Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081837.D
Acq On : 26 Sep 2015 19:57
Operator : UM/IZ
Sample : G3779-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2-10

Quant Time: Sep 28 08:03:04 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	108039	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	410794	20.00	ng		-0.01
38) Acenaphthene-d10	9.98	164	185198	20.00	ng		-0.02
63) Phenanthrene-d10	11.47	188	326517	20.00	ng		0.00
75) Chrysene-d12	14.12	240	231627	20.00	ng		0.00
86) Perylene-d12	15.59	264	264571	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	795075	124.50	ng		0.00
7) Phenol-d6	6.56	99	994928	123.17	ng		-0.01
23) Nitrobenzene-d5	7.51	82	747899	120.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	226650	140.96	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	1014815	89.95	ng		-0.01
78) Terphenyl-d14	13.05	244	715639	70.58	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.25	128	482466	25.46	ng		99
37) 2-Methylnaphthalene	8.94	142	96646	7.16	ng	#	91
45) 1,1'-Biphenyl	9.41	154	39754	2.75	ng		96
48) Acenaphthylene	9.84	152	63195	3.21	ng		98
49) Dimethylphthalate	9.69	163	302091	21.44	ng	#	97
51) Acenaphthene	10.01	154	203898	17.95	ng		90
54) Dibenzofuran	10.18	168	267226	16.04	ng	#	88
57) Fluorene	10.53	166	226790	17.73	ng		92
59) Diethylphthalate	10.40	149	90663	6.64	ng		97
70) Phenanthrene	11.50	178	2271350m	121.67	ng		
71) Anthracene	11.54	178	659576m	36.67	ng		
72) Carbazole	11.70	167	455776	27.29	ng		96
74) Fluoranthene	12.70	202	2336761	124.23	ng		87
77) Pyrene	12.93	202	1924714	110.22	ng	#	94
80) Benzo(a)anthracene	14.10	228	1097257	78.12	ng		93
82) Chrysene	14.15	228	761542	56.54	ng		91
85) Indeno(1,2,3-cd)pyrene	17.05	276	519814	42.15	ng	#	81
87) Benzo(b)fluoranthene	15.17	252	1218909m	77.69	ng		
88) Benzo(k)fluoranthene	15.19	252	404918m	26.79	ng		
89) Benzo(a)pyrene	15.53	252	785482	55.45	ng	#	84
90) Dibenzo(a,h)anthracene	17.06	278	113719	7.70	ng	#	62
91) Benzo(g,h,i)perylene	17.51	276	462225	30.37	ng	#	74

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

Quantitation Report (LSC Reviewed)

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Misc :
ALS Vial : 51 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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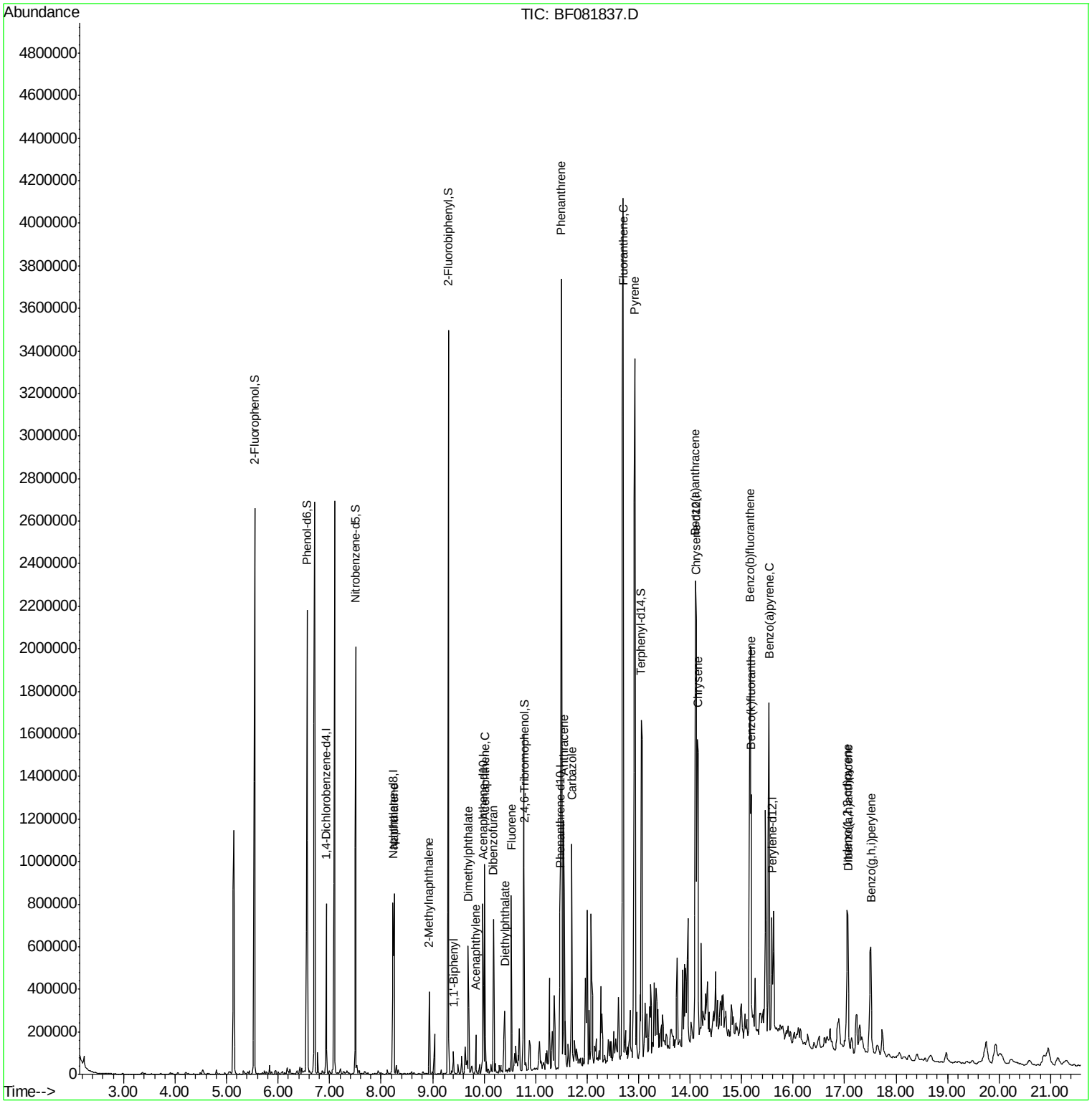
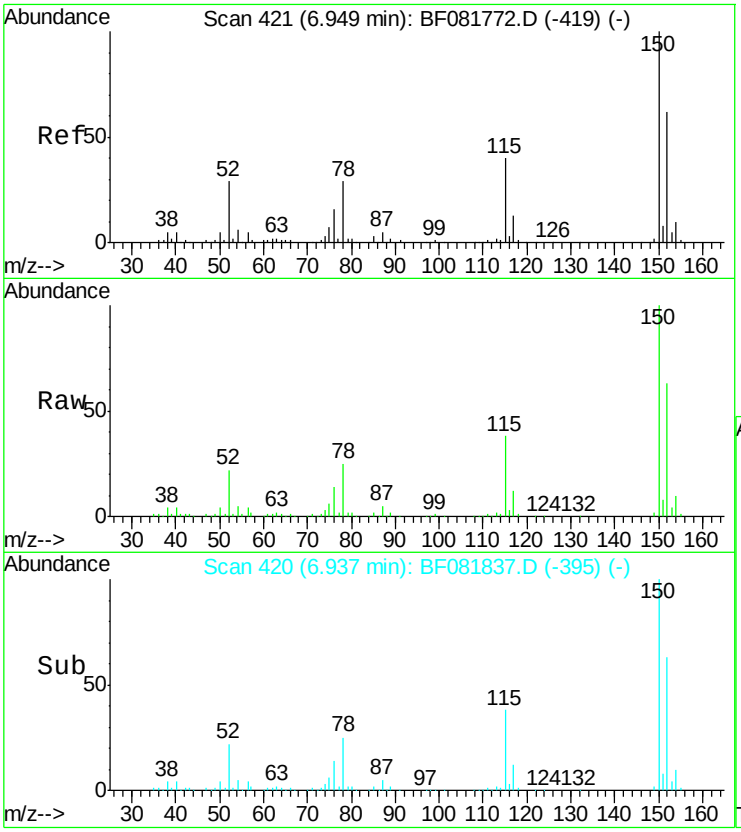


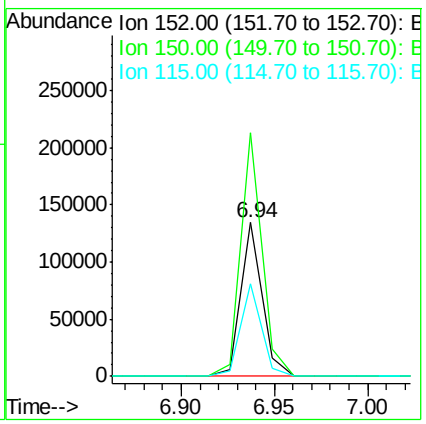


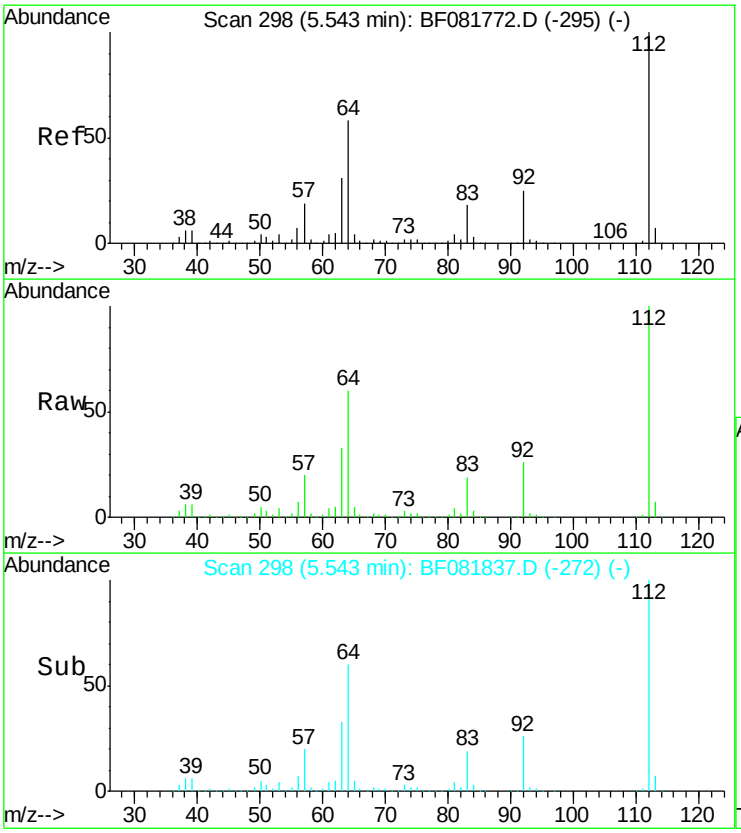
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:152 Resp: 108039

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.7	187.1
115	60.5	39.0	58.4#

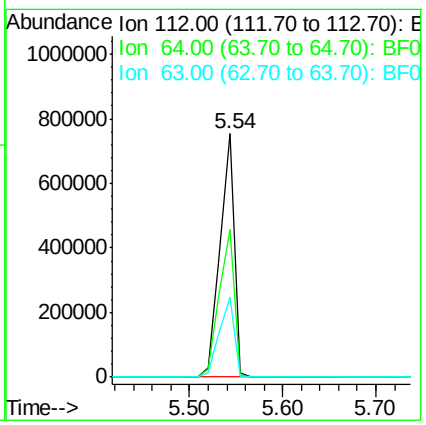


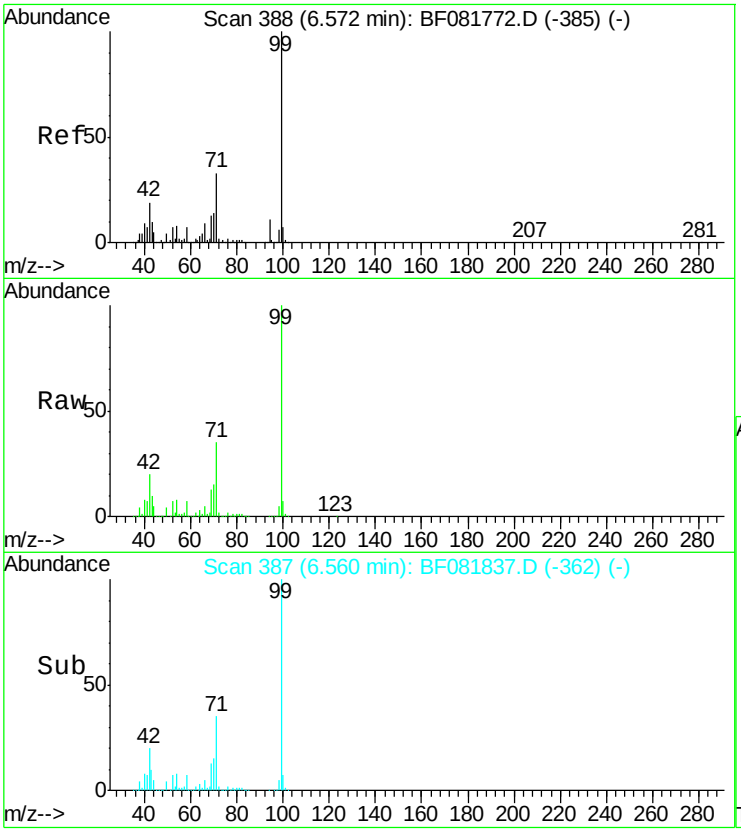


#5
2-Fluorophenol
Concen: 124.50 ng
RT: 5.54 min Scan# 298
Delta R.T. -0.00 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:112 Resp: 795075

Ion	Ratio	Lower	Upper
112	100		
64	60.4	39.7	59.5#
63	32.5	17.4	26.0#



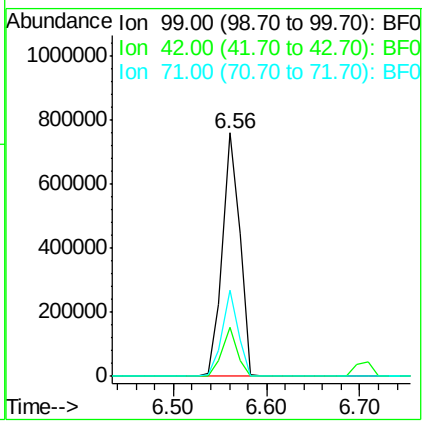


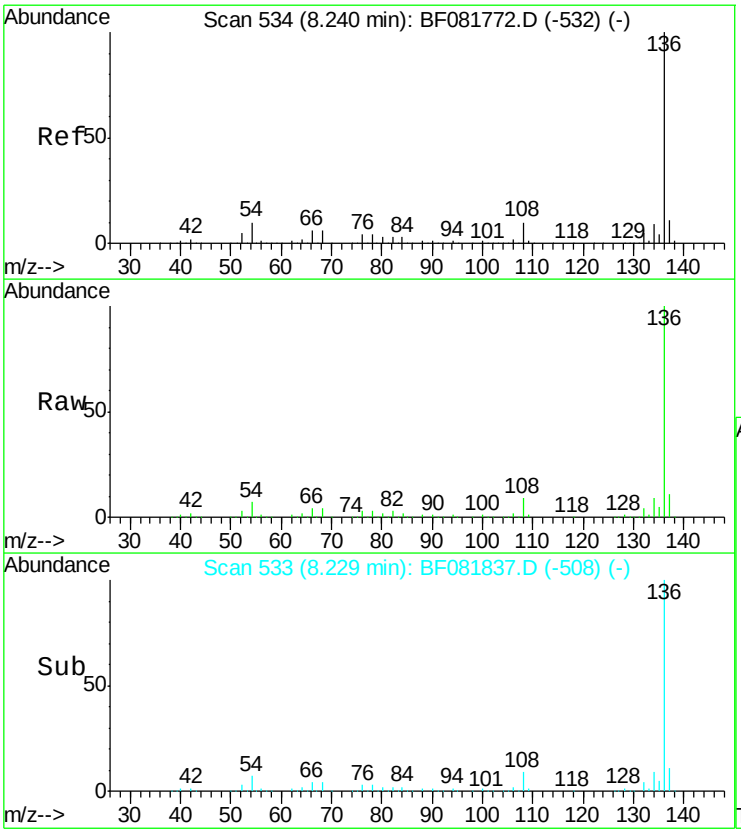
#7
Phenol-d6
Concen: 123.17 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion: 99 Resp: 994928

Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.7	20.5
71	35.3	14.2	21.2#

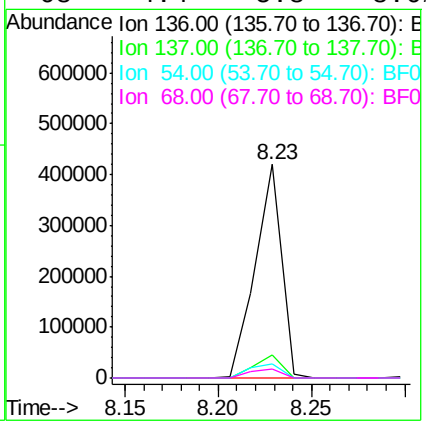


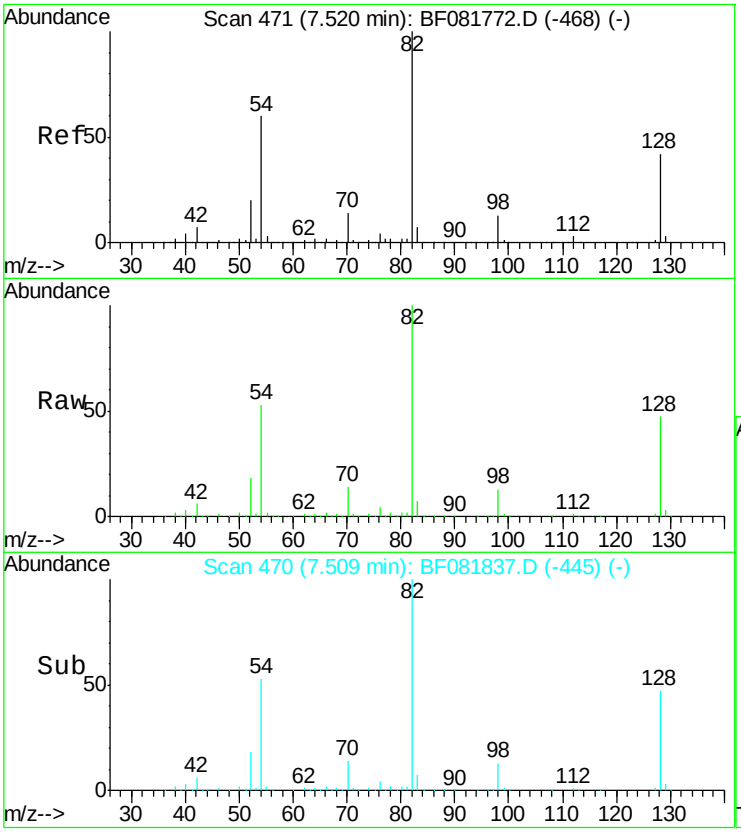


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:136 Resp: 410794

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.7	8.2	12.2#
68	4.4	5.8	8.6#



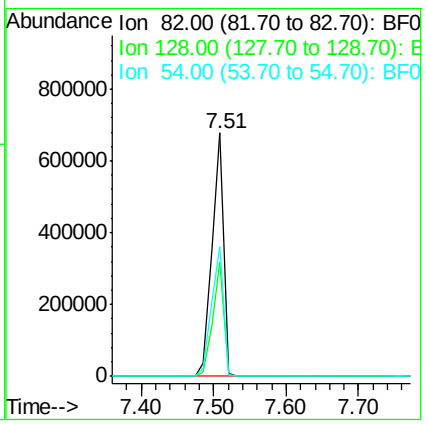


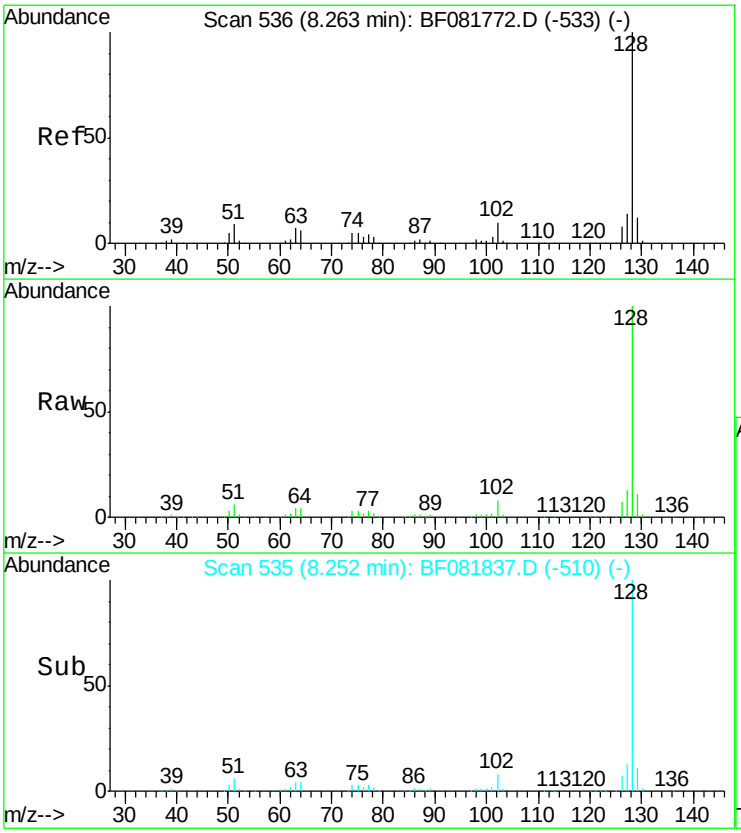
#23
Nitrobenzene-d5
Concen: 120.12 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion: 82 Resp: 747899

Ion	Ratio	Lower	Upper
82	100		
128	46.7	51.0	76.6#
54	53.1	47.5	71.3

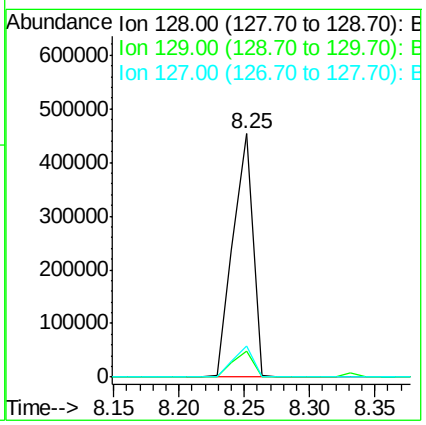


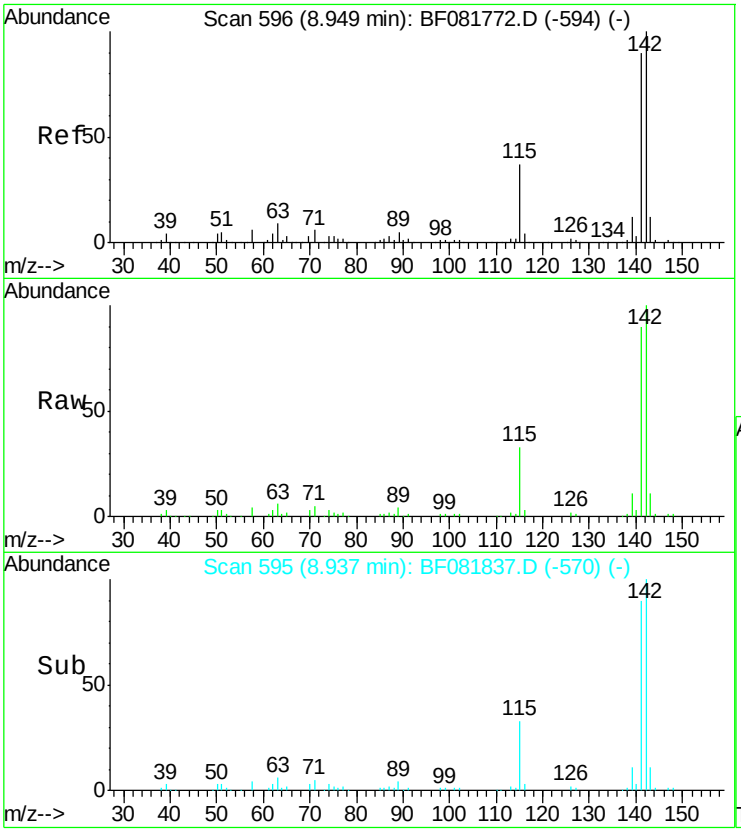


#31
Naphthalene
Concen: 25.46 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:128 Resp: 482466

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.4	12.6
127	13.0	9.9	14.9



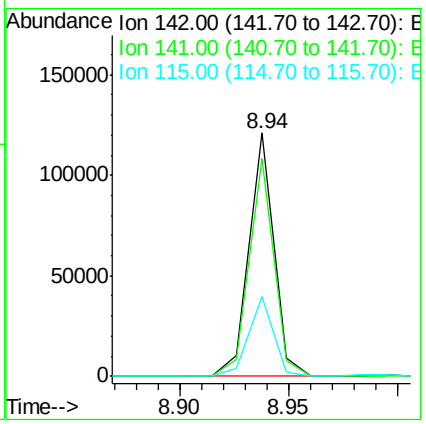


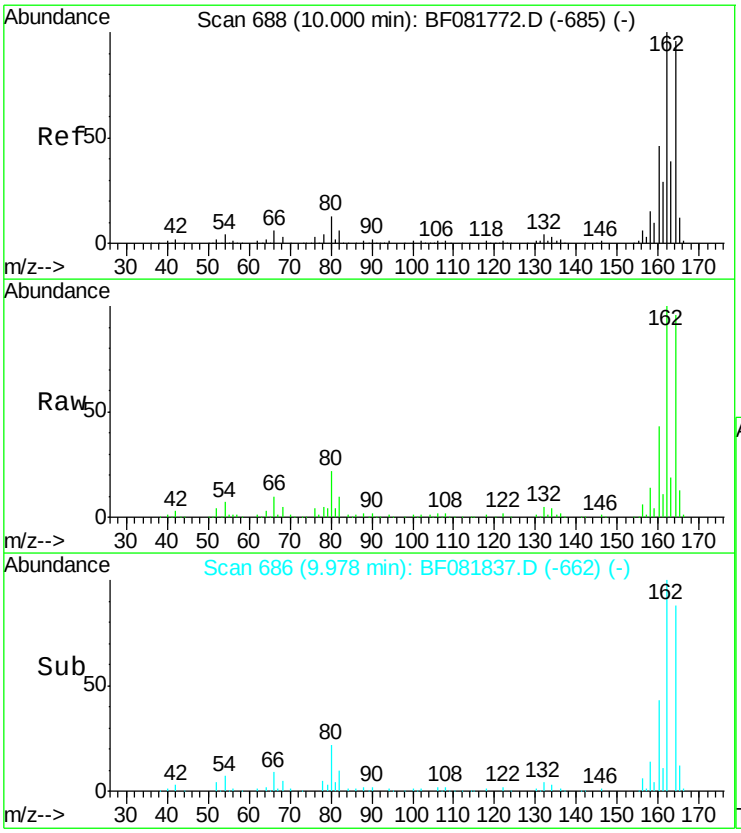
#37
2-Methylnaphthalene
Concen: 7.16 ng
RT: 8.94 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:142 Resp: 96646

Ion	Ratio	Lower	Upper
142	100		
141	89.7	67.5	101.3
115	32.5	18.2	27.2#

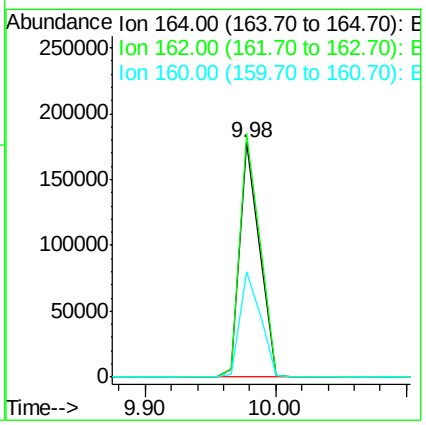


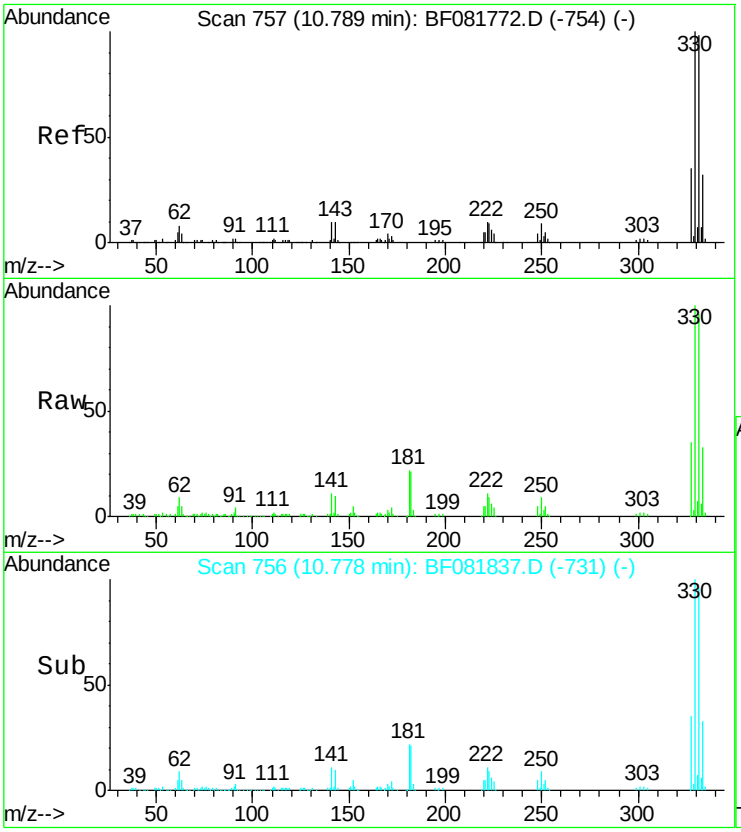


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:164 Resp: 185198

Ion	Ratio	Lower	Upper
164	100		
162	103.8	75.2	112.8
160	44.7	31.5	47.3



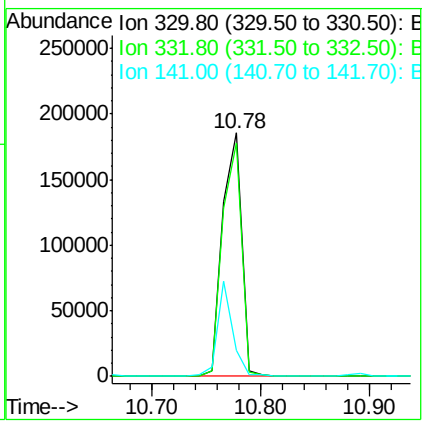


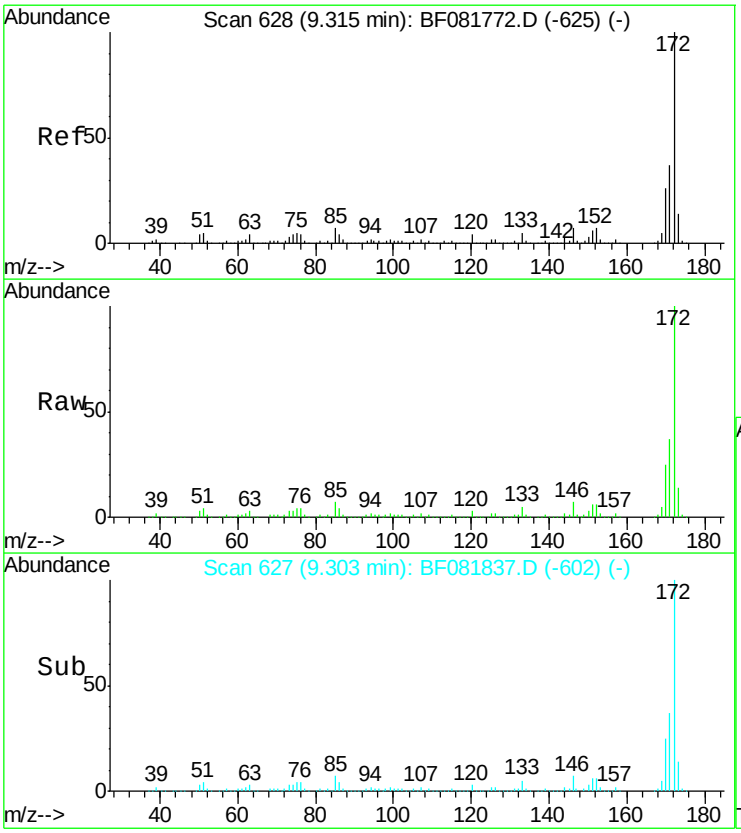
#41
2,4,6-Tribromophenol
Concen: 140.96 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:330 Resp: 226650

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	31.4	29.7	44.5

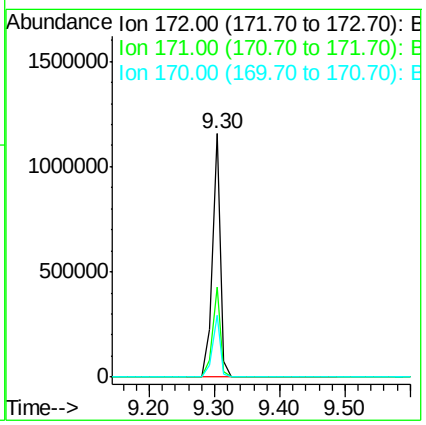


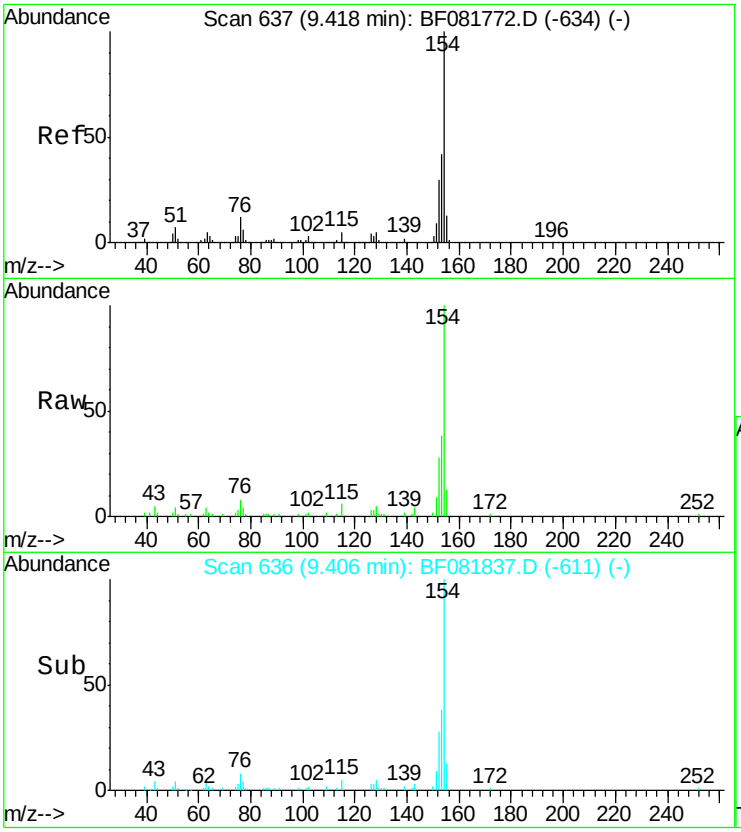


#44
2-Fluorobiphenyl
Concen: 89.95 ng
RT: 9.30 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:172 Resp: 1014815

Ion	Ratio	Lower	Upper
172	100		
171	37.0	26.1	39.1
170	25.3	17.4	26.2



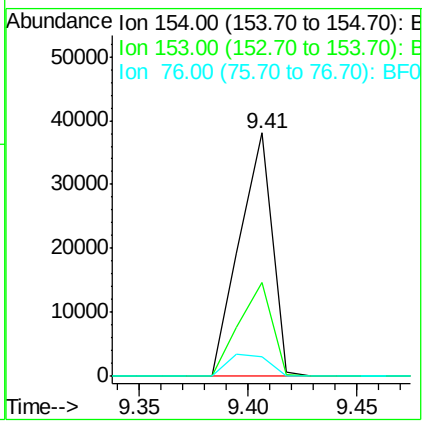


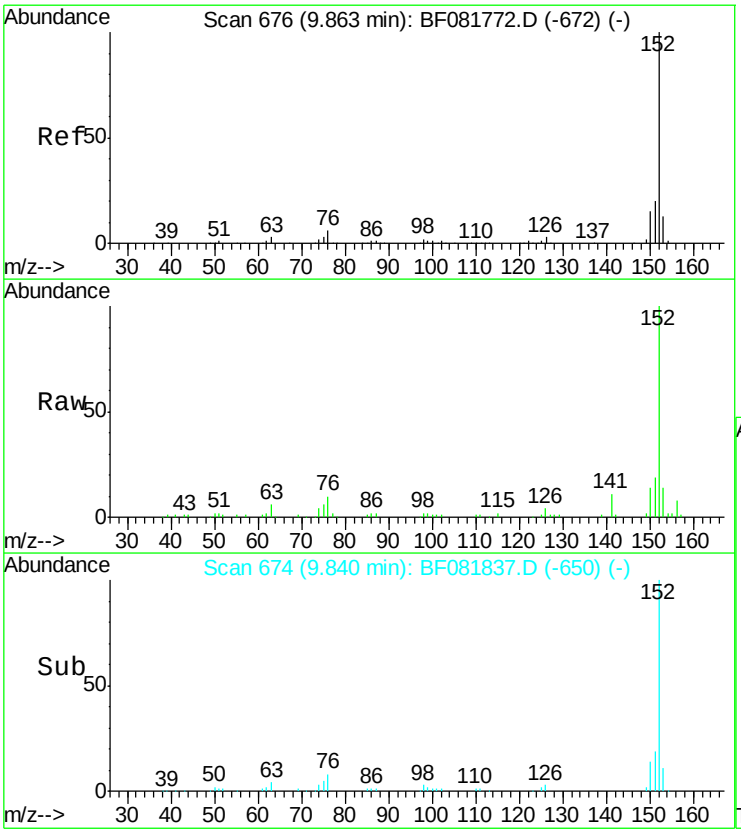
#45
1,1'-Biphenyl
Concen: 2.75 ng
RT: 9.41 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:154 Resp: 39754

Ion	Ratio	Lower	Upper
154	100		
153	38.4	17.1	57.1
76	8.0	0.0	31.6

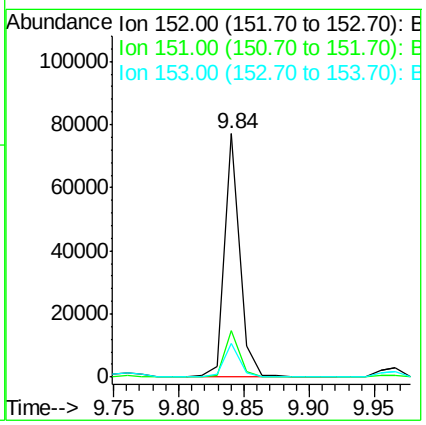


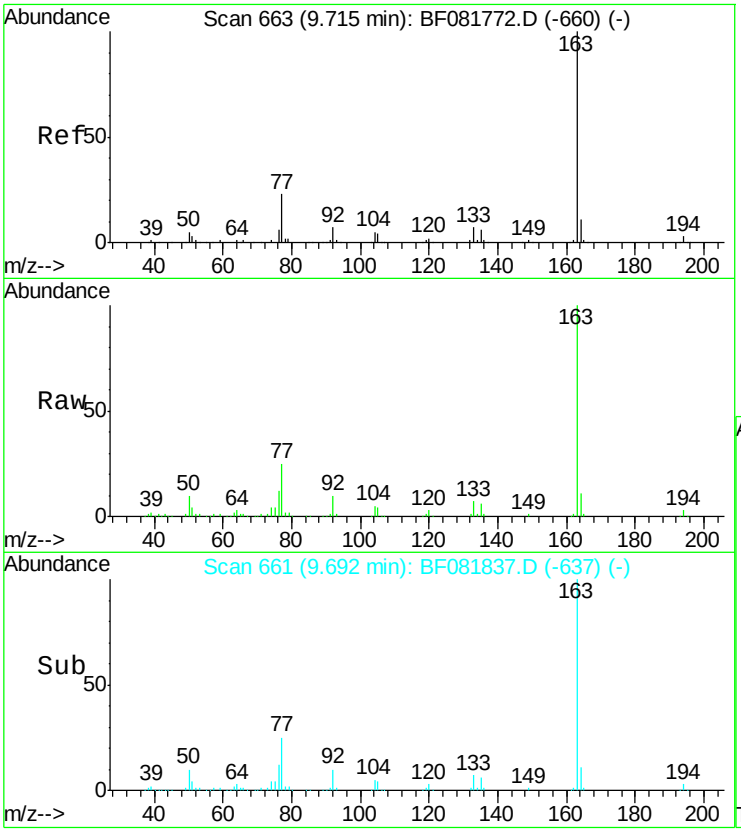


#48
Acenaphthylene
Concen: 3.21 ng
RT: 9.84 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:152 Resp: 63195

Ion	Ratio	Lower	Upper
152	100		
151	19.0	14.6	22.0
153	14.0	10.3	15.5



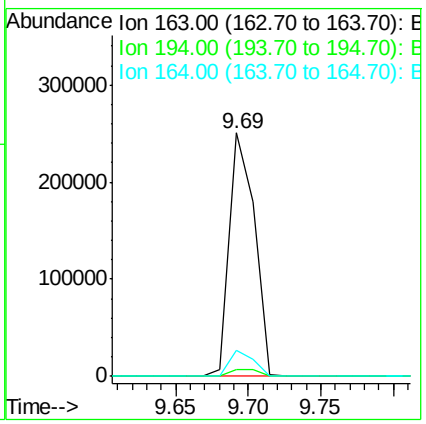


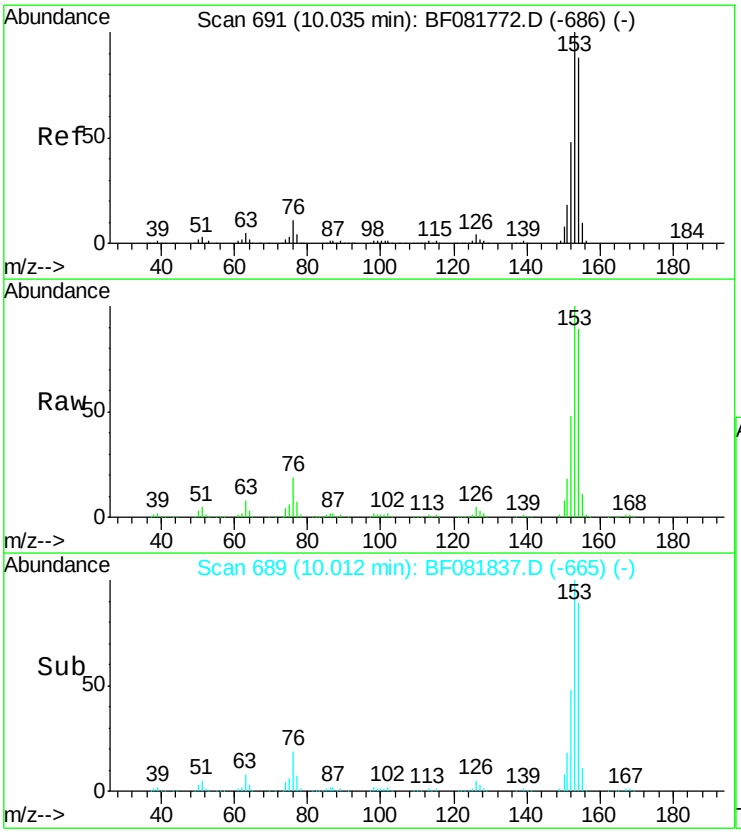
#49
Dimethylphthalate
Concen: 21.44 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:163 Resp: 302091

Ion	Ratio	Lower	Upper
163	100		
194	2.9	4.4	6.6#
164	10.6	8.3	12.5

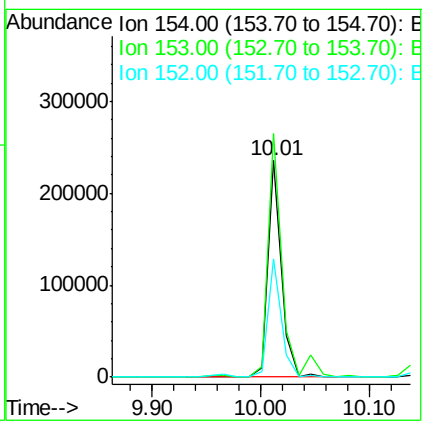


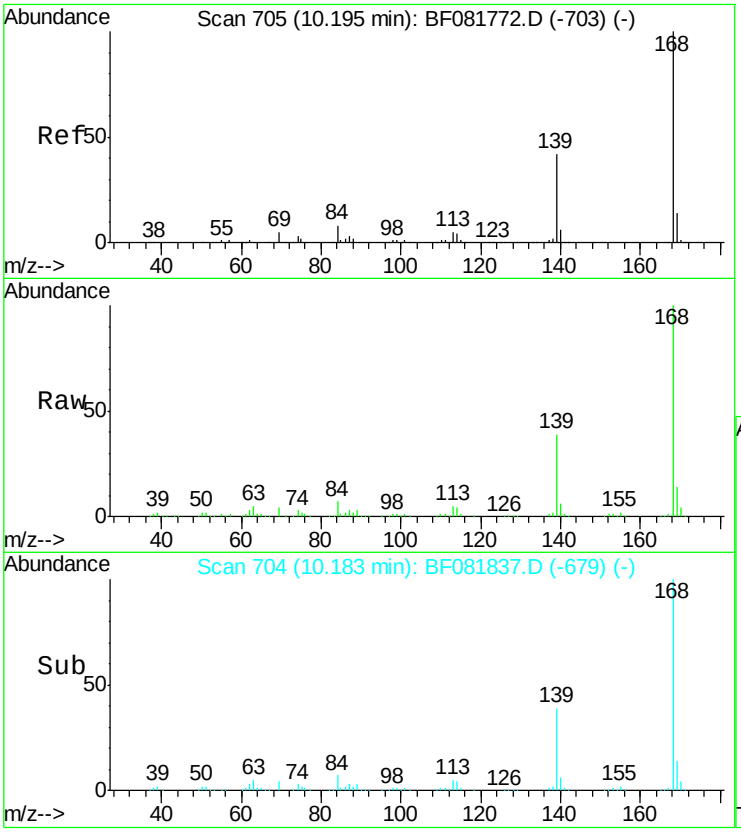


#51
Acenaphthene
Concen: 17.95 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:154 Resp: 203898

Ion	Ratio	Lower	Upper
154	100		
153	112.5	82.1	123.1
152	54.3	37.9	56.9



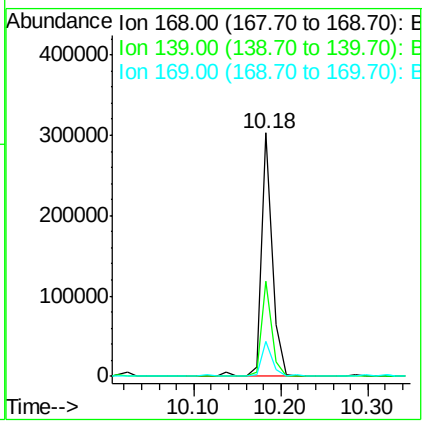


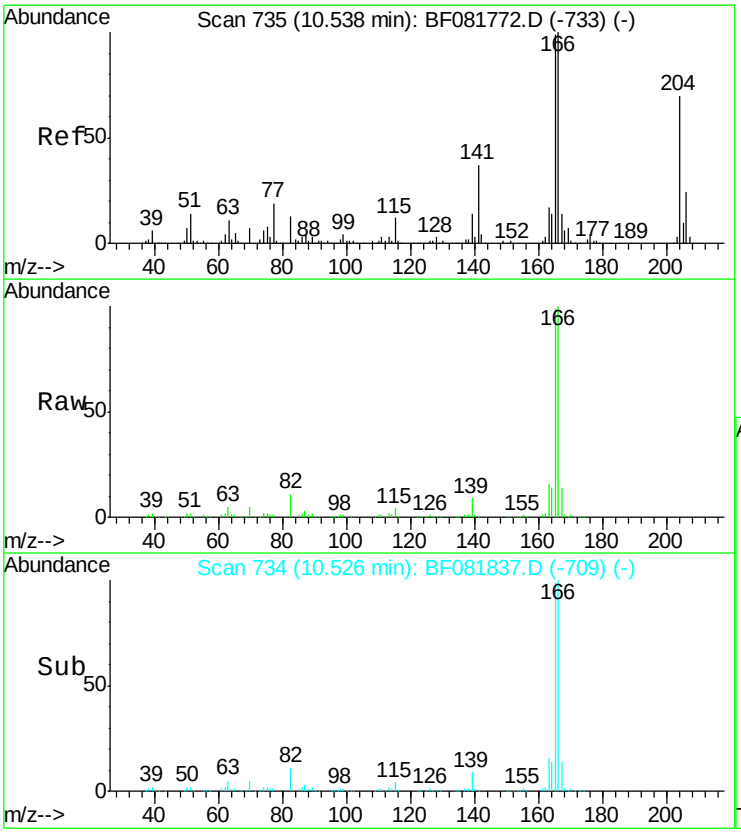
#54
Dibenzofuran
Concen: 16.04 ng
RT: 10.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:168 Resp: 267226

Ion	Ratio	Lower	Upper
168	100		
139	39.2	24.2	36.2#
169	14.3	10.6	15.8

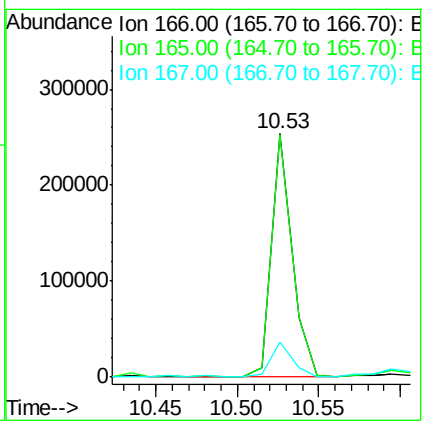


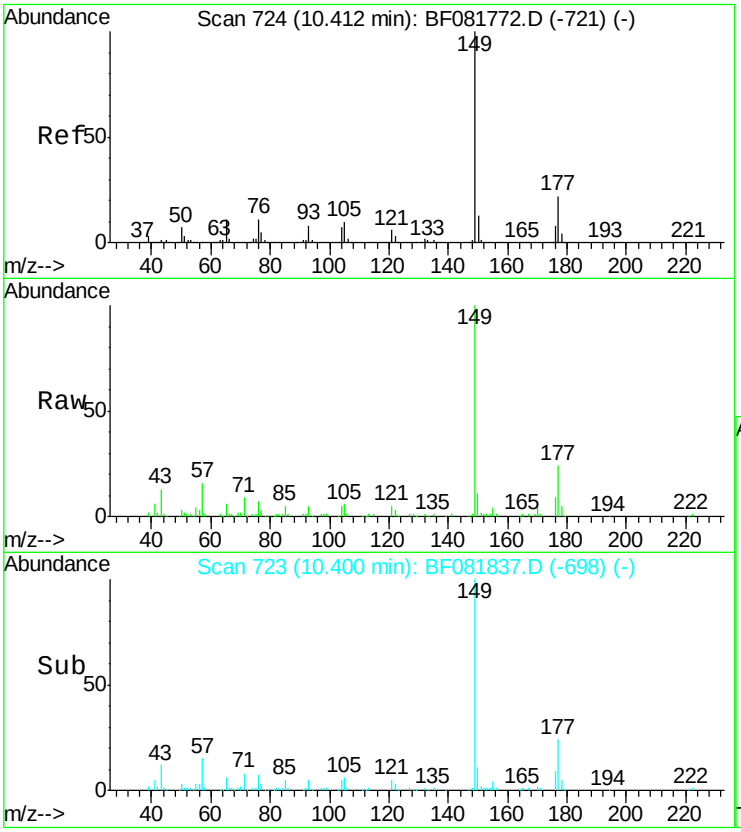


#57
Fluorene
Concen: 17.73 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:166 Resp: 226790

Ion	Ratio	Lower	Upper
166	100		
165	99.4	72.6	109.0
167	14.2	10.6	16.0



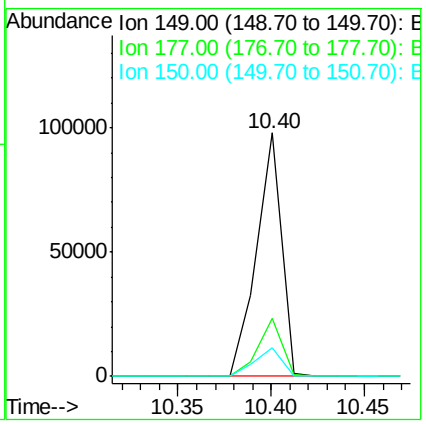


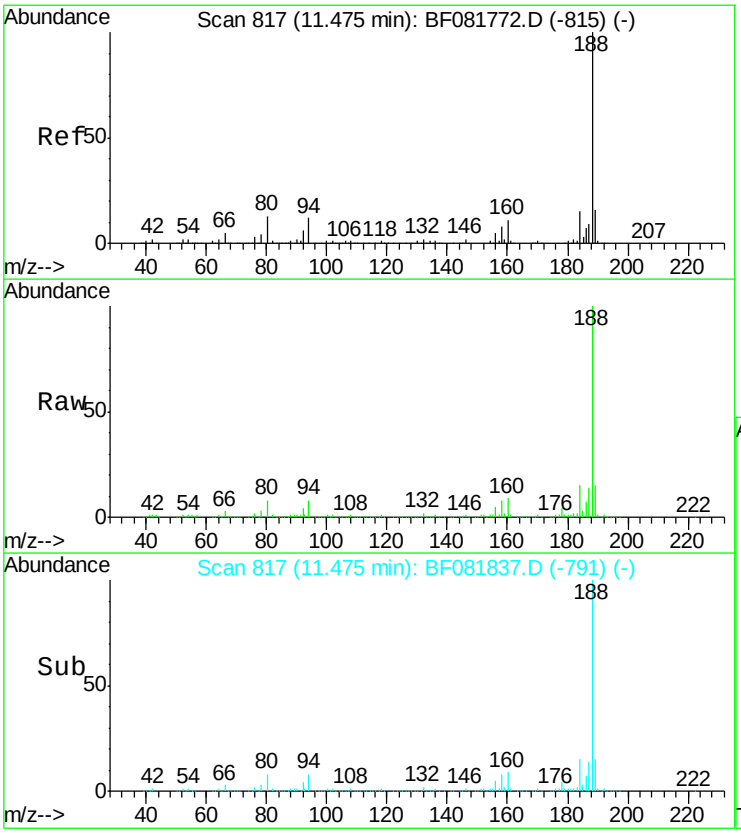
#59
Diethylphthalate
Concen: 6.64 ng
RT: 10.40 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:149 Resp: 90663

Ion	Ratio	Lower	Upper
149	100		
177	23.7	17.5	26.3
150	11.5	9.4	14.2

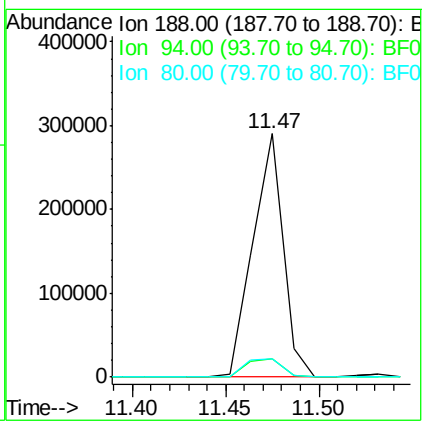


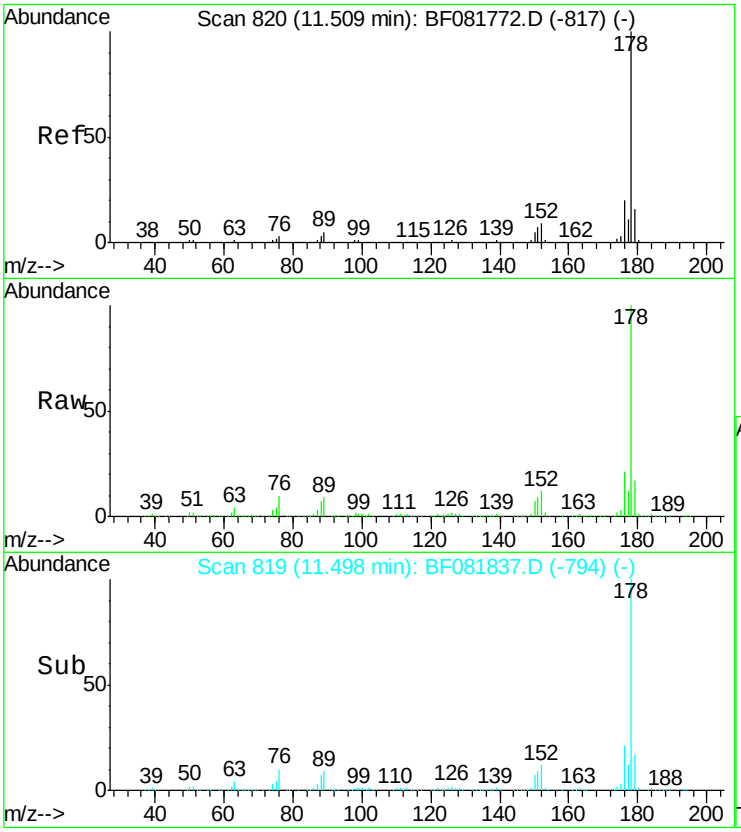


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:188 Resp: 326517

Ion	Ratio	Lower	Upper
188	100		
94	7.6	11.1	16.7#
80	7.7	11.0	16.4#



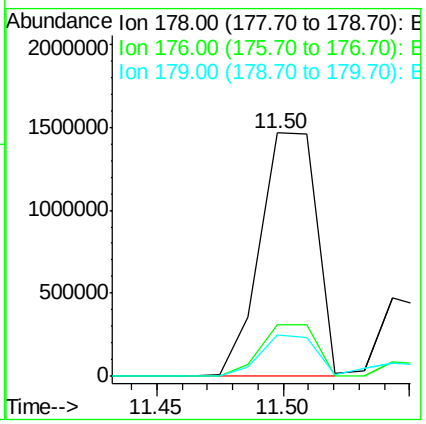


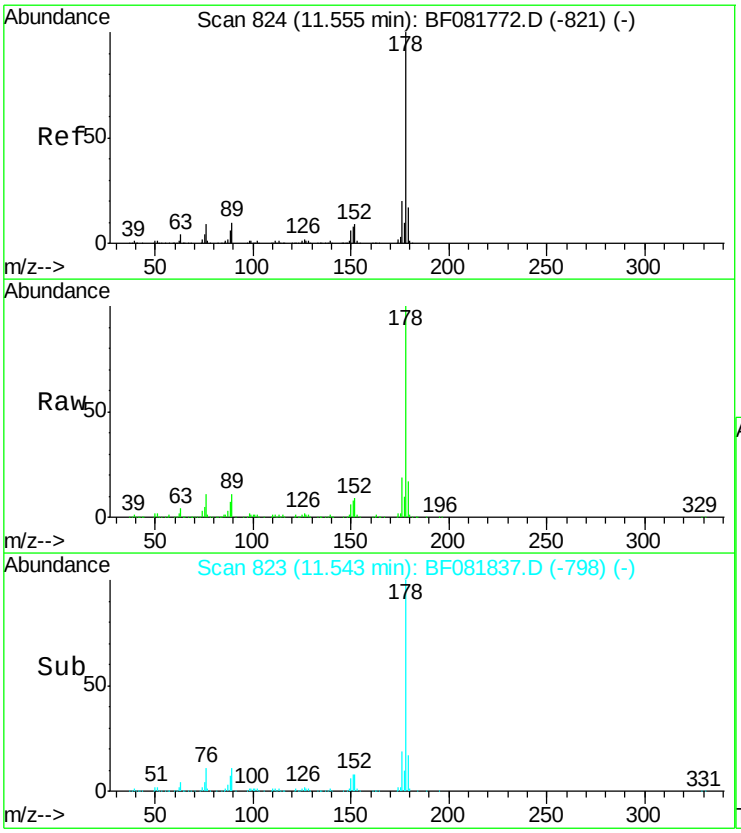
#70
Phenanthrene
Concen: 121.67 ng m
RT: 11.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:178 Resp: 2271350

Ion	Ratio	Lower	Upper
178	100		
176	21.1	13.8	20.8#
179	16.9	12.2	18.2

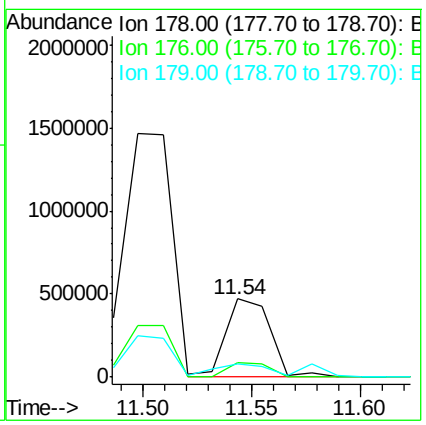


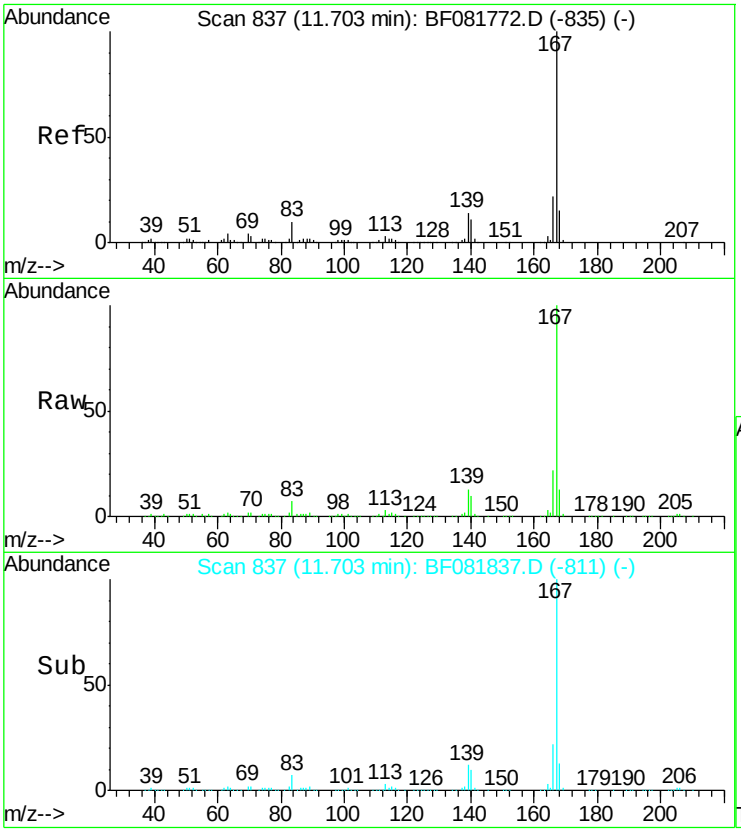


#71
Anthracene
Concen: 36.67 ng m
RT: 11.54 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:178 Resp: 659576

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	16.9	12.2	18.2



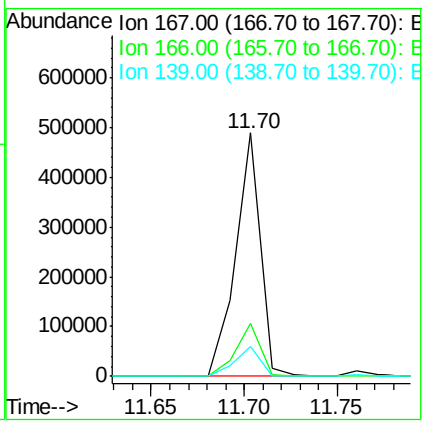


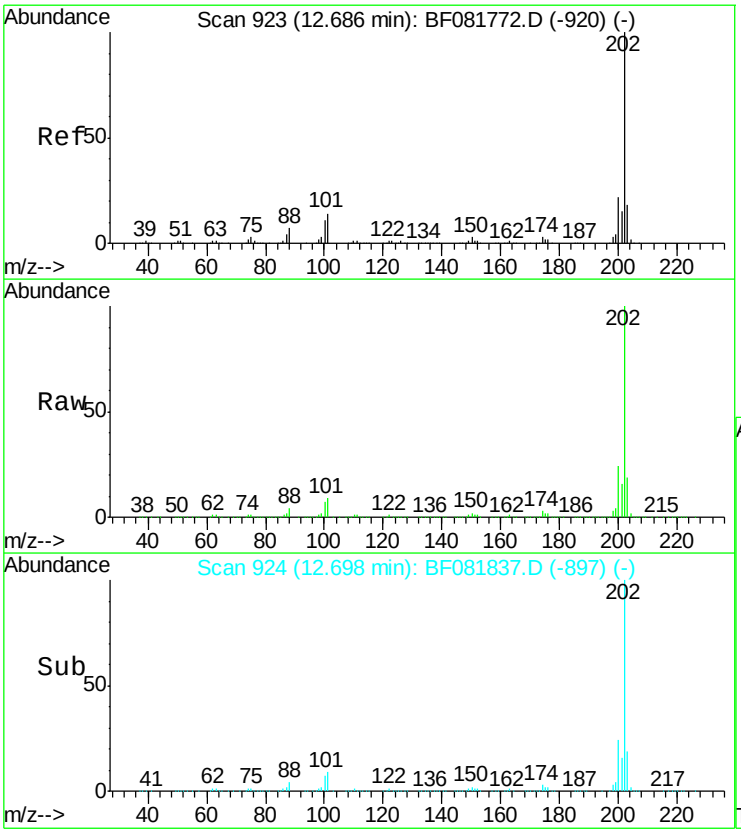
#72
Carbazole
Concen: 27.29 ng
RT: 11.70 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:167 Resp: 455776

Ion	Ratio	Lower	Upper
167	100		
166	21.9	15.7	23.5
139	12.5	9.5	14.3

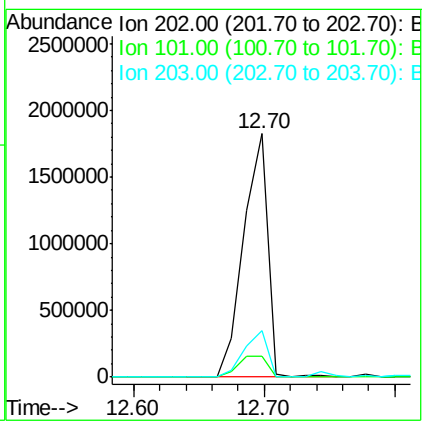


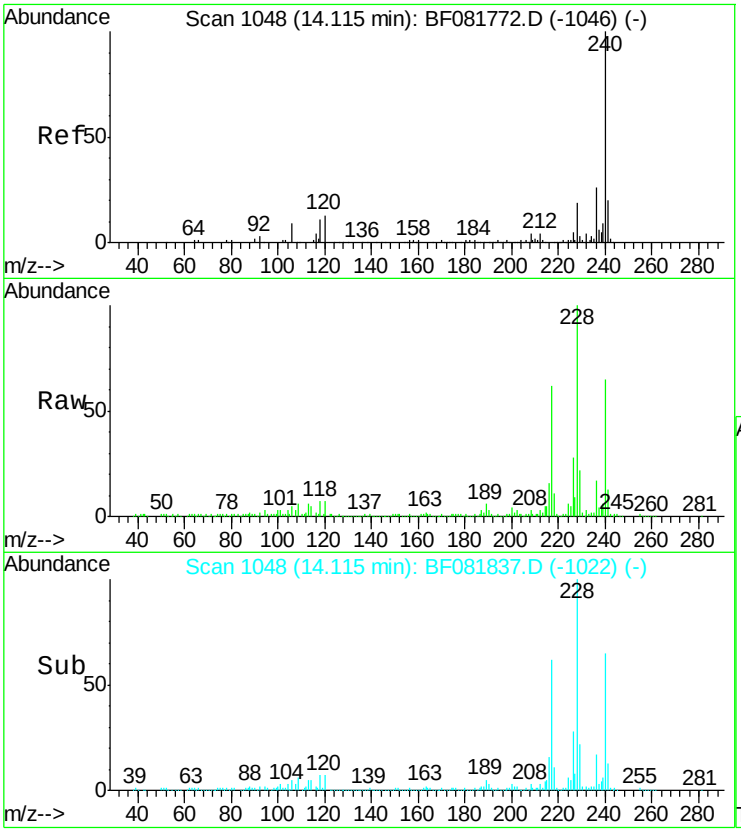


#74
Fluoranthene
Concen: 124.23 ng
RT: 12.70 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:202 Resp: 2336761

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	38.3
203	19.3	0.0	37.3



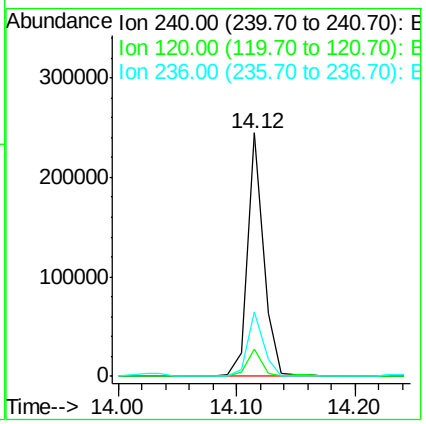


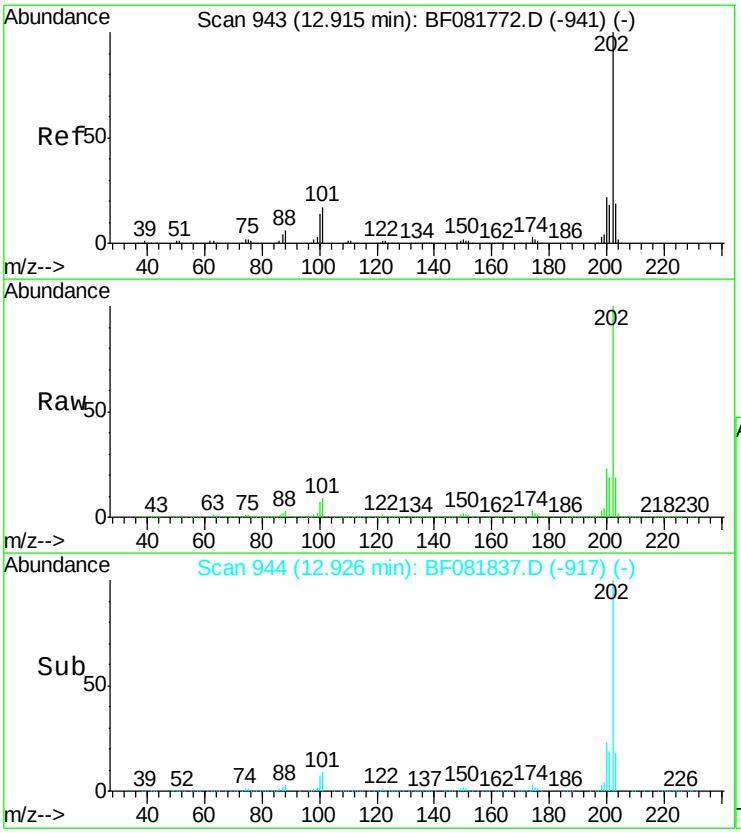
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:240 Resp: 231627

Ion	Ratio	Lower	Upper
240	100		
120	11.1	16.2	24.2#
236	26.6	18.4	27.6

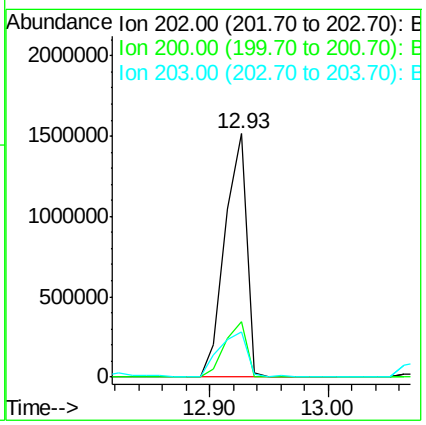


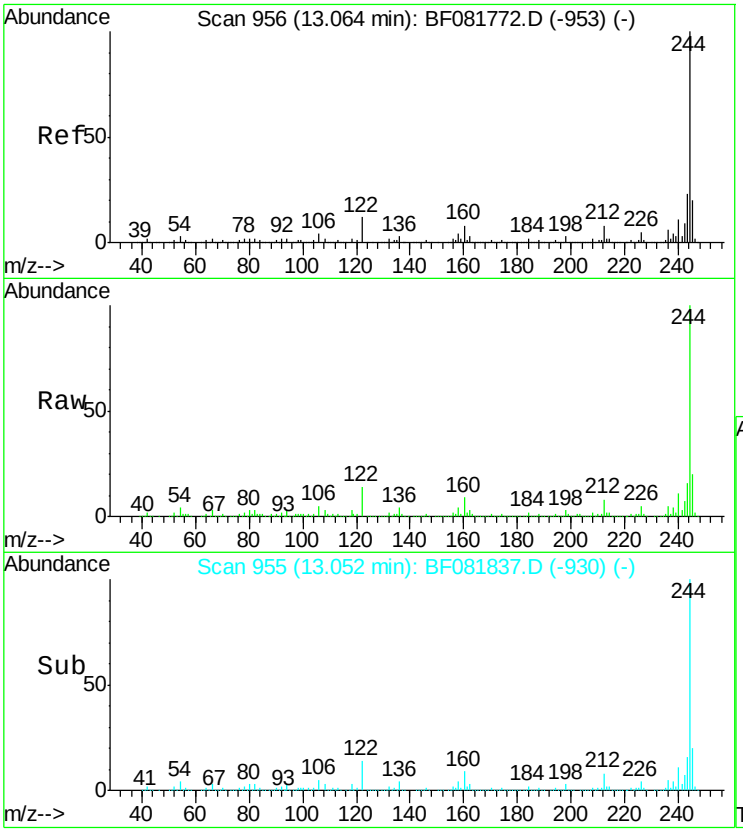


#77
Pyrene
Concen: 110.22 ng
RT: 12.93 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:202 Resp: 1924714

Ion	Ratio	Lower	Upper
202	100		
200	23.0	15.0	22.4#
203	18.6	14.1	21.1



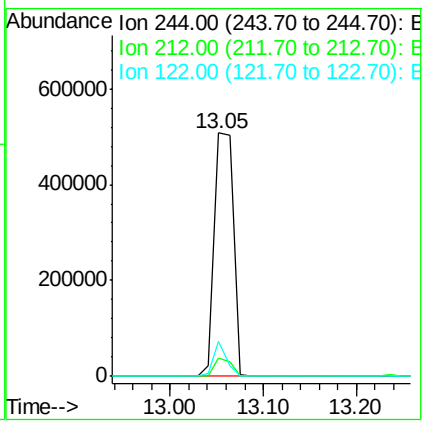


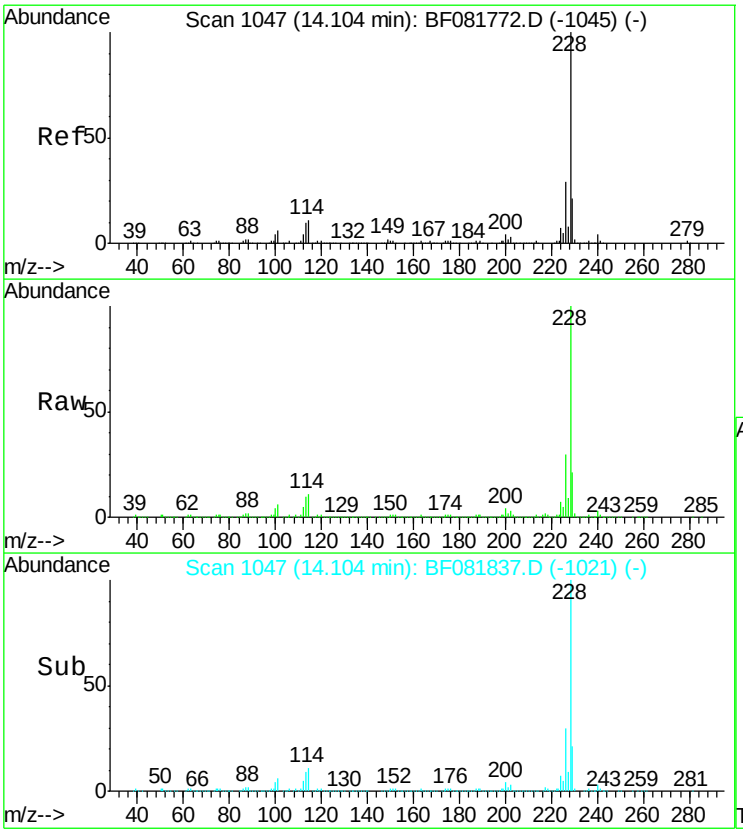
#78
Terphenyl-d14
Concen: 70.58 ng
RT: 13.05 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:244 Resp: 715639

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	14.2	17.4	26.2#

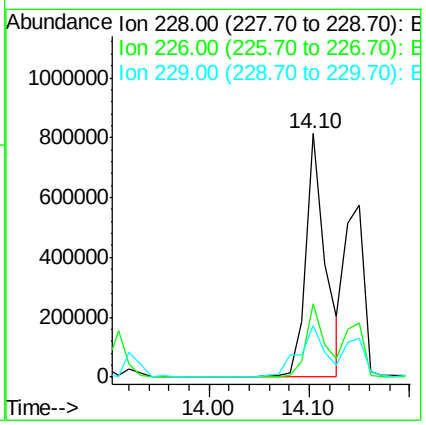


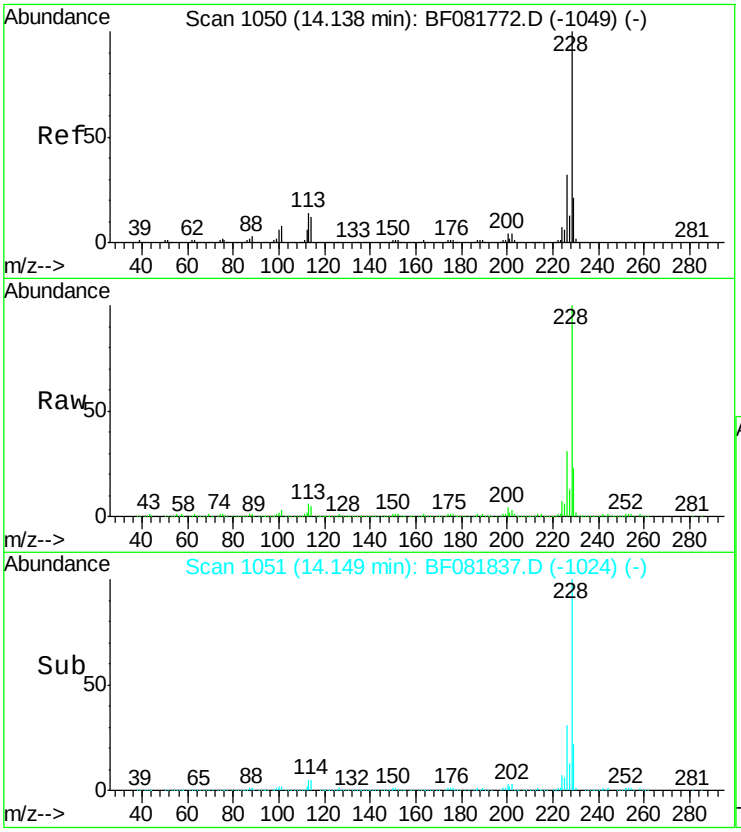


#80
Benzo(a)anthracene
Concen: 78.12 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:228 Resp: 1097257

Ion	Ratio	Lower	Upper
228	100		
226	29.9	20.0	30.0
229	21.3	15.4	23.2



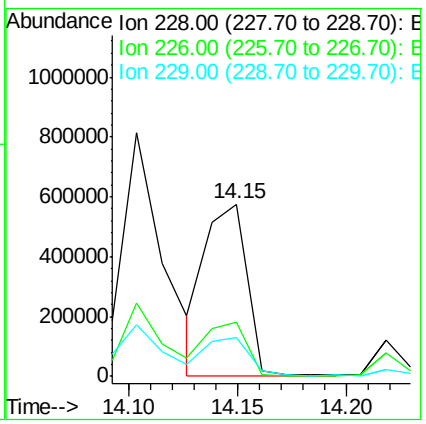


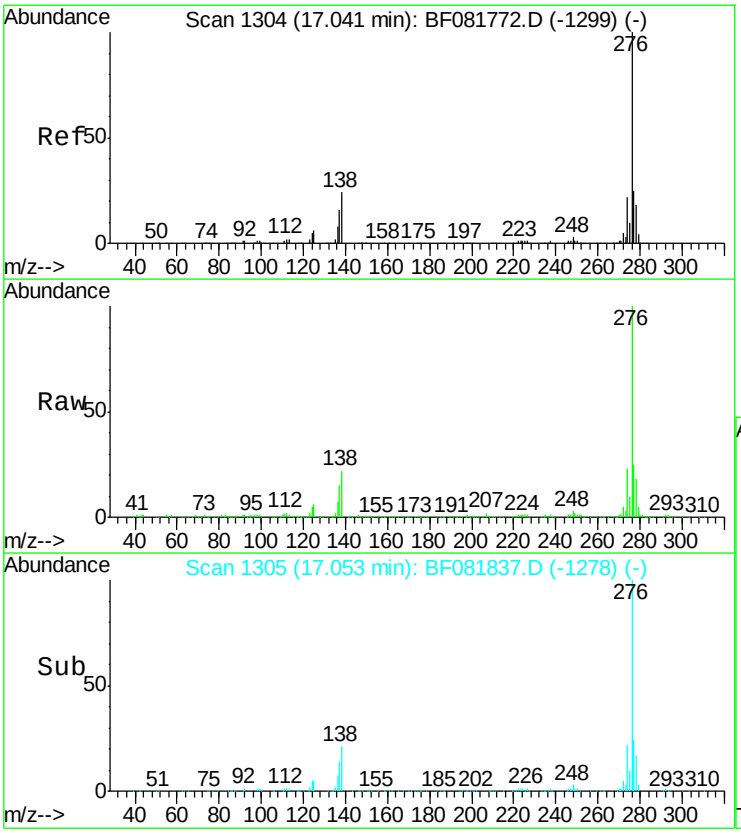
#82
Chrysene
Concen: 56.54 ng
RT: 14.15 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:228 Resp: 761542

Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.0	31.4
229	22.9	15.6	23.4

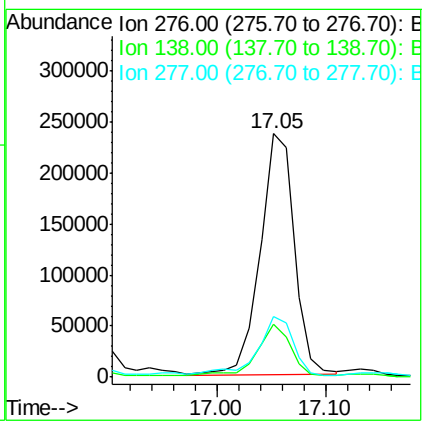


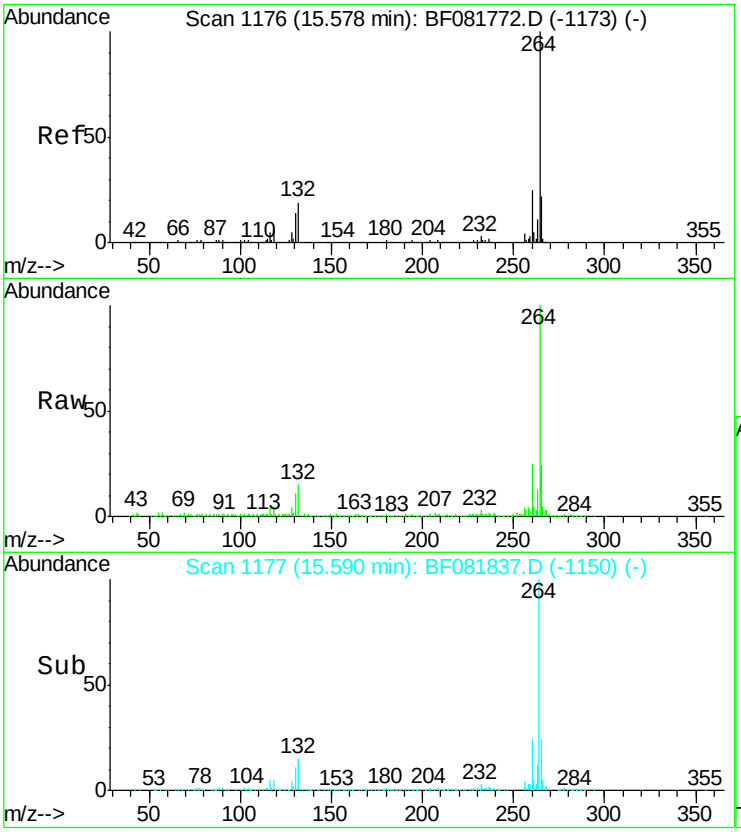


#85
Indeno(1,2,3-cd)pyrene
Concen: 42.15 ng
RT: 17.05 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:276 Resp: 519814

Ion	Ratio	Lower	Upper
276	100		
138	20.7	25.7	38.5#
277	27.3	15.6	23.4#



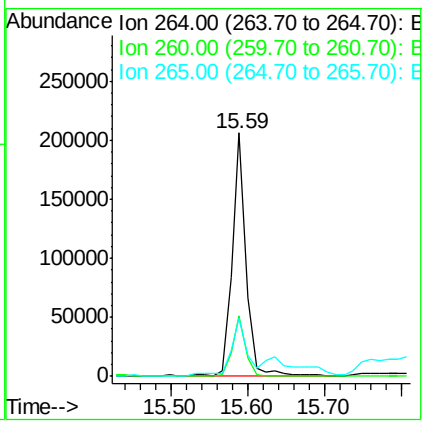


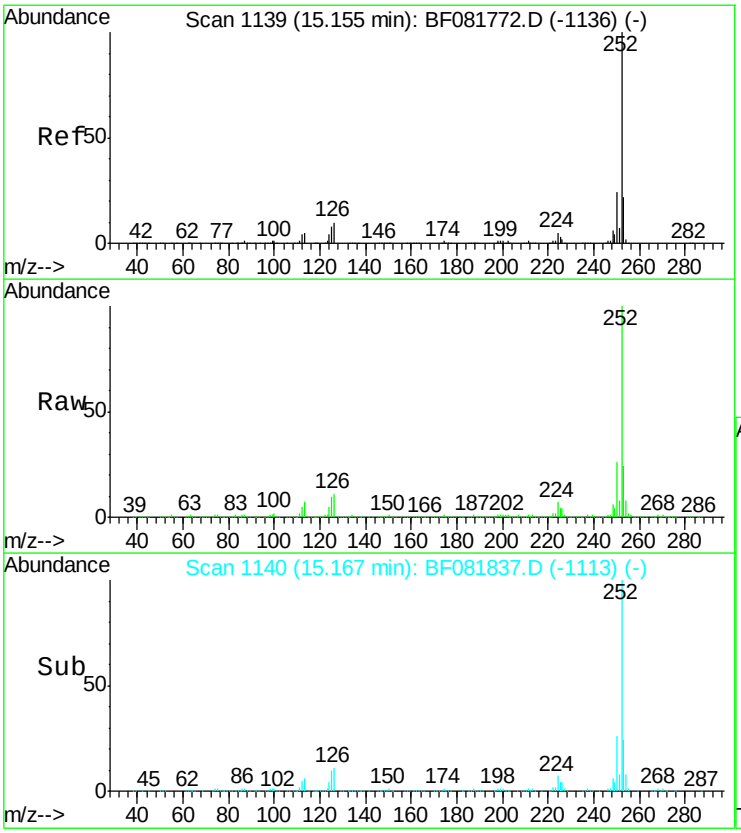
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:264 Resp: 264571

Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	23.8	17.2	25.8

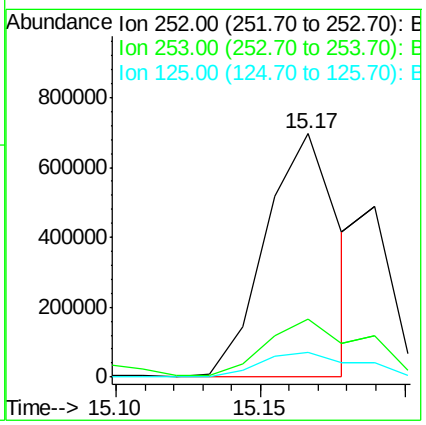


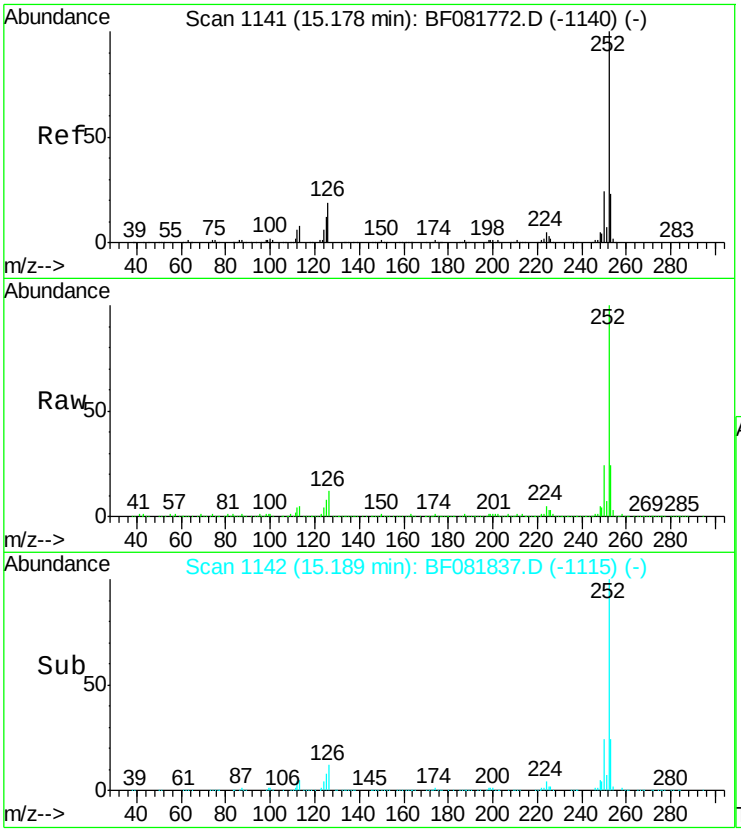


#87
Benzo(b)fluoranthene
Concen: 77.69 ng m
RT: 15.17 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:252 Resp: 1218909

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	9.9	17.1	25.7#



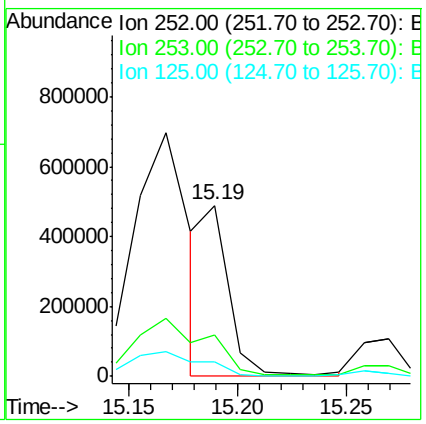


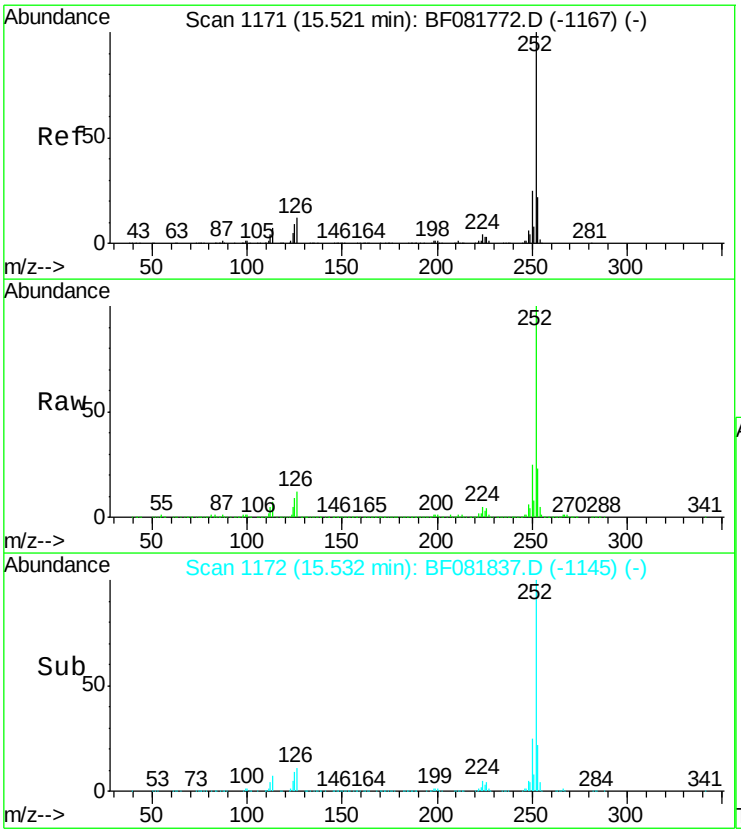
#88
Benzo(k)fluoranthene
Concen: 26.79 ng m
RT: 15.19 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:252 Resp: 404918

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.4
125	8.5	16.0	24.0#

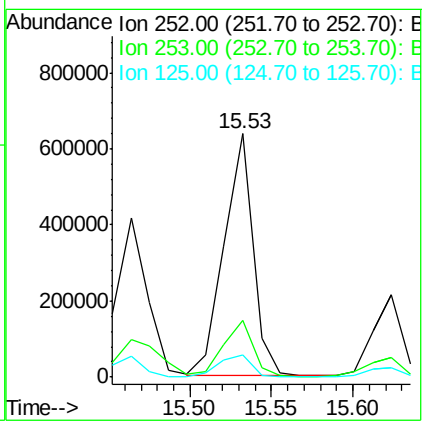


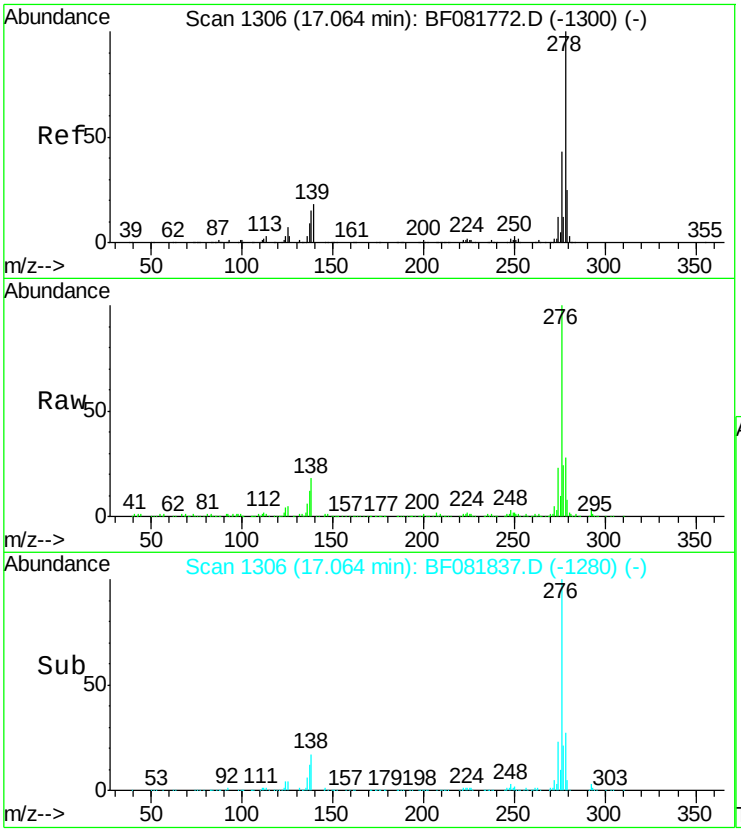


#89
Benzo(a)pyrene
Concen: 55.45 ng
RT: 15.53 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:252 Resp: 785482

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	9.0	18.0	27.0#



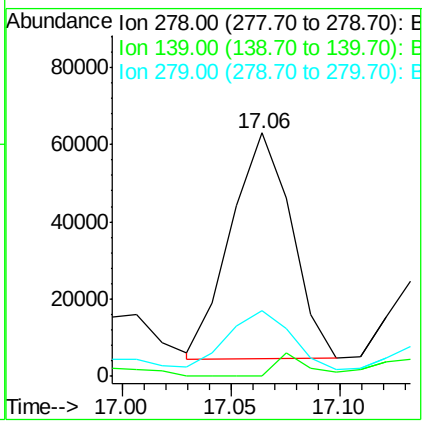


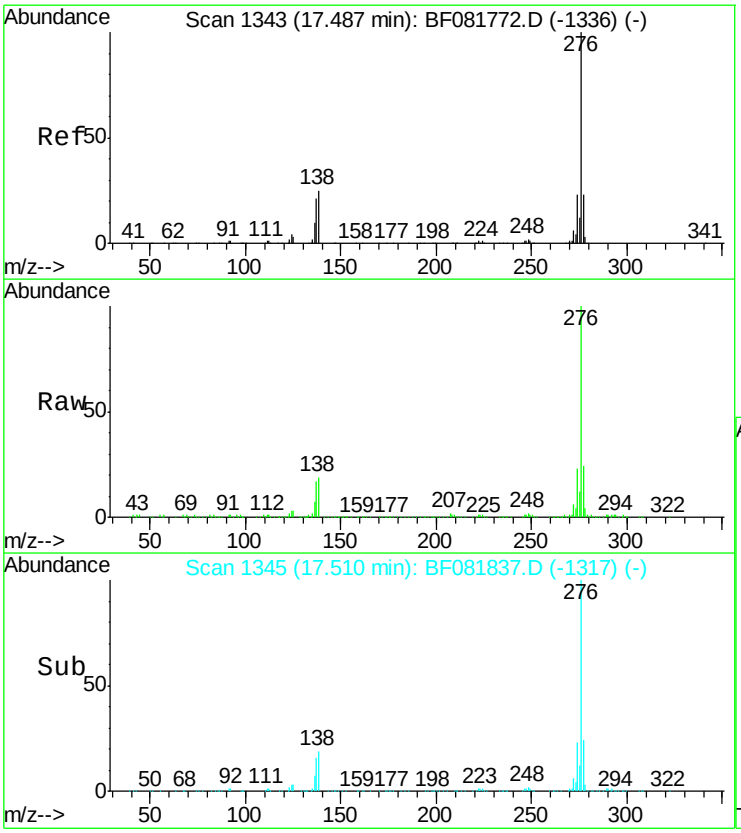
#90
Dibenzo(a,h)anthracene
Concen: 7.70 ng
RT: 17.06 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Instrument :
BNA_F
ClientSampleId :
S2-10

Tgt Ion:278 Resp: 113719

Ion	Ratio	Lower	Upper
278	100		
139	0.0	26.3	39.5#
279	27.2	18.2	27.4





#91
Benzo(g,h,i)perylene
Concen: 30.37 ng
RT: 17.51 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF081837.D
Acq: 26 Sep 2015 19:57

Tgt Ion:276 Resp: 462225

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.8	26.6
138	19.2	34.6	51.8#