Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
Data File : BF079394.D
Acq On : 20 May 2015 22:49
Operator : TP/IZ
Sample : G2299-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB04B(10-10.5)

Quant Time: May 21 01:20:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 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		-7.13
21) Naphthalene-d8	8.66	136	281910	20.00	ng		-0.05
38) Acenaphthene-d10	10.83	164	138076	20.00	ng		-0.05
63) Phenanthrene-d10	12.67	188	272262	20.00	ng		-0.05
75) Chrysene-d12	15.97	240	284996	20.00	ng		-0.06
86) Perylene-d12	17.71	264	296425	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.67	99	413963	0.00	ng		-0.03
23) Nitrobenzene-d5	7.78	82	290682	59.26	ng		-0.05
41) 2,4,6-Tribromophenol	11.82	330	162358	108.69	ng		-0.05
44) 2-Fluorobiphenyl	10.01	172	514591	51.92	ng		-0.05
78) Terphenyl-d14	14.67	244	569598	47.85	ng		-0.05
Target Compounds							Qvalue
49) Dimethylphthalate	10.52	163	50278	4.96	ng		99
51) Acenaphthene	10.88	154	20698	2.47	ng		98
54) Dibenzofuran	11.10	168	25653	2.12	ng		94
57) Fluorene	11.52	166	33990	3.42	ng		96
70) Phenanthrene	12.71	178	220779	14.49	ng		98
71) Anthracene	12.77	178	72764	4.87	ng		99
74) Fluoranthene	14.18	202	191120	12.04	ng		93
77) Pyrene	14.46	202	176621	10.75	ng		97
80) Benzo(a)anthracene	15.95	228	90623	5.81	ng		98
82) Chrysene	15.99	228	65836	4.39	ng		96
87) Benzo(b)fluoranthene	17.26	252	139796	8.62	ng	#	97
88) Benzo(k)fluoranthene	17.26	252	139796	8.90	ng	#	93
89) Benzo(a)pyrene	17.65	252	84245	5.64	ng	#	95
91) Benzo(g,h,i)perylene	19.47	276	50714	3.19	ng	#	94

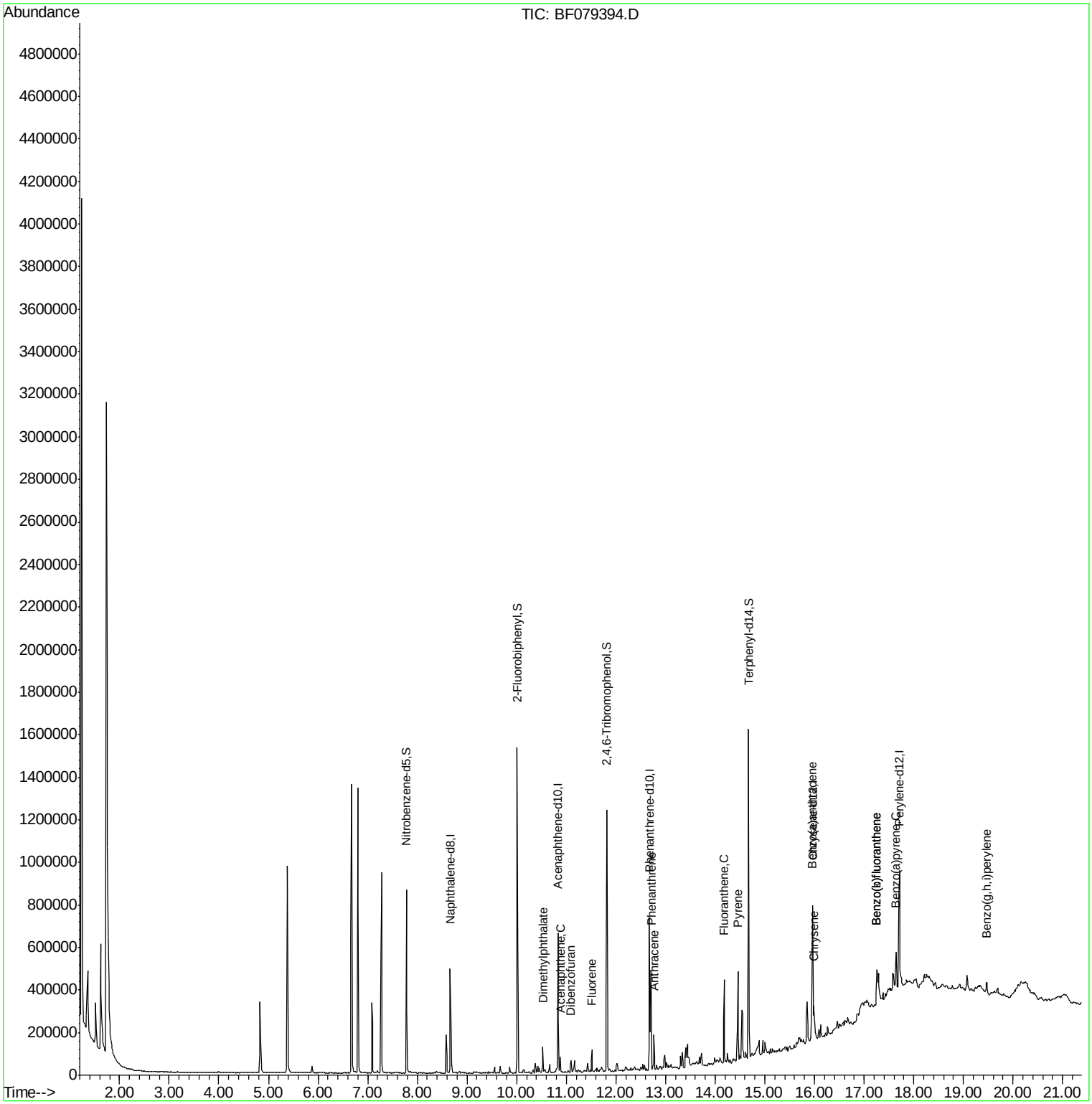
(#) = qualifier out of range (m) = manual integration (+) = signals summed

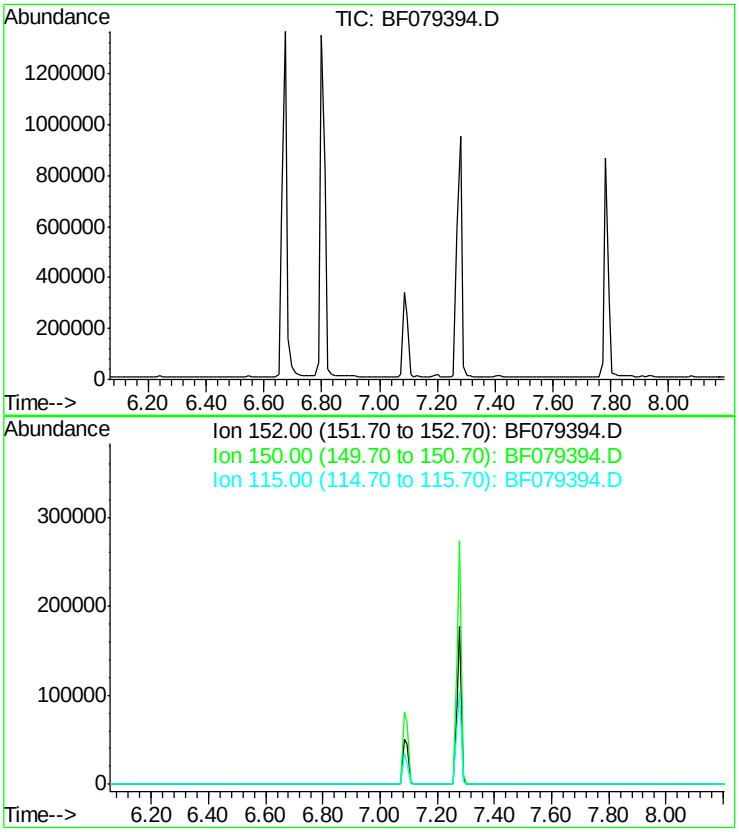
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
Data File : BF079394.D
Acq On : 20 May 2015 22:49
Operator : TP/IZ
Sample : G2299-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Quant Time: May 21 01:20:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 05:08:22 2015
Response via : Initial Calibration





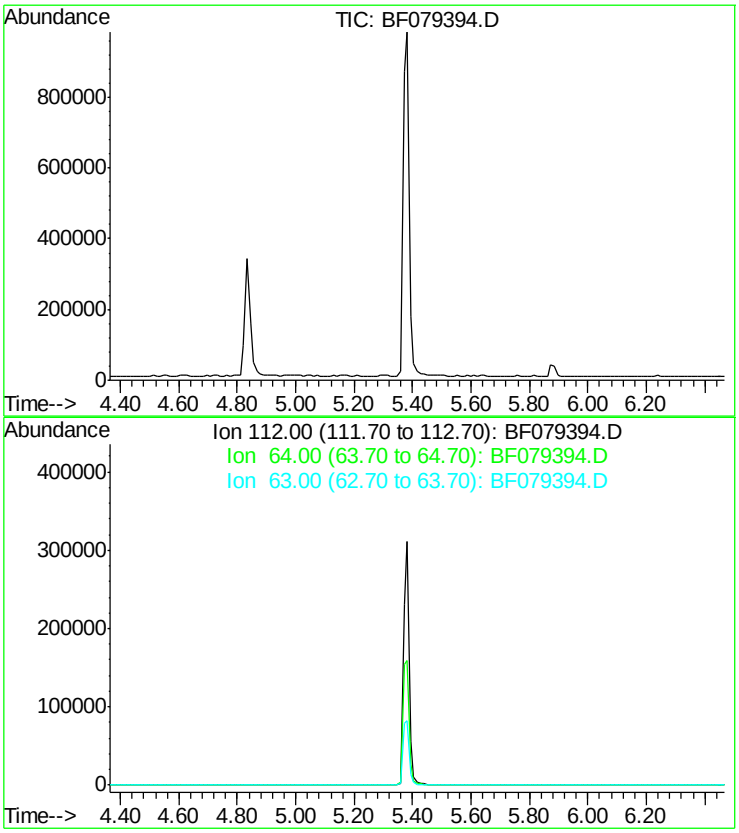
#1
1,4-Dichlorobenzene-d4
Concen: 0.00 ng
Expected RT: 7.13 min

Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	154.8
115	61.7

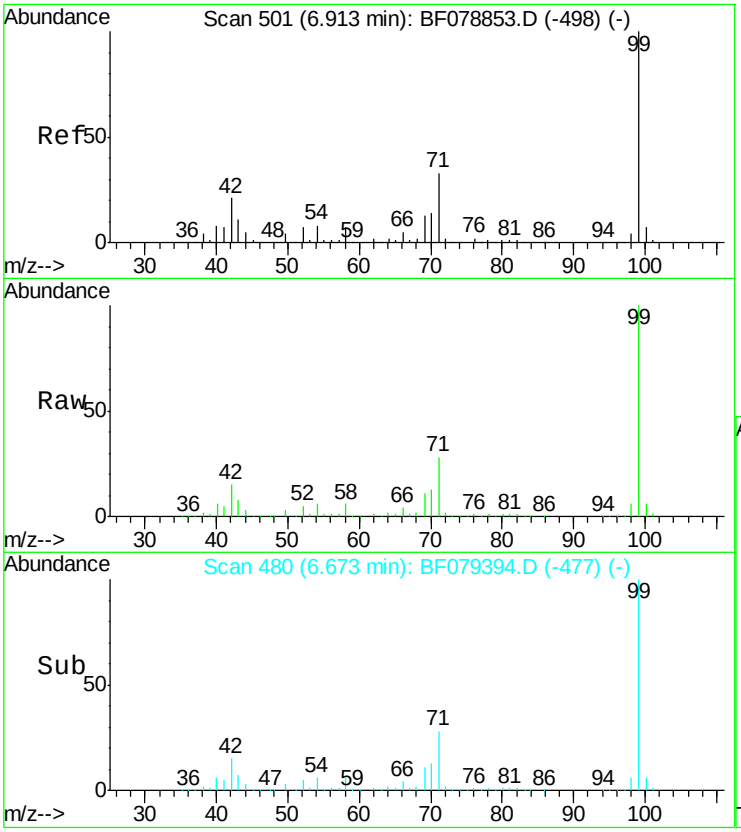


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.42 min

Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4

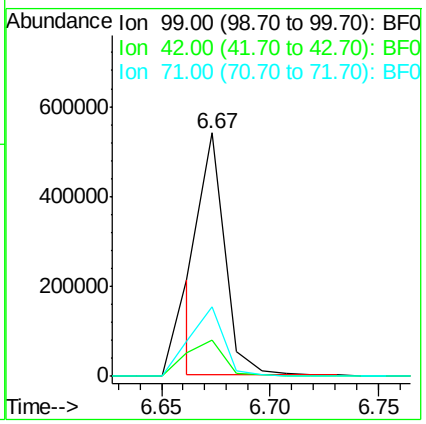


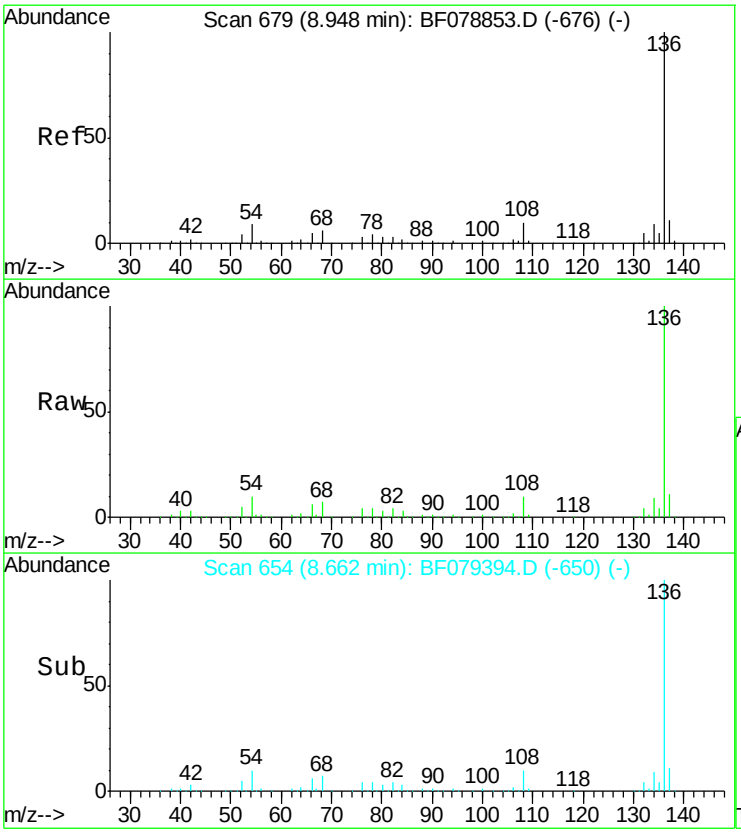
#7
Phenol-d6
Concen: 0.00 ng
RT: 6.67 min Scan# 480
Delta R.T. -0.03 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion: 99 Resp: 413963

Ion	Ratio	Lower	Upper
99	100		
42	15.1	17.1	25.7#
71	28.3	26.3	39.5

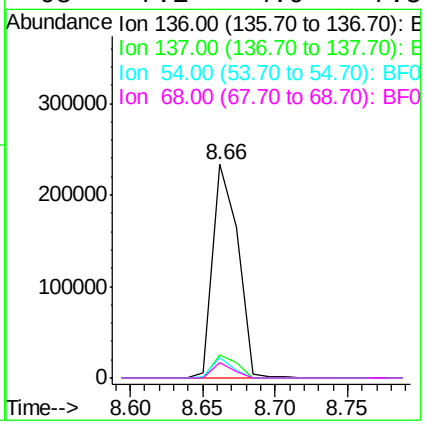


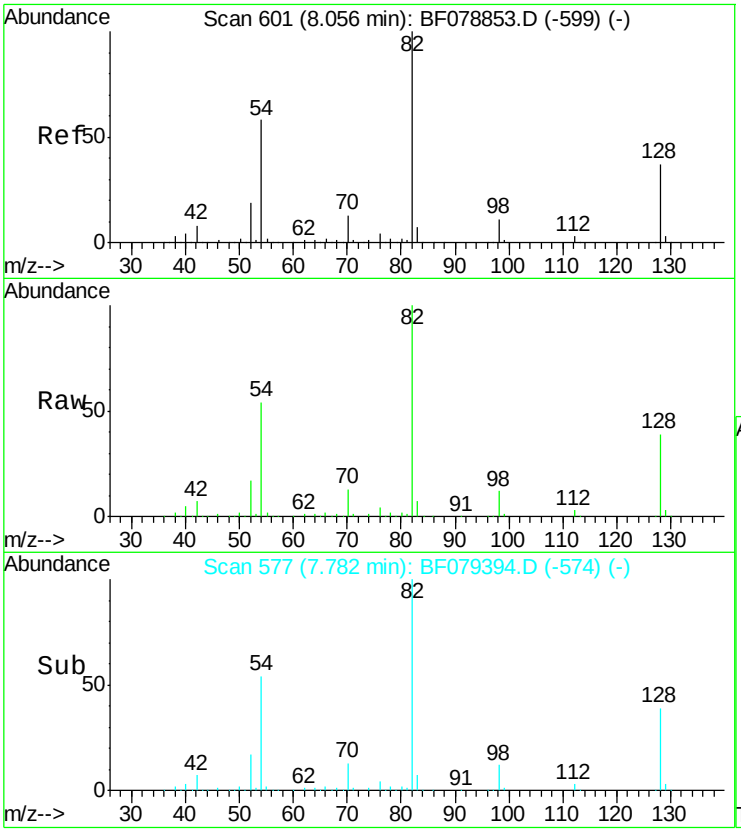


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.66 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:136 Resp: 281910

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.6	6.9	10.3
68	7.1	4.9	7.3



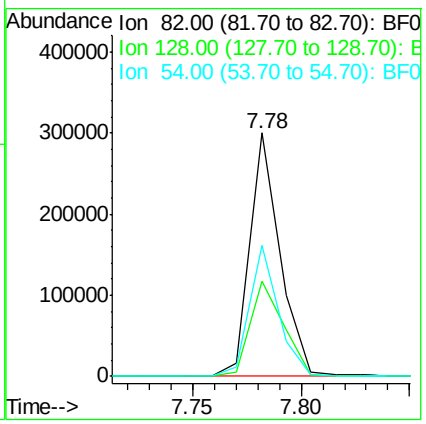


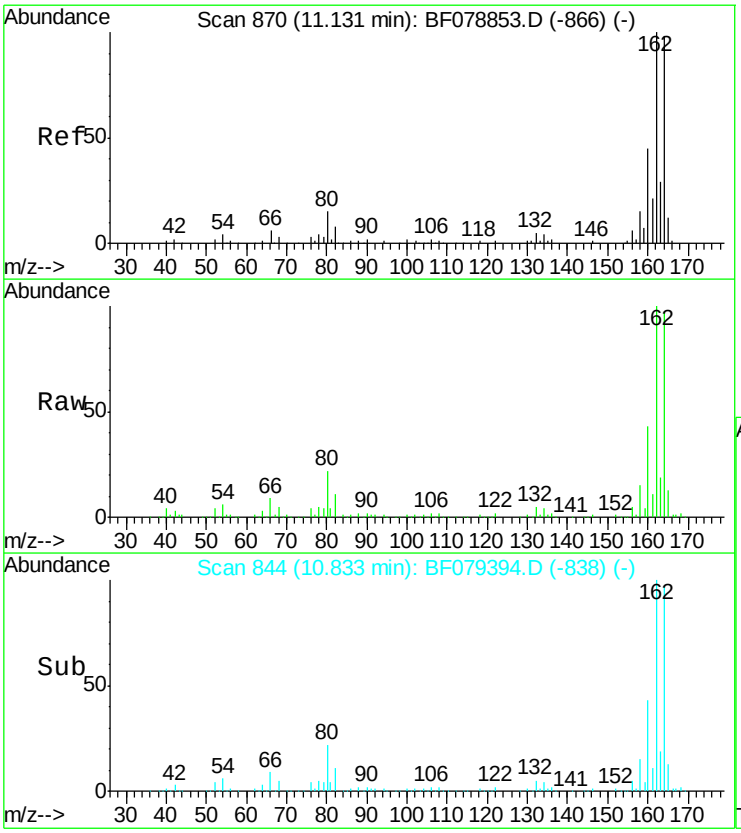
#23
Nitrobenzene-d5
Concen: 59.26 ng
RT: 7.78 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion: 82 Resp: 290682

Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.7	44.5
54	53.7	46.2	69.4

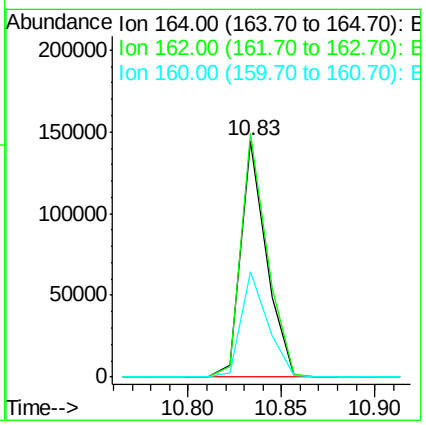


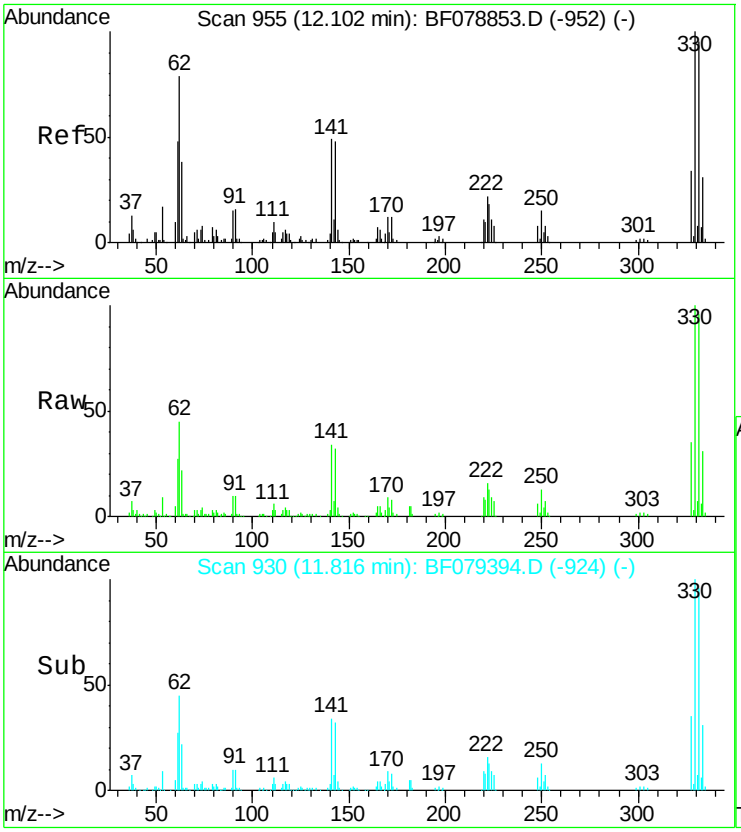


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.05 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:164 Resp: 138076

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.0
160	44.3	36.6	54.8



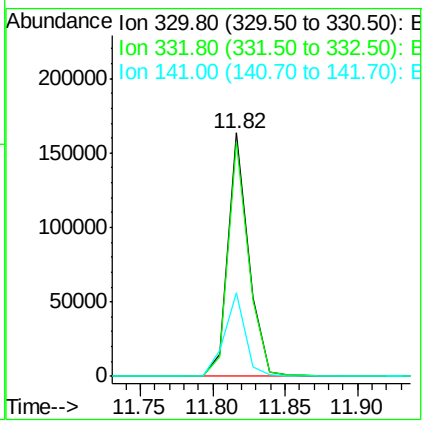


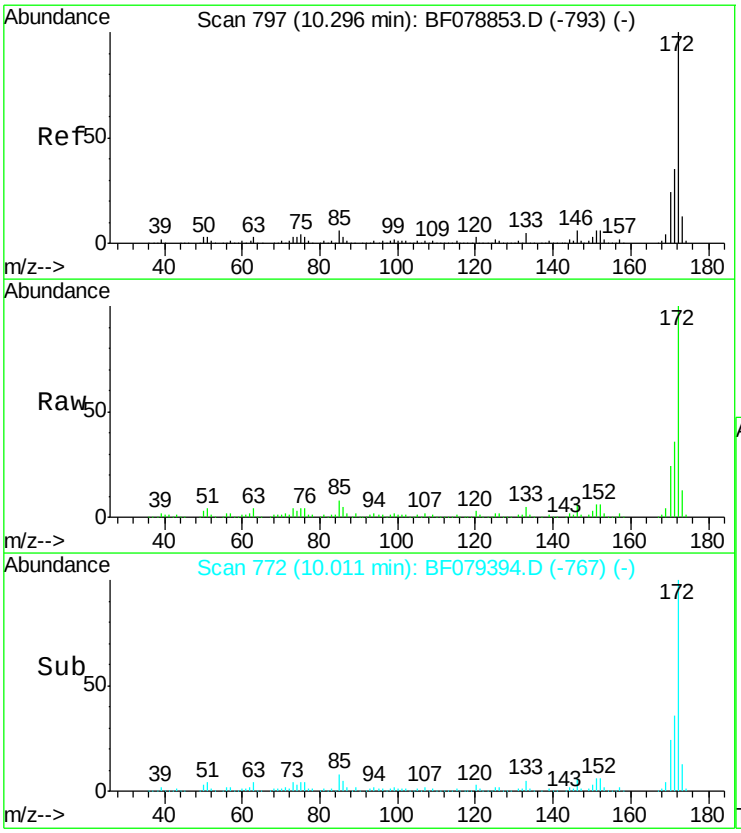
#41
2,4,6-Tribromophenol
Concen: 108.69 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.05 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion:330 Resp: 162358

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	34.6	27.8	41.8

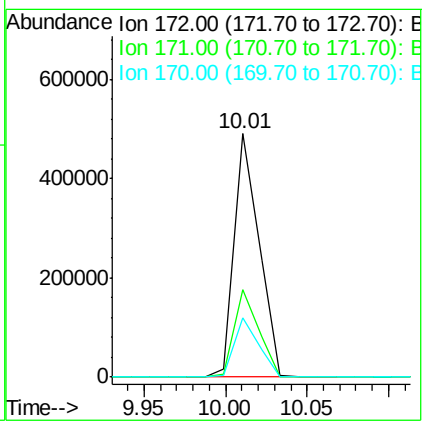


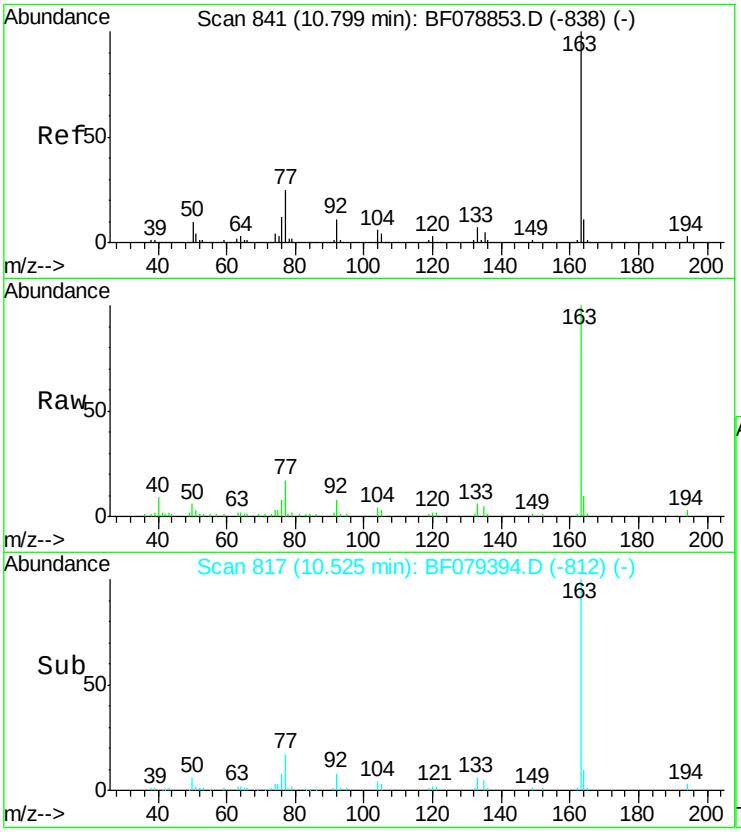


#44
2-Fluorobiphenyl
Concen: 51.92 ng
RT: 10.01 min Scan# 772
Delta R.T. -0.05 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:172 Resp: 514591

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	24.4	19.4	29.2



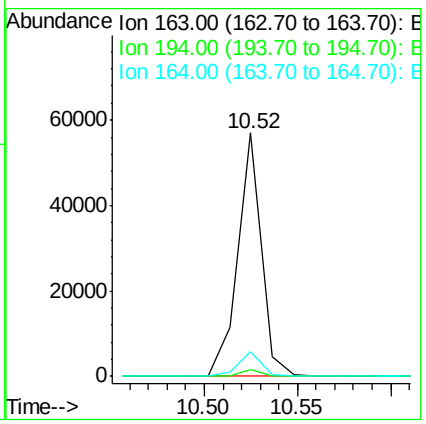


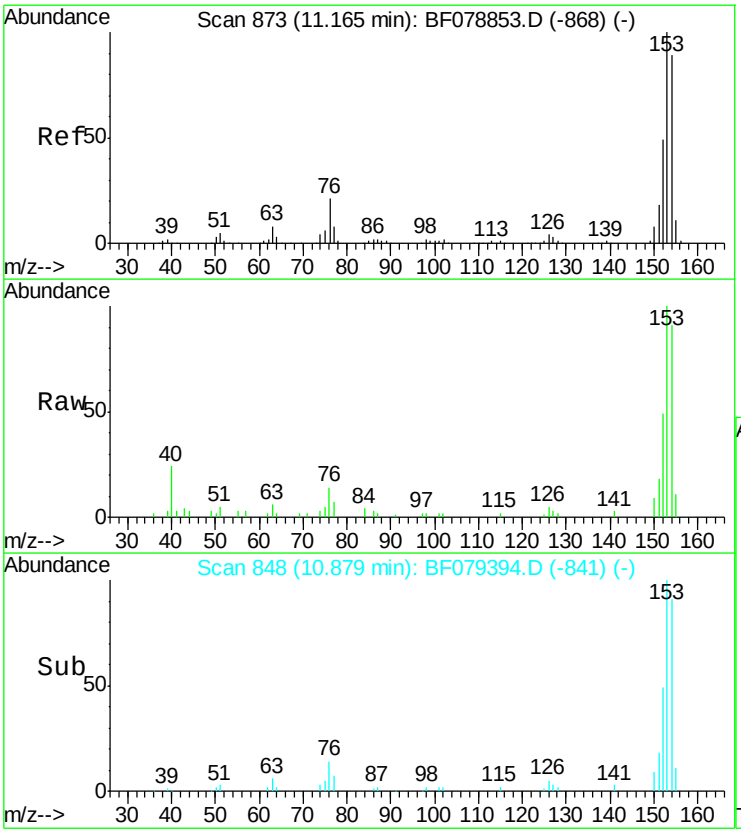
#49
Dimethylphthalate
Concen: 4.96 ng
RT: 10.52 min Scan# 817
Delta R.T. -0.05 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion:163 Resp: 50278

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.4	3.6
164	10.1	8.6	12.8

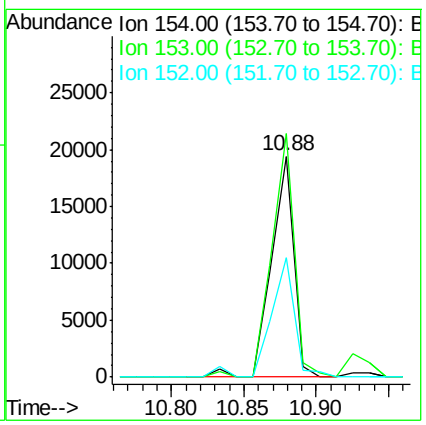


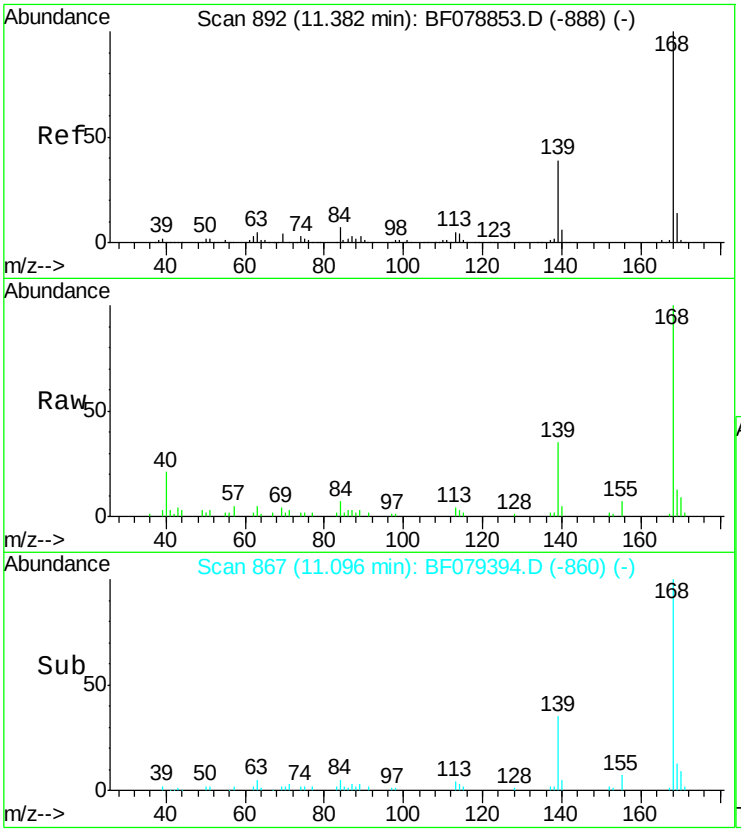


#51
Acenaphthene
Concen: 2.47 ng
RT: 10.88 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:154 Resp: 20698

Ion	Ratio	Lower	Upper
154	100		
153	110.3	90.2	135.2
152	54.3	43.8	65.8



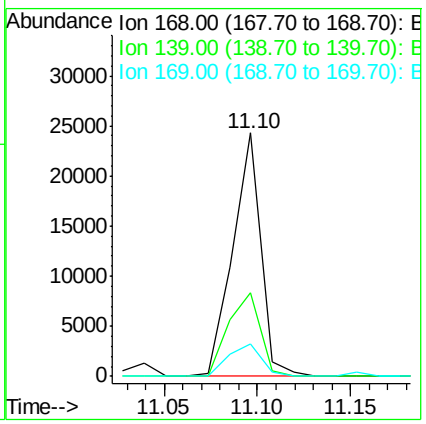


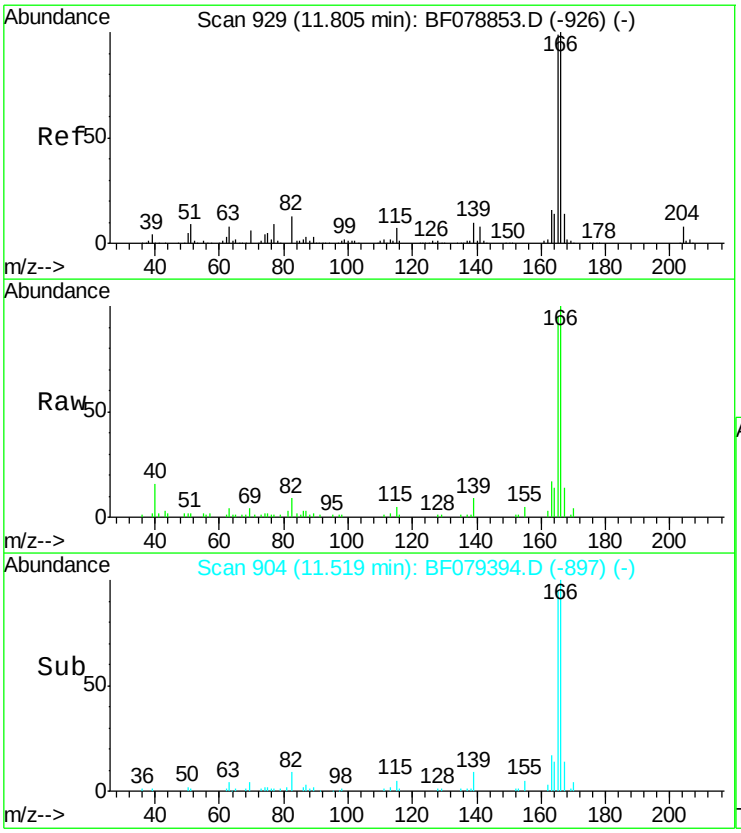
#54
Dibenzofuran
Concen: 2.12 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion:168 Resp: 25653

Ion	Ratio	Lower	Upper
168	100		
139	34.5	31.5	47.3
169	13.4	11.0	16.4

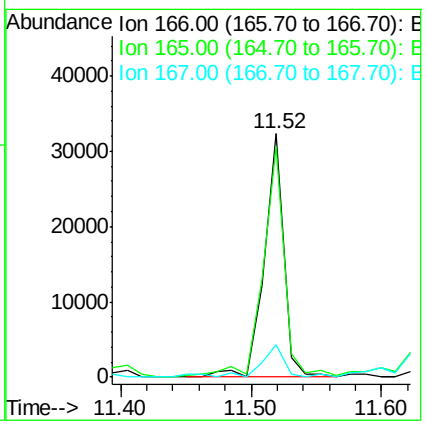


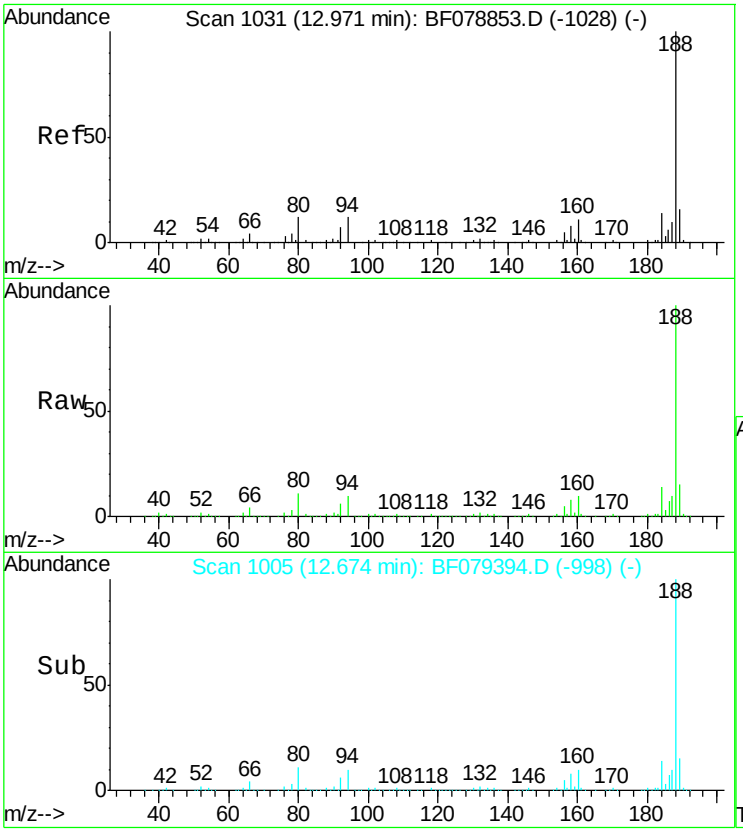


#57
Fluorene
Concen: 3.42 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:166 Resp: 33990

Ion	Ratio	Lower	Upper
166	100		
165	94.8	79.5	119.3
167	13.5	11.0	16.6



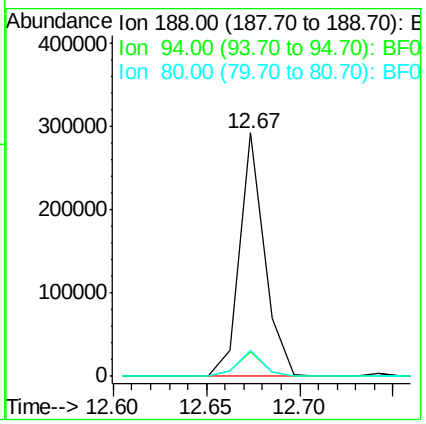


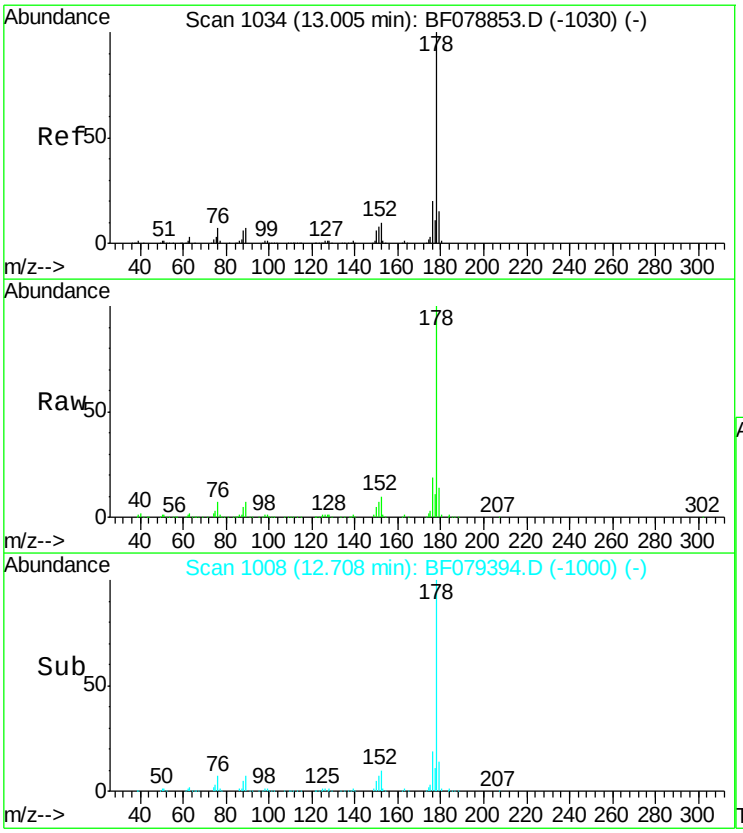
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1005
Delta R.T. -0.05 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion:188 Resp: 272262

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.0
80	10.6	9.8	14.6

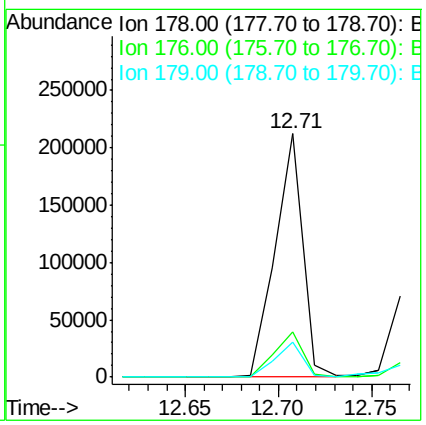


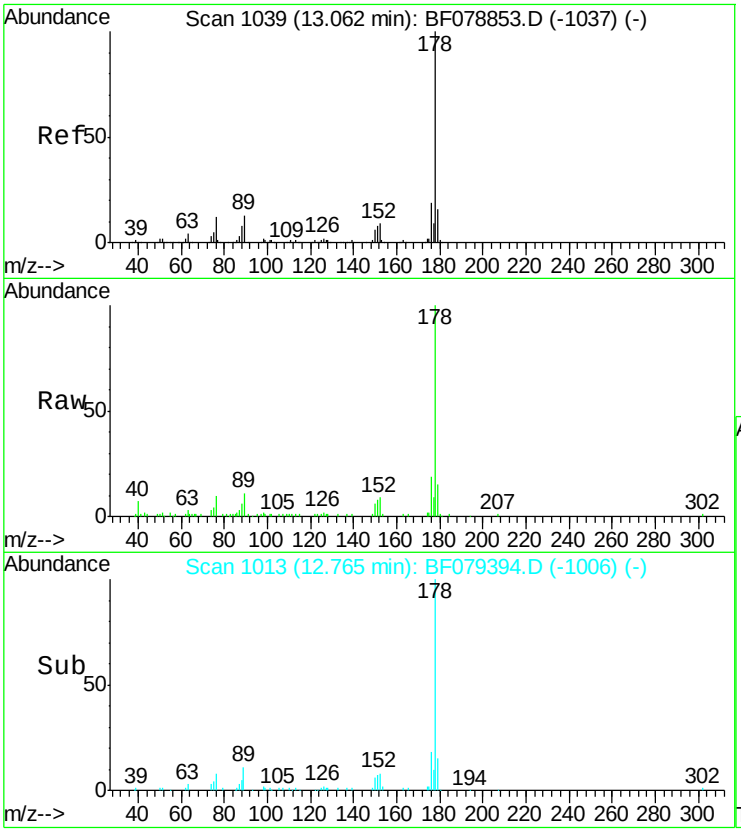


#70
Phenanthrene
Concen: 14.49 ng
RT: 12.71 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:178 Resp: 220779

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.9	23.9
179	14.5	12.2	18.4



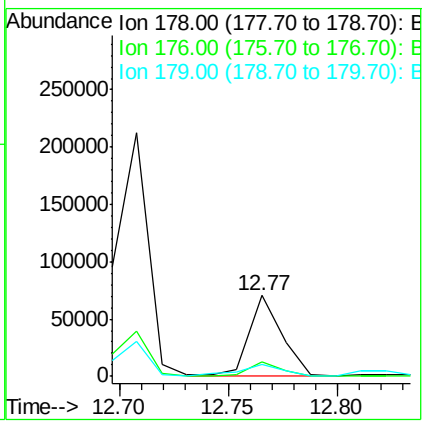


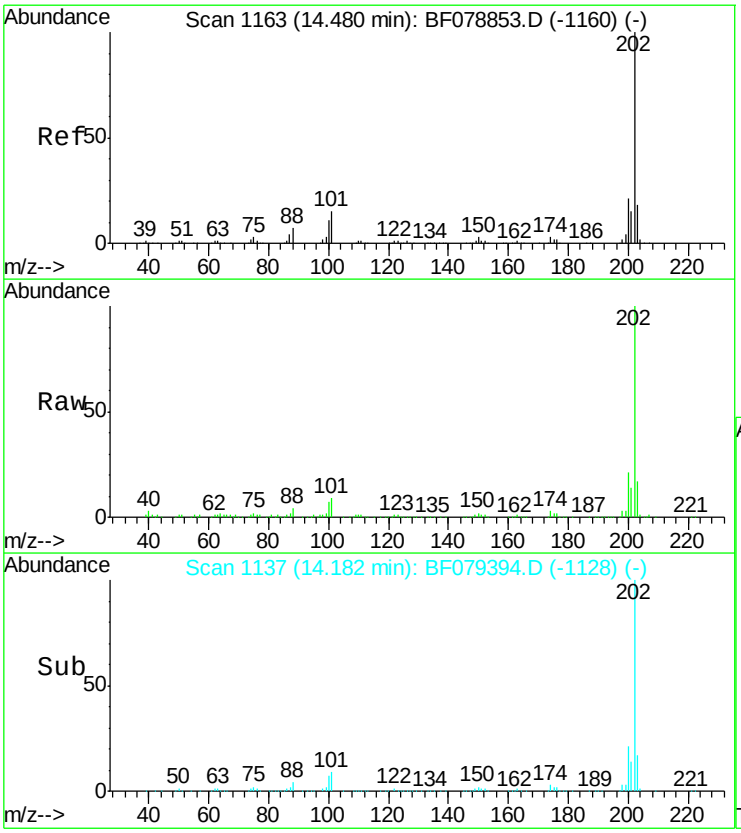
#71
Anthracene
Concen: 4.87 ng
RT: 12.77 min Scan# 1013
Delta R.T. -0.05 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion:178 Resp: 72764

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.1	12.6	19.0

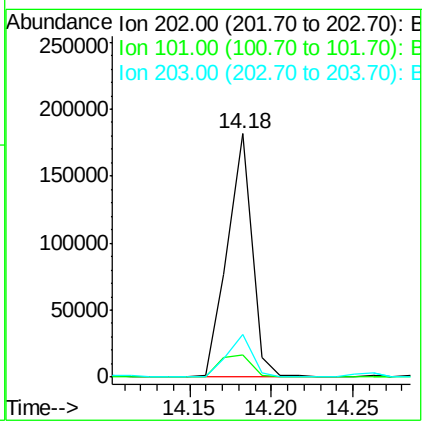


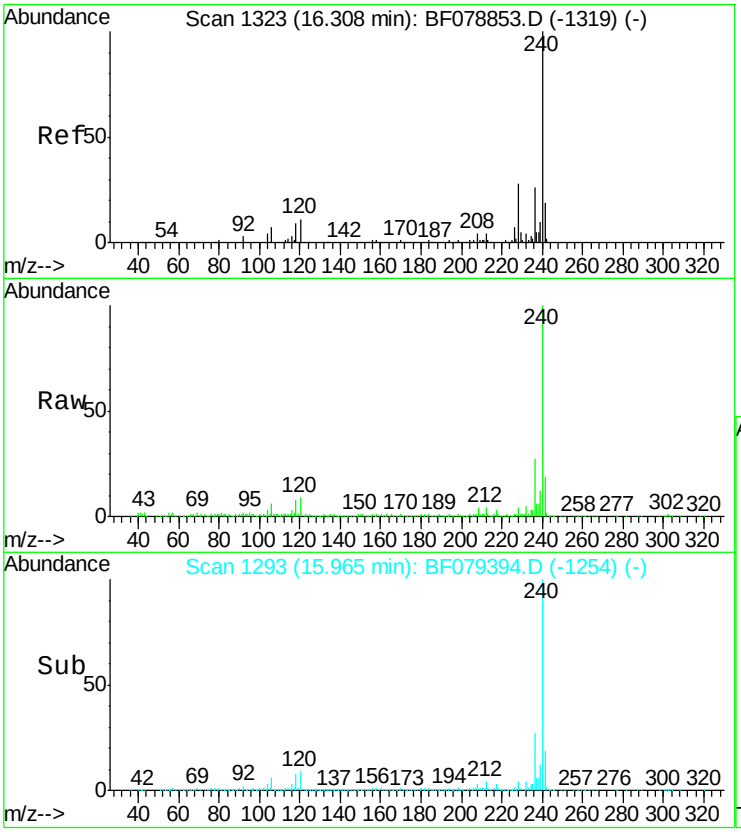


#74
Fluoranthene
Concen: 12.04 ng
RT: 14.18 min Scan# 1137
Delta R.T. -0.05 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:202 Resp: 191120

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.7
203	17.3	0.0	37.9



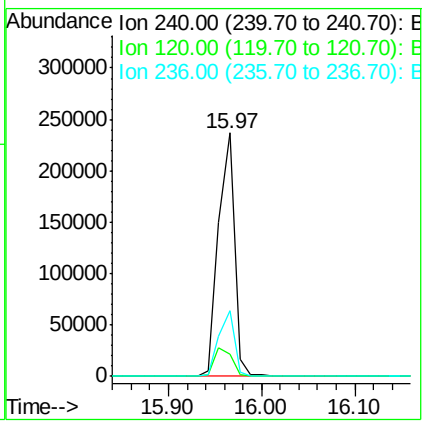


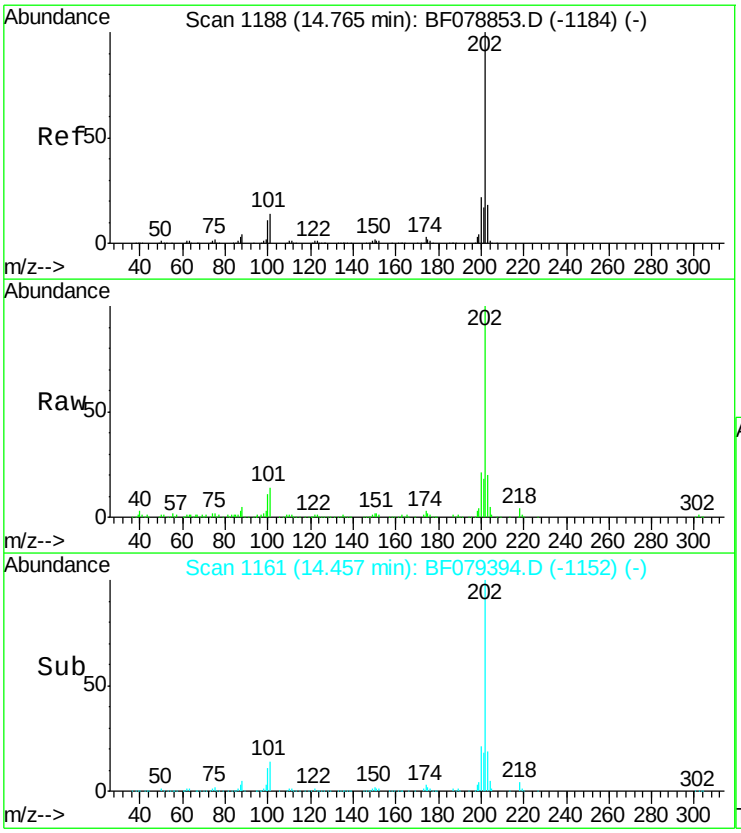
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1293
Delta R.T. -0.06 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion:240 Resp: 284996

Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.6	12.8
236	27.0	21.0	31.6

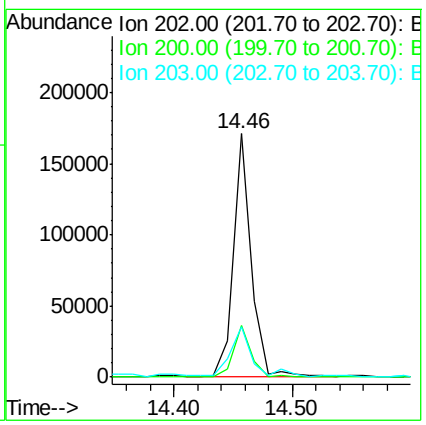


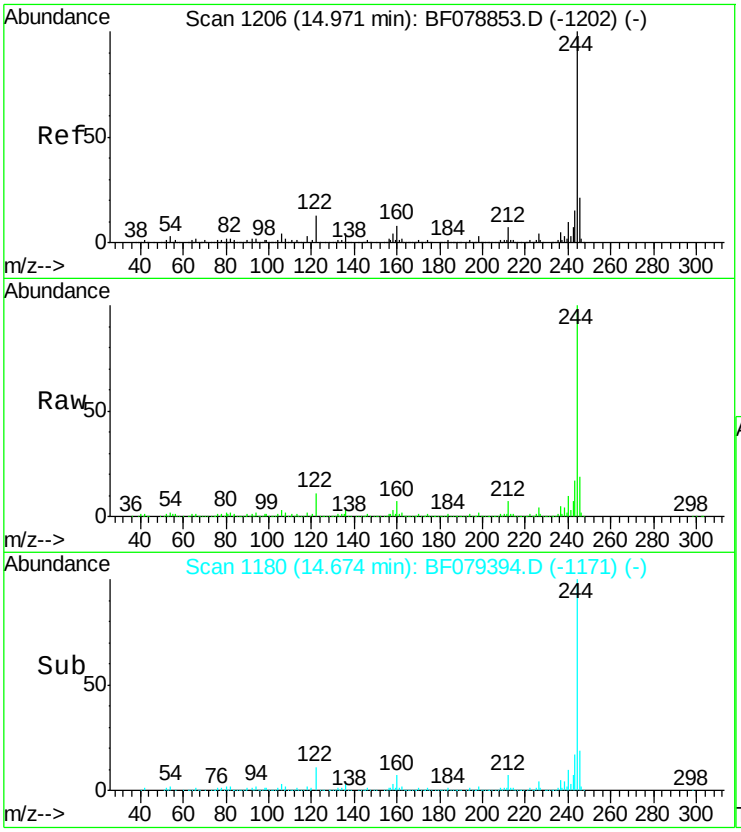


#77
Pyrene
Concen: 10.75 ng
RT: 14.46 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:202 Resp: 176621

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.5	26.3
203	20.4	14.7	22.1



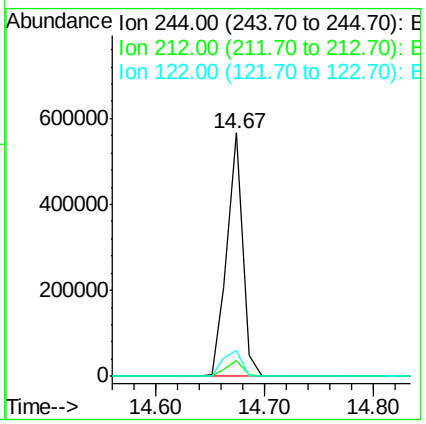


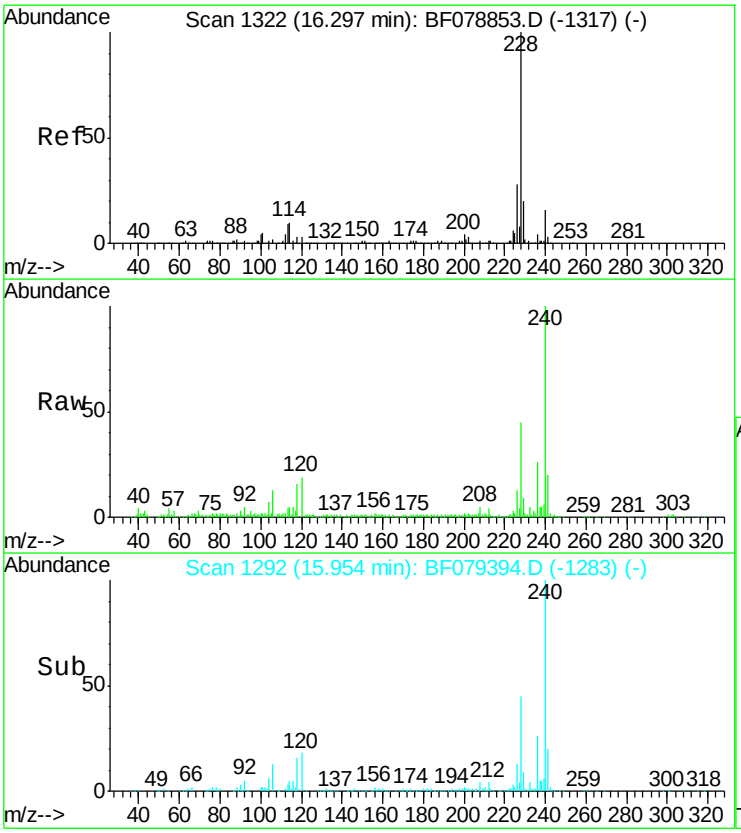
#78
Terphenyl-d14
Concen: 47.85 ng
RT: 14.67 min Scan# 1180
Delta R.T. -0.05 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion:244 Resp: 569598

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.6	10.5	15.7

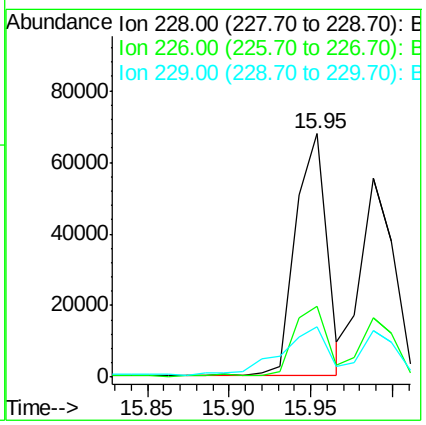


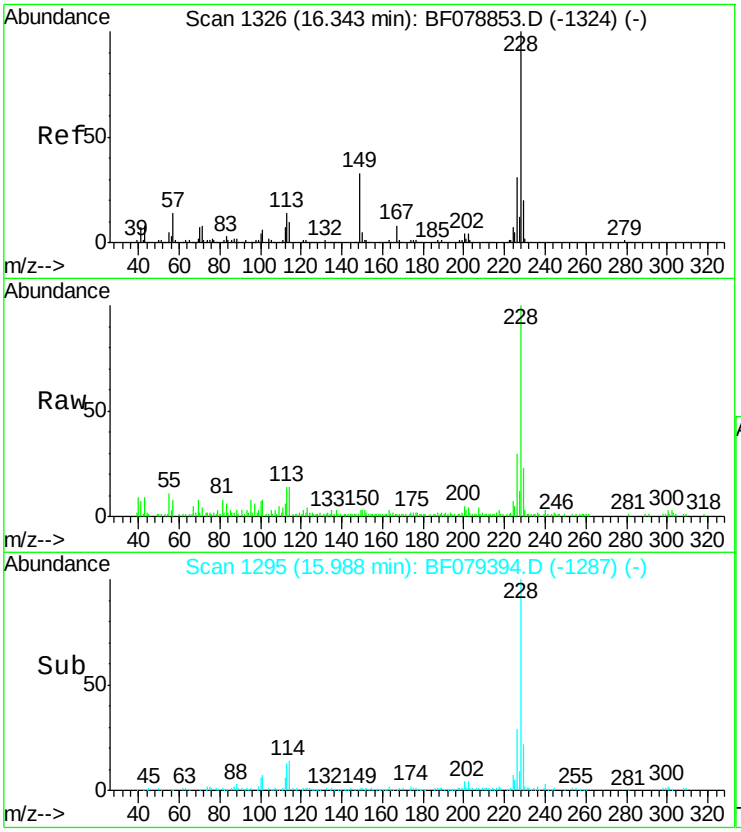


#80
Benzo(a)anthracene
Concen: 5.81 ng
RT: 15.95 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:228 Resp: 90623

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	20.5	16.1	24.1



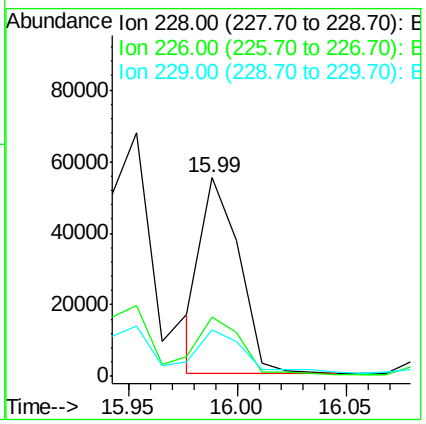


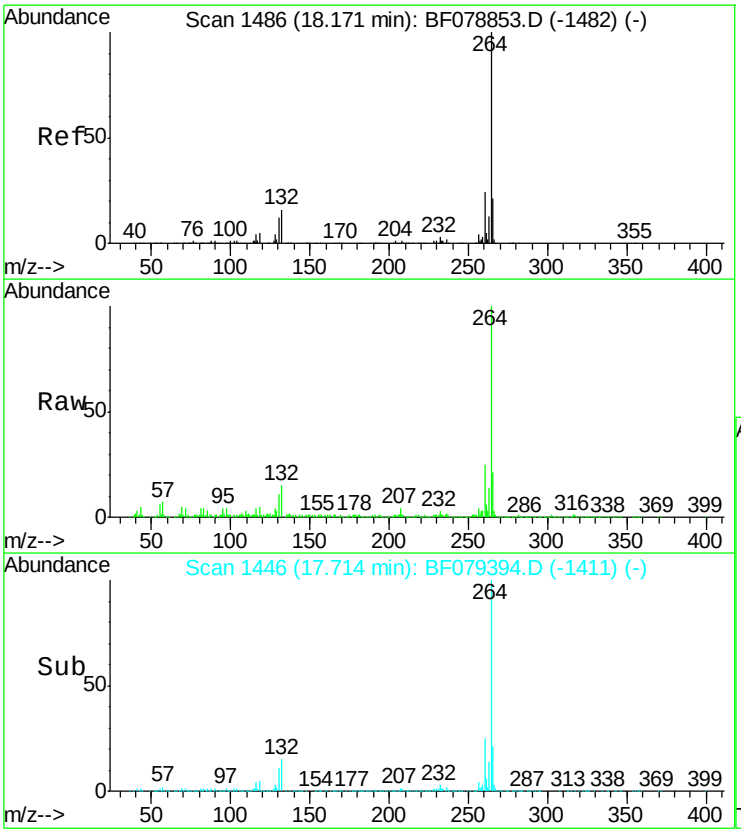
#82
Chrysene
Concen: 4.39 ng
RT: 15.99 min Scan# 1295
Delta R.T. -0.07 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion:228 Resp: 65836

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.8	37.2
229	23.4	16.1	24.1

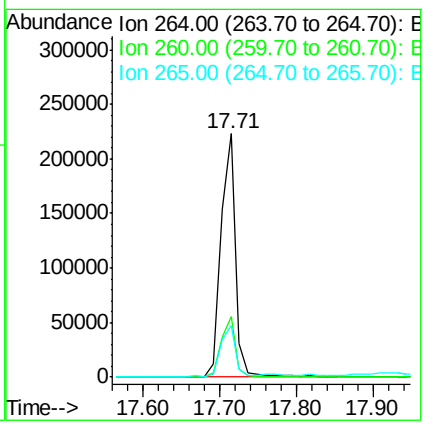


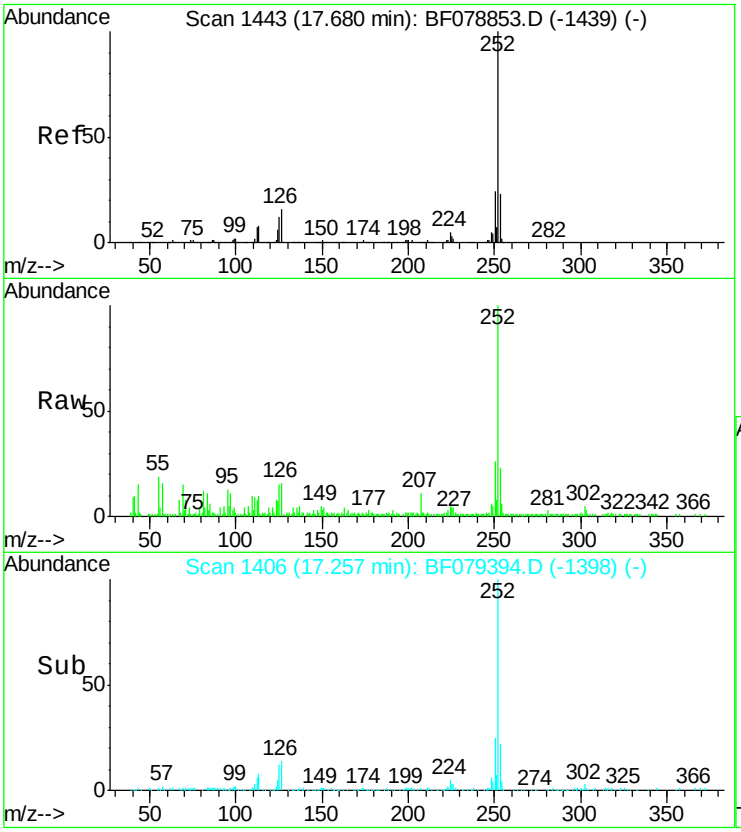


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. -0.10 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:264 Resp: 296425

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.3	17.2	25.8



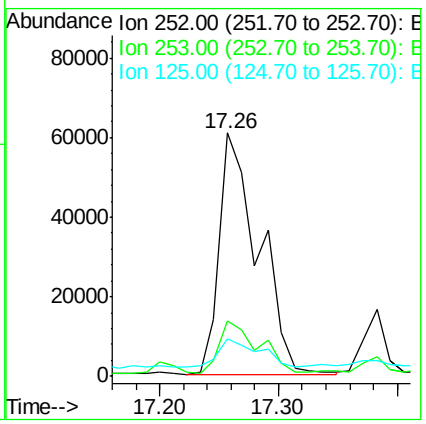


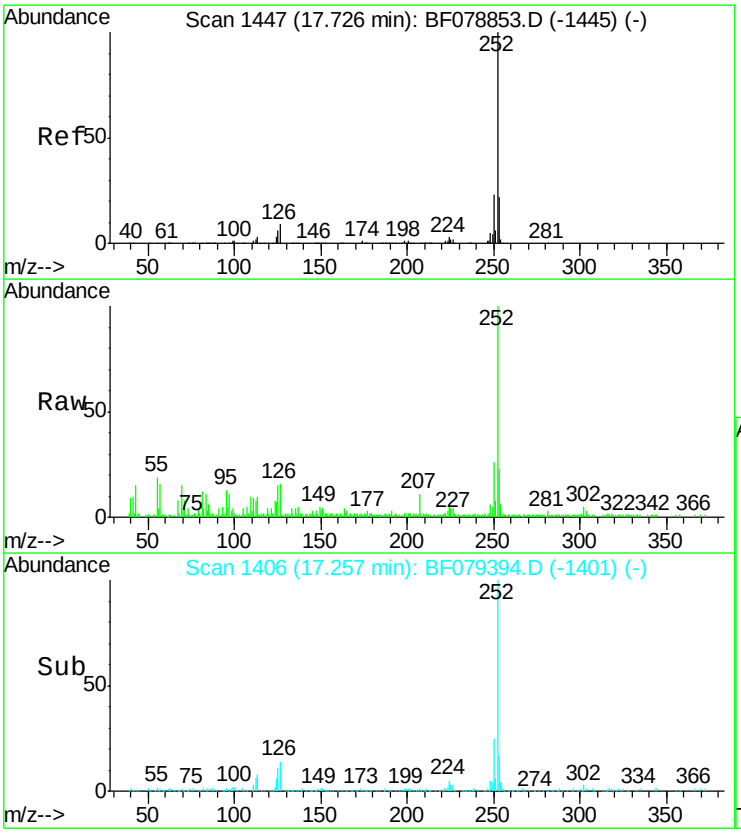
#87
Benzo(b)fluoranthene
Concen: 8.62 ng
RT: 17.26 min Scan# 1406
Delta R.T. -0.09 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion:252 Resp: 139796

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.5	9.4	14.2#

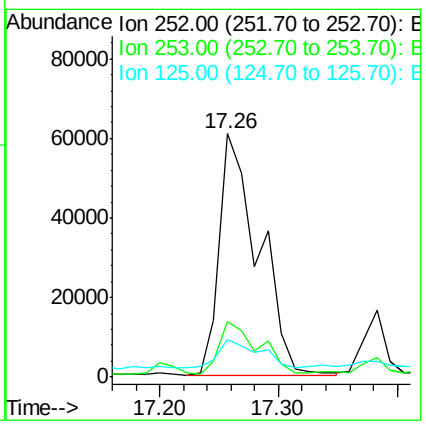


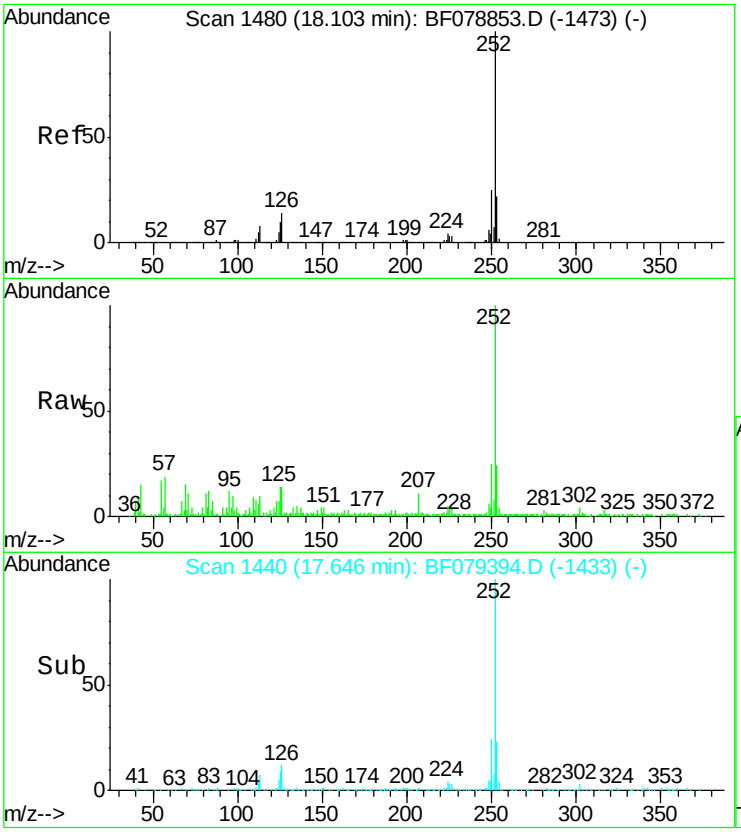


#88
Benzo(k)fluoranthene
Concen: 8.90 ng
RT: 17.26 min Scan# 1406
Delta R.T. -0.13 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:252 Resp: 139796

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	15.5	6.1	9.1#



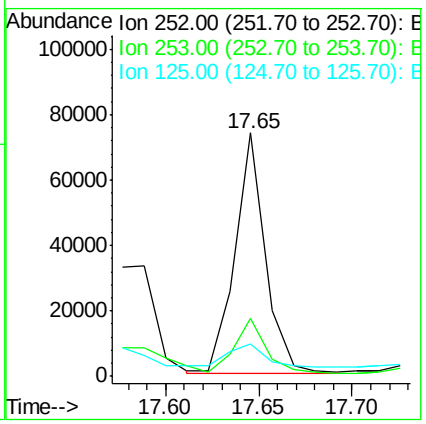


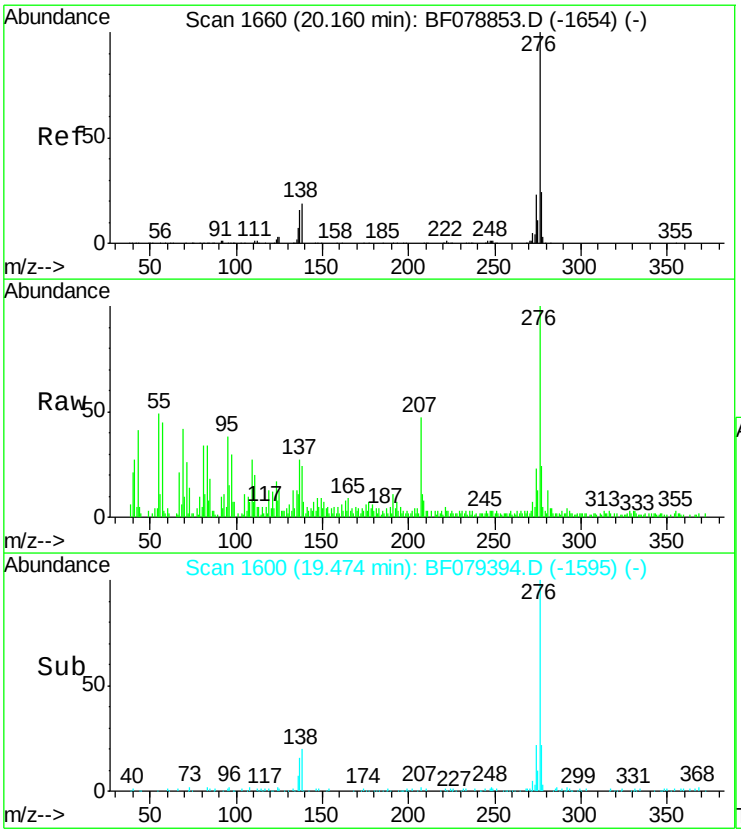
#89
Benzo(a)pyrene
Concen: 5.64 ng
RT: 17.65 min Scan# 1440
Delta R.T. -0.10 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Instrument :
BNA_F
ClientSampleId :
LS-SB04B(10-10.5)

Tgt Ion:252 Resp: 84245

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	13.6	8.2	12.2#





#91
Benzo(g,h,i)perylene
Concen: 3.19 ng
RT: 19.47 min Scan# 1600
Delta R.T. -0.15 min
Lab File: BF079394.D
Acq: 20 May 2015 22:49

Tgt Ion:276 Resp: 50714

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	23.9	15.2	22.8#