Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079324.D
Acq On : 19 May 2015 1:05
Operator : TP/IZ
Sample : G2270-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

Quant Time: May 19 02:05:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 01:57:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng		-7.22
21) Naphthalene-d8	8.74	136	174724	20.00	ng		-0.06
38) Acenaphthene-d10	10.91	164	88315	20.00	ng		-0.06
63) Phenanthrene-d10	12.75	188	172820	20.00	ng		-0.07
75) Chrysene-d12	16.55	240	6672	20.00	ng		0.05
86) Perylene-d12	18.93	264	984	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	7.86	82	145597	47.89	ng		-0.06
41) 2,4,6-Tribromophenol	11.90	330	86377	90.41	ng		-0.06
44) 2-Fluorobiphenyl	10.09	172	336239	53.04	ng		-0.06
78) Terphenyl-d14	15.01	244	211	0.76	ng		0.08
Target Compounds							Qvalue
31) Naphthalene	8.76	128	20328	2.44	ng		98
48) Acenaphthylene	10.74	152	33543	3.73	ng		99
49) Dimethylphthalate	10.59	163	30471	4.70	ng		100
57) Fluorene	11.60	166	19787	3.11	ng		96
70) Phenanthrene	12.79	178	195125	20.18	ng		99
71) Anthracene	12.86	178	69850	7.36	ng		99
74) Fluoranthene	14.26	202	298535	29.63	ng		98
77) Pyrene	14.75	202	5723	14.89	ng	#	1
79) Butylbenzylphthalate	15.71	149	878	5.22	ng	#	63
80) Benzo(a)anthracene	16.55	228	1070	2.93	ng	#	1
81) 3,3'-Dichlorobenzidine	16.54	252	436	3.35	ng	#	62
82) Chrysene	16.64	228	891	2.54	ng	#	1
84) Di-n-octyl phthalate	17.75	149	2360	5.26	ng	#	1
87) Benzo(b)fluoranthene	18.38	252	1160	21.54	ng	#	1
88) Benzo(k)fluoranthene	18.38	252	1178	22.59	ng	#	1
89) Benzo(a)pyrene	18.80	252	1253	25.27	ng	#	1
90) Dibenzo(a,h)anthracene	20.69	278	660	12.52	ng	#	1
91) Benzo(g,h,i)perylene	21.17	276	824	15.60	ng	#	1

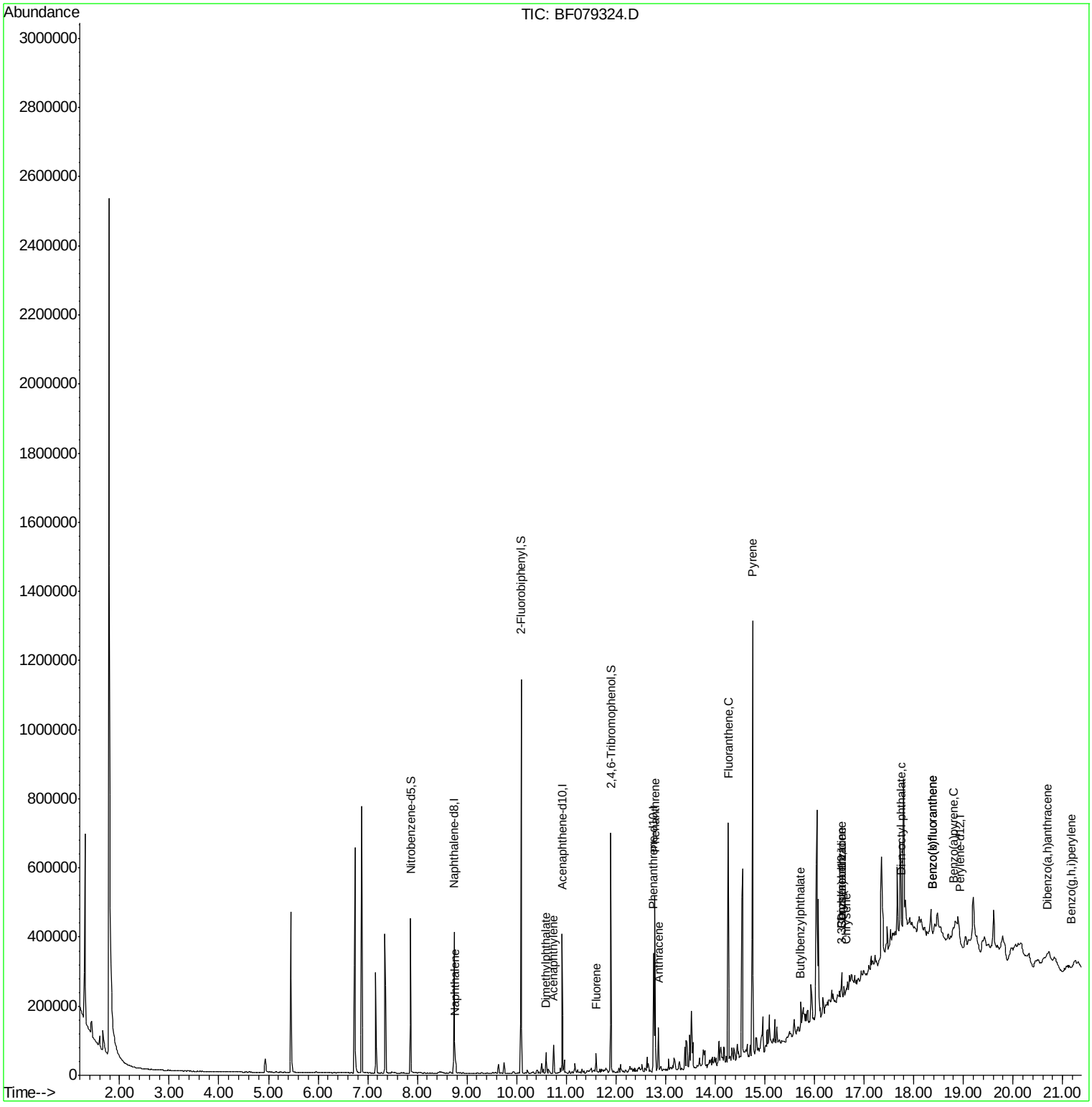
(#) = qualifier out of range (m) = manual integration (+) = signals summed

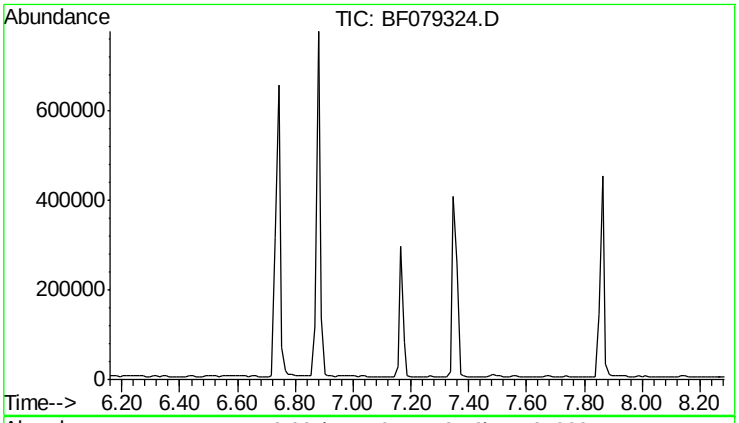
Quantitation Report (Not Reviewed)

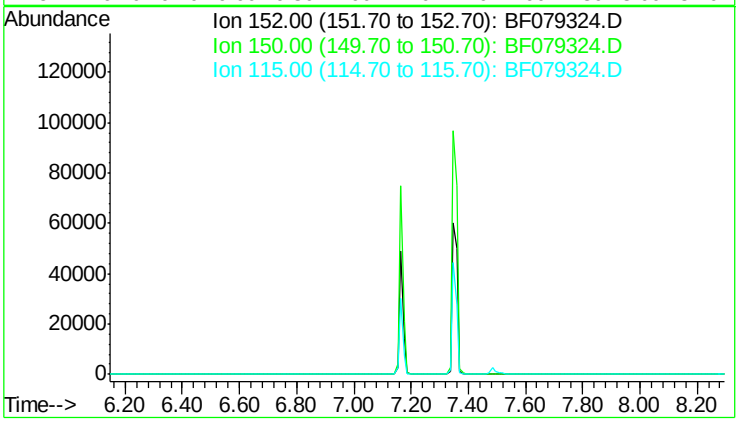
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079324.D
Acq On : 19 May 2015 1:05
Operator : TP/IZ
Sample : G2270-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08

Quant Time: May 19 02:05:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 01:57:52 2015
Response via : Initial Calibration







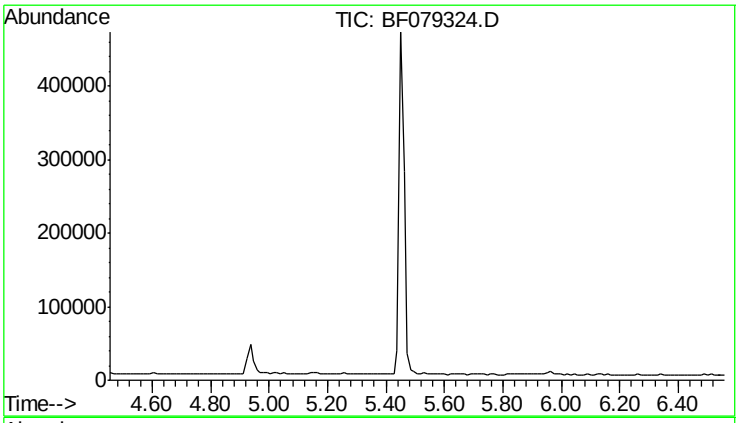
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 7.22 min

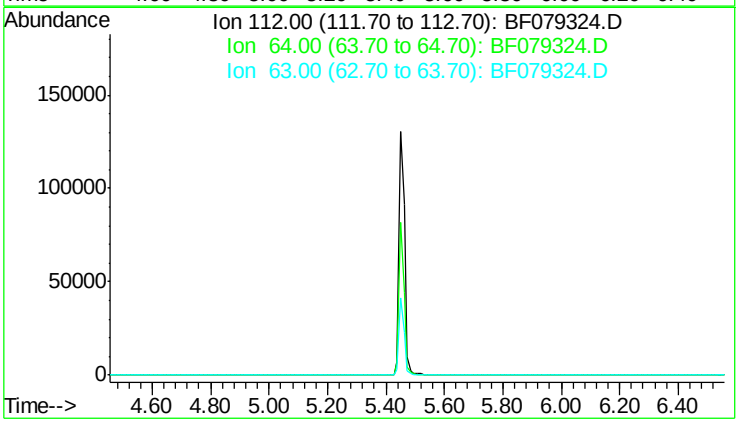
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	154.8
115	61.7

Instrument :
BNA_F
ClientSampleId :
SB-08



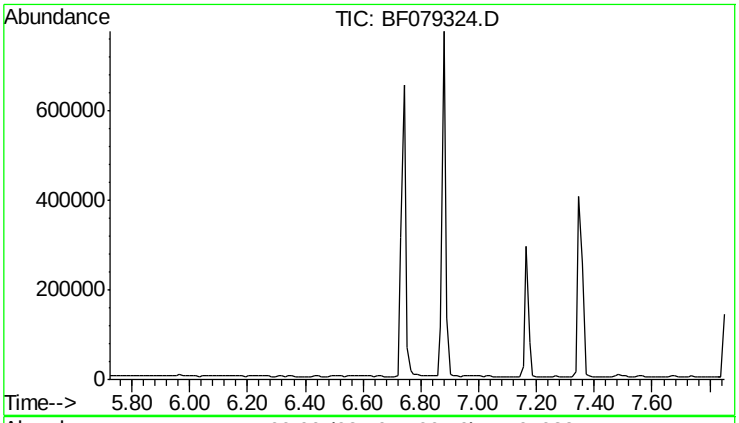


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.51 min

Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4



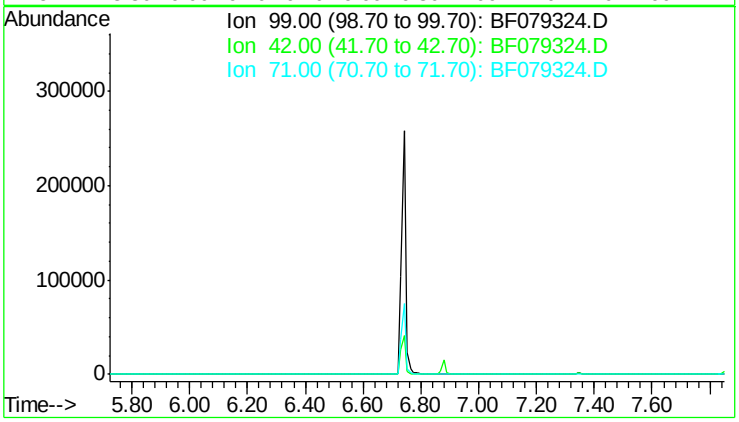
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.79 min

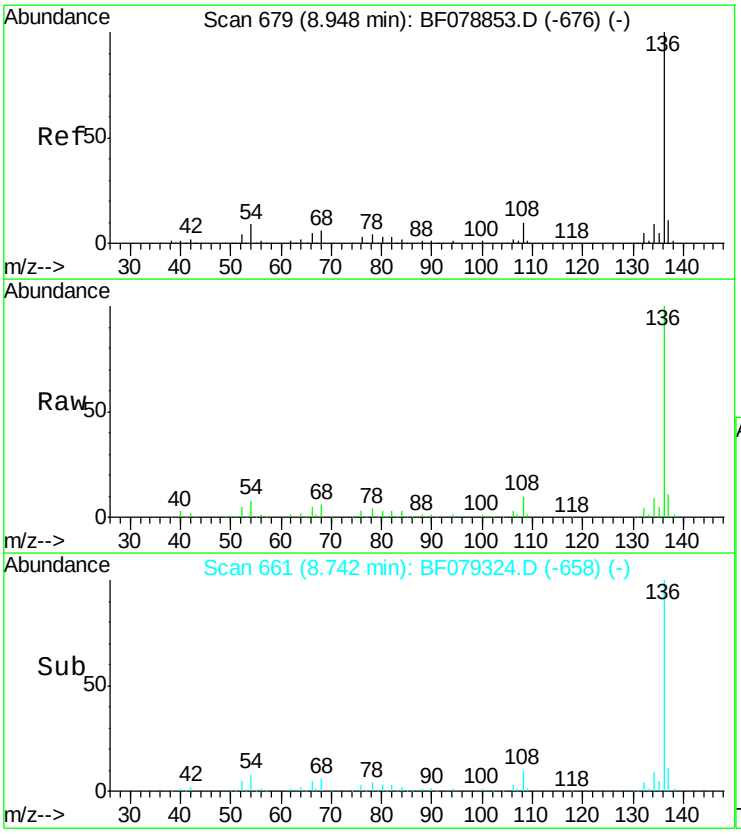
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

Instrument :
BNA_F
ClientSampleId :
SB-08

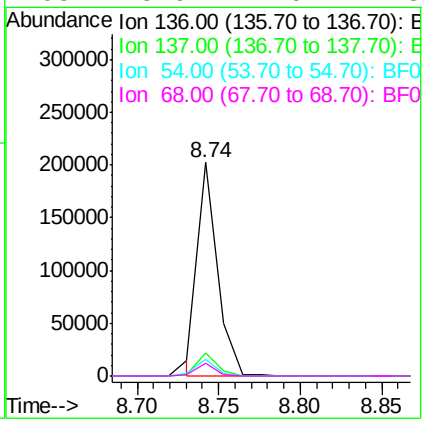


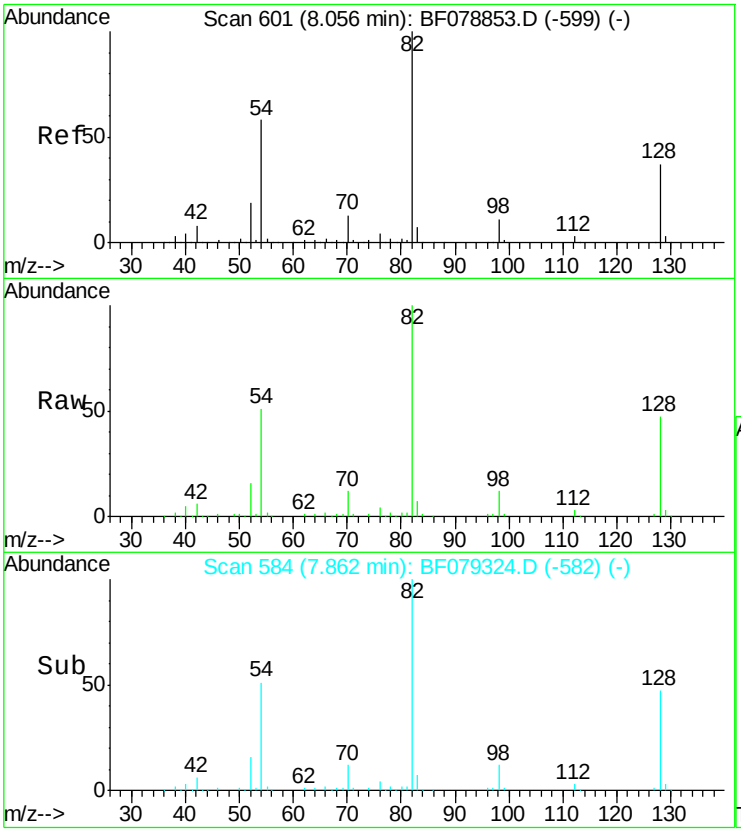


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.06 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:136 Resp: 174724

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	6.9	10.3
68	5.9	4.9	7.3



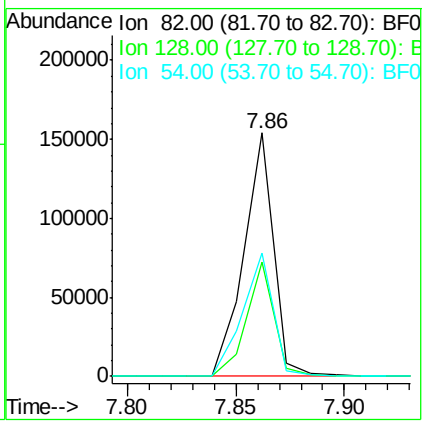


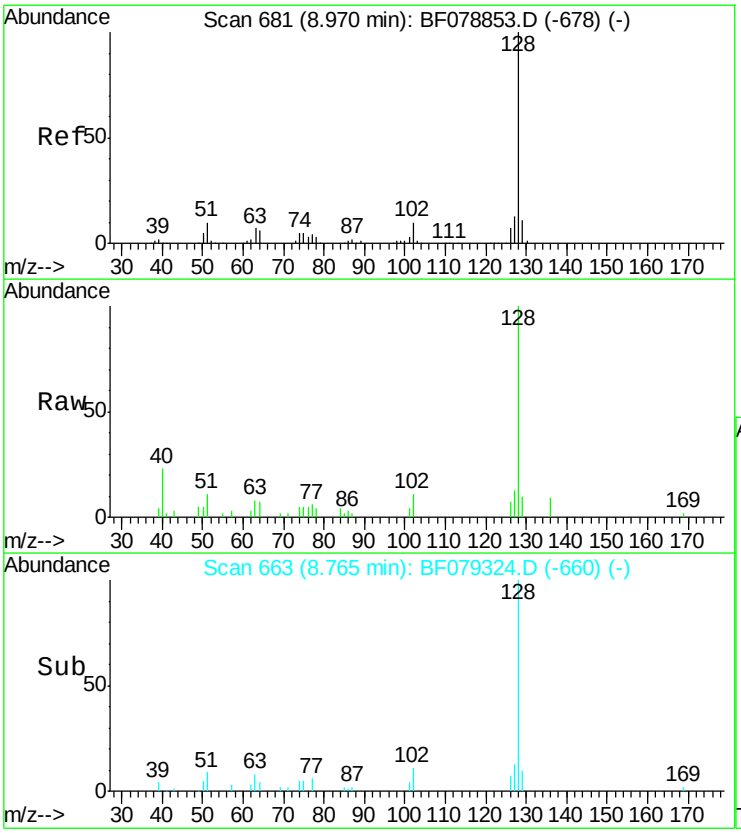
#23
Nitrobenzene-d5
Concen: 47.89 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.06 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion: 82 Resp: 145597

Ion	Ratio	Lower	Upper
82	100		
128	47.2	29.7	44.5#
54	50.5	46.2	69.4

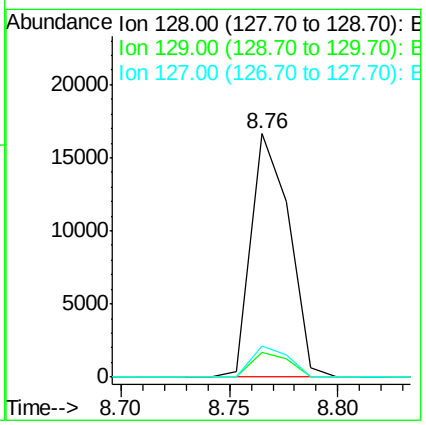


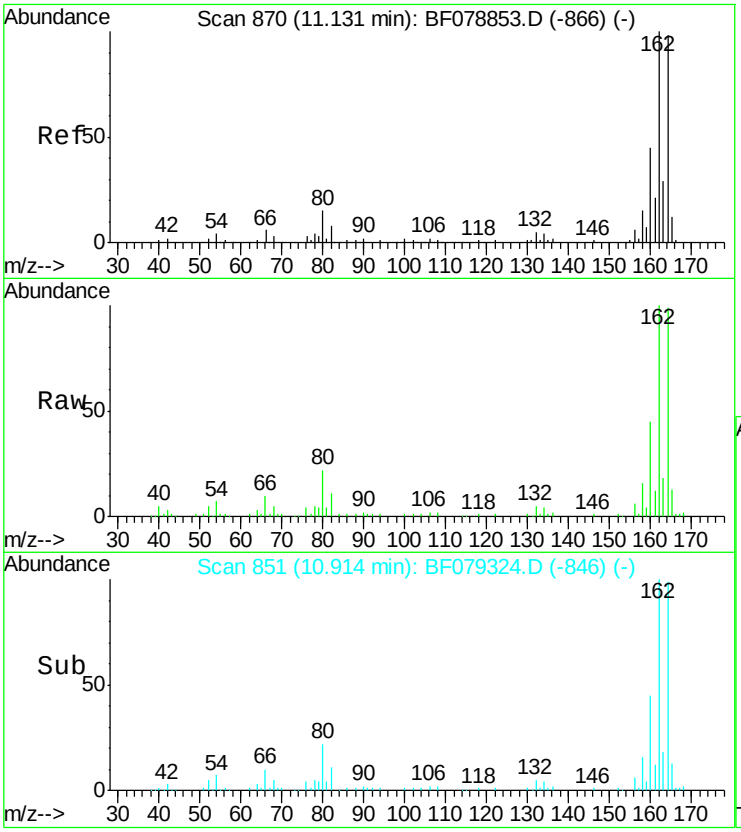


#31
Naphthalene
Concen: 2.44 ng
RT: 8.76 min Scan# 663
Delta R.T. -0.06 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:128 Resp: 20328

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.2	13.8
127	12.6	10.3	15.5



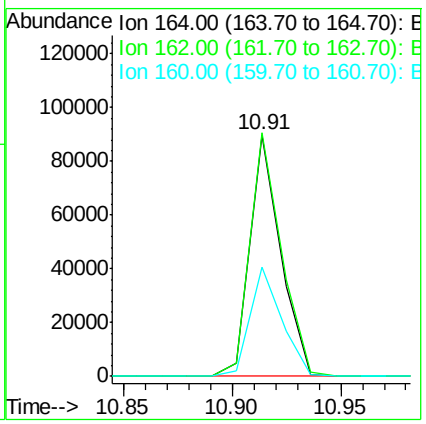


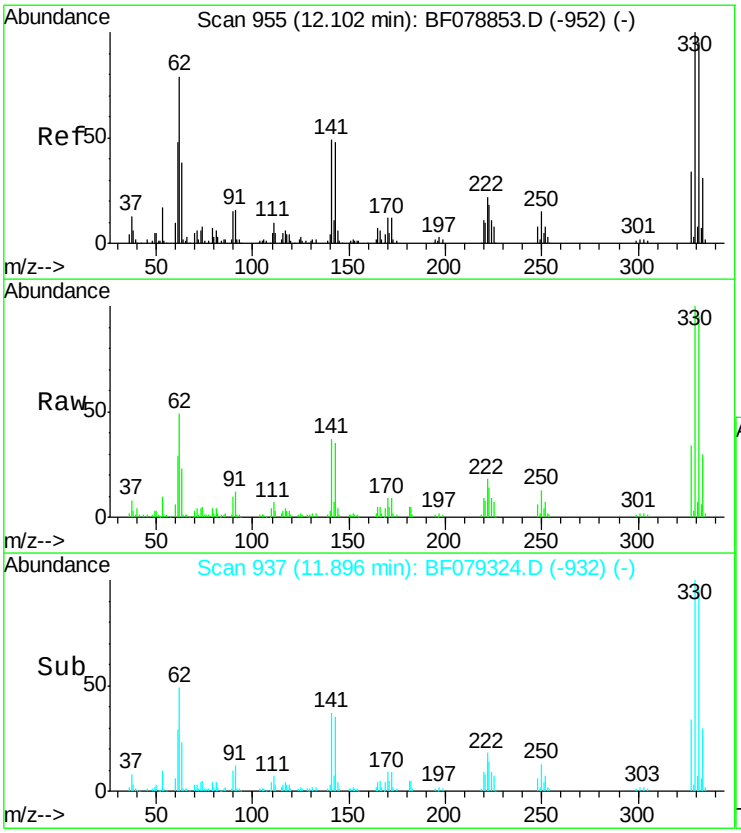
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.06 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:164 Resp: 88315

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	45.2	36.6	54.8

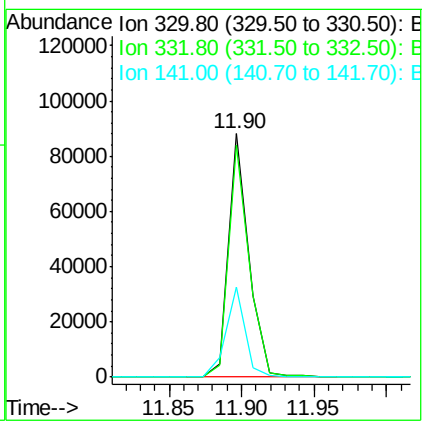


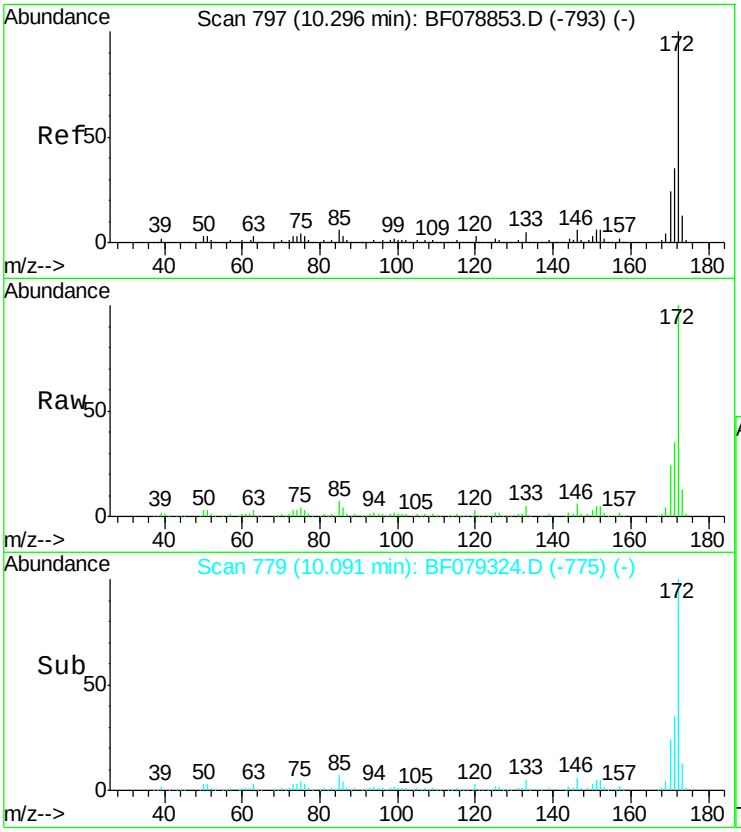


#41
2,4,6-Tribromophenol
Concen: 90.41 ng
RT: 11.90 min Scan# 937
Delta R.T. -0.06 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:330 Resp: 86377

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	35.0	27.8	41.8



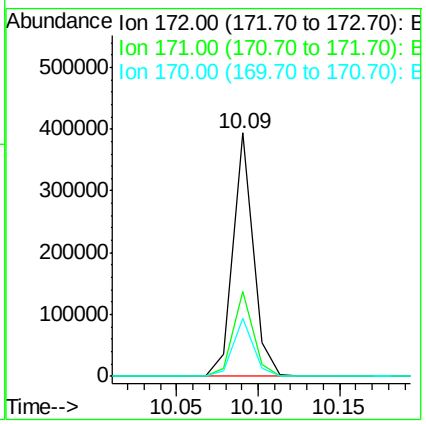


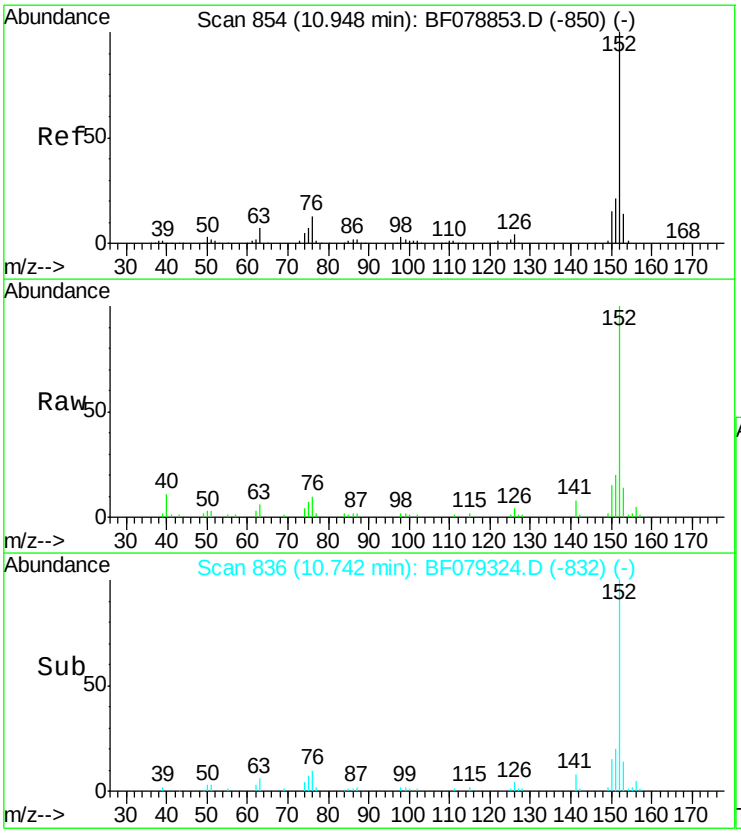
#44
2-Fluorobiphenyl
Concen: 53.04 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.06 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:172 Resp: 336239

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.6	19.4	29.2

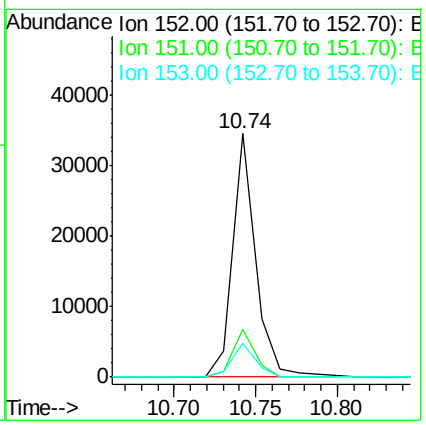


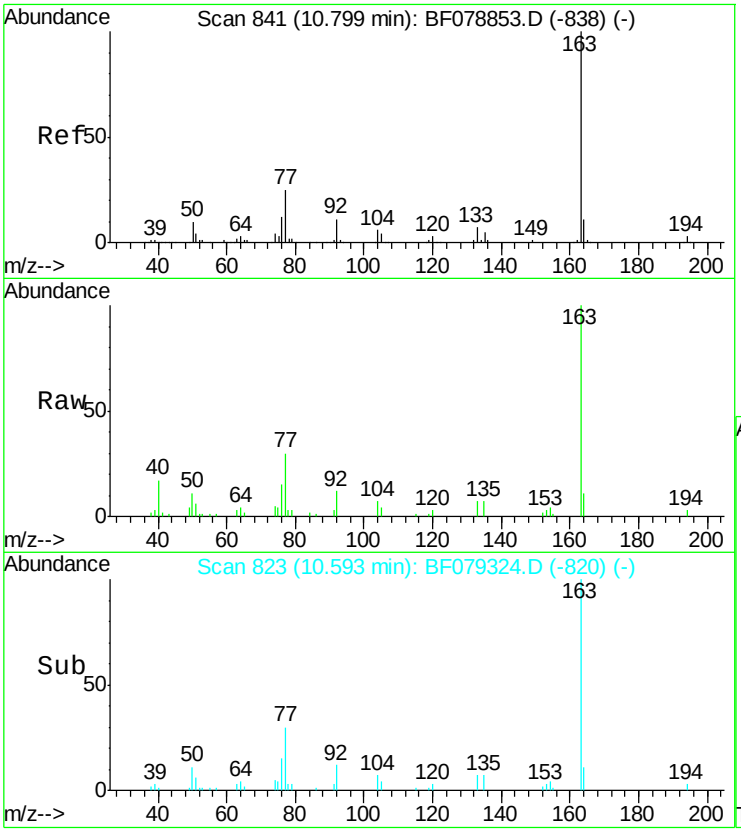


#48
Acenaphthylene
Concen: 3.73 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.06 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:152 Resp: 33543

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	24.8
153	13.7	11.0	16.6



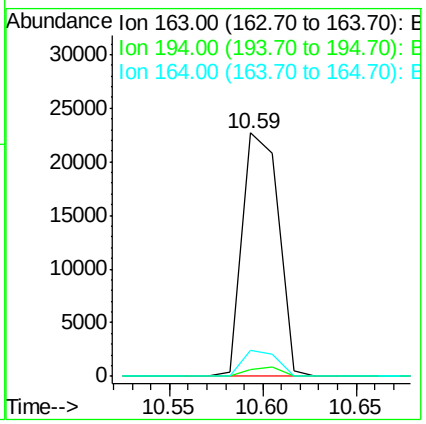


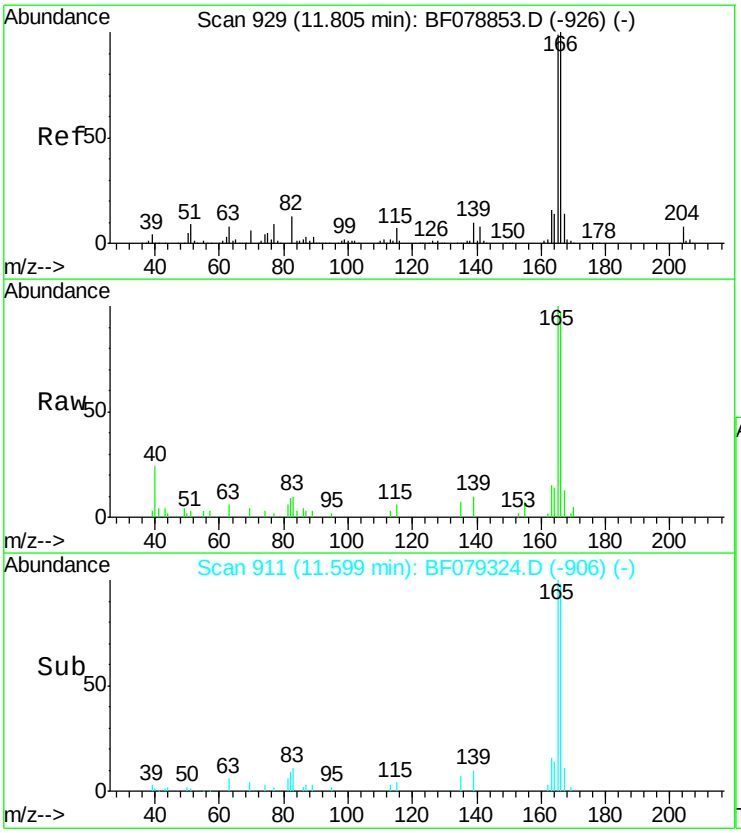
#49
Dimethylphthalate
Concen: 4.70 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.07 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:163 Resp: 30471

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.4	3.6
164	10.7	8.6	12.8

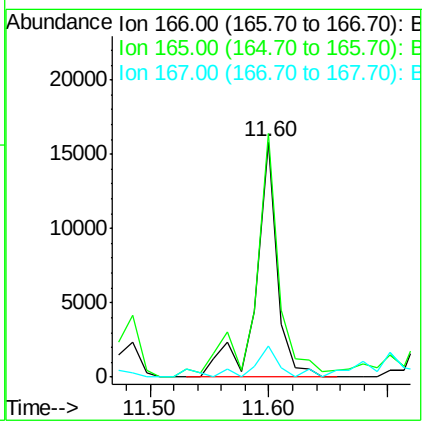


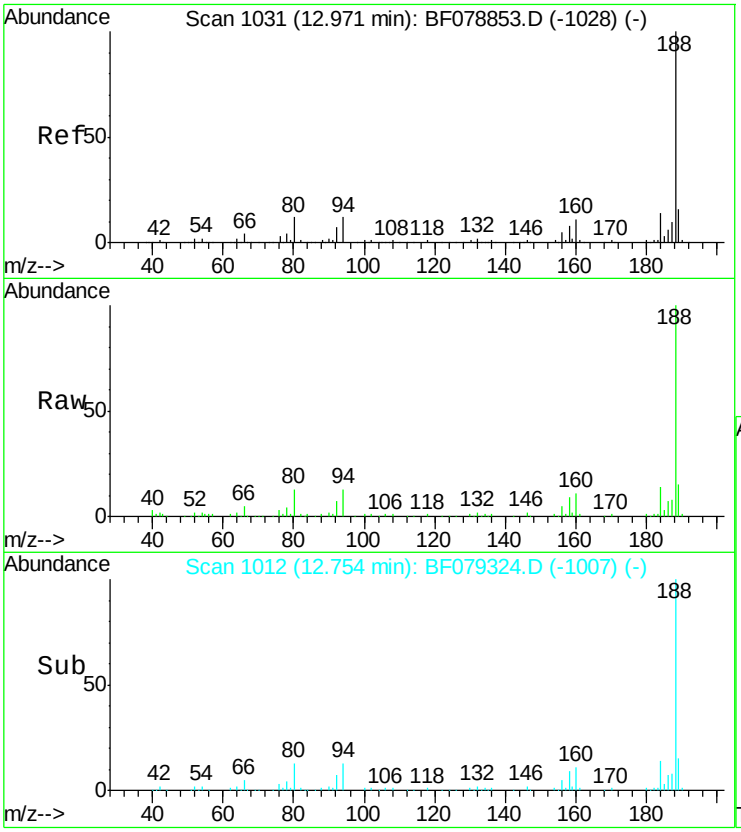


#57
Fluorene
Concen: 3.11 ng
RT: 11.60 min Scan# 911
Delta R.T. -0.06 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:166 Resp: 19787

Ion	Ratio	Lower	Upper
166	100		
165	103.6	79.5	119.3
167	13.3	11.0	16.6



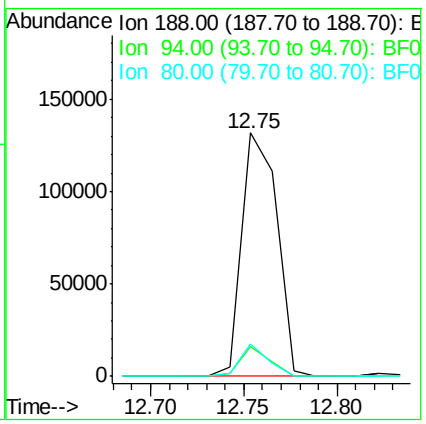


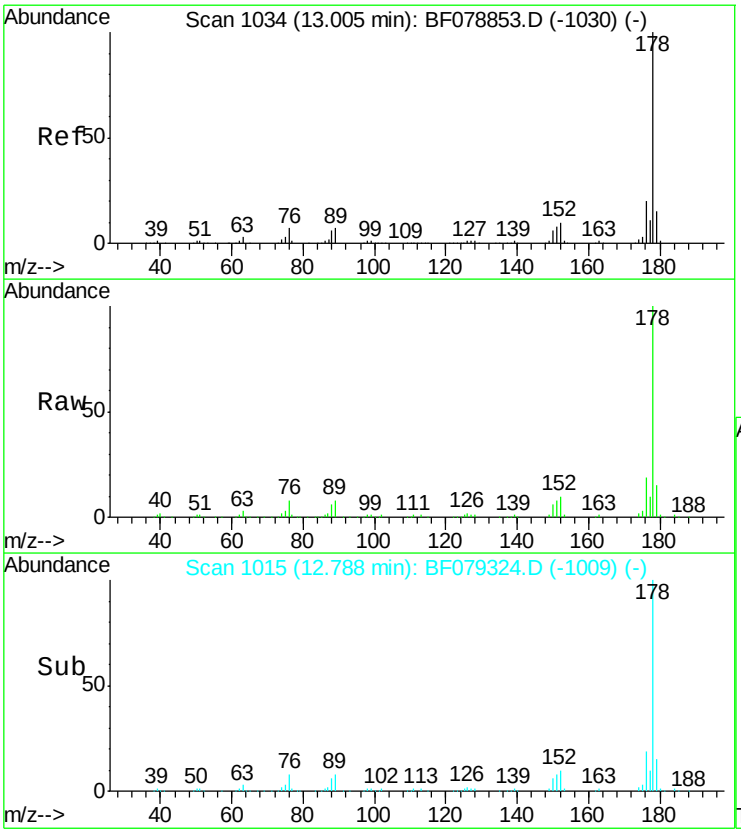
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1012
Delta R.T. -0.07 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:188 Resp: 172820

Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.4	14.0
80	13.4	9.8	14.6

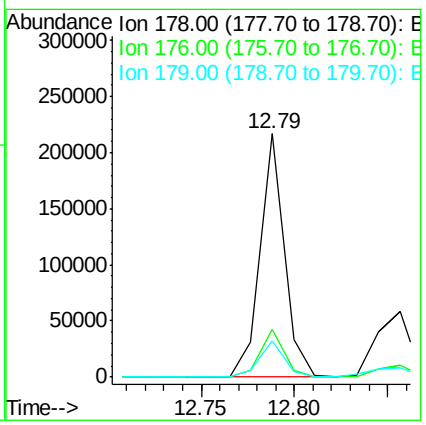


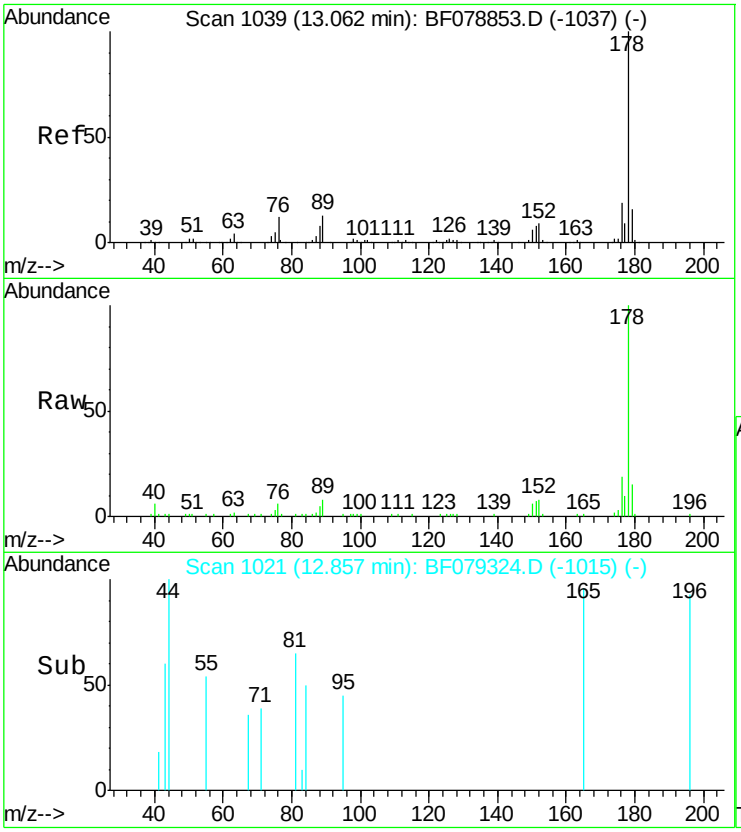


#70
Phenanthrene
Concen: 20.18 ng
RT: 12.79 min Scan# 1015
Delta R.T. -0.06 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:178 Resp: 195125

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	14.9	12.2	18.4



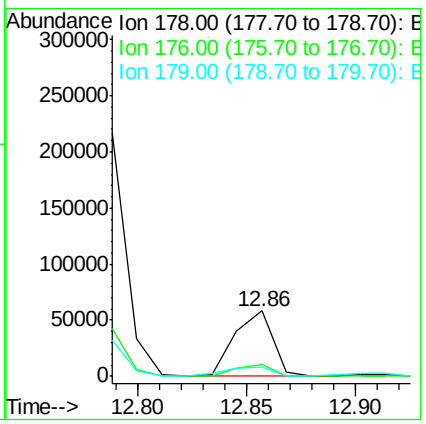


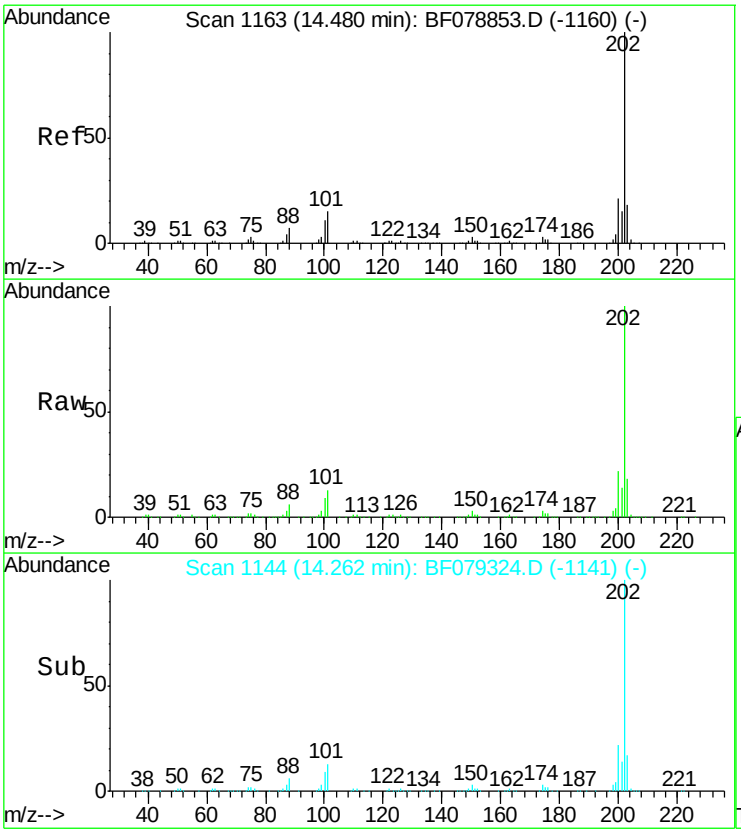
#71
Anthracene
Concen: 7.36 ng
RT: 12.86 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:178 Resp: 69850

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	14.8	12.6	19.0

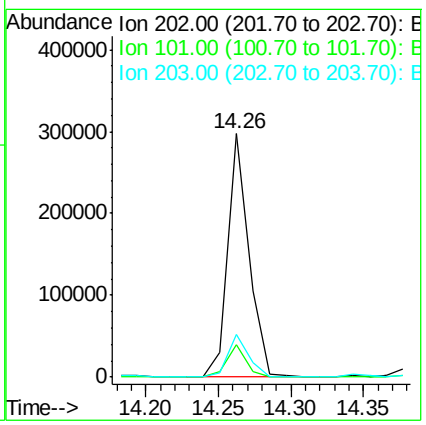


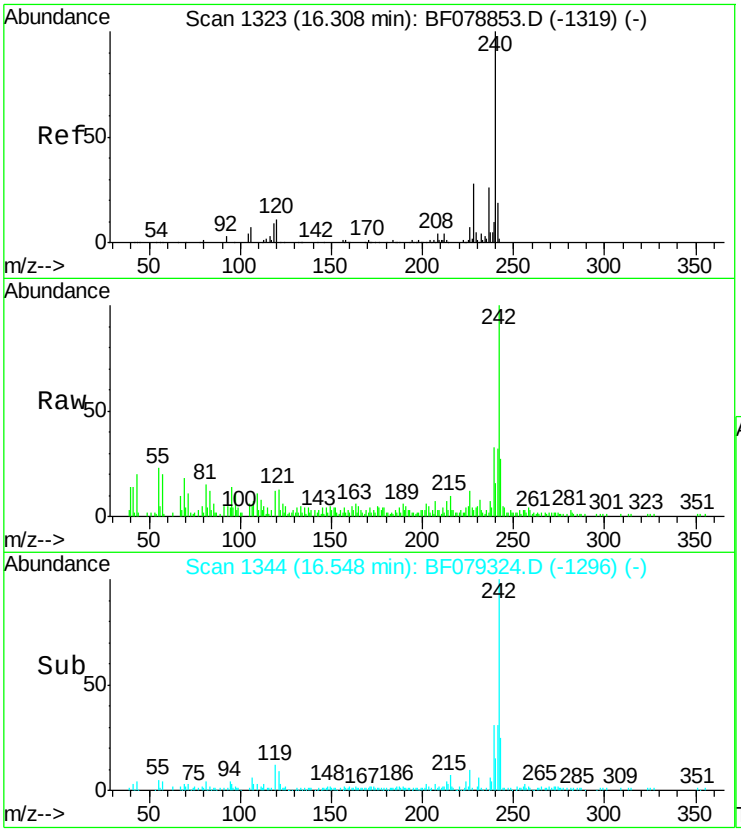


#74
Fluoranthene
Concen: 29.63 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.11 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:202 Resp: 298535

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.7
203	17.6	0.0	37.9



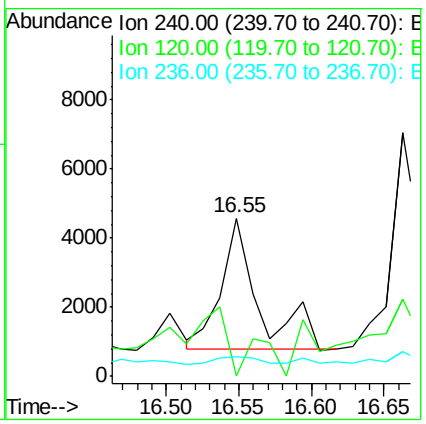


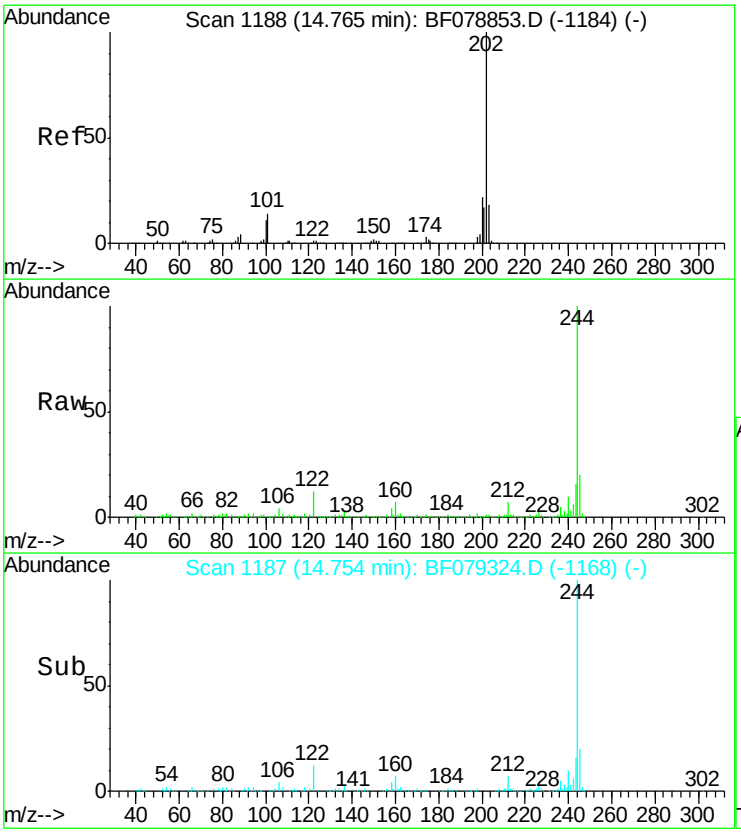
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.55 min Scan# 1344
Delta R.T. 0.05 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:240 Resp: 6672

Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.6	12.8#
236	12.7	21.0	31.6#

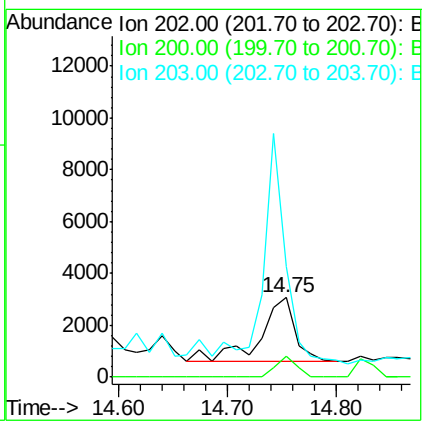


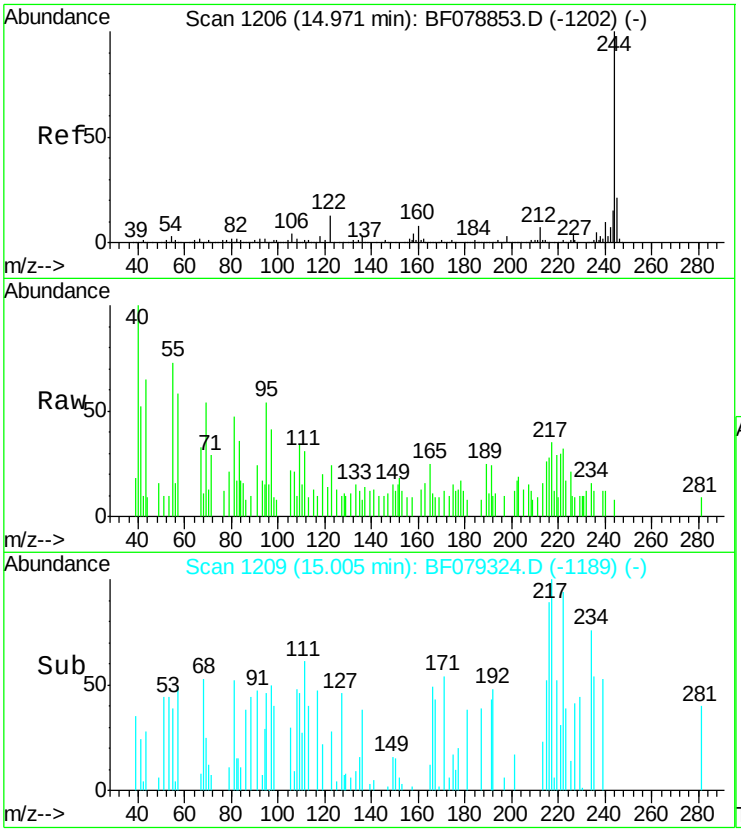


#77
Pyrene
Concen: 14.89 ng
RT: 14.75 min Scan# 1187
Delta R.T. 0.07 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:202 Resp: 5723

Ion	Ratio	Lower	Upper
202	100		
200	26.5	17.5	26.3#
203	140.0	14.7	22.1#



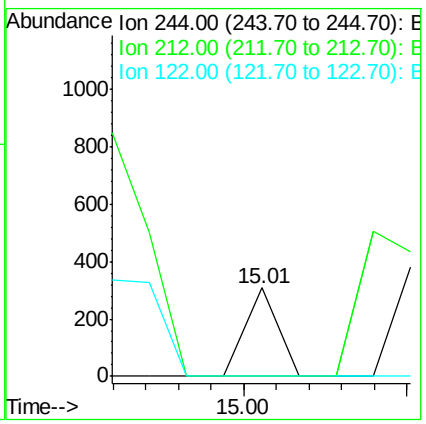


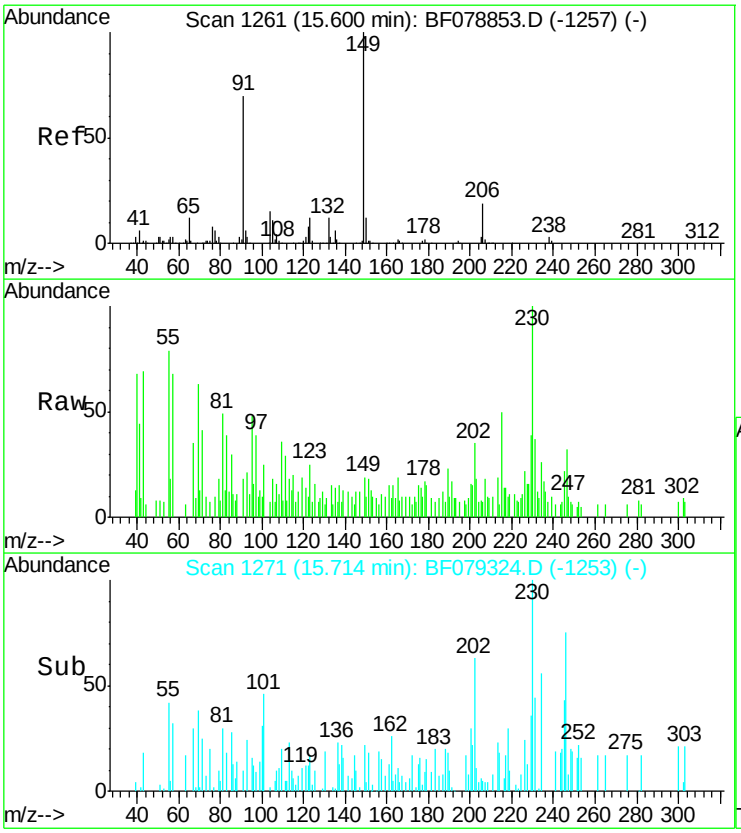
#78
Terphenyl-d14
Concen: 0.76 ng
RT: 15.01 min Scan# 1209
Delta R.T. 0.08 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:244 Resp: 211

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.6	8.4#
122	0.0	10.5	15.7#

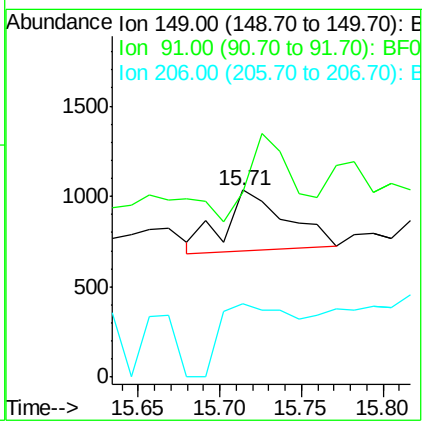


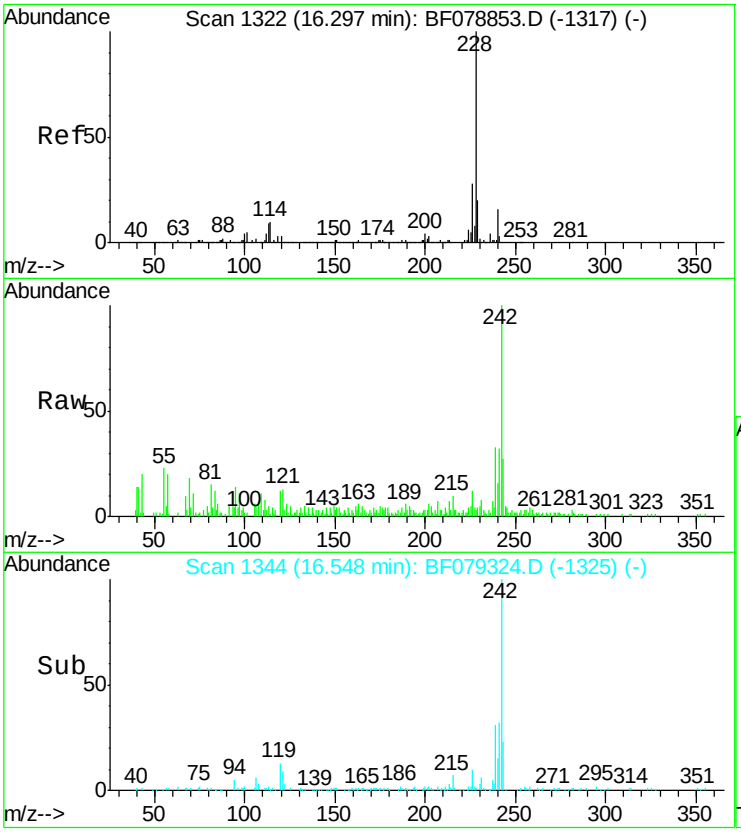


#79
Butylbenzylphthalate
Concen: 5.22 ng
RT: 15.71 min Scan# 1271
Delta R.T. 0.05 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:149 Resp: 878

Ion	Ratio	Lower	Upper
149	100		
91	98.8	56.2	84.2#
206	38.9	15.2	22.8#



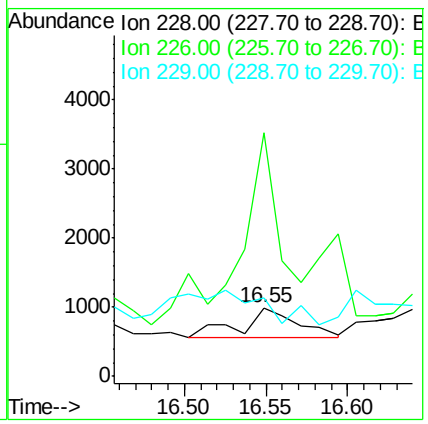


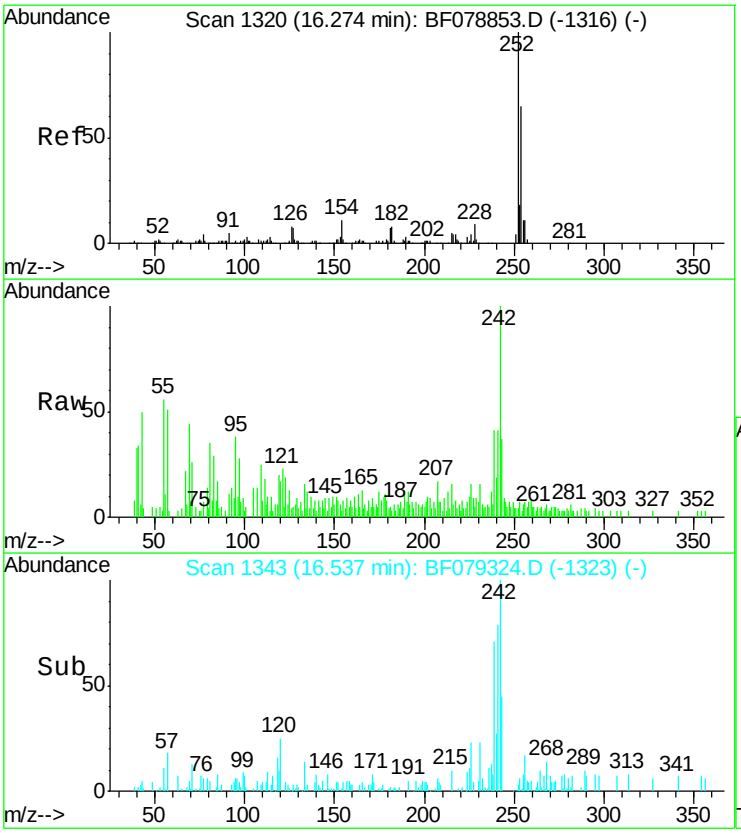
#80
Benzo(a)anthracene
Concen: 2.93 ng
RT: 16.55 min Scan# 1344
Delta R.T. 0.06 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:228 Resp: 1070

Ion	Ratio	Lower	Upper
228	100		
226	356.1	22.3	33.5#
229	115.4	16.1	24.1#

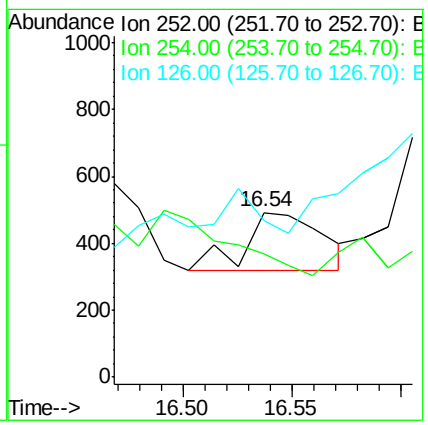


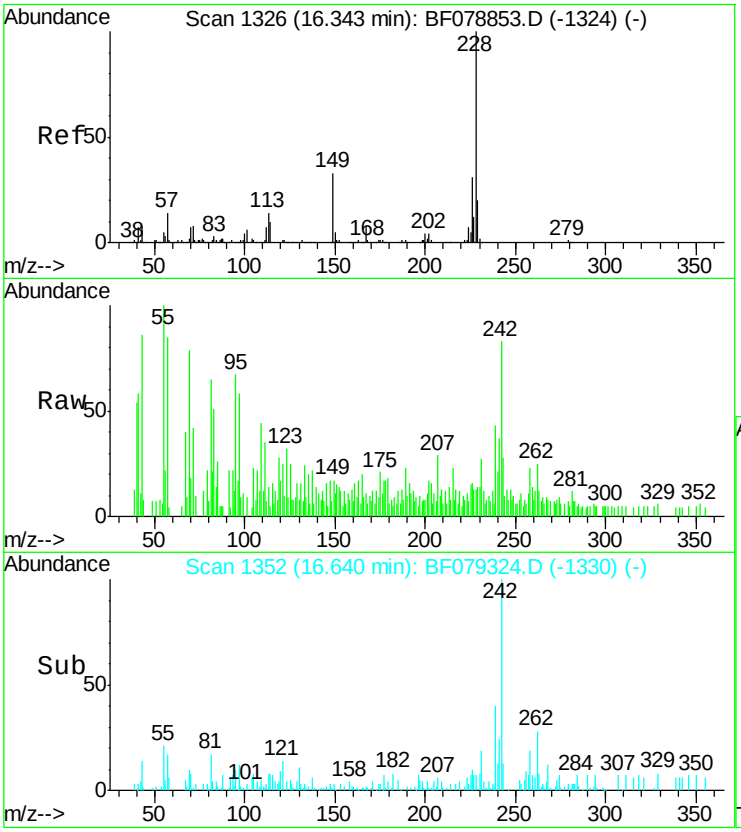


#81
3,3'-Dichlorobenzidine
Concen: 3.35 ng
RT: 16.54 min Scan# 1343
Delta R.T. 0.07 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:252 Resp: 436

Ion	Ratio	Lower	Upper
252	100		
254	74.8	52.2	78.2
126	95.1	6.6	9.8#



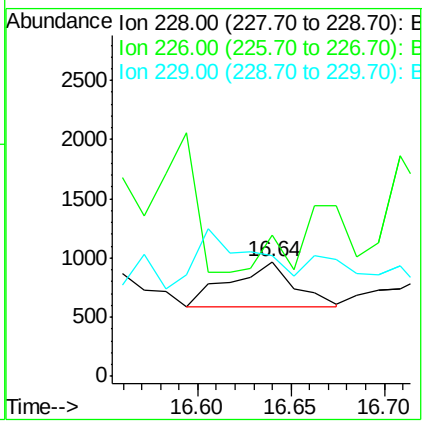


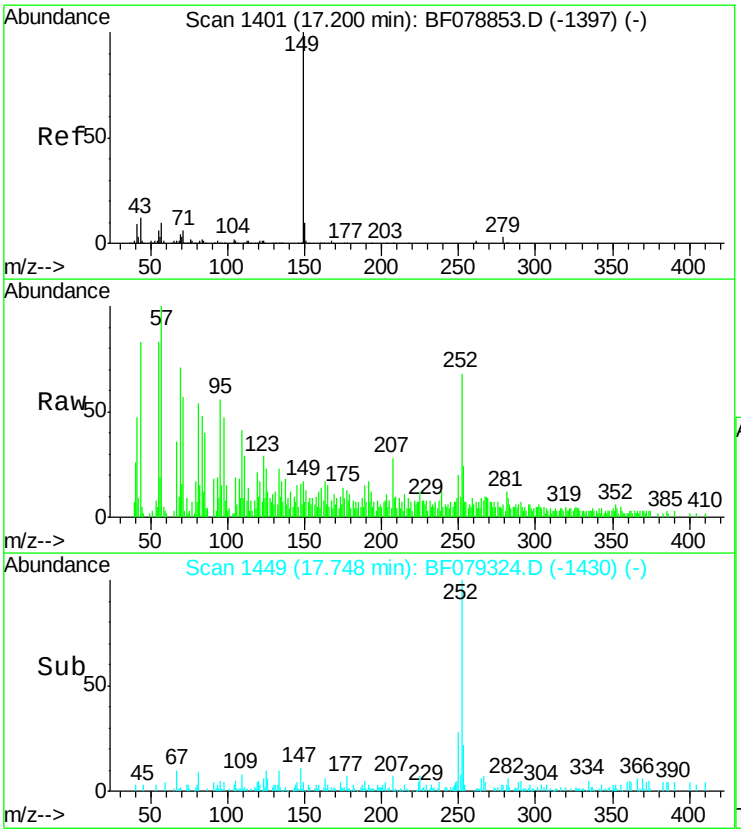
#82
Chrysene
Concen: 2.54 ng
RT: 16.64 min Scan# 1352
Delta R.T. 0.09 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:228 Resp: 891

Ion	Ratio	Lower	Upper
228	100		
226	122.7	24.8	37.2#
229	105.6	16.1	24.1#

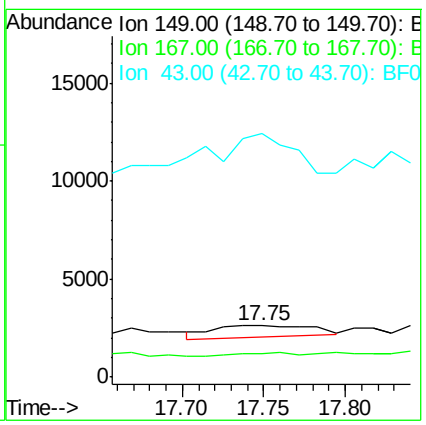


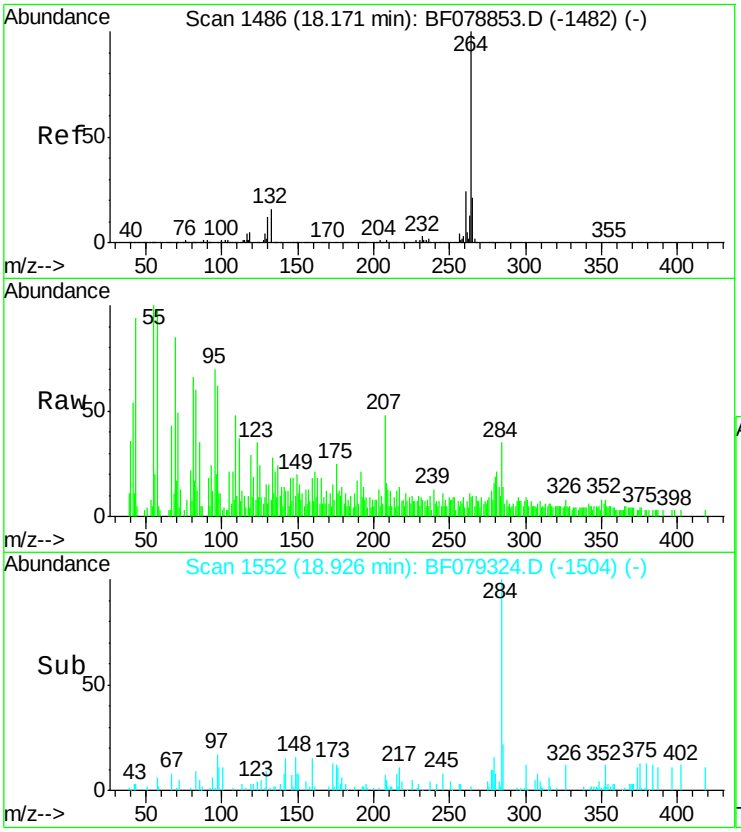


#84
Di-n-octyl phthalate
Concen: 5.26 ng
RT: 17.75 min Scan# 1449
Delta R.T. 0.05 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:149 Resp: 2360

Ion	Ratio	Lower	Upper
149	100		
167	14.4	1.2	1.8#
43	309.8	9.0	13.6#



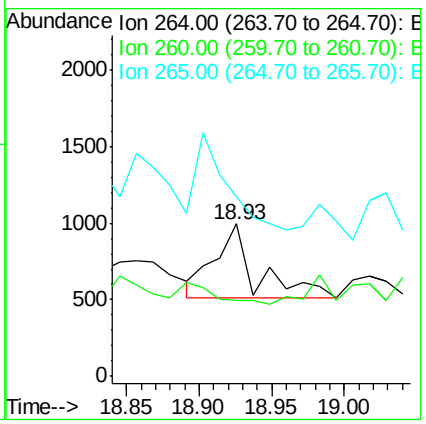


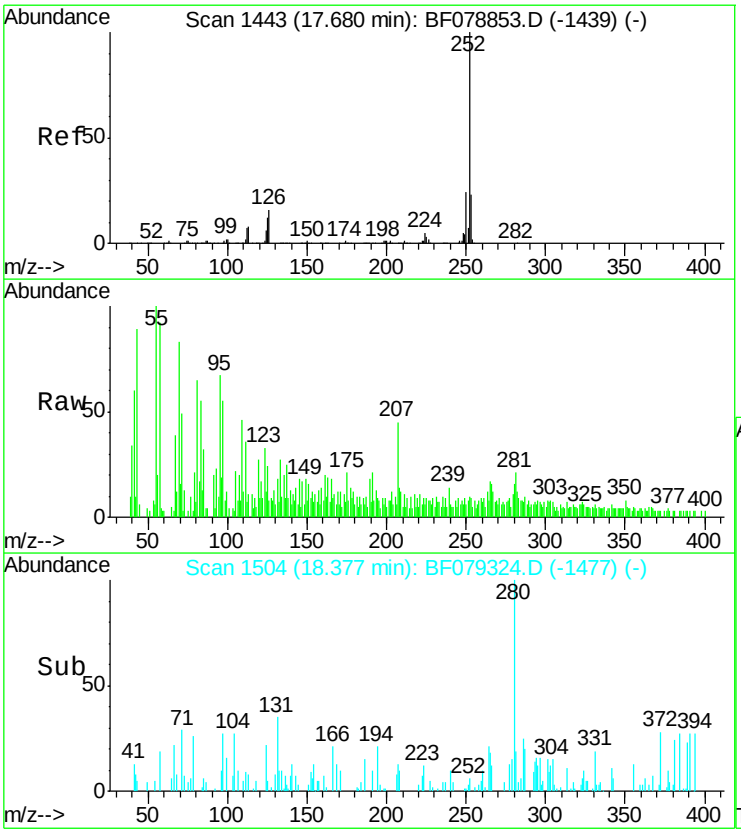
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.93 min Scan# 1552
Delta R.T. 0.05 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:264 Resp: 984

Ion	Ratio	Lower	Upper
264	100		
260	50.2	19.2	28.8#
265	117.8	17.2	25.8#

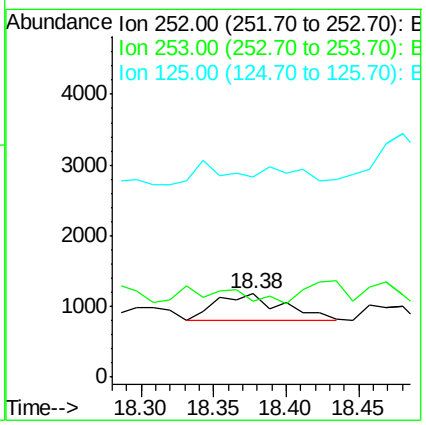


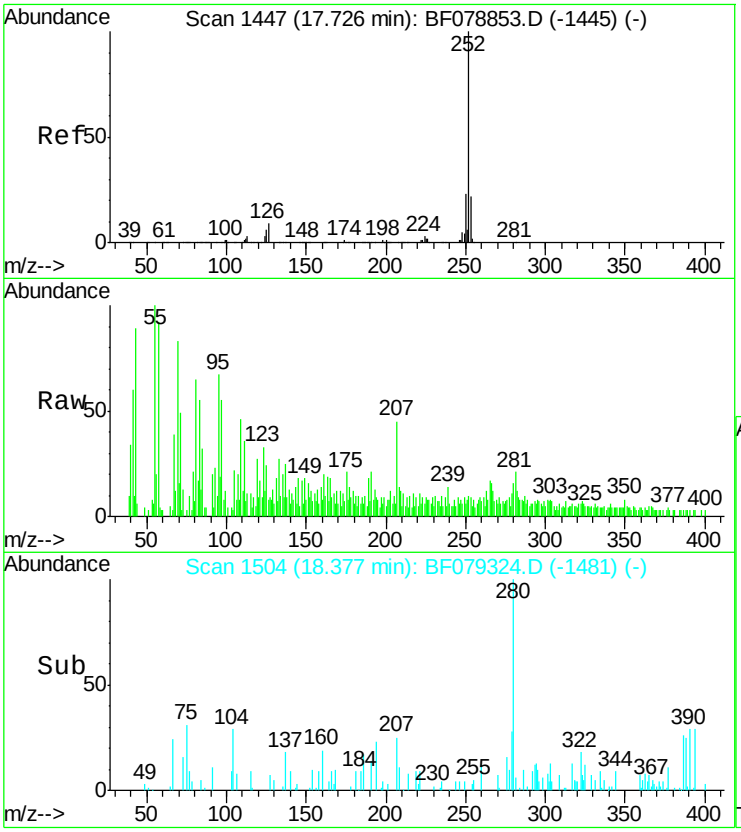


#87
Benzo(b)fluoranthene
Concen: 21.54 ng
RT: 18.38 min Scan# 1504
Delta R.T. 0.13 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:252 Resp: 1160

Ion	Ratio	Lower	Upper
252	100		
253	91.6	18.1	27.1#
125	239.7	9.4	14.2#



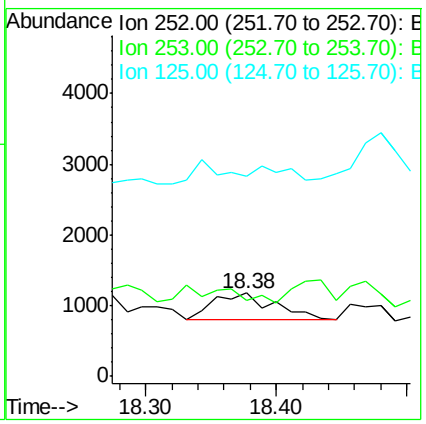


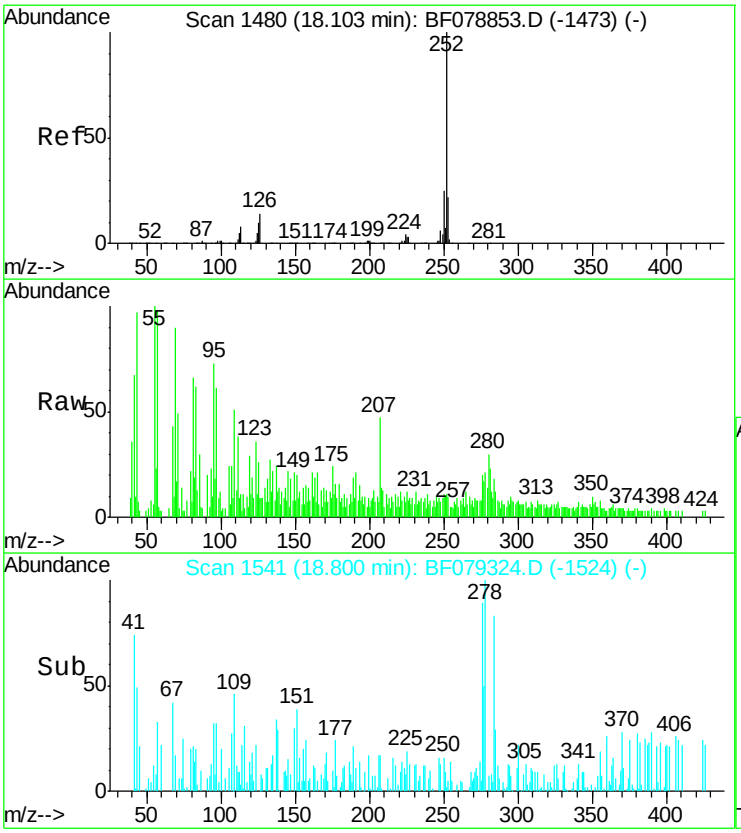
#88
Benzo(k)fluoranthene
Concen: 22.59 ng
RT: 18.38 min Scan# 1504
Delta R.T. 0.08 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:252 Resp: 1178

Ion	Ratio	Lower	Upper
252	100		
253	91.6	17.4	26.0#
125	239.7	6.1	9.1#

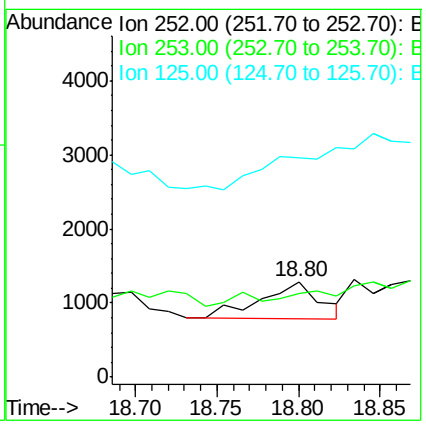


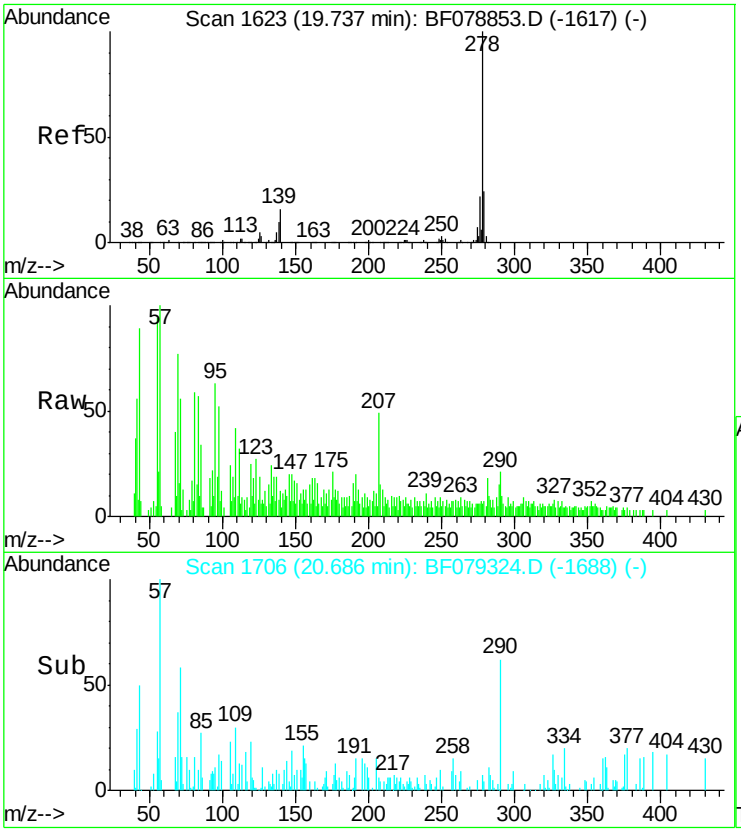


#89
Benzo(a)pyrene
Concen: 25.27 ng
RT: 18.80 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:252 Resp: 1253

Ion	Ratio	Lower	Upper
252	100		
253	88.2	18.0	27.0#
125	229.8	8.2	12.2#



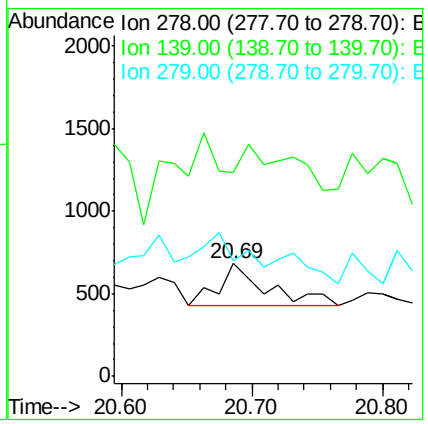


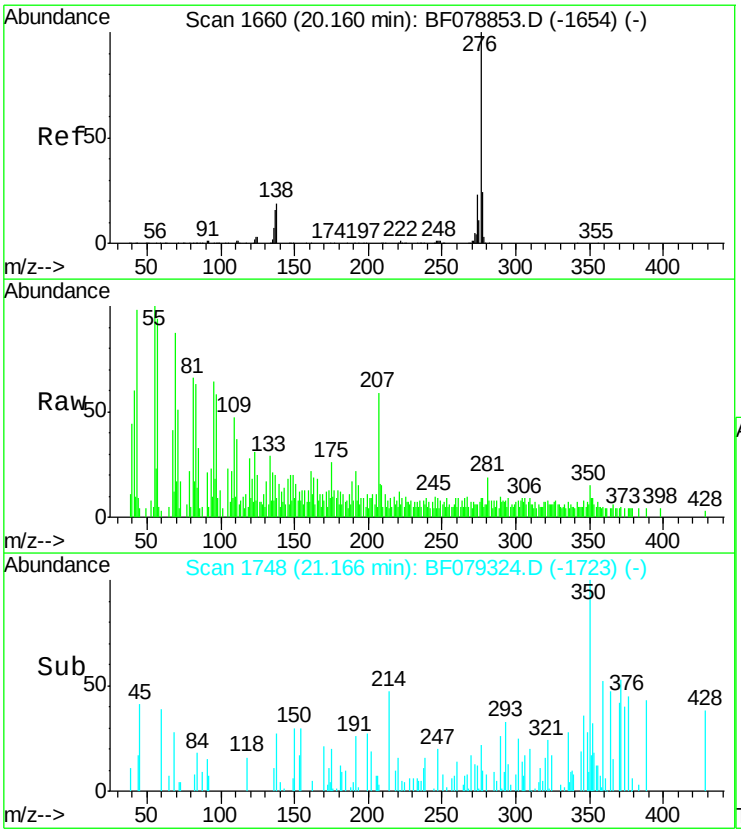
#90
Dibenzo(a,h)anthracene
Concen: 12.52 ng
RT: 20.69 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Instrument :
BNA_F
ClientSampleId :
SB-08

Tgt Ion:278 Resp: 660

Ion	Ratio	Lower	Upper
278	100		
139	180.3	13.1	19.7#
279	102.9	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 15.60 ng
RT: 21.17 min Scan# 1748
Delta R.T. 0.08 min
Lab File: BF079324.D
Acq: 19 May 2015 1:05

Tgt Ion:276 Resp: 824

Ion	Ratio	Lower	Upper
276	100		
277	98.0	18.8	28.2#
138	104.9	15.2	22.8#