Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015963.D
Acq On : 28 Jan 2015 2:01
Operator : TP/IZ
Sample : G1137-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104B4

Quant Time: Jan 28 05:14:28 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	7.68	152	93736	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	406449	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	359223	20.00	ng	0.03
63) Phenanthrene-d10	17.11	188	828773	20.00	ng	0.04
75) Chrysene-d12	21.28	240	927224	20.00	ng	0.00
86) Perylene-d12	23.52	264	961021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	546545	86.83	ng	0.00
7) Phenol-d6	6.87	99	874981	86.26	ng	0.00
23) Nitrobenzene-d5	8.84	82	768960	54.54	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	638582	97.11	ng	0.03
44) 2-Fluorobiphenyl	12.96	172	1410756	61.62	ng	0.00
78) Terphenyl-d14	19.73	244	2711082	82.23	ng	0.02
Target Compounds						Qvalue
10) Phenol	6.89	94	25731	2.23	ng	# 71
65) n-Nitrosodiphenylamine	15.64	169	1930028	81.63	ng	# 69
77) Pyrene	19.53	202	552119	12.53	ng	# 86

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015963.D
Acq On : 28 Jan 2015 2:01
Operator : TP/IZ
Sample : G1137-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
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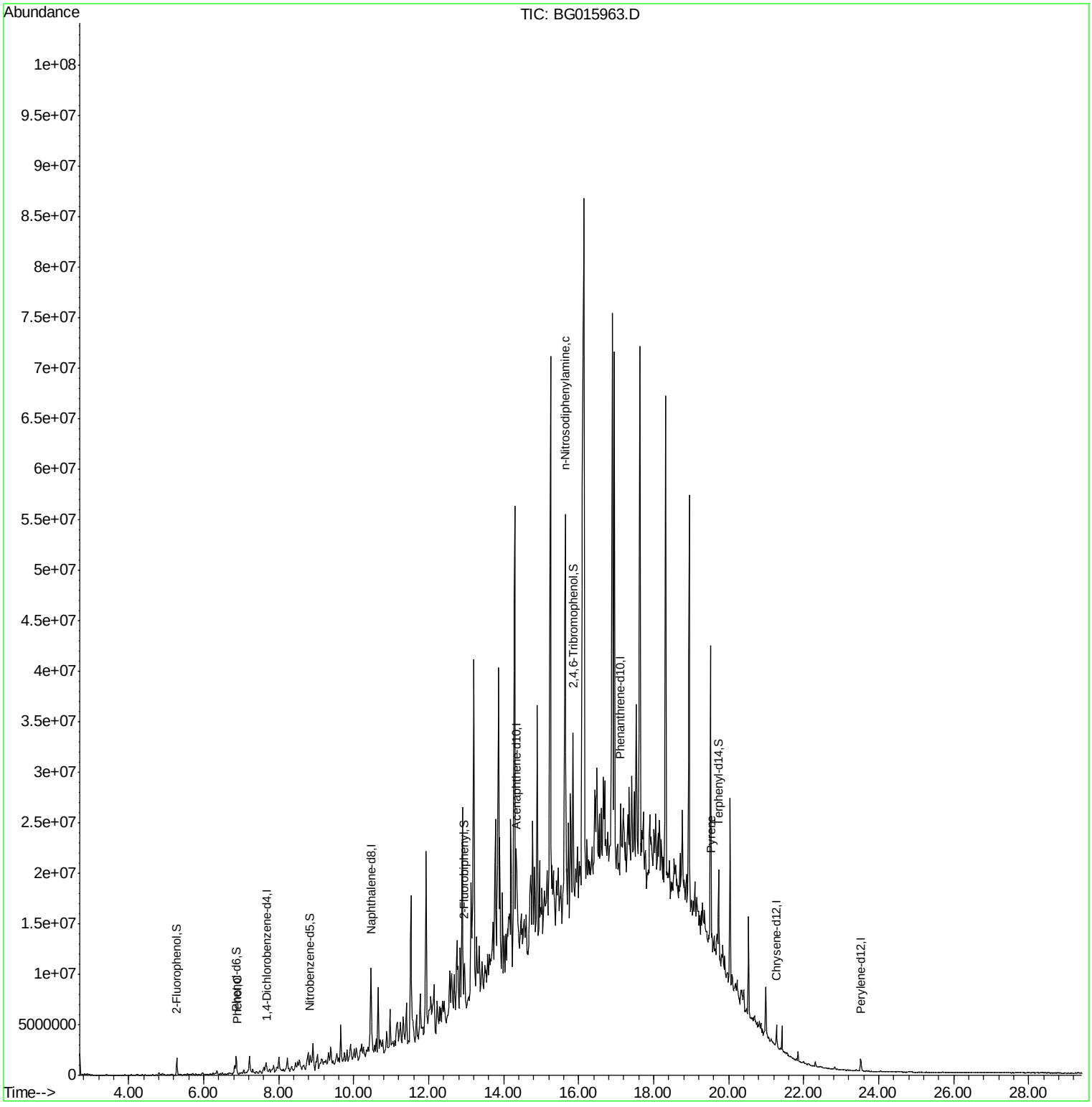
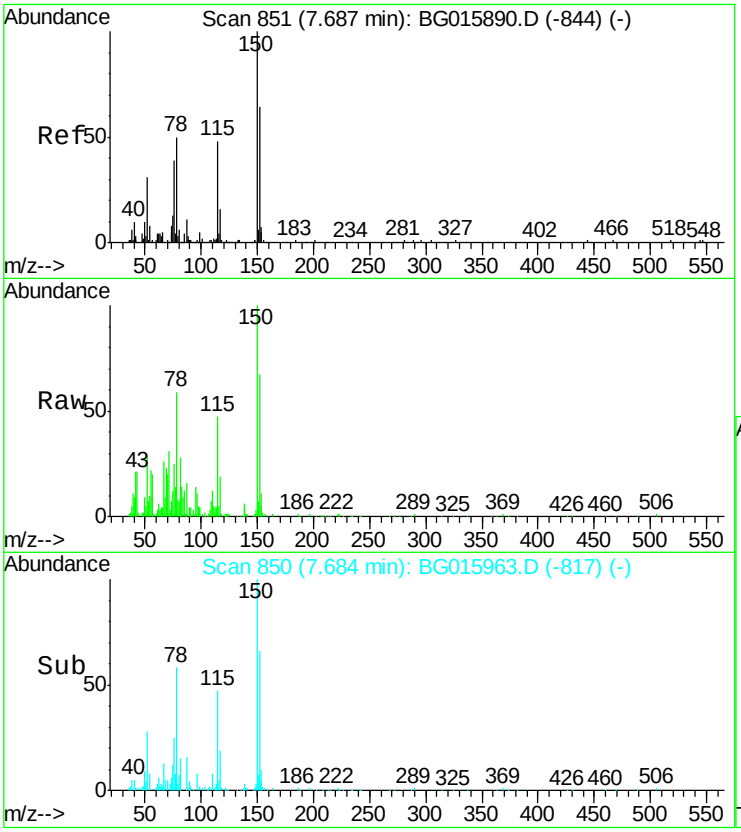


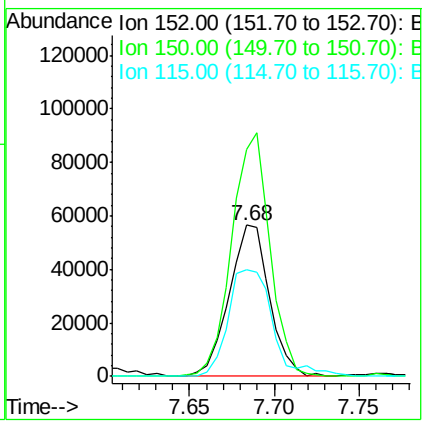


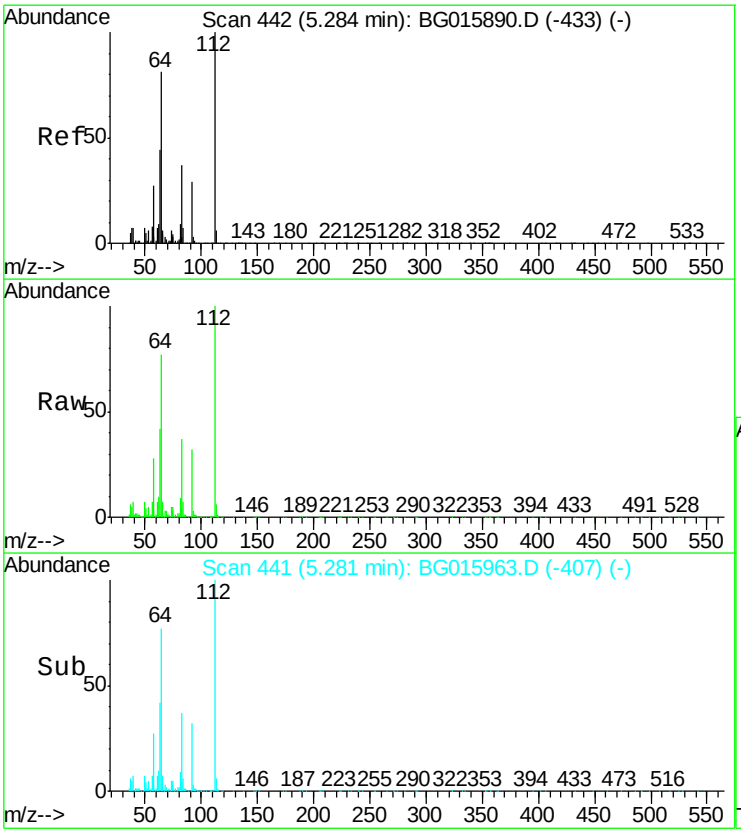
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Instrument :
BNA_G
ClientSampleId :
104B4

Tgt Ion:152 Resp: 93736

Ion	Ratio	Lower	Upper
152	100		
150	149.9	124.5	186.7
115	70.8	60.4	90.6

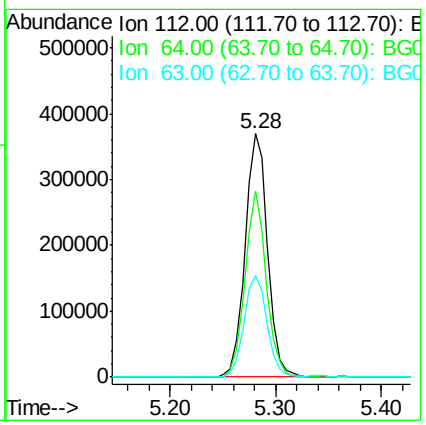


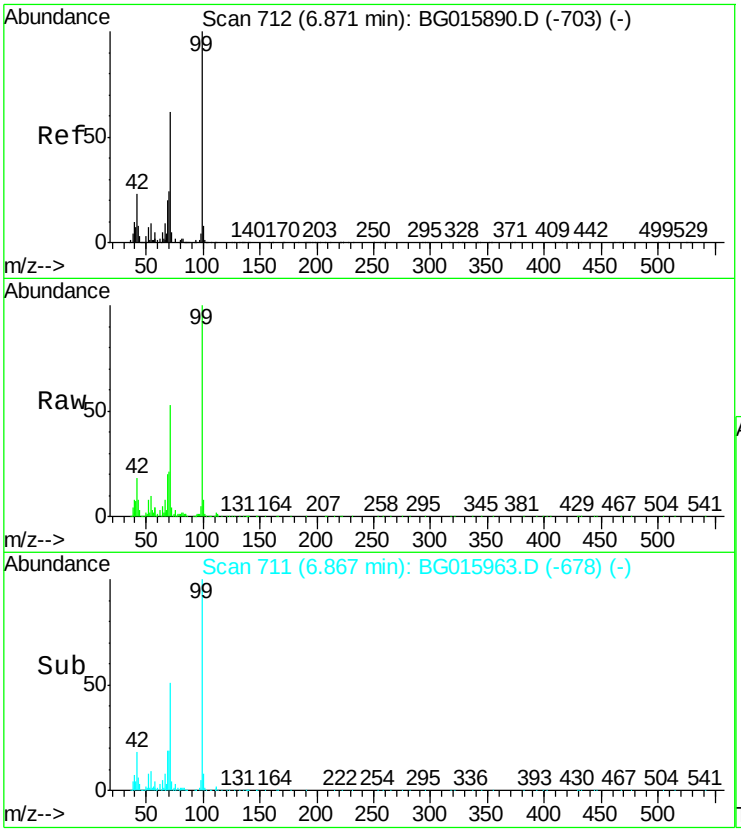


#5
2-Fluorophenol
Concen: 86.83 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Tgt Ion:112 Resp: 546545

Ion	Ratio	Lower	Upper
112	100		
64	76.6	64.4	96.6
63	41.9	35.1	52.7



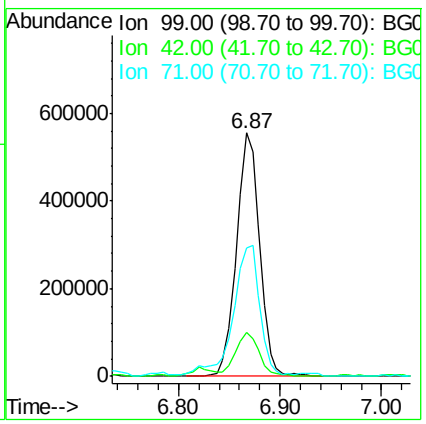


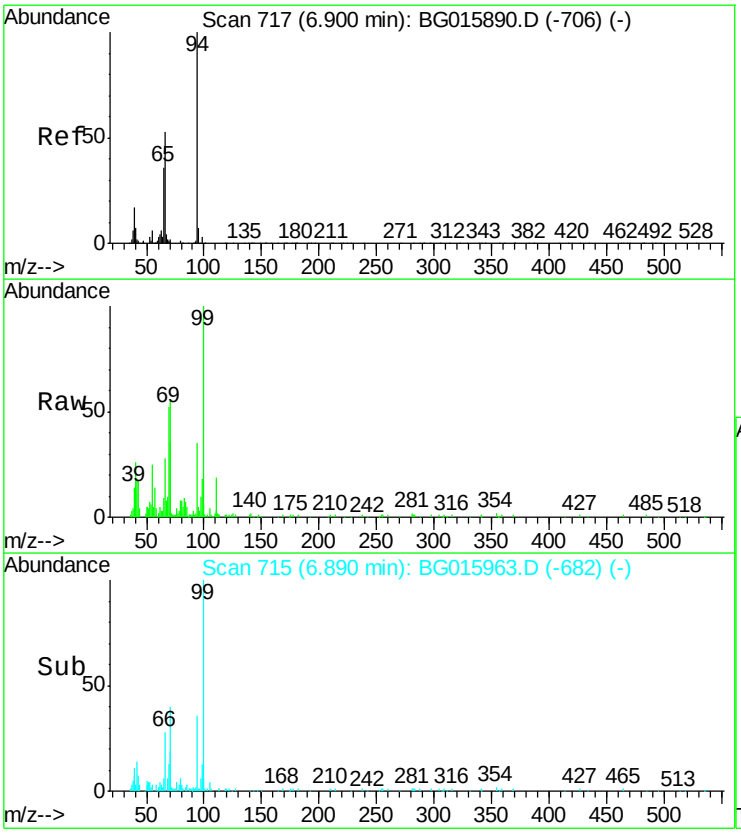
#7
Phenol-d6
Concen: 86.26 ng
RT: 6.87 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Instrument :
BNA_G
ClientSampleId :
104B4

Tgt Ion: 99 Resp: 874981

Ion	Ratio	Lower	Upper
99	100		
42	17.9	18.1	27.1#
71	52.8	49.8	74.8

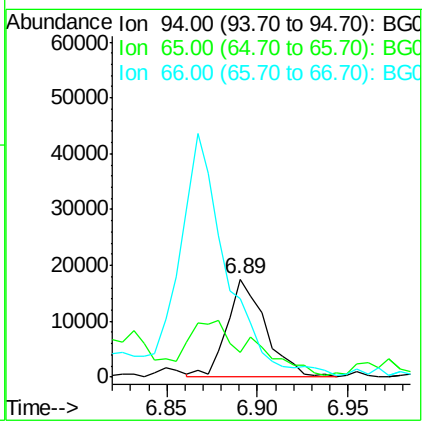


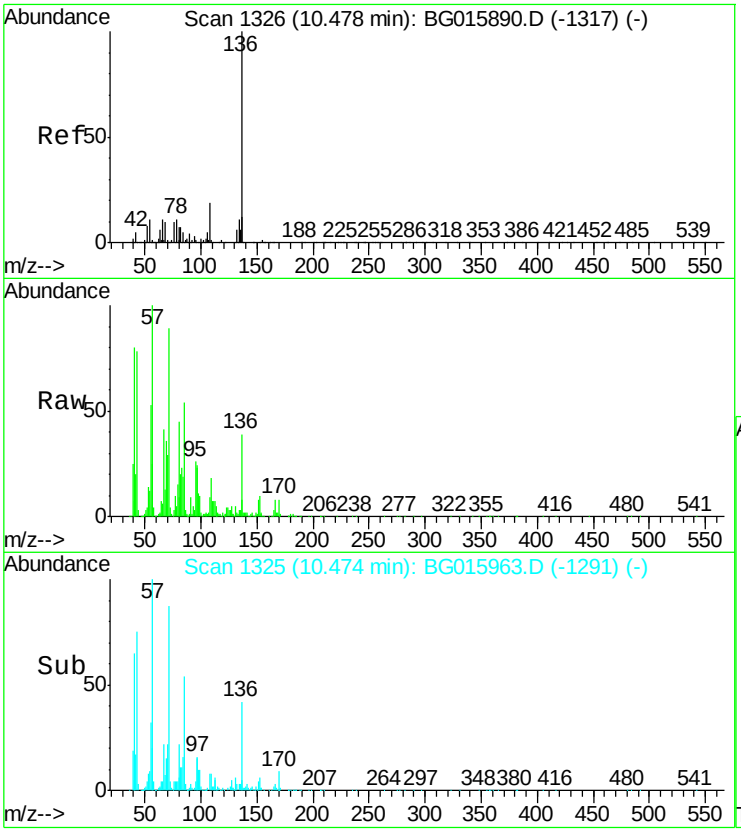


#10
Phenol
Concen: 2.23 ng
RT: 6.89 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Tgt Ion: 94 Resp: 25731

Ion	Ratio	Lower	Upper
94	100		
65	25.6	16.5	56.5
66	79.4	33.3	73.3#



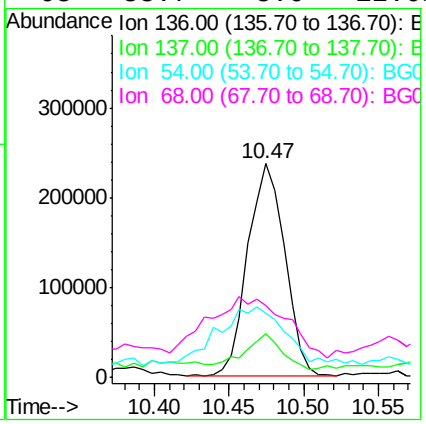


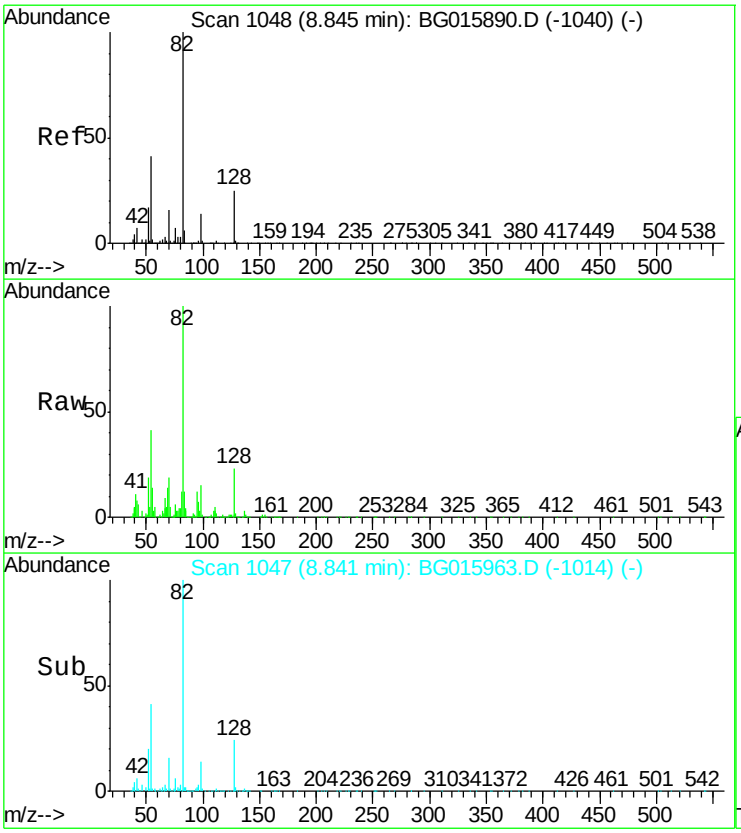
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Instrument :
BNA_G
ClientSampleId :
104B4

Tgt Ion:136 Resp: 406449

Ion	Ratio	Lower	Upper
136	100		
137	20.4	9.7	14.5#
54	30.3	8.5	12.7#
68	33.7	8.0	12.0#

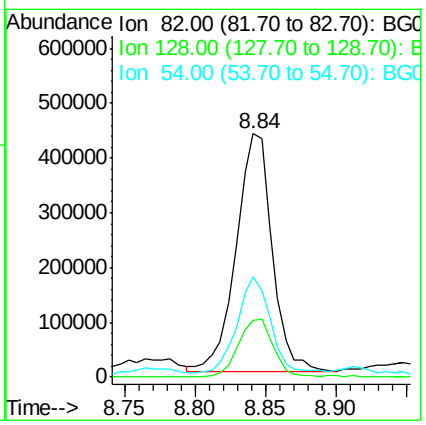


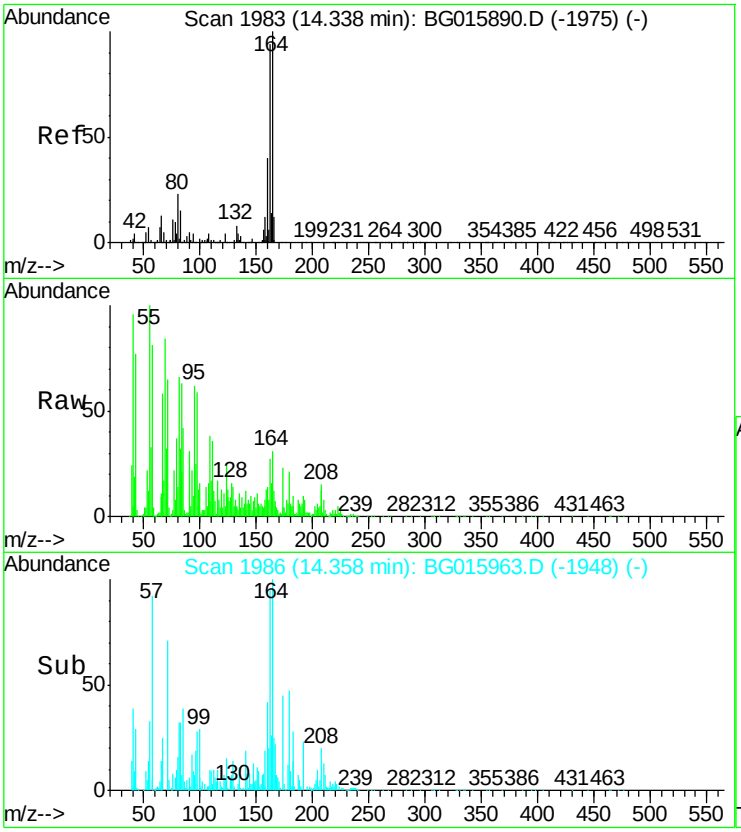


#23
Nitrobenzene-d5
Concen: 54.54 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Tgt Ion: 82 Resp: 768960

Ion	Ratio	Lower	Upper
82	100		
128	23.5	19.8	29.8
54	41.2	33.0	49.4



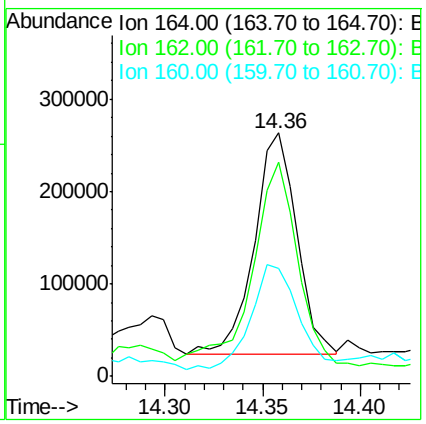


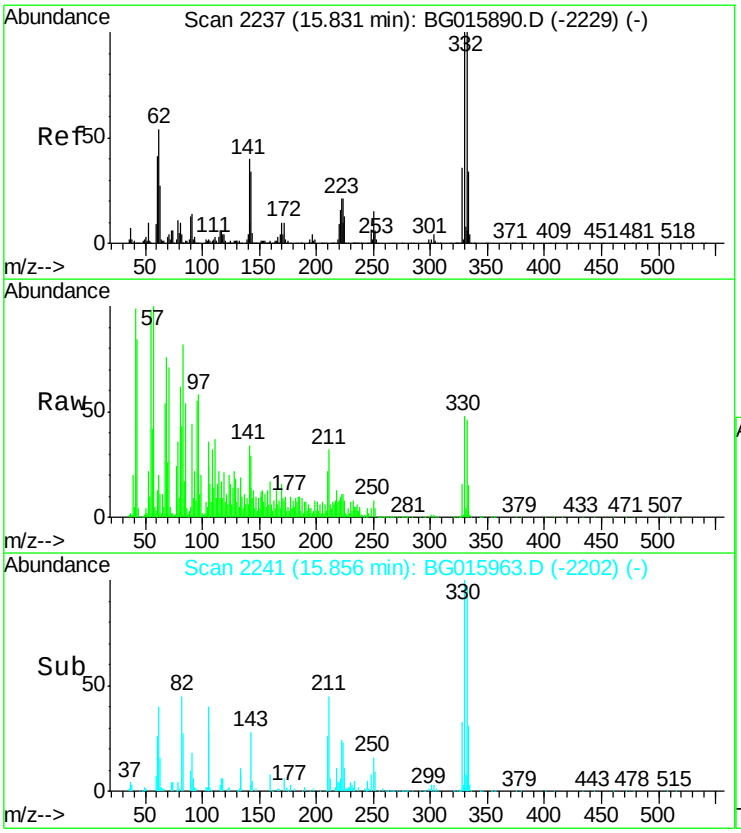
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1986
Delta R.T. 0.03 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Instrument :
BNA_G
ClientSampleId :
104B4

Tgt Ion:164 Resp: 359223

Ion	Ratio	Lower	Upper
164	100		
162	88.2	75.1	112.7
160	44.6	32.3	48.5

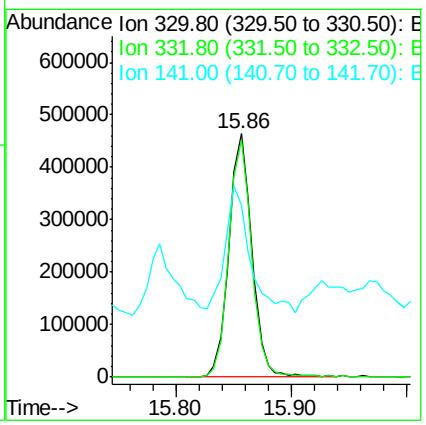


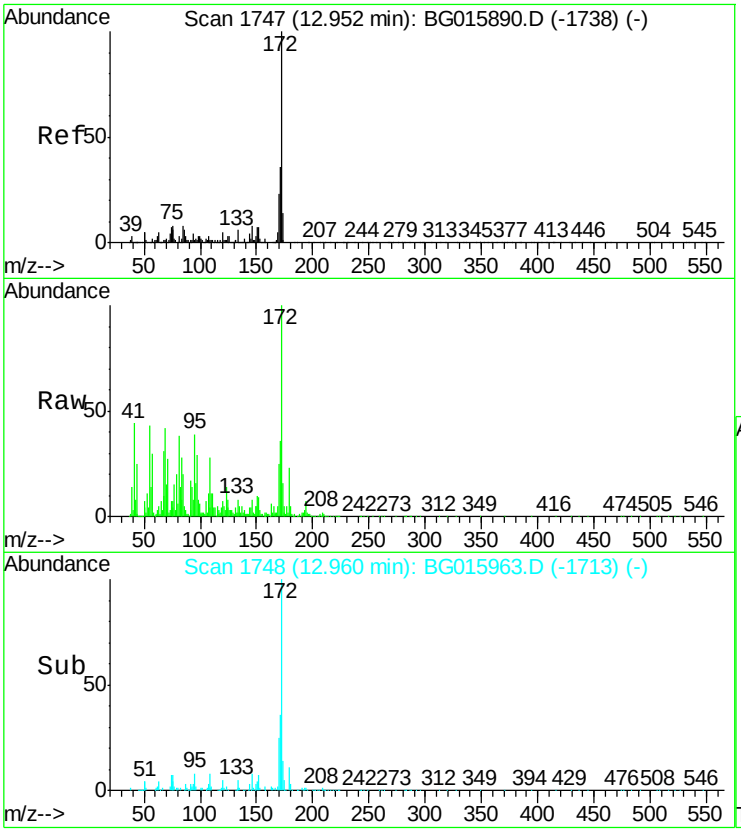


#41
2,4,6-Tribromophenol
Concen: 97.11 ng
RT: 15.86 min Scan# 2241
Delta R.T. 0.03 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Tgt Ion:330 Resp: 638582

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.0
141	55.8	33.0	49.6#



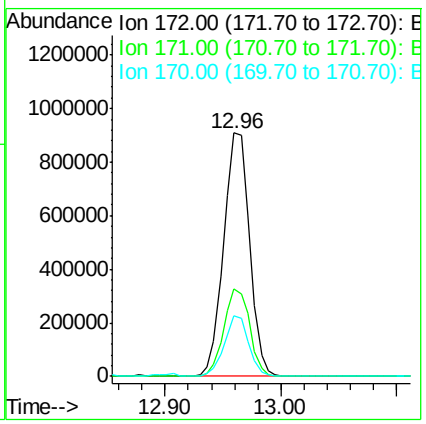


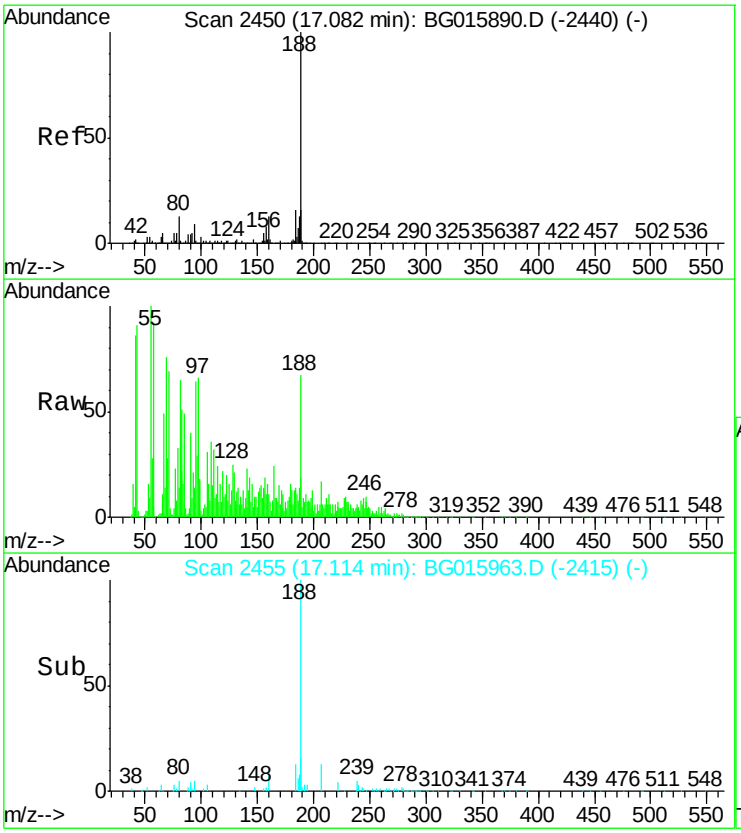
#44
2-Fluorobiphenyl
Concen: 61.62 ng
RT: 12.96 min Scan# 1748
Delta R.T. 0.01 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Instrument :
BNA_G
ClientSampleId :
104B4

Tgt Ion:172 Resp: 1410756

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	25.0	18.6	27.8

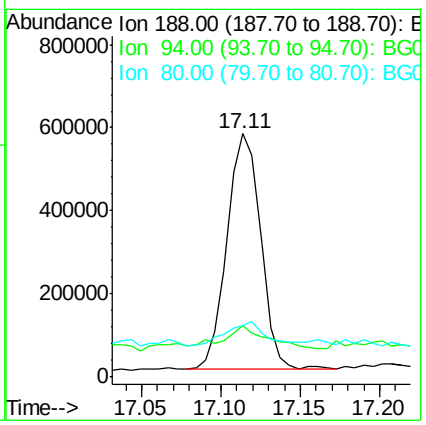


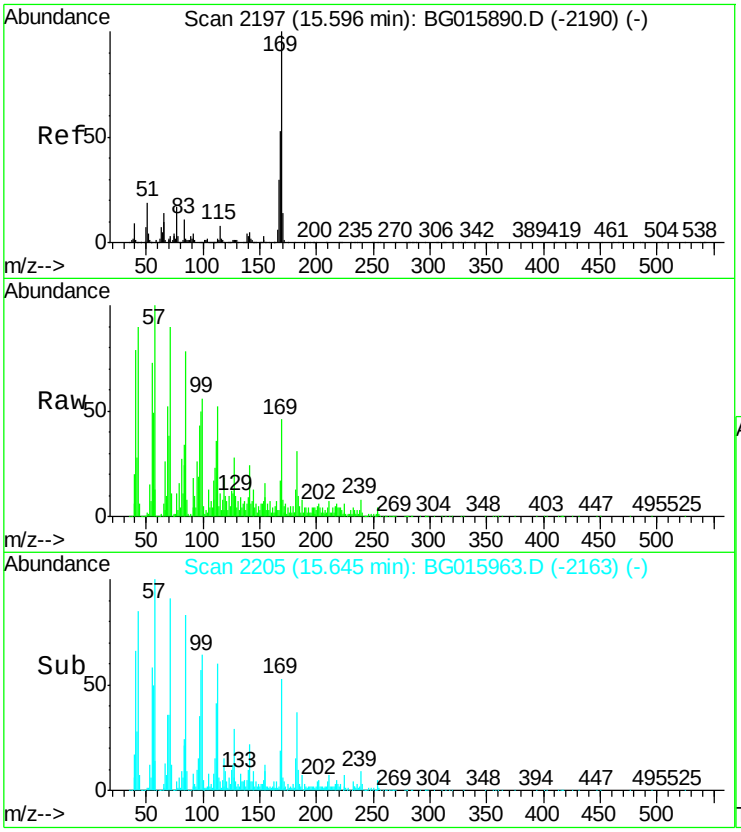


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. 0.04 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Tgt Ion:188 Resp: 828773

Ion	Ratio	Lower	Upper
188	100		
94	21.1	7.8	11.8#
80	21.5	10.6	16.0#



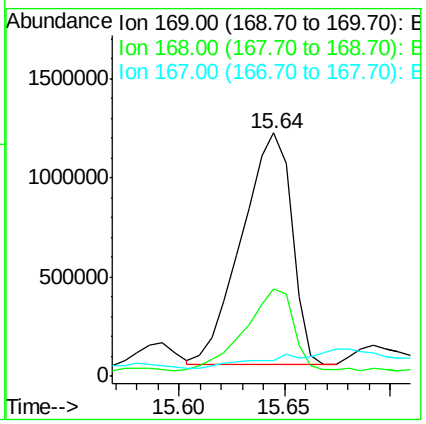


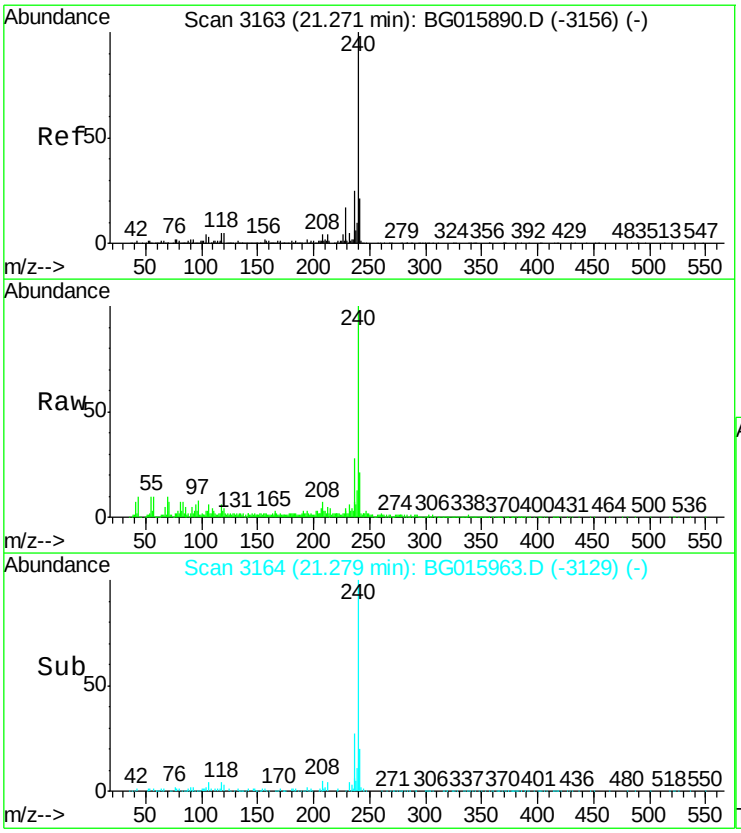
#65
n-Nitrosodiphenylamine
Concen: 81.63 ng
RT: 15.64 min Scan# 2205
Delta R.T. 0.05 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Instrument :
BNA_G
ClientSampleId :
104B4

Tgt Ion:169 Resp: 1930028

Ion	Ratio	Lower	Upper
169	100		
168	35.9	42.3	63.5#
167	6.5	24.2	36.2#

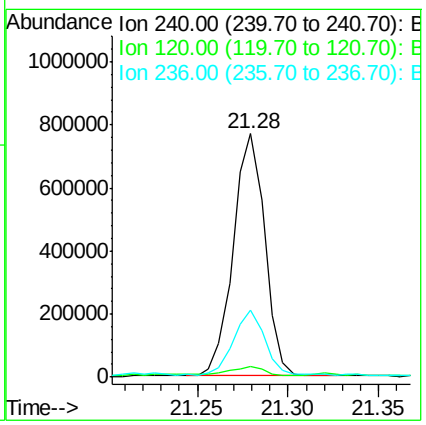


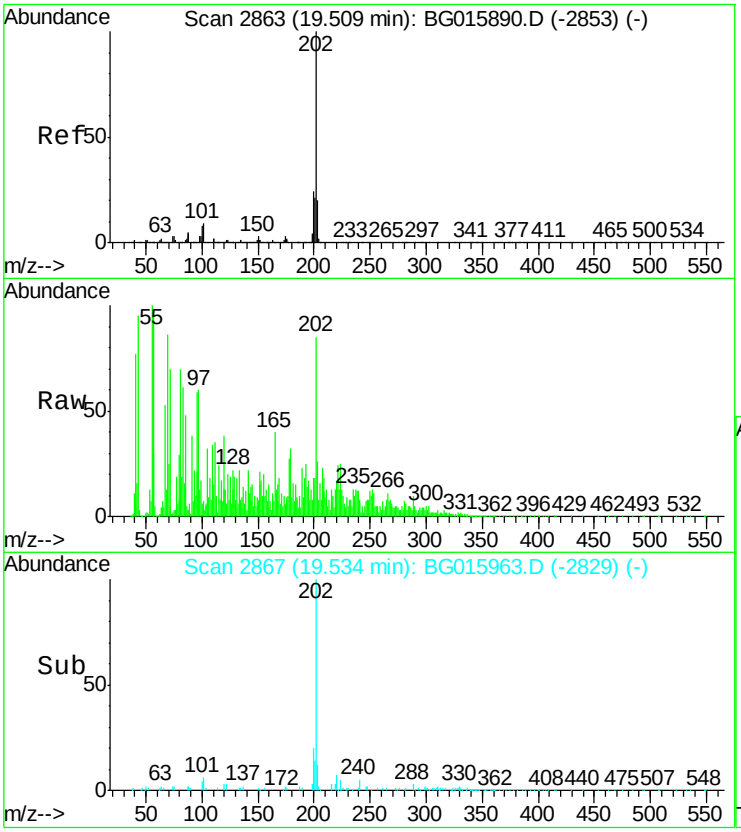


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Tgt Ion:240 Resp: 927224

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.9	5.9
236	27.7	20.0	30.0



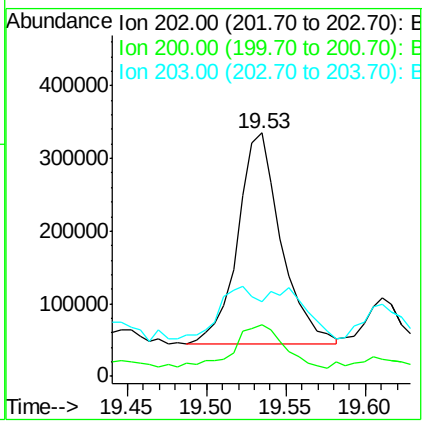


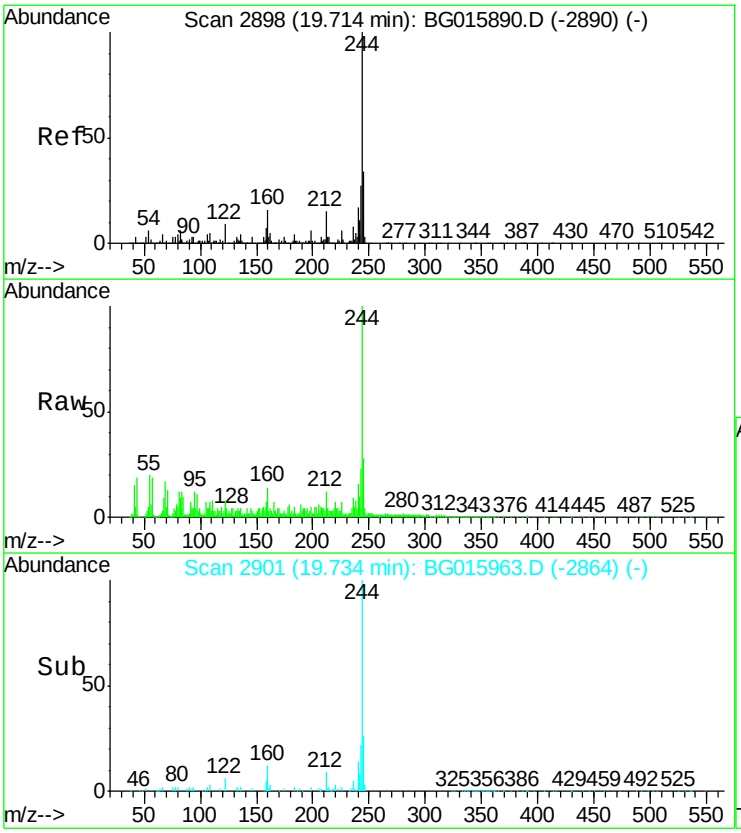
#77
Pyrene
Concen: 12.53 ng
RT: 19.53 min Scan# 2867
Delta R.T. 0.03 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Instrument :
BNA_G
ClientSampleId :
104B4

Tgt Ion:202 Resp: 552119

Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.3	28.9
203	30.9	15.9	23.9#

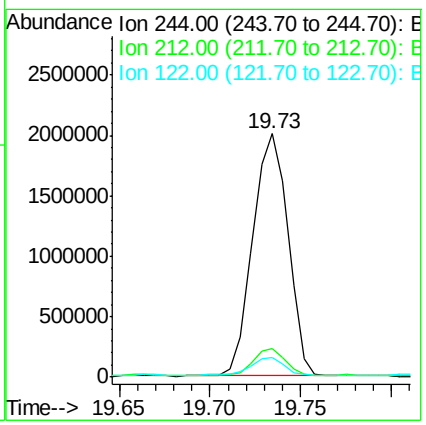


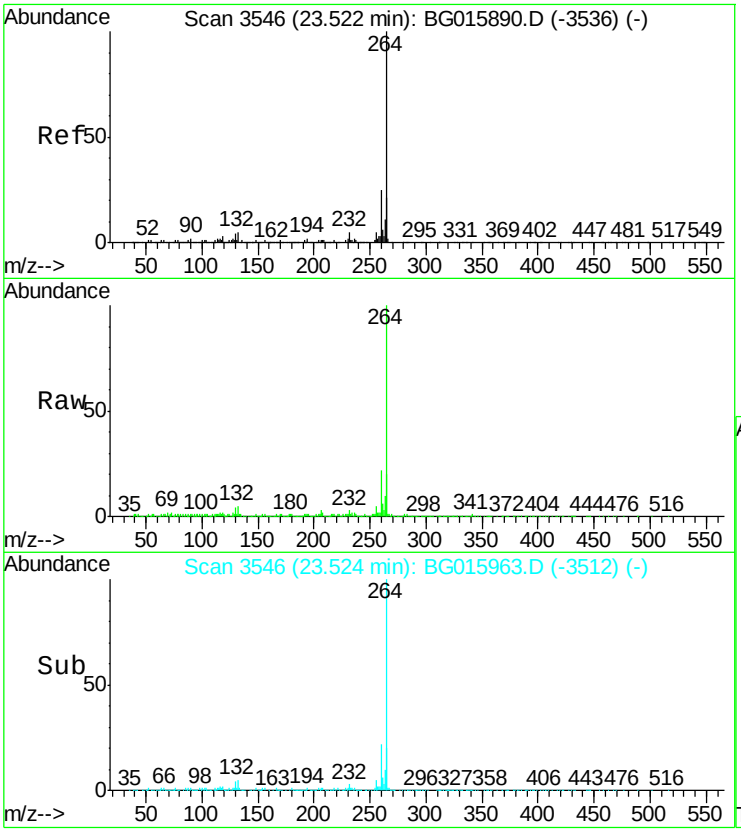


#78
Terphenyl-d14
Concen: 82.23 ng
RT: 19.73 min Scan# 2901
Delta R.T. 0.02 min
Lab File: BG015963.D
Acq: 28 Jan 2015 2:01

Tgt Ion:244 Resp: 2711082

Ion	Ratio	Lower	Upper
244	100		
212	11.9	11.6	17.4
122	8.3	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: BG015963.D
Acq: 28 Jan 2015 2:01

Instrument :
BNA_G
ClientSampleId :
104B4

Tgt Ion:264 Resp: 961021

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.7	29.5
265	19.9	17.3	25.9