Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079304.D
Acq On : 16 May 2015 10:06
Operator : TP/IZ
Sample : G2251-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-15-F1

Quant Time: May 18 01:00:40 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	8.75	136	279675	20.00	ng		-0.05
38) Acenaphthene-d10	10.92	164	133027	20.00	ng		-0.05
63) Phenanthrene-d10	12.77	188	239648	20.00	ng		-0.06
75) Chrysene-d12	16.06	240	244444	20.00	ng		-0.45
86) Perylene-d12	18.33	264	1686	20.00	ng		-0.55
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.75	99	412435	0.00	ng		-0.03
23) Nitrobenzene-d5	7.87	82	316219	64.98	ng		-0.05
41) 2,4,6-Tribromophenol	11.91	330	145534	101.13	ng		-0.05
44) 2-Fluorobiphenyl	10.10	172	593643	62.17	ng		-0.05
78) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
22) Acetophenone	7.69	105	14026	2.22	ng	#	87
31) Naphthalene	8.79	128	898566	67.43	ng		98
32) Benzoic acid	8.43	122	422	6.46	ng	#	1
37) 2-Methylnaphthalene	9.64	142	165373	17.91	ng		98
45) 1,1'-Biphenyl	10.23	154	66202	6.26	ng		99
48) Acenaphthylene	10.75	152	46979	3.47	ng		97
49) Dimethylphthalate	10.60	163	55118	5.65	ng		100
53) 2,4-Dinitrophenol	10.95	184	1322	3.90	ng	#	64
57) Fluorene	11.61	166	31229	3.26	ng		98
70) Phenanthrene	12.80	178	97555	7.28	ng		99
74) Fluoranthene	14.27	202	70520	5.05	ng		93
77) Pyrene	14.27	202	70520	5.01	ng		96
87) Benzo(b)fluoranthene	17.73	252	16065	174.08	ng		96
88) Benzo(k)fluoranthene	17.73	252	16904	189.21	ng	#	91
89) Benzo(a)pyrene	18.35	252	251	2.95	ng	#	1

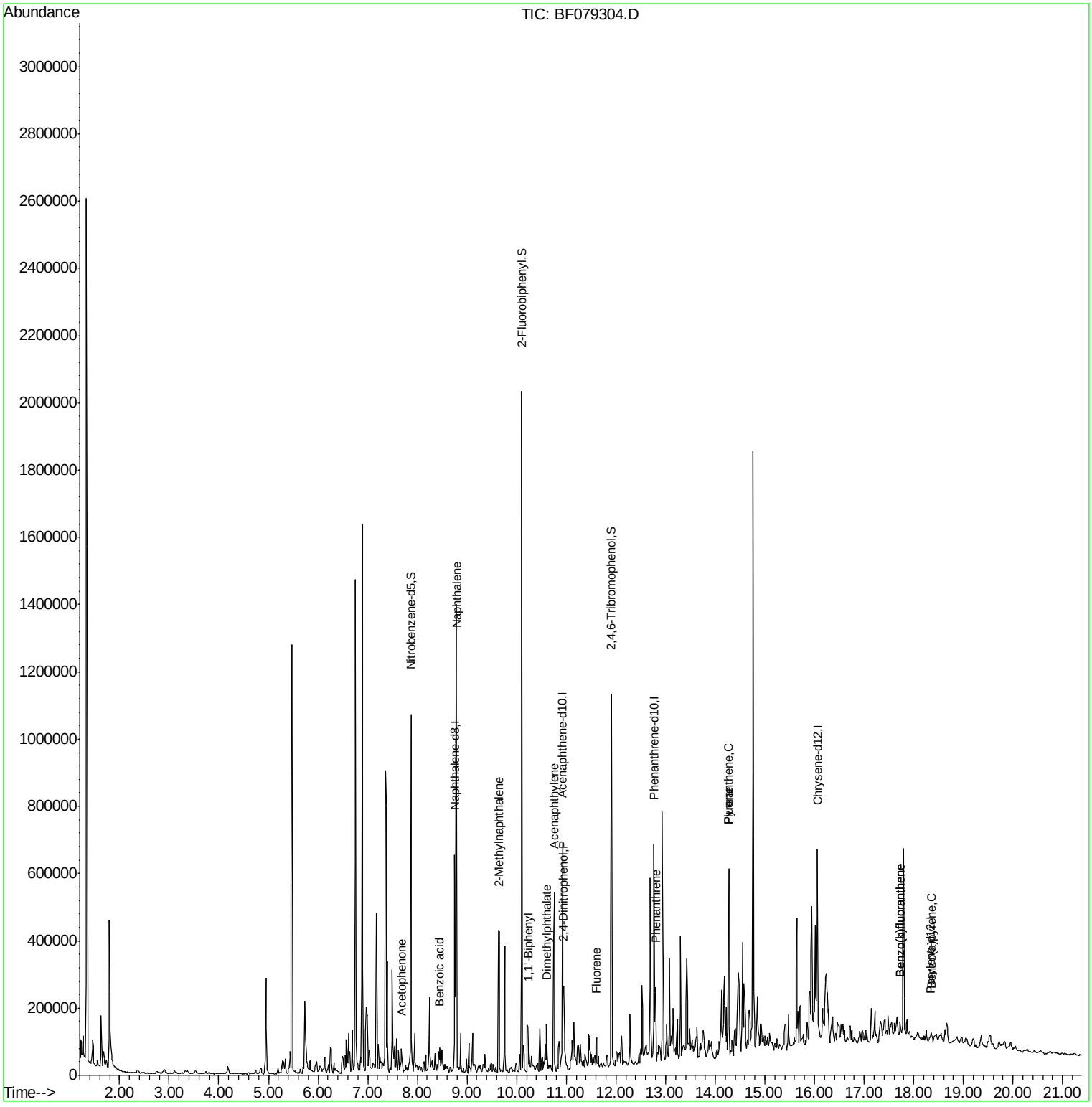
(#) = qualifier out of range (m) = manual integration (+) = signals summed

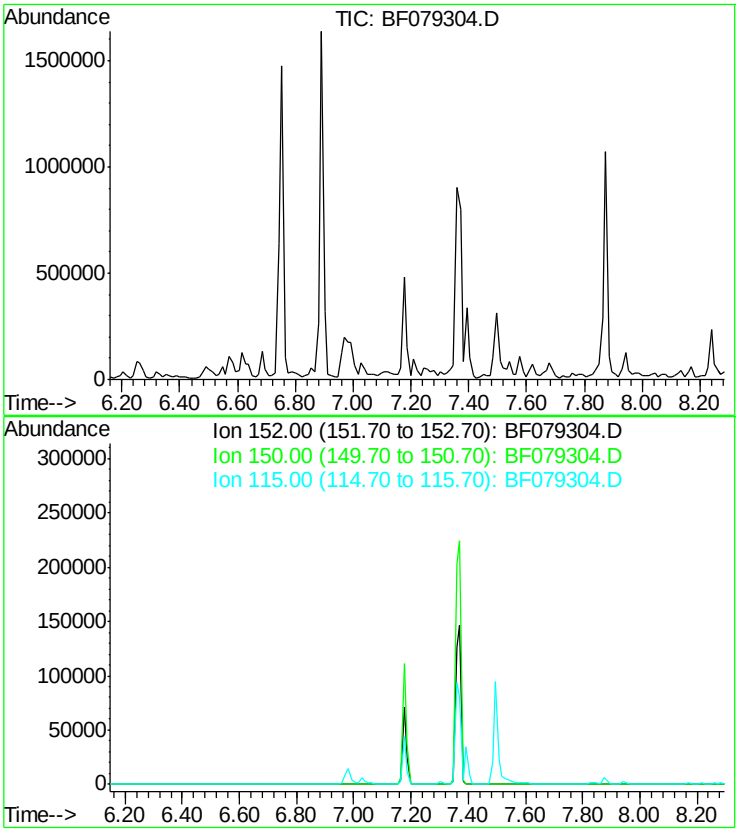
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
Data File : BF079304.D
Acq On : 16 May 2015 10:06
Operator : TP/IZ
Sample : G2251-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Quant Time: May 18 01:00:40 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





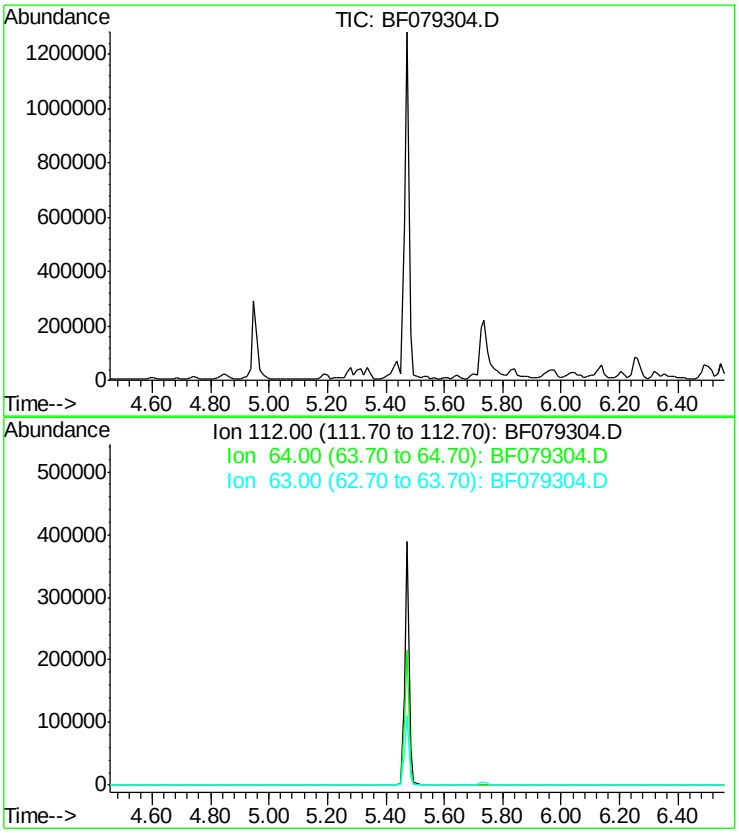
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 7.22 min

Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	154.8
115	61.7

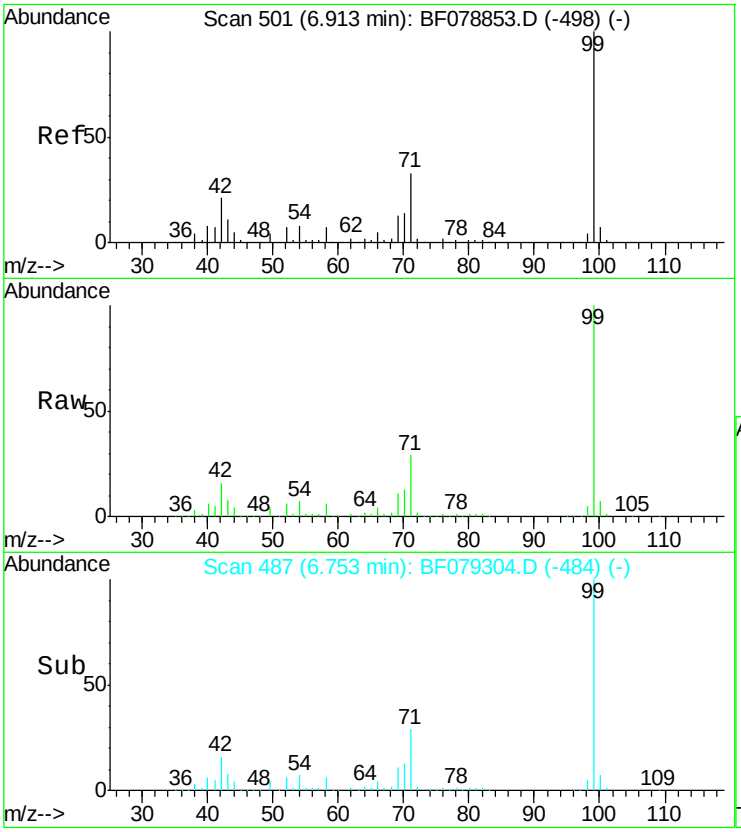


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.51 min

Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4

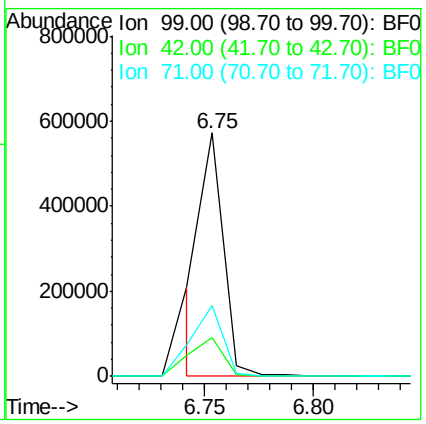


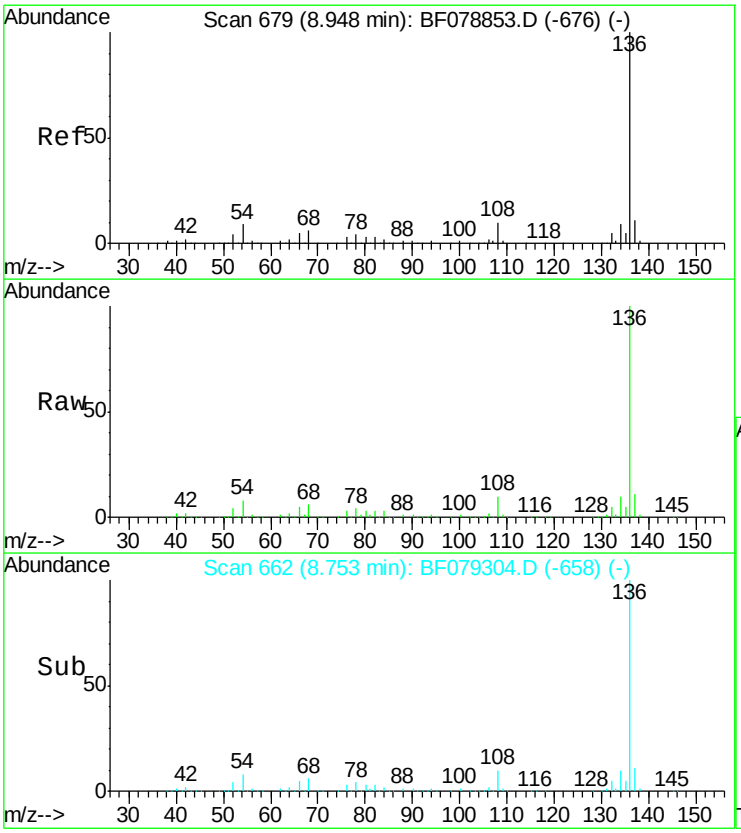
#7
Phenol-d6
Concen: 0.00 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion: 99 Resp: 412435

Ion	Ratio	Lower	Upper
99	100		
42	15.9	17.1	25.7#
71	29.3	26.3	39.5

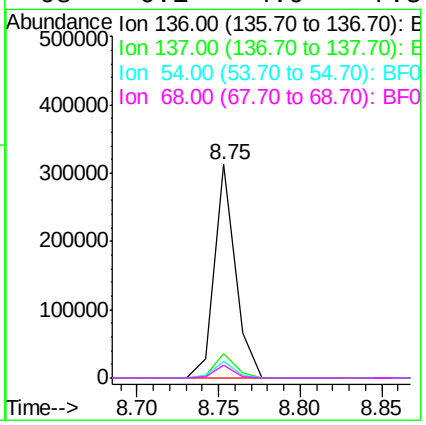


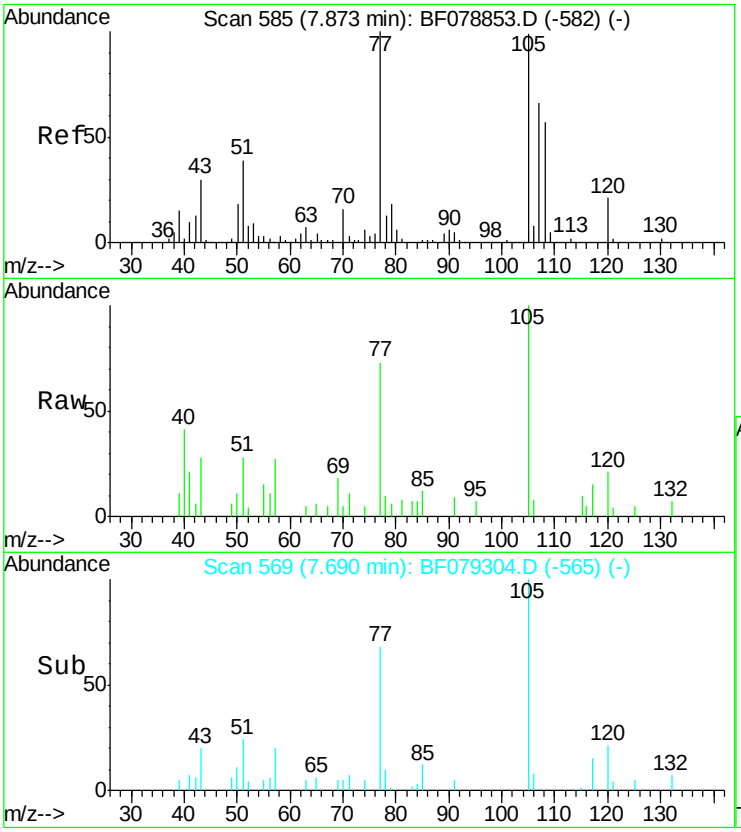


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 662
Delta R.T. -0.05 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion:136 Resp: 279675

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.0	6.9	10.3
68	6.1	4.9	7.3



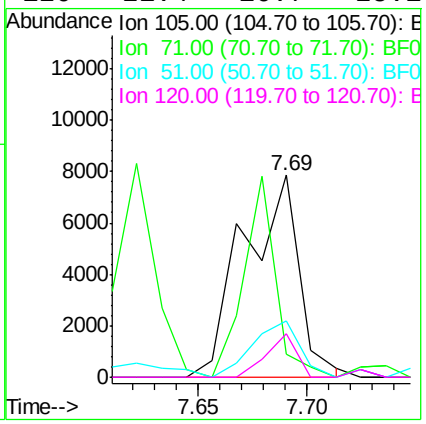


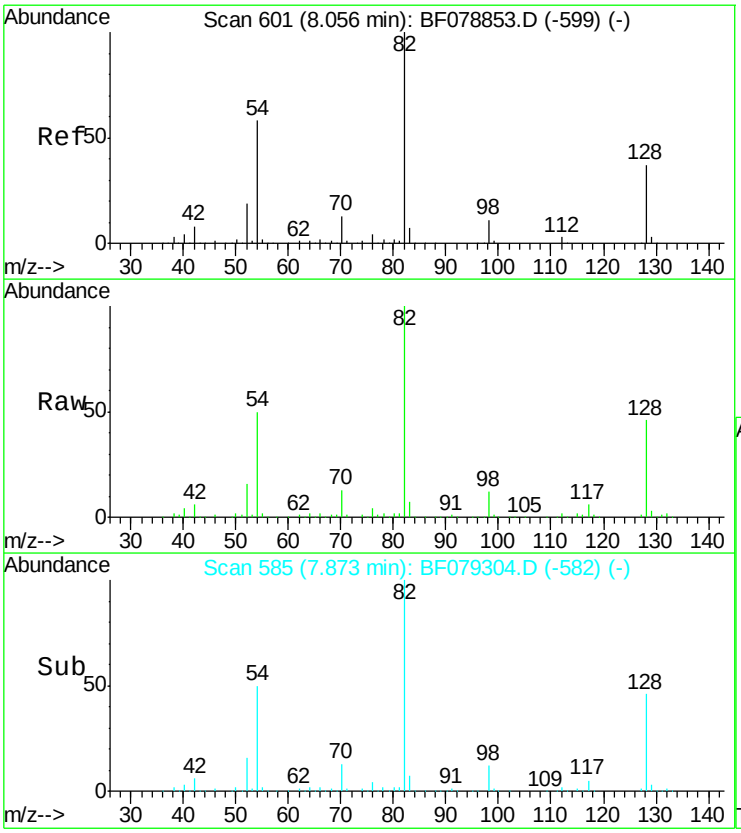
#22
Acetophenone
Concen: 2.22 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion:105 Resp: 14026

Ion	Ratio	Lower	Upper
105	100		
71	11.4	2.2	3.4#
51	27.8	31.1	46.7#
120	21.4	16.7	25.1

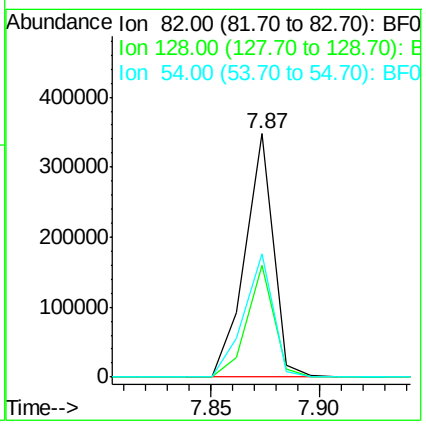


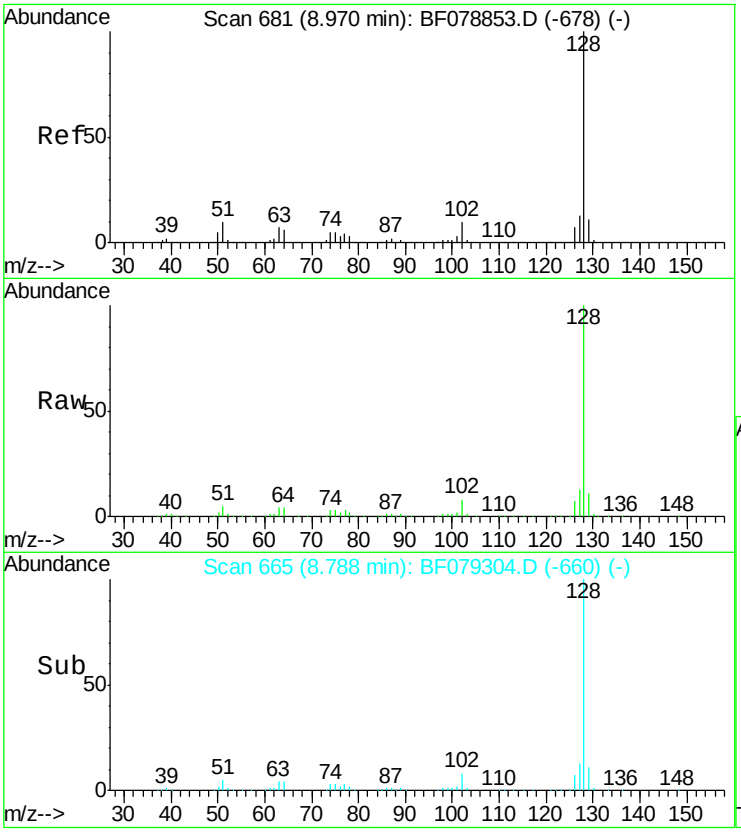


#23
Nitrobenzene-d5
Concen: 64.98 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.05 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion: 82 Resp: 316219

Ion	Ratio	Lower	Upper
82	100		
128	46.0	29.7	44.5#
54	50.5	46.2	69.4



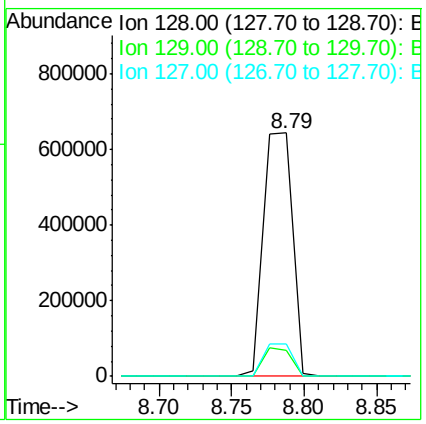


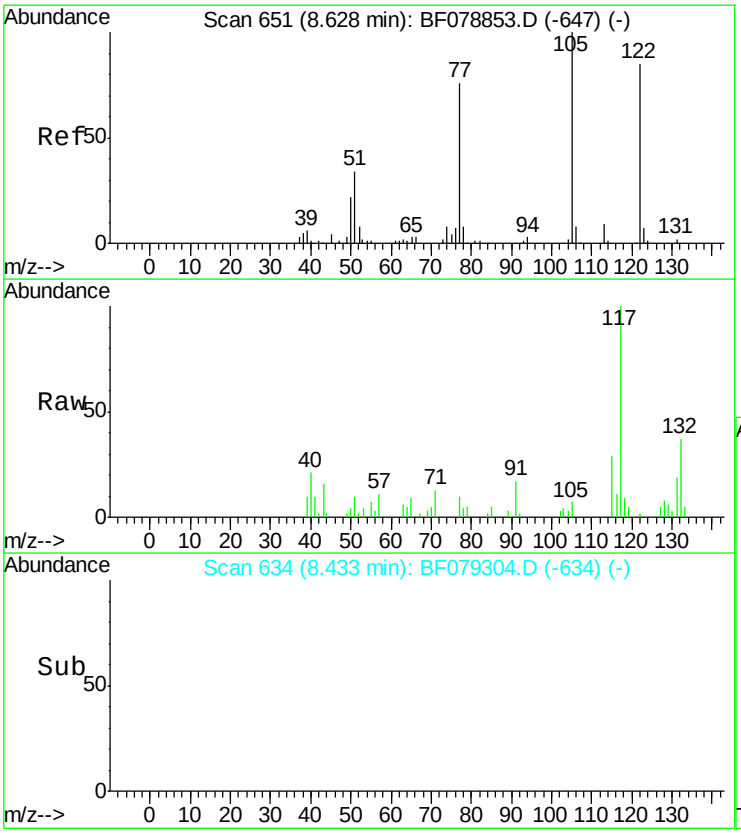
#31
Naphthalene
Concen: 67.43 ng
RT: 8.79 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion:128 Resp: 898566

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.2	13.8
127	13.3	10.3	15.5

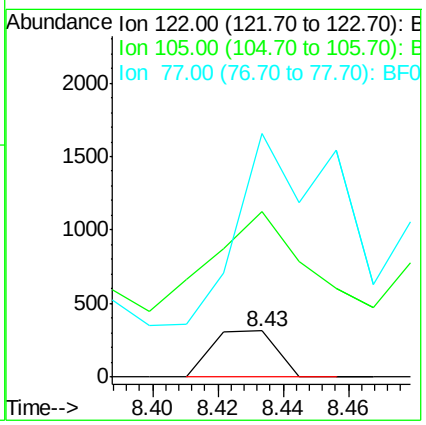


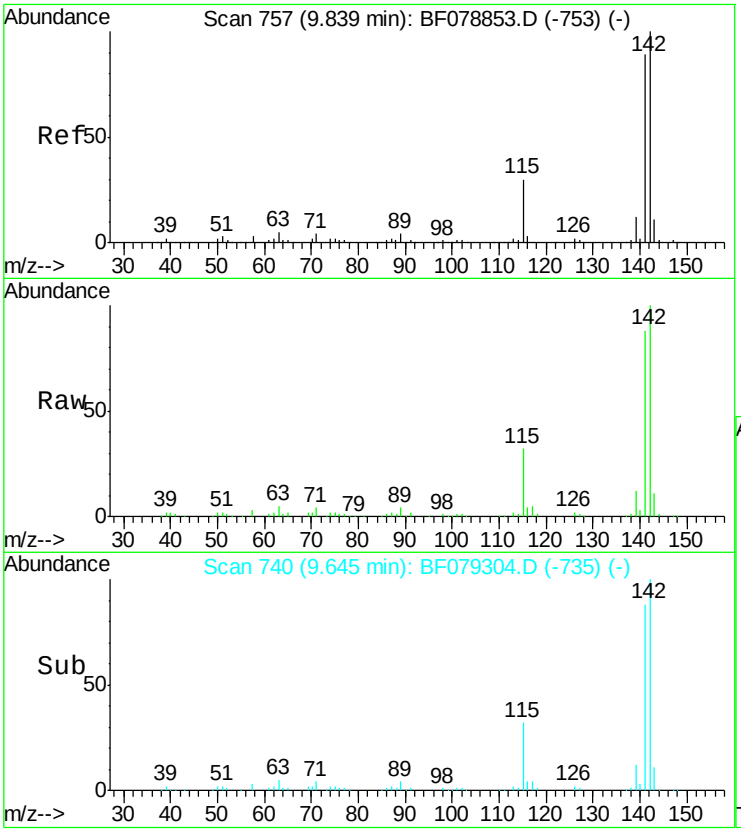


#32
Benzoic acid
Concen: 6.46 ng
RT: 8.43 min Scan# 634
Delta R.T. -0.08 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion:122 Resp: 422

Ion	Ratio	Lower	Upper
122	100		
105	360.9	100.7	140.7#
77	530.8	72.0	112.0#



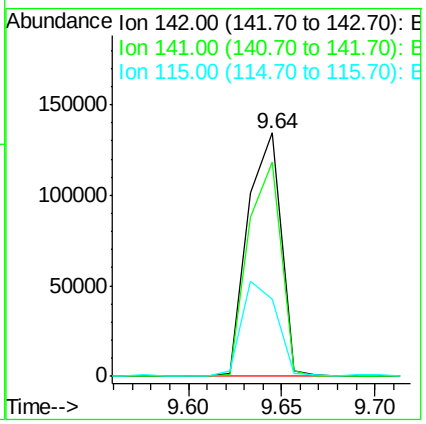


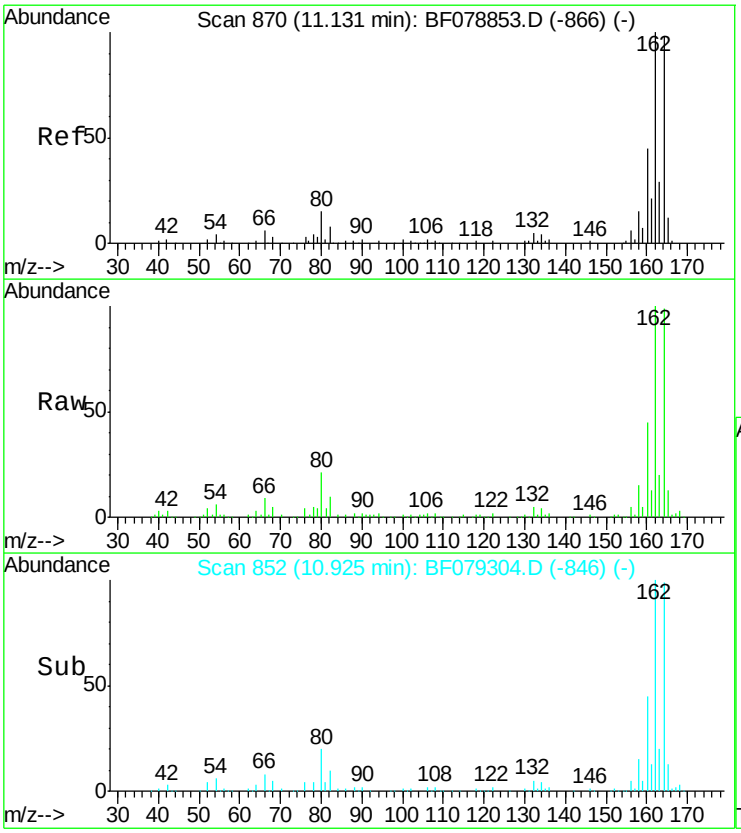
#37
2-Methylnaphthalene
Concen: 17.91 ng
RT: 9.64 min Scan# 740
Delta R.T. -0.03 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion:142 Resp: 165373

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.6	107.4
115	32.0	24.2	36.4

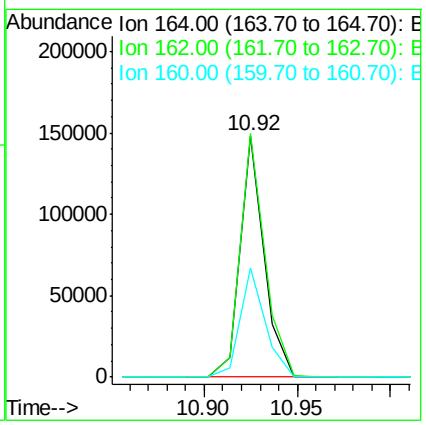


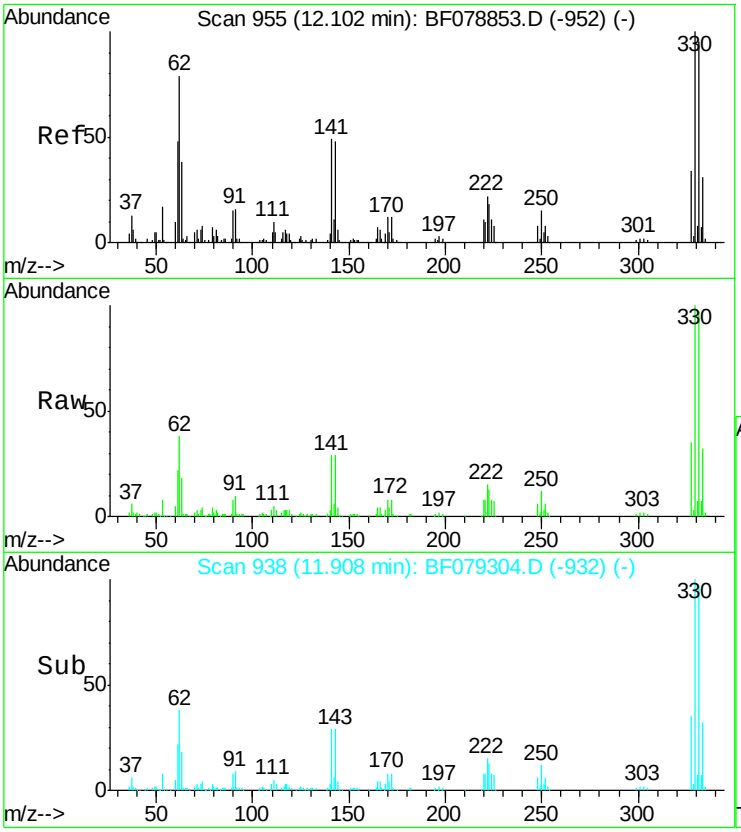


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion:164 Resp: 133027

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	45.4	36.6	54.8



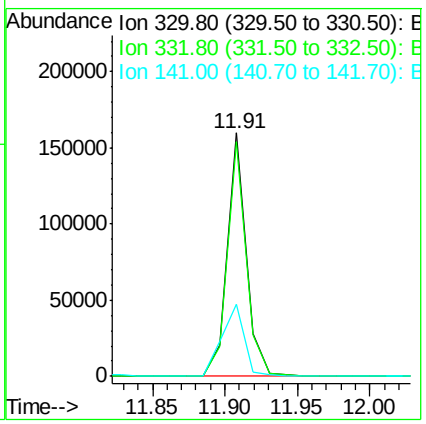


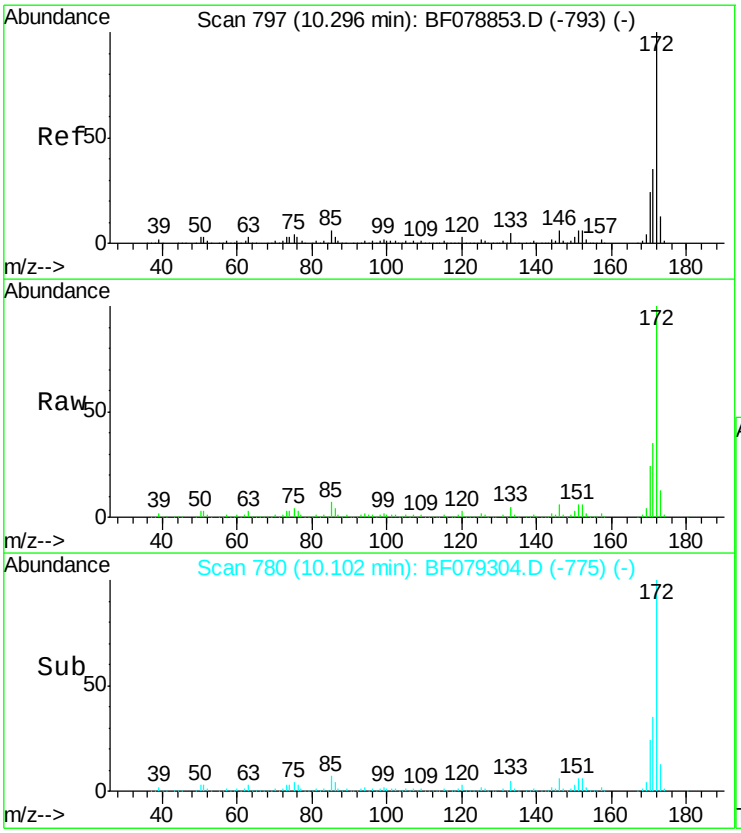
#41
2,4,6-Tribromophenol
Concen: 101.13 ng
RT: 11.91 min Scan# 938
Delta R.T. -0.05 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion:330 Resp: 145534

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	35.6	27.8	41.8

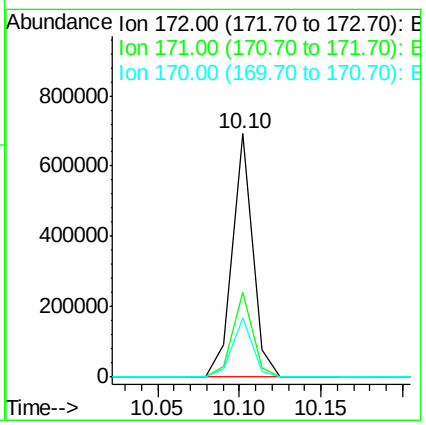


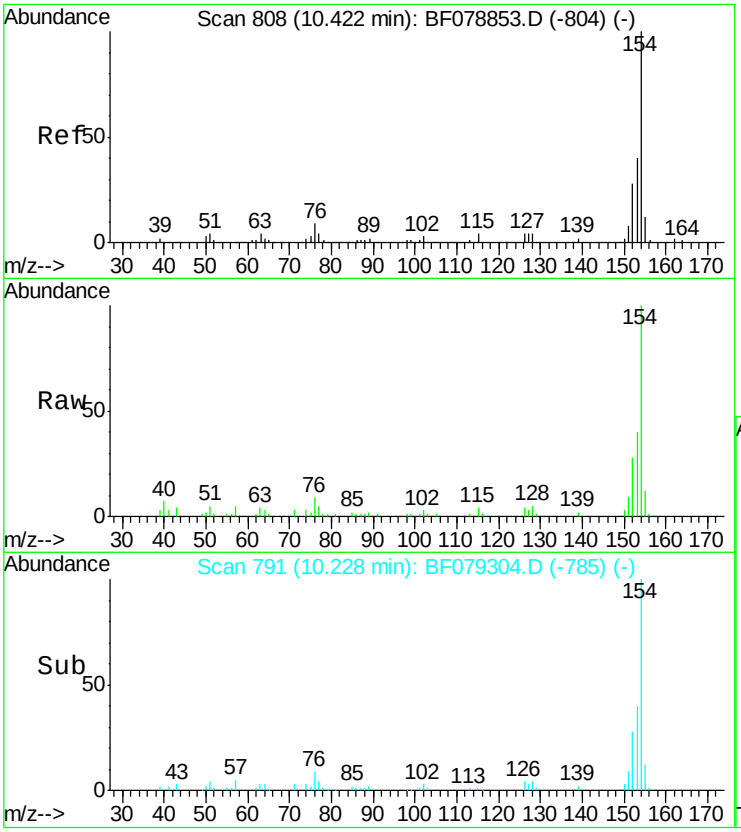


#44
2-Fluorobiphenyl
Concen: 62.17 ng
RT: 10.10 min Scan# 780
Delta R.T. -0.05 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion:172 Resp: 593643

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	24.1	19.4	29.2



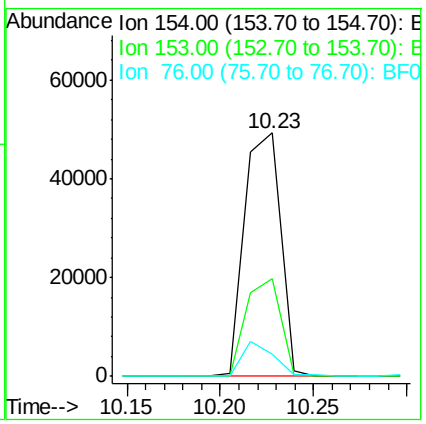


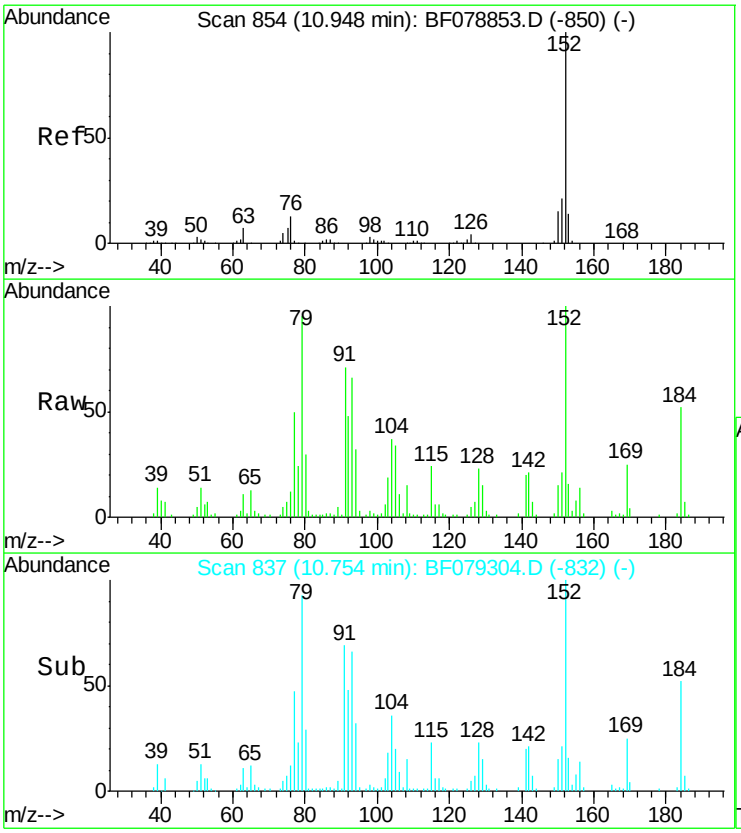
#45
1,1'-Biphenyl
Concen: 6.26 ng
RT: 10.23 min Scan# 791
Delta R.T. -0.03 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion:154 Resp: 66202

Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.7	59.7
76	9.1	0.0	29.1

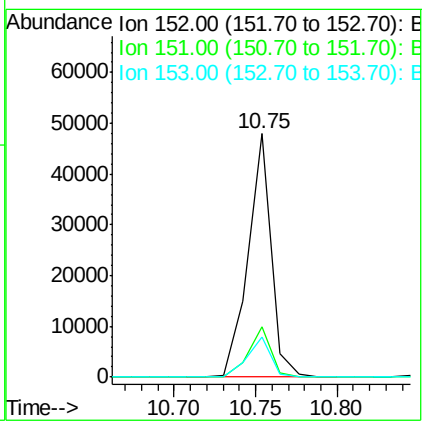


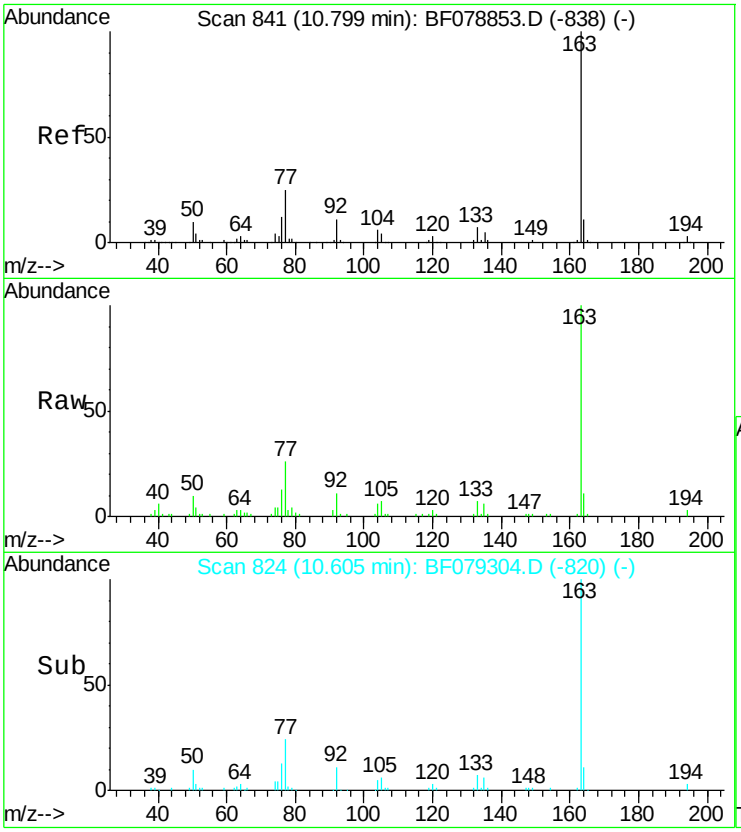


#48
Acenaphthylene
Concen: 3.47 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion:152 Resp: 46979

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	24.8
153	16.5	11.0	16.6



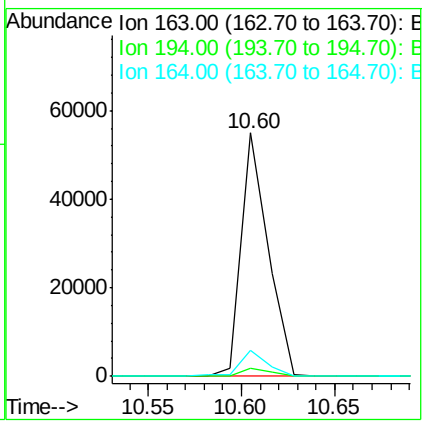


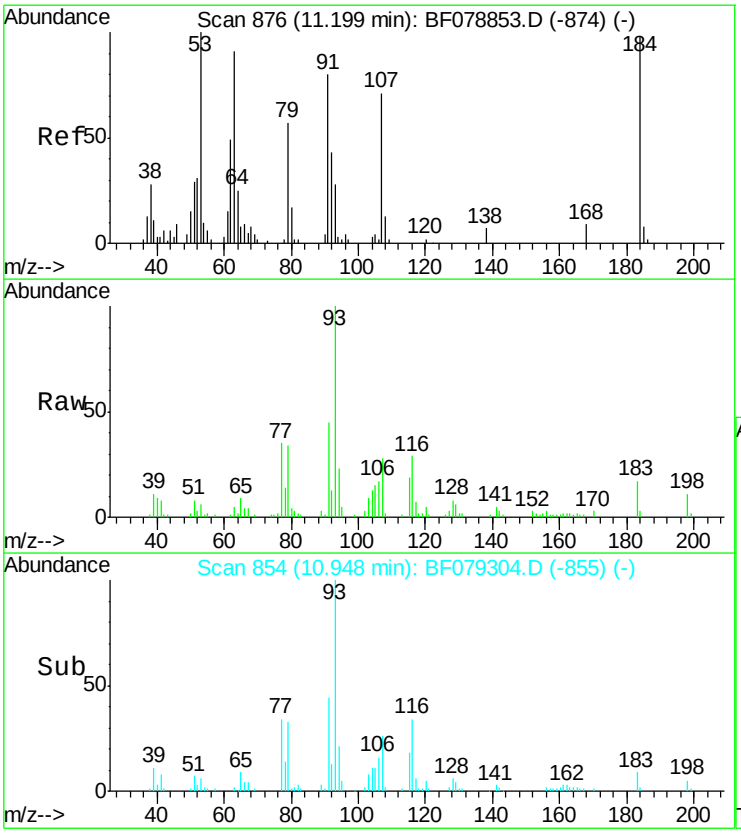
#49
Dimethylphthalate
Concen: 5.65 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.06 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion:163 Resp: 55118

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.4	3.6
164	10.7	8.6	12.8

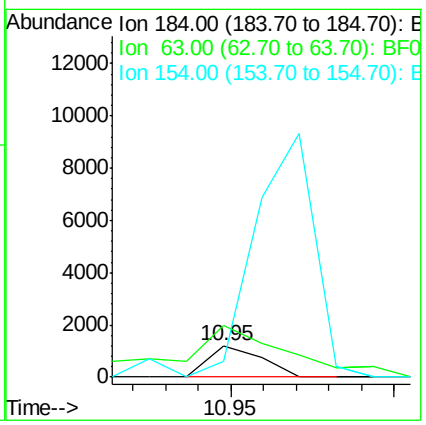


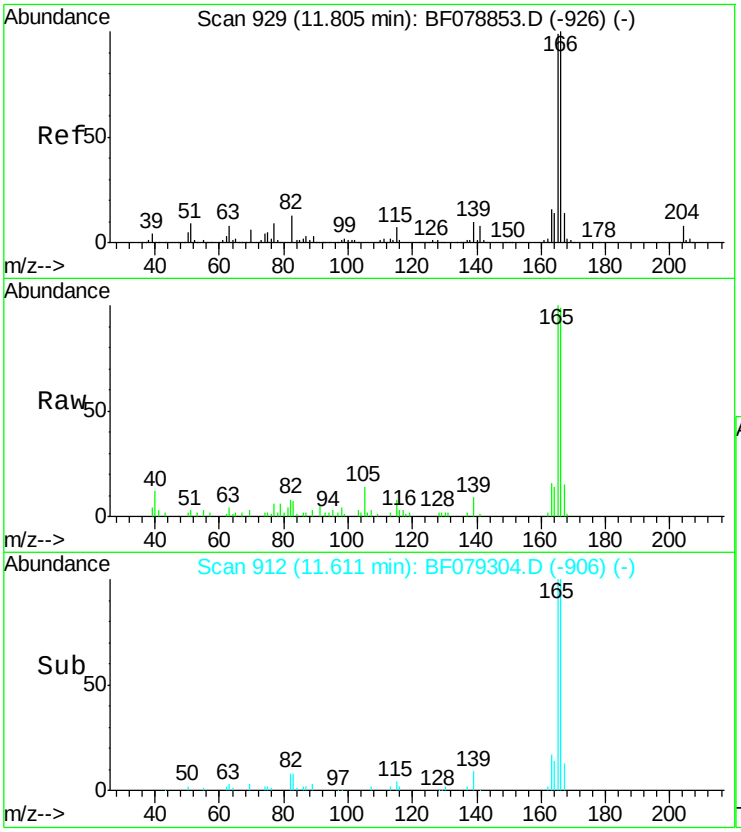


#53
2,4-Dinitrophenol
Concen: 3.90 ng
RT: 10.95 min Scan# 854
Delta R.T. -0.13 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion:184 Resp: 1322

Ion	Ratio	Lower	Upper
184	100		
63	167.1	98.8	148.2#
154	50.4	63.4	95.0#



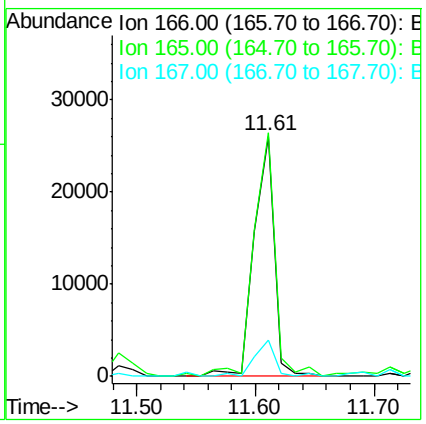


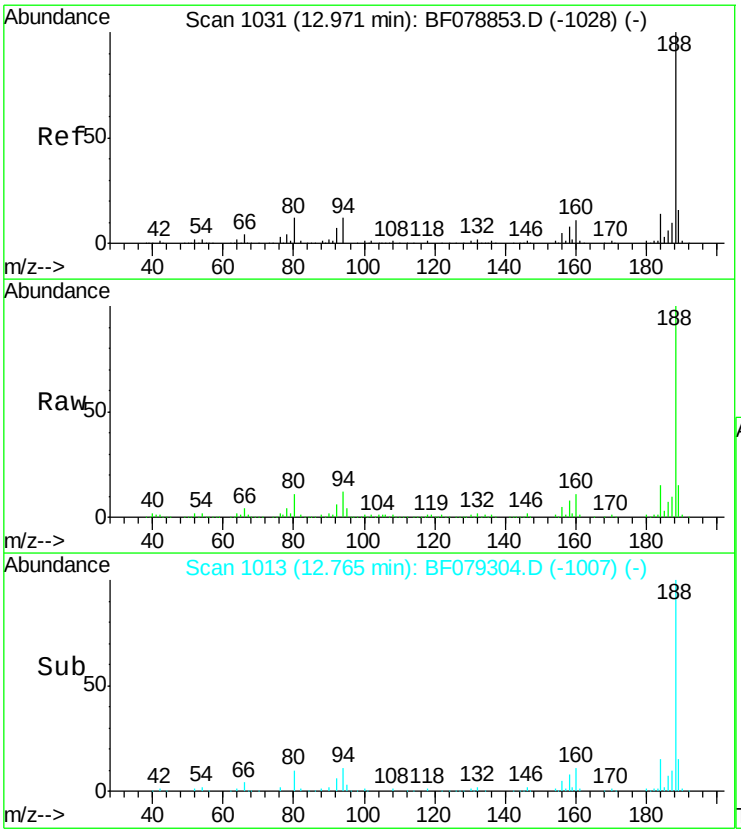
#57
Fluorene
Concen: 3.26 ng
RT: 11.61 min Scan# 912
Delta R.T. -0.05 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion:166 Resp: 31229

Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.5	119.3
167	14.8	11.0	16.6

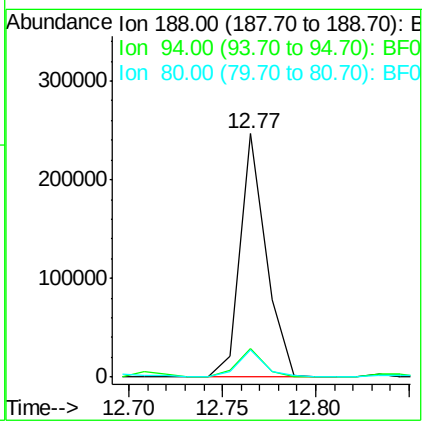


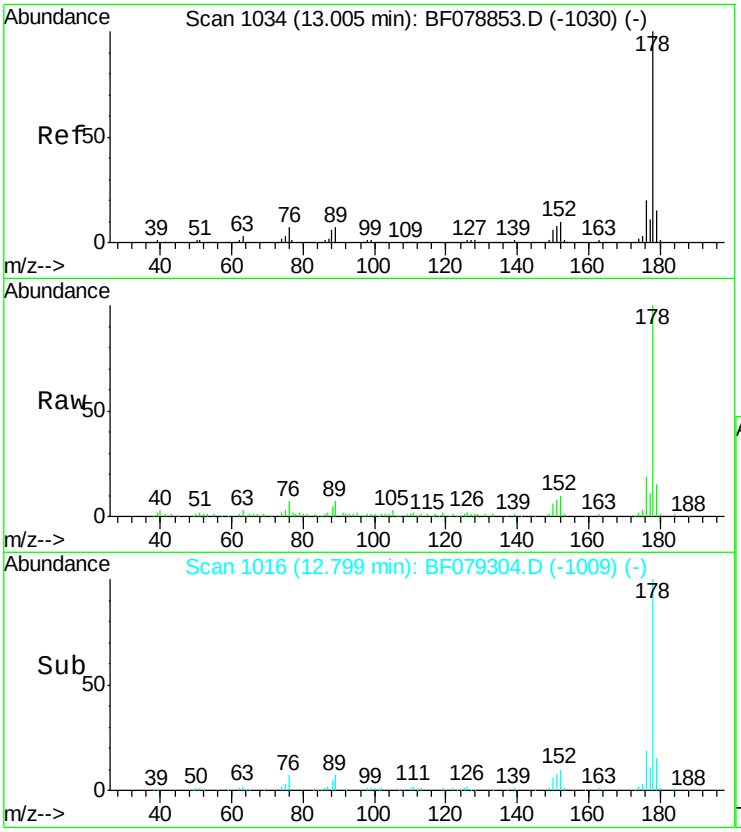


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. -0.06 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion:188 Resp: 239648

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.0
80	11.5	9.8	14.6



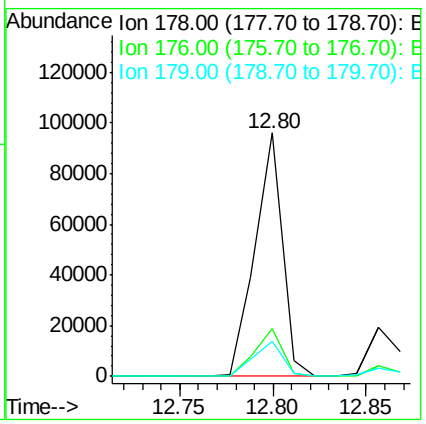


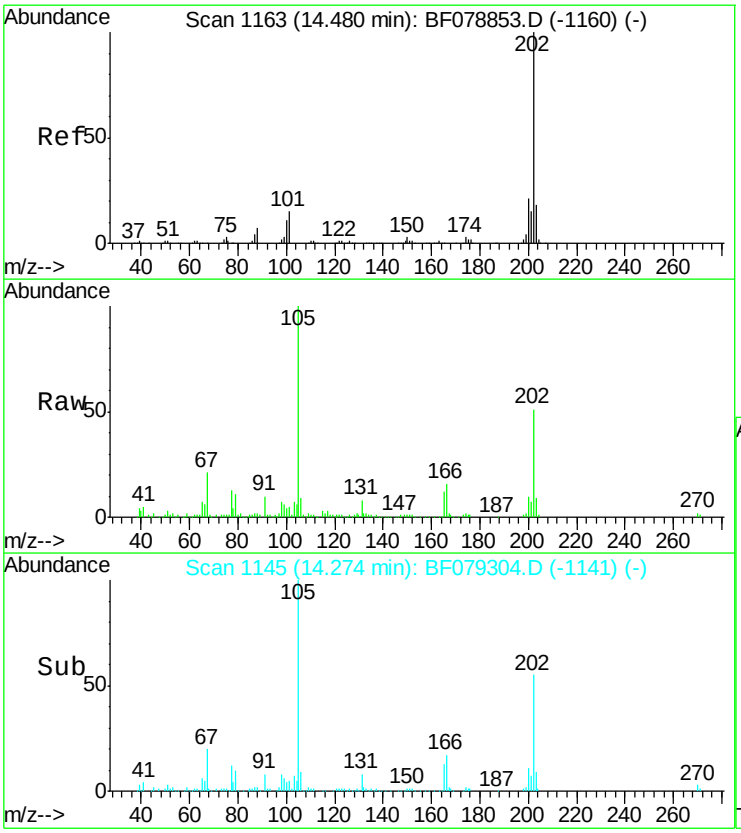
#70
Phenanthrene
Concen: 7.28 ng
RT: 12.80 min Scan# 1016
Delta R.T. -0.05 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion:178 Resp: 97555

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	14.6	12.2	18.4

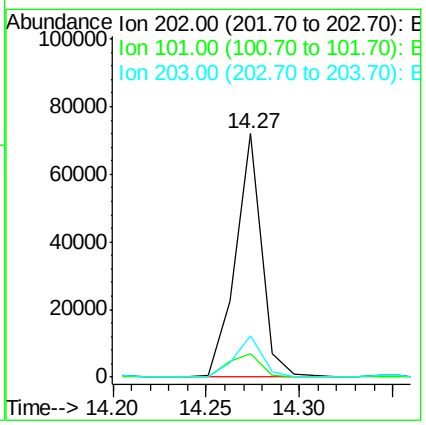


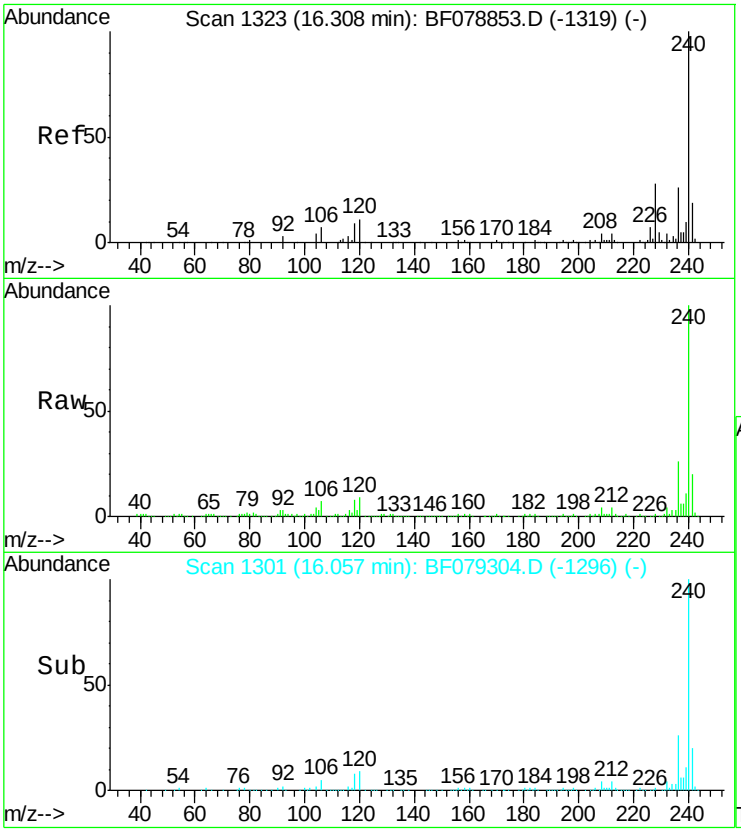


#74
Fluoranthene
Concen: 5.05 ng
RT: 14.27 min Scan# 1145
Delta R.T. -0.10 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion:202 Resp: 70520

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.7
203	16.8	0.0	37.9



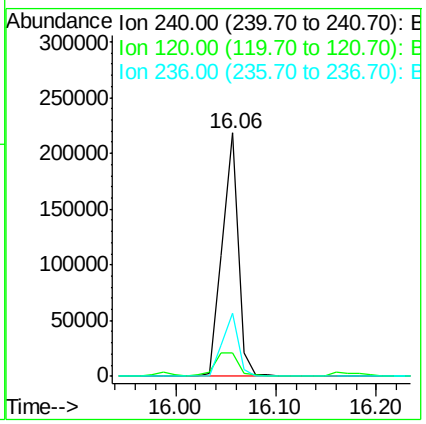


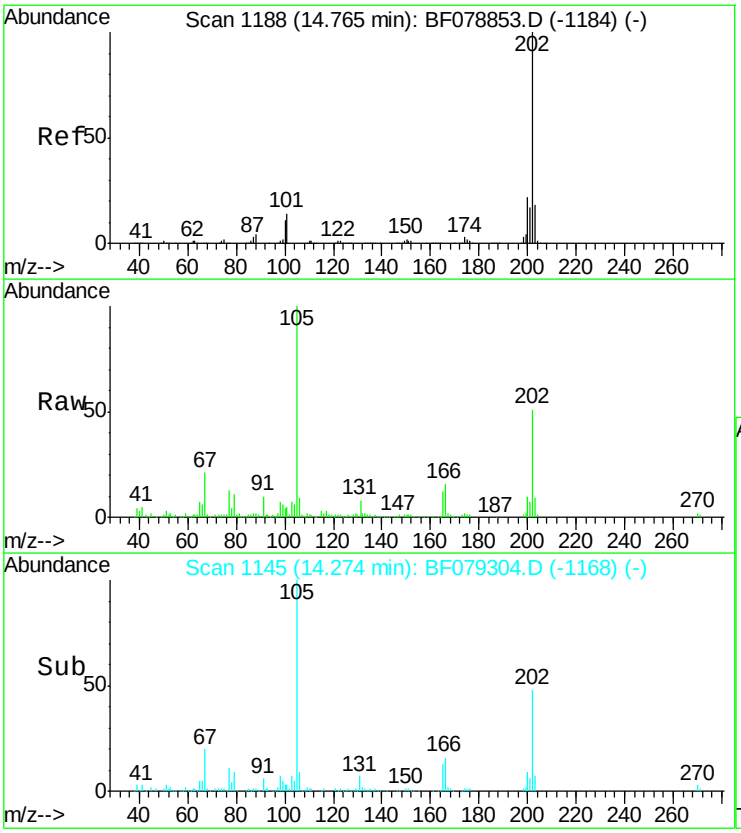
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1301
Delta R.T. -0.45 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion:240 Resp: 244444

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.6	12.8
236	25.8	21.0	31.6

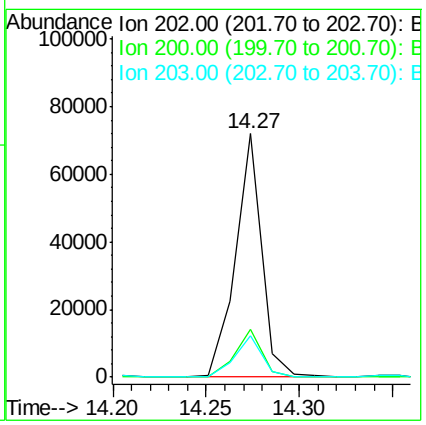


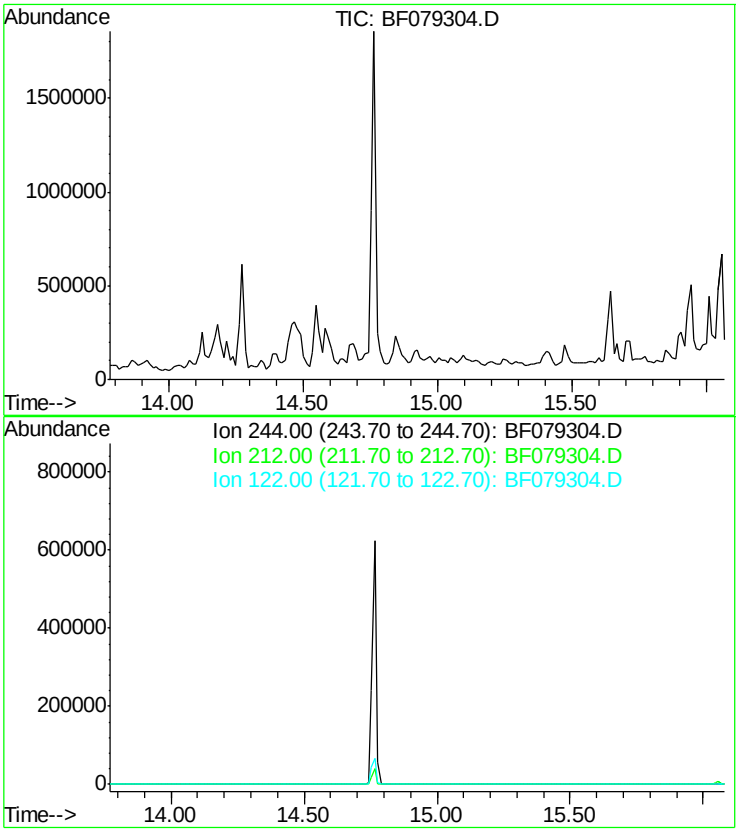


#77
Pyrene
Concen: 5.01 ng
RT: 14.27 min Scan# 1145
Delta R.T. -0.41 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion:202 Resp: 70520

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.5	26.3
203	16.8	14.7	22.1





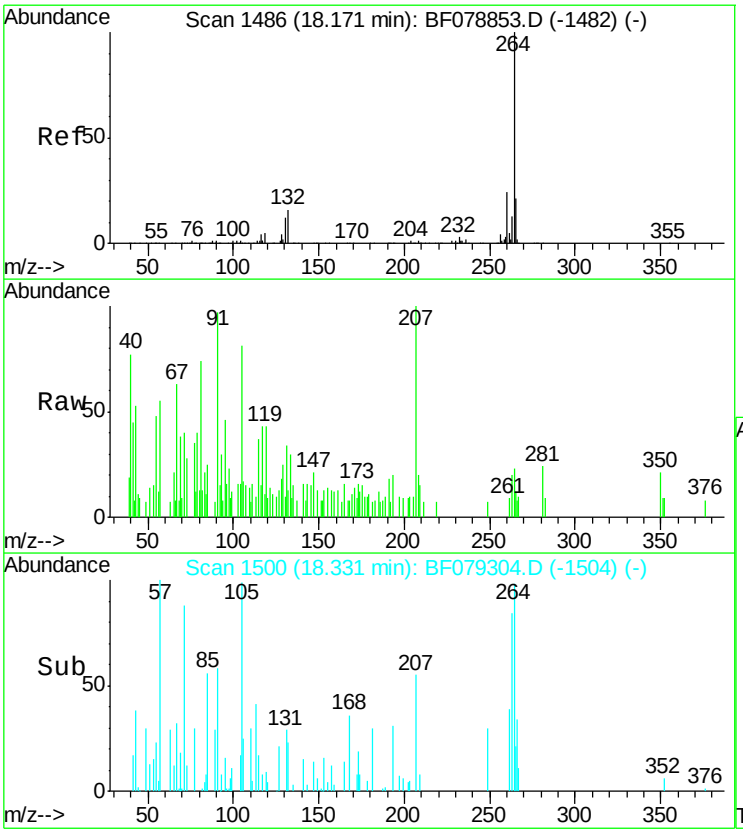
#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 14.93 min

Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	13.1

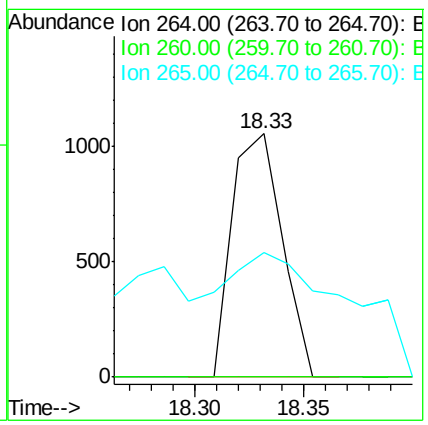
Instrument :
BNA_F
ClientSampleId :
WC-15-F1

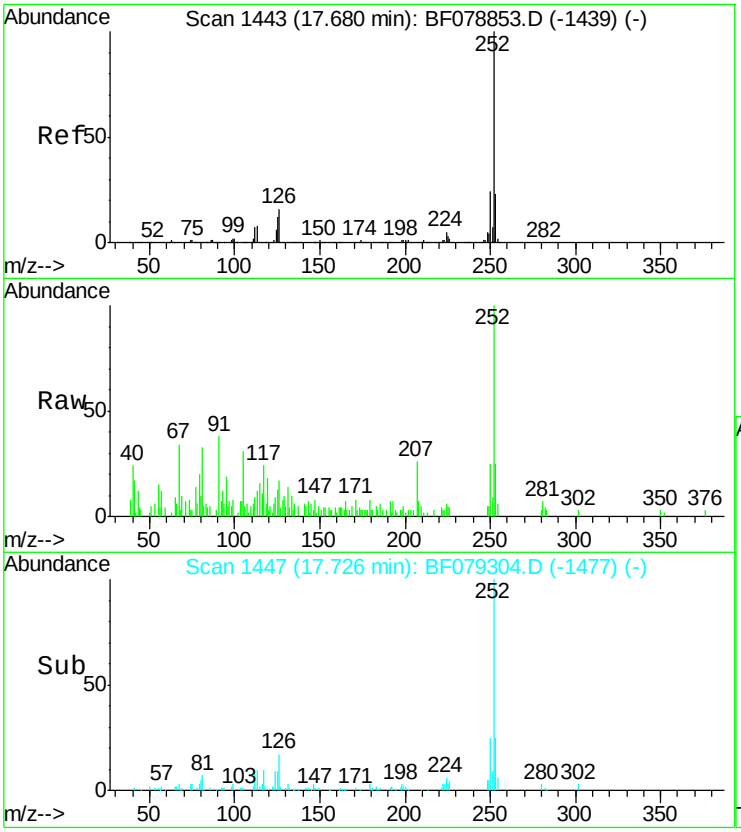


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 1500
Delta R.T. -0.55 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion:264 Resp: 1686

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.2	28.8#
265	51.0	17.2	25.8#



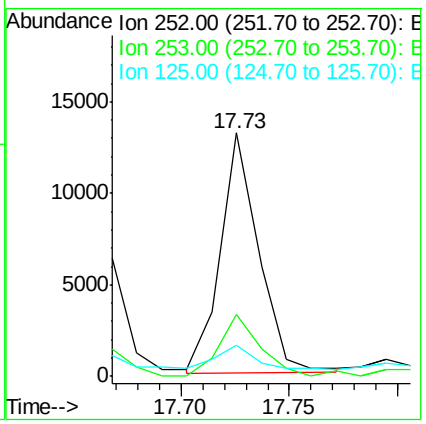


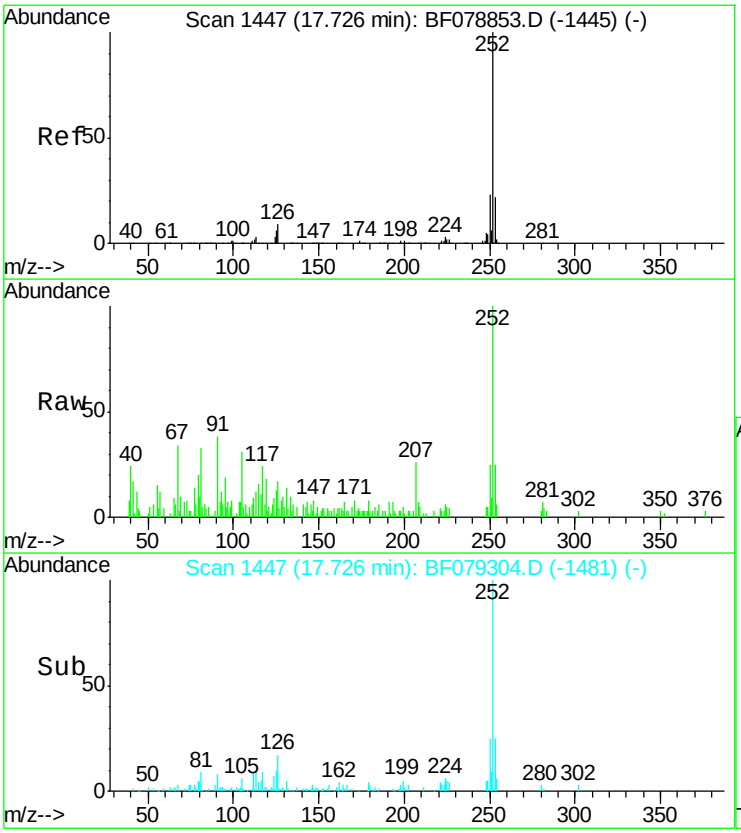
#87
Benzo(b)fluoranthene
Concen: 174.08 ng
RT: 17.73 min Scan# 1447
Delta R.T. -0.53 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion:252 Resp: 16065

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.1	27.1
125	12.5	9.4	14.2

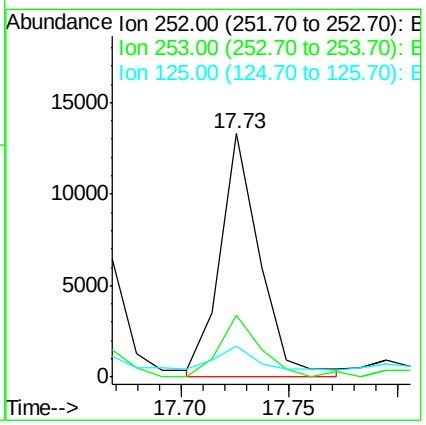


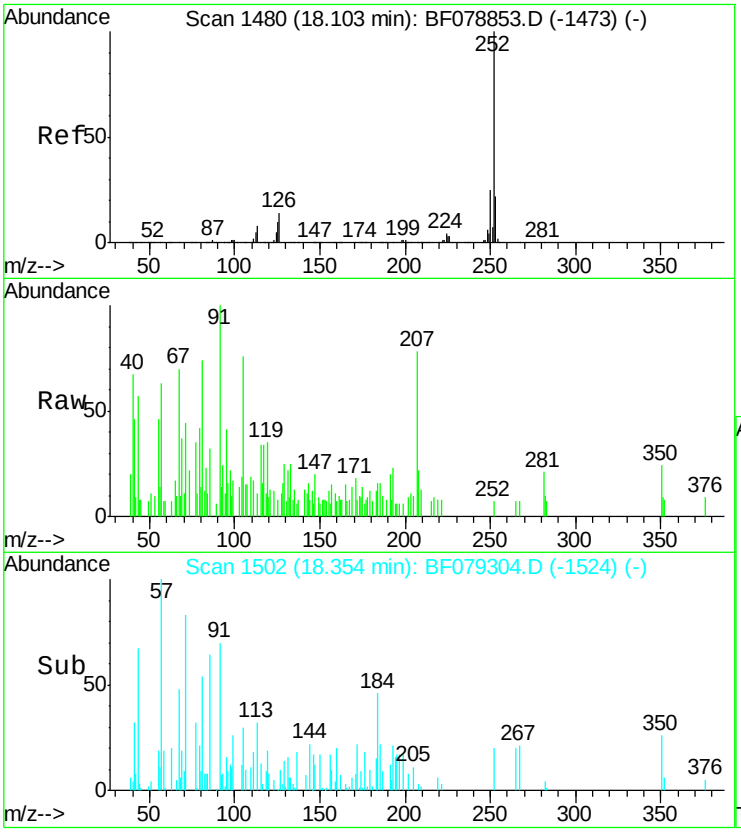


#88
Benzo(k)fluoranthene
Concen: 189.21 ng
RT: 17.73 min Scan# 1447
Delta R.T. -0.57 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion:252 Resp: 16904

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	12.5	6.1	9.1#





#89
Benzo(a)pyrene
Concen: 2.95 ng
RT: 18.35 min Scan# 1502
Delta R.T. -0.43 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tgt Ion:252 Resp: 251

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.0	27.0#
125	117.8	8.2	12.2#