Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087059.D
Acq On : 15 May 2016 10:09
Operator : UM/SJ
Sample : H3053-04
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-20

Quant Time: May 16 04:55:49 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	6.62	152	131576	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	546237	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	261833	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	459248	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	317473	20.00	ng	-0.09
86) Perylene-d12	15.11	264	301941	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	514144	66.18	ng	-0.08
7) Phenol-d6	6.28	99	404927	39.00	ng	-0.08
23) Nitrobenzene-d5	7.19	82	1007360	92.60	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	349787	126.19	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1616576	103.76	ng	-0.08
78) Terphenyl-d14	12.71	244	1218148	81.41	ng	-0.09
Target Compounds						Qvalue
9) Benzaldehyde	6.39	77	26856	4.47	ng	# 76
15) Benzyl Alcohol	6.76	79	17139	2.39	ng	# 42
19) n-Nitroso-di-n-propylamine	7.19	70	145821	20.09	ng	# 73
25) Isophorone	7.19	82	990825	49.09	ng	# 68
35) Caprolactam	8.33	113	31882	12.71	ng	# 67
50) 2,6-Dinitrotoluene	9.64	165	34090	8.11	ng	# 21
56) 2,4-Dinitrotoluene	9.64	165	34355	6.60	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	20719	4.45	ng	# 1
76) Benzidine	12.71	184	19004	2.35	ng	98

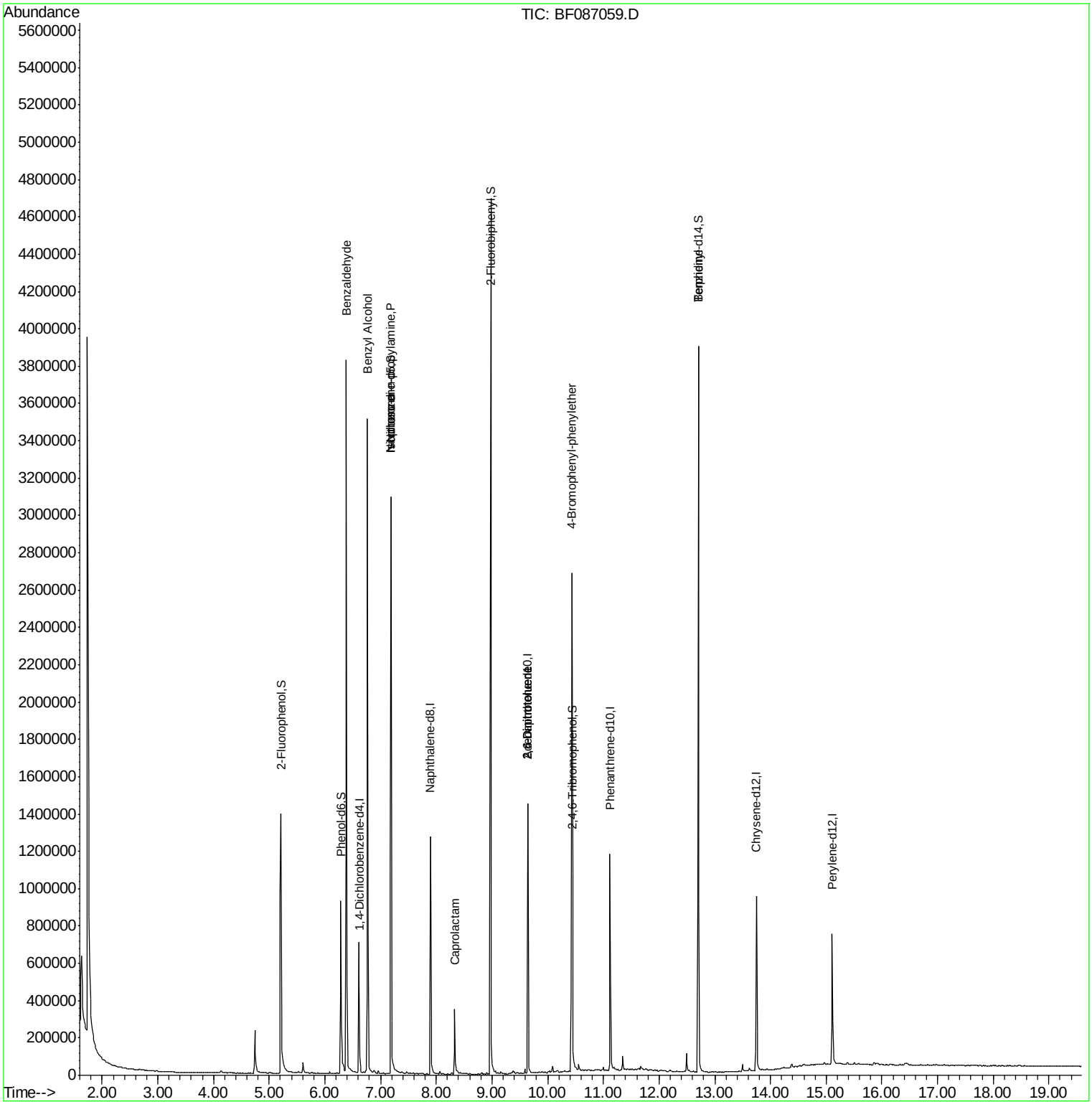
(#) = qualifier out of range (m) = manual integration (+) = signals summed

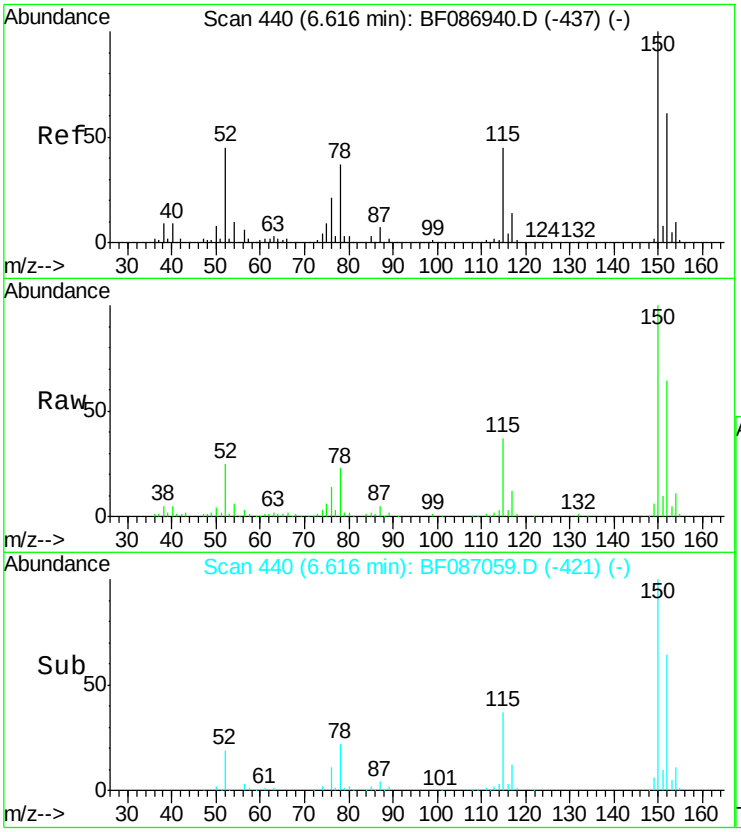
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087059.D
Acq On : 15 May 2016 10:09
Operator : UM/SJ
Sample : H3053-04
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-20

Quant Time: May 16 04:55:49 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



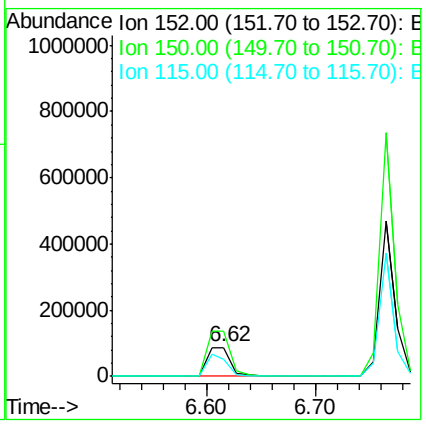


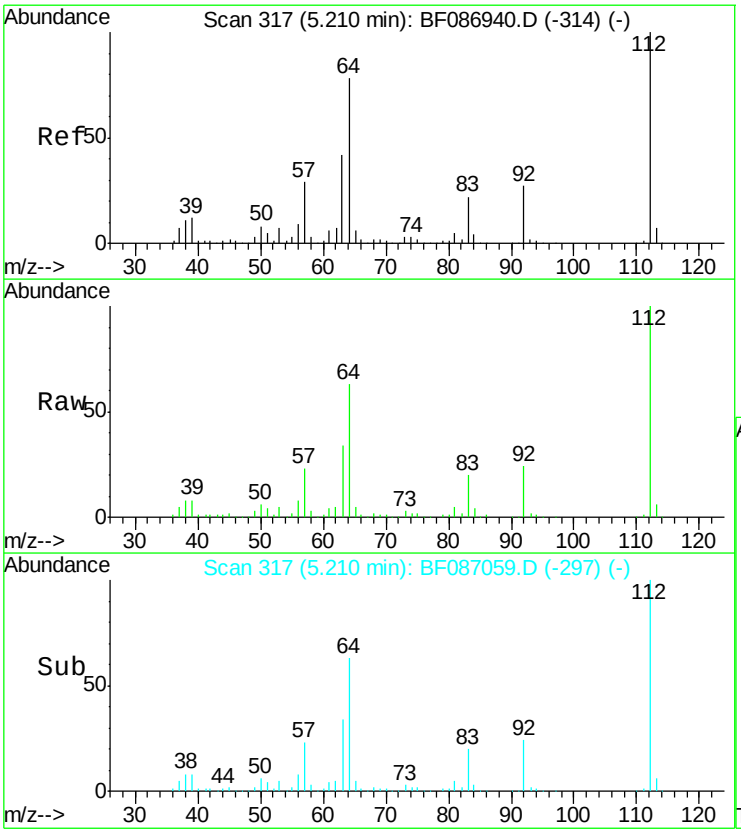
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:152 Resp: 131576

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.8	188.6
115	57.6	51.5	77.3

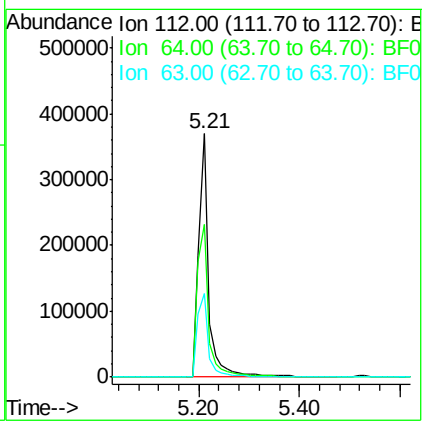


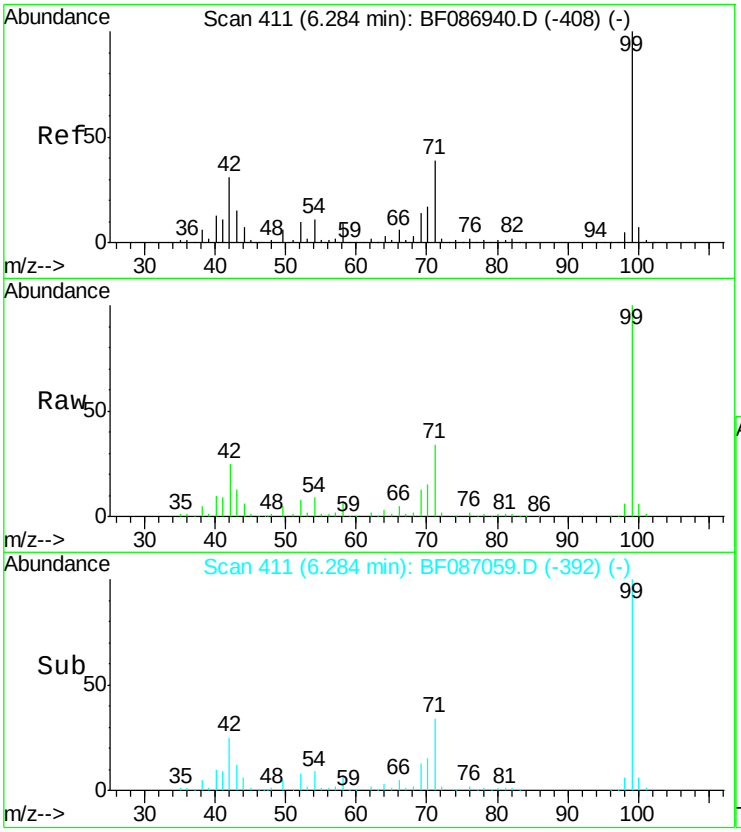


#5
2-Fluorophenol
Concen: 66.18 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.08 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Tgt Ion:112 Resp: 514144

Ion	Ratio	Lower	Upper
112	100		
64	62.7	52.1	78.1
63	34.2	25.7	38.5



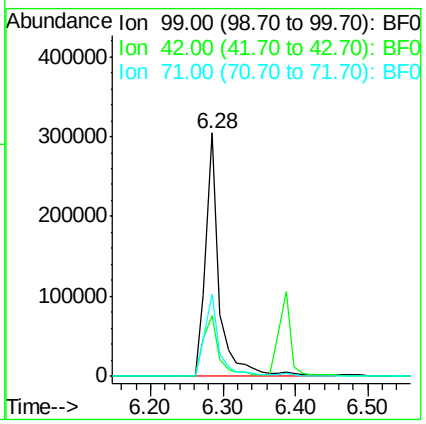


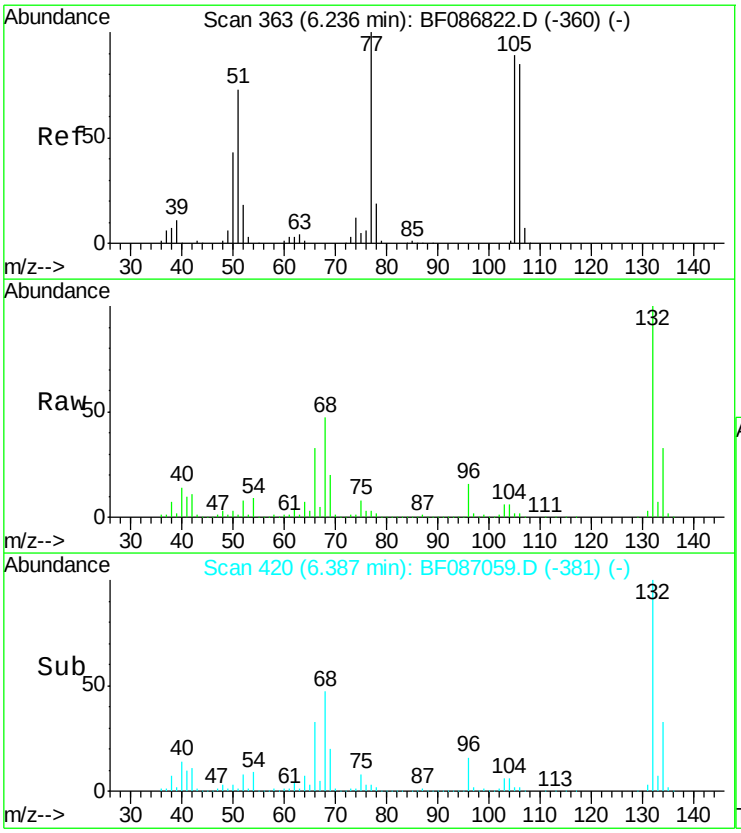
#7
Phenol-d6
Concen: 39.00 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.08 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion: 99 Resp: 404927

Ion	Ratio	Lower	Upper
99	100		
42	25.0	13.6	20.4#
71	34.0	24.6	36.8

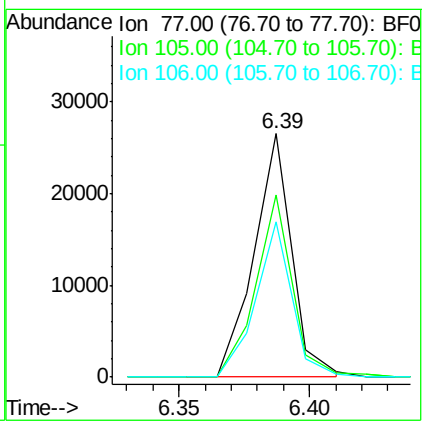


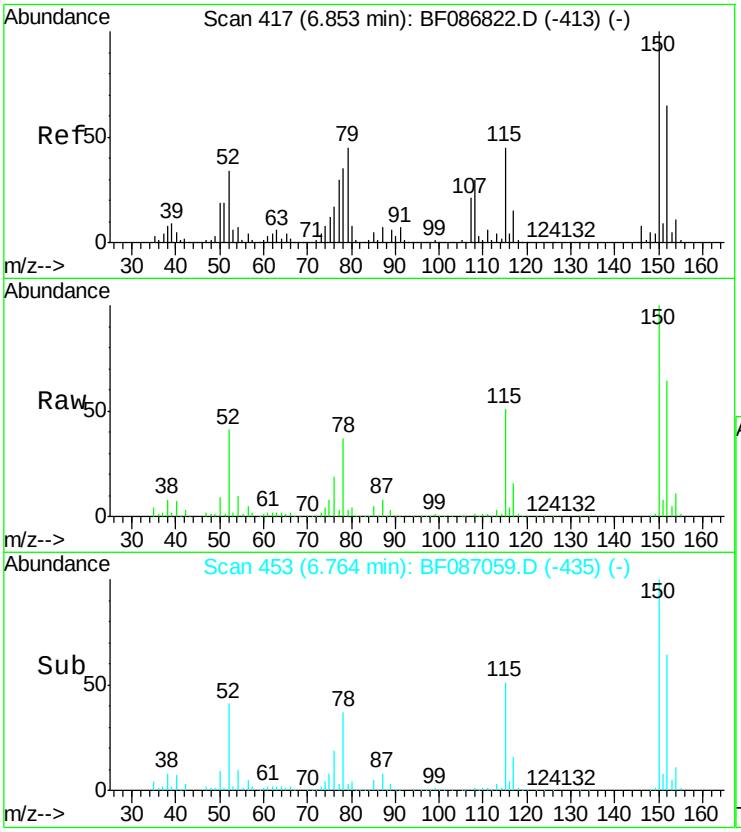


#9
Benzaldehyde
Concen: 4.47 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.15 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Tgt Ion: 77 Resp: 26856

Ion	Ratio	Lower	Upper
77	100		
105	74.7	72.7	112.7
106	63.7	70.8	110.8#



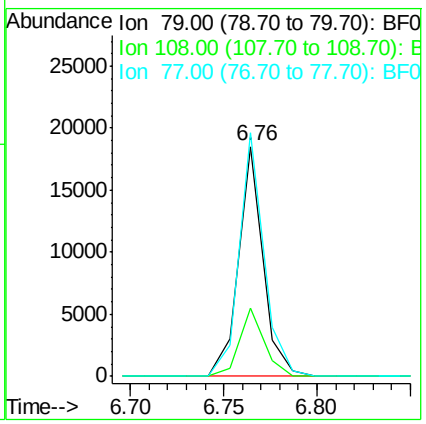


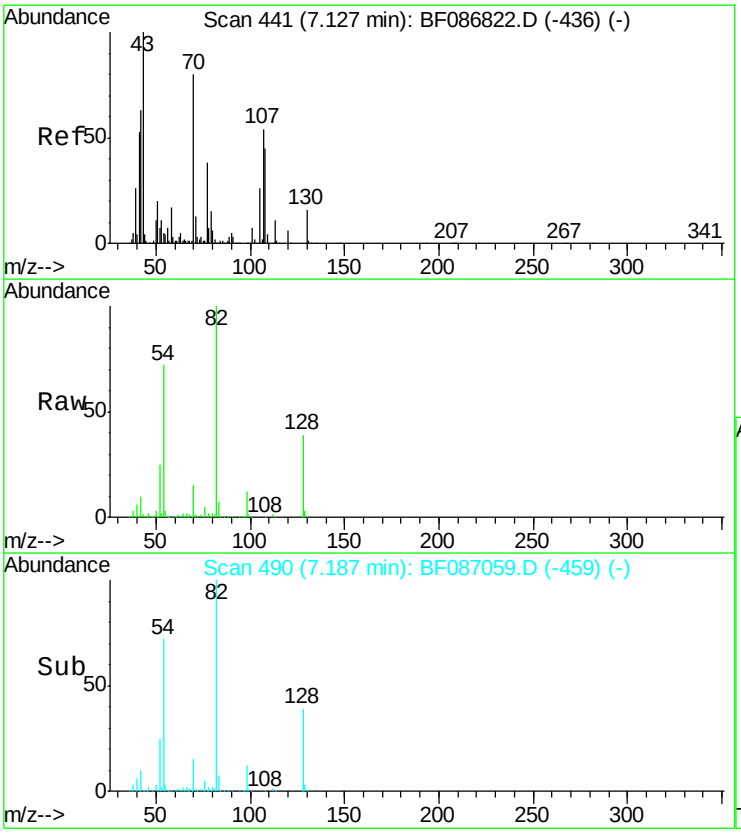
#15
Benzyl Alcohol
Concen: 2.39 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.09 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion: 79 Resp: 17139

Ion	Ratio	Lower	Upper
79	100		
108	29.6	68.4	102.6#
77	105.8	50.6	76.0#

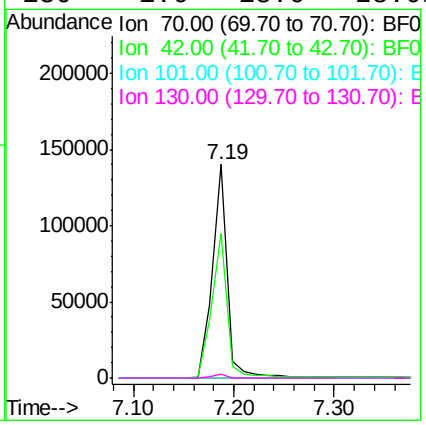


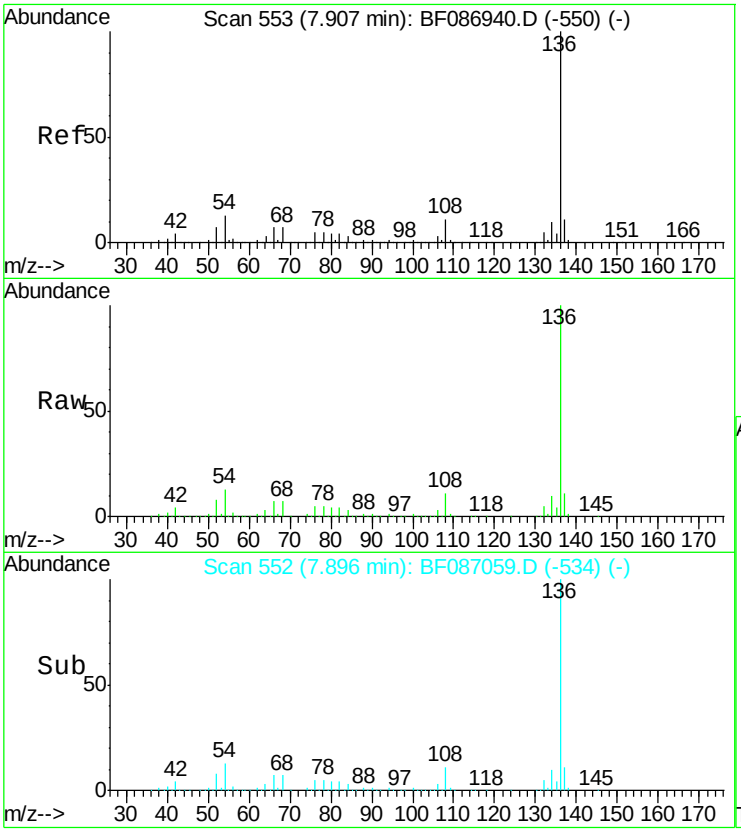


#19
n-Nitroso-di-n-propylamine
Concen: 20.09 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Tgt Ion: 70 Resp: 145821

Ion	Ratio	Lower	Upper
70	100		
42	67.7	43.1	64.7#
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#



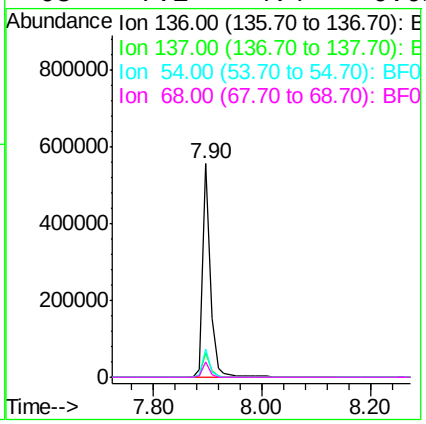


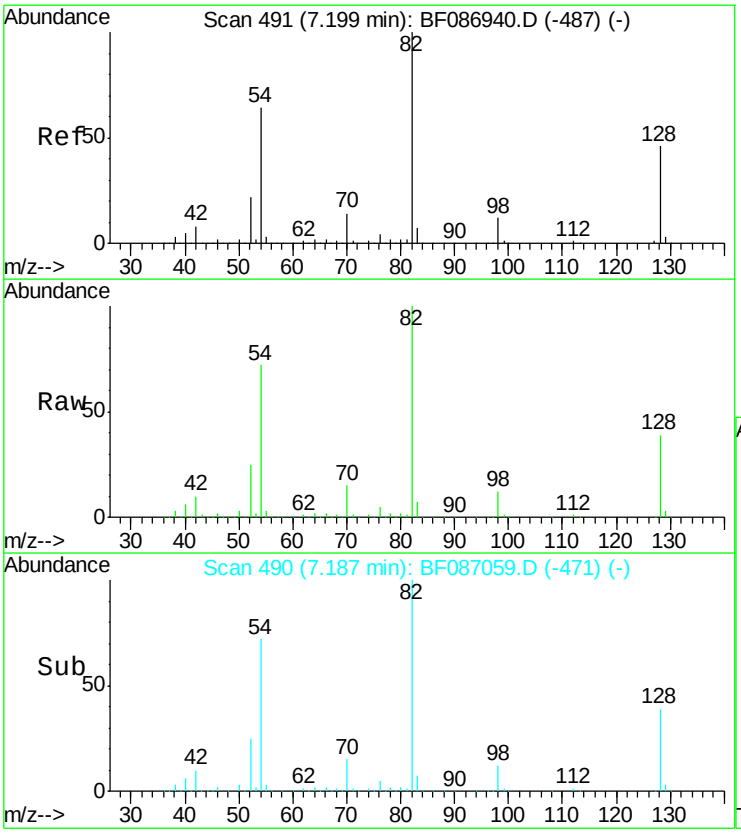
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:136 Resp: 546237

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.4	5.0	7.4#
68	7.1	4.4	6.6#

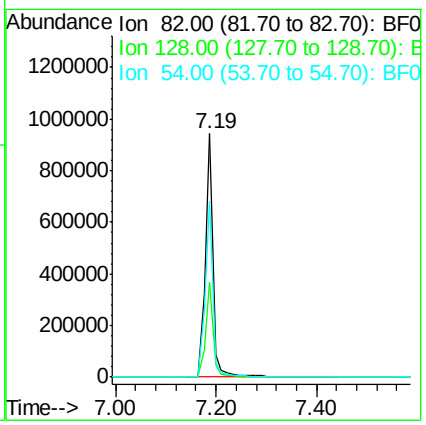


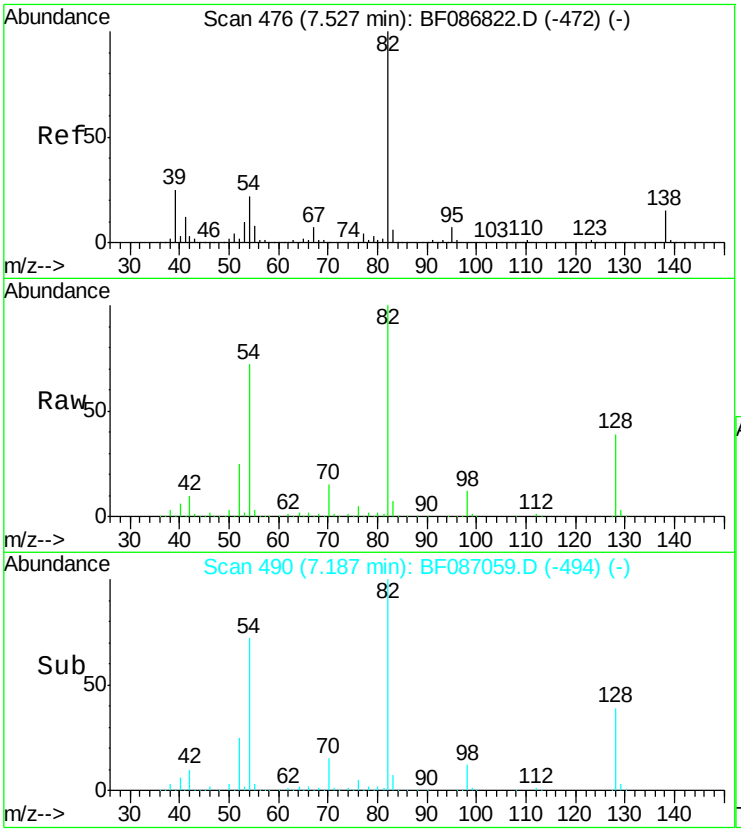


#23
Nitrobenzene-d5
Concen: 92.60 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Tgt Ion: 82 Resp: 1007360

Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	72.0	38.1	57.1#



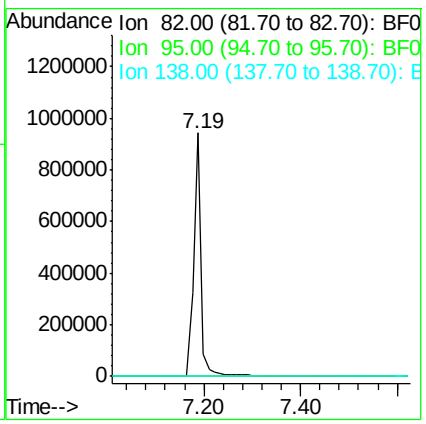


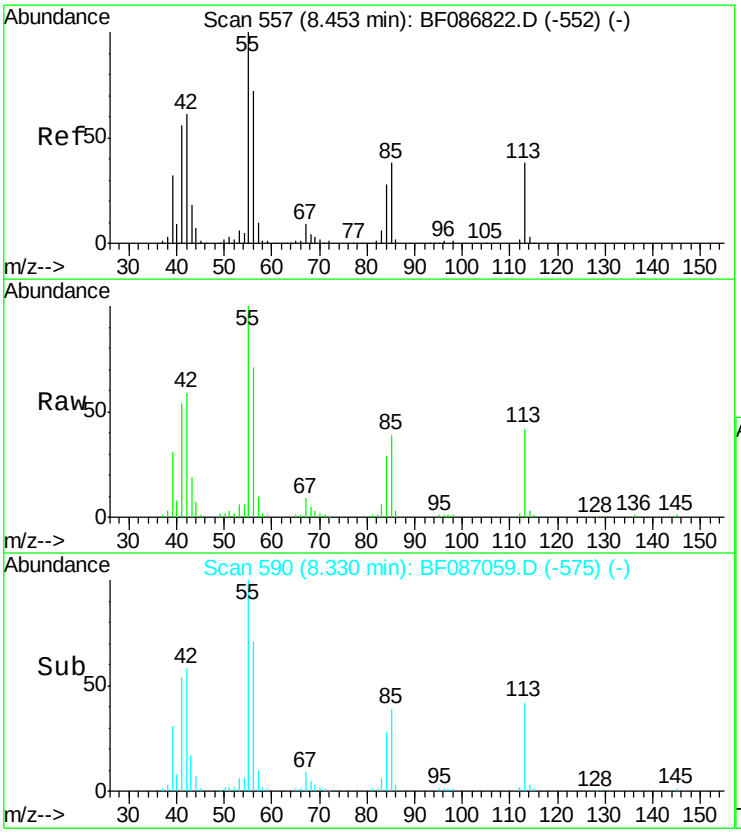
#25
Isophorone
Concen: 49.09 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion: 82 Resp: 990825

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

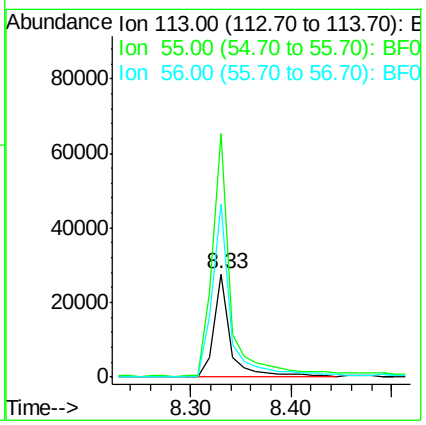


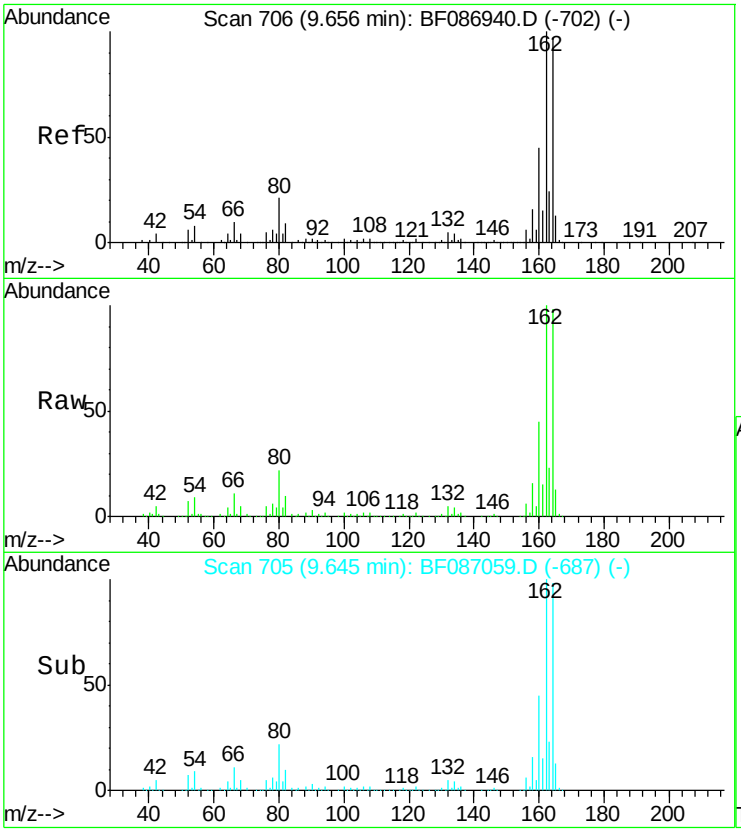


#35
Caprolactam
Concen: 12.71 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.12 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Tgt Ion:113 Resp: 31882

Ion	Ratio	Lower	Upper
113	100		
55	235.7	162.0	202.0#
56	168.3	115.3	155.3#



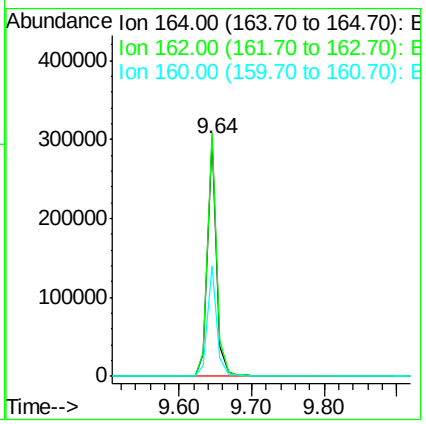


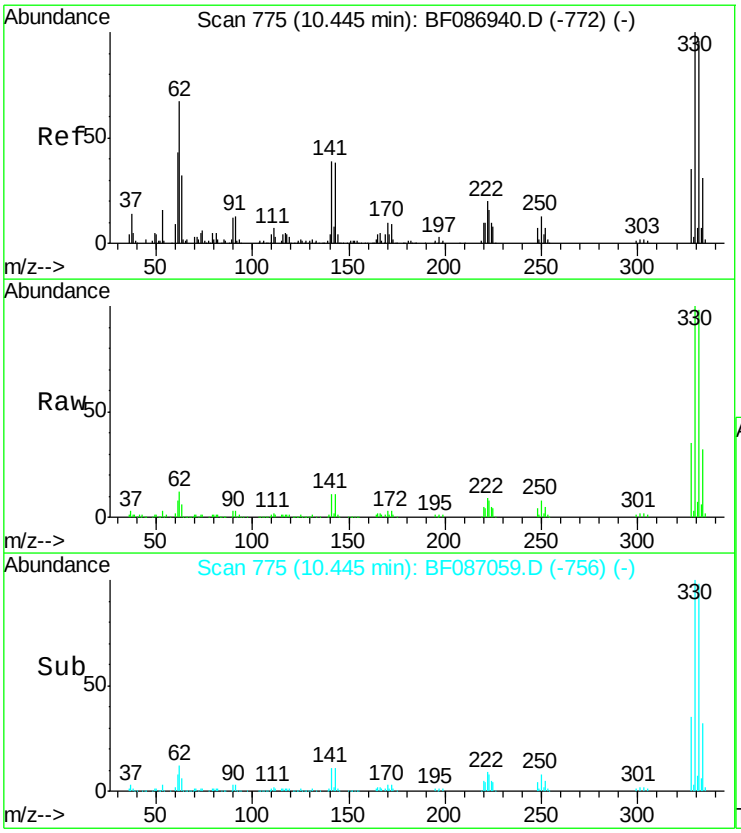
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:164 Resp: 261833

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	46.5	36.9	55.3

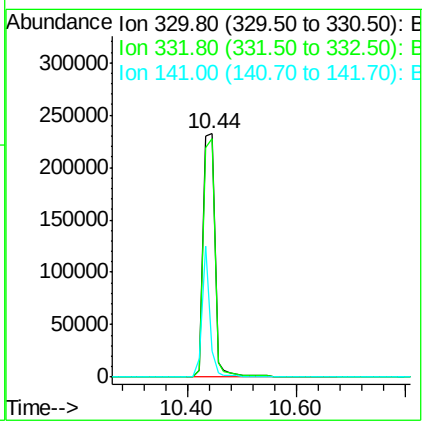


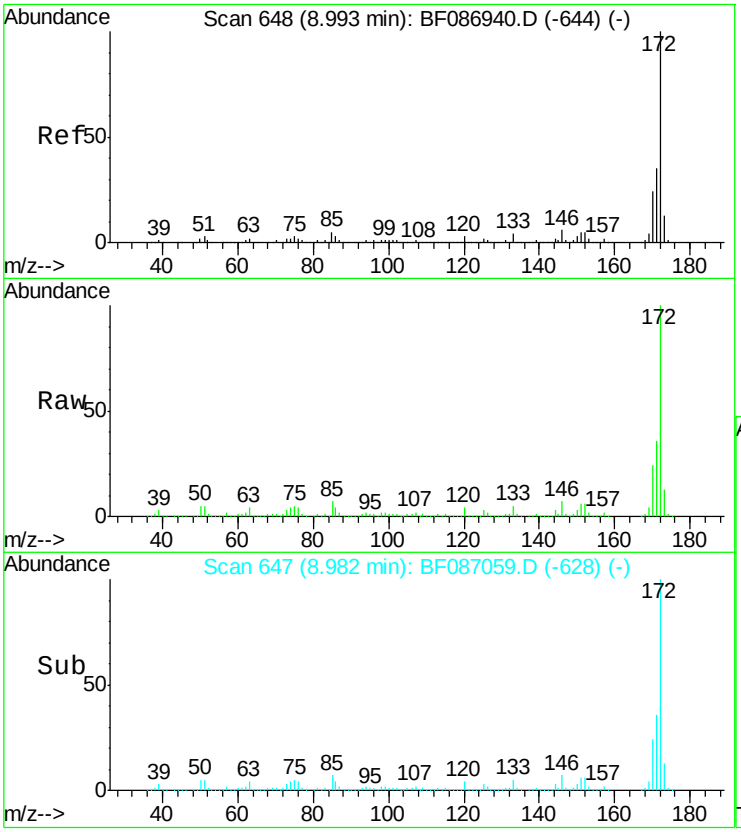


#41
2,4,6-Tribromophenol
Concen: 126.19 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Tgt Ion:330 Resp: 349787

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	35.4	31.2	46.8



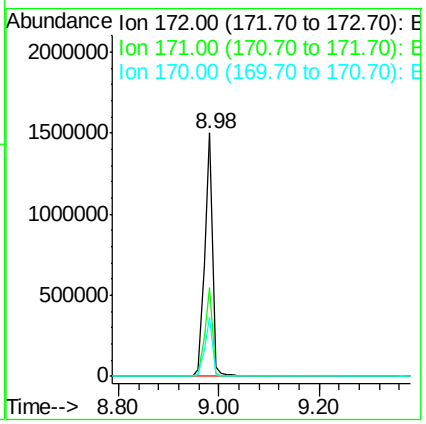


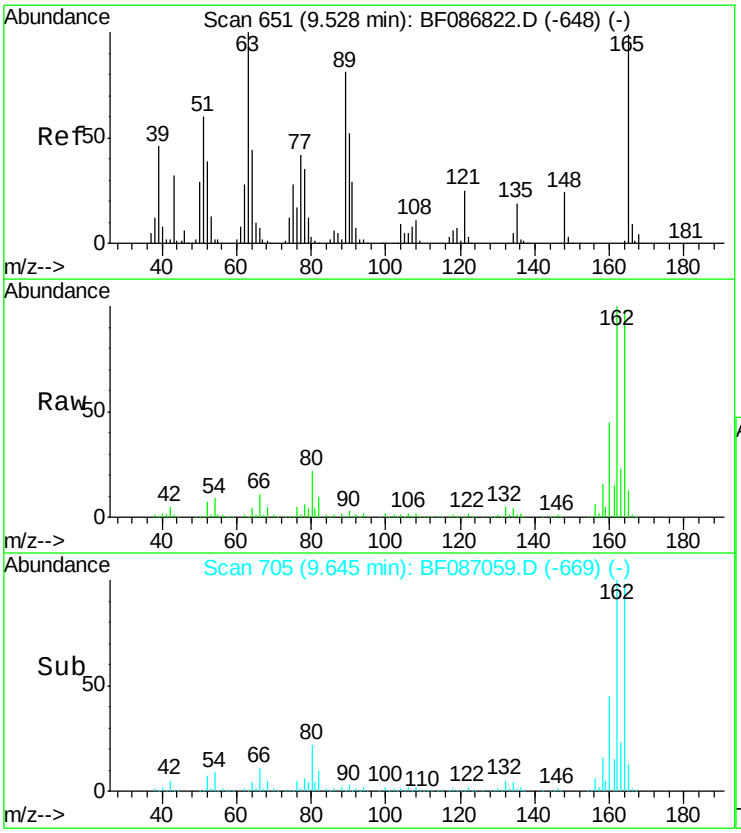
#44
2-Fluorobiphenyl
Concen: 103.76 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.08 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:172 Resp: 1616576

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.5	19.8	29.8

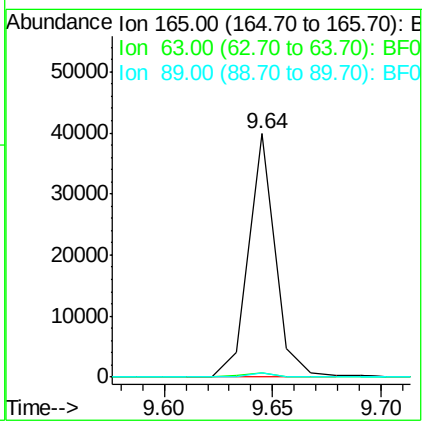


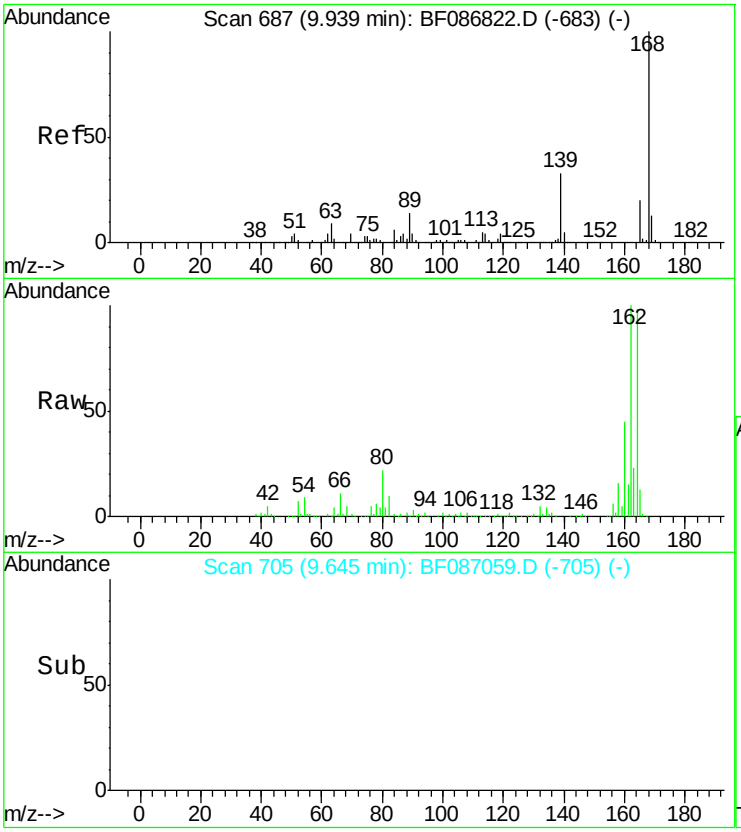


#50
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.12 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Tgt Ion:165 Resp: 34090

Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	2.0	50.7	76.1#



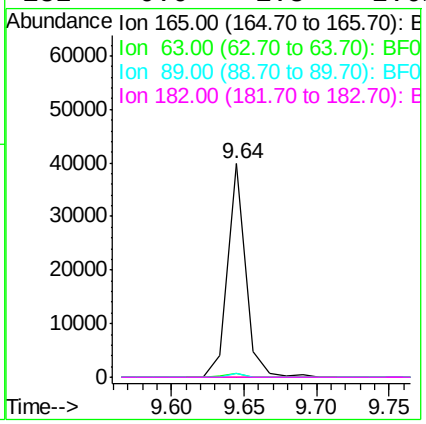


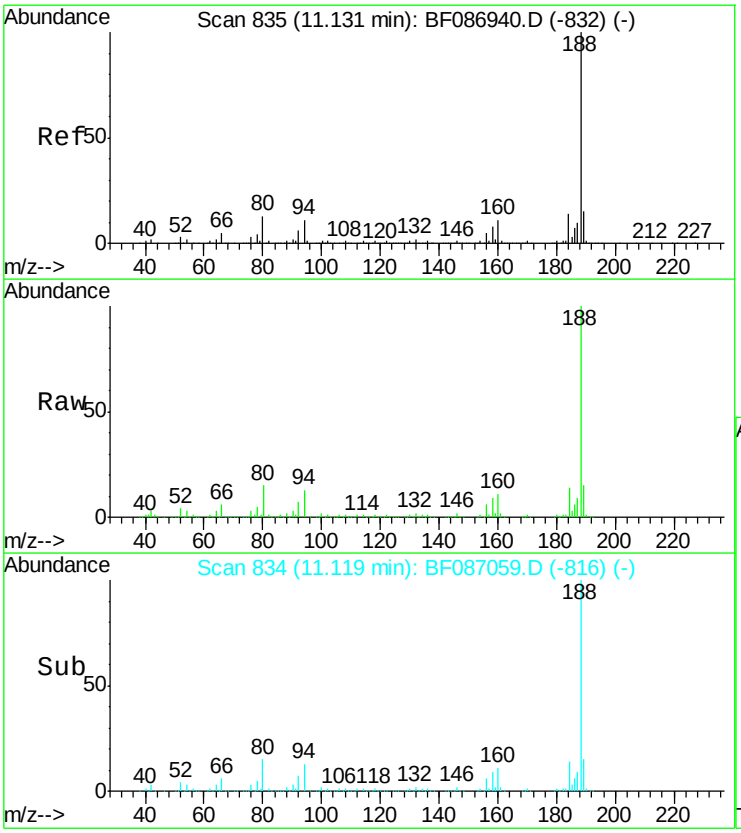
#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.29 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:165 Resp: 34355

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#

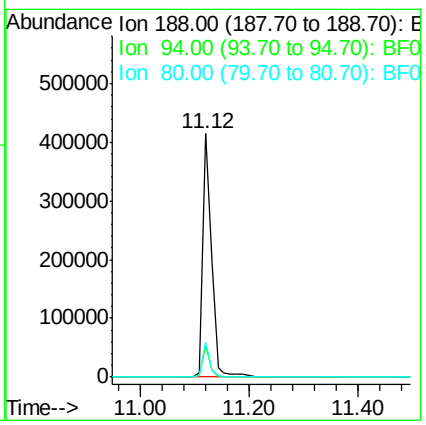


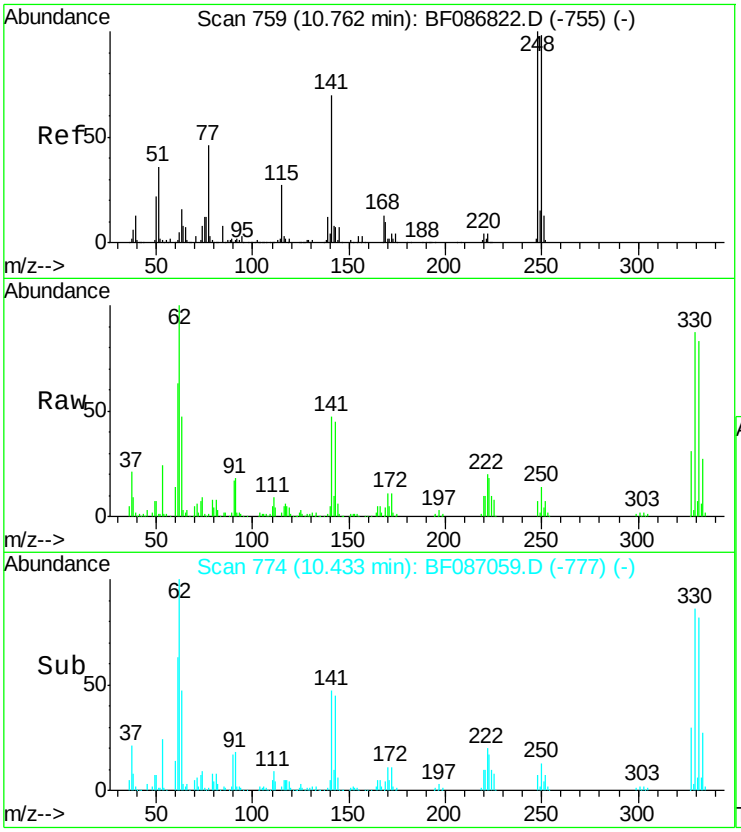


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Tgt Ion:188 Resp: 459248

Ion	Ratio	Lower	Upper
188	100		
94	13.1	6.8	10.2#
80	14.6	7.1	10.7#



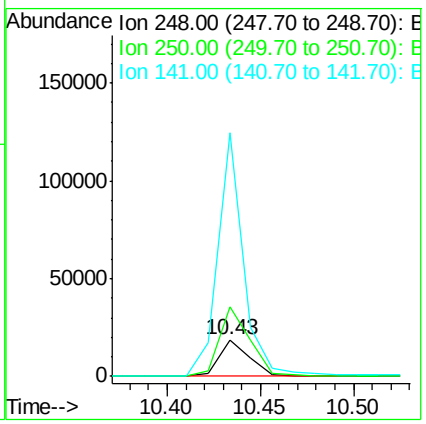


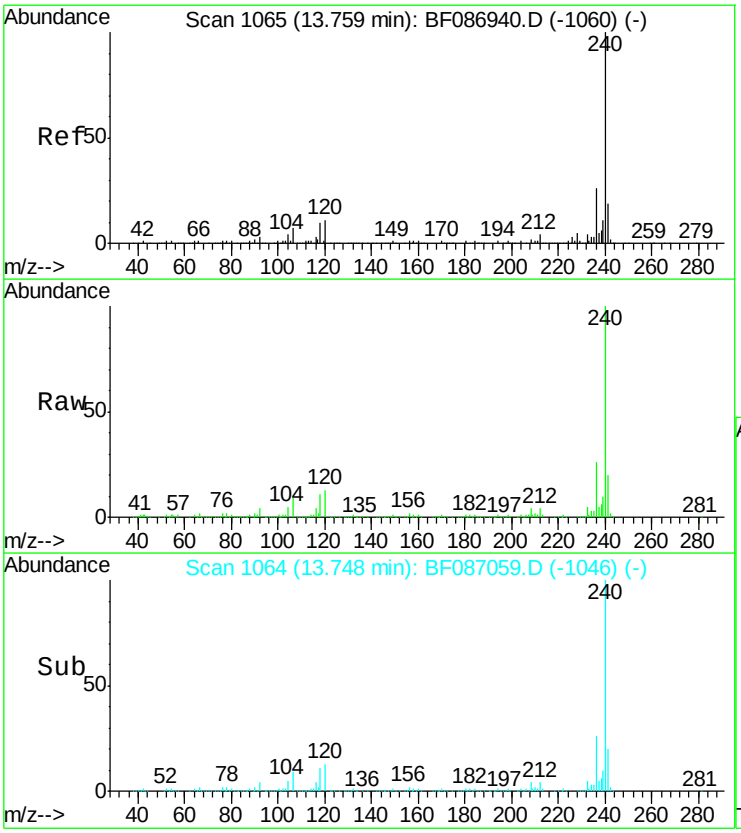
#66
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.33 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:248 Resp: 20719

Ion	Ratio	Lower	Upper
248	100		
250	191.8	78.6	117.8#
141	668.4	76.0	114.0#

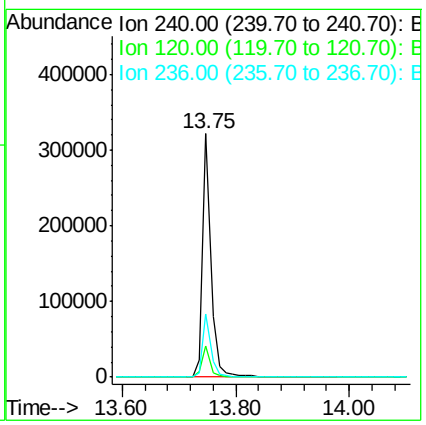


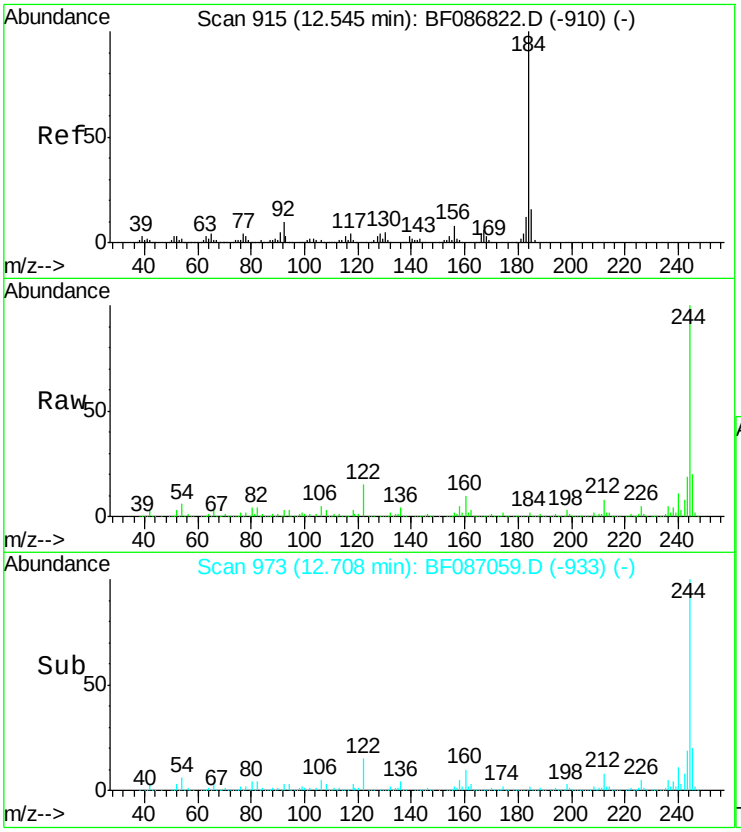


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Tgt Ion:240 Resp: 317473

Ion	Ratio	Lower	Upper
240	100		
120	12.9	11.2	16.8
236	26.1	21.2	31.8



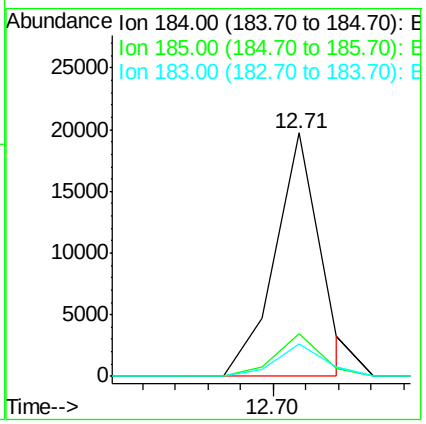


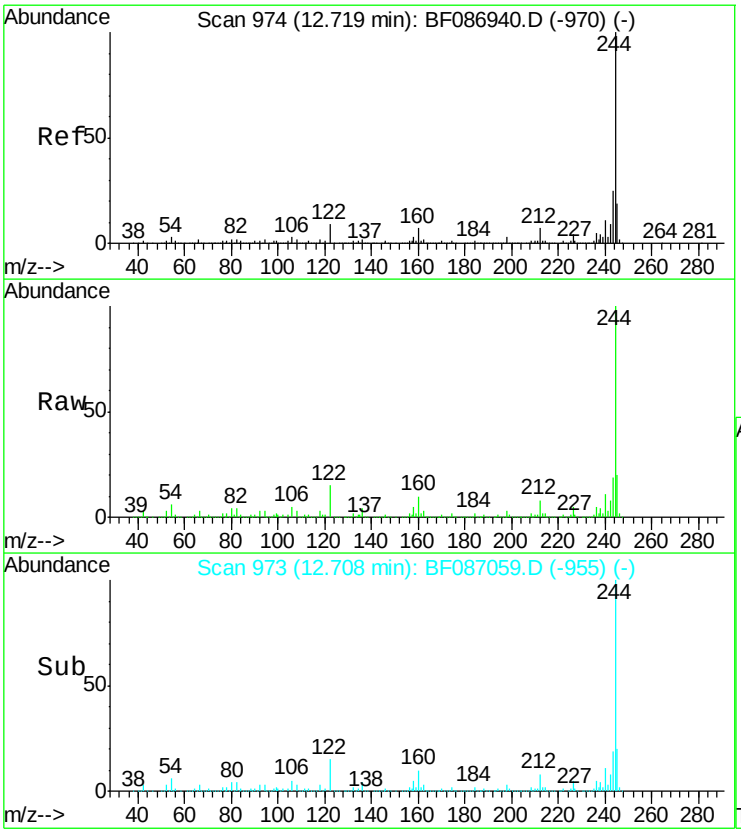
#76
Benzidine
Concen: 2.35 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.16 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:184 Resp: 19004

Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.6	20.4
183	13.3	9.8	14.6

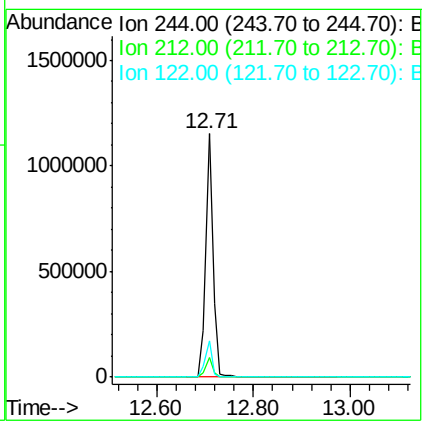


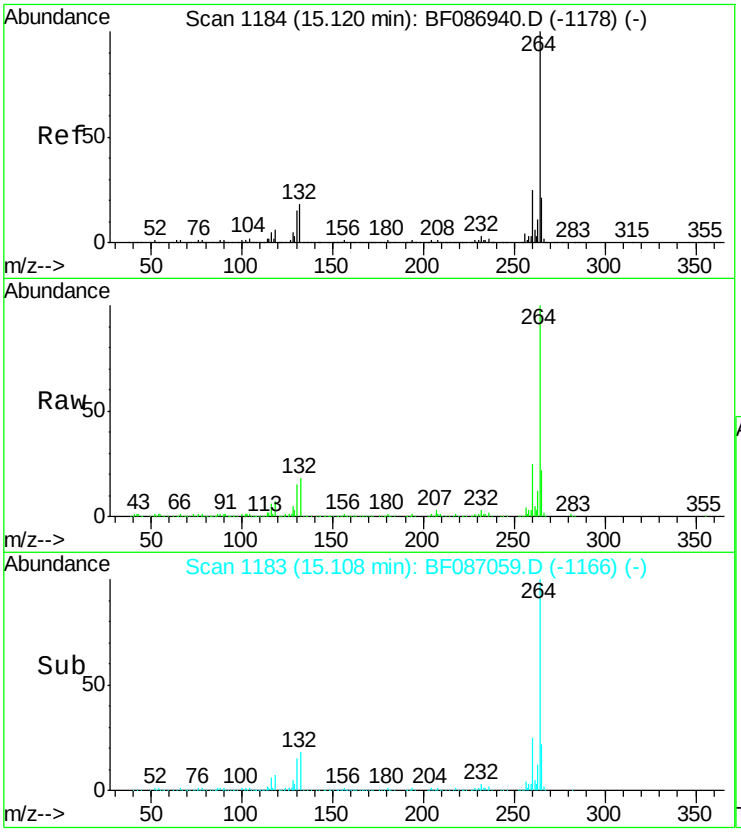


#78
Terphenyl-d14
Concen: 81.41 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF087059.D
Acq: 15 May 2016 10:09

Tgt Ion:244 Resp: 1218148

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	14.7	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: BF087059.D
Acq: 15 May 2016 10:09

Instrument :
BNA_F
ClientSampleId :
W-20

Tgt Ion:264 Resp: 301941

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.9	17.3	25.9