Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042815\
Data File : BG016787.D
Acq On : 29 Apr 2015 6:46
Operator : TP/IZ
Sample : G2004-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-25

Quant Time: Apr 29 17:00:32 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 07:42:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	85933	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	368291	20.00	ng	0.00
38) Acenaphthene-d10	14.23	164	204309	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	365138	20.00	ng	0.00
75) Chrysene-d12	21.17	240	309102	20.00	ng	0.00
86) Perylene-d12	23.36	264	296996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	224425	42.38	ng	0.00
7) Phenol-d6	6.77	99	189863	25.56	ng	0.00
23) Nitrobenzene-d5	8.73	82	384798	66.02	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	136274	89.91	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	910811	71.62	ng	0.00
78) Terphenyl-d14	19.61	244	712965	53.13	ng	0.00
Target Compounds						Qvalue

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

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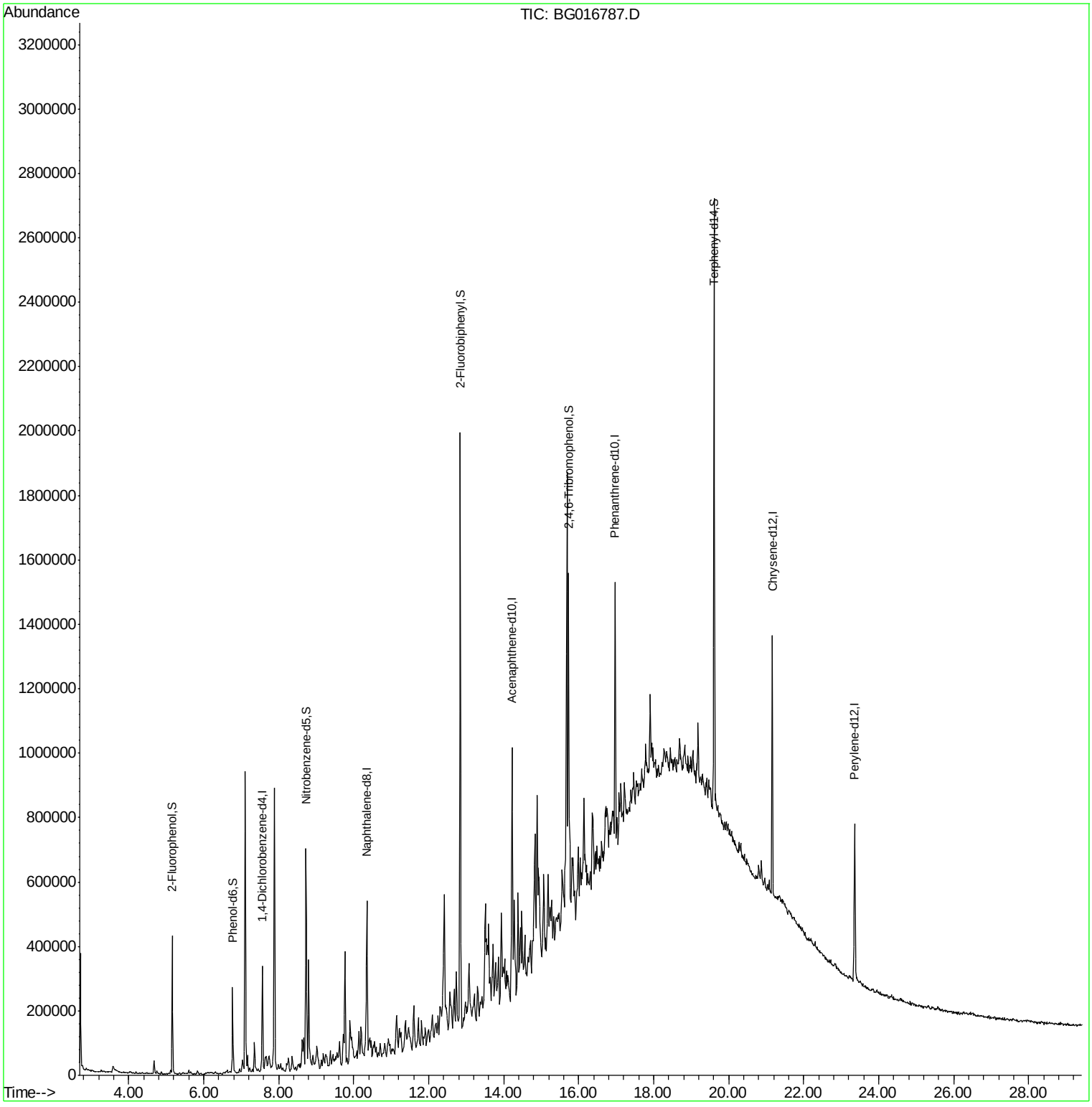
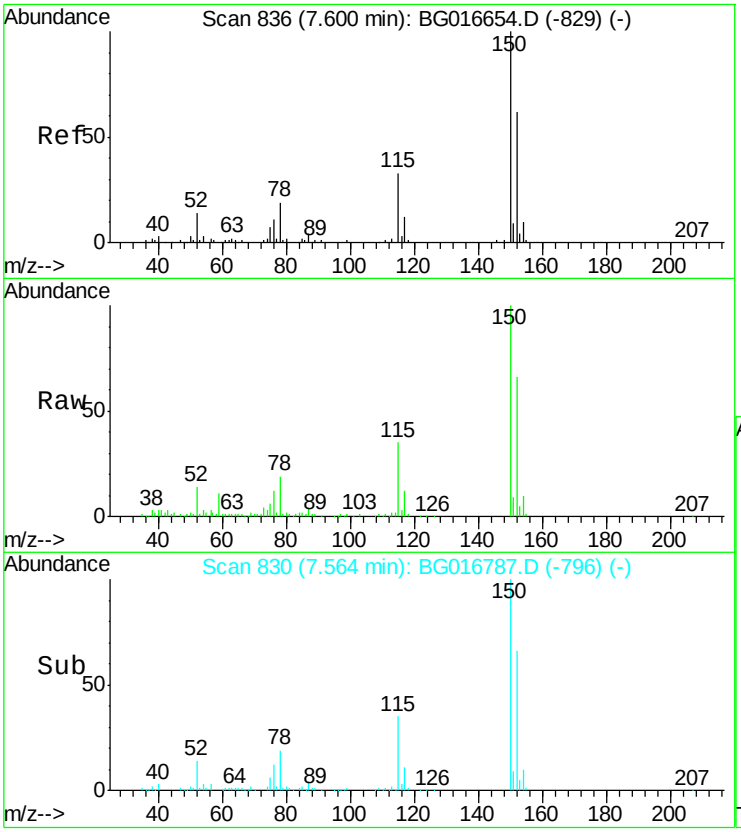


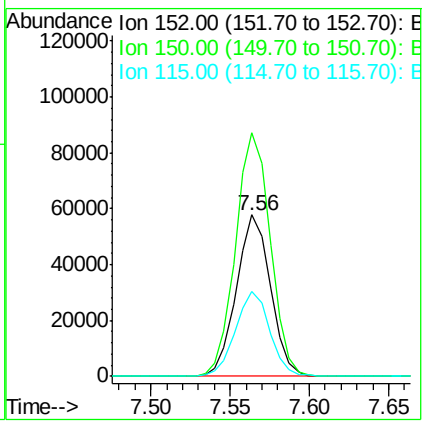


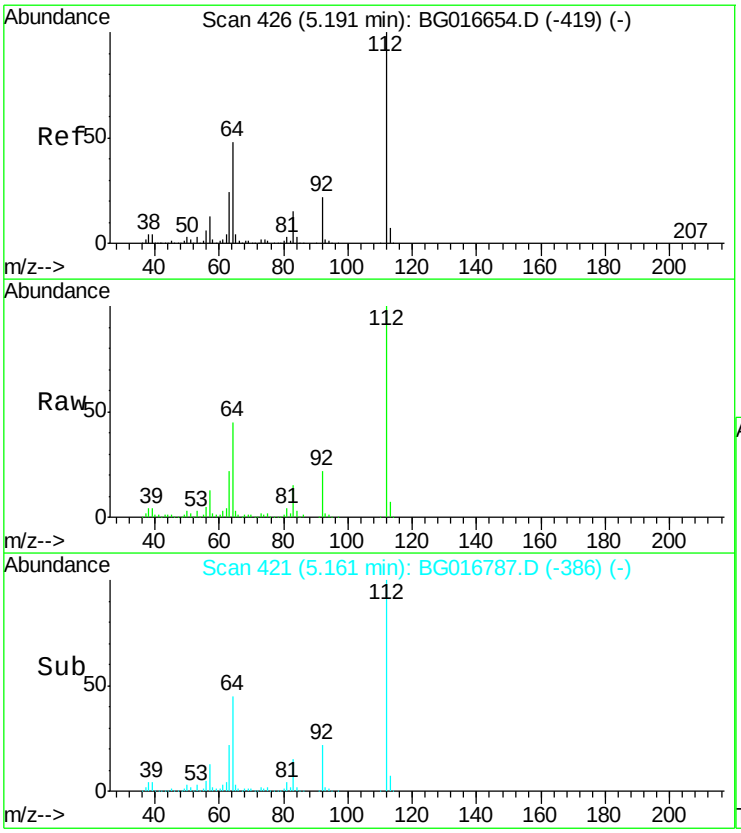
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion:152 Resp: 85933

Ion	Ratio	Lower	Upper
152	100		
150	150.9	129.6	194.4
115	52.6	43.0	64.6

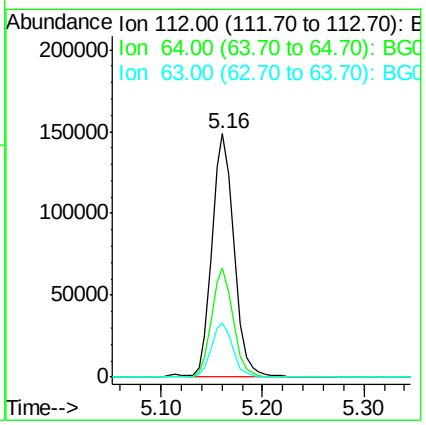


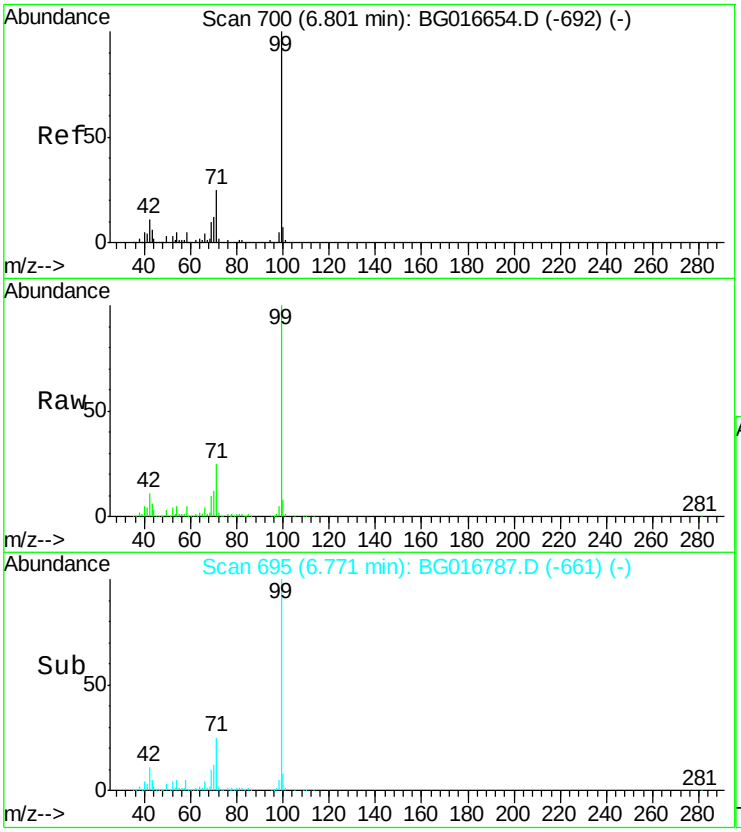


#5
2-Fluorophenol
Concen: 42.38 ng
RT: 5.16 min Scan# 421
Delta R.T. 0.01 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Tgt Ion:112 Resp: 224425

Ion	Ratio	Lower	Upper
112	100		
64	44.7	38.3	57.5
63	22.0	18.9	28.3



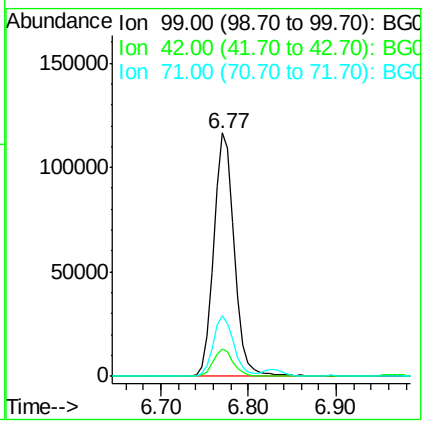


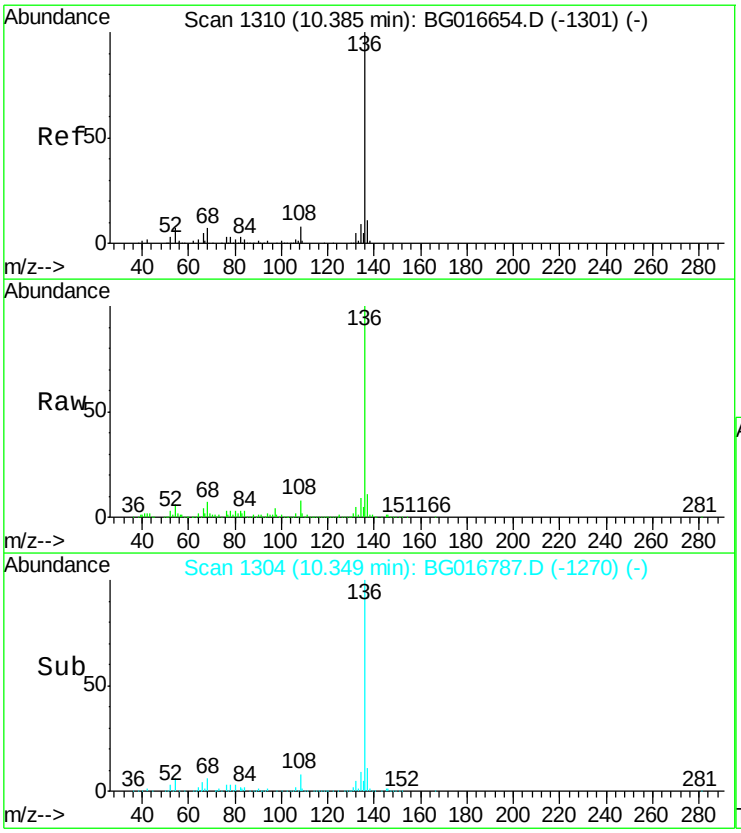
#7
Phenol-d6
Concen: 25.56 ng
RT: 6.77 min Scan# 695
Delta R.T. -0.00 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion: 99 Resp: 189863

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.8	13.2
71	25.0	19.9	29.9

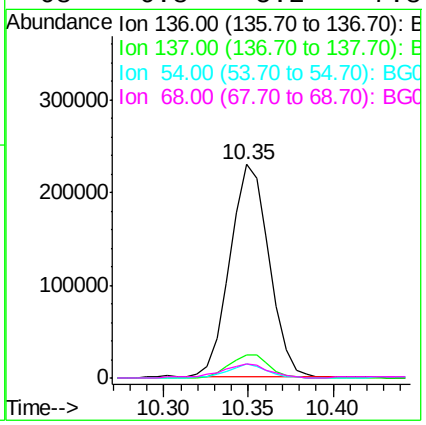


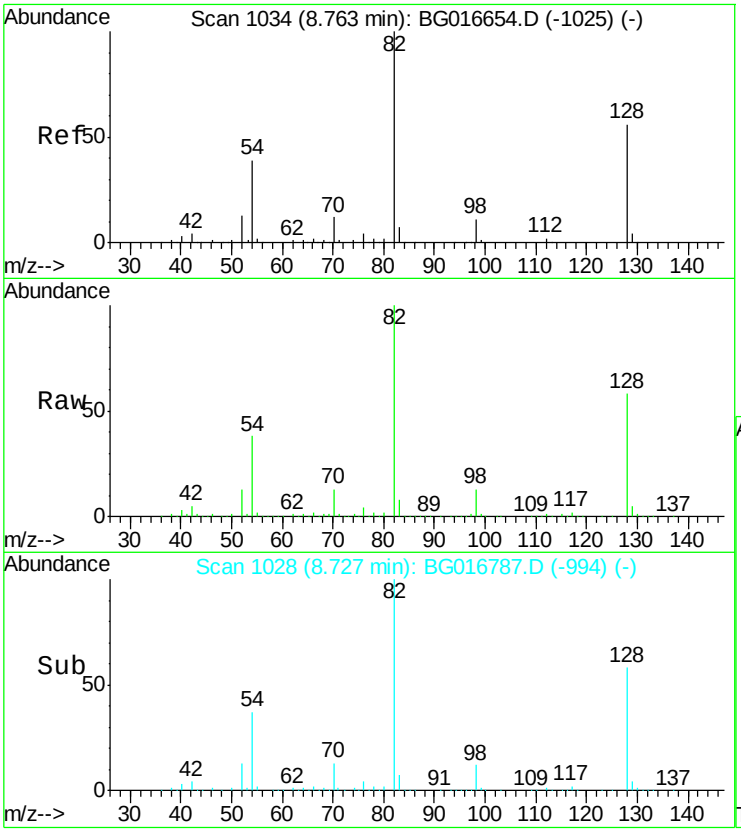


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Tgt Ion:136 Resp: 368291

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.4	5.4	8.2
68	6.8	5.2	7.8



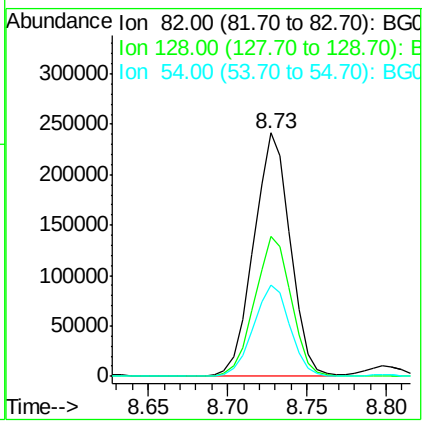


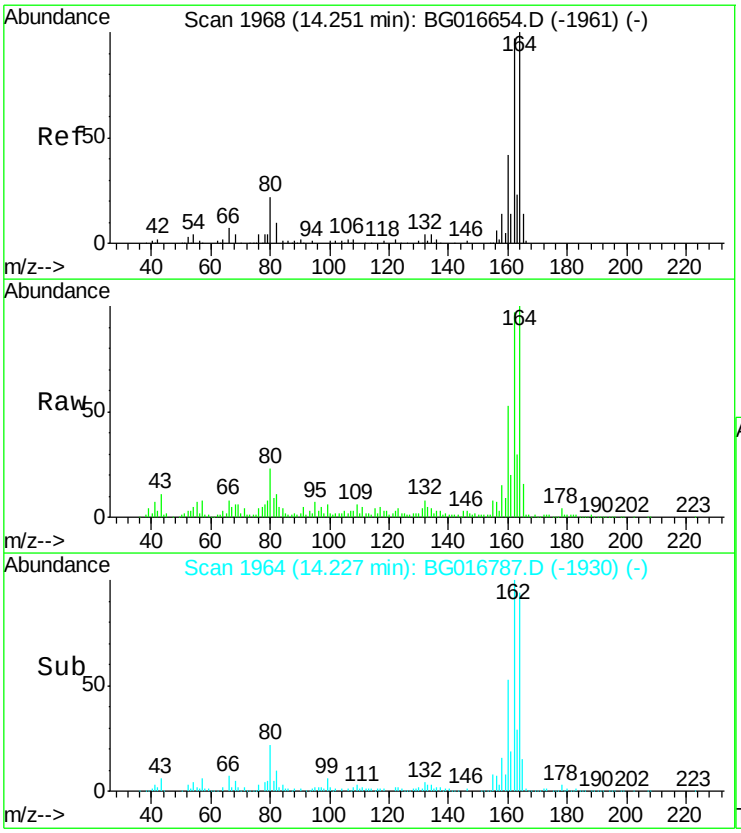
#23
Nitrobenzene-d5
Concen: 66.02 ng
RT: 8.73 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion: 82 Resp: 384798

Ion	Ratio	Lower	Upper
82	100		
128	57.6	44.7	67.1
54	37.6	30.9	46.3

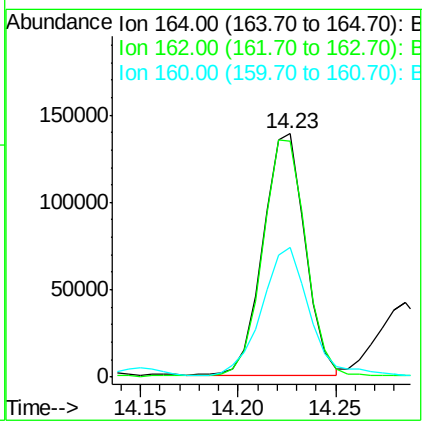


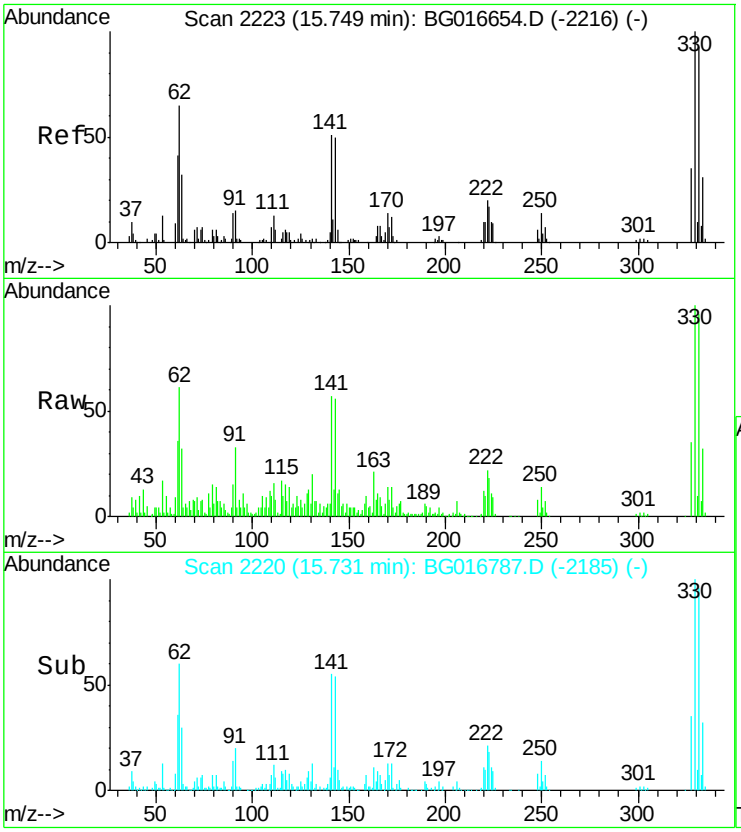


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.23 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Tgt Ion:164 Resp: 204309

Ion	Ratio	Lower	Upper
164	100		
162	96.9	77.3	115.9
160	53.0	33.7	50.5#



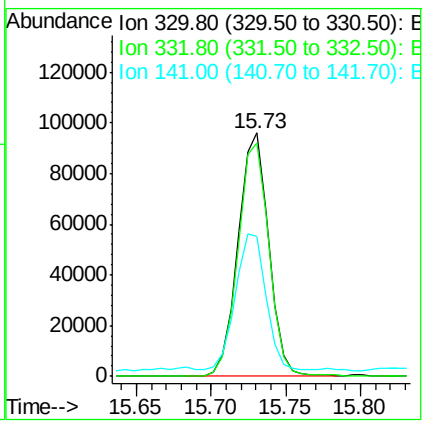


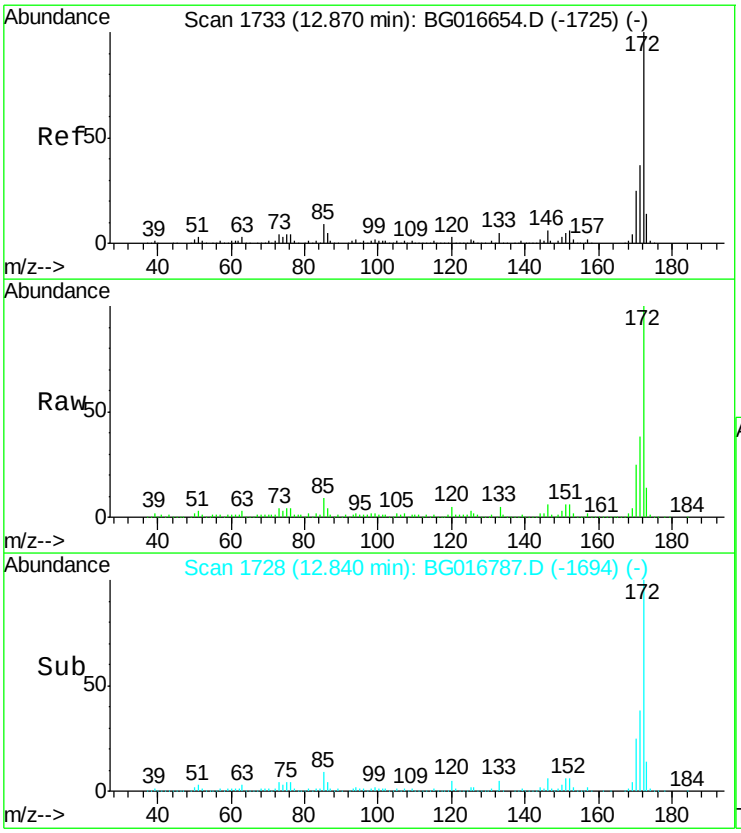
#41
2,4,6-Tribromophenol
Concen: 89.91 ng
RT: 15.73 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion:330 Resp: 136274

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	56.3	43.0	64.6

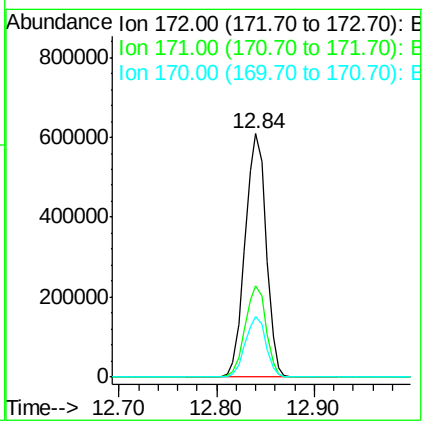


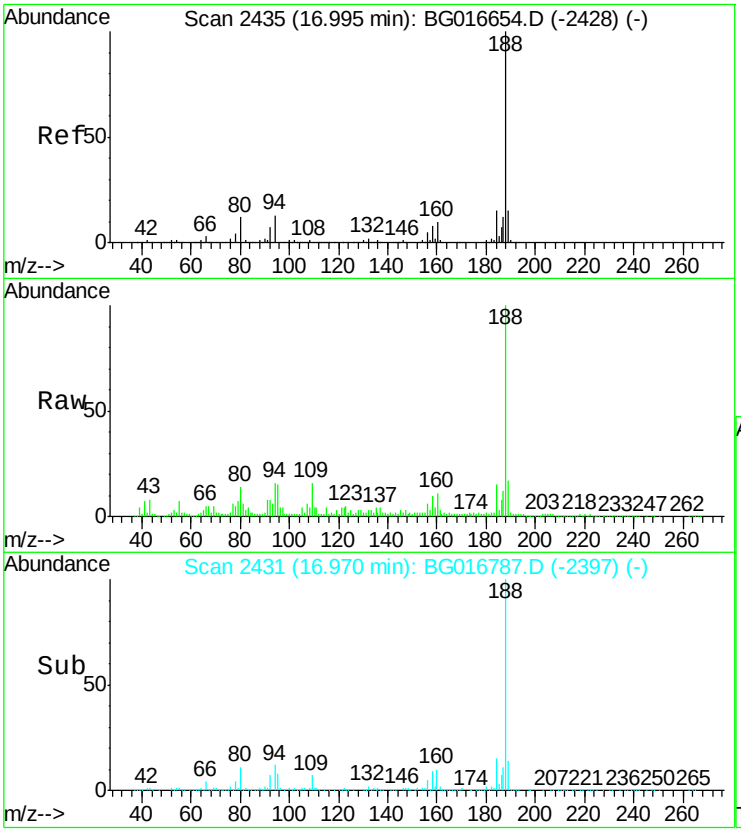


#44
2-Fluorobiphenyl
Concen: 71.62 ng
RT: 12.84 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Tgt Ion:172 Resp: 910811

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.9	44.9
170	24.9	19.8	29.8



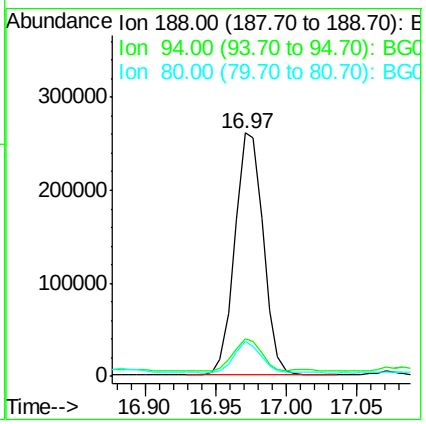


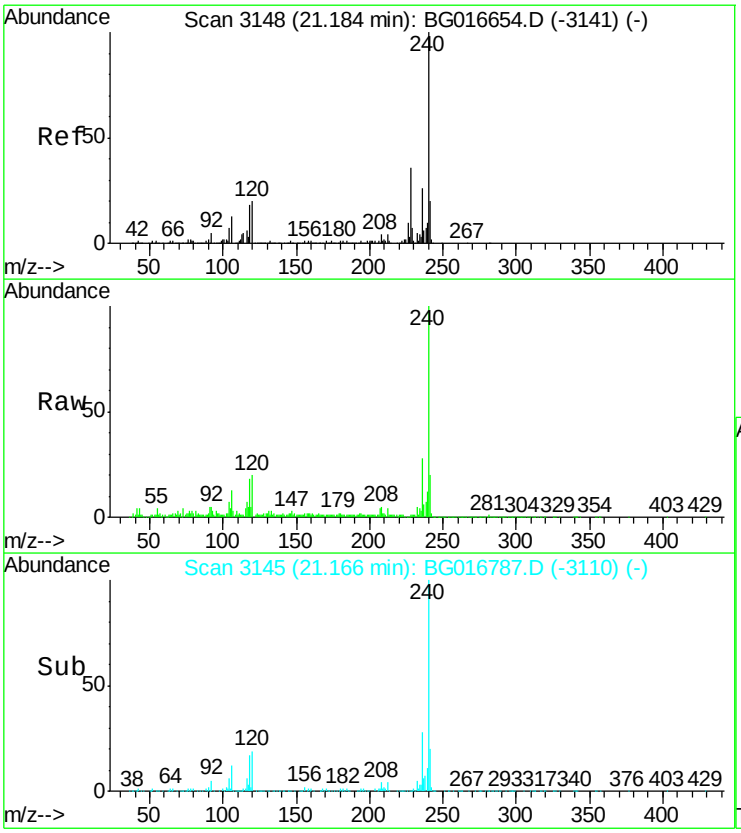
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion:188 Resp: 365138

Ion	Ratio	Lower	Upper
188	100		
94	15.7	10.7	16.1
80	14.2	9.9	14.9

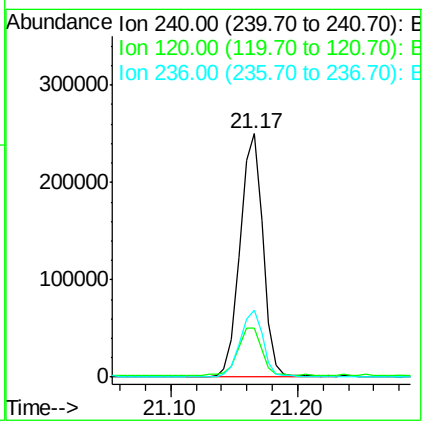


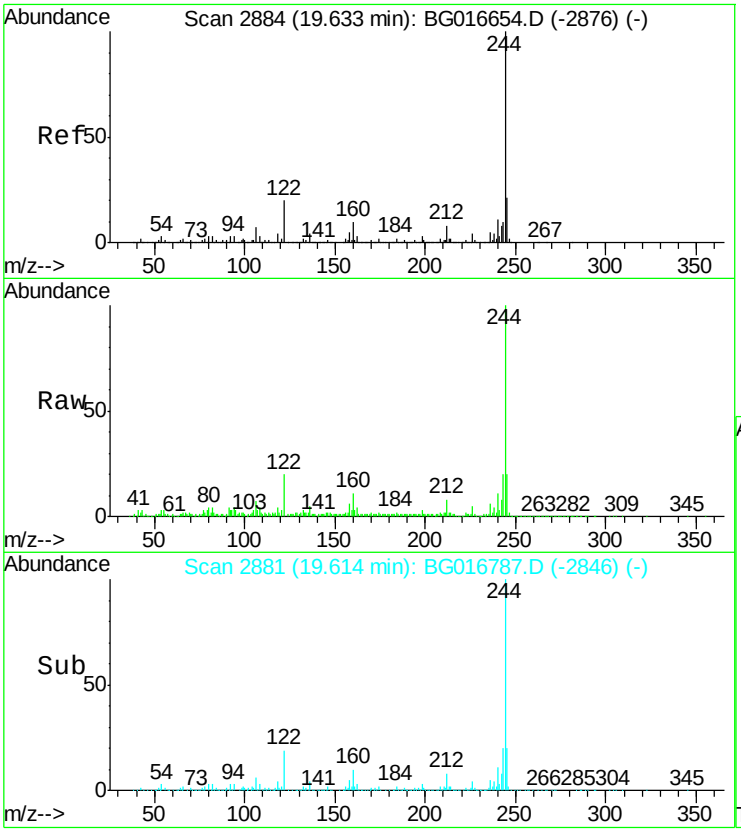


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.17 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Tgt Ion:240 Resp: 309102

Ion	Ratio	Lower	Upper
240	100		
120	20.2	16.3	24.5
236	27.7	21.1	31.7



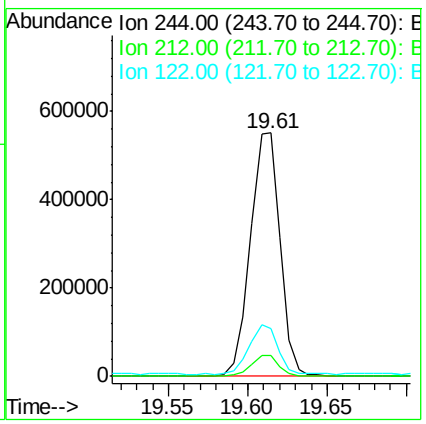


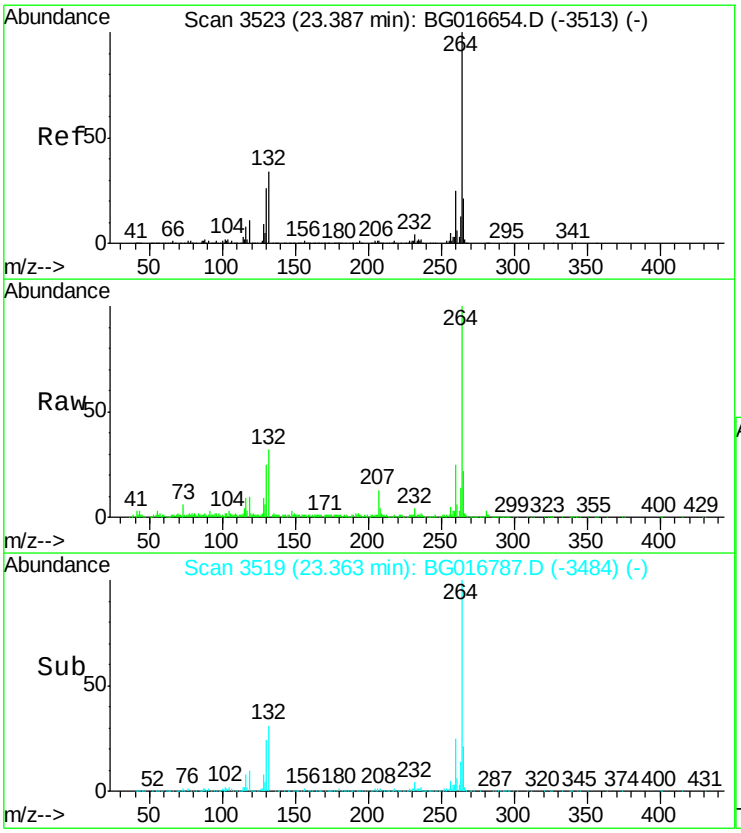
#78
Terphenyl-d14
Concen: 53.13 ng
RT: 19.61 min Scan# 2881
Delta R.T. 0.01 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Instrument :
BNA_G
ClientSampleId :
MW-25

Tgt Ion:244 Resp: 712965

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.4	9.6
122	19.7	15.9	23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG016787.D
Acq: 29 Apr 2015 6:46

Tgt Ion:264 Resp: 296996

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	21.6	16.8	25.2