Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079332.D
Acq On : 19 May 2015 4:55
Operator : TP/IZ
Sample : G2283-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-02-D1

Quant Time: May 19 05:36:46 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	197328	20.00	ng		-0.06
38) Acenaphthene-d10	10.91	164	103317	20.00	ng		-0.06
63) Phenanthrene-d10	12.77	188	196319	20.00	ng		-0.06
75) Chrysene-d12	16.55	240	6936	20.00	ng		0.05
86) Perylene-d12	18.99	264	262	20.00	ng		0.11
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	245497	71.50	ng		-0.06
41) 2,4,6-Tribromophenol	11.91	330	132009	118.11	ng		-0.05
44) 2-Fluorobiphenyl	10.09	172	503054	67.84	ng		-0.06
78) Terphenyl-d14	15.06	244	269	0.93	ng		0.14
Target Compounds							Qvalue
32) Benzoic acid	8.46	122	216	6.42	ng	#	45
48) Acenaphthylene	10.74	152	29928	2.85	ng		98
49) Dimethylphthalate	10.61	163	62440	8.23	ng	#	97
70) Phenanthrene	12.79	178	116415	10.60	ng		100
71) Anthracene	12.86	178	39720	3.69	ng		99
74) Fluoranthene	14.26	202	217322	18.99	ng		100
76) Benzidine	14.54	184	674	3.61	ng	#	1
77) Pyrene	14.75	202	4324	10.82	ng	#	1
84) Di-n-octyl phthalate	17.74	149	9068	19.46	ng	#	80
87) Benzo(b)fluoranthene	18.38	252	1143	79.70	ng	#	1
88) Benzo(k)fluoranthene	18.38	252	1007	72.54	ng	#	1
89) Benzo(a)pyrene	18.88	252	2307	174.71	ng	#	1
90) Dibenzo(a,h)anthracene	20.83	278	198	14.11	ng	#	1
91) Benzo(g,h,i)perylene	21.21	276	859	61.07	ng	#	1

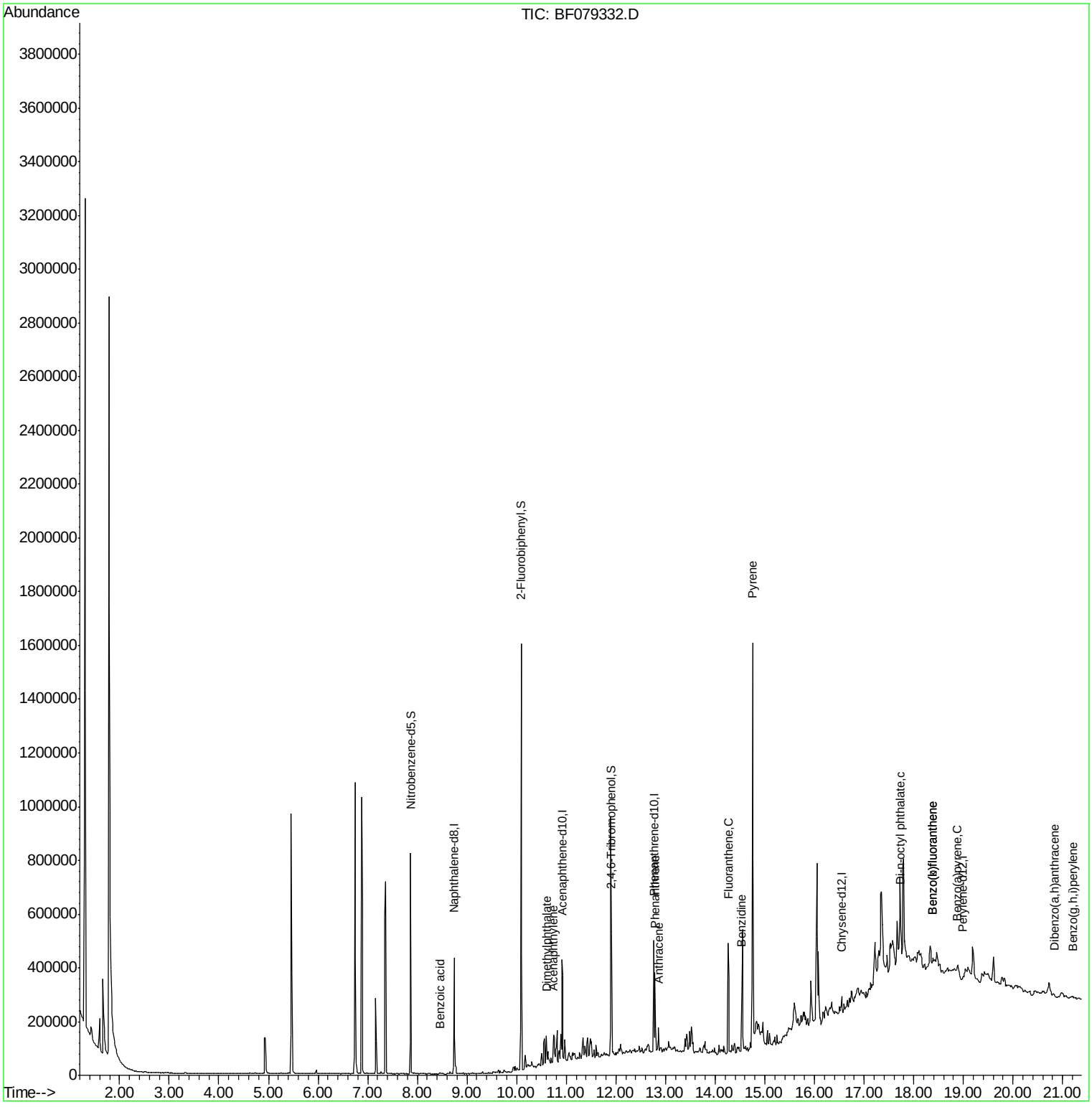
(#) = qualifier out of range (m) = manual integration (+) = signals summed

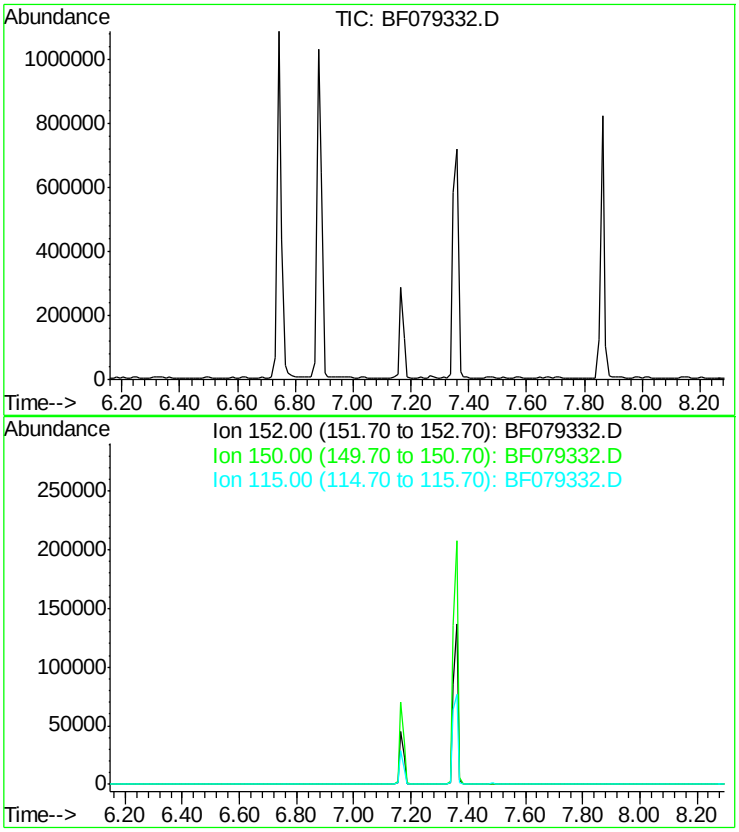
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079332.D
Acq On : 19 May 2015 4:55
Operator : TP/IZ
Sample : G2283-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Quant Time: May 19 05:36:46 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





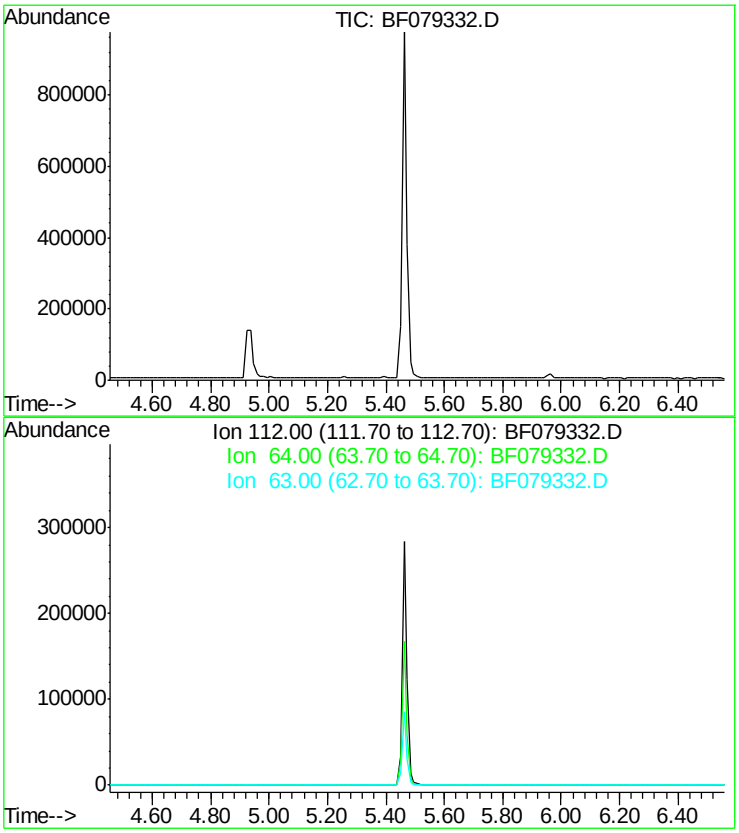
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 7.22 min

Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	154.8
115	61.7

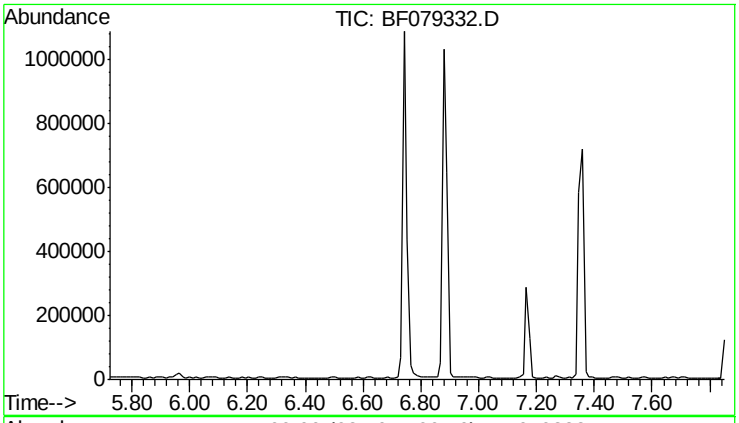


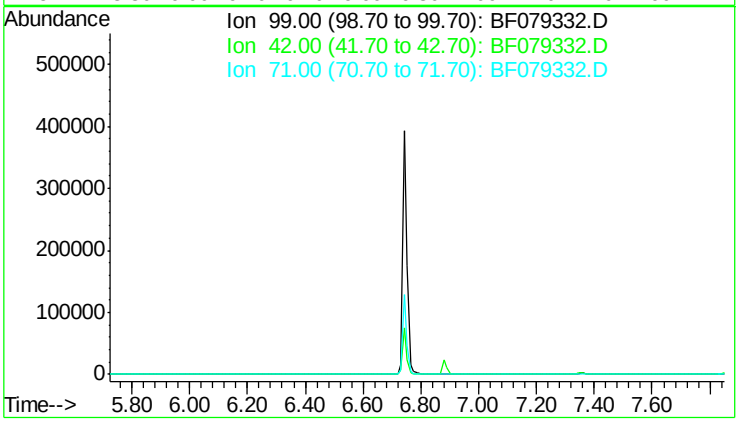
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.51 min

Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4





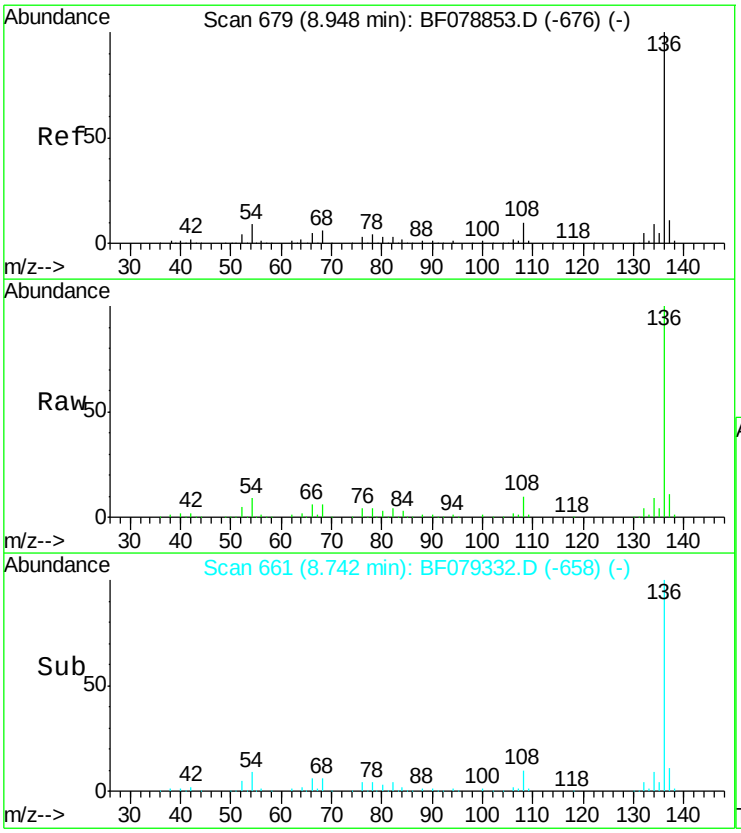
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.79 min

Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

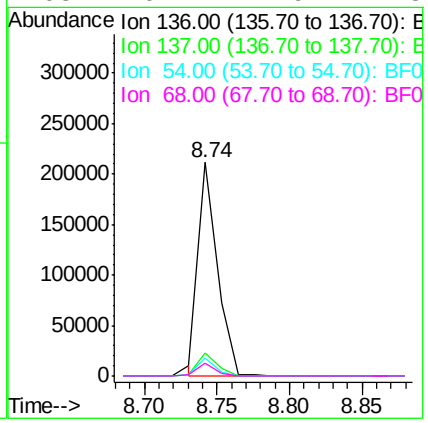
Instrument :
BNA_F
ClientSampleId :
WC-02-D1

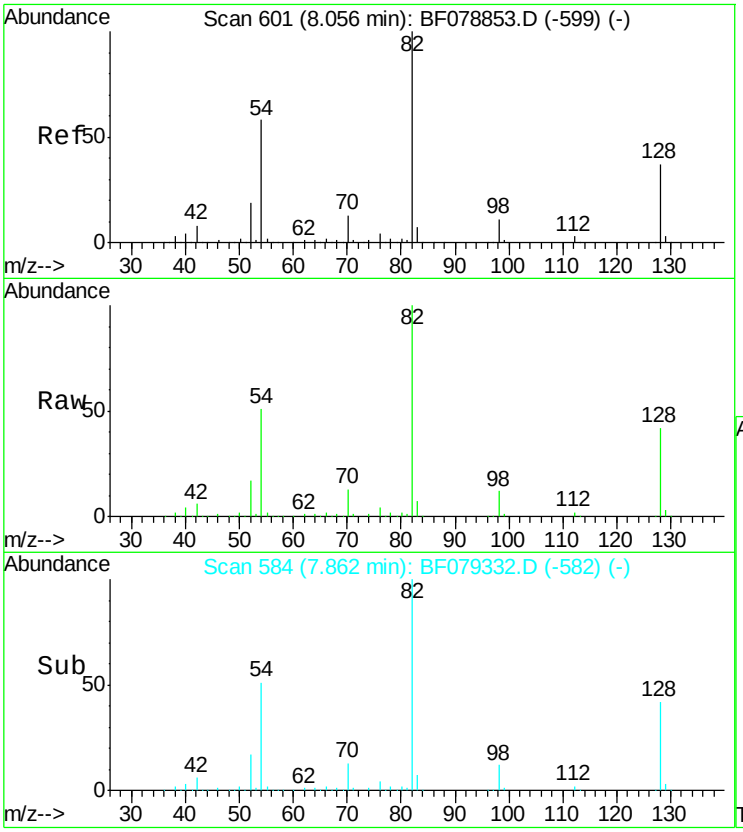


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:136 Resp: 197328

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.7	6.9	10.3
68	6.2	4.9	7.3



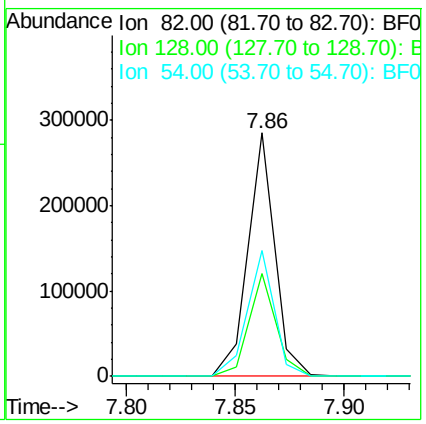


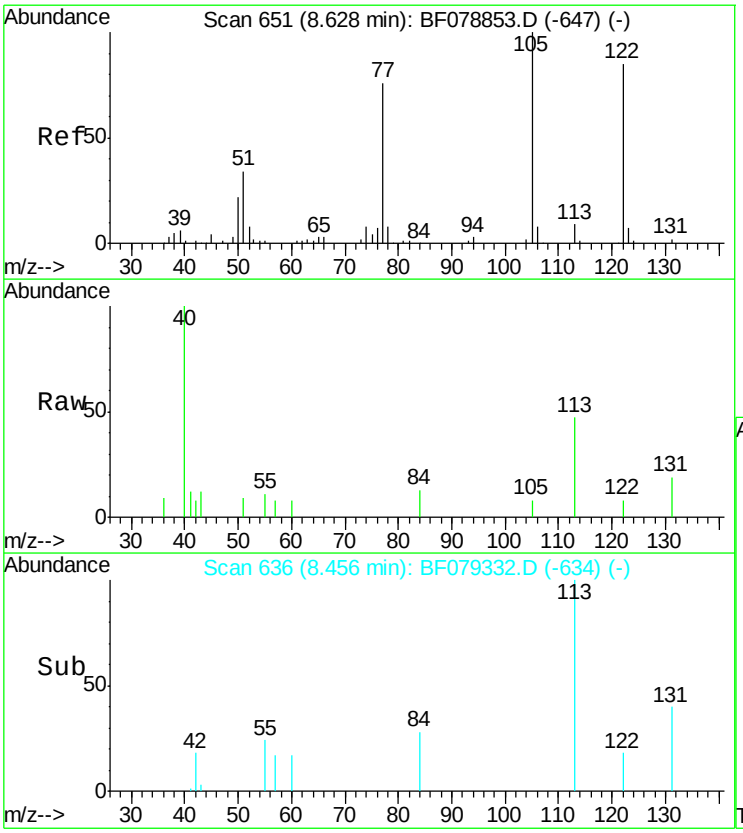
#23
Nitrobenzene-d5
Concen: 71.50 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion: 82 Resp: 245497

Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.7	44.5
54	51.4	46.2	69.4

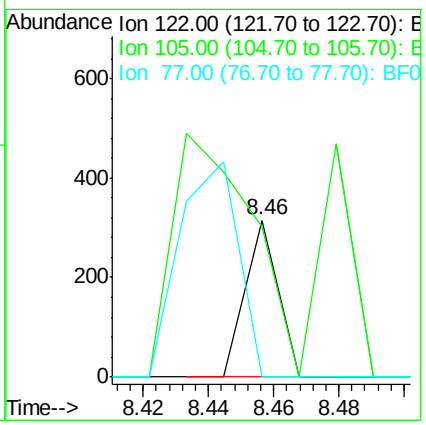


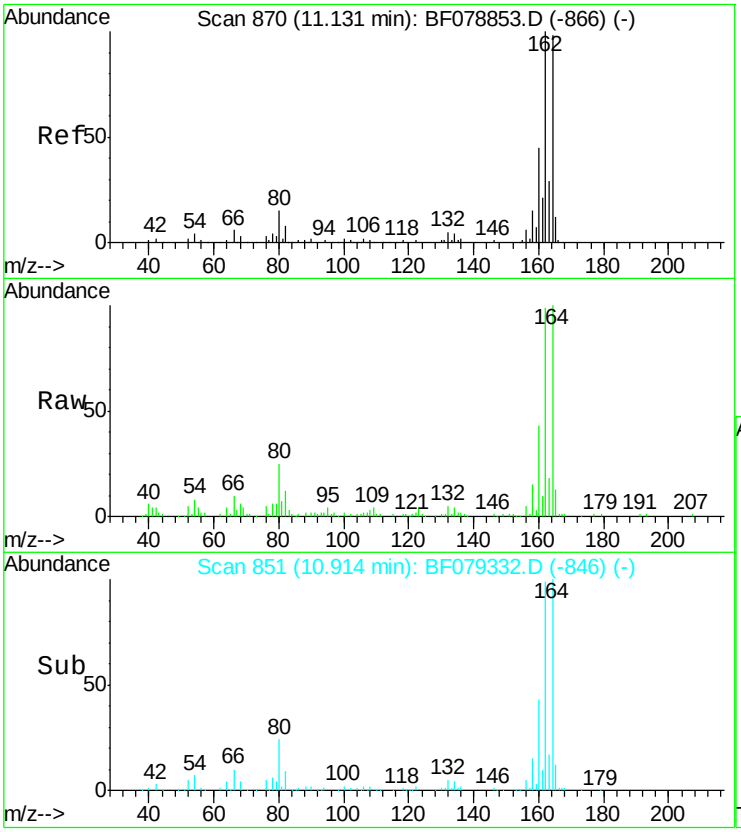


#32
Benzoic acid
Concen: 6.42 ng
RT: 8.46 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:122 Resp: 216

Ion	Ratio	Lower	Upper
122	100		
105	95.6	100.7	140.7#
77	0.0	72.0	112.0#



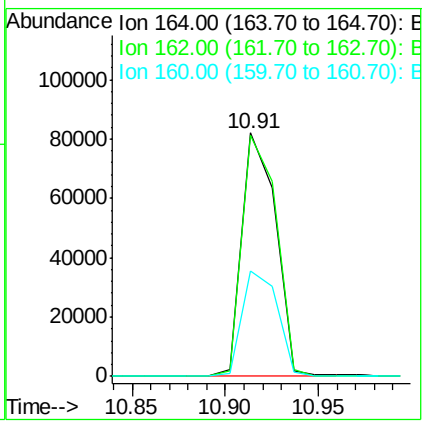


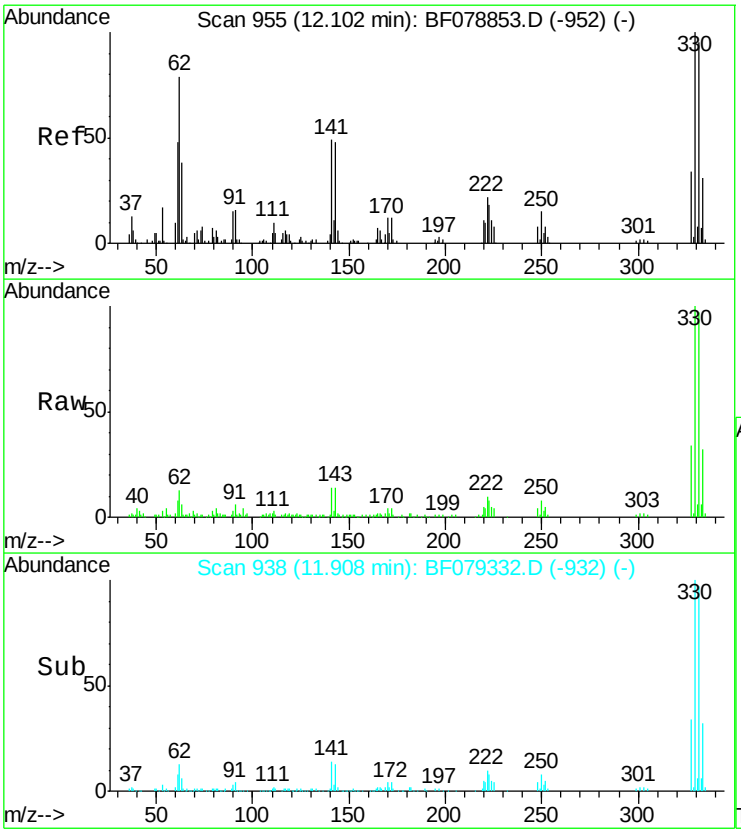
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:164 Resp: 103317

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.4	122.0
160	43.4	36.6	54.8

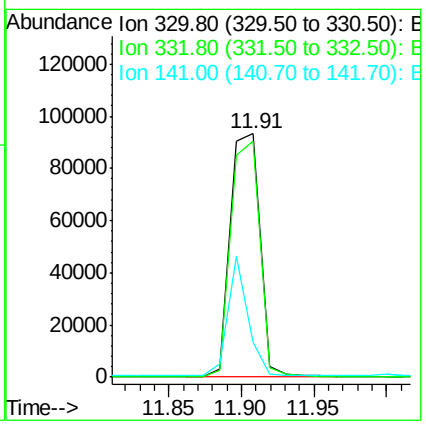


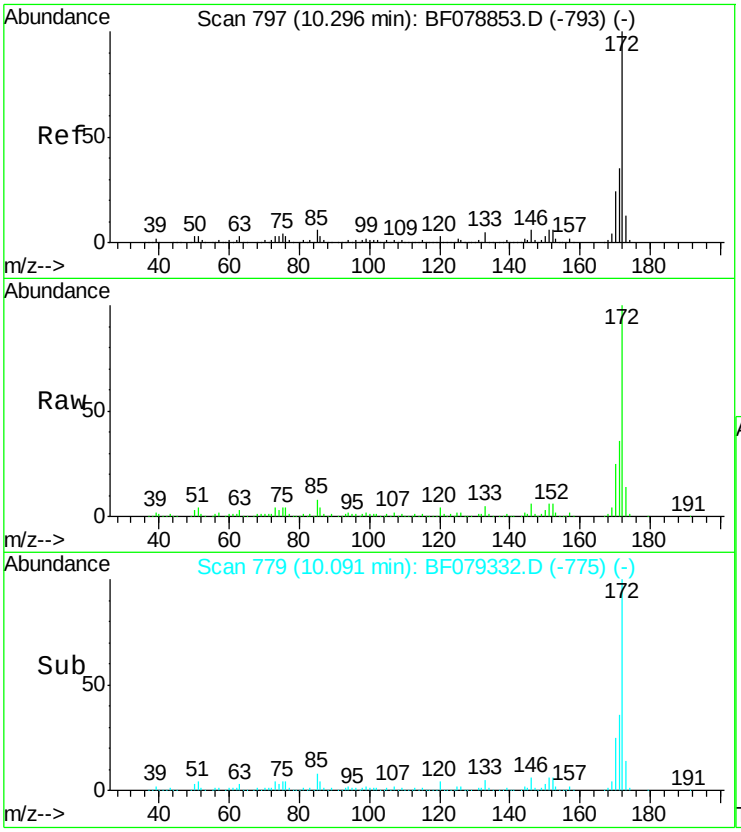


#41
2,4,6-Tribromophenol
Concen: 118.11 ng
RT: 11.91 min Scan# 938
Delta R.T. -0.05 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:330 Resp: 132009

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	33.8	27.8	41.8



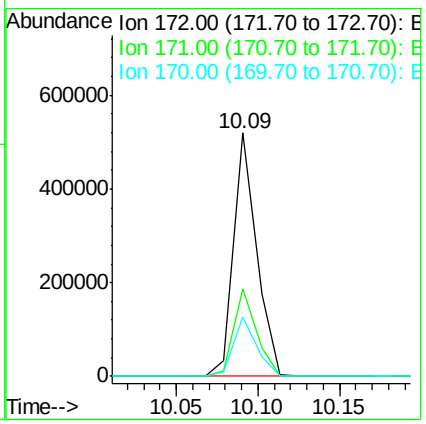


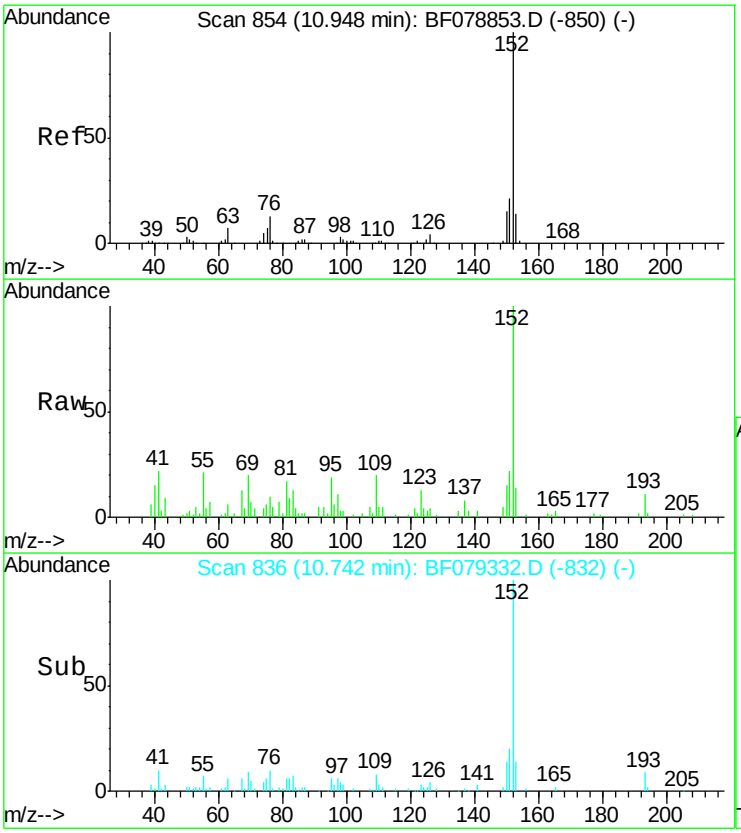
#44
2-Fluorobiphenyl
Concen: 67.84 ng
RT: 10.09 min Scan# 779
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:172 Resp: 503054

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	24.6	19.4	29.2

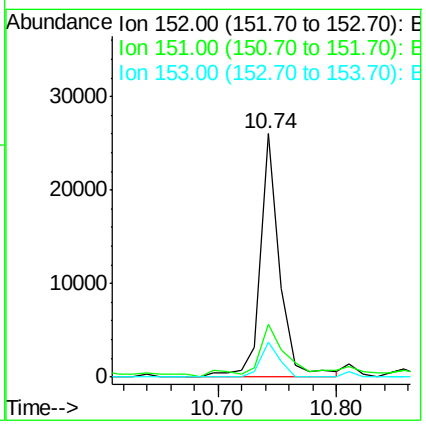


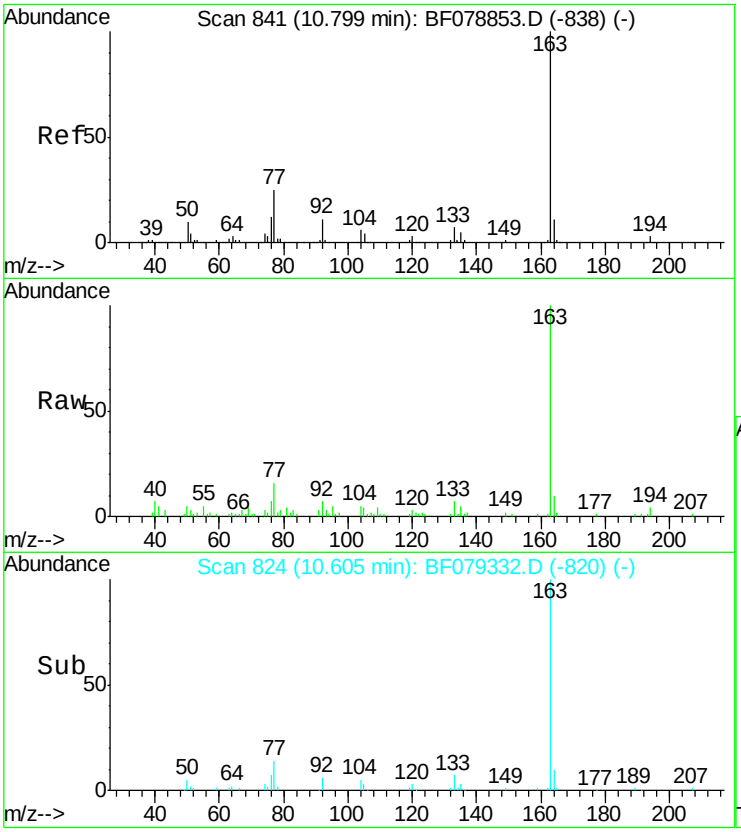


#48
Acenaphthylene
Concen: 2.85 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:152 Resp: 29928

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.6	24.8
153	14.2	11.0	16.6



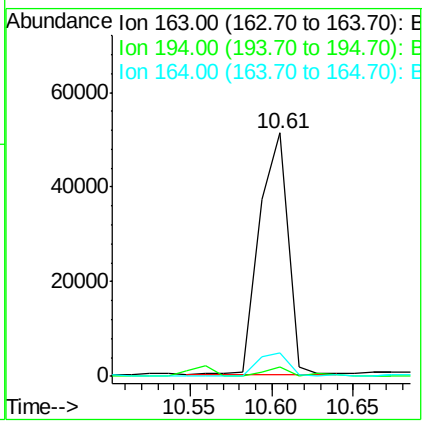


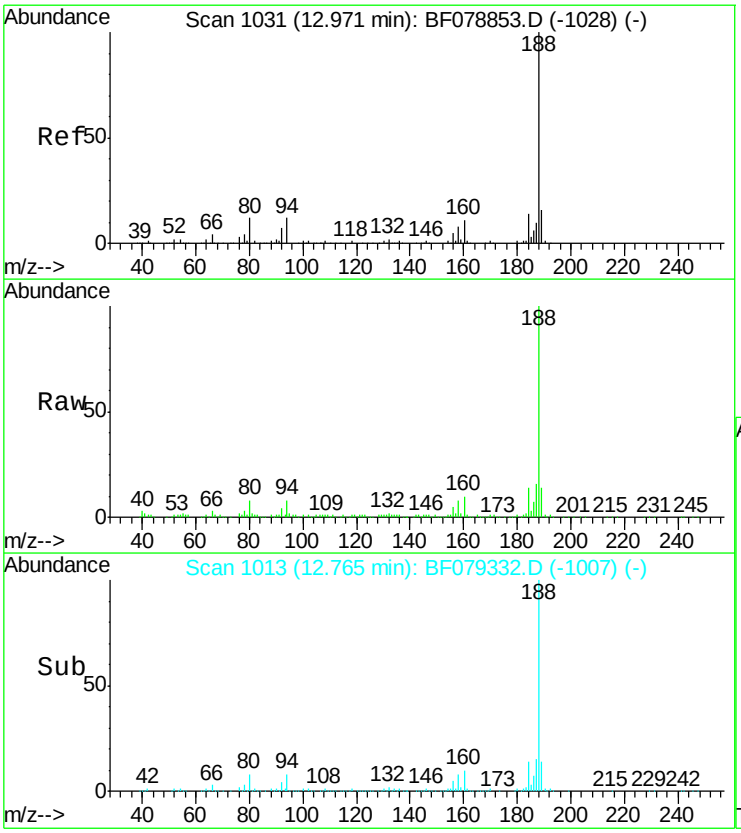
#49
Dimethylphthalate
Concen: 8.23 ng
RT: 10.61 min Scan# 824
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:163 Resp: 62440

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.4	3.6#
164	9.6	8.6	12.8

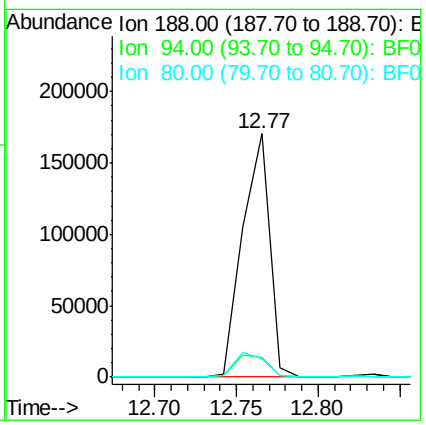


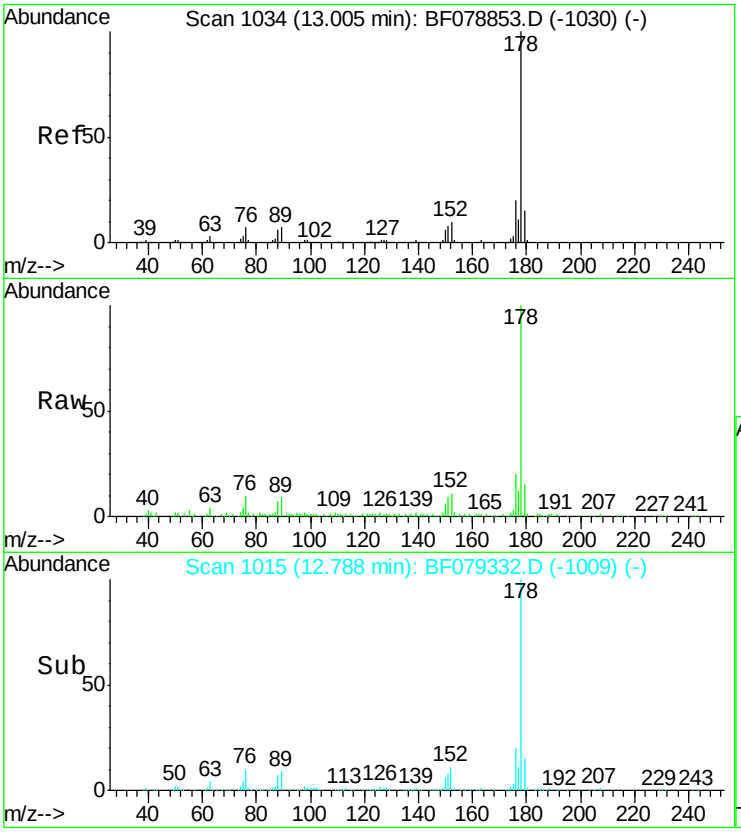


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:188 Resp: 196319

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.4	14.0#
80	7.8	9.8	14.6#



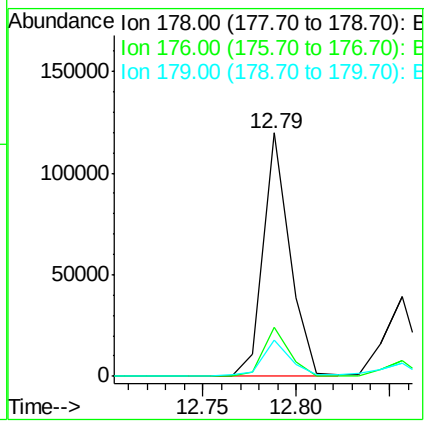


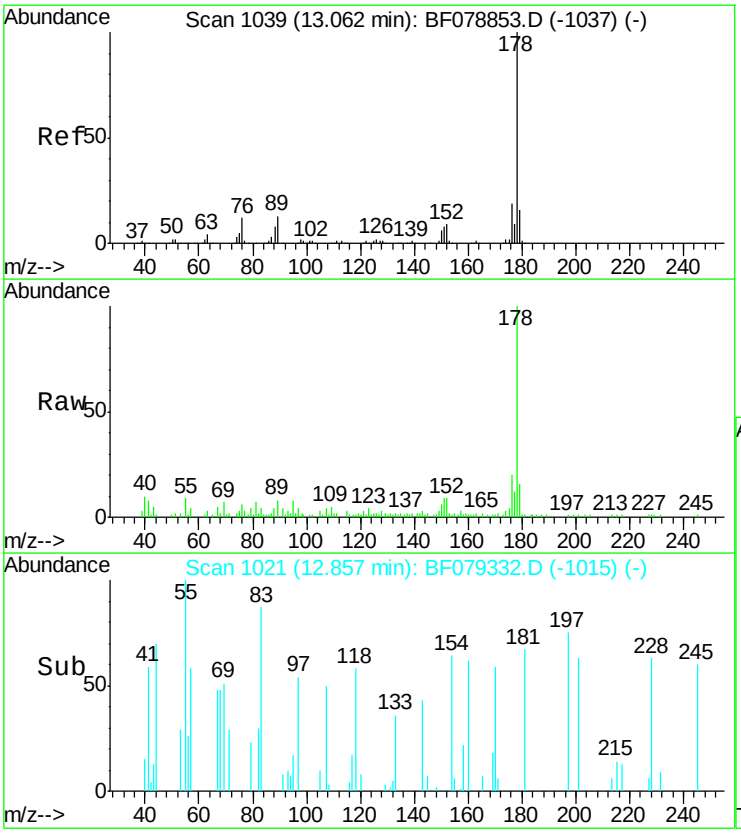
#70
Phenanthrene
Concen: 10.60 ng
RT: 12.79 min Scan# 1015
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:178 Resp: 116415

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	15.1	12.2	18.4

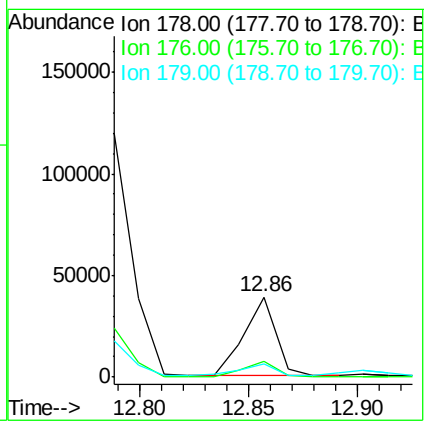


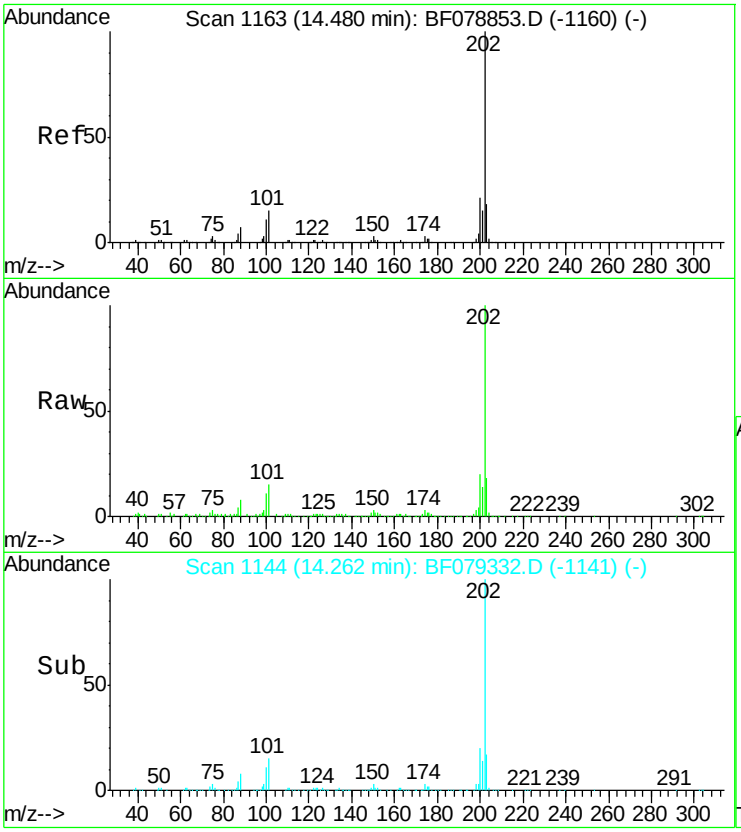


#71
Anthracene
Concen: 3.69 ng
RT: 12.86 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:178 Resp: 39720

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.8	12.6	19.0



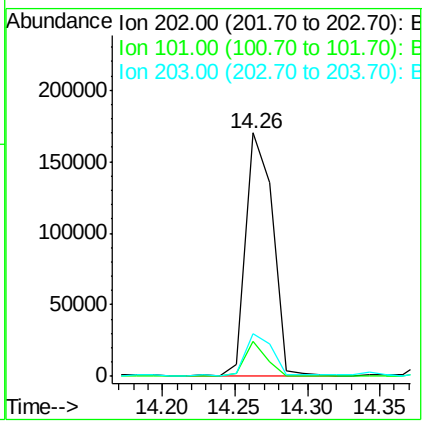


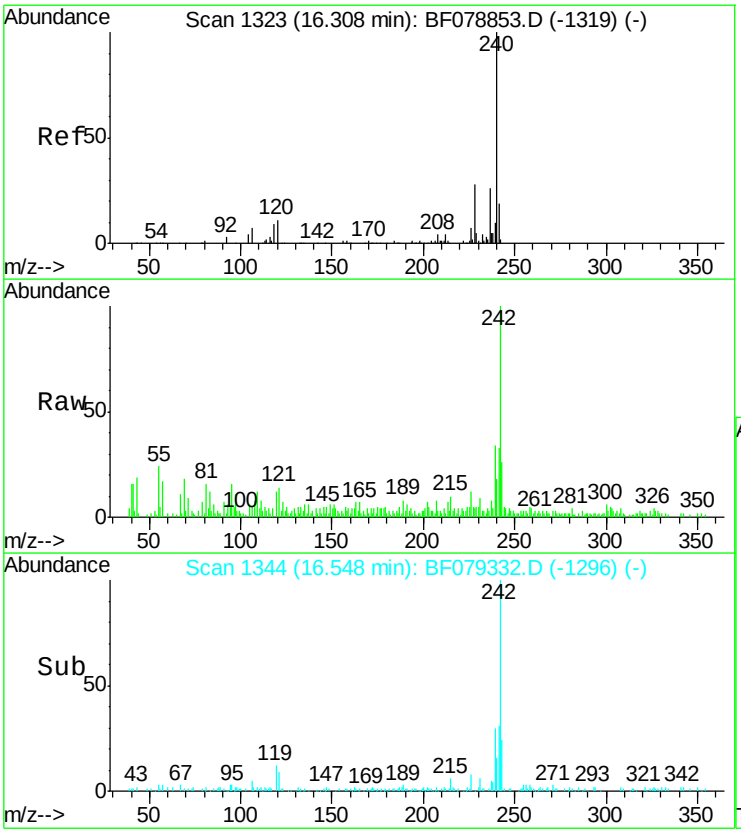
#74
Fluoranthene
Concen: 18.99 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.11 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:202 Resp: 217322

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.7
203	17.8	0.0	37.9

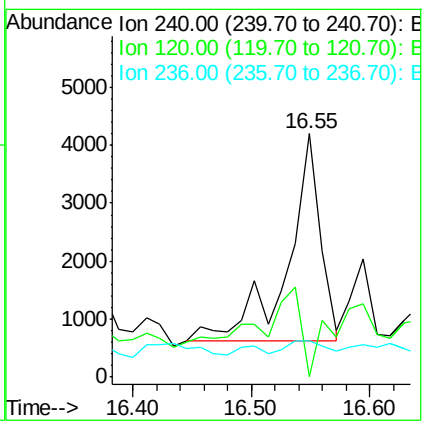


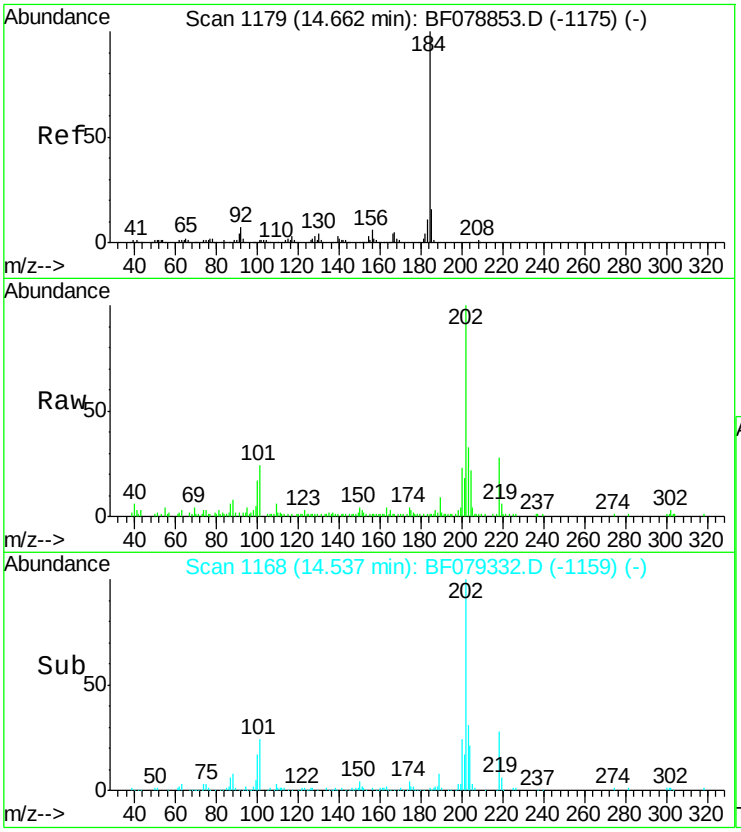


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.55 min Scan# 1344
Delta R.T. 0.05 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:240 Resp: 6936

Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.6	12.8#
236	15.0	21.0	31.6#



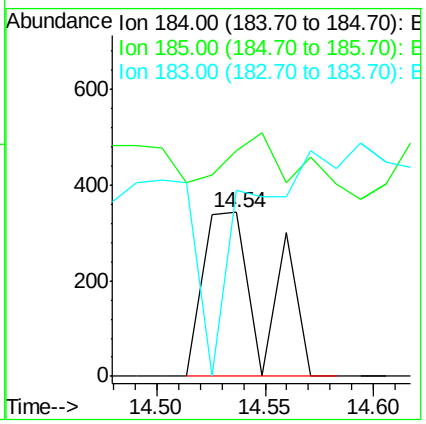


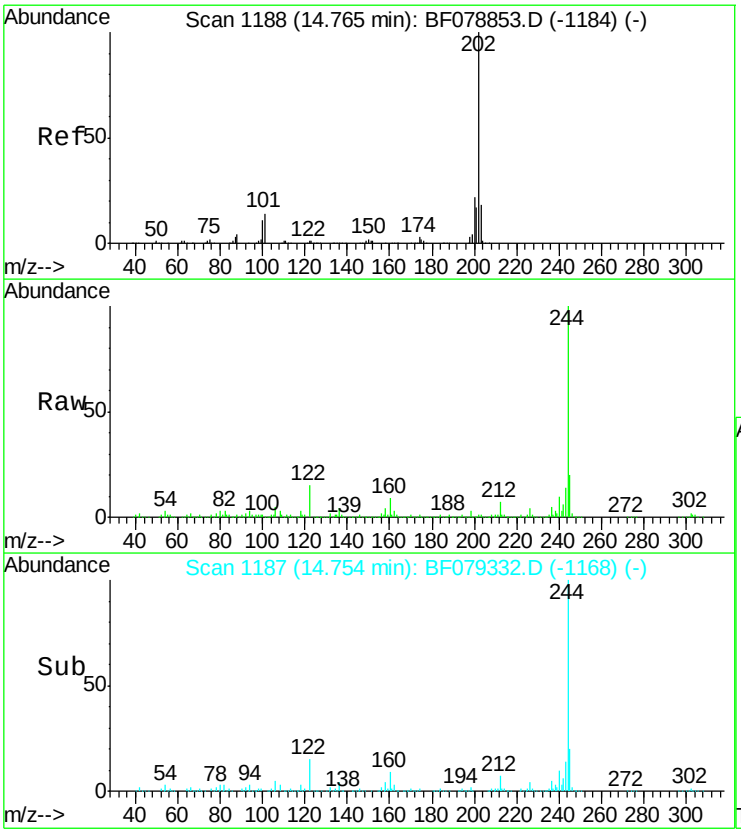
#76
Benzidine
Concen: 3.61 ng
RT: 14.54 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:184 Resp: 674

Ion	Ratio	Lower	Upper
184	100		
185	137.3	12.8	19.2#
183	113.4	9.0	13.4#

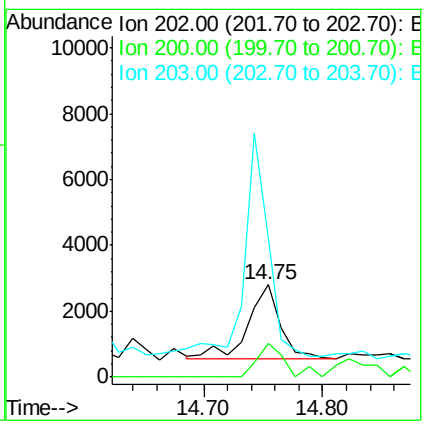


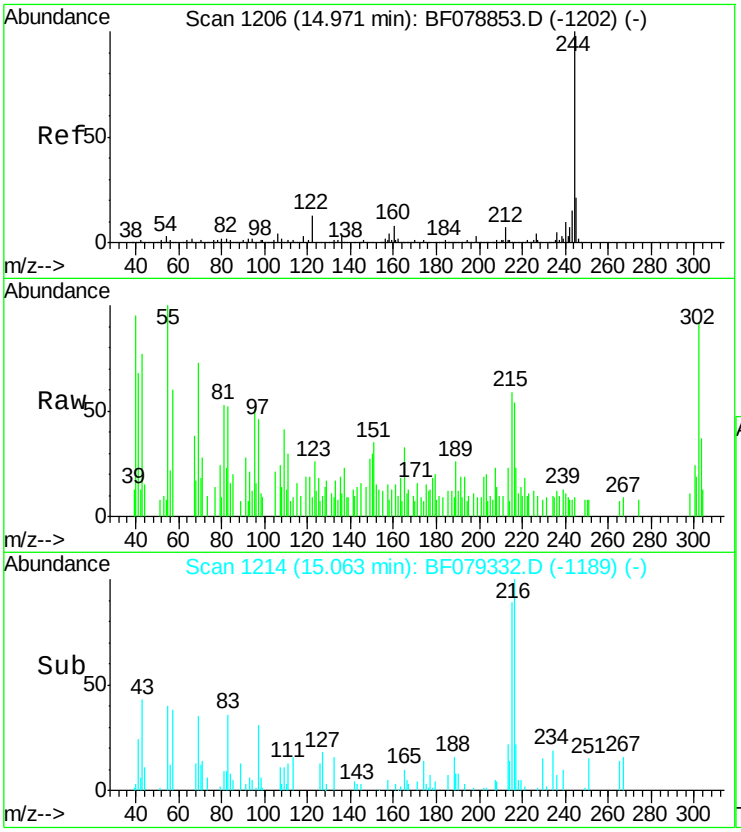


#77
Pyrene
Concen: 10.82 ng
RT: 14.75 min Scan# 1187
Delta R.T. 0.07 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:202 Resp: 4324

Ion	Ratio	Lower	Upper
202	100		
200	36.2	17.5	26.3#
203	149.3	14.7	22.1#



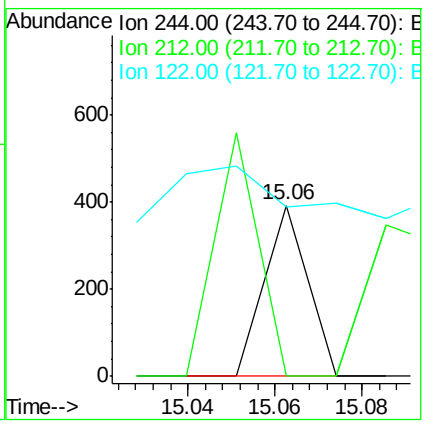


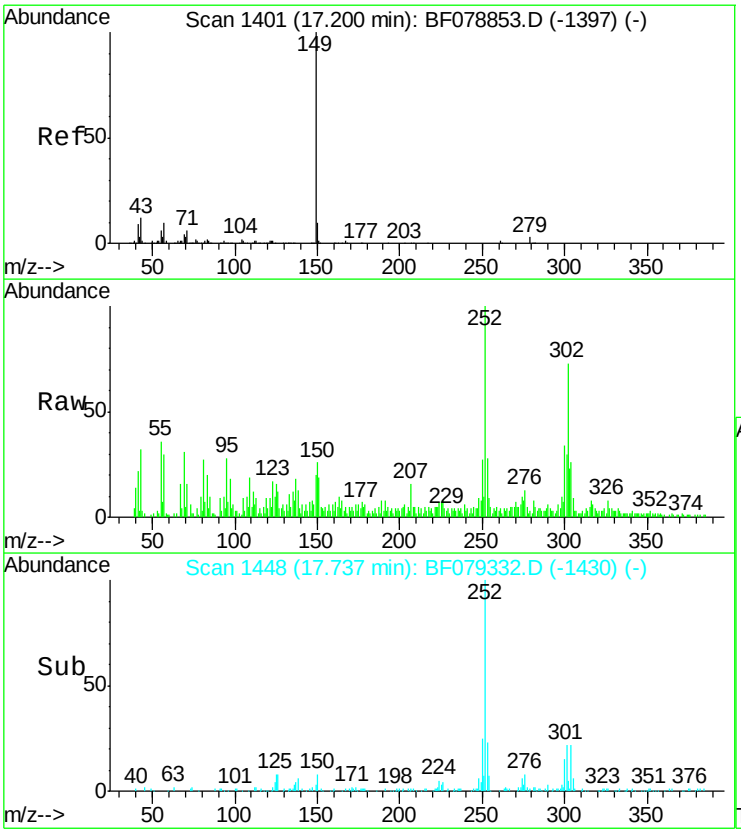
#78
Terphenyl-d14
Concen: 0.93 ng
RT: 15.06 min Scan# 1214
Delta R.T. 0.14 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:244 Resp: 269

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.6	8.4#
122	99.5	10.5	15.7#

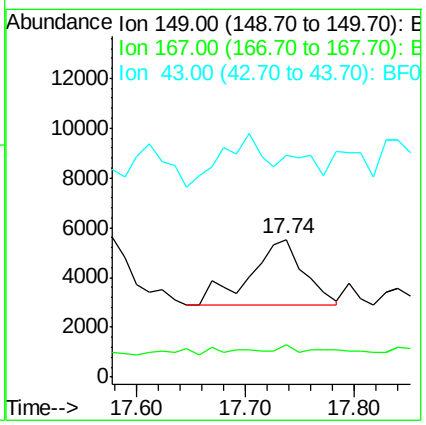


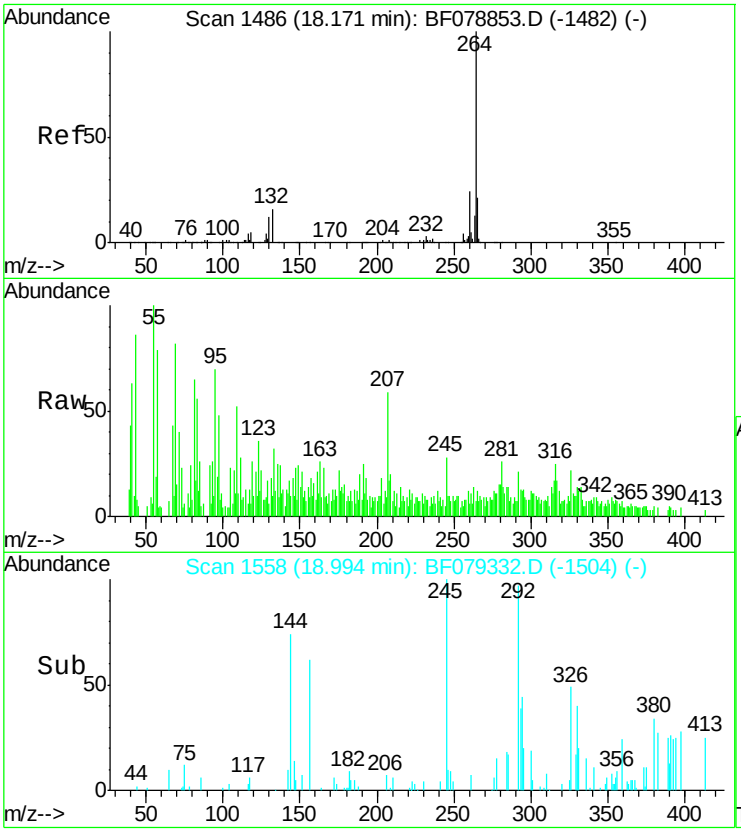


#84
Di-n-octyl phthalate
Concen: 19.46 ng
RT: 17.74 min Scan# 1448
Delta R.T. 0.03 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:149 Resp: 9068

Ion	Ratio	Lower	Upper
149	100		
167	2.9	1.2	1.8#
43	19.9	9.0	13.6#



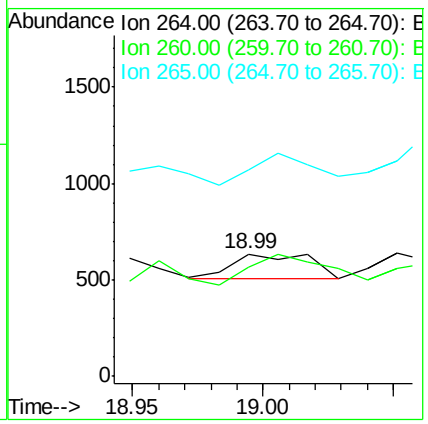


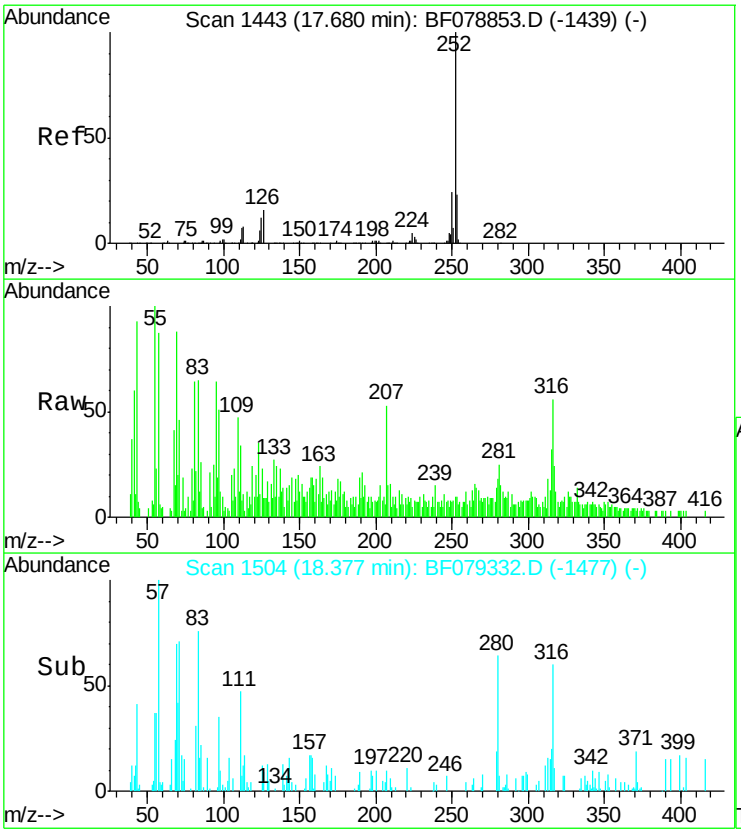
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.99 min Scan# 1558
Delta R.T. 0.11 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:264 Resp: 262

Ion	Ratio	Lower	Upper
264	100		
260	89.0	19.2	28.8#
265	168.9	17.2	25.8#

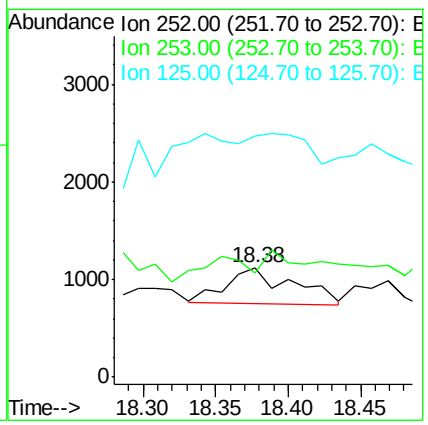


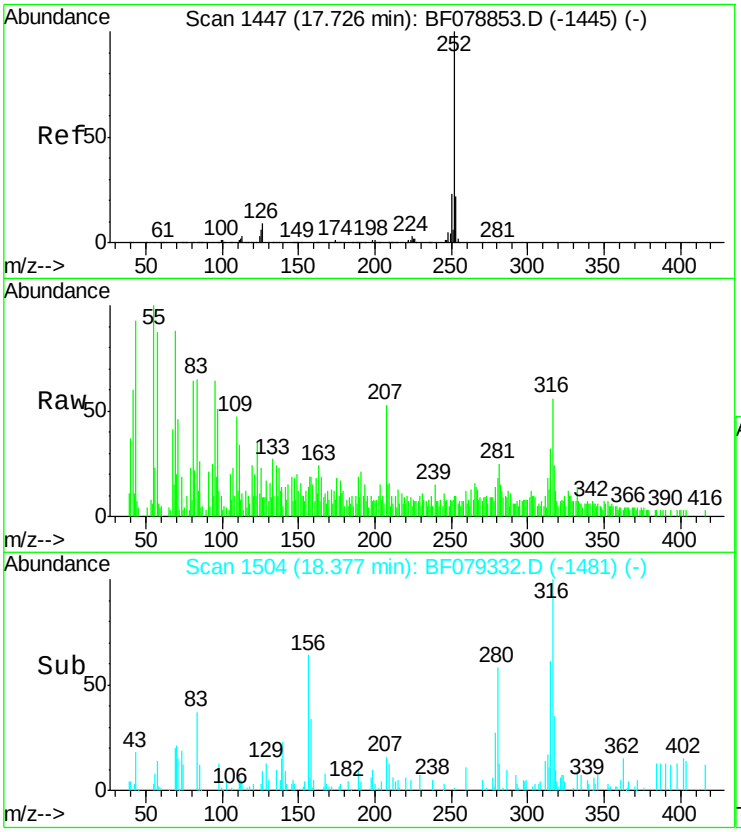


#87
Benzo(b)fluoranthene
Concen: 79.70 ng
RT: 18.38 min Scan# 1504
Delta R.T. 0.13 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:252 Resp: 1143

Ion	Ratio	Lower	Upper
252	100		
253	94.8	18.1	27.1#
125	220.1	9.4	14.2#



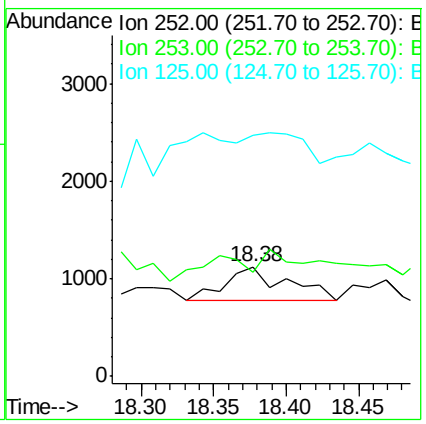


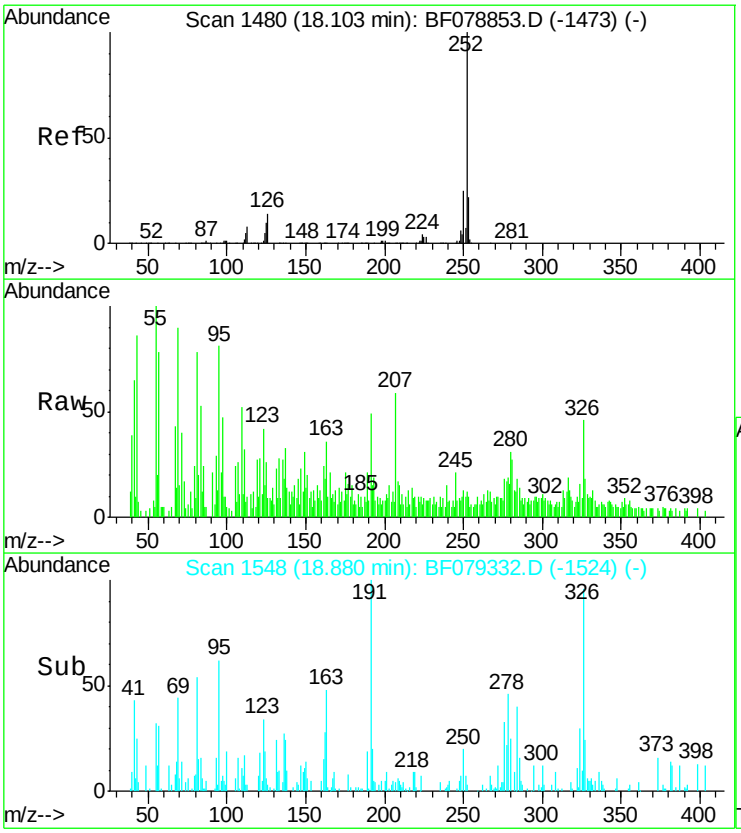
#88
Benzo(k)fluoranthene
Concen: 72.54 ng
RT: 18.38 min Scan# 1504
Delta R.T. 0.08 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:252 Resp: 1007

Ion	Ratio	Lower	Upper
252	100		
253	94.8	17.4	26.0#
125	220.1	6.1	9.1#

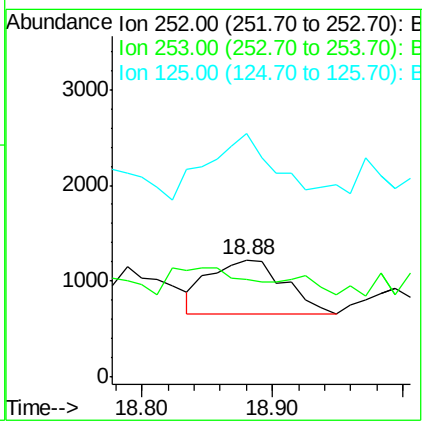


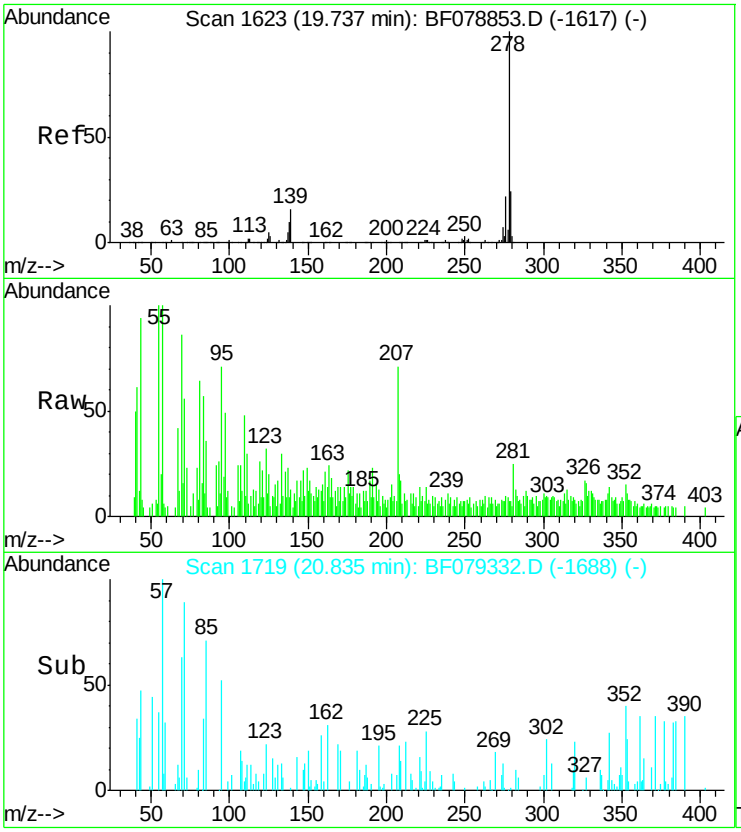


#89
Benzo(a)pyrene
Concen: 174.71 ng
RT: 18.88 min Scan# 1548
Delta R.T. 0.09 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:252 Resp: 2307

Ion	Ratio	Lower	Upper
252	100		
253	83.2	18.0	27.0#
125	208.3	8.2	12.2#



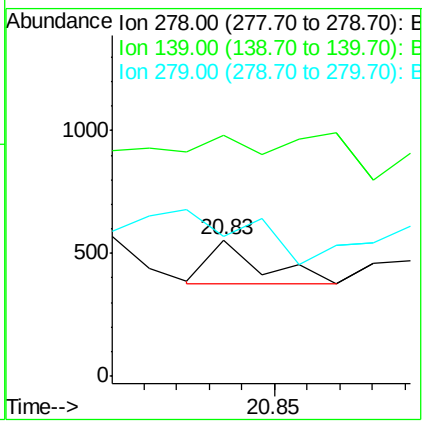


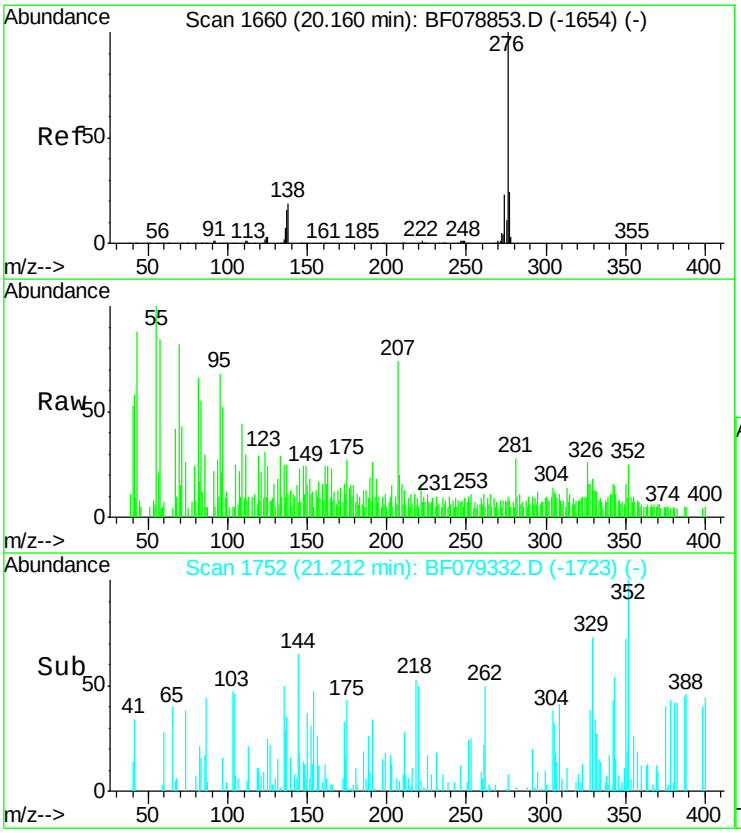
#90
Dibenzo(a,h)anthracene
Concen: 14.11 ng
RT: 20.83 min Scan# 1719
Delta R.T. 0.15 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Instrument :
BNA_F
ClientSampleId :
WC-02-D1

Tgt Ion:278 Resp: 198

Ion	Ratio	Lower	Upper
278	100		
139	176.6	13.1	19.7#
279	102.3	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 61.07 ng
RT: 21.21 min Scan# 1752
Delta R.T. 0.13 min
Lab File: BF079332.D
Acq: 19 May 2015 4:55

Tgt Ion:276 Resp: 859

Ion	Ratio	Lower	Upper
276	100		
277	84.7	18.8	28.2#
138	110.8	15.2	22.8#