Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
Data File : BG016561.D
Acq On : 20 Apr 2015 21:01
Operator : TP/IZ
Sample : G1898-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-40

Quant Time: Apr 21 02:16:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 01:34:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	71027	20.00	ng	0.01
21) Naphthalene-d8	10.43	136	316580	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	197445	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	389080	20.00	ng	0.00
75) Chrysene-d12	21.21	240	329498	20.00	ng	0.00
86) Perylene-d12	23.43	264	308658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	277467	61.65	ng	0.01
7) Phenol-d6	6.84	99	247490	36.63	ng	0.01
23) Nitrobenzene-d5	8.81	82	451488	82.62	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	183334	137.30	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	1025604	88.44	ng	0.00
78) Terphenyl-d14	19.66	244	1067452	75.82	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.49	128	420646	25.50	ng	99
37) 2-Methylnaphthalene	12.10	142	464722	39.16	ng	99

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

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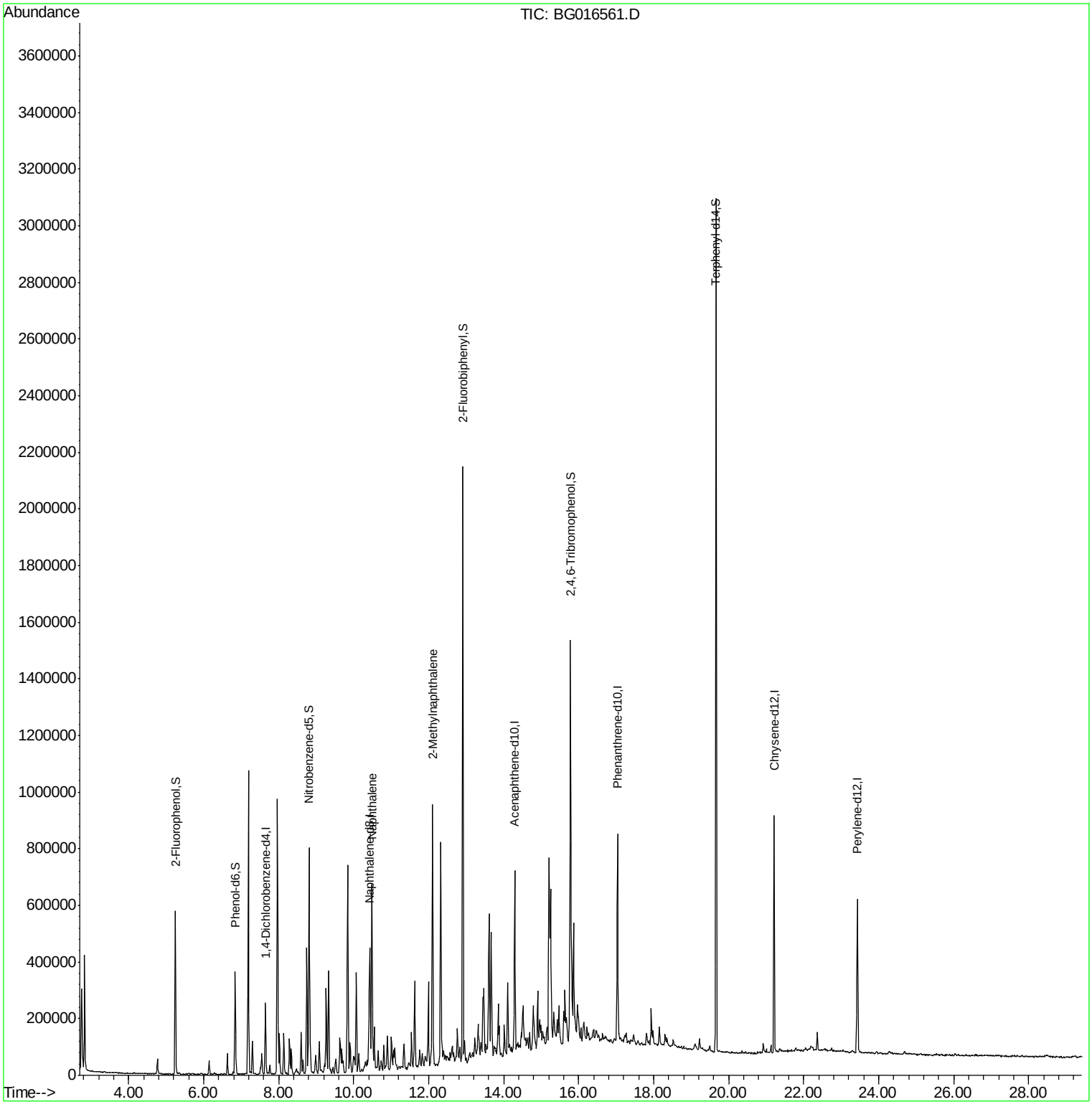
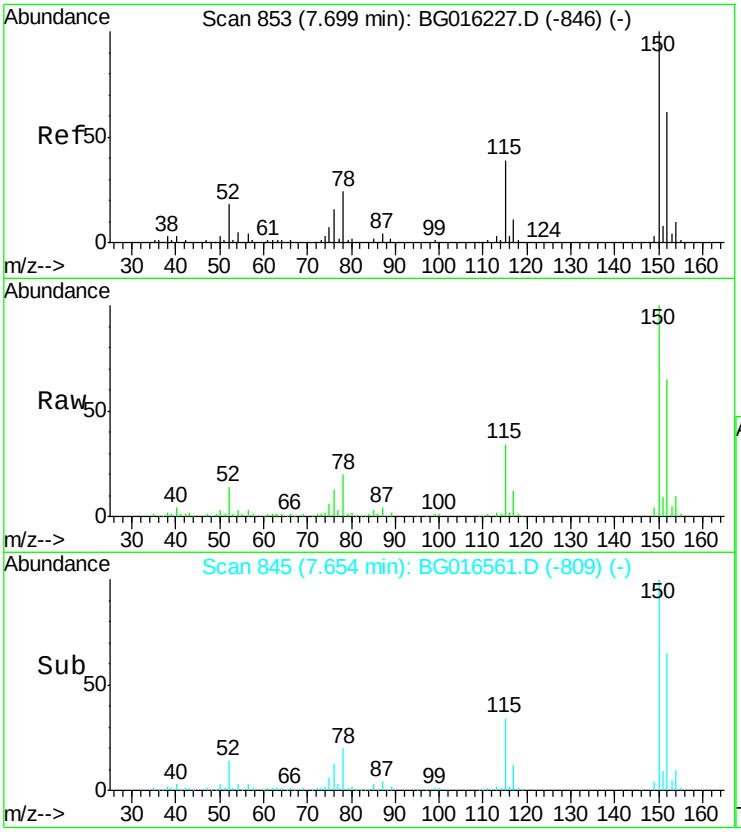


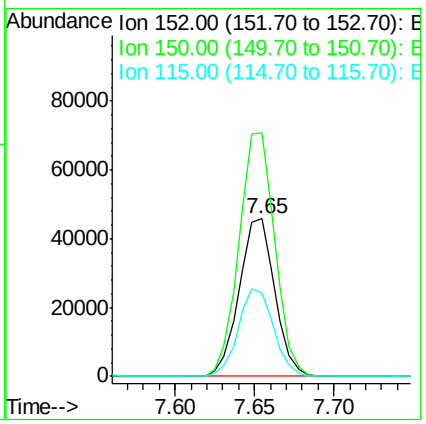


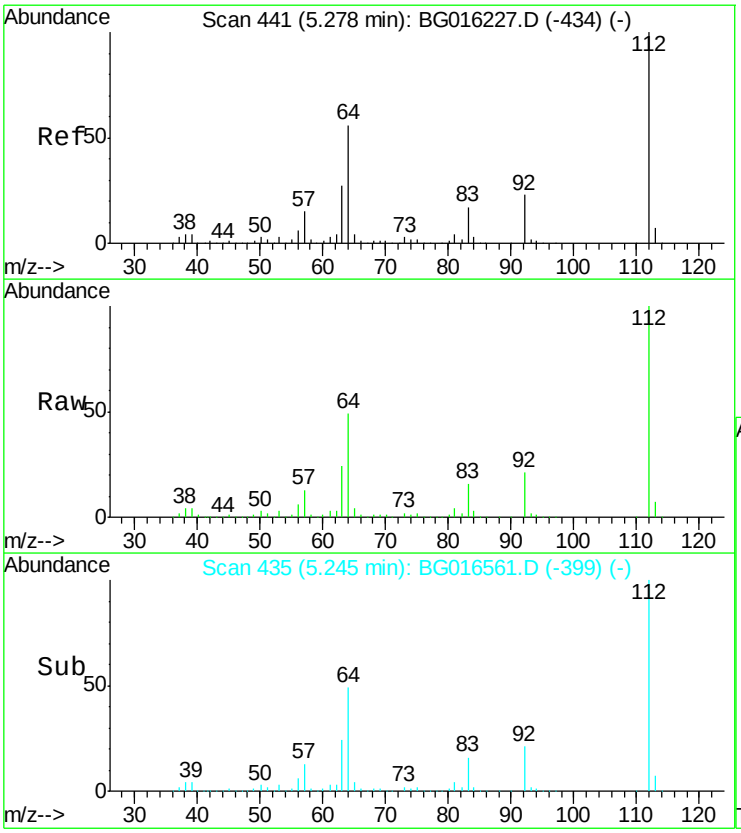
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:152 Resp: 71027

Ion	Ratio	Lower	Upper
152	100		
150	154.7	130.1	195.1
115	53.1	50.5	75.7

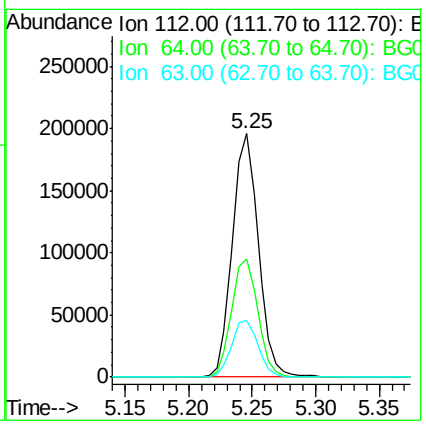


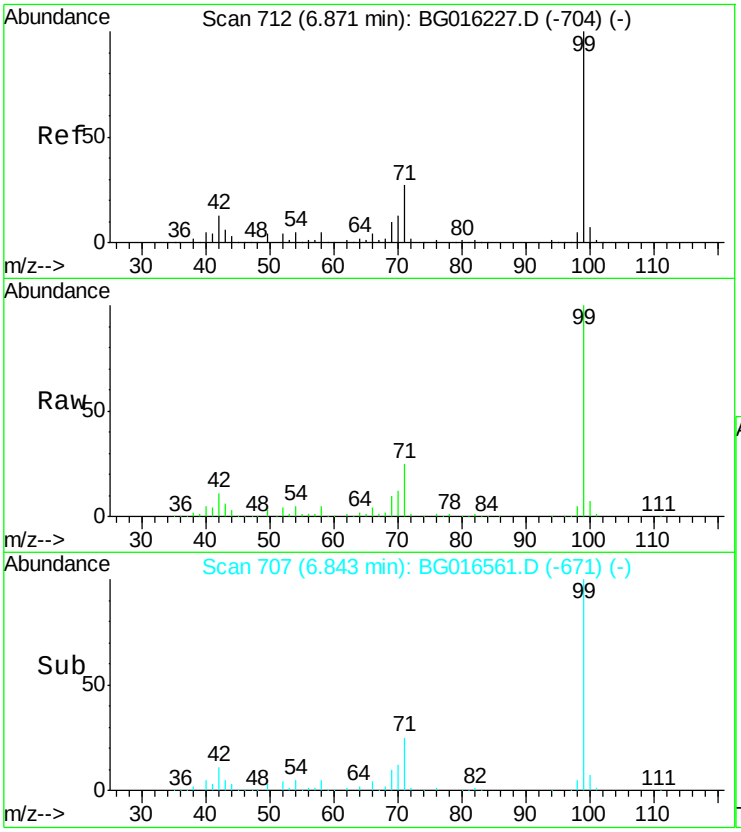


#5
2-Fluorophenol
Concen: 61.65 ng
RT: 5.25 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:112 Resp: 277467

Ion	Ratio	Lower	Upper
112	100		
64	48.7	44.5	66.7
63	23.5	21.4	32.0



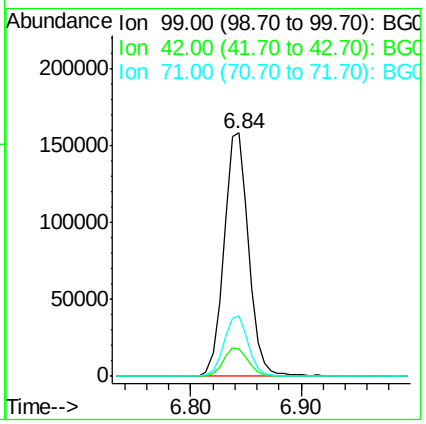


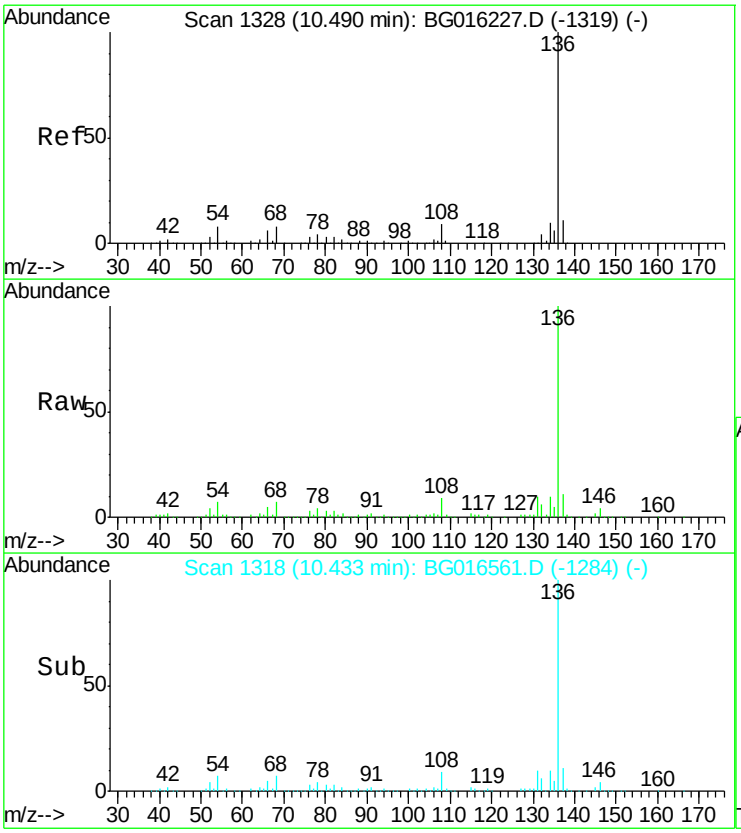
#7
Phenol-d6
Concen: 36.63 ng
RT: 6.84 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion: 99 Resp: 247490

Ion	Ratio	Lower	Upper
99	100		
42	11.3	10.0	15.0
71	25.1	21.5	32.3

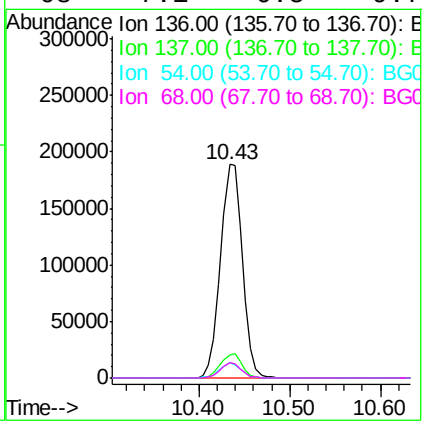


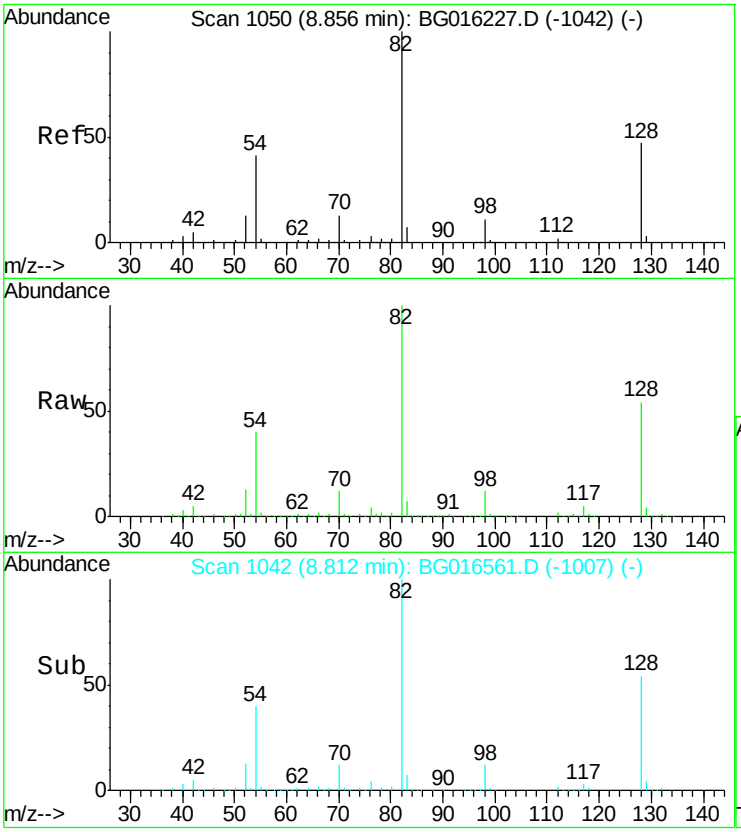


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.43 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:136 Resp: 316580

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.0	6.3	9.5
68	7.1	6.5	9.7



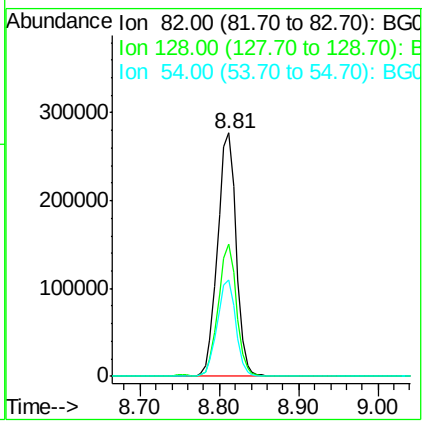


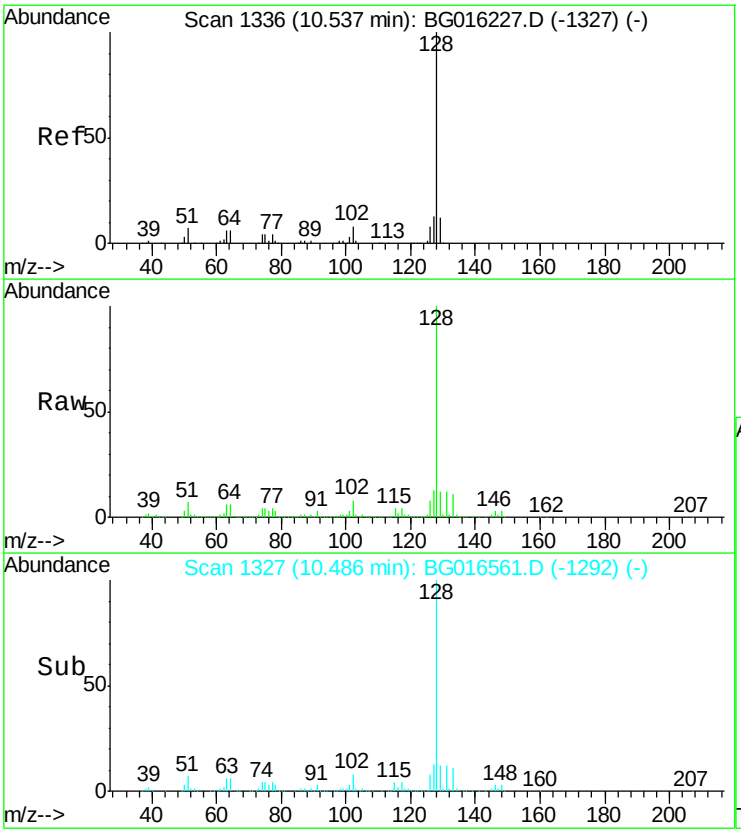
#23
Nitrobenzene-d5
Concen: 82.62 ng
RT: 8.81 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion: 82 Resp: 451488

Ion	Ratio	Lower	Upper
82	100		
128	54.1	37.8	56.8
54	39.5	32.6	49.0

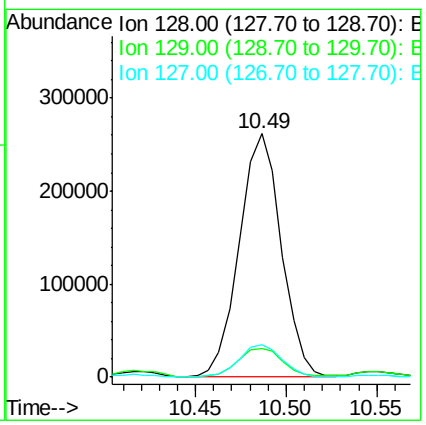


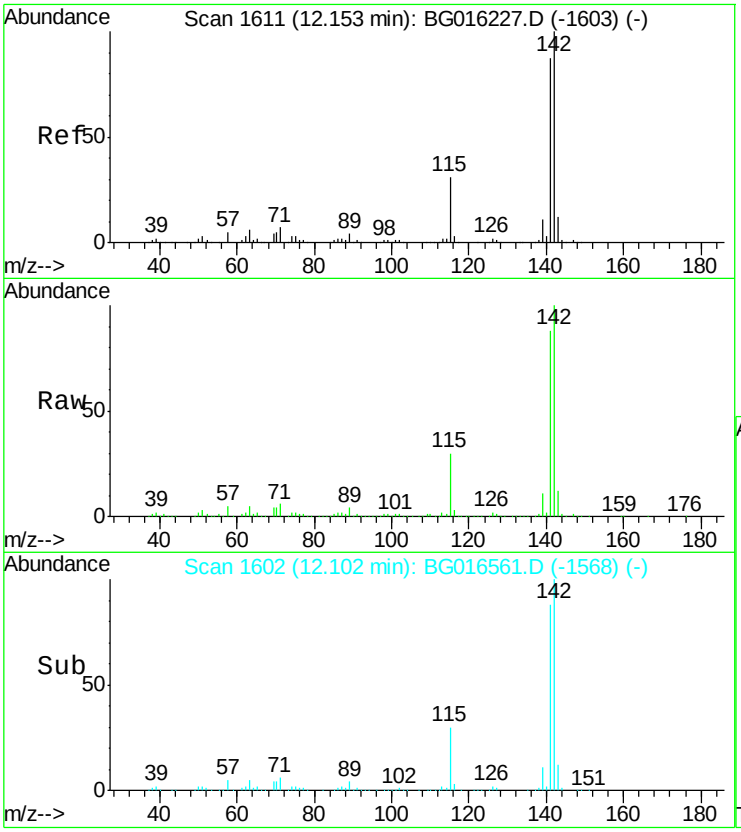


#31
Naphthalene
Concen: 25.50 ng
RT: 10.49 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:128 Resp: 420646

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	13.3	10.6	16.0



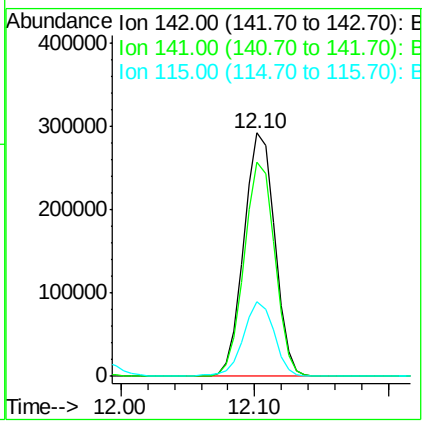


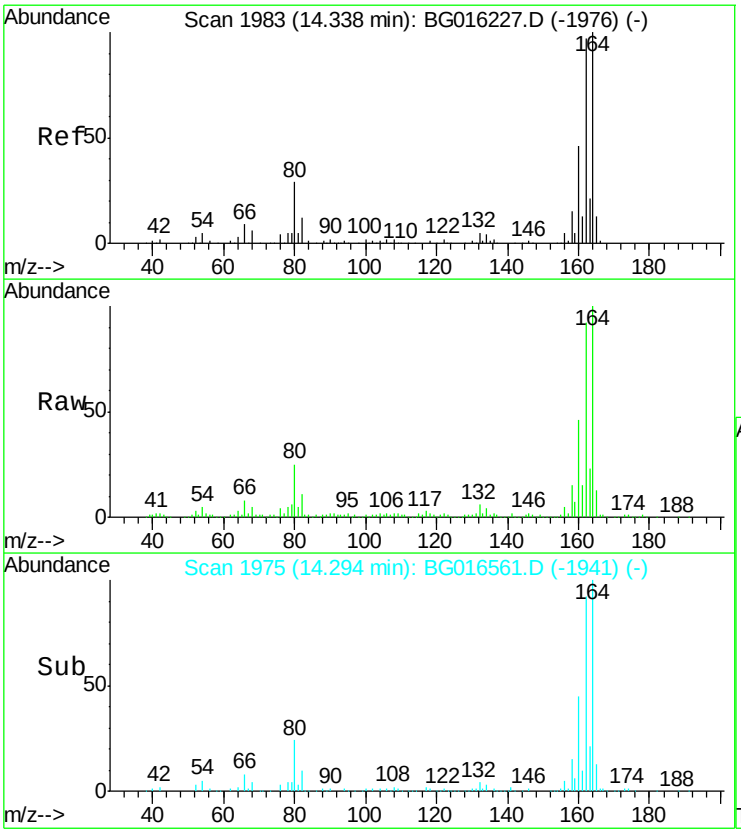
#37
2-Methylnaphthalene
Concen: 39.16 ng
RT: 12.10 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:142 Resp: 464722

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.3	103.9
115	30.5	25.0	37.6

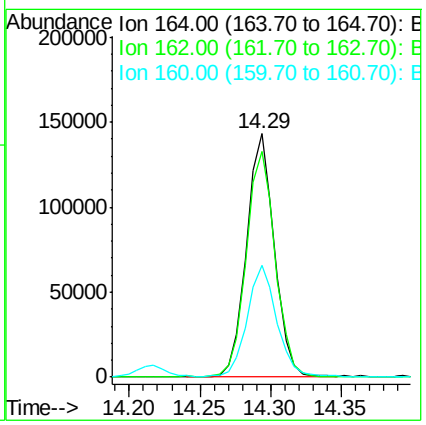


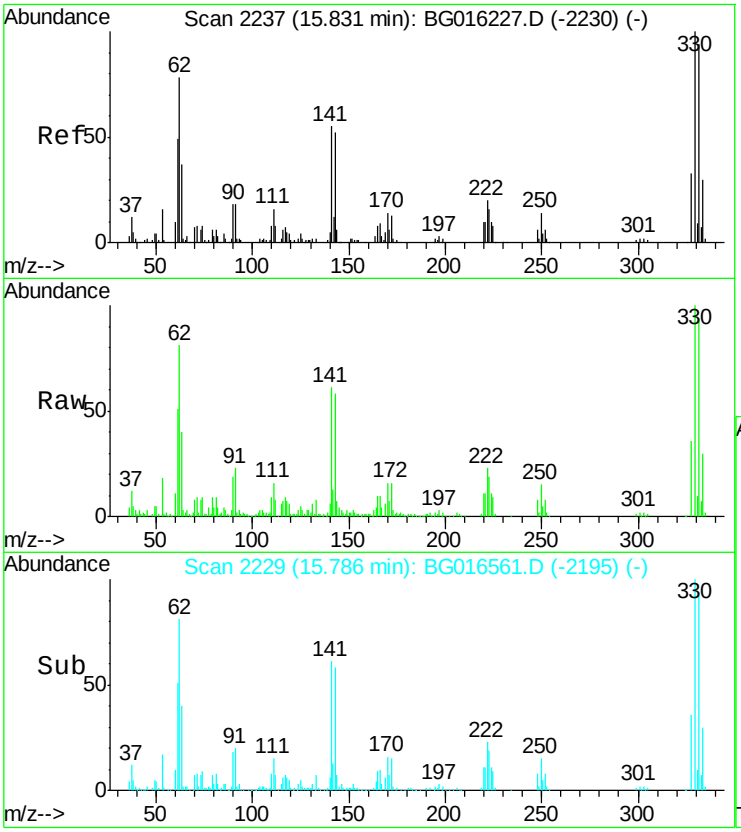


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:164 Resp: 197445

Ion	Ratio	Lower	Upper
164	100		
162	92.5	77.3	115.9
160	46.1	36.7	55.1



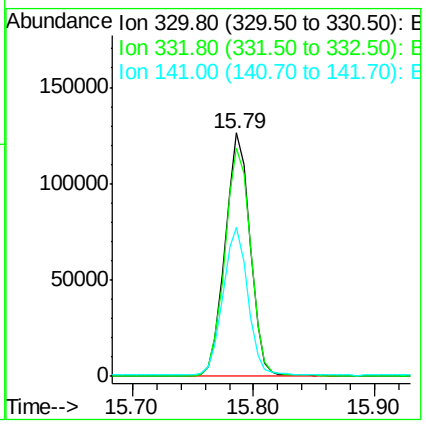


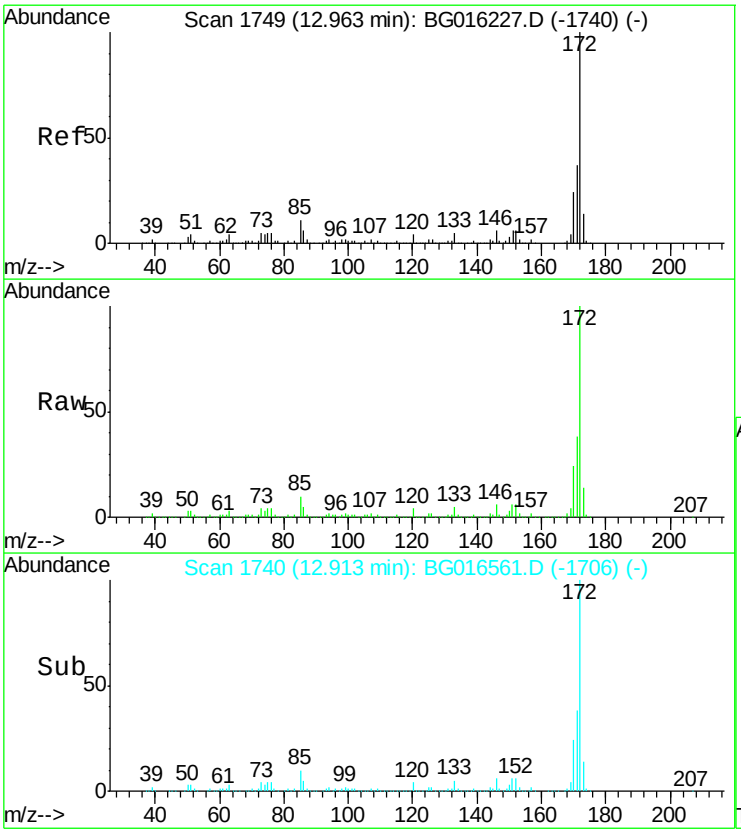
#41
2,4,6-Tribromophenol
Concen: 137.30 ng
RT: 15.79 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:330 Resp: 183334

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.8	113.6
141	60.7	46.6	69.8

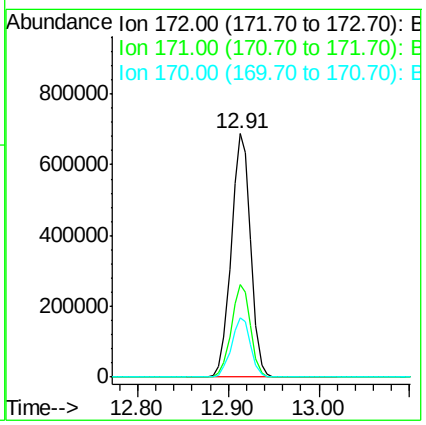


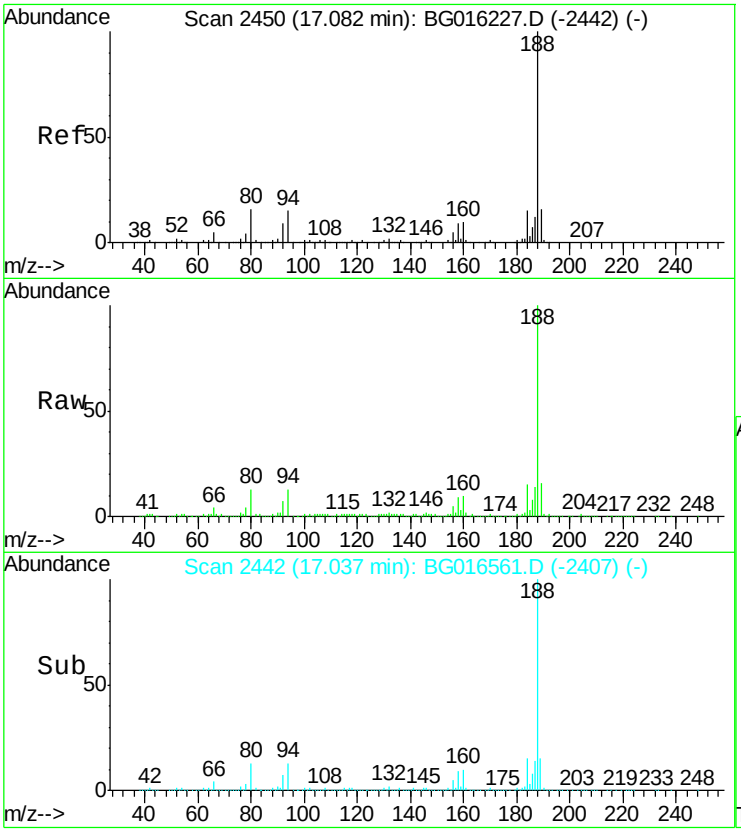


#44
2-Fluorobiphenyl
Concen: 88.44 ng
RT: 12.91 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:172 Resp: 1025604

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.6	44.4
170	24.5	19.4	29.2



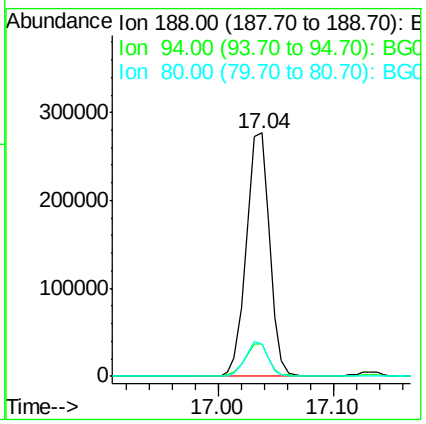


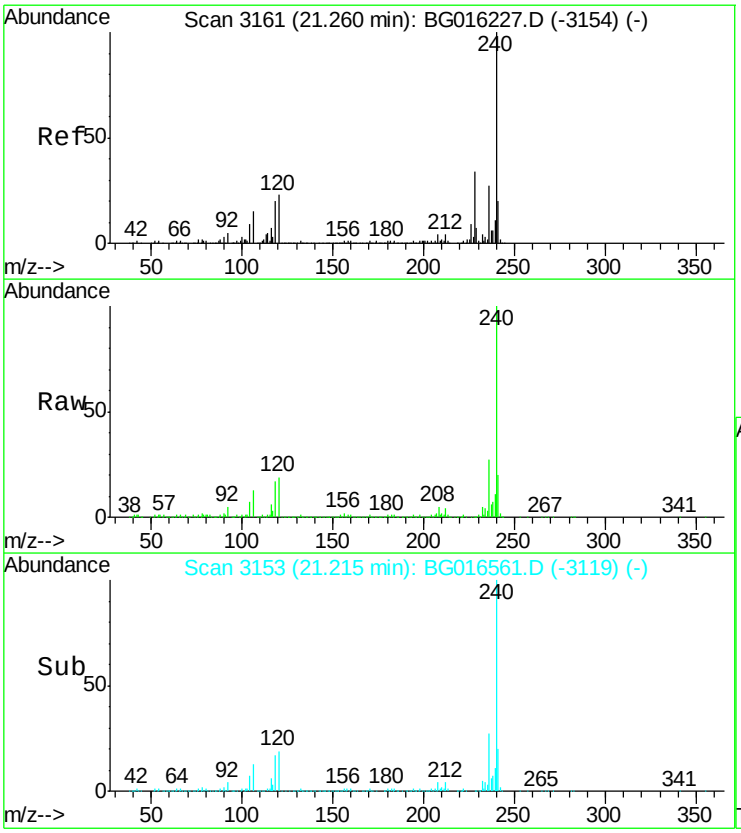
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:188 Resp: 389080

Ion	Ratio	Lower	Upper
188	100		
94	13.2	12.2	18.4
80	13.1	12.8	19.2

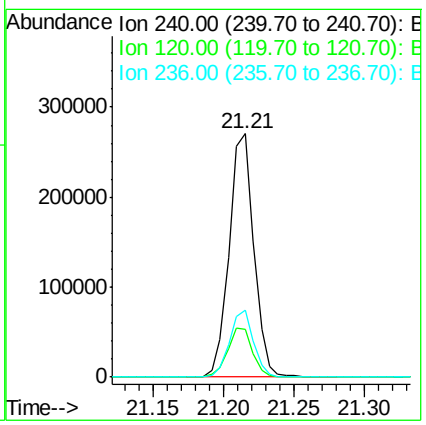


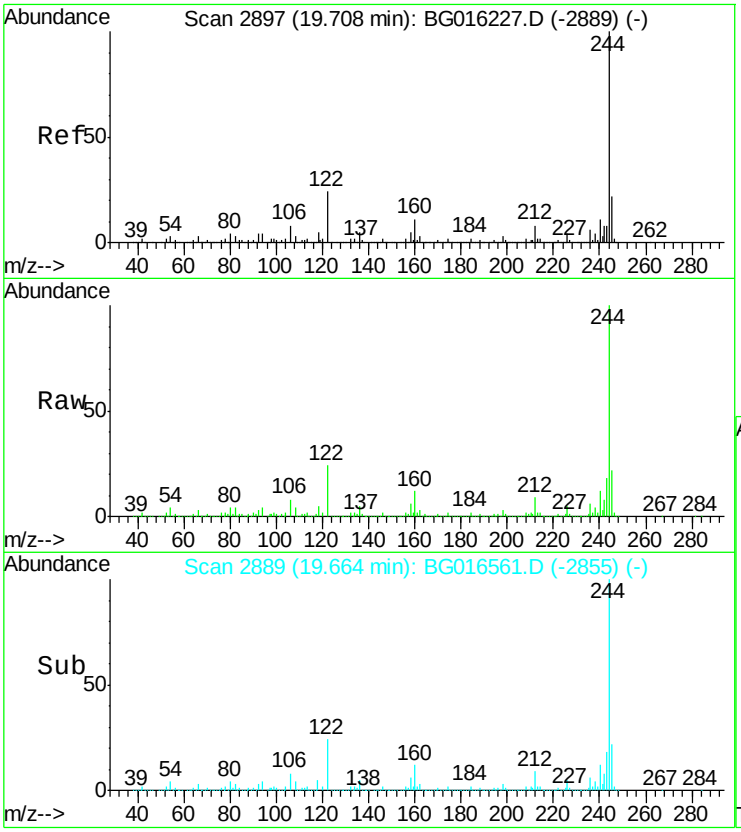


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:240 Resp: 329498

Ion	Ratio	Lower	Upper
240	100		
120	19.4	18.6	28.0
236	27.4	21.7	32.5



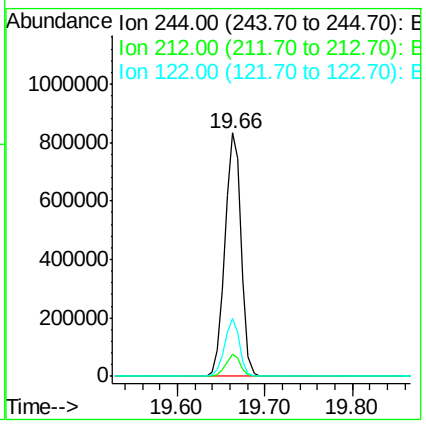


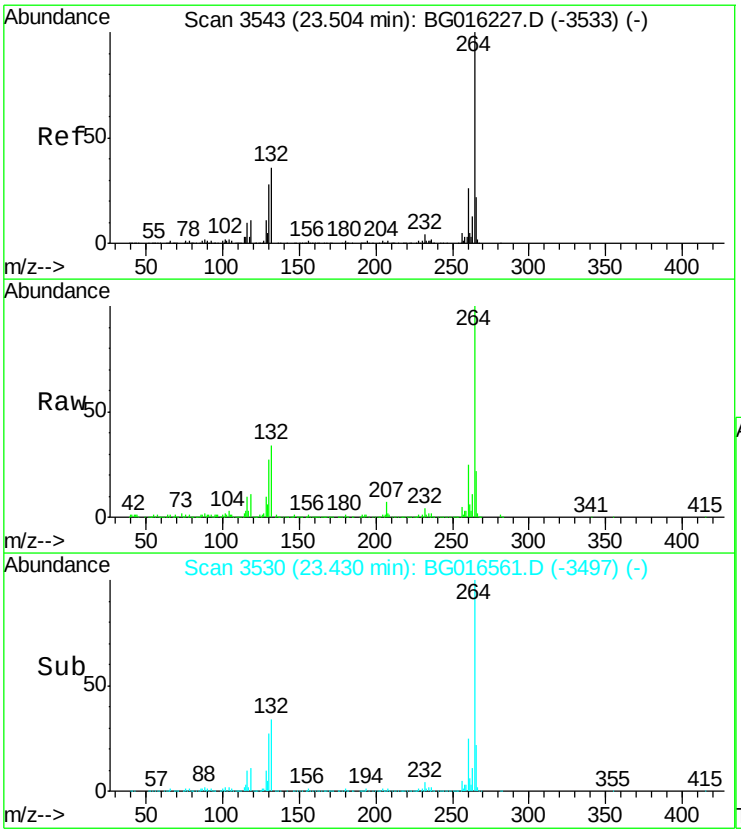
#78
Terphenyl-d14
Concen: 75.82 ng
RT: 19.66 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:244 Resp: 1067452

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	9.8
122	23.8	19.1	28.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:264 Resp: 308658

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	21.7	17.2	25.8