Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Time: Mar 21 03:34:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 21 04:23:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	40995	20.00	ng		0.00
21) Naphthalene-d8	8.70	136	167939	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	84446	20.00	ng		0.00
63) Phenanthrene-d10	12.71	188	166360	20.00	ng		0.00
75) Chrysene-d12	15.99	240	180564	20.00	ng		0.00
86) Perylene-d12	17.72	264	170053	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	134175	57.13	ng		0.00
7) Phenol-d6	6.70	99	108727	37.47	ng		0.00
23) Nitrobenzene-d5	7.82	82	250685	97.85	ng		0.00
41) 2,4,6-Tribromophenol	11.85	330	88642	109.71	ng		0.00
44) 2-Fluorobiphenyl	10.05	172	550408	95.79	ng		0.00
78) Terphenyl-d14	14.71	244	651077	88.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	4545	4.26	ng	#	100
9) Benzaldehyde	6.57	77	13054	10.98	ng		96
15) Benzyl Alcohol	7.31	79	6108	2.70	ng	#	50
19) n-Nitroso-di-n-propylamine	7.82	70	31452	15.67	ng	#	76
27) 2,4-Dimethylphenol	8.41	122	21717	8.82	ng	#	6
32) Benzoic acid	8.41	122	21717	17.89	ng		92
50) 2,6-Dinitrotoluene	10.87	165	10448	8.05	ng	#	24
56) 2,4-Dinitrotoluene	10.87	165	10445	6.17	ng	#	11

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
Data File : BF077884.D
Acq On : 21 Mar 2015 2:09
Operator : TP/IZ
Sample : G1575-02
Misc : W
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Time: Mar 21 03:34:58 2015
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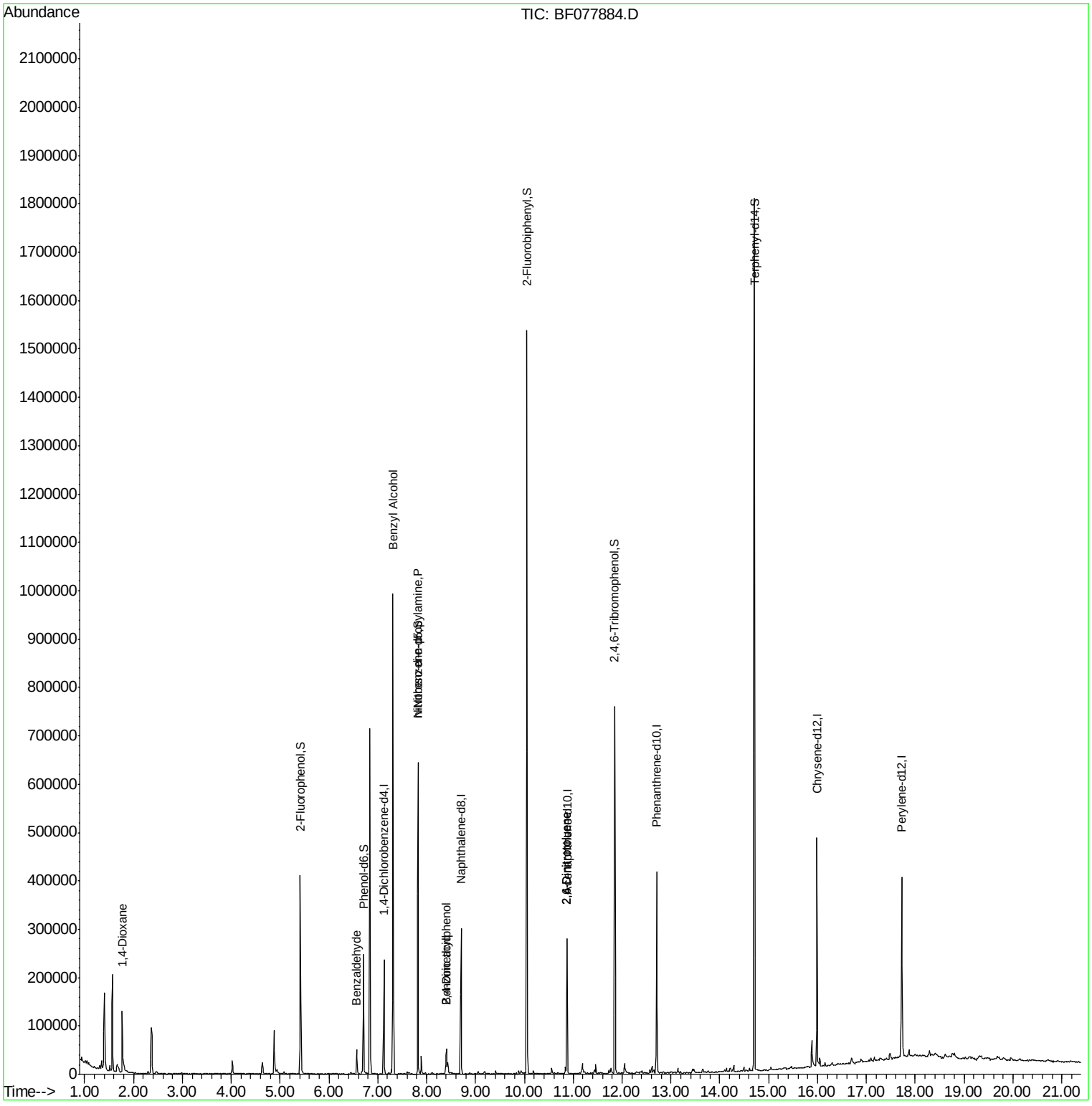
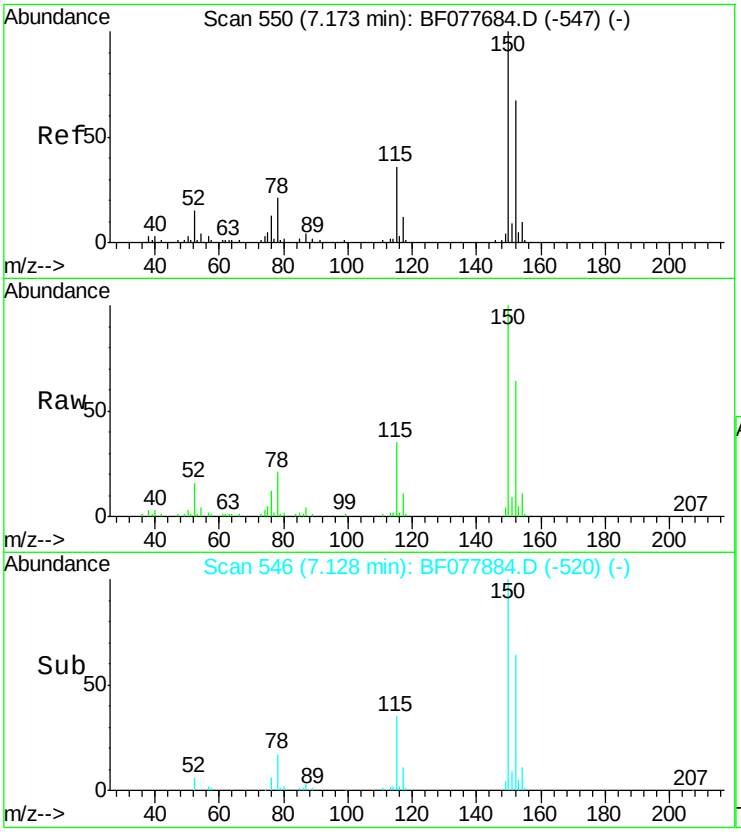
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 21 04:23:04 2015
Response via : Initial Calibration



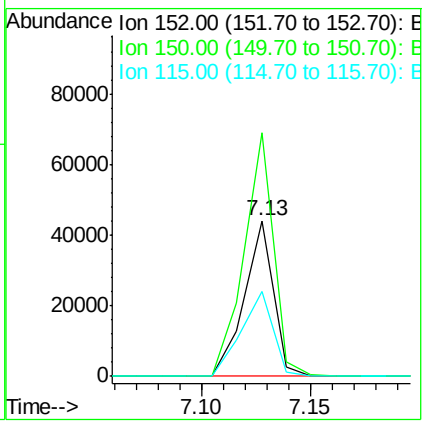


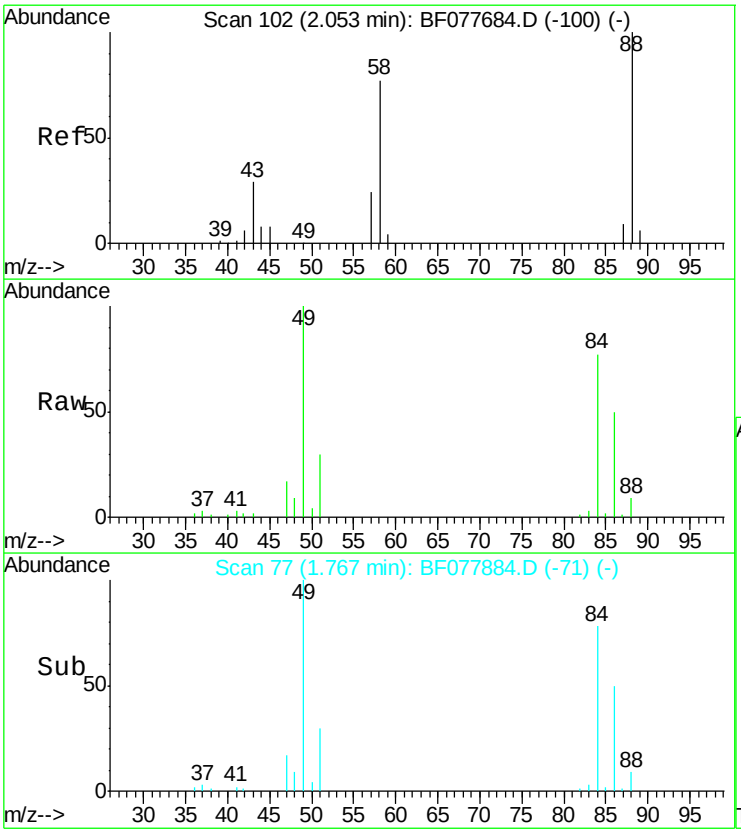
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 40995

Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.5	179.3
115	54.6	43.0	64.4

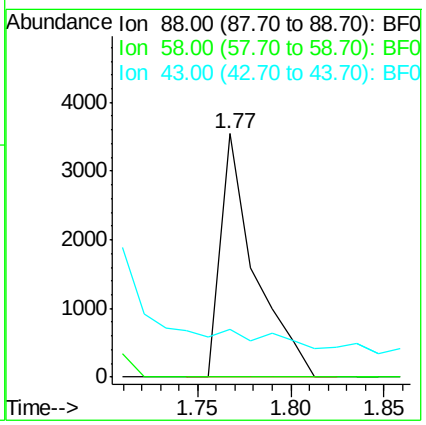


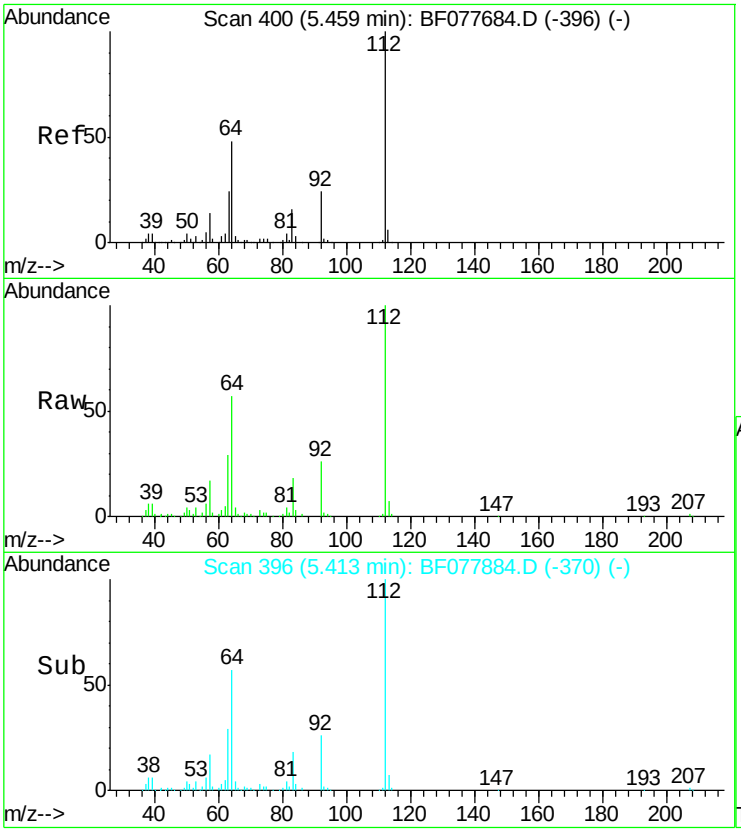


#2
1,4-Dioxane
Concen: 4.26 ng
RT: 1.77 min Scan# 77
Delta R.T. -0.23 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Tgt Ion: 88 Resp: 4545

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0



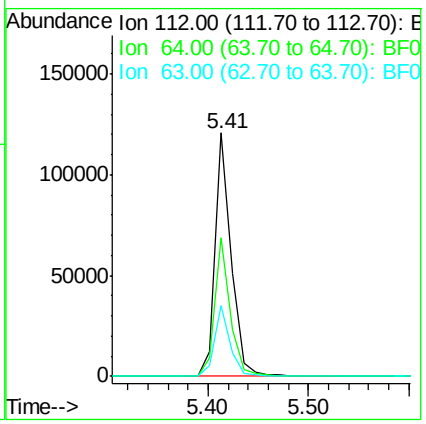


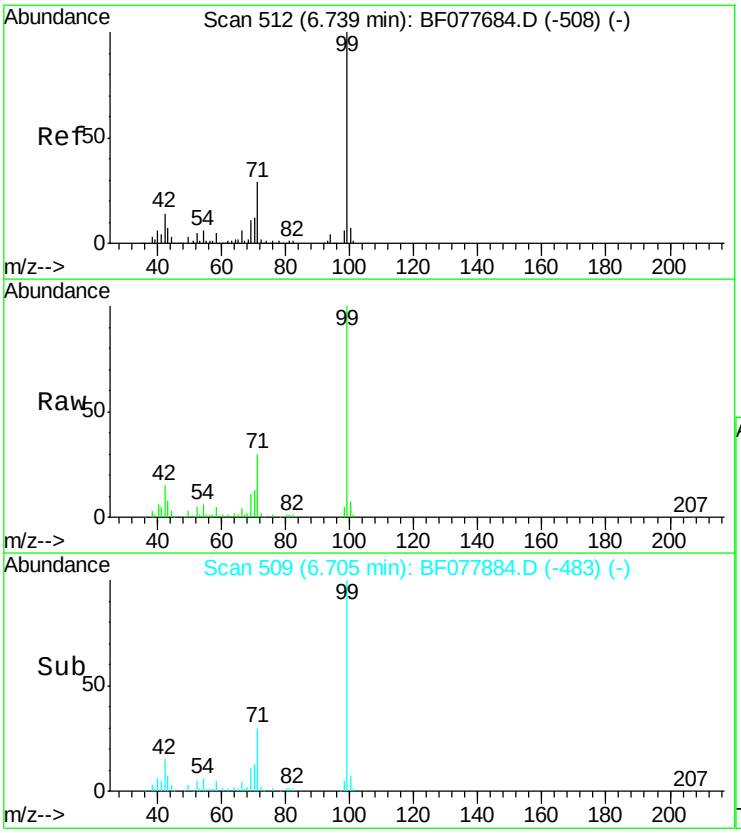
#5
2-Fluorophenol
Concen: 57.13 ng
RT: 5.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:112 Resp: 134175

Ion	Ratio	Lower	Upper
112	100		
64	57.1	38.6	57.8
63	29.3	19.3	28.9#

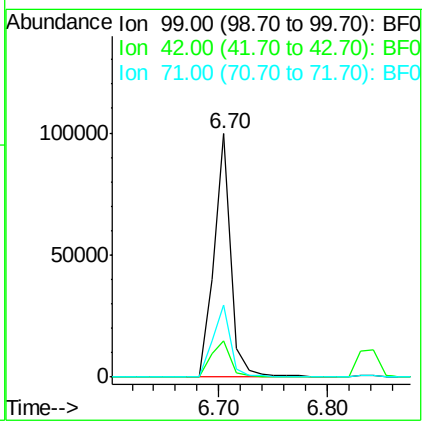


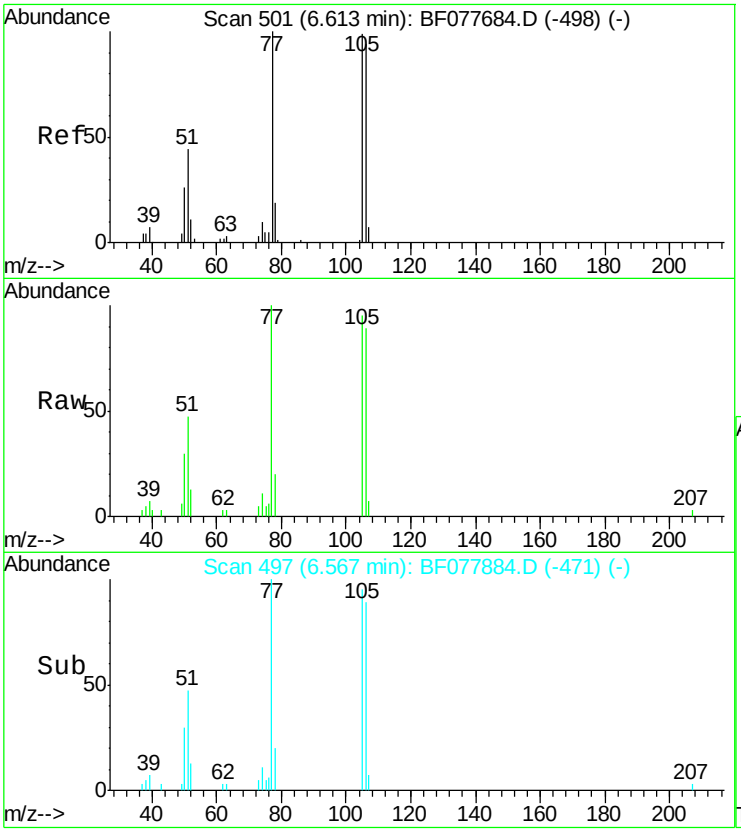


#7
Phenol-d6
Concen: 37.47 ng
RT: 6.70 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Tgt Ion: 99 Resp: 108727

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.0	16.4
71	29.8	23.4	35.2



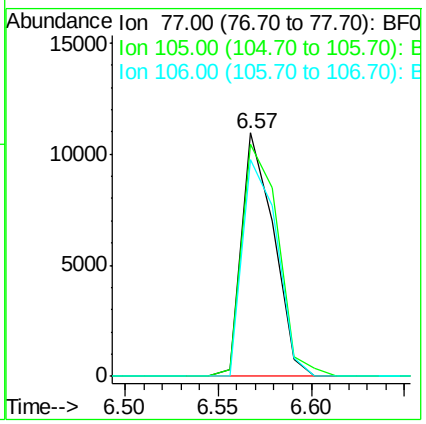


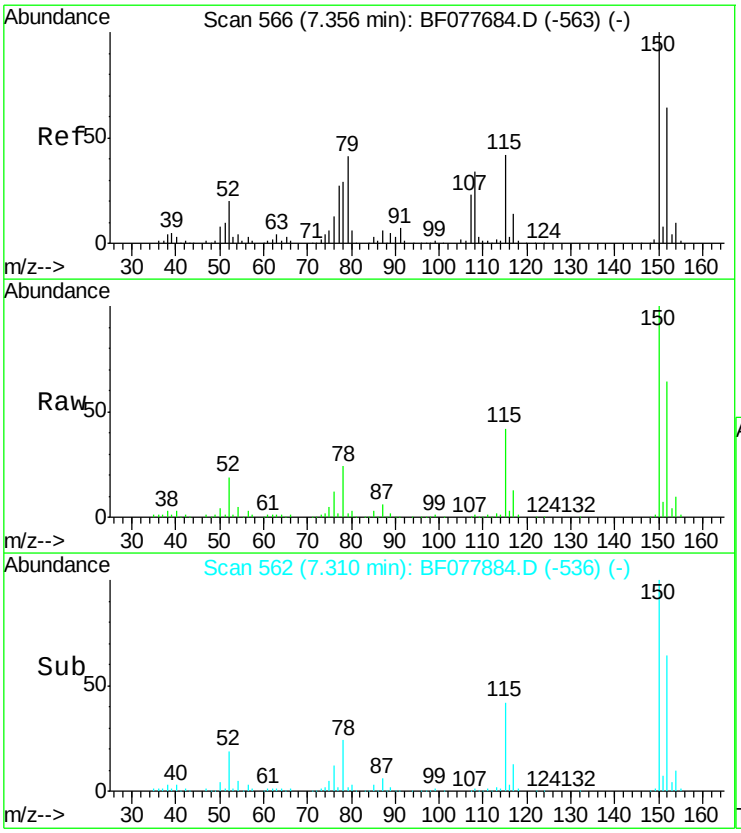
#9
Benzaldehyde
Concen: 10.98 ng
RT: 6.57 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 77 Resp: 13054

Ion	Ratio	Lower	Upper
77	100		
105	95.2	78.8	118.8
106	89.1	73.7	113.7

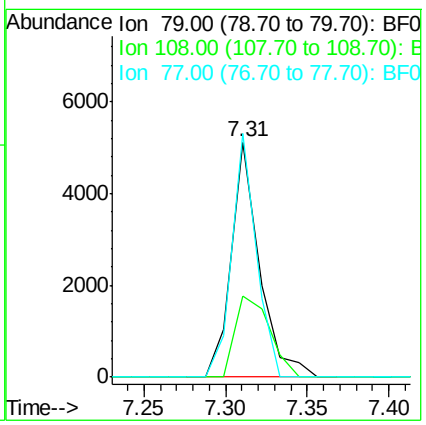


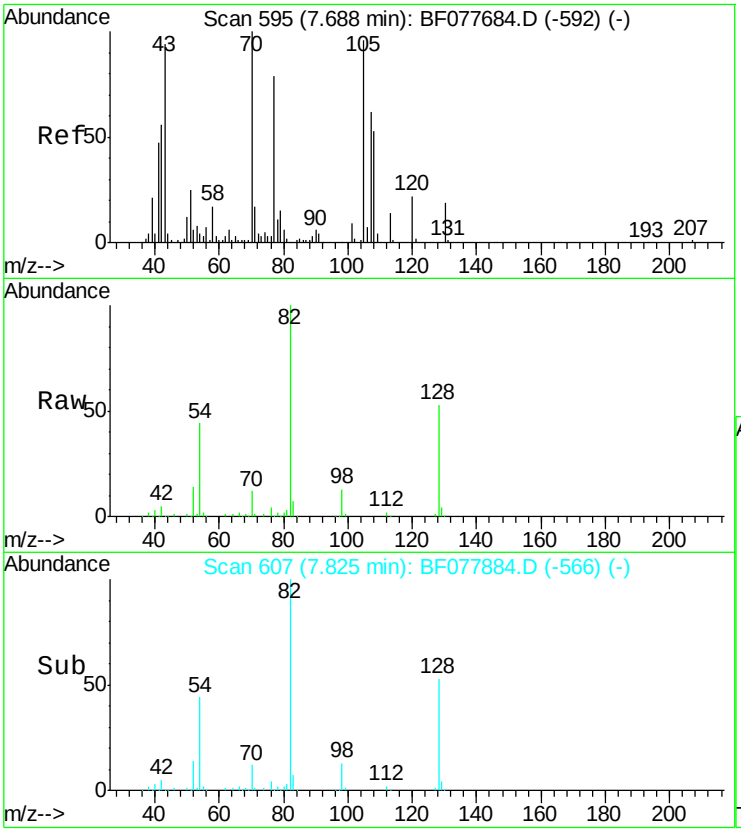


#15
Benzyl Alcohol
Concen: 2.70 ng
RT: 7.31 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Tgt Ion: 79 Resp: 6108

Ion	Ratio	Lower	Upper
79	100		
108	34.6	65.0	97.4#
77	103.5	53.0	79.6#



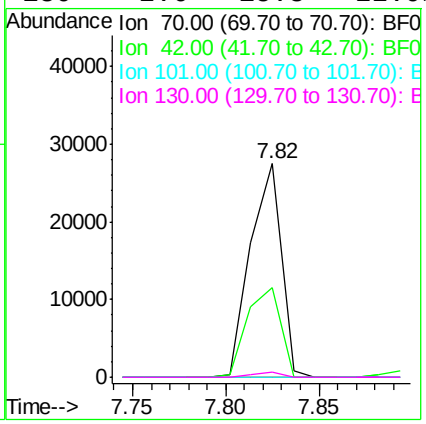


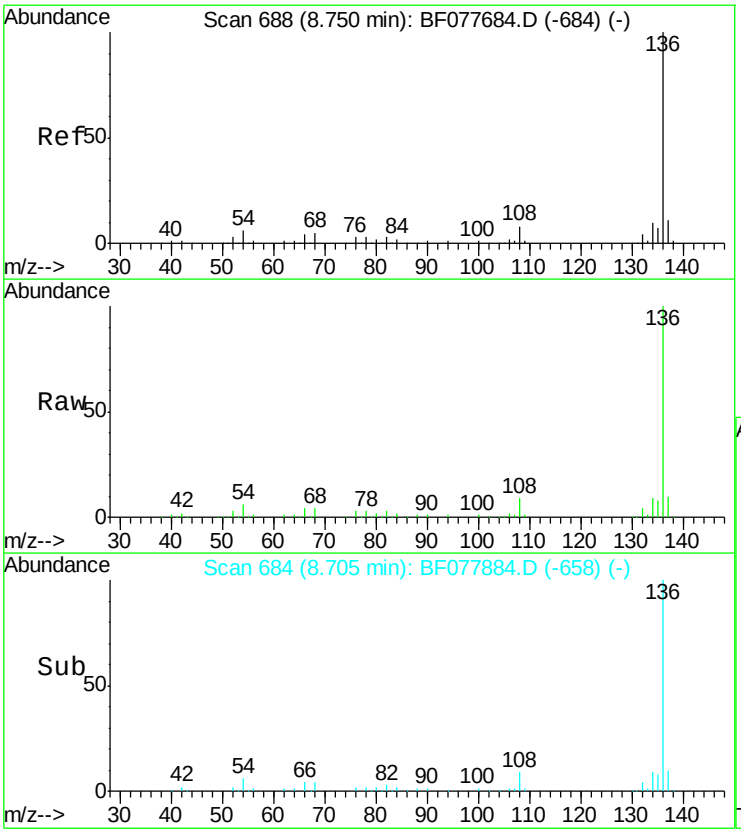
#19
n-Nitroso-di-n-propylamine
Concen: 15.67 ng
RT: 7.82 min Scan# 607
Delta R.T. 0.17 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 70 Resp: 31452

Ion	Ratio	Lower	Upper
70	100		
42	42.0	44.5	66.7#
101	0.0	7.4	11.2#
130	2.6	15.3	22.9#

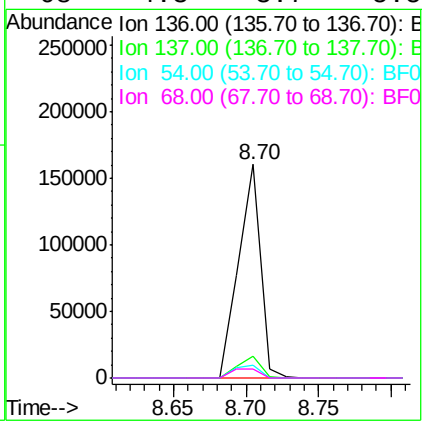


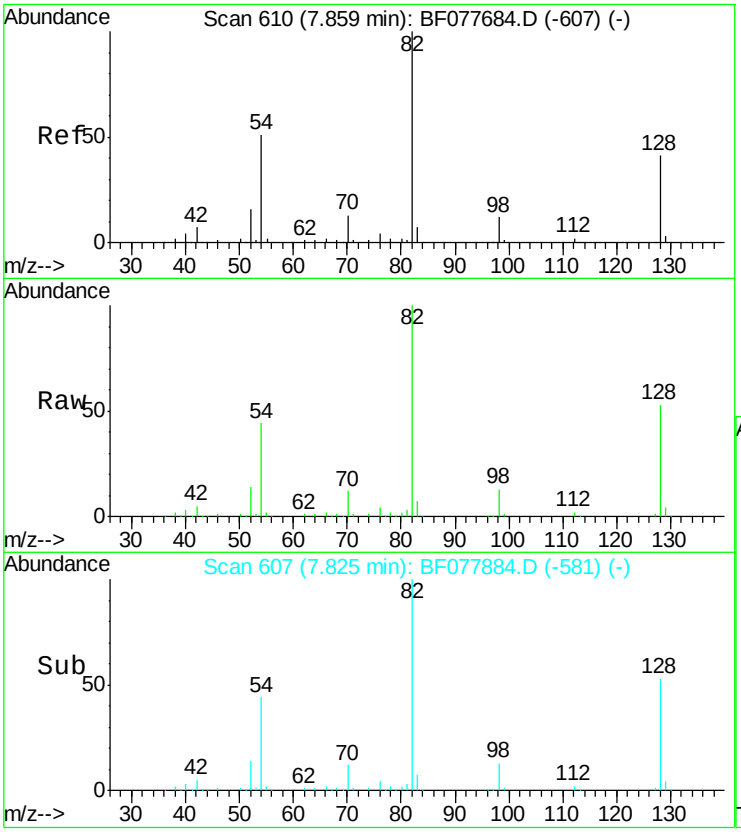


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Tgt Ion:136 Resp: 167939

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	5.8	4.6	6.8
68	4.3	3.7	5.5



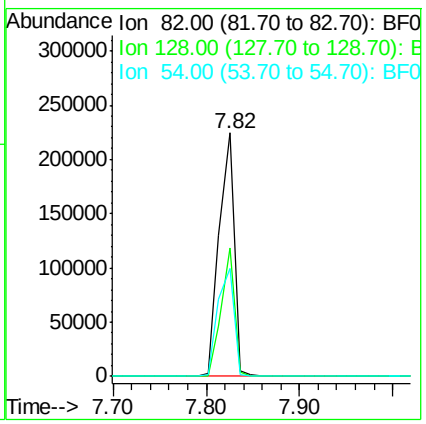


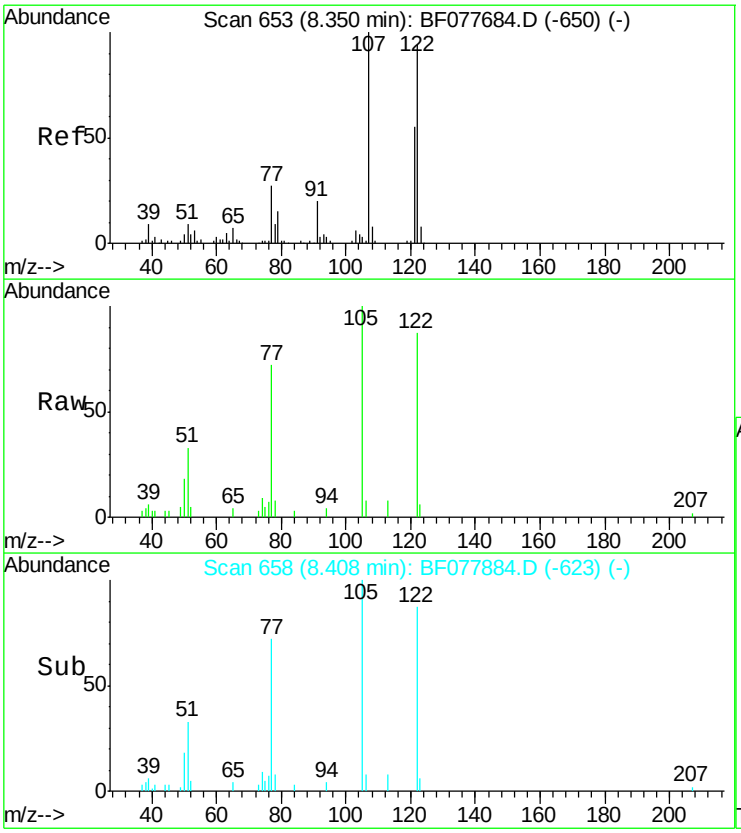
#23
Nitrobenzene-d5
Concen: 97.85 ng
RT: 7.82 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 82 Resp: 250685

Ion	Ratio	Lower	Upper
82	100		
128	52.6	32.8	49.2#
54	44.3	40.6	60.8

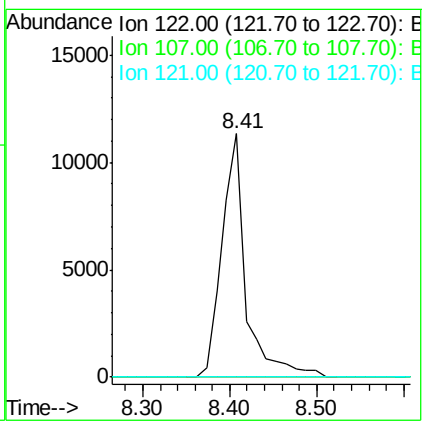


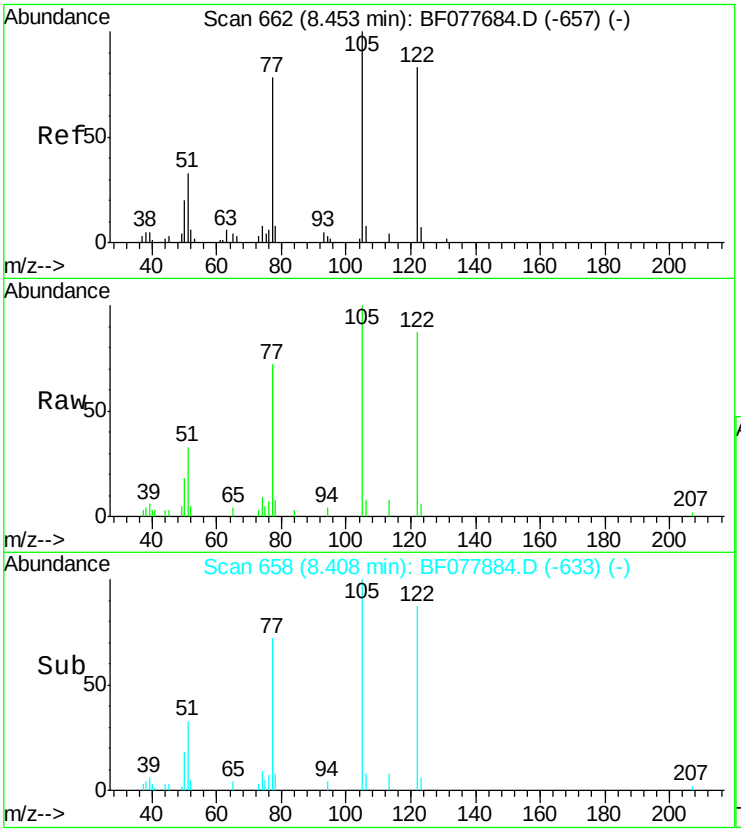


#27
2,4-Dimethylphenol
Concen: 8.82 ng
RT: 8.41 min Scan# 658
Delta R.T. 0.10 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Tgt Ion:122 Resp: 21717

Ion	Ratio	Lower	Upper
122	100		
107	0.0	84.7	127.1#
121	0.0	46.6	69.8#



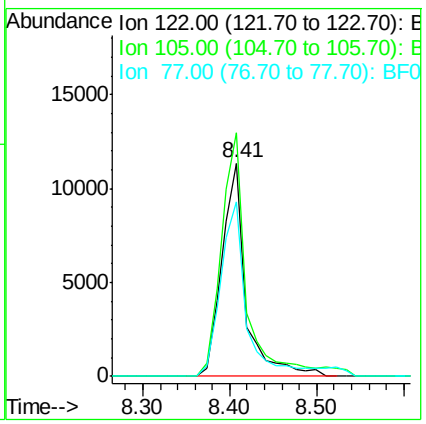


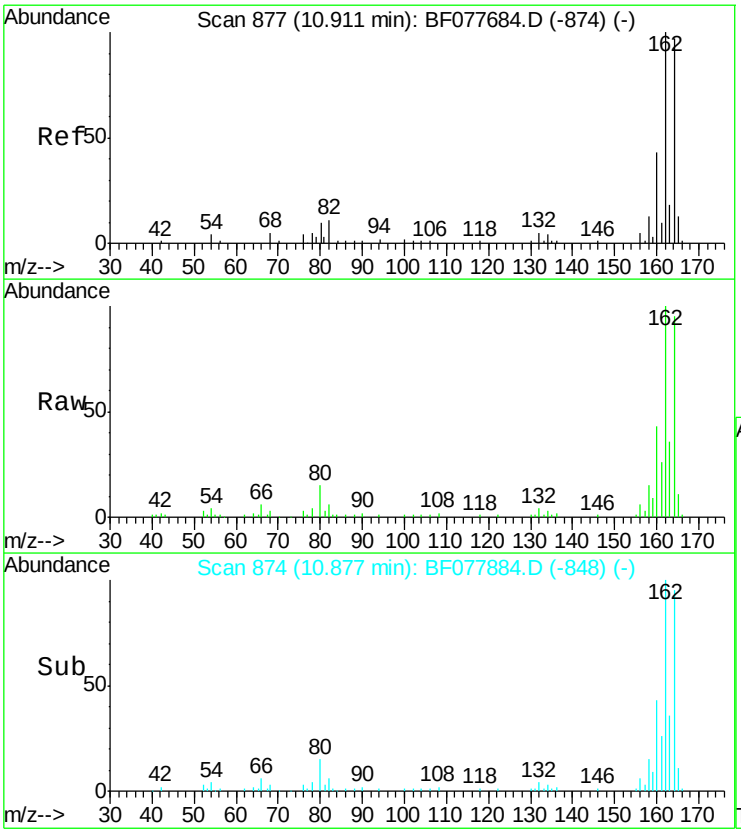
#32
Benzoic acid
Concen: 17.89 ng
RT: 8.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:122 Resp: 21717

Ion	Ratio	Lower	Upper
122	100		
105	114.3	99.9	139.9
77	82.1	73.7	113.7

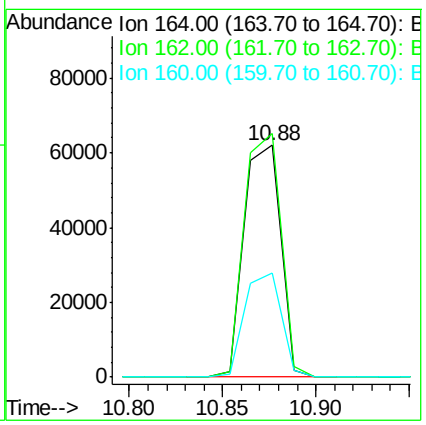


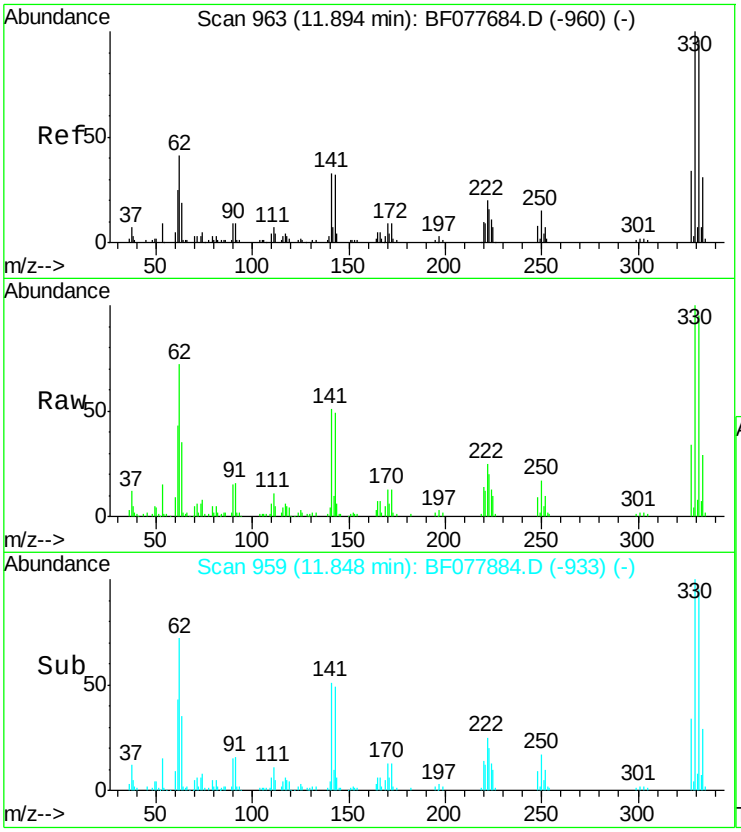


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Tgt Ion:164 Resp: 84446

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.4	123.6
160	44.6	35.8	53.6



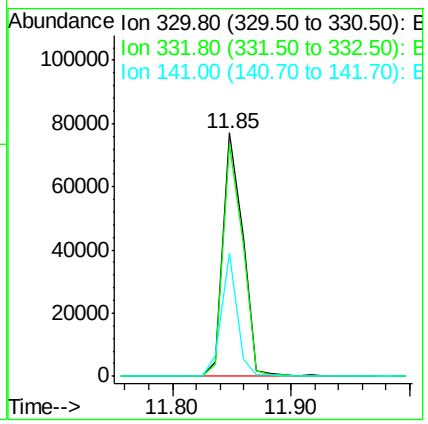


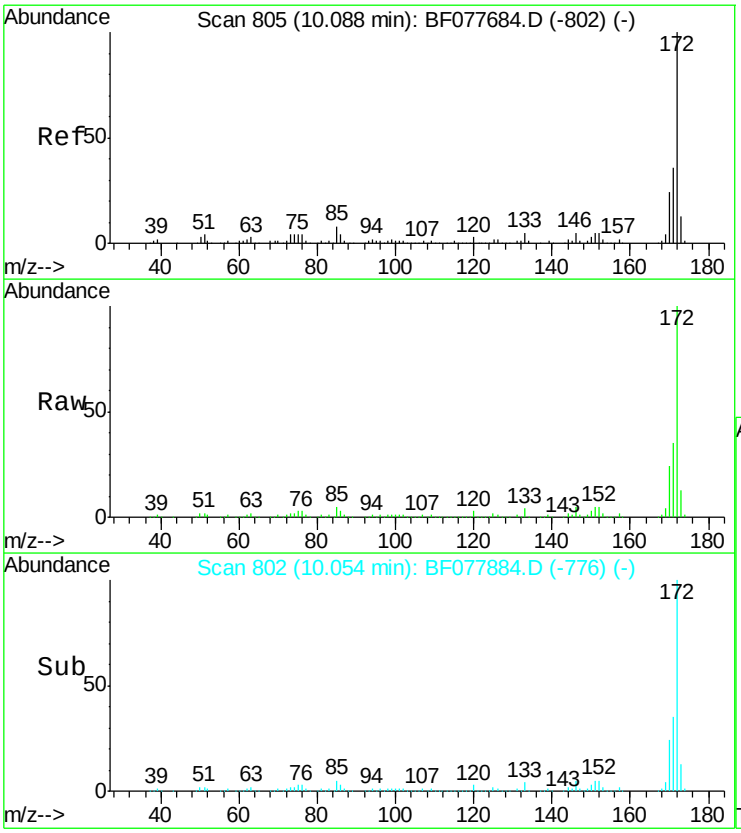
#41
2,4,6-Tribromophenol
Concen: 109.71 ng
RT: 11.85 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:330 Resp: 88642

Ion	Ratio	Lower	Upper
330	100		
332	93.8	0.0	0.0#
141	40.2	0.0	0.0#

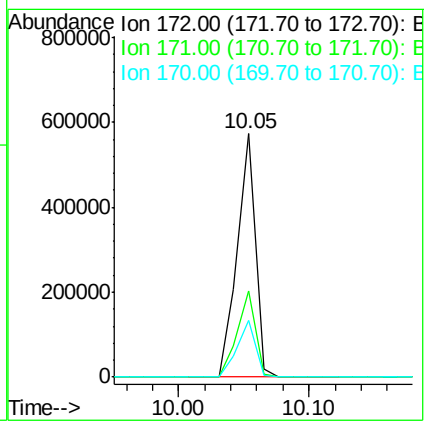


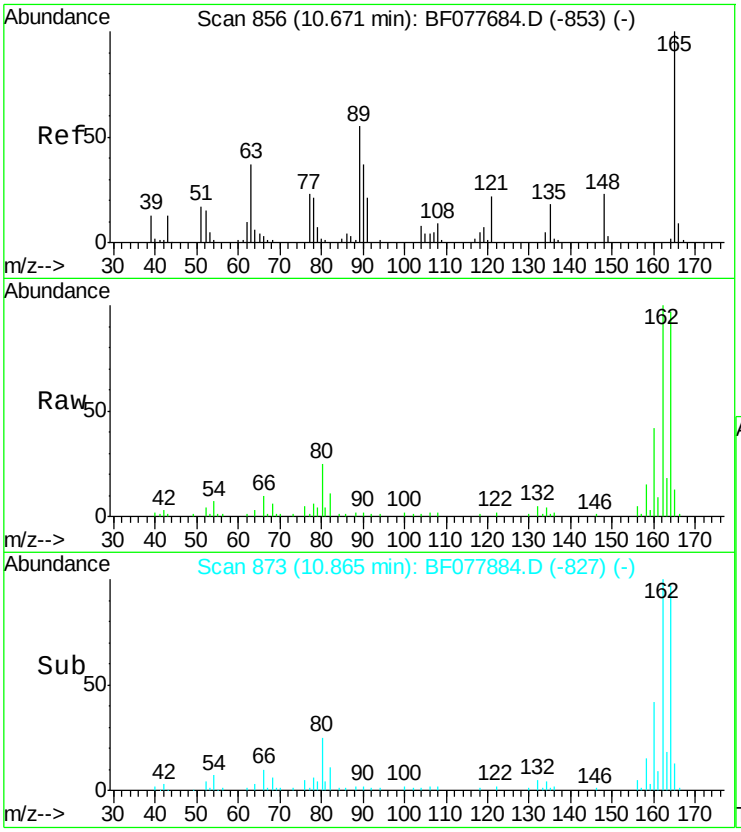


#44
2-Fluorobiphenyl
Concen: 95.79 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Tgt Ion:172 Resp: 550408

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.5	18.8	28.2



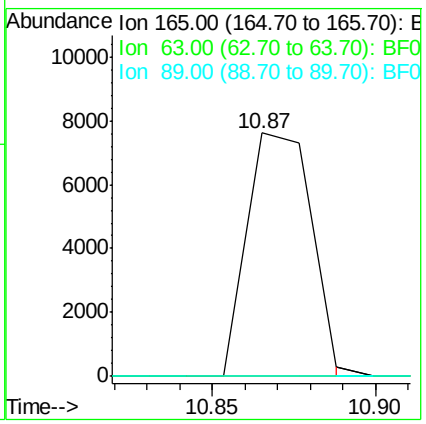


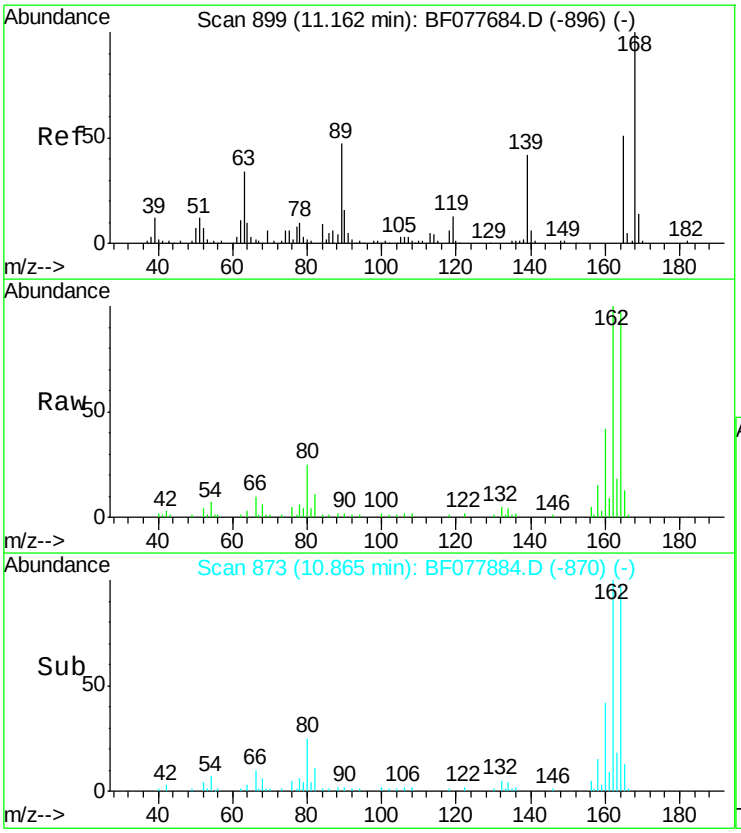
#50
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.23 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:165 Resp: 10448

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#

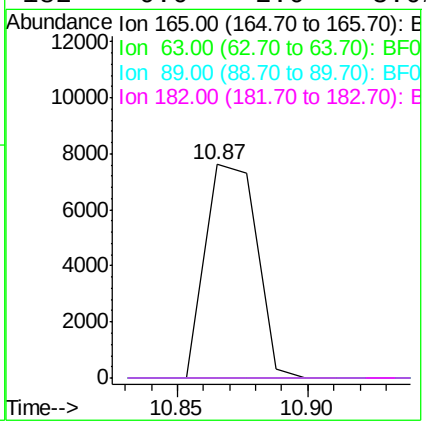


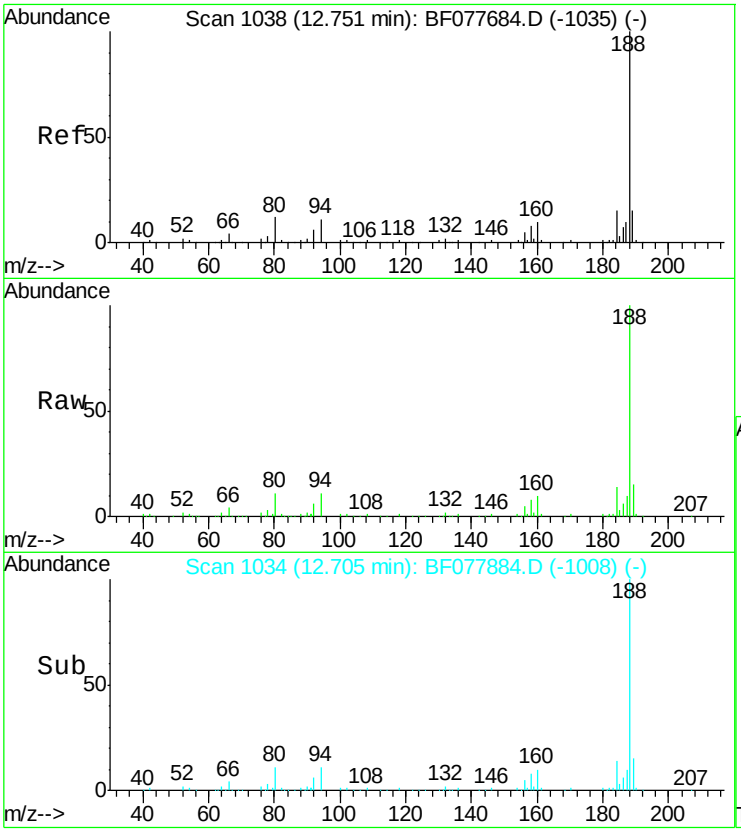


#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 10.87 min Scan# 873
Delta R.T. -0.26 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Tgt Ion:165 Resp: 10445

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#



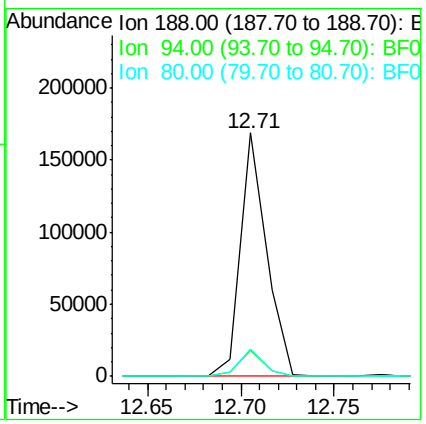


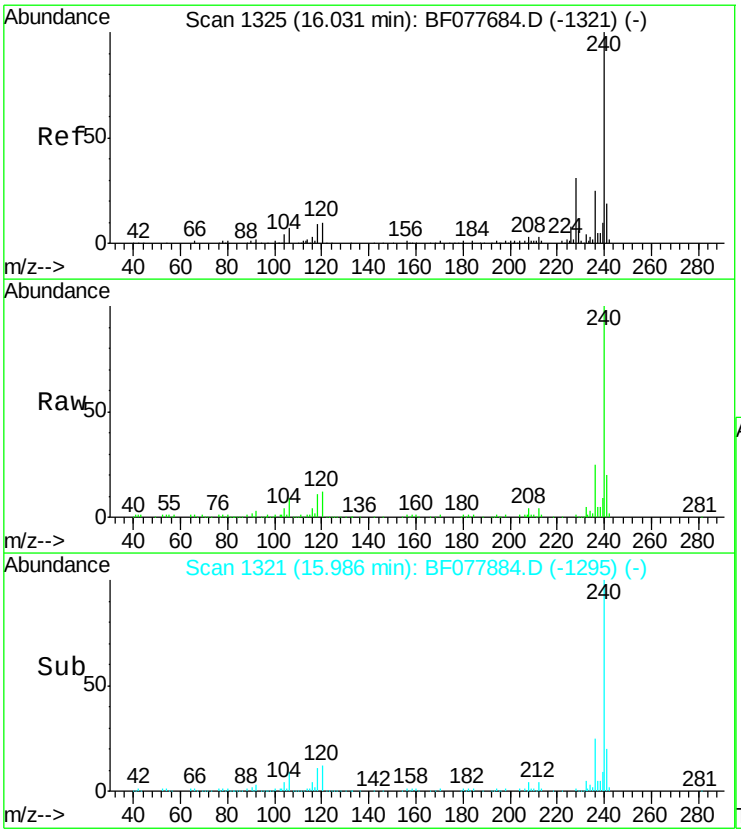
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:188 Resp: 166360

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.7	13.1
80	11.0	9.3	13.9

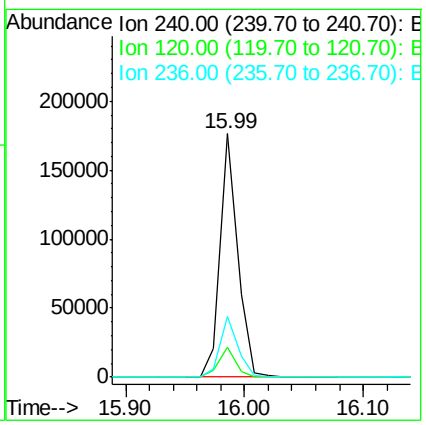


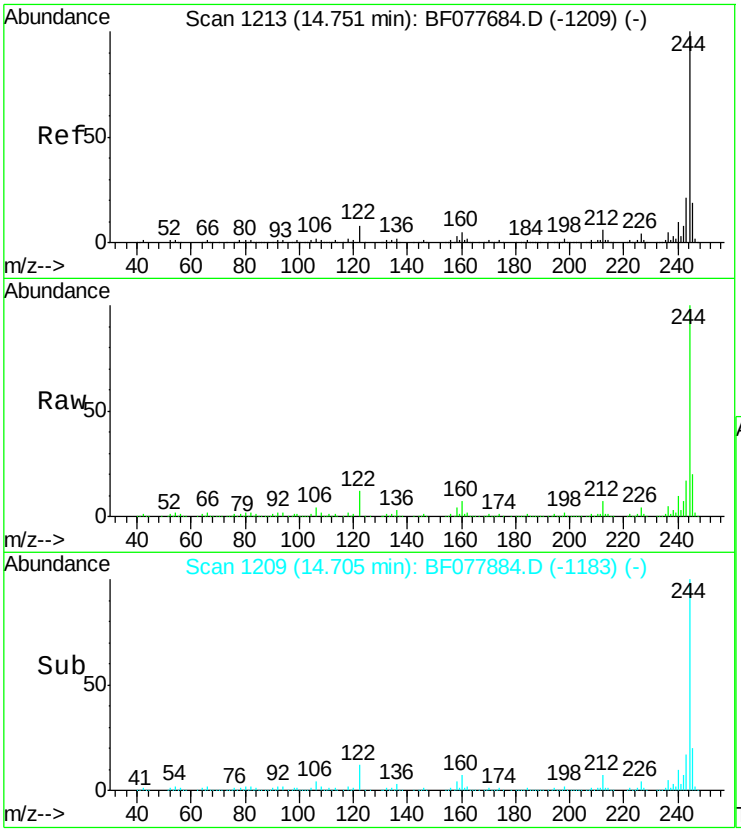


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Tgt Ion:240 Resp: 180564

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.2	12.2
236	24.9	20.0	30.0



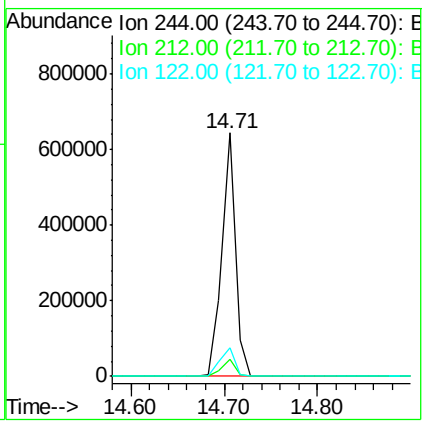


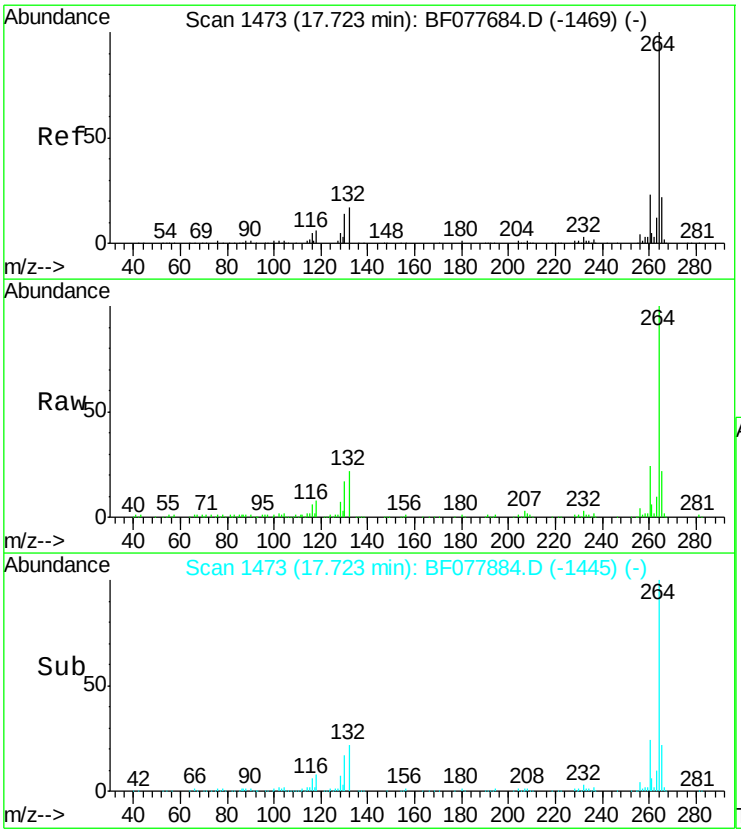
#78
Terphenyl-d14
Concen: 88.08 ng
RT: 14.71 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:244 Resp: 651077

Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	11.7	6.2	9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.72 min Scan# 1473
Delta R.T. 0.02 min
Lab File: BF077884.D
Acq: 21 Mar 2015 2:09

Tgt Ion:264 Resp: 170053

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.6	17.3	25.9