Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016647.D
Acq On : 23 Apr 2015 9:34
Operator : TP/IZ
Sample : G1976-01DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0434DL

Quant Time: Apr 23 15:59:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	50411	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	253668	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	163390	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	346986	20.00	ng	0.00
75) Chrysene-d12	21.21	240	306508	20.00	ng	0.00
86) Perylene-d12	23.43	264	294875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	76955	24.47	ng	0.00
7) Phenol-d6	6.84	99	70127	15.96	ng	0.00
23) Nitrobenzene-d5	8.79	82	156815	38.06	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	65712	59.21	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	370230	37.53	ng	0.00
78) Terphenyl-d14	19.66	244	384709	30.24	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.62	122	10319	2.56	ng	98
31) Naphthalene	10.47	128	686013	51.81	ng	99
37) 2-Methylnaphthalene	12.09	142	218371	23.03	ng	99

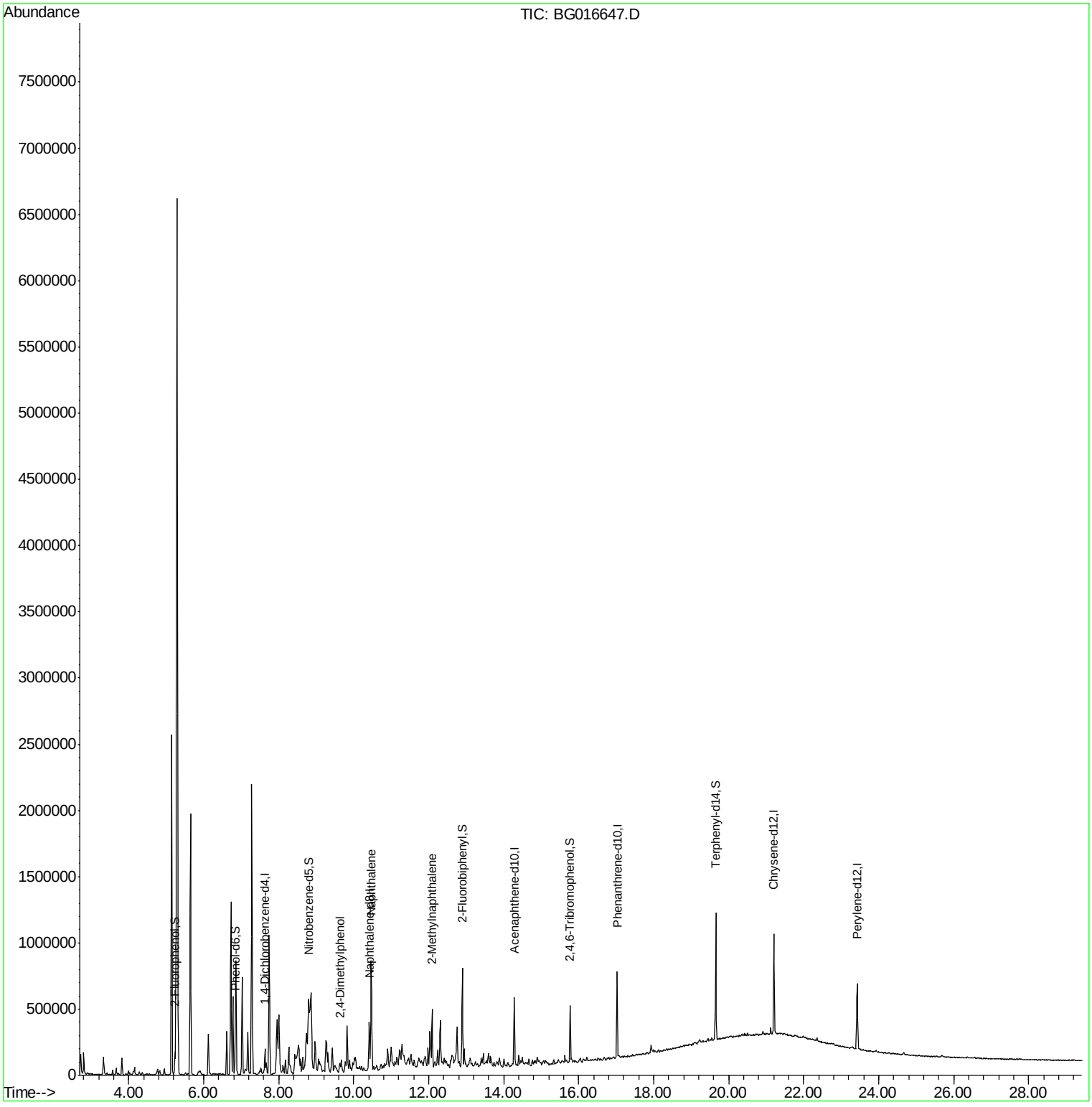
(#) = qualifier out of range (m) = manual integration (+) = signals summed

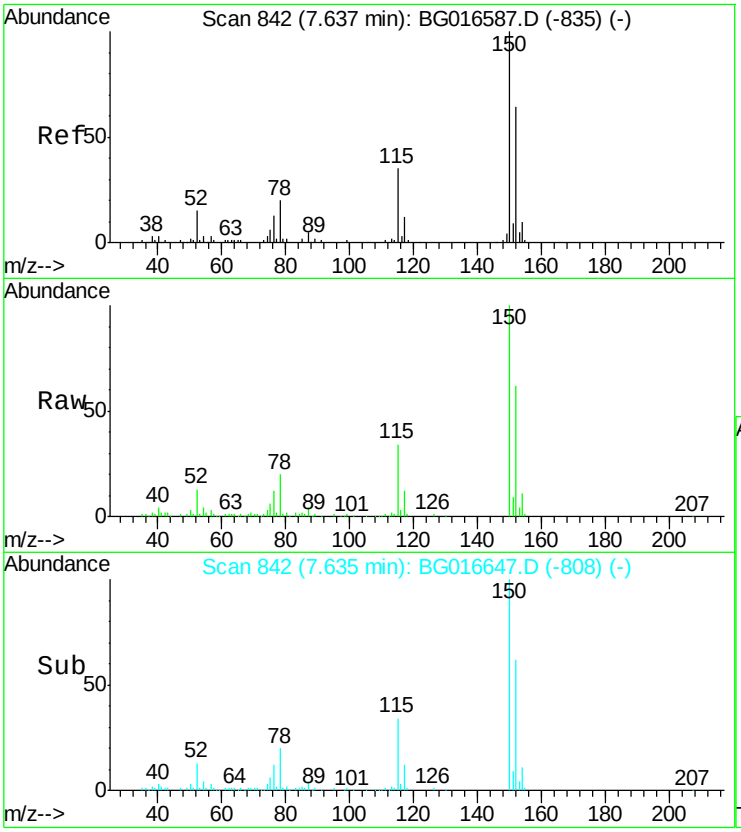
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016647.D
Acq On : 23 Apr 2015 9:34
Operator : TP/IZ
Sample : G1976-01DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0434DL

Quant Time: Apr 23 15:59:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration



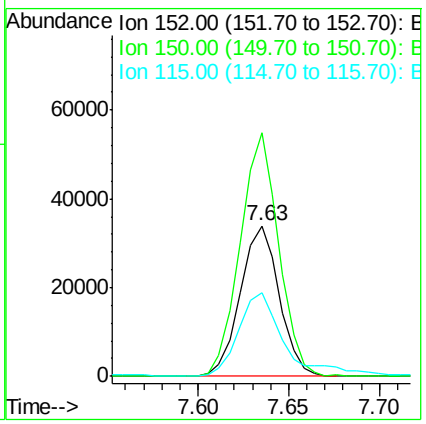


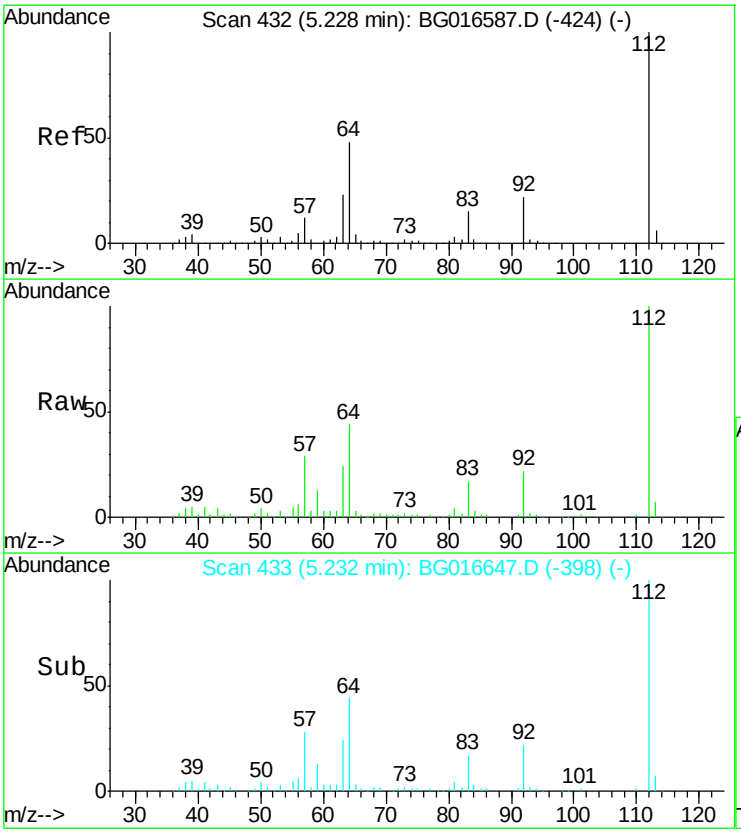
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Instrument :
BNA_G
ClientSampleId :
S8-0434DL

Tgt Ion:152 Resp: 50411

Ion	Ratio	Lower	Upper
152	100		
150	162.0	125.5	188.3
115	55.6	44.5	66.7

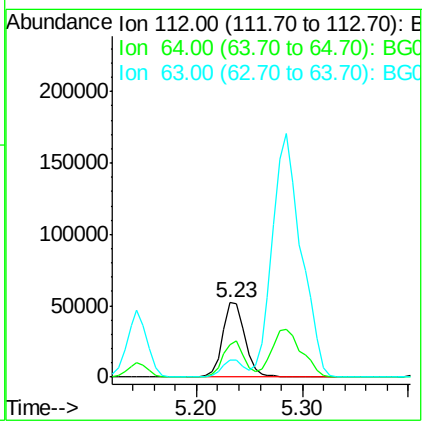


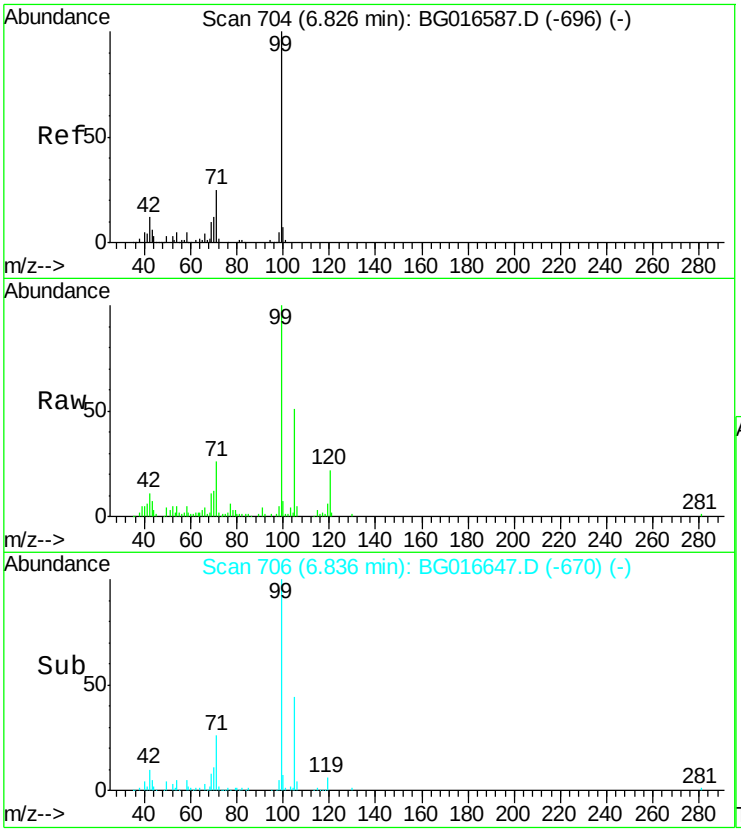


#5
2-Fluorophenol
Concen: 24.47 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Tgt Ion:112 Resp: 76955

Ion	Ratio	Lower	Upper
112	100		
64	44.3	38.5	57.7
63	23.7	18.2	27.4



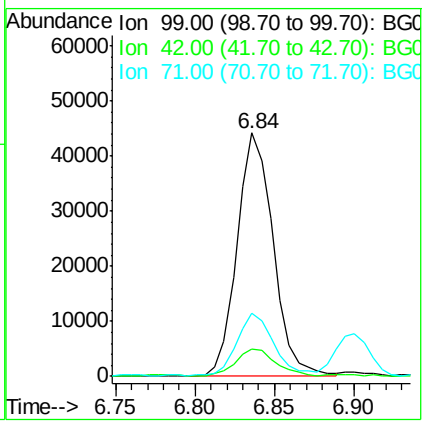


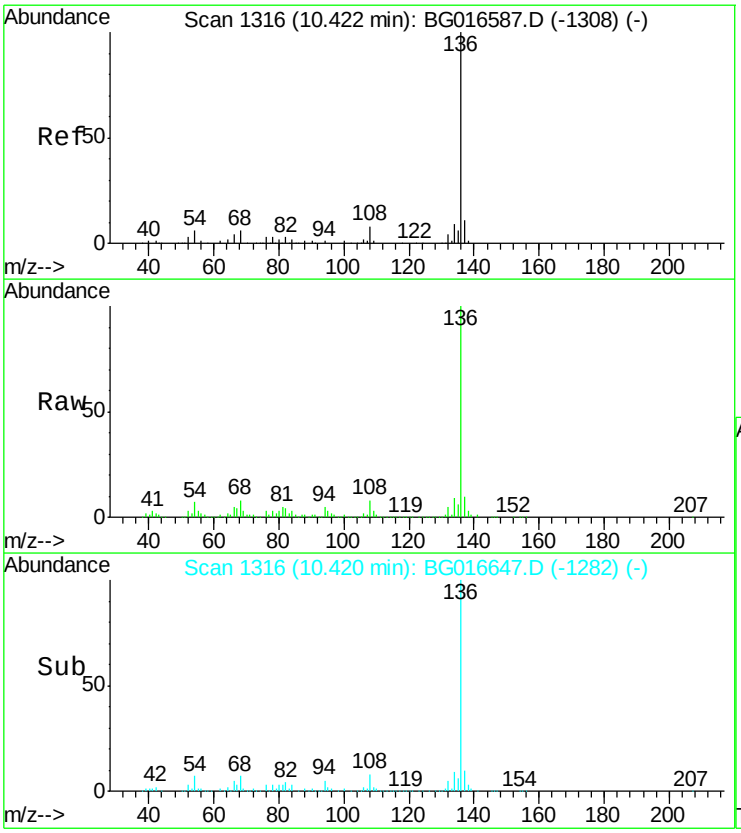
#7
Phenol-d6
Concen: 15.96 ng
RT: 6.84 min Scan# 706
Delta R.T. 0.01 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Instrument :
BNA_G
ClientSampleId :
S8-0434DL

Tgt Ion: 99 Resp: 70127

Ion	Ratio	Lower	Upper
99	100		
42	11.0	9.5	14.3
71	26.2	20.2	30.2

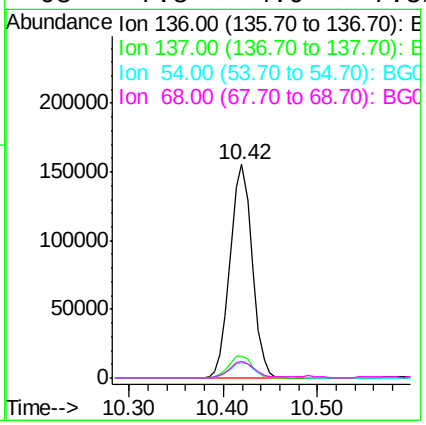


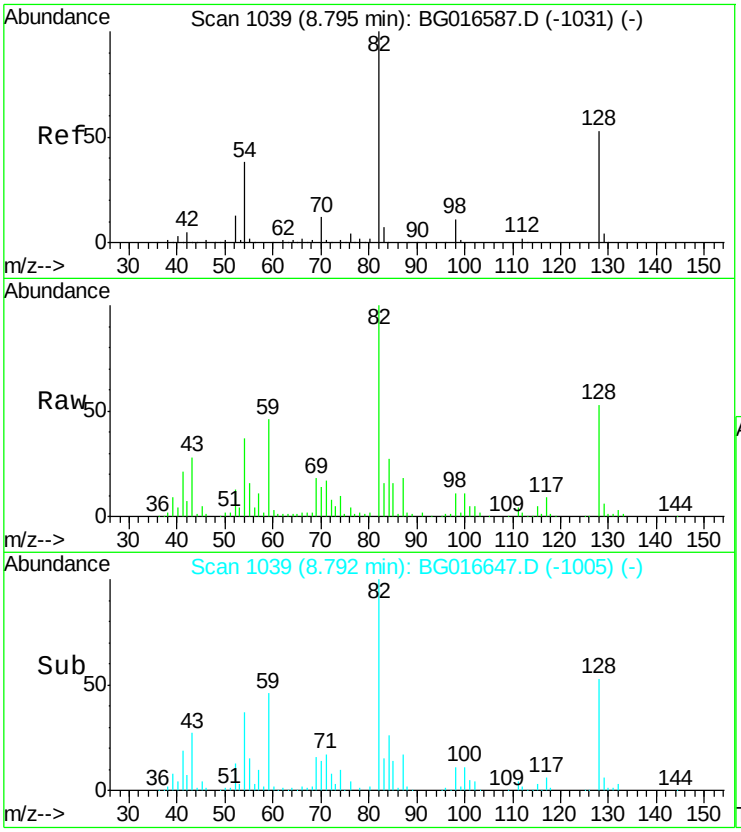


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Tgt Ion:136 Resp: 253668

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	7.4	4.9	7.3#
68	7.8	4.9	7.3#



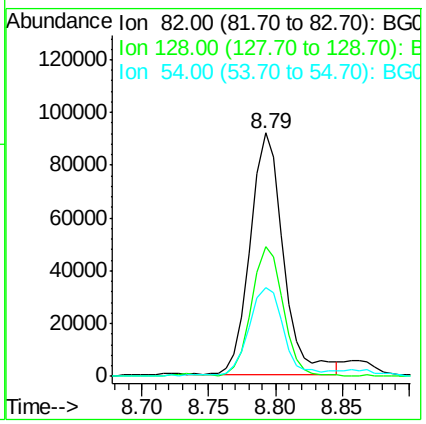


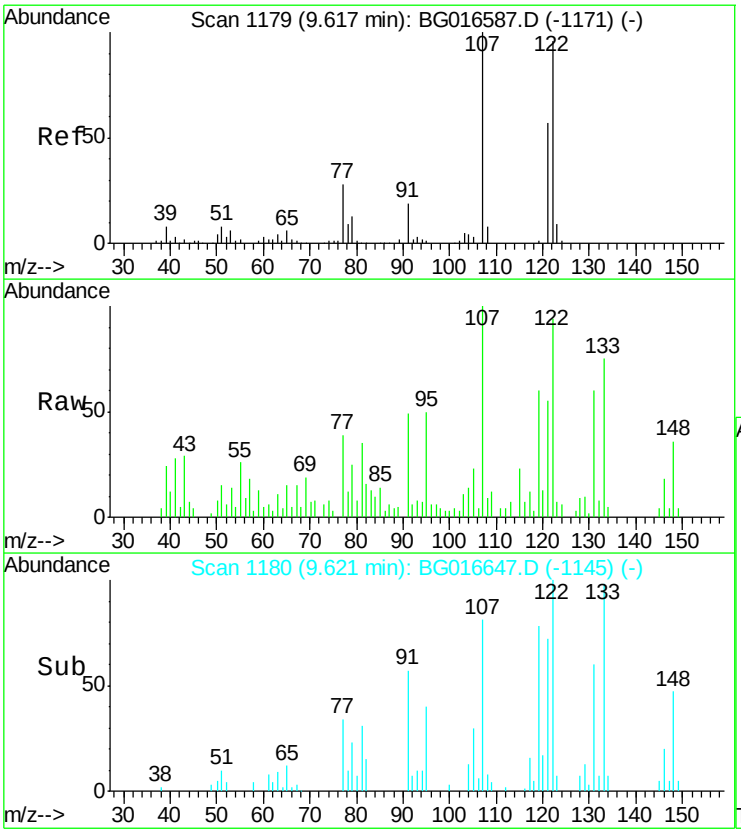
#23
Nitrobenzene-d5
Concen: 38.06 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Instrument :
BNA_G
ClientSampleId :
S8-0434DL

Tgt Ion: 82 Resp: 156815

Ion	Ratio	Lower	Upper
82	100		
128	53.0	42.7	64.1
54	36.7	30.6	45.8

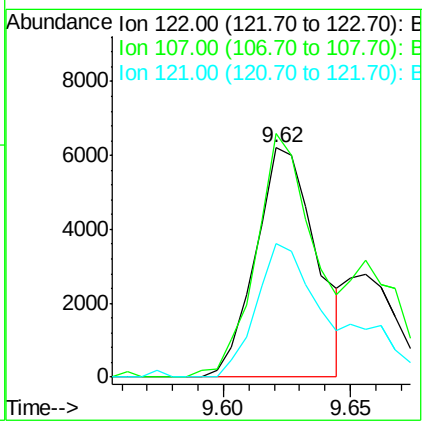


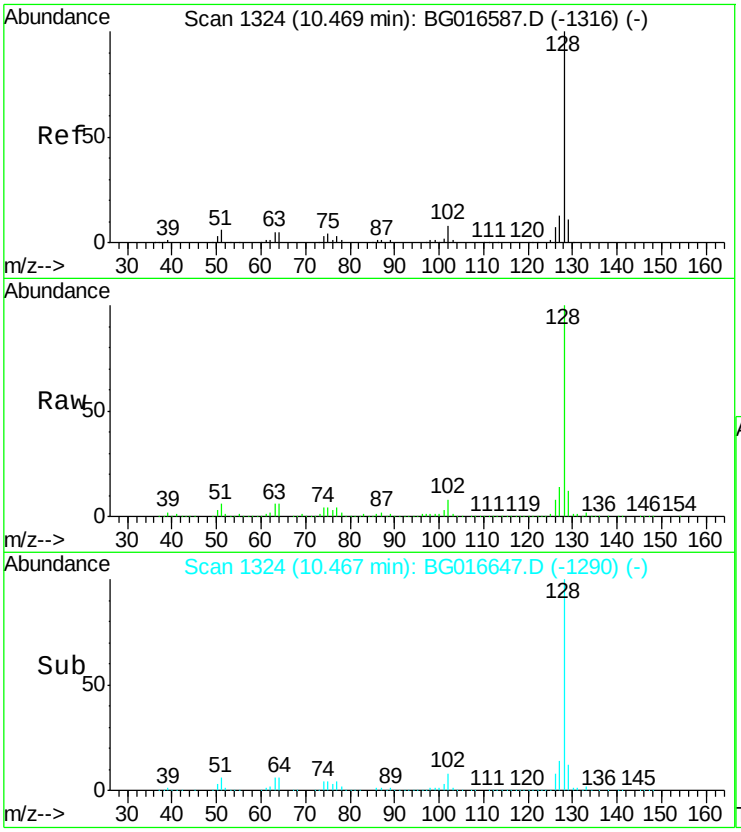


#27
2,4-Dimethylphenol
Concen: 2.56 ng
RT: 9.62 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Tgt Ion:122 Resp: 10319

Ion	Ratio	Lower	Upper
122	100		
107	106.3	82.9	124.3
121	58.2	47.0	70.4



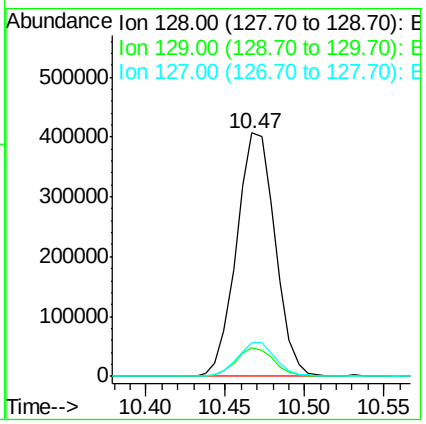


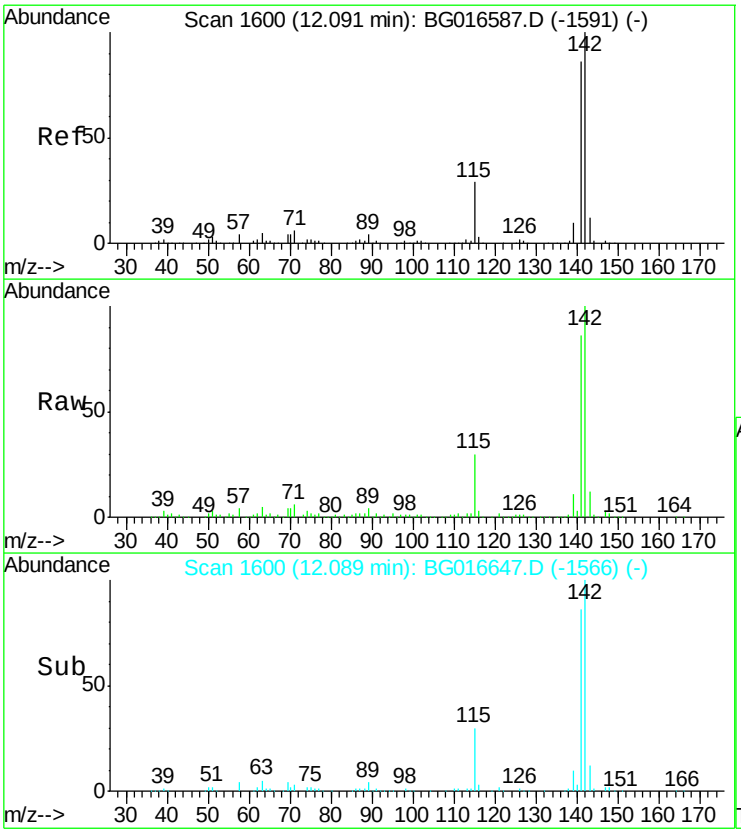
#31
Naphthalene
Concen: 51.81 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Instrument :
BNA_G
ClientSampleId :
S8-0434DL

Tgt Ion:128 Resp: 686013

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	13.7	10.6	16.0

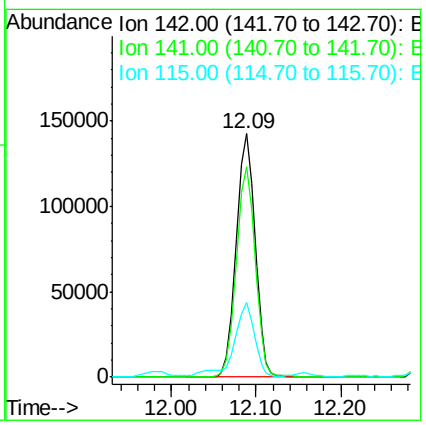


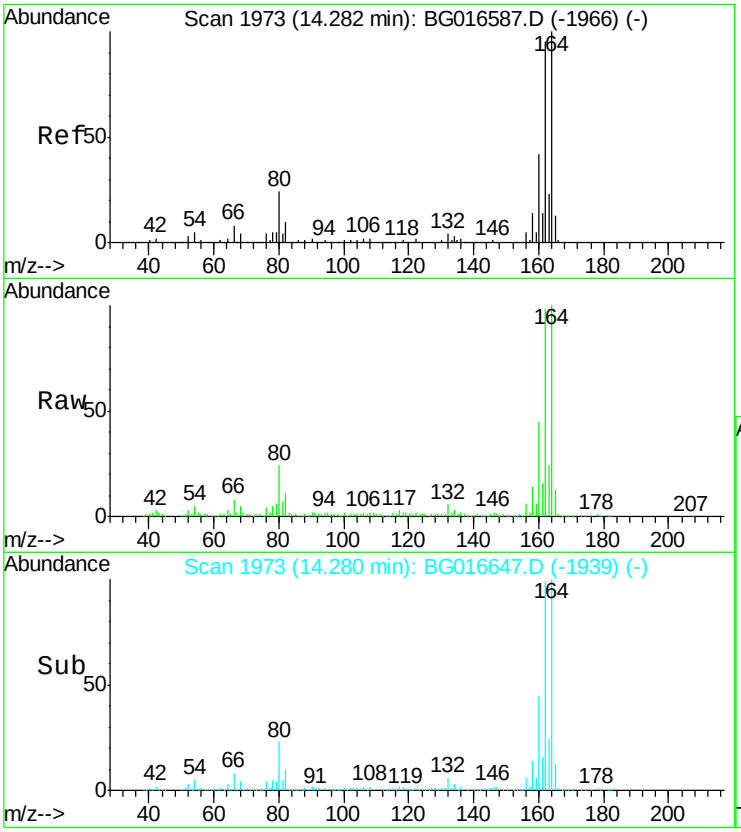


#37
2-Methylnaphthalene
Concen: 23.03 ng
RT: 12.09 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Tgt Ion:142 Resp: 218371

Ion	Ratio	Lower	Upper
142	100		
141	86.5	68.6	102.8
115	30.5	23.3	34.9



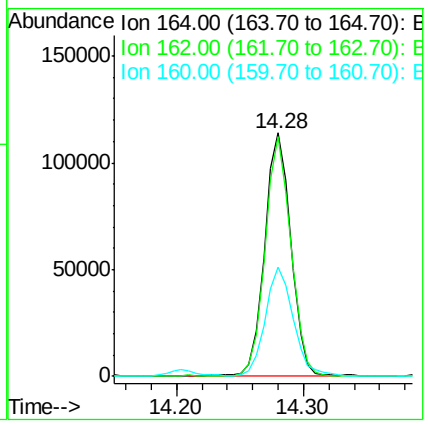


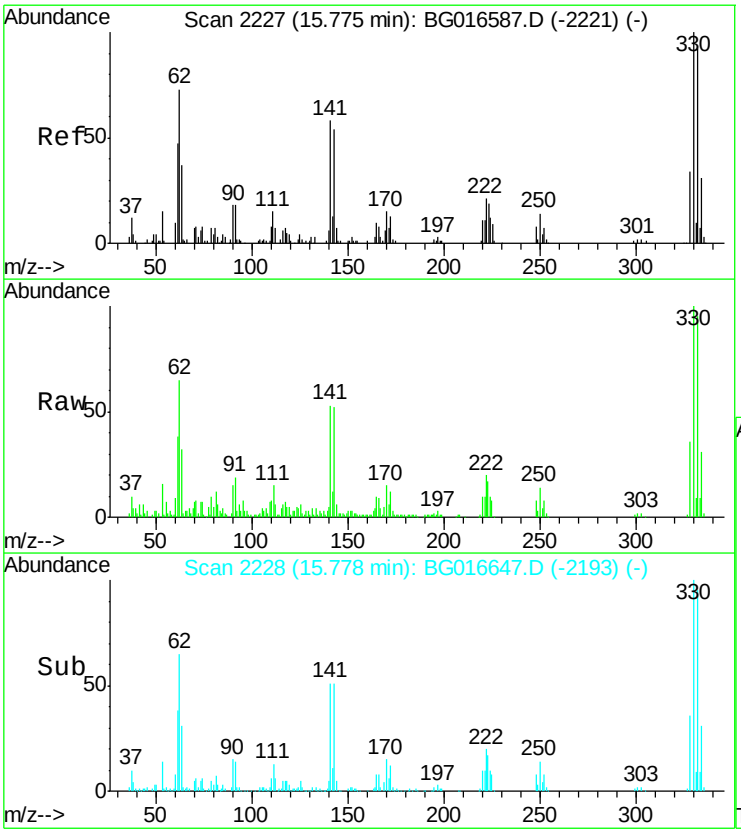
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Instrument :
BNA_G
ClientSampleId :
S8-0434DL

Tgt Ion:164 Resp: 163390

Ion	Ratio	Lower	Upper
164	100		
162	98.4	75.8	113.6
160	45.1	33.8	50.6

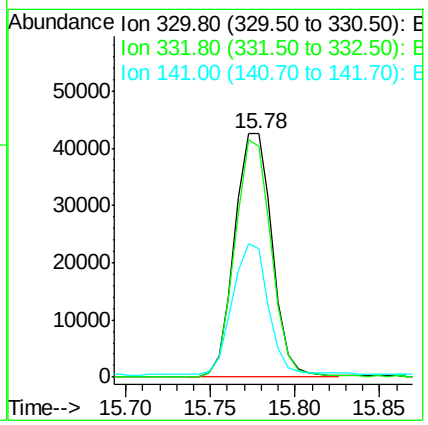


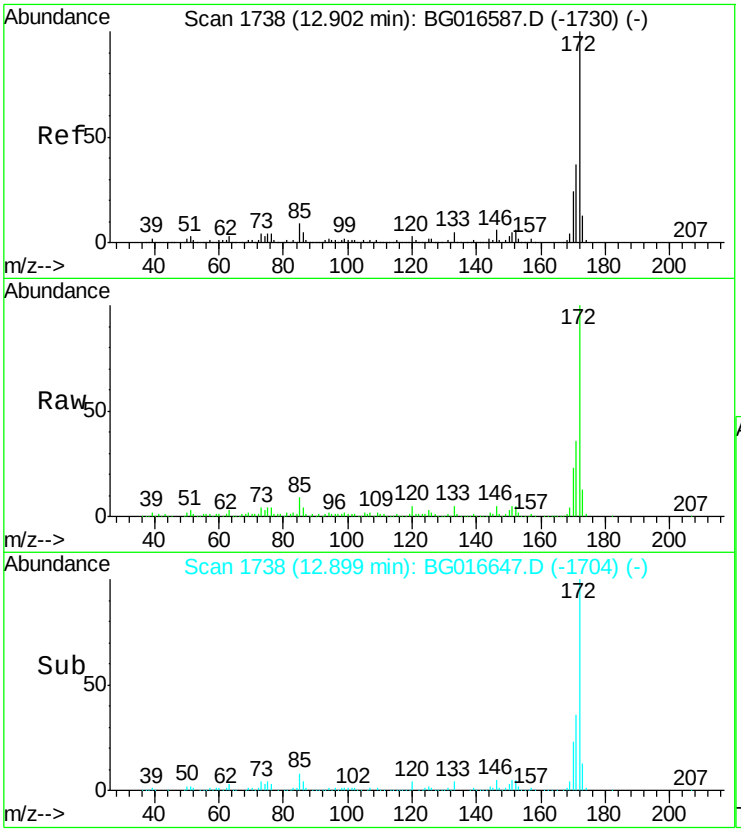


#41
2,4,6-Tribromophenol
Concen: 59.21 ng
RT: 15.78 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Tgt Ion:330 Resp: 65712

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	51.3	45.9	68.9



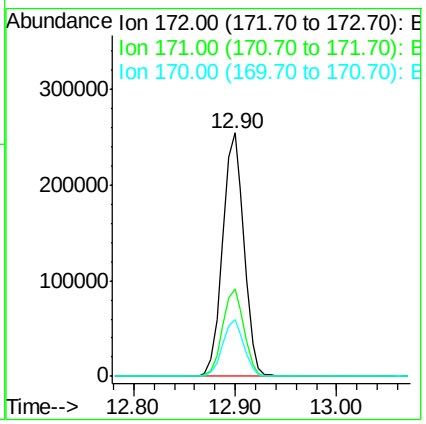


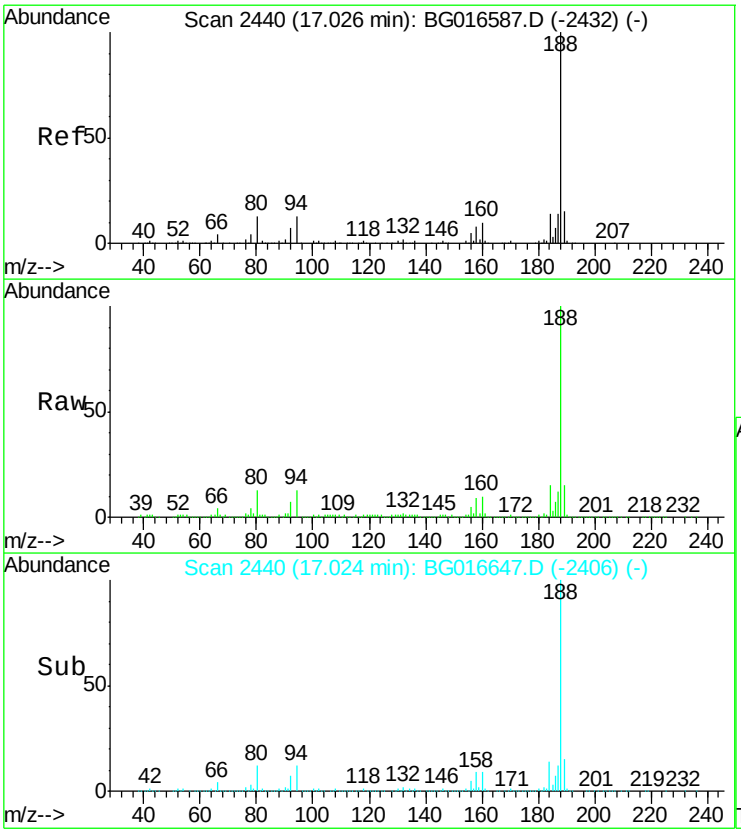
#44
2-Fluorobiphenyl
Concen: 37.53 ng
RT: 12.90 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Instrument :
BNA_G
ClientSampleId :
S8-0434DL

Tgt Ion:172 Resp: 370230

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.3	19.4	29.0

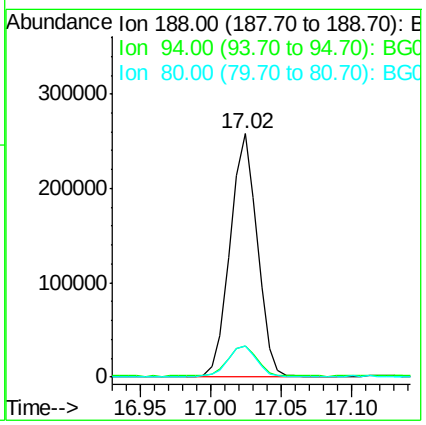


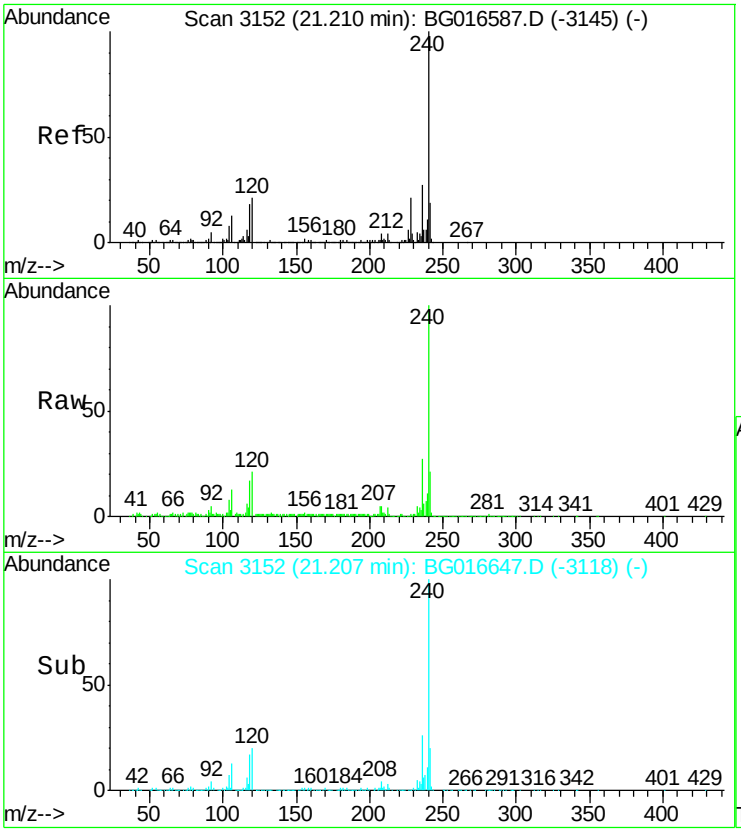


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Tgt Ion:188 Resp: 346986

Ion	Ratio	Lower	Upper
188	100		
94	13.0	10.5	15.7
80	12.7	10.6	16.0



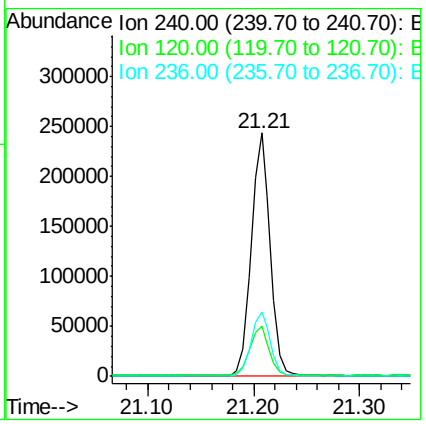


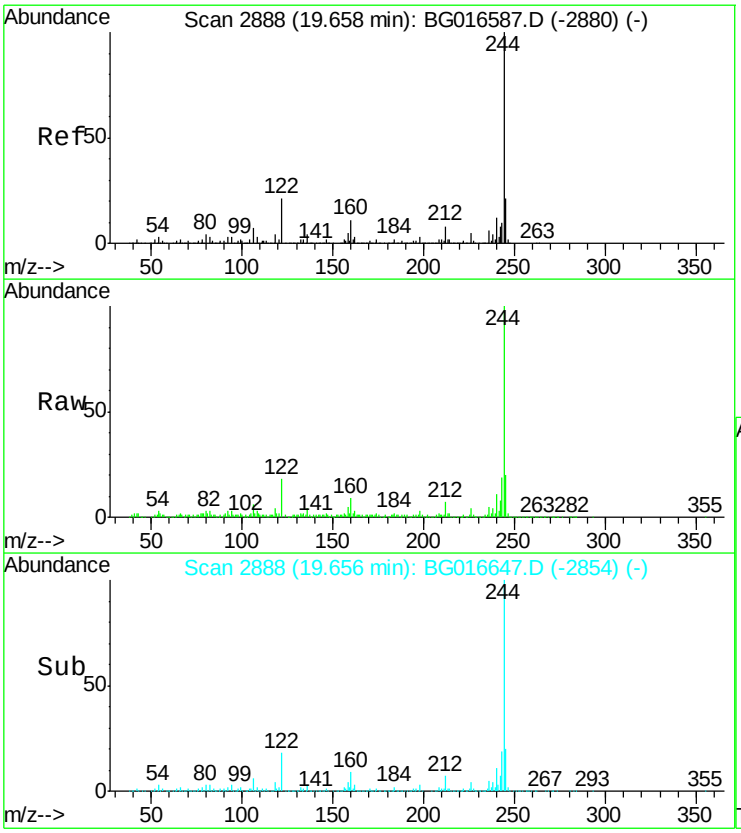
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Instrument :
BNA_G
ClientSampleId :
S8-0434DL

Tgt Ion:240 Resp: 306508

Ion	Ratio	Lower	Upper
240	100		
120	20.6	16.7	25.1
236	26.6	21.7	32.5

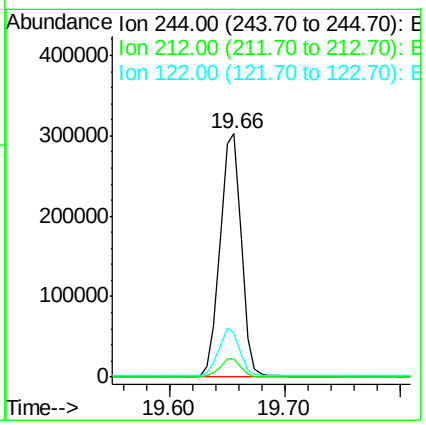


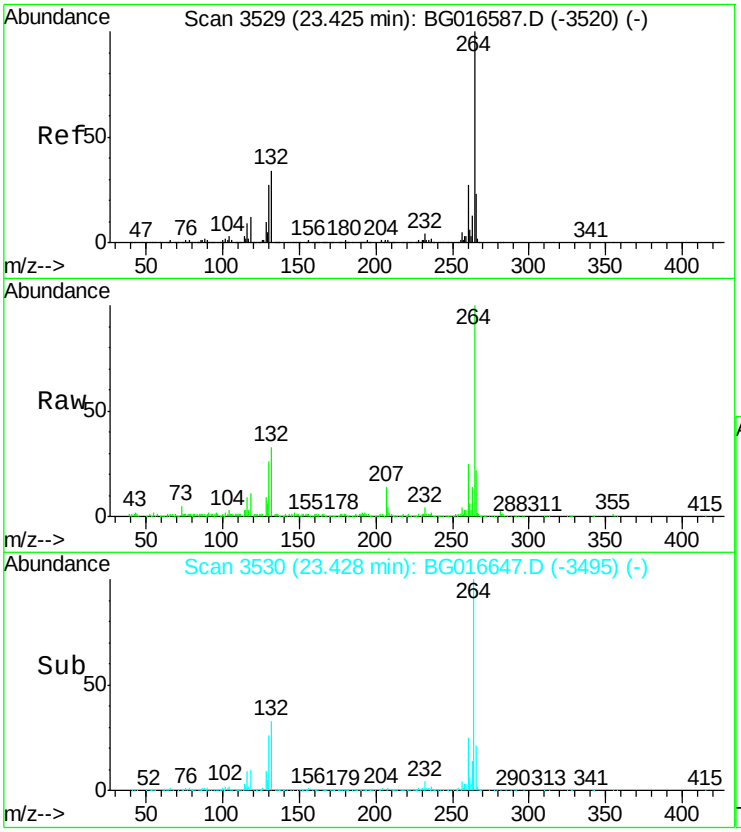


#78
Terphenyl-d14
Concen: 30.24 ng
RT: 19.66 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Tgt Ion:244 Resp: 384709

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.8	10.2
122	18.2	17.0	25.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3530
Delta R.T. 0.00 min
Lab File: BG016647.D
Acq: 23 Apr 2015 9:34

Instrument :
BNA_G
ClientSampleId :
S8-0434DL

Tgt Ion:264 Resp: 294875

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.4	32.2
265	21.9	18.7	28.1