Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081058.D
Acq On : 18 Aug 2015 23:33
Operator : UM/IZ
Sample : G3278-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 19 00:41:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	71473	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	273434	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	130966	20.00	ng		-0.02
63) Phenanthrene-d10	11.11	188	252553	20.00	ng		-0.02
75) Chrysene-d12	13.73	240	221954	20.00	ng		-0.02
86) Perylene-d12	15.07	264	170481	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	276707	58.23	ng		-0.01
7) Phenol-d6	6.25	99	233591	37.68	ng		-0.01
23) Nitrobenzene-d5	7.19	82	586284	97.95	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	178375	157.12	ng		-0.01
44) 2-Fluorobiphenyl	8.97	172	944222	94.47	ng		-0.02
78) Terphenyl-d14	12.70	244	835040	80.66	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	13956	3.49	ng		89
15) Benzyl Alcohol	6.76	79	13440	2.68	ng	#	53
18) Hexachloroethane	7.19	117	446780	199.81	ng	#	10
19) n-Nitroso-di-n-propylamine	7.18	70	79031	18.40	ng	#	72
24) Nitrobenzene	7.15	77	58765	9.39	ng	#	13
25) Isophorone	7.19	82	496012	44.44	ng	#	71
31) Naphthalene	7.90	128	47275	3.10	ng	#	1
37) 2-Methylnaphthalene	8.60	142	191174	19.86	ng		99
49) Dimethylphthalate	9.37	163	31831	2.95	ng		98
51) Acenaphthene	9.67	154	79479	8.01	ng		99
53) 2,4-Dinitrophenol	9.79	184	221	2.86	ng	#	1
54) Dibenzofuran	9.84	168	86109	6.47	ng	#	82
57) Fluorene	10.18	166	143391	14.02	ng		97
65) n-Nitrosodiphenylamine	10.30	169	19504	2.16	ng	#	87
66) 4-Bromophenyl-phenylether	10.42	248	12689	5.11	ng	#	1
70) Phenanthrene	11.13	178	142673	9.53	ng		99
71) Anthracene	11.13	178	142673	9.80	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081058.D
Acq On : 18 Aug 2015 23:33
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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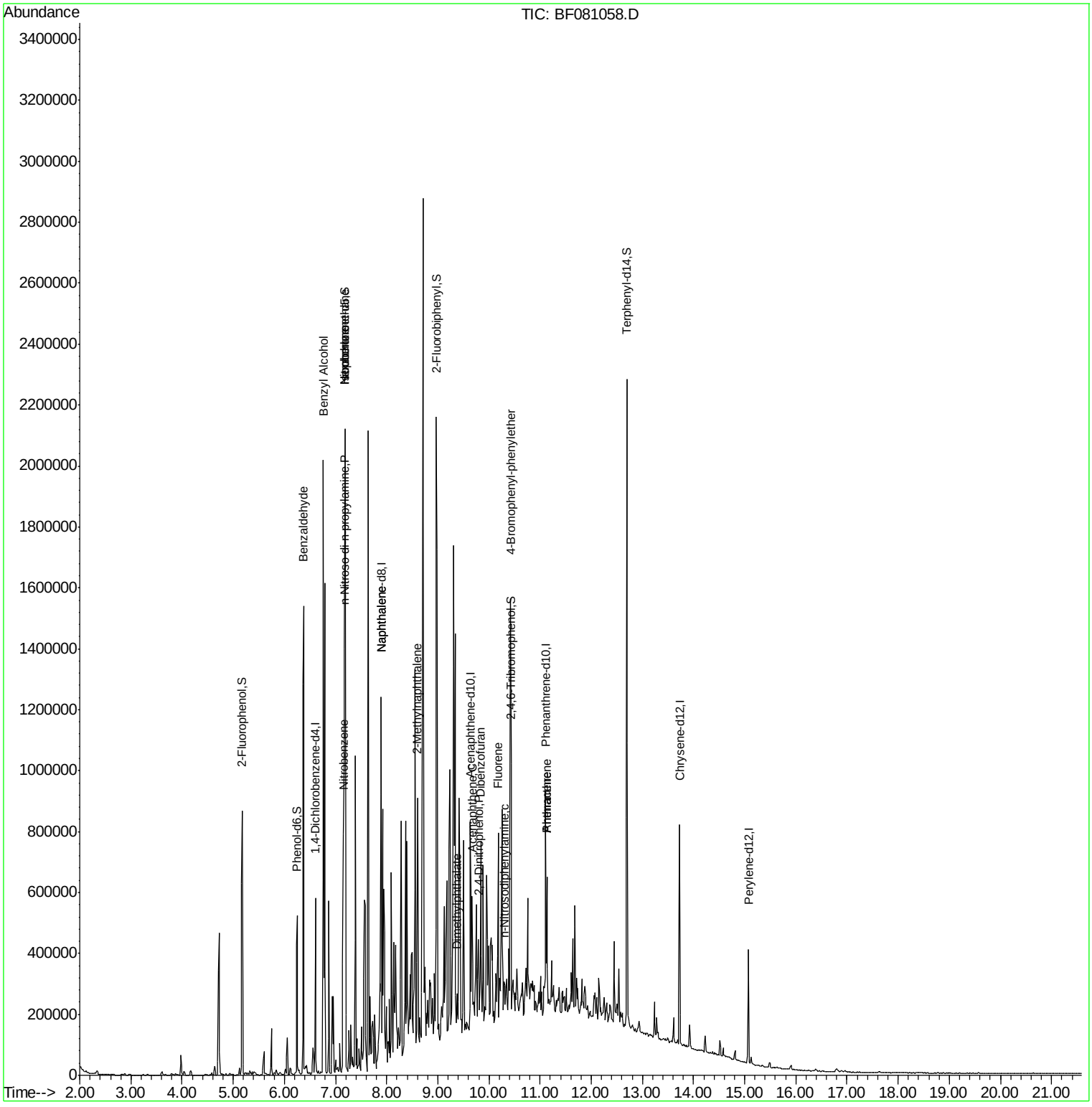
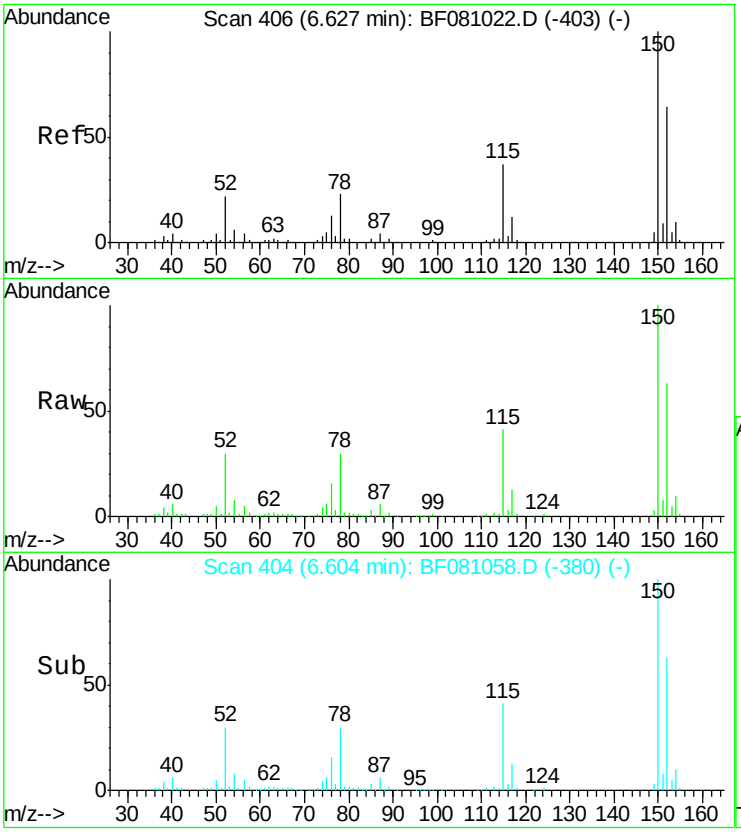


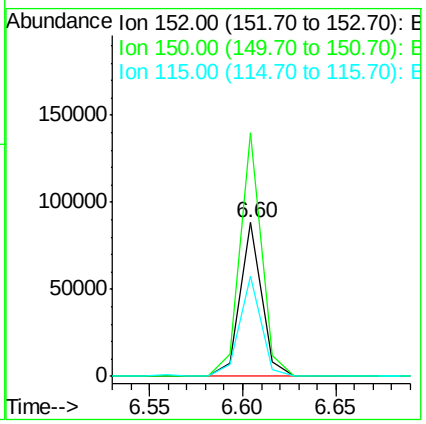


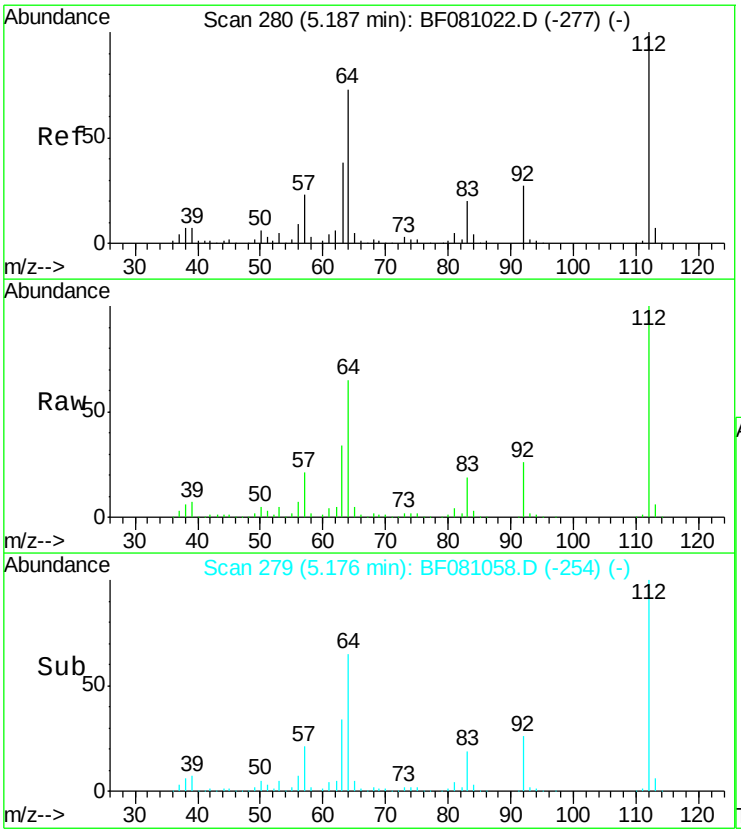
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 71473

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.8	185.6
115	65.4	52.1	78.1

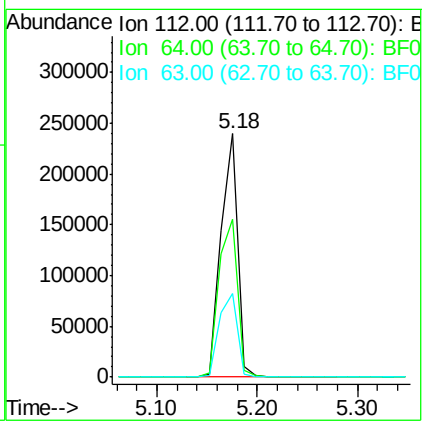


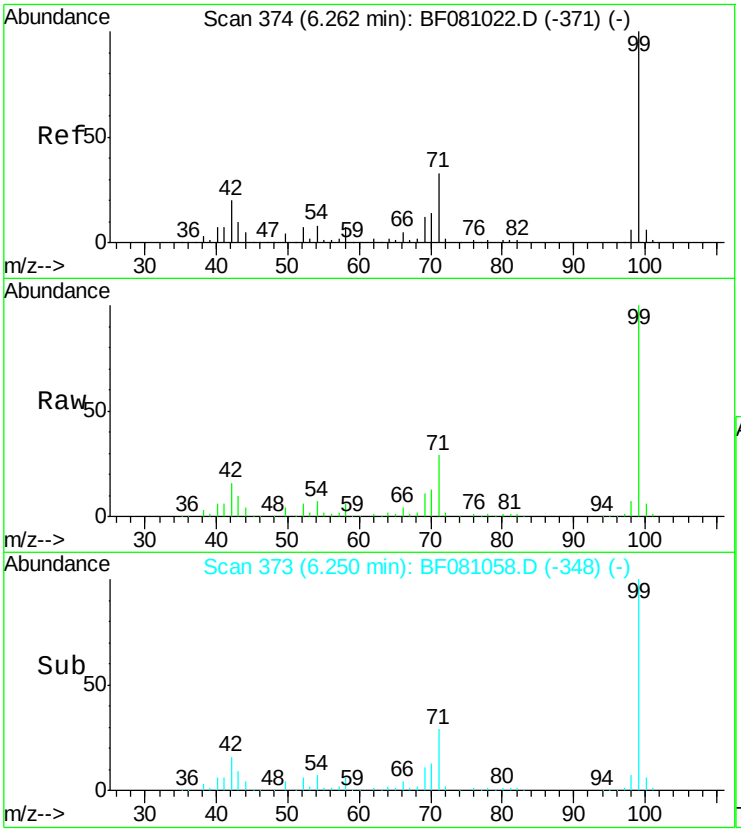


#5
2-Fluorophenol
Concen: 58.23 ng
RT: 5.18 min Scan# 279
Delta R.T. -0.01 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:112 Resp: 276707

Ion	Ratio	Lower	Upper
112	100		
64	64.6	66.9	100.3#
63	34.4	38.1	57.1#



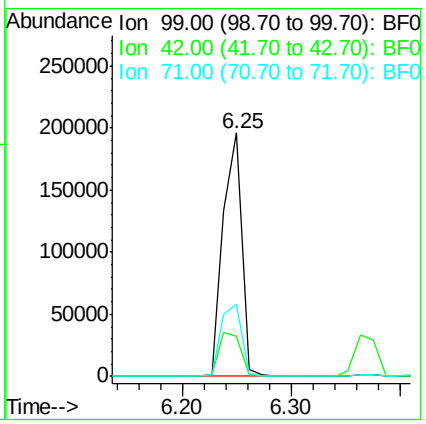


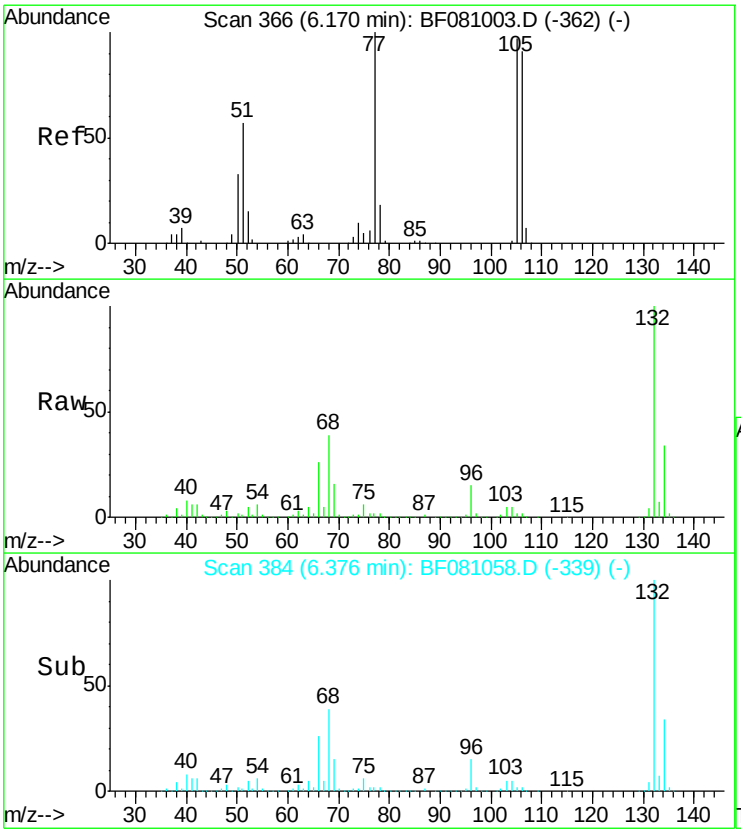
#7
Phenol-d6
Concen: 37.68 ng
RT: 6.25 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 233591

Ion	Ratio	Lower	Upper
99	100		
42	16.3	19.6	29.4#
71	29.4	31.2	46.8#

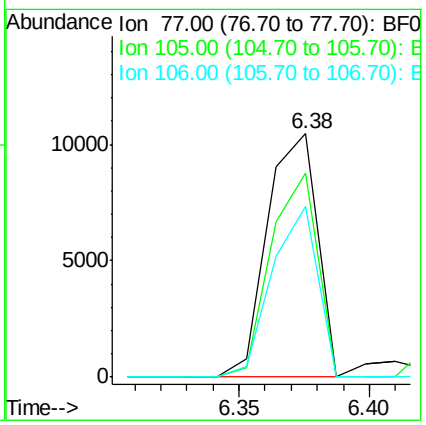


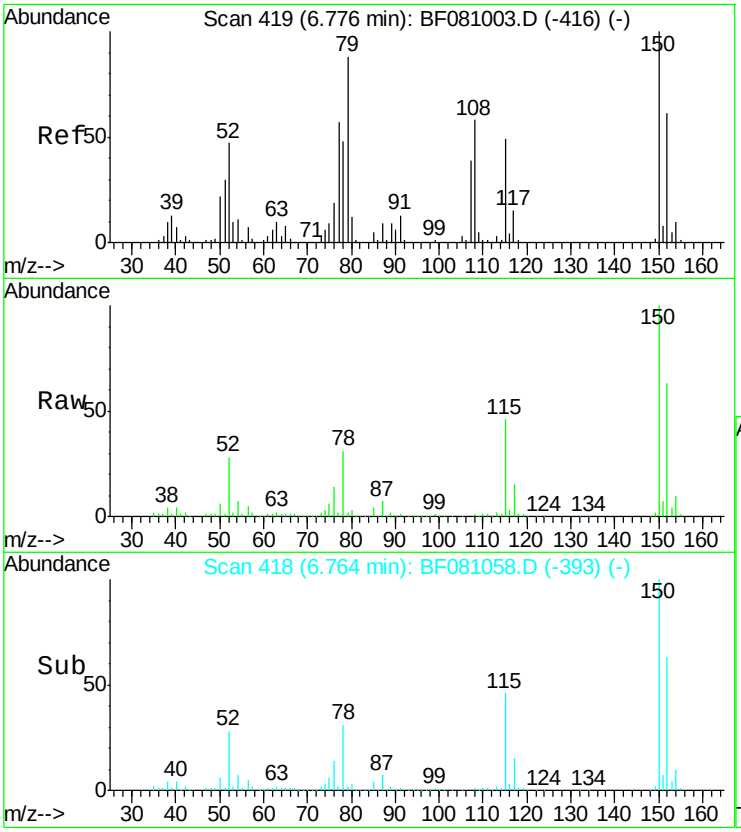


#9
Benzaldehyde
Concen: 3.49 ng
RT: 6.38 min Scan# 384
Delta R.T. 0.22 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion: 77 Resp: 13956

Ion	Ratio	Lower	Upper
77	100		
105	83.6	69.6	109.6
106	69.9	64.0	104.0



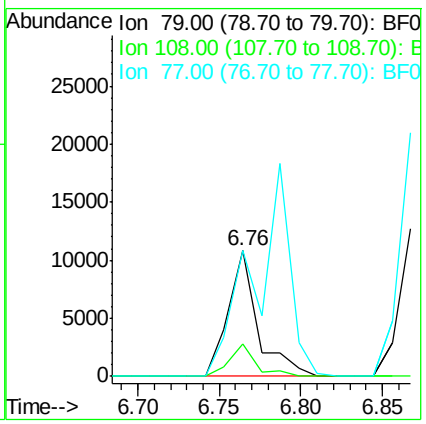


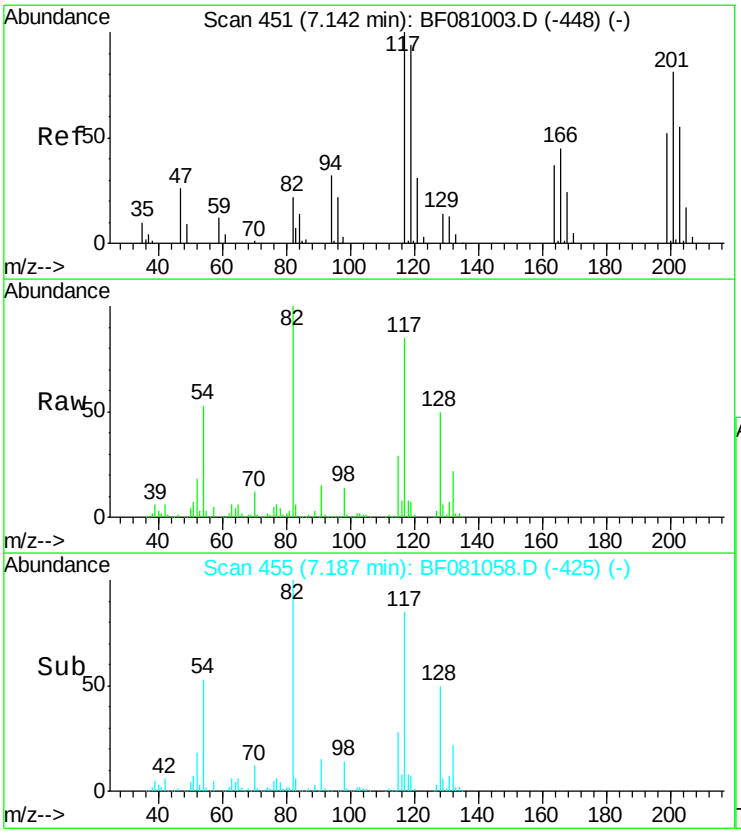
#15
Benzyl Alcohol
Concen: 2.68 ng
RT: 6.76 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 13440

Ion	Ratio	Lower	Upper
79	100		
108	25.6	49.4	74.2#
77	100.4	51.4	77.0#

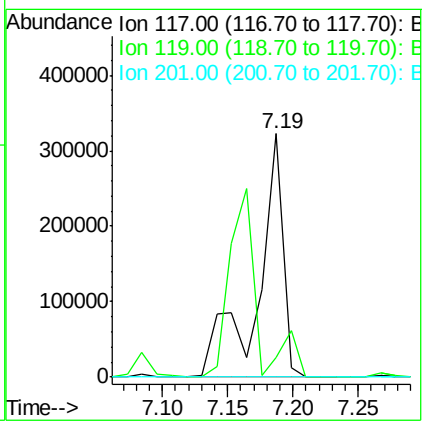


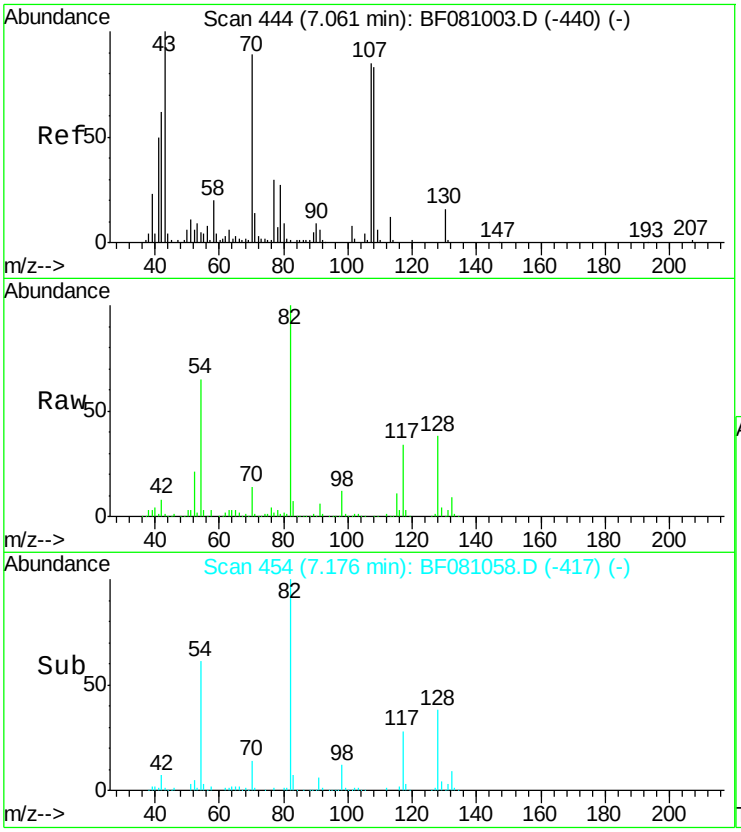


#18
Hexachloroethane
Concen: 199.81 ng
RT: 7.19 min Scan# 455
Delta R.T. 0.05 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:117 Resp: 446780

Ion	Ratio	Lower	Upper
117	100		
119	8.1	77.9	116.9#
201	0.0	61.3	91.9#



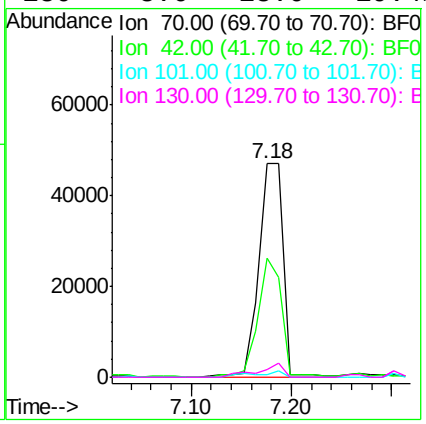


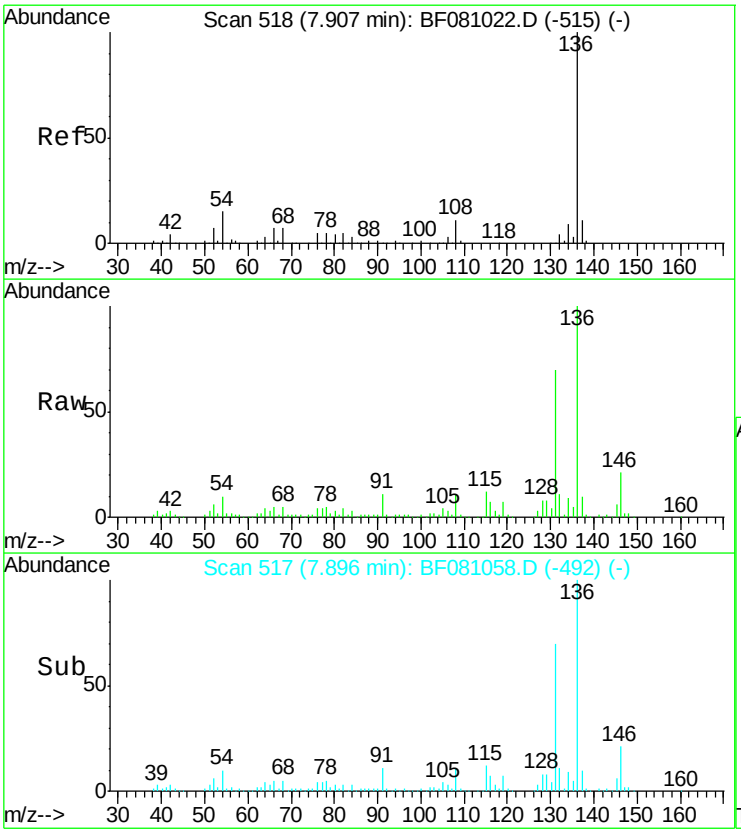
#19
n-Nitroso-di-n-propylamine
Concen: 18.40 ng
RT: 7.18 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 79031

Ion	Ratio	Lower	Upper
70	100		
42	55.9	65.0	97.4#
101	1.3	7.4	11.2#
130	3.6	13.0	19.4#

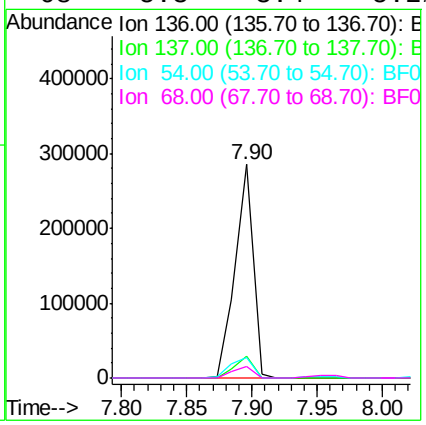


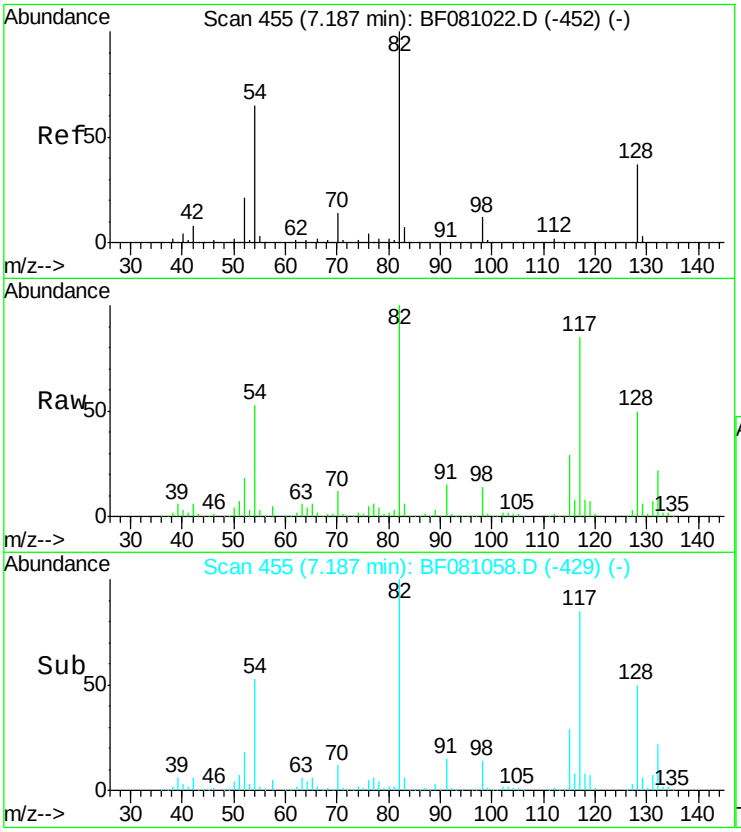


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:136 Resp: 273434

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	9.8	7.7	11.5
68	5.3	3.4	5.2#



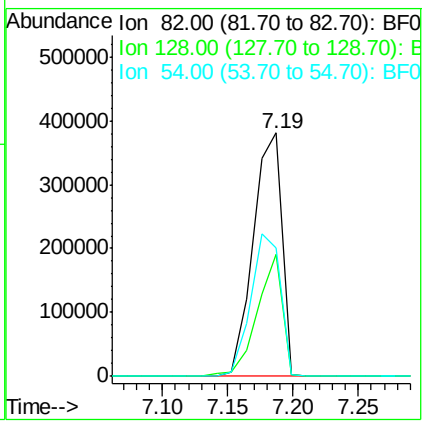


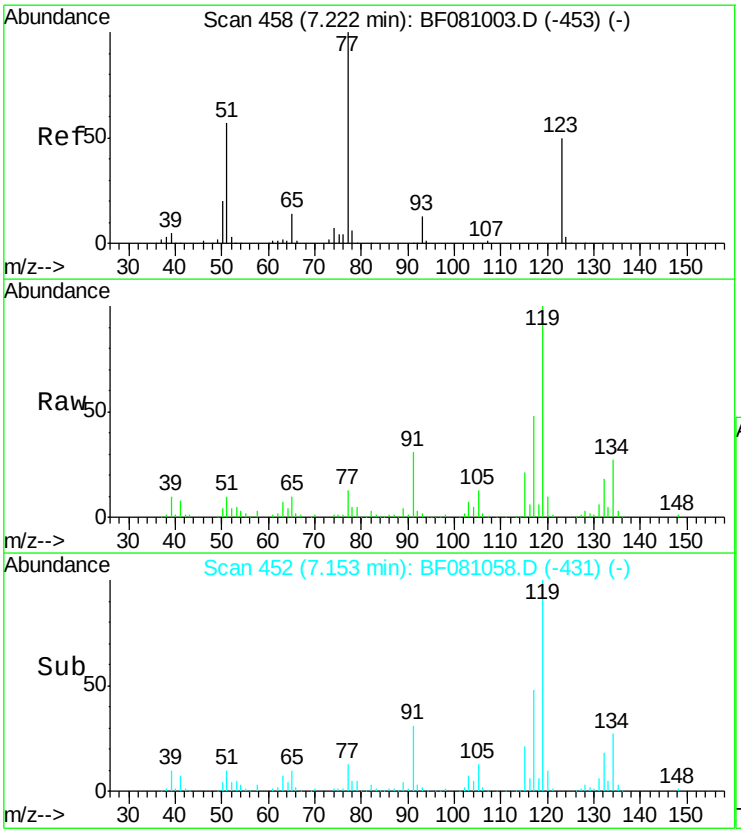
#23
Nitrobenzene-d5
Concen: 97.95 ng
RT: 7.19 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 586284

Ion	Ratio	Lower	Upper
82	100		
128	50.2	28.6	42.8#
54	52.9	55.1	82.7#

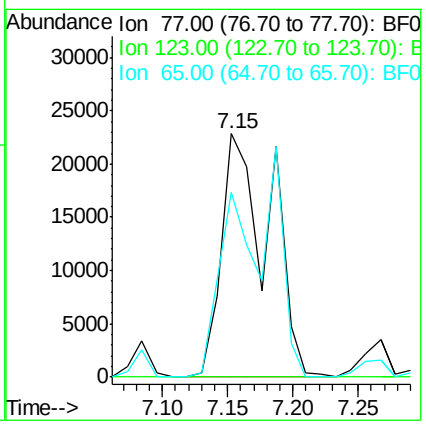


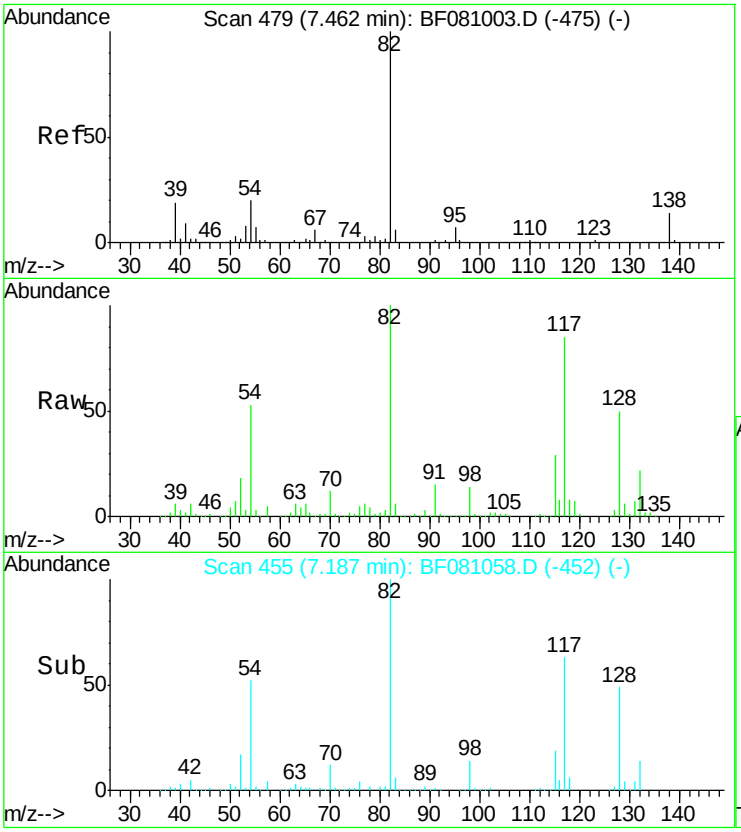


#24
Nitrobenzene
Concen: 9.39 ng
RT: 7.15 min Scan# 452
Delta R.T. -0.06 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion: 77 Resp: 58765

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.9	49.3#
65	75.8	12.5	18.7#



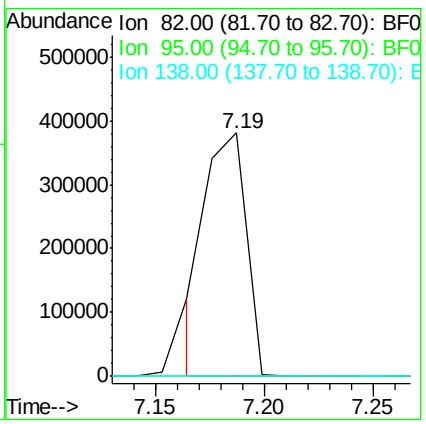


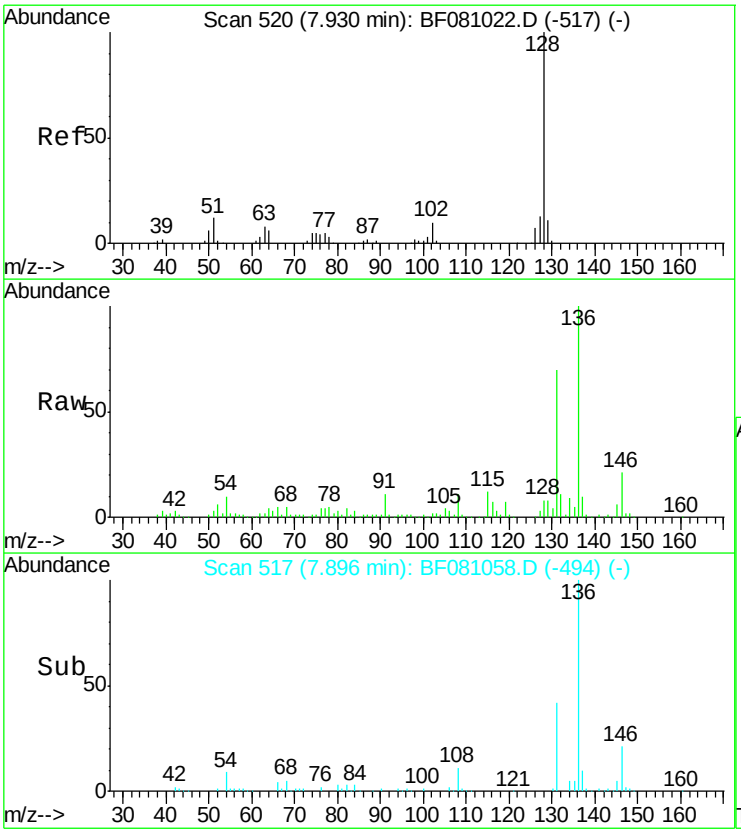
#25
Isophorone
Concen: 44.44 ng
RT: 7.19 min Scan# 455
Delta R.T. -0.26 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 496012

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.2	9.2#
138	0.0	10.5	15.7#

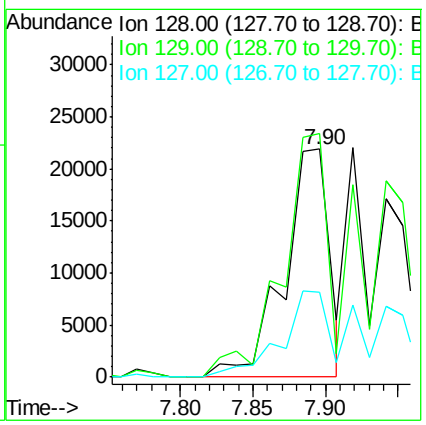


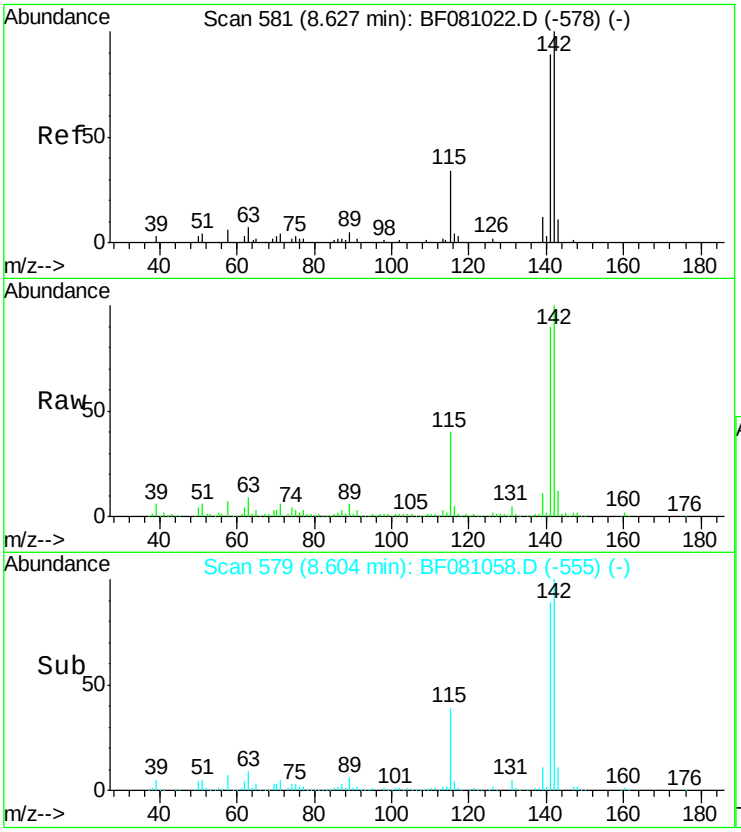


#31
Naphthalene
Concen: 3.10 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:128 Resp: 47275

Ion	Ratio	Lower	Upper
128	100		
129	106.8	8.4	12.6#
127	37.4	10.6	16.0#



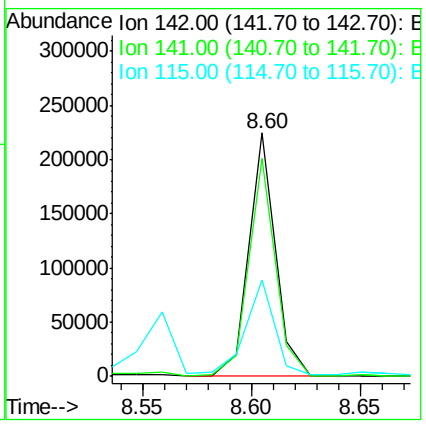


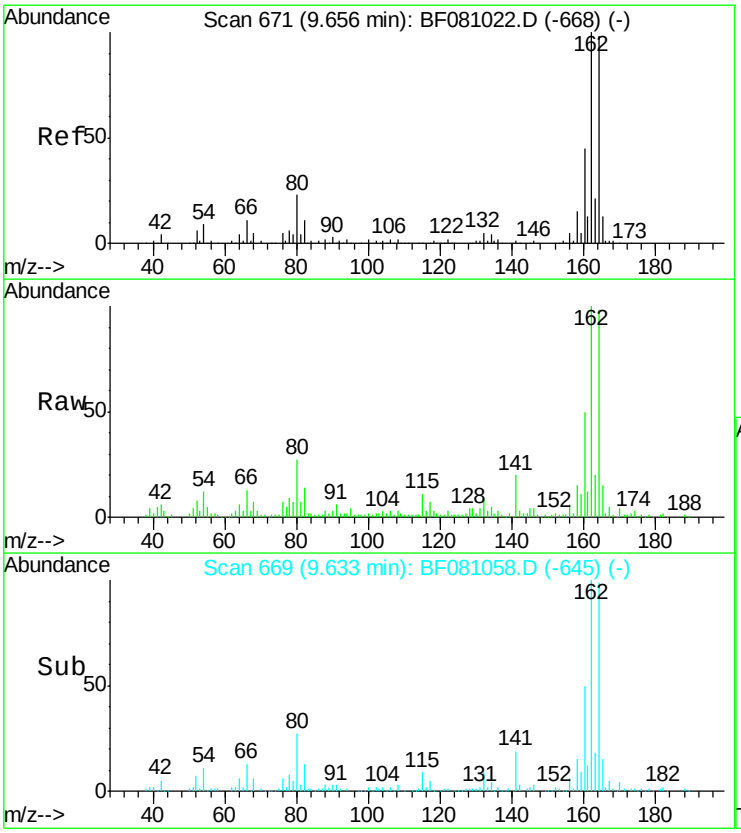
#37
2-Methylnaphthalene
Concen: 19.86 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 191174

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	39.7	33.4	50.0

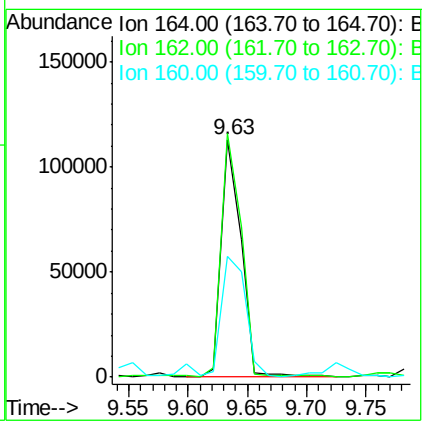


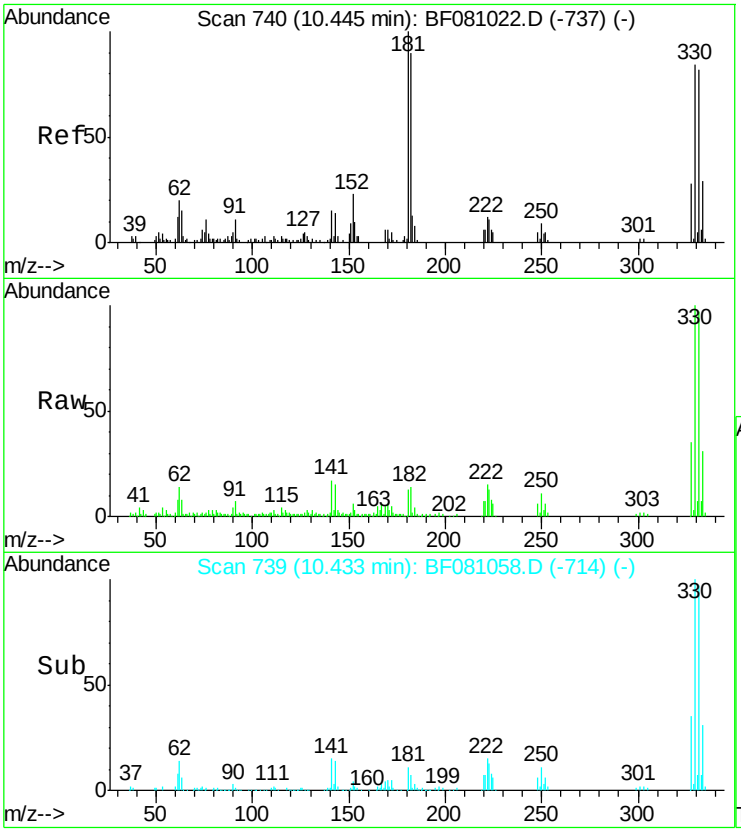


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:164 Resp: 130966

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.8	125.8
160	50.7	39.8	59.8



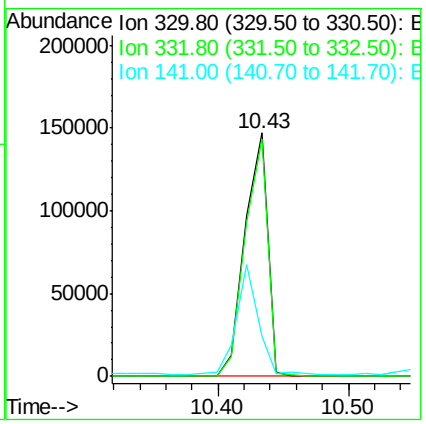


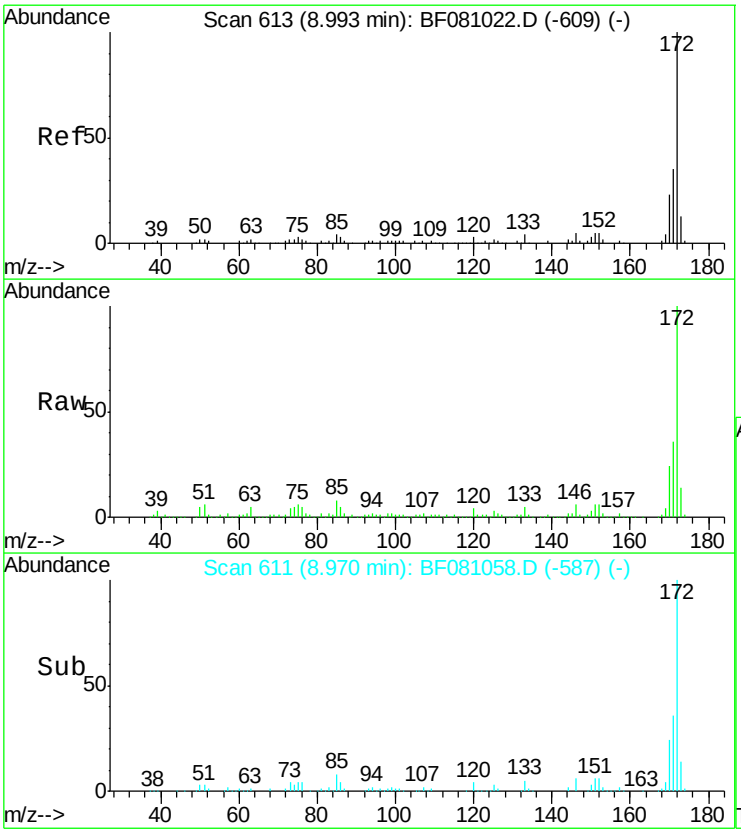
#41
2,4,6-Tribromophenol
Concen: 157.12 ng
RT: 10.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 178375

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	43.3	44.9	67.3#

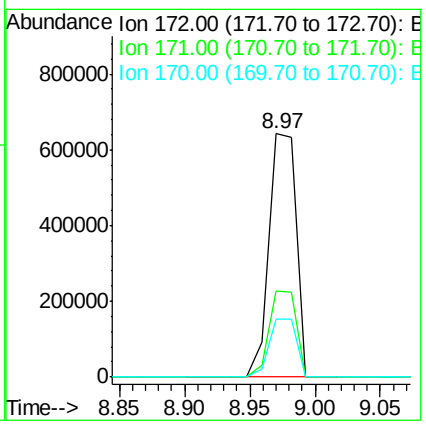


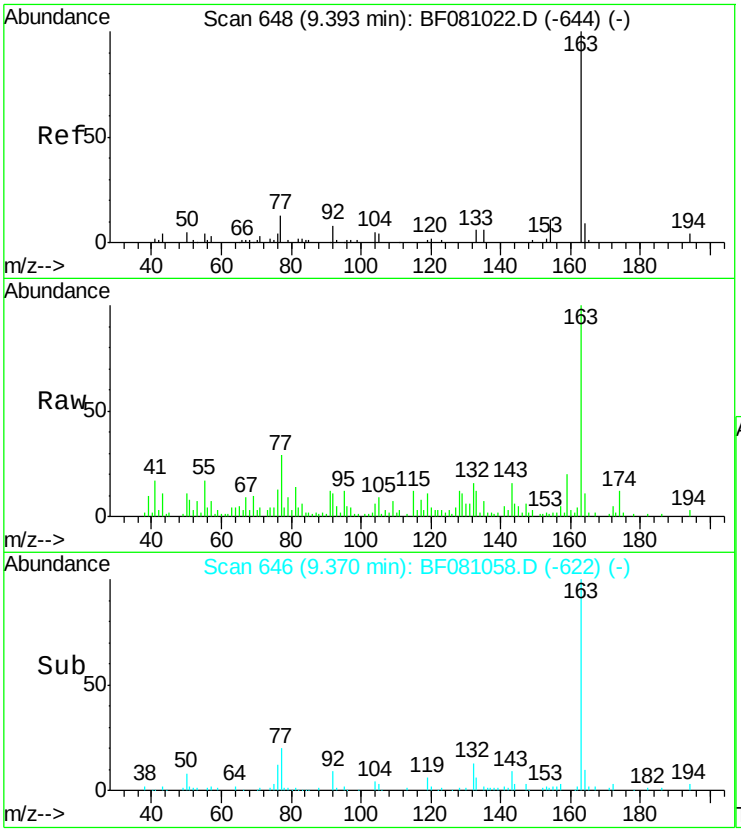


#44
2-Fluorobiphenyl
Concen: 94.47 ng
RT: 8.97 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:172 Resp: 944222

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.8	19.4	29.2



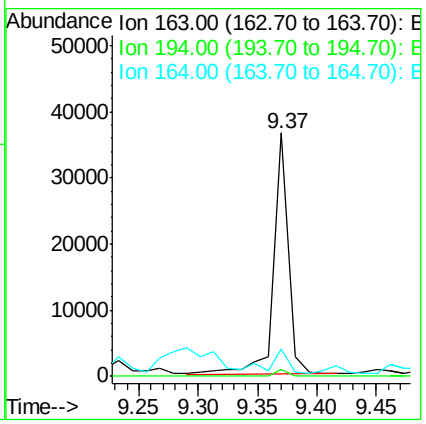


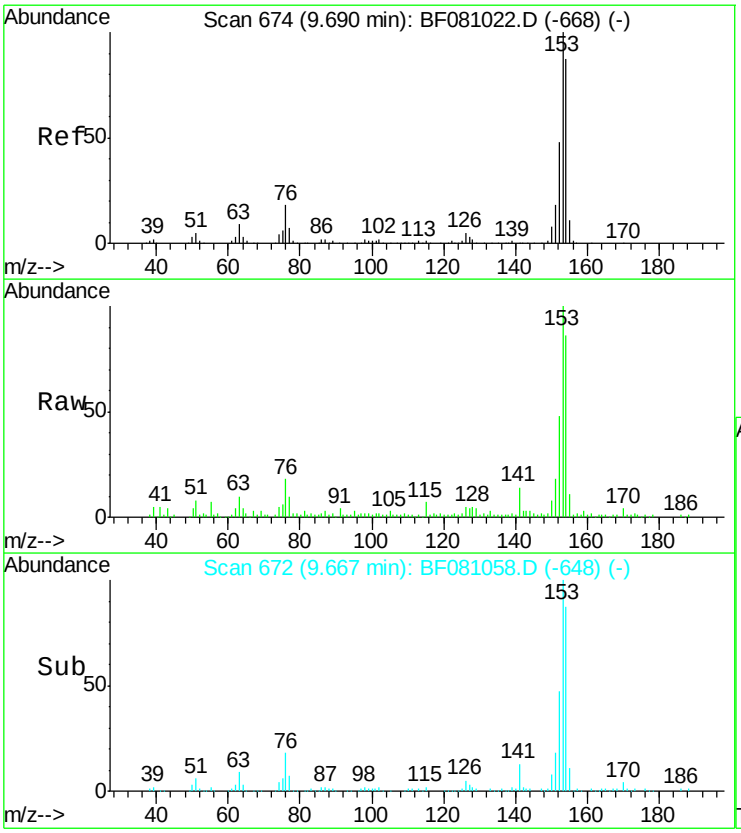
#49
Dimethylphthalate
Concen: 2.95 ng
RT: 9.37 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 31831

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.5	3.7
164	11.2	8.1	12.1

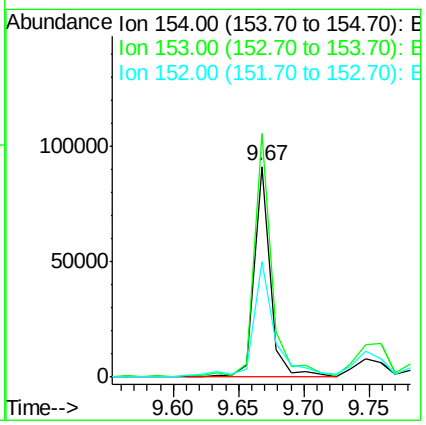


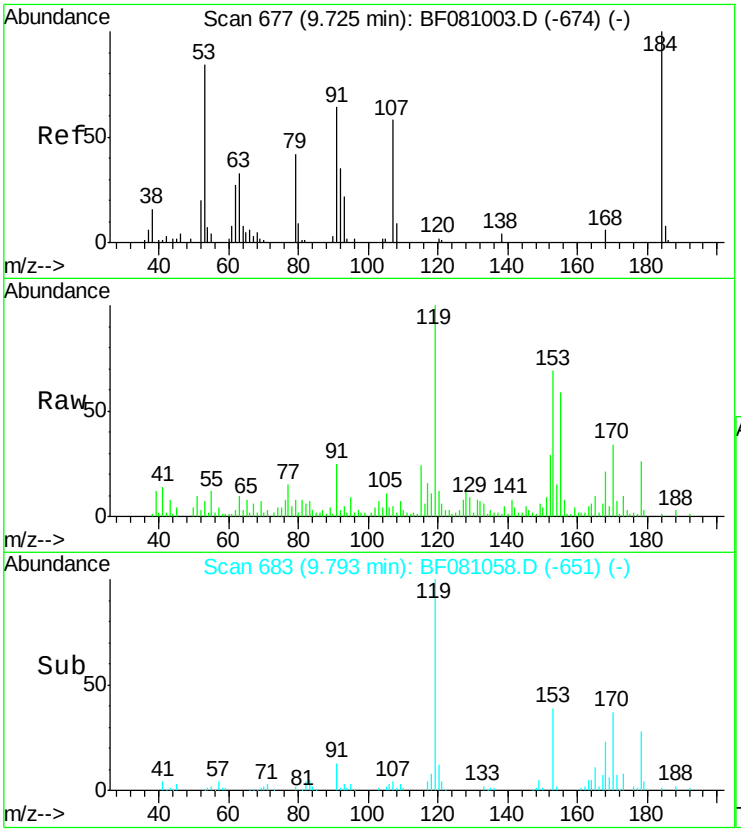


#51
Acenaphthene
Concen: 8.01 ng
RT: 9.67 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:154 Resp: 79479

Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.4	137.2
152	55.1	43.7	65.5



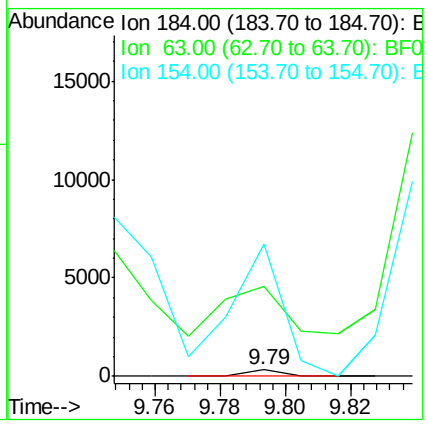


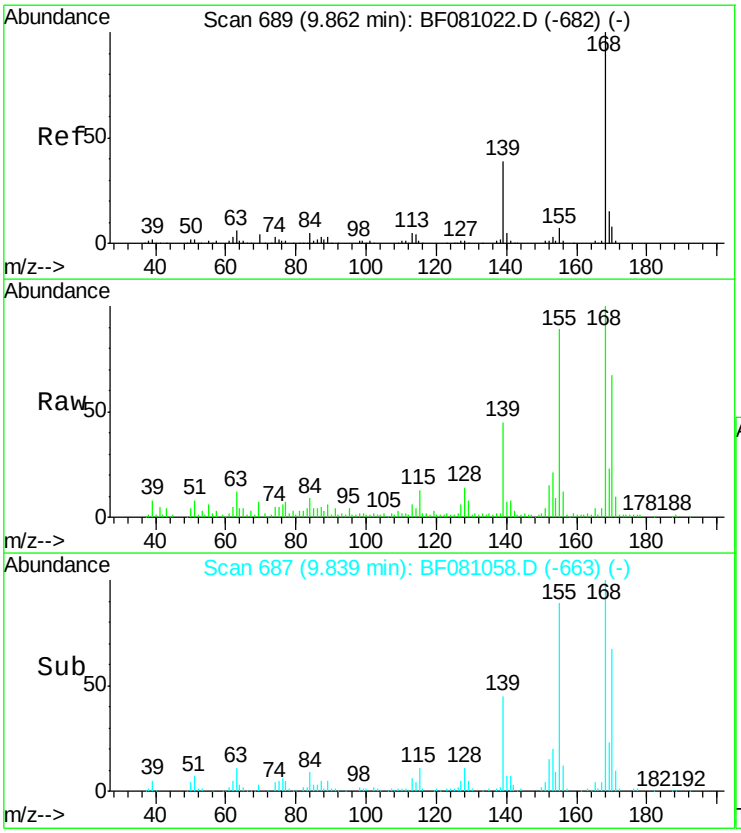
#53
2,4-Dinitrophenol
Concen: 2.86 ng
RT: 9.79 min Scan# 683
Delta R.T. 0.07 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 221

Ion	Ratio	Lower	Upper
184	100		
63	1422.0	101.7	152.5#
154	2084.5	67.4	101.0#

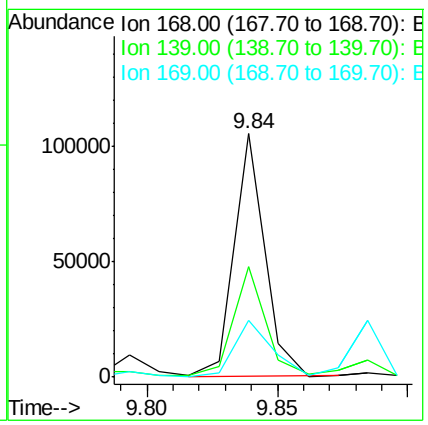


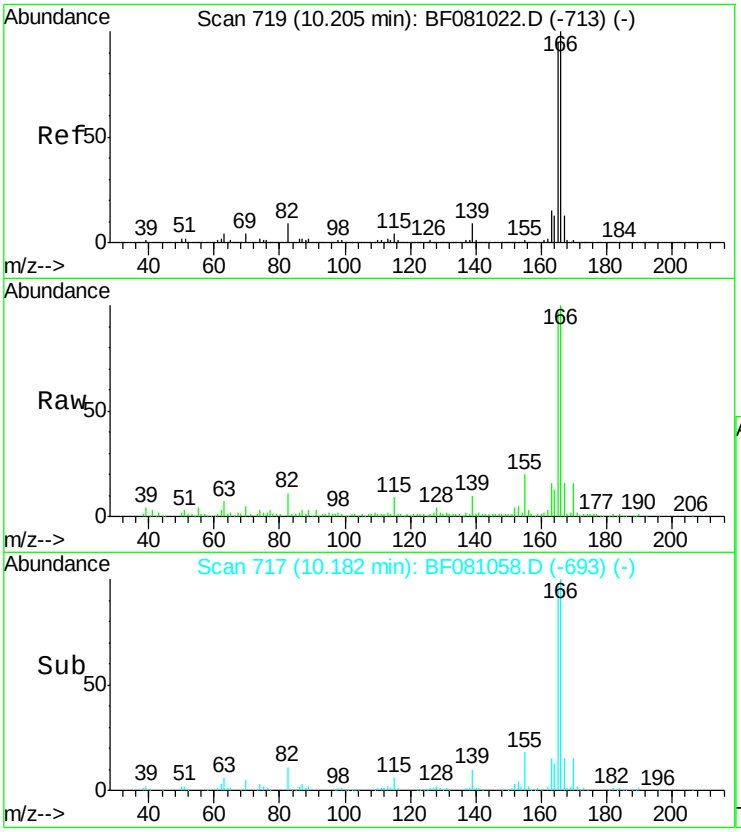


#54
Dibenzofuran
Concen: 6.47 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:168 Resp: 86109

Ion	Ratio	Lower	Upper
168	100		
139	45.3	29.3	43.9#
169	23.4	10.3	15.5#



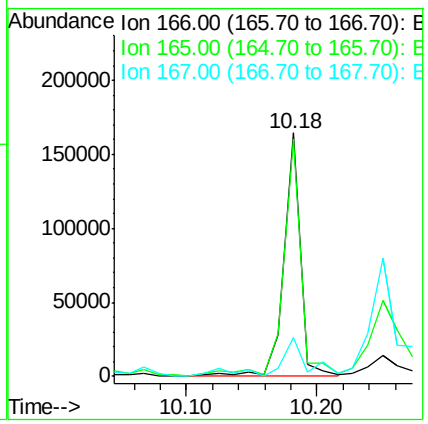


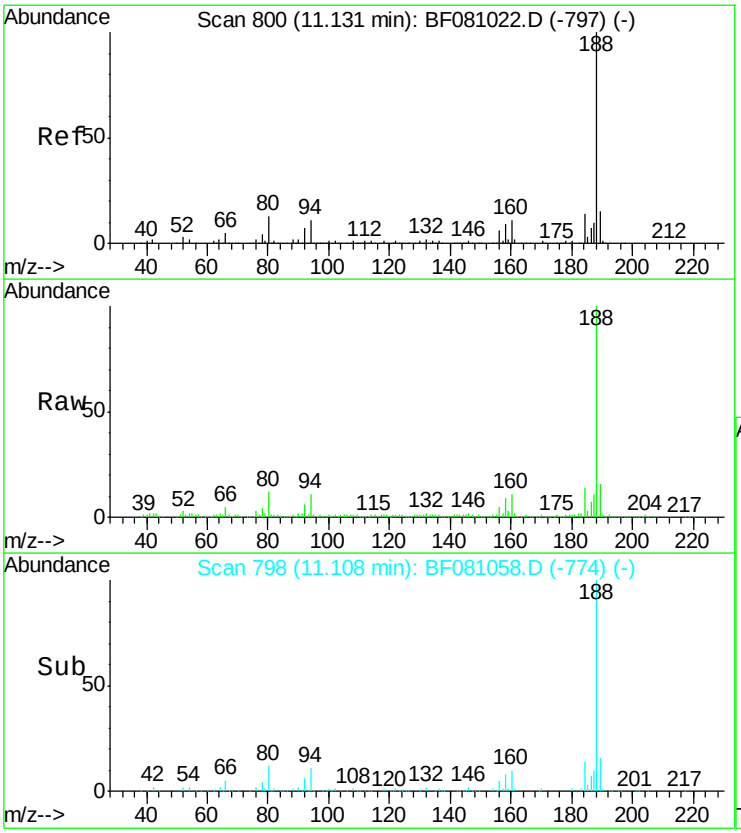
#57
Fluorene
Concen: 14.02 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 143391

Ion	Ratio	Lower	Upper
166	100		
165	97.3	75.8	113.8
167	15.7	11.3	16.9

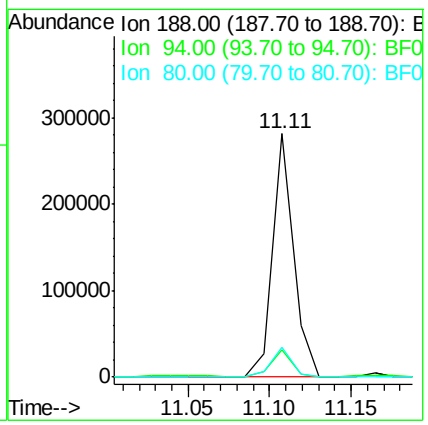


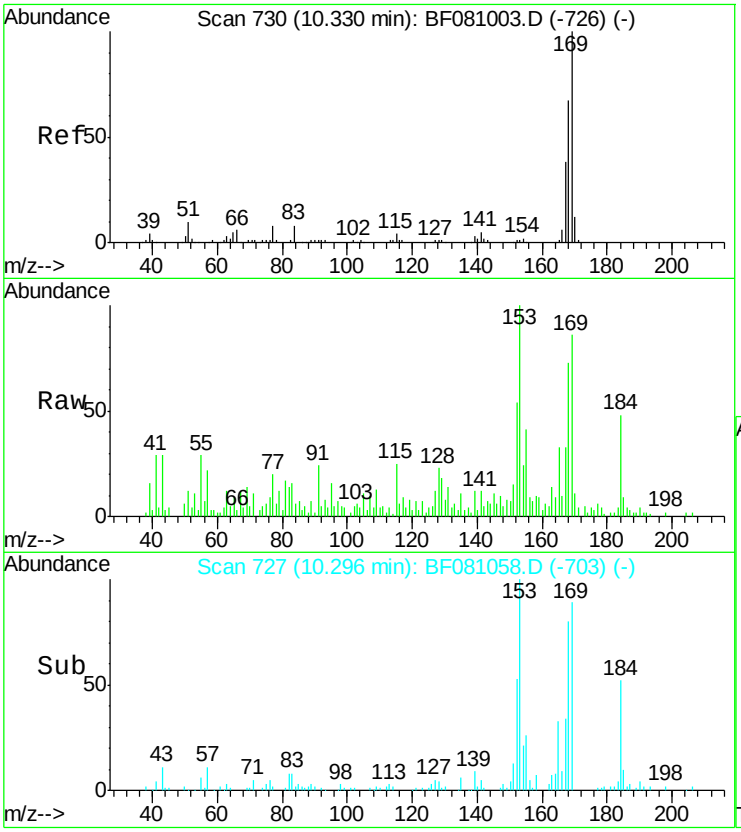


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:188 Resp: 252553

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.2	12.2
80	12.4	9.5	14.3



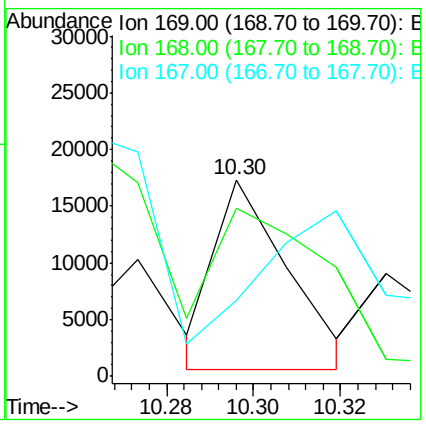


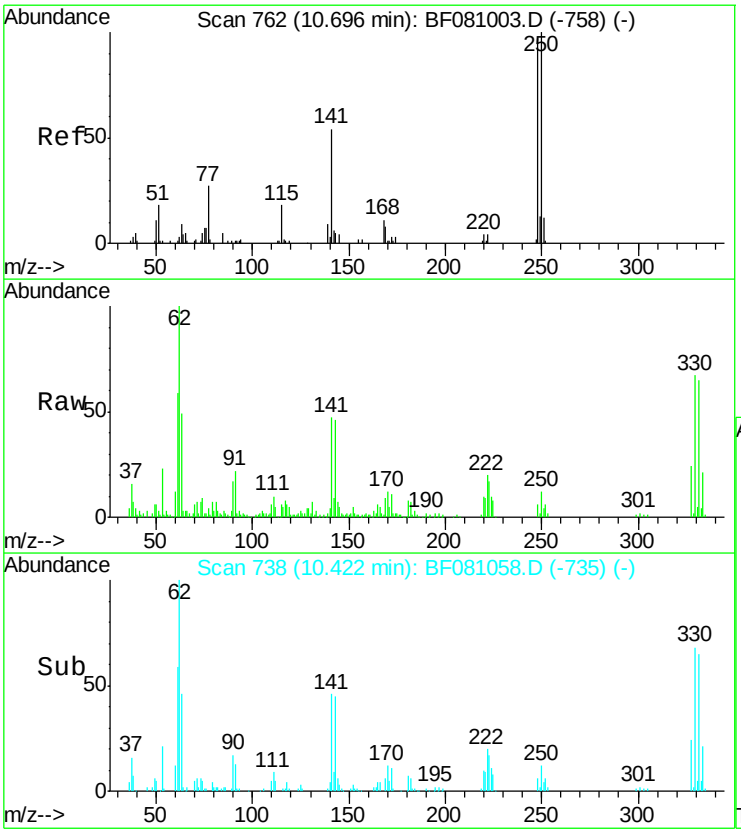
#65
n-Nitrosodiphenylamine
Concen: 2.16 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 19504

Ion	Ratio	Lower	Upper
169	100		
168	85.7	55.3	82.9#
167	38.4	30.8	46.2

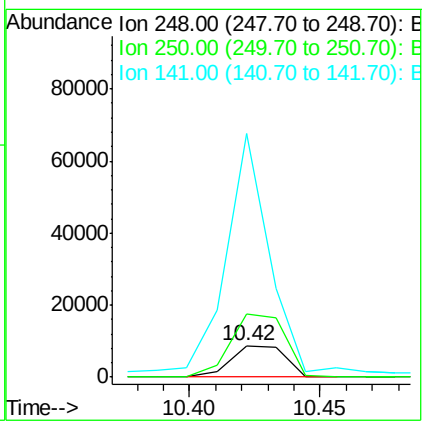


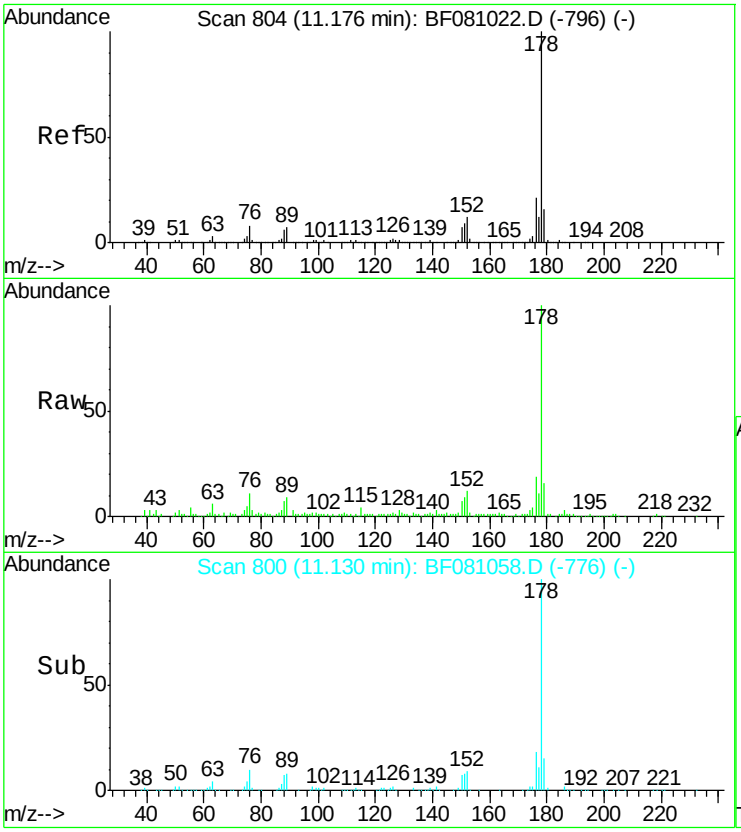


#66
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 10.42 min Scan# 738
Delta R.T. -0.26 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:248 Resp: 12689

Ion	Ratio	Lower	Upper
248	100		
250	198.2	77.8	116.6#
141	772.0	39.8	59.6#

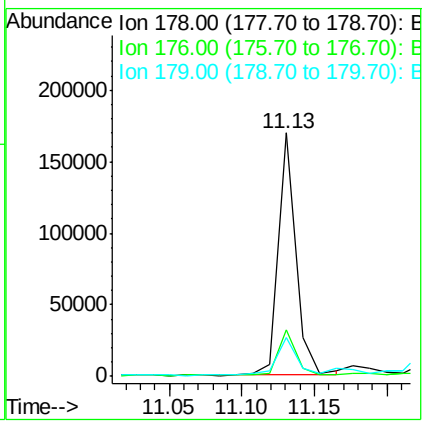




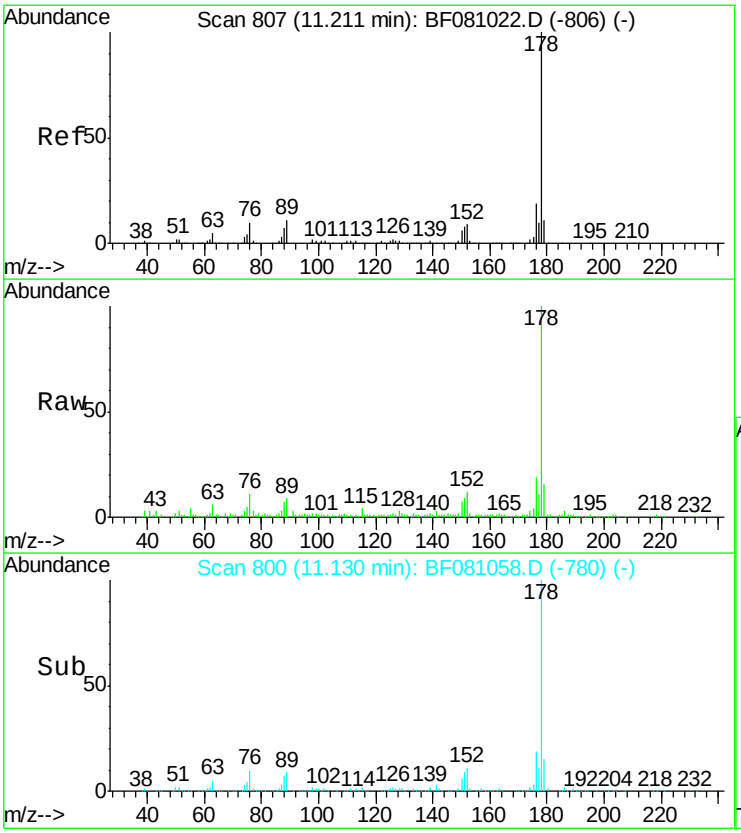
#70
Phenanthrene
Concen: 9.53 ng
RT: 11.13 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:178 Resp: 142673

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.7	12.2	18.2



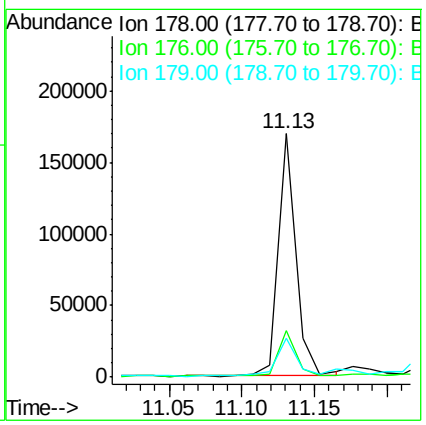
Instrument :
BNA_F
ClientSampleId :

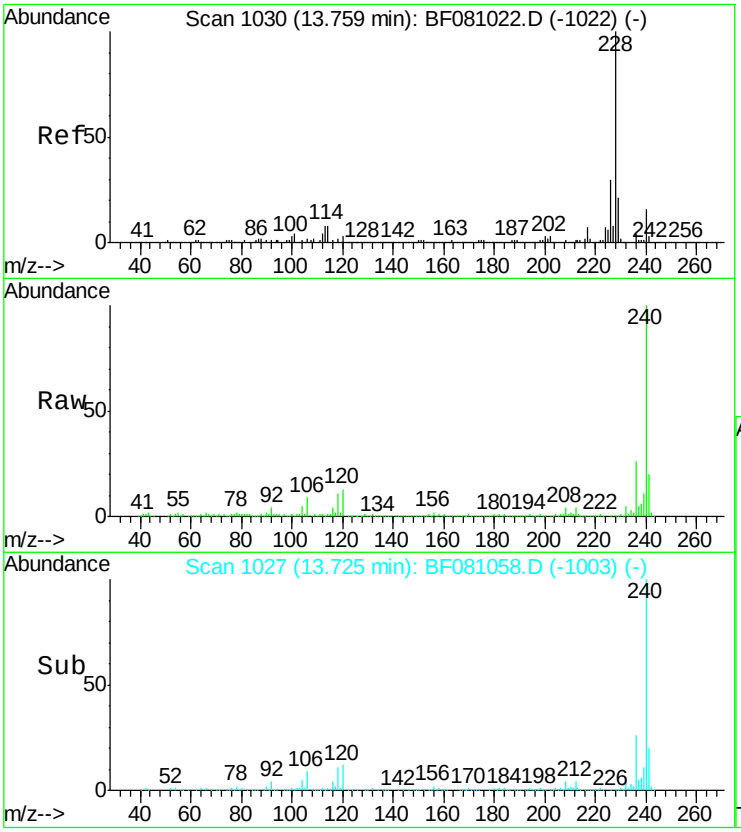


#71
Anthracene
Concen: 9.80 ng
RT: 11.13 min Scan# 800
Delta R.T. -0.07 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:178 Resp: 142673

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.7	12.7	19.1



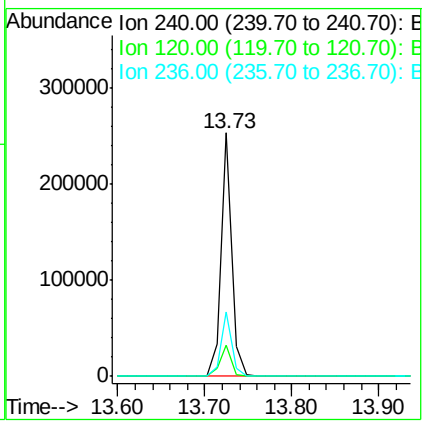


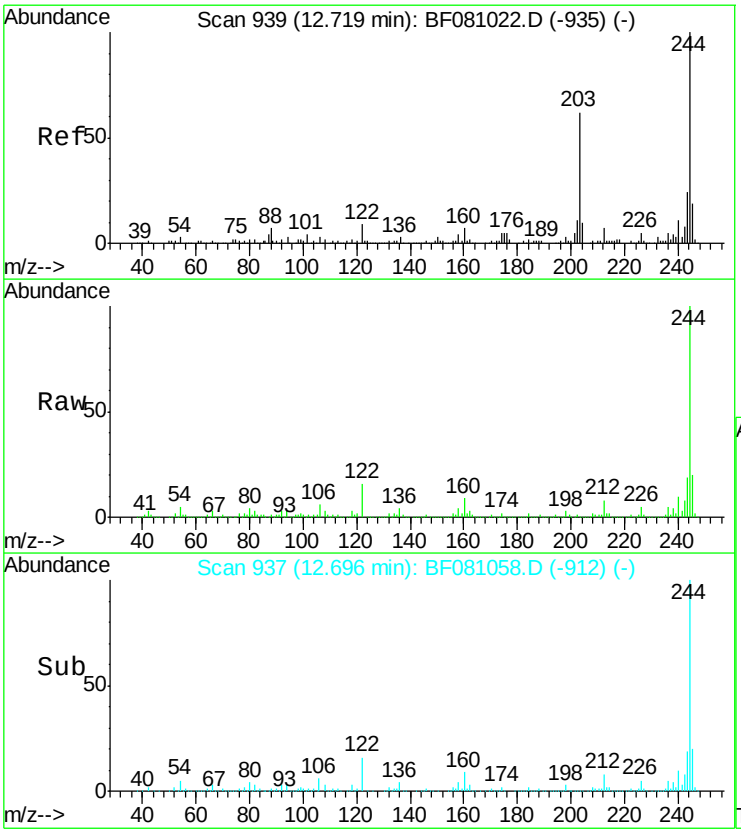
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 221954

Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.6	8.4#
236	26.3	20.6	30.8

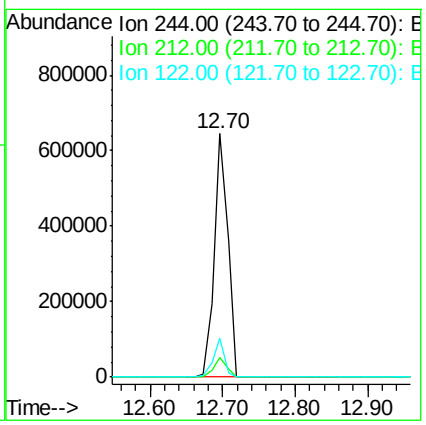


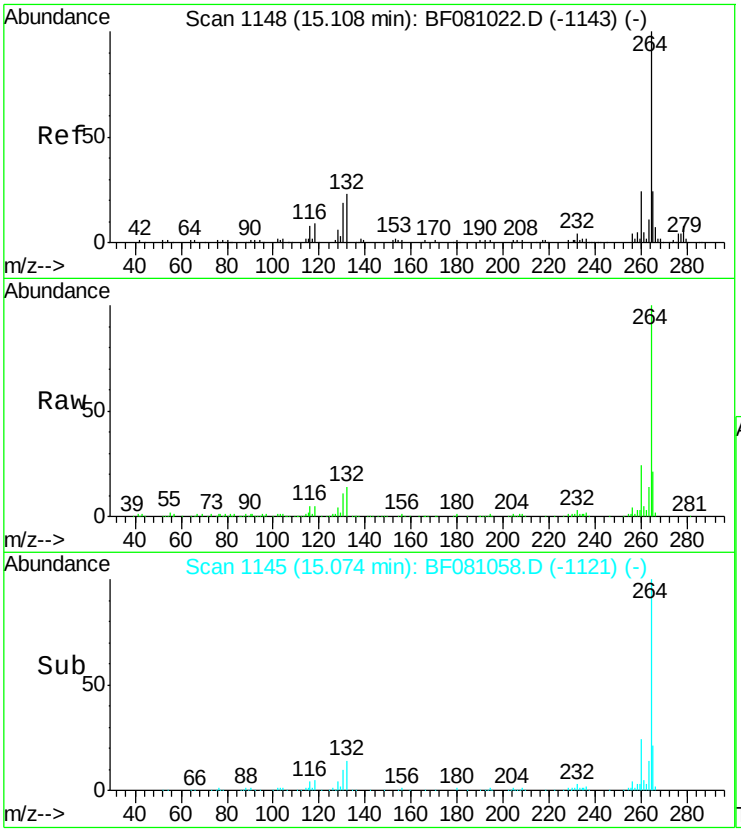


#78
Terphenyl-d14
Concen: 80.66 ng
RT: 12.70 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Tgt Ion:244 Resp: 835040

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	16.0	8.2	12.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF081058.D
Acq: 18 Aug 2015 23:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 170481

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.2	17.5	26.3