Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087958.D
Acq On : 12 Jun 2016 20:01
Operator : UM/SJ
Sample : H3440-07
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-13

Quant Time: Jun 13 05:00:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116317	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	473718	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	213641	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	419163	20.00	ng		0.00
75) Chrysene-d12	13.95	240	311055	20.00	ng		-0.01
86) Perylene-d12	15.37	264	240868	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	431445	63.41	ng		0.00
7) Phenol-d6	6.43	99	377858	45.82	ng		-0.01
23) Nitrobenzene-d5	7.37	82	664096	81.86	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	295289	130.90	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1300667	96.38	ng		0.00
78) Terphenyl-d14	12.91	244	1025582	75.03	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	16171	2.78	ng	#	77
10) Phenol	6.44	94	1373	Below Cal			88
15) Benzyl Alcohol	6.96	79	13058	2.02	ng	#	35
18) Hexachloroethane	7.38	117	261816	84.77	ng	#	46
19) n-Nitroso-di-n-propylamine	7.37	70	90677	17.19	ng	#	73
24) Nitrobenzene	7.35	77	36766	4.68	ng	#	15
37) 2-Methylnaphthalene	8.90	142	558225	36.13	ng	#	93
45) 1,1'-Biphenyl	9.37	154	977	Below Cal		#	1
49) Dimethylphthalate	9.56	163	78918	5.10	ng		99
54) Dibenzofuran	10.04	168	37810	2.00	ng	#	85
57) Fluorene	10.39	166	28045	Below Cal			94
64) 4,6-Dinitro-2-methylphenol	10.34	198	1270	2.63	ng	#	54
66) 4-Bromophenyl-phenylether	10.63	248	17956	3.99	ng	#	1

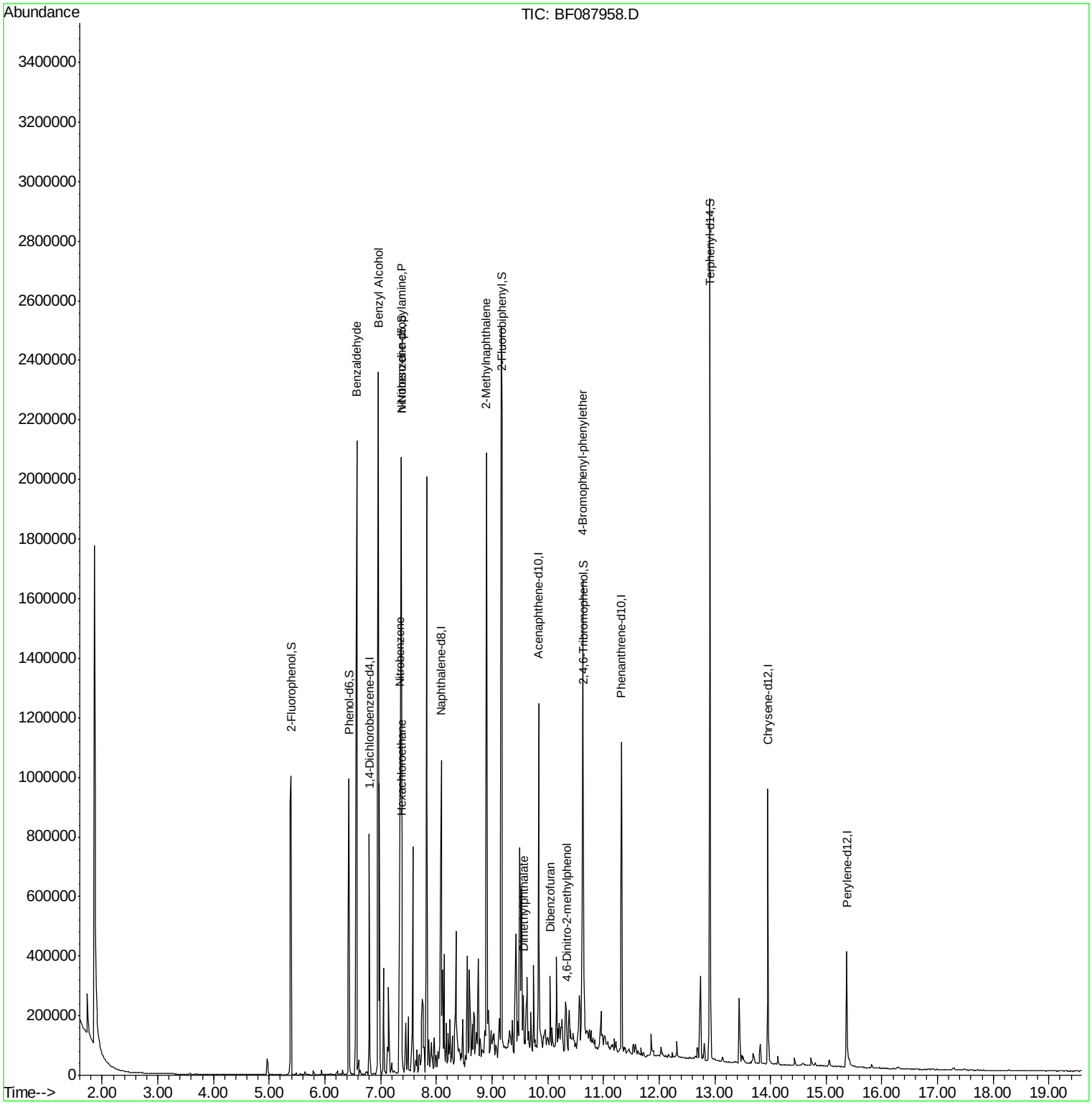
(#) = qualifier out of range (m) = manual integration (+) = signals summed

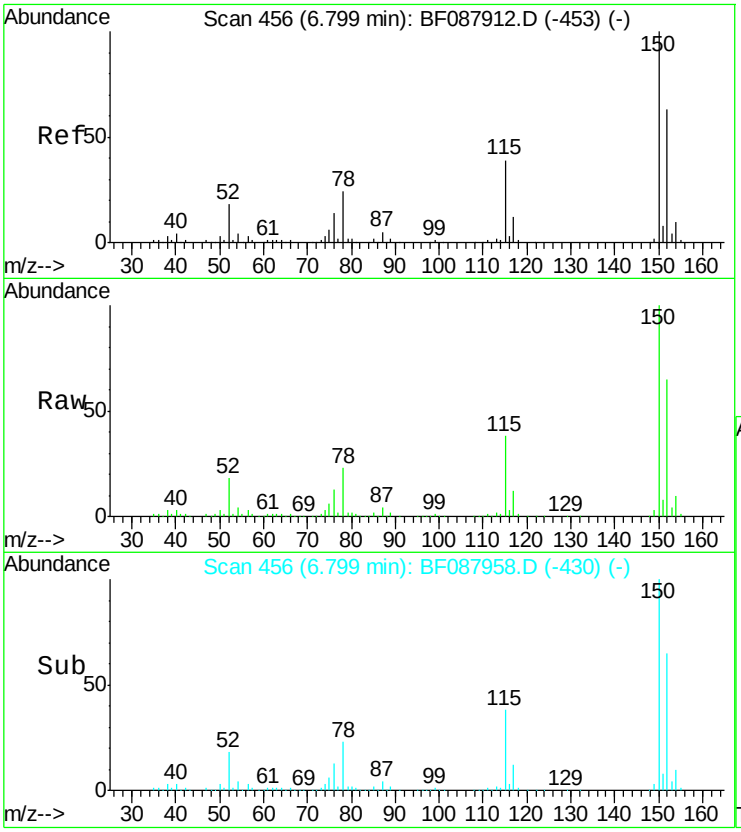
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087958.D
Acq On : 12 Jun 2016 20:01
Operator : UM/SJ
Sample : H3440-07
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-13

Quant Time: Jun 13 05:00:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration



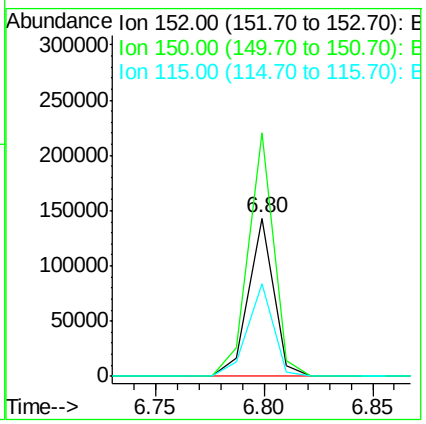


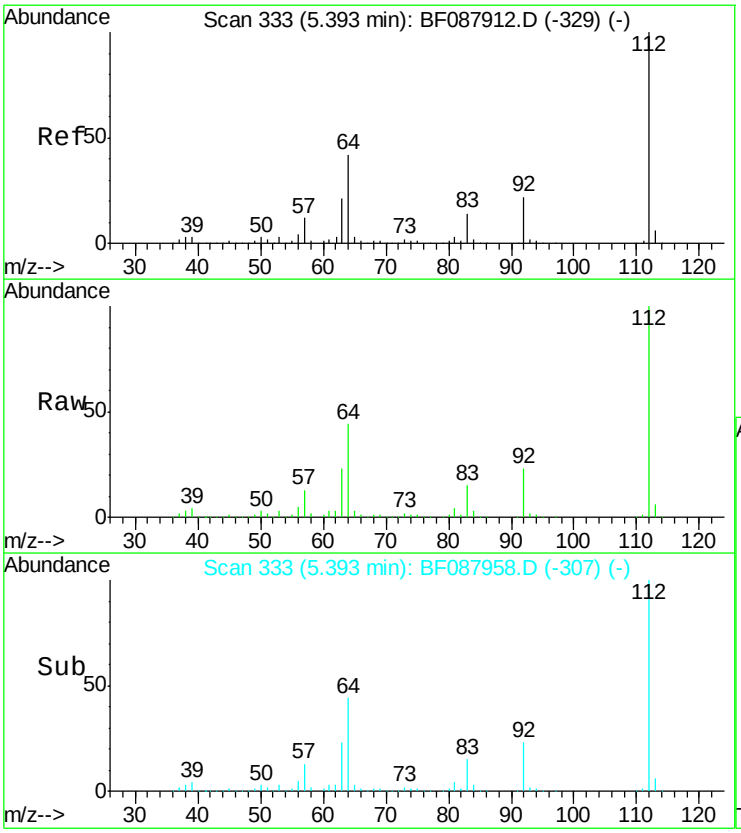
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion:152 Resp: 116317

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.8	185.6
115	58.7	39.6	59.4

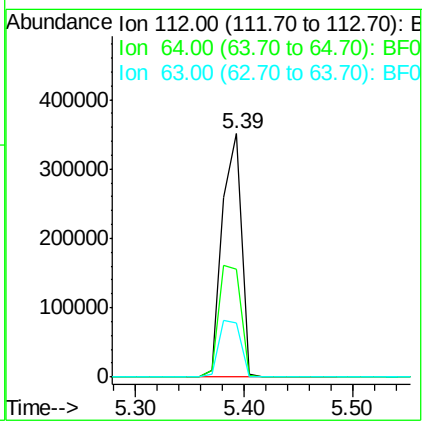


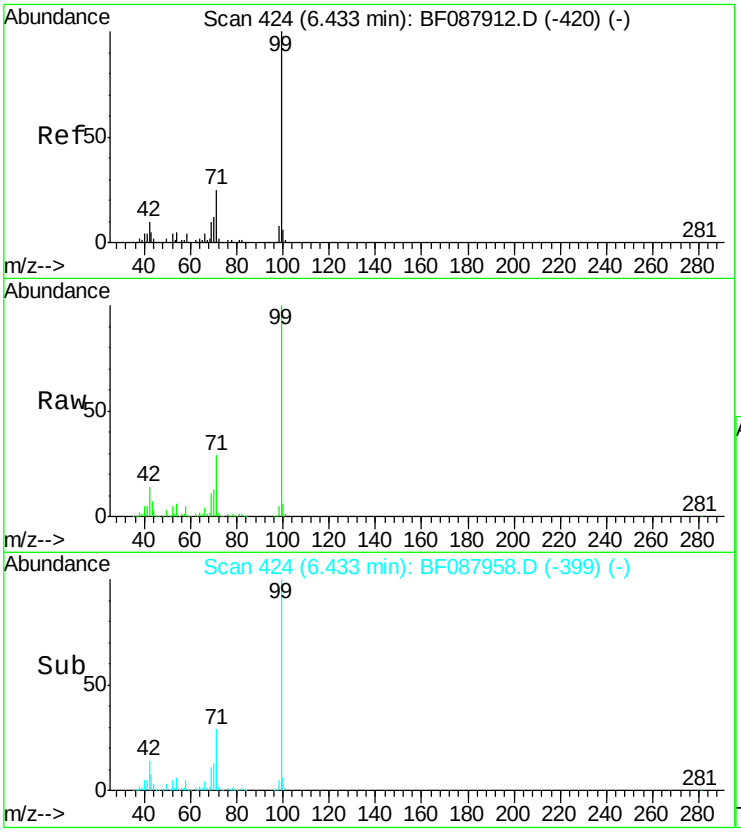


#5
2-Fluorophenol
Concen: 63.41 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.00 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion:112 Resp: 431445

Ion	Ratio	Lower	Upper
112	100		
64	44.4	42.2	63.2
63	22.5	21.8	32.8



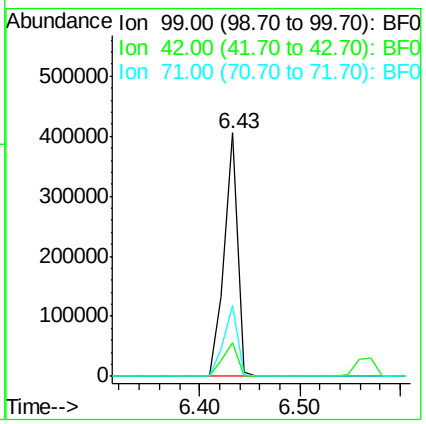


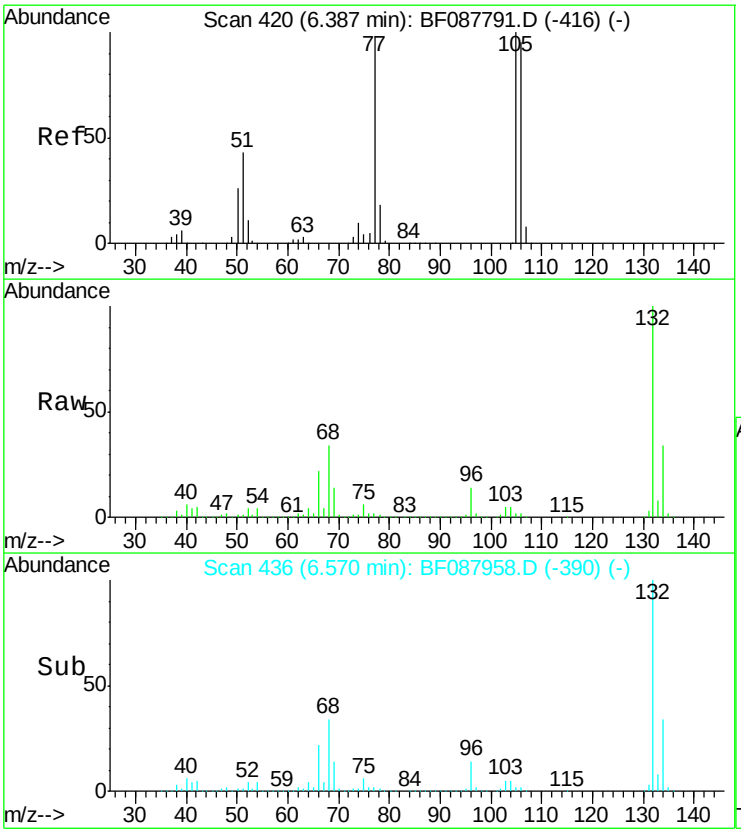
#7
Phenol-d6
Concen: 45.82 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion: 99 Resp: 377858

Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.2	18.2
71	28.9	23.4	35.0

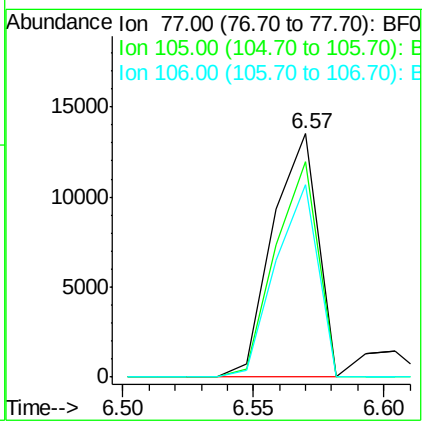


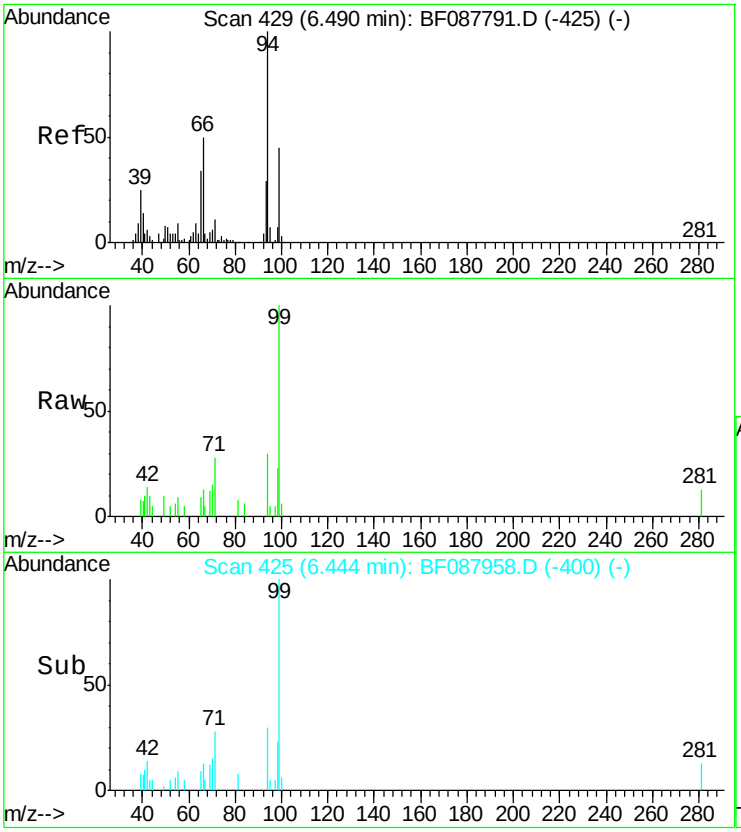


#9
Benzaldehyde
Concen: 2.78 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.23 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion: 77 Resp: 16171

Ion	Ratio	Lower	Upper
77	100		
105	88.6	90.6	130.6#
106	79.2	85.3	125.3#



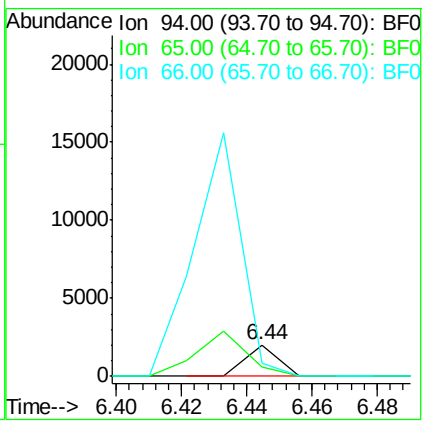


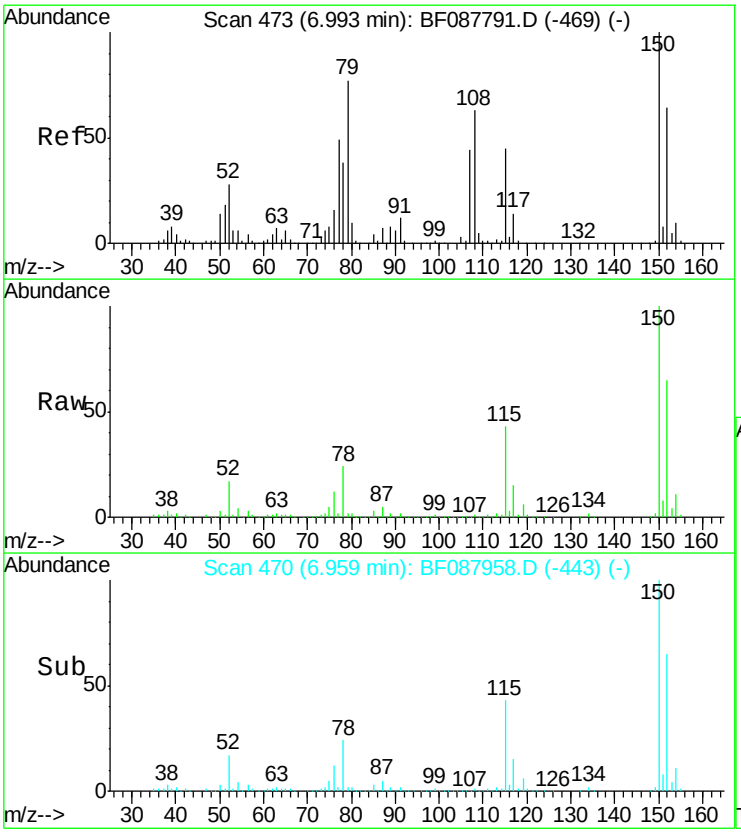
#10
Phenol
Concen: Below Cal
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument : BNA_F
ClientSampleId : W-13

Tgt Ion: 94 Resp: 1373

Ion	Ratio	Lower	Upper
94	100		
65	30.6	5.9	45.9
66	42.3	14.0	54.0

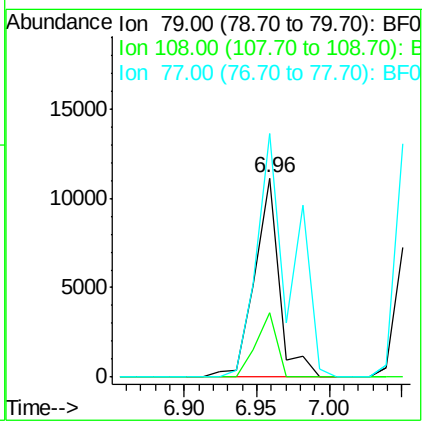


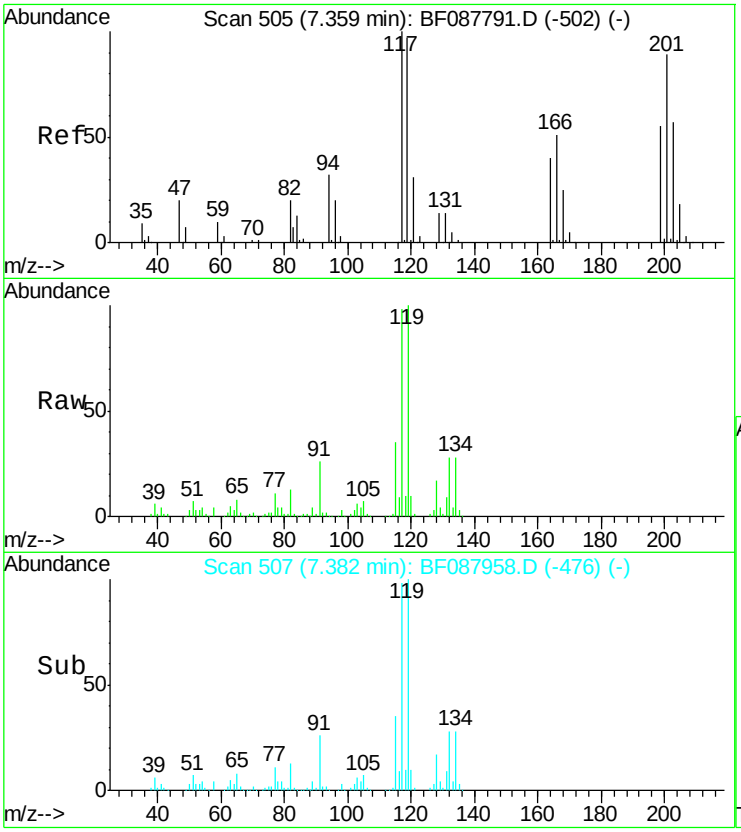


#15
Benzyl Alcohol
Concen: 2.02 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion: 79 Resp: 13058

Ion	Ratio	Lower	Upper
79	100		
108	32.0	65.0	97.6#
77	122.1	50.3	75.5#



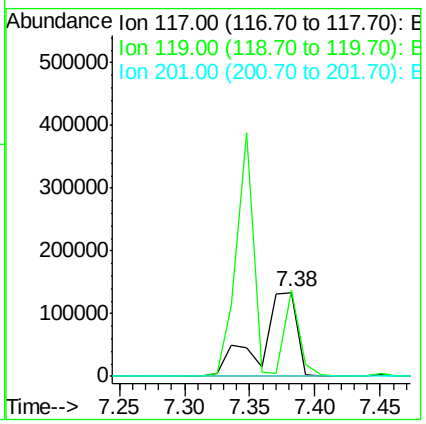


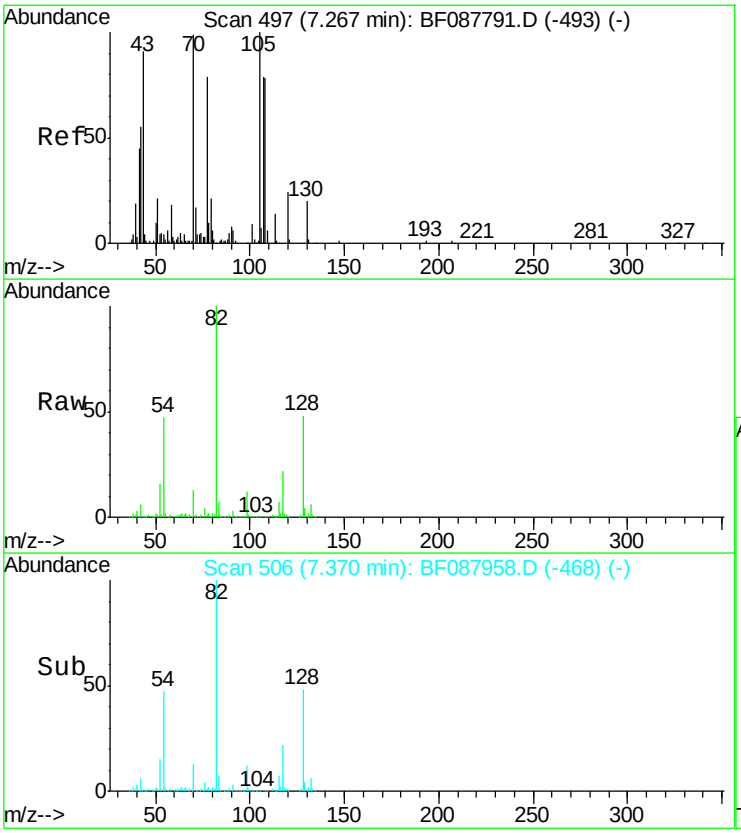
#18
Hexachloroethane
Concen: 84.77 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.06 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument : BNA_F
ClientSampleId : W-13

Tgt Ion:117 Resp: 261816

Ion	Ratio	Lower	Upper
117	100		
119	101.9	77.4	116.2
201	0.0	80.4	120.6#

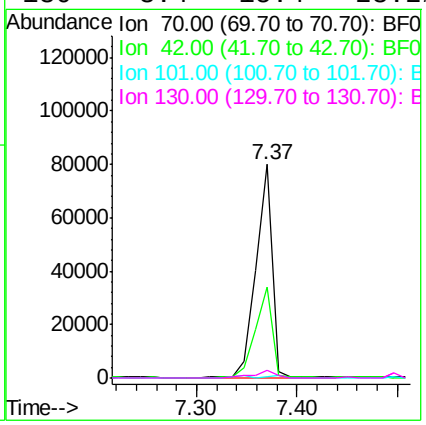


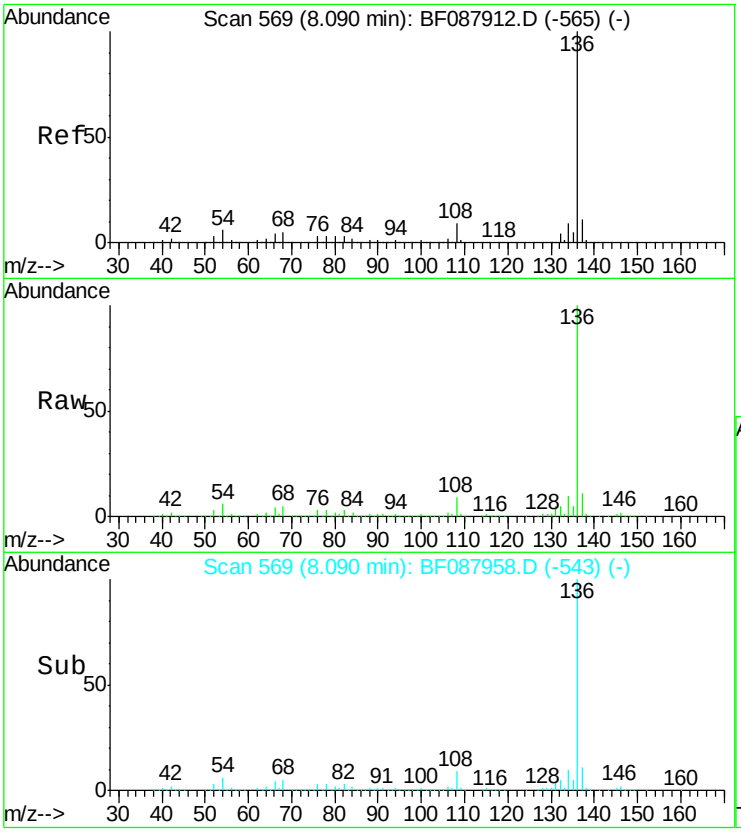


#19
n-Nitroso-di-n-propylamine
Concen: 17.19 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.14 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion: 70 Resp: 90677

Ion	Ratio	Lower	Upper
70	100		
42	42.3	49.6	74.4#
101	0.8	7.1	10.7#
130	3.4	15.4	23.2#



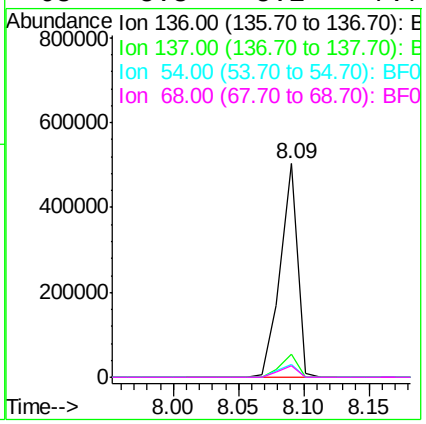


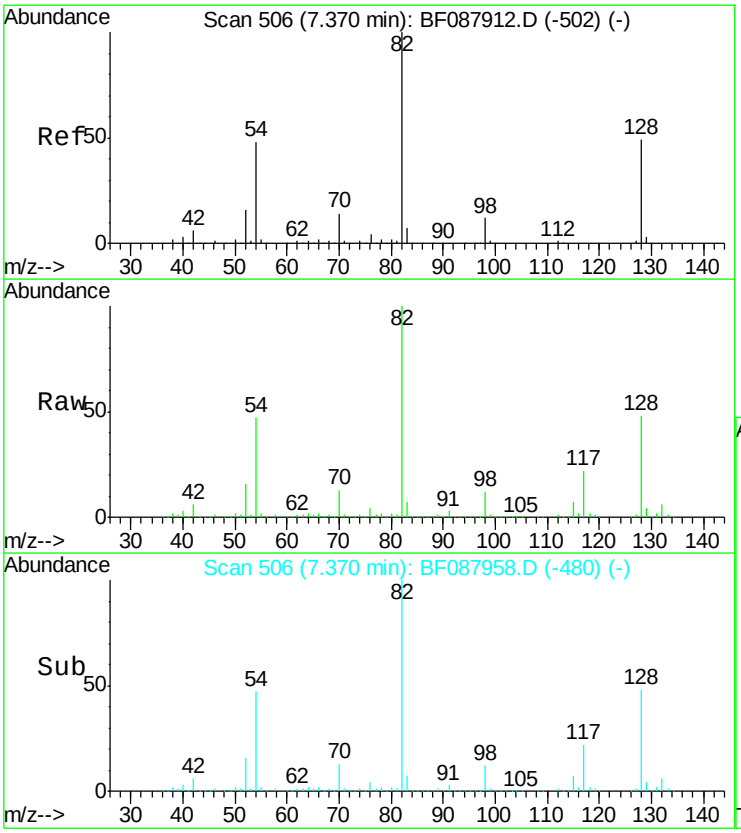
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion:136 Resp: 473718

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.1	6.6	10.0#
68	5.3	5.1	7.7

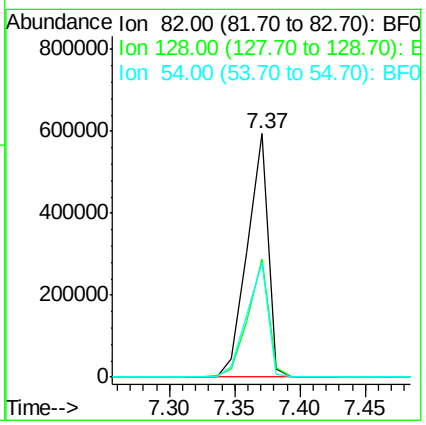


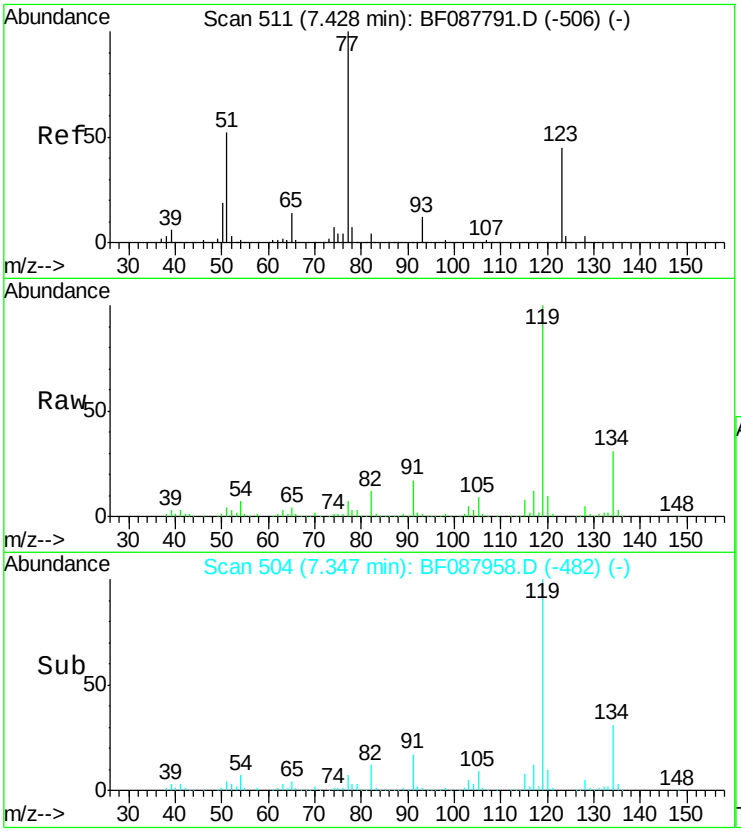


#23
Nitrobenzene-d5
Concen: 81.86 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion: 82 Resp: 664096

Ion	Ratio	Lower	Upper
82	100		
128	48.4	35.9	53.9
54	47.1	40.9	61.3



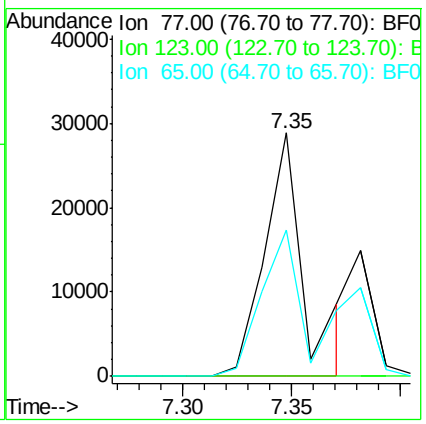


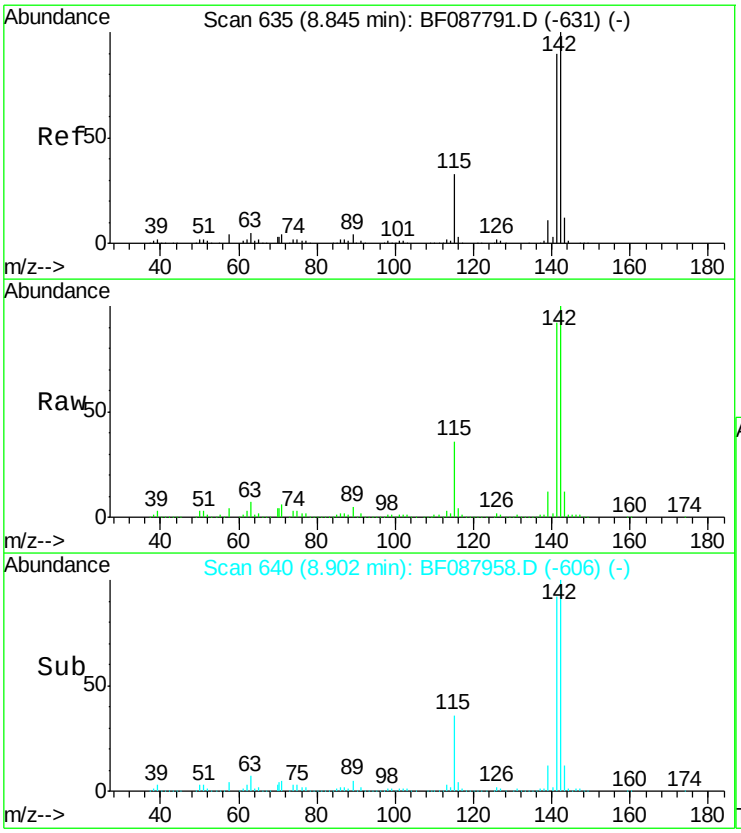
#24
Nitrobenzene
Concen: 4.68 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion: 77 Resp: 36766

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	60.1	10.2	15.2#

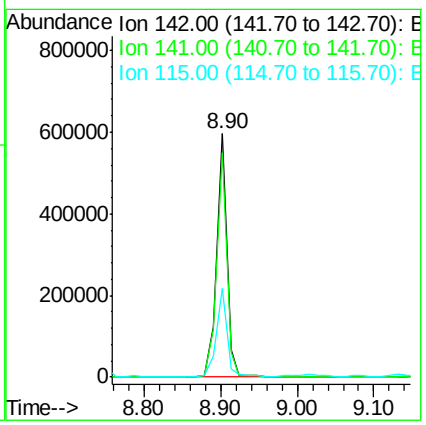


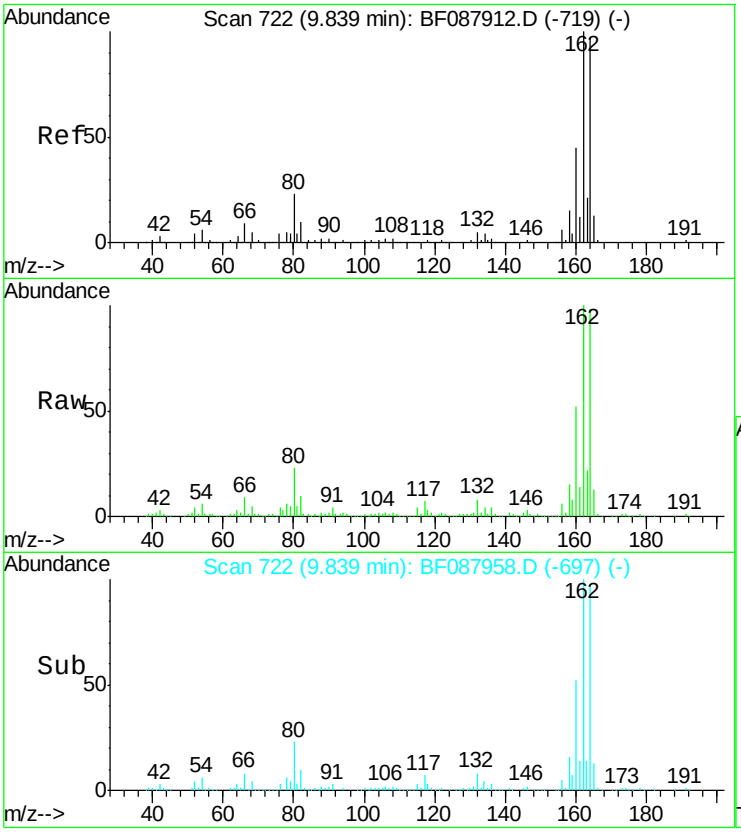


#37
2-Methylnaphthalene
Concen: 36.13 ng
RT: 8.90 min Scan# 640
Delta R.T. 0.09 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion:142 Resp: 558225

Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.0	106.6
115	36.3	22.6	33.8#



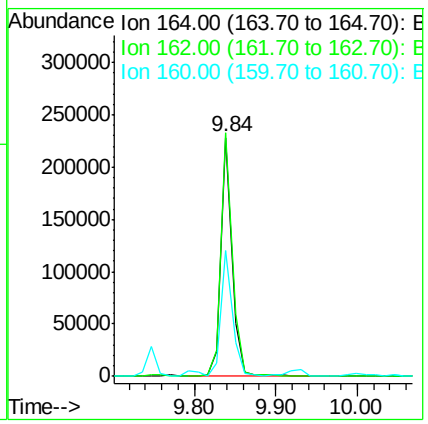


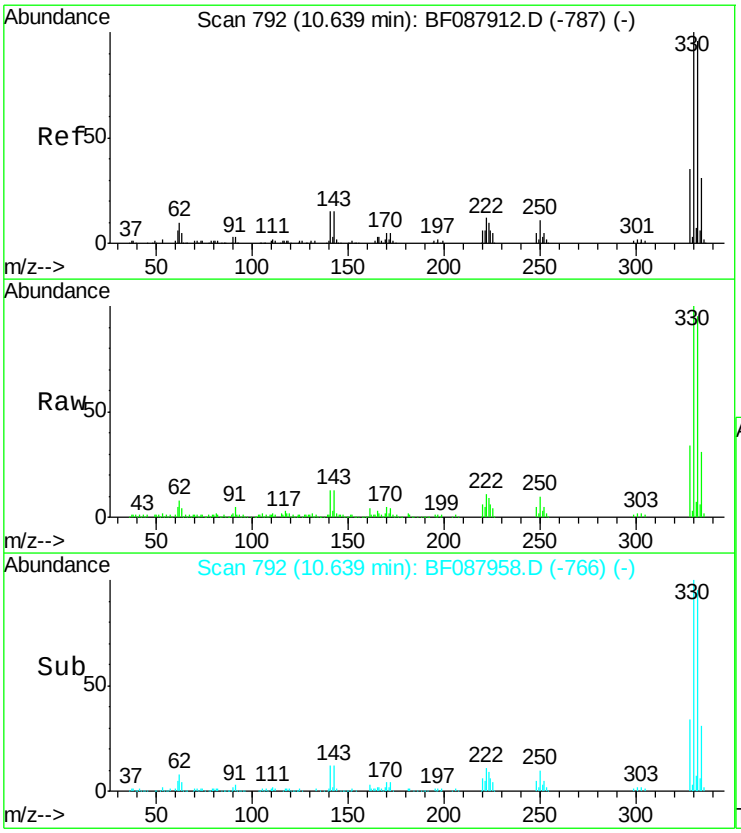
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion:164 Resp: 213641

Ion	Ratio	Lower	Upper
164	100		
162	102.0	85.4	128.2
160	52.9	39.5	59.3

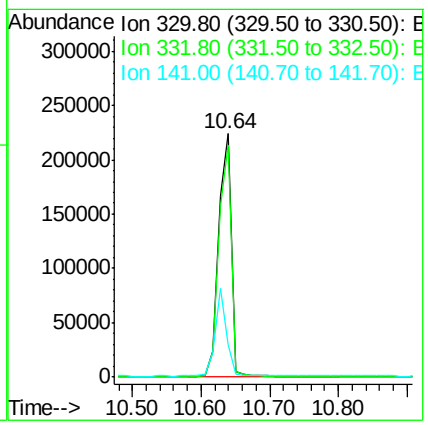


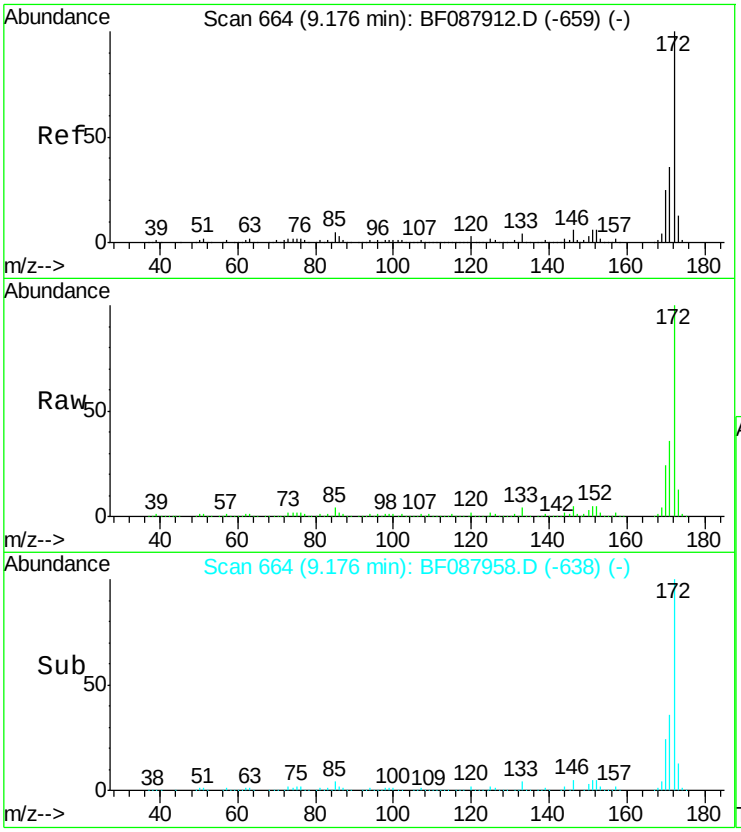


#41
2,4,6-Tribromophenol
Concen: 130.90 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion:330 Resp: 295289

Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	32.2	0.0	0.0#



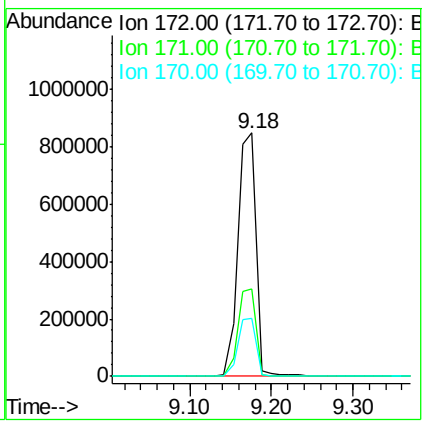


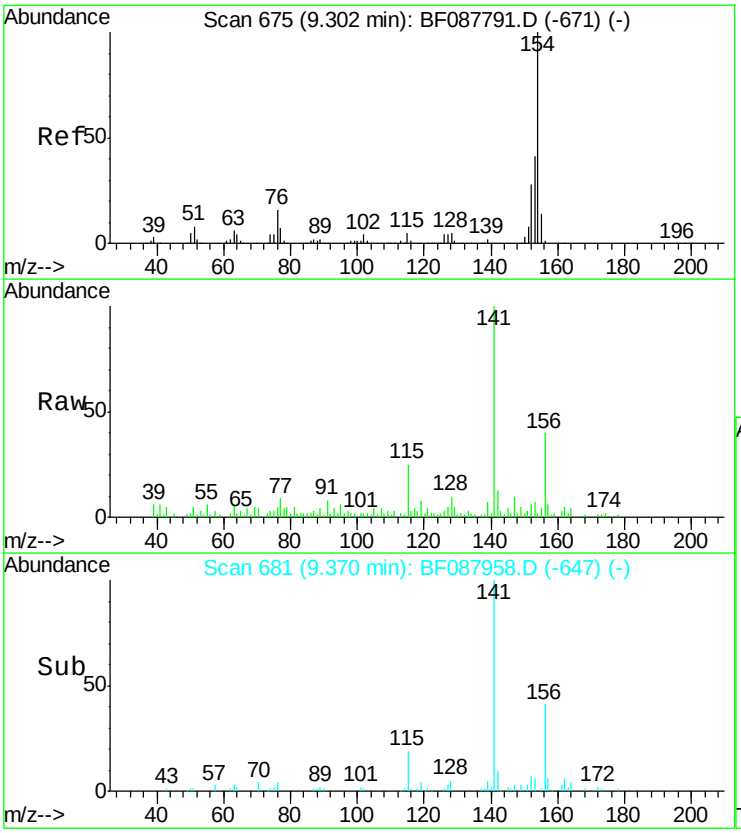
#44
2-Fluorobiphenyl
Concen: 96.38 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion:172 Resp: 1300667

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.1	19.2	28.8

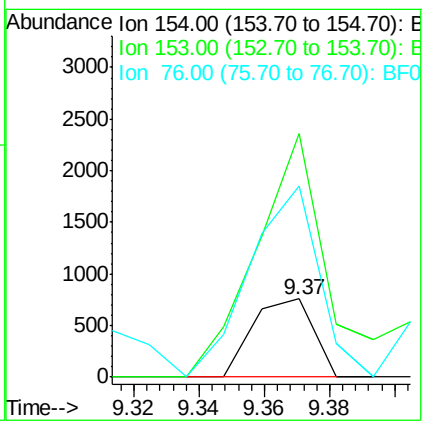


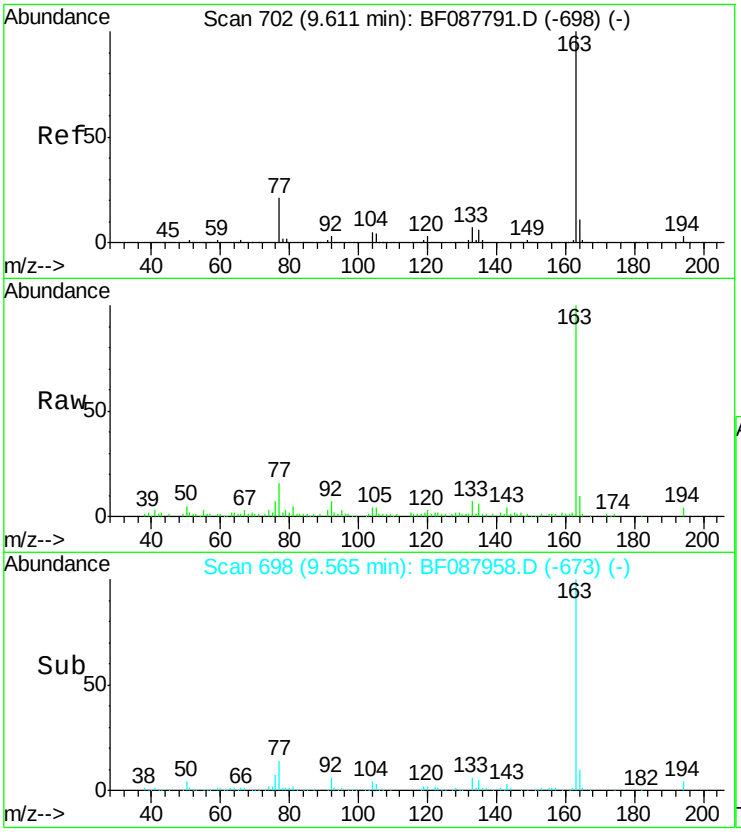


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.37 min Scan# 681
Delta R.T. 0.09 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion:154 Resp: 977

Ion	Ratio	Lower	Upper
154	100		
153	310.8	20.6	60.6#
76	244.7	0.0	35.1#



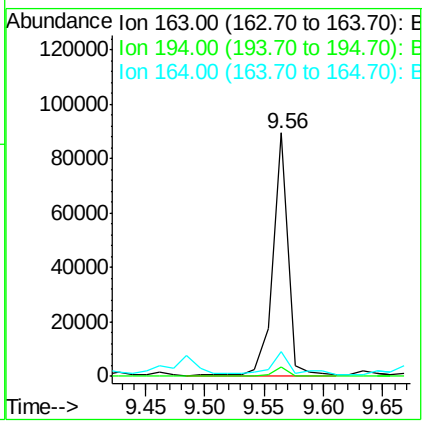


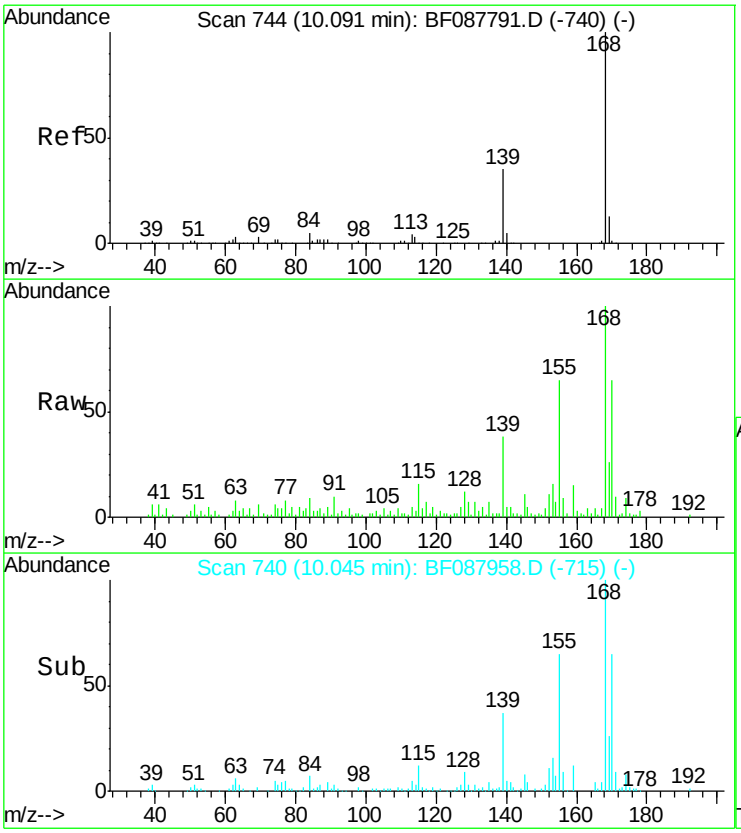
#49
Dimethylphthalate
Concen: 5.10 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion:163 Resp: 78918

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.0	8.3	12.5

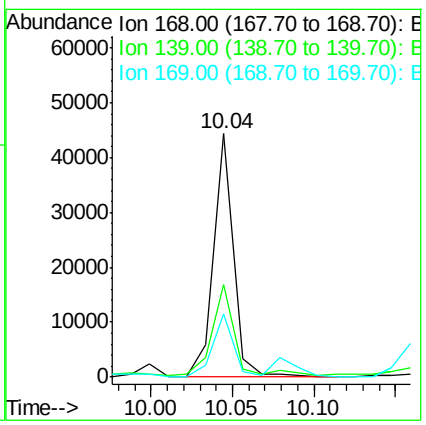


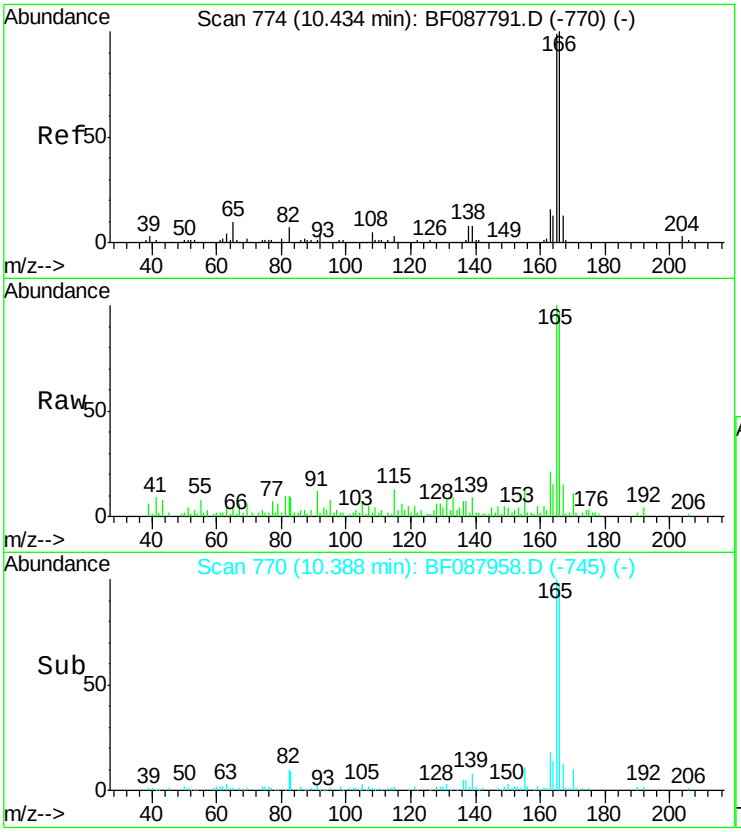


#54
Dibenzofuran
Concen: 2.00 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion:168 Resp: 37810

Ion	Ratio	Lower	Upper
168	100		
139	37.9	26.4	39.6
169	25.8	10.4	15.6#



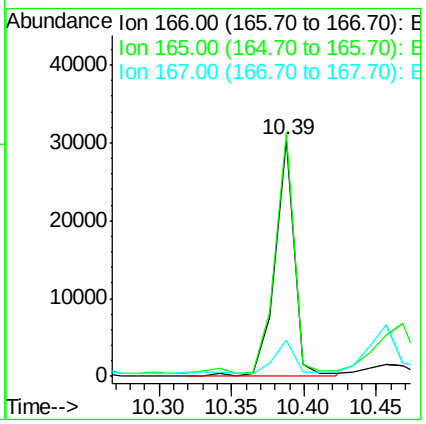


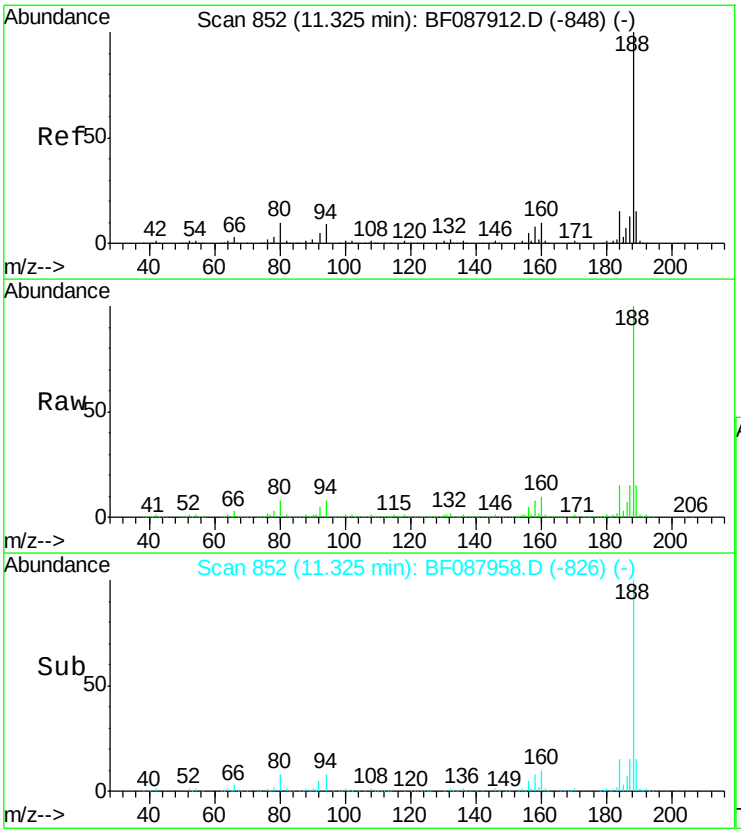
#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion:166 Resp: 28045

Ion	Ratio	Lower	Upper
166	100		
165	103.1	77.8	116.8
167	15.1	11.2	16.8

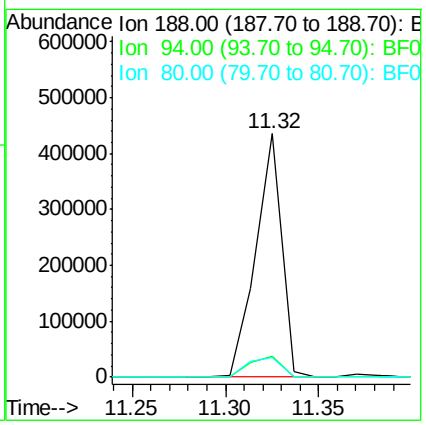


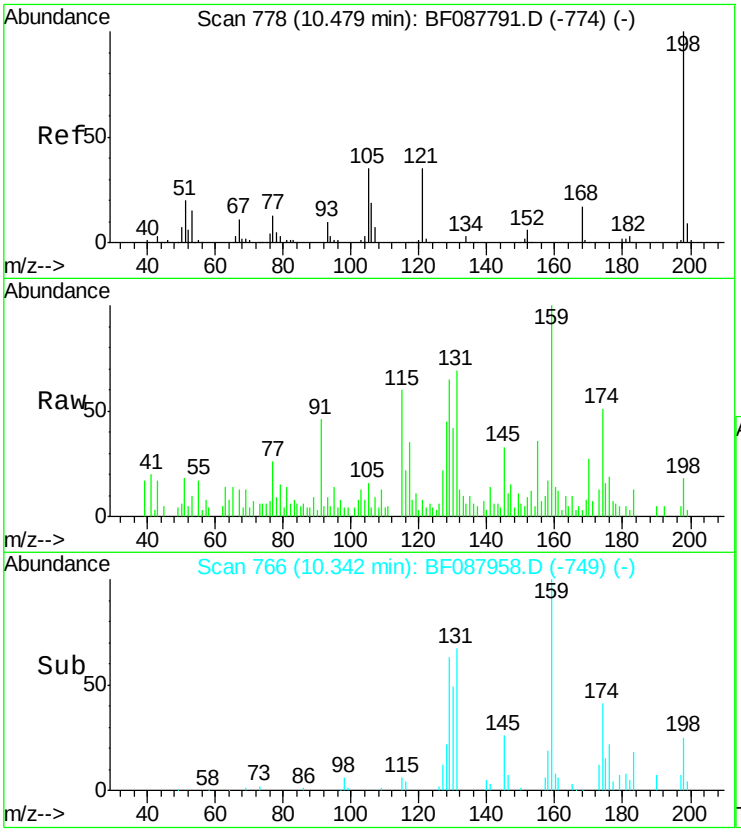


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion:188 Resp: 419163

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.6#
80	8.1	10.0	15.0#



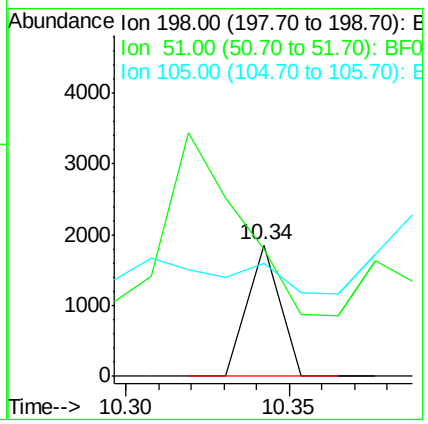


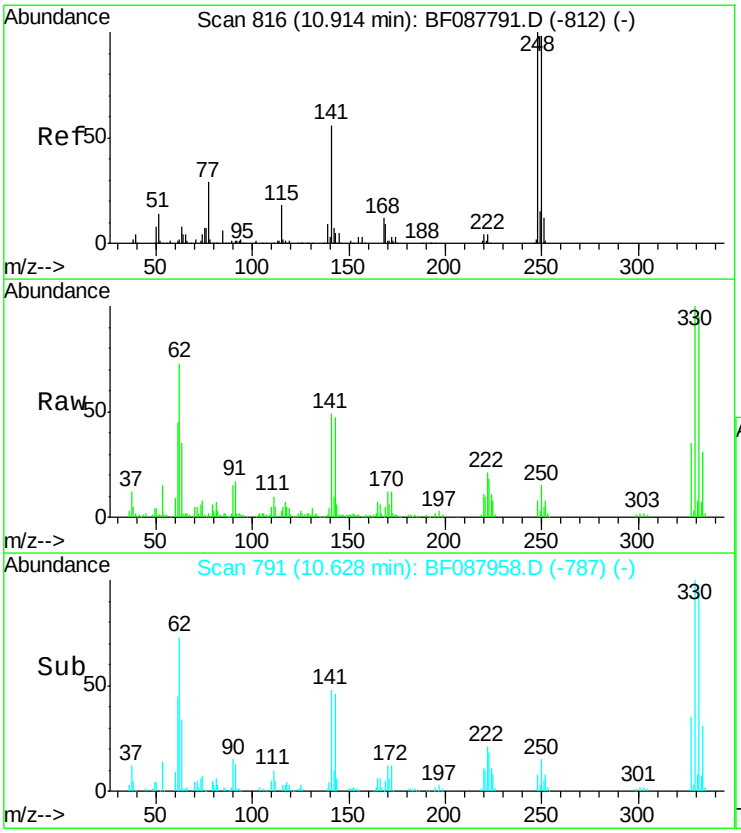
#64
4,6-Dinitro-2-methylphenol
Concen: 2.63 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.10 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion:198 Resp: 1270

Ion	Ratio	Lower	Upper
198	100		
51	97.4	39.6	79.6#
105	86.5	36.6	76.6#

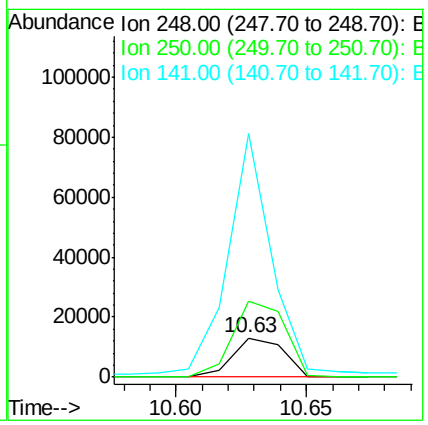


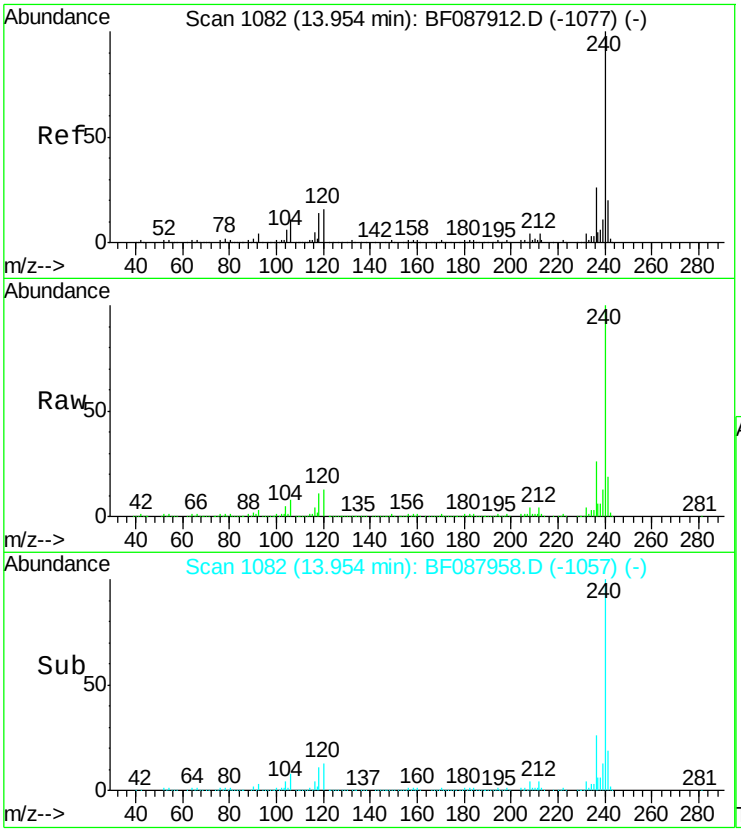


#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion:248 Resp: 17956

Ion	Ratio	Lower	Upper
248	100		
250	195.2	77.1	115.7#
141	621.5	50.6	76.0#



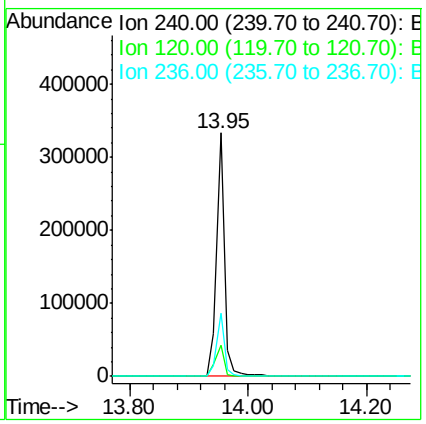


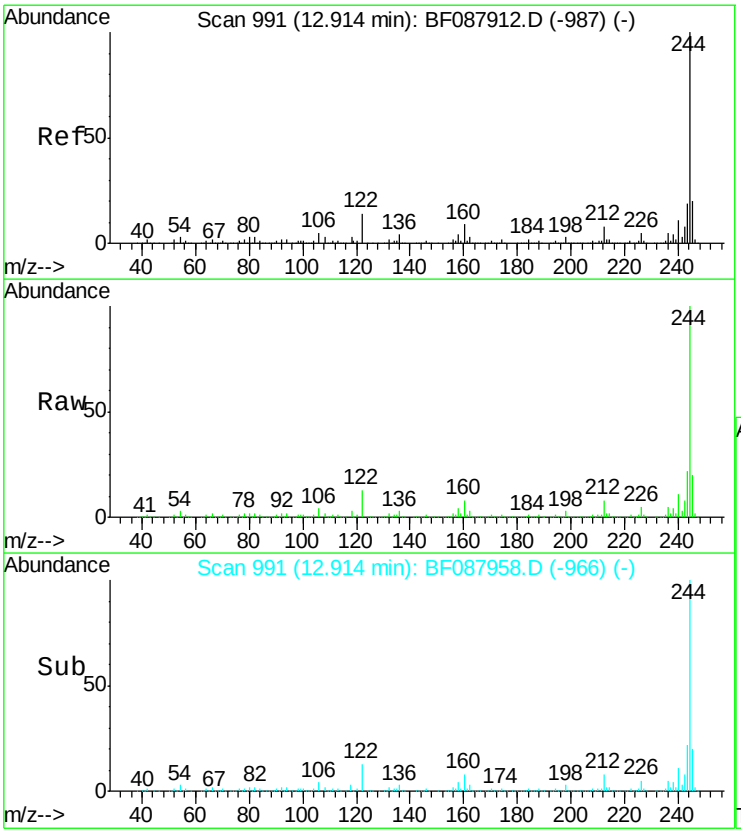
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion:240 Resp: 311055

Ion	Ratio	Lower	Upper
240	100		
120	13.0	6.8	10.2#
236	25.8	20.2	30.2

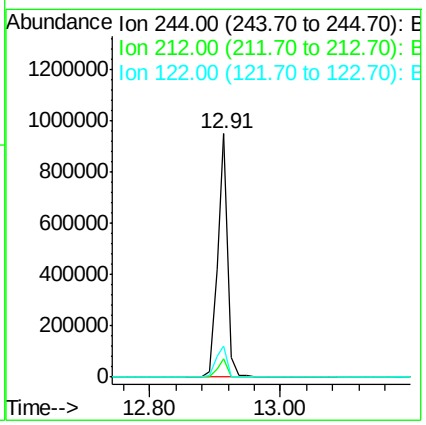


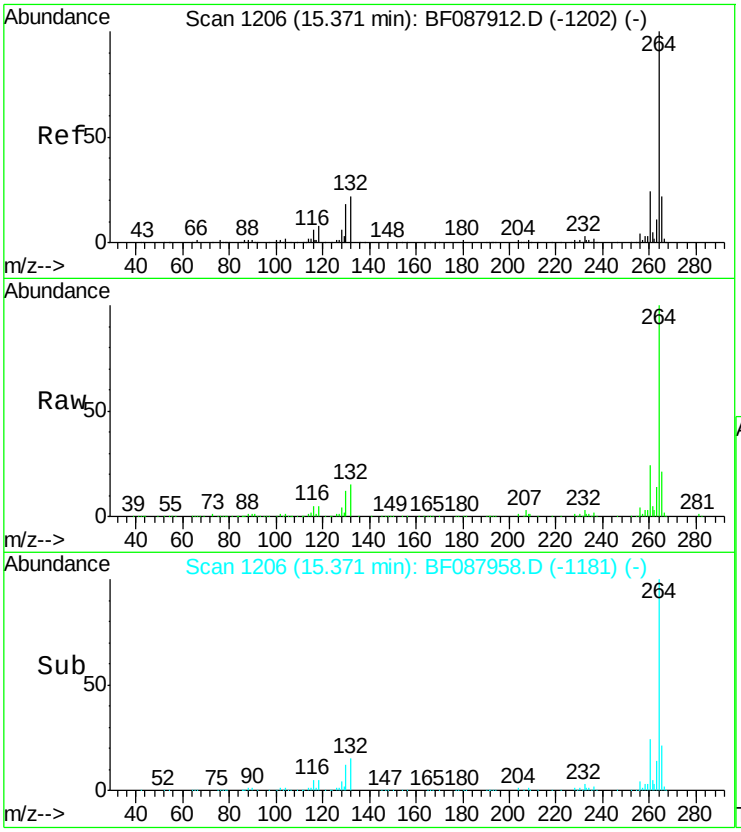


#78
Terphenyl-d14
Concen: 75.03 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Tgt Ion:244 Resp: 1025582

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	12.6	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087958.D
Acq: 12 Jun 2016 20:01

Instrument :
BNA_F
ClientSampleId :
W-13

Tgt Ion:264 Resp: 240868

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.0	16.9	25.3