Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079293.D
Acq On : 16 May 2015 4:50
Operator : TP/IZ
Sample : G2246-04DL 4X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12DL

Quant Time: May 16 06:15:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 16 04:02:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	58170	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	241493	20.00	ng		0.00
38) Acenaphthene-d10	10.93	164	112607	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	203121	20.00	ng		0.00
75) Chrysene-d12	16.05	240	201845	20.00	ng		-0.01
86) Perylene-d12	17.77	264	222310	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	90647	26.82	ng		0.00
7) Phenol-d6	6.74	99	130096	29.12	ng		0.00
23) Nitrobenzene-d5	7.86	82	68837	16.38	ng		-0.01
41) 2,4,6-Tribromophenol	11.91	330	29728	24.40	ng		0.00
44) 2-Fluorobiphenyl	10.10	172	151543	18.75	ng		0.00
78) Terphenyl-d14	14.75	244	157597	18.69	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.78	128	94993	8.26	ng		99
37) 2-Methylnaphthalene	9.63	142	22234	2.79	ng		98
48) Acenaphthylene	10.75	152	24614	2.15	ng		99
51) Acenaphthene	10.96	154	30269	4.43	ng		97
54) Dibenzofuran	11.18	168	31809	3.22	ng		94
57) Fluorene	11.60	166	24048	2.97	ng		98
70) Phenanthrene	12.80	178	437423	38.49	ng		100
71) Anthracene	12.86	178	79454	7.13	ng		99
72) Carbazole	13.06	167	36566	3.44	ng		99
74) Fluoranthene	14.27	202	611197	51.62	ng		94
77) Pyrene	14.55	202	545874	46.93	ng		100
80) Benzo(a)anthracene	16.03	228	262490	23.75	ng		94
82) Chrysene	16.08	228	232914	21.91	ng		98
85) Indeno(1,2,3-cd)pyrene	19.17	276	143693	10.61	ng		95
87) Benzo(b)fluoranthene	17.33	252	392285	32.24	ng		99
88) Benzo(k)fluoranthene	17.33	252	392285	33.30	ng	#	96
89) Benzo(a)pyrene	17.70	252	218447	19.50	ng		98
90) Dibenzo(a,h)anthracene	19.18	278	32927	2.77	ng		94
91) Benzo(g,h,i)perylene	19.58	276	137826	11.55	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079293.D
Acq On : 16 May 2015 4:50
Operator : TP/IZ
Sample : G2246-04DL 4X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Quant Time: May 16 06:15:44 2015
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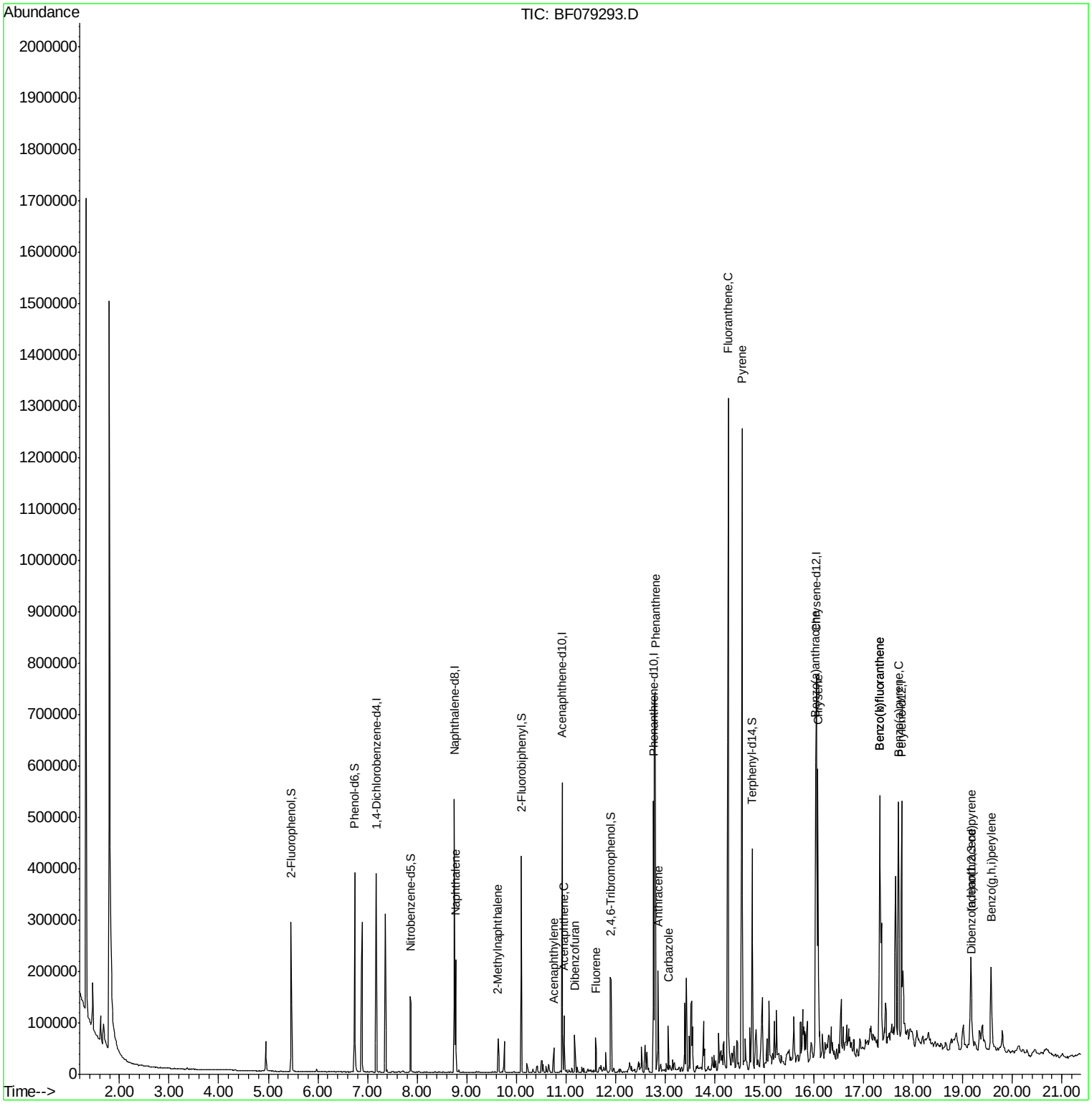
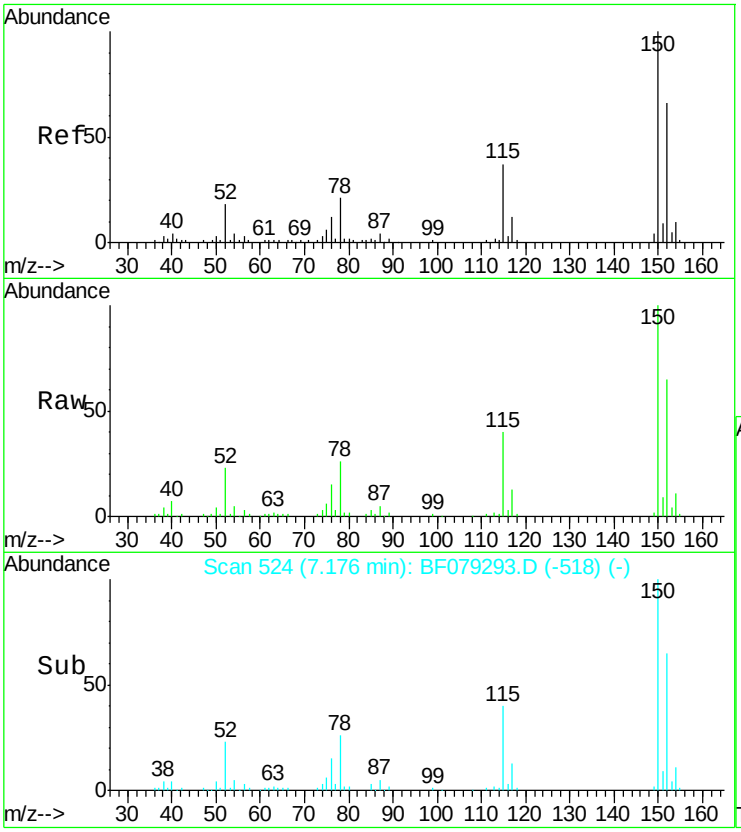
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 16 04:02:20 2015
Response via : Initial Calibration



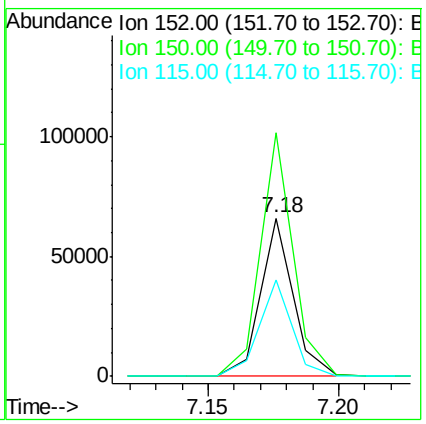


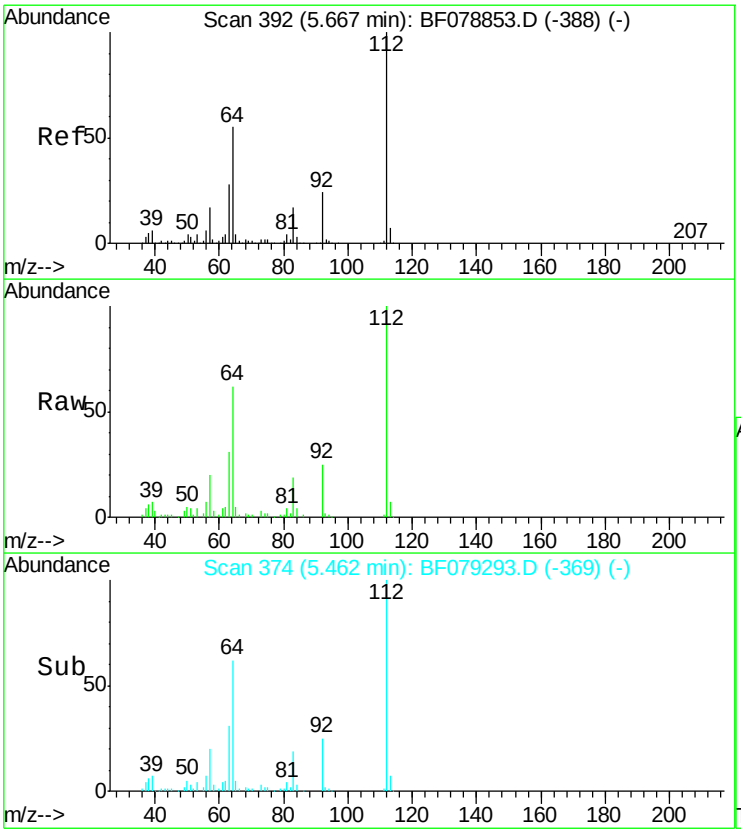
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.18 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:152 Resp: 58170

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.8	185.8
115	61.0	49.4	74.0

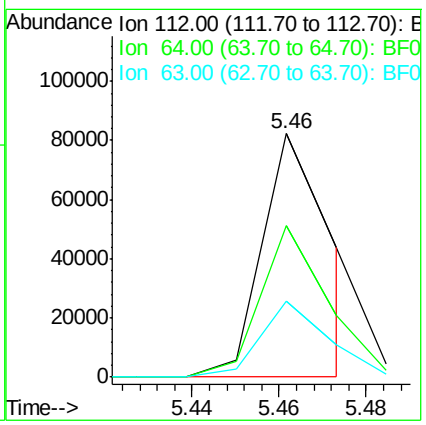


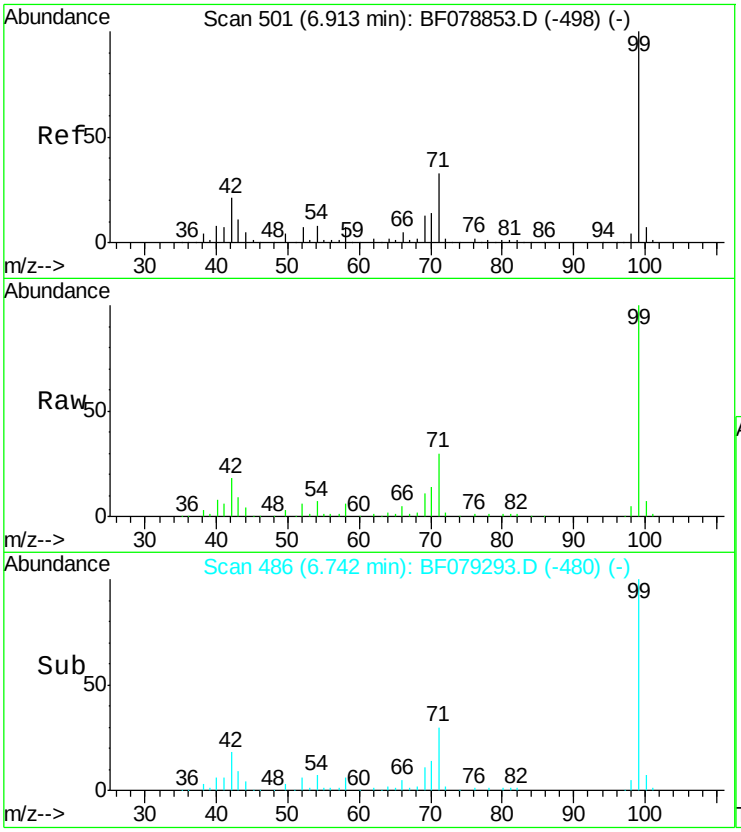


#5
2-Fluorophenol
Concen: 26.82 ng
RT: 5.46 min Scan# 374
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:112 Resp: 90647

Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.2	66.2
63	31.3	22.7	34.1



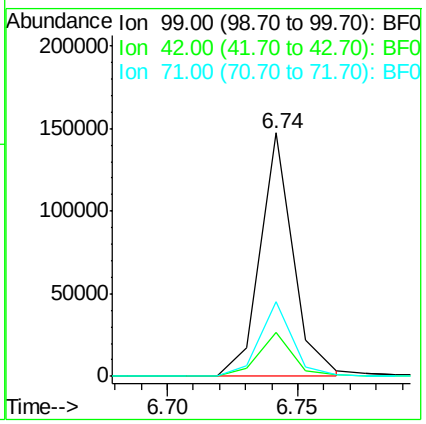


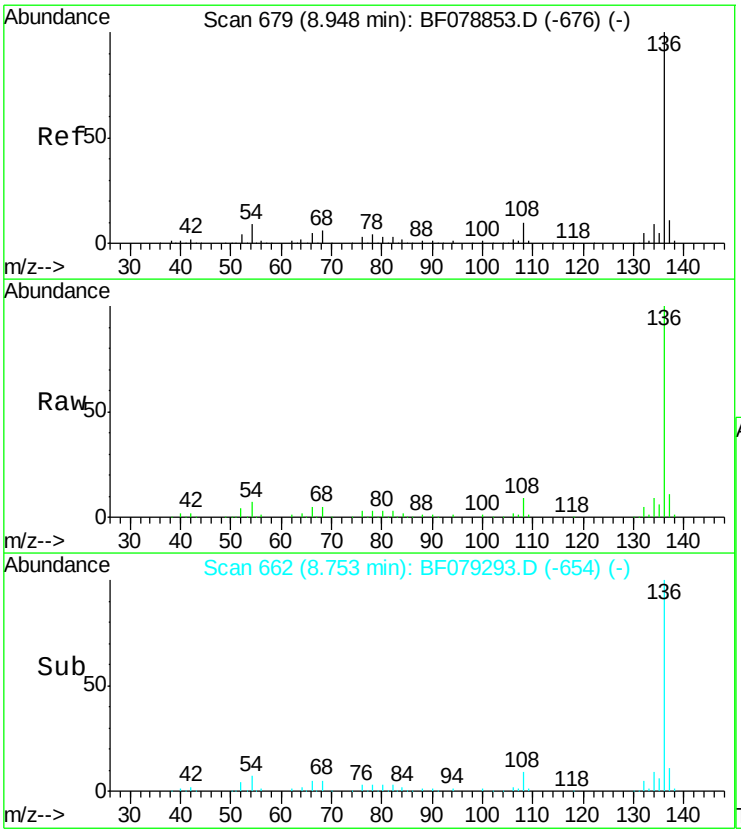
#7
Phenol-d6
Concen: 29.12 ng
RT: 6.74 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion: 99 Resp: 130096

Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.1	25.7
71	30.5	26.3	39.5

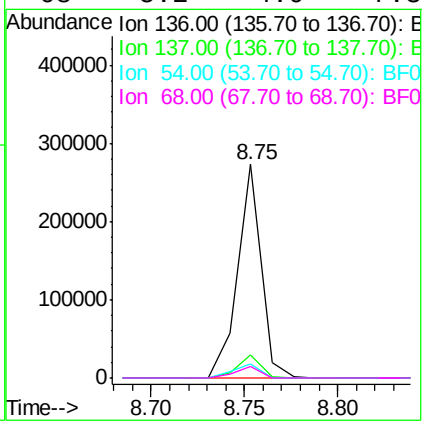


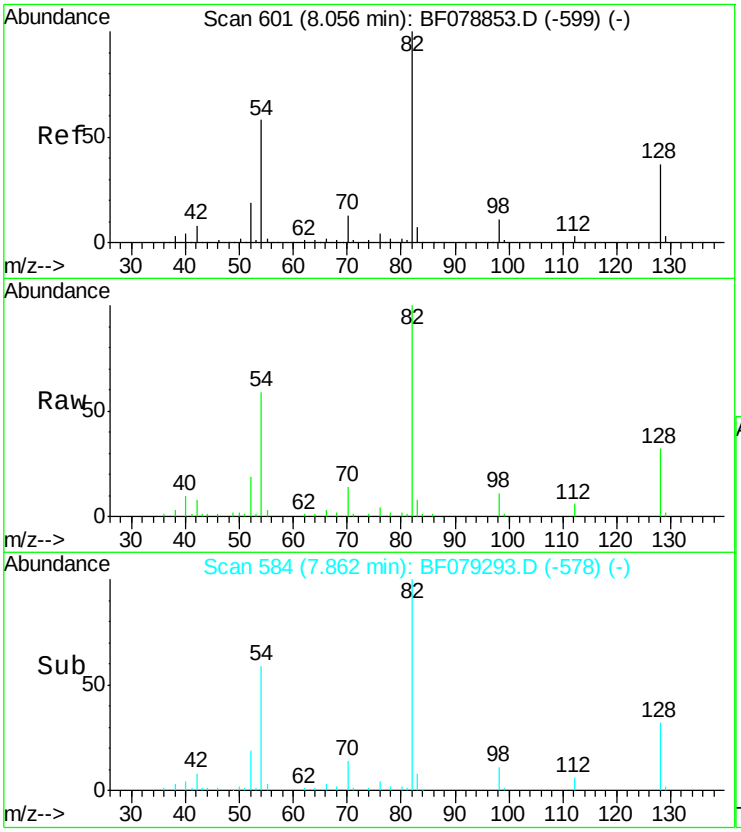


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:136 Resp: 241493

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.8	6.9	10.3#
68	5.2	4.9	7.3



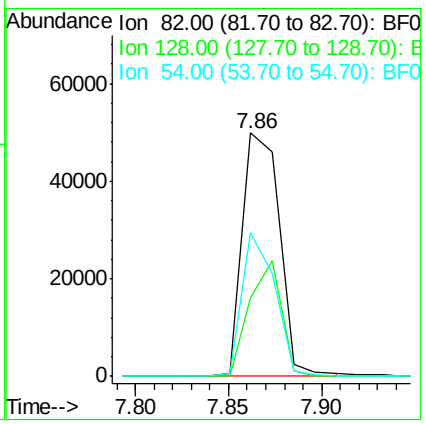


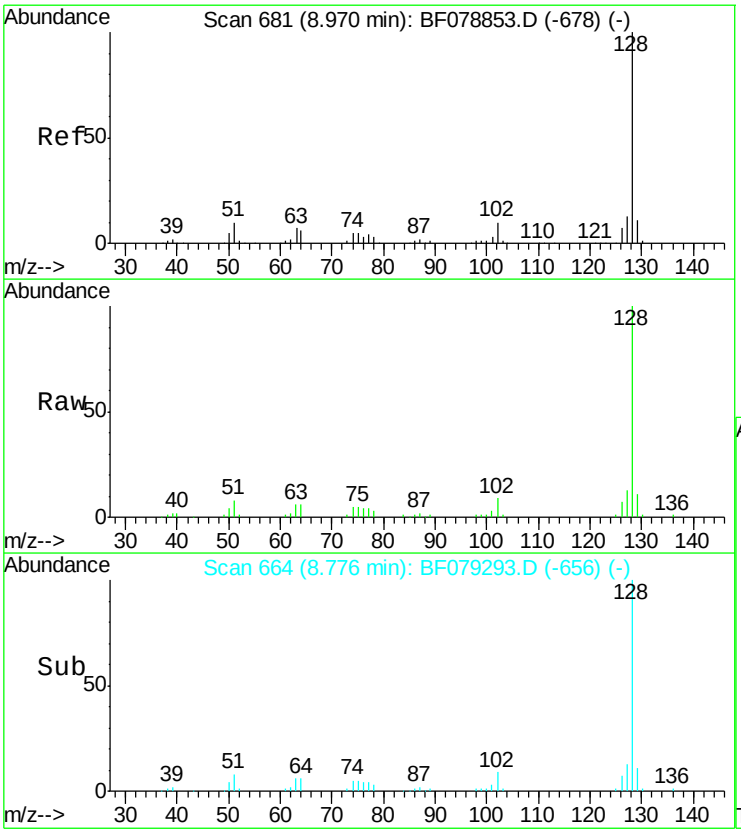
#23
Nitrobenzene-d5
Concen: 16.38 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion: 82 Resp: 68837

Ion	Ratio	Lower	Upper
82	100		
128	32.4	29.7	44.5
54	59.3	46.2	69.4

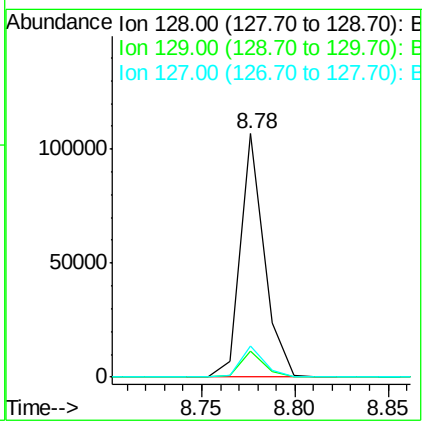


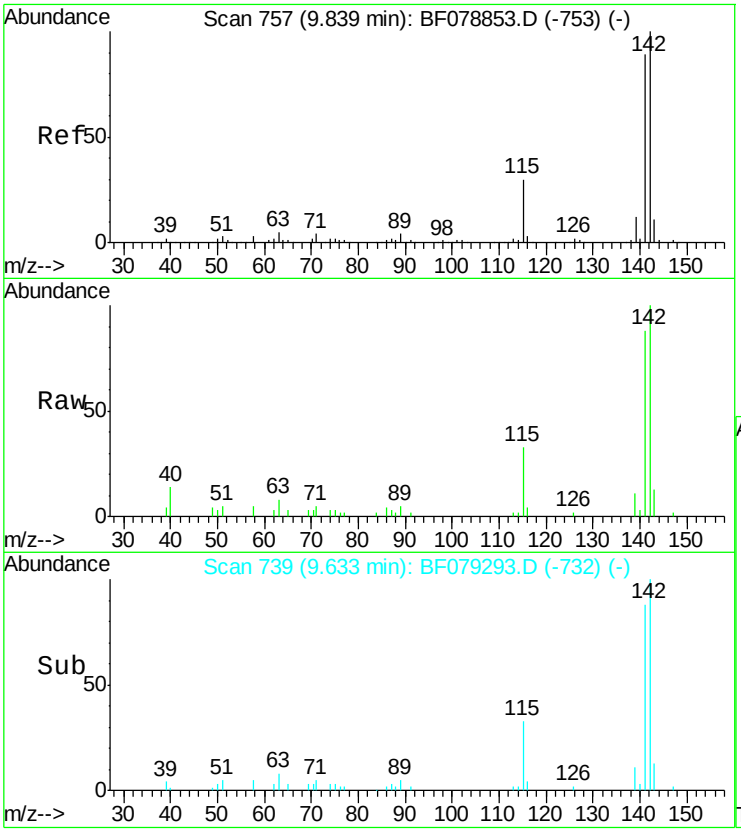


#31
Naphthalene
Concen: 8.26 ng
RT: 8.78 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:128 Resp: 94993

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.2	13.8
127	12.6	10.3	15.5



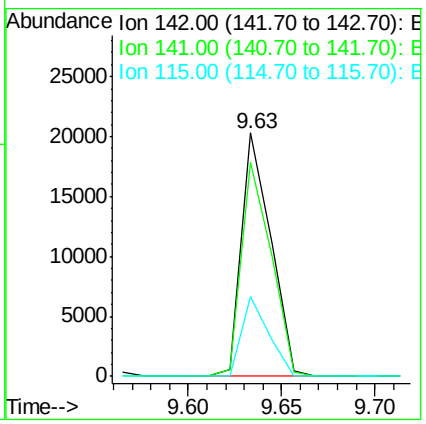


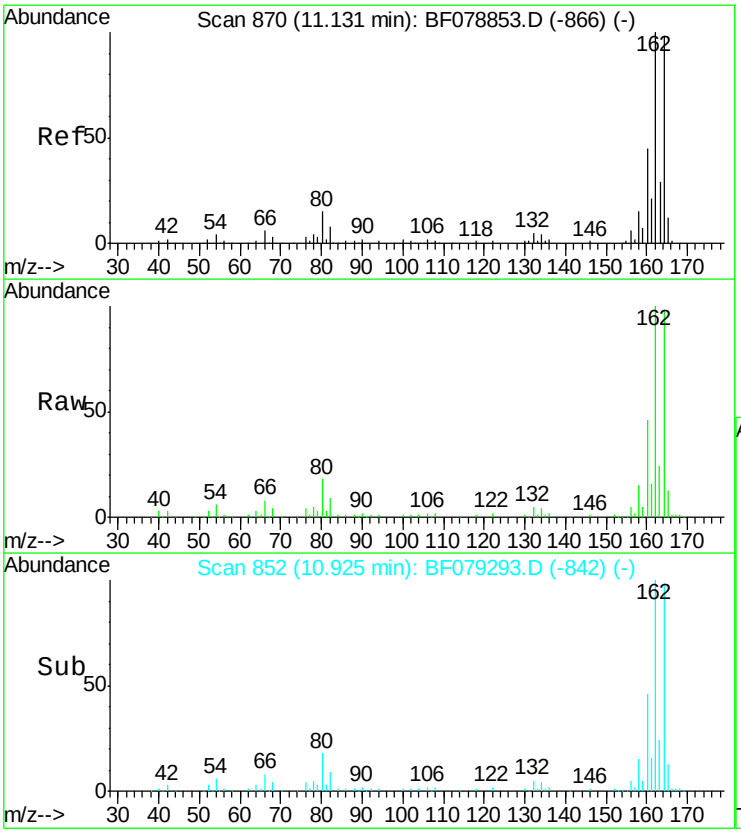
#37
2-Methylnaphthalene
Concen: 2.79 ng
RT: 9.63 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:142 Resp: 22234

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.6	107.4
115	32.5	24.2	36.4

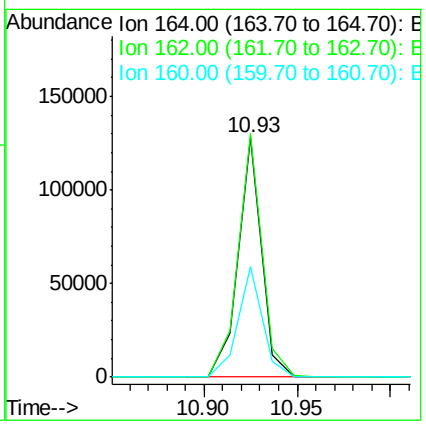


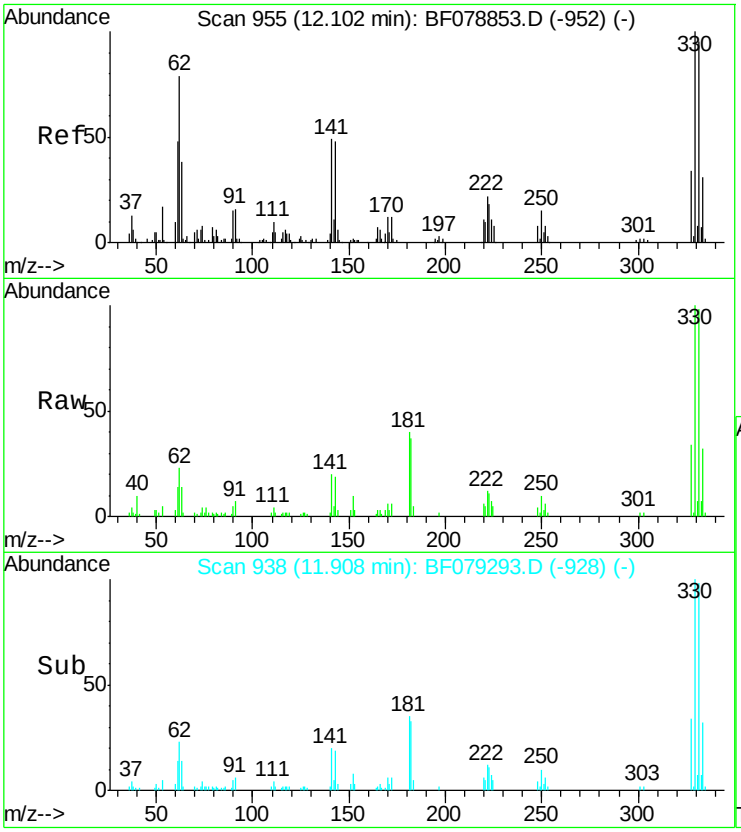


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:164 Resp: 112607

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	46.3	36.6	54.8



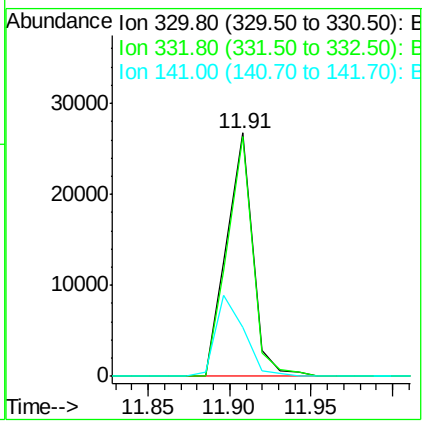


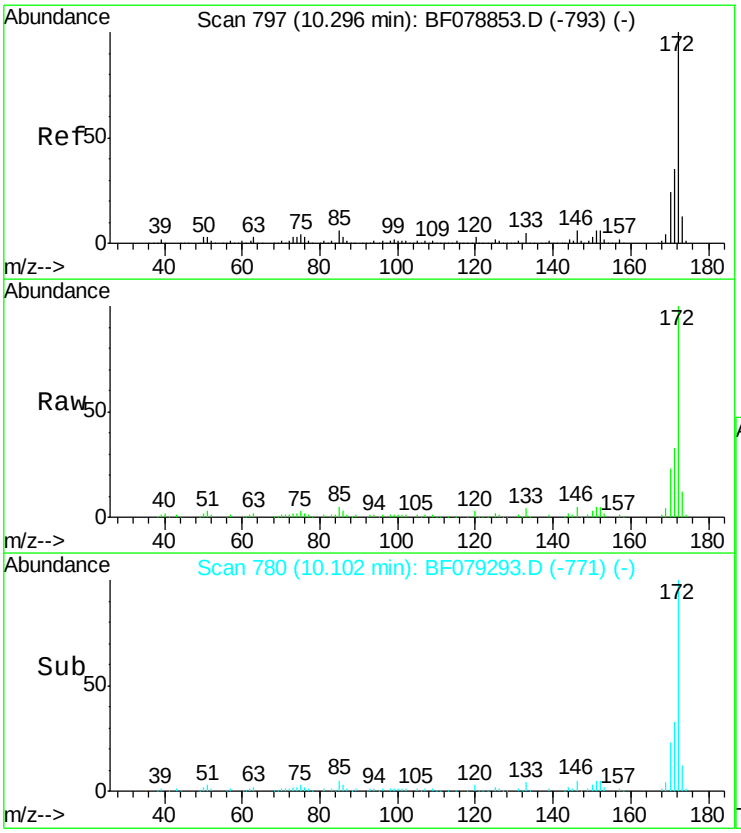
#41
2,4,6-Tribromophenol
Concen: 24.40 ng
RT: 11.91 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:330 Resp: 29728

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	36.0	27.8	41.8

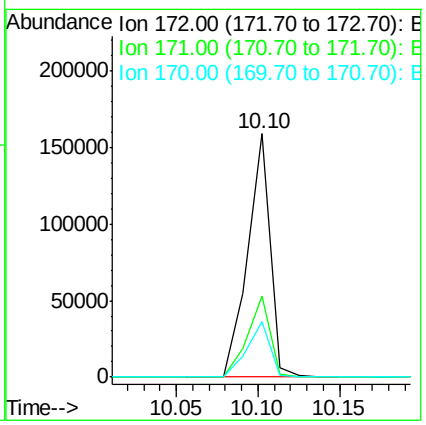


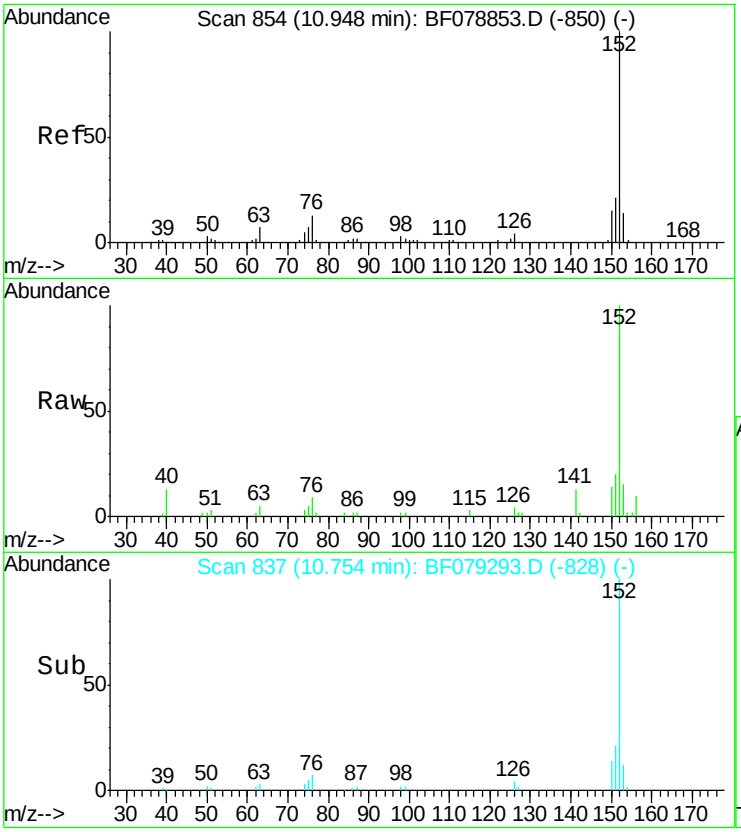


#44
2-Fluorobiphenyl
Concen: 18.75 ng
RT: 10.10 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:172 Resp: 151543

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.3	42.5
170	22.6	19.4	29.2



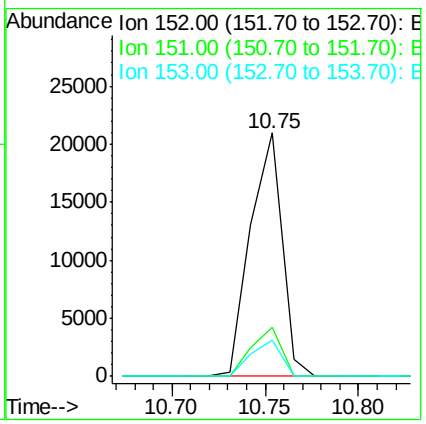


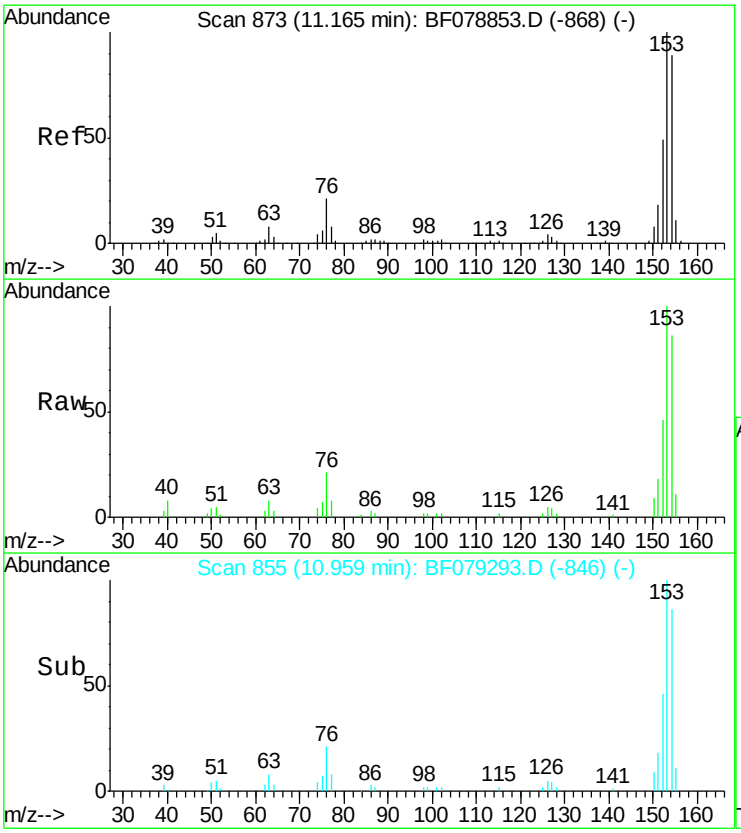
#48
Acenaphthylene
Concen: 2.15 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:152 Resp: 24614

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	14.8	11.0	16.6

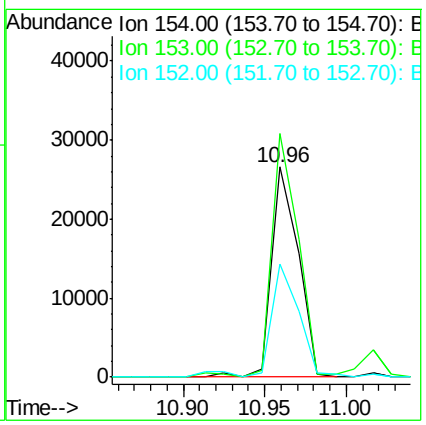


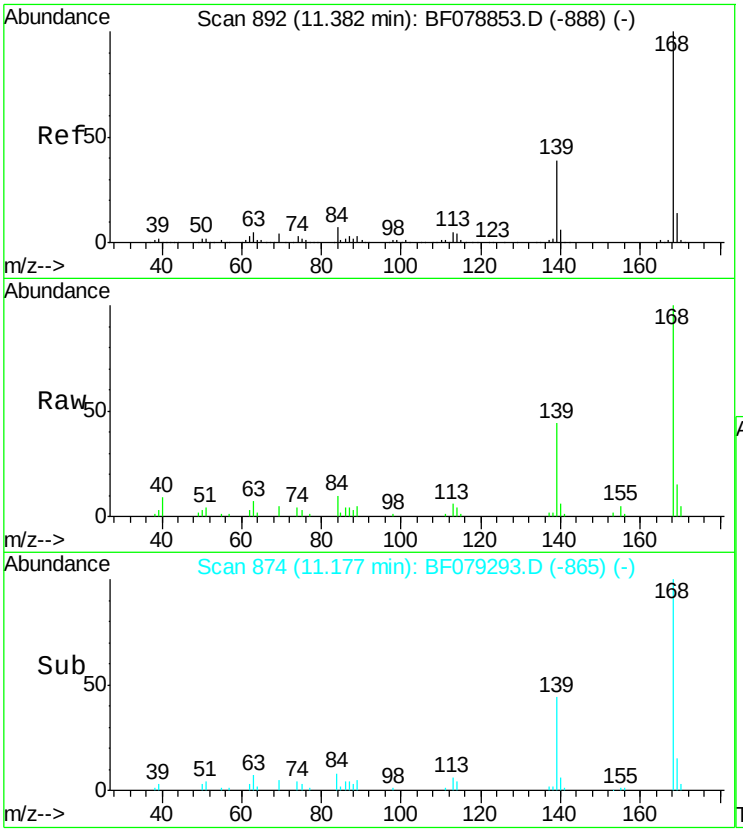


#51
Acenaphthene
Concen: 4.43 ng
RT: 10.96 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:154 Resp: 30269

Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.2	135.2
152	53.6	43.8	65.8



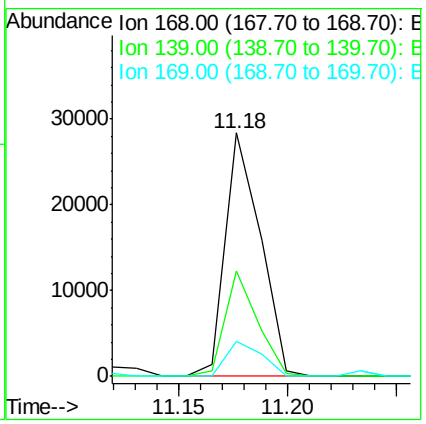


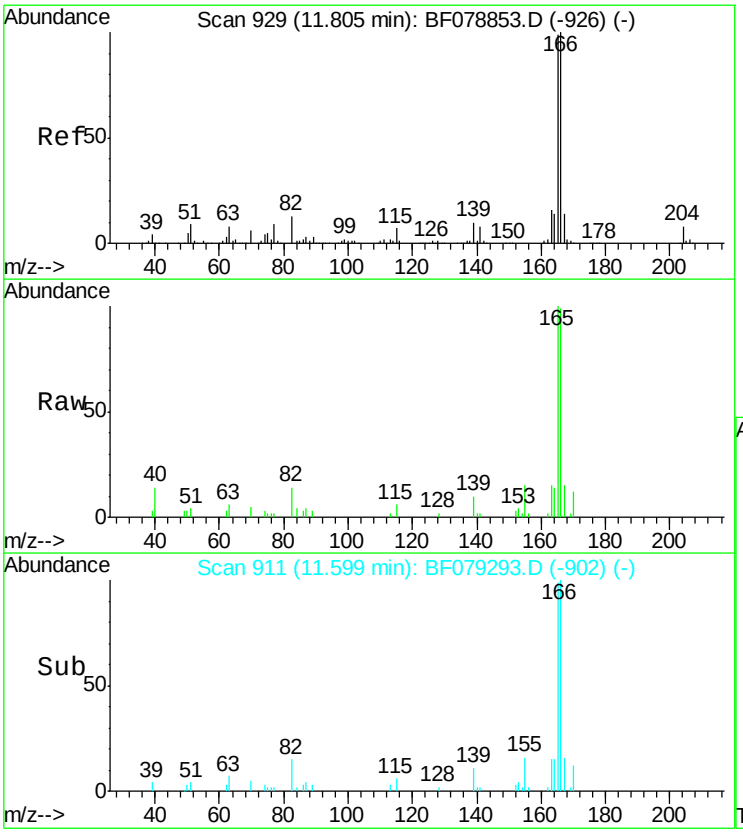
#54
Dibenzofuran
Concen: 3.22 ng
RT: 11.18 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:168 Resp: 31809

Ion	Ratio	Lower	Upper
168	100		
139	43.5	31.5	47.3
169	14.6	11.0	16.4

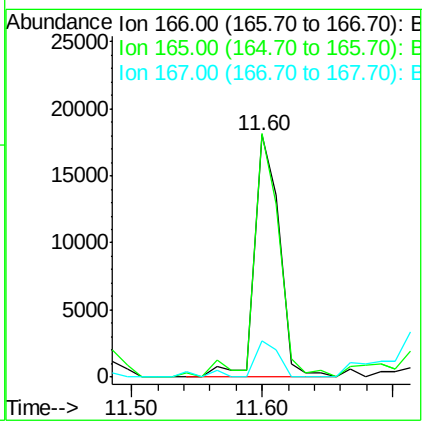


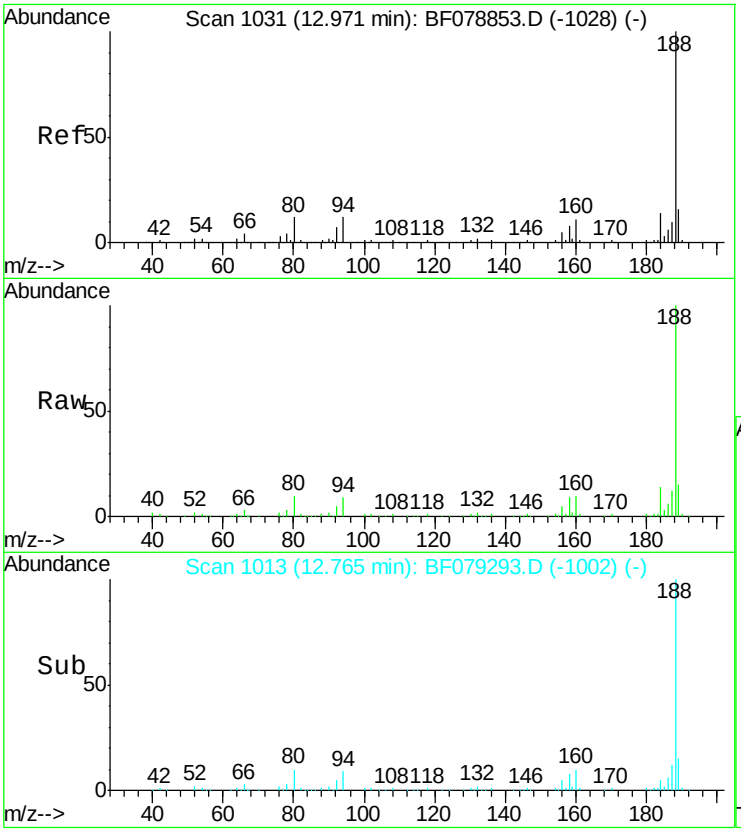


#57
Fluorene
Concen: 2.97 ng
RT: 11.60 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:166 Resp: 24048

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.5	119.3
167	15.1	11.0	16.6



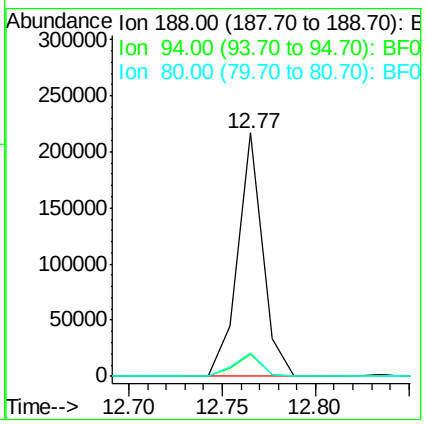


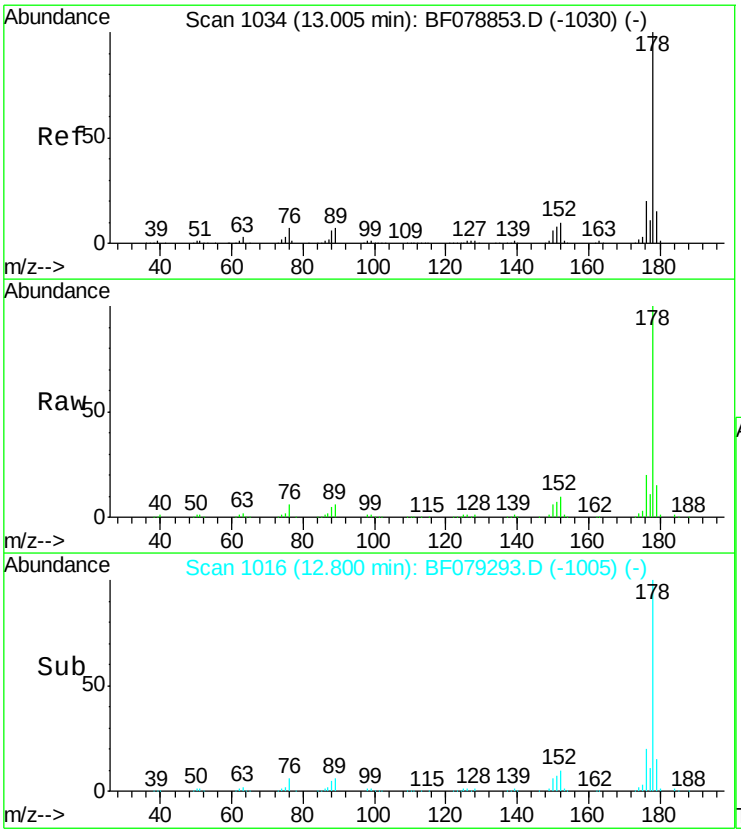
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:188 Resp: 203121

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.4	14.0#
80	9.9	9.8	14.6

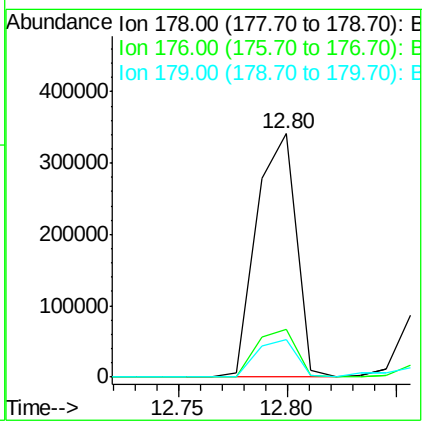


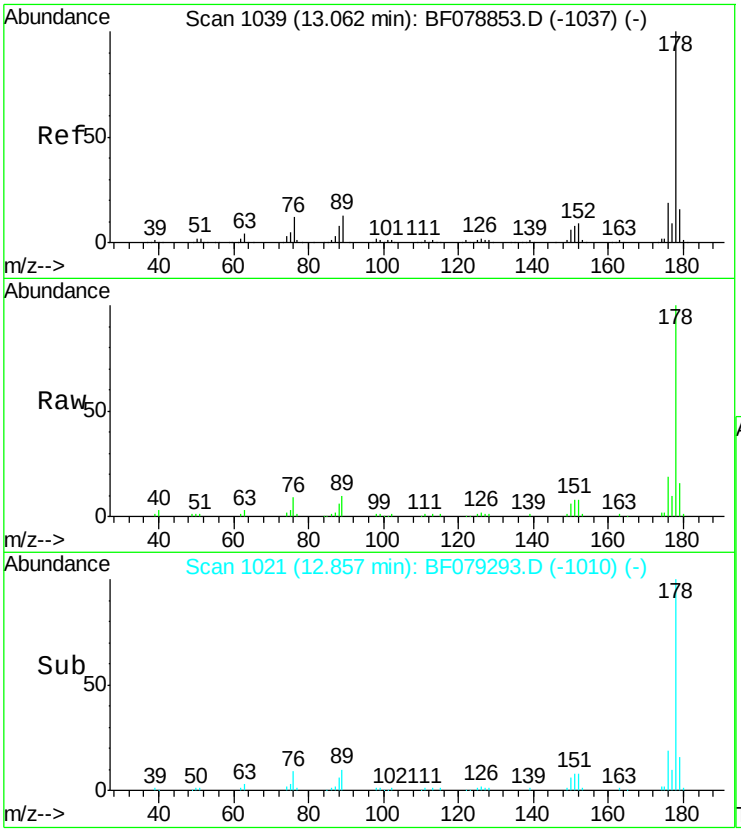


#70
Phenanthrene
Concen: 38.49 ng
RT: 12.80 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:178 Resp: 437423

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.2	12.2	18.4



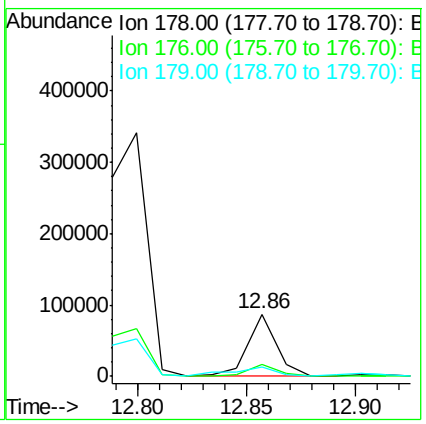


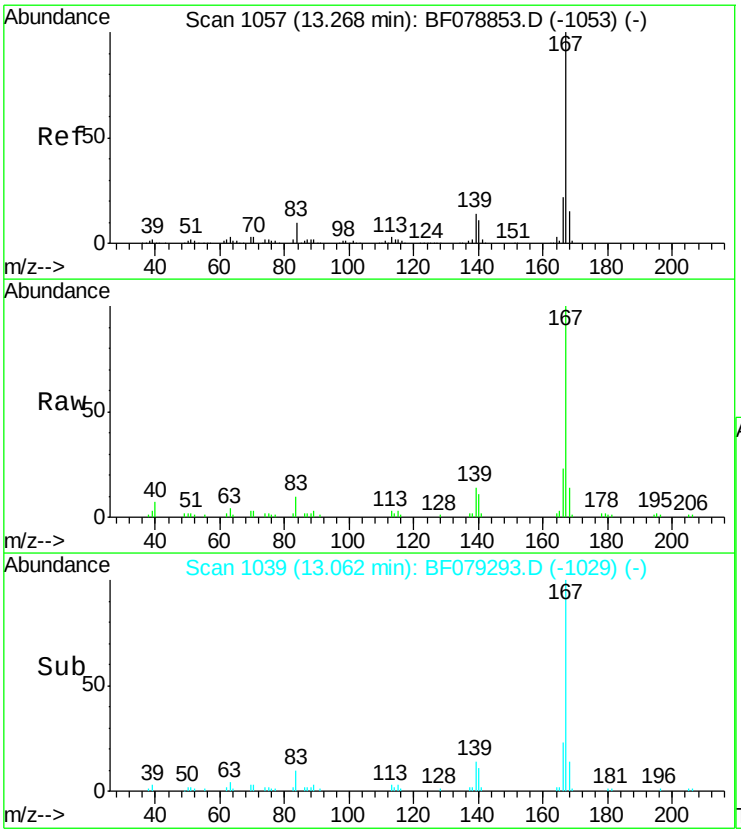
#71
Anthracene
Concen: 7.13 ng
RT: 12.86 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:178 Resp: 79454

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.5	12.6	19.0

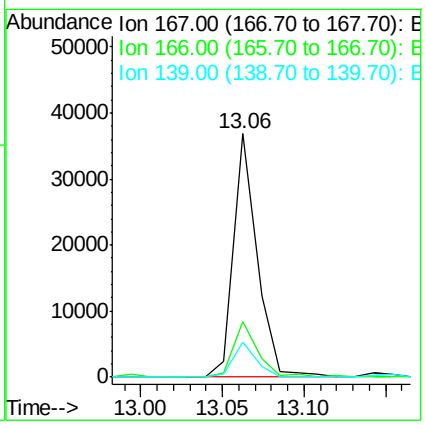


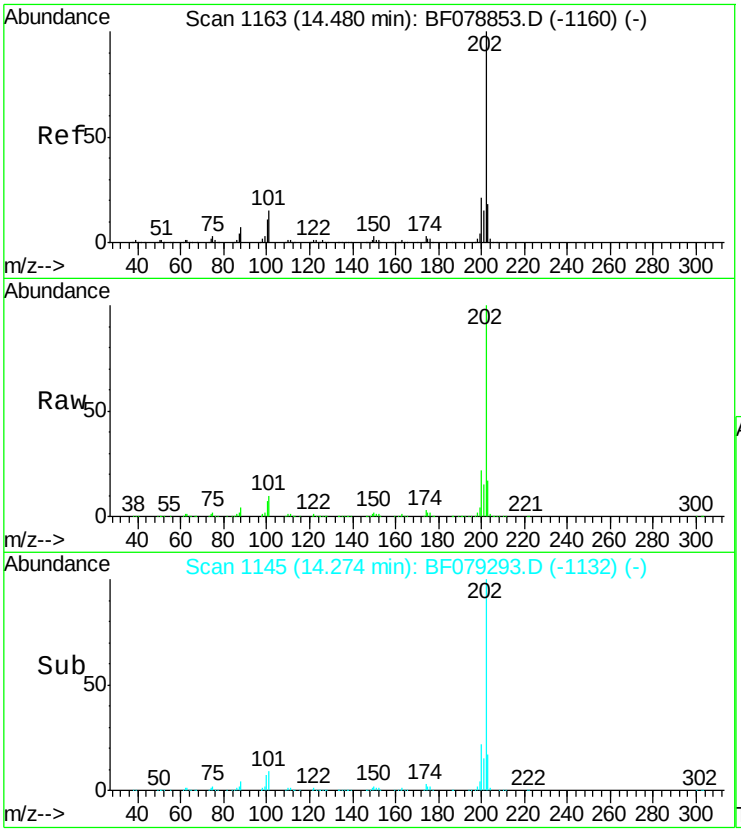


#72
Carbazole
Concen: 3.44 ng
RT: 13.06 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:167 Resp: 36566

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.5	26.3
139	14.2	11.0	16.4



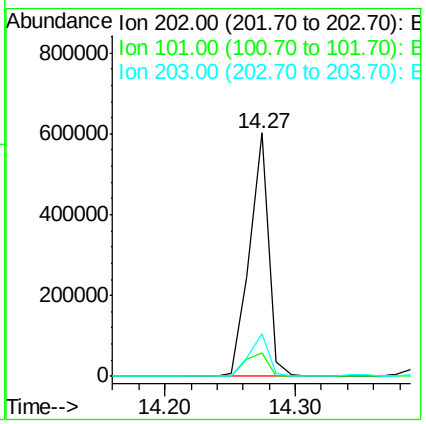


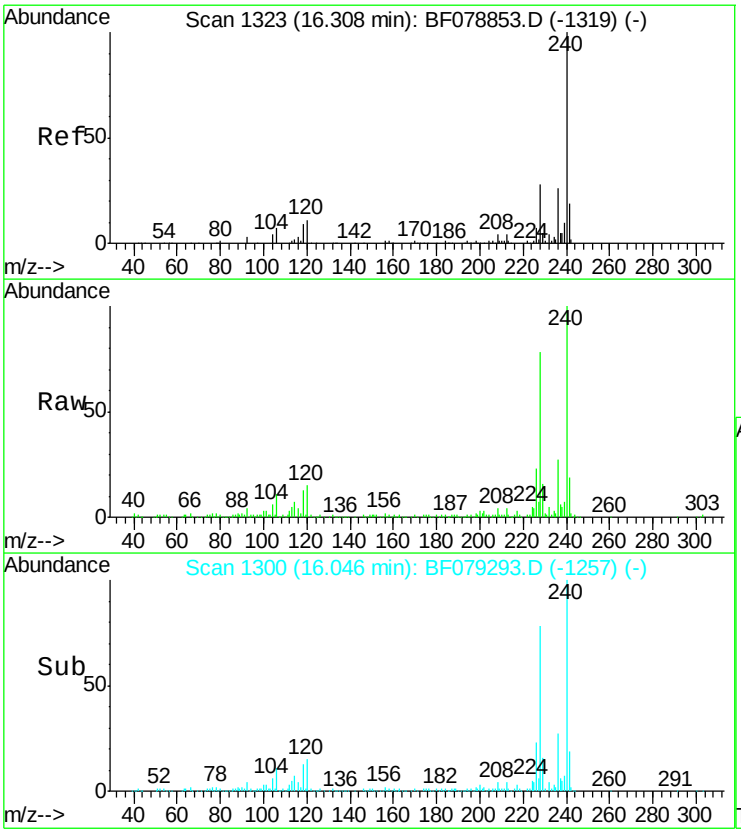
#74
Fluoranthene
Concen: 51.62 ng
RT: 14.27 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:202 Resp: 611197

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.7
203	17.5	0.0	37.9

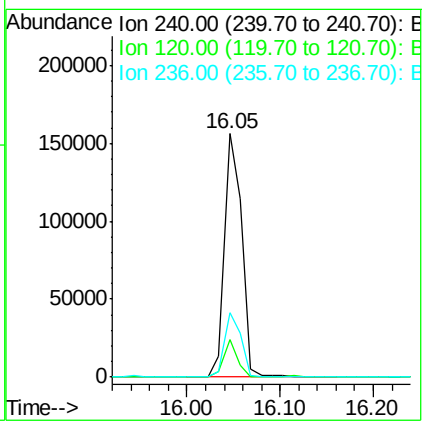


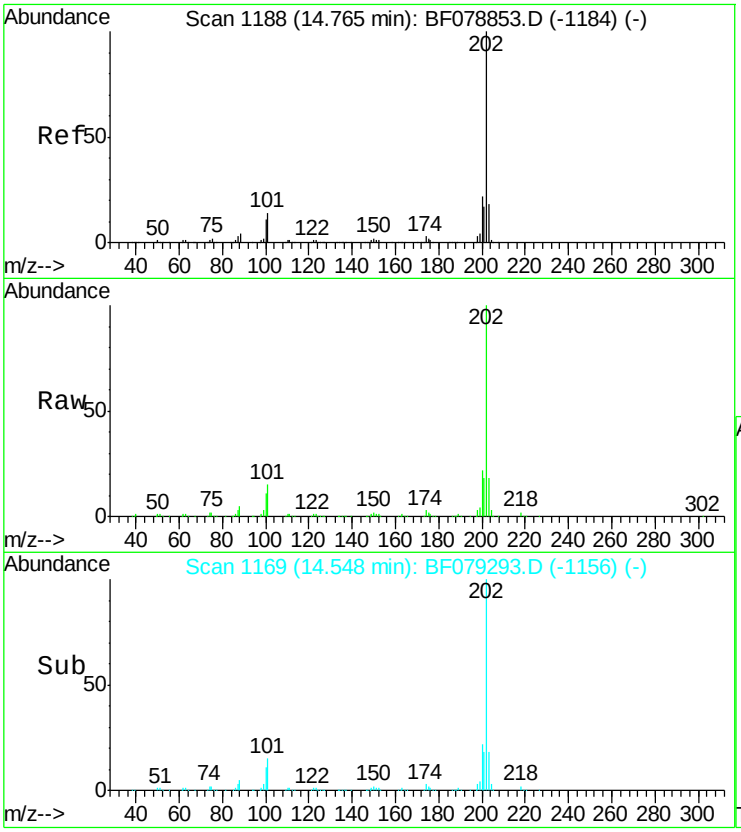


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:240 Resp: 201845

Ion	Ratio	Lower	Upper
240	100		
120	15.3	8.6	12.8#
236	26.7	21.0	31.6



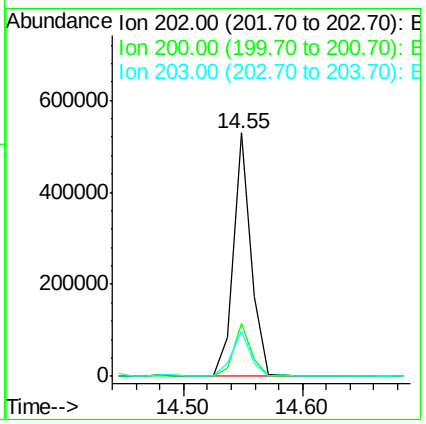


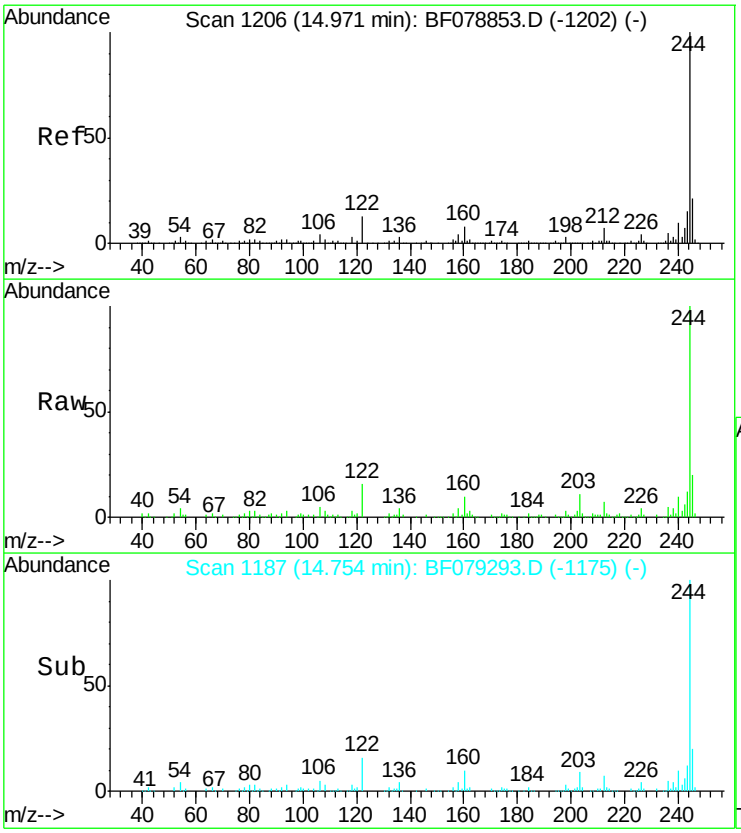
#77
Pyrene
Concen: 46.93 ng
RT: 14.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:202 Resp: 545874

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.5	26.3
203	18.4	14.7	22.1

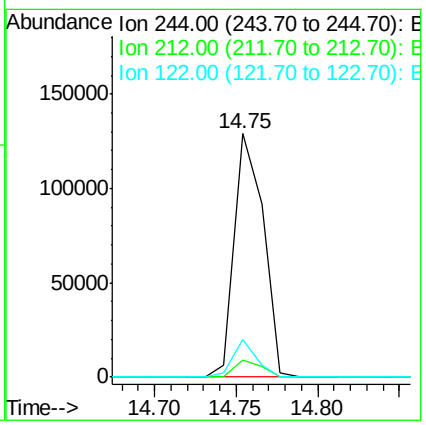


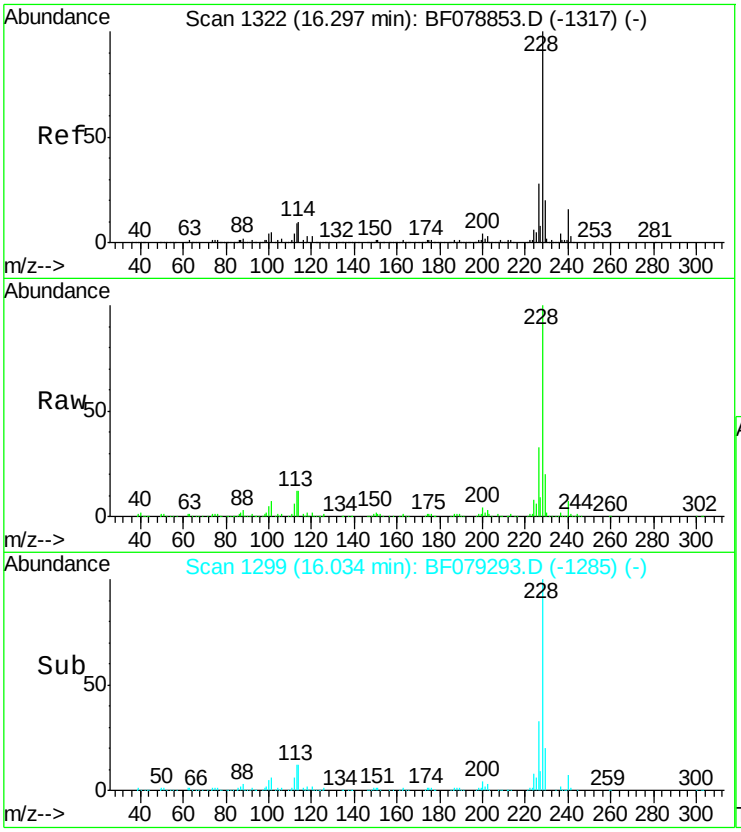


#78
Terphenyl-d14
Concen: 18.69 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:244 Resp: 157597

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	15.5	10.5	15.7



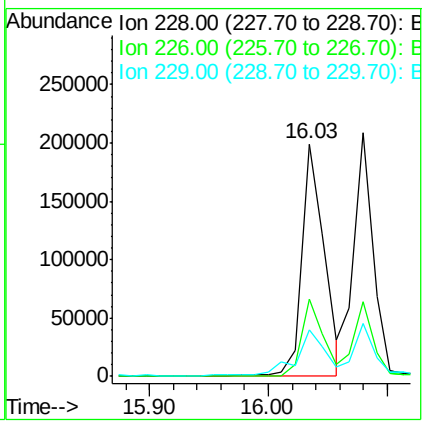


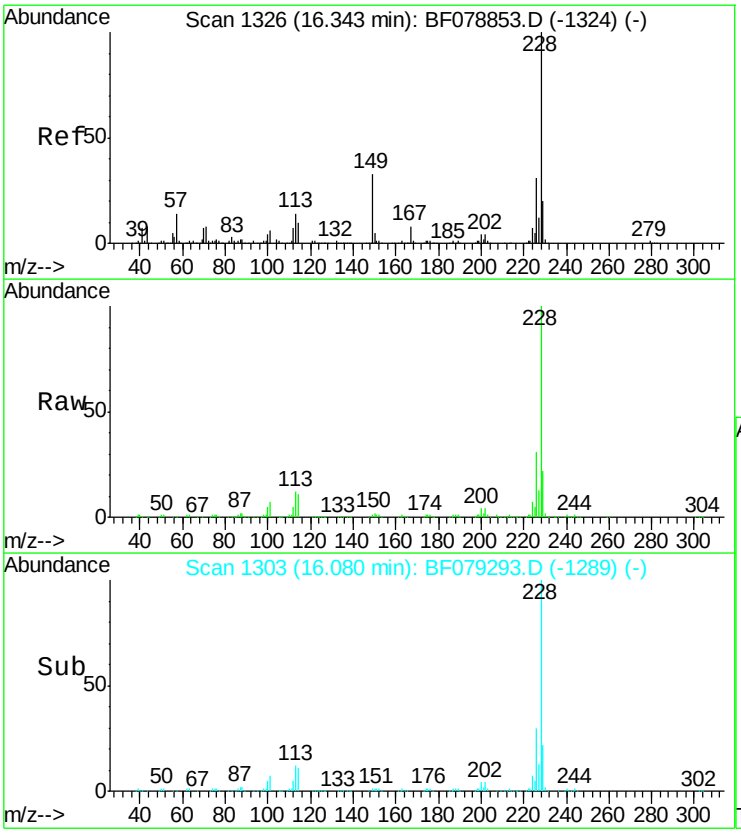
#80
Benzo(a)anthracene
Concen: 23.75 ng
RT: 16.03 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:228 Resp: 262490

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.3	33.5
229	20.1	16.1	24.1

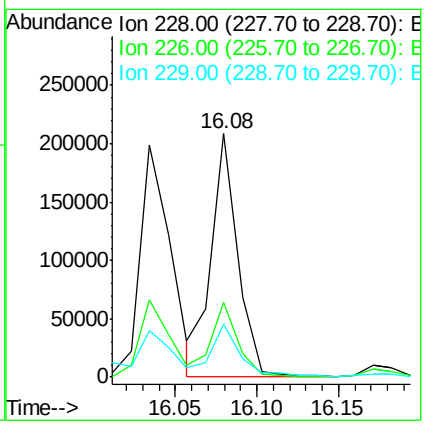


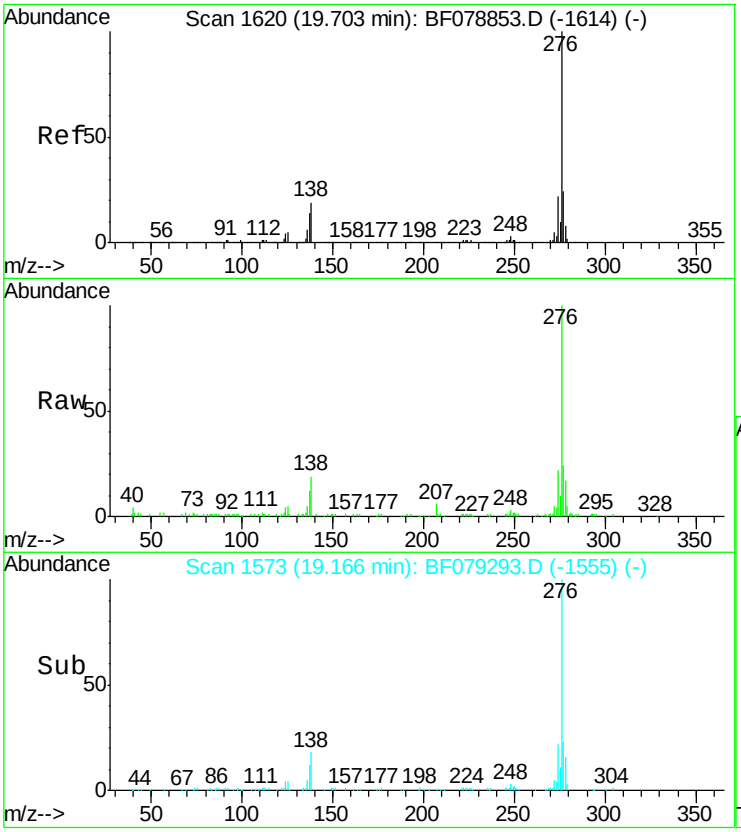


#82
Chrysene
Concen: 21.91 ng
RT: 16.08 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:228 Resp: 232914

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	22.0	16.1	24.1



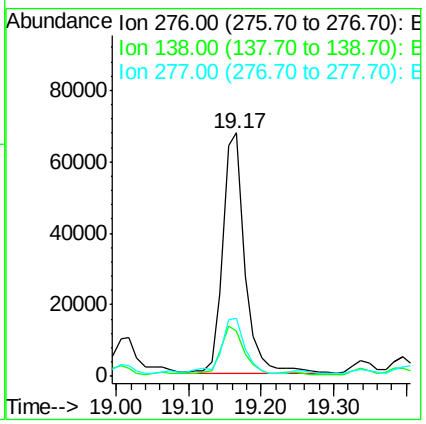


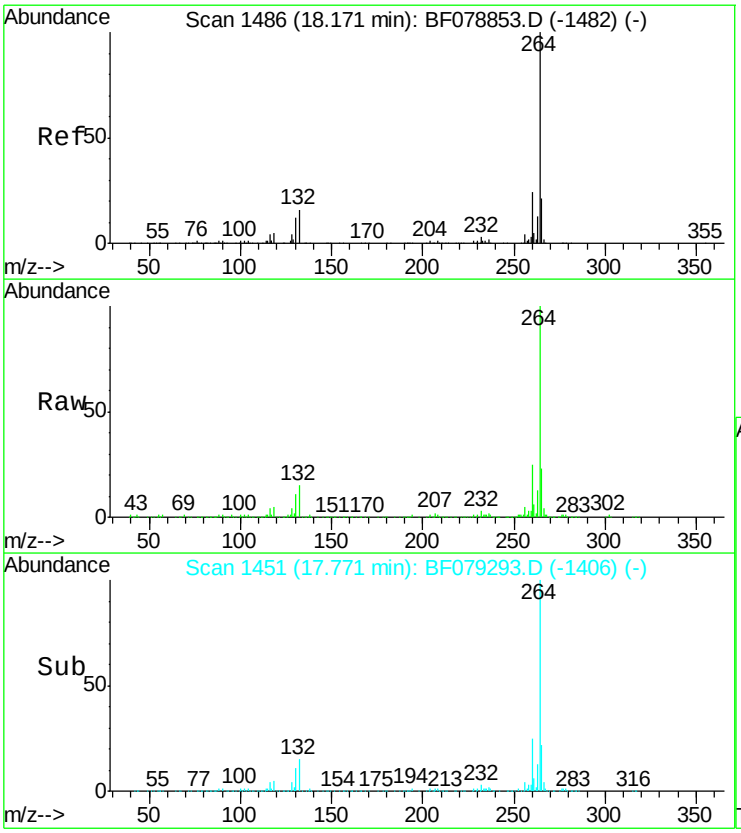
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.61 ng
RT: 19.17 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:276 Resp: 143693

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.1	31.7
277	24.9	19.9	29.9

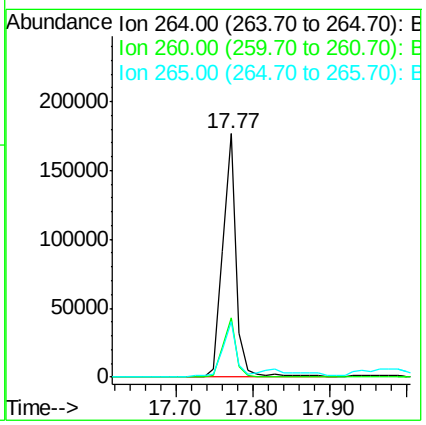


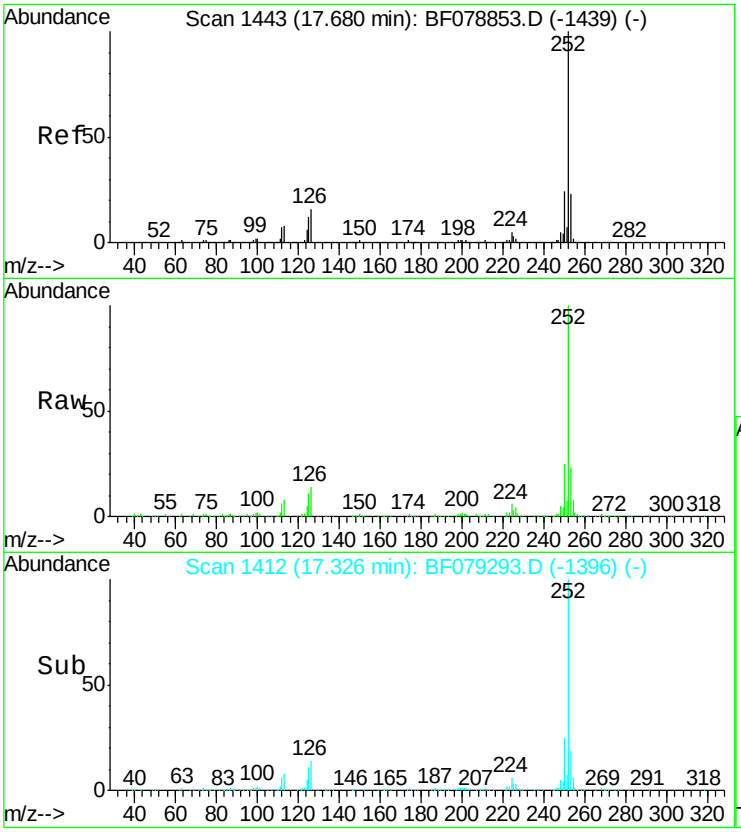


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:264 Resp: 222310

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.6	17.2	25.8



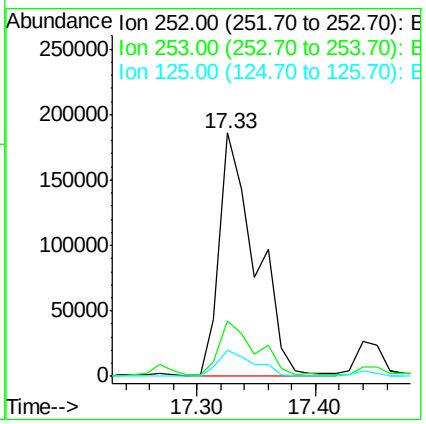


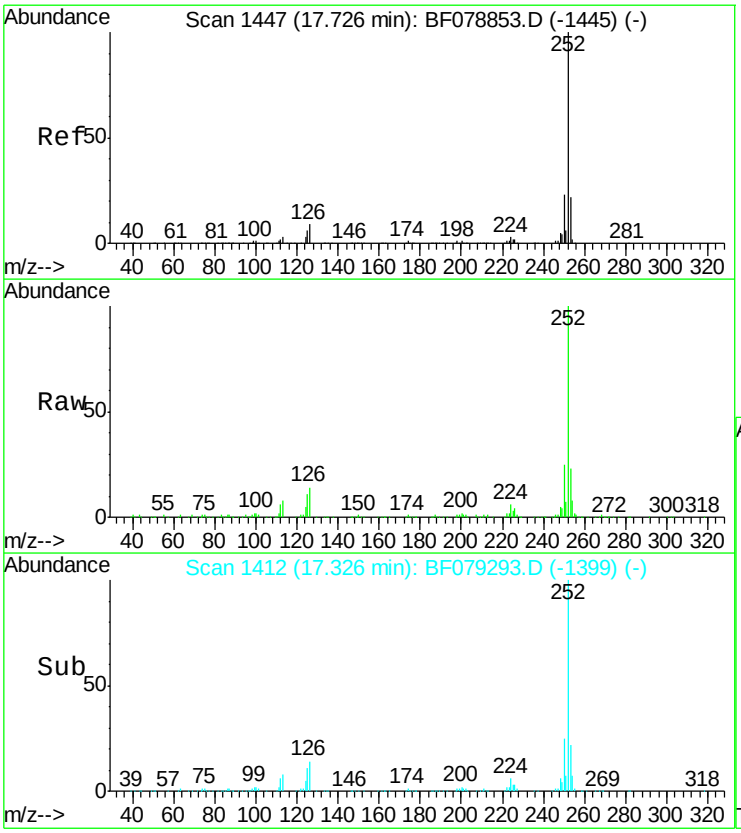
#87
Benzo(b)fluoranthene
Concen: 32.24 ng
RT: 17.33 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:252 Resp: 392285

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.8	9.4	14.2

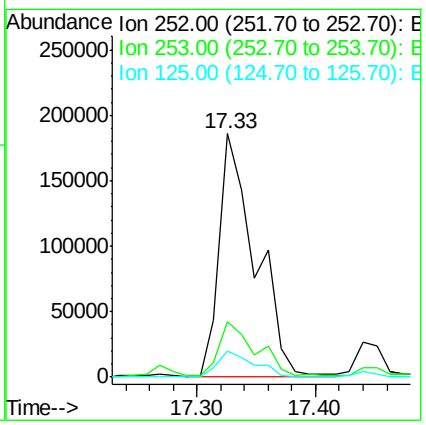


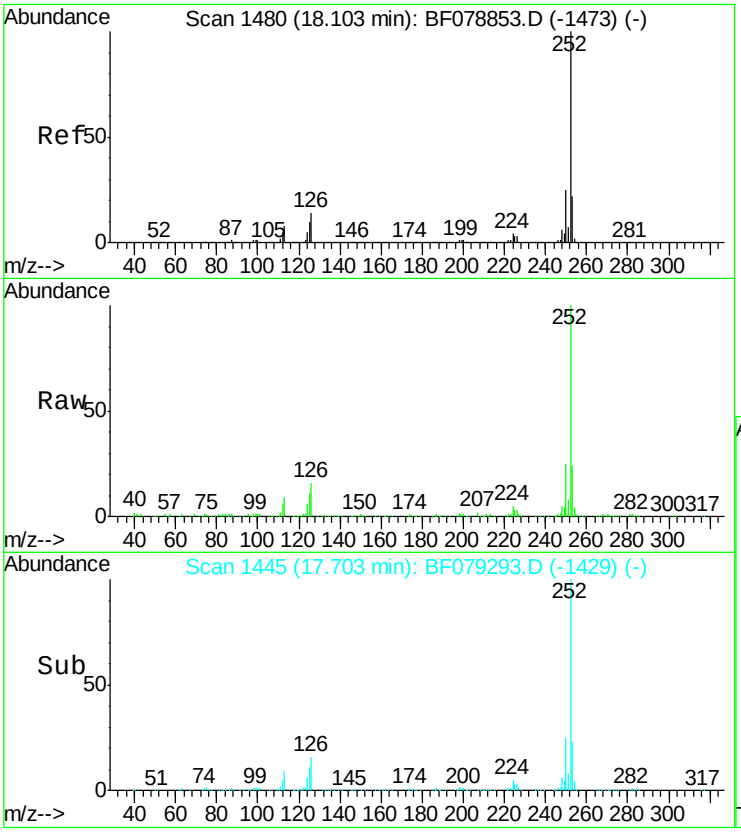


#88
Benzo(k)fluoranthene
Concen: 33.30 ng
RT: 17.33 min Scan# 1412
Delta R.T. -0.03 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:252 Resp: 392285

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	10.8	6.1	9.1#



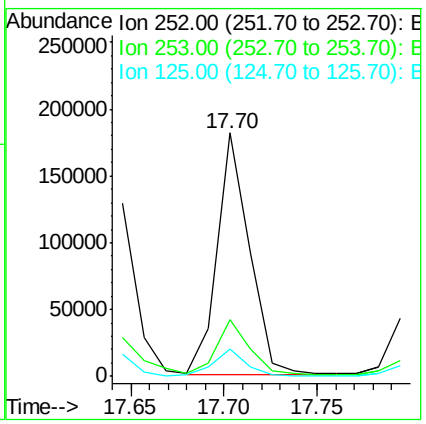


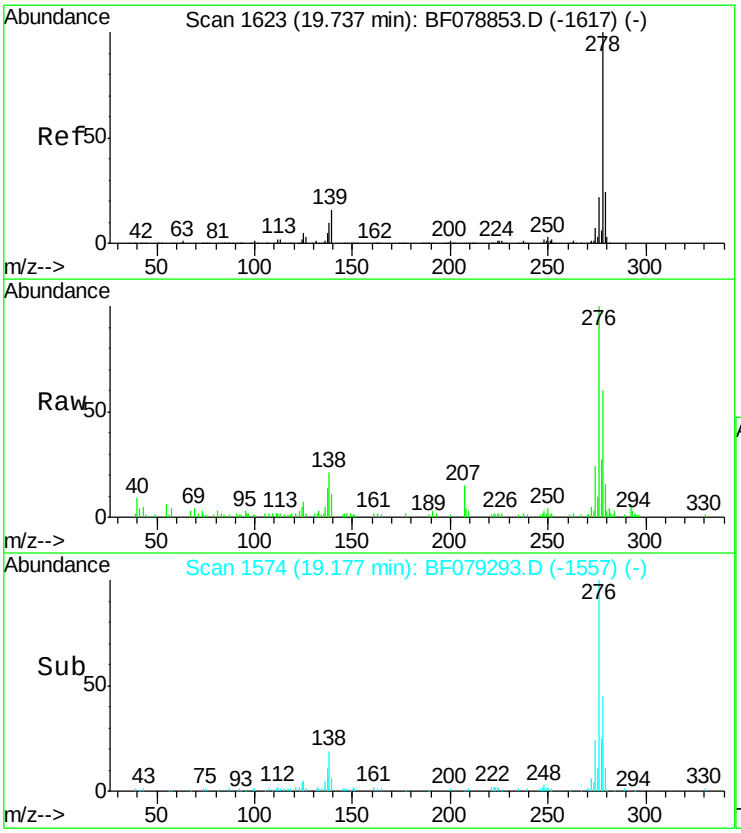
#89
Benzo(a)pyrene
Concen: 19.50 ng
RT: 17.70 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:252 Resp: 218447

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	11.2	8.2	12.2

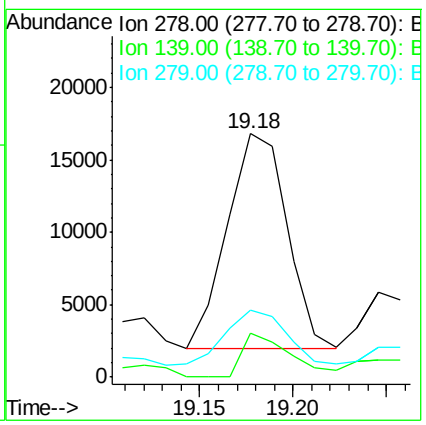


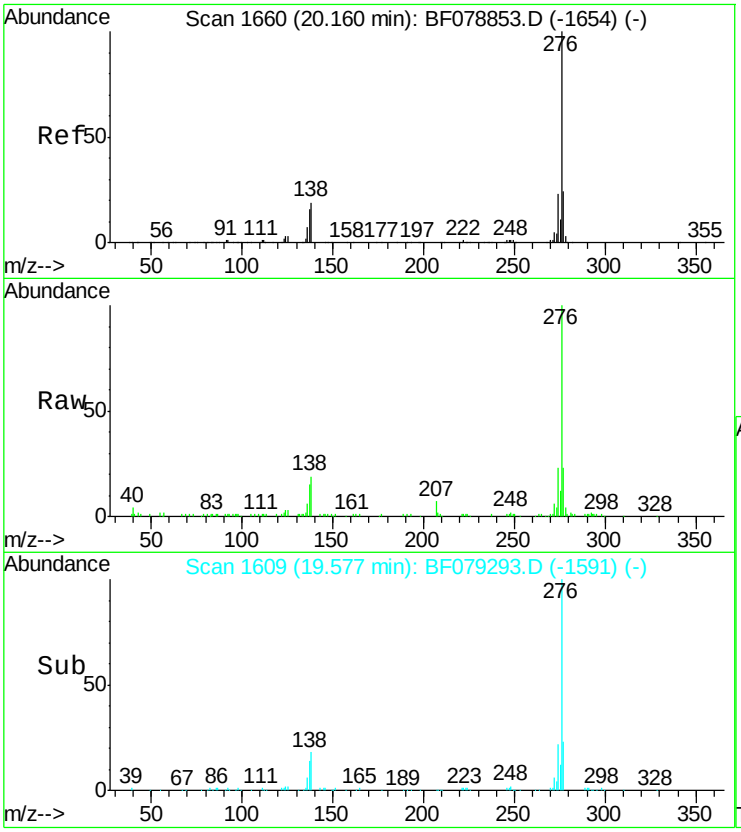


#90
Dibenzo(a,h)anthracene
Concen: 2.77 ng
RT: 19.18 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Tgt Ion:278 Resp: 32927

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.1	19.7
279	27.6	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 11.55 ng
RT: 19.58 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BF079293.D
Acq: 16 May 2015 4:50

Instrument :
BNA_F
ClientSampleId :
SB-12DL

Tgt Ion:276 Resp: 137826

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	18.8	15.2	22.8