Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079240.D
Acq On : 14 May 2015 18:51
Operator : TP/IZ
Sample : G2215-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-39D

Quant Time: May 15 03:28:28 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 02:17:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	50792	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	212084	20.00	ng	-0.01
38) Acenaphthene-d10	10.97	164	106013	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	203981	20.00	ng	0.00
75) Chrysene-d12	16.14	240	225121	20.00	ng	-0.10
86) Perylene-d12	18.02	264	251917	20.00	ng	-0.27
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	237561m	80.51	ng	0.00
7) Phenol-d6	6.79	99	321677	82.48	ng	0.00
23) Nitrobenzene-d5	7.91	82	186911	50.65	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	94613	82.50	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	334931	44.02	ng	-0.01
78) Terphenyl-d14	14.81	244	378787	40.28	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.82	128	50841	5.03	ng	98
37) 2-Methylnaphthalene	9.68	142	44139	6.30	ng	98
51) Acenaphthene	11.01	154	43596	6.77	ng	100
54) Dibenzofuran	11.22	168	28935	3.11	ng	94
57) Fluorene	11.65	166	62150	8.14	ng	98
70) Phenanthrene	12.85	178	604180	52.94	ng	100
71) Anthracene	12.90	178	161591	14.43	ng	99
72) Carbazole	13.11	167	35659	3.34	ng	99
74) Fluoranthene	14.32	202	737296	62.00	ng	99
77) Pyrene	14.61	202	774470	59.70	ng	100
80) Benzo(a)anthracene	16.13	228	360847	29.27	ng	95
82) Chrysene	16.17	228	316893	26.73	ng	97
85) Indeno(1,2,3-cd)pyrene	19.49	276	209258m	13.85	ng	
87) Benzo(b)fluoranthene	17.53	252	423200m	30.69	ng	
88) Benzo(k)fluoranthene	17.57	252	149930m	11.23	ng	
89) Benzo(a)pyrene	17.95	252	334610	26.35	ng	98
90) Dibenzo(a,h)anthracene	19.51	278	51818m	3.84	ng	
91) Benzo(g,h,i)perylene	19.91	276	205237	15.18	ng	95

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

Quantitation Report (LSC Reviewed)

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Misc :
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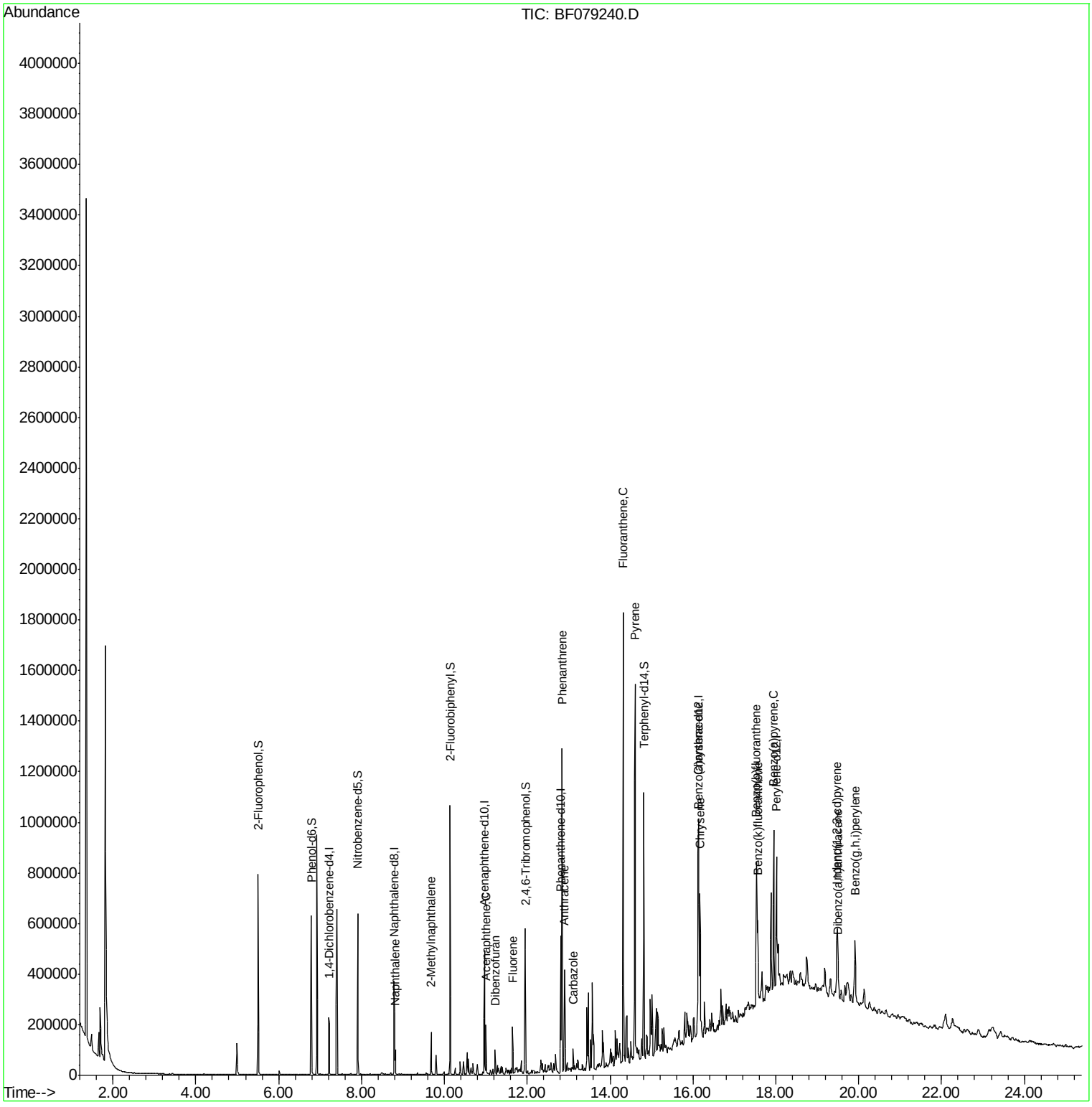
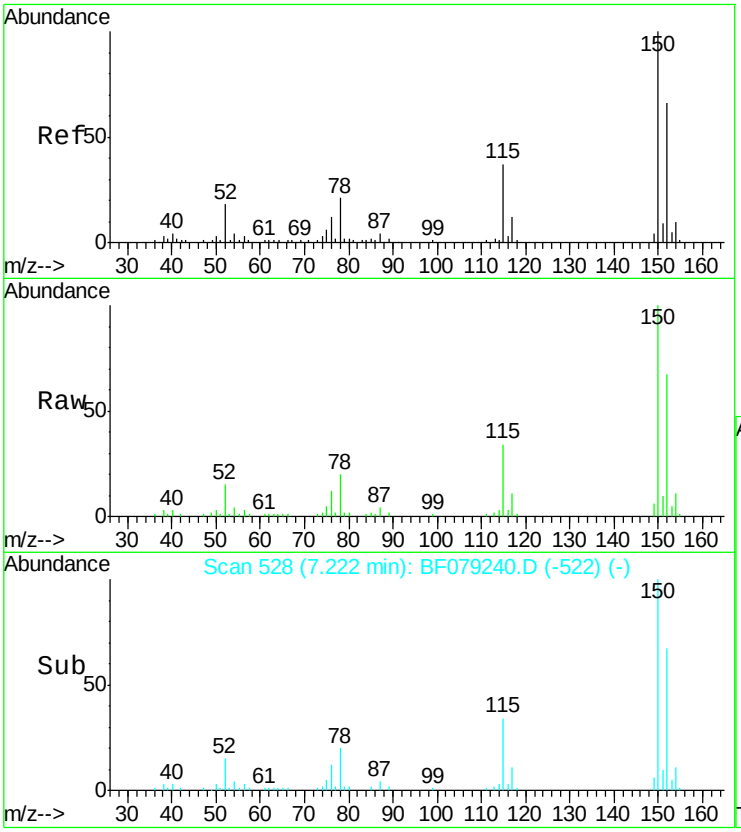


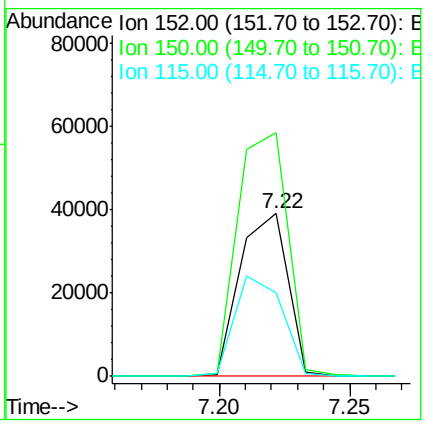


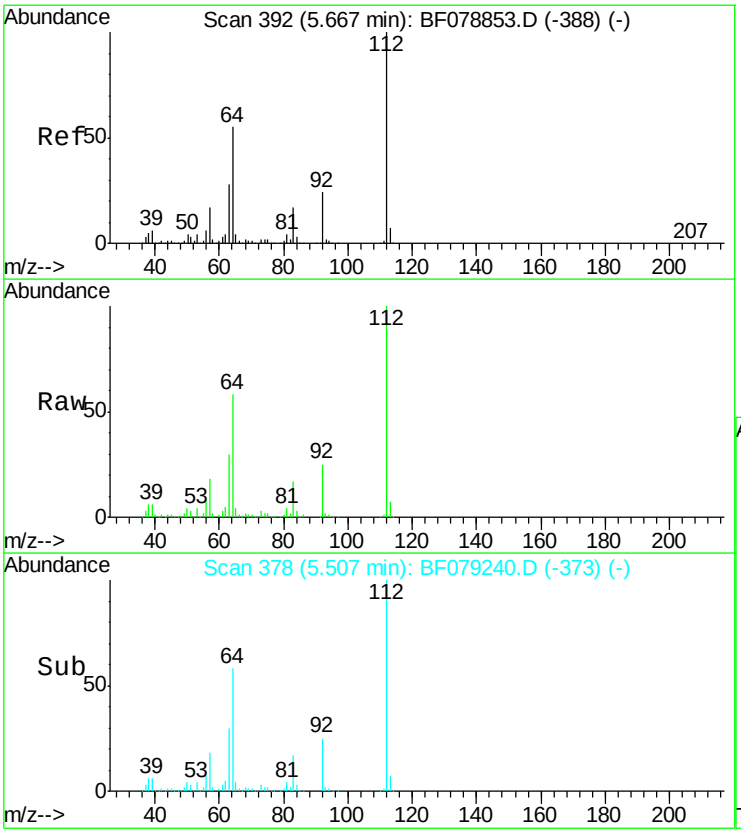
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:152 Resp: 50792

Ion	Ratio	Lower	Upper
152	100		
150	149.8	123.8	185.8
115	51.1	49.4	74.0

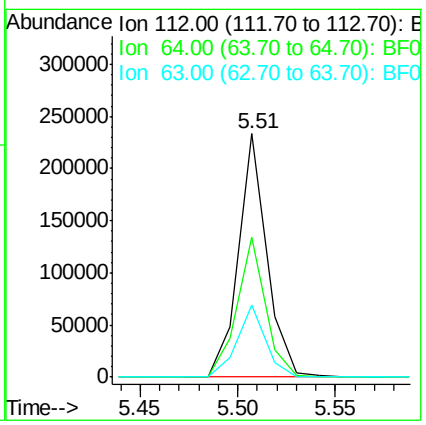


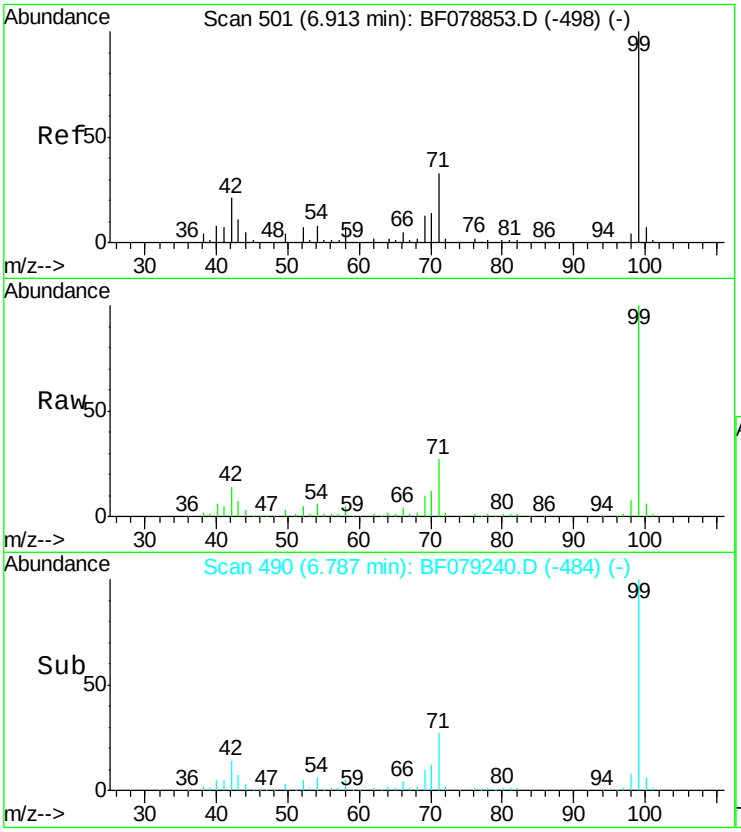


#5
2-Fluorophenol
Concen: 80.51 ng m
RT: 5.51 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:112 Resp: 237561

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.2	66.2
63	29.7	22.7	34.1



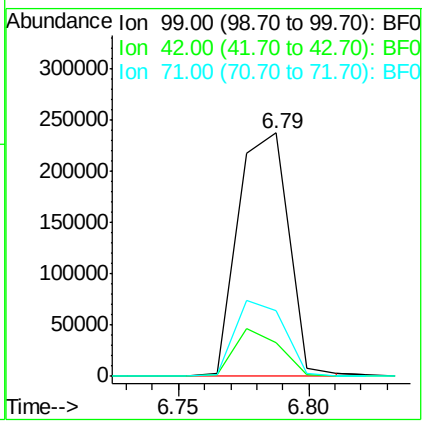


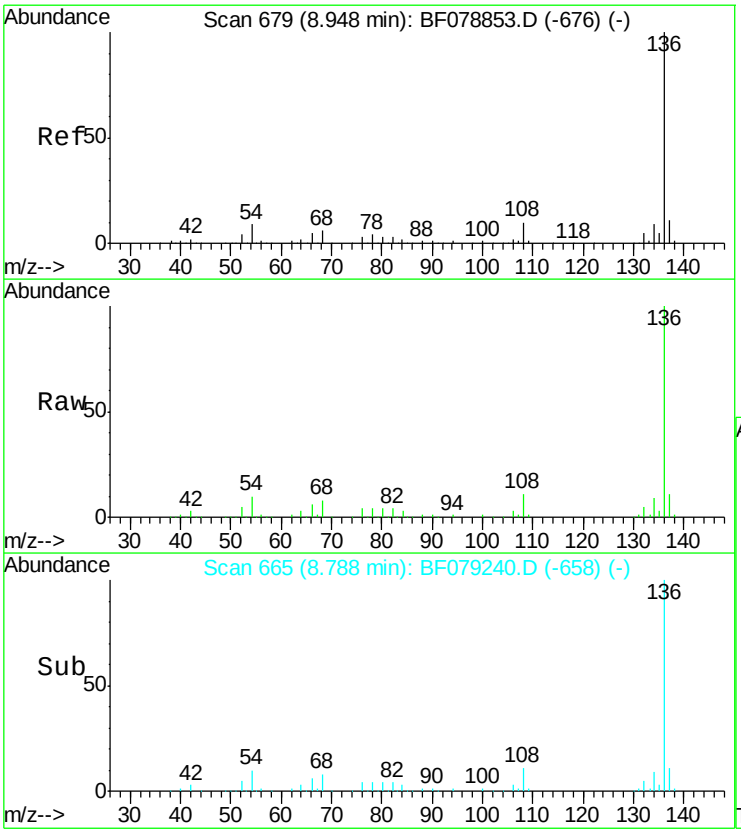
#7
Phenol-d6
Concen: 82.48 ng
RT: 6.79 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion: 99 Resp: 321677

Ion	Ratio	Lower	Upper
99	100		
42	13.8	17.1	25.7#
71	27.0	26.3	39.5

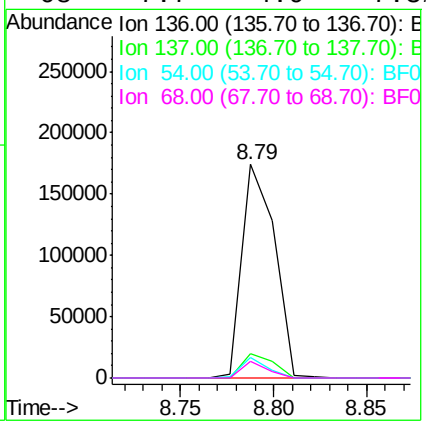


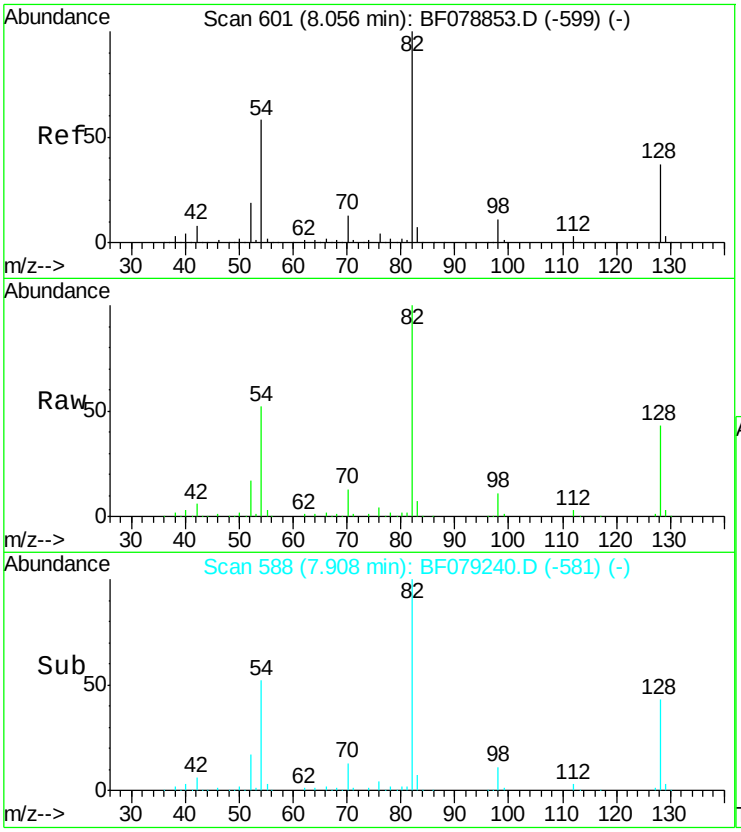


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:136 Resp: 212084

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.9	6.9	10.3
68	7.7	4.9	7.3#



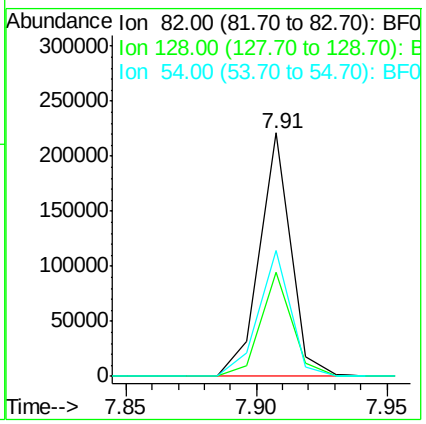


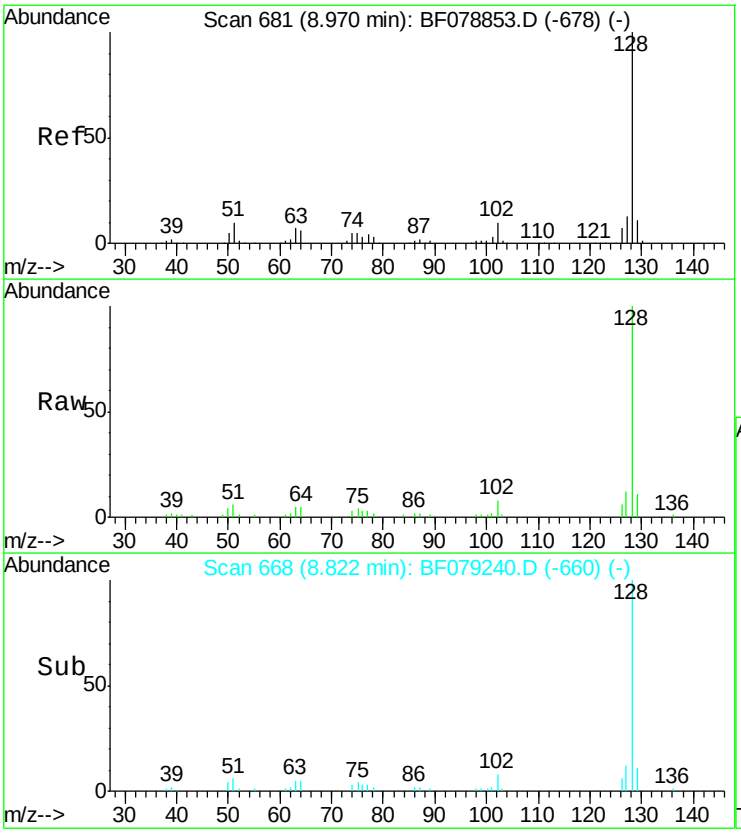
#23
Nitrobenzene-d5
Concen: 50.65 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion: 82 Resp: 186911

Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.7	44.5
54	51.9	46.2	69.4

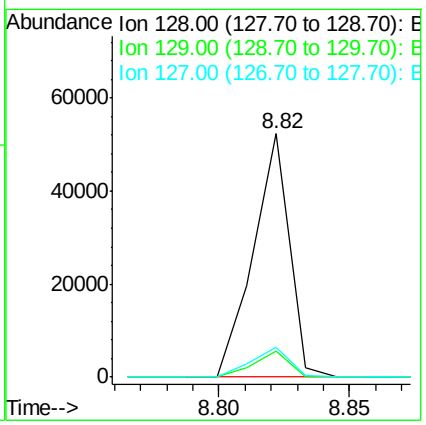


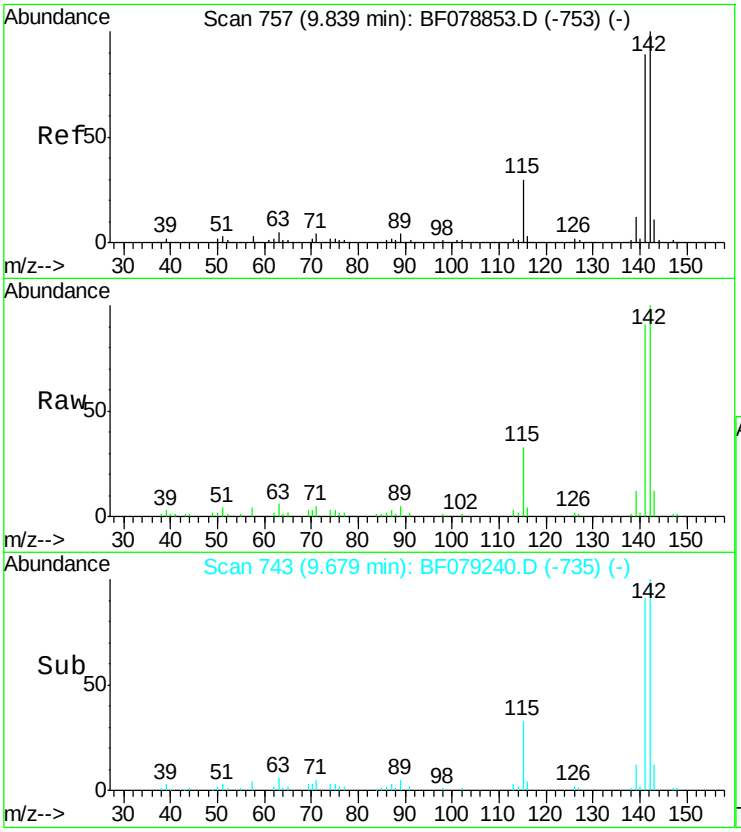


#31
Naphthalene
Concen: 5.03 ng
RT: 8.82 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:128 Resp: 50841

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.2	13.8
127	12.4	10.3	15.5



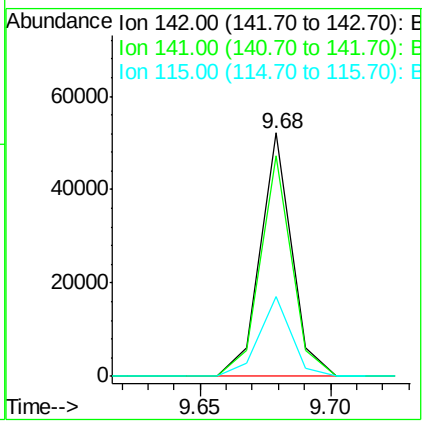


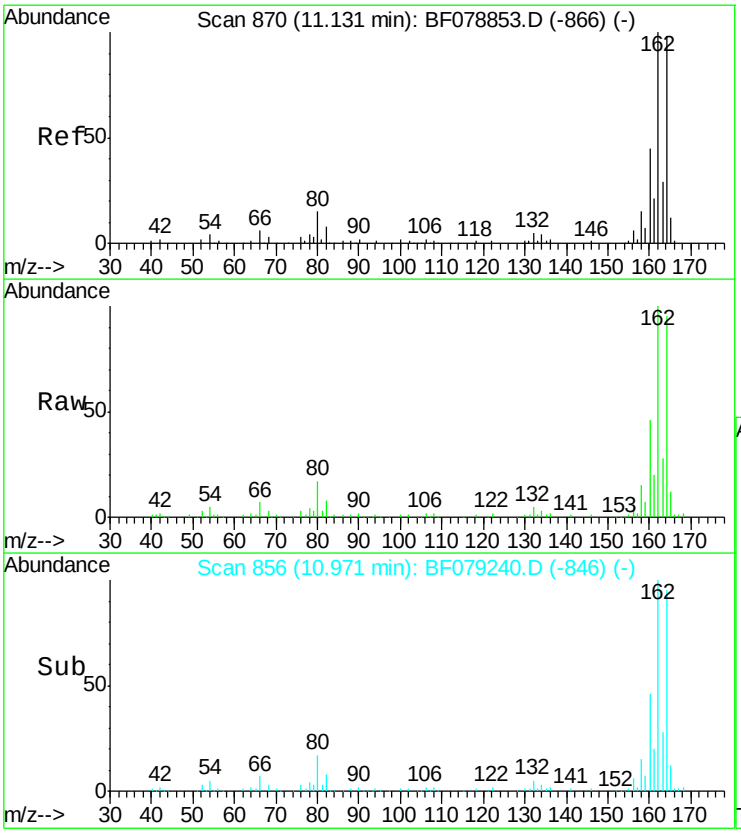
#37
2-Methylnaphthalene
Concen: 6.30 ng
RT: 9.68 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:142 Resp: 44139

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.6	107.4
115	32.7	24.2	36.4

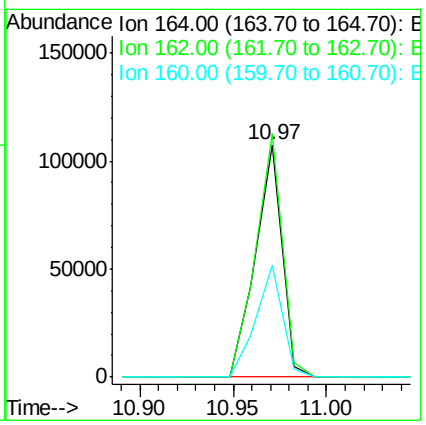


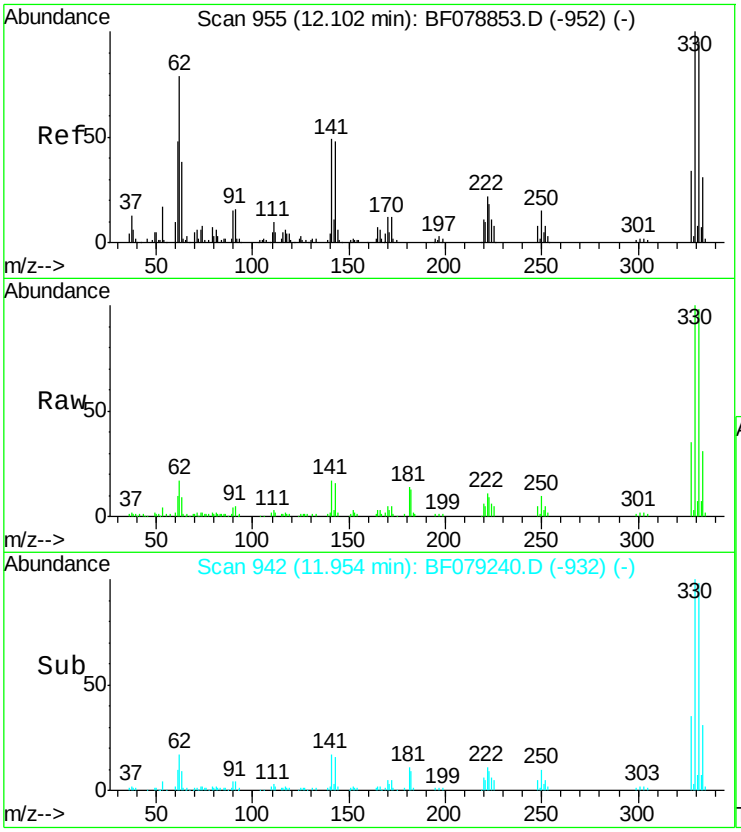


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:164 Resp: 106013

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.4	122.0
160	48.0	36.6	54.8



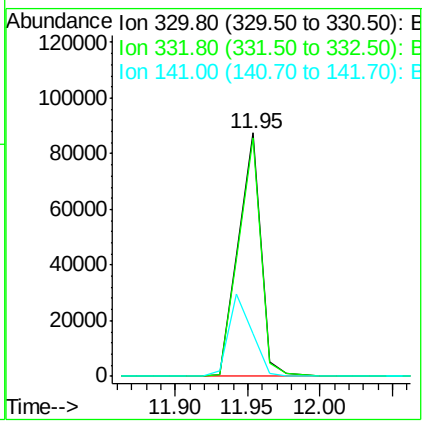


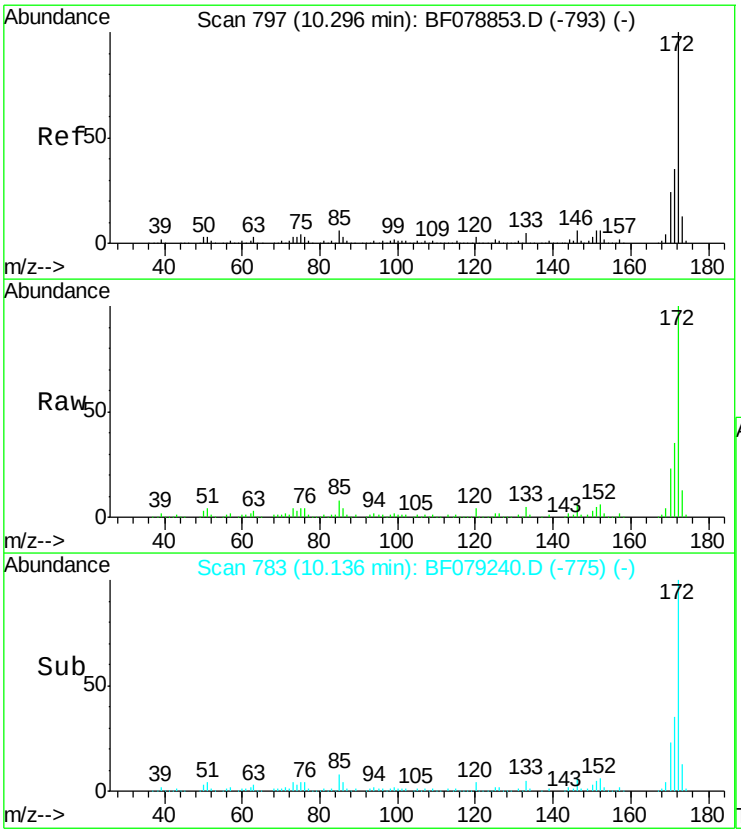
#41
2,4,6-Tribromophenol
Concen: 82.50 ng
RT: 11.95 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:330 Resp: 94613

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.9	115.3
141	34.6	27.8	41.8

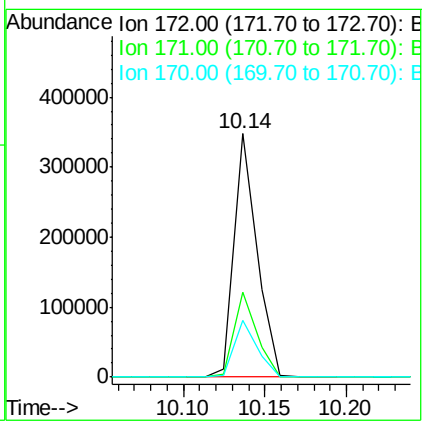


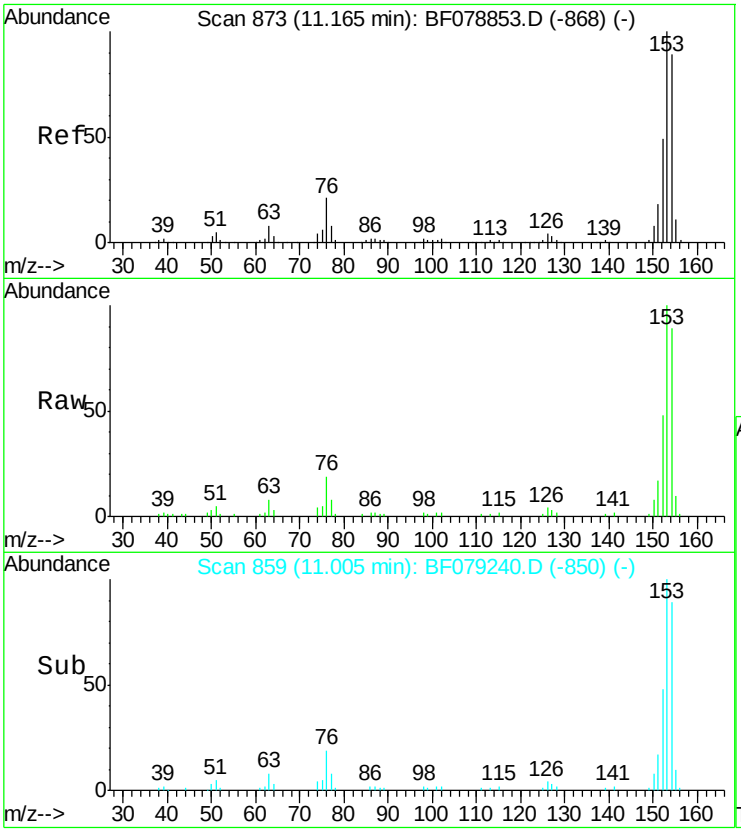


#44
2-Fluorobiphenyl
Concen: 44.02 ng
RT: 10.14 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:172 Resp: 334931

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	23.5	19.4	29.2



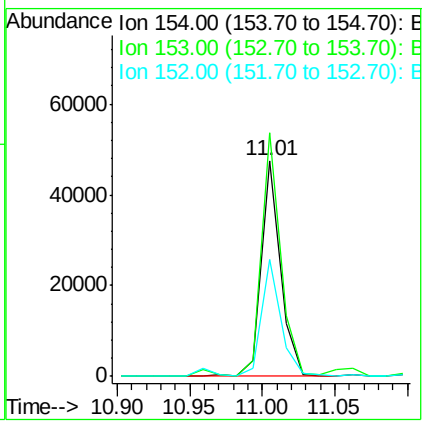


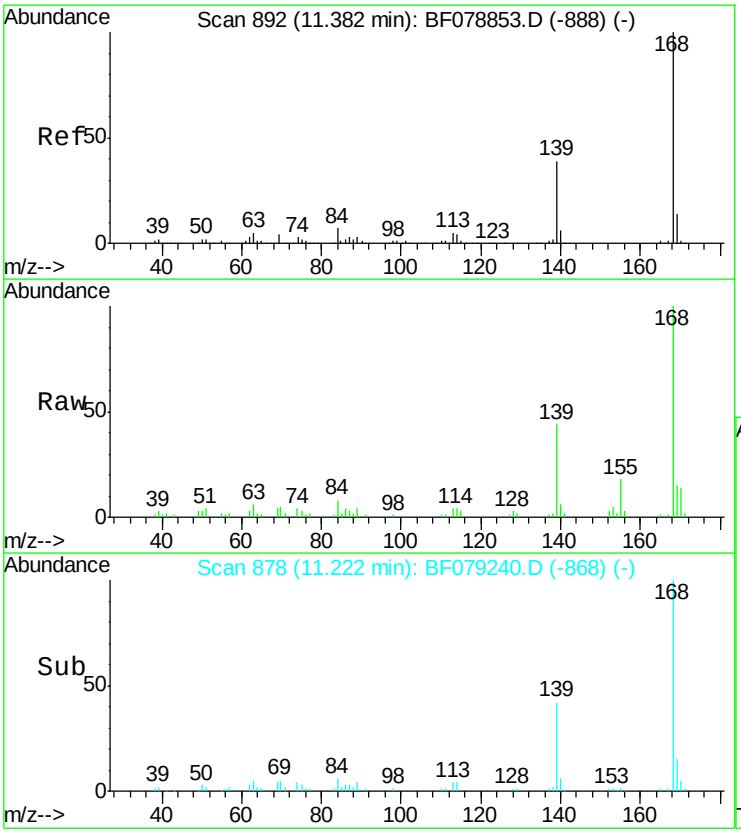
#51
Acenaphthene
Concen: 6.77 ng
RT: 11.01 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:154 Resp: 43596

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	54.3	43.8	65.8

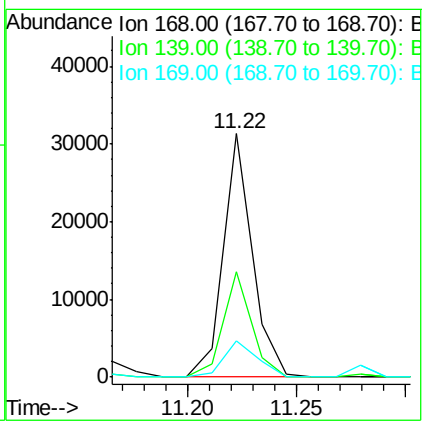


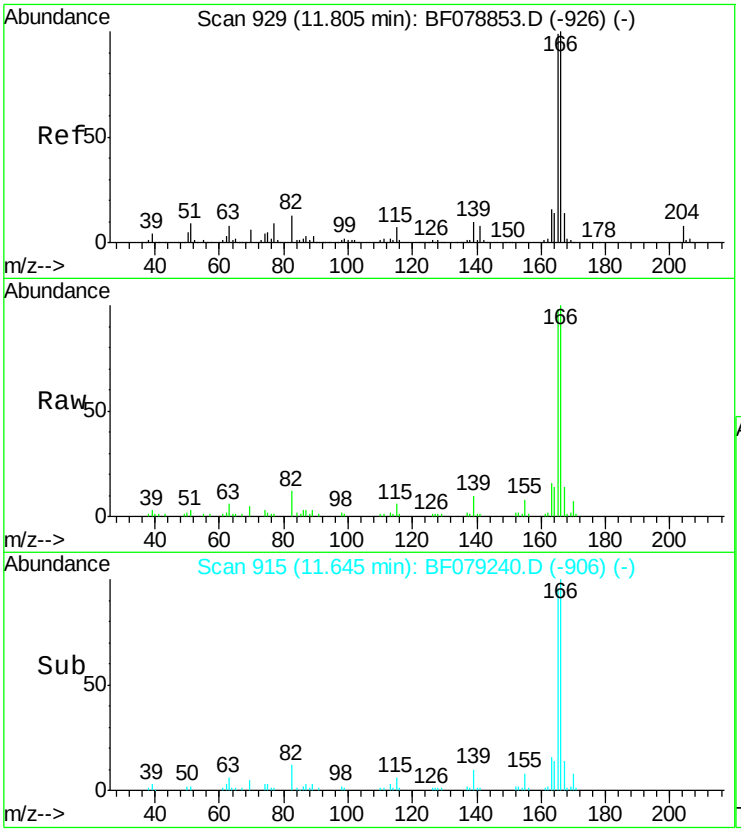


#54
Dibenzofuran
Concen: 3.11 ng
RT: 11.22 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:168 Resp: 28935

Ion	Ratio	Lower	Upper
168	100		
139	43.5	31.5	47.3
169	14.8	11.0	16.4



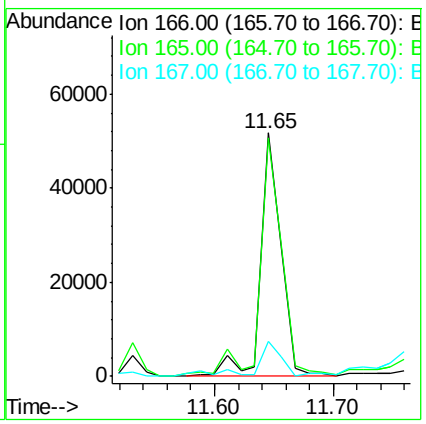


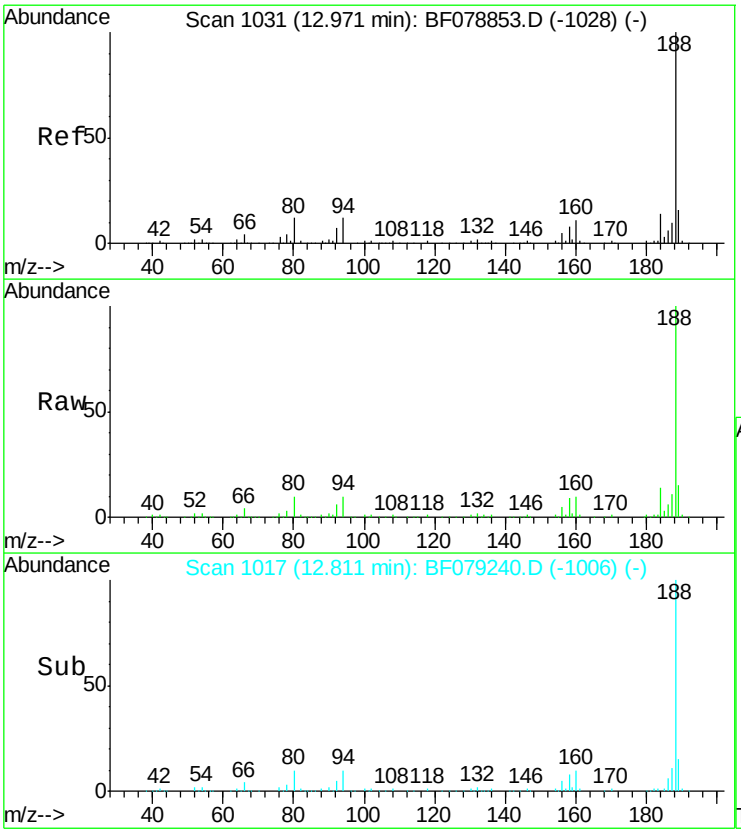
#57
Fluorene
Concen: 8.14 ng
RT: 11.65 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:166 Resp: 62150

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.5	119.3
167	14.2	11.0	16.6

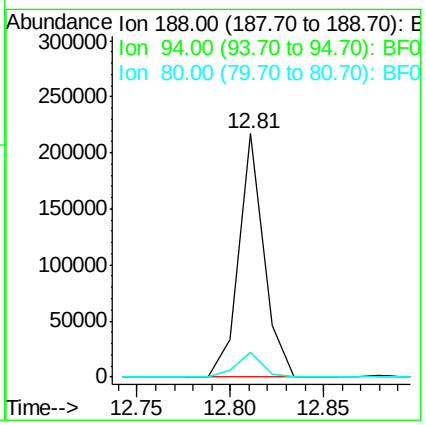


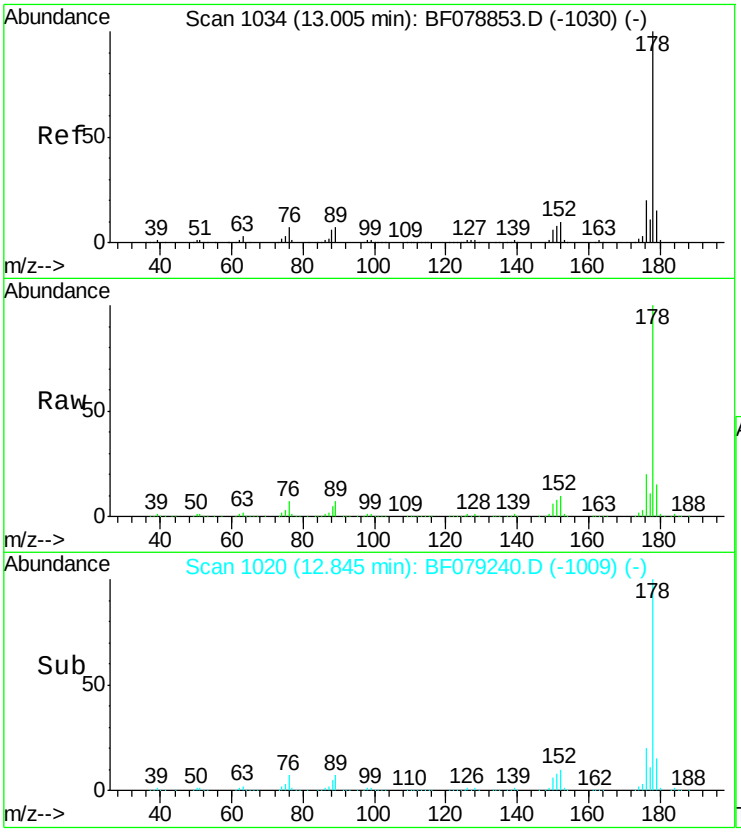


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:188 Resp: 203981

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.0
80	10.4	9.8	14.6



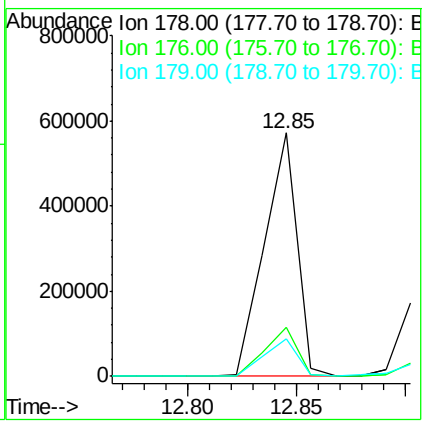


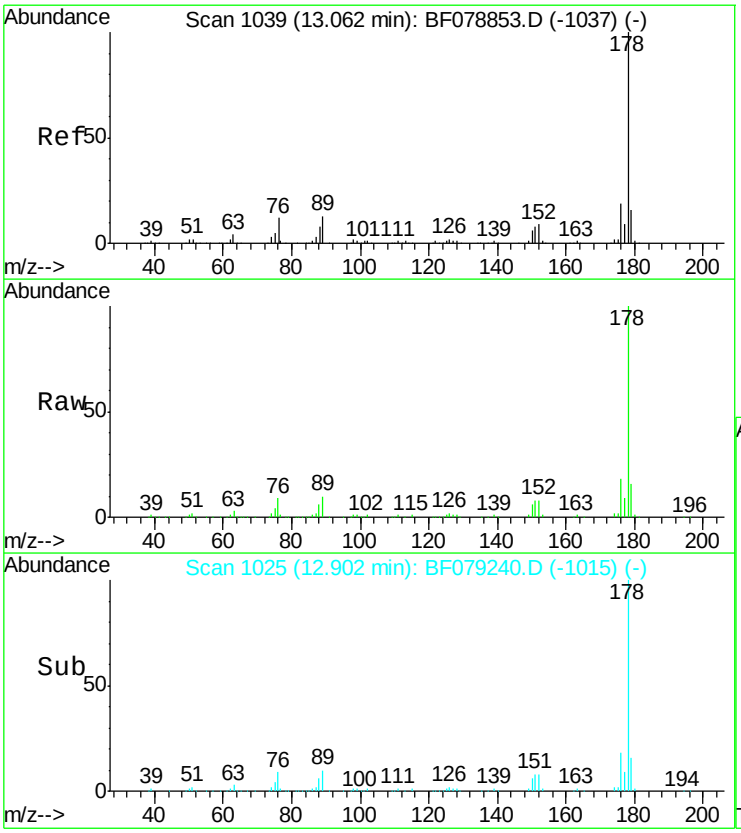
#70
Phenanthrene
Concen: 52.94 ng
RT: 12.85 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:178 Resp: 604180

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.3	12.2	18.4

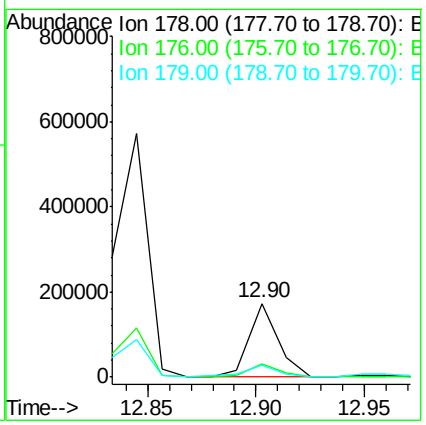


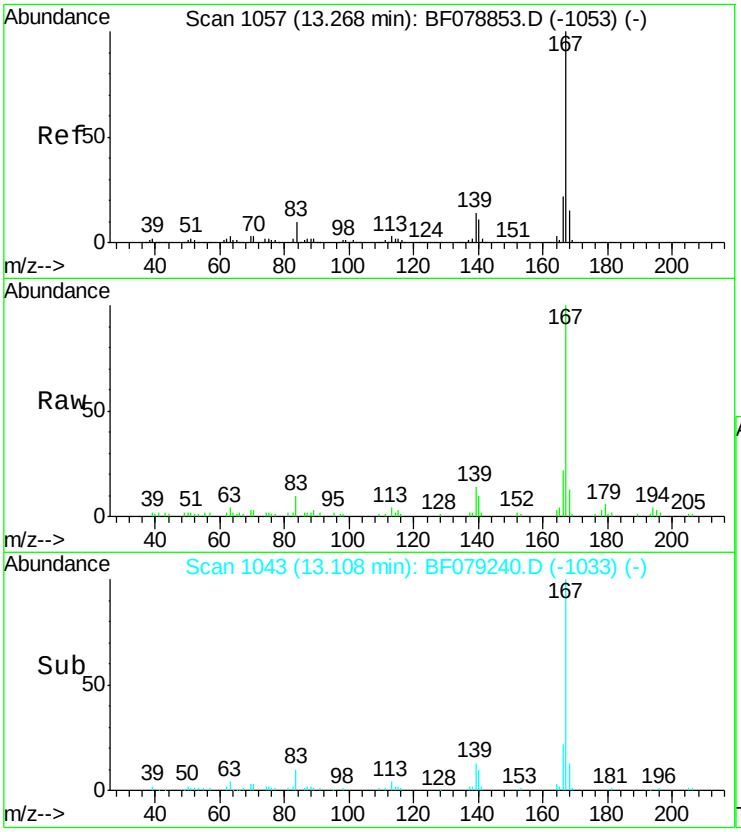


#71
Anthracene
Concen: 14.43 ng
RT: 12.90 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:178 Resp: 161591

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.5	12.6	19.0



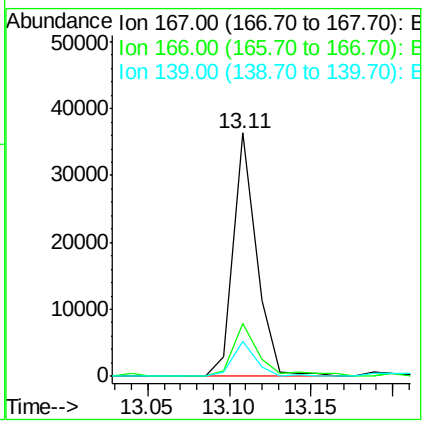


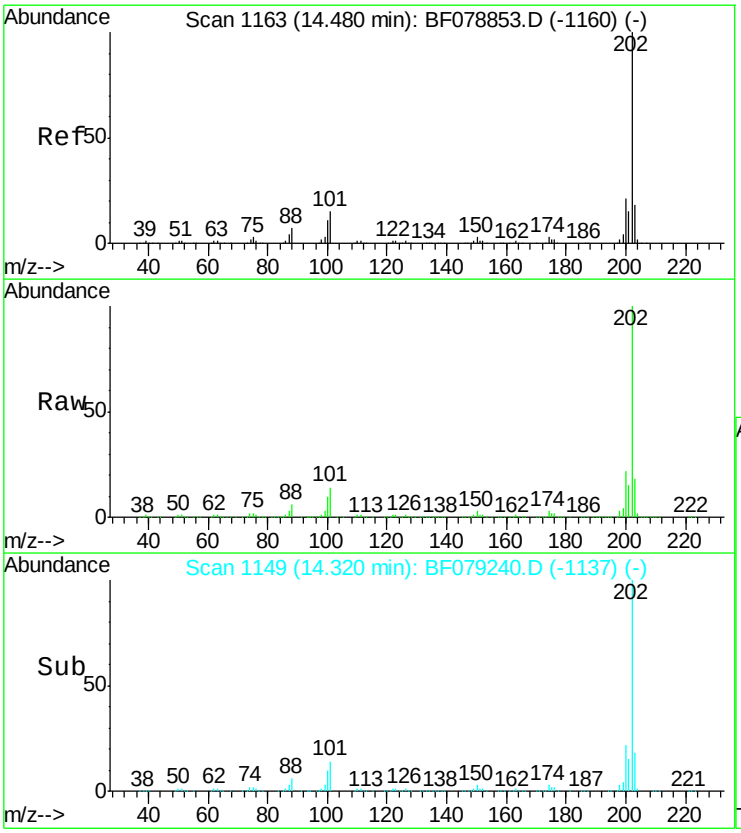
#72
Carbazole
Concen: 3.34 ng
RT: 13.11 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:167 Resp: 35659

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	14.1	11.0	16.4

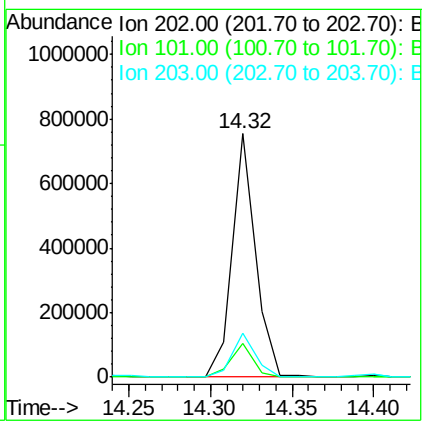


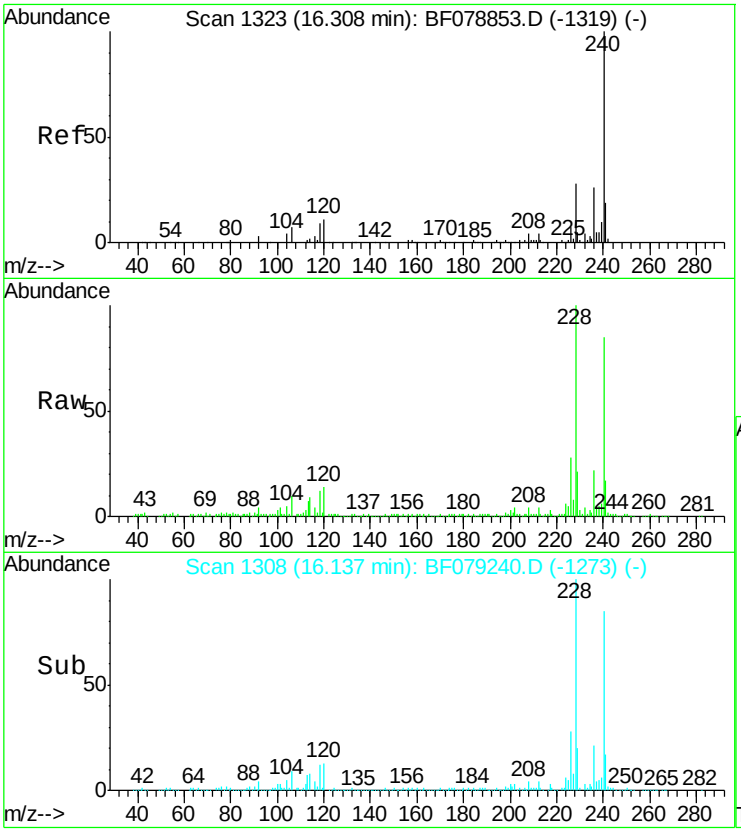


#74
Fluoranthene
Concen: 62.00 ng
RT: 14.32 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:202 Resp: 737296

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.7
203	18.3	0.0	37.9



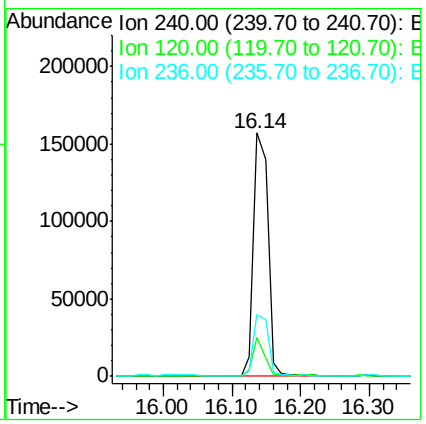


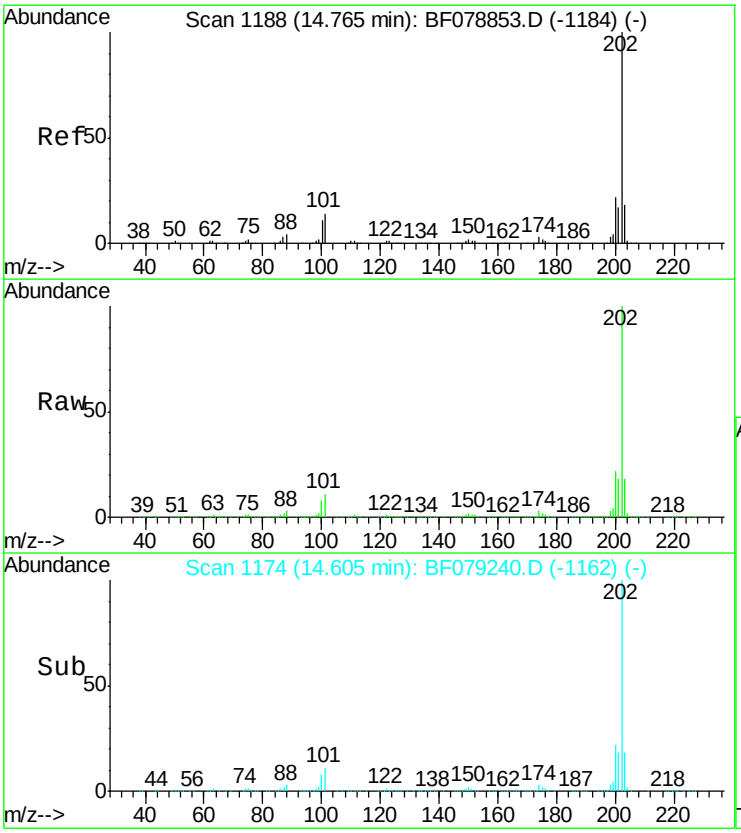
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.10 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:240 Resp: 225121

Ion	Ratio	Lower	Upper
240	100		
120	15.9	8.6	12.8#
236	25.5	21.0	31.6

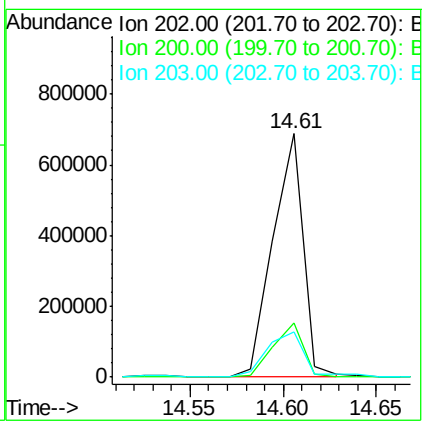


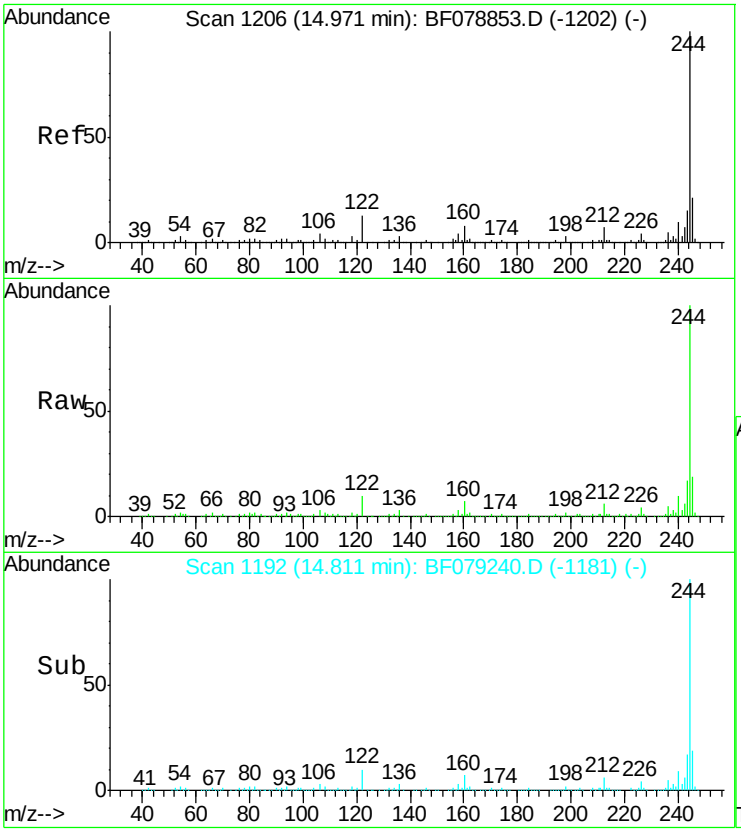


#77
Pyrene
Concen: 59.70 ng
RT: 14.61 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:202 Resp: 774470

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.5	26.3
203	18.4	14.7	22.1



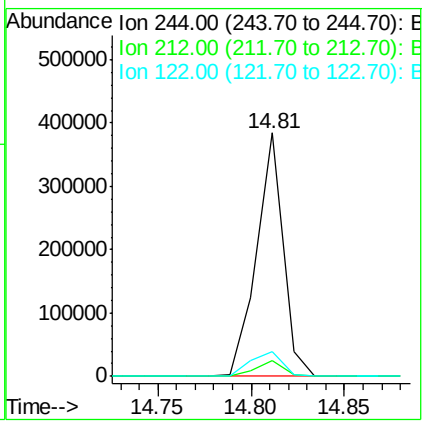


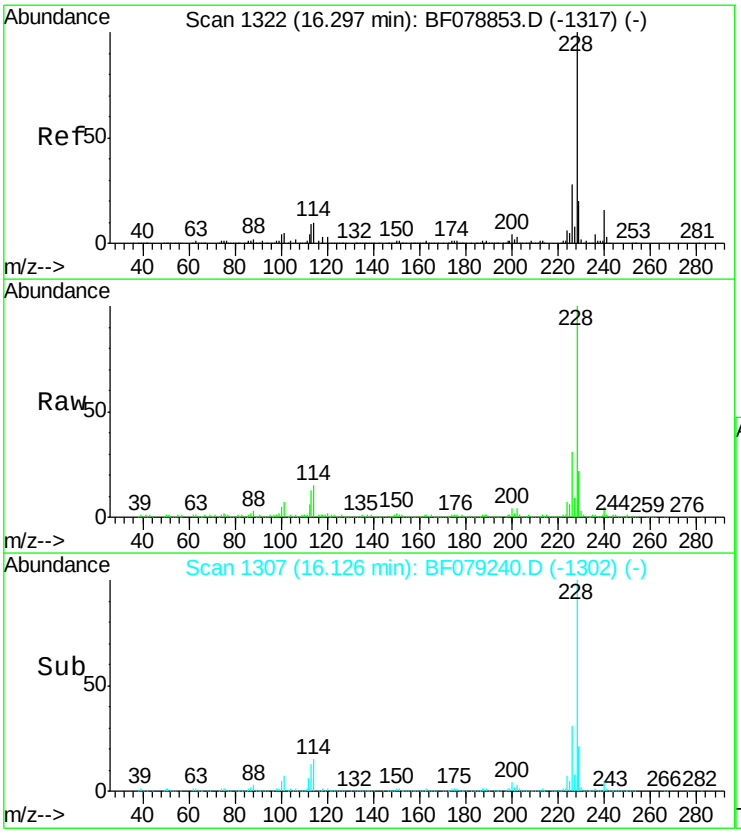
#78
Terphenyl-d14
Concen: 40.28 ng
RT: 14.81 min Scan# 1192
Delta R.T. -0.02 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:244 Resp: 378787

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	10.4	10.5	15.7#

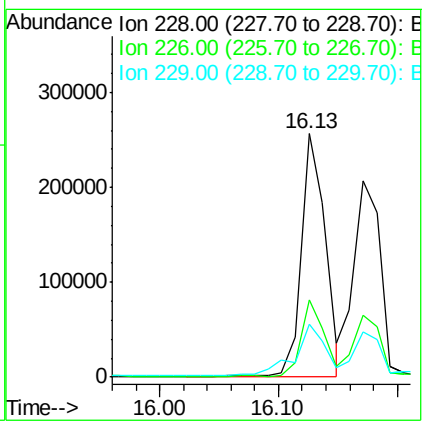


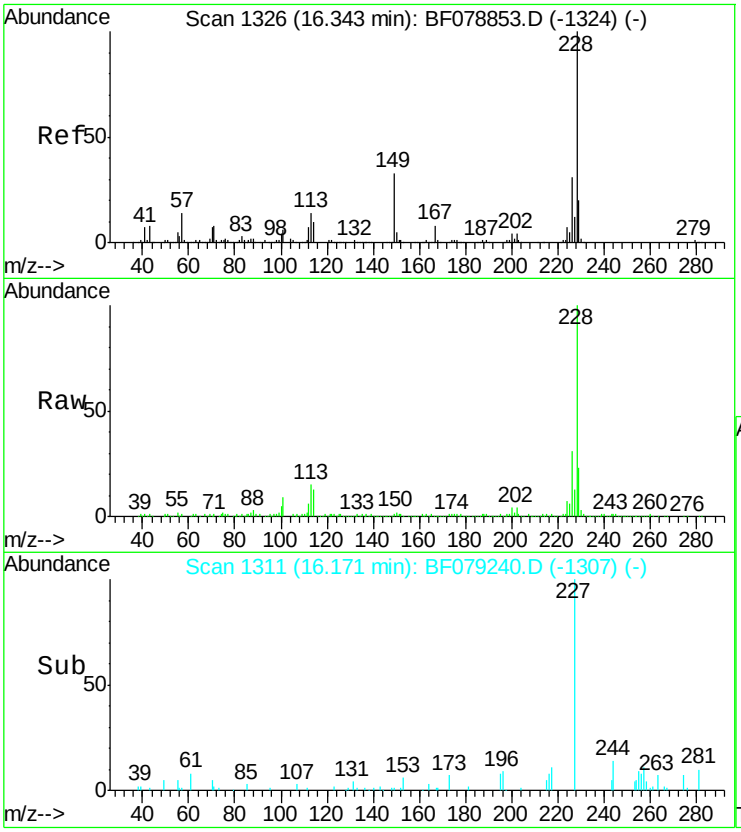


#80
Benzo(a)anthracene
Concen: 29.27 ng
RT: 16.13 min Scan# 1307
Delta R.T. -0.10 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:228 Resp: 360847

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.3	33.5
229	21.7	16.1	24.1



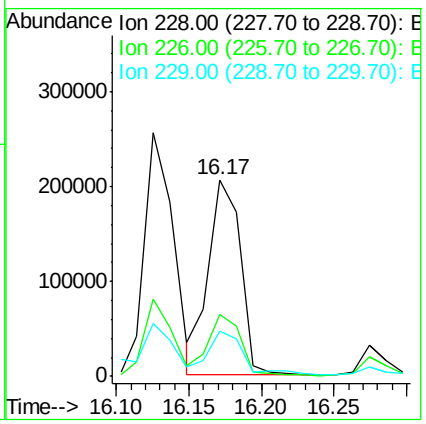


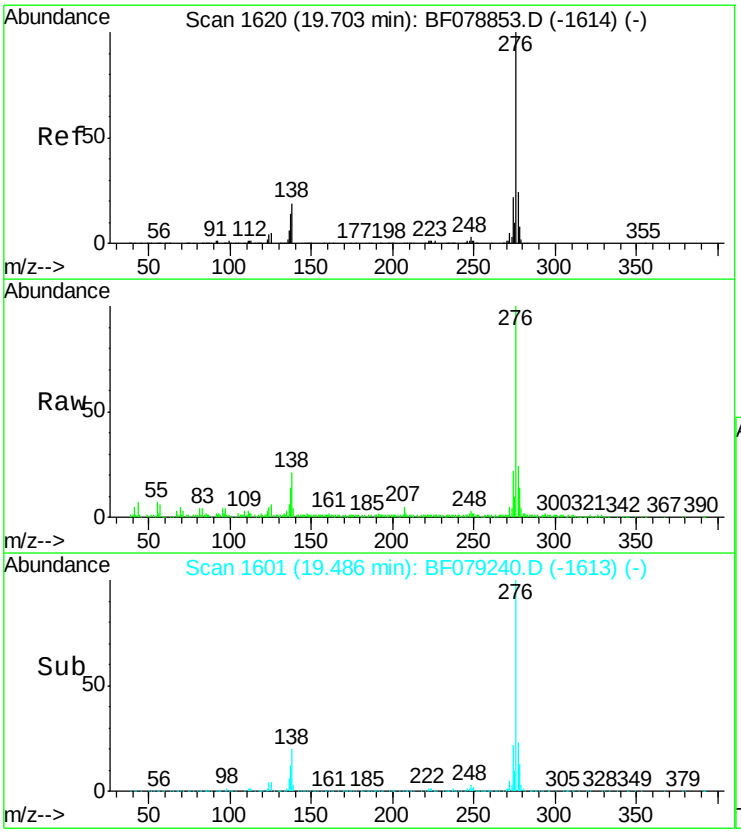
#82
Chrysene
Concen: 26.73 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.11 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:228 Resp: 316893

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	22.7	16.1	24.1

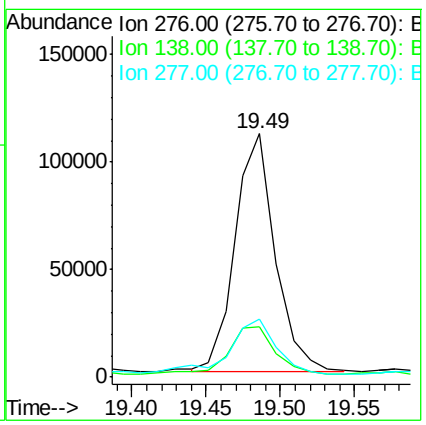


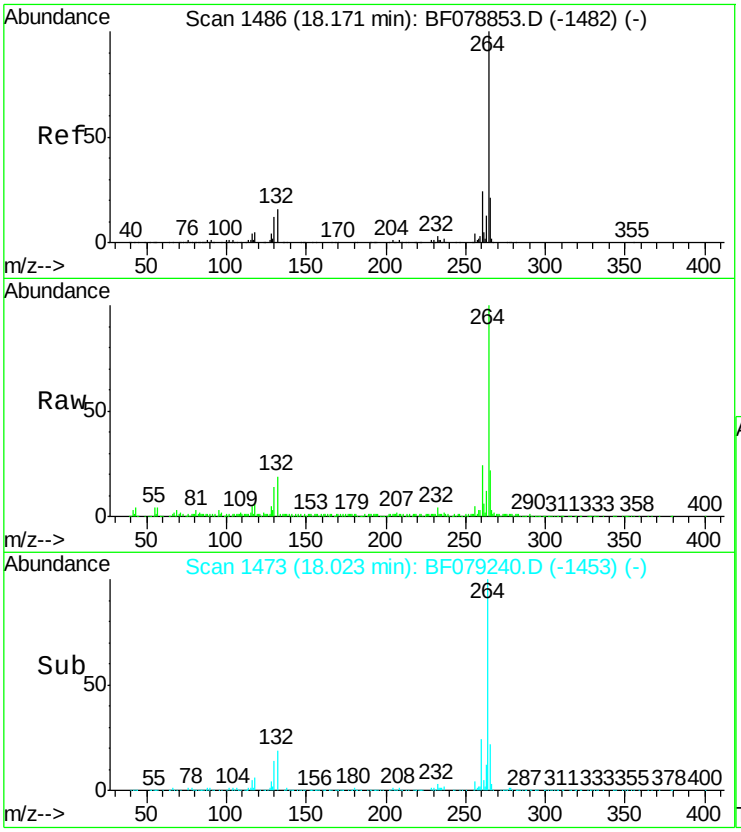


#85
Indeno(1,2,3-cd)pyrene
Concen: 13.85 ng m
RT: 19.49 min Scan# 1601
Delta R.T. -0.34 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:276 Resp: 209258

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.1	31.7#
277	5.0	19.9	29.9#



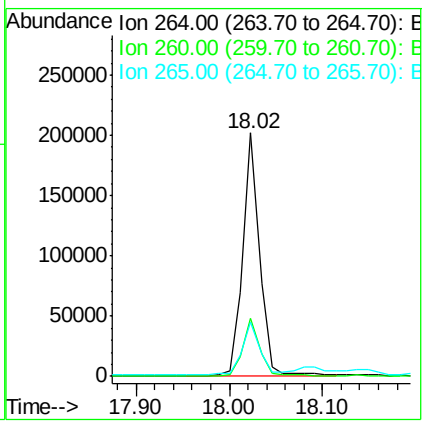


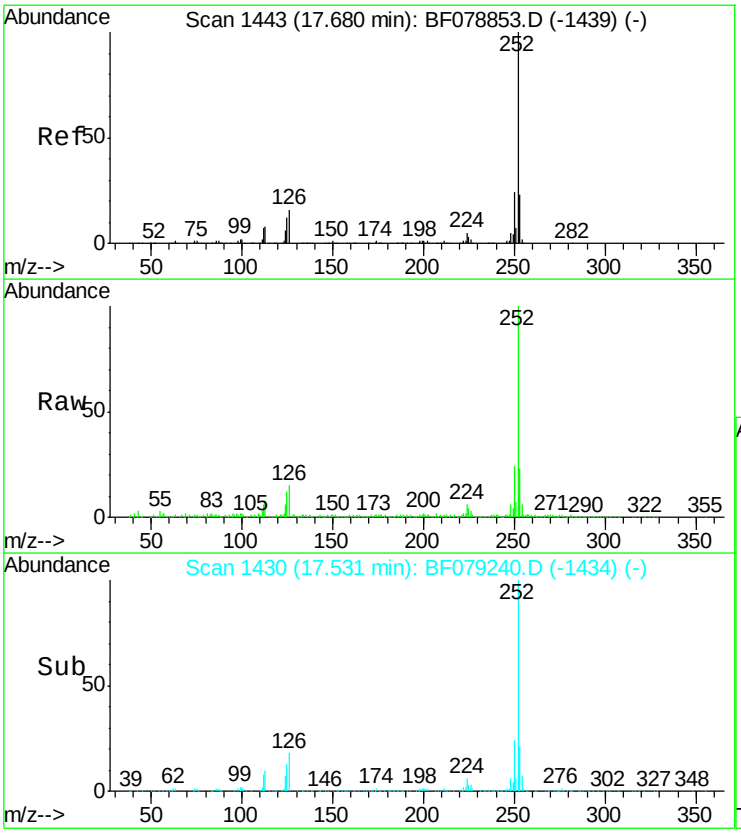
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.02 min Scan# 1473
Delta R.T. -0.27 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:264 Resp: 251917

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.2	25.8

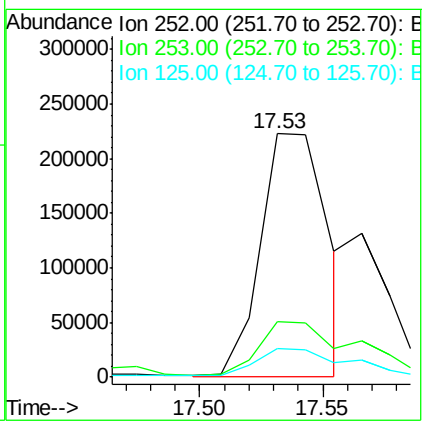


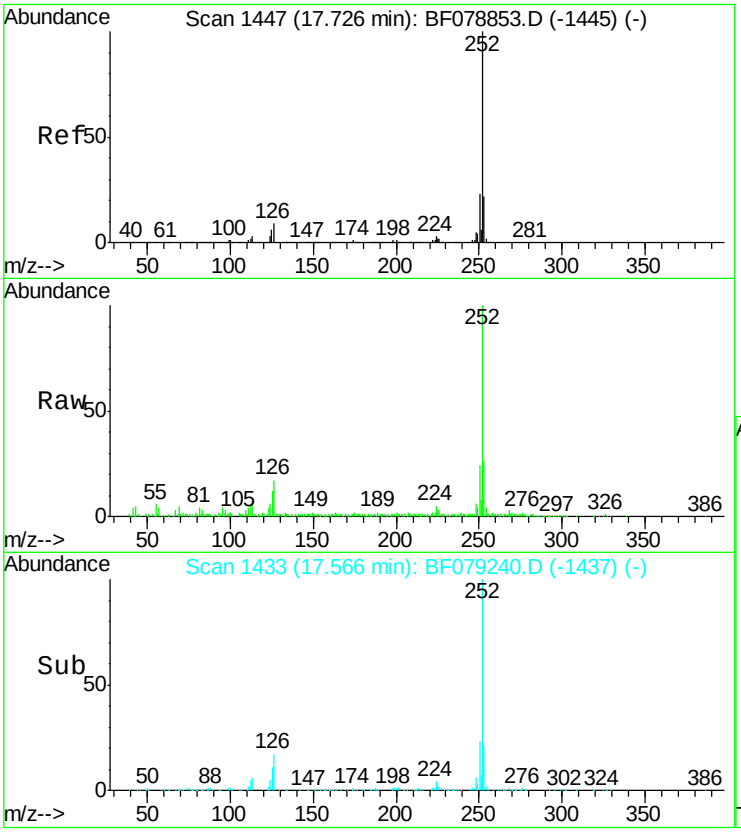


#87
Benzo(b)fluoranthene
Concen: 30.69 ng m
RT: 17.53 min Scan# 1430
Delta R.T. -0.23 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:252 Resp: 423200

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.6	9.4	14.2



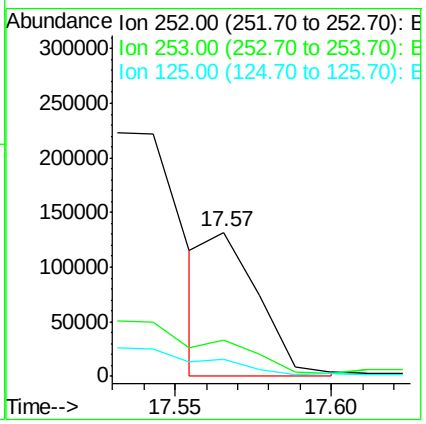


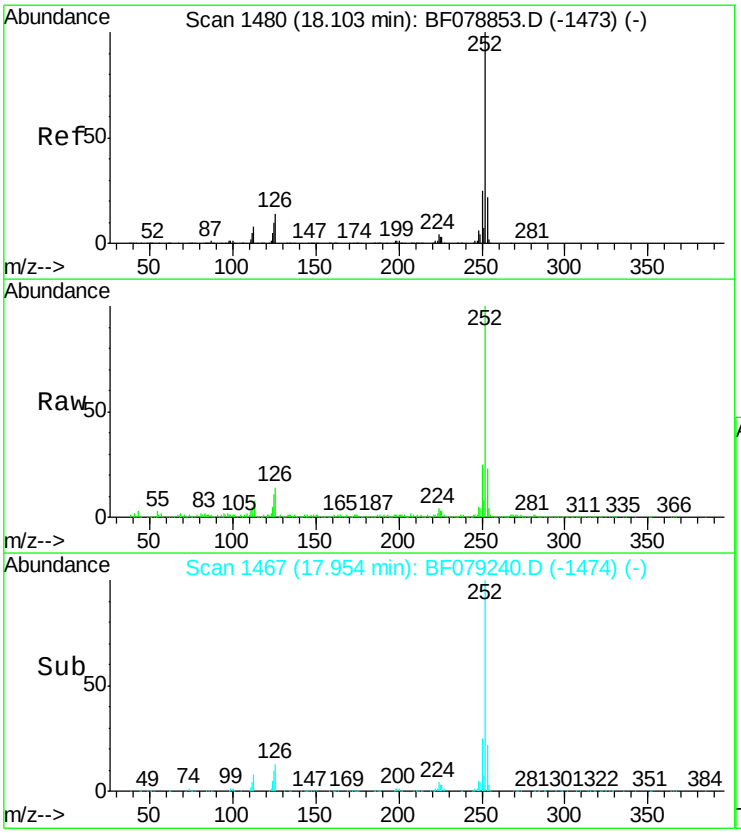
#88
Benzo(k)fluoranthene
Concen: 11.23 ng m
RT: 17.57 min Scan# 1433
Delta R.T. -0.23 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:252 Resp: 149930

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.0
125	11.8	6.1	9.1#

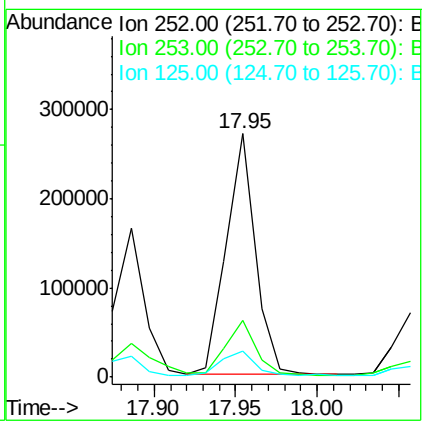


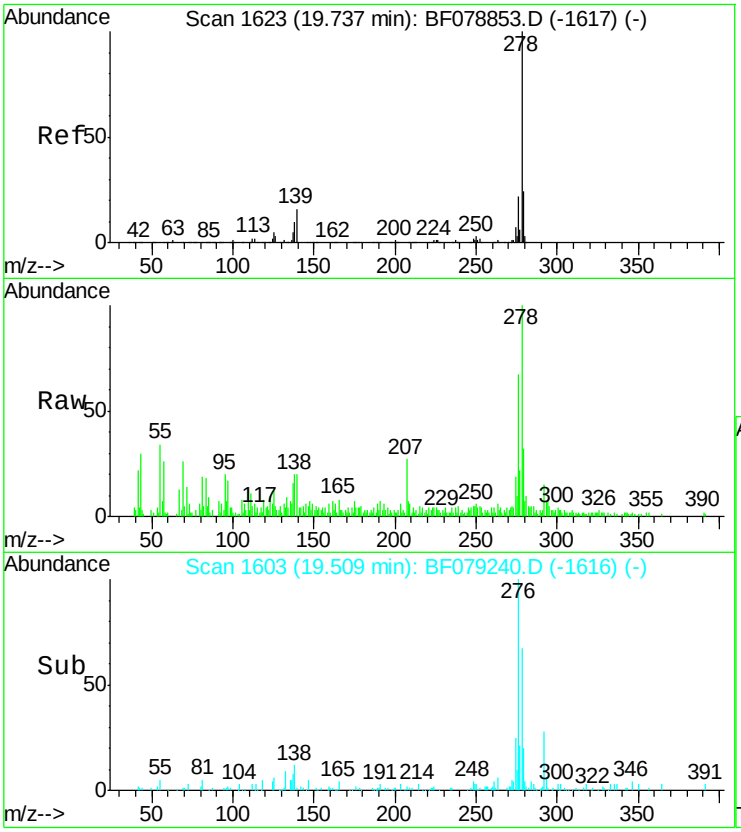


#89
Benzo(a)pyrene
Concen: 26.35 ng
RT: 17.95 min Scan# 1467
Delta R.T. -0.26 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:252 Resp: 334610

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	10.6	8.2	12.2



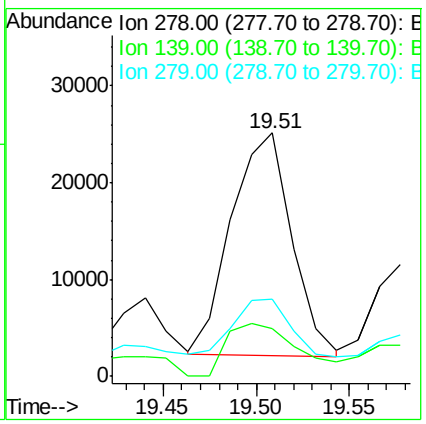


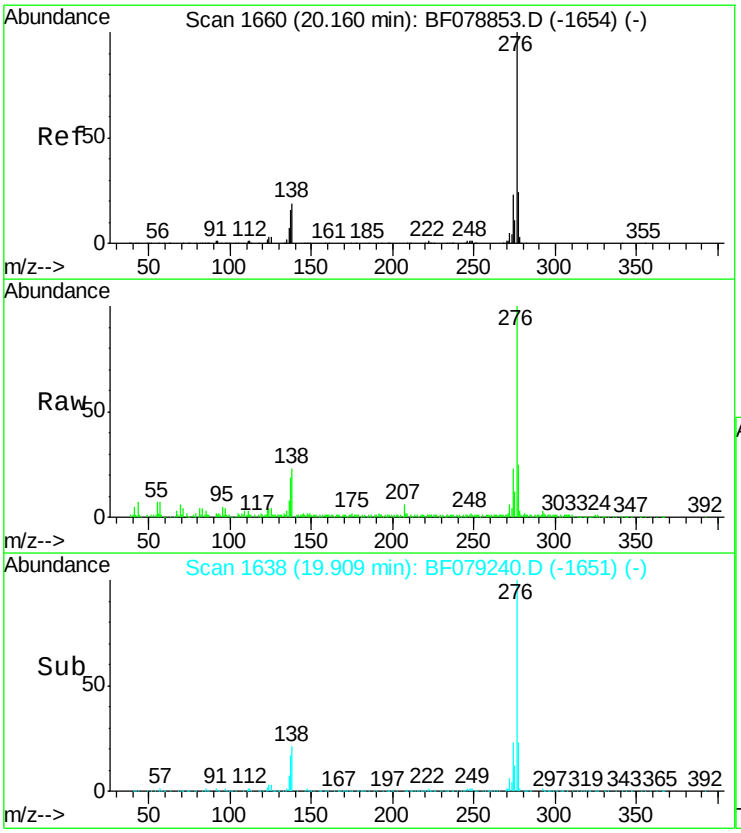
#90
Dibenzo(a,h)anthracene
Concen: 3.84 ng m
RT: 19.51 min Scan# 1603
Delta R.T. -0.35 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SB-39D

Tgt Ion:278 Resp: 51818

Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.1	19.7#
279	32.0	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 15.18 ng
RT: 19.91 min Scan# 1638
Delta R.T. -0.35 min
Lab File: BF079240.D
Acq: 14 May 2015 18:51

Tgt Ion:276 Resp: 205237

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	22.5	15.2	22.8