Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091715\
Data File : BG018726.D
Acq On : 17 Sep 2015 3:53
Operator : TP
Sample : PB85527BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB85527BL

Quant Time: Sep 17 06:50:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 06:49:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	38815	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	166078	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	123784	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	381868	20.00	ng	0.00
75) Chrysene-d12	21.62	240	420386	20.00	ng	0.00
86) Perylene-d12	24.82	264	415970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	290835	129.44	ng	0.00
7) Phenol-d6	7.17	99	403812	125.34	ng	0.00
23) Nitrobenzene-d5	9.16	82	219926	74.10	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	215811	129.48	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	642654	72.07	ng	0.00
78) Terphenyl-d14	19.98	244	1234071	77.09	ng	0.00
Target Compounds						Qvalue

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

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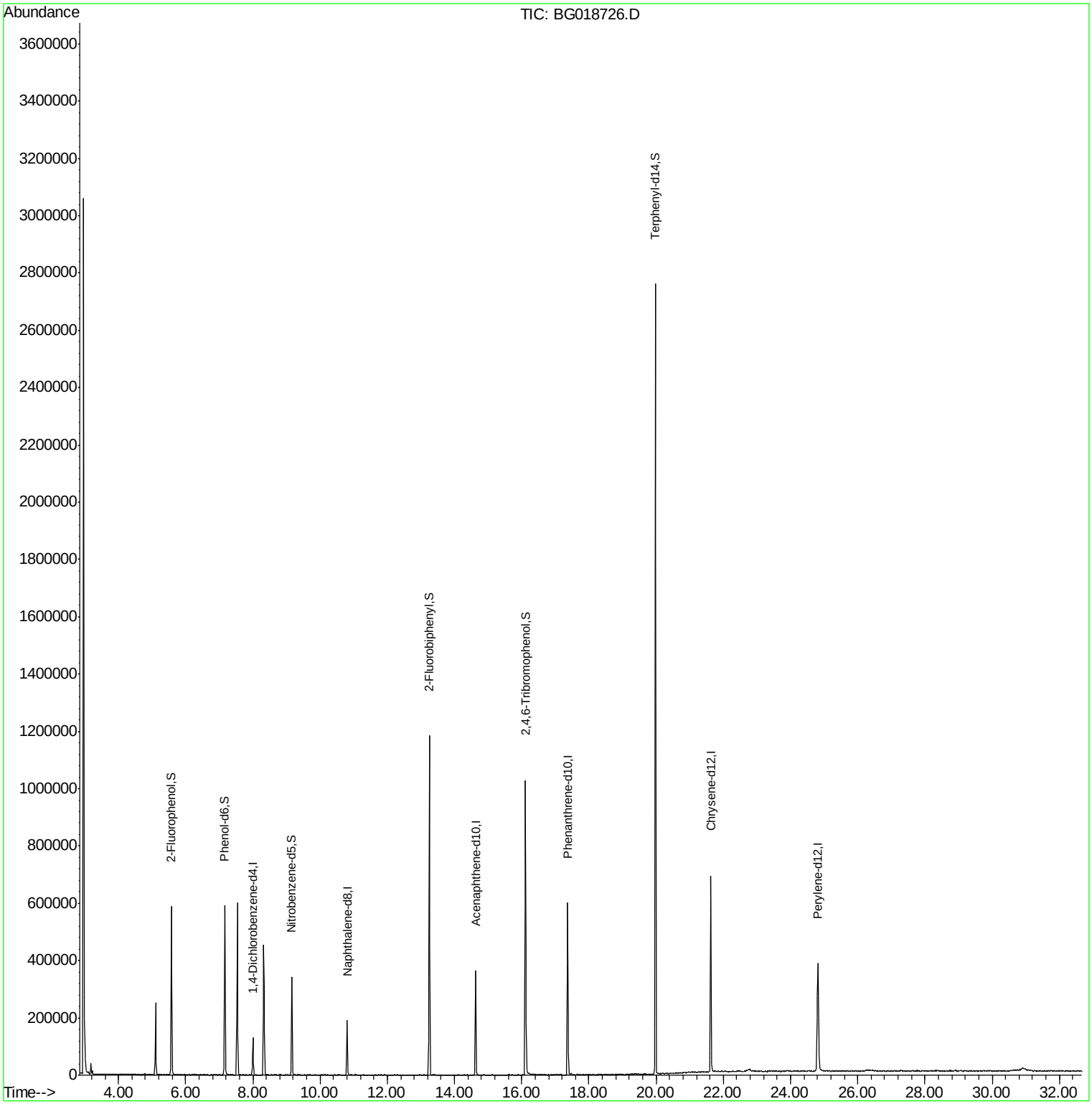
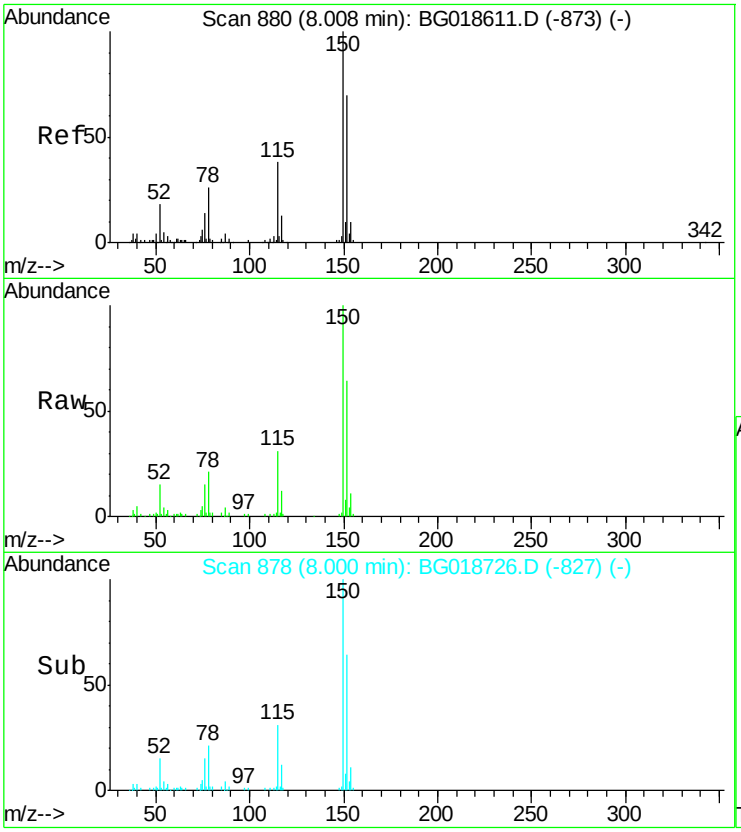


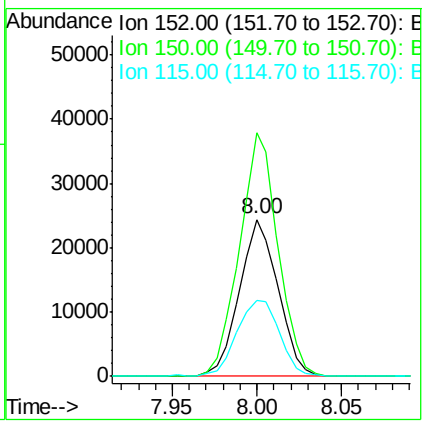


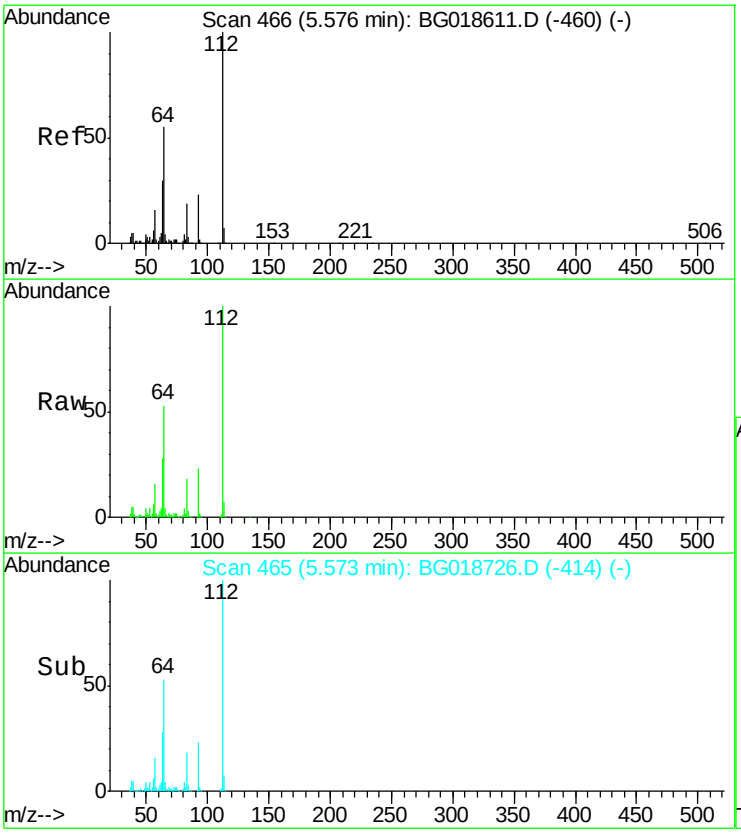
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 878
Delta R.T. -0.00 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Instrument :
BNA_G
ClientSampleId :
PB85527BL

Tgt Ion:152 Resp: 38815

Ion	Ratio	Lower	Upper
152	100		
150	155.1	115.0	172.4
115	48.0	43.9	65.9

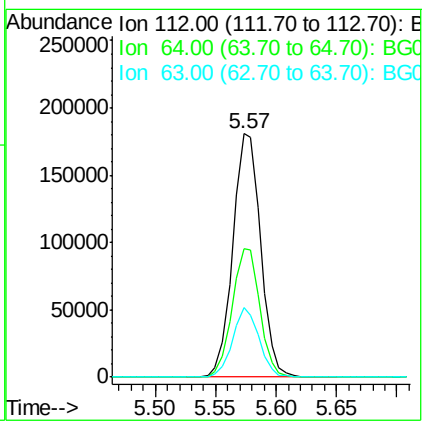


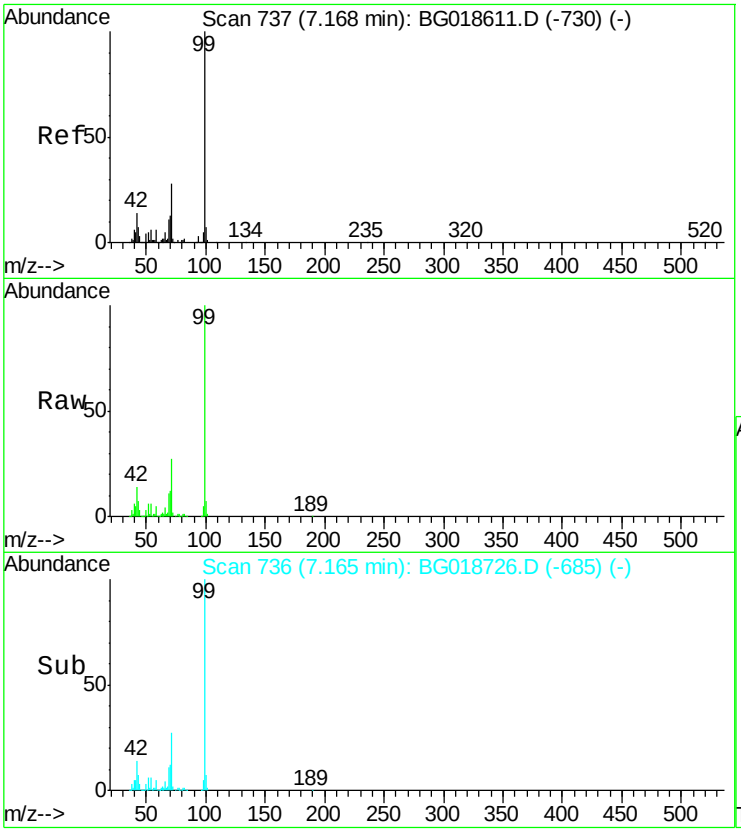


#5
2-Fluorophenol
Concen: 129.44 ng
RT: 5.57 min Scan# 465
Delta R.T. -0.00 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Tgt Ion:112 Resp: 290835

Ion	Ratio	Lower	Upper
112	100		
64	52.8	43.7	65.5
63	28.4	24.0	36.0



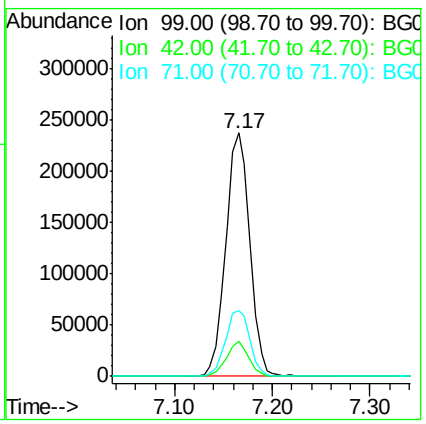


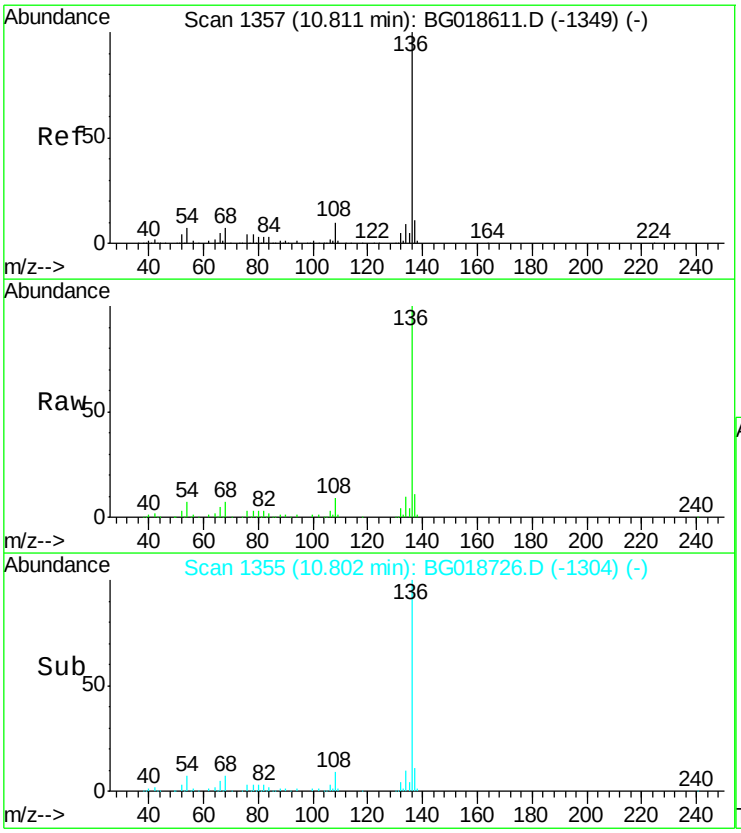
#7
Phenol-d6
Concen: 125.34 ng
RT: 7.17 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Instrument :
BNA_G
ClientSampleId :
PB85527BL

Tgt Ion: 99 Resp: 403812

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.5	17.3
71	27.2	22.6	34.0

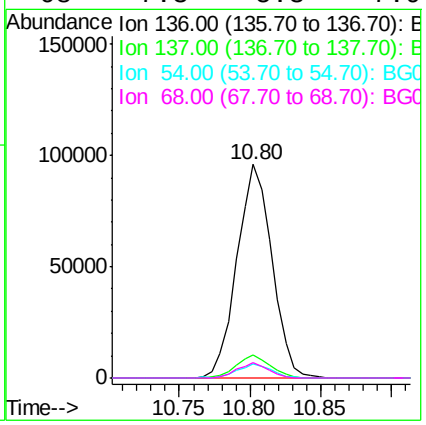


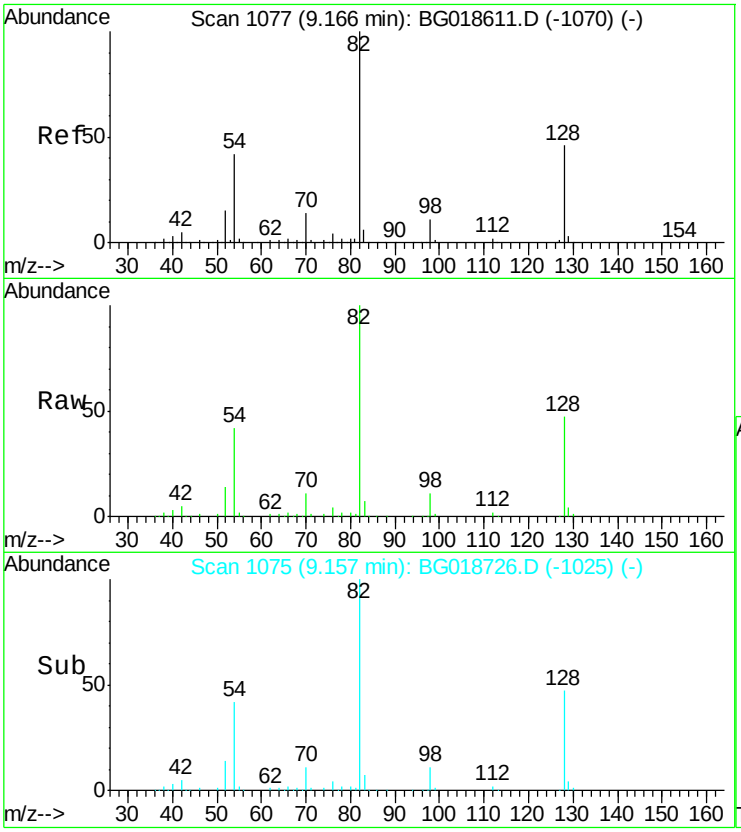


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.80 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Tgt Ion:136 Resp: 166078

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.9	5.4	8.2
68	7.3	5.3	7.9



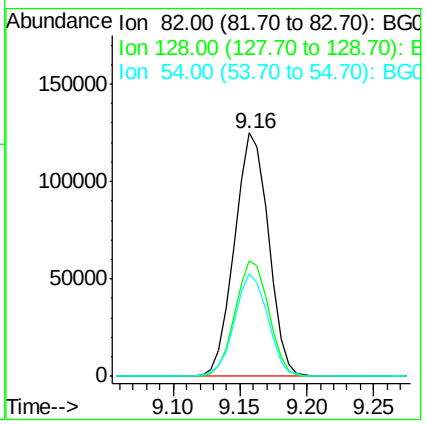


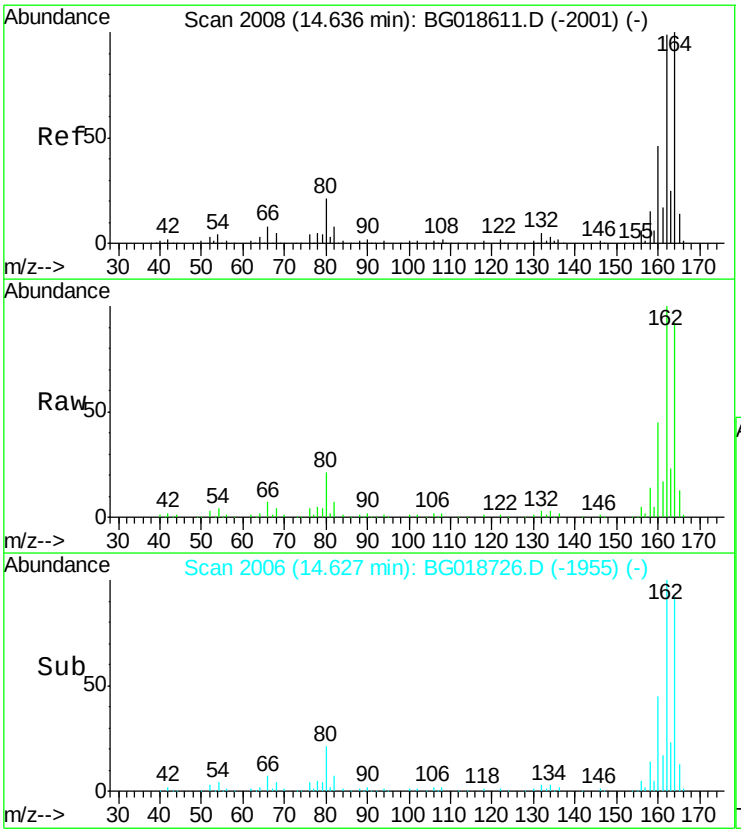
#23
Nitrobenzene-d5
Concen: 74.10 ng
RT: 9.16 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Instrument :
BNA_G
ClientSampleId :
PB85527BL

Tgt Ion: 82 Resp: 219926

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.7	55.1
54	42.3	33.8	50.8

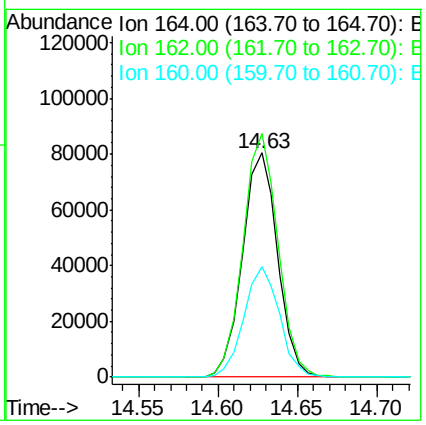


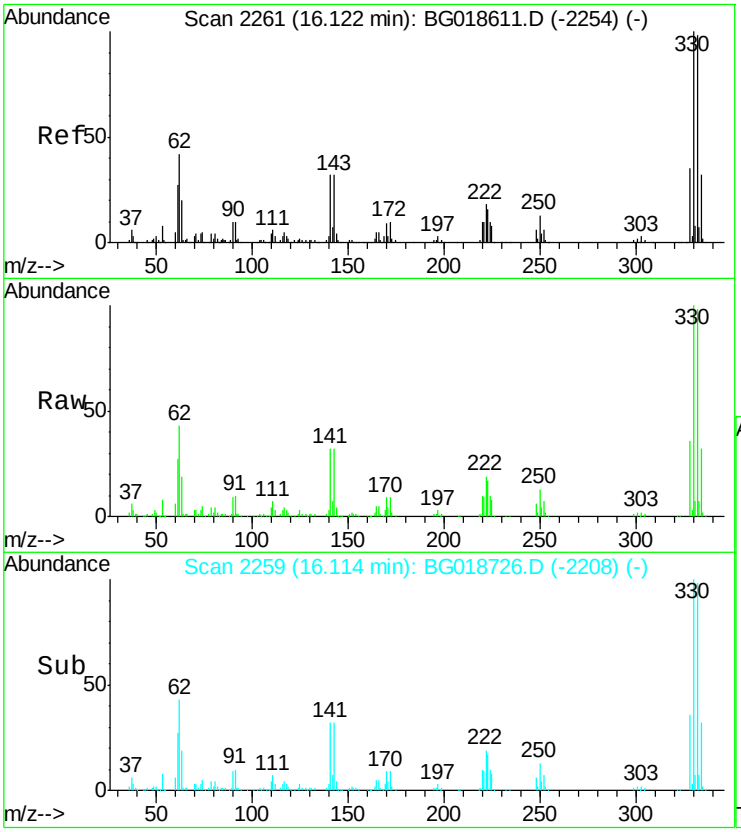


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Tgt Ion:164 Resp: 123784

Ion	Ratio	Lower	Upper
164	100		
162	108.6	78.8	118.2
160	49.2	36.4	54.6



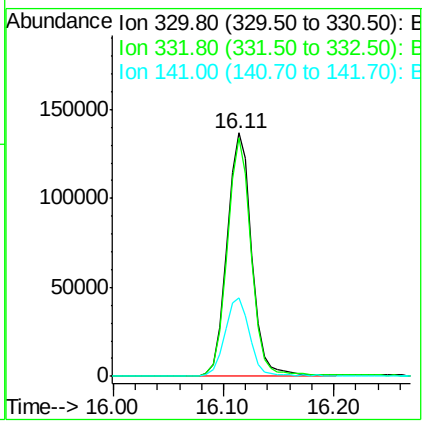


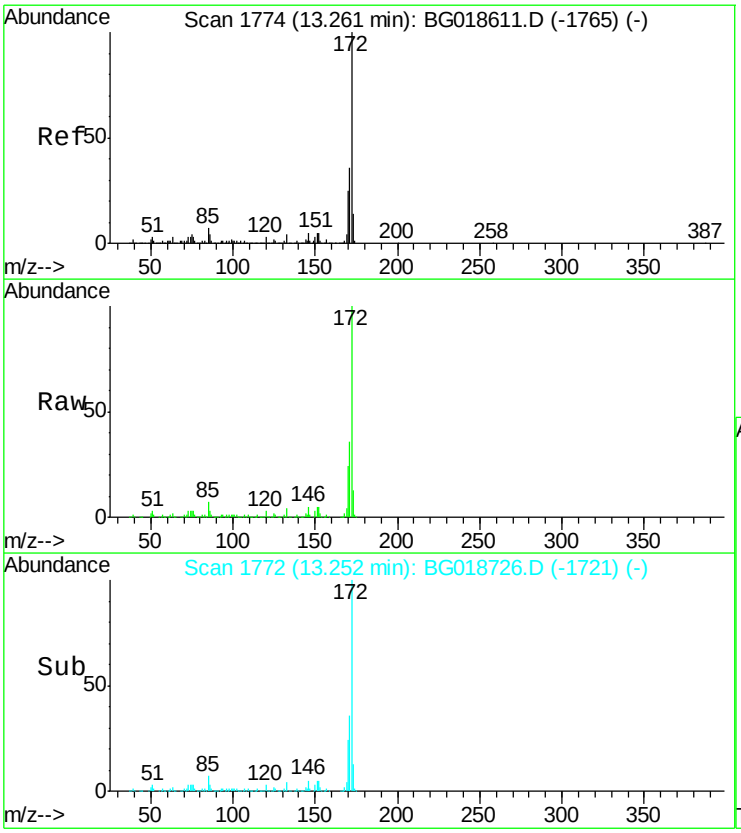
#41
2,4,6-Tribromophenol
Concen: 129.48 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Instrument :
BNA_G
ClientSampleId :
PB85527BL

Tgt Ion:330 Resp: 215811

Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.1	117.1
141	32.1	28.2	42.2

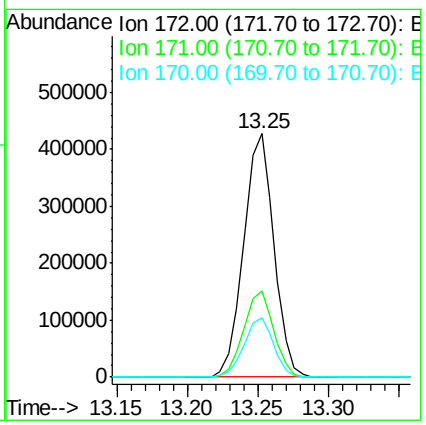


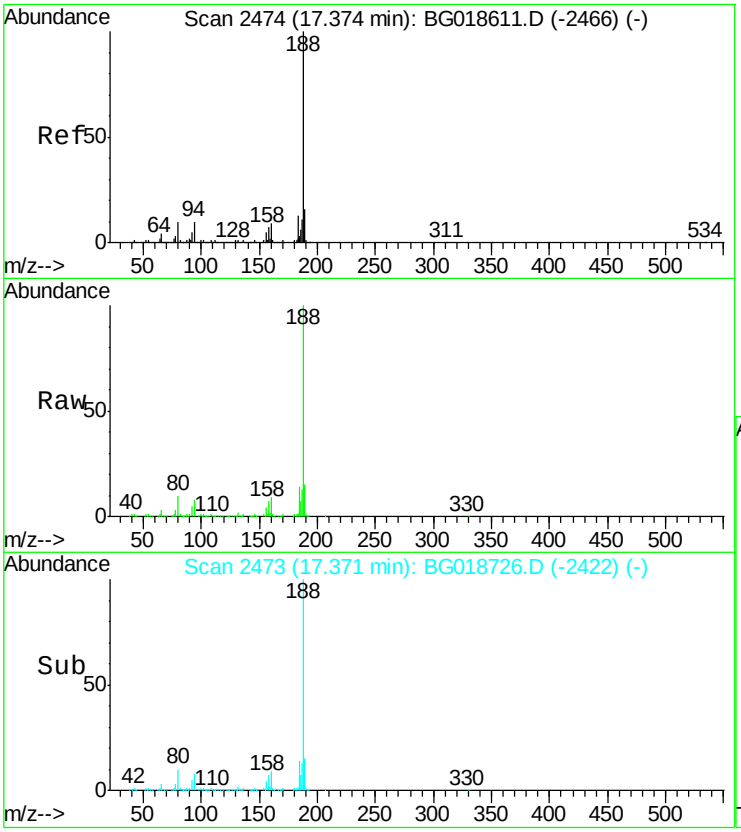


#44
2-Fluorobiphenyl
Concen: 72.07 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Tgt Ion:172 Resp: 642654

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.5	19.9	29.9



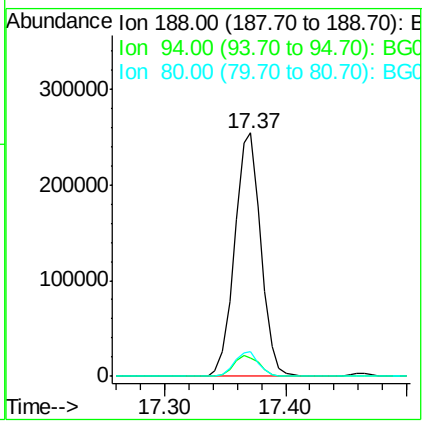


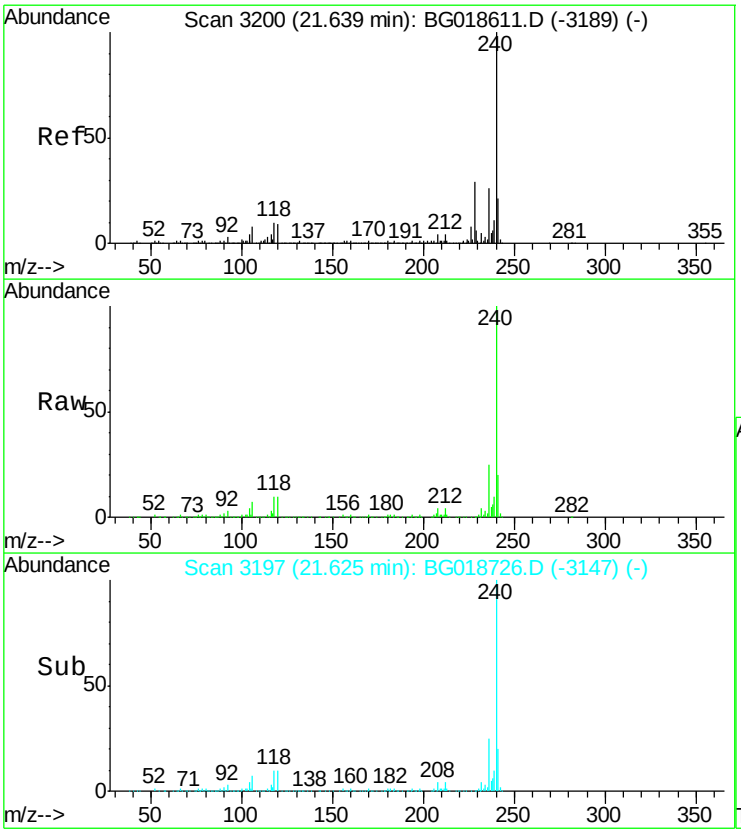
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Instrument :
BNA_G
ClientSampleId :
PB85527BL

Tgt Ion:188 Resp: 381868

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.7	11.5
80	10.0	7.8	11.8

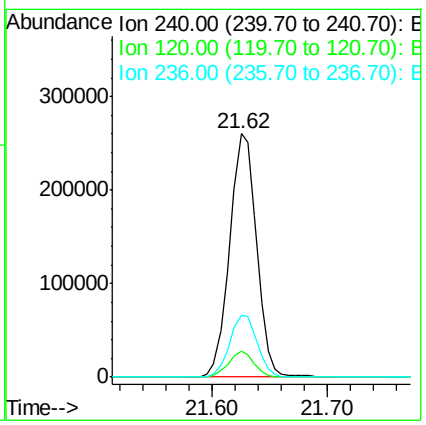


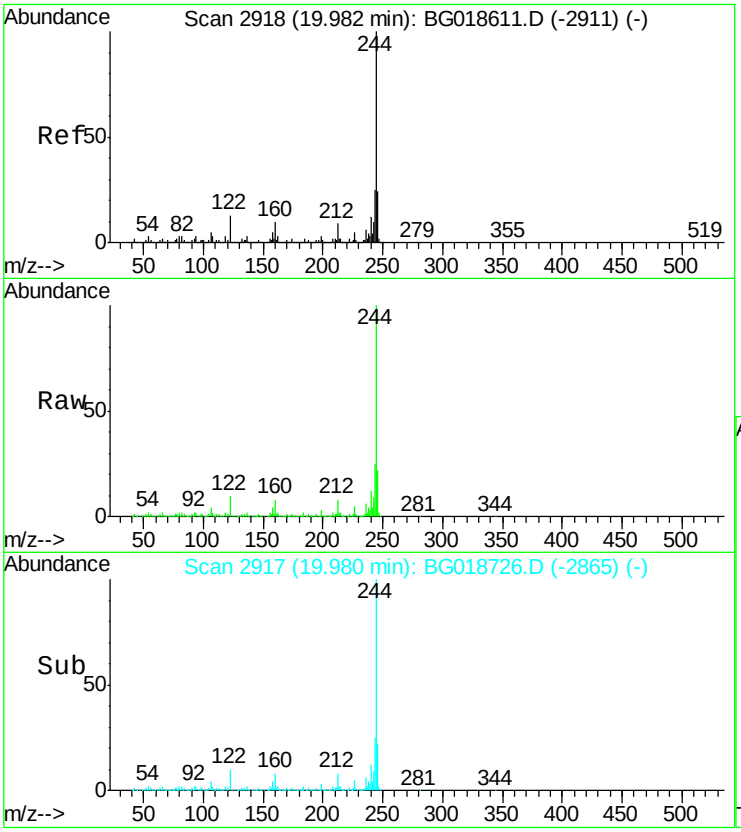


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Tgt Ion:240 Resp: 420386

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.4	11.0
236	25.4	20.7	31.1



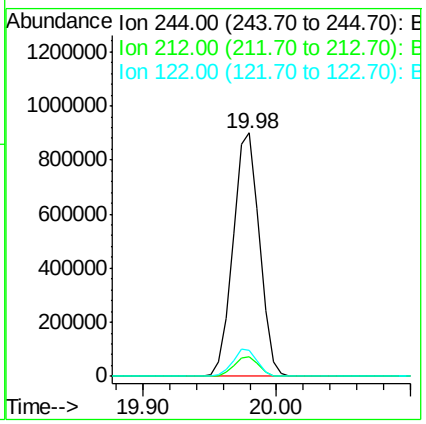


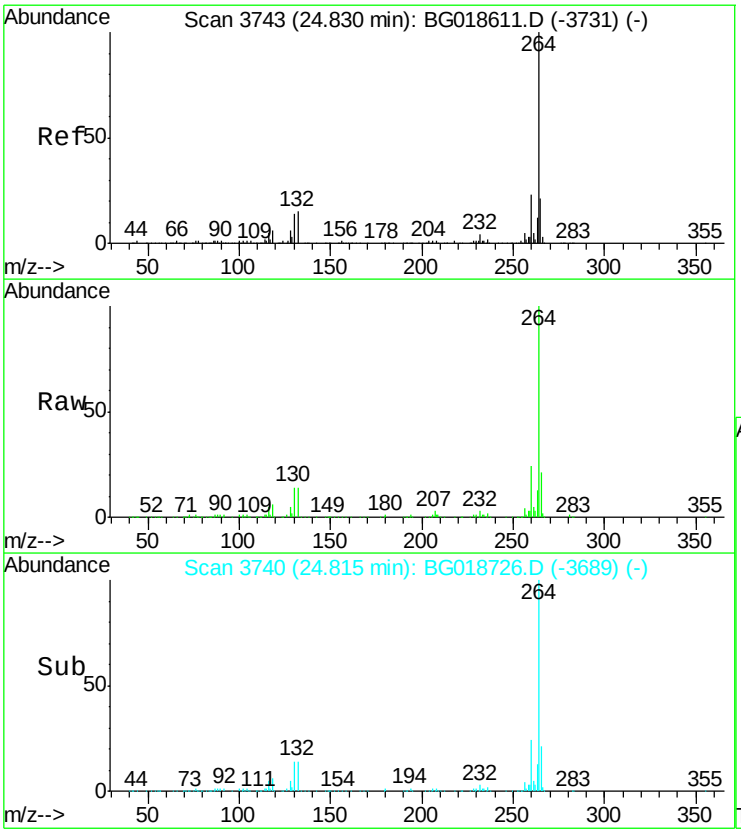
#78
Terphenyl-d14
Concen: 77.09 ng
RT: 19.98 min Scan# 2917
Delta R.T. 0.00 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Instrument :
BNA_G
ClientSampleId :
PB85527BL

Tgt Ion:244 Resp: 1234071

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	10.5	10.2	15.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3740
Delta R.T. -0.00 min
Lab File: BG018726.D
Acq: 17 Sep 2015 3:53

Tgt Ion:264 Resp: 415970

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	20.7	17.2	25.8