Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
Data File : BF077741.D
Acq On : 13 Mar 2015 15:53
Operator : TP/IZ
Sample : G1517-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW2

Quant Time: Mar 14 00:25:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 13 14:04:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	51758	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	205047	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	108744	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	204248	20.00	ng	0.00
75) Chrysene-d12	16.04	240	220195	20.00	ng	0.01
86) Perylene-d12	17.85	264	212229	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	169945	57.31	ng	0.00
7) Phenol-d6	6.74	99	127882	34.91	ng	0.00
23) Nitrobenzene-d5	7.86	82	272425	87.09	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	123532	118.73	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	624676	84.42	ng	0.00
78) Terphenyl-d14	14.74	244	556913	61.78	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.59	163	19724	2.45	ng	99
51) Acenaphthene	10.96	154	21788	3.23	ng	97

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

Quantitation Report (QT/LSC Reviewed)

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Data File : BF077741.D
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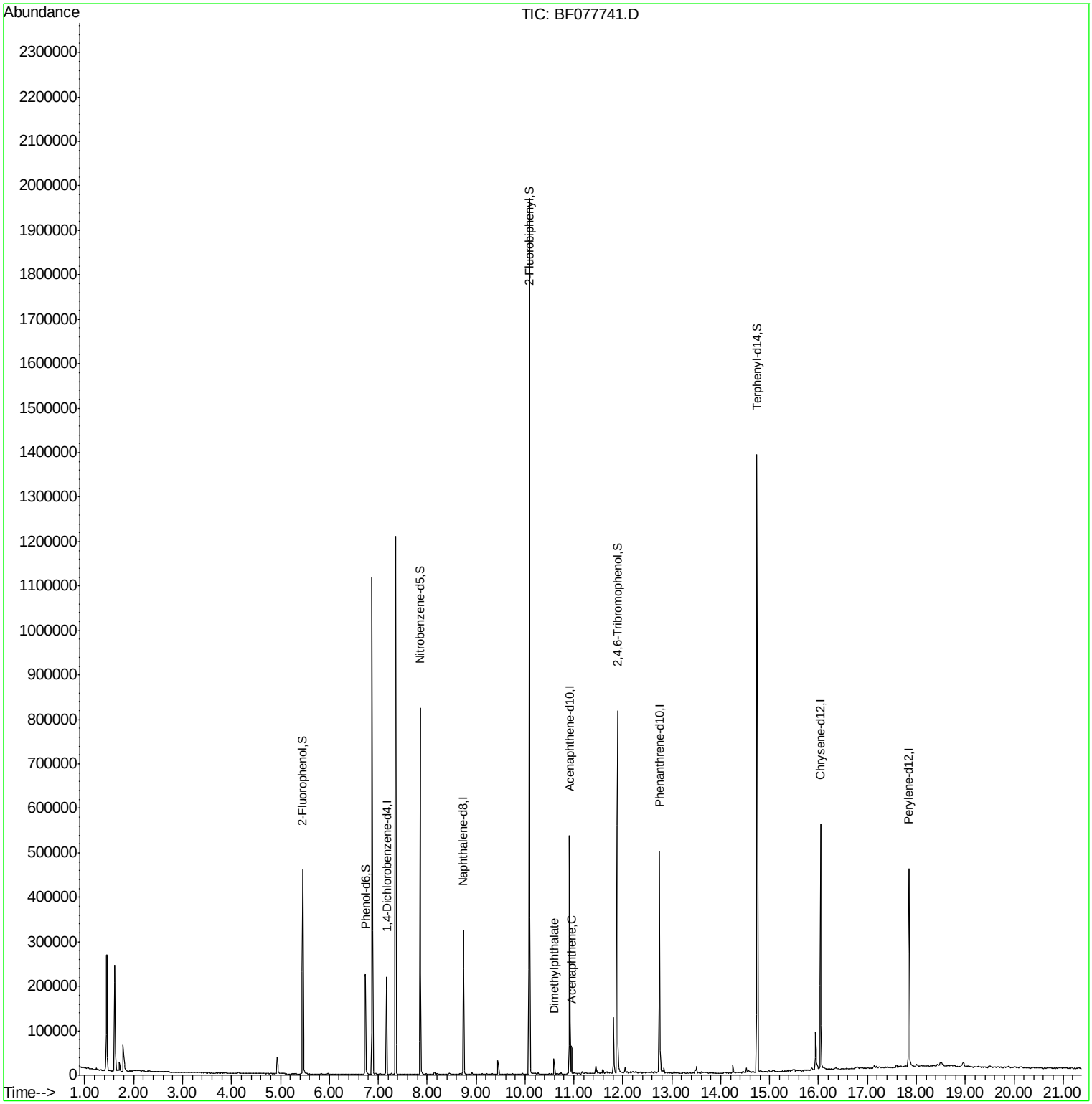
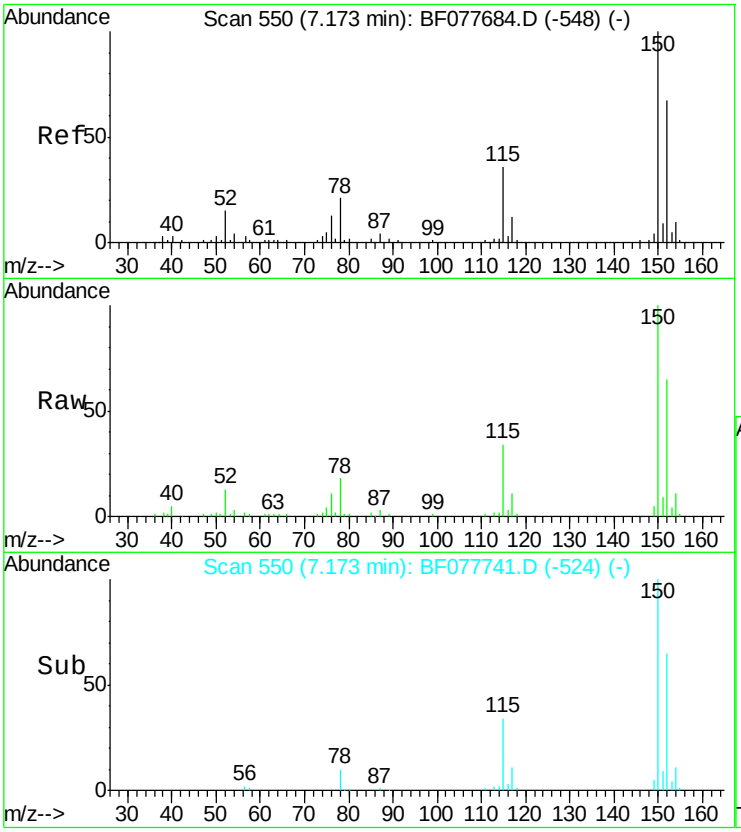


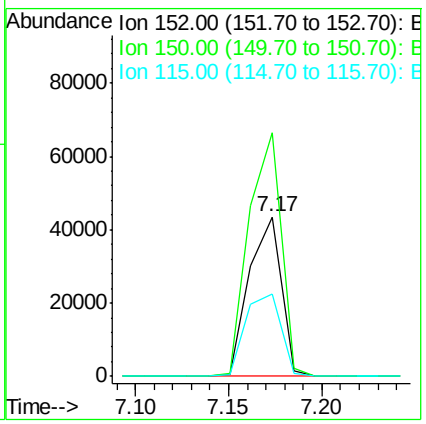


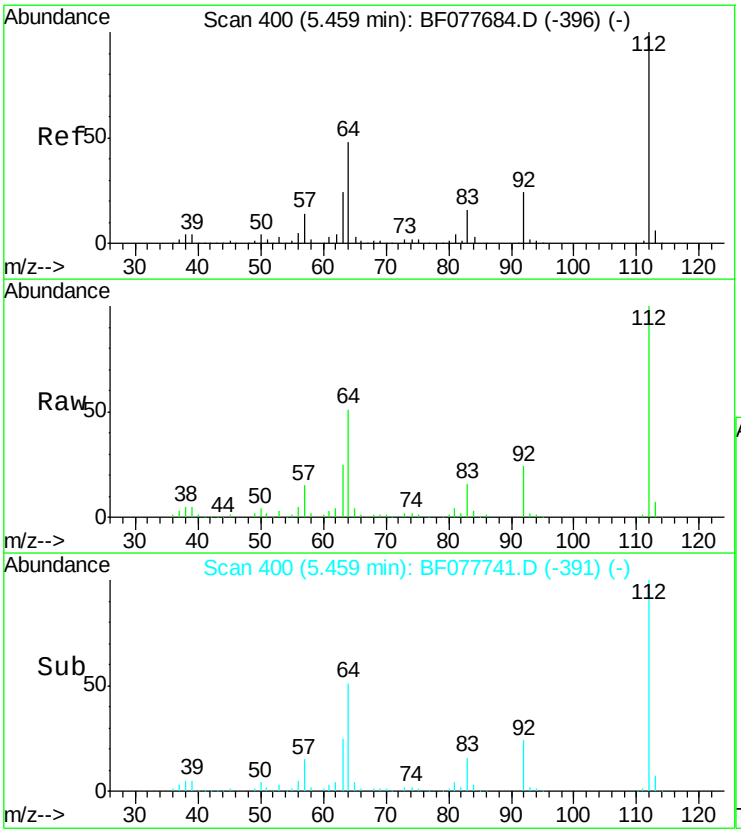
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.17 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Instrument :
BNA_F
ClientSampleId :
MW2

Tgt Ion:152 Resp: 51758

Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.5	179.3
115	51.7	43.0	64.4

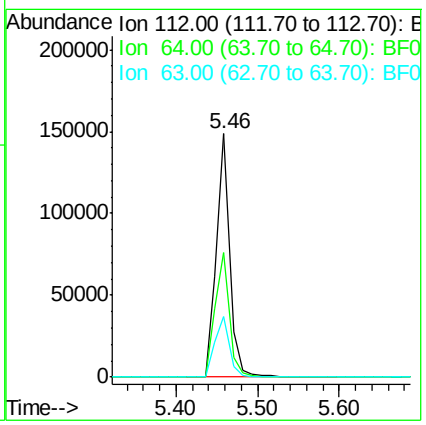


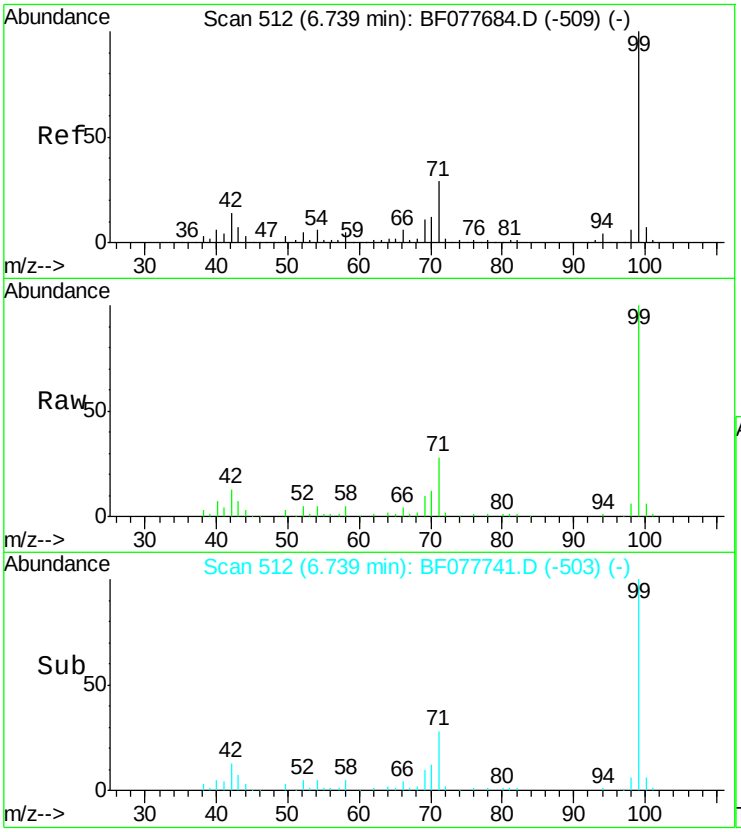


#5
2-Fluorophenol
Concen: 57.31 ng
RT: 5.46 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Tgt Ion:112 Resp: 169945

Ion	Ratio	Lower	Upper
112	100		
64	51.1	38.6	57.8
63	24.8	19.3	28.9



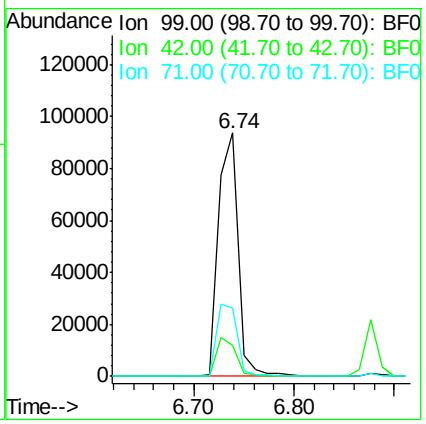


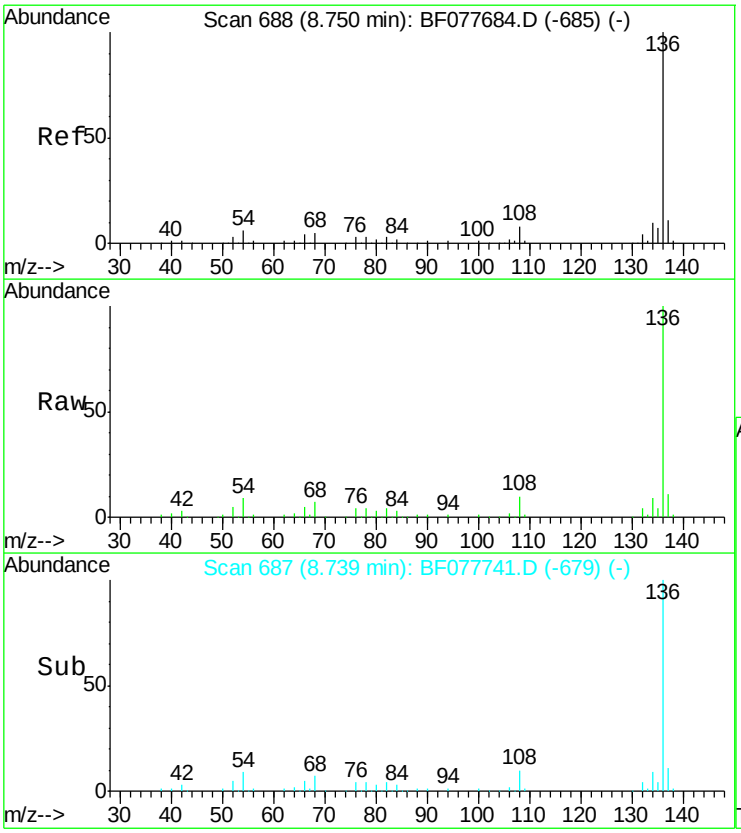
#7
Phenol-d6
Concen: 34.91 ng
RT: 6.74 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Instrument :
BNA_F
ClientSampleId :
MW2

Tgt Ion: 99 Resp: 127882

Ion	Ratio	Lower	Upper
99	100		
42	13.0	11.0	16.4
71	27.8	23.4	35.2

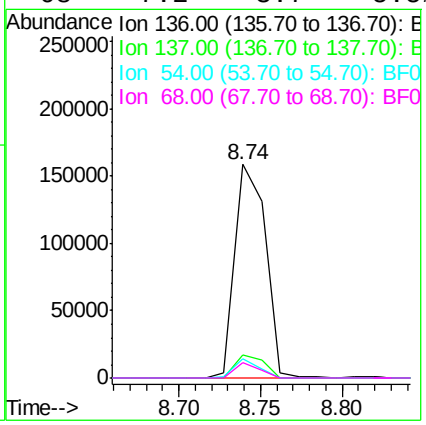


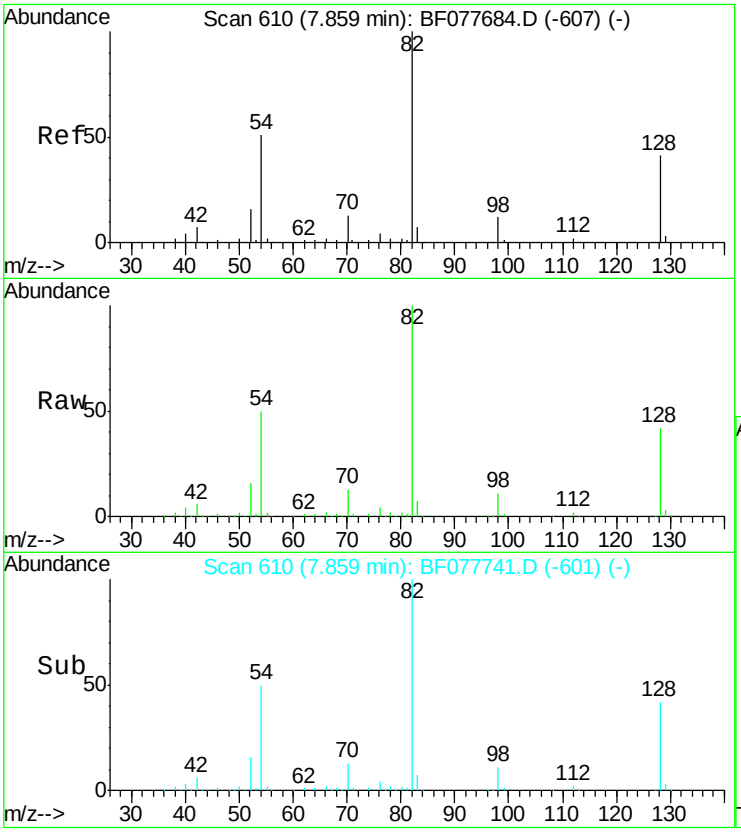


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Tgt Ion:136 Resp: 205047

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.2	4.6	6.8#
68	7.2	3.7	5.5#



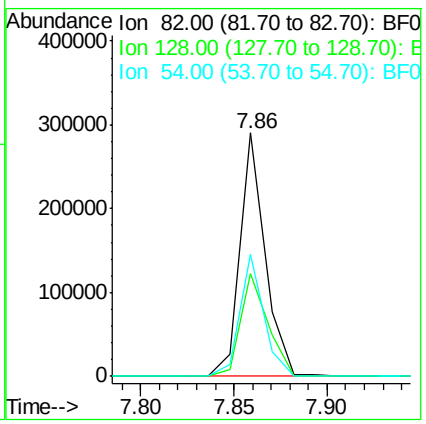


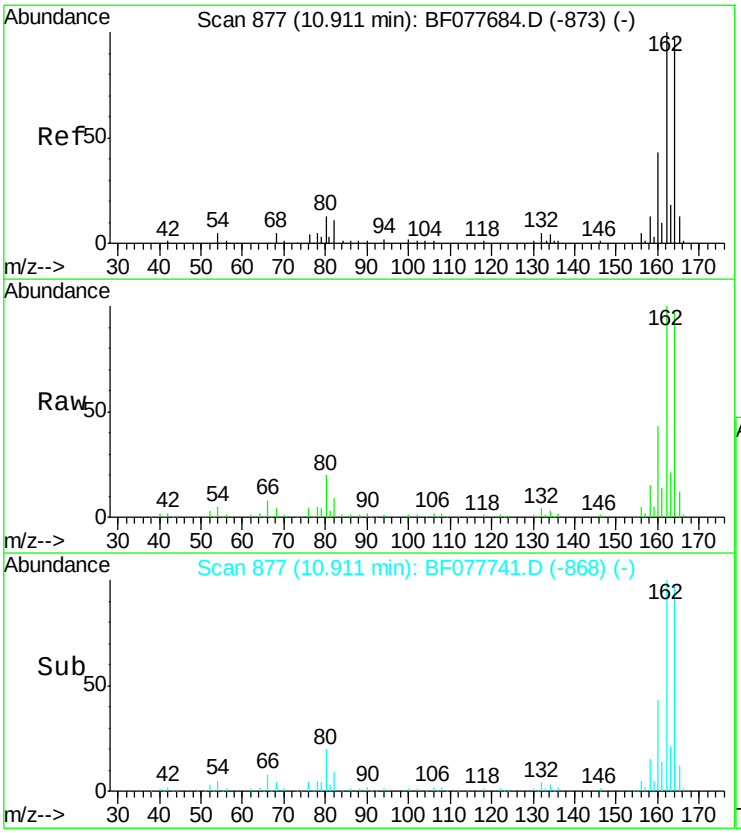
#23
Nitrobenzene-d5
Concen: 87.09 ng
RT: 7.86 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Instrument :
BNA_F
ClientSampleId :
MW2

Tgt Ion: 82 Resp: 272425

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.8	49.2
54	50.1	40.6	60.8

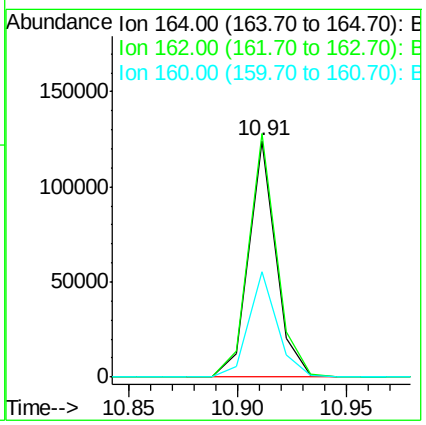


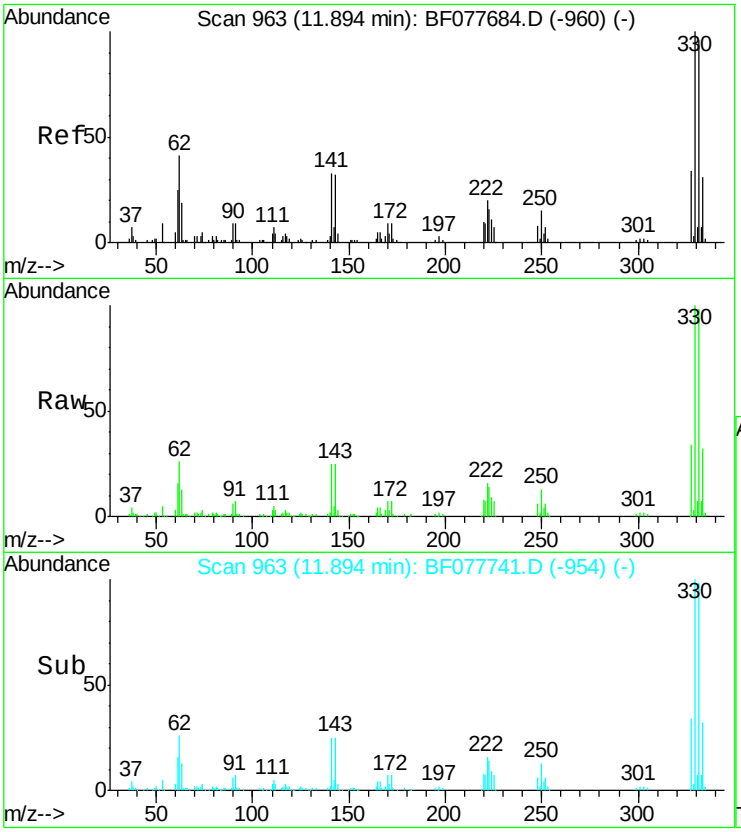


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Tgt Ion:164 Resp: 108744

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	44.8	35.8	53.6



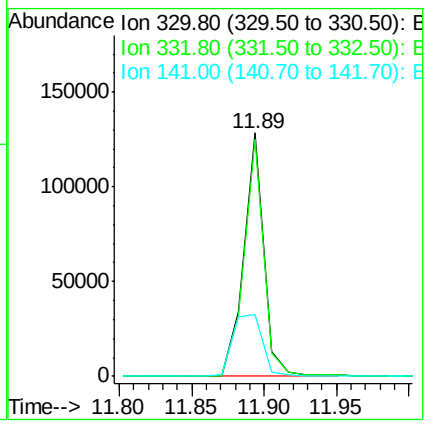


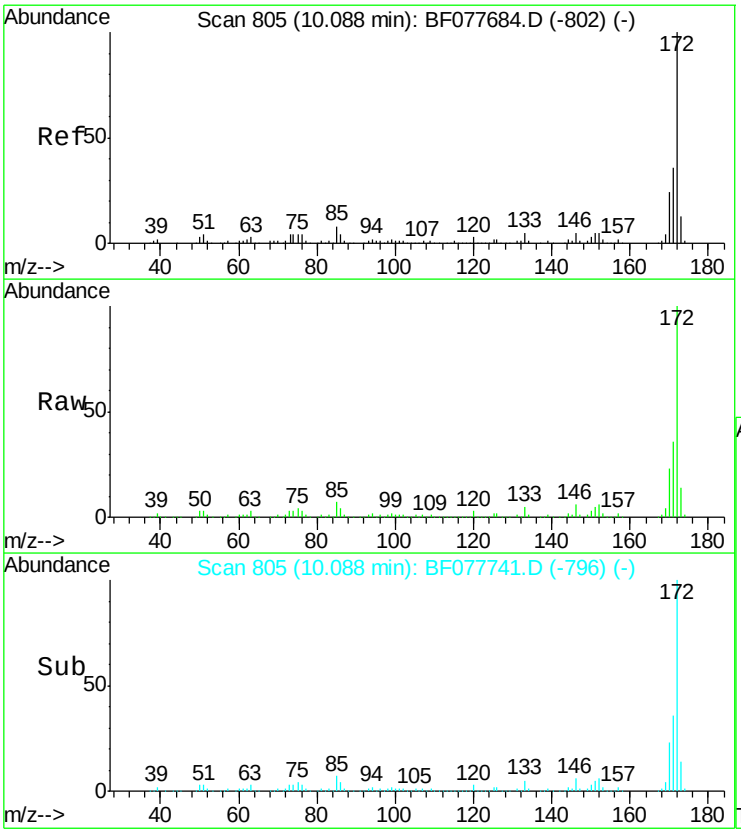
#41
2,4,6-Tribromophenol
Concen: 118.73 ng
RT: 11.89 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Instrument :
BNA_F
ClientSampleId :
MW2

Tgt Ion:330 Resp: 123532

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	38.1	0.0	0.0#

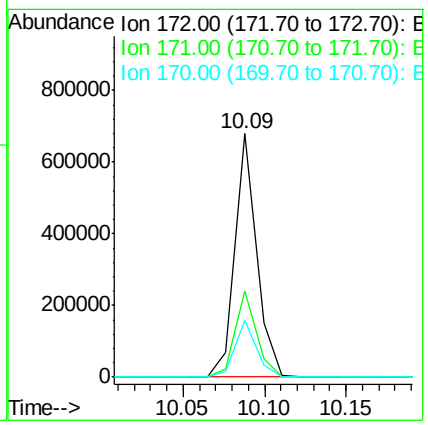


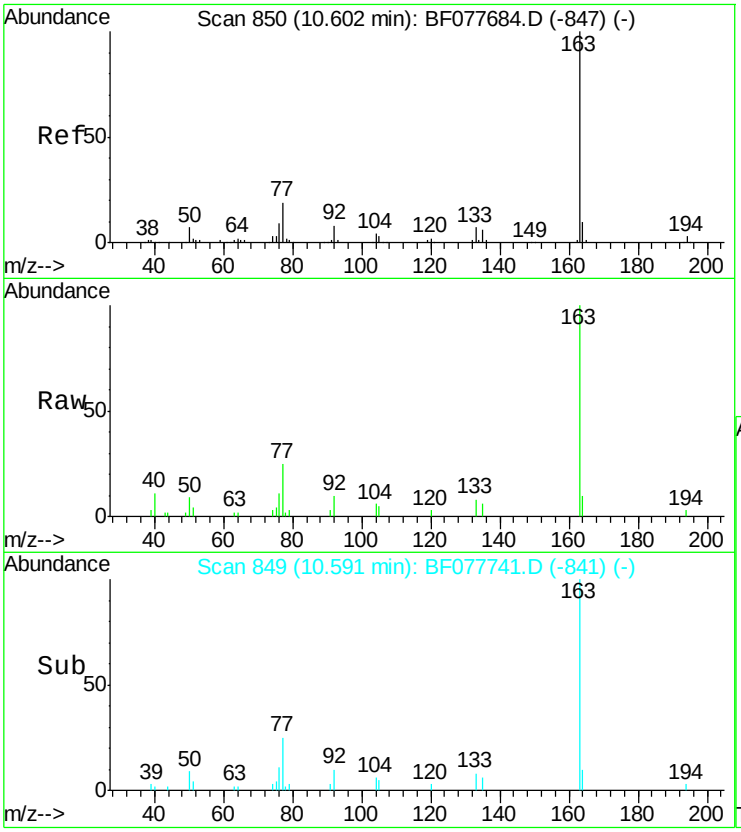


#44
2-Fluorobiphenyl
Concen: 84.42 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Tgt Ion:172 Resp: 624676

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.4	18.8	28.2



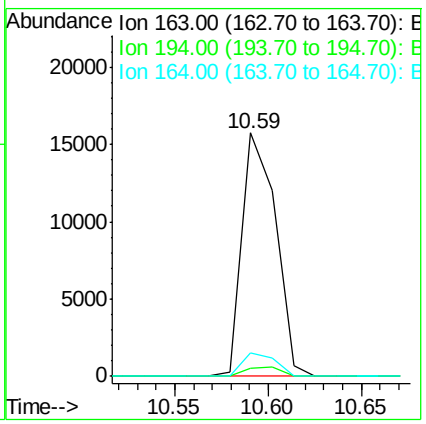


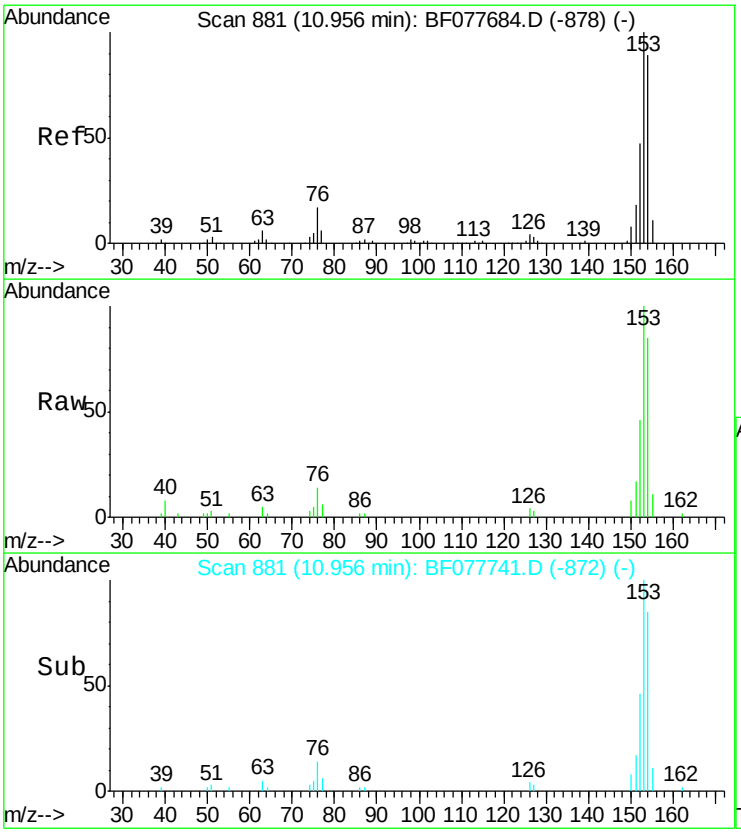
#49
Dimethylphthalate
Concen: 2.45 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Instrument :
BNA_F
ClientSampleId :
MW2

Tgt Ion:163 Resp: 19724

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.7	8.2	12.2

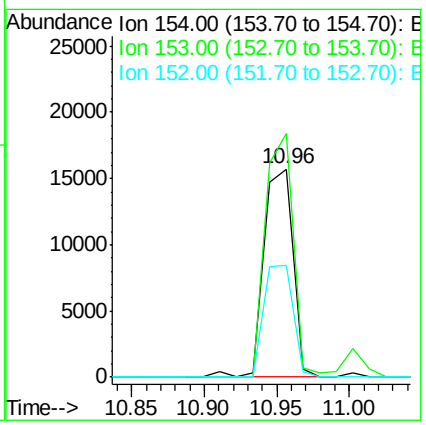


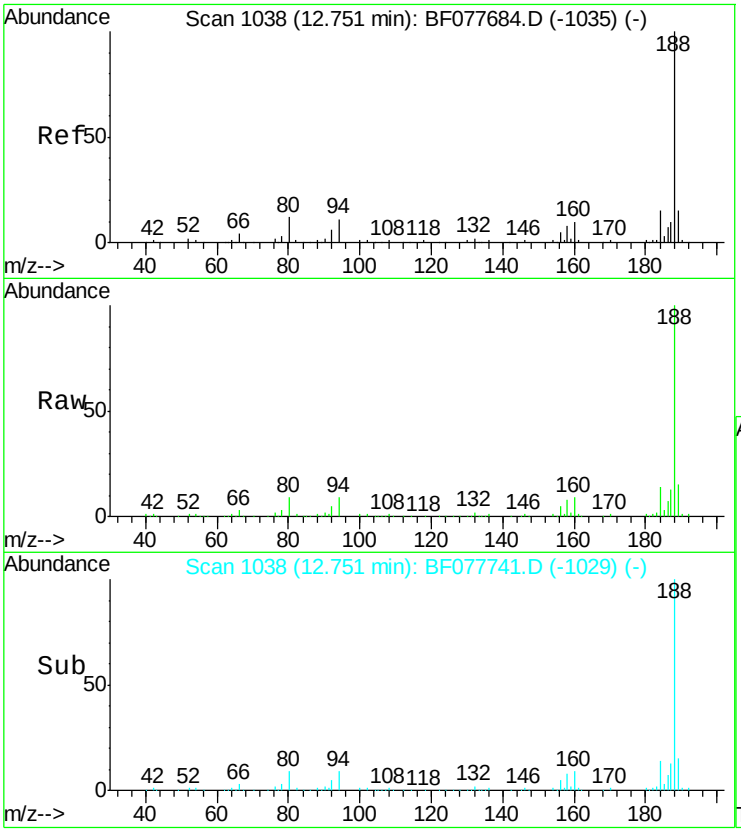


#51
Acenaphthene
Concen: 3.23 ng
RT: 10.96 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Tgt Ion:154 Resp: 21788

Ion	Ratio	Lower	Upper
154	100		
153	117.1	90.0	135.0
152	53.9	42.6	63.8



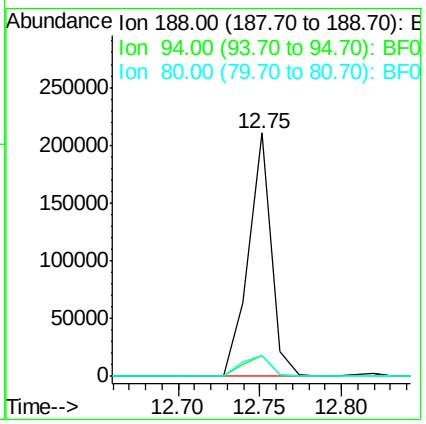


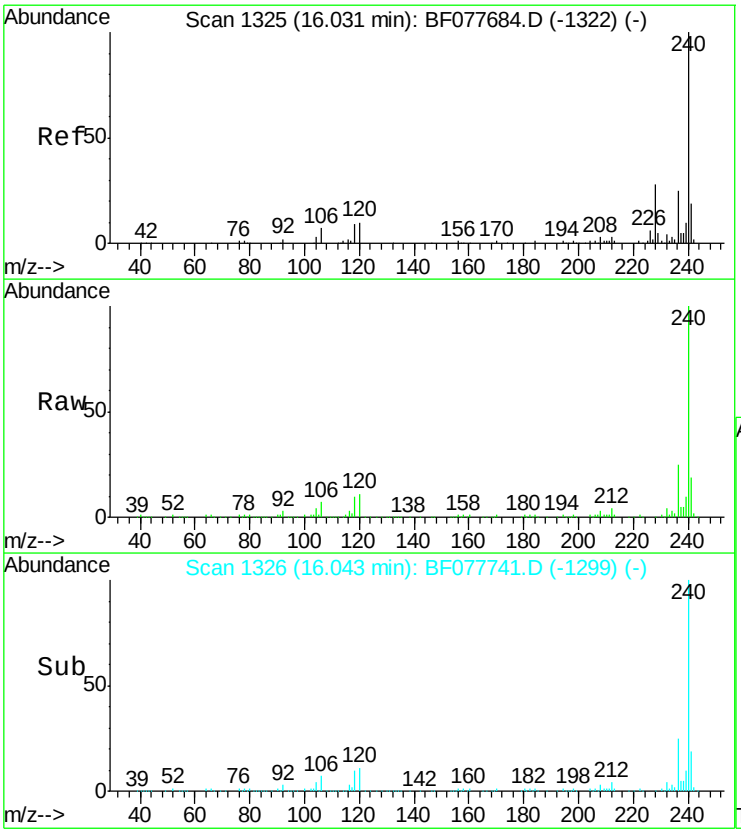
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Instrument :
BNA_F
ClientSampleId :
MW2

Tgt Ion:188 Resp: 204248

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.7	13.1#
80	8.8	9.3	13.9#

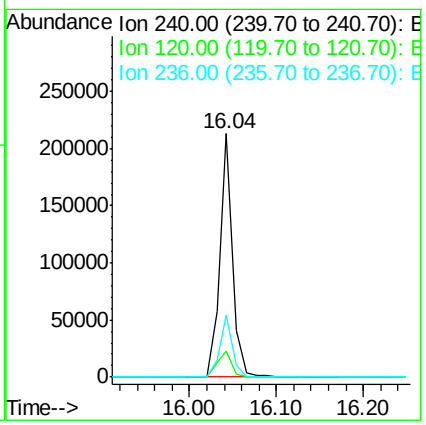


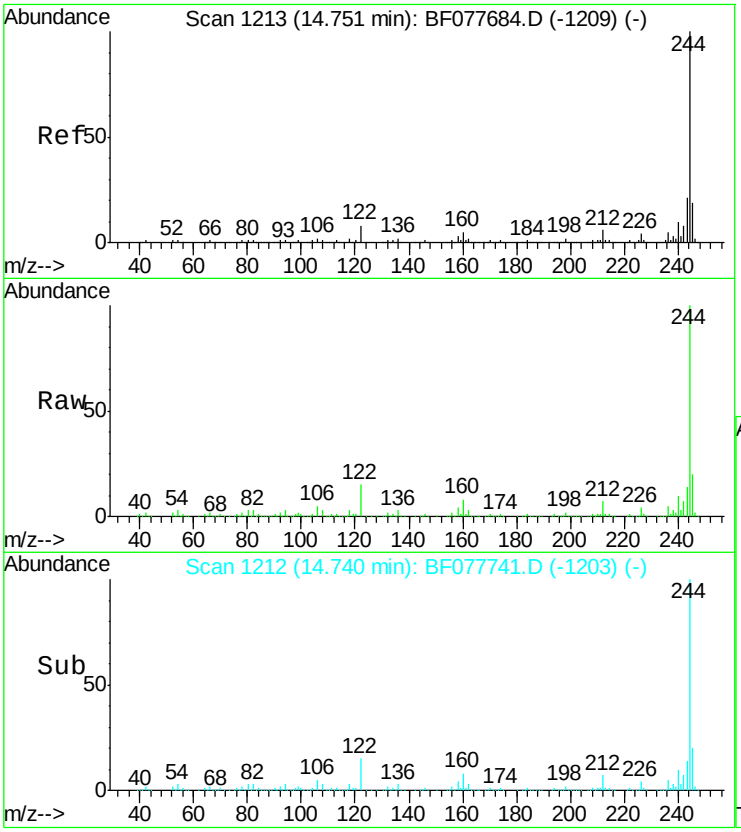


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Tgt Ion:240 Resp: 220195

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.2	12.2
236	25.4	20.0	30.0



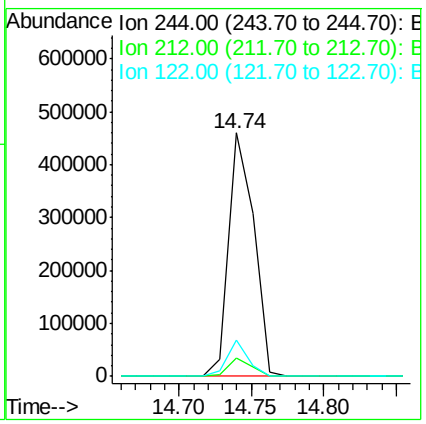


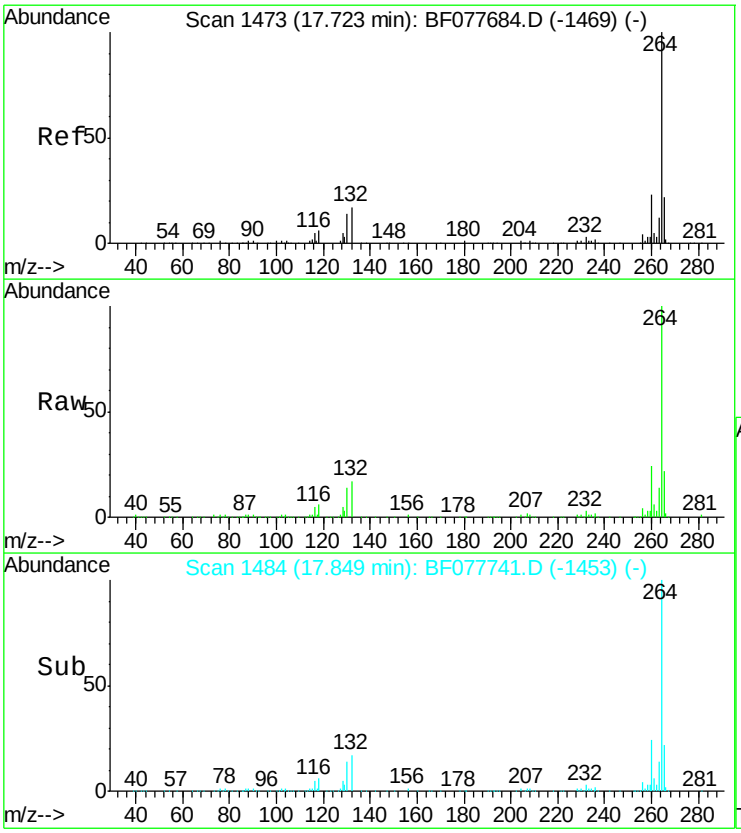
#78
Terphenyl-d14
Concen: 61.78 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Instrument :
BNA_F
ClientSampleId :
MW2

Tgt Ion:244 Resp: 556913

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3#
122	15.0	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.85 min Scan# 1484
Delta R.T. 0.06 min
Lab File: BF077741.D
Acq: 13 Mar 2015 15:53

Tgt Ion:264 Resp: 212229

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.9	17.3	25.9