Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017657.D
Acq On : 13 Jun 2015 4:19
Operator : TP/IZ
Sample : G2627-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-28

Quant Time: Jun 13 05:27:18 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 05:04:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	19226	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	63606	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	51981	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	149132	20.00	ng	0.00
75) Chrysene-d12	21.16	240	222019	20.00	ng	0.00
86) Perylene-d12	23.36	264	221888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	72386	72.92	ng	0.00
7) Phenol-d6	6.73	99	63676	43.78	ng	0.00
23) Nitrobenzene-d5	8.69	82	151736	100.14	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	144576	161.13	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	370186	98.50	ng	0.00
78) Terphenyl-d14	19.61	244	971449	91.28	ng	0.00
Target Compounds						Qvalue

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

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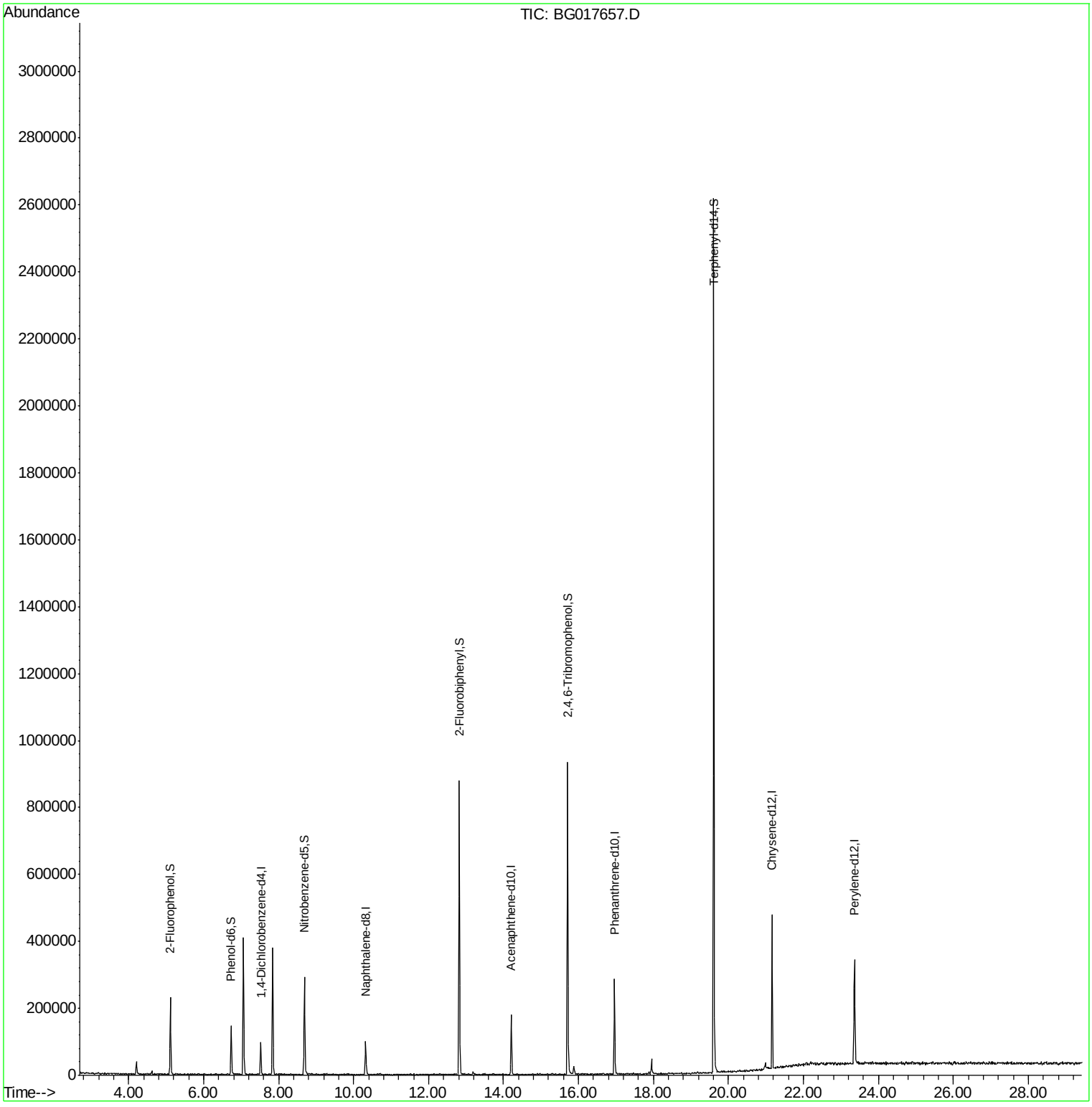
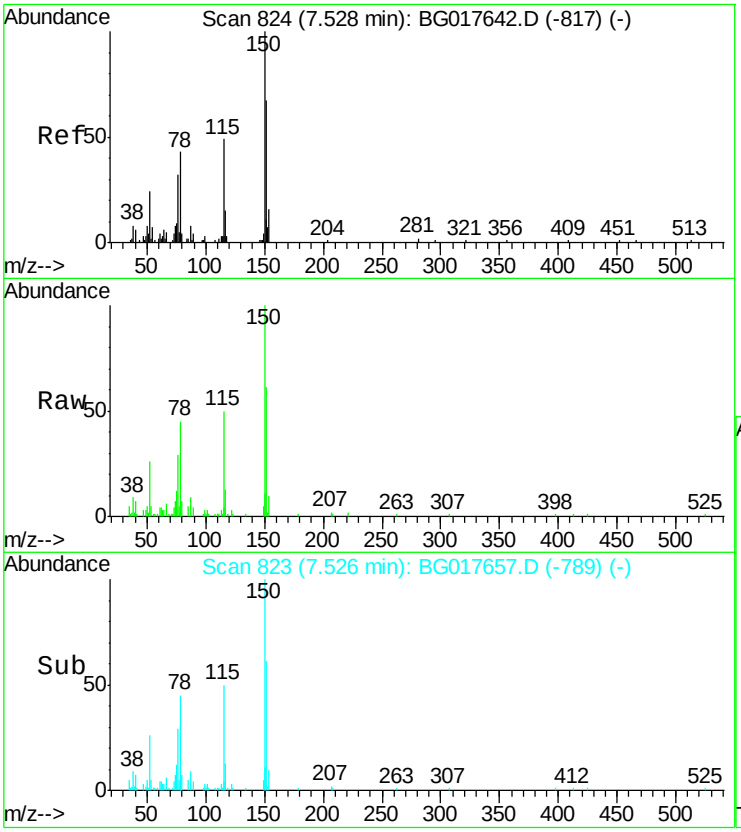


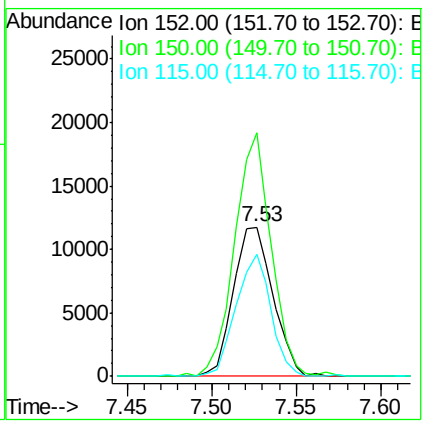


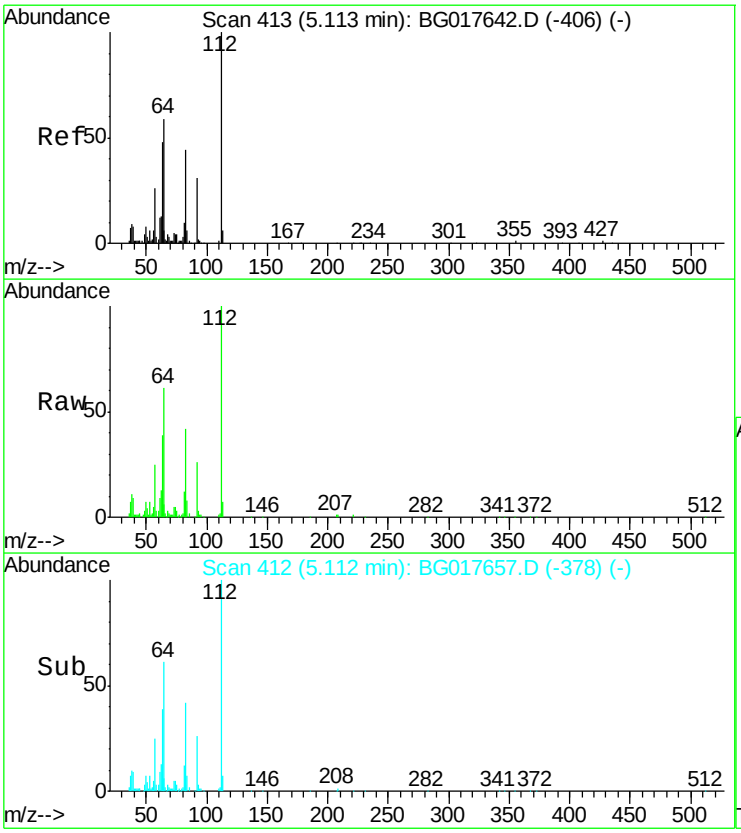
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:152 Resp: 19226

Ion	Ratio	Lower	Upper
152	100		
150	162.9	119.4	179.0
115	81.5	58.2	87.2

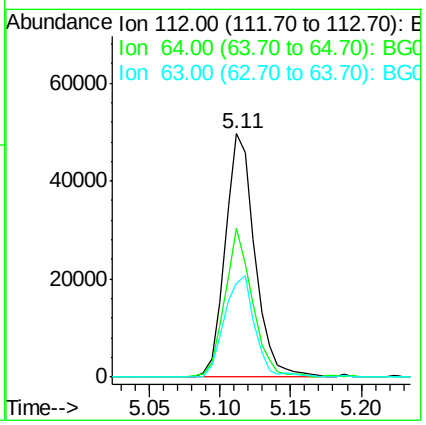


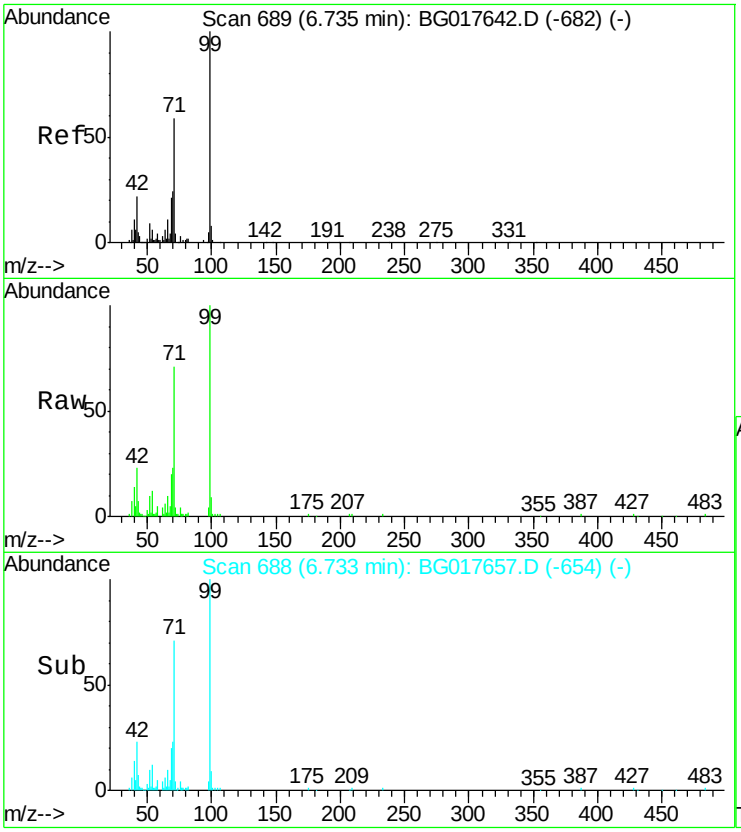


#5
2-Fluorophenol
Concen: 72.92 ng
RT: 5.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Tgt Ion:112 Resp: 72386

Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.0	70.6
63	38.7	38.6	58.0



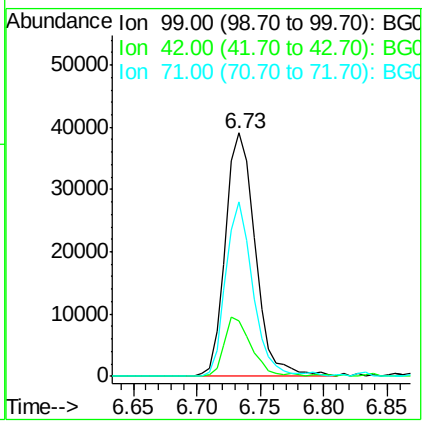


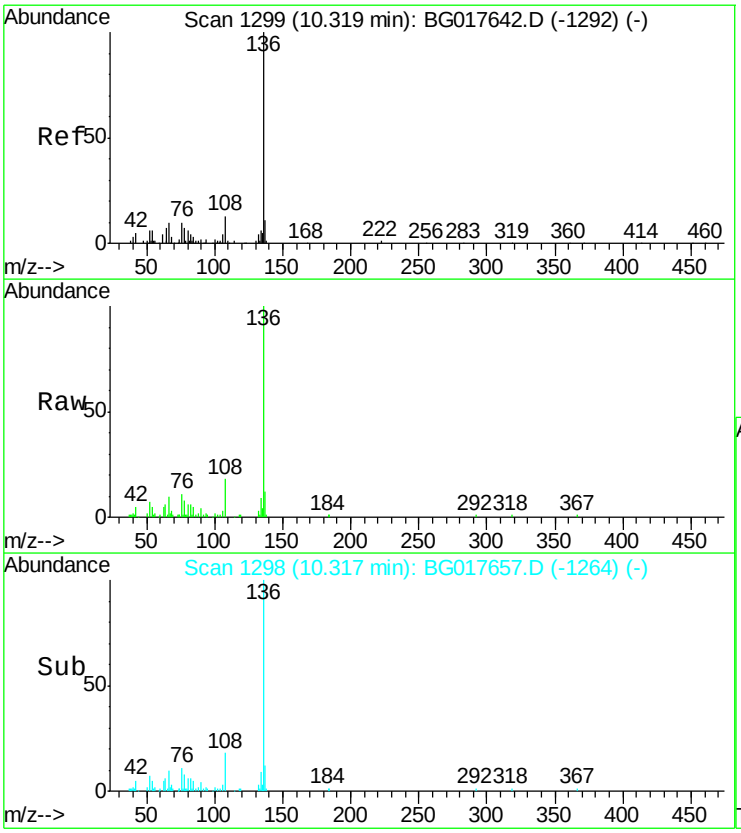
#7
Phenol-d6
Concen: 43.78 ng
RT: 6.73 min Scan# 688
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion: 99 Resp: 63676

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.4	26.2
71	71.5	47.4	71.0#

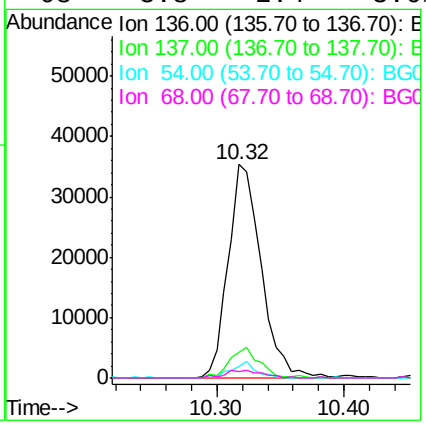


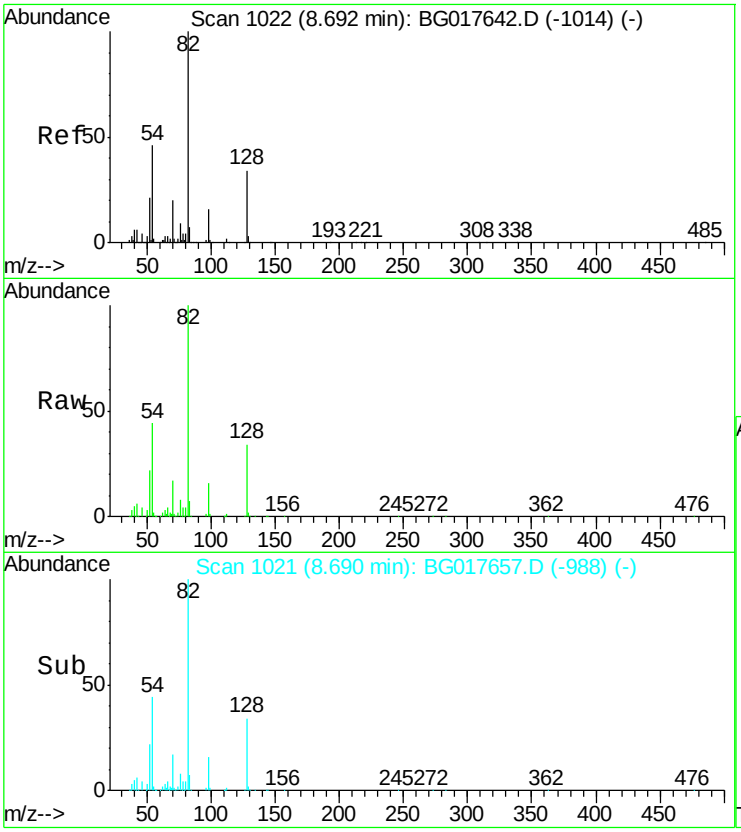


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Tgt Ion:136 Resp: 63606

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.7	13.1
54	5.5	4.7	7.1
68	3.8	2.4	3.6#



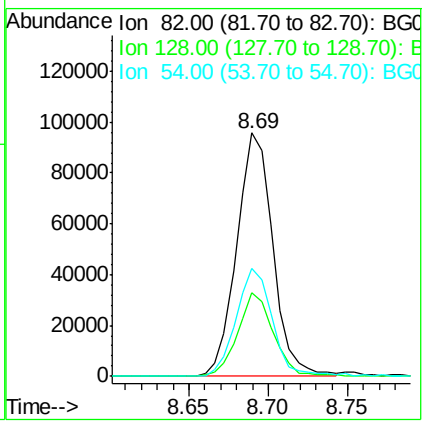


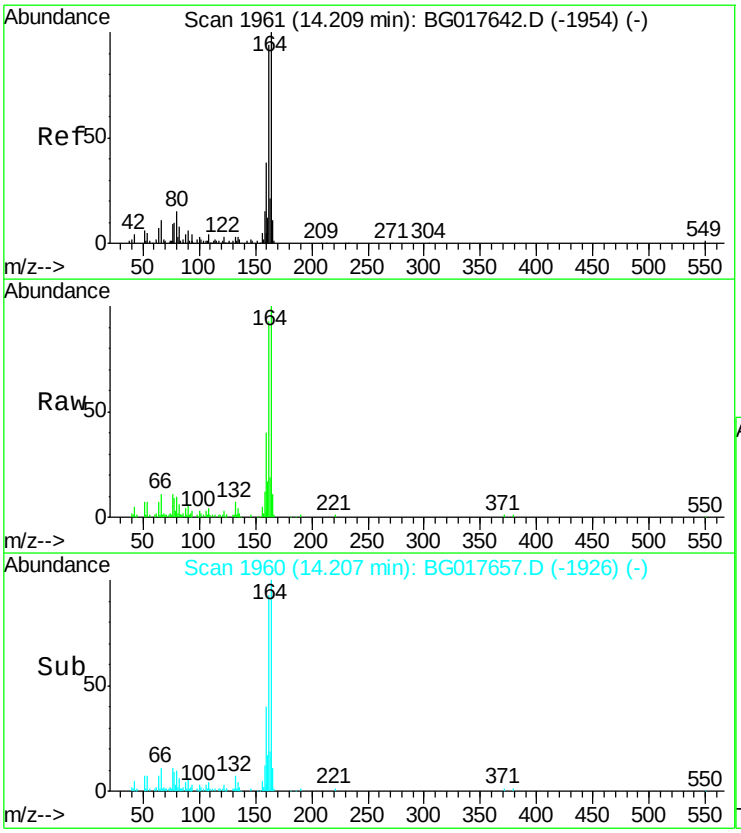
#23
Nitrobenzene-d5
Concen: 100.14 ng
RT: 8.69 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion: 82 Resp: 151736

Ion	Ratio	Lower	Upper
82	100		
128	34.2	27.3	40.9
54	44.2	37.0	55.4

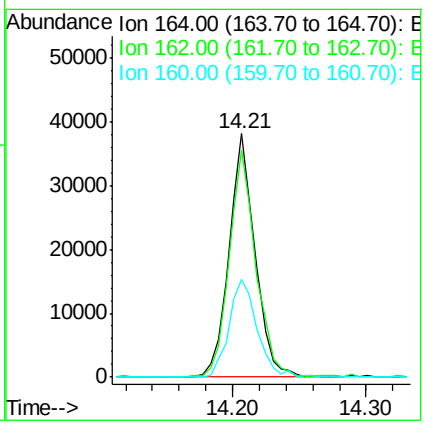


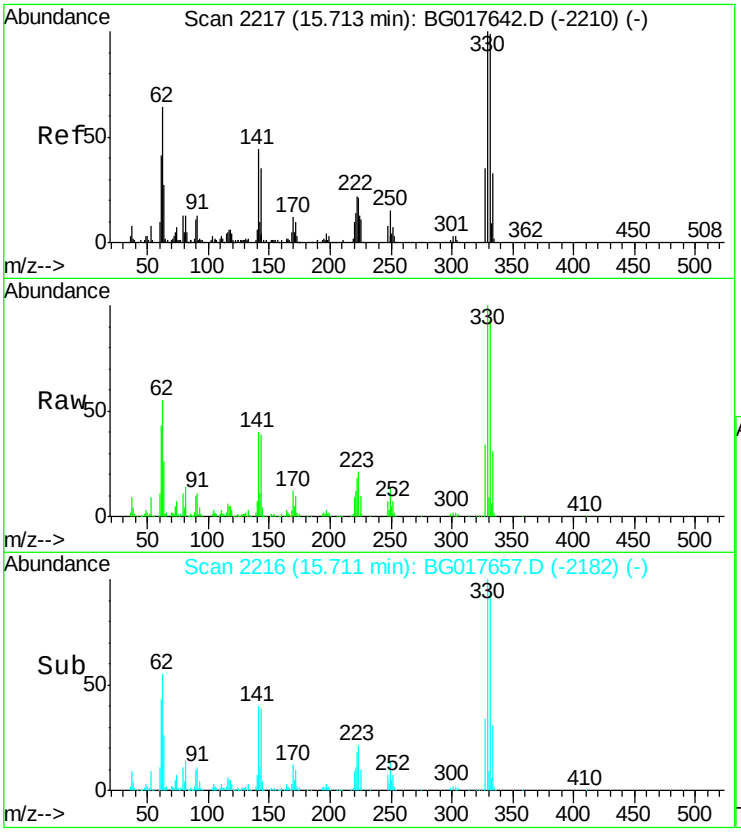


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.21 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Tgt Ion:164 Resp: 51981

Ion	Ratio	Lower	Upper
164	100		
162	93.3	75.0	112.4
160	40.2	30.3	45.5



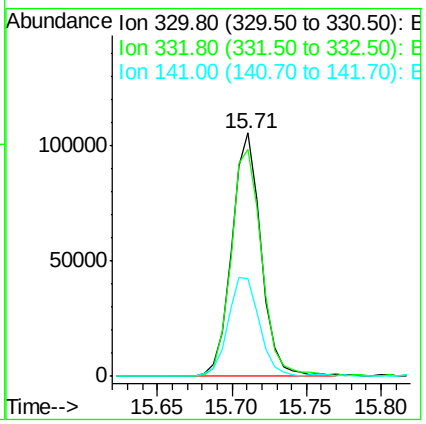


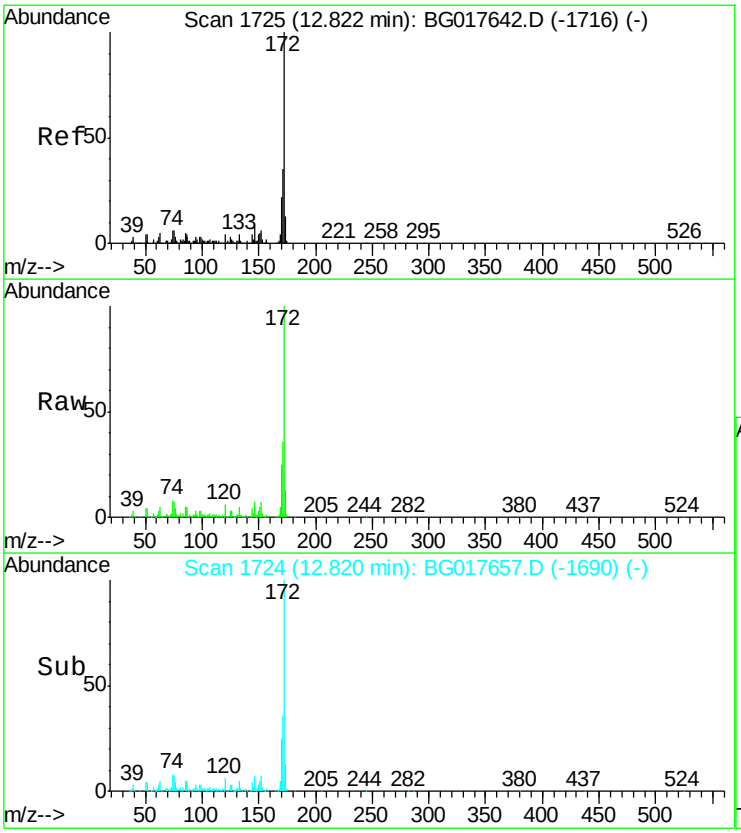
#41
2,4,6-Tribromophenol
Concen: 161.13 ng
RT: 15.71 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:330 Resp: 144576

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	43.6	34.6	51.8

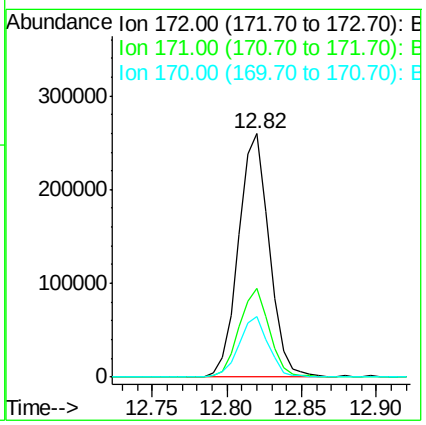


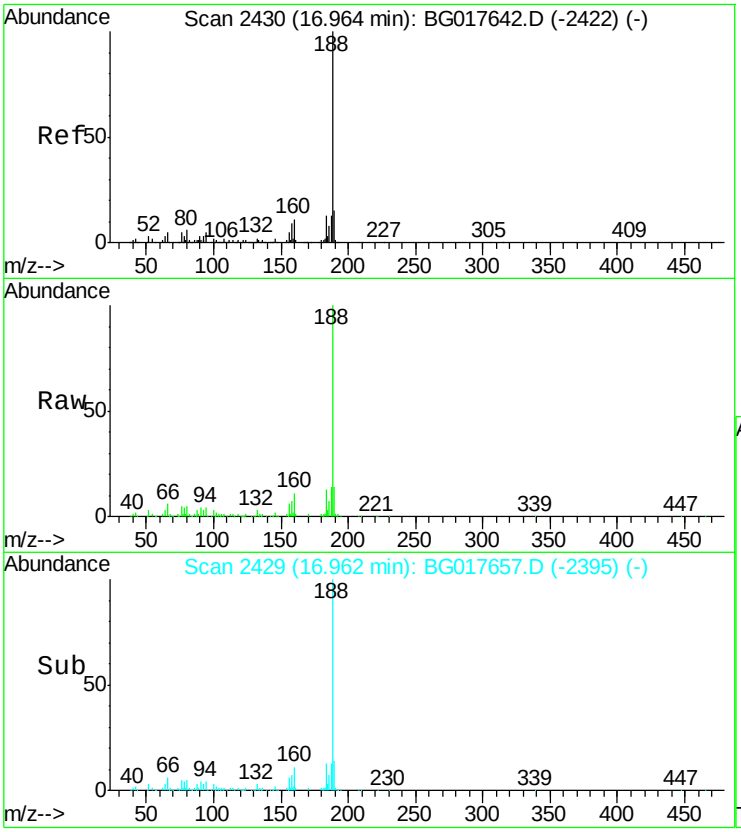


#44
2-Fluorobiphenyl
Concen: 98.50 ng
RT: 12.82 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Tgt Ion:172 Resp: 370186

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.2
170	24.6	17.4	26.2



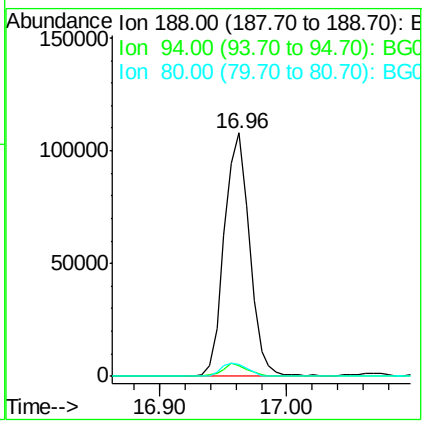


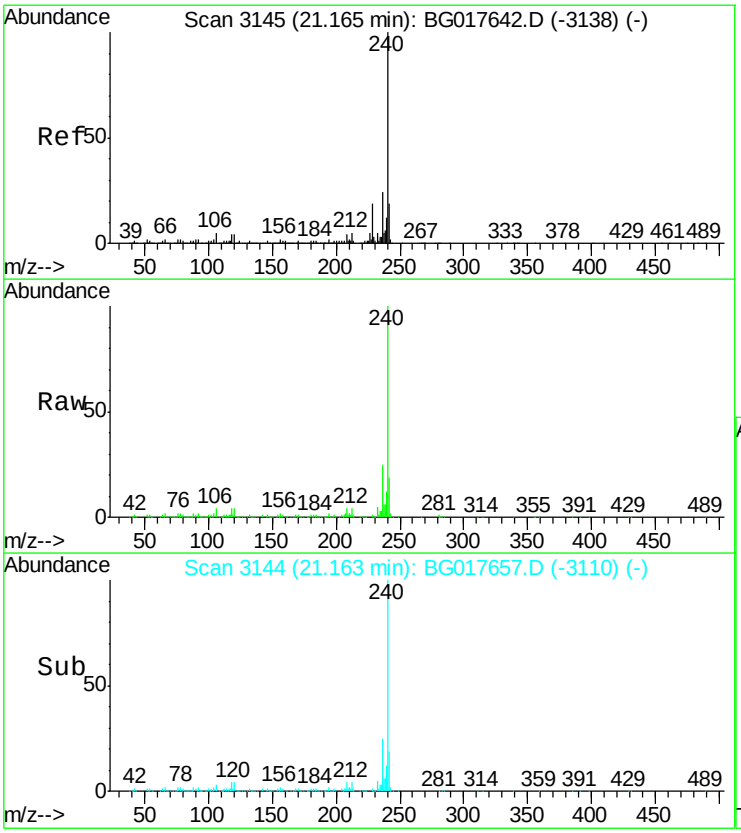
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:188 Resp: 149132

Ion	Ratio	Lower	Upper
188	100		
94	4.5	3.9	5.9
80	4.7	5.0	7.6#

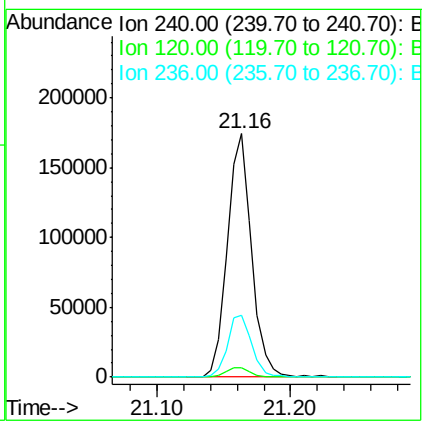


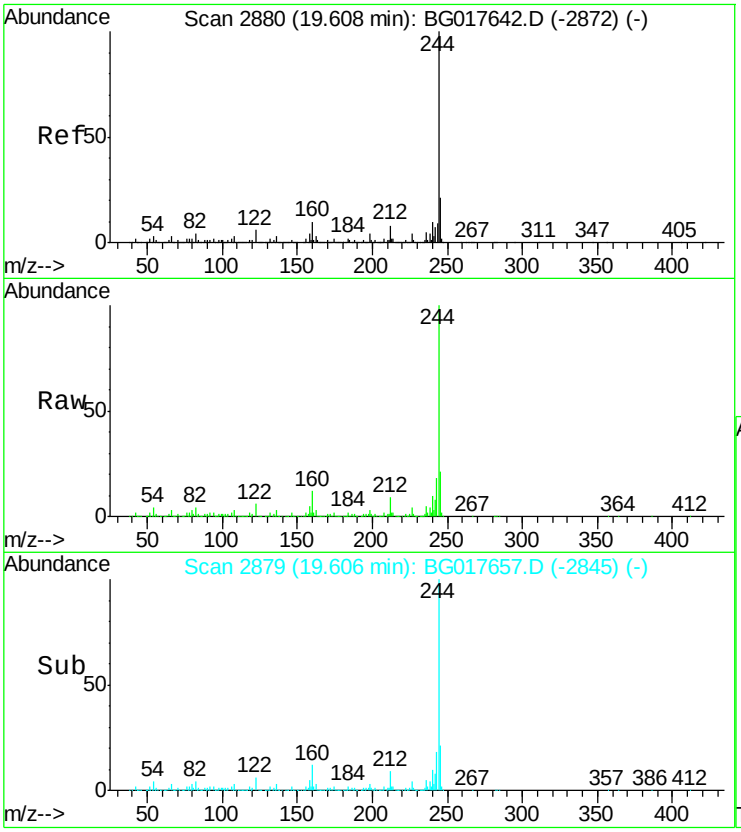


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Tgt Ion:240 Resp: 222019

Ion	Ratio	Lower	Upper
240	100		
120	3.8	3.5	5.3
236	25.2	19.5	29.3



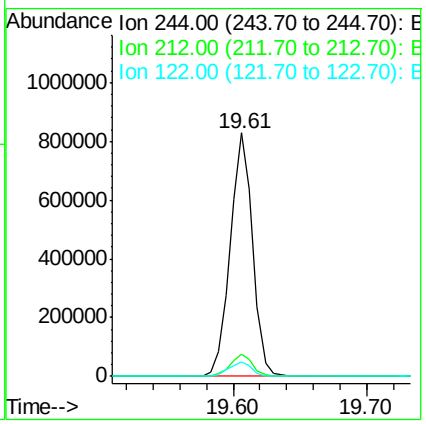


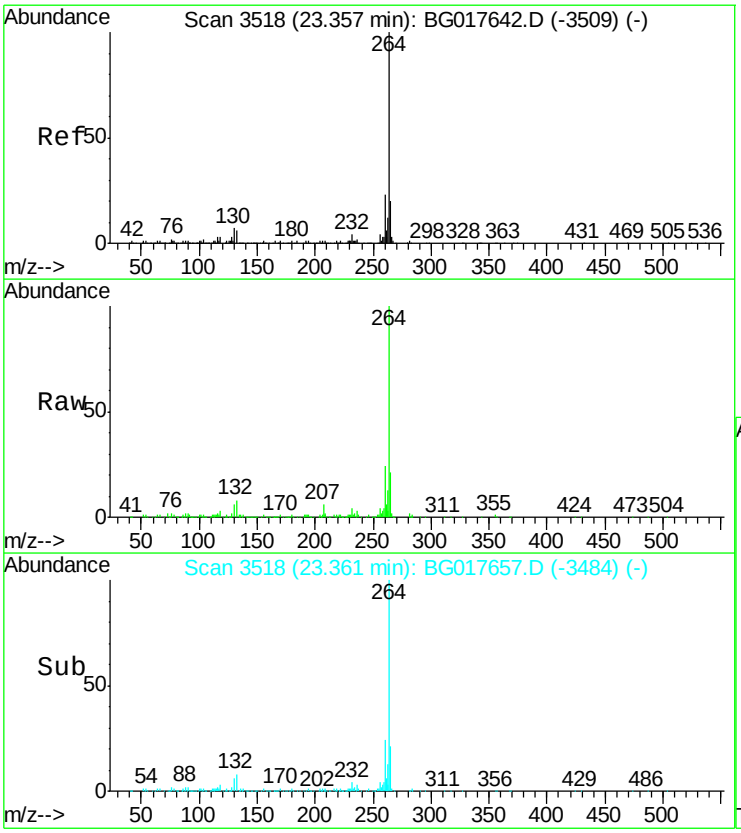
#78
Terphenyl-d14
Concen: 91.28 ng
RT: 19.61 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BG017657.D
Acq: 13 Jun 2015 4:19

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:244 Resp: 971449

Ion	Ratio	Lower	Upper
244	100		
212	8.9	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: BG017657.D
Acq: 13 Jun 2015 4:19

Tgt Ion:264 Resp: 221888

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