Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081838.D
Acq On : 26 Sep 2015 20:27
Operator : UM/IZ
Sample : G3779-04
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-20

Quant Time: Sep 28 03:19:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	120657	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	424029	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	208782	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	257279	20.00	ng		0.01
75) Chrysene-d12	14.15	240	182005	20.00	ng		0.03
86) Perylene-d12	15.62	264	275229	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	888173	124.53	ng		0.00
7) Phenol-d6	6.56	99	1144354	126.85	ng		-0.01
23) Nitrobenzene-d5	7.51	82	712832	110.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	217249	119.85	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	968376	76.14	ng		-0.01
78) Terphenyl-d14	13.06	244	673573	84.54	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.57	94	24634	2.35	ng	#	1
18) Hexachloroethane	7.51	117	9262	3.02	ng	#	9
19) n-Nitroso-di-n-propylamine	7.51	70	101812	16.93	ng	#	57
20) 3+4-Methylphenols	7.34	107	46525	5.58	ng		91
27) 2,4-Dimethylphenol	7.87	122	16632	2.58	ng	#	85
31) Naphthalene	8.26	128	4470995	228.56	ng	#	91
32) Benzoic acid	8.01	122	18416	14.65	ng	#	26
33) 4-Chloroaniline	8.26	127	678541	79.04	ng	#	35
37) 2-Methylnaphthalene	8.95	142	1212256	86.96	ng	#	89
45) 1,1'-Biphenyl	9.41	154	504687	30.92	ng		95
48) Acenaphthylene	9.84	152	357081	16.07	ng	#	94
49) Dimethylphthalate	9.70	163	299875	18.88	ng	#	97
50) 2,6-Dinitrotoluene	9.70	165	6500	2.12	ng	#	11
51) Acenaphthene	10.02	154	1252911	97.83	ng	#	88
54) Dibenzofuran	10.19	168	1841506	98.02	ng	#	83
55) 4-Nitrophenol	10.19	139	745944	325.23	ng	#	27
56) 2,4-Dinitrotoluene	10.14	165	17112	4.66	ng	#	62
57) Fluorene	10.54	166	1352151	93.79	ng		91
59) Diethylphthalate	10.40	149	74726	4.86	ng		99
61) 4-Nitroaniline	10.54	138	16231	5.02	ng	#	47
64) 4,6-Dinitro-2-methylphenol	10.78	198	633	9.13	ng	#	1
65) n-Nitrosodiphenylamine	10.66	169	33628	3.88	ng	#	1
70) Phenanthrene	11.54	178	9129841	620.69	ng	#	87
71) Anthracene	11.54	178	9129841	644.14	ng	#	87
72) Carbazole	11.73	167	2847665	216.42	ng	#	90
74) Fluoranthene	12.73	202	9407962	634.74	ng		85
77) Pyrene	12.97	202	7701907	561.29	ng	#	85
80) Benzo(a)anthracene	14.14	228	5651419	512.08	ng	#	87
82) Chrysene	14.18	228	2899682	273.96	ng	#	83
83) Bis(2-ethylhexyl)phthalate	14.10	149	18904	2.85	ng		96
85) Indeno(1,2,3-cd)pyrene	17.14	276	2813082	290.31	ng	#	83
87) Benzo(b)fluoranthene	15.21	252	7603027	465.83	ng	#	85
88) Benzo(k)fluoranthene	15.21	252	7603027	483.61	ng	#	86
89) Benzo(a)pyrene	15.59	252	3537584	240.06	ng	#	82

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081838.D
Acq On : 26 Sep 2015 20:27
Operator : UM/IZ
Sample : G3779-04
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-20

Quant Time: Sep 28 03:19:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
90) Dibenzo(a,h)anthracene	17.14	278	755728	49.21	ng	#	77
91) Benzo(g,h,i)perylene	17.59	276	2483669	156.87	ng	#	75

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
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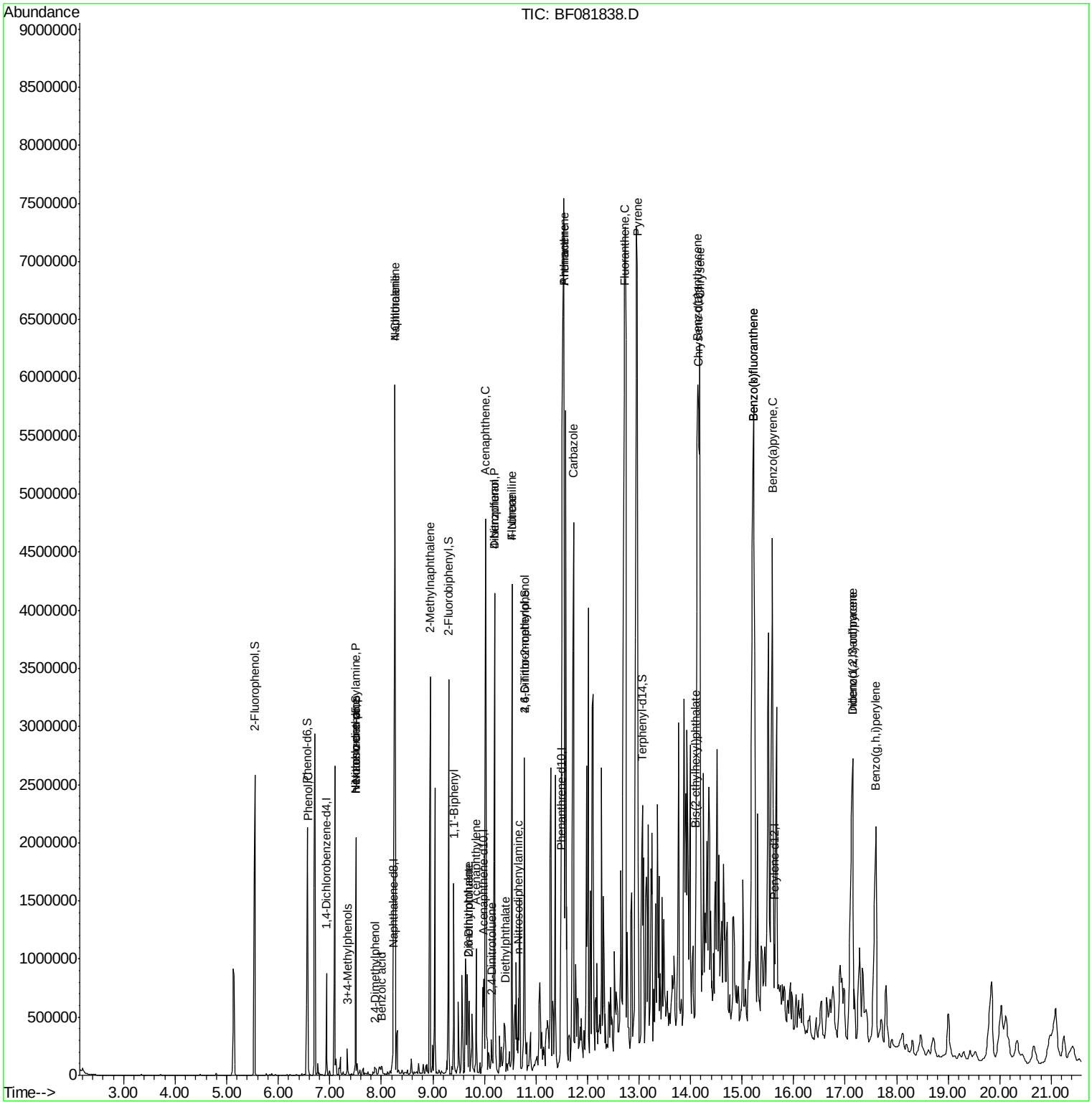
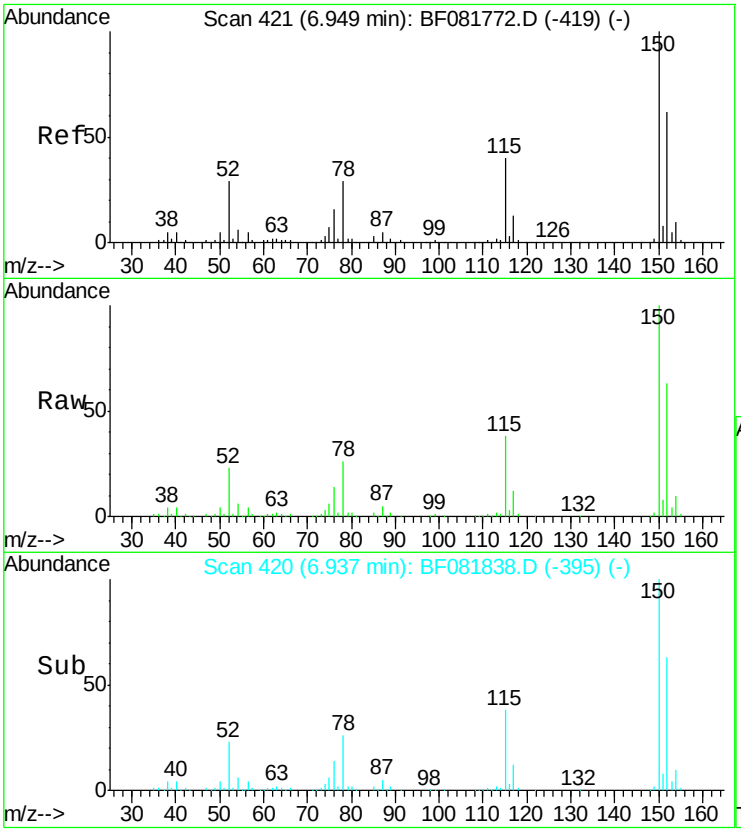
Response via : Initial Calibration



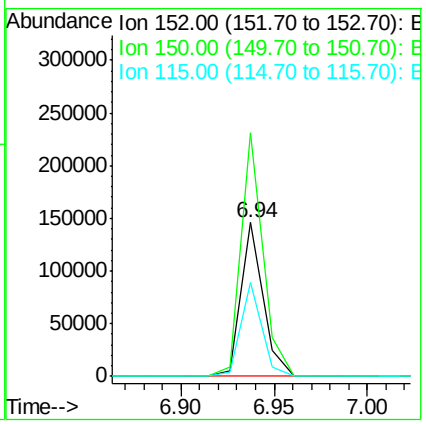


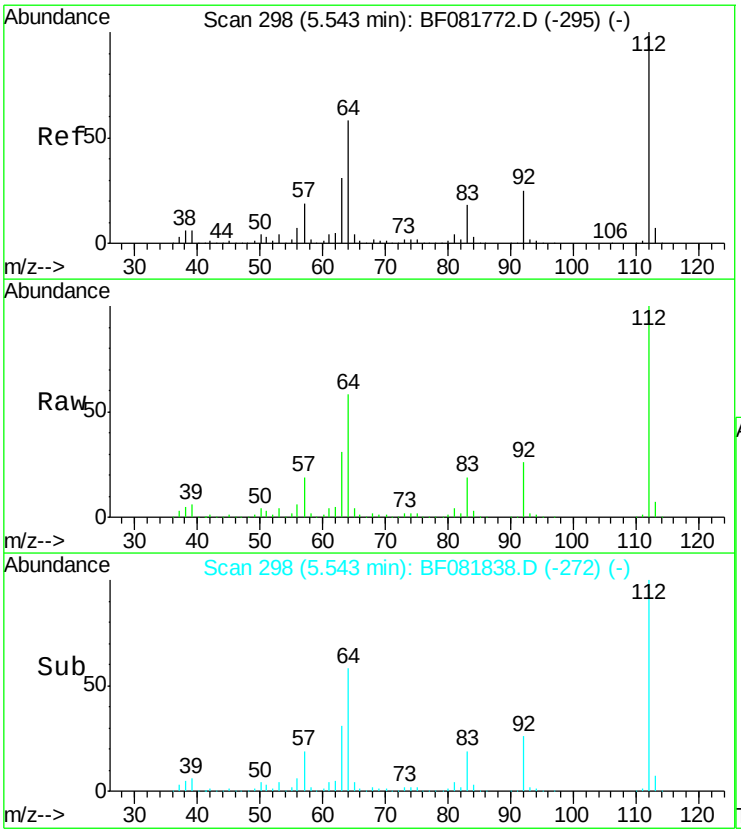
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:152 Resp: 120657

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.7	187.1
115	61.1	39.0	58.4#

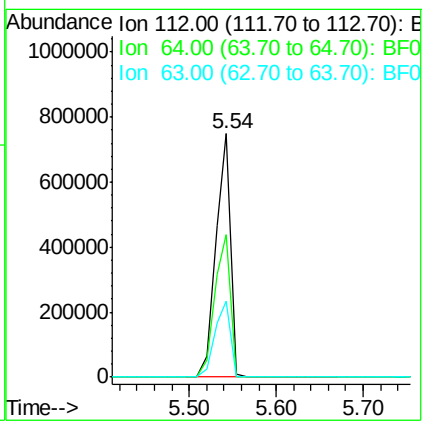


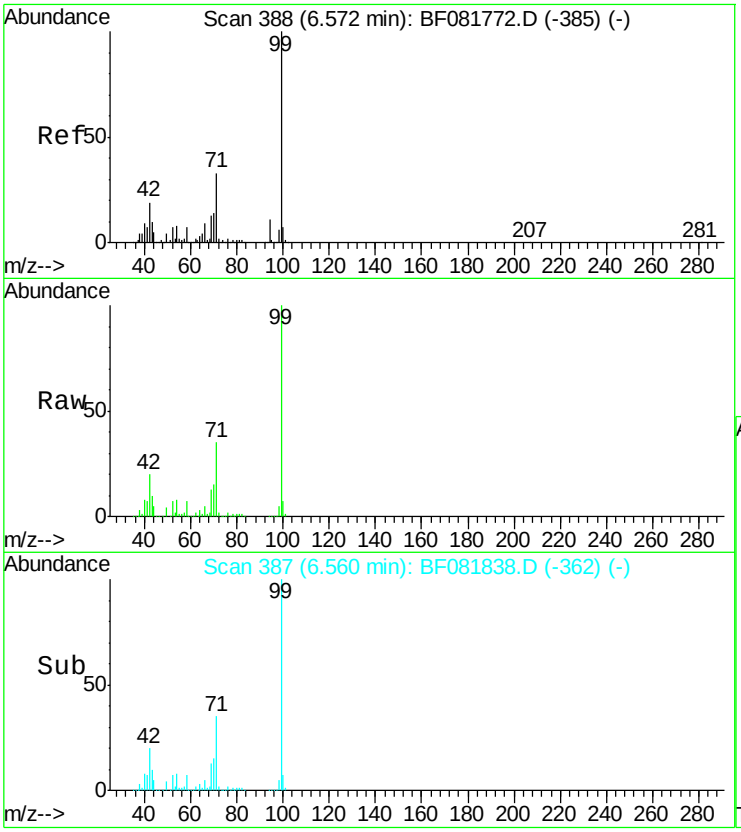


#5
2-Fluorophenol
Concen: 124.53 ng
RT: 5.54 min Scan# 298
Delta R.T. 0.00 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:112 Resp: 888173

Ion	Ratio	Lower	Upper
112	100		
64	58.5	39.7	59.5
63	31.3	17.4	26.0#



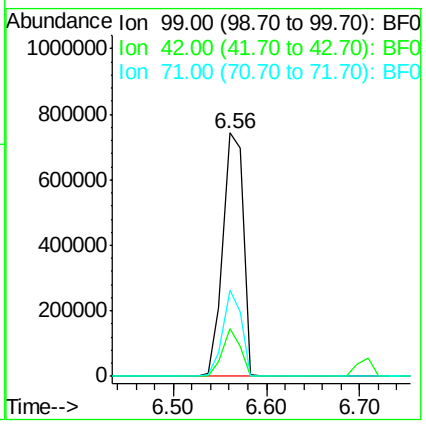


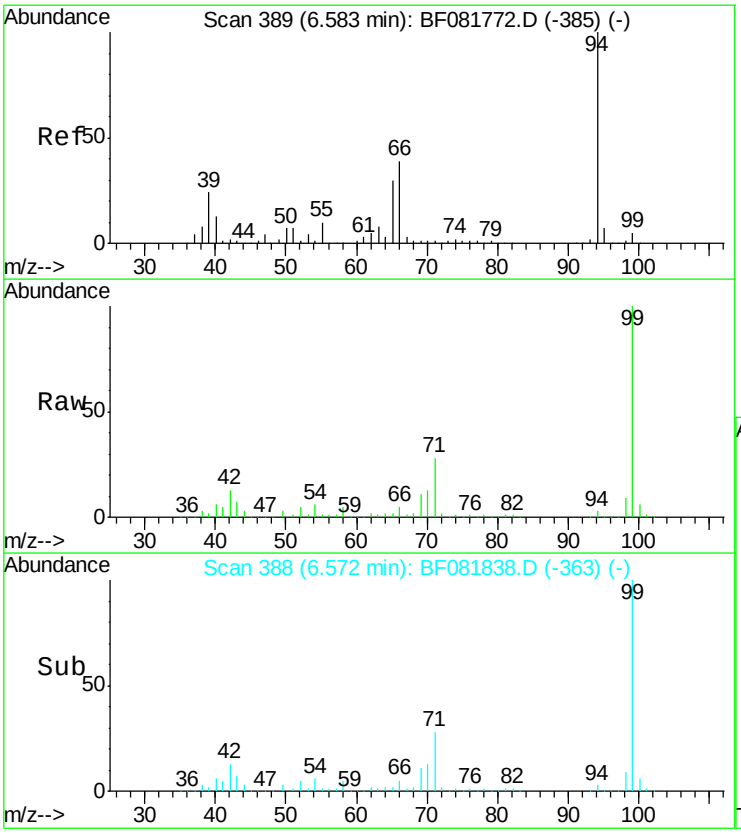
#7
Phenol-d6
Concen: 126.85 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion: 99 Resp: 1144354

Ion	Ratio	Lower	Upper
99	100		
42	19.8	13.7	20.5
71	35.4	14.2	21.2#

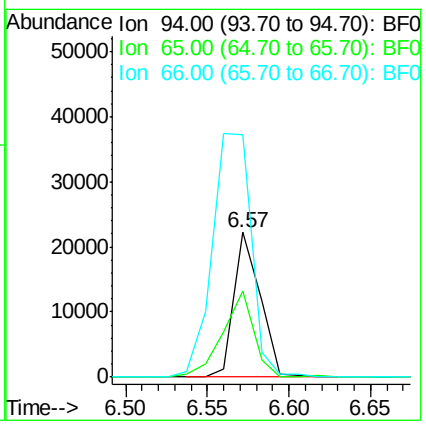


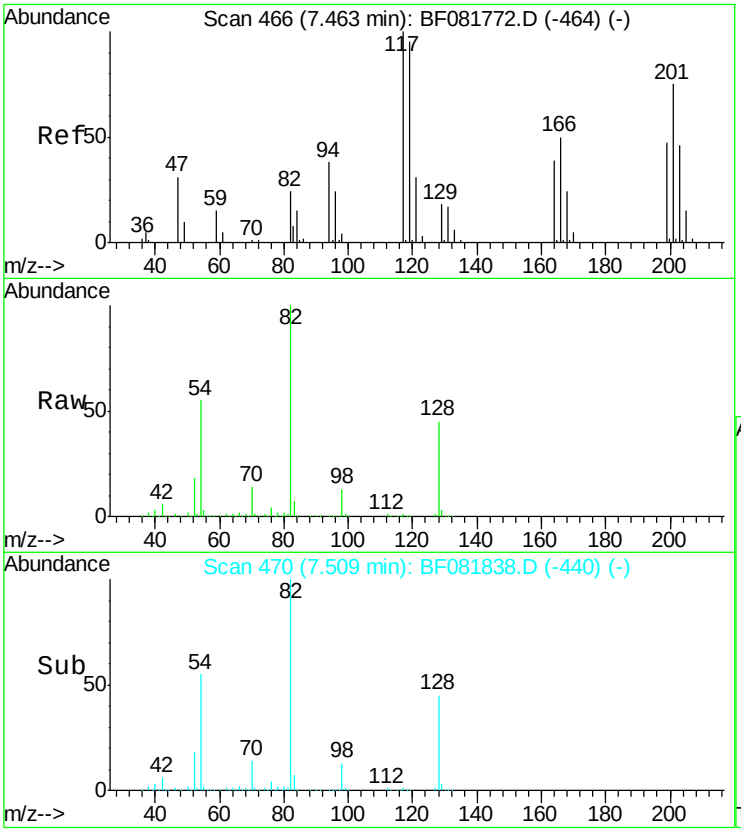


#10
Phenol
Concen: 2.35 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion: 94 Resp: 24634

Ion	Ratio	Lower	Upper
94	100		
65	59.9	0.7	40.7#
66	167.8	0.8	40.8#



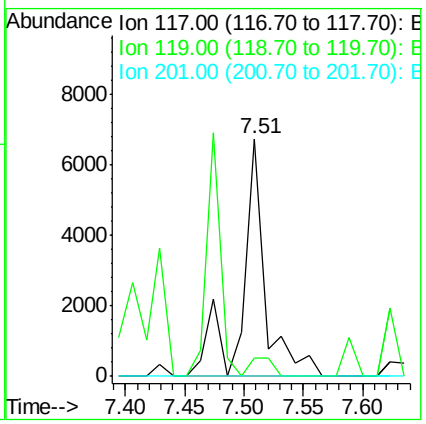


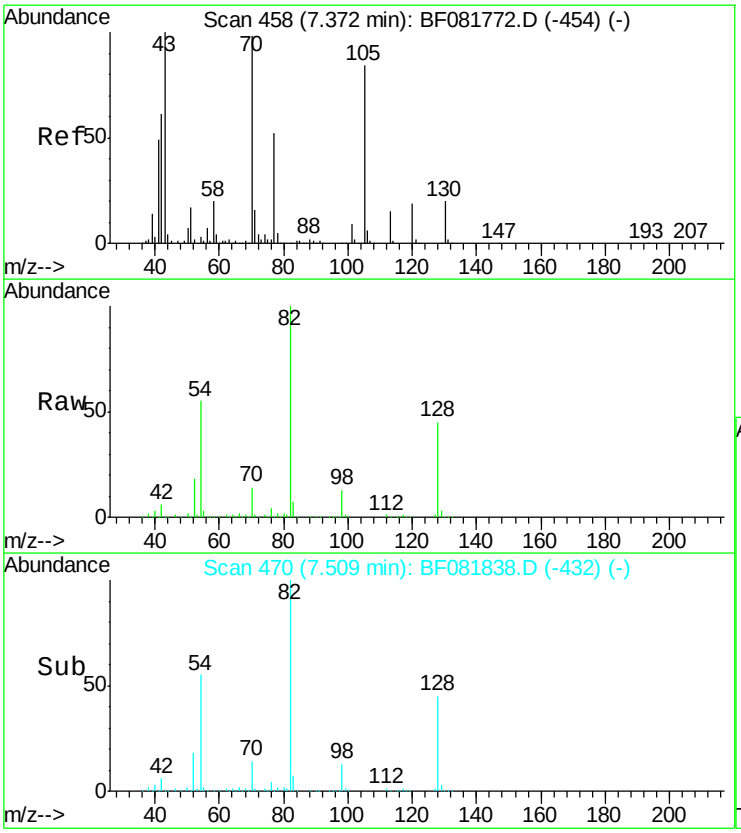
#18
Hexachloroethane
Concen: 3.02 ng
RT: 7.51 min Scan# 470
Delta R.T. 0.05 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:117 Resp: 9262

Ion	Ratio	Lower	Upper
117	100		
119	7.5	83.8	125.6#
201	0.0	55.1	82.7#

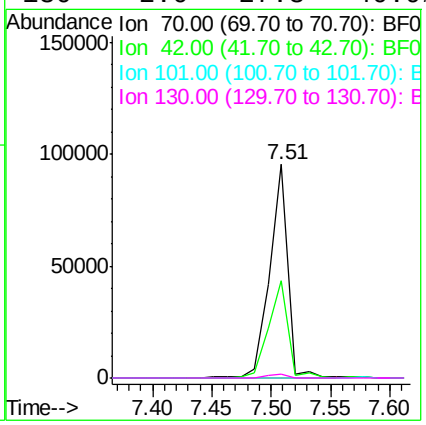


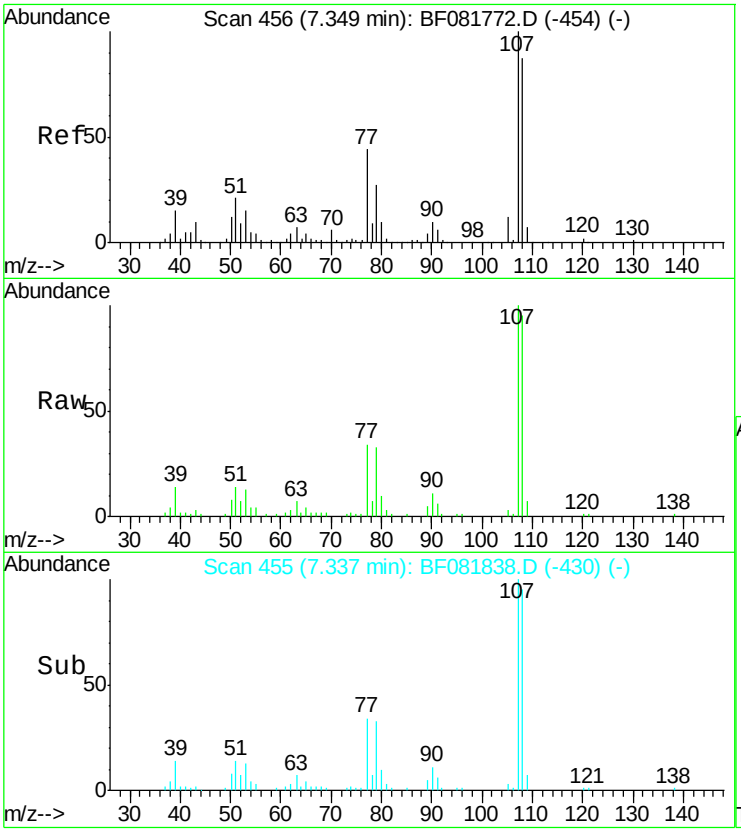


#19
n-Nitroso-di-n-propylamine
Concen: 16.93 ng
RT: 7.51 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion: 70 Resp: 101812

Ion	Ratio	Lower	Upper
70	100		
42	45.6	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#



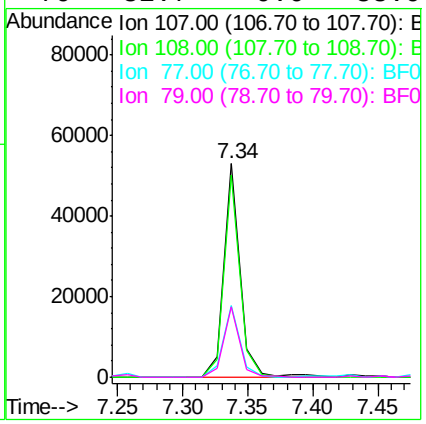


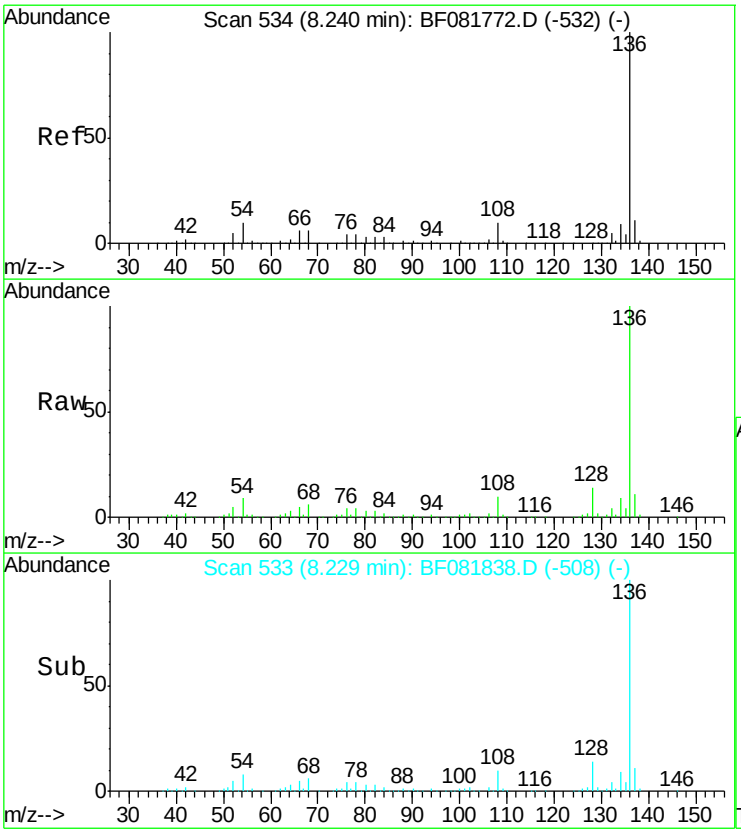
#20
3+4-Methylphenols
Concen: 5.58 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:107 Resp: 46525

Ion	Ratio	Lower	Upper
107	100		
108	94.8	74.6	114.6
77	33.8	0.7	40.7
79	32.7	0.0	38.9

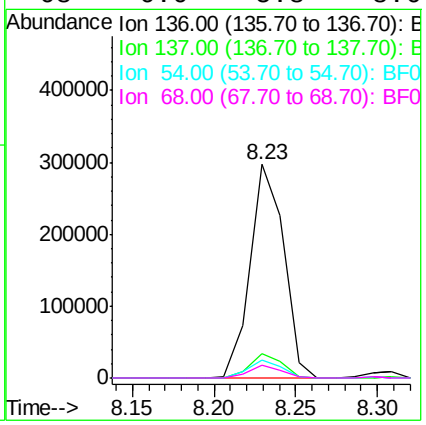


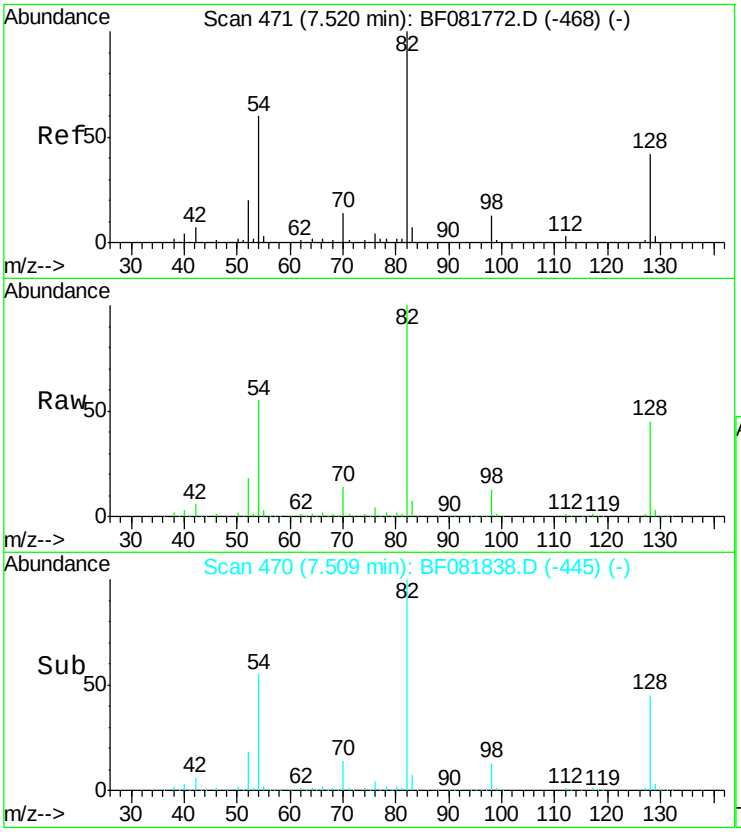


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:136 Resp: 424029

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.5	8.2	12.2
68	6.0	5.8	8.6



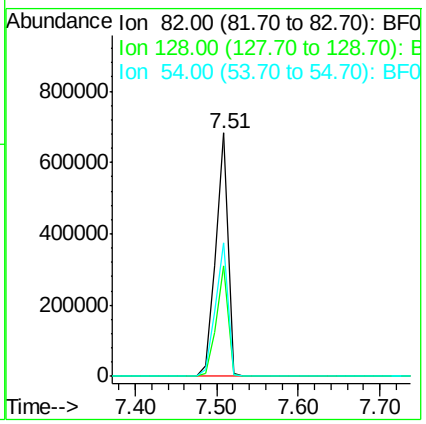


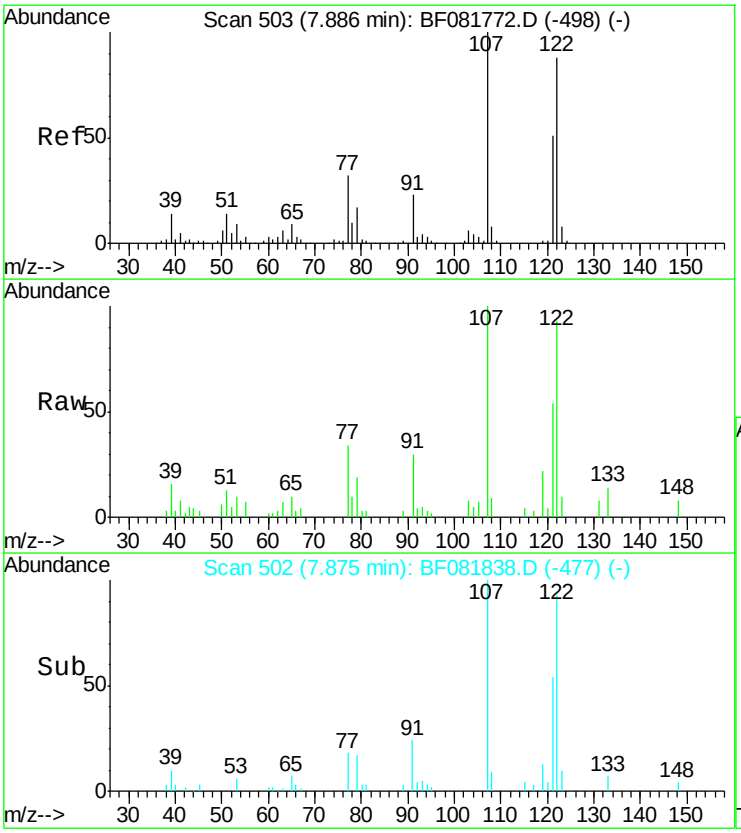
#23
Nitrobenzene-d5
Concen: 110.92 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion: 82 Resp: 712832

Ion	Ratio	Lower	Upper
82	100		
128	45.2	51.0	76.6#
54	55.0	47.5	71.3

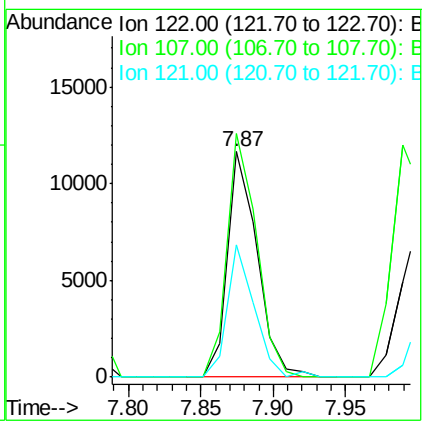


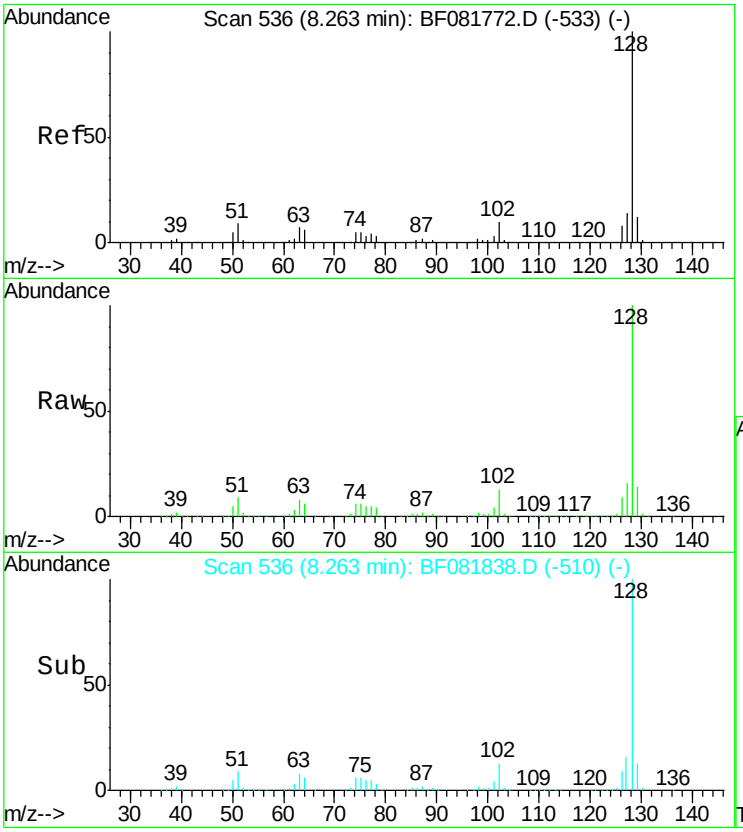


#27
2,4-Dimethylphenol
Concen: 2.58 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:122 Resp: 16632

Ion	Ratio	Lower	Upper
122	100		
107	107.9	71.8	107.6#
121	58.6	42.3	63.5



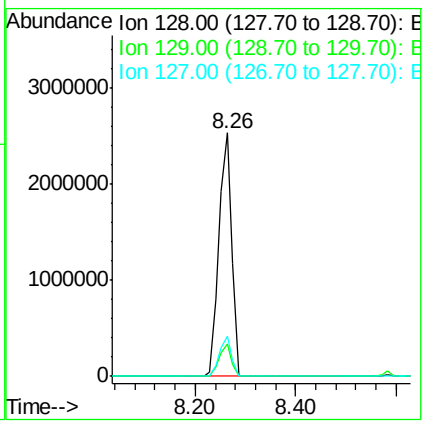


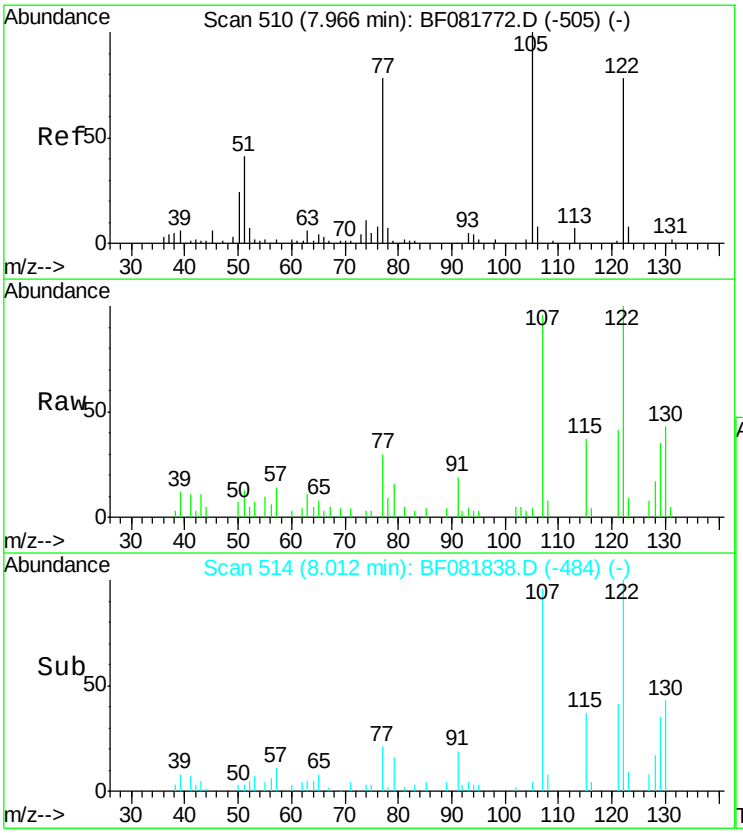
#31
Naphthalene
Concen: 228.56 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:128 Resp: 4470995

Ion	Ratio	Lower	Upper
128	100		
129	13.5	8.4	12.6#
127	16.3	9.9	14.9#

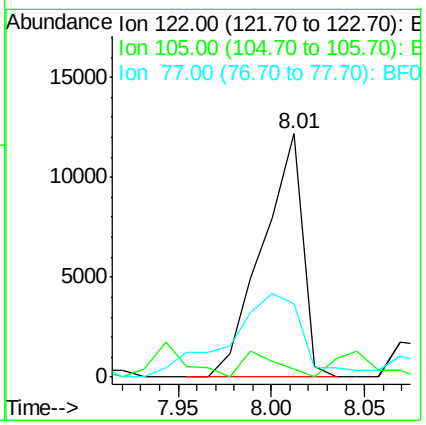


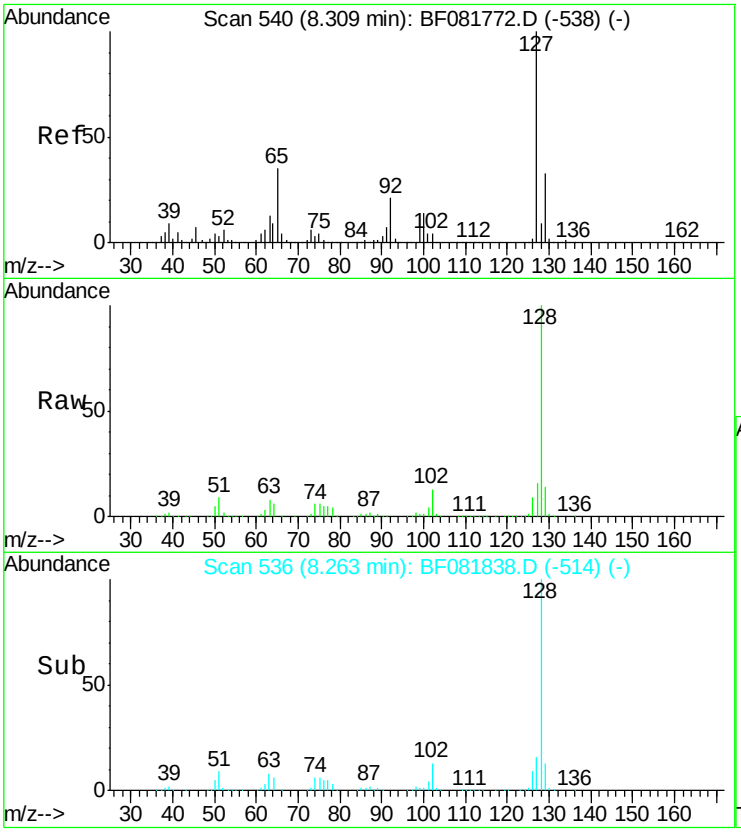


#32
Benzoic acid
Concen: 14.65 ng
RT: 8.01 min Scan# 514
Delta R.T. 0.05 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:122 Resp: 18416

Ion	Ratio	Lower	Upper
122	100		
105	3.5	76.1	116.1#
77	30.2	40.5	80.5#



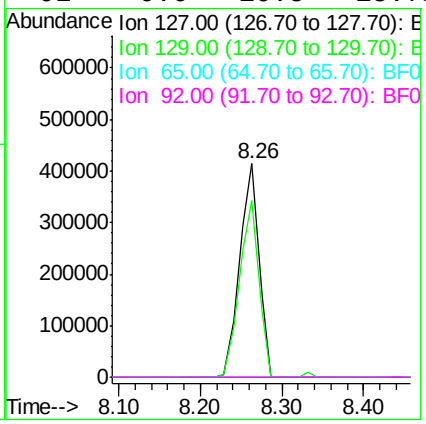


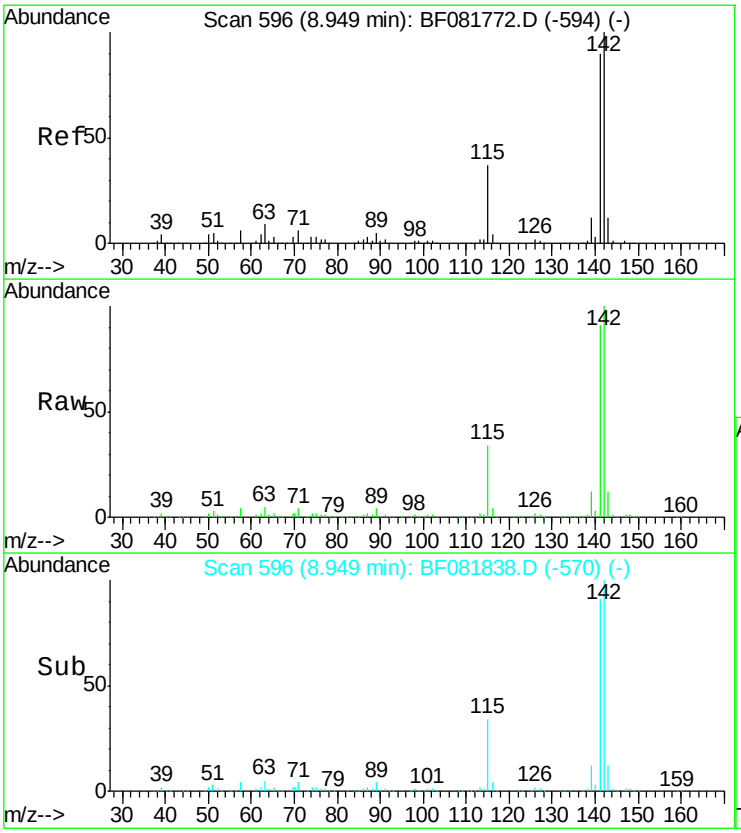
#33
4-Chloroaniline
Concen: 79.04 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:127 Resp: 678541

Ion	Ratio	Lower	Upper
127	100		
129	82.6	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#

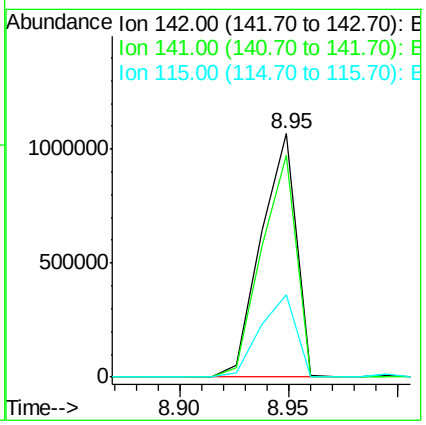


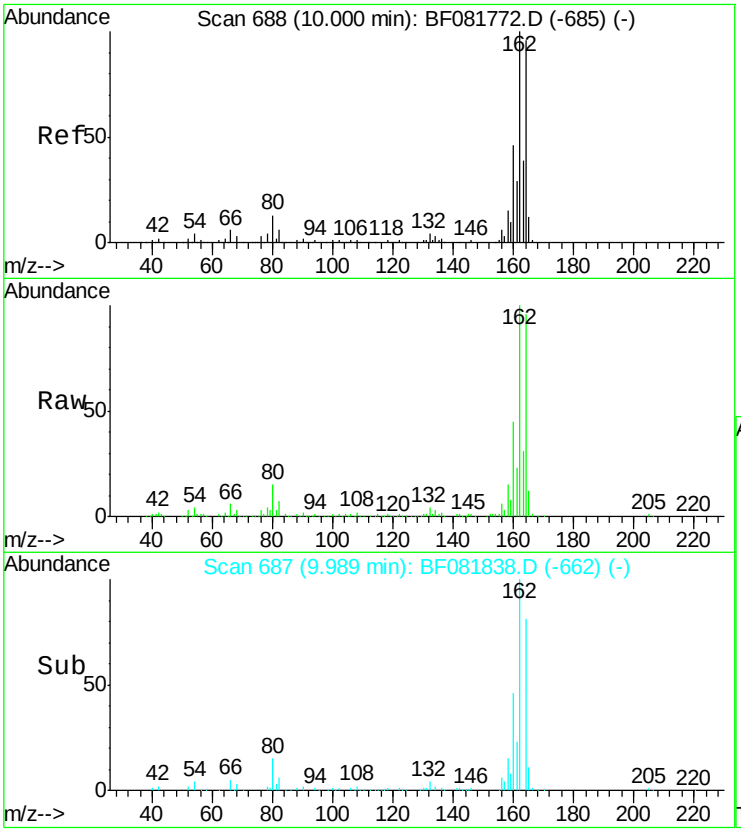


#37
2-Methylnaphthalene
Concen: 86.96 ng
RT: 8.95 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:142 Resp: 1212256

Ion	Ratio	Lower	Upper
142	100		
141	90.9	67.5	101.3
115	34.0	18.2	27.2#



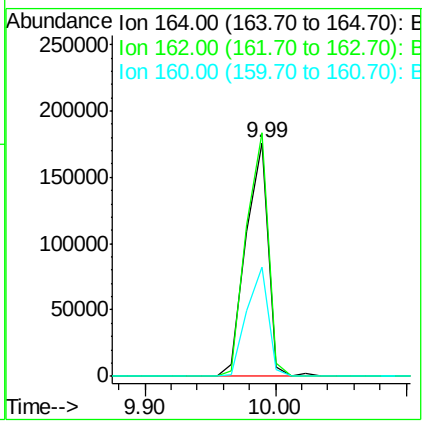


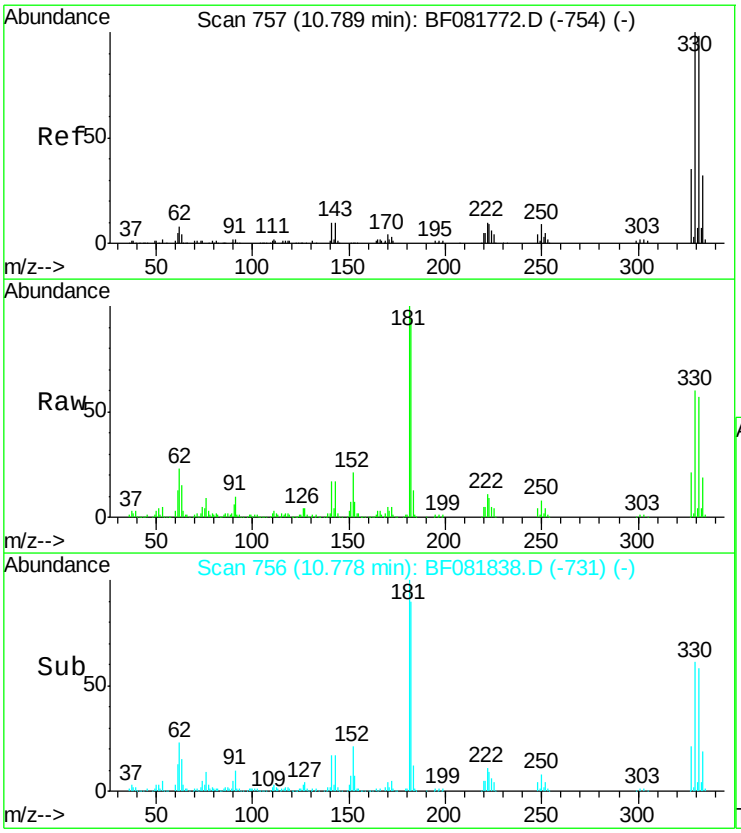
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:164 Resp: 208782

Ion	Ratio	Lower	Upper
164	100		
162	104.1	75.2	112.8
160	46.8	31.5	47.3

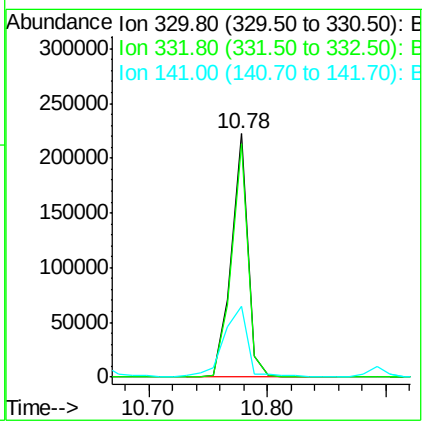


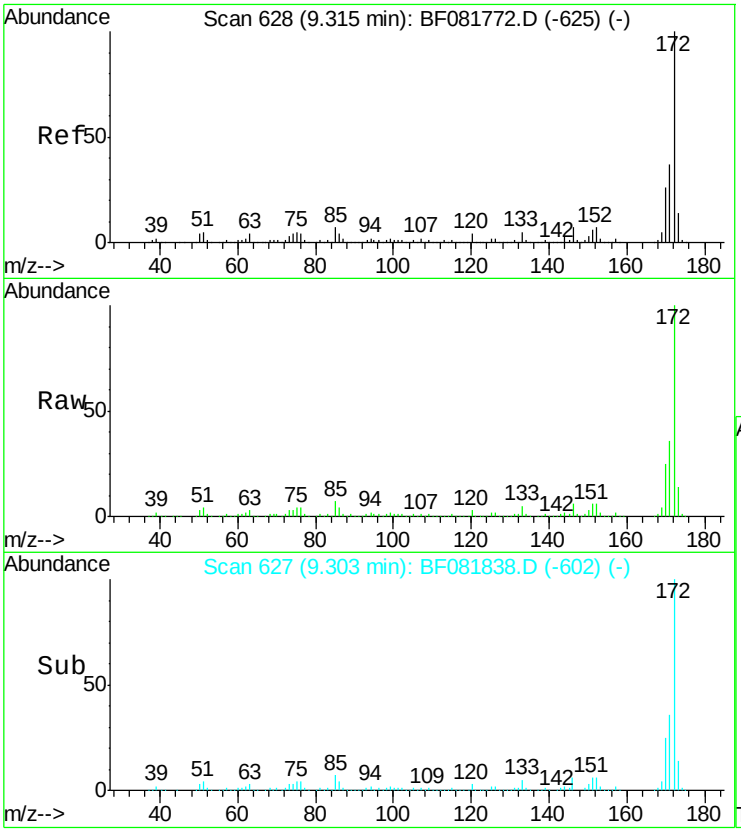


#41
2,4,6-Tribromophenol
Concen: 119.85 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:330 Resp: 217249

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	40.1	29.7	44.5



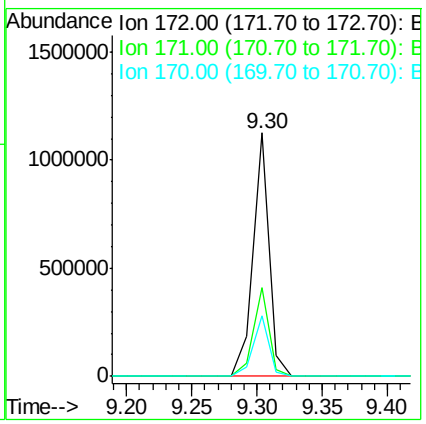


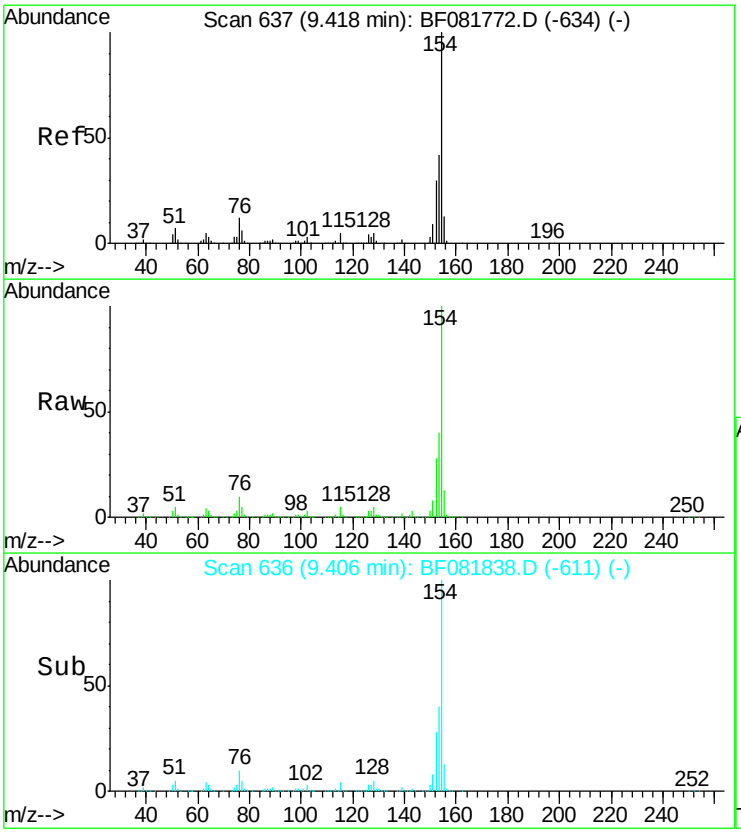
#44
2-Fluorobiphenyl
Concen: 76.14 ng
RT: 9.30 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:172 Resp: 968376

Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.1	39.1
170	24.9	17.4	26.2

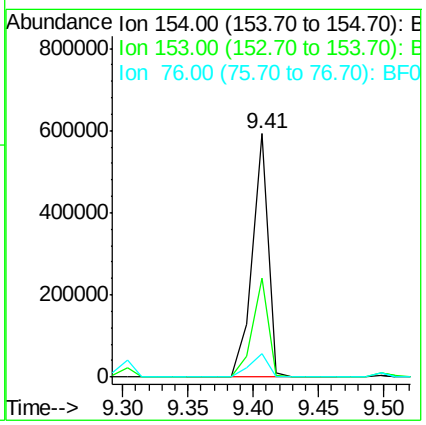


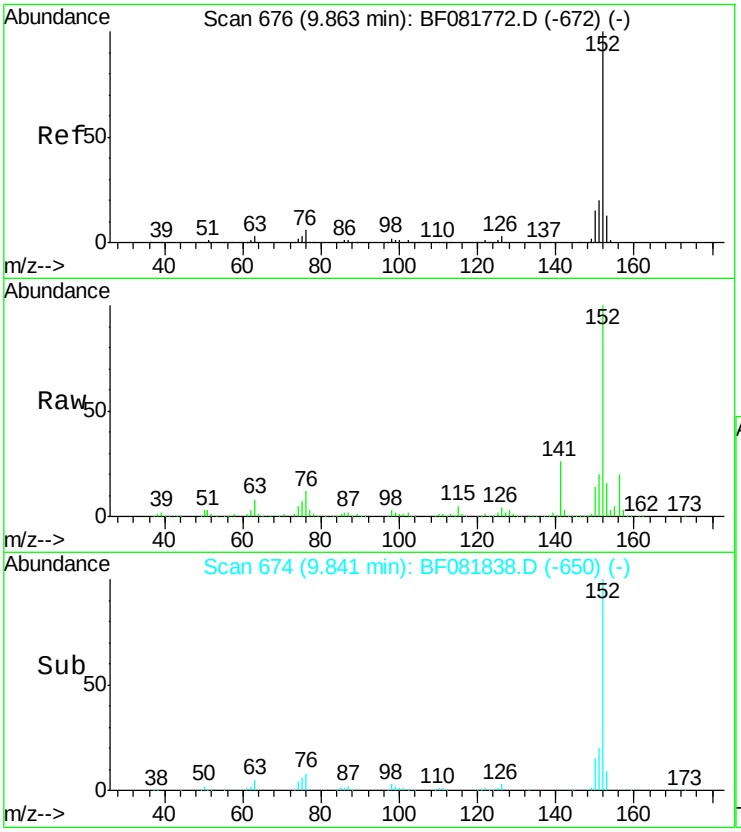


#45
1,1'-Biphenyl
Concen: 30.92 ng
RT: 9.41 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:154 Resp: 504687

Ion	Ratio	Lower	Upper
154	100		
153	40.4	17.1	57.1
76	9.7	0.0	31.6



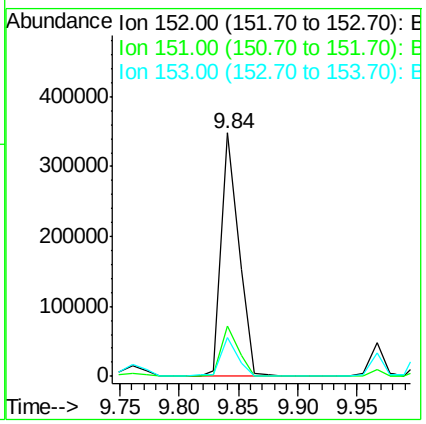


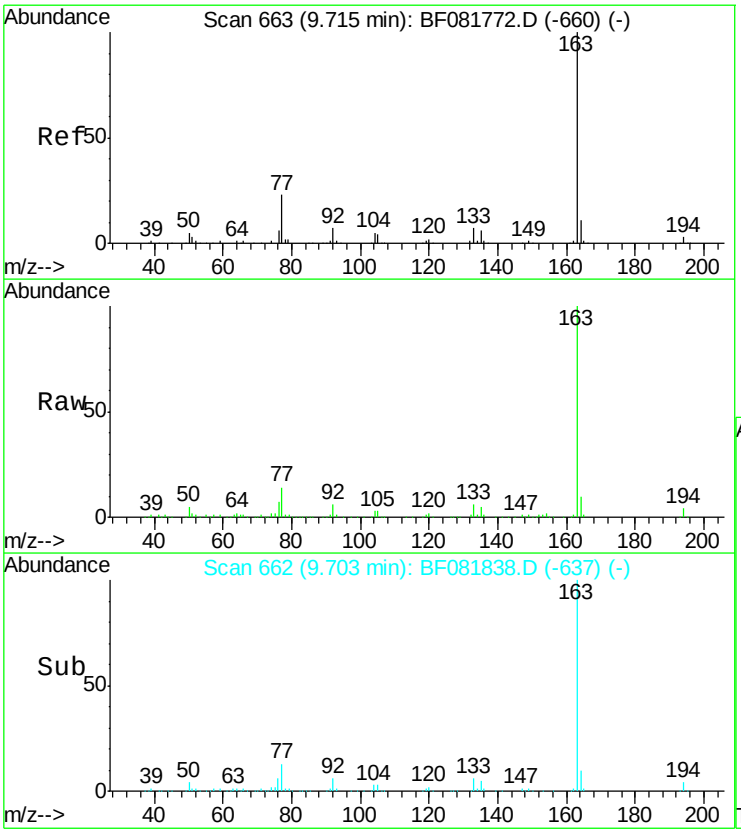
#48
Acenaphthylene
Concen: 16.07 ng
RT: 9.84 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:152 Resp: 357081

Ion	Ratio	Lower	Upper
152	100		
151	20.4	14.6	22.0
153	16.0	10.3	15.5#

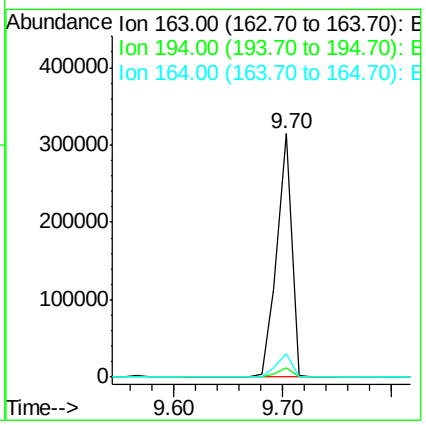


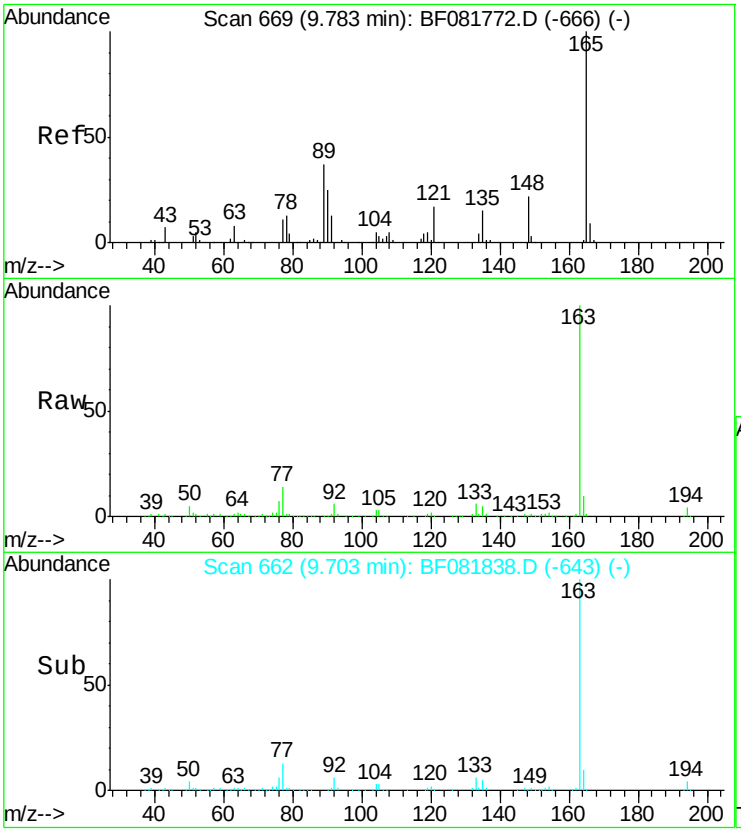


#49
Dimethylphthalate
Concen: 18.88 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:163 Resp: 299875

Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	9.6	8.3	12.5



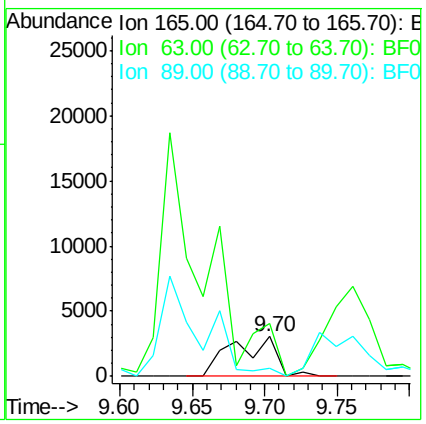


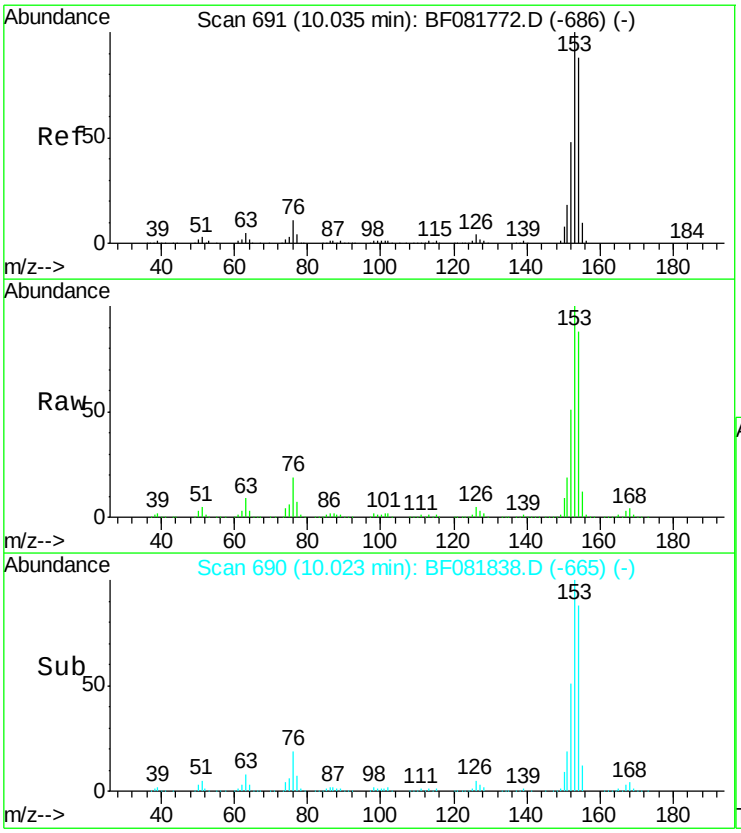
#50
2,6-Dinitrotoluene
Concen: 2.12 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.08 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:165 Resp: 6500

Ion	Ratio	Lower	Upper
165	100		
63	131.5	32.3	48.5#
89	21.7	28.6	43.0#

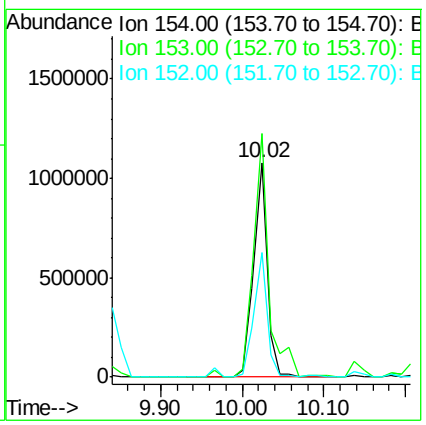


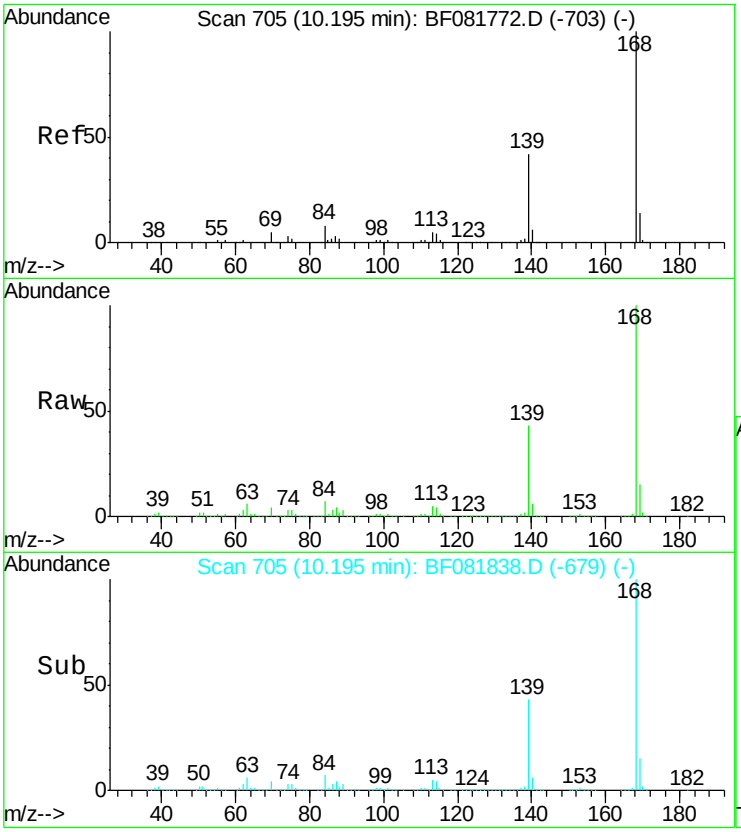


#51
Acenaphthene
Concen: 97.83 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:154 Resp: 1252911

Ion	Ratio	Lower	Upper
154	100		
153	113.6	82.1	123.1
152	57.9	37.9	56.9#



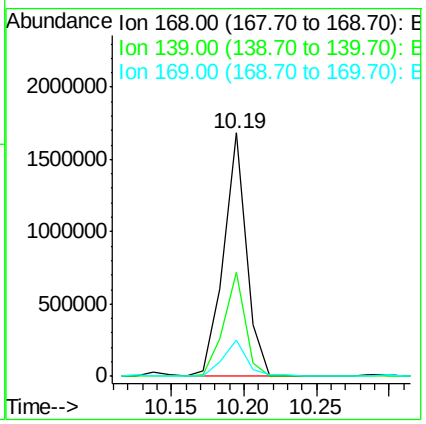


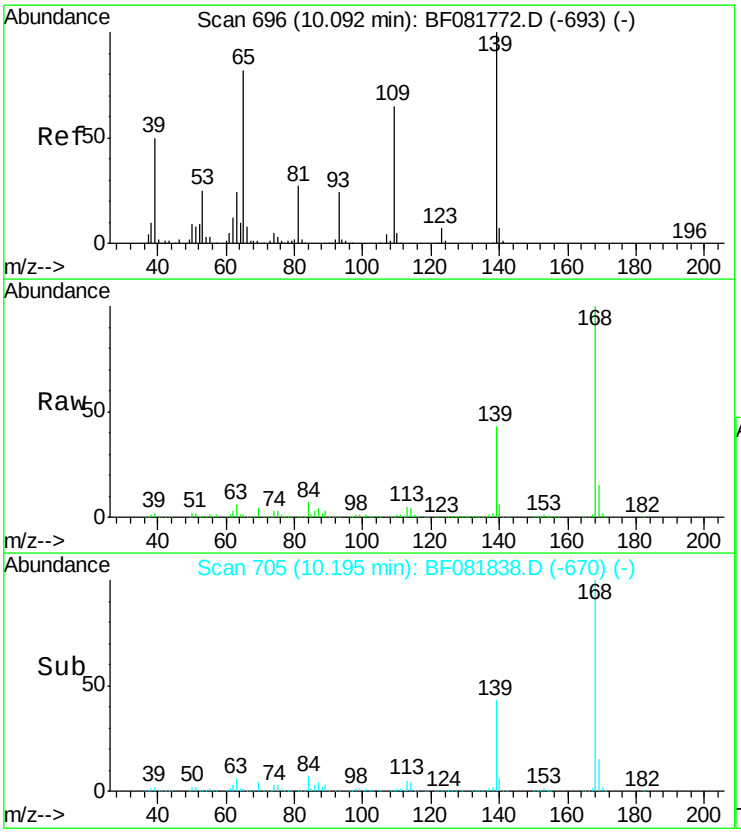
#54
Dibenzofuran
Concen: 98.02 ng
RT: 10.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:168 Resp: 1841506

Ion	Ratio	Lower	Upper
168	100		
139	42.5	24.2	36.2#
169	15.0	10.6	15.8

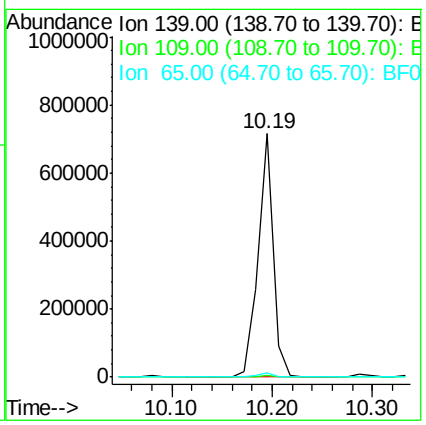


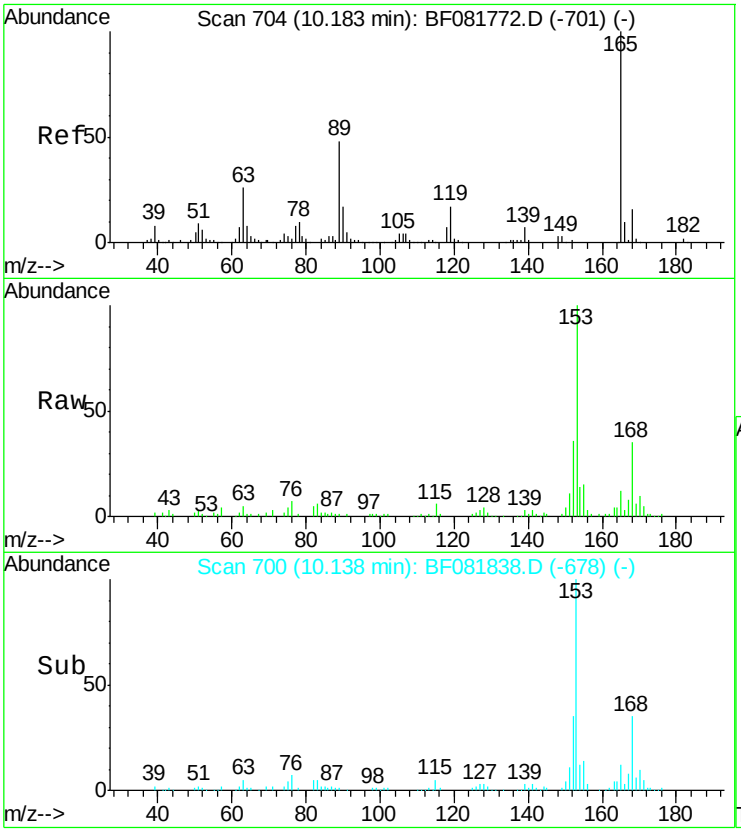


#55
4-Nitrophenol
Concen: 325.23 ng
RT: 10.19 min Scan# 705
Delta R.T. 0.10 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:139 Resp: 745944

Ion	Ratio	Lower	Upper
139	100		
109	0.8	12.7	52.7#
65	1.6	45.9	85.9#



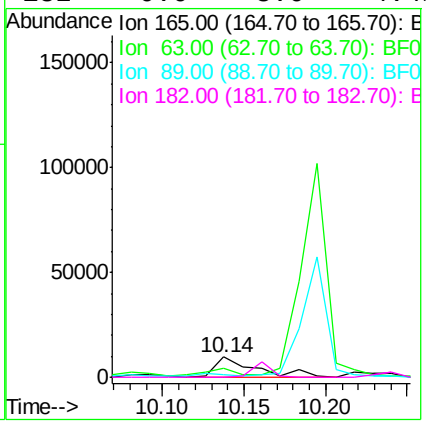


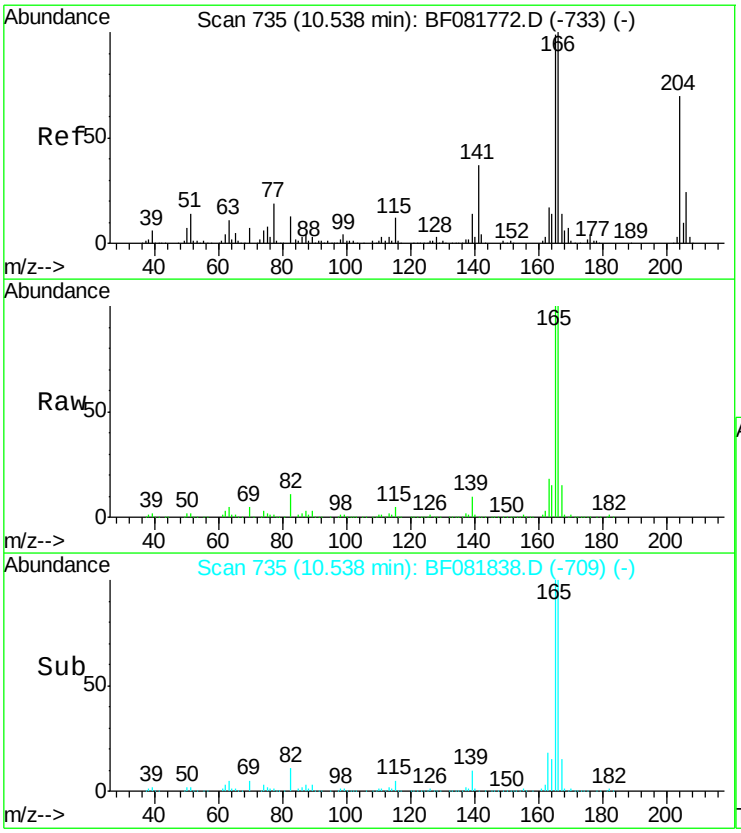
#56
2,4-Dinitrotoluene
Concen: 4.66 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:165 Resp: 17112

Ion	Ratio	Lower	Upper
165	100		
63	42.1	29.8	44.6
89	12.1	44.5	66.7#
182	0.0	3.0	4.4#

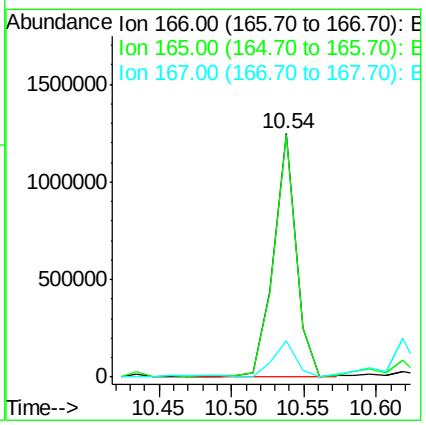


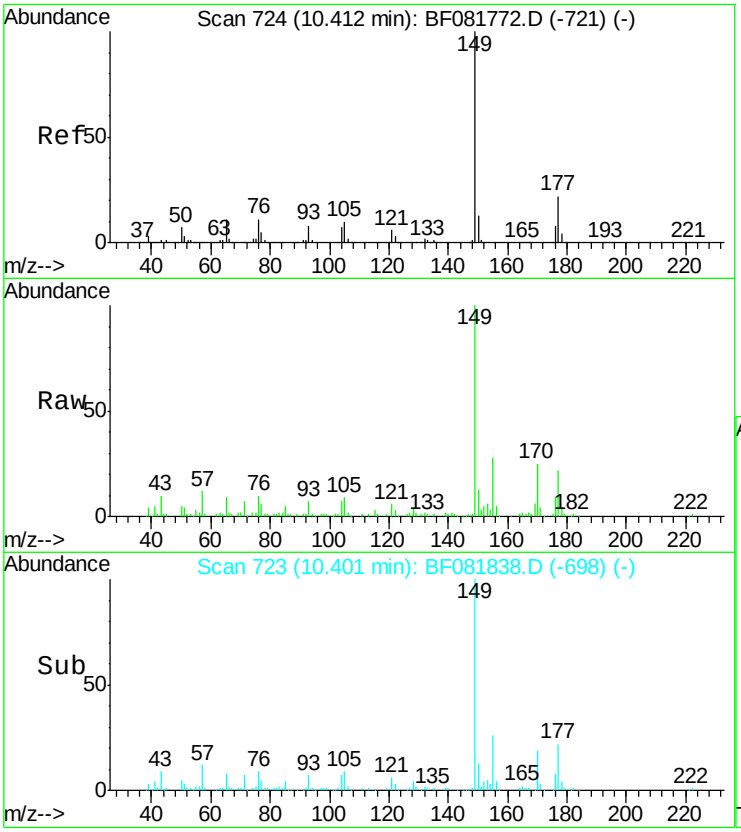


#57
Fluorene
Concen: 93.79 ng
RT: 10.54 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:166 Resp: 1352151

Ion	Ratio	Lower	Upper
166	100		
165	99.7	72.6	109.0
167	15.1	10.6	16.0



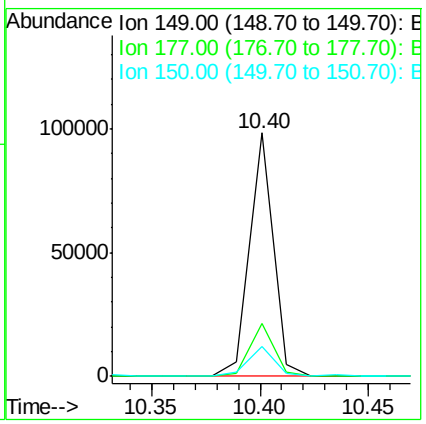


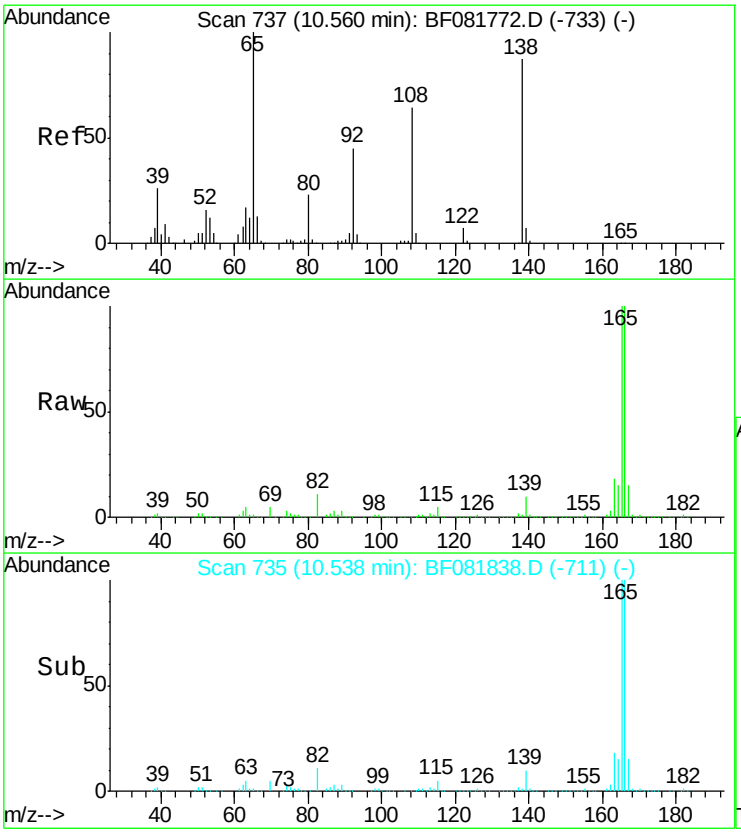
#59
Diethylphthalate
Concen: 4.86 ng
RT: 10.40 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:149 Resp: 74726

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.5	26.3
150	12.5	9.4	14.2

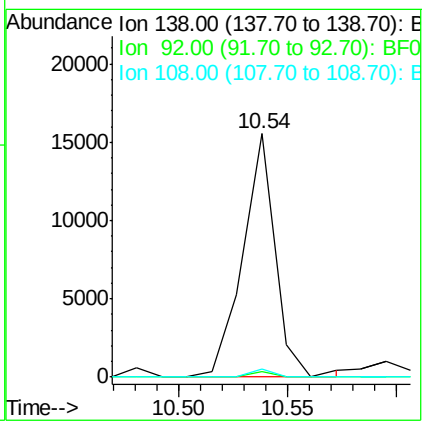


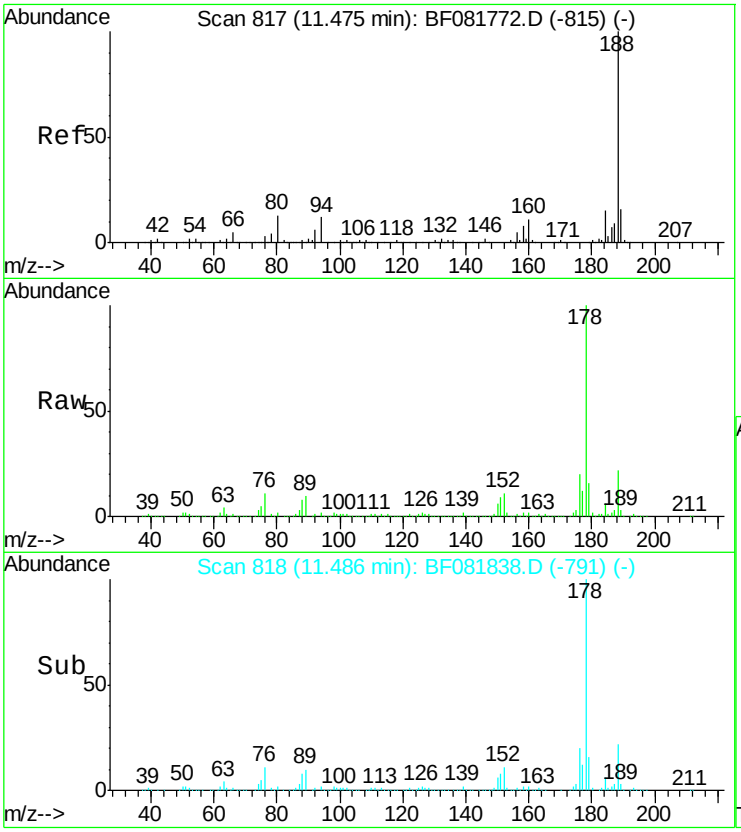


#61
4-Nitroaniline
Concen: 5.02 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:138 Resp: 16231

Ion	Ratio	Lower	Upper
138	100		
92	2.4	12.6	52.6#
108	3.5	12.4	52.4#



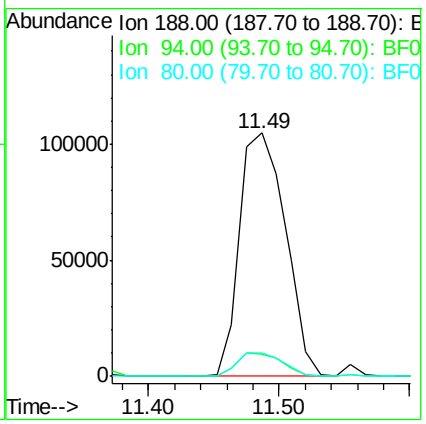


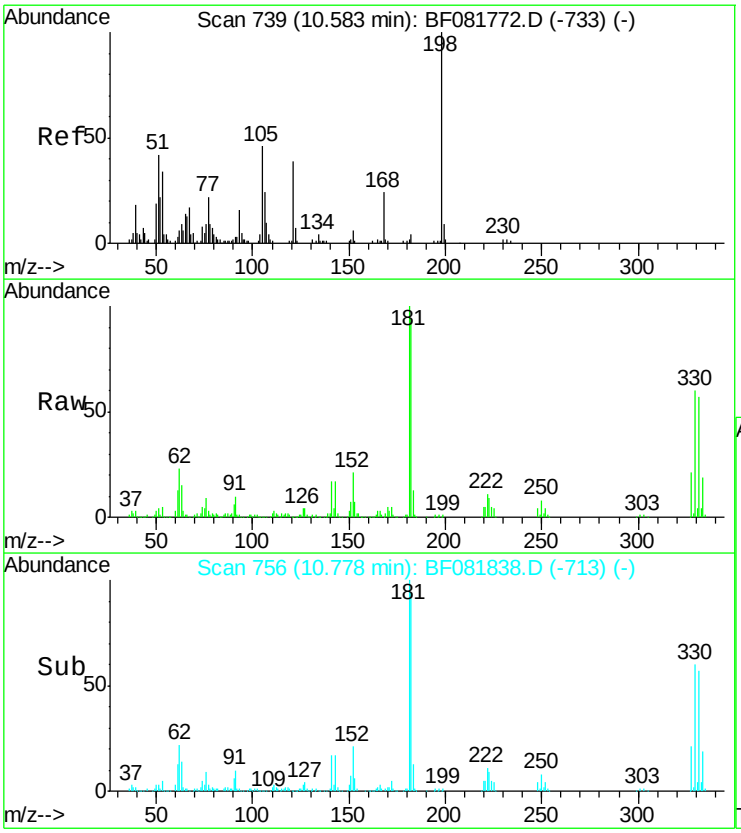
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:188 Resp: 257279

Ion	Ratio	Lower	Upper
188	100		
94	9.2	11.1	16.7#
80	9.8	11.0	16.4#

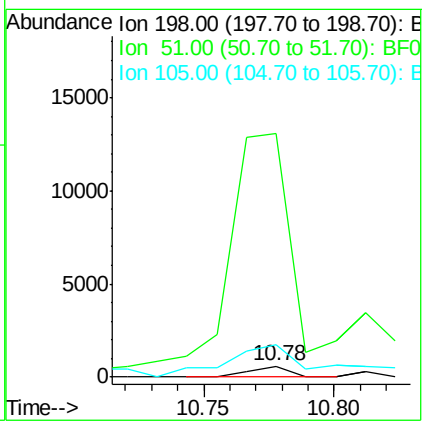


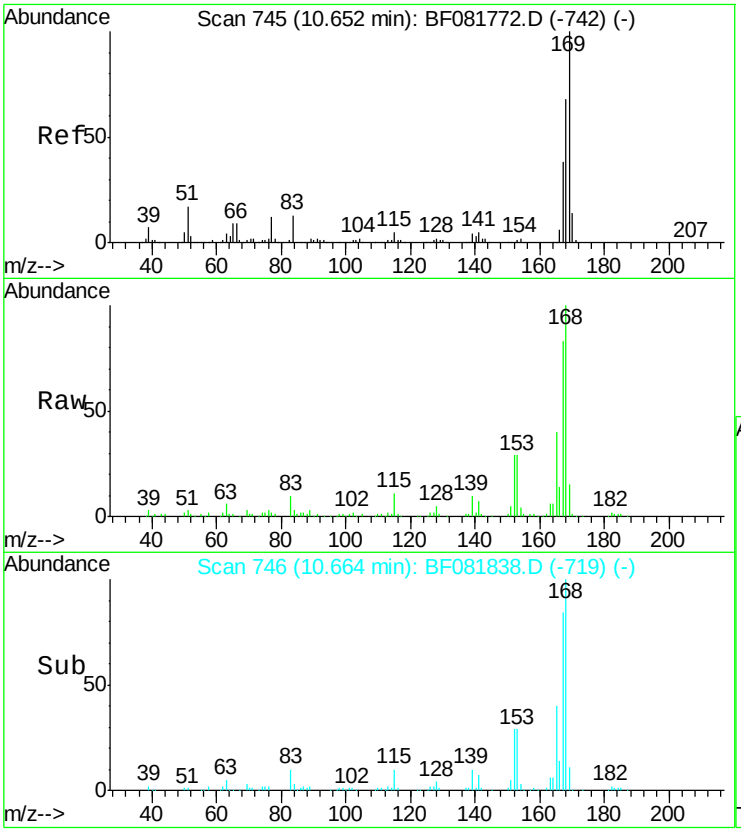


#64
4,6-Dinitro-2-methylphenol
Concen: 9.13 ng
RT: 10.78 min Scan# 756
Delta R.T. 0.19 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:198 Resp: 633

Ion	Ratio	Lower	Upper
198	100		
51	2193.5	39.6	79.6#
105	297.7	28.5	68.5#



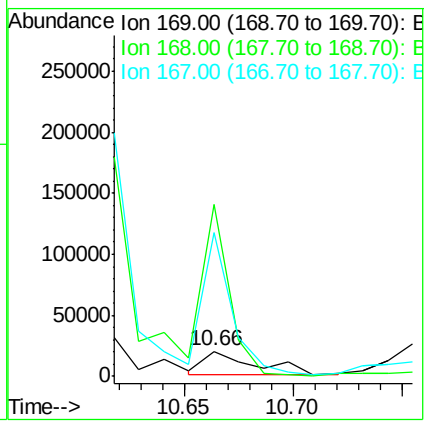


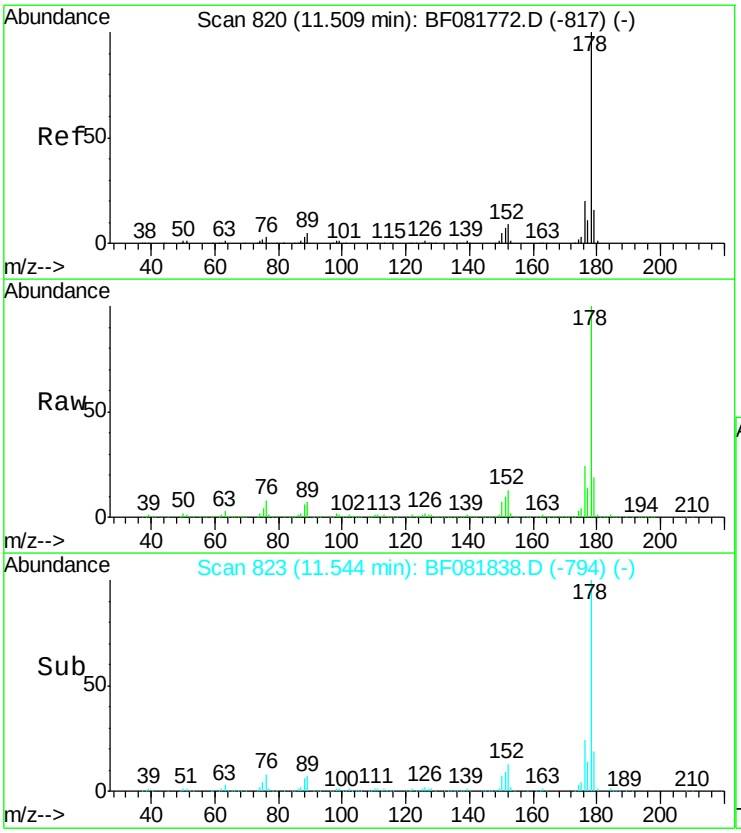
#65
n-Nitrosodiphenylamine
Concen: 3.88 ng
RT: 10.66 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:169 Resp: 33628

Ion	Ratio	Lower	Upper
169	100		
168	684.6	48.9	73.3#
167	571.0	26.2	39.4#

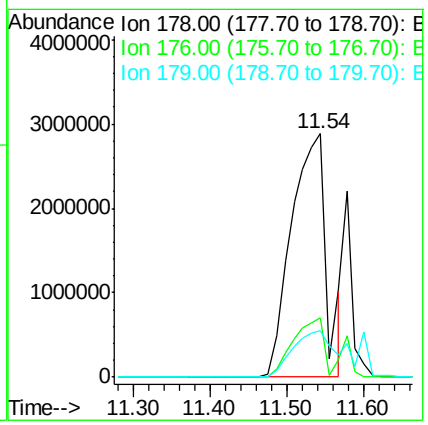


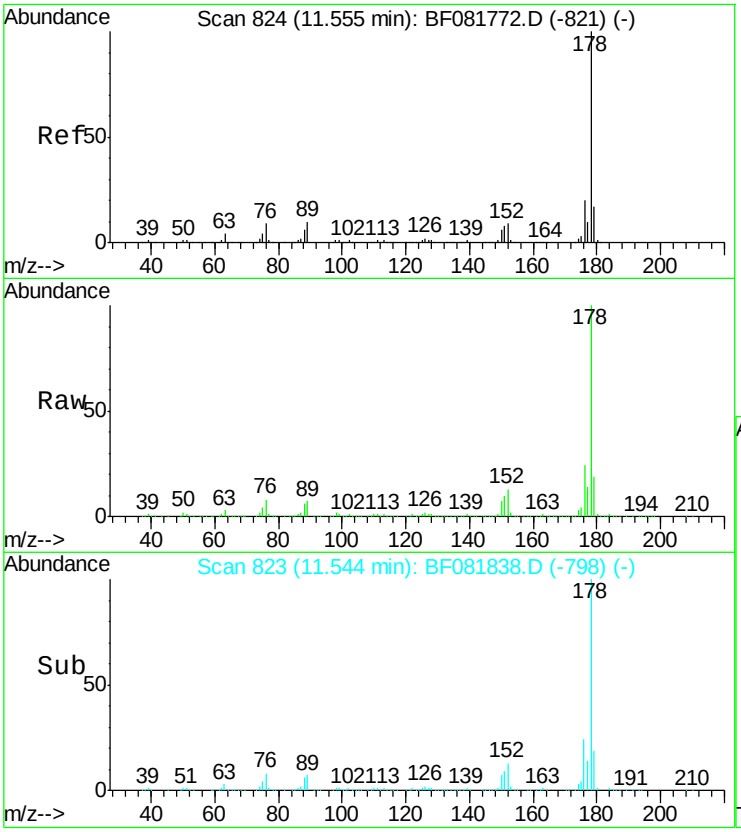


#70
Phenanthrene
Concen: 620.69 ng
RT: 11.54 min Scan# 823
Delta R.T. 0.03 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:178 Resp: 9129841

Ion	Ratio	Lower	Upper
178	100		
176	24.3	13.8	20.8#
179	19.3	12.2	18.2#



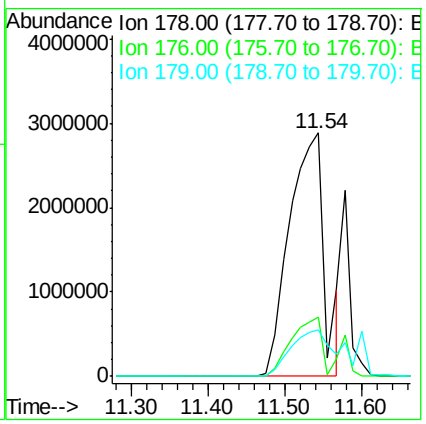


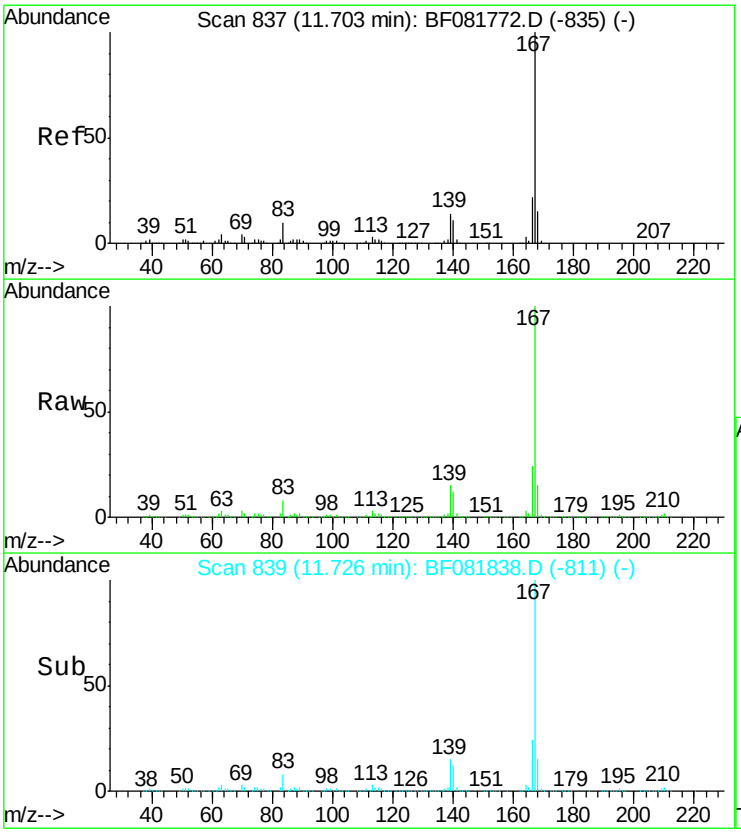
#71
Anthracene
Concen: 644.14 ng
RT: 11.54 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:178 Resp: 9129841

Ion	Ratio	Lower	Upper
178	100		
176	24.3	14.1	21.1#
179	19.3	12.2	18.2#

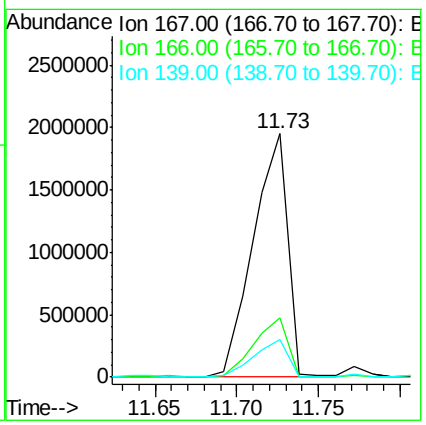


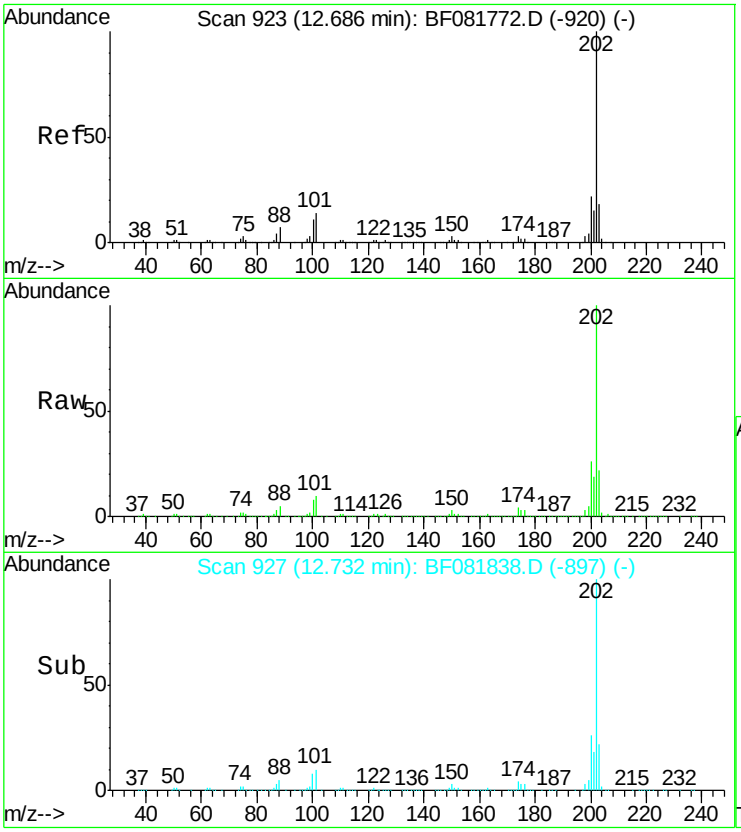


#72
Carbazole
Concen: 216.42 ng
RT: 11.73 min Scan# 839
Delta R.T. 0.02 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:167 Resp: 2847665

Ion	Ratio	Lower	Upper
167	100		
166	24.5	15.7	23.5#
139	15.3	9.5	14.3#



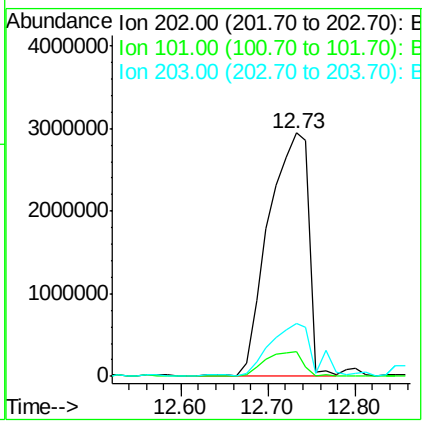


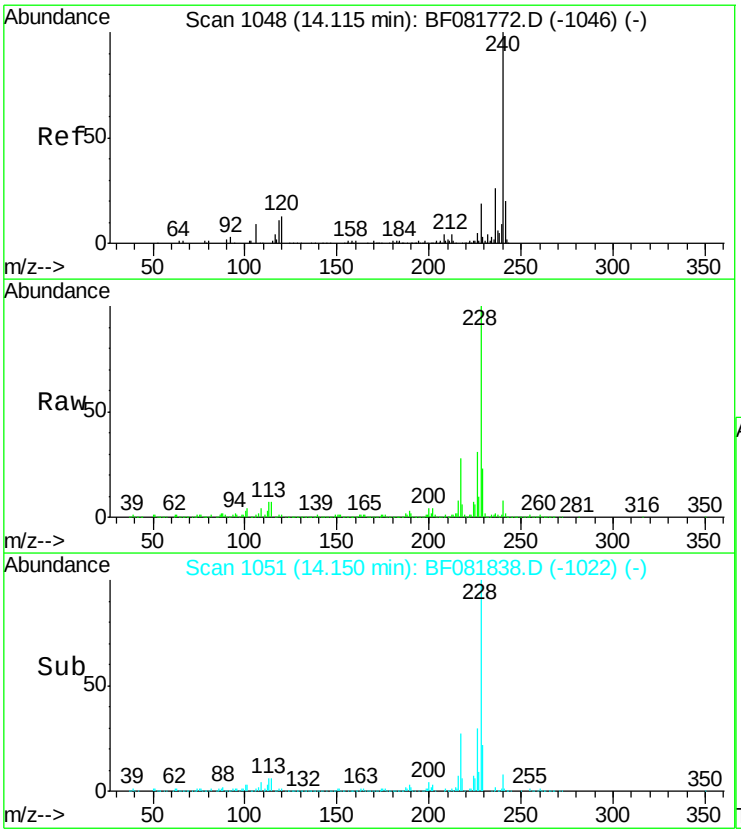
#74
Fluoranthene
Concen: 634.74 ng
RT: 12.73 min Scan# 927
Delta R.T. 0.05 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:202 Resp: 9407962

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	38.3
203	21.9	0.0	37.3

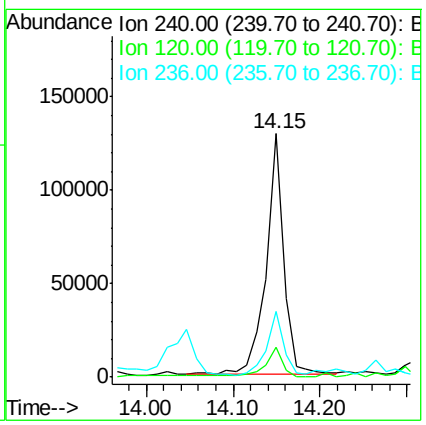


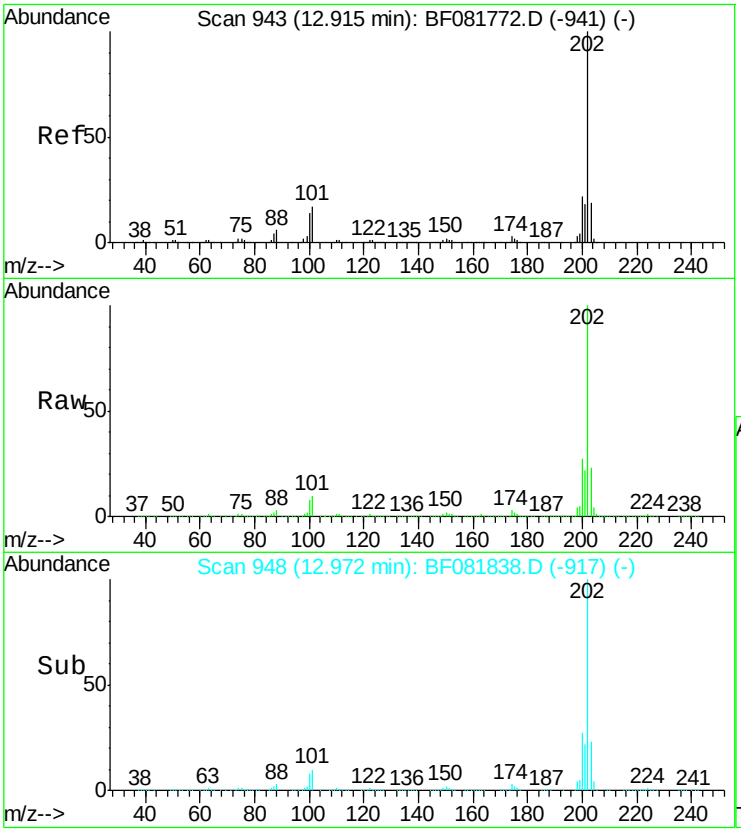


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1051
Delta R.T. 0.03 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:240 Resp: 182005

Ion	Ratio	Lower	Upper
240	100		
120	12.4	16.2	24.2#
236	27.2	18.4	27.6



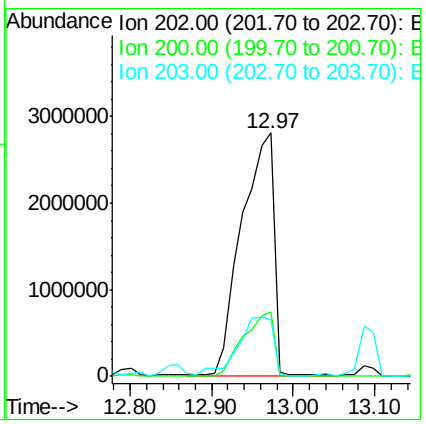


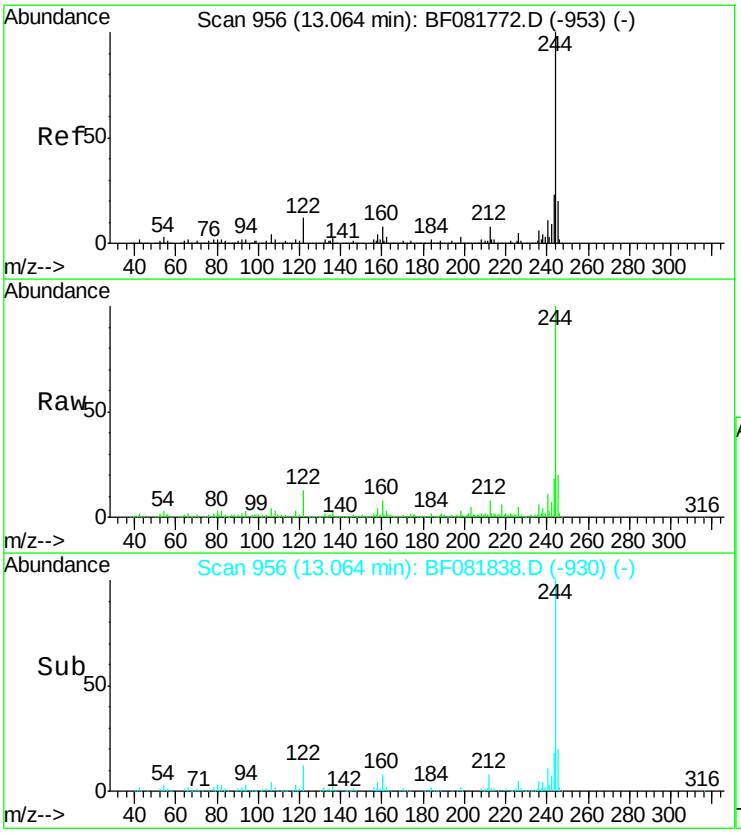
#77
Pyrene
Concen: 561.29 ng
RT: 12.97 min Scan# 948
Delta R.T. 0.06 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:202 Resp: 7701907

Ion	Ratio	Lower	Upper
202	100		
200	26.7	15.0	22.4#
203	23.1	14.1	21.1#

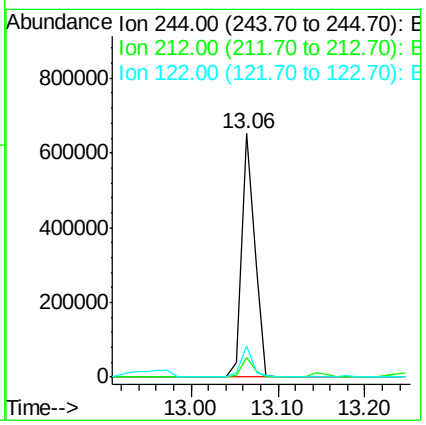


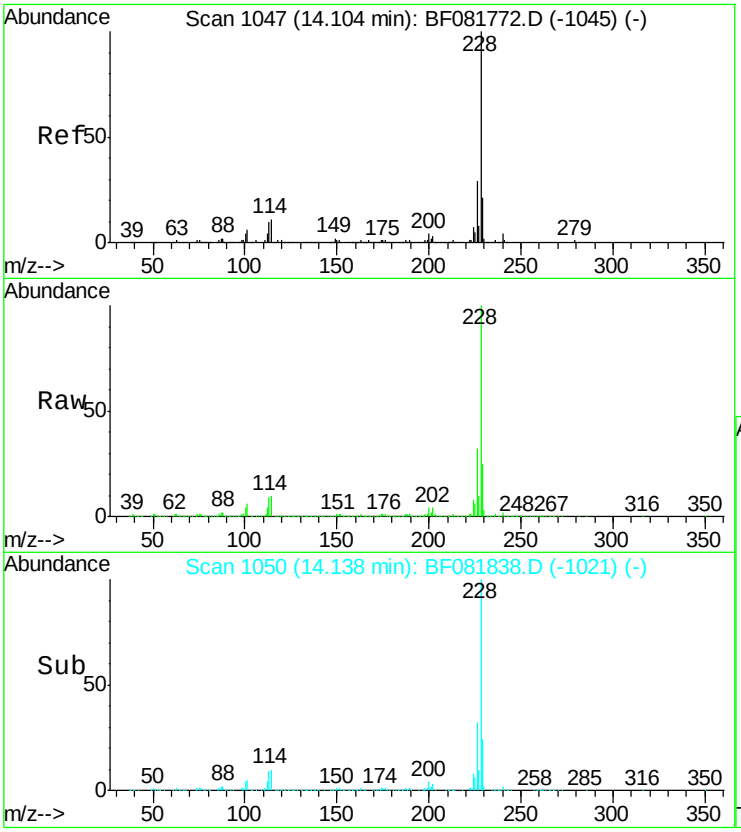


#78
Terphenyl-d14
Concen: 84.54 ng
RT: 13.06 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:244 Resp: 673573

Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	12.6	17.4	26.2#



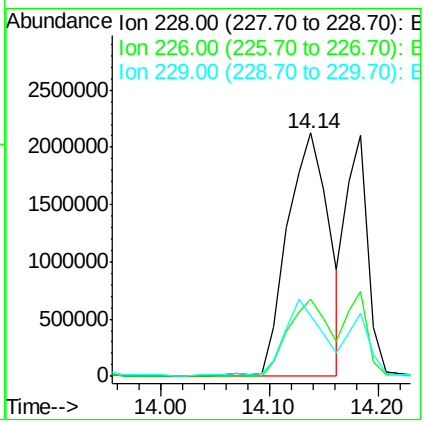


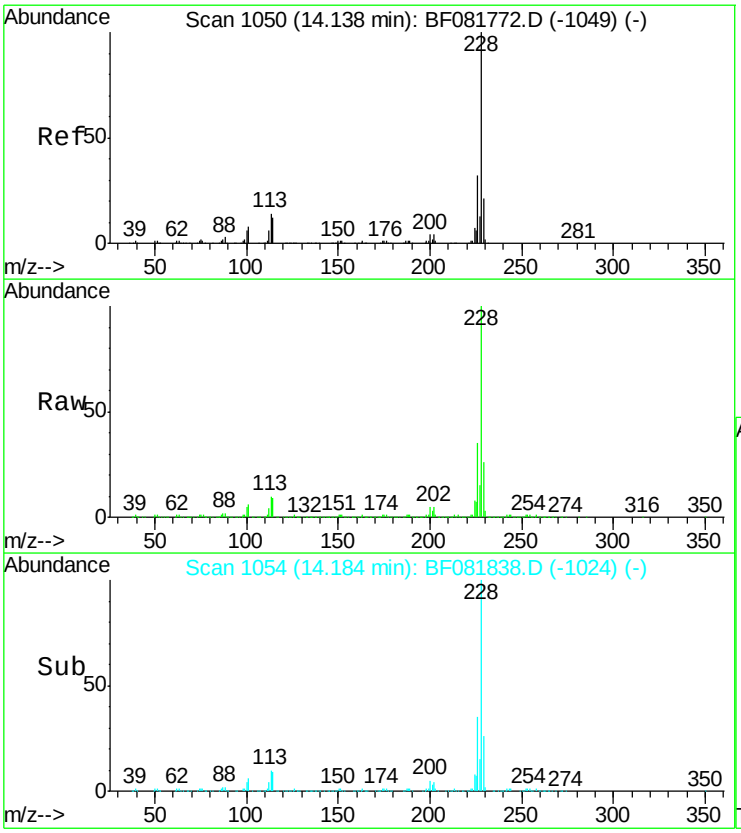
#80
Benzo(a)anthracene
Concen: 512.08 ng
RT: 14.14 min Scan# 1050
Delta R.T. 0.03 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:228 Resp: 5651419

Ion	Ratio	Lower	Upper
228	100		
226	31.9	20.0	30.0#
229	24.6	15.4	23.2#

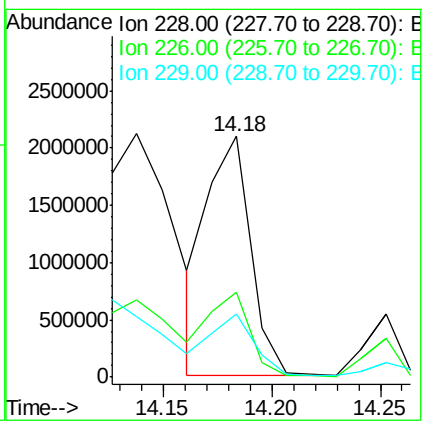


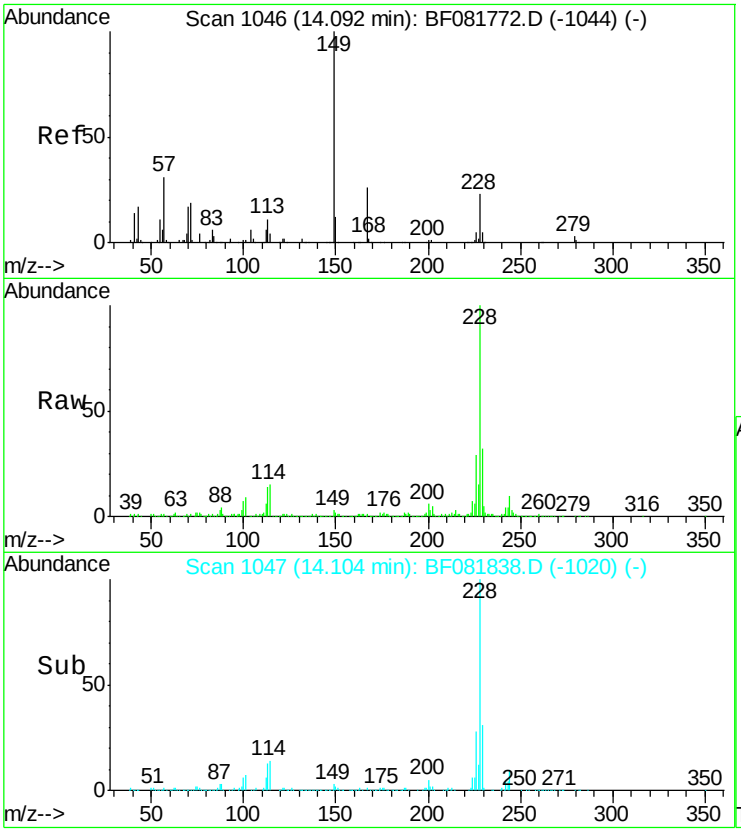


#82
Chrysene
Concen: 273.96 ng
RT: 14.18 min Scan# 1054
Delta R.T. 0.05 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:228 Resp: 2899682

Ion	Ratio	Lower	Upper
228	100		
226	35.5	21.0	31.4#
229	26.2	15.6	23.4#



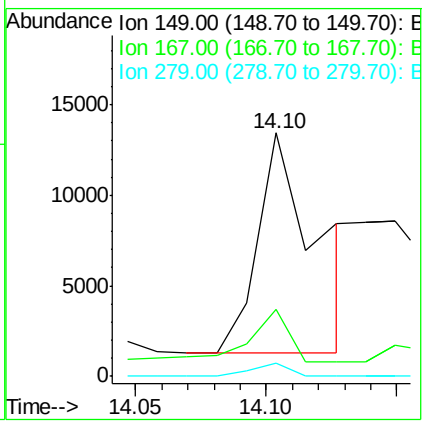


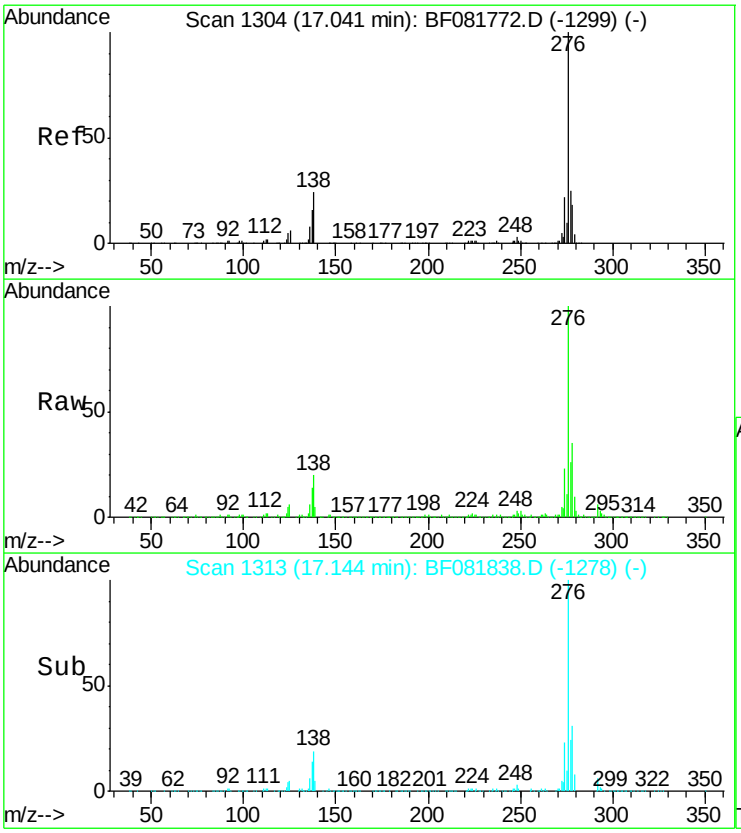
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.85 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:149 Resp: 18904

Ion	Ratio	Lower	Upper
149	100		
167	27.8	24.2	36.2
279	5.5	3.8	5.6

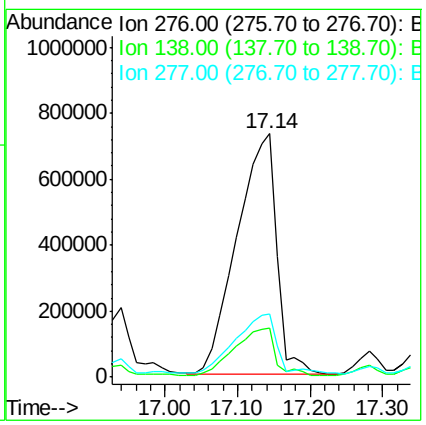


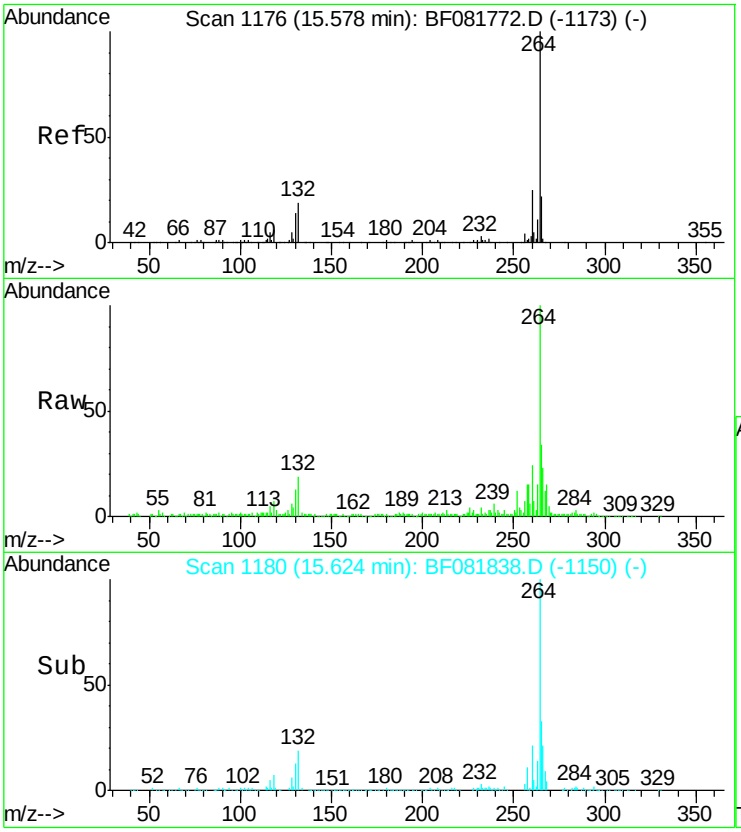


#85
Indeno(1,2,3-cd)pyrene
Concen: 290.31 ng
RT: 17.14 min Scan# 1313
Delta R.T. 0.10 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:276 Resp: 2813082

Ion	Ratio	Lower	Upper
276	100		
138	20.7	25.7	38.5#
277	24.1	15.6	23.4#



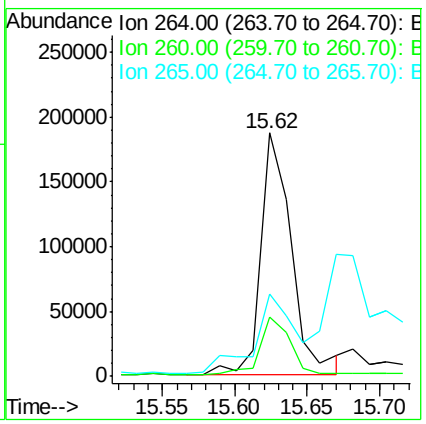


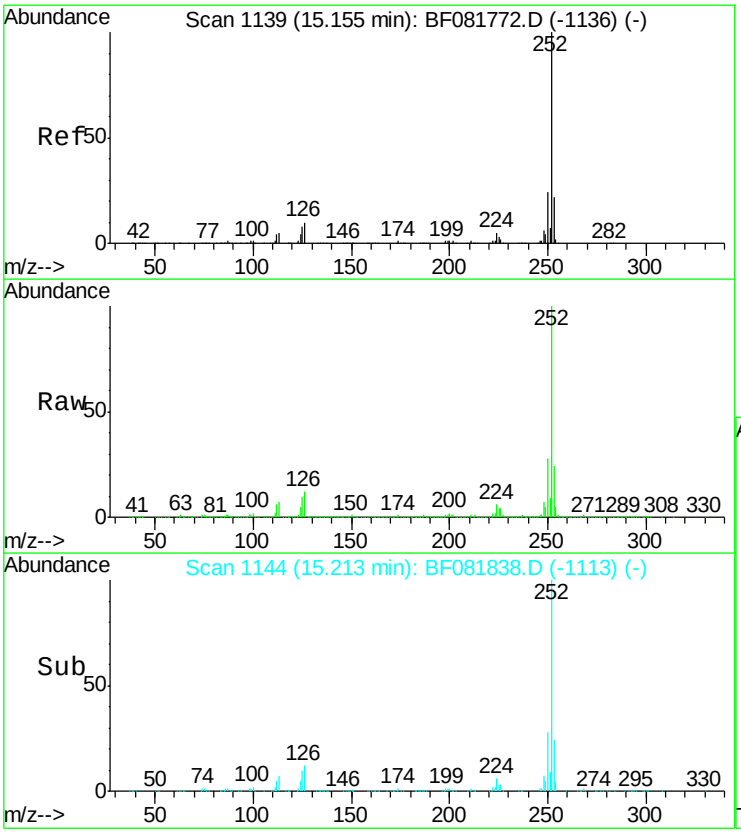
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1180
Delta R.T. 0.05 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:264 Resp: 275229

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	33.9	17.2	25.8#

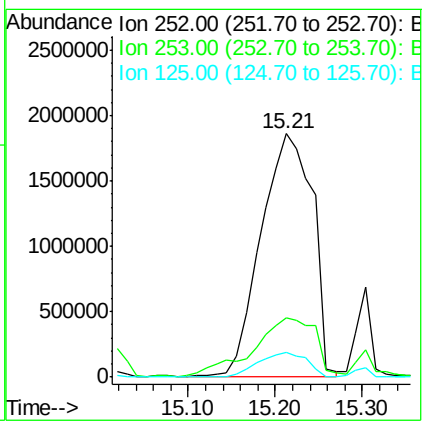


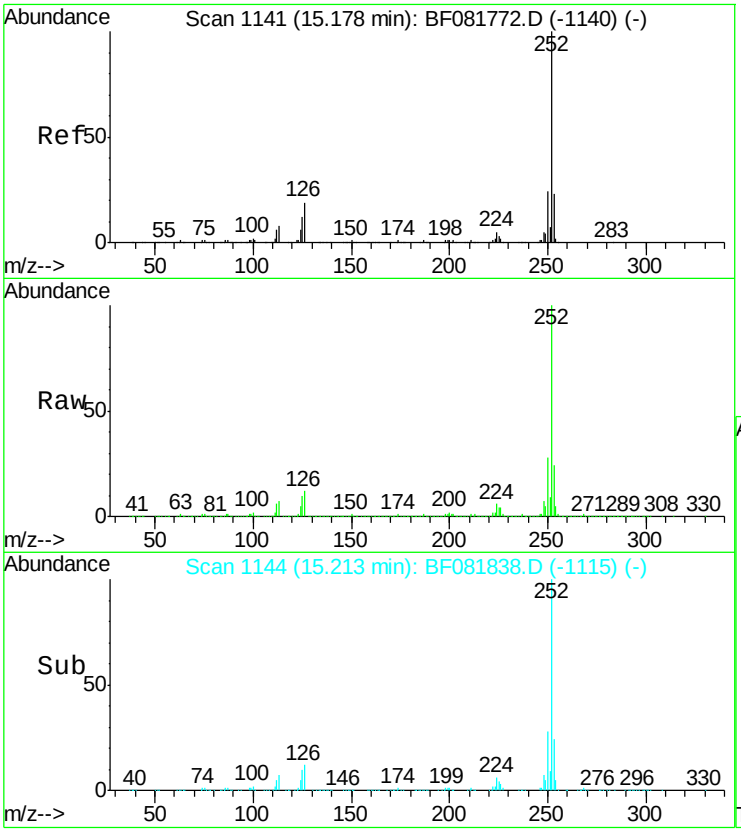


#87
Benzo(b)fluoranthene
Concen: 465.83 ng
RT: 15.21 min Scan# 1144
Delta R.T. 0.06 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:252 Resp: 7603027

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	10.0	17.1	25.7#



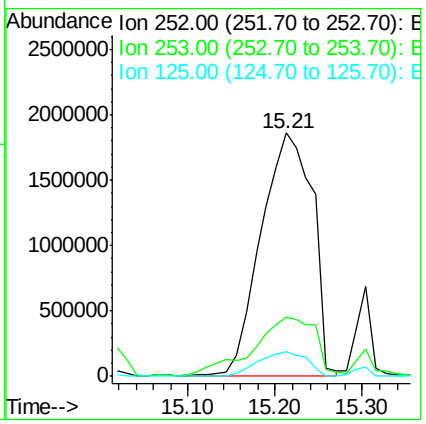


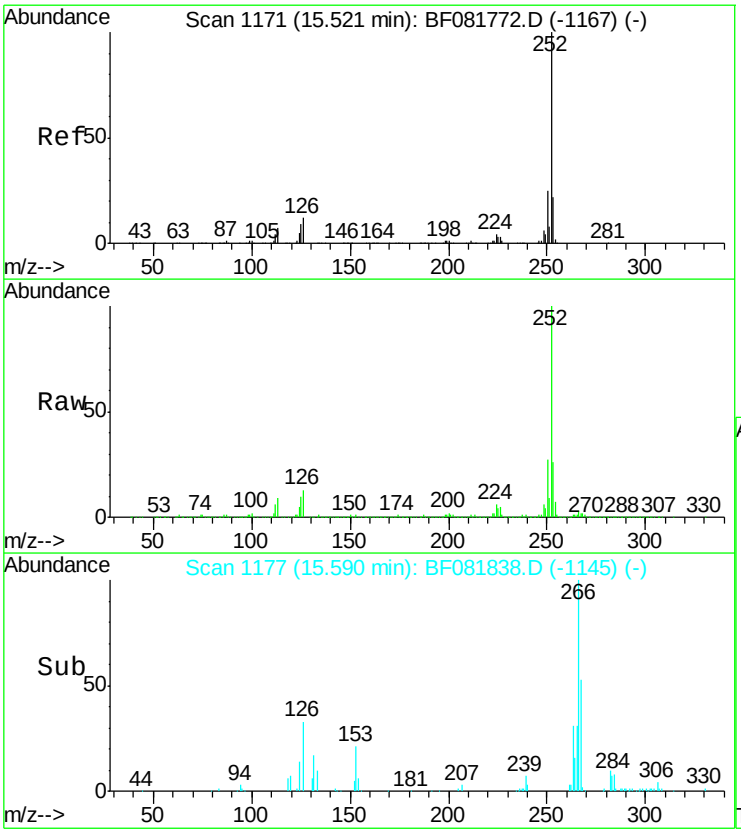
#88
Benzo(k)fluoranthene
Concen: 483.61 ng
RT: 15.21 min Scan# 1144
Delta R.T. 0.03 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:252 Resp: 7603027

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.4
125	10.0	16.0	24.0#

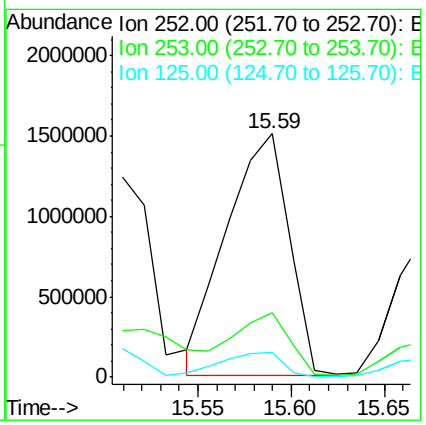


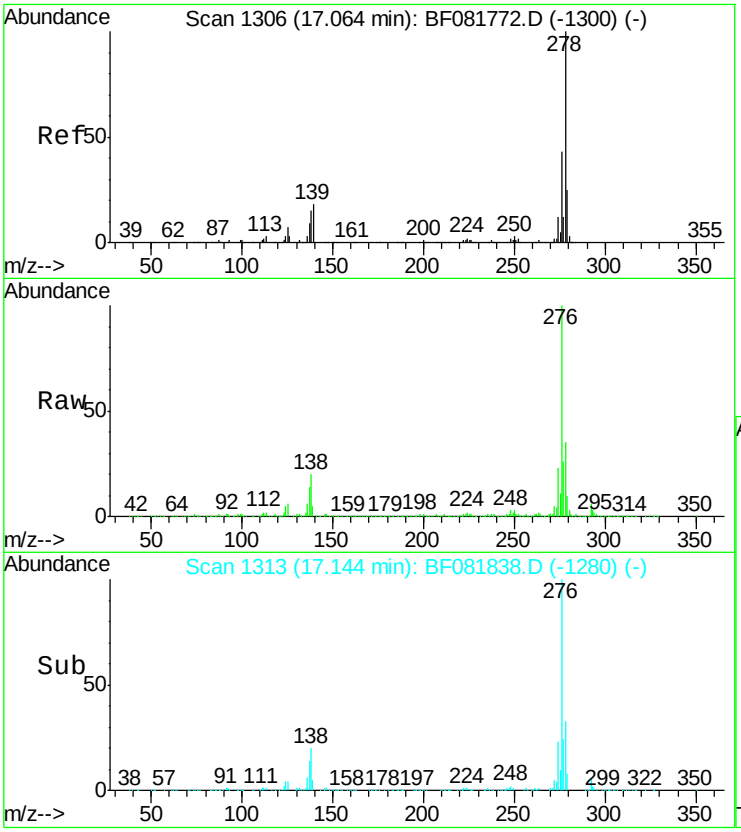


#89
Benzo(a)pyrene
Concen: 240.06 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.07 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:252 Resp: 3537584

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.2	25.8#
125	10.1	18.0	27.0#



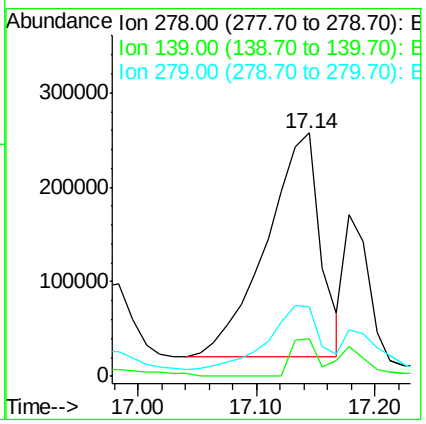


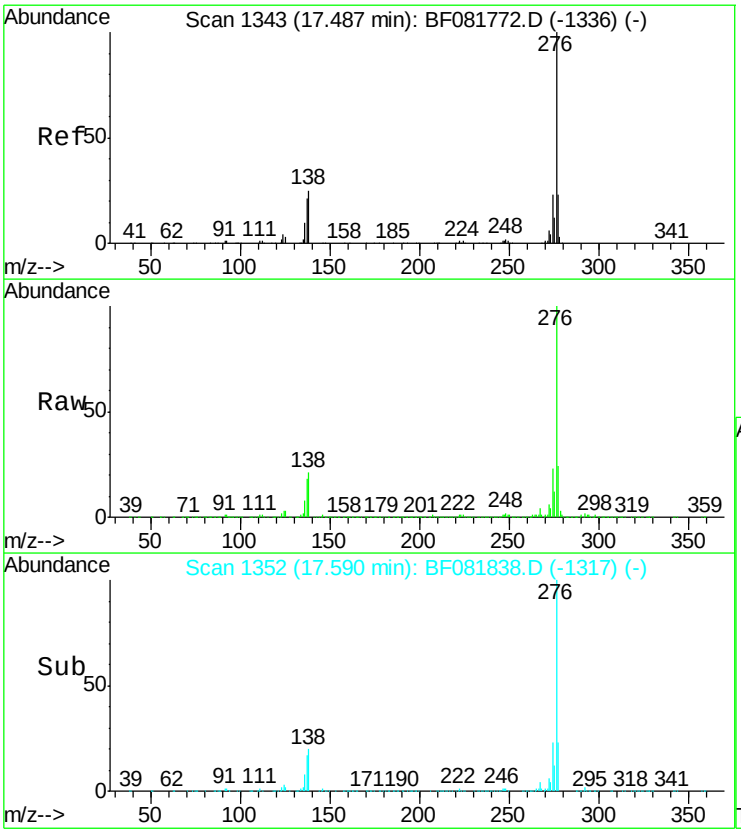
#90
Dibenzo(a,h)anthracene
Concen: 49.21 ng
RT: 17.14 min Scan# 1313
Delta R.T. 0.08 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Instrument :
BNA_F
ClientSampleId :
S2-20

Tgt Ion:278 Resp: 755728

Ion	Ratio	Lower	Upper
278	100		
139	15.6	26.3	39.5#
279	28.7	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 156.87 ng
RT: 17.59 min Scan# 1352
Delta R.T. 0.10 min
Lab File: BF081838.D
Acq: 26 Sep 2015 20:27

Tgt Ion:276 Resp: 2483669

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.8	26.6
138	21.0	34.6	51.8#