Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
Data File : BF079012.D
Acq On : 7 May 2015 22:58
Operator : TP/IZ
Sample : G2116-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-45D

Quant Time: May 08 01:09:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 00:46:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	57854	20.00	ng	0.01
21) Naphthalene-d8	8.92	136	235974	20.00	ng	0.01
38) Acenaphthene-d10	11.10	164	118873	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	233859	20.00	ng	0.01
75) Chrysene-d12	16.24	240	255613	20.00	ng	-0.03
86) Perylene-d12	17.99	264	281294	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	384848	114.51	ng	0.01
7) Phenol-d6	6.90	99	515094	115.95	ng	0.01
23) Nitrobenzene-d5	8.03	82	293946	71.59	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	143353	111.47	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	524547	61.48	ng	0.00
78) Terphenyl-d14	14.95	244	623551	58.40	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	8.95	128	29667	2.64	ng	99
49) Dimethylphthalate	10.76	163	36953	4.24	ng	99
51) Acenaphthene	11.14	154	38684	5.36	ng	97
54) Dibenzofuran	11.35	168	31748	3.05	ng	95
57) Fluorene	11.78	166	47799	5.59	ng	100
70) Phenanthrene	12.97	178	443432	33.89	ng	99
71) Anthracene	13.04	178	130173	10.14	ng	99
72) Carbazole	13.25	167	28371	2.32	ng	99
74) Fluoranthene	14.46	202	476399	34.95	ng	98
77) Pyrene	14.74	202	439714	29.85	ng	99
80) Benzo(a)anthracene	16.23	228	221487	15.82	ng	99
82) Chrysene	16.27	228	176262	13.09	ng	97
87) Benzo(b)fluoranthene	17.53	252	232830	15.12	ng	99
88) Benzo(k)fluoranthene	17.53	252	281934	18.92	ng	99
89) Benzo(a)pyrene	17.92	252	167528	11.82	ng	98
91) Benzo(g,h,i)perylene	19.93	276	77922	5.16	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
Data File : BF079012.D
Acq On : 7 May 2015 22:58
Operator : TP/IZ
Sample : G2116-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-45D

Quant Time: May 08 01:09:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 00:46:40 2015
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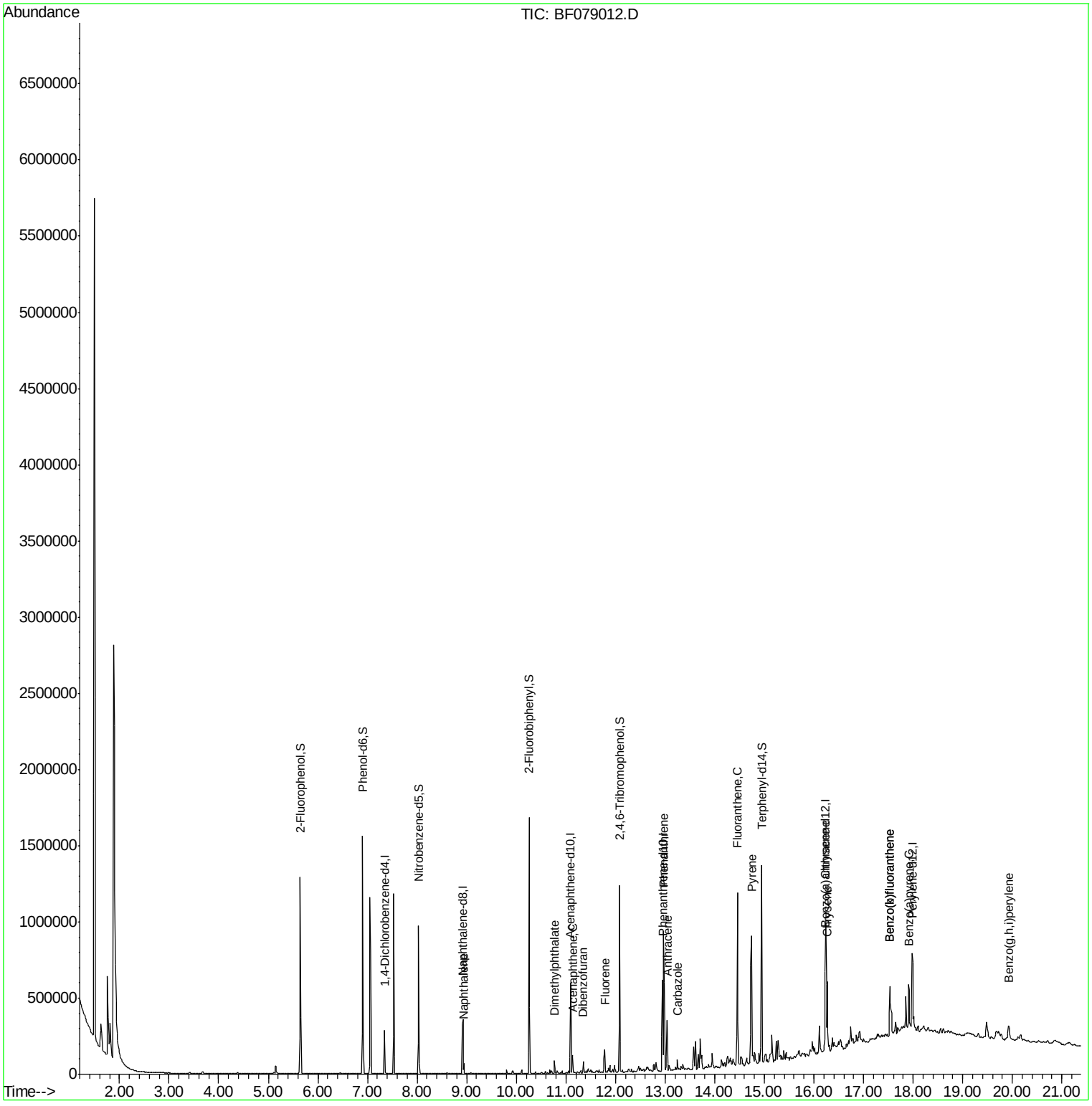
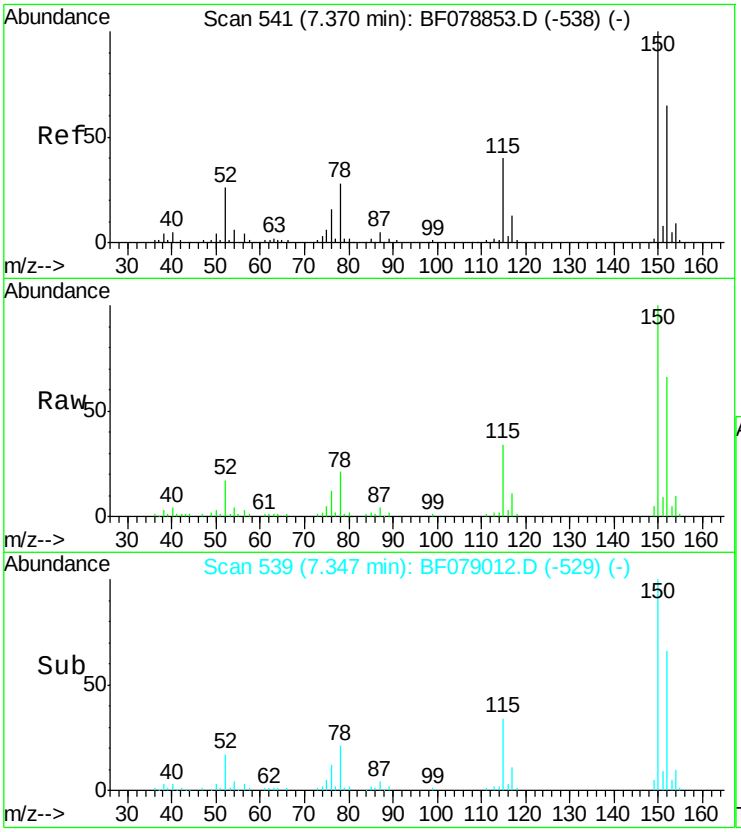


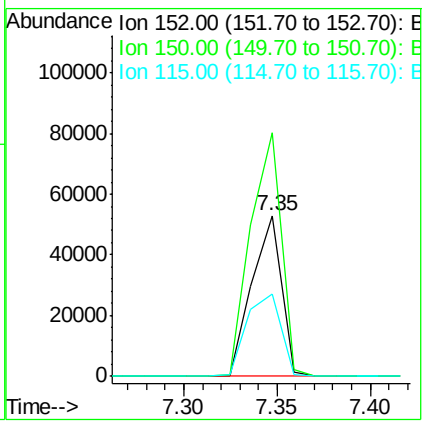


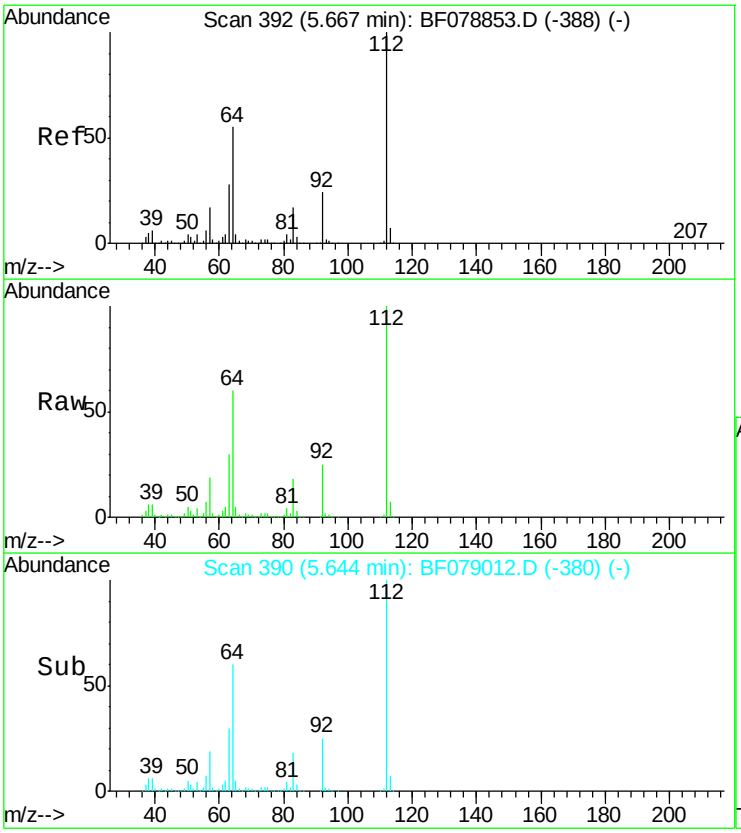
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:152 Resp: 57854

Ion	Ratio	Lower	Upper
152	100		
150	151.5	122.0	183.0
115	51.6	46.3	69.5

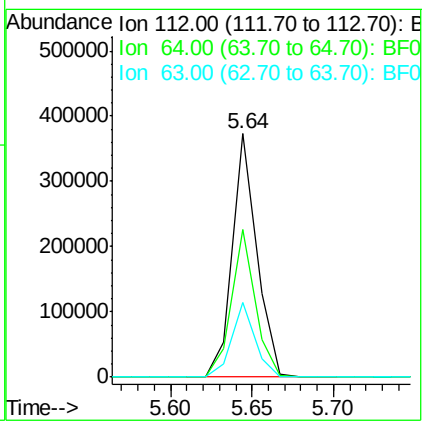


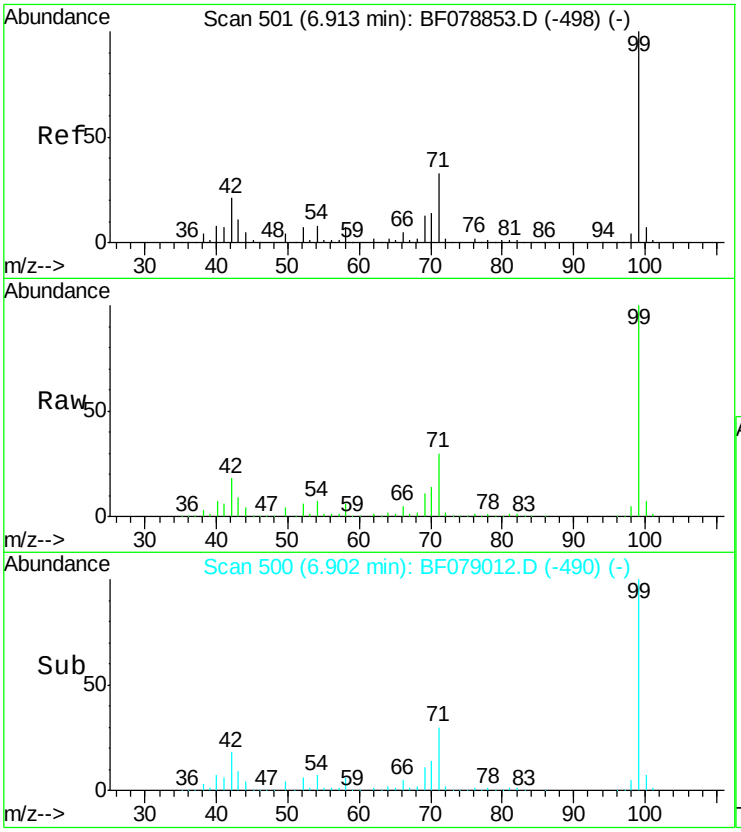


#5
2-Fluorophenol
Concen: 114.51 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:112 Resp: 384848

Ion	Ratio	Lower	Upper
112	100		
64	60.4	53.5	80.3
63	30.4	27.5	41.3



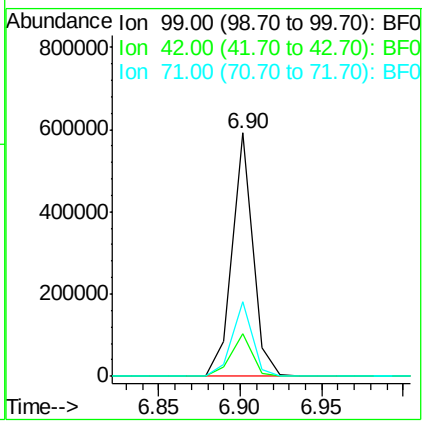


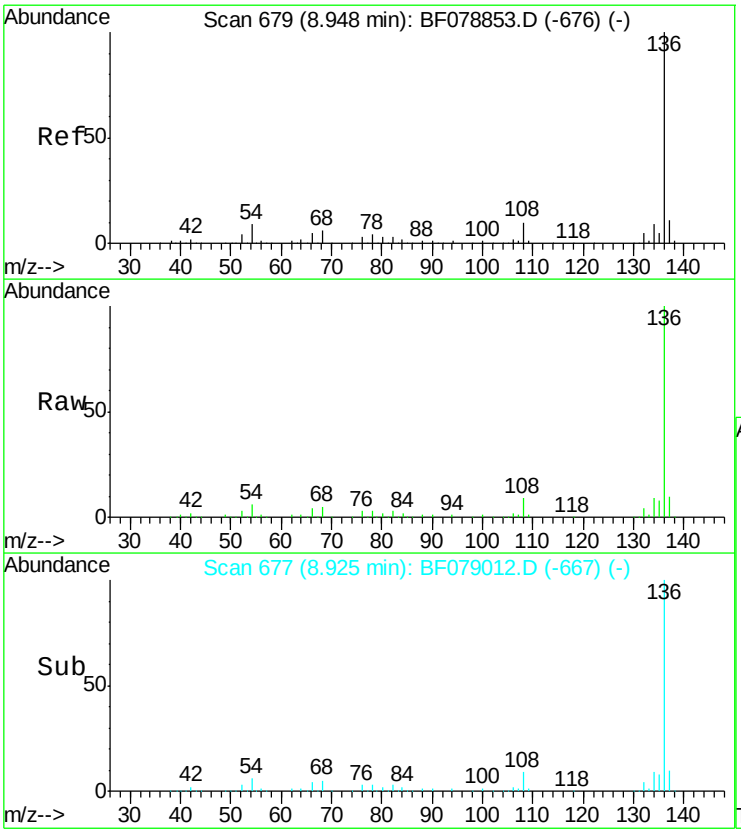
#7
Phenol-d6
Concen: 115.95 ng
RT: 6.90 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion: 99 Resp: 515094

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.8	19.2
71	30.5	23.4	35.2

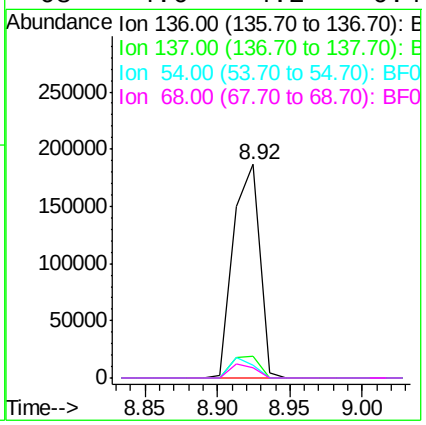


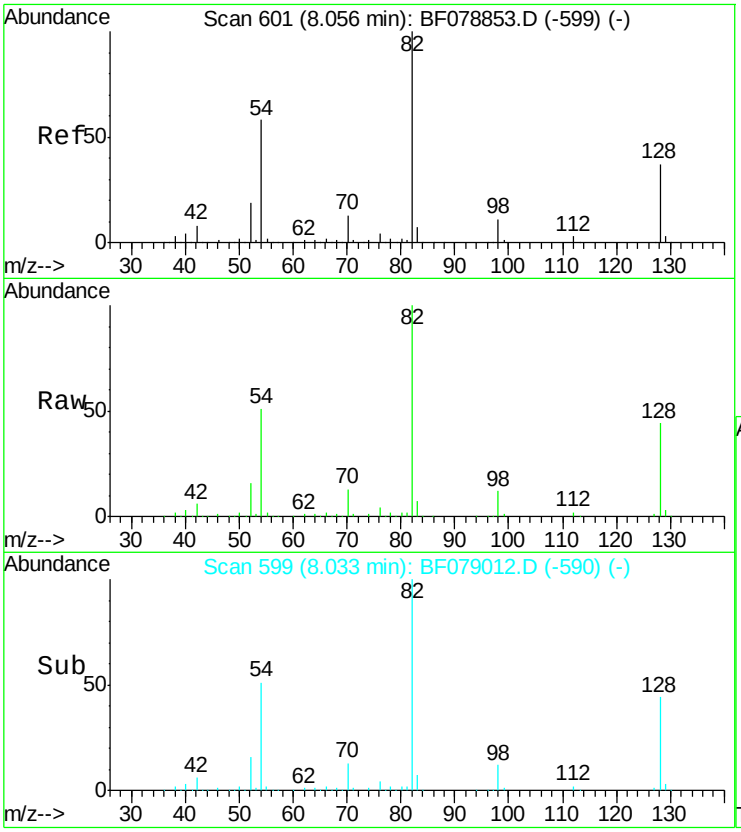


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:136 Resp: 235974

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.7	5.8	8.8#
68	4.6	4.2	6.4



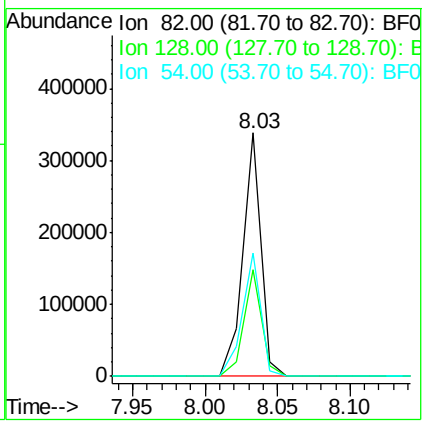


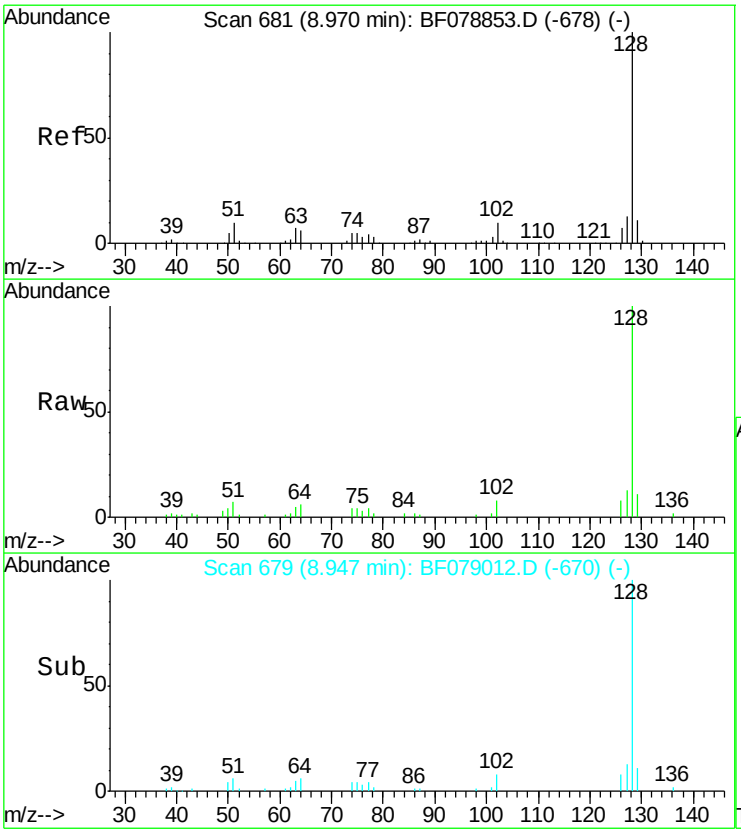
#23
Nitrobenzene-d5
Concen: 71.59 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion: 82 Resp: 293946

Ion	Ratio	Lower	Upper
82	100		
128	44.0	30.0	45.0
54	50.7	46.4	69.6

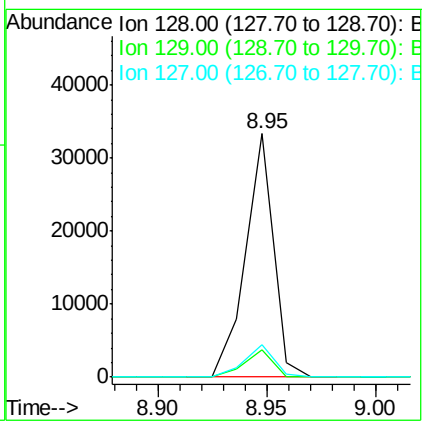


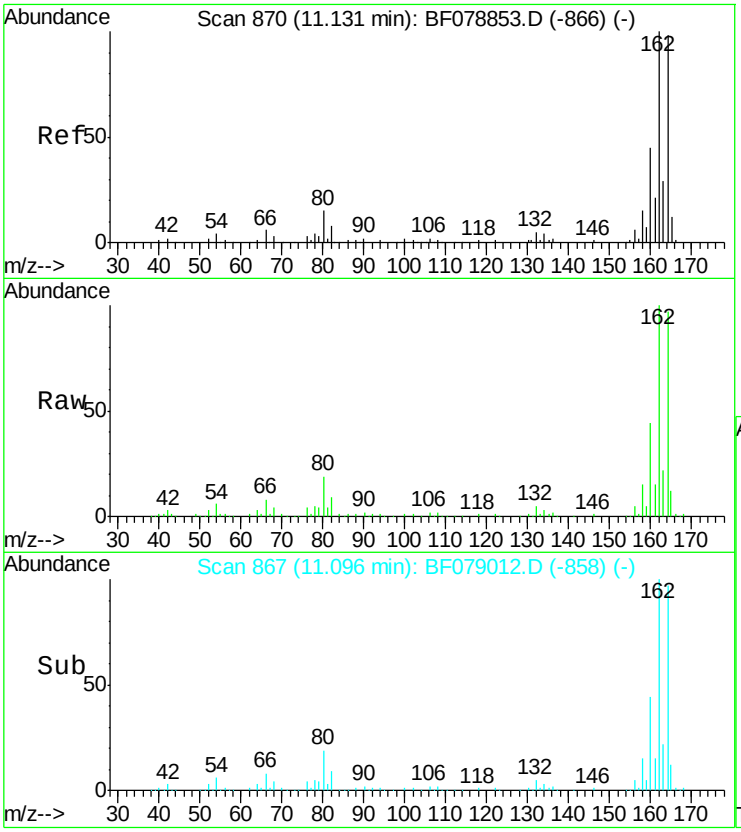


#31
Naphthalene
Concen: 2.64 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:128 Resp: 29667

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.2	10.7	16.1



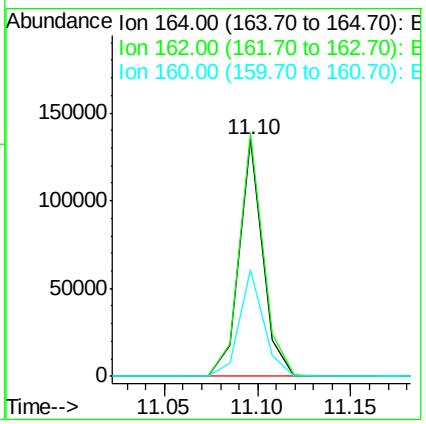


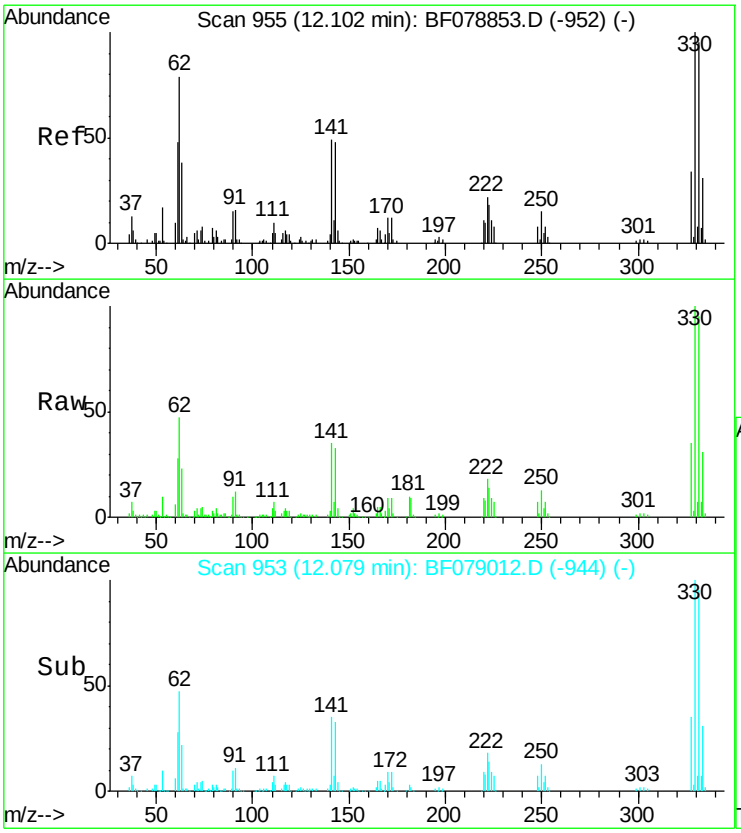
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:164 Resp: 118873

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.7	124.1
160	44.9	35.8	53.8

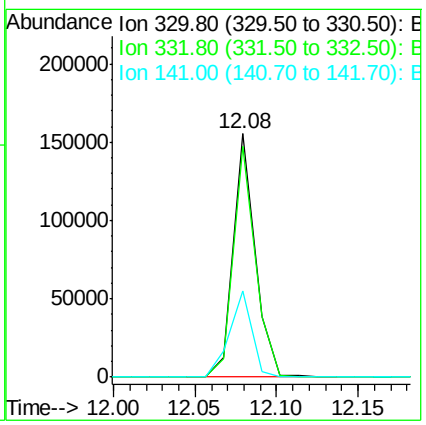


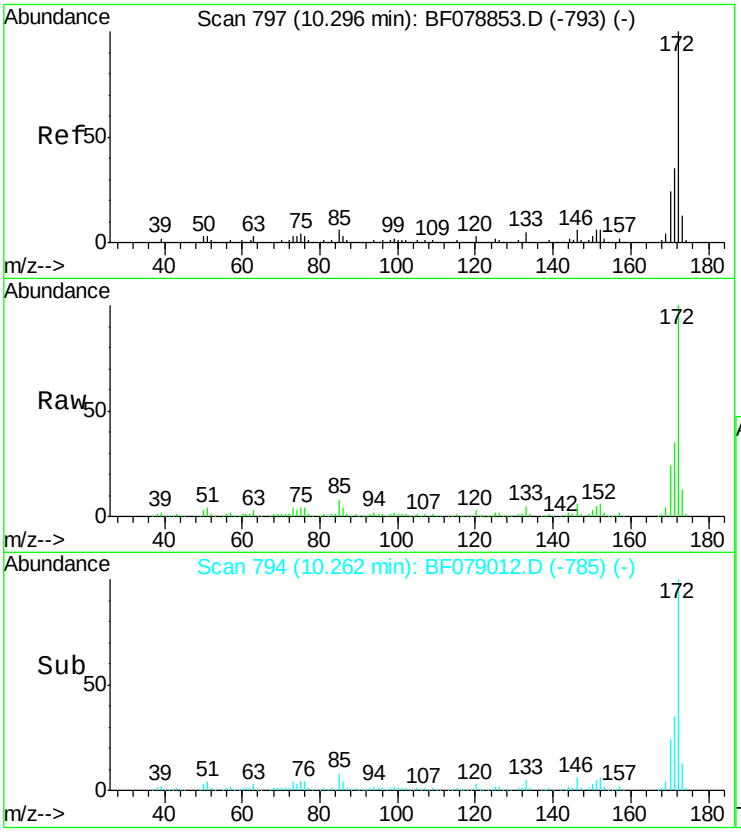


#41
2,4,6-Tribromophenol
Concen: 111.47 ng
RT: 12.08 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:330 Resp: 143353

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	37.3	0.0	0.0#



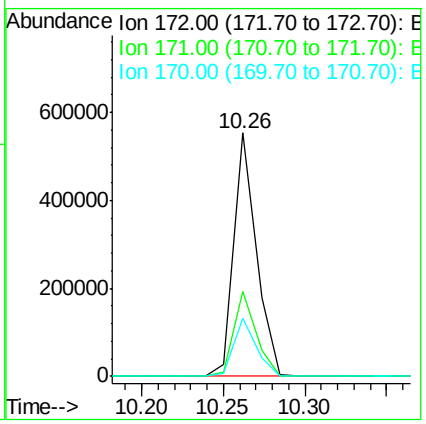


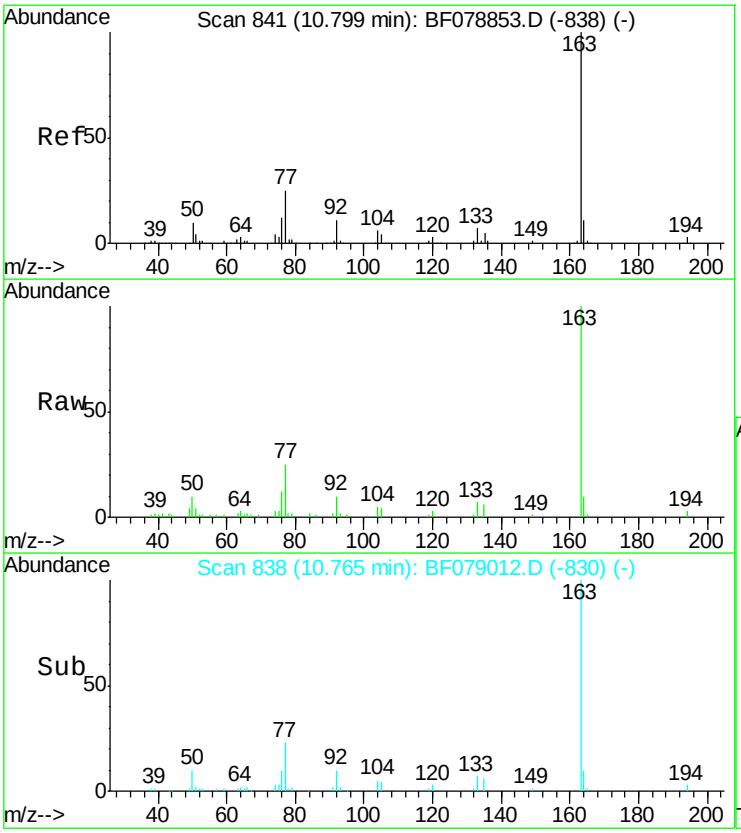
#44
2-Fluorobiphenyl
Concen: 61.48 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:172 Resp: 524547

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.8	19.4	29.0

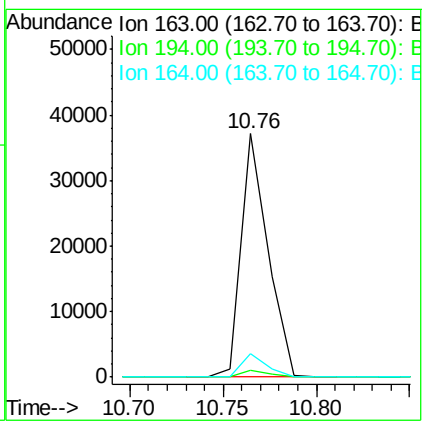


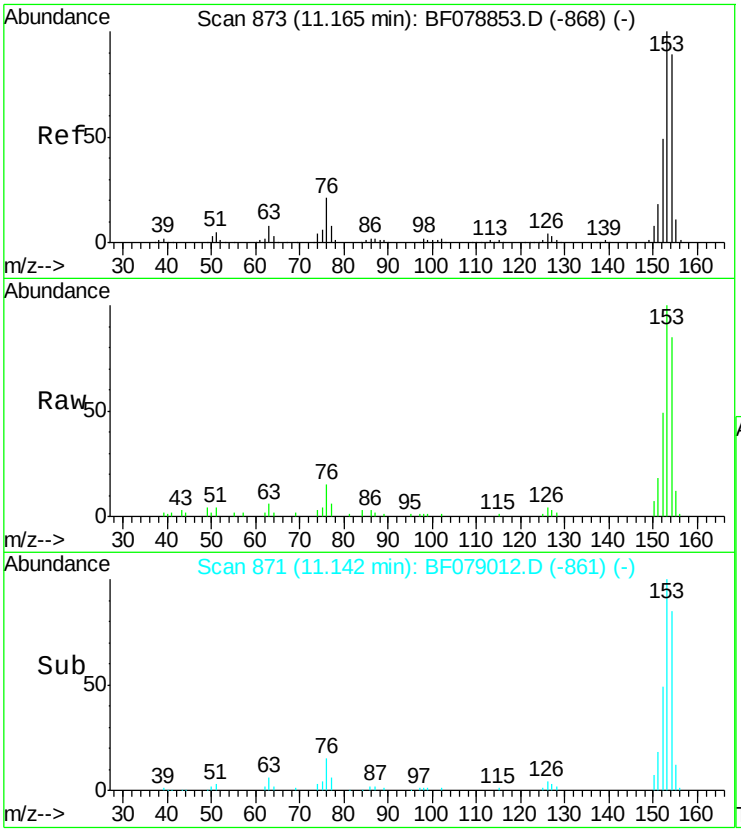


#49
Dimethylphthalate
Concen: 4.24 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:163 Resp: 36953

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	4.0
164	9.6	8.1	12.1



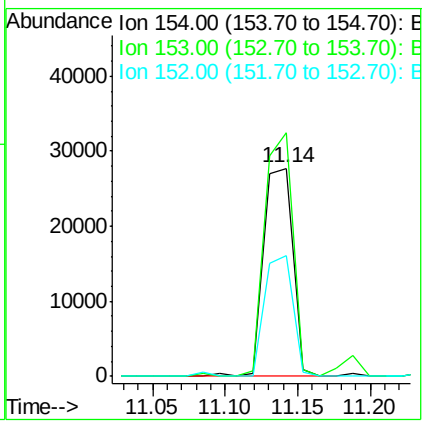


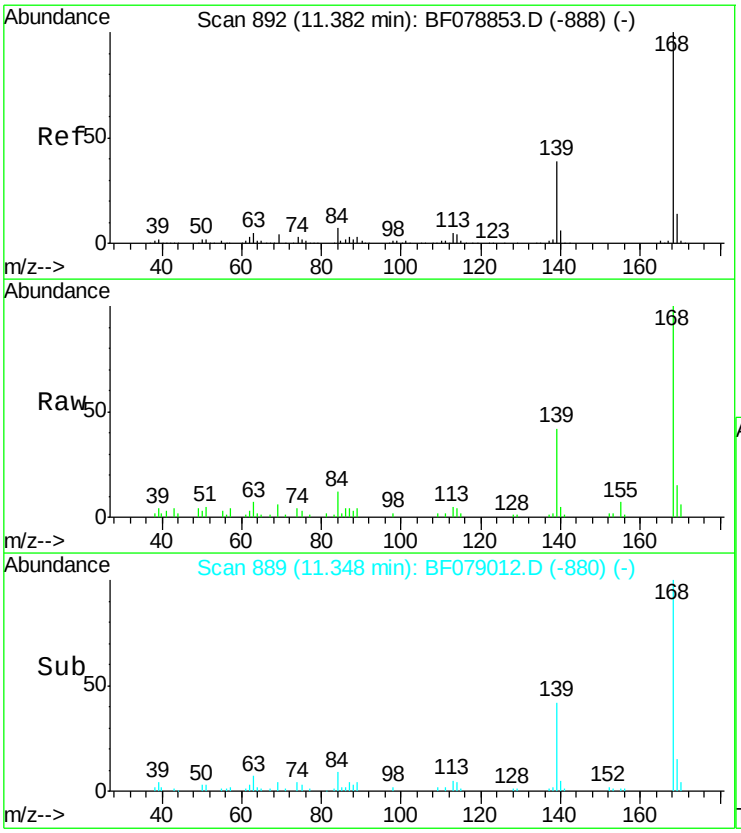
#51
Acenaphthene
Concen: 5.36 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:154 Resp: 38684

Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.5	137.3
152	57.8	44.2	66.4

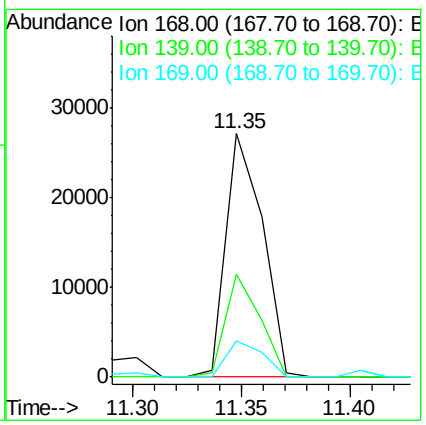


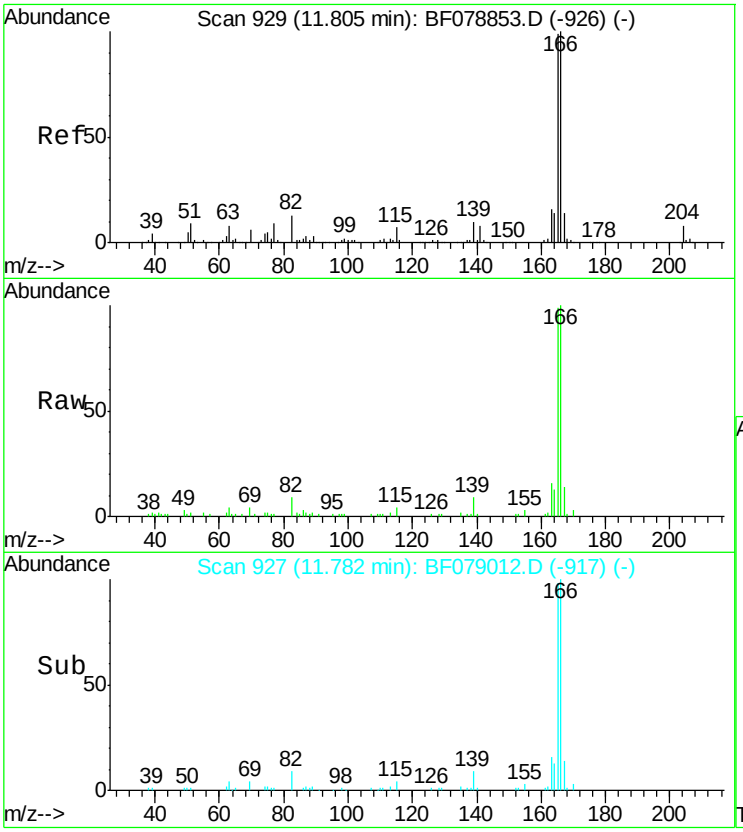


#54
Dibenzofuran
Concen: 3.05 ng
RT: 11.35 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:168 Resp: 31748

Ion	Ratio	Lower	Upper
168	100		
139	42.2	31.0	46.4
169	14.8	10.6	16.0



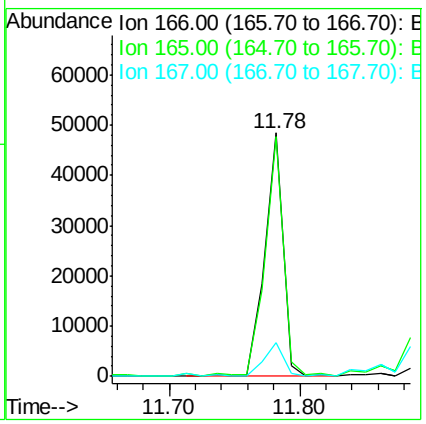


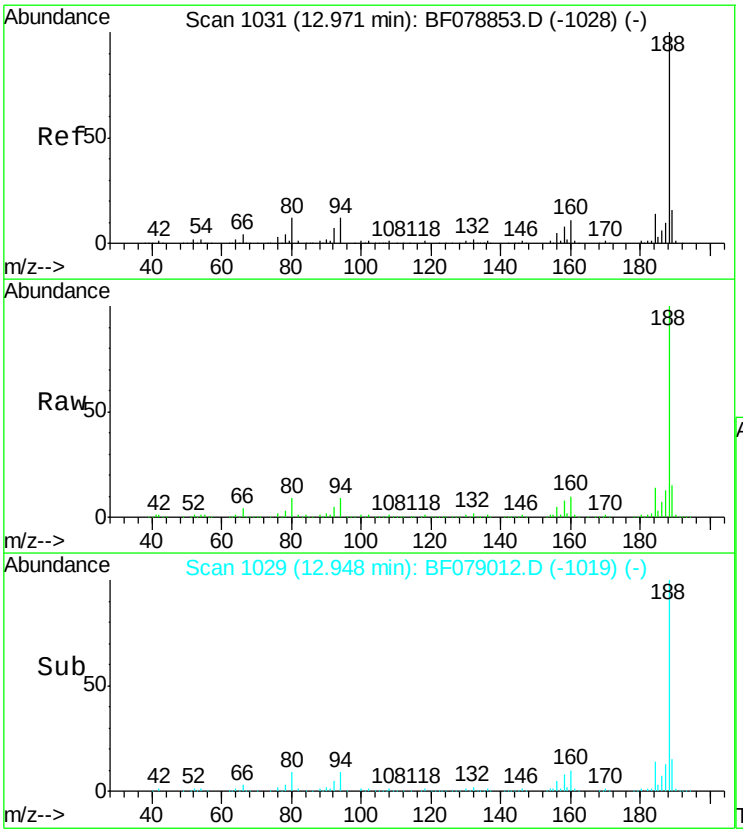
#57
Fluorene
Concen: 5.59 ng
RT: 11.78 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:166 Resp: 47799

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.5	117.7
167	13.8	11.0	16.6

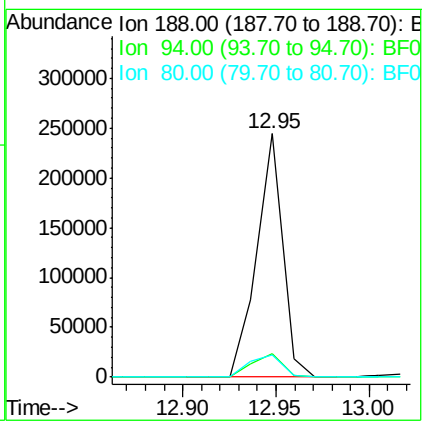


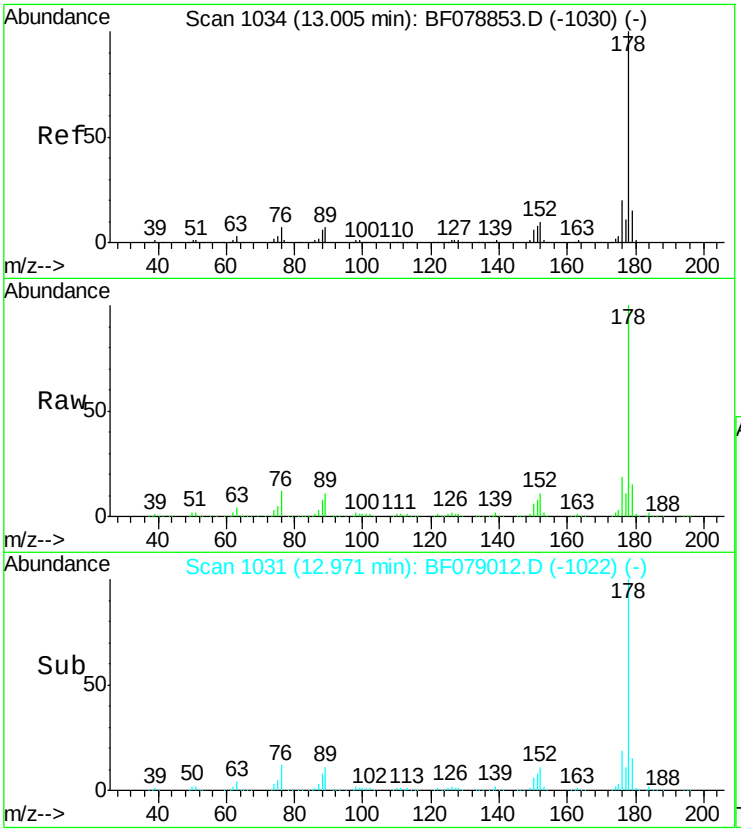


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:188 Resp: 233859

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	9.3	8.9	13.3



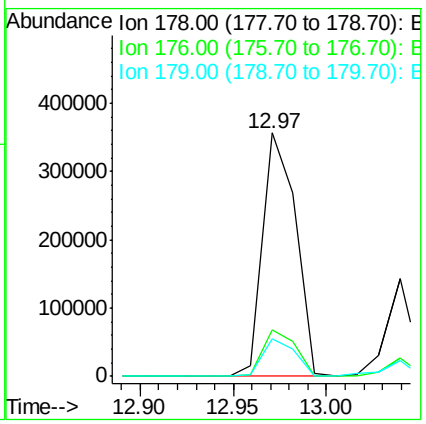


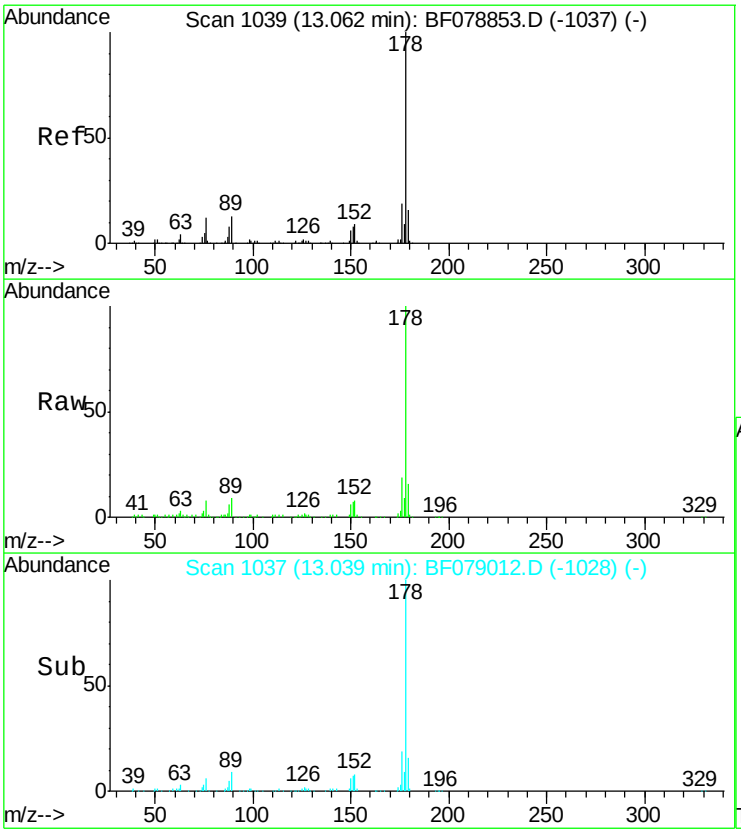
#70
Phenanthrene
Concen: 33.89 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:178 Resp: 443432

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.5	12.5	18.7

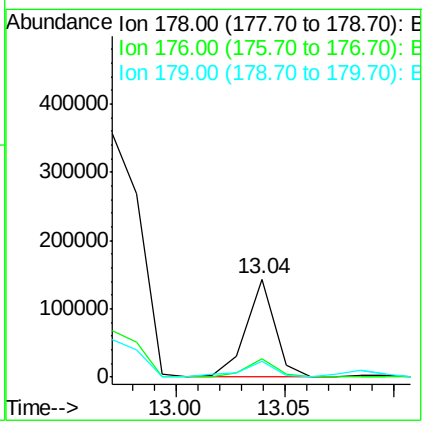


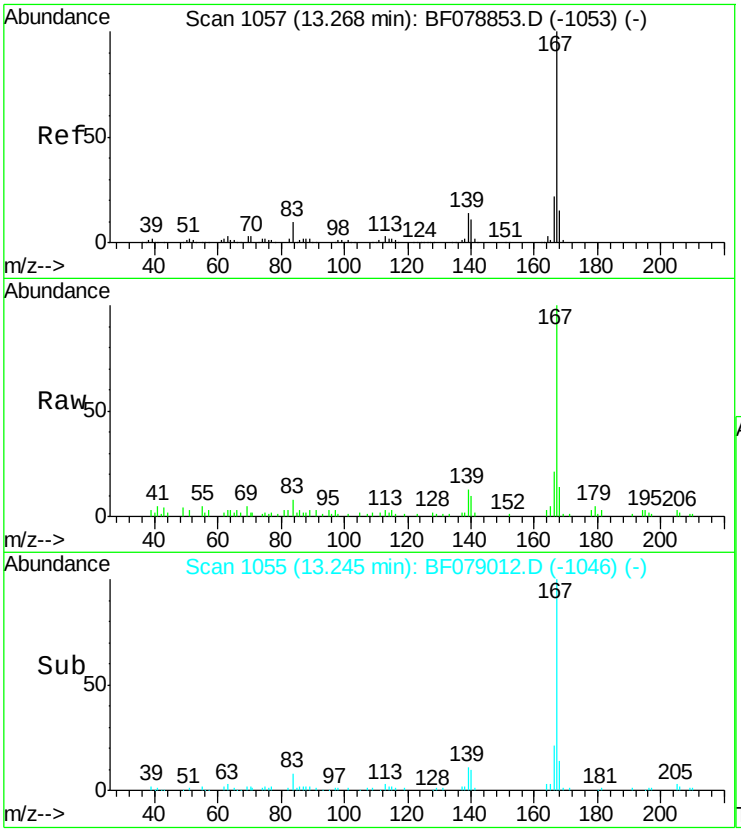


#71
Anthracene
Concen: 10.14 ng
RT: 13.04 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:178 Resp: 130173

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	15.6	12.7	19.1



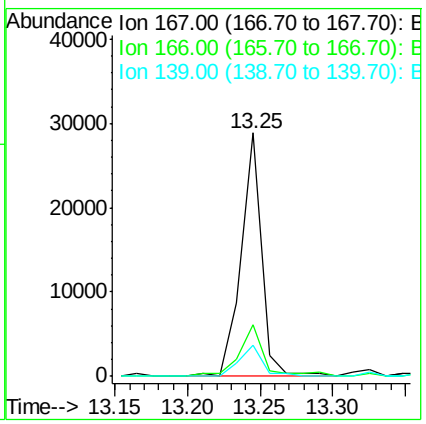


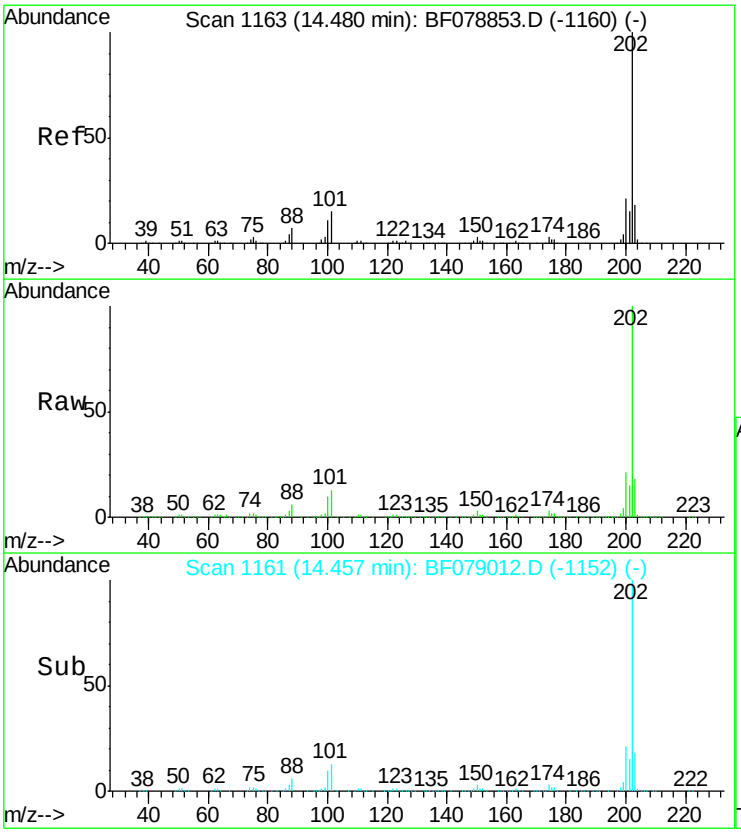
#72
Carbazole
Concen: 2.32 ng
RT: 13.25 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:167 Resp: 28371

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.8	26.8
139	12.9	10.6	16.0

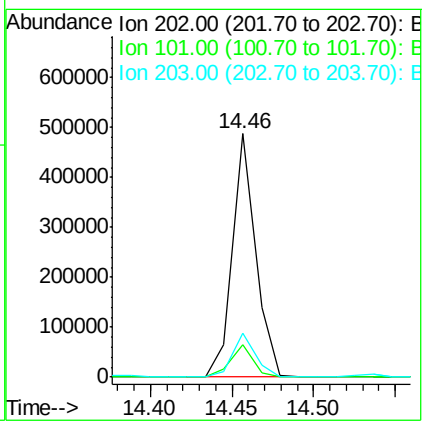


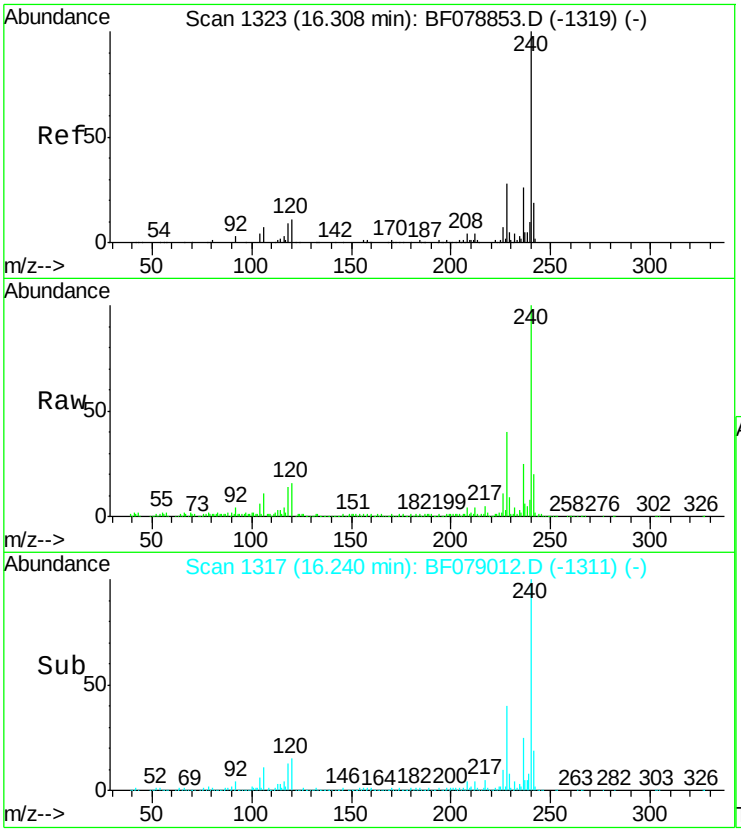


#74
Fluoranthene
Concen: 34.95 ng
RT: 14.46 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:202 Resp: 476399

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.6
203	18.0	0.0	38.4



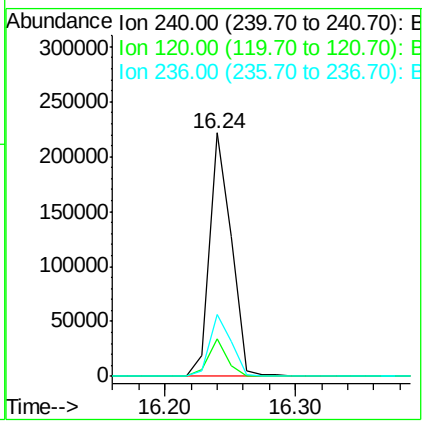


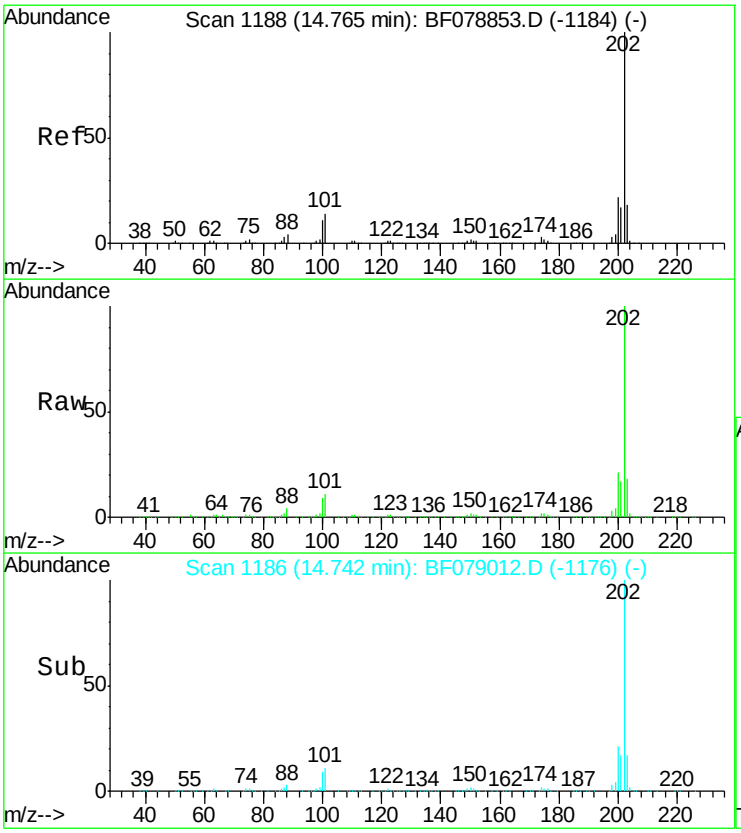
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:240 Resp: 255613

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.7	14.5#
236	25.4	20.2	30.4

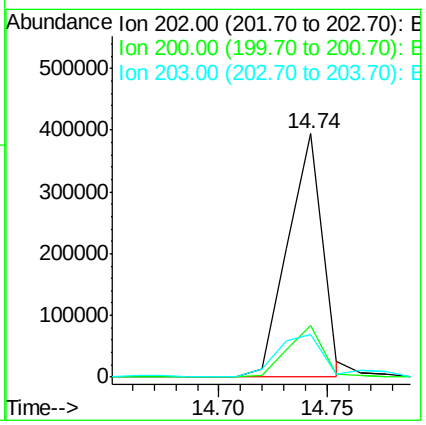


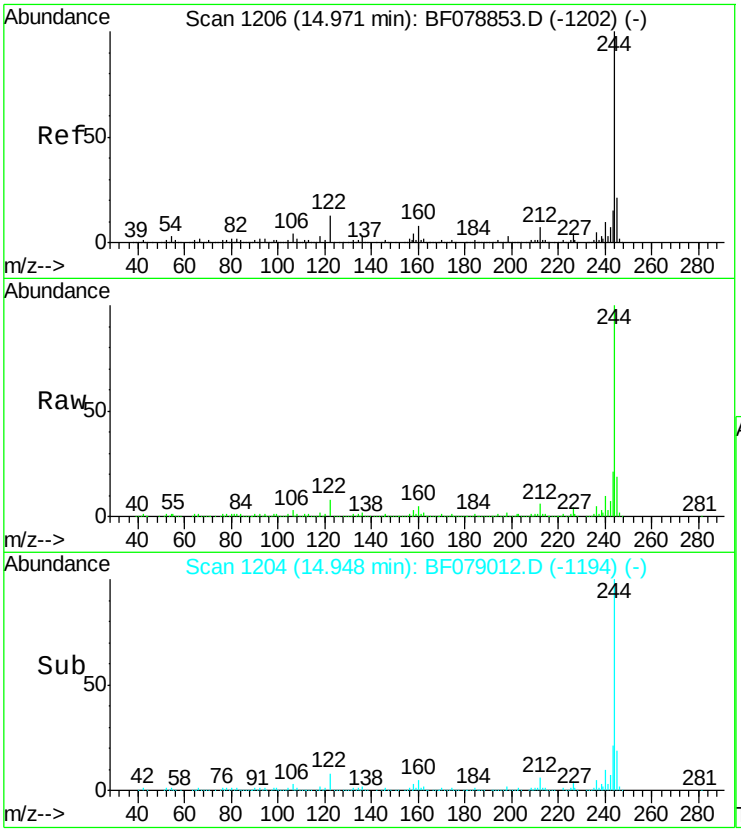


#77
Pyrene
Concen: 29.85 ng
RT: 14.74 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:202 Resp: 439714

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.5	26.3
203	17.6	13.9	20.9



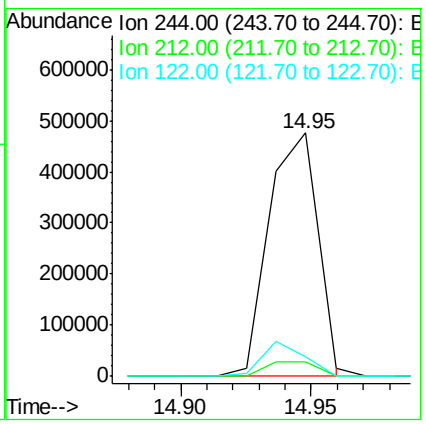


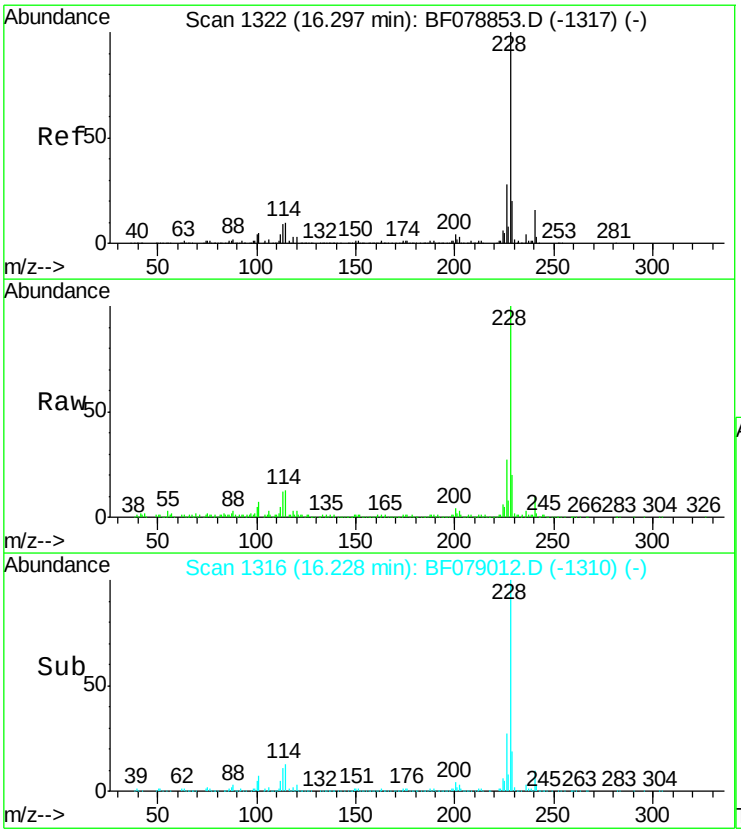
#78
Terphenyl-d14
Concen: 58.40 ng
RT: 14.95 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:244 Resp: 623551

Ion	Ratio	Lower	Upper
244	100		
212	5.7	5.6	8.4
122	8.2	10.3	15.5#

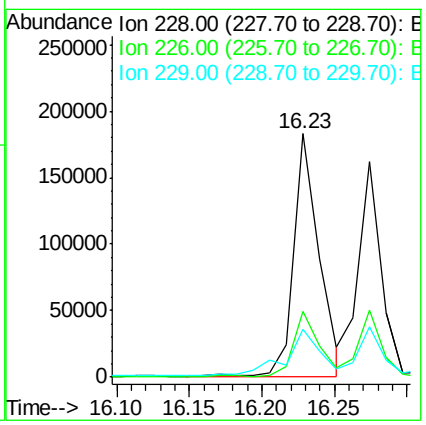


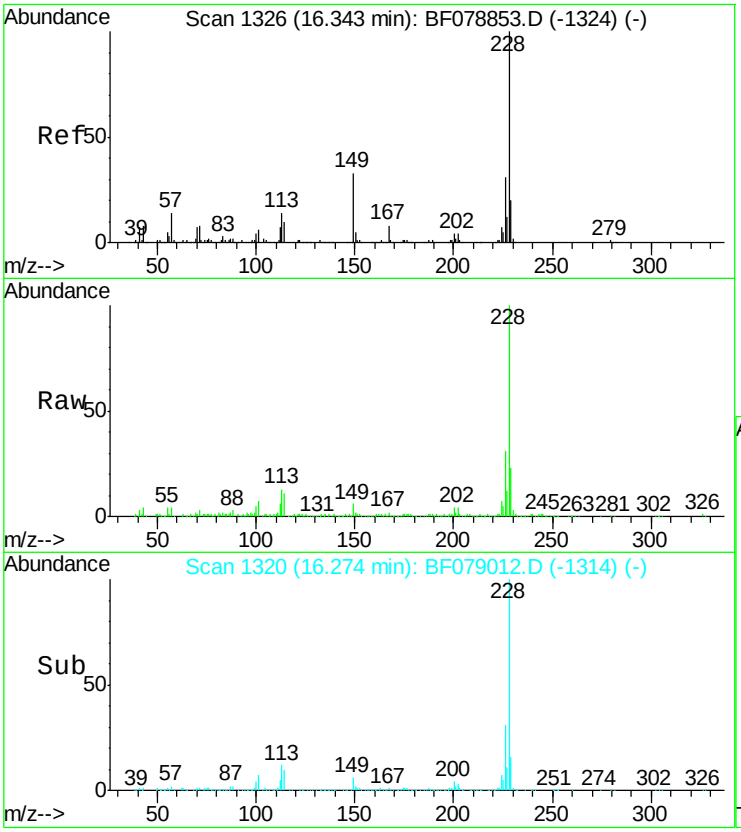


#80
Benzo(a)anthracene
Concen: 15.82 ng
RT: 16.23 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:228 Resp: 221487

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.7	15.9	23.9



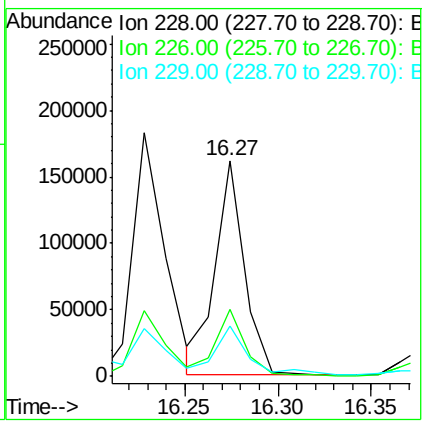


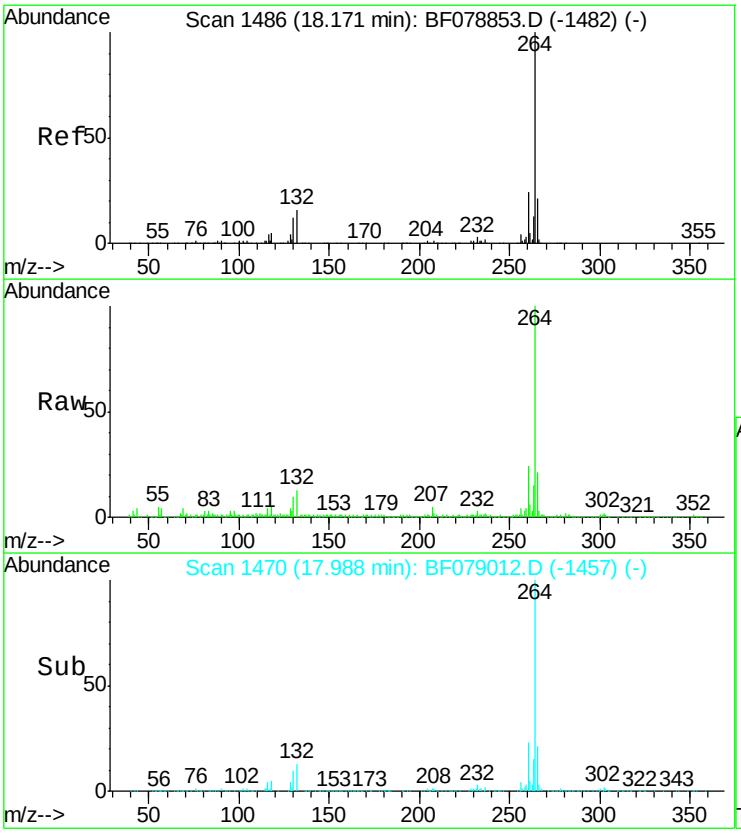
#82
Chrysene
Concen: 13.09 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:228 Resp: 176262

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	23.4	16.0	24.0

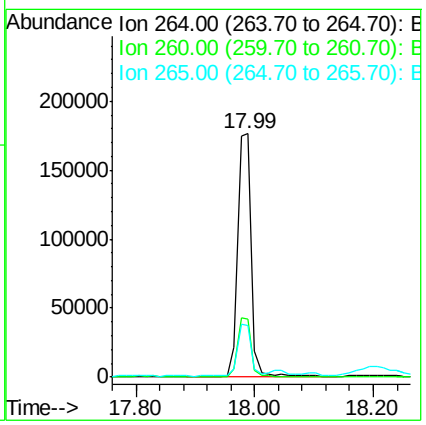


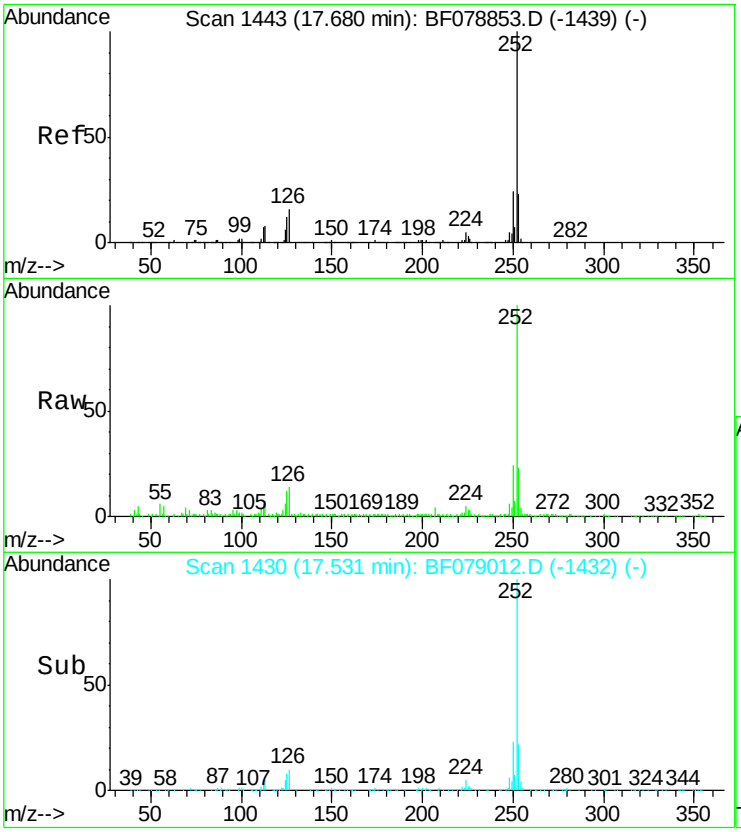


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1470
Delta R.T. -0.15 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:264 Resp: 281294

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.4	18.3	27.5



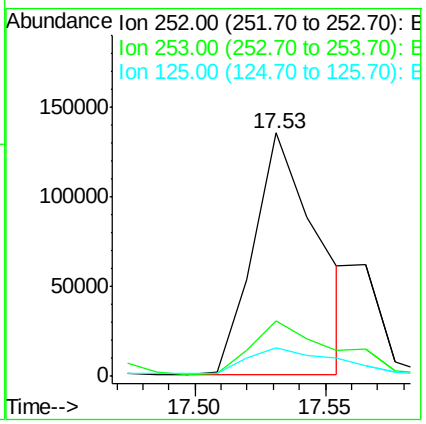


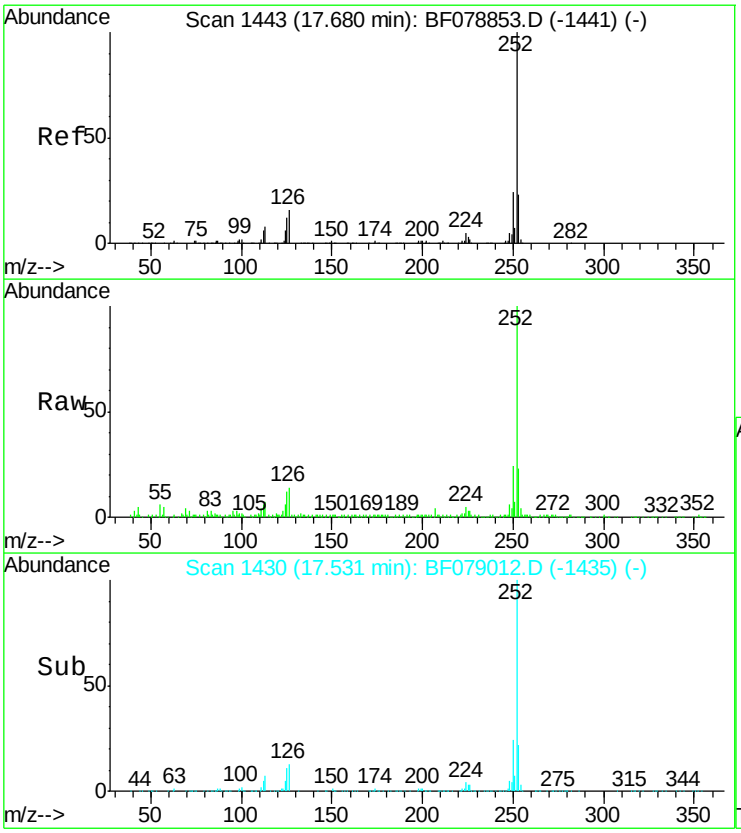
#87
Benzo(b)fluoranthene
Concen: 15.12 ng
RT: 17.53 min Scan# 1430
Delta R.T. -0.13 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:252 Resp: 232830

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	11.7	9.5	14.3

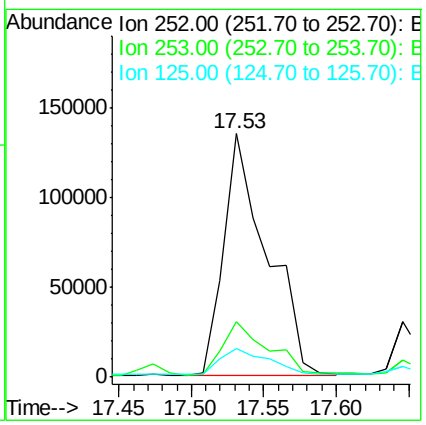


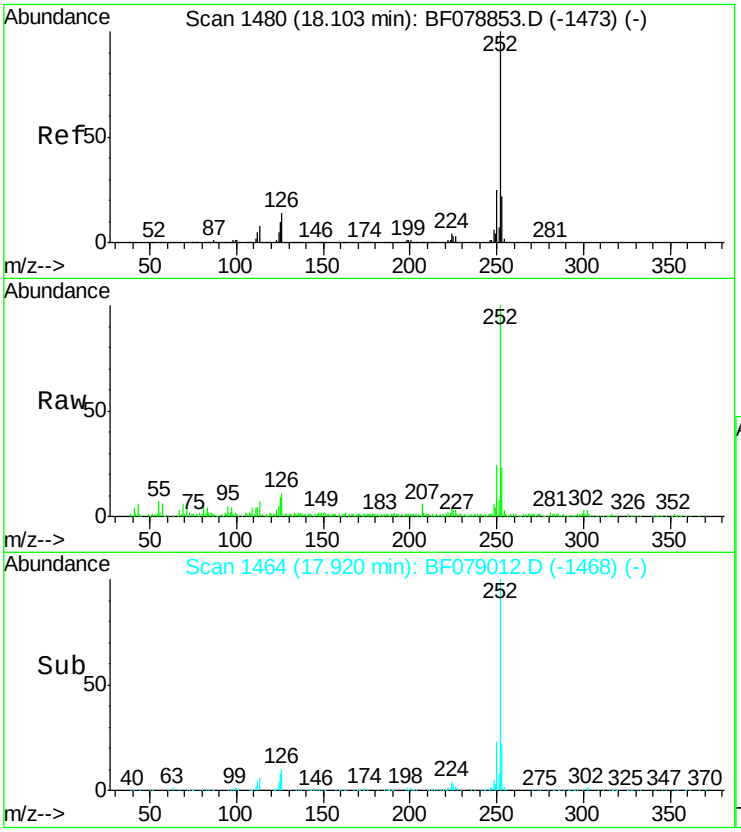


#88
Benzo(k)fluoranthene
Concen: 18.92 ng
RT: 17.53 min Scan# 1430
Delta R.T. -0.16 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:252 Resp: 281934

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.7	10.0	15.0



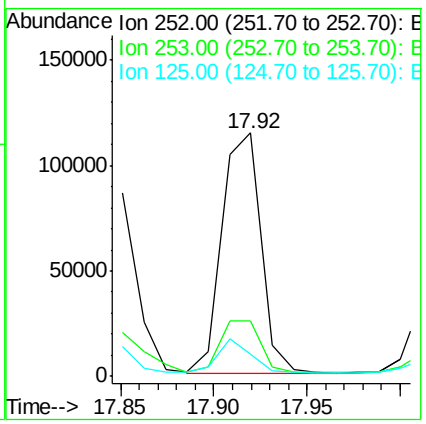


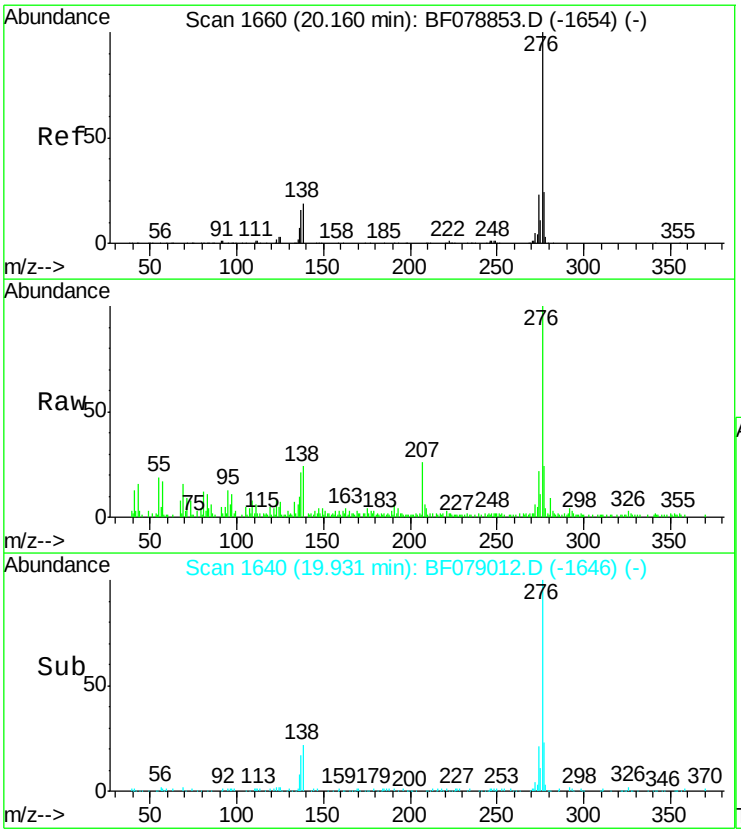
#89
Benzo(a)pyrene
Concen: 11.82 ng
RT: 17.92 min Scan# 1464
Delta R.T. -0.15 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SB-45D

Tgt Ion:252 Resp: 167528

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	9.4	7.0	10.6





#91
Benzo(g,h,i)perylene
Concen: 5.16 ng
RT: 19.93 min Scan# 1640
Delta R.T. -0.17 min
Lab File: BF079012.D
Acq: 7 May 2015 22:58

Tgt Ion:276 Resp: 77922

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	23.8	17.4	26.0