Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040715\
Data File : BG016268.D
Acq On : 7 Apr 2015 21:52
Operator : TP/IZ
Sample : G1777-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-29

Quant Time: Apr 08 03:37:40 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	63461	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	306874	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	185975	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	398973	20.00	ng	0.00
75) Chrysene-d12	21.25	240	351772	20.00	ng	0.00
86) Perylene-d12	23.50	264	317651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	228105	56.73	ng	0.00
7) Phenol-d6	6.87	99	214680	35.56	ng	0.00
23) Nitrobenzene-d5	8.86	82	481097	90.82	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	203522	161.82	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1054423	96.53	ng	0.00
78) Terphenyl-d14	19.71	244	1280409	85.19	ng	0.00
Target Compounds						Qvalue

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

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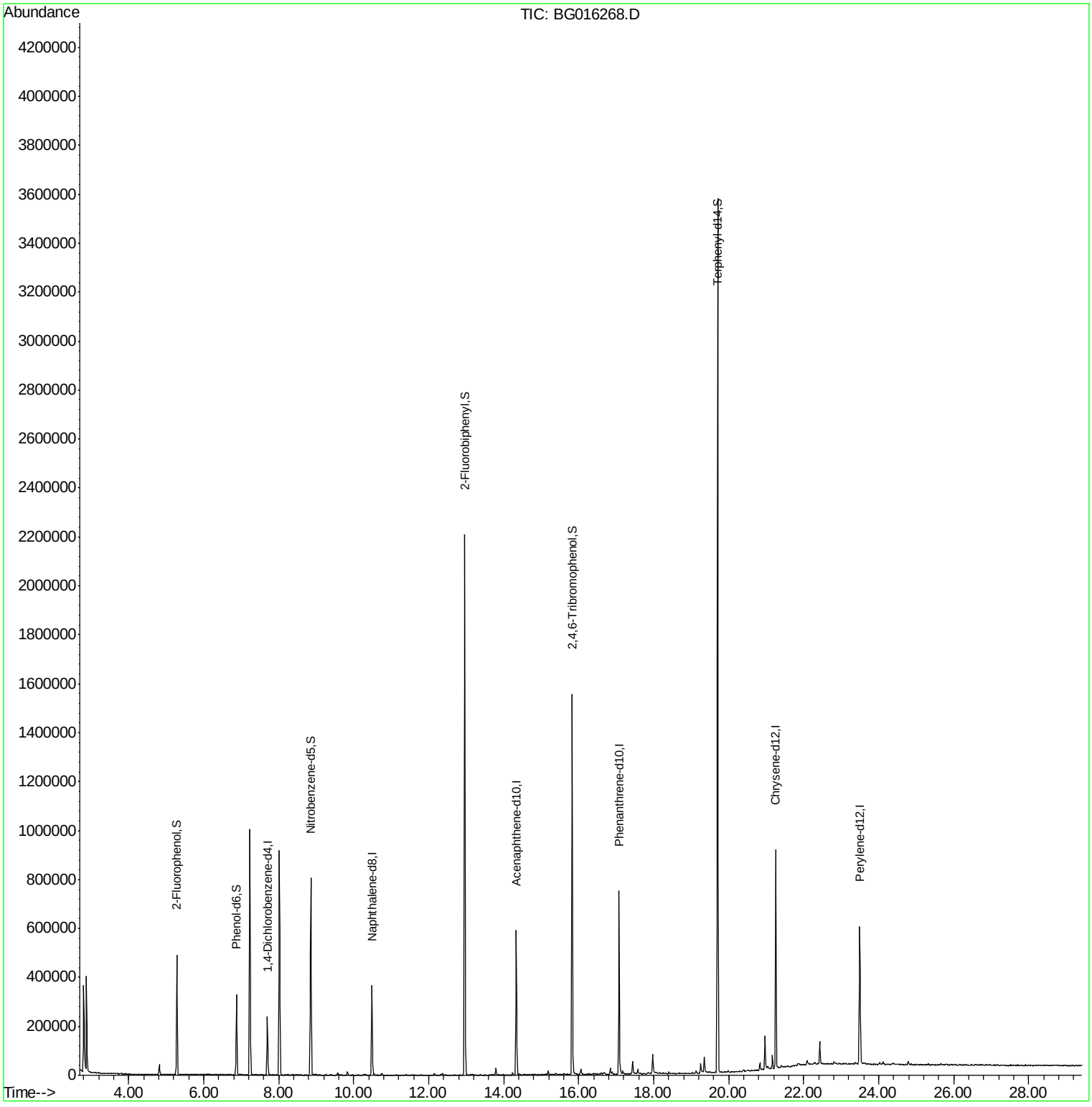
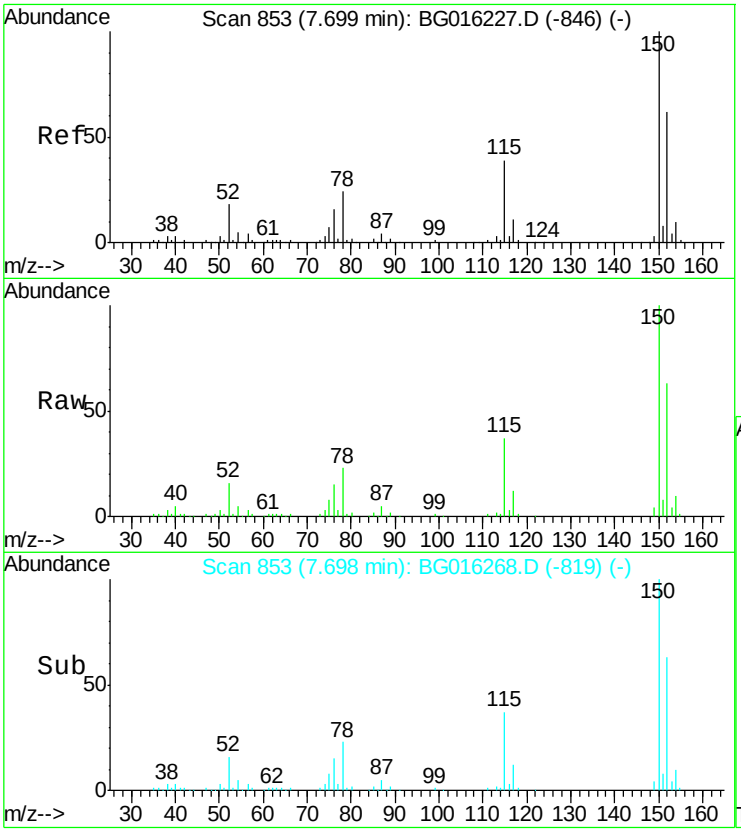


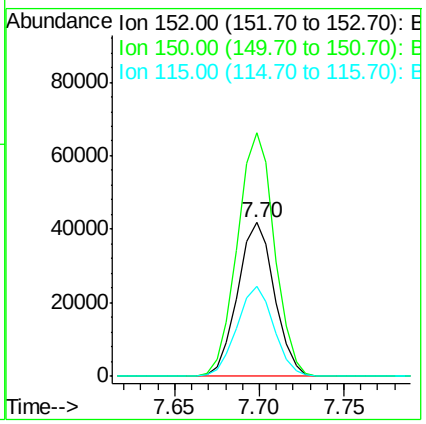


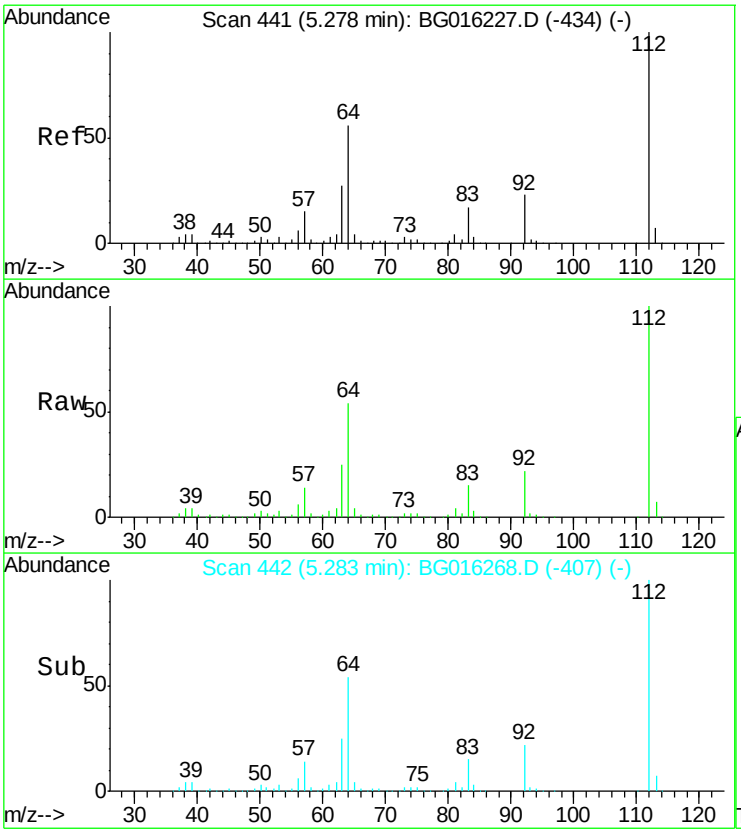
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG016268.D
Acq: 7 Apr 2015 21:52

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion:152 Resp: 63461

Ion	Ratio	Lower	Upper
152	100		
150	158.6	130.1	195.1
115	58.9	50.5	75.7

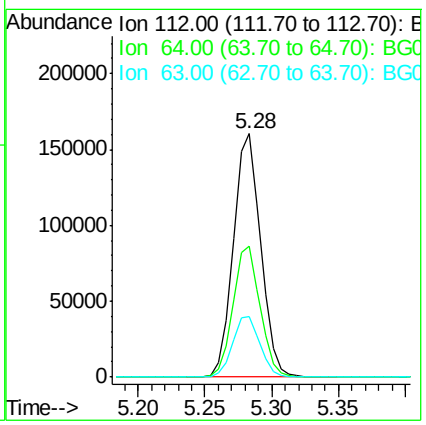


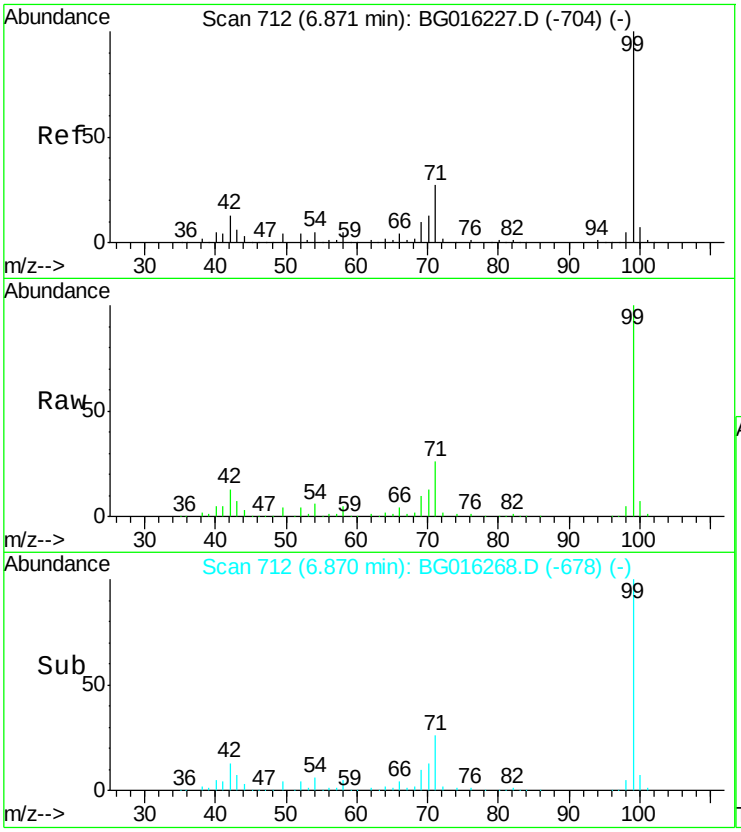


#5
2-Fluorophenol
Concen: 56.73 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG016268.D
Acq: 7 Apr 2015 21:52

Tgt Ion:112 Resp: 228105

Ion	Ratio	Lower	Upper
112	100		
64	53.6	44.5	66.7
63	24.7	21.4	32.0



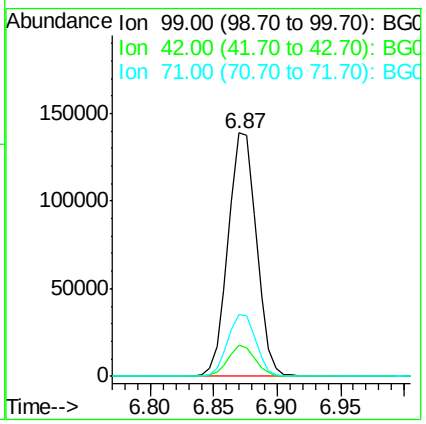


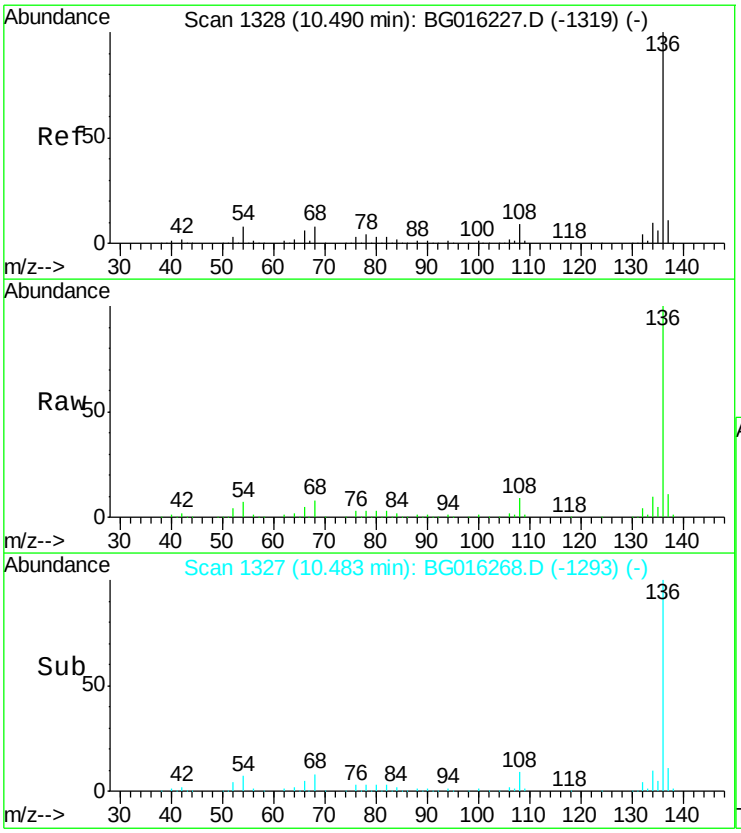
#7
Phenol-d6
Concen: 35.56 ng
RT: 6.87 min Scan# 712
Delta R.T. -0.00 min
Lab File: BG016268.D
Acq: 7 Apr 2015 21:52

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion: 99 Resp: 214680

Ion	Ratio	Lower	Upper
99	100		
42	12.6	10.0	15.0
71	25.5	21.5	32.3

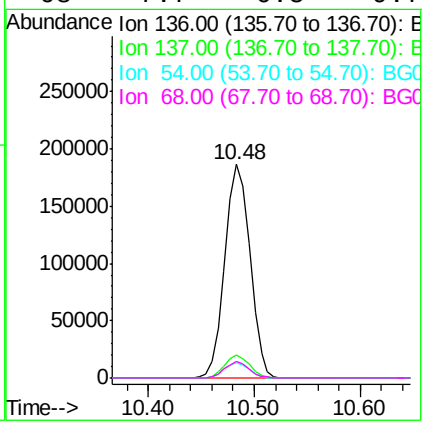


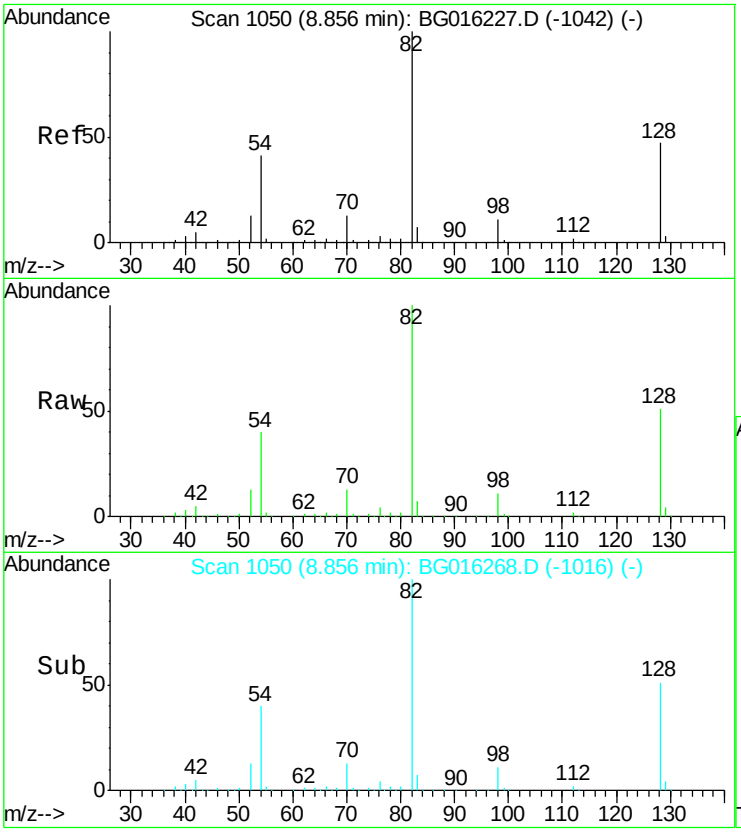


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016268.D
Acq: 7 Apr 2015 21:52

Tgt Ion:136 Resp: 306874

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.3	6.3	9.5
68	7.7	6.5	9.7



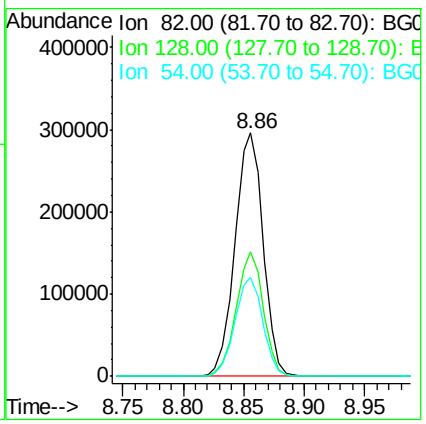


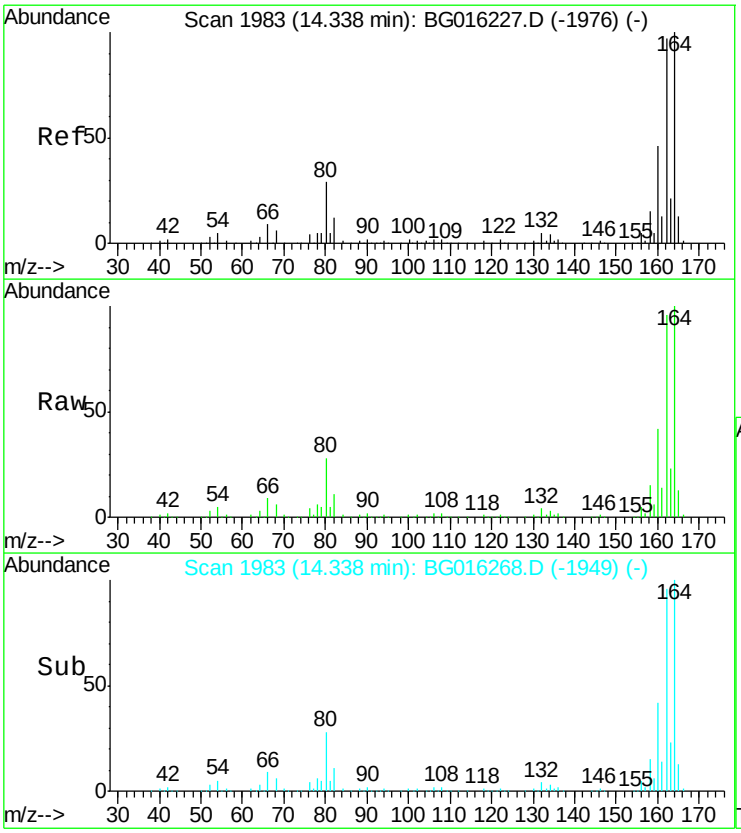
#23
Nitrobenzene-d5
Concen: 90.82 ng
RT: 8.86 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG016268.D
Acq: 7 Apr 2015 21:52

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion: 82 Resp: 481097

Ion	Ratio	Lower	Upper
82	100		
128	51.0	37.8	56.8
54	40.5	32.6	49.0

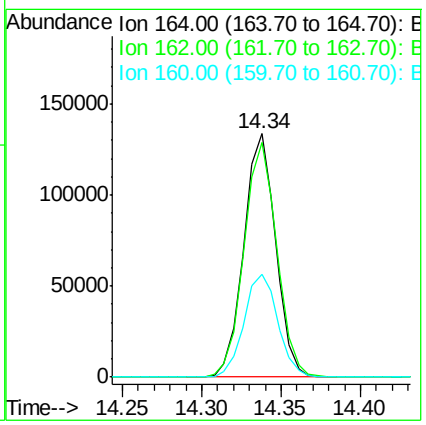


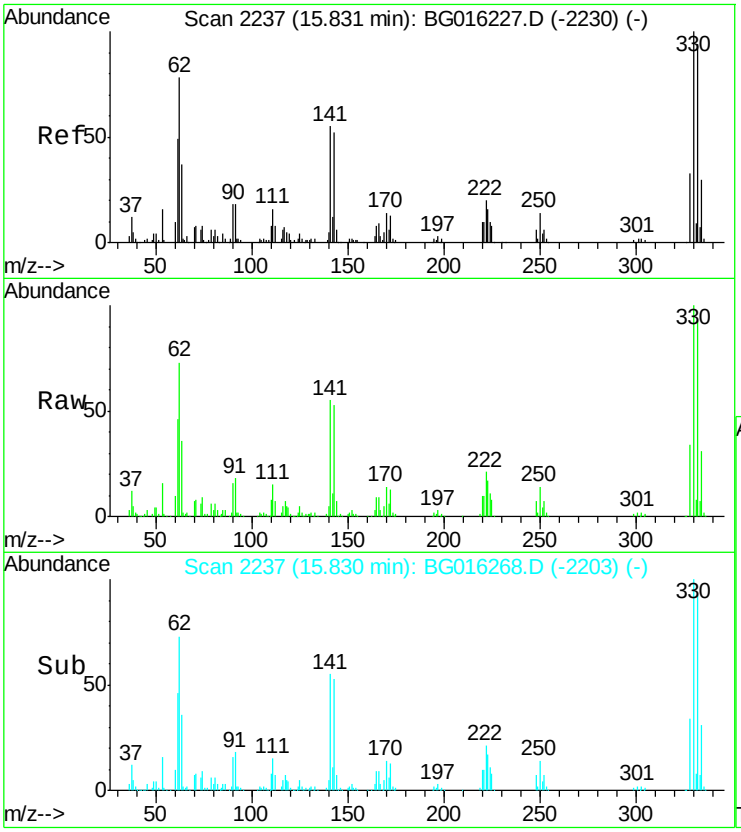


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG016268.D
Acq: 7 Apr 2015 21:52

Tgt Ion:164 Resp: 185975

Ion	Ratio	Lower	Upper
164	100		
162	96.3	77.3	115.9
160	42.3	36.7	55.1



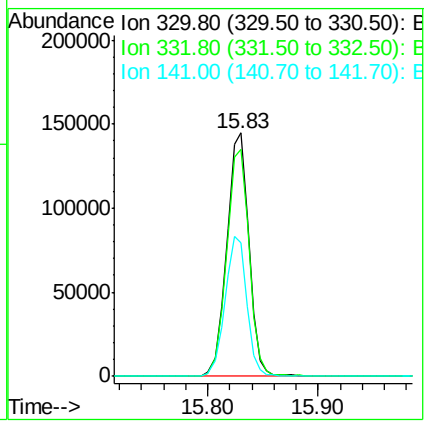


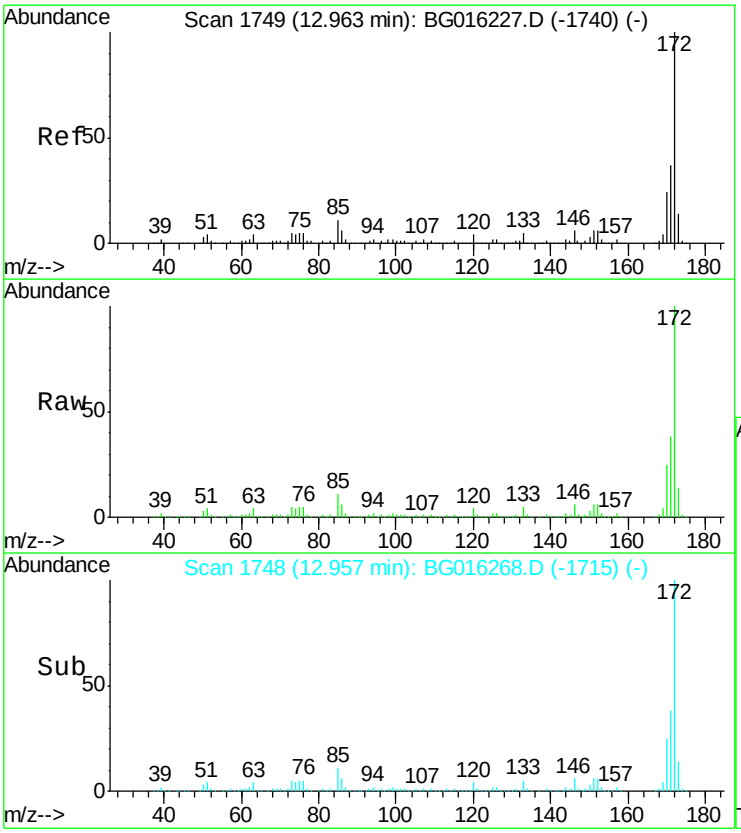
#41
2,4,6-Tribromophenol
Concen: 161.82 ng
RT: 15.83 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BG016268.D
Acq: 7 Apr 2015 21:52

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion:330 Resp: 203522

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.8	113.6
141	56.3	46.6	69.8

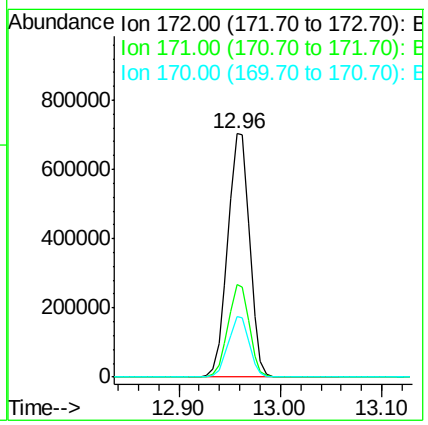


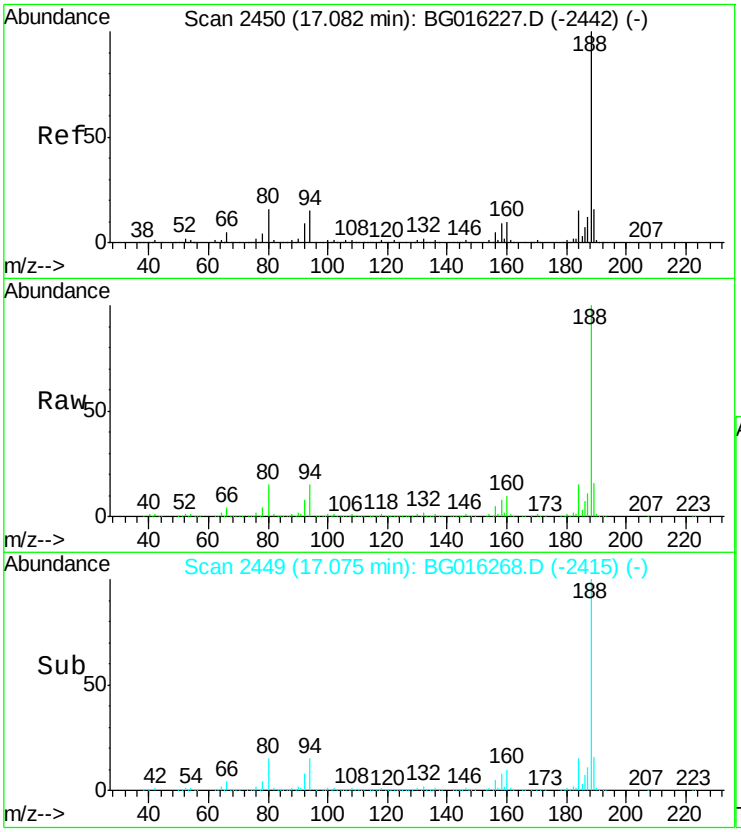


#44
2-Fluorobiphenyl
Concen: 96.53 ng
RT: 12.96 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG016268.D
Acq: 7 Apr 2015 21:52

Tgt Ion:172 Resp: 1054423

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.6	44.4
170	24.7	19.4	29.2



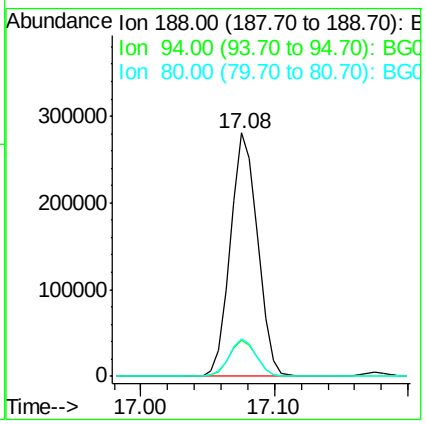


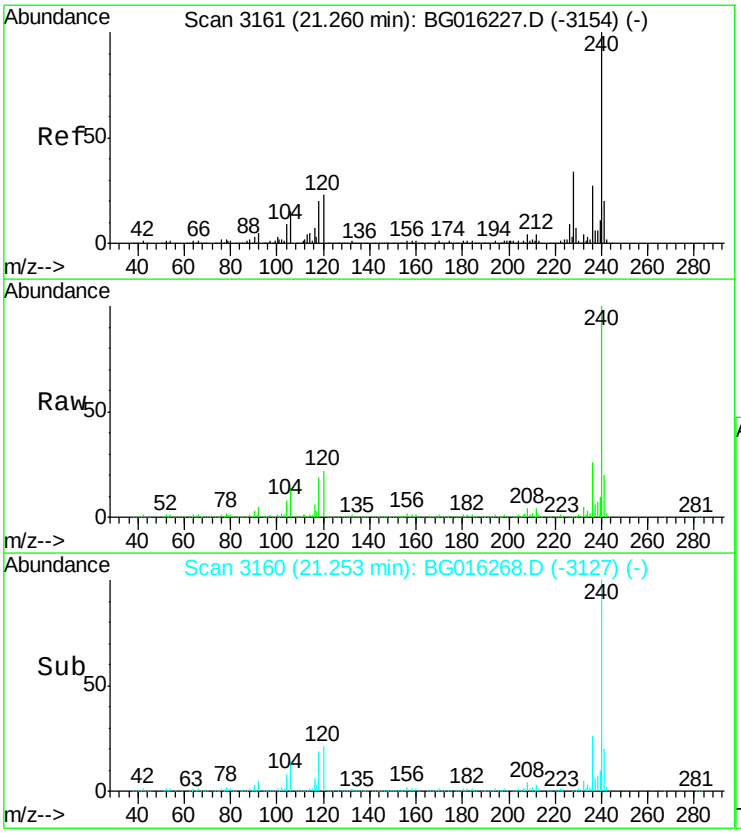
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG016268.D
Acq: 7 Apr 2015 21:52

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion:188 Resp: 398973

Ion	Ratio	Lower	Upper
188	100		
94	15.1	12.2	18.4
80	15.3	12.8	19.2

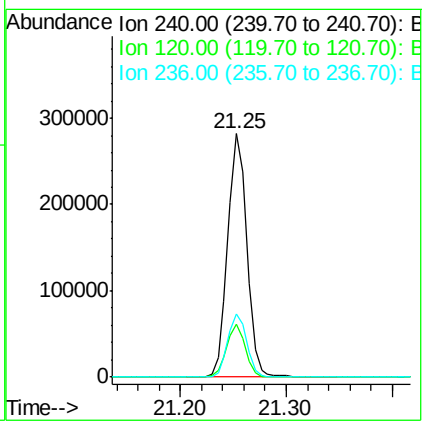


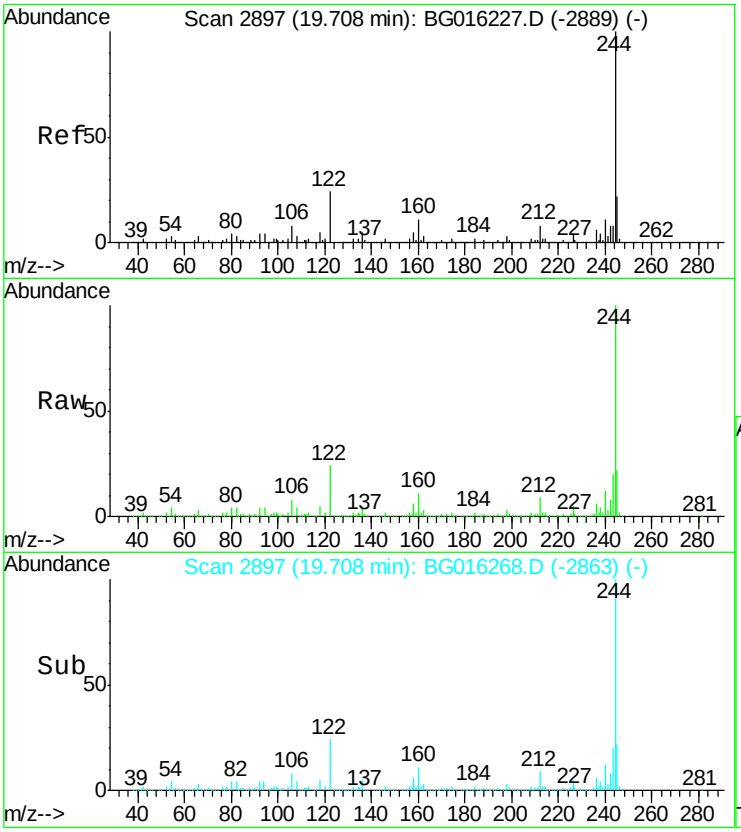


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG016268.D
Acq: 7 Apr 2015 21:52

Tgt Ion:240 Resp: 351772

Ion	Ratio	Lower	Upper
240	100		
120	21.5	18.6	28.0
236	26.1	21.7	32.5



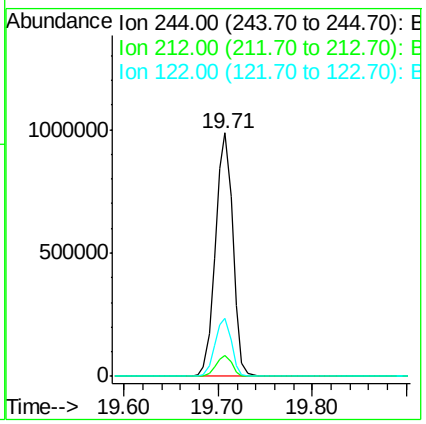


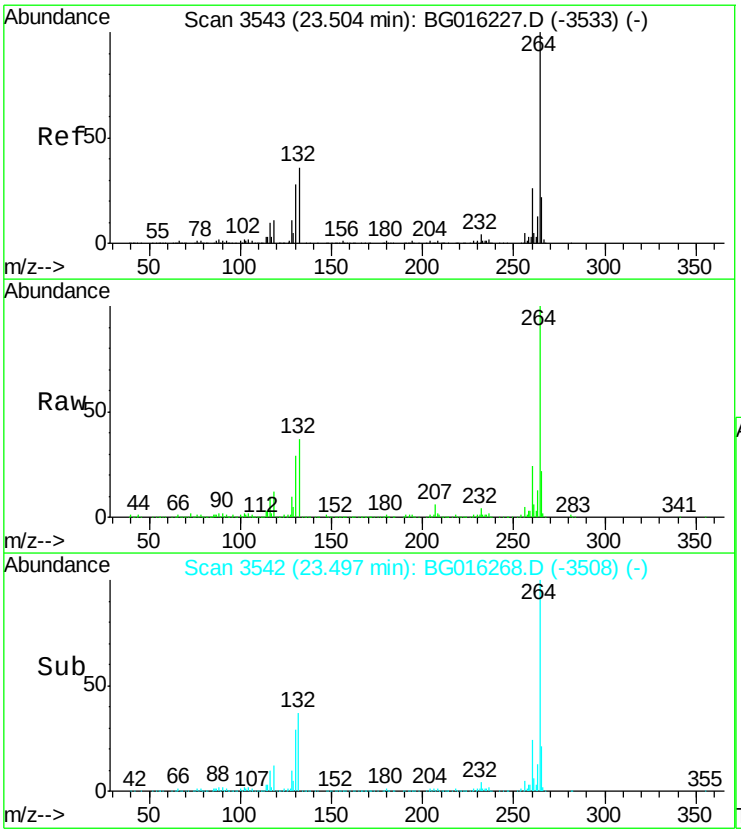
#78
Terphenyl-d14
Concen: 85.19 ng
RT: 19.71 min Scan# 2897
Delta R.T. -0.00 min
Lab File: BG016268.D
Acq: 7 Apr 2015 21:52

Instrument :
BNA_G
ClientSampleId :
MW-29

Tgt Ion:244 Resp: 1280409

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	9.8
122	23.6	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: BG016268.D
Acq: 7 Apr 2015 21:52

Tgt Ion:264 Resp: 317651

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.6	17.2	25.8