Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015960.D
Acq On : 28 Jan 2015 00:17
Operator : TP/IZ
Sample : G1139-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B4

Quant Time: Jan 28 11:50:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	86211	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	339906	20.00	ng		0.00
38) Acenaphthene-d10	14.34	164	280508	20.00	ng		0.00
63) Phenanthrene-d10	17.09	188	661207	20.00	ng		0.01
75) Chrysene-d12	21.27	240	932158	20.00	ng		0.00
86) Perylene-d12	23.52	264	970162	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	853370	147.41	ng		0.00
7) Phenol-d6	6.87	99	1350737	144.78	ng		0.00
23) Nitrobenzene-d5	8.85	82	1117496	94.77	ng		0.00
41) 2,4,6-Tribromophenol	15.84	330	754339	146.90	ng		0.01
44) 2-Fluorobiphenyl	12.95	172	2045744	114.43	ng		0.00
78) Terphenyl-d14	19.71	244	3459653	128.69	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.89	94	22385	2.11	ng	#	68
31) Naphthalene	10.52	128	325248	18.70	ng	#	87
37) 2-Methylnaphthalene	12.15	142	1218192	88.17	ng		95
45) 1,1'-Biphenyl	13.16	154	199591	11.27	ng		88
49) Dimethylphthalate	13.79	163	236478	11.72	ng	#	96
51) Acenaphthene	14.40	154	103868	7.28	ng	#	76
57) Fluorene	15.38	166	272582	12.84	ng	#	86
70) Phenanthrene	17.13	178	891040	26.86	ng		96
77) Pyrene	19.51	202	314701	7.10	ng	#	91

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

Quantitation Report (LSC Reviewed)

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 01:36:36 2015
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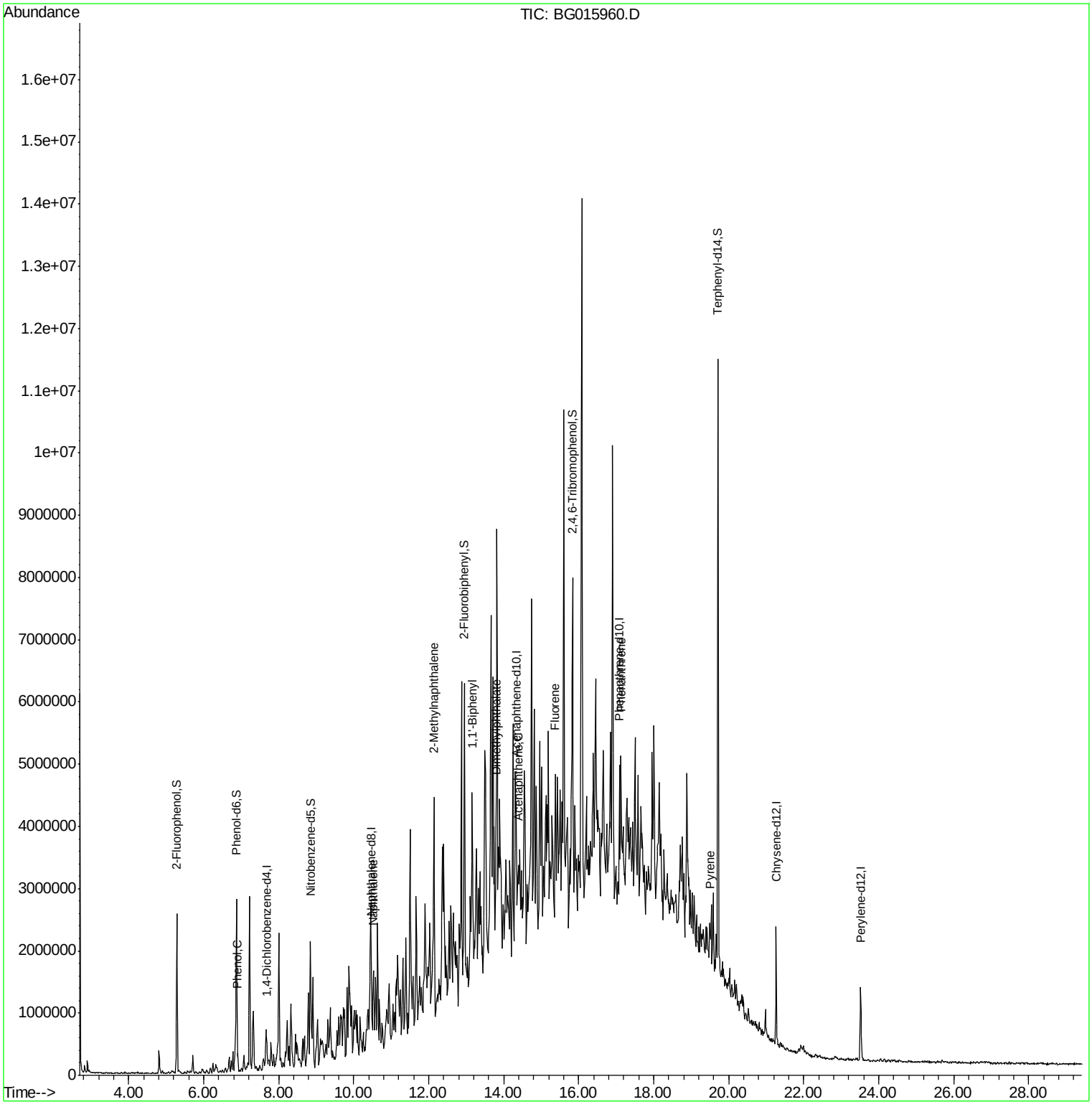
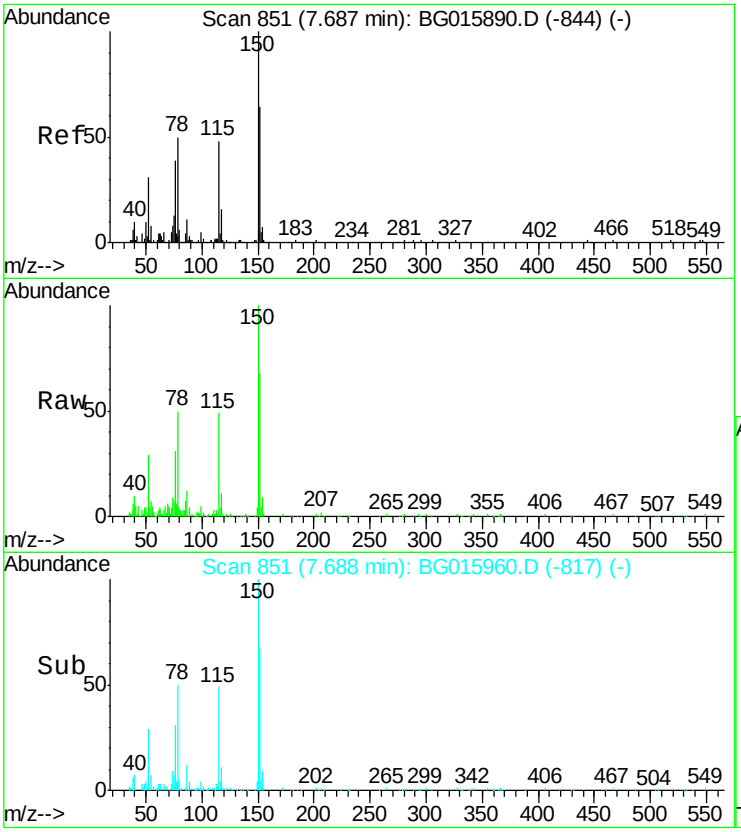


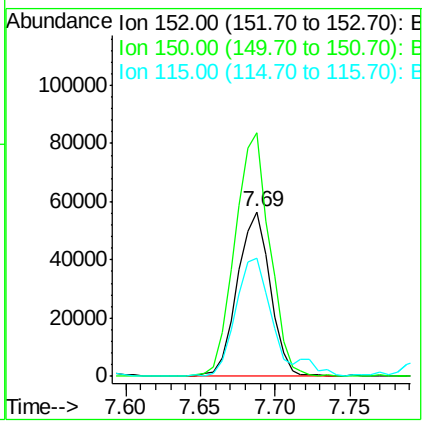


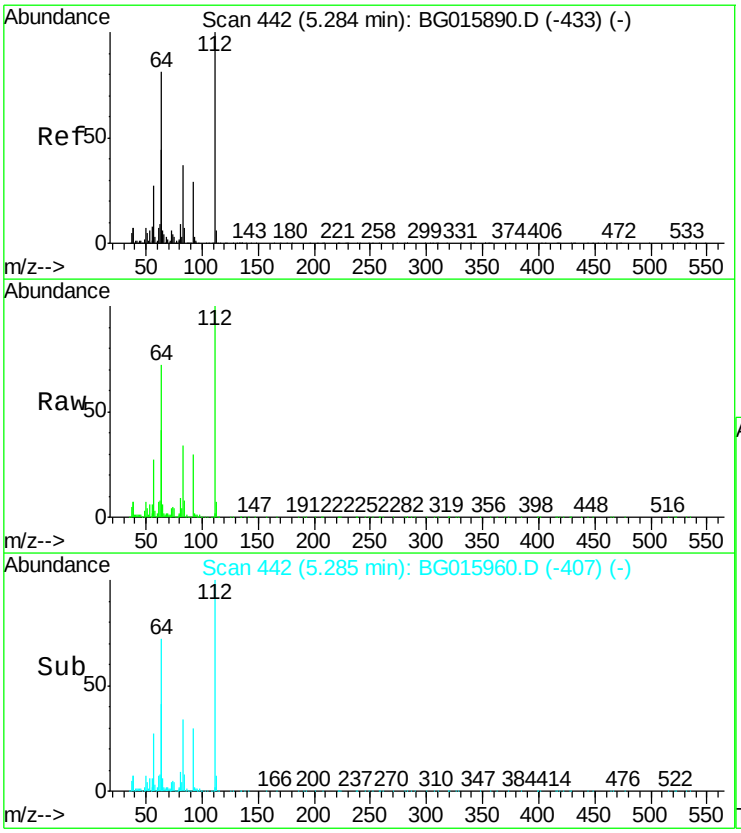
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:152 Resp: 86211

Ion	Ratio	Lower	Upper
152	100		
150	148.1	124.5	186.7
115	72.1	60.4	90.6

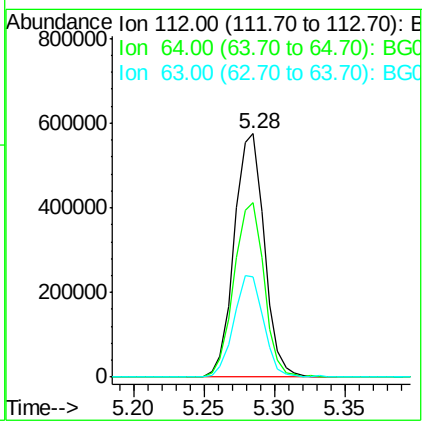


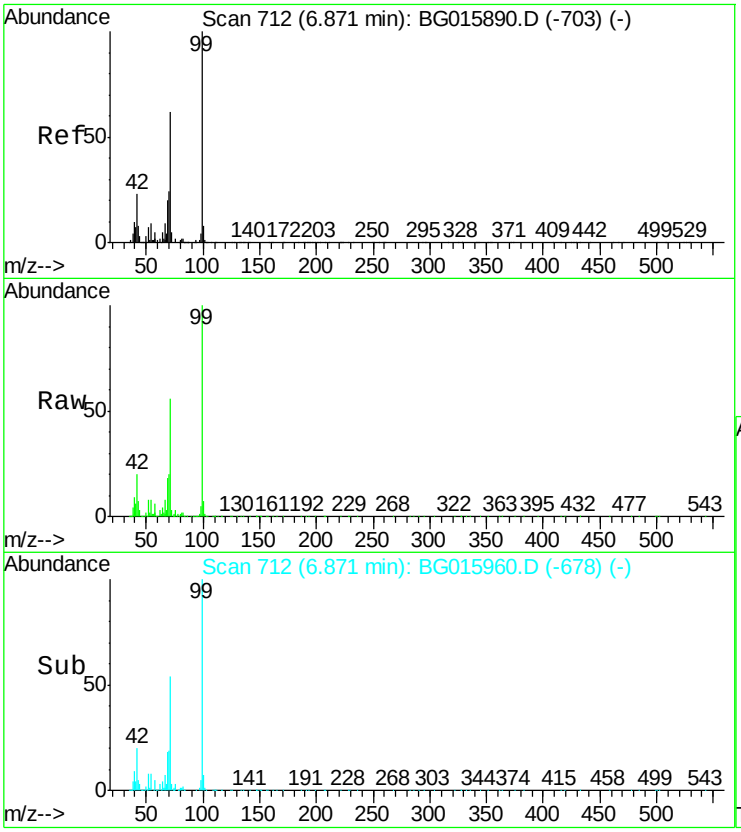


#5
2-Fluorophenol
Concen: 147.41 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Tgt Ion:112 Resp: 853370

Ion	Ratio	Lower	Upper
112	100		
64	71.9	64.4	96.6
63	41.2	35.1	52.7



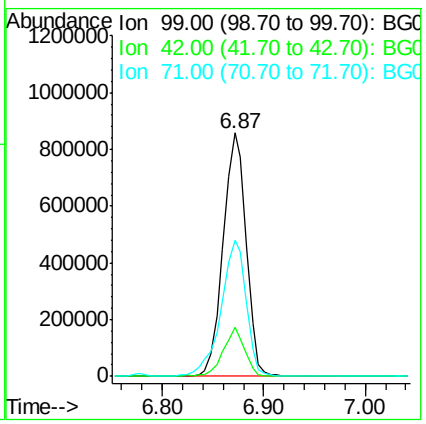


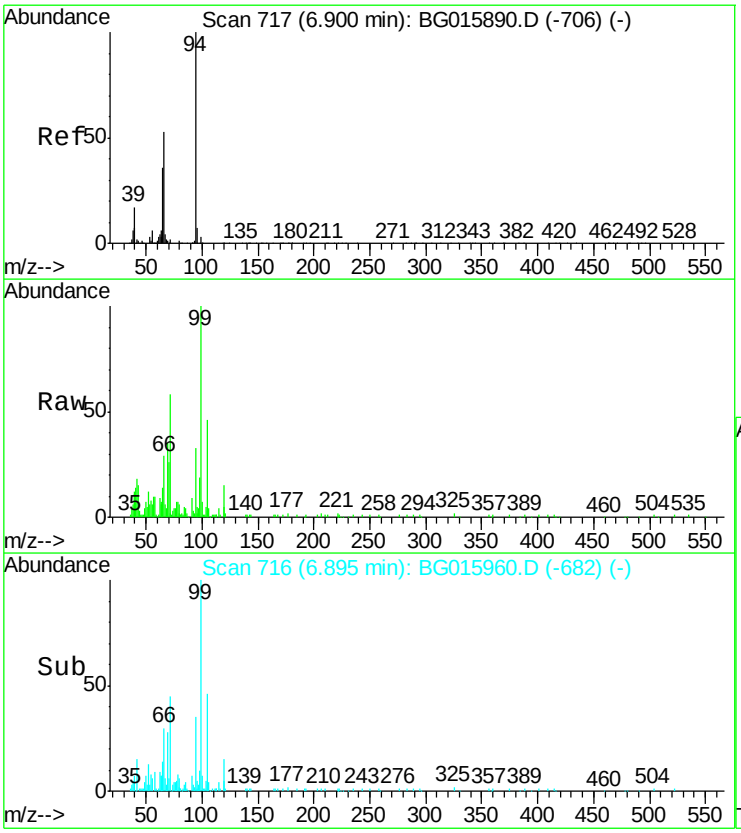
#7
Phenol-d6
Concen: 144.78 ng
RT: 6.87 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion: 99 Resp: 1350737

Ion	Ratio	Lower	Upper
99	100		
42	20.4	18.1	27.1
71	56.0	49.8	74.8

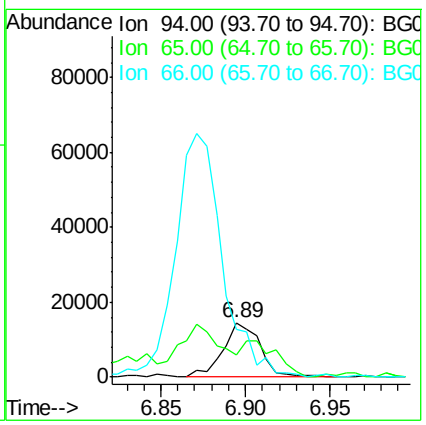


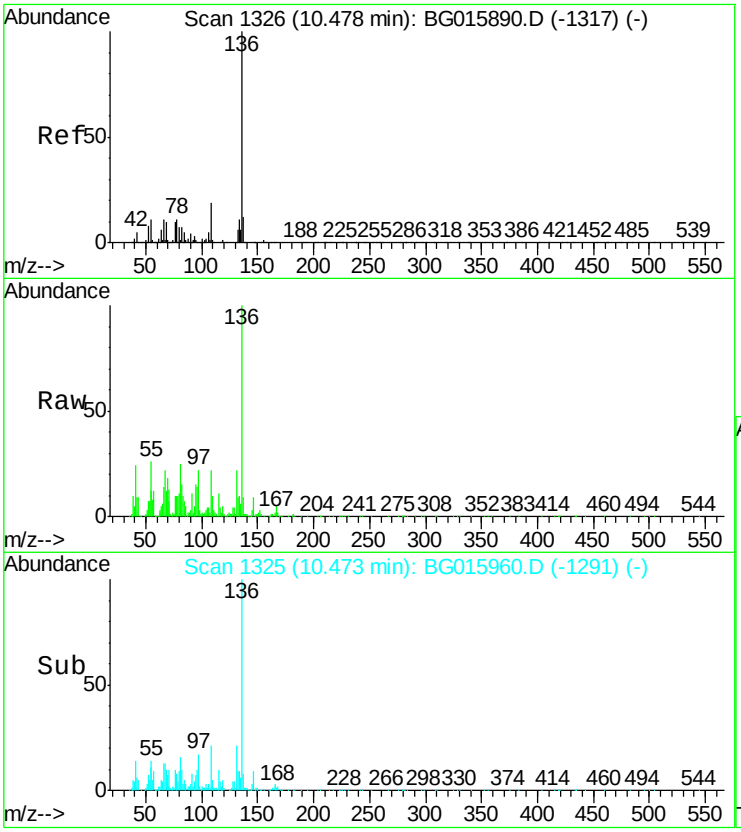


#10
Phenol
Concen: 2.11 ng
RT: 6.89 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Tgt Ion: 94 Resp: 22385

Ion	Ratio	Lower	Upper
94	100		
65	41.1	16.5	56.5
66	87.6	33.3	73.3#



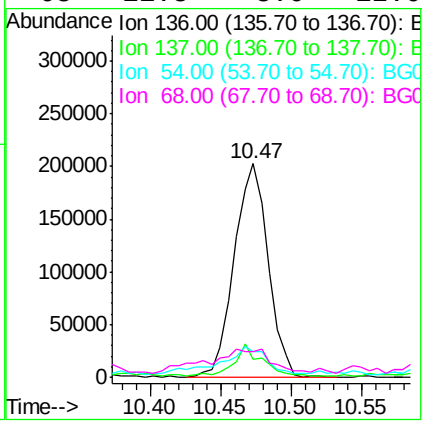


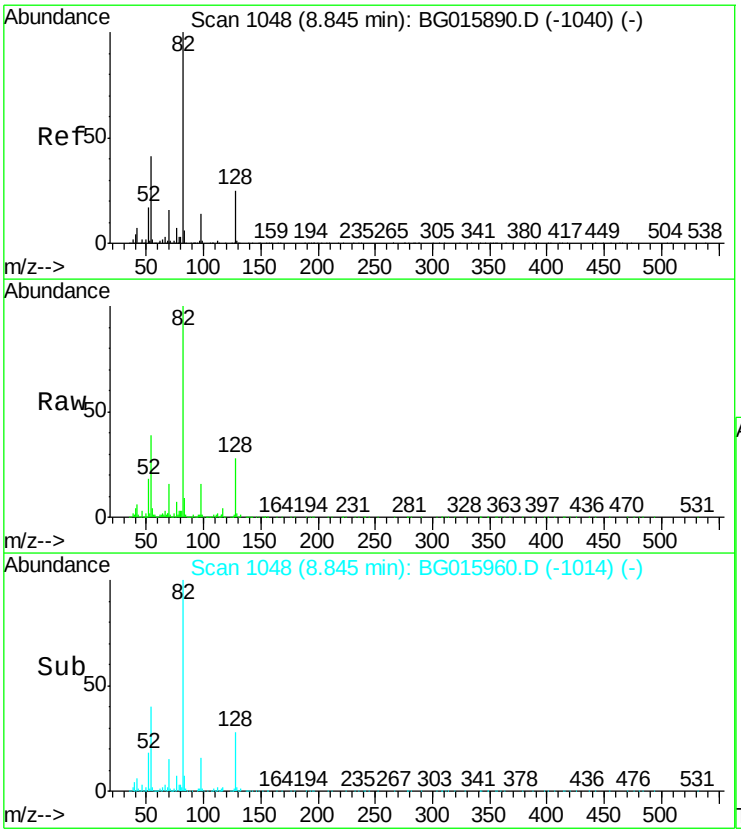
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:136 Resp: 339906

Ion	Ratio	Lower	Upper
136	100		
137	8.7	9.7	14.5#
54	12.1	8.5	12.7
68	11.8	8.0	12.0

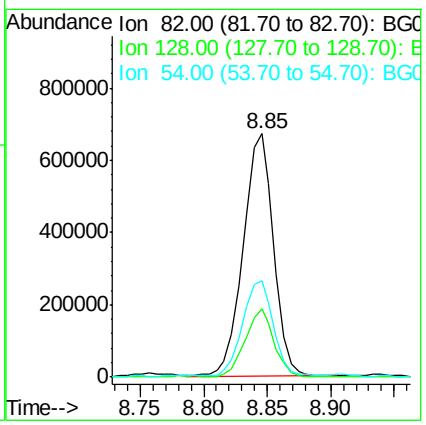


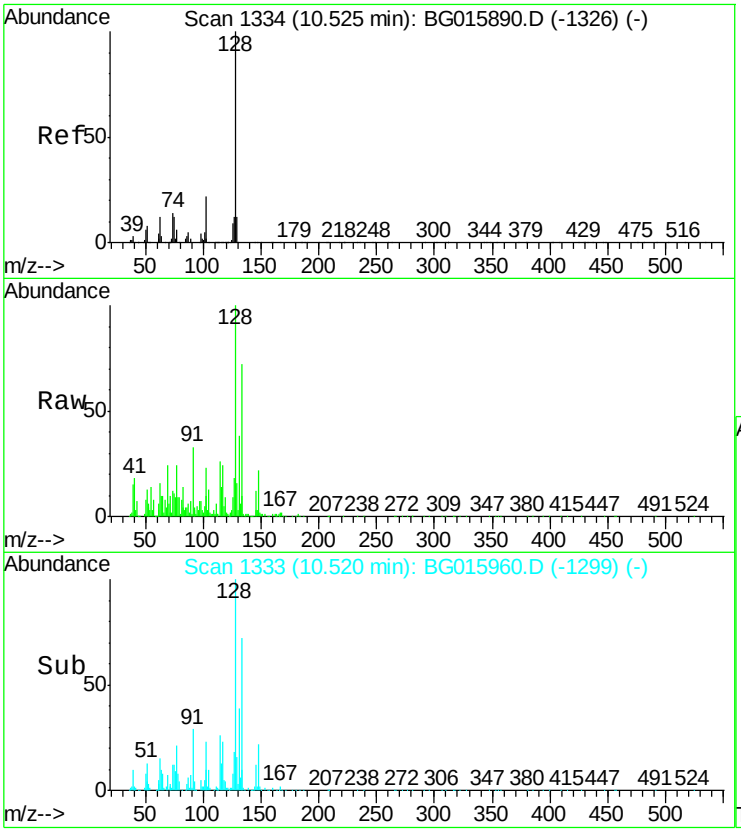


#23
Nitrobenzene-d5
Concen: 94.77 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Tgt Ion: 82 Resp: 1117496

Ion	Ratio	Lower	Upper
82	100		
128	28.1	19.8	29.8
54	39.5	33.0	49.4



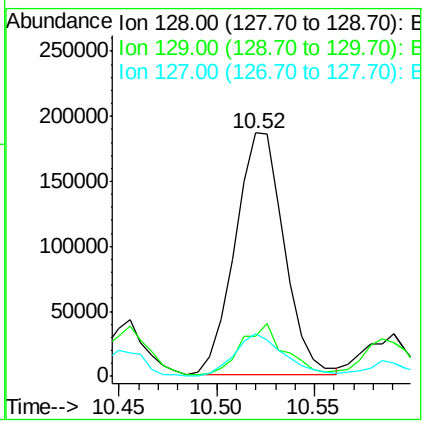


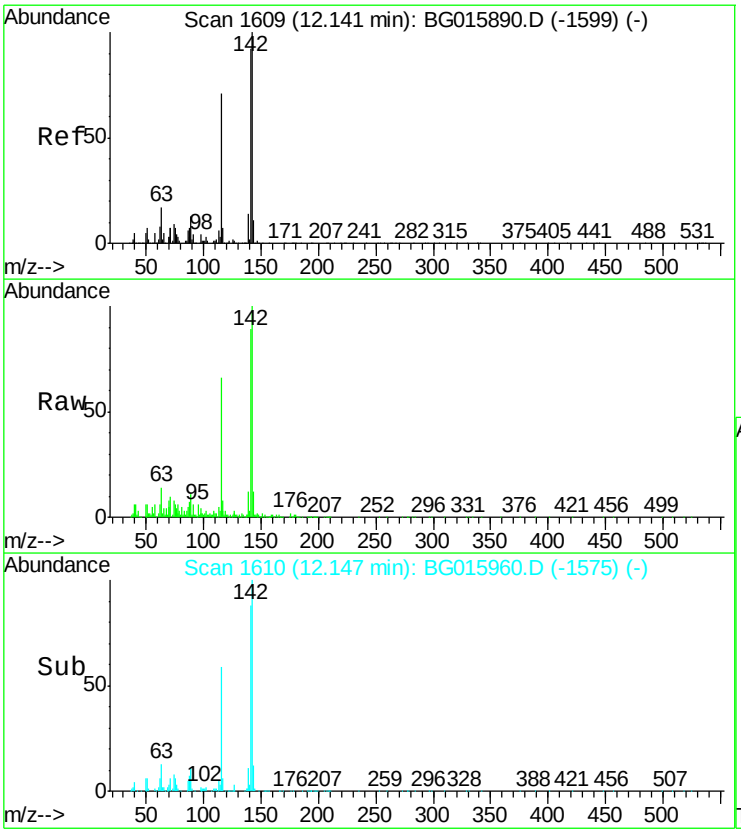
#31
Naphthalene
Concen: 18.70 ng
RT: 10.52 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:128 Resp: 325248

Ion	Ratio	Lower	Upper
128	100		
129	16.4	9.7	14.5#
127	17.7	9.8	14.6#

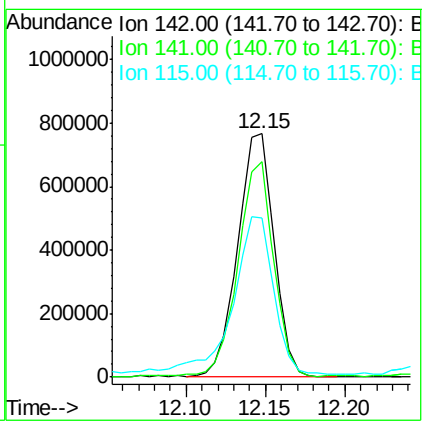


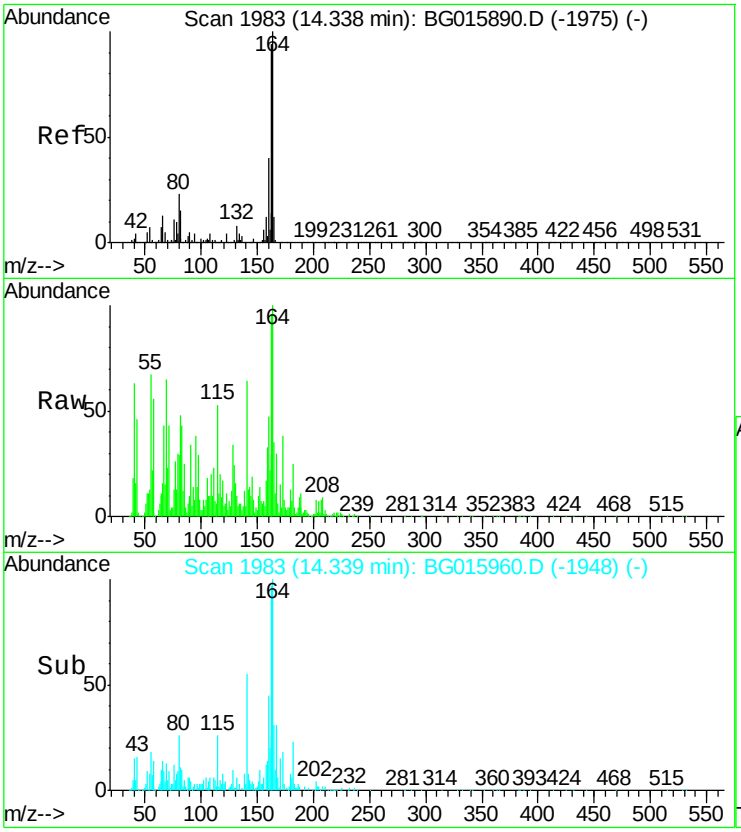


#37
2-Methylnaphthalene
Concen: 88.17 ng
RT: 12.15 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Tgt Ion:142 Resp: 1218192

Ion	Ratio	Lower	Upper
142	100		
141	88.6	73.8	110.8
115	65.6	56.6	84.8



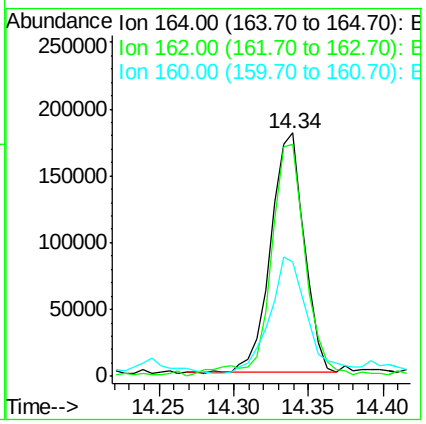


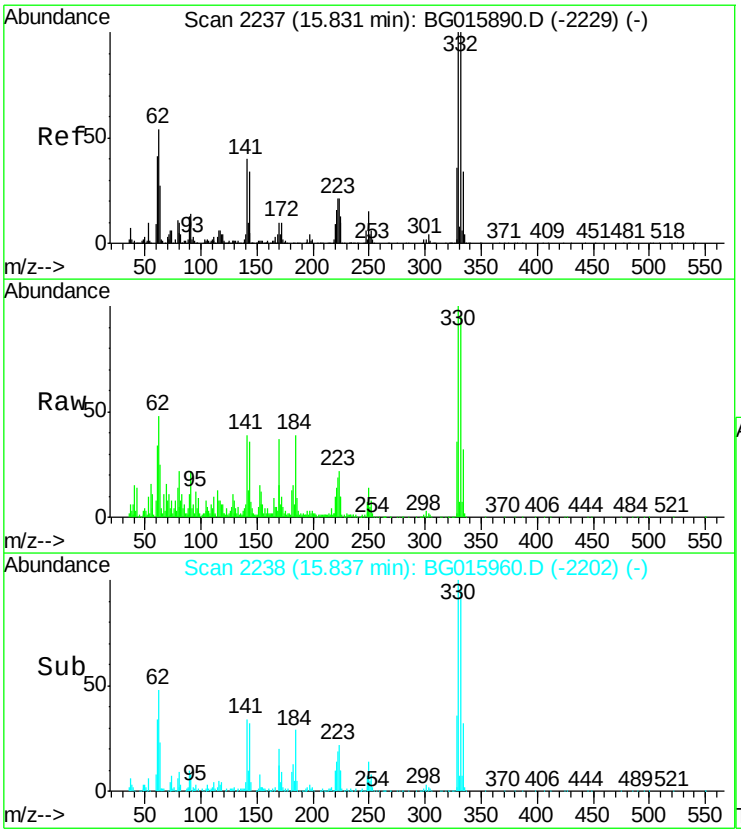
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:164 Resp: 280508

Ion	Ratio	Lower	Upper
164	100		
162	95.6	75.1	112.7
160	47.1	32.3	48.5

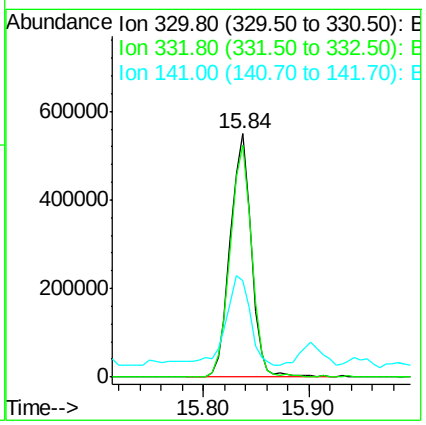


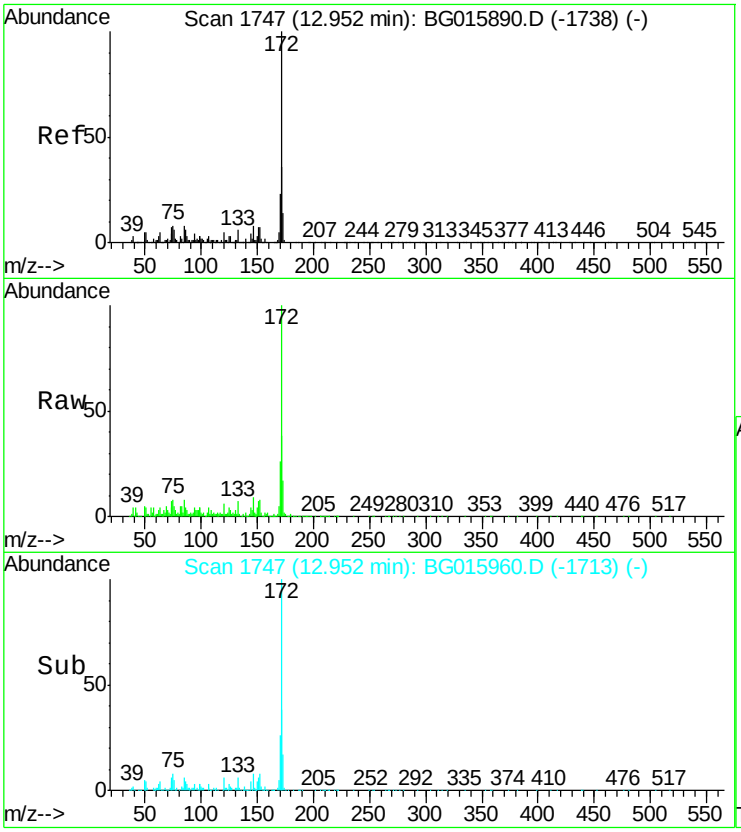


#41
2,4,6-Tribromophenol
Concen: 146.90 ng
RT: 15.84 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Tgt Ion:330 Resp: 754339

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.0
141	43.0	33.0	49.6



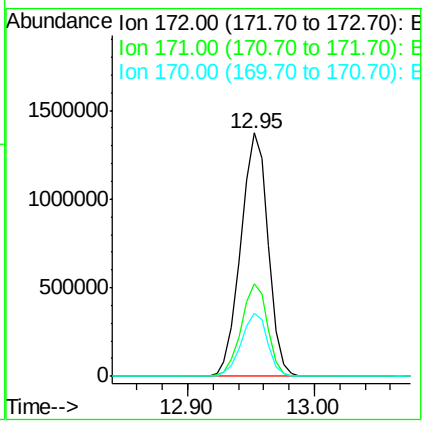


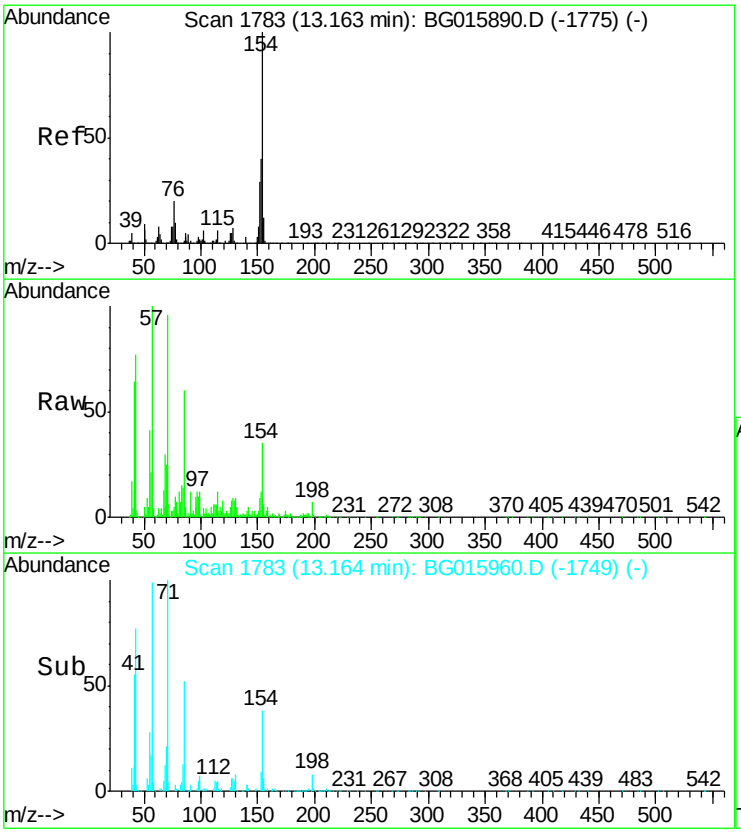
#44
2-Fluorobiphenyl
Concen: 114.43 ng
RT: 12.95 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:172 Resp: 2045744

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.2	43.8
170	25.8	18.6	27.8

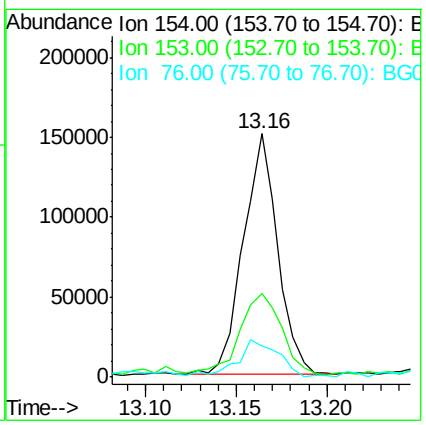


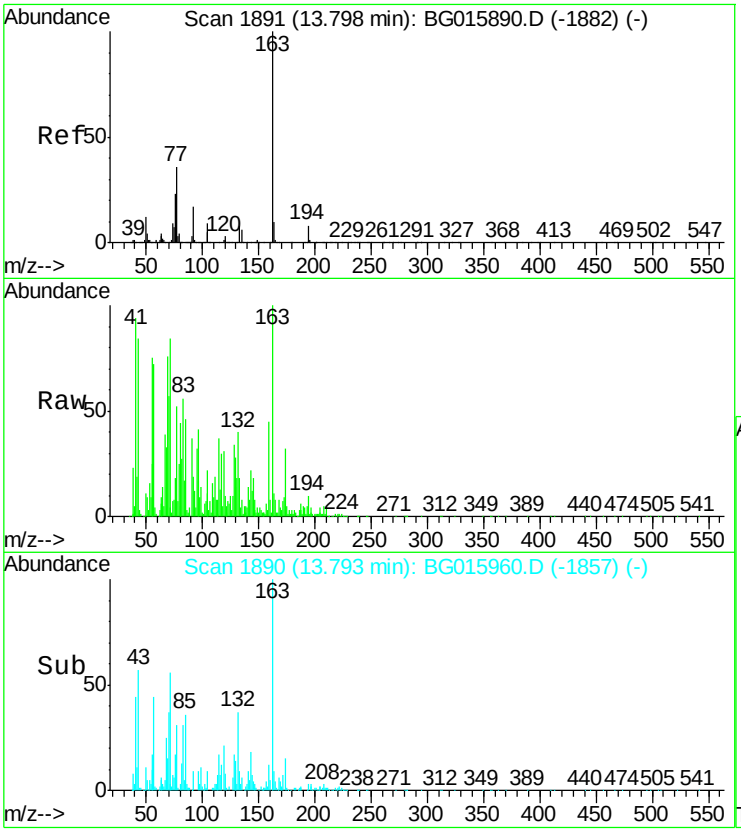


#45
1,1'-Biphenyl
Concen: 11.27 ng
RT: 13.16 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Tgt Ion:154 Resp: 199591

Ion	Ratio	Lower	Upper
154	100		
153	34.2	20.4	60.4
76	12.8	0.2	40.2



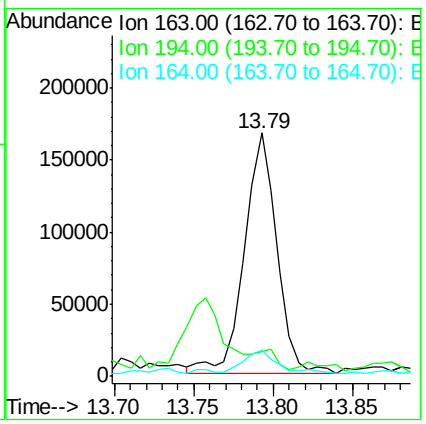


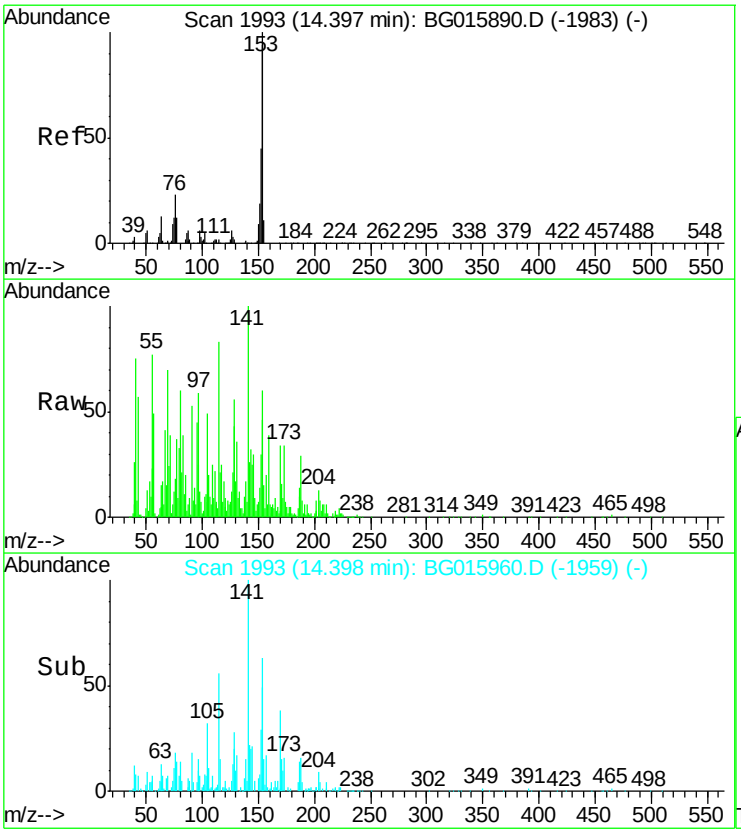
#49
Dimethylphthalate
Concen: 11.72 ng
RT: 13.79 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:163 Resp: 236478

Ion	Ratio	Lower	Upper
163	100		
194	9.9	6.2	9.4#
164	10.8	8.0	12.0

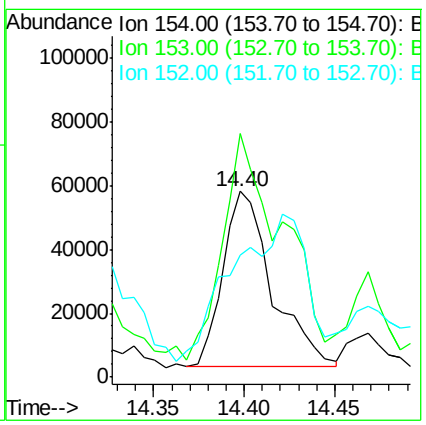


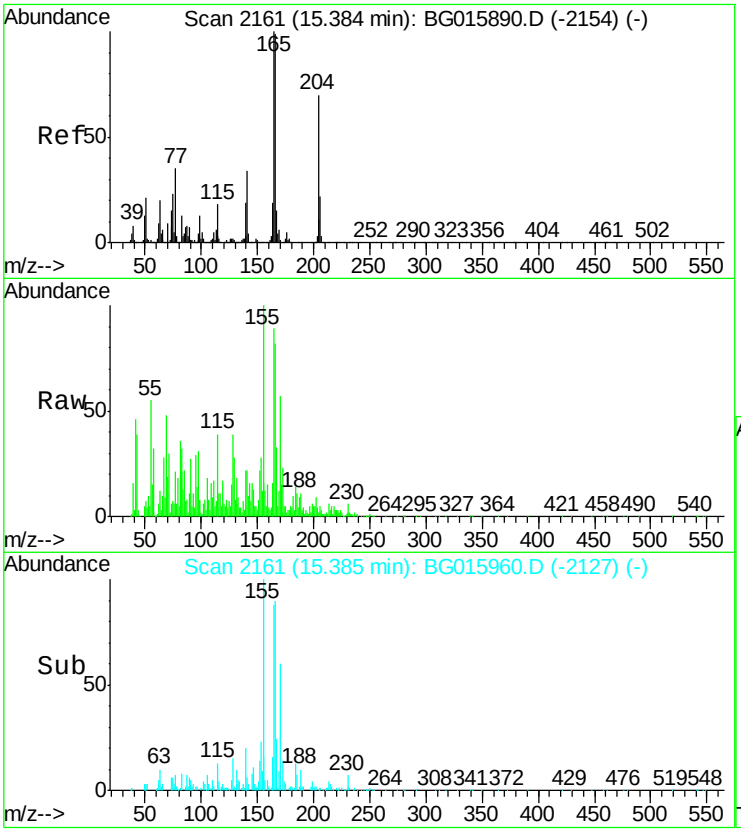


#51
Acenaphthene
Concen: 7.28 ng
RT: 14.40 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Tgt Ion:154 Resp: 103868

Ion	Ratio	Lower	Upper
154	100		
153	130.9	85.1	127.7#
152	65.6	38.3	57.5#



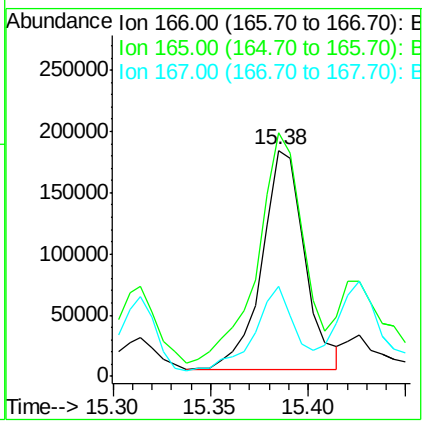


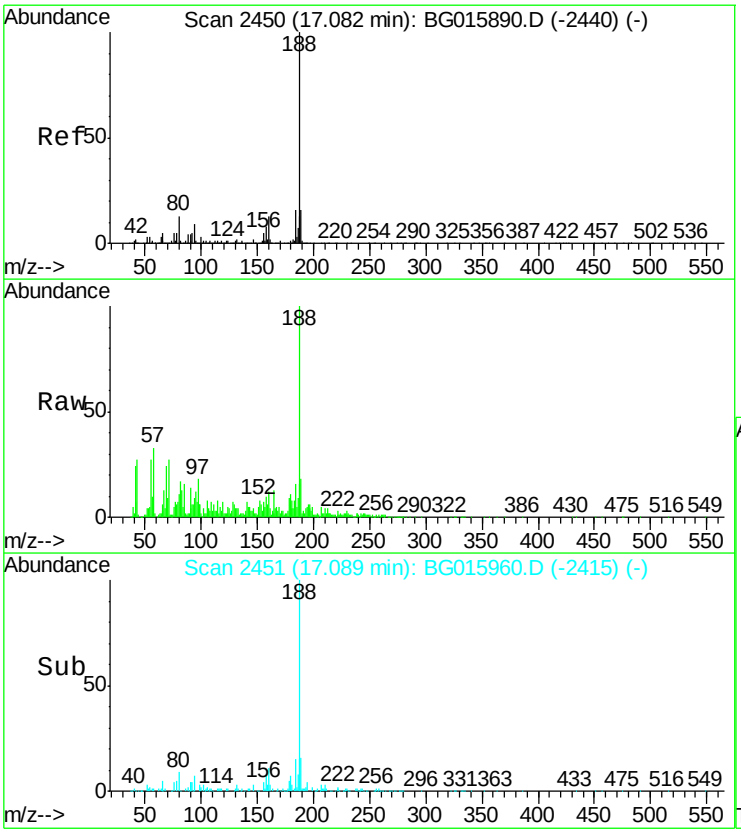
#57
Fluorene
Concen: 12.84 ng
RT: 15.38 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:166 Resp: 272582

Ion	Ratio	Lower	Upper
166	100		
165	107.7	80.6	120.8
167	39.6	12.5	18.7#

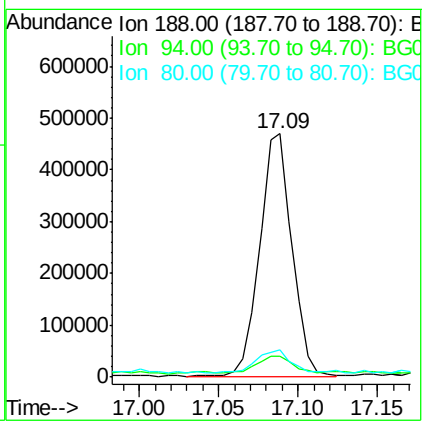


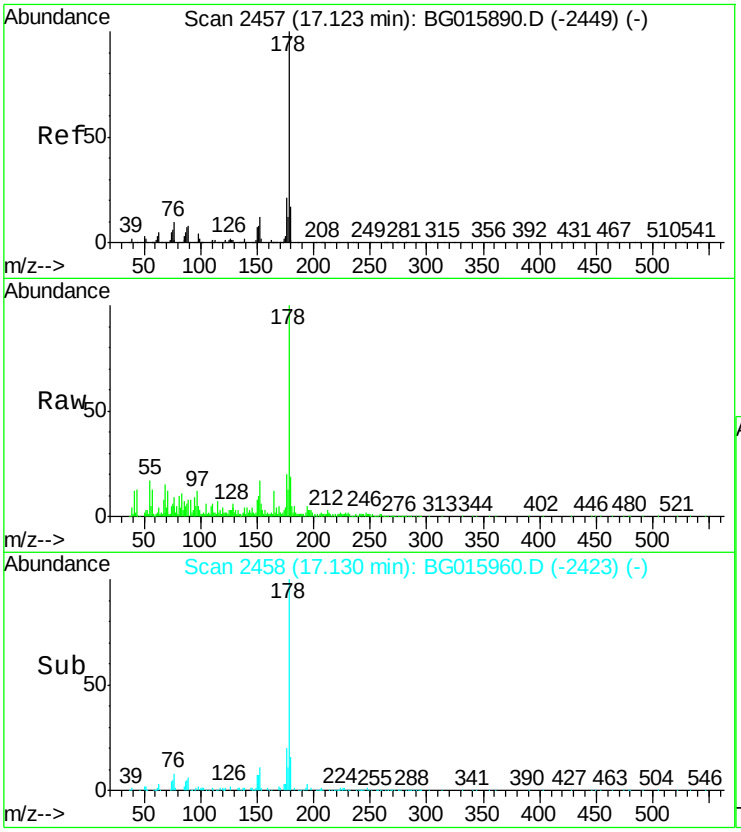


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Tgt Ion:188 Resp: 661207

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.8	11.8
80	11.1	10.6	16.0



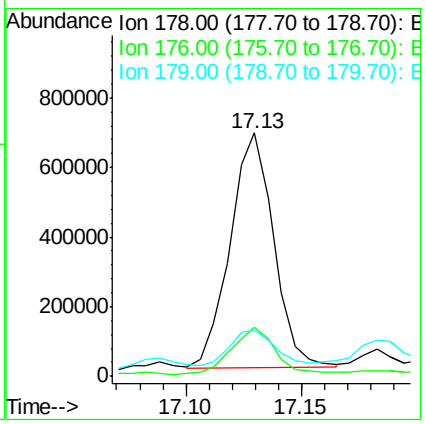


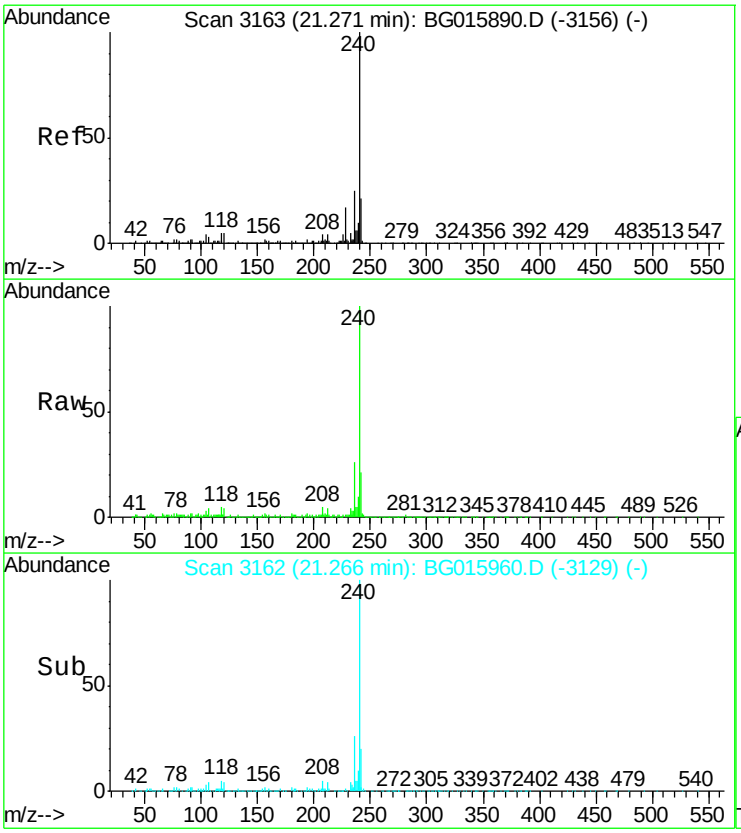
#70
Phenanthrene
Concen: 26.86 ng
RT: 17.13 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:178 Resp: 891040

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.9	25.3
179	19.2	13.3	19.9

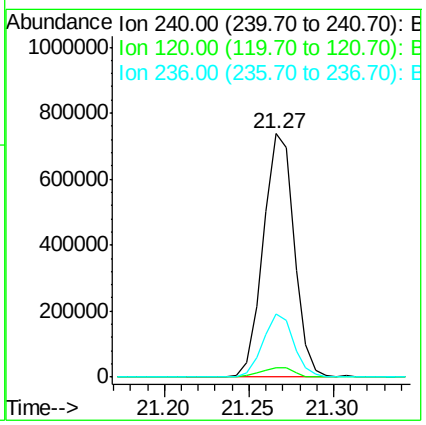


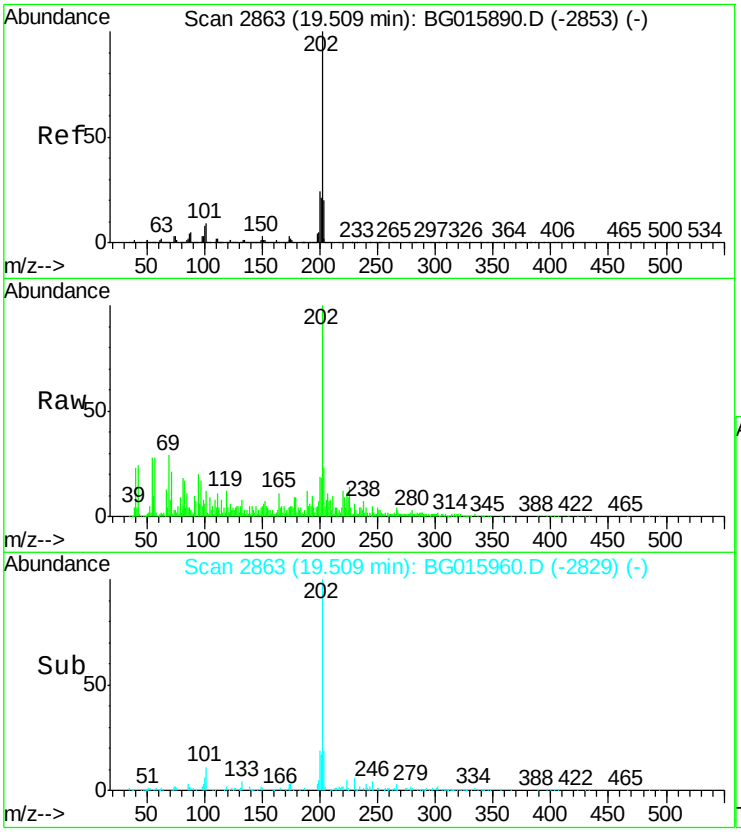


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Tgt Ion:240 Resp: 932158

Ion	Ratio	Lower	Upper
240	100		
120	3.9	3.9	5.9#
236	26.0	20.0	30.0



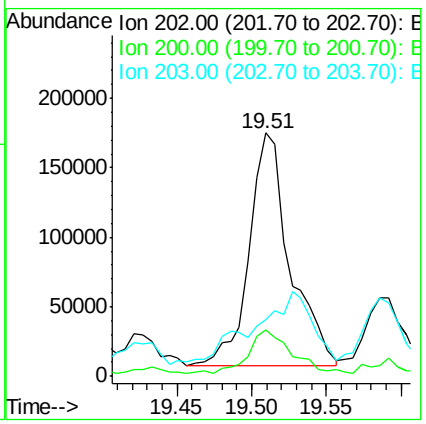


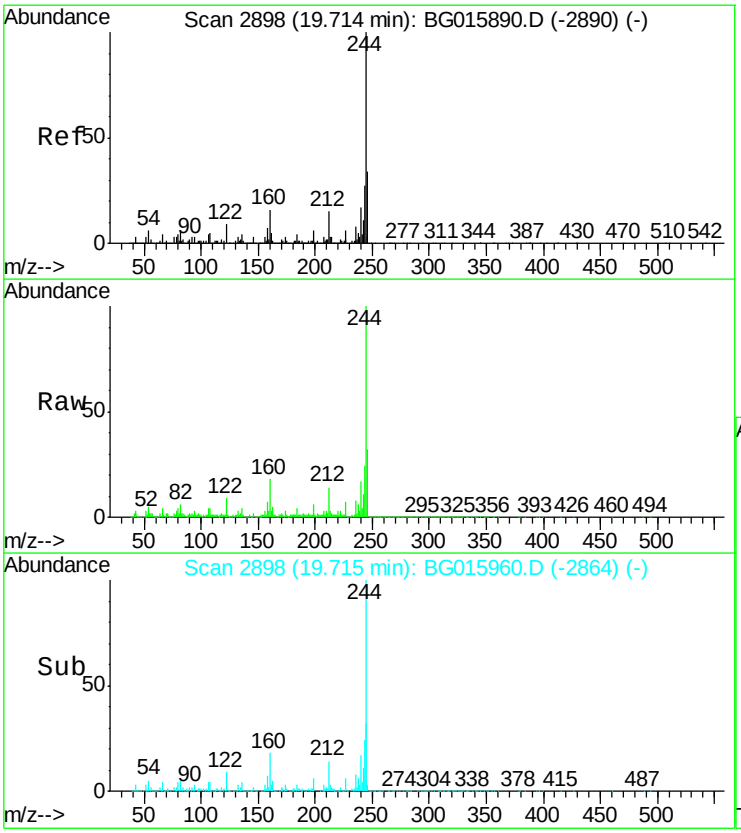
#77
Pyrene
Concen: 7.10 ng
RT: 19.51 min Scan# 2863
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:202 Resp: 314701

Ion	Ratio	Lower	Upper
202	100		
200	19.0	19.3	28.9#
203	23.1	15.9	23.9

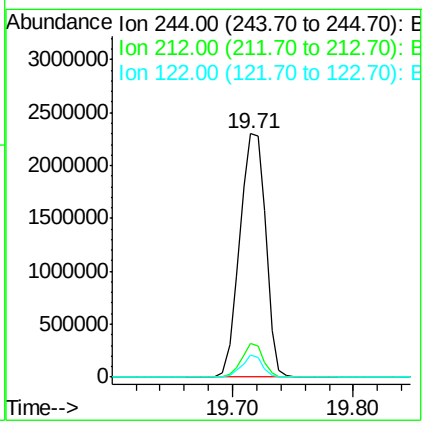


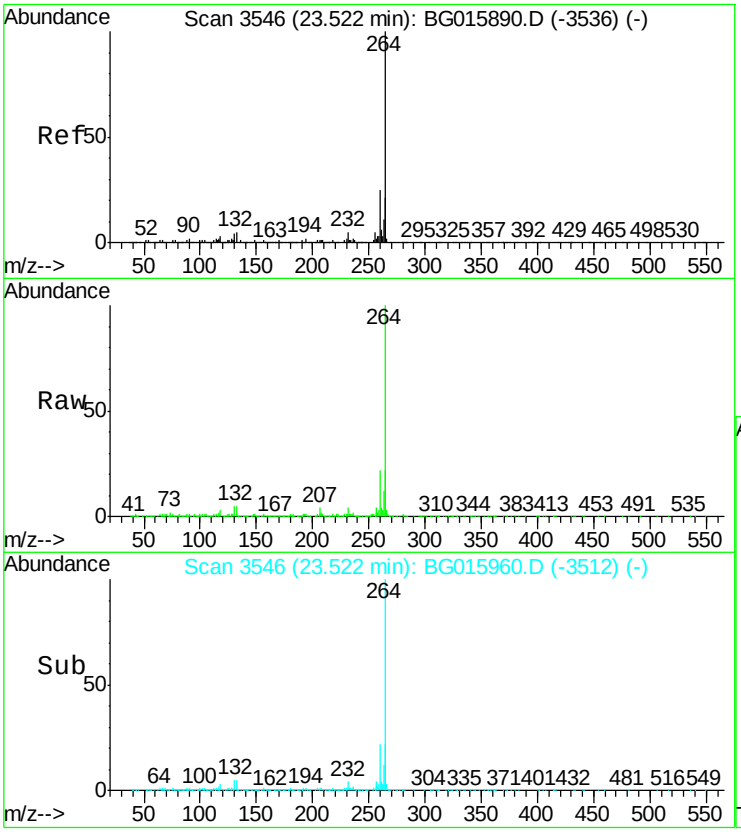


#78
Terphenyl-d14
Concen: 128.69 ng
RT: 19.71 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Tgt Ion:244 Resp: 3459653

Ion	Ratio	Lower	Upper
244	100		
212	13.8	11.6	17.4
122	8.9	7.0	10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG015960.D
Acq: 28 Jan 2015 00:17

Instrument :
BNA_G
ClientSampleId :
121B4

Tgt Ion:264 Resp: 970162

Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.7	29.5
265	21.6	17.3	25.9