Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017670.D
Acq On : 13 Jun 2015 11:52
Operator : TP/IZ
Sample : G2627-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CMW-37

Quant Time: Jun 15 05:20:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17478	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	69714	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	52231	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	152506	20.00	ng		0.00
75) Chrysene-d12	21.16	240	227165	20.00	ng		0.00
86) Perylene-d12	23.36	264	217363	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	67621	74.93	ng		0.00
7) Phenol-d6	6.74	99	63467	48.00	ng		0.00
23) Nitrobenzene-d5	8.69	82	145604	87.67	ng		0.00
41) 2,4,6-Tribromophenol	15.71	330	142127	157.64	ng		0.00
44) 2-Fluorobiphenyl	12.82	172	357057	94.55	ng		0.00
78) Terphenyl-d14	19.60	244	954383	87.64	ng		0.00
Target Compounds							Qvalue
27) 2,4-Dimethylphenol	9.53	122	11349	10.20	ng		92
31) Naphthalene	10.37	128	115698	30.75	ng	#	91
51) Acenaphthene	14.27	154	37988	11.84	ng		93

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017670.D
Acq On : 13 Jun 2015 11:52
Operator : TP/IZ
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Misc :
ALS Vial : 31 Sample Multiplier: 1

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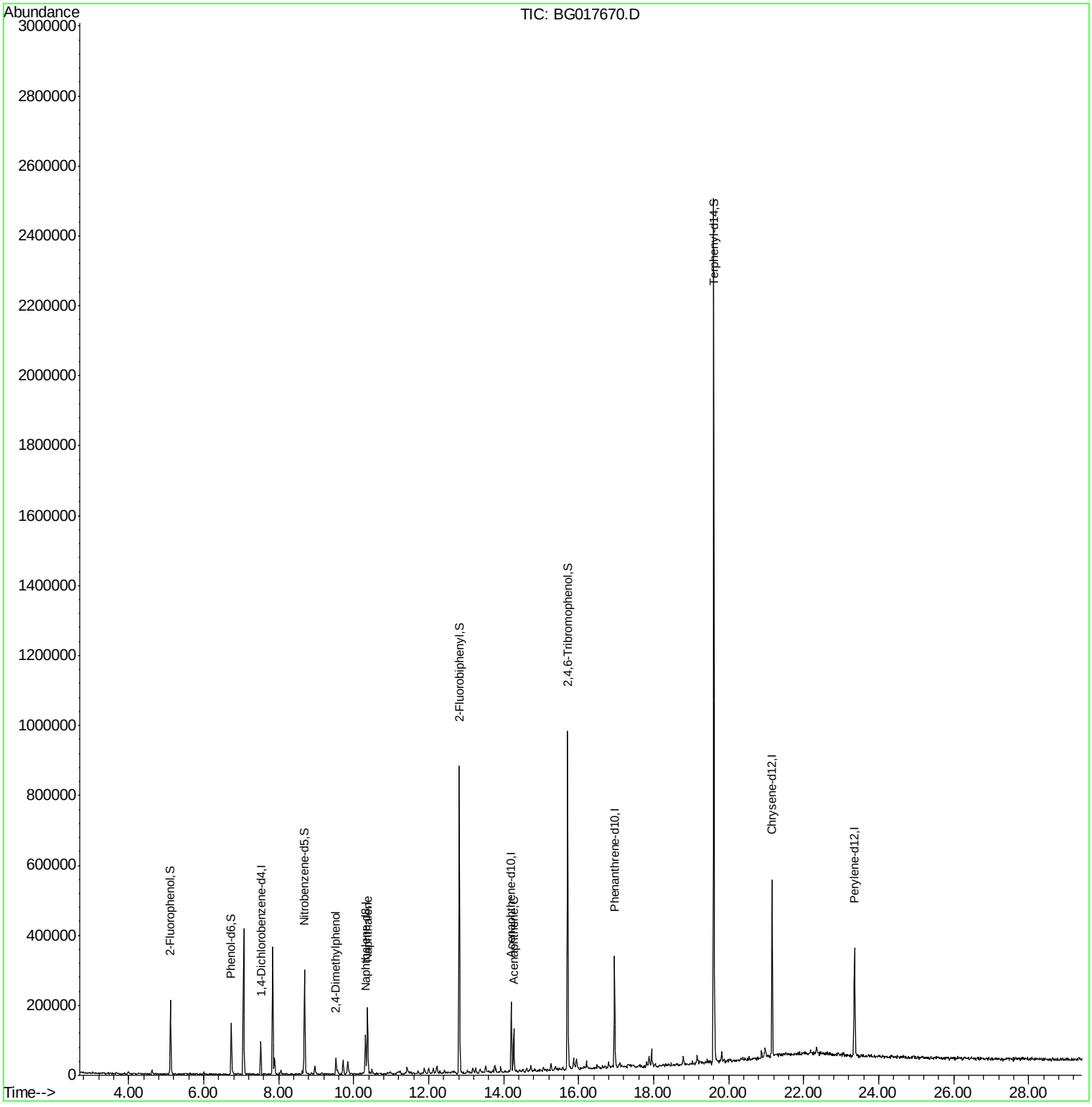
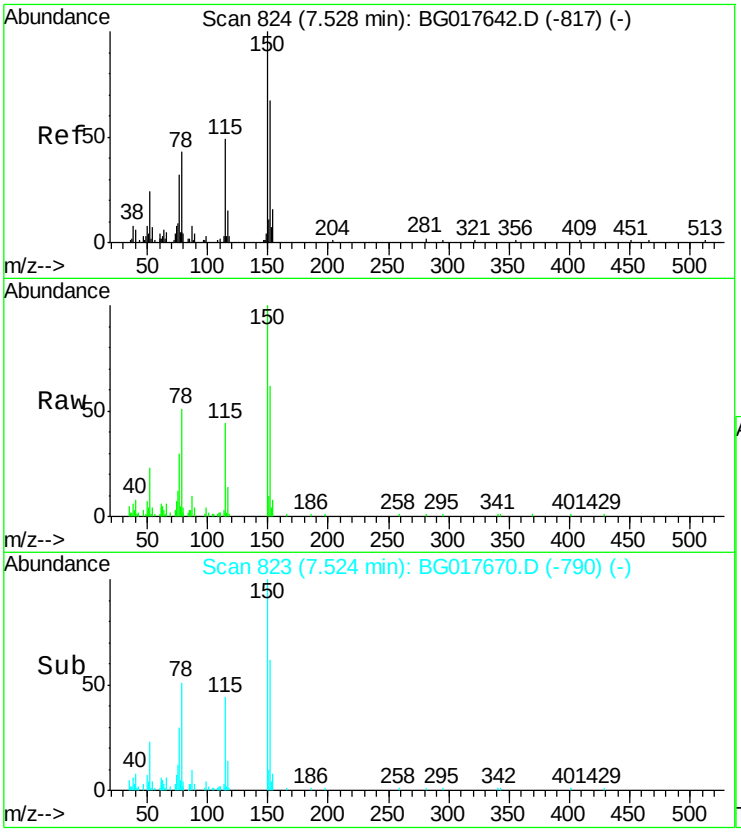
Response via : Initial Calibration



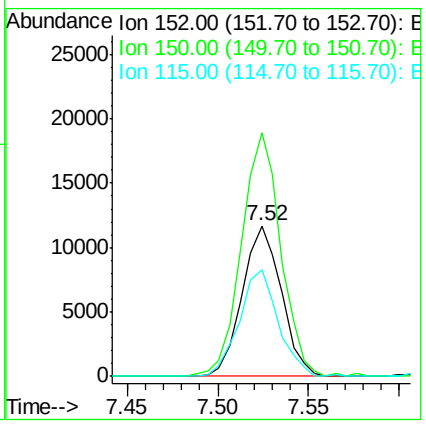


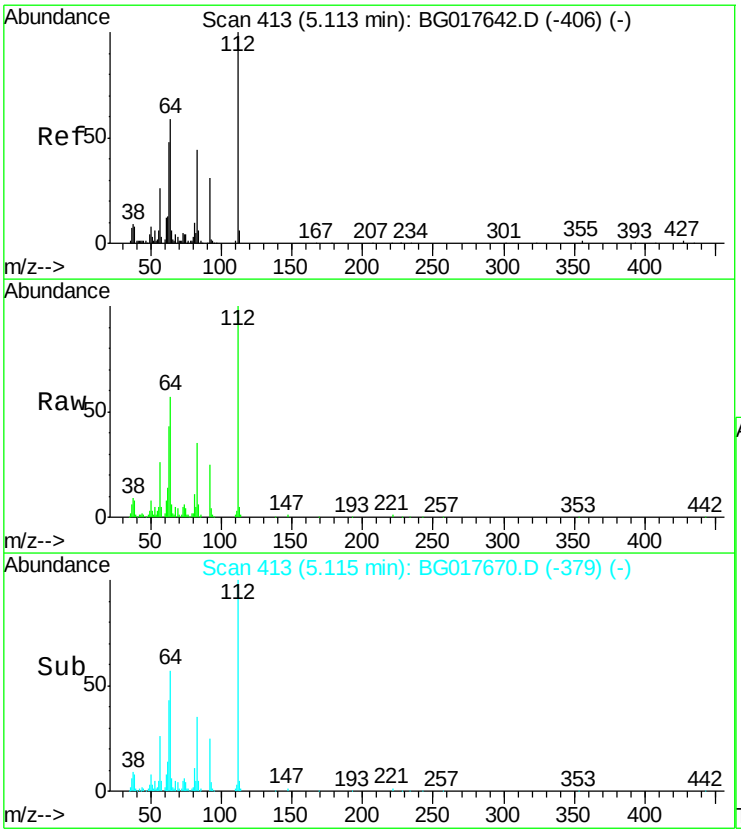
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Instrument :
BNA_G
ClientSampleId :
CMW-37

Tgt Ion:152 Resp: 17478

Ion	Ratio	Lower	Upper
152	100		
150	161.7	119.4	179.0
115	71.2	58.2	87.2

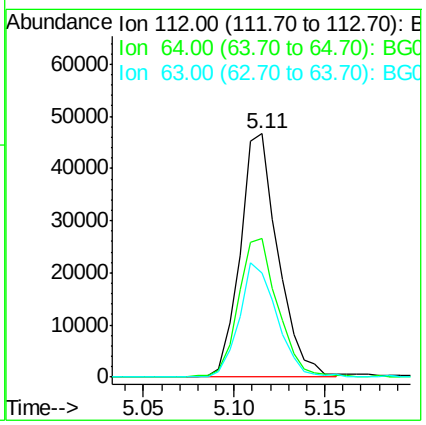


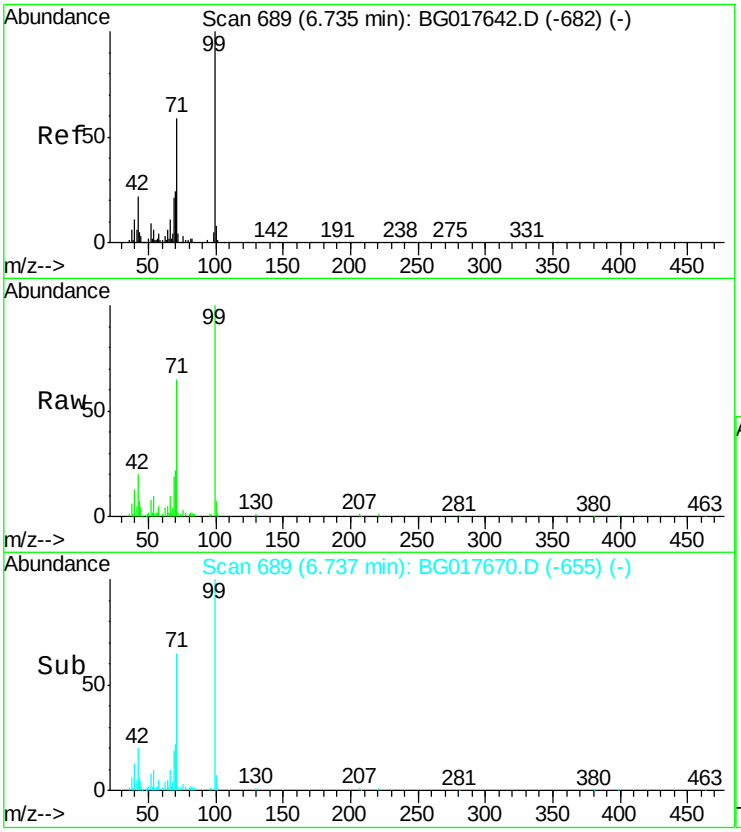


#5
2-Fluorophenol
Concen: 74.93 ng
RT: 5.11 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion:112 Resp: 67621

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.0	70.6
63	42.8	38.6	58.0



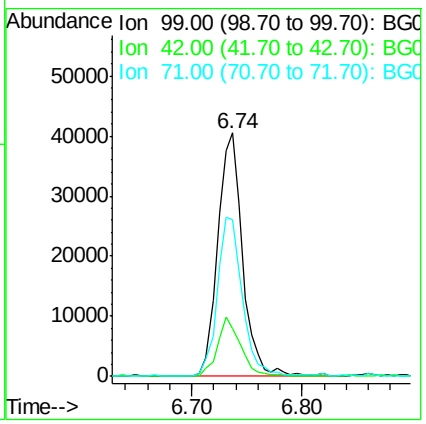


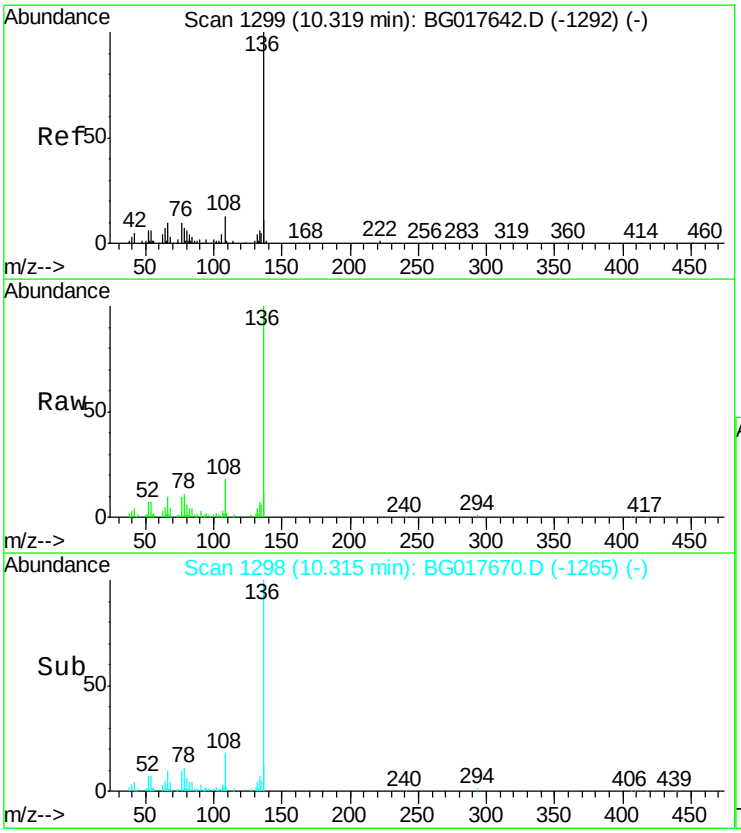
#7
Phenol-d6
Concen: 48.00 ng
RT: 6.74 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Instrument :
BNA_G
ClientSampleId :
CMW-37

Tgt Ion: 99 Resp: 63467

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.4	26.2
71	64.5	47.4	71.0

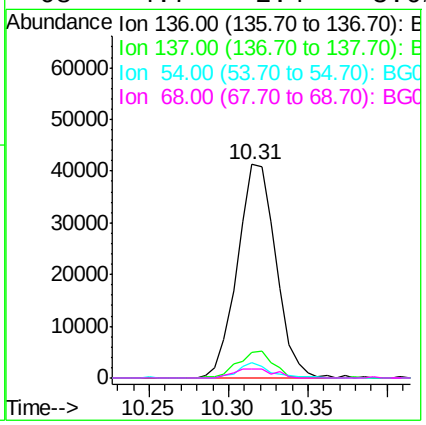


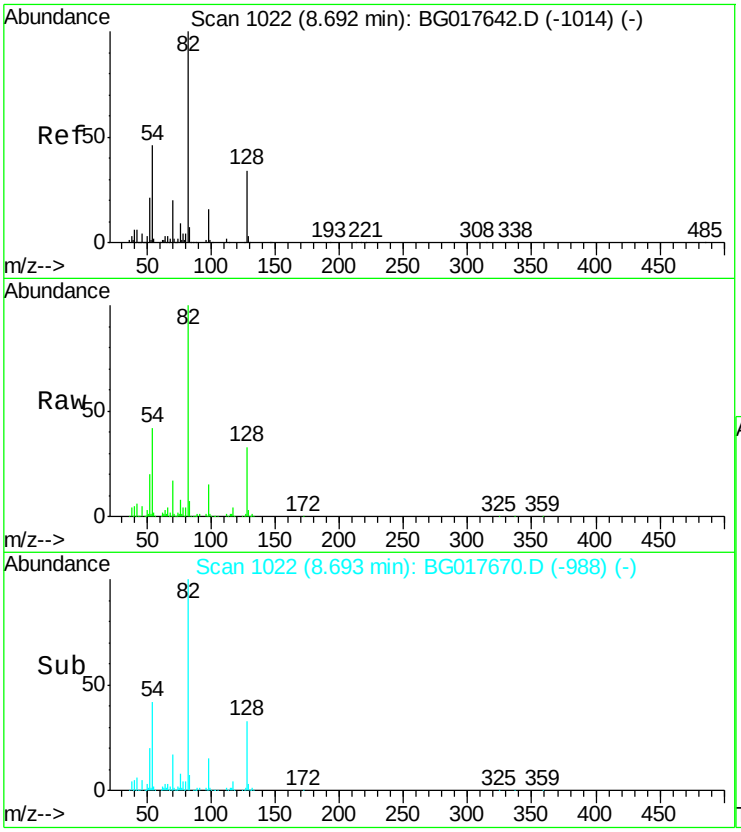


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.31 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion:136 Resp: 69714

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	7.7	4.7	7.1#
68	4.7	2.4	3.6#



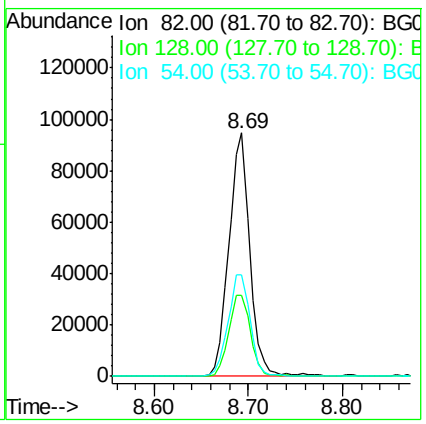


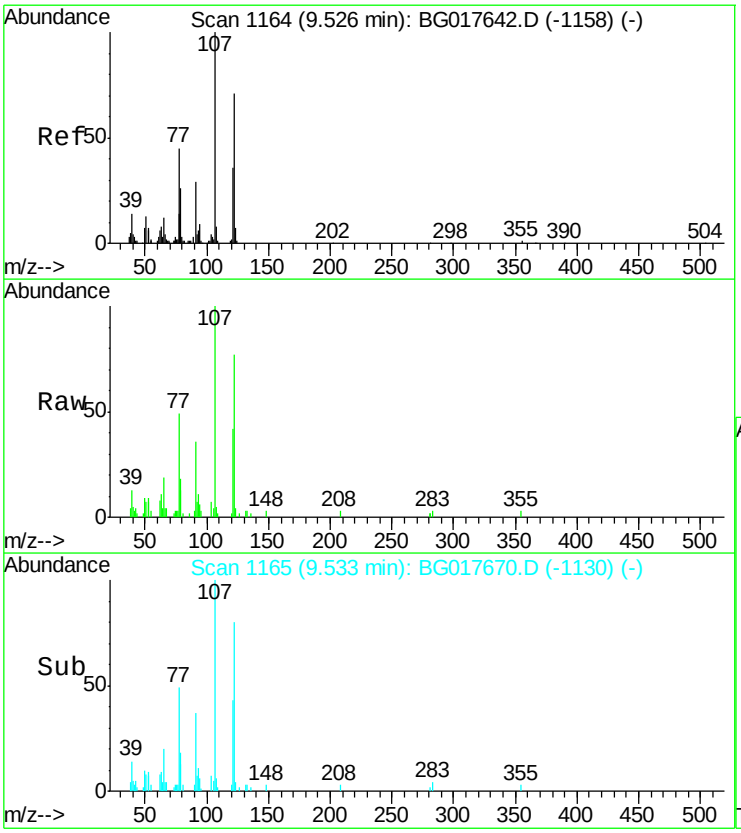
#23
Nitrobenzene-d5
Concen: 87.67 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Instrument :
BNA_G
ClientSampleId :
CMW-37

Tgt Ion: 82 Resp: 145604

Ion	Ratio	Lower	Upper
82	100		
128	33.5	27.3	40.9
54	41.7	37.0	55.4

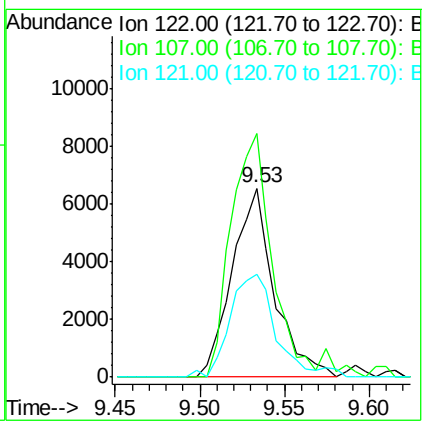


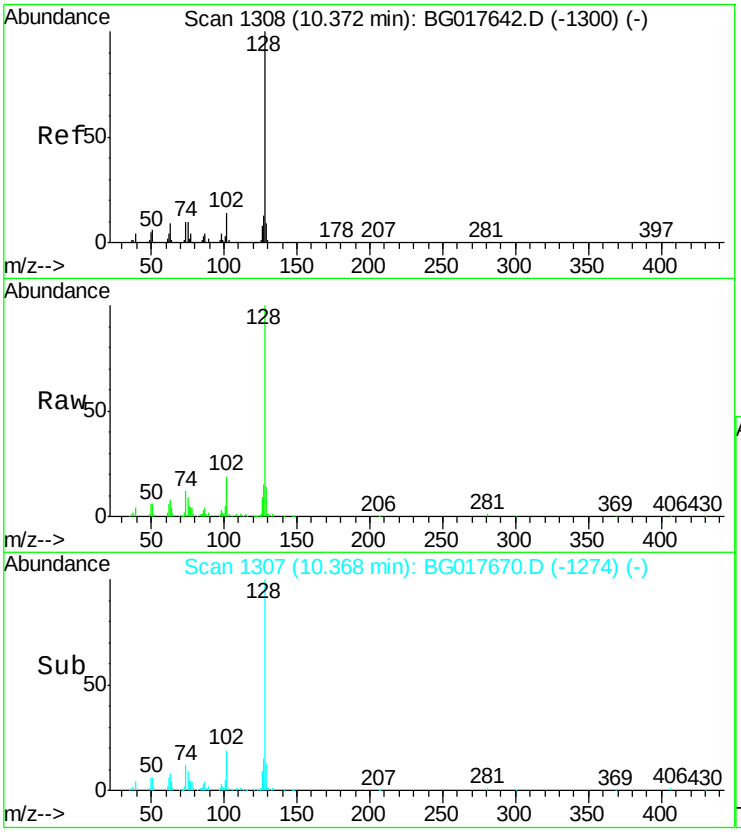


#27
2,4-Dimethylphenol
Concen: 10.20 ng
RT: 9.53 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion:122 Resp: 11349

Ion	Ratio	Lower	Upper
122	100		
107	129.1	112.3	168.5
121	54.2	41.0	61.4



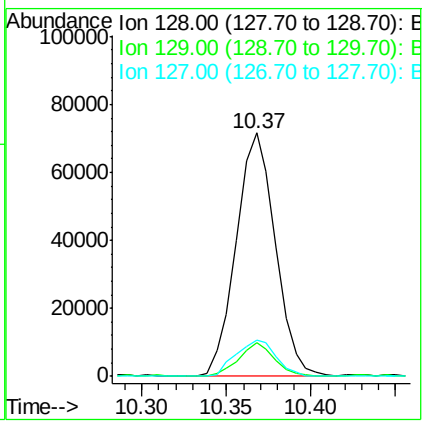


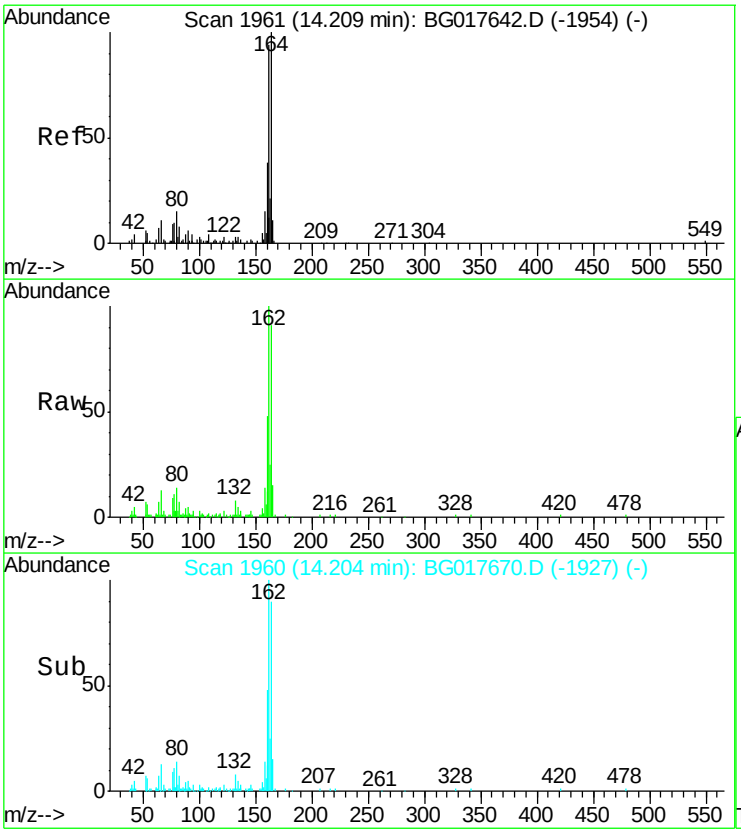
#31
Naphthalene
Concen: 30.75 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Instrument :
BNA_G
ClientSampleId :
CMW-37

Tgt Ion:128 Resp: 115698

Ion	Ratio	Lower	Upper
128	100		
129	13.7	7.0	10.4#
127	15.1	10.2	15.2

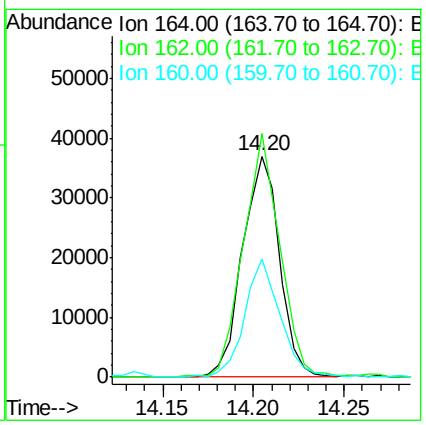


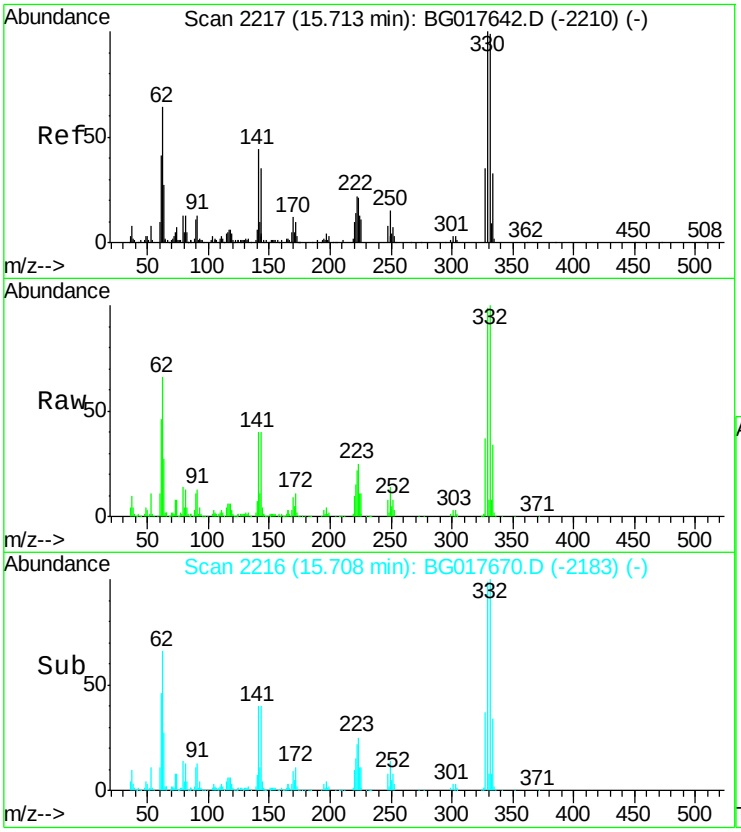


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion:164 Resp: 52231

Ion	Ratio	Lower	Upper
164	100		
162	110.1	75.0	112.4
160	53.3	30.3	45.5#



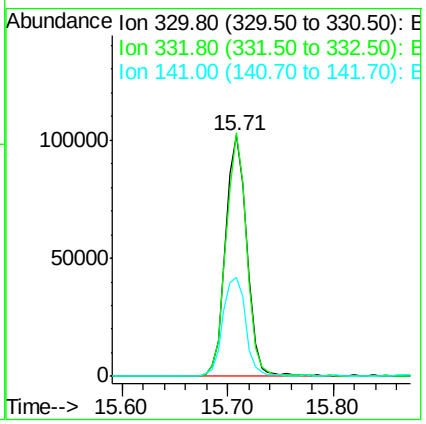


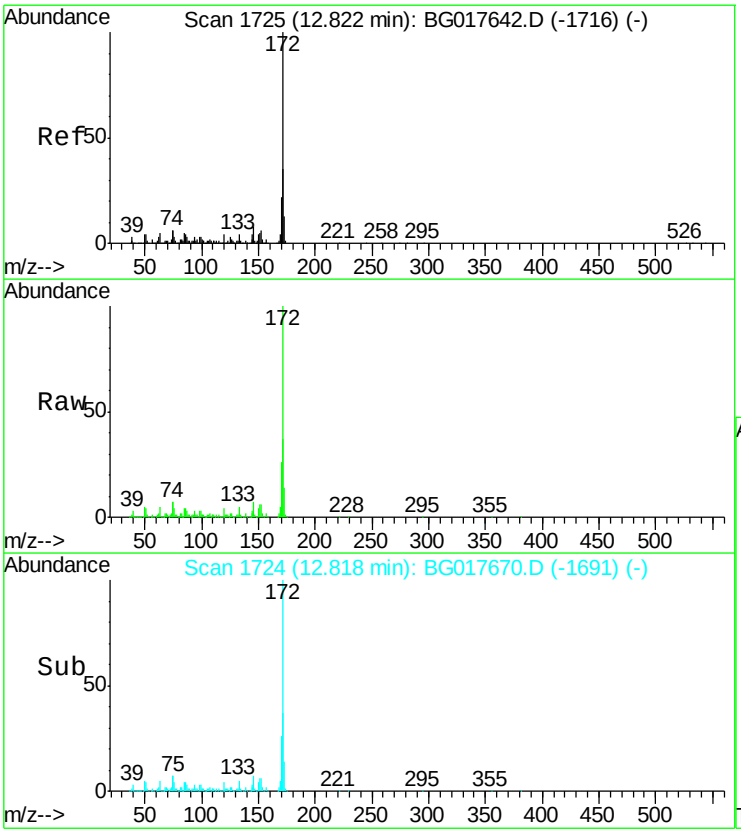
#41
2,4,6-Tribromophenol
Concen: 157.64 ng
RT: 15.71 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Instrument :
BNA_G
ClientSampleId :
CMW-37

Tgt Ion:330 Resp: 142127

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	44.1	34.6	51.8

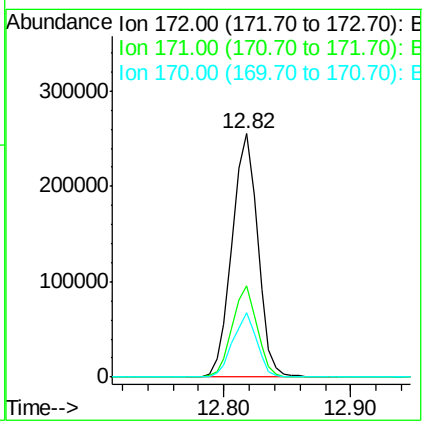


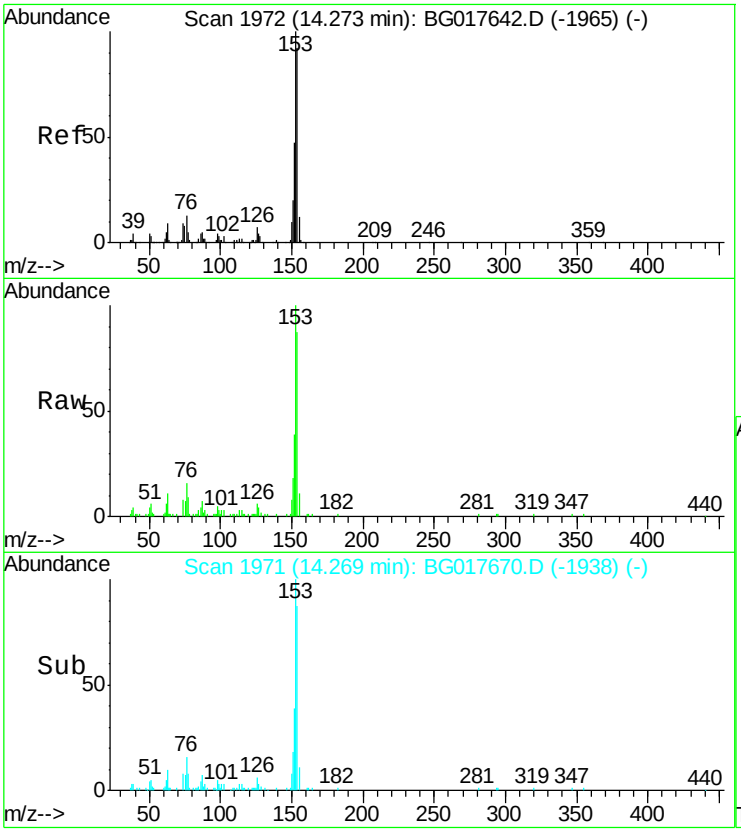


#44
2-Fluorobiphenyl
Concen: 94.55 ng
RT: 12.82 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion:172 Resp: 357057

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.2	42.2
170	26.3	17.4	26.2#



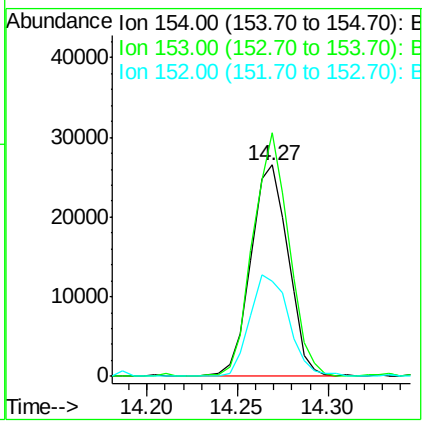


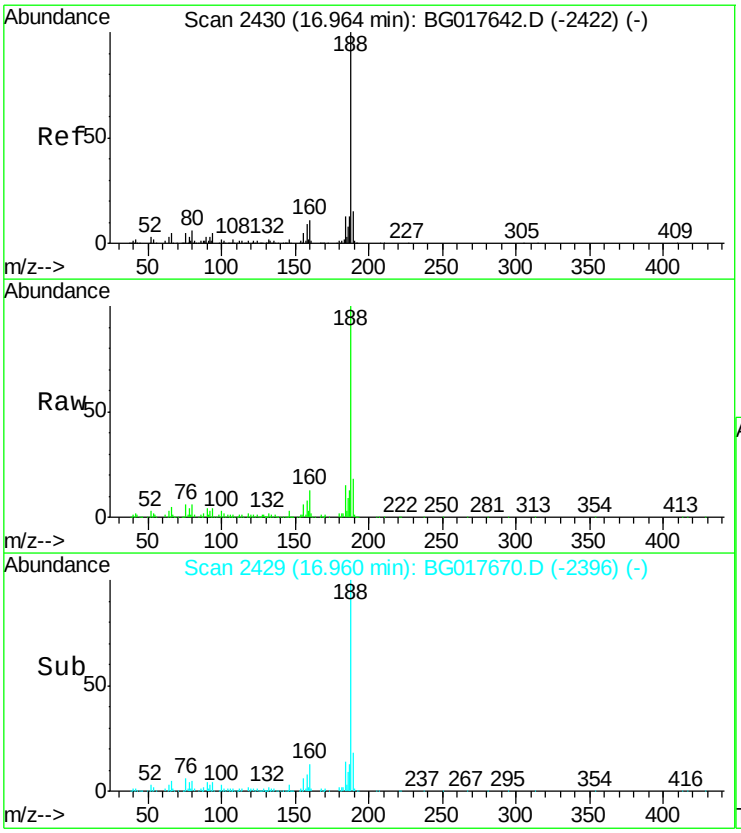
#51
Acenaphthene
Concen: 11.84 ng
RT: 14.27 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Instrument :
BNA_G
ClientSampleId :
CMW-37

Tgt Ion:154 Resp: 37988

Ion	Ratio	Lower	Upper
154	100		
153	115.3	87.2	130.8
152	45.2	41.0	61.4

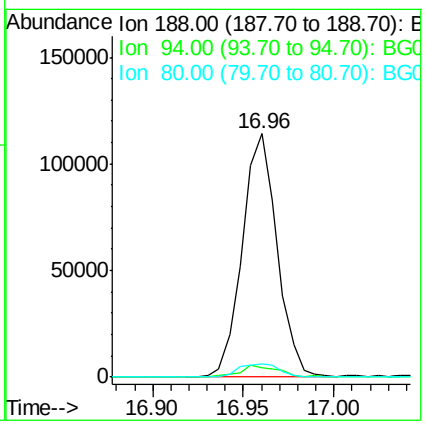


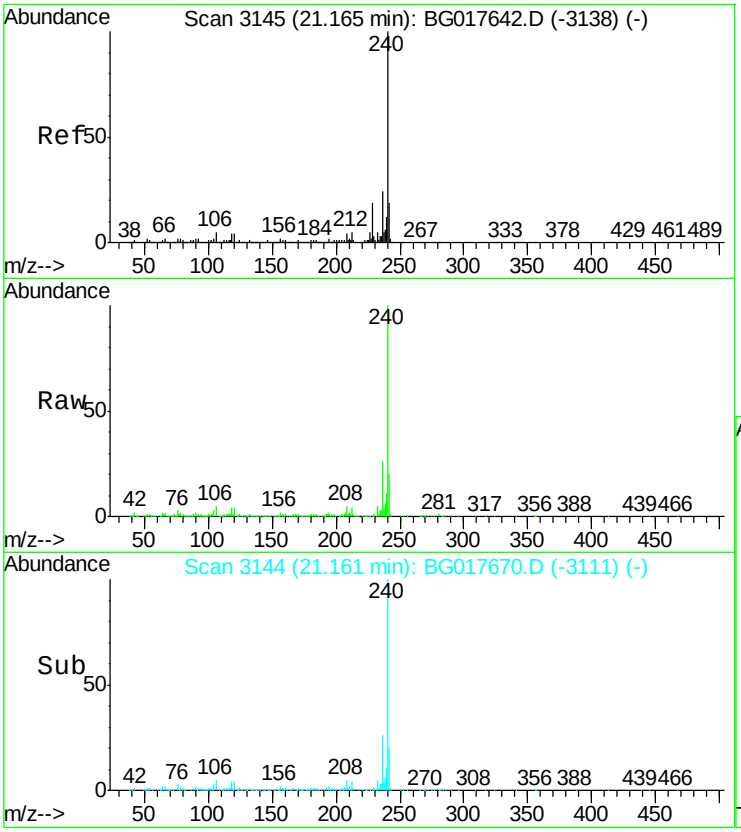


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion:188 Resp: 152506

Ion	Ratio	Lower	Upper
188	100		
94	3.9	3.9	5.9#
80	5.5	5.0	7.6



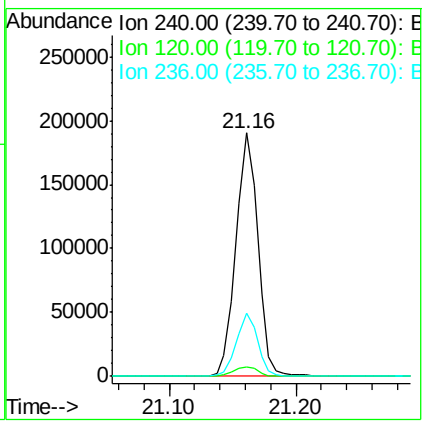


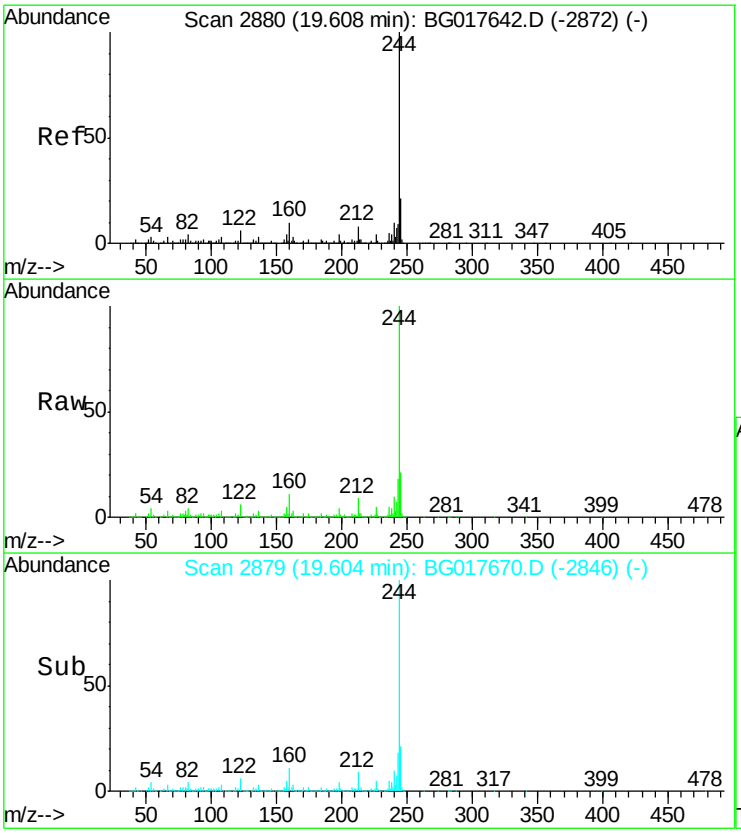
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Instrument :
BNA_G
ClientSampleId :
CMW-37

Tgt Ion:240 Resp: 227165

Ion	Ratio	Lower	Upper
240	100		
120	3.9	3.5	5.3
236	26.1	19.5	29.3

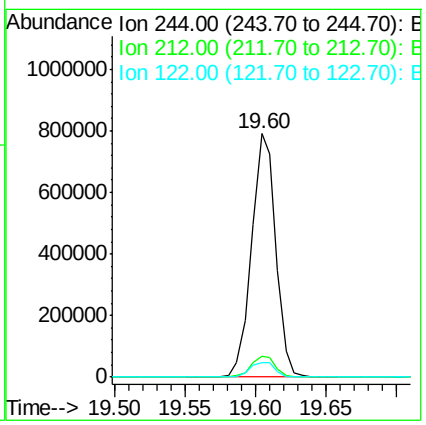


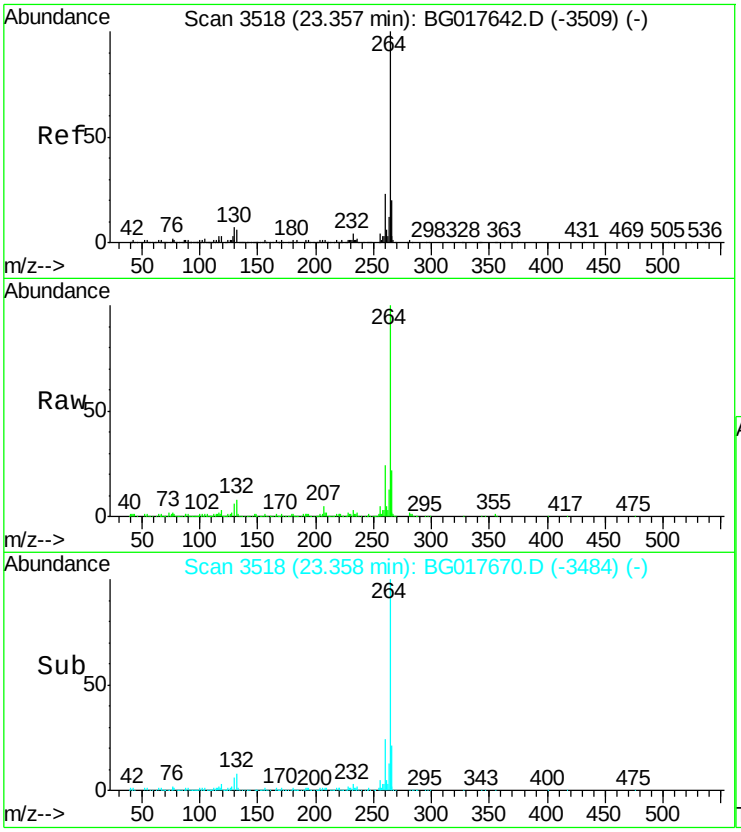


#78
Terphenyl-d14
Concen: 87.64 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Tgt Ion:244 Resp: 954383

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.3	9.5
122	5.9	4.6	6.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG017670.D
Acq: 13 Jun 2015 11:52

Instrument :
BNA_G
ClientSampleId :
CMW-37

Tgt Ion:264 Resp: 217363

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.5	16.2	24.2