Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081513.D
Acq On : 6 Sep 2015 16:51
Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HX2

Quant Time: Sep 07 02:00:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	51175	20.00	ng	-0.03
21) Naphthalene-d8	7.66	136	181889	20.00	ng	-0.02
38) Acenaphthene-d10	9.39	164	72755	20.00	ng	-0.02
63) Phenanthrene-d10	10.87	188	113950	20.00	ng	-0.01
75) Chrysene-d12	13.46	240	107813	20.00	ng	-0.03
86) Perylene-d12	14.77	264	80830	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	431027	130.68	ng	-0.01
7) Phenol-d6	6.03	99	542854	124.34	ng	-0.02
23) Nitrobenzene-d5	6.94	82	335852	89.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.18	330	65452	101.04	ng	-0.02
44) 2-Fluorobiphenyl	8.74	172	530202	93.39	ng	-0.02
78) Terphenyl-d14	12.45	244	320541	69.21	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.51	79	8327	2.32	ng	# 33
18) Hexachloroethane	6.94	117	72863	47.36	ng	# 6
25) Isophorone	7.18	82	19224	2.74	ng	# 1
31) Naphthalene	7.66	128	30650	3.16	ng	# 1
32) Benzoic acid	7.45	122	2690	3.75	ng	# 1
35) Caprolactam	8.11	113	22374	28.54	ng	# 1
37) 2-Methylnaphthalene	8.36	142	232939	36.90	ng	# 84
47) 2-Nitroaniline	8.99	65	8580	4.36	ng	# 34
49) Dimethylphthalate	9.14	163	72412	12.81	ng	# 97
50) 2,6-Dinitrotoluene	9.18	165	3609	2.81	ng	# 1
51) Acenaphthene	9.43	154	22489	4.61	ng	# 77
52) 3-Nitroaniline	9.38	138	3463	2.37	ng	# 64
54) Dibenzofuran	9.60	168	14315	2.01	ng	# 1
55) 4-Nitrophenol	9.51	139	15083	16.44	ng	# 42
56) 2,4-Dinitrotoluene	9.61	165	10171	6.23	ng	# 56
57) Fluorene	9.94	166	41529	7.68	ng	# 76
65) n-Nitrosodiphenylamine	10.07	169	61656	14.87	ng	# 76
68) Atrazine	10.59	200	3876	3.23	ng	# 37
69) Pentachlorophenol	10.54	266	212	9.07	ng	# 19
70) Phenanthrene	10.89	178	76881	12.14	ng	# 89
71) Anthracene	10.94	178	13425	2.06	ng	# 17
77) Pyrene	12.27	202	22584	2.83	ng	# 86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
Data File : BF081513.D
Acq On : 6 Sep 2015 16:51
Operator : UM/IZ
Sample : G3419-02
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument : BNA_F
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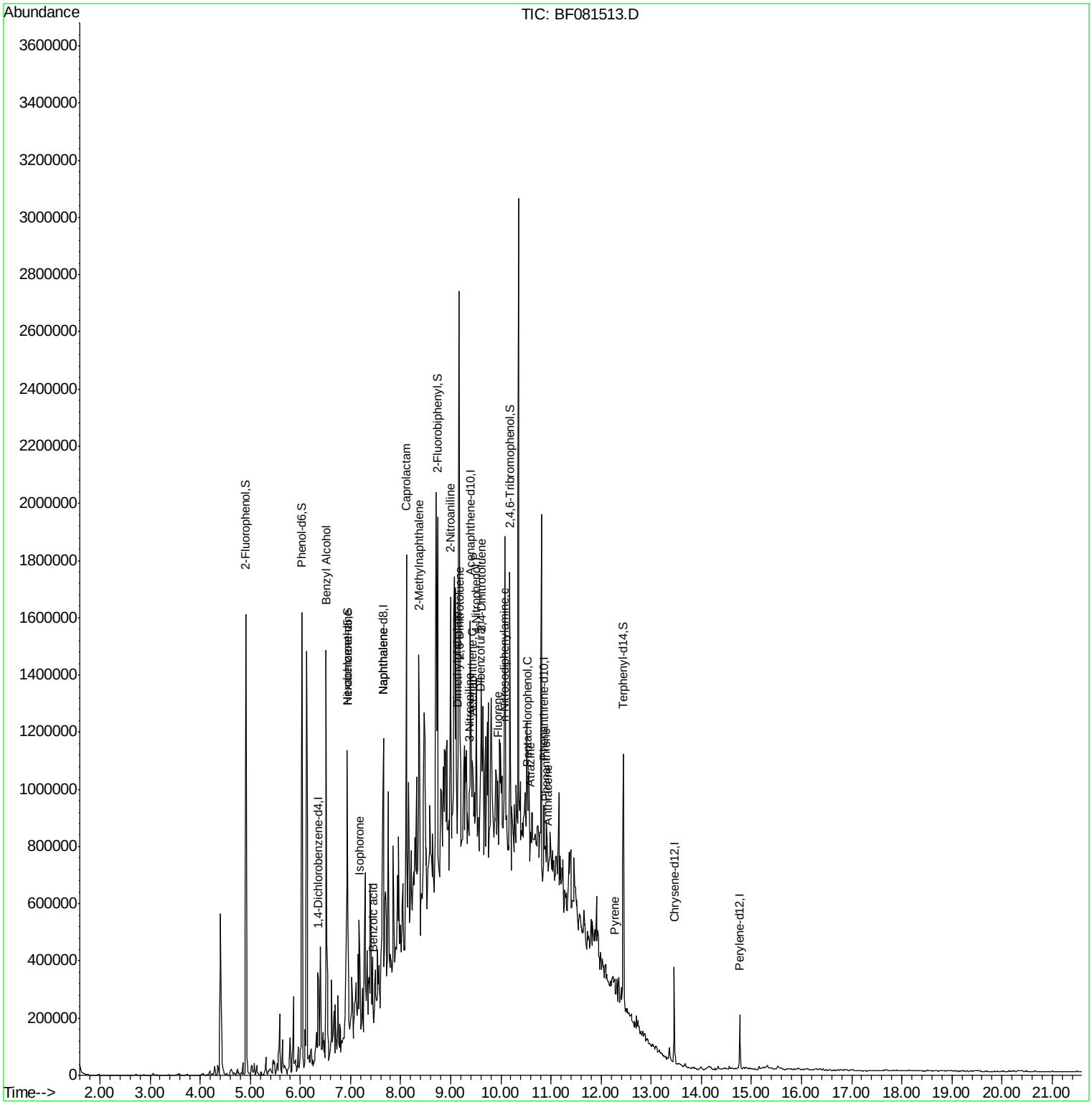
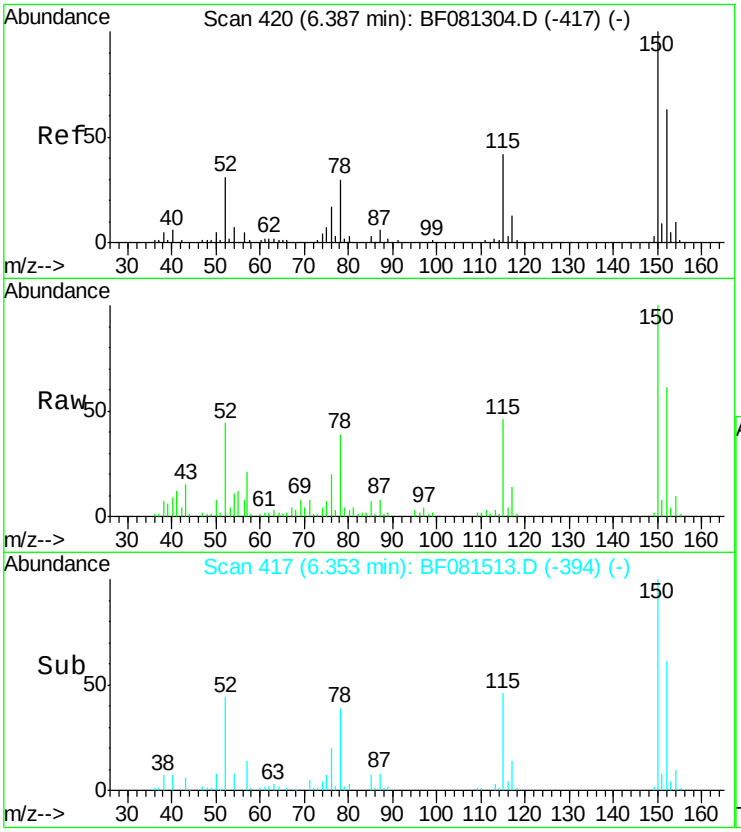


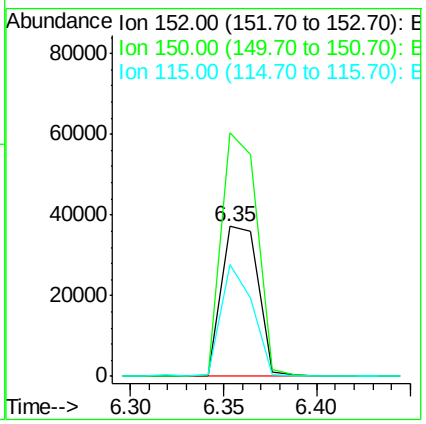


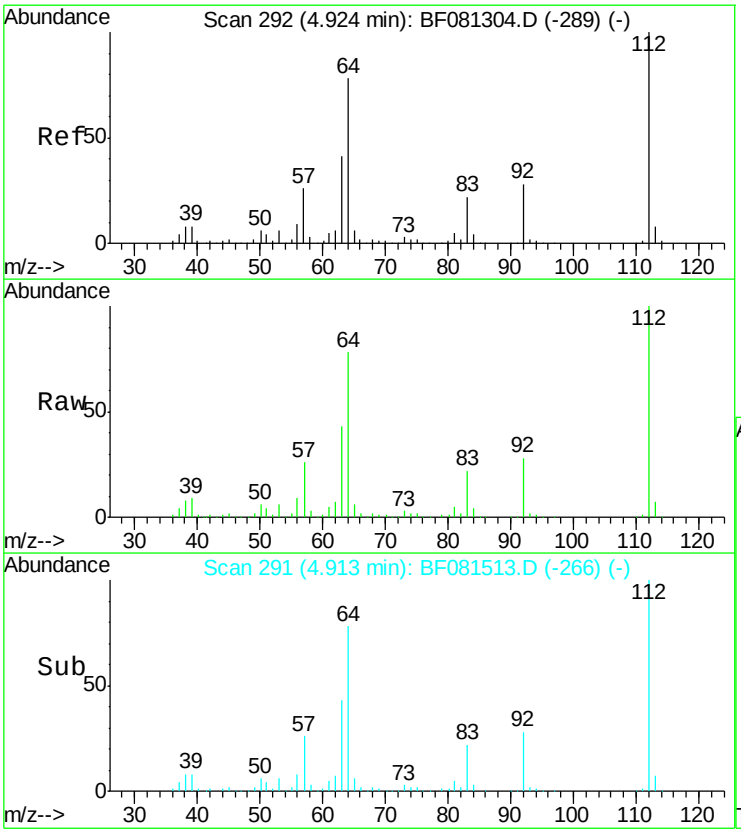
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:152 Resp: 51175

Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.7	187.1
115	74.8	39.0	58.4#

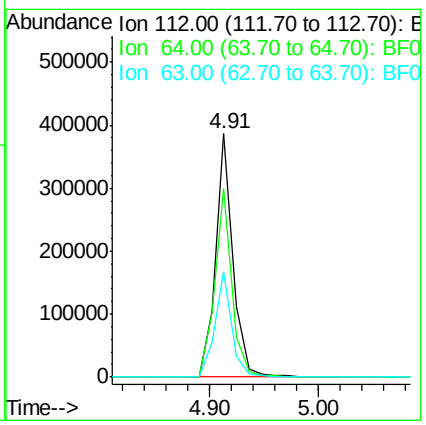


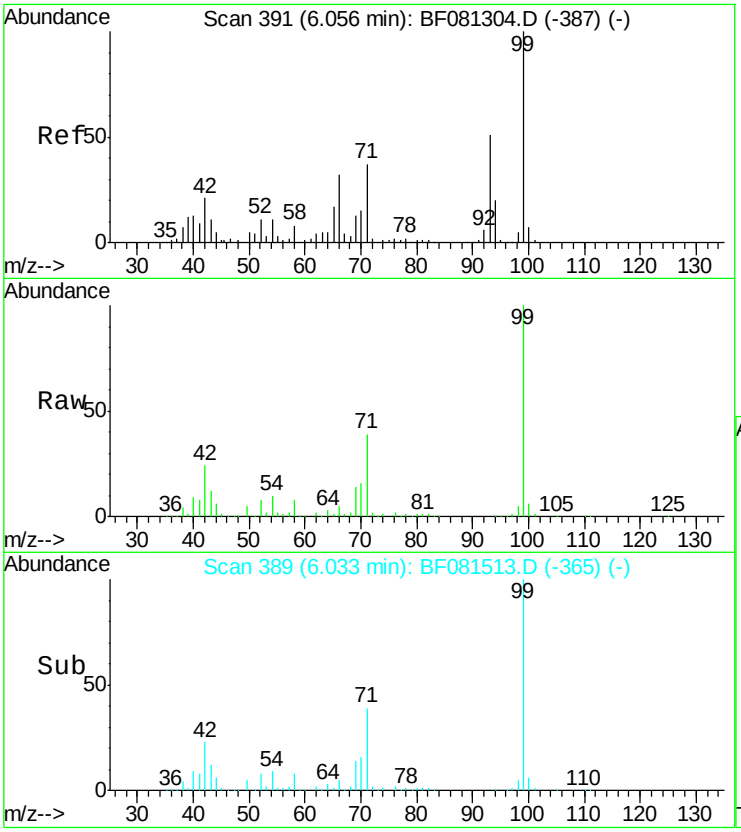


#5
2-Fluorophenol
Concen: 130.68 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:112 Resp: 431027

Ion	Ratio	Lower	Upper
112	100		
64	77.6	39.7	59.5#
63	43.1	17.4	26.0#



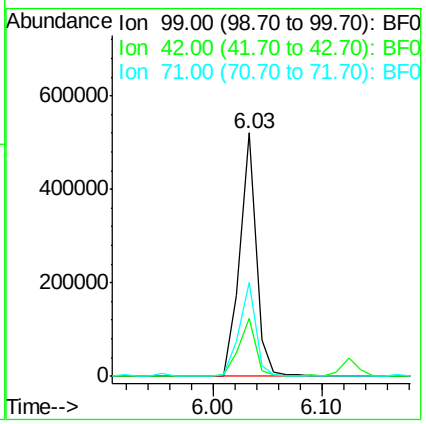


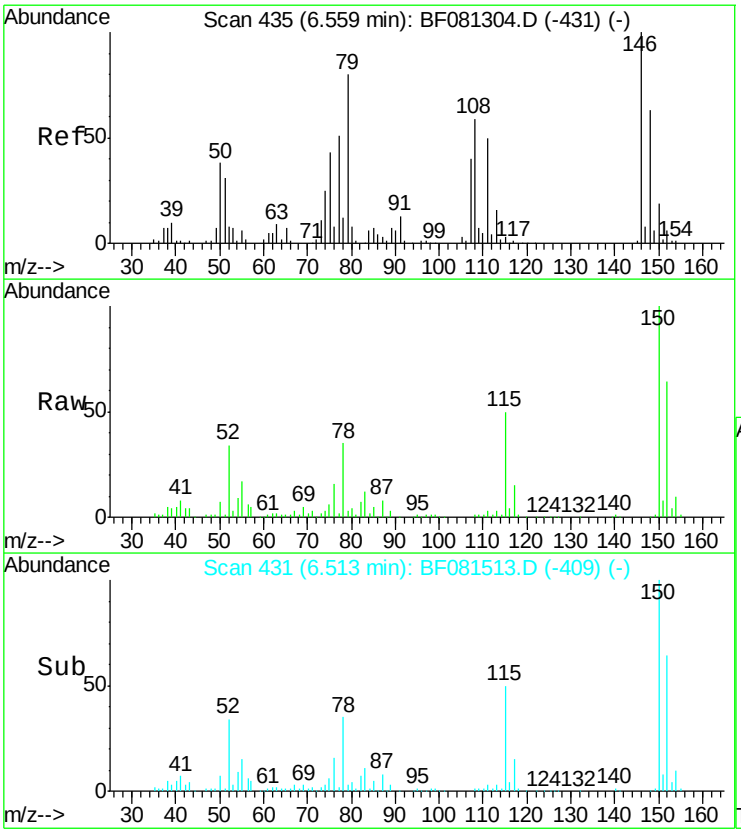
#7
Phenol-d6
Concen: 124.34 ng
RT: 6.03 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion: 99 Resp: 542854

Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.7	20.5#
71	38.6	14.2	21.2#

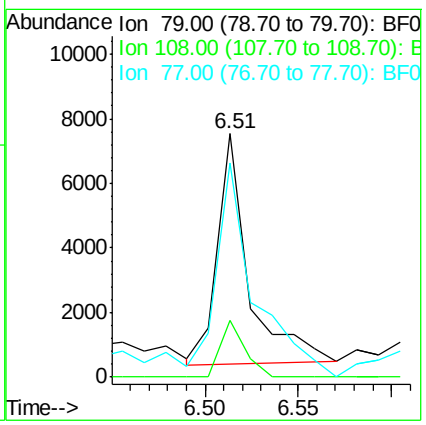


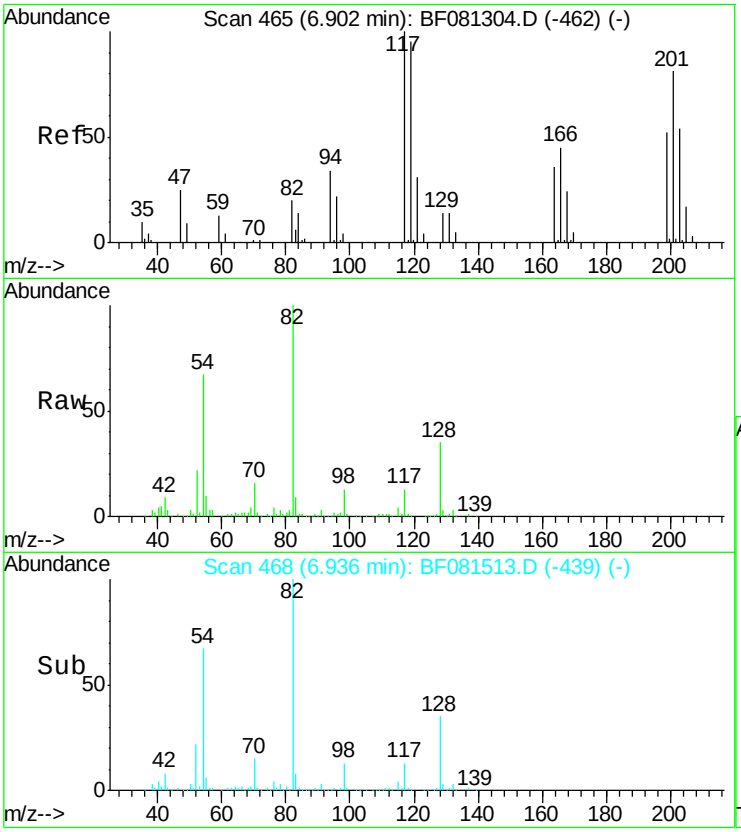


#15
Benzyl Alcohol
Concen: 2.32 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion: 79 Resp: 8327

Ion	Ratio	Lower	Upper
79	100		
108	23.4	88.6	132.8#
77	88.0	47.0	70.4#



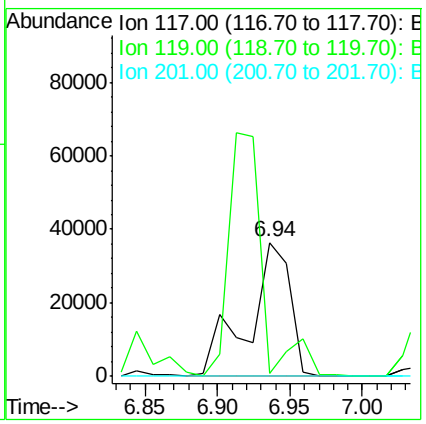


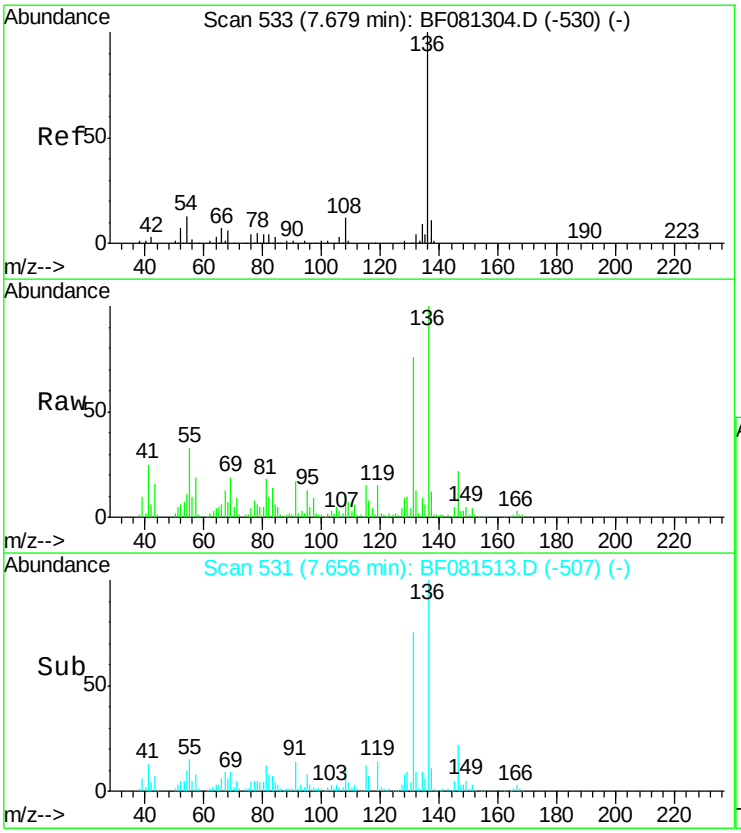
#18
Hexachloroethane
Concen: 47.36 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.03 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:117 Resp: 72863

Ion	Ratio	Lower	Upper
117	100		
119	2.4	83.8	125.6#
201	0.0	55.1	82.7#

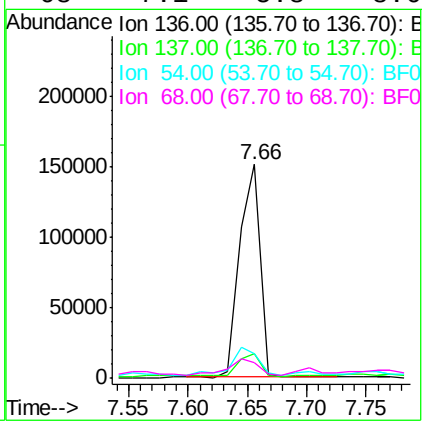


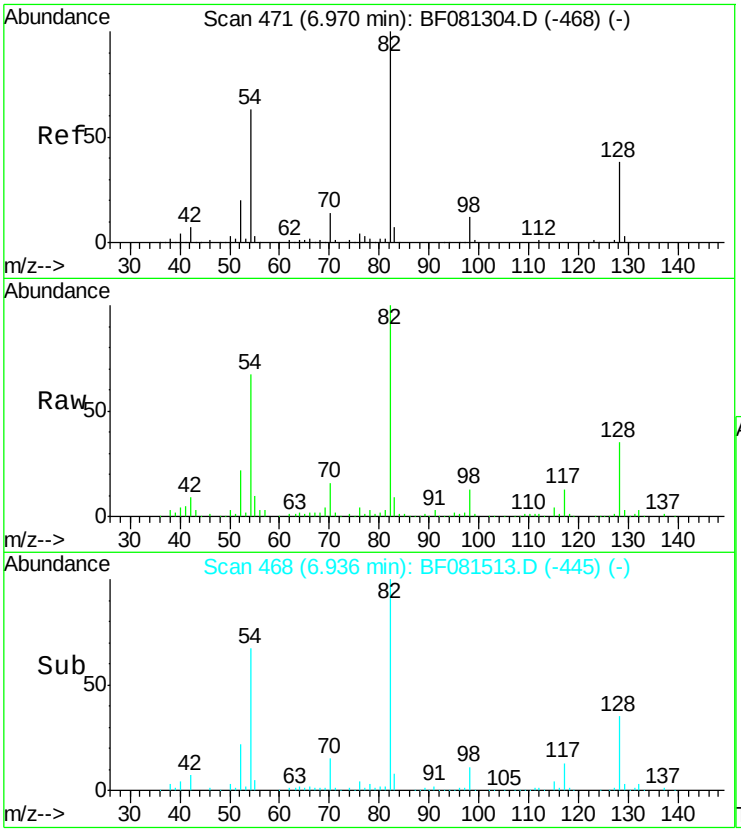


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:136 Resp: 181889

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	11.4	8.2	12.2
68	7.1	5.8	8.6



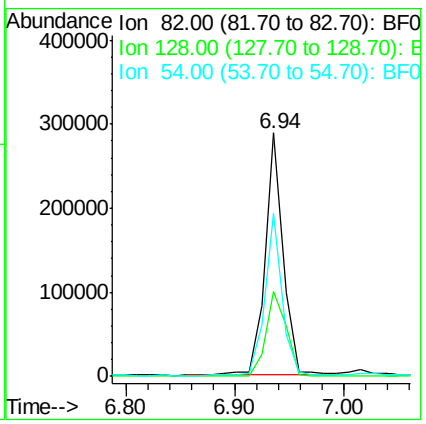


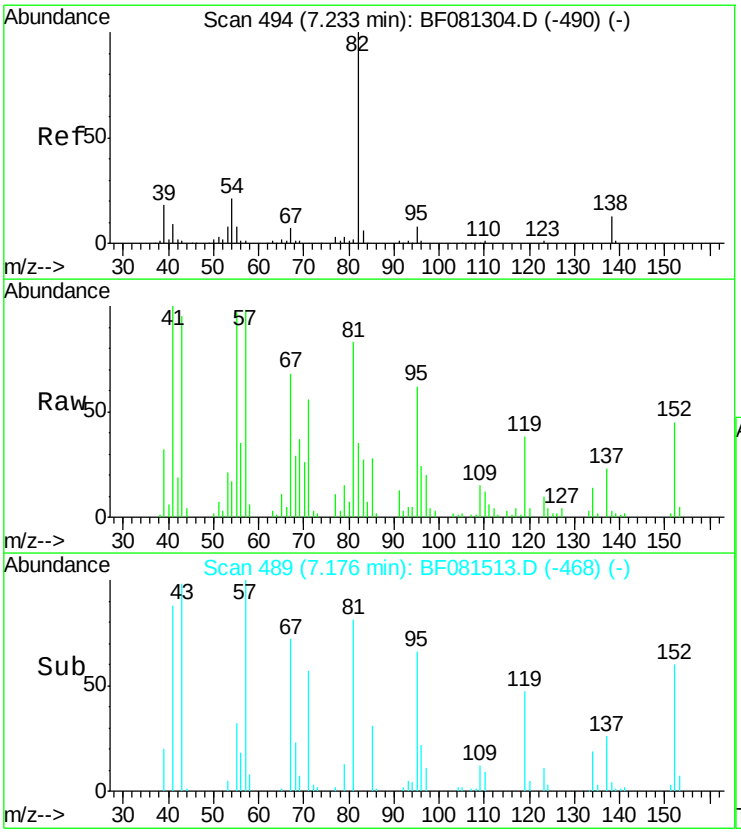
#23
Nitrobenzene-d5
Concen: 89.09 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion: 82 Resp: 335852

Ion	Ratio	Lower	Upper
82	100		
128	35.1	51.0	76.6#
54	67.1	47.5	71.3

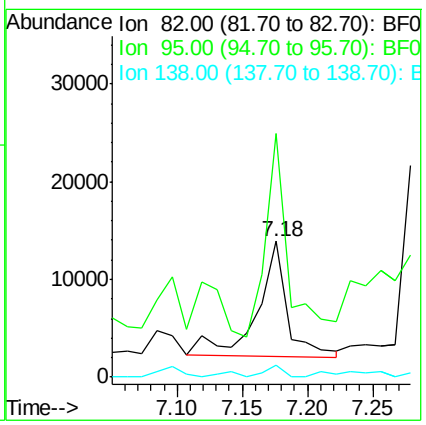


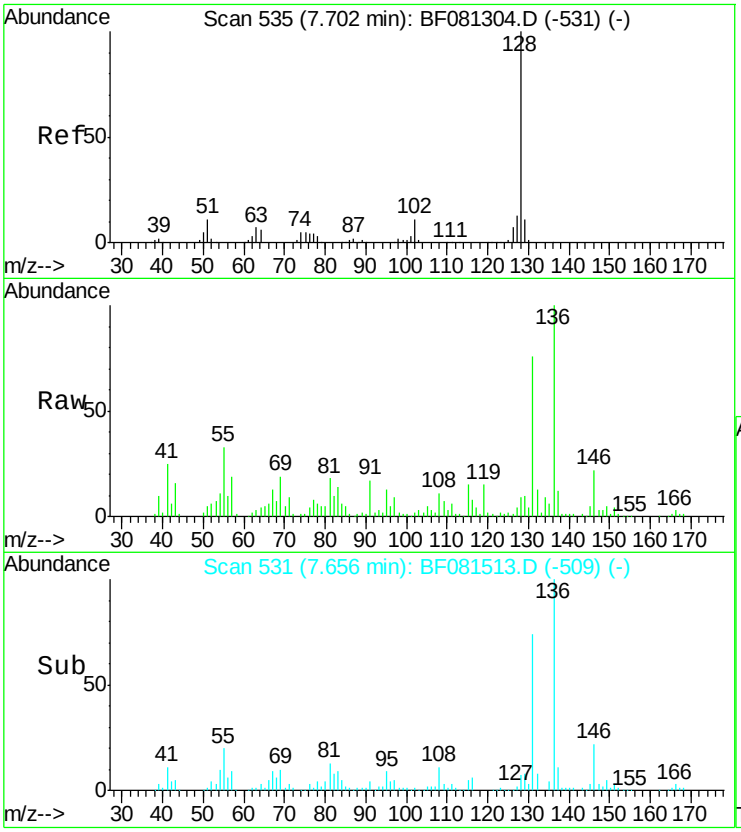


#25
Isophorone
Concen: 2.74 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.06 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion: 82 Resp: 19224

Ion	Ratio	Lower	Upper
82	100		
95	179.2	4.0	6.0#
138	8.5	18.3	27.5#



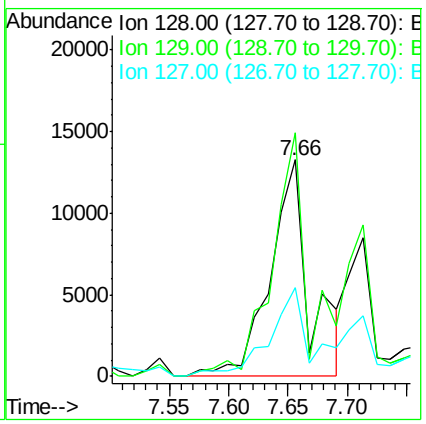


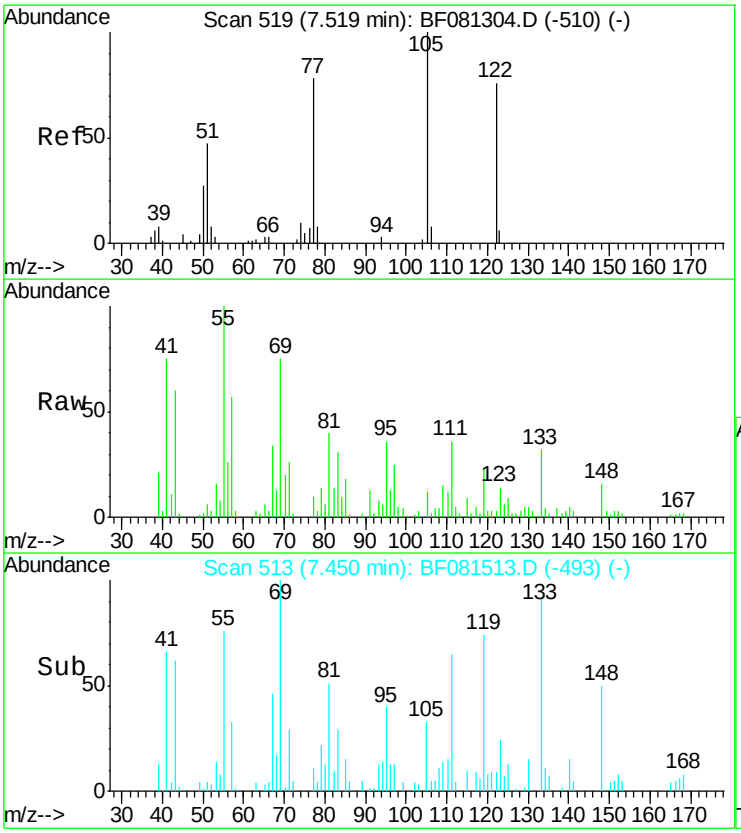
#31
Naphthalene
Concen: 3.16 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:128 Resp: 30650

Ion	Ratio	Lower	Upper
128	100		
129	112.6	8.4	12.6#
127	40.8	9.9	14.9#

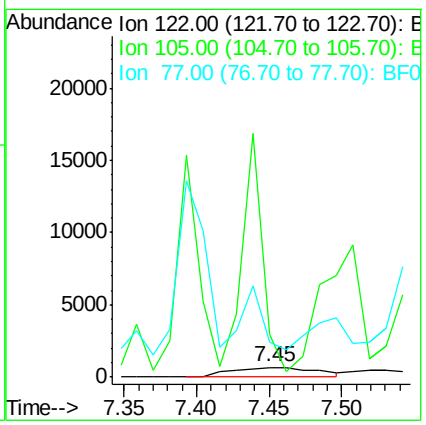


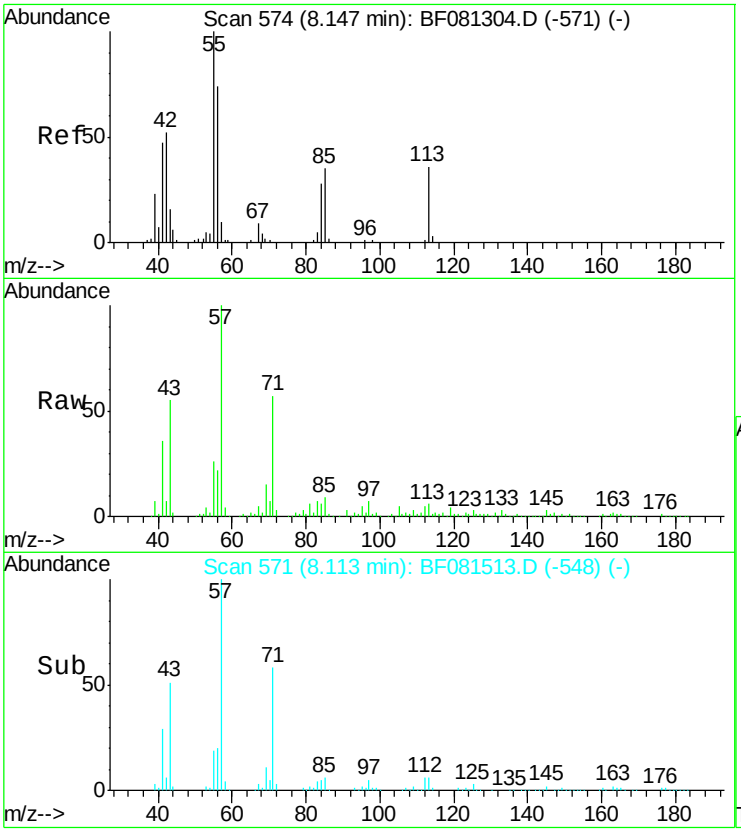


#32
Benzoic acid
Concen: 3.75 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.07 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:122 Resp: 2690

Ion	Ratio	Lower	Upper
122	100		
105	448.5	76.1	116.1#
77	369.2	40.5	80.5#



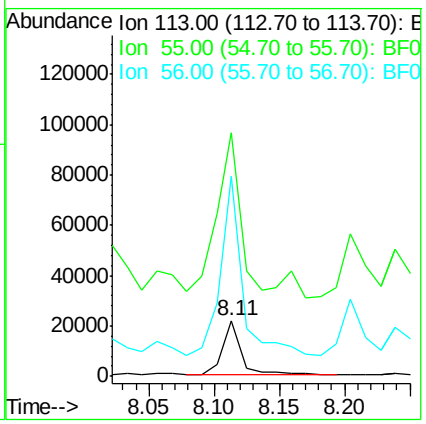


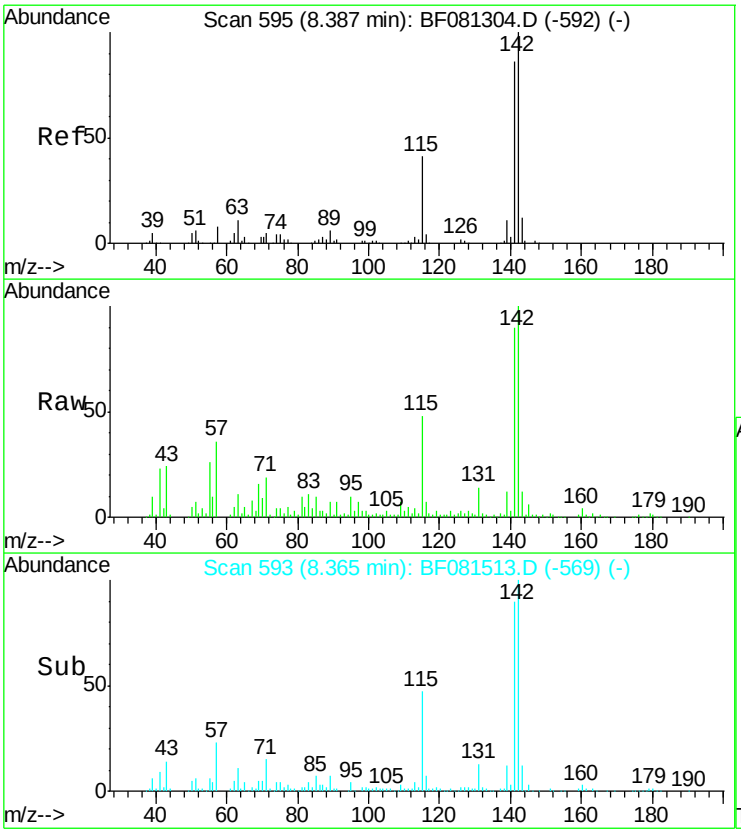
#35
Caprolactam
Concen: 28.54 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:113 Resp: 22374

Ion	Ratio	Lower	Upper
113	100		
55	434.7	152.4	192.4#
56	357.4	104.6	144.6#

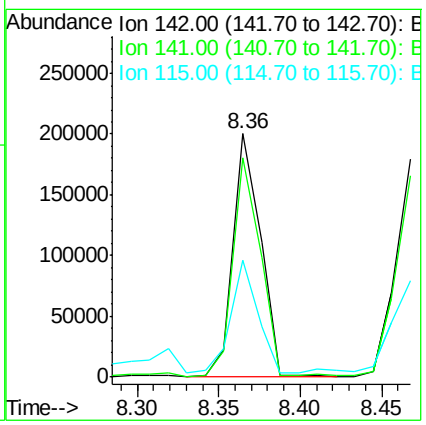


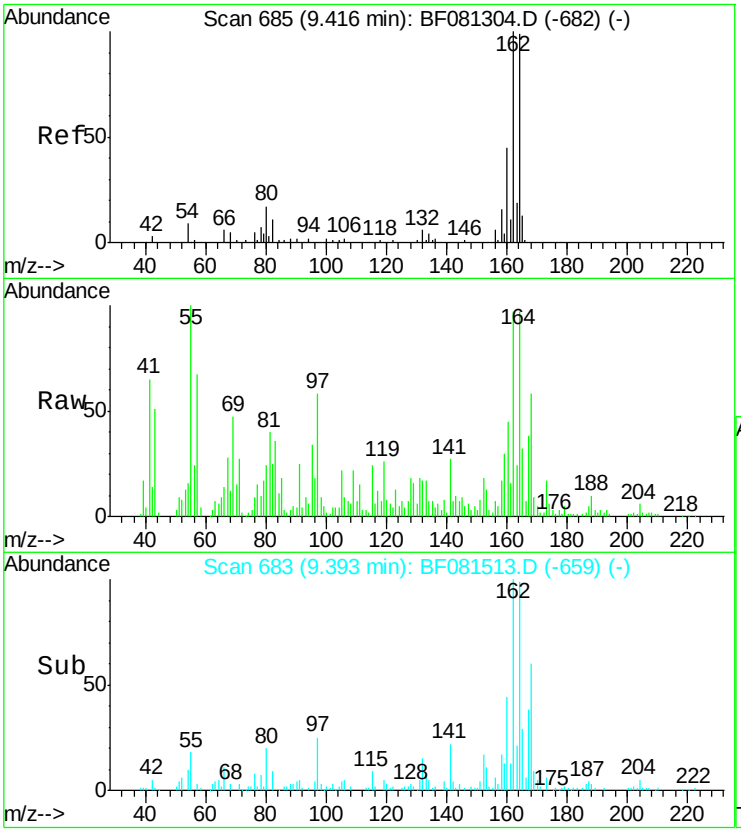


#37
2-Methylnaphthalene
Concen: 36.90 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:142 Resp: 232939

Ion	Ratio	Lower	Upper
142	100		
141	90.0	67.5	101.3
115	47.8	18.2	27.2#



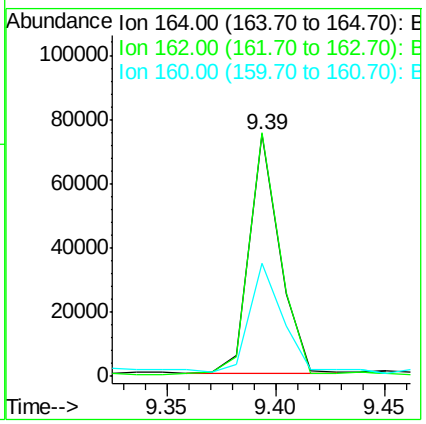


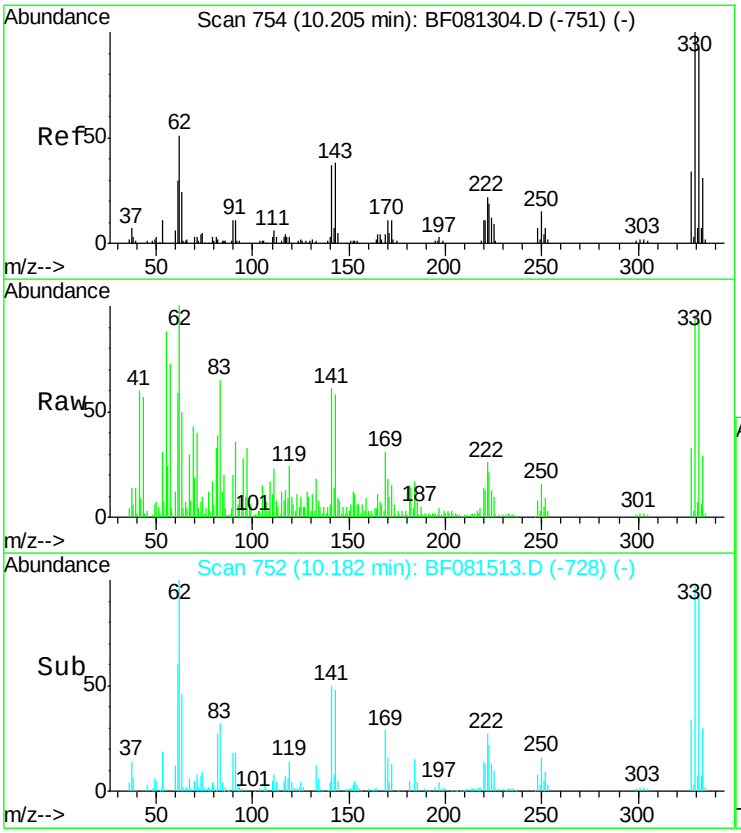
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:164 Resp: 72755

Ion	Ratio	Lower	Upper
164	100		
162	100.5	75.2	112.8
160	46.5	31.5	47.3

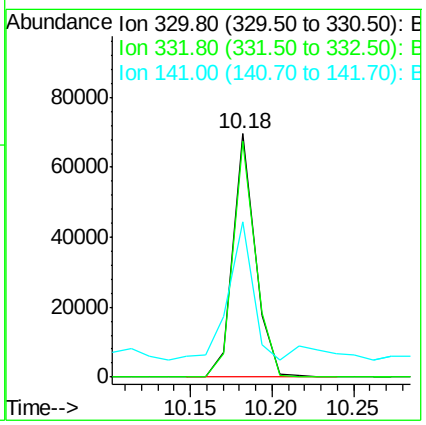


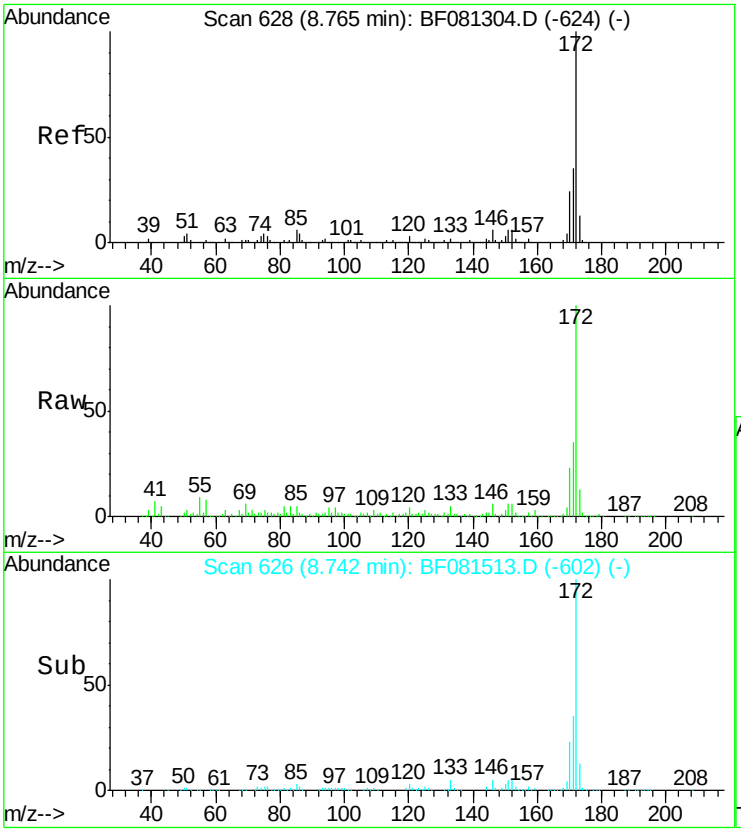


#41
2,4,6-Tribromophenol
Concen: 101.04 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:330 Resp: 65452

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	61.6	29.7	44.5#



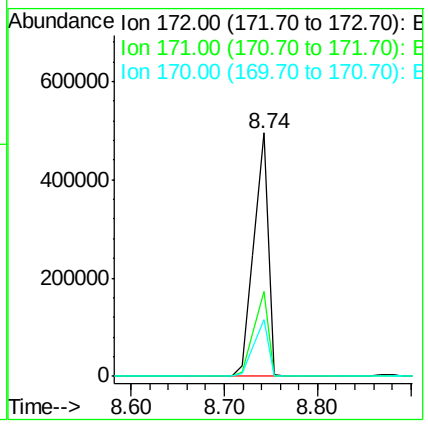


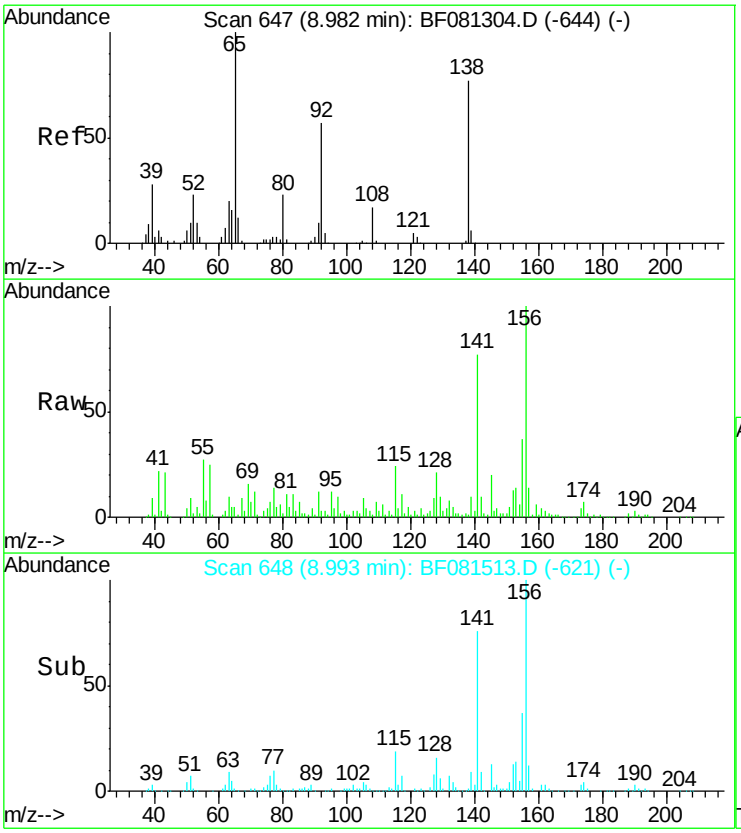
#44
2-Fluorobiphenyl
Concen: 93.39 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:172 Resp: 530202

Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.1	39.1
170	23.4	17.4	26.2

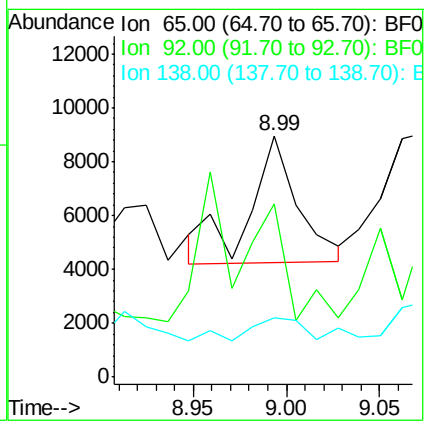


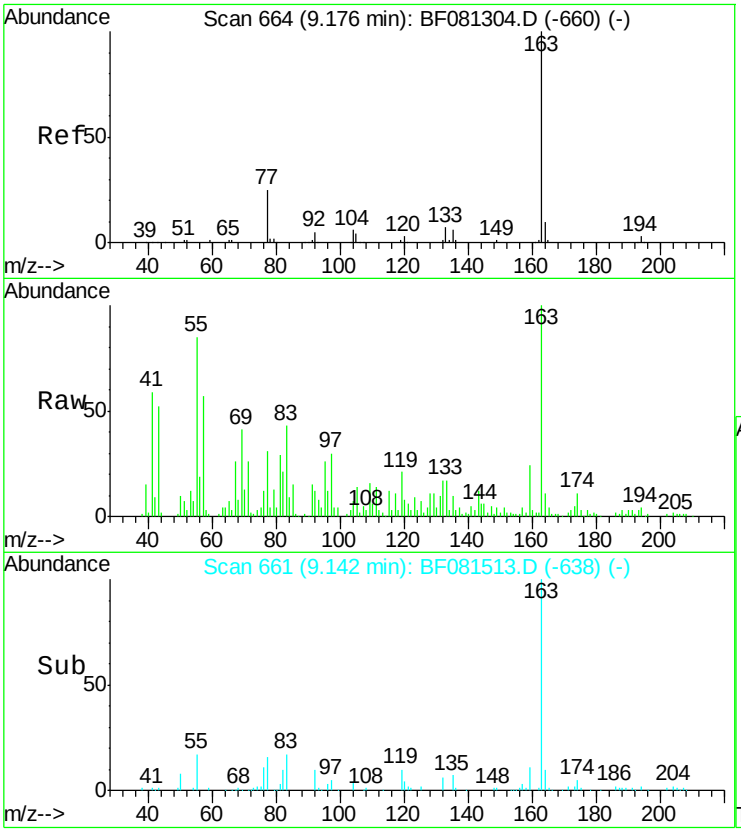


#47
2-Nitroaniline
Concen: 4.36 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion: 65 Resp: 8580

Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.4	83.0
138	24.3	115.5	173.3#



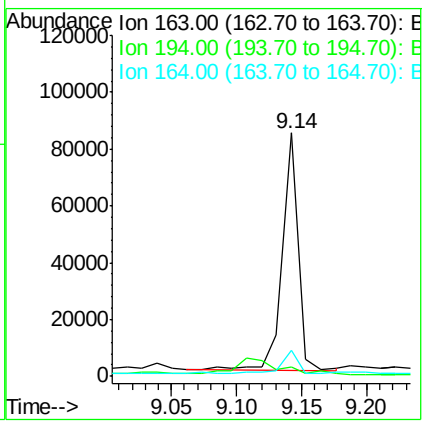


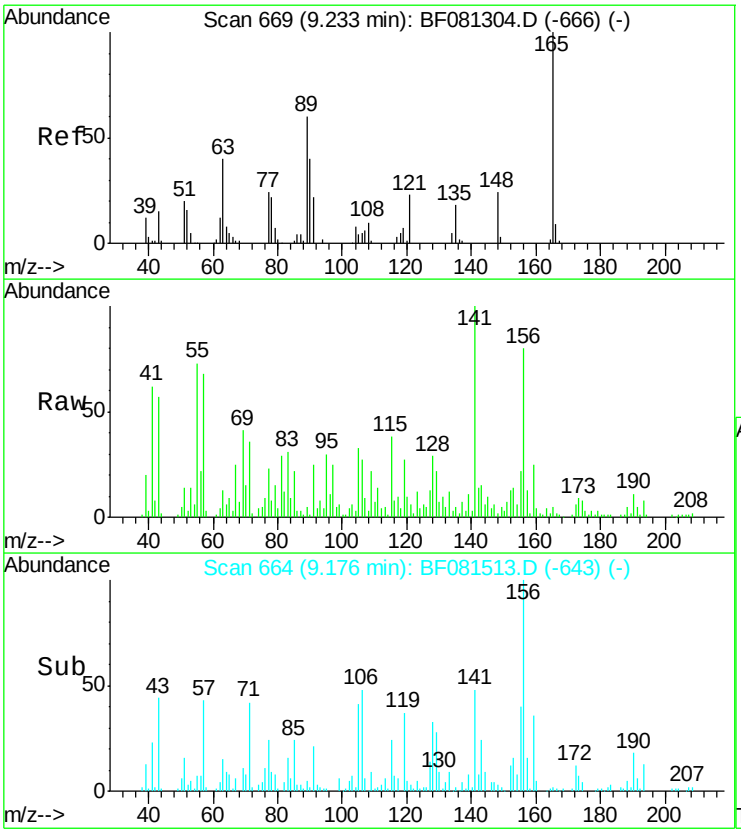
#49
Dimethylphthalate
Concen: 12.81 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:163 Resp: 72412

Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	10.9	8.3	12.5

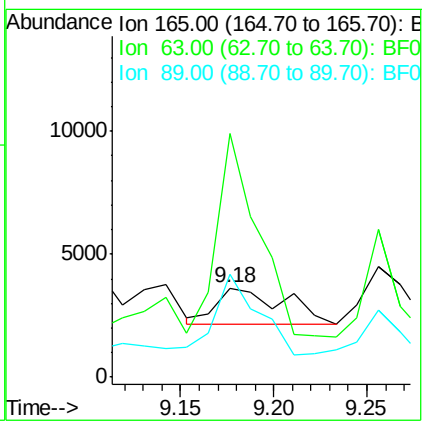


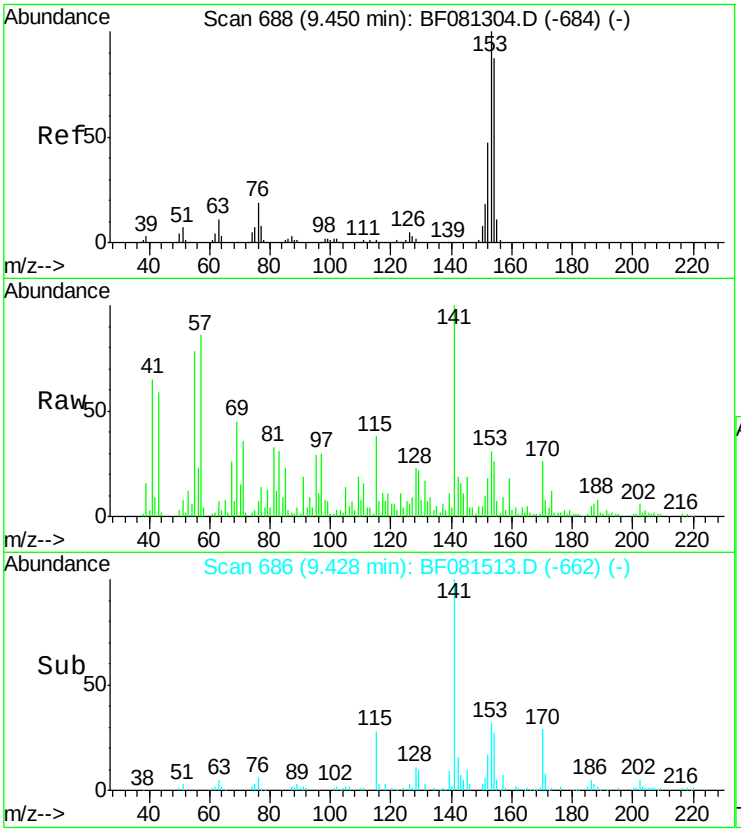


#50
2,6-Dinitrotoluene
Concen: 2.81 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:165 Resp: 3609

Ion	Ratio	Lower	Upper
165	100		
63	273.0	32.3	48.5#
89	114.6	28.6	43.0#



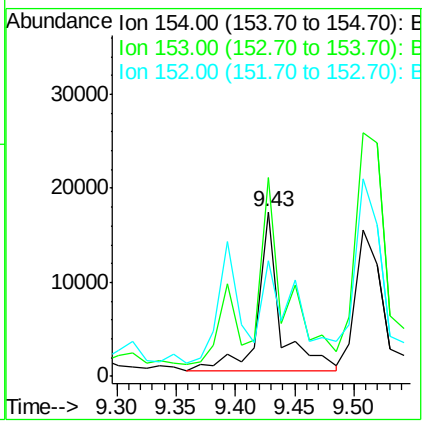


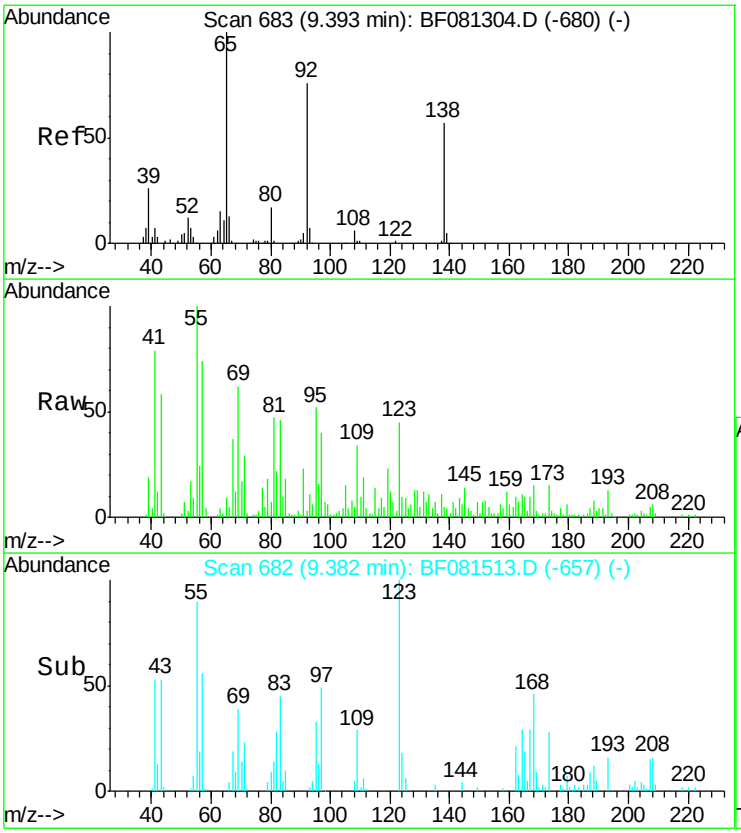
#51
Acenaphthene
Concen: 4.61 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:154 Resp: 22489

Ion	Ratio	Lower	Upper
154	100		
153	120.6	82.1	123.1
152	70.2	37.9	56.9#

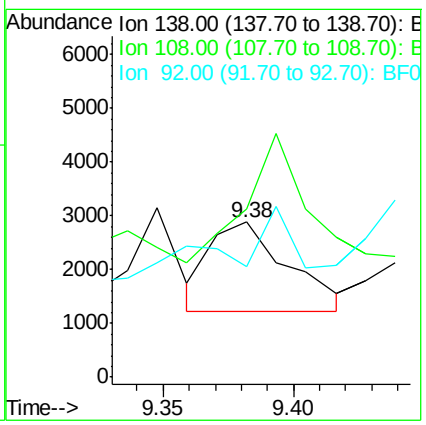


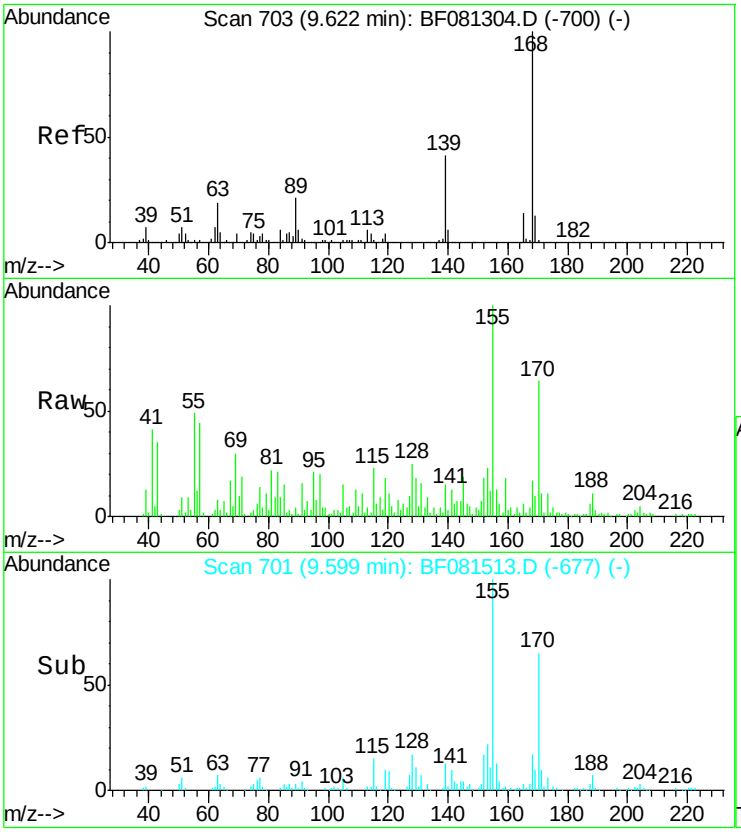


#52
3-Nitroaniline
Concen: 2.37 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:138 Resp: 3463

Ion	Ratio	Lower	Upper
138	100		
108	108.2	5.7	8.5#
92	71.7	67.7	101.5



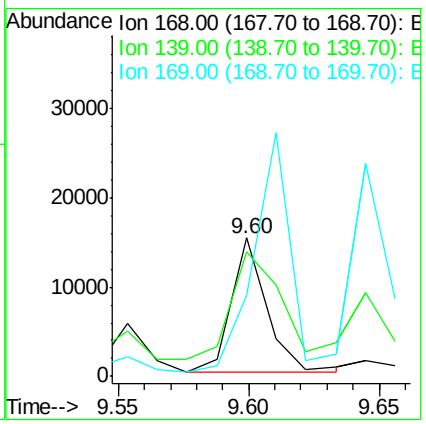


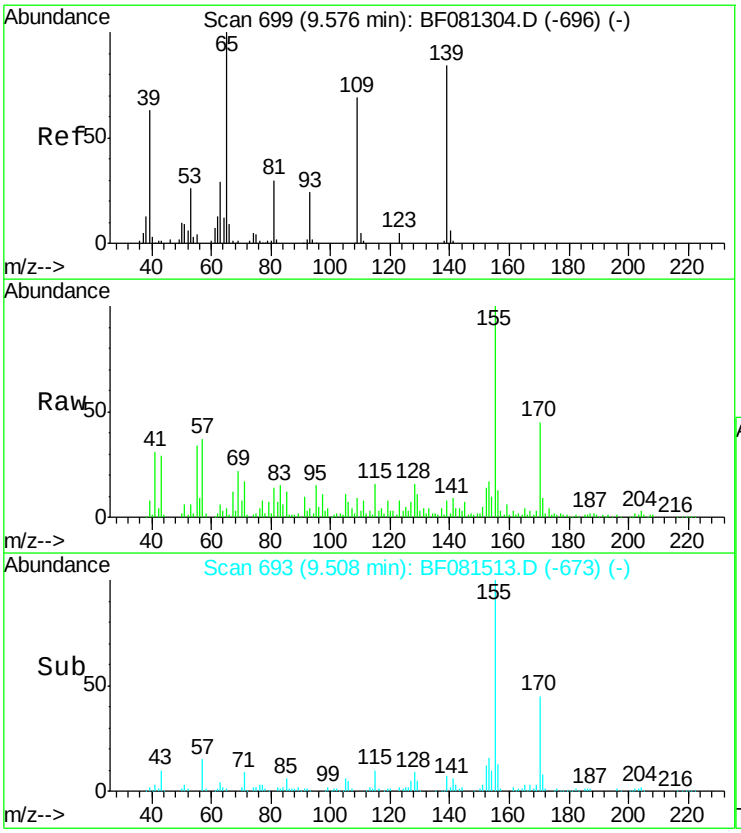
#54
Dibenzofuran
Concen: 2.01 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:168 Resp: 14315

Ion	Ratio	Lower	Upper
168	100		
139	89.8	24.2	36.2#
169	58.7	10.6	15.8#

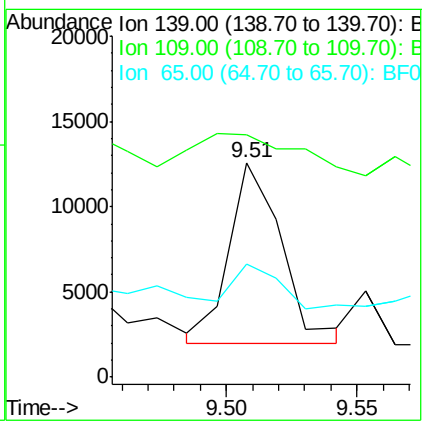


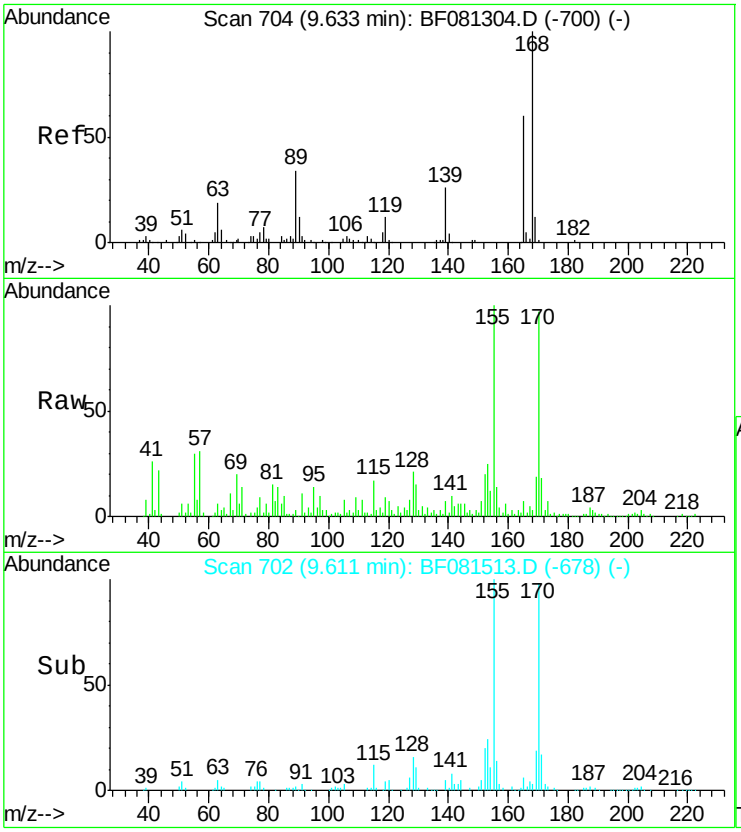


#55
4-Nitrophenol
Concen: 16.44 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.07 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:139 Resp: 15083

Ion	Ratio	Lower	Upper
139	100		
109	112.9	12.7	52.7#
65	52.5	45.9	85.9



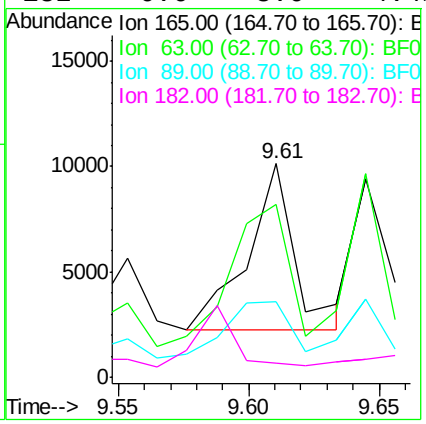


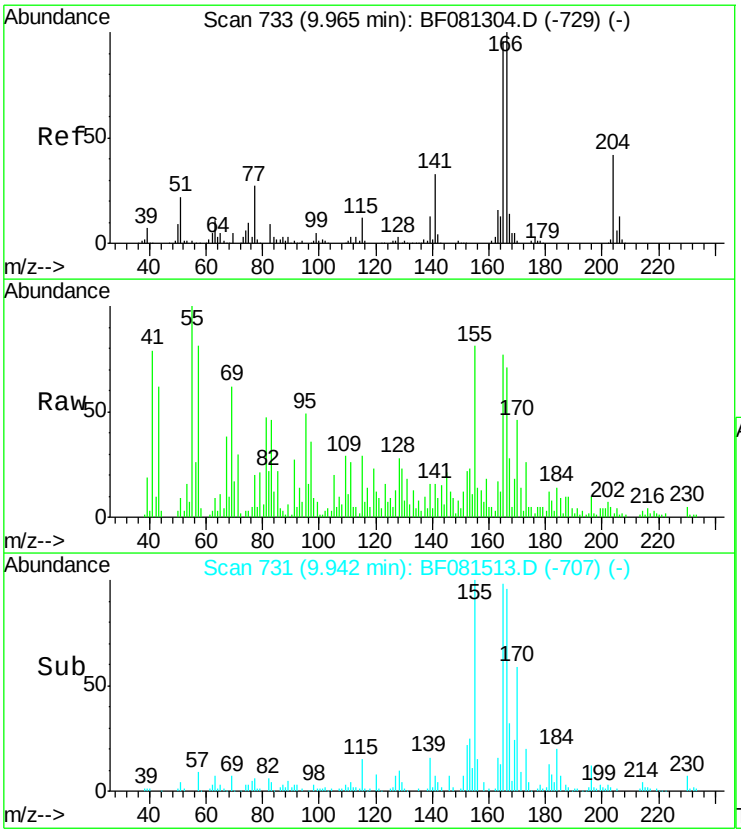
#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:165 Resp: 10171

Ion	Ratio	Lower	Upper
165	100		
63	80.7	29.8	44.6#
89	35.5	44.5	66.7#
182	6.6	3.0	4.4#

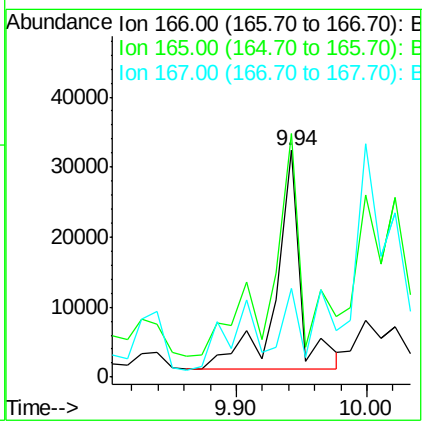


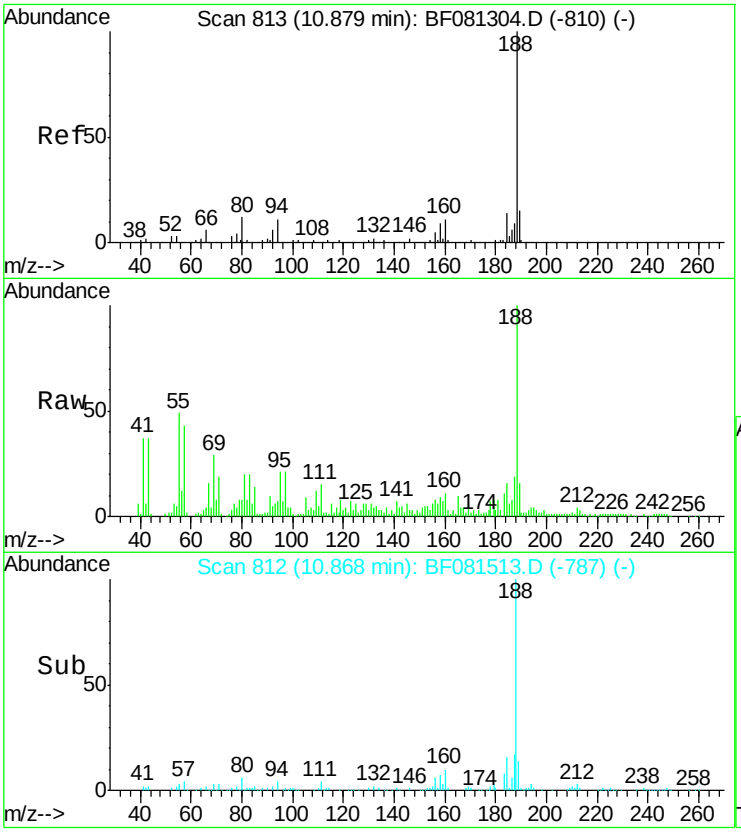


#57
Fluorene
Concen: 7.68 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:166 Resp: 41529

Ion	Ratio	Lower	Upper
166	100		
165	107.5	72.6	109.0
167	39.2	10.6	16.0#



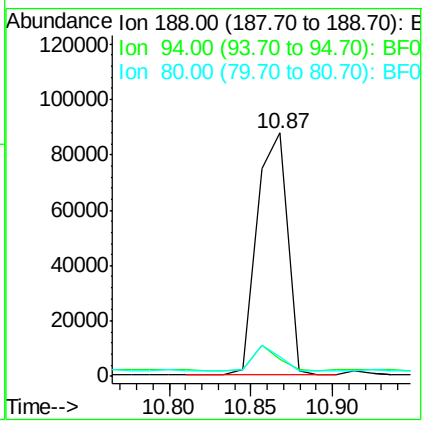


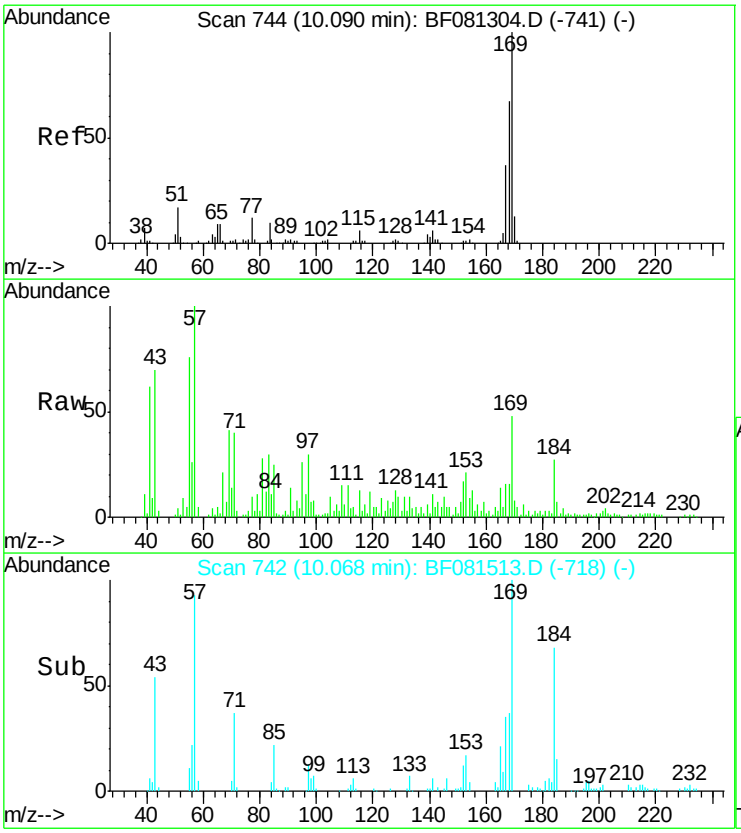
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:188 Resp: 113950

Ion	Ratio	Lower	Upper
188	100		
94	7.0	11.1	16.7#
80	8.1	11.0	16.4#

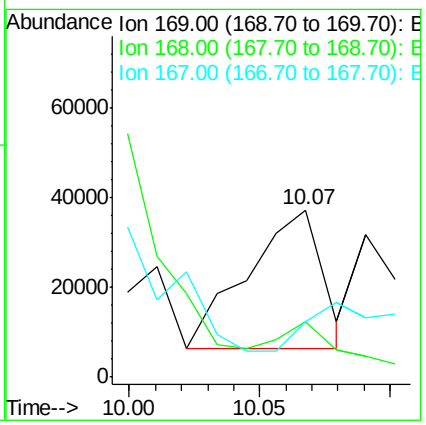


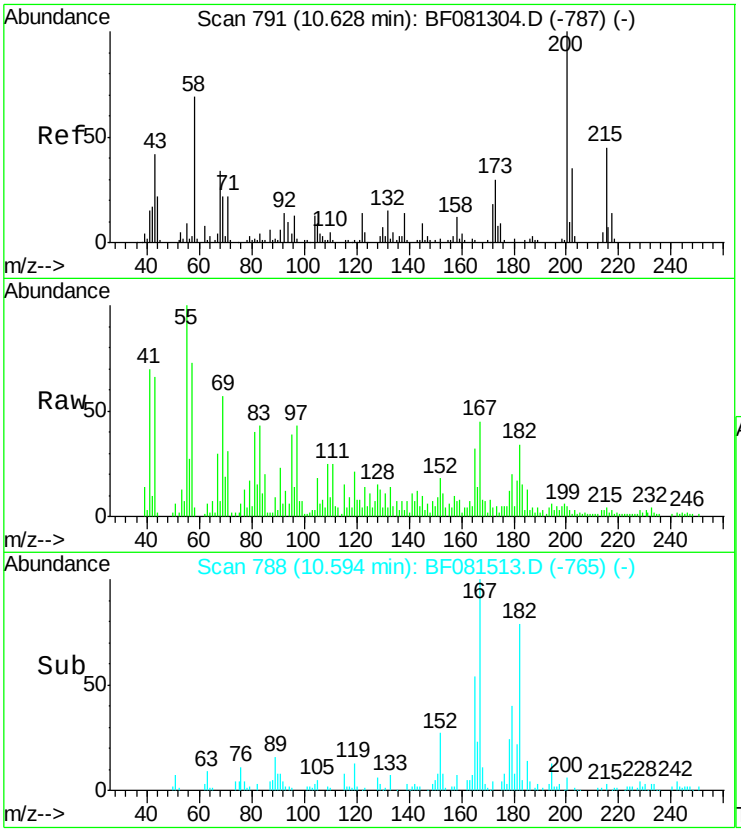


#65
n-Nitrosodiphenylamine
Concen: 14.87 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:169 Resp: 61656

Ion	Ratio	Lower	Upper
169	100		
168	32.9	48.9	73.3#
167	33.2	26.2	39.4



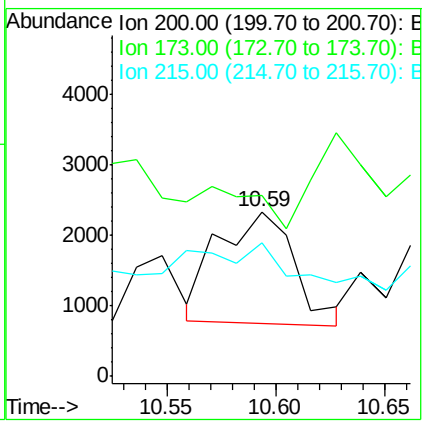


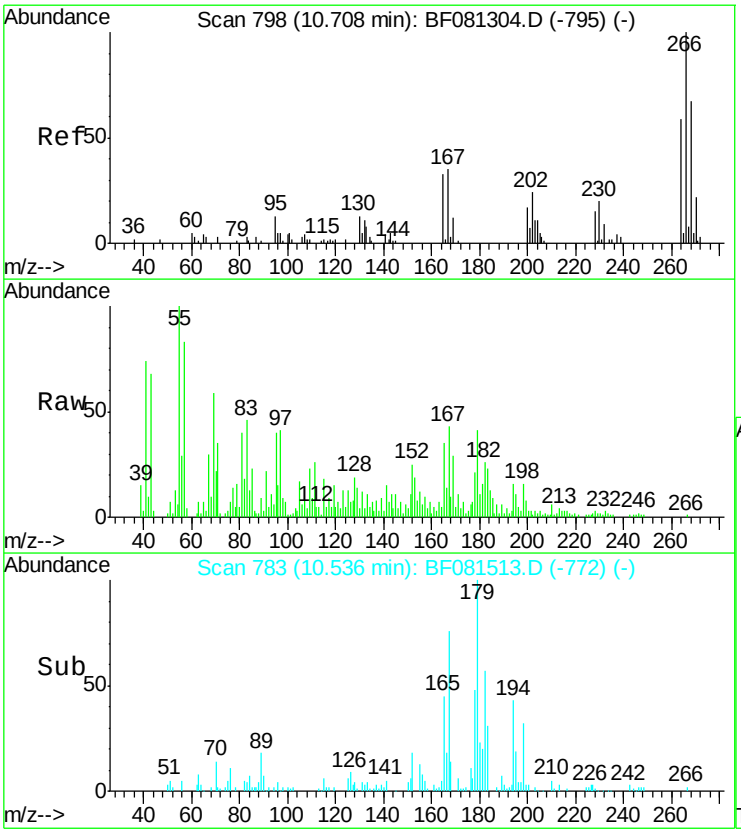
#68
Atrazine
Concen: 3.23 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:200 Resp: 3876

Ion	Ratio	Lower	Upper
200	100		
173	109.9	13.2	53.2#
215	80.8	41.8	81.8

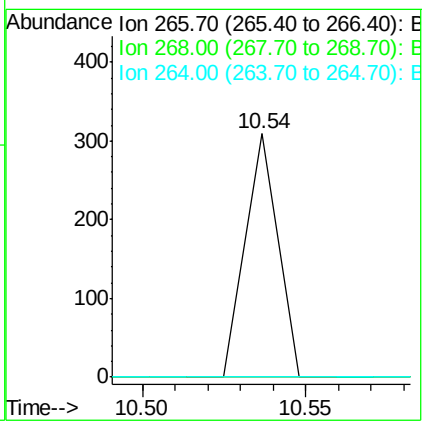


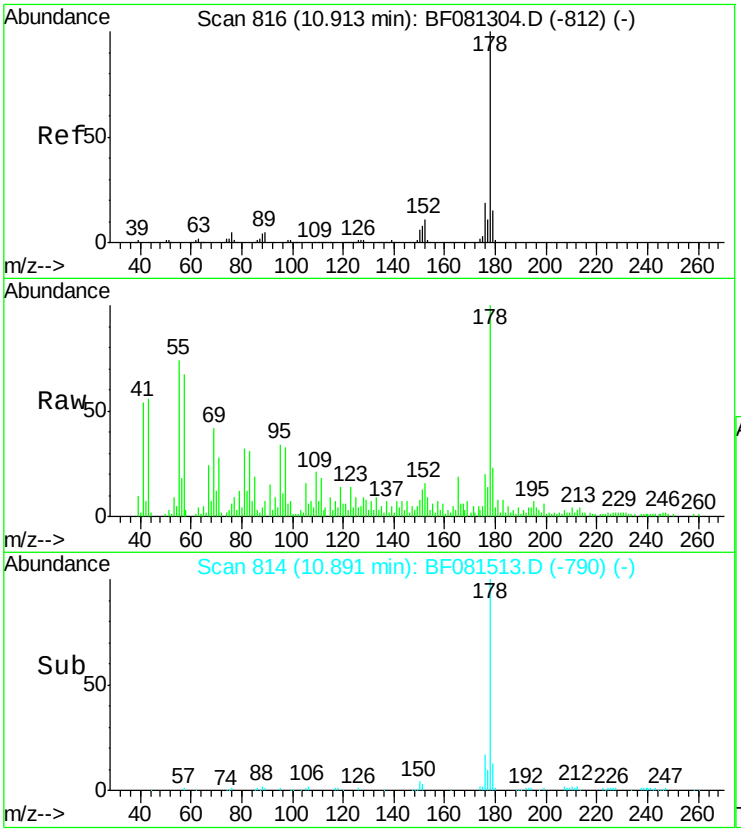


#69
Pentachlorophenol
Concen: 9.07 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.17 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:266 Resp: 212

Ion	Ratio	Lower	Upper
266	100		
268	0.0	49.8	74.6#
264	0.0	50.2	75.2#



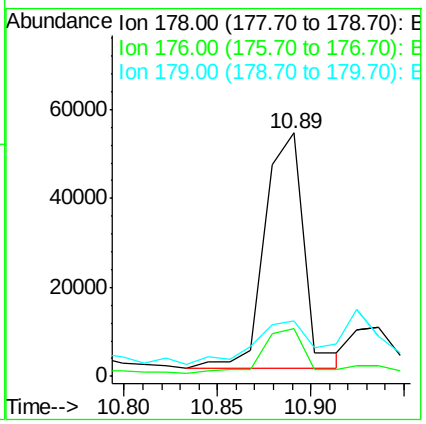


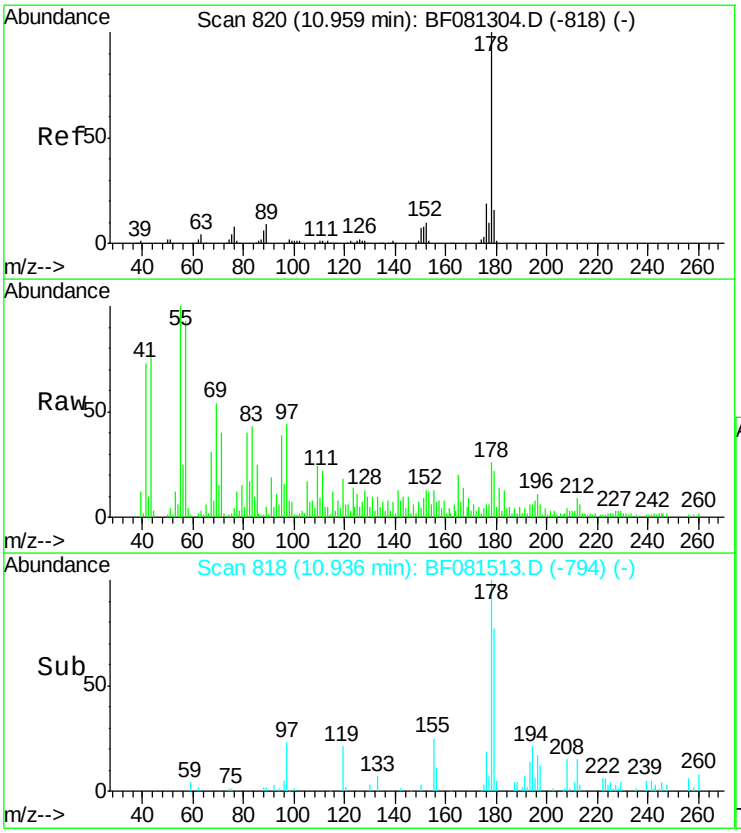
#70
Phenanthrene
Concen: 12.14 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:178 Resp: 76881

Ion	Ratio	Lower	Upper
178	100		
176	19.6	13.8	20.8
179	23.0	12.2	18.2#

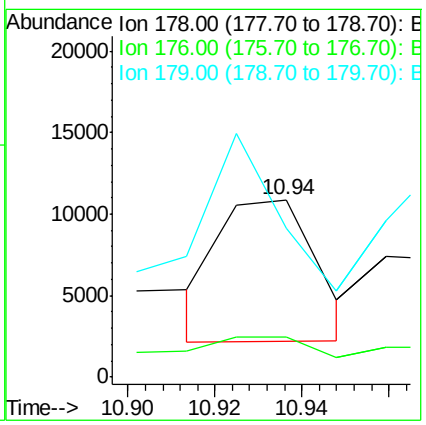


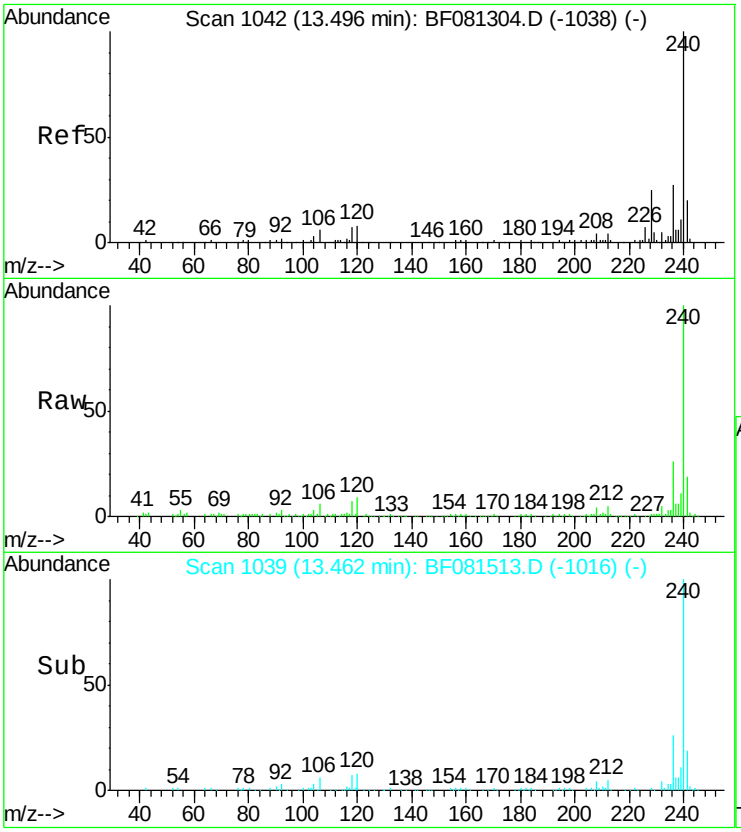


#71
Anthracene
Concen: 2.06 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:178 Resp: 13425

Ion	Ratio	Lower	Upper
178	100		
176	22.9	14.1	21.1#
179	83.8	12.2	18.2#



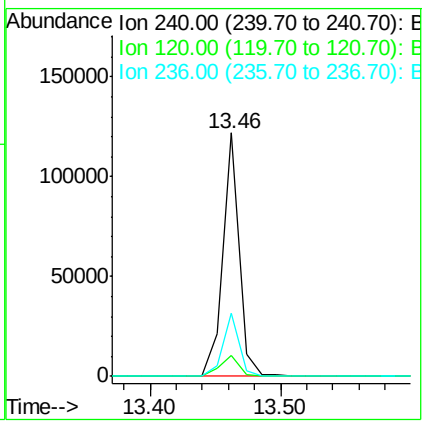


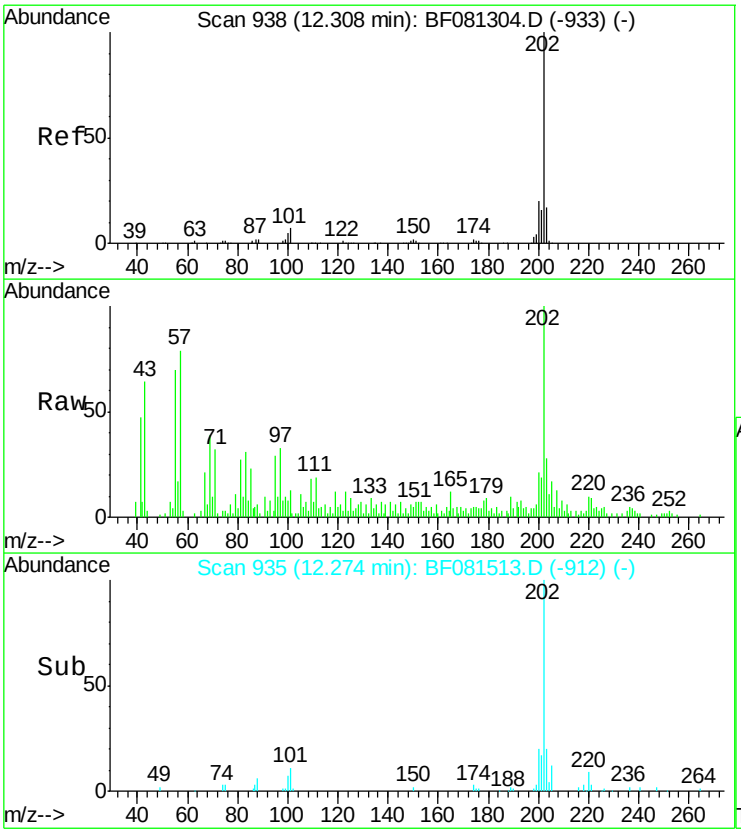
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:240 Resp: 107813

Ion	Ratio	Lower	Upper
240	100		
120	8.6	16.2	24.2#
236	26.0	18.4	27.6

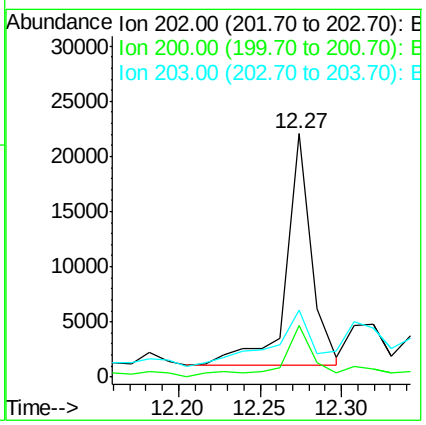


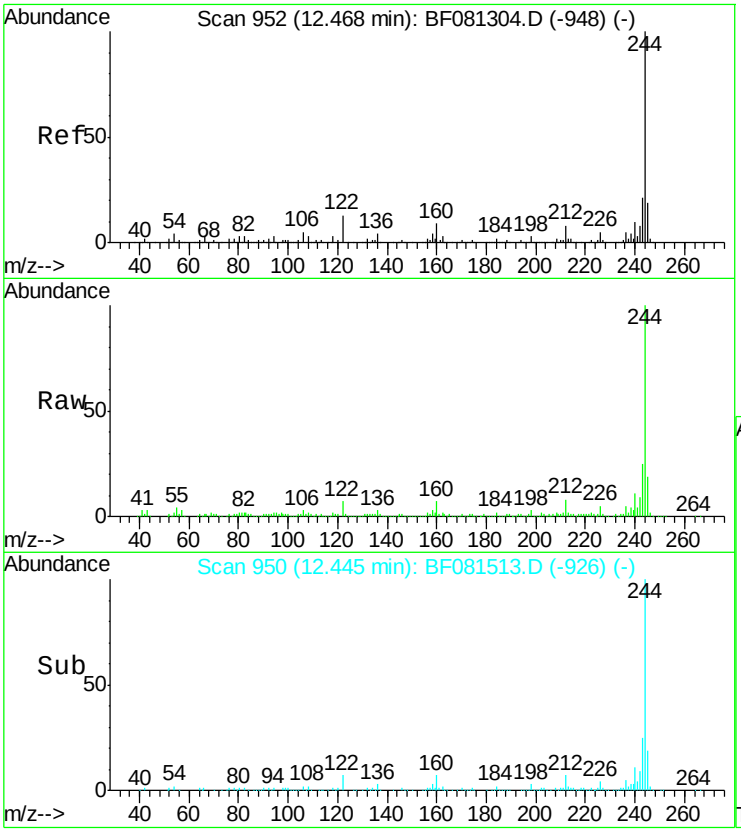


#77
Pyrene
Concen: 2.83 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:202 Resp: 22584

Ion	Ratio	Lower	Upper
202	100		
200	21.2	15.0	22.4
203	27.6	14.1	21.1#



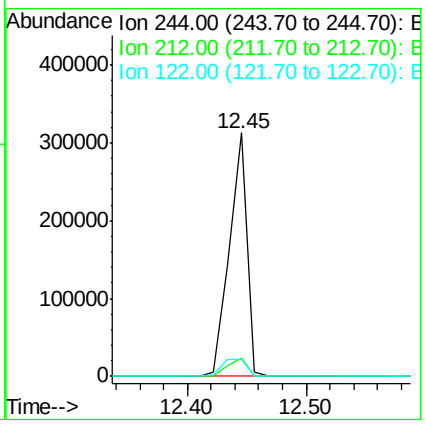


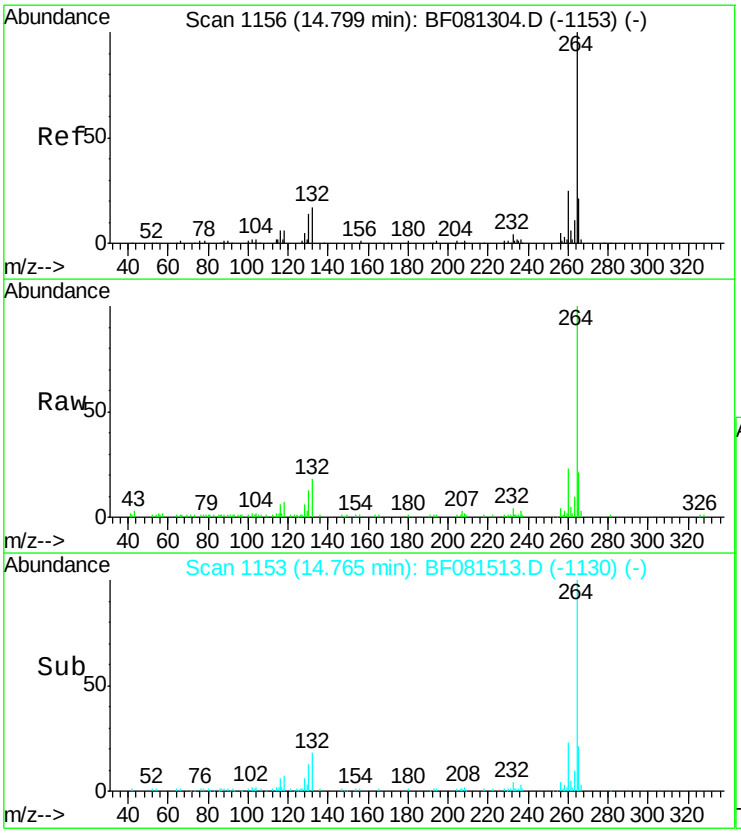
#78
Terphenyl-d14
Concen: 69.21 ng
RT: 12.45 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Instrument :
BNA_F
ClientSampleId :
HX2

Tgt Ion:244 Resp: 320541

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	6.9	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF081513.D
Acq: 6 Sep 2015 16:51

Tgt Ion:264 Resp: 80830

Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	20.9	17.2	25.8