Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093516.D
Acq On : 10 Mar 2017 10:57
Operator : SJ/MA
Sample : I2132-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 10 12:23:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	520255	20.00	ng	0.14
21) Naphthalene-d8	8.04	136	656400	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	302423	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	440222	20.00	ng	0.00
75) Chrysene-d12	13.92	240	349925	20.00	ng	0.00
86) Perylene-d12	15.33	264	347756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	686220	21.95	ng	0.00
7) Phenol-d6	6.44	99	568828	14.43	ng	0.02
23) Nitrobenzene-d5	7.33	82	1016963	85.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	247630	125.68	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1448673	89.10	ng	-0.02
78) Terphenyl-d14	12.86	244	859147	63.83	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	1698	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	164476	6.07	ng	# 83
36) 4-Chloro-3-methylphenol	8.64	107	26314	2.66	ng	# 36
47) 2-Nitroaniline	9.30	65	15531	2.61	ng	# 45
49) Dimethylphthalate	9.52	163	140200	6.99	ng	# 90
50) 2,6-Dinitrotoluene	9.56	165	13123	2.98	ng	# 67
52) 3-Nitroaniline	9.80	138	18642	3.53	ng	# 16
55) 4-Nitrophenol	9.90	139	12688	4.94	ng	# 1
56) 2,4-Dinitrotoluene	9.98	165	13582	2.51	ng	# 69
59) Diethylphthalate	10.22	149	42252	2.20	ng	# 36
60) 4-Chlorophenyl-phenylether	10.32	204	22450	2.87	ng	# 74
61) 4-Nitroaniline	10.30	138	14388	2.66	ng	# 1
62) Azobenzene	10.49	77	71653	3.29	ng	# 61

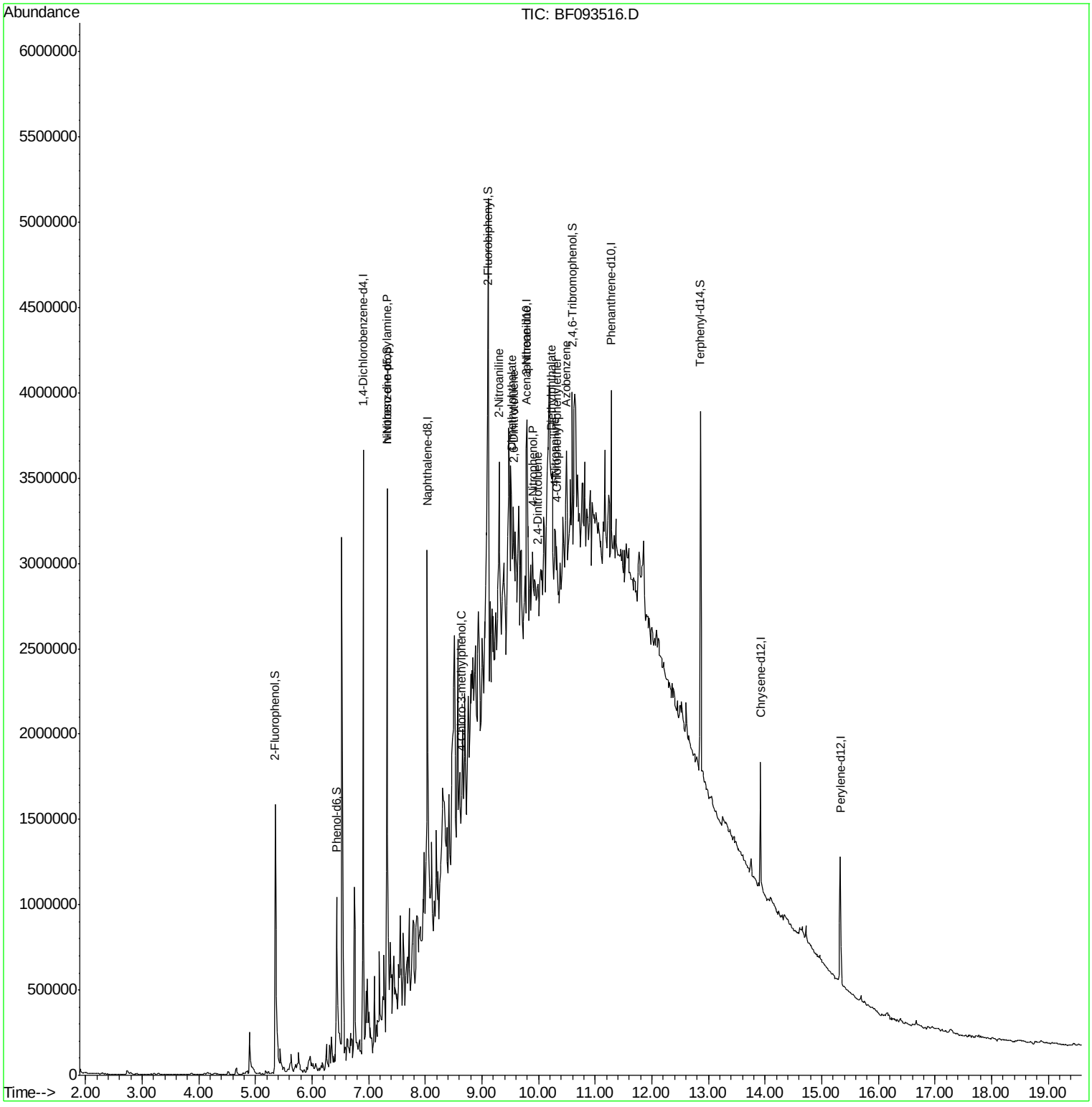
(#) = qualifier out of range (m) = manual integration (+) = signals summed

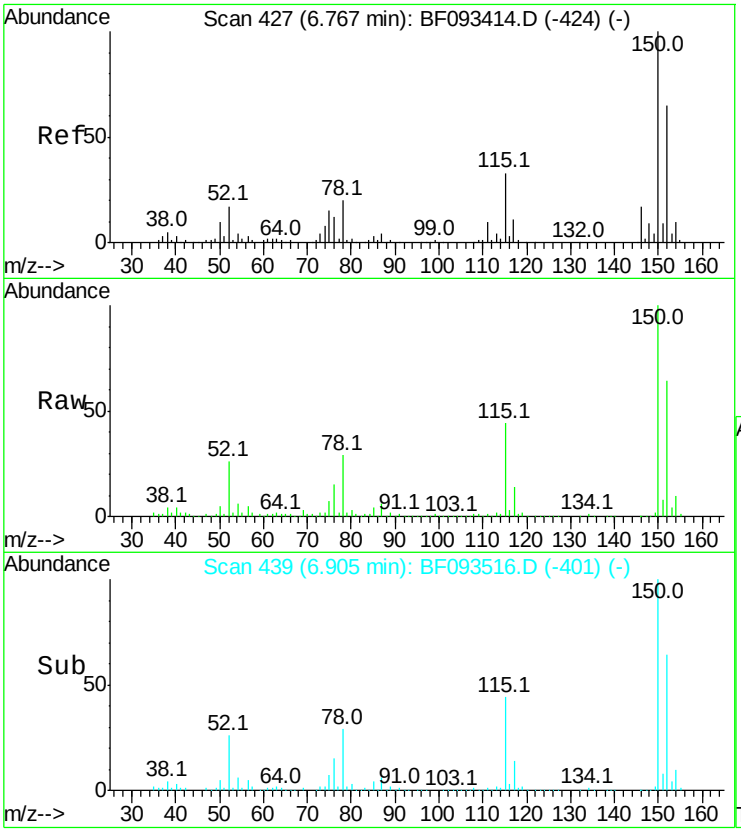
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093516.D
Acq On : 10 Mar 2017 10:57
Operator : SJ/MA
Sample : I2132-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 10 12:23:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration



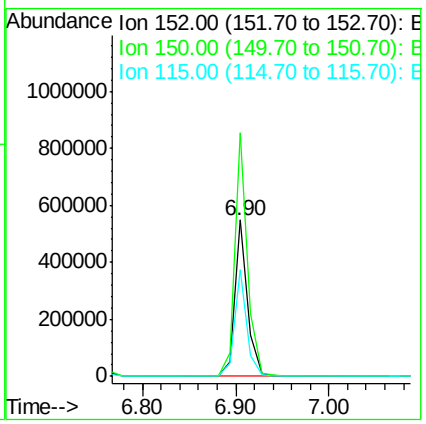


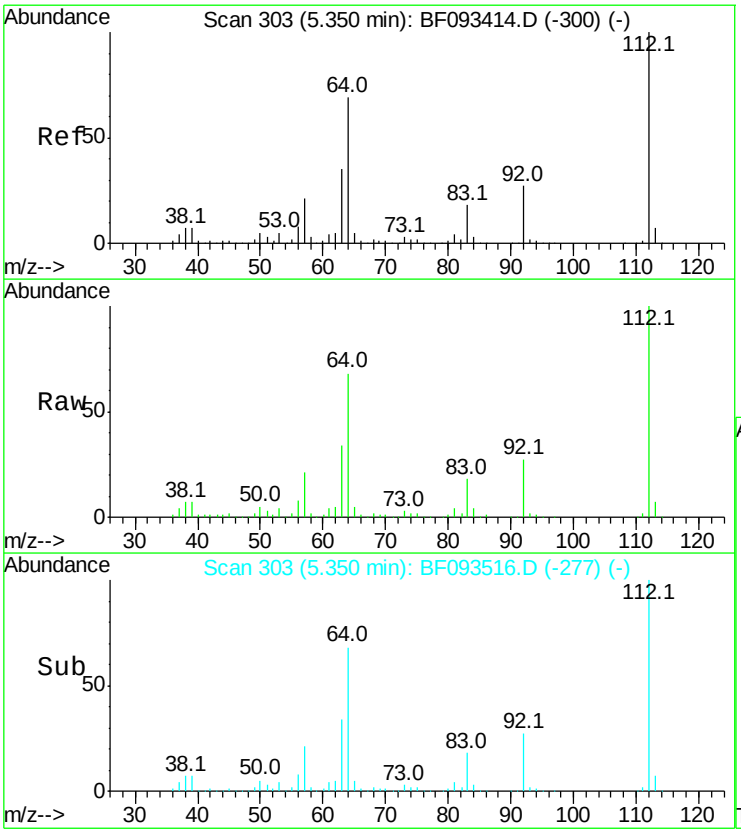
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 439
Delta R.T. 0.14 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 520255

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.9	187.3
115	68.7	46.0	69.0

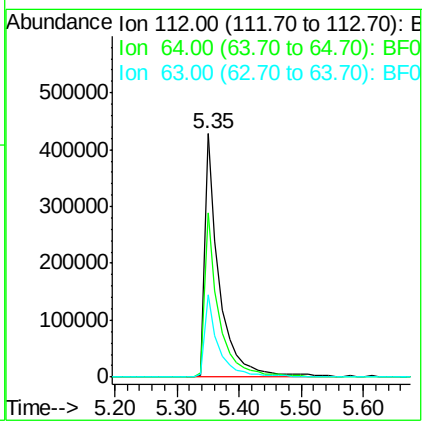


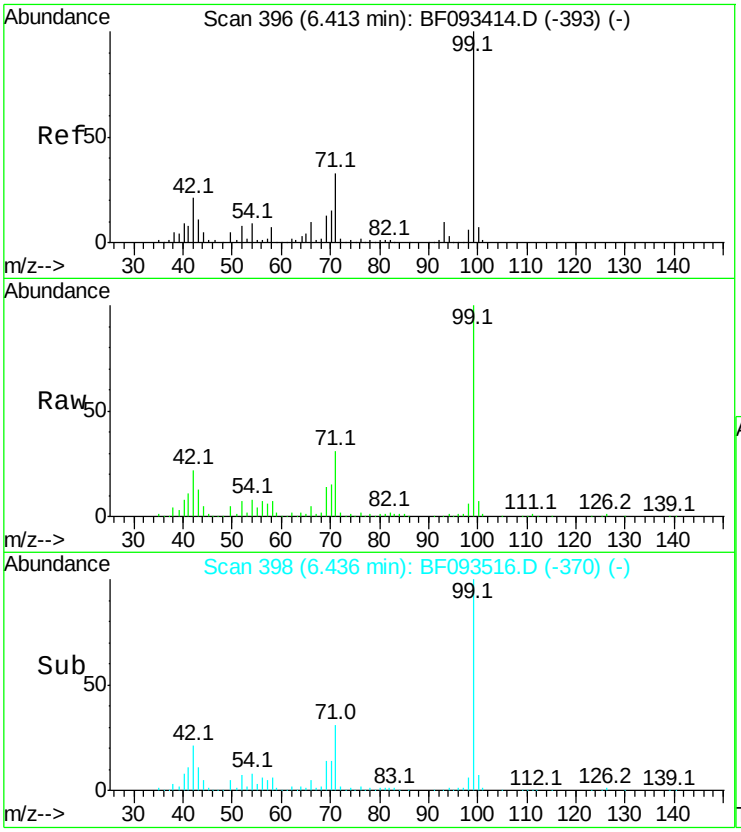


#5
2-Fluorophenol
Concen: 21.95 ng
RT: 5.35 min Scan# 303
Delta R.T. 0.00 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion:112 Resp: 686220

Ion	Ratio	Lower	Upper
112	100		
64	67.5	46.1	69.1
63	34.0	23.8	35.6



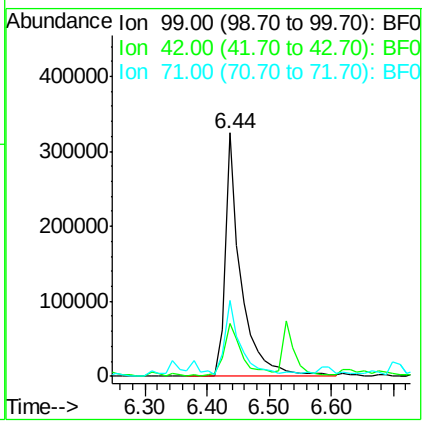


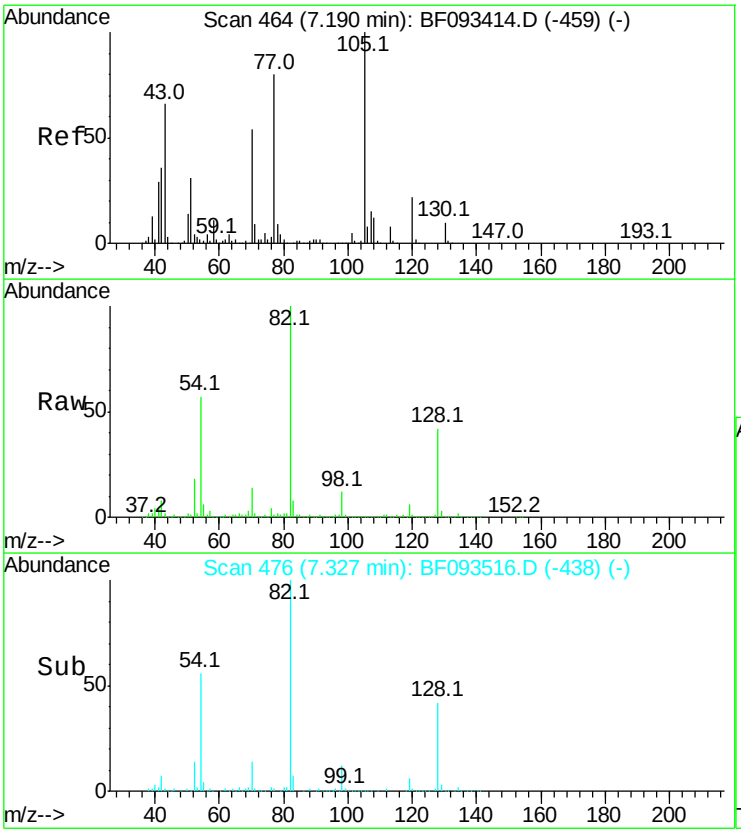
#7
Phenol-d6
Concen: 14.43 ng
RT: 6.44 min Scan# 398
Delta R.T. 0.02 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 568828

Ion	Ratio	Lower	Upper
99	100		
42	21.7	15.6	23.4
71	31.2	27.5	41.3

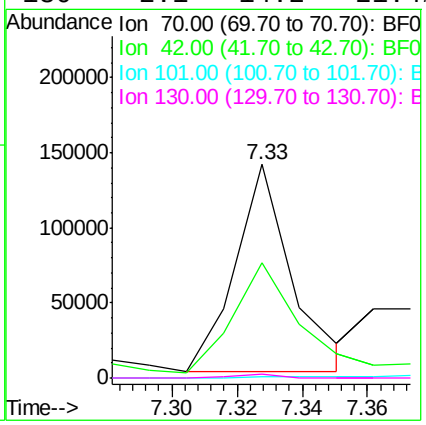


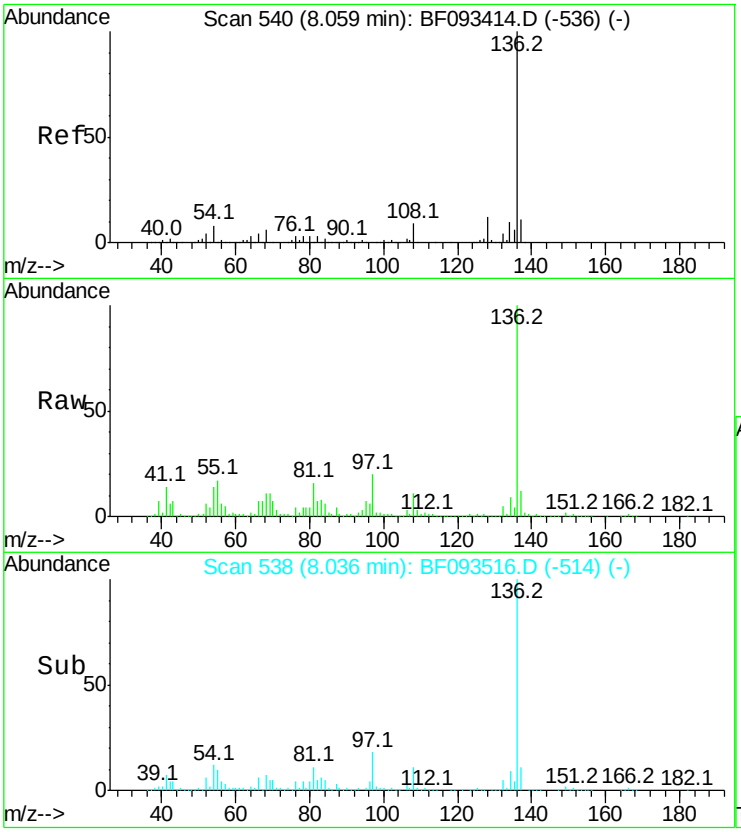


#19
n-Nitroso-di-n-propylamine
Concen: 6.07 ng
RT: 7.33 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion: 70 Resp: 164476

Ion	Ratio	Lower	Upper
70	100		
42	54.0	49.4	74.0
101	0.5	7.4	11.2#
130	2.1	14.2	21.4#



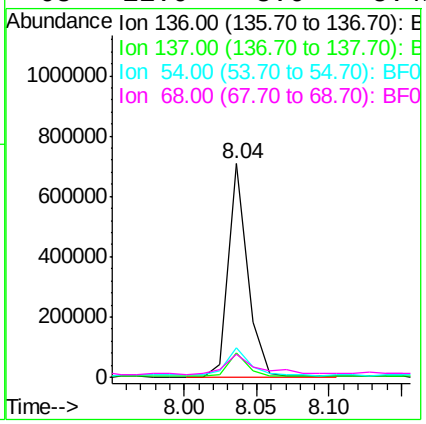


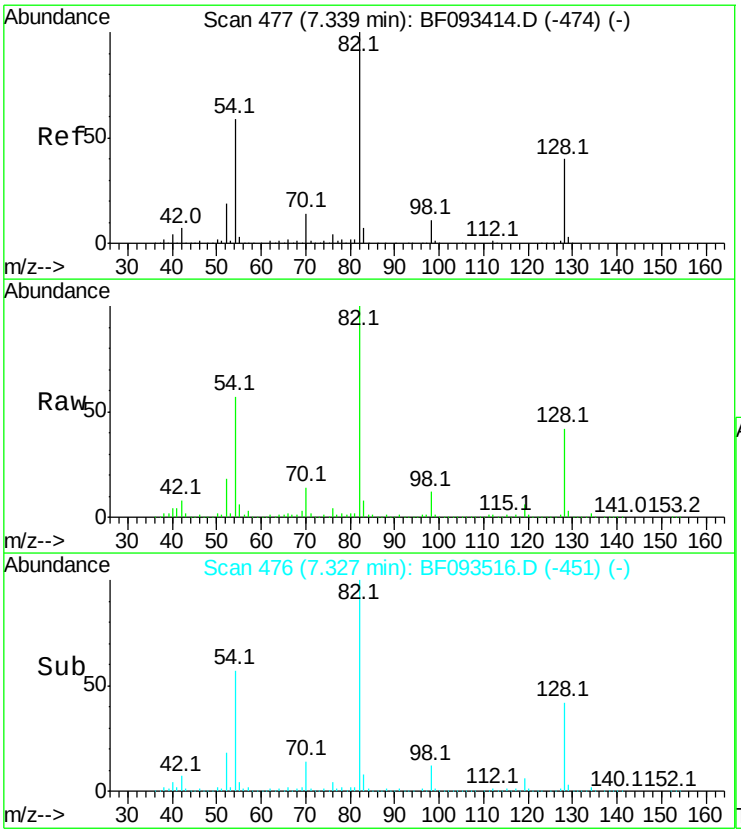
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 656400

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.4	12.6
54	13.6	4.5	6.7#
68	11.0	3.6	5.4#

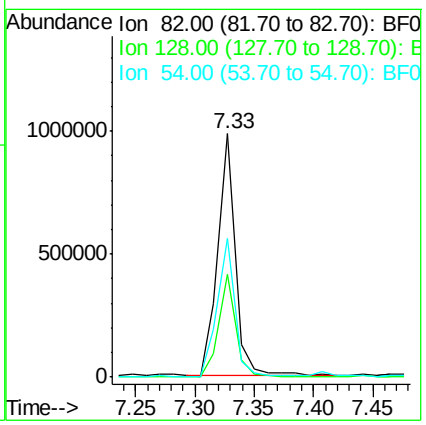


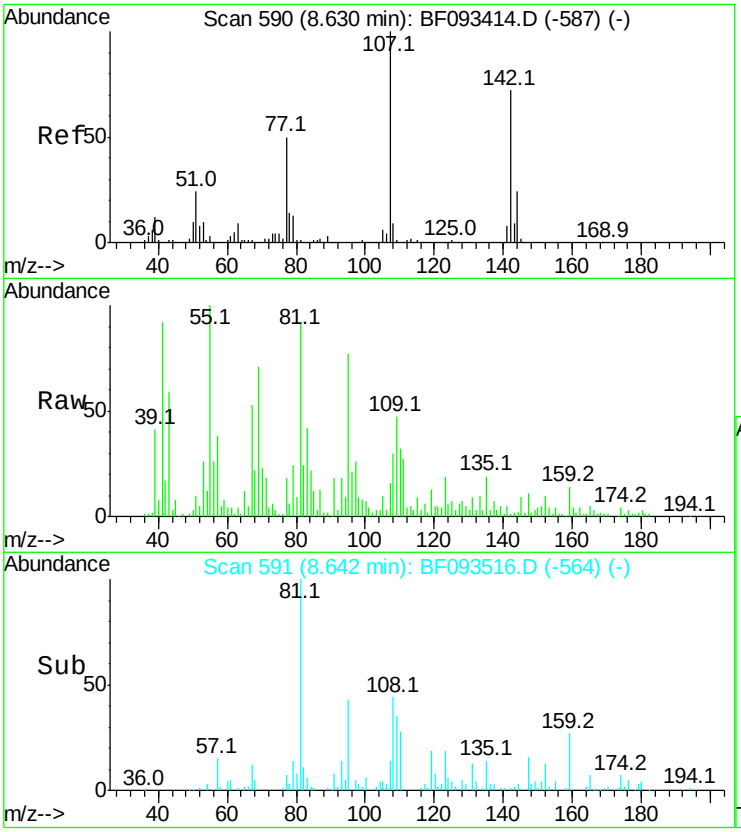


#23
Nitrobenzene-d5
Concen: 85.96 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion: 82 Resp: 1016963

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	56.8	39.5	59.3



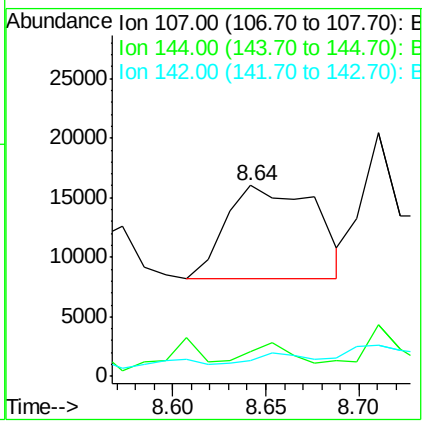


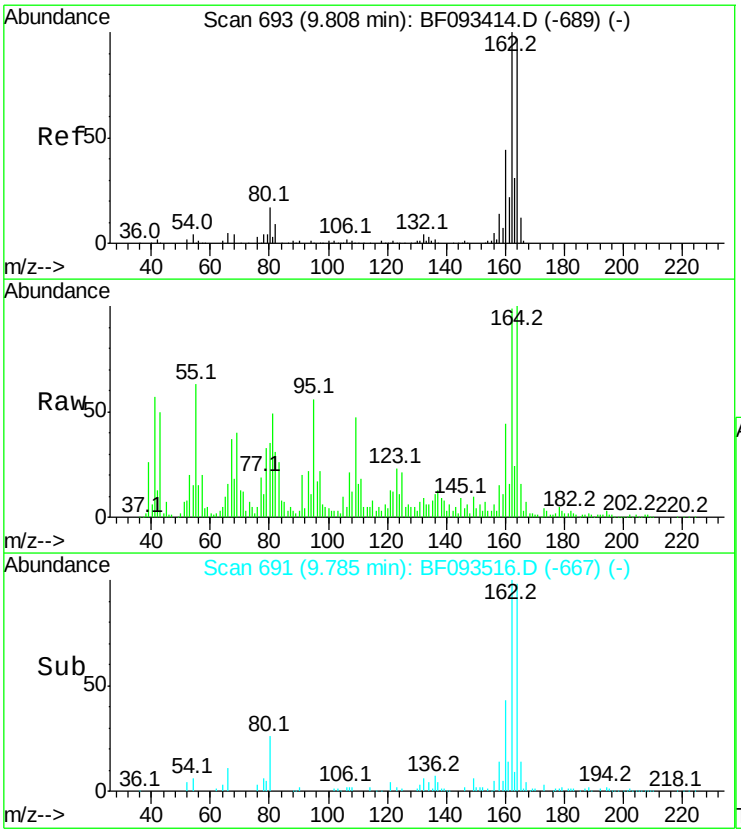
#36
4-Chloro-3-methylphenol
Concen: 2.66 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 26314

Ion	Ratio	Lower	Upper
107	100		
144	12.9	19.3	28.9#
142	8.5	59.0	88.6#

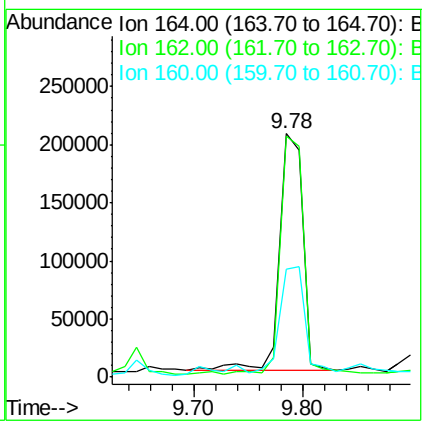


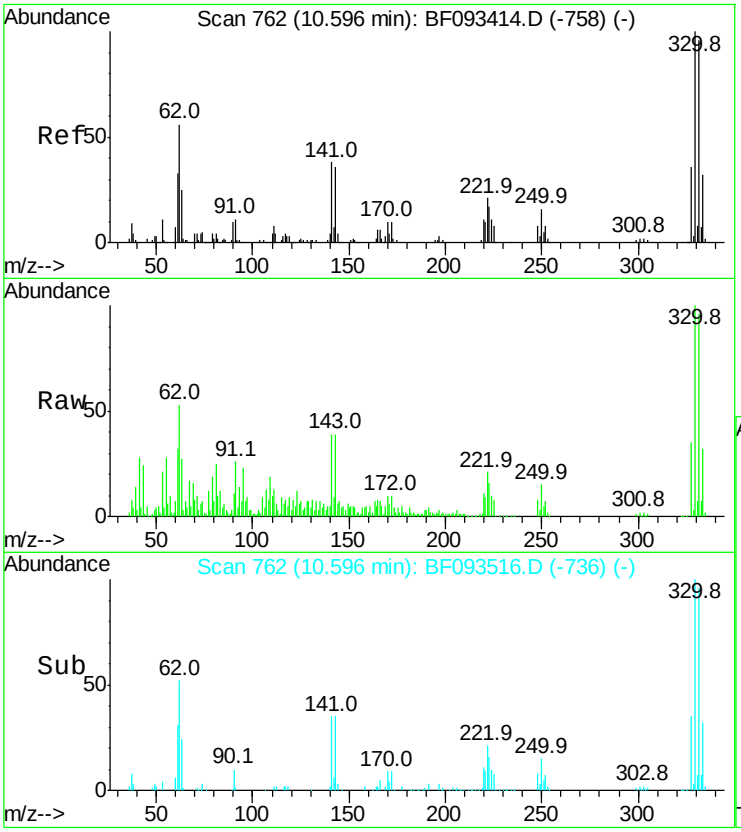


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion:164 Resp: 302423

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.2	120.2
160	44.2	36.9	55.3



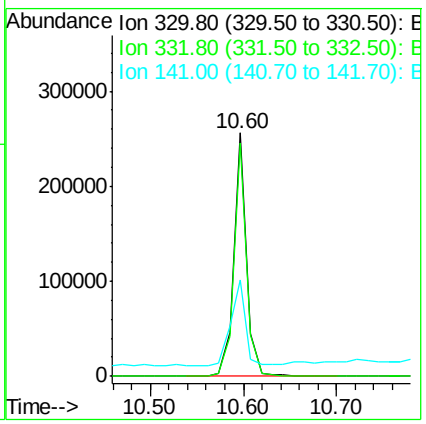


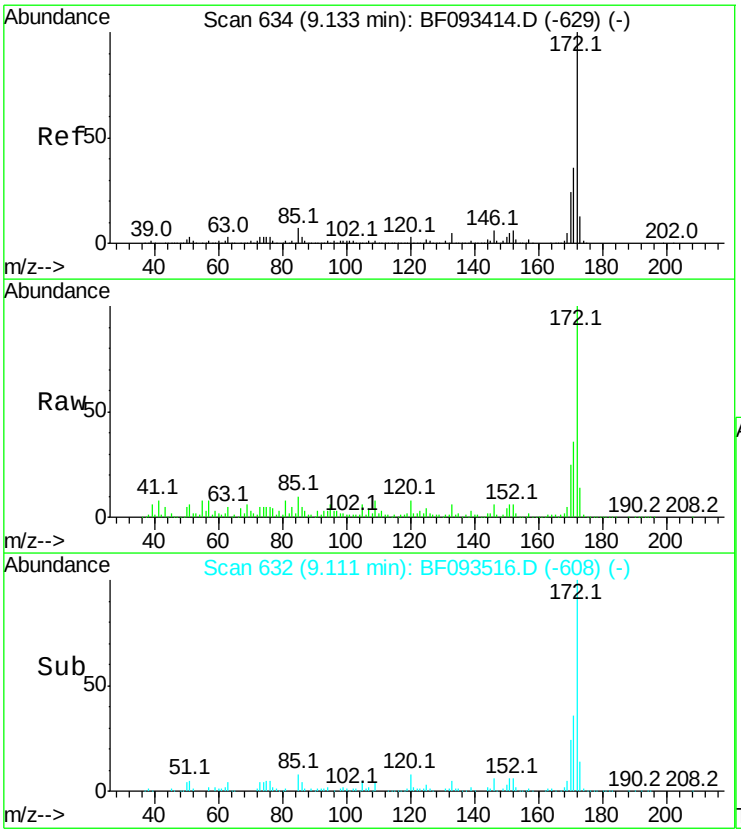
#41
2,4,6-Tribromophenol
Concen: 125.68 ng
RT: 10.60 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 247630

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	39.0	34.1	51.1

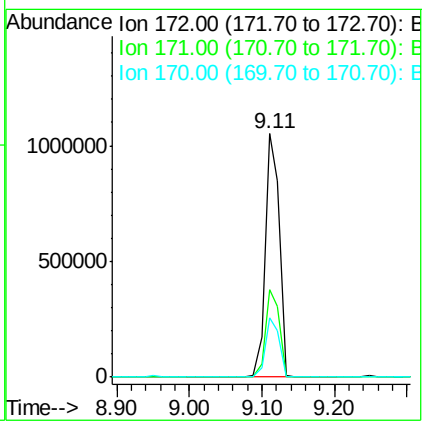


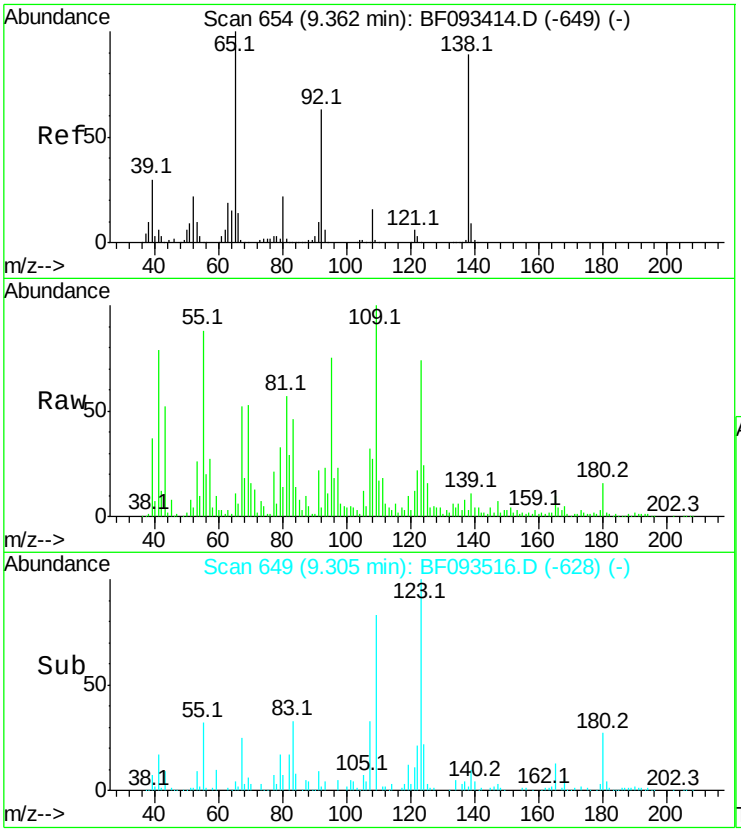


#44
2-Fluorobiphenyl
Concen: 89.10 ng
RT: 9.11 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion:172 Resp: 1448673

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.5	20.2	30.4



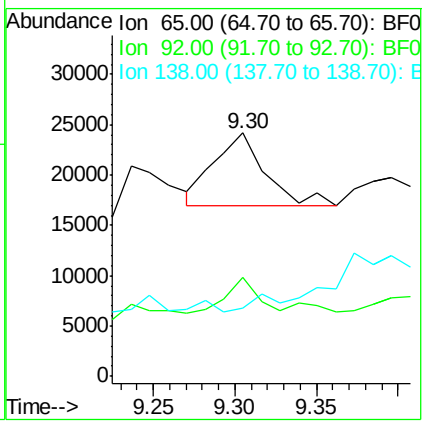


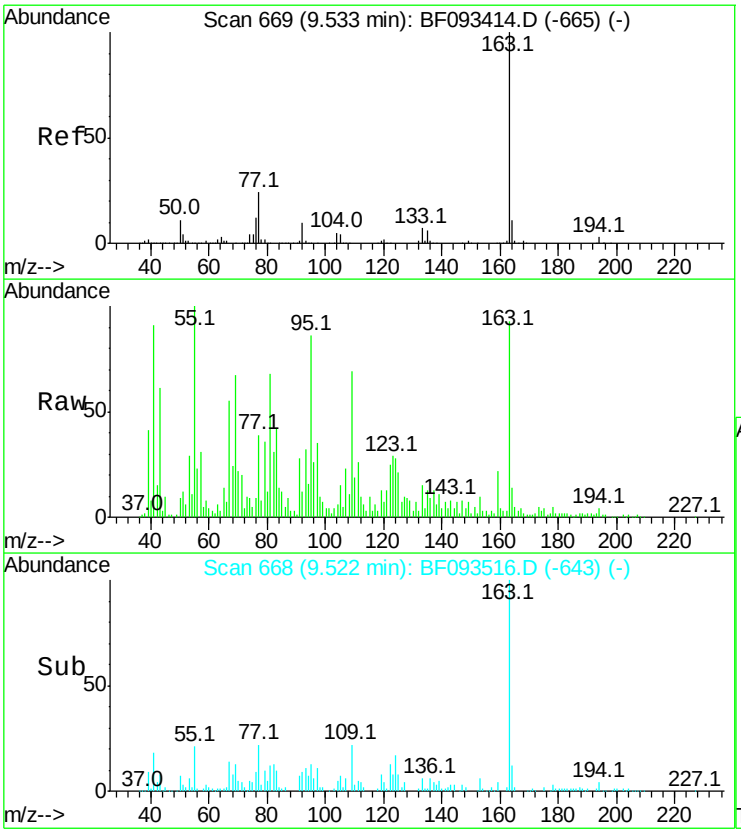
#47
2-Nitroaniline
Concen: 2.61 ng
RT: 9.30 min Scan# 649
Delta R.T. -0.06 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 15531

Ion	Ratio	Lower	Upper
65	100		
92	40.5	53.9	80.9#
138	28.3	76.8	115.2#

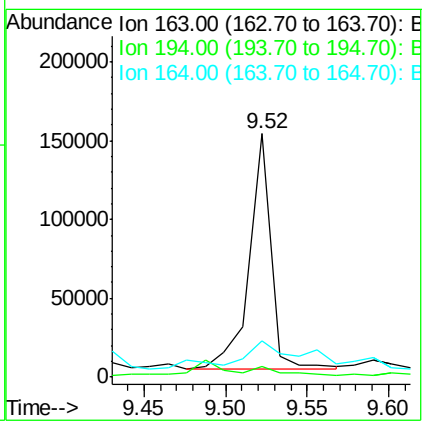


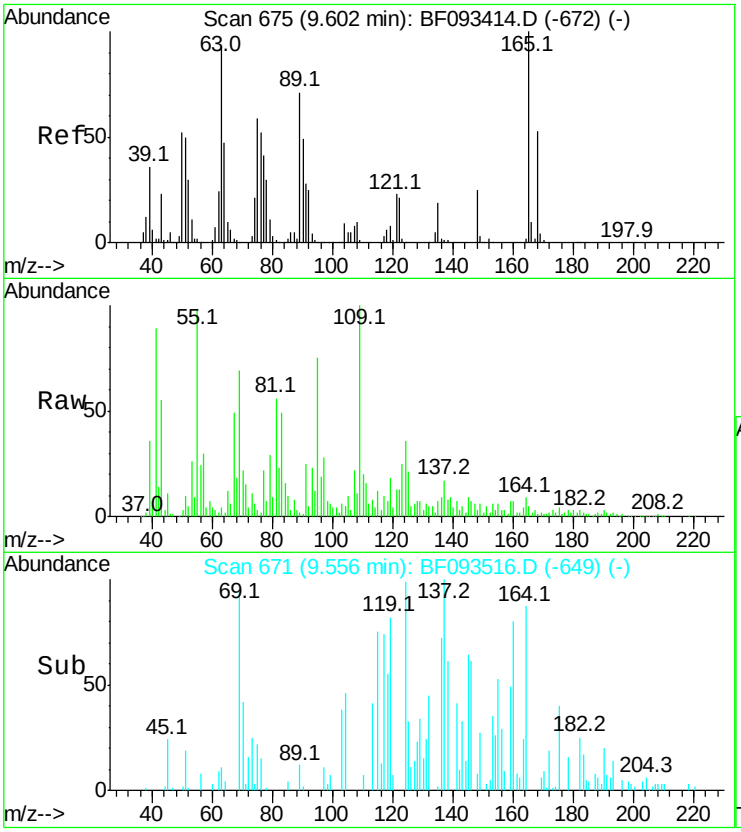


#49
Dimethylphthalate
Concen: 6.99 ng
RT: 9.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion:163 Resp: 140200

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.4
164	14.7	8.0	12.0#



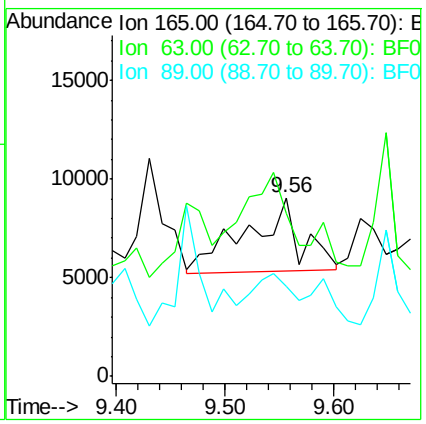


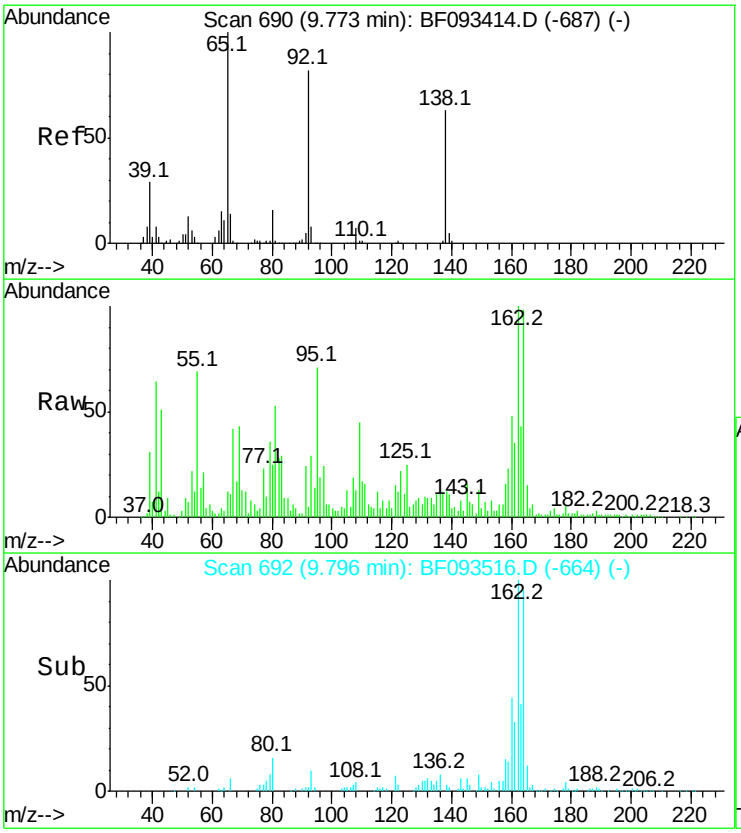
#50
2,6-Dinitrotoluene
Concen: 2.98 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13123

Ion	Ratio	Lower	Upper
165	100		
63	91.1	36.2	54.4#
89	50.5	40.2	60.4

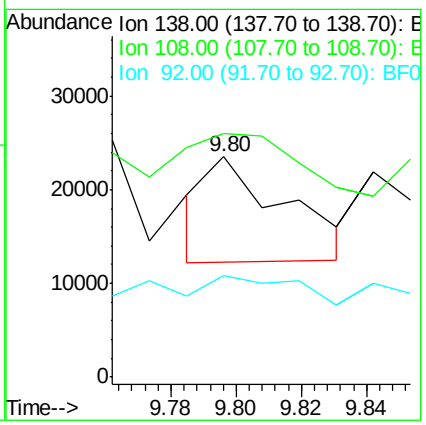


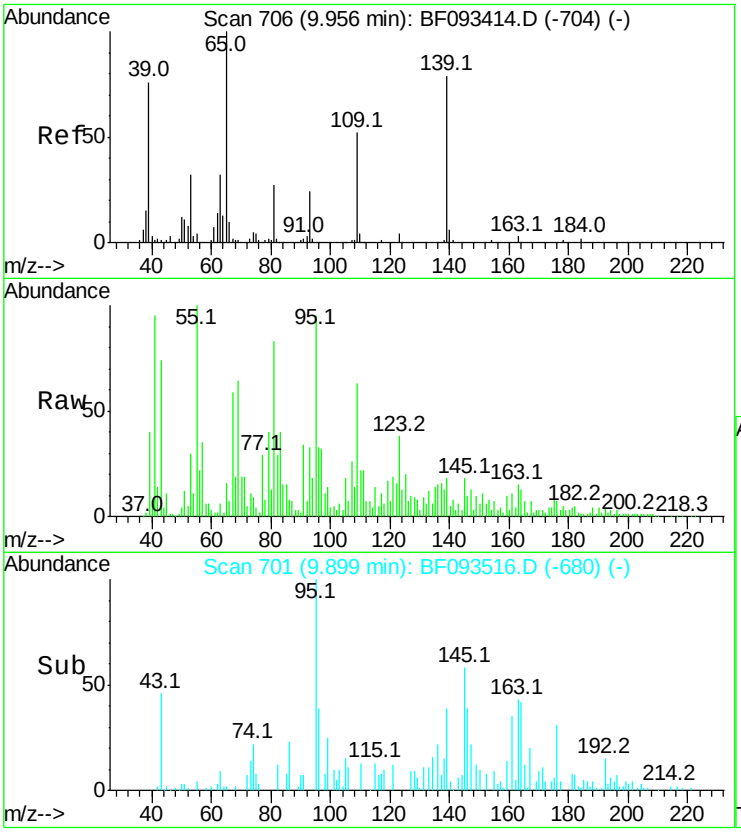


#52
3-Nitroaniline
Concen: 3.53 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.02 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion:138 Resp: 18642

Ion	Ratio	Lower	Upper
138	100		
108	110.5	8.5	12.7#
92	46.2	97.8	146.8#



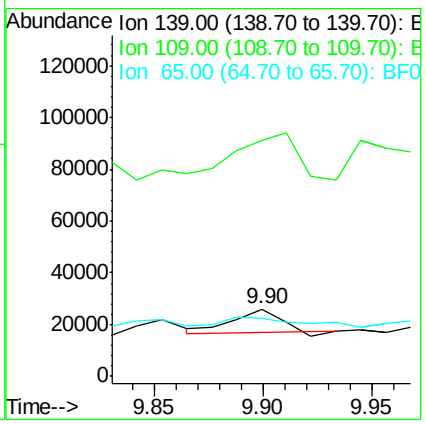


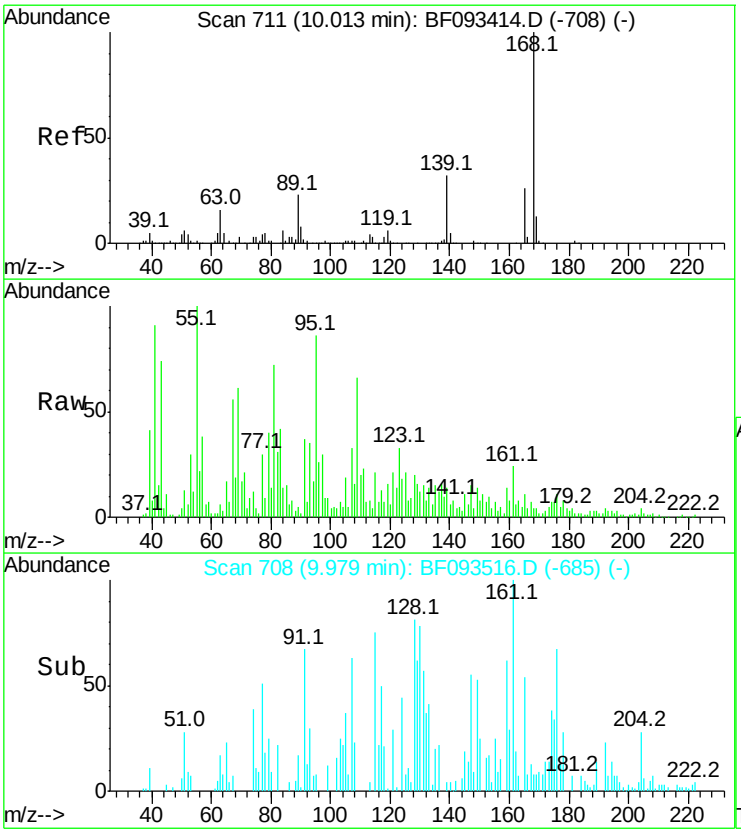
#55
4-Nitrophenol
Concen: 4.94 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 12688

Ion	Ratio	Lower	Upper
139	100		
109	350.8	52.2	92.2#
65	87.0	85.8	125.8

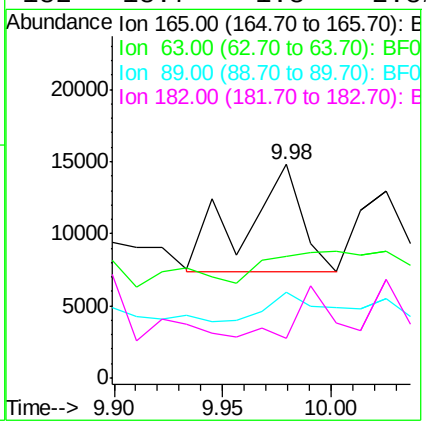


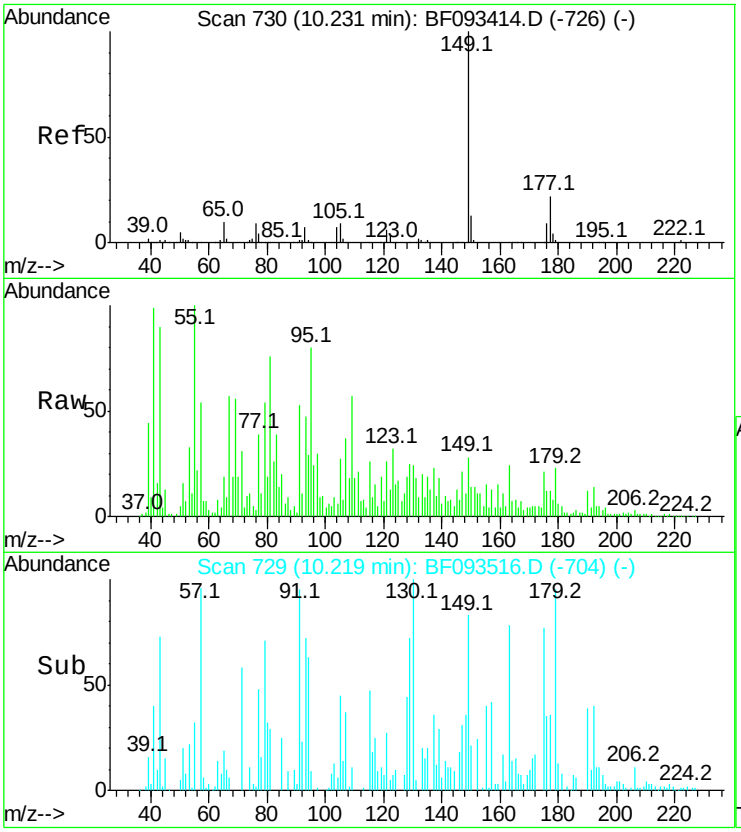


#56
2,4-Dinitrotoluene
Concen: 2.51 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion:165 Resp: 13582

Ion	Ratio	Lower	Upper
165	100		
63	56.9	40.2	60.4
89	39.9	62.5	93.7#
182	18.7	1.8	2.8#



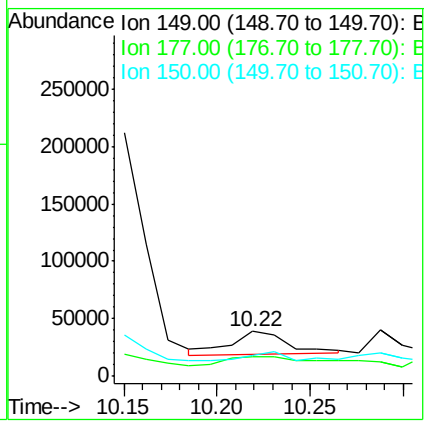


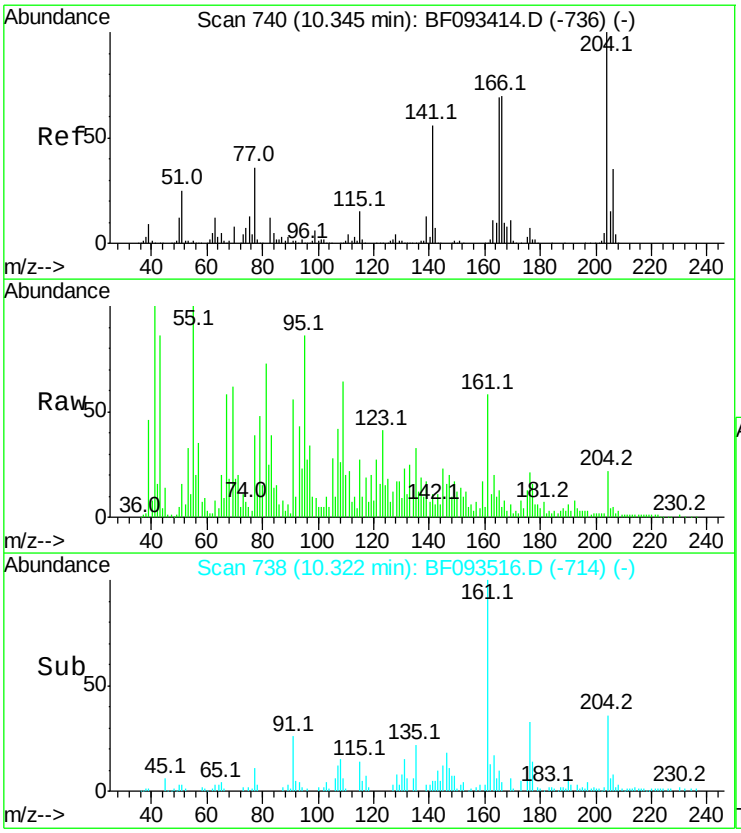
#59
Diethylphthalate
Concen: 2.20 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 42252

Ion	Ratio	Lower	Upper
149	100		
177	44.1	16.6	25.0#
150	47.9	10.4	15.6#

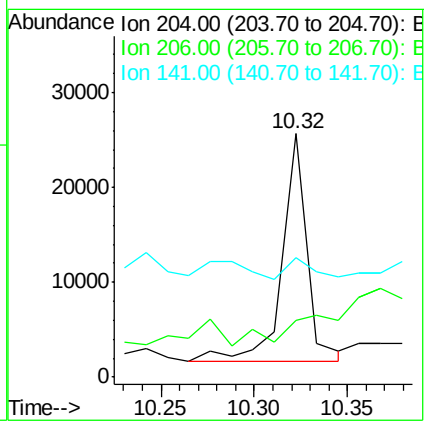


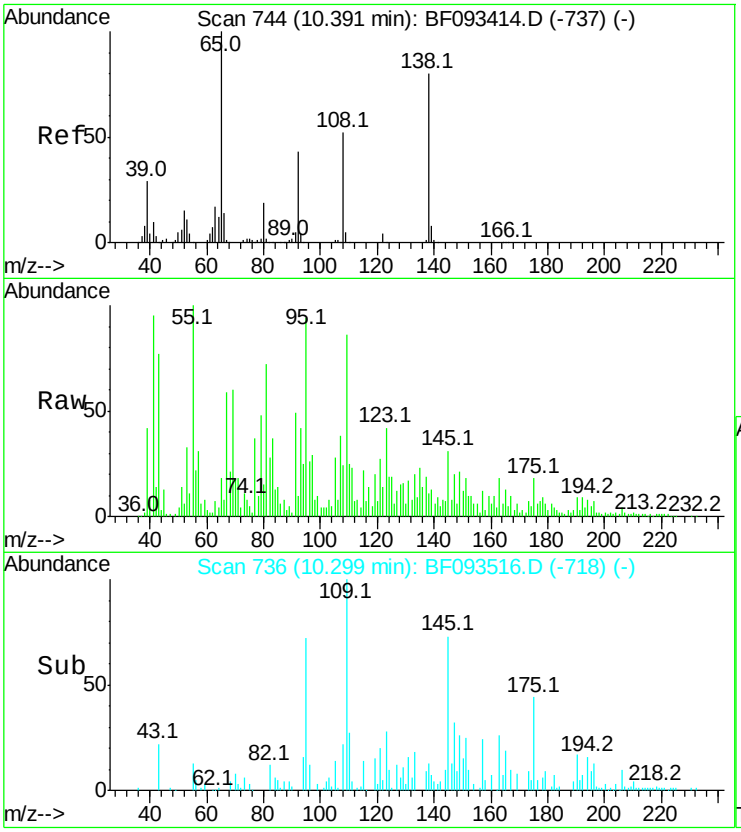


#60
4-Chlorophenyl-phenylether
Concen: 2.87 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion:204 Resp: 22450

Ion	Ratio	Lower	Upper
204	100		
206	23.3	25.8	38.6#
141	49.0	59.4	89.0#

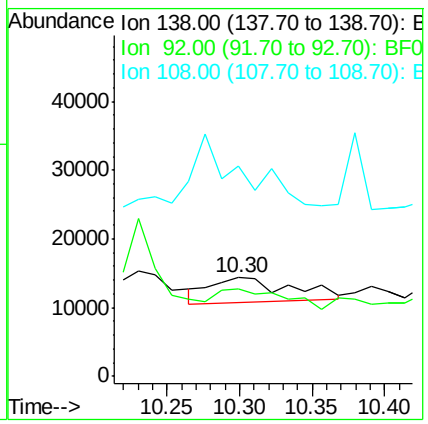




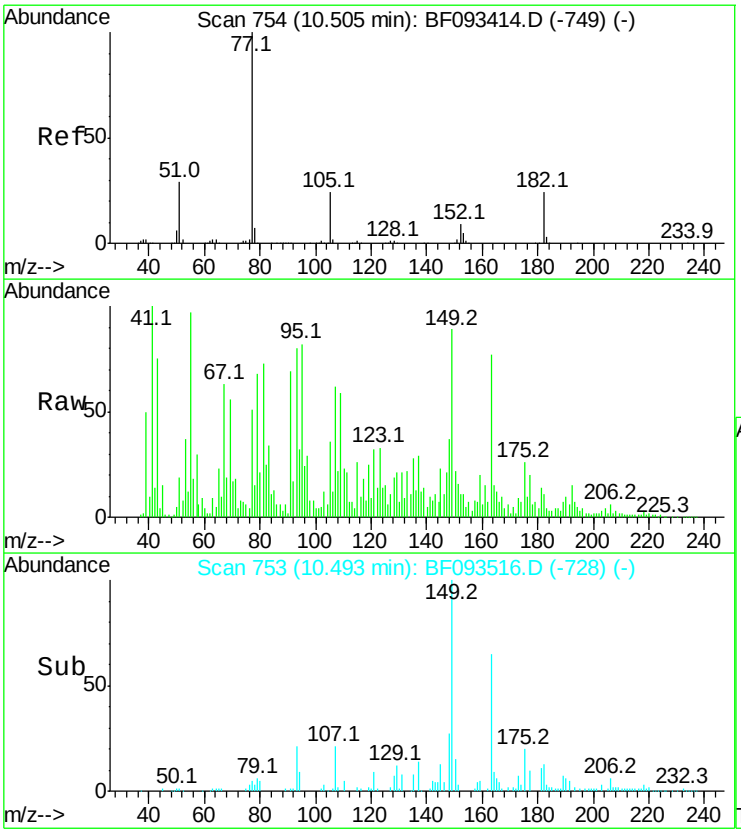
#61
4-Nitroaniline
Concen: 2.66 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.09 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion:138 Resp: 14388

Ion	Ratio	Lower	Upper
138	100		
92	88.0	31.7	71.7#
108	212.3	52.6	92.6#



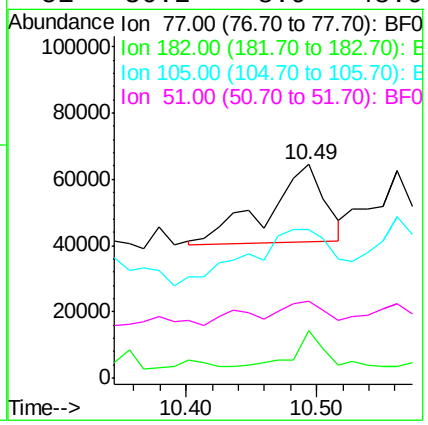
Instrument :
BNA_F
ClientSampleId :

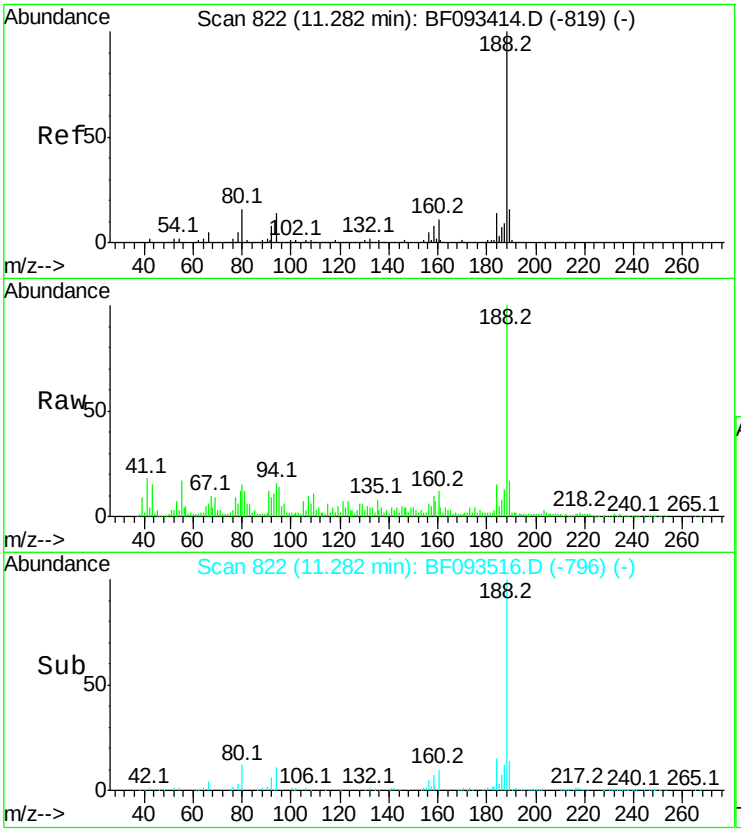


#62
Azobenzene
Concen: 3.29 ng
RT: 10.49 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion: 77 Resp: 71653

Ion	Ratio	Lower	Upper
77	100		
182	22.1	0.0	39.3
105	69.8	2.3	42.3#
51	36.2	8.9	48.9



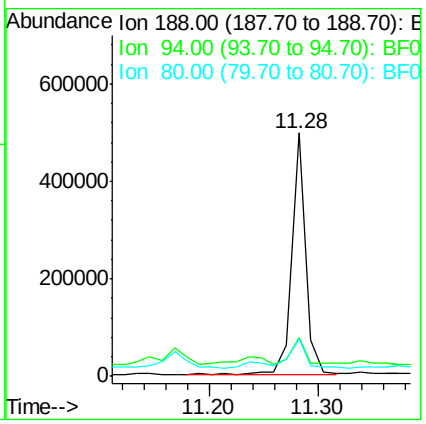


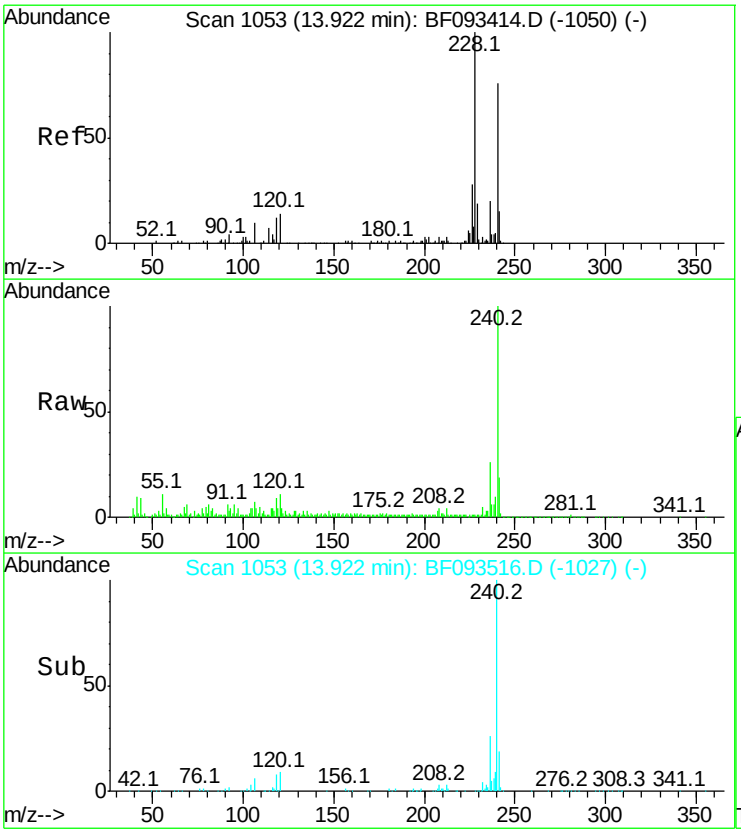
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 440222

Ion	Ratio	Lower	Upper
188	100		
94	15.9	10.0	15.0#
80	15.3	11.2	16.8

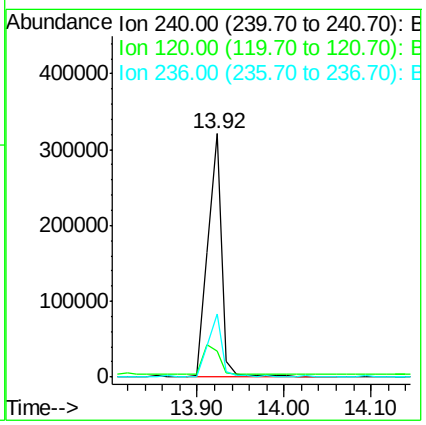


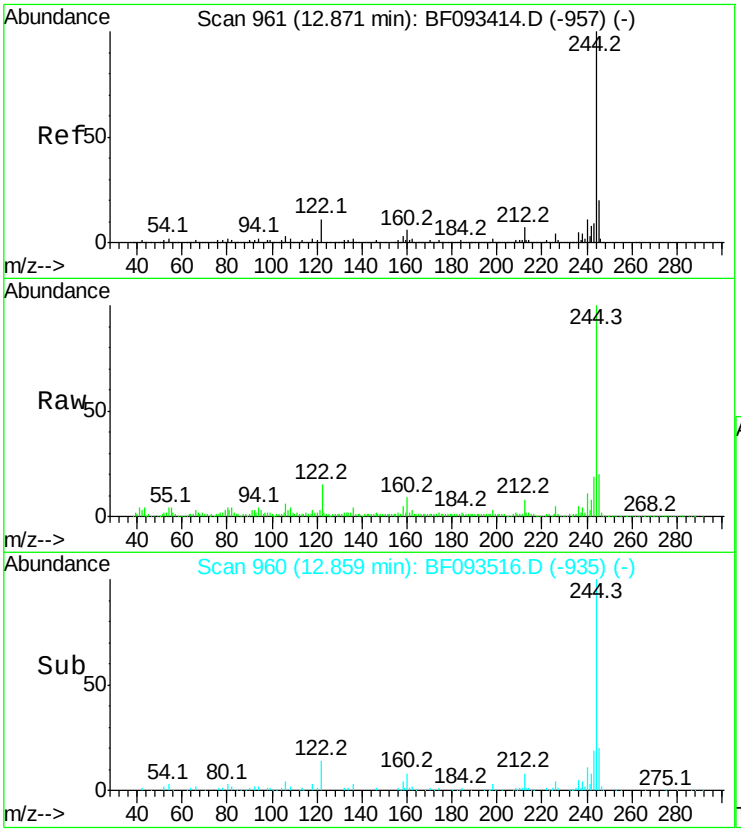


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion:240 Resp: 349925

Ion	Ratio	Lower	Upper
240	100		
120	10.8	12.9	19.3#
236	25.8	20.9	31.3



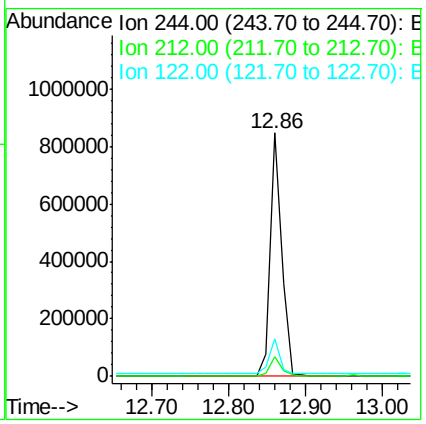


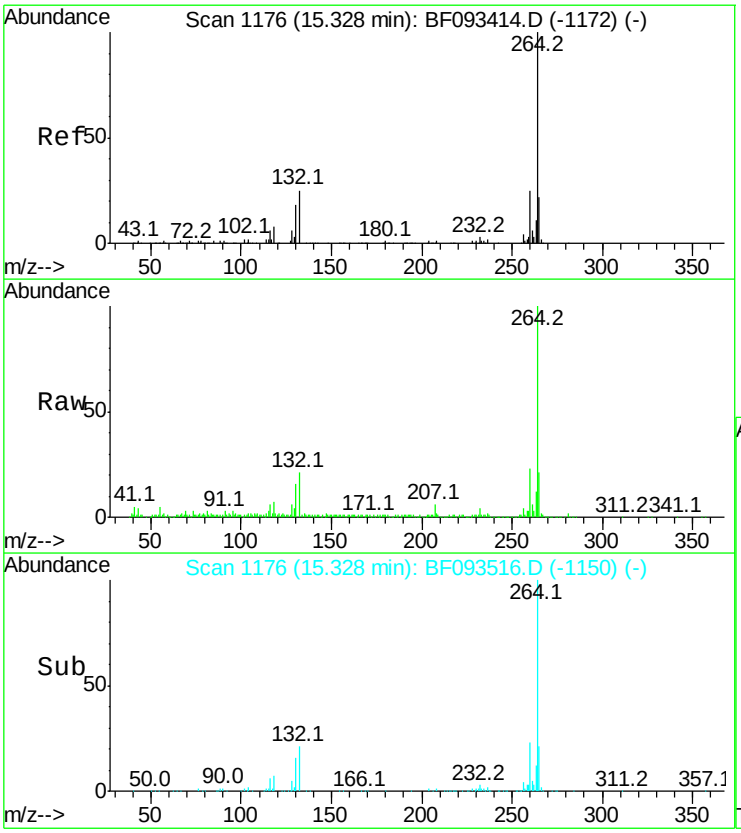
#78
Terphenyl-d14
Concen: 63.83 ng
RT: 12.86 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 859147

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	15.4	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF093516.D
Acq: 10 Mar 2017 10:57

Tgt Ion:264 Resp: 347756

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.4	26.0