Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081833.D
Acq On : 26 Sep 2015 17:56
Operator : UM/IZ
Sample : G3779-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1-18

Quant Time: Sep 28 03:16:07 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	117569	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	456835	20.00	ng		-0.01
38) Acenaphthene-d10	9.98	164	207881	20.00	ng		-0.02
63) Phenanthrene-d10	11.46	188	369470	20.00	ng		-0.01
75) Chrysene-d12	14.12	240	278514	20.00	ng		0.00
86) Perylene-d12	15.58	264	293248	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	825089	118.72	ng		0.00
7) Phenol-d6	6.56	99	1073080	122.08	ng		-0.01
23) Nitrobenzene-d5	7.51	82	736606	106.39	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	268990	149.04	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	1085013	85.68	ng		-0.01
78) Terphenyl-d14	13.05	244	828914	67.99	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	98428	16.80	ng	#	57
49) Dimethylphthalate	9.69	163	312913	19.78	ng	#	97
51) Acenaphthene	10.01	154	46081	3.61	ng		87
54) Dibenzofuran	10.18	168	43887	2.35	ng	#	89
55) 4-Nitrophenol	10.18	139	16186	7.09	ng	#	27
56) 2,4-Dinitrotoluene	9.98	165	27450	7.51	ng	#	34
57) Fluorene	10.53	166	49138	3.42	ng		92
64) 4,6-Dinitro-2-methylphenol	10.77	198	639	8.62	ng	#	1
66) 4-Bromophenyl-phenylether	10.77	248	16273	3.96	ng	#	1
70) Phenanthrene	11.50	178	721603	34.16	ng		97
71) Anthracene	11.54	178	175544	8.62	ng		99
72) Carbazole	11.69	167	71830	3.80	ng	#	96
74) Fluoranthene	12.69	202	807021	37.92	ng		88
77) Pyrene	12.91	202	628035	29.91	ng		96
80) Benzo(a)anthracene	14.10	228	381720	22.60	ng		95
82) Chrysene	14.14	228	208376	12.87	ng		92
85) Indeno(1,2,3-cd)pyrene	17.04	276	147080	9.92	ng	#	81
87) Benzo(b)fluoranthene	15.16	252	488684	28.10	ng	#	88
88) Benzo(k)fluoranthene	15.16	252	488684	29.17	ng	#	88
89) Benzo(a)pyrene	15.52	252	238207	15.17	ng	#	85
91) Benzo(g,h,i)perylene	17.49	276	133081	7.89	ng	#	73

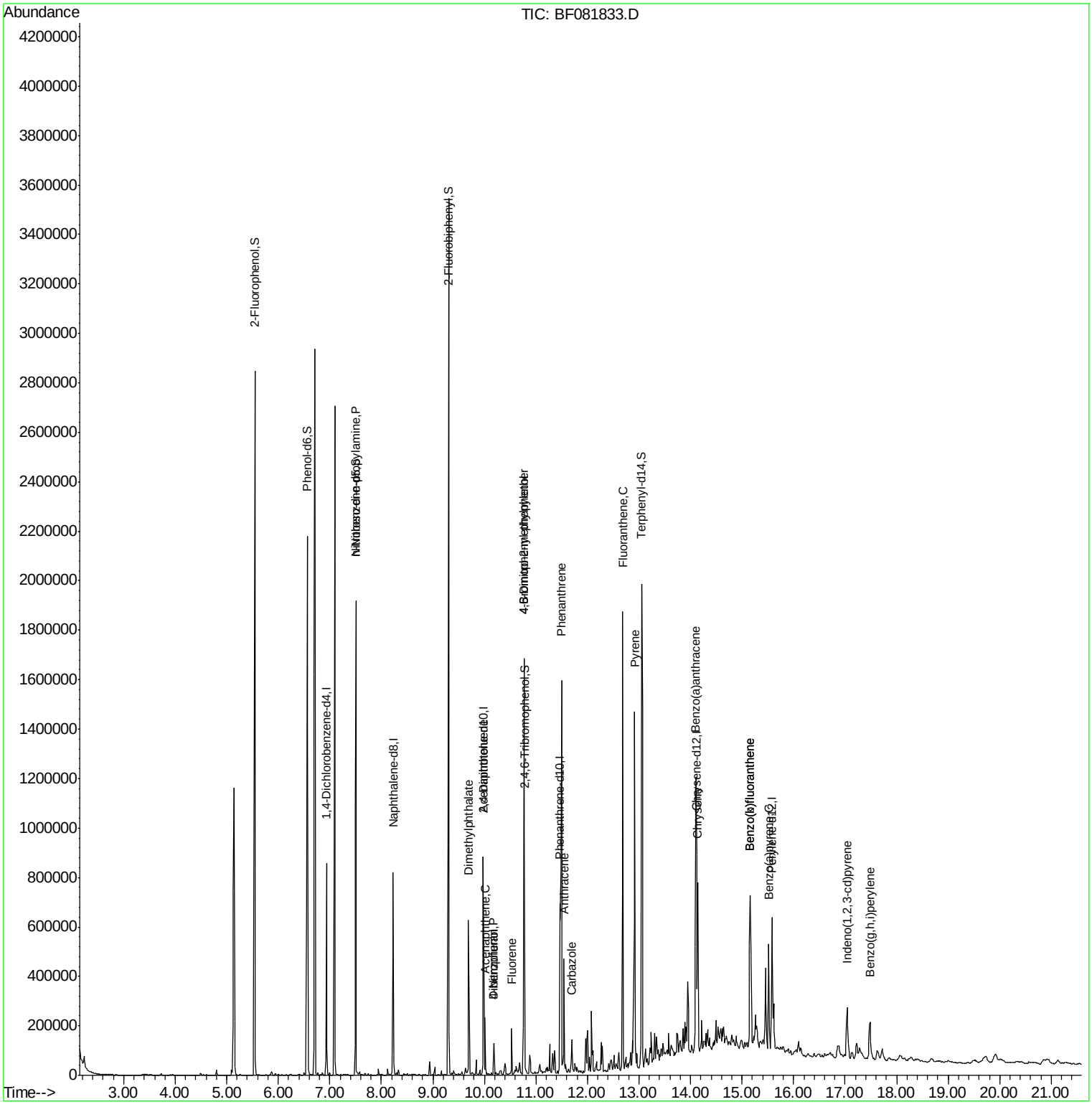
(#) = qualifier out of range (m) = manual integration (+) = signals summed

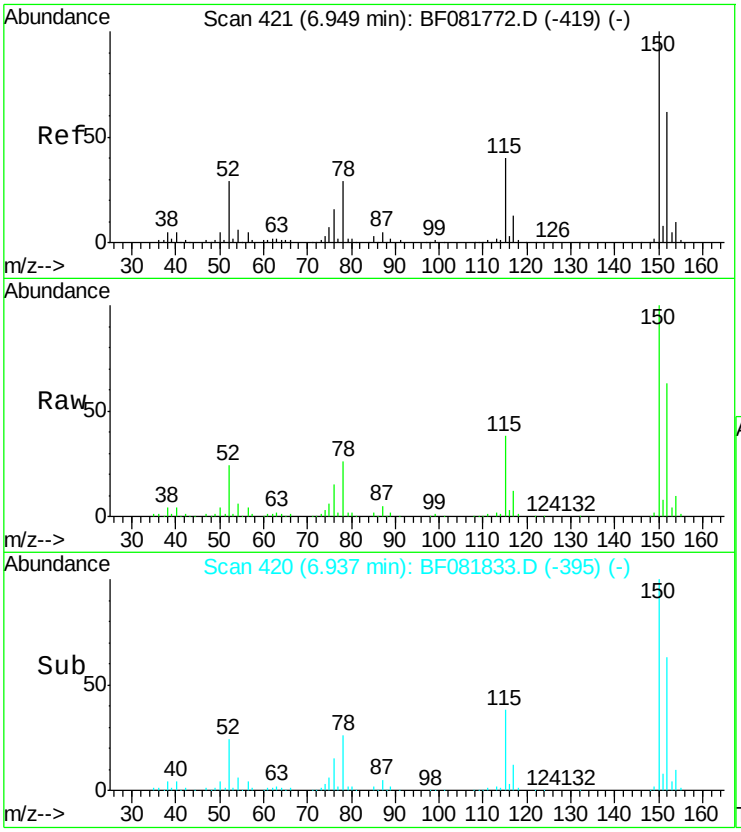
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081833.D
Acq On : 26 Sep 2015 17:56
Operator : UM/IZ
Sample : G3779-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S1-18

Quant Time: Sep 28 03:16:07 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



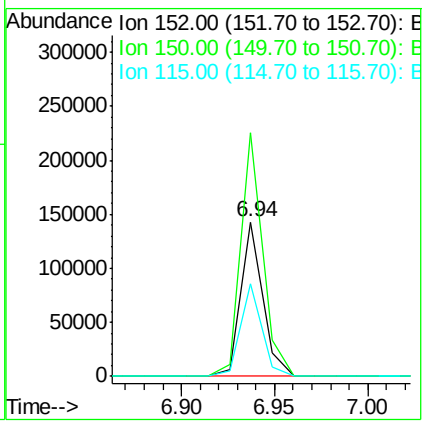


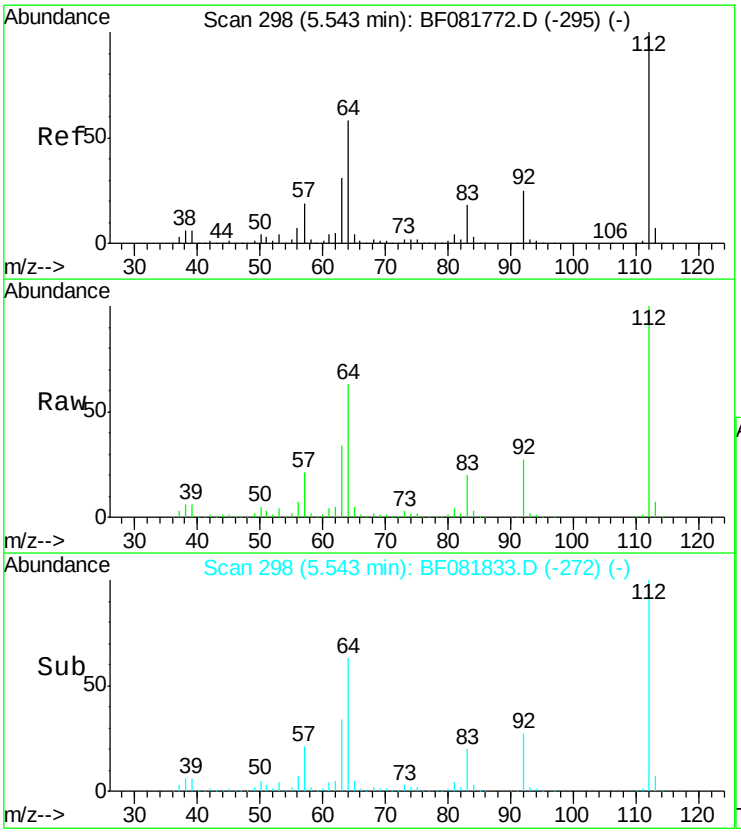
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:152 Resp: 117569

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.7	187.1
115	60.3	39.0	58.4#

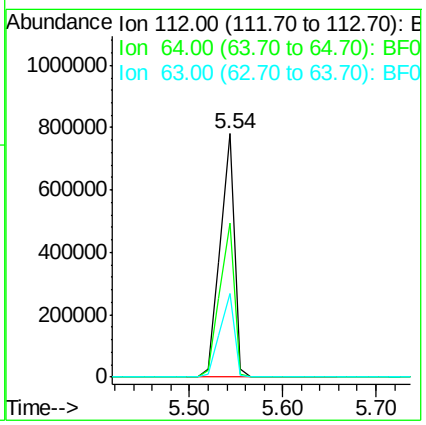


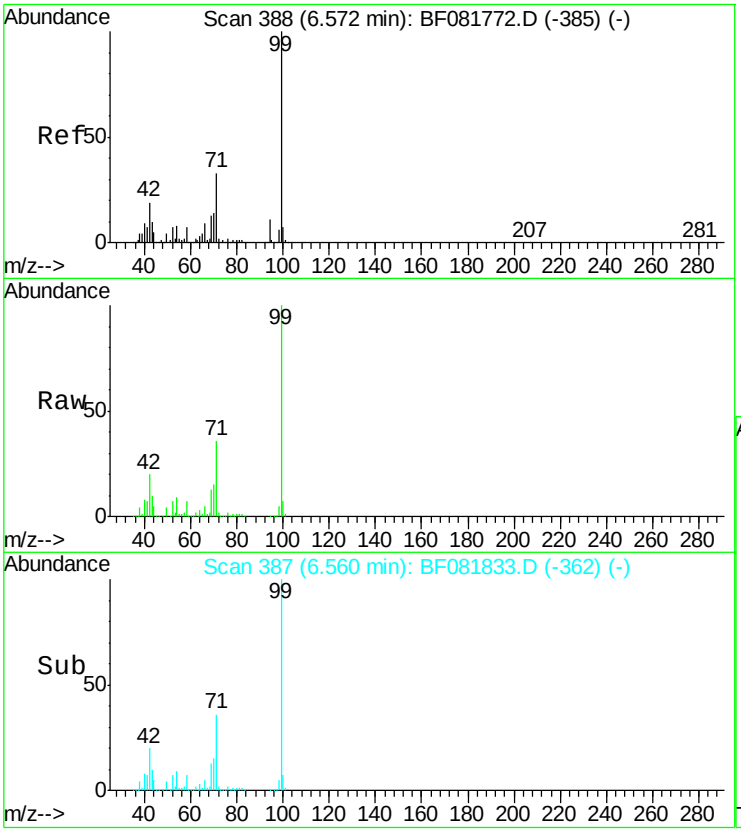


#5
2-Fluorophenol
Concen: 118.72 ng
RT: 5.54 min Scan# 298
Delta R.T. -0.00 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:112 Resp: 825089

Ion	Ratio	Lower	Upper
112	100		
64	63.4	39.7	59.5#
63	34.2	17.4	26.0#



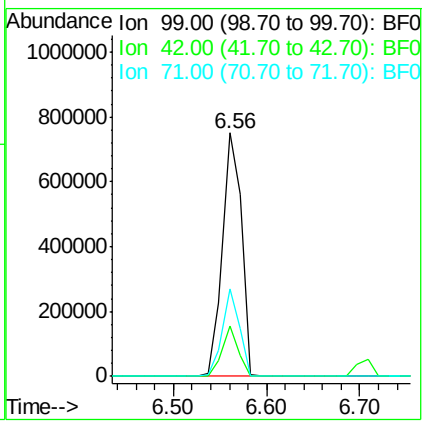


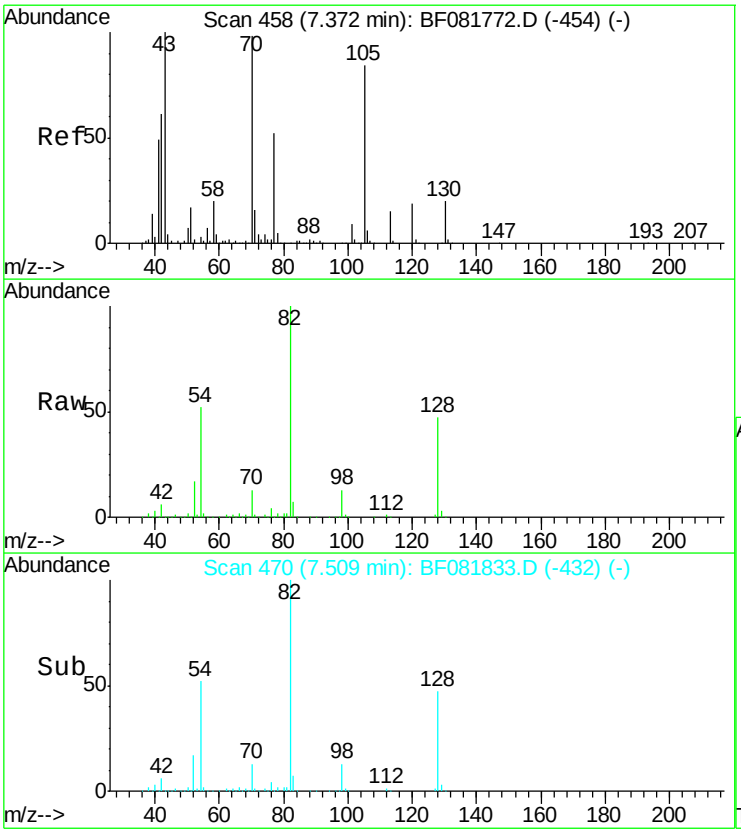
#7
Phenol-d6
Concen: 122.08 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion: 99 Resp: 1073080

Ion	Ratio	Lower	Upper
99	100		
42	20.5	13.7	20.5
71	36.1	14.2	21.2#

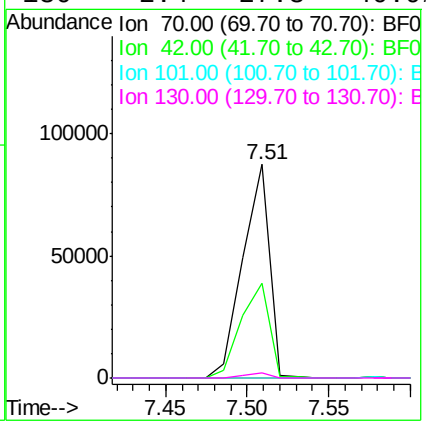


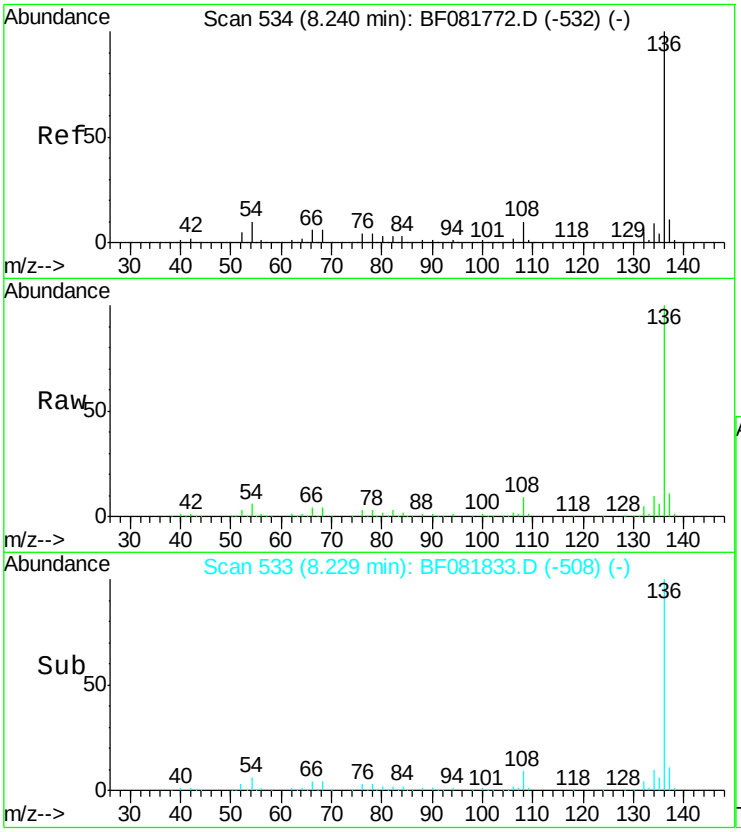


#19
n-Nitroso-di-n-propylamine
Concen: 16.80 ng
RT: 7.51 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion: 70 Resp: 98428

Ion	Ratio	Lower	Upper
70	100		
42	44.1	63.8	95.6#
101	0.0	9.2	13.8#
130	2.4	27.3	40.9#



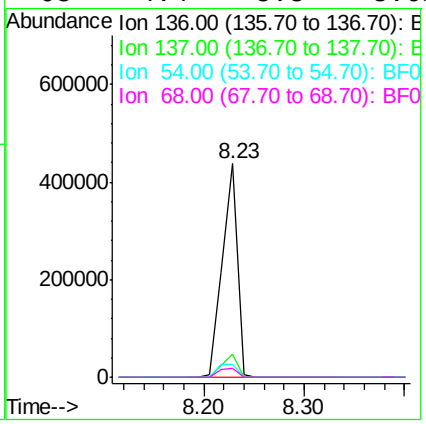


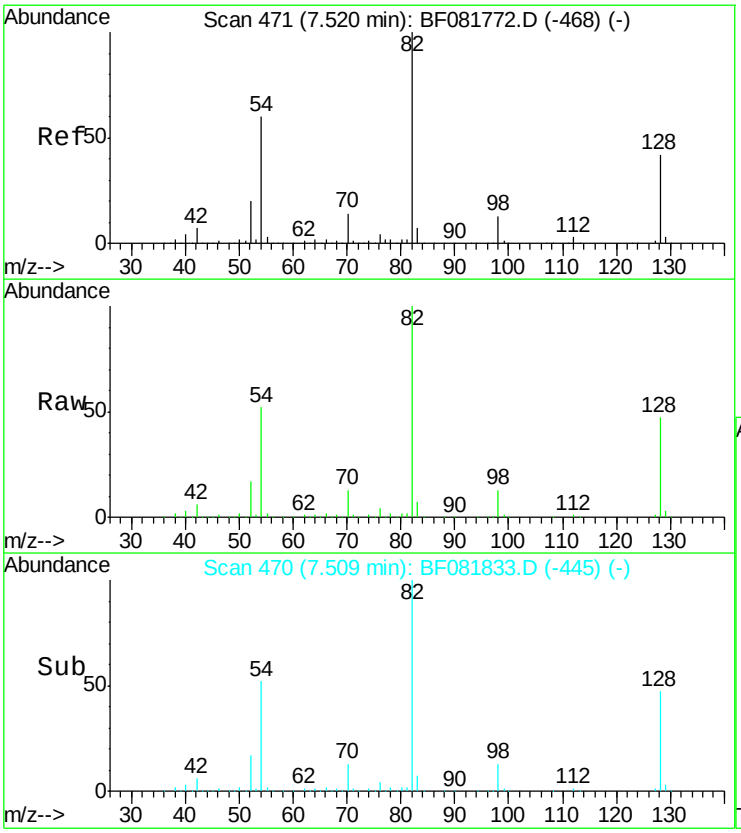
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:136 Resp: 456835

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.3	8.2	12.2#
68	4.4	5.8	8.6#

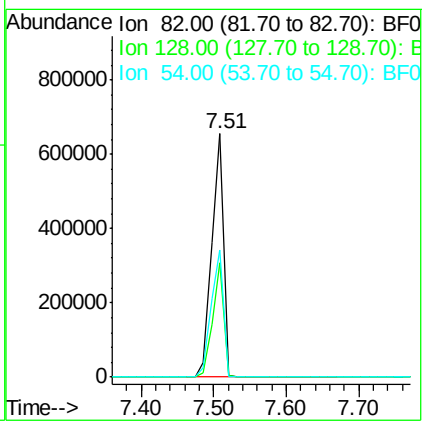


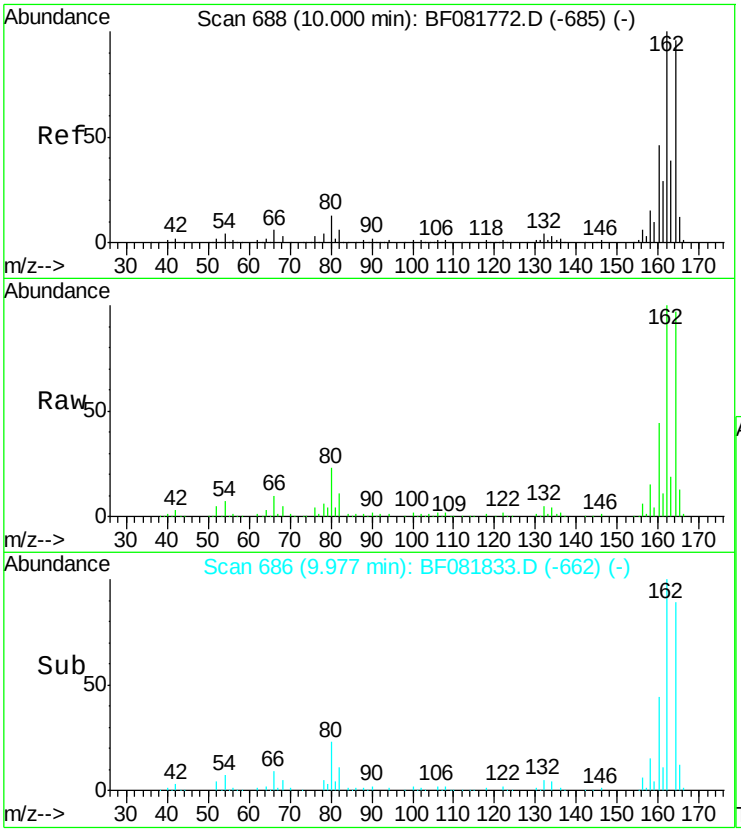


#23
Nitrobenzene-d5
Concen: 106.39 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion: 82 Resp: 736606

Ion	Ratio	Lower	Upper
82	100		
128	46.9	51.0	76.6#
54	52.4	47.5	71.3



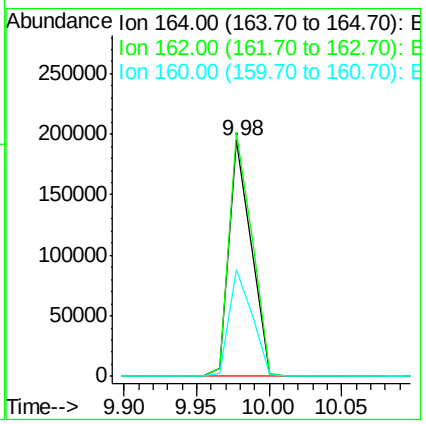


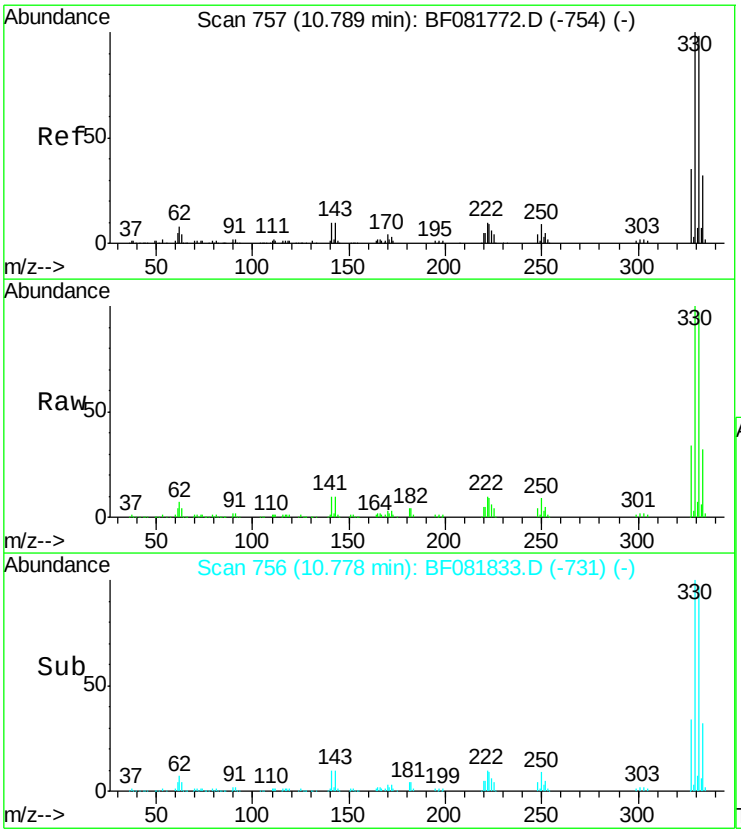
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:164 Resp: 207881

Ion	Ratio	Lower	Upper
164	100		
162	103.2	75.2	112.8
160	45.2	31.5	47.3

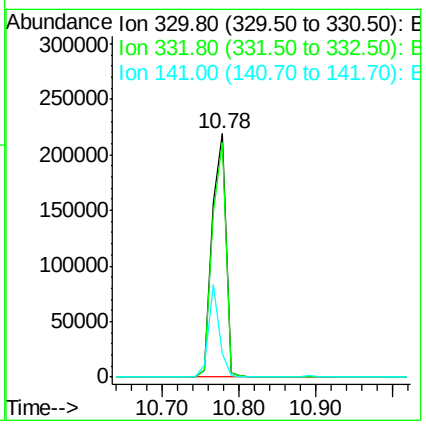


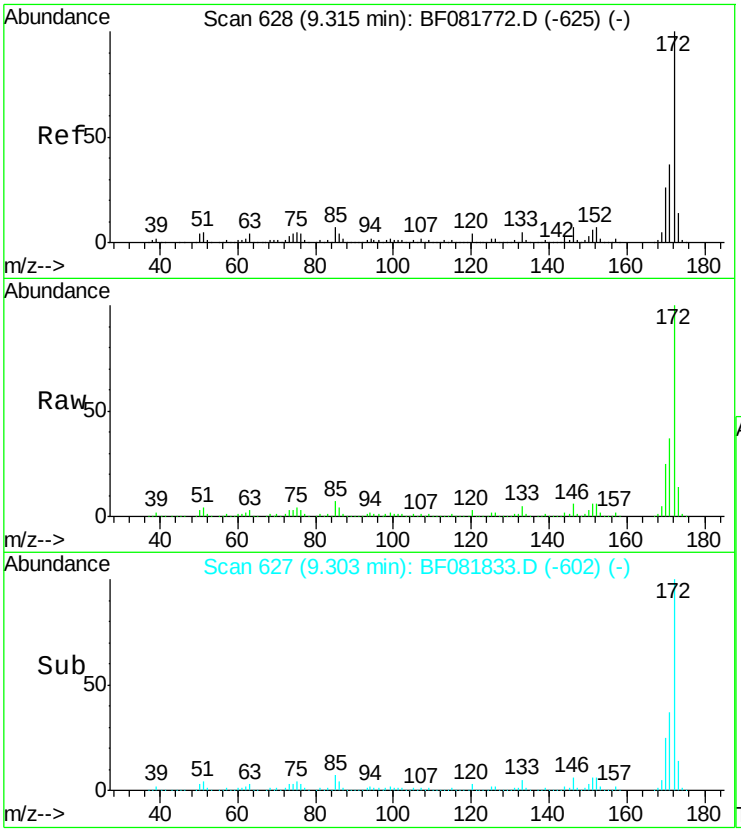


#41
2,4,6-Tribromophenol
Concen: 149.04 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:330 Resp: 268990

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	29.9	29.7	44.5



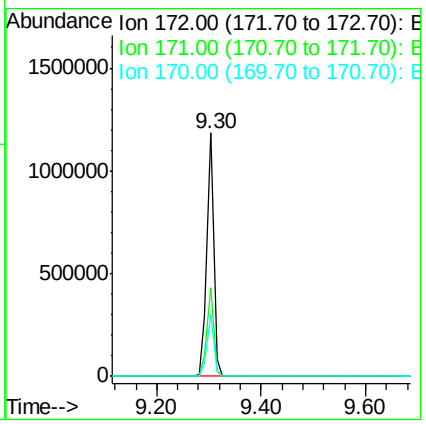


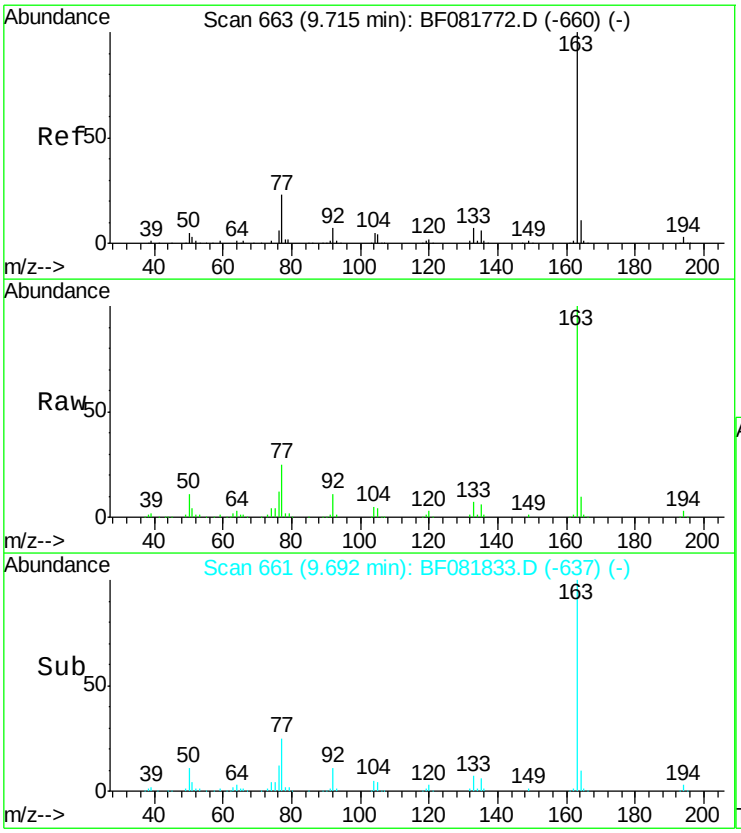
#44
2-Fluorobiphenyl
Concen: 85.68 ng
RT: 9.30 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:172 Resp: 1085013

Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.1	39.1
170	25.2	17.4	26.2

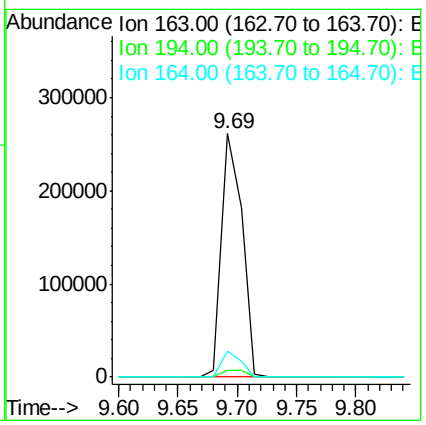


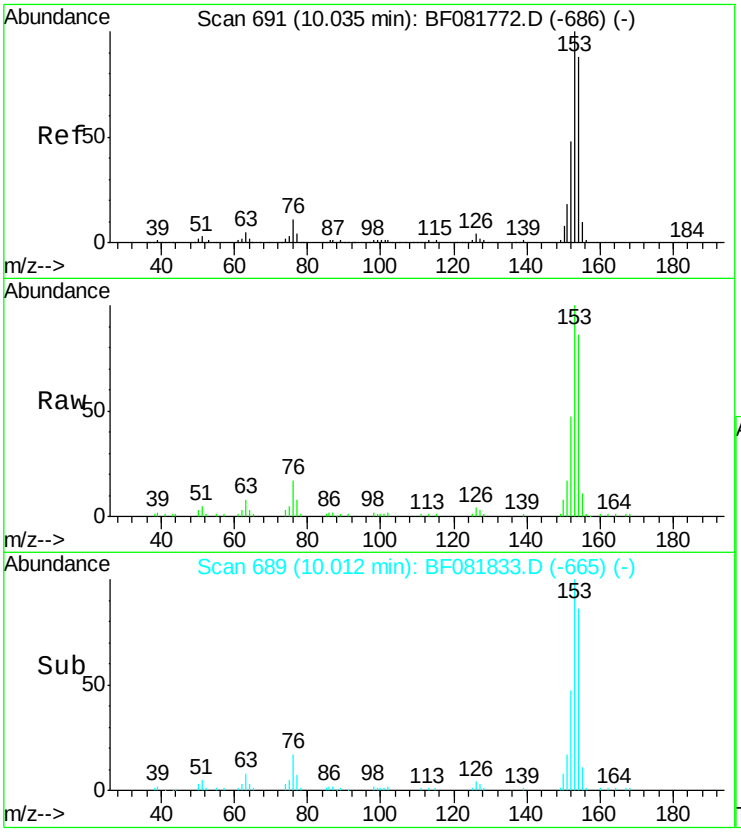


#49
Dimethylphthalate
Concen: 19.78 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:163 Resp: 312913

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.4	8.3	12.5



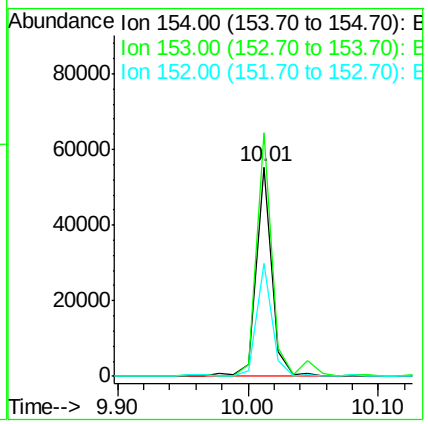


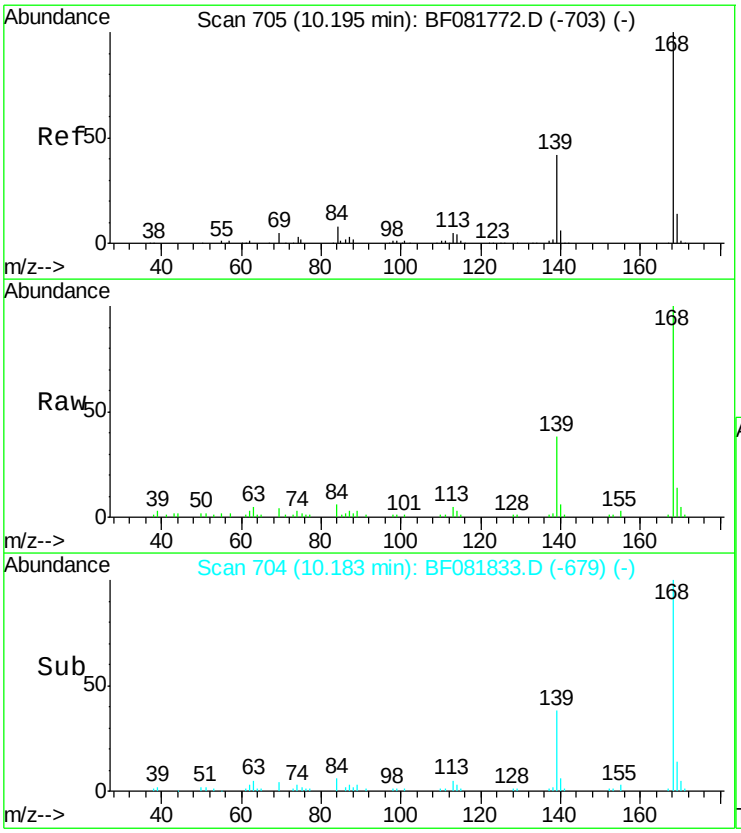
#51
Acenaphthene
Concen: 3.61 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:154 Resp: 46081

Ion	Ratio	Lower	Upper
154	100		
153	116.4	82.1	123.1
152	54.2	37.9	56.9

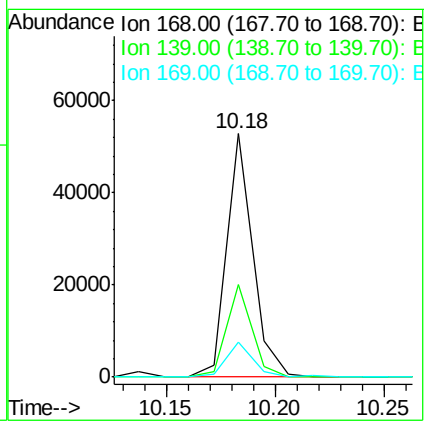


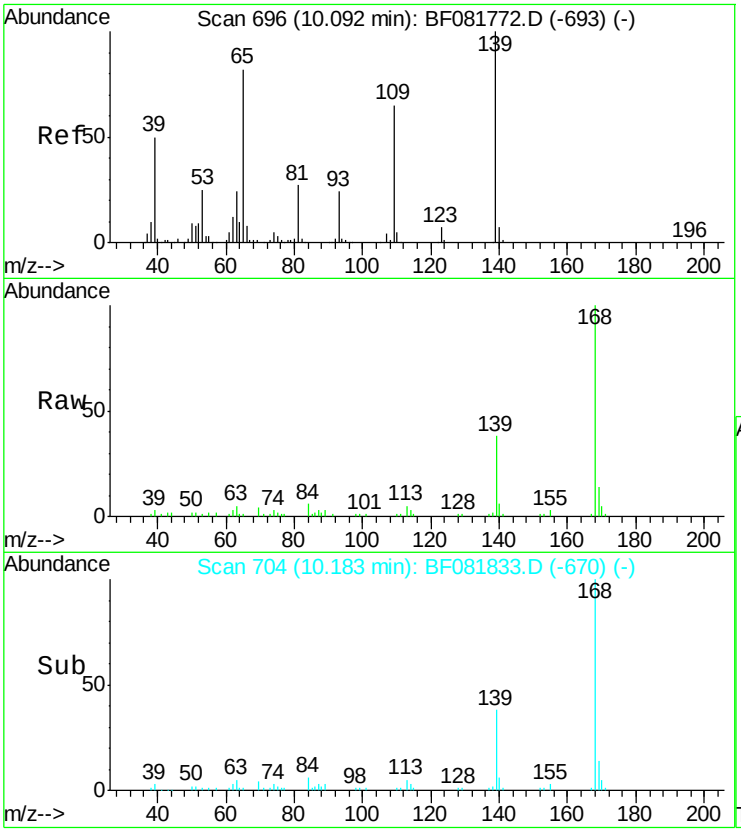


#54
Dibenzofuran
Concen: 2.35 ng
RT: 10.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:168 Resp: 43887

Ion	Ratio	Lower	Upper
168	100		
139	37.9	24.2	36.2#
169	14.3	10.6	15.8



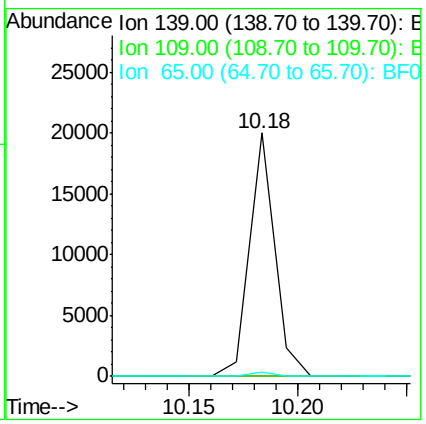


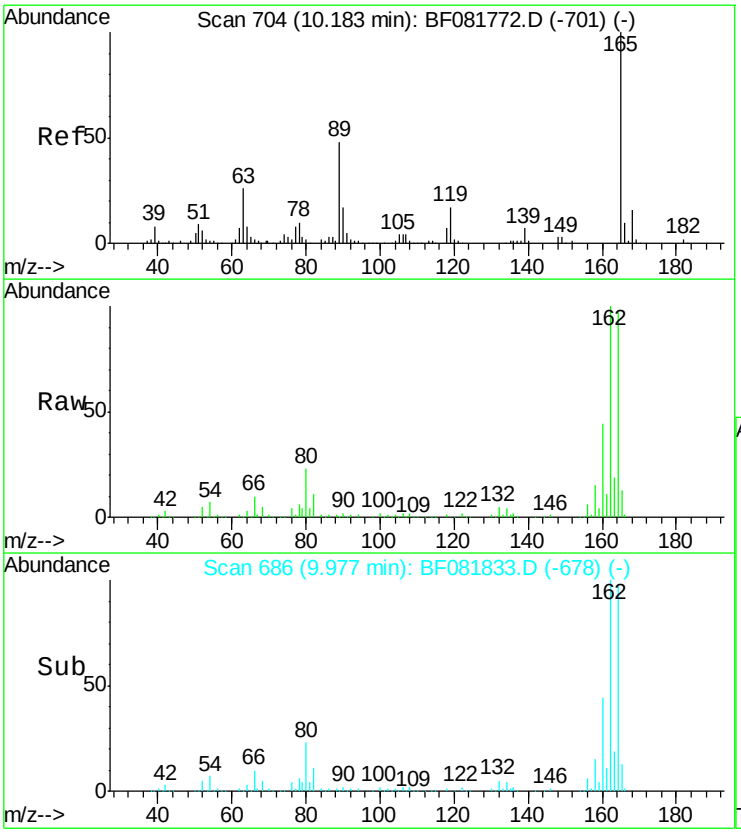
#55
4-Nitrophenol
Concen: 7.09 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.09 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:139 Resp: 16186

Ion	Ratio	Lower	Upper
139	100		
109	0.0	12.7	52.7#
65	1.8	45.9	85.9#

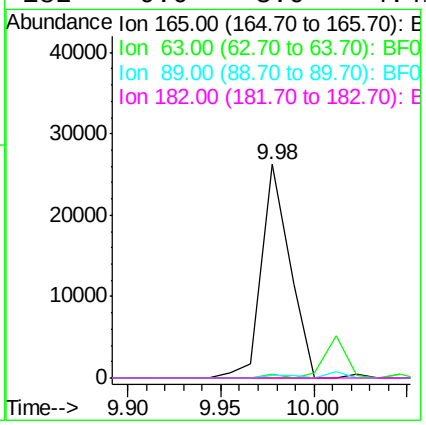


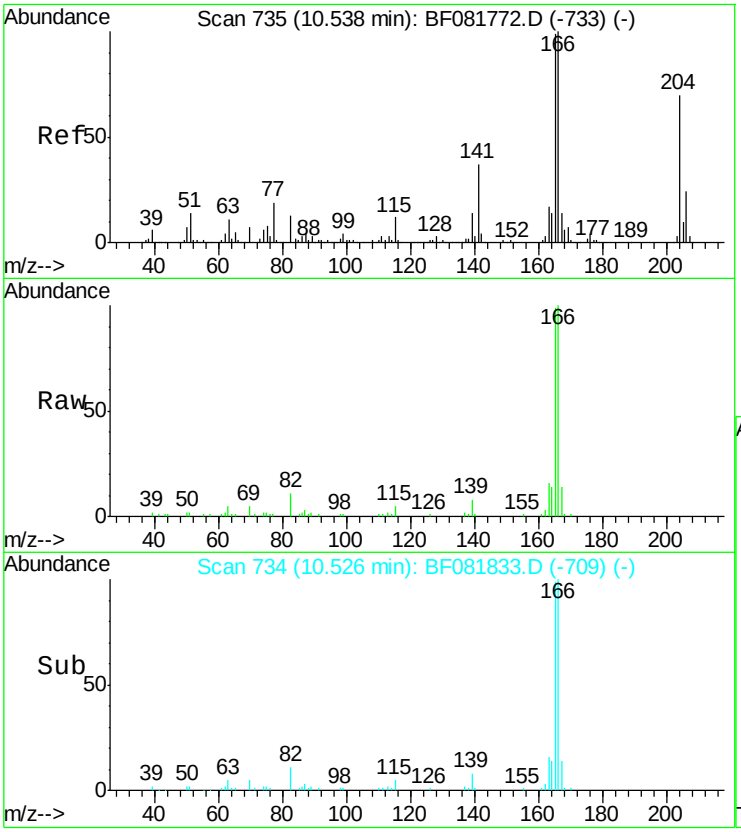


#56
2,4-Dinitrotoluene
Concen: 7.51 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.21 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:165 Resp: 27450

Ion	Ratio	Lower	Upper
165	100		
63	1.5	29.8	44.6#
89	1.5	44.5	66.7#
182	0.0	3.0	4.4#



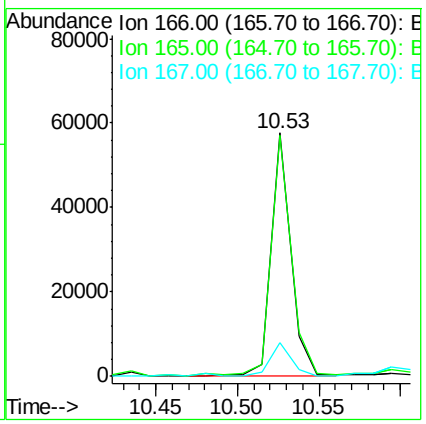


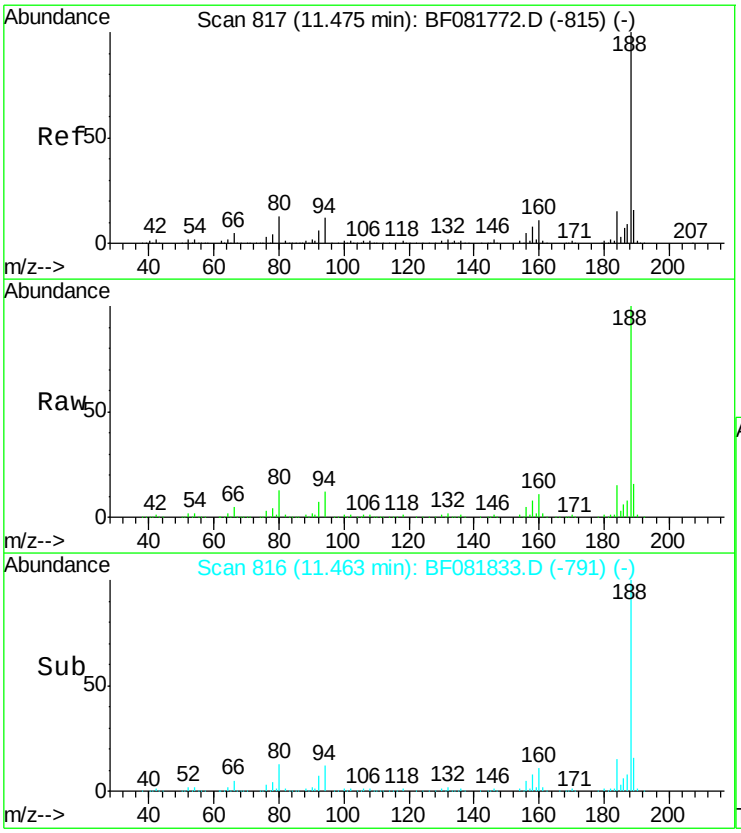
#57
Fluorene
Concen: 3.42 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:166 Resp: 49138

Ion	Ratio	Lower	Upper
166	100		
165	99.0	72.6	109.0
167	14.1	10.6	16.0

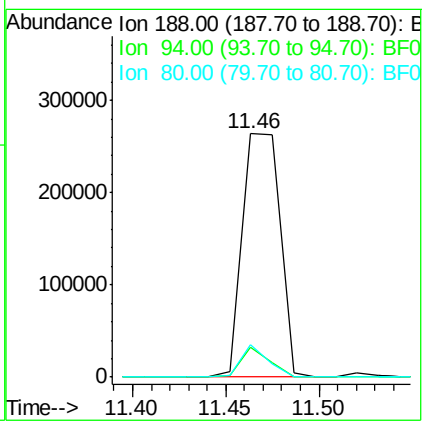


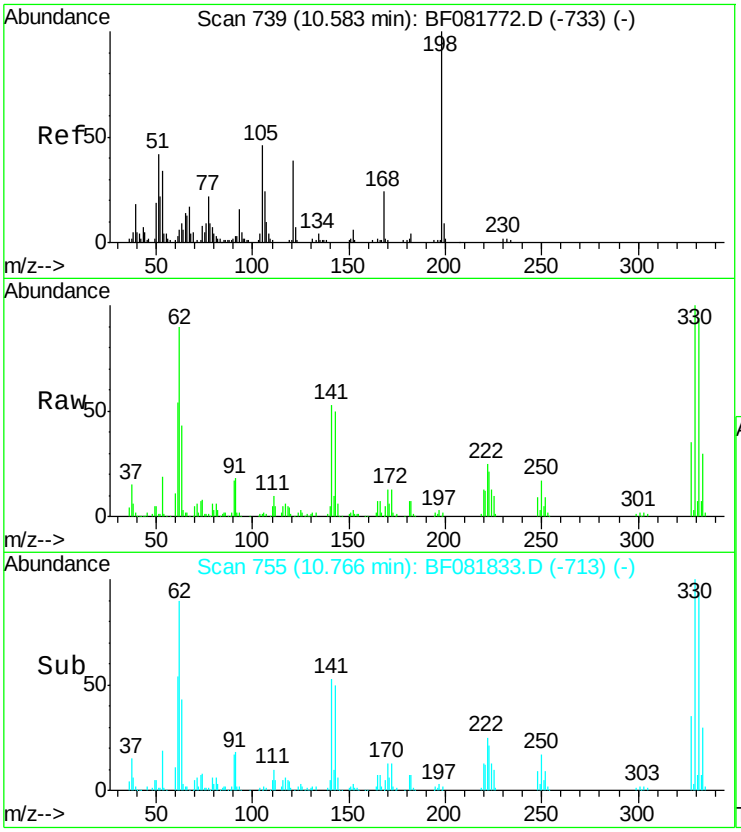


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:188 Resp: 369470

Ion	Ratio	Lower	Upper
188	100		
94	12.2	11.1	16.7
80	13.1	11.0	16.4



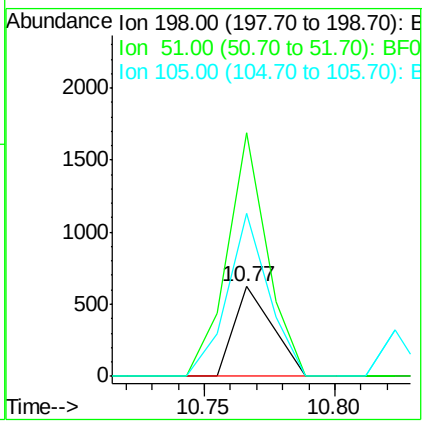


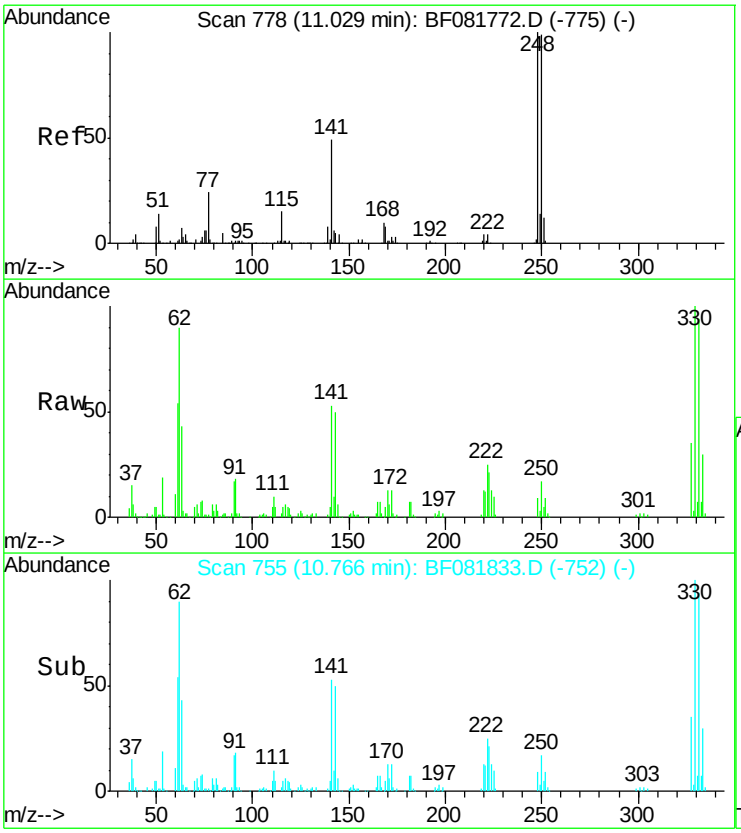
#64
4,6-Dinitro-2-methylphenol
Concen: 8.62 ng
RT: 10.77 min Scan# 755
Delta R.T. 0.18 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:198 Resp: 639

Ion	Ratio	Lower	Upper
198	100		
51	271.5	39.6	79.6#
105	182.0	28.5	68.5#

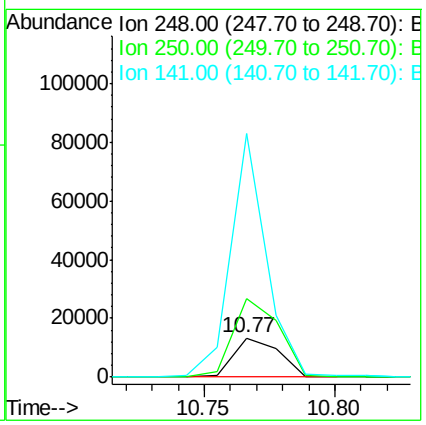


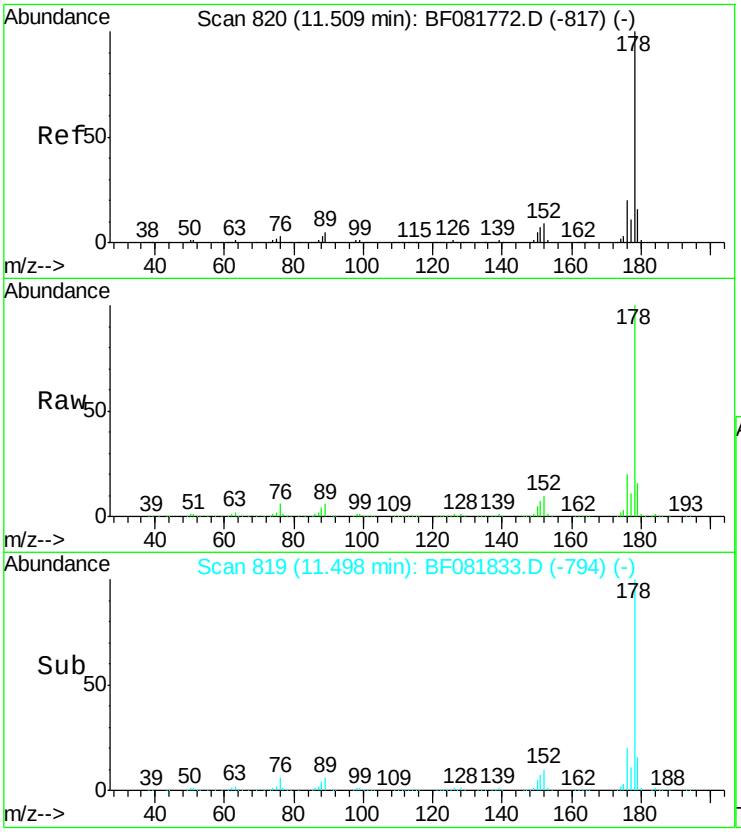


#66
4-Bromophenyl-phenylether
Concen: 3.96 ng
RT: 10.77 min Scan# 755
Delta R.T. -0.26 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:248 Resp: 16273

Ion	Ratio	Lower	Upper
248	100		
250	197.8	78.5	117.7#
141	618.4	59.0	88.6#



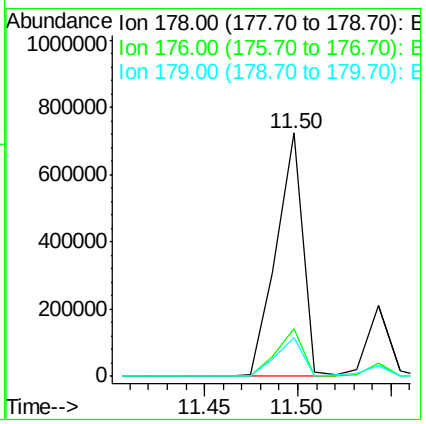


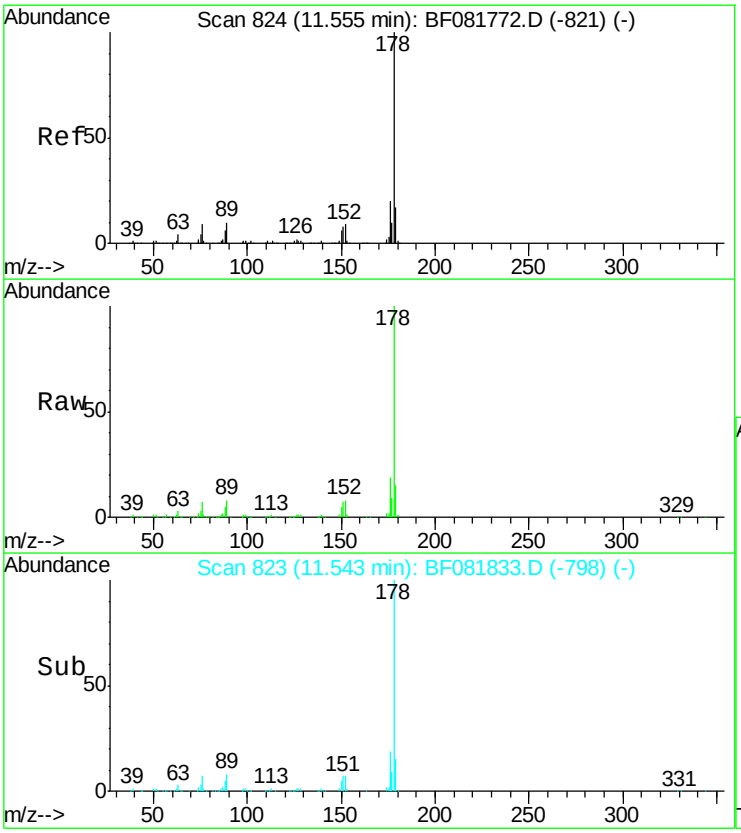
#70
Phenanthrene
Concen: 34.16 ng
RT: 11.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:178 Resp: 721603

Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.8	20.8
179	15.7	12.2	18.2

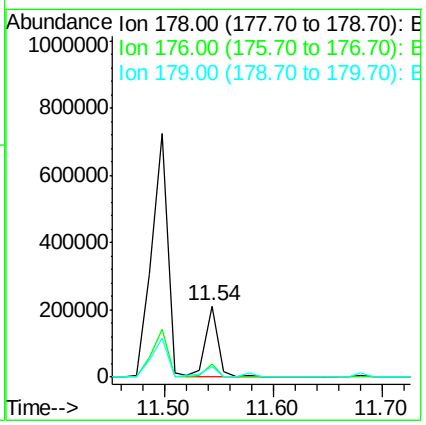


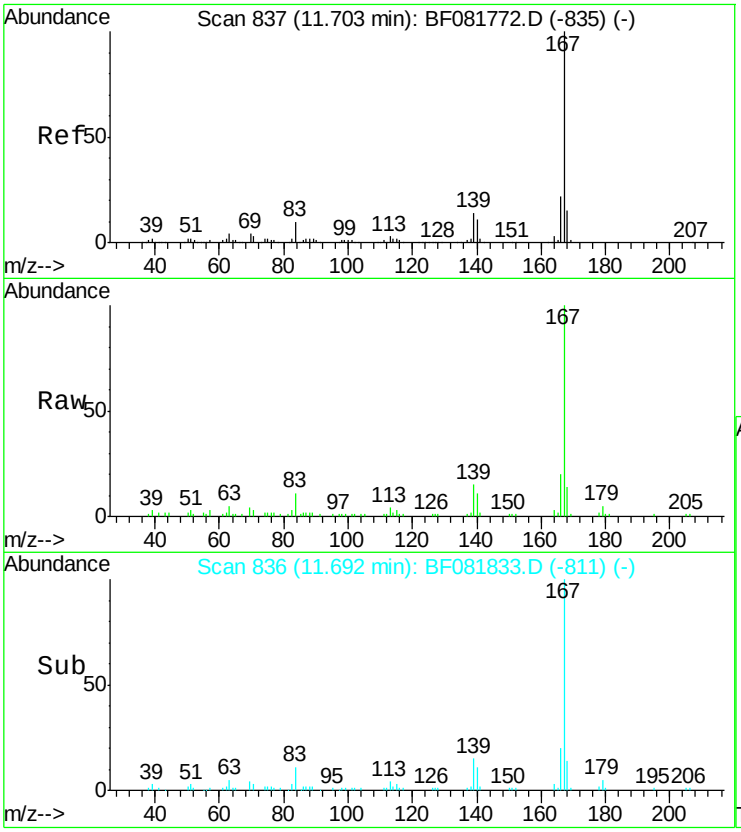


#71
Anthracene
Concen: 8.62 ng
RT: 11.54 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:178 Resp: 175544

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.1	21.1
179	15.4	12.2	18.2



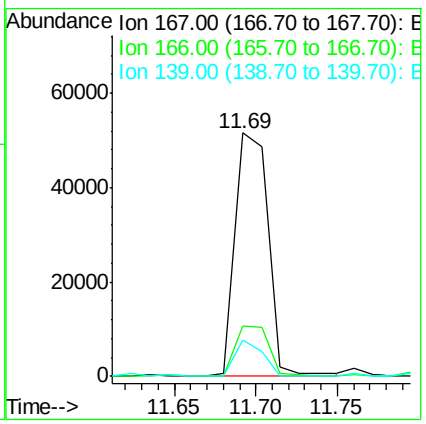


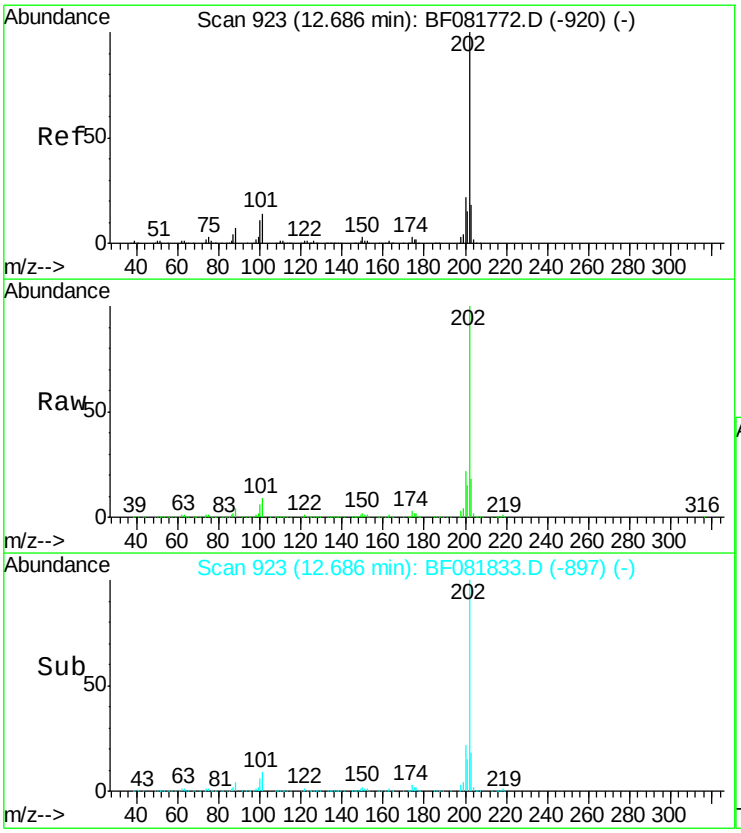
#72
Carbazole
Concen: 3.80 ng
RT: 11.69 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:167 Resp: 71830

Ion	Ratio	Lower	Upper
167	100		
166	20.4	15.7	23.5
139	14.8	9.5	14.3#

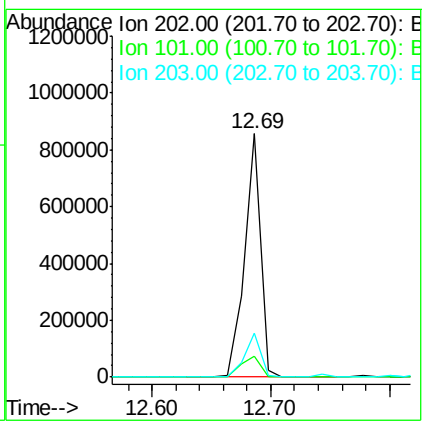


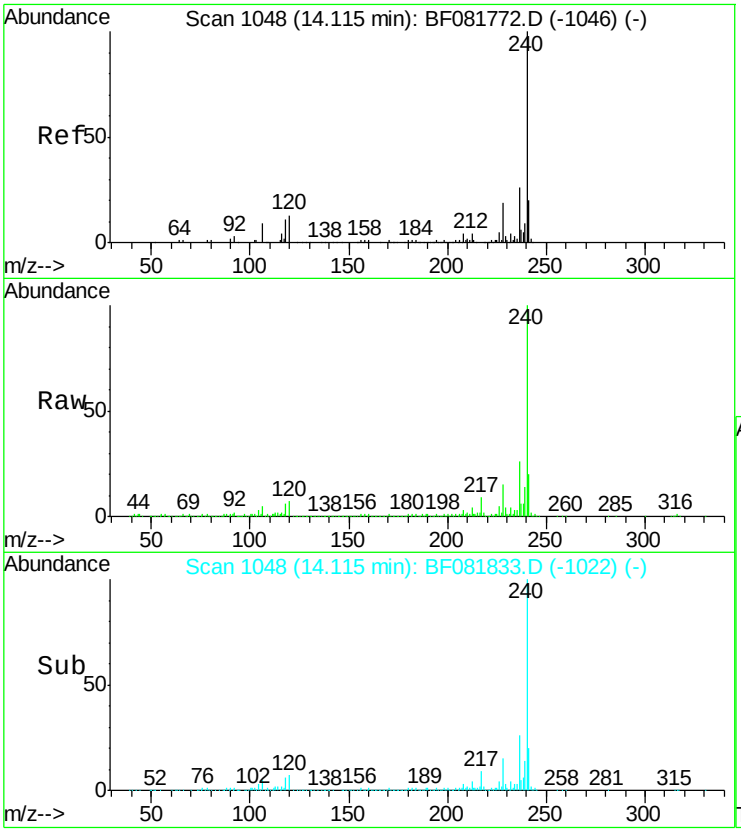


#74
Fluoranthene
Concen: 37.92 ng
RT: 12.69 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:202 Resp: 807021

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	38.3
203	18.0	0.0	37.3



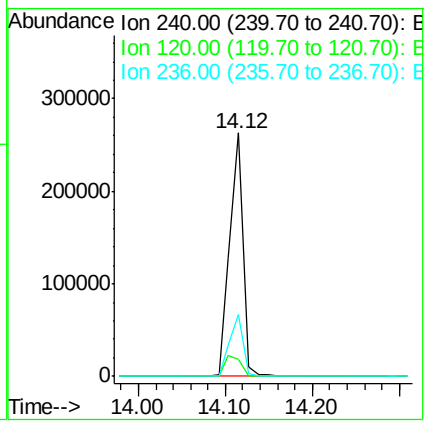


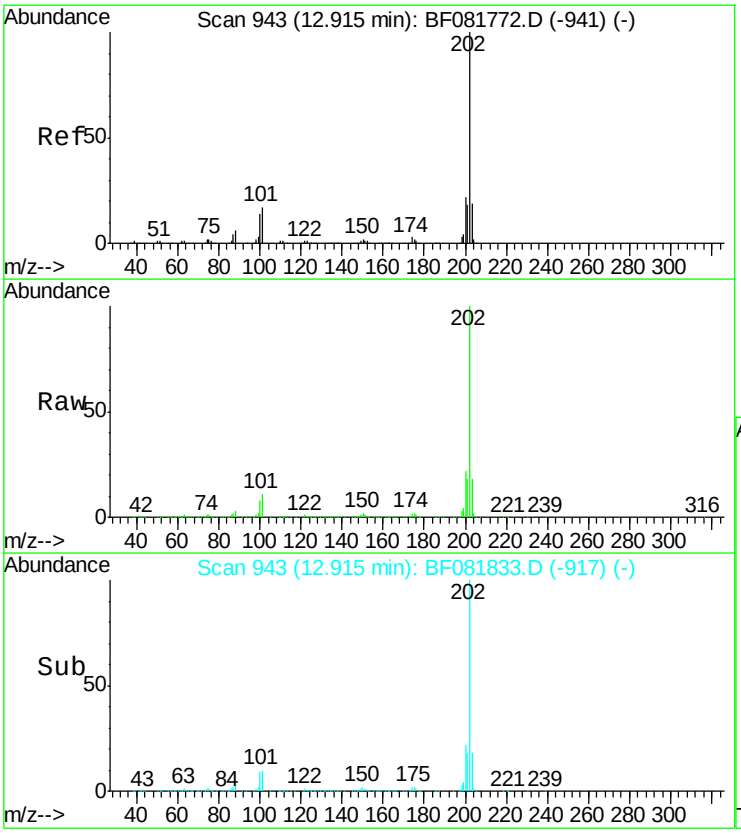
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:240 Resp: 278514

Ion	Ratio	Lower	Upper
240	100		
120	7.2	16.2	24.2#
236	25.7	18.4	27.6

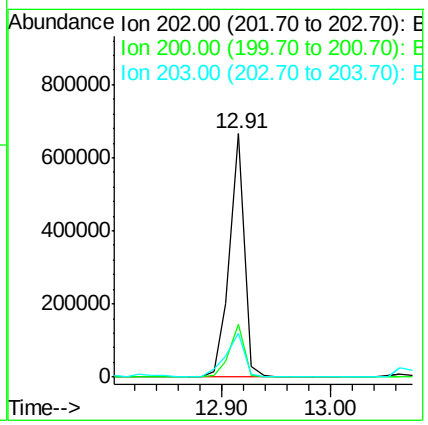


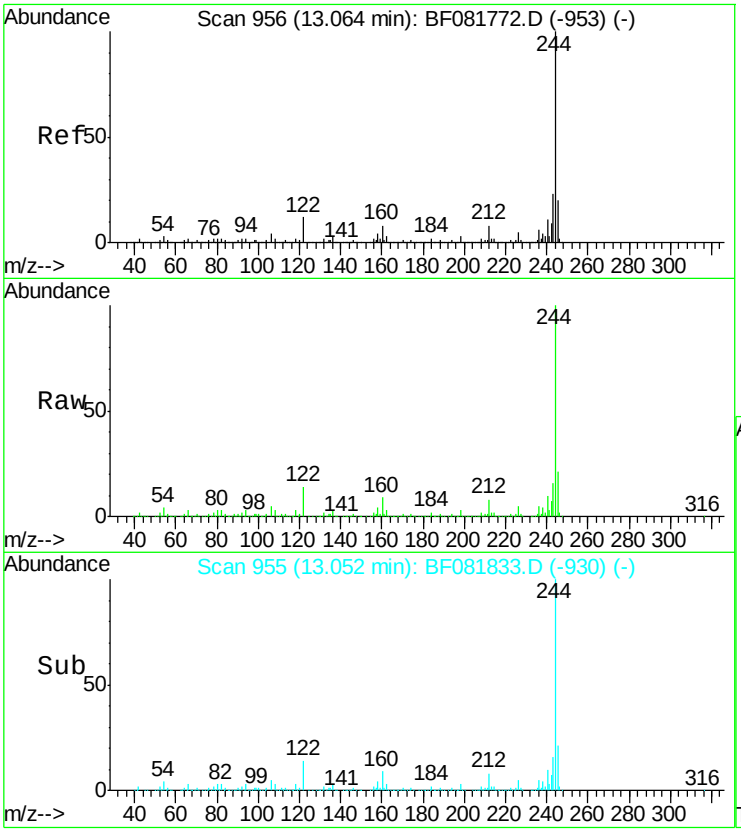


#77
Pyrene
Concen: 29.91 ng
RT: 12.91 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:202 Resp: 628035

Ion	Ratio	Lower	Upper
202	100		
200	21.9	15.0	22.4
203	18.3	14.1	21.1



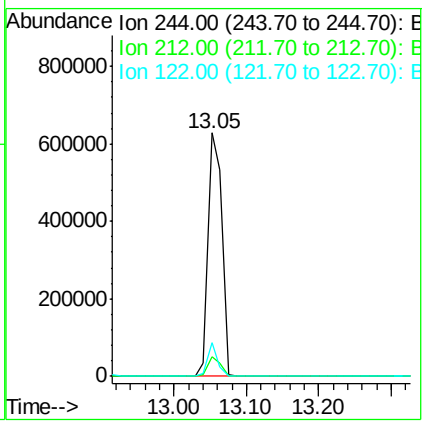


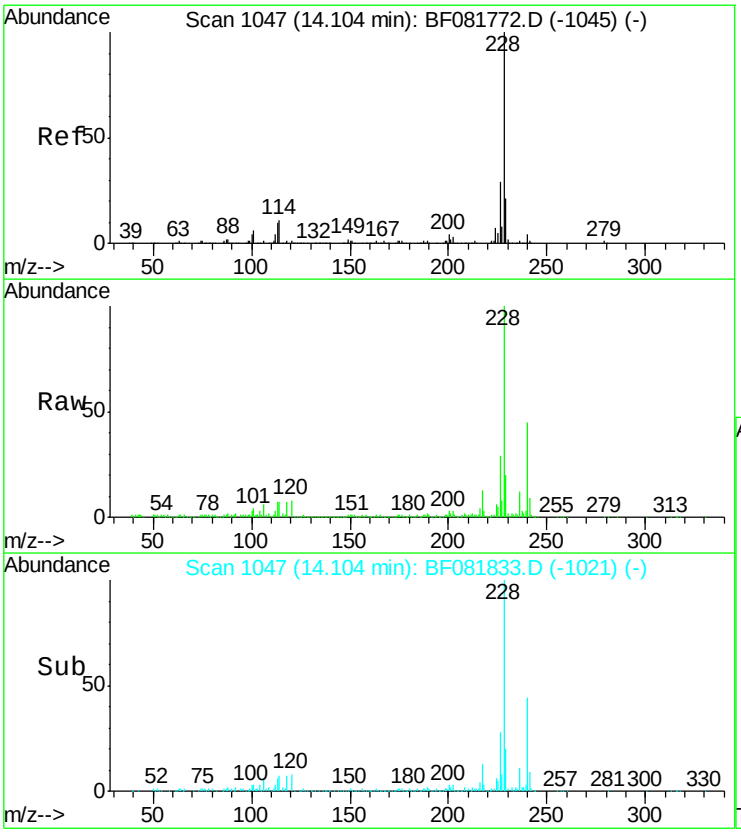
#78
Terphenyl-d14
Concen: 67.99 ng
RT: 13.05 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:244 Resp: 828914

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	13.8	17.4	26.2#

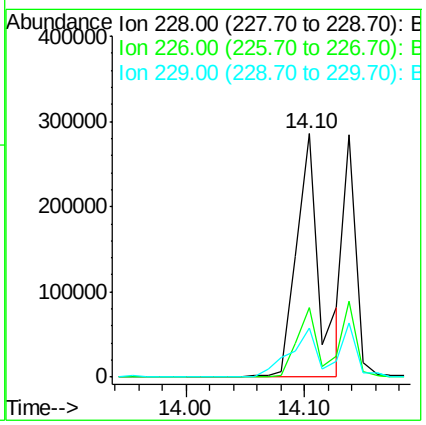


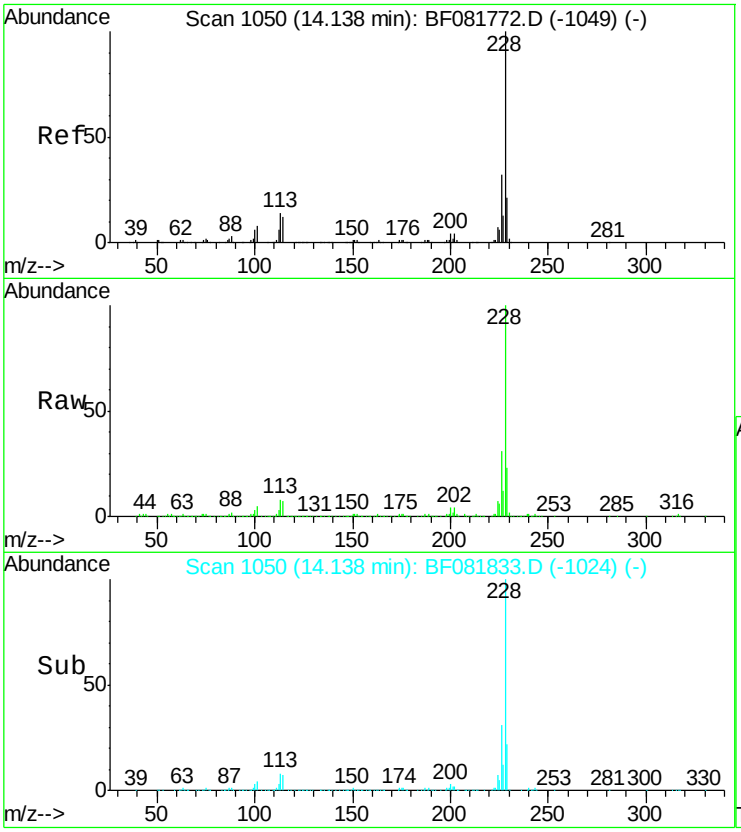


#80
Benzo(a)anthracene
Concen: 22.60 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:228 Resp: 381720

Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.0	30.0
229	19.9	15.4	23.2



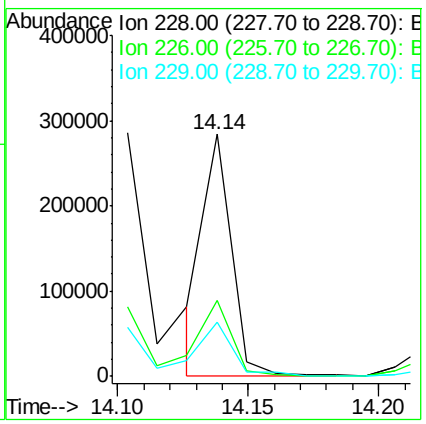


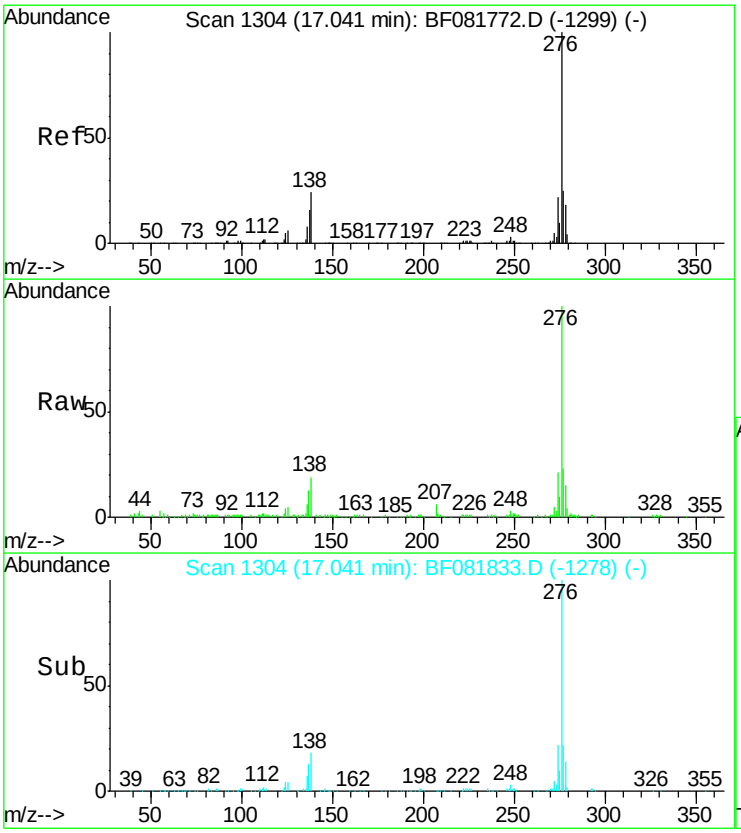
#82
Chrysene
Concen: 12.87 ng
RT: 14.14 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:228 Resp: 208376

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.0	31.4
229	22.5	15.6	23.4

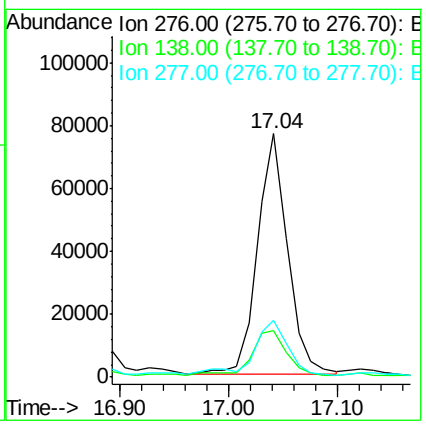


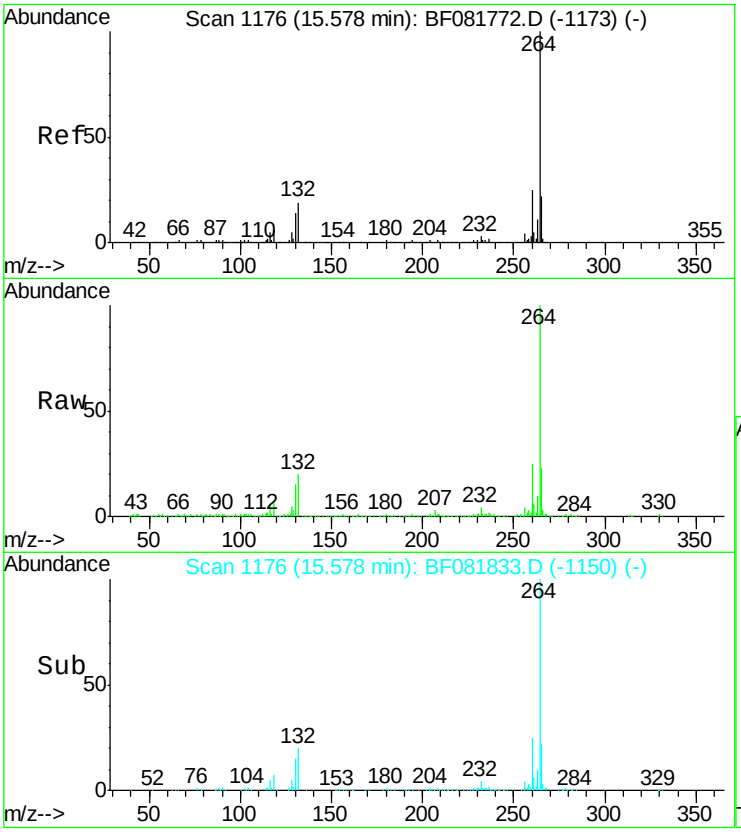


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.92 ng
RT: 17.04 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:276 Resp: 147080

Ion	Ratio	Lower	Upper
276	100		
138	21.4	25.7	38.5#
277	27.8	15.6	23.4#



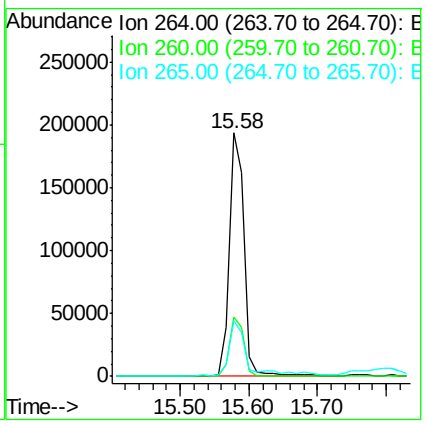


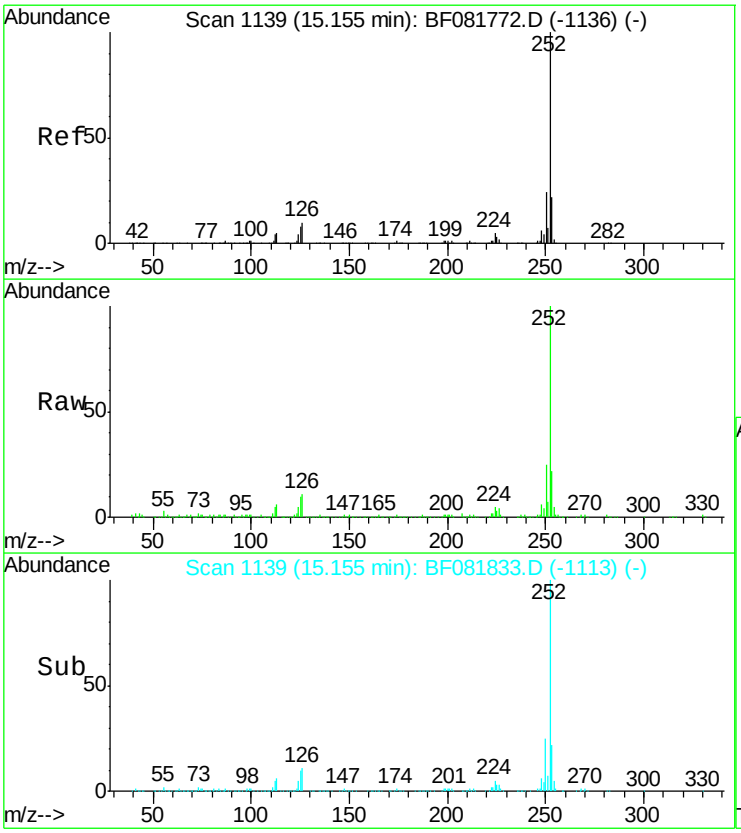
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:264 Resp: 293248

Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	22.7	17.2	25.8

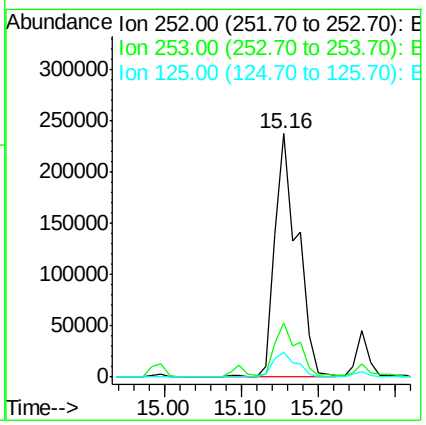


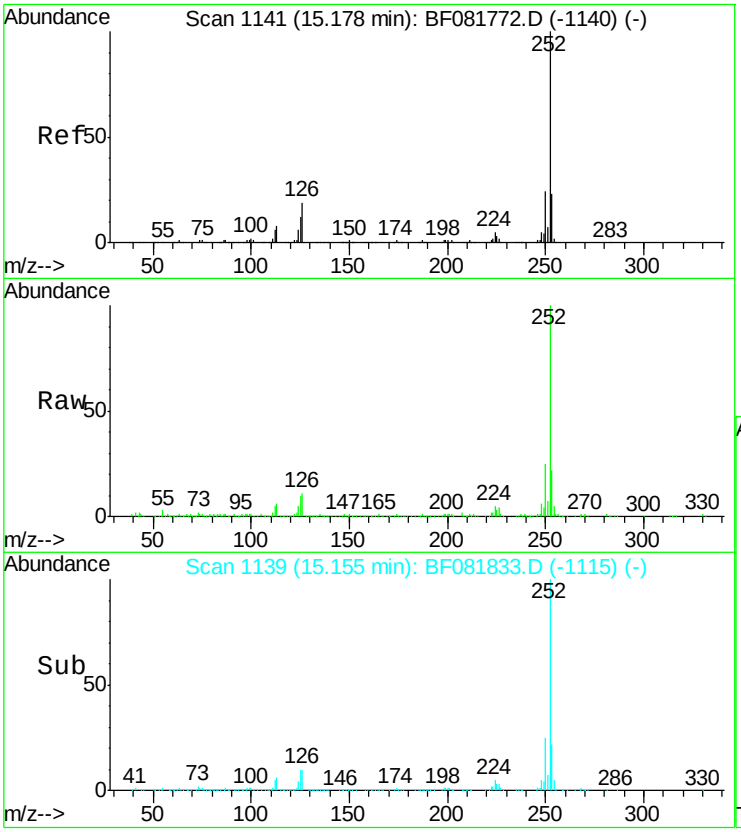


#87
Benzo(b)fluoranthene
Concen: 28.10 ng
RT: 15.16 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:252 Resp: 488684

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.2	17.1	25.7#



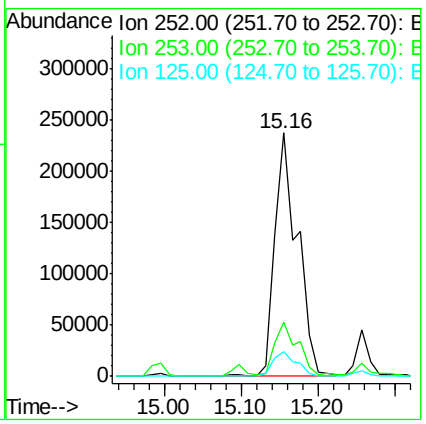


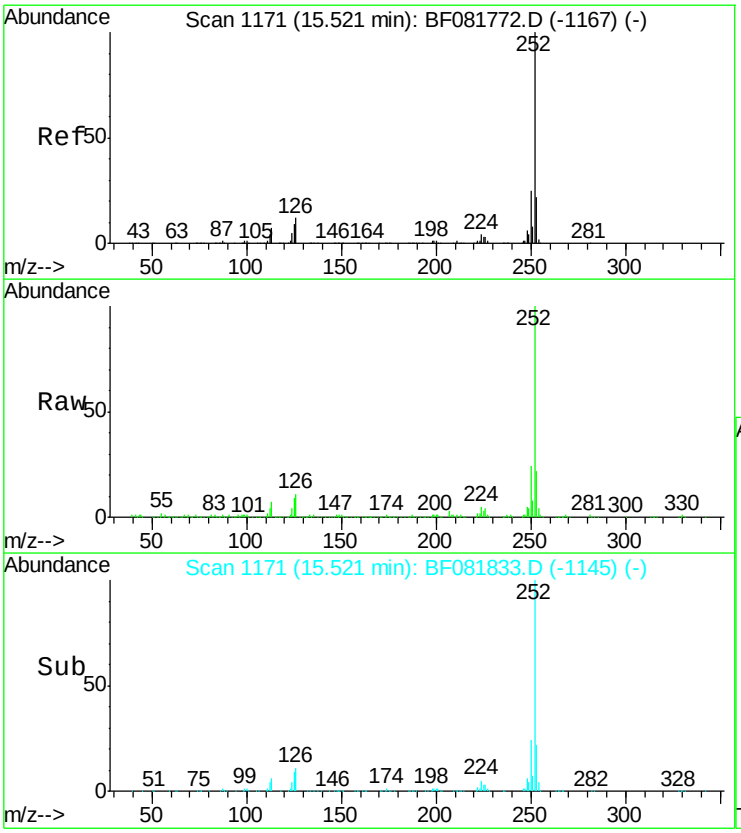
#88
Benzo(k)fluoranthene
Concen: 29.17 ng
RT: 15.16 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:252 Resp: 488684

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	10.2	16.0	24.0#

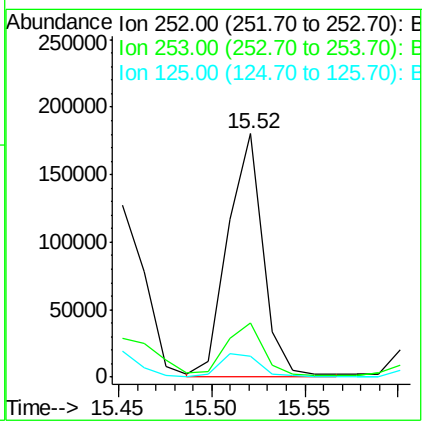


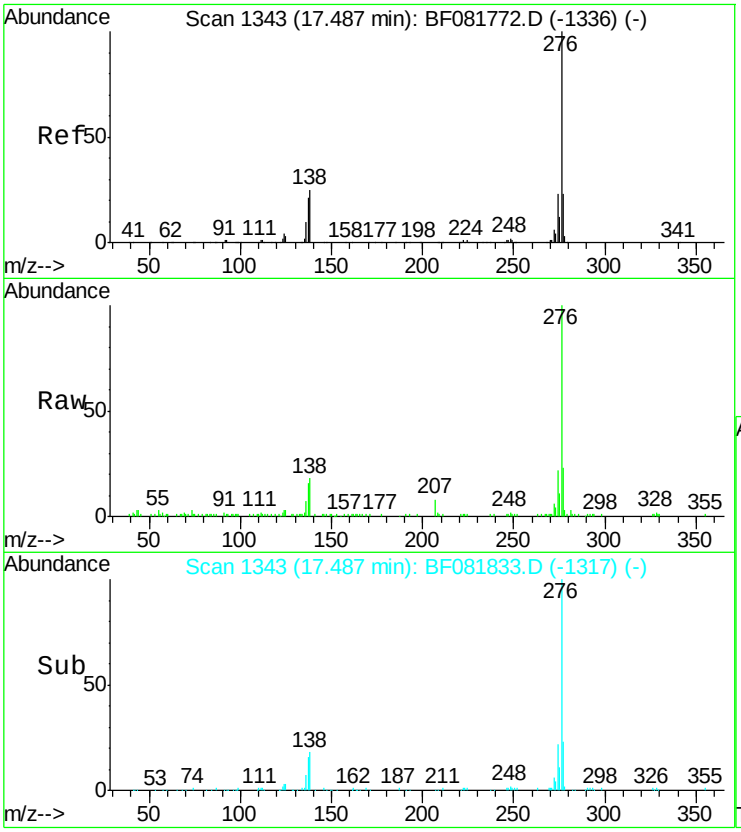


#89
Benzo(a)pyrene
Concen: 15.17 ng
RT: 15.52 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Tgt Ion:252 Resp: 238207

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	8.8	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 7.89 ng
RT: 17.49 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF081833.D
Acq: 26 Sep 2015 17:56

Instrument :
BNA_F
ClientSampleId :
S1-18

Tgt Ion:276 Resp: 133081

Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.8	26.6
138	18.2	34.6	51.8#