Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040715\
Data File : BG016264.D
Acq On : 7 Apr 2015 19:33
Operator : TP/IZ
Sample : G1777-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-32

Quant Time: Apr 08 02:40:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 03:25:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	61613	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	293090	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	181144	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	382813	20.00	ng	0.00
75) Chrysene-d12	21.25	240	332259	20.00	ng	0.00
86) Perylene-d12	23.50	264	305877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	265960	68.13	ng	0.00
7) Phenol-d6	6.87	99	244343	41.69	ng	0.00
23) Nitrobenzene-d5	8.86	82	486576	96.17	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	202566	165.35	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1054475	99.11	ng	0.00
78) Terphenyl-d14	19.71	244	1276369	89.91	ng	0.00
Target Compounds						Qvalue

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

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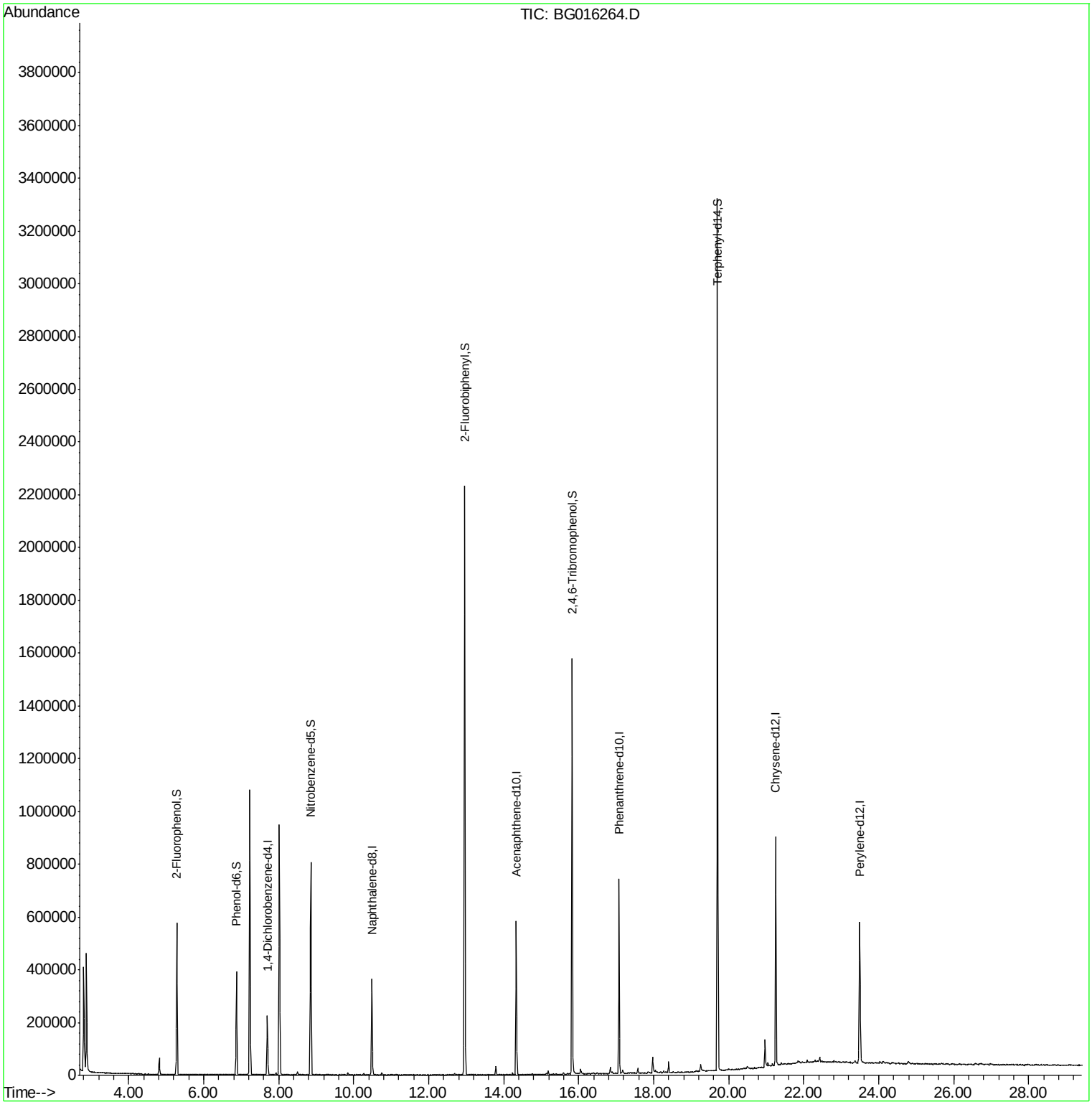
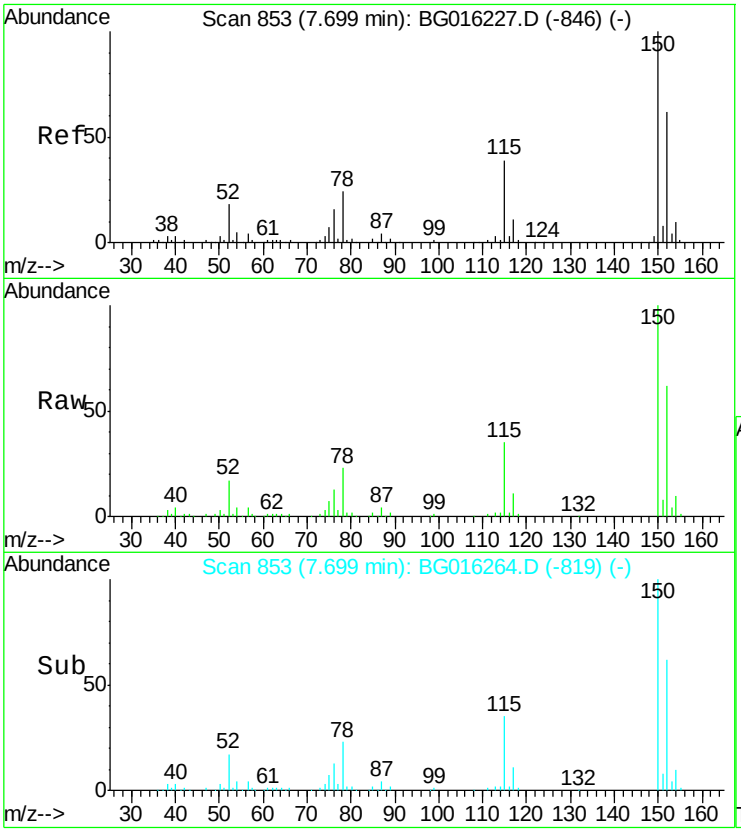


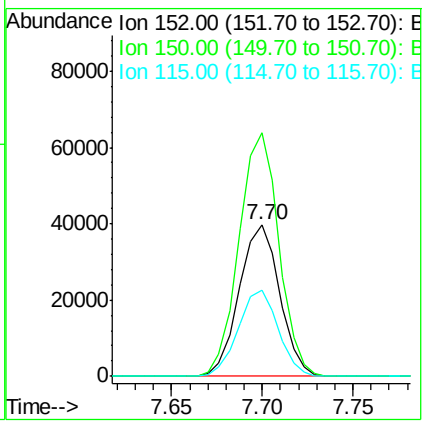


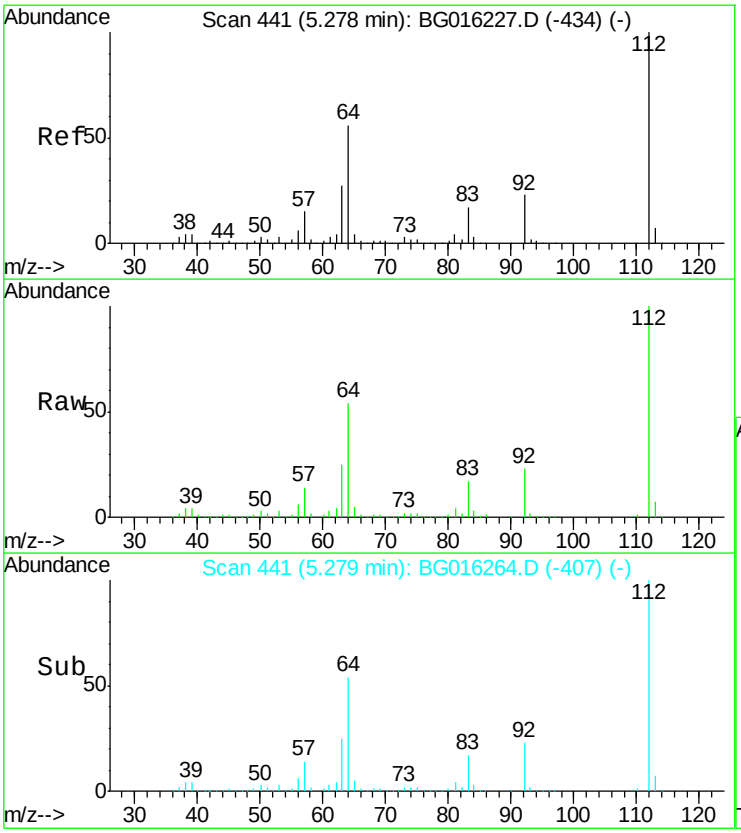
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion:152 Resp: 61613

Ion	Ratio	Lower	Upper
152	100		
150	160.2	130.1	195.1
115	56.9	50.5	75.7

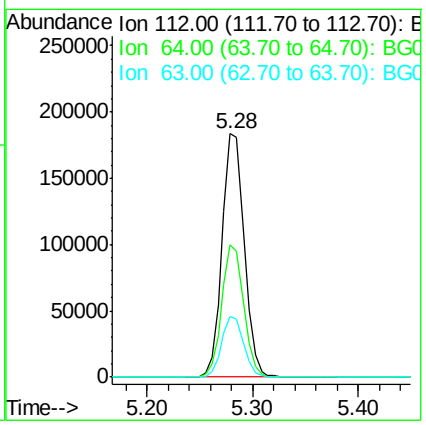


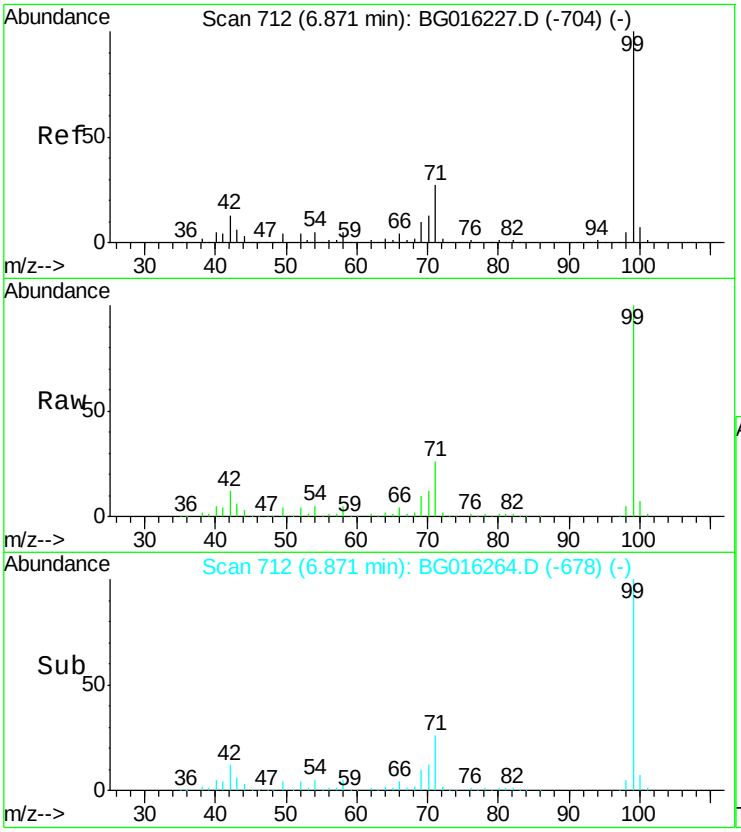


#5
2-Fluorophenol
Concen: 68.13 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Tgt Ion:112 Resp: 265960

Ion	Ratio	Lower	Upper
112	100		
64	54.3	44.5	66.7
63	25.1	21.4	32.0



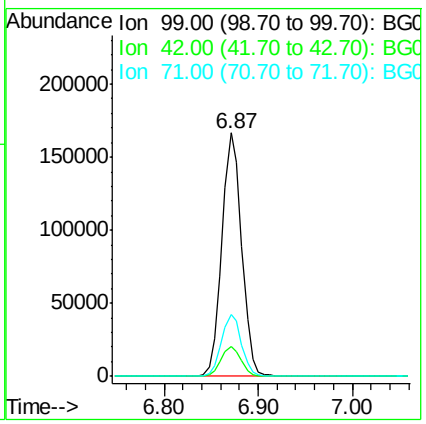


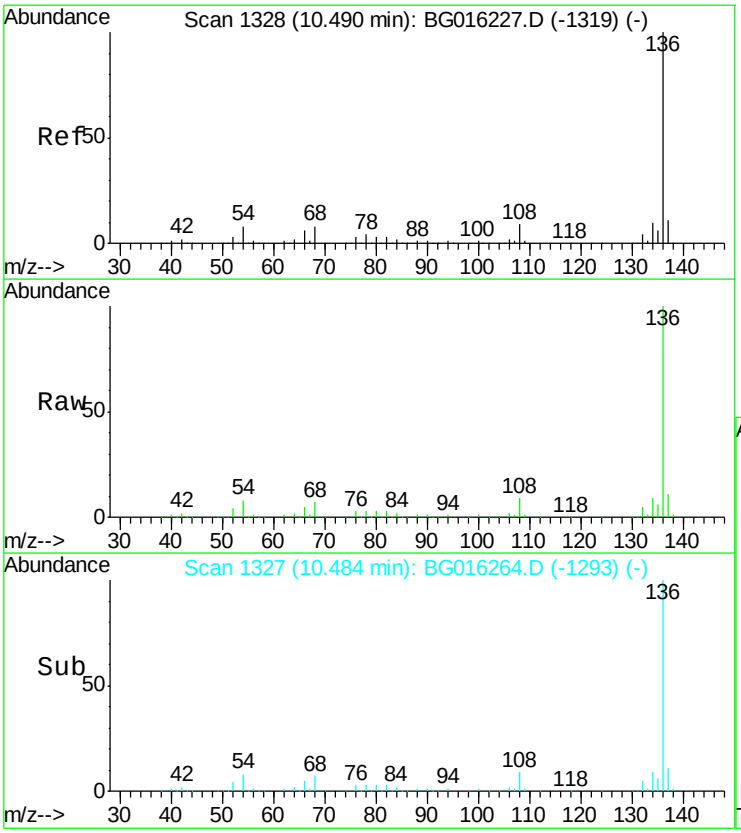
#7
Phenol-d6
Concen: 41.69 ng
RT: 6.87 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion: 99 Resp: 244343

Ion	Ratio	Lower	Upper
99	100		
42	12.4	10.0	15.0
71	25.6	21.5	32.3

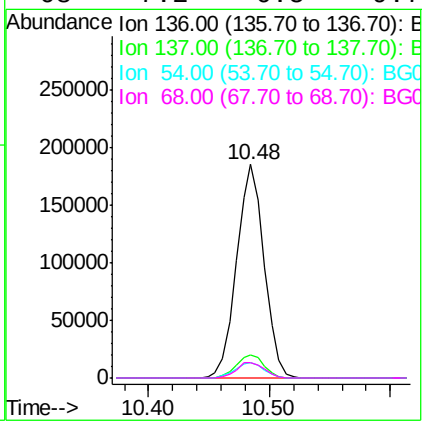


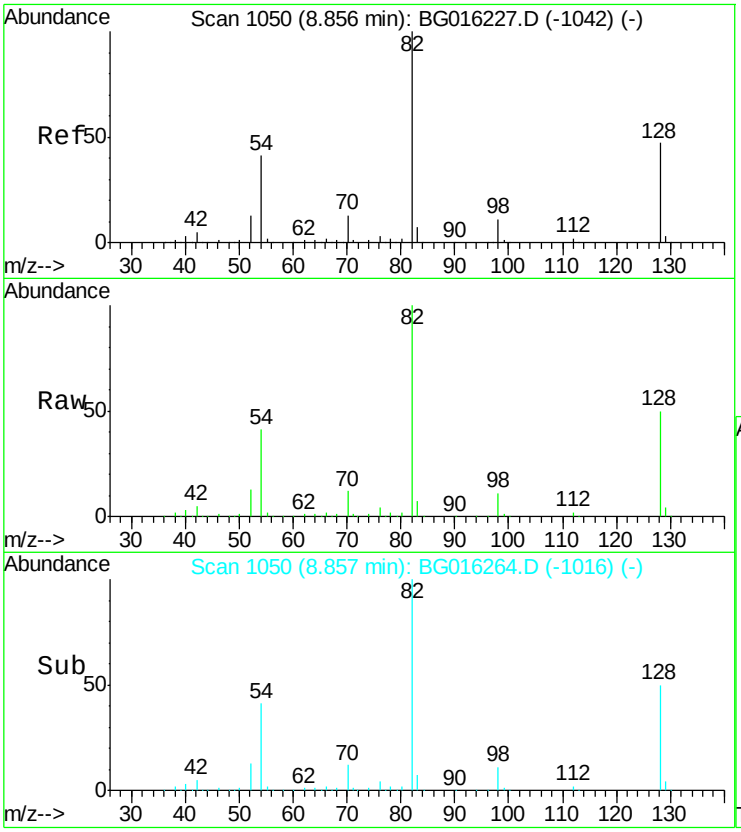


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Tgt Ion:136 Resp: 293090

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.5	6.3	9.5
68	7.2	6.5	9.7



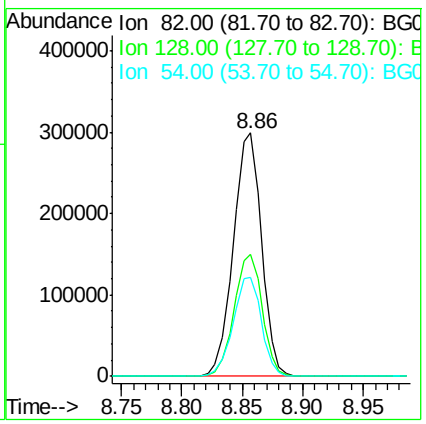


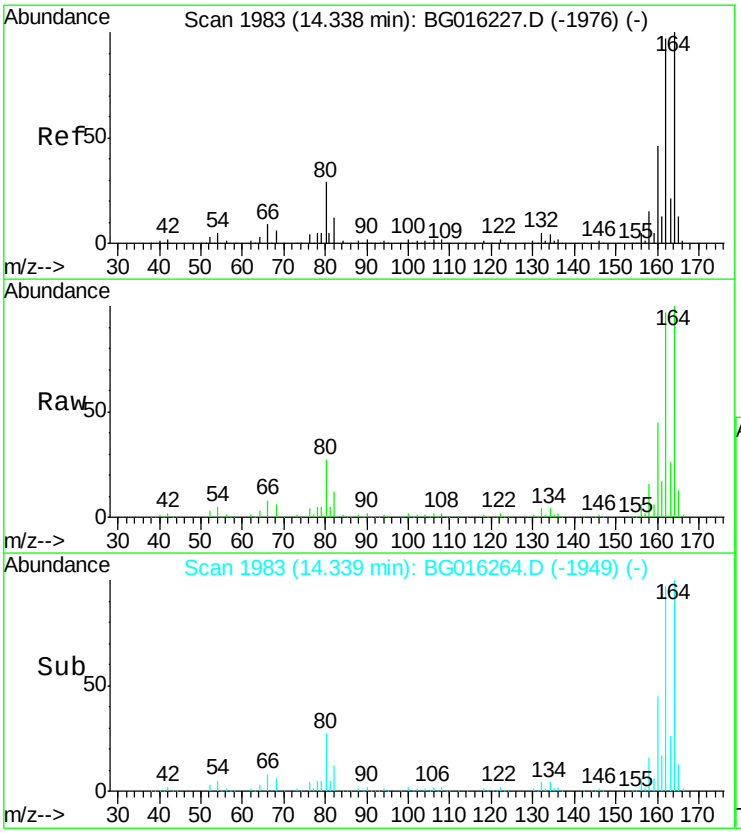
#23
Nitrobenzene-d5
Concen: 96.17 ng
RT: 8.86 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion: 82 Resp: 486576

Ion	Ratio	Lower	Upper
82	100		
128	50.1	37.8	56.8
54	40.7	32.6	49.0

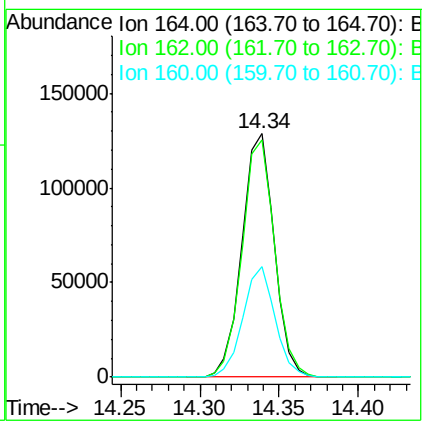


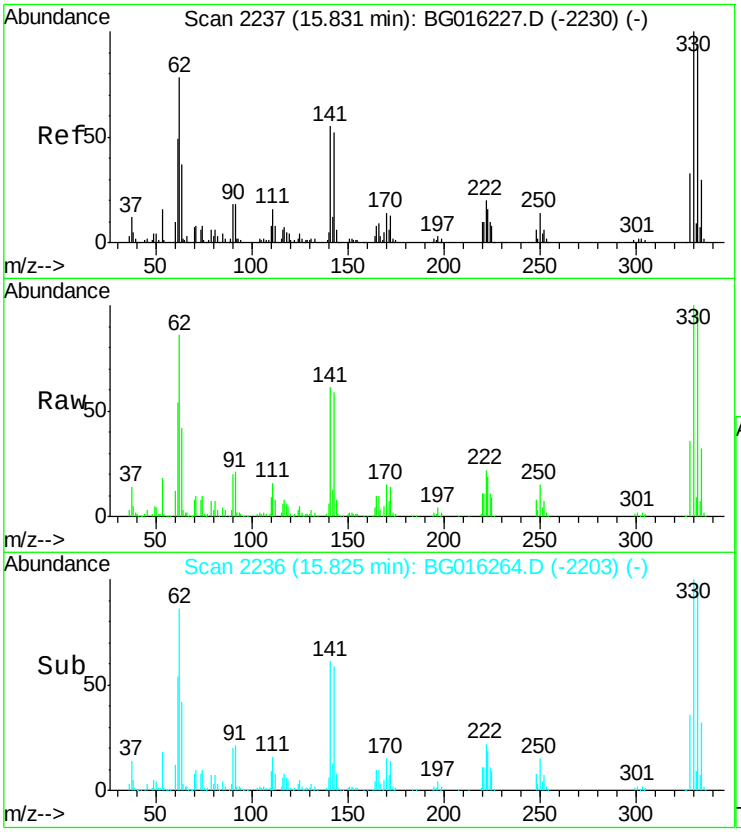


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Tgt Ion:164 Resp: 181144

Ion	Ratio	Lower	Upper
164	100		
162	97.4	77.3	115.9
160	45.3	36.7	55.1



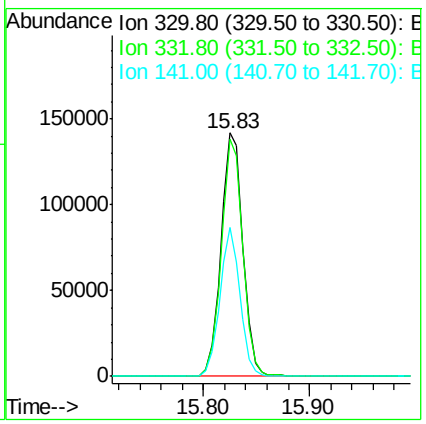


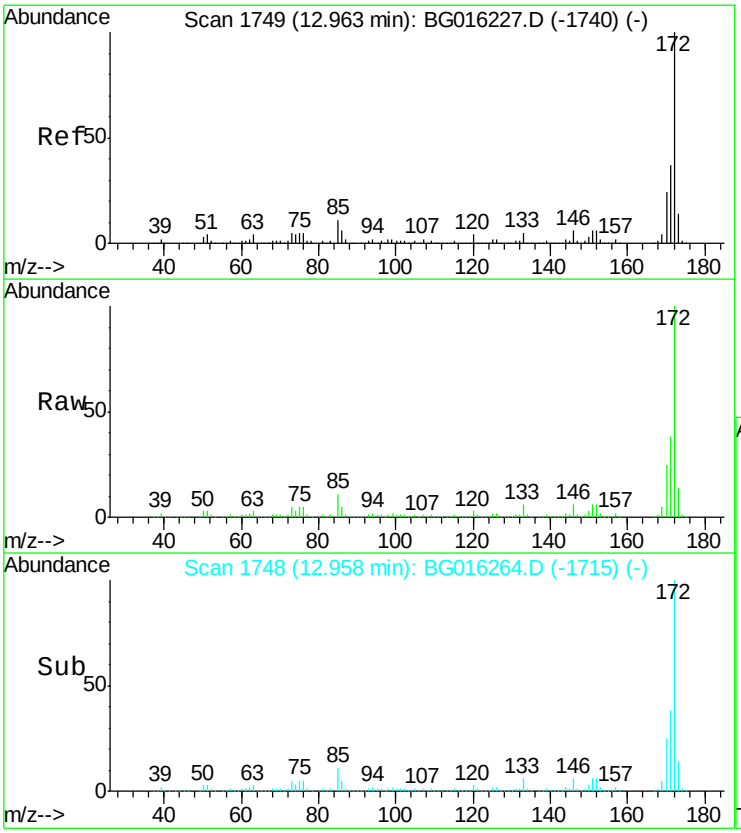
#41
2,4,6-Tribromophenol
Concen: 165.35 ng
RT: 15.83 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion:330 Resp: 202566

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.8	113.6
141	56.5	46.6	69.8

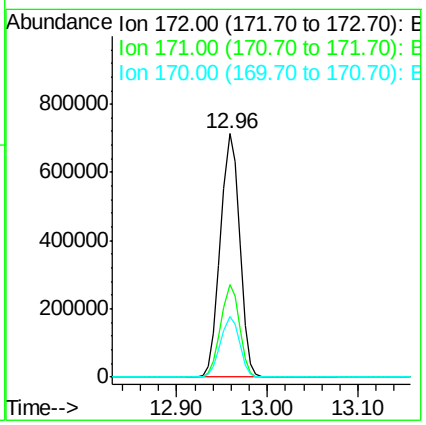


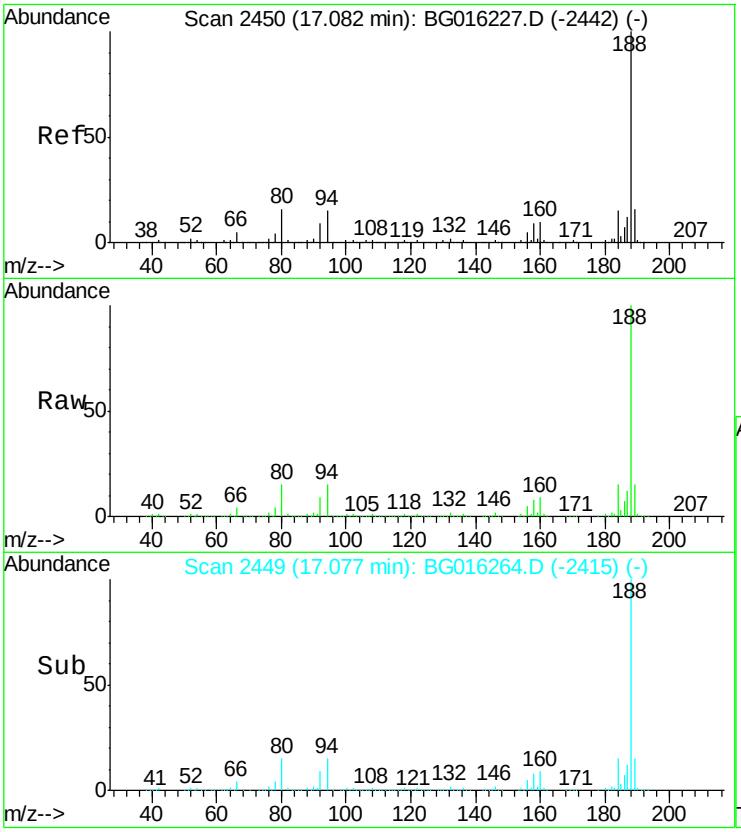


#44
2-Fluorobiphenyl
Concen: 99.11 ng
RT: 12.96 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Tgt Ion:172 Resp: 1054475

Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.6	44.4
170	25.0	19.4	29.2



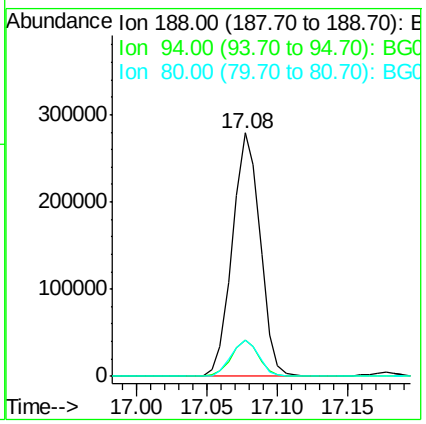


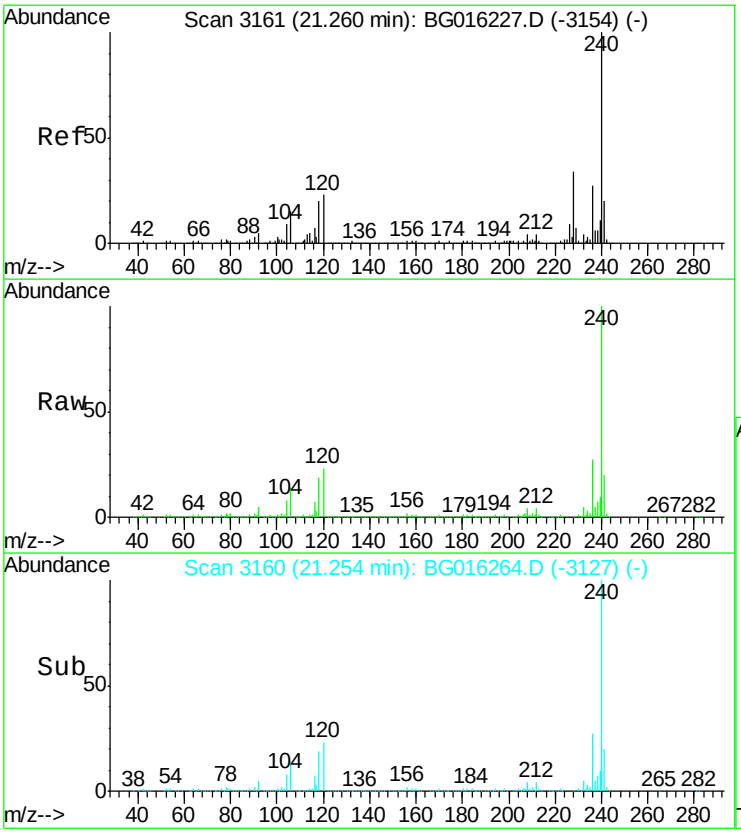
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion:188 Resp: 382813

Ion	Ratio	Lower	Upper
188	100		
94	14.6	12.2	18.4
80	14.8	12.8	19.2

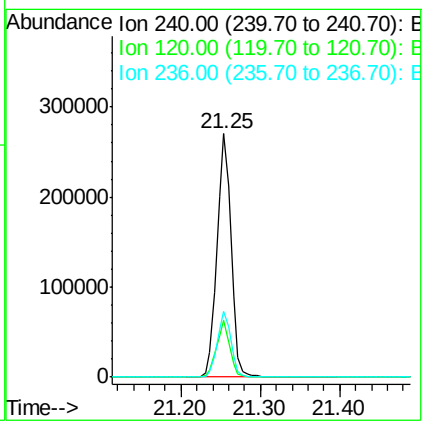


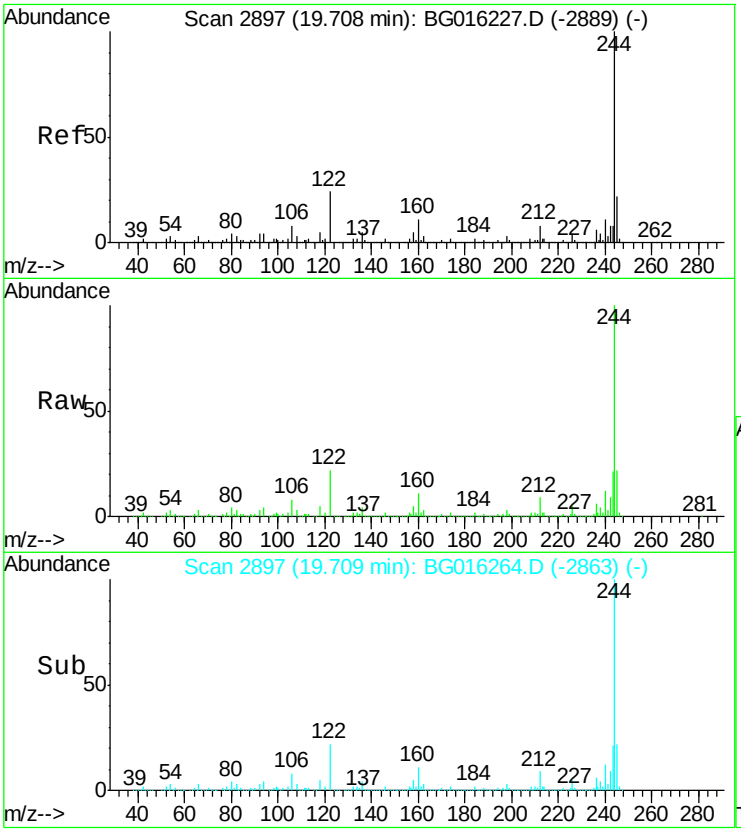


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Tgt Ion:240 Resp: 332259

Ion	Ratio	Lower	Upper
240	100		
120	23.2	18.6	28.0
236	26.9	21.7	32.5



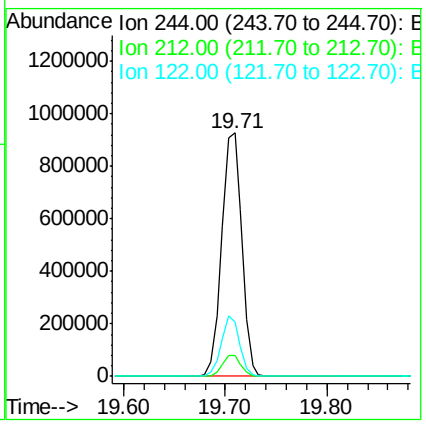


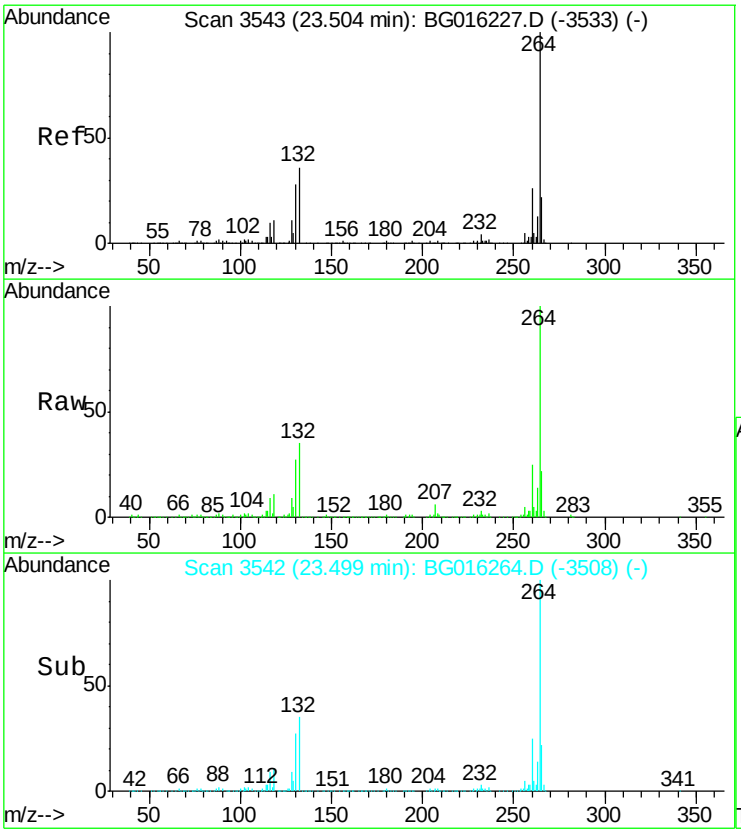
#78
Terphenyl-d14
Concen: 89.91 ng
RT: 19.71 min Scan# 2897
Delta R.T. 0.00 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion:244 Resp: 1276369

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	9.8
122	22.5	19.1	28.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. 0.00 min
Lab File: BG016264.D
Acq: 7 Apr 2015 19:33

Tgt Ion:264 Resp: 305877

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	22.0	17.2	25.8