Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081496.D
Acq On : 6 Sep 2015 7:40
Operator : UM/IZ
Sample : G3557-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4-090215

Quant Time: Sep 07 01:36:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57922	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	225110	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	94829	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	180821	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	127350	20.00	ng	-0.05
86) Perylene-d12	14.77	264	96425	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	198743	53.24	ng	-0.02
7) Phenol-d6	6.02	99	158256	32.03	ng	-0.03
23) Nitrobenzene-d5	6.94	82	403542	86.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	109055	129.16	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	653961	88.37	ng	-0.03
78) Terphenyl-d14	12.43	244	506472	92.58	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.12	77	10525	3.40	ng	# 61
19) n-Nitroso-di-n-propylamine	6.94	70	55553	16.52	ng	# 62
25) Isophorone	6.94	82	300623	34.64	ng	# 58
49) Dimethylphthalate	9.13	163	24525	3.33	ng	# 98
50) 2,6-Dinitrotoluene	9.38	165	12392	7.41	ng	# 39
56) 2,4-Dinitrotoluene	9.38	165	12392	5.82	ng	# 33
66) 4-Bromophenyl-phenylether	10.17	248	9022	4.93	ng	# 1

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

Quantitation Report (Not Reviewed)

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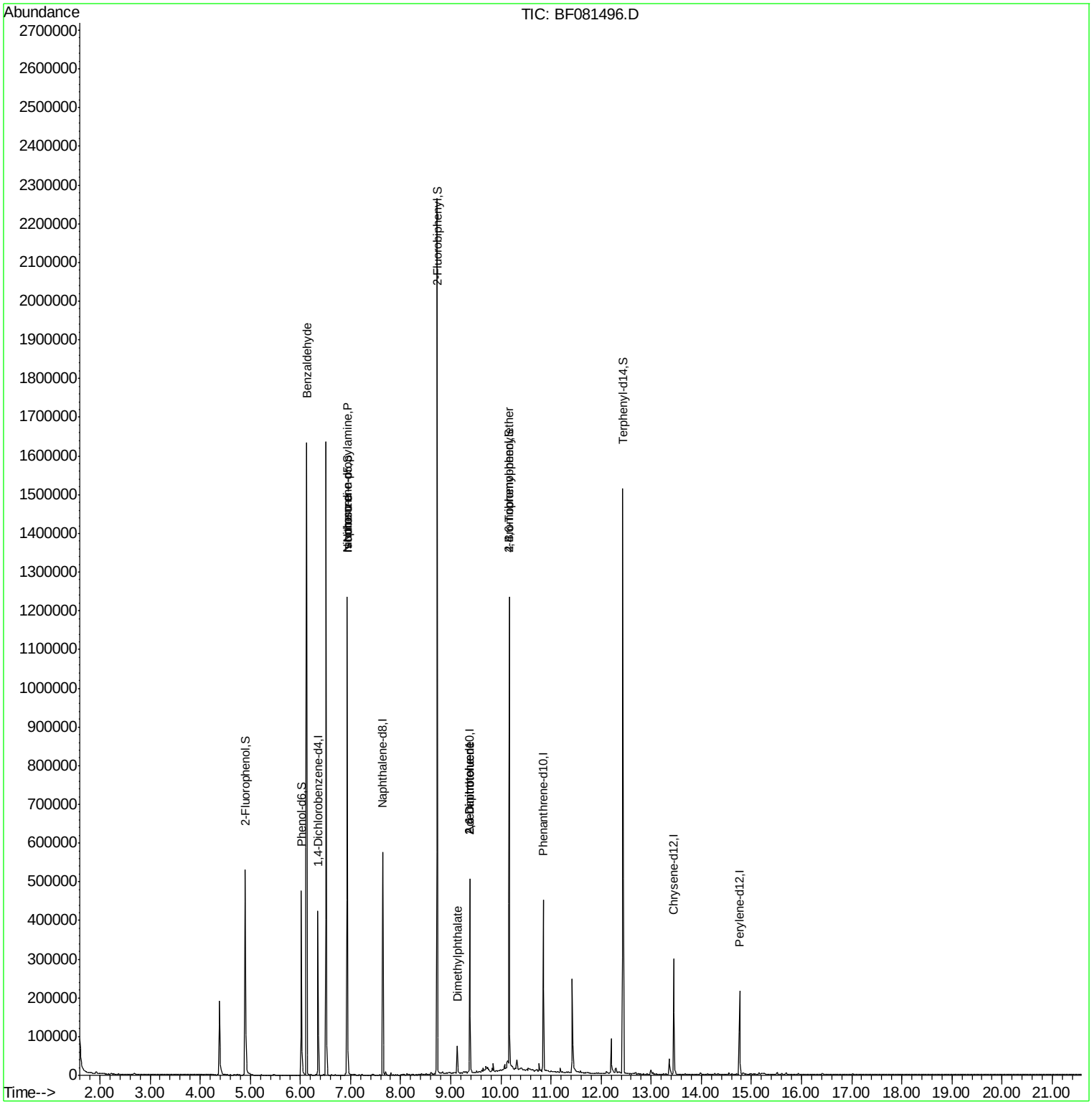
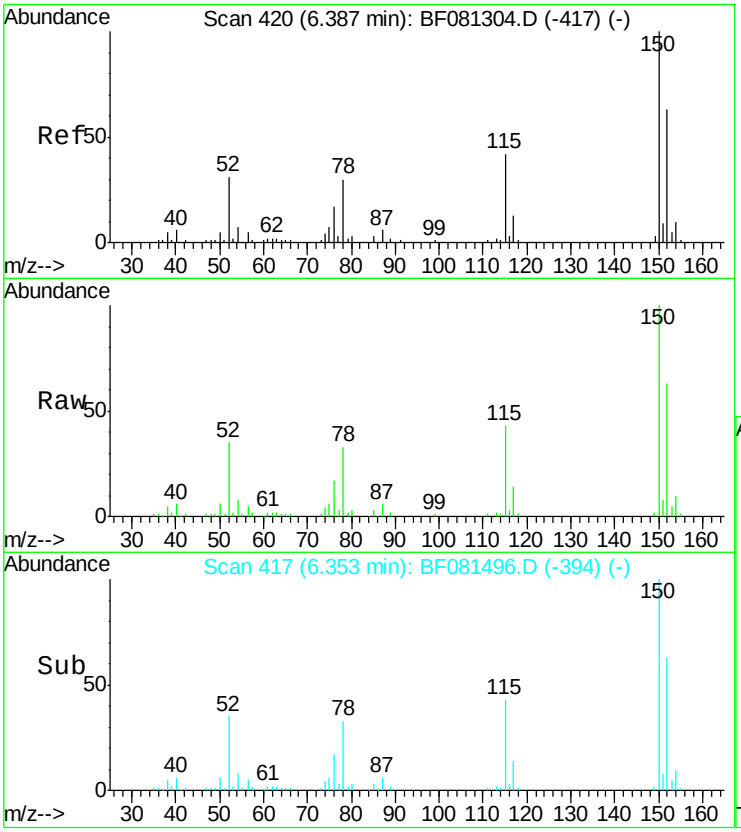


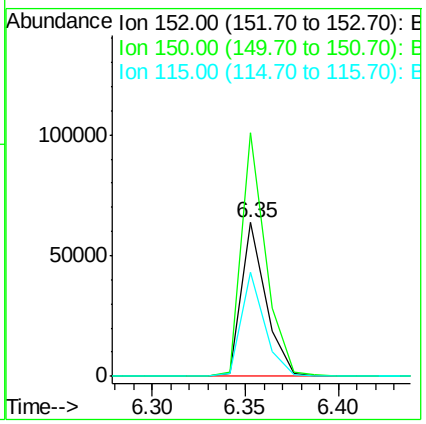


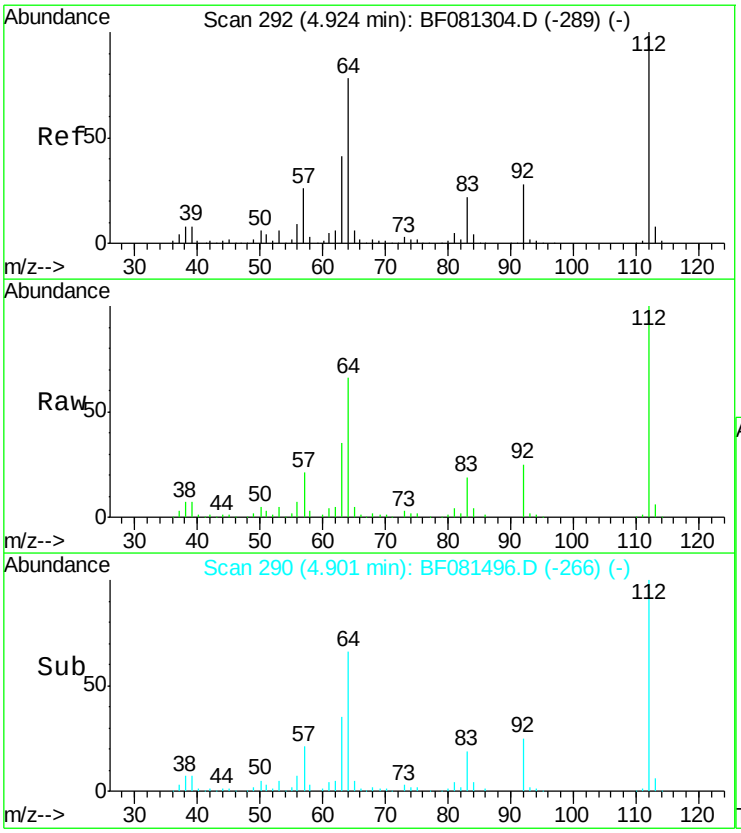
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-4-090215

Tgt Ion:152 Resp: 57922

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.7	187.1
115	67.4	39.0	58.4#

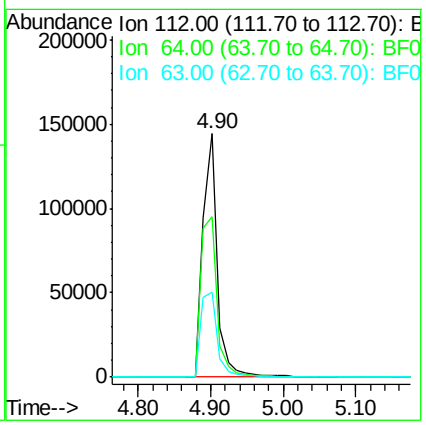


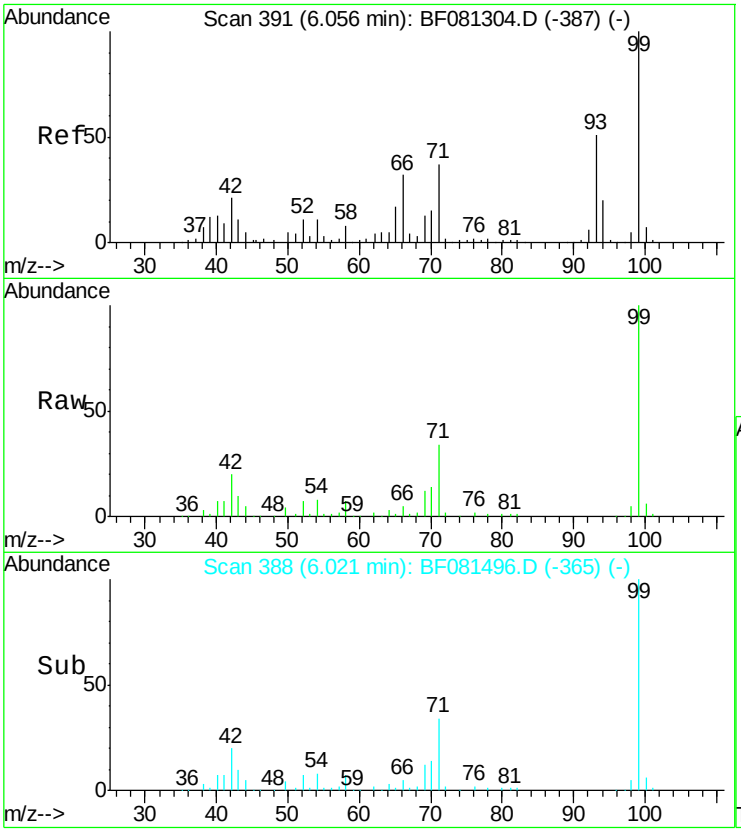


#5
2-Fluorophenol
Concen: 53.24 ng
RT: 4.90 min Scan# 290
Delta R.T. -0.02 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Tgt Ion:112 Resp: 198743

Ion	Ratio	Lower	Upper
112	100		
64	65.9	39.7	59.5#
63	35.0	17.4	26.0#



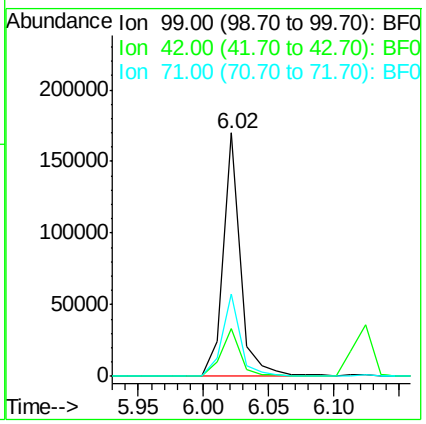


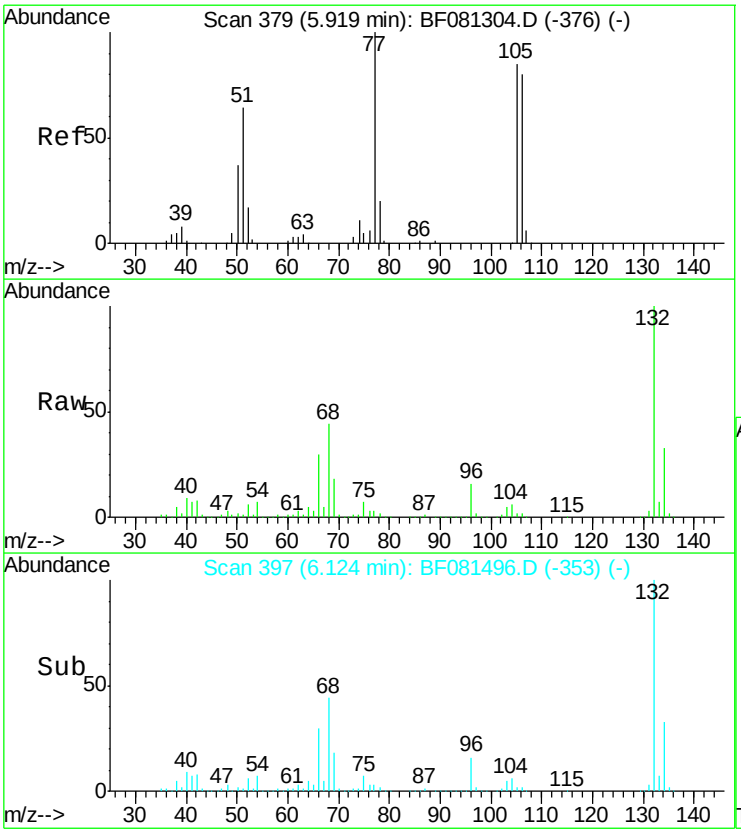
#7
Phenol-d6
Concen: 32.03 ng
RT: 6.02 min Scan# 388
Delta R.T. -0.03 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-4-090215

Tgt Ion: 99 Resp: 158256

Ion	Ratio	Lower	Upper
99	100		
42	19.7	13.7	20.5
71	33.8	14.2	21.2#

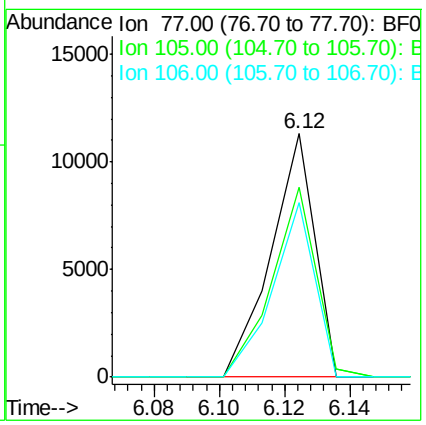


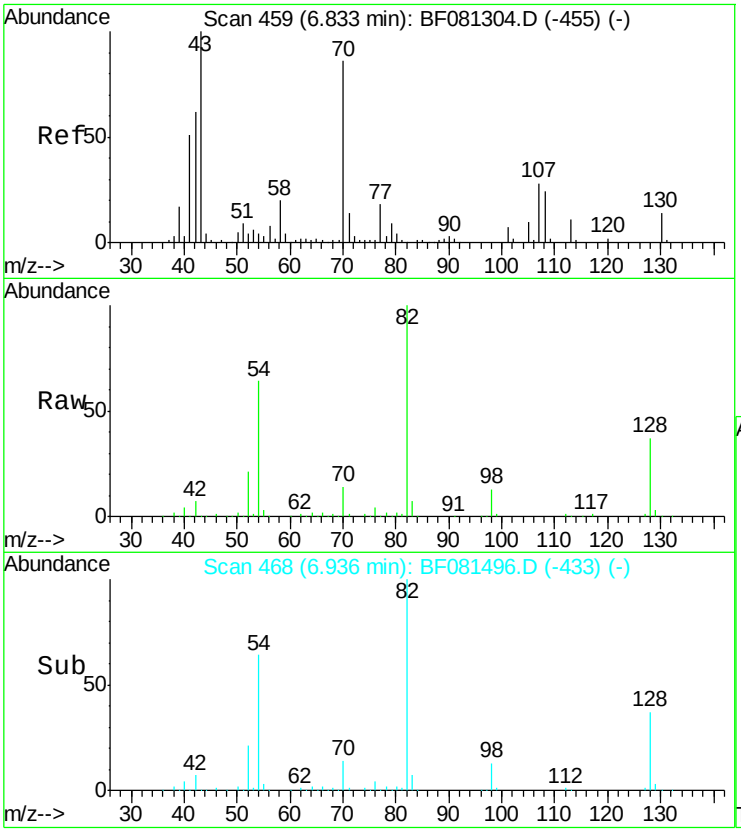


#9
Benzaldehyde
Concen: 3.40 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.21 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Tgt Ion: 77 Resp: 10525

Ion	Ratio	Lower	Upper
77	100		
105	78.1	91.6	131.6#
106	71.6	102.6	142.6#



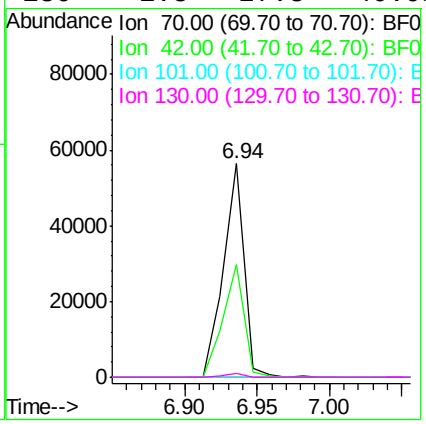


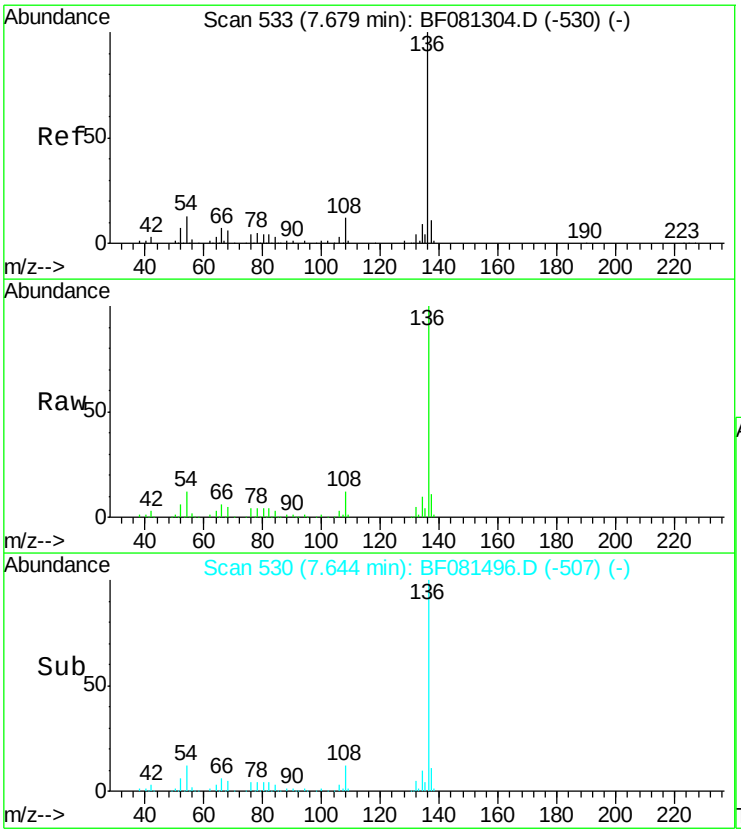
#19
n-Nitroso-di-n-propylamine
Concen: 16.52 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.10 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-4-090215

Tgt Ion: 70 Resp: 55553

Ion	Ratio	Lower	Upper
70	100		
42	52.5	63.8	95.6#
101	0.0	9.2	13.8#
130	1.8	27.3	40.9#

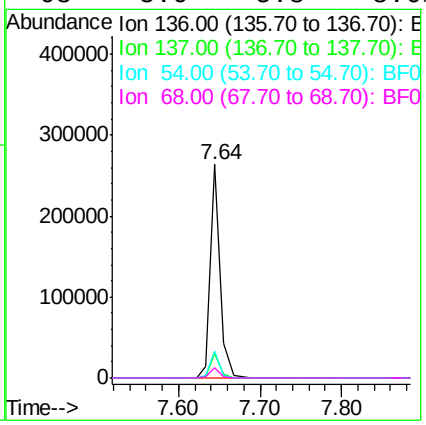


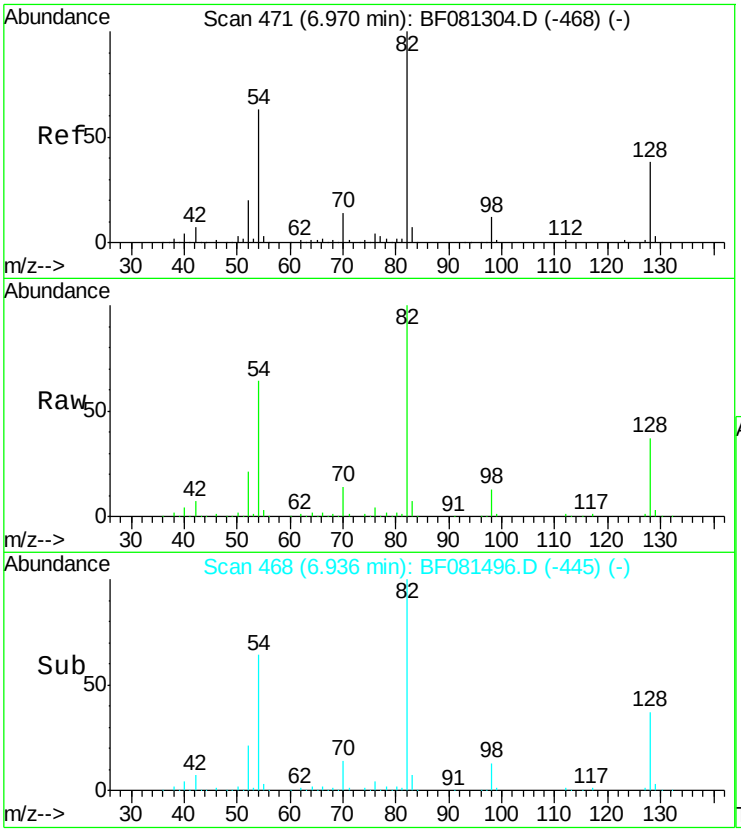


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Tgt Ion:136 Resp: 225110

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	12.4	8.2	12.2#
68	5.0	5.8	8.6#



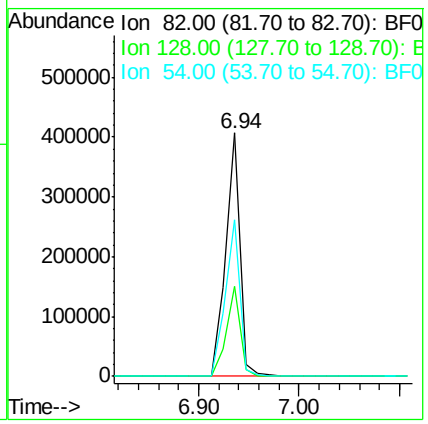


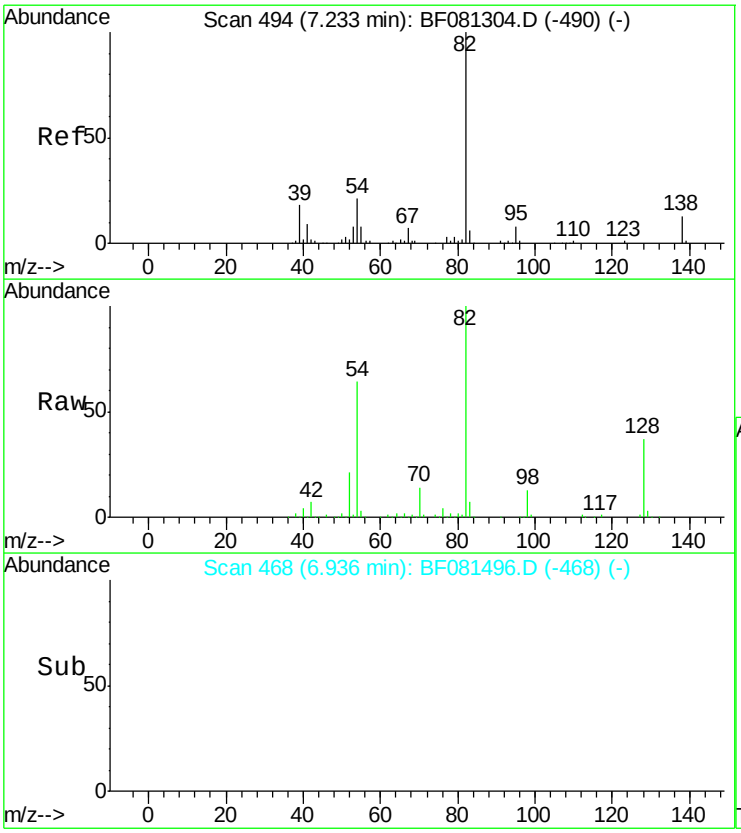
#23
Nitrobenzene-d5
Concen: 86.49 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-4-090215

Tgt Ion: 82 Resp: 403542

Ion	Ratio	Lower	Upper
82	100		
128	37.0	51.0	76.6#
54	64.4	47.5	71.3

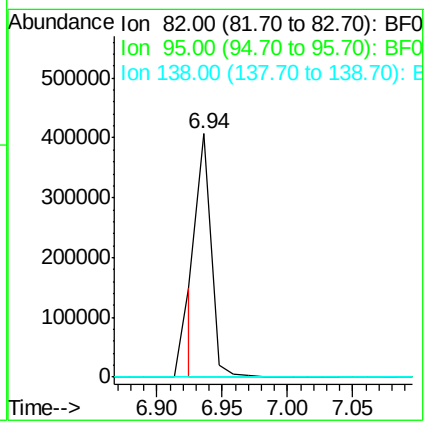


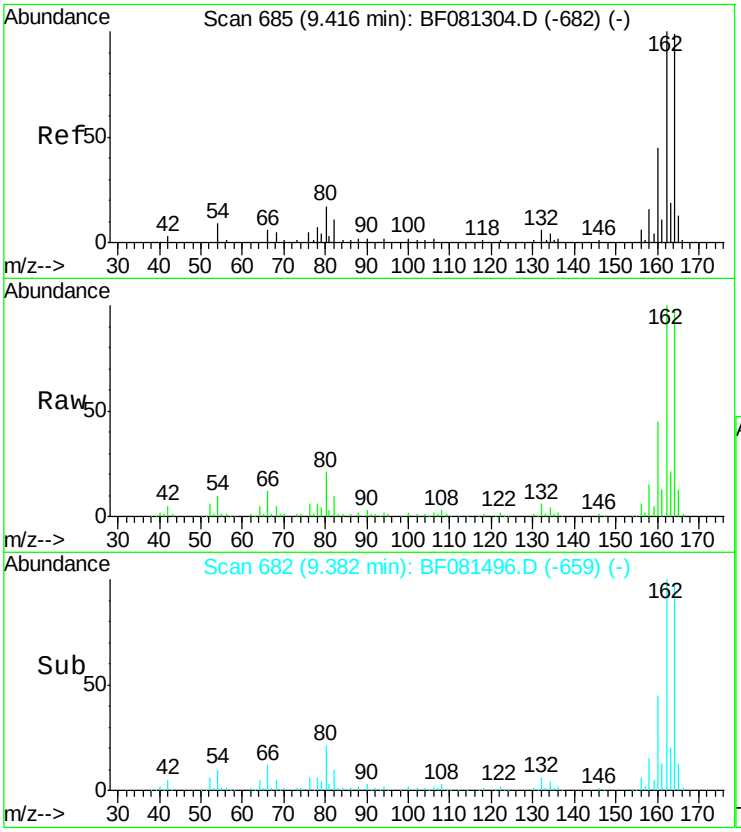


#25
Isophorone
Concen: 34.64 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.30 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Tgt Ion: 82 Resp: 300623

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#



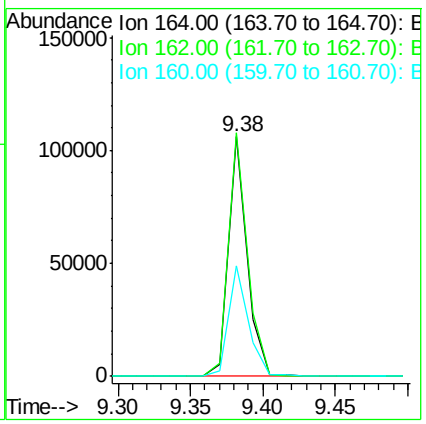


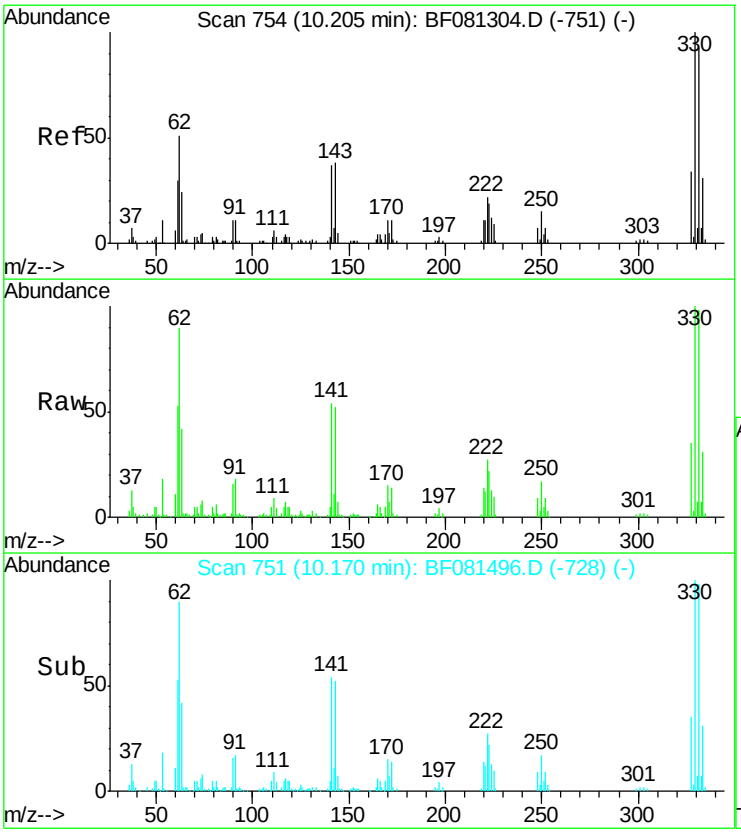
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-4-090215

Tgt Ion:164 Resp: 94829

Ion	Ratio	Lower	Upper
164	100		
162	101.7	75.2	112.8
160	46.0	31.5	47.3

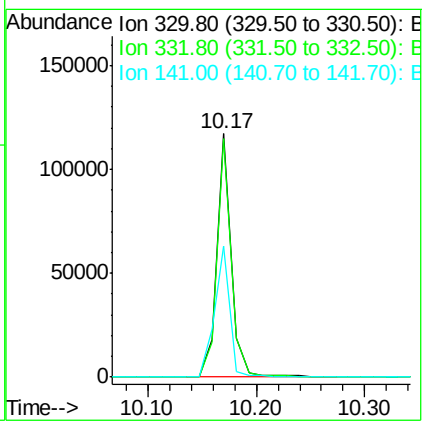


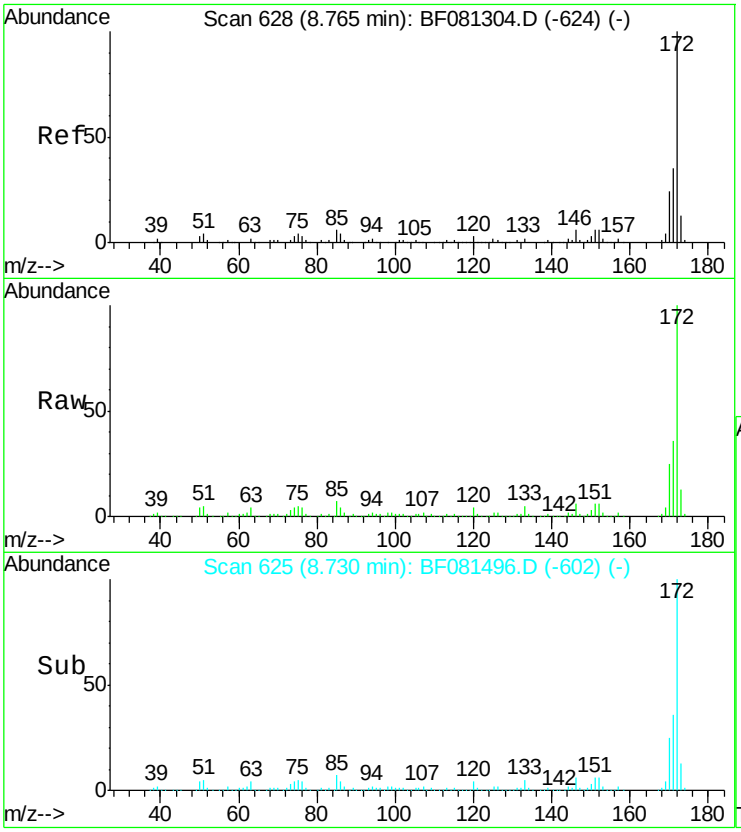


#41
2,4,6-Tribromophenol
Concen: 129.16 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Tgt Ion:330 Resp: 109055

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	57.5	29.7	44.5#



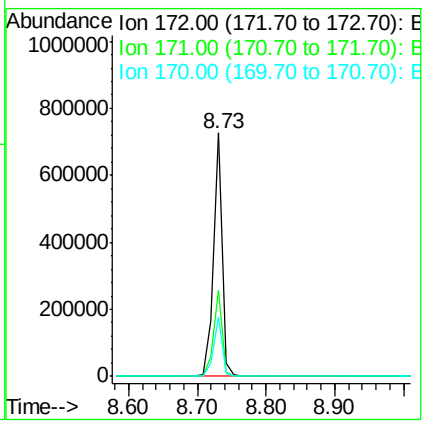


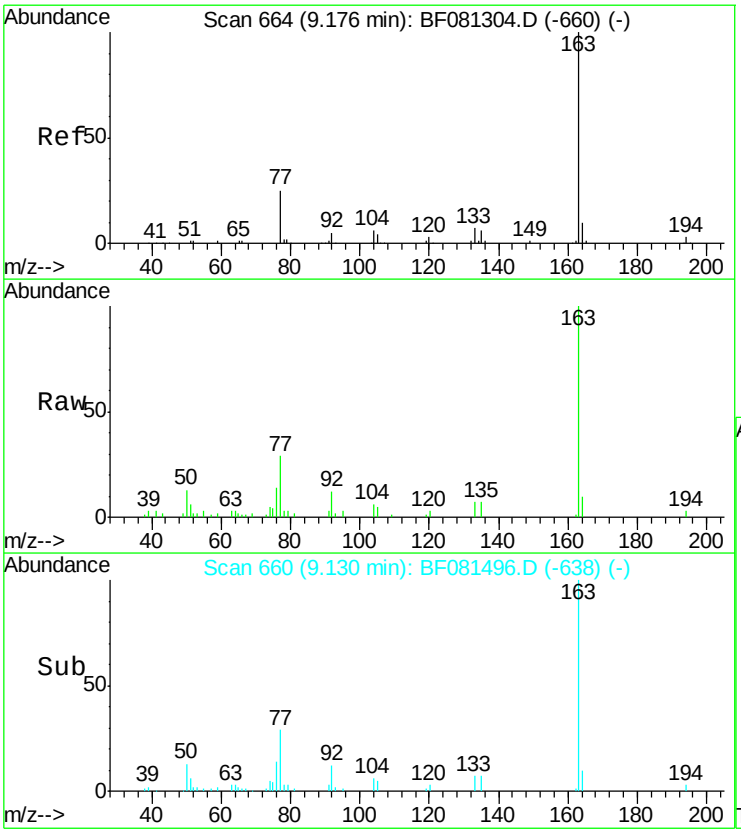
#44
2-Fluorobiphenyl
Concen: 88.37 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-4-090215

Tgt Ion:172 Resp: 653961

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	24.6	17.4	26.2

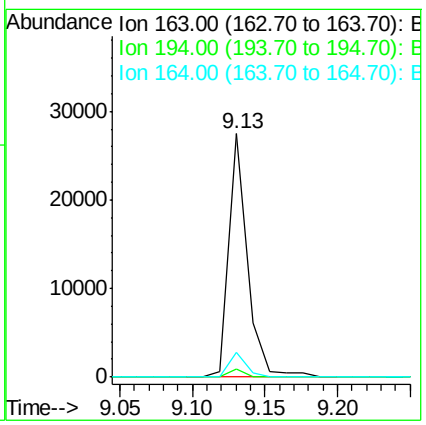


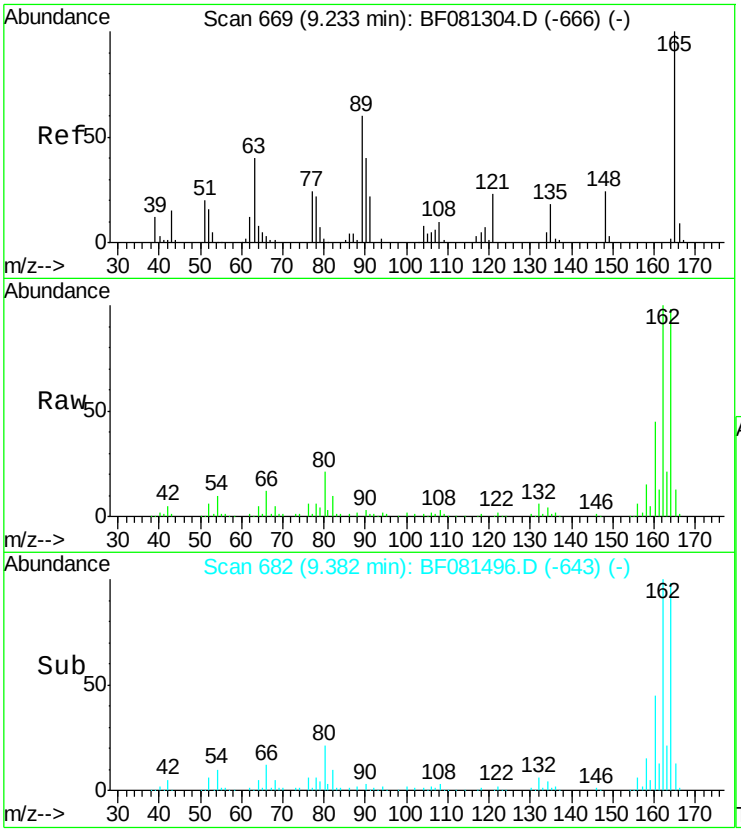


#49
Dimethylphthalate
Concen: 3.33 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Tgt Ion:163 Resp: 24525

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	10.4	8.3	12.5



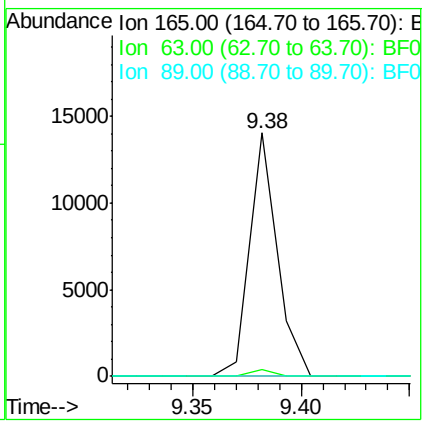


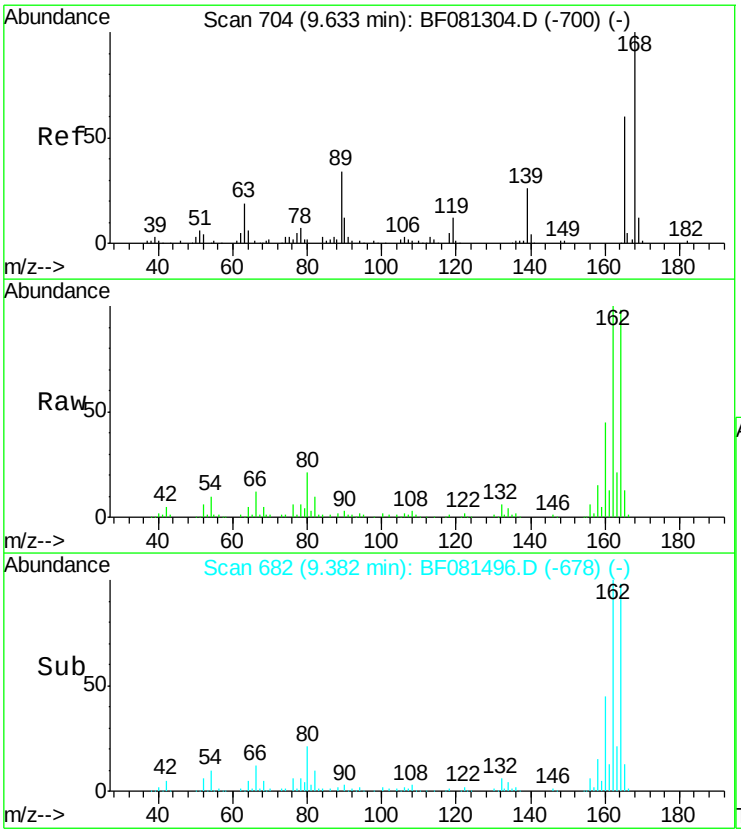
#50
2,6-Dinitrotoluene
Concen: 7.41 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.15 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-4-090215

Tgt Ion:165 Resp: 12392

Ion	Ratio	Lower	Upper
165	100		
63	2.6	32.3	48.5#
89	0.0	28.6	43.0#

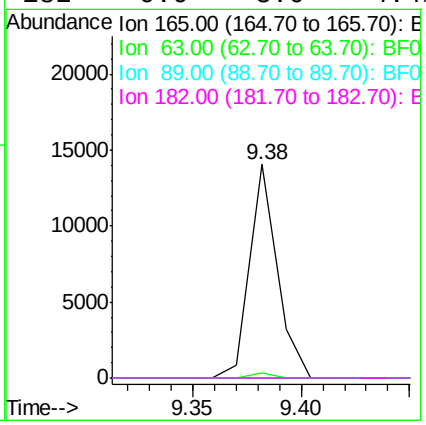


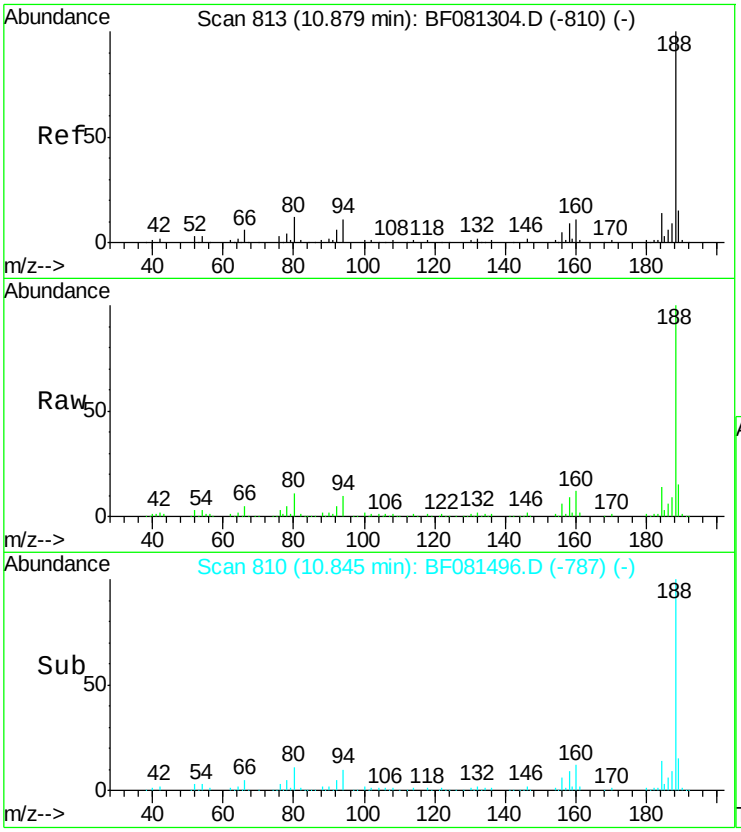


#56
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Tgt Ion:165 Resp: 12392

Ion	Ratio	Lower	Upper
165	100		
63	2.6	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



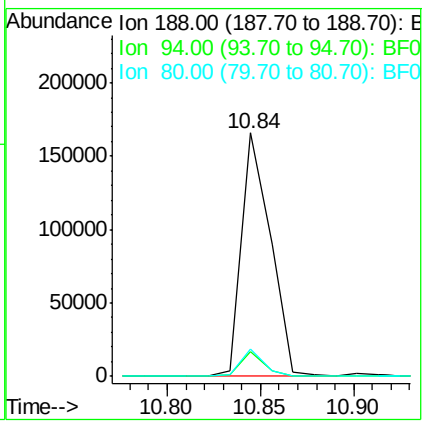


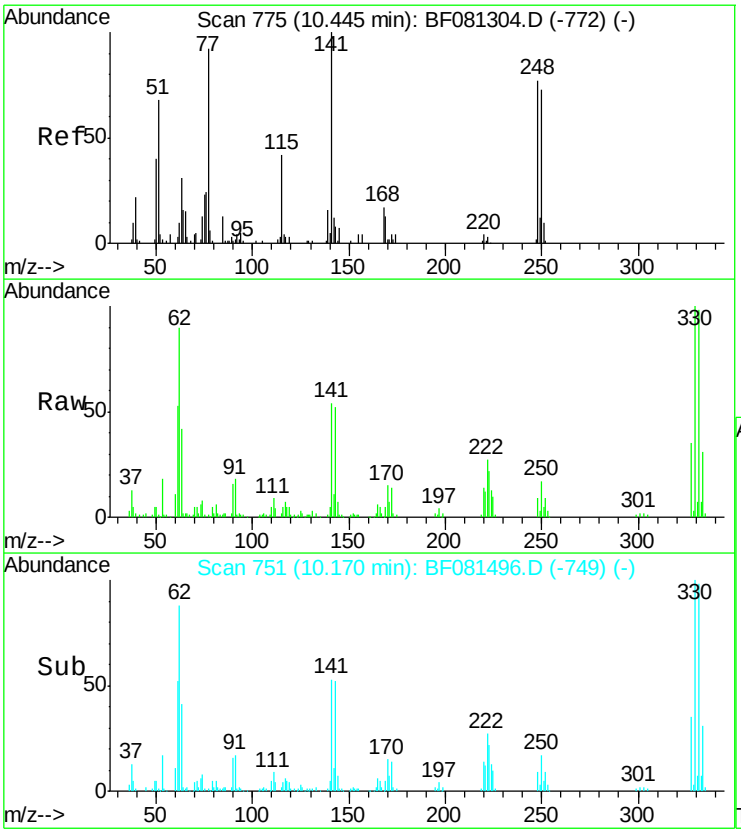
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-4-090215

Tgt Ion:188 Resp: 180821

Ion	Ratio	Lower	Upper
188	100		
94	10.2	11.1	16.7#
80	11.3	11.0	16.4

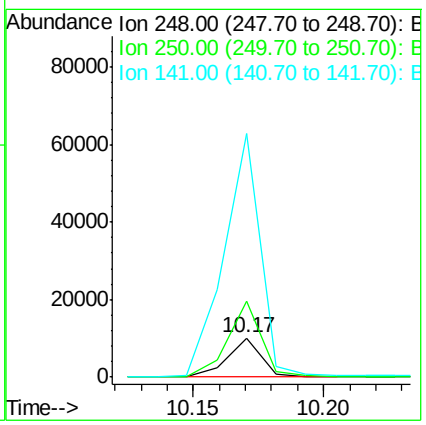


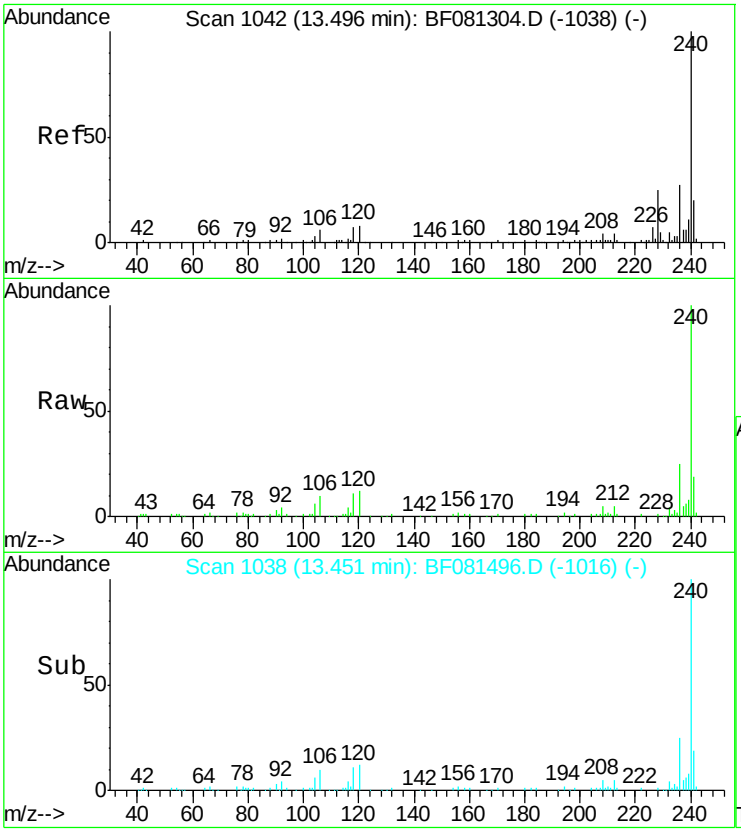


#66
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Tgt Ion:248 Resp: 9022

Ion	Ratio	Lower	Upper
248	100		
250	195.2	78.5	117.7#
141	626.3	59.0	88.6#



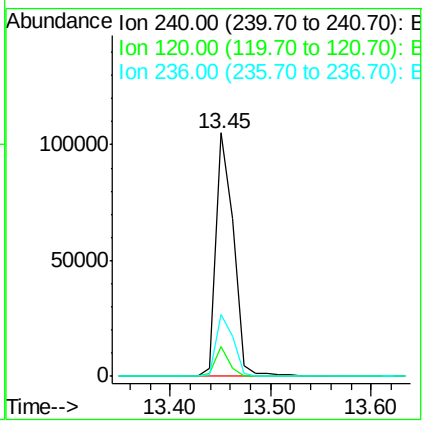


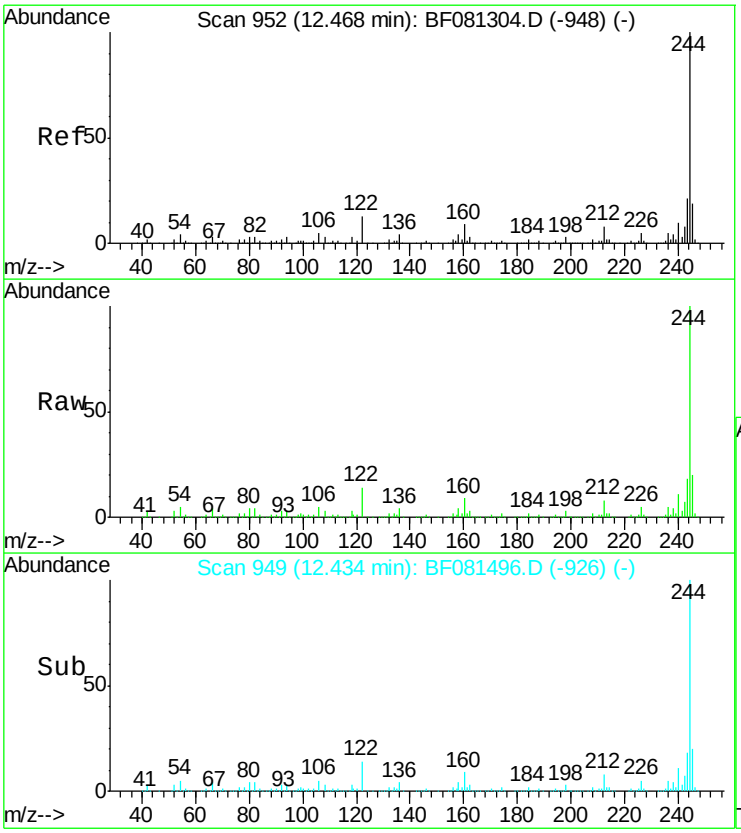
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-4-090215

Tgt Ion:240 Resp: 127350

Ion	Ratio	Lower	Upper
240	100		
120	12.4	16.2	24.2#
236	25.3	18.4	27.6

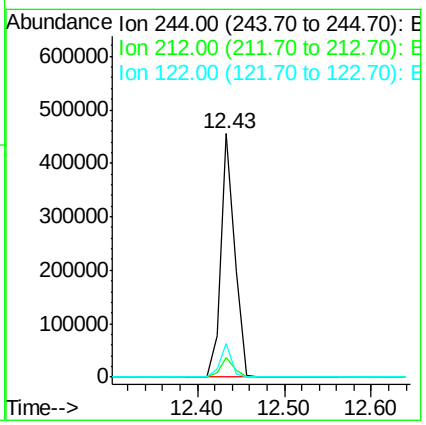


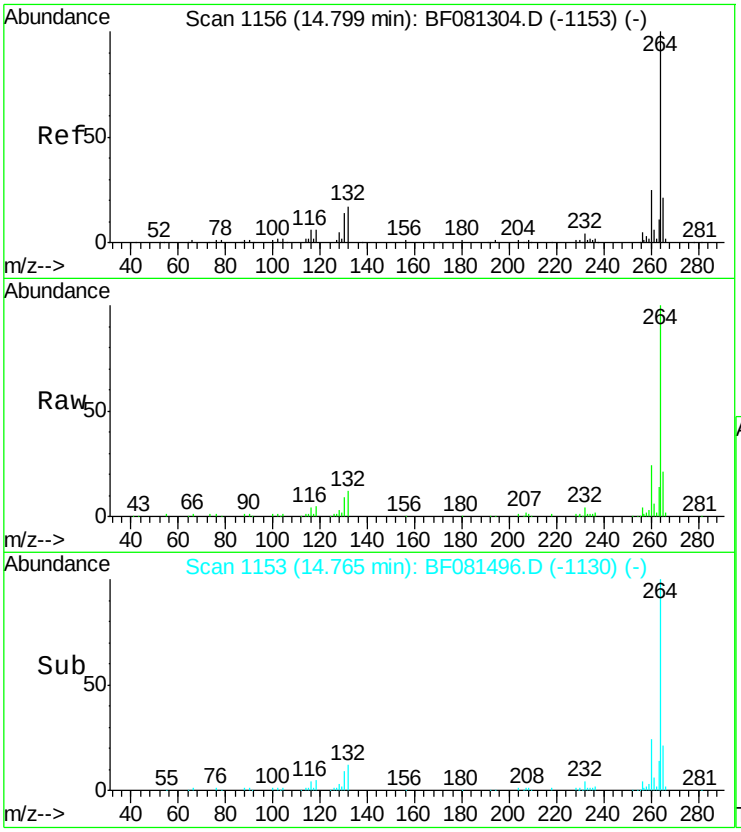


#78
Terphenyl-d14
Concen: 92.58 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Tgt Ion:244 Resp: 506472

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	14.0	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF081496.D
Acq: 6 Sep 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-4-090215

Tgt Ion:264 Resp: 96425

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	20.8	17.2	25.8