Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081836.D
Acq On : 26 Sep 2015 19:27
Operator : UM/IZ
Sample : G3779-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1-30

Quant Time: Sep 28 07:26:01 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	118588	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	458156	20.00	ng		-0.01
38) Acenaphthene-d10	9.98	164	203722	20.00	ng		-0.02
63) Phenanthrene-d10	11.46	188	379479	20.00	ng		-0.01
75) Chrysene-d12	14.12	240	300159	20.00	ng		0.00
86) Perylene-d12	15.58	264	305566	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	871683	124.35	ng		0.00
7) Phenol-d6	6.56	99	1118749	126.18	ng		-0.01
23) Nitrobenzene-d5	7.51	82	741257	106.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	294370	166.43	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	1117223	90.02	ng		-0.01
78) Terphenyl-d14	13.06	244	1046466	79.64	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.25	128	74292	3.51	ng		99
49) Dimethylphthalate	9.69	163	288698	18.62	ng	#	97
70) Phenanthrene	11.50	178	332614	15.33	ng		98
71) Anthracene	11.54	178	75188	3.60	ng		98
72) Carbazole	11.69	167	54317	2.80	ng	#	95
74) Fluoranthene	12.69	202	376856	17.24	ng		86
77) Pyrene	12.91	202	293385	12.96	ng		98
80) Benzo(a)anthracene	14.10	228	143656	7.89	ng		95
82) Chrysene	14.14	228	111557m	6.39	ng		
85) Indeno(1,2,3-cd)pyrene	17.04	276	64426	4.03	ng	#	86
87) Benzo(b)fluoranthene	15.14	252	163392m	9.02	ng		
88) Benzo(k)fluoranthene	15.18	252	47813m	2.74	ng		
89) Benzo(a)pyrene	15.51	252	93397	5.71	ng	#	87
91) Benzo(g,h,i)perylene	17.49	276	61733	3.51	ng	#	74

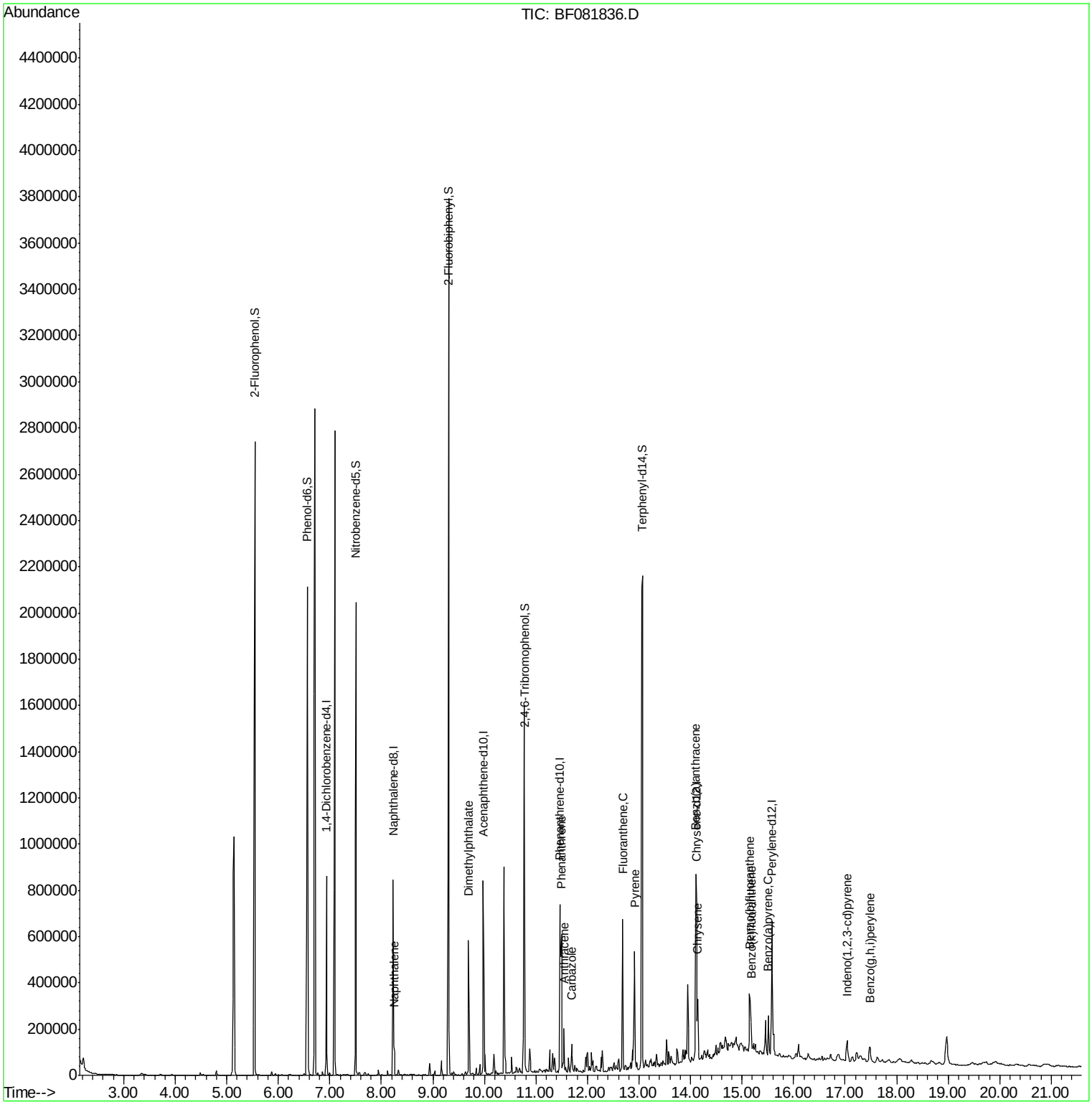
(#) = qualifier out of range (m) = manual integration (+) = signals summed

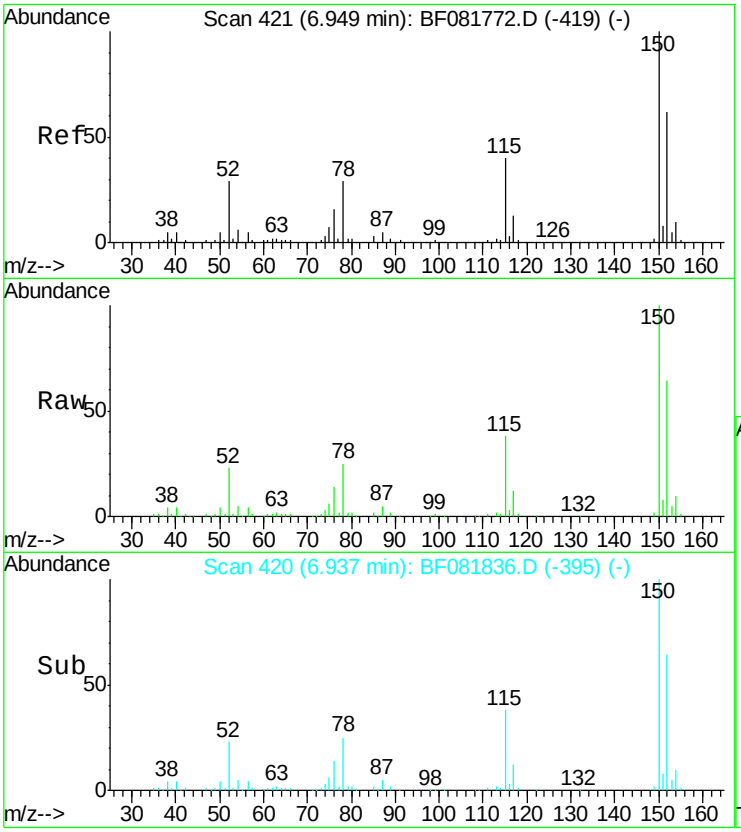
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081836.D
Acq On : 26 Sep 2015 19:27
Operator : UM/IZ
Sample : G3779-02
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1-30

Quant Time: Sep 28 07:26:01 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



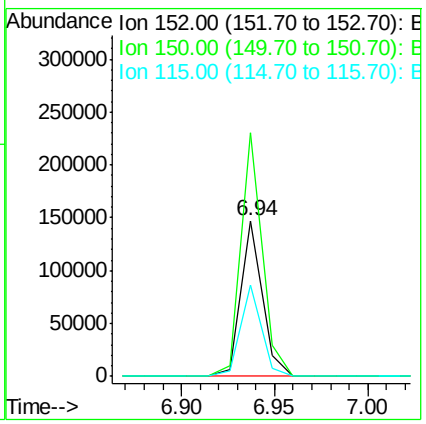


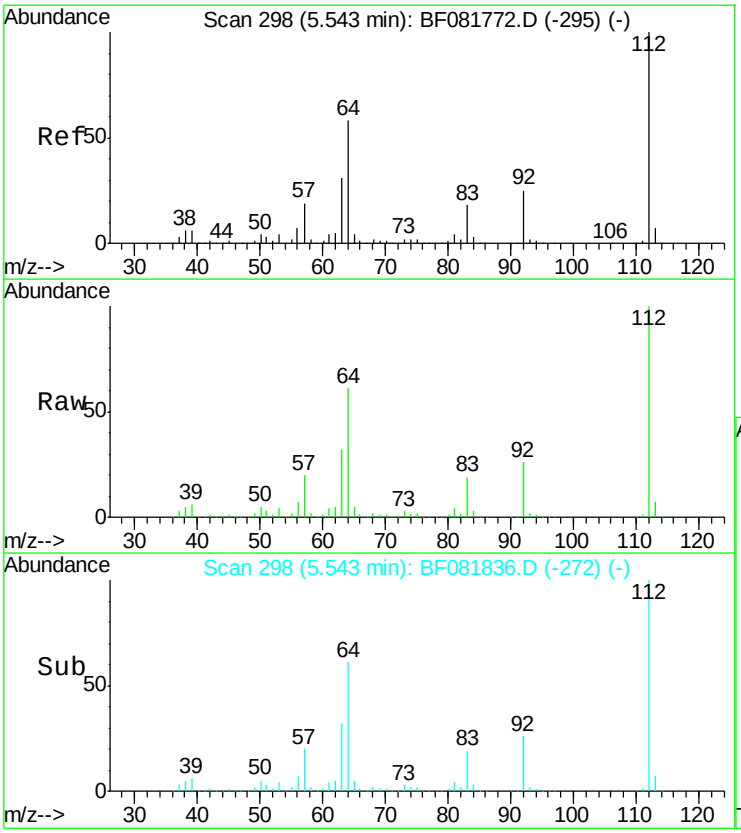
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion:152 Resp: 118588

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.7	187.1
115	59.1	39.0	58.4#

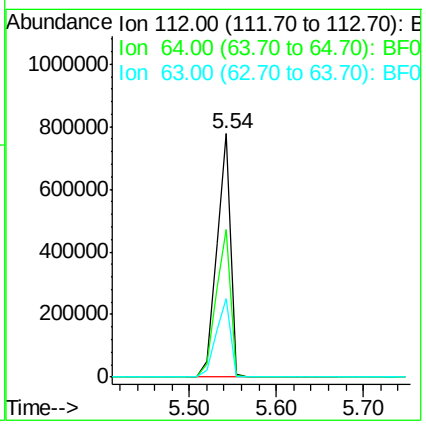


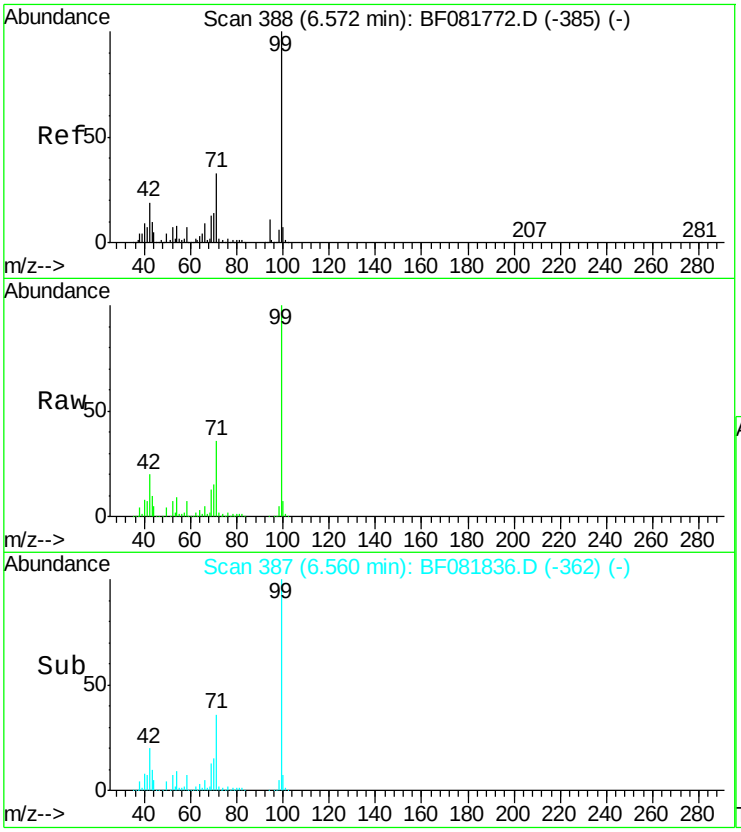


#5
2-Fluorophenol
Concen: 124.35 ng
RT: 5.54 min Scan# 298
Delta R.T. -0.00 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:112 Resp: 871683

Ion	Ratio	Lower	Upper
112	100		
64	60.8	39.7	59.5#
63	32.4	17.4	26.0#



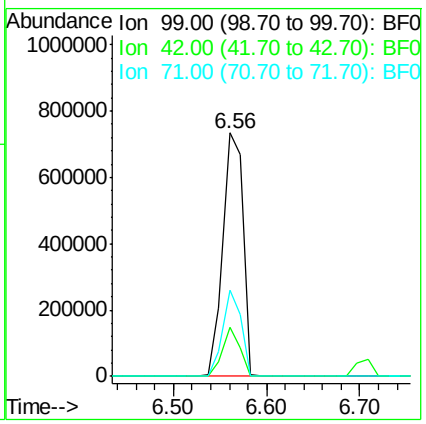


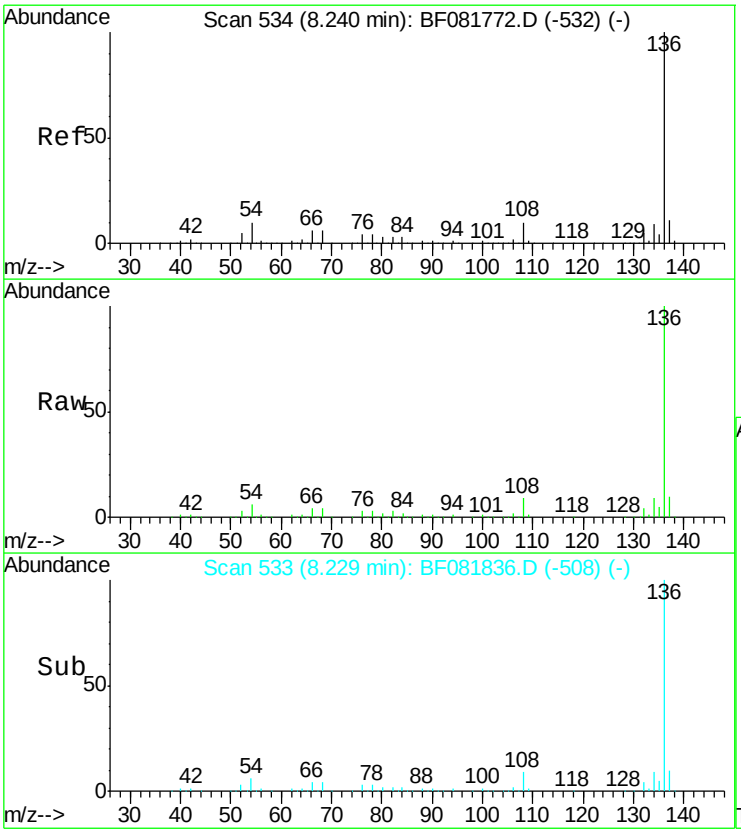
#7
Phenol-d6
Concen: 126.18 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion: 99 Resp: 1118749

Ion	Ratio	Lower	Upper
99	100		
42	20.2	13.7	20.5
71	35.6	14.2	21.2#

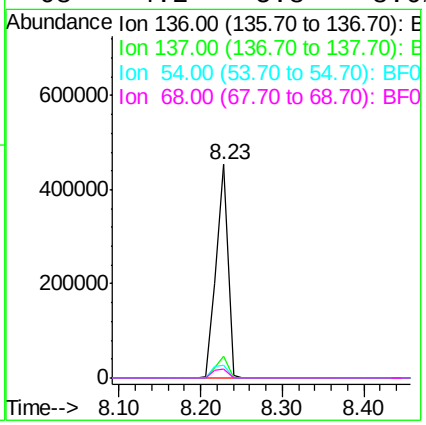


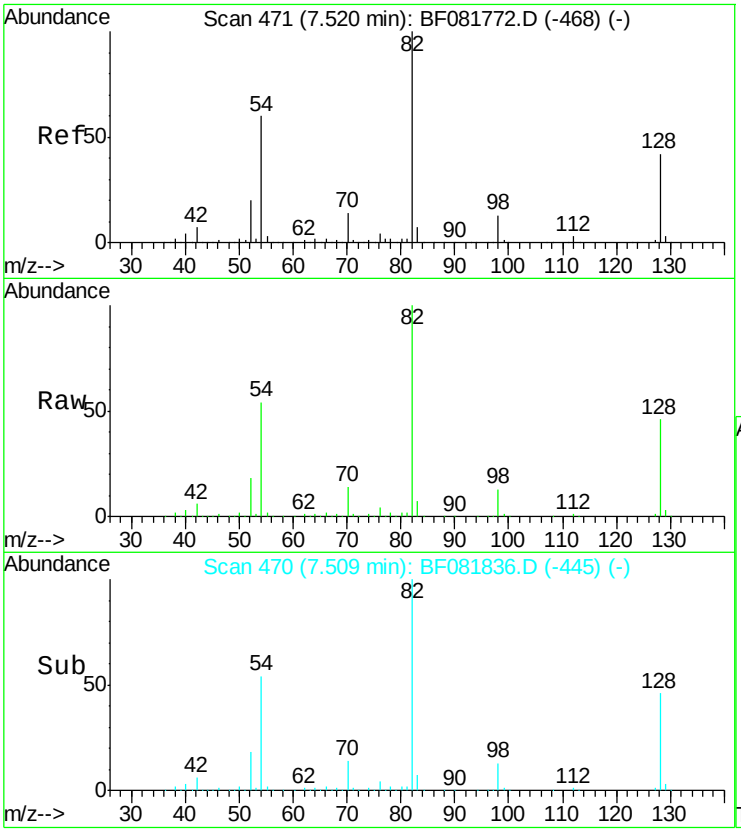


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:136 Resp: 458156

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	6.1	8.2	12.2#
68	4.2	5.8	8.6#



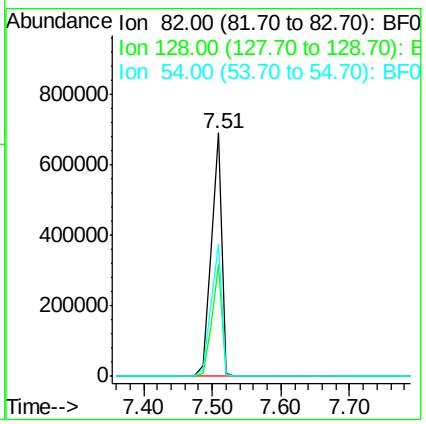


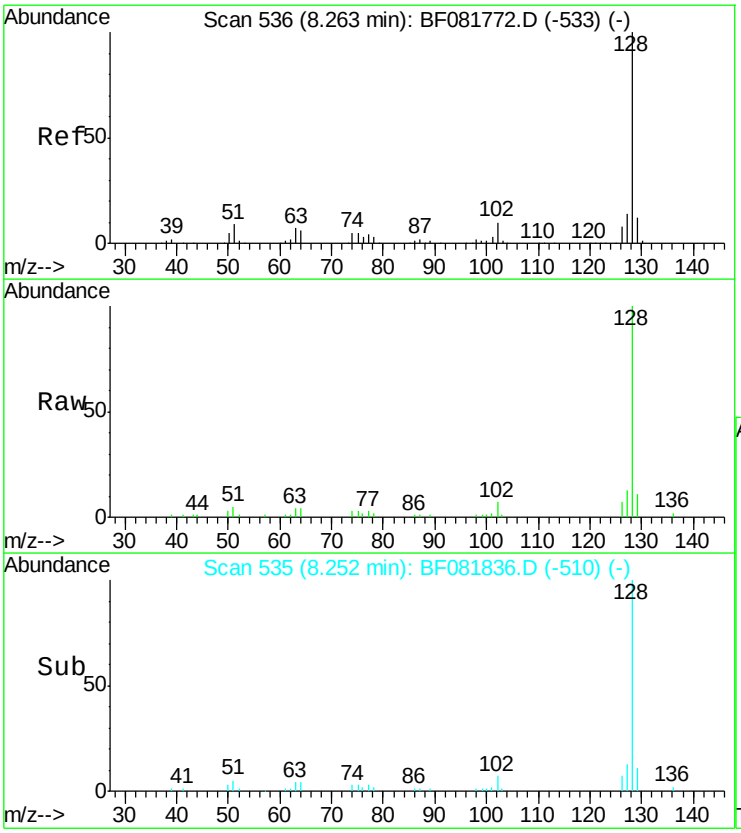
#23
Nitrobenzene-d5
Concen: 106.75 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion: 82 Resp: 741257

Ion	Ratio	Lower	Upper
82	100		
128	46.0	51.0	76.6#
54	54.4	47.5	71.3

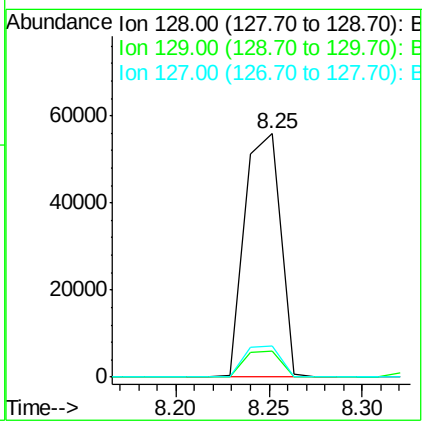


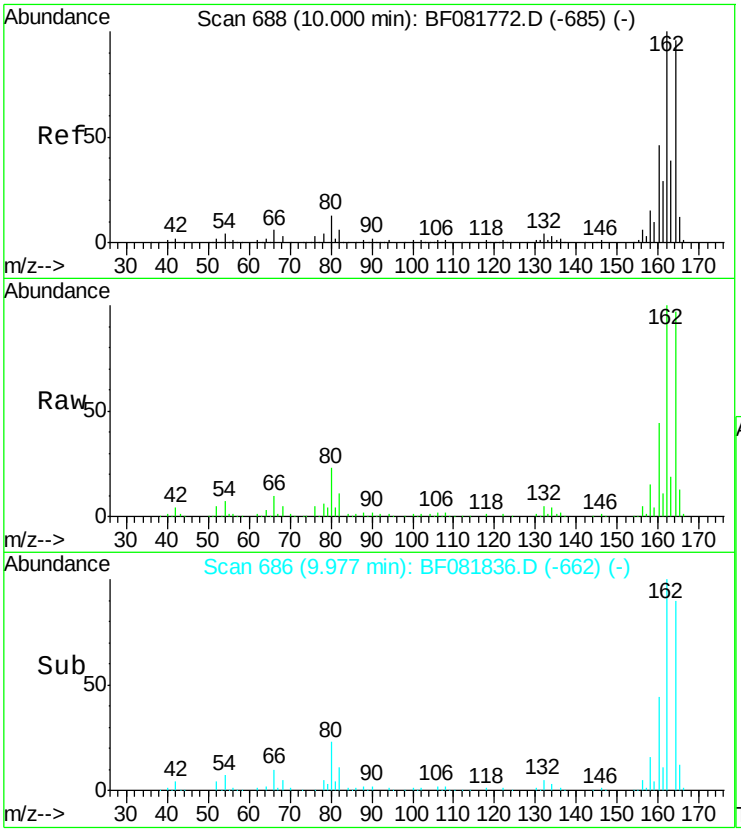


#31
Naphthalene
Concen: 3.51 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:128 Resp: 74292

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.4	12.6
127	12.9	9.9	14.9



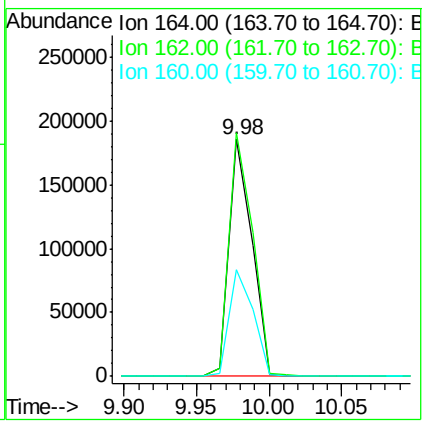


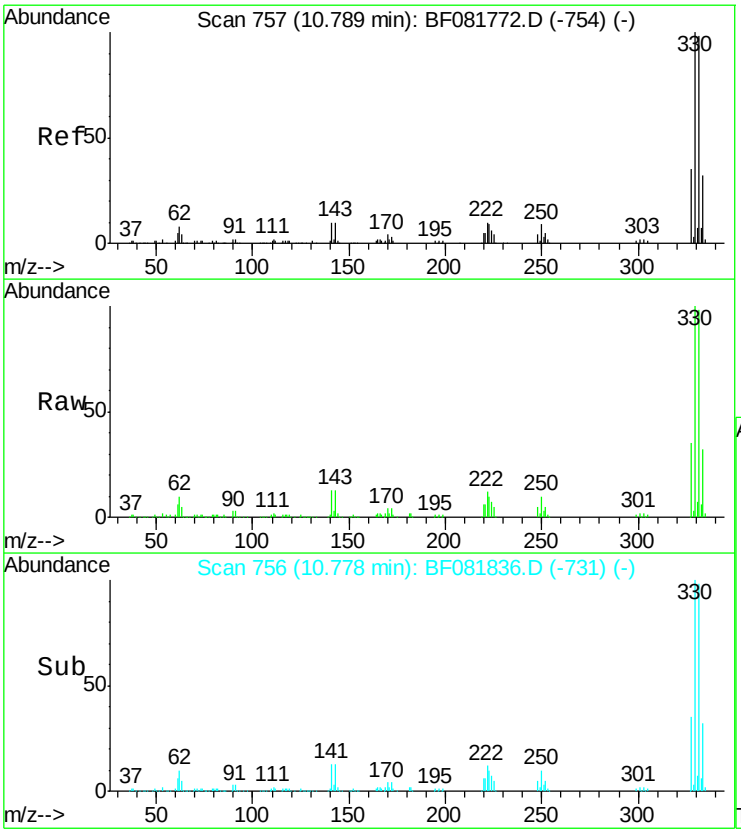
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion:164 Resp: 203722

Ion	Ratio	Lower	Upper
164	100		
162	102.7	75.2	112.8
160	44.8	31.5	47.3

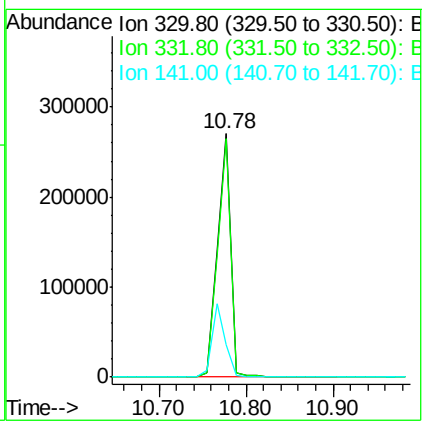


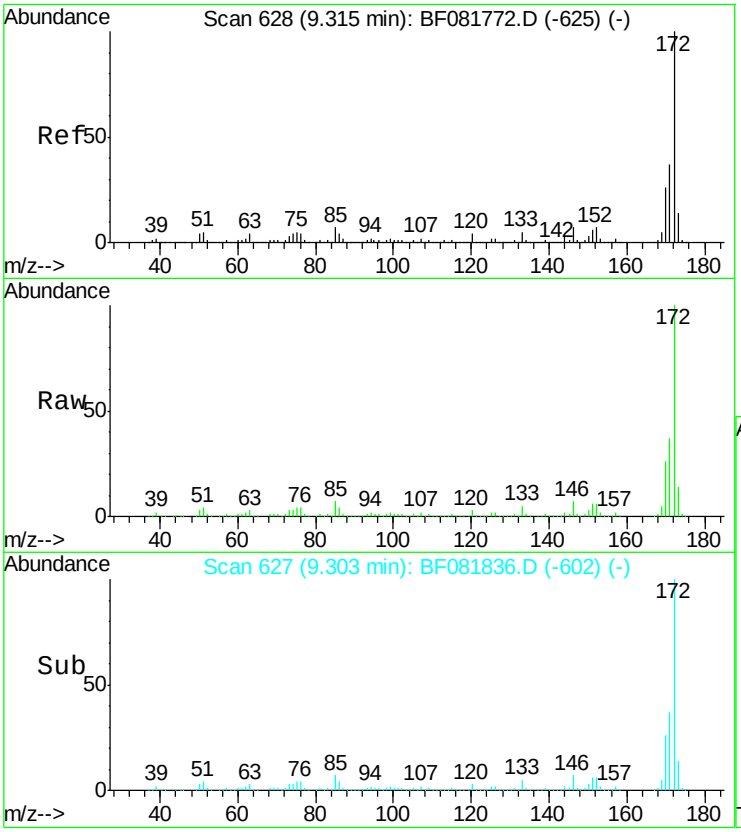


#41
2,4,6-Tribromophenol
Concen: 166.43 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:330 Resp: 294370

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	30.0	29.7	44.5



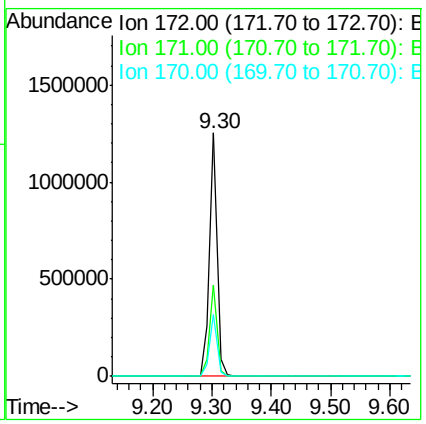


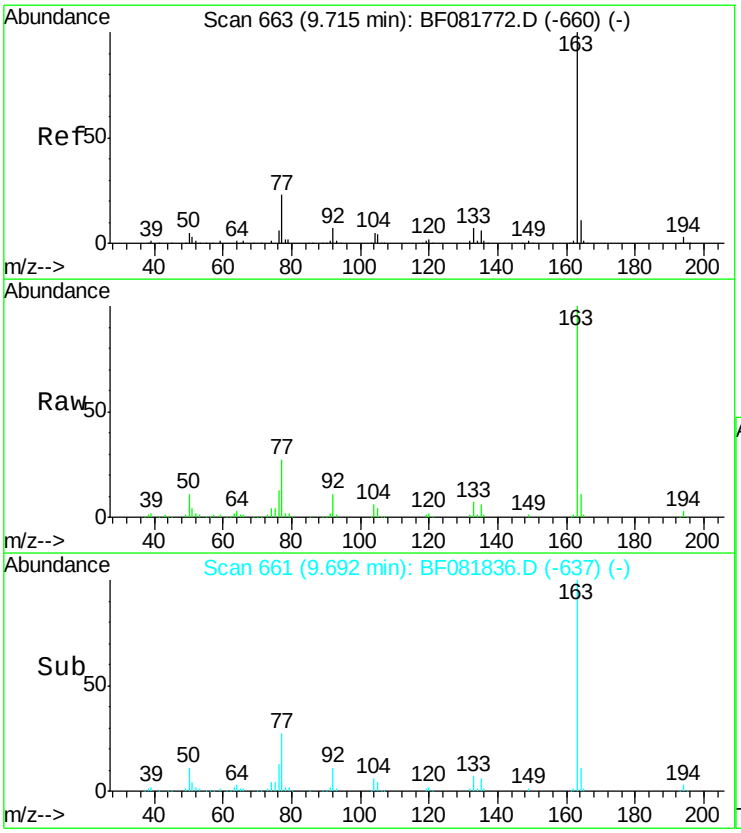
#44
2-Fluorobiphenyl
Concen: 90.02 ng
RT: 9.30 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion:172 Resp: 1117223

Ion	Ratio	Lower	Upper
172	100		
171	37.3	26.1	39.1
170	25.7	17.4	26.2

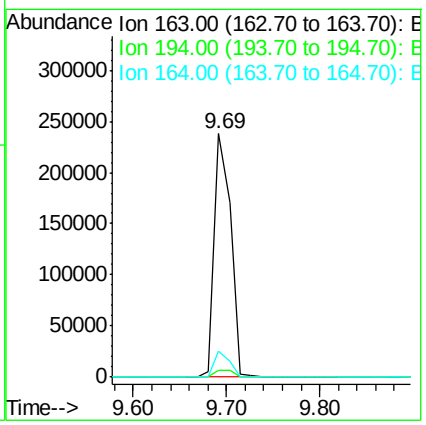


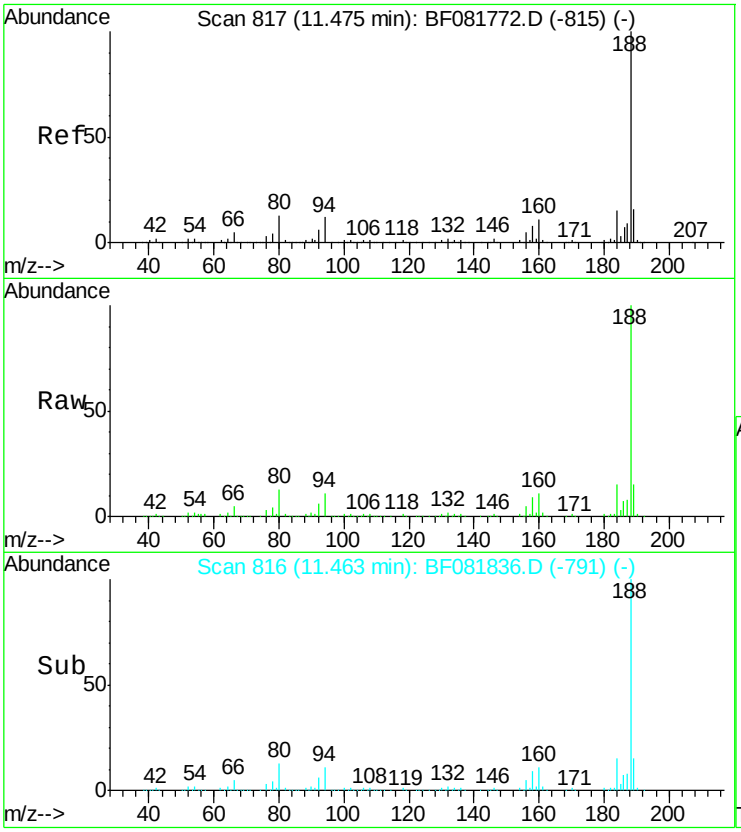


#49
Dimethylphthalate
Concen: 18.62 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:163 Resp: 288698

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.6	8.3	12.5



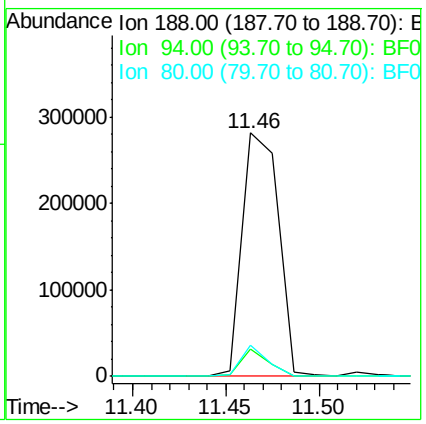


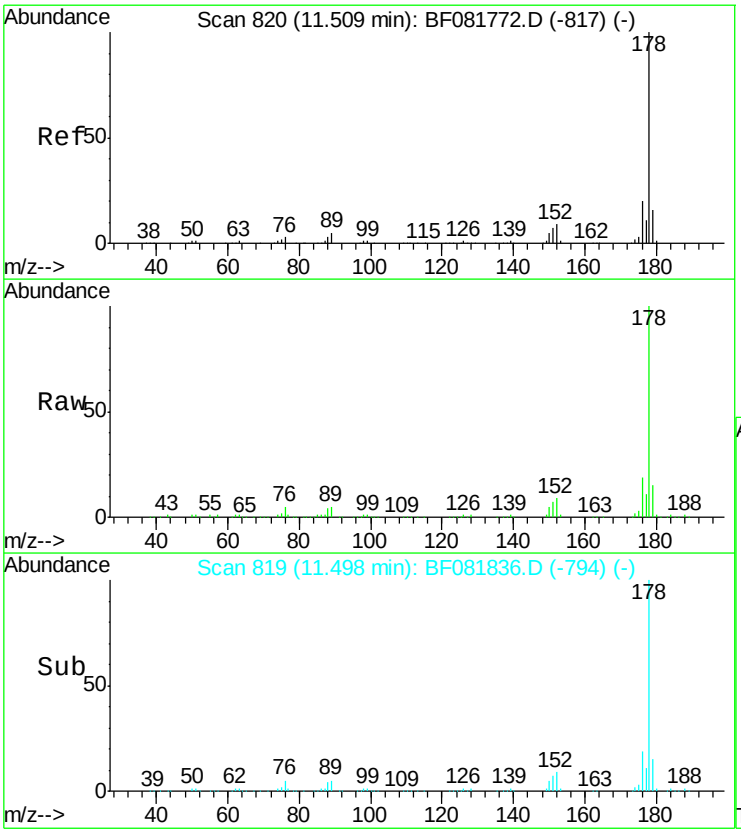
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion:188 Resp: 379479

Ion	Ratio	Lower	Upper
188	100		
94	11.4	11.1	16.7
80	12.8	11.0	16.4

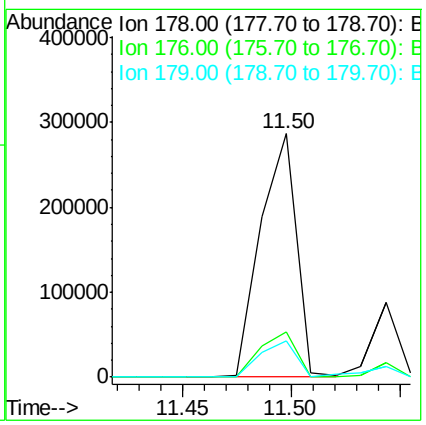


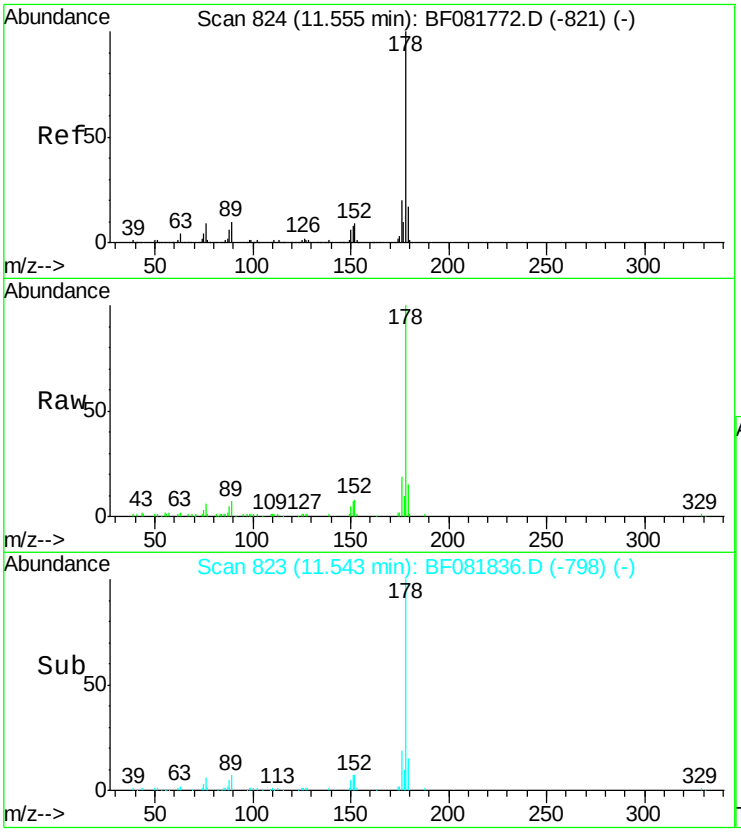


#70
Phenanthrene
Concen: 15.33 ng
RT: 11.50 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:178 Resp: 332614

Ion	Ratio	Lower	Upper
178	100		
176	18.8	13.8	20.8
179	14.7	12.2	18.2



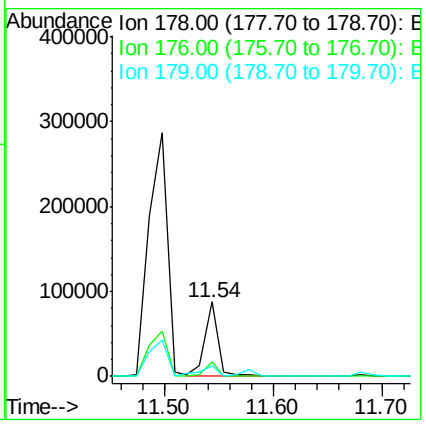


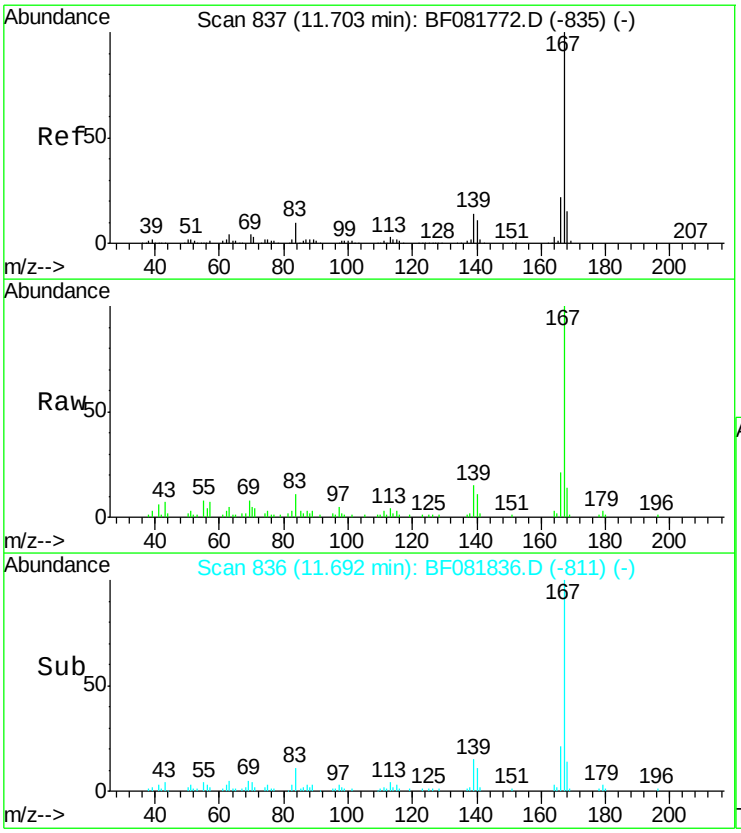
#71
Anthracene
Concen: 3.60 ng
RT: 11.54 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion:178 Resp: 75188

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.1	21.1
179	14.8	12.2	18.2

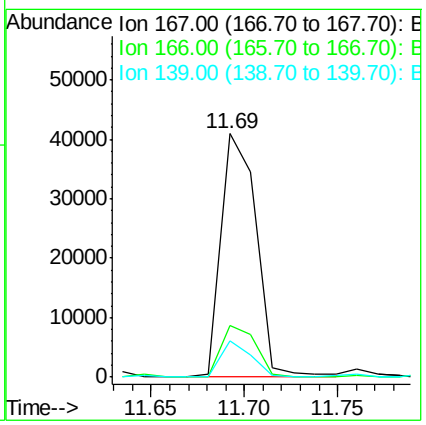


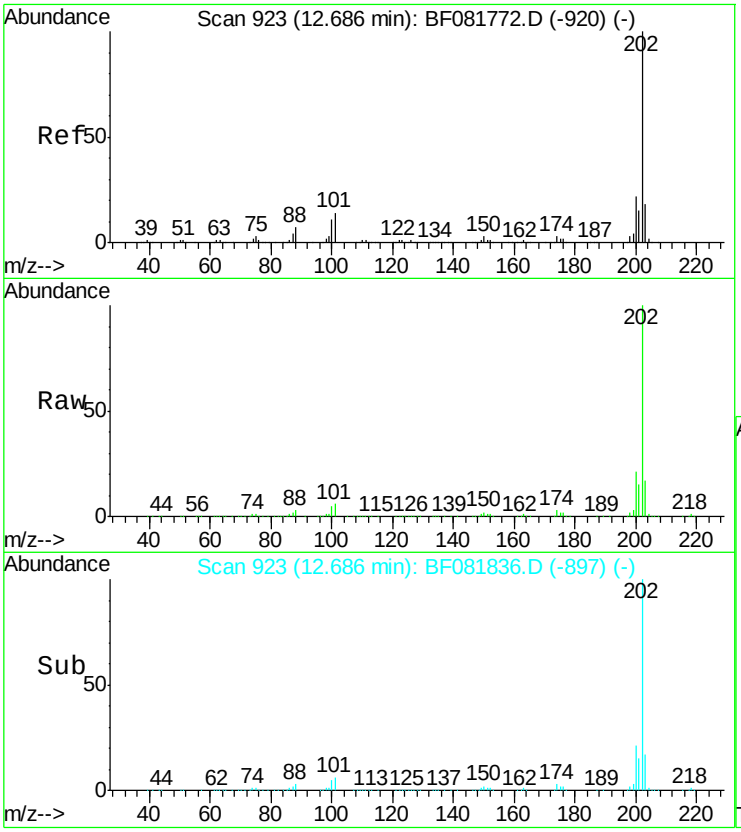


#72
Carbazole
Concen: 2.80 ng
RT: 11.69 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:167 Resp: 54317

Ion	Ratio	Lower	Upper
167	100		
166	21.3	15.7	23.5
139	15.1	9.5	14.3#



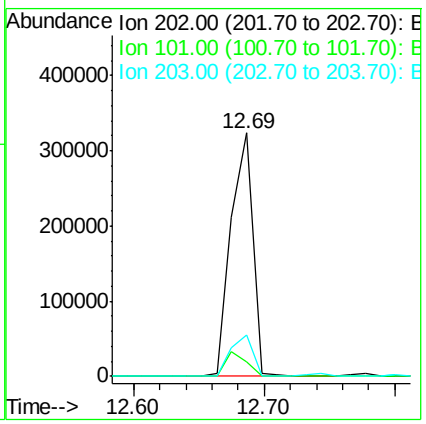


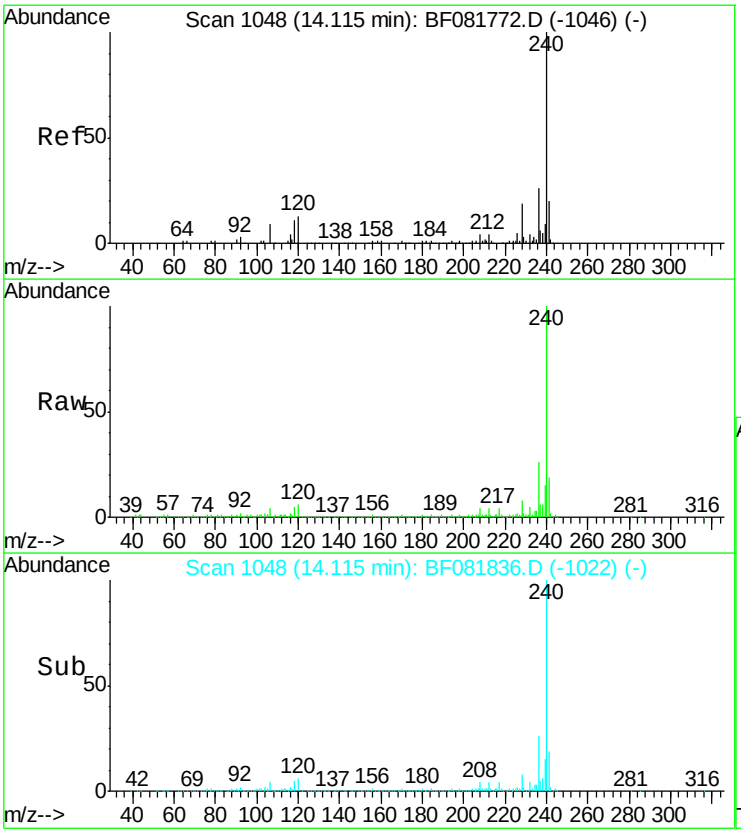
#74
Fluoranthene
Concen: 17.24 ng
RT: 12.69 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion:202 Resp: 376856

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	38.3
203	17.1	0.0	37.3

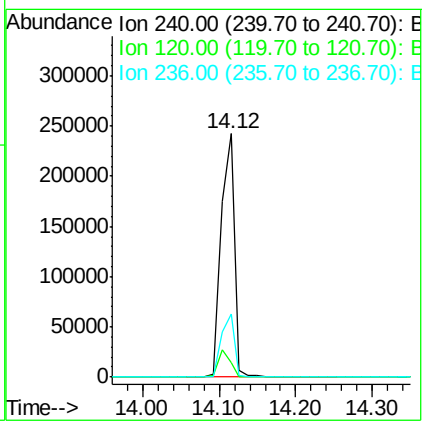


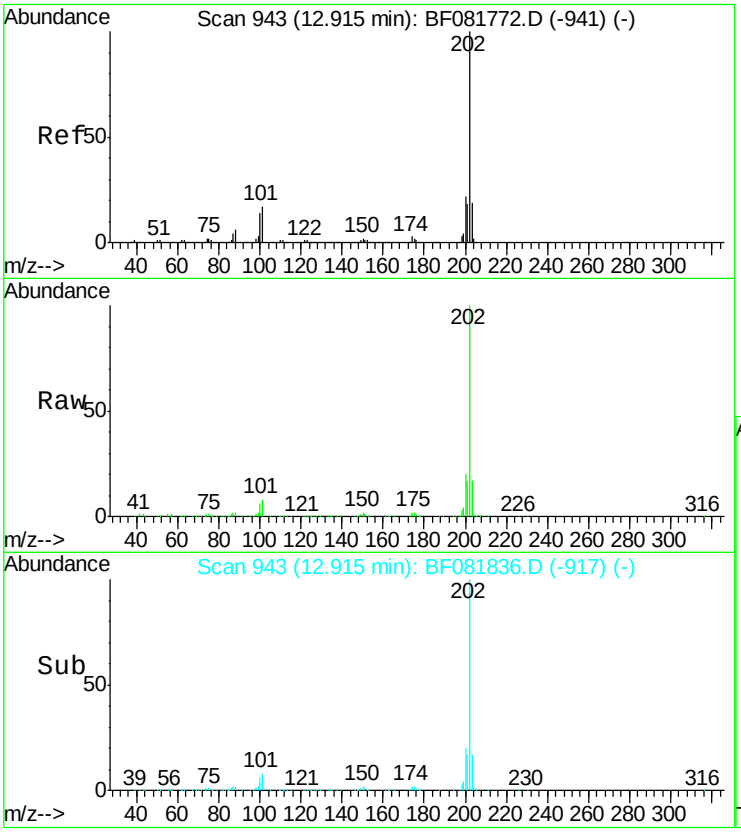


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:240 Resp: 300159

Ion	Ratio	Lower	Upper
240	100		
120	6.1	16.2	24.2#
236	25.9	18.4	27.6



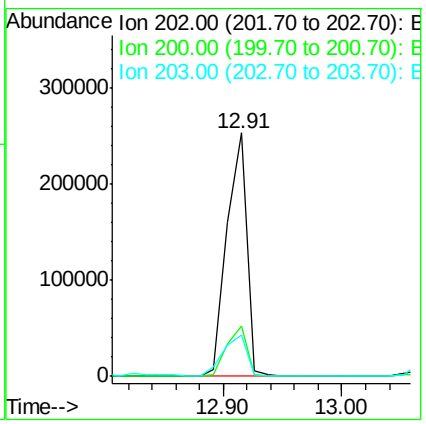


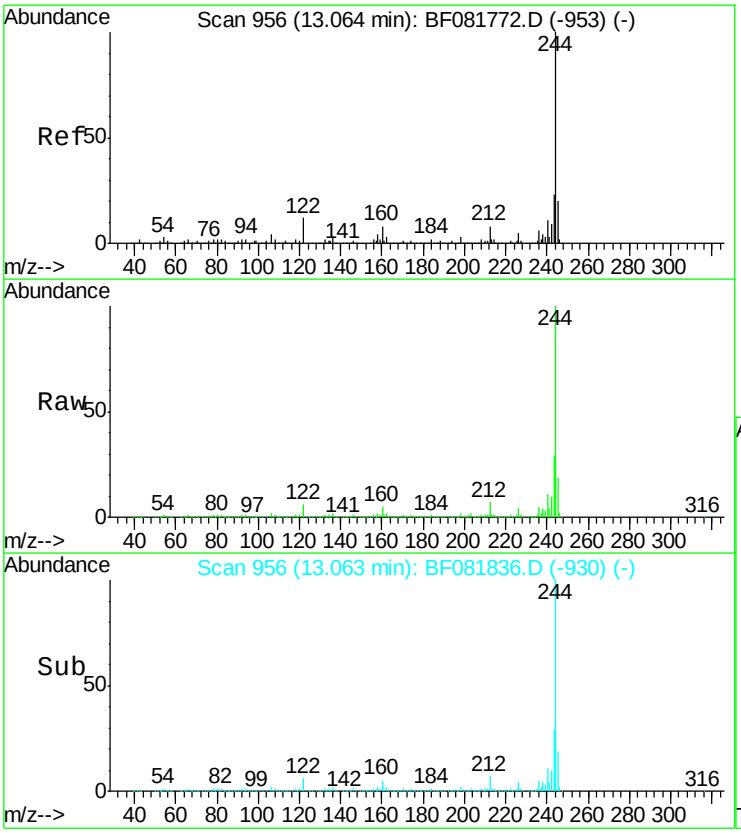
#77
Pyrene
Concen: 12.96 ng
RT: 12.91 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion:202 Resp: 293385

Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.0	22.4
203	17.2	14.1	21.1

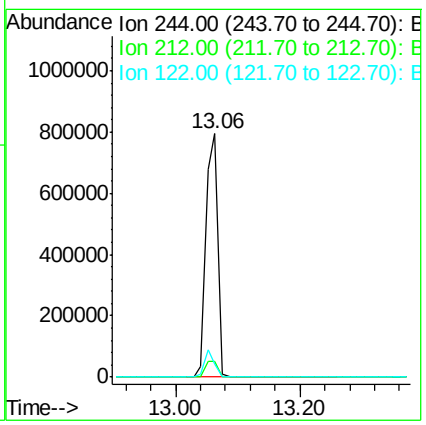


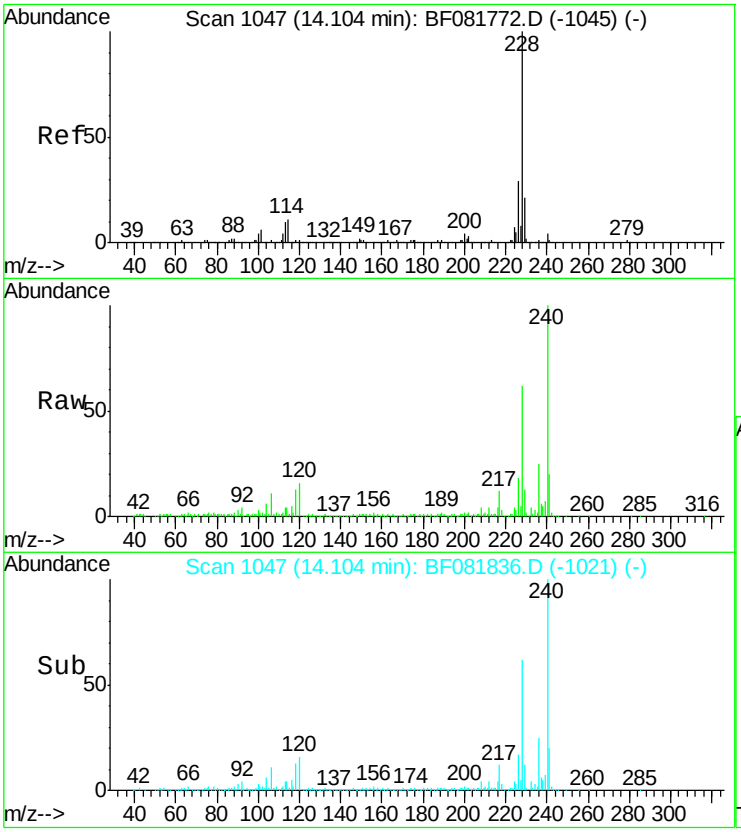


#78
Terphenyl-d14
Concen: 79.64 ng
RT: 13.06 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:244 Resp: 1046466

Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	5.6	17.4	26.2#



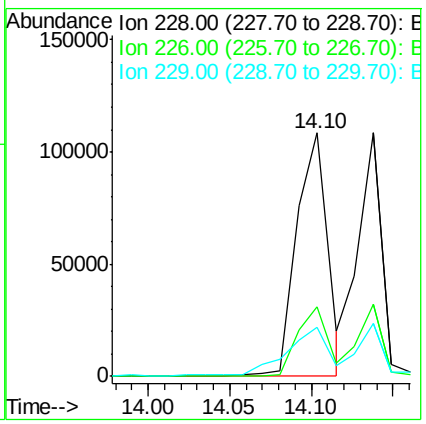


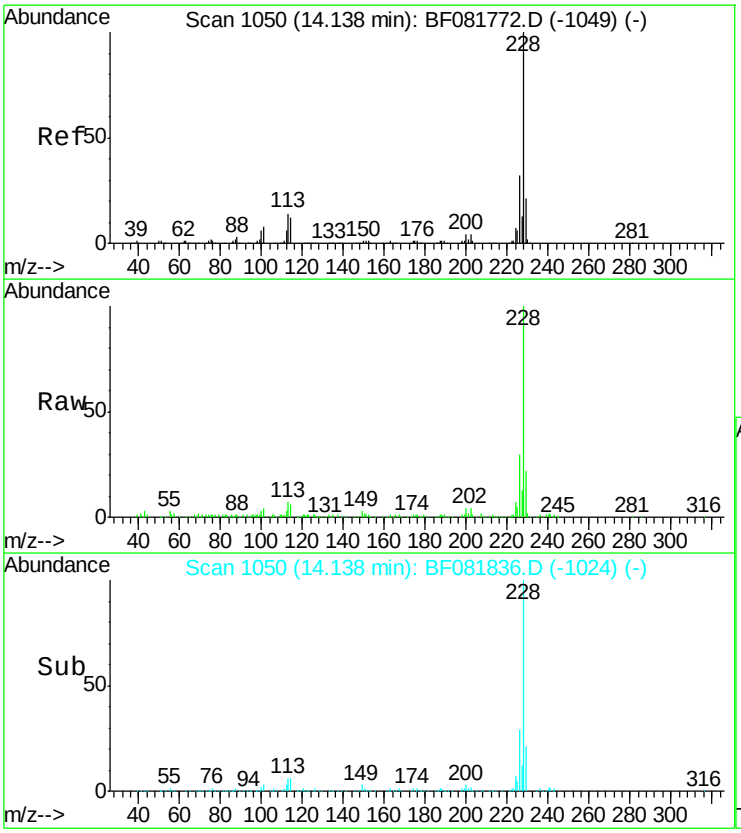
#80
Benzo(a)anthracene
Concen: 7.89 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion:228 Resp: 143656

Ion	Ratio	Lower	Upper
228	100		
226	28.3	20.0	30.0
229	20.4	15.4	23.2

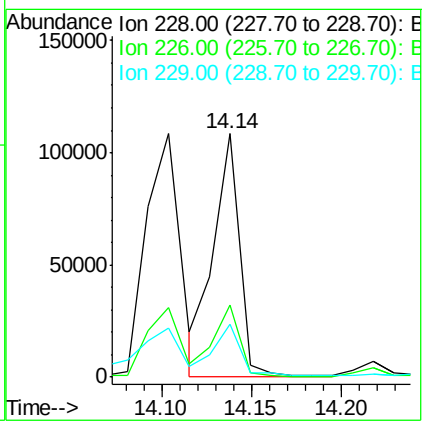


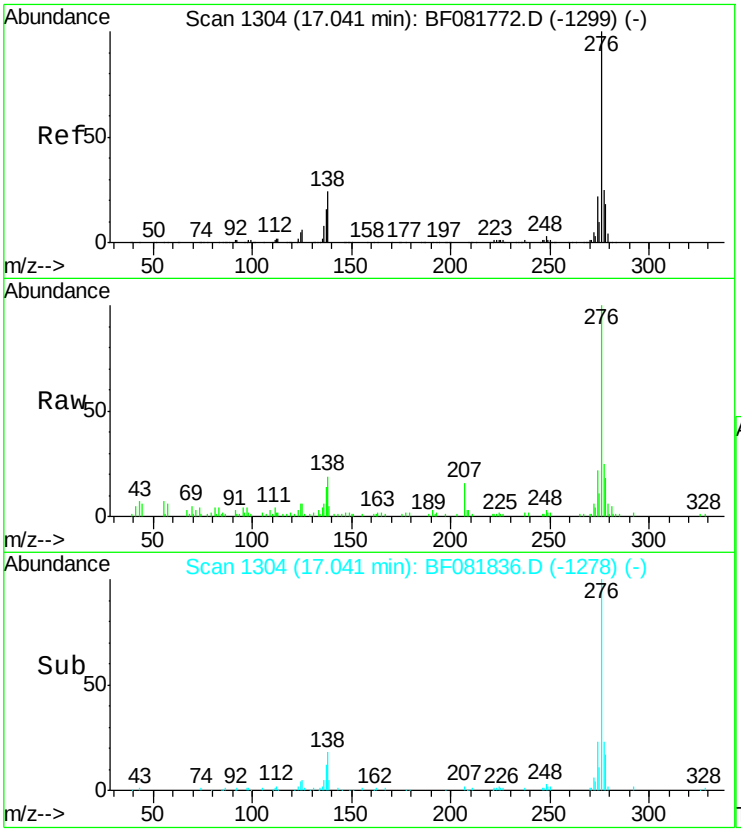


#82
Chrysene
Concen: 6.39 ng m
RT: 14.14 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:228 Resp: 111557

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.0	31.4
229	22.0	15.6	23.4



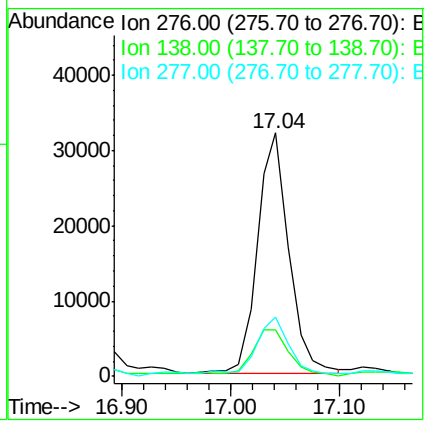


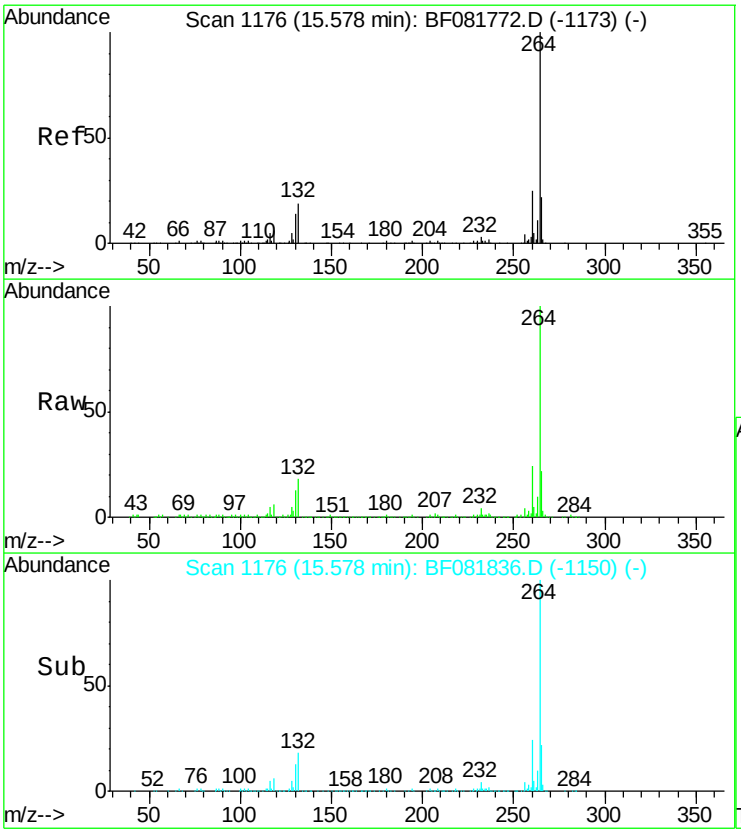
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.03 ng
RT: 17.04 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion:276 Resp: 64426

Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.7	38.5#
277	26.0	15.6	23.4#

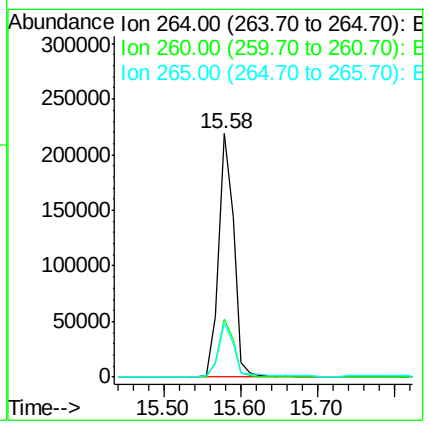


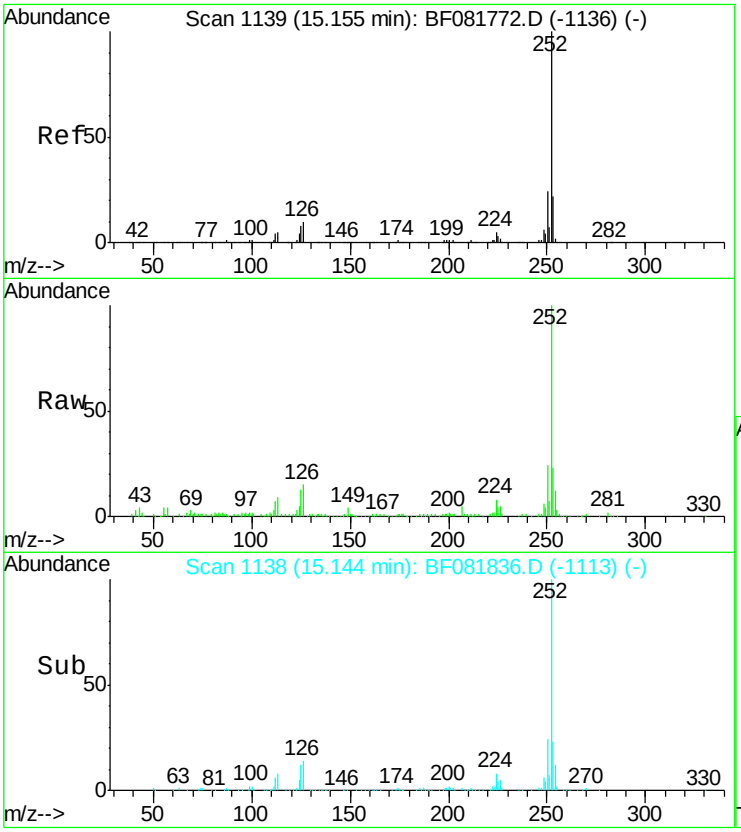


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:264 Resp: 305566

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	22.1	17.2	25.8



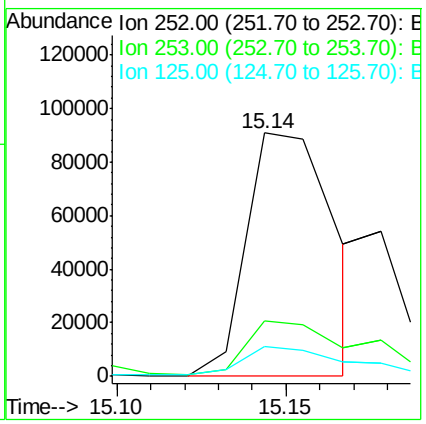


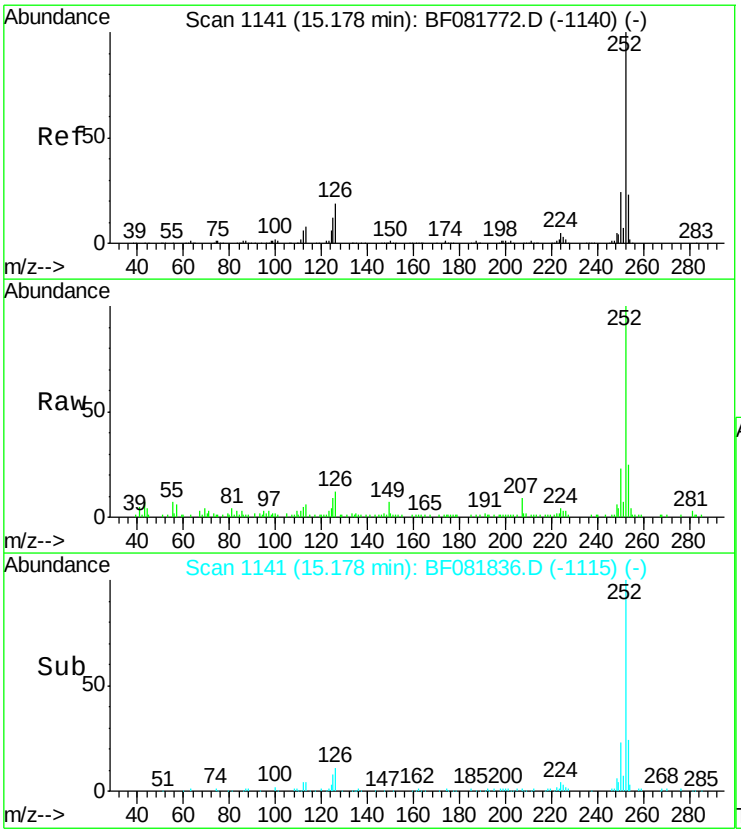
#87
Benzo(b)fluoranthene
Concen: 9.02 ng m
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion:252 Resp: 163392

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.5	17.1	25.7#

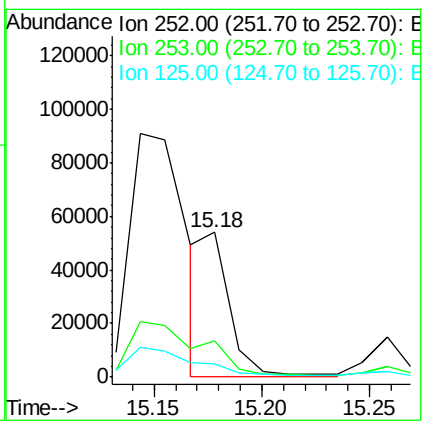


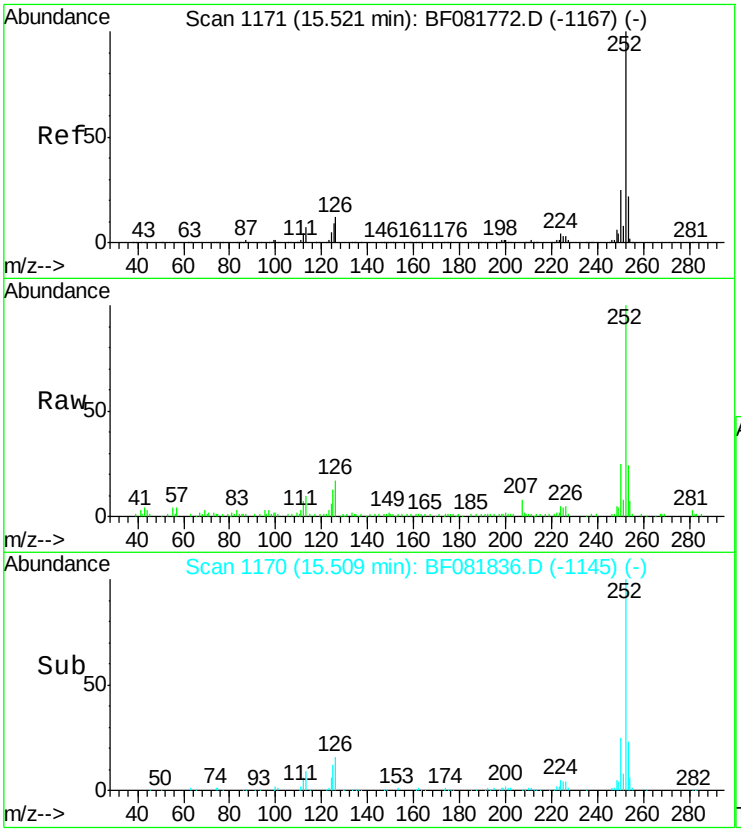


#88
Benzo(k)fluoranthene
Concen: 2.74 ng m
RT: 15.18 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:252 Resp: 47813

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.4
125	9.3	16.0	24.0#



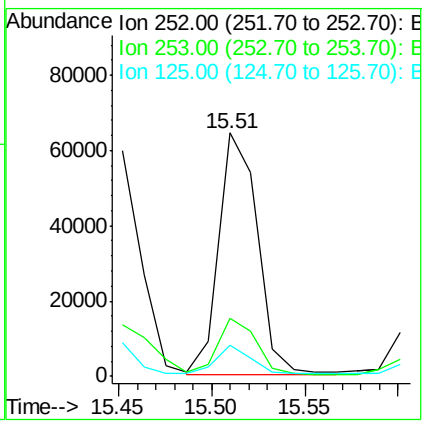


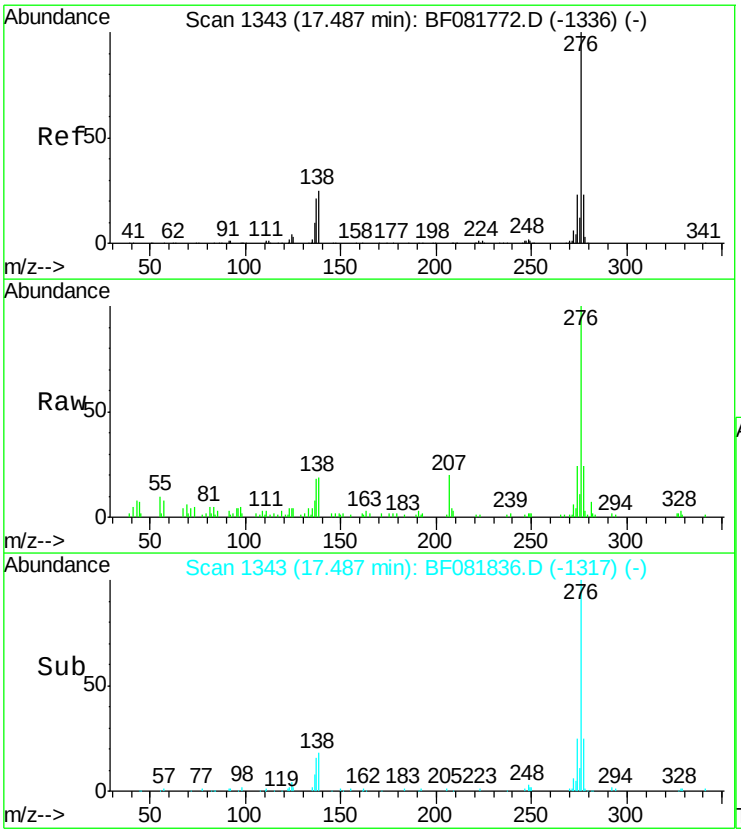
#89
Benzo(a)pyrene
Concen: 5.71 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Instrument :
BNA_F
ClientSampleId :
S1-30

Tgt Ion:252 Resp: 93397

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	12.5	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 3.51 ng
RT: 17.49 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF081836.D
Acq: 26 Sep 2015 19:27

Tgt Ion:276 Resp: 61733

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.8	26.6
138	18.8	34.6	51.8#