Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Time: May 05 01:39:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 00:58:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	69377	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	285203	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	142421	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	276126	20.00	ng	0.00
75) Chrysene-d12	16.29	240	278593	20.00	ng	-0.03
86) Perylene-d12	18.15	264	271527	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	329608	81.78	ng	0.01
7) Phenol-d6	6.90	99	312996	58.75	ng	0.00
23) Nitrobenzene-d5	8.04	82	432072	87.07	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	221991	144.08	ng	0.00
44) 2-Fluorobiphenyl	10.29	172	918283	89.83	ng	0.00
78) Terphenyl-d14	14.96	244	1129449	97.06	ng	0.00
Target Compounds						Qvalue
51) Acenaphthene	11.15	154	19951	2.31	ng	93
57) Fluorene	11.79	166	31814	3.10	ng	99

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

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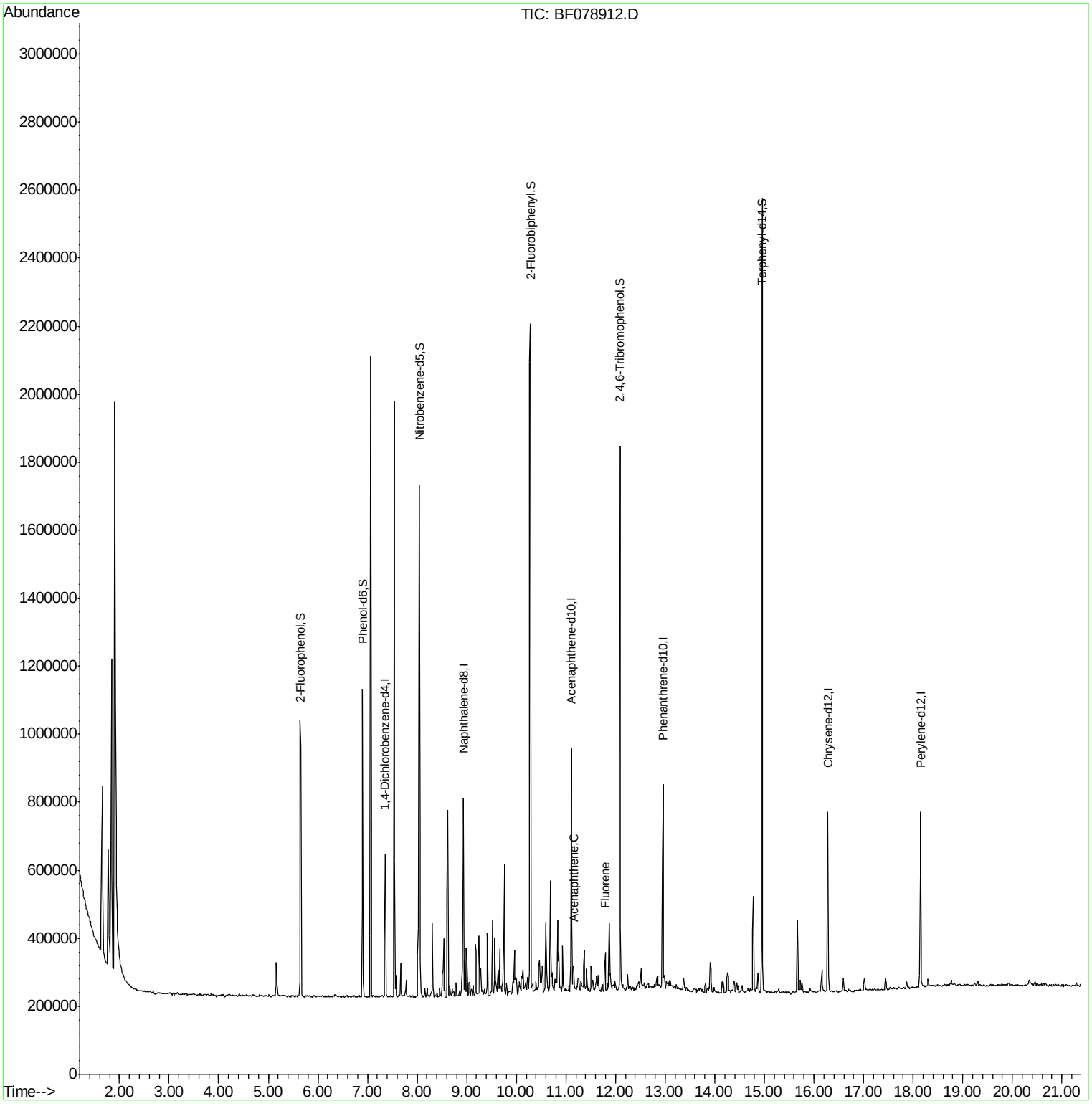
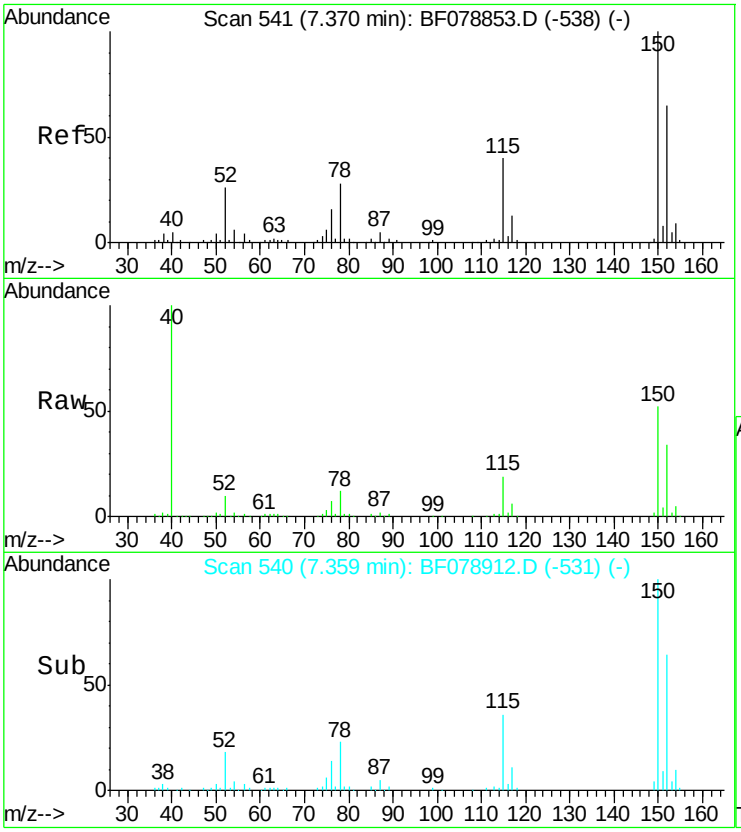


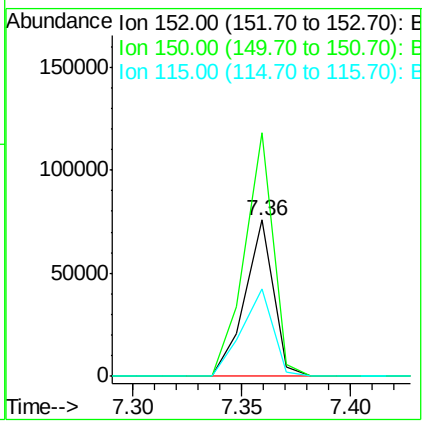


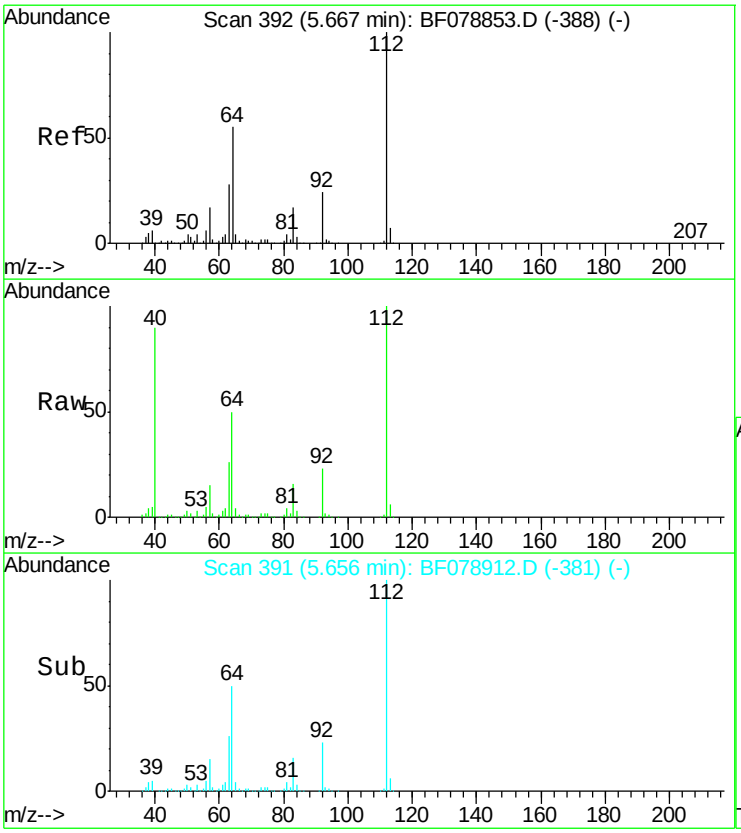
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:152 Resp: 69377

Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.0	183.0
115	55.8	46.3	69.5

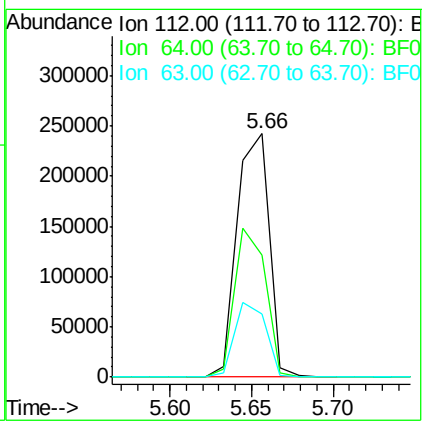


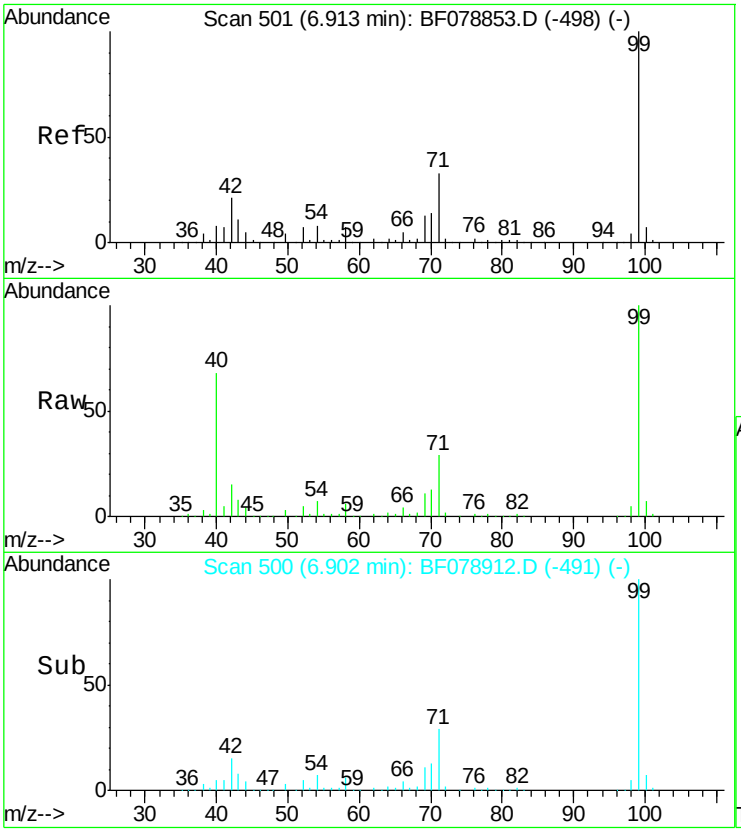


#5
2-Fluorophenol
Concen: 81.78 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Tgt Ion:112 Resp: 329608

Ion	Ratio	Lower	Upper
112	100		
64	50.1	53.5	80.3#
63	25.9	27.5	41.3#



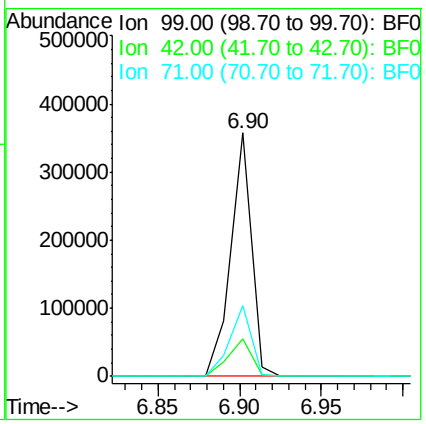


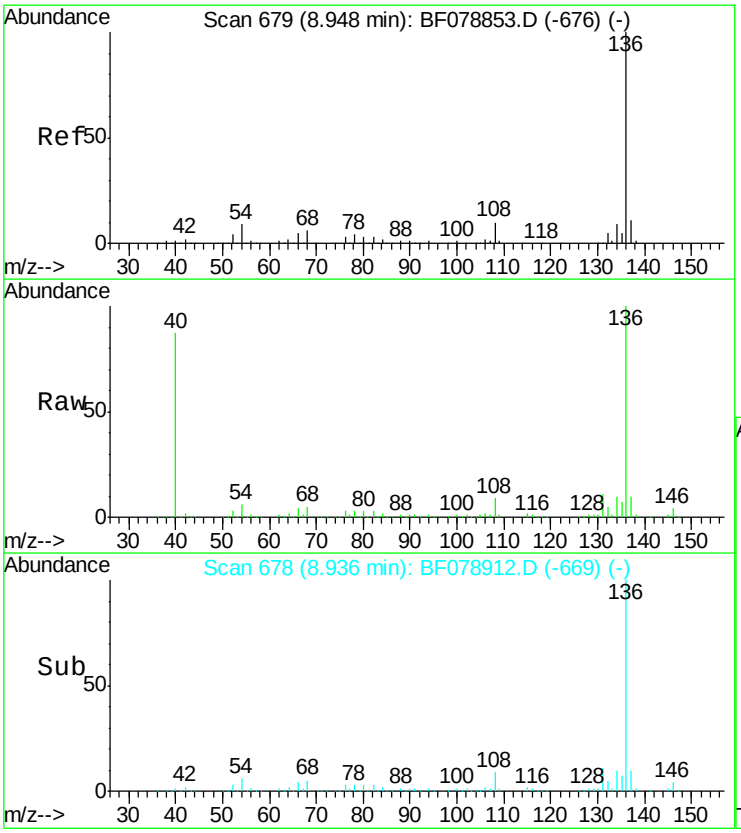
#7
Phenol-d6
Concen: 58.75 ng
RT: 6.90 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion: 99 Resp: 312996

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	29.3	23.4	35.2

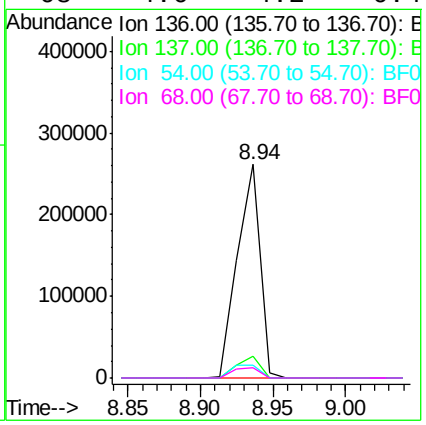


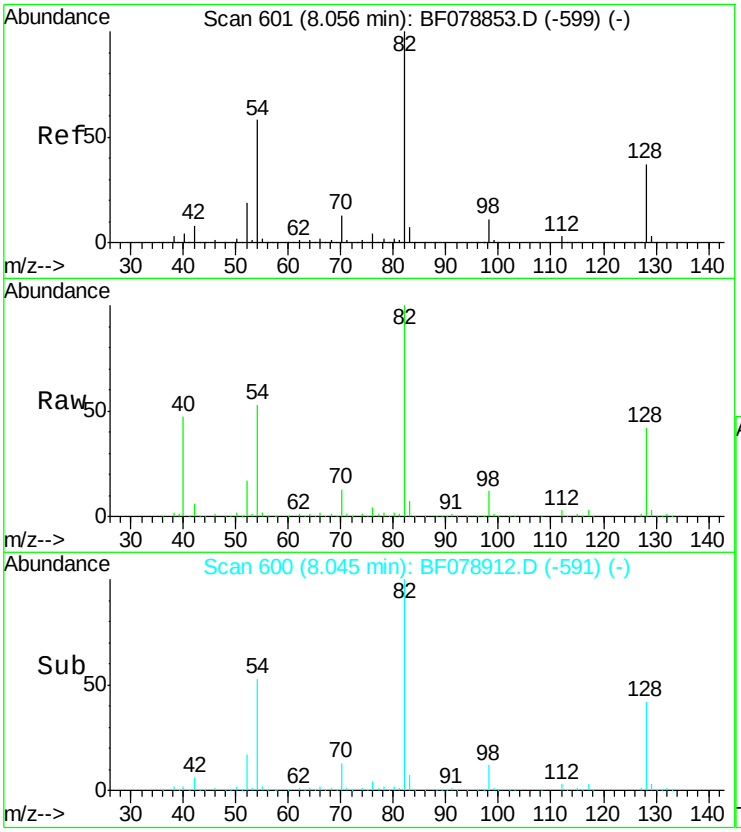


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Tgt Ion:136 Resp: 285203

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.1	5.8	8.8
68	4.6	4.2	6.4



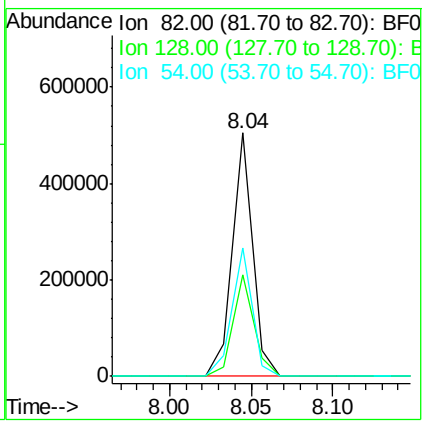


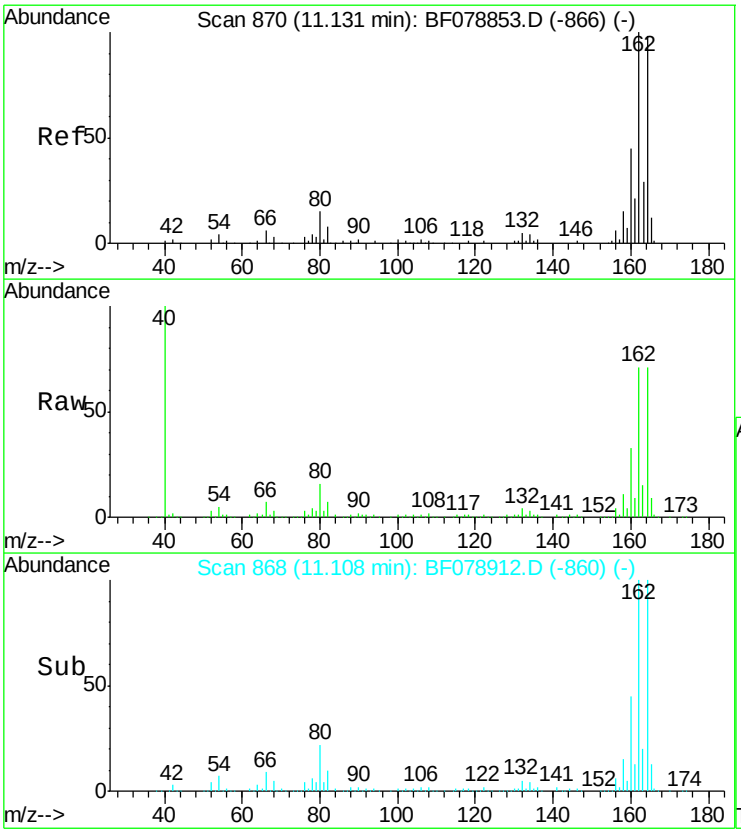
#23
Nitrobenzene-d5
Concen: 87.07 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion: 82 Resp: 432072

Ion	Ratio	Lower	Upper
82	100		
128	41.9	30.0	45.0
54	52.7	46.4	69.6

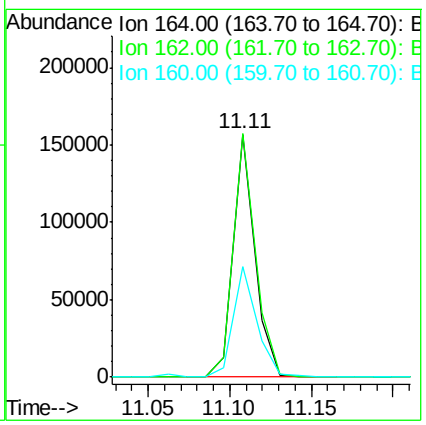


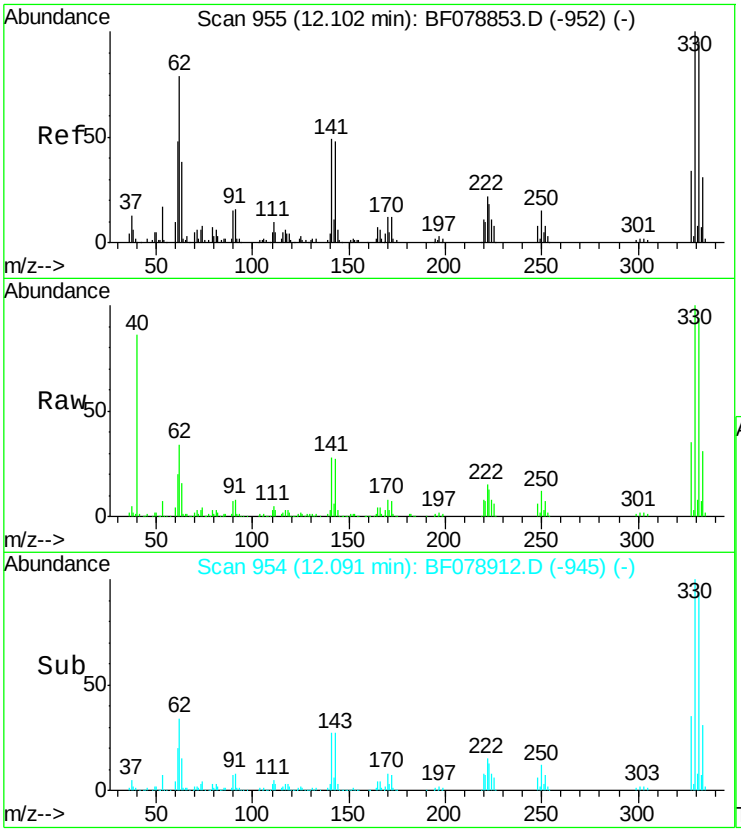


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Tgt Ion:164 Resp: 142421

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.7	124.1
160	45.7	35.8	53.8



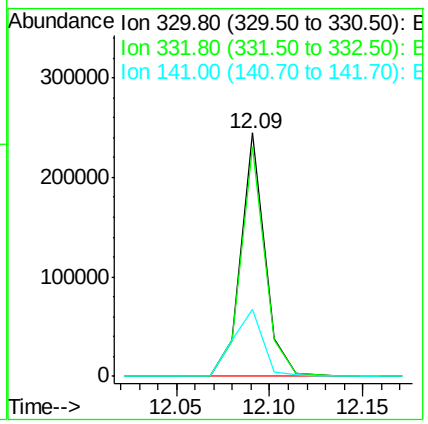


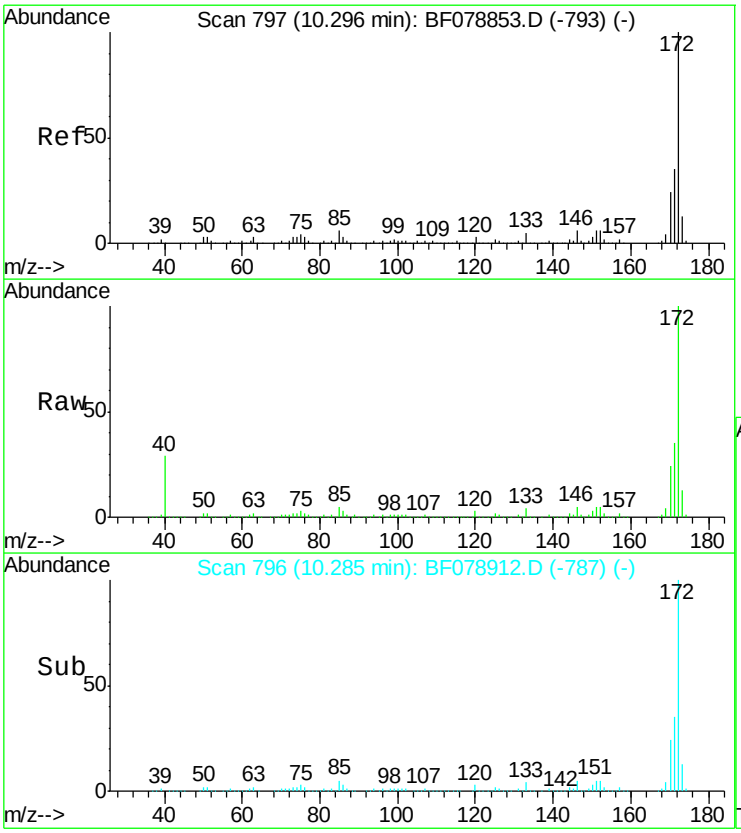
#41
2,4,6-Tribromophenol
Concen: 144.08 ng
RT: 12.09 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:330 Resp: 221991

Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	34.5	0.0	0.0#

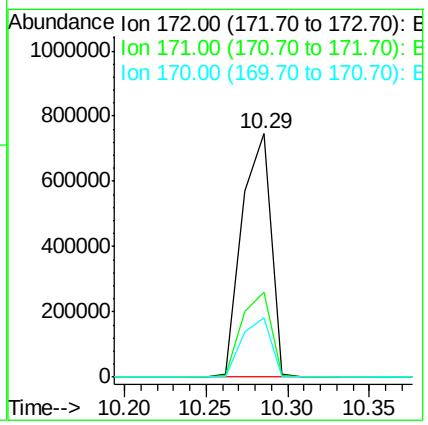


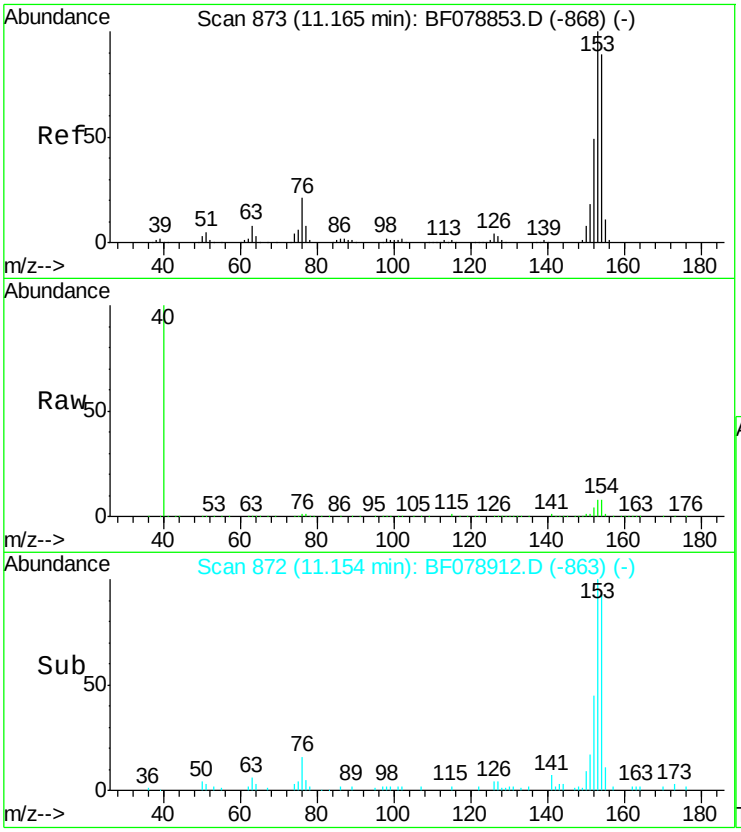


#44
2-Fluorobiphenyl
Concen: 89.83 ng
RT: 10.29 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Tgt Ion:172 Resp: 918283

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	24.5	19.4	29.0



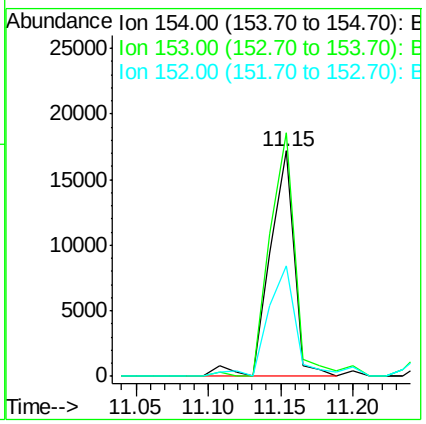


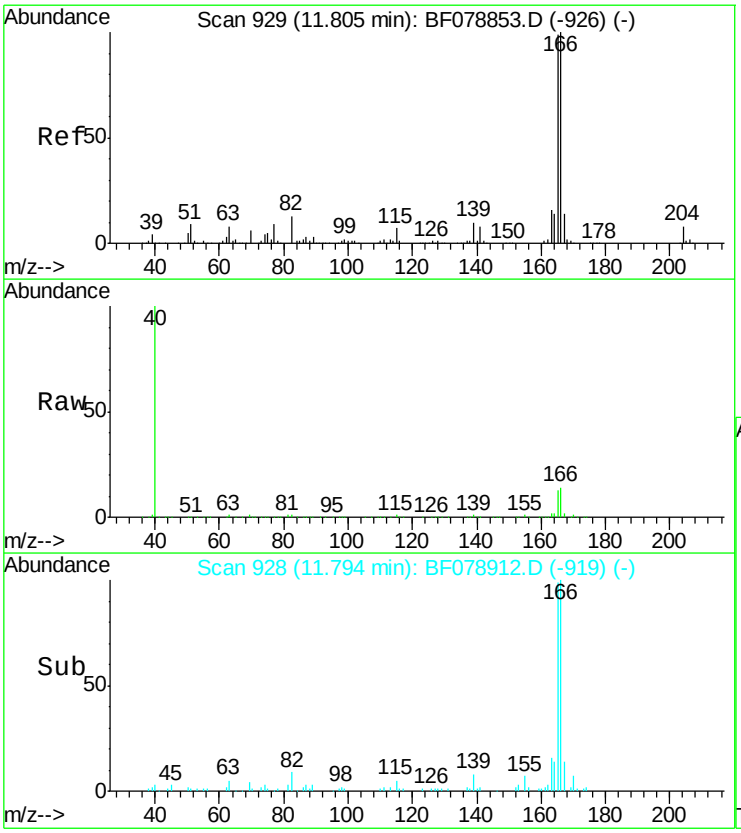
#51
Acenaphthene
Concen: 2.31 ng
RT: 11.15 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:154 Resp: 19951

Ion	Ratio	Lower	Upper
154	100		
153	108.1	91.5	137.3
152	49.1	44.2	66.4

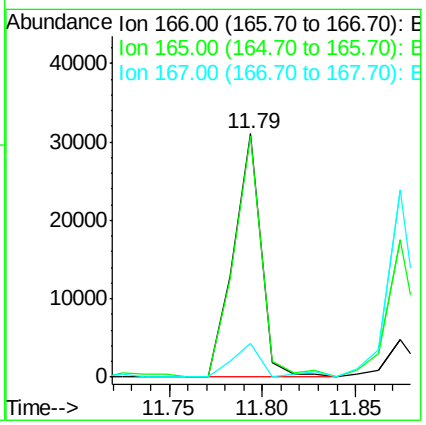


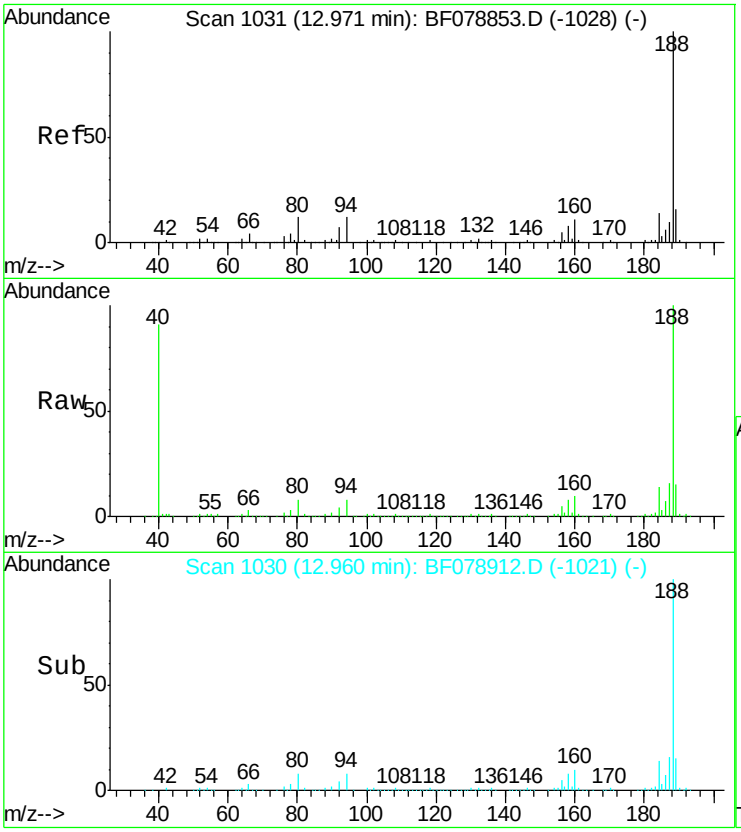


#57
Fluorene
Concen: 3.10 ng
RT: 11.79 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Tgt Ion:166 Resp: 31814

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.5	117.7
167	13.8	11.0	16.6



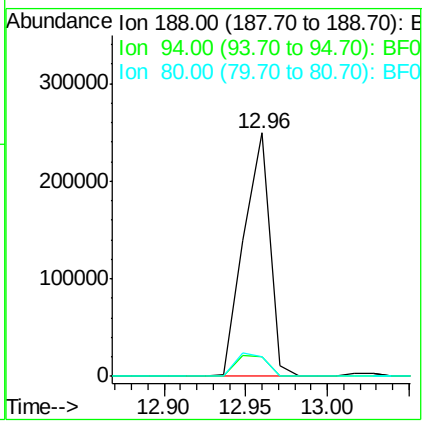


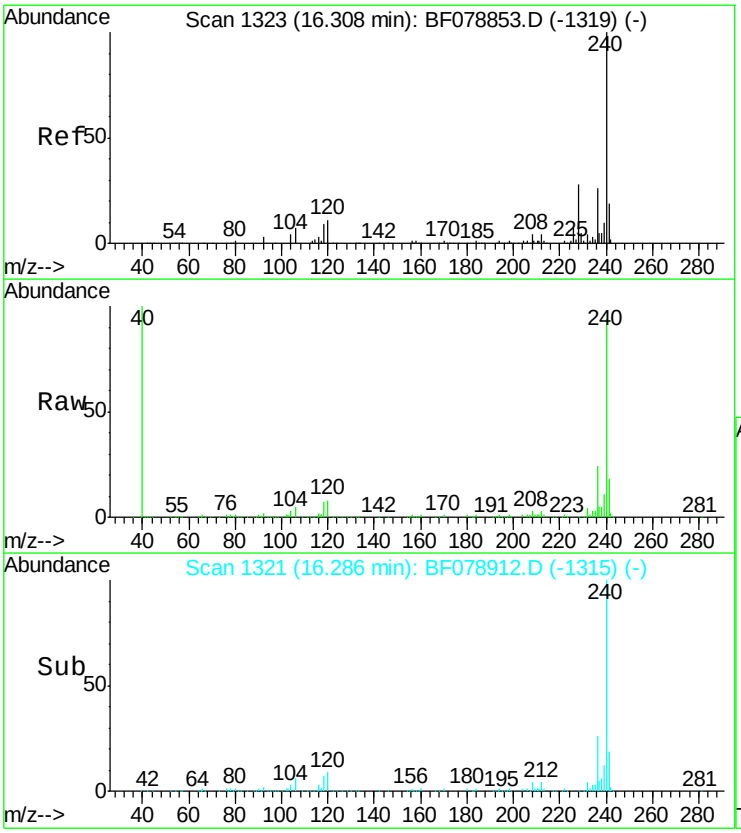
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:188 Resp: 276126

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.2	12.2#
80	8.0	8.9	13.3#

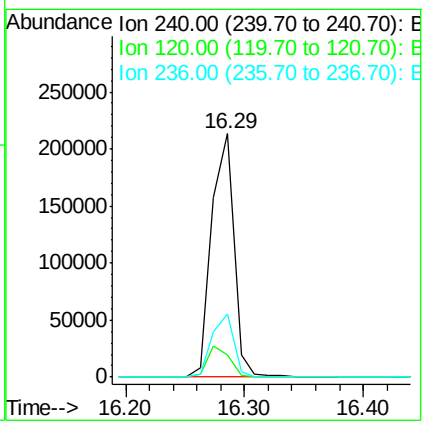


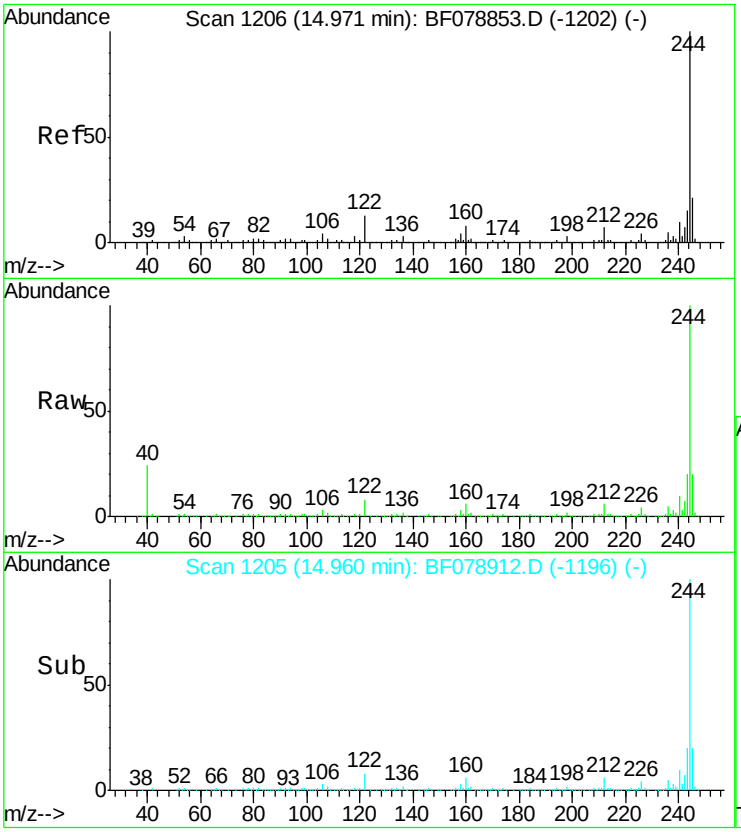


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Tgt Ion:240 Resp: 278593

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.7	14.5#
236	25.8	20.2	30.4



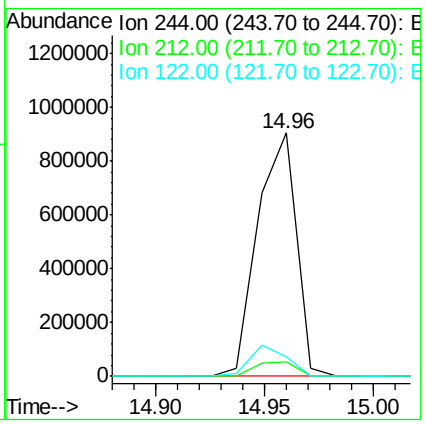


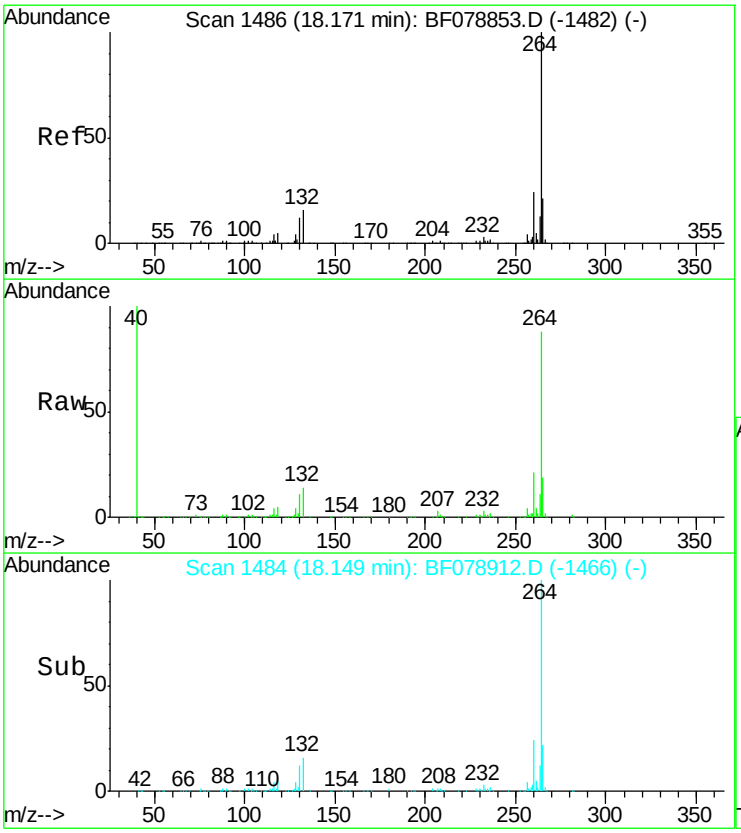
#78
Terphenyl-d14
Concen: 97.06 ng
RT: 14.96 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Tgt Ion:244 Resp: 1129449

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.6	8.4
122	8.1	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.15 min Scan# 1484
Delta R.T. -0.09 min
Lab File: BF078912.D
Acq: 4 May 2015 12:08

Tgt Ion:264 Resp: 271527

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.0	18.3	27.5