Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015939.D
Acq On : 27 Jan 2015 9:44
Operator : TP/IZ
Sample : G1139-03
Misc : S
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2B

Quant Time: Jan 27 10:32:11 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 17:47:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	92052	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	415862	20.00	ng		0.00
38) Acenaphthene-d10	14.34	164	340153	20.00	ng		0.00
63) Phenanthrene-d10	17.09	188	715517	20.00	ng		0.01
75) Chrysene-d12	21.27	240	962850	20.00	ng		0.00
86) Perylene-d12	23.52	264	990591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	440638	71.28	ng		0.00
7) Phenol-d6	6.87	99	682600	68.52	ng		0.00
23) Nitrobenzene-d5	8.84	82	633407	43.91	ng		0.00
41) 2,4,6-Tribromophenol	15.84	330	379935	61.01	ng		0.01
44) 2-Fluorobiphenyl	12.96	172	1096157	50.56	ng		0.00
78) Terphenyl-d14	19.72	244	2223165	59.00	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.53	128	1051901	49.42	ng	#	92
37) 2-Methylnaphthalene	12.16	142	3343164	197.78	ng		97
45) 1,1'-Biphenyl	13.18	154	726324	33.83	ng		93
51) Acenaphthene	14.41	154	271357	15.69	ng	#	82
57) Fluorene	15.40	166	680429	26.43	ng	#	92
70) Phenanthrene	17.14	178	2283461	63.61	ng	#	93
74) Fluoranthene	19.16	202	147485	3.08	ng		73
77) Pyrene	19.51	202	730149	15.96	ng	#	91

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

Quantitation Report (LSC Reviewed)

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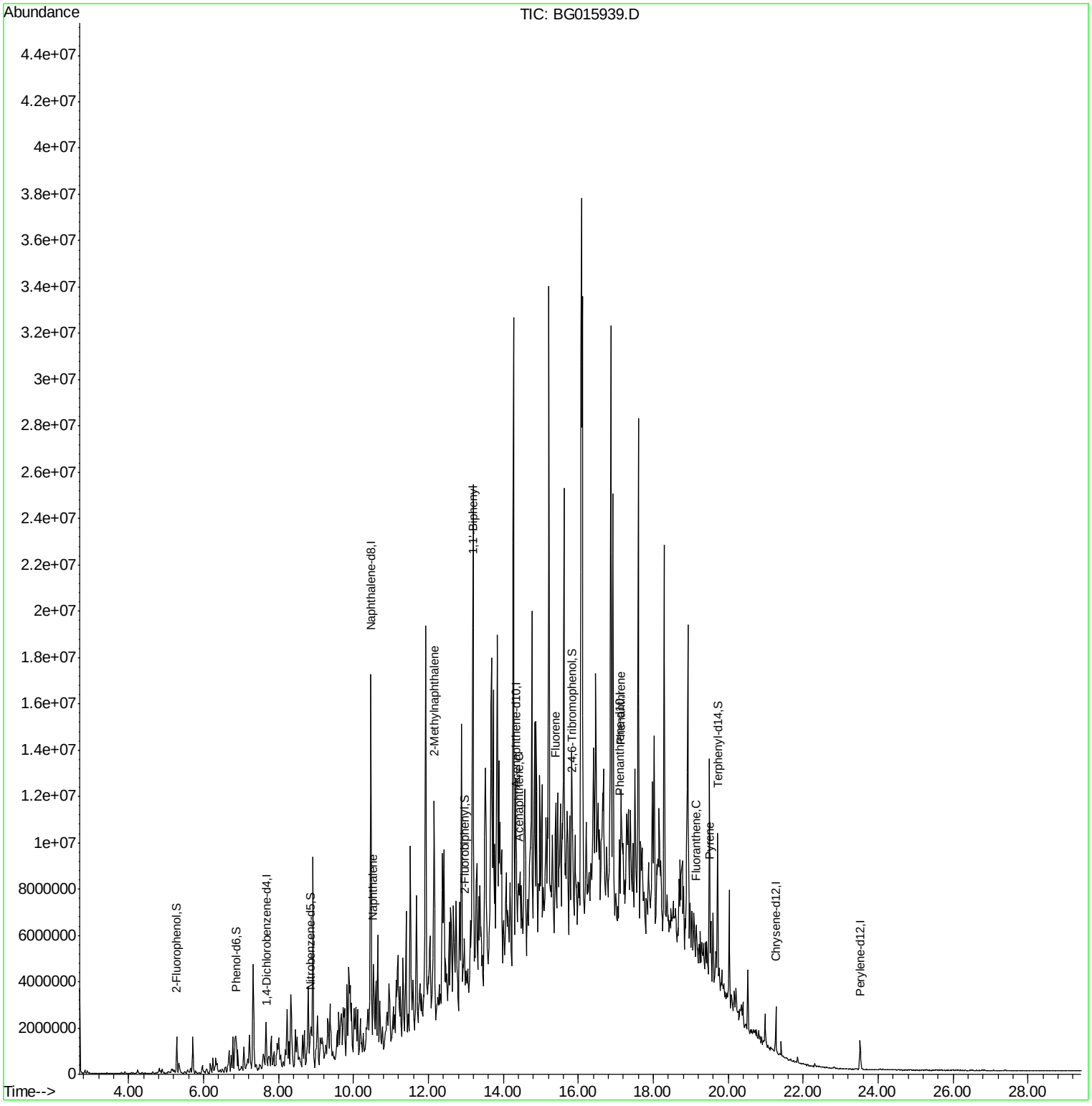
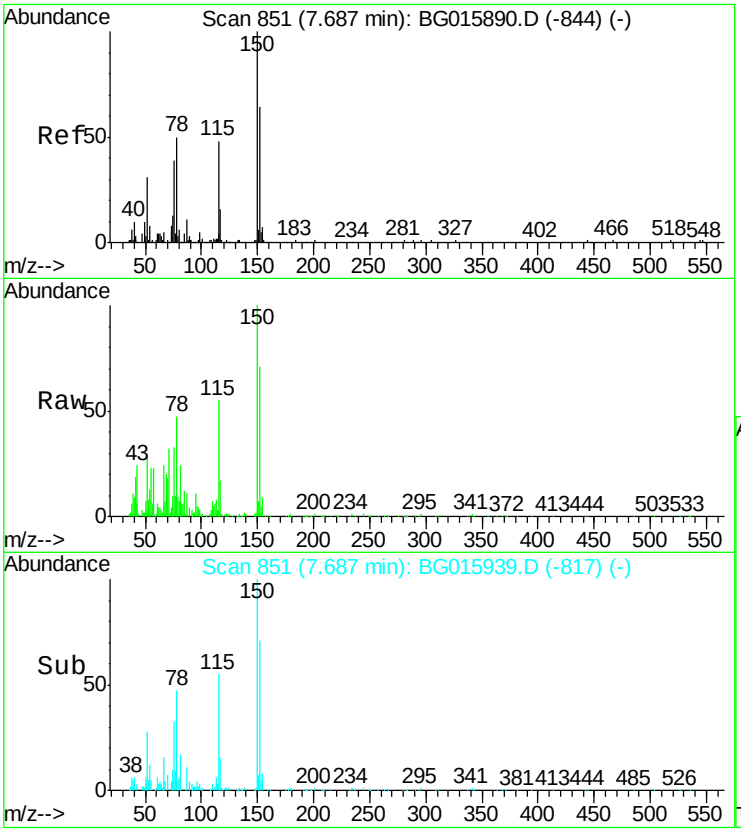


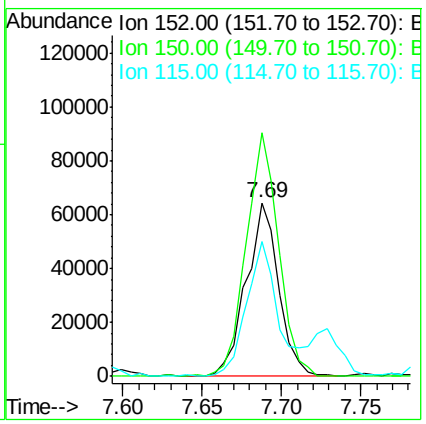


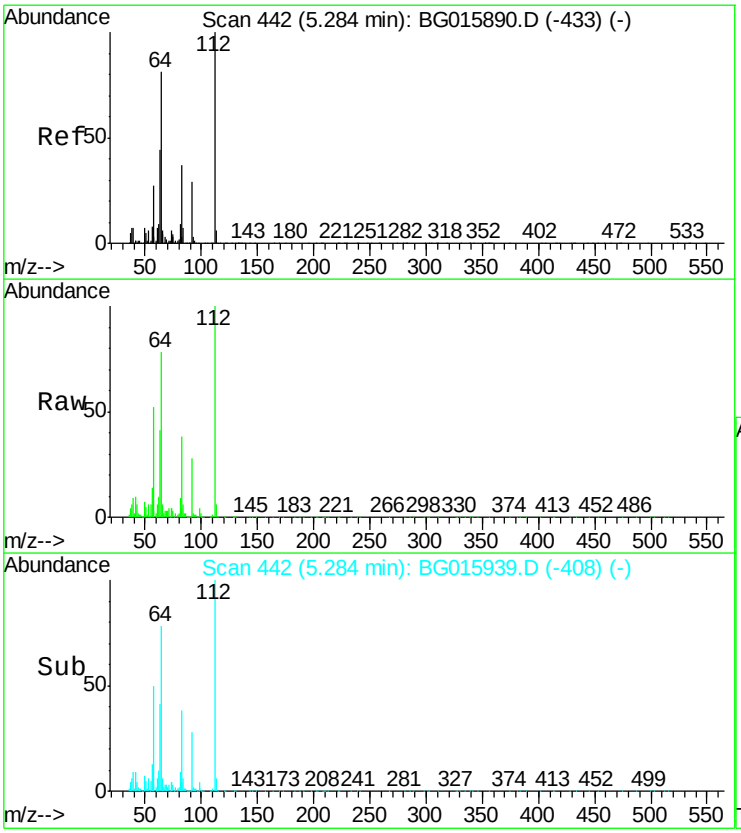
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Instrument :
BNA_G
ClientSampleId :
121B2B

Tgt Ion:152 Resp: 92052

Ion	Ratio	Lower	Upper
152	100		
150	140.2	124.5	186.7
115	77.6	60.4	90.6

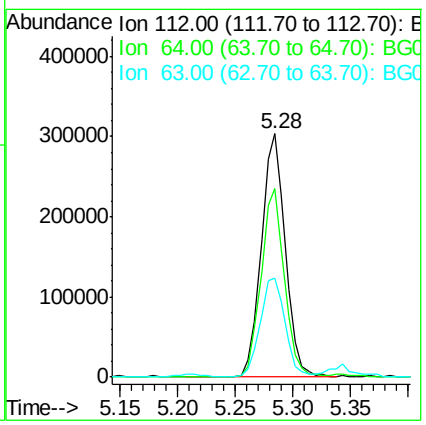


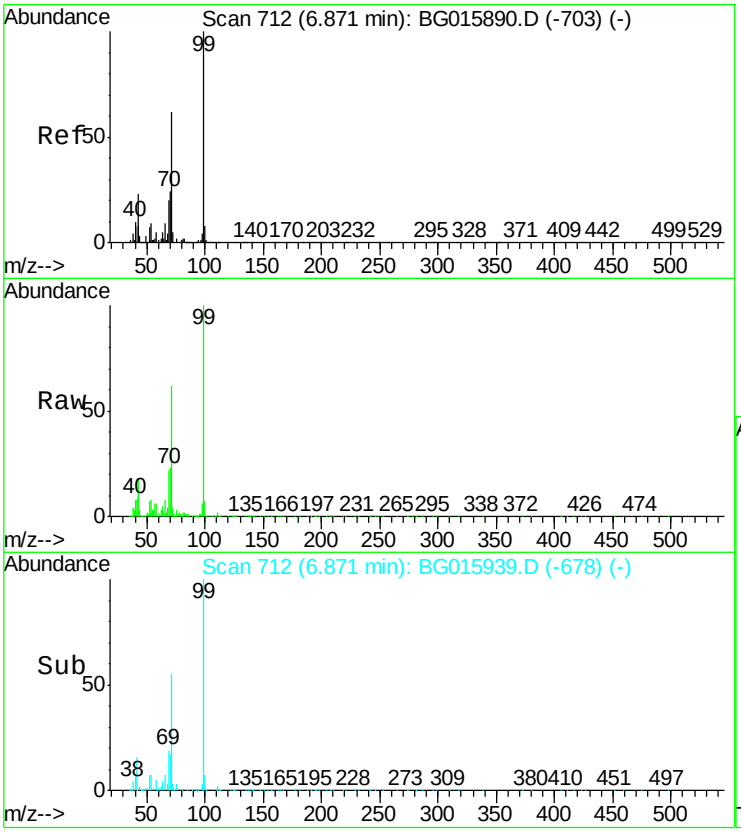


#5
2-Fluorophenol
Concen: 71.28 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Tgt Ion:112 Resp: 440638

Ion	Ratio	Lower	Upper
112	100		
64	77.6	64.4	96.6
63	40.9	35.1	52.7



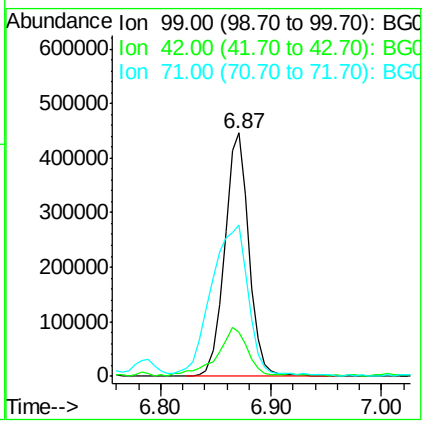


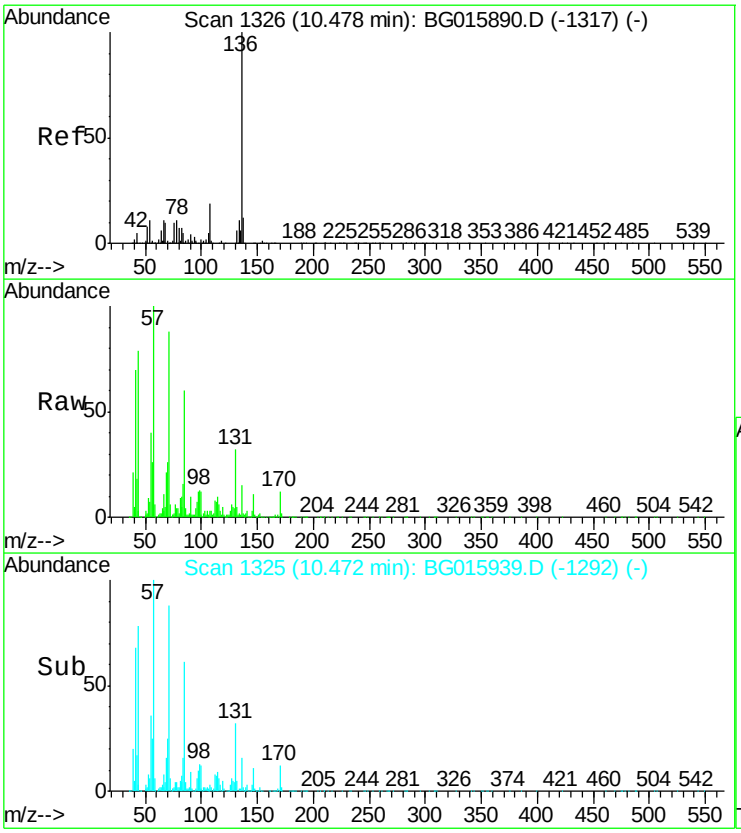
#7
Phenol-d6
Concen: 68.52 ng
RT: 6.87 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Instrument :
BNA_G
ClientSampleId :
121B2B

Tgt Ion: 99 Resp: 682600

Ion	Ratio	Lower	Upper
99	100		
42	18.0	18.1	27.1#
71	62.0	49.8	74.8

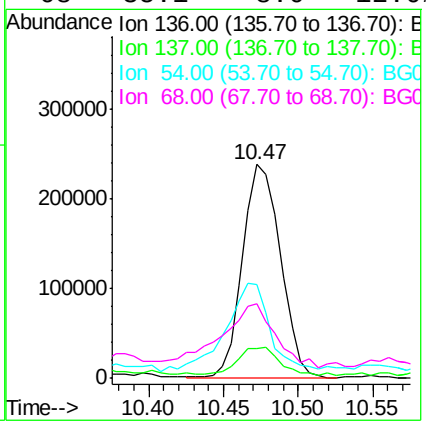


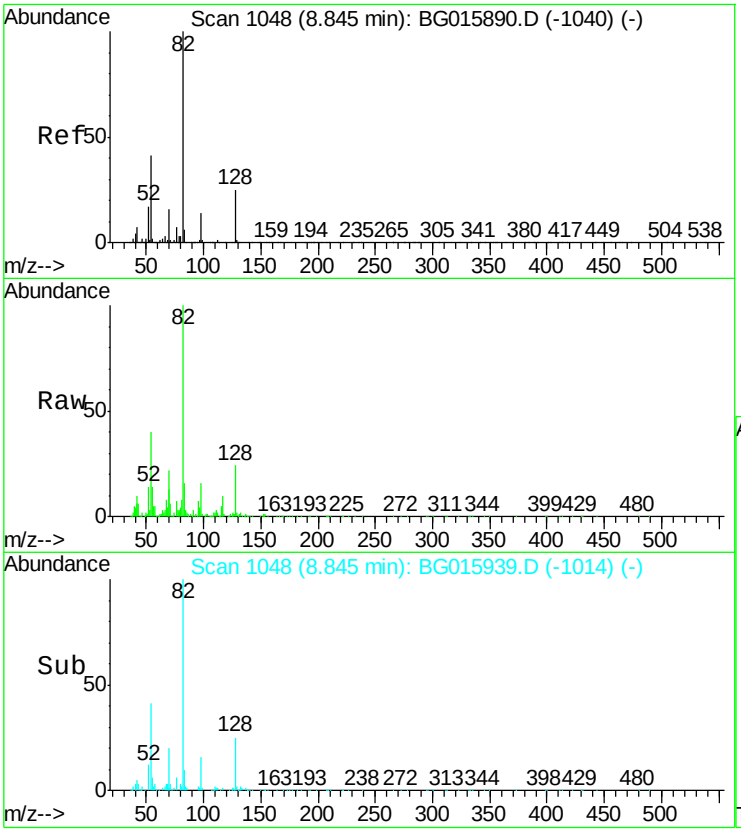


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Tgt Ion:136 Resp: 415862

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.7	14.5
54	43.7	8.5	12.7#
68	35.1	8.0	12.0#



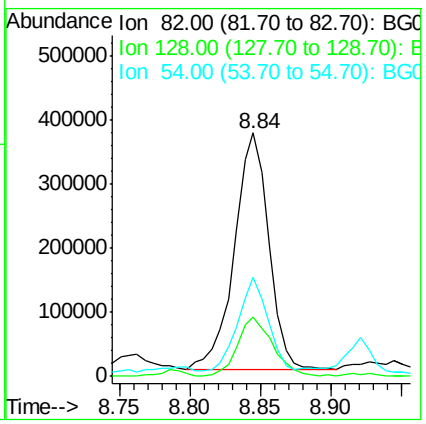


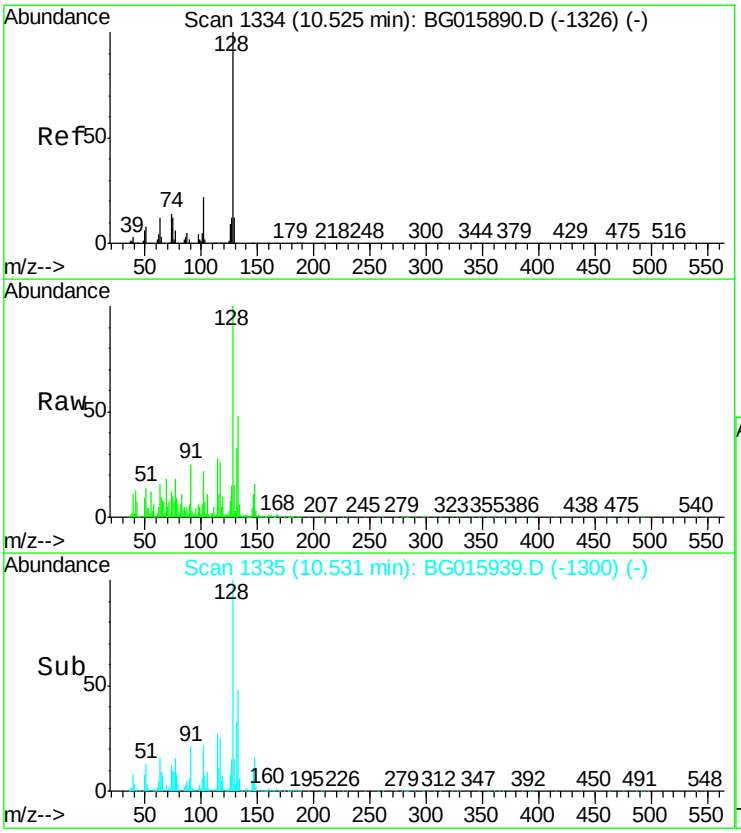
#23
Nitrobenzene-d5
Concen: 43.91 ng
RT: 8.84 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Instrument :
BNA_G
ClientSampleId :
121B2B

Tgt Ion: 82 Resp: 633407

Ion	Ratio	Lower	Upper
82	100		
128	24.5	19.8	29.8
54	40.4	33.0	49.4

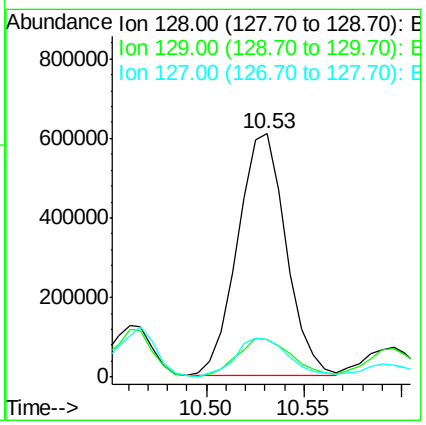


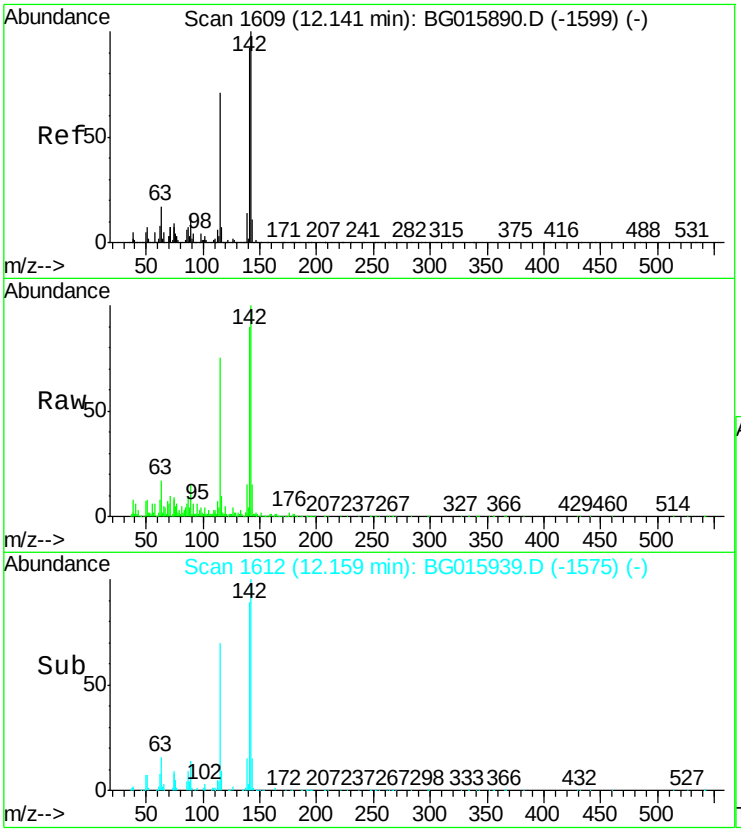


#31
Naphthalene
Concen: 49.42 ng
RT: 10.53 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Tgt Ion:128 Resp: 1051901

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.7	14.5#
127	15.4	9.8	14.6#



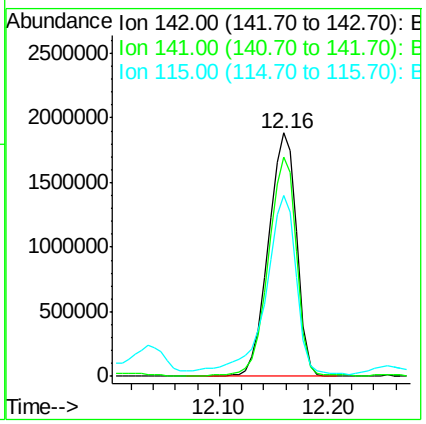


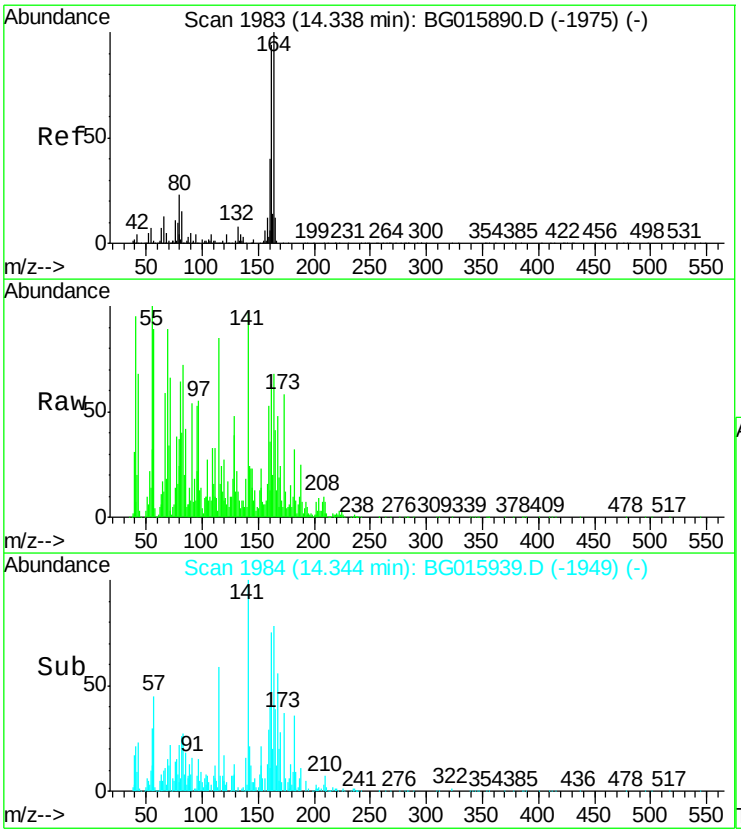
#37
2-Methylnaphthalene
Concen: 197.78 ng
RT: 12.16 min Scan# 1612
Delta R.T. 0.02 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Instrument :
BNA_G
ClientSampleId :
121B2B

Tgt Ion:142 Resp: 3343164

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.8	110.8
115	74.5	56.6	84.8

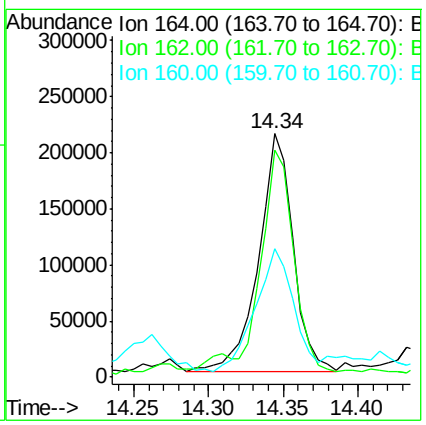


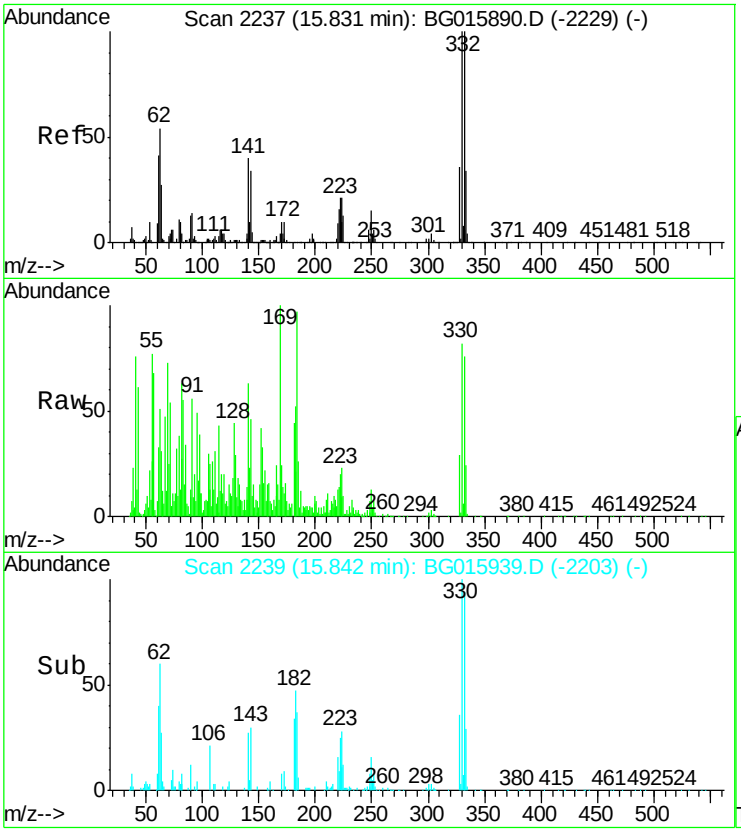


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Tgt Ion:164 Resp: 340153

Ion	Ratio	Lower	Upper
164	100		
162	93.0	75.1	112.7
160	52.8	32.3	48.5#



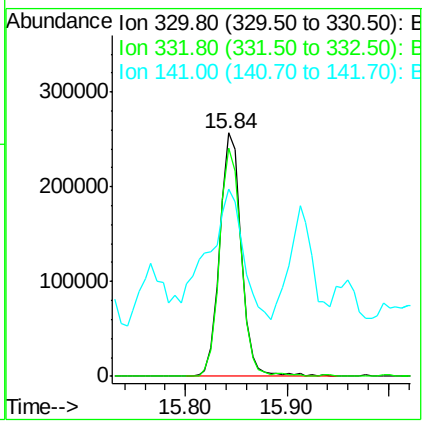


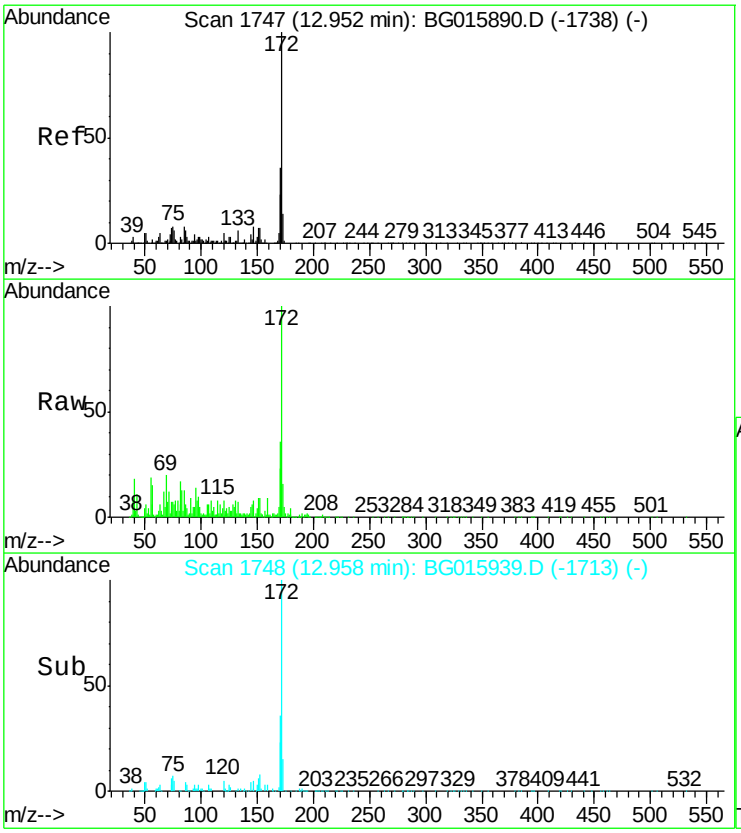
#41
2,4,6-Tribromophenol
Concen: 61.01 ng
RT: 15.84 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Instrument :
BNA_G
ClientSampleId :
121B2B

Tgt Ion:330 Resp: 379935

Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.0
141	86.2	33.0	49.6#

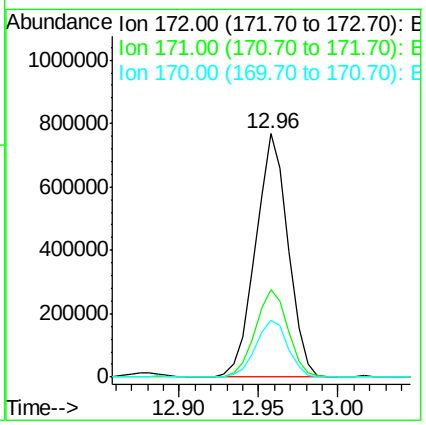


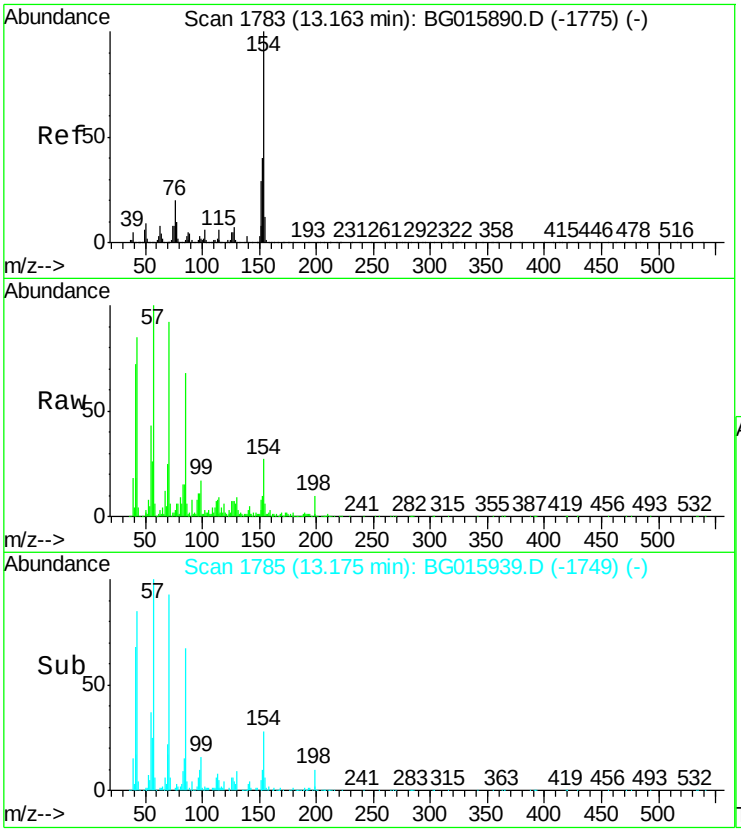


#44
2-Fluorobiphenyl
Concen: 50.56 ng
RT: 12.96 min Scan# 1748
Delta R.T. 0.01 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Tgt Ion:172 Resp: 1096157

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.3	18.6	27.8



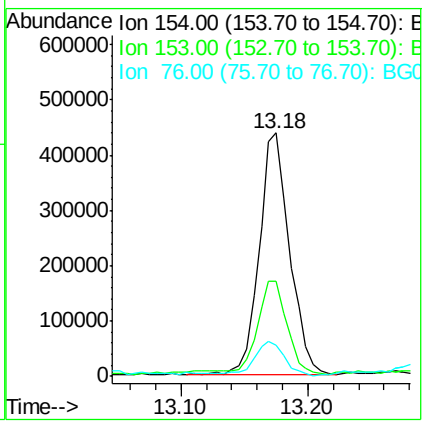


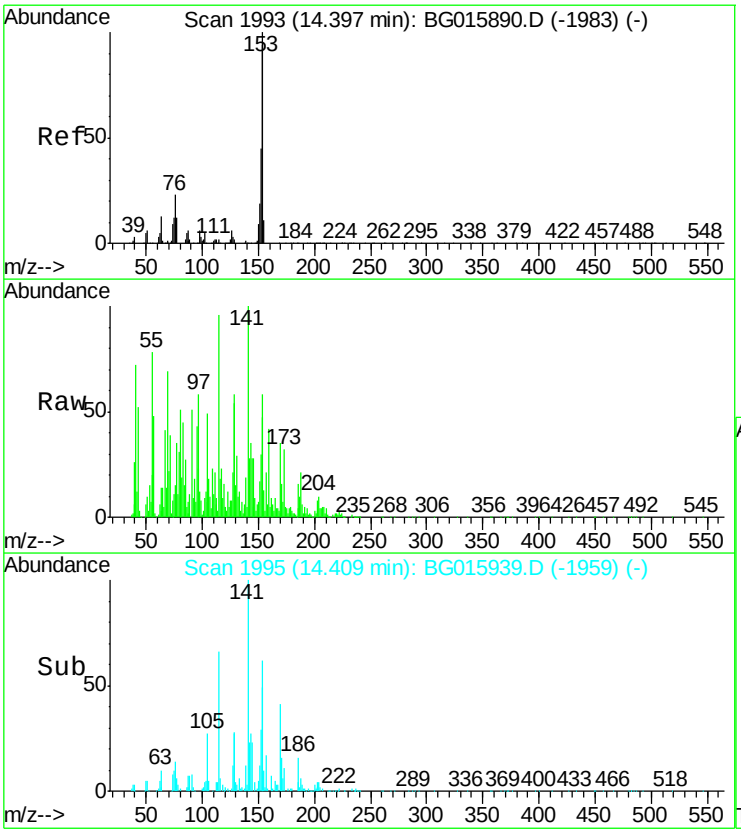
#45
1,1'-Biphenyl
Concen: 33.83 ng
RT: 13.18 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Instrument :
BNA_G
ClientSampleId :
121B2B

Tgt Ion:154 Resp: 726324

Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.4	60.4
76	13.0	0.2	40.2

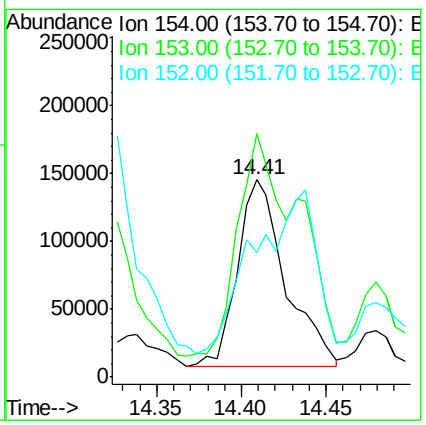


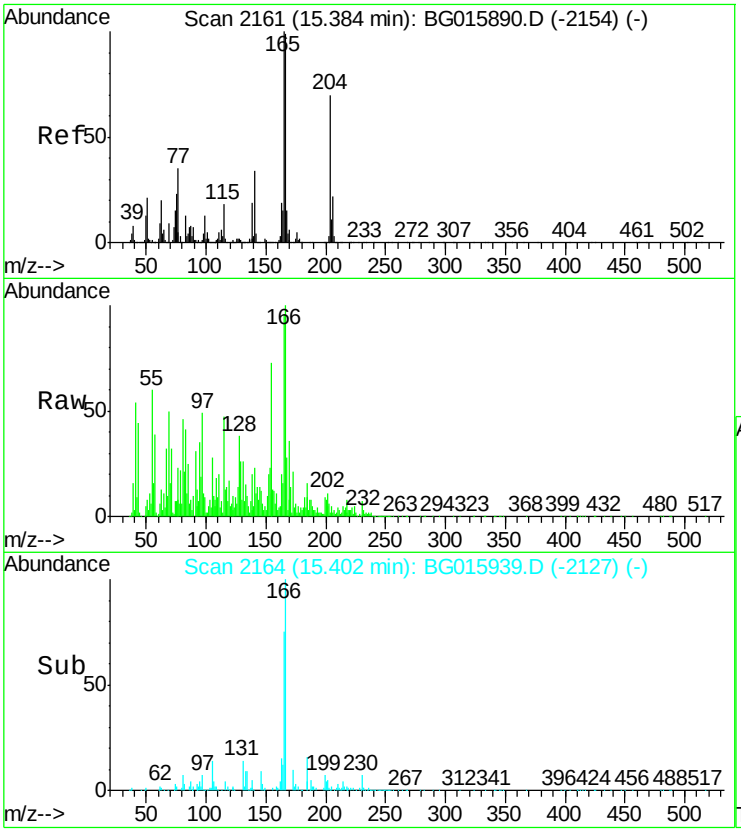


#51
Acenaphthene
Concen: 15.69 ng
RT: 14.41 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Tgt Ion:154 Resp: 271357

Ion	Ratio	Lower	Upper
154	100		
153	123.6	85.1	127.7
152	63.1	38.3	57.5#



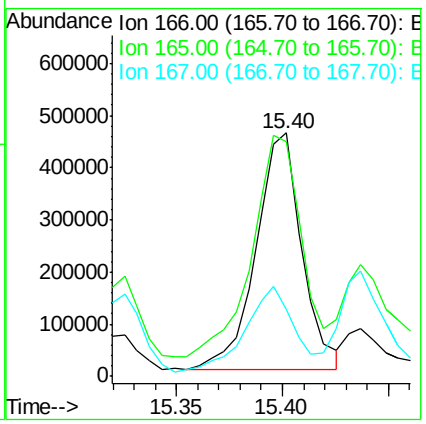


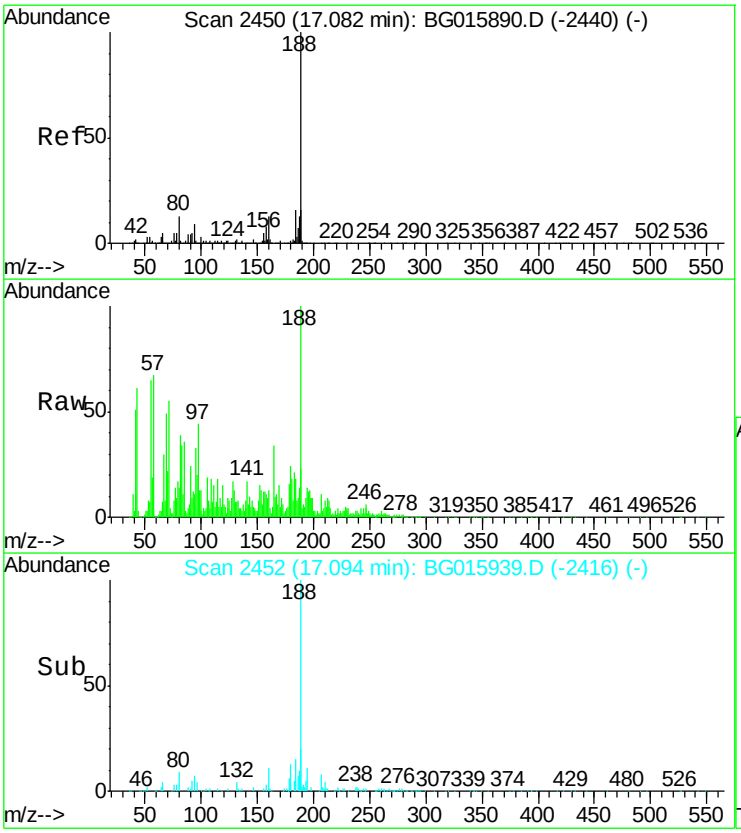
#57
Fluorene
Concen: 26.43 ng
RT: 15.40 min Scan# 2164
Delta R.T. 0.02 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Instrument :
BNA_G
ClientSampleId :
121B2B

Tgt Ion:166 Resp: 680429

Ion	Ratio	Lower	Upper
166	100		
165	96.2	80.6	120.8
167	27.6	12.5	18.7#

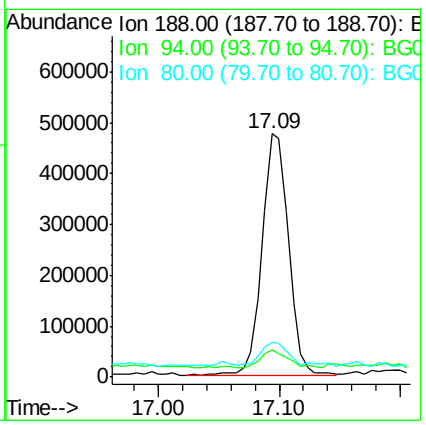


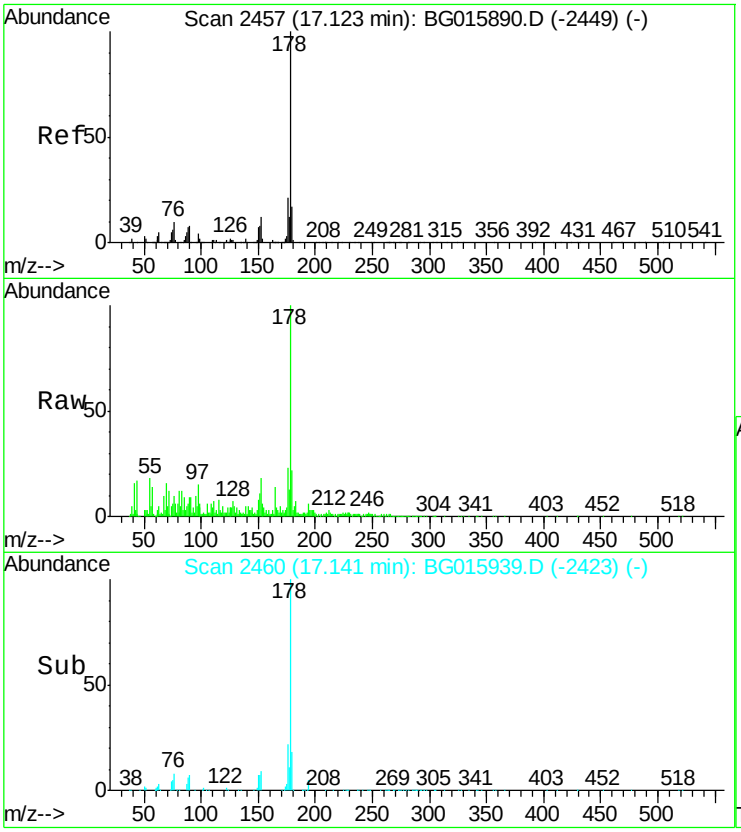


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2452
Delta R.T. 0.01 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Tgt Ion:188 Resp: 715517

Ion	Ratio	Lower	Upper
188	100		
94	11.1	7.8	11.8
80	14.2	10.6	16.0



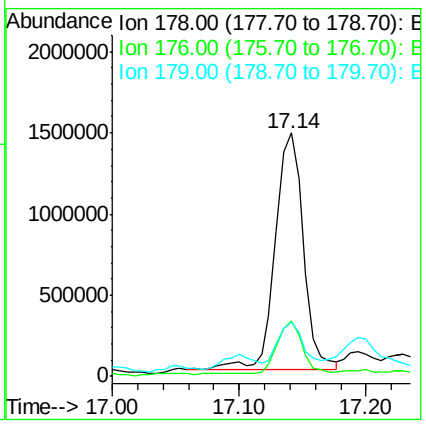


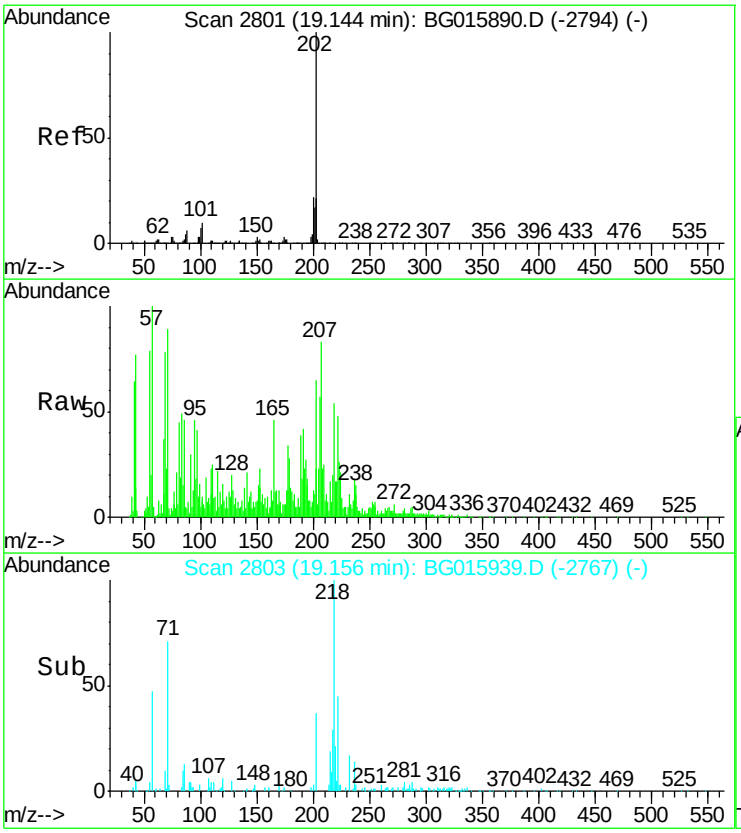
#70
Phenanthrene
Concen: 63.61 ng
RT: 17.14 min Scan# 2460
Delta R.T. 0.02 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Instrument :
BNA_G
ClientSampleId :
121B2B

Tgt Ion:178 Resp: 2283461

Ion	Ratio	Lower	Upper
178	100		
176	22.6	16.9	25.3
179	22.2	13.3	19.9#

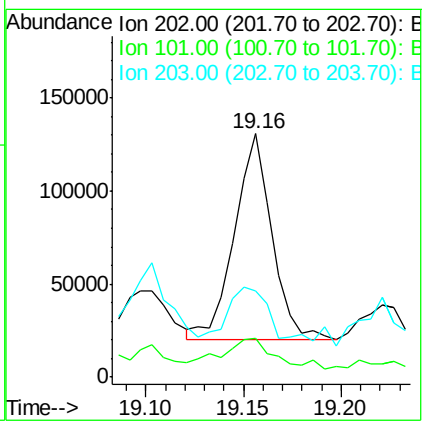


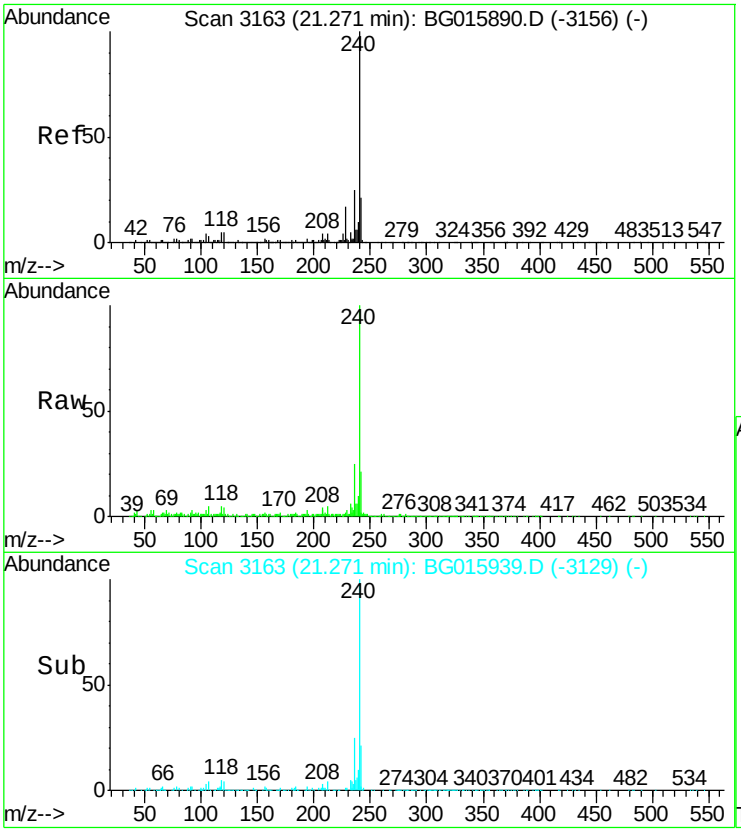


#74
Fluoranthene
Concen: 3.08 ng
RT: 19.16 min Scan# 2803
Delta R.T. 0.01 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Tgt Ion:202 Resp: 147485

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	29.5
203	35.3	0.9	40.9



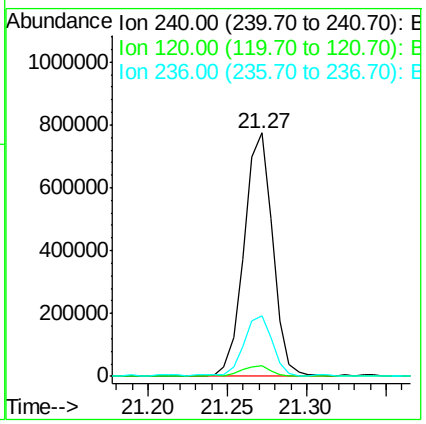


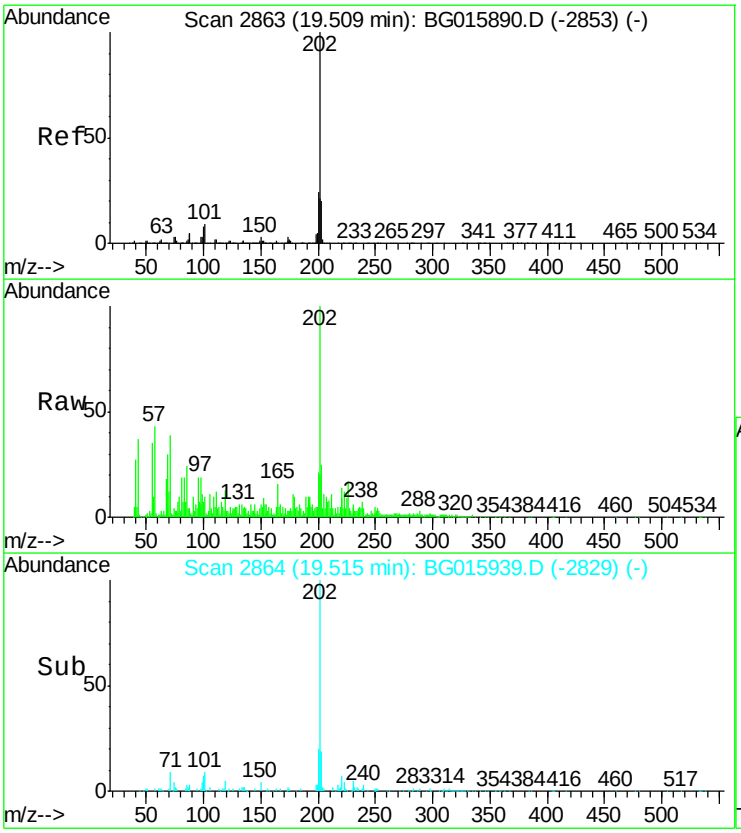
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Instrument :
BNA_G
ClientSampleId :
121B2B

Tgt Ion:240 Resp: 962850

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.9	5.9
236	25.1	20.0	30.0

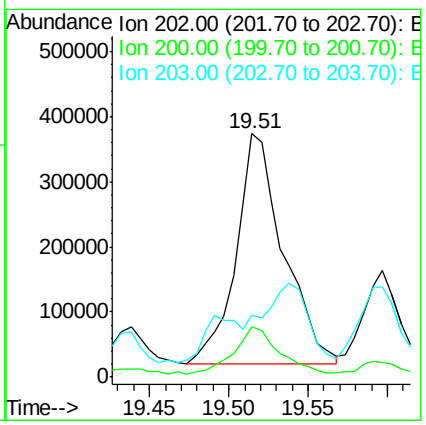


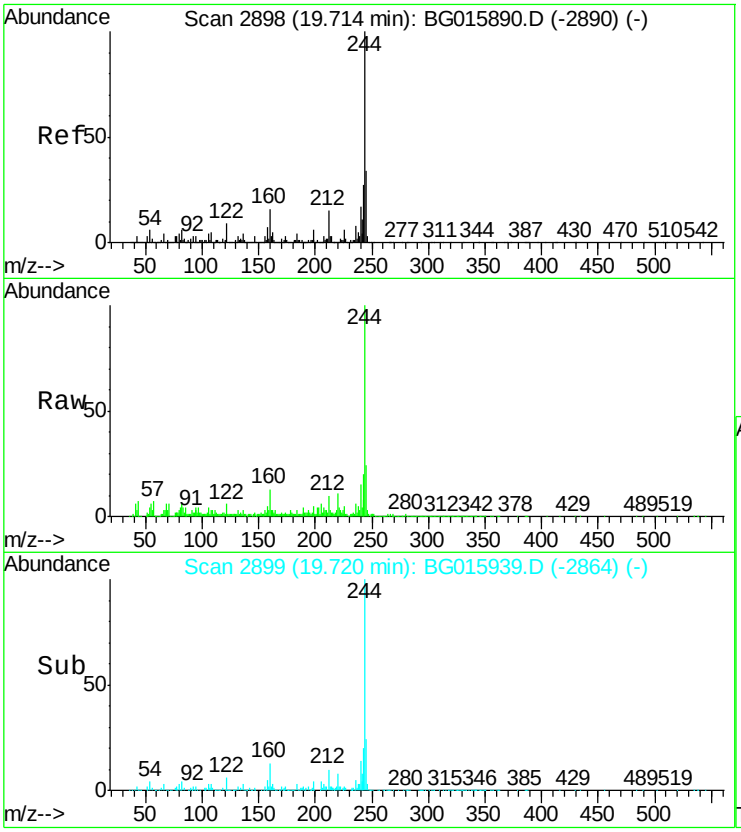


#77
Pyrene
Concen: 15.96 ng
RT: 19.51 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Tgt Ion:202 Resp: 730149

Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.3	28.9
203	25.3	15.9	23.9#



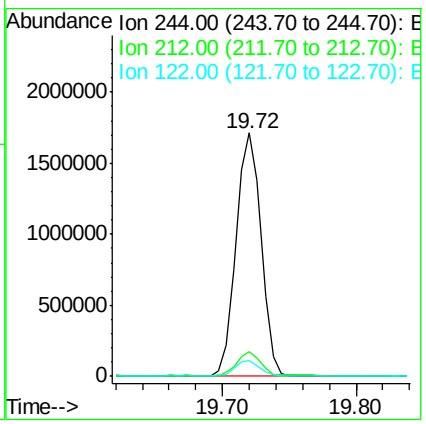


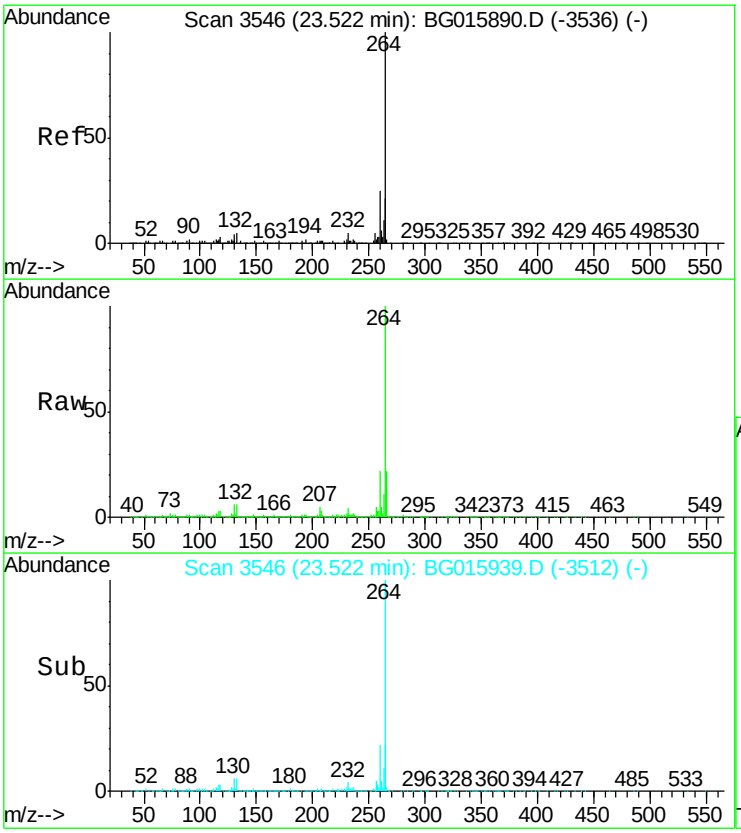
#78
Terphenyl-d14
Concen: 59.00 ng
RT: 19.72 min Scan# 2899
Delta R.T. 0.01 min
Lab File: BG015939.D
Acq: 27 Jan 2015 9:44

Instrument :
BNA_G
ClientSampleId :
121B2B

Tgt Ion:244 Resp: 2223165

Ion	Ratio	Lower	Upper
244	100		
212	10.2	11.6	17.4#
122	6.4	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: BG015939.D
Acq: 27 Jan 2015 9:44

Tgt Ion:264 Resp: 990591

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.7	29.5
265	22.3	17.3	25.9