Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087701.D
Acq On : 5 Jun 2016 11:12
Operator : UM/SJ
Sample : H3312-05
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW2

Quant Time: Jun 06 01:19:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127850	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	531162	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	230335	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	446454	20.00	ng	0.00
75) Chrysene-d12	14.01	240	292101	20.00	ng	-0.01
86) Perylene-d12	15.44	264	249116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	413731	52.31	ng	0.00
7) Phenol-d6	6.48	99	338085	34.08	ng	-0.01
23) Nitrobenzene-d5	7.43	82	772134	84.10	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	272096	117.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1240036	81.56	ng	-0.01
78) Terphenyl-d14	12.97	244	925940	77.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	17928	2.67	ng	# 71
19) n-Nitroso-di-n-propylamine	7.43	70	103693	16.74	ng	# 74
49) Dimethylphthalate	9.62	163	349242	20.86	ng	99
56) 2,4-Dinitrotoluene	9.90	165	30283	6.24	ng	# 38
60) 4-Chlorophenyl-phenylether	10.63	204	736	Below Cal		# 53
64) 4,6-Dinitro-2-methylphenol	10.70	198	9248	5.59	ng	# 34
66) 4-Bromophenyl-phenylether	10.68	248	15934	3.60	ng	# 1

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

Quantitation Report (Not Reviewed)

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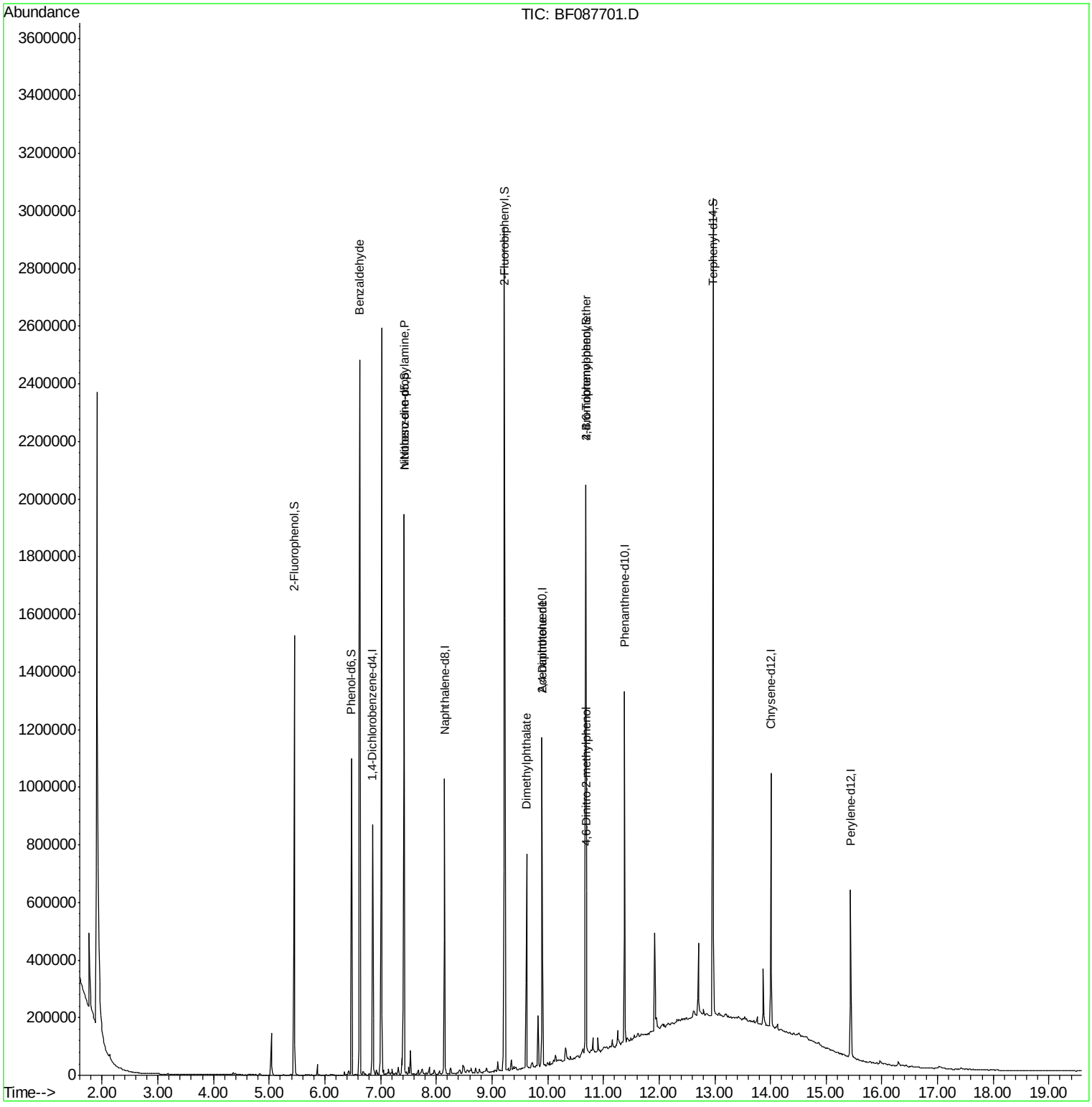
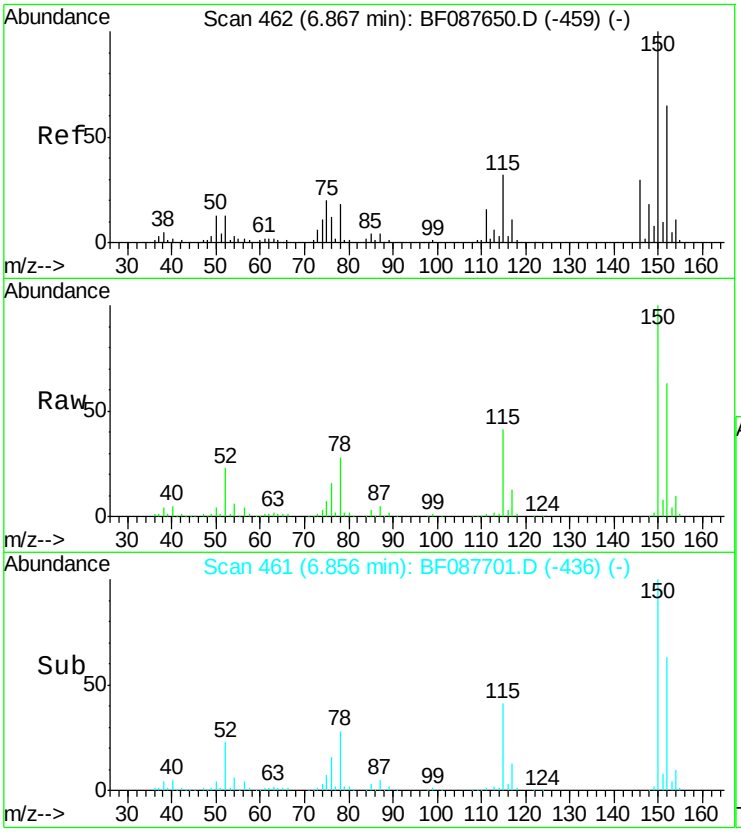


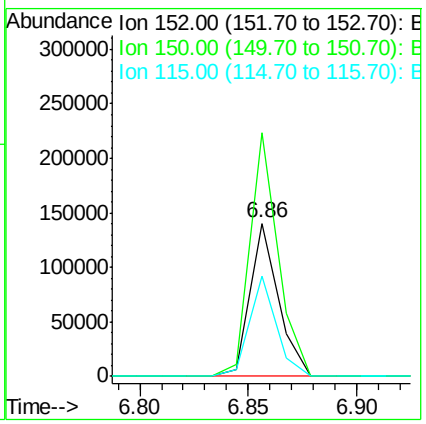


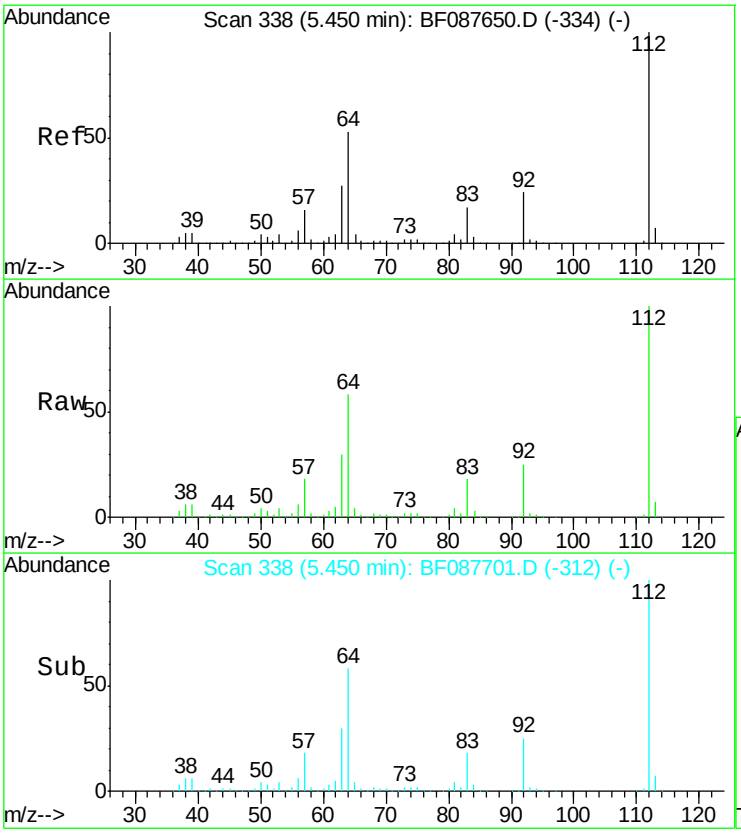
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion:152 Resp: 127850

Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.8	185.6
115	65.6	39.6	59.4#

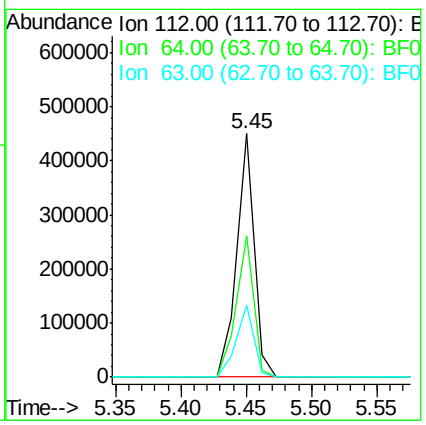


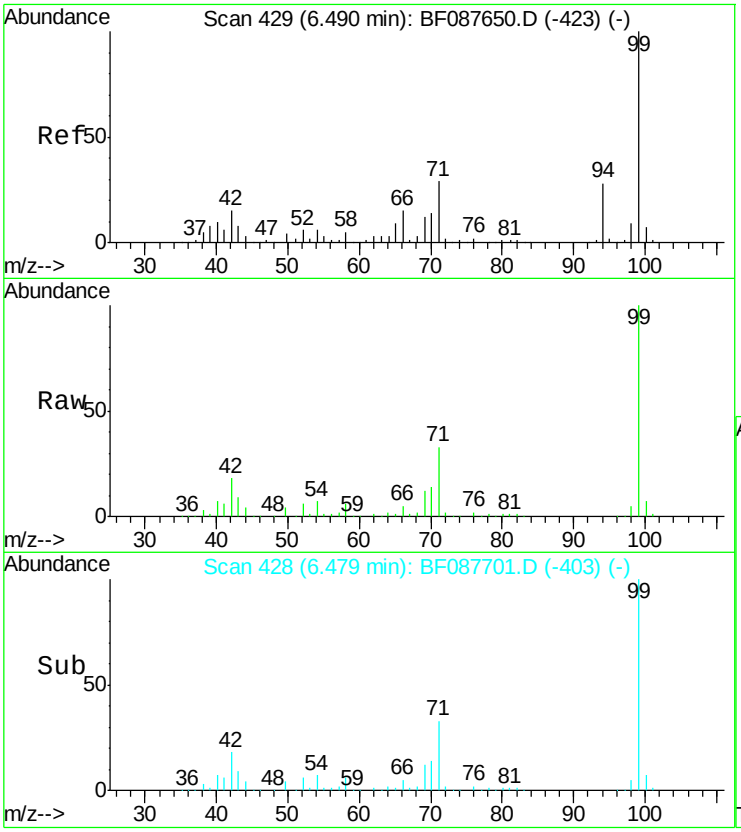


#5
2-Fluorophenol
Concen: 52.31 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Tgt Ion:112 Resp: 413731

Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.2	63.2
63	29.9	21.8	32.8



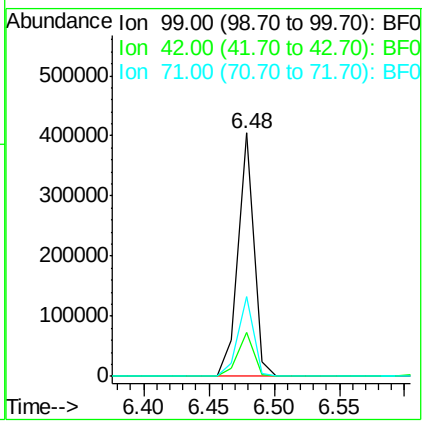


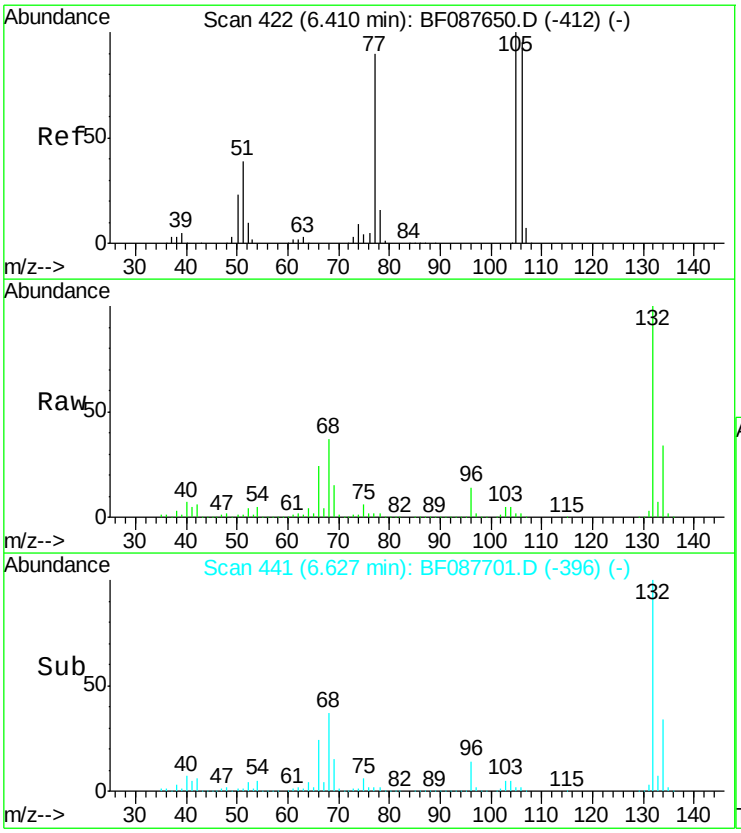
#7
Phenol-d6
Concen: 34.08 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion: 99 Resp: 338085

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.2	18.2
71	32.7	23.4	35.0

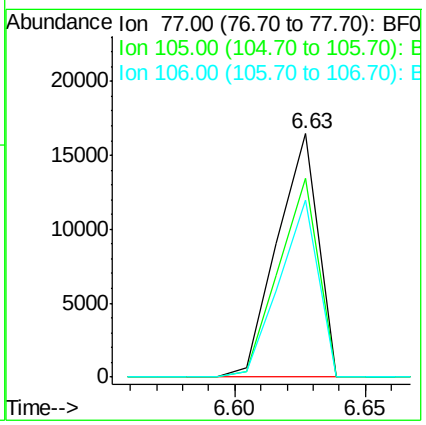


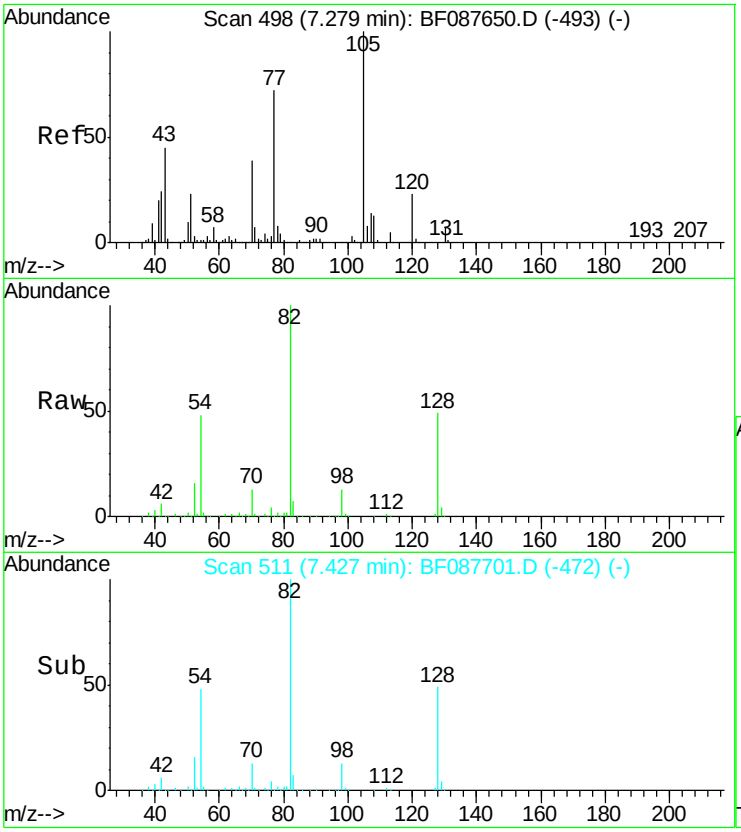


#9
Benzaldehyde
Concen: 2.67 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.22 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Tgt Ion: 77 Resp: 17928

Ion	Ratio	Lower	Upper
77	100		
105	81.6	90.6	130.6#
106	72.9	85.3	125.3#



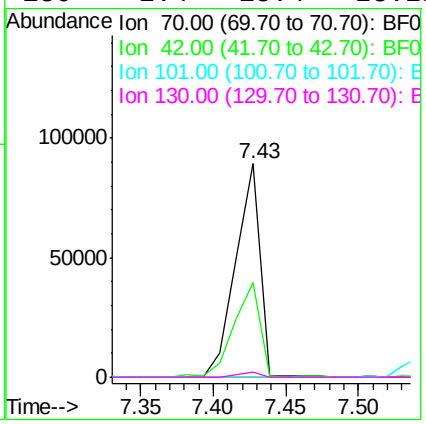


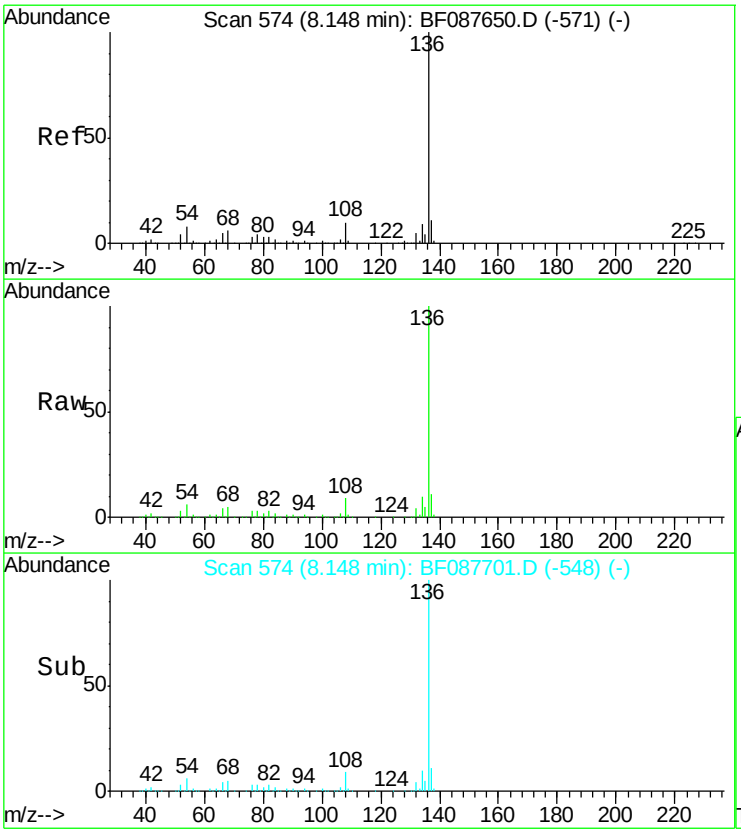
#19
n-Nitroso-di-n-propylamine
Concen: 16.74 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion: 70 Resp: 103693

Ion	Ratio	Lower	Upper
70	100		
42	44.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#

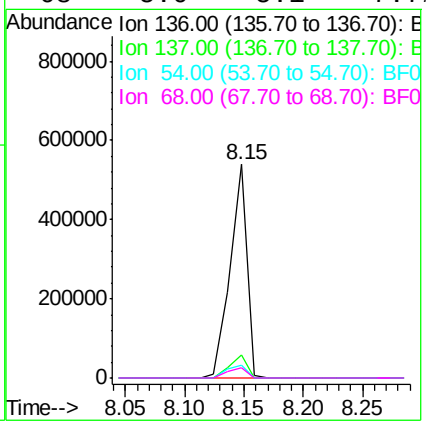


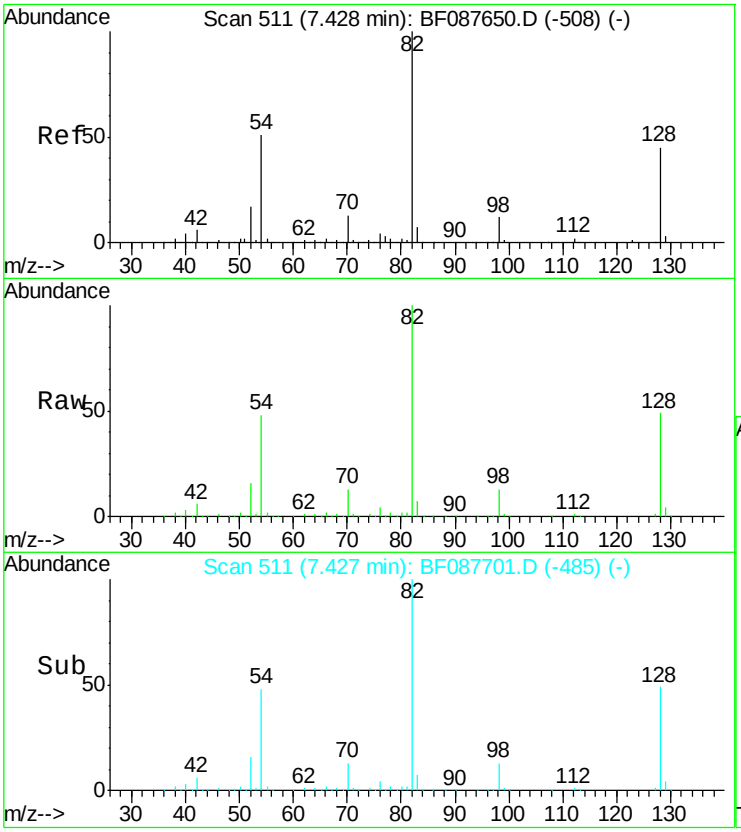


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Tgt Ion:136 Resp: 531162

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.2	6.6	10.0#
68	5.0	5.1	7.7#



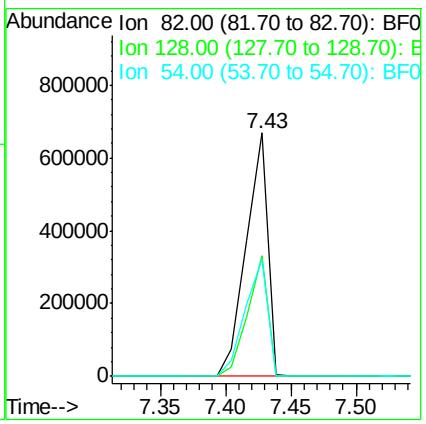


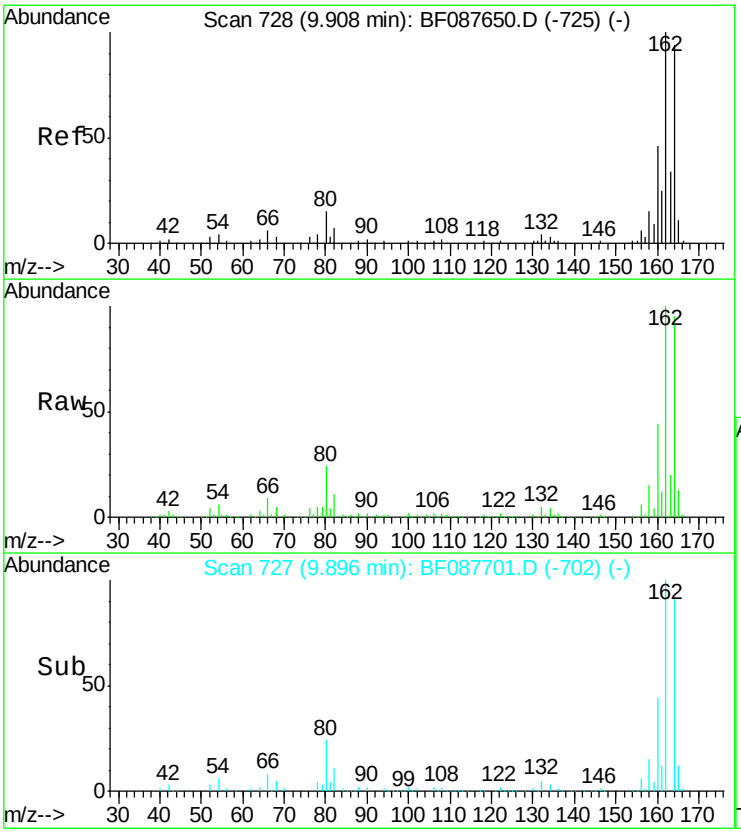
#23
Nitrobenzene-d5
Concen: 84.10 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion: 82 Resp: 772134

Ion	Ratio	Lower	Upper
82	100		
128	49.4	35.9	53.9
54	48.2	40.9	61.3

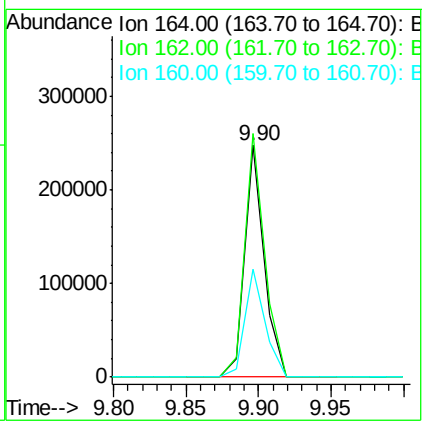


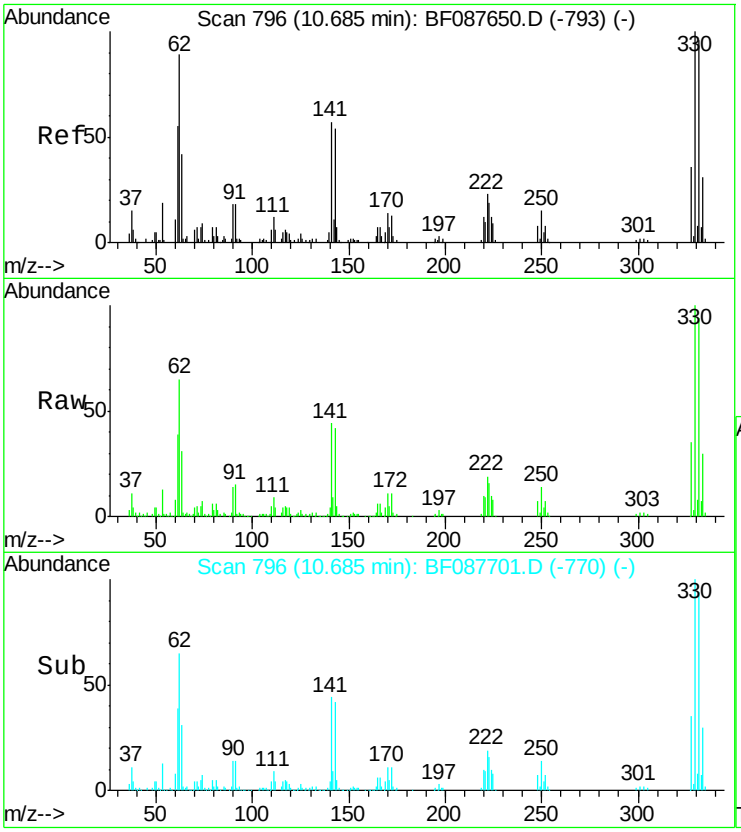


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Tgt Ion:164 Resp: 230335

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	46.5	39.5	59.3



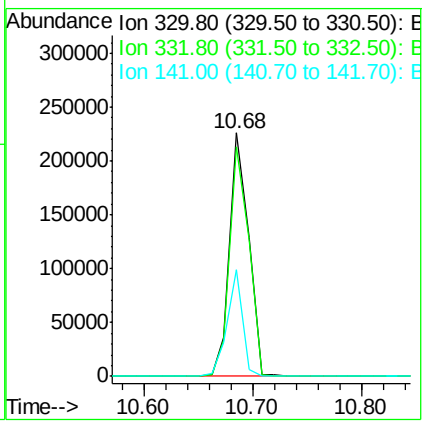


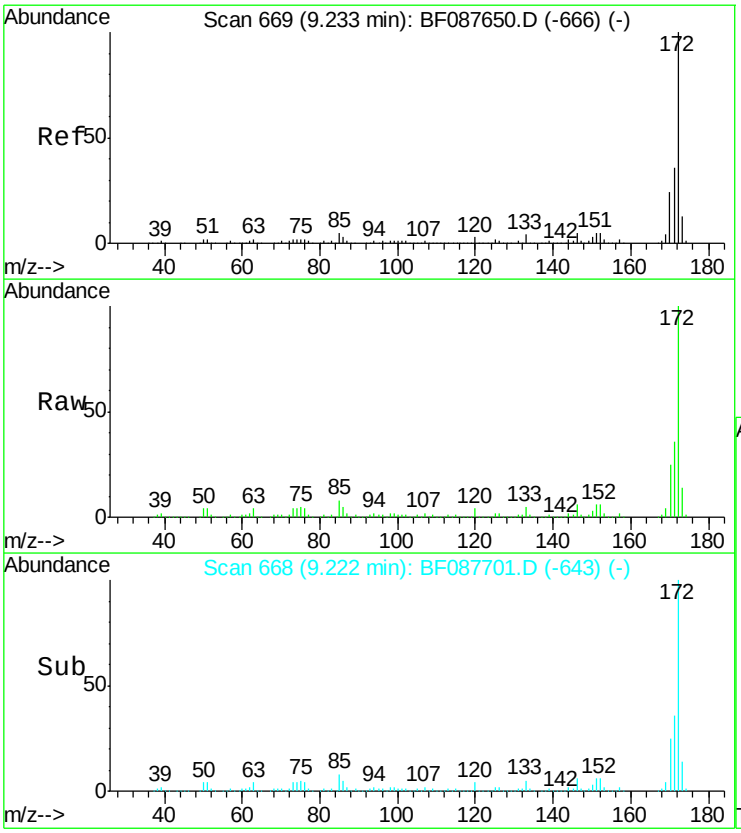
#41
2,4,6-Tribromophenol
Concen: 117.68 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion:330 Resp: 272096

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	35.2	0.0	0.0#

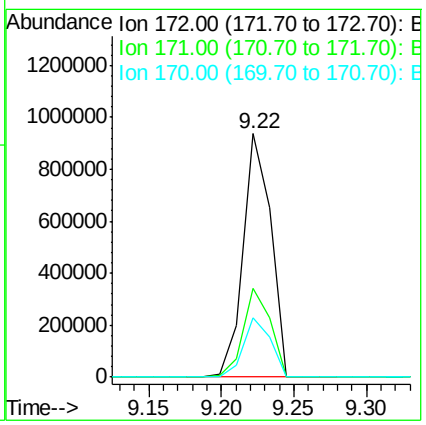


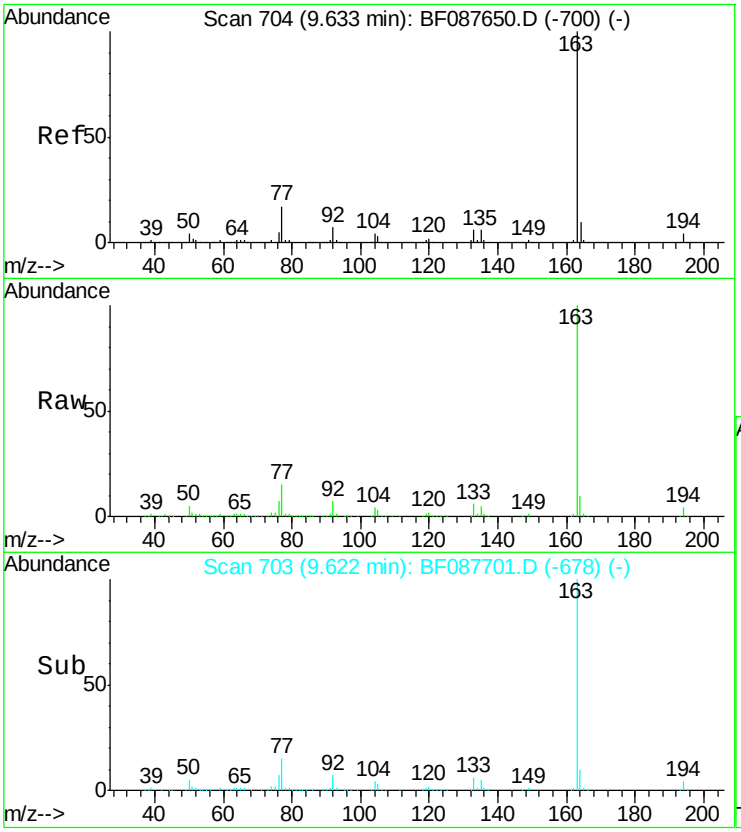


#44
2-Fluorobiphenyl
Concen: 81.56 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Tgt Ion:172 Resp: 1240036

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.5	19.2	28.8



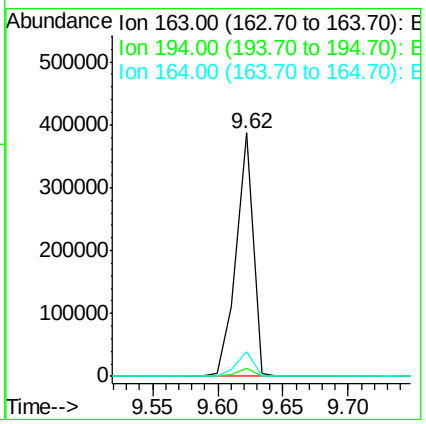


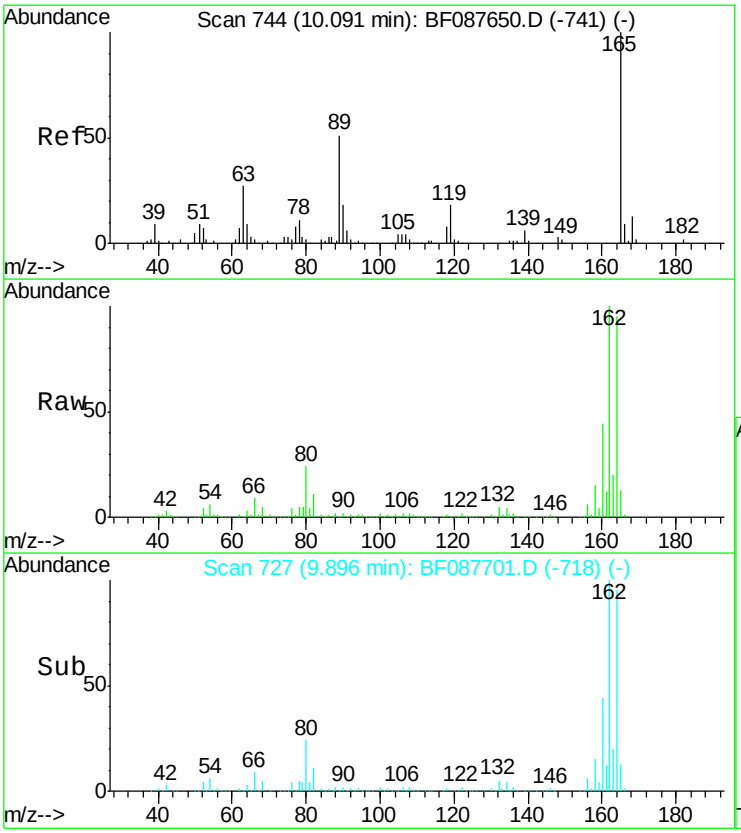
#49
Dimethylphthalate
Concen: 20.86 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion:163 Resp: 349242

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.9	8.3	12.5

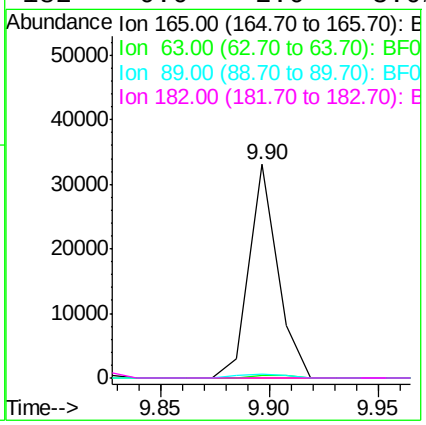


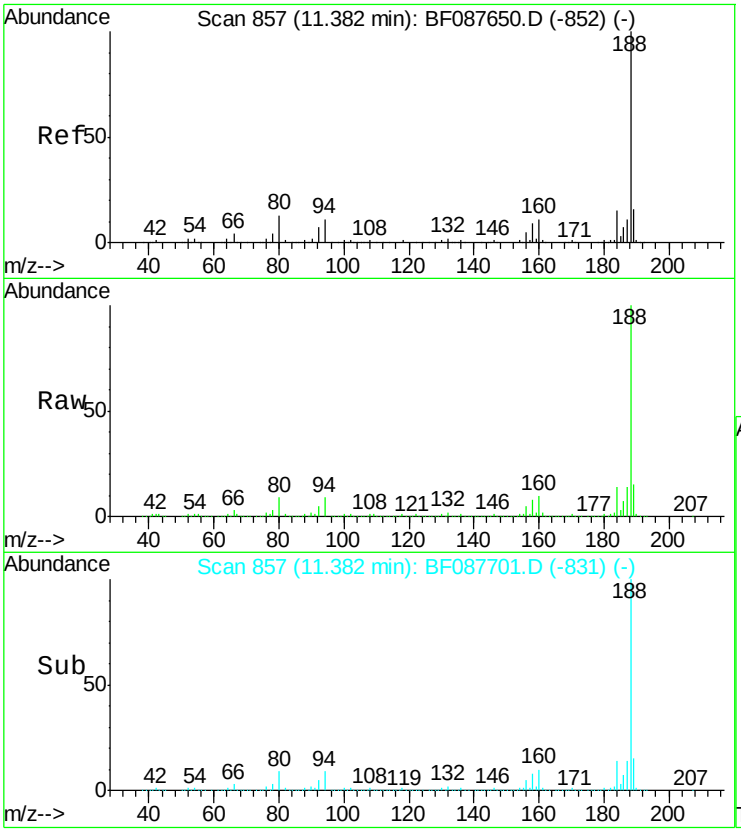


#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.19 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Tgt Ion:165 Resp: 30283

Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#



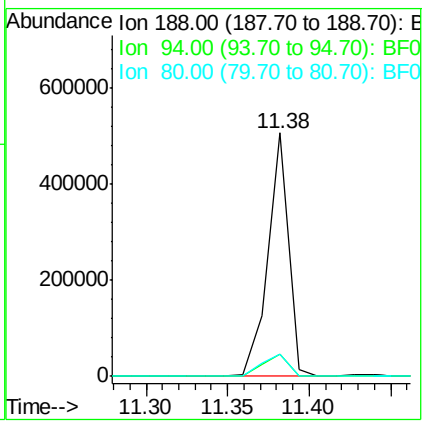


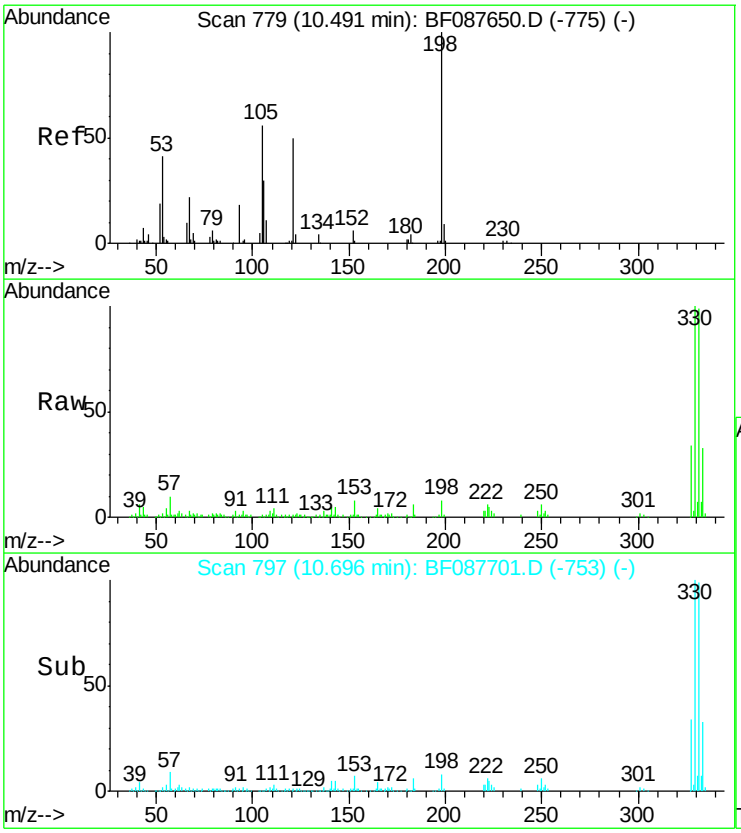
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion:188 Resp: 446454

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.6#
80	9.1	10.0	15.0#

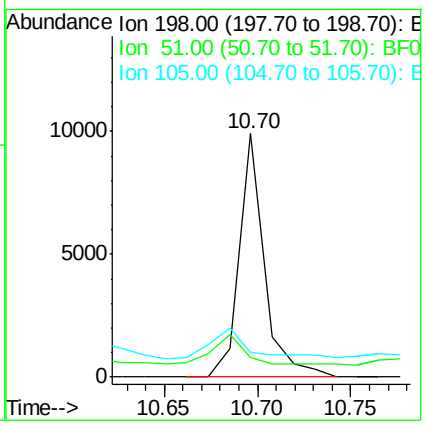


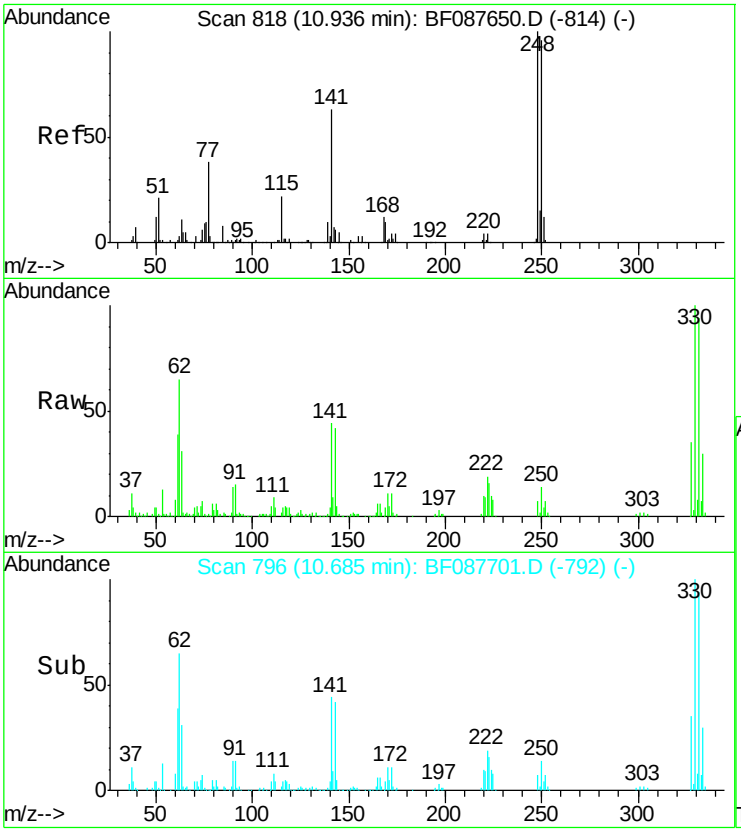


#64
4,6-Dinitro-2-methylphenol
Concen: 5.59 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.21 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Tgt Ion:198 Resp: 9248

Ion	Ratio	Lower	Upper
198	100		
51	8.2	39.6	79.6#
105	10.3	36.6	76.6#



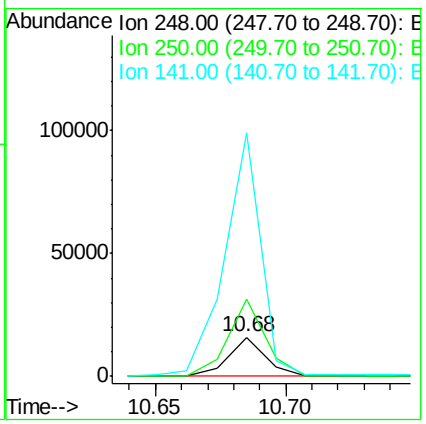


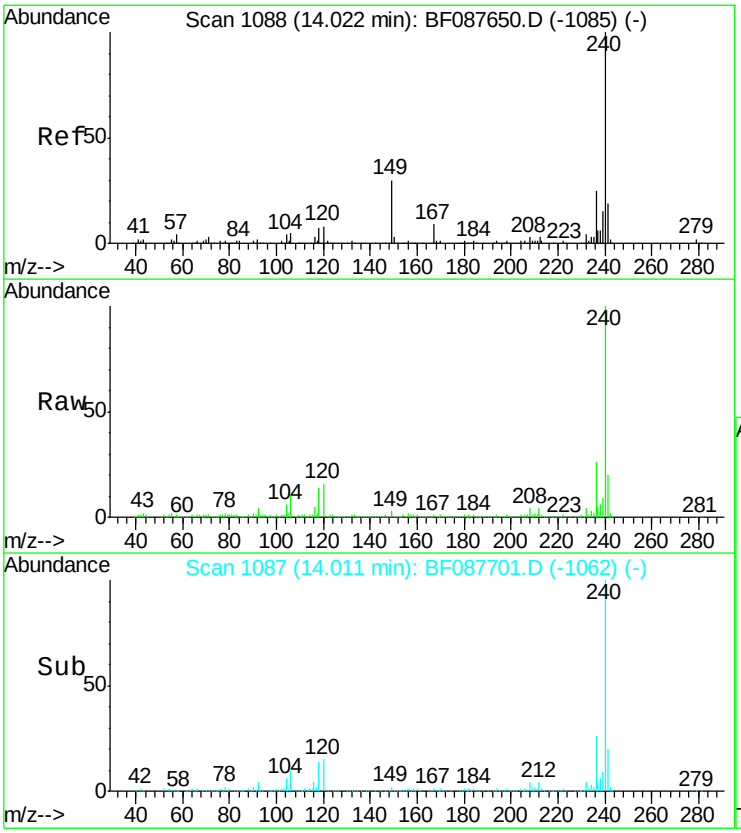
#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion:248 Resp: 15934

Ion	Ratio	Lower	Upper
248	100		
250	194.9	77.1	115.7#
141	619.5	50.6	76.0#

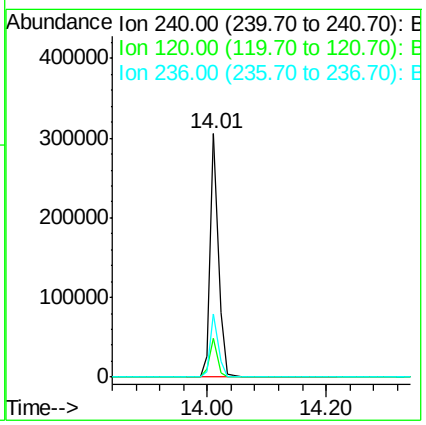


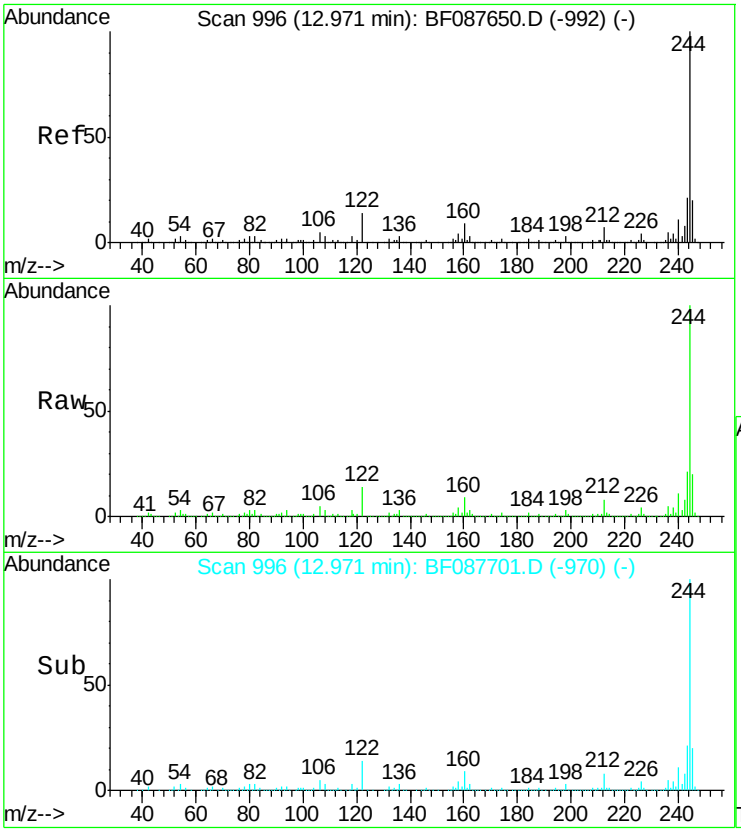


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Tgt Ion:240 Resp: 292101

Ion	Ratio	Lower	Upper
240	100		
120	15.7	6.8	10.2#
236	25.9	20.2	30.2



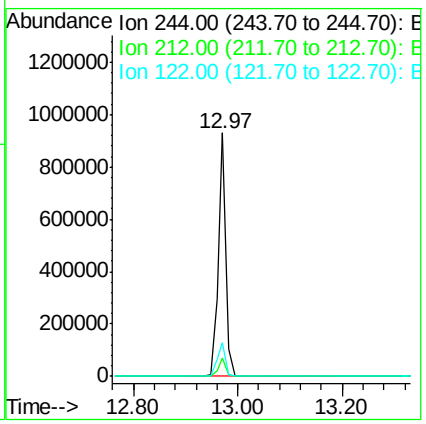


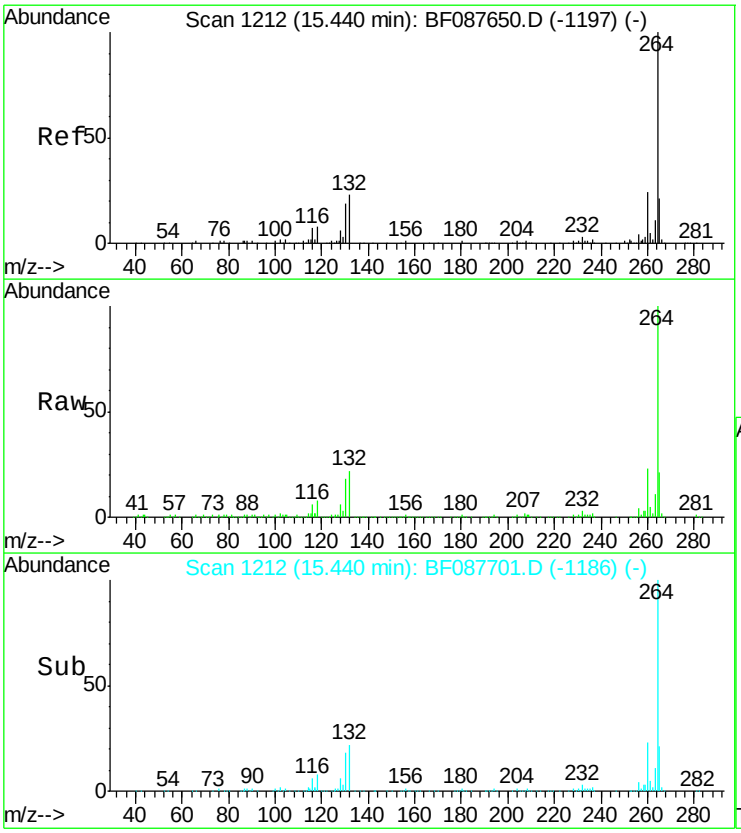
#78
Terphenyl-d14
Concen: 77.35 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Instrument :
BNA_F
ClientSampleId :
SW2

Tgt Ion:244 Resp: 925940

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	14.0	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087701.D
Acq: 5 Jun 2016 11:12

Tgt Ion:264 Resp: 249116

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	16.9	25.3