Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079320.D
Acq On : 18 May 2015 23:10
Operator : TP/IZ
Sample : G2270-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-18

Quant Time: May 19 01:54:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 01:26:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	41979	20.00	ng		0.00
21) Naphthalene-d8	8.74	136	182487	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	89543	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	179858	20.00	ng		0.00
75) Chrysene-d12	16.05	240	192849	20.00	ng		-0.01
86) Perylene-d12	17.77	264	214106	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	133625m	54.79	ng		0.00
7) Phenol-d6	6.73	99	179503	55.69	ng		-0.01
23) Nitrobenzene-d5	7.86	82	99431	31.31	ng		0.00
41) 2,4,6-Tribromophenol	11.90	330	55191	56.97	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	226291	35.21	ng		0.00
78) Terphenyl-d14	14.75	244	284750	35.35	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.76	128	22078	2.54	ng		98
48) Acenaphthylene	10.74	152	142239	15.60	ng		98
49) Dimethylphthalate	10.59	163	16184	2.46	ng		100
54) Dibenzofuran	11.16	168	16780	2.14	ng		100
57) Fluorene	11.60	166	15360	2.38	ng		99
70) Phenanthrene	12.79	178	368493	36.62	ng		100
71) Anthracene	12.85	178	82606	8.37	ng		99
72) Carbazole	13.05	167	81680	8.68	ng		98
74) Fluoranthene	14.26	202	602950	57.51	ng		96
77) Pyrene	14.54	202	529846	47.68	ng		99
80) Benzo(a)anthracene	16.03	228	252309m	23.89	ng		
82) Chrysene	16.07	228	276706	27.24	ng		98
85) Indeno(1,2,3-cd)pyrene	19.17	276	263894	20.39	ng		96
87) Benzo(b)fluoranthene	17.33	252	422955m	36.09	ng		
88) Benzo(k)fluoranthene	17.36	252	126943m	11.19	ng		
89) Benzo(a)pyrene	17.71	252	281513	26.09	ng	#	97
90) Dibenzo(a,h)anthracene	19.18	278	52970	4.62	ng	#	87
91) Benzo(g,h,i)perylene	19.58	276	277499	24.14	ng	#	94

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

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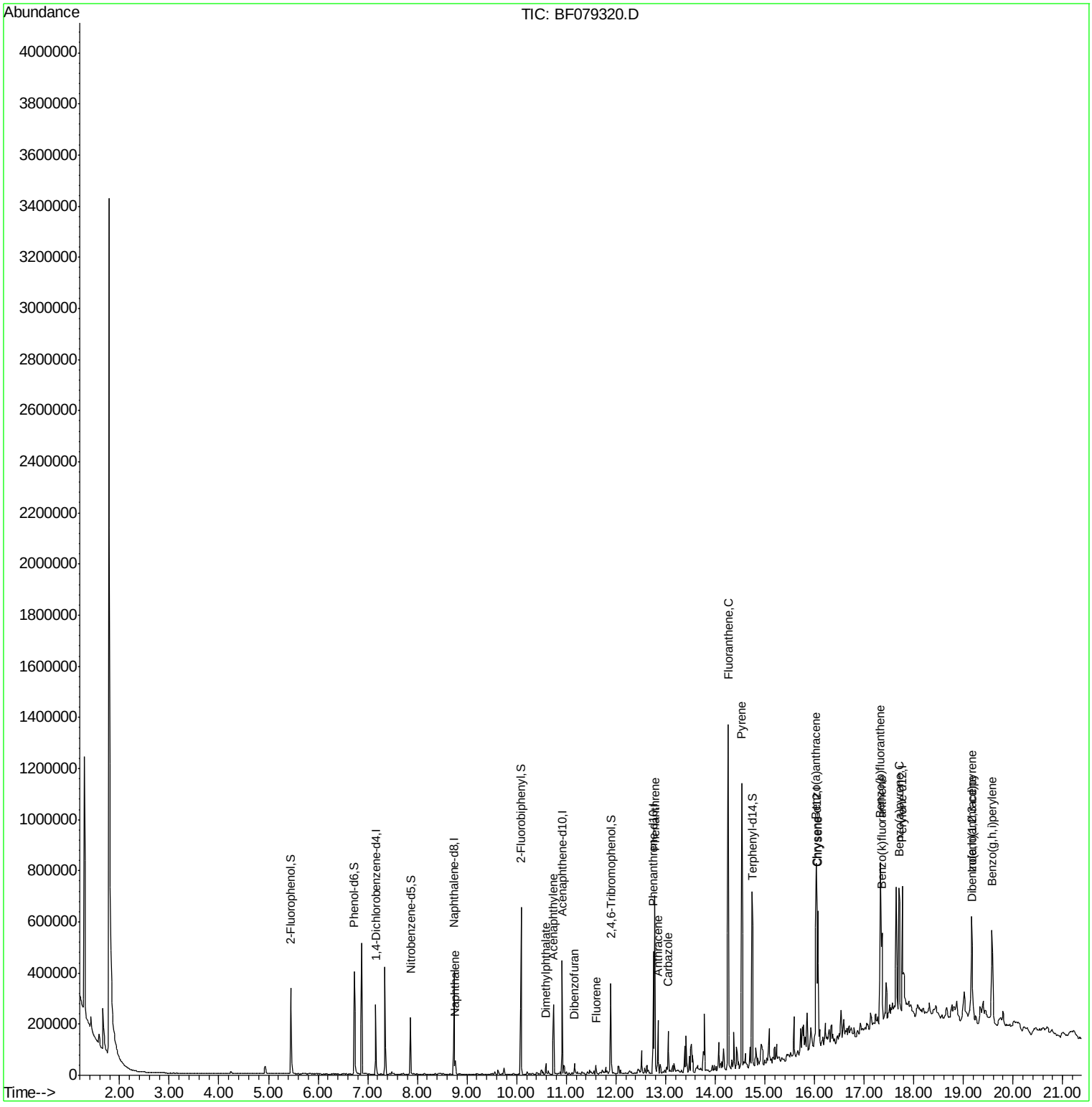
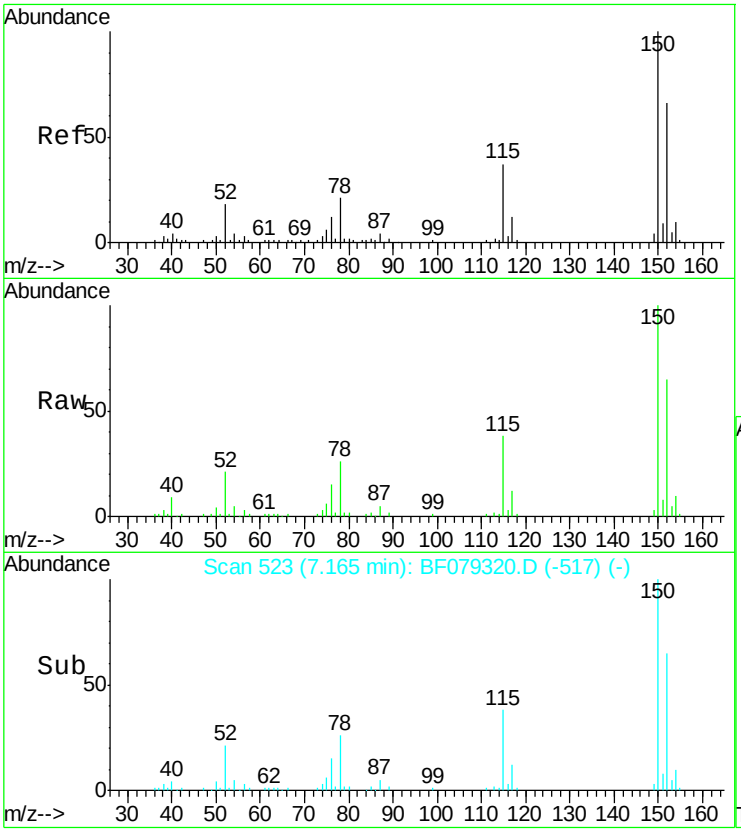


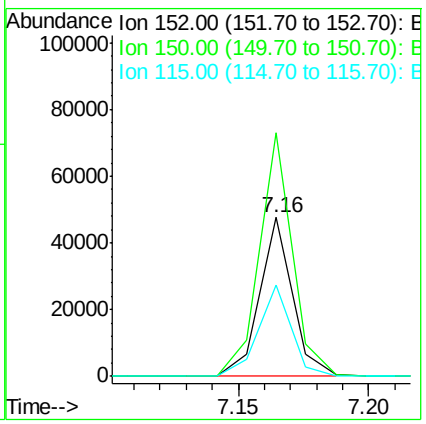


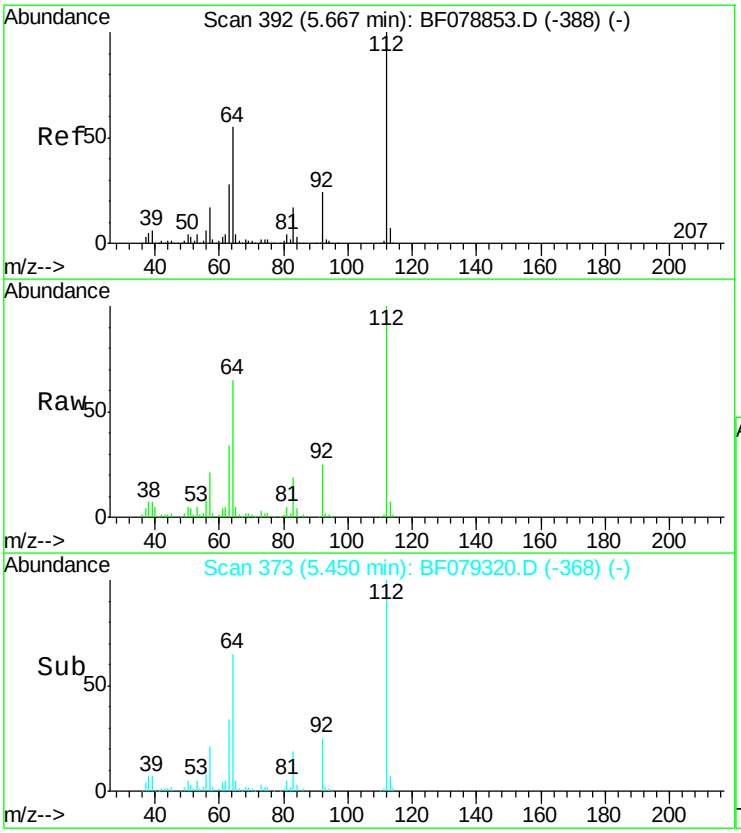
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:152 Resp: 41979

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.8
115	57.9	49.4	74.0

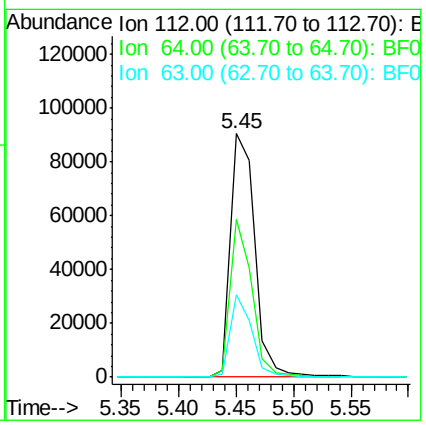


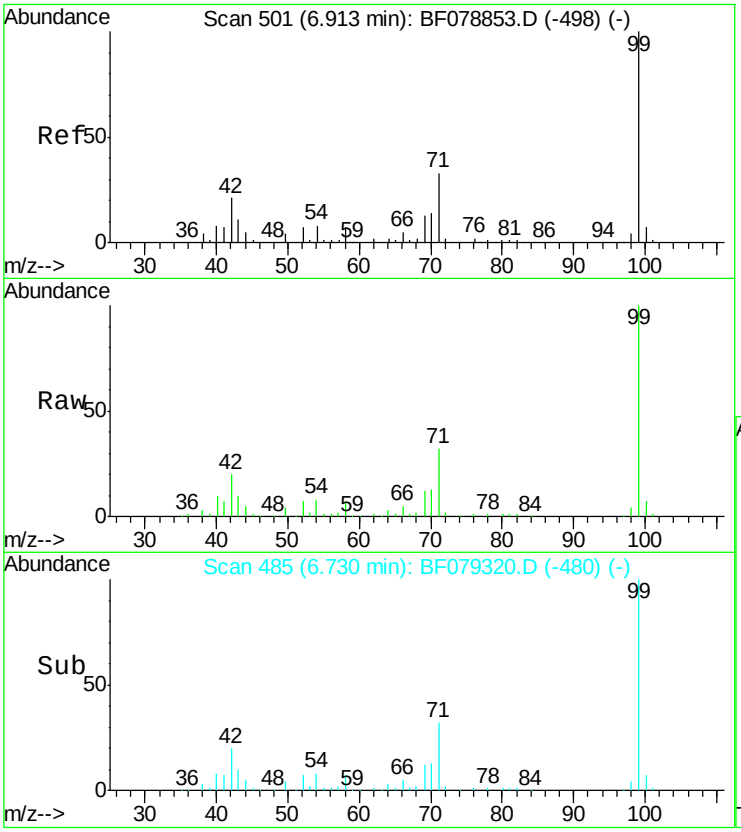


#5
2-Fluorophenol
Concen: 54.79 ng m
RT: 5.45 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:112 Resp: 133625

Ion	Ratio	Lower	Upper
112	100		
64	64.9	44.2	66.2
63	33.8	22.7	34.1



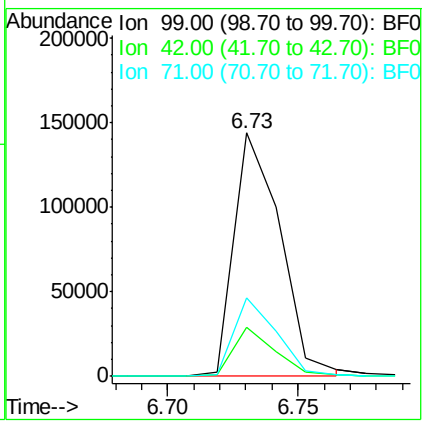


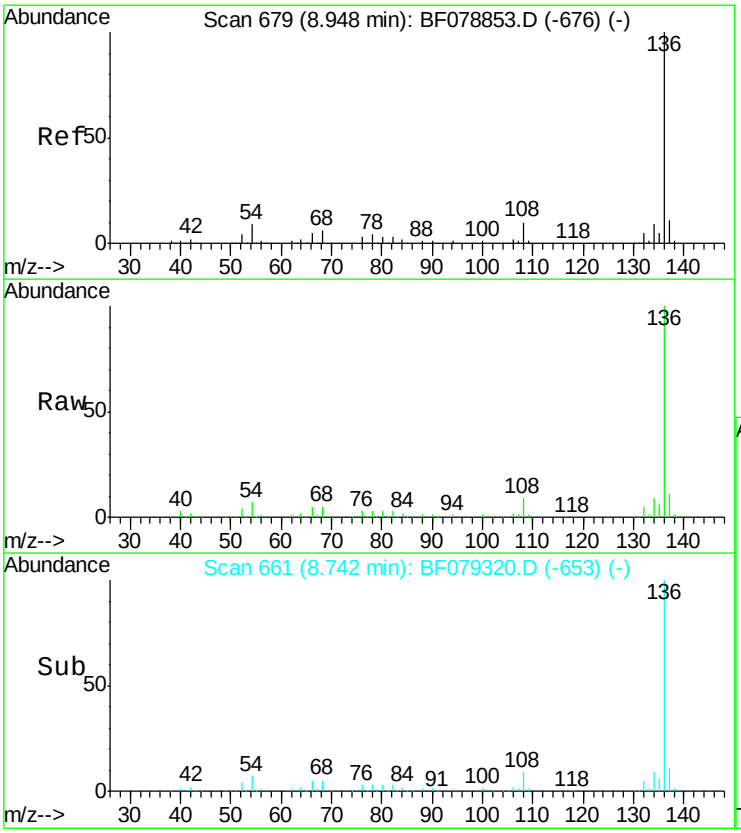
#7
Phenol-d6
Concen: 55.69 ng
RT: 6.73 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion: 99 Resp: 179503

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.1	25.7
71	32.3	26.3	39.5

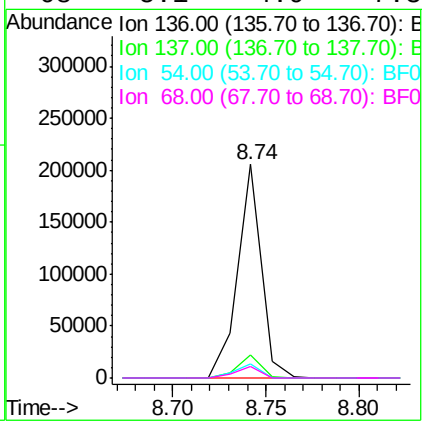


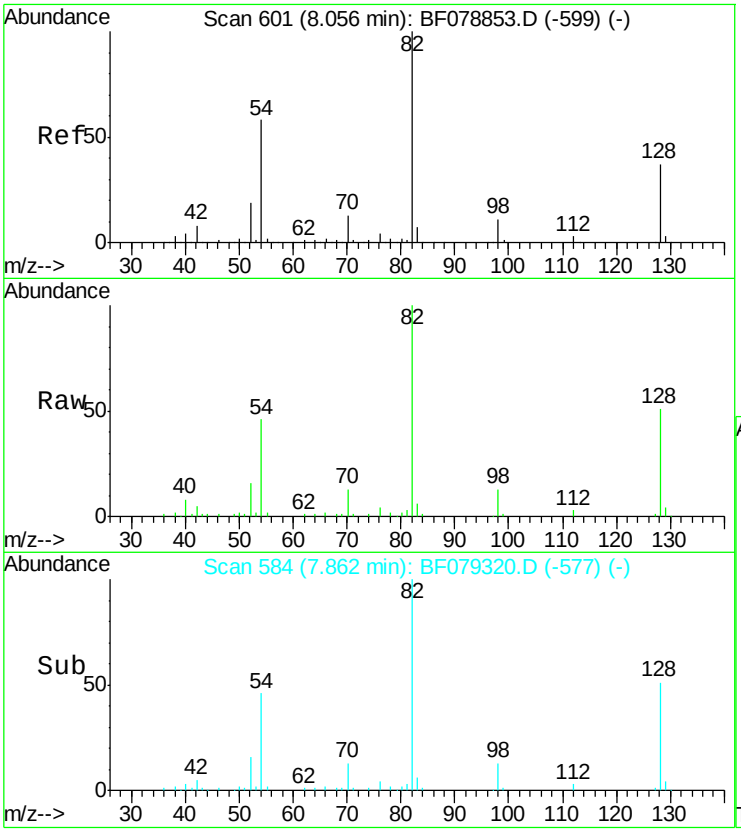


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:136 Resp: 182487

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.9	6.9	10.3#
68	5.1	4.9	7.3



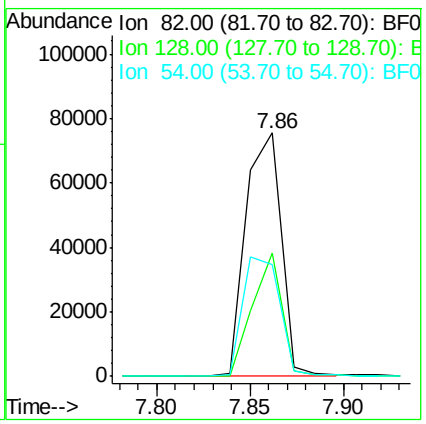


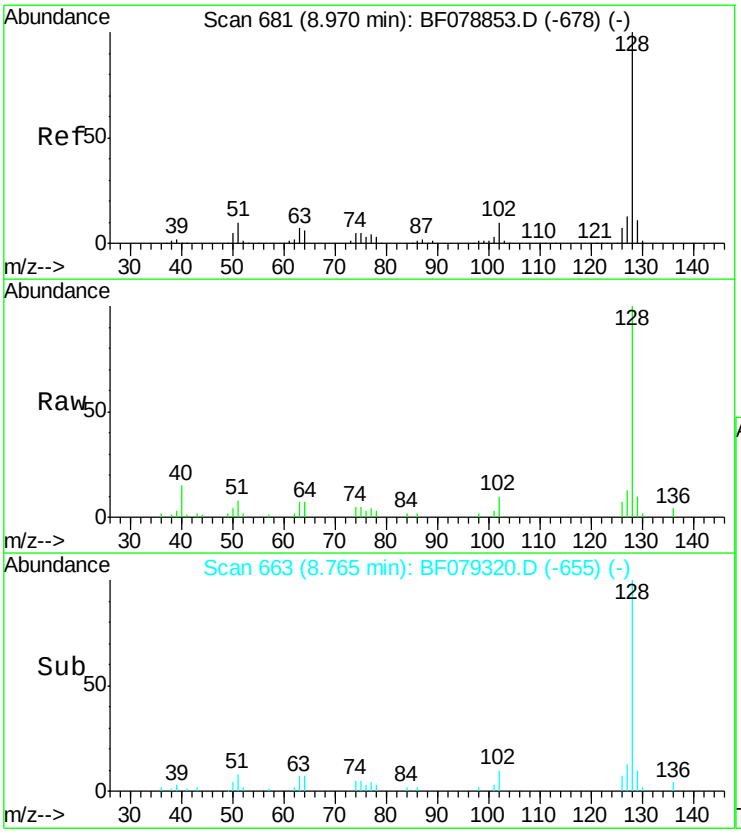
#23
Nitrobenzene-d5
Concen: 31.31 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion: 82 Resp: 99431

Ion	Ratio	Lower	Upper
82	100		
128	50.7	29.7	44.5#
54	46.1	46.2	69.4#

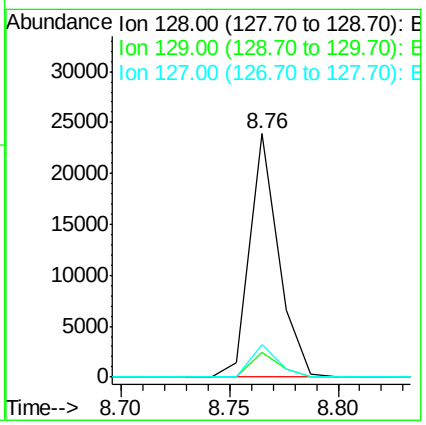


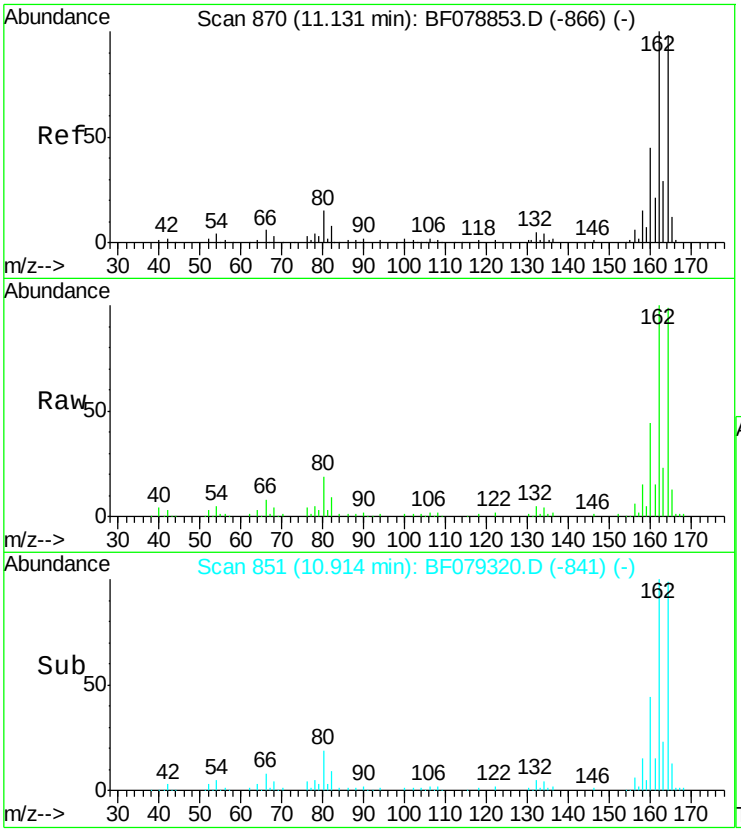


#31
Naphthalene
Concen: 2.54 ng
RT: 8.76 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:128 Resp: 22078

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.2	13.8
127	13.2	10.3	15.5



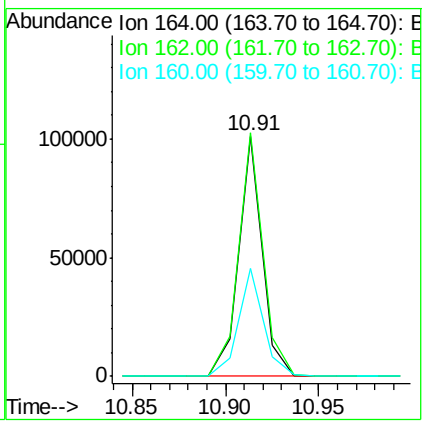


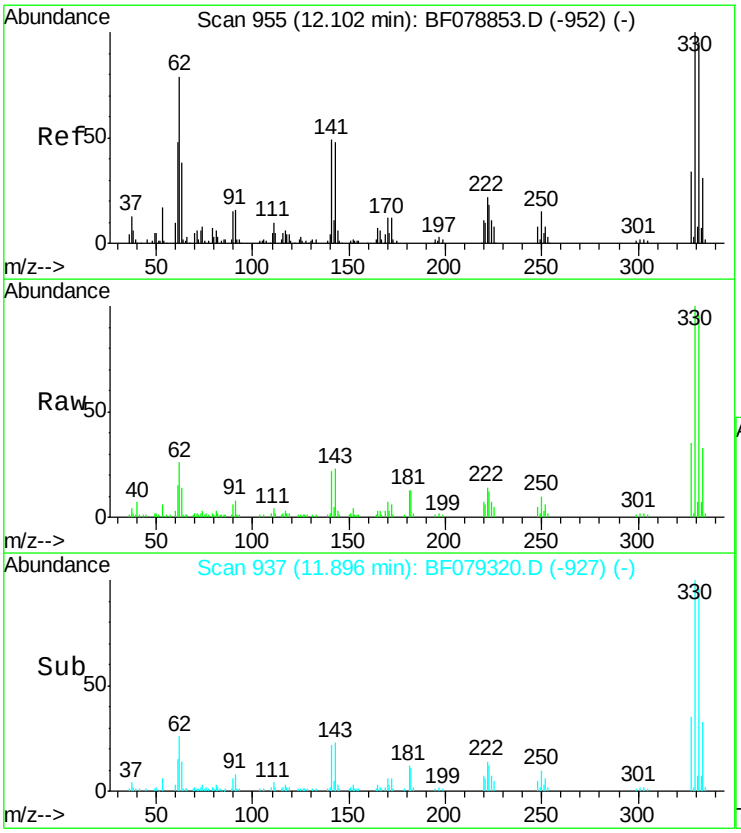
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:164 Resp: 89543

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	44.9	36.6	54.8

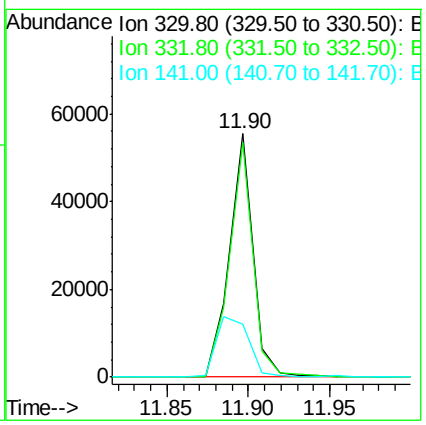


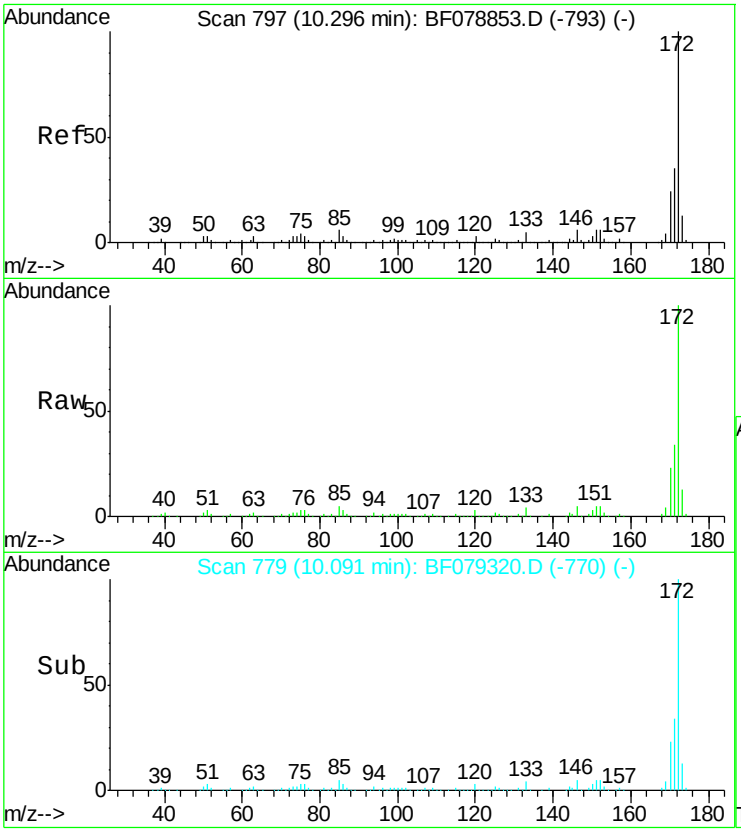


#41
2,4,6-Tribromophenol
Concen: 56.97 ng
RT: 11.90 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:330 Resp: 55191

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	34.5	27.8	41.8



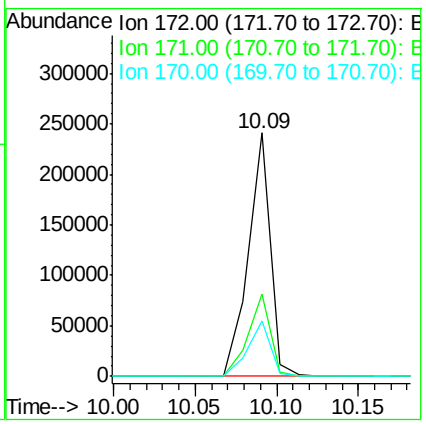


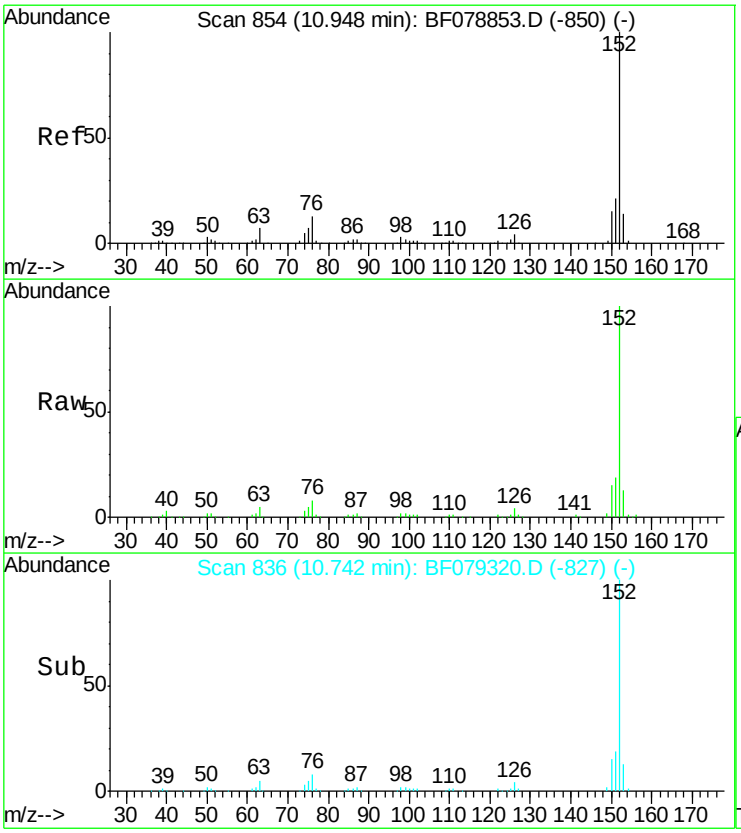
#44
2-Fluorobiphenyl
Concen: 35.21 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:172 Resp: 226291

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.3	42.5
170	22.7	19.4	29.2

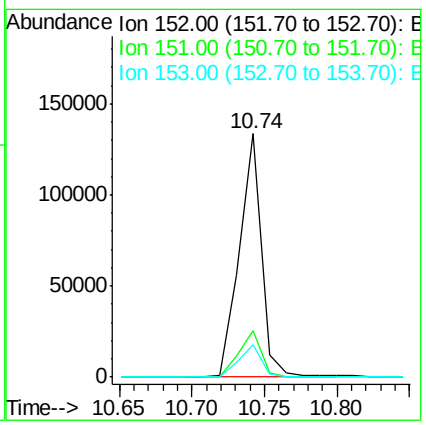


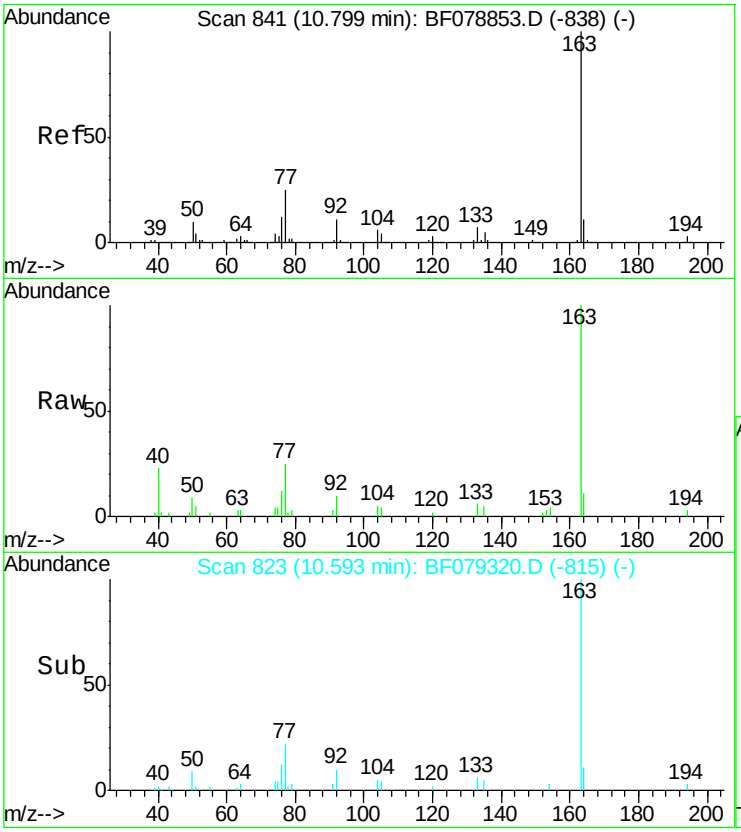


#48
Acenaphthylene
Concen: 15.60 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:152 Resp: 142239

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.6	24.8
153	13.1	11.0	16.6



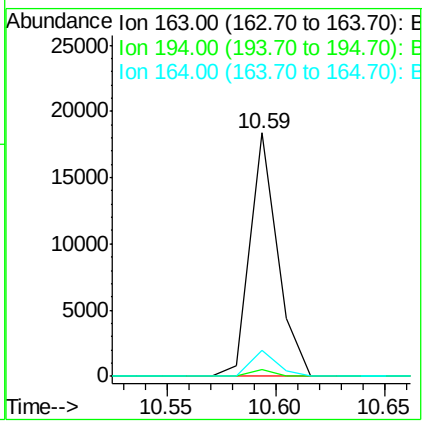


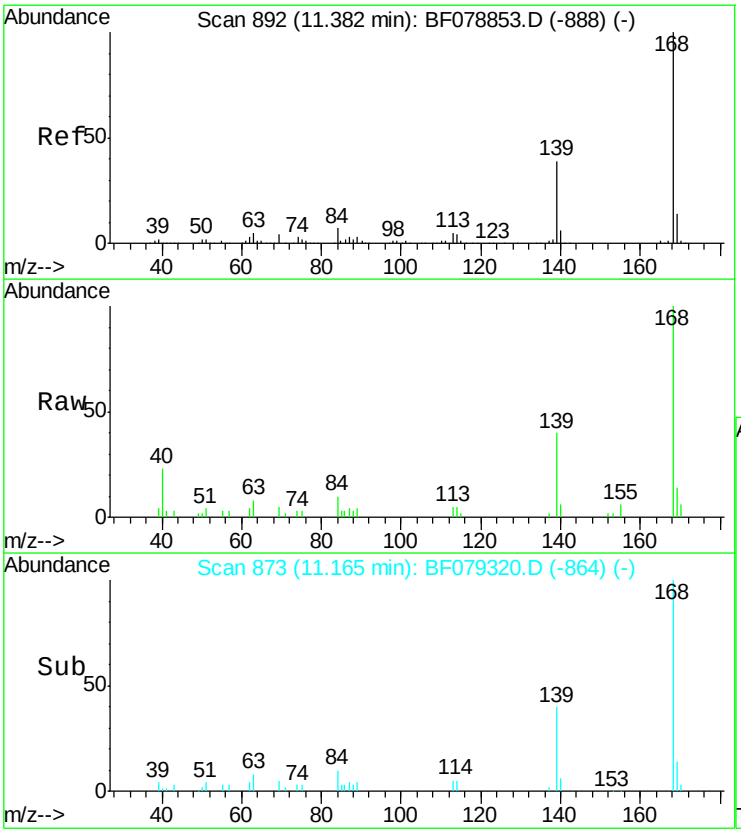
#49
Dimethylphthalate
Concen: 2.46 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:163 Resp: 16184

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.4	3.6
164	10.8	8.6	12.8

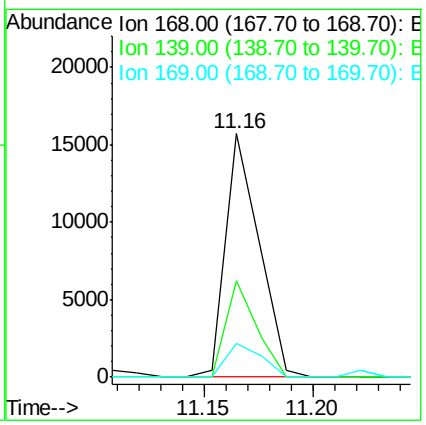


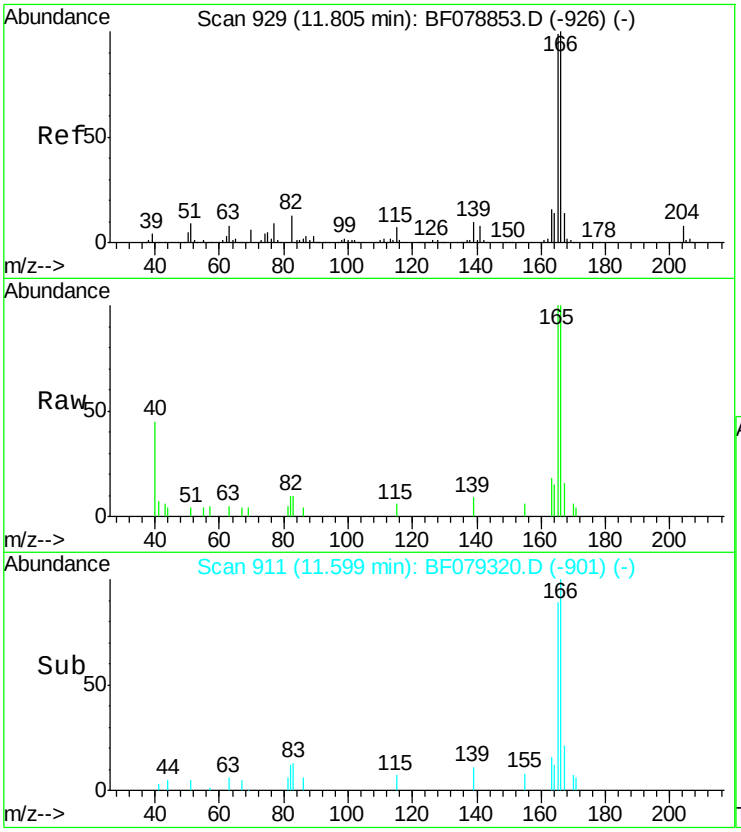


#54
Dibenzofuran
Concen: 2.14 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:168 Resp: 16780

Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.5	47.3
169	13.9	11.0	16.4



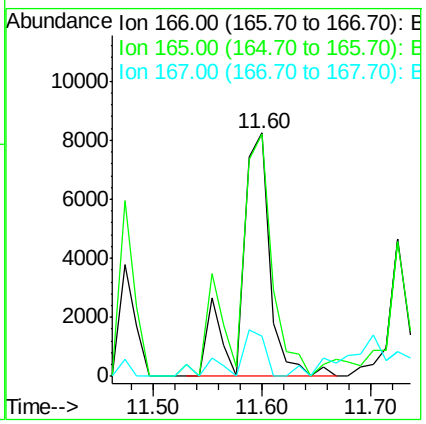


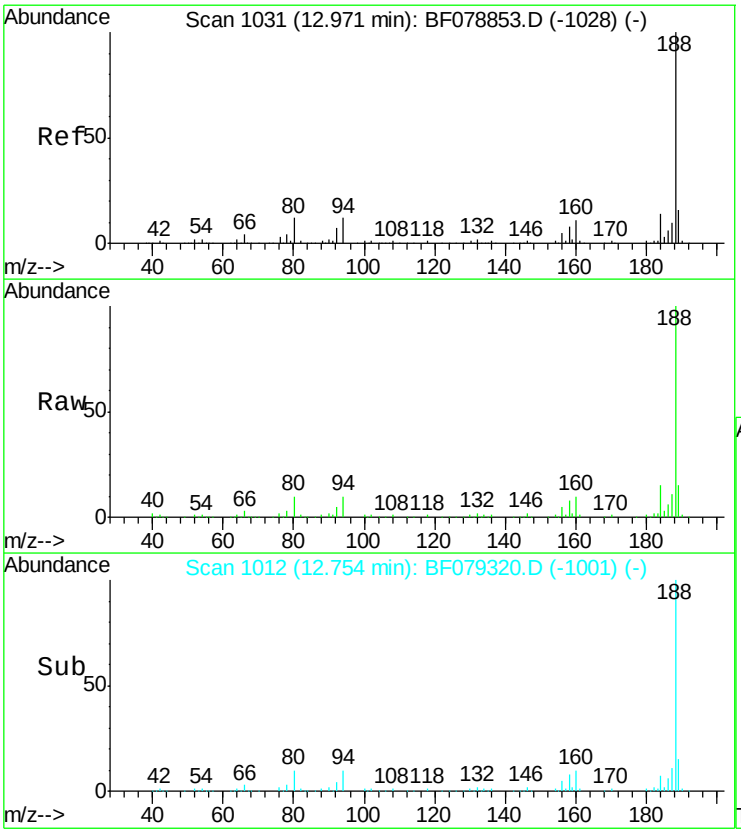
#57
Fluorene
Concen: 2.38 ng
RT: 11.60 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:166 Resp: 15360

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.5	119.3
167	16.4	11.0	16.6

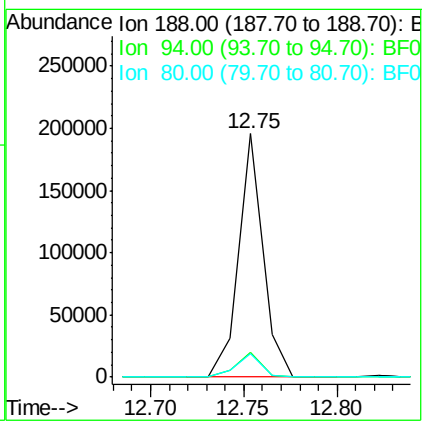


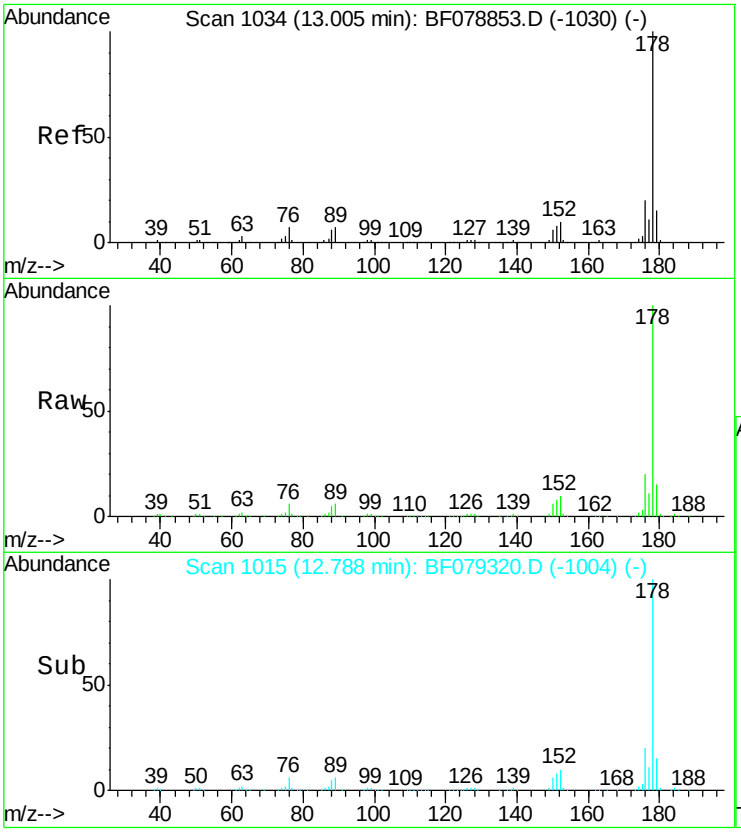


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:188 Resp: 179858

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.0
80	9.7	9.8	14.6#



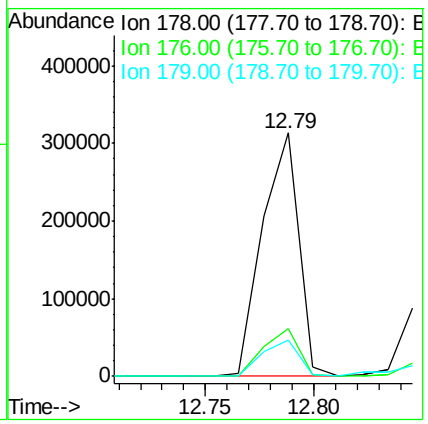


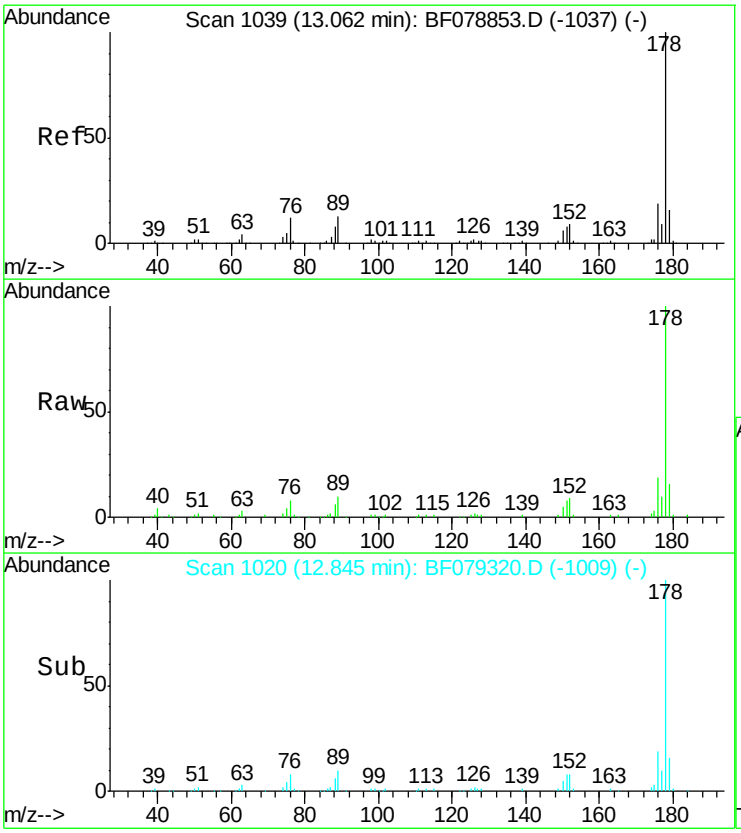
#70
Phenanthrene
Concen: 36.62 ng
RT: 12.79 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:178 Resp: 368493

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.0	12.2	18.4

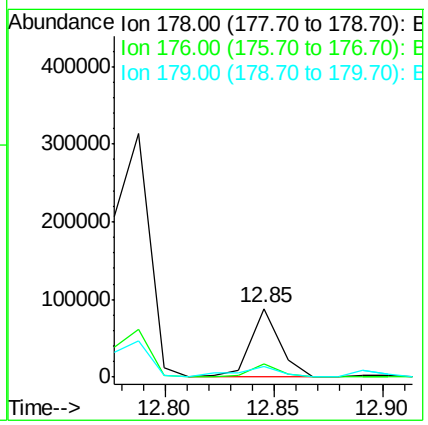


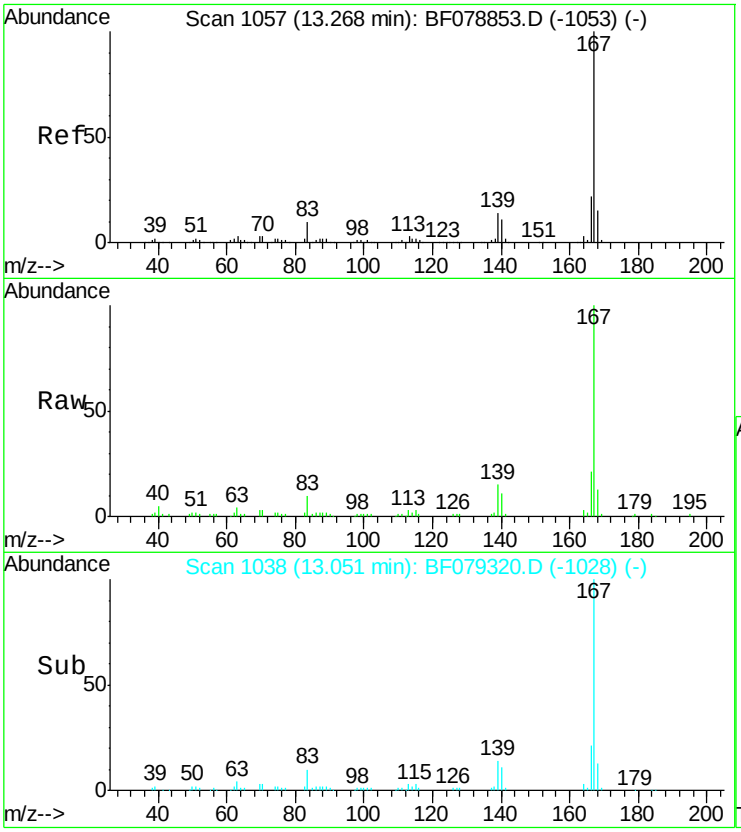


#71
Anthracene
Concen: 8.37 ng
RT: 12.85 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:178 Resp: 82606

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.5	12.6	19.0



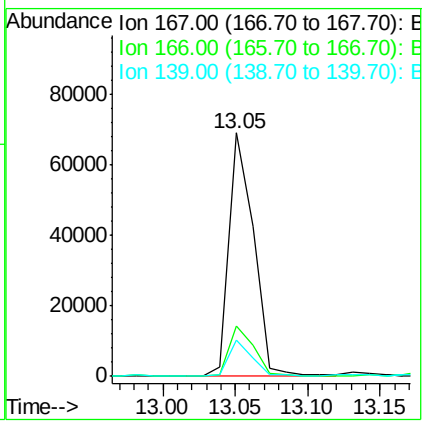


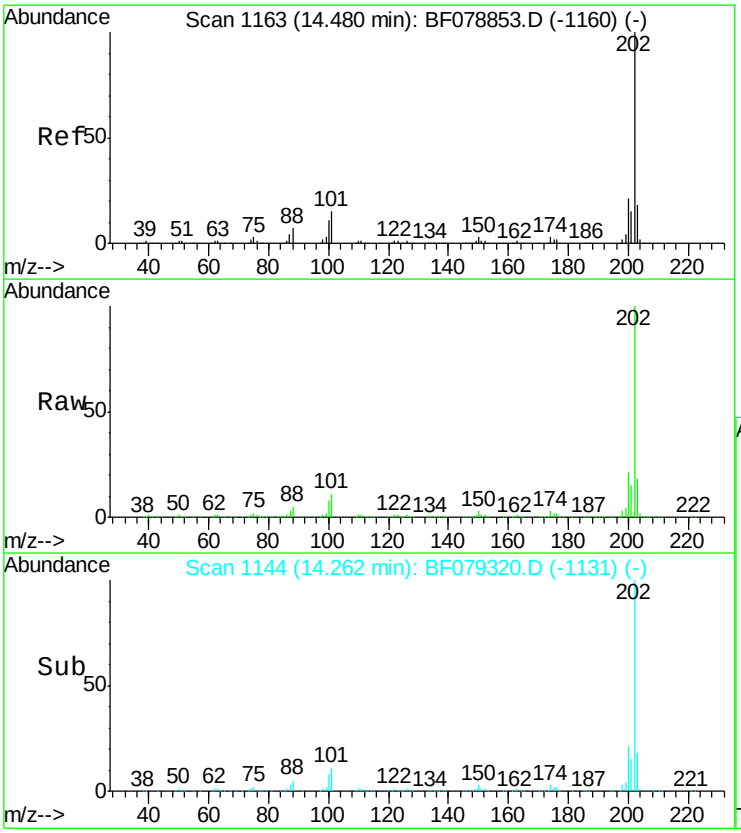
#72
Carbazole
Concen: 8.68 ng
RT: 13.05 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:167 Resp: 81680

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.5	26.3
139	14.8	11.0	16.4

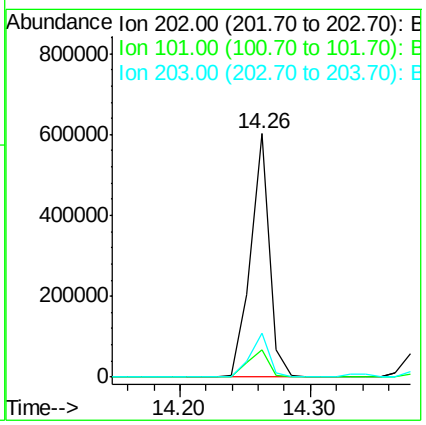


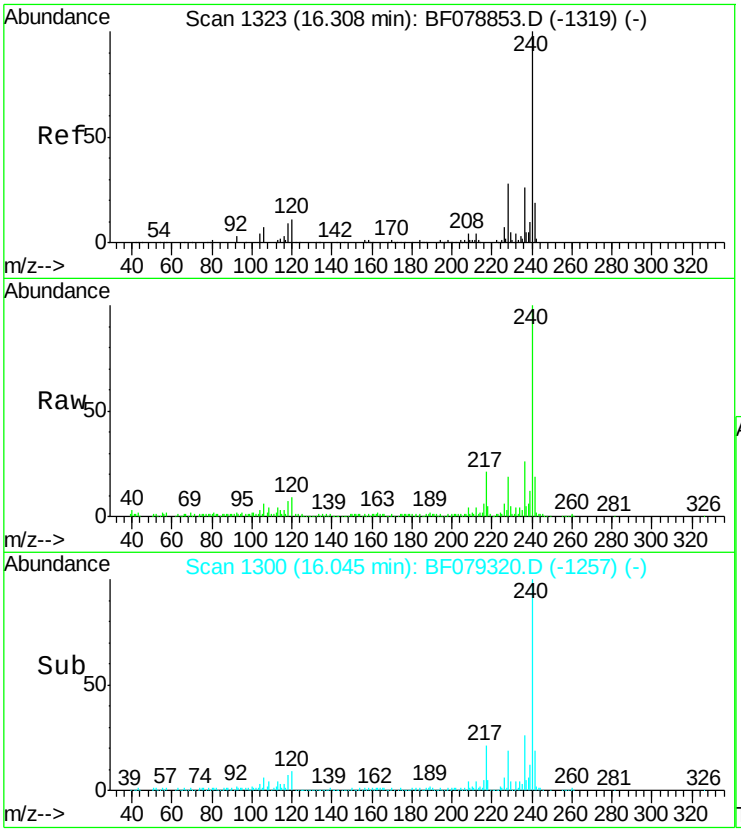


#74
Fluoranthene
Concen: 57.51 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:202 Resp: 602950

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.7
203	18.1	0.0	37.9



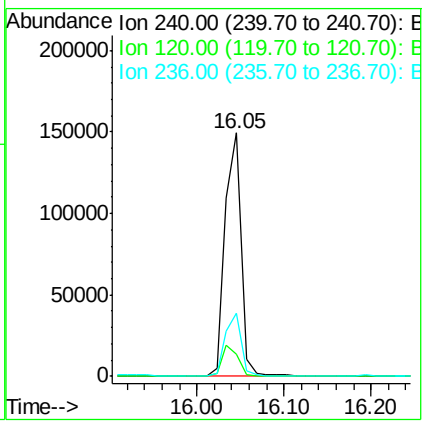


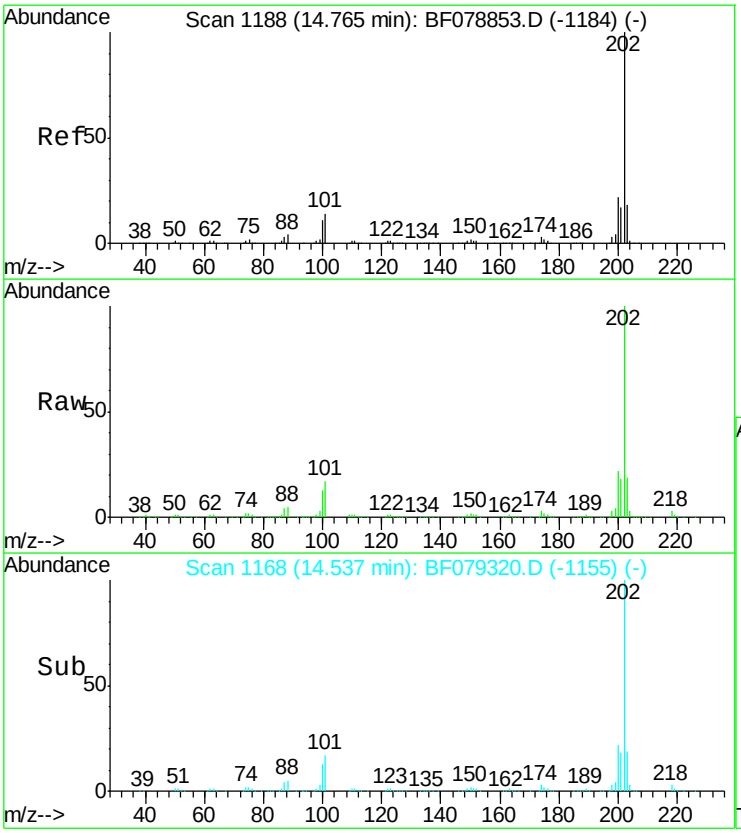
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:240 Resp: 192849

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.6	12.8
236	25.9	21.0	31.6

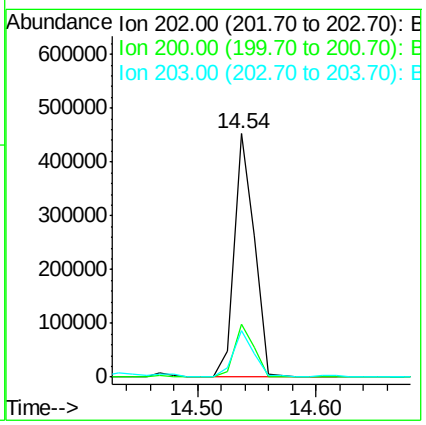


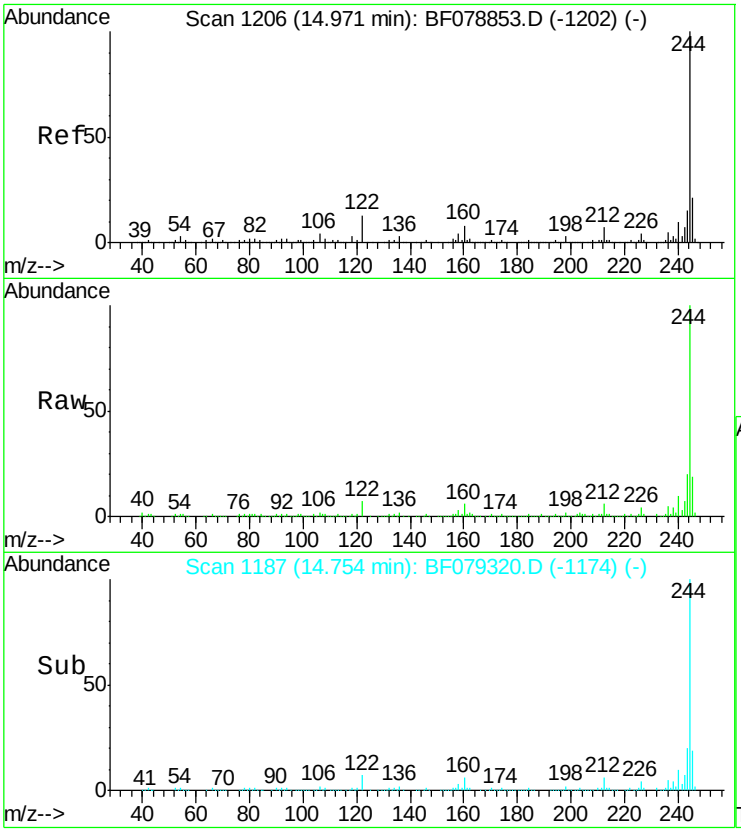


#77
Pyrene
Concen: 47.68 ng
RT: 14.54 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:202 Resp: 529846

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	18.9	14.7	22.1



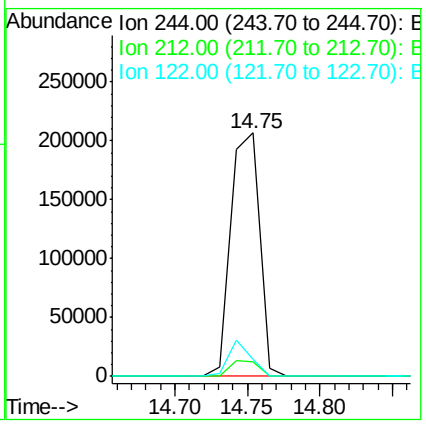


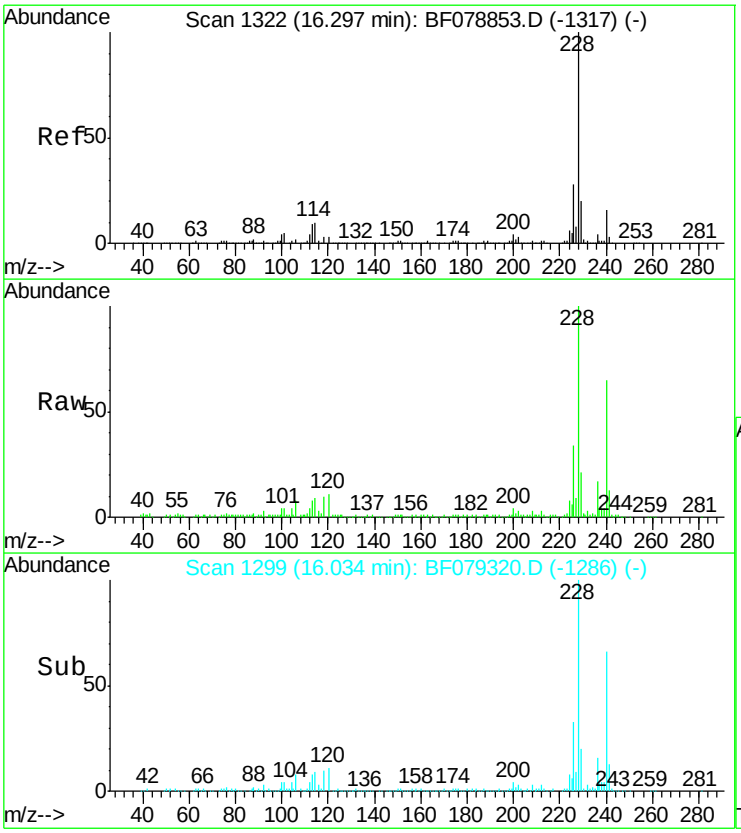
#78
Terphenyl-d14
Concen: 35.35 ng
RT: 14.75 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:244 Resp: 284750

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	7.2	10.5	15.7#

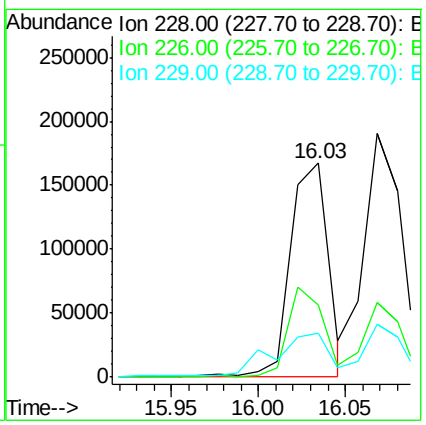


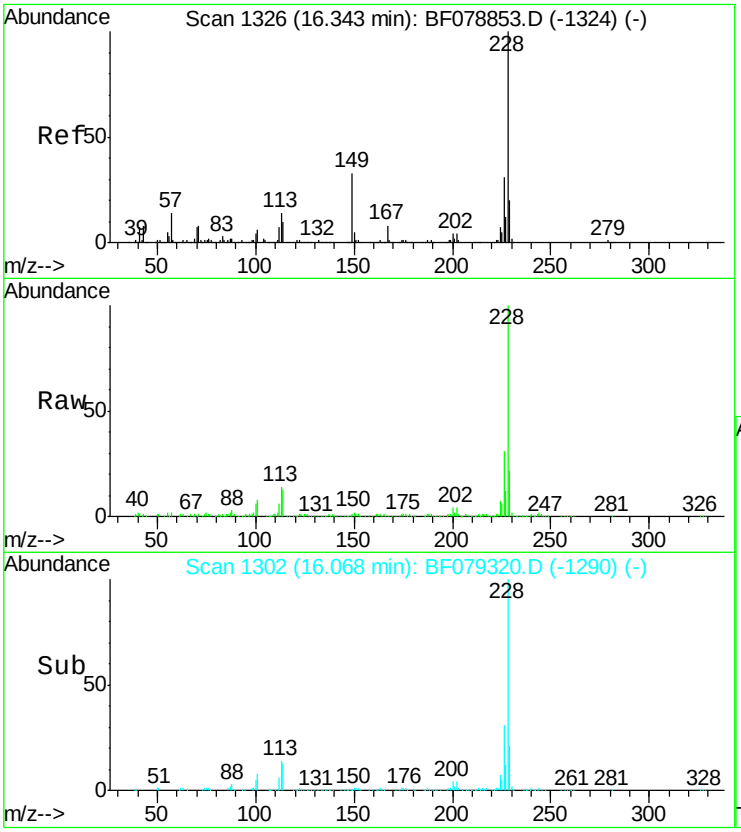


#80
Benzo(a)anthracene
Concen: 23.89 ng m
RT: 16.03 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:228 Resp: 252309

Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.3	33.5#
229	20.5	16.1	24.1



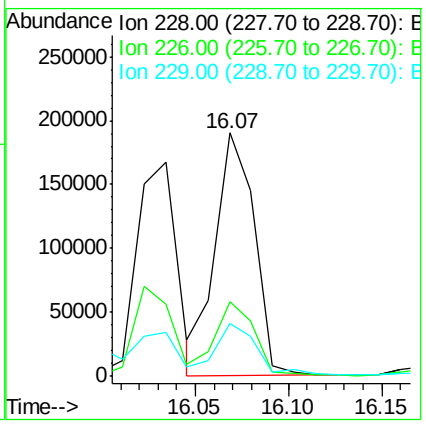


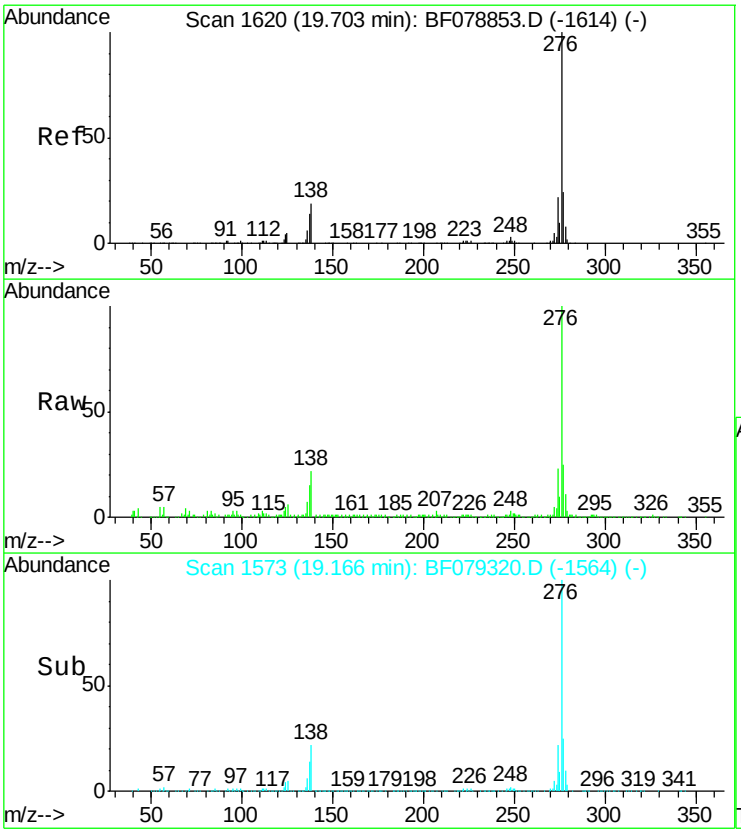
#82
Chrysene
Concen: 27.24 ng
RT: 16.07 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:228 Resp: 276706

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	21.7	16.1	24.1

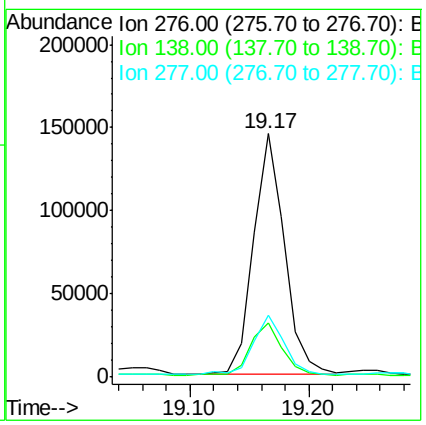


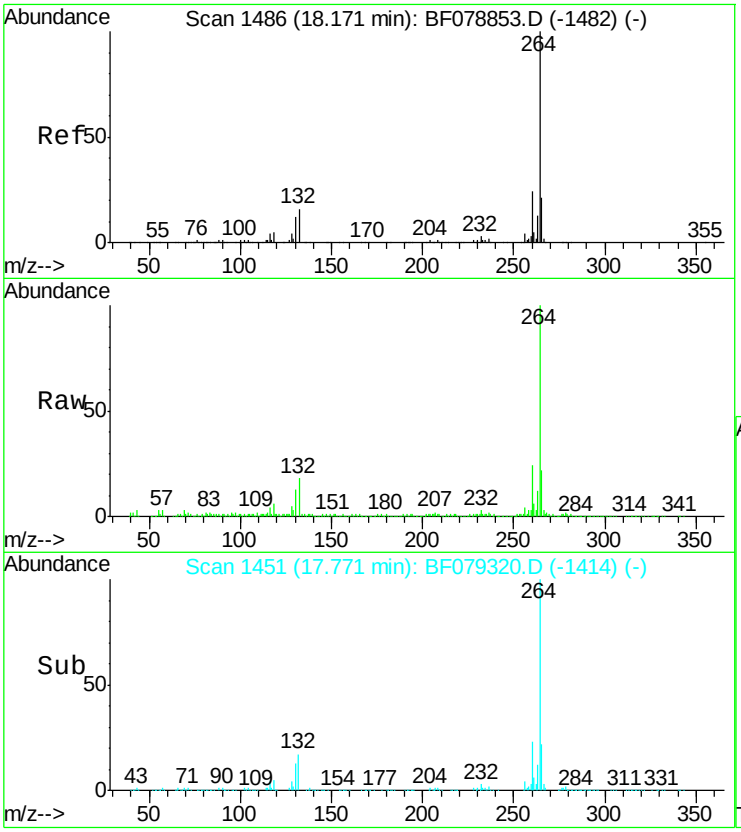


#85
Indeno(1,2,3-cd)pyrene
Concen: 20.39 ng
RT: 19.17 min Scan# 1573
Delta R.T. -0.10 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:276 Resp: 263894

Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.1	31.7
277	24.7	19.9	29.9



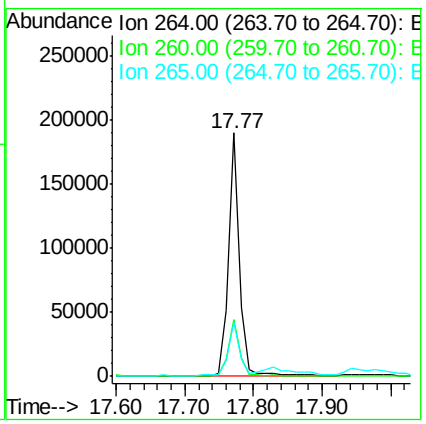


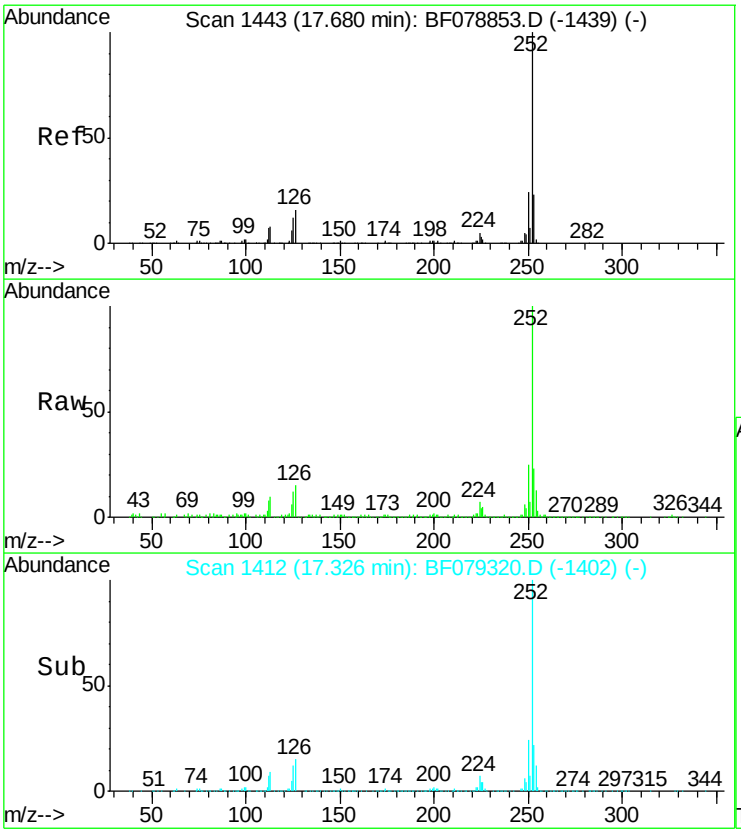
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.08 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:264 Resp: 214106

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.4	17.2	25.8

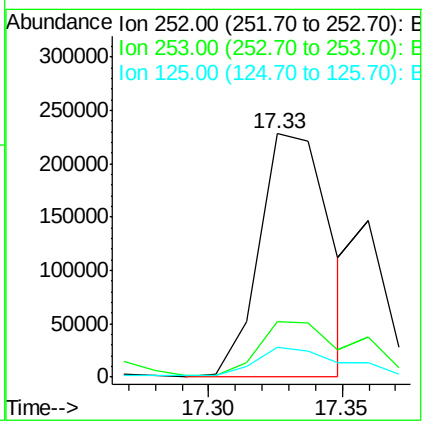


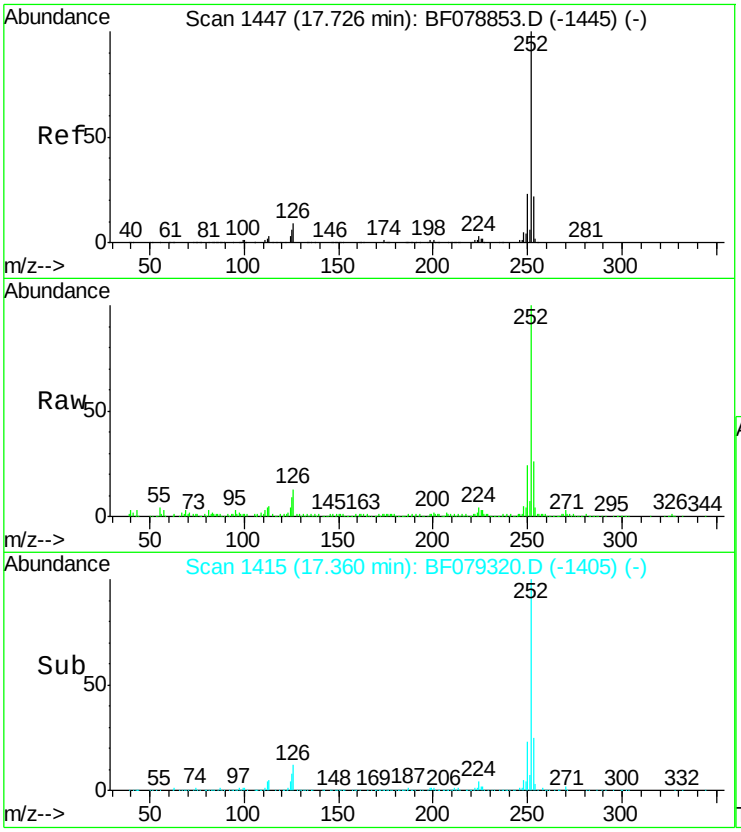


#87
Benzo(b)fluoranthene
Concen: 36.09 ng m
RT: 17.33 min Scan# 1412
Delta R.T. -0.07 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:252 Resp: 422955

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.1	9.4	14.2



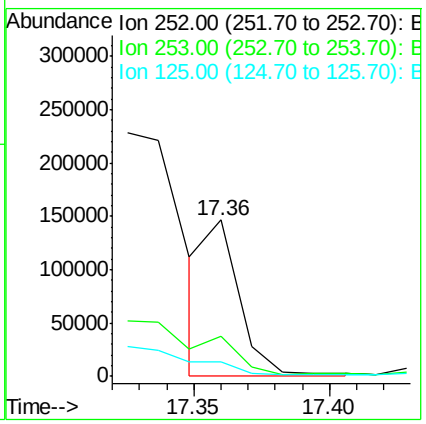


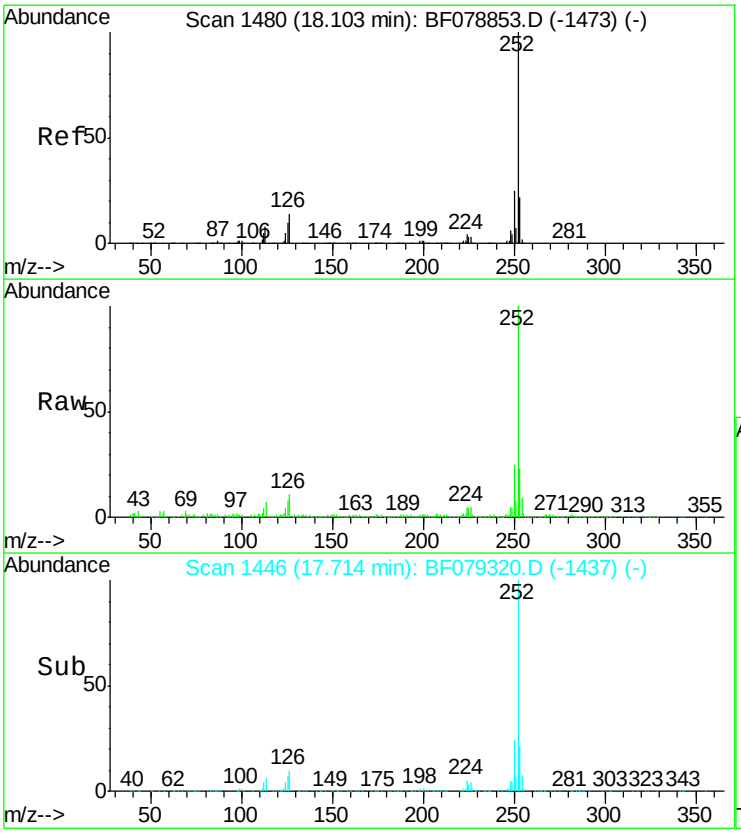
#88
Benzo(k)fluoranthene
Concen: 11.19 ng m
RT: 17.36 min Scan# 1415
Delta R.T. -0.07 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:252 Resp: 126943

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.0
125	9.3	6.1	9.1#

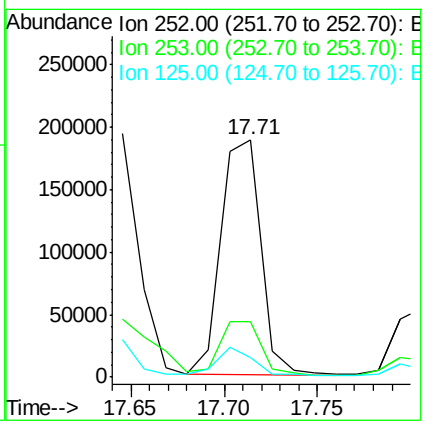


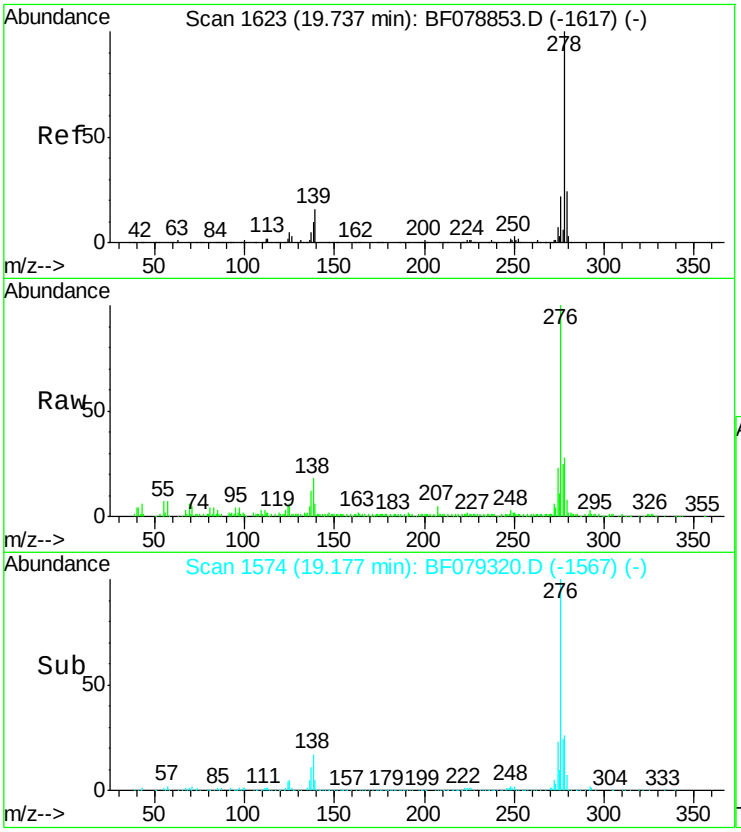


#89
Benzo(a)pyrene
Concen: 26.09 ng
RT: 17.71 min Scan# 1446
Delta R.T. -0.08 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:252 Resp: 281513

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	8.1	8.2	12.2#



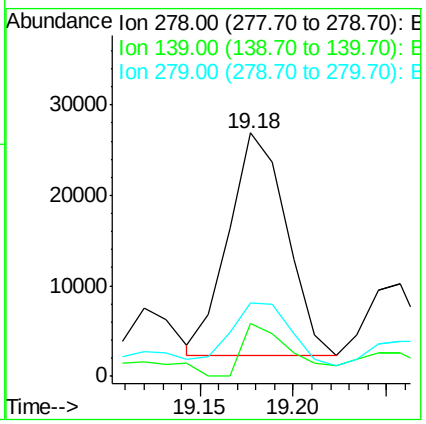


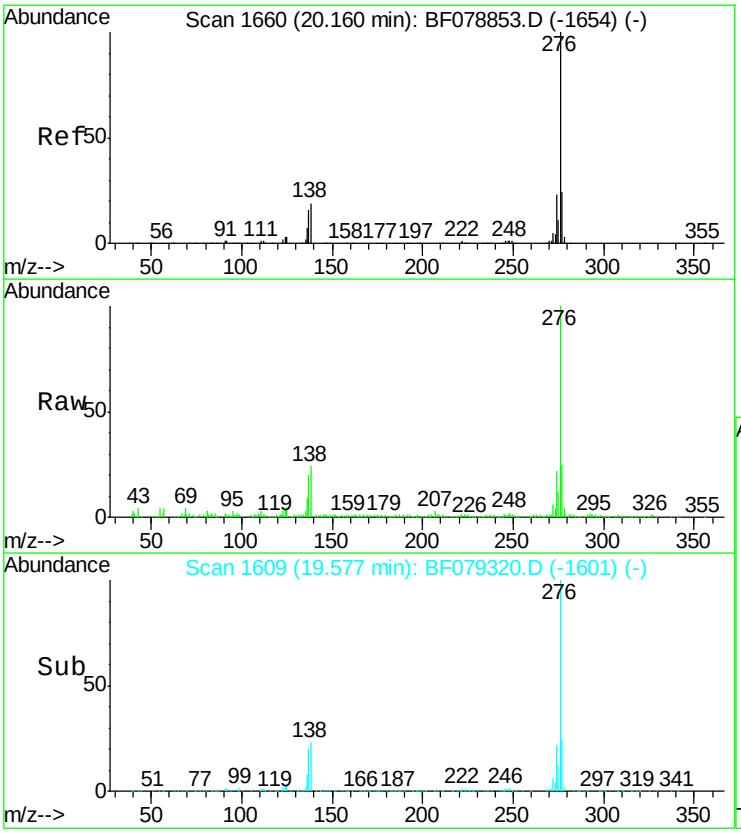
#90
Dibenzo(a,h)anthracene
Concen: 4.62 ng
RT: 19.18 min Scan# 1574
Delta R.T. -0.13 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Instrument :
BNA_F
ClientSampleId :
SB-18

Tgt Ion:278 Resp: 52970

Ion	Ratio	Lower	Upper
278	100		
139	21.9	13.1	19.7#
279	30.3	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 24.14 ng
RT: 19.58 min Scan# 1609
Delta R.T. -0.11 min
Lab File: BF079320.D
Acq: 18 May 2015 23:10

Tgt Ion:276 Resp: 277499

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	23.6	15.2	22.8#