Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087910.D
Acq On : 11 Jun 2016 19:05
Operator : UM/SJ
Sample : H3887-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-LF2MW4

Quant Time: Jun 12 04:40:52 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	103944	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	422031	20.00	ng	-0.03
38) Acenaphthene-d10	9.84	164	191954	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	423811	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	356875	20.00	ng	-0.03
86) Perylene-d12	15.37	264	303004	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	406914	66.92	ng	-0.03
7) Phenol-d6	6.43	99	309521	42.00	ng	-0.05
23) Nitrobenzene-d5	7.37	82	717108	99.22	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	296830	146.45	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1216177	100.54	ng	-0.03
78) Terphenyl-d14	12.91	244	1144812	73.00	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	16239	3.04	ng	# 76
10) Phenol	6.57	94	1477	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	95339	20.22	ng	# 71
45) 1,1'-Biphenyl	9.16	154	2175	Below Cal		# 1
50) 2,6-Dinitrotoluene	9.84	165	24776	7.78	ng	# 39
56) 2,4-Dinitrotoluene	9.84	165	24777	6.05	ng	# 37
57) Fluorene	10.63	166	12797	Below Cal		# 88
64) 4,6-Dinitro-2-methylphenol	10.63	198	579	2.37	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	18742	4.12	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087910.D
Acq On : 11 Jun 2016 19:05
Operator : UM/SJ
Sample : H3887-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Quant Time: Jun 12 04:40:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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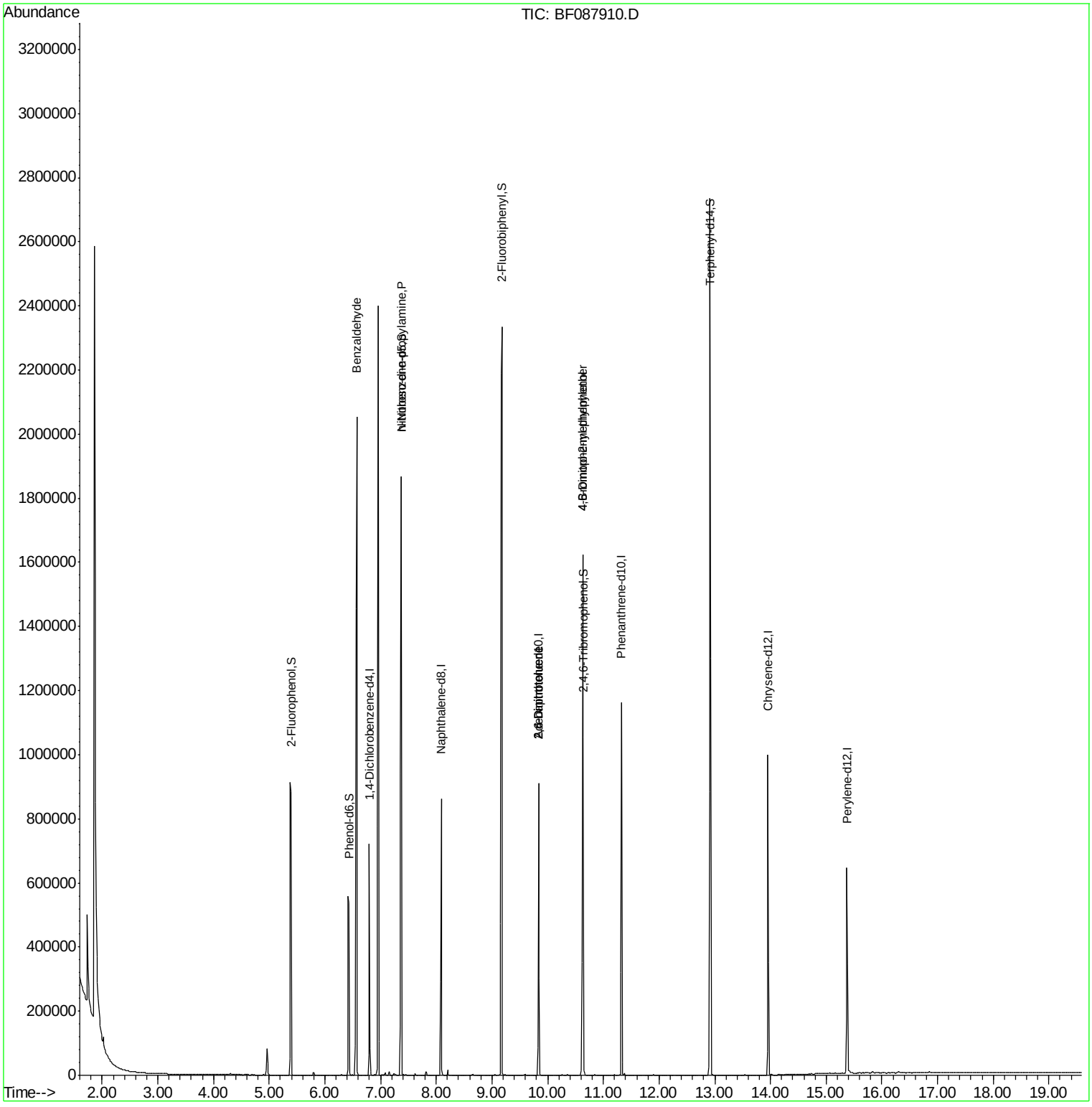
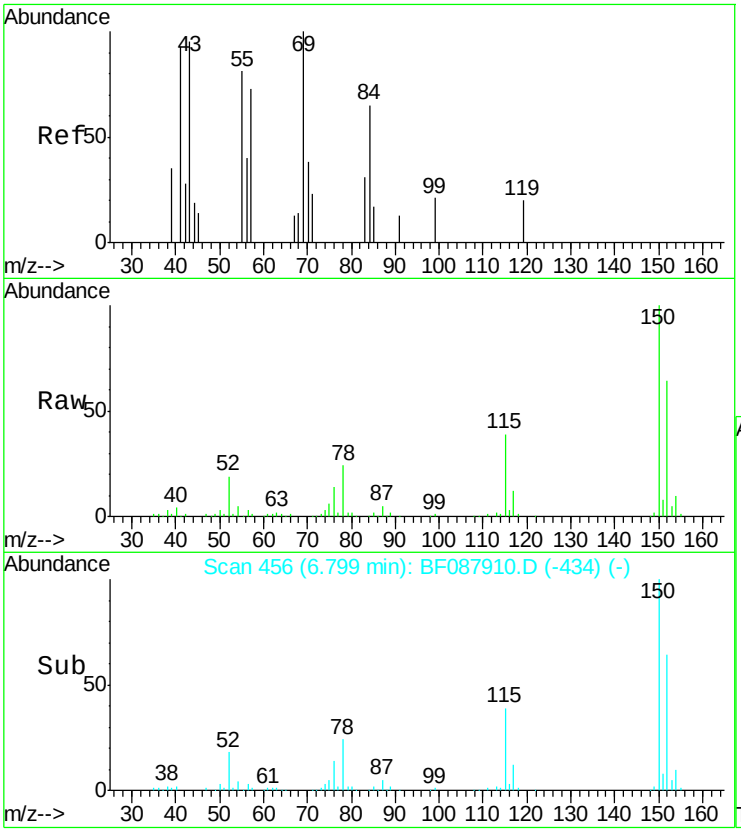


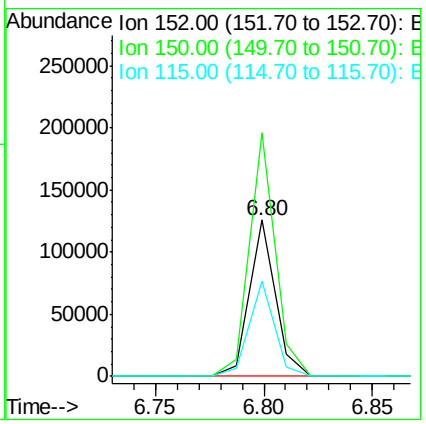


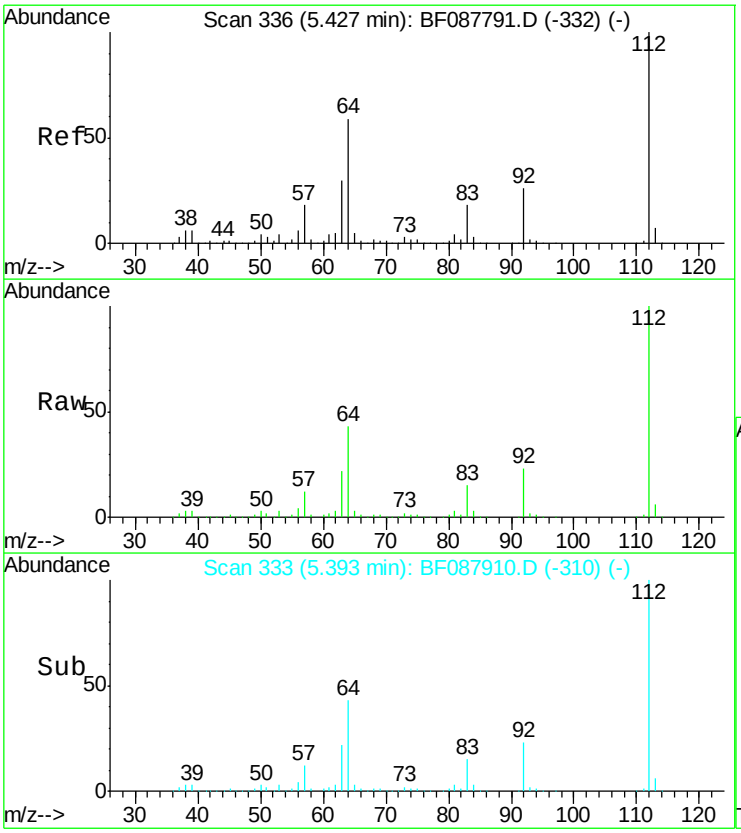
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Tgt Ion:152 Resp: 103944

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.8	185.6
115	60.8	39.6	59.4#

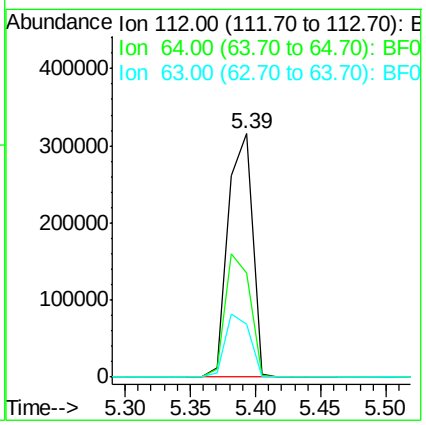


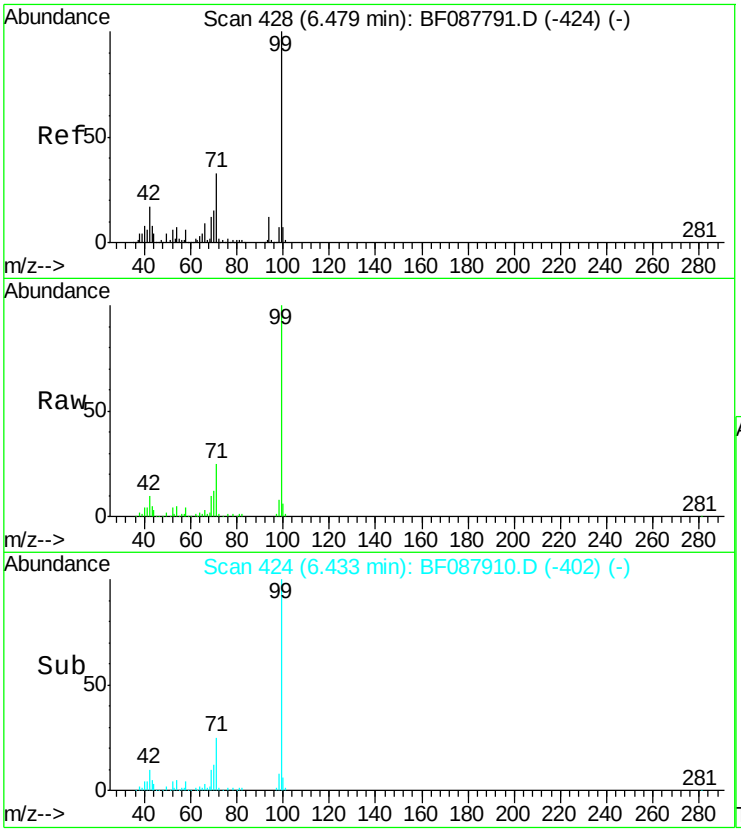


#5
2-Fluorophenol
Concen: 66.92 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.03 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Tgt Ion:112 Resp: 406914

Ion	Ratio	Lower	Upper
112	100		
64	43.0	42.2	63.2
63	21.8	21.8	32.8



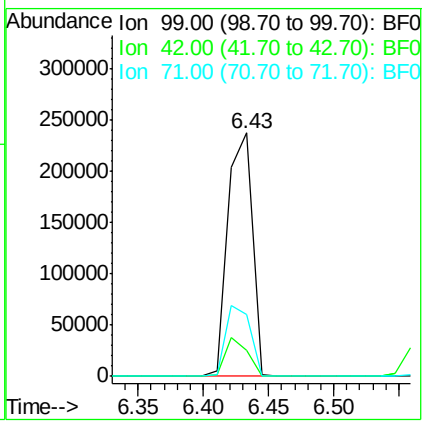


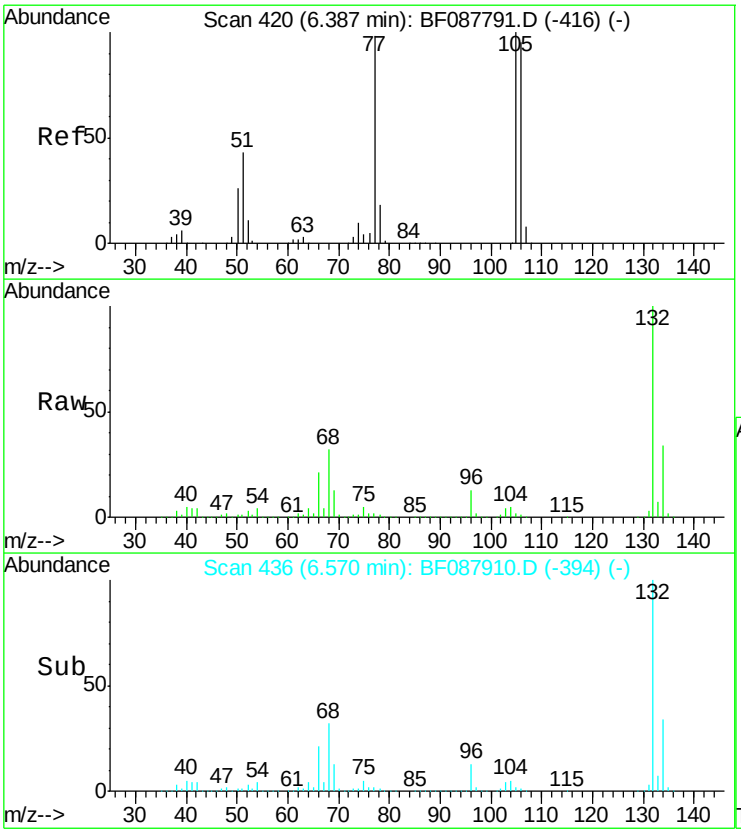
#7
Phenol-d6
Concen: 42.00 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Tgt Ion: 99 Resp: 309521

Ion	Ratio	Lower	Upper
99	100		
42	10.5	12.2	18.2#
71	25.2	23.4	35.0

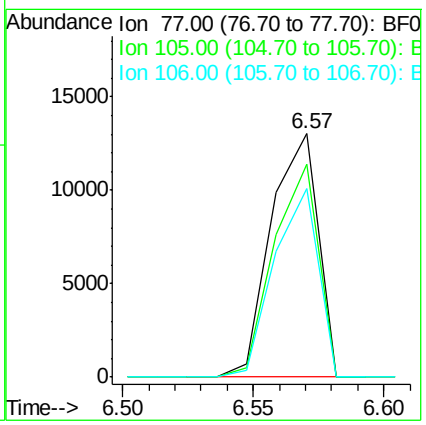


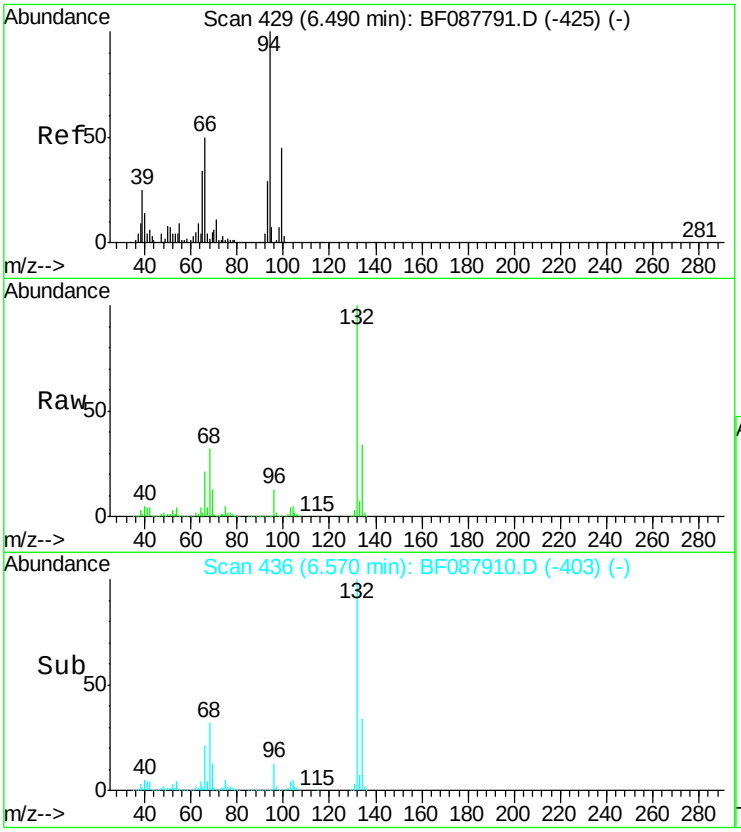


#9
Benzaldehyde
Concen: 3.04 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.18 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Tgt Ion: 77 Resp: 16239

Ion	Ratio	Lower	Upper
77	100		
105	87.5	90.6	130.6#
106	77.5	85.3	125.3#



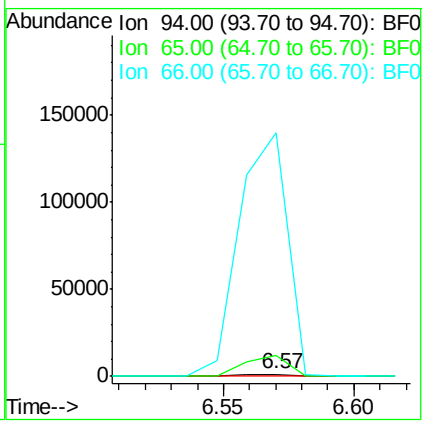


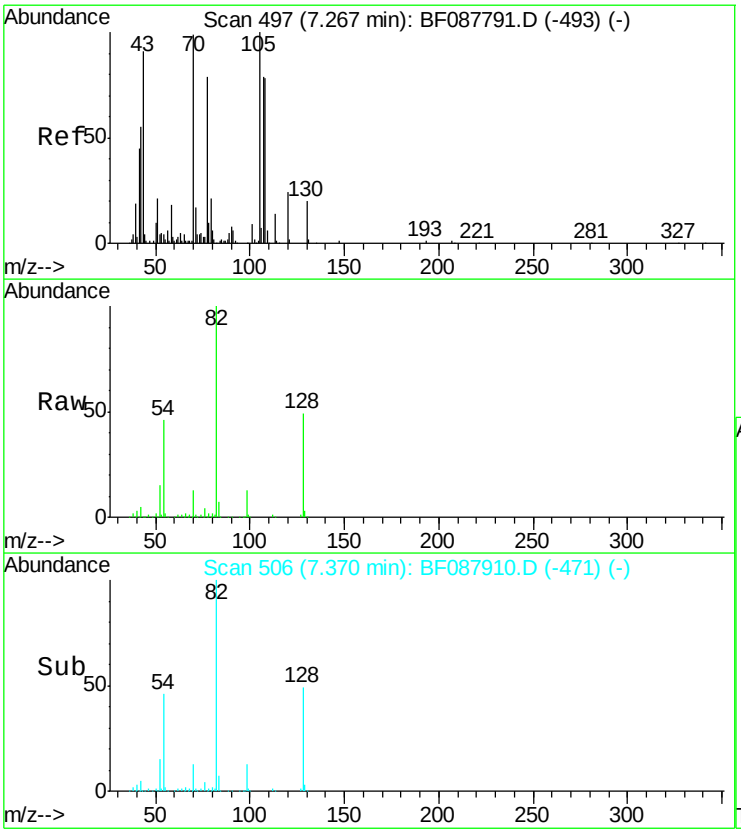
#10
Phenol
Concen: Below Cal
RT: 6.57 min Scan# 436
Delta R.T. 0.08 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Tgt Ion: 94 Resp: 1477

Ion	Ratio	Lower	Upper
94	100		
65	940.8	5.9	45.9#
66	10798.5	14.0	54.0#

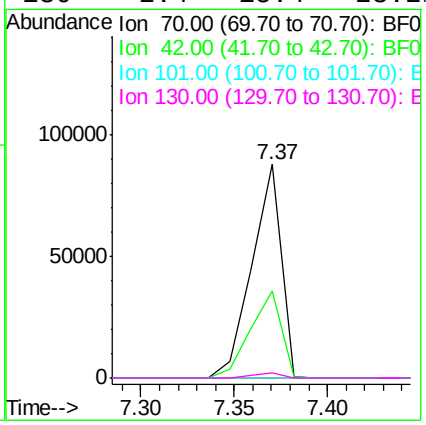


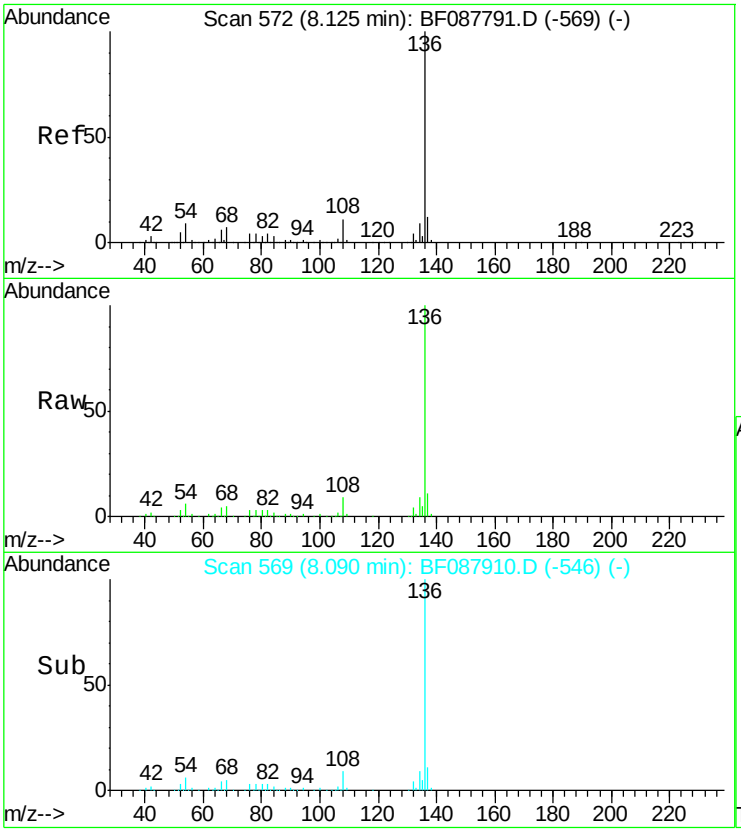


#19
n-Nitroso-di-n-propylamine
Concen: 20.22 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Tgt Ion: 70 Resp: 95339

Ion	Ratio	Lower	Upper
70	100		
42	40.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



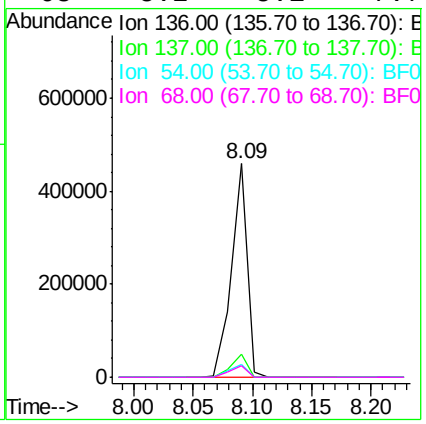


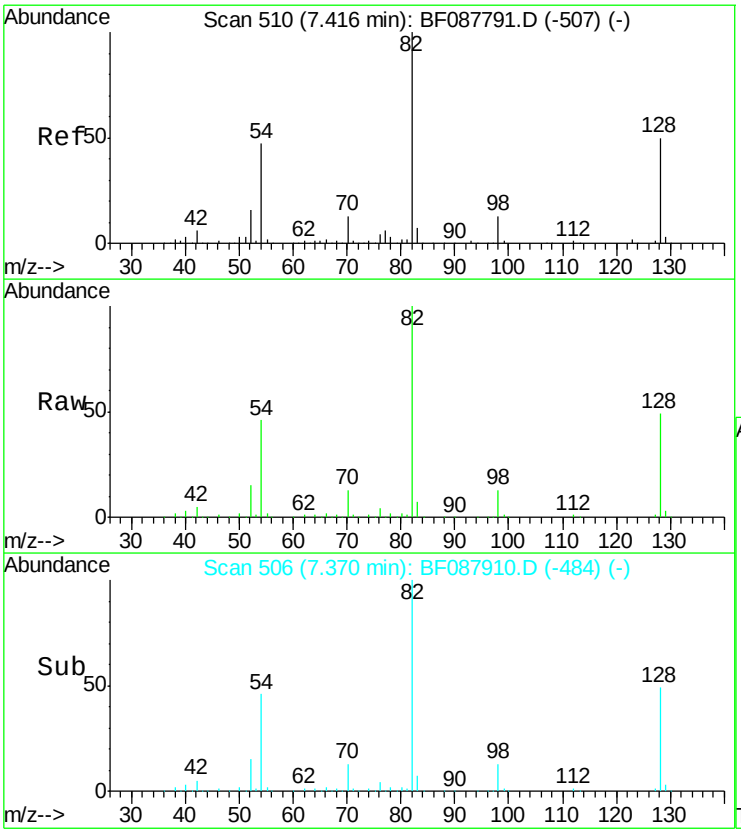
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Tgt Ion:136 Resp: 422031

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.3	6.6	10.0#
68	5.2	5.1	7.7

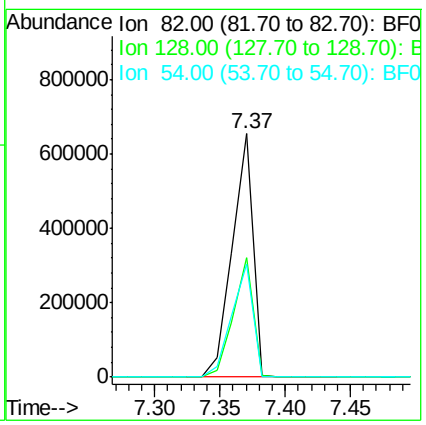


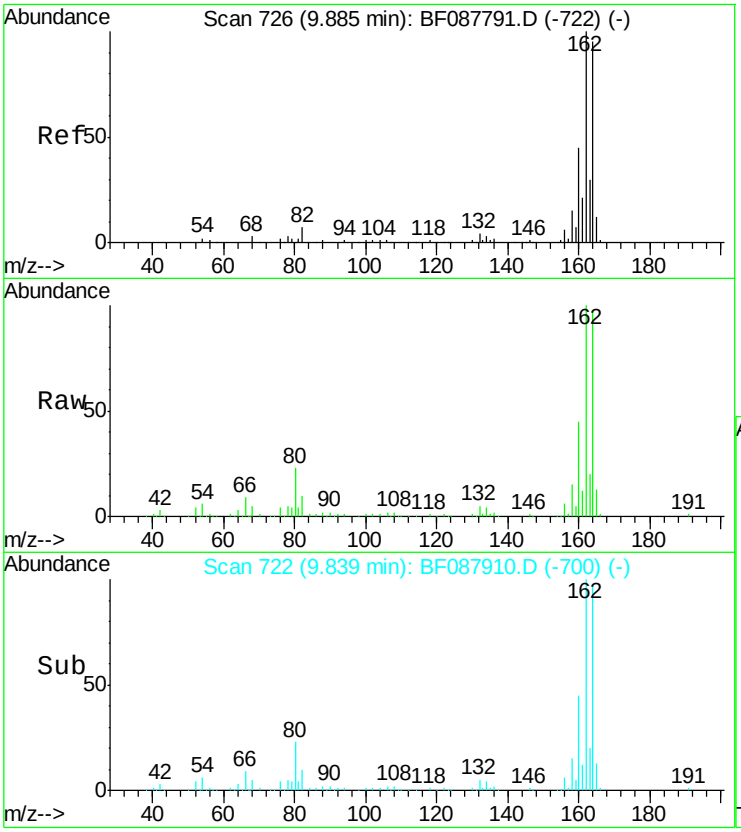


#23
Nitrobenzene-d5
Concen: 99.22 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Tgt Ion: 82 Resp: 717108

Ion	Ratio	Lower	Upper
82	100		
128	49.2	35.9	53.9
54	46.4	40.9	61.3



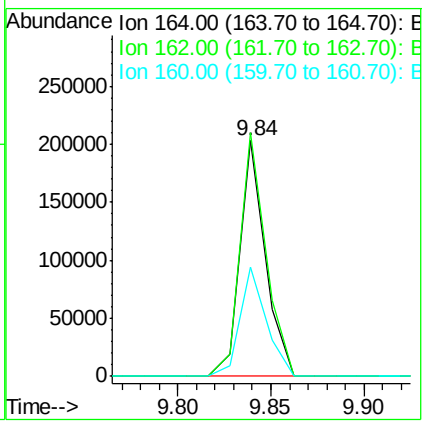


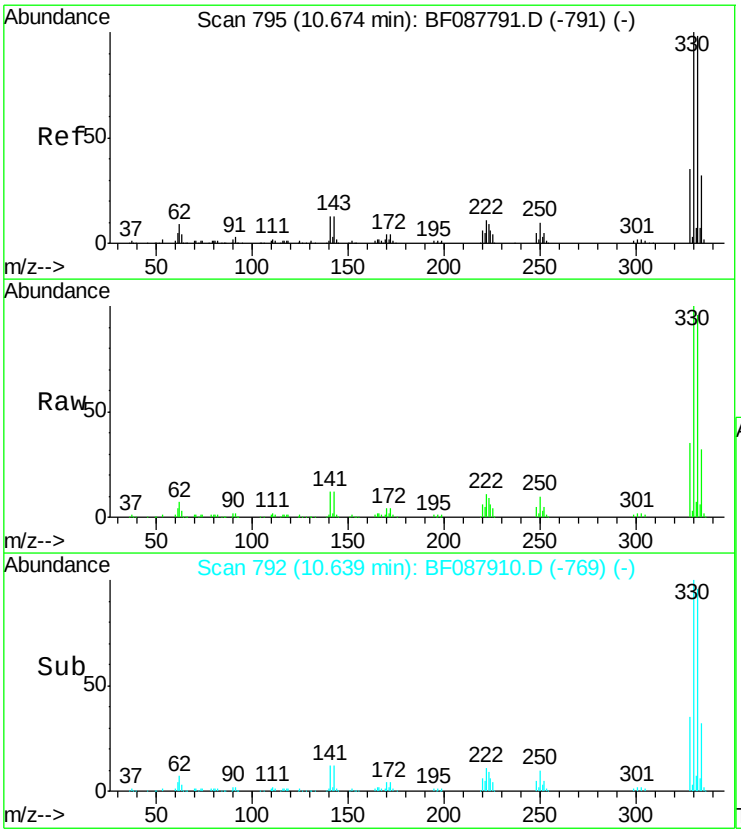
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Tgt Ion:164 Resp: 191954

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.4	128.2
160	46.4	39.5	59.3

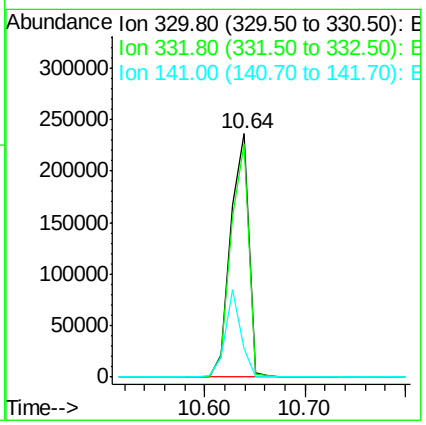


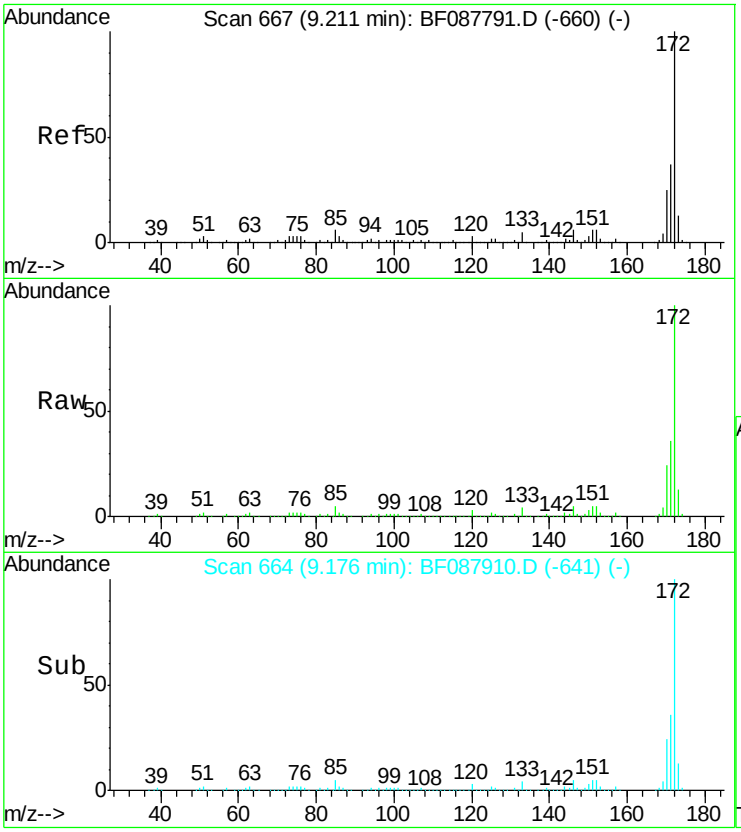


#41
2,4,6-Tribromophenol
Concen: 146.45 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Tgt Ion:330 Resp: 296830

Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	31.1	0.0	0.0#



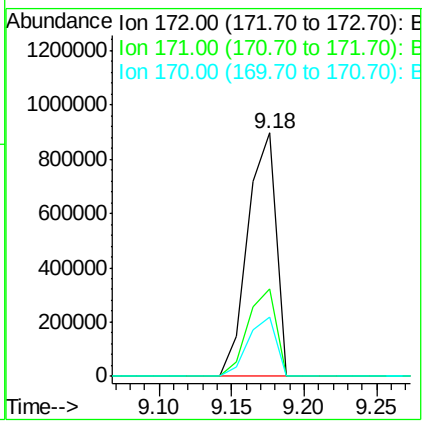


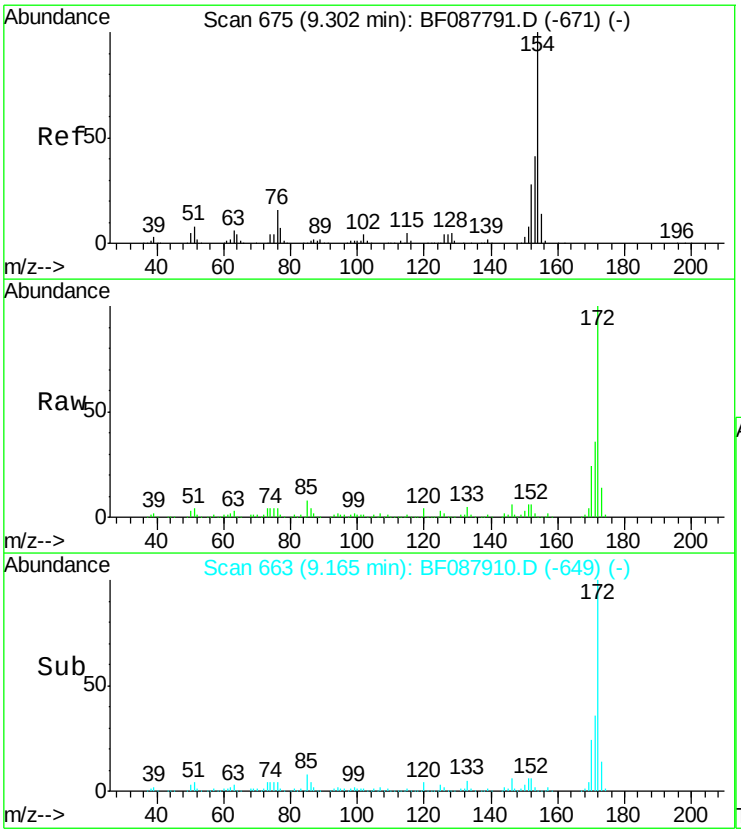
#44
2-Fluorobiphenyl
Concen: 100.54 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Tgt Ion:172 Resp: 1216177

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.2	19.2	28.8

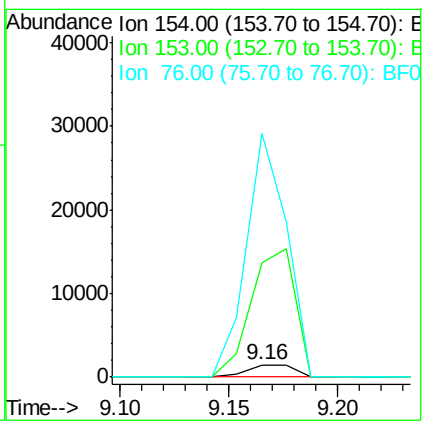


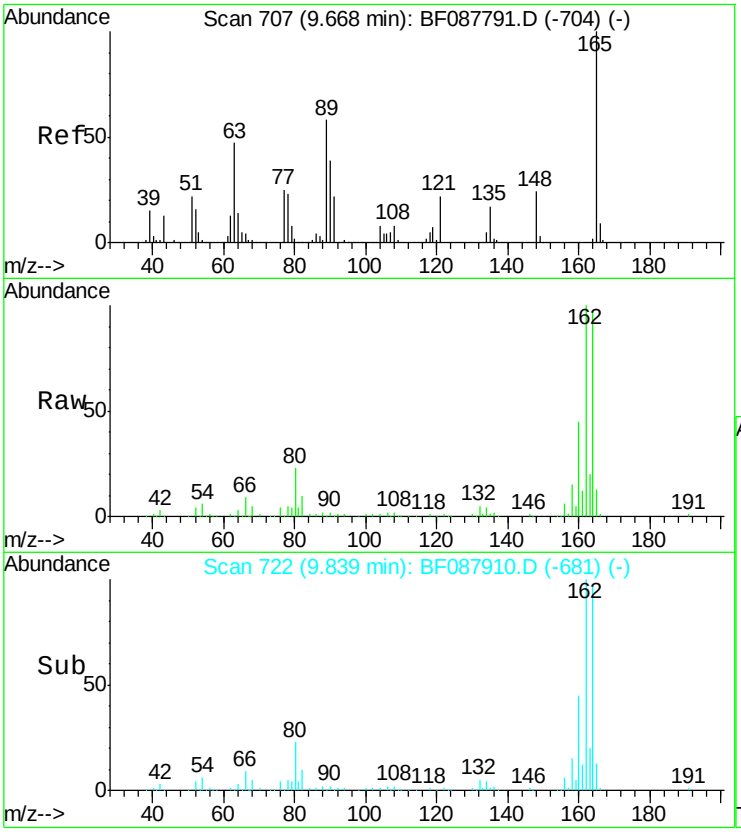


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.16 min Scan# 663
Delta R.T. -0.14 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Tgt Ion:154 Resp: 2175

Ion	Ratio	Lower	Upper
154	100		
153	934.5	20.6	60.6#
76	1989.6	0.0	35.1#



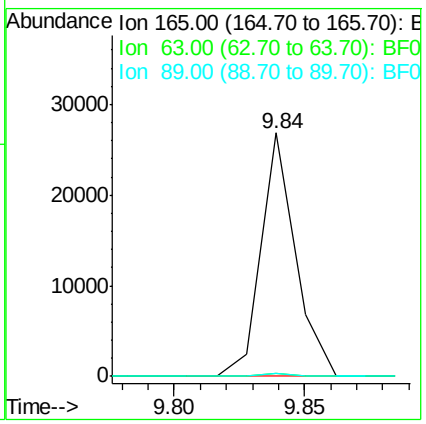


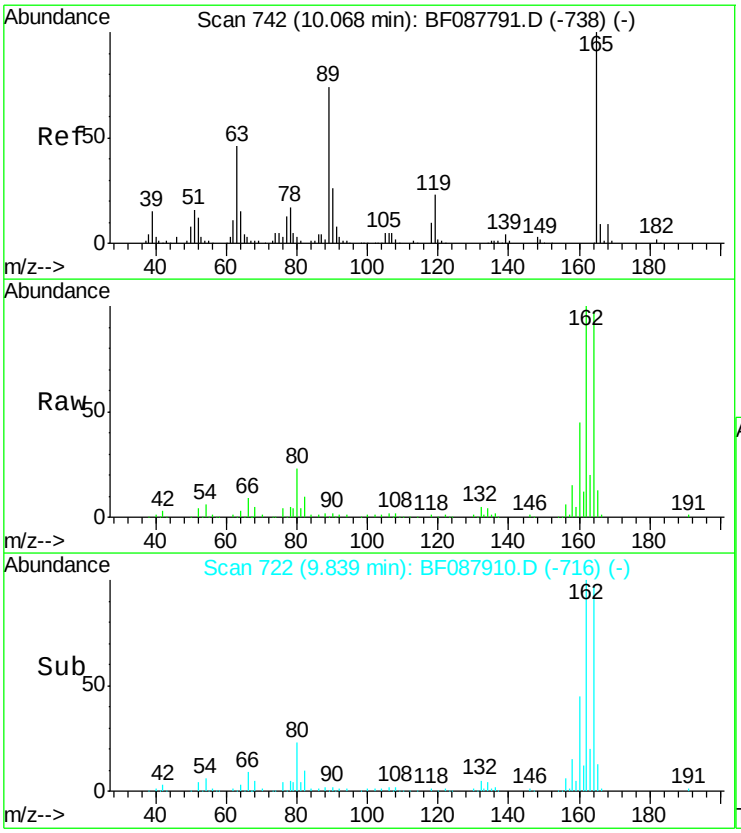
#50
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.17 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Tgt Ion:165 Resp: 24776

Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.1	42.1#
89	1.1	32.2	48.2#

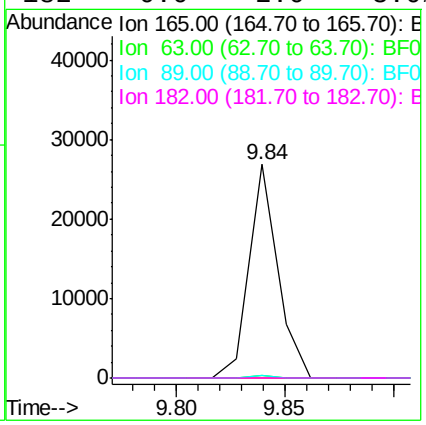


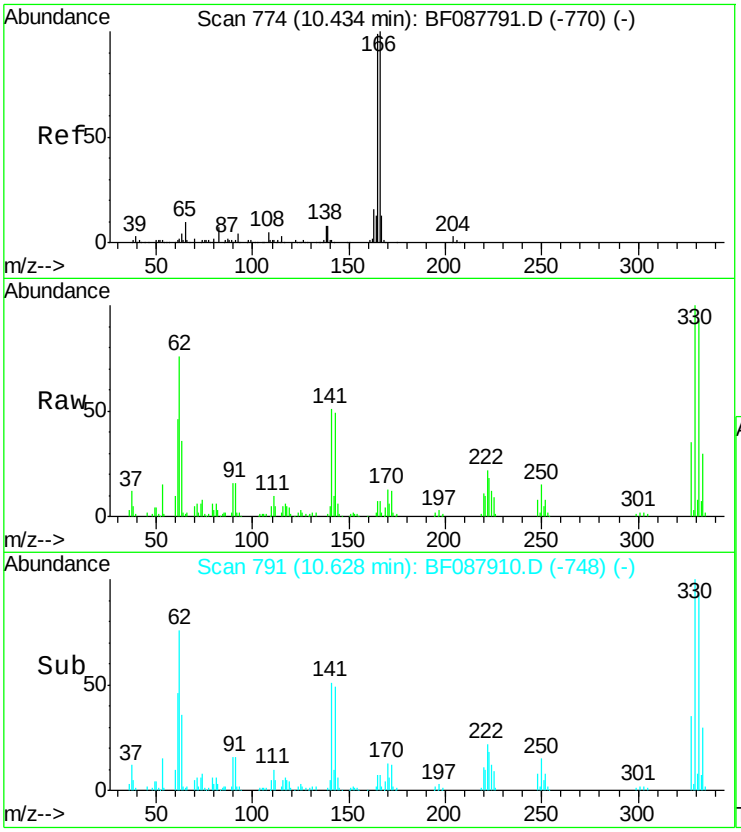


#56
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.23 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Tgt Ion:165 Resp: 24777

Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.1	41.1	61.7#
182	0.0	2.0	3.0#



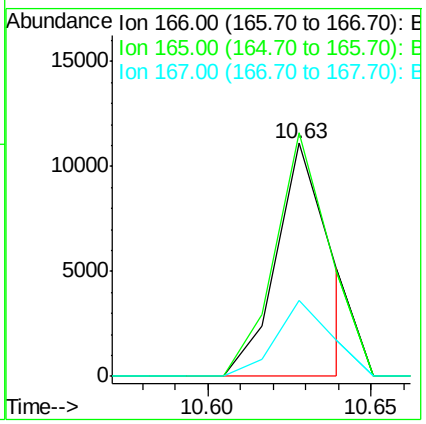


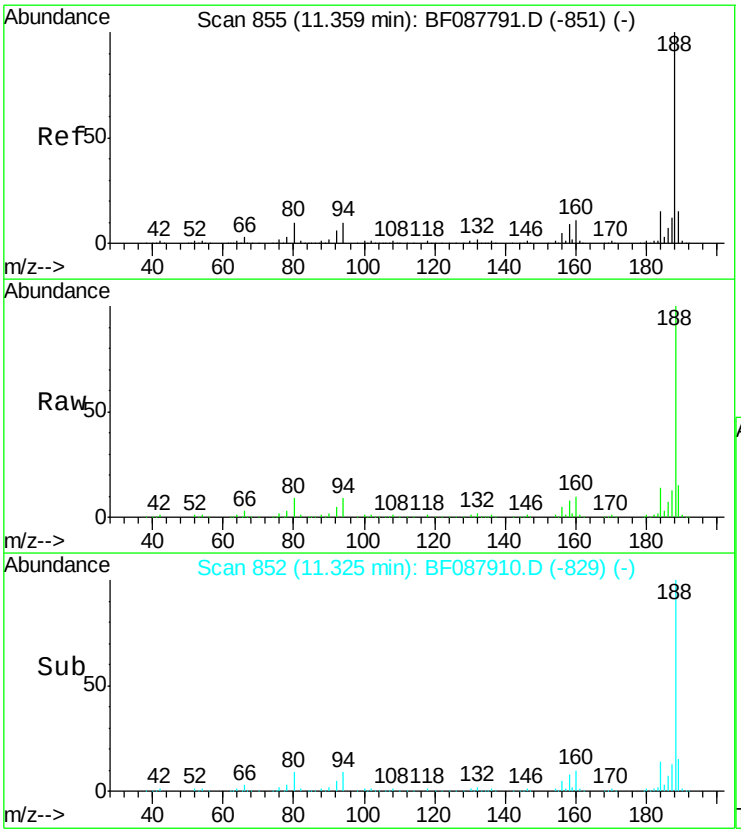
#57
Fluorene
Concen: Below Cal
RT: 10.63 min Scan# 791
Delta R.T. 0.19 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Tgt Ion:166 Resp: 12797

Ion	Ratio	Lower	Upper
166	100		
165	104.5	77.8	116.8
167	32.6	11.2	16.8#

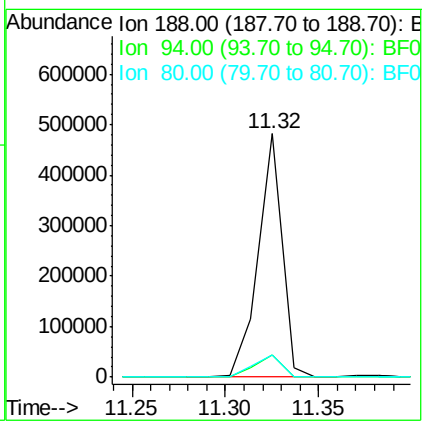


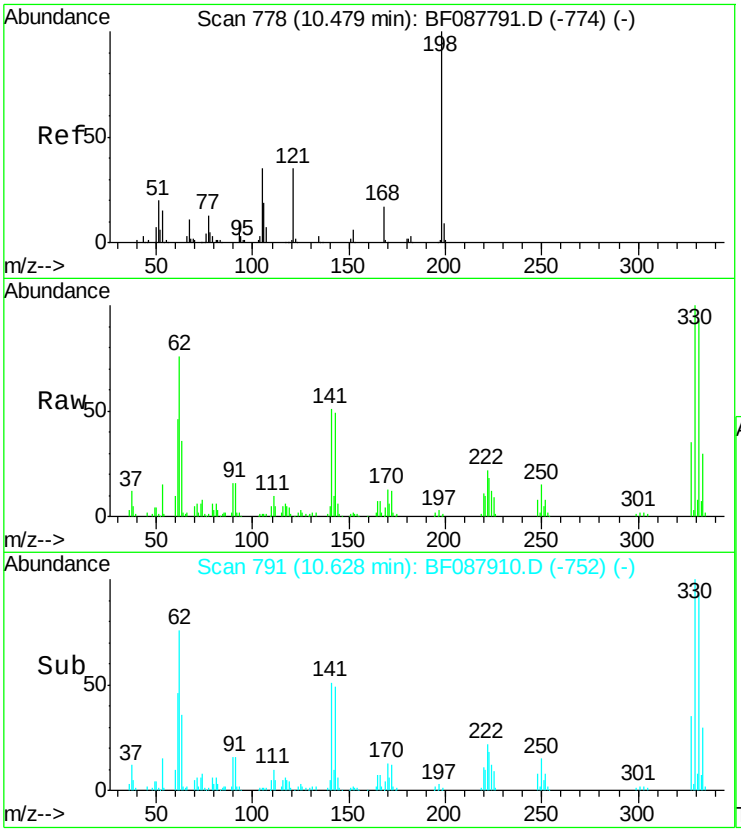


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Tgt Ion:188 Resp: 423811

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.6
80	9.4	10.0	15.0#



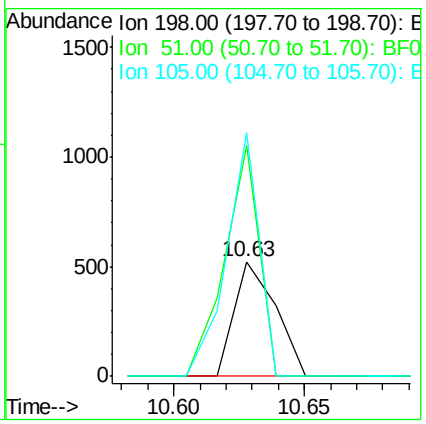


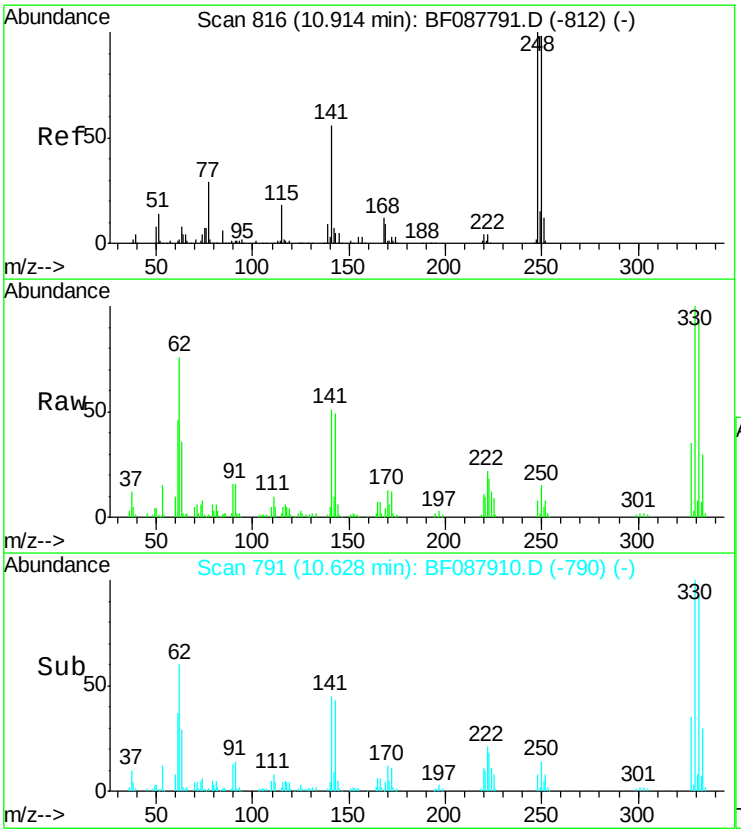
#64
4,6-Dinitro-2-methylphenol
Concen: 2.37 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Tgt Ion:198 Resp: 579

Ion	Ratio	Lower	Upper
198	100		
51	202.1	39.6	79.6#
105	212.6	36.6	76.6#

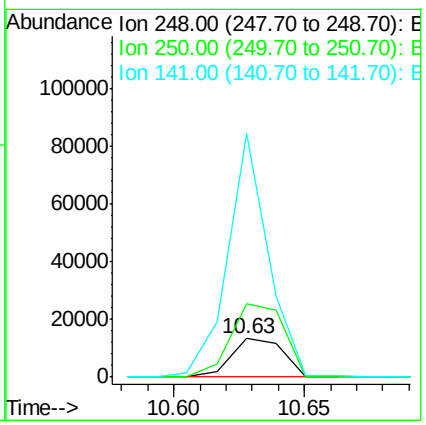


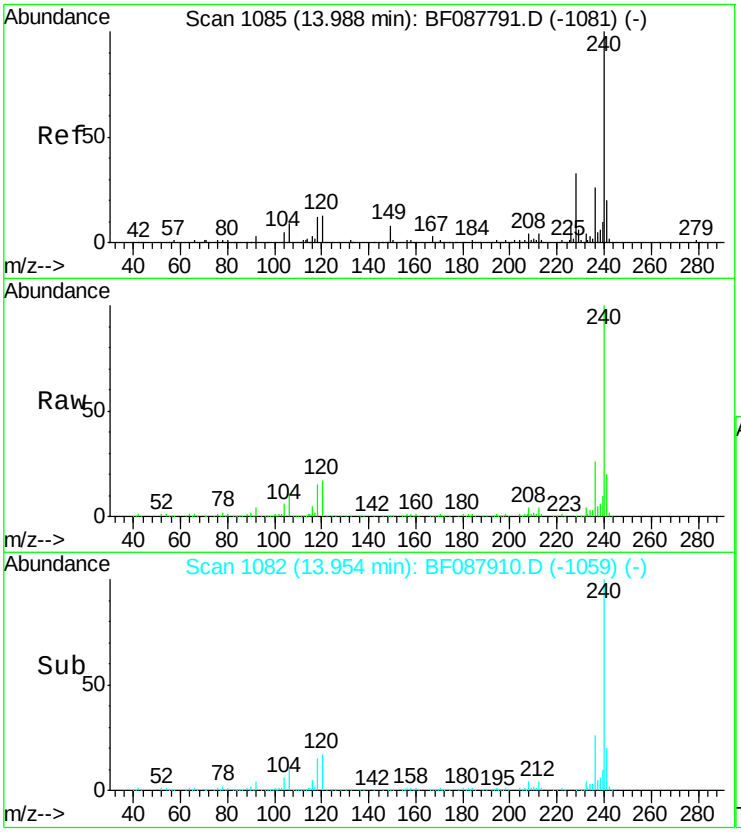


#66
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.29 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Tgt Ion:248 Resp: 18742

Ion	Ratio	Lower	Upper
248	100		
250	189.9	77.1	115.7#
141	630.7	50.6	76.0#



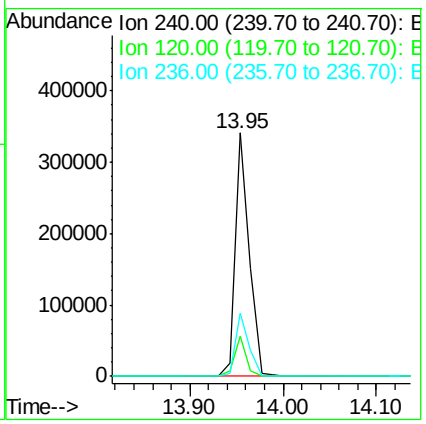


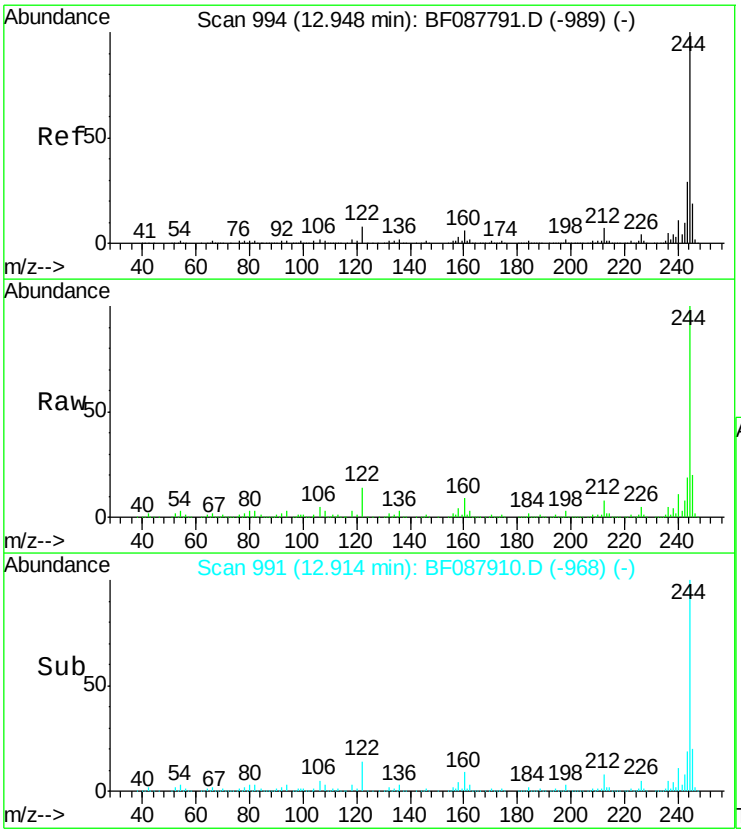
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Tgt Ion:240 Resp: 356875

Ion	Ratio	Lower	Upper
240	100		
120	16.6	6.8	10.2#
236	25.9	20.2	30.2

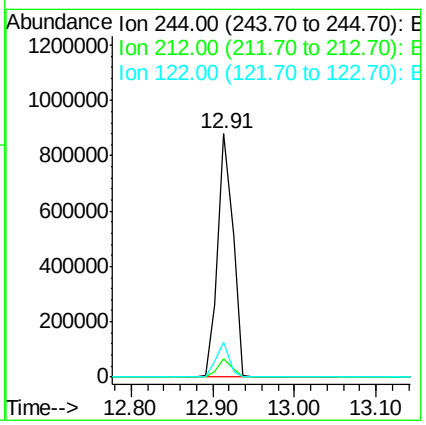


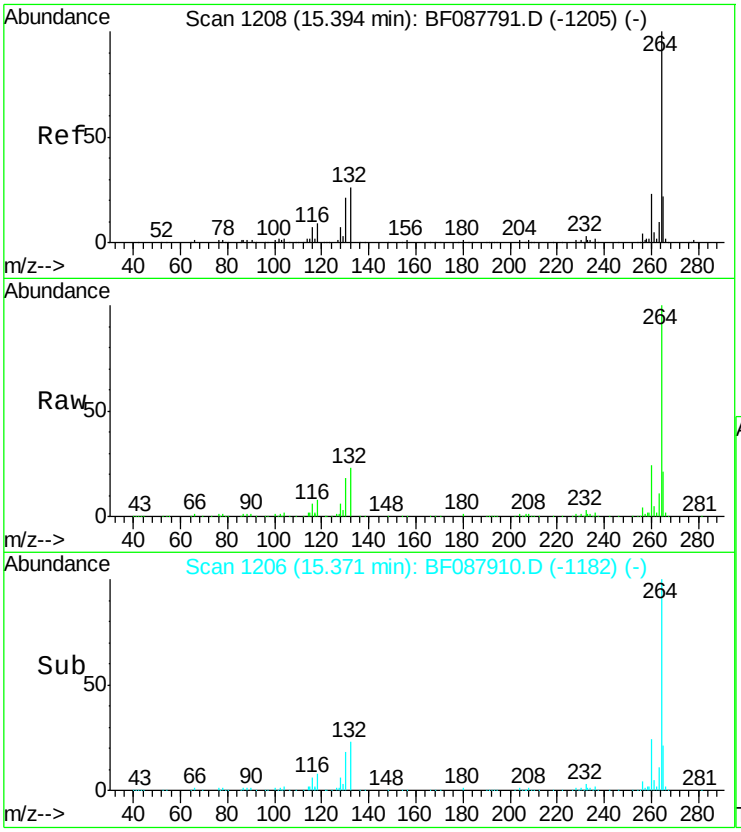


#78
Terphenyl-d14
Concen: 73.00 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087910.D
Acq: 11 Jun 2016 19:05

Tgt Ion:244 Resp: 1144812

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.2	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: BF087910.D
Acq: 11 Jun 2016 19:05

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW4

Tgt Ion:264 Resp: 303004

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	16.9	25.3