Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
Data File : BG016581.D
Acq On : 21 Apr 2015 11:05
Operator : TP/IZ
Sample : G1845-02DL2 100X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFFWWDL2

Quant Time: Apr 21 15:47:23 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 14:00:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	59912	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	274712	20.00	ng	-0.03
38) Acenaphthene-d10	14.29	164	169656	20.00	ng	-0.03
63) Phenanthrene-d10	17.04	188	351229	20.00	ng	-0.03
75) Chrysene-d12	21.21	240	318898	20.00	ng	-0.03
86) Perylene-d12	23.43	264	313688	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1425	0.38	ng	0.00
7) Phenol-d6	6.85	99	1070	0.19	ng	0.00
23) Nitrobenzene-d5	8.80	82	3071	0.65	ng	-0.03
41) 2,4,6-Tribromophenol	15.79	330	597	0.52	ng	-0.02
44) 2-Fluorobiphenyl	12.92	172	7691	0.77	ng	-0.02
78) Terphenyl-d14	19.66	244	8169	0.60	ng	-0.03
Target Compounds						Qvalue
6) Aniline	6.98	93	330714	40.63	ng	96
24) Nitrobenzene	8.85	77	118711	23.41	ng	93

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

Quantitation Report (QT Reviewed)

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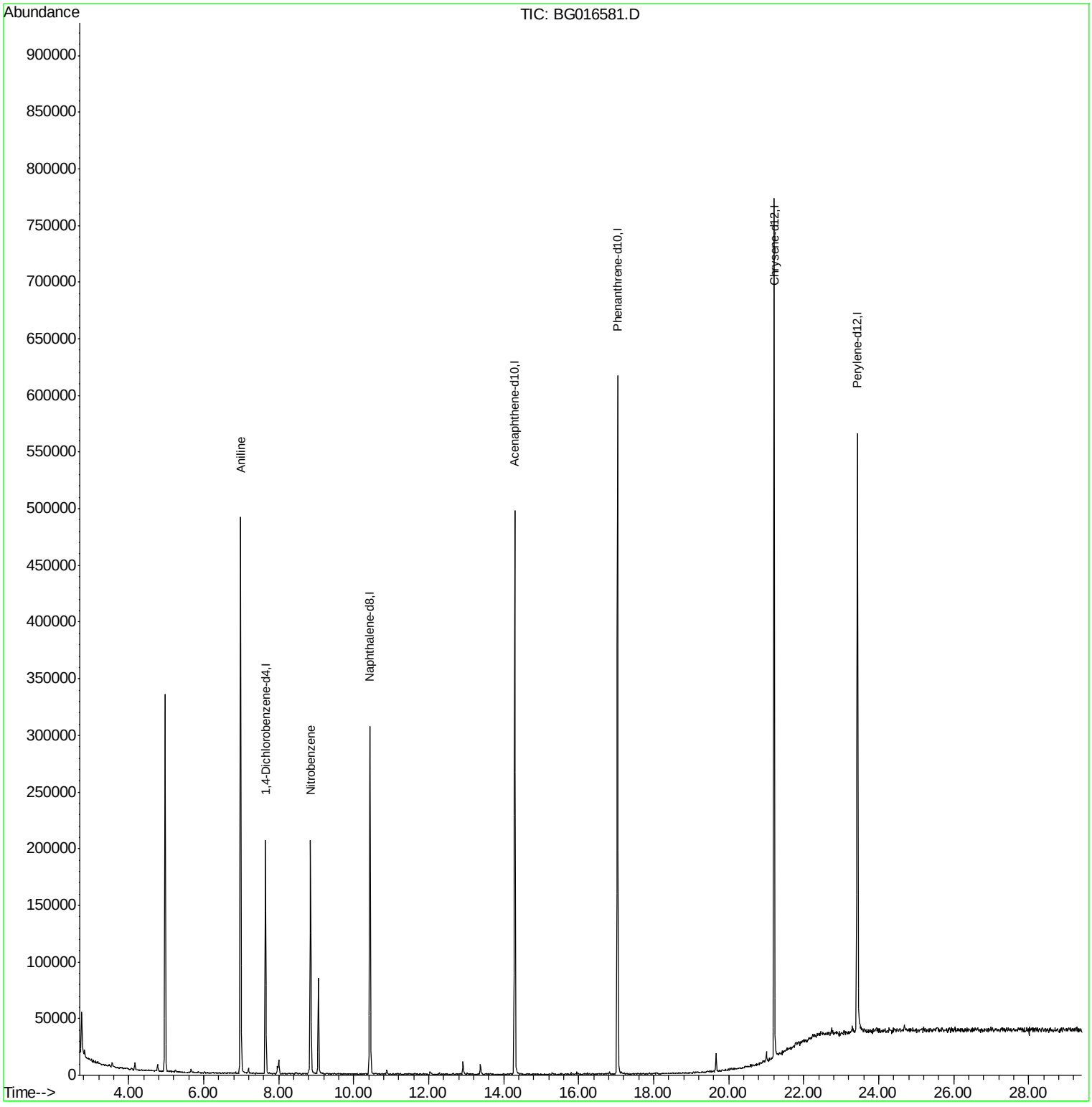
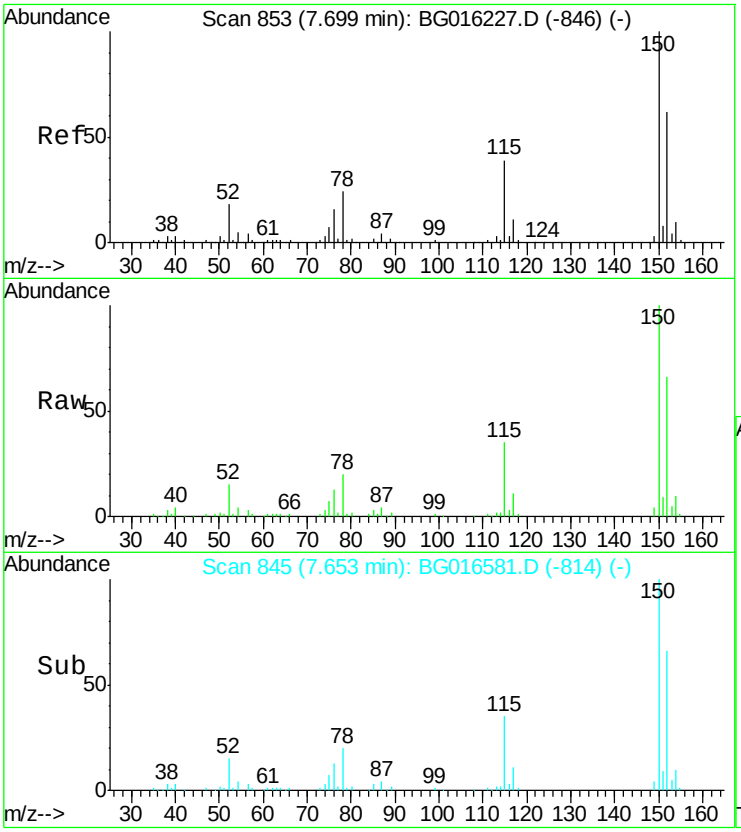


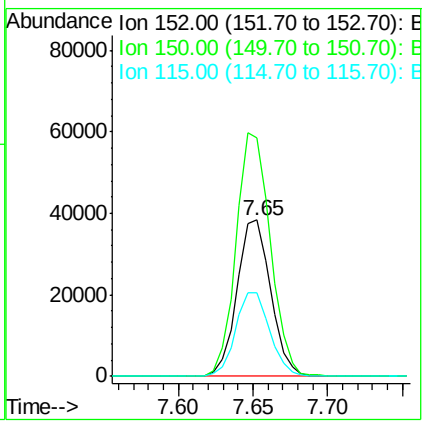


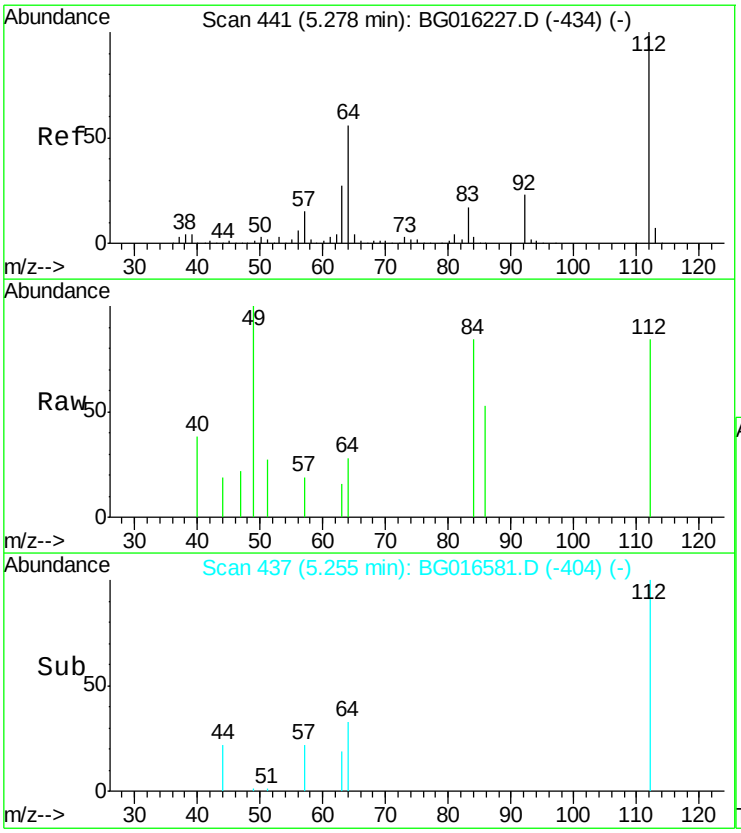
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Instrument :
BNA_G
ClientSampleId :
EFFWWDL2

Tgt Ion:152 Resp: 59912

Ion	Ratio	Lower	Upper
152	100		
150	152.7	130.1	195.1
115	53.2	50.5	75.7

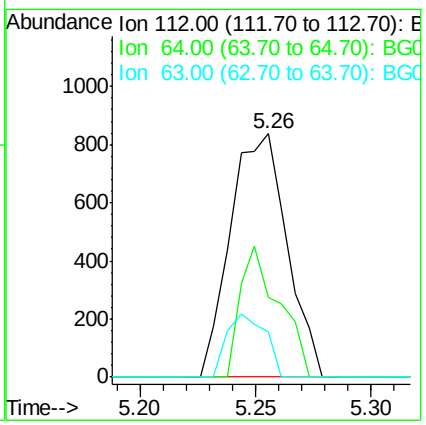


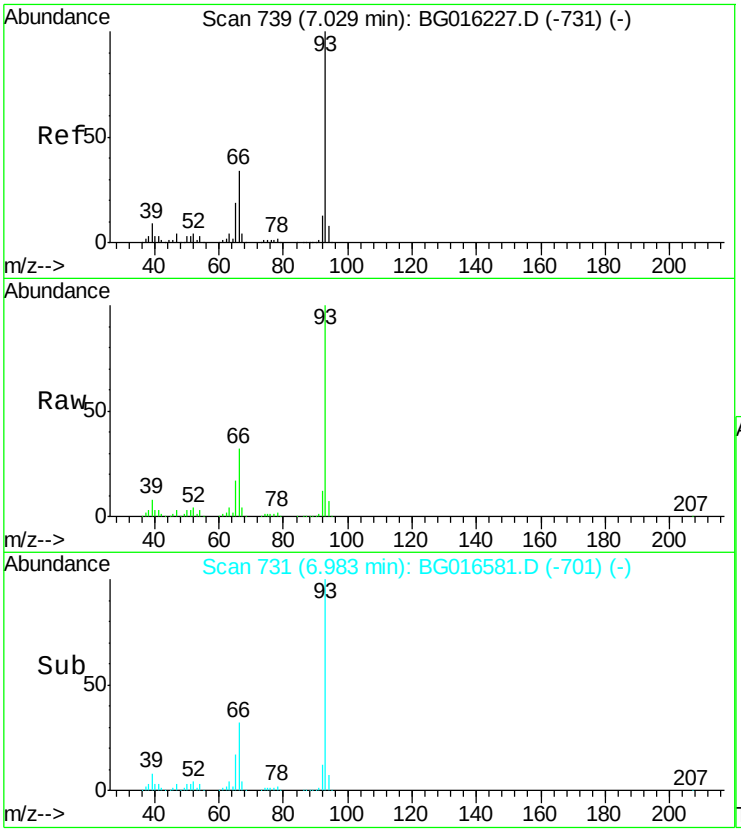


#5
2-Fluorophenol
Concen: 0.38 ng
RT: 5.26 min Scan# 437
Delta R.T. -0.01 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Tgt Ion:112 Resp: 1425

Ion	Ratio	Lower	Upper
112	100		
64	32.9	44.5	66.7#
63	18.7	21.4	32.0#



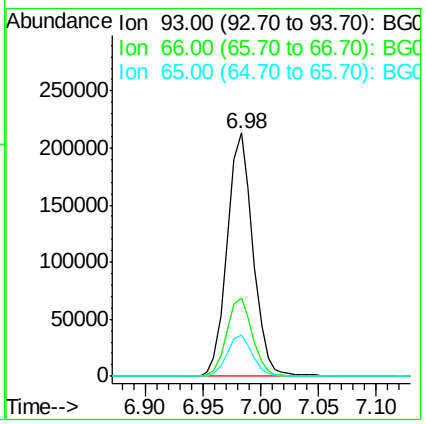


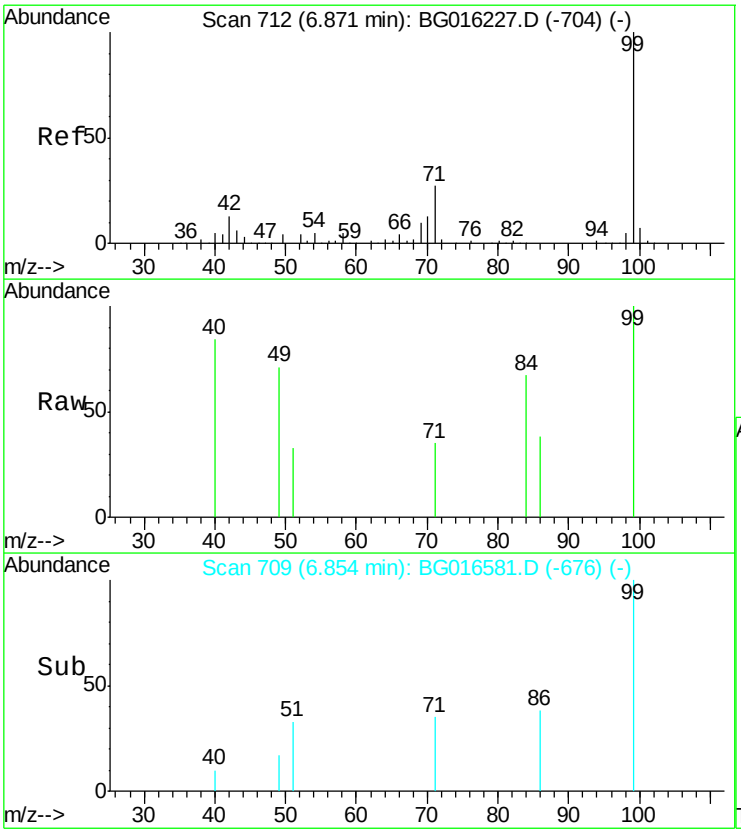
#6
Aniline
Concen: 40.63 ng
RT: 6.98 min Scan# 731
Delta R.T. -0.03 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Instrument :
BNA_G
ClientSampleId :
EFFWWDL2

Tgt Ion: 93 Resp: 330714

Ion	Ratio	Lower	Upper
93	100		
66	32.3	27.5	41.3
65	17.1	15.1	22.7

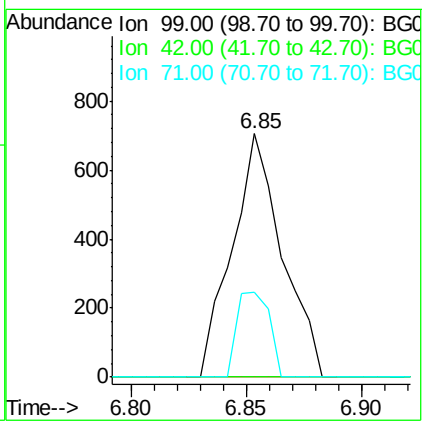


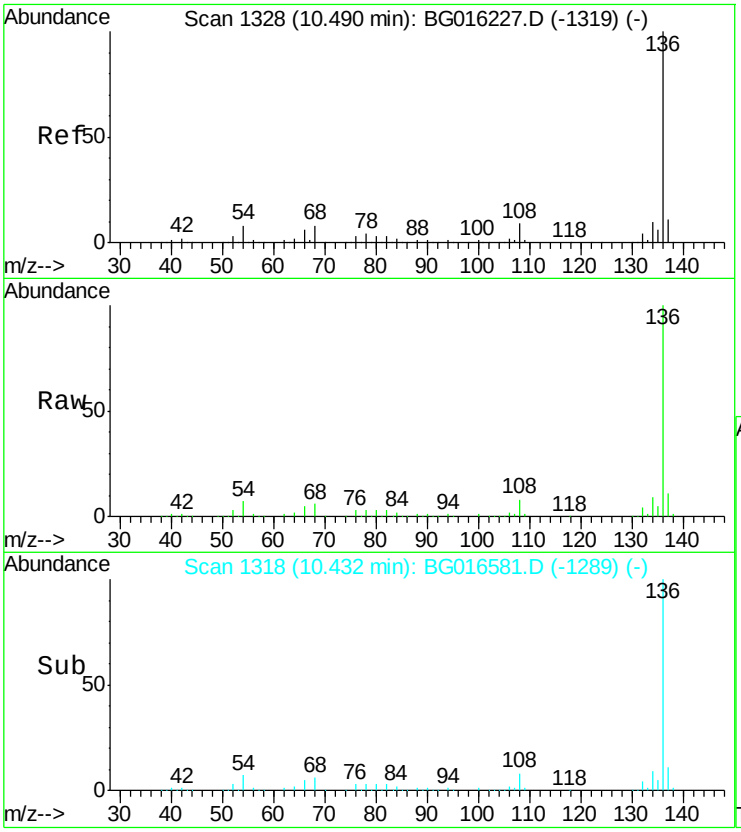


#7
Phenol-d6
Concen: 0.19 ng
RT: 6.85 min Scan# 709
Delta R.T. -0.01 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Tgt Ion: 99 Resp: 1070

Ion	Ratio	Lower	Upper
99	100		
42	0.0	10.0	15.0#
71	35.0	21.5	32.3#



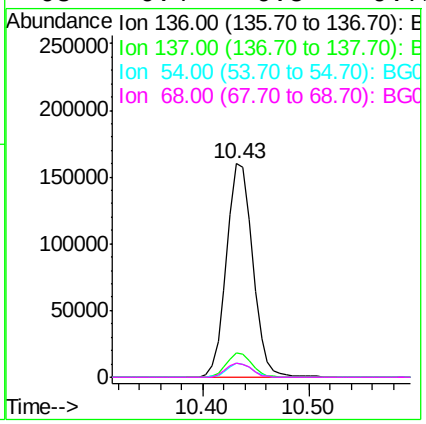


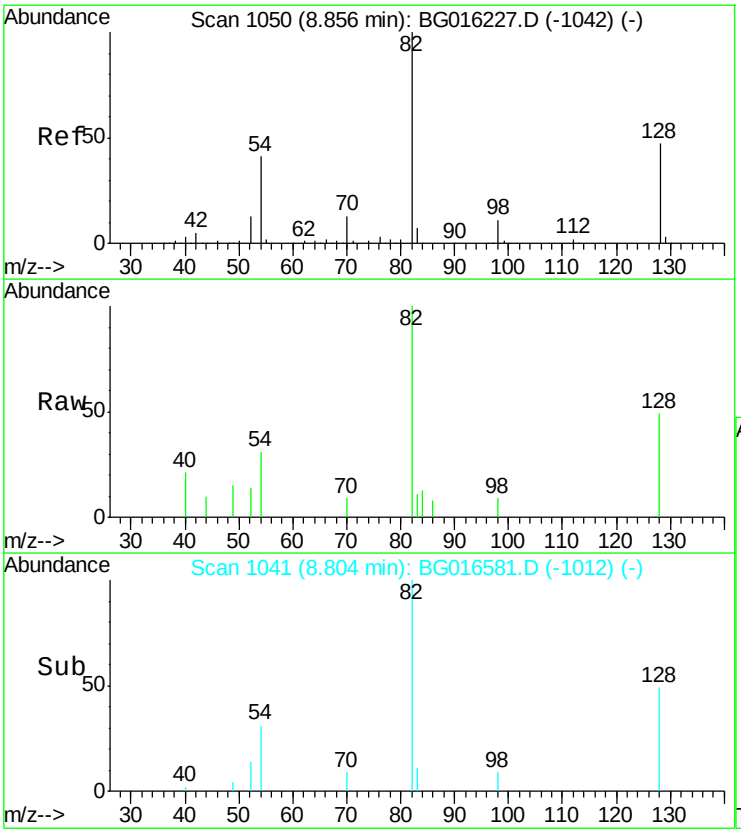
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.43 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Instrument :
BNA_G
ClientSampleId :
EFFWWDL2

Tgt Ion:136 Resp: 274712

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.7	6.3	9.5
68	6.4	6.5	9.7#

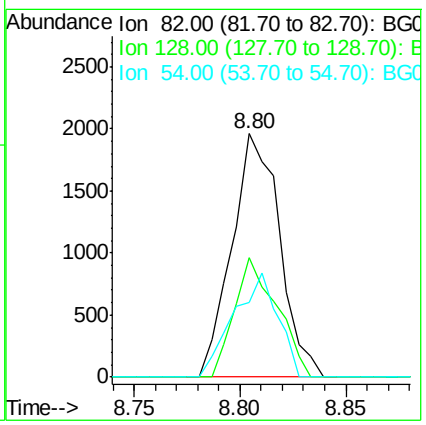


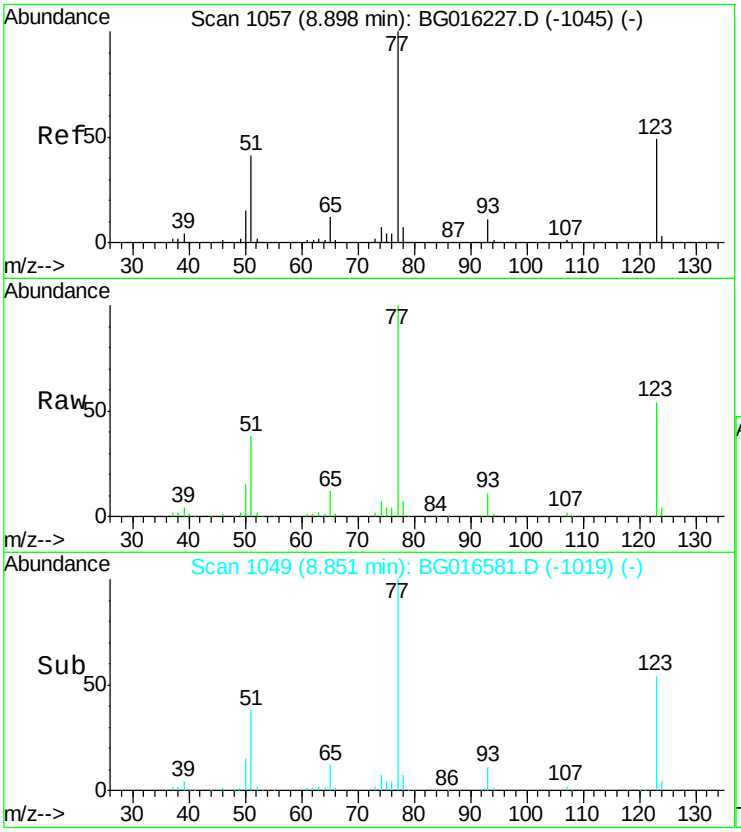


#23
Nitrobenzene-d5
Concen: 0.65 ng
RT: 8.80 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Tgt Ion: 82 Resp: 3071

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.8	56.8
54	30.9	32.6	49.0#



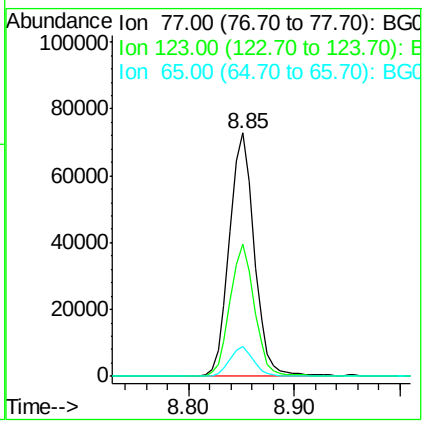


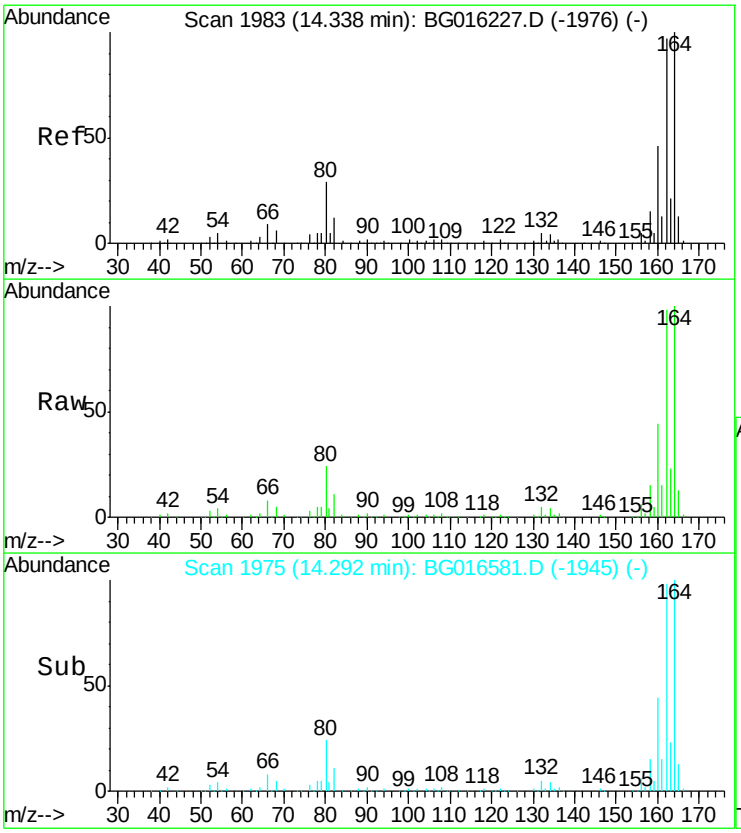
#24
Nitrobenzene
Concen: 23.41 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.03 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Instrument :
BNA_G
ClientSampleId :
EFFWWDL2

Tgt Ion: 77 Resp: 118711

Ion	Ratio	Lower	Upper
77	100		
123	54.3	38.8	58.2
65	12.3	9.4	14.2

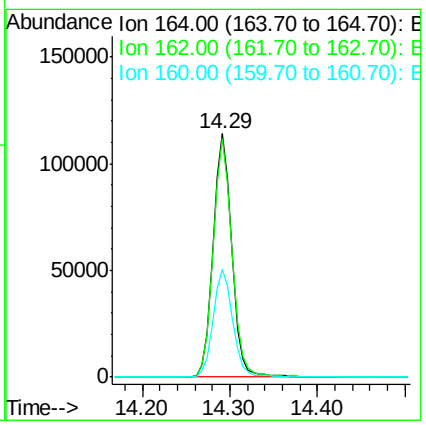


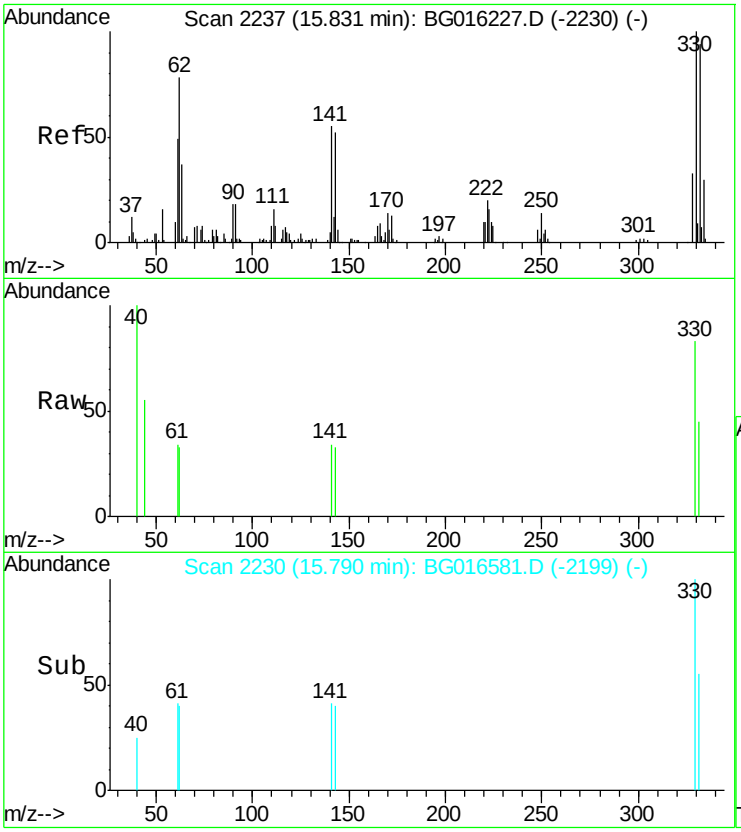


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Tgt Ion:164 Resp: 169656

Ion	Ratio	Lower	Upper
164	100		
162	98.1	77.3	115.9
160	44.1	36.7	55.1



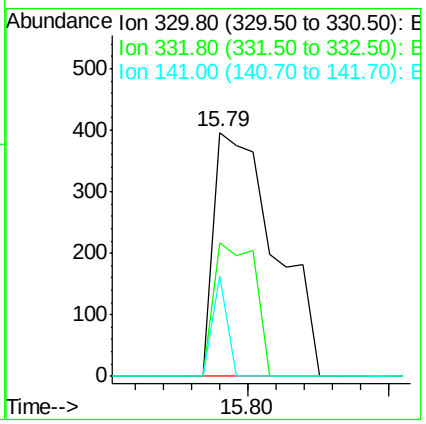


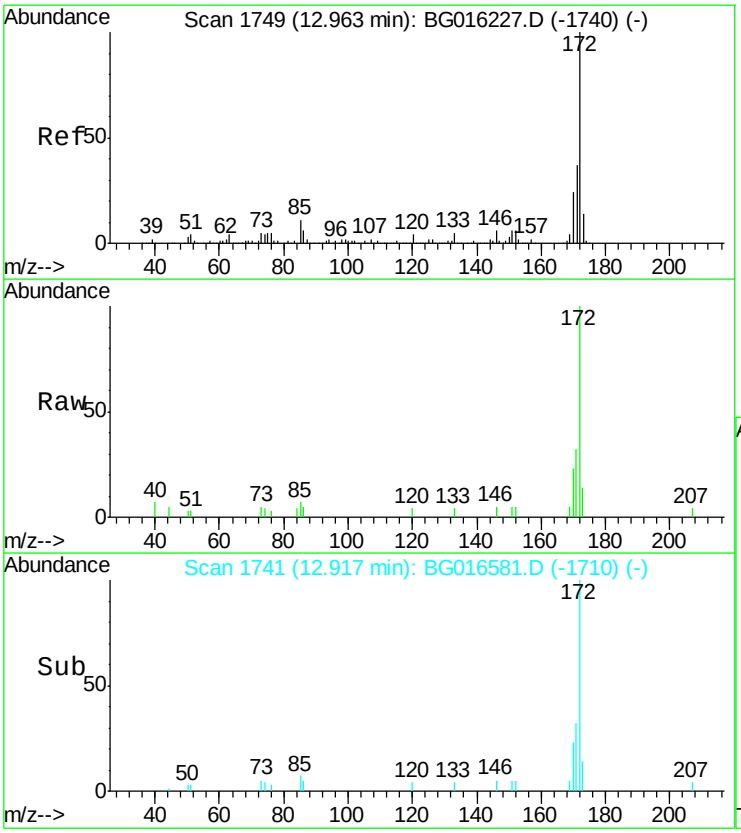
#41
2,4,6-Tribromophenol
Concen: 0.52 ng
RT: 15.79 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Instrument :
BNA_G
ClientSampleId :
EFFWWDL2

Tgt Ion:330 Resp: 597

Ion	Ratio	Lower	Upper
330	100		
332	36.5	75.8	113.6#
141	9.5	46.6	69.8#

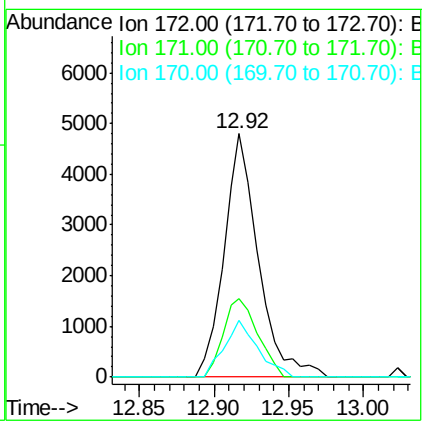


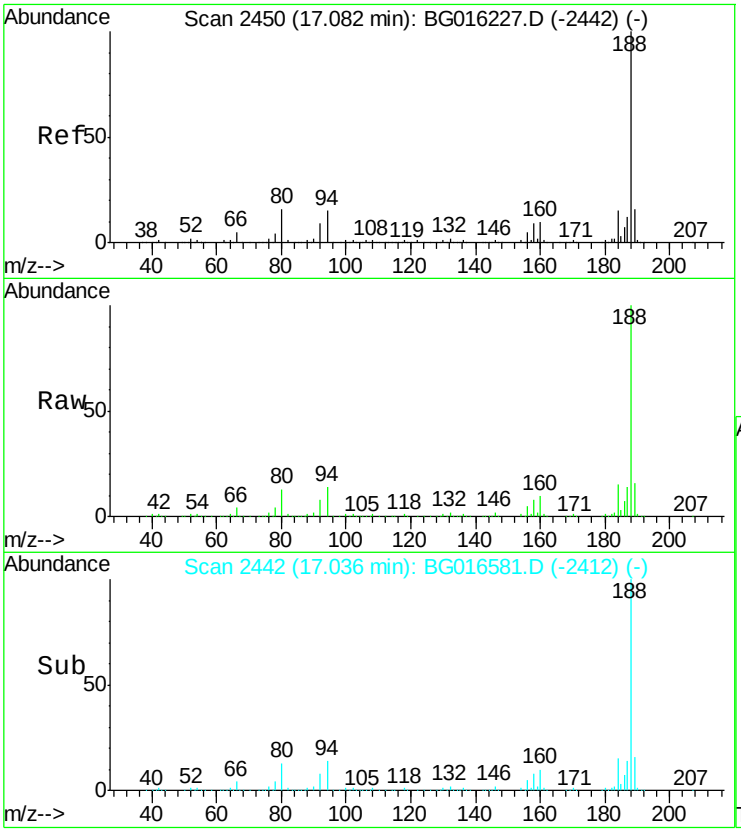


#44
2-Fluorobiphenyl
Concen: 0.77 ng
RT: 12.92 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Tgt Ion:172 Resp: 7691

Ion	Ratio	Lower	Upper
172	100		
171	32.1	29.6	44.4
170	23.1	19.4	29.2



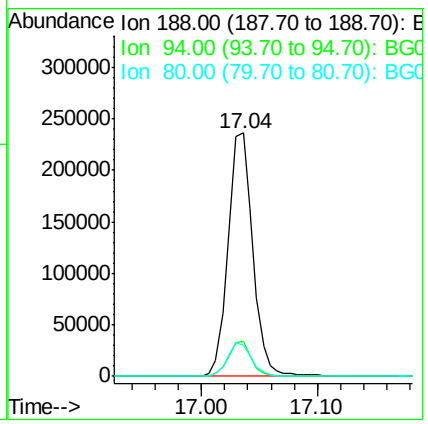


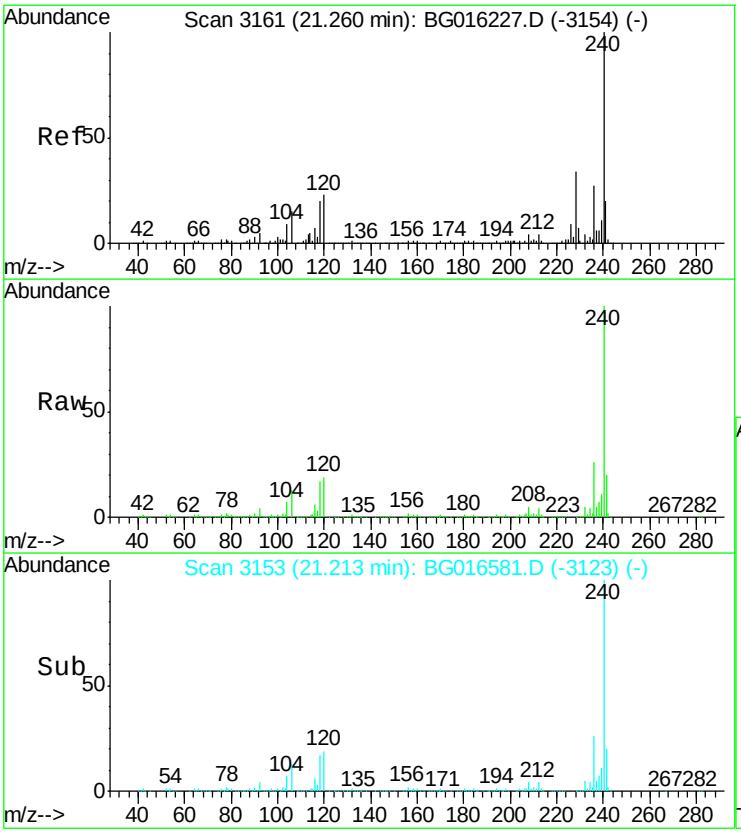
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.03 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Instrument :
BNA_G
ClientSampleId :
EFFWWDL2

Tgt Ion:188 Resp: 351229

Ion	Ratio	Lower	Upper
188	100		
94	14.1	12.2	18.4
80	12.9	12.8	19.2

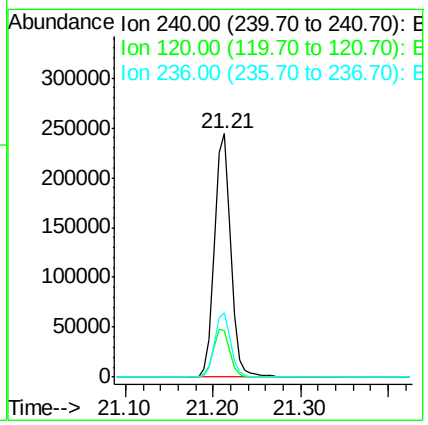


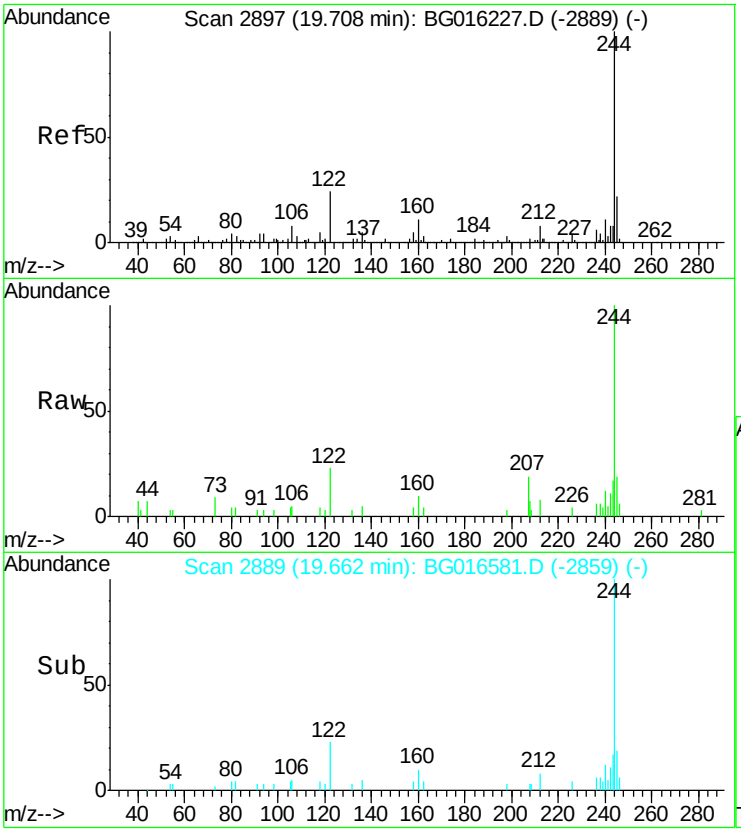


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.03 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Tgt Ion:240 Resp: 318898

Ion	Ratio	Lower	Upper
240	100		
120	19.3	18.6	28.0
236	26.3	21.7	32.5



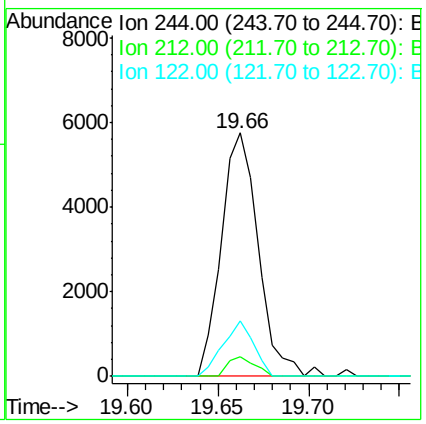


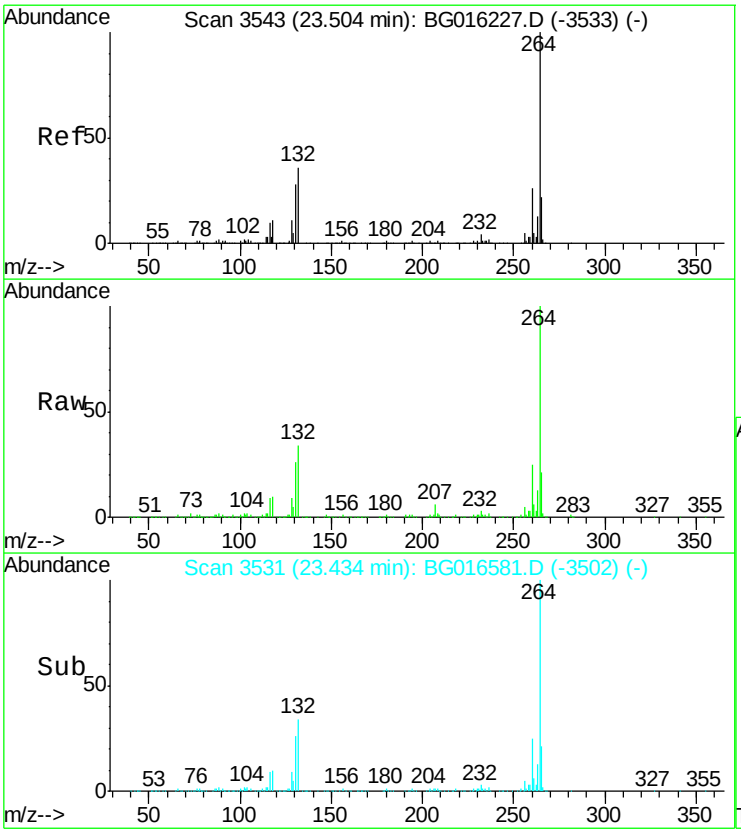
#78
Terphenyl-d14
Concen: 0.60 ng
RT: 19.66 min Scan# 2889
Delta R.T. -0.03 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Instrument :
BNA_G
ClientSampleId :
EFFWWDL2

Tgt Ion:244 Resp: 8169

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	22.8	19.1	28.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3531
Delta R.T. -0.03 min
Lab File: BG016581.D
Acq: 21 Apr 2015 11:05

Tgt Ion:264 Resp: 313688

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.4	30.6
265	21.4	17.2	25.8