Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
Data File : BF077805.D
Acq On : 18 Mar 2015 19:41
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-097-31615

Quant Time: Mar 19 00:51:55 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	7.16	152	42831	20.00	ng		-0.01
21) Naphthalene-d8	8.74	136	165120	20.00	ng		-0.01
38) Acenaphthene-d10	10.90	164	81068	20.00	ng		-0.01
63) Phenanthrene-d10	12.74	188	163131	20.00	ng		-0.01
75) Chrysene-d12	16.03	240	168776	20.00	ng		0.00
86) Perylene-d12	17.83	264	158080	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	115369	47.02	ng		-0.02
7) Phenol-d6	6.73	99	93326	30.78	ng		-0.01
23) Nitrobenzene-d5	7.85	82	256937	102.00	ng		-0.01
41) 2,4,6-Tribromophenol	11.88	330	95251	122.80	ng		-0.01
44) 2-Fluorobiphenyl	10.09	172	589054	106.78	ng		0.00
78) Terphenyl-d14	14.74	244	626453	90.67	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.59	163	19700	3.28	ng		99
62) Azobenzene	11.80	77	19087	3.41	ng	#	1
76) Benzidine	14.43	184	228860	55.00	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
Data File : BF077805.D
Acq On : 18 Mar 2015 19:41
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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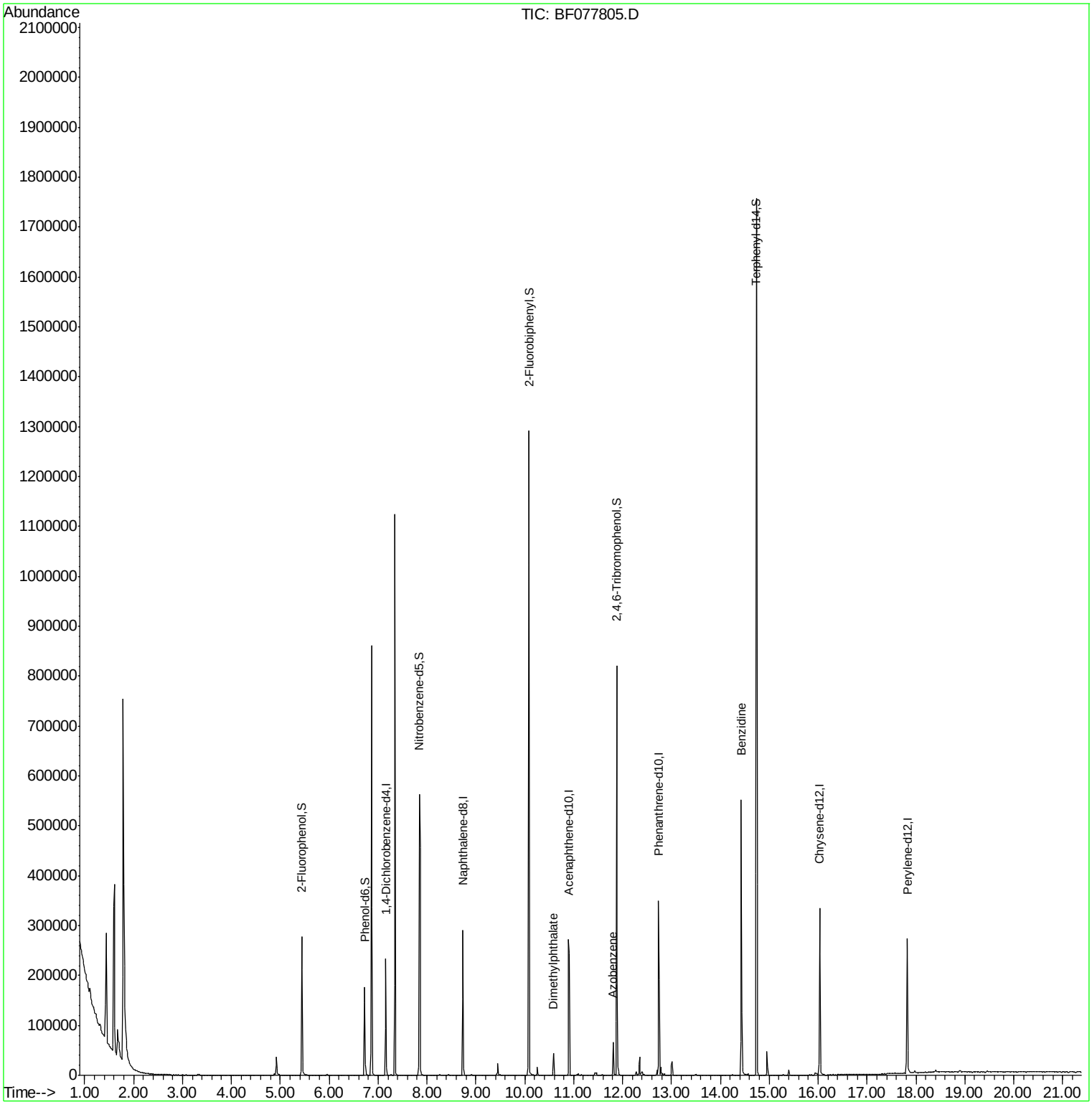
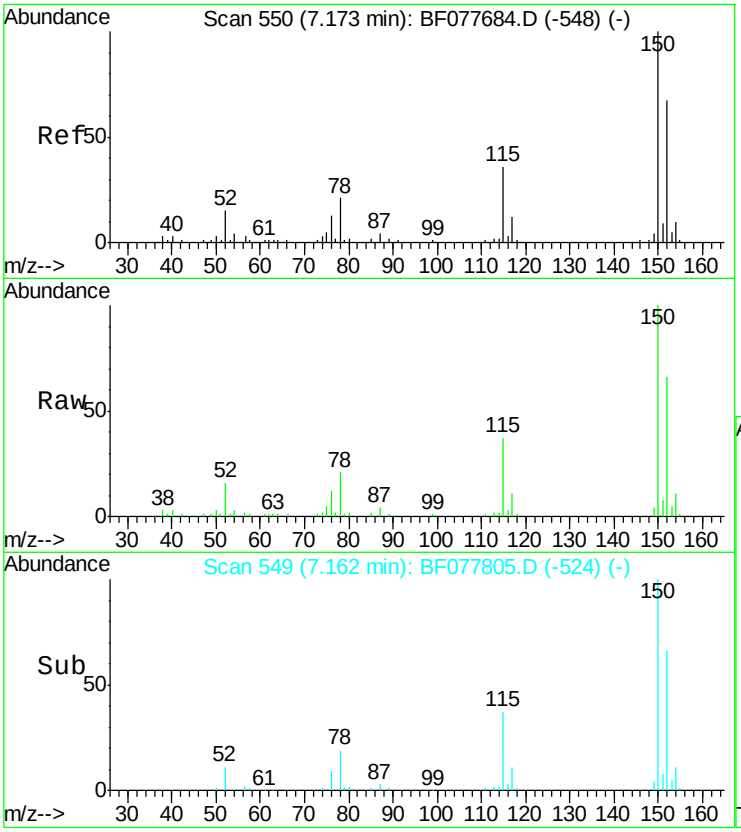


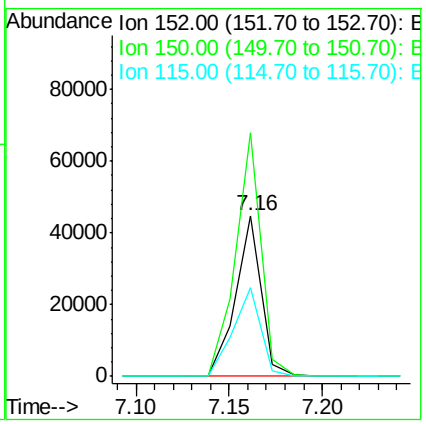


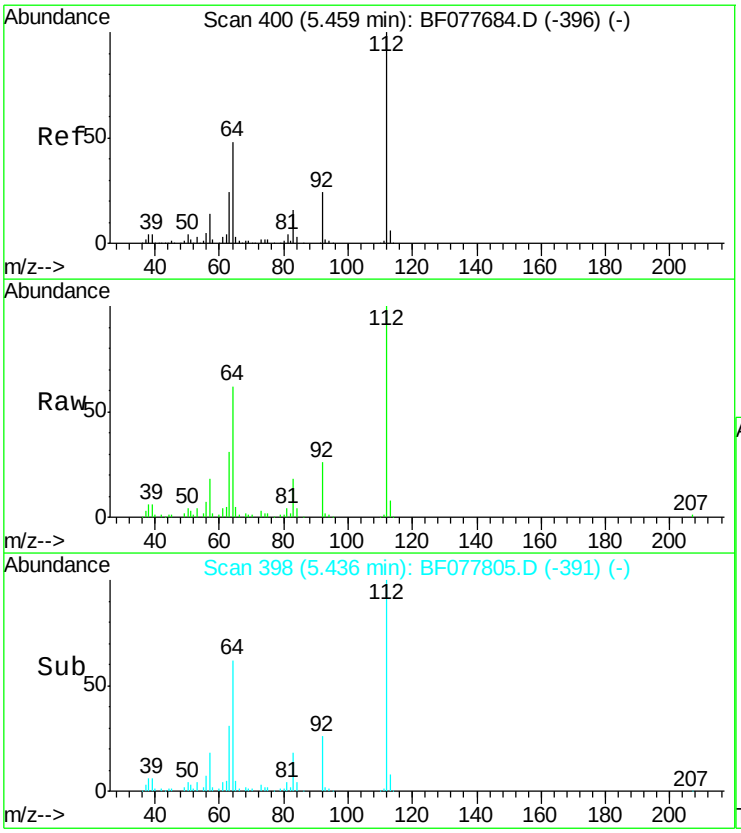
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

Tgt Ion:152 Resp: 42831

Ion	Ratio	Lower	Upper
152	100		
150	151.4	119.5	179.3
115	55.3	43.0	64.4

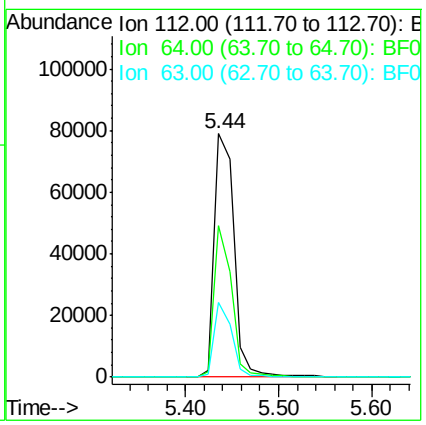


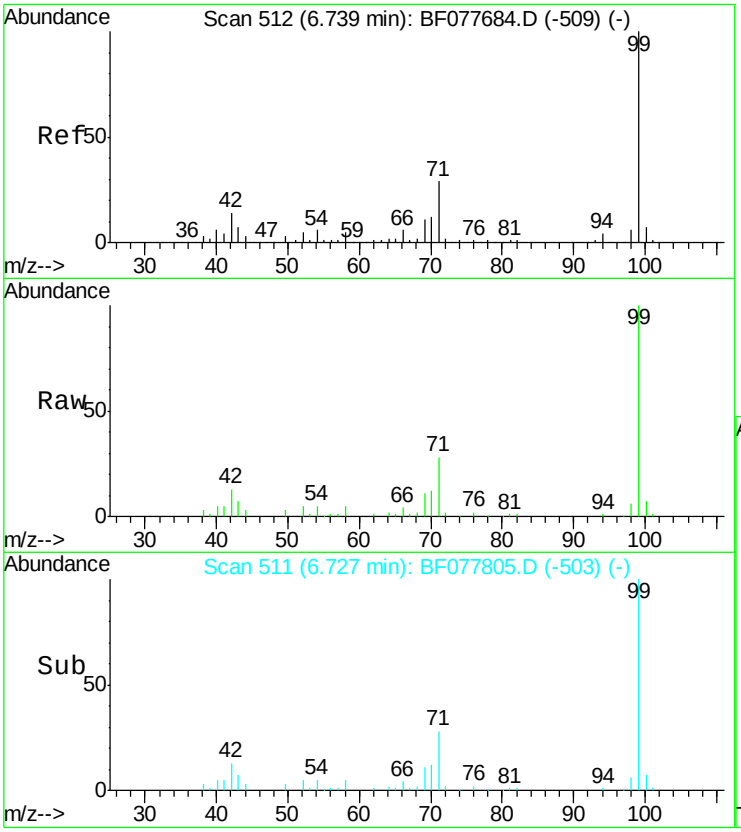


#5
2-Fluorophenol
Concen: 47.02 ng
RT: 5.44 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Tgt Ion:112 Resp: 115369

Ion	Ratio	Lower	Upper
112	100		
64	62.0	38.6	57.8#
63	30.6	19.3	28.9#



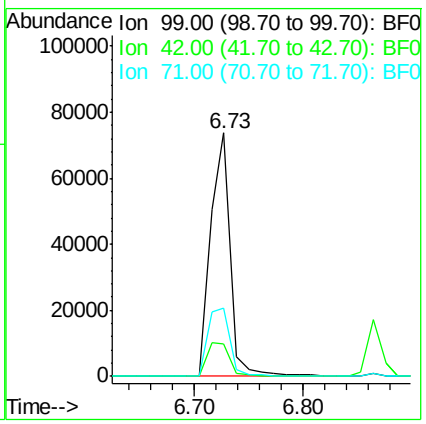


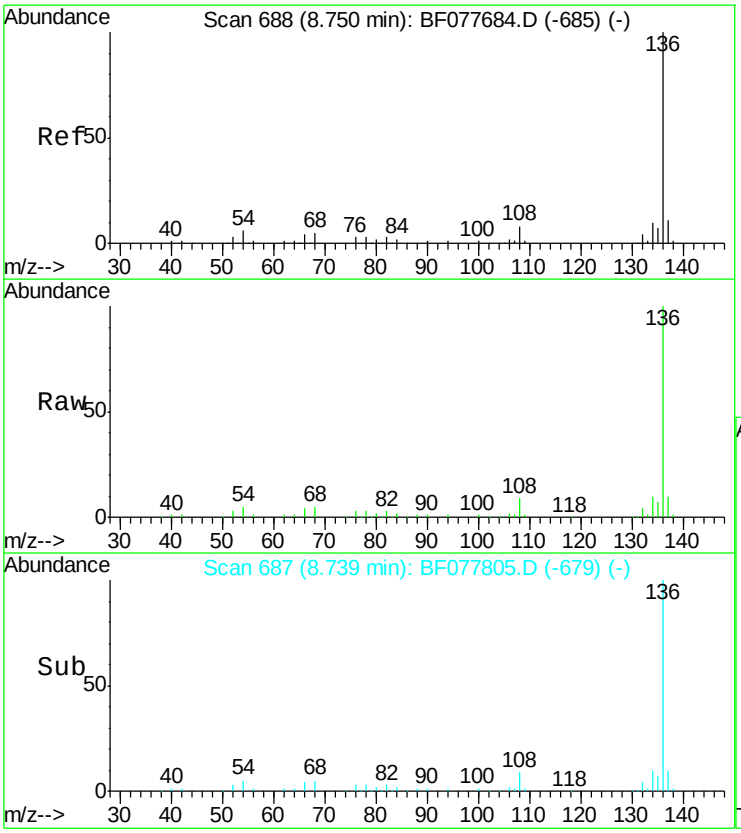
#7
Phenol-d6
Concen: 30.78 ng
RT: 6.73 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

Tgt Ion: 99 Resp: 93326

Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.0	16.4
71	28.0	23.4	35.2

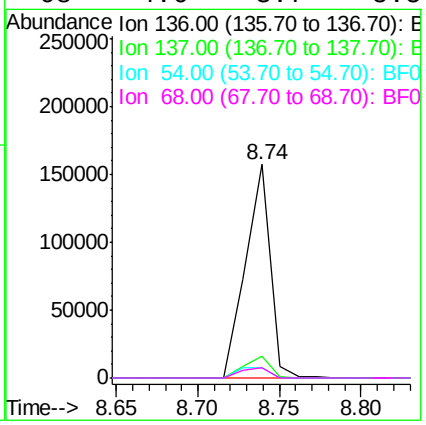


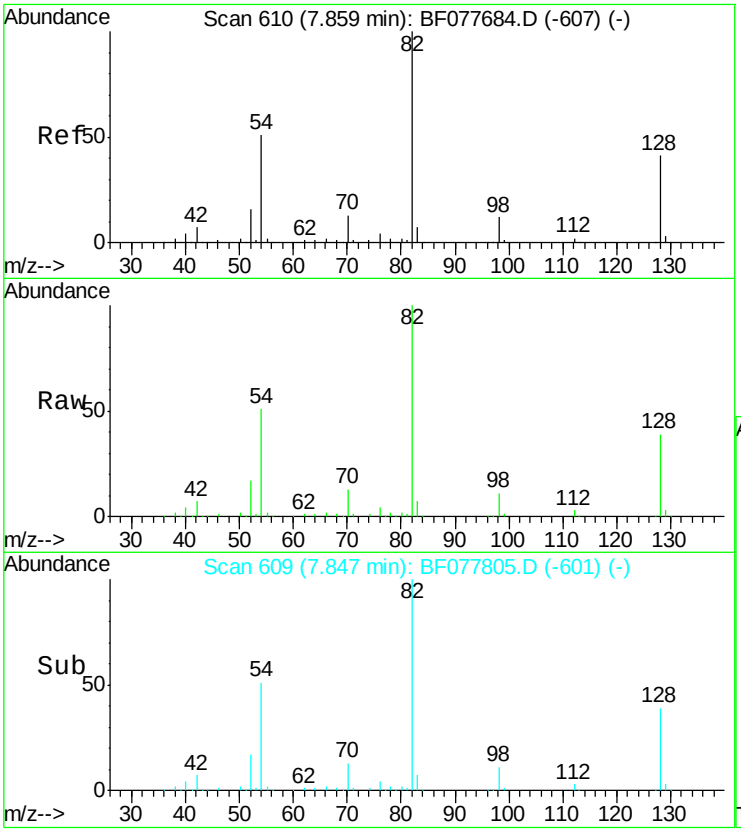


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Tgt Ion:136 Resp: 165120

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.1	4.6	6.8
68	4.6	3.7	5.5



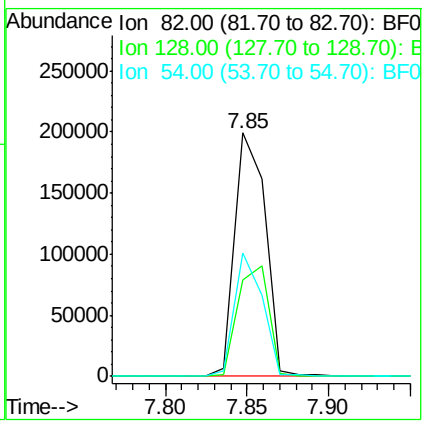


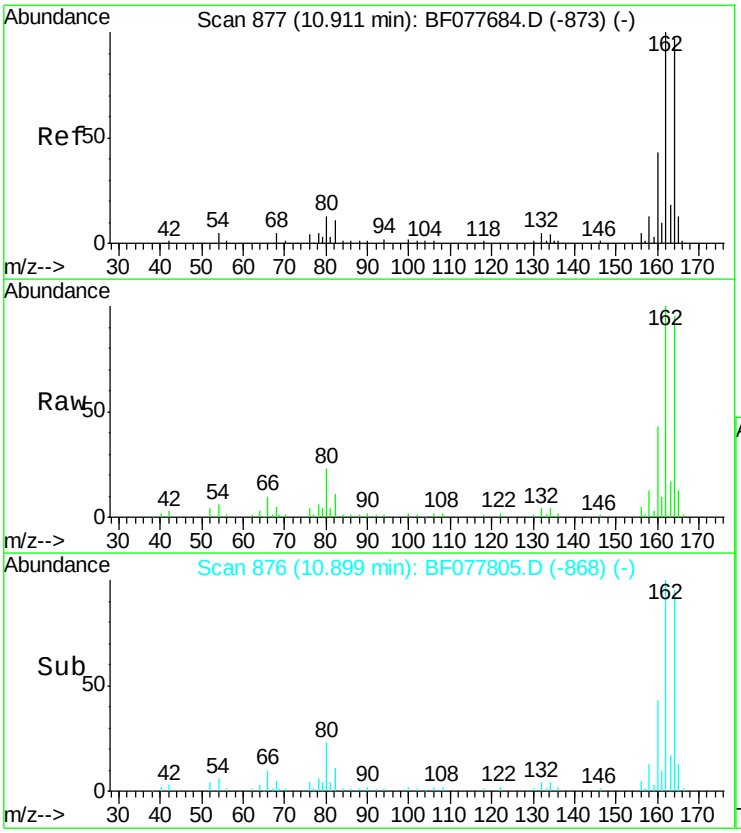
#23
Nitrobenzene-d5
Concen: 102.00 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

Tgt Ion: 82 Resp: 256937

Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.8	49.2
54	50.9	40.6	60.8

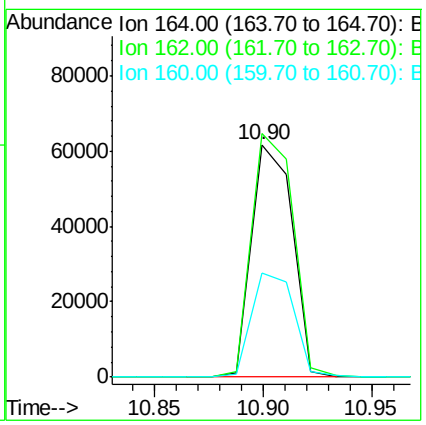


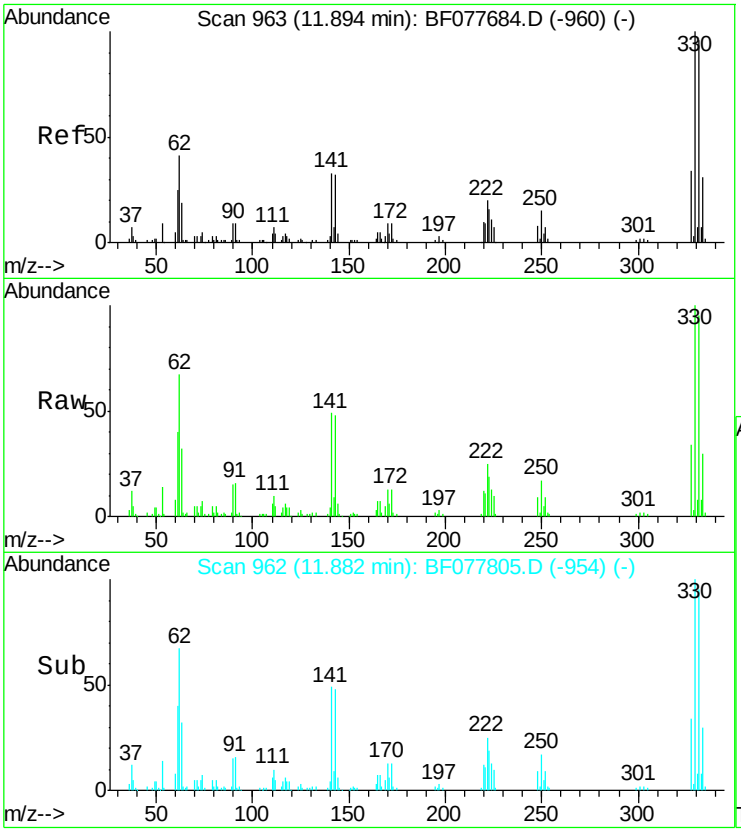


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Tgt Ion:164 Resp: 81068

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.4	123.6
160	44.9	35.8	53.6



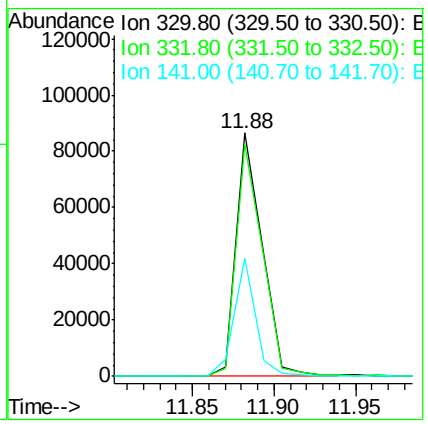


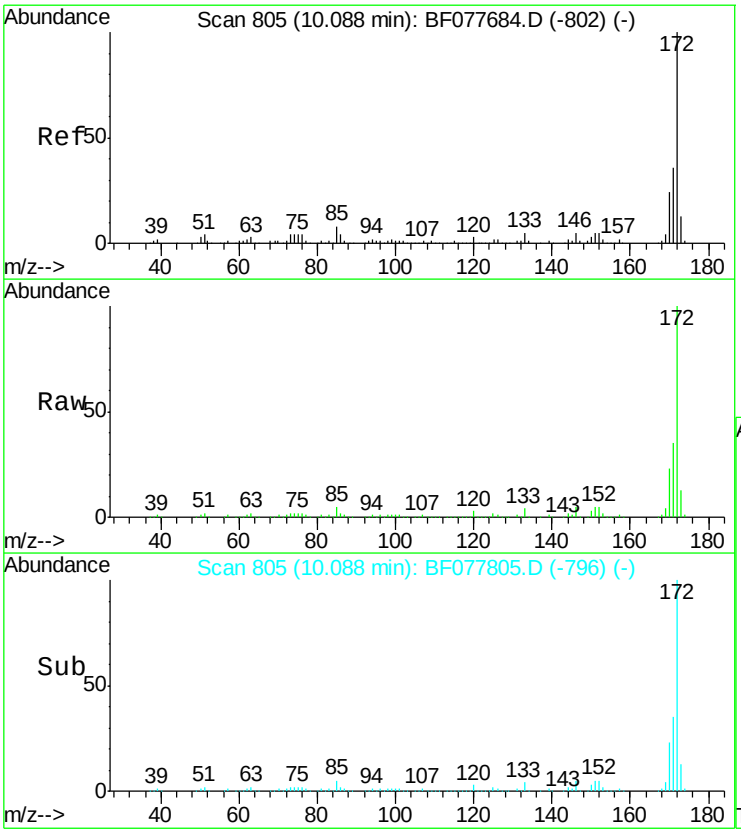
#41
2,4,6-Tribromophenol
Concen: 122.80 ng
RT: 11.88 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

Tgt Ion:330 Resp: 95251

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	39.9	0.0	0.0#

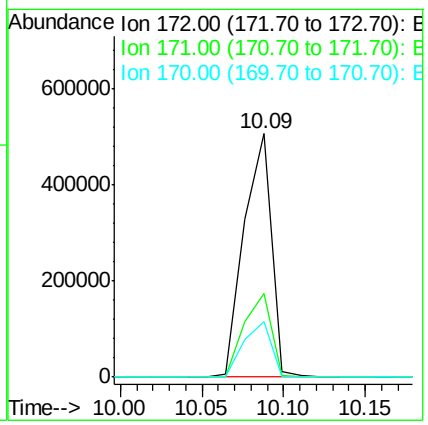


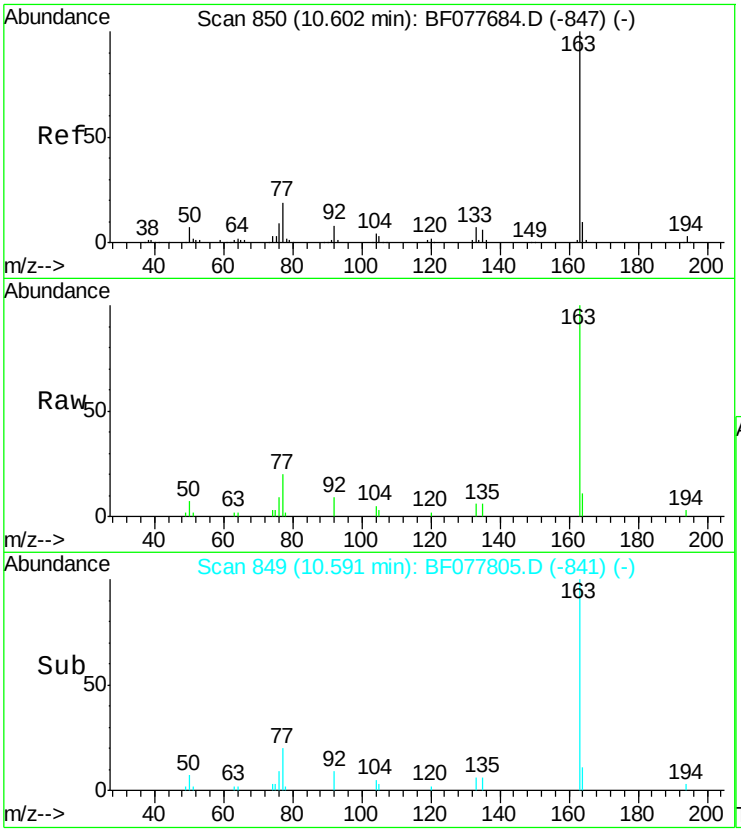


#44
2-Fluorobiphenyl
Concen: 106.78 ng
RT: 10.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Tgt Ion:172 Resp: 589054

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.9	18.8	28.2



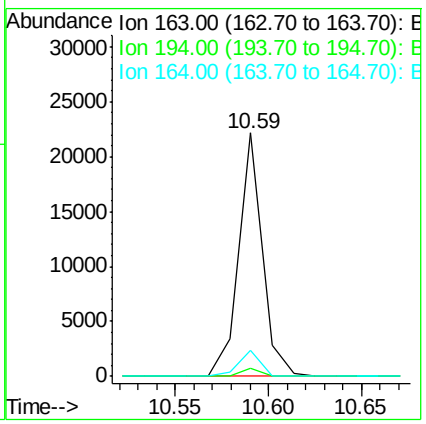


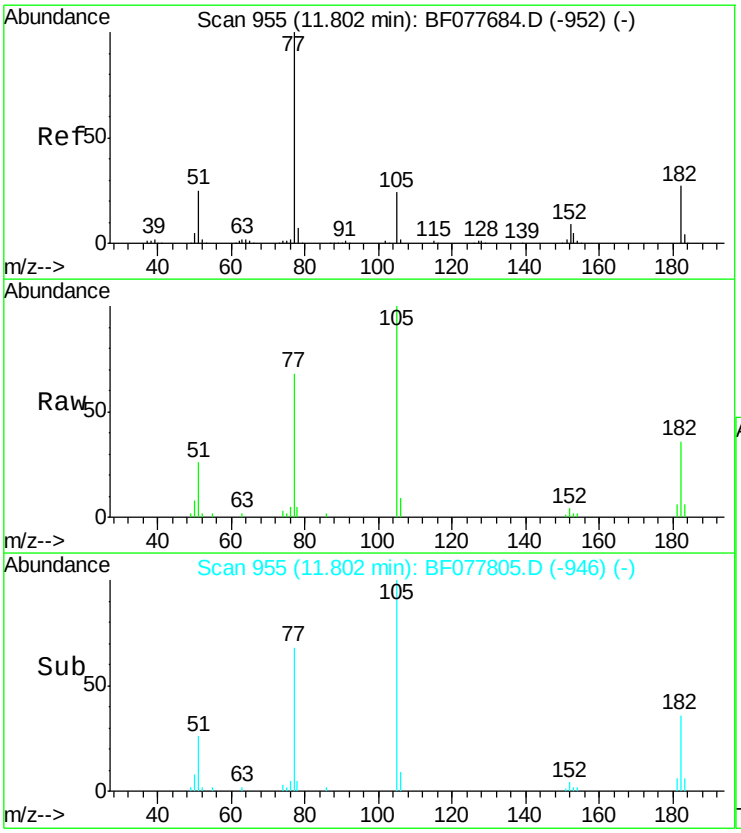
#49
Dimethylphthalate
Concen: 3.28 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

Tgt Ion:163 Resp: 19700

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.8	8.2	12.2

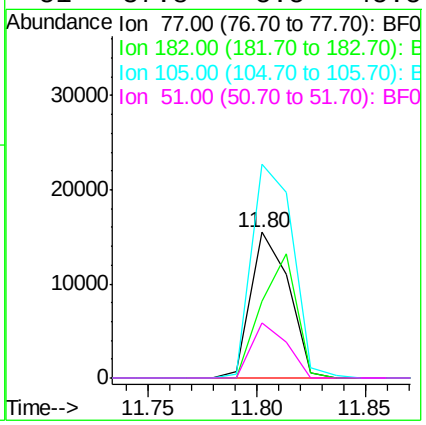


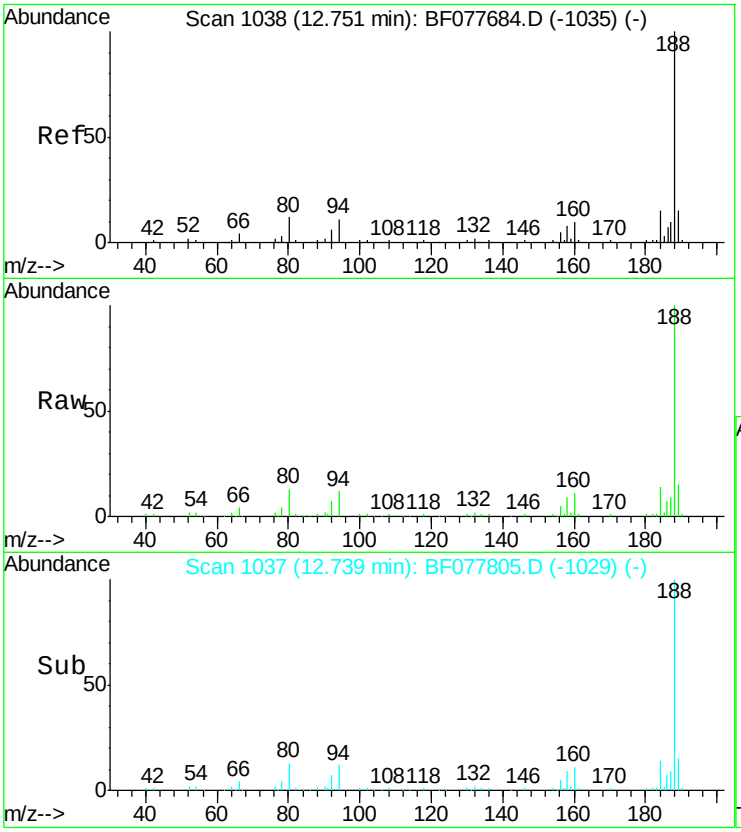


#62
Azobenzene
Concen: 3.41 ng
RT: 11.80 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Tgt Ion: 77 Resp: 19087

Ion	Ratio	Lower	Upper
77	100		
182	52.7	6.5	46.5#
105	146.4	3.8	43.8#
51	37.8	5.5	45.5



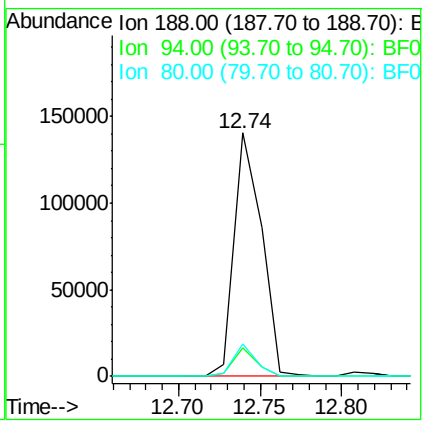


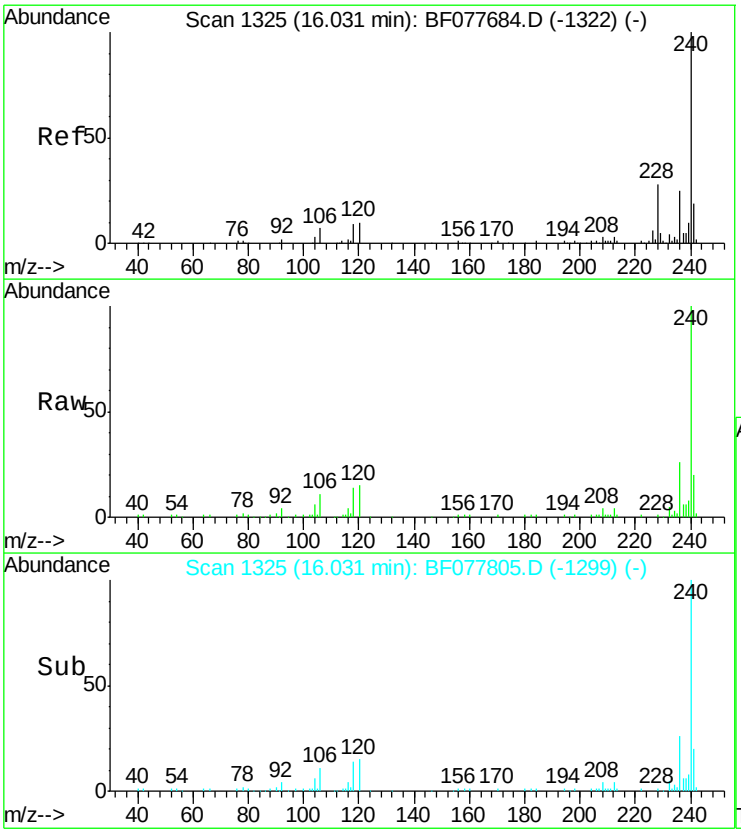
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

Tgt Ion:188 Resp: 163131

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.7	13.1
80	13.1	9.3	13.9

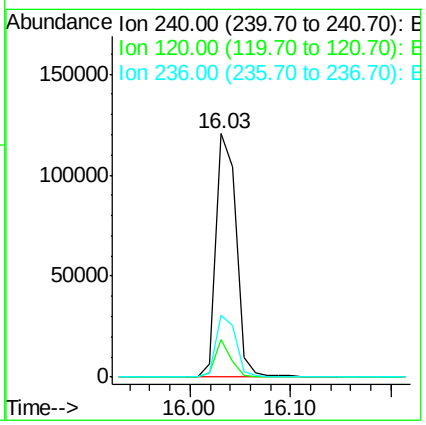


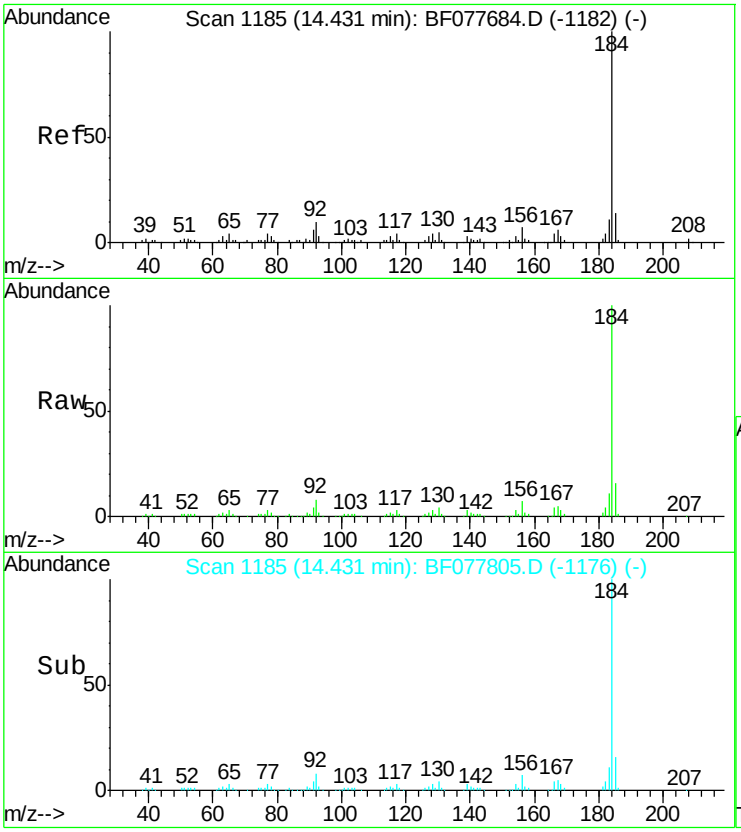


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Tgt Ion:240 Resp: 168776

Ion	Ratio	Lower	Upper
240	100		
120	15.2	8.2	12.2#
236	25.6	20.0	30.0



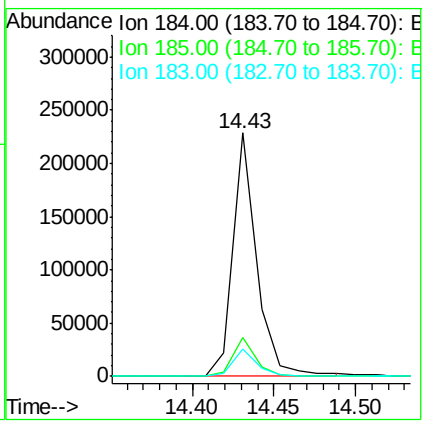


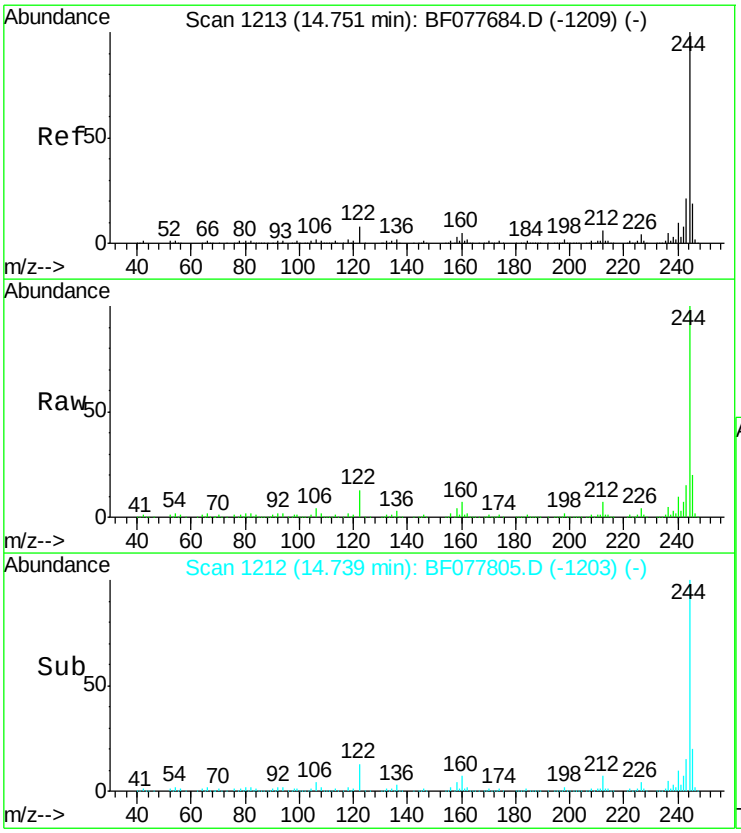
#76
Benzidine
Concen: 55.00 ng
RT: 14.43 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

Tgt Ion:184 Resp: 228860

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.3	16.9
183	11.1	8.9	13.3

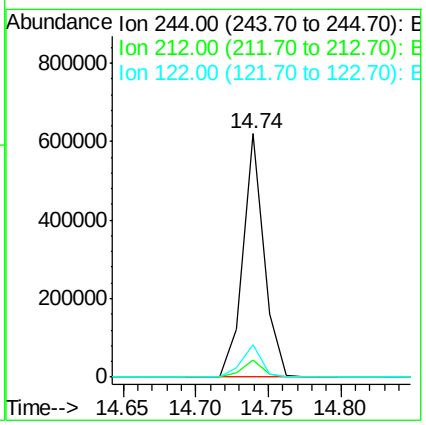


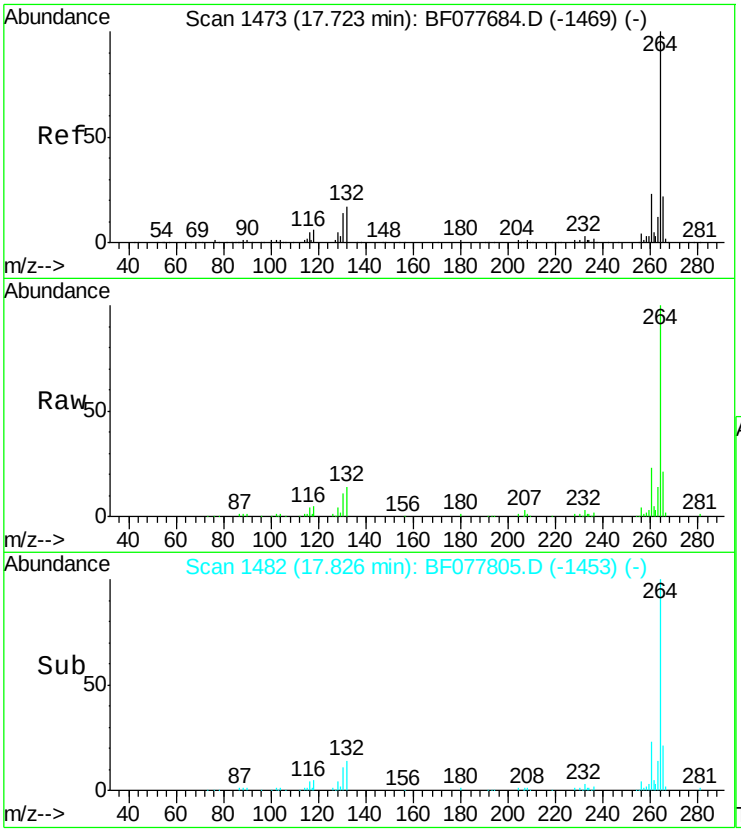


#78
Terphenyl-d14
Concen: 90.67 ng
RT: 14.74 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Tgt Ion:244 Resp: 626453

Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	13.1	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1482
Delta R.T. 0.03 min
Lab File: BF077805.D
Acq: 18 Mar 2015 19:41

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

Tgt Ion:264 Resp: 158080

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.4	17.3	25.9