Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010515\
Data File : BG015846.D
Acq On : 5 Jan 2015 17:18
Operator : TP/IZ
Sample : PB81182BL
Misc : LOD/LOQ-BL-S
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB81182BL

Quant Time: Jan 06 09:54:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 06 08:46:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	27375	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	97873	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	72765	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	180775	20.00	ng	0.00
75) Chrysene-d12	21.30	240	276480	20.00	ng	0.00
86) Perylene-d12	23.56	264	262618	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	207851	65.30	ng	0.00
7) Phenol-d6	6.91	99	284802	64.24	ng	0.00
23) Nitrobenzene-d5	8.89	82	200916	40.28	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	179879	65.03	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	426421	41.86	ng	0.00
78) Terphenyl-d14	19.74	244	1066709	43.11	ng	0.00
Target Compounds						Qvalue

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

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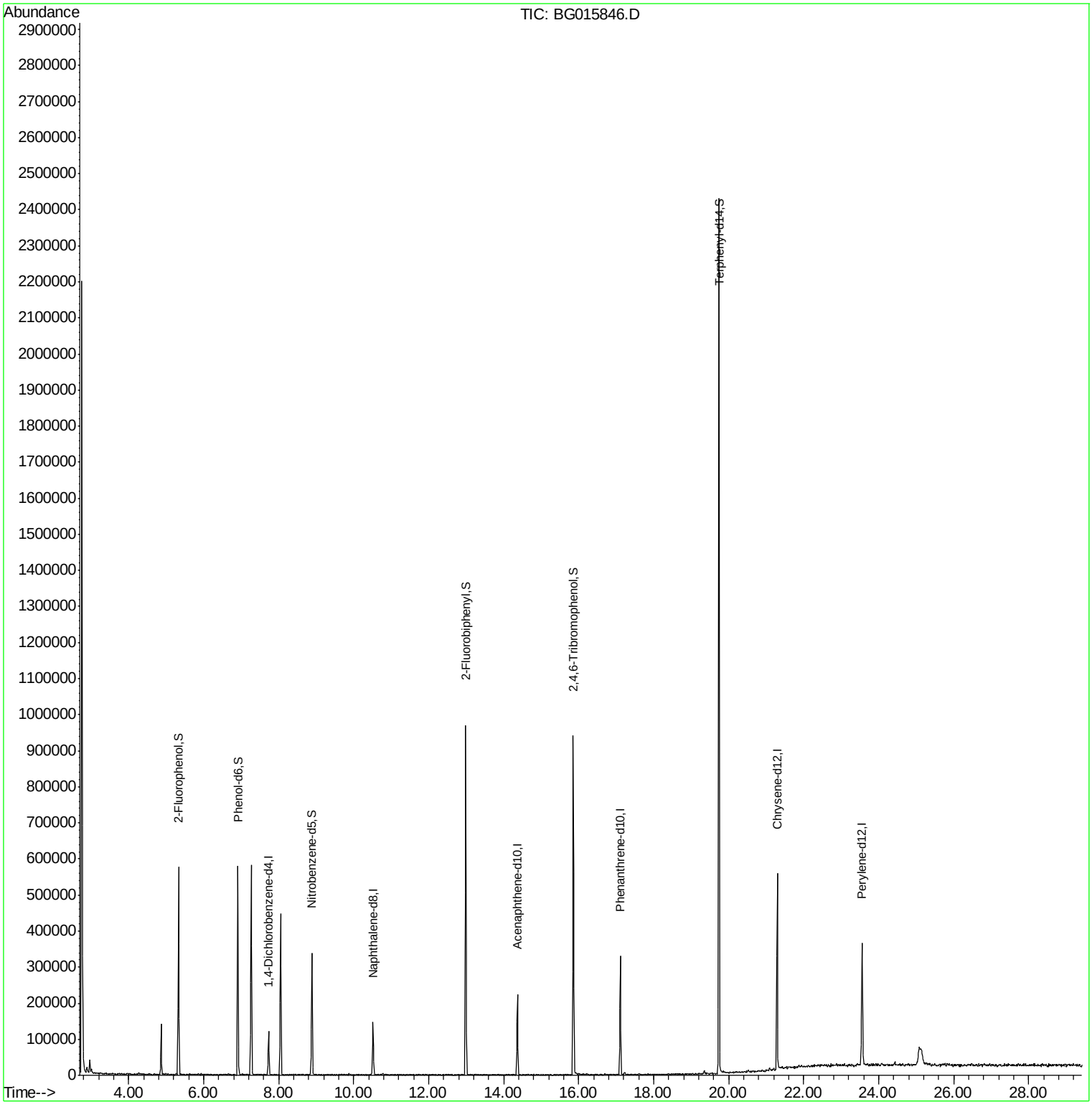
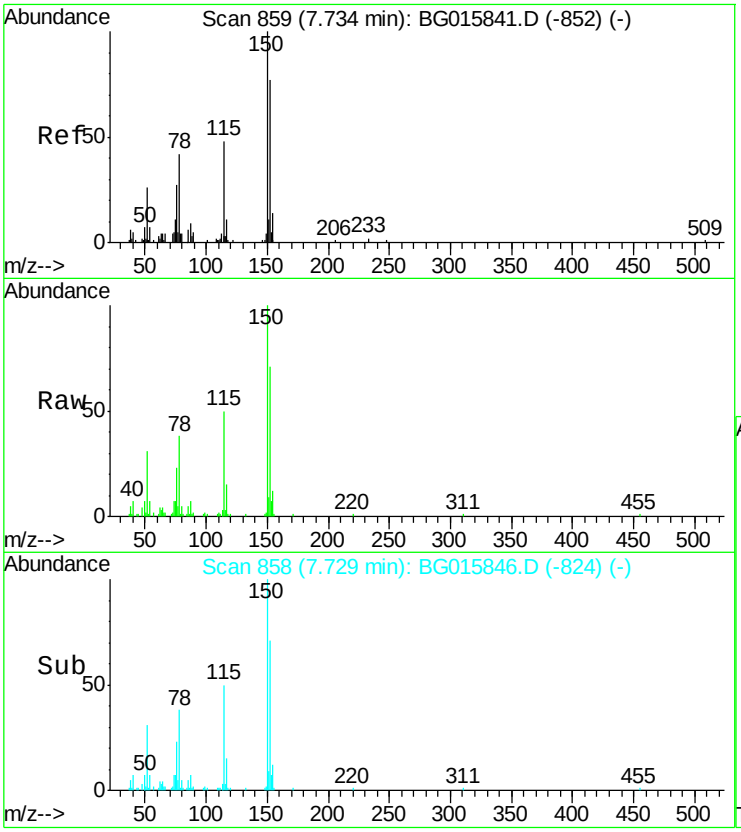


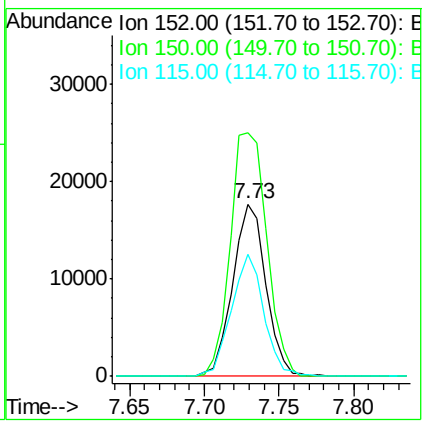


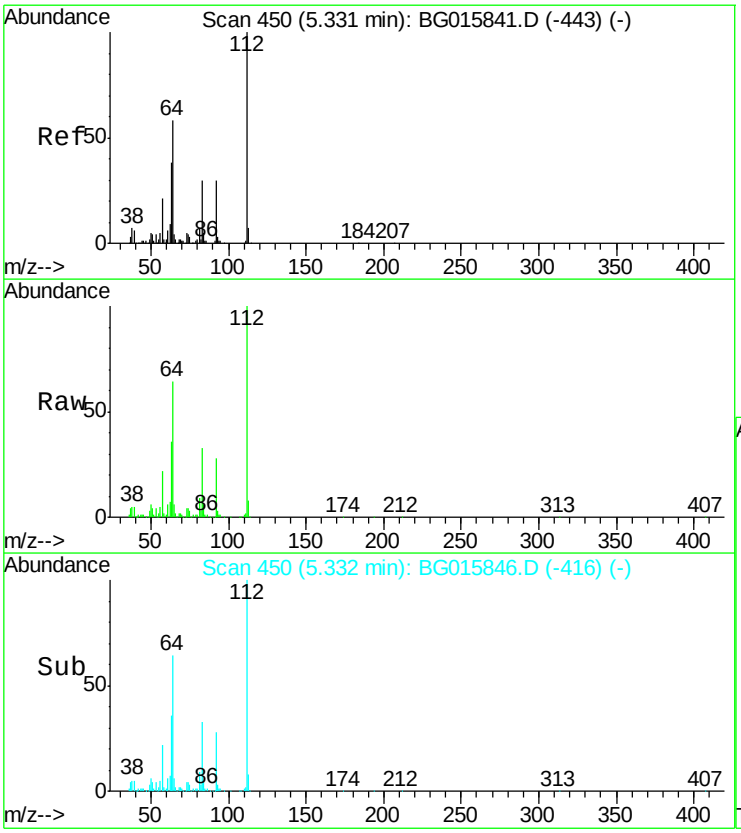
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. -0.00 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Instrument :
BNA_G
ClientSampleId :
PB81182BL

Tgt Ion:152 Resp: 27375

Ion	Ratio	Lower	Upper
152	100		
150	141.1	120.5	180.7
115	70.8	54.0	81.0

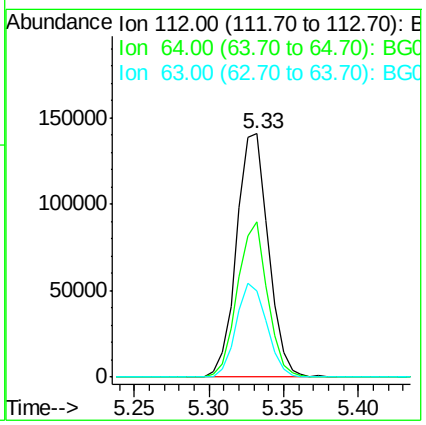


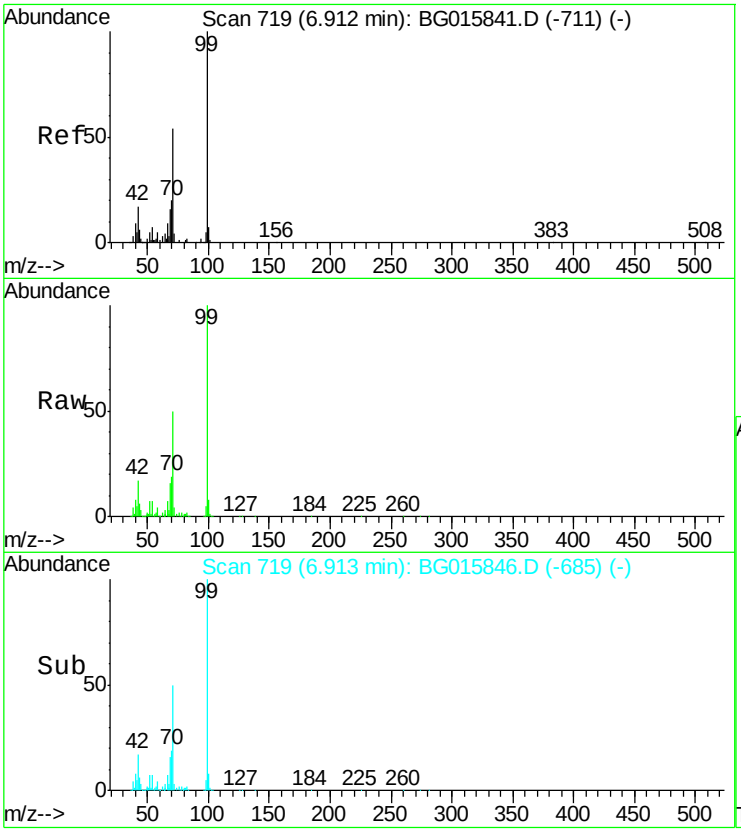


#5
2-Fluorophenol
Concen: 65.30 ng
RT: 5.33 min Scan# 450
Delta R.T. 0.00 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Tgt Ion:112 Resp: 207851

Ion	Ratio	Lower	Upper
112	100		
64	64.0	46.8	70.2
63	35.6	30.6	45.8



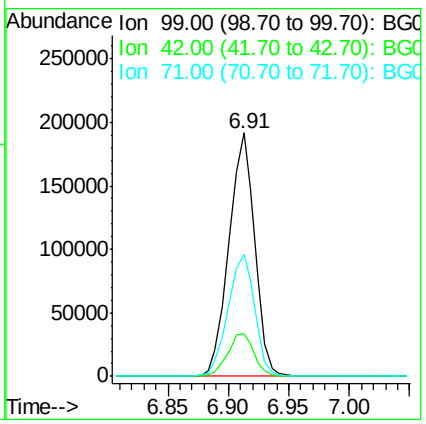


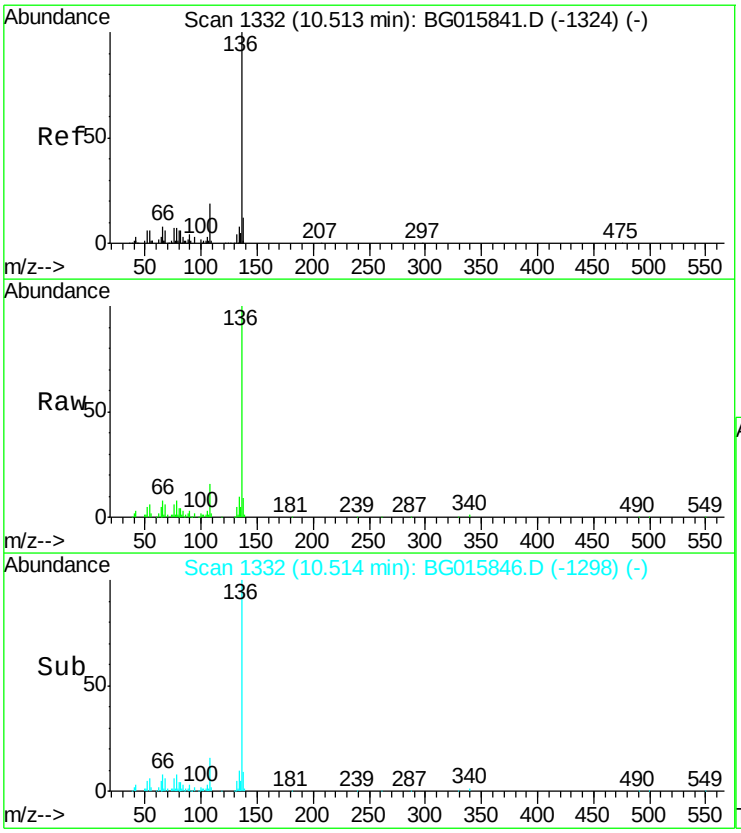
#7
Phenol-d6
Concen: 64.24 ng
RT: 6.91 min Scan# 719
Delta R.T. 0.00 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Instrument :
BNA_G
ClientSampleId :
PB81182BL

Tgt Ion: 99 Resp: 284802

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.8
71	49.9	42.8	64.2

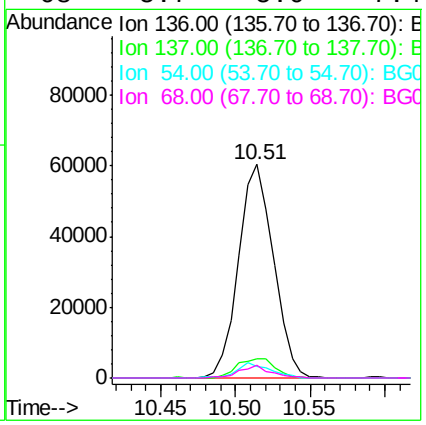


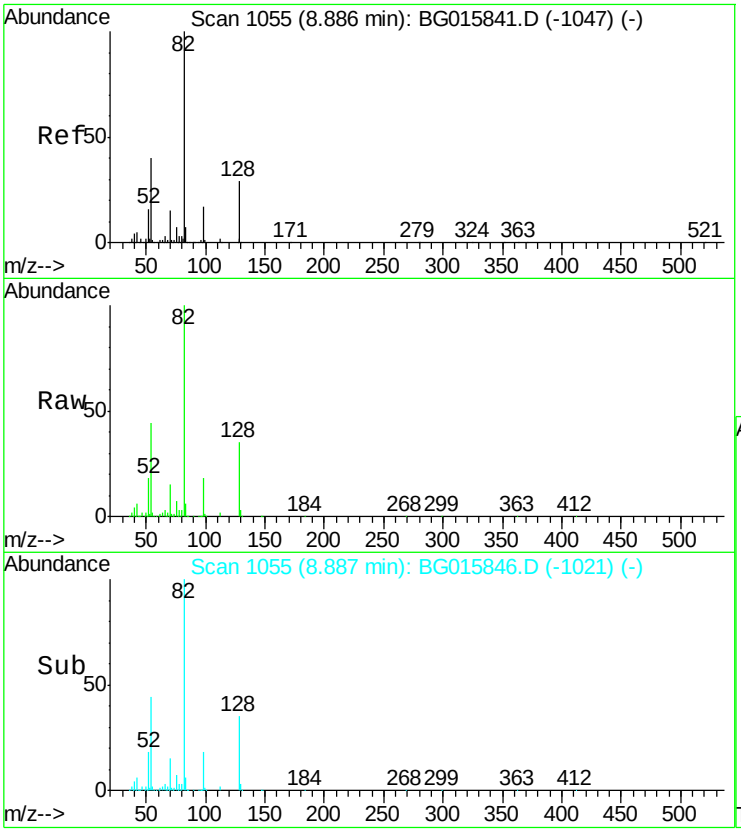


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Tgt Ion:136 Resp: 97873

Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.6	14.4#
54	5.6	4.5	6.7
68	5.7	5.0	7.4



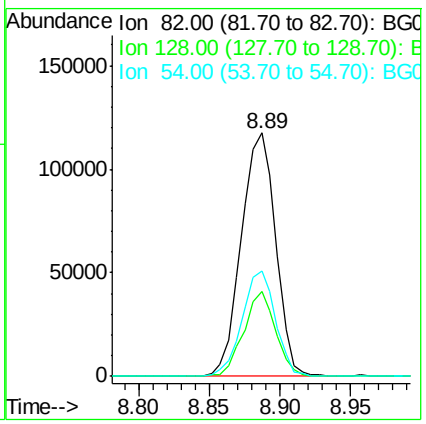


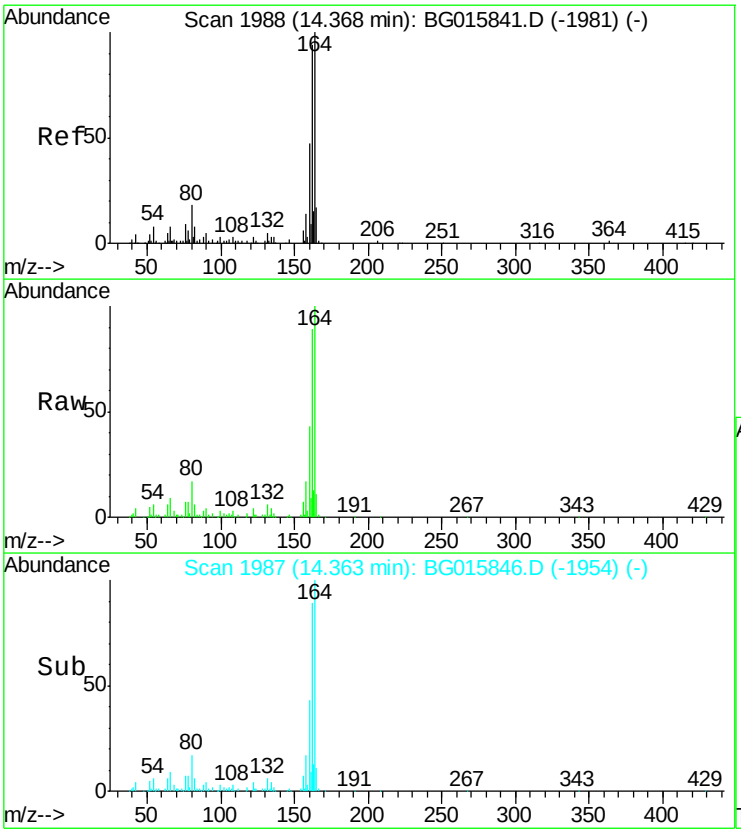
#23
Nitrobenzene-d5
Concen: 40.28 ng
RT: 8.89 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Instrument :
BNA_G
ClientSampleId :
PB81182BL

Tgt Ion: 82 Resp: 200916

Ion	Ratio	Lower	Upper
82	100		
128	34.7	23.4	35.0
54	43.5	32.3	48.5

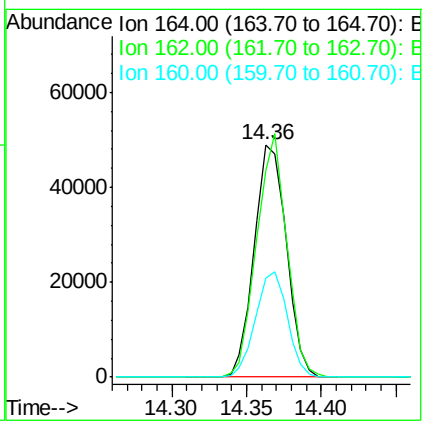


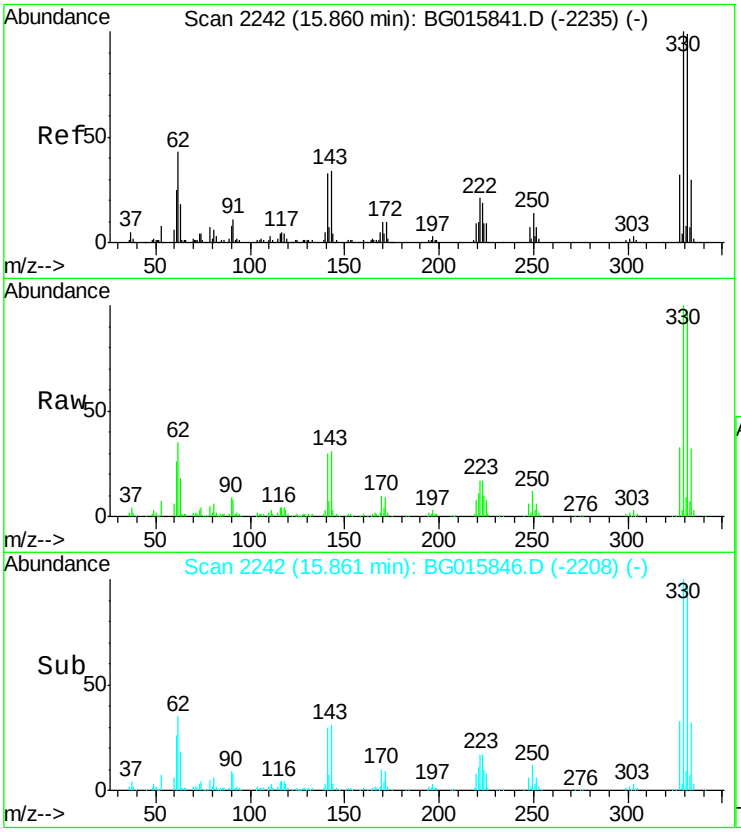


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.36 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Tgt Ion:164 Resp: 72765

Ion	Ratio	Lower	Upper
164	100		
162	88.7	75.5	113.3
160	42.8	37.4	56.0



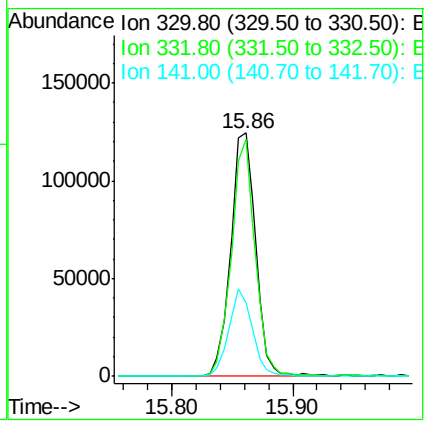


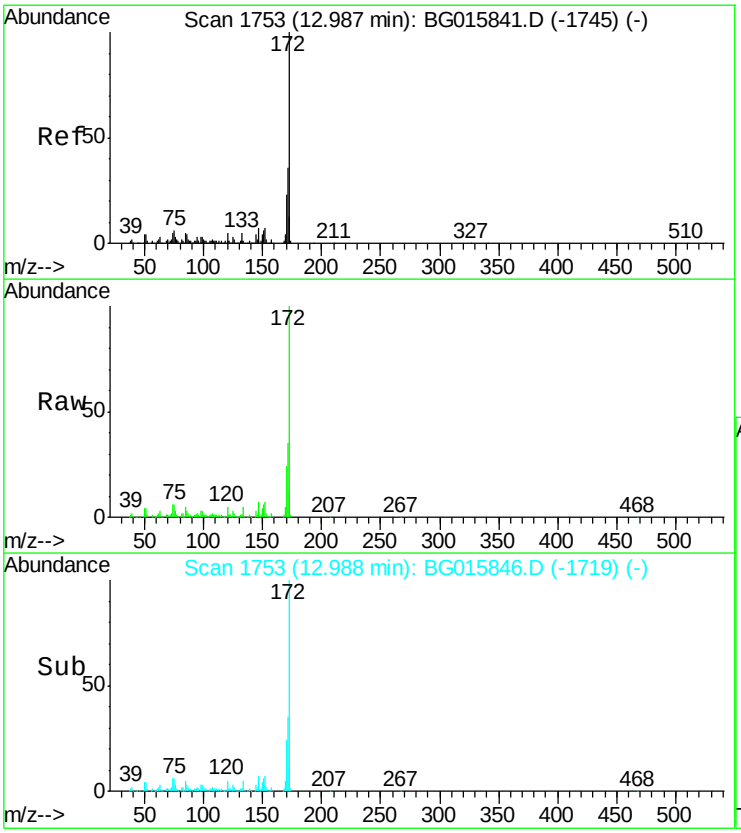
#41
2,4,6-Tribromophenol
Concen: 65.03 ng
RT: 15.86 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Instrument :
BNA_G
ClientSampleId :
PB81182BL

Tgt Ion:330 Resp: 179879

Ion	Ratio	Lower	Upper
330	100		
332	92.3	73.8	110.8
141	33.6	27.2	40.8

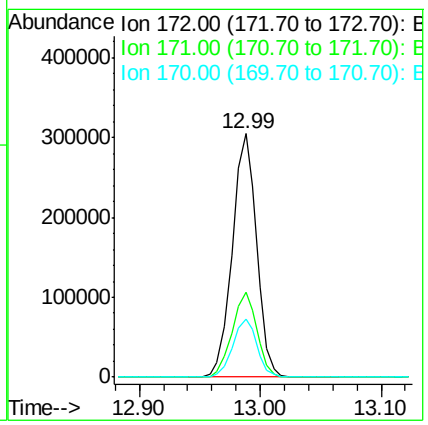


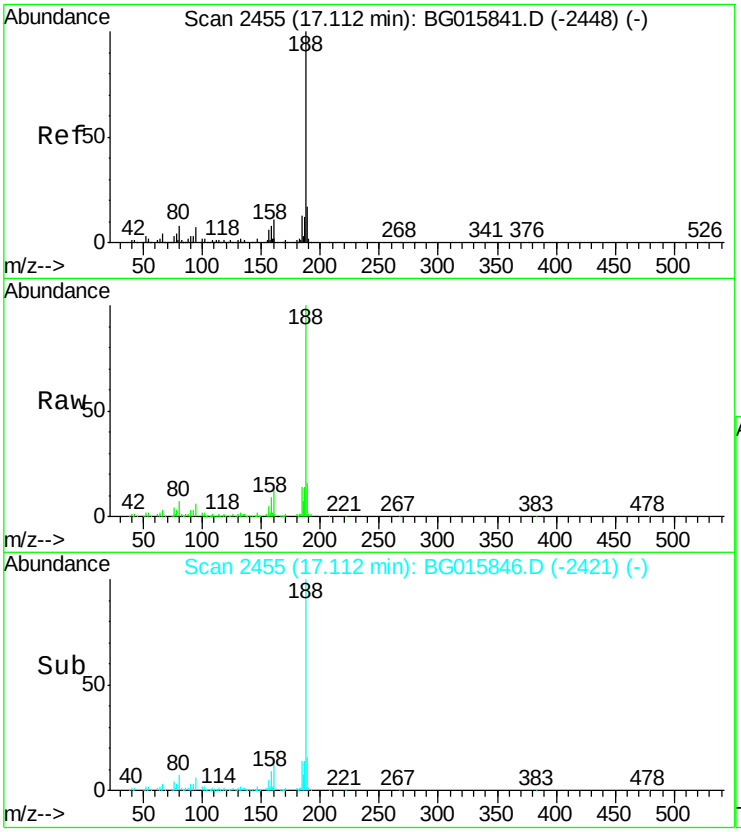


#44
2-Fluorobiphenyl
Concen: 41.86 ng
RT: 12.99 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Tgt Ion:172 Resp: 426421

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.9	18.2	27.4



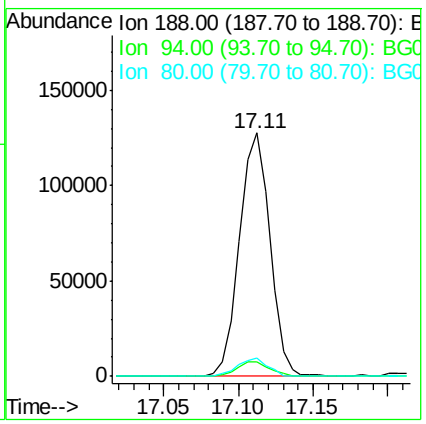


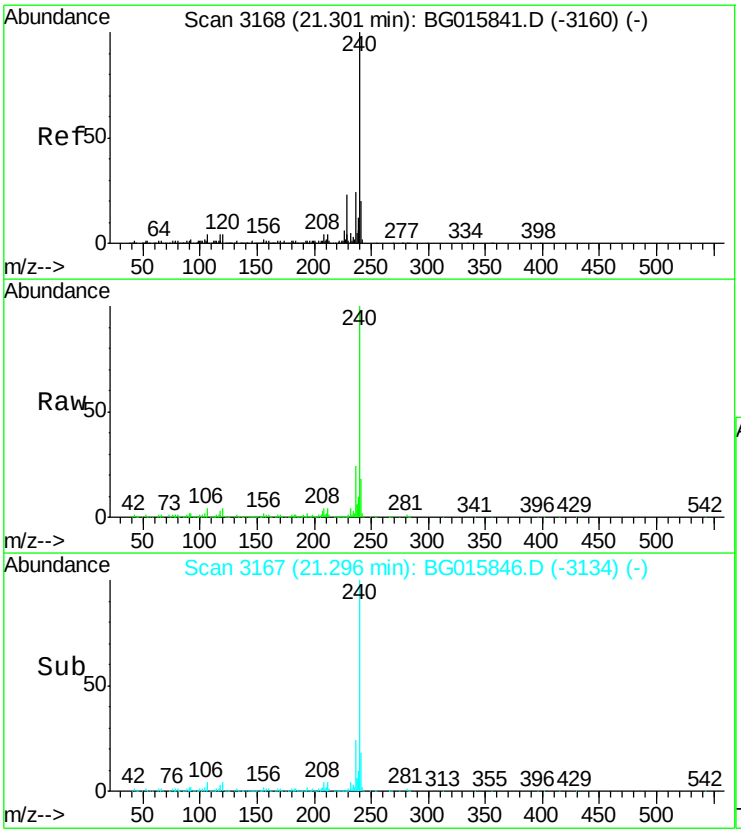
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Instrument :
BNA_G
ClientSampleId :
PB81182BL

Tgt Ion:188 Resp: 180775

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.4	8.0
80	7.4	6.6	9.8

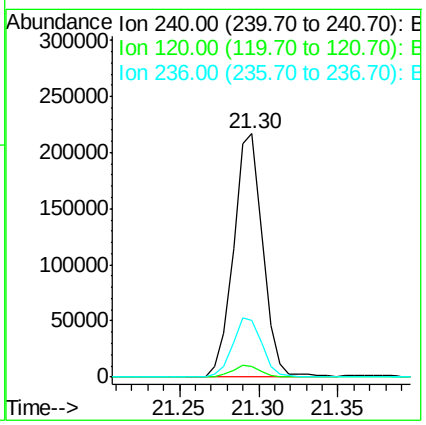


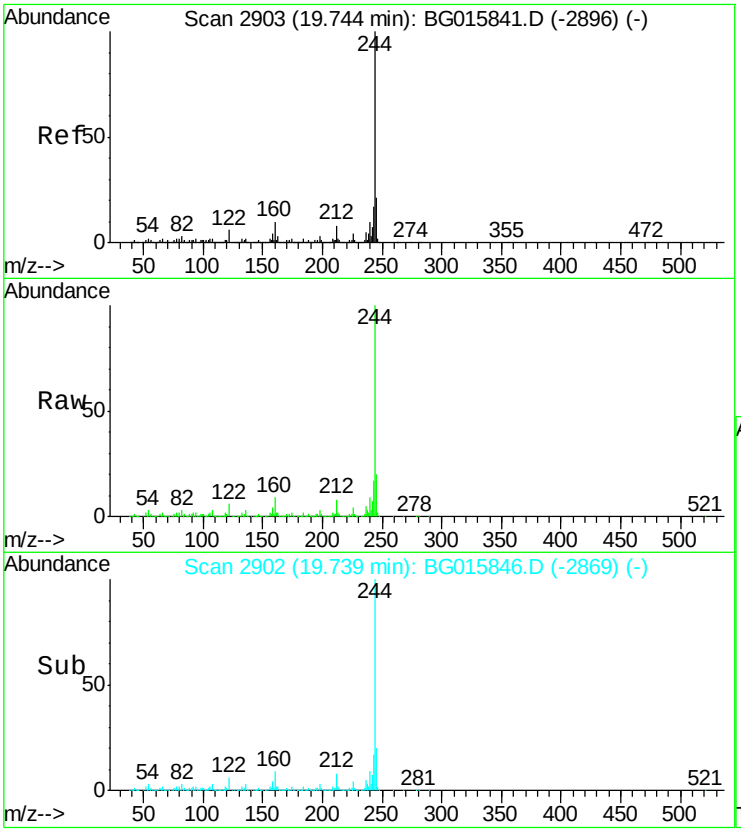


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Tgt Ion:240 Resp: 276480

Ion	Ratio	Lower	Upper
240	100		
120	4.2	3.4	5.2
236	23.6	19.0	28.6



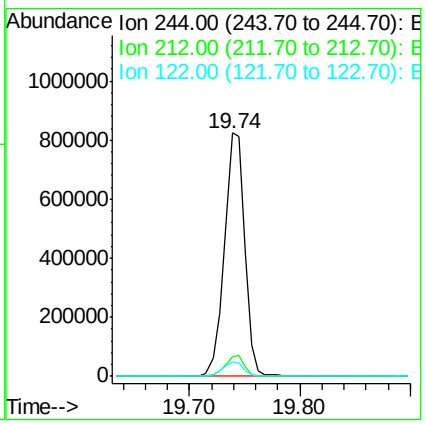


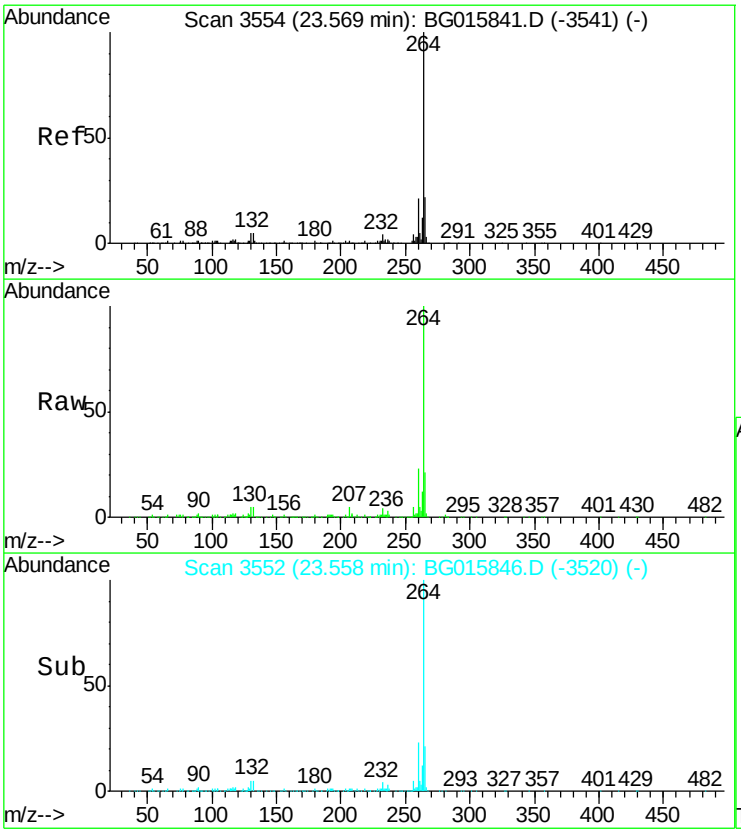
#78
Terphenyl-d14
Concen: 43.11 ng
RT: 19.74 min Scan# 2902
Delta R.T. -0.00 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Instrument :
BNA_G
ClientSampleId :
PB81182BL

Tgt Ion:244 Resp: 1066709

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	5.8	4.7	7.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.56 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG015846.D
Acq: 5 Jan 2015 17:18

Tgt Ion:264 Resp: 262618

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.0	25.4
265	21.4	17.4	26.0