Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016790.D
Acq On : 29 Apr 2015 8:30
Operator : TP/IZ
Sample : G2004-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-1

Quant Time: Apr 29 17:06:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	76865	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	336179	20.00	ng	-0.03
38) Acenaphthene-d10	14.23	164	210483	20.00	ng	-0.02
63) Phenanthrene-d10	16.98	188	331811	20.00	ng	-0.01
75) Chrysene-d12	21.17	240	290226	20.00	ng	-0.01
86) Perylene-d12	23.37	264	274981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	263767	55.69	ng	-0.03
7) Phenol-d6	6.78	99	231605	34.85	ng	-0.02
23) Nitrobenzene-d5	8.73	82	380885	71.59	ng	-0.03
41) 2,4,6-Tribromophenol	15.74	330	142477	91.24	ng	-0.01
44) 2-Fluorobiphenyl	12.85	172	915924	69.91	ng	-0.02
78) Terphenyl-d14	19.62	244	679069	53.90	ng	-0.01
Target Compounds						Qvalue

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

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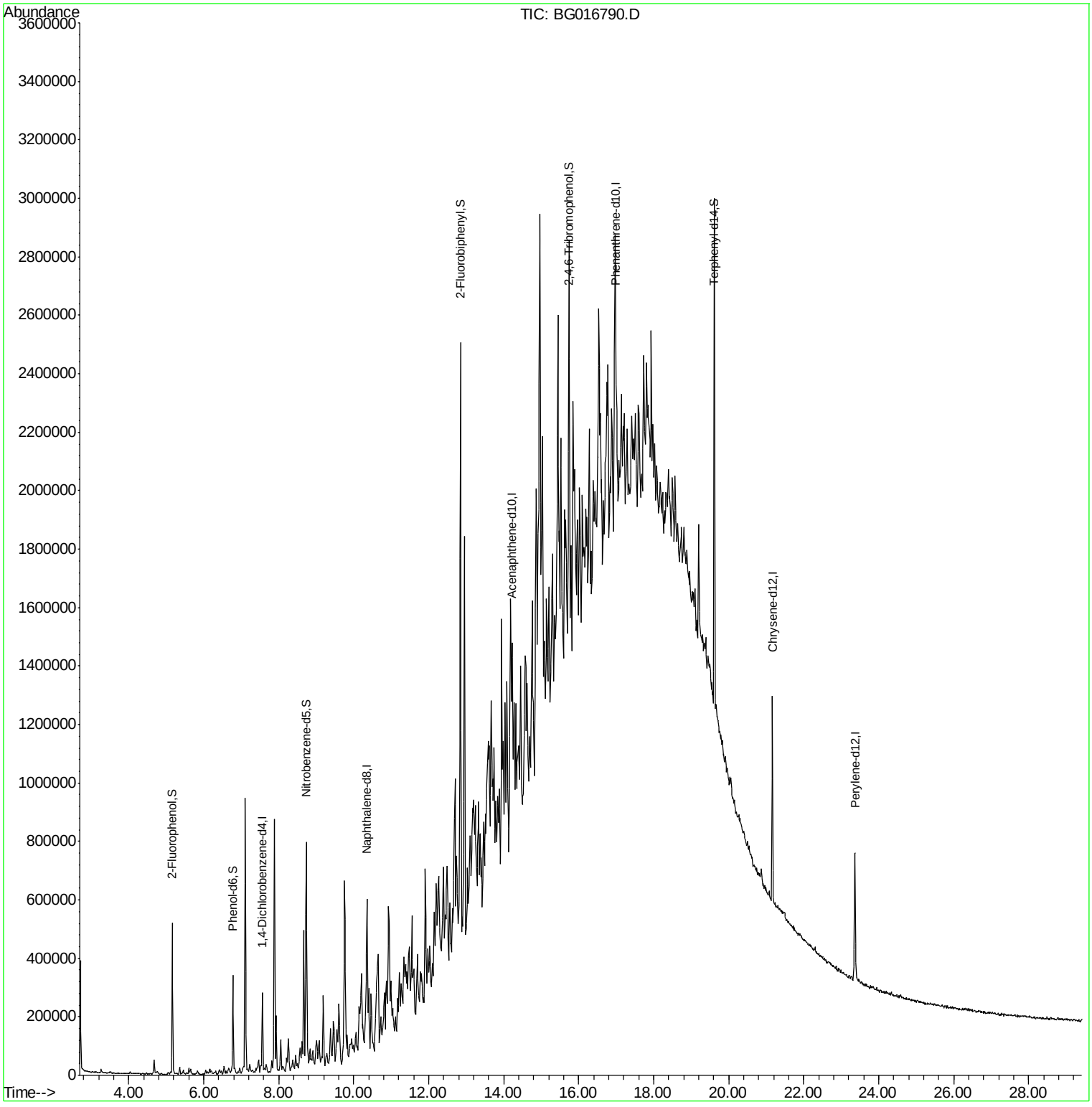
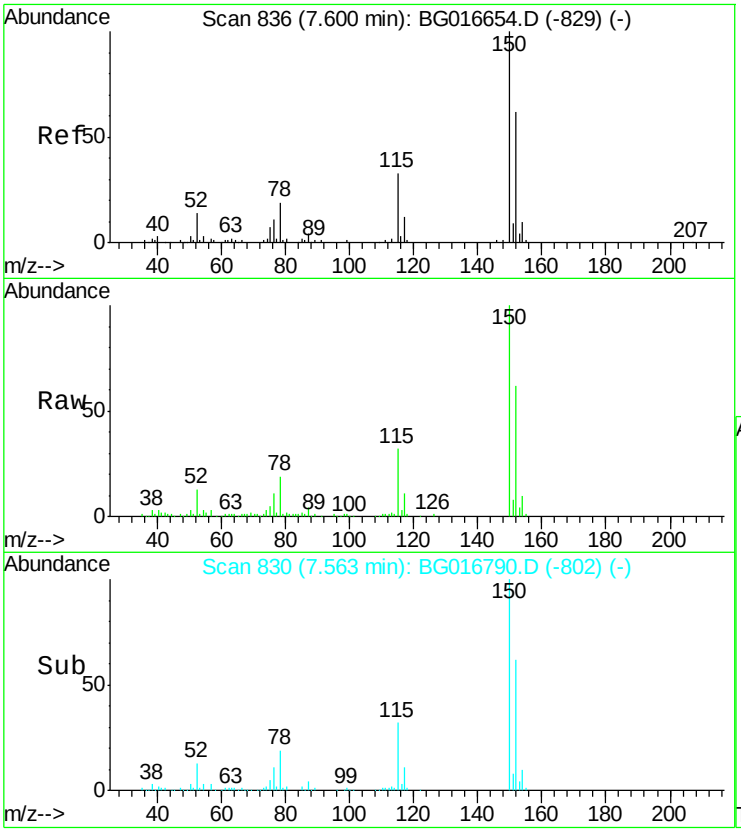


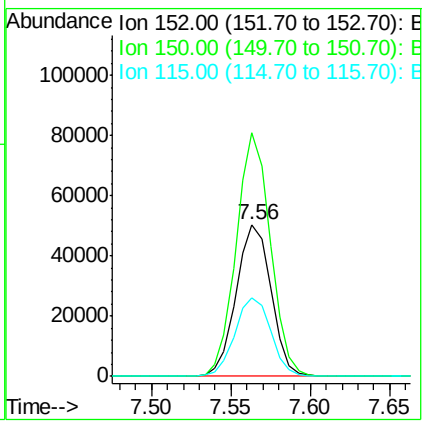


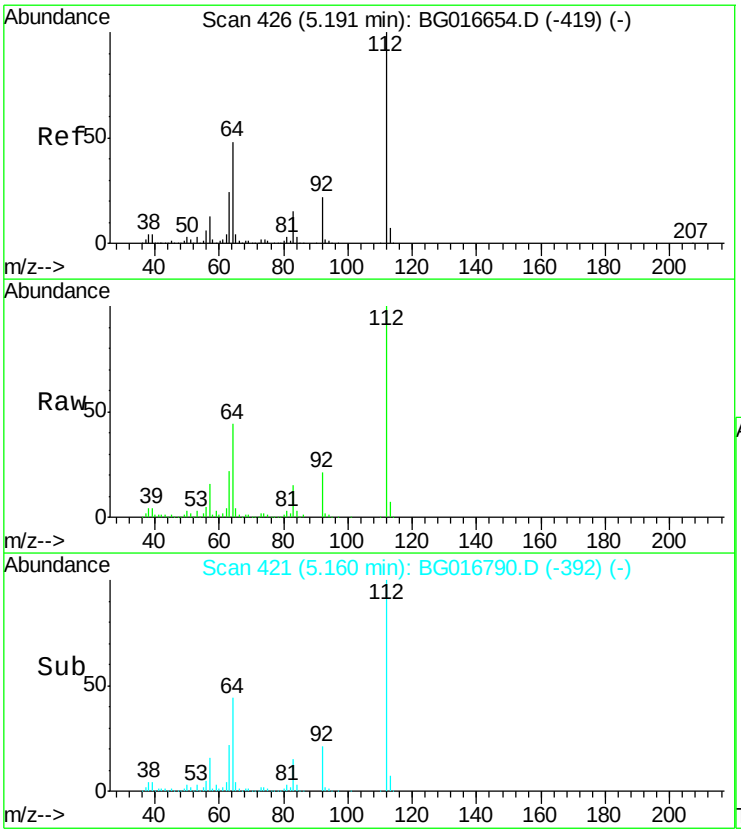
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. -0.04 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:152 Resp: 76865

Ion	Ratio	Lower	Upper
152	100		
150	160.7	129.6	194.4
115	52.2	43.0	64.6

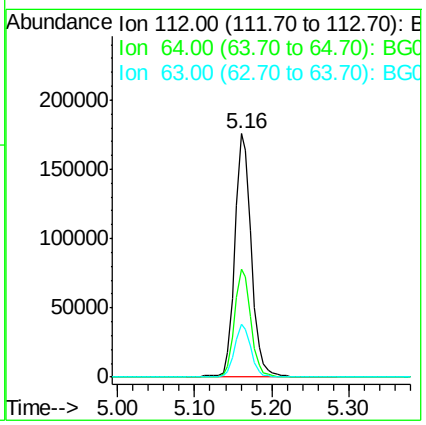


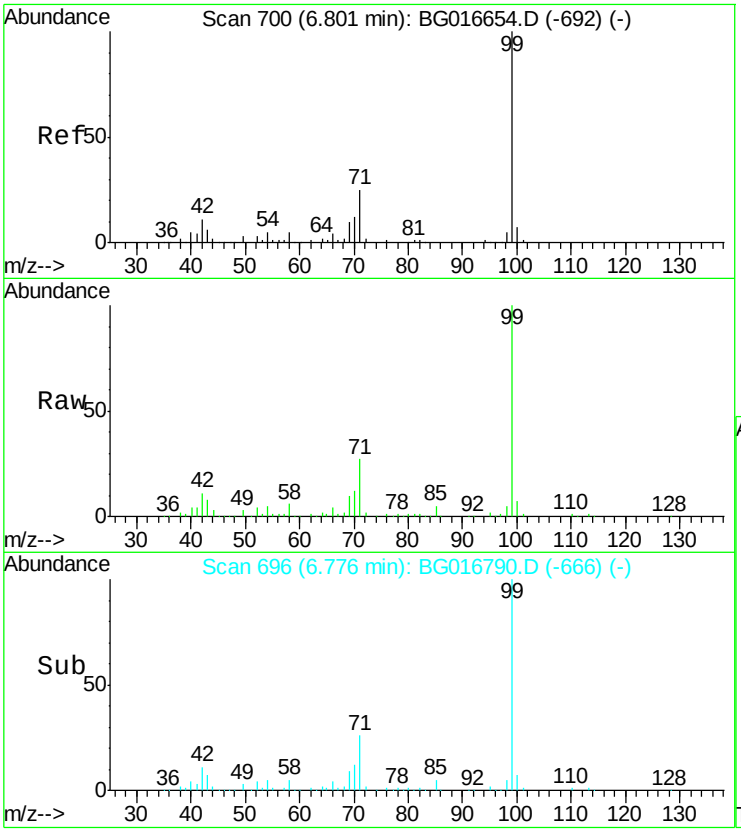


#5
2-Fluorophenol
Concen: 55.69 ng
RT: 5.16 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Tgt Ion:112 Resp: 263767

Ion	Ratio	Lower	Upper
112	100		
64	44.3	38.3	57.5
63	21.7	18.9	28.3



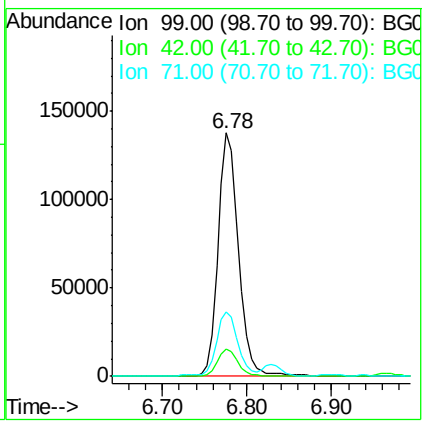


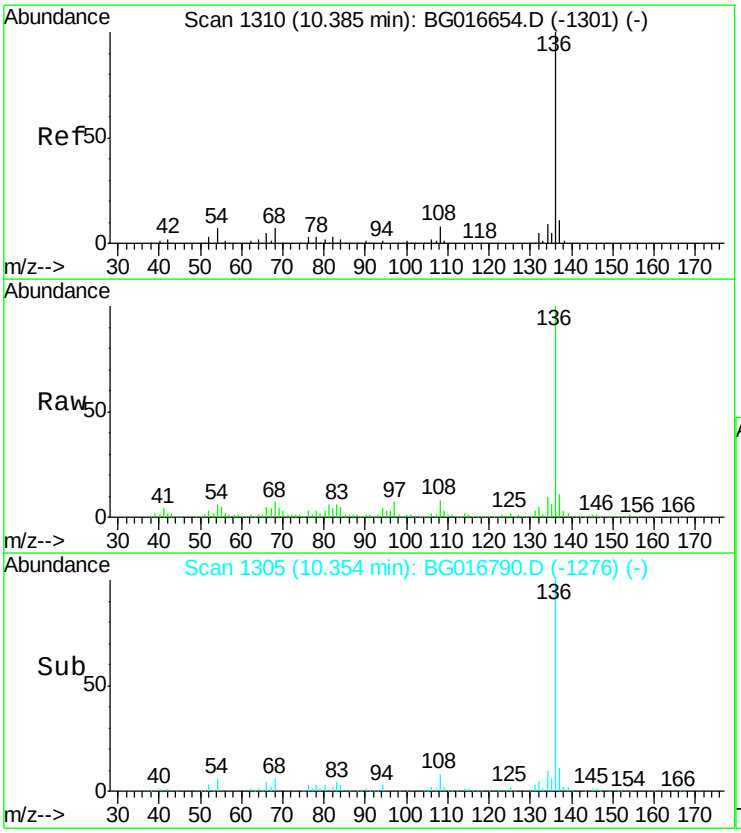
#7
Phenol-d6
Concen: 34.85 ng
RT: 6.78 min Scan# 696
Delta R.T. -0.02 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion: 99 Resp: 231605

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.8	13.2
71	26.7	19.9	29.9

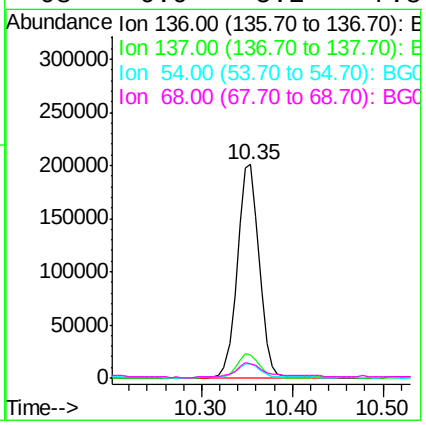


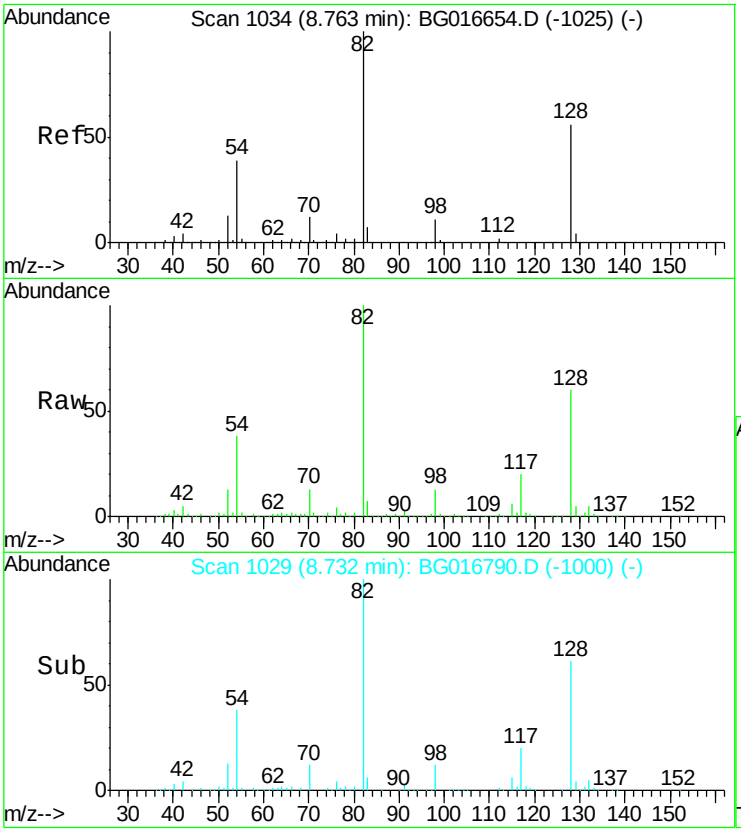


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Tgt Ion:136 Resp: 336179

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.5	5.4	8.2
68	6.9	5.2	7.8



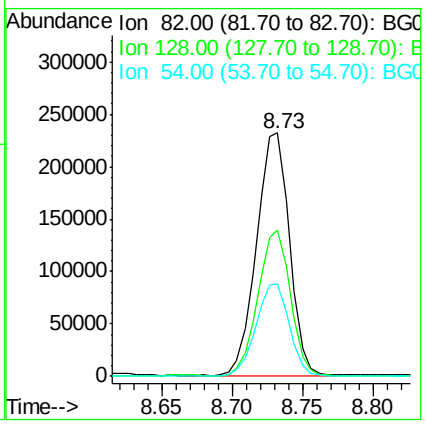


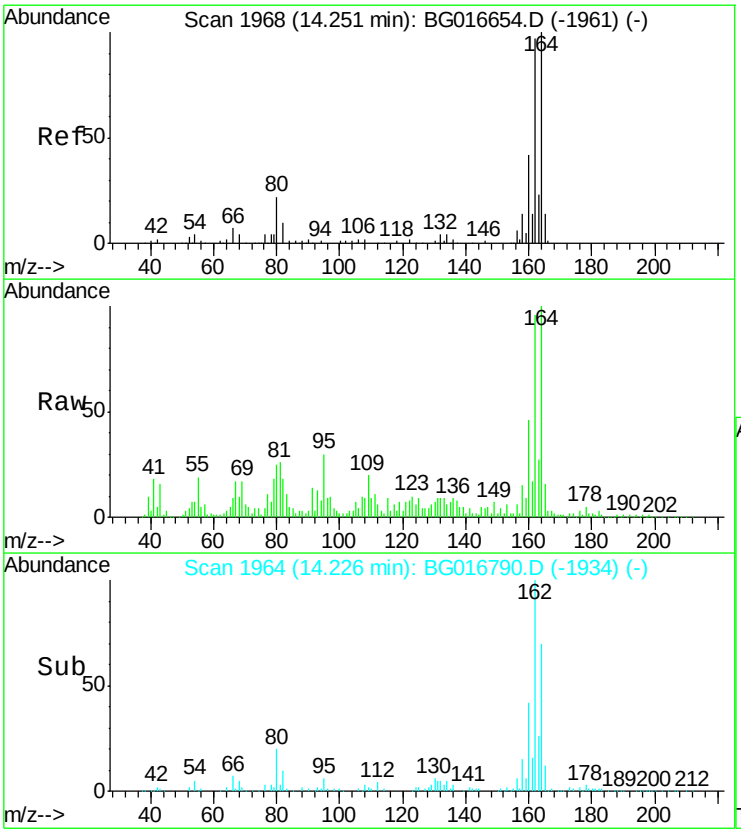
#23
Nitrobenzene-d5
Concen: 71.59 ng
RT: 8.73 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion: 82 Resp: 380885

Ion	Ratio	Lower	Upper
82	100		
128	60.2	44.7	67.1
54	37.8	30.9	46.3

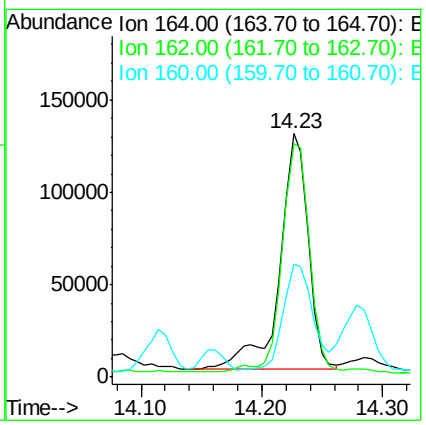


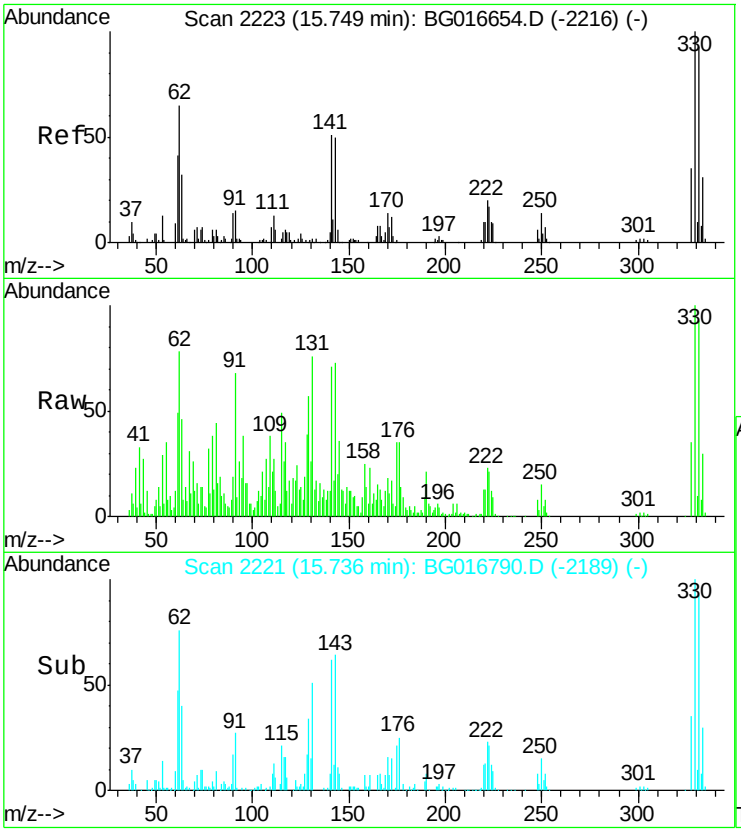


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.23 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Tgt Ion:164 Resp: 210483

Ion	Ratio	Lower	Upper
164	100		
162	96.0	77.3	115.9
160	46.3	33.7	50.5



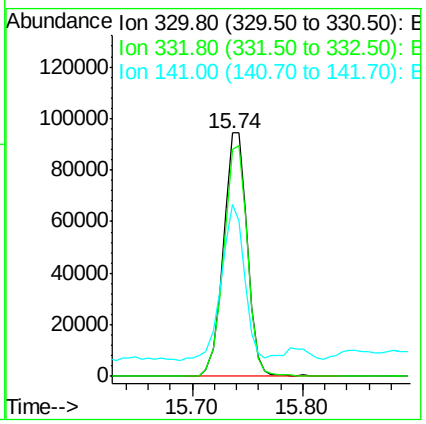


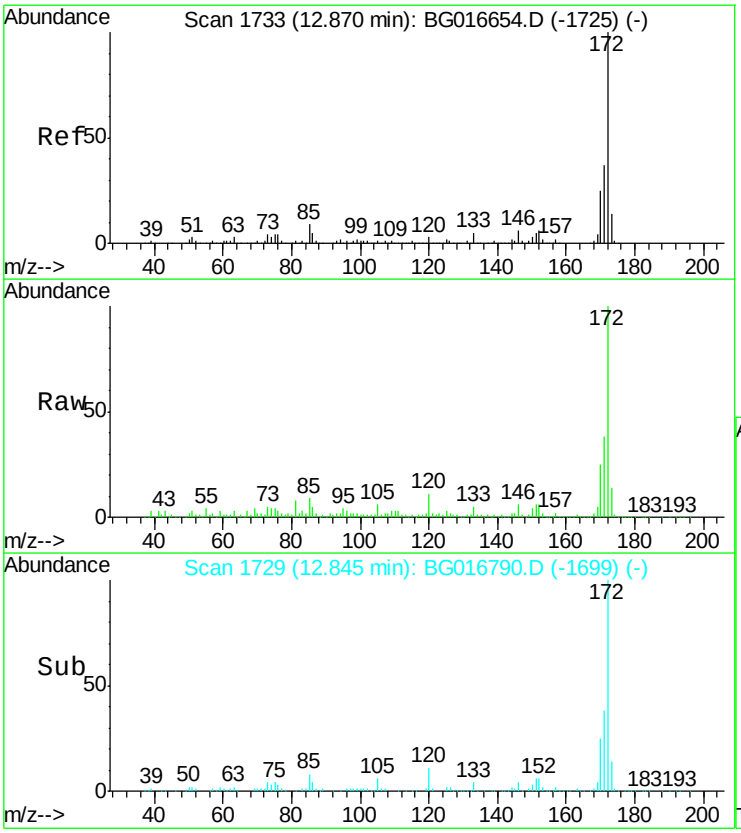
#41
2,4,6-Tribromophenol
Concen: 91.24 ng
RT: 15.74 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:330 Resp: 142477

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	62.4	43.0	64.6

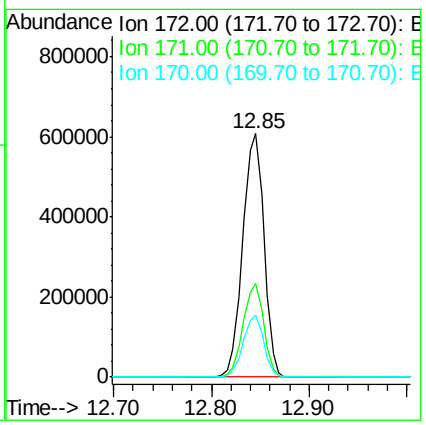


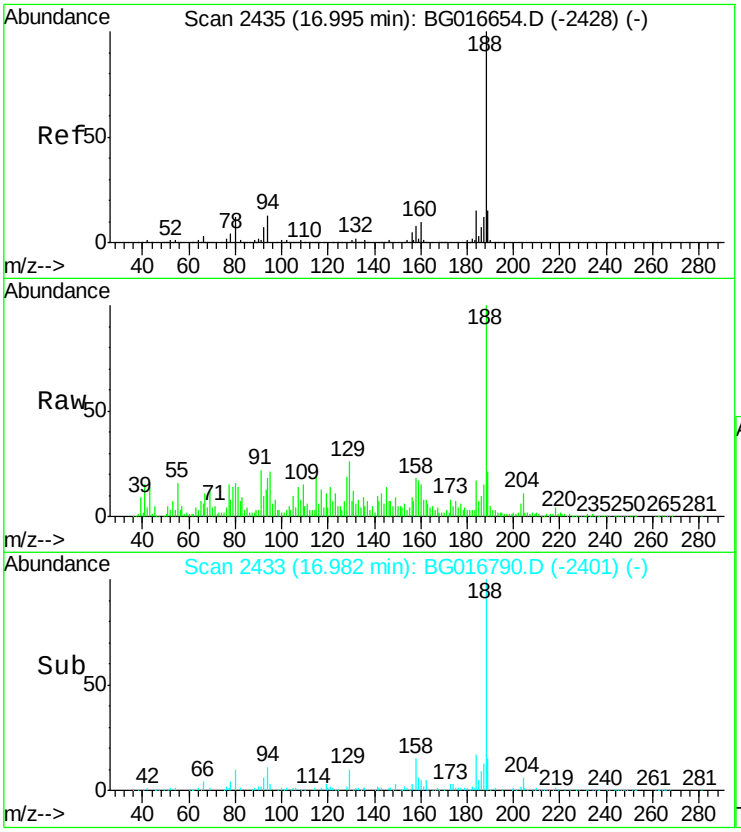


#44
2-Fluorobiphenyl
Concen: 69.91 ng
RT: 12.85 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Tgt Ion:172 Resp: 915924

Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.9	44.9
170	25.2	19.8	29.8



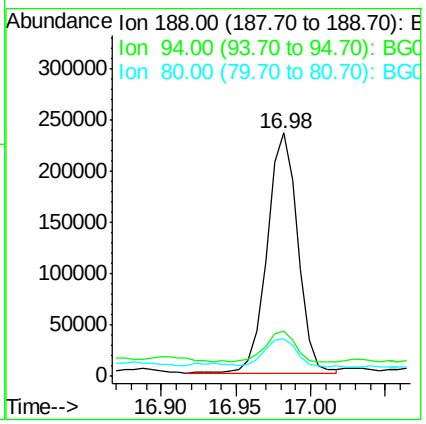


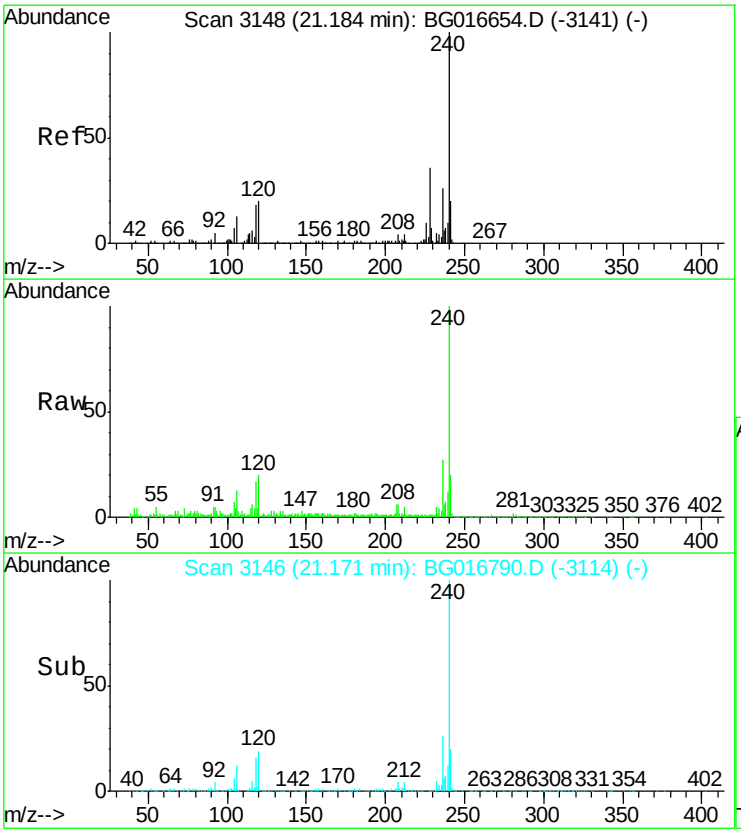
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.98 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:188 Resp: 331811

Ion	Ratio	Lower	Upper
188	100		
94	18.4	10.7	16.1#
80	15.6	9.9	14.9#

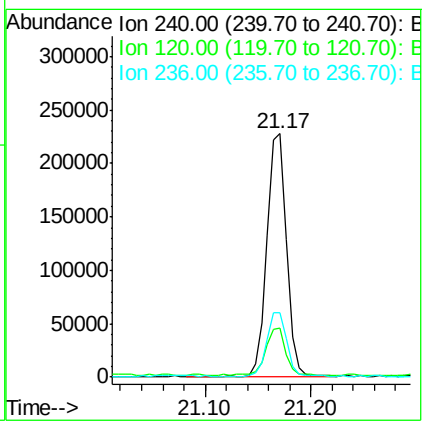


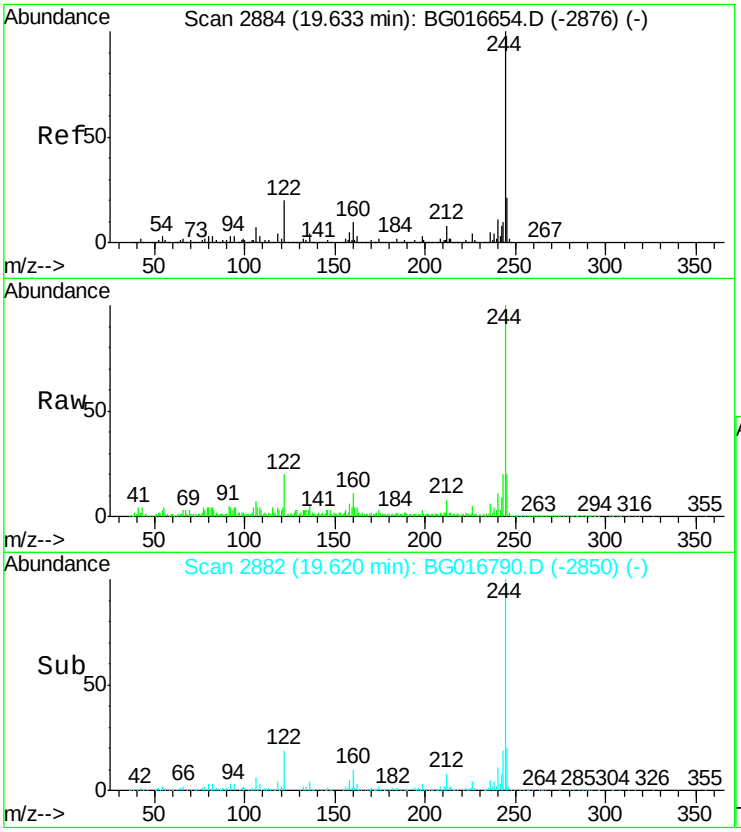


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.17 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Tgt Ion:240 Resp: 290226

Ion	Ratio	Lower	Upper
240	100		
120	19.9	16.3	24.5
236	26.7	21.1	31.7



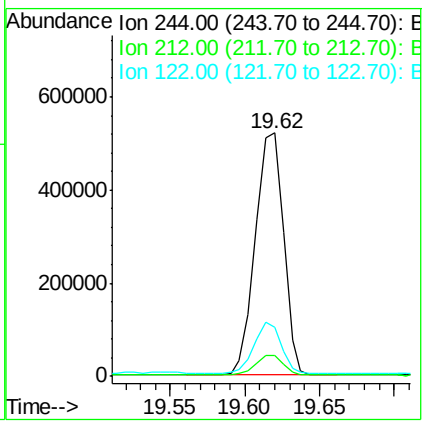


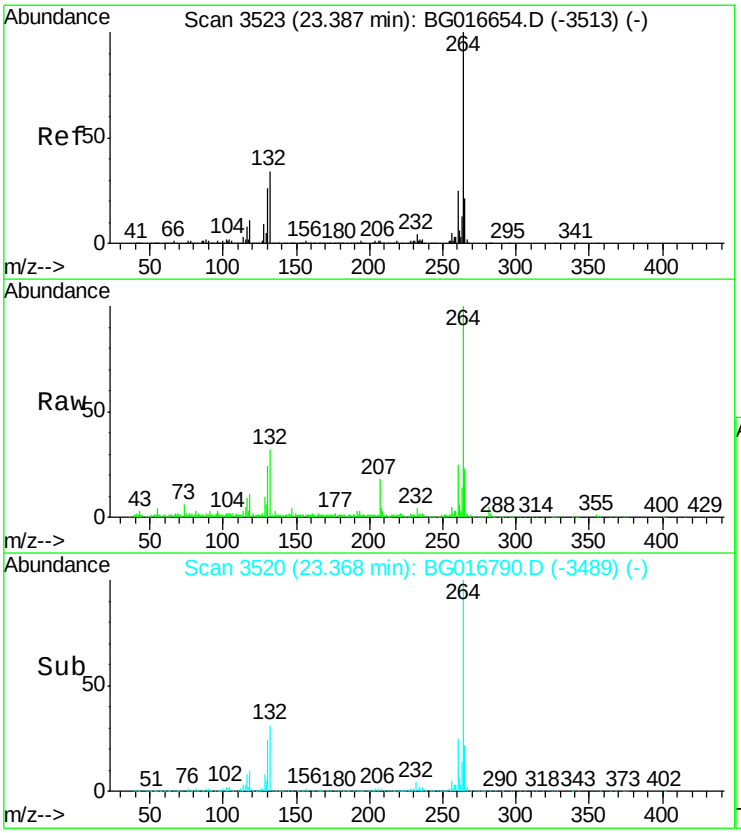
#78
Terphenyl-d14
Concen: 53.90 ng
RT: 19.62 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Instrument :
BNA_G
ClientSampleId :
W-1

Tgt Ion:244 Resp: 679069

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.4	9.6
122	20.0	15.9	23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.37 min Scan# 3520
Delta R.T. -0.02 min
Lab File: BG016790.D
Acq: 29 Apr 2015 8:30

Tgt Ion:264 Resp: 274981

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	22.6	16.8	25.2