Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017658.D
Acq On : 13 Jun 2015 4:54
Operator : TP/IZ
Sample : G2627-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-25

Quant Time: Jun 13 06:40:34 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	18383	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	67861	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	51469	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	153091	20.00	ng	0.00
75) Chrysene-d12	21.16	240	233190	20.00	ng	0.00
86) Perylene-d12	23.36	264	225426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	67251	70.85	ng	0.00
7) Phenol-d6	6.74	99	59436	42.73	ng	0.00
23) Nitrobenzene-d5	8.69	82	144411	89.33	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	133208	149.94	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	353808	95.08	ng	0.00
78) Terphenyl-d14	19.61	244	924119	82.67	ng	0.00
Target Compounds						Qvalue

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

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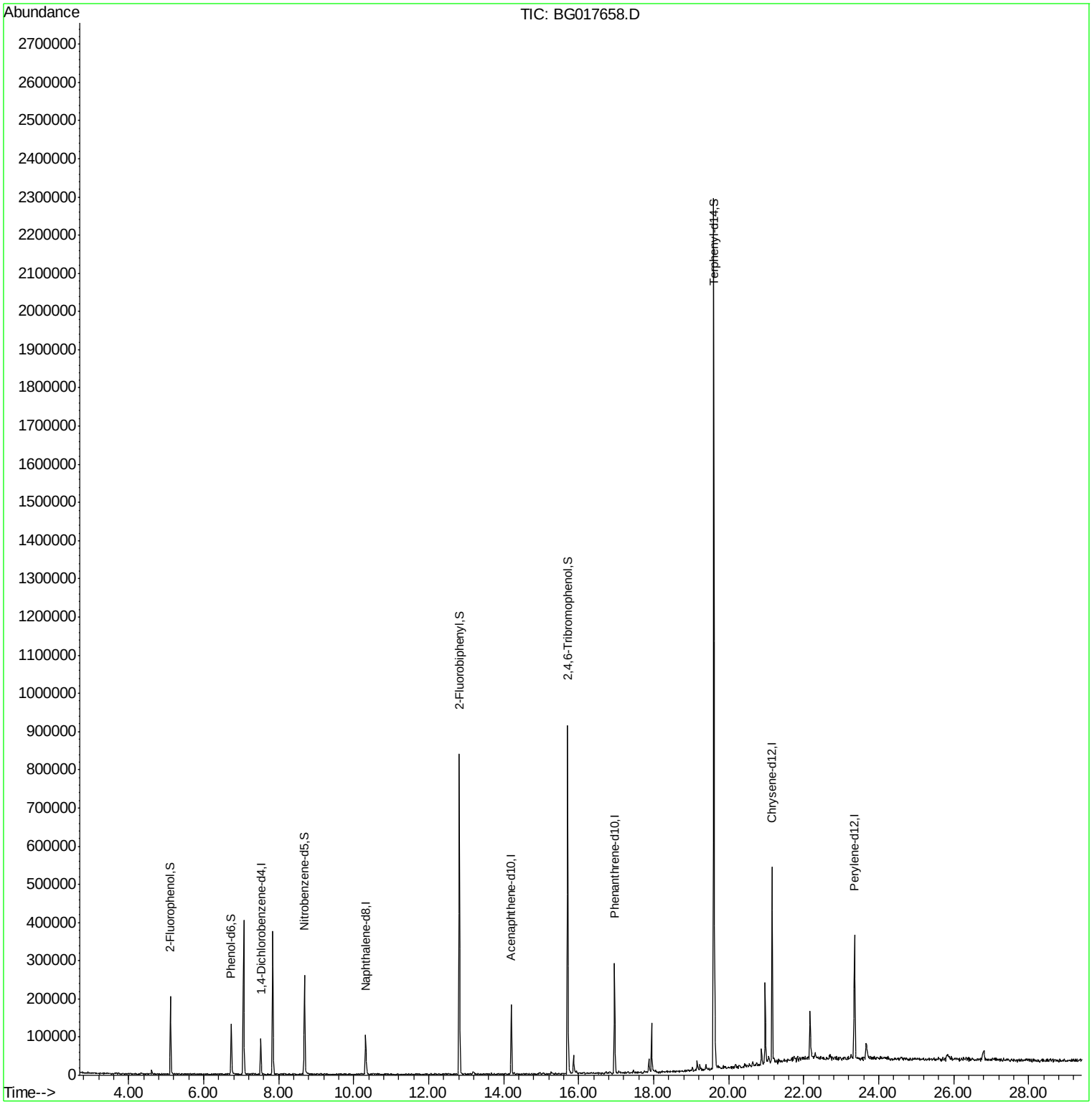
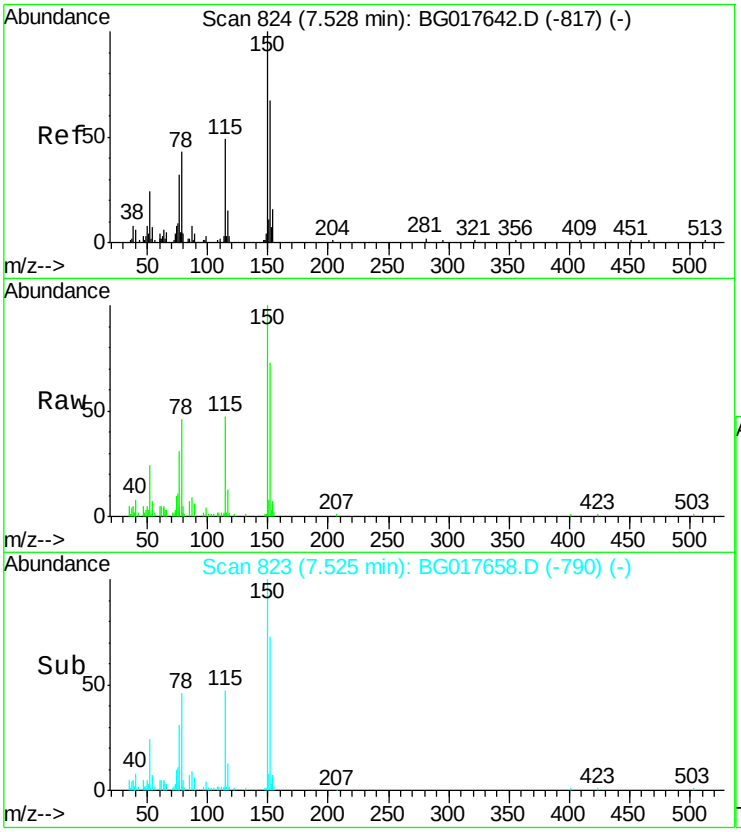


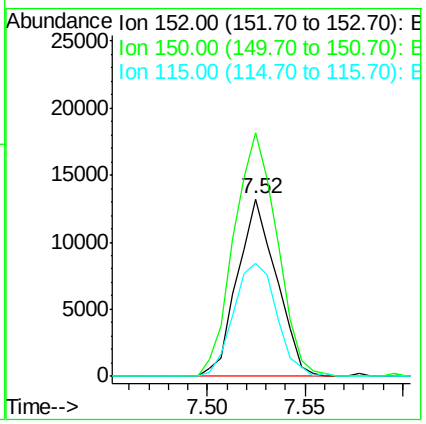


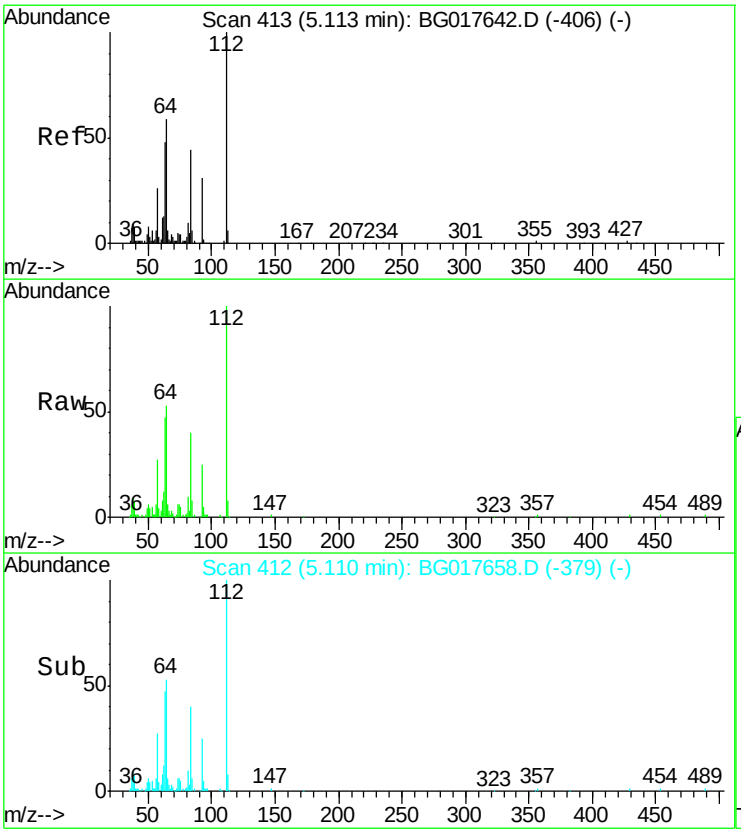
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017658.D
Acq: 13 Jun 2015 4:54

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion:152 Resp: 18383

Ion	Ratio	Lower	Upper
152	100		
150	137.3	119.4	179.0
115	64.1	58.2	87.2

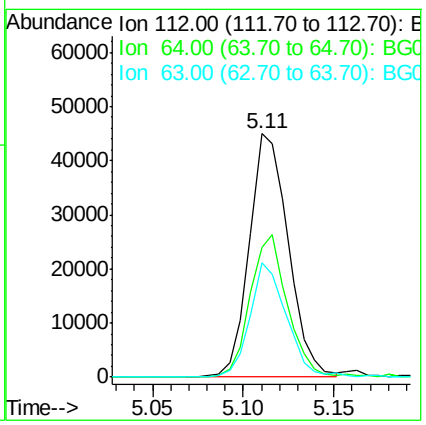


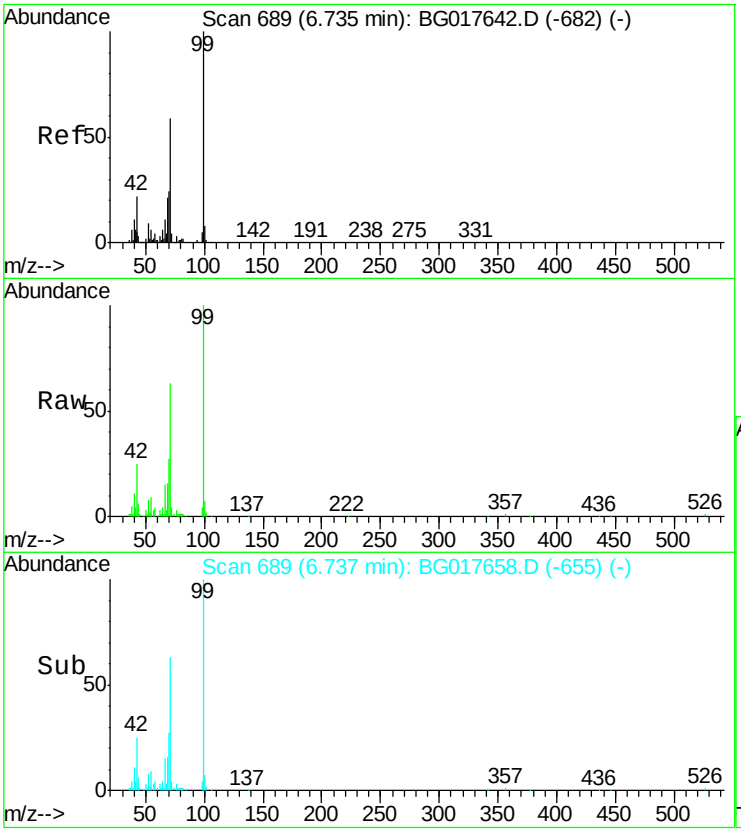


#5
2-Fluorophenol
Concen: 70.85 ng
RT: 5.11 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG017658.D
Acq: 13 Jun 2015 4:54

Tgt Ion:112 Resp: 67251

Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.0	70.6
63	46.7	38.6	58.0



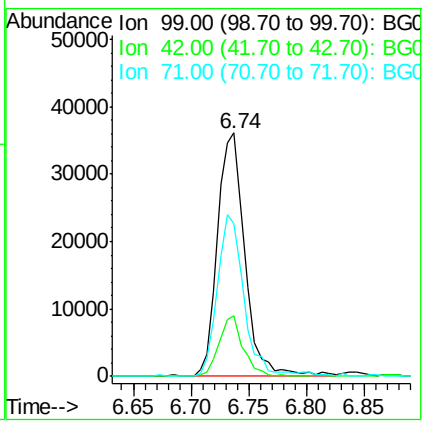


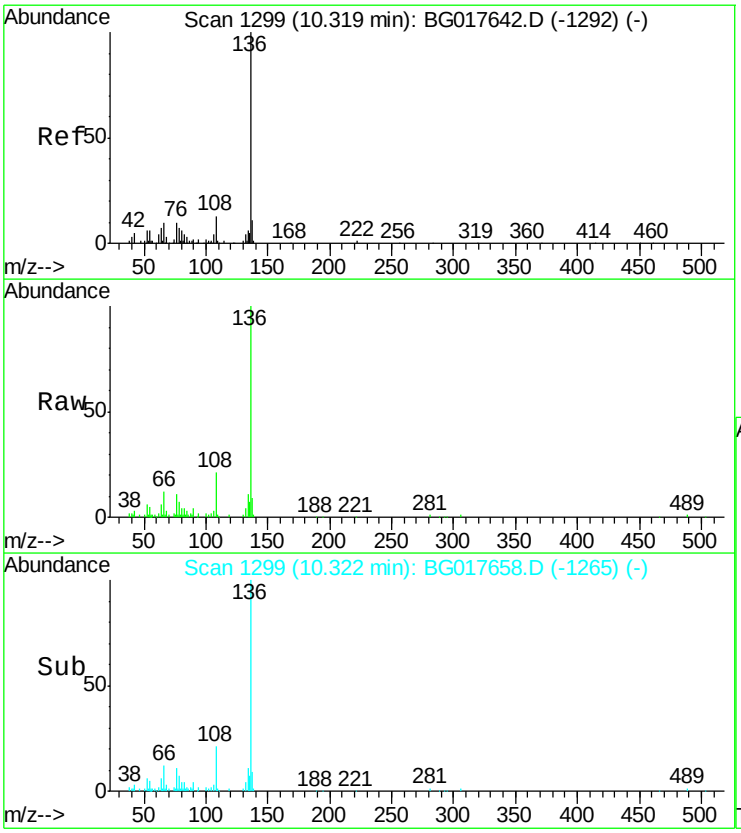
#7
Phenol-d6
Concen: 42.73 ng
RT: 6.74 min Scan# 689
Delta R.T. 0.00 min
Lab File: BG017658.D
Acq: 13 Jun 2015 4:54

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion: 99 Resp: 59436

Ion	Ratio	Lower	Upper
99	100		
42	25.0	17.4	26.2
71	63.0	47.4	71.0

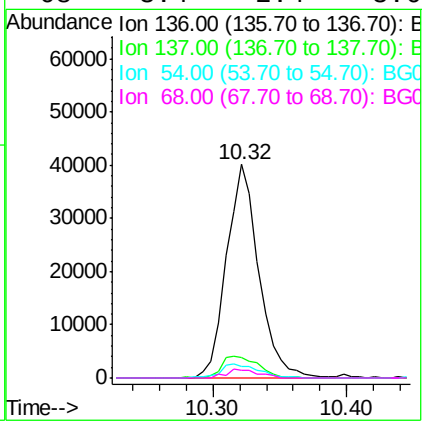


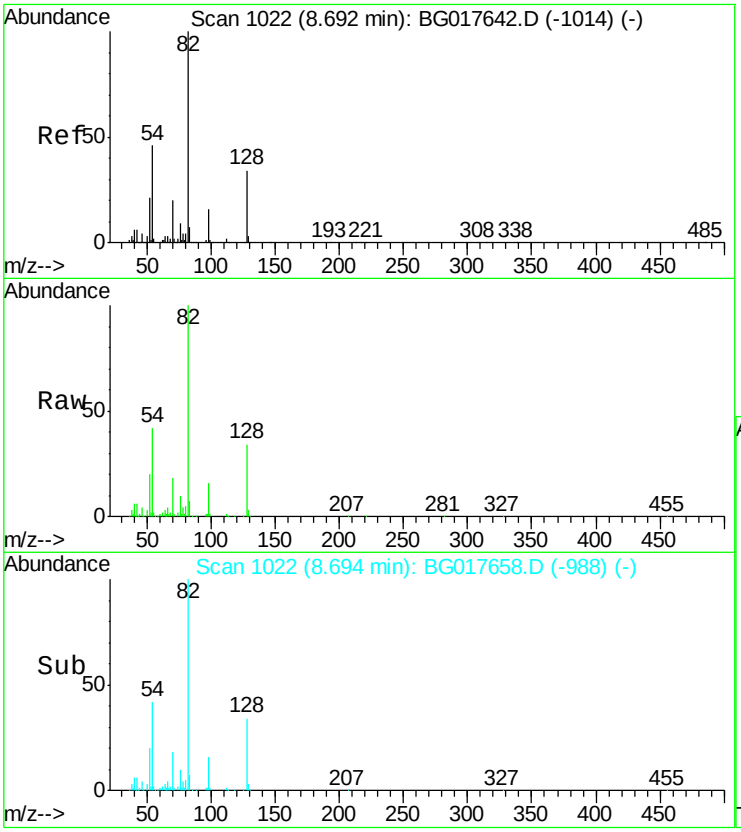


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017658.D
Acq: 13 Jun 2015 4:54

Tgt Ion:136 Resp: 67861

Ion	Ratio	Lower	Upper
136	100		
137	9.3	8.7	13.1
54	6.0	4.7	7.1
68	3.4	2.4	3.6



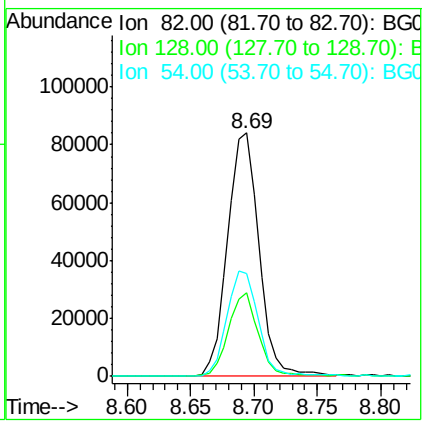


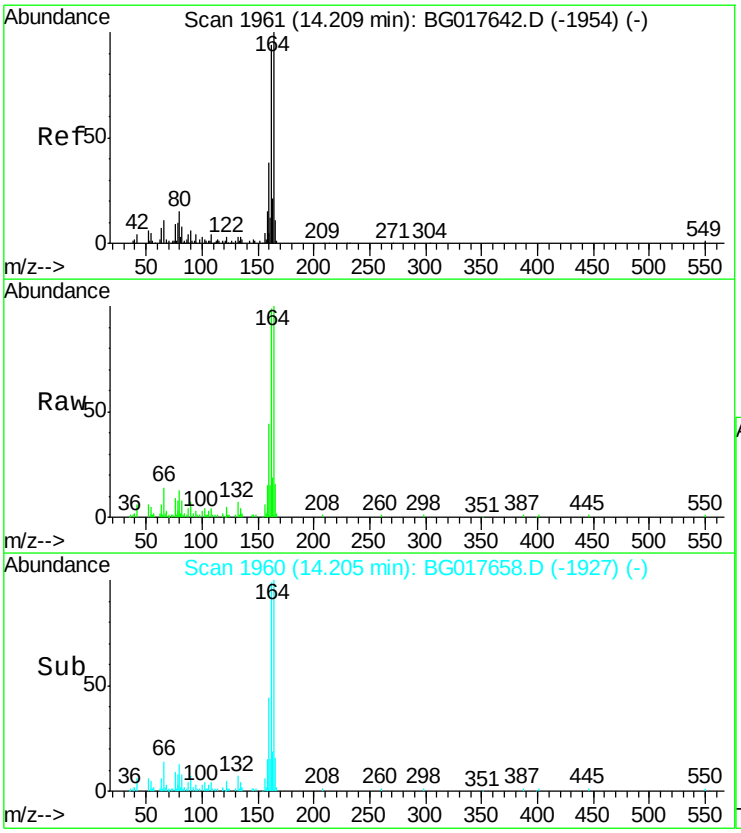
#23
Nitrobenzene-d5
Concen: 89.33 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG017658.D
Acq: 13 Jun 2015 4:54

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion: 82 Resp: 144411

Ion	Ratio	Lower	Upper
82	100		
128	34.4	27.3	40.9
54	42.4	37.0	55.4

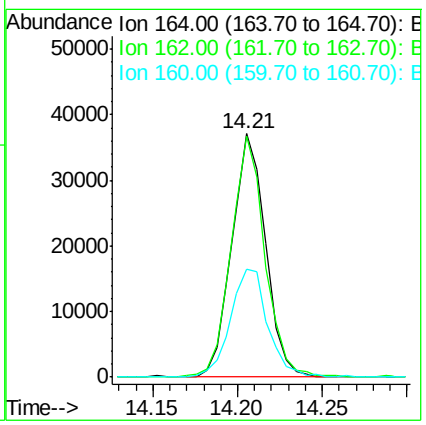


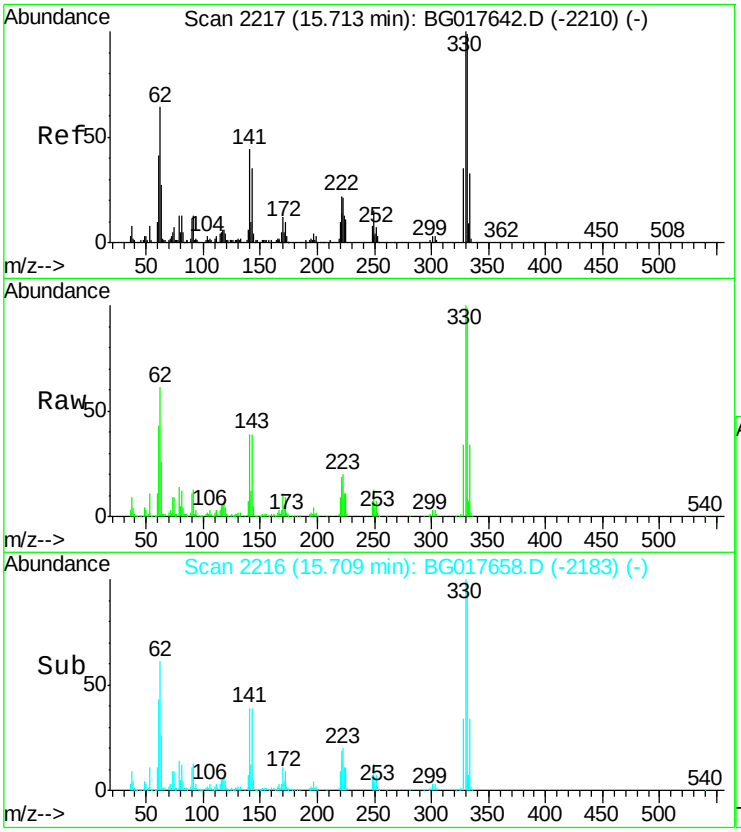


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG017658.D
Acq: 13 Jun 2015 4:54

Tgt Ion:164 Resp: 51469

Ion	Ratio	Lower	Upper
164	100		
162	98.8	75.0	112.4
160	44.1	30.3	45.5



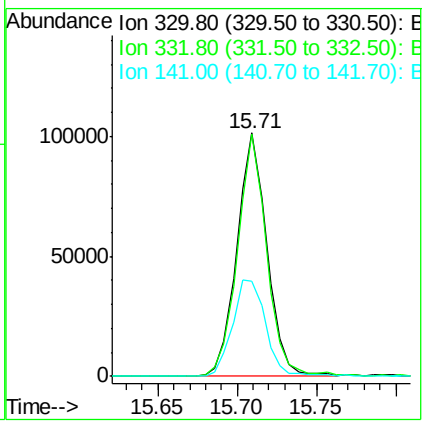


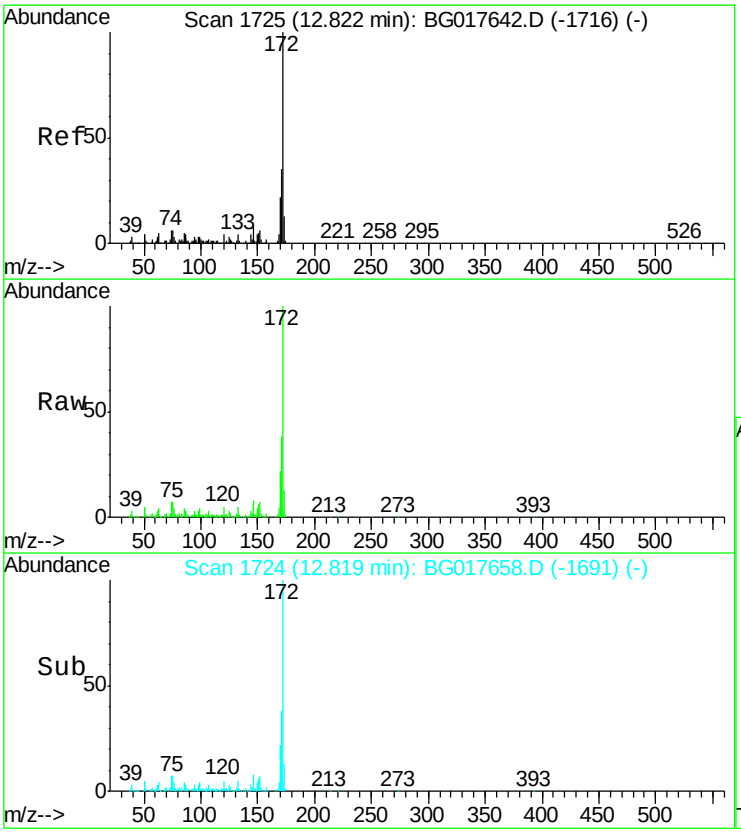
#41
2,4,6-Tribromophenol
Concen: 149.94 ng
RT: 15.71 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG017658.D
Acq: 13 Jun 2015 4:54

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion:330 Resp: 133208

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	44.3	34.6	51.8

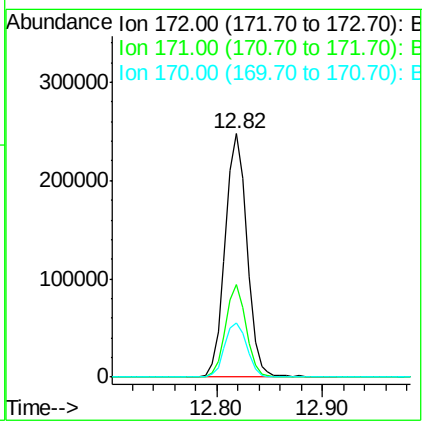


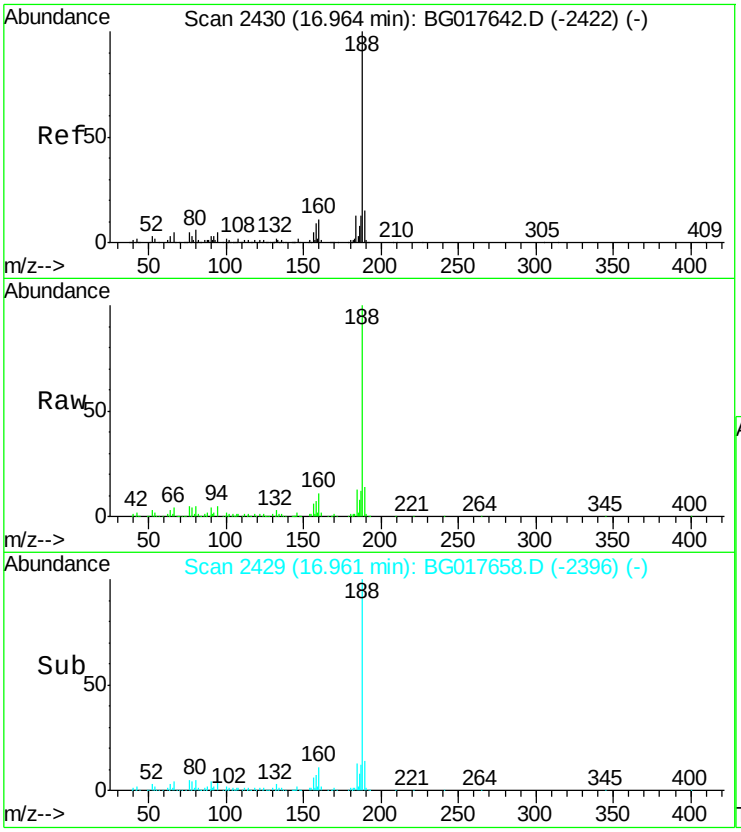


#44
2-Fluorobiphenyl
Concen: 95.08 ng
RT: 12.82 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG017658.D
Acq: 13 Jun 2015 4:54

Tgt Ion:172 Resp: 353808

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.2	42.2
170	22.3	17.4	26.2



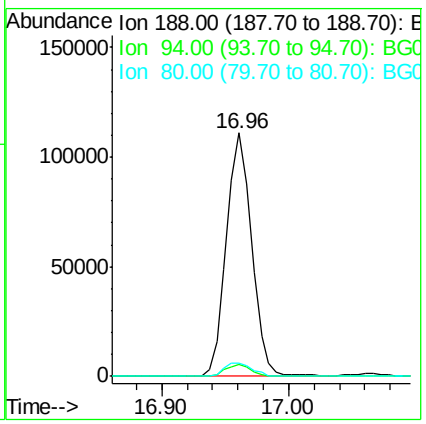


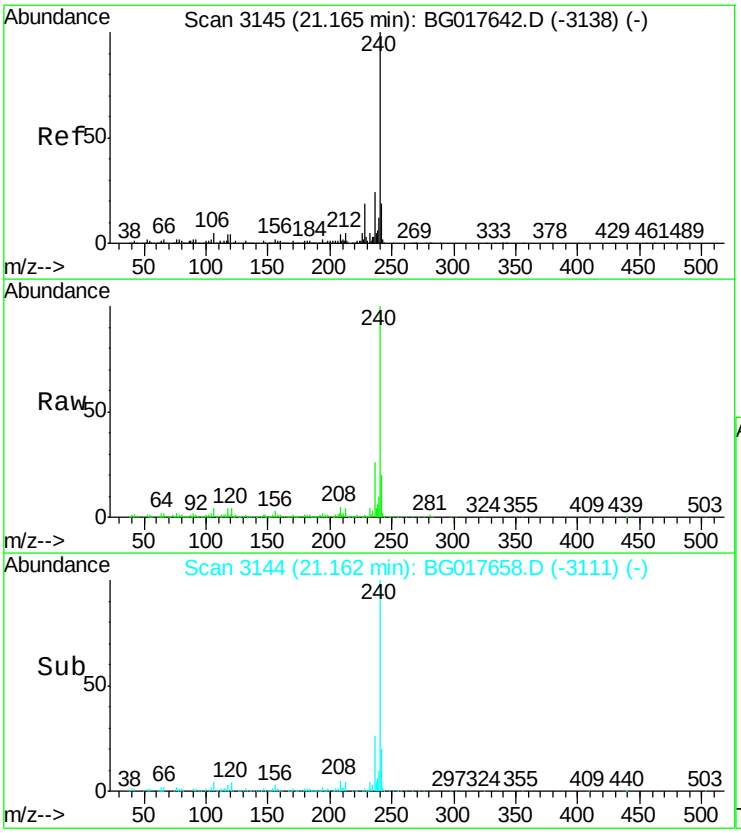
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG017658.D
Acq: 13 Jun 2015 4:54

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion:188 Resp: 153091

Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.9	5.9
80	5.3	5.0	7.6

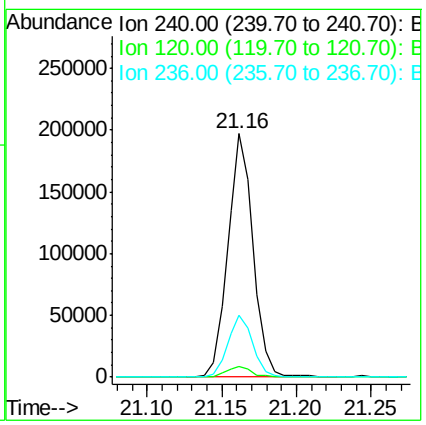


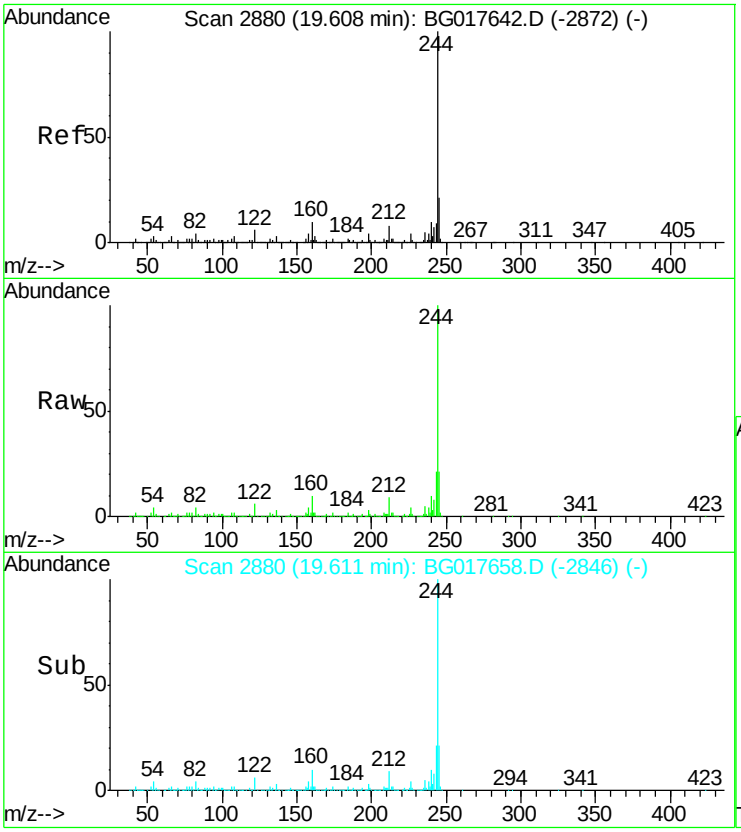


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG017658.D
Acq: 13 Jun 2015 4:54

Tgt Ion:240 Resp: 233190

Ion	Ratio	Lower	Upper
240	100		
120	4.4	3.5	5.3
236	25.7	19.5	29.3



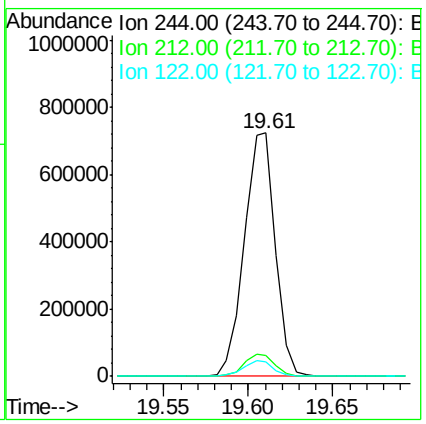


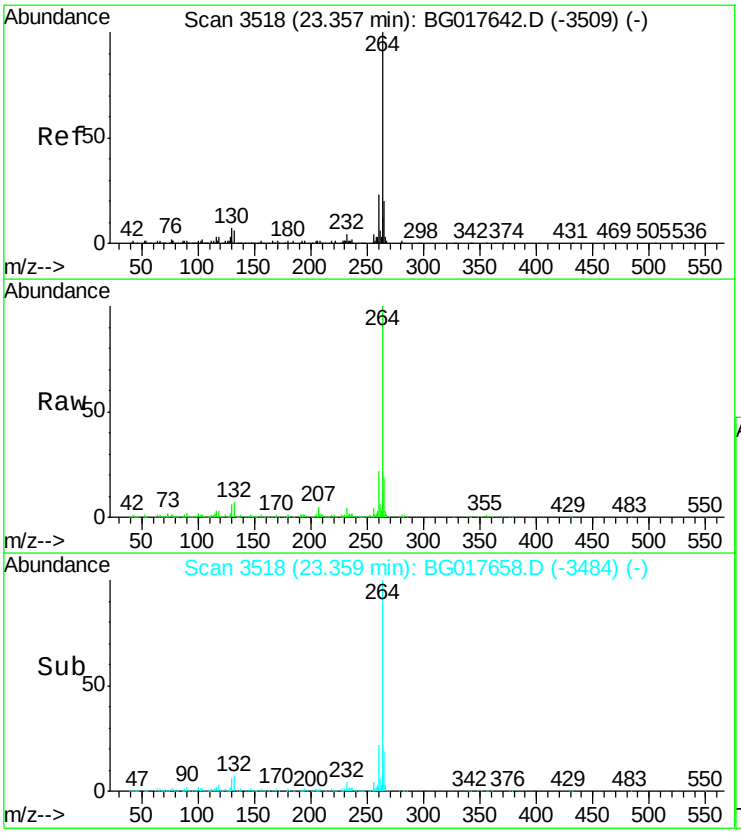
#78
Terphenyl-d14
Concen: 82.67 ng
RT: 19.61 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BG017658.D
Acq: 13 Jun 2015 4:54

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion:244 Resp: 924119

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.3	9.5
122	5.7	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: BG017658.D
Acq: 13 Jun 2015 4:54

Tgt Ion:264 Resp: 225426

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.3	27.5
265	19.4	16.2	24.2