Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF101915\
Data File : BF082398.D
Acq On : 20 Oct 2015 12:41
Operator : UM/IZ
Sample : G3975-09RE
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3RE

Quant Time: Oct 20 14:17:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	85932	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	281757	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	130172	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	215928	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	216693	20.00	ng	0.03
86) Perylene-d12	15.61	264	195312	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	702583	165.01	ng	-0.02
7) Phenol-d6	6.45	99	818335	147.69	ng	-0.03
23) Nitrobenzene-d5	7.38	82	522342	124.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	135459	110.96	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	903611	115.12	ng	-0.02
78) Terphenyl-d14	12.95	244	679689	83.12	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.96	79	10981	2.87	ng	# 47
19) n-Nitroso-di-n-propylamine	7.22	70	8679	2.23	ng	# 70
24) Nitrobenzene	7.45	77	18332	4.04	ng	# 42
25) Isophorone	7.61	82	38390	4.53	ng	# 1
29) 2,4-Dichlorophenol	8.00	162	11483	3.14	ng	# 47
35) Caprolactam	8.53	113	64038	60.42	ng	# 1
36) 4-Chloro-3-methylphenol	8.63	107	12211	3.42	ng	# 34
47) 2-Nitroaniline	9.44	65	8103	3.78	ng	# 51
49) Dimethylphthalate	9.58	163	156422	17.06	ng	# 92
50) 2,6-Dinitrotoluene	9.63	165	10268	5.31	ng	# 70
51) Acenaphthene	9.90	154	31838	4.36	ng	# 82
52) 3-Nitroaniline	9.84	138	9979	4.57	ng	# 48
53) 2,4-Dinitrophenol	9.94	184	563	6.88	ng	# 1
55) 4-Nitrophenol	9.98	139	39795	33.97	ng	# 36
56) 2,4-Dinitrotoluene	10.07	165	26543	10.98	ng	# 58
57) Fluorene	10.41	166	46847	5.69	ng	# 40
61) 4-Nitroaniline	10.32	138	6753	3.19	ng	83
64) 4,6-Dinitro-2-methylphenol	10.51	198	3836	3.17	ng	# 1
65) n-Nitrosodiphenylamine	10.53	169	209240	32.36	ng	# 47
68) Atrazine	11.07	200	19829	9.68	ng	# 23
70) Phenanthrene	11.38	178	110927	10.48	ng	# 84
71) Anthracene	11.47	178	119849	10.99	ng	# 1
74) Fluoranthene	12.80	202	70763	6.23	ng	92
77) Pyrene	12.80	202	73455	5.71	ng	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF101915\
Data File : BF082398.D
Acq On : 20 Oct 2015 12:41
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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PX3RE

Quant Time: Oct 20 14:17:10 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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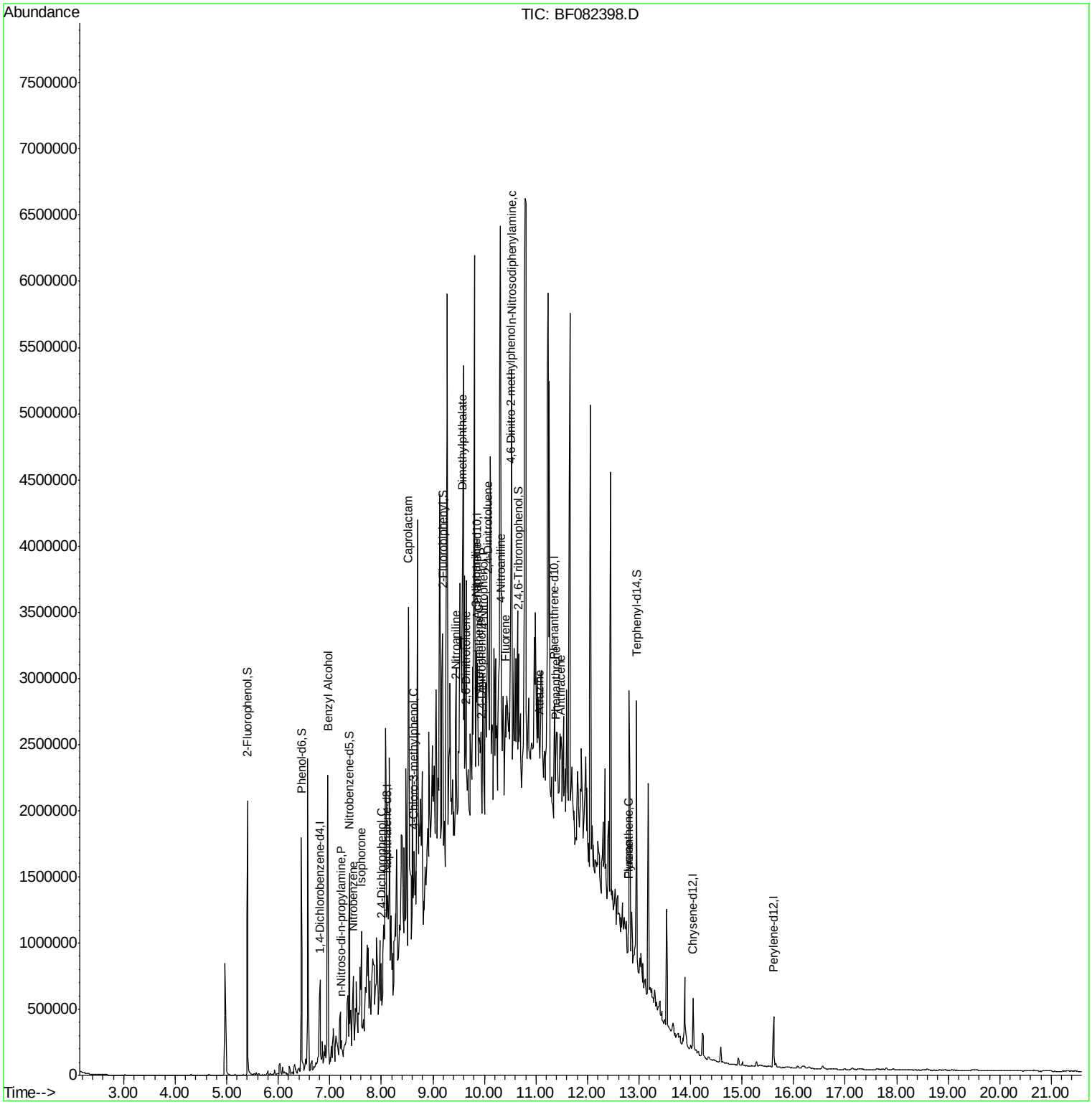
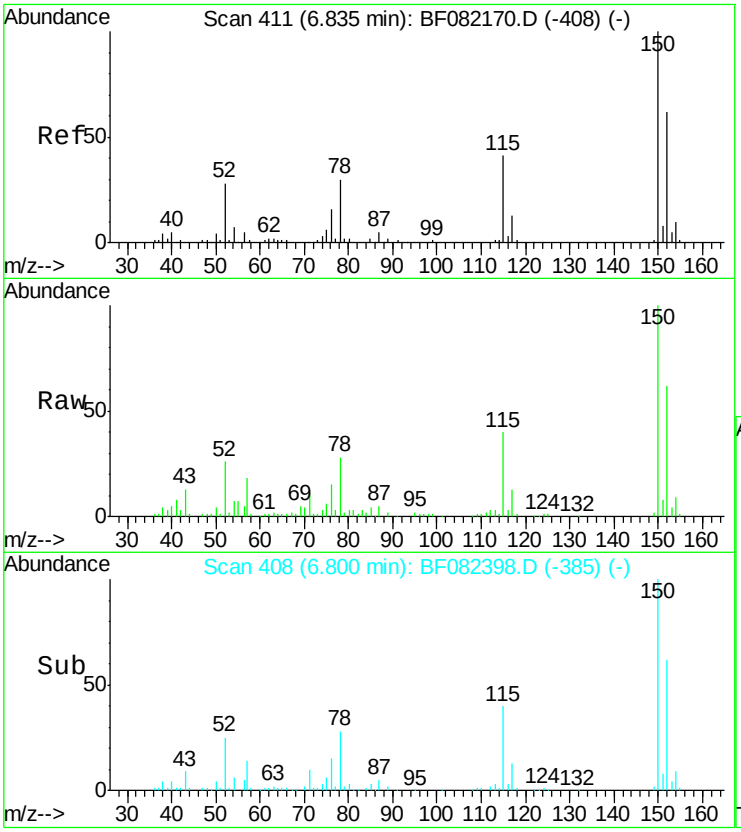


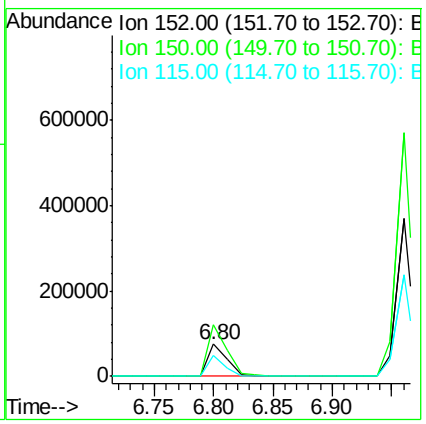


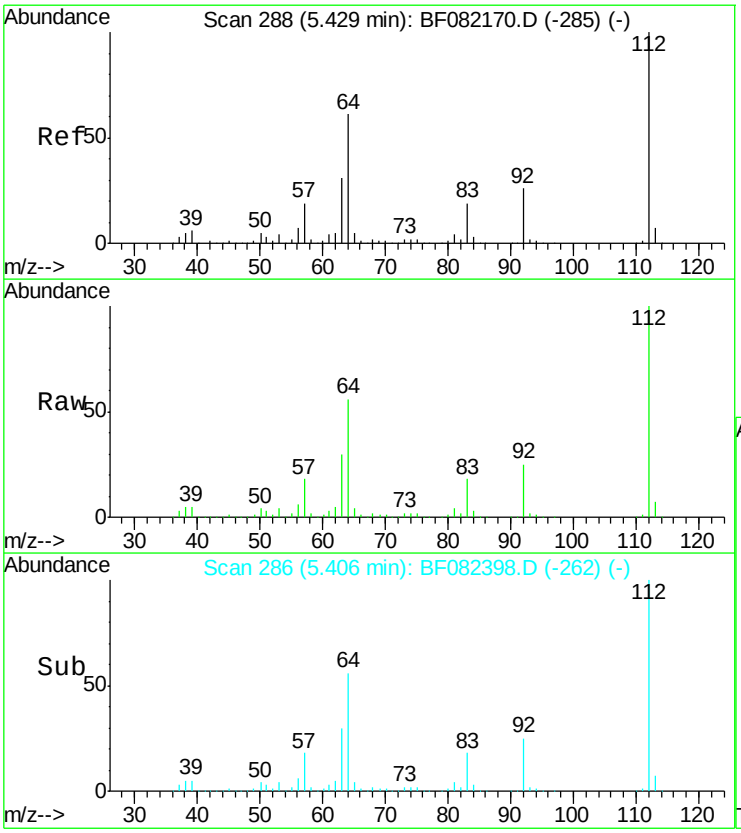
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:152 Resp: 85932

Ion	Ratio	Lower	Upper
152	100		
150	161.5	129.0	193.4
115	64.0	52.1	78.1

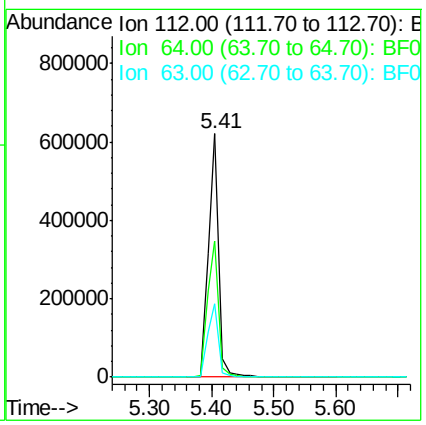


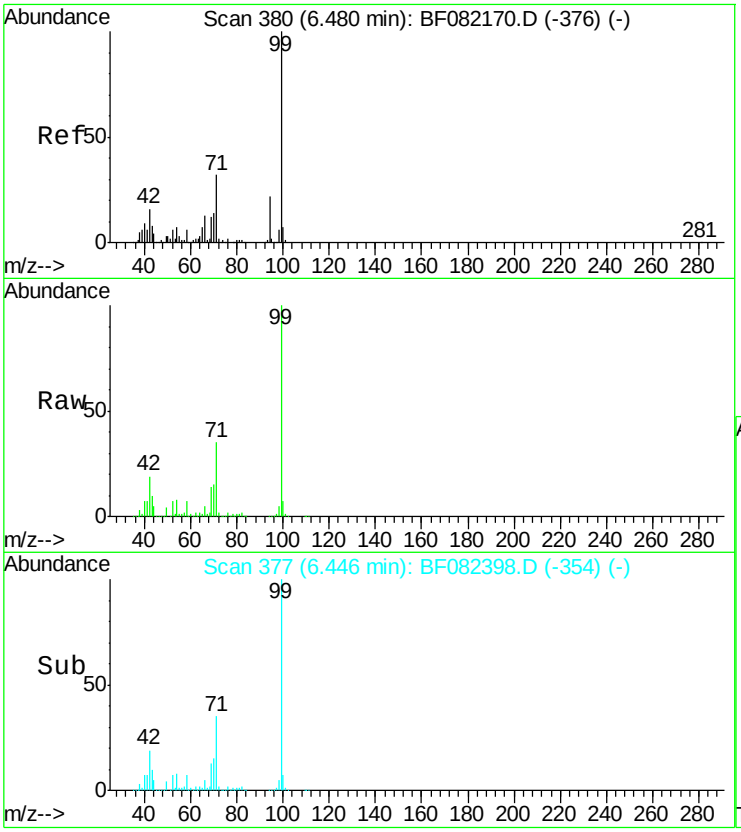


#5
2-Fluorophenol
Concen: 165.01 ng
RT: 5.41 min Scan# 286
Delta R.T. -0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:112 Resp: 702583

Ion	Ratio	Lower	Upper
112	100		
64	56.0	48.6	73.0
63	30.1	25.1	37.7



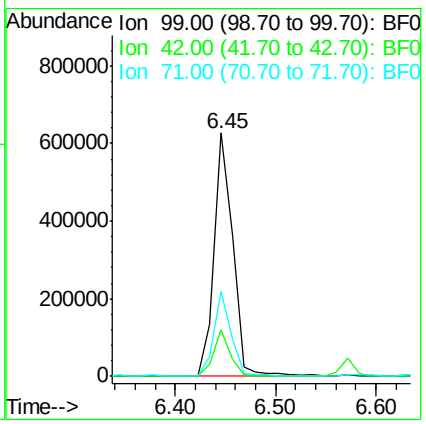


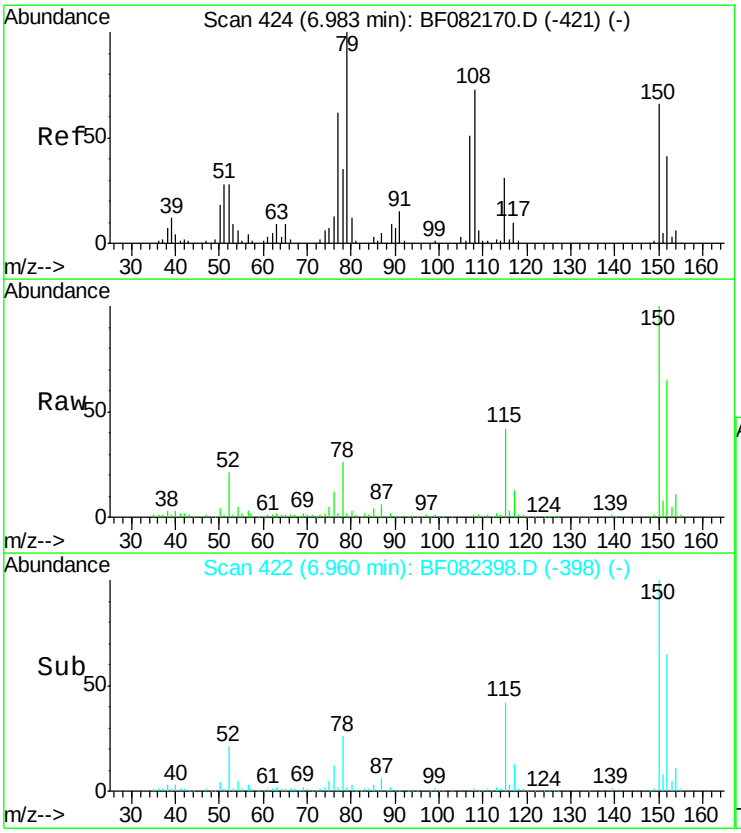
#7
Phenol-d6
Concen: 147.69 ng
RT: 6.45 min Scan# 377
Delta R.T. -0.03 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion: 99 Resp: 818335

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.2	19.8
71	35.0	25.6	38.4

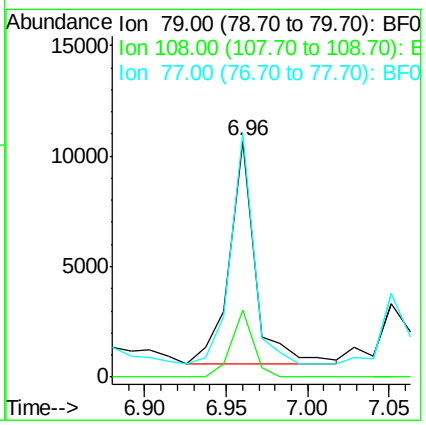


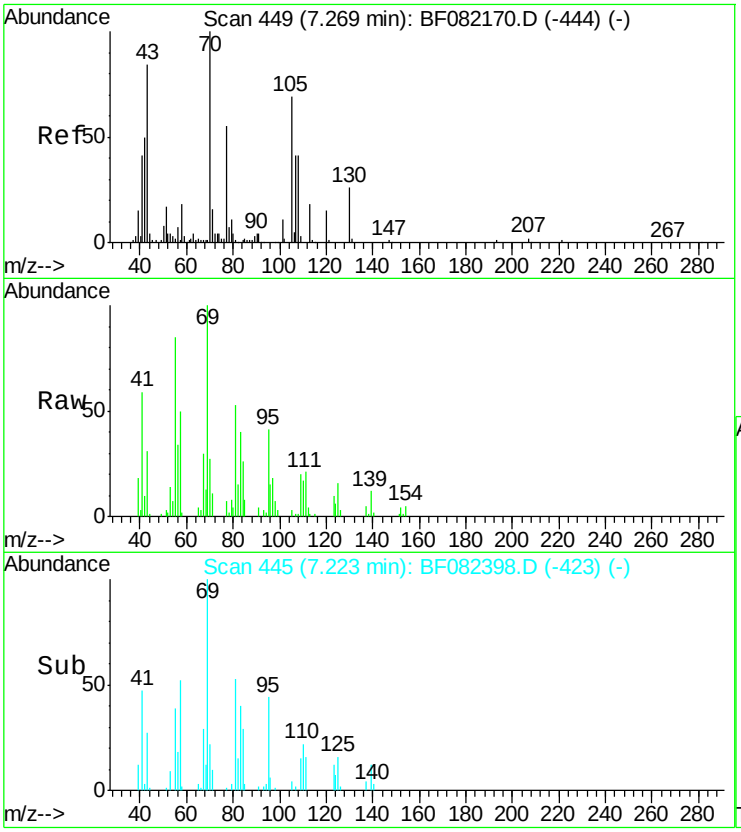


#15
Benzyl Alcohol
Concen: 2.87 ng
RT: 6.96 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion: 79 Resp: 10981

Ion	Ratio	Lower	Upper
79	100		
108	28.6	58.4	87.6#
77	103.2	49.8	74.6#



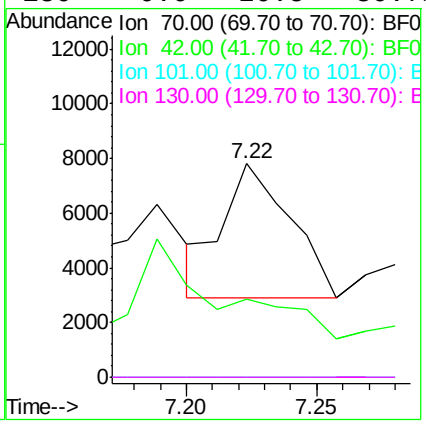


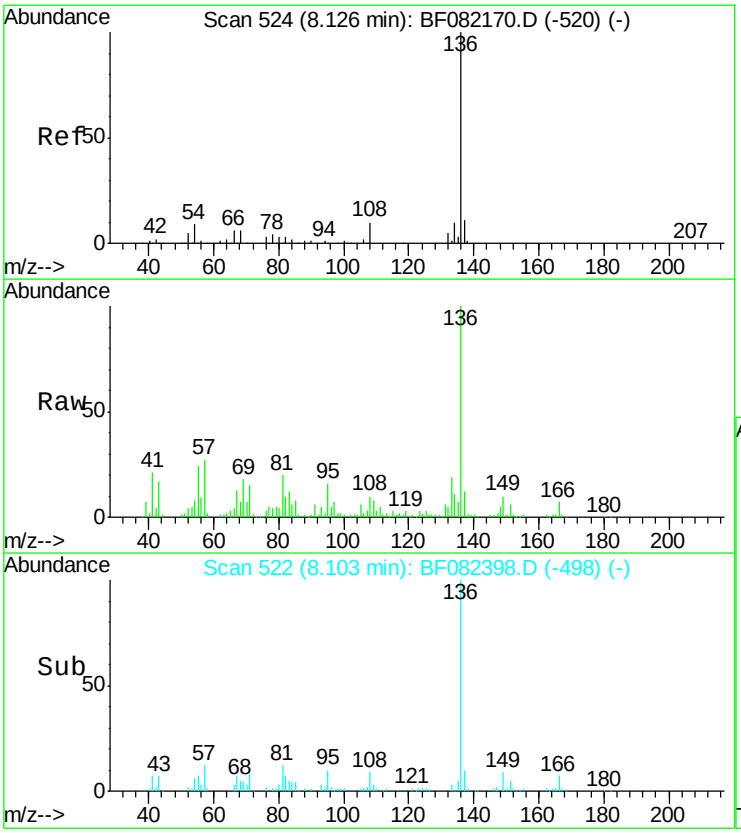
#19
n-Nitroso-di-n-propylamine
Concen: 2.23 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion: 70 Resp: 8679

Ion	Ratio	Lower	Upper
70	100		
42	36.6	39.8	59.8#
101	0.0	8.6	13.0#
130	0.0	20.5	30.7#

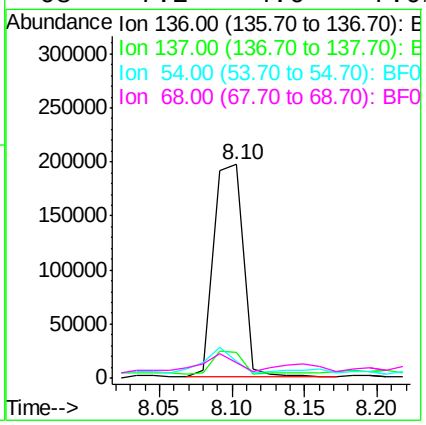


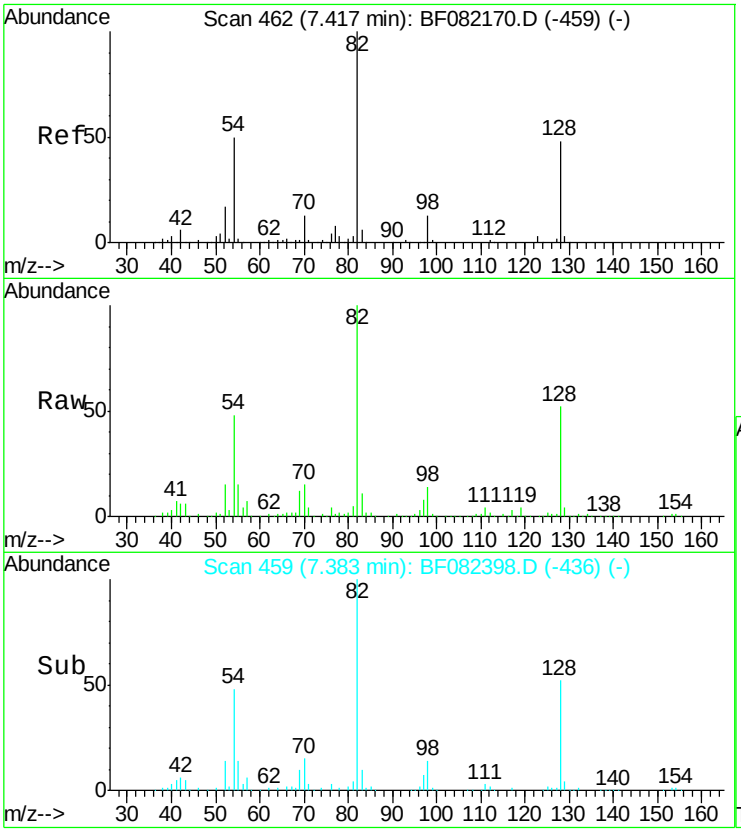


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:136 Resp: 281757

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.0	13.6
54	7.7	7.5	11.3
68	7.2	4.6	7.0#



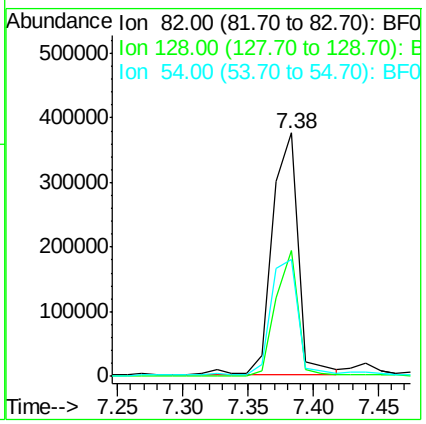


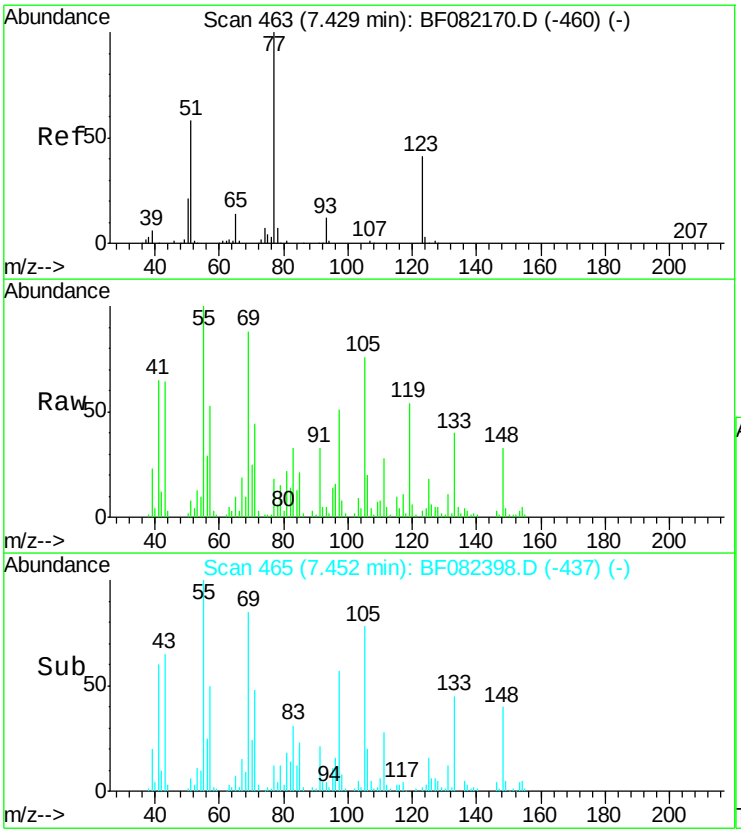
#23
Nitrobenzene-d5
Concen: 124.50 ng
RT: 7.38 min Scan# 459
Delta R.T. -0.03 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion: 82 Resp: 522342

Ion	Ratio	Lower	Upper
82	100		
128	51.6	38.7	58.1
54	47.9	40.1	60.1

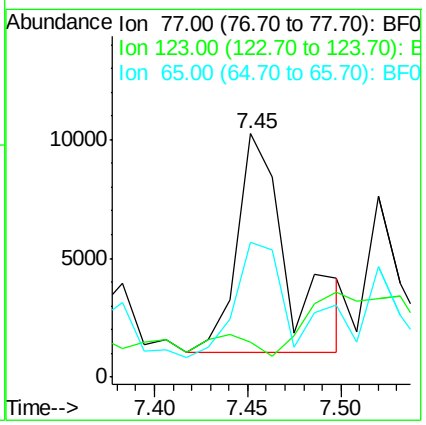


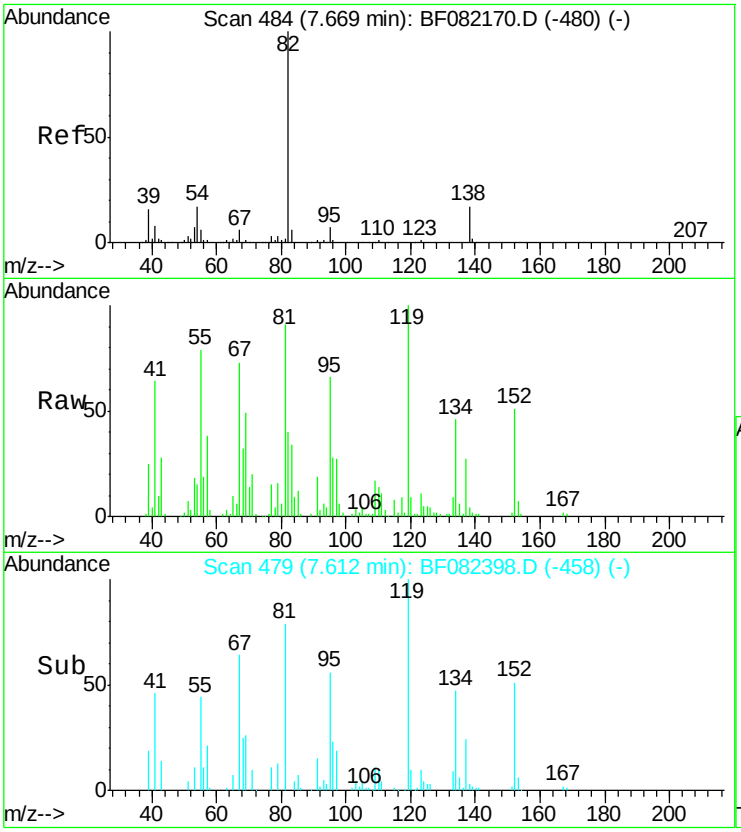


#24
Nitrobenzene
Concen: 4.04 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion: 77 Resp: 18332

Ion	Ratio	Lower	Upper
77	100		
123	14.2	33.0	49.4#
65	55.5	11.2	16.8#



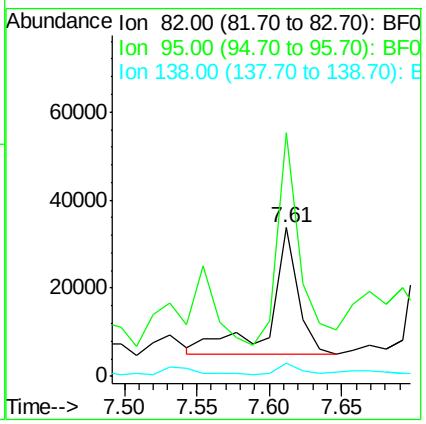


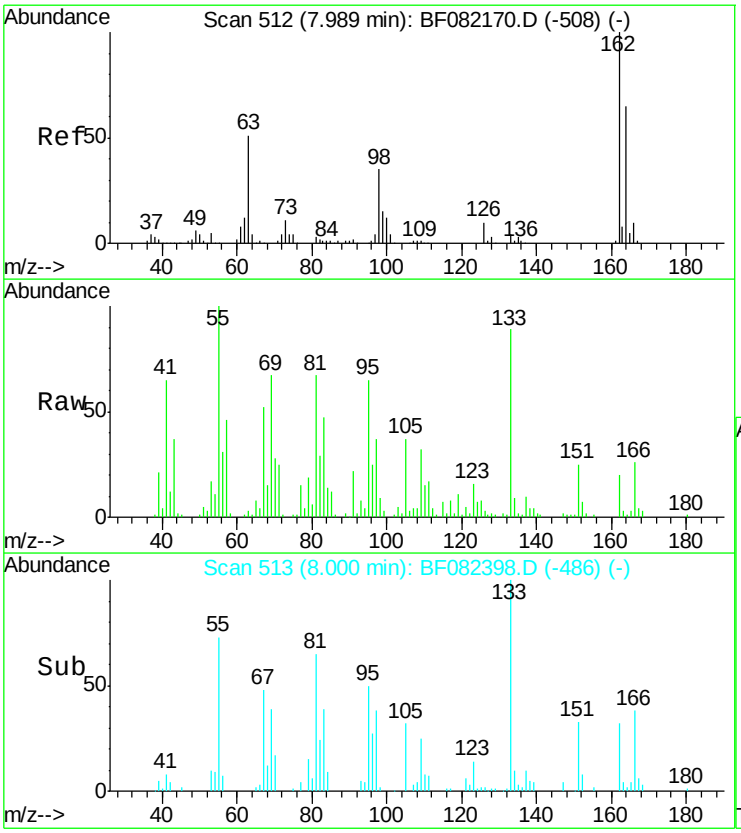
#25
Isophorone
Concen: 4.53 ng
RT: 7.61 min Scan# 479
Delta R.T. -0.06 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion: 82 Resp: 38390

Ion	Ratio	Lower	Upper
82	100		
95	163.8	5.6	8.4#
138	9.1	13.6	20.4#

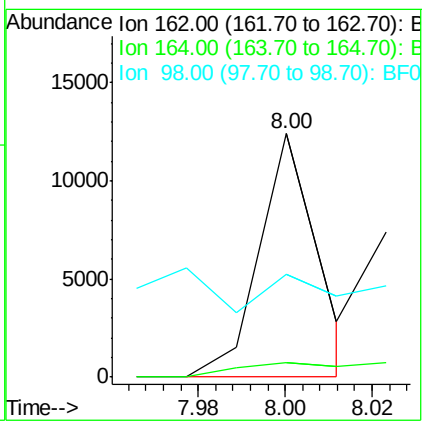


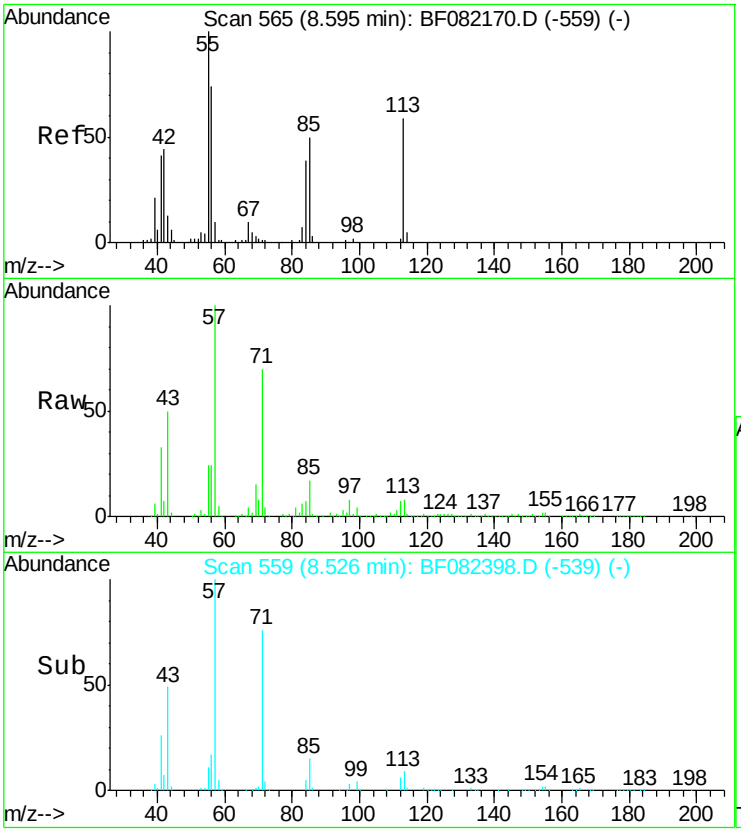


#29
2,4-Dichlorophenol
Concen: 3.14 ng
RT: 8.00 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:162 Resp: 11483

Ion	Ratio	Lower	Upper
162	100		
164	5.7	44.6	84.6#
98	42.4	15.0	55.0



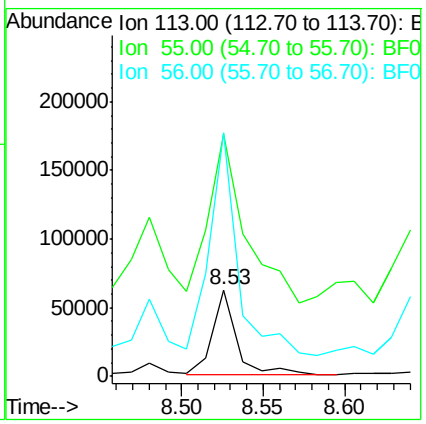


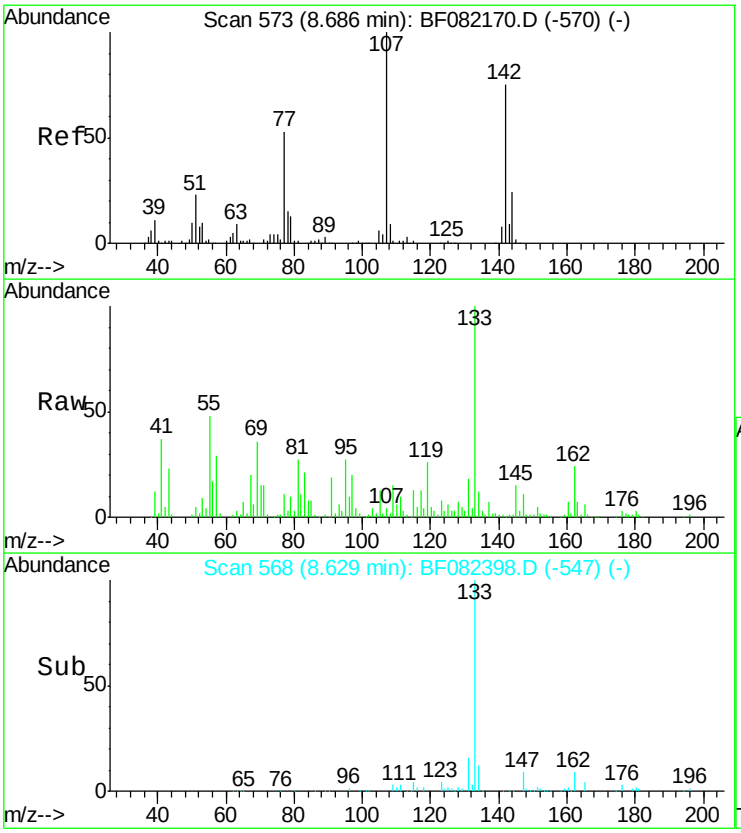
#35
Caprolactam
Concen: 60.42 ng
RT: 8.53 min Scan# 559
Delta R.T. -0.07 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:113 Resp: 64038

Ion	Ratio	Lower	Upper
113	100		
55	280.1	149.7	189.7#
56	281.7	105.4	145.4#

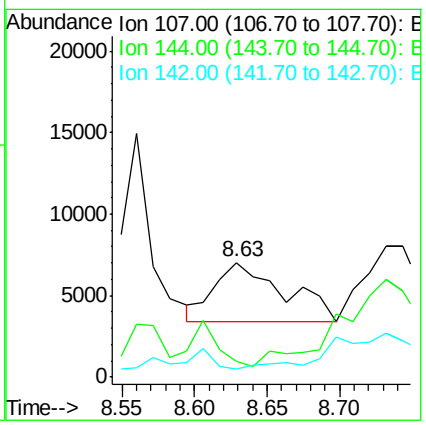


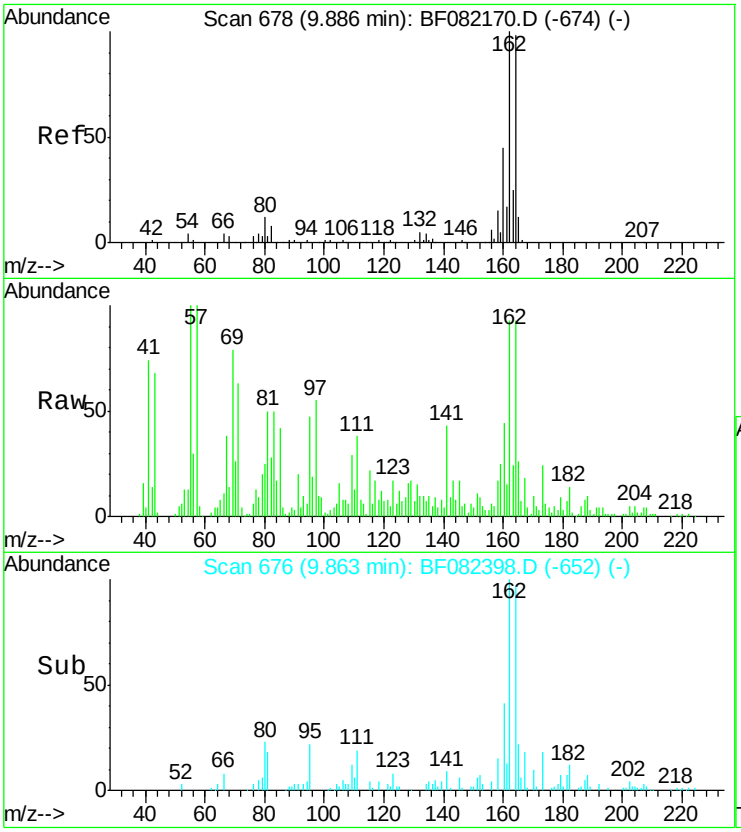


#36
4-Chloro-3-methylphenol
Concen: 3.42 ng
RT: 8.63 min Scan# 568
Delta R.T. -0.06 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:107 Resp: 12211

Ion	Ratio	Lower	Upper
107	100		
144	13.5	19.3	28.9#
142	6.8	59.9	89.9#



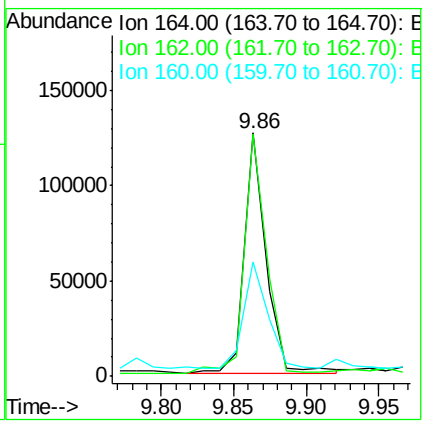


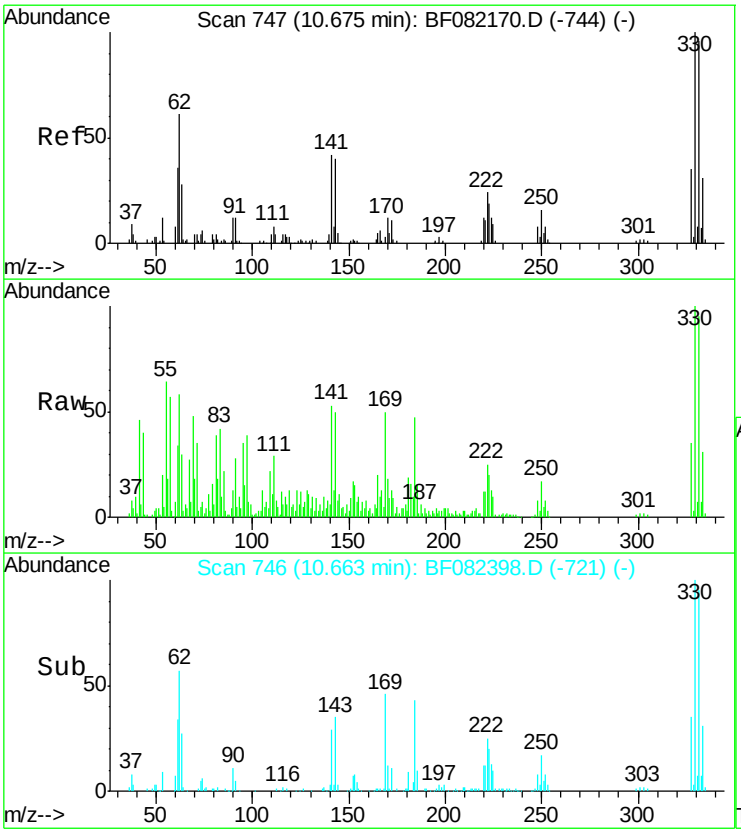
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:164 Resp: 130172

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.6	122.4
160	47.2	36.4	54.6

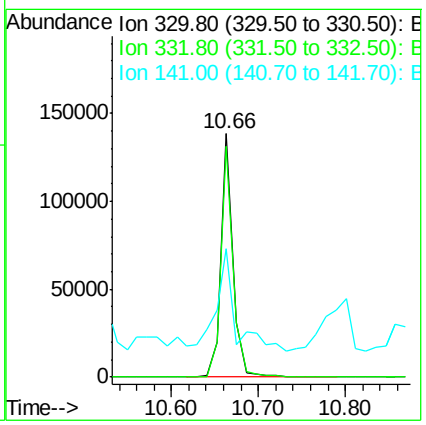


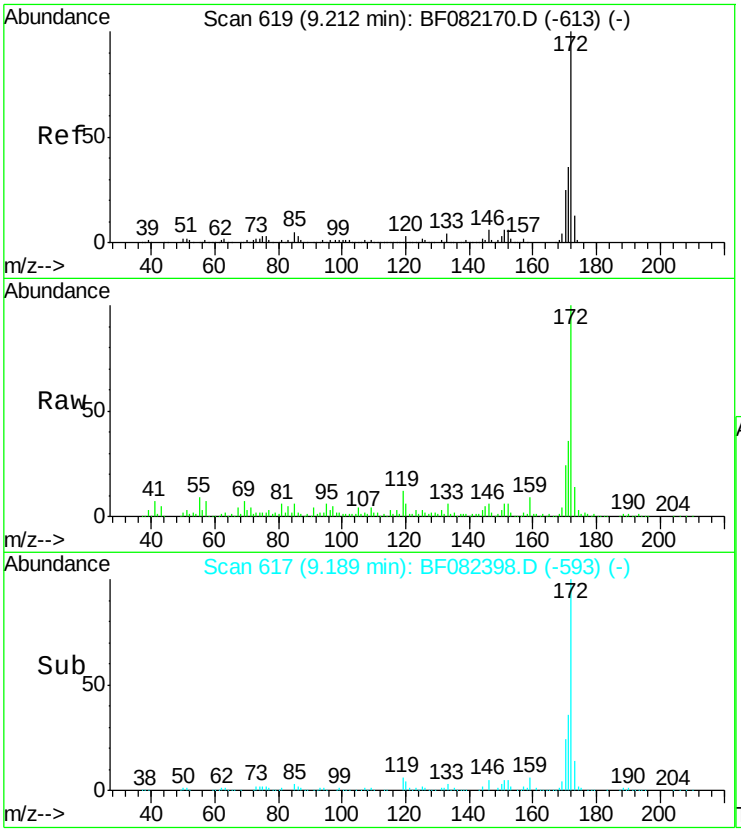


#41
2,4,6-Tribromophenol
Concen: 110.96 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:330 Resp: 135459

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	66.3	29.8	44.8#



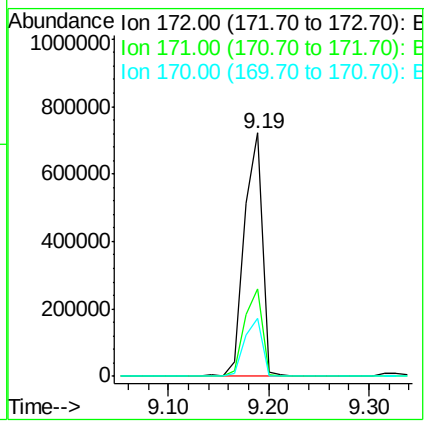


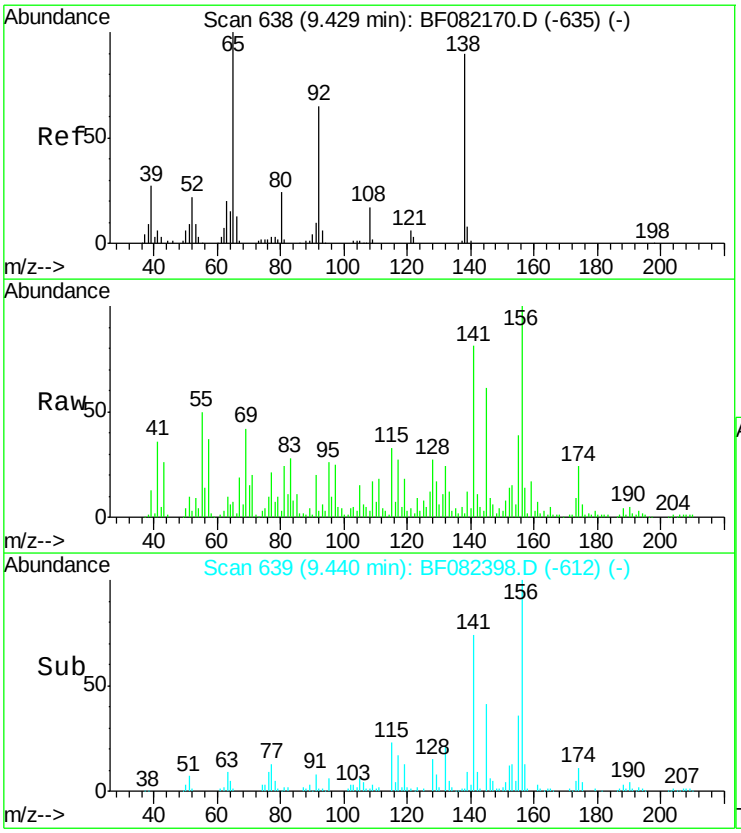
#44
2-Fluorobiphenyl
Concen: 115.12 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:172 Resp: 903611

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.7	19.7	29.5

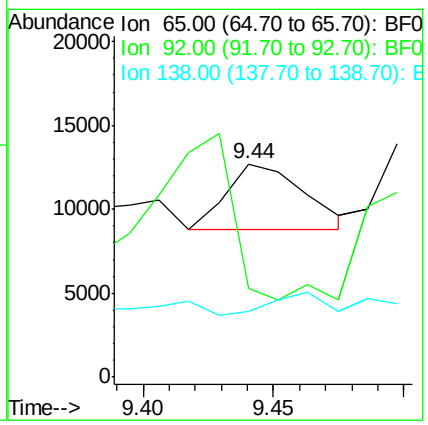


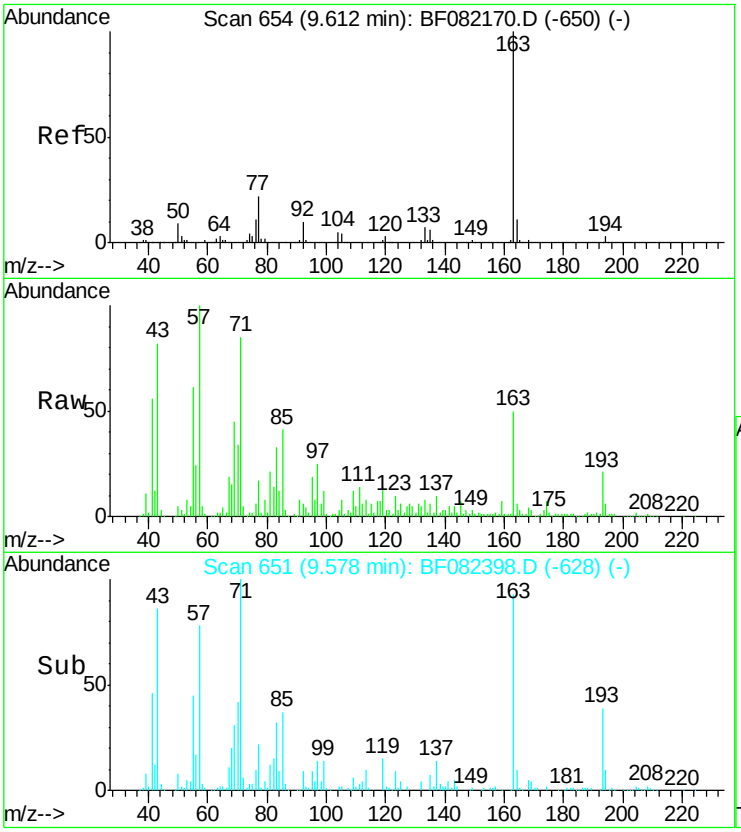


#47
2-Nitroaniline
Concen: 3.78 ng
RT: 9.44 min Scan# 639
Delta R.T. 0.01 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion: 65 Resp: 8103

Ion	Ratio	Lower	Upper
65	100		
92	41.5	52.3	78.5#
138	31.0	72.2	108.4#



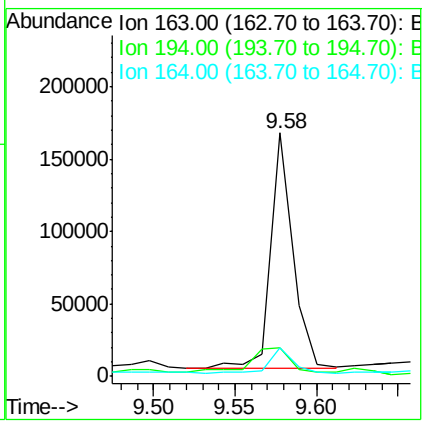


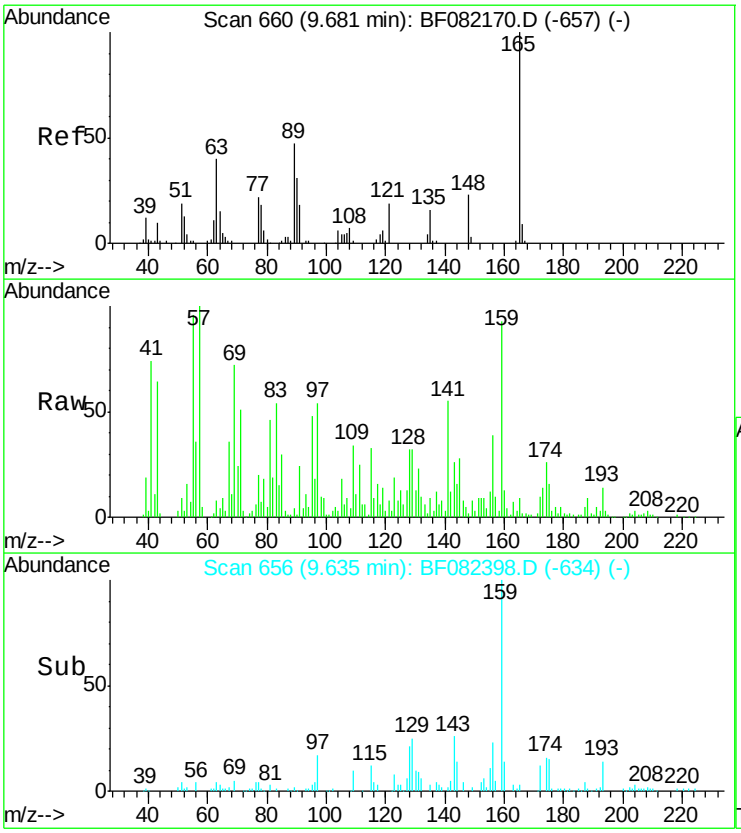
#49
Dimethylphthalate
Concen: 17.06 ng
RT: 9.58 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:163 Resp: 156422

Ion	Ratio	Lower	Upper
163	100		
194	12.0	2.6	4.0#
164	11.6	8.5	12.7

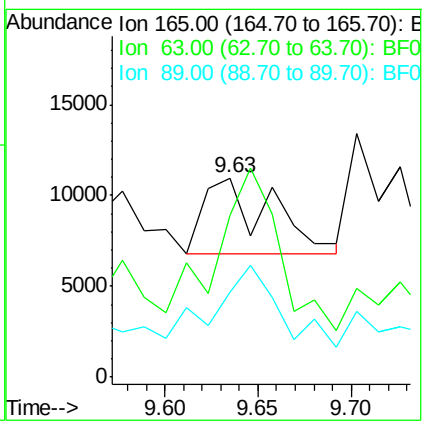


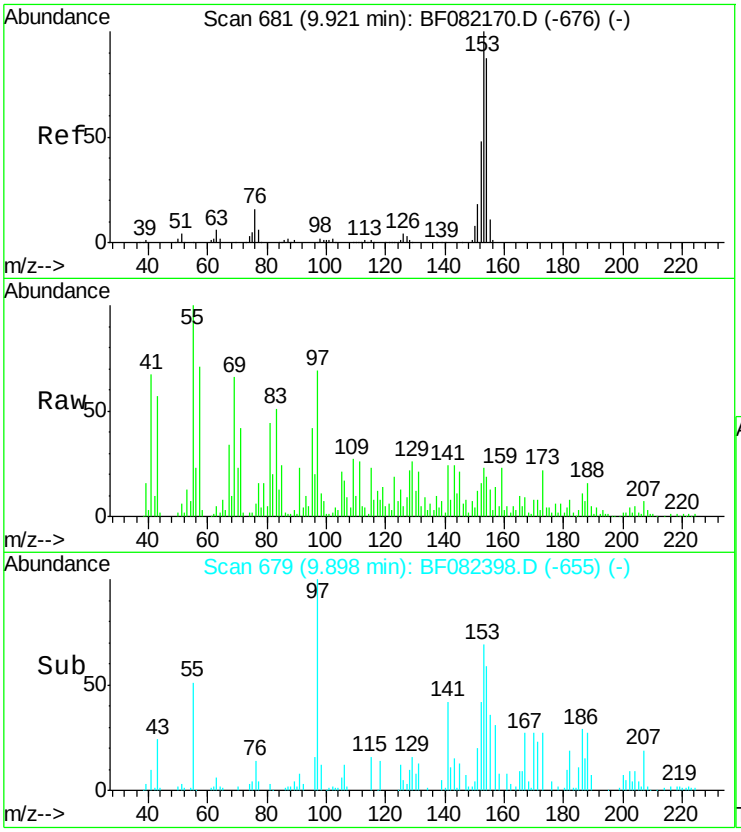


#50
2,6-Dinitrotoluene
Concen: 5.31 ng
RT: 9.63 min Scan# 656
Delta R.T. -0.05 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:165 Resp: 10268

Ion	Ratio	Lower	Upper
165	100		
63	81.2	36.7	55.1#
89	42.3	37.8	56.6



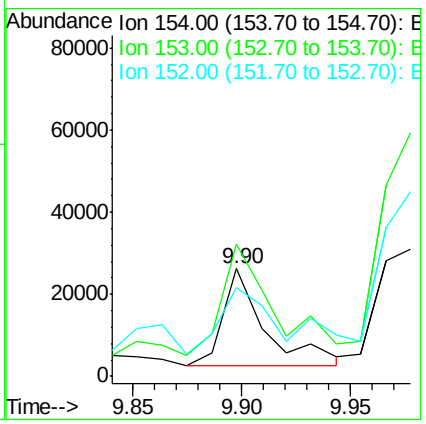


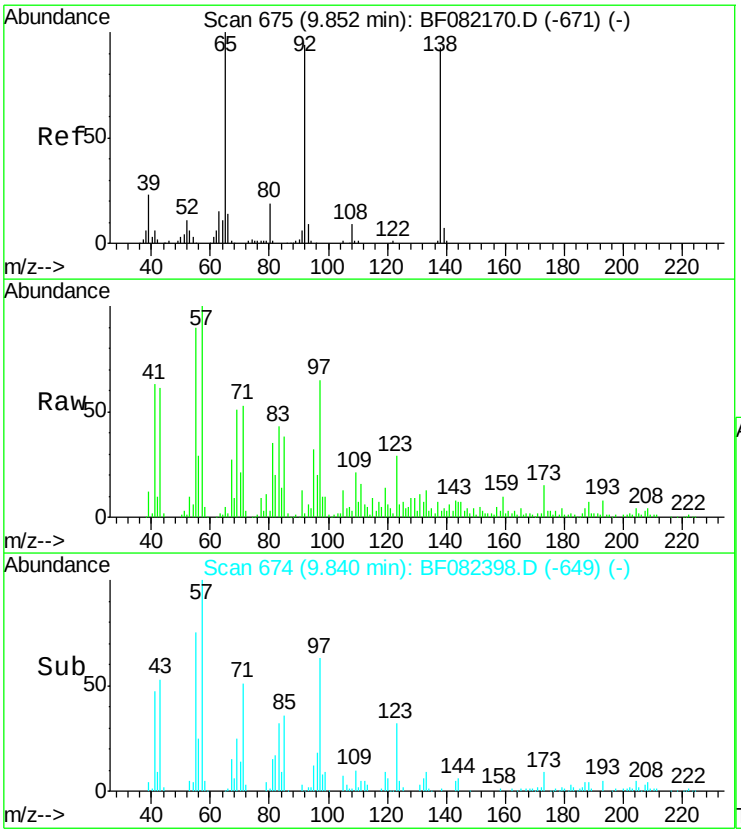
#51
Acenaphthene
Concen: 4.36 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:154 Resp: 31838

Ion	Ratio	Lower	Upper
154	100		
153	123.4	91.4	137.2
152	82.8	44.3	66.5#

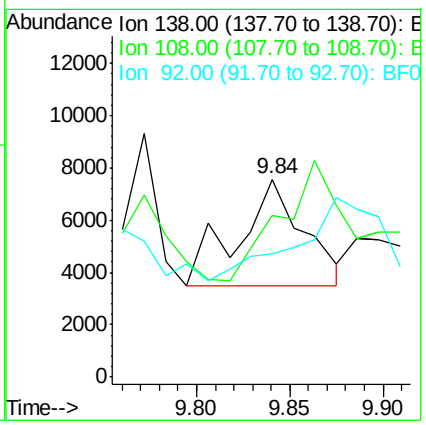


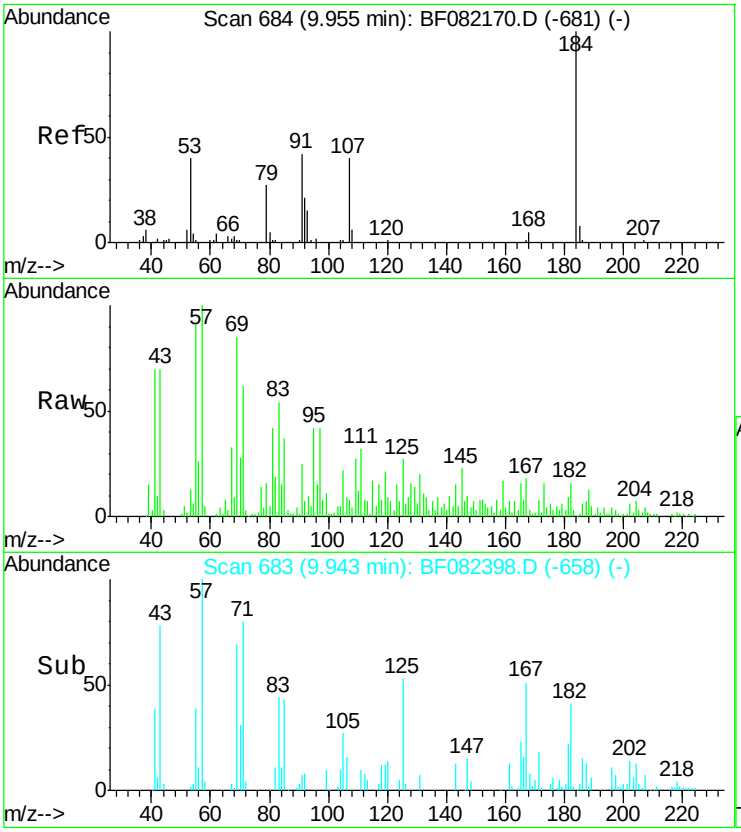


#52
3-Nitroaniline
Concen: 4.57 ng
RT: 9.84 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:138 Resp: 9979

Ion	Ratio	Lower	Upper
138	100		
108	81.6	7.4	11.0#
92	62.4	81.3	121.9#



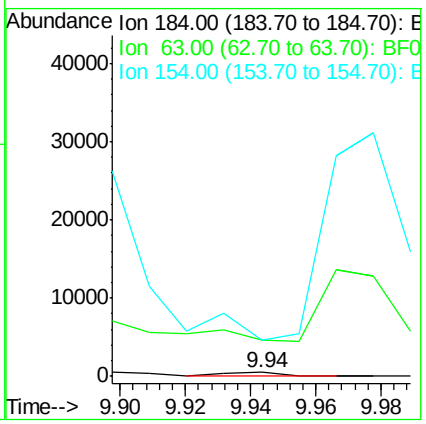


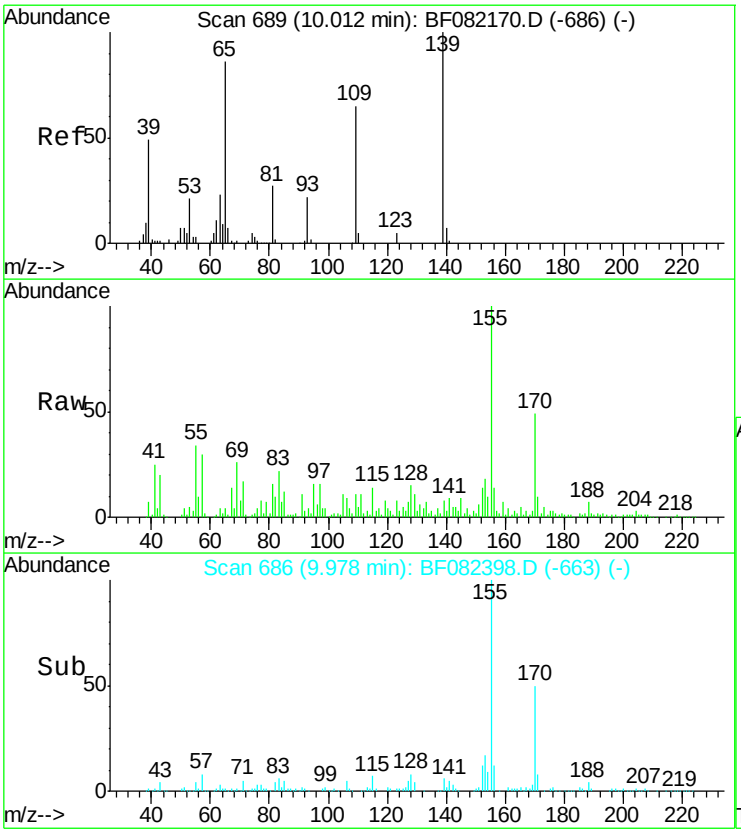
#53
2,4-Dinitrophenol
Concen: 6.88 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:184 Resp: 563

Ion	Ratio	Lower	Upper
184	100		
63	914.0	45.1	67.7#
154	926.4	51.2	76.8#

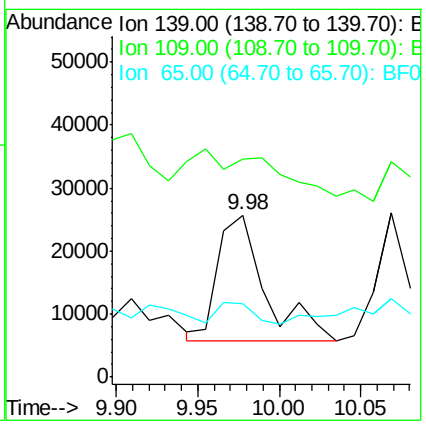


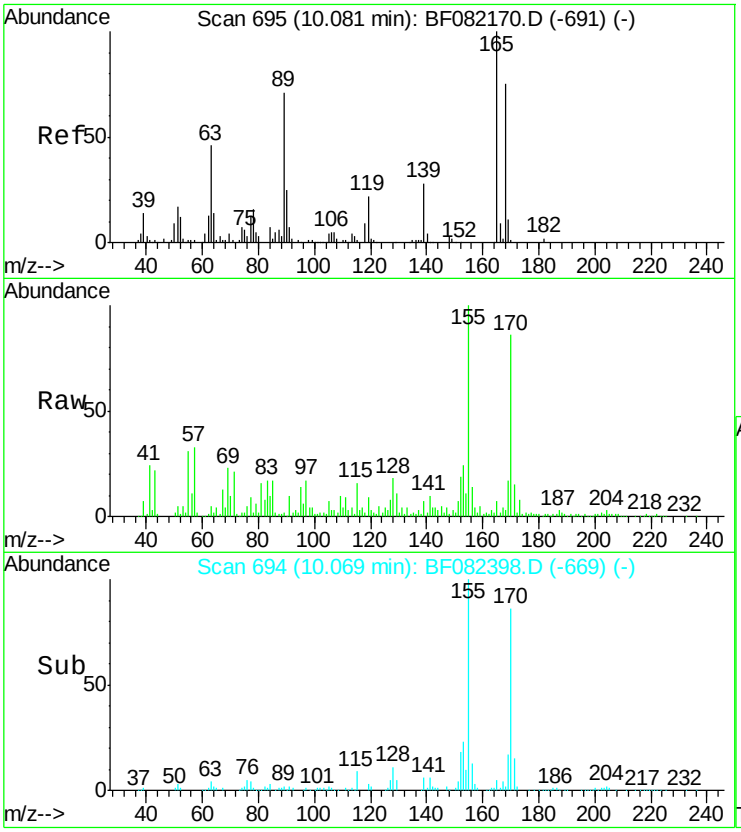


#55
4-Nitrophenol
Concen: 33.97 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:139 Resp: 39795

Ion	Ratio	Lower	Upper
139	100		
109	134.8	44.8	84.8#
65	45.1	67.7	107.7#



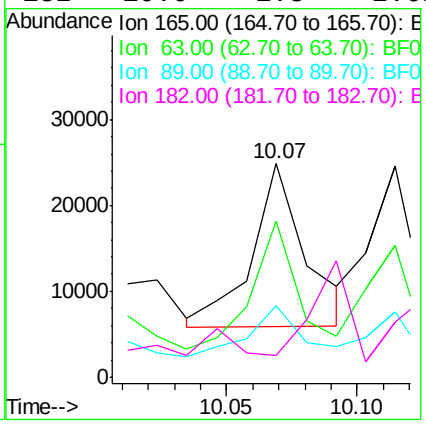


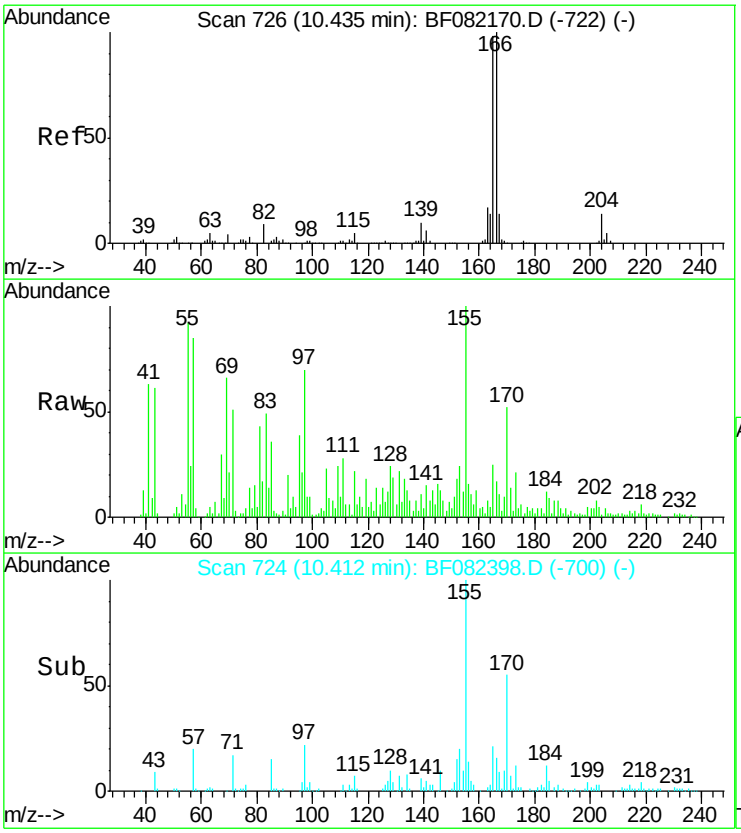
#56
2,4-Dinitrotoluene
Concen: 10.98 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:165 Resp: 26543

Ion	Ratio	Lower	Upper
165	100		
63	73.1	38.6	58.0#
89	33.3	57.0	85.6#
182	10.0	1.8	2.6#

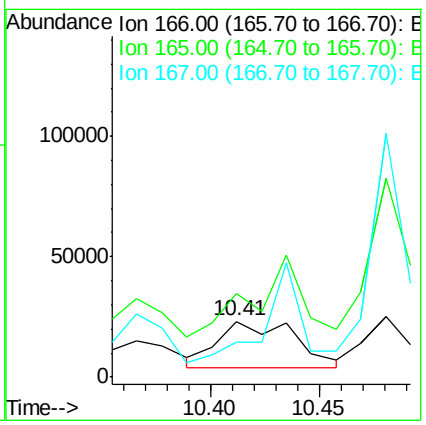


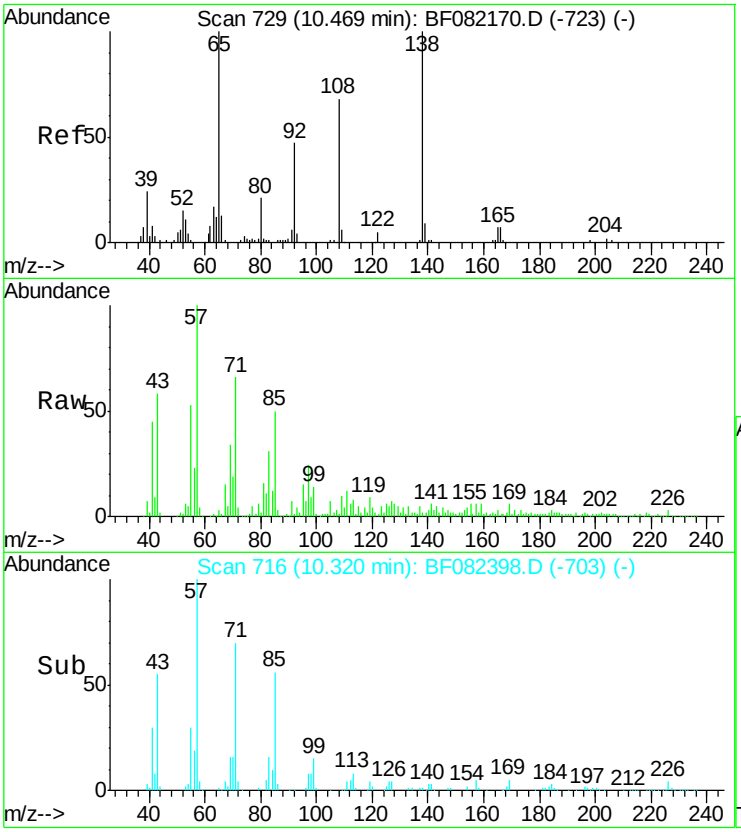


#57
Fluorene
Concen: 5.69 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:166 Resp: 46847

Ion	Ratio	Lower	Upper
166	100		
165	148.5	78.3	117.5#
167	62.5	10.8	16.2#



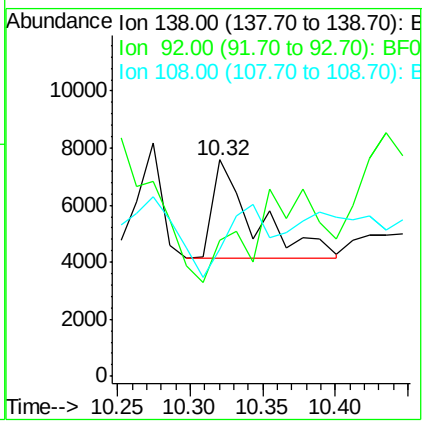


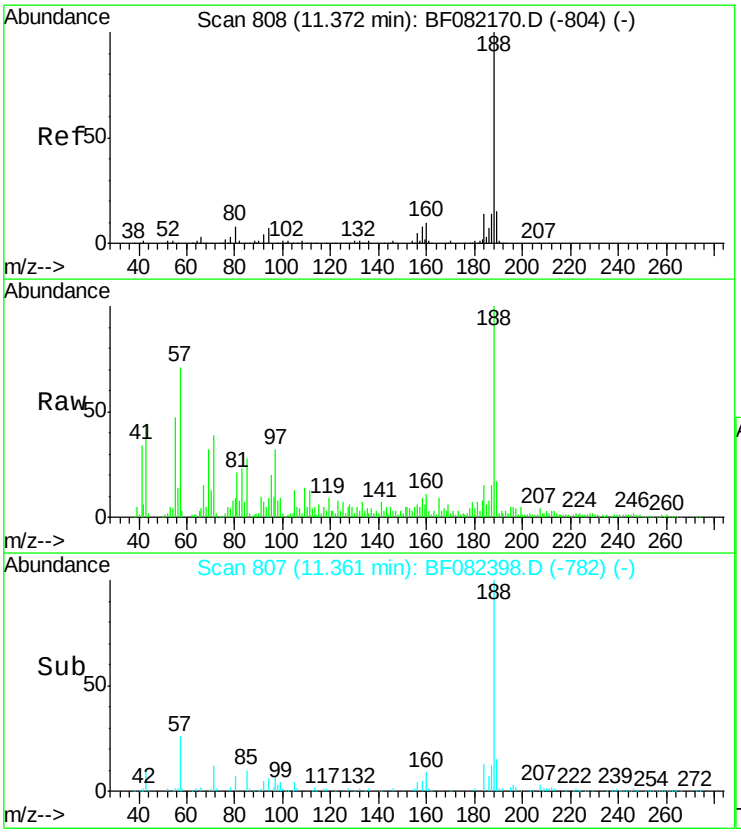
#61
4-Nitroaniline
Concen: 3.19 ng
RT: 10.32 min Scan# 716
Delta R.T. -0.15 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:138 Resp: 6753

Ion	Ratio	Lower	Upper
138	100		
92	62.7	26.8	66.8
108	58.9	48.4	88.4

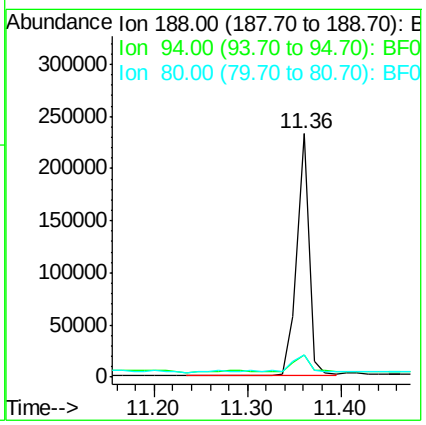


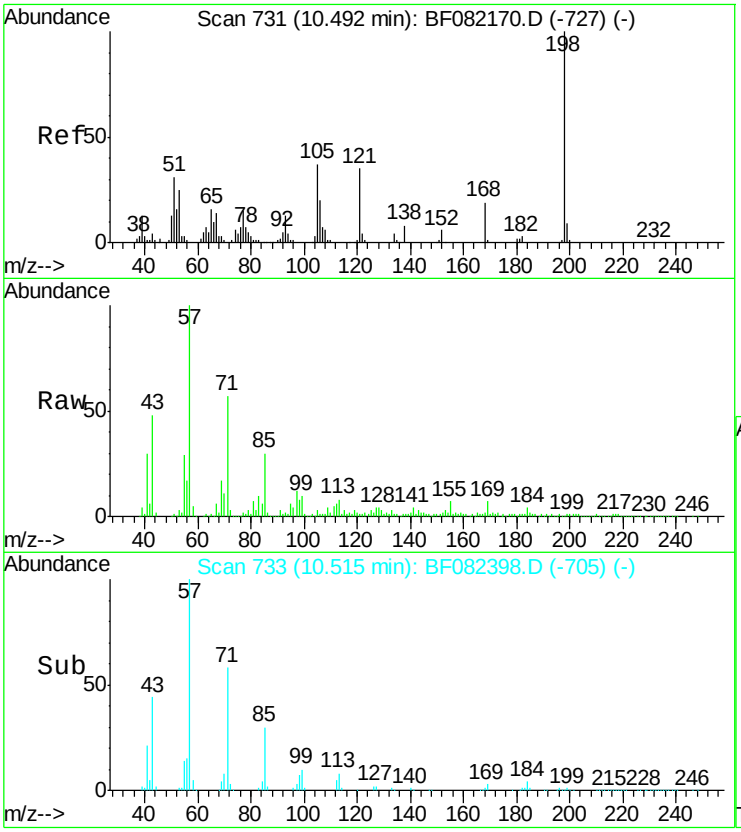


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:188 Resp: 215928

Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.8	8.6#
80	9.3	6.4	9.6



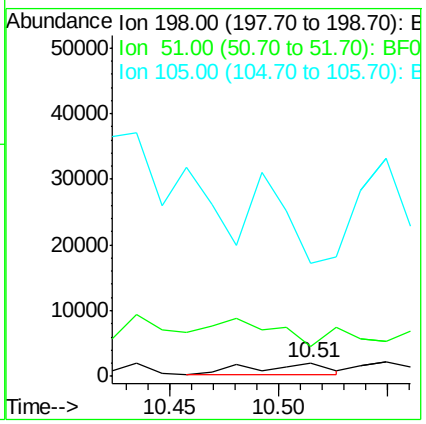


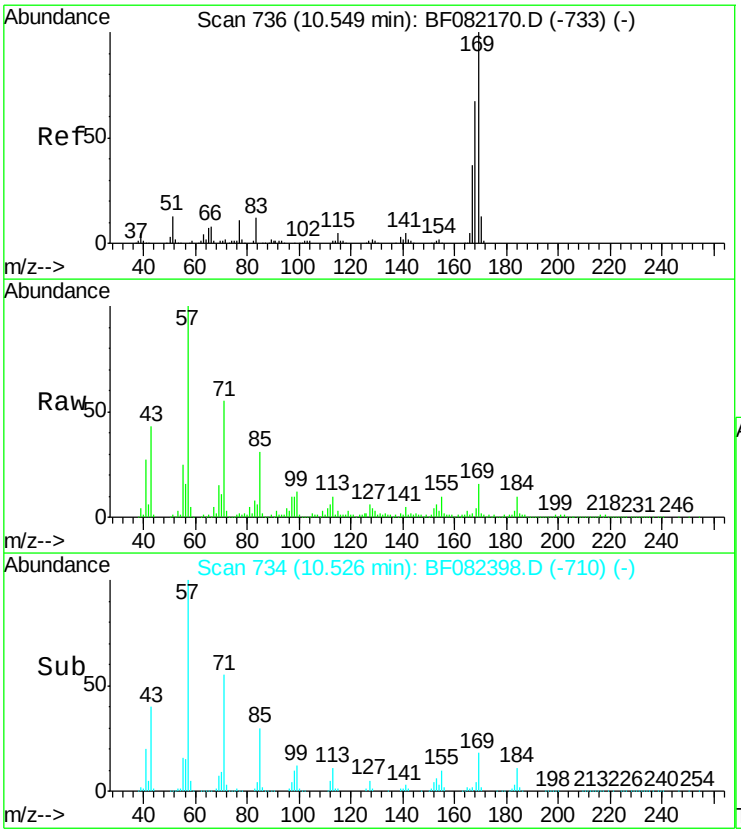
#64
4,6-Dinitro-2-methylphenol
Concen: 3.17 ng
RT: 10.51 min Scan# 733
Delta R.T. 0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:198 Resp: 3836

Ion	Ratio	Lower	Upper
198	100		
51	221.4	13.6	53.6#
105	822.9	17.1	57.1#

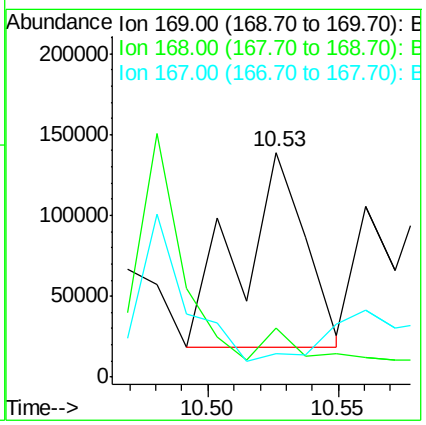


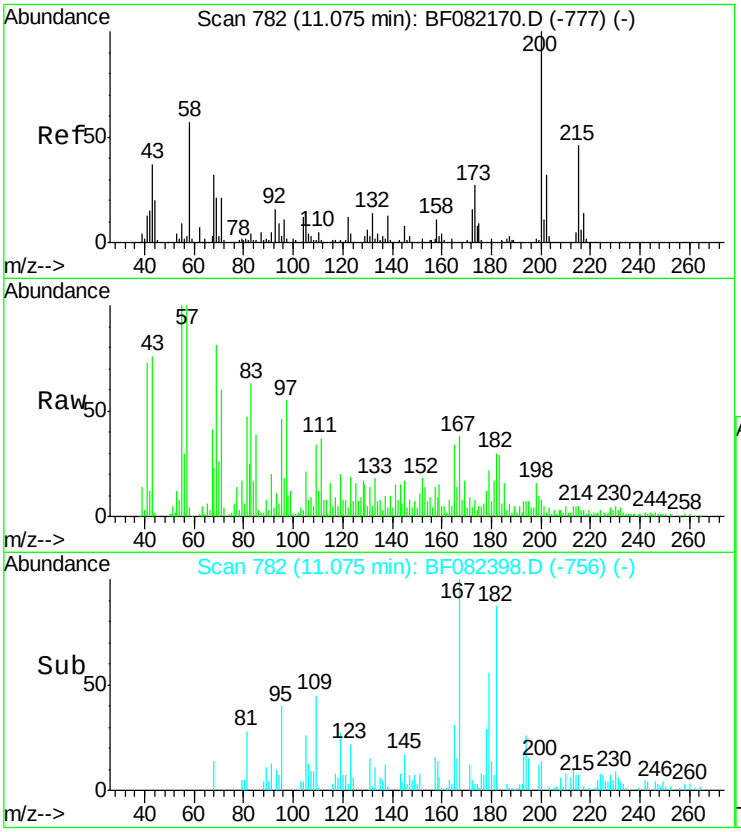


#65
n-Nitrosodiphenylamine
Concen: 32.36 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:169 Resp: 209240

Ion	Ratio	Lower	Upper
169	100		
168	21.8	54.0	81.0#
167	10.3	29.6	44.4#



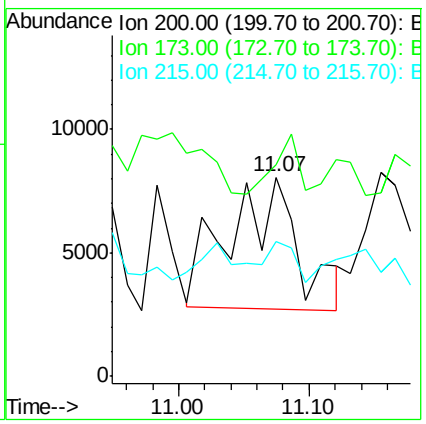


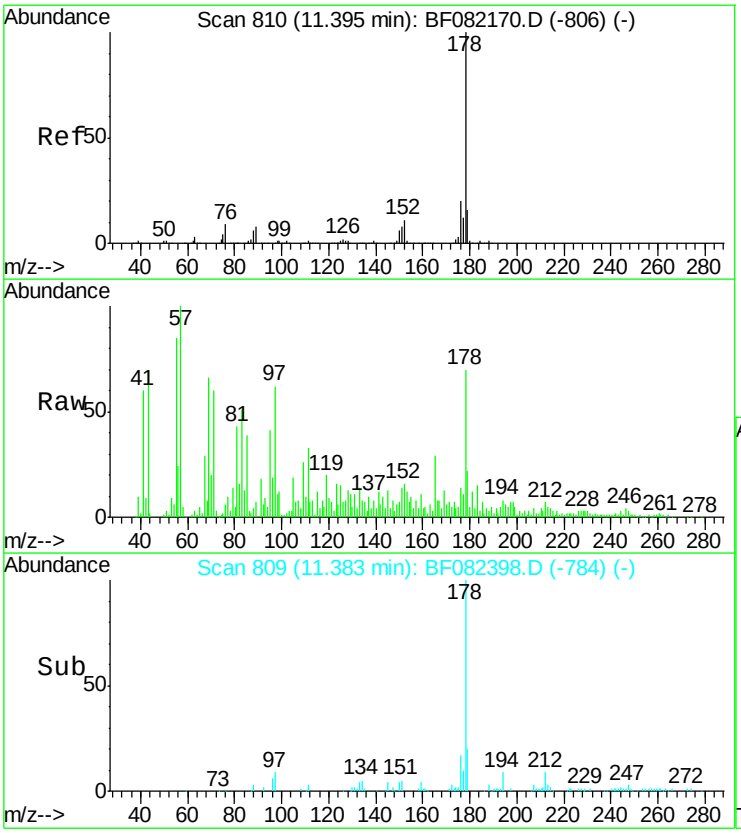
#68
Atrazine
Concen: 9.68 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:200 Resp: 19829

Ion	Ratio	Lower	Upper
200	100		
173	106.6	7.3	47.3#
215	68.0	26.2	66.2#

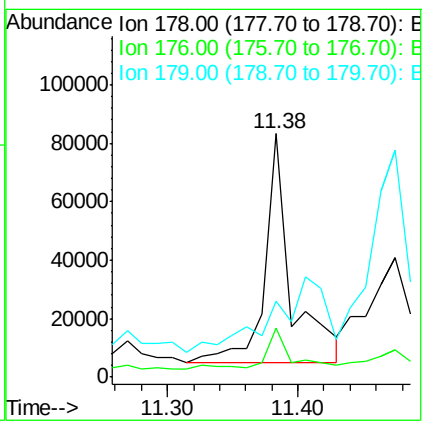


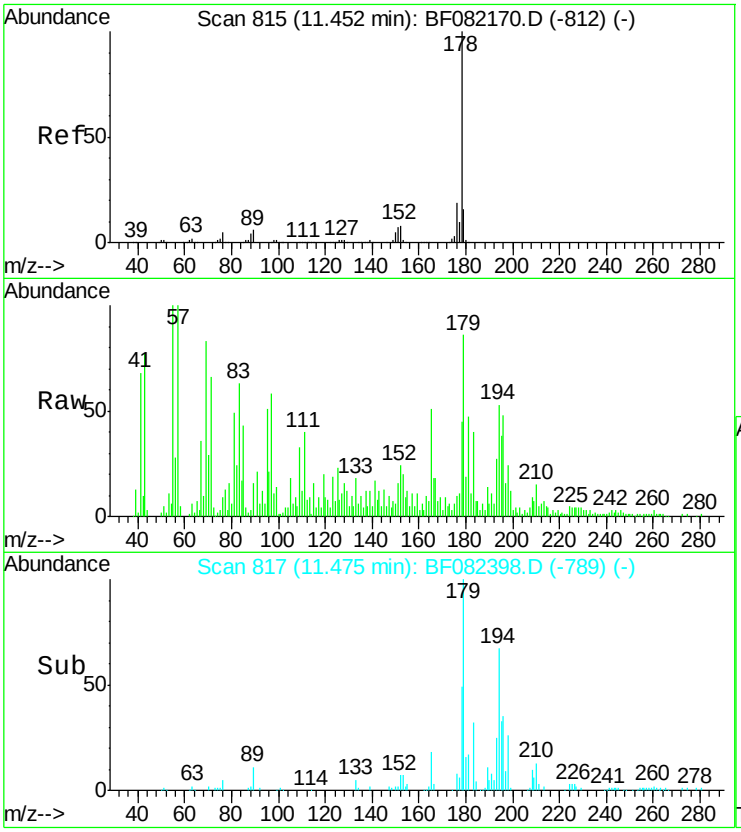


#70
Phenanthrene
Concen: 10.48 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:178 Resp: 110927

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	31.3	12.6	19.0#



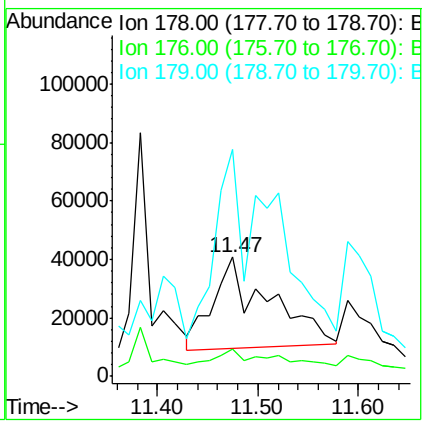


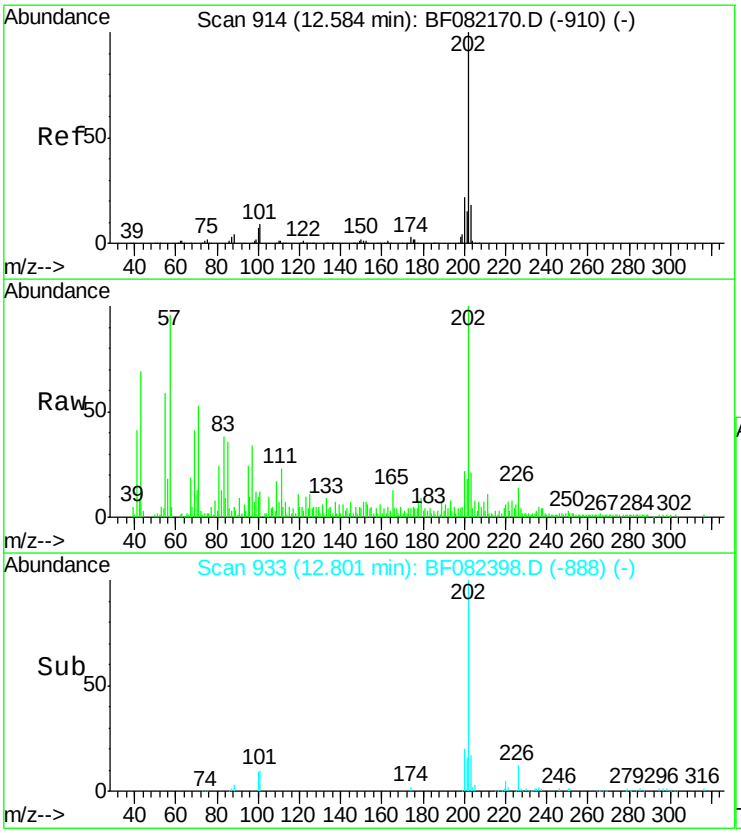
#71
Anthracene
Concen: 10.99 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.02 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:178 Resp: 119849

Ion	Ratio	Lower	Upper
178	100		
176	23.1	15.4	23.0#
179	190.4	12.5	18.7#

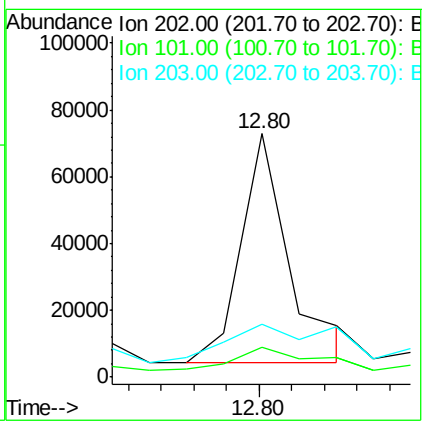


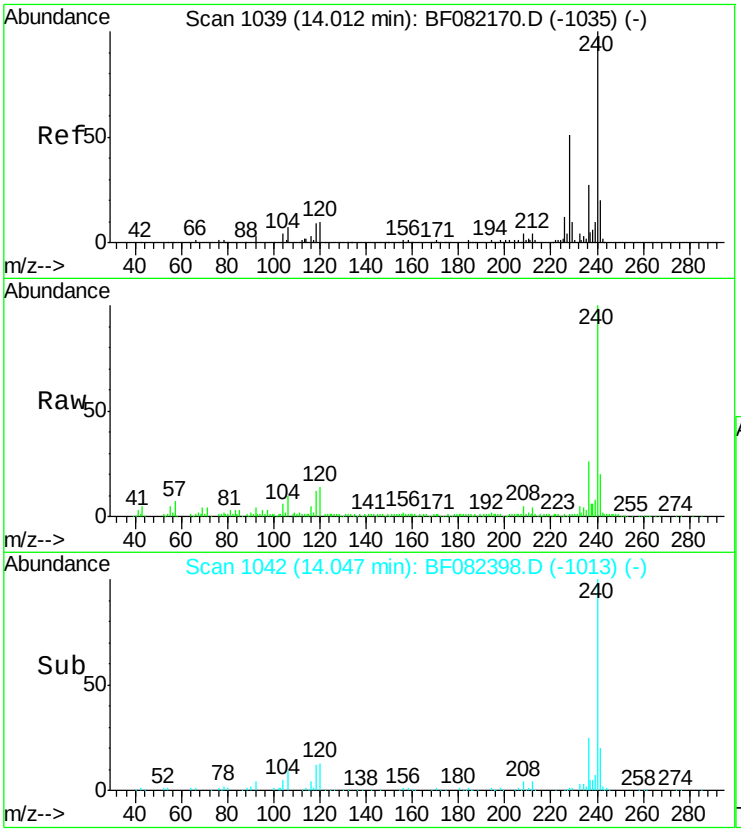


#74
Fluoranthene
Concen: 6.23 ng
RT: 12.80 min Scan# 933
Delta R.T. 0.22 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:202 Resp: 70763

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	29.3
203	21.5	0.0	37.8



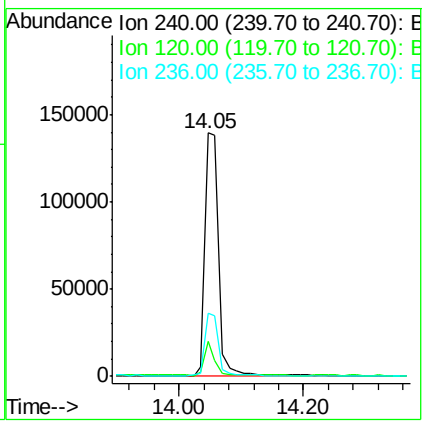


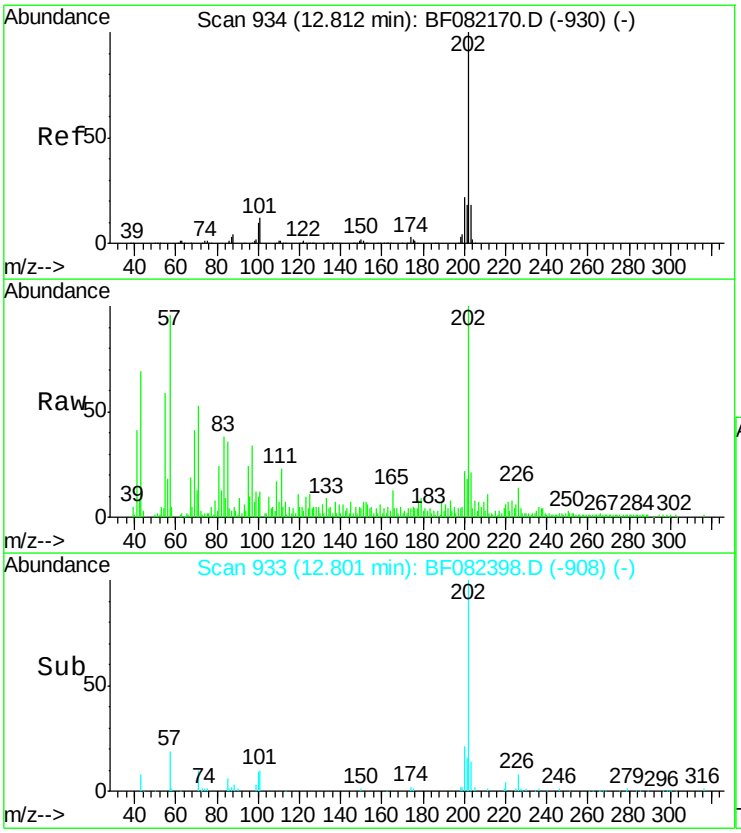
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. 0.03 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:240 Resp: 216693

Ion	Ratio	Lower	Upper
240	100		
120	14.3	8.1	12.1#
236	25.7	21.3	31.9

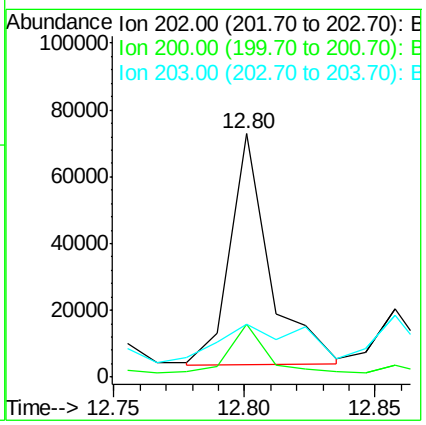


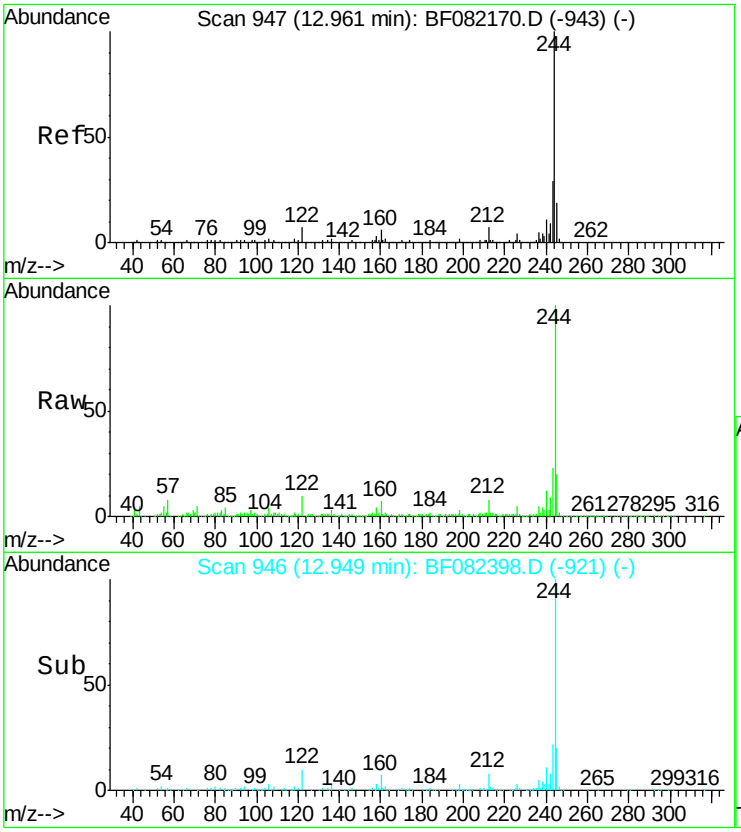


#77
Pyrene
Concen: 5.71 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:202 Resp: 73455

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.9	26.9
203	21.5	14.5	21.7



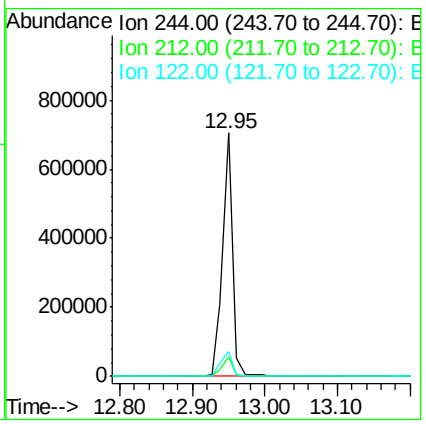


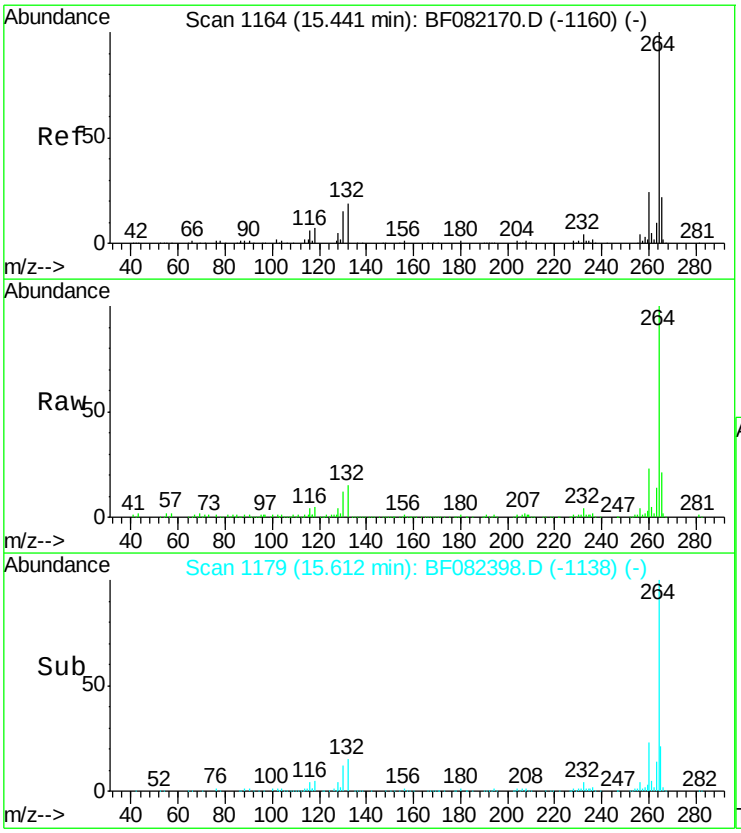
#78
Terphenyl-d14
Concen: 83.12 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
PX3RE

Tgt Ion:244 Resp: 679689

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	10.1	5.9	8.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1179
Delta R.T. 0.17 min
Lab File: BF082398.D
Acq: 20 Oct 2015 12:41

Tgt Ion:264 Resp: 195312

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.4	17.3	25.9