Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-034

Quant Time: May 06 02:23:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	69914	20.00	ng		0.00
21) Naphthalene-d8	10.60	136	302784	20.00	ng		0.00
38) Acenaphthene-d10	14.45	164	204552	20.00	ng		0.00
63) Phenanthrene-d10	17.19	188	474321	20.00	ng		0.00
75) Chrysene-d12	21.36	240	491584	20.00	ng		0.00
86) Perylene-d12	23.67	264	476750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	352550	87.80	ng		0.00
7) Phenol-d6	6.97	99	497123	86.66	ng		0.00
23) Nitrobenzene-d5	8.96	82	307605	49.63	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	170144	82.86	ng		0.00
44) 2-Fluorobiphenyl	13.07	172	679704	50.14	ng		0.00
78) Terphenyl-d14	19.82	244	1047142	49.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	395	0.23	ng	#	1
3) Pyridine	3.70	79	144	0.03	ng	#	1
4) n-Nitrosodimethylamine	3.59	42	805	0.26	ng	#	1
6) Aniline	7.17	93	70	0.01	ng	#	40
8) 2-Chlorophenol	7.37	128	104	0.02	ng	#	29
9) Benzaldehyde	6.97	77	1257	0.37	ng	#	4
10) Phenol	6.99	94	15412	2.51	ng		90
11) bis(2-Chloroethyl)ether	7.18	93	93	0.02	ng	#	18
13) 1,4-Dichlorobenzene	8.00	146	58	0.01	ng	#	23
14) 1,2-Dichlorobenzene	8.12	146	83	0.02	ng	#	1
15) Benzyl Alcohol	8.05	79	179	0.03	ng	#	55
16) 2,2'-oxybis(1-Chloropropan	8.36	45	248	0.03	ng		72
17) 2-Methylphenol	8.11	107	68	0.02	ng	#	1
18) Hexachloroethane	8.86	117	56	0.03	ng	#	15
19) n-Nitroso-di-n-propylamine	8.58	70	73	0.01	ng	#	79
20) 3+4-Methylphenols	8.59	107	60	0.01	ng	#	17
22) Acetophenone	8.56	105	96	0.01	ng	#	1
24) Nitrobenzene	9.05	77	92	0.01	ng	#	41
25) Isophorone	9.54	82	64	0.01	ng	#	64
27) 2,4-Dimethylphenol	9.92	122	63	0.01	ng	#	1
28) bis(2-Chloroethoxy)methane	10.04	93	96	0.02	ng	#	50
32) Benzoic acid	9.92	122	63	Below	Cal	#	1
33) 4-Chloroaniline	10.74	127	74	0.01	ng	#	45
36) 4-Chloro-3-methylphenol	11.85	107	69	0.01	ng	#	19
37) 2-Methylnaphthalene	12.26	142	89	0.01	ng	#	15
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	61	0.01	ng	#	100
42) 2,4,6-Trichlorophenol	12.71	196	98	0.03	ng	#	15
45) 1,1'-Biphenyl	13.26	154	55	0.00	ng	#	42
47) 2-Nitroaniline	13.50	65	111	0.03	ng	#	9
48) Acenaphthylene	14.15	152	68	0.00	ng	#	59
49) Dimethylphthalate	13.90	163	58861	3.85	ng		99
50) 2,6-Dinitrotoluene	13.98	165	882	0.28	ng	#	18
51) Acenaphthene	14.52	154	64	0.01	ng	#	7
53) 2,4-Dinitrophenol	14.43	184	55	0.04	ng	#	26

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-034

Quant Time: May 06 02:23:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Dibenzofuran	14.84	168	85	0.00	ng	#	43
55) 4-Nitrophenol	14.61	139	59	0.02	ng	#	1
56) 2,4-Dinitrotoluene	14.93	165	65	0.02	ng	#	16
57) Fluorene	15.53	166	115	0.01	ng	#	10
58) 2,3,4,6-Tetrachlorophenol	15.13	232	84	0.02	ng	#	100
59) Diethylphthalate	15.27	149	327	0.02	ng	#	58
61) 4-Nitroaniline	15.39	138	77	0.02	ng	#	12
62) Azobenzene	15.80	77	83782	5.02	ng	#	1
66) 4-Bromophenyl-phenylether	16.31	248	84	0.02	ng	#	4
67) Hexachlorobenzene	16.50	284	53	0.01	ng	#	35
70) Phenanthrene	17.23	178	529	0.02	ng	#	57
71) Anthracene	17.32	178	72	0.00	ng	#	59
72) Carbazole	17.67	167	63	0.00	ng	#	57
73) Di-n-butylphthalate	18.16	149	859	0.03	ng	#	77
74) Fluoranthene	19.25	202	456	0.02	ng		63
76) Benzidine	19.40	184	211	0.01	ng	#	66
77) Pyrene	19.60	202	578	0.02	ng	#	55
79) Butylbenzylphthalate	20.50	149	76	0.01	ng	#	1
80) Benzo(a)anthracene	21.37	228	1570	0.06	ng	#	87
81) 3,3'-Dichlorobenzidine	21.31	252	83	0.01	ng	#	26
82) Chrysene	21.40	228	316	0.01	ng	#	48
83) Bis(2-ethylhexyl)phthalate	21.28	149	1161	0.06	ng	#	50
84) Di-n-octyl phthalate	22.22	149	215	0.01	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.00	276	59	0.00	ng	#	100
87) Benzo(b)fluoranthene	22.98	252	2494	0.09	ng	#	54
88) Benzo(k)fluoranthene	23.05	252	190	0.01	ng	#	59
89) Benzo(a)pyrene	23.57	252	523	0.02	ng	#	46
90) Dibenzo(a,h)anthracene	26.04	278	490	0.02	ng	#	55
91) Benzo(g,h,i)perylene	26.77	276	113	0.00	ng	#	52

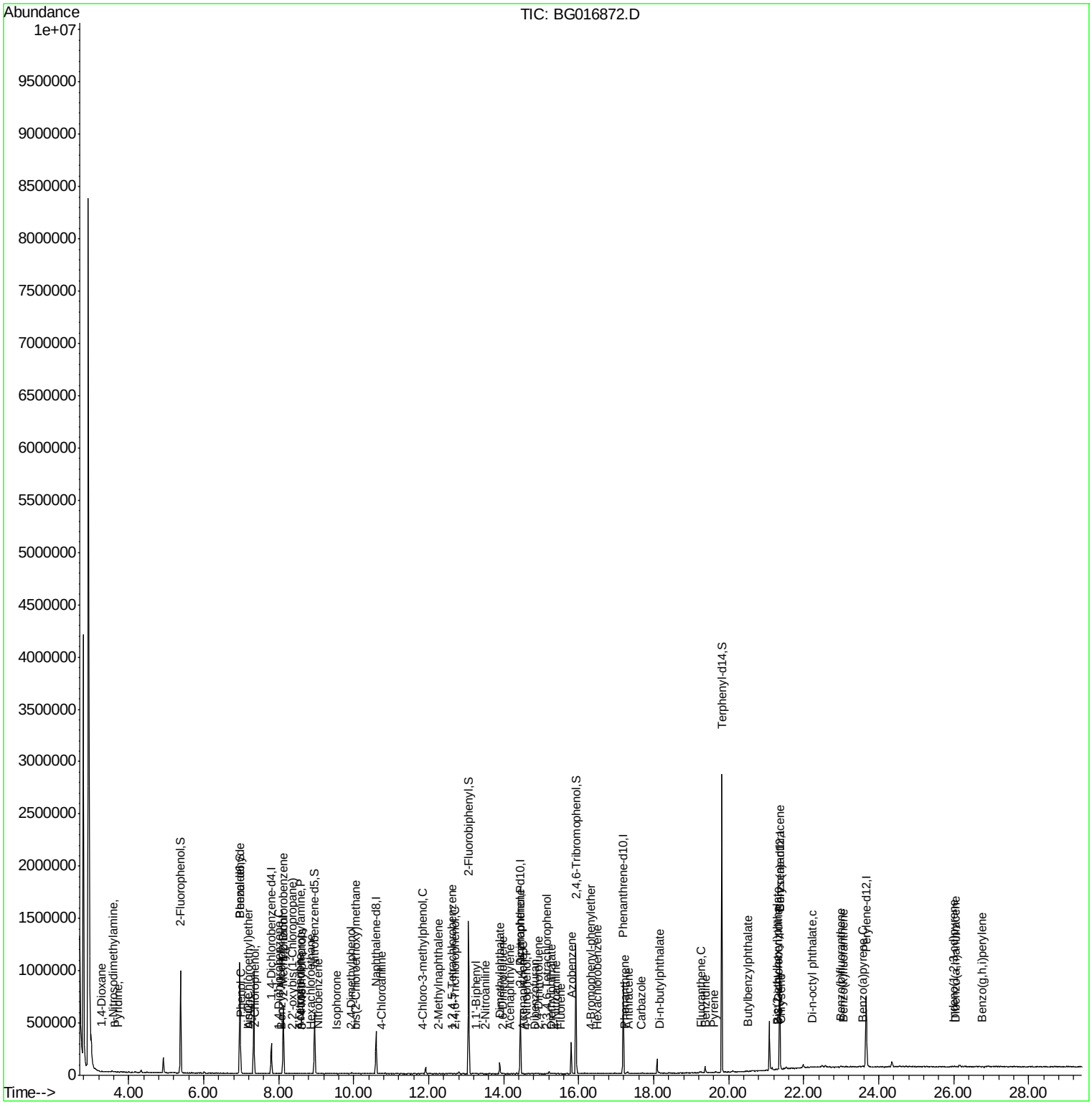
(#) = qualifier out of range (m) = manual integration (+) = signals summed

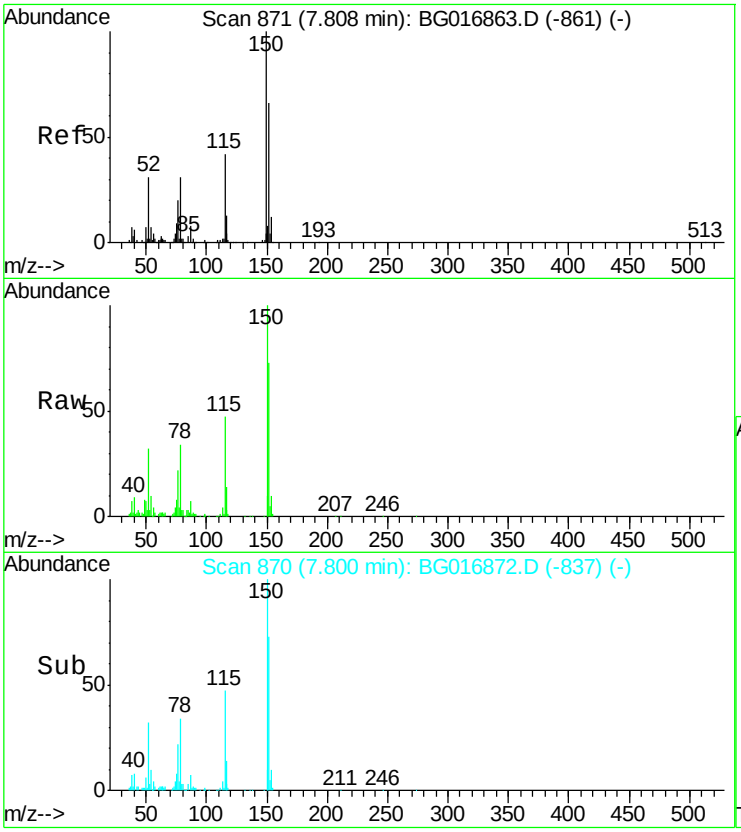
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
Data File : BG016872.D
Acq On : 5 May 2015 19:06
Operator : TP/IZ
Sample : G2117-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-034

Quant Time: May 06 02:23:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration



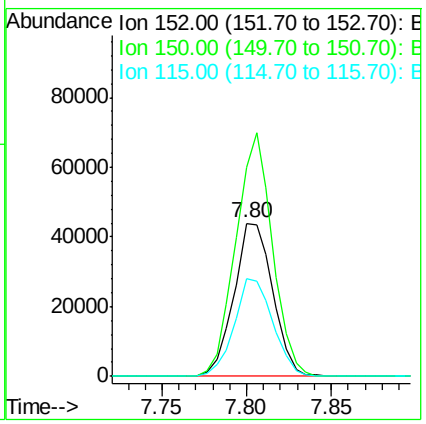


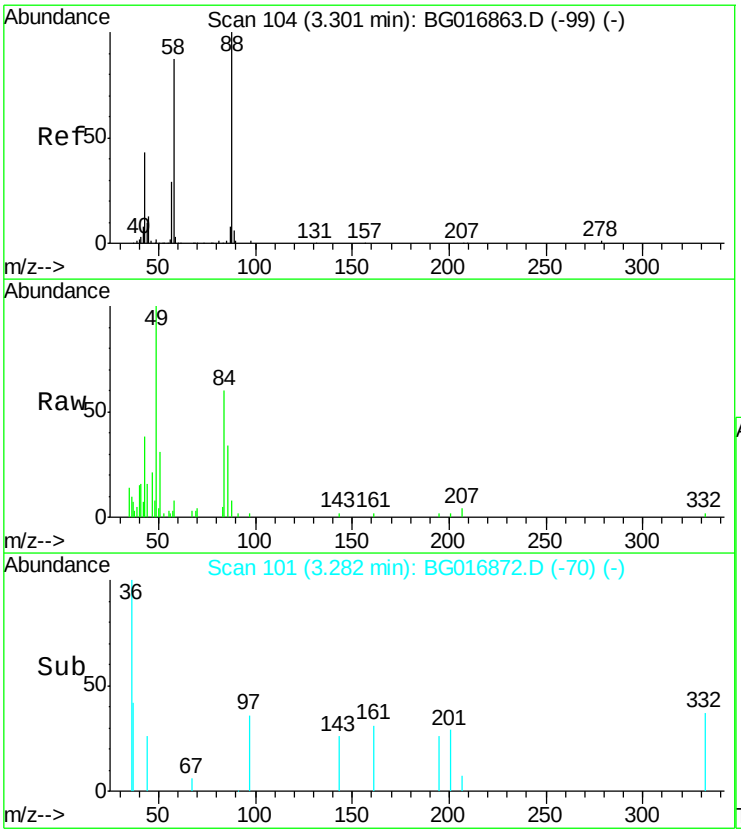
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:152 Resp: 69914

Ion	Ratio	Lower	Upper
152	100		
150	136.4	121.0	181.4
115	63.9	50.5	75.7

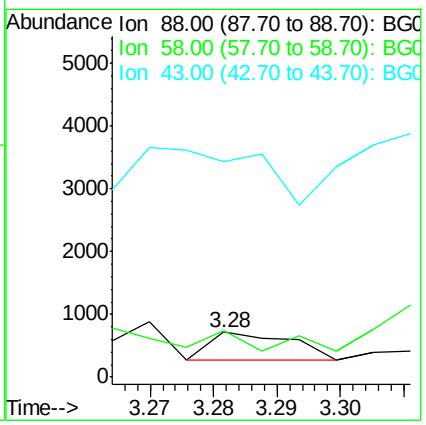


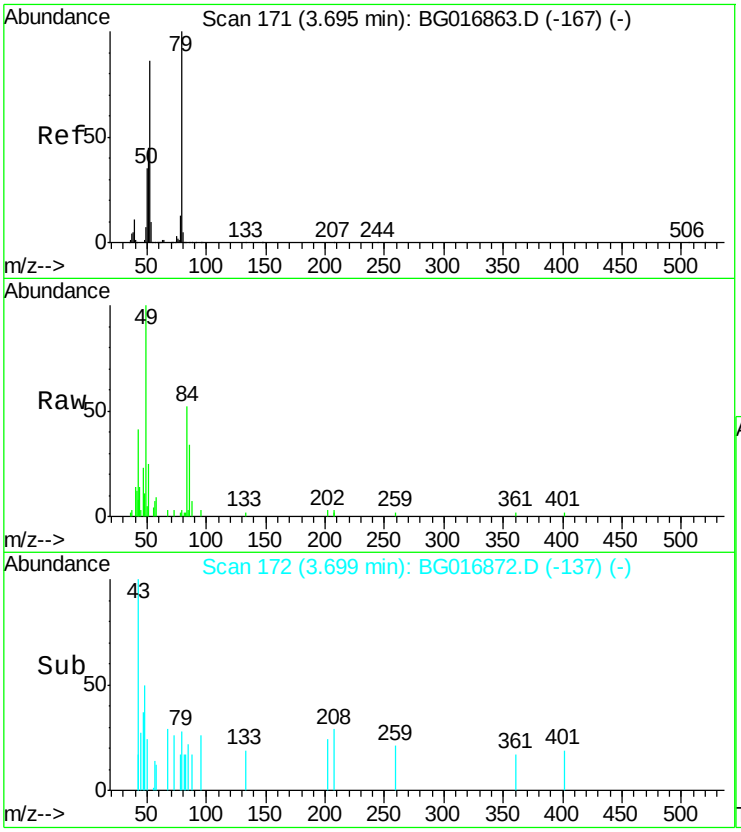


#2
1,4-Dioxane
Concen: 0.23 ng
RT: 3.28 min Scan# 101
Delta R.T. -0.02 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion: 88 Resp: 395

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.1	0.1#
43	299.5	1.3	1.9#



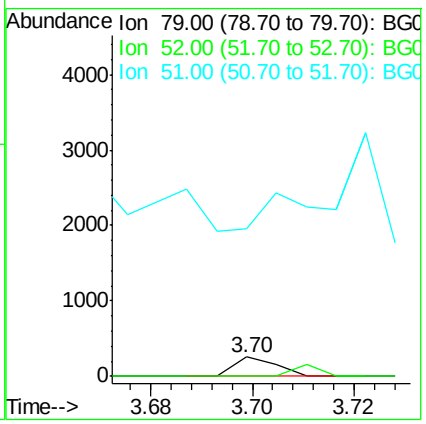


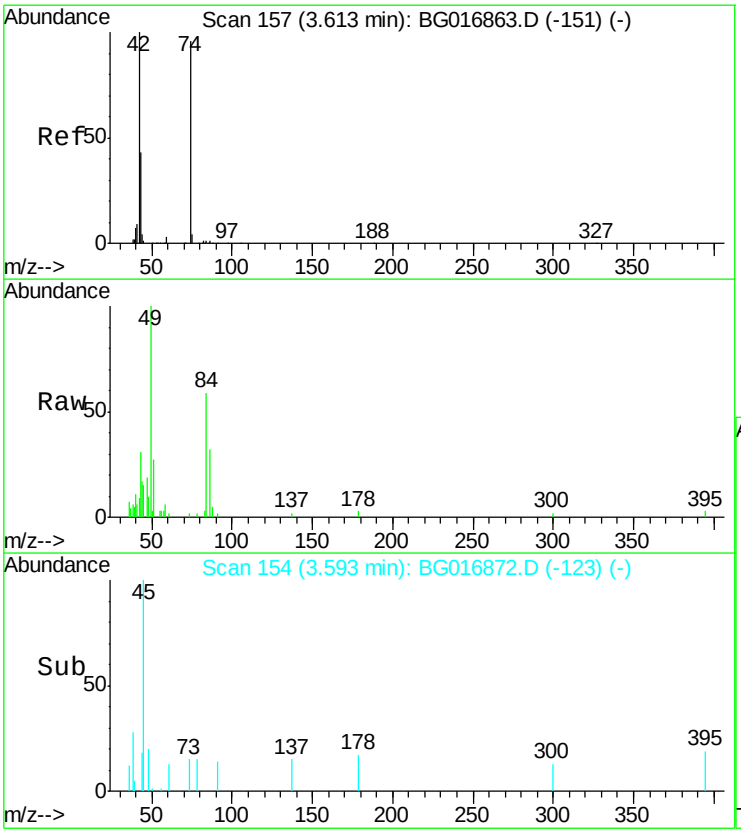
#3
Pyridine
Concen: 0.03 ng
RT: 3.70 min Scan# 172
Delta R.T. 0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion: 79 Resp: 144

Ion	Ratio	Lower	Upper
79	100		
52	0.0	68.5	102.7#
51	769.3	37.8	56.8#

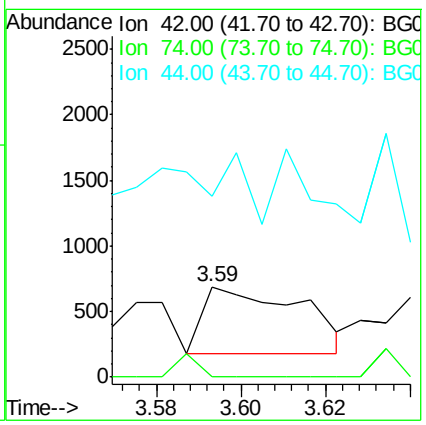


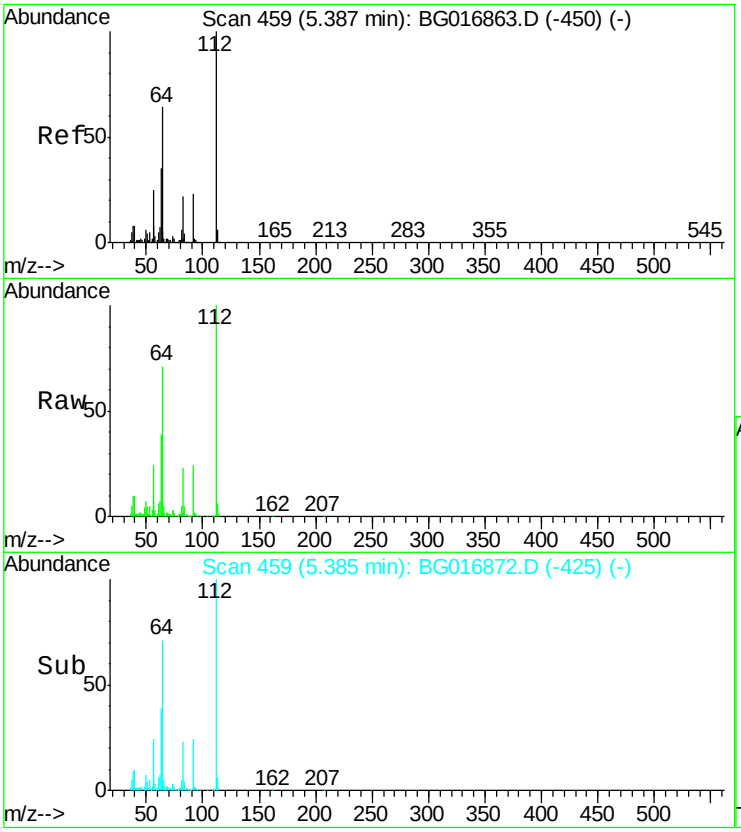


#4
n-Nitrosodimethylamine
Concen: 0.26 ng
RT: 3.59 min Scan# 154
Delta R.T. -0.02 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion: 42 Resp: 805

Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.2	114.2#
44	200.1	4.9	7.3#



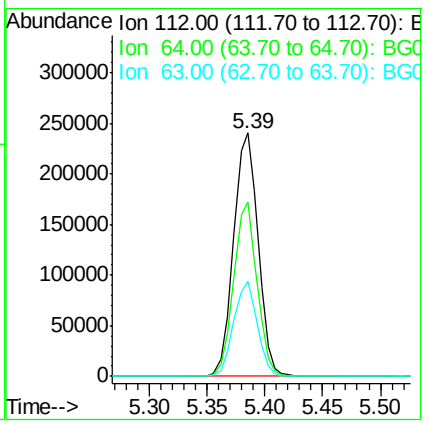


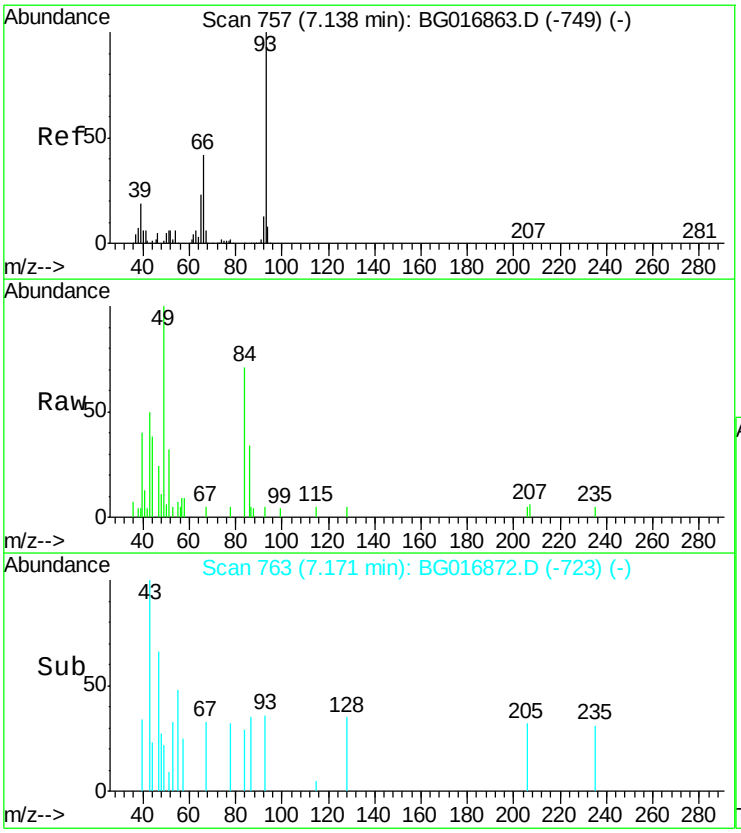
#5
2-Fluorophenol
Concen: 87.80 ng
RT: 5.39 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:112 Resp: 352550

Ion	Ratio	Lower	Upper
112	100		
64	71.4	51.4	77.2
63	38.9	28.1	42.1

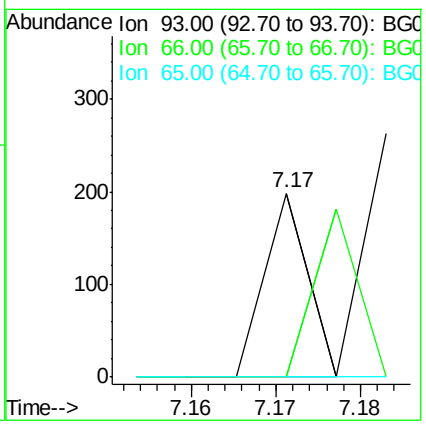


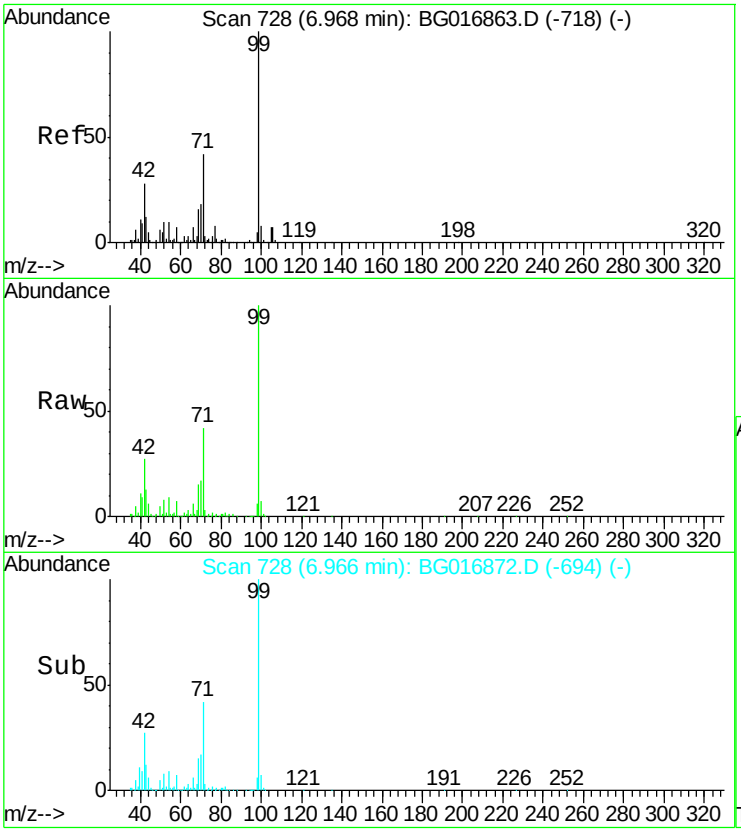


#6
Aniline
Concen: 0.01 ng
RT: 7.17 min Scan# 763
Delta R.T. 0.03 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion: 93 Resp: 70

Ion	Ratio	Lower	Upper
93	100		
66	0.0	33.8	50.6#
65	0.0	18.7	28.1#



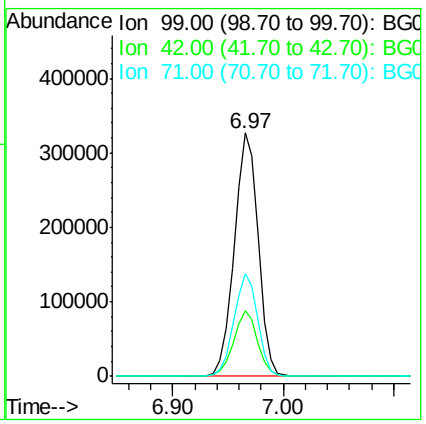


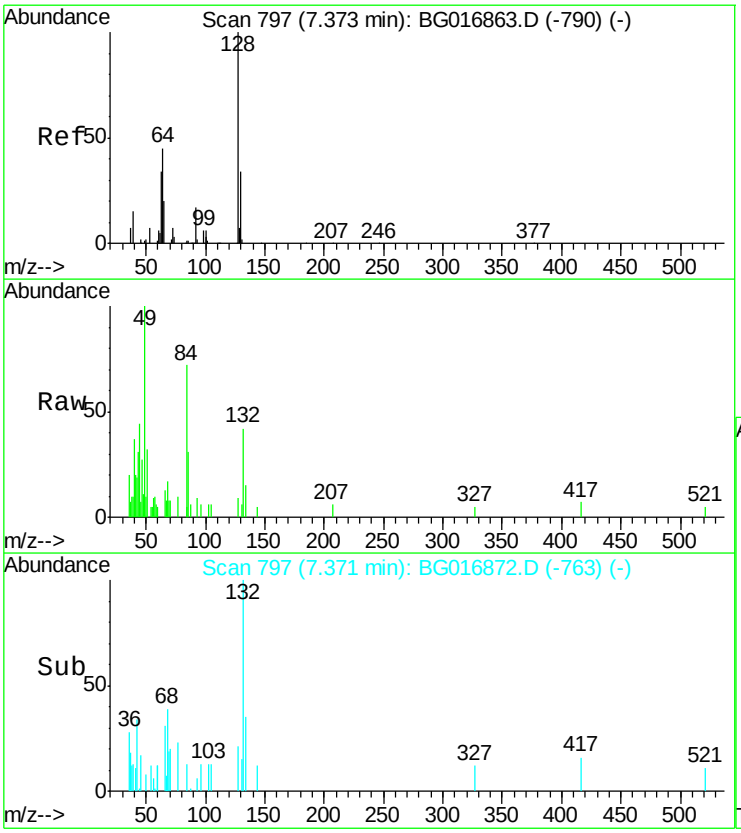
#7
Phenol-d6
Concen: 86.66 ng
RT: 6.97 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion: 99 Resp: 497123

Ion	Ratio	Lower	Upper
99	100		
42	26.8	22.1	33.1
71	42.4	33.4	50.0

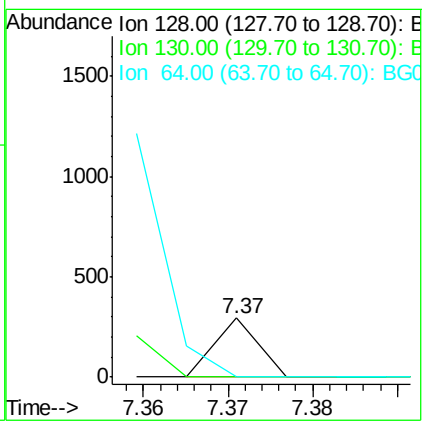


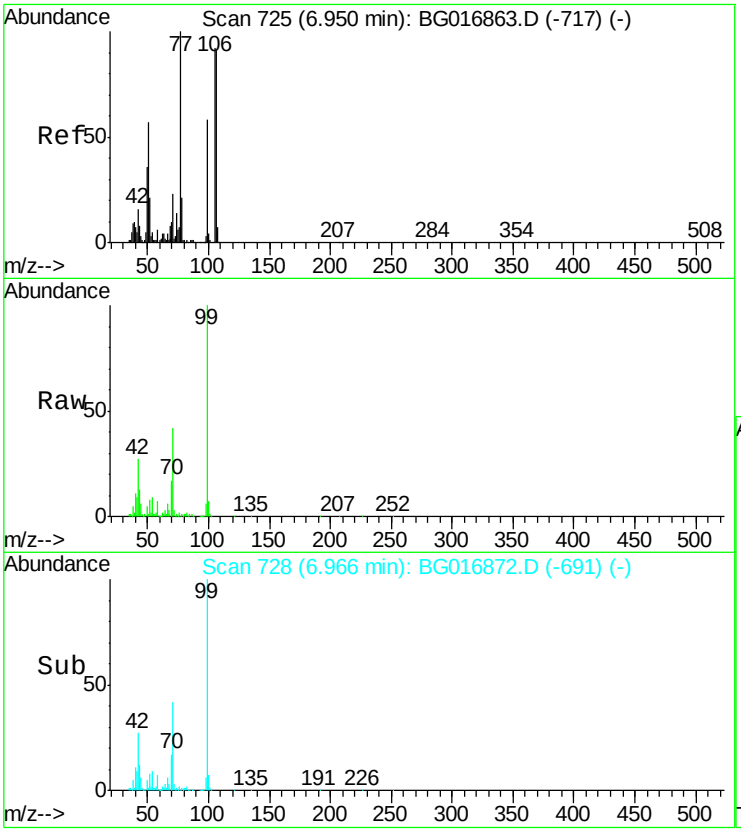


#8
2-Chlorophenol
Concen: 0.02 ng
RT: 7.37 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:128 Resp: 104

Ion	Ratio	Lower	Upper
128	100		
130	0.0	14.4	54.4#
64	0.0	38.4	78.4#



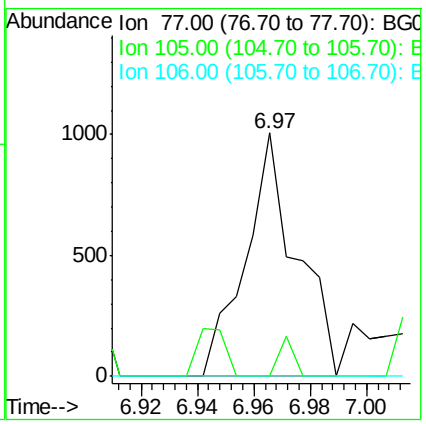


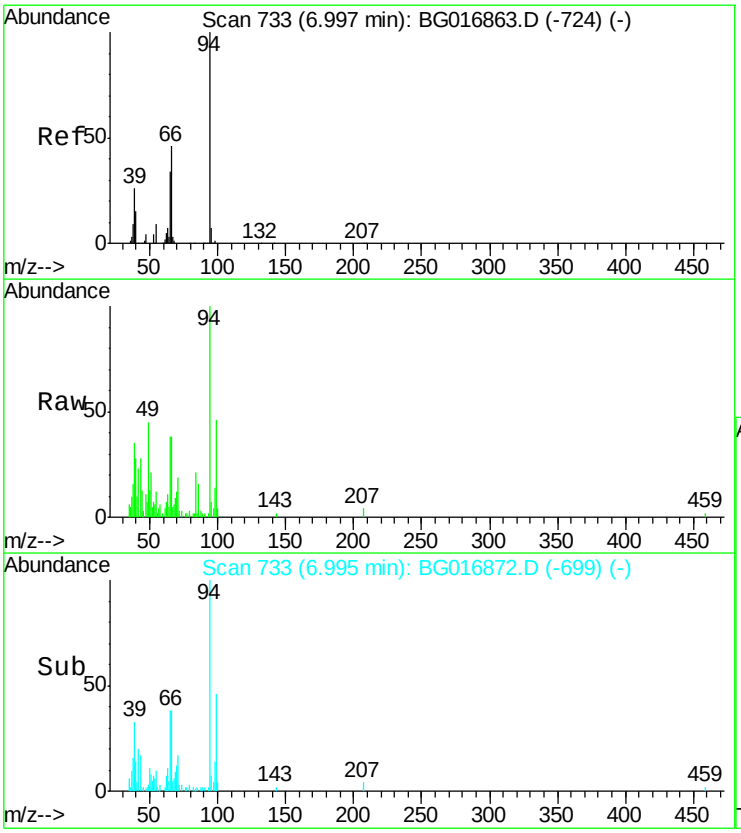
#9
Benzaldehyde
Concen: 0.37 ng
RT: 6.97 min Scan# 728
Delta R.T. 0.02 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion: 77 Resp: 1257

Ion	Ratio	Lower	Upper
77	100		
105	0.0	71.6	111.6#
106	0.0	71.5	111.5#

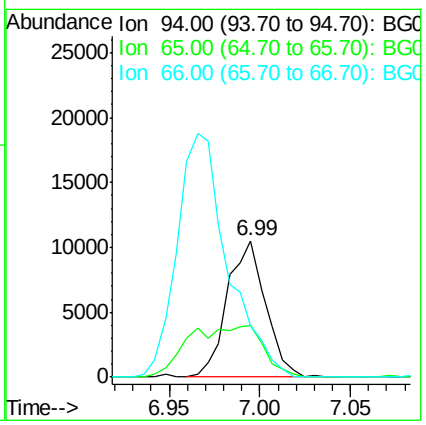


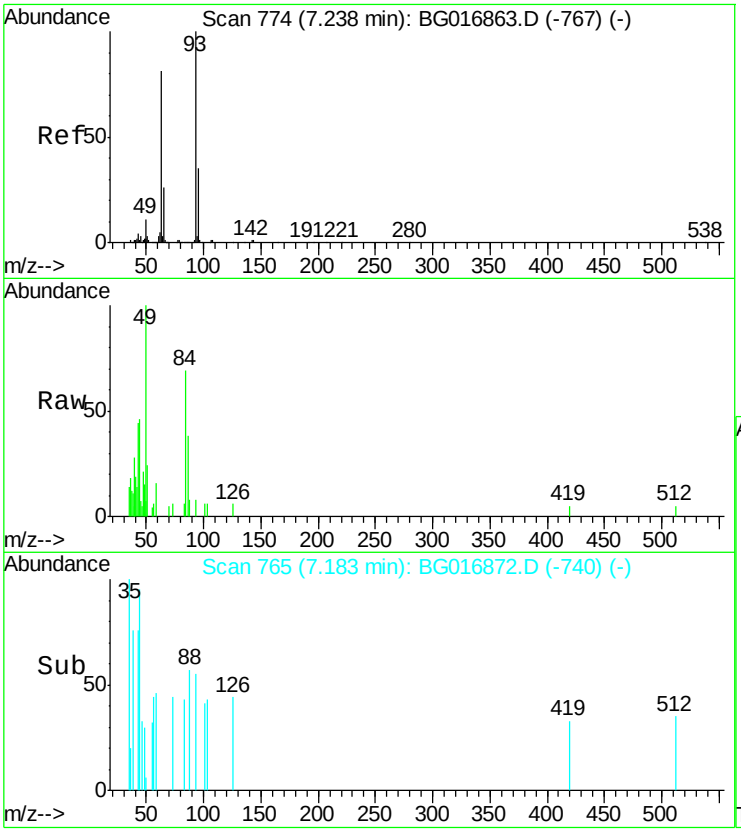


#10
Phenol
Concen: 2.51 ng
RT: 6.99 min Scan# 733
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion: 94 Resp: 15412

Ion	Ratio	Lower	Upper
94	100		
65	37.6	14.3	54.3
66	38.2	26.9	66.9



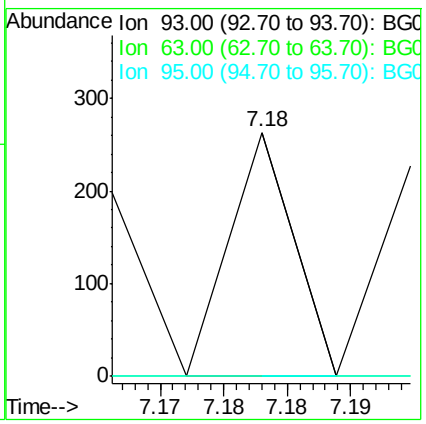


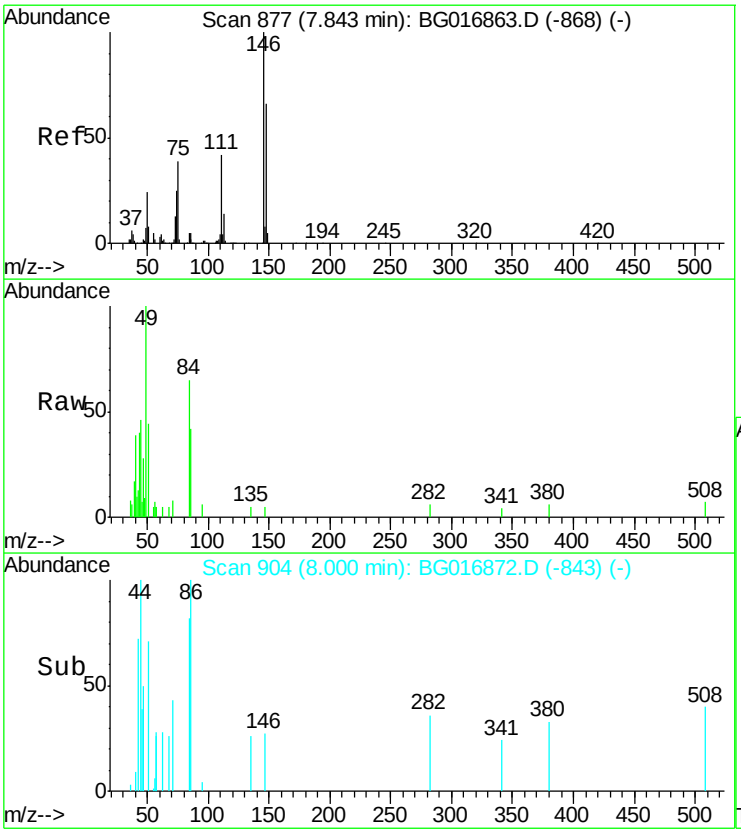
#11
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.18 min Scan# 765
Delta R.T. -0.05 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion: 93 Resp: 93

Ion	Ratio	Lower	Upper
93	100		
63	0.0	61.2	101.2#
95	0.0	15.0	55.0#

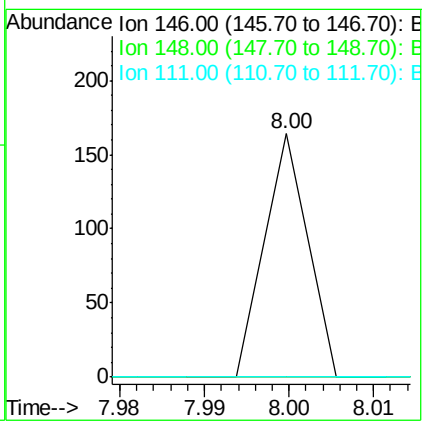


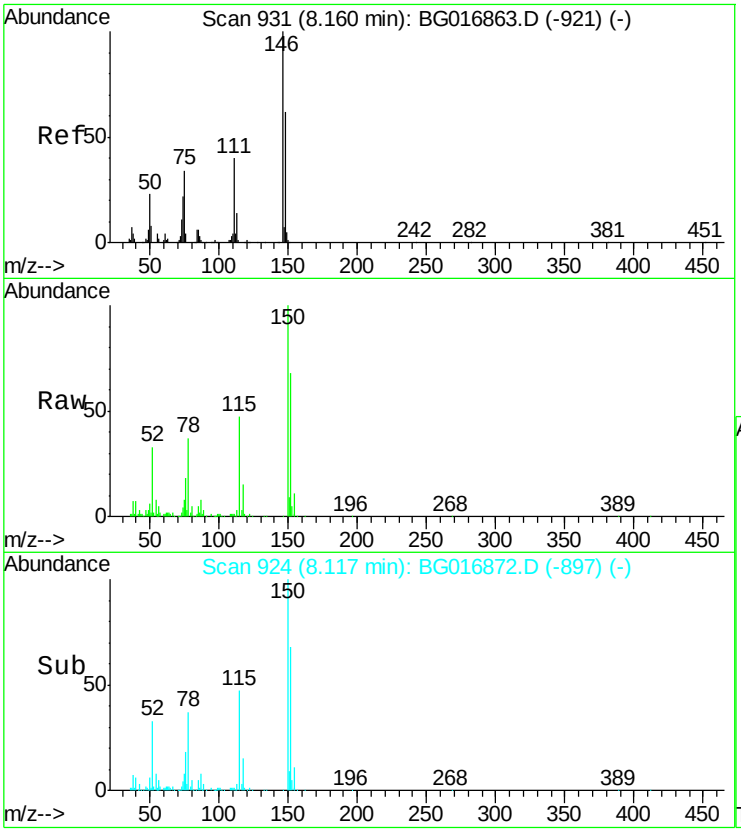


#13
1,4-Dichlorobenzene
Concen: 0.01 ng
RT: 8.00 min Scan# 904
Delta R.T. 0.16 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:146 Resp: 58

Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.8	79.2#
111	0.0	33.9	50.9#



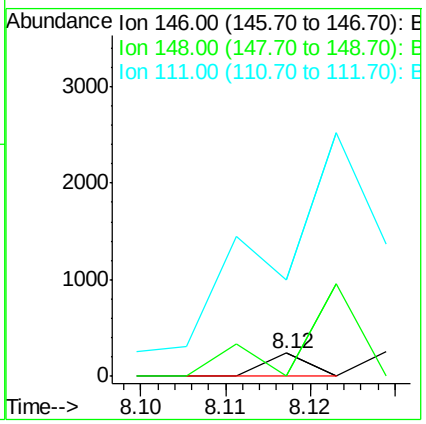


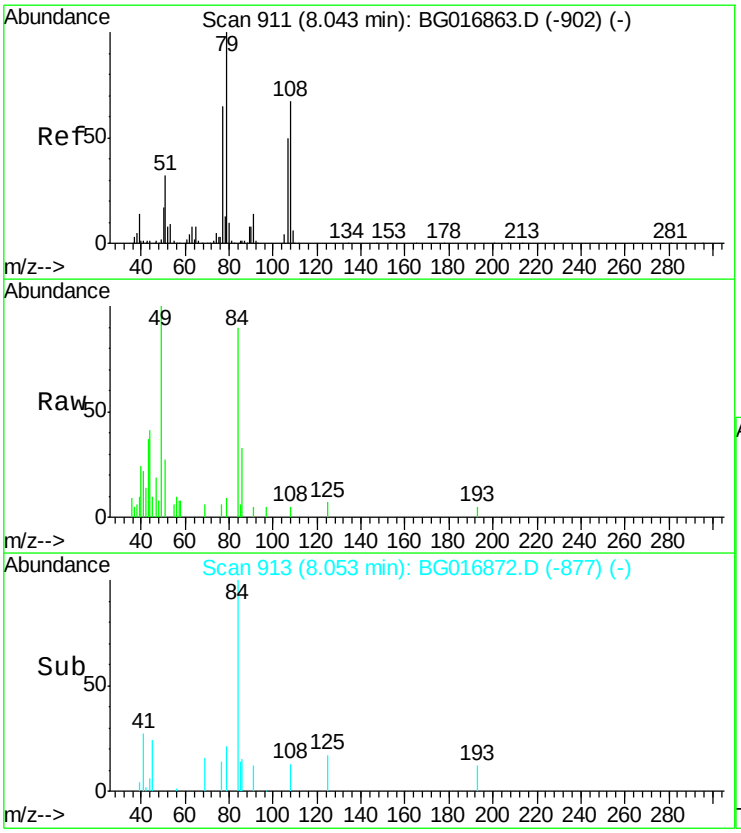
#14
1,2-Dichlorobenzene
Concen: 0.02 ng
RT: 8.12 min Scan# 924
Delta R.T. -0.04 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument : BNA_G
ClientSampleId : FS-034

Tgt Ion:146 Resp: 83

Ion	Ratio	Lower	Upper
146	100		
148	0.0	49.9	74.9#
111	423.7	32.1	48.1#

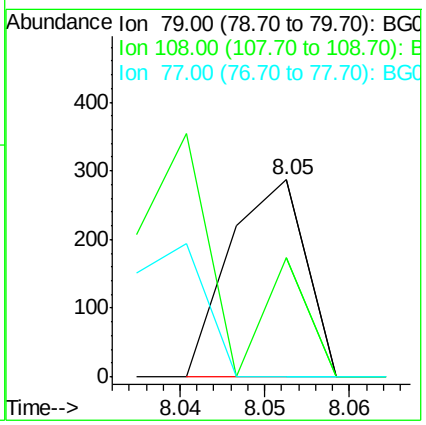


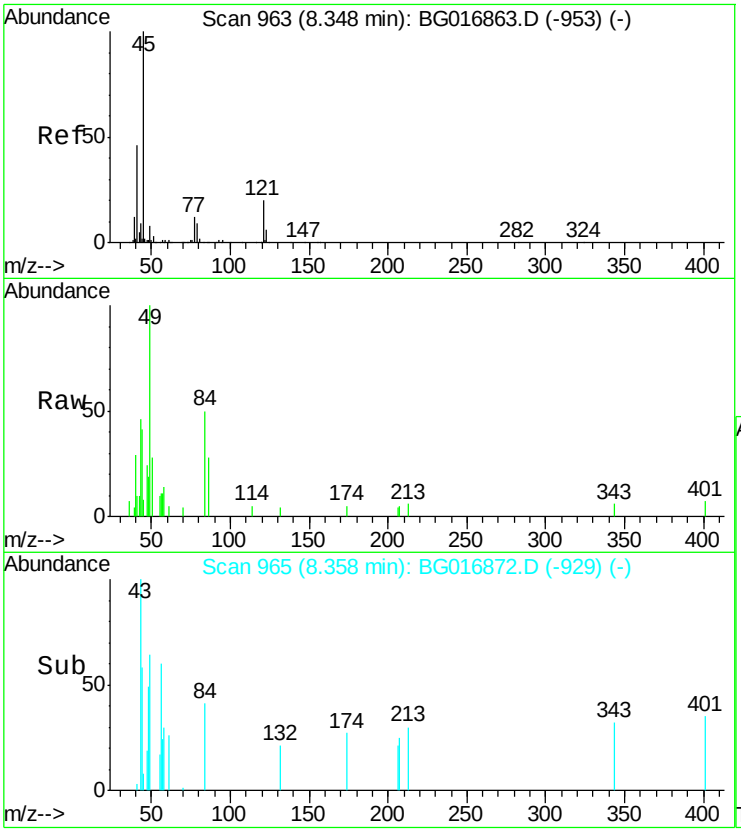


#15
Benzyl Alcohol
Concen: 0.03 ng
RT: 8.05 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion: 79 Resp: 179

Ion	Ratio	Lower	Upper
79	100		
108	60.6	53.4	80.2
77	0.0	52.2	78.2#



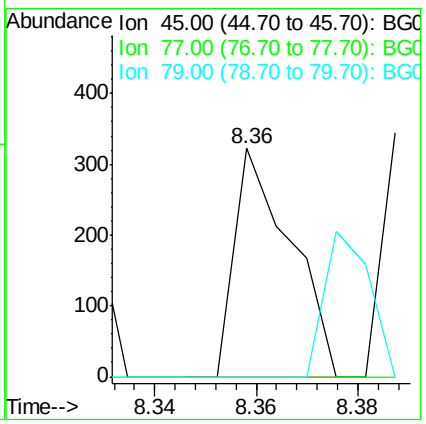


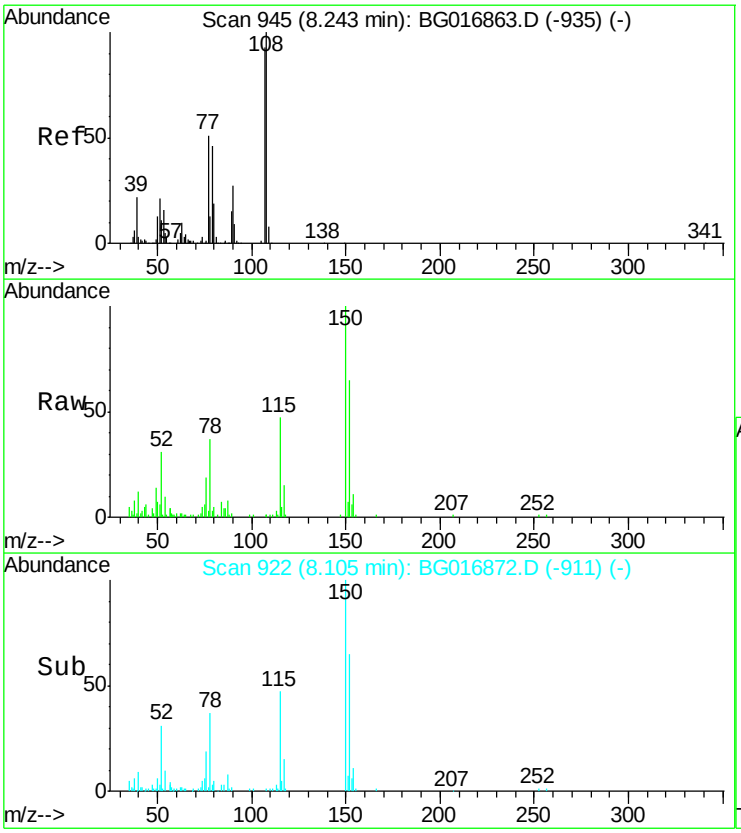
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.03 ng
RT: 8.36 min Scan# 965
Delta R.T. 0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion: 45 Resp: 248

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	31.8
79	0.0	0.0	29.1

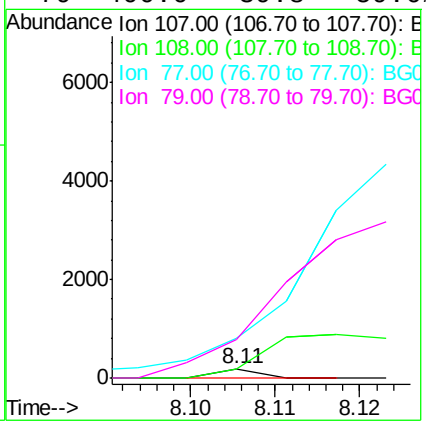


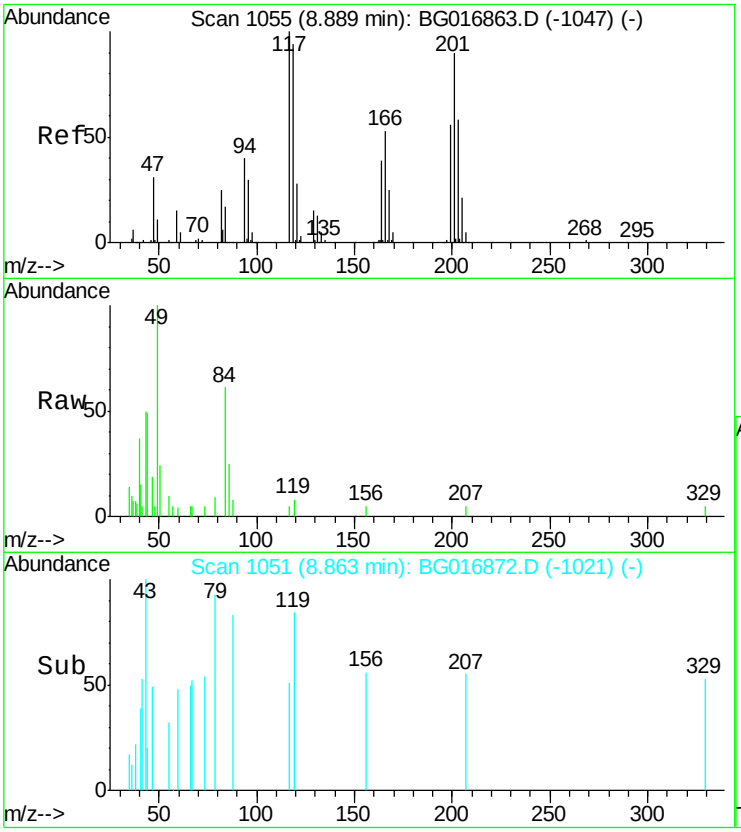


#17
2-Methylphenol
Concen: 0.02 ng
RT: 8.11 min Scan# 922
Delta R.T. -0.14 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:107 Resp: 68

Ion	Ratio	Lower	Upper
107	100		
108	89.1	85.9	128.9
77	426.0	43.8	65.6#
79	400.0	39.8	59.6#



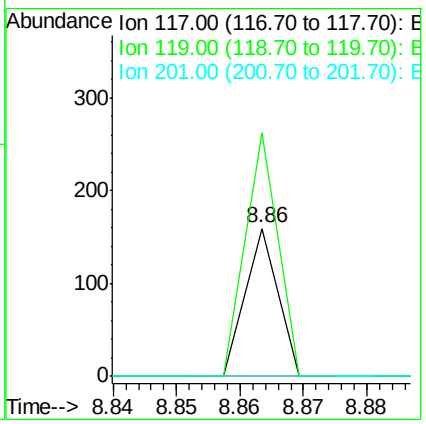


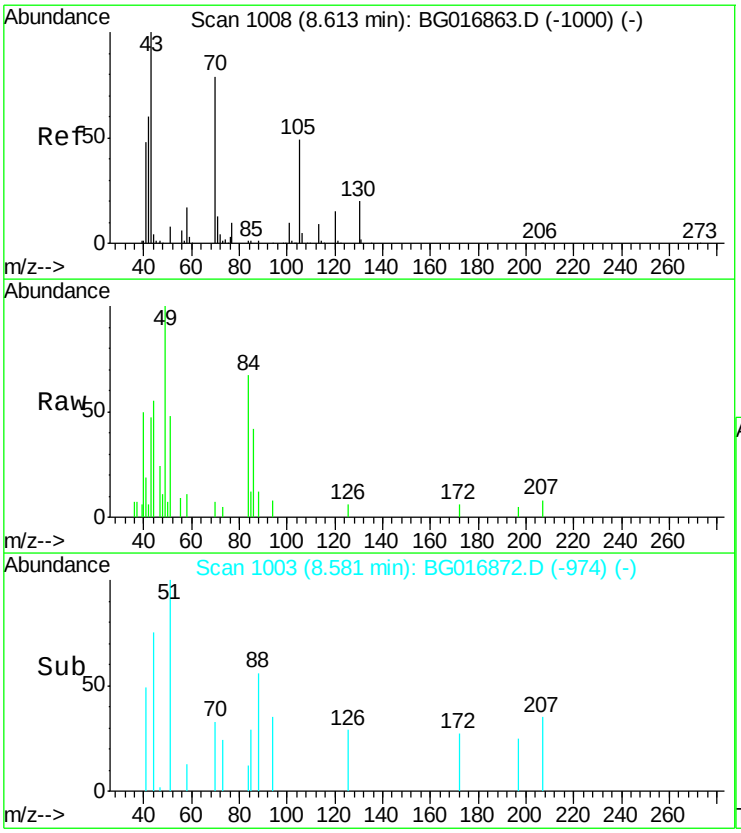
#18
Hexachloroethane
Concen: 0.03 ng
RT: 8.86 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:117 Resp: 56

Ion	Ratio	Lower	Upper
117	100		
119	164.8	74.8	112.2#
201	0.0	72.1	108.1#

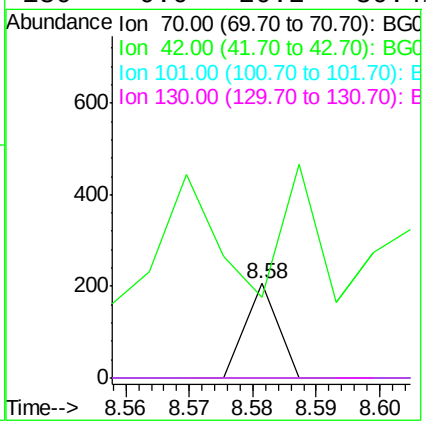


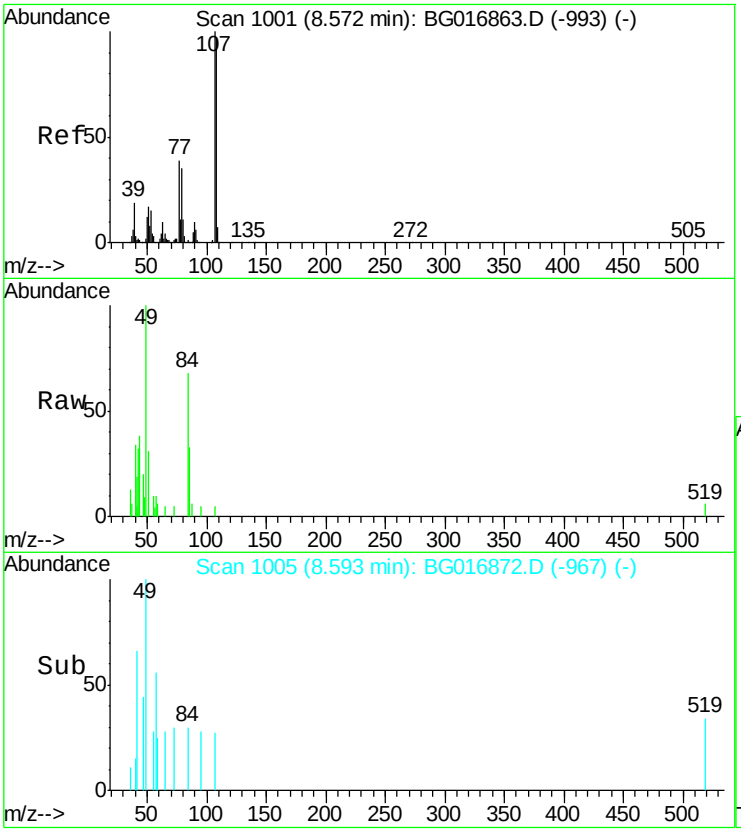


#19
n-Nitroso-di-n-propylamine
Concen: 0.01 ng
RT: 8.58 min Scan# 1003
Delta R.T. -0.03 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion: 70 Resp: 73

Ion	Ratio	Lower	Upper
70	100		
42	85.4	61.5	92.3
101	0.0	9.8	14.6#
130	0.0	20.2	30.4#



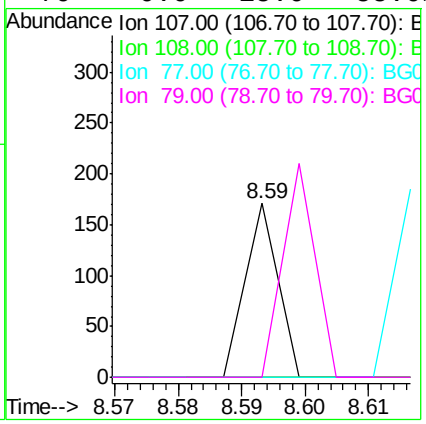


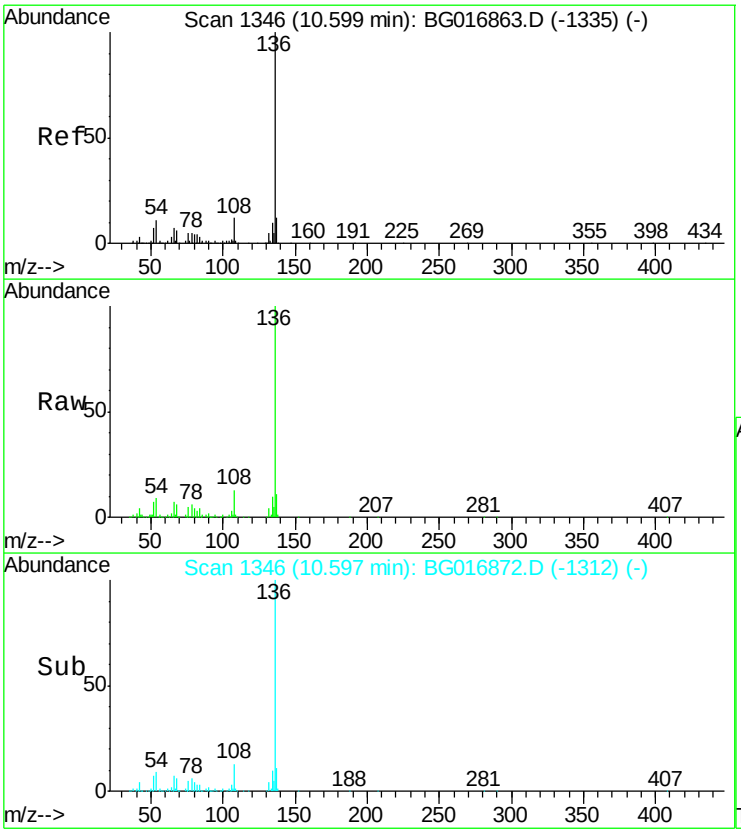
#20
3+4-Methylphenols
Concen: 0.01 ng
RT: 8.59 min Scan# 1005
Delta R.T. 0.02 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:107 Resp: 60

Ion	Ratio	Lower	Upper
107	100		
108	0.0	76.6	116.6#
77	0.0	19.0	59.0#
79	0.0	15.0	55.0#

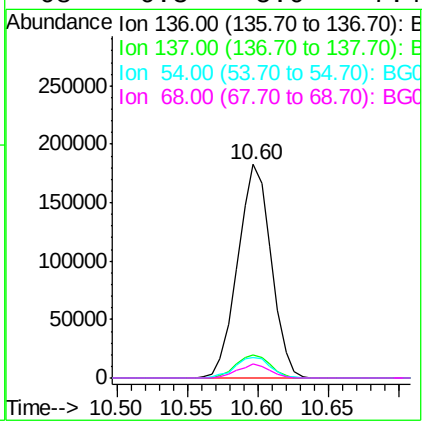


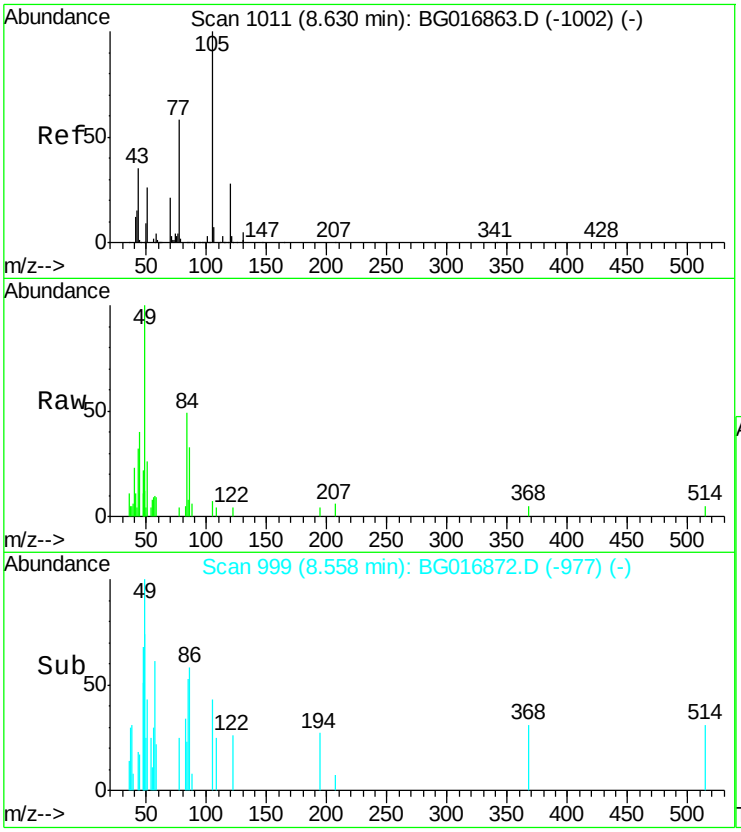


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:136 Resp: 302784

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.8
54	9.4	8.7	13.1
68	6.3	5.0	7.4



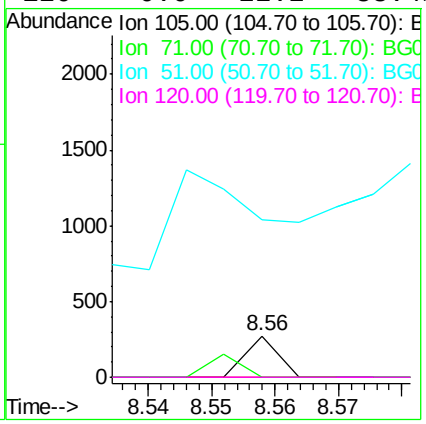


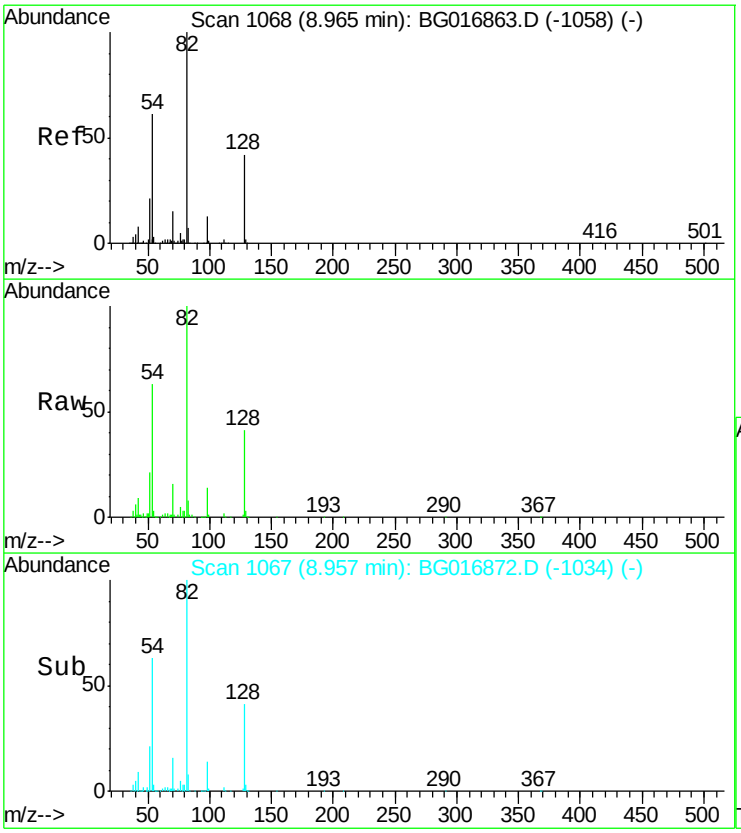
#22
Acetophenone
Concen: 0.01 ng
RT: 8.56 min Scan# 999
Delta R.T. -0.07 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:105 Resp: 96

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	383.5	29.4	44.2#
120	0.0	22.2	33.4#

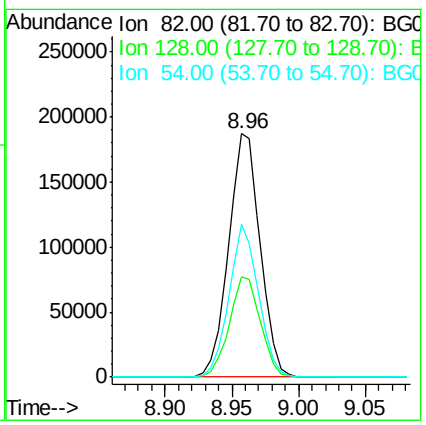


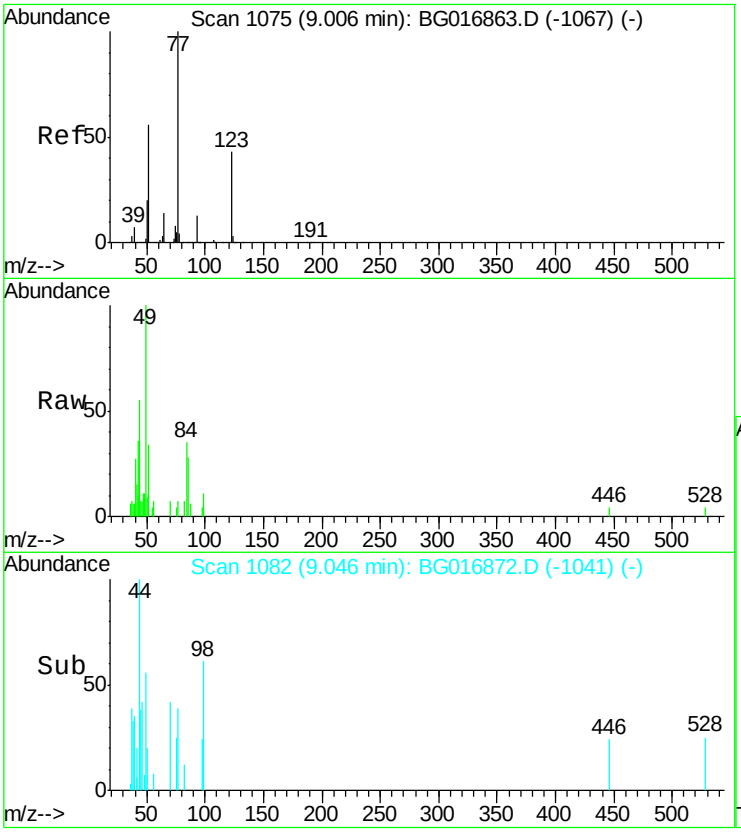


#23
Nitrobenzene-d5
Concen: 49.63 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion: 82 Resp: 307605

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.2	49.8
54	62.8	48.6	72.8



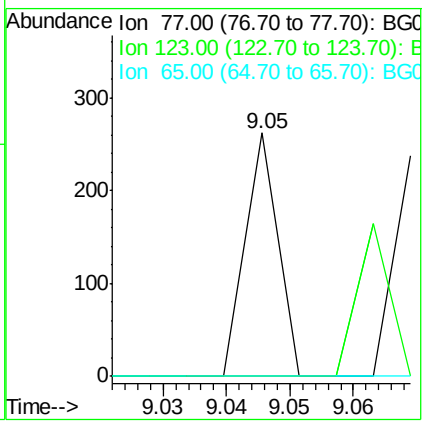


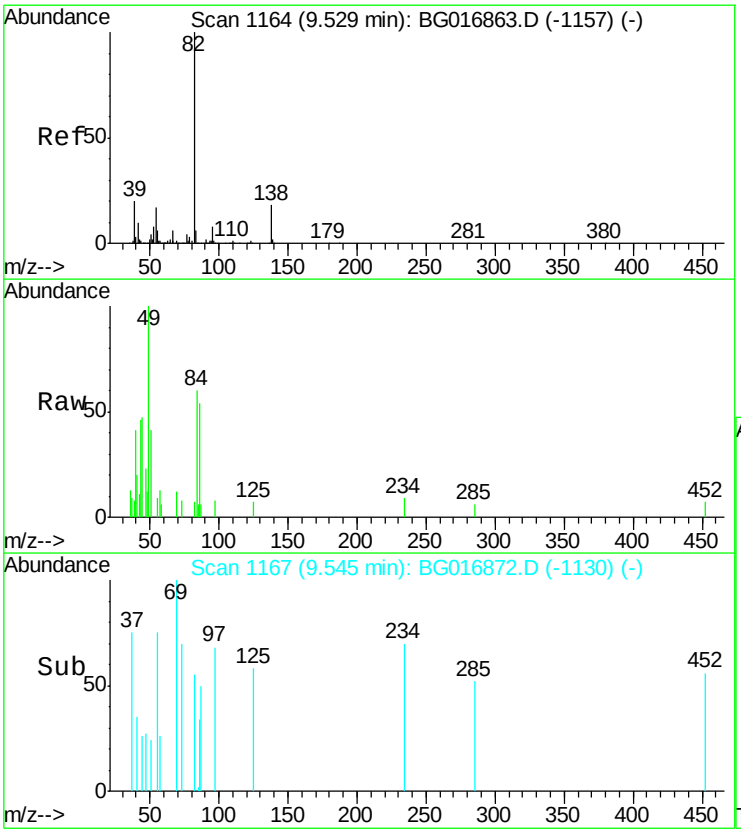
#24
Nitrobenzene
Concen: 0.01 ng
RT: 9.05 min Scan# 1082
Delta R.T. 0.04 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion: 77 Resp: 92

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.0	51.0#
65	0.0	11.2	16.8#

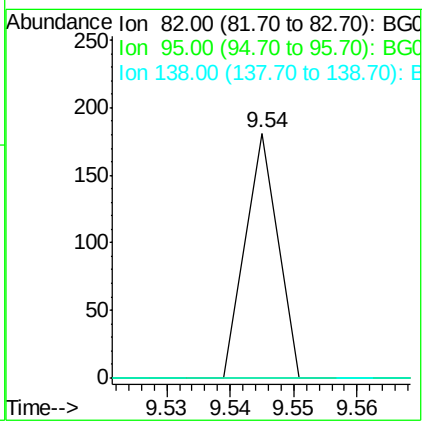


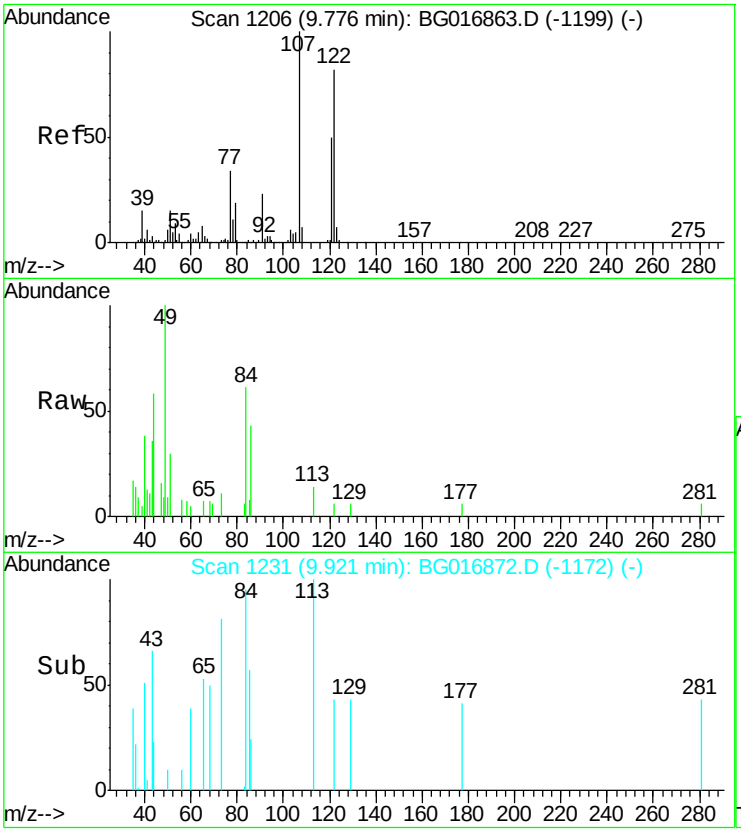


#25
Isophorone
Concen: 0.01 ng
RT: 9.54 min Scan# 1167
Delta R.T. 0.02 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion: 82 Resp: 64

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.7	10.1#
138	0.0	14.7	22.1#



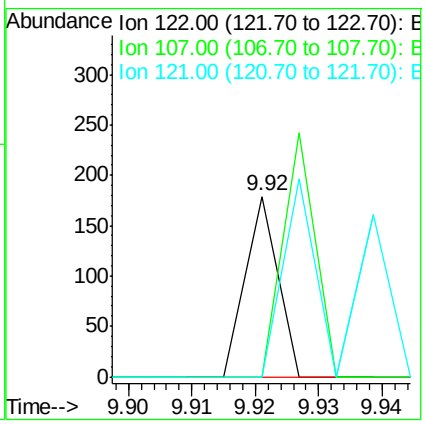


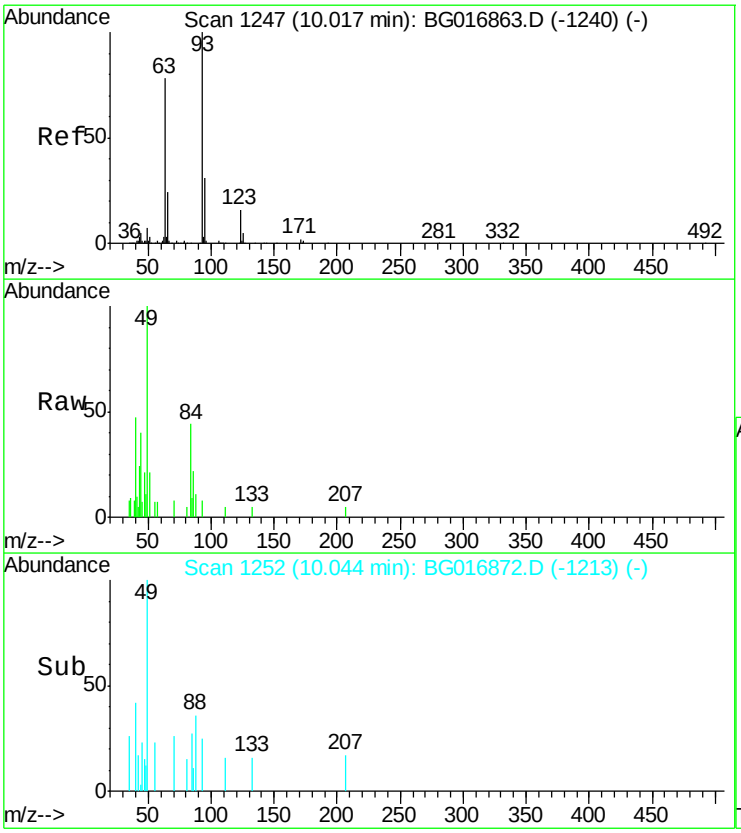
#27
2,4-Dimethylphenol
Concen: 0.01 ng
RT: 9.92 min Scan# 1231
Delta R.T. 0.14 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:122 Resp: 63

Ion	Ratio	Lower	Upper
122	100		
107	0.0	97.6	146.4#
121	0.0	48.4	72.6#

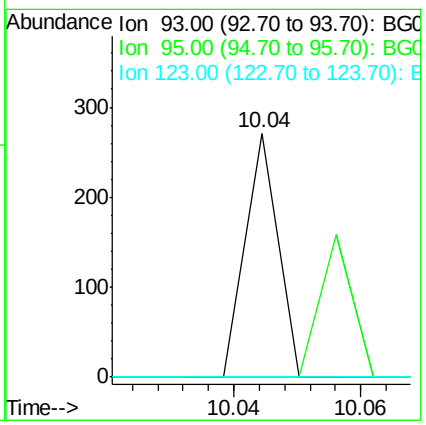


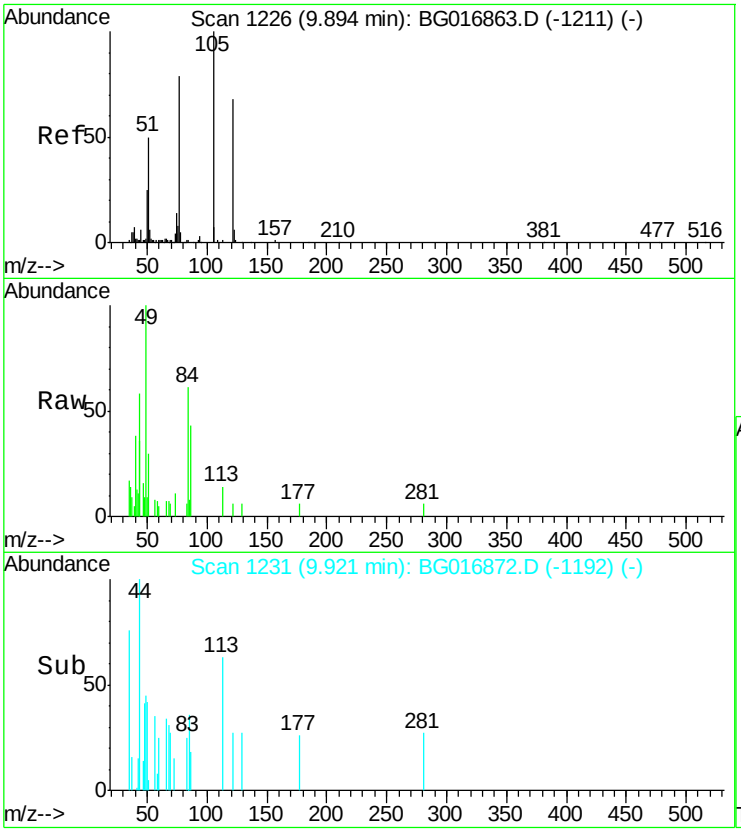


#28
bis(2-Chloroethoxy)methane
Concen: 0.02 ng
RT: 10.04 min Scan# 1252
Delta R.T. 0.03 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion: 93 Resp: 96

Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.8	37.2#
123	0.0	12.6	19.0#



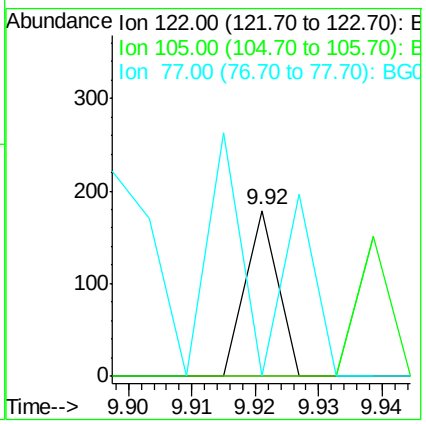


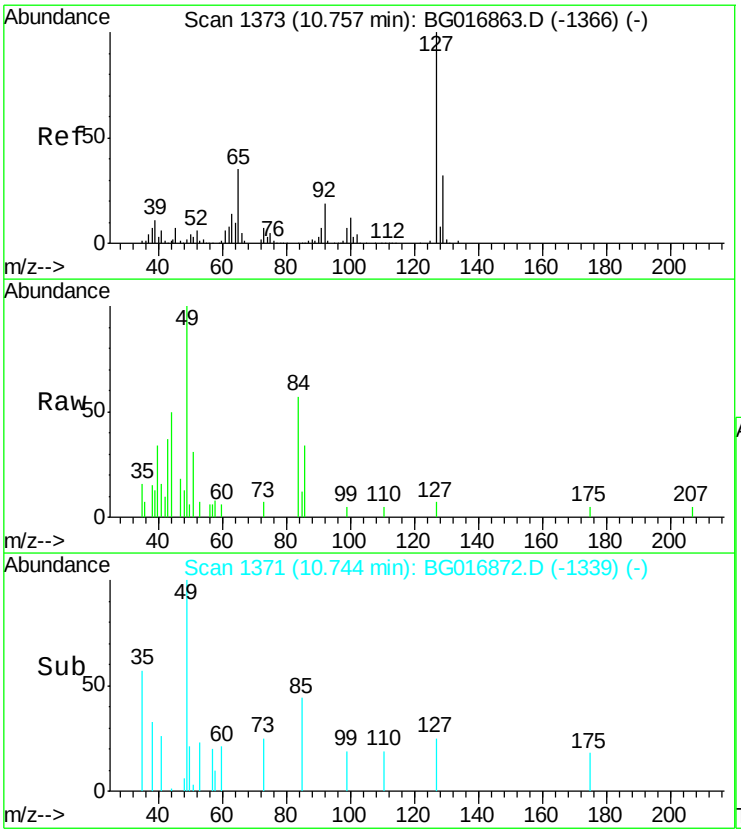
#32
Benzoic acid
Concen: Below Cal
RT: 9.92 min Scan# 1231
Delta R.T. 0.03 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument : BNA_G
ClientSampleId : FS-034

Tgt Ion:122 Resp: 63

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.2	163.2#
77	0.0	93.0	133.0#

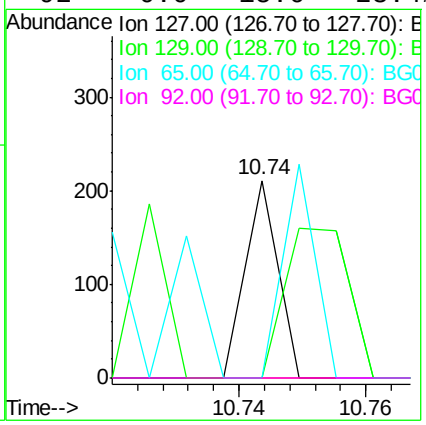


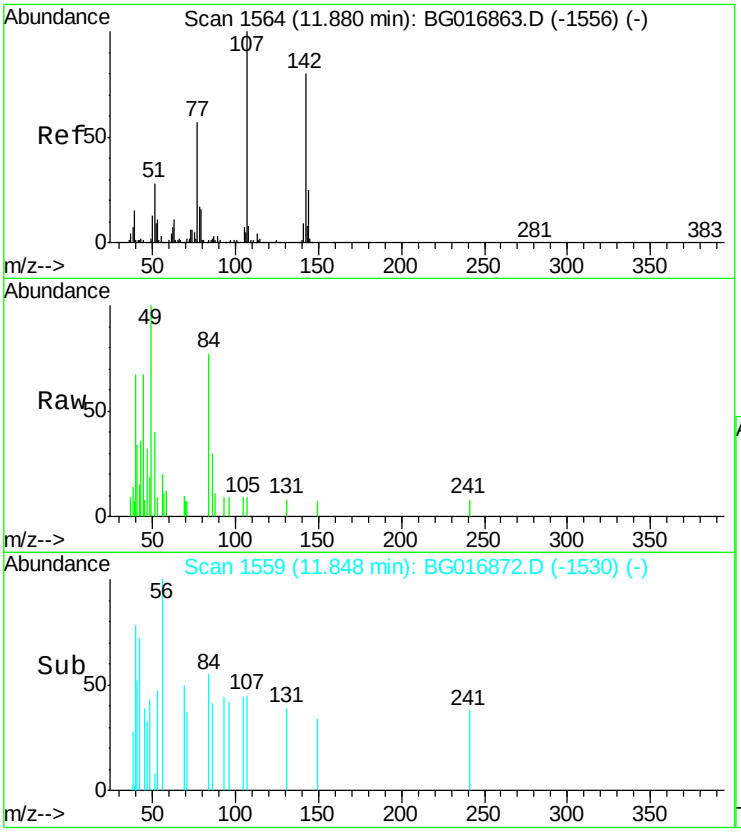


#33
4-Chloroaniline
Concen: 0.01 ng
RT: 10.74 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:127 Resp: 74

Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.8	38.6#
65	0.0	28.2	42.2#
92	0.0	15.6	23.4#



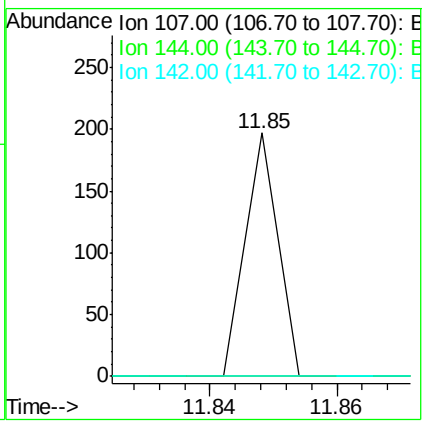


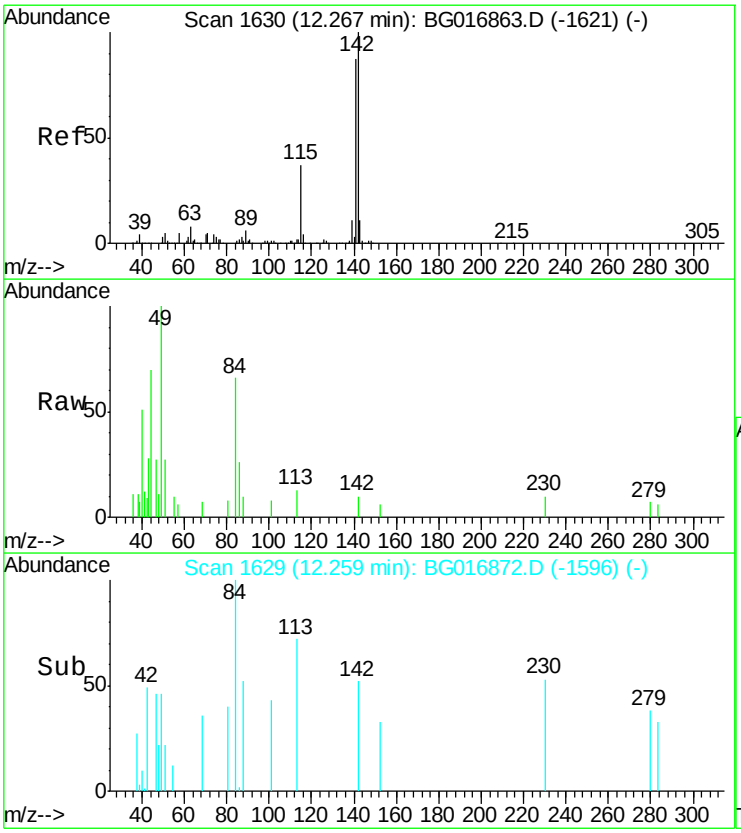
#36
4-Chloro-3-methylphenol
Concen: 0.01 ng
RT: 11.85 min Scan# 1559
Delta R.T. -0.03 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:107 Resp: 69

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.2	30.2#
142	0.0	64.2	96.2#

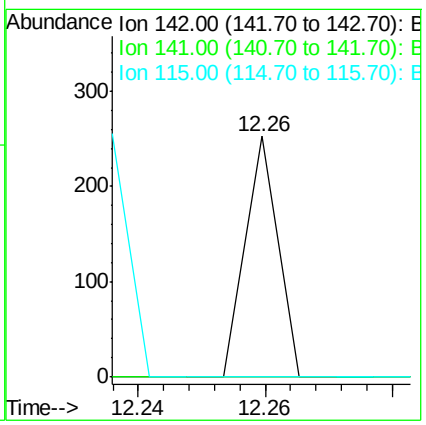


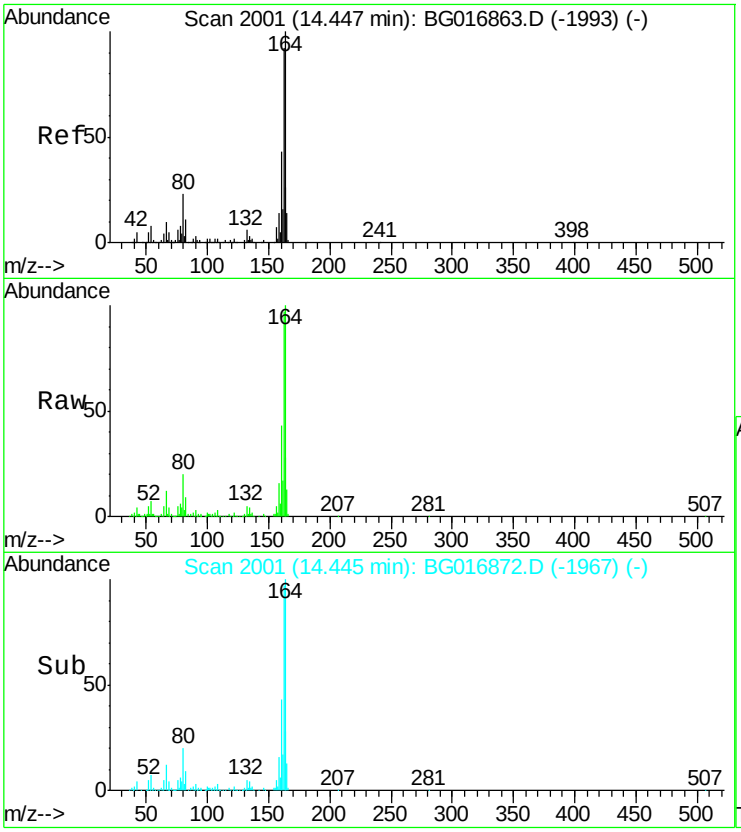


#37
2-Methylnaphthalene
Concen: 0.01 ng
RT: 12.26 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:142 Resp: 89

Ion	Ratio	Lower	Upper
142	100		
141	0.0	69.9	104.9#
115	0.0	29.8	44.8#



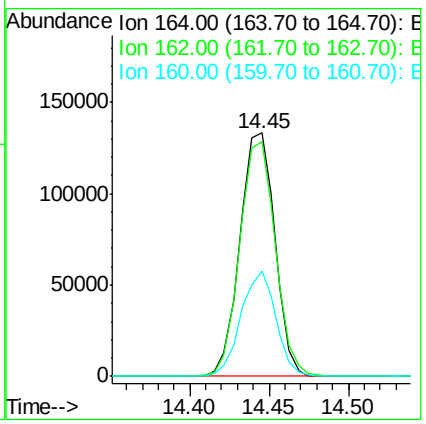


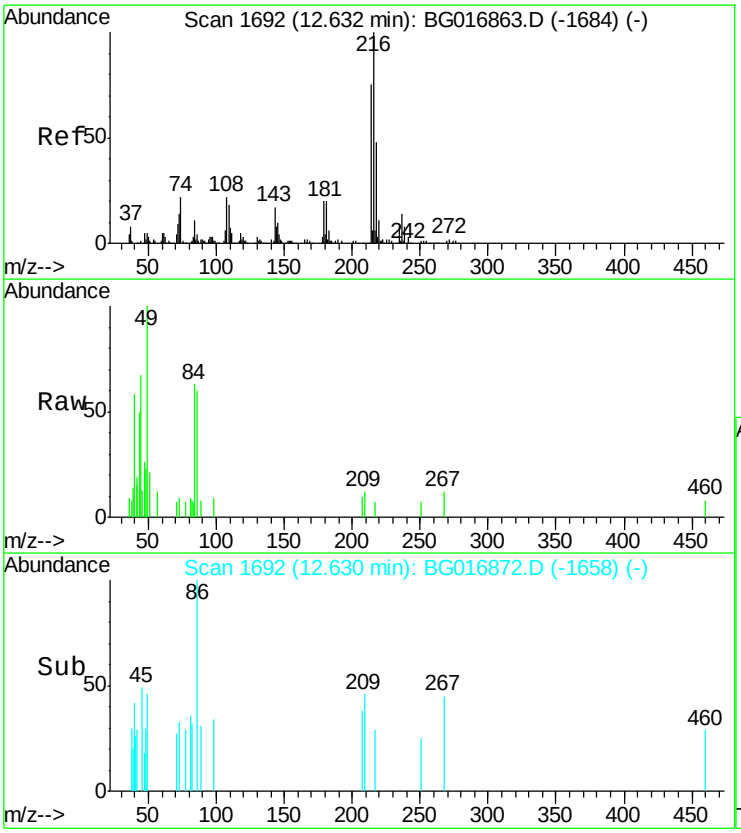
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.45 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:164 Resp: 204552

Ion	Ratio	Lower	Upper
164	100		
162	96.6	74.0	111.0
160	43.3	34.7	52.1

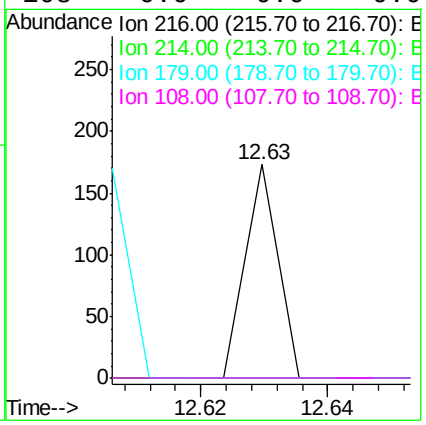


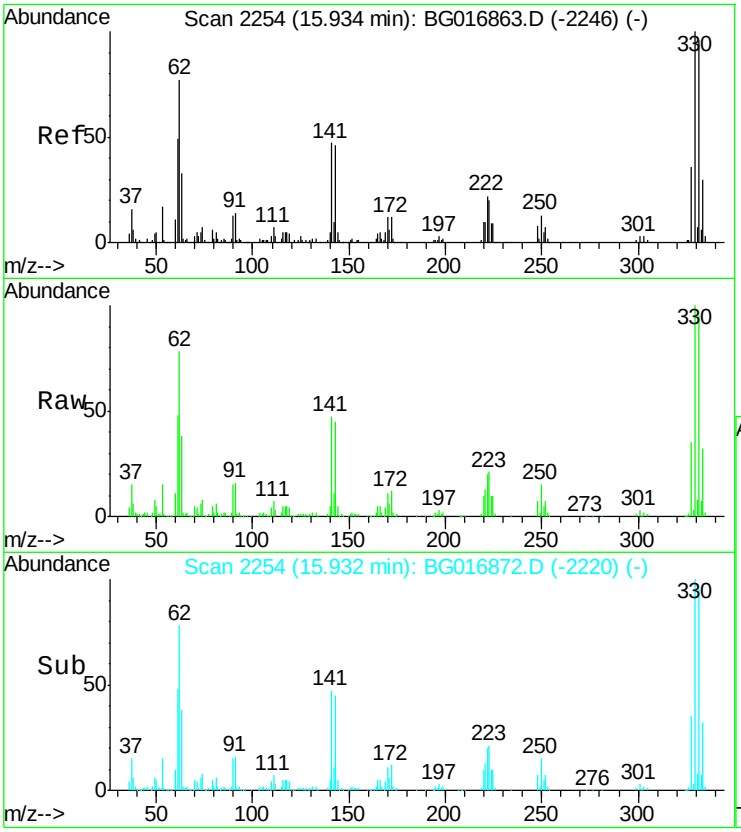


#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.01 ng
RT: 12.63 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:216 Resp: 61

Ion	Ratio	Lower	Upper
216	100		
214	0.0	0.0	0.0
179	0.0	0.0	0.0
108	0.0	0.0	0.0



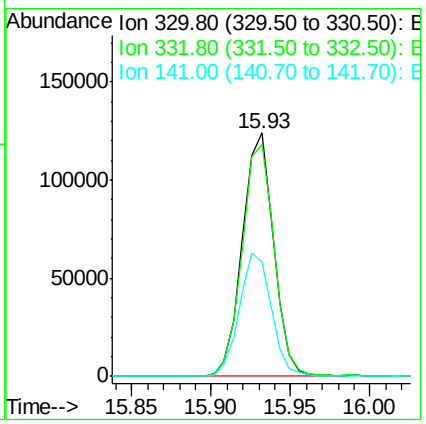


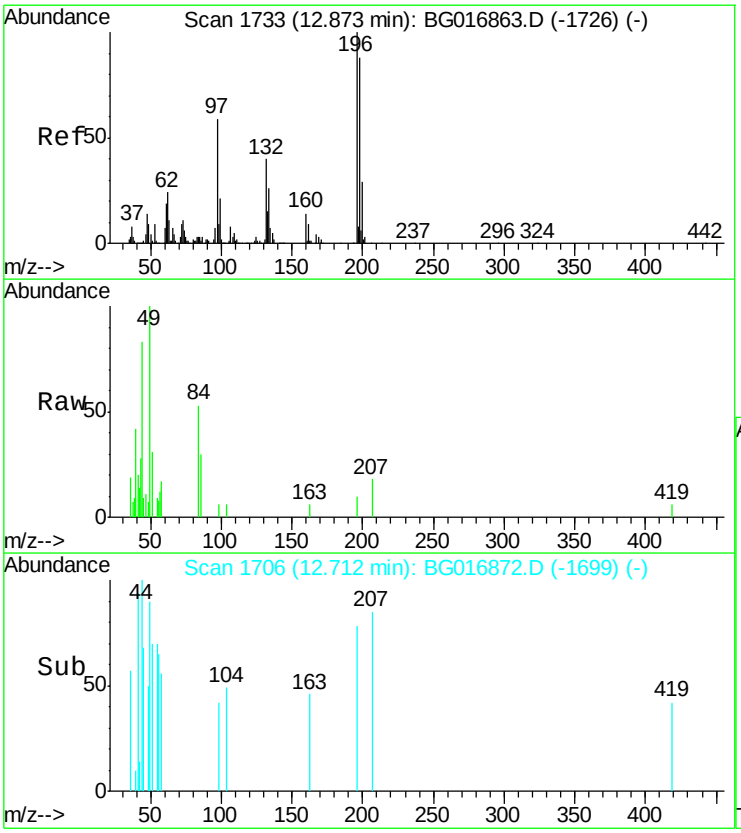
#41
2,4,6-Tribromophenol
Concen: 82.86 ng
RT: 15.93 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:330 Resp: 170144

Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	51.9	0.0	0.0#

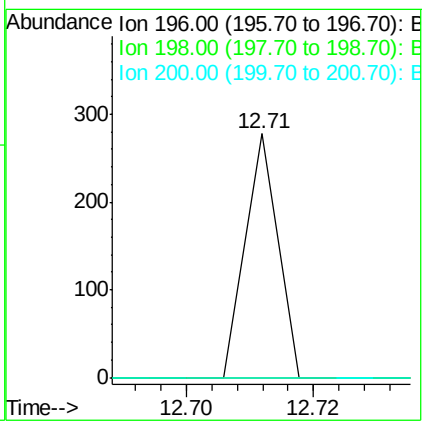


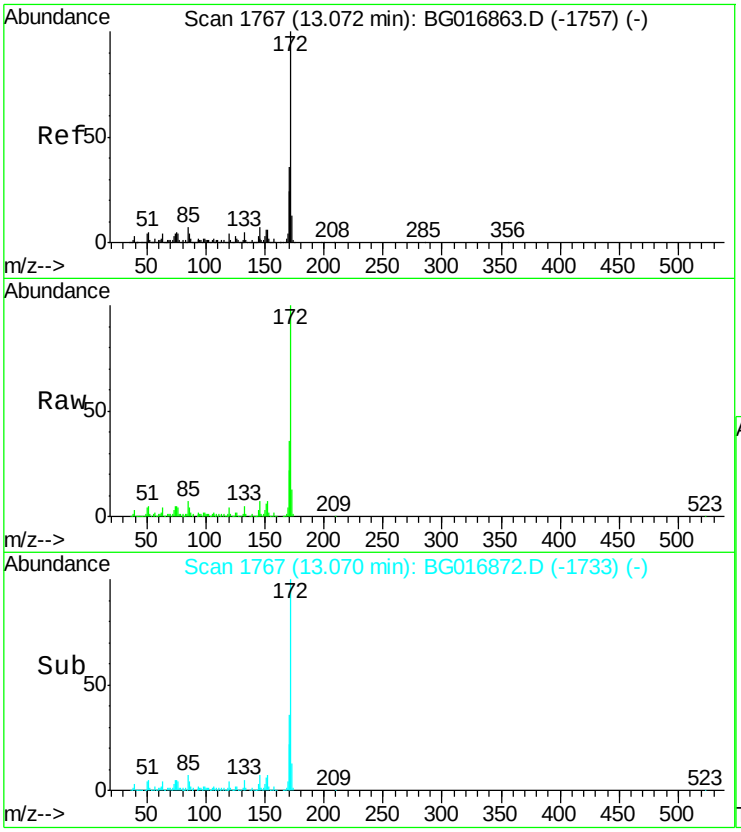


#42
2,4,6-Trichlorophenol
Concen: 0.03 ng
RT: 12.71 min Scan# 1706
Delta R.T. -0.16 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:196 Resp: 98

Ion	Ratio	Lower	Upper
196	100		
198	0.0	70.7	106.1#
200	0.0	23.0	34.4#



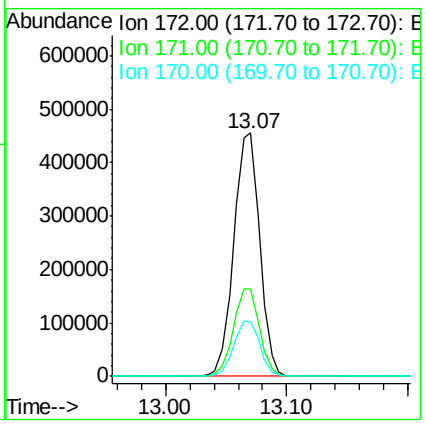


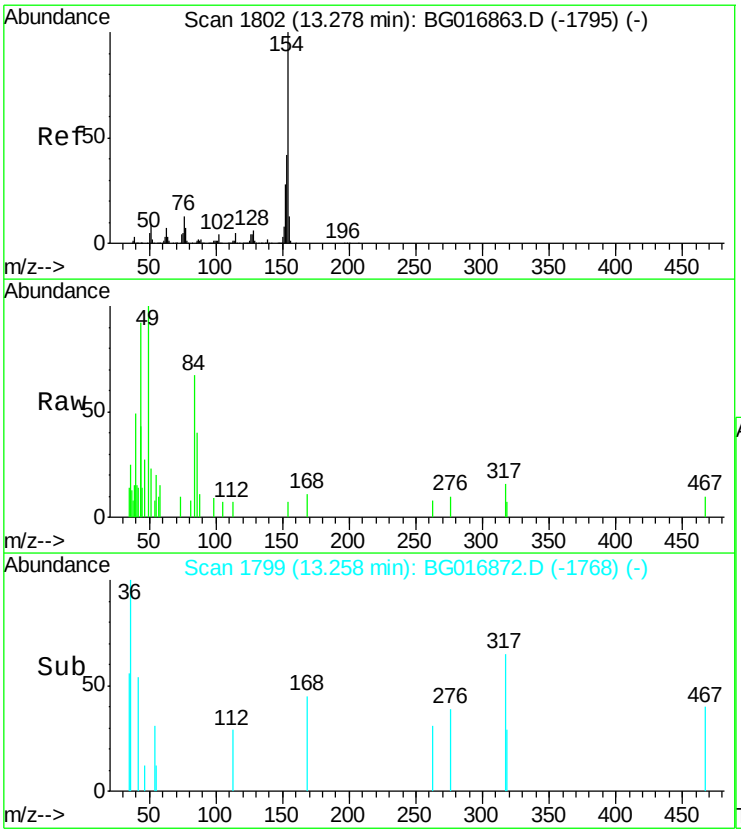
#44
2-Fluorobiphenyl
Concen: 50.14 ng
RT: 13.07 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:172 Resp: 679704

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	22.3	19.0	28.4

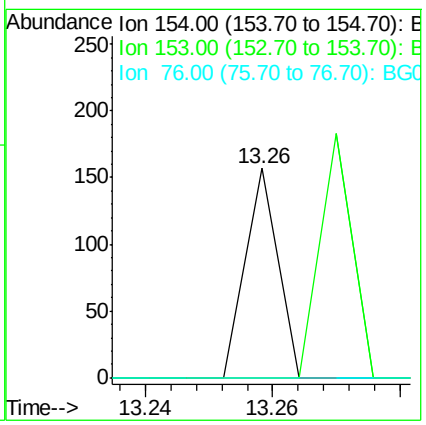


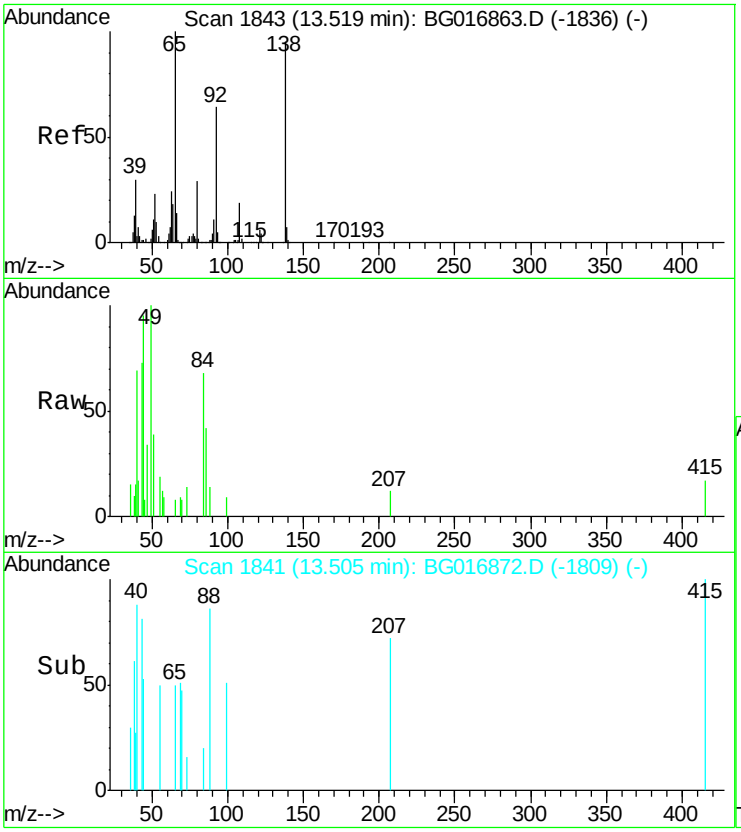


#45
1,1'-Biphenyl
Concen: 0.00 ng
RT: 13.26 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:154 Resp: 55

Ion	Ratio	Lower	Upper
154	100		
153	0.0	22.0	62.0#
76	0.0	0.0	33.3



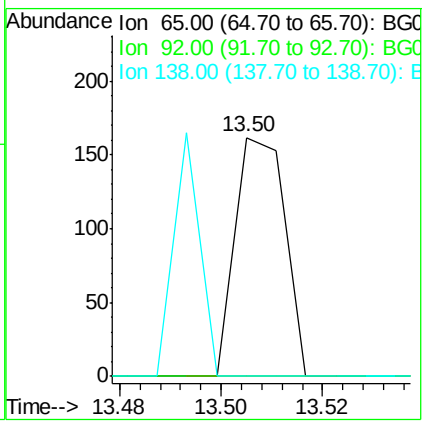


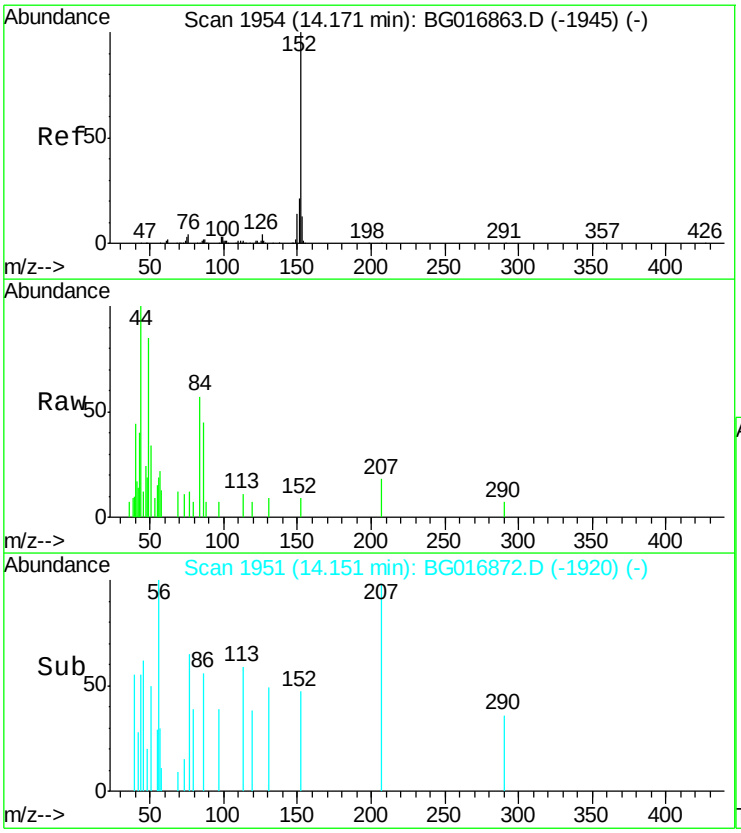
#47
2-Nitroaniline
Concen: 0.03 ng
RT: 13.50 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion: 65 Resp: 111

Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.0	76.6#
138	0.0	76.2	114.2#

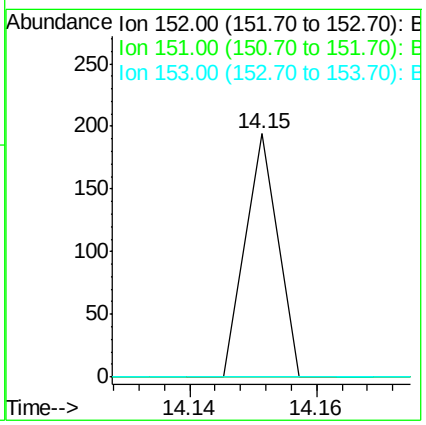


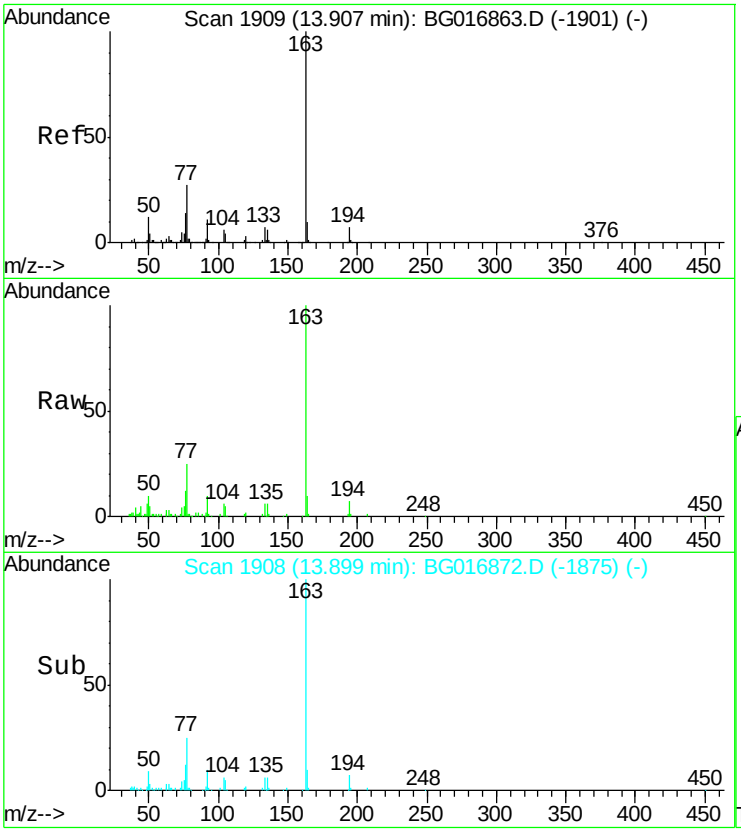


#48
Acenaphthylene
Concen: 0.00 ng
RT: 14.15 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:152 Resp: 68

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.0	25.4#
153	0.0	10.7	16.1#



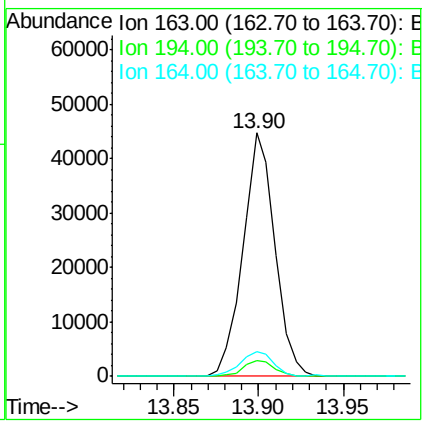


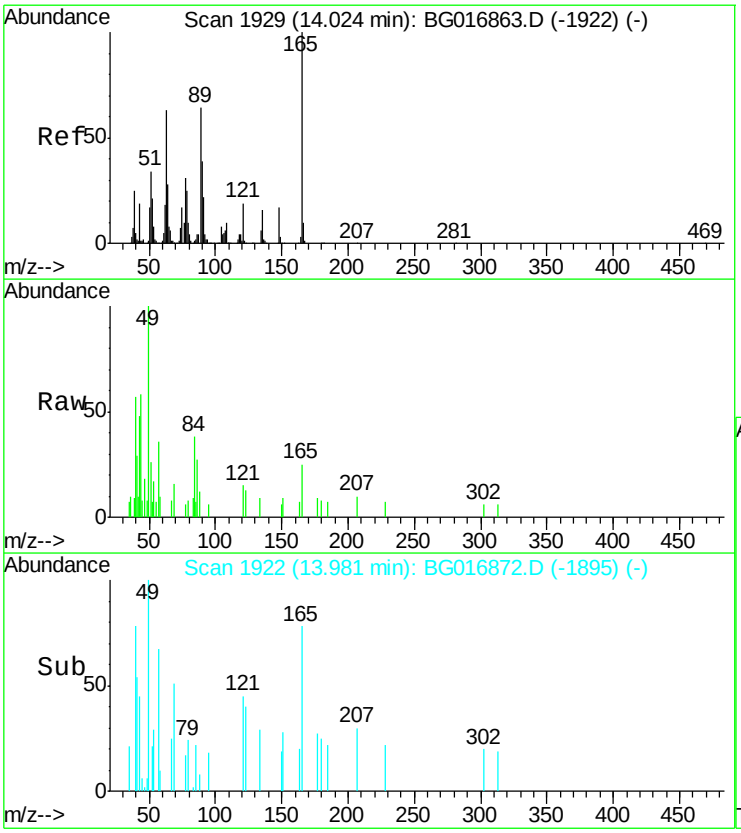
#49
Dimethylphthalate
Concen: 3.85 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:163 Resp: 58861

Ion	Ratio	Lower	Upper
163	100		
194	6.7	5.2	7.8
164	10.0	8.4	12.6

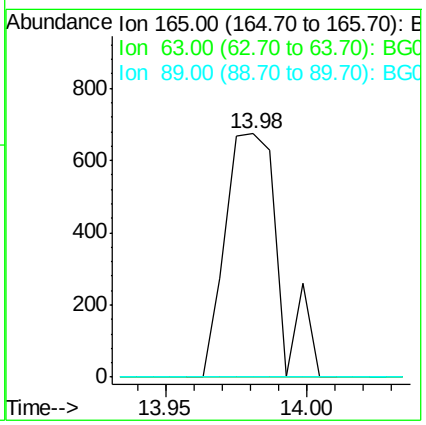


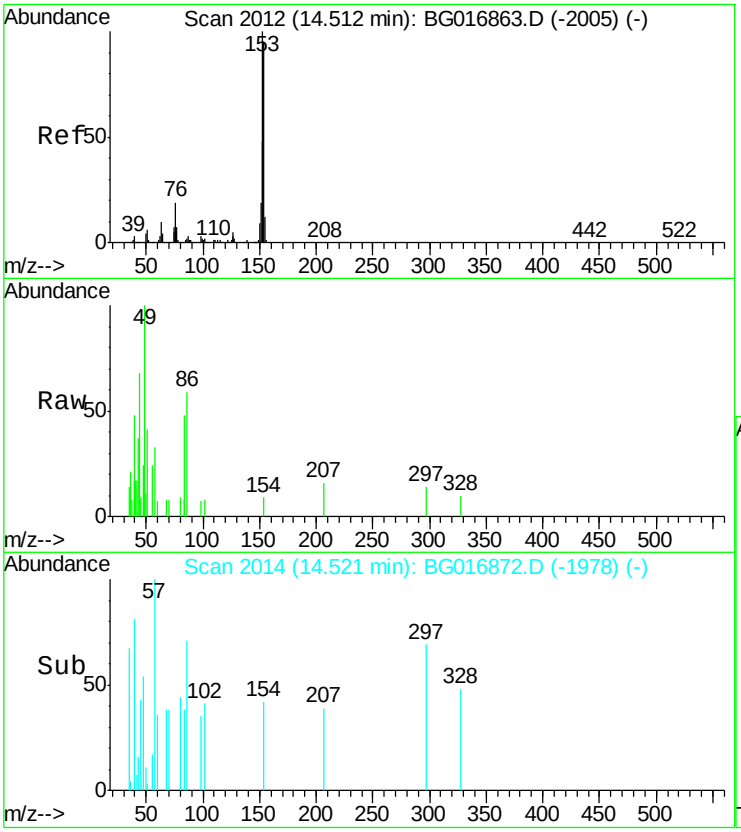


#50
2,6-Dinitrotoluene
Concen: 0.28 ng
RT: 13.98 min Scan# 1922
Delta R.T. -0.04 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:165 Resp: 882

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.9	76.3#
89	0.0	51.4	77.2#



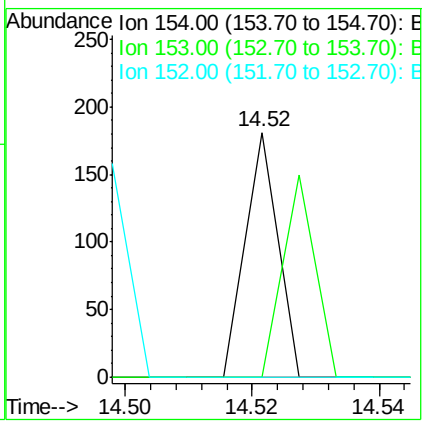


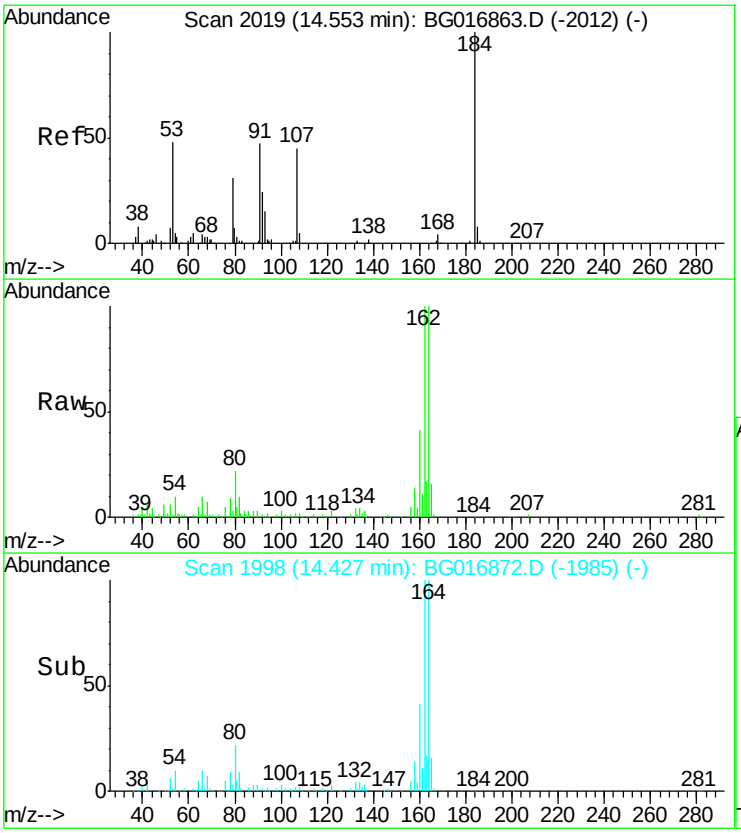
#51
Acenaphthene
Concen: 0.01 ng
RT: 14.52 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:154 Resp: 64

Ion	Ratio	Lower	Upper
154	100		
153	0.0	84.2	126.4#
152	0.0	40.2	60.2#

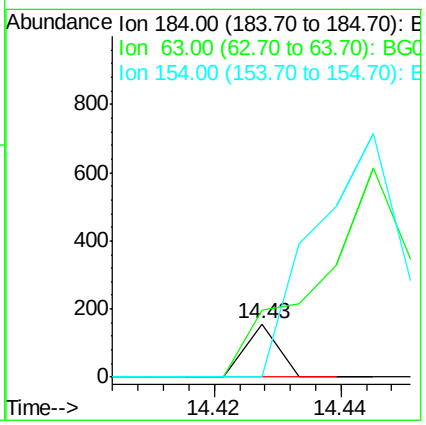


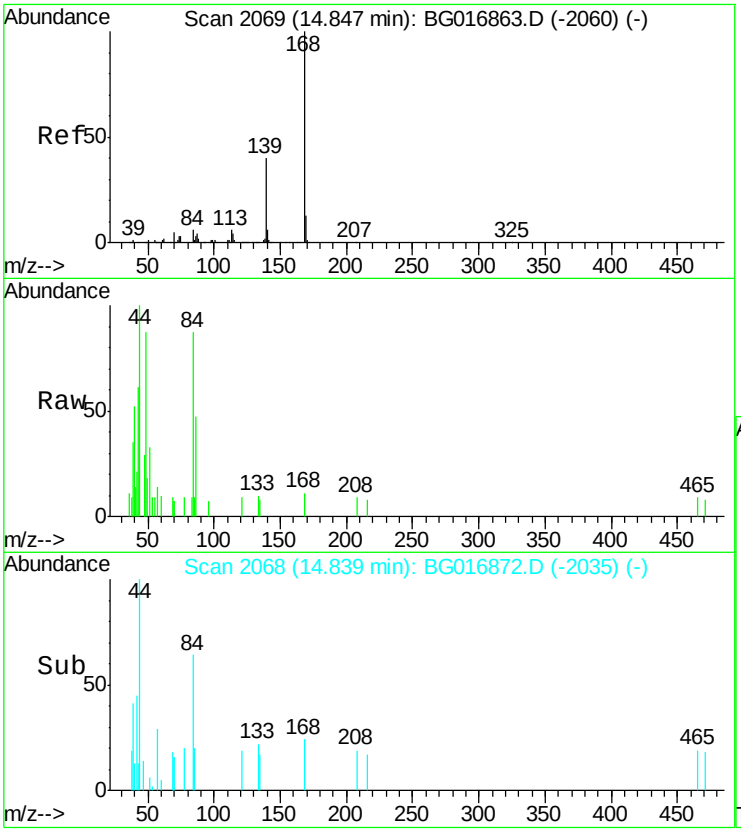


#53
2,4-Dinitrophenol
Concen: 0.04 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.13 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	125.5	53.4	80.0#
154	0.0	41.0	61.6#



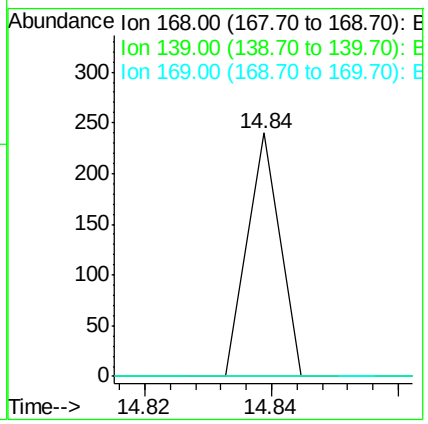


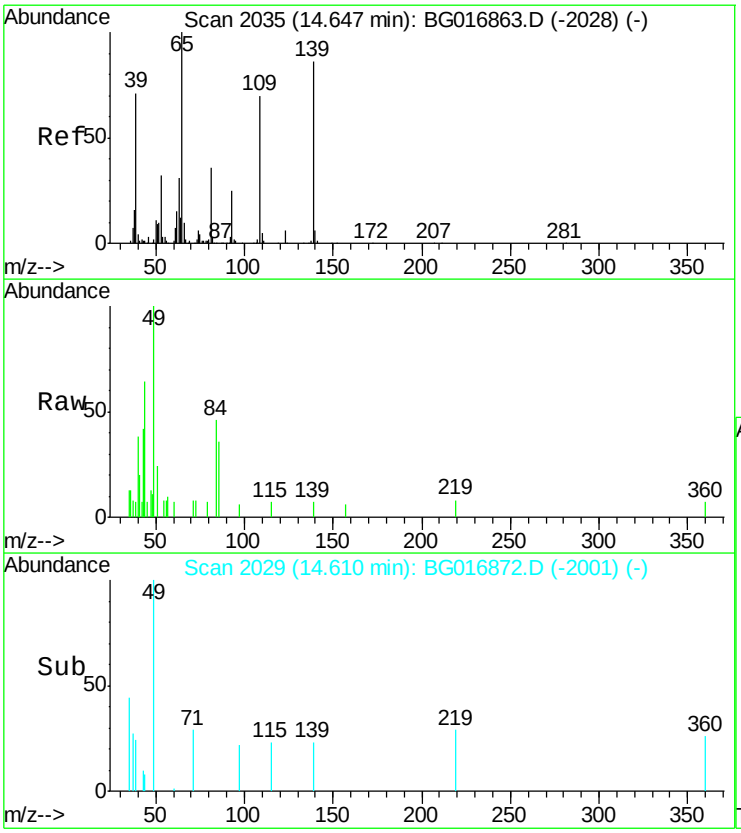
#54
Dibenzofuran
Concen: 0.00 ng
RT: 14.84 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:168 Resp: 85

Ion	Ratio	Lower	Upper
168	100		
139	0.0	32.5	48.7#
169	0.0	10.4	15.6#

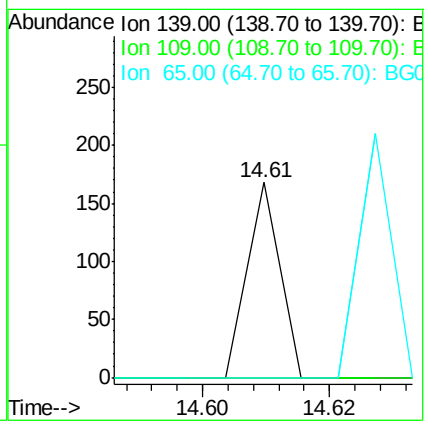


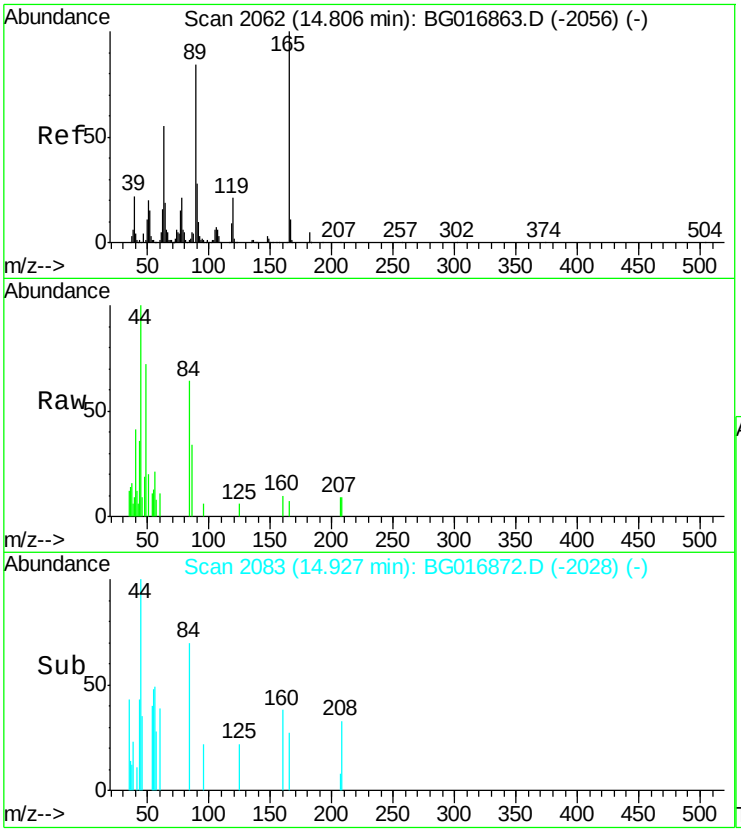


#55
4-Nitrophenol
Concen: 0.02 ng
RT: 14.61 min Scan# 2029
Delta R.T. -0.04 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:139 Resp: 59

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.8	101.8#
65	0.0	96.8	136.8#



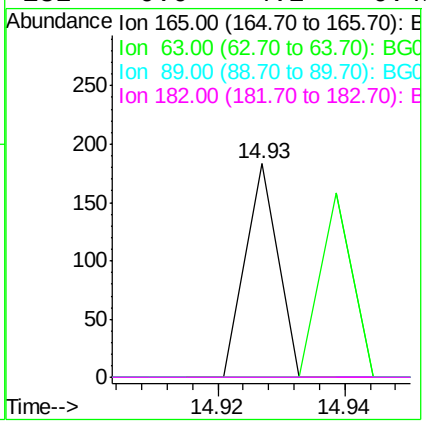


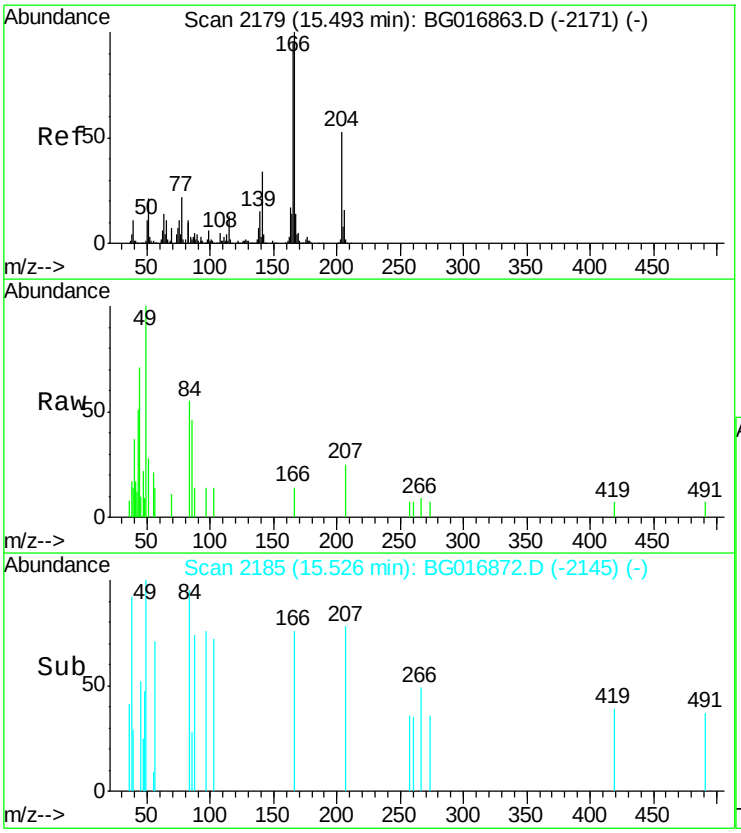
#56
2,4-Dinitrotoluene
Concen: 0.02 ng
RT: 14.93 min Scan# 2083
Delta R.T. 0.12 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:165 Resp: 65

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.2	66.4#
89	0.0	67.2	100.8#
182	0.0	4.2	6.4#

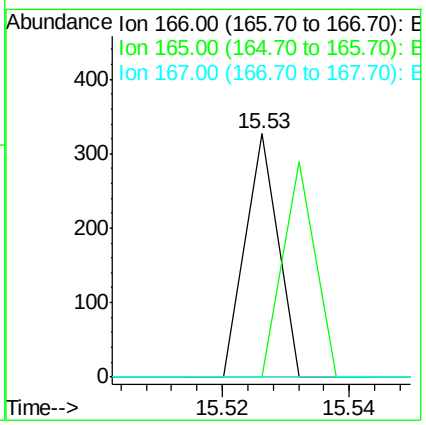


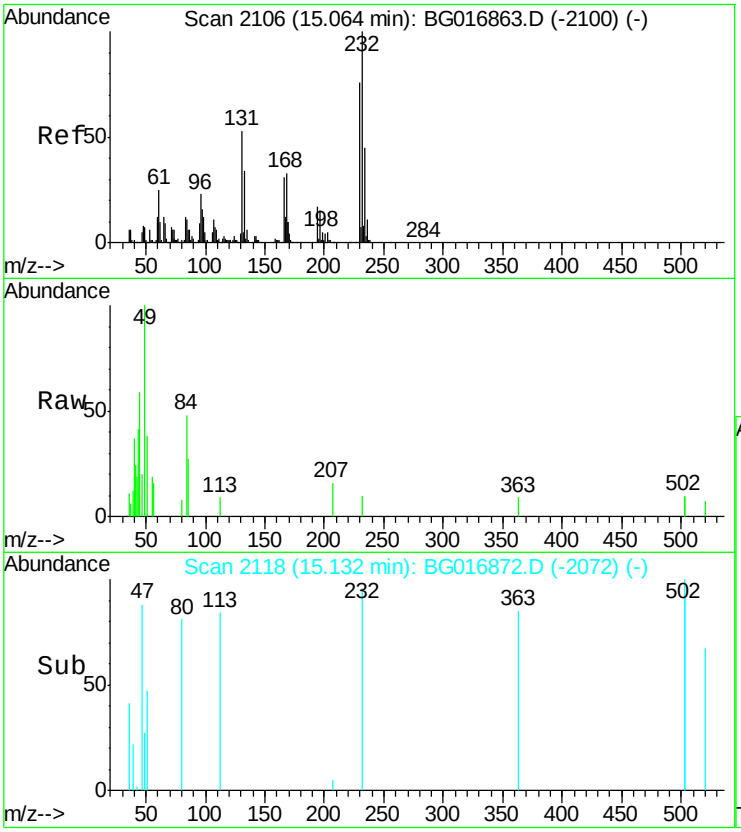


#57
Fluorene
Concen: 0.01 ng
RT: 15.53 min Scan# 2185
Delta R.T. 0.03 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:166 Resp: 115

Ion	Ratio	Lower	Upper
166	100		
165	0.0	76.1	114.1#
167	0.0	11.4	17.2#



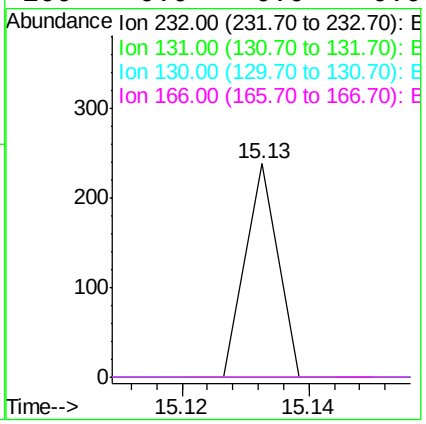


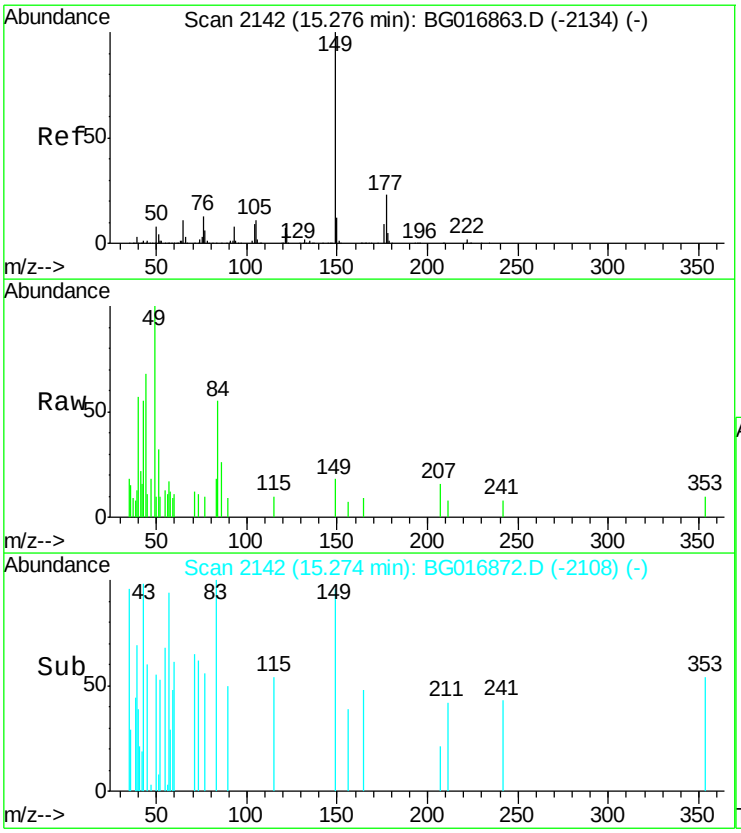
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.02 ng
RT: 15.13 min Scan# 2118
Delta R.T. 0.07 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:232 Resp: 84

Ion	Ratio	Lower	Upper
232	100		
131	0.0	0.1	0.1#
130	0.0	0.0	0.0
166	0.0	0.0	0.0

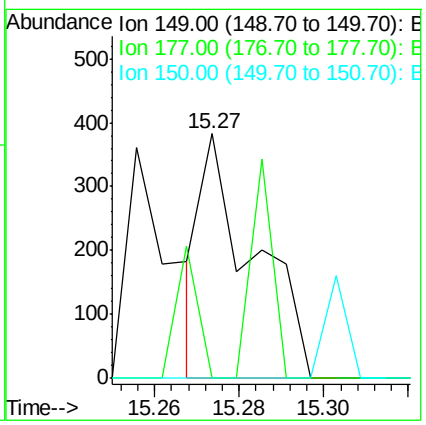


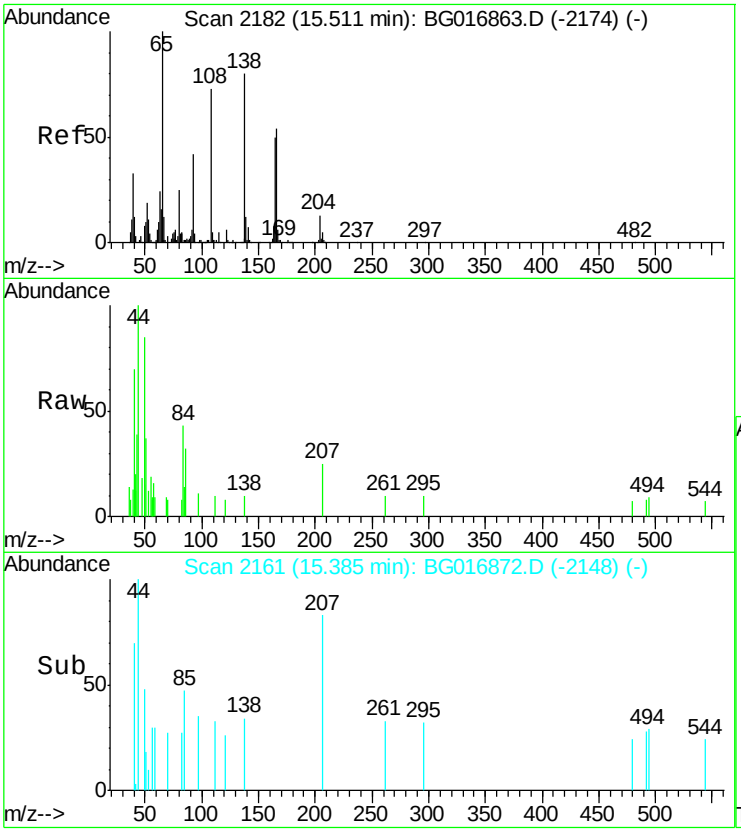


#59
Diethylphthalate
Concen: 0.02 ng
RT: 15.27 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:149 Resp: 327

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.6	27.8#
150	0.0	9.8	14.8#



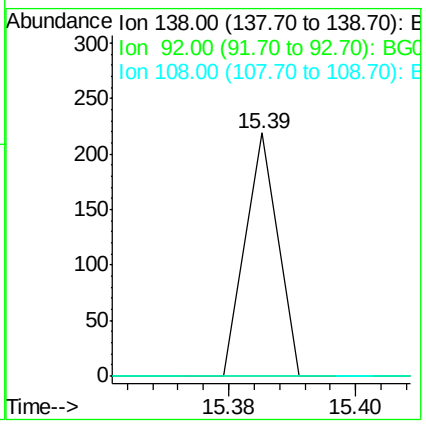


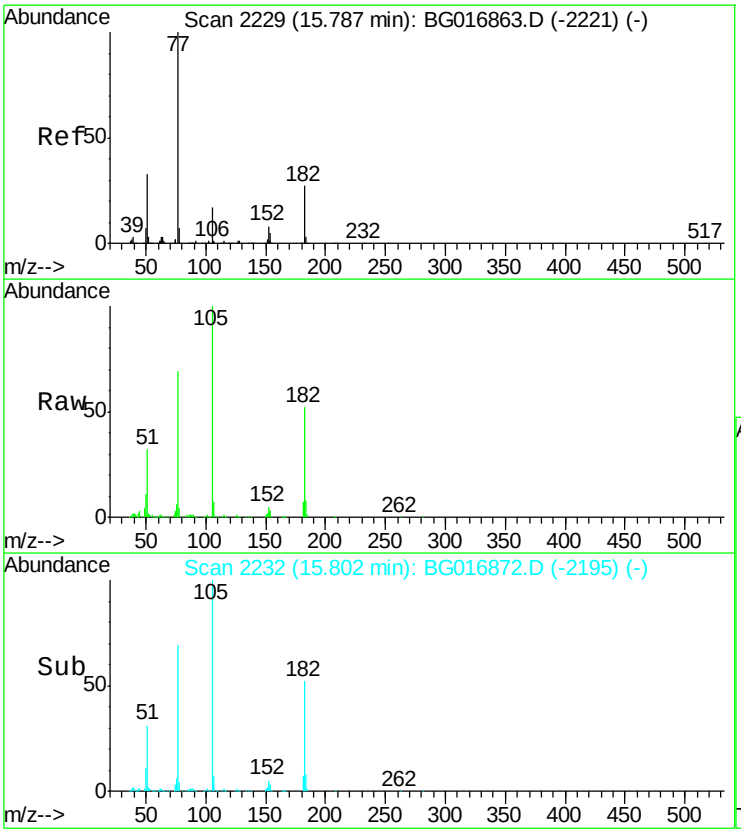
#61
4-Nitroaniline
Concen: 0.02 ng
RT: 15.39 min Scan# 2161
Delta R.T. -0.13 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:138 Resp: 77

Ion	Ratio	Lower	Upper
138	100		
92	0.0	31.8	71.8#
108	0.0	70.6	110.6#

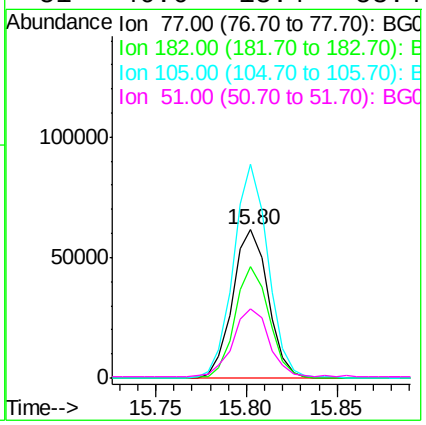


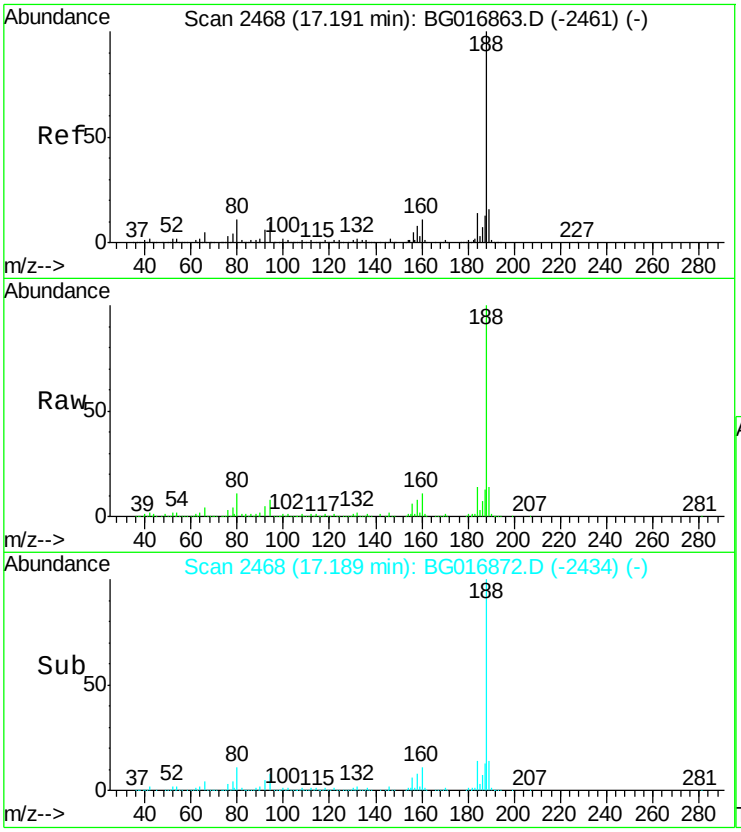


#62
Azobenzene
Concen: 5.02 ng
RT: 15.80 min Scan# 2232
Delta R.T. 0.02 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion: 77 Resp: 83782

Ion	Ratio	Lower	Upper
77	100		
182	74.8	7.4	47.4#
105	144.1	0.0	36.6#
51	46.6	13.4	53.4



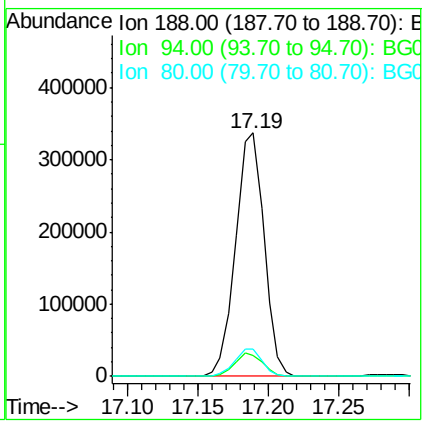


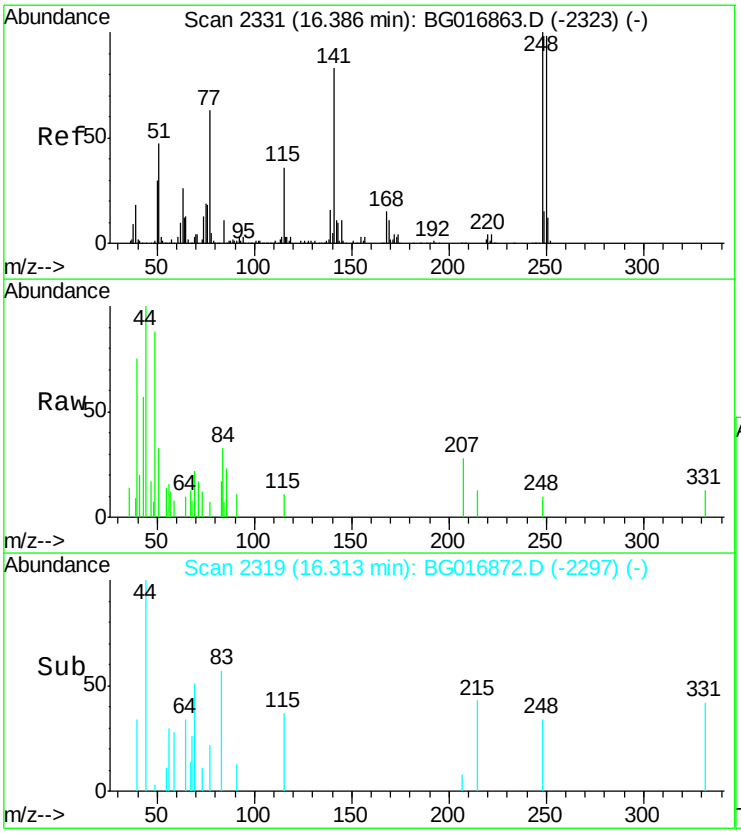
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:188 Resp: 474321

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.4
80	11.1	8.8	13.2

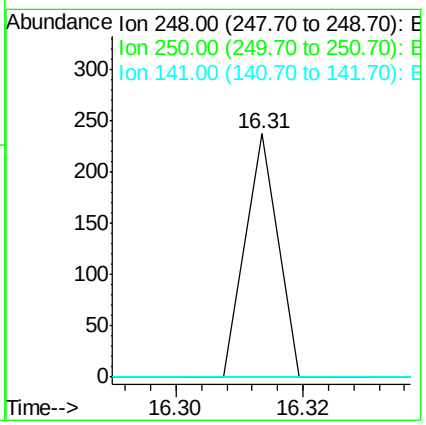


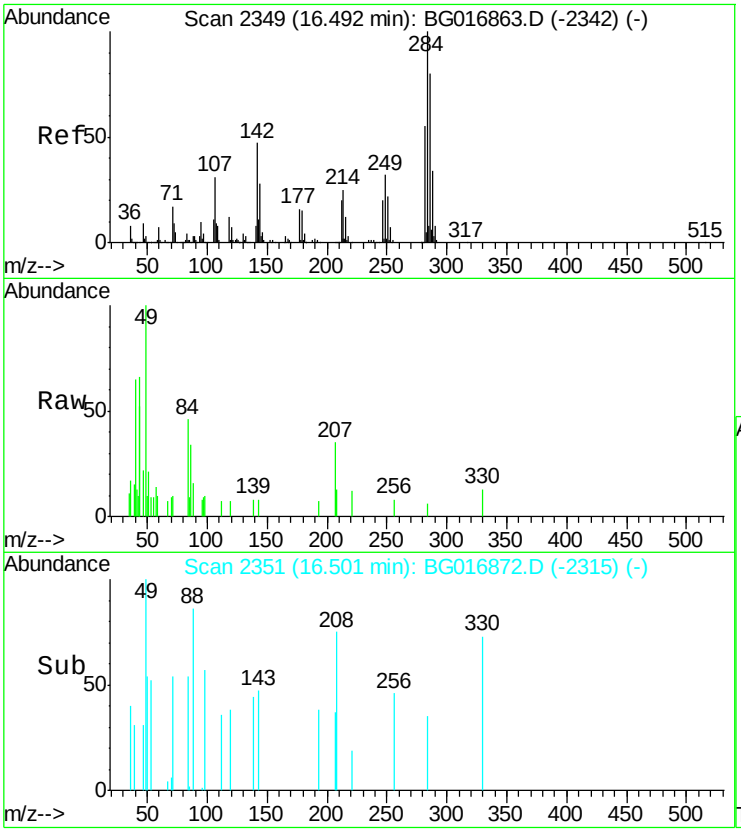


#66
4-Bromophenyl-phenylether
Concen: 0.02 ng
RT: 16.31 min Scan# 2319
Delta R.T. -0.07 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:248 Resp: 84

Ion	Ratio	Lower	Upper
248	100		
250	0.0	78.6	117.8#
141	0.0	66.3	99.5#



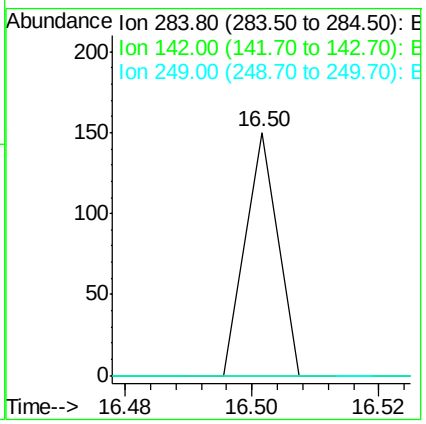


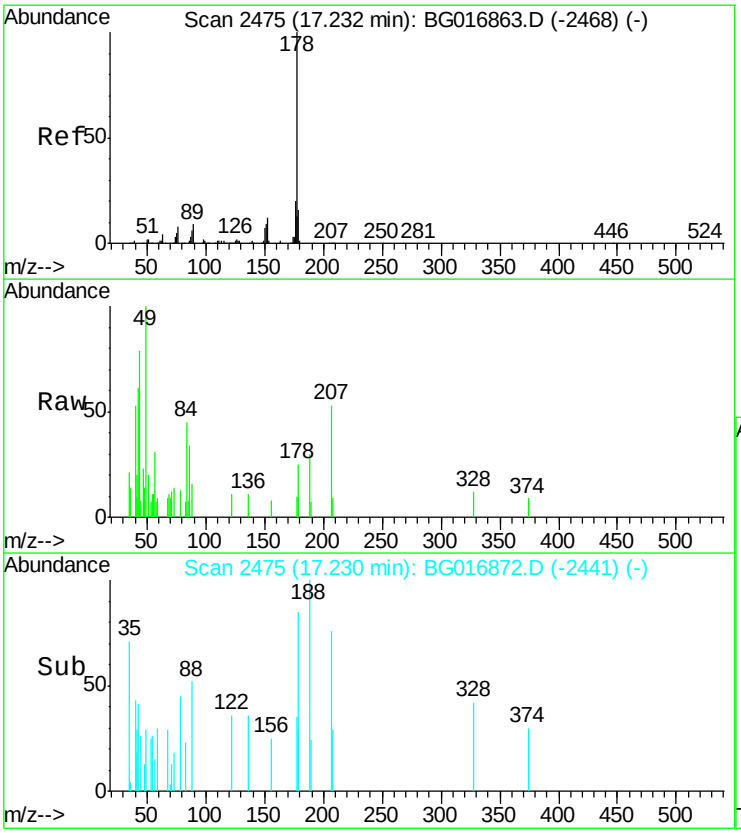
#67
Hexachlorobenzene
Concen: 0.01 ng
RT: 16.50 min Scan# 2351
Delta R.T. 0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:284 Resp: 53

Ion	Ratio	Lower	Upper
284	100		
142	0.0	37.4	56.0#
249	0.0	25.5	38.3#

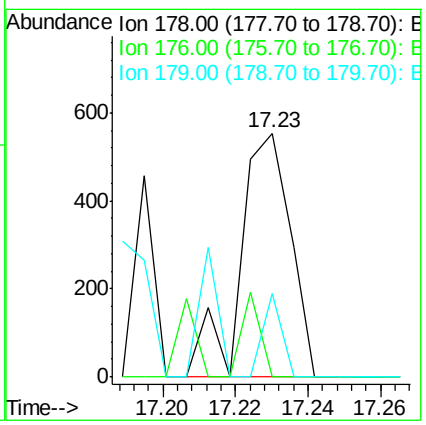


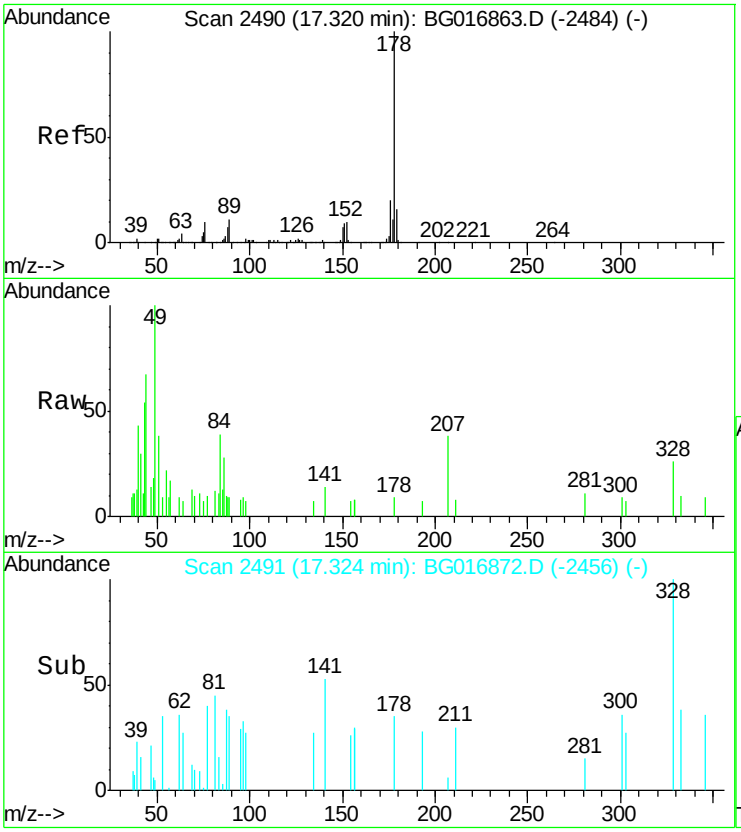


#70
Phenanthrene
Concen: 0.02 ng
RT: 17.23 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:178 Resp: 529

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	34.4	13.0	19.6#



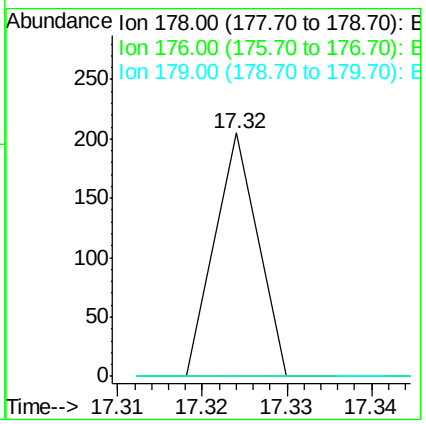


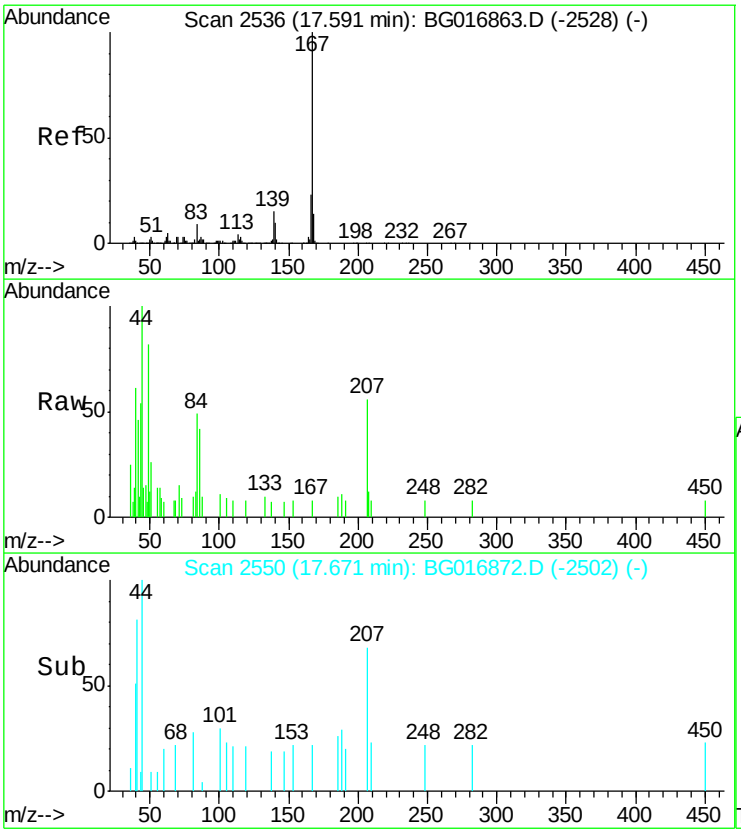
#71
Anthracene
Concen: 0.00 ng
RT: 17.32 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:178 Resp: 72

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.2	24.4#
179	0.0	13.1	19.7#

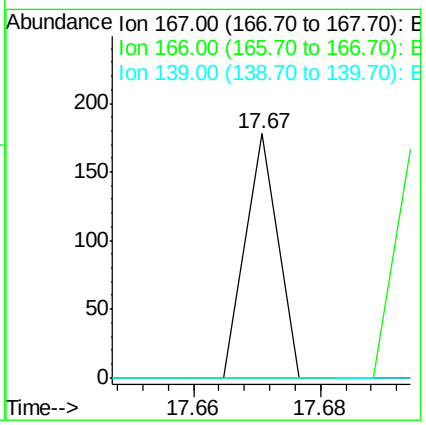


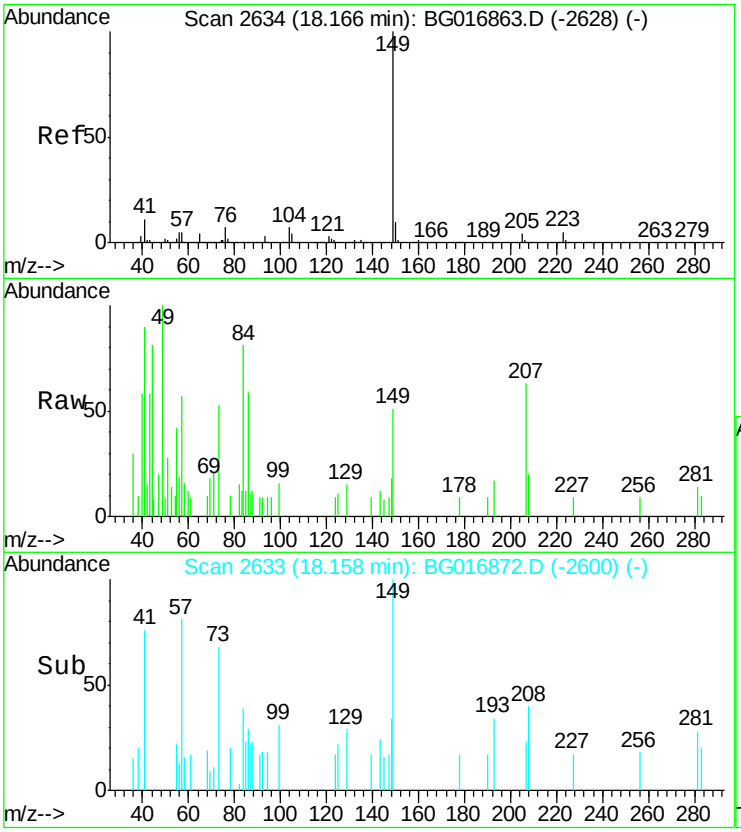


#72
Carbazole
Concen: 0.00 ng
RT: 17.67 min Scan# 2550
Delta R.T. 0.08 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:167 Resp: 63

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.4	27.6#
139	0.0	12.2	18.4#



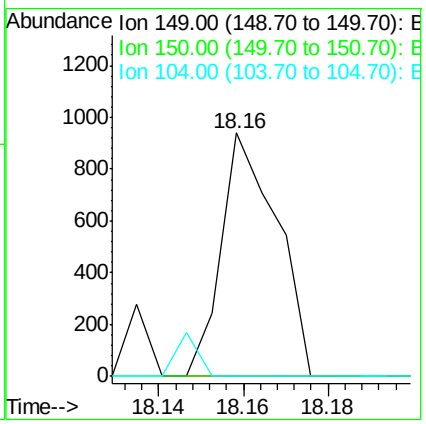


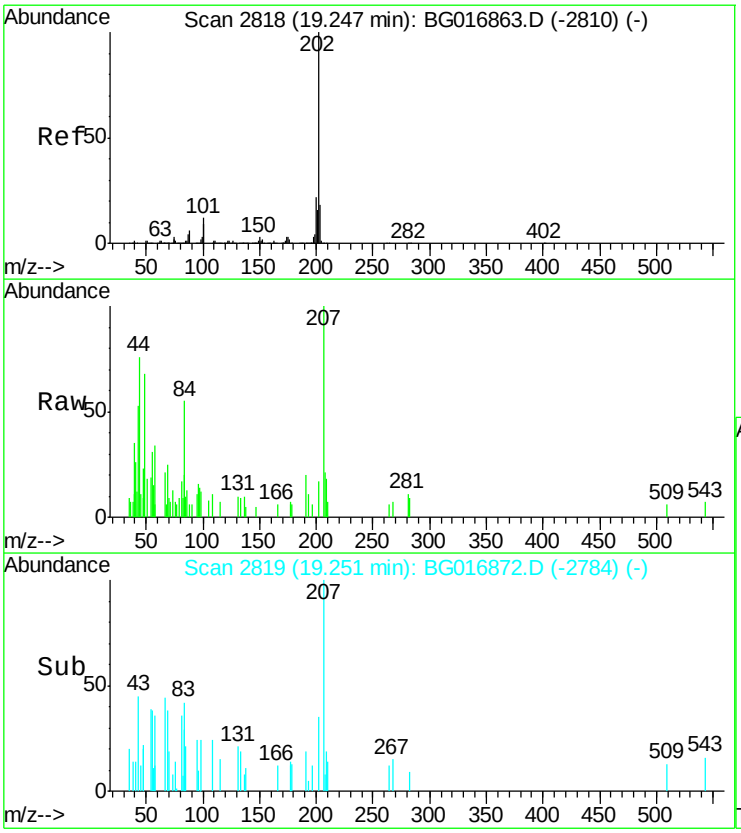
#73
Di-n-butylphthalate
Concen: 0.03 ng
RT: 18.16 min Scan# 2633
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:149 Resp: 859

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.7	11.5#
104	0.0	5.4	8.0#

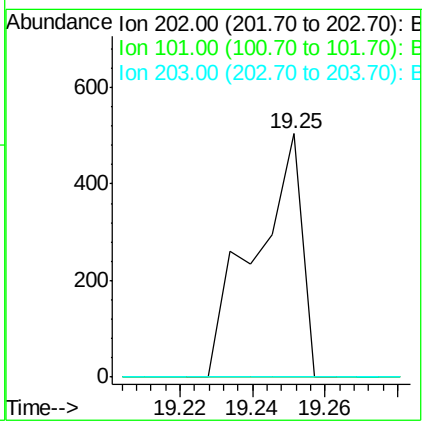


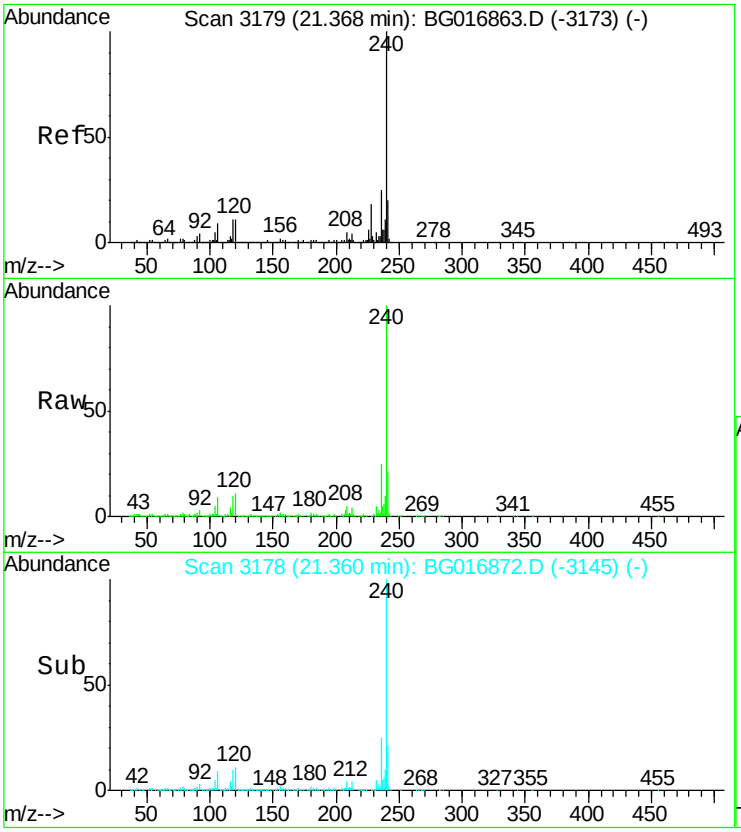


#74
Fluoranthene
Concen: 0.02 ng
RT: 19.25 min Scan# 2819
Delta R.T. 0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:202 Resp: 456

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.5
203	0.0	0.0	38.1



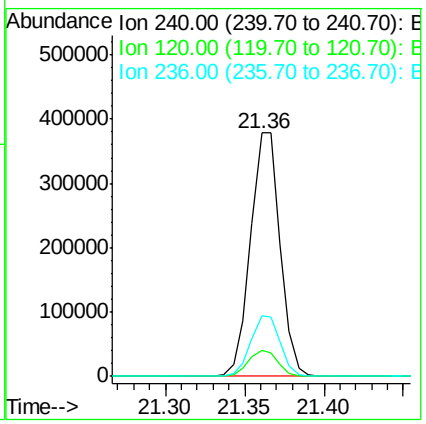


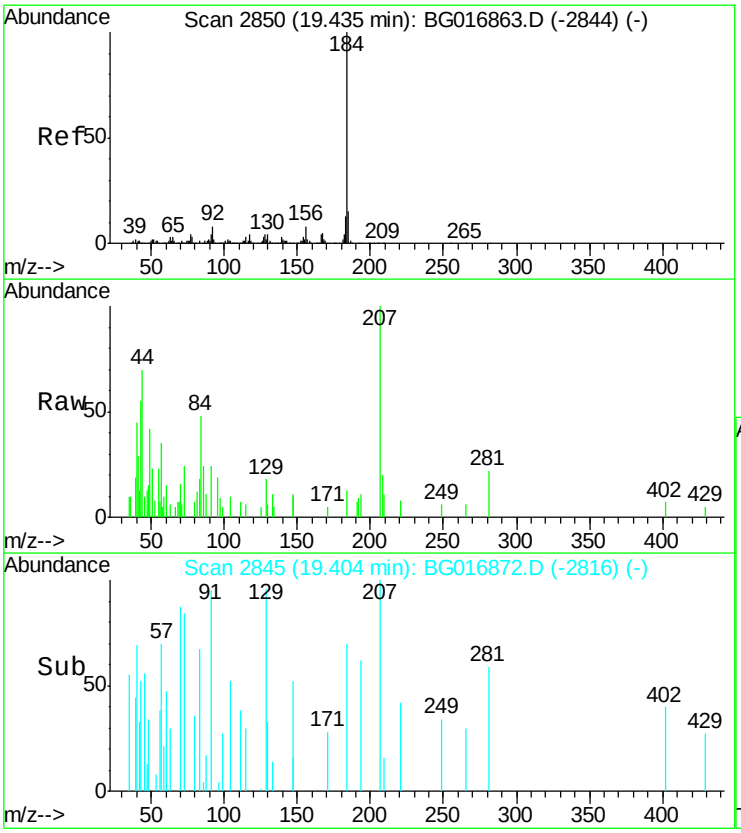
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:240 Resp: 491584

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.1	13.7
236	24.8	20.2	30.4

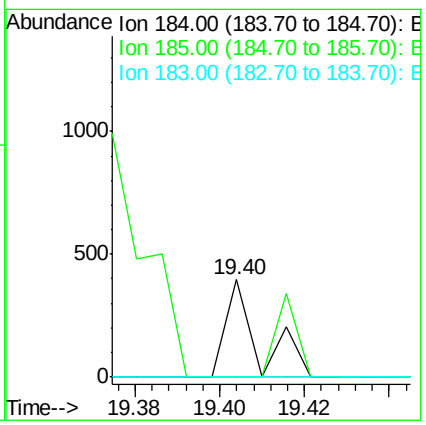


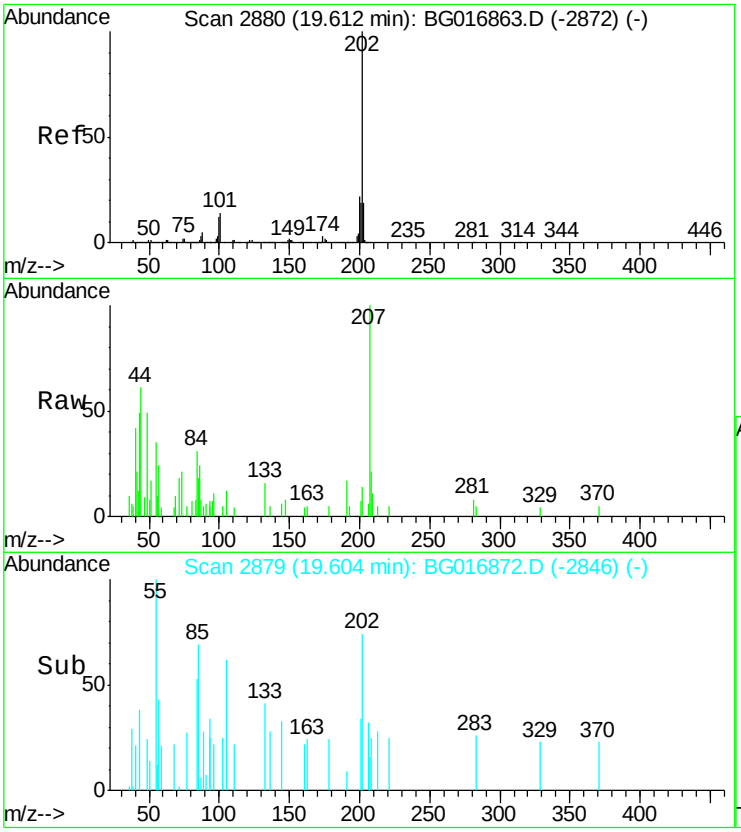


#76
Benzidine
Concen: 0.01 ng
RT: 19.40 min Scan# 2845
Delta R.T. -0.03 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:184 Resp: 211

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.8	17.6#
183	0.0	10.6	15.8#



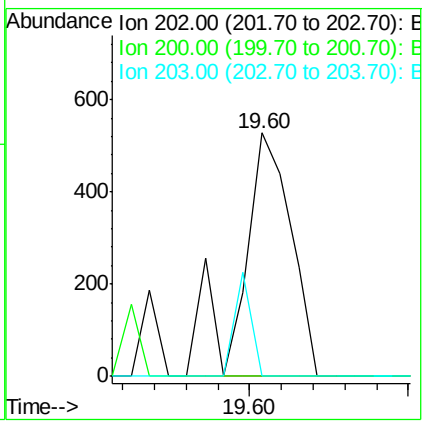


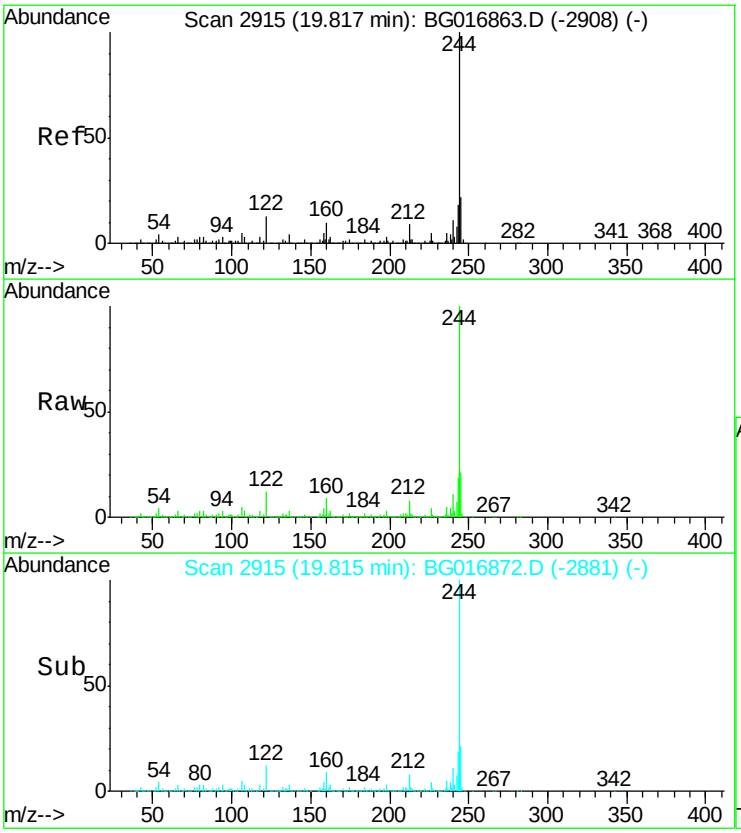
#77
Pyrene
Concen: 0.02 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:202 Resp: 578

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.9	26.9#
203	0.0	15.2	22.8#

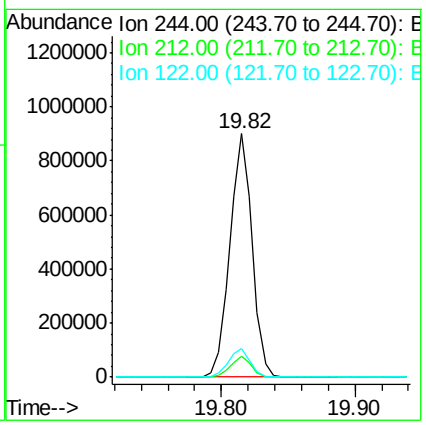


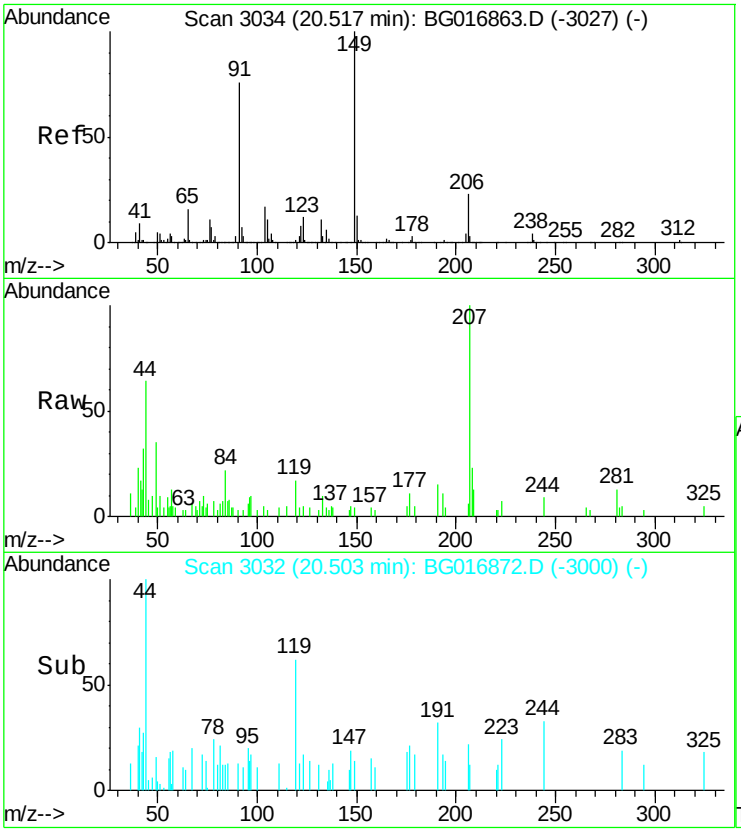


#78
Terphenyl-d14
Concen: 49.94 ng
RT: 19.82 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:244 Resp: 1047142

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	11.7	10.4	15.6



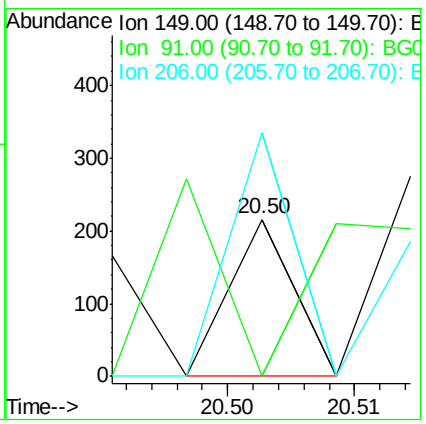


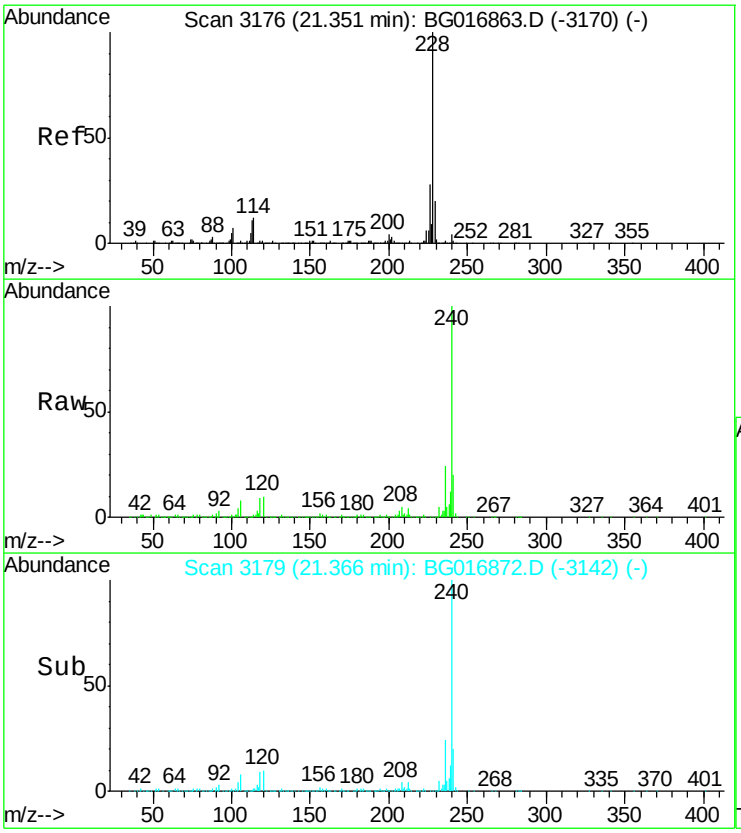
#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 20.50 min Scan# 3032
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:149 Resp: 76

Ion	Ratio	Lower	Upper
149	100		
91	0.0	60.6	91.0#
206	155.1	18.4	27.6#

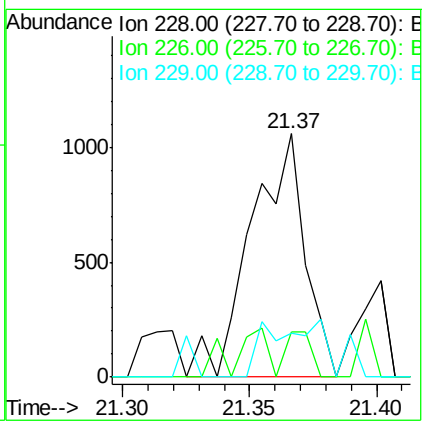


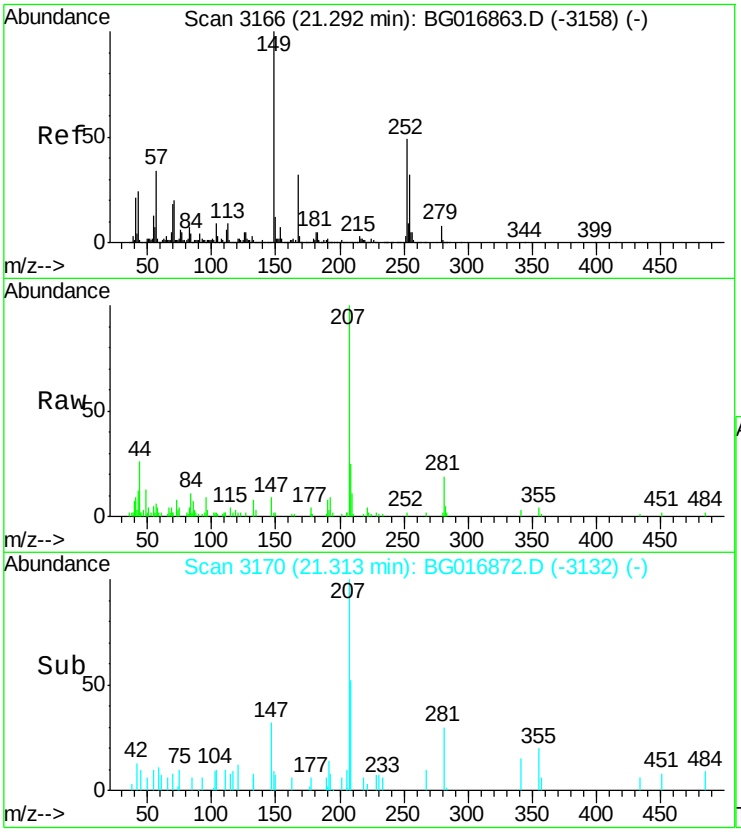


#80
Benzo(a)anthracene
Concen: 0.06 ng
RT: 21.37 min Scan# 3179
Delta R.T. 0.02 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:228 Resp: 1570

Ion	Ratio	Lower	Upper
228	100		
226	18.5	22.7	34.1#
229	17.9	16.1	24.1



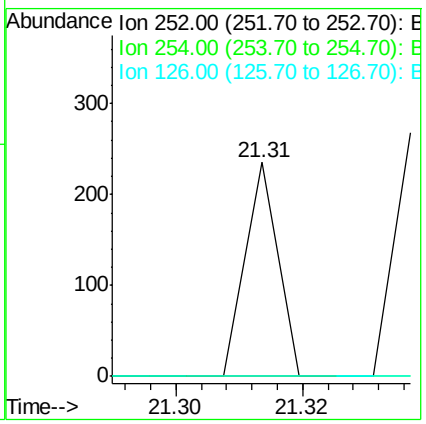


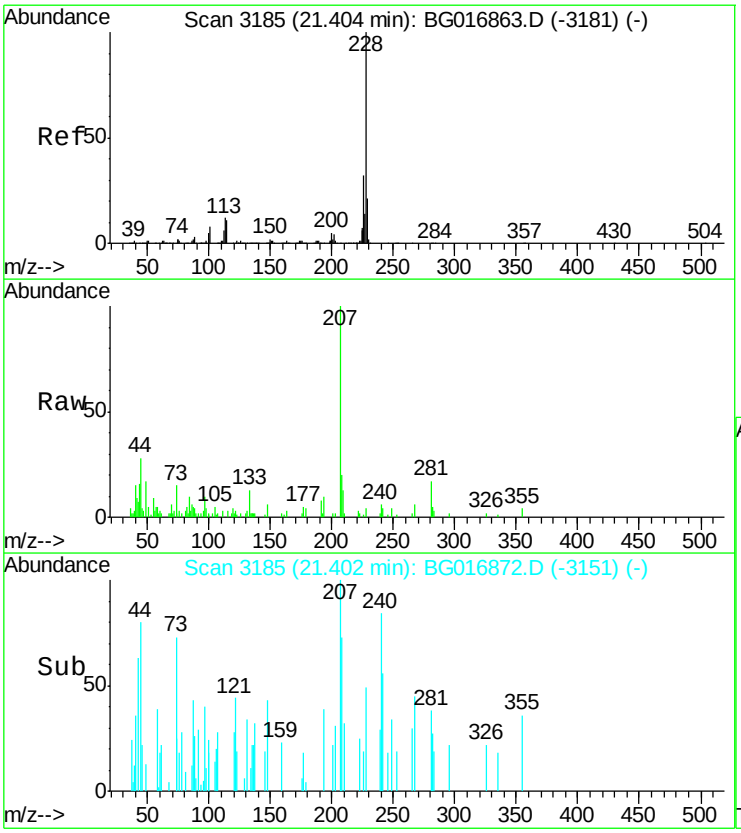
#81
3,3'-Dichlorobenzidine
Concen: 0.01 ng
RT: 21.31 min Scan# 3170
Delta R.T. 0.02 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:252 Resp: 83

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.7	77.5#
126	0.0	8.9	13.3#

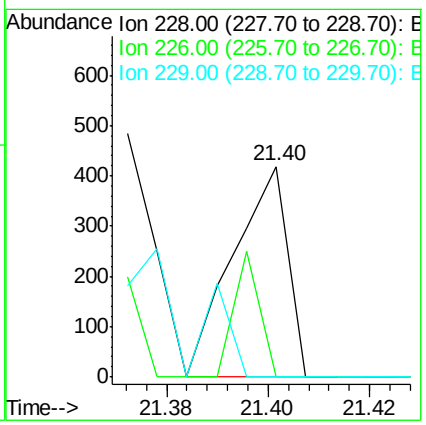


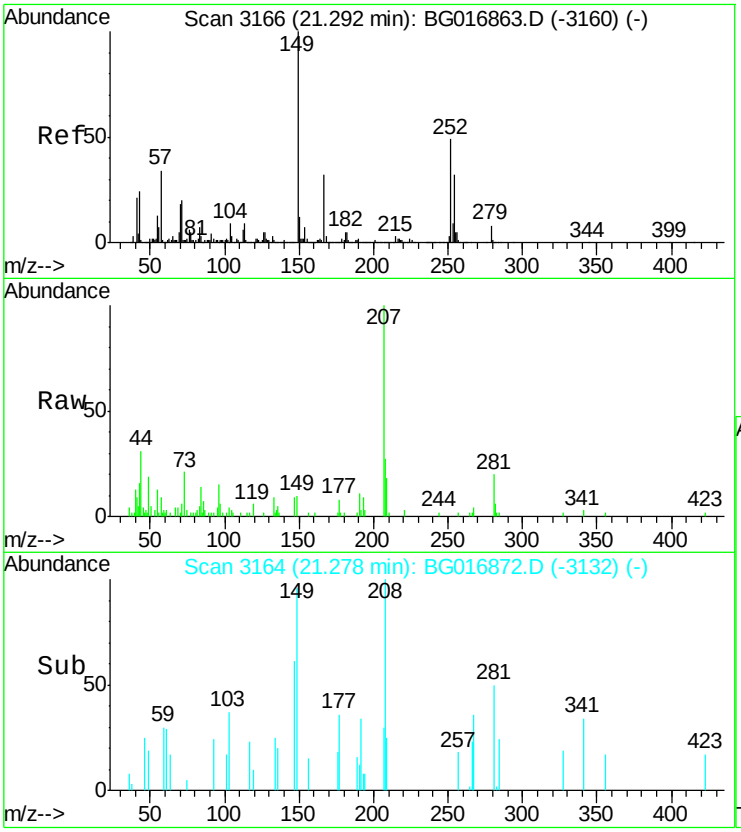


#82
Chrysene
Concen: 0.01 ng
RT: 21.40 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:228 Resp: 316

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	0.0	16.5	24.7#



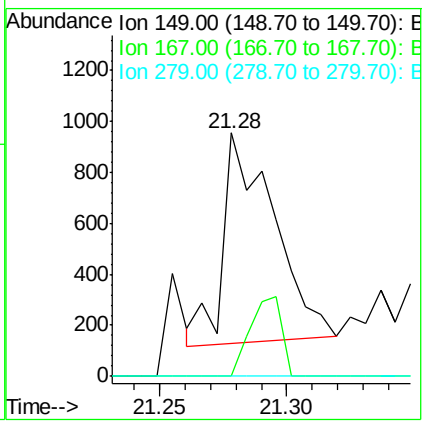


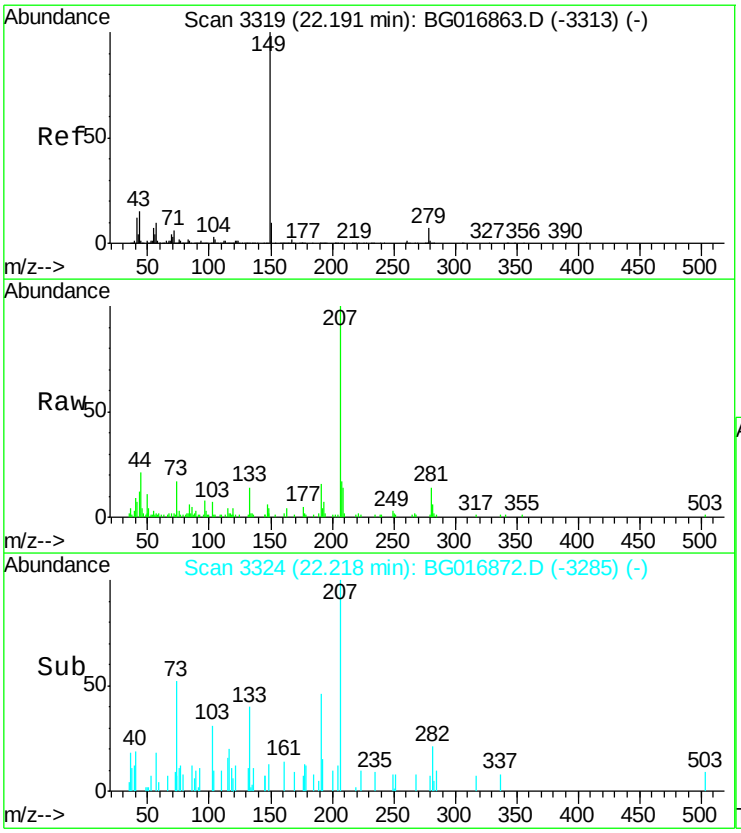
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.28 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:149 Resp: 1161

Ion	Ratio	Lower	Upper
149	100		
167	0.0	25.4	38.0#
279	0.0	6.4	9.6#

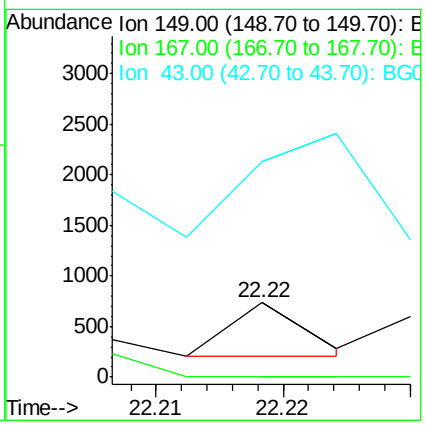


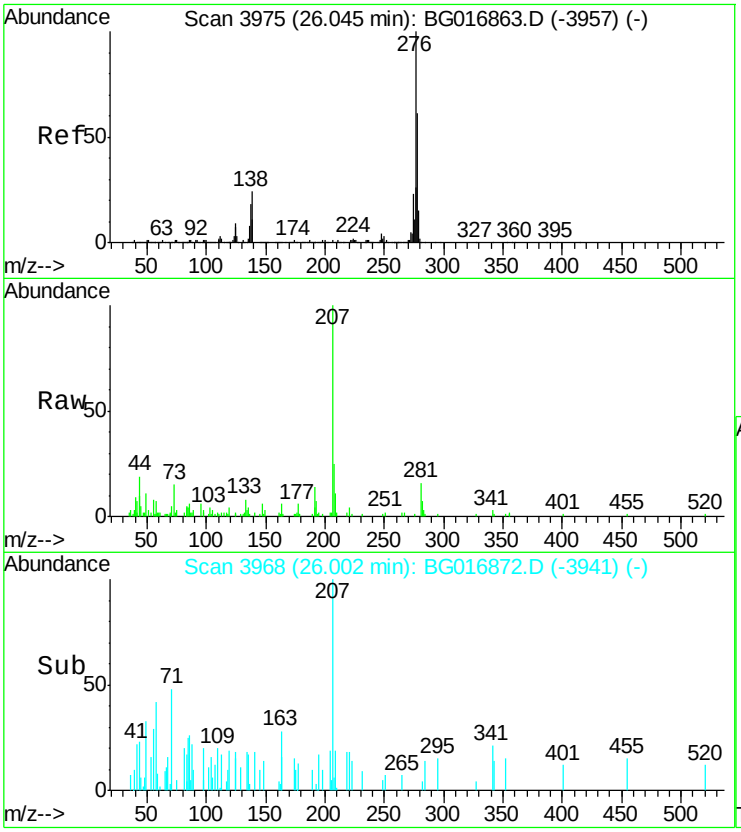


#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 22.22 min Scan# 3324
Delta R.T. 0.03 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:149 Resp: 215

Ion	Ratio	Lower	Upper
149	100		
167	39.1	0.0	0.0#
43	619.5	0.0	0.0#



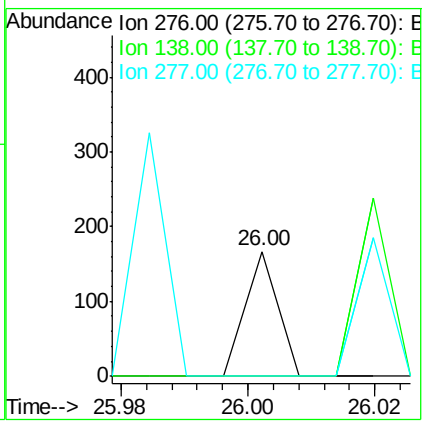


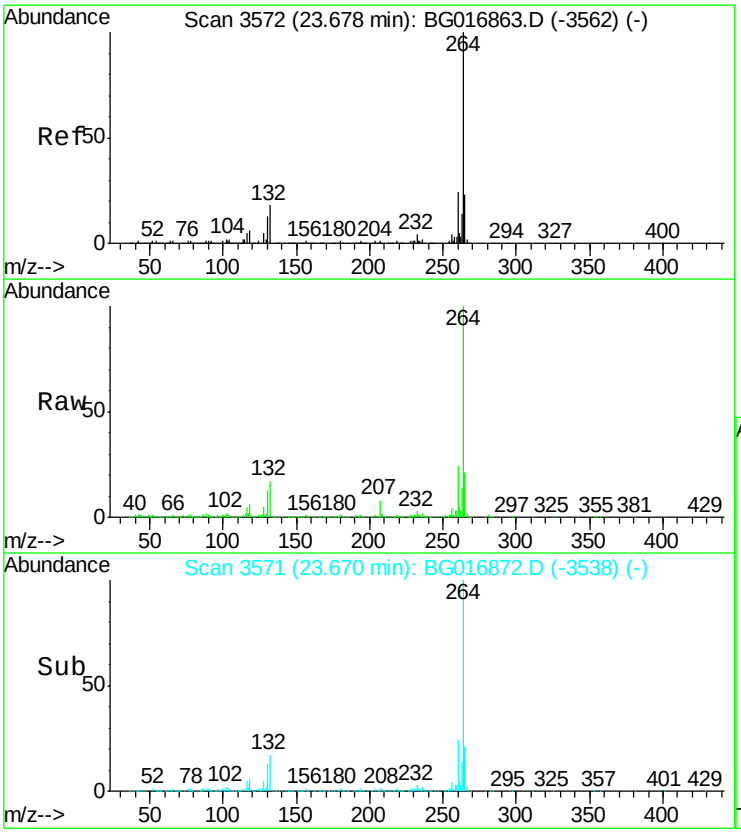
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.00 min Scan# 3968
Delta R.T. -0.04 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:276 Resp: 59

Ion	Ratio	Lower	Upper
276	100		
138	142.4	0.0	0.0#
277	110.2	0.0	0.0#

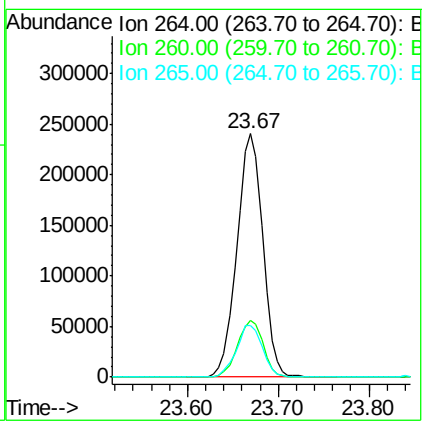


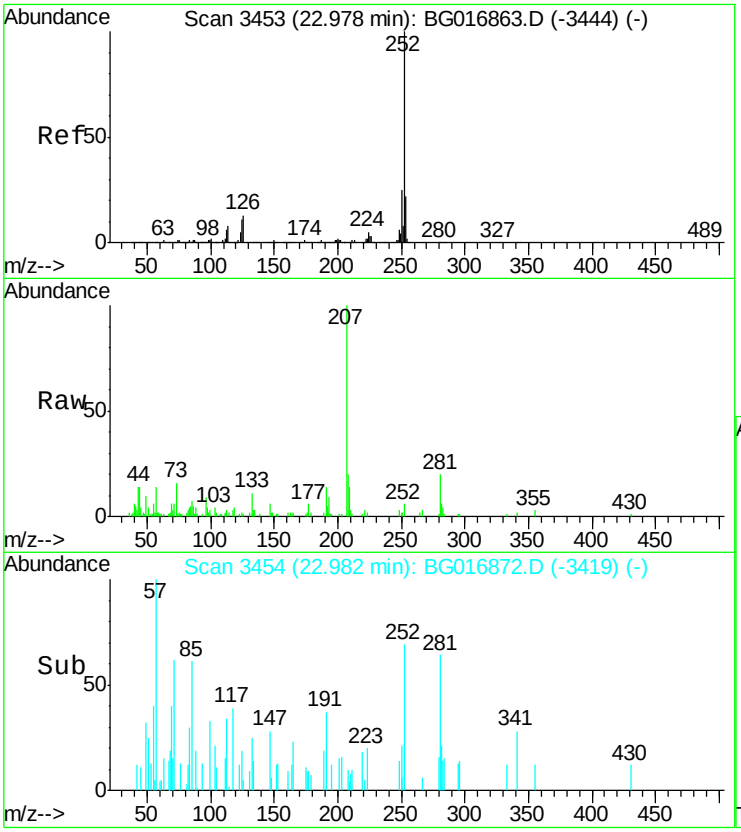


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.67 min Scan# 3571
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:264 Resp: 476750

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.3	18.5	27.7



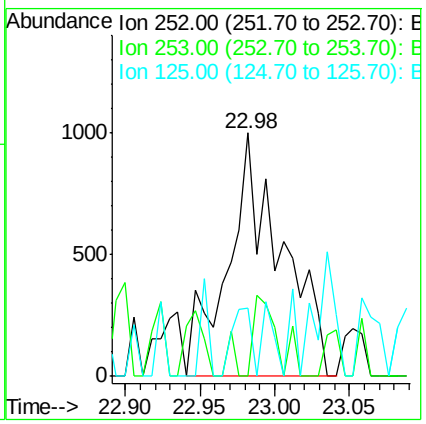


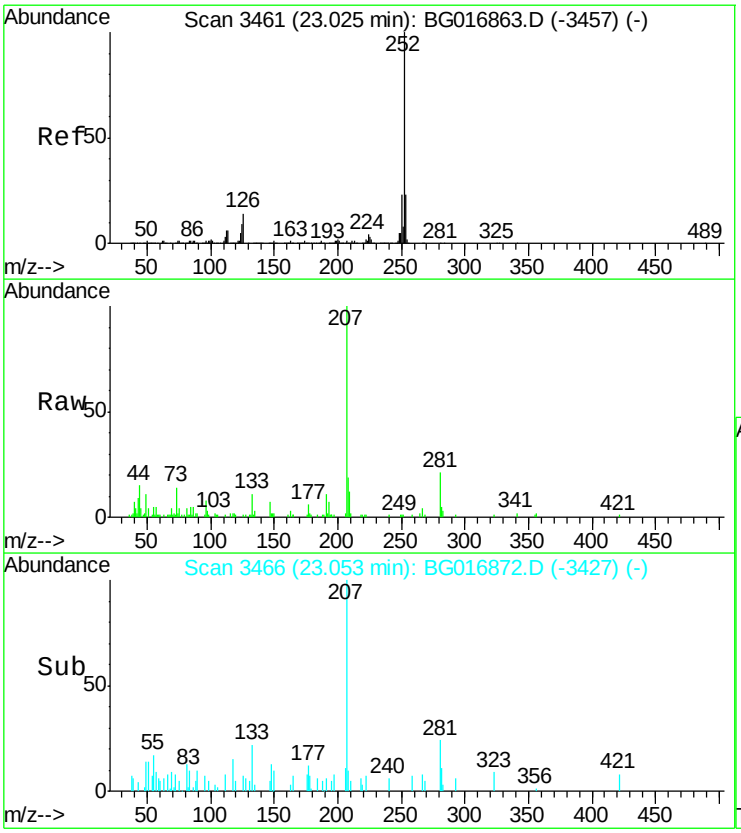
#87
Benzo(b)fluoranthene
Concen: 0.09 ng
RT: 22.98 min Scan# 3454
Delta R.T. 0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:252 Resp: 2494

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#
125	28.1	8.6	13.0#

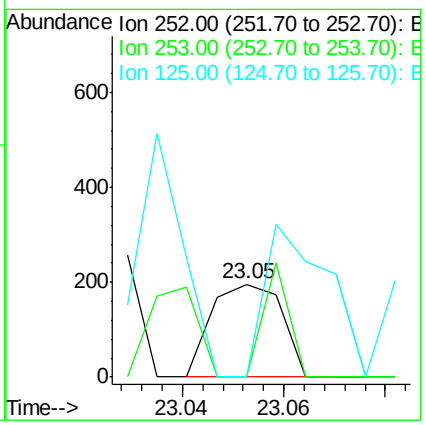


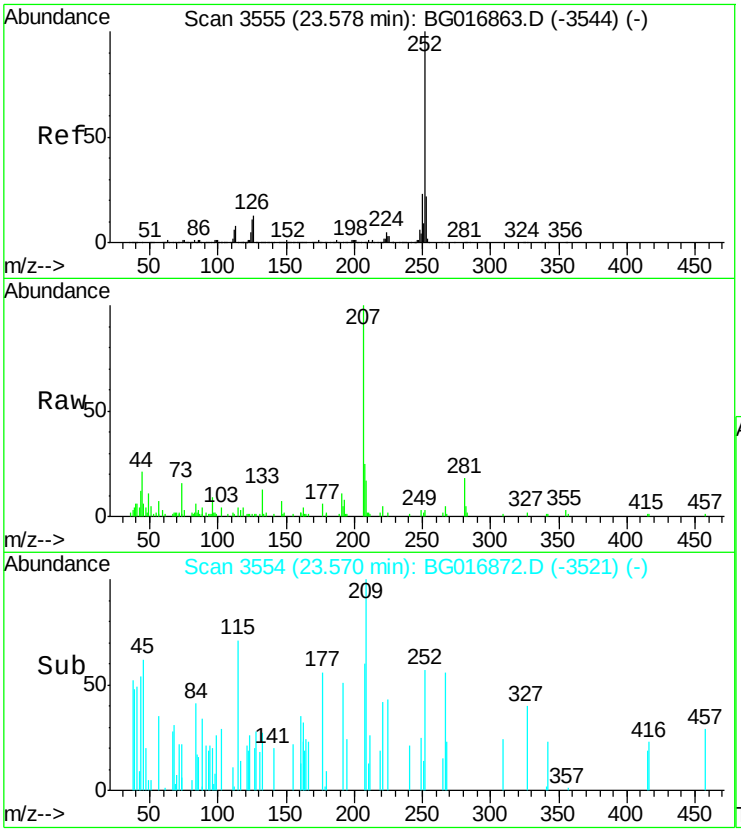


#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 23.05 min Scan# 3466
Delta R.T. 0.03 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:252 Resp: 190

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.4	27.6#
125	0.0	7.9	11.9#



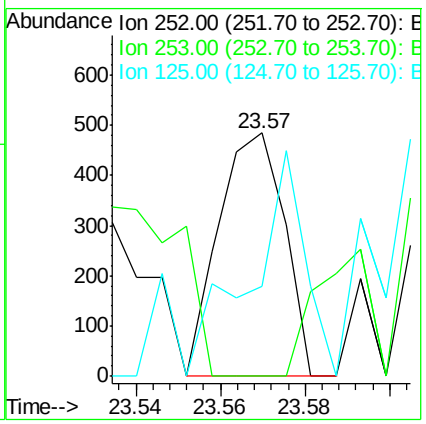


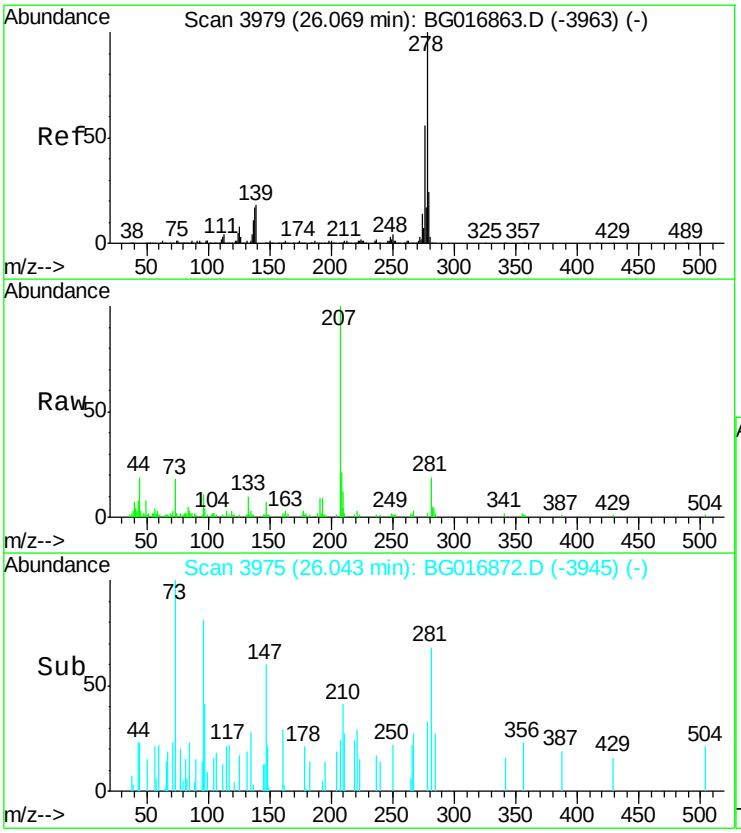
#89
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.57 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:252 Resp: 523

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	36.9	8.5	12.7#

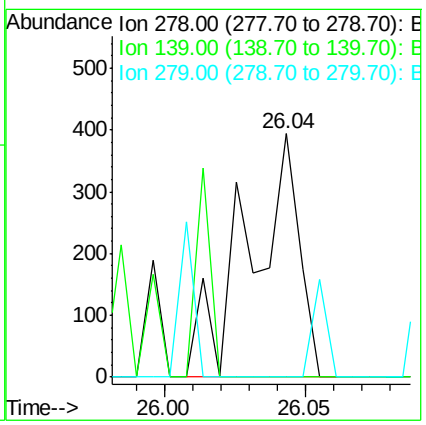


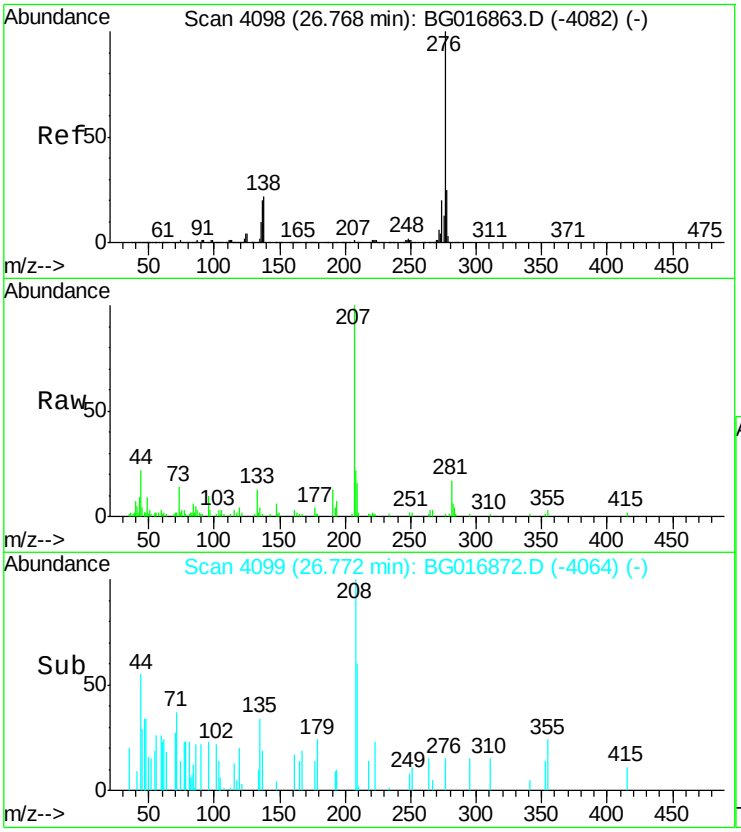


#90
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 26.04 min Scan# 3975
Delta R.T. -0.03 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Tgt Ion:278 Resp: 490

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.2	21.2#
279	0.0	18.9	28.3#





#91
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.77 min Scan# 4099
Delta R.T. 0.00 min
Lab File: BG016872.D
Acq: 5 May 2015 19:06

Instrument :
BNA_G
ClientSampleId :
FS-034

Tgt Ion:276 Resp: 113

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.6	29.4#
138	0.0	17.5	26.3#