Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
Operator : TP/IZ
Sample : G2353-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VE3-1

Quant Time: May 23 07:09:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 16:12:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	37836	20.00	ng		-0.03
21) Naphthalene-d8	10.47	136	149496	20.00	ng		-0.04
38) Acenaphthene-d10	14.34	164	98677	20.00	ng		-0.02
63) Phenanthrene-d10	17.09	188	203649	20.00	ng		-0.03
75) Chrysene-d12	21.27	240	201169	20.00	ng		-0.02
86) Perylene-d12	23.52	264	199770	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	106312	49.85	ng		-0.02
7) Phenol-d6	6.89	99	90478	30.23	ng		-0.02
23) Nitrobenzene-d5	8.84	82	239251	74.72	ng		-0.03
41) 2,4,6-Tribromophenol	15.84	330	115222	96.59	ng		-0.02
44) 2-Fluorobiphenyl	12.95	172	482937	71.81	ng		-0.03
78) Terphenyl-d14	19.72	244	649405	67.27	ng		-0.02
Target Compounds							Qvalue
17) 2-Methylphenol	8.15	107	7191	3.12	ng		90
27) 2,4-Dimethylphenol	9.67	122	13123m	5.69	ng		
51) Acenaphthene	14.40	154	20571	3.61	ng	#	86
57) Fluorene	15.39	166	23645	3.16	ng	#	88
70) Phenanthrene	17.13	178	27453	2.61	ng	#	59

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017259.D
Acq On : 23 May 2015 1:01
Operator : TP/IZ
Sample : G2353-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
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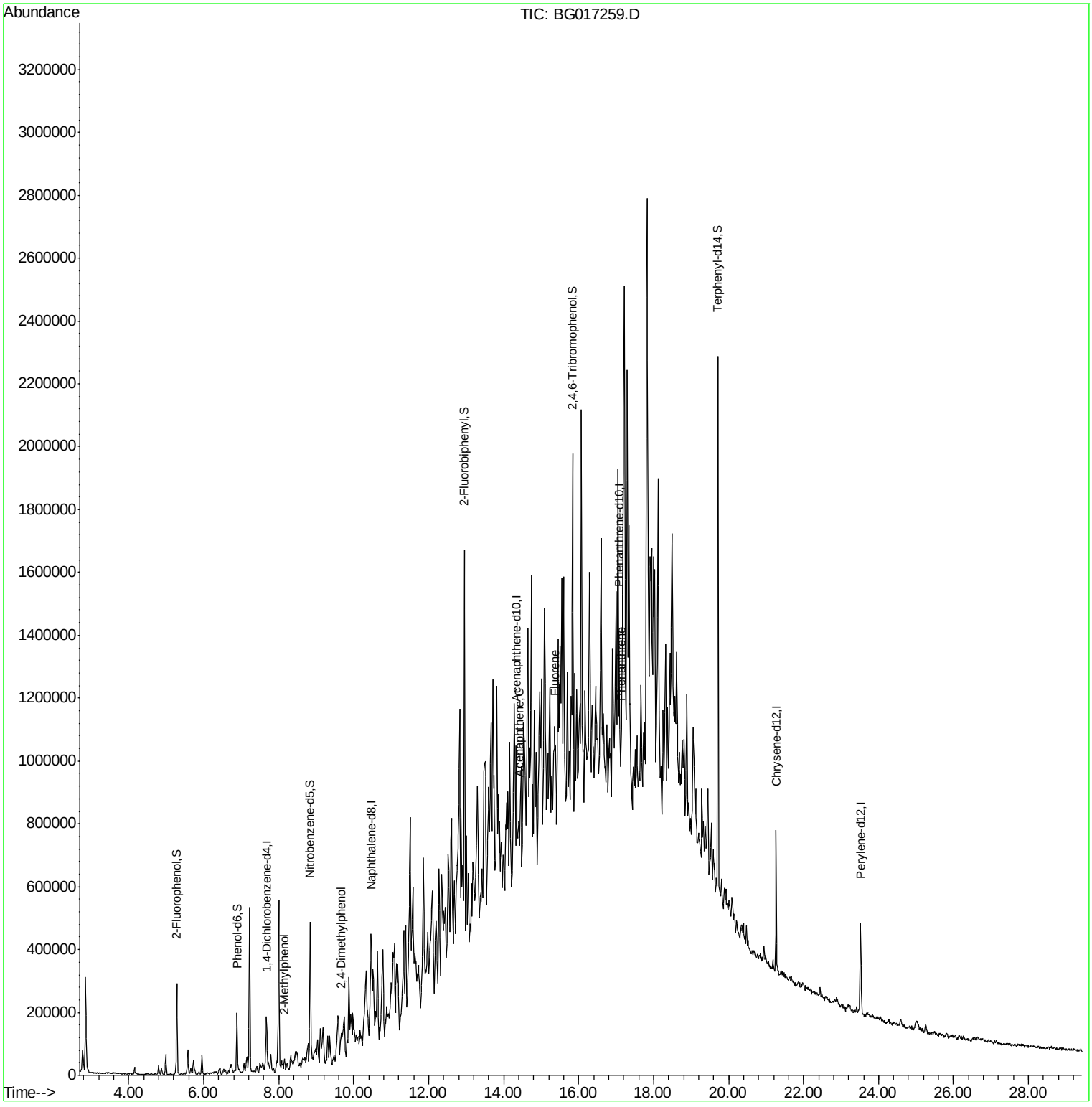
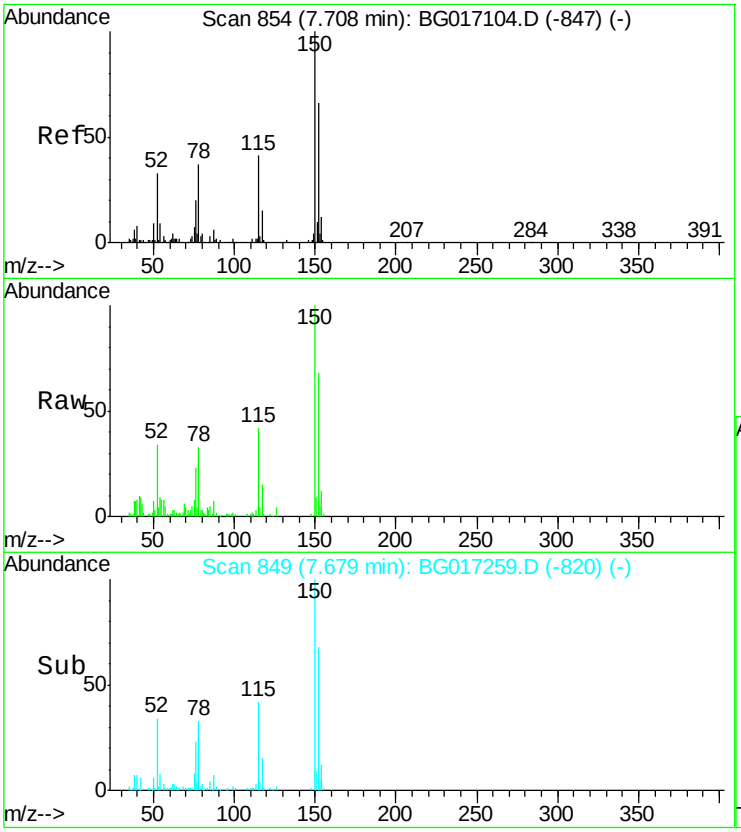
VE3-1

Quant Time: May 23 07:09:40 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 16:12:13 2015
Response via : Initial Calibration



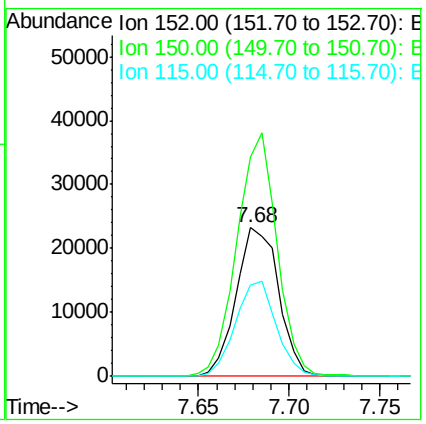


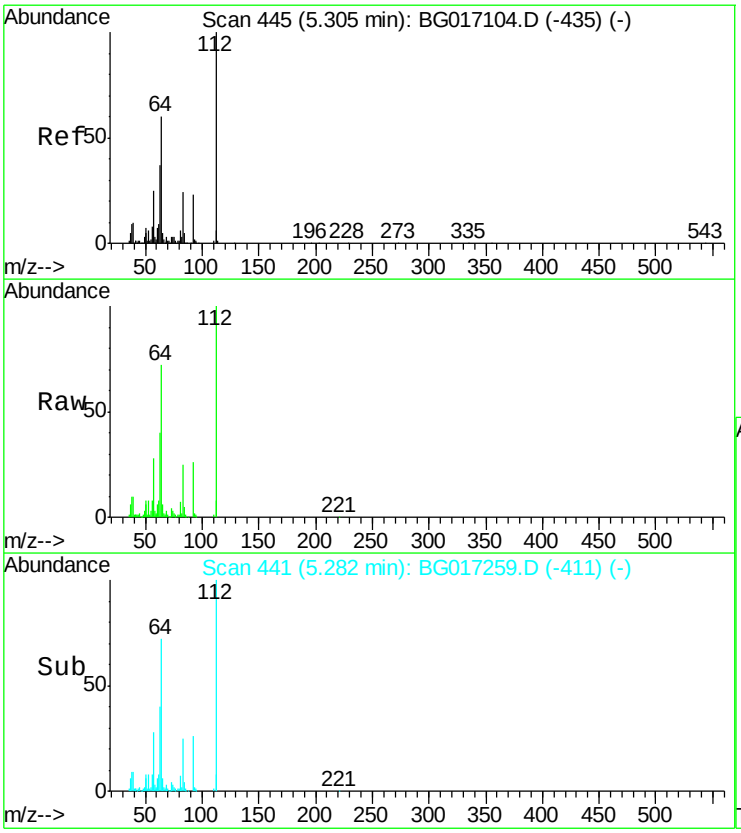
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 849
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

Tgt Ion:152 Resp: 37836

Ion	Ratio	Lower	Upper
152	100		
150	147.5	120.8	181.2
115	61.6	49.4	74.2

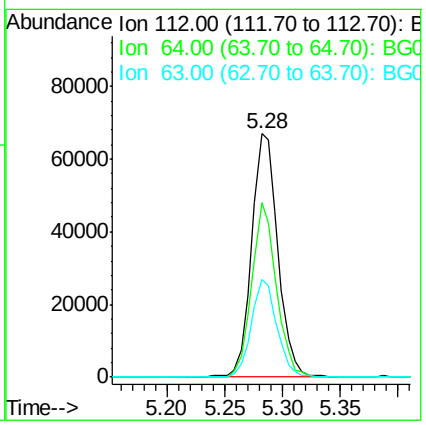


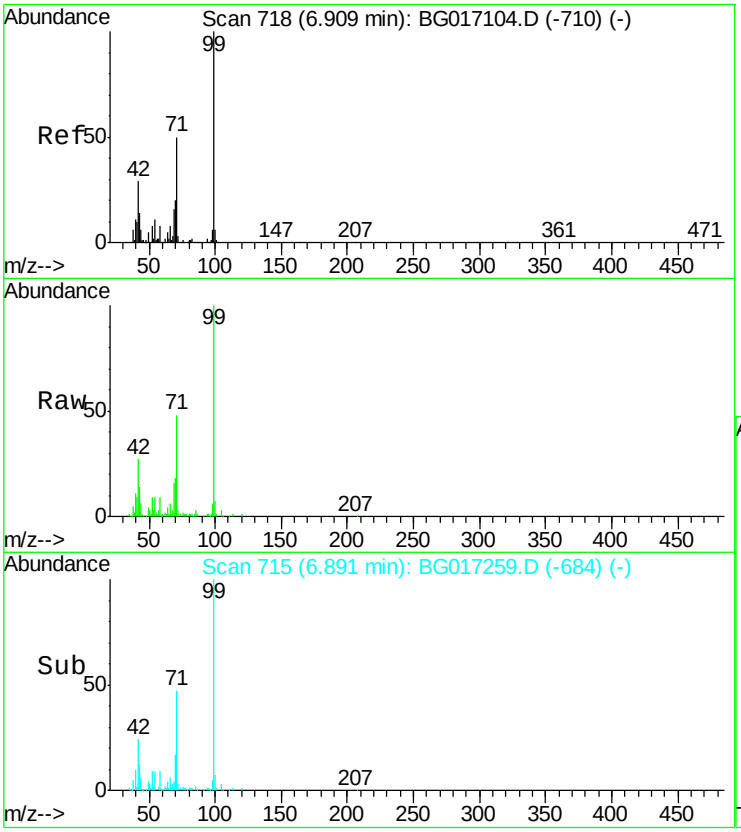


#5
2-Fluorophenol
Concen: 49.85 ng
RT: 5.28 min Scan# 441
Delta R.T. -0.02 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Tgt Ion:112 Resp: 106312

Ion	Ratio	Lower	Upper
112	100		
64	71.5	48.1	72.1
63	40.1	29.8	44.8



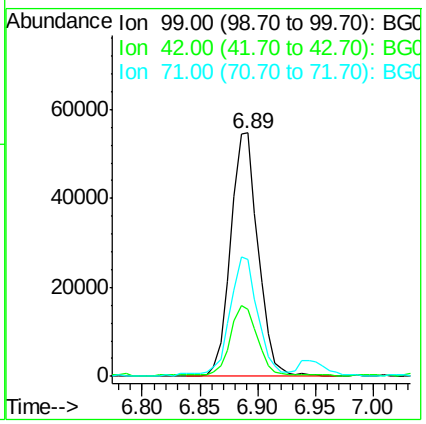


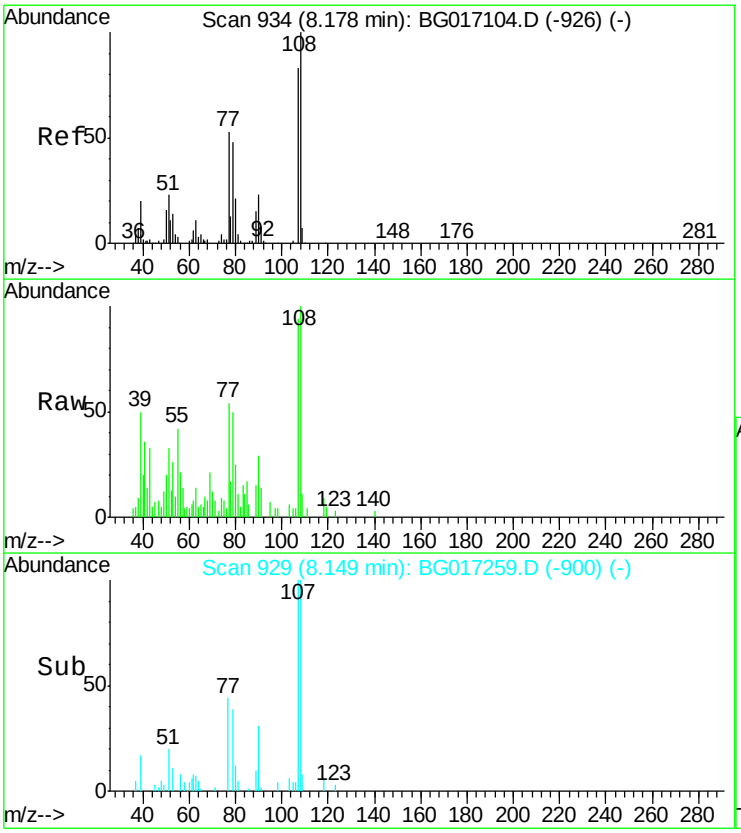
#7
Phenol-d6
Concen: 30.23 ng
RT: 6.89 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

Tgt Ion: 99 Resp: 90478

Ion	Ratio	Lower	Upper
99	100		
42	27.4	23.5	35.3
71	47.8	39.8	59.8

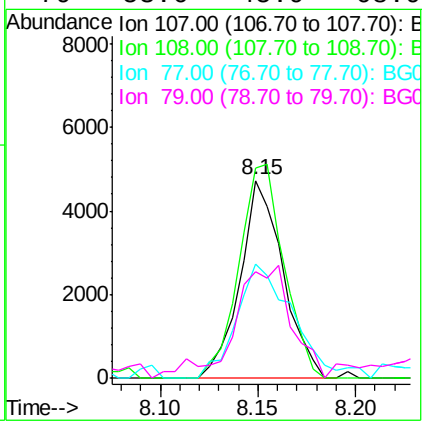


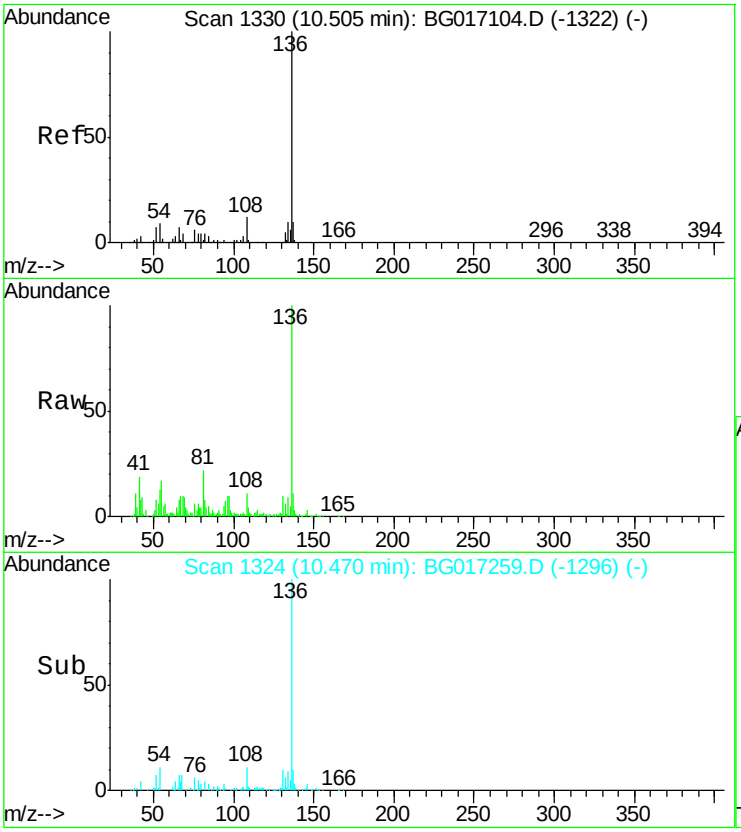


#17
2-Methylphenol
Concen: 3.12 ng
RT: 8.15 min Scan# 929
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Tgt Ion:107 Resp: 7191

Ion	Ratio	Lower	Upper
107	100		
108	106.1	96.6	144.8
77	57.4	51.2	76.8
79	53.6	45.9	68.9



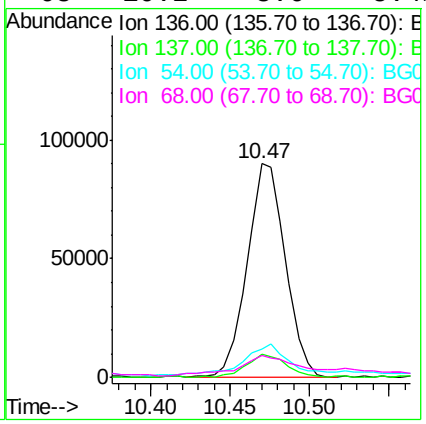


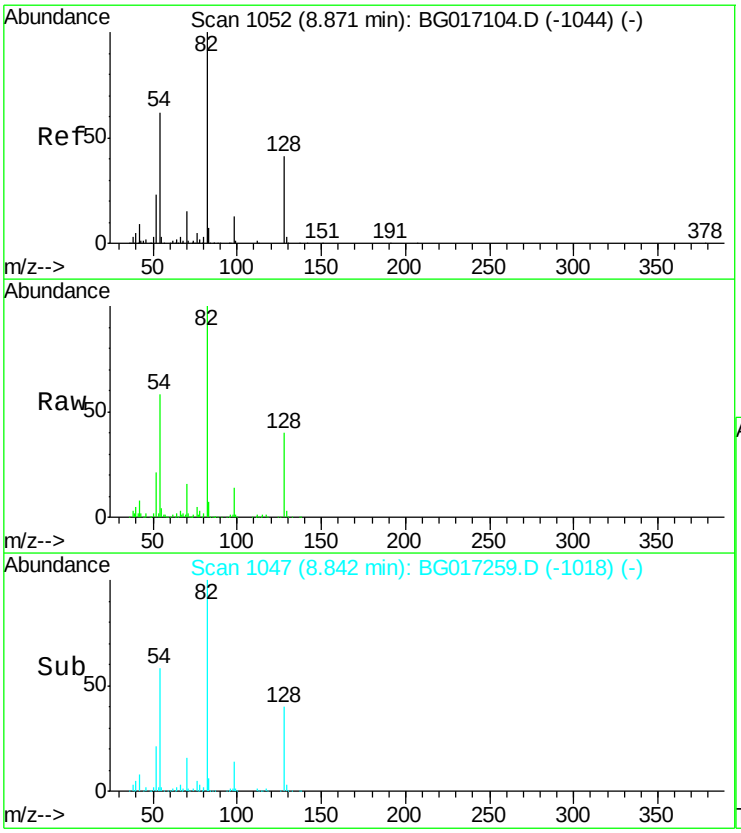
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

Tgt Ion:136 Resp: 149496

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.3	12.5
54	13.1	7.4	11.2#
68	10.2	3.6	5.4#

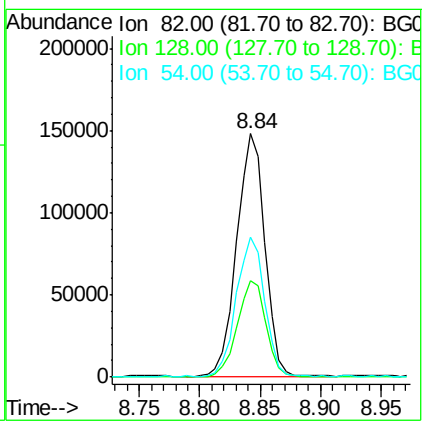


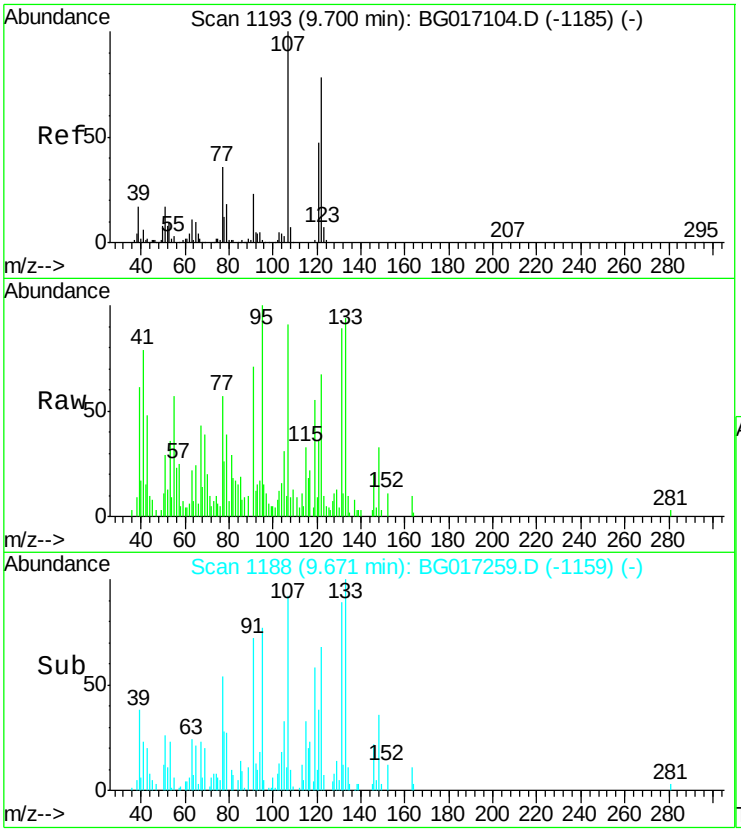


#23
Nitrobenzene-d5
Concen: 74.72 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Tgt Ion: 82 Resp: 239251

Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.6	49.0
54	57.7	49.6	74.4



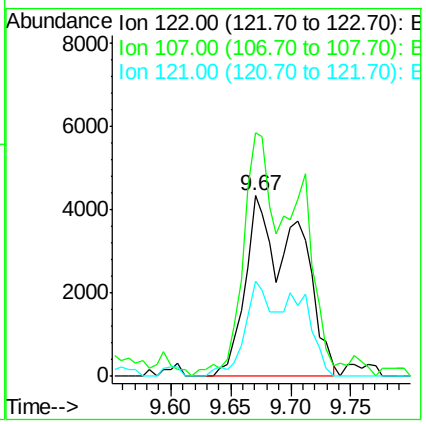


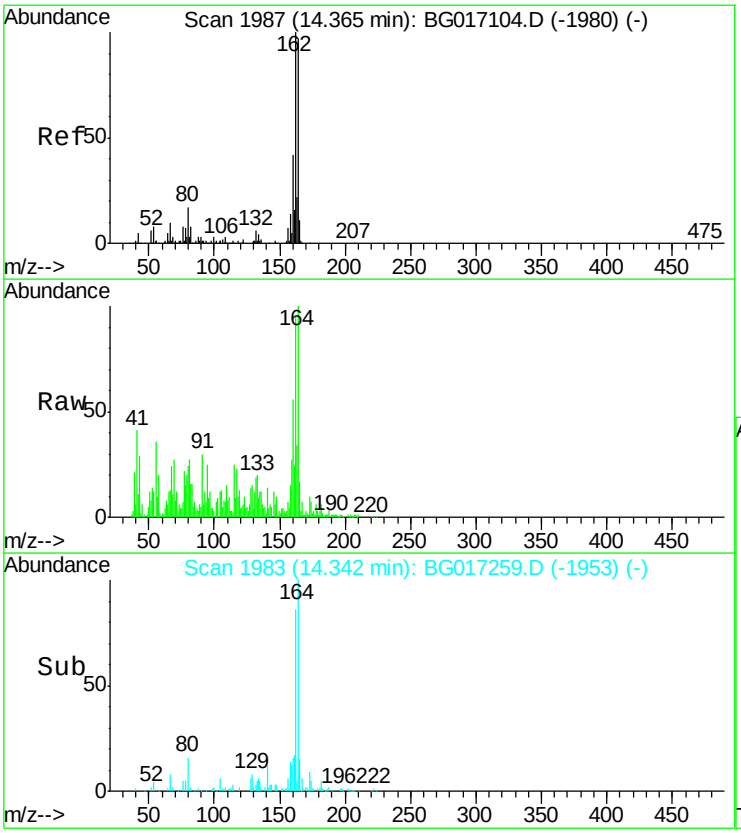
#27
2,4-Dimethylphenol
Concen: 5.69 ng m
RT: 9.67 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

Tgt Ion:122 Resp: 13123

Ion	Ratio	Lower	Upper
122	100		
107	134.7	102.3	153.5
121	52.9	48.7	73.1

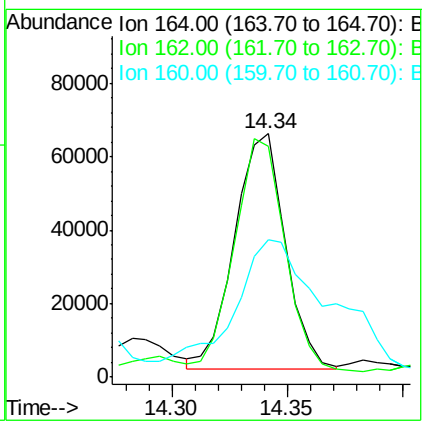


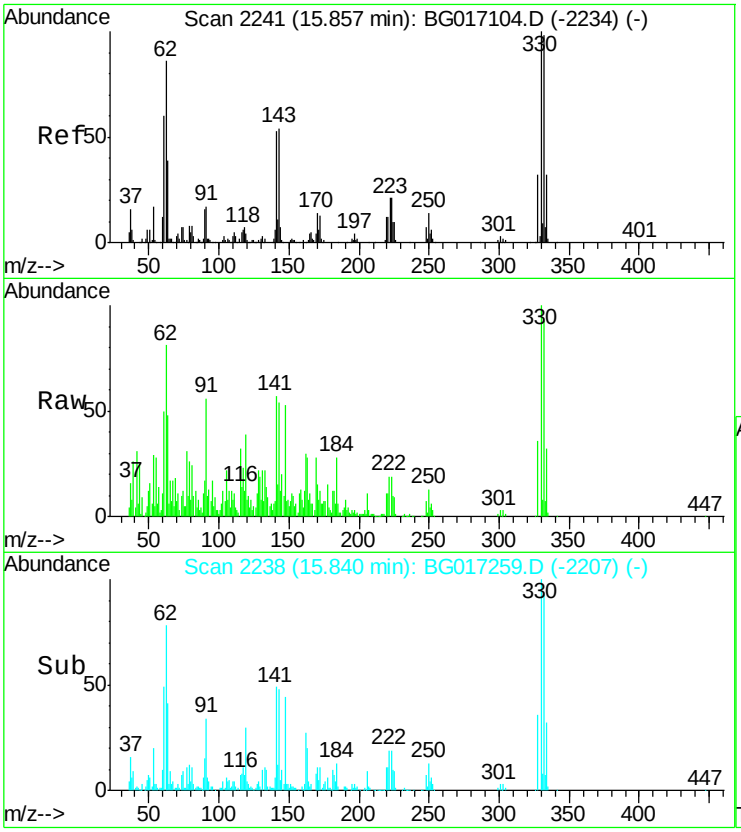


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Tgt Ion:164 Resp: 98677

Ion	Ratio	Lower	Upper
164	100		
162	95.0	82.1	123.1
160	56.4	34.8	52.2#



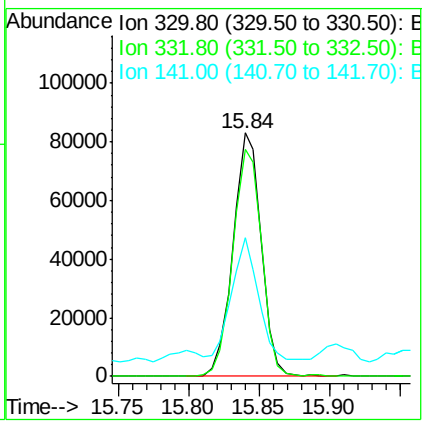


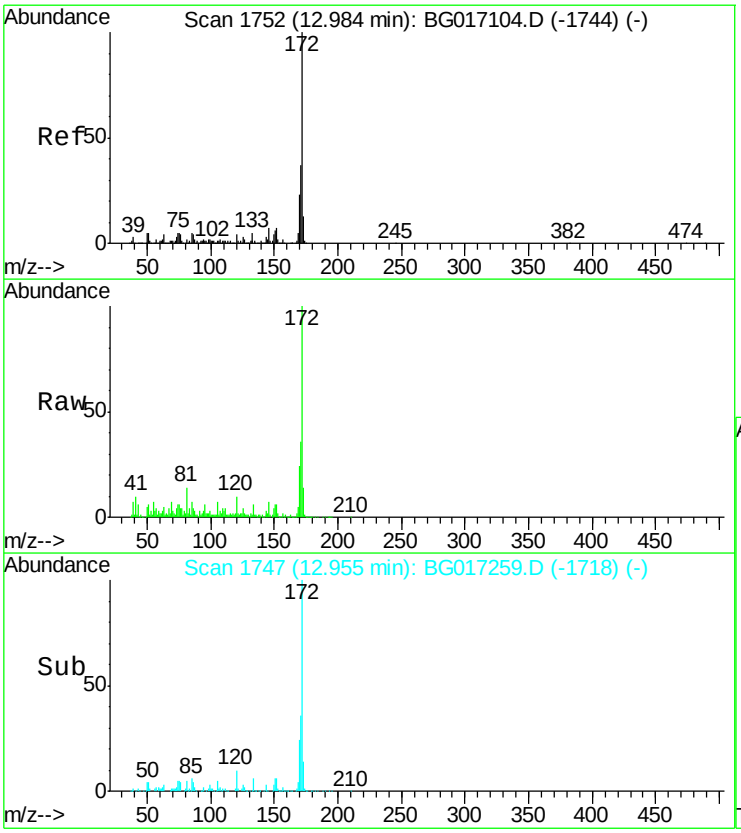
#41
2,4,6-Tribromophenol
Concen: 96.59 ng
RT: 15.84 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

Tgt Ion:330 Resp: 115222

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	49.2	42.2	63.2

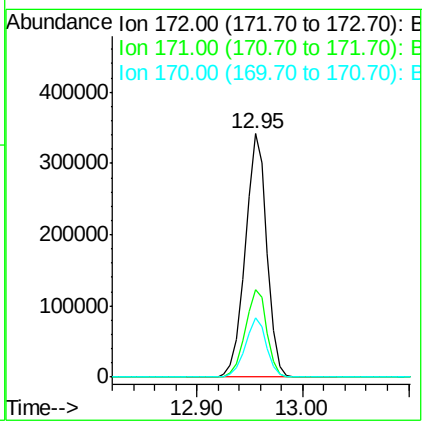


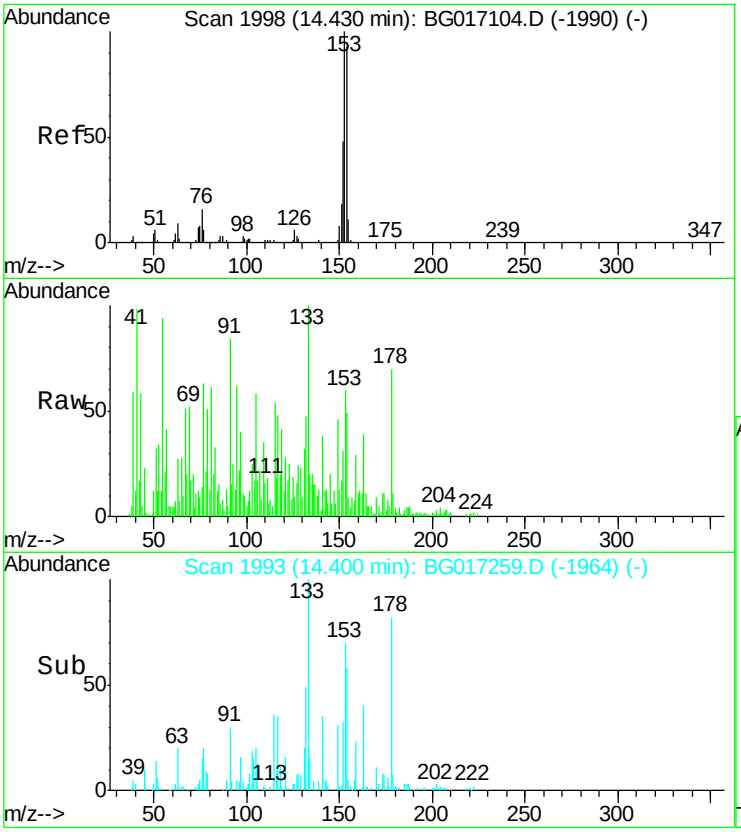


#44
2-Fluorobiphenyl
Concen: 71.81 ng
RT: 12.95 min Scan# 1747
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Tgt Ion:172 Resp: 482937

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	18.4	27.6



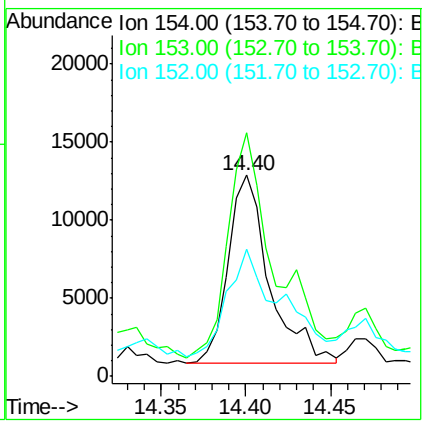


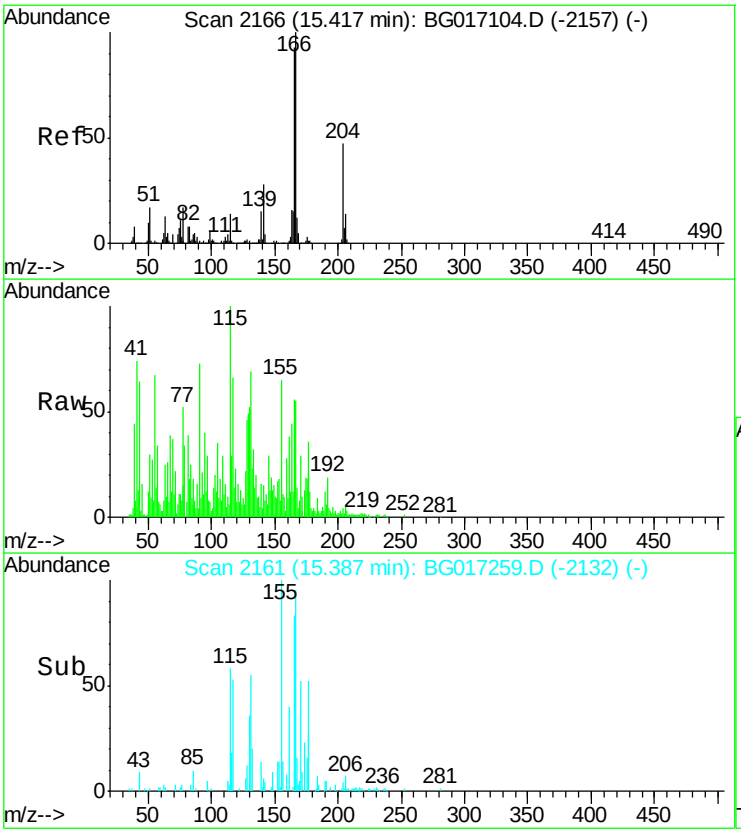
#51
Acenaphthene
Concen: 3.61 ng
RT: 14.40 min Scan# 1993
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

Tgt Ion:154 Resp: 20571

Ion	Ratio	Lower	Upper
154	100		
153	121.1	86.2	129.4
152	63.3	41.5	62.3#

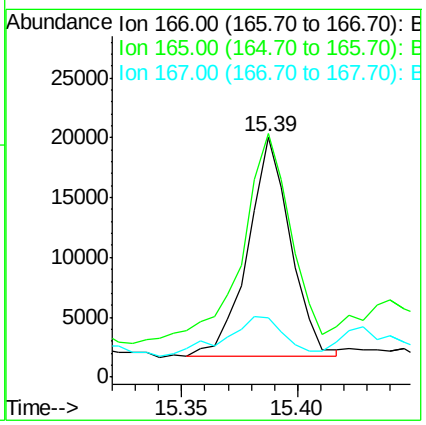


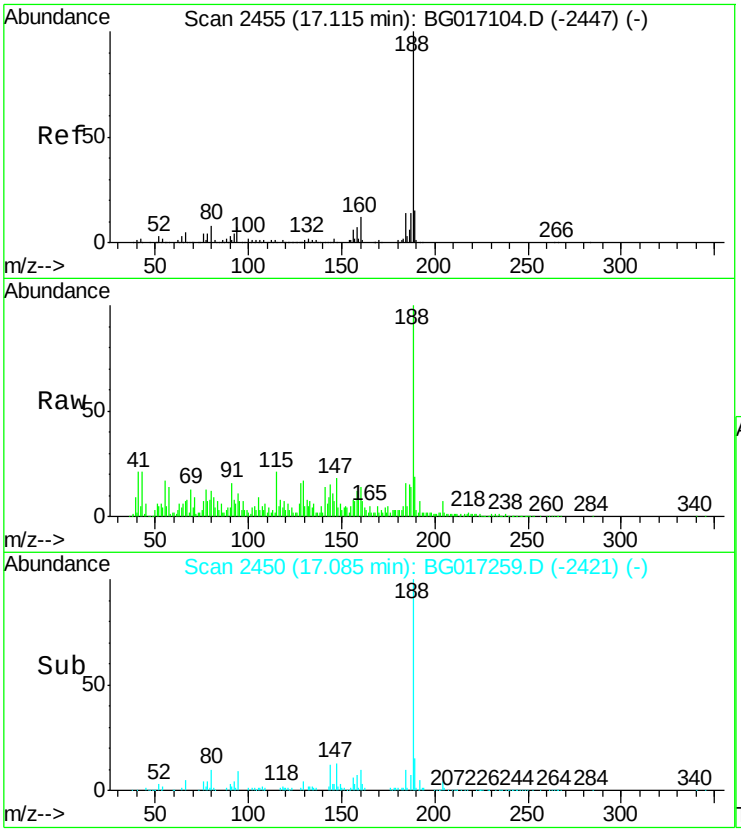


#57
Fluorene
Concen: 3.16 ng
RT: 15.39 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Tgt Ion:166 Resp: 23645

Ion	Ratio	Lower	Upper
166	100		
165	101.5	74.2	111.4
167	24.8	9.8	14.8#



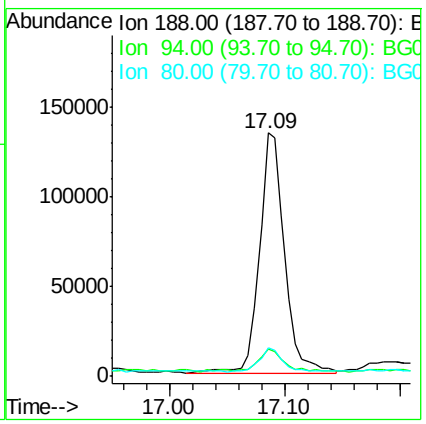


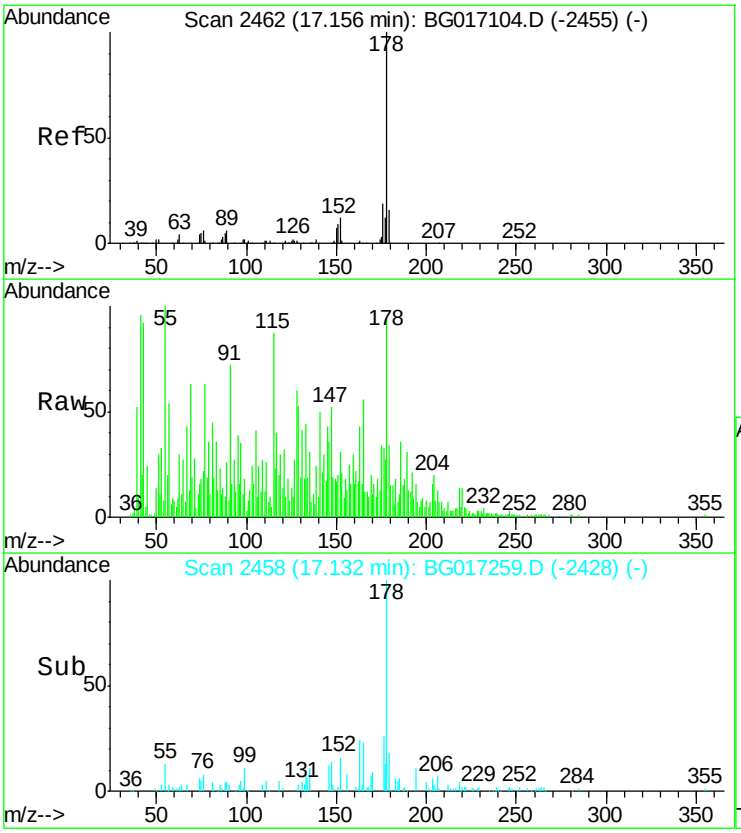
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2450
Delta R.T. -0.03 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

Tgt Ion:188 Resp: 203649

Ion	Ratio	Lower	Upper
188	100		
94	11.3	5.8	8.6#
80	11.5	6.5	9.7#

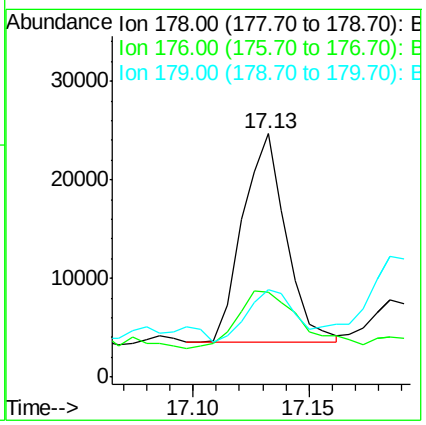


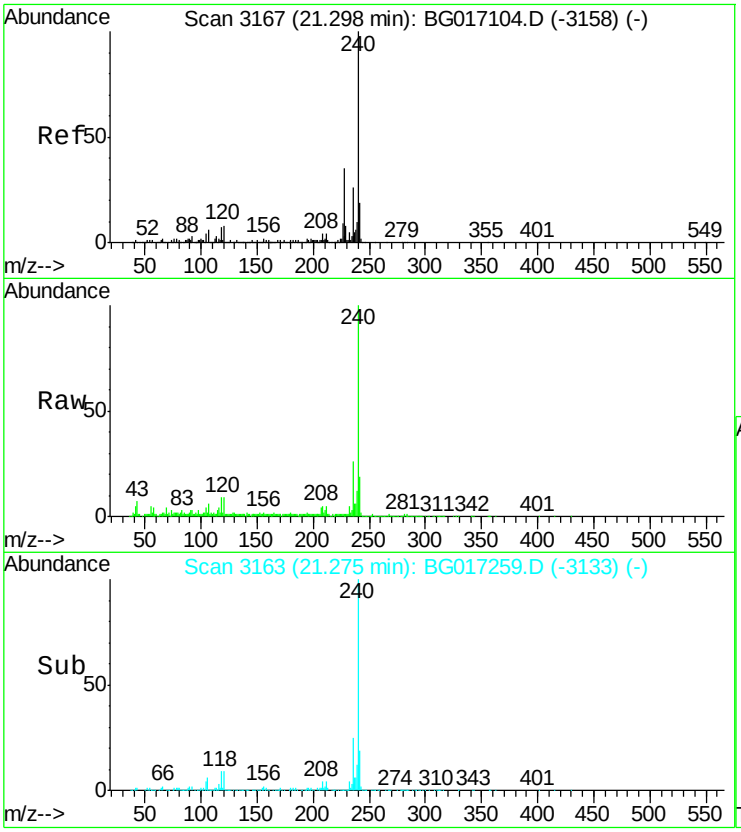


#70
Phenanthrene
Concen: 2.61 ng
RT: 17.13 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Tgt Ion:178 Resp: 27453

Ion	Ratio	Lower	Upper
178	100		
176	35.0	15.4	23.2#
179	36.0	12.5	18.7#



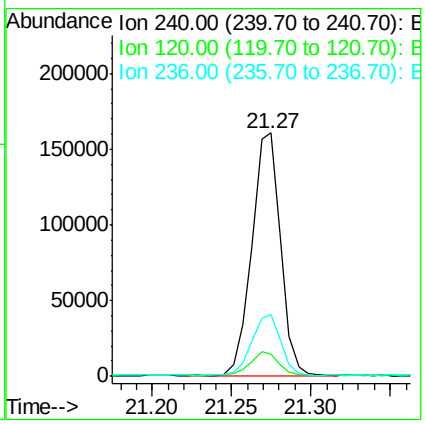


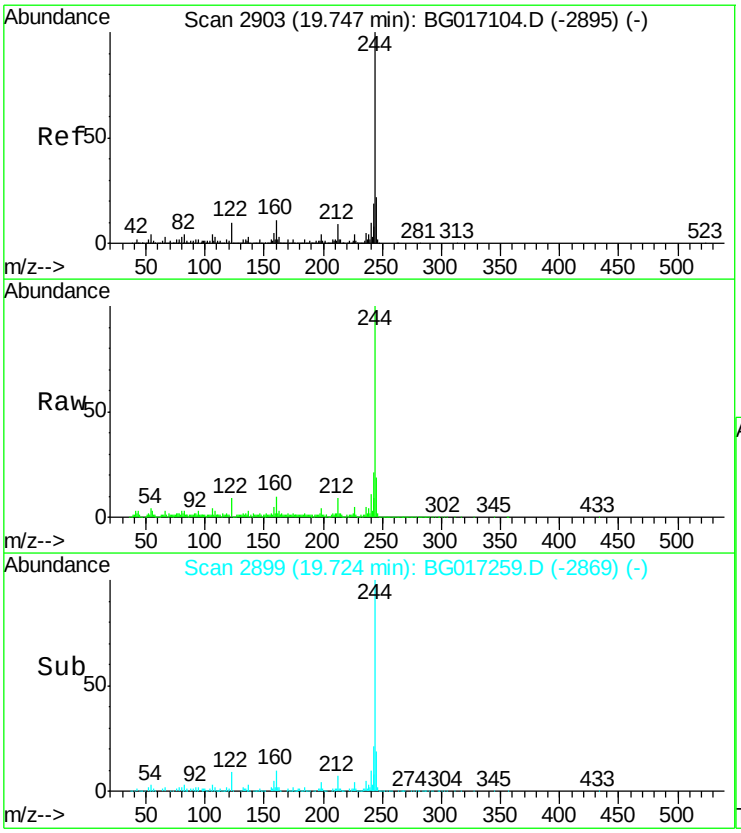
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

Tgt Ion:240 Resp: 201169

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.0	9.0
236	25.6	20.5	30.7

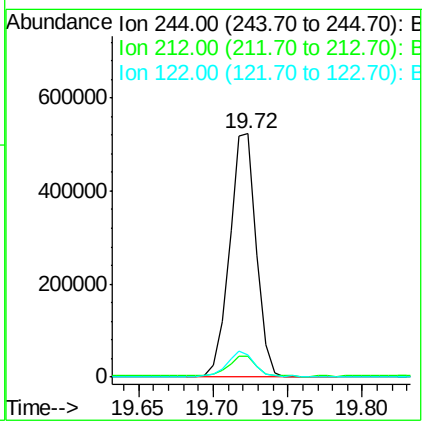


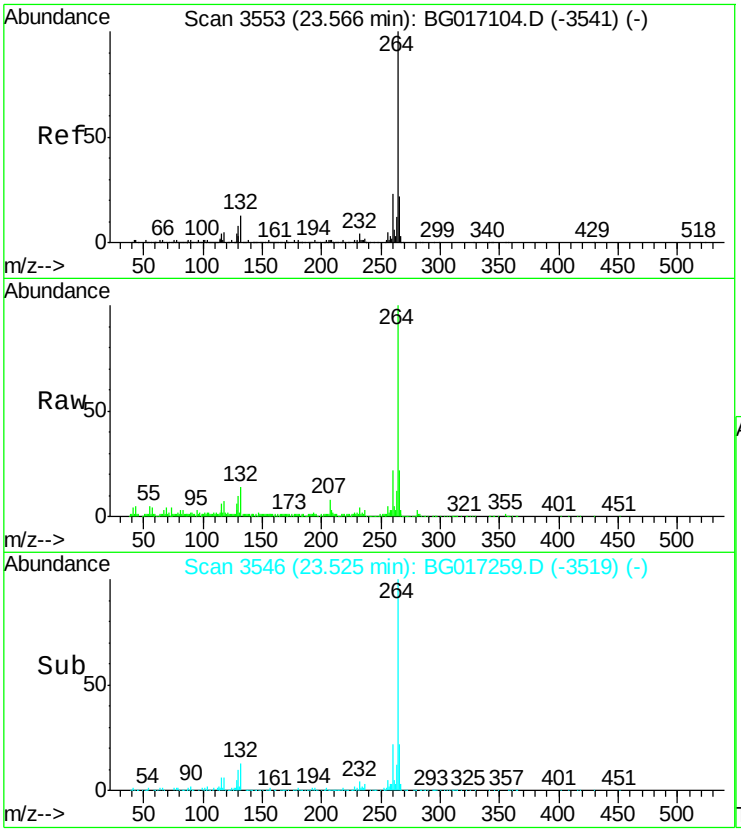


#78
Terphenyl-d14
Concen: 67.27 ng
RT: 19.72 min Scan# 2899
Delta R.T. -0.02 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Tgt Ion:244 Resp: 649405

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	9.1	8.4	12.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3546
Delta R.T. -0.04 min
Lab File: BG017259.D
Acq: 23 May 2015 1:01

Instrument :
BNA_G
ClientSampleId :
VE3-1

Tgt Ion:264 Resp: 199770

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.0	27.0
265	21.6	17.4	26.0