Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF086984.D
Acq On : 13 May 2016 21:51
Operator : UM/SJ
Sample : H2992-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 90THAVE-SB-31(0.5-10.0)

Quant Time: May 13 22:53:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	403390	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	592971	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	292465	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	569295	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	527306	20.00	ng	-0.09
86) Perylene-d12	15.11	264	403829	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	876519	36.80	ng	-0.09
7) Phenol-d6	6.27	99	1126155	35.38	ng	-0.09
23) Nitrobenzene-d5	7.19	82	892986	75.62	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	307704	99.38	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1381641	79.40	ng	-0.08
78) Terphenyl-d14	12.71	244	1234124	49.66	ng	-0.09
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	128024	5.75	ng	# 77
25) Isophorone	7.19	82	874212	39.90	ng	# 68
49) Dimethylphthalate	9.38	163	121317	5.44	ng	99
50) 2,6-Dinitrotoluene	9.64	165	37185	7.92	ng	# 21
56) 2,4-Dinitrotoluene	9.64	165	37186	6.40	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	18894	3.27	ng	# 1

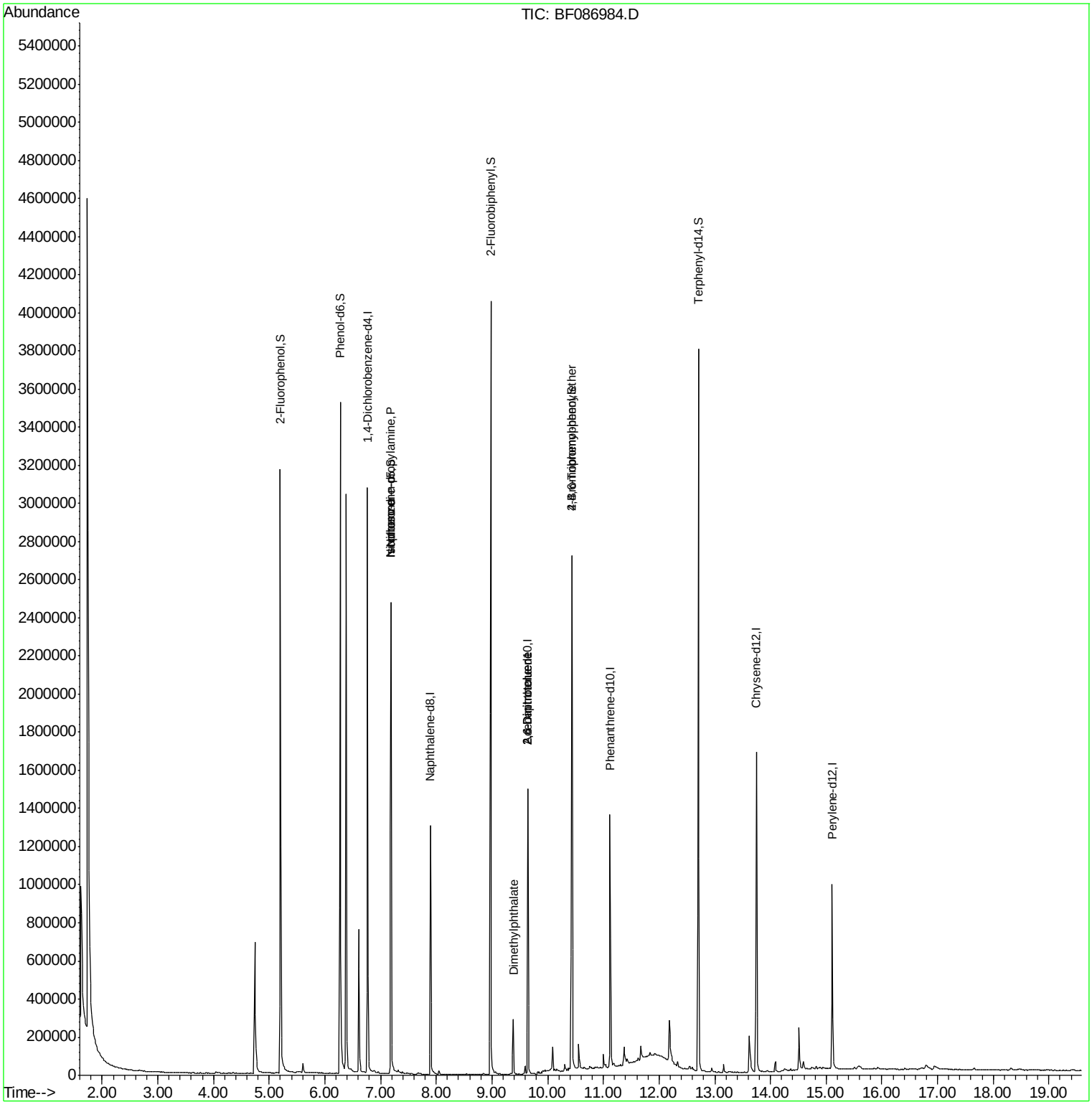
(#) = qualifier out of range (m) = manual integration (+) = signals summed

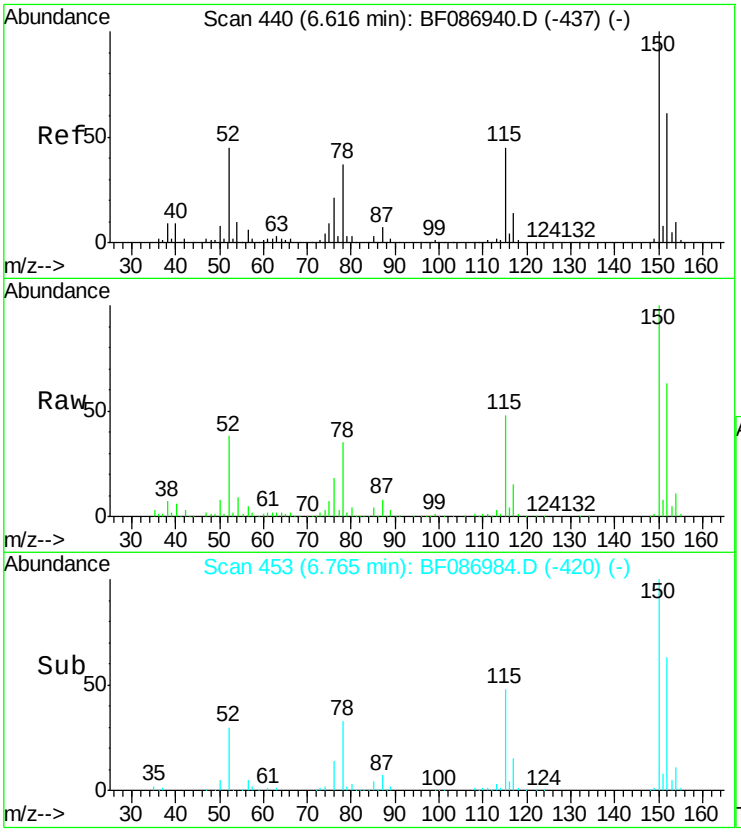
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF086984.D
Acq On : 13 May 2016 21:51
Operator : UM/SJ
Sample : H2992-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-31(0.5-10.0)

Quant Time: May 13 22:53:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration



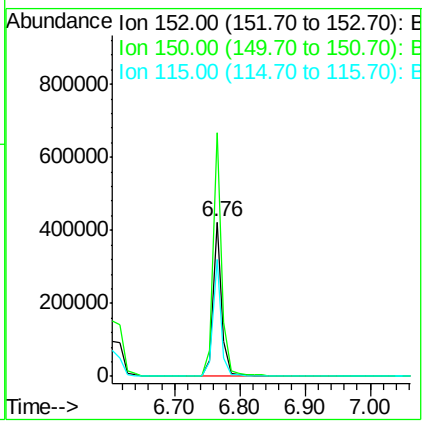


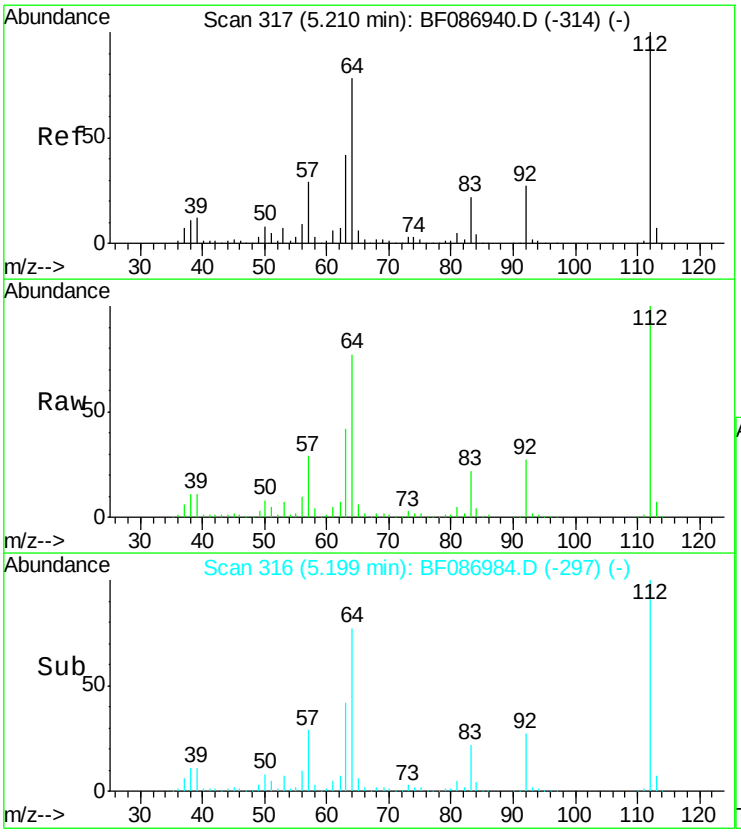
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-31(0.5-10.0)

Tgt Ion:152 Resp: 403390

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.8	188.6
115	76.2	51.5	77.3

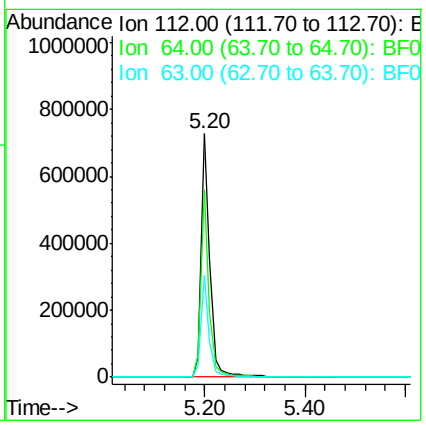


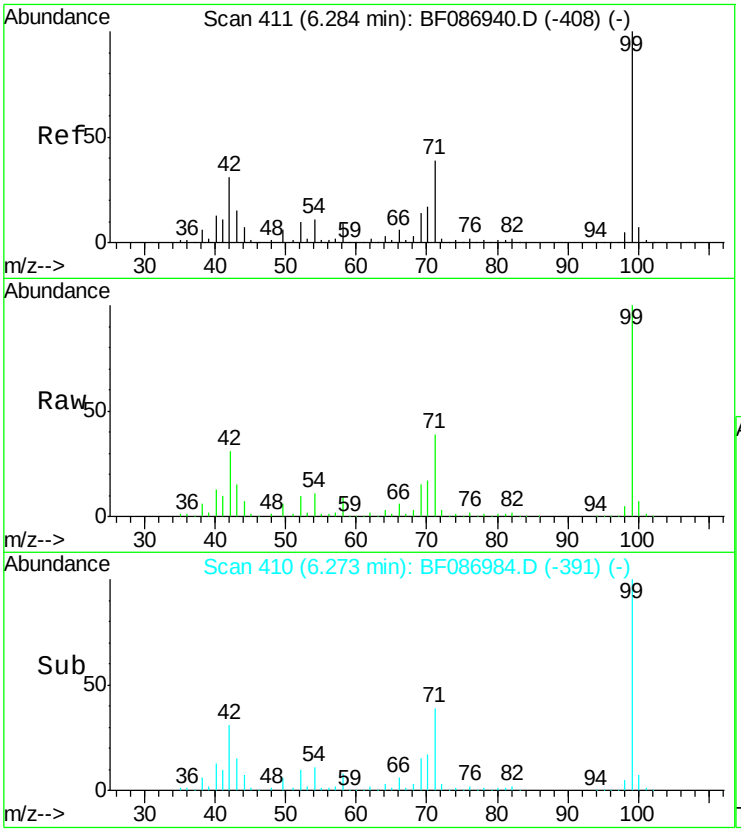


#5
2-Fluorophenol
Concen: 36.80 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Tgt Ion:112 Resp: 876519

Ion	Ratio	Lower	Upper
112	100		
64	77.0	52.1	78.1
63	41.9	25.7	38.5#



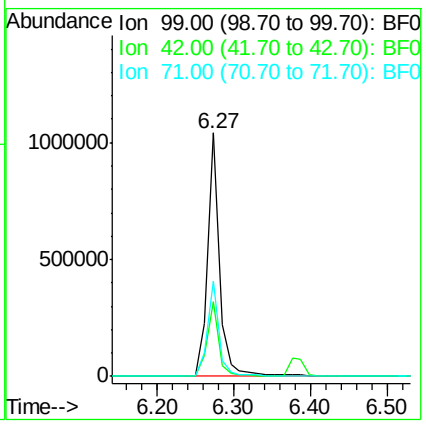


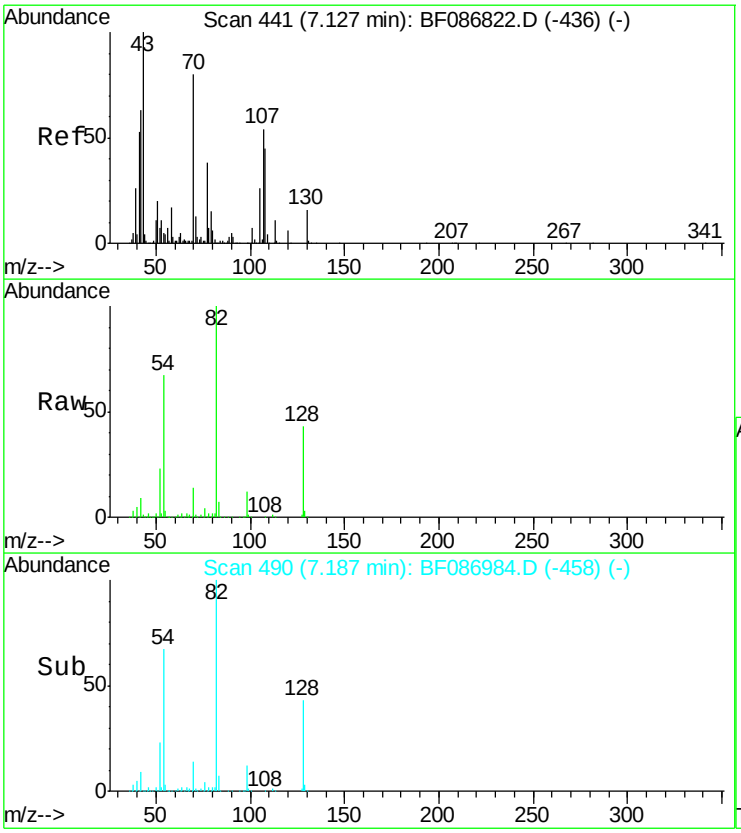
#7
Phenol-d6
Concen: 35.38 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.09 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-31(0.5-10.0)

Tgt Ion: 99 Resp: 1126155

Ion	Ratio	Lower	Upper
99	100		
42	30.9	13.6	20.4#
71	39.3	24.6	36.8#

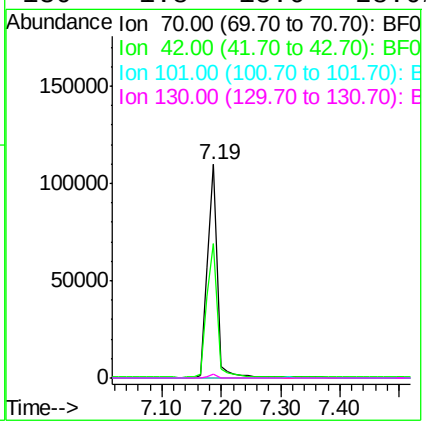


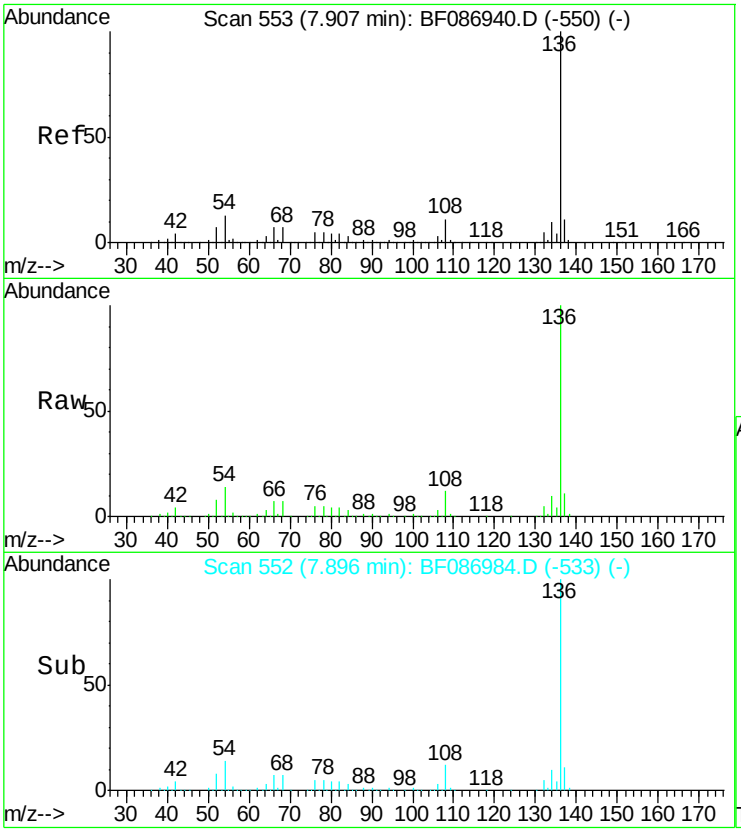


#19
n-Nitroso-di-n-propylamine
Concen: 5.75 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Tgt Ion: 70 Resp: 128024

Ion	Ratio	Lower	Upper
70	100		
42	62.8	43.1	64.7
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#



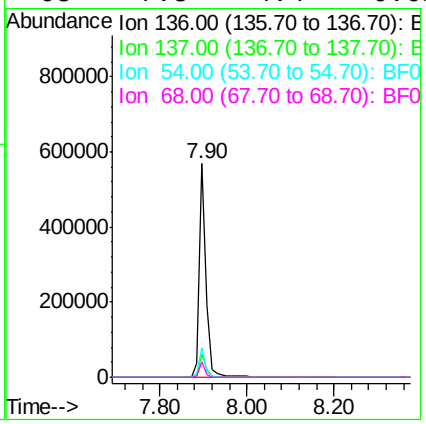


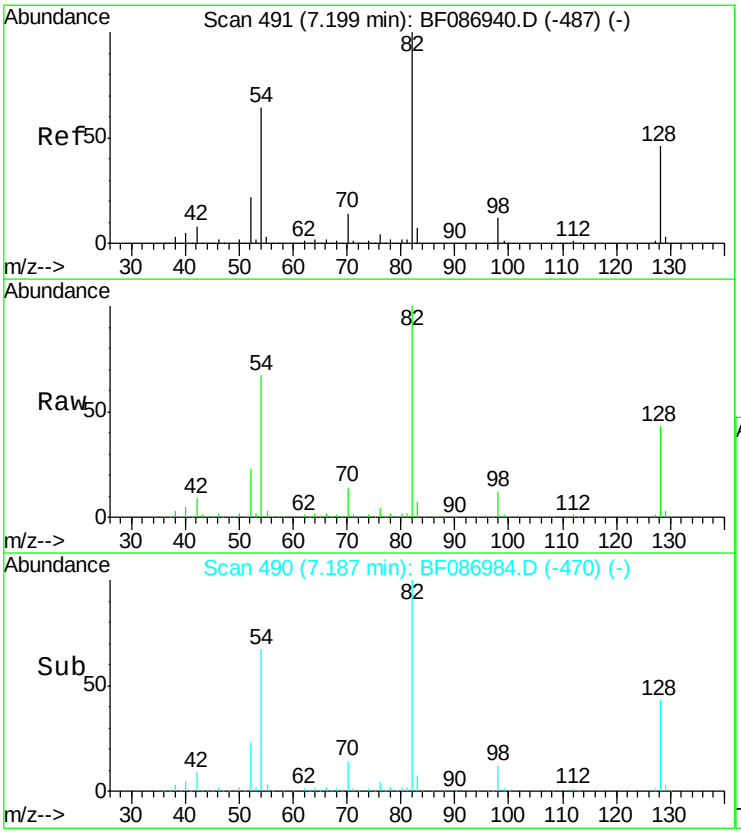
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-31(0.5-10.0)

Tgt Ion:136 Resp: 592971

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	14.0	5.0	7.4#
68	7.3	4.4	6.6#

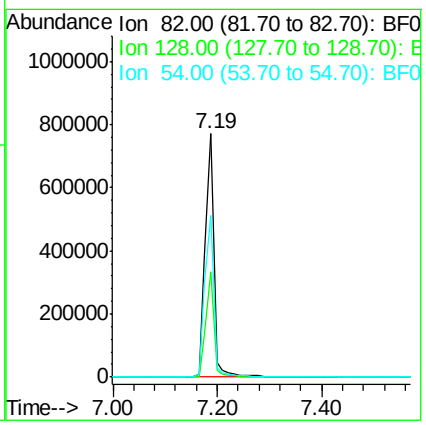


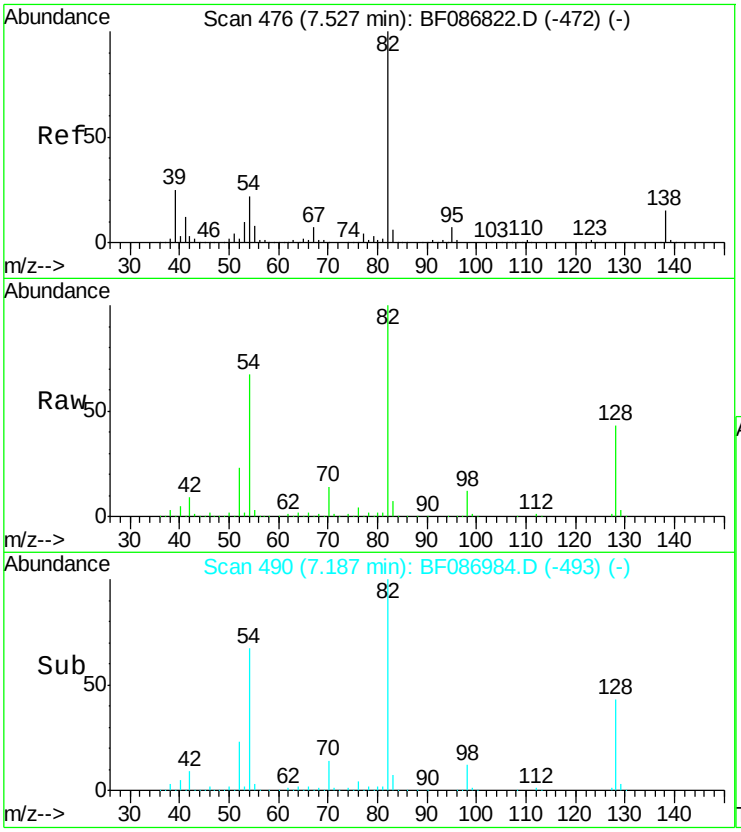


#23
Nitrobenzene-d5
Concen: 75.62 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Tgt Ion: 82 Resp: 892986

Ion	Ratio	Lower	Upper
82	100		
128	43.2	40.6	61.0
54	66.7	38.1	57.1#



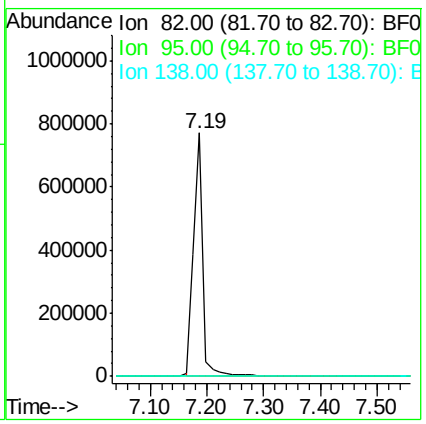


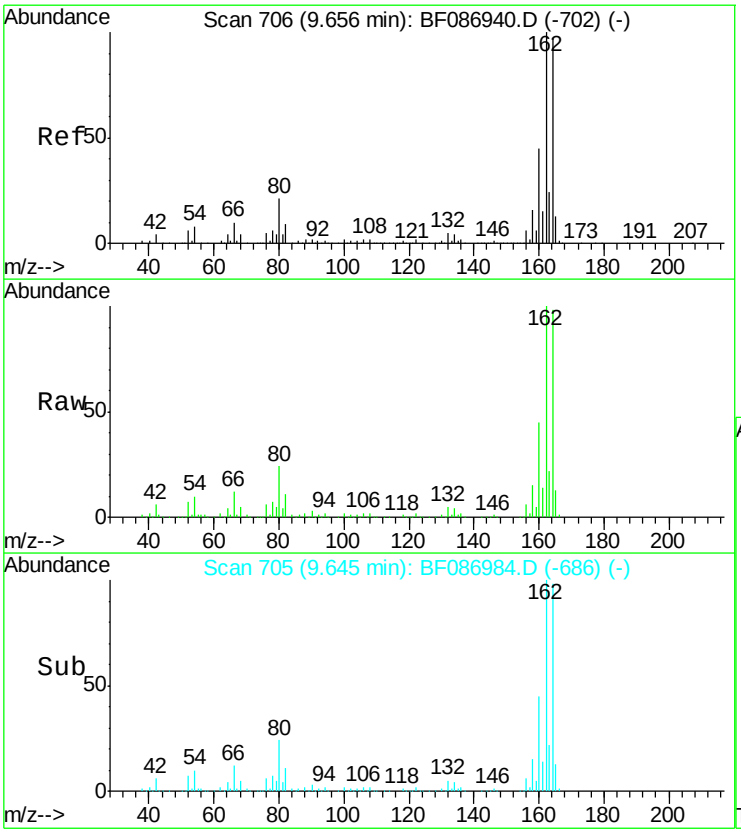
#25
Isophorone
Concen: 39.90 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-31(0.5-10.0)

Tgt Ion: 82 Resp: 874212

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

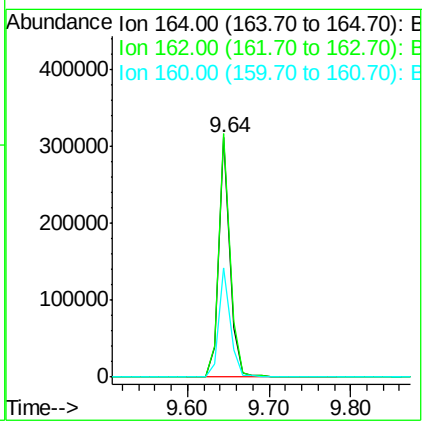


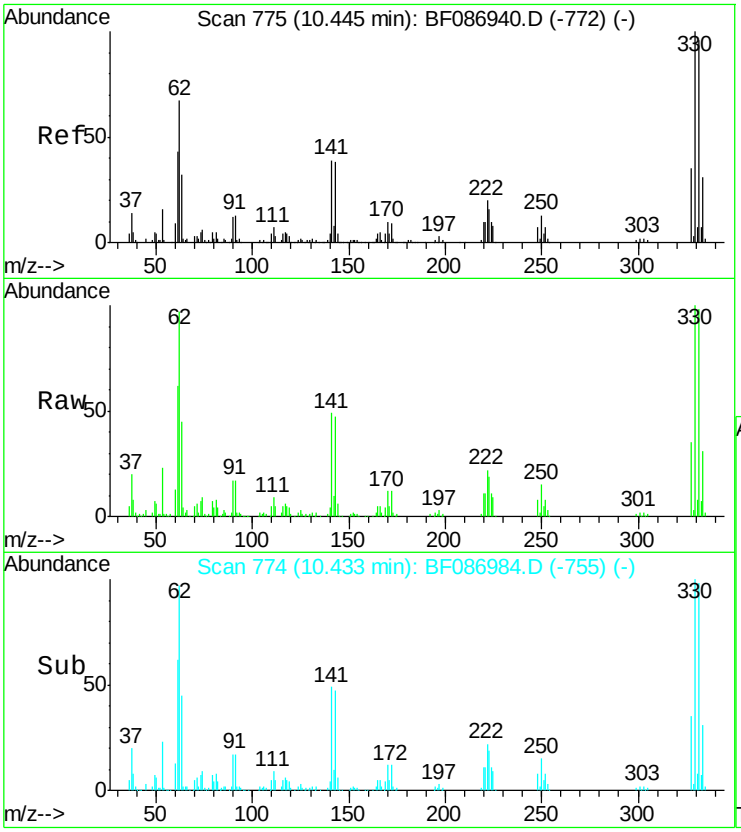


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Tgt Ion:164 Resp: 292465

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.8	124.2
160	45.4	36.9	55.3



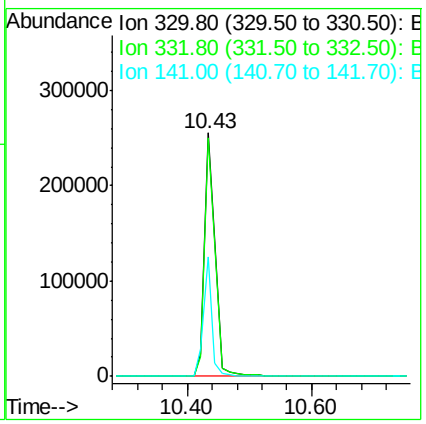


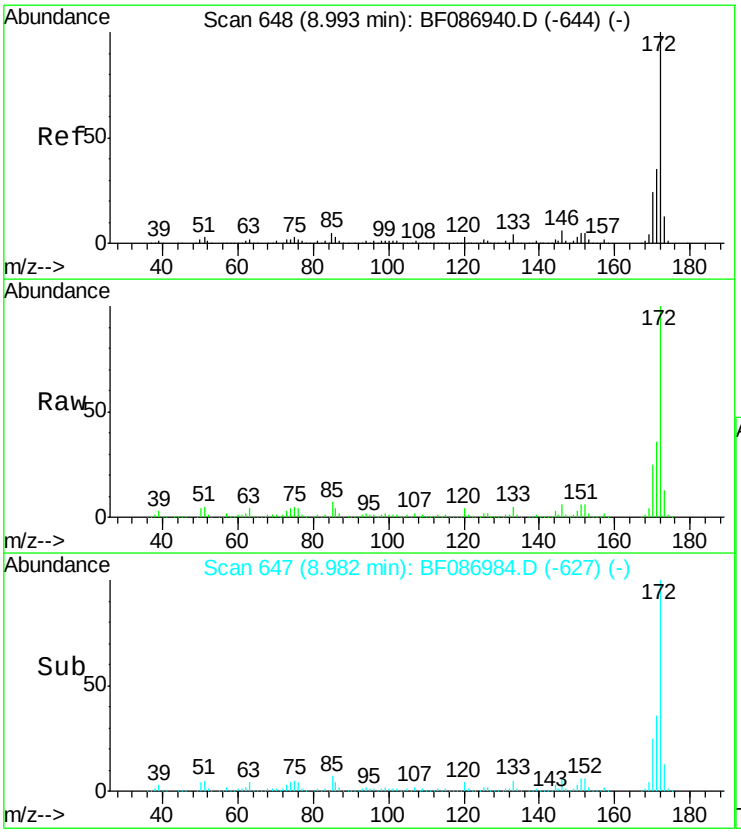
#41
2,4,6-Tribromophenol
Concen: 99.38 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.09 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-31(0.5-10.0)

Tgt Ion:330 Resp: 307704

Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	39.2	31.2	46.8

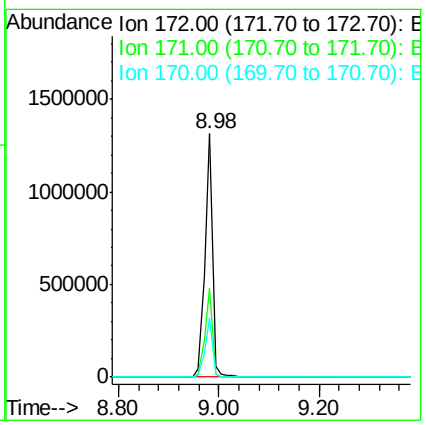


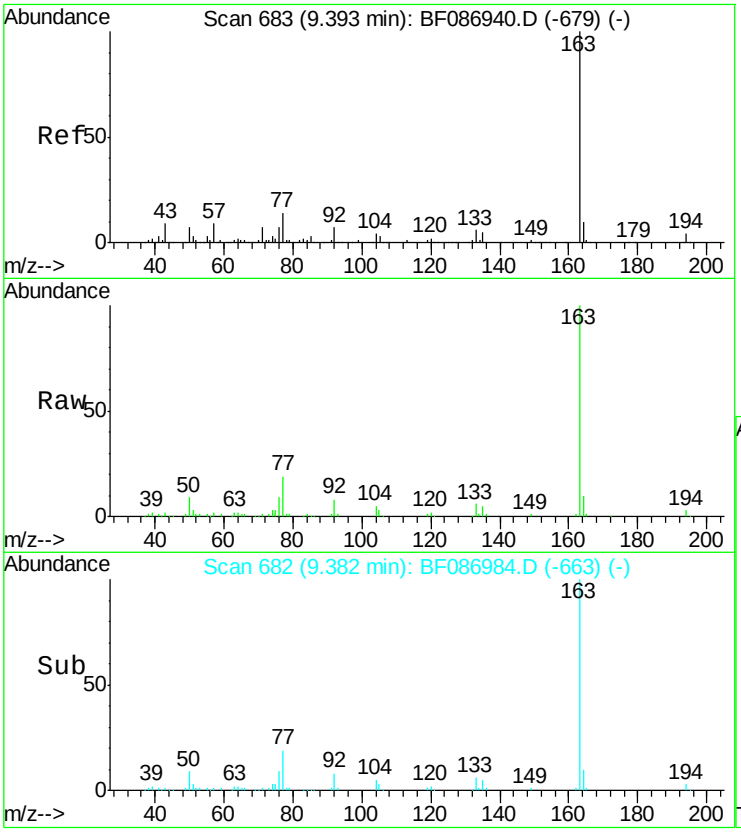


#44
2-Fluorobiphenyl
Concen: 79.40 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.08 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Tgt Ion:172 Resp: 1381641

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.5	19.8	29.8



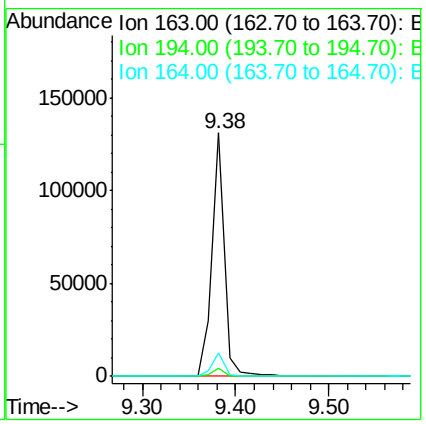


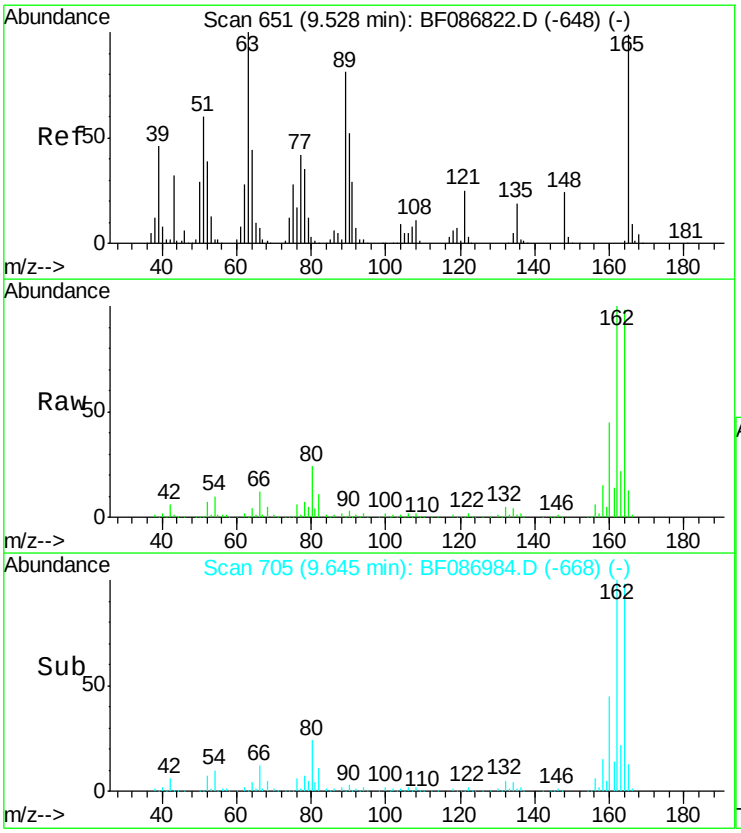
#49
Dimethylphthalate
Concen: 5.44 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.09 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-31(0.5-10.0)

Tgt Ion:163 Resp: 121317

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.7	8.2	12.4

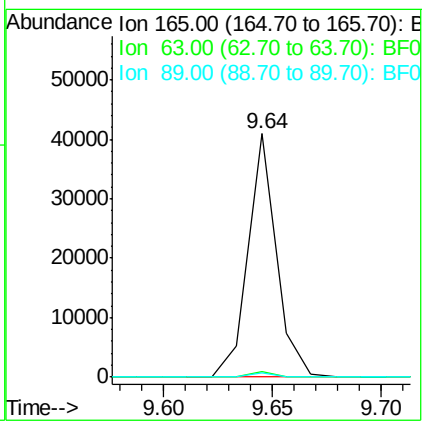


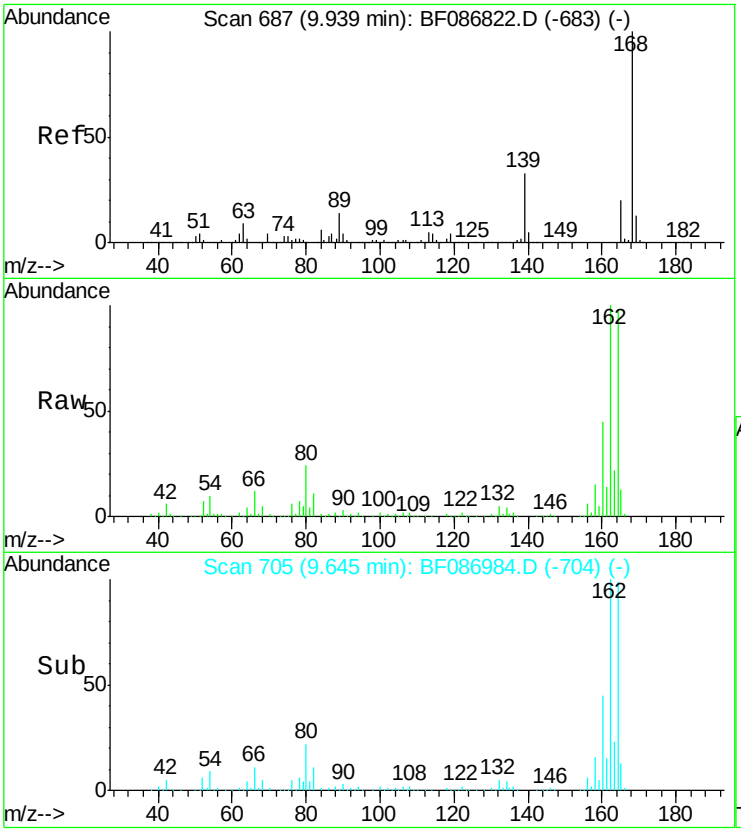


#50
2,6-Dinitrotoluene
Concen: 7.92 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.12 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Tgt Ion:165 Resp: 37185

Ion	Ratio	Lower	Upper
165	100		
63	2.1	51.8	77.8#
89	1.7	50.7	76.1#



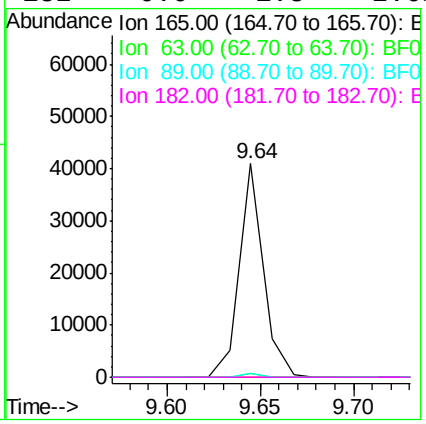


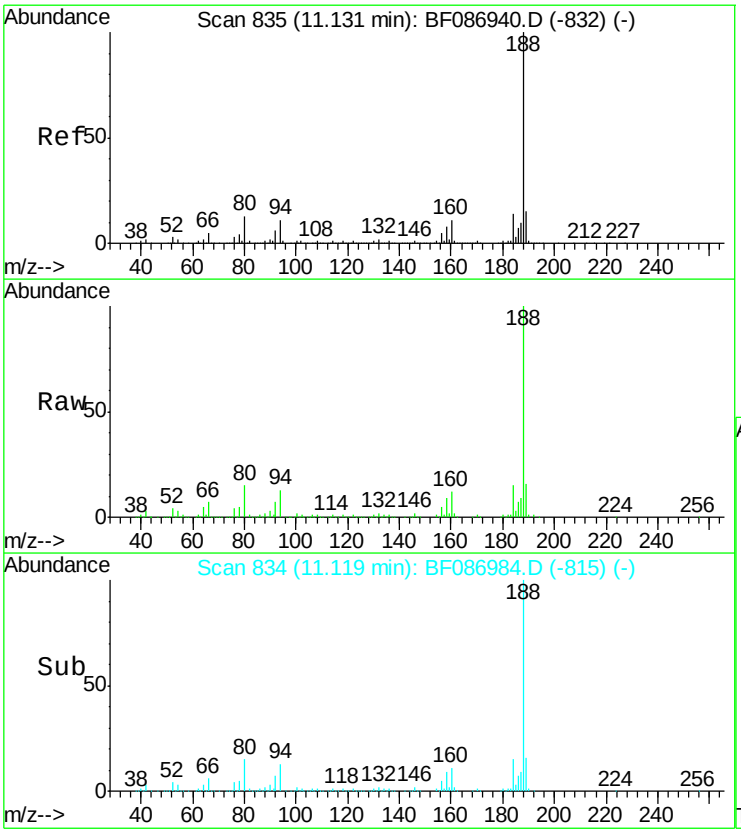
#56
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.29 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-31(0.5-10.0)

Tgt Ion:165 Resp: 37186

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#

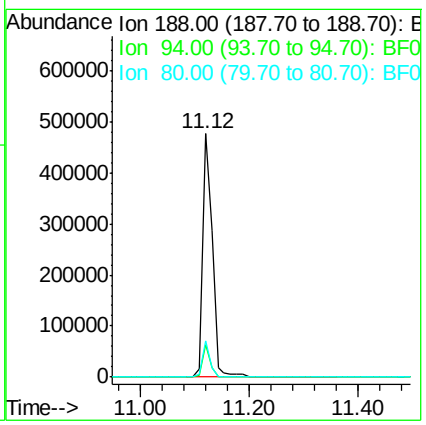


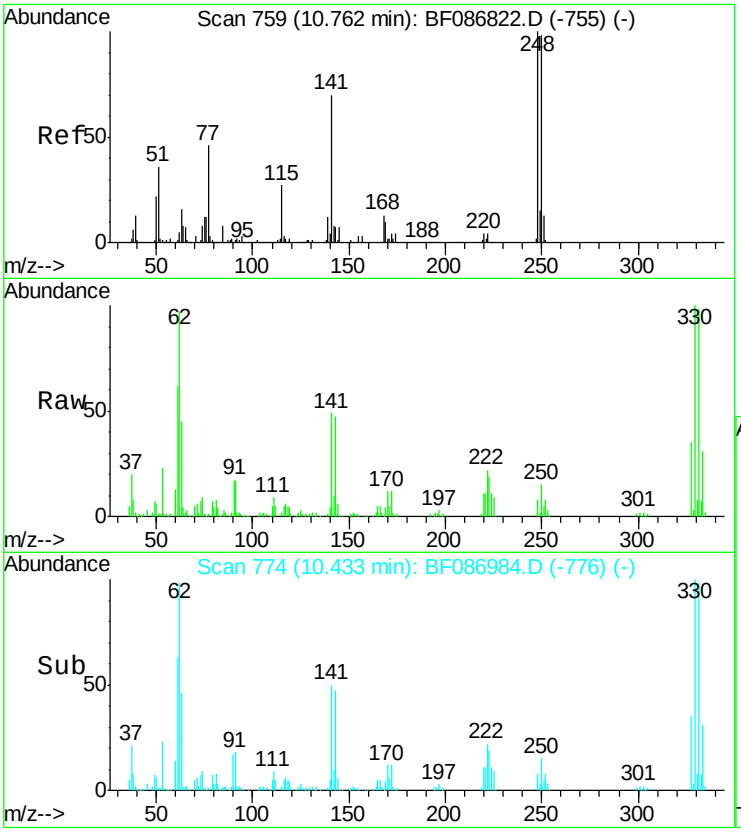


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Tgt Ion:188 Resp: 569295

Ion	Ratio	Lower	Upper
188	100		
94	13.4	6.8	10.2#
80	15.1	7.1	10.7#



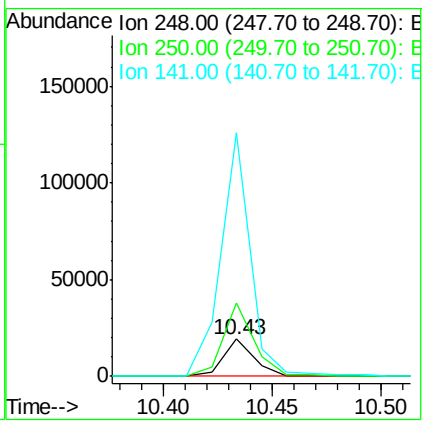


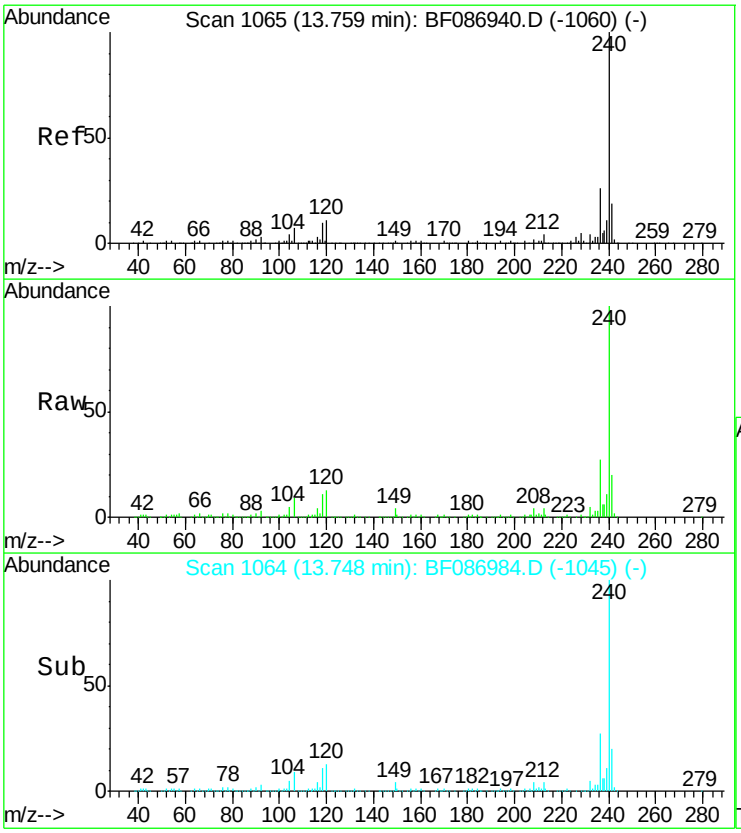
#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.33 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-31(0.5-10.0)

Tgt Ion:248 Resp: 18894

Ion	Ratio	Lower	Upper
248	100		
250	196.8	78.6	117.8#
141	650.6	76.0	114.0#

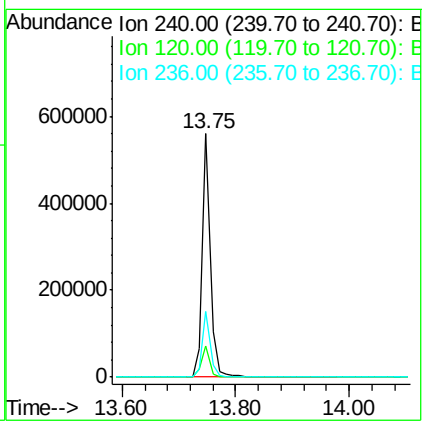


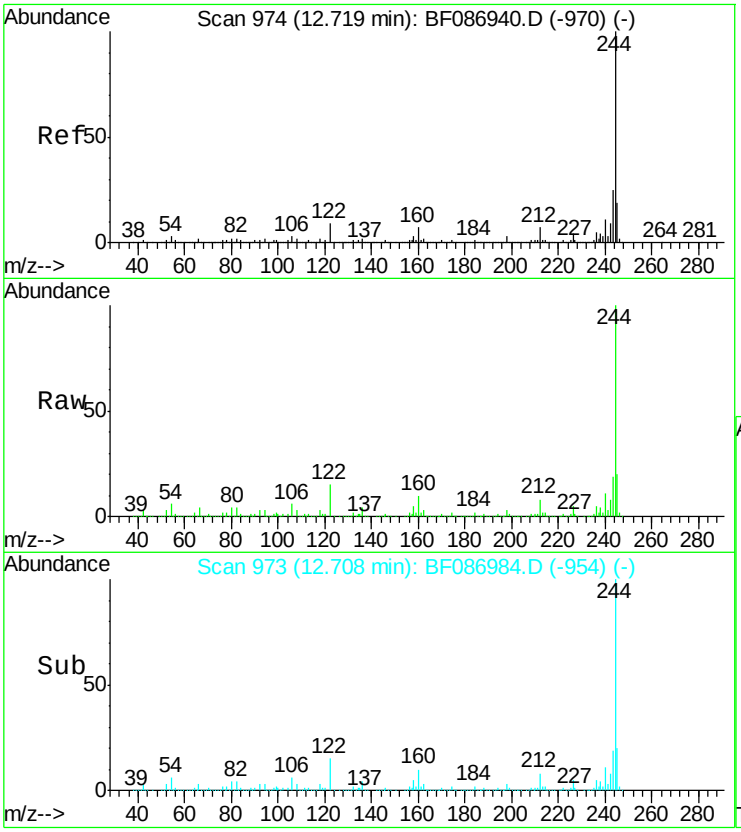


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Tgt Ion:240 Resp: 527306

Ion	Ratio	Lower	Upper
240	100		
120	12.6	11.2	16.8
236	26.8	21.2	31.8



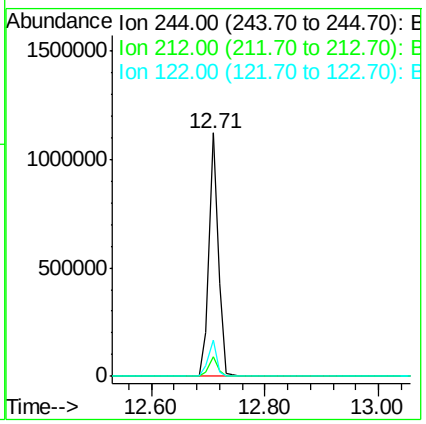


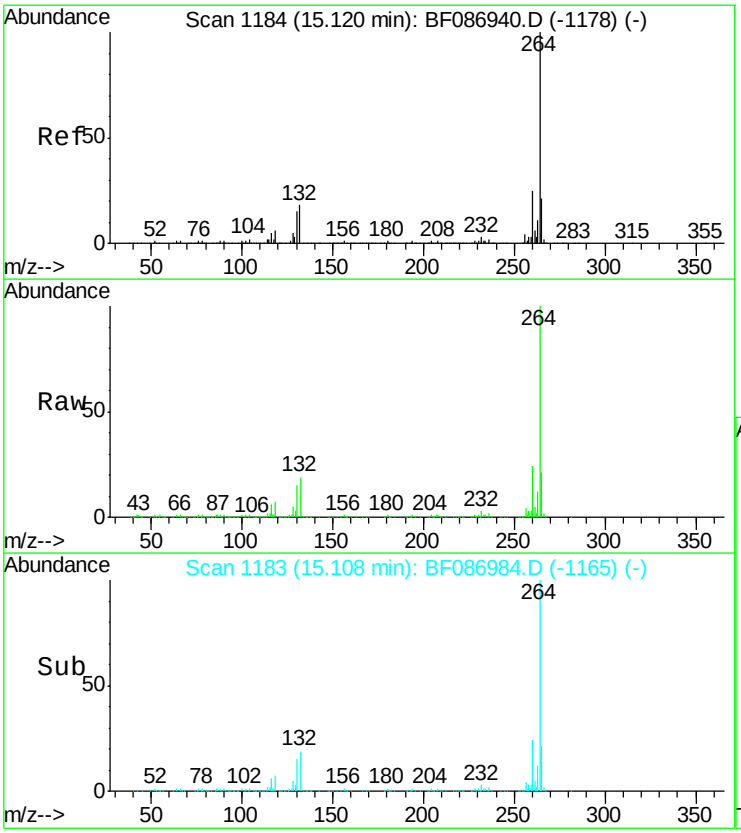
#78
Terphenyl-d14
Concen: 49.66 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Instrument :
BNA_F
ClientSampleId :
90THAVE-SB-31(0.5-10.0)

Tgt Ion:244 Resp: 1234124

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	15.1	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF086984.D
Acq: 13 May 2016 21:51

Tgt Ion:264 Resp: 403829

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	17.3	25.9