Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087906.D
Acq On : 11 Jun 2016 17:07
Operator : UM/SJ
Sample : PB91119BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91119BL

Quant Time: Jun 12 04:39:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	104937	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	445442	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	204659	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	363784	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	359928	20.00	ng	-0.03
86) Perylene-d12	15.37	264	303468	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	755763	123.12	ng	-0.02
7) Phenol-d6	6.43	99	852112	114.54	ng	-0.05
23) Nitrobenzene-d5	7.37	82	581728	76.26	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	219173	101.42	ng	-0.03
44) 2-Fluorobiphenyl	9.16	172	1065788	81.59	ng	-0.05
78) Terphenyl-d14	12.91	244	951014	60.13	ng	-0.03
Target Compounds						Qvalue
10) Phenol	6.57	94	1361	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	75506	15.87	ng	# 70
45) 1,1'-Biphenyl	9.16	154	2001	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.84	165	26086	7.68	ng	# 38
56) 2,4-Dinitrotoluene	9.84	165	26081	5.98	ng	# 37
57) Fluorene	10.63	166	9377	Below Cal	#	85
64) 4,6-Dinitro-2-methylphenol	10.63	198	323	2.30	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	13144	3.37	ng	# 1

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

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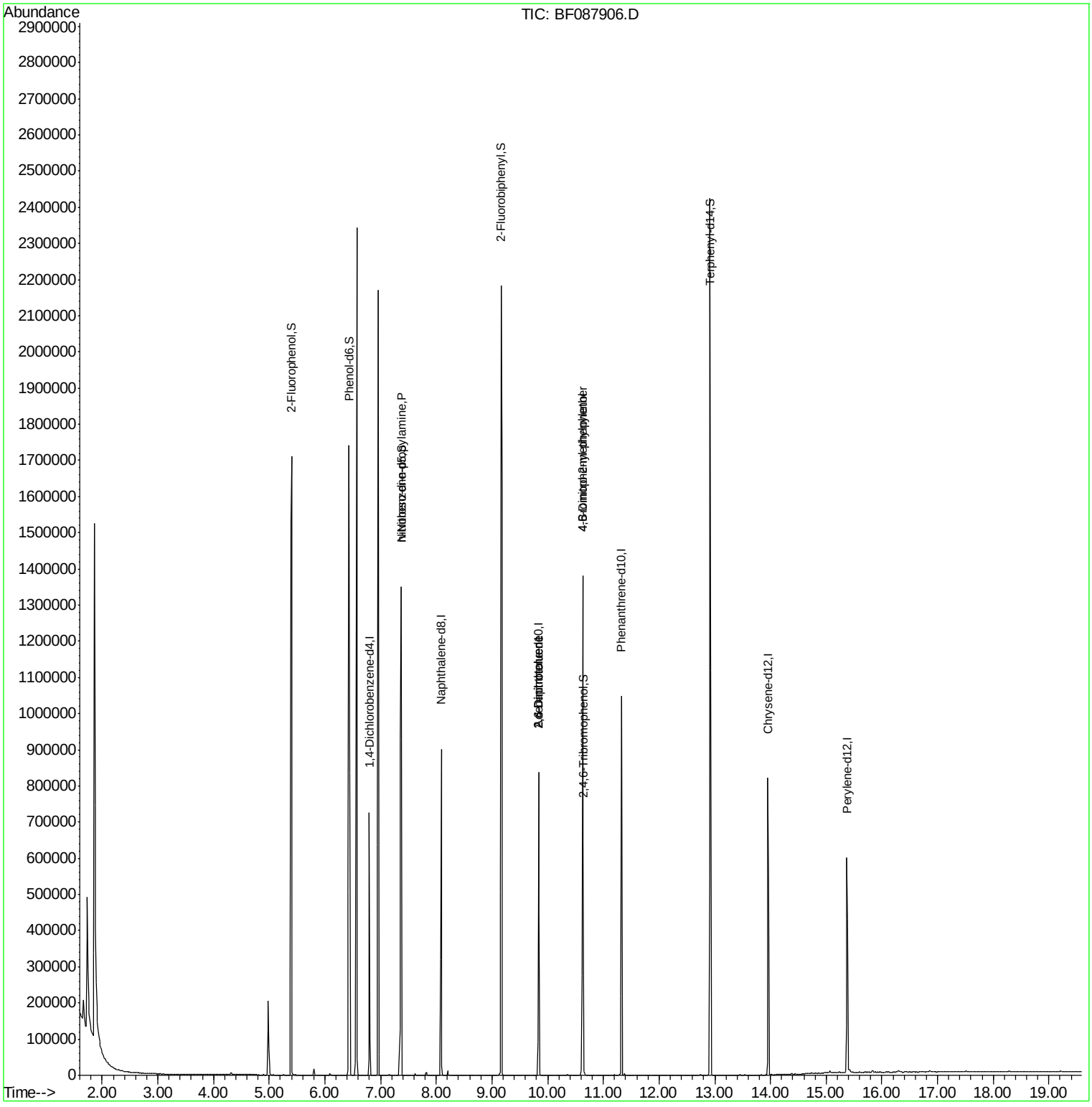
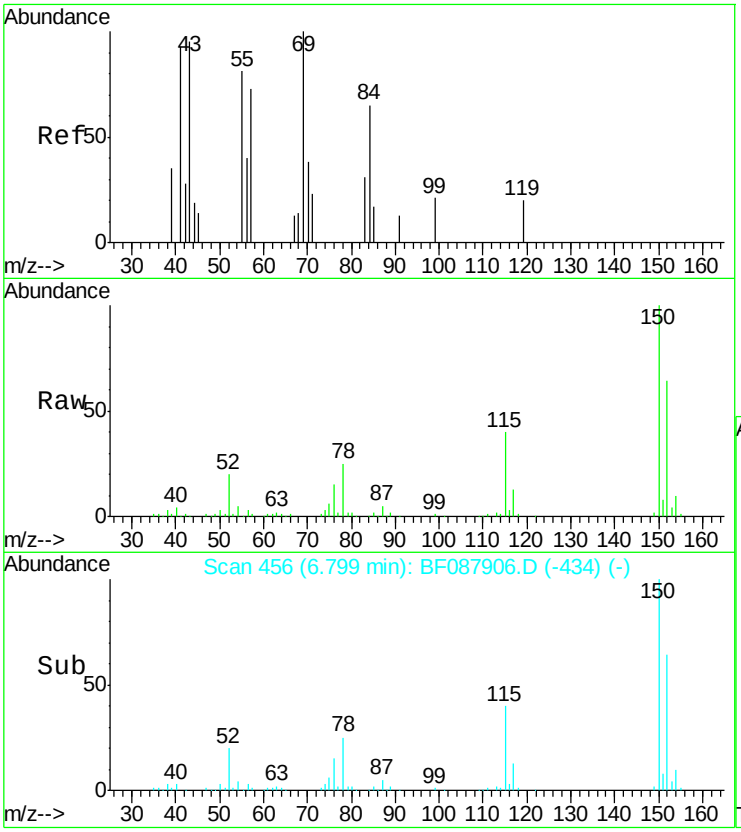


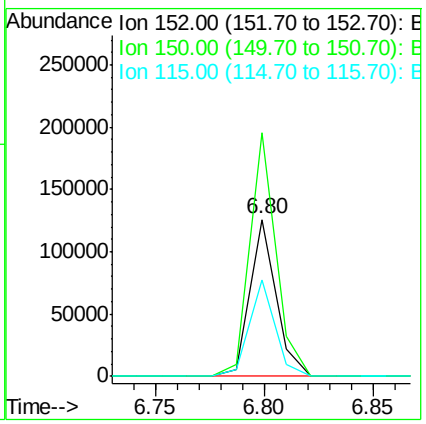


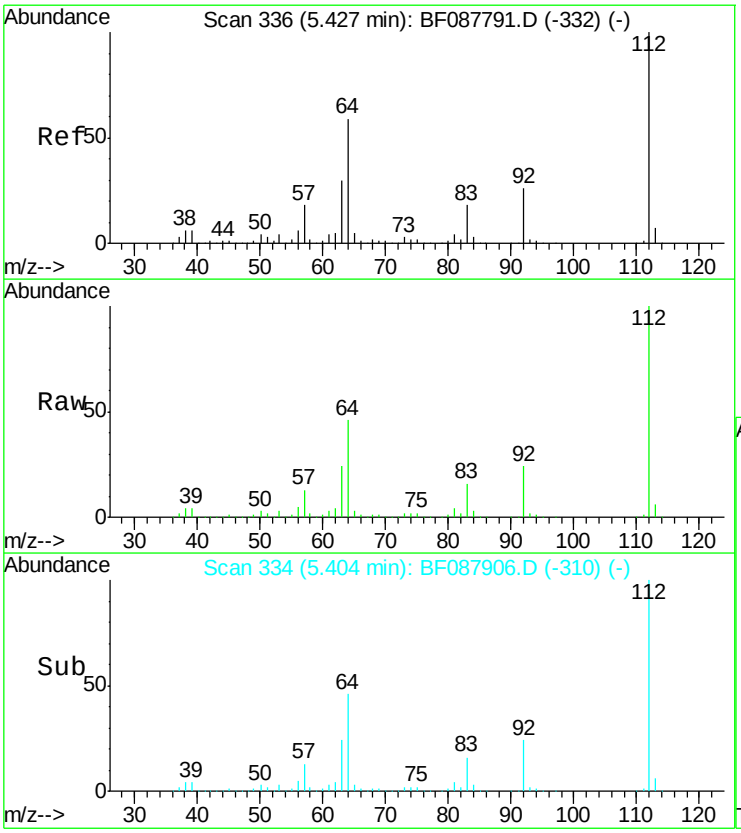
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB91119BL

Tgt Ion:152 Resp: 104937

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.8	185.6
115	61.5	39.6	59.4#

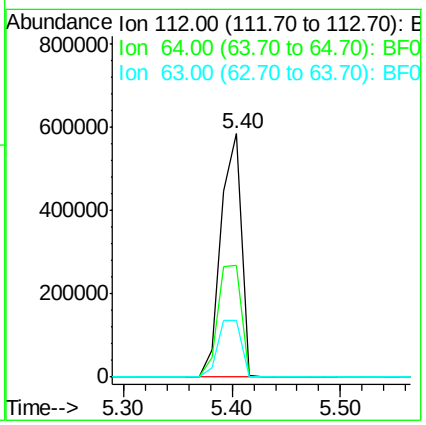


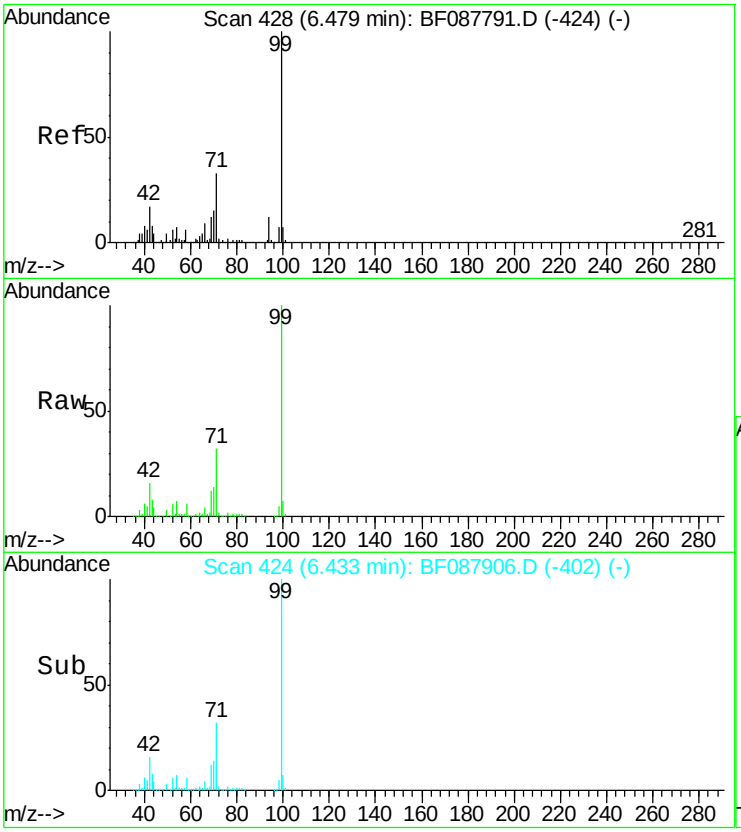


#5
2-Fluorophenol
Concen: 123.12 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Tgt Ion:112 Resp: 755763

Ion	Ratio	Lower	Upper
112	100		
64	45.9	42.2	63.2
63	23.6	21.8	32.8



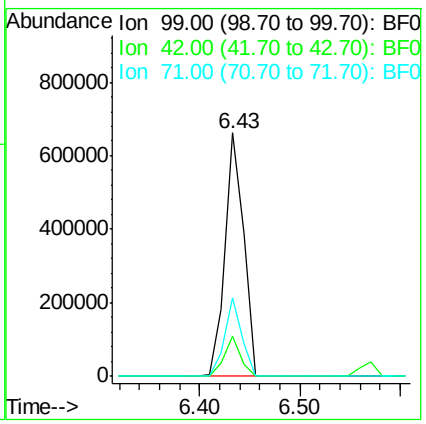


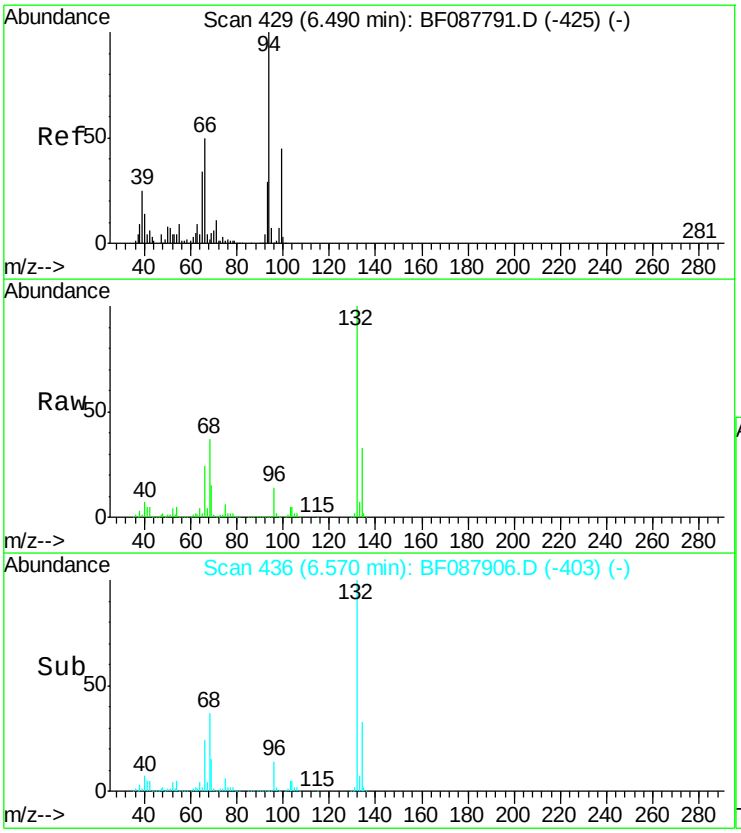
#7
Phenol-d6
Concen: 114.54 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB91119BL

Tgt Ion: 99 Resp: 852112

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.2	18.2
71	32.5	23.4	35.0

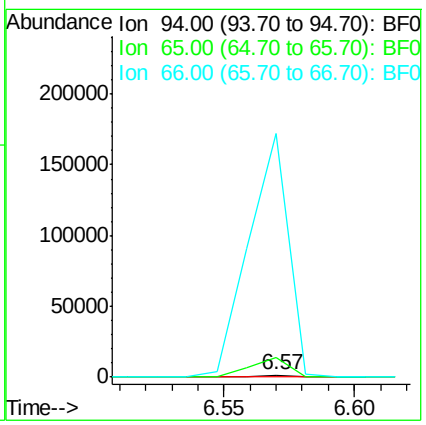


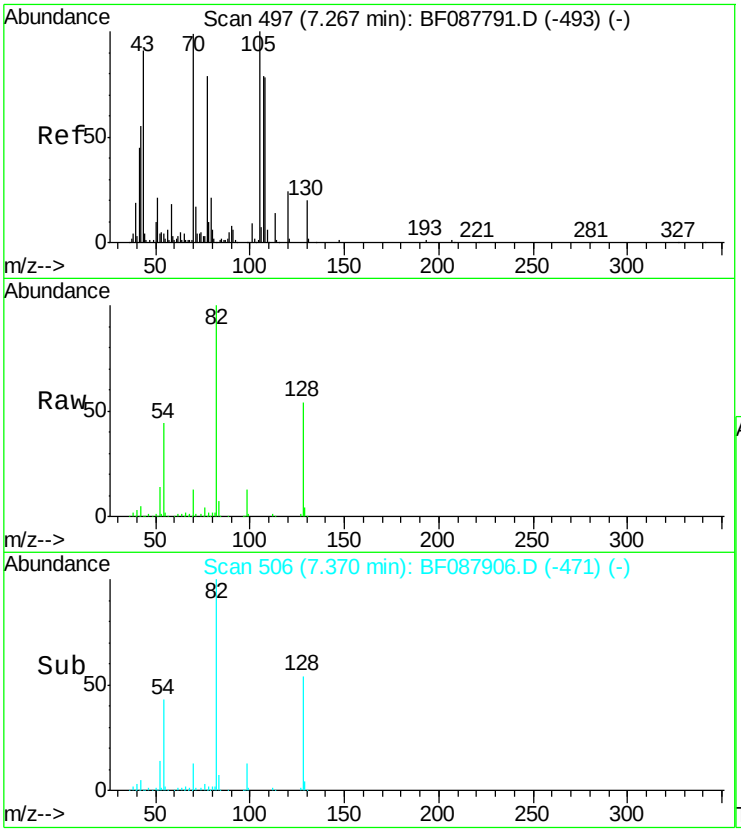


#10
Phenol
Concen: Below Cal
RT: 6.57 min Scan# 436
Delta R.T. 0.08 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Tgt Ion: 94 Resp: 1361

Ion	Ratio	Lower	Upper
94	100		
65	1011.6	5.9	45.9#
66	12209.5	14.0	54.0#



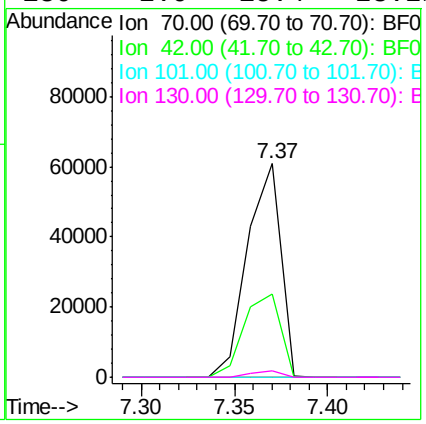


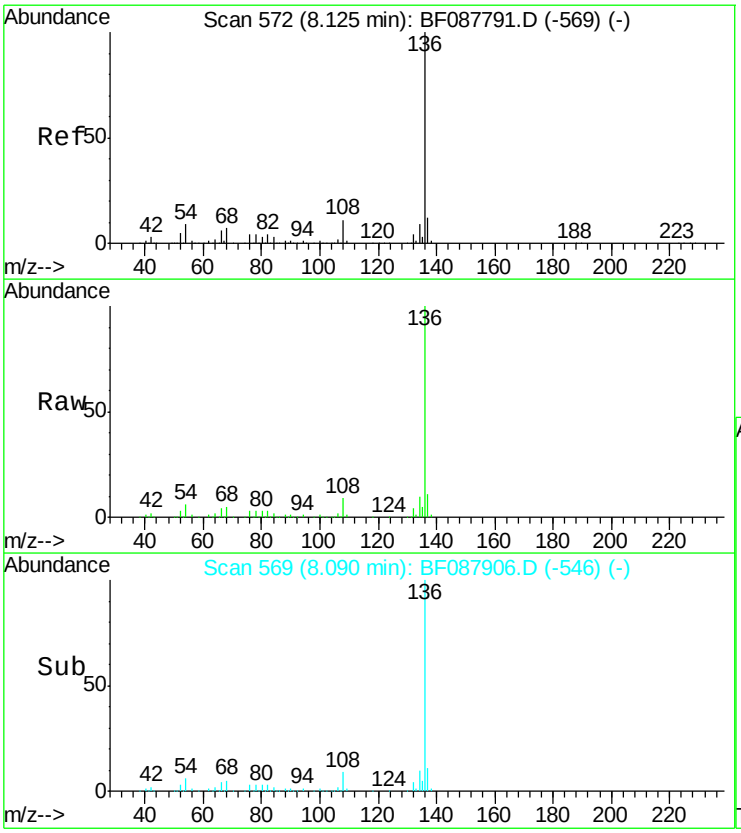
#19
n-Nitroso-di-n-propylamine
Concen: 15.87 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB91119BL

Tgt Ion: 70 Resp: 75506

Ion	Ratio	Lower	Upper
70	100		
42	39.2	49.6	74.4#
101	0.0	7.1	10.7#
130	2.9	15.4	23.2#

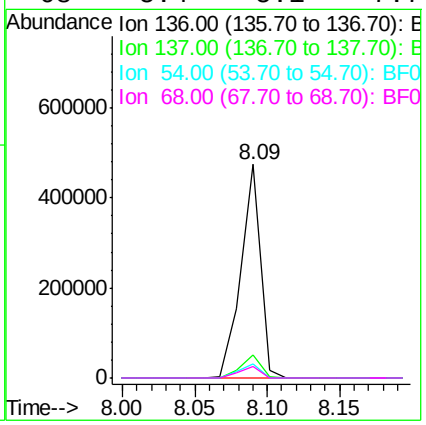


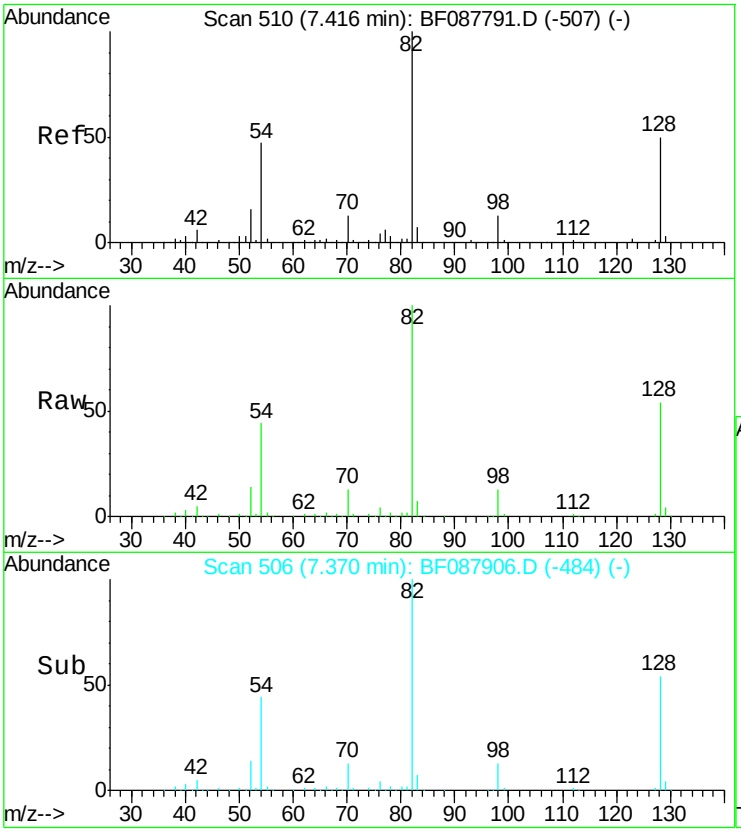


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Tgt Ion:136 Resp: 445442

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.3	6.6	10.0#
68	5.4	5.1	7.7



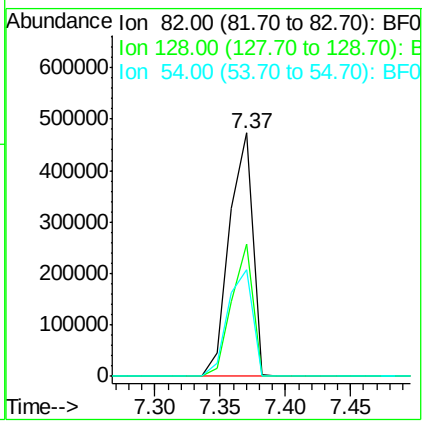


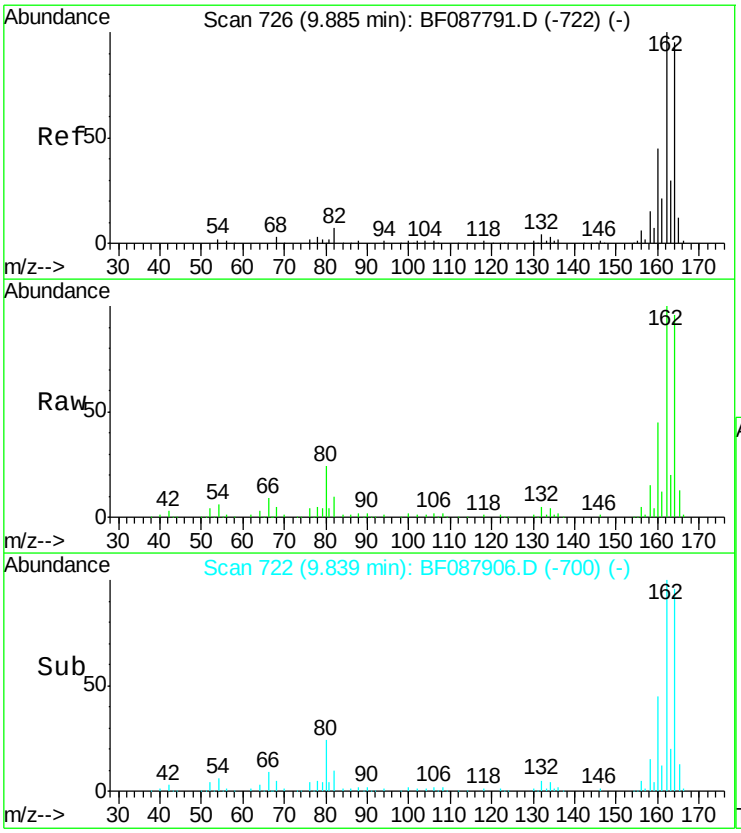
#23
Nitrobenzene-d5
Concen: 76.26 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB91119BL

Tgt Ion: 82 Resp: 581728

Ion	Ratio	Lower	Upper
82	100		
128	54.2	35.9	53.9#
54	43.6	40.9	61.3

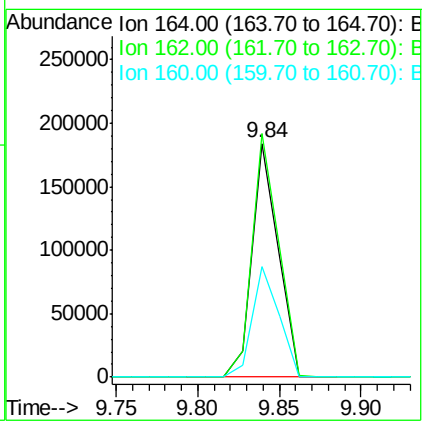


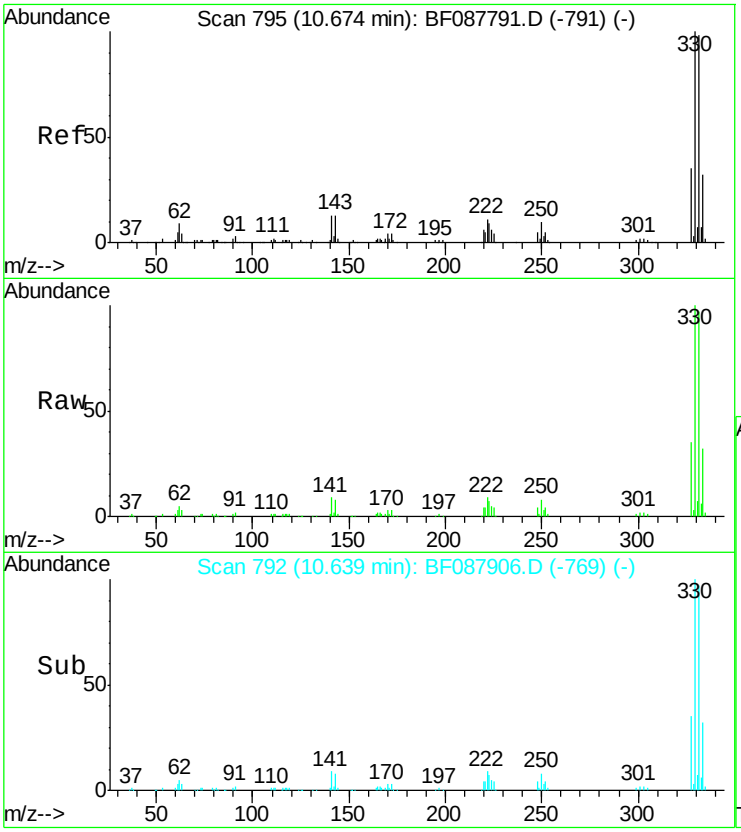


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Tgt Ion:164 Resp: 204659

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	47.1	39.5	59.3



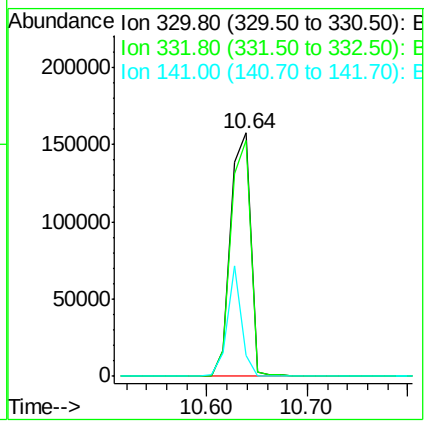


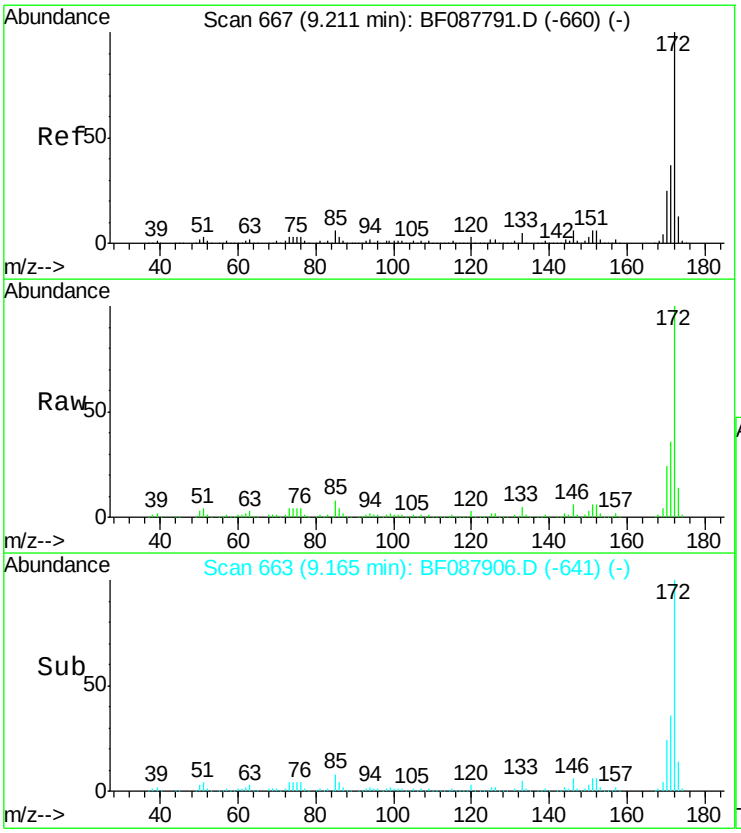
#41
2,4,6-Tribromophenol
Concen: 101.42 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Instrument : BNA_F
ClientSampleId : PB91119BL

Tgt Ion:330 Resp: 219173

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	32.2	0.0	0.0#

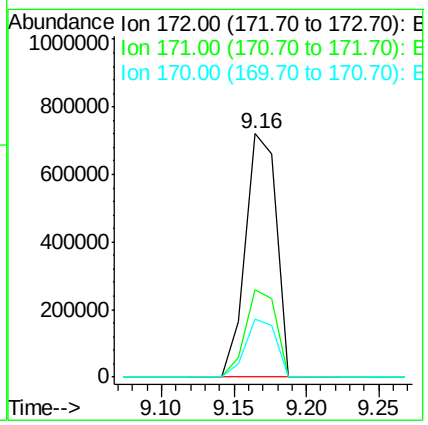


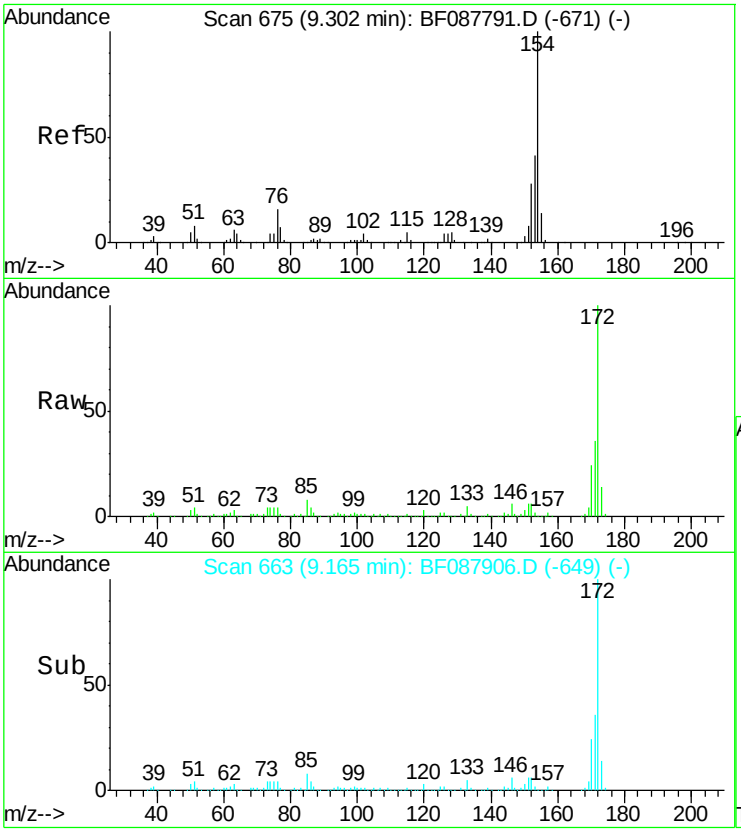


#44
2-Fluorobiphenyl
Concen: 81.59 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Tgt Ion:172 Resp: 1065788

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.9	19.2	28.8



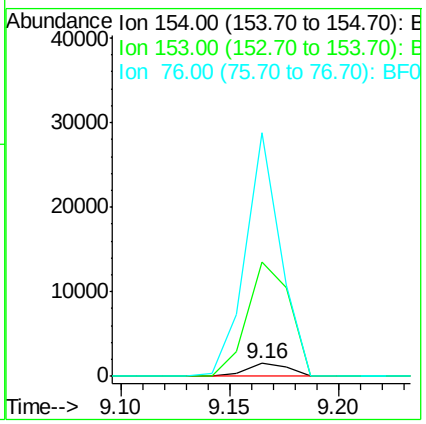


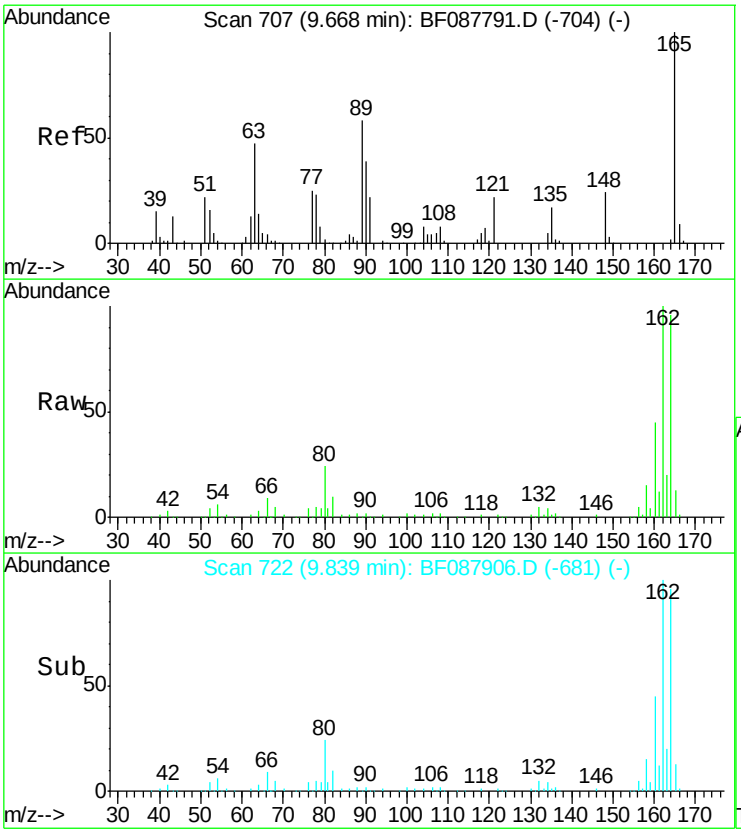
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.16 min Scan# 663
Delta R.T. -0.14 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Instrument : BNA_F
ClientSampleId : PB91119BL

Tgt Ion:154 Resp: 2001

Ion	Ratio	Lower	Upper
154	100		
153	874.2	20.6	60.6#
76	1866.7	0.0	35.1#

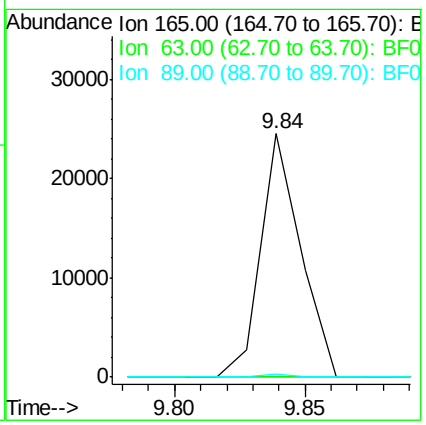


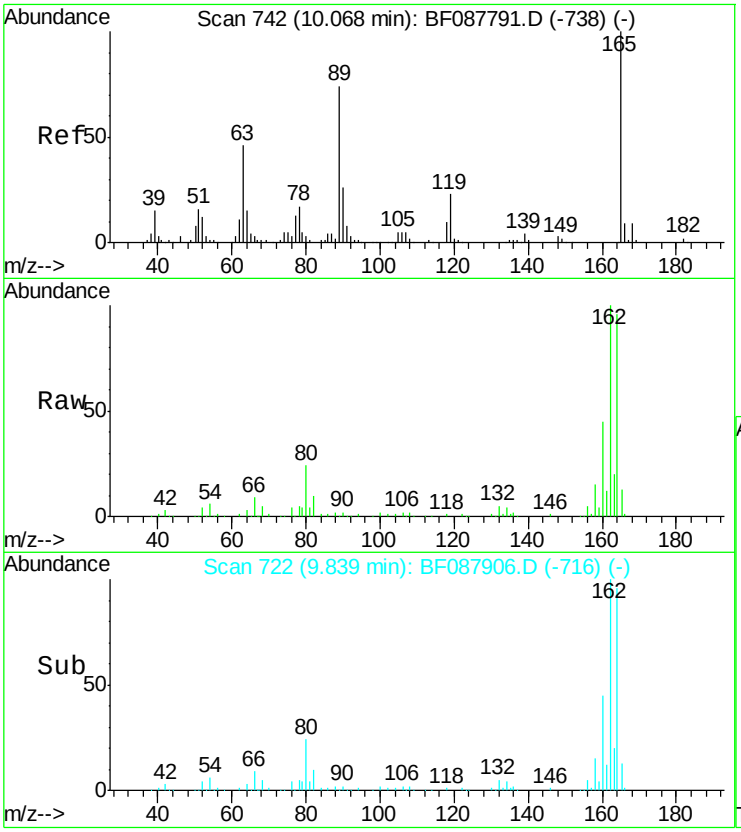


#50
2,6-Dinitrotoluene
Concen: 7.68 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.17 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Tgt Ion:165 Resp: 26086

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	1.4	32.2	48.2#



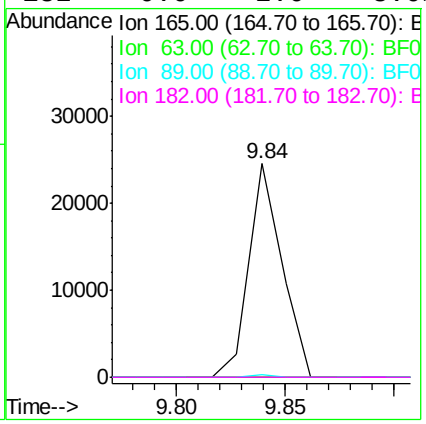


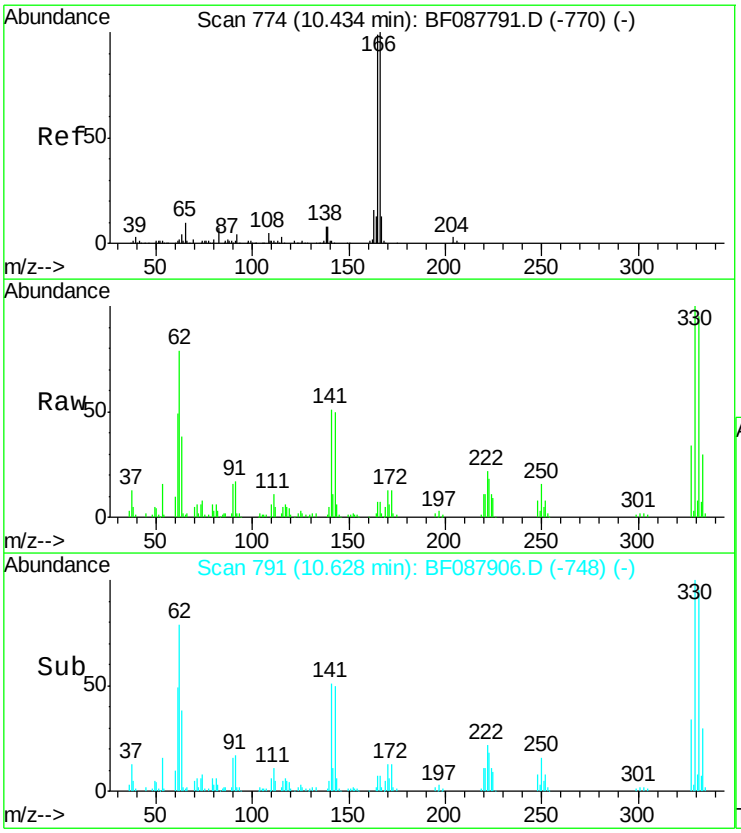
#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Instrument : BNA_F
ClientSampleId : PB91119BL

Tgt Ion:165 Resp: 26081

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

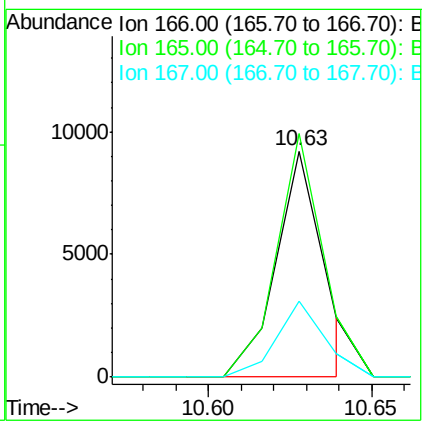


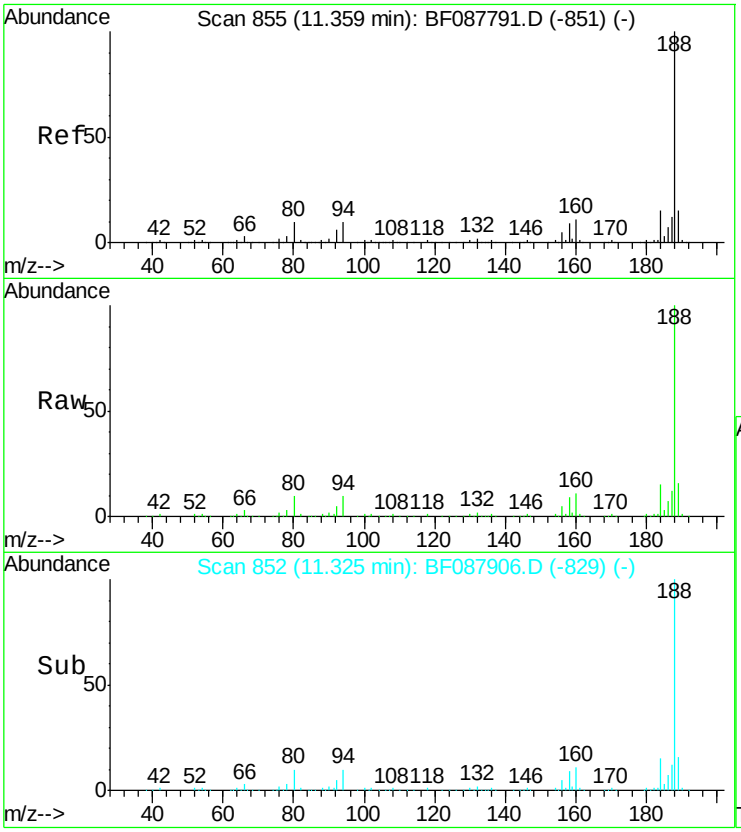


#57
Fluorene
Concen: Below Cal
RT: 10.63 min Scan# 791
Delta R.T. 0.19 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Tgt Ion:166 Resp: 9377

Ion	Ratio	Lower	Upper
166	100		
165	107.6	77.8	116.8
167	33.8	11.2	16.8#



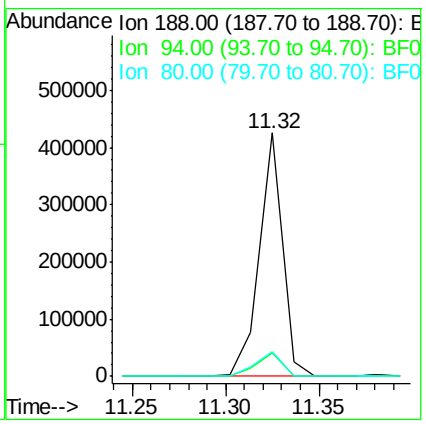


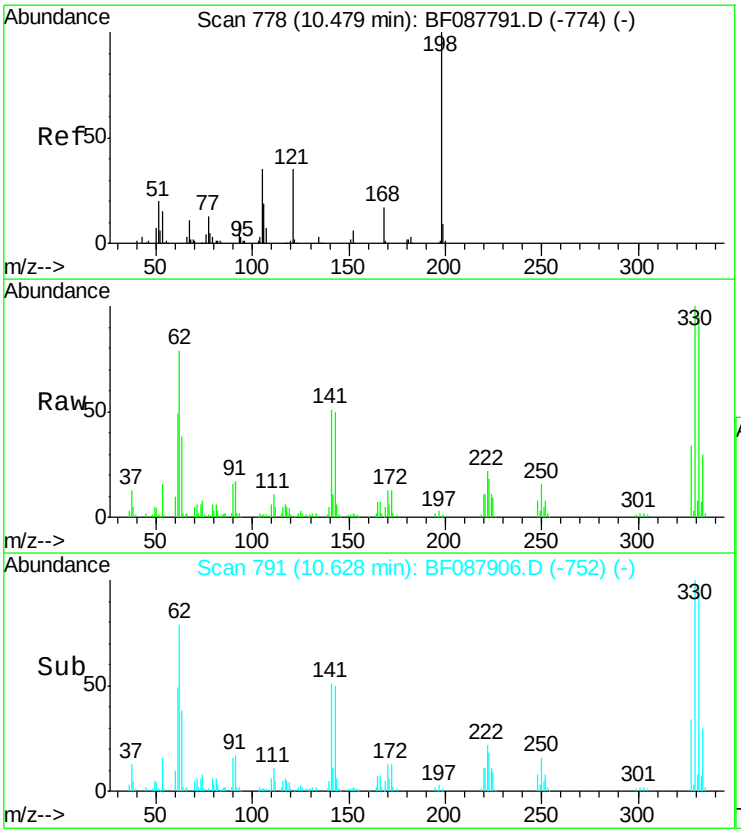
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB91119BL

Tgt Ion:188 Resp: 363784

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.0	13.6
80	10.0	10.0	15.0

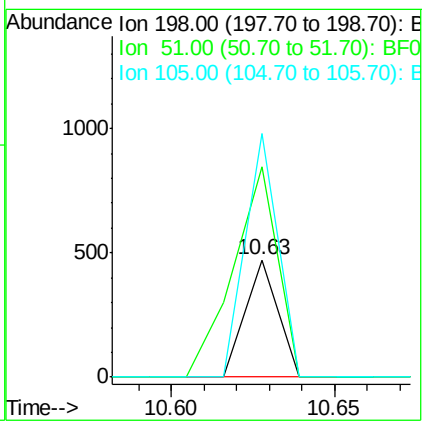


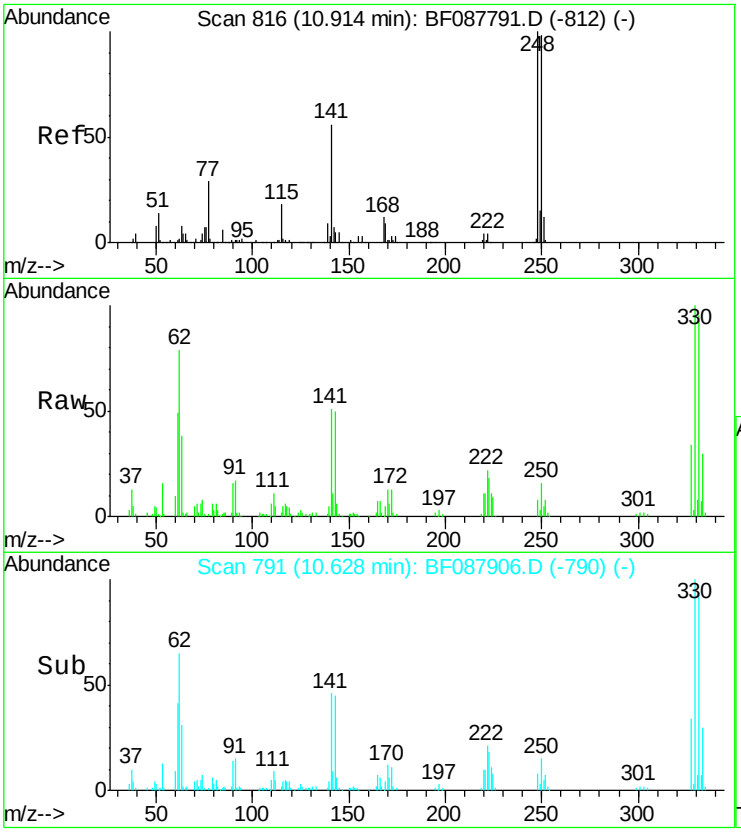


#64
4,6-Dinitro-2-methylphenol
Concen: 2.30 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Tgt Ion:198 Resp: 323

Ion	Ratio	Lower	Upper
198	100		
51	180.0	39.6	79.6#
105	207.9	36.6	76.6#



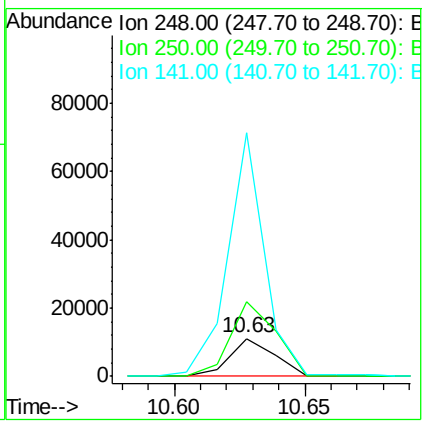


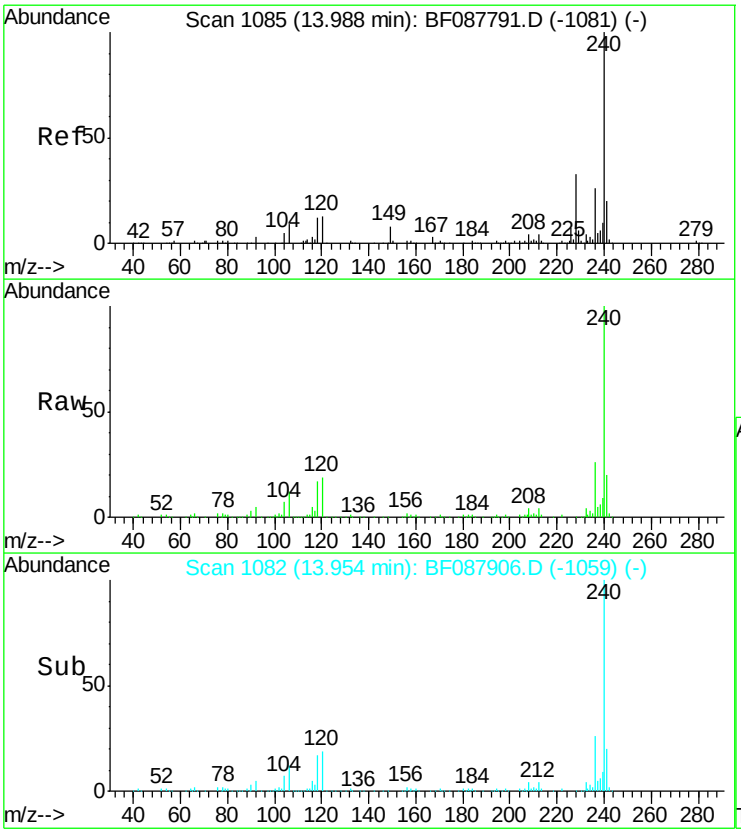
#66
4-Bromophenyl-phenylether
Concen: 3.37 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.29 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB91119BL

Tgt Ion:248 Resp: 13144

Ion	Ratio	Lower	Upper
248	100		
250	195.8	77.1	115.7#
141	638.8	50.6	76.0#

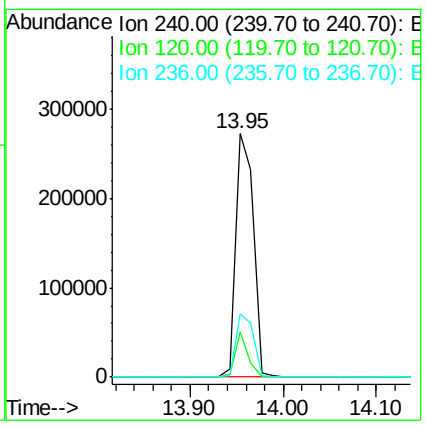


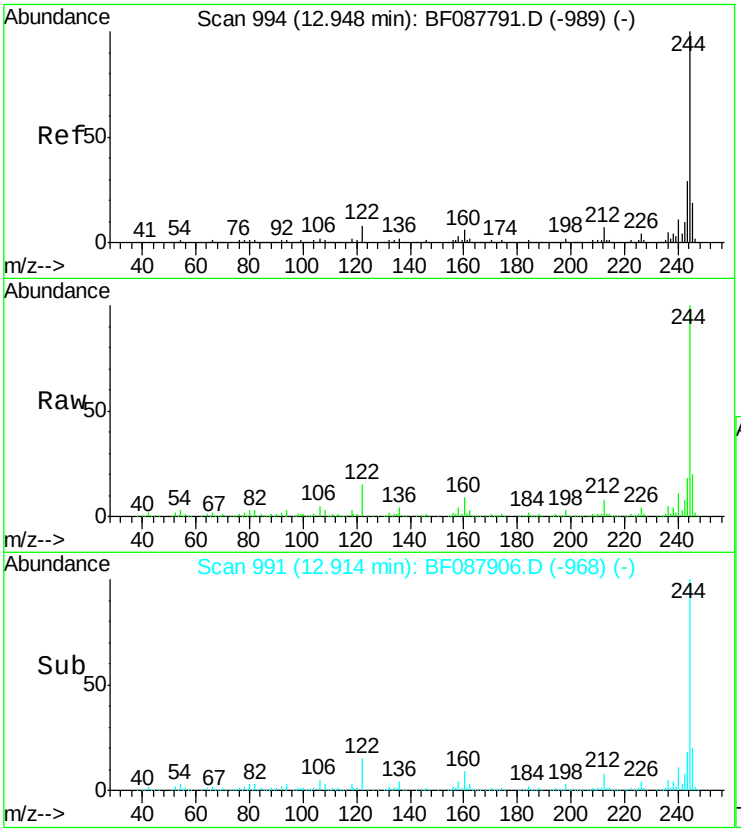


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Tgt Ion:240 Resp: 359928

Ion	Ratio	Lower	Upper
240	100		
120	18.7	6.8	10.2#
236	25.8	20.2	30.2



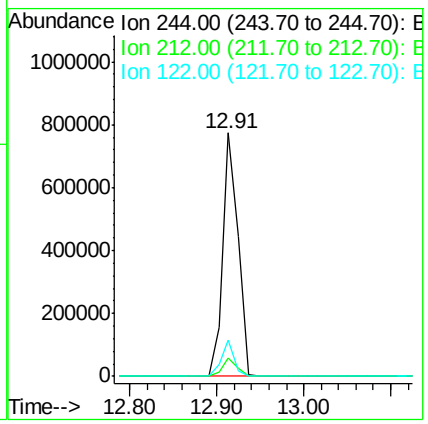


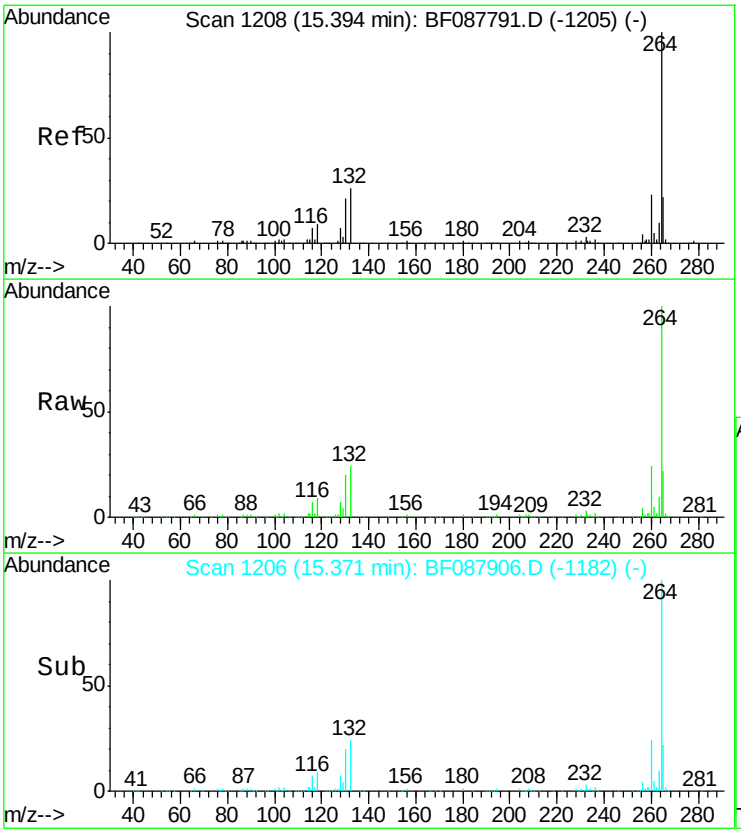
#78
Terphenyl-d14
Concen: 60.13 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB91119BL

Tgt Ion:244 Resp: 951014

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	15.1	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087906.D
Acq: 11 Jun 2016 17:07

Tgt Ion:264 Resp: 303468

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	16.9	25.3