Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Time: Nov 24 04:35:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	190607	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	636320	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	313214	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	552998	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	420376	20.00	ng	-0.02
86) Perylene-d12	15.14	264	365114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	846513	67.14	ng	-0.03
7) Phenol-d6	6.32	99	839776	51.48	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1361657	97.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	442198	138.00	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1843445	82.07	ng	-0.01
78) Terphenyl-d14	12.74	244	1635484	91.62	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	27785	4.45	ng	# 1
4) n-Nitrosodimethylamine	2.68	42	18612	2.45	ng	# 1
9) Benzaldehyde	6.19	77	6721	Below Cal		90
15) Benzyl Alcohol	6.80	79	31313	2.30	ng	# 48
18) Hexachloroethane	7.22	117	187851	33.90	ng	# 5
19) n-Nitroso-di-n-propylamine	7.07	70	48563	4.28	ng	# 77
24) Nitrobenzene	7.19	77	48330	3.25	ng	# 40
25) Isophorone	7.56	82	219045	8.31	ng	# 1
35) Caprolactam	8.52	113	36977	11.57	ng	# 1
36) 4-Chloro-3-methylphenol	8.58	107	39532	3.42	ng	# 29
37) 2-Methylnaphthalene	8.65	142	82518	3.70	ng	94
50) 2,6-Dinitrotoluene	9.46	165	23689	4.38	ng	# 68
52) 3-Nitroaniline	9.70	138	49742	8.62	ng	# 29
55) 4-Nitrophenol	9.88	139	28190	6.37	ng	# 1
59) Diethylphthalate	10.11	149	52437	2.18	ng	# 40
66) 4-Bromophenyl-phenylether	10.48	248	30676	5.00	ng	# 1
76) Benzidine	12.38	184	181058	16.43	ng	# 89
83) Bis(2-ethylhexyl)phthalate	13.78	149	41815	2.36	ng	91

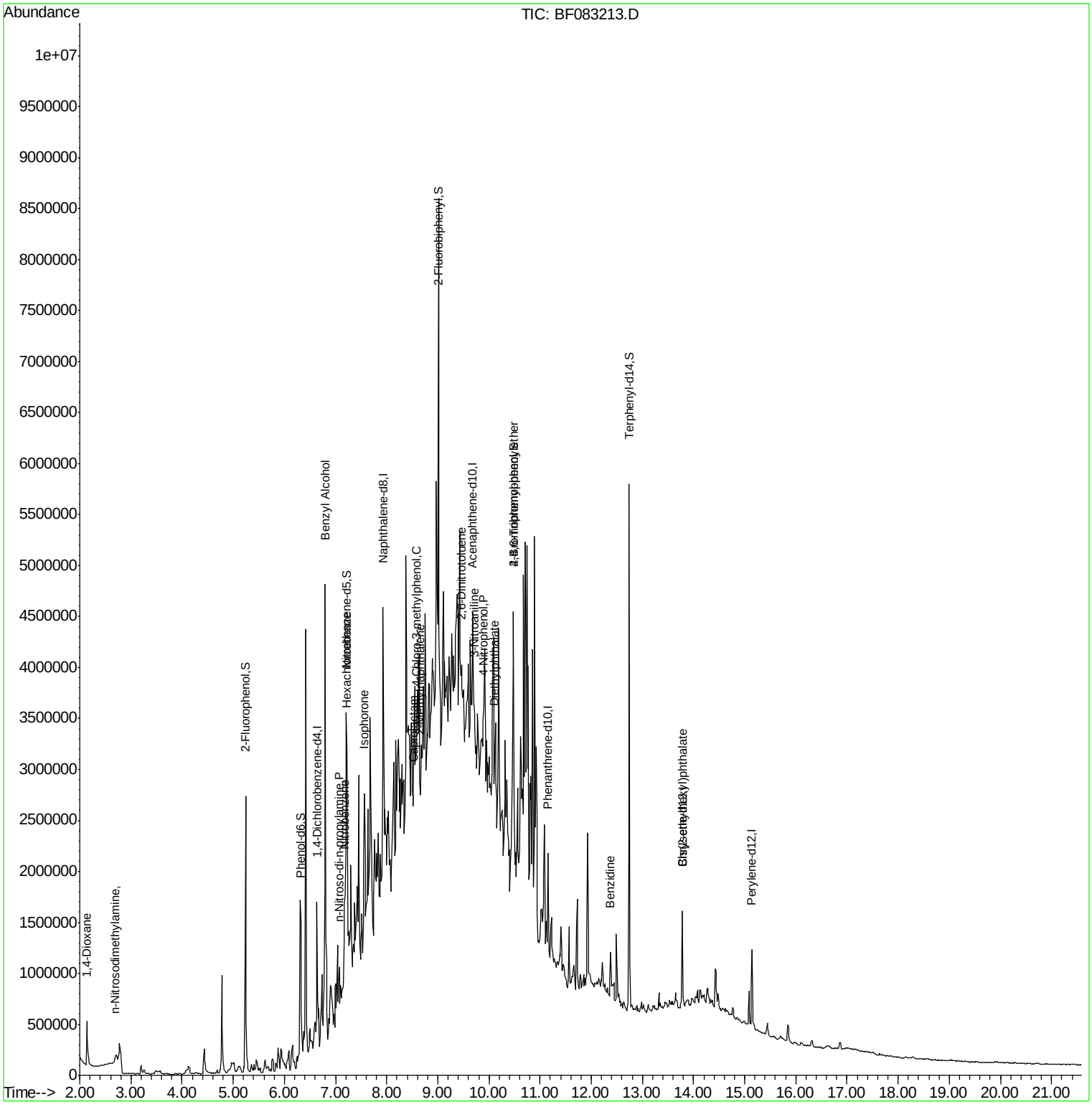
(#) = qualifier out of range (m) = manual integration (+) = signals summed

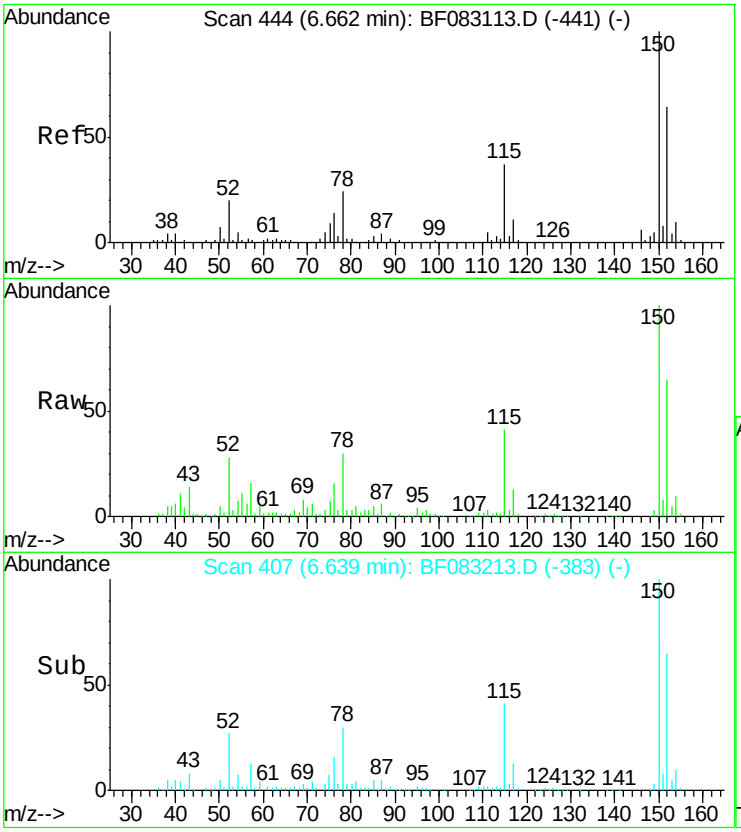
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083213.D
Acq On : 23 Nov 2015 19:40
Operator : UM/IZ
Sample : G4437-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02

Quant Time: Nov 24 04:35:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration



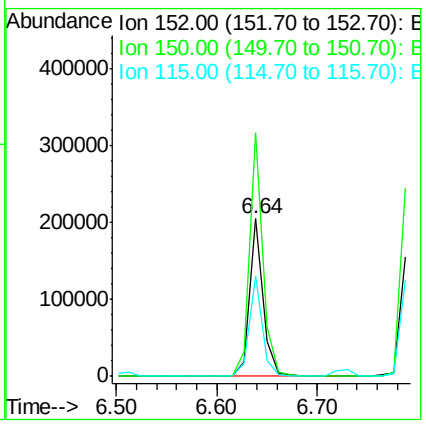


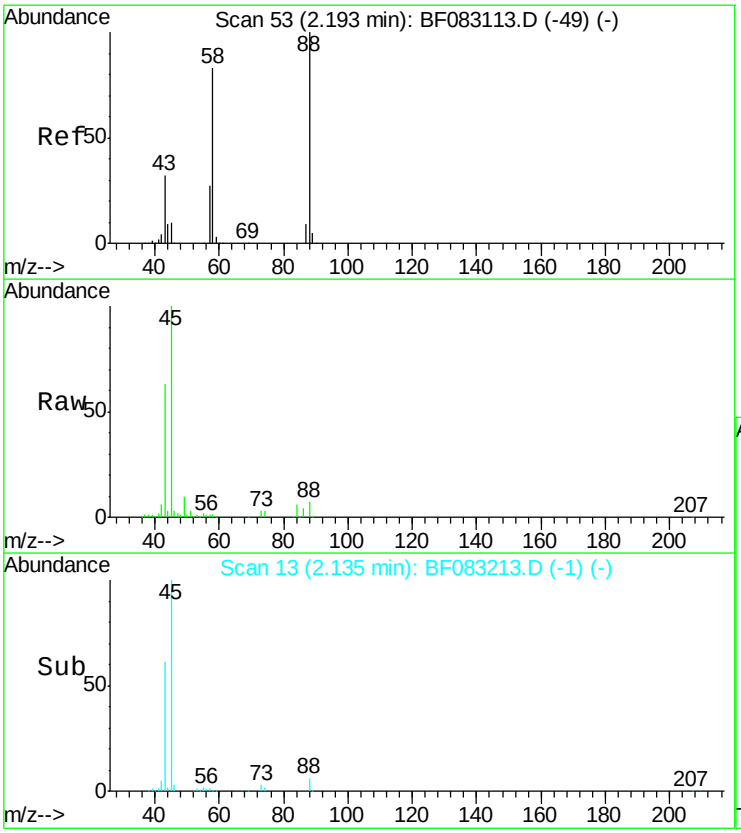
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:152 Resp: 190607

Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.8	188.8
115	63.4	46.9	70.3

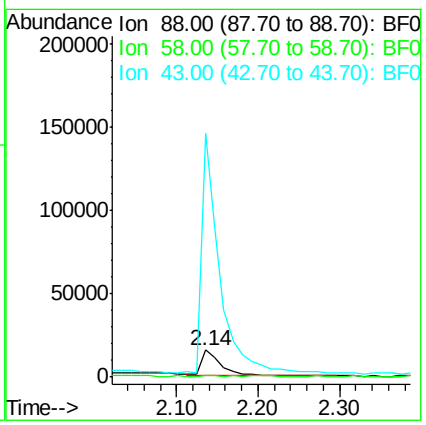


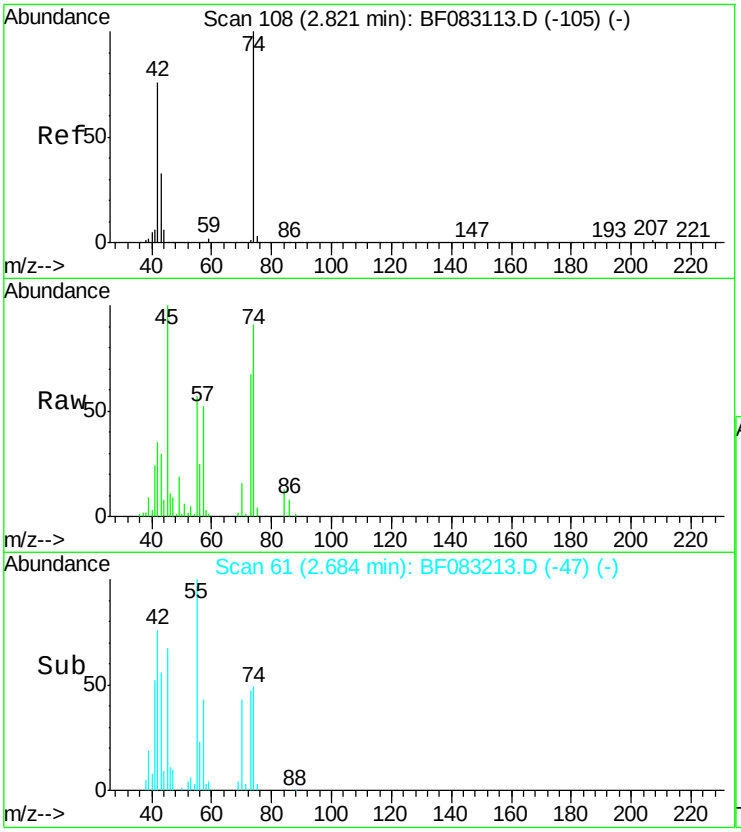


#2
1,4-Dioxane
Concen: 4.45 ng
RT: 2.14 min Scan# 13
Delta R.T. -0.06 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion: 88 Resp: 27785

Ion	Ratio	Lower	Upper
88	100		
58	7.7	65.0	97.6#
43	811.9	24.7	37.1#



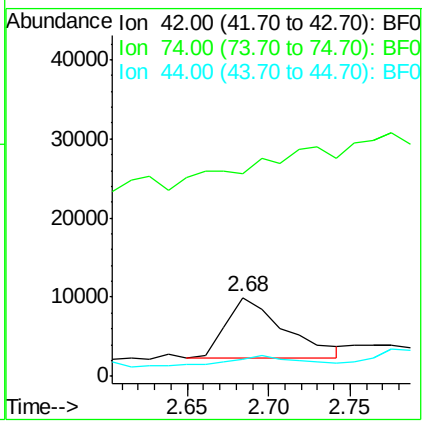


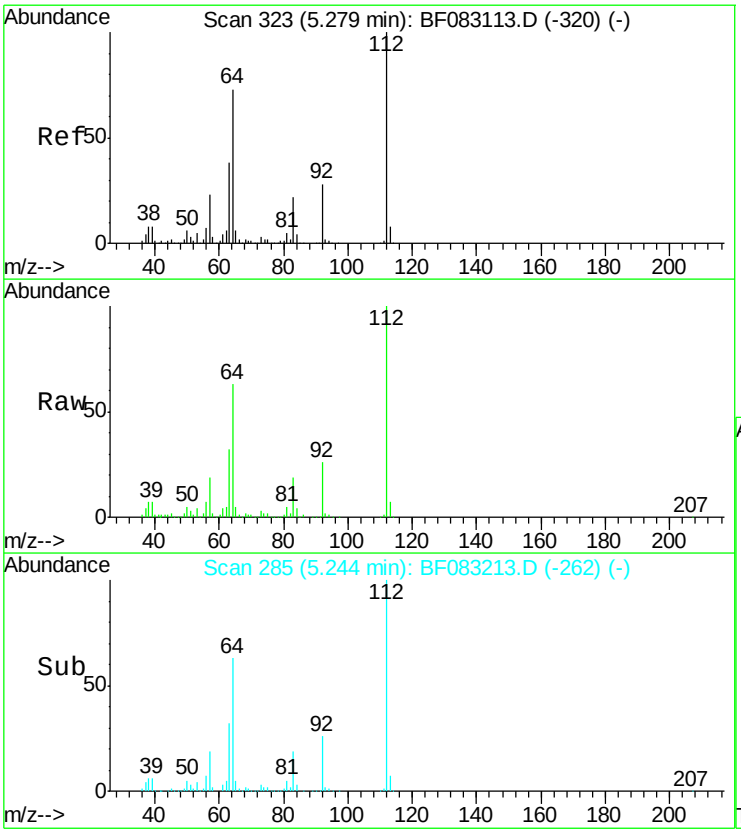
#4
n-Nitrosodimethylamine
Concen: 2.45 ng
RT: 2.68 min Scan# 61
Delta R.T. -0.14 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 42 Resp: 18612

Ion	Ratio	Lower	Upper
42	100		
74	256.0	104.8	157.2#
44	21.7	6.2	9.4#

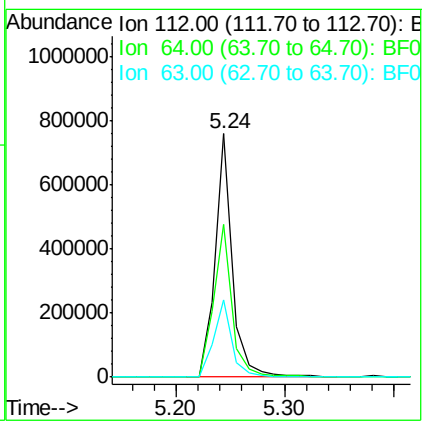


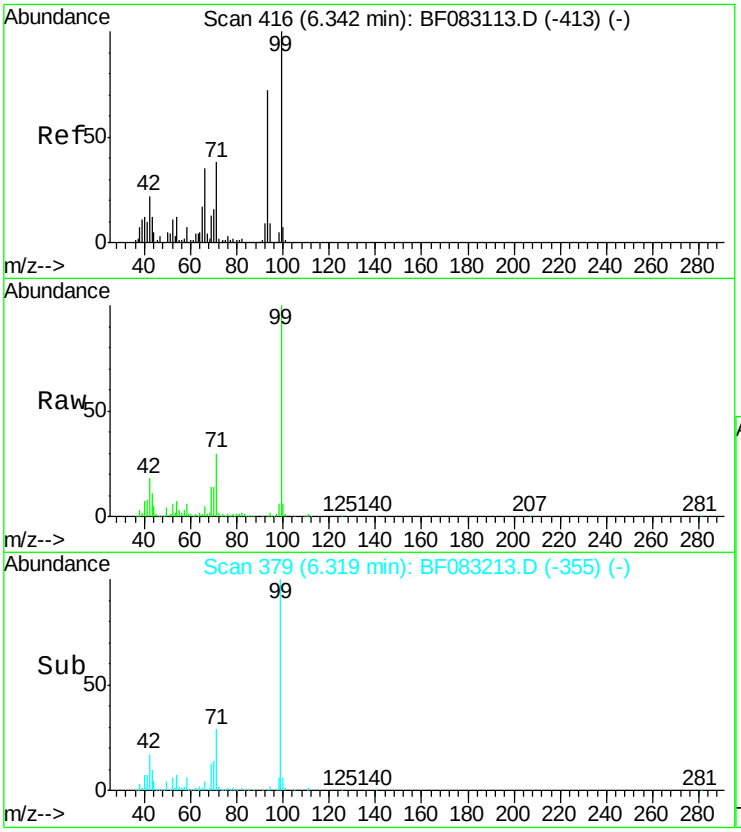


#5
2-Fluorophenol
Concen: 67.14 ng
RT: 5.24 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion:112 Resp: 846513

Ion	Ratio	Lower	Upper
112	100		
64	62.9	58.4	87.6
63	31.9	30.0	45.0



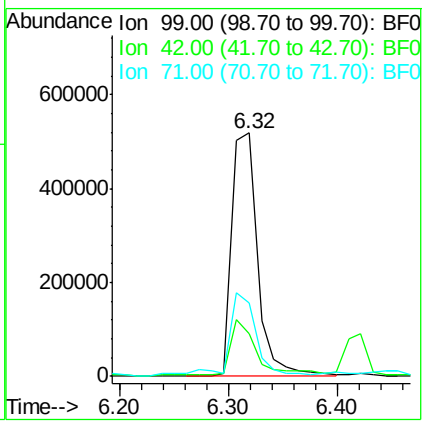


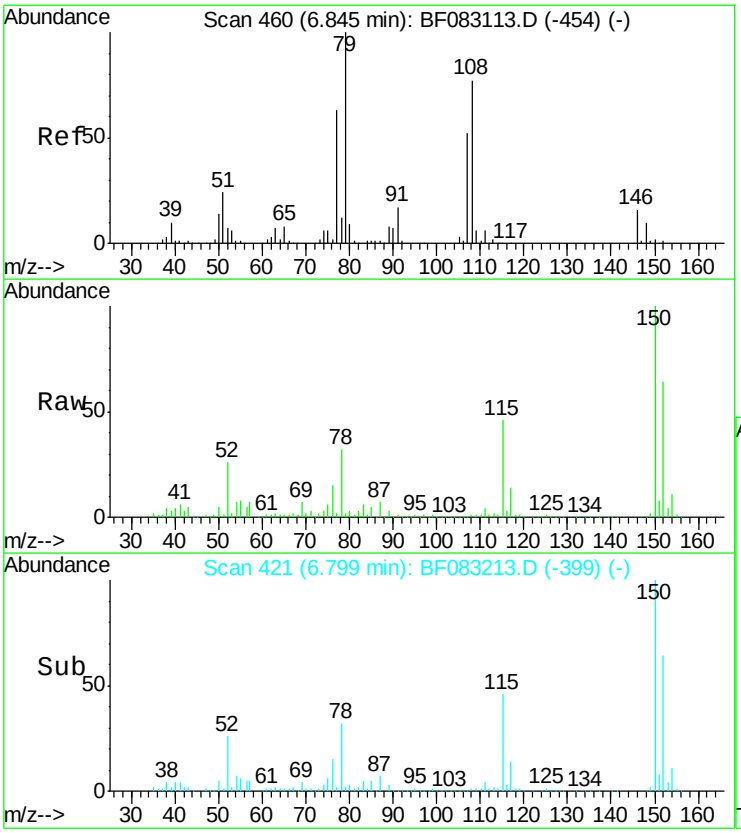
#7
Phenol-d6
Concen: 51.48 ng
RT: 6.32 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 99 Resp: 839776

Ion	Ratio	Lower	Upper
99	100		
42	17.7	17.7	26.5
71	29.9	30.2	45.4#

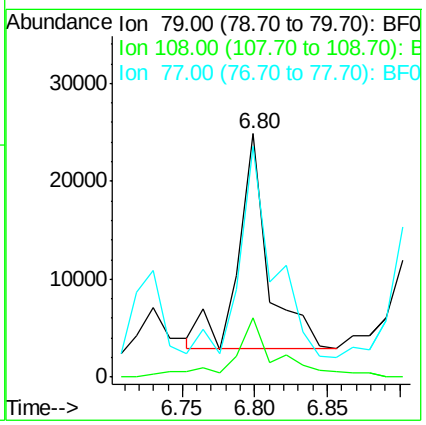


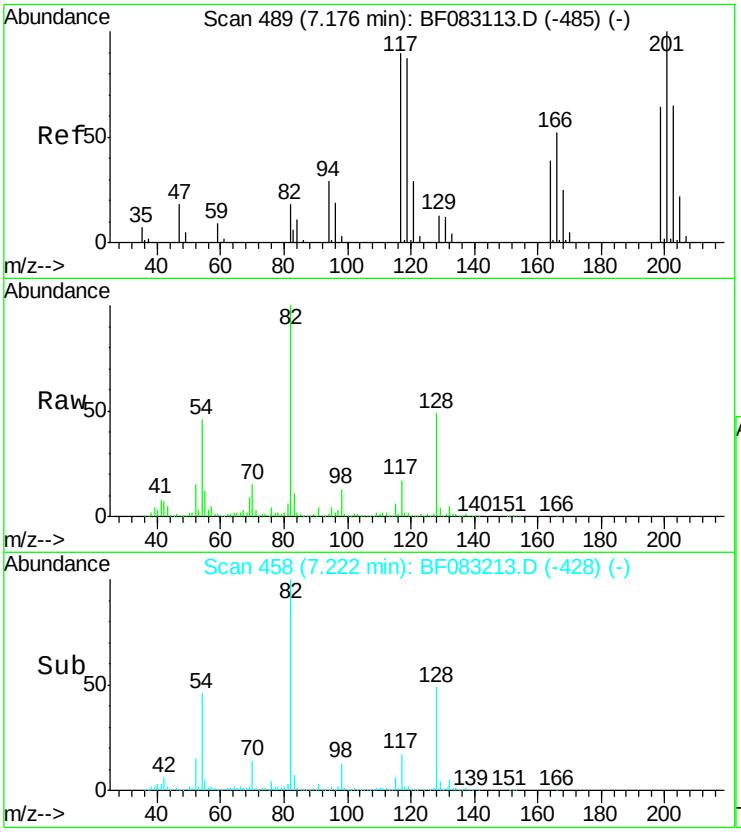


#15
Benzyl Alcohol
Concen: 2.30 ng
RT: 6.80 min Scan# 421
Delta R.T. -0.05 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion: 79 Resp: 31313

Ion	Ratio	Lower	Upper
79	100		
108	24.5	61.4	92.2#
77	94.6	50.5	75.7#



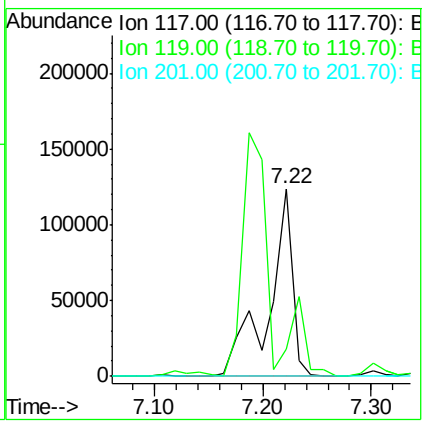


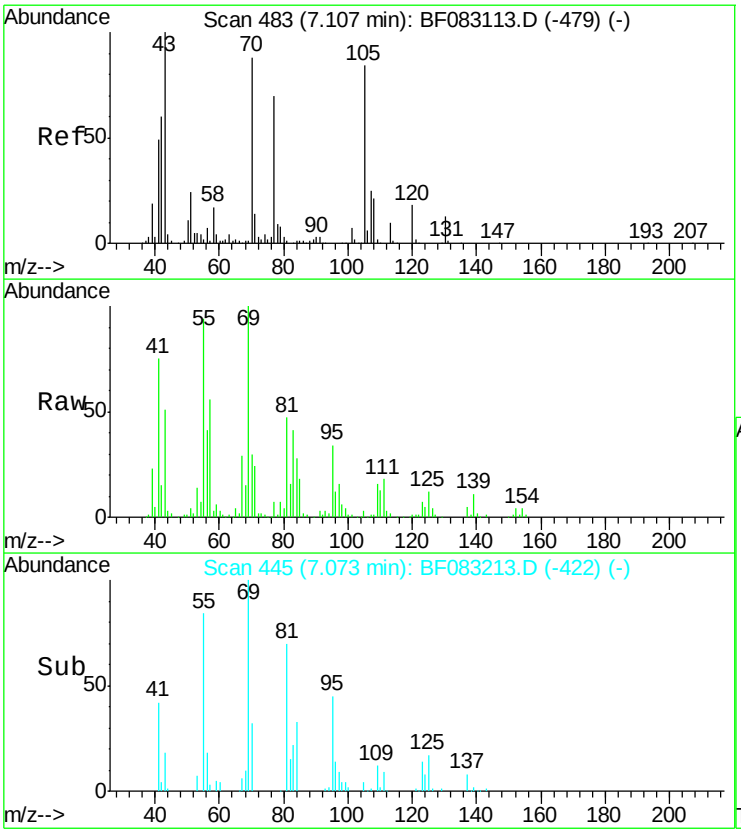
#18
Hexachloroethane
Concen: 33.90 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:117 Resp: 187851

Ion	Ratio	Lower	Upper
117	100		
119	14.9	76.8	115.2#
201	0.0	88.6	133.0#

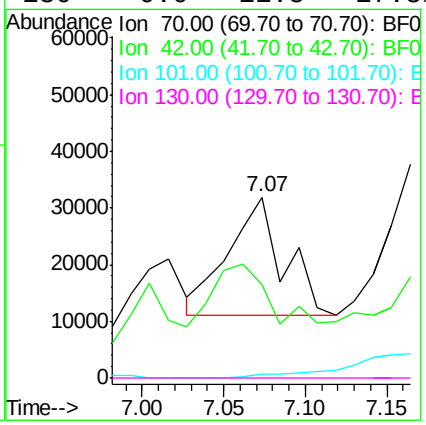


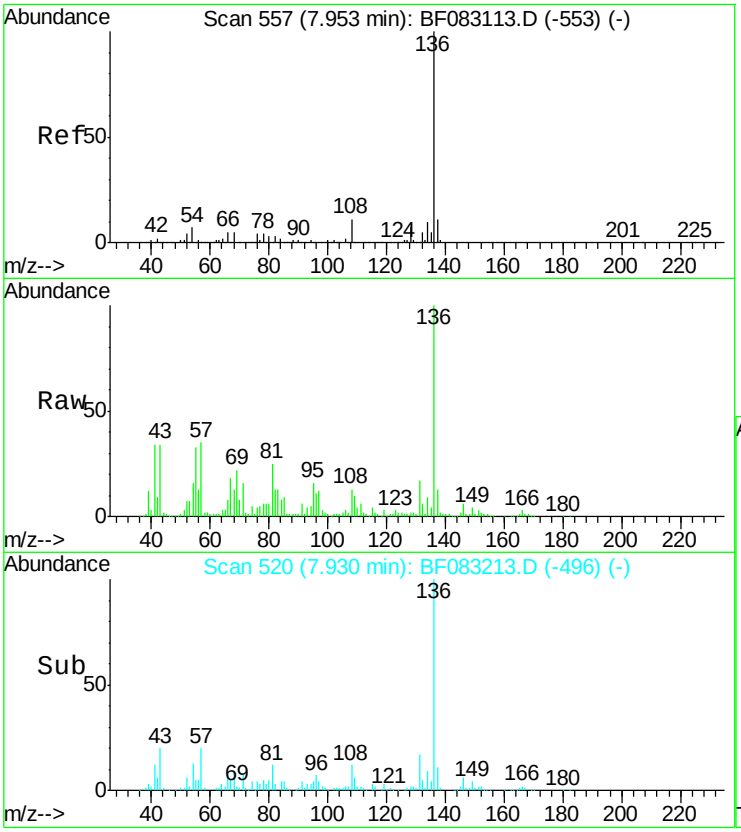


#19
n-Nitroso-di-n-propylamine
Concen: 4.28 ng
RT: 7.07 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion: 70 Resp: 48563

Ion	Ratio	Lower	Upper
70	100		
42	51.5	54.5	81.7#
101	1.9	6.6	9.8#
130	0.0	11.5	17.3#



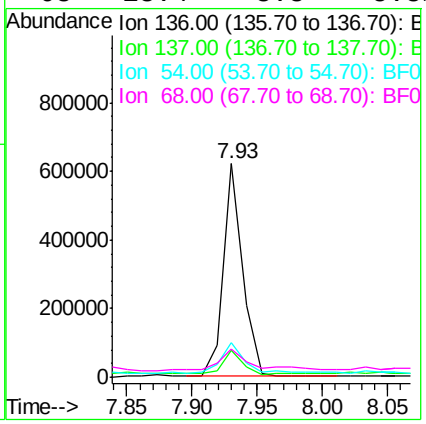


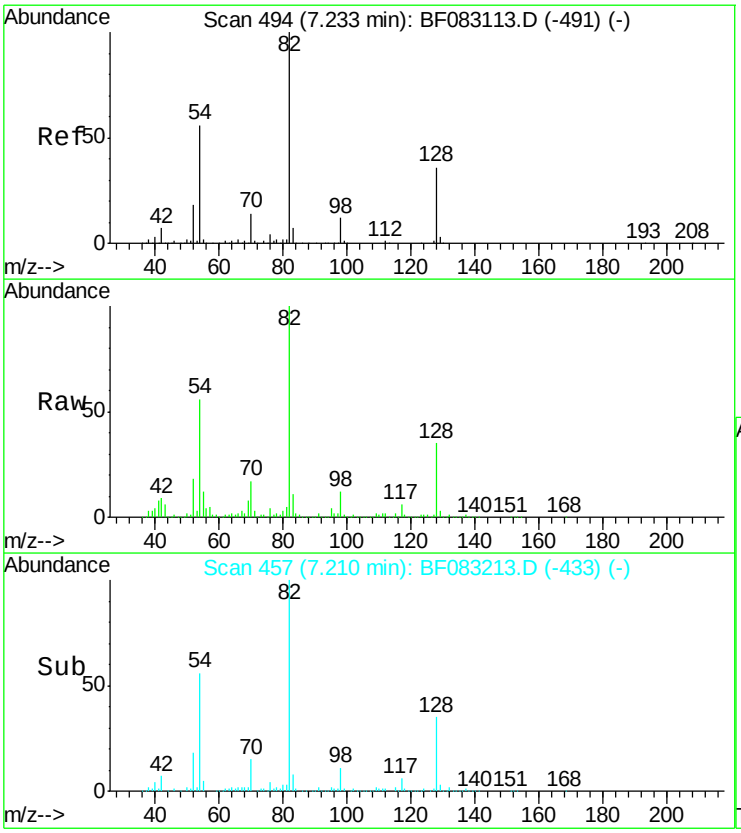
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:136 Resp: 636320

Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.7	13.1
54	16.0	5.8	8.6#
68	13.4	3.8	5.8#

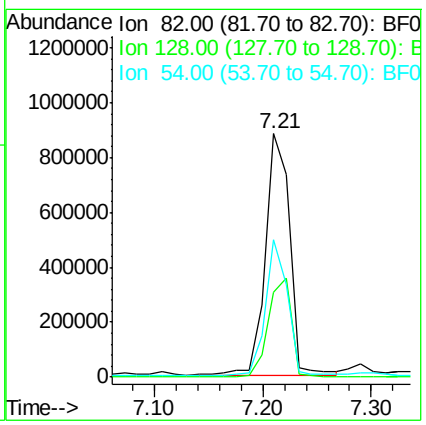


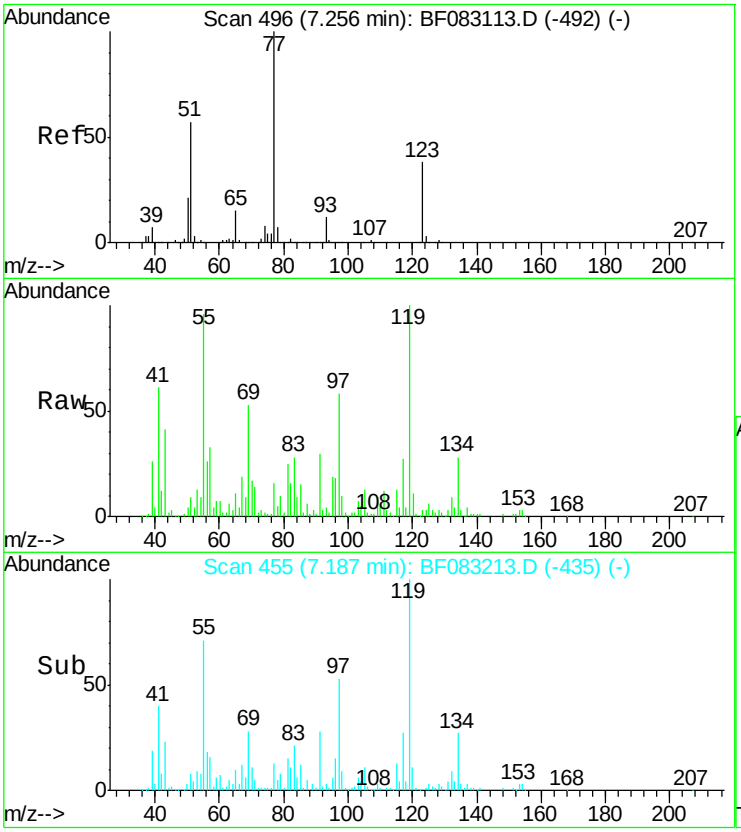


#23
Nitrobenzene-d5
Concen: 97.78 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion: 82 Resp: 1361657

Ion	Ratio	Lower	Upper
82	100		
128	35.0	28.5	42.7
54	56.3	44.6	67.0



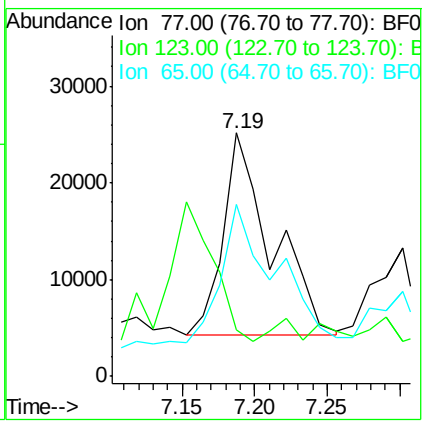


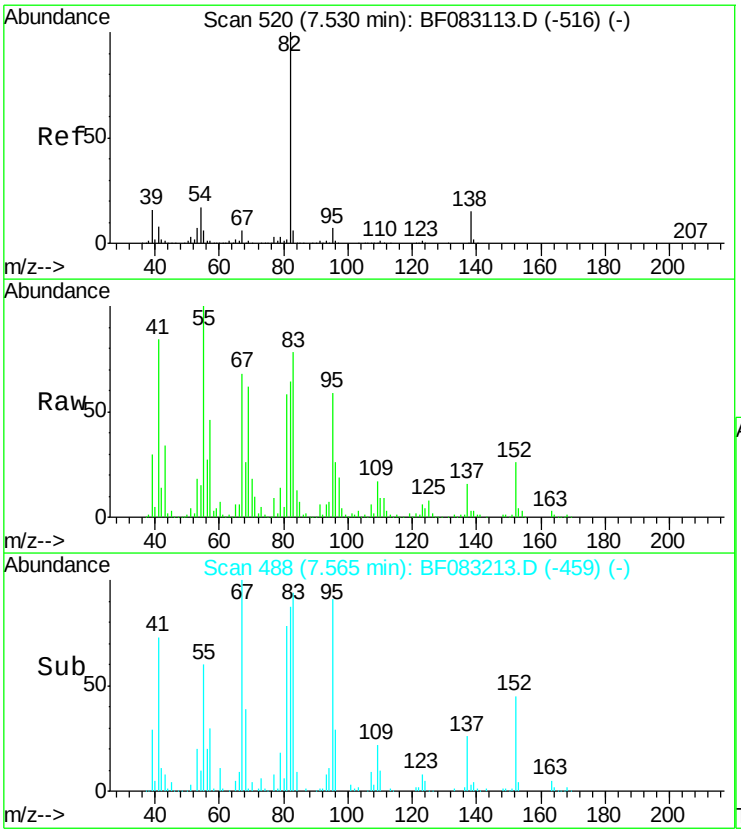
#24
Nitrobenzene
Concen: 3.25 ng
RT: 7.19 min Scan# 455
Delta R.T. -0.07 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 77 Resp: 48330

Ion	Ratio	Lower	Upper
77	100		
123	19.2	30.1	45.1#
65	70.9	11.6	17.4#

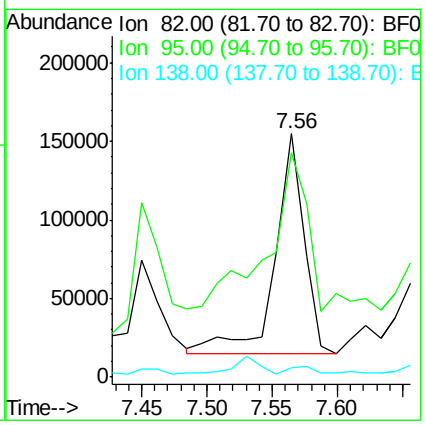


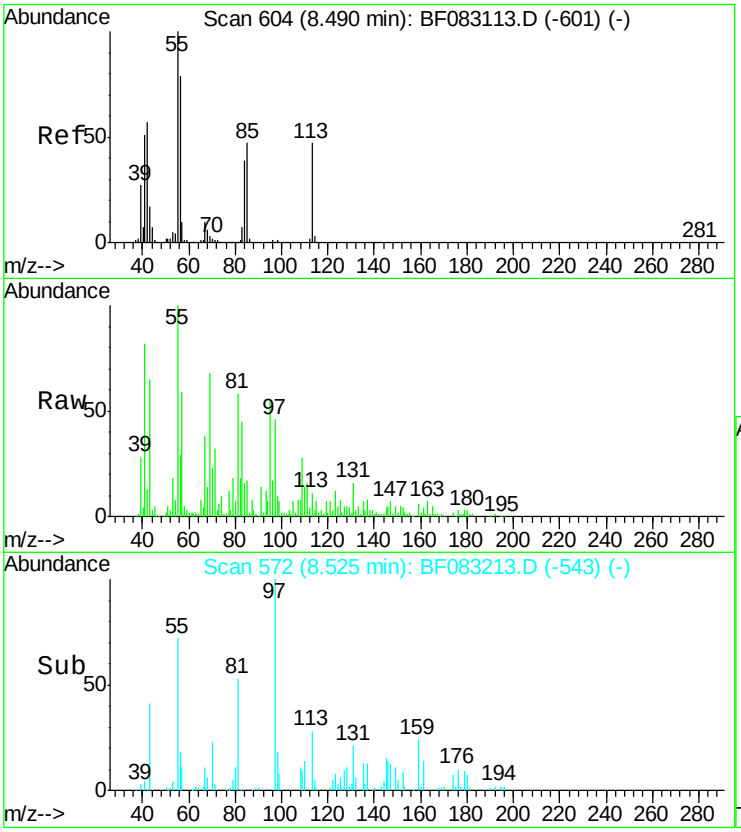


#25
Isophorone
Concen: 8.31 ng
RT: 7.56 min Scan# 488
Delta R.T. 0.03 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion: 82 Resp: 219045

Ion	Ratio	Lower	Upper
82	100		
95	92.4	5.8	8.8#
138	3.9	11.6	17.4#



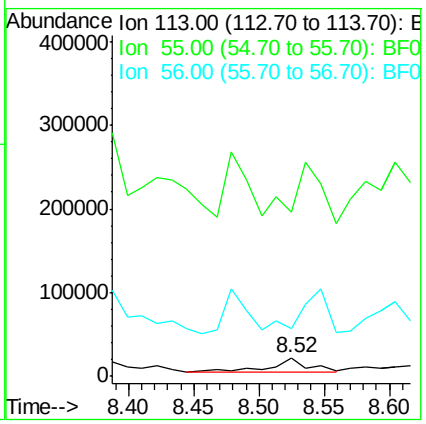


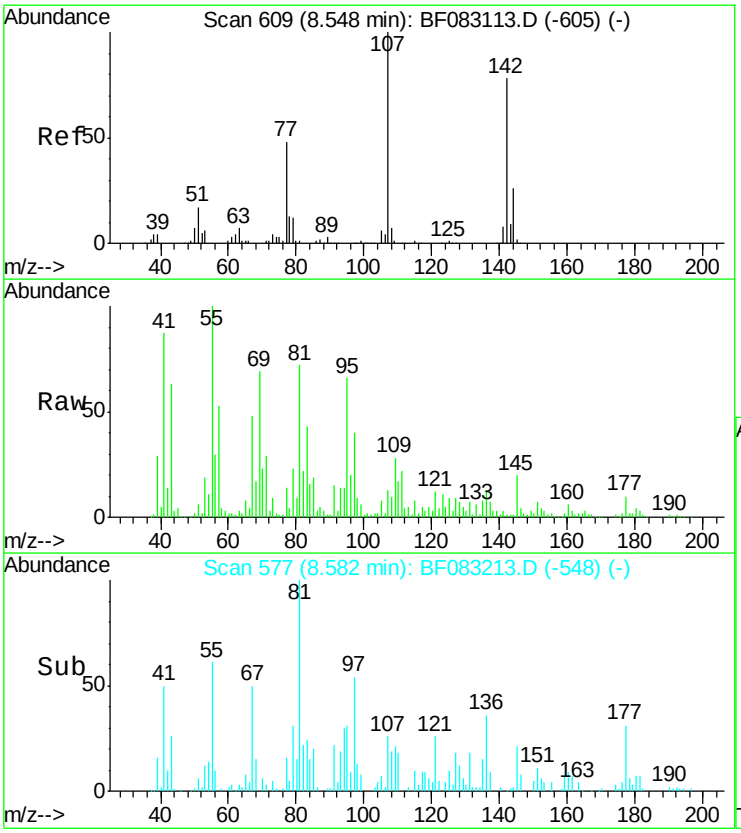
#35
Caprolactam
Concen: 11.57 ng
RT: 8.52 min Scan# 572
Delta R.T. 0.03 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:113 Resp: 36977

Ion	Ratio	Lower	Upper
113	100		
55	871.5	192.6	232.6#
56	255.1	148.6	188.6#

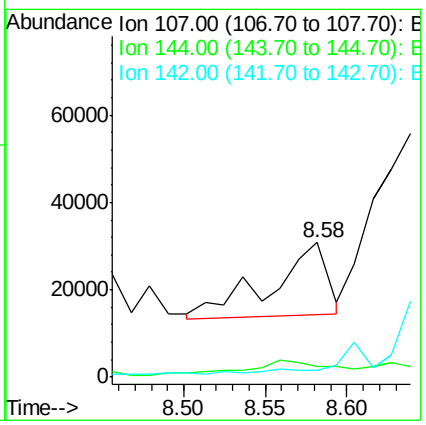


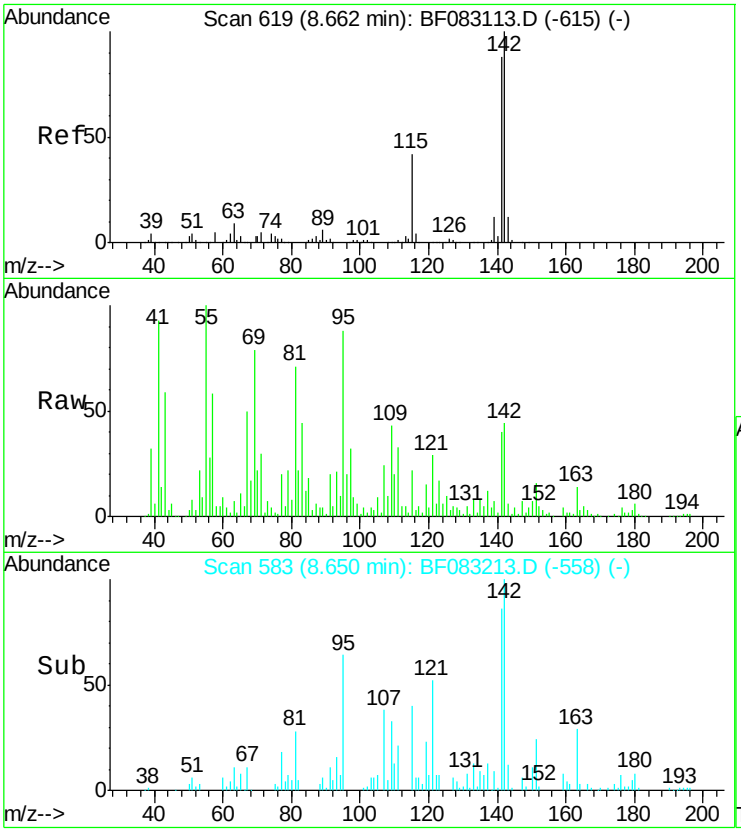


#36
4-Chloro-3-methylphenol
Concen: 3.42 ng
RT: 8.58 min Scan# 577
Delta R.T. 0.03 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion:107 Resp: 39532

Ion	Ratio	Lower	Upper
107	100		
144	7.6	20.8	31.2#
142	5.4	62.1	93.1#



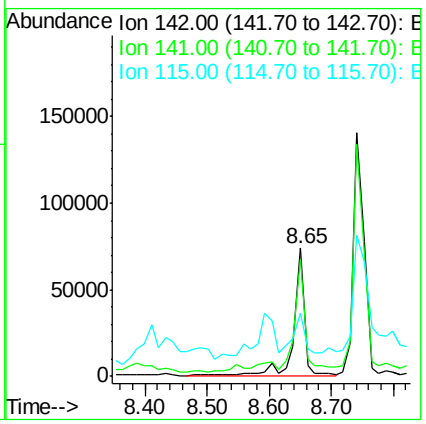


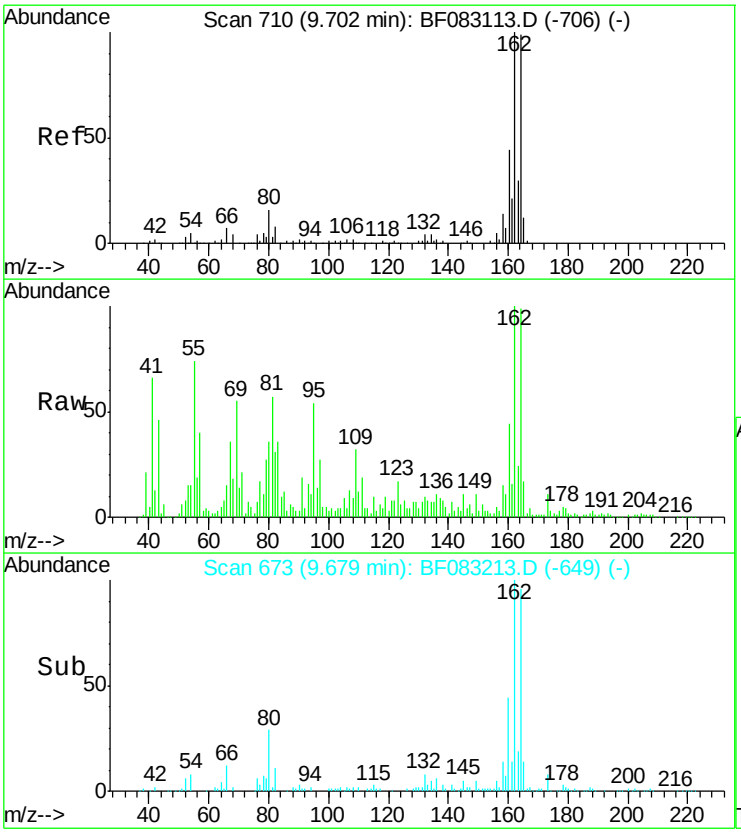
#37
2-Methylnaphthalene
Concen: 3.70 ng
RT: 8.65 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:142 Resp: 82518

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.3	105.5
115	49.6	33.4	50.2

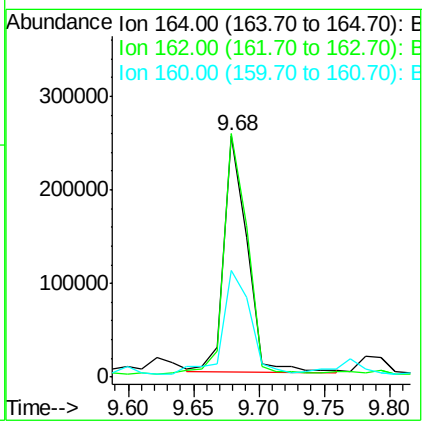


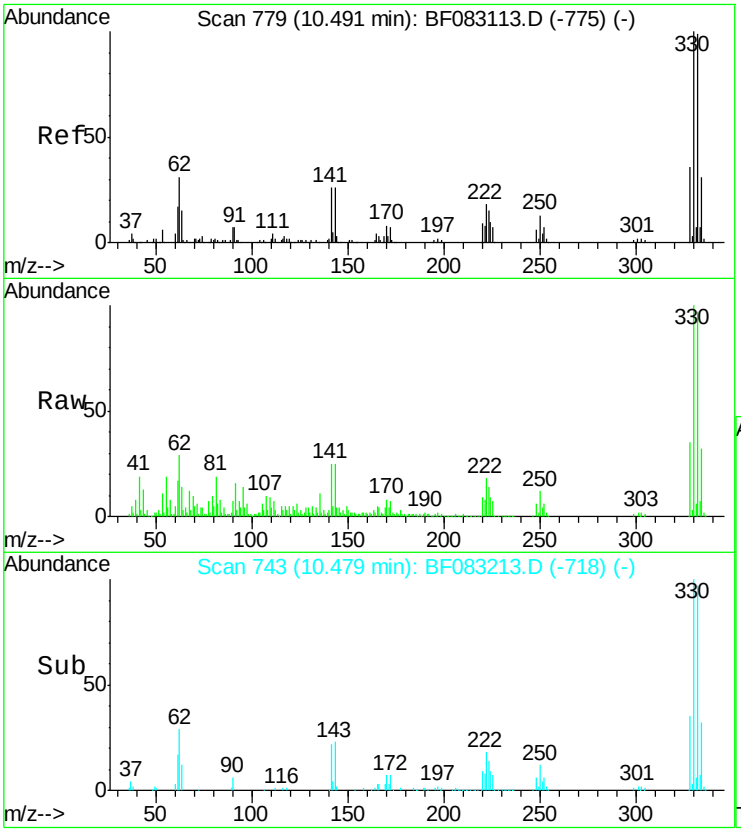


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion:164 Resp: 313214

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.2	121.8
160	44.4	35.6	53.4



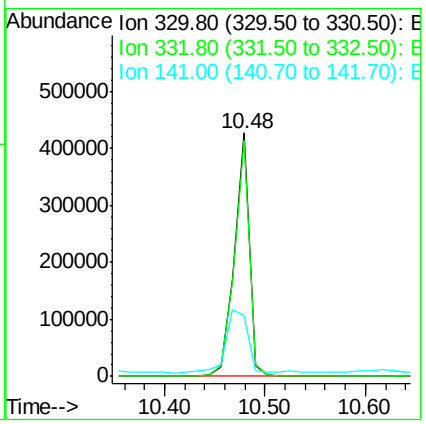


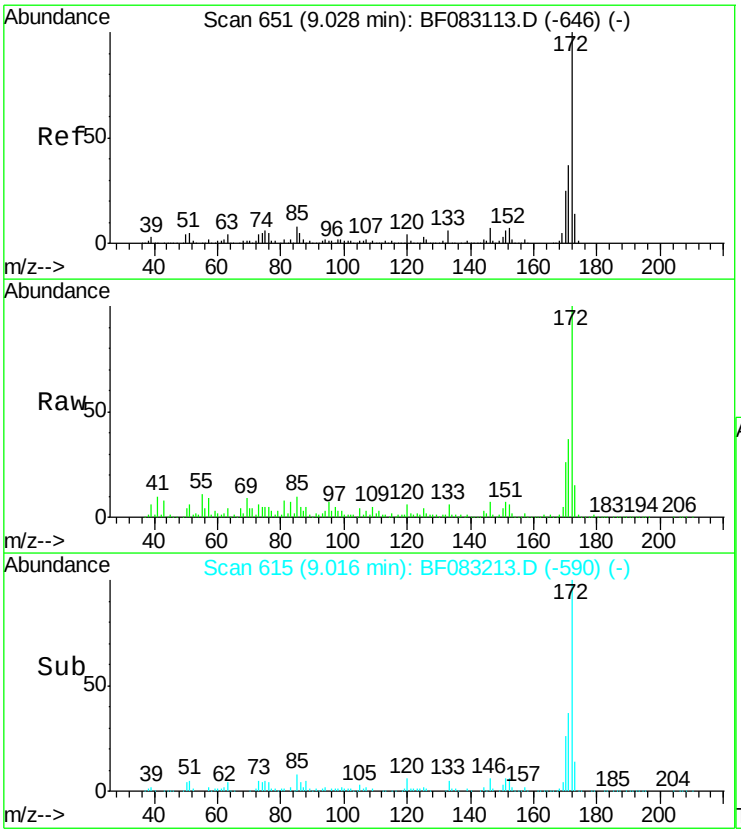
#41
2,4,6-Tribromophenol
Concen: 138.00 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:330 Resp: 442198

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	38.6	29.7	44.5

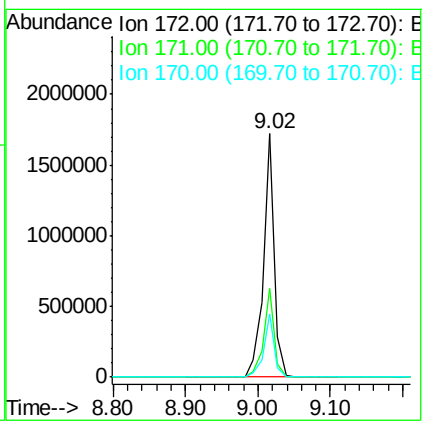


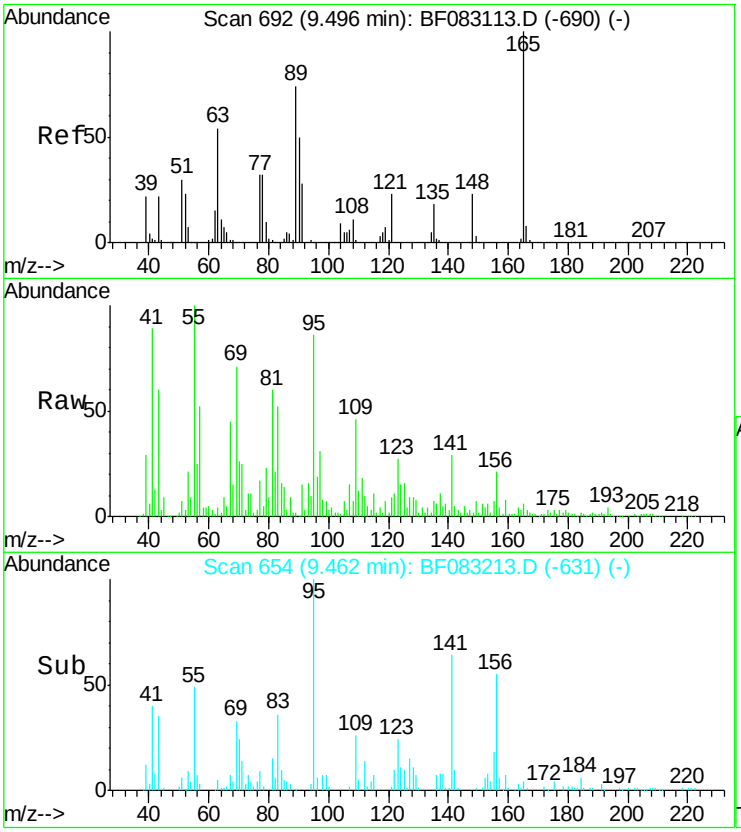


#44
2-Fluorobiphenyl
Concen: 82.07 ng
RT: 9.02 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion:172 Resp: 1843445

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	25.8	19.9	29.9



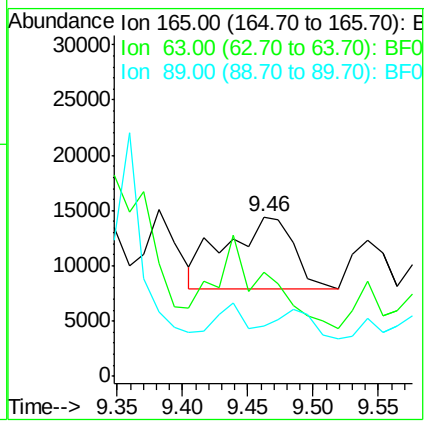


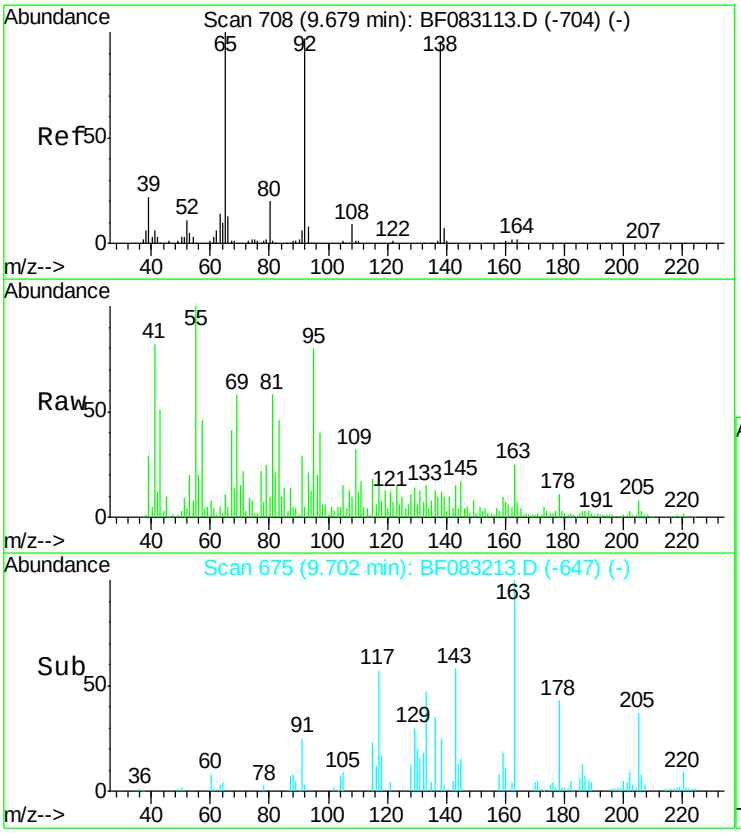
#50
2,6-Dinitrotoluene
Concen: 4.38 ng
RT: 9.46 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:165 Resp: 23689

Ion	Ratio	Lower	Upper
165	100		
63	65.6	62.5	93.7
89	31.9	59.1	88.7#

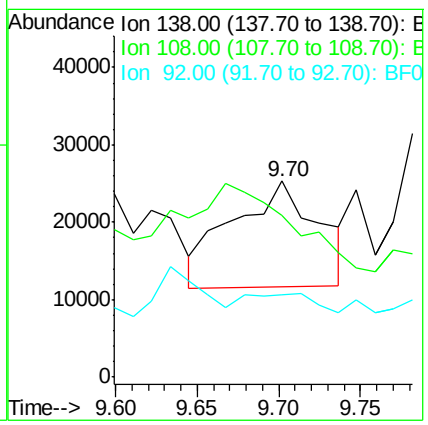


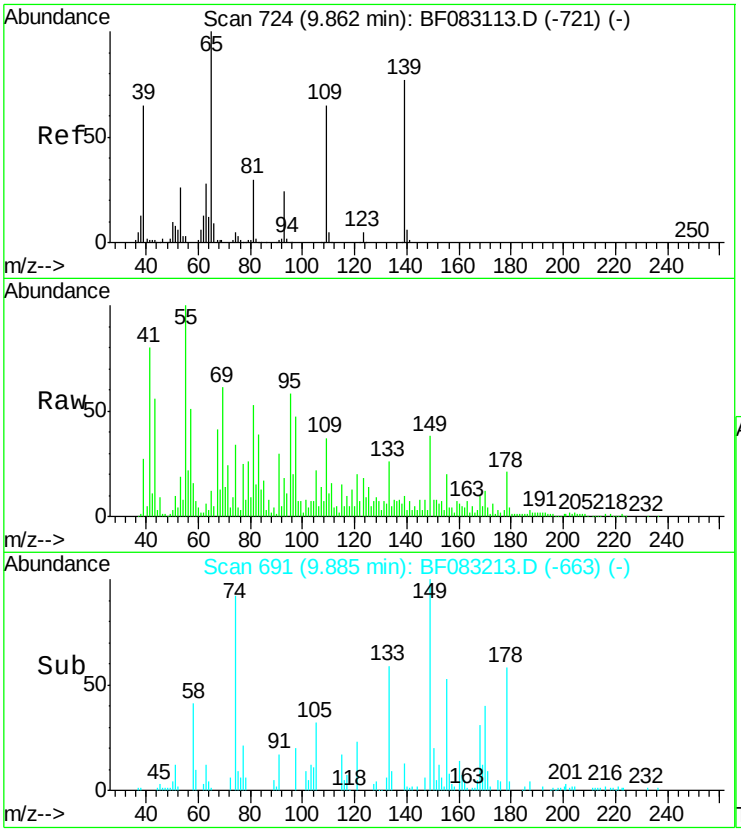


#52
3-Nitroaniline
Concen: 8.62 ng
RT: 9.70 min Scan# 675
Delta R.T. 0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion:138 Resp: 49742

Ion	Ratio	Lower	Upper
138	100		
108	82.5	7.8	11.6#
92	42.1	81.1	121.7#



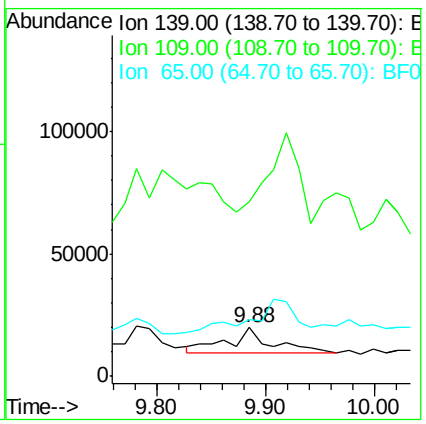


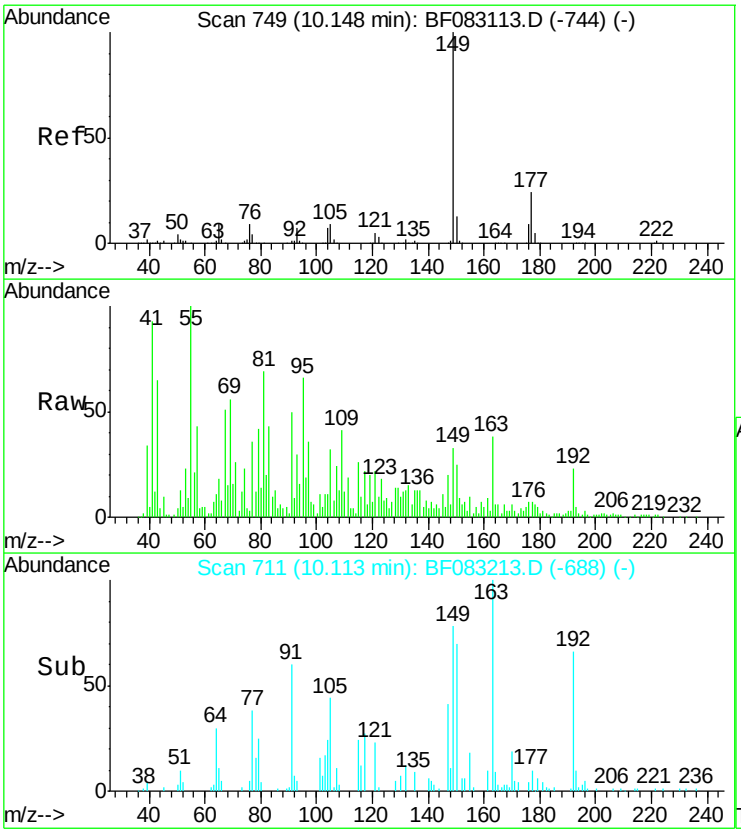
#55
4-Nitrophenol
Concen: 6.37 ng
RT: 9.88 min Scan# 691
Delta R.T. 0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:139 Resp: 28190

Ion	Ratio	Lower	Upper
139	100		
109	357.1	64.0	104.0#
65	116.0	109.5	149.5

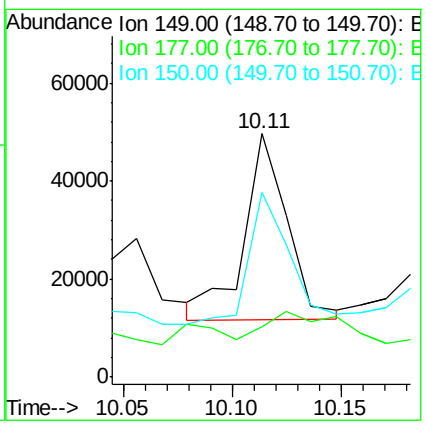


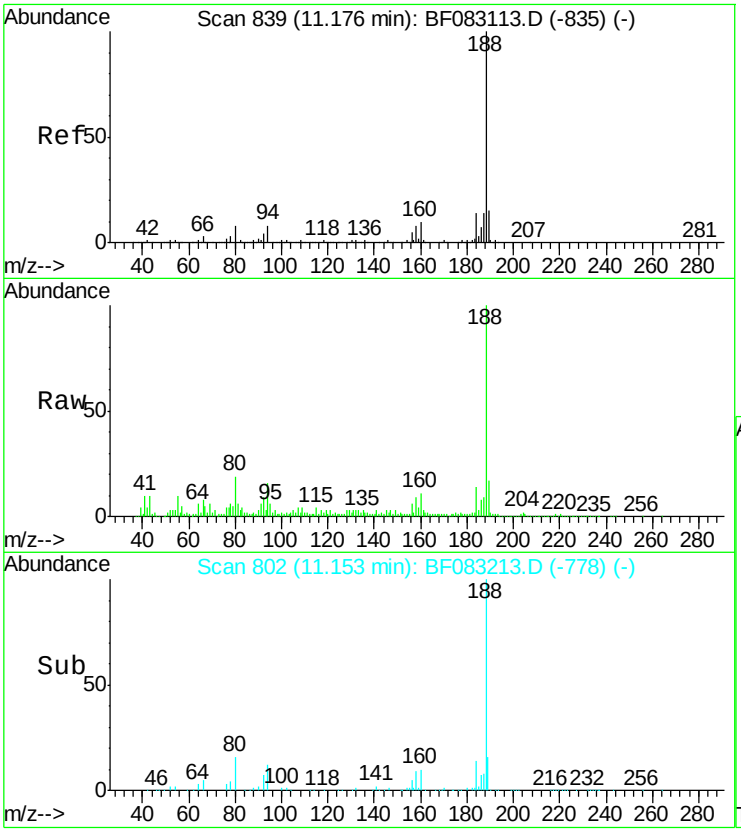


#59
Diethylphthalate
Concen: 2.18 ng
RT: 10.11 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion:149 Resp: 52437

Ion	Ratio	Lower	Upper
149	100		
177	20.6	19.4	29.2
150	75.7	10.2	15.2#



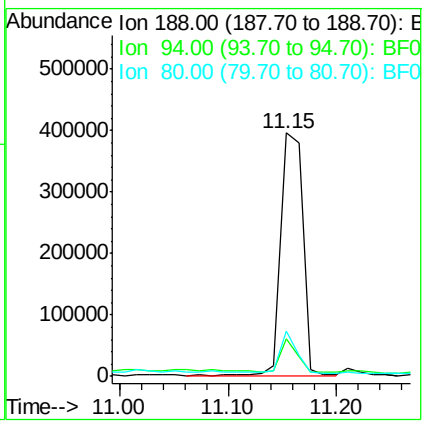


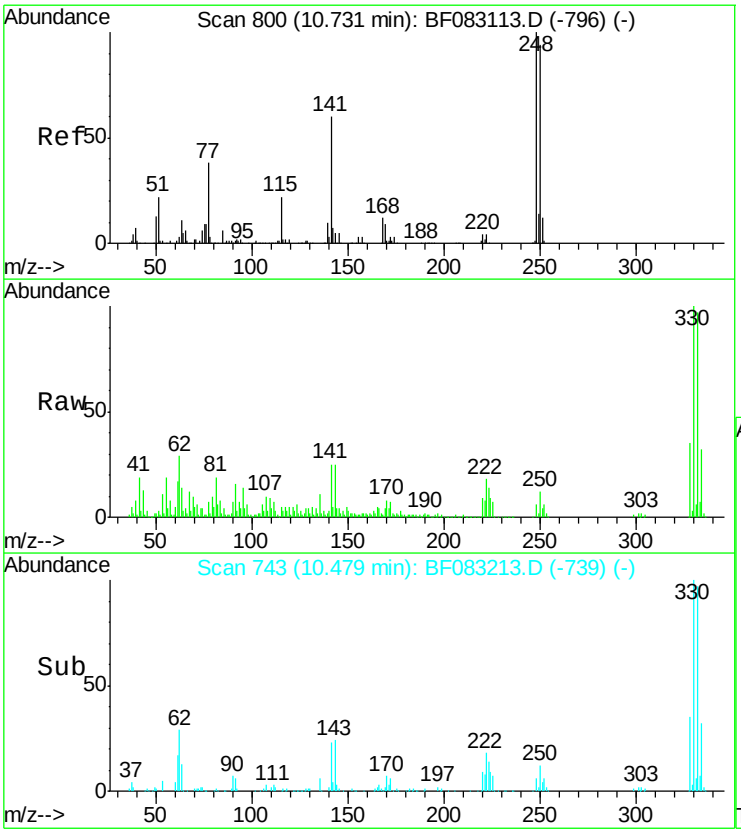
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:188 Resp: 552998

Ion	Ratio	Lower	Upper
188	100		
94	15.5	6.0	9.0#
80	18.8	6.7	10.1#

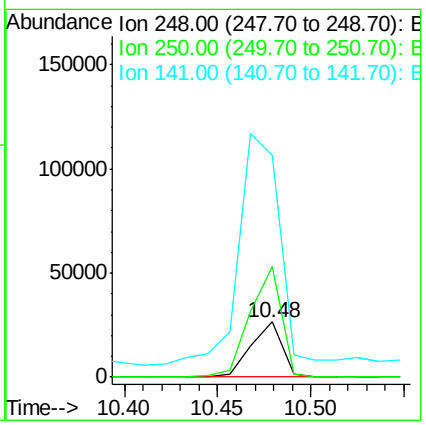


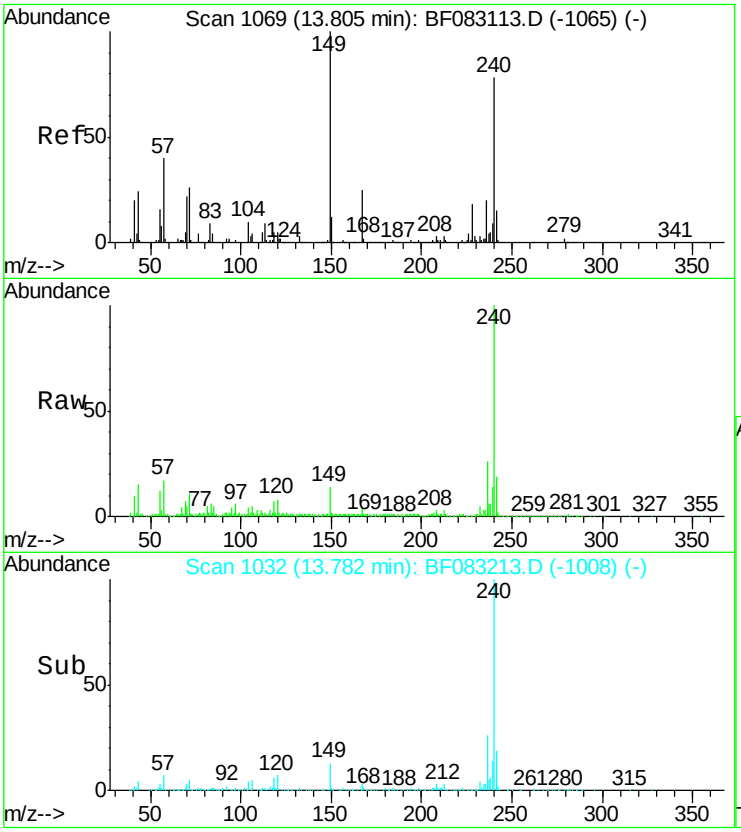


#66
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.25 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion:248 Resp: 30676

Ion	Ratio	Lower	Upper
248	100		
250	201.6	75.4	113.2#
141	404.7	48.1	72.1#



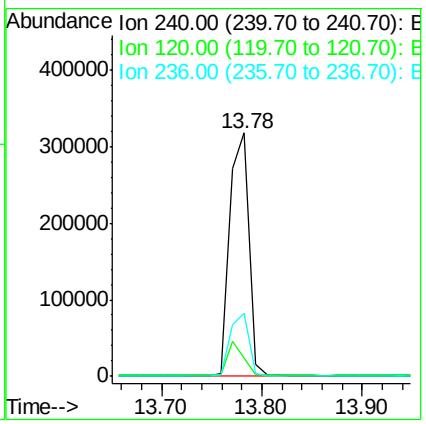


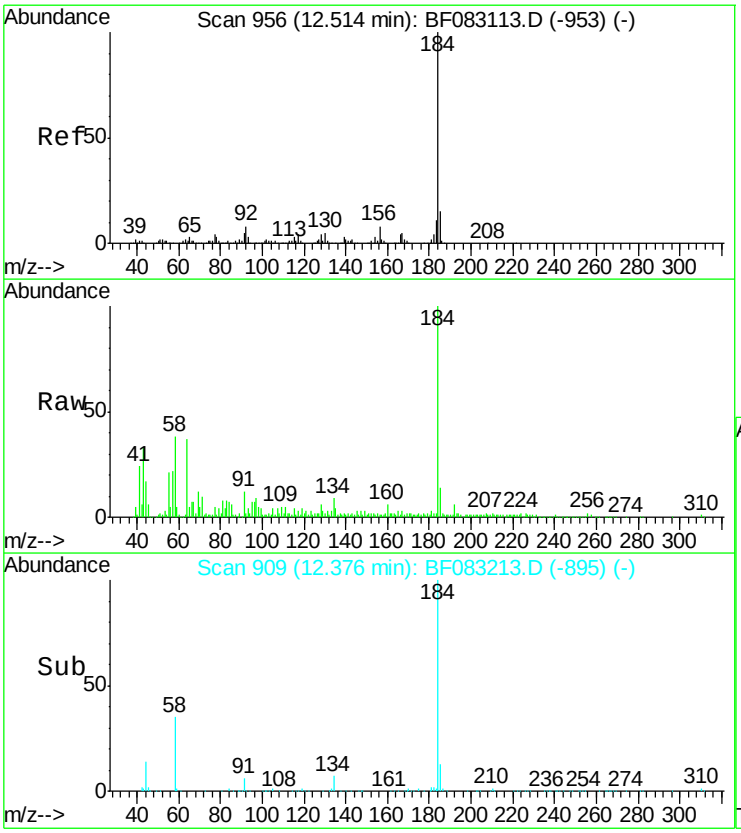
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:240 Resp: 420376

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.4	8.2
236	25.8	20.6	31.0

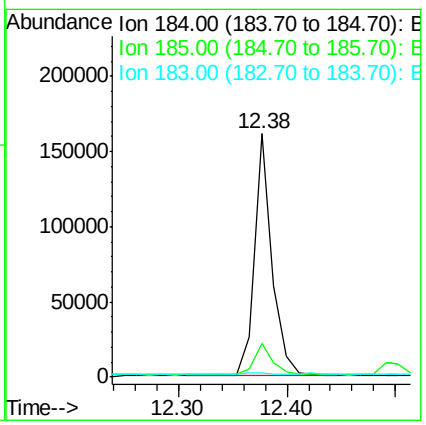


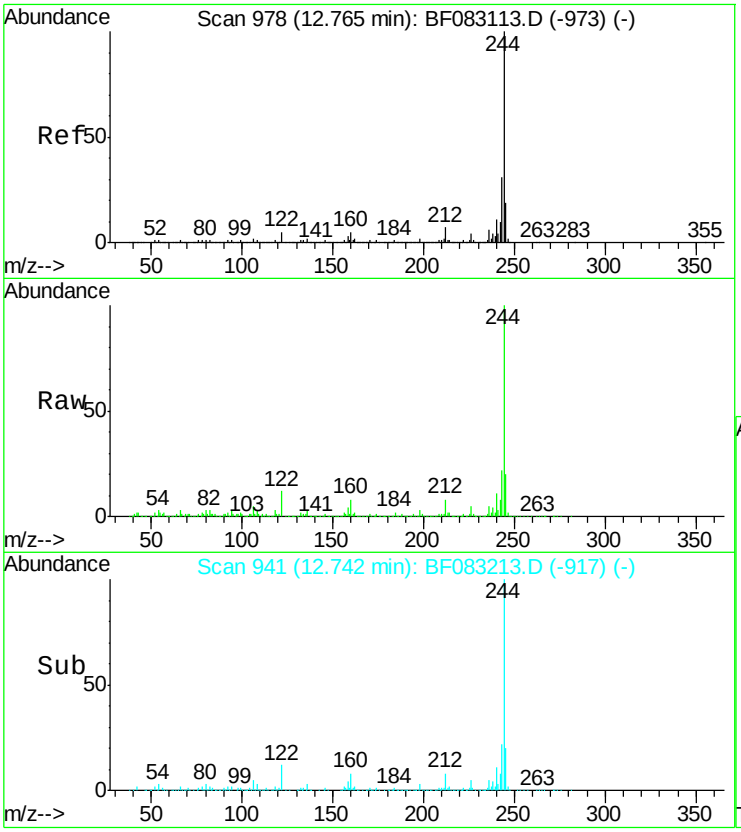


#76
Benzidine
Concen: 16.43 ng
RT: 12.38 min Scan# 909
Delta R.T. -0.14 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion:184 Resp: 181058

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.7	17.5
183	1.9	8.8	13.2#



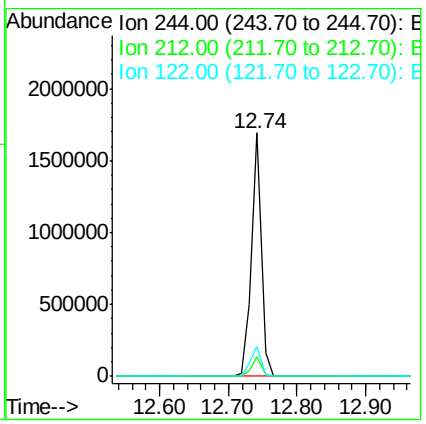


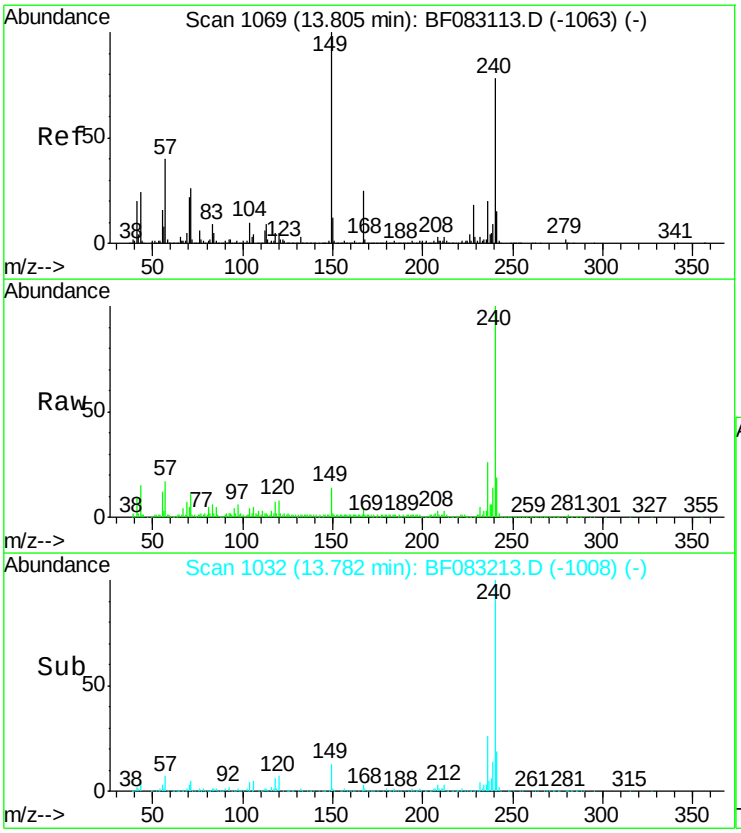
#78
Terphenyl-d14
Concen: 91.62 ng
RT: 12.74 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:244 Resp: 1635484

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.2
122	12.3	4.3	6.5#

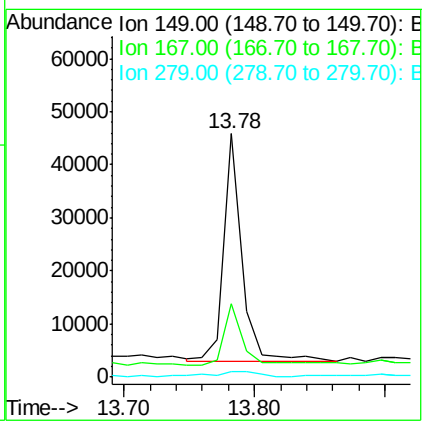


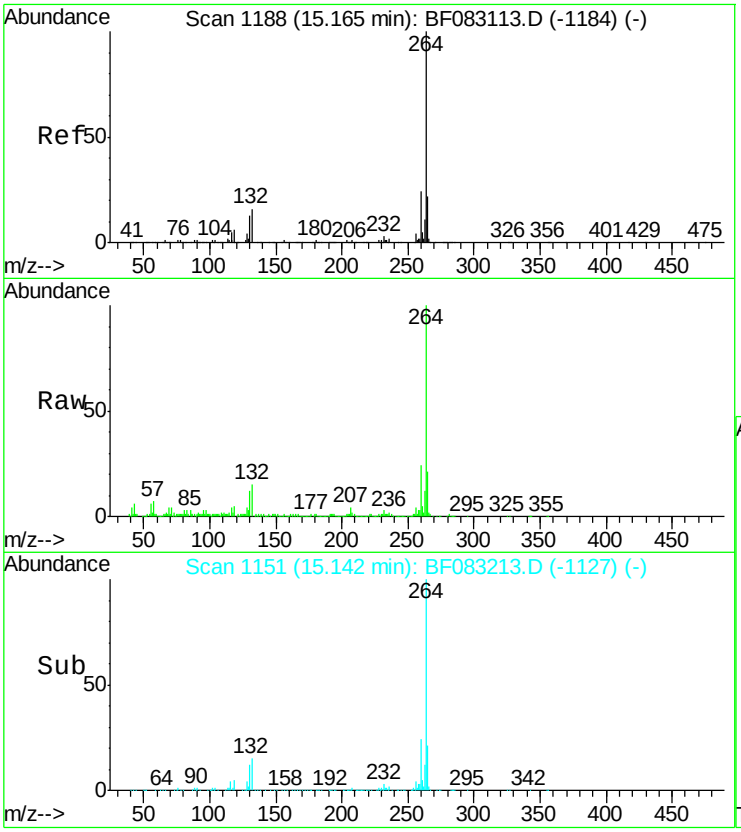


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.36 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Tgt Ion:149 Resp: 41815

Ion	Ratio	Lower	Upper
149	100		
167	30.1	20.1	30.1
279	2.5	1.7	2.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF083213.D
Acq: 23 Nov 2015 19:40

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:264 Resp: 365114

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.0	18.2	27.4