Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078392.D
Acq On : 10 Apr 2015 9:14
Operator : TP/IZ
Sample : G1793-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 10 12:47:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	38307	20.00	ng		0.00
21) Naphthalene-d8	8.46	136	158460	20.00	ng		0.00
38) Acenaphthene-d10	10.63	164	77831	20.00	ng		-0.01
63) Phenanthrene-d10	12.45	188	149333	20.00	ng		-0.01
75) Chrysene-d12	15.72	240	149304	20.00	ng		-0.02
86) Perylene-d12	17.49	264	144259	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	53073	22.84	ng		-0.02
7) Phenol-d6	6.49	99	74245	25.50	ng		0.01
23) Nitrobenzene-d5	7.58	82	36671	14.03	ng		0.00
41) 2,4,6-Tribromophenol	11.60	330	11858	18.37	ng		-0.02
44) 2-Fluorobiphenyl	9.81	172	82151	15.09	ng		0.00
78) Terphenyl-d14	14.44	244	77669	11.75	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.49	128	254576	30.87	ng		100
37) 2-Methylnaphthalene	9.34	142	45303	8.09	ng		99
45) 1,1'-Biphenyl	9.93	154	21799	3.42	ng		98
51) Acenaphthene	10.66	154	41904	9.20	ng		99
55) 4-Nitrophenol	10.88	139	1258	3.97	ng	#	18
57) Fluorene	11.30	166	31398	5.57	ng		99
70) Phenanthrene	12.48	178	160816	18.62	ng		100
71) Anthracene	12.55	178	47050	5.53	ng		99
74) Fluoranthene	13.94	202	74582	8.19	ng		98
77) Pyrene	14.23	202	108820	11.61	ng		99
80) Benzo(a)anthracene	15.71	228	35047	3.95	ng	#	79
82) Chrysene	15.76	228	24083	2.89	ng		97
87) Benzo(b)fluoranthene	17.04	252	33410	3.75	ng	#	80
88) Benzo(k)fluoranthene	17.04	252	33410	4.22	ng	#	83
89) Benzo(a)pyrene	17.43	252	28178	3.62	ng	#	82

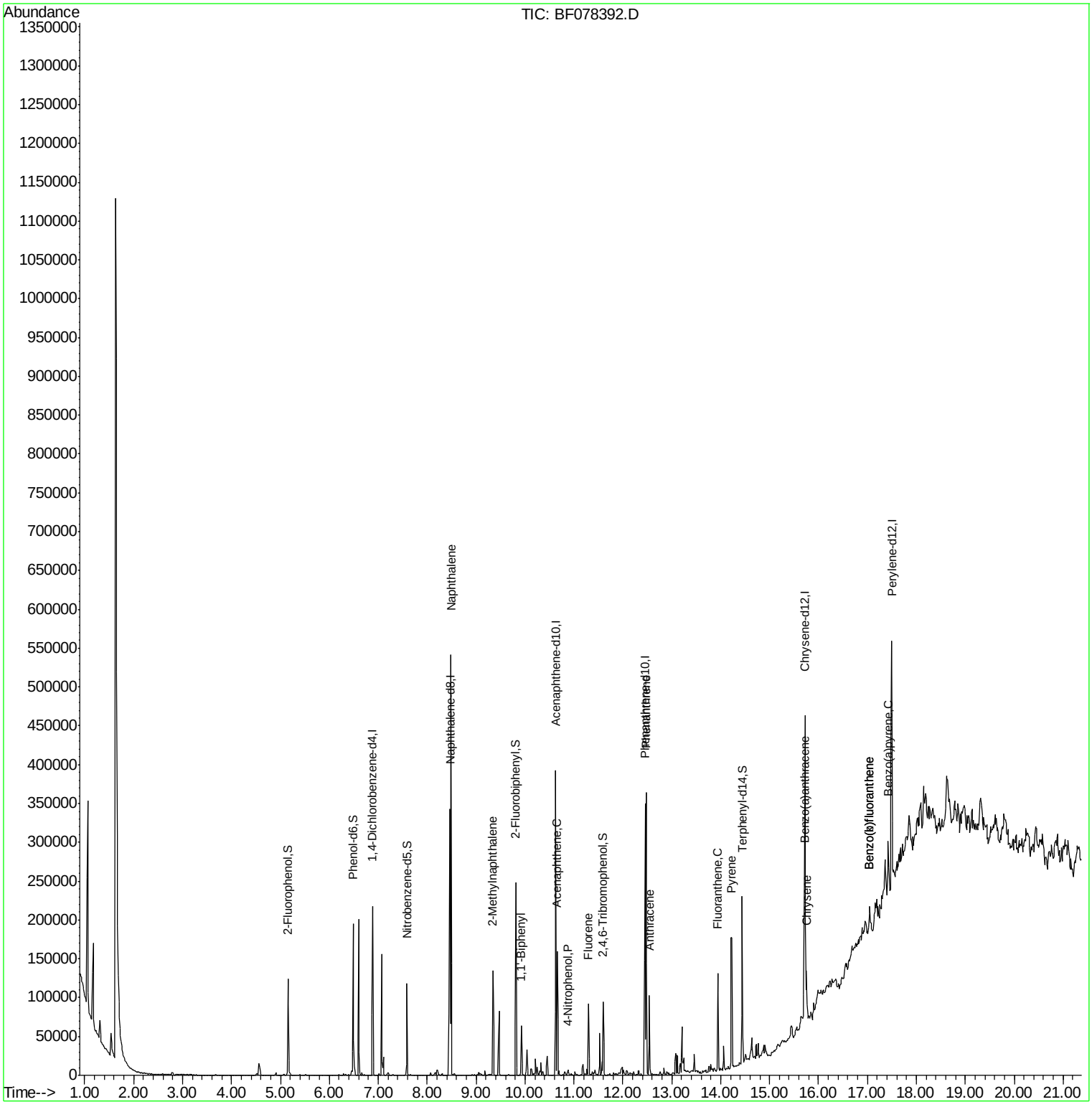
(#) = qualifier out of range (m) = manual integration (+) = signals summed

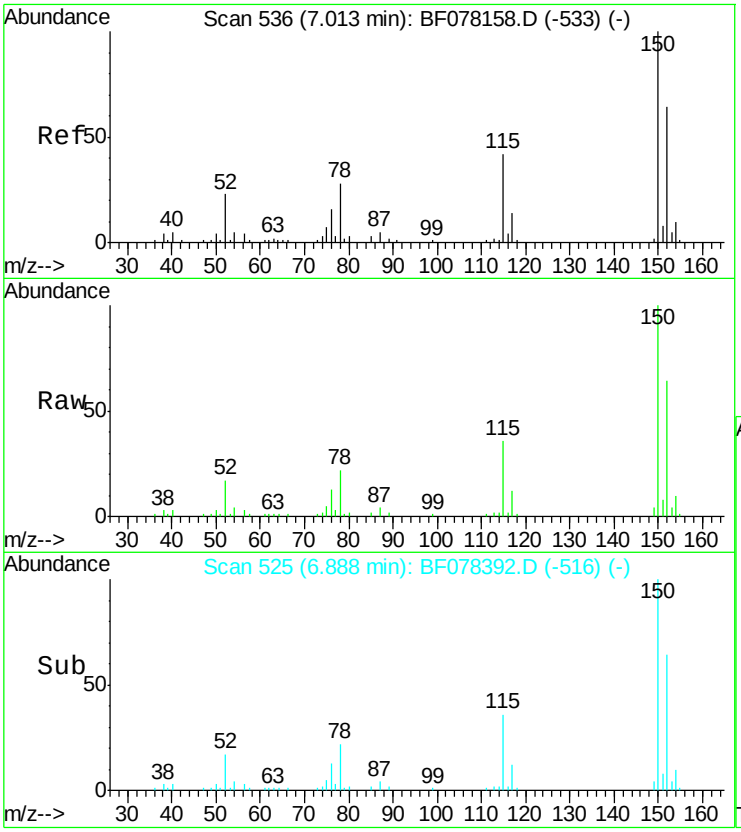
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078392.D
Acq On : 10 Apr 2015 9:14
Operator : TP/IZ
Sample : G1793-08DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 10 12:47:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration



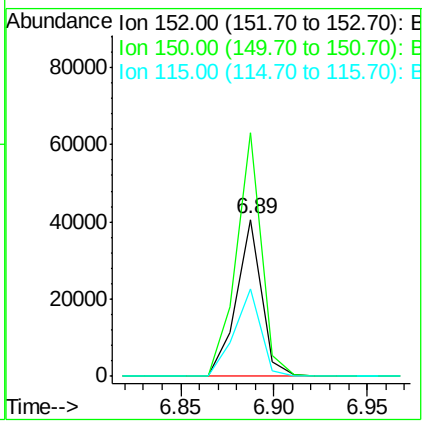


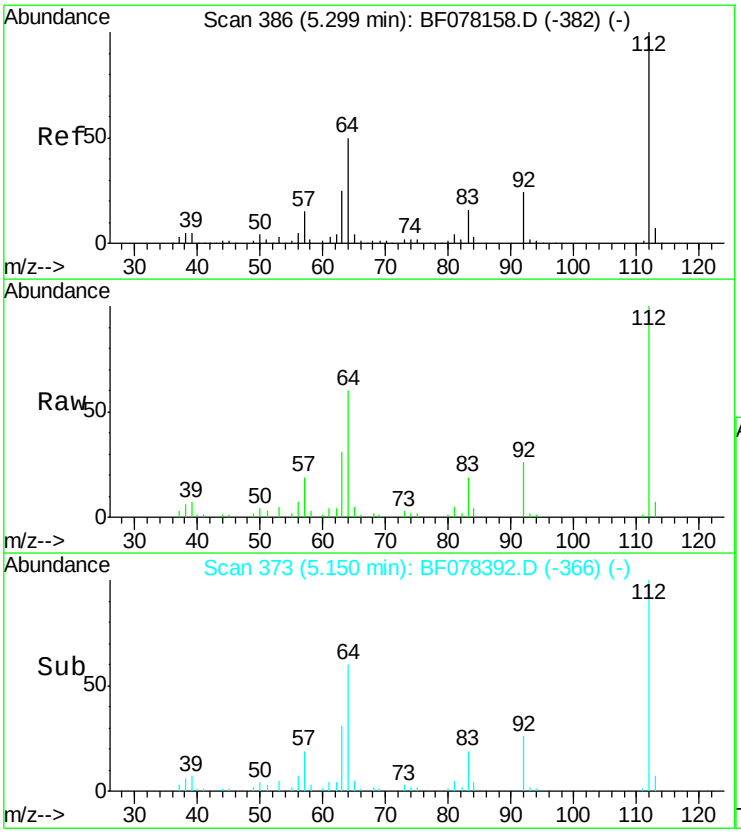
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 38307

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.9	188.9
115	55.5	52.7	79.1

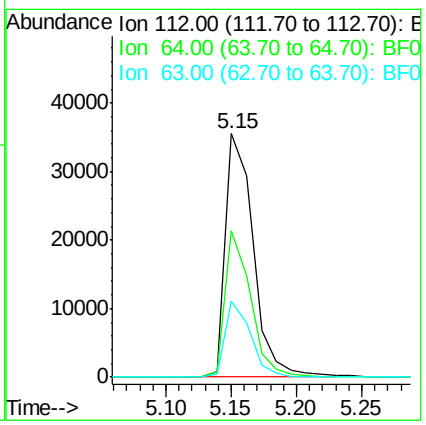


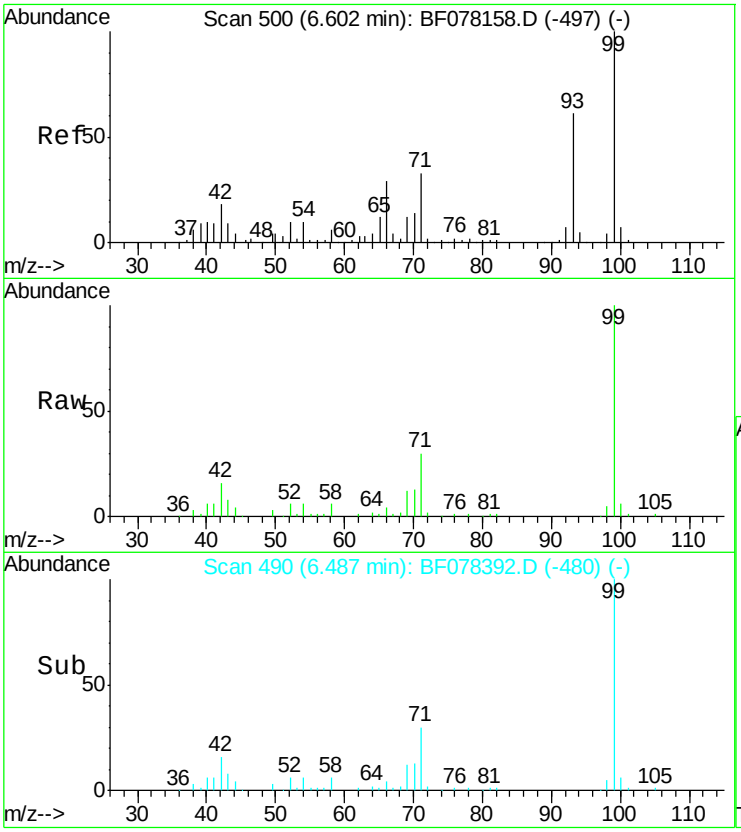


#5
2-Fluorophenol
Concen: 22.84 ng
RT: 5.15 min Scan# 373
Delta R.T. -0.02 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:112 Resp: 53073

Ion	Ratio	Lower	Upper
112	100		
64	60.1	39.9	59.9#
63	31.0	20.2	30.4#



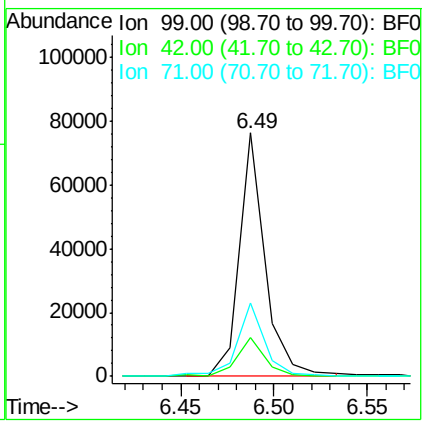


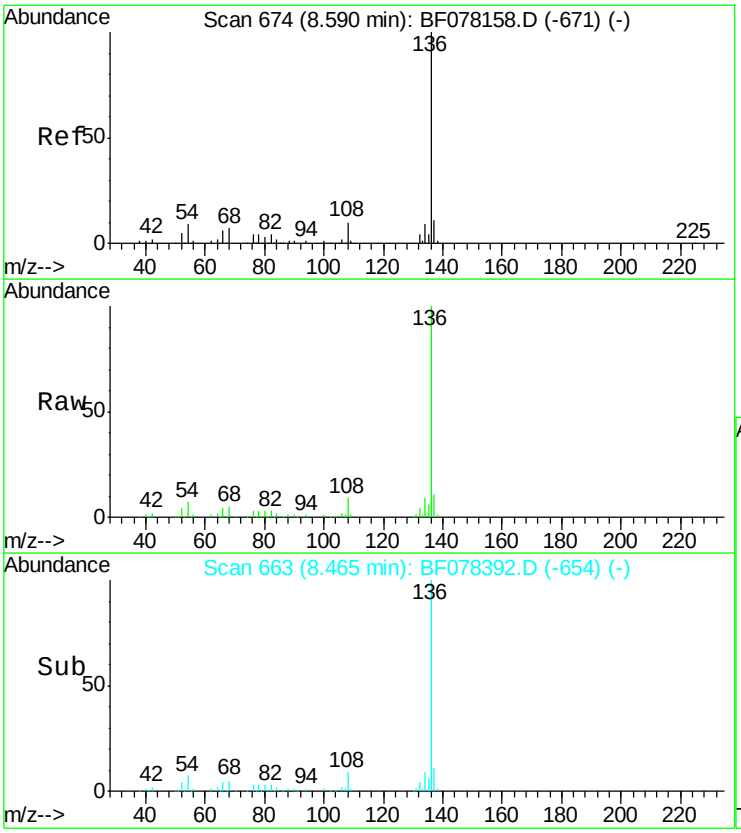
#7
Phenol-d6
Concen: 25.50 ng
RT: 6.49 min Scan# 490
Delta R.T. 0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 74245

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.8	22.2
71	30.0	26.6	39.8

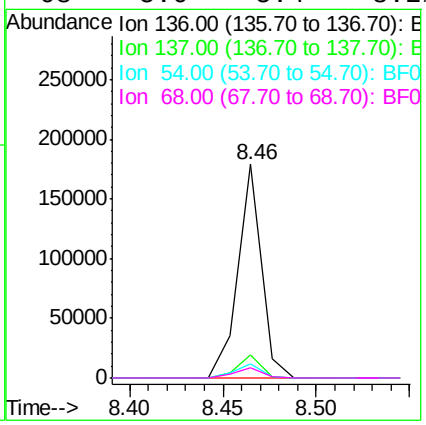


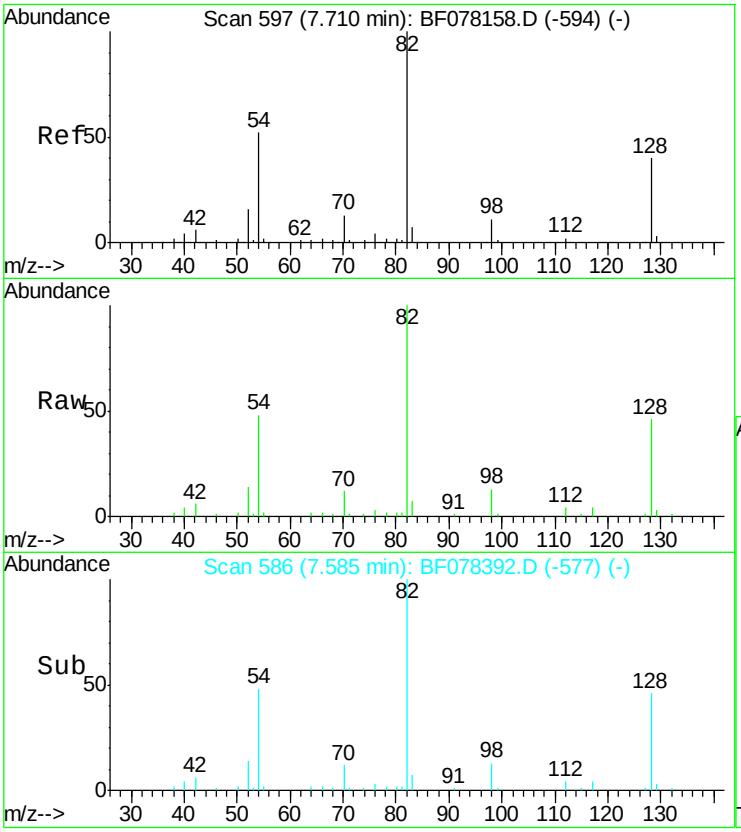


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.46 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:136 Resp: 158460

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.6	7.0	10.6#
68	5.0	5.4	8.2#



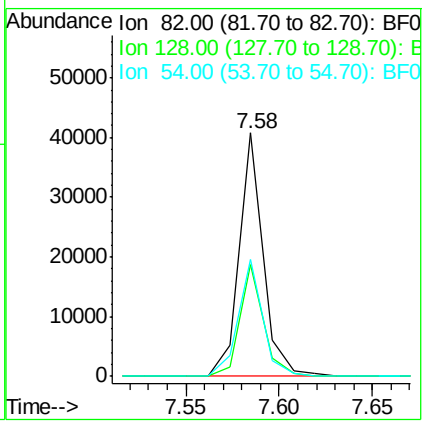


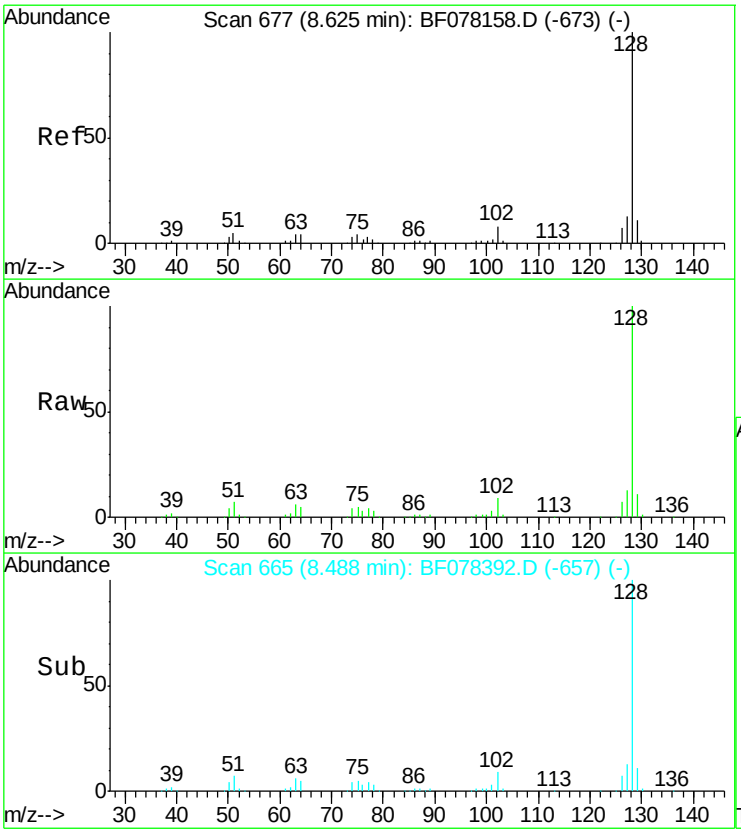
#23
Nitrobenzene-d5
Concen: 14.03 ng
RT: 7.58 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 36671

Ion	Ratio	Lower	Upper
82	100		
128	45.8	31.8	47.8
54	48.1	41.5	62.3

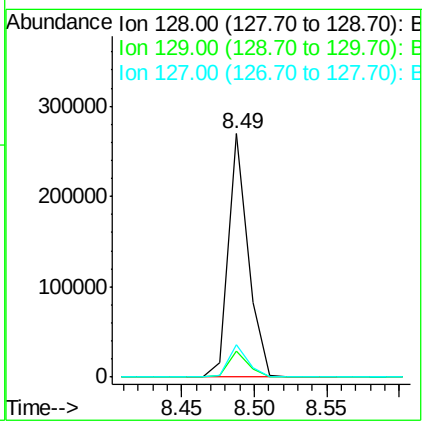


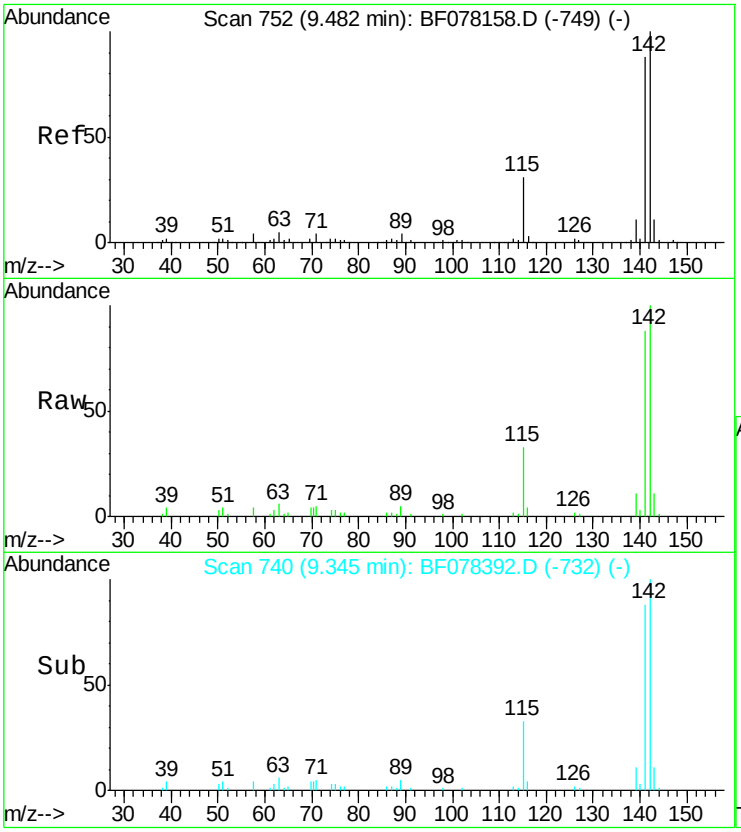


#31
Naphthalene
Concen: 30.87 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:128 Resp: 254576

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.2	10.7	16.1



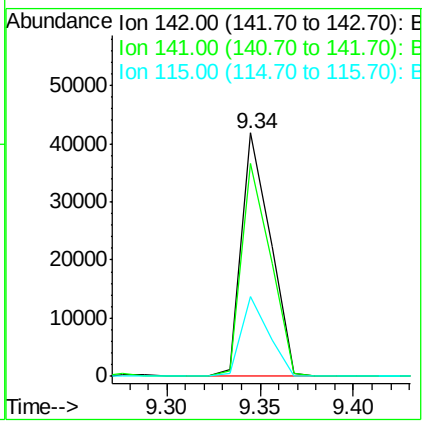


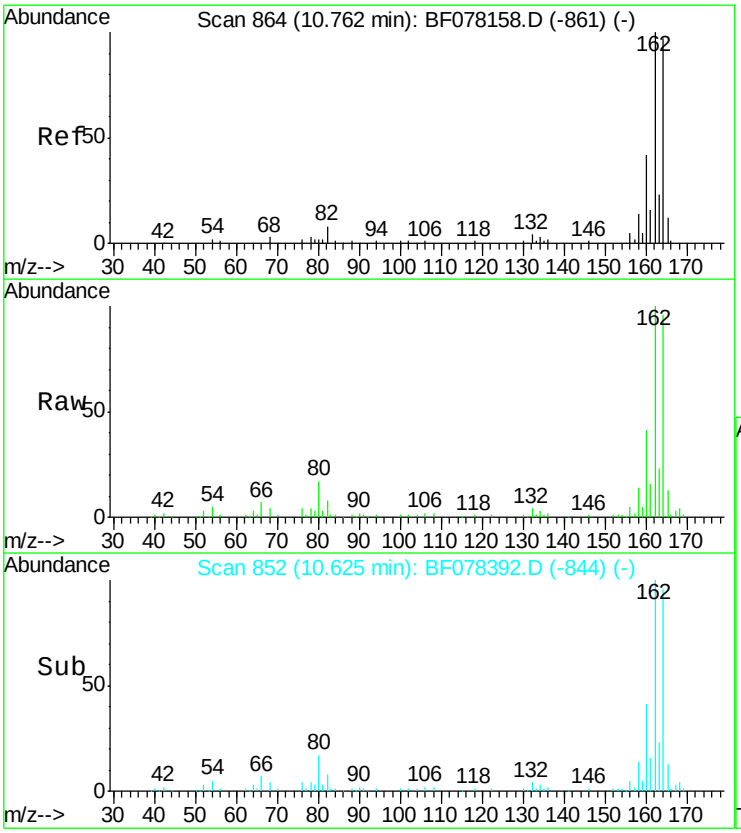
#37
2-Methylnaphthalene
Concen: 8.09 ng
RT: 9.34 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 45303

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	33.0	24.6	37.0

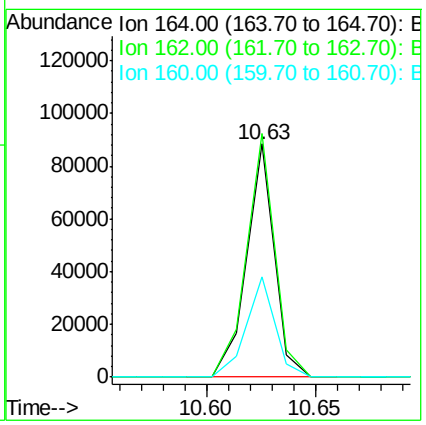


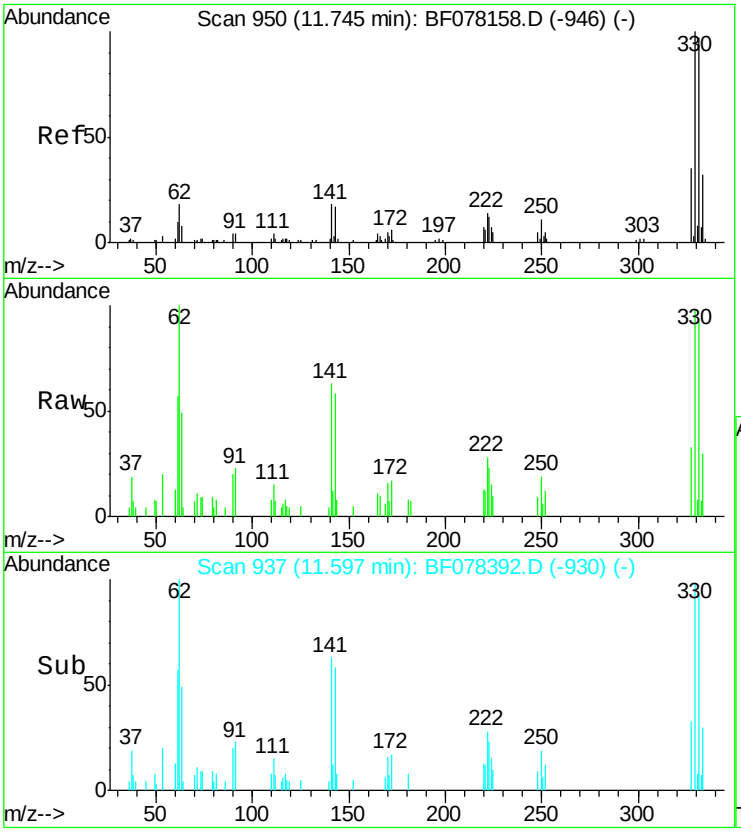


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.63 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:164 Resp: 77831

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.2	123.2
160	42.9	34.7	52.1

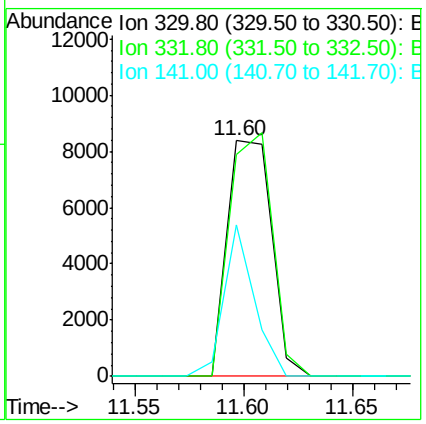




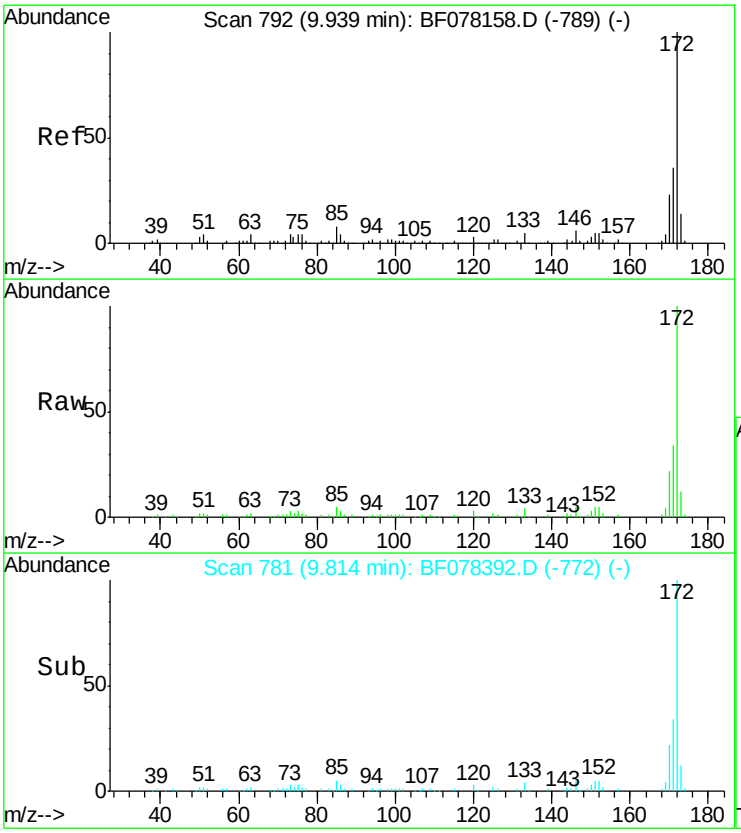
#41
2,4,6-Tribromophenol
Concen: 18.37 ng
RT: 11.60 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:330 Resp: 11858

Ion	Ratio	Lower	Upper
330	100		
332	100.4	78.6	117.8
141	43.8	31.2	46.8



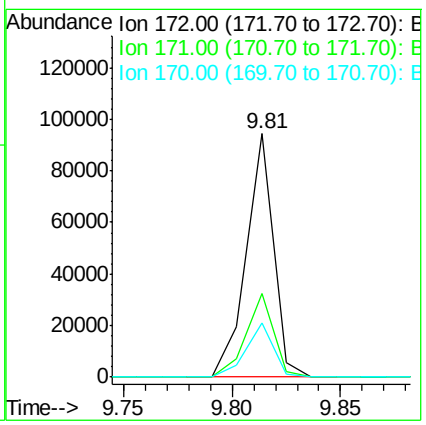
Instrument :
BNA_F
ClientSampleId :

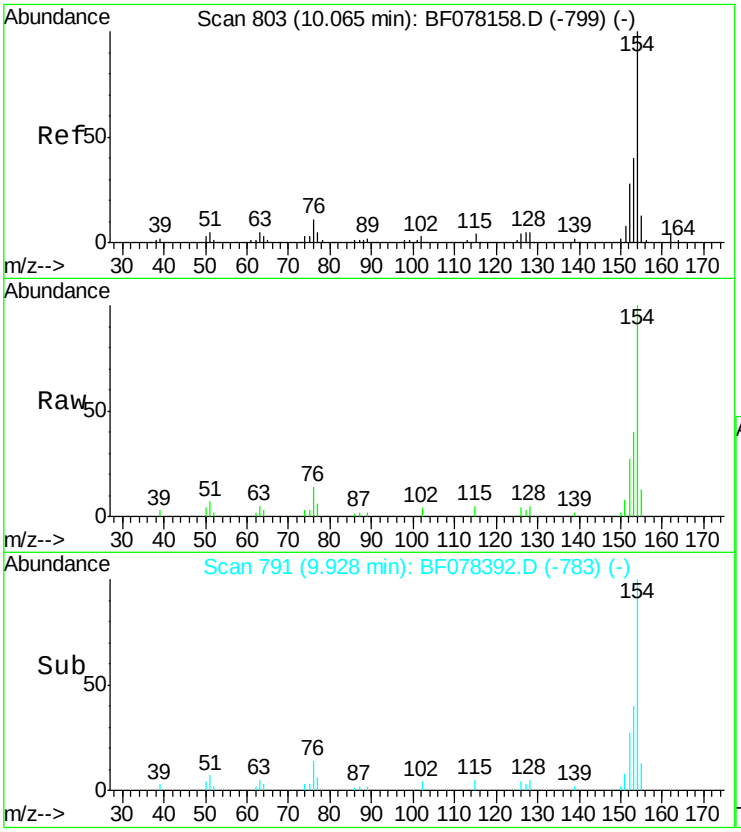


#44
2-Fluorobiphenyl
Concen: 15.09 ng
RT: 9.81 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:172 Resp: 82151

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	42.8
170	22.3	18.5	27.7



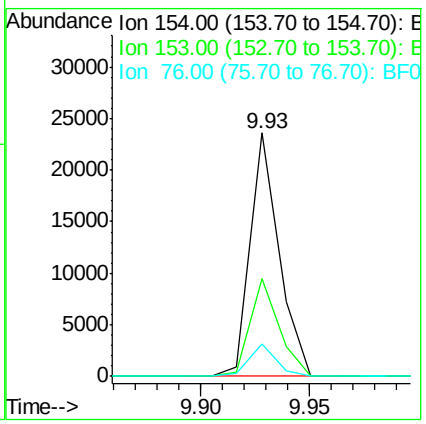


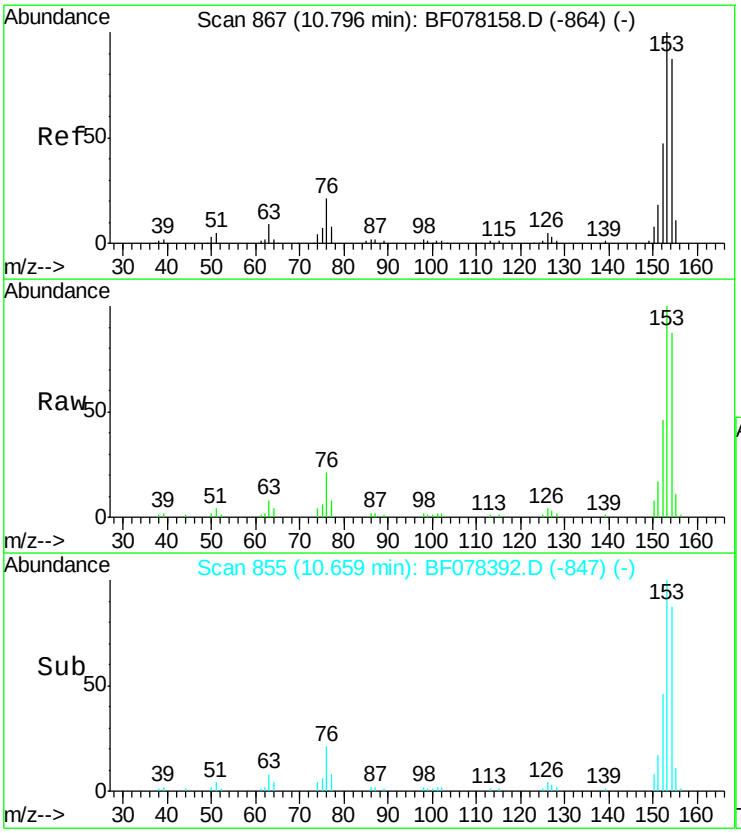
#45
1,1'-Biphenyl
Concen: 3.42 ng
RT: 9.93 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 21799

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	13.6	0.0	30.6

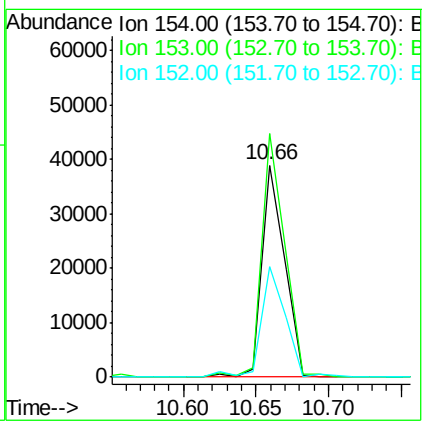


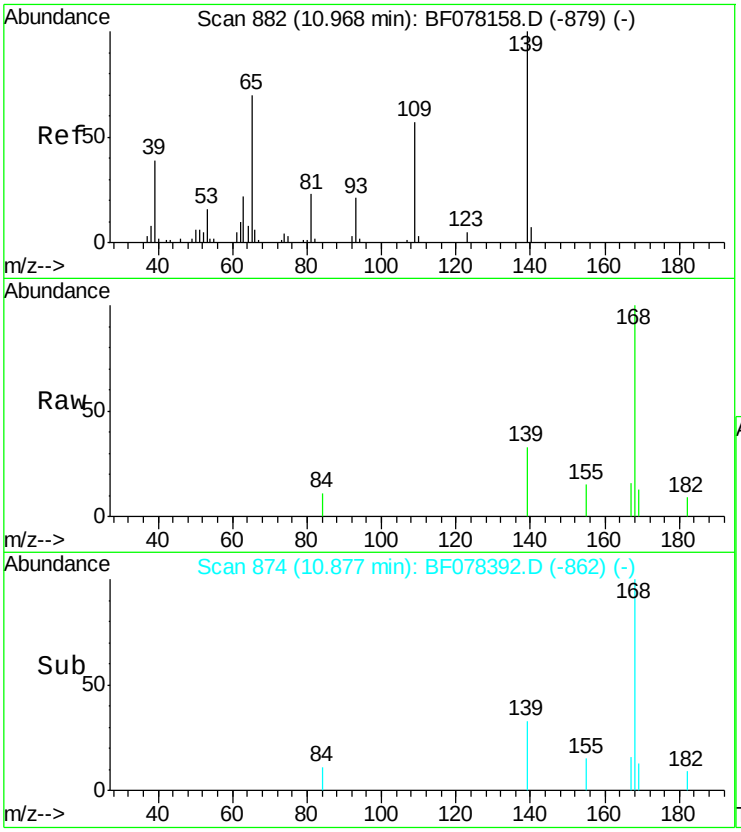


#51
Acenaphthene
Concen: 9.20 ng
RT: 10.66 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:154 Resp: 41904

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.4	137.2
152	52.4	43.0	64.6



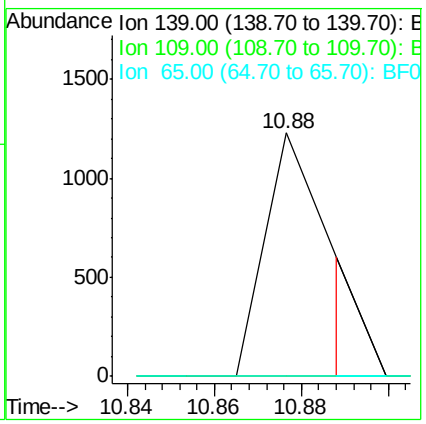


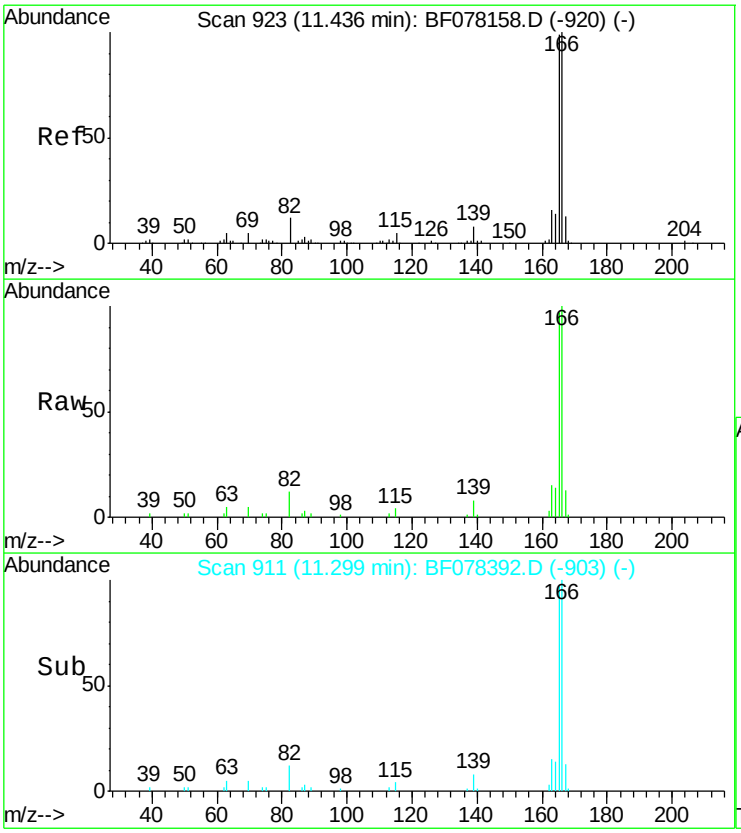
#55
4-Nitrophenol
Concen: 3.97 ng
RT: 10.88 min Scan# 874
Delta R.T. 0.04 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1258

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#

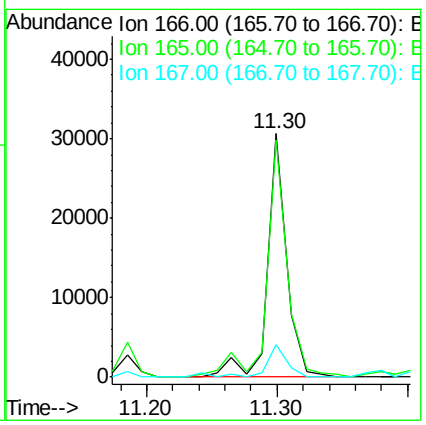


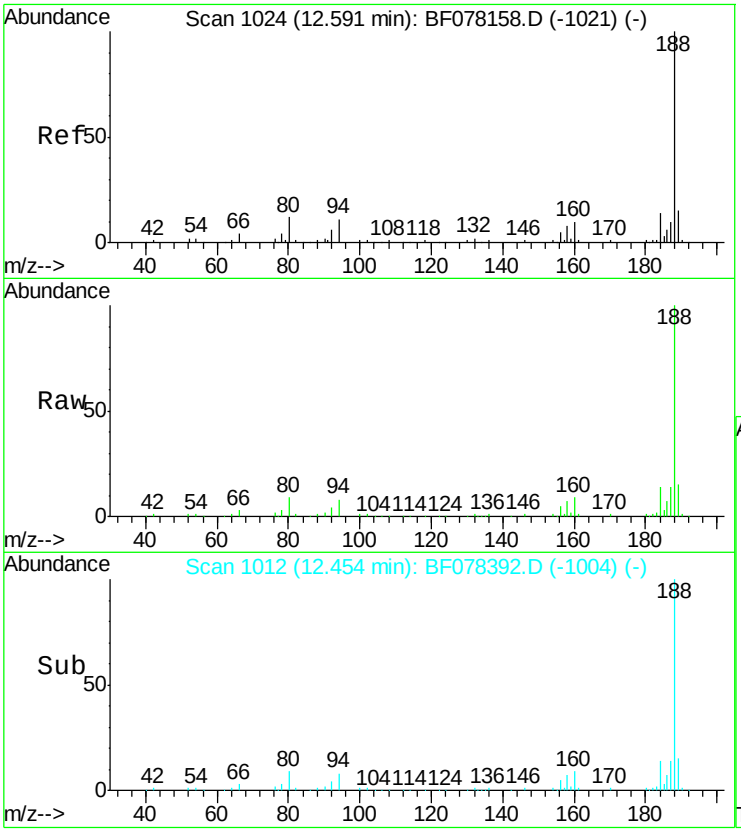


#57
Fluorene
Concen: 5.57 ng
RT: 11.30 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:166 Resp: 31398

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.9	118.3
167	13.1	10.7	16.1



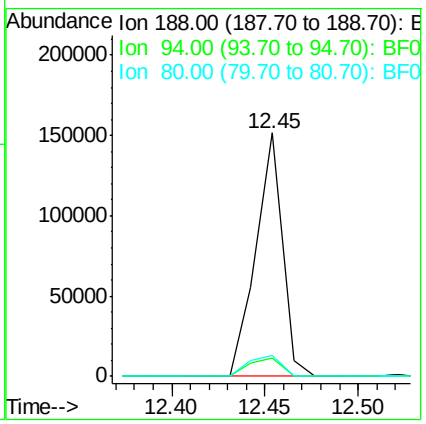


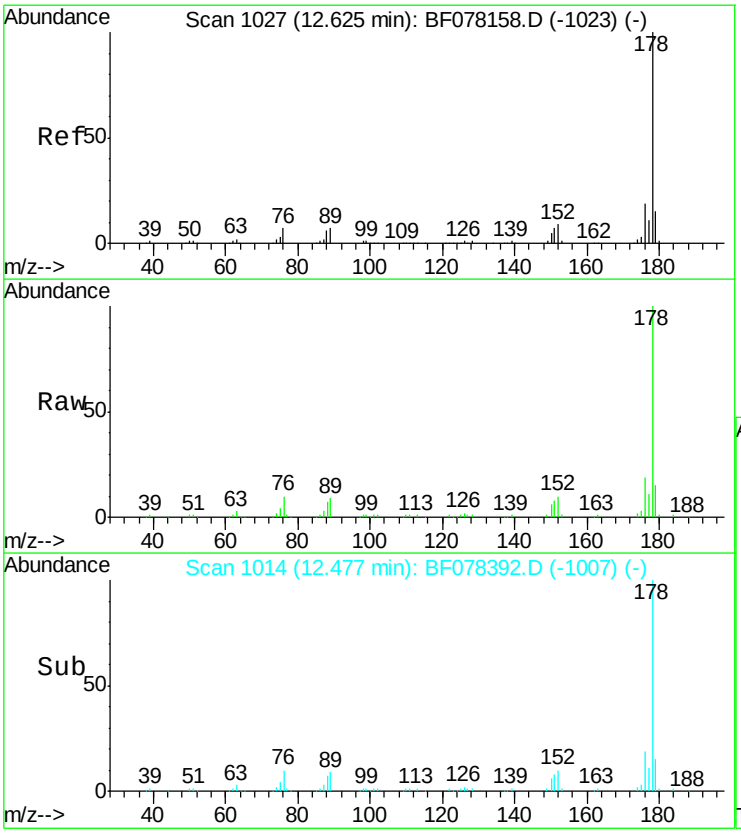
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.45 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 149333

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.4#
80	8.7	9.5	14.3#

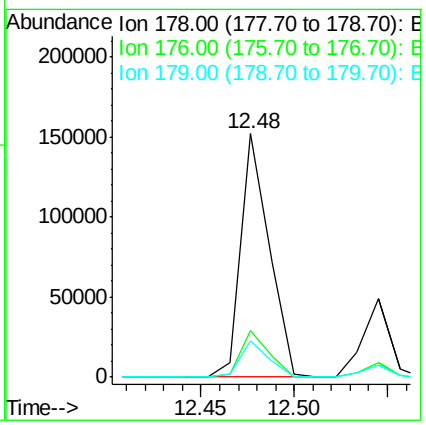


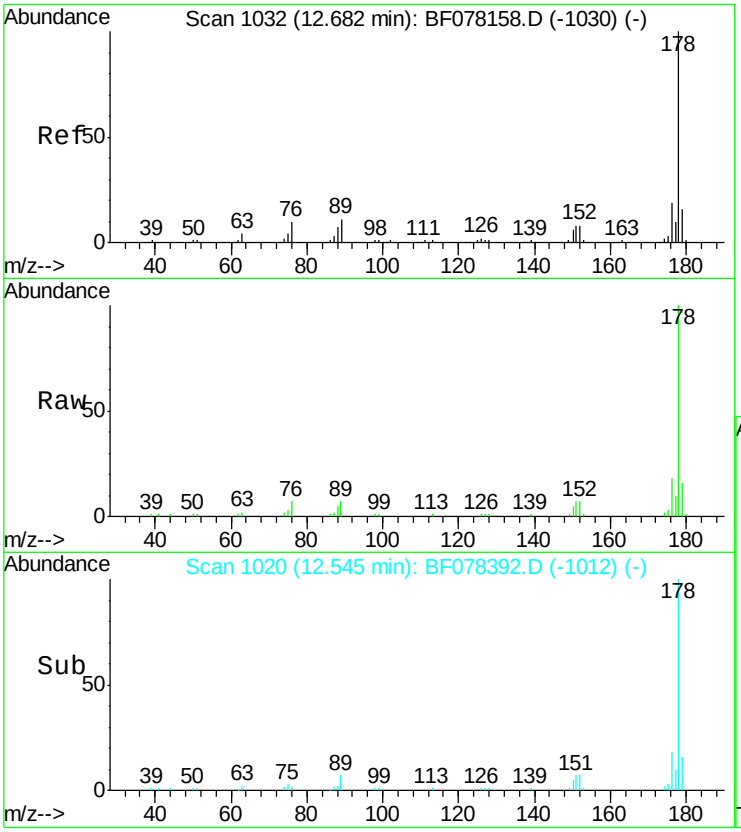


#70
Phenanthrene
Concen: 18.62 ng
RT: 12.48 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:178 Resp: 160816

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.1	12.2	18.2



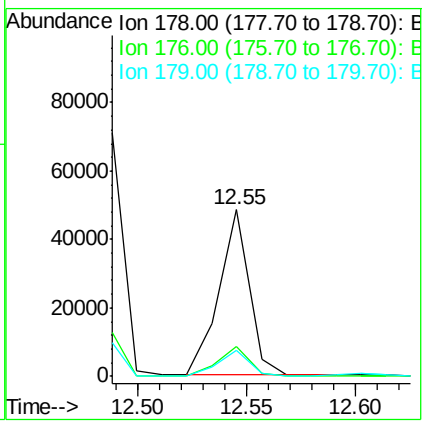


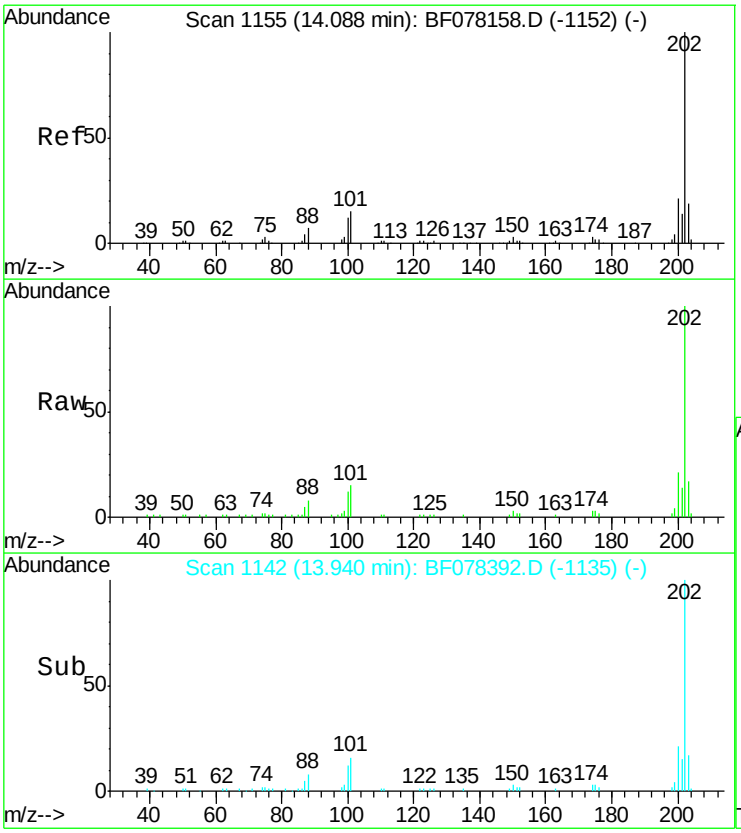
#71
Anthracene
Concen: 5.53 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 47050

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	15.9	12.4	18.6

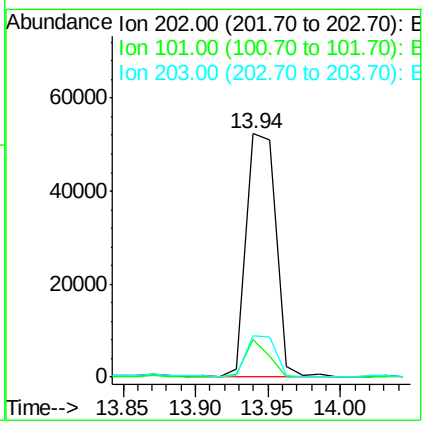


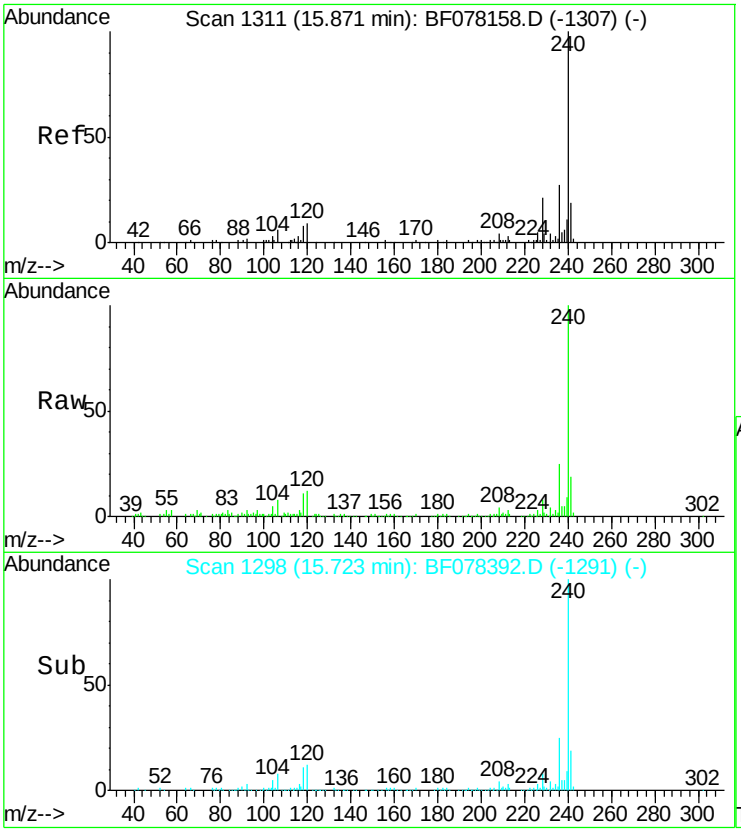


#74
Fluoranthene
Concen: 8.19 ng
RT: 13.94 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:202 Resp: 74582

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	35.2
203	17.2	0.0	38.5



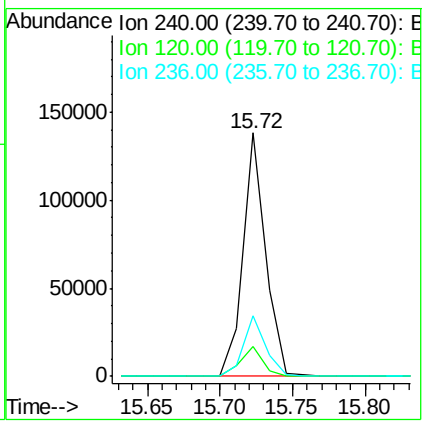


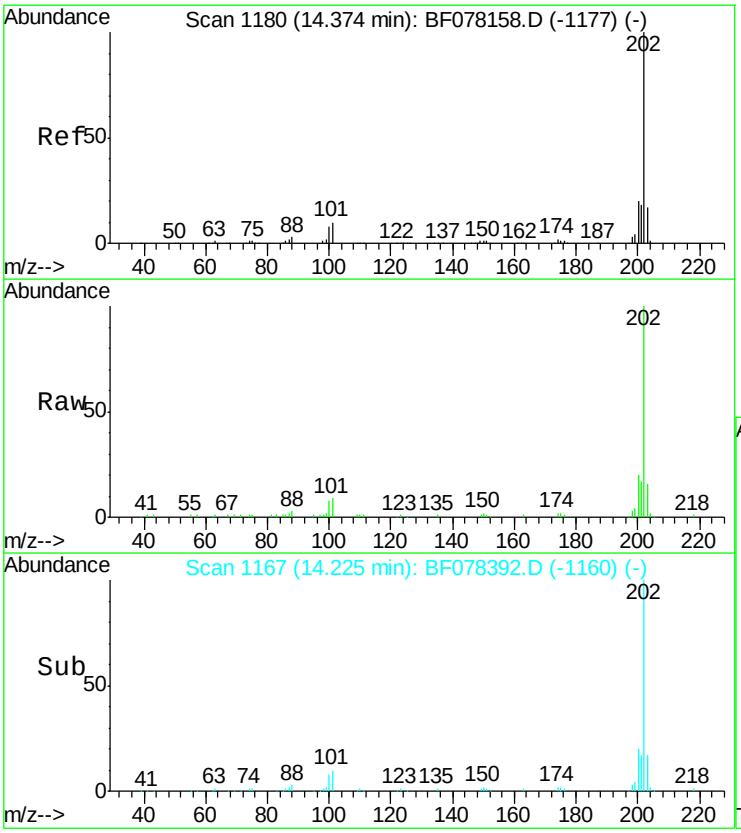
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 149304

Ion	Ratio	Lower	Upper
240	100		
120	12.1	7.1	10.7#
236	25.1	21.4	32.2

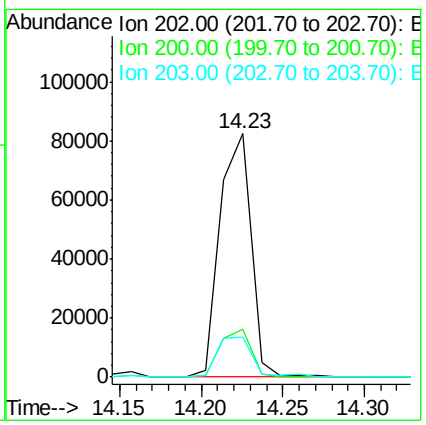


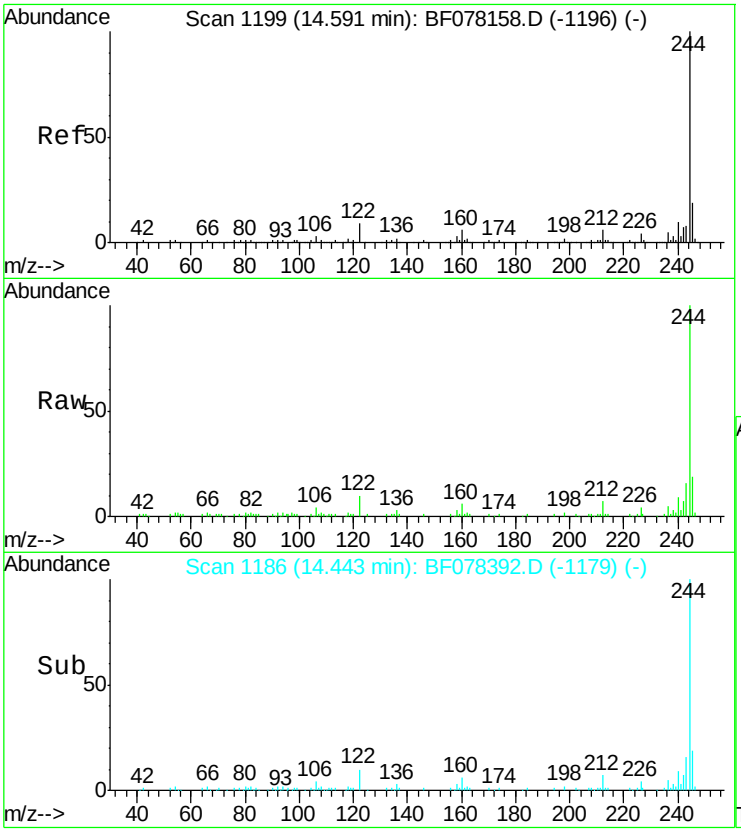


#77
Pyrene
Concen: 11.61 ng
RT: 14.23 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:202 Resp: 108820

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.3	24.5
203	16.5	13.8	20.6



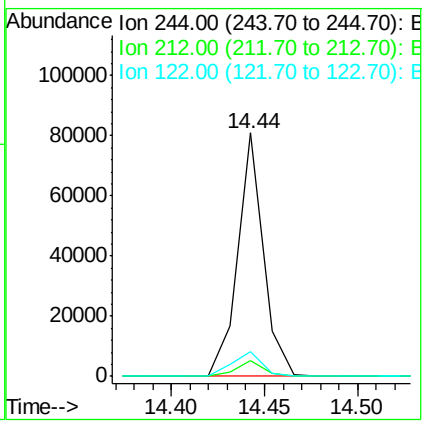


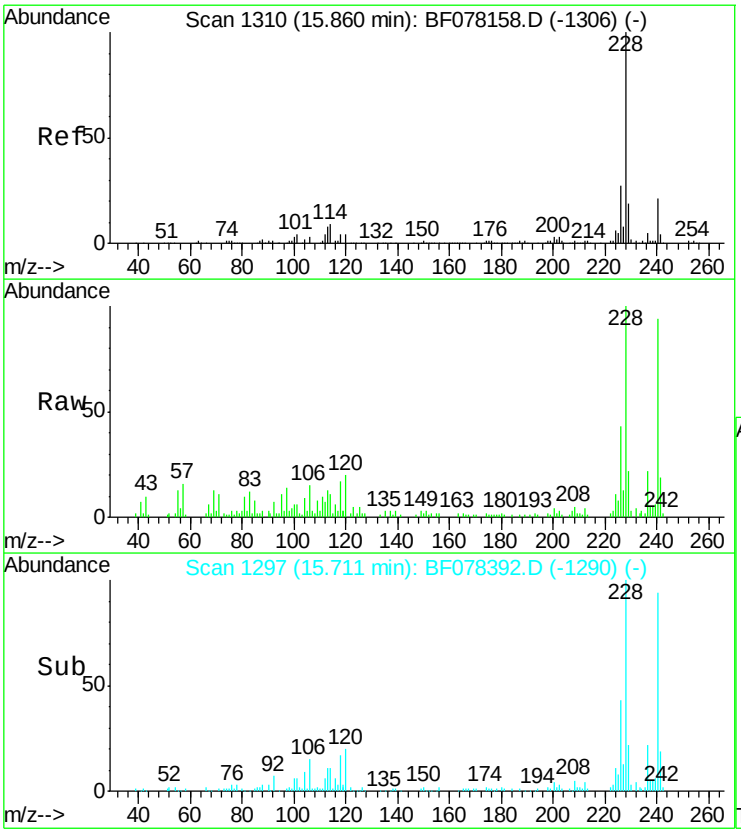
#78
Terphenyl-d14
Concen: 11.75 ng
RT: 14.44 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 77669

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	10.0	7.1	10.7

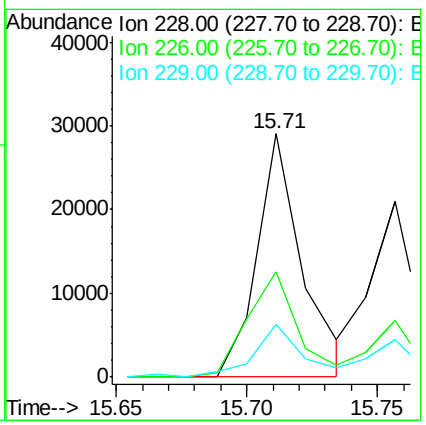


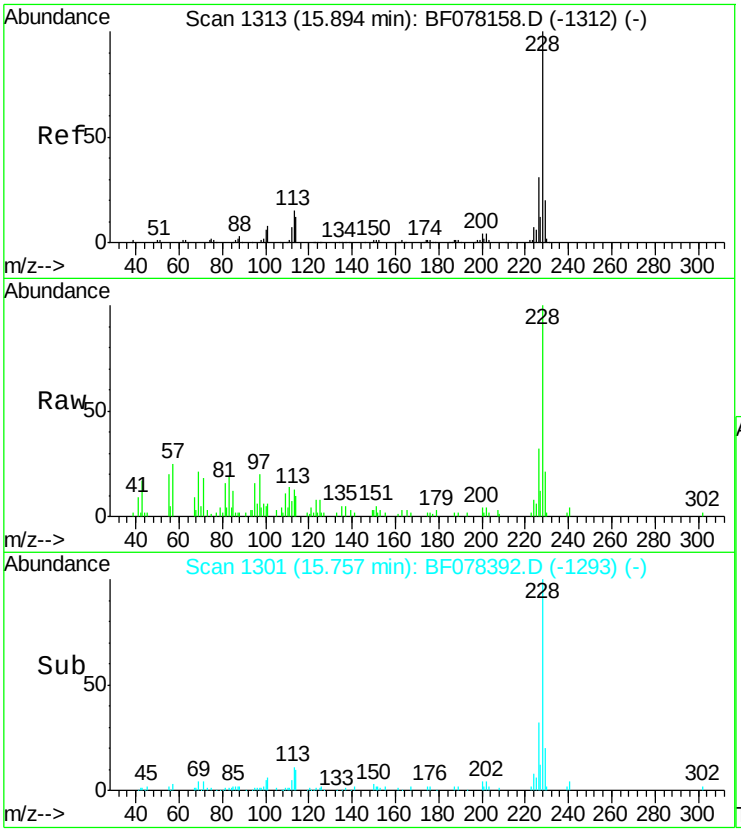


#80
Benzo(a)anthracene
Concen: 3.95 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:228 Resp: 35047

Ion	Ratio	Lower	Upper
228	100		
226	43.2	21.3	31.9#
229	21.9	15.4	23.2



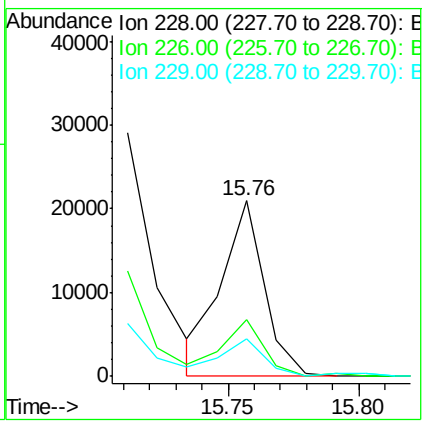


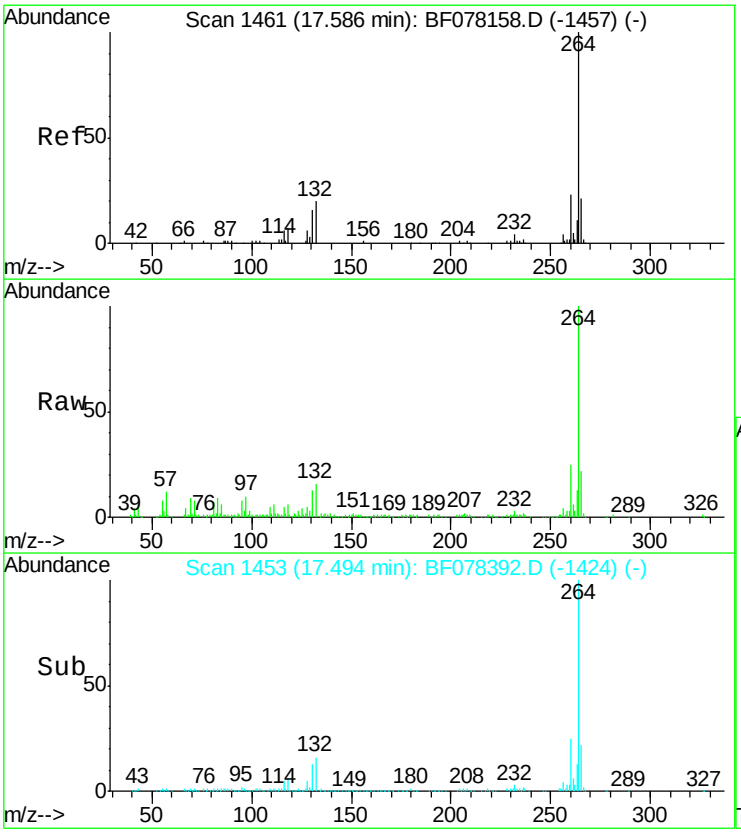
#82
Chrysene
Concen: 2.89 ng
RT: 15.76 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 24083

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.2	36.4
229	21.2	15.8	23.8

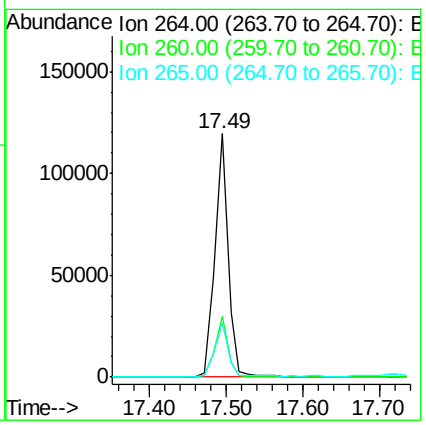


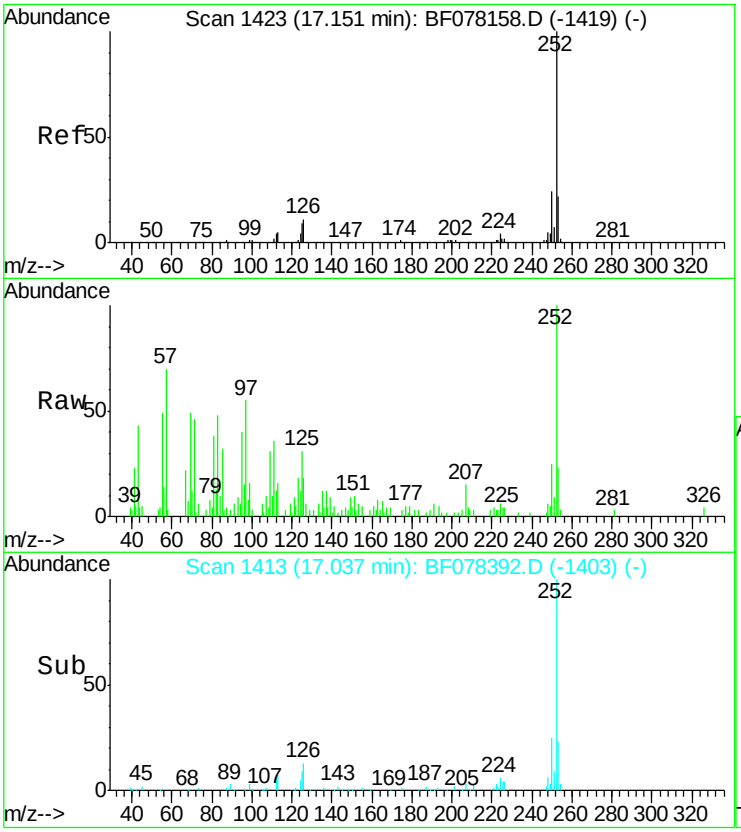


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.49 min Scan# 1453
Delta R.T. 0.03 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:264 Resp: 144259

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	22.1	17.0	25.6



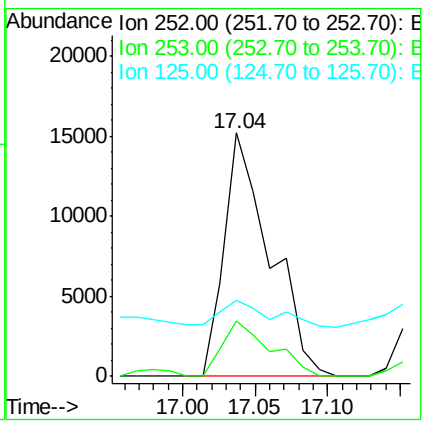


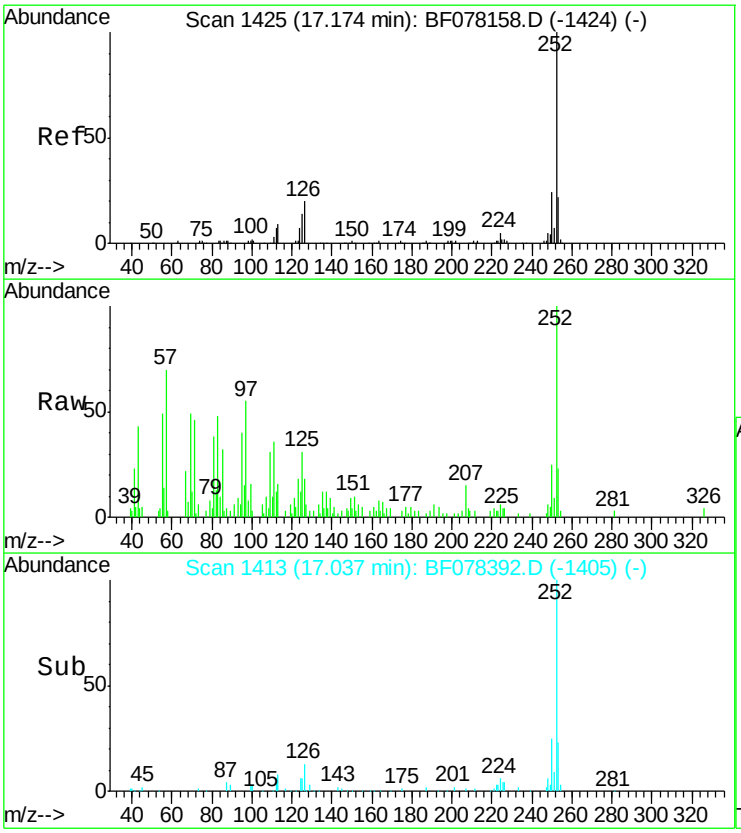
#87
Benzo(b)fluoranthene
Concen: 3.75 ng
RT: 17.04 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 33410

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	31.0	7.0	10.4#

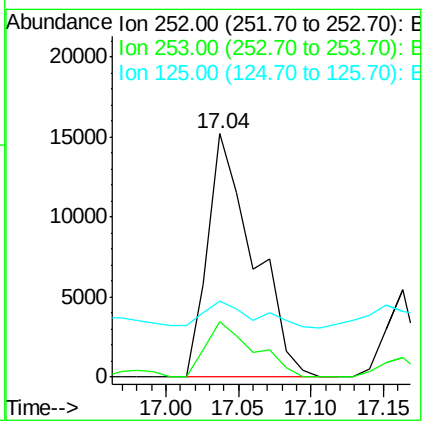


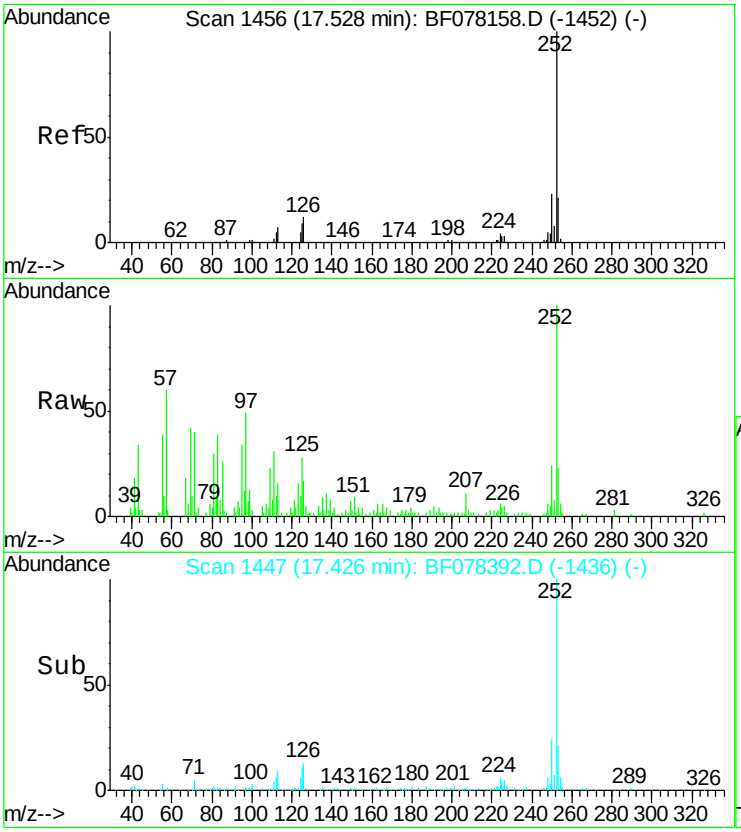


#88
Benzo(k)fluoranthene
Concen: 4.22 ng
RT: 17.04 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Tgt Ion:252 Resp: 33410

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	31.0	11.6	17.4#





#89
Benzo(a)pyrene
Concen: 3.62 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.02 min
Lab File: BF078392.D
Acq: 10 Apr 2015 9:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28178

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	27.8	7.4	11.0#