Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078325.D
Acq On : 8 Apr 2015 6:32
Operator : TP/IZ
Sample : G1783-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD-8

Quant Time: Apr 08 06:54:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 03:14:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	29681	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	121558	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	62086	20.00	ng		0.00
63) Phenanthrene-d10	12.50	188	122883	20.00	ng		0.00
75) Chrysene-d12	15.77	240	135162	20.00	ng		0.00
86) Perylene-d12	17.44	264	128398	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	267769	148.75	ng		0.01
7) Phenol-d6	6.53	99	352824	156.39	ng		0.01
23) Nitrobenzene-d5	7.63	82	199345	99.40	ng		0.00
41) 2,4,6-Tribromophenol	11.65	330	89891	174.57	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	435988	100.38	ng		0.00
78) Terphenyl-d14	14.50	244	523983	87.60	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.54	94	10995	4.07	ng		75
49) Dimethylphthalate	10.37	163	43689	9.37	ng	#	99

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

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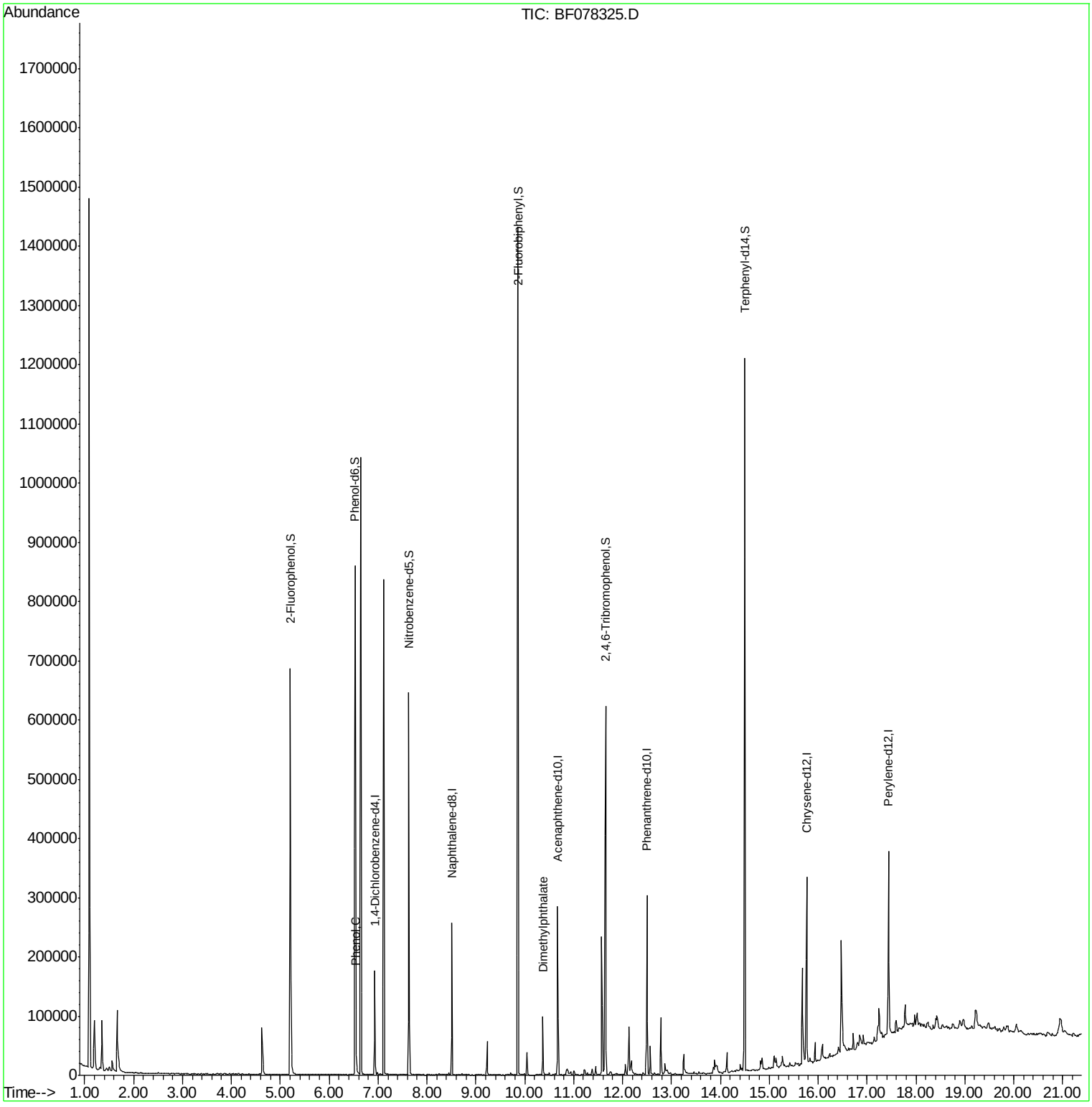
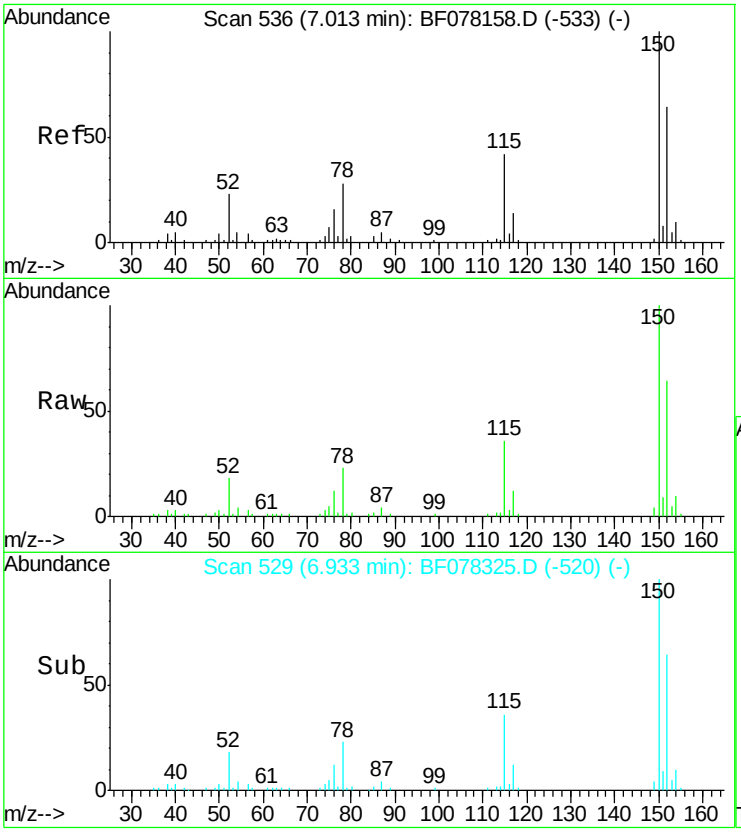


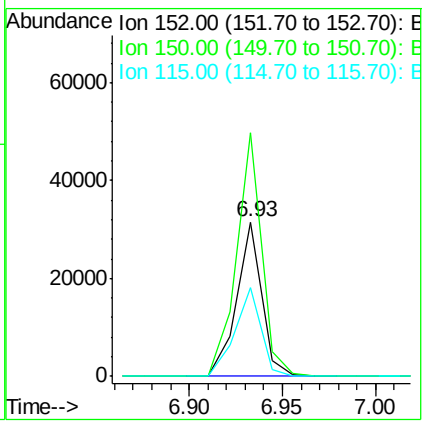


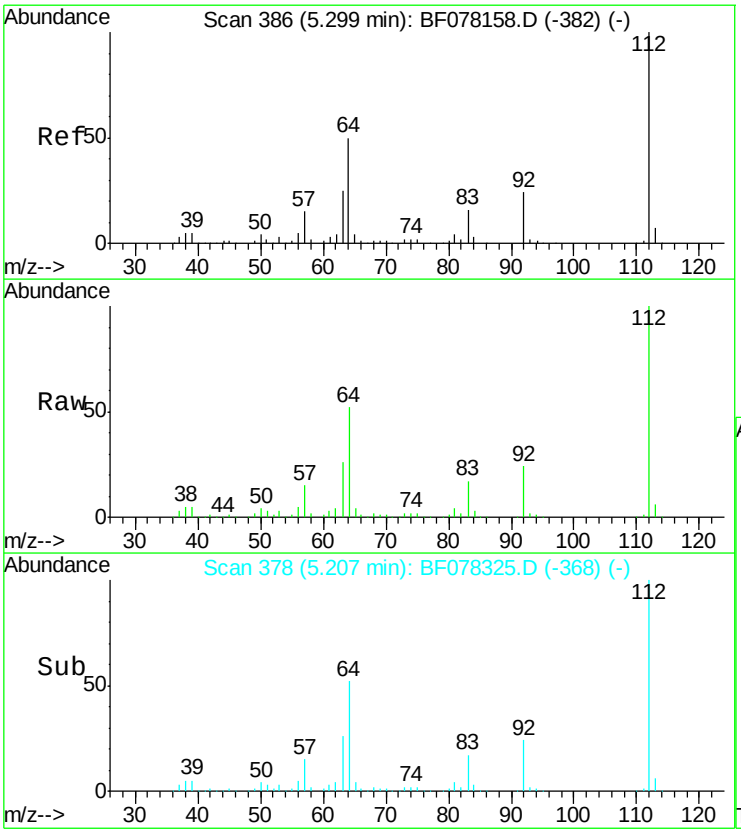
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Instrument :
BNA_F
ClientSampleId :
FD-8

Tgt Ion:152 Resp: 29681

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	57.1	52.7	79.1

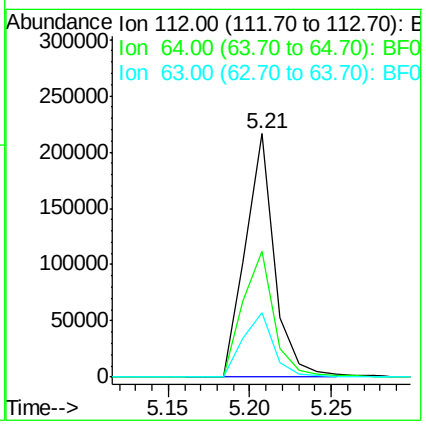


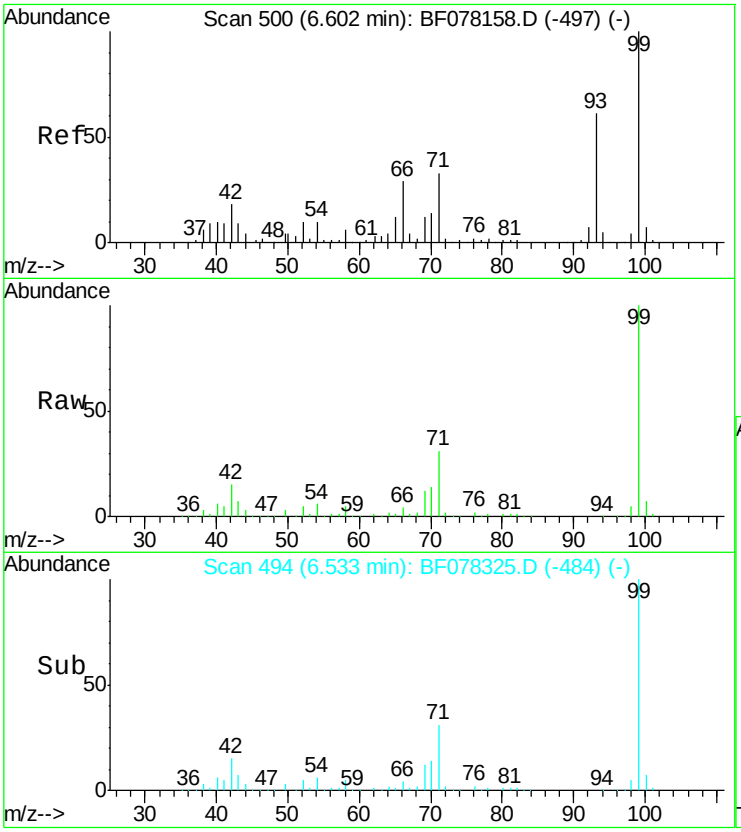


#5
2-Fluorophenol
Concen: 148.75 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Tgt Ion:112 Resp: 267769

Ion	Ratio	Lower	Upper
112	100		
64	51.8	39.9	59.9
63	26.3	20.2	30.4



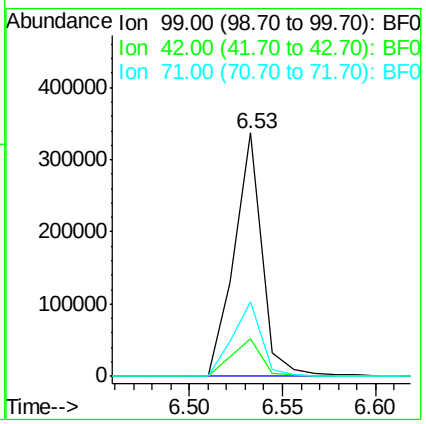


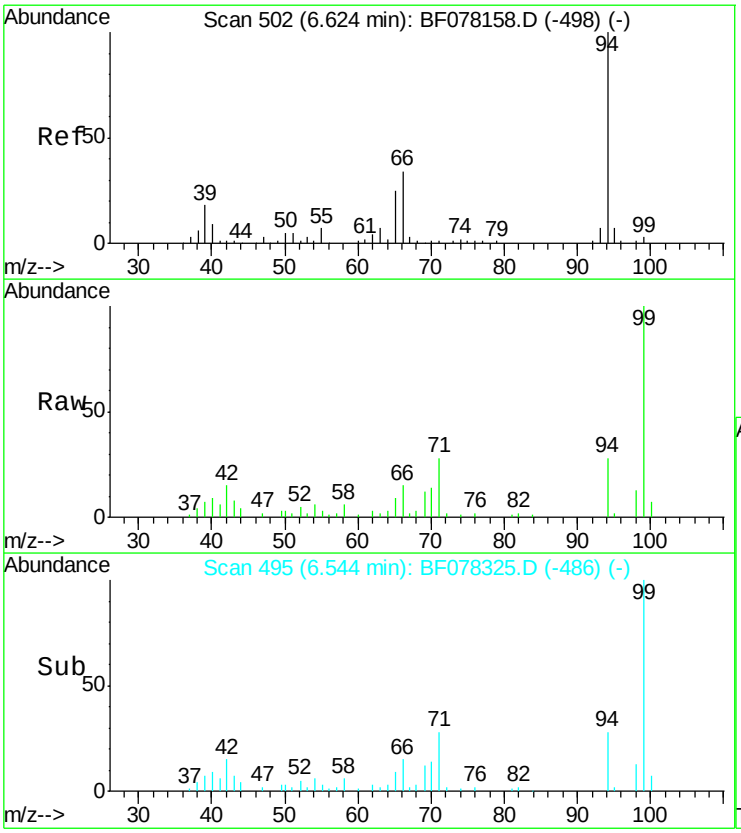
#7
Phenol-d6
Concen: 156.39 ng
RT: 6.53 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Instrument :
BNA_F
ClientSampleId :
FD-8

Tgt Ion: 99 Resp: 352824

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.8	22.2
71	30.8	26.6	39.8

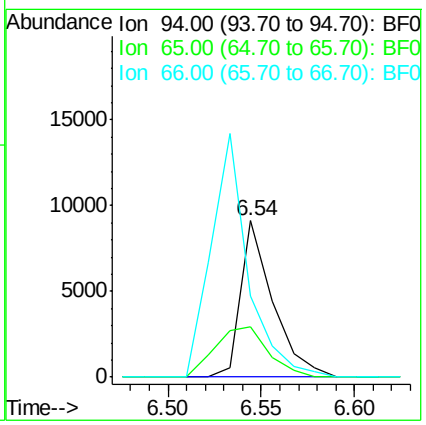


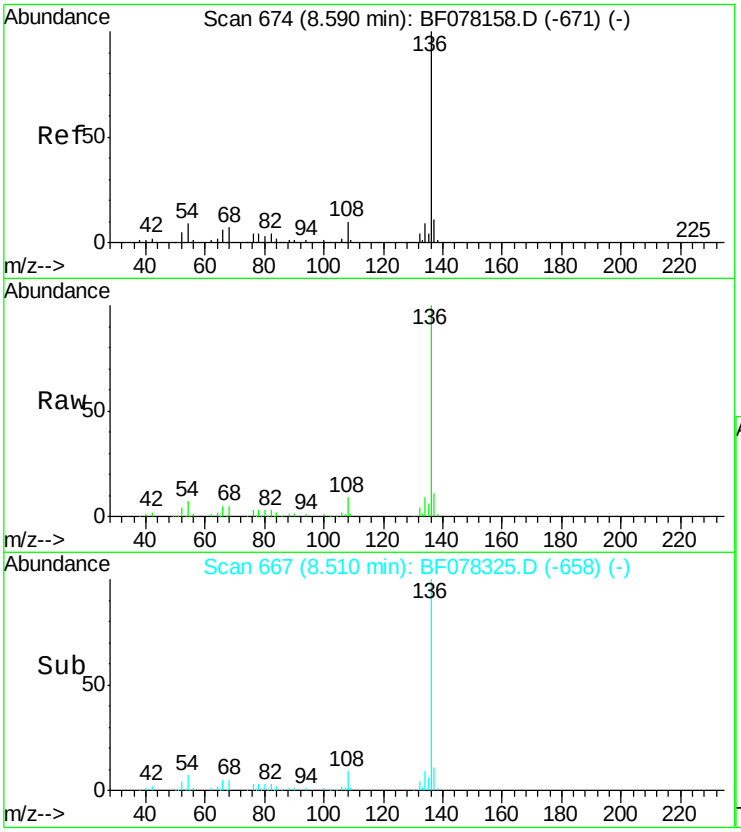


#10
Phenol
Concen: 4.07 ng
RT: 6.54 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Tgt Ion: 94 Resp: 10995

Ion	Ratio	Lower	Upper
94	100		
65	32.1	4.9	44.9
66	52.3	13.8	53.8



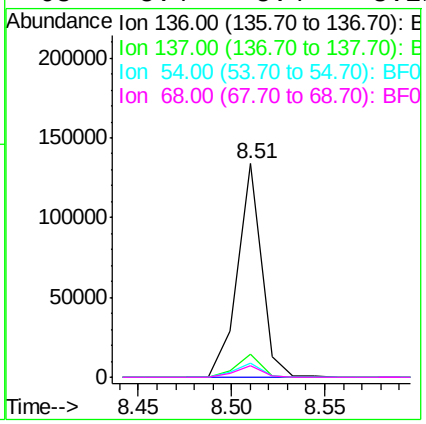


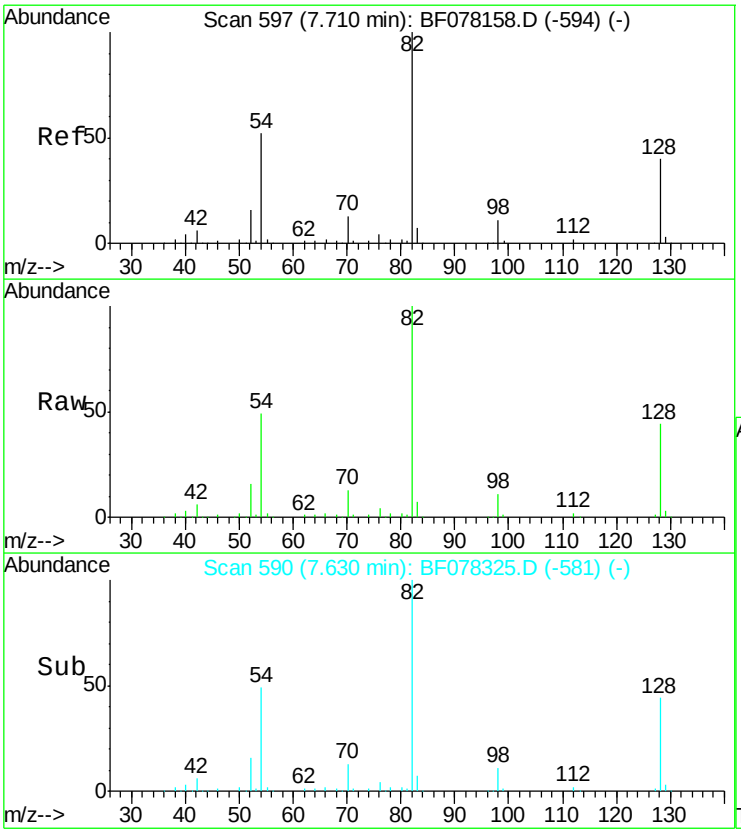
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Instrument :
BNA_F
ClientSampleId :
FD-8

Tgt Ion:136 Resp: 121558

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.8	7.0	10.6#
68	5.4	5.4	8.2#

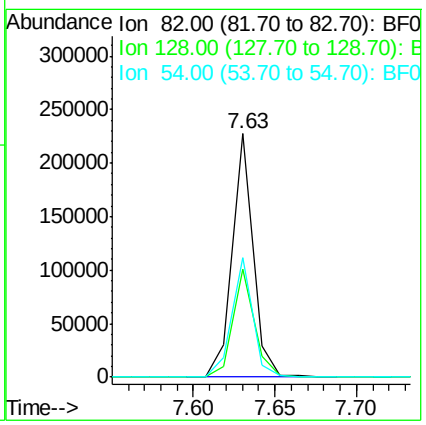


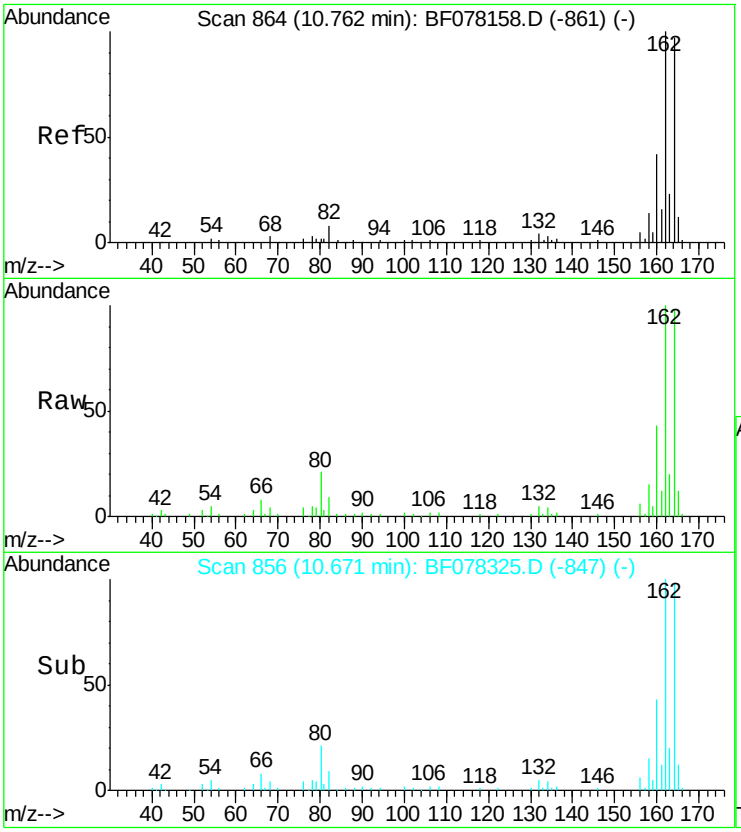


#23
Nitrobenzene-d5
Concen: 99.40 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Tgt Ion: 82 Resp: 199345

Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.8	47.8
54	49.0	41.5	62.3



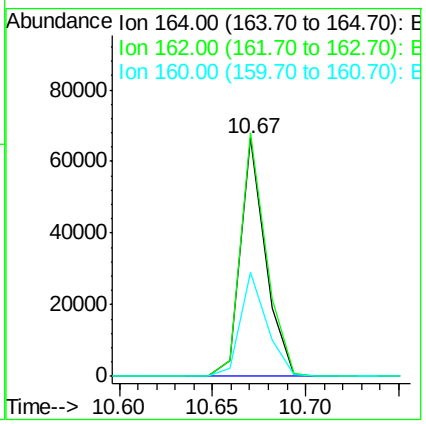


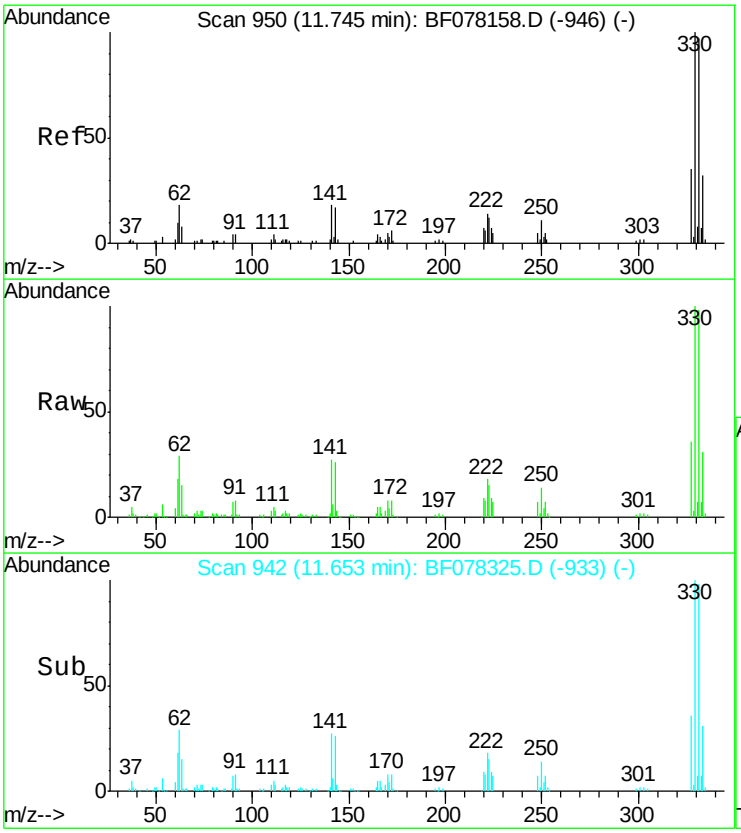
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Instrument :
BNA_F
ClientSampleId :
FD-8

Tgt Ion:164 Resp: 62086

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.2
160	43.4	34.7	52.1

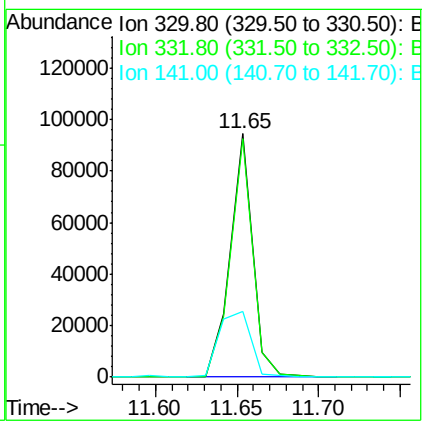


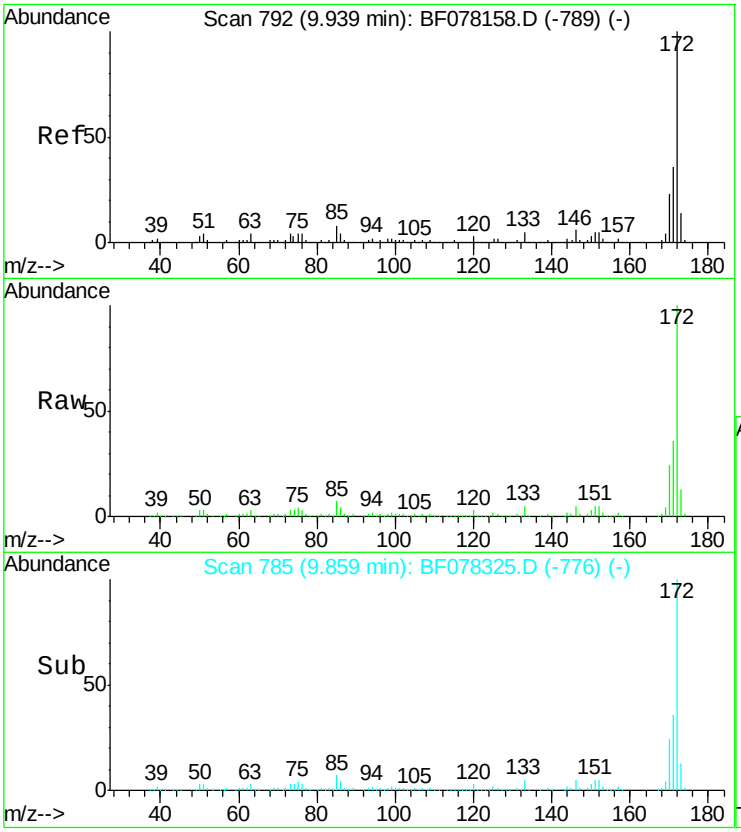


#41
2,4,6-Tribromophenol
Concen: 174.57 ng
RT: 11.65 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Tgt Ion:330 Resp: 89891

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.6	117.8
141	38.6	31.2	46.8



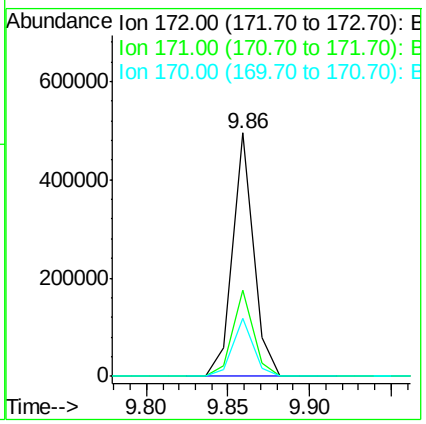


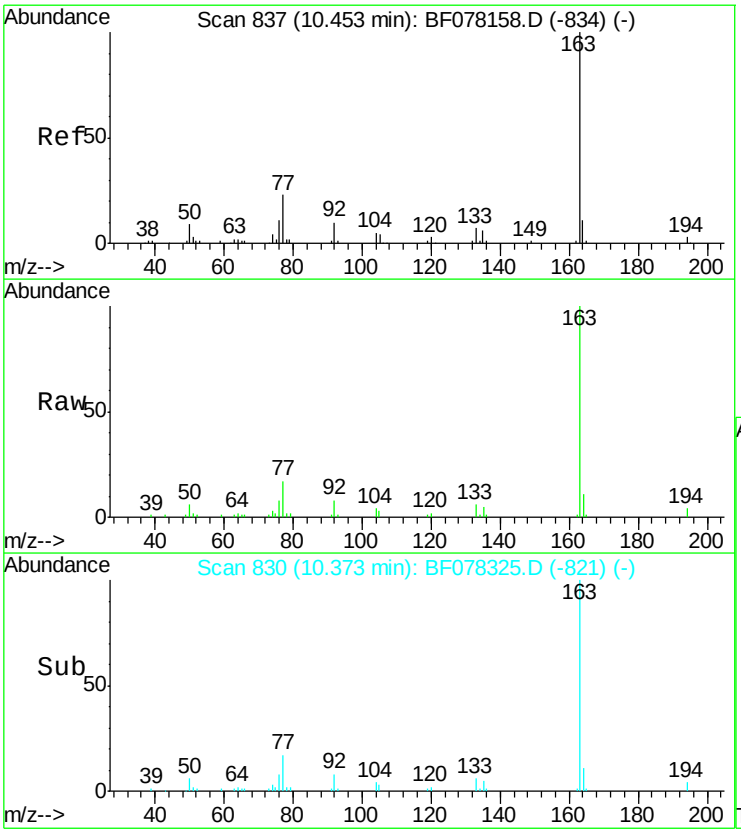
#44
2-Fluorobiphenyl
Concen: 100.38 ng
RT: 9.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Instrument :
BNA_F
ClientSampleId :
FD-8

Tgt Ion:172 Resp: 435988

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.9	18.5	27.7

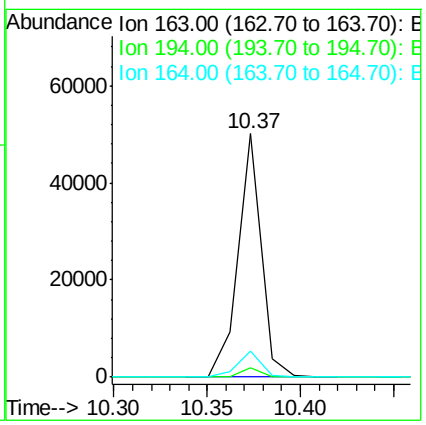


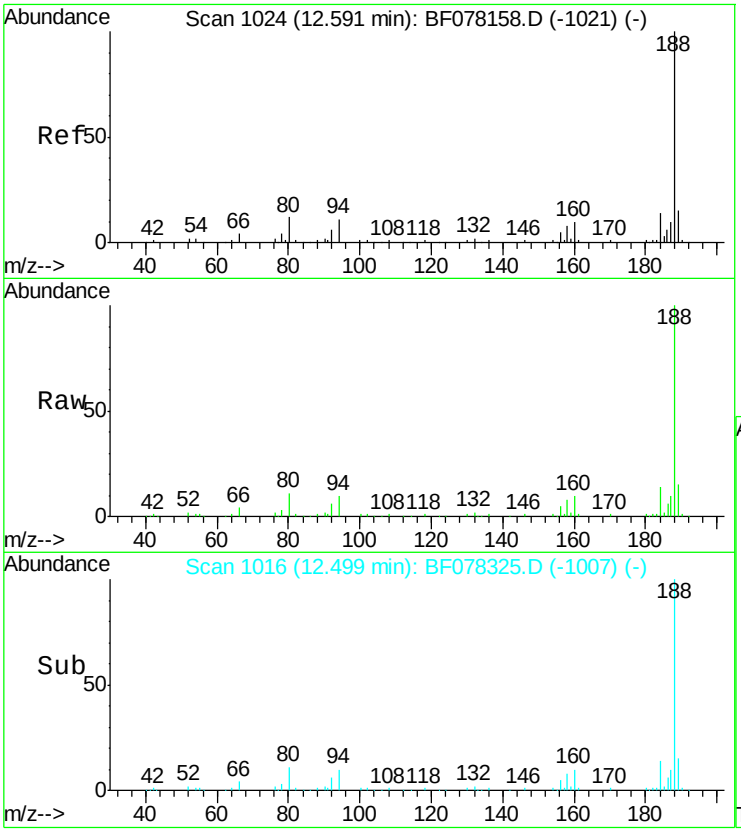


#49
Dimethylphthalate
Concen: 9.37 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Tgt Ion:163 Resp: 43689

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.3	3.5#
164	10.5	8.6	13.0



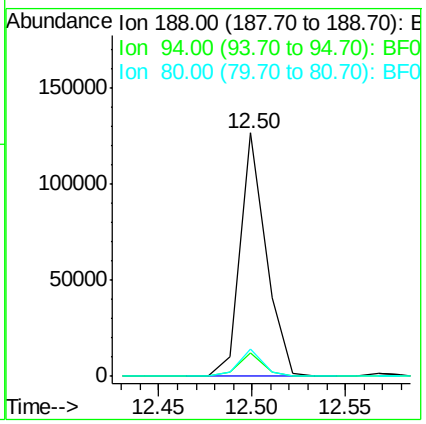


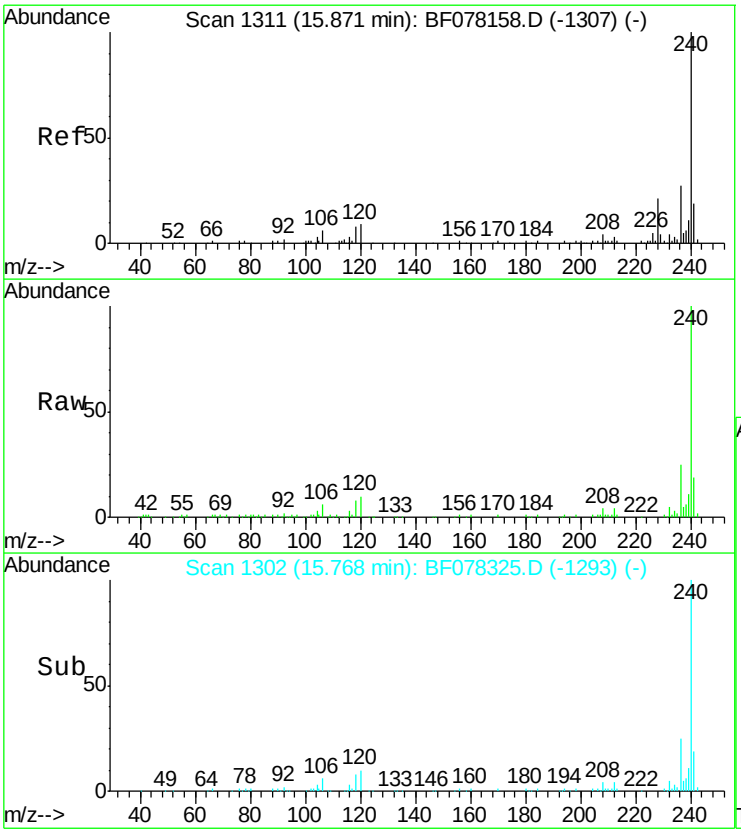
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Instrument :
BNA_F
ClientSampleId :
FD-8

Tgt Ion:188 Resp: 122883

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	11.2	9.5	14.3

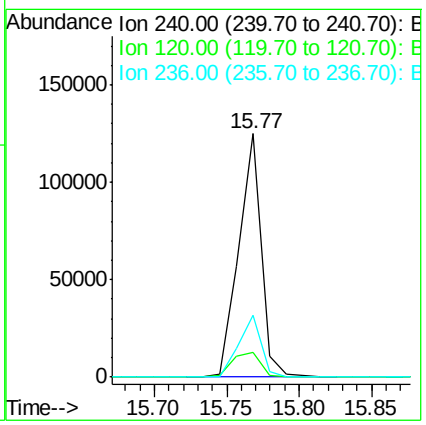


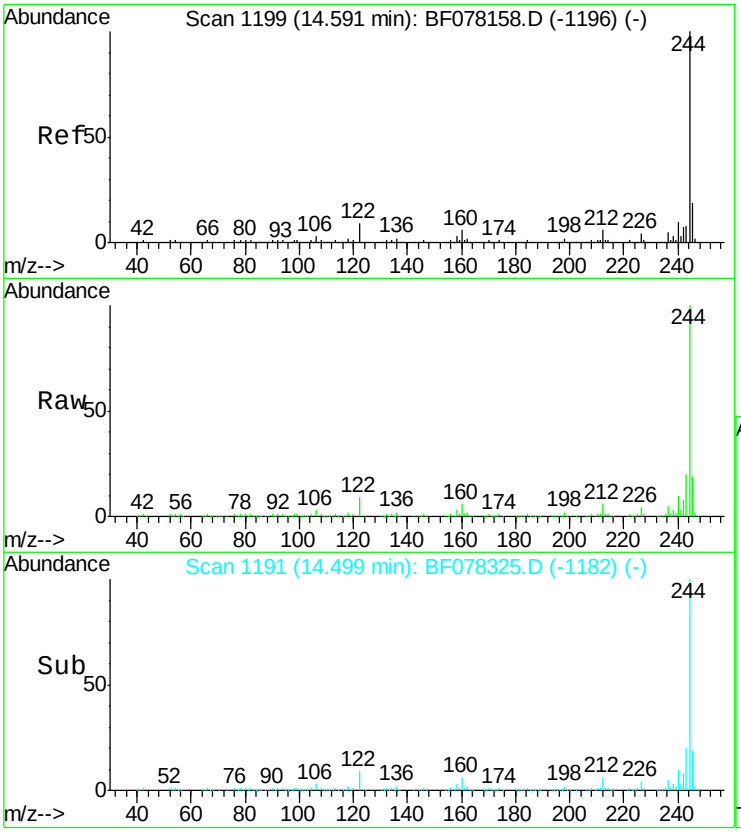


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Tgt Ion:240 Resp: 135162

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.1	10.7
236	25.3	21.4	32.2



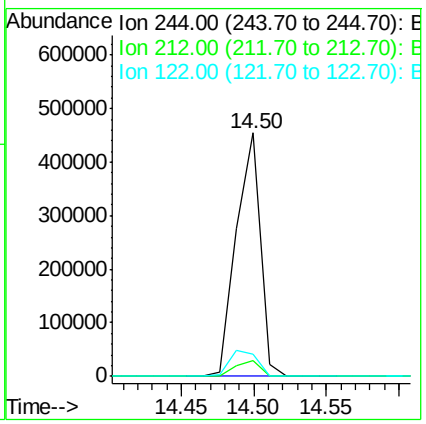


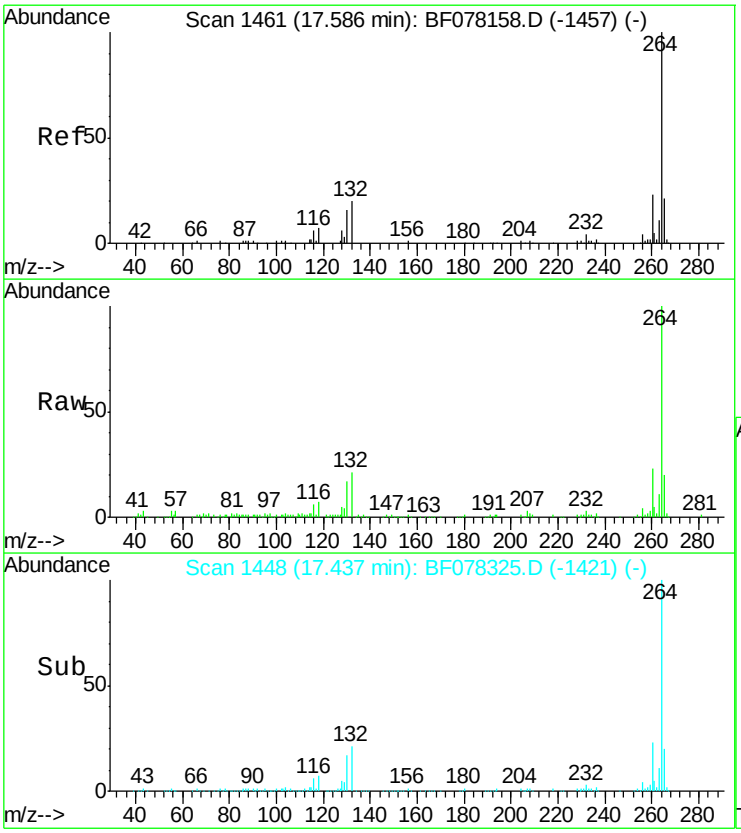
#78
Terphenyl-d14
Concen: 87.60 ng
RT: 14.50 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Instrument :
BNA_F
ClientSampleId :
FD-8

Tgt Ion:244 Resp: 523983

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	9.0	7.1	10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Tgt Ion:264 Resp: 128398

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	20.3	17.0	25.6