Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
Data File : BG016556.D
Acq On : 20 Apr 2015 18:06
Operator : TP/IZ
Sample : G1898-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-44

Quant Time: Apr 21 02:09:31 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	66505	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	291421	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	171428	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	353952	20.00	ng	0.00
75) Chrysene-d12	21.21	240	308285	20.00	ng	0.00
86) Perylene-d12	23.43	264	285121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	221348	52.53	ng	0.00
7) Phenol-d6	6.84	99	188928	29.87	ng	0.00
23) Nitrobenzene-d5	8.81	82	397992	79.11	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	177422	153.04	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	910227	90.40	ng	0.00
78) Terphenyl-d14	19.66	244	1084480	82.33	ng	0.00
Target Compounds						Qvalue

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

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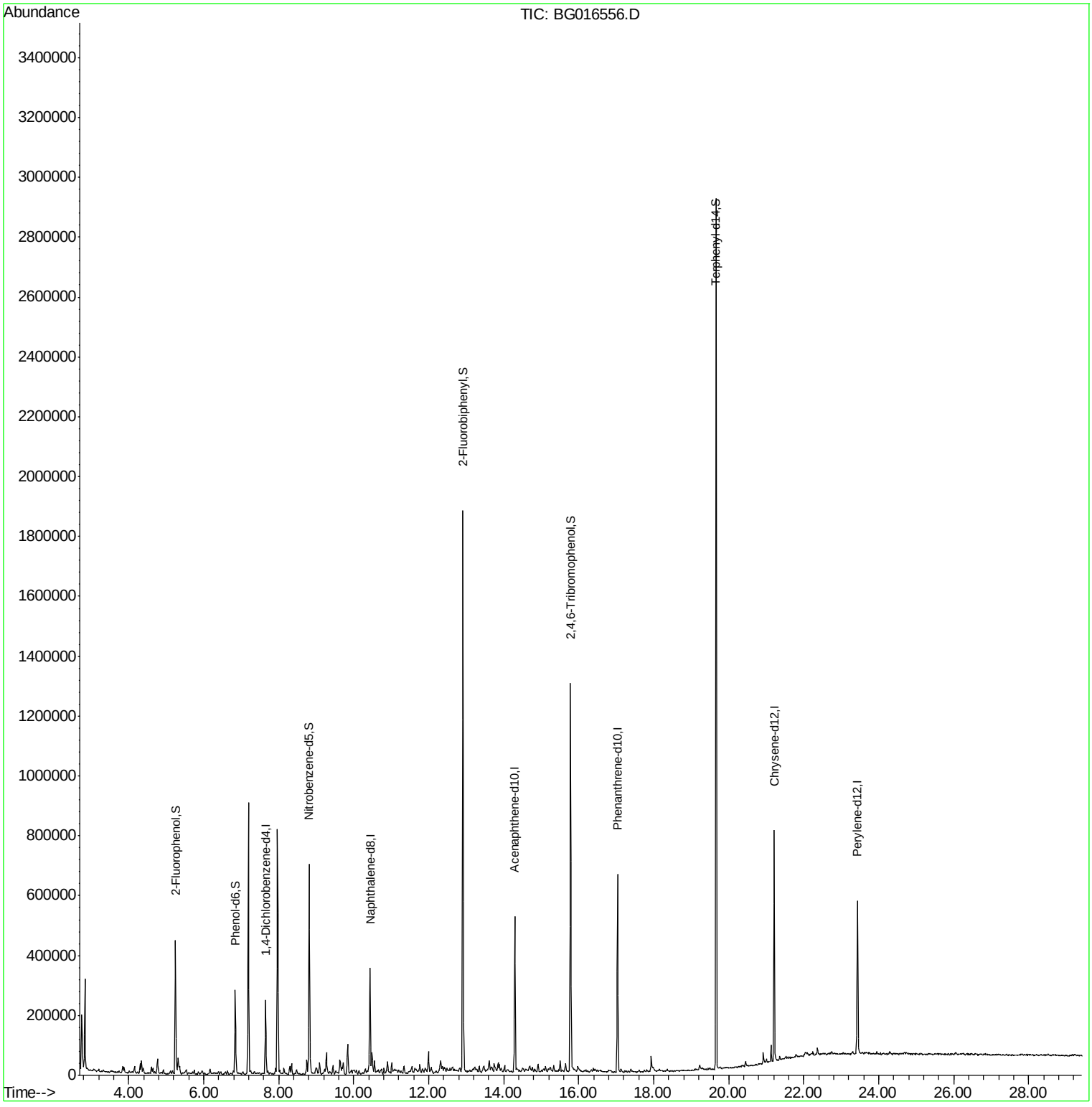
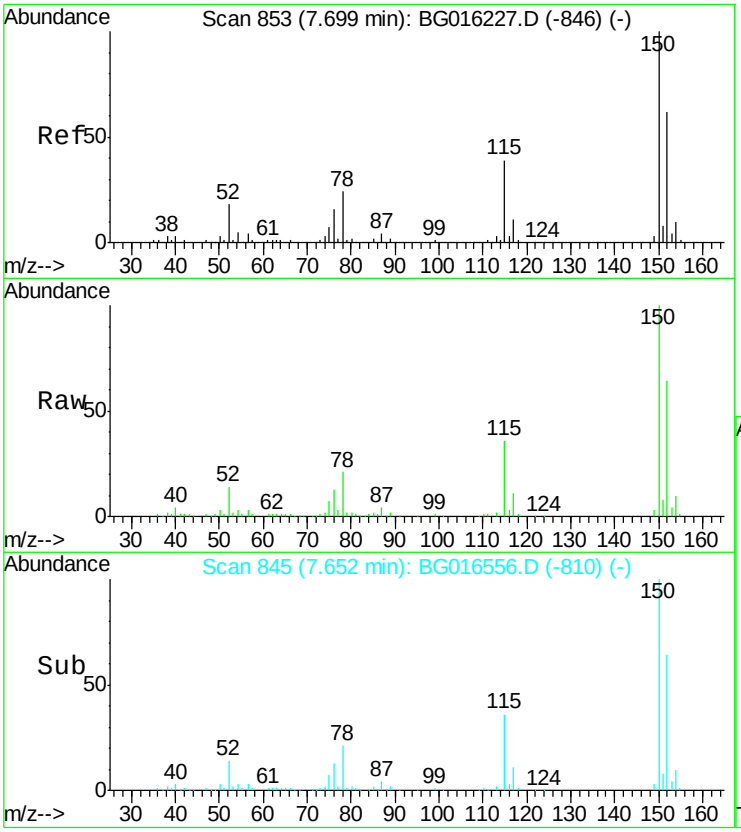


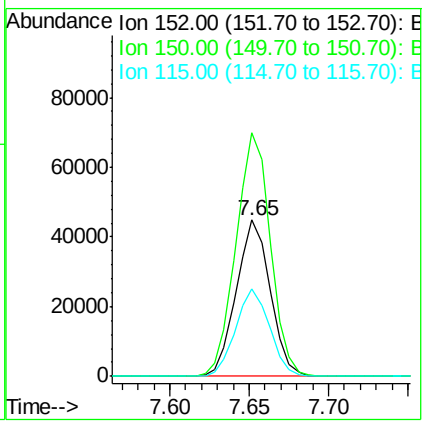


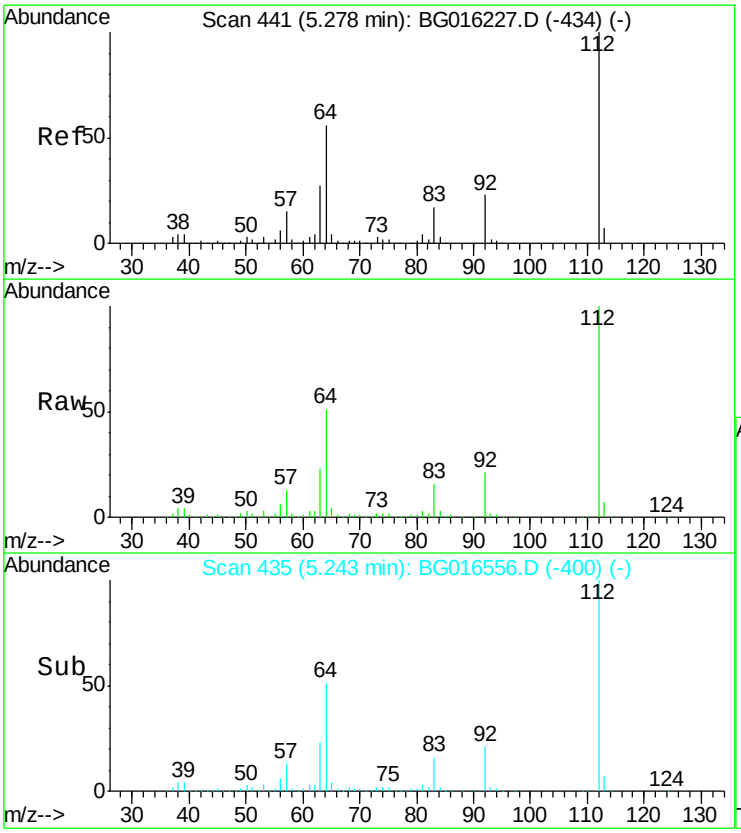
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Instrument :
BNA_G
ClientSampleId :
MW-44

Tgt Ion:152 Resp: 66505

Ion	Ratio	Lower	Upper
152	100		
150	155.9	130.1	195.1
115	55.9	50.5	75.7

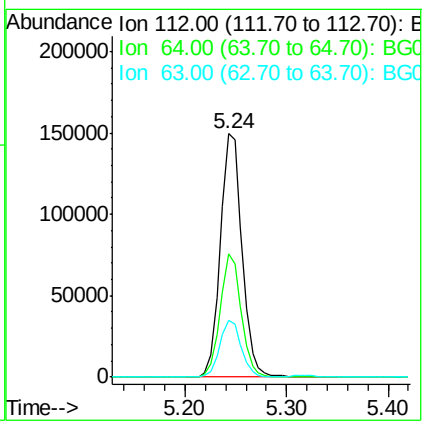


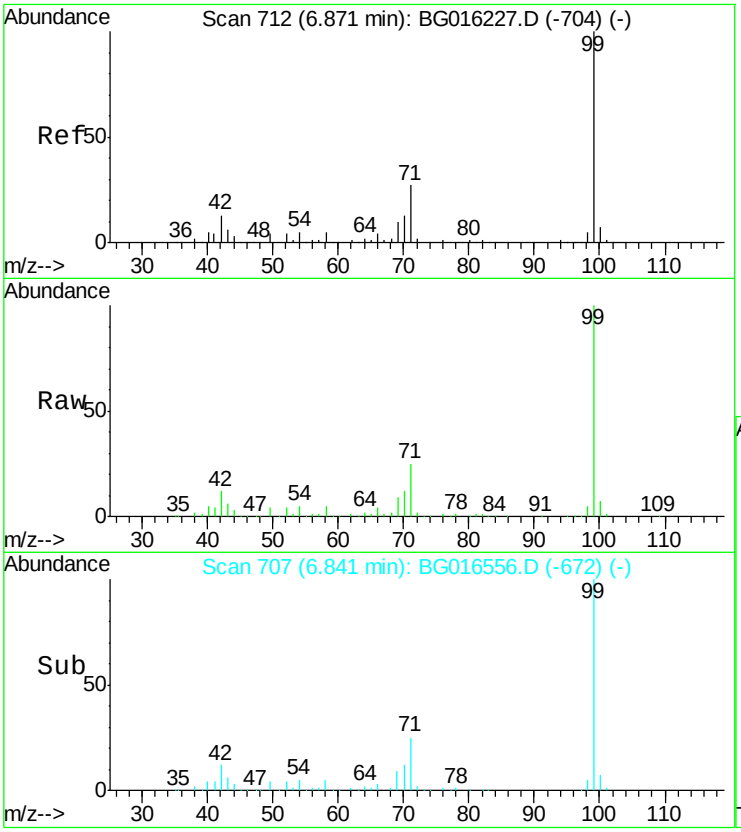


#5
2-Fluorophenol
Concen: 52.53 ng
RT: 5.24 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Tgt Ion:112 Resp: 221348

Ion	Ratio	Lower	Upper
112	100		
64	50.7	44.5	66.7
63	23.4	21.4	32.0



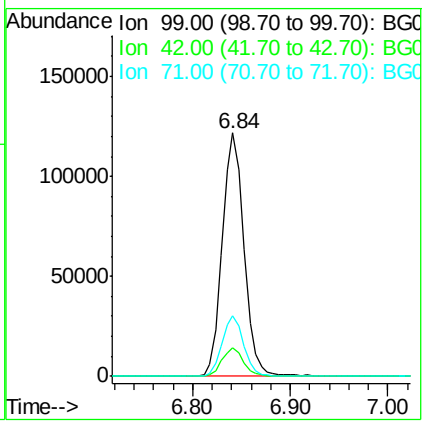


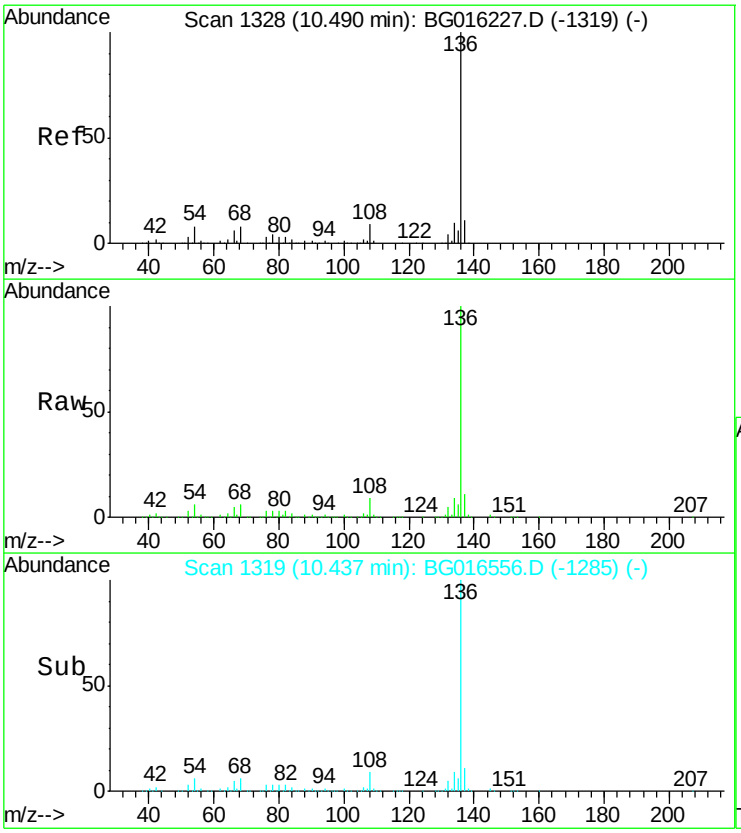
#7
Phenol-d6
Concen: 29.87 ng
RT: 6.84 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Instrument :
BNA_G
ClientSampleId :
MW-44

Tgt Ion: 99 Resp: 188928

Ion	Ratio	Lower	Upper
99	100		
42	11.8	10.0	15.0
71	25.1	21.5	32.3

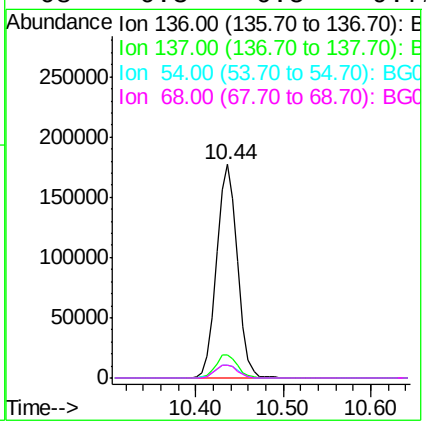


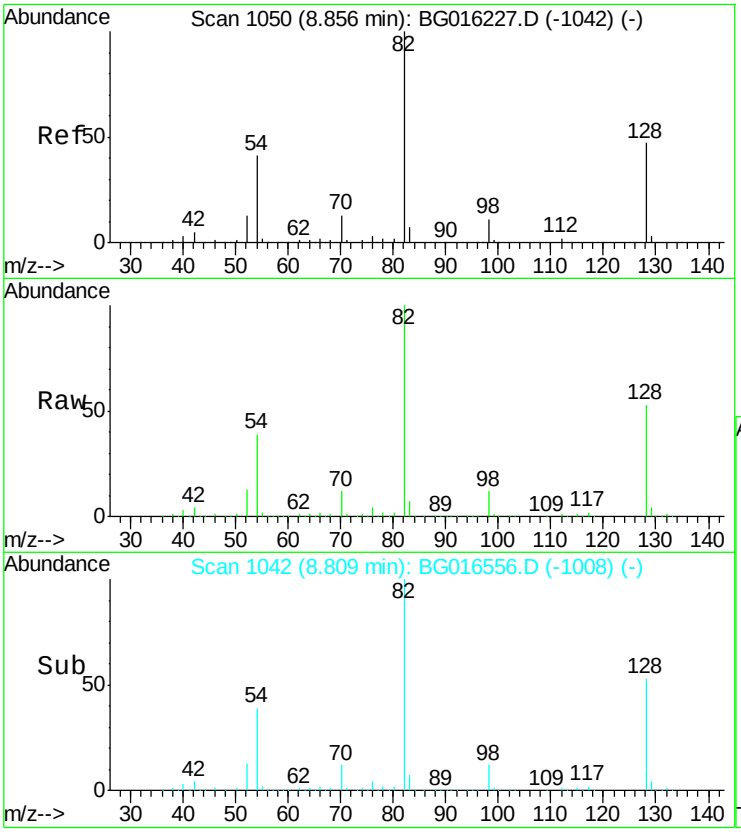


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Tgt Ion:136 Resp: 291421

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.0	6.3	9.5#
68	6.3	6.5	9.7#



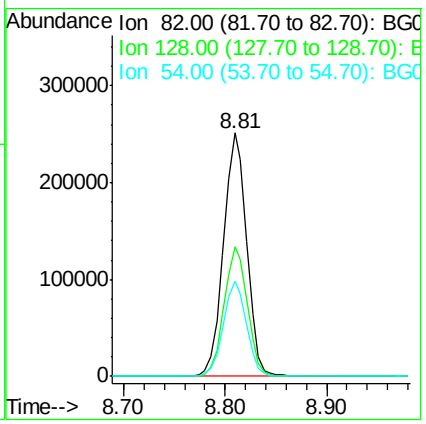


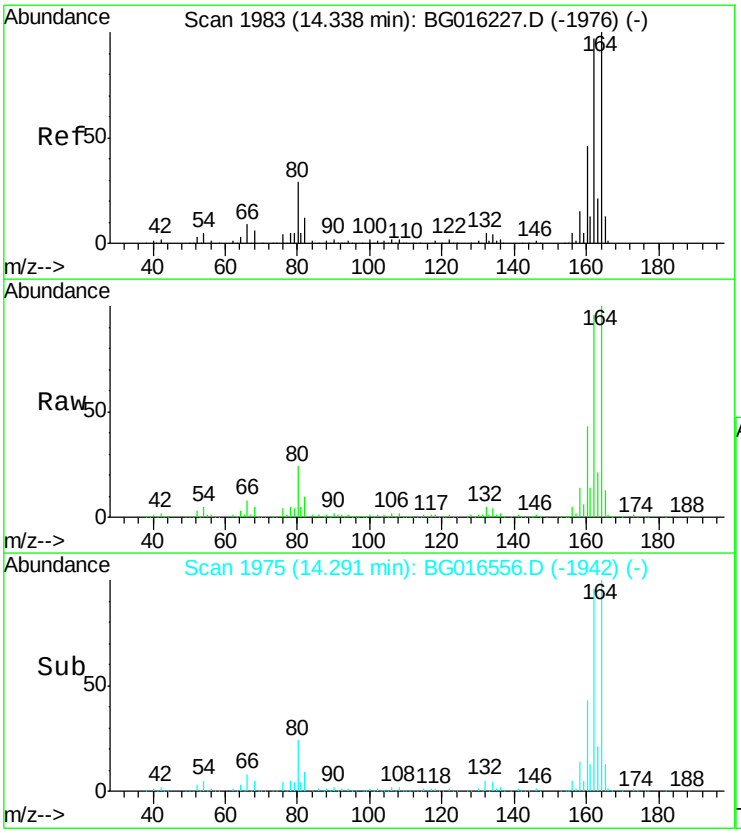
#23
Nitrobenzene-d5
Concen: 79.11 ng
RT: 8.81 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Instrument :
BNA_G
ClientSampleId :
MW-44

Tgt Ion: 82 Resp: 397992

Ion	Ratio	Lower	Upper
82	100		
128	53.5	37.8	56.8
54	39.2	32.6	49.0

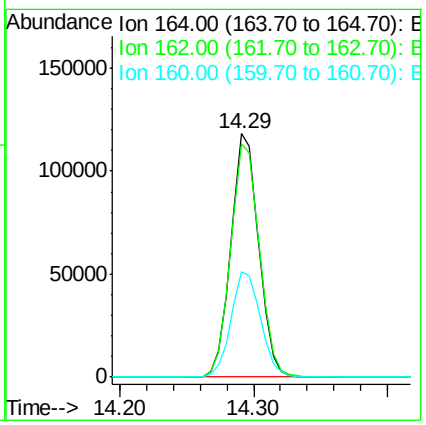


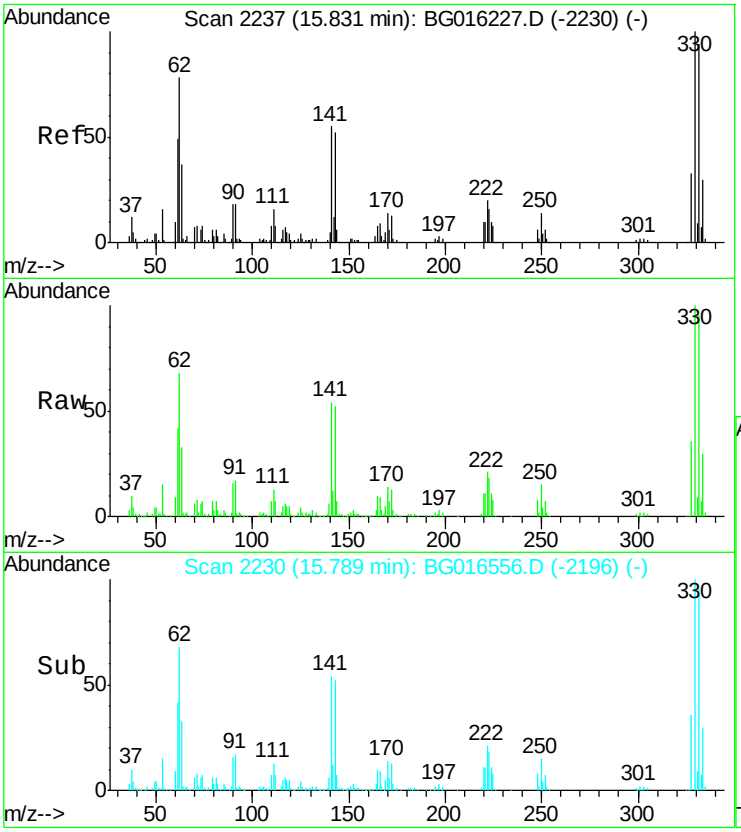


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Tgt Ion:164 Resp: 171428

Ion	Ratio	Lower	Upper
164	100		
162	96.0	77.3	115.9
160	43.4	36.7	55.1



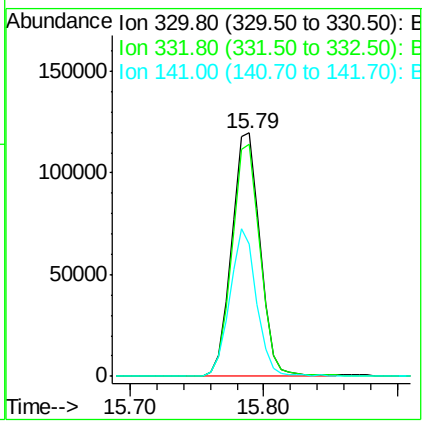


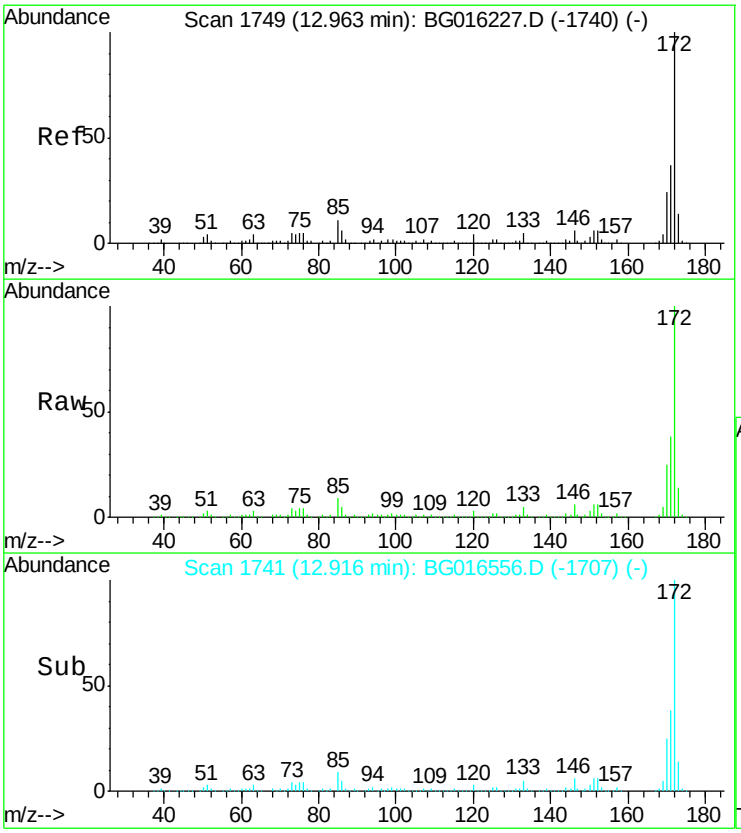
#41
2,4,6-Tribromophenol
Concen: 153.04 ng
RT: 15.79 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Instrument :
BNA_G
ClientSampleId :
MW-44

Tgt Ion:330 Resp: 177422

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.8	113.6
141	57.2	46.6	69.8

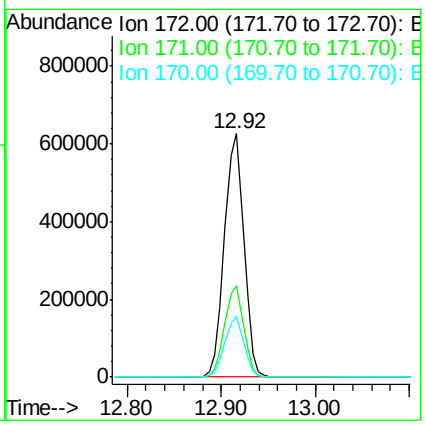


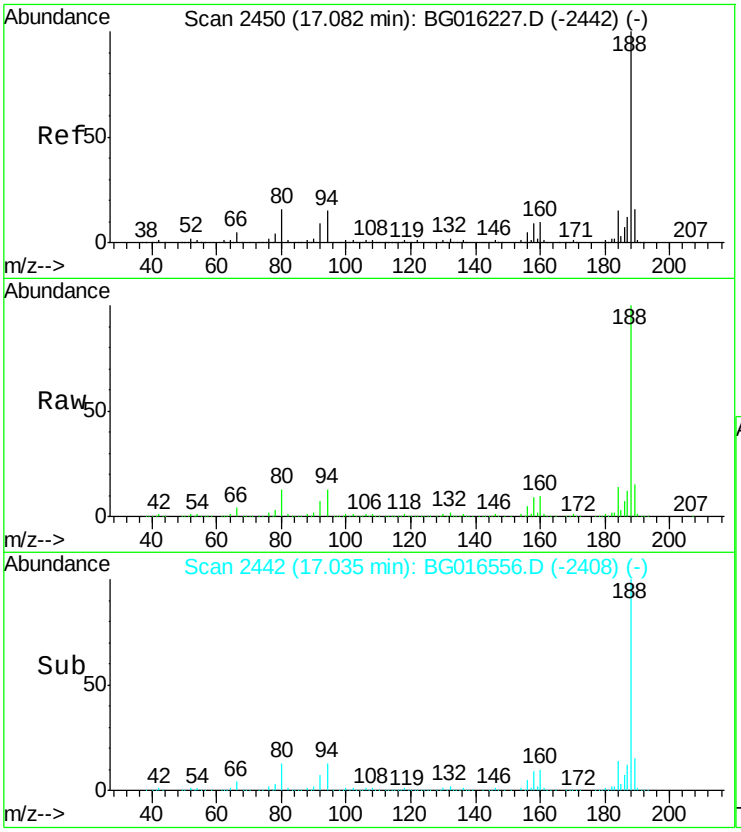


#44
2-Fluorobiphenyl
Concen: 90.40 ng
RT: 12.92 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Tgt Ion:172 Resp: 910227

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	24.7	19.4	29.2



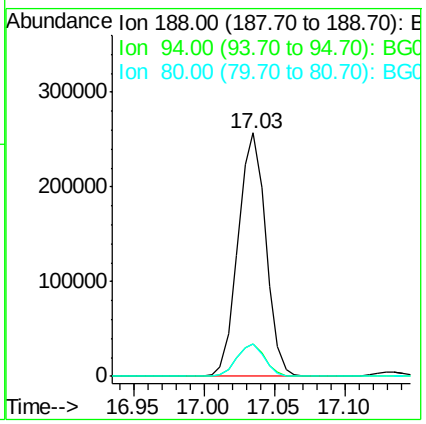


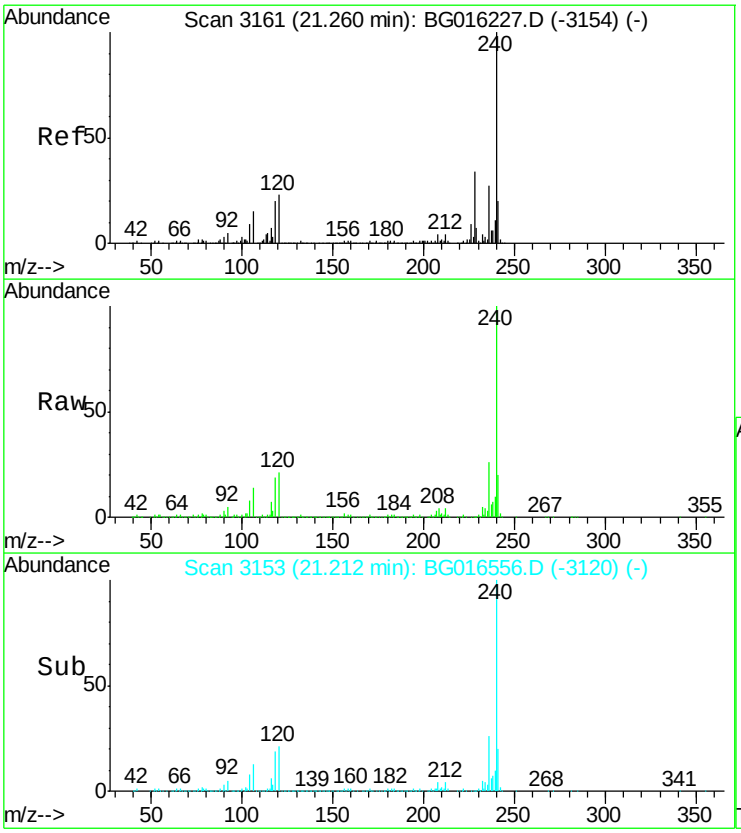
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.03 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Instrument :
BNA_G
ClientSampleId :
MW-44

Tgt Ion:188 Resp: 353952

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

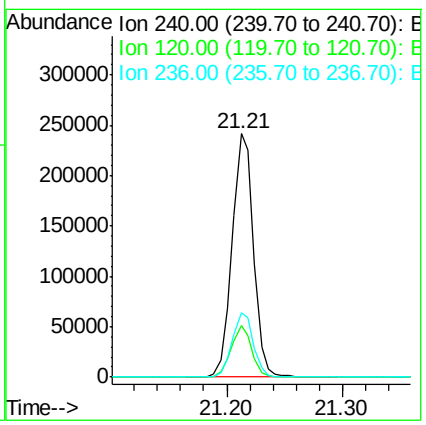


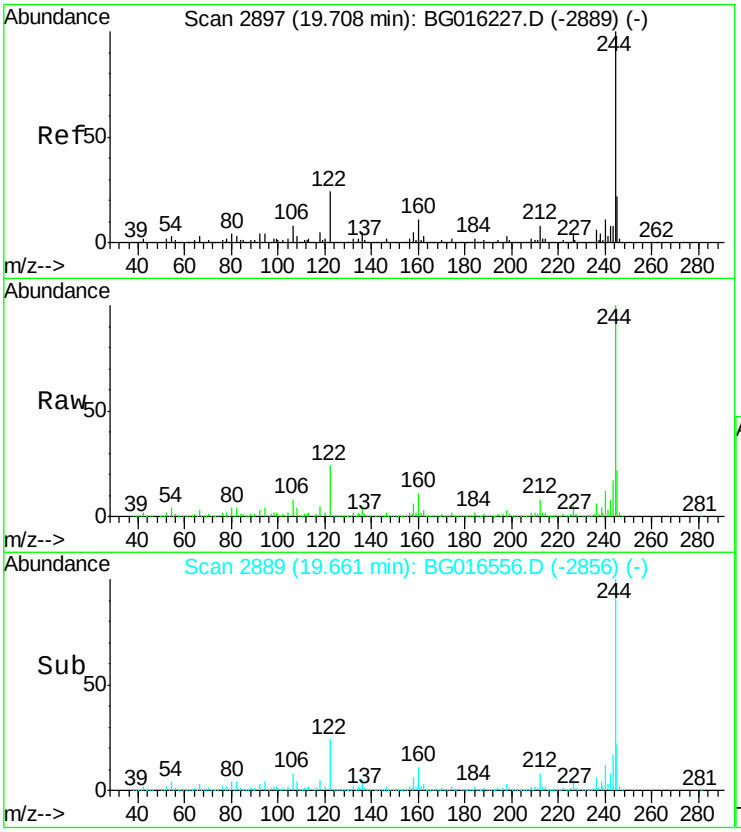


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Tgt Ion:240 Resp: 308285

Ion	Ratio	Lower	Upper
240	100		
120	21.4	18.6	28.0
236	26.4	21.7	32.5



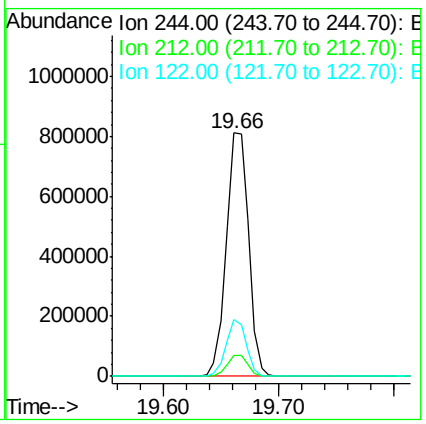


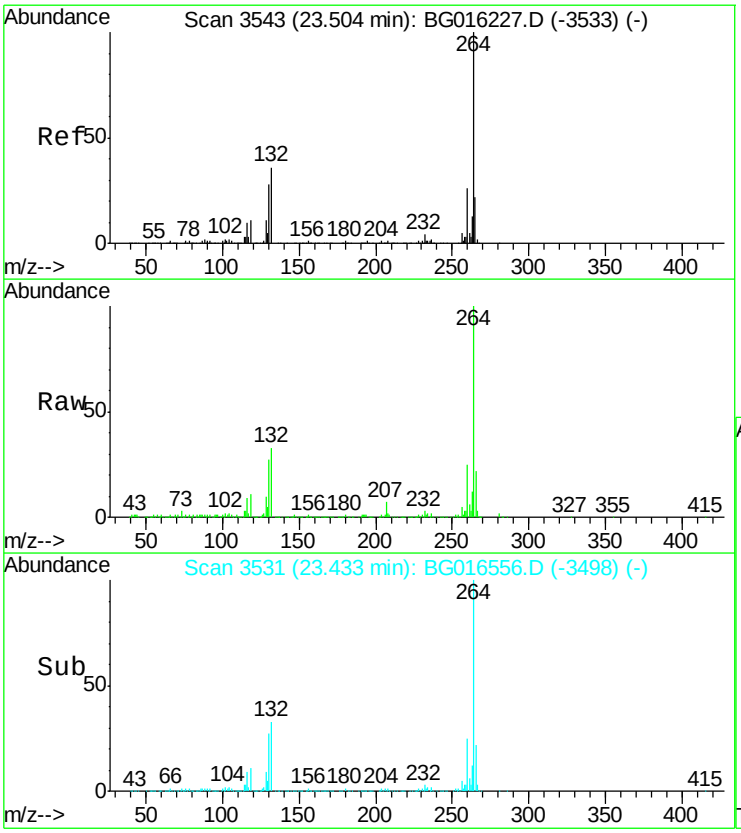
#78
Terphenyl-d14
Concen: 82.33 ng
RT: 19.66 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Instrument :
BNA_G
ClientSampleId :
MW-44

Tgt Ion:244 Resp: 1084480

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	23.5	19.1	28.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Tgt Ion:264 Resp: 285121

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	22.4	17.2	25.8