Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080438.D
Acq On : 13 Jul 2015 21:02
Operator : TP/UM
Sample : G2945-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-MW-2-23D

Quant Time: Jul 14 01:01:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 00:52:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	12299	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	51425	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	26486	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	52405	20.00	ng	-0.02
75) Chrysene-d12	14.42	240	68218	20.00	ng	-0.30
86) Perylene-d12	16.10	264	80506	20.00	ng	-0.49
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	33203	46.26	ng	0.00
7) Phenol-d6	6.78	99	24287	25.40	ng	0.01
23) Nitrobenzene-d5	7.70	82	58965	65.40	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	22883	88.52	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	142675	72.55	ng	0.00
78) Terphenyl-d14	13.27	244	197002	62.72	ng	-0.14
Target Compounds						Qvalue
9) Benzaldehyde	6.91	77	1563	2.95	ng	86
19) n-Nitroso-di-n-propylamine	7.70	70	7655	11.70	ng	# 82
25) Isophorone	7.70	82	58962	36.49	ng	# 73
49) Dimethylphthalate	9.89	163	6172	3.08	ng	# 91
50) 2,6-Dinitrotoluene	10.18	165	3296	7.33	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	3296	6.27	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	1957	3.50	ng	# 1

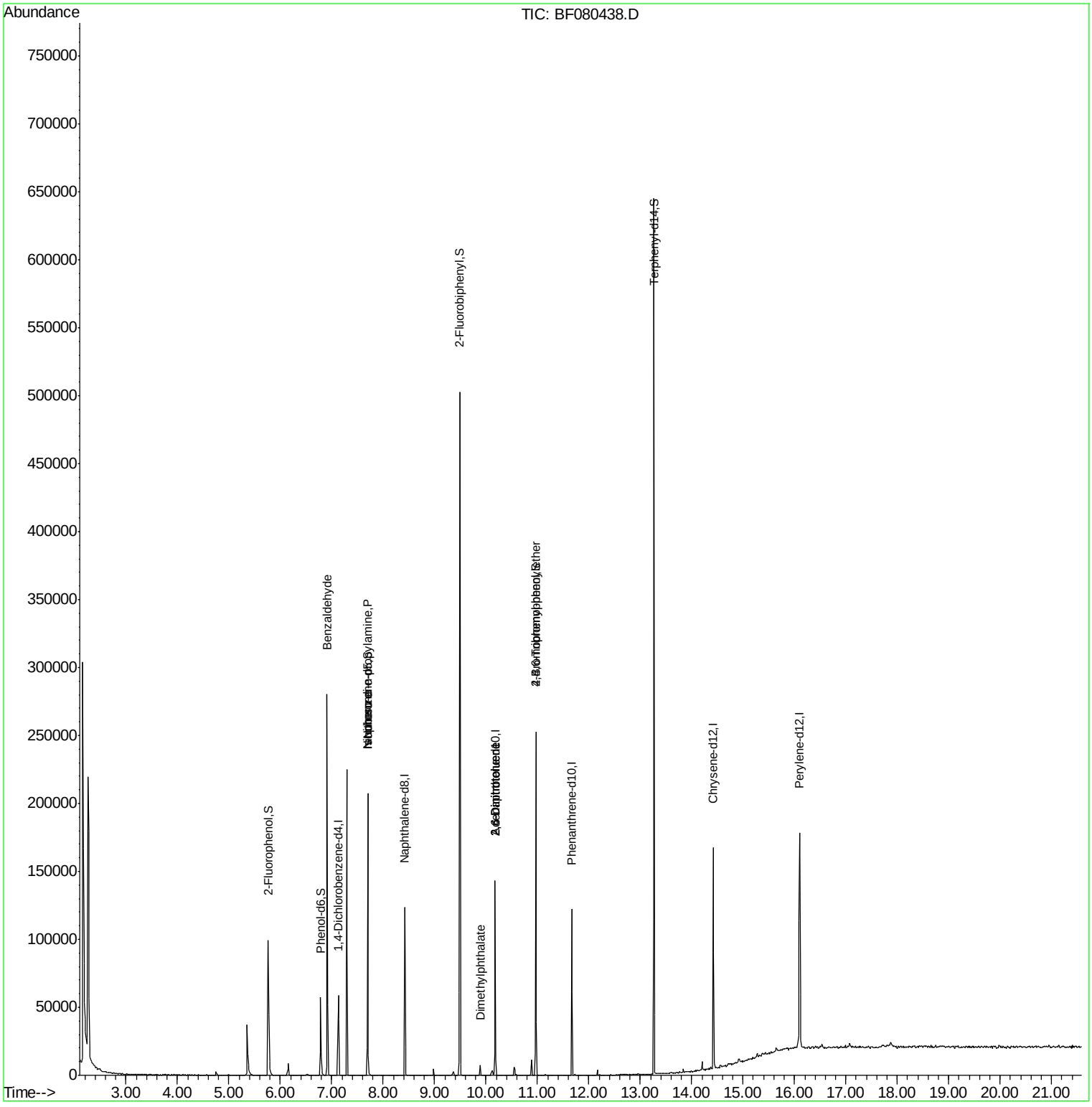
(#) = qualifier out of range (m) = manual integration (+) = signals summed

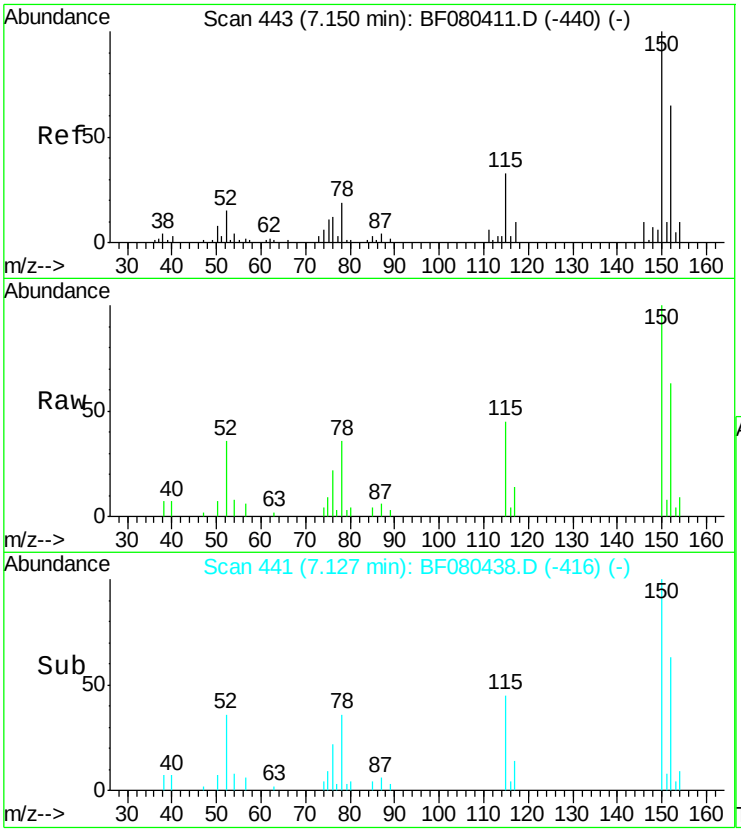
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080438.D
Acq On : 13 Jul 2015 21:02
Operator : TP/UM
Sample : G2945-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Quant Time: Jul 14 01:01:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 00:52:37 2015
Response via : Initial Calibration



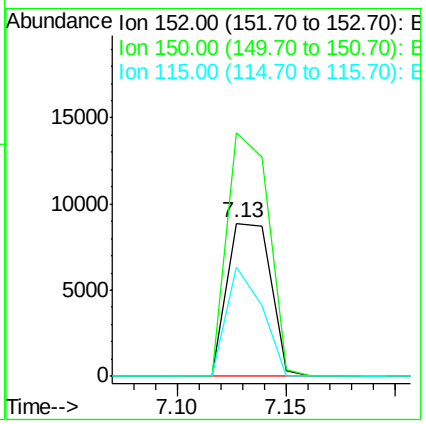


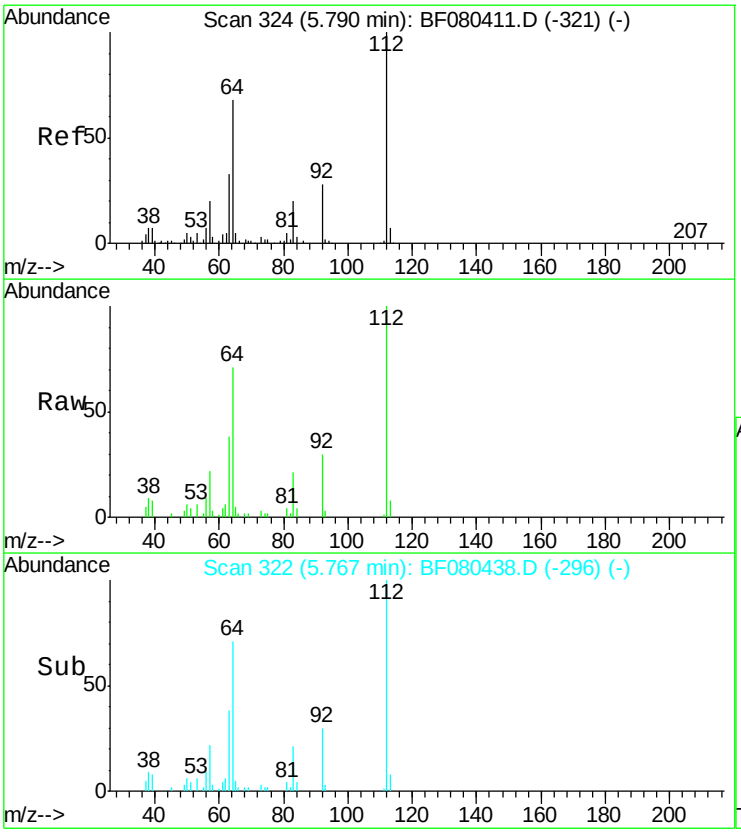
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion:152 Resp: 12299

Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.3	183.5
115	71.0	41.0	61.4#

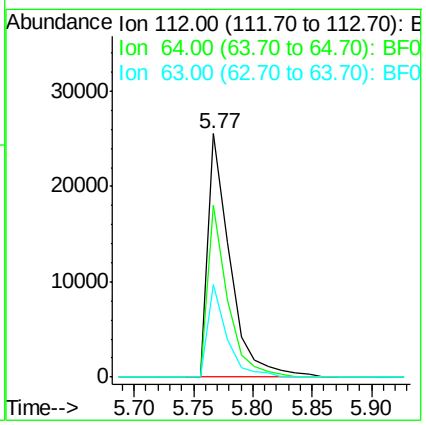


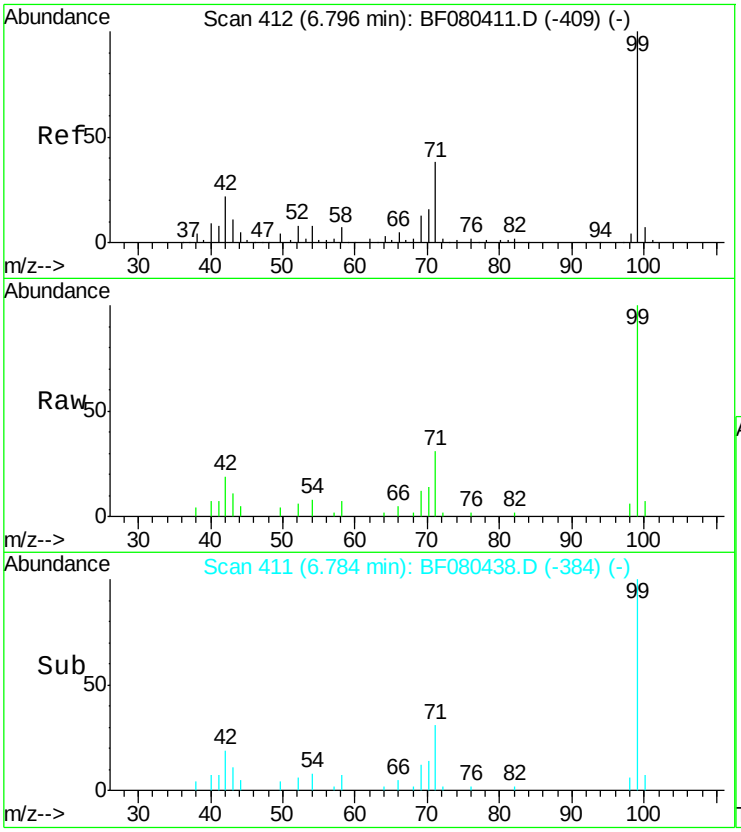


#5
2-Fluorophenol
Concen: 46.26 ng
RT: 5.77 min Scan# 322
Delta R.T. -0.00 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Tgt Ion:112 Resp: 33203

Ion	Ratio	Lower	Upper
112	100		
64	70.6	54.3	81.5
63	37.9	26.7	40.1



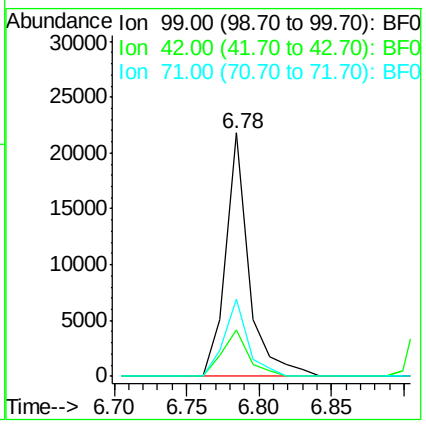


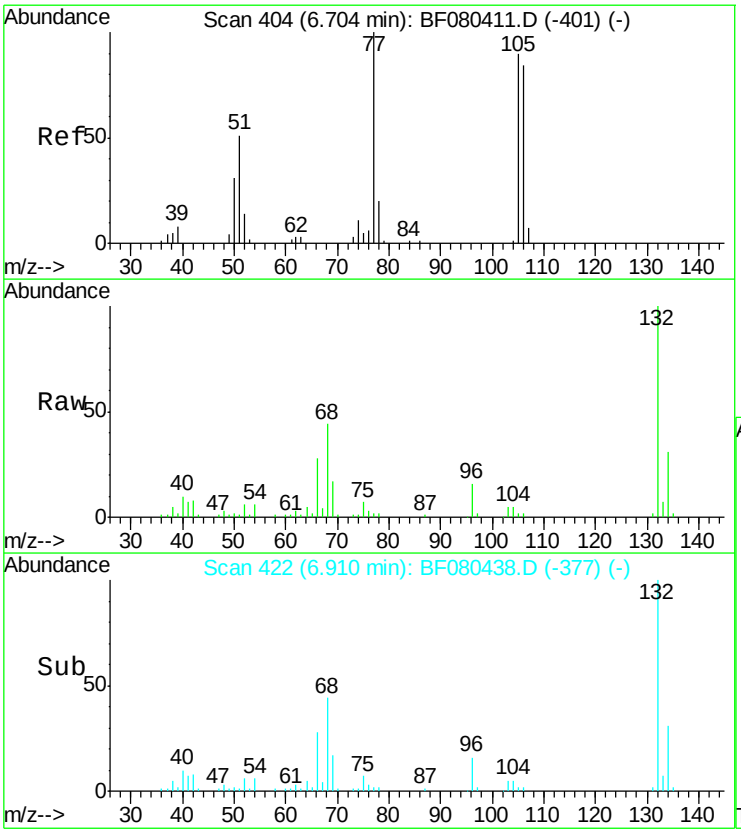
#7
Phenol-d6
Concen: 25.40 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.01 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion: 99 Resp: 24287

Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.9	26.9
71	31.5	30.1	45.1

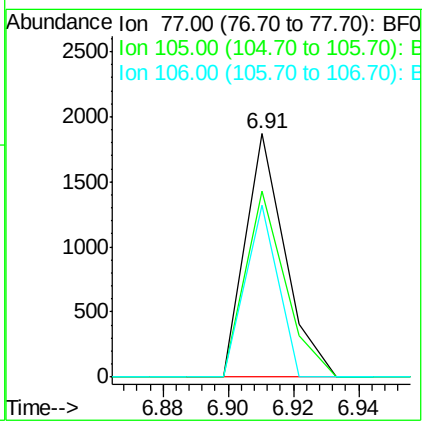


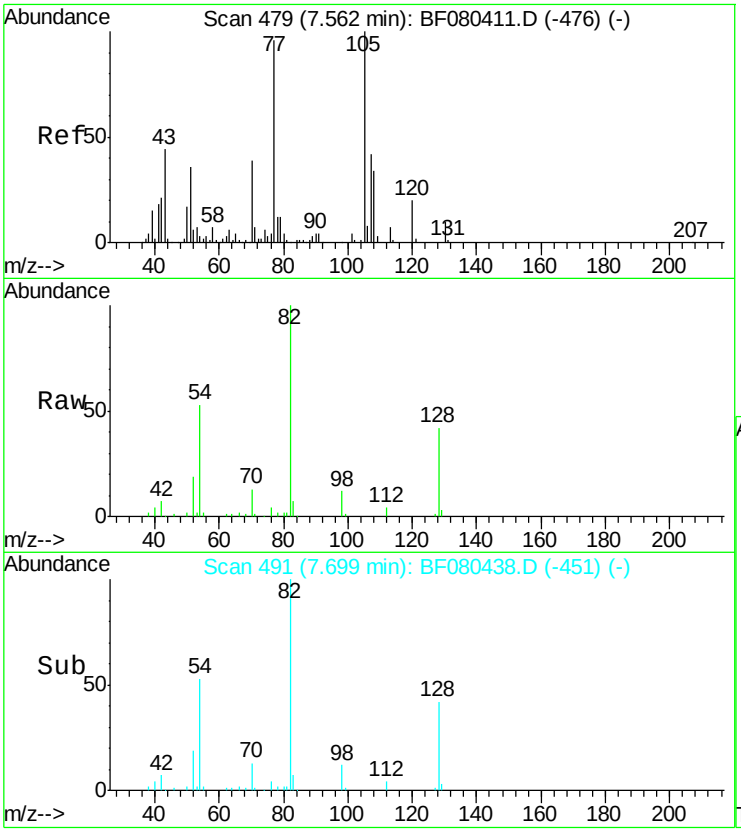


#9
Benzaldehyde
Concen: 2.95 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.22 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Tgt Ion: 77 Resp: 1563

Ion	Ratio	Lower	Upper
77	100		
105	76.2	69.6	109.6
106	70.6	63.6	103.6



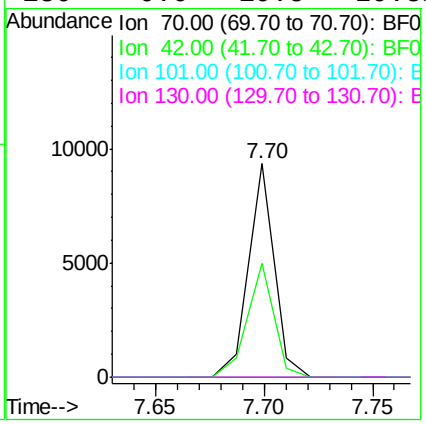


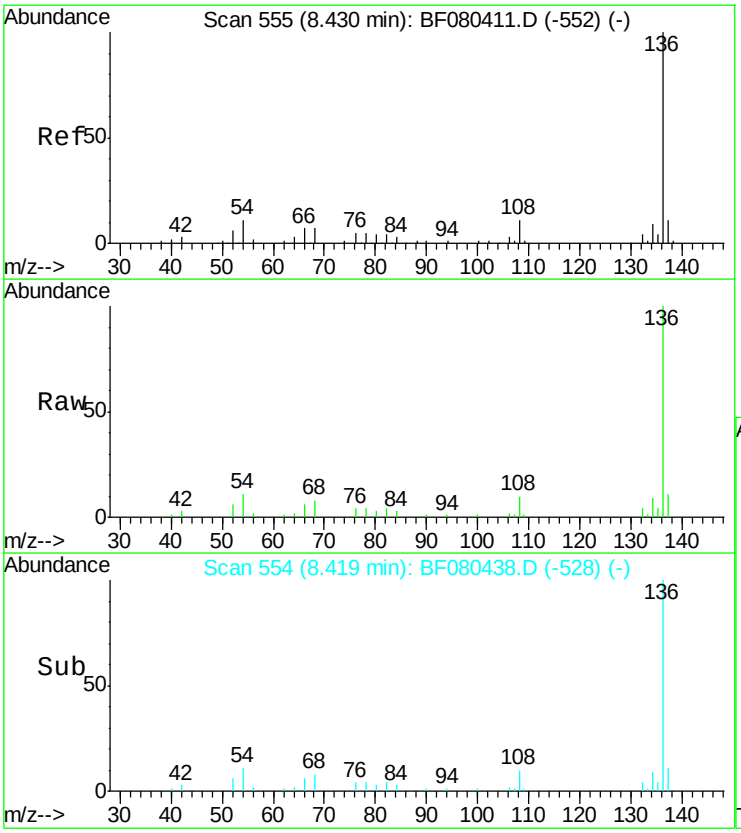
#19
n-Nitroso-di-n-propylamine
Concen: 11.70 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.16 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion: 70 Resp: 7655

Ion	Ratio	Lower	Upper
70	100		
42	53.1	43.4	65.0
101	0.0	9.0	13.6#
130	0.0	19.5	29.3#

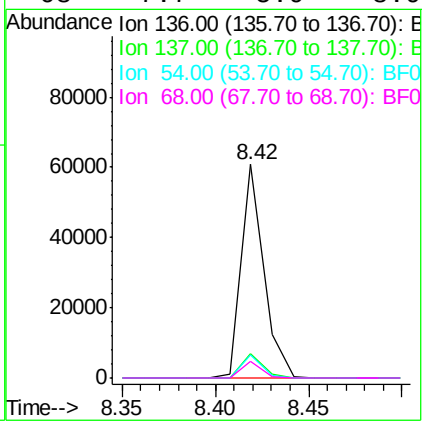


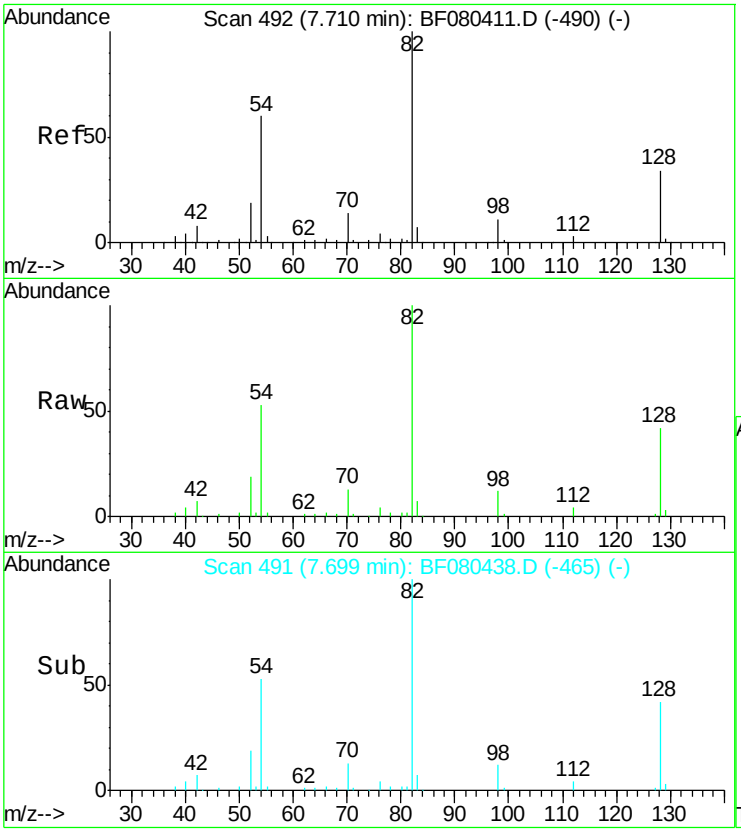


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Tgt Ion:136 Resp: 51425

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	10.6	9.1	13.7
68	7.7	5.9	8.9



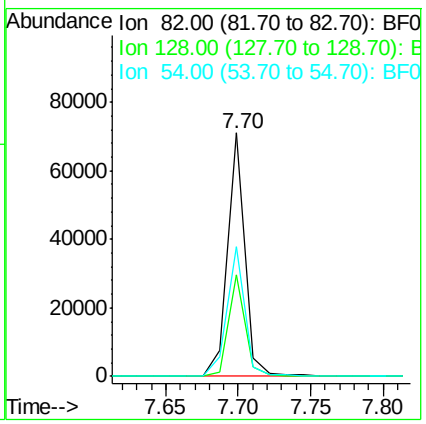


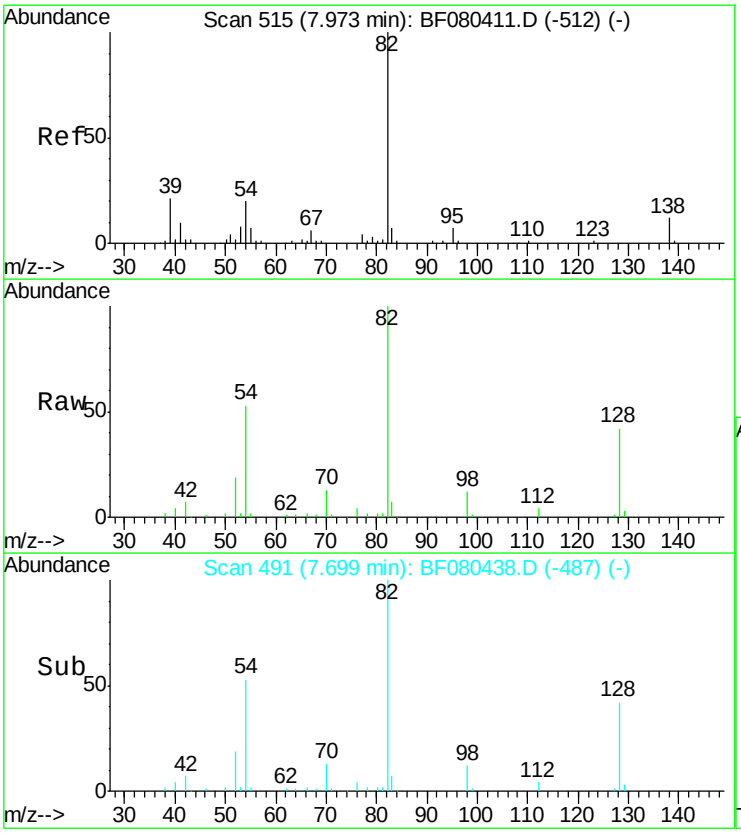
#23
Nitrobenzene-d5
Concen: 65.40 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion: 82 Resp: 58965

Ion	Ratio	Lower	Upper
82	100		
128	41.9	26.9	40.3#
54	53.3	47.7	71.5

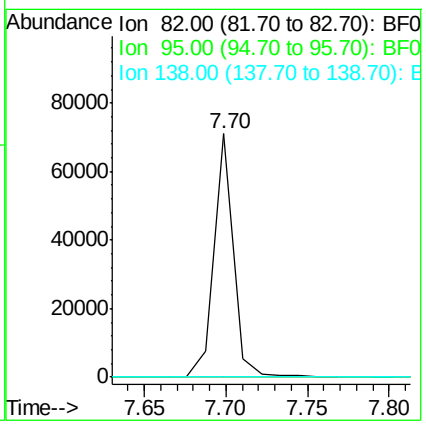


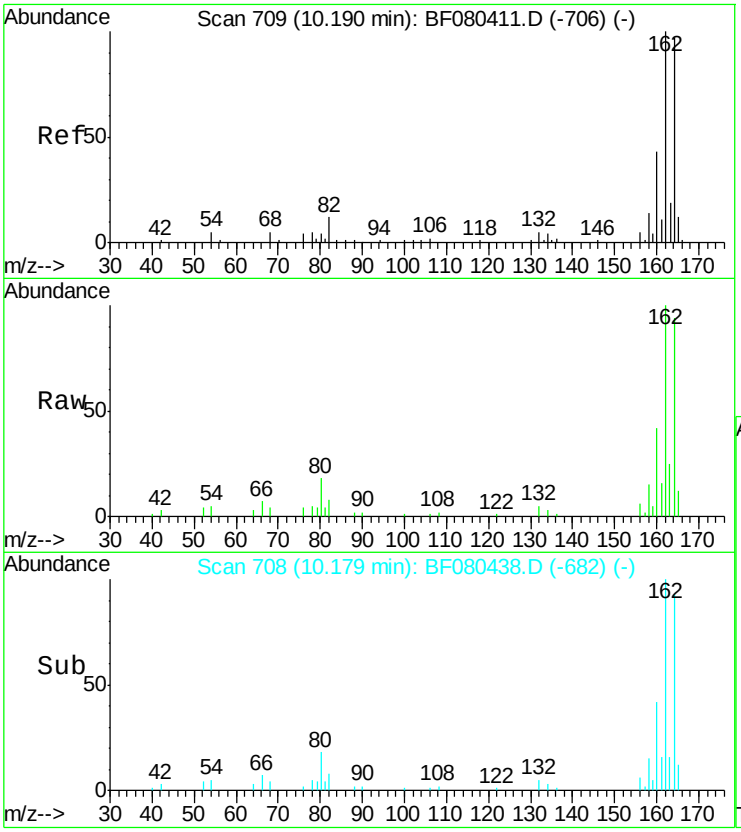


#25
Isophorone
Concen: 36.49 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.25 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Tgt Ion: 82 Resp: 58962

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	9.5	14.3#



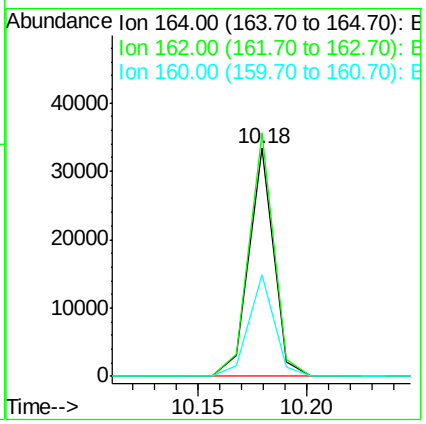


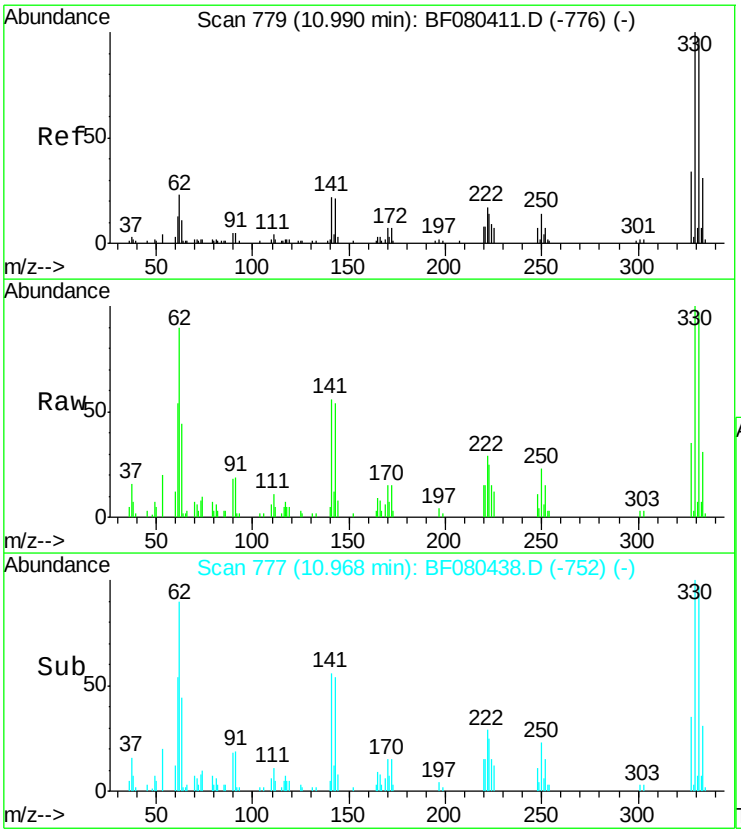
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion:164 Resp: 26486

Ion	Ratio	Lower	Upper
164	100		
162	106.8	82.7	124.1
160	44.5	35.5	53.3

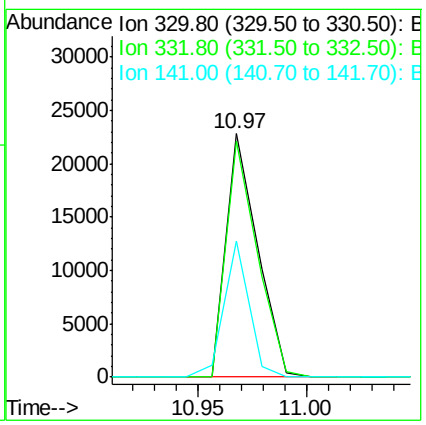


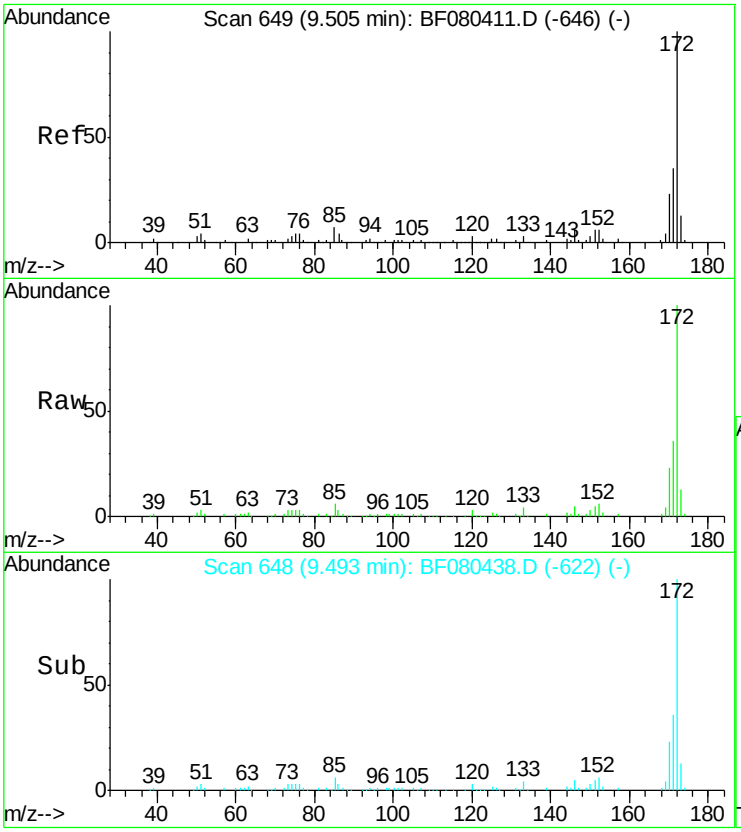


#41
2,4,6-Tribromophenol
Concen: 88.52 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Tgt Ion:330 Resp: 22883

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	45.0	28.6	43.0#



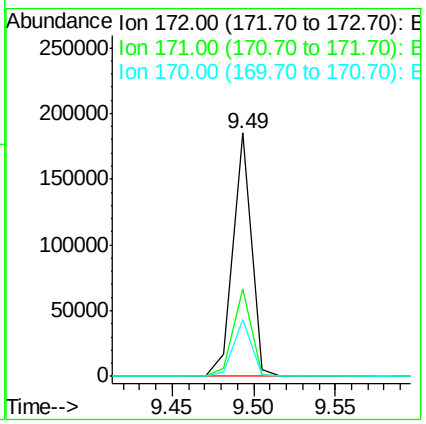


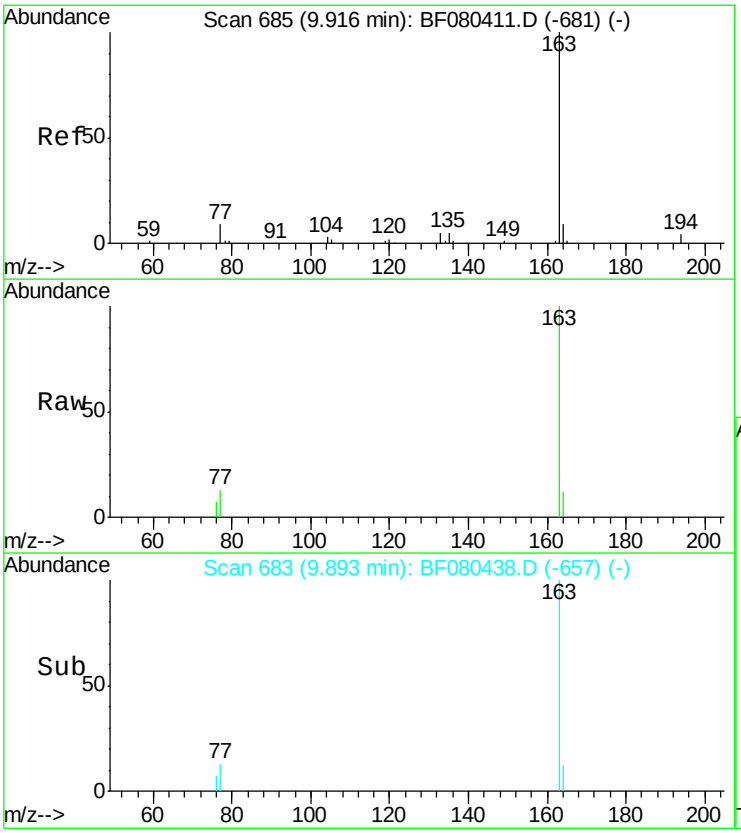
#44
2-Fluorobiphenyl
Concen: 72.55 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion:172 Resp: 142675

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.4	42.6
170	23.4	18.6	28.0

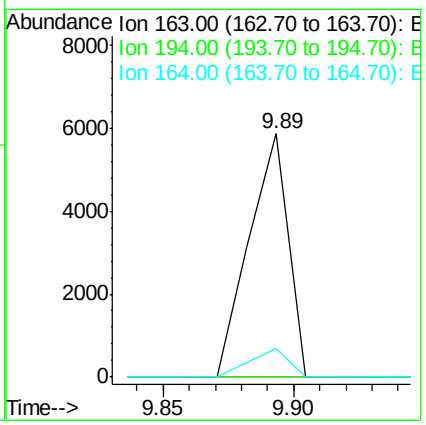


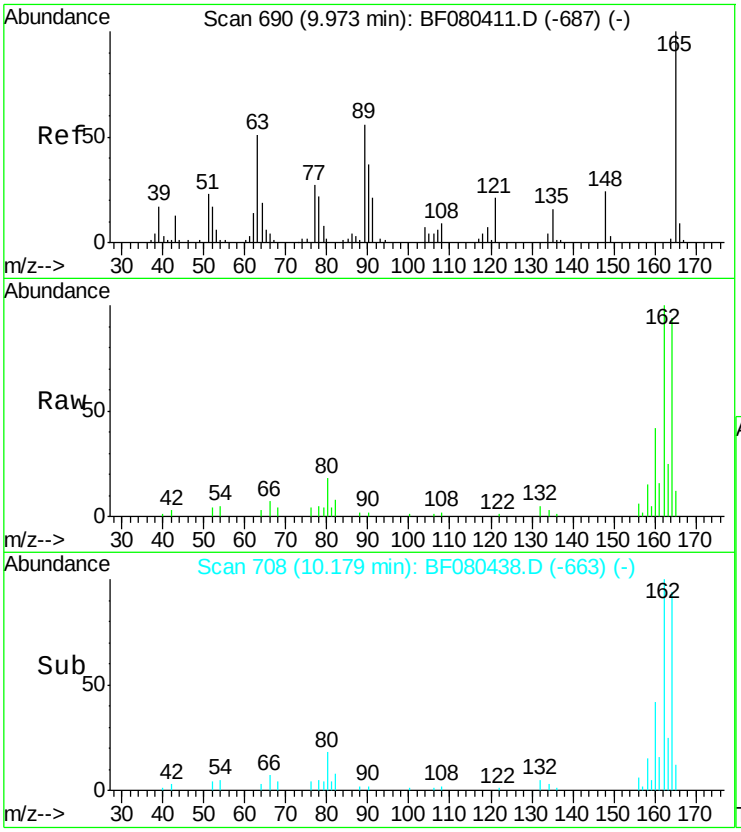


#49
Dimethylphthalate
Concen: 3.08 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Tgt Ion:163 Resp: 6172

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	11.8	7.4	11.0#



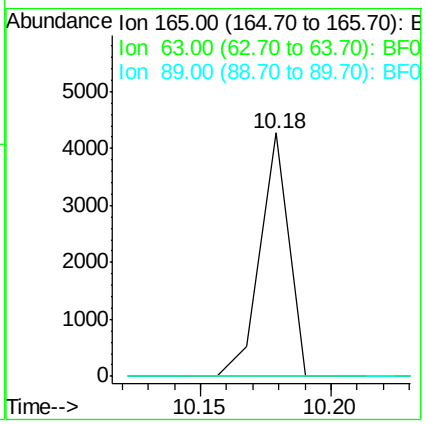


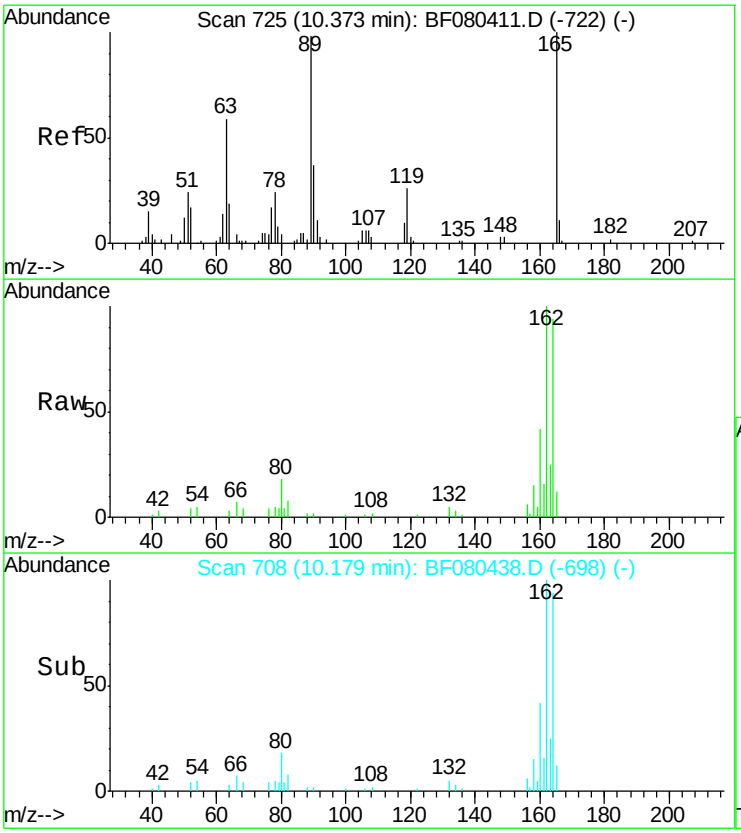
#50
2,6-Dinitrotoluene
Concen: 7.33 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.22 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion:165 Resp: 3296

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.5	66.7#
89	0.0	44.5	66.7#

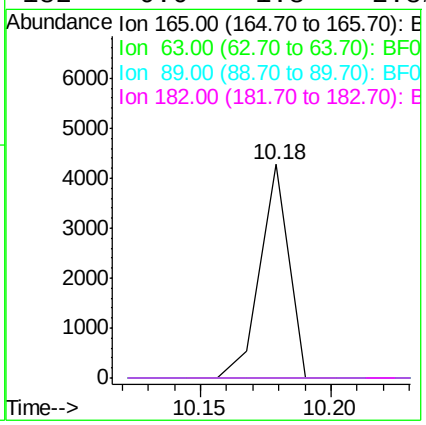


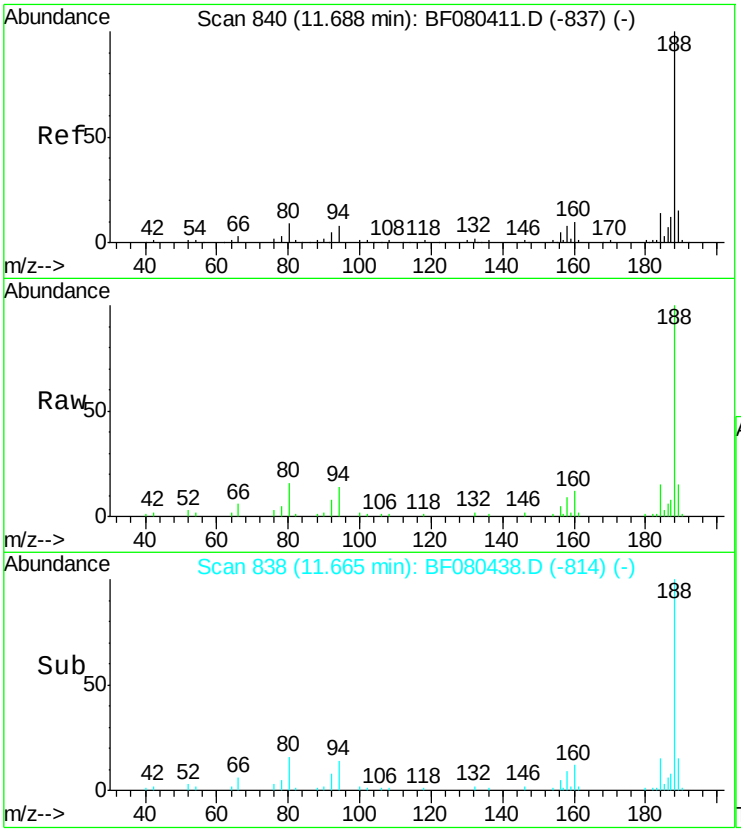


#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.18 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Tgt Ion:165 Resp: 3296

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.7	77.5#
89	0.0	78.6	117.8#
182	0.0	1.8	2.8#



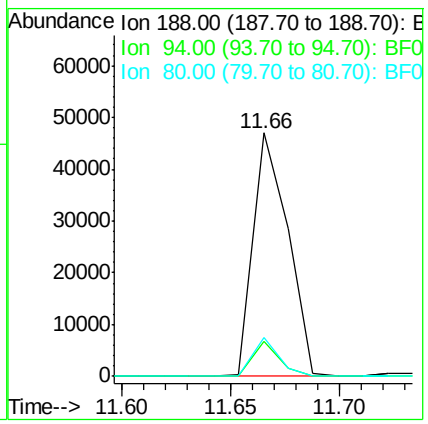


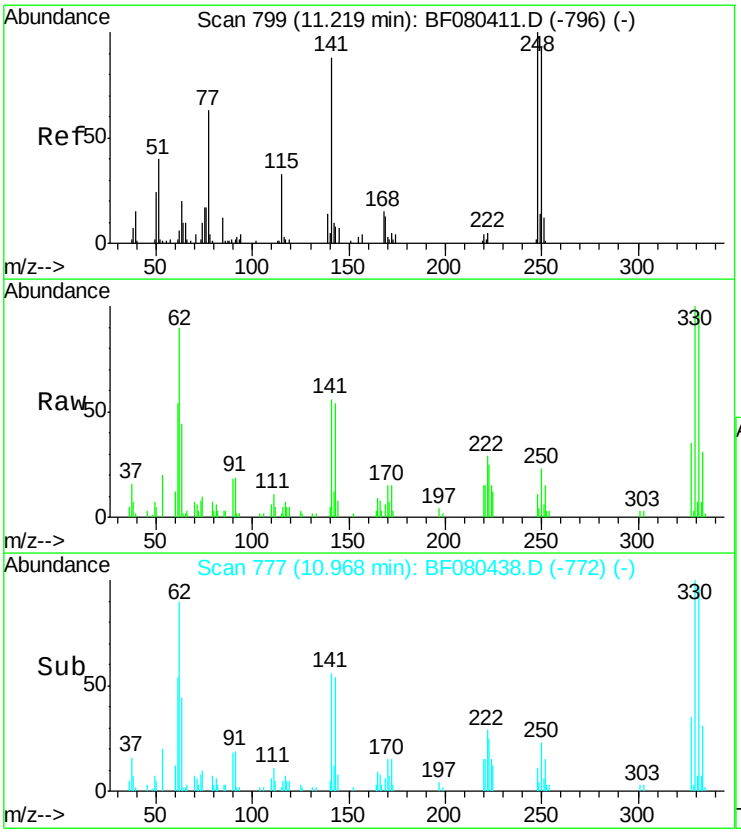
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion:188 Resp: 52405

Ion	Ratio	Lower	Upper
188	100		
94	14.3	6.7	10.1#
80	16.2	7.5	11.3#

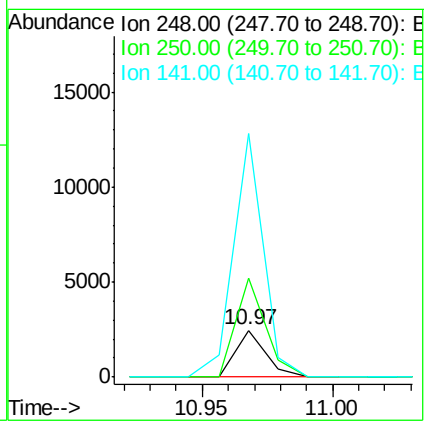


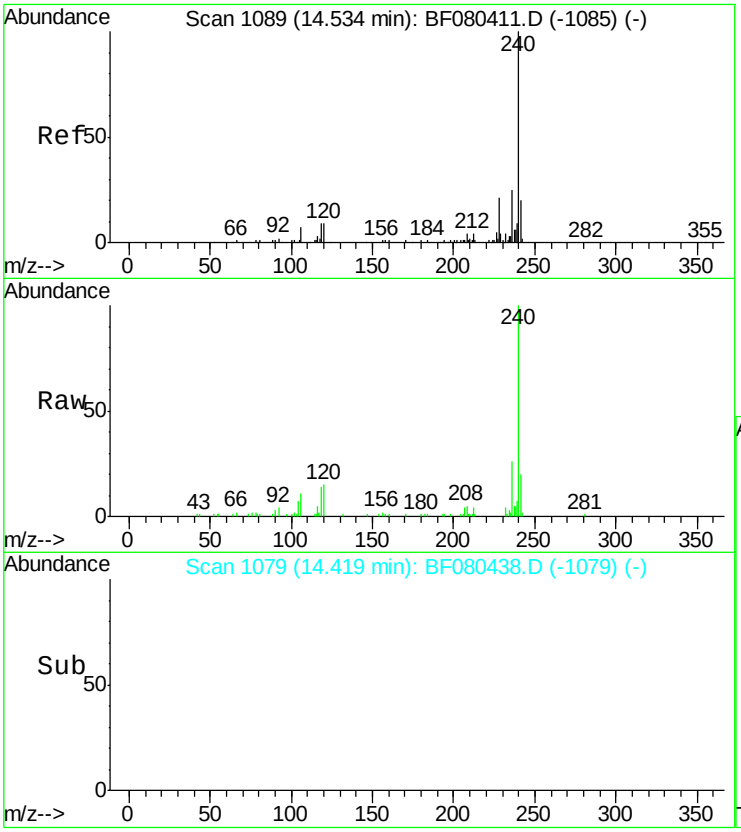


#66
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.24 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Tgt Ion:248 Resp: 1957

Ion	Ratio	Lower	Upper
248	100		
250	211.9	74.2	111.4#
141	524.0	70.7	106.1#



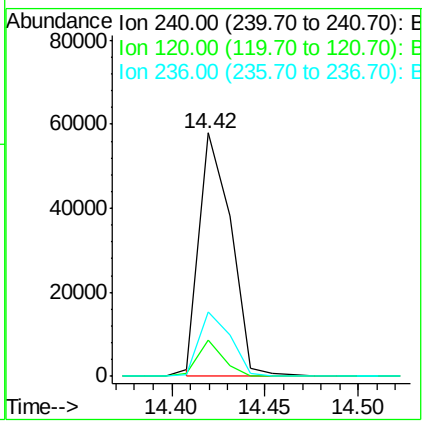


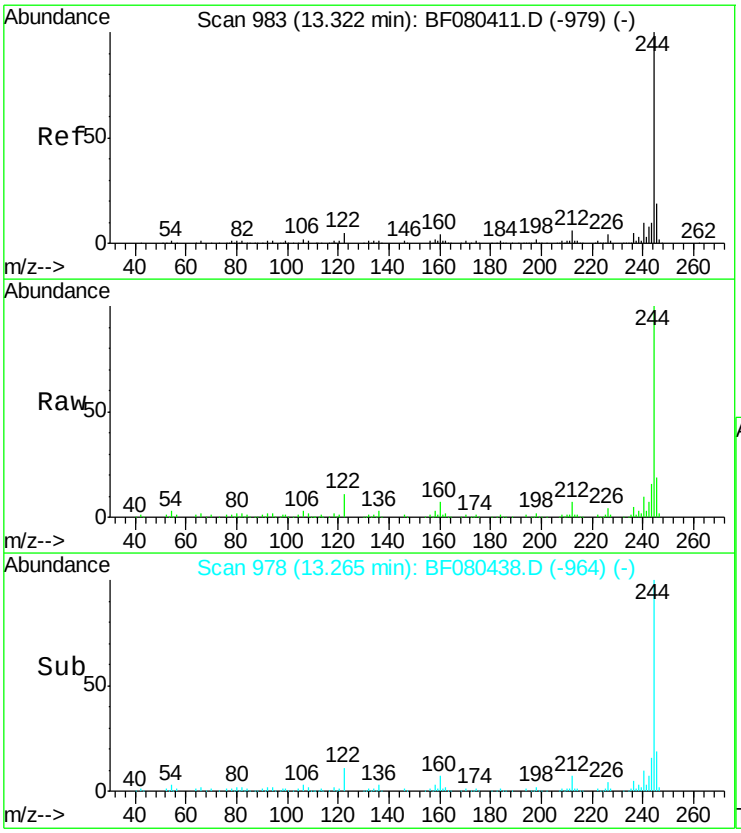
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.42 min Scan# 1079
Delta R.T. -0.30 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion:240 Resp: 68218

Ion	Ratio	Lower	Upper
240	100		
120	15.0	7.4	11.2#
236	26.2	19.7	29.5

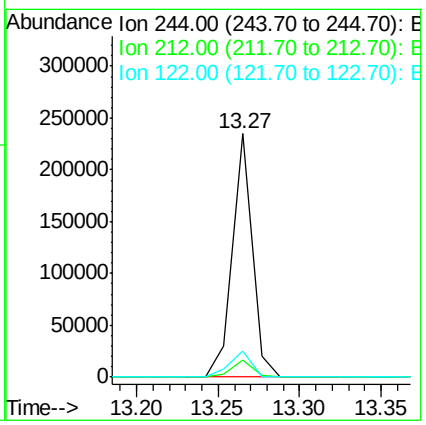


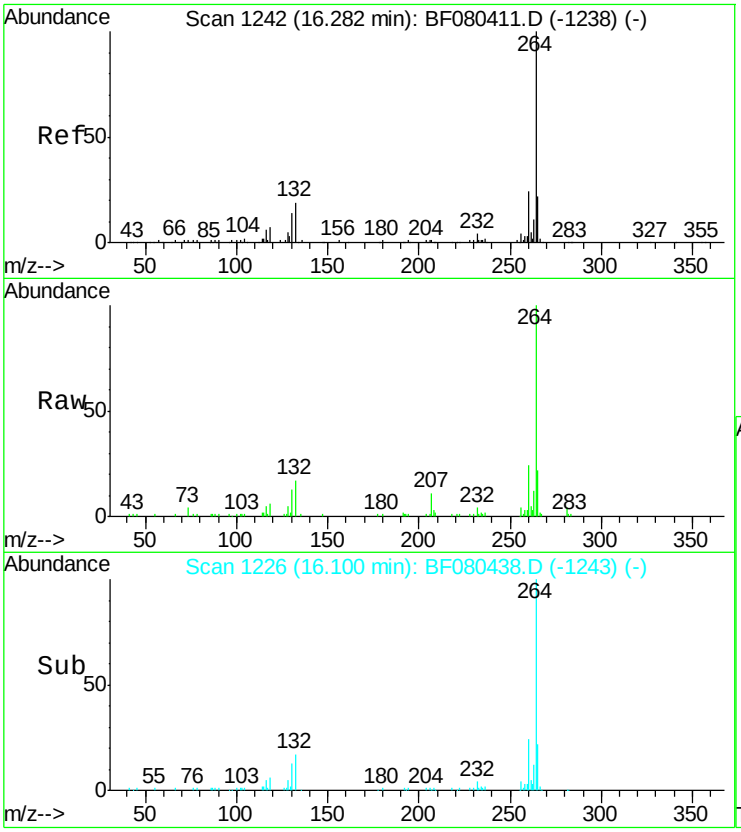


#78
Terphenyl-d14
Concen: 62.72 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.14 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Tgt Ion:244 Resp: 197002

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	10.6	4.1	6.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1226
Delta R.T. -0.49 min
Lab File: BF080438.D
Acq: 13 Jul 2015 21:02

Instrument :
BNA_F
ClientSampleId :
TE-MW-2-23D

Tgt Ion:264 Resp: 80506

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.5	17.8	26.8