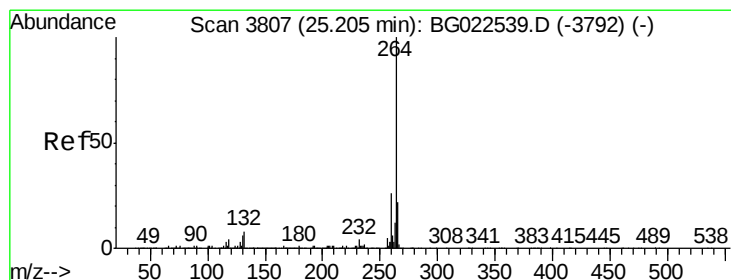
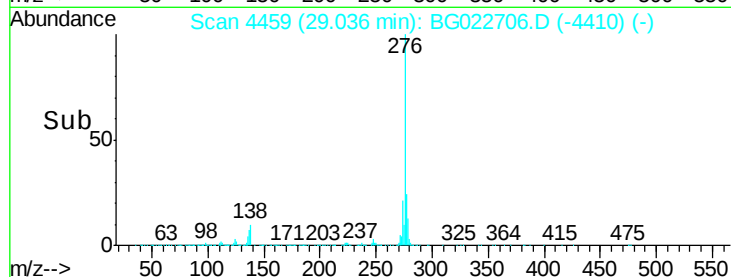
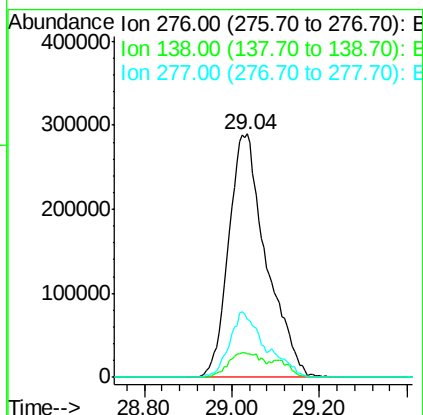
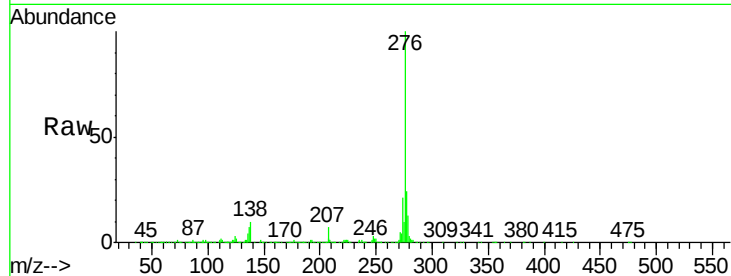




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.16 ng
 RT: 29.04 min Scan# 4459
 Delta R.T. -0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

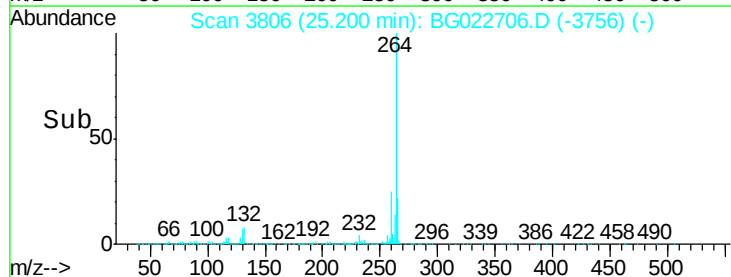
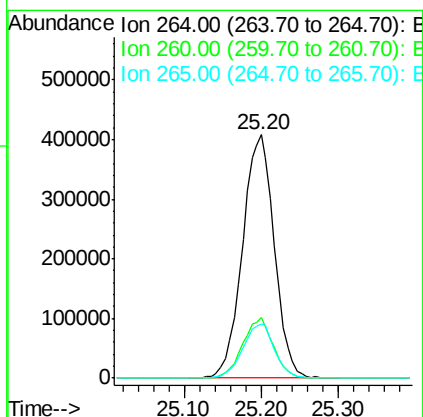
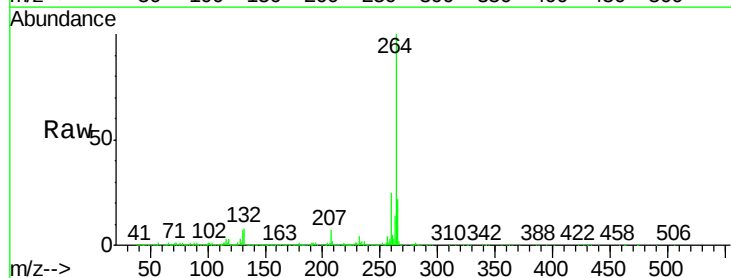
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

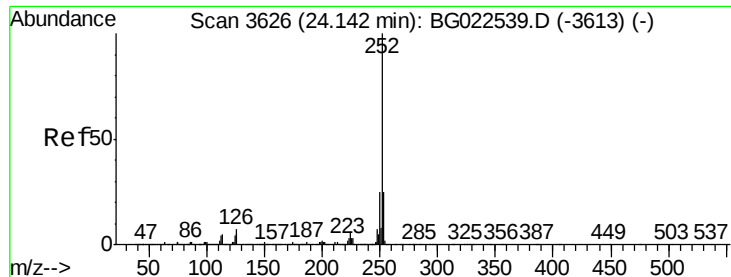
Tot Ion:276 Resp: 1691774
 Ion Ratio Lower Upper
 276 100
 138 8.7 0.0 0.0#
 277 20.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.20 min Scan# 3806
 Delta R.T. -0.01 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Tgt Ion:264 Resp: 1176689
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.4 27.6
 265 22.2 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 22.02 ng

RT: 24.12 min Scan# 3623

Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

BNA_G

ClientSampleId :

S8-0581MS

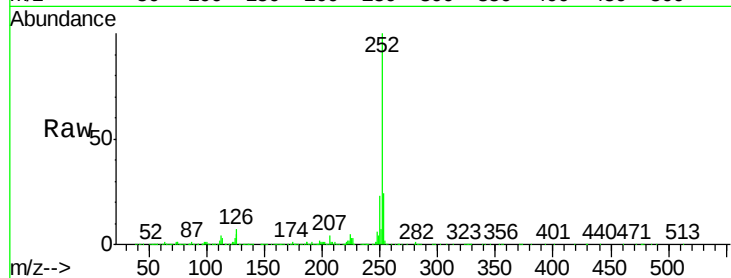
Tot Ion:252 Resp: 1557815

Ion Ratio Lower Upper

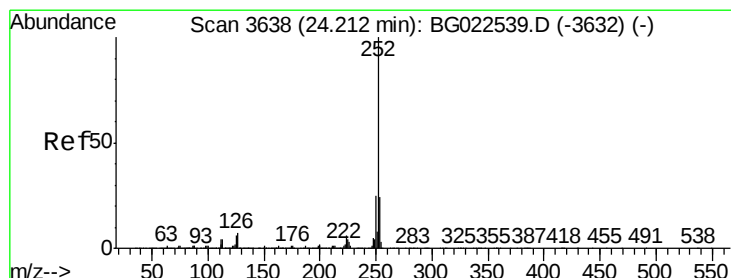
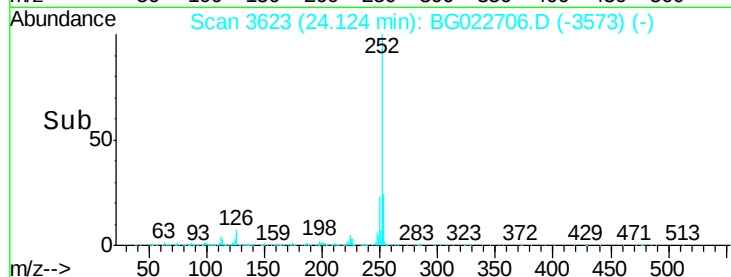
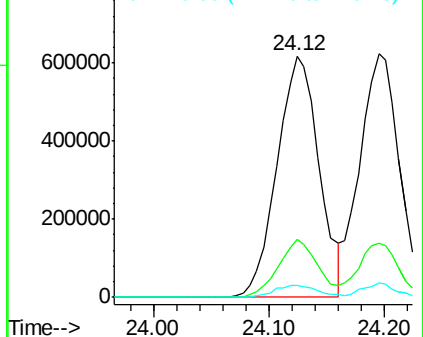
252 100

253 24.3 18.9 28.3

125 5.0 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: 22.15 ng

RT: 24.19 min Scan# 3635

Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

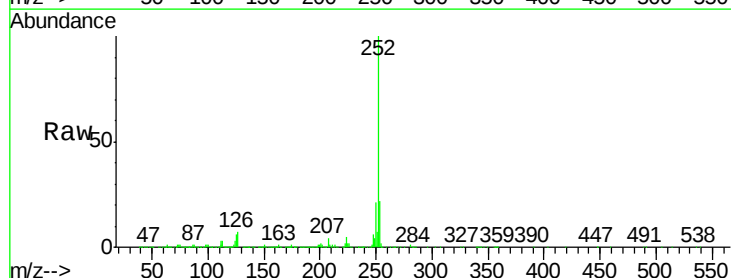
Tgt Ion:252 Resp: 1481663

Ion Ratio Lower Upper

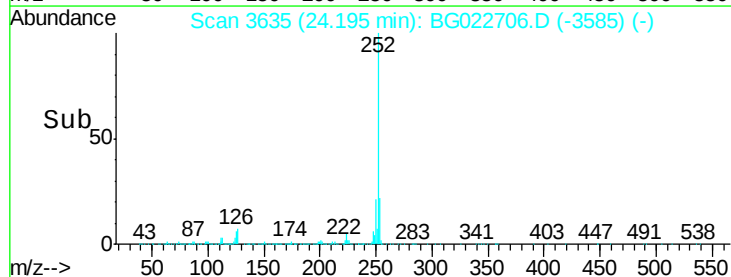
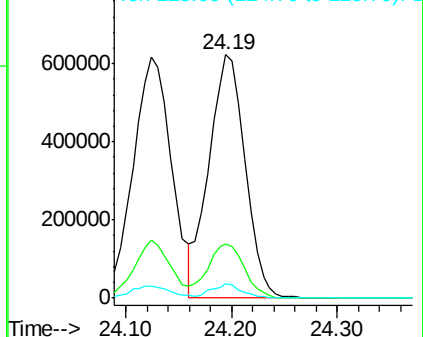
252 100

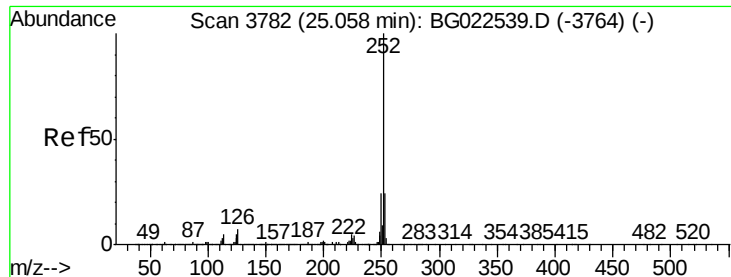
253 22.2 18.8 28.2

125 5.7 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: 20.62 ng

RT: 25.04 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Instrument :

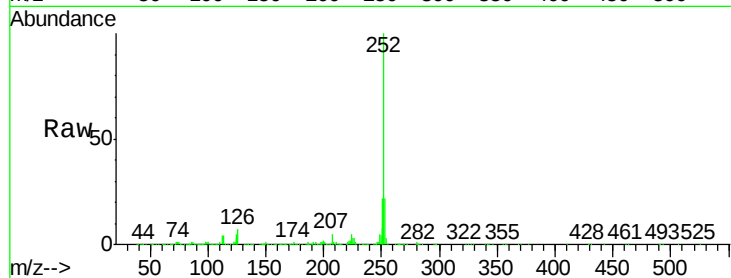
BNA_G

ClientSampleId :

S8-0581MS

Tot Ion:252 Resp: 1422237

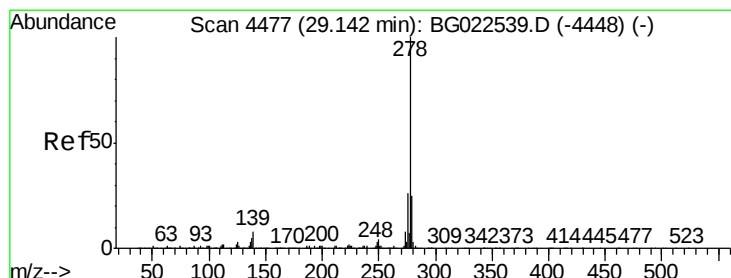
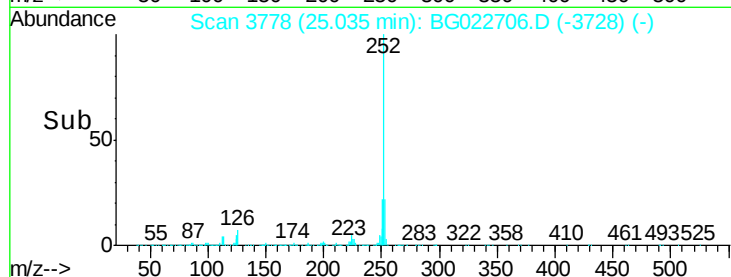
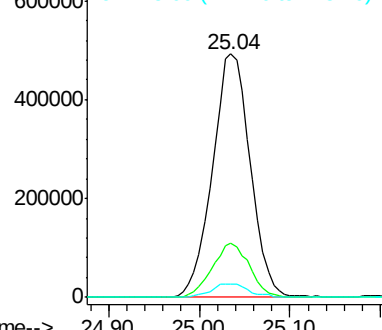
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	5.2	3.9	5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 22.16 ng

RT: 29.10 min Scan# 4470

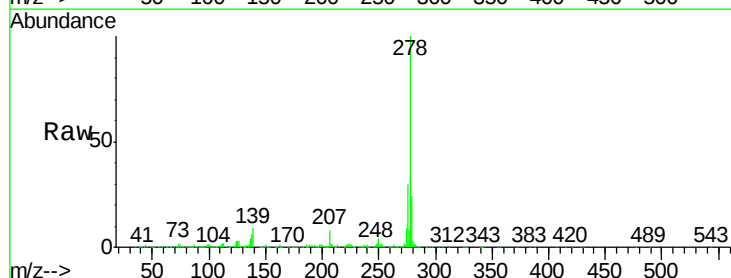
Delta R.T. -0.01 min

Lab File: BG022706.D

Acq: 29 Jun 2016 23:19

Tgt Ion:278 Resp: 1438869

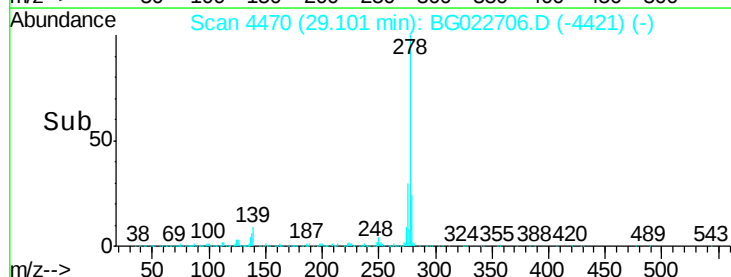
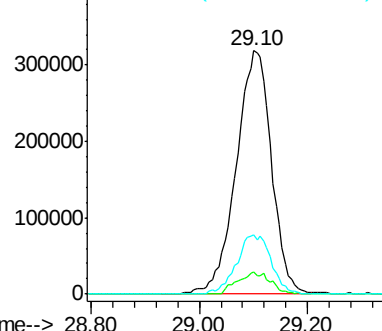
Ion	Ratio	Lower	Upper
278	100		
139	9.2	4.7	7.1#
279	24.5	18.3	27.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



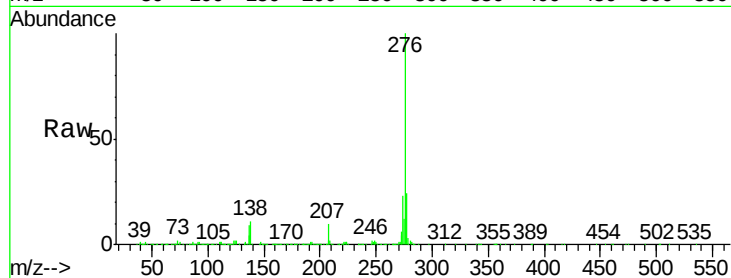


#91
 Benzo(a,h,i)perylene
 Concen: 21.47 ng
 RT: 30.23 min Scan# 4662
 Delta R.T. -0.02 min
 Lab File: BG022706.D
 Acq: 29 Jun 2016 23:19

Instrument :
 BNA_G
 ClientSampleId :
 S8-0581MS

Tot Ion:276 Resp: 1419351

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	10.9	6.8	10.2#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

