Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG010915\
Data File : BG015889.D
Acq On : 10 Jan 2015 4:58
Operator : TP/IZ
Sample : G1044-04
Misc : W
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 10 06:01:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 08:46:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	29338	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	108837	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	81432	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	194862	20.00	ng		0.00
75) Chrysene-d12	21.30	240	253054	20.00	ng		0.00
86) Perylene-d12	23.57	264	209664	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	101747	29.83	ng		0.00
7) Phenol-d6	6.92	99	81502	17.15	ng		0.00
23) Nitrobenzene-d5	8.88	82	254231	45.83	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	202984	65.57	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	518735	45.50	ng		0.00
78) Terphenyl-d14	19.75	244	936101	41.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	4126	5.27	ng	#	52
4) n-Nitrosodimethylamine	3.57	42	3588	3.89	ng	#	1
9) Benzaldehyde	6.88	77	4226	2.64	ng	#	1
10) Phenol	6.95	94	10173	3.93	ng	#	85
11) bis(2-Chloroethyl)ether	7.16	93	8456	4.44	ng		91
12) 1,3-Dichlorobenzene	7.77	146	12527	5.94	ng		93
13) 1,4-Dichlorobenzene	7.77	146	12528	5.82	ng	#	84
14) 1,2-Dichlorobenzene	8.08	146	12153	5.95	ng		92
18) Hexachloroethane	8.83	117	2132	2.15	ng	#	1
20) 3+4-Methylphenols	8.51	107	10464	4.45	ng	#	75
27) 2,4-Dimethylphenol	9.71	122	4352	2.43	ng	#	69
28) bis(2-Chloroethoxy)methane	9.93	93	9320	3.84	ng	#	1
31) Naphthalene	10.56	128	27777	4.82	ng	#	92
32) Benzoic acid	9.80	122	1866	7.64	ng	#	66
36) 4-Chloro-3-methylphenol	11.87	107	72649	30.82	ng	#	27
40) Hexachlorocyclopentadiene	12.54	237	75	3.07	ng	#	26
53) 2,4-Dinitrophenol	14.47	184	80	10.04	ng	#	4
59) Diethylphthalate	15.19	149	15445	2.33	ng	#	94
64) 4,6-Dinitro-2-methylphenol	15.53	198	66	3.59	ng	#	1
69) Pentachlorophenol	16.84	266	134	3.17	ng	#	34

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

Quantitation Report (Not Reviewed)

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Acq On : 10 Jan 2015 4:58
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Misc : W
ALS Vial : 25 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 08:46:19 2015
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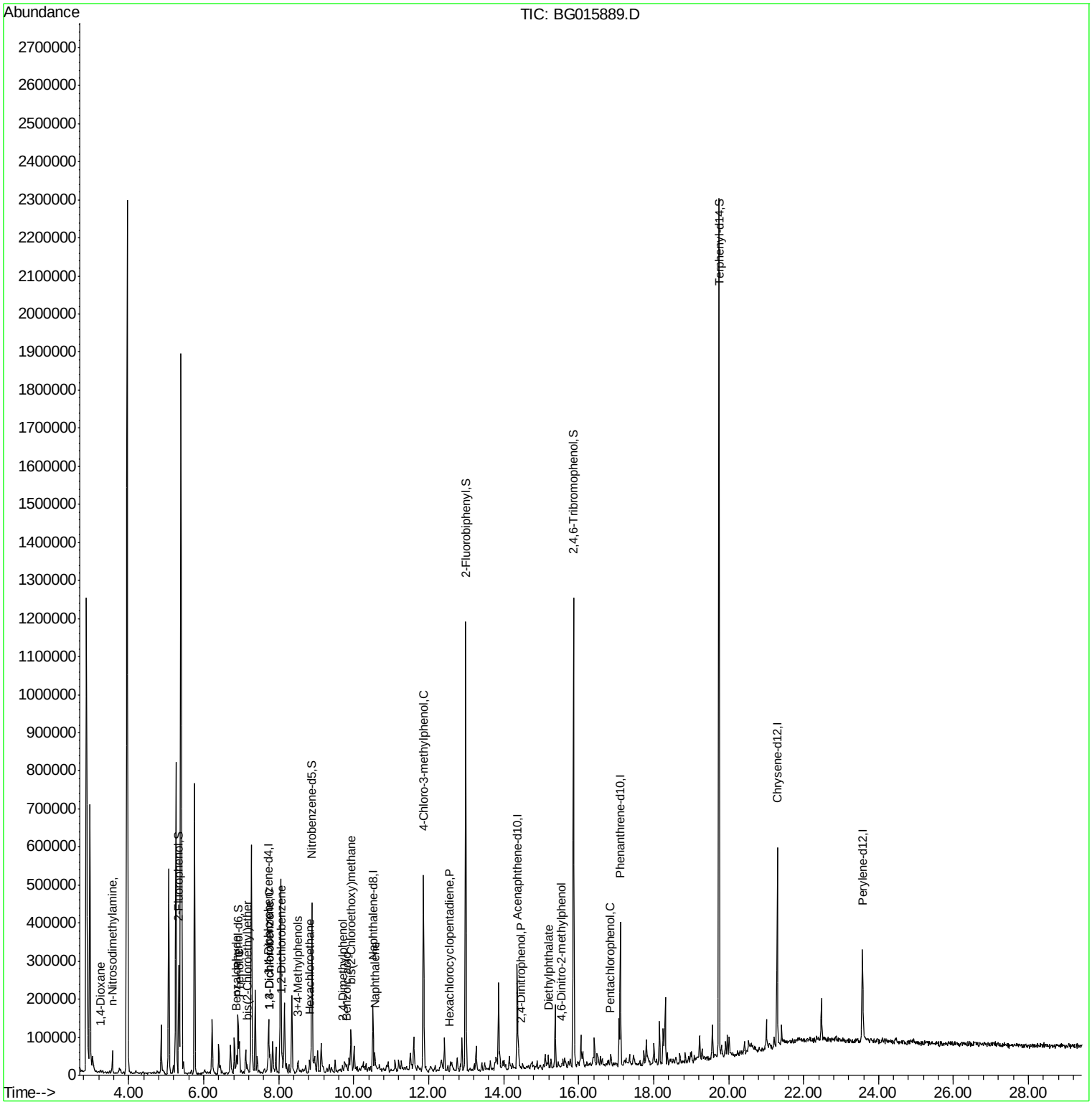
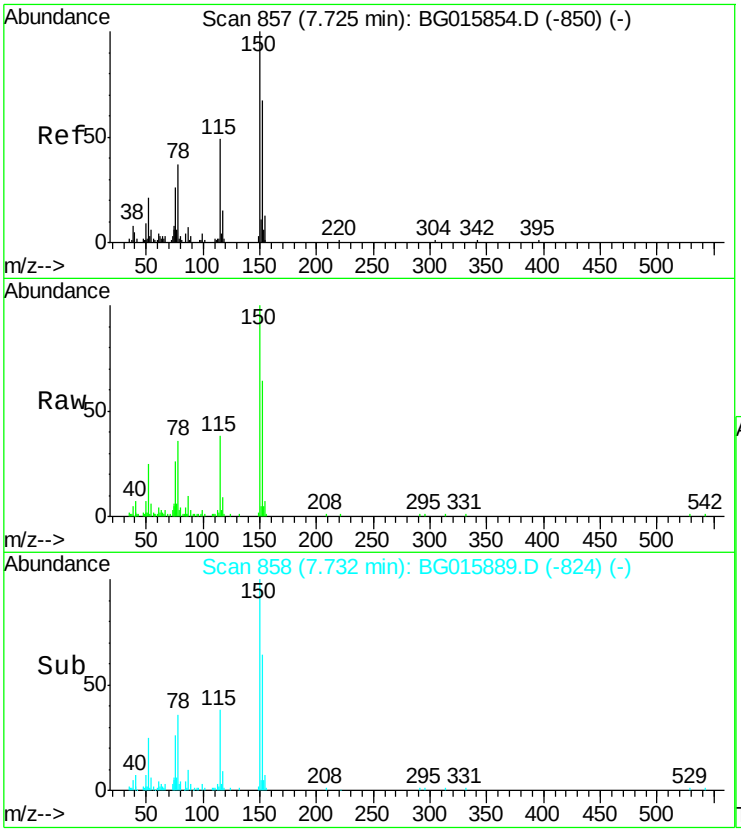


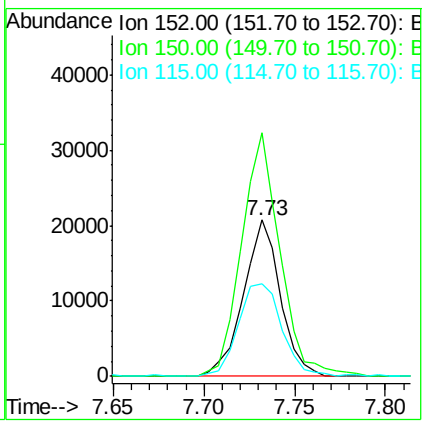


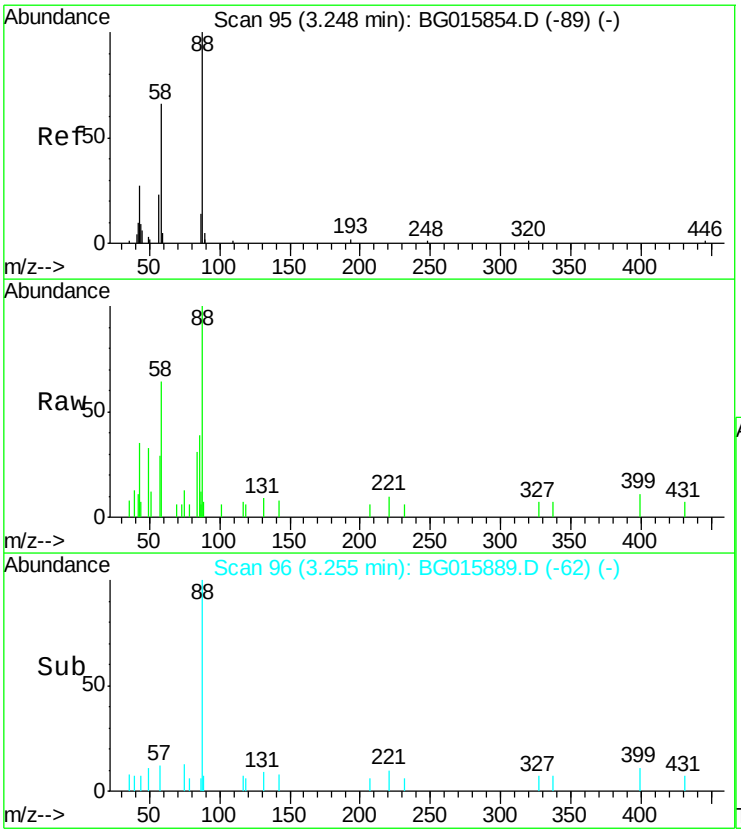
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 29338

Ion	Ratio	Lower	Upper
152	100		
150	155.6	120.5	180.7
115	59.0	54.0	81.0

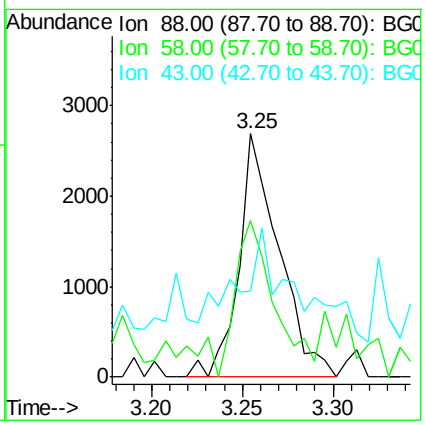


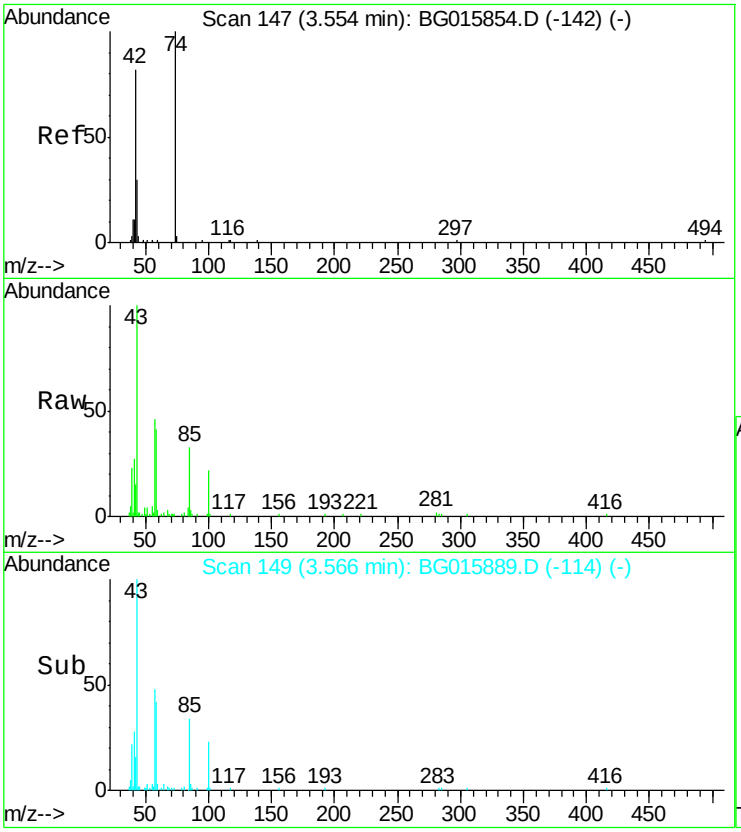


#2
1,4-Dioxane
Concen: 5.27 ng
RT: 3.25 min Scan# 96
Delta R.T. -0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion: 88 Resp: 4126

Ion	Ratio	Lower	Upper
88	100		
58	62.9	37.9	56.9#
43	73.7	20.7	31.1#



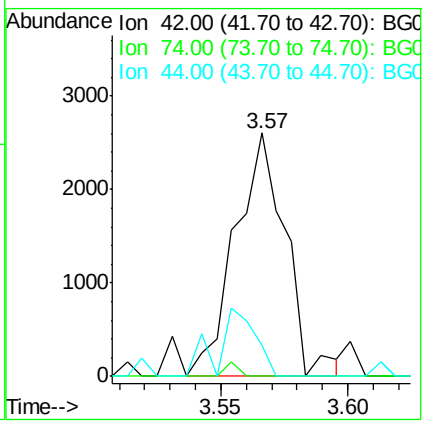


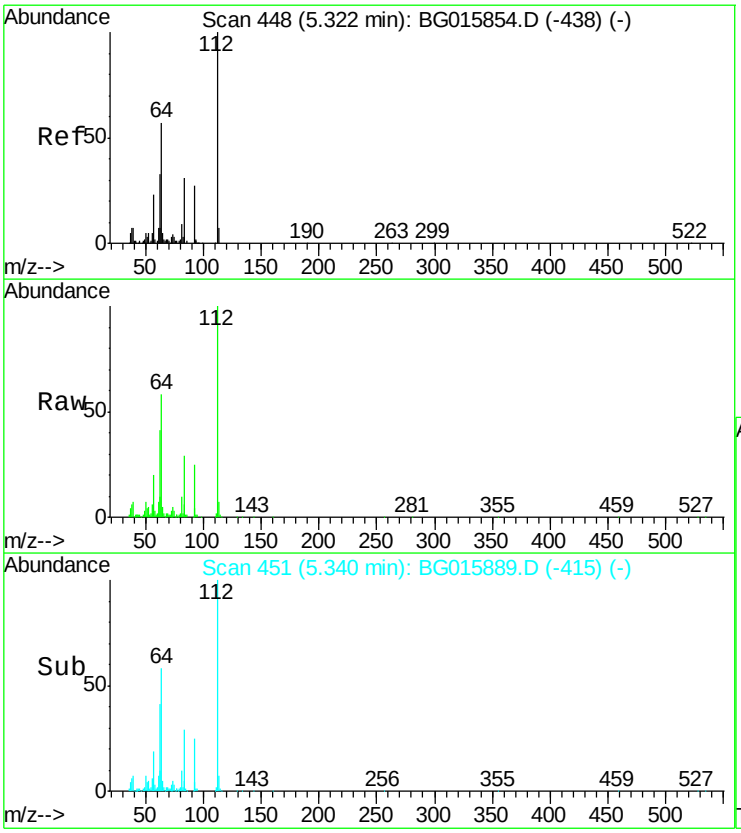
#4
n-Nitrosodimethylamine
Concen: 3.89 ng
RT: 3.57 min Scan# 149
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 3588

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.8	163.2#
44	13.0	4.4	6.6#

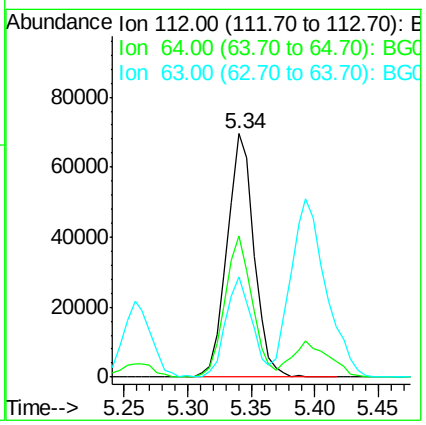


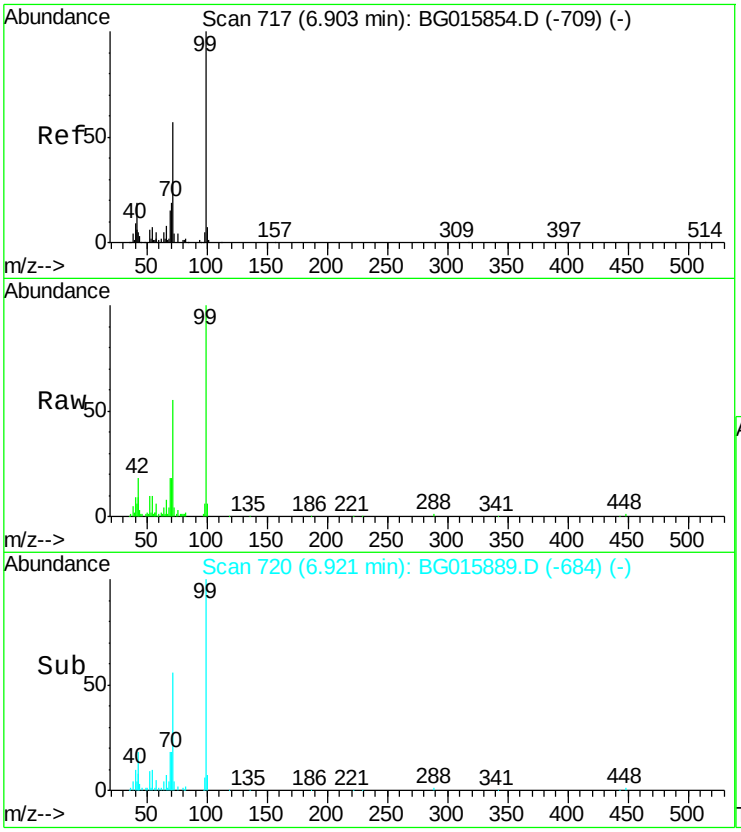


#5
2-Fluorophenol
Concen: 29.83 ng
RT: 5.34 min Scan# 451
Delta R.T. 0.01 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:112 Resp: 101747

Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.8	70.2
63	41.3	30.6	45.8



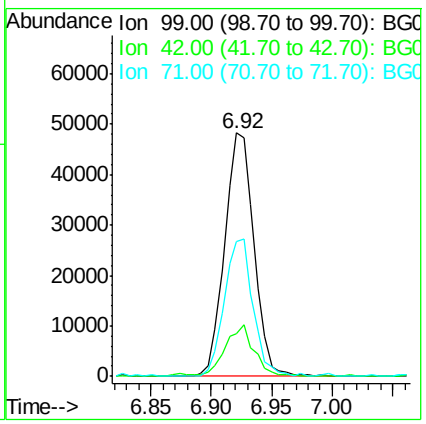


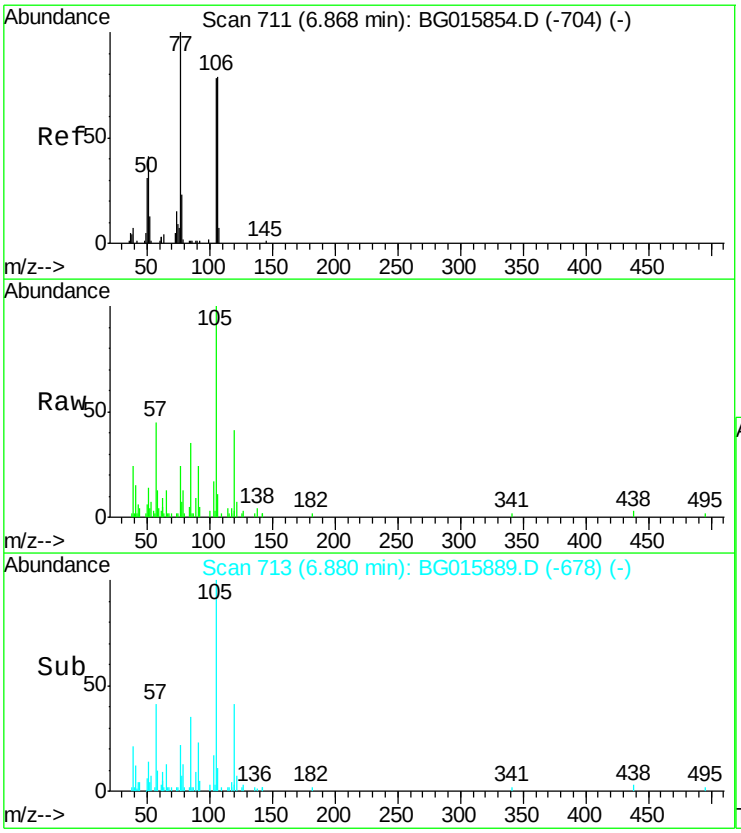
#7
Phenol-d6
Concen: 17.15 ng
RT: 6.92 min Scan# 720
Delta R.T. 0.01 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 81502

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.8
71	55.3	42.8	64.2

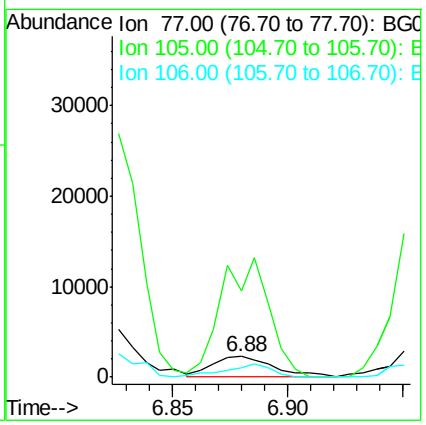


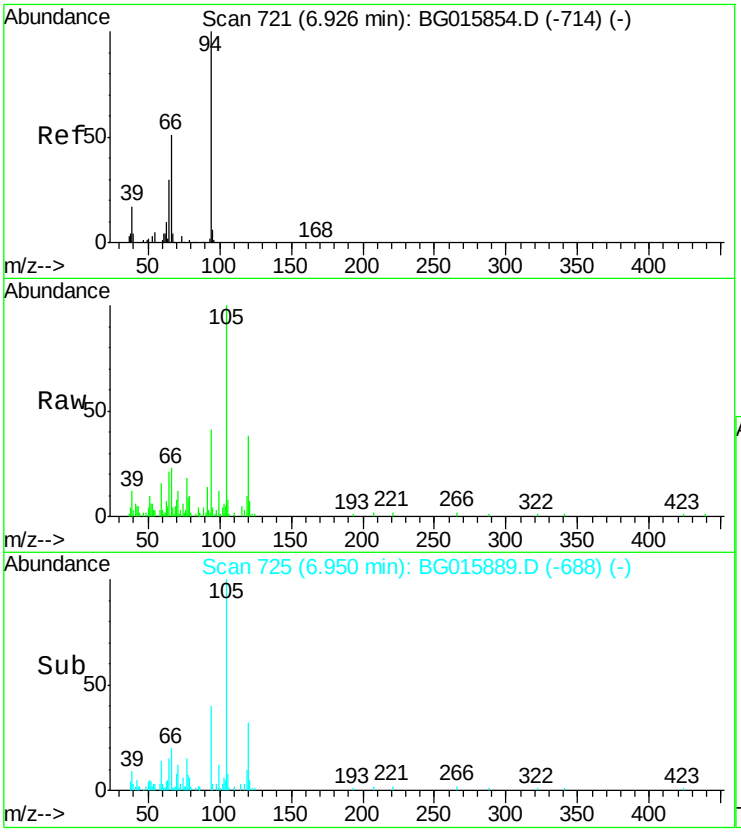


#9
Benzaldehyde
Concen: 2.64 ng
RT: 6.88 min Scan# 713
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion: 77 Resp: 4226

Ion	Ratio	Lower	Upper
77	100		
105	419.3	62.4	102.4#
106	46.0	59.5	99.5#



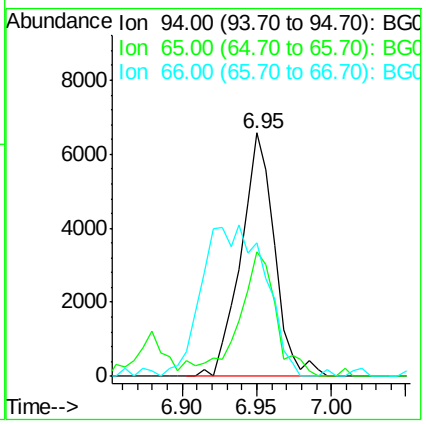


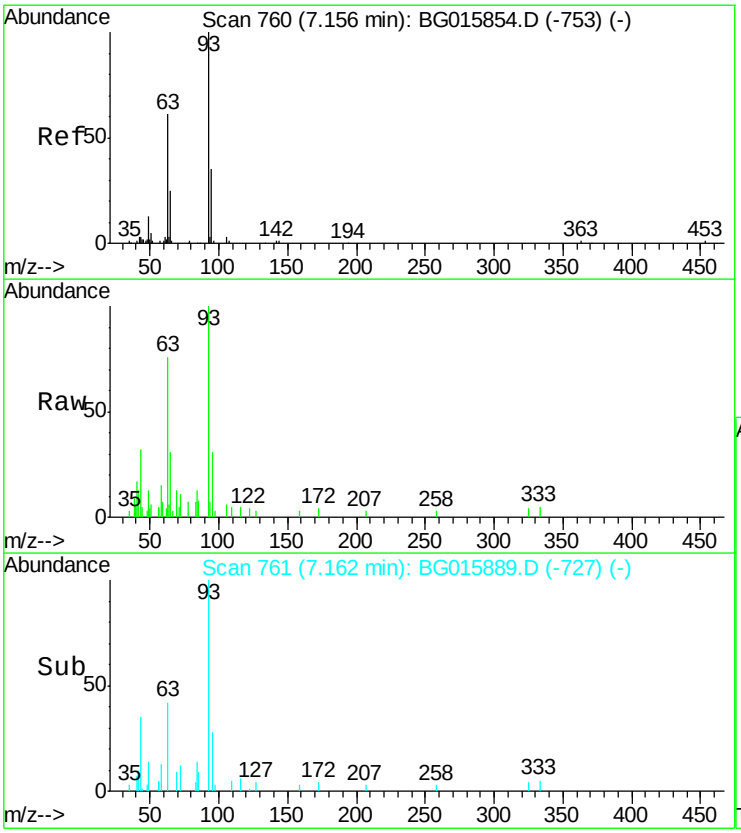
#10
Phenol
Concen: 3.93 ng
RT: 6.95 min Scan# 725
Delta R.T. 0.02 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 10173

Ion	Ratio	Lower	Upper
94	100		
65	50.9	9.7	49.7#
66	55.1	33.8	73.8

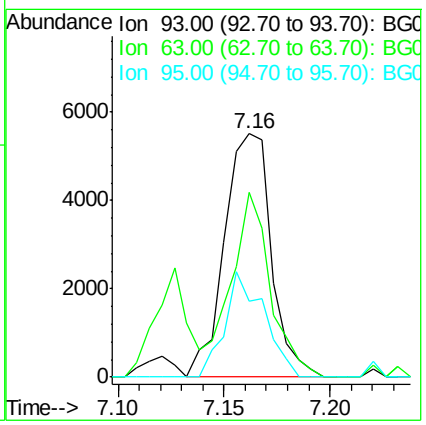


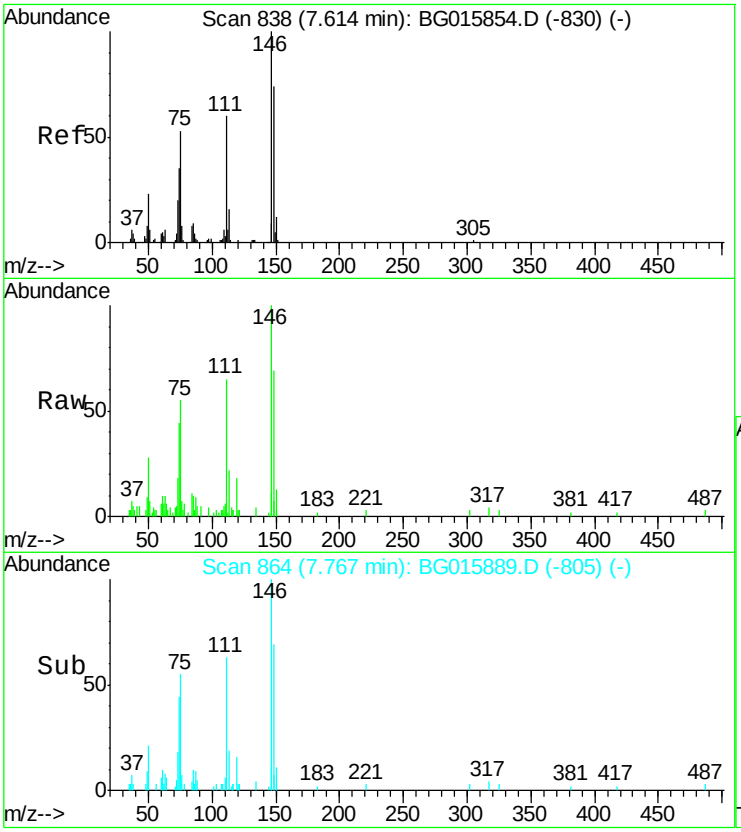


#11
bis(2-Chloroethyl)ether
Concen: 4.44 ng
RT: 7.16 min Scan# 761
Delta R.T. -0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion: 93 Resp: 8456

Ion	Ratio	Lower	Upper
93	100		
63	75.7	45.1	85.1
95	31.4	12.1	52.1



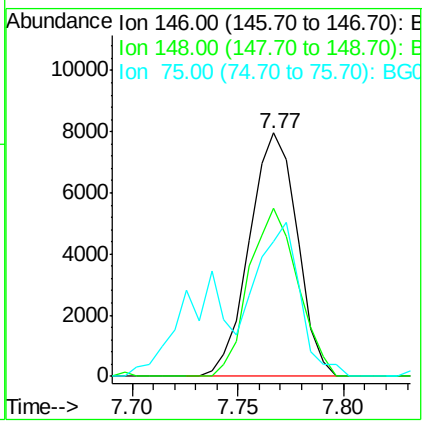


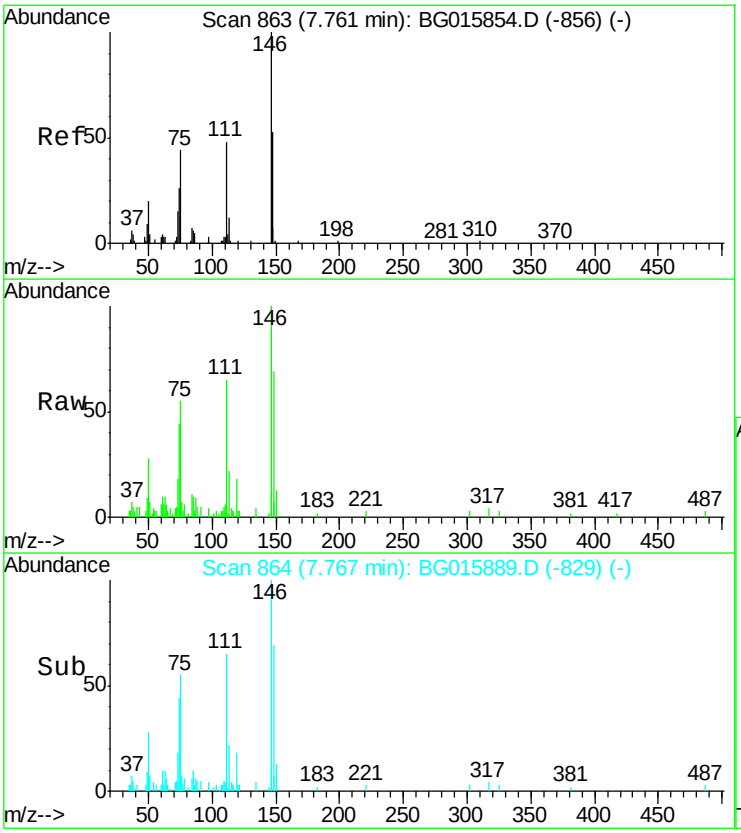
#12
1,3-Dichlorobenzene
Concen: 5.94 ng
RT: 7.77 min Scan# 864
Delta R.T. 0.14 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 12527

Ion	Ratio	Lower	Upper
146	100		
148	69.2	52.5	78.7
75	55.1	38.9	58.3

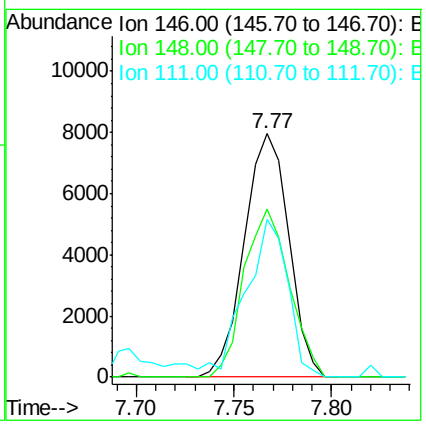


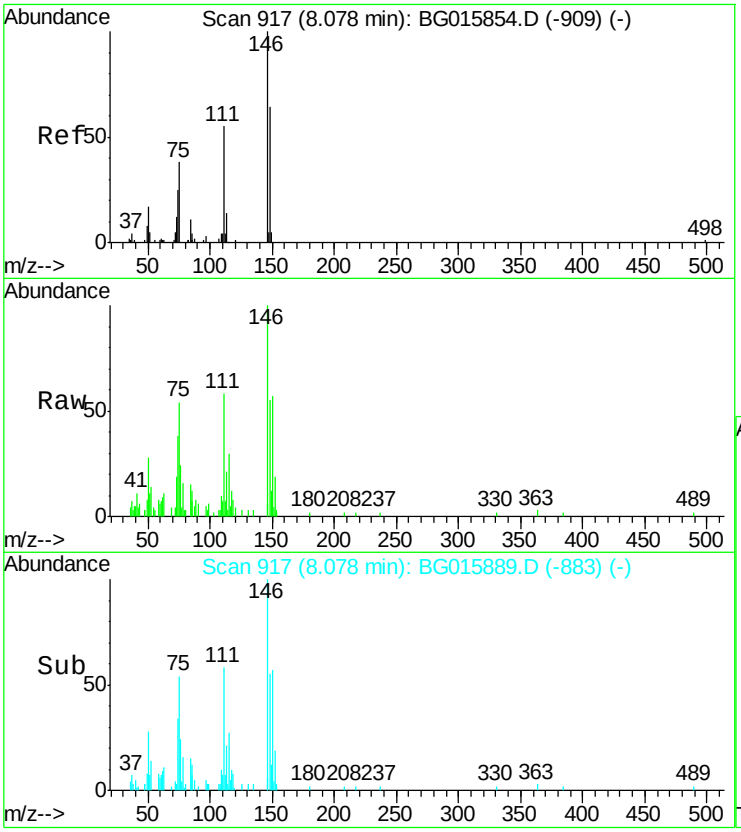


#13
1,4-Dichlorobenzene
Concen: 5.82 ng
RT: 7.77 min Scan# 864
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:146 Resp: 12528

Ion	Ratio	Lower	Upper
146	100		
148	69.2	46.5	69.7
111	64.6	41.8	62.6#



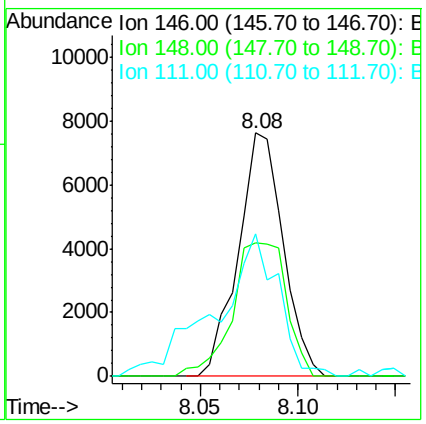


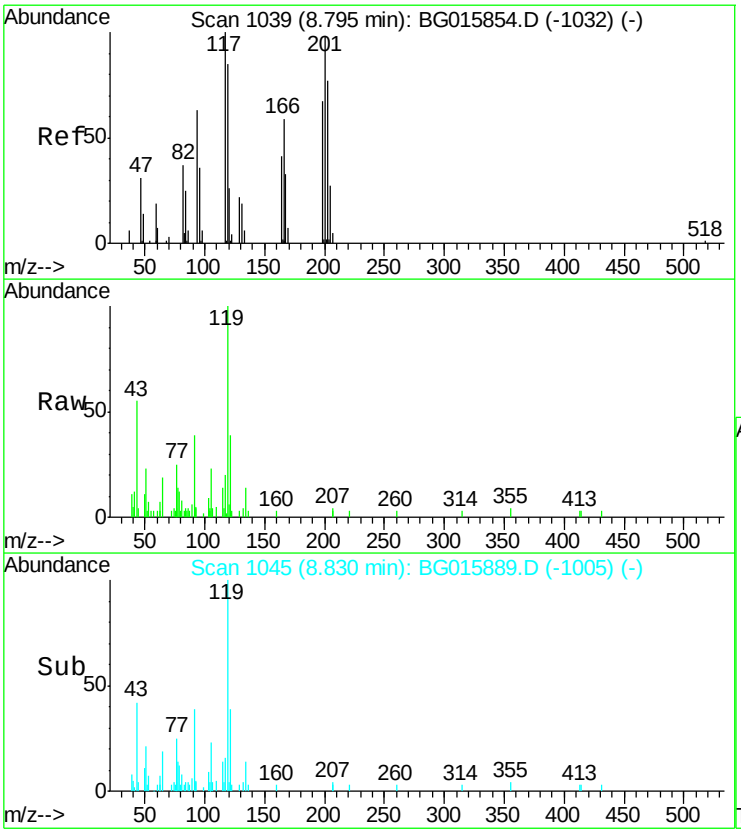
#14
1,2-Dichlorobenzene
Concen: 5.95 ng
RT: 8.08 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 12153

Ion	Ratio	Lower	Upper
146	100		
148	51.9	46.7	70.1
111	55.1	39.6	59.4

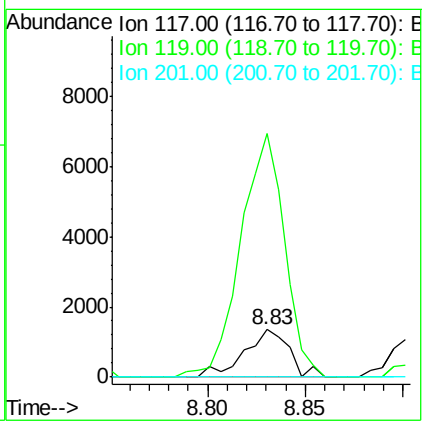


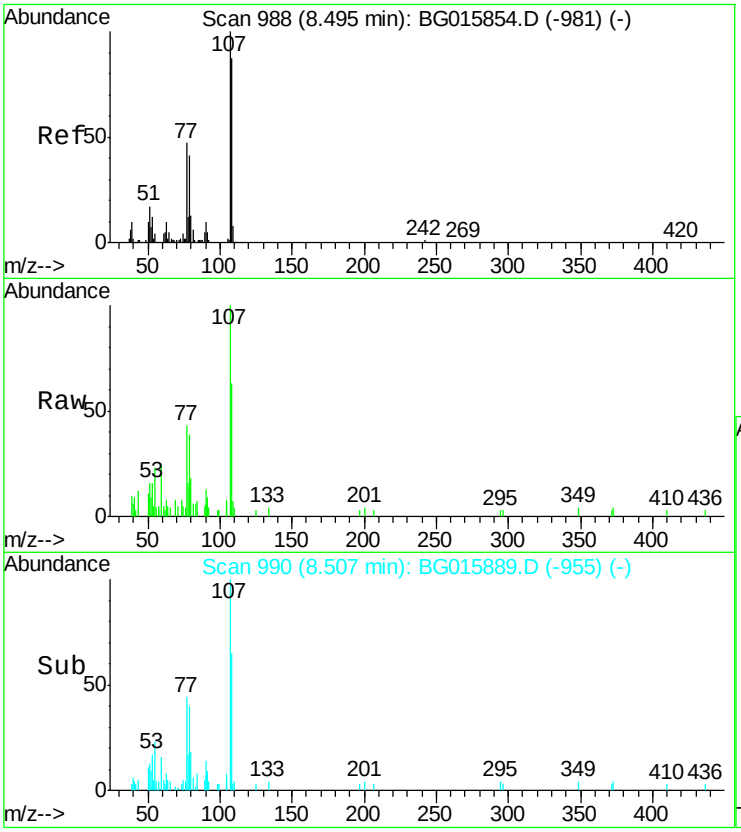


#18
Hexachloroethane
Concen: 2.15 ng
RT: 8.83 min Scan# 1045
Delta R.T. 0.03 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:117 Resp: 2132

Ion	Ratio	Lower	Upper
117	100		
119	511.1	79.5	119.3#
201	0.0	84.8	127.2#



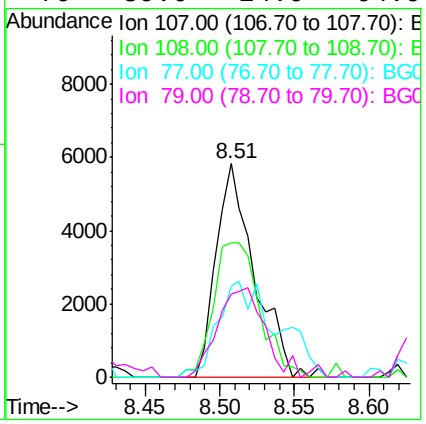


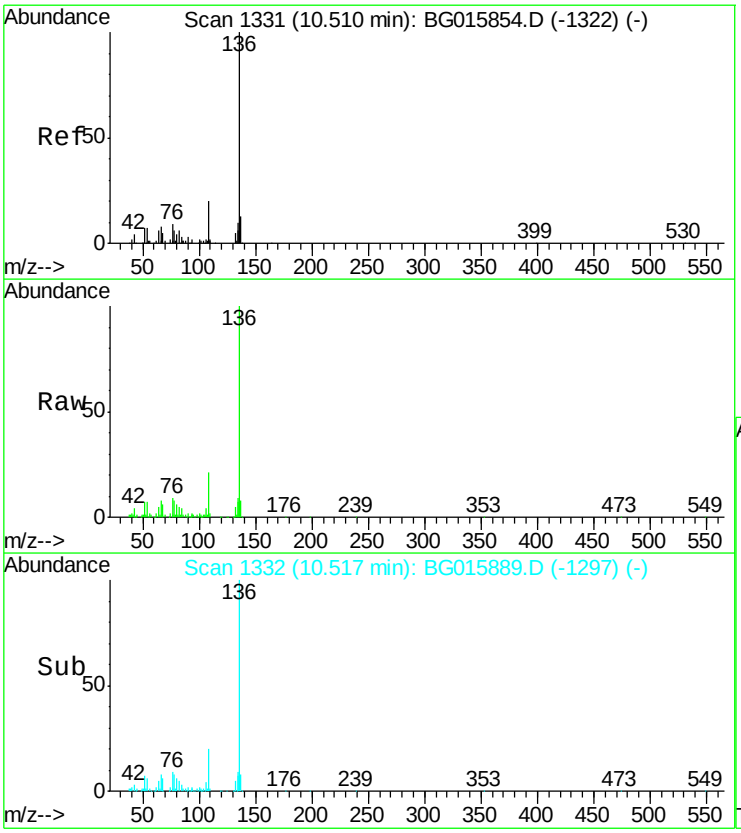
#20
3+4-Methylphenols
Concen: 4.45 ng
RT: 8.51 min Scan# 990
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 10464

Ion	Ratio	Lower	Upper
107	100		
108	63.2	80.9	120.9#
77	42.8	32.1	72.1
79	39.0	24.9	64.9

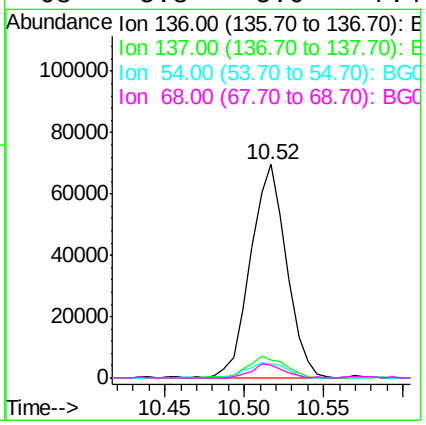


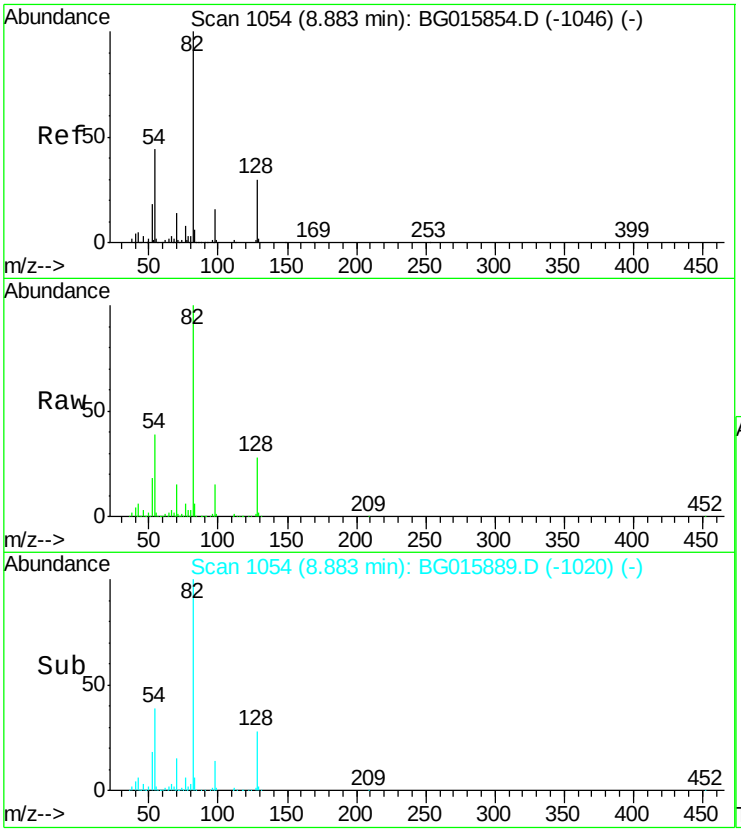


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:136 Resp: 108837

Ion	Ratio	Lower	Upper
136	100		
137	8.3	9.6	14.4#
54	6.7	4.5	6.7
68	5.8	5.0	7.4



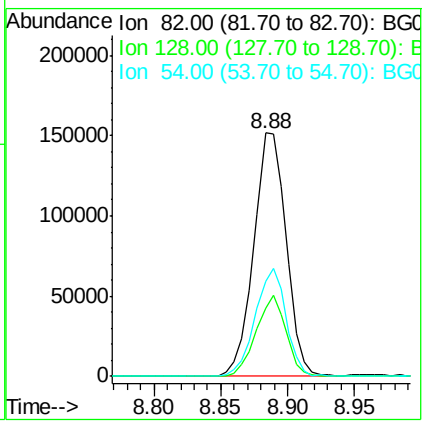


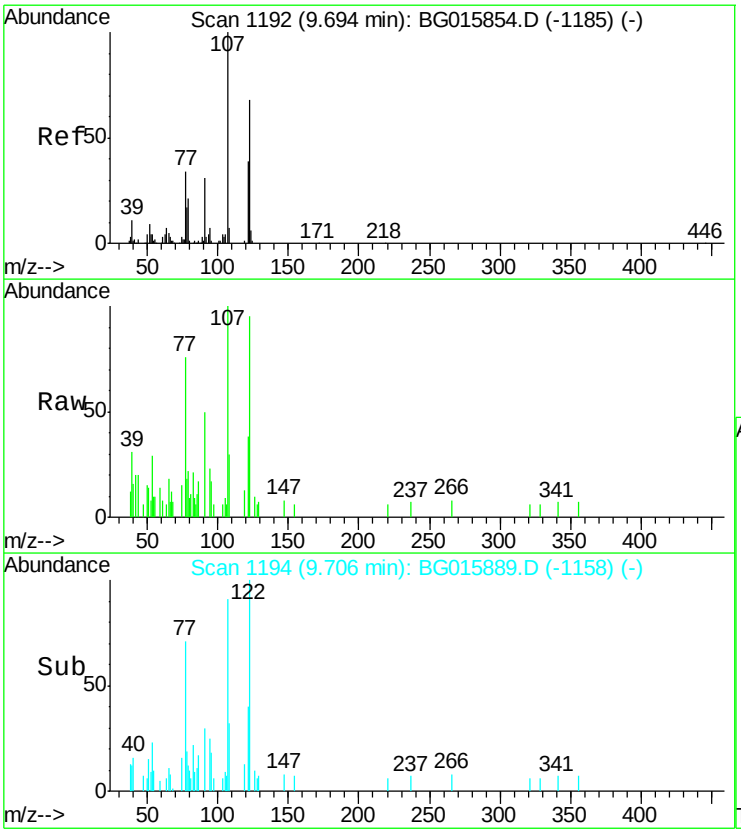
#23
Nitrobenzene-d5
Concen: 45.83 ng
RT: 8.88 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 254231

Ion	Ratio	Lower	Upper
82	100		
128	28.0	23.4	35.0
54	39.0	32.3	48.5

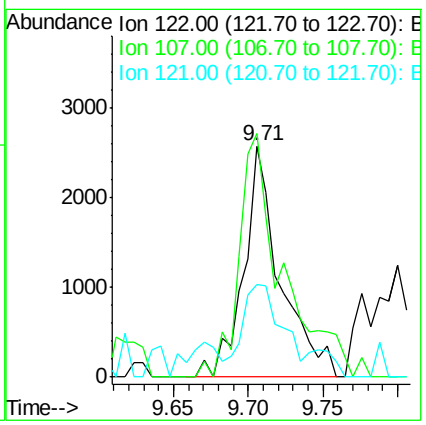


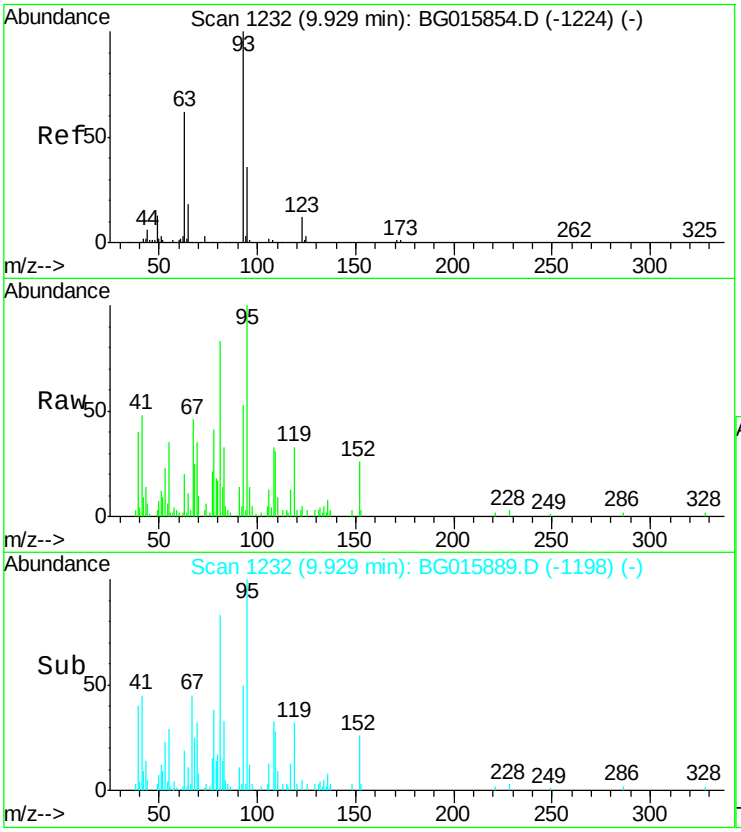


#27
2,4-Dimethylphenol
Concen: 2.43 ng
RT: 9.71 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:122 Resp: 4352

Ion	Ratio	Lower	Upper
122	100		
107	105.4	120.8	181.2#
121	40.1	41.2	61.8#



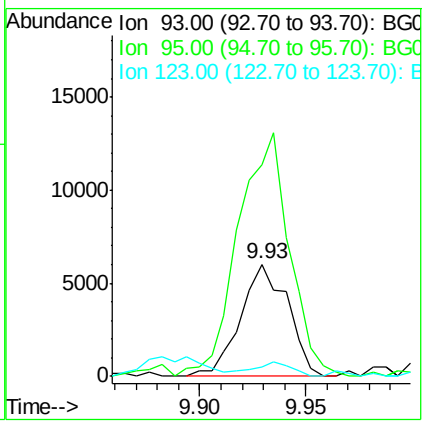


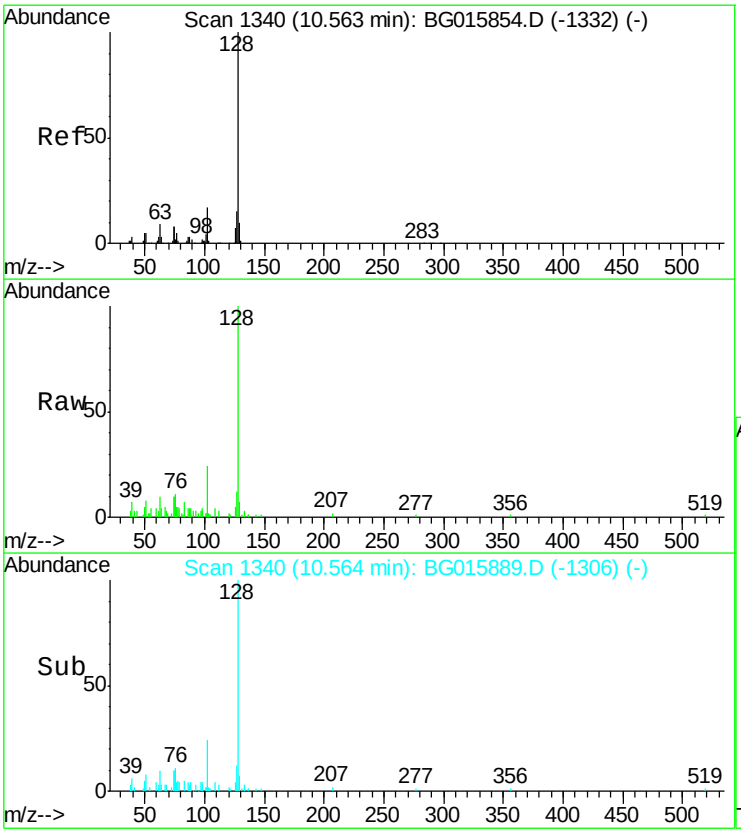
#28
bis(2-Chloroethoxy)methane
Concen: 3.84 ng
RT: 9.93 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 9320

Ion	Ratio	Lower	Upper
93	100		
95	188.8	27.5	41.3#
123	8.7	9.1	13.7#

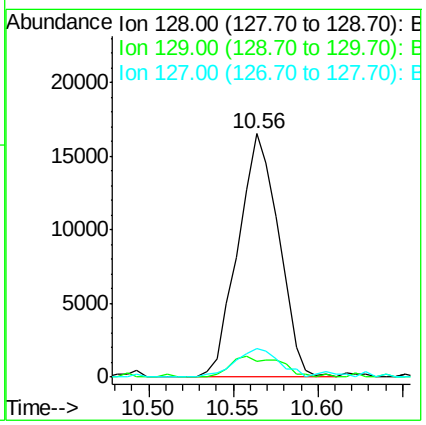


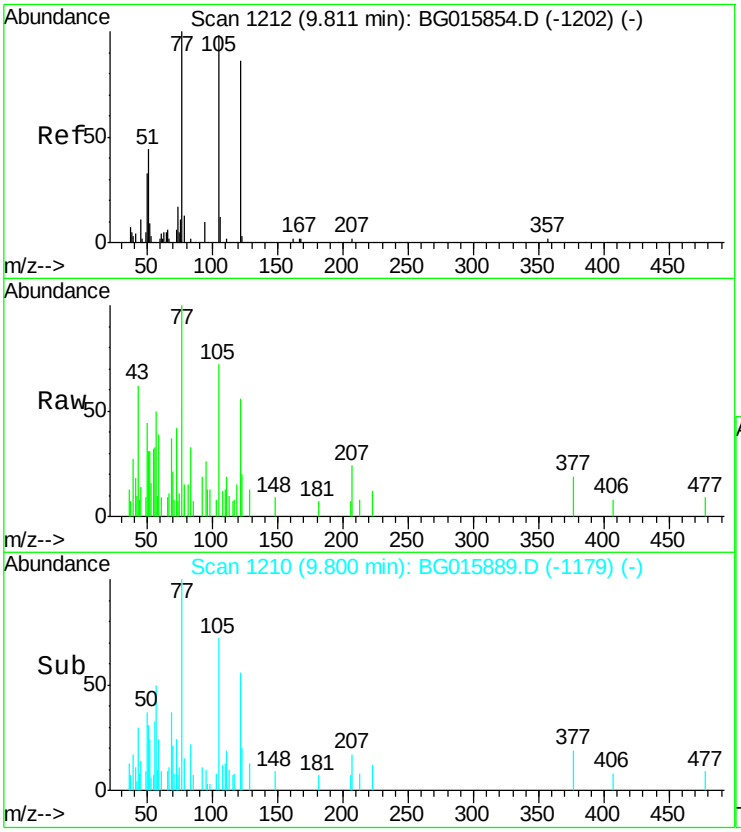


#31
Naphthalene
Concen: 4.82 ng
RT: 10.56 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:128 Resp: 27777

Ion	Ratio	Lower	Upper
128	100		
129	6.7	9.4	14.2#
127	11.6	10.6	15.8



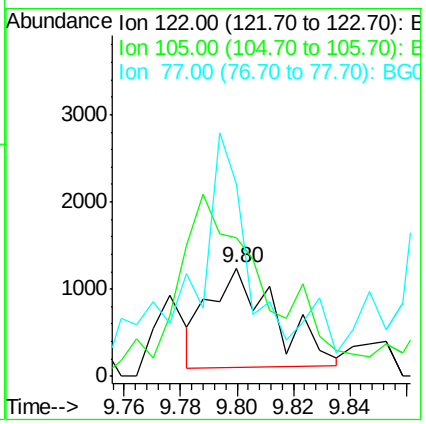


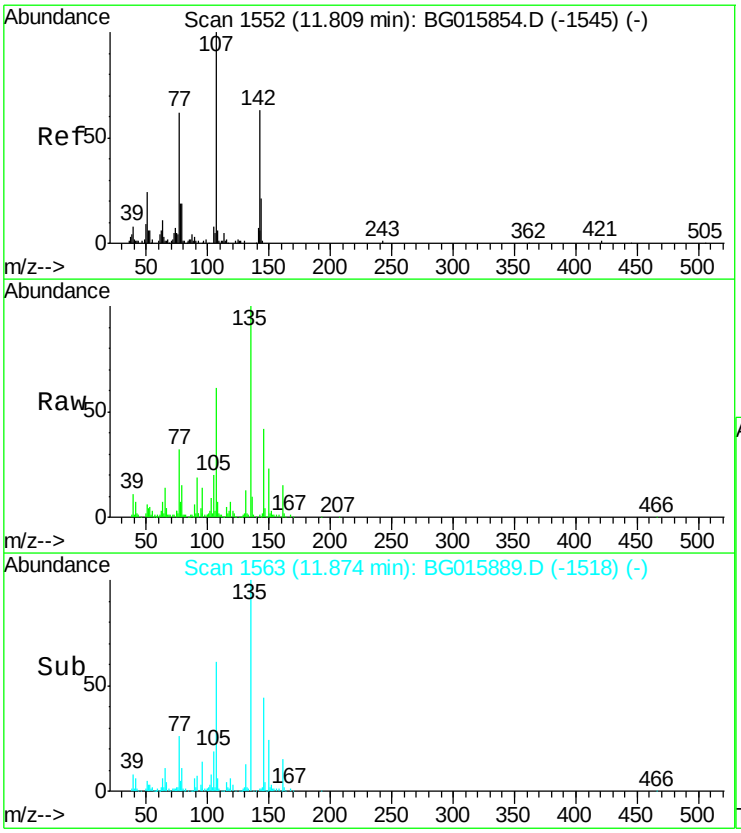
#32
Benzoic acid
Concen: 7.64 ng
RT: 9.80 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 1866

Ion	Ratio	Lower	Upper
122	100		
105	127.6	123.7	163.7
77	177.0	92.4	132.4#

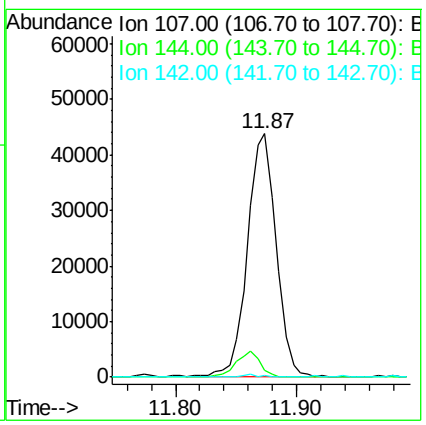


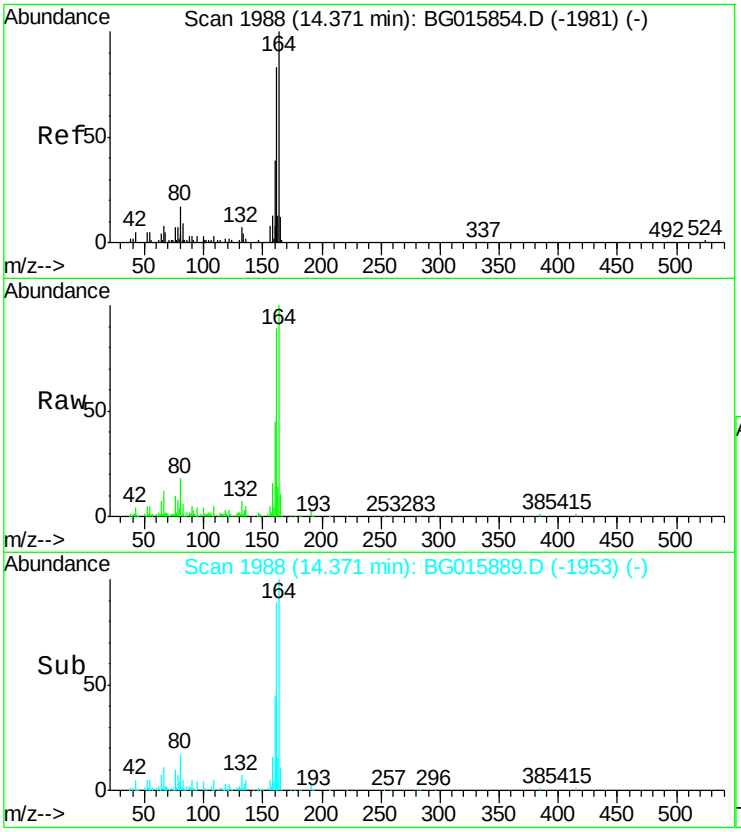


#36
4-Chloro-3-methylphenol
Concen: 30.82 ng
RT: 11.87 min Scan# 1563
Delta R.T. 0.06 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:107 Resp: 72649

Ion	Ratio	Lower	Upper
107	100		
144	3.0	18.2	27.2#
142	0.9	54.7	82.1#



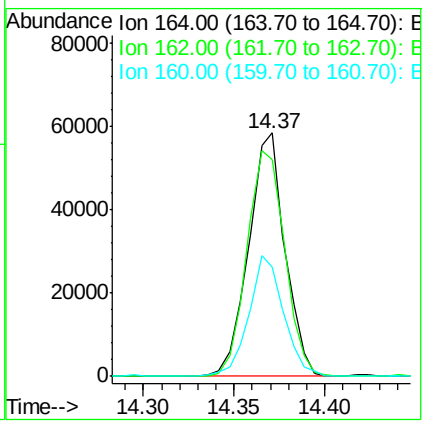


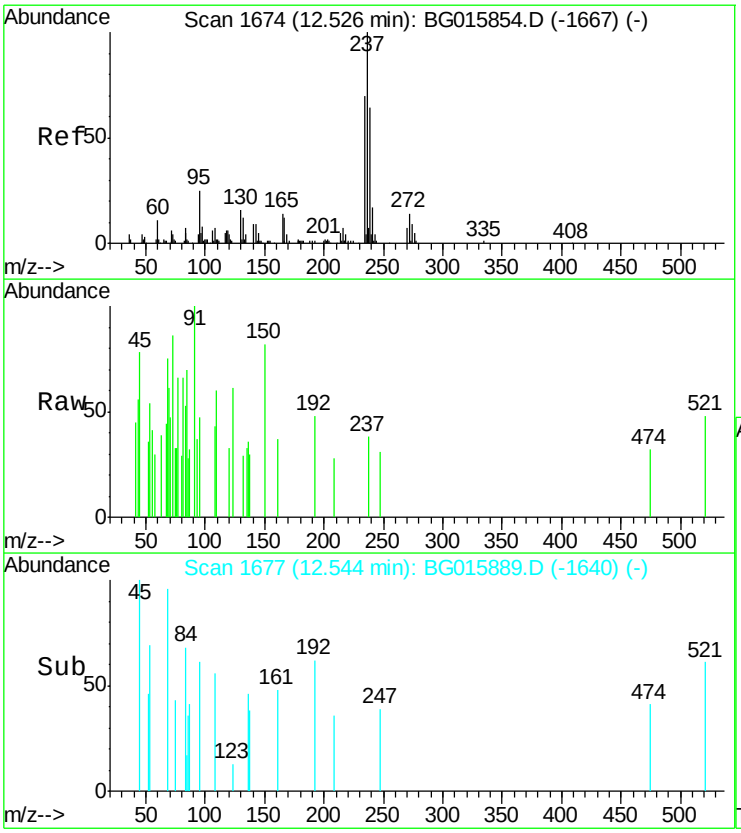
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 81432

Ion	Ratio	Lower	Upper
164	100		
162	89.2	75.5	113.3
160	44.9	37.4	56.0

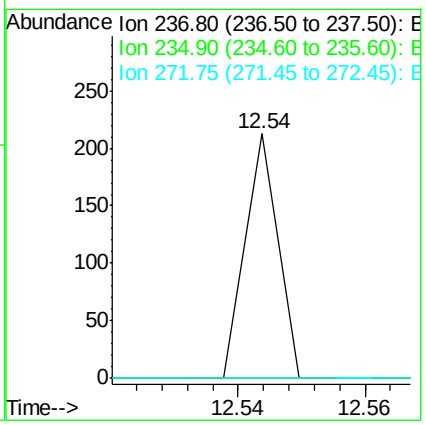


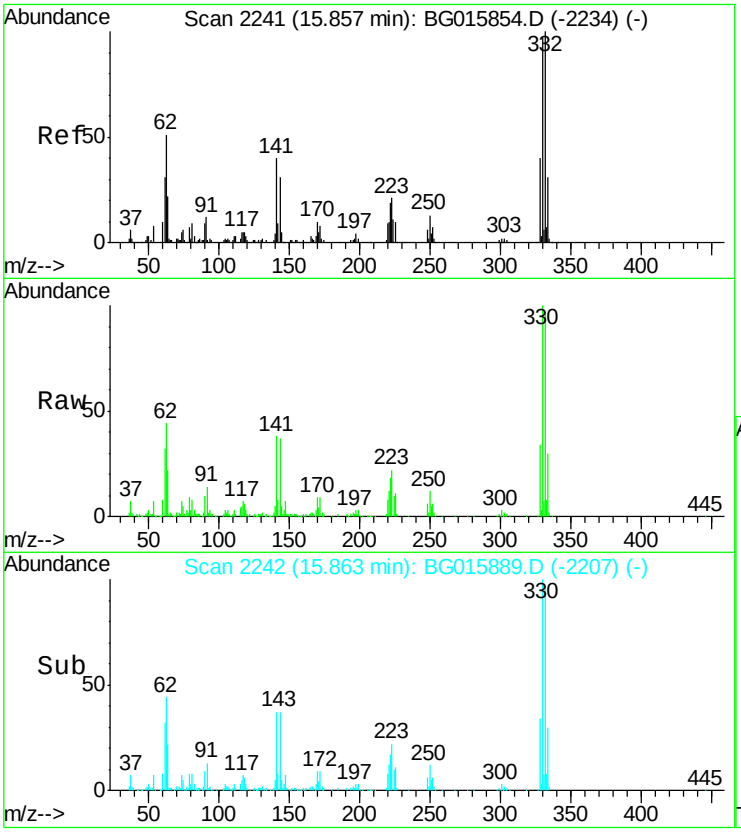


#40
Hexachlorocyclopentadiene
Concen: 3.07 ng
RT: 12.54 min Scan# 1677
Delta R.T. 0.02 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:237 Resp: 75

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.2	83.2#
272	0.0	0.0	31.1



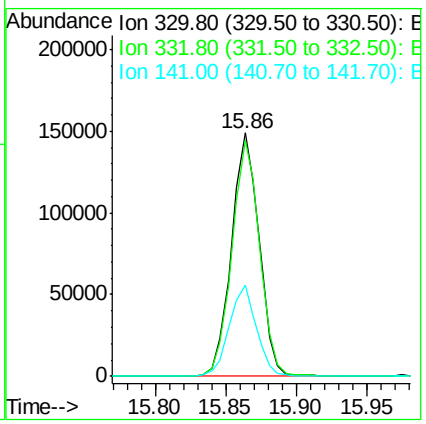


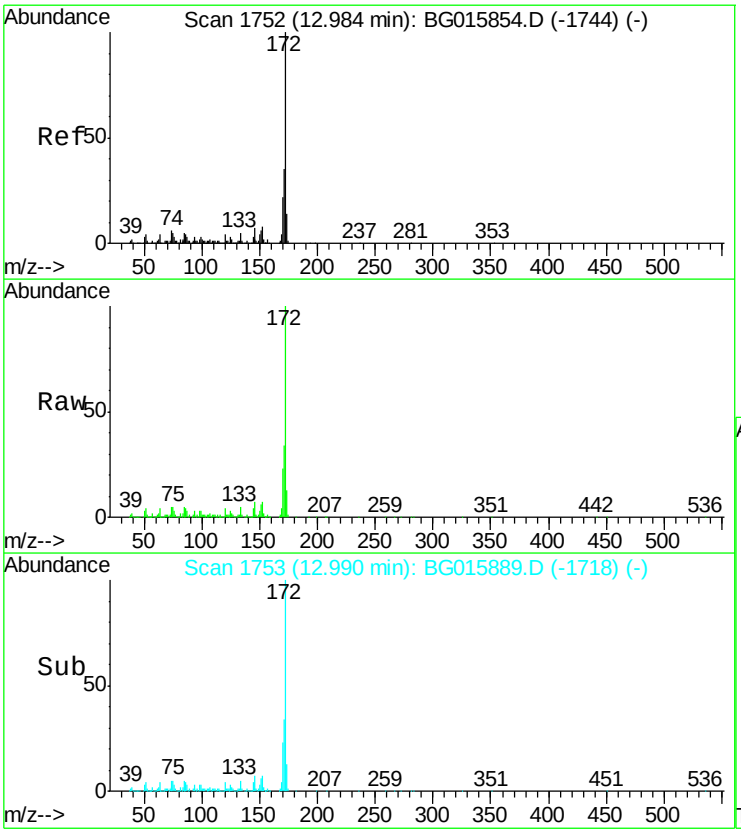
#41
2,4,6-Tribromophenol
Concen: 65.57 ng
RT: 15.86 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 202984

Ion	Ratio	Lower	Upper
330	100		
332	97.1	73.8	110.8
141	36.7	27.2	40.8

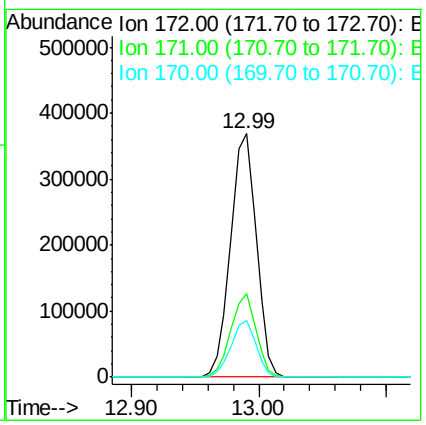


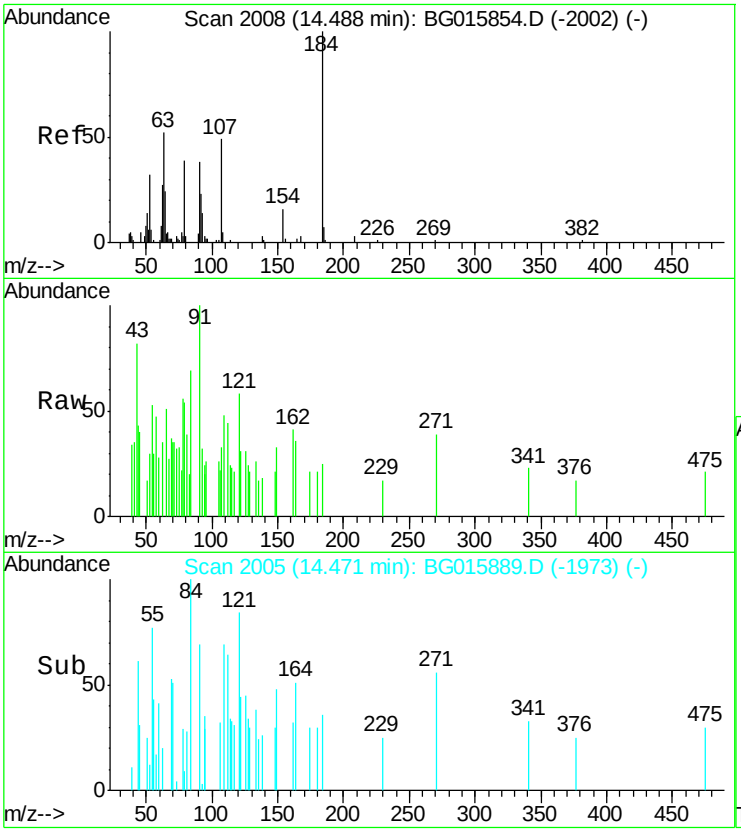


#44
2-Fluorobiphenyl
Concen: 45.50 ng
RT: 12.99 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:172 Resp: 518735

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	23.3	18.2	27.4



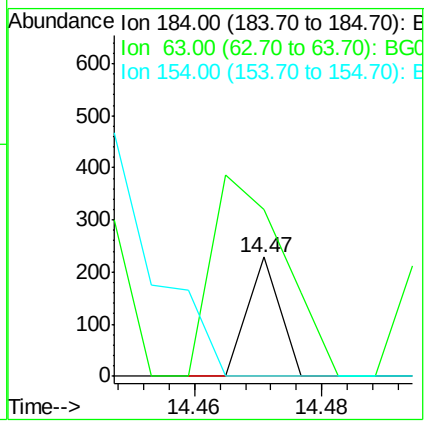


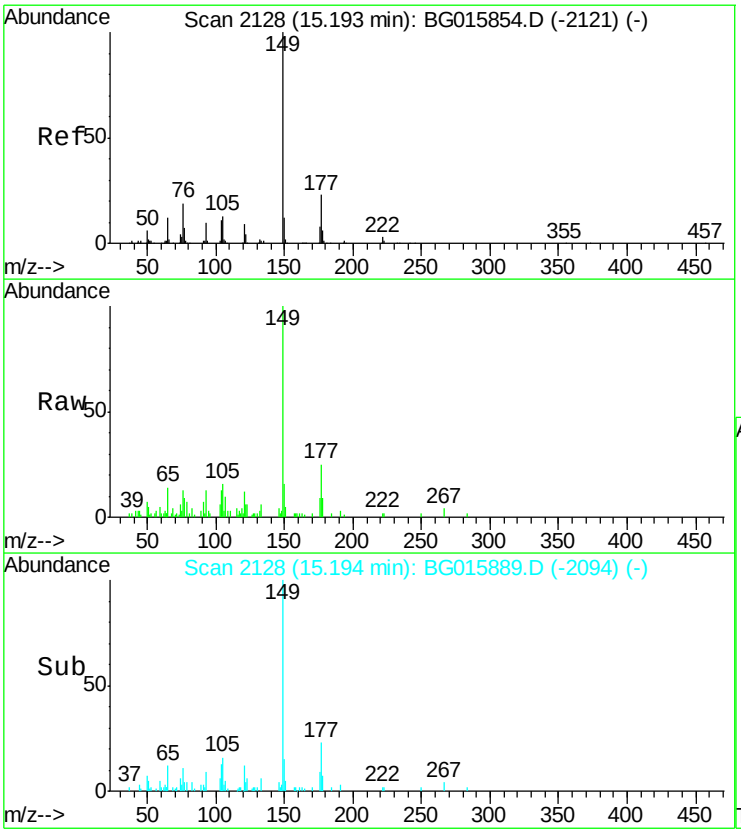
#53
2,4-Dinitrophenol
Concen: 10.04 ng
RT: 14.47 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 80

Ion	Ratio	Lower	Upper
184	100		
63	140.8	47.3	70.9#
154	0.0	56.9	85.3#

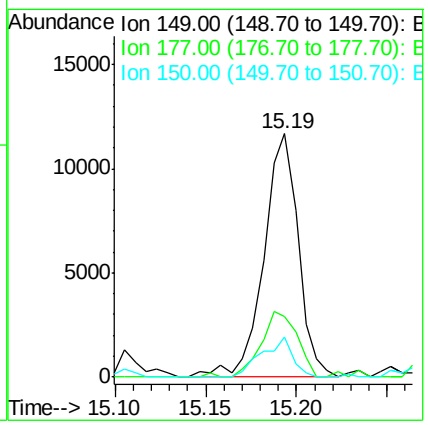


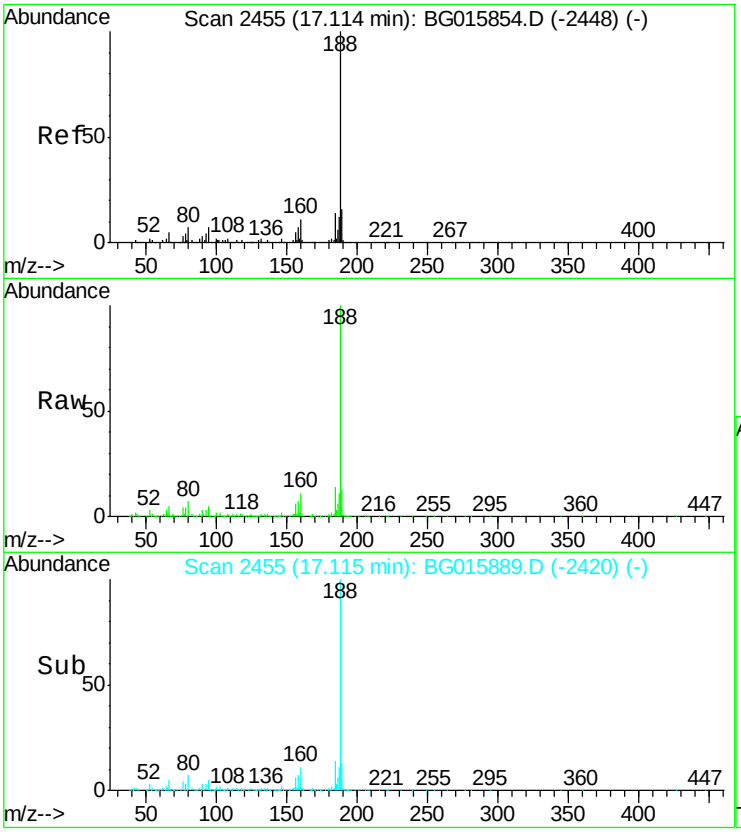


#59
Diethylphthalate
Concen: 2.33 ng
RT: 15.19 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:149 Resp: 15445

Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.2	27.4
150	16.4	10.0	15.0#



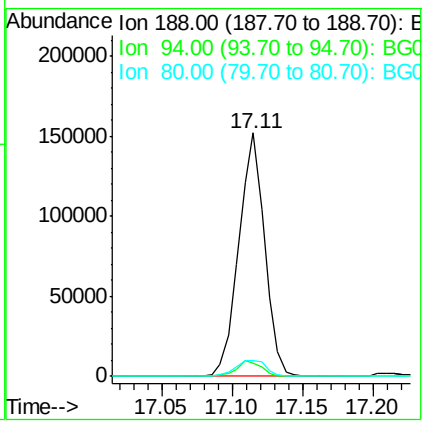


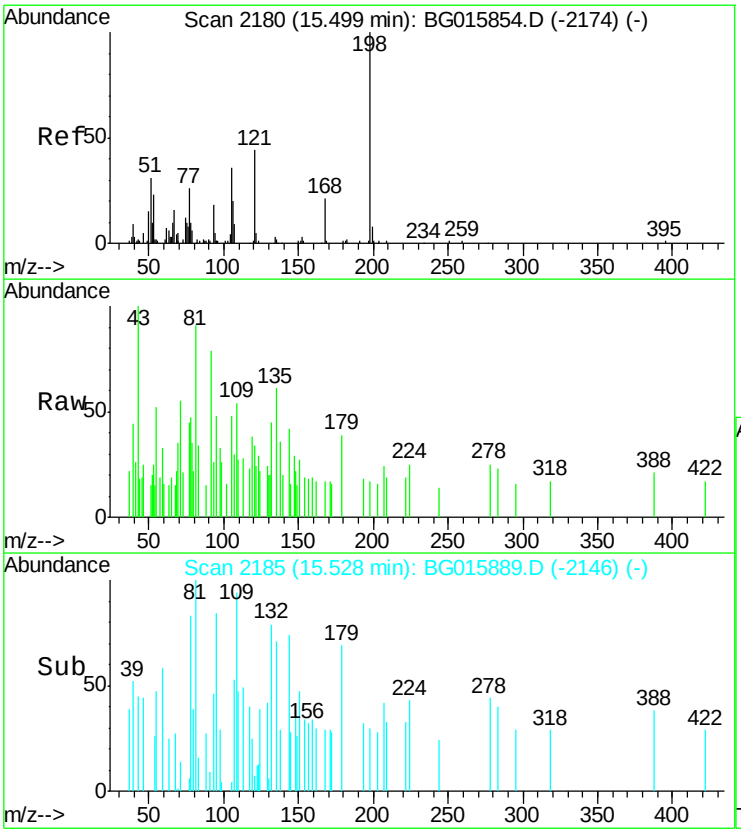
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 194862

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.4	8.0
80	6.6	6.6	9.8

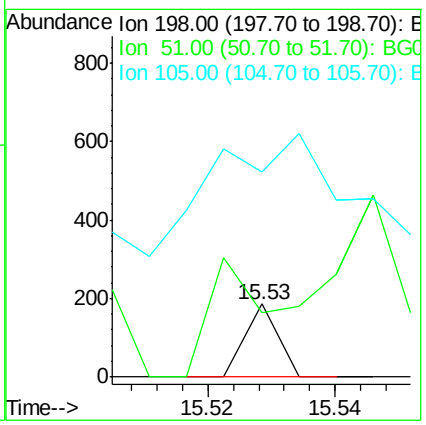


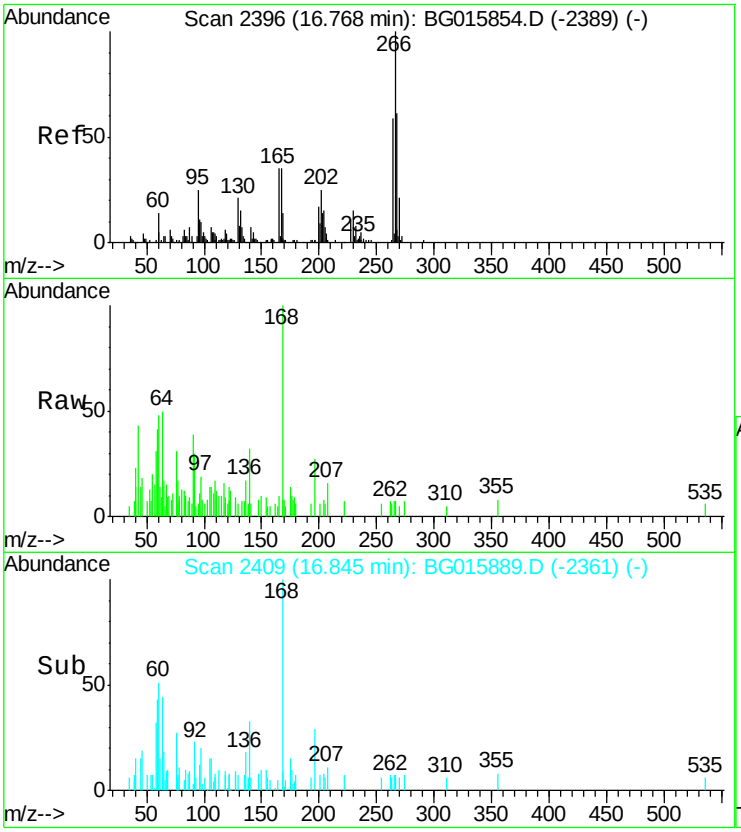


#64
4,6-Dinitro-2-methylphenol
Concen: 3.59 ng
RT: 15.53 min Scan# 2185
Delta R.T. 0.03 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:198 Resp: 66

Ion	Ratio	Lower	Upper
198	100		
51	88.7	13.6	53.6#
105	281.2	17.9	57.9#



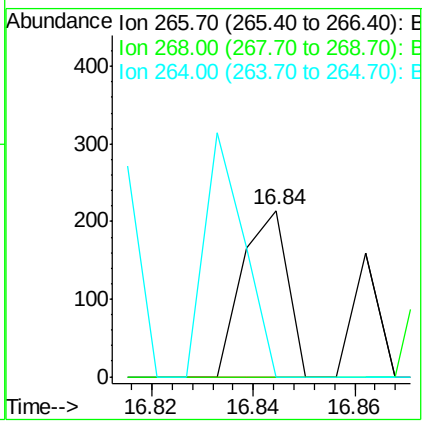


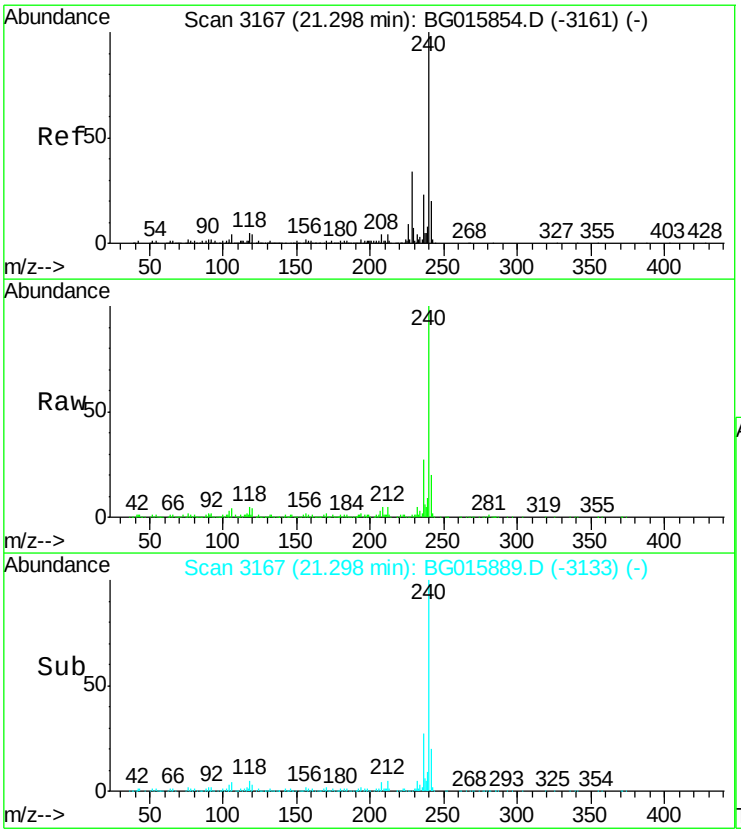
#69
Pentachlorophenol
Concen: 3.17 ng
RT: 16.84 min Scan# 2409
Delta R.T. 0.08 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 134

Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.2	75.2#
264	98.1	48.2	72.2#

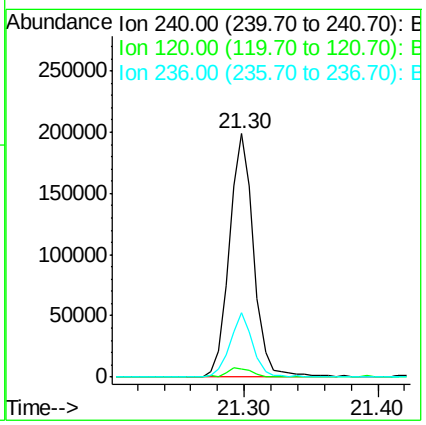


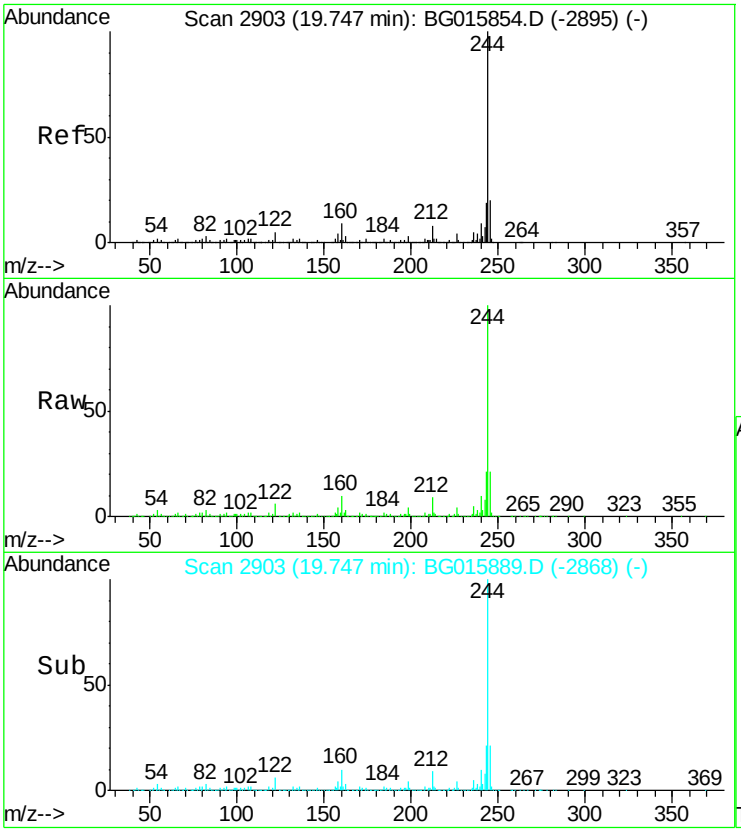


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:240 Resp: 253054

Ion	Ratio	Lower	Upper
240	100		
120	3.5	3.4	5.2
236	26.6	19.0	28.6



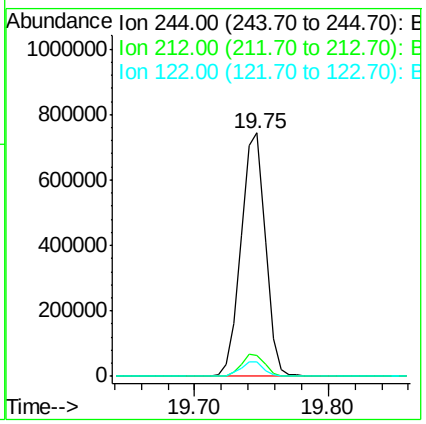


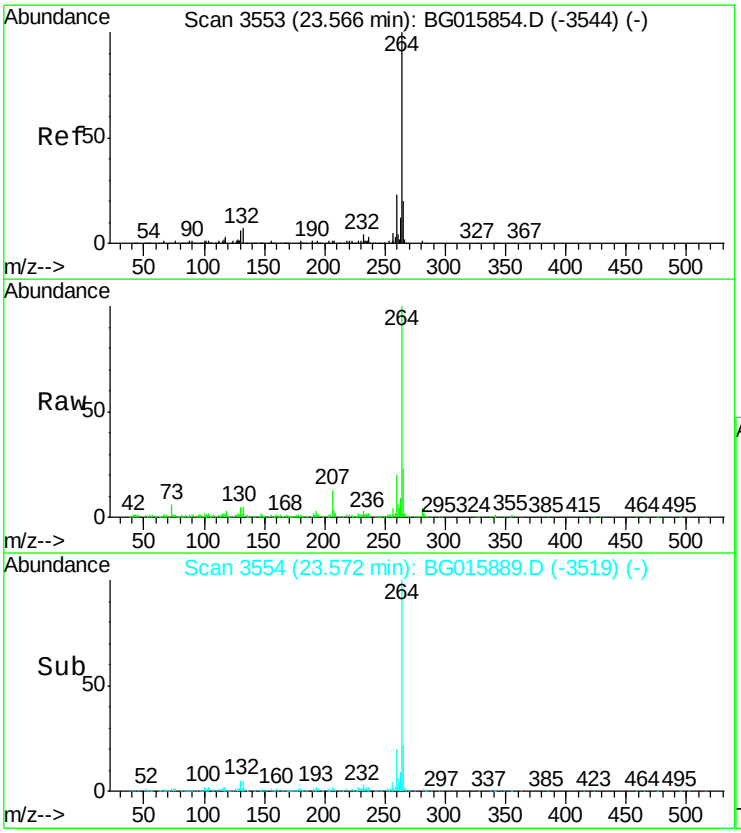
#78
Terphenyl-d14
Concen: 41.33 ng
RT: 19.75 min Scan# 2903
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 936101

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	9.8
122	6.0	4.7	7.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG015889.D
Acq: 10 Jan 2015 4:58

Tgt Ion:264 Resp: 209664

Ion	Ratio	Lower	Upper
264	100		
260	20.4	17.0	25.4
265	22.9	17.4	26.0