Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016621.D
Acq On : 22 Apr 2015 16:11
Operator : TP/IZ
Sample : G1948-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02

Quant Time: Apr 23 02:09:00 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 01:45:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	49600	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	226114	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	144629	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	335859	20.00	ng	0.00
75) Chrysene-d12	21.21	240	316543	20.00	ng	0.00
86) Perylene-d12	23.42	264	298072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	129577	41.87	ng	0.01
7) Phenol-d6	6.83	99	124677	28.84	ng	0.00
23) Nitrobenzene-d5	8.79	82	237980	64.81	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	12.90	172	596031	68.25	ng	0.00
78) Terphenyl-d14	19.66	244	720434	54.83	ng	0.00
Target Compounds						Qvalue

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

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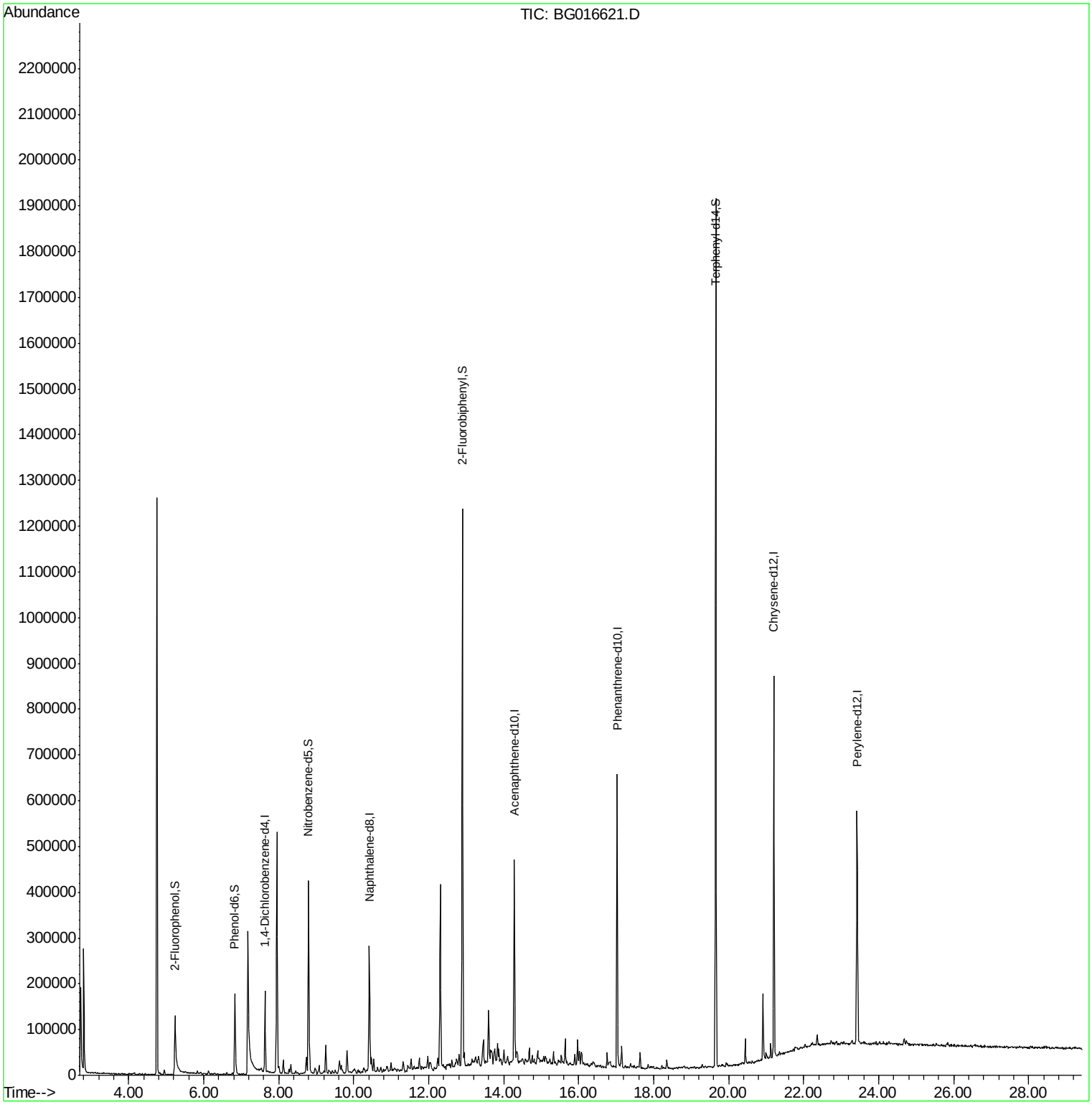
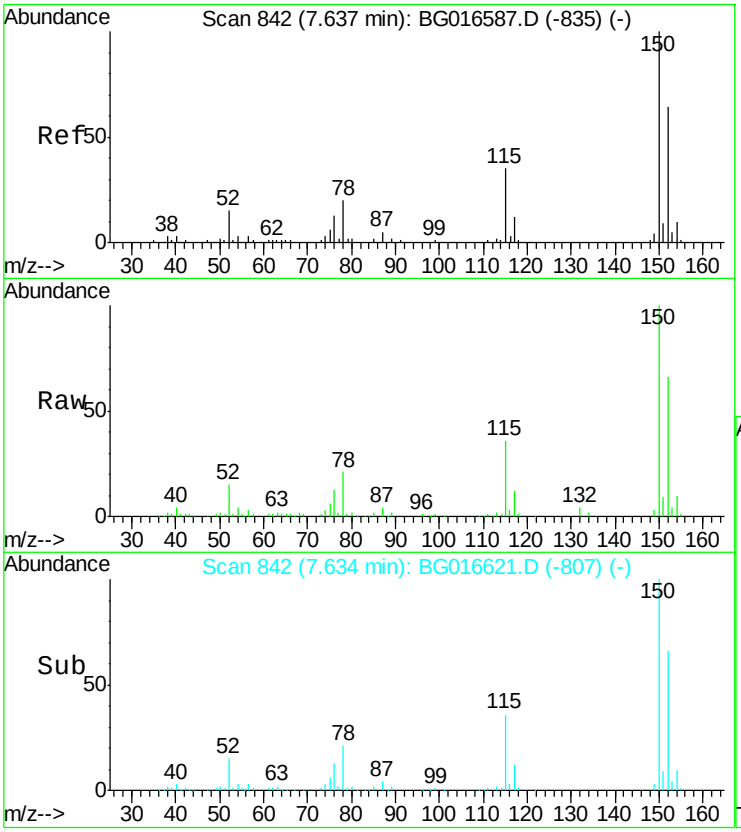
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 01:45:23 2015
Response via : Initial Calibration



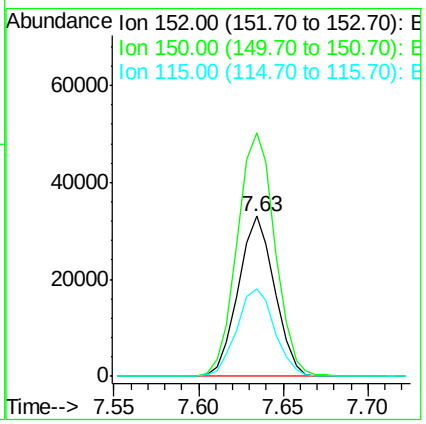


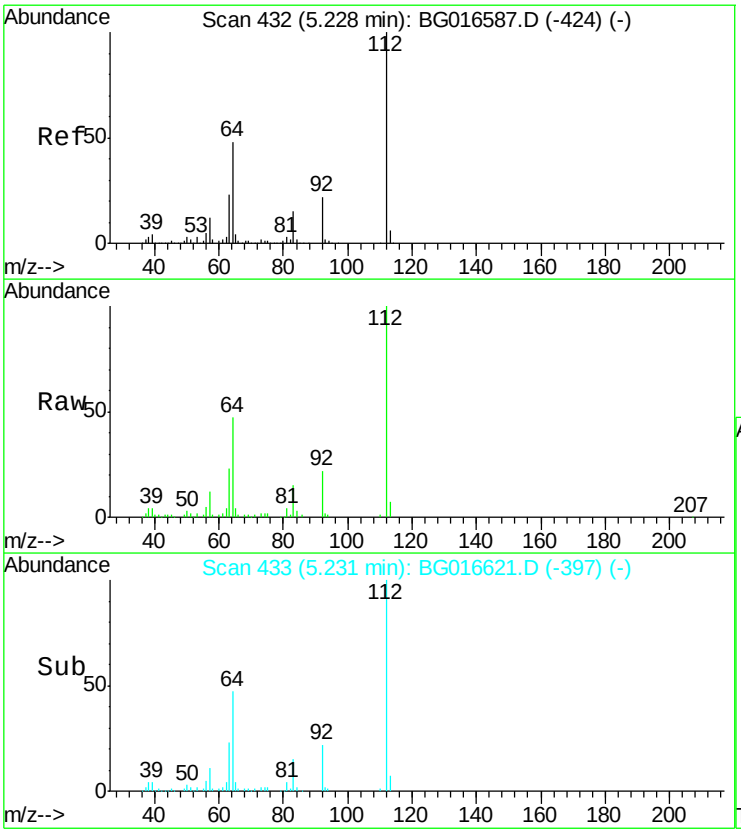
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. 0.01 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion:152 Resp: 49600

Ion	Ratio	Lower	Upper
152	100		
150	151.8	125.5	188.3
115	54.2	44.5	66.7

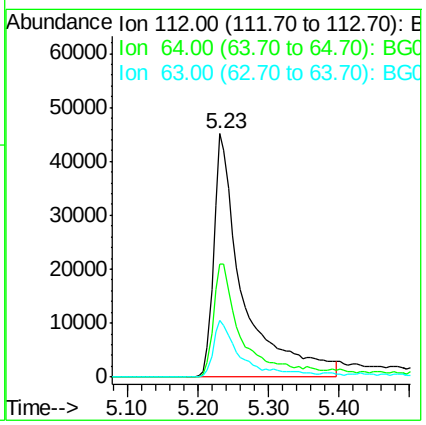


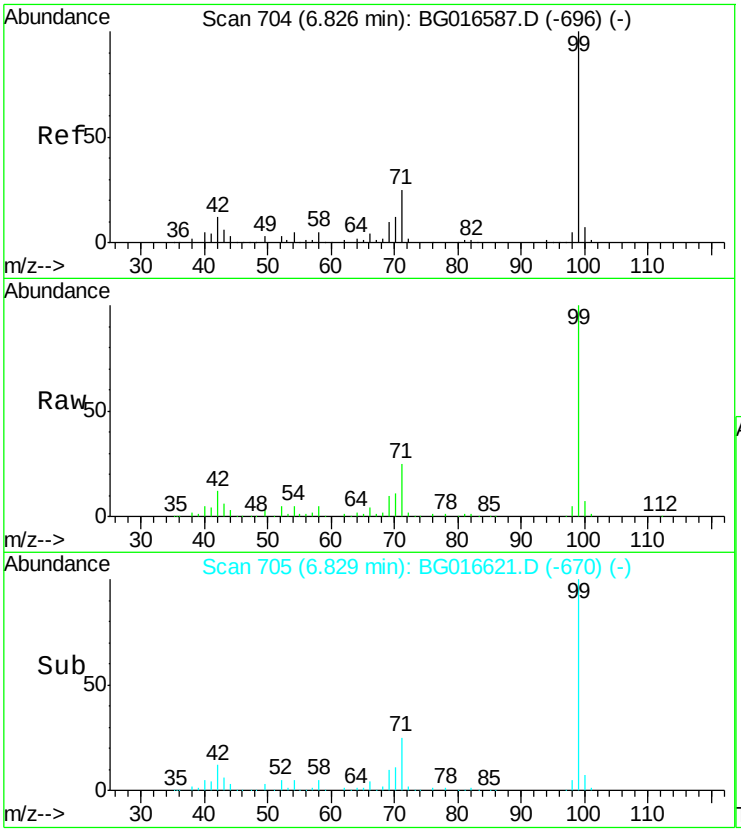


#5
2-Fluorophenol
Concen: 41.87 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.01 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:112 Resp: 129577

Ion	Ratio	Lower	Upper
112	100		
64	46.6	38.5	57.7
63	23.1	18.2	27.4



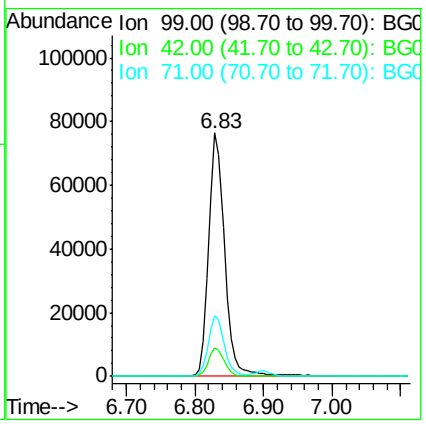


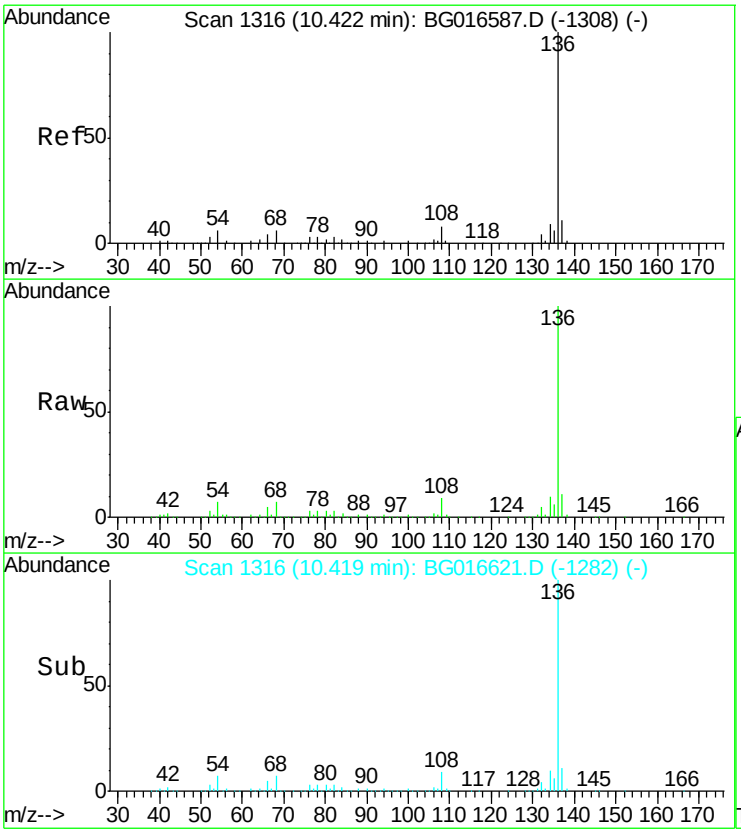
#7
Phenol-d6
Concen: 28.84 ng
RT: 6.83 min Scan# 705
Delta R.T. 0.01 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion: 99 Resp: 124677

Ion	Ratio	Lower	Upper
99	100		
42	11.9	9.5	14.3
71	24.8	20.2	30.2

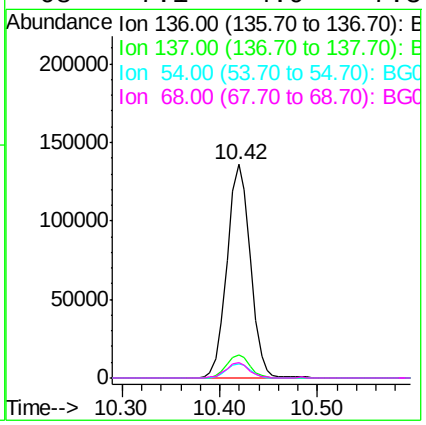


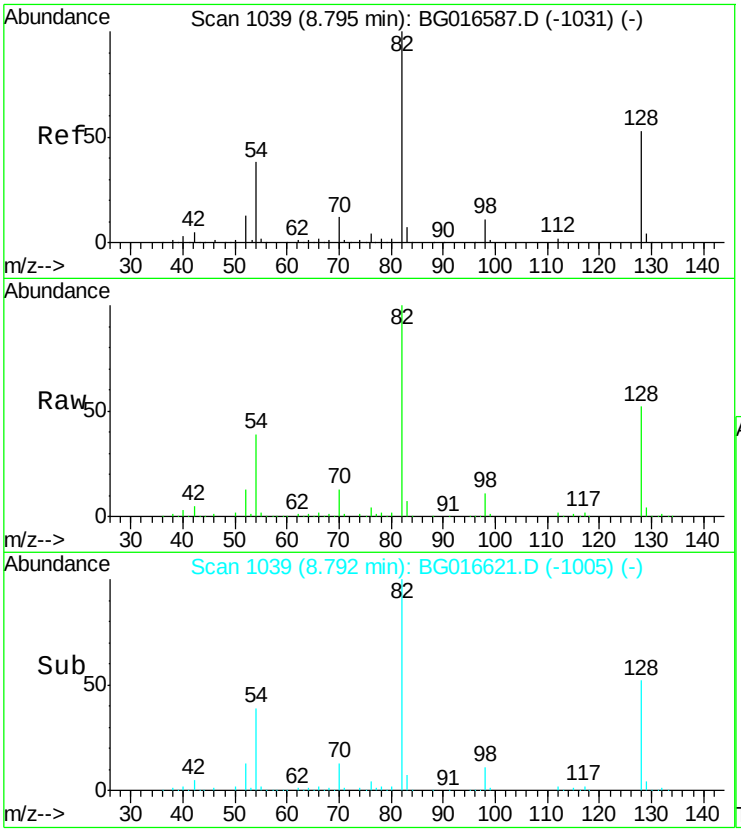


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:136 Resp: 226114

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.6	4.9	7.3
68	7.1	4.9	7.3



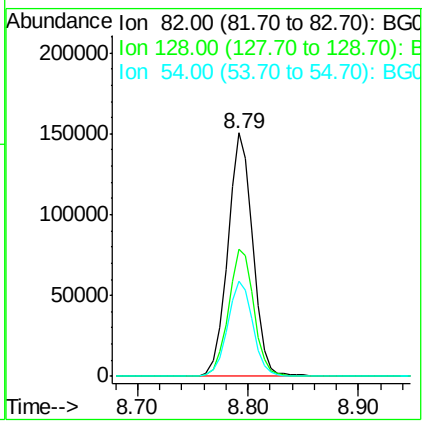


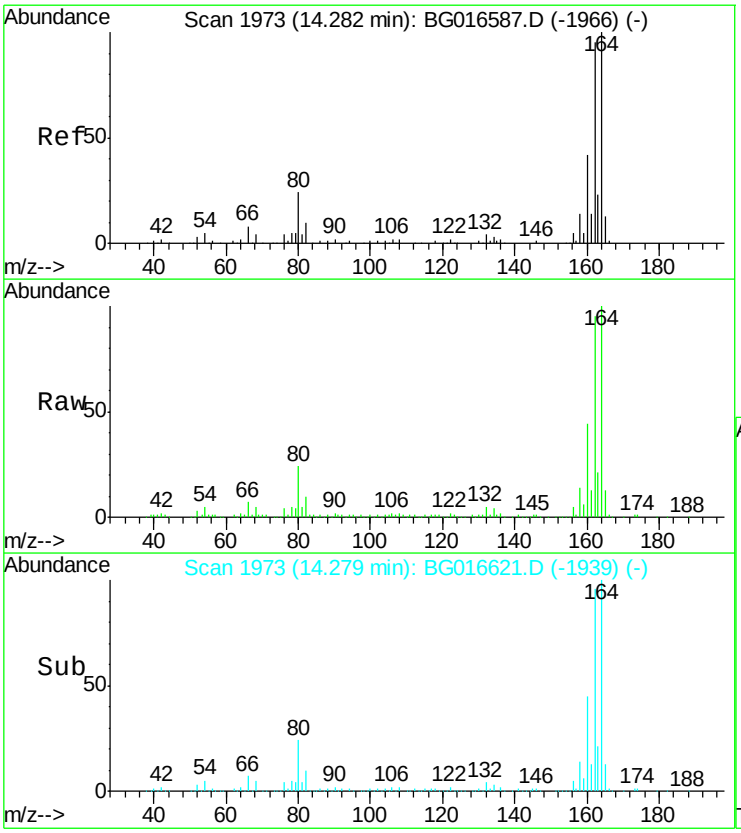
#23
Nitrobenzene-d5
Concen: 64.81 ng
RT: 8.79 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion: 82 Resp: 237980

Ion	Ratio	Lower	Upper
82	100		
128	52.0	42.7	64.1
54	38.9	30.6	45.8

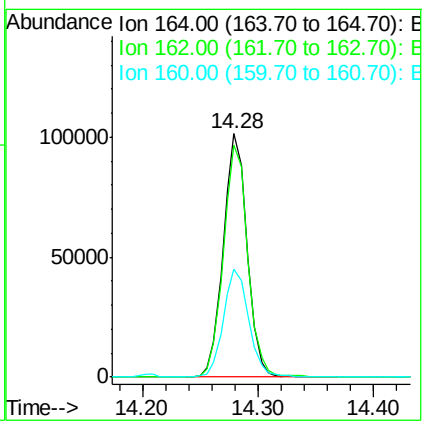


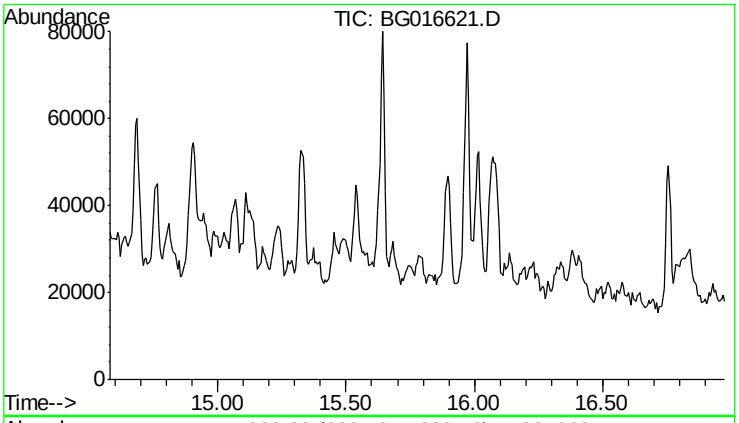


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:164 Resp: 144629

Ion	Ratio	Lower	Upper
164	100		
162	95.3	75.8	113.6
160	44.4	33.8	50.6





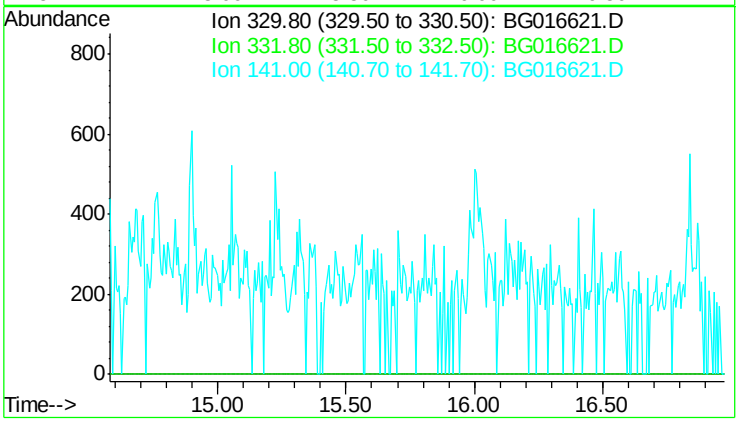
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.78 min

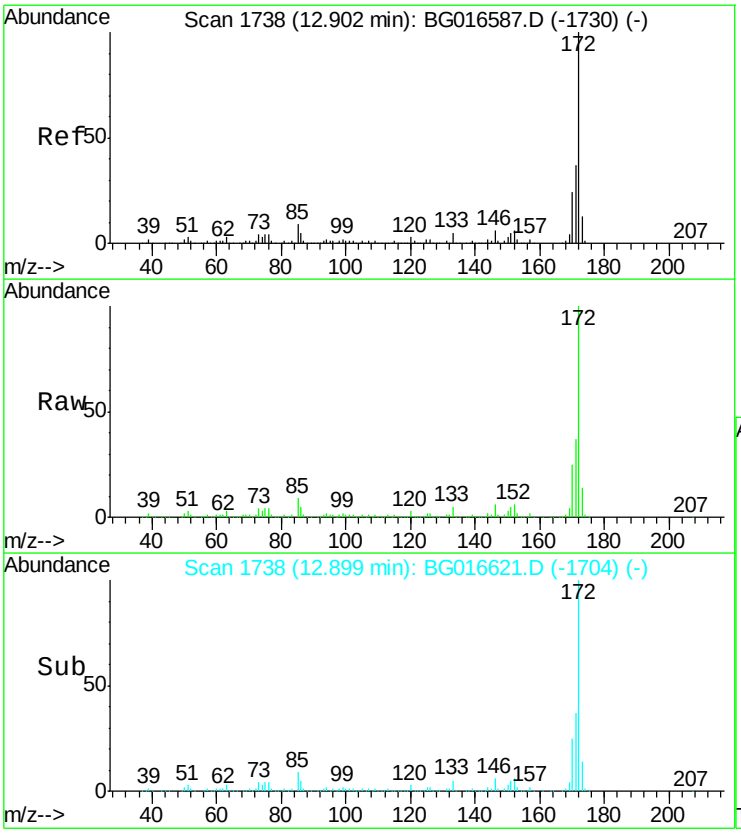
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.7
141	57.4

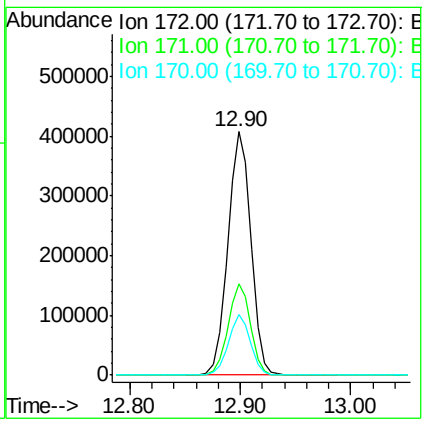


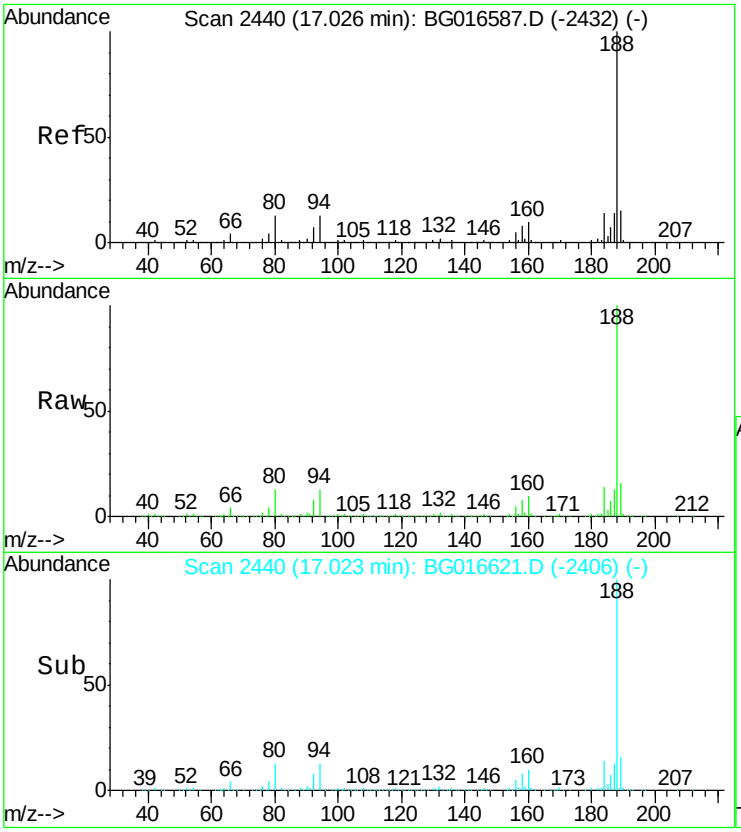


#44
2-Fluorobiphenyl
Concen: 68.25 ng
RT: 12.90 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:172 Resp: 596031

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	24.7	19.4	29.0



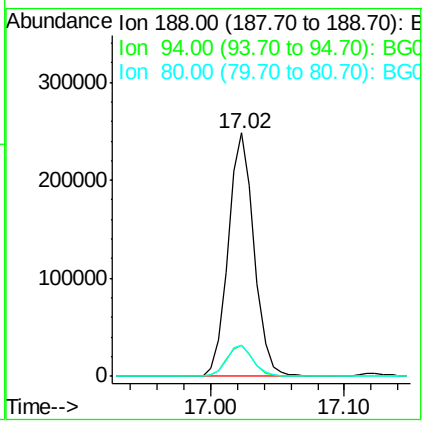


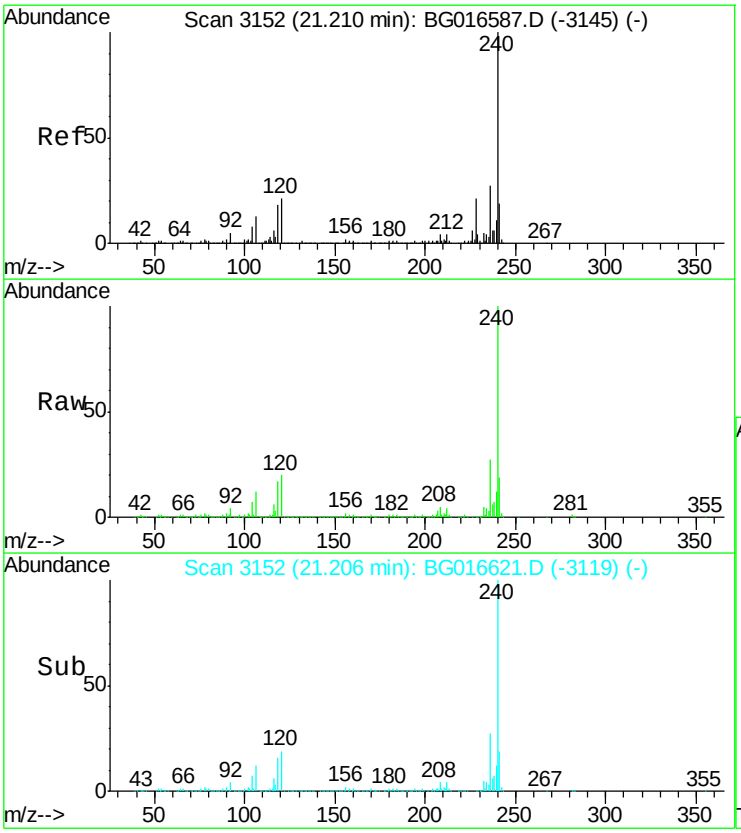
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion:188 Resp: 335859

Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.5	15.7
80	13.0	10.6	16.0

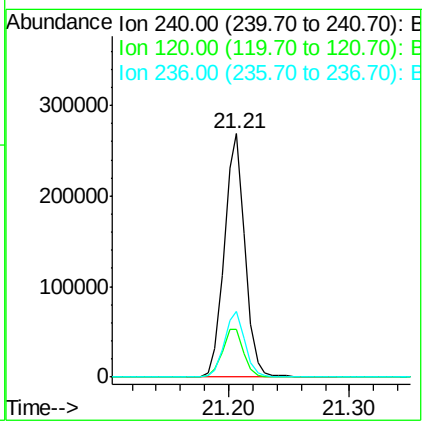


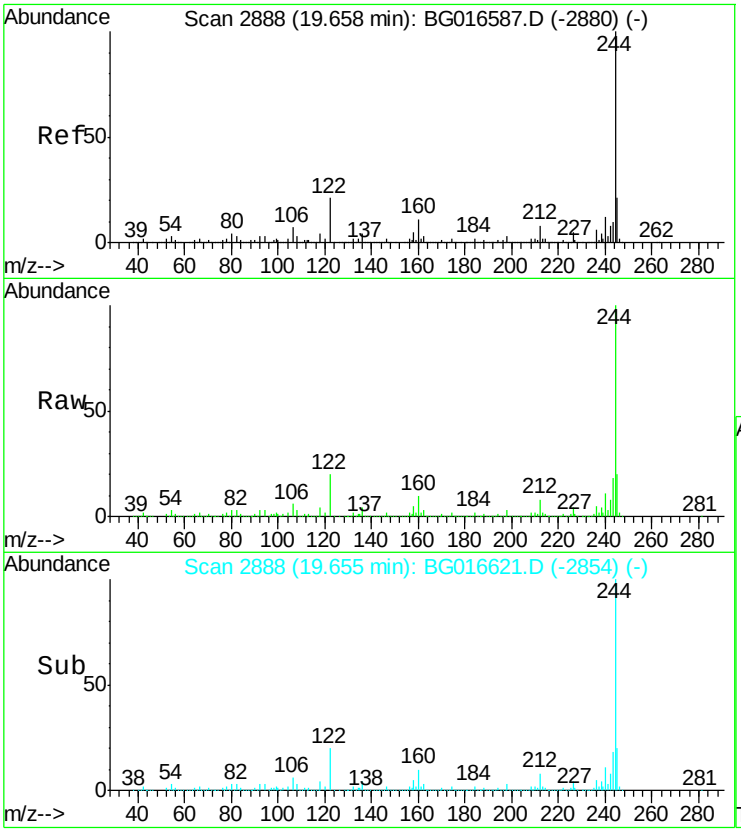


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:240 Resp: 316543

Ion	Ratio	Lower	Upper
240	100		
120	19.6	16.7	25.1
236	26.7	21.7	32.5



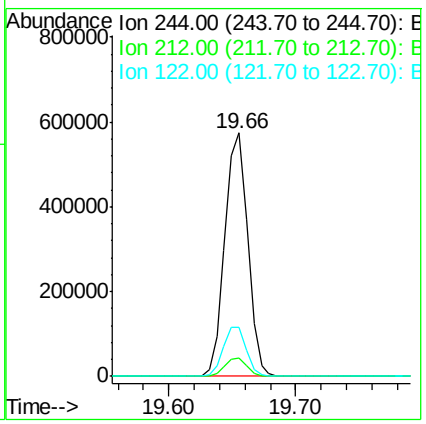


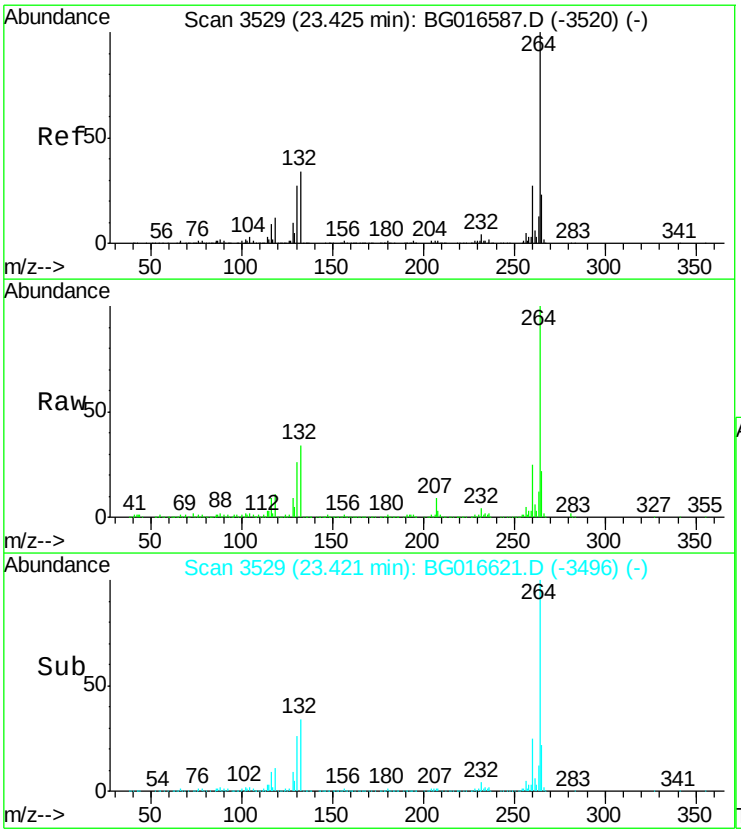
#78
Terphenyl-d14
Concen: 54.83 ng
RT: 19.66 min Scan# 2888
Delta R.T. 0.00 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion:244 Resp: 720434

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.8	10.2
122	20.0	17.0	25.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG016621.D
Acq: 22 Apr 2015 16:11

Tgt Ion:264 Resp: 298072

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.4	32.2
265	21.7	18.7	28.1