Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079465.D
Acq On : 23 May 2015 9:21
Operator : TP/IZ
Sample : G2289-12 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-31D

Quant Time: May 25 07:01:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 25 06:56:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	70759	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	293586	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	139082	20.00	ng		0.00
63) Phenanthrene-d10	12.64	188	255332	20.00	ng		0.01
75) Chrysene-d12	15.92	240	257988	20.00	ng		0.01
86) Perylene-d12	17.70	264	254120	20.00	ng		0.09
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	7.75	82	34855	6.82	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	22352	14.86	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	143985	14.42	ng		0.00
78) Terphenyl-d14	14.63	244	152674	14.17	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.65	128	100513	7.19	ng		98
32) Benzoic acid	8.39	122	442	6.46	ng	#	46
37) 2-Methylnaphthalene	9.52	142	30029	3.10	ng		97
51) Acenaphthene	10.83	154	53718	6.36	ng		98
54) Dibenzofuran	11.05	168	59962	4.92	ng		99
55) 4-Nitrophenol	11.05	139	23465	11.78	ng	#	1
57) Fluorene	11.47	166	73820	7.37	ng		99
70) Phenanthrene	12.66	178	598011	41.86	ng		99
71) Anthracene	12.73	178	202889	14.48	ng		98
72) Carbazole	12.94	167	46566	3.49	ng		98
74) Fluoranthene	14.14	202	690921	46.42	ng		99
77) Pyrene	14.41	202	674928	45.40	ng	#	95
80) Benzo(a)anthracene	15.91	228	315540	22.33	ng		98
82) Chrysene	15.95	228	249185	18.34	ng		98
87) Benzo(b)fluoranthene	17.25	252	424464	30.52	ng		100
88) Benzo(k)fluoranthene	17.25	252	424464	31.52	ng	#	96
89) Benzo(a)pyrene	17.63	252	248482	19.40	ng	#	93
90) Dibenzo(a,h)anthracene	19.09	278	40773	3.00	ng	#	82
91) Benzo(g,h,i)perylene	19.46	276	153095	11.22	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079465.D
Acq On : 23 May 2015 9:21
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Sample : G2289-12 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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SB-31D

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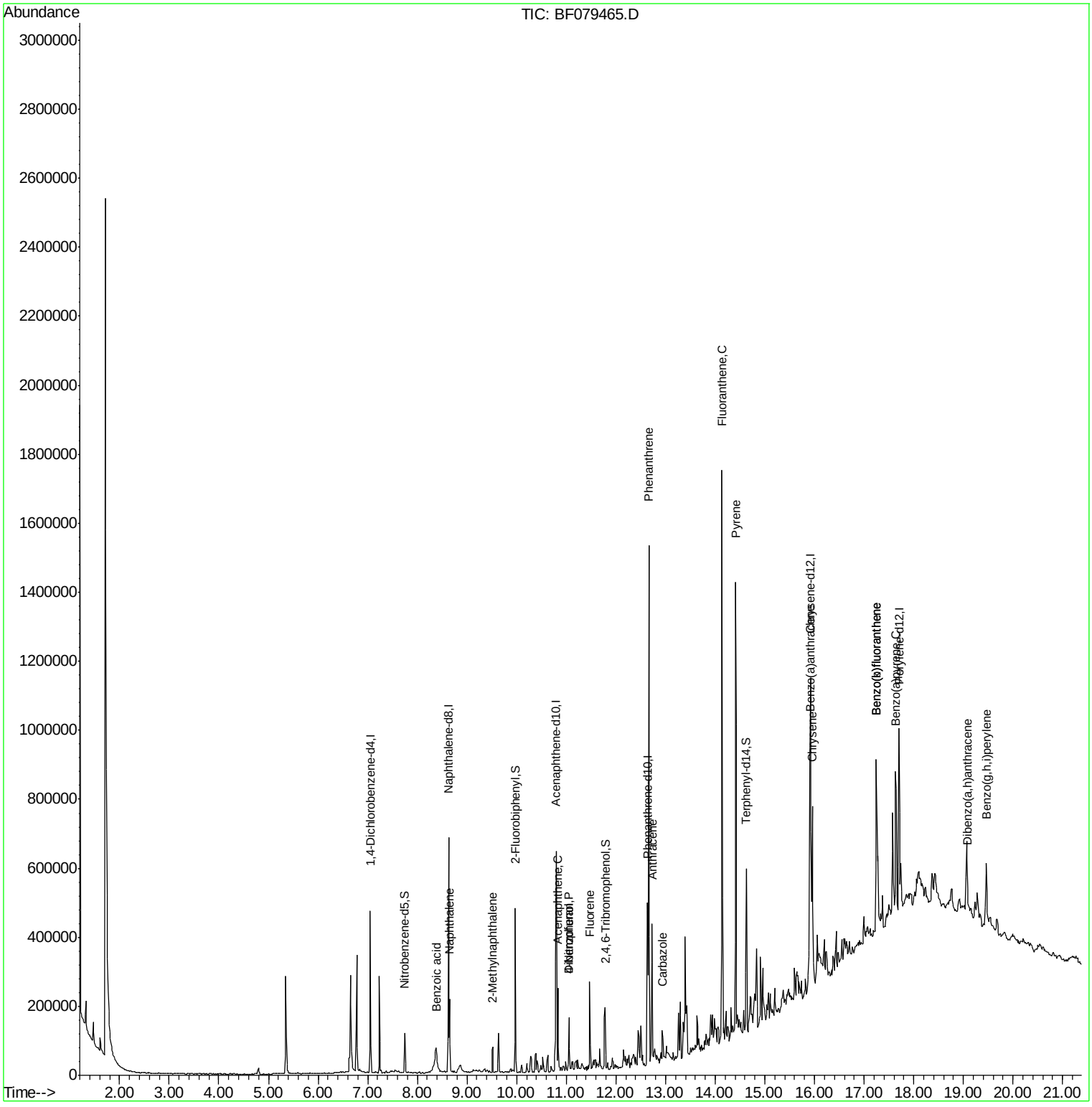
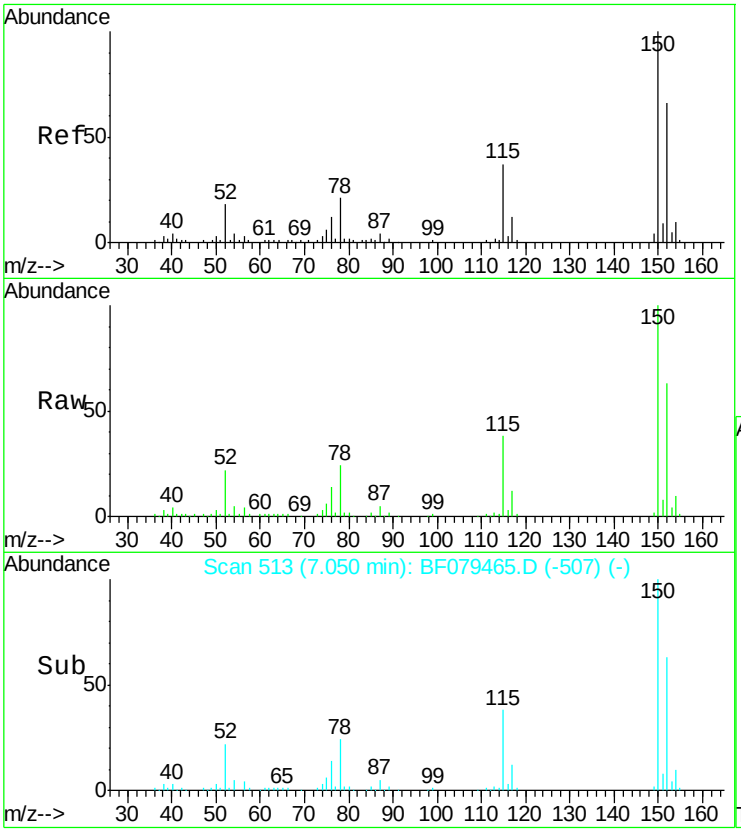


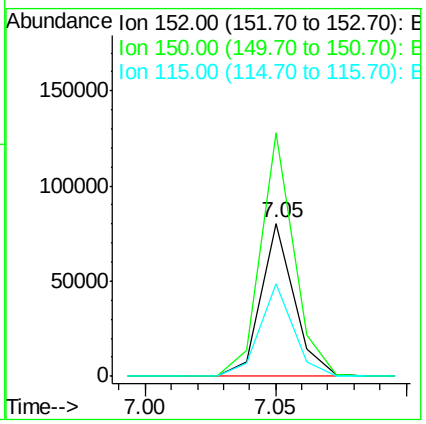


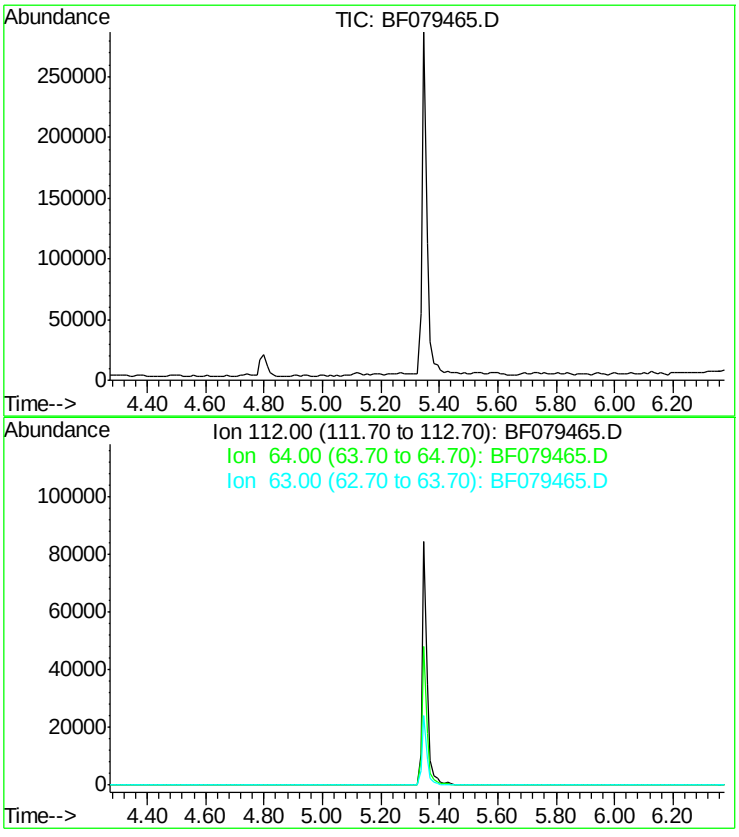
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:152 Resp: 70759

Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.8	185.8
115	60.5	49.4	74.0



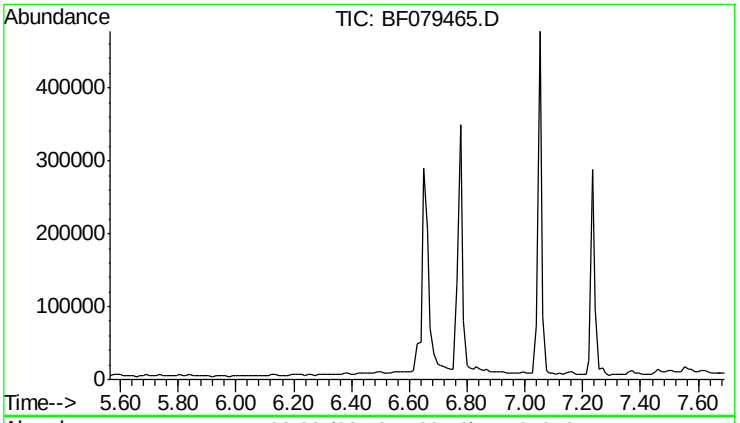


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.32 min

Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4



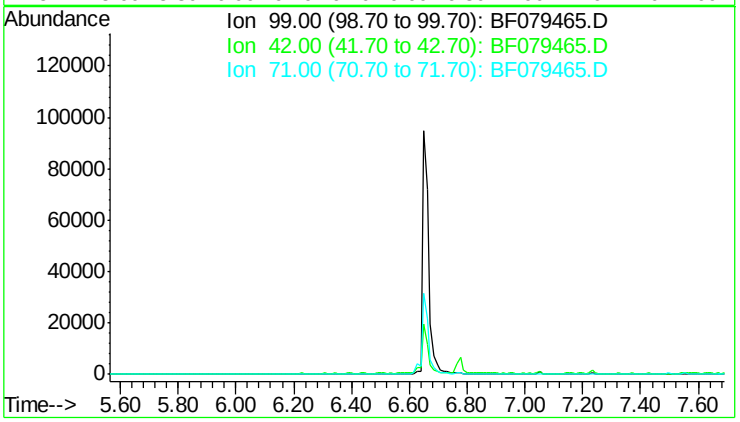
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.63 min

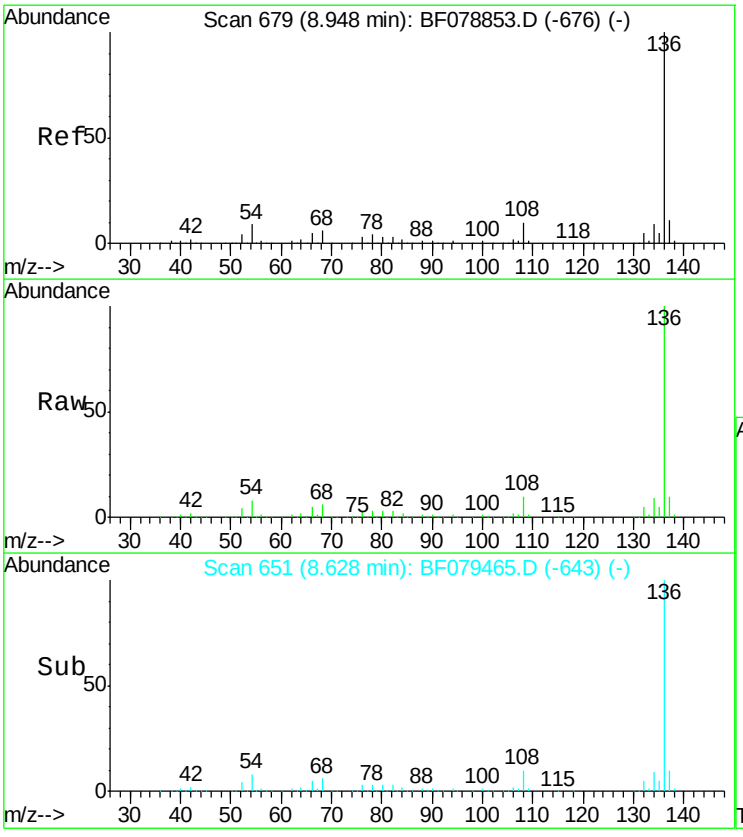
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

Instrument :
BNA_F
ClientSampleId :
SB-31D

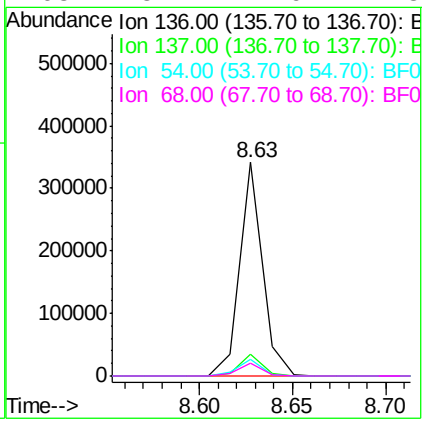


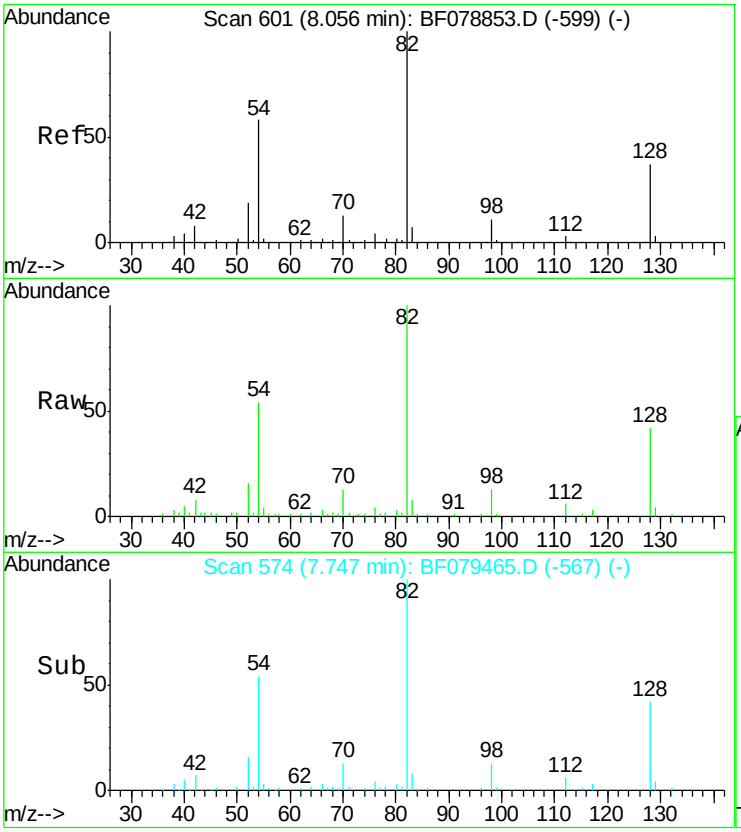


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:136 Resp: 293586

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.5	6.9	10.3
68	5.7	4.9	7.3



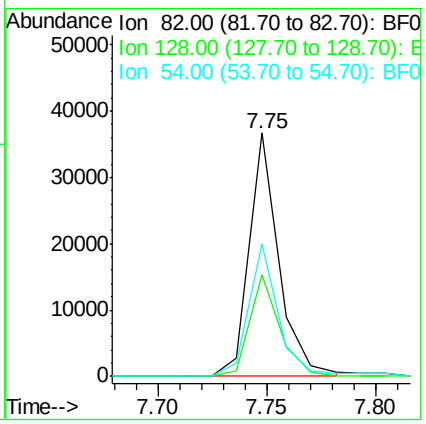


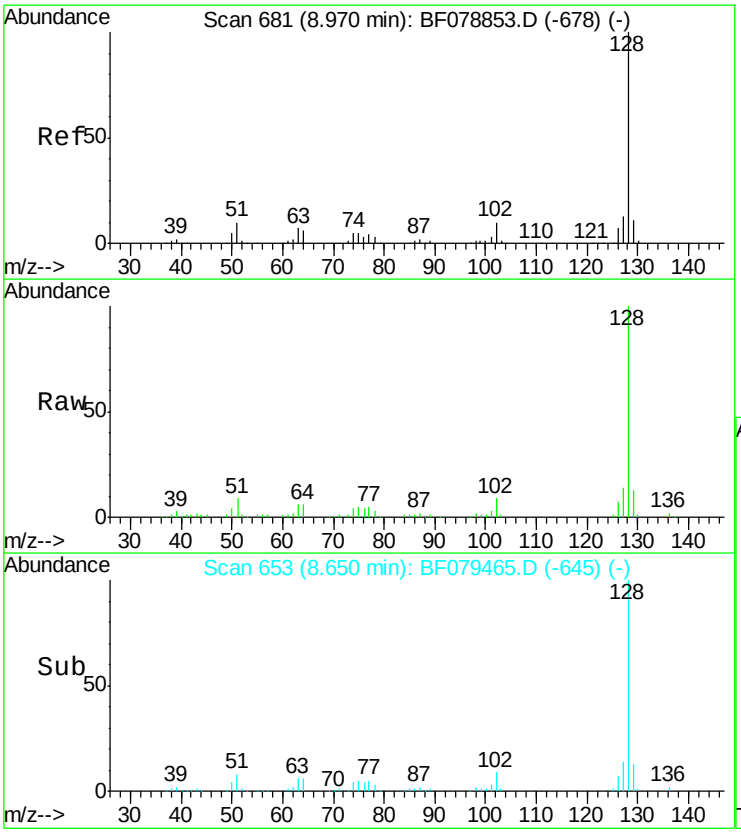
#23
Nitrobenzene-d5
Concen: 6.82 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion: 82 Resp: 34855

Ion	Ratio	Lower	Upper
82	100		
128	41.7	29.7	44.5
54	54.2	46.2	69.4

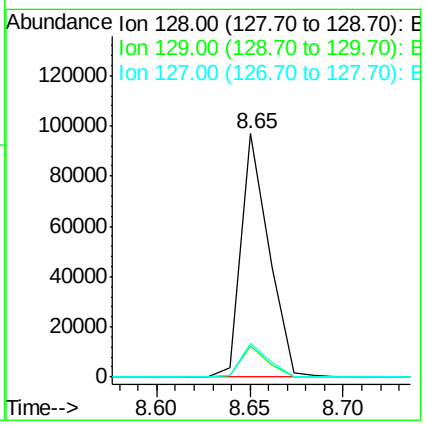


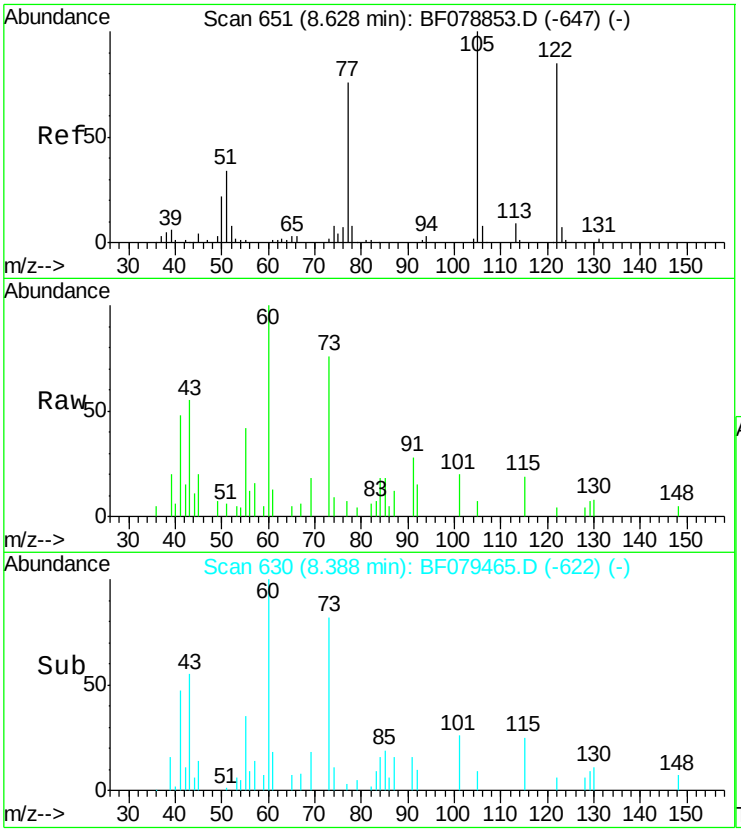


#31
Naphthalene
Concen: 7.19 ng
RT: 8.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:128 Resp: 100513

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.2	13.8
127	13.7	10.3	15.5



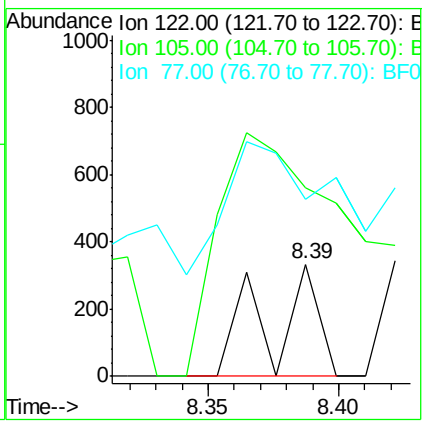


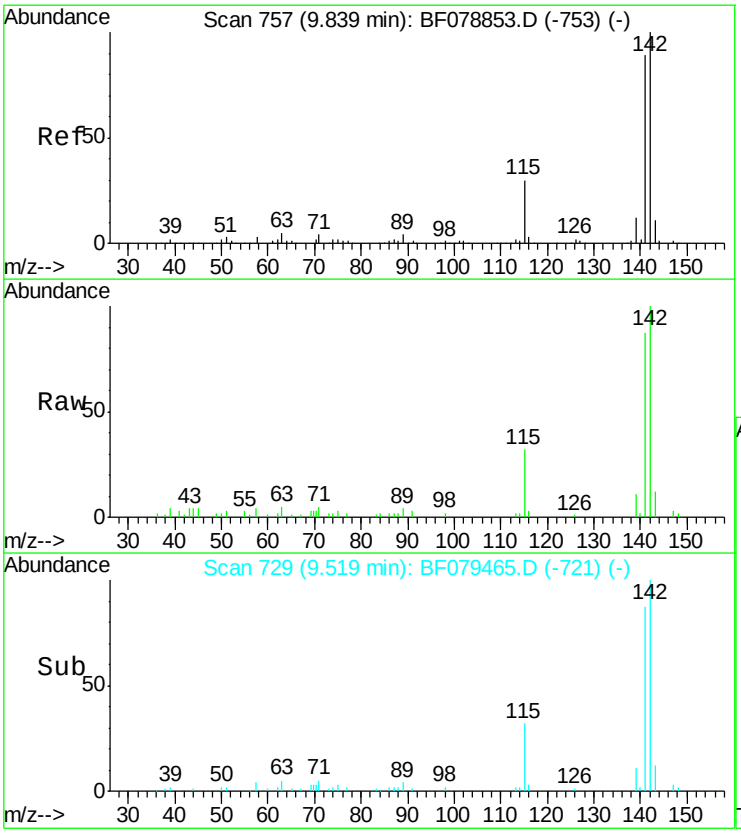
#32
Benzoic acid
Concen: 6.46 ng
RT: 8.39 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:122 Resp: 442

Ion	Ratio	Lower	Upper
122	100		
105	168.0	100.7	140.7#
77	158.1	72.0	112.0#

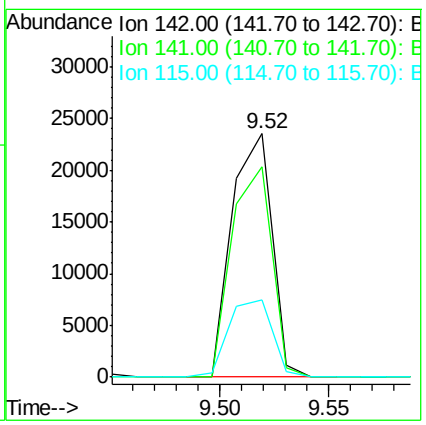


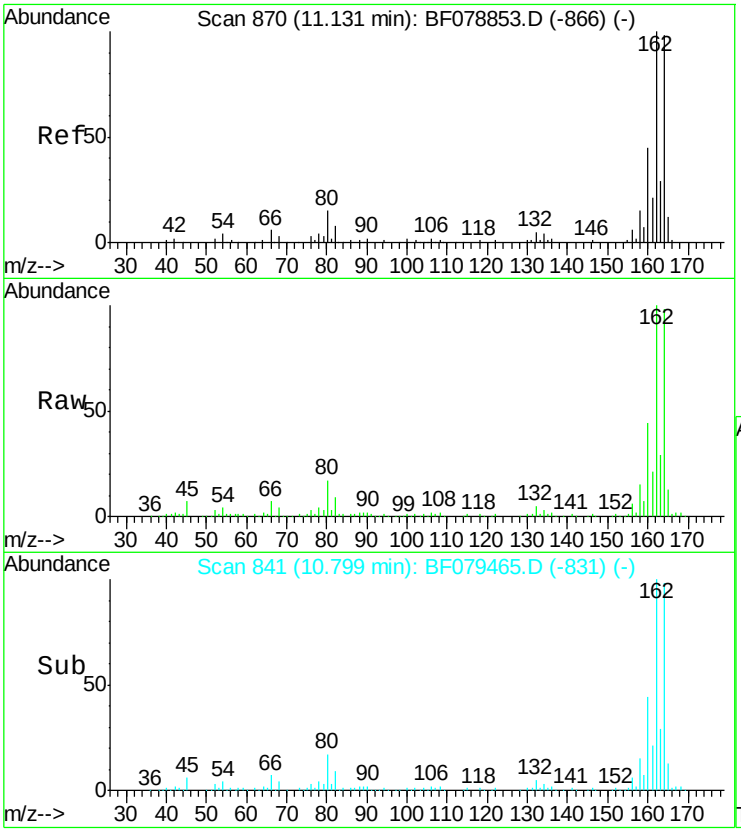


#37
2-Methylnaphthalene
Concen: 3.10 ng
RT: 9.52 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:142 Resp: 30029

Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.6	107.4
115	31.7	24.2	36.4



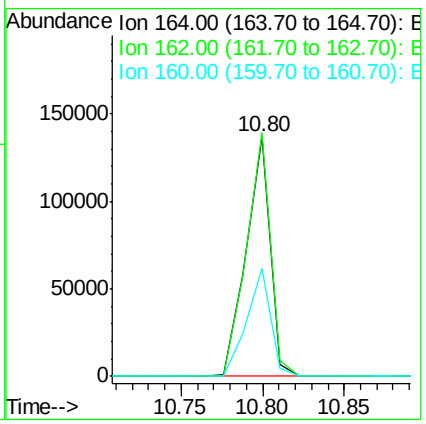


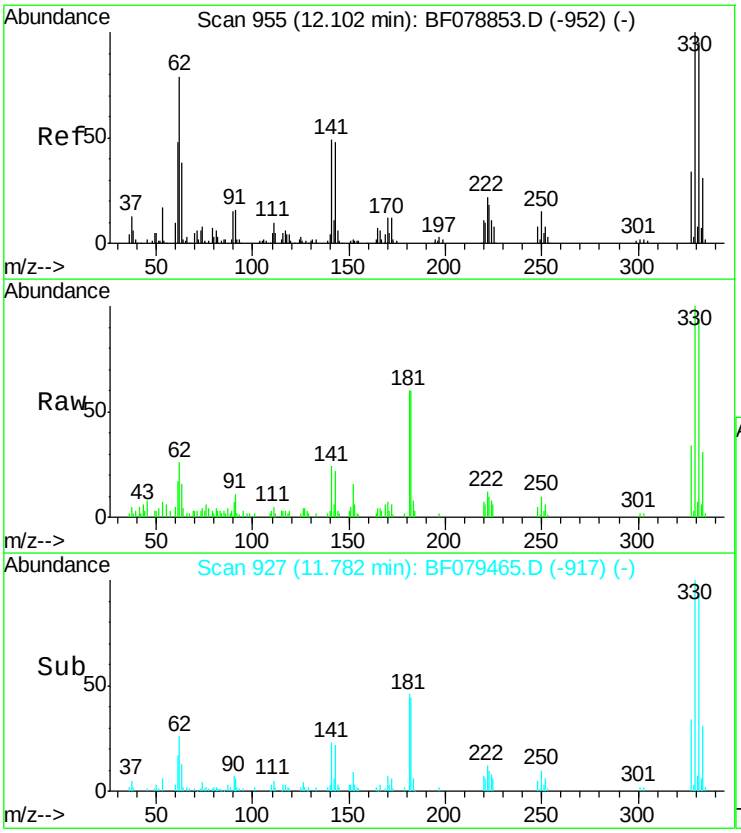
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:164 Resp: 139082

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	45.2	36.6	54.8

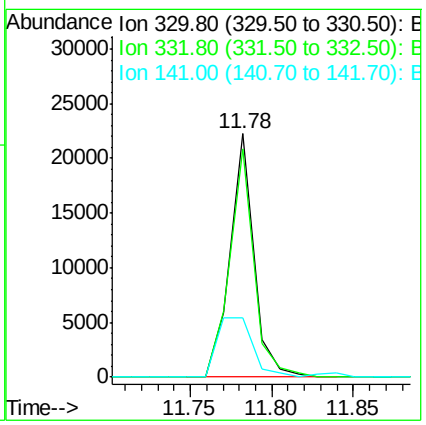


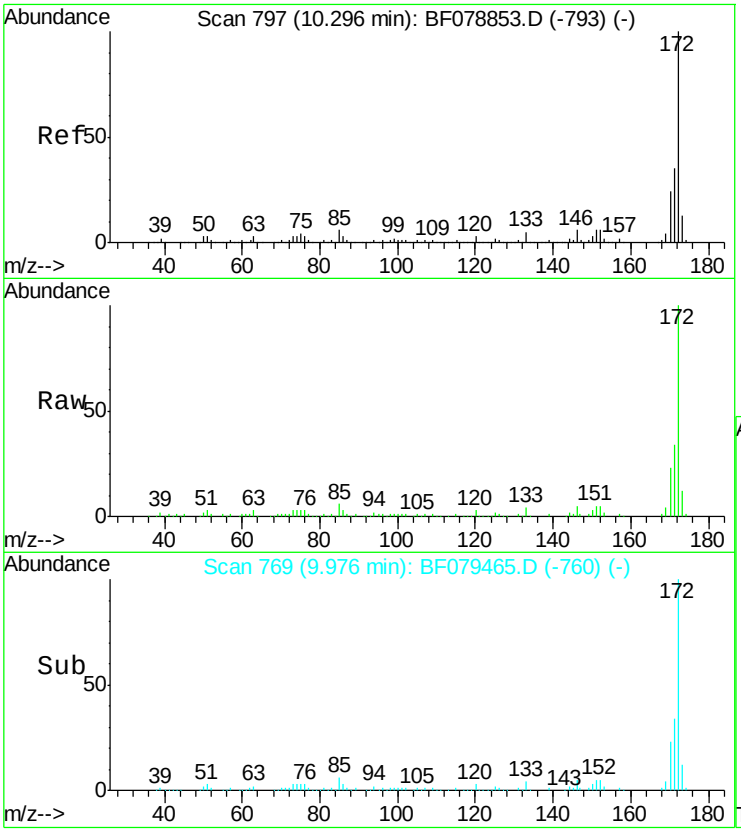


#41
2,4,6-Tribromophenol
Concen: 14.86 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:330 Resp: 22352

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	36.6	27.8	41.8



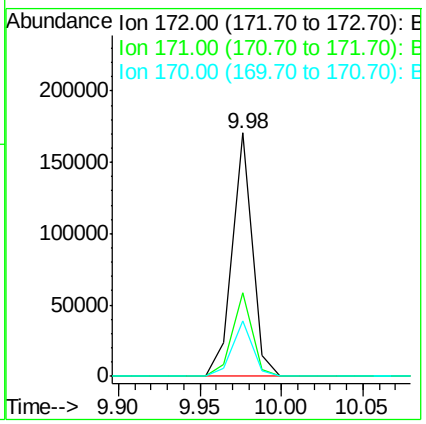


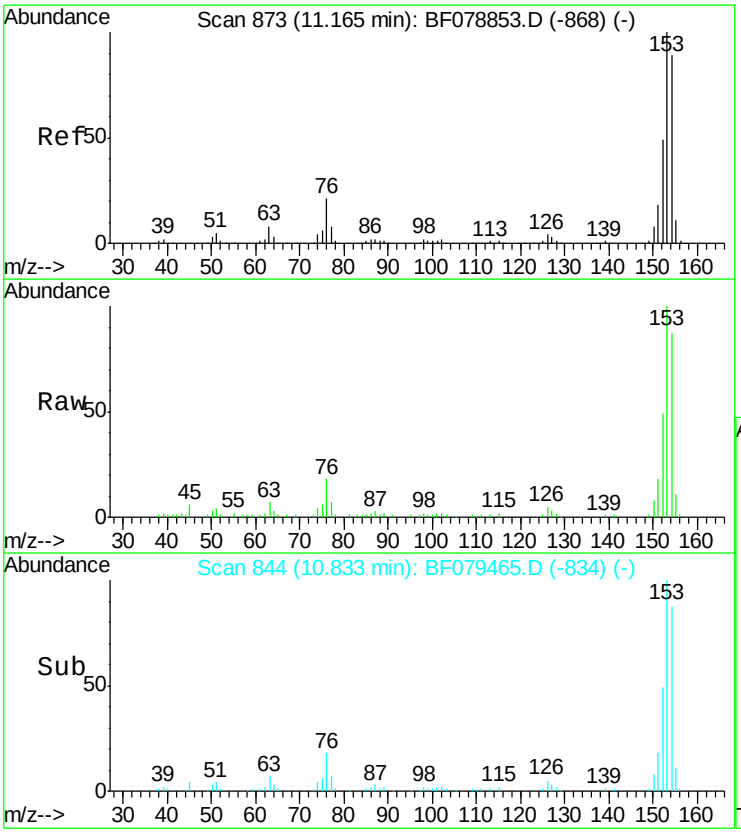
#44
2-Fluorobiphenyl
Concen: 14.42 ng
RT: 9.98 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:172 Resp: 143985

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.3	42.5
170	22.9	19.4	29.2

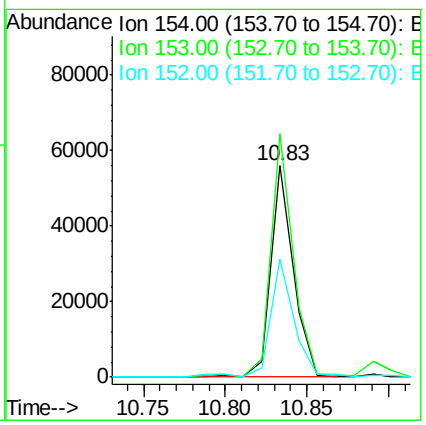


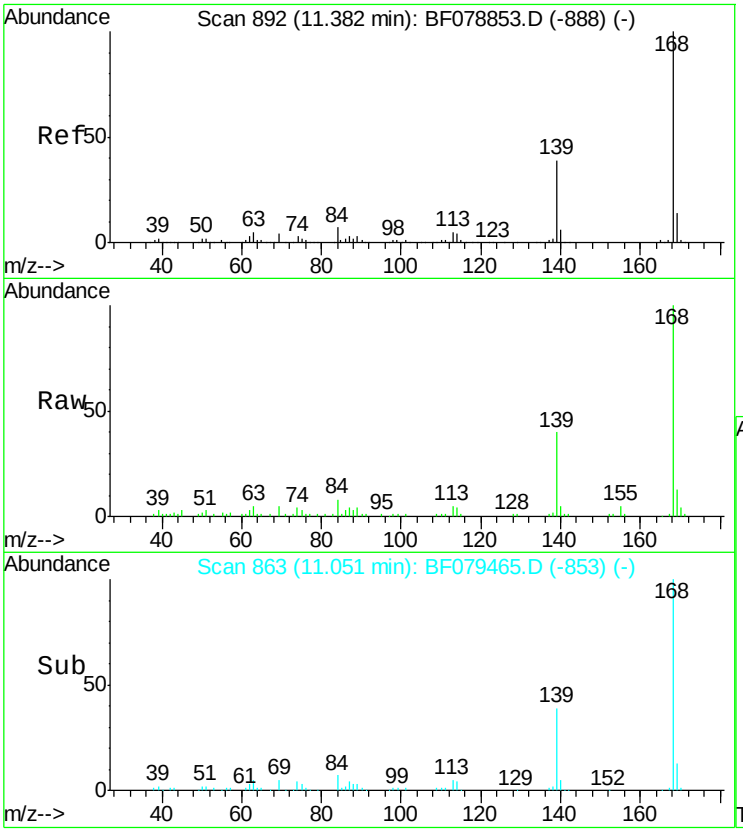


#51
Acenaphthene
Concen: 6.36 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:154 Resp: 53718

Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.2	135.2
152	56.1	43.8	65.8



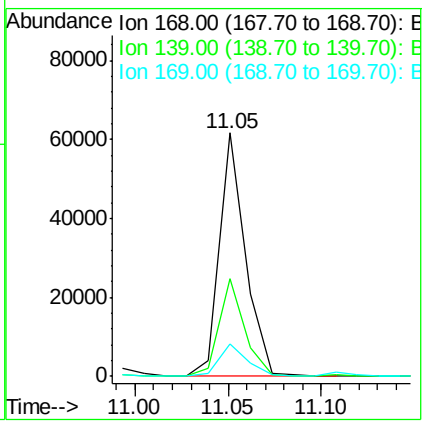


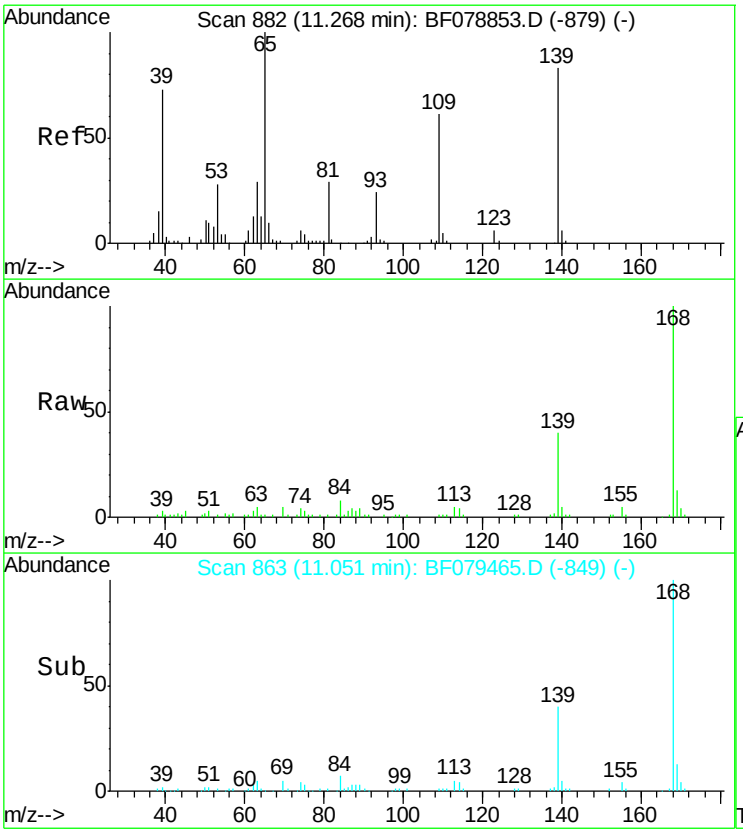
#54
Dibenzofuran
Concen: 4.92 ng
RT: 11.05 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:168 Resp: 59962

Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.5	47.3
169	13.3	11.0	16.4

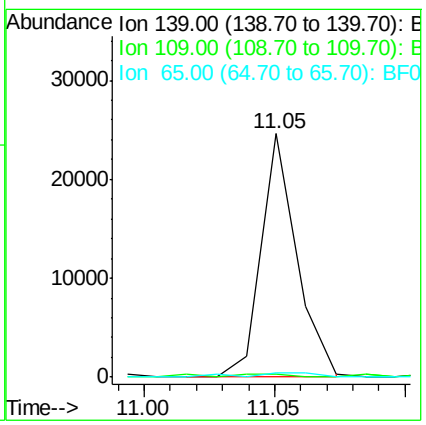


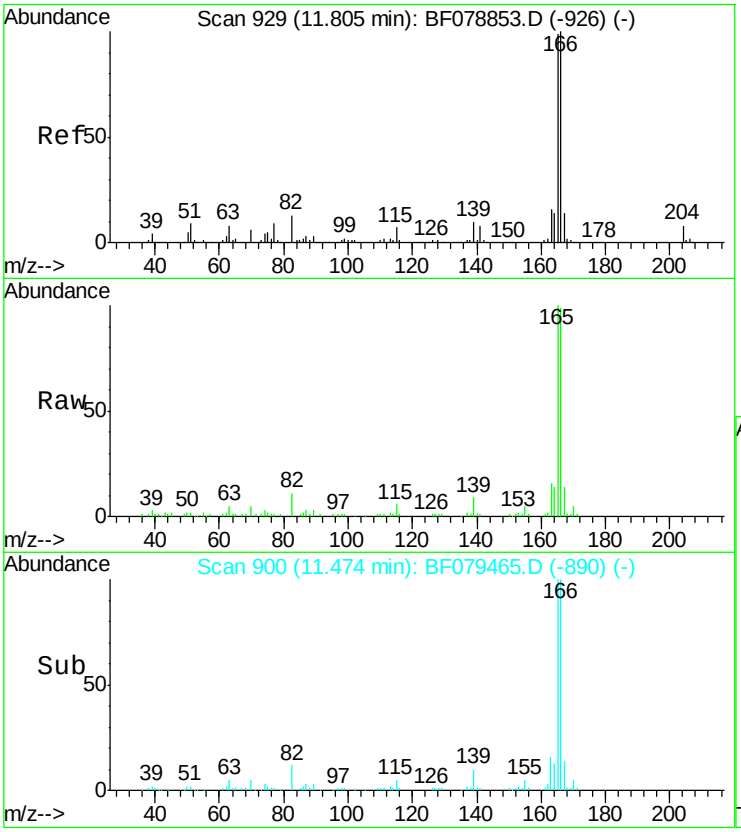


#55
4-Nitrophenol
Concen: 11.78 ng
RT: 11.05 min Scan# 863
Delta R.T. 0.05 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:139 Resp: 23465

Ion	Ratio	Lower	Upper
139	100		
109	1.3	54.4	94.4#
65	1.8	101.0	141.0#



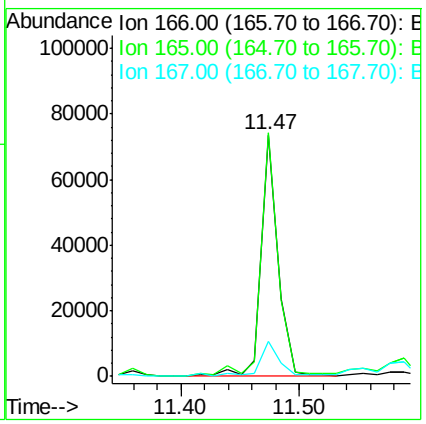


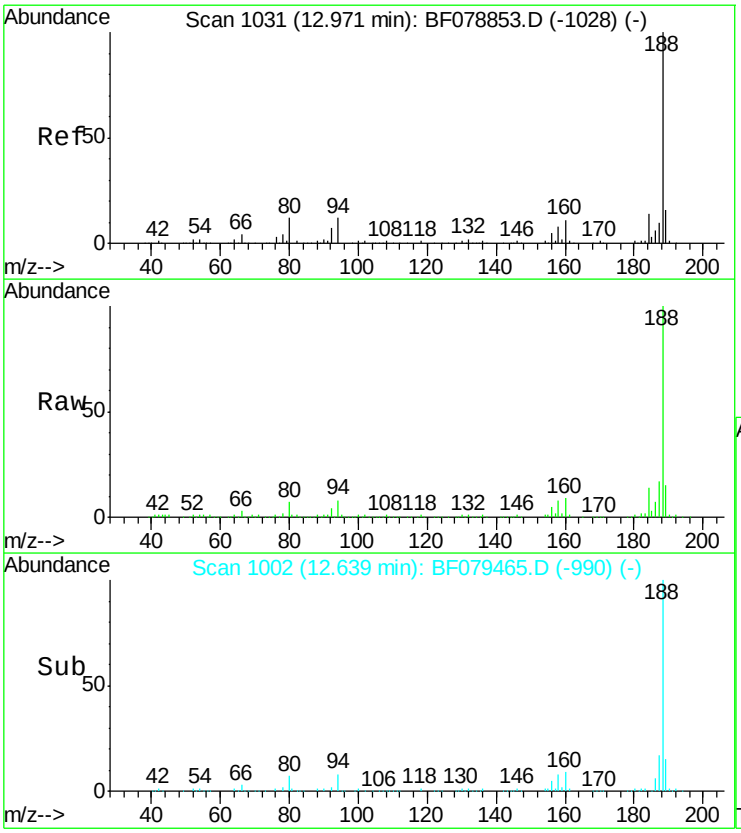
#57
Fluorene
Concen: 7.37 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:166 Resp: 73820

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.5	119.3
167	14.4	11.0	16.6

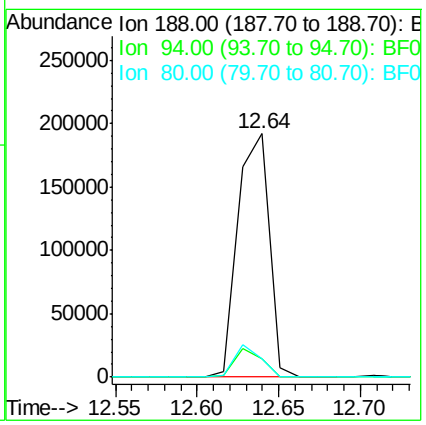


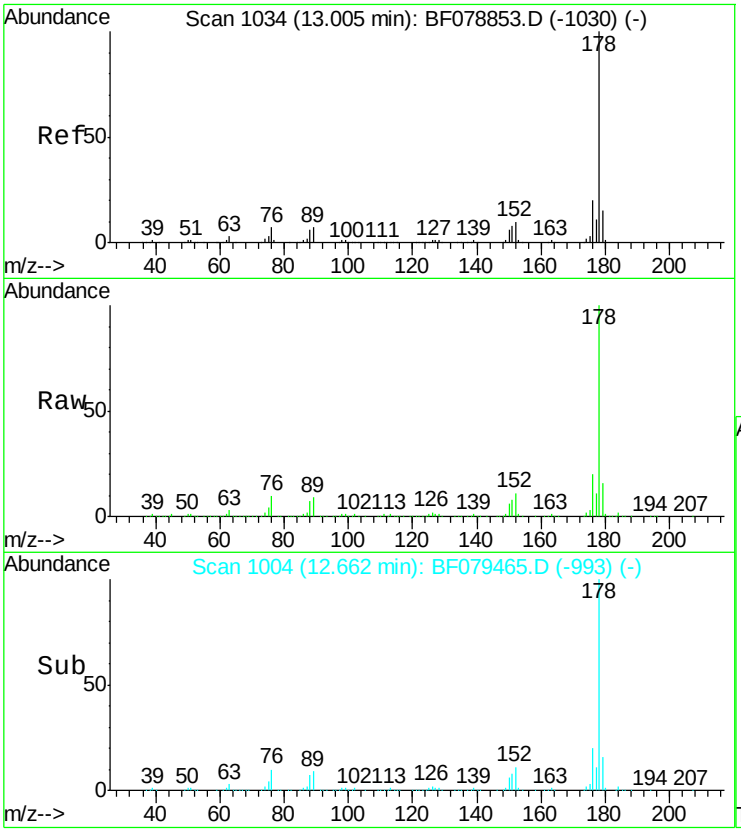


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.64 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:188 Resp: 255332

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.4	14.0#
80	7.3	9.8	14.6#



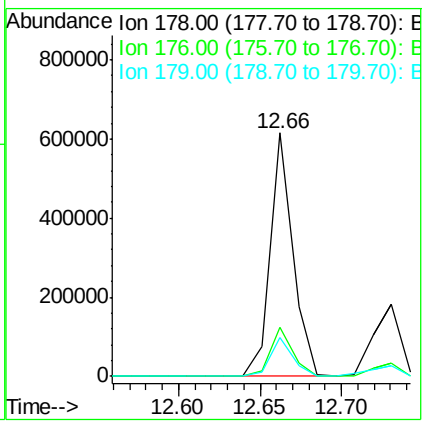


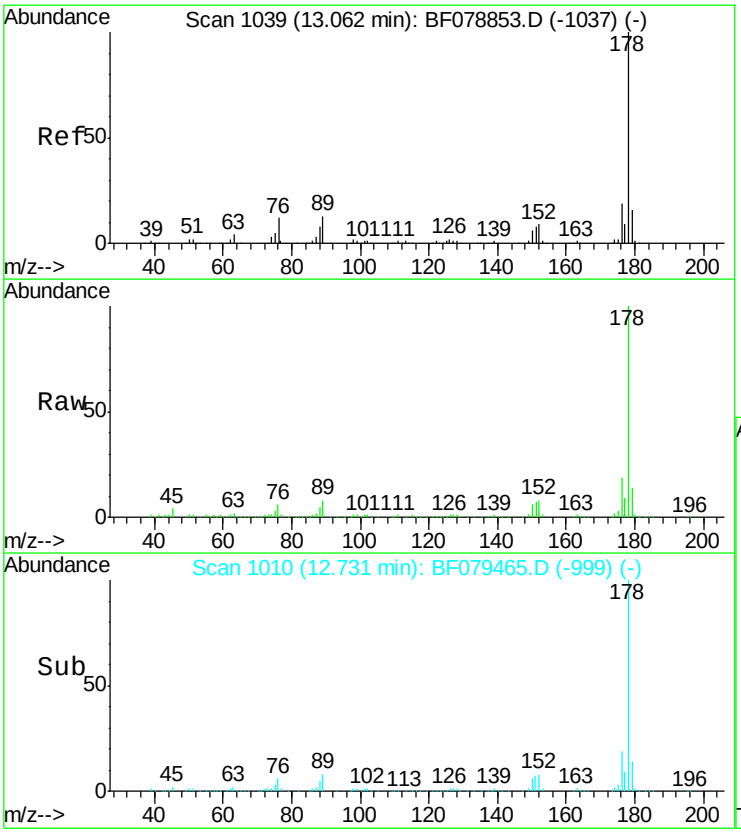
#70
Phenanthrene
Concen: 41.86 ng
RT: 12.66 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:178 Resp: 598011

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	15.8	12.2	18.4

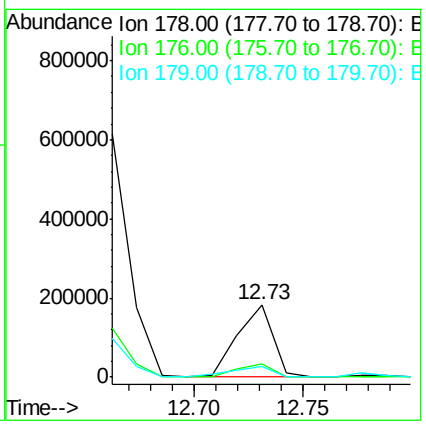


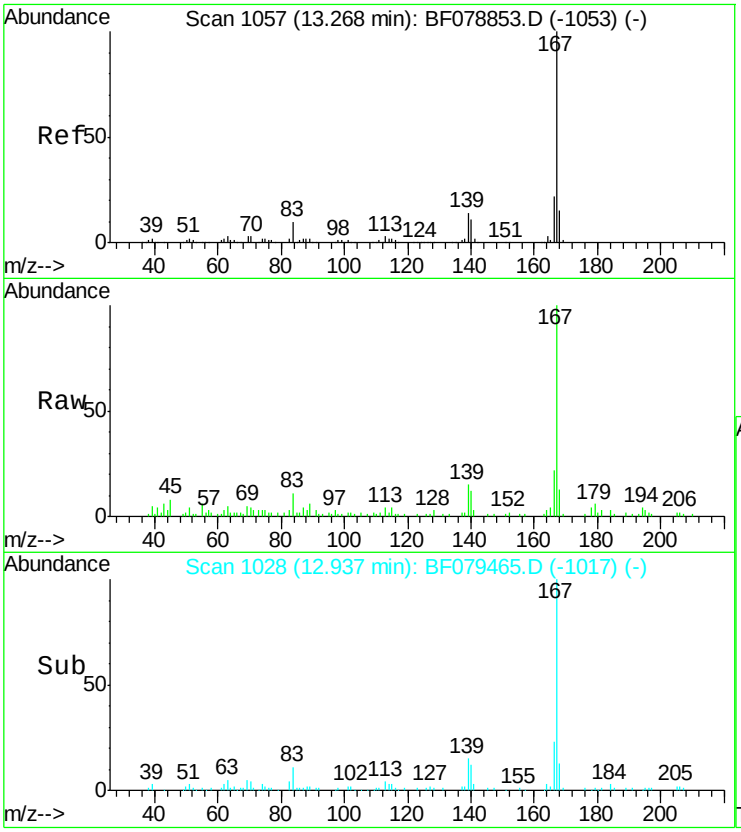


#71
Anthracene
Concen: 14.48 ng
RT: 12.73 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:178 Resp: 202889

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	14.5	12.6	19.0



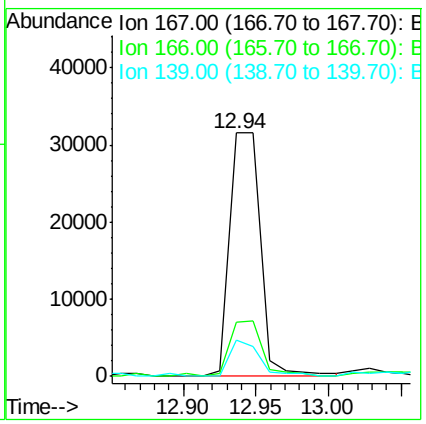


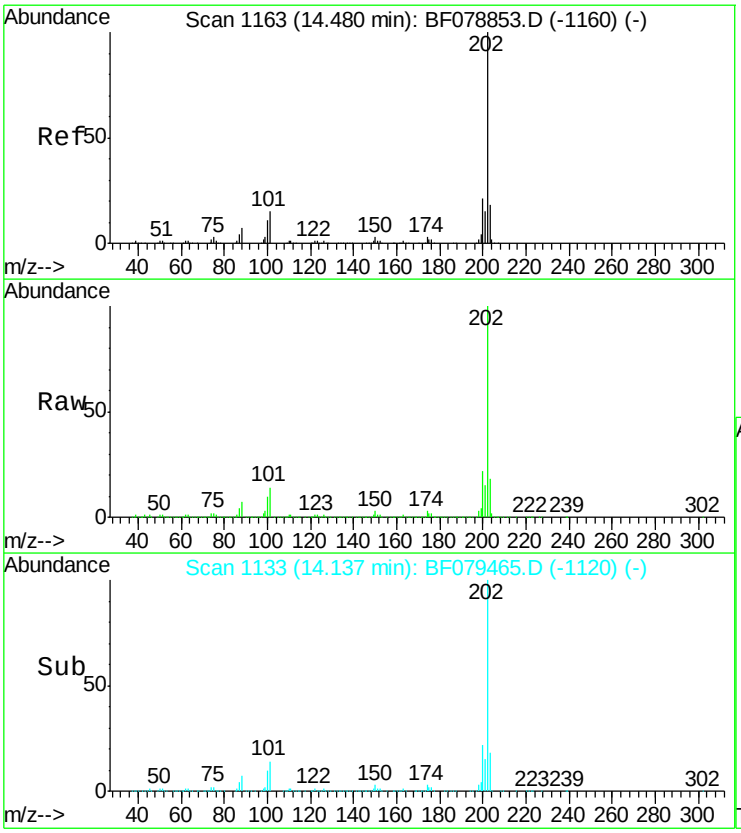
#72
Carbazole
Concen: 3.49 ng
RT: 12.94 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:167 Resp: 46566

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.5	26.3
139	15.1	11.0	16.4

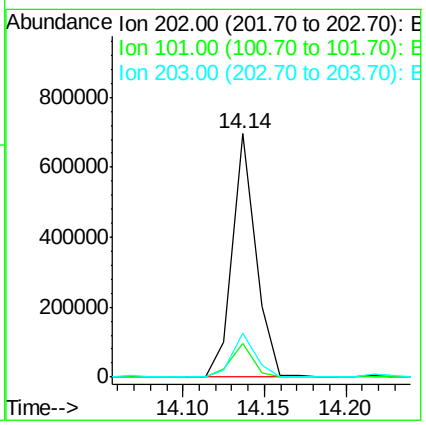


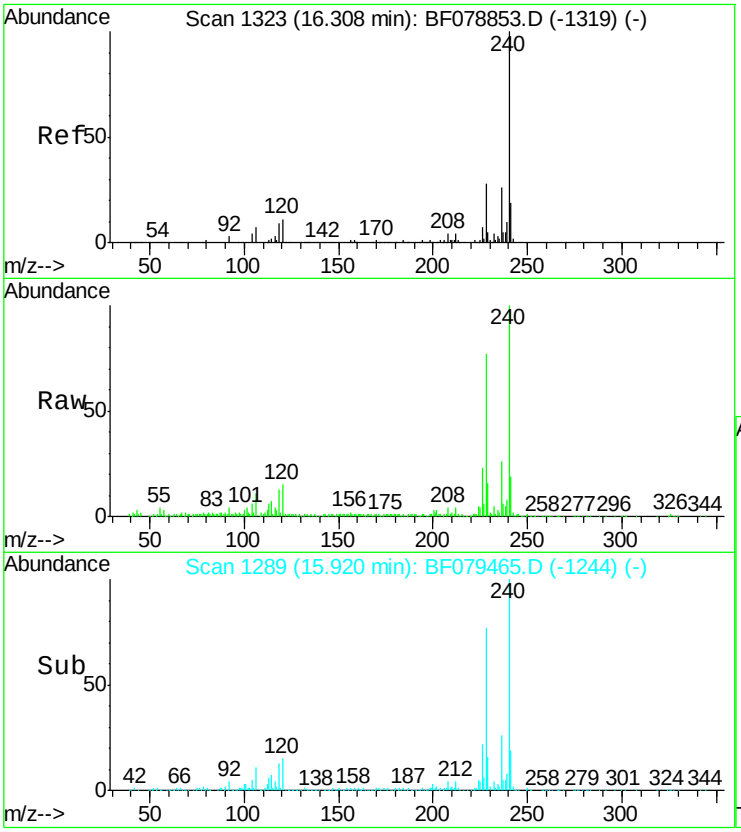


#74
Fluoranthene
Concen: 46.42 ng
RT: 14.14 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:202 Resp: 690921

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.7
203	18.1	0.0	37.9



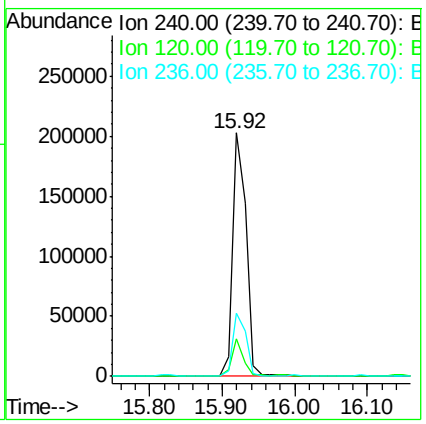


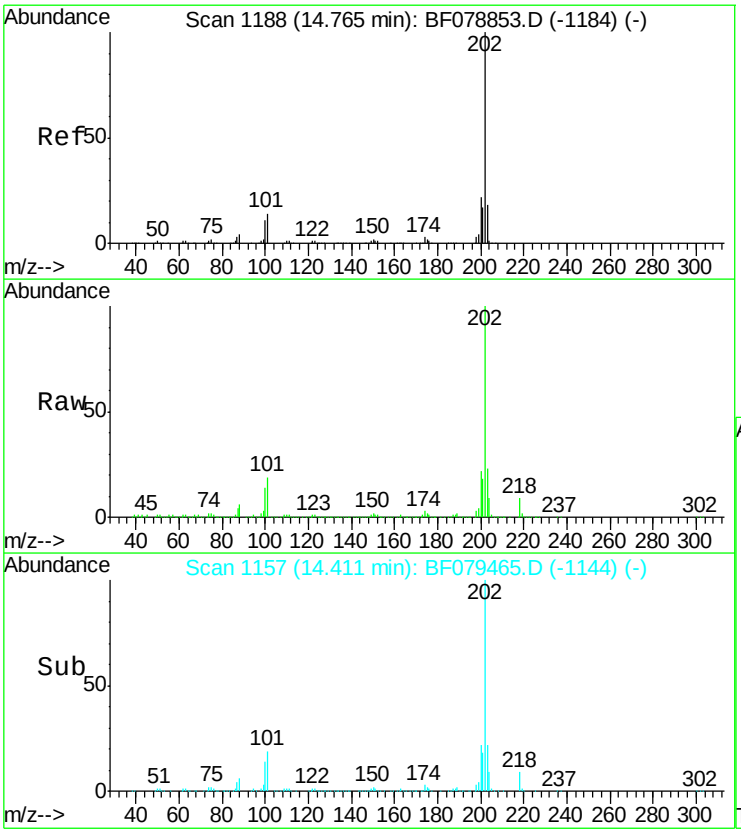
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:240 Resp: 257988

Ion	Ratio	Lower	Upper
240	100		
120	15.3	8.6	12.8#
236	26.1	21.0	31.6

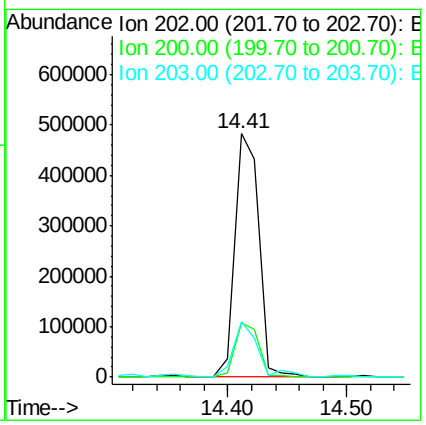


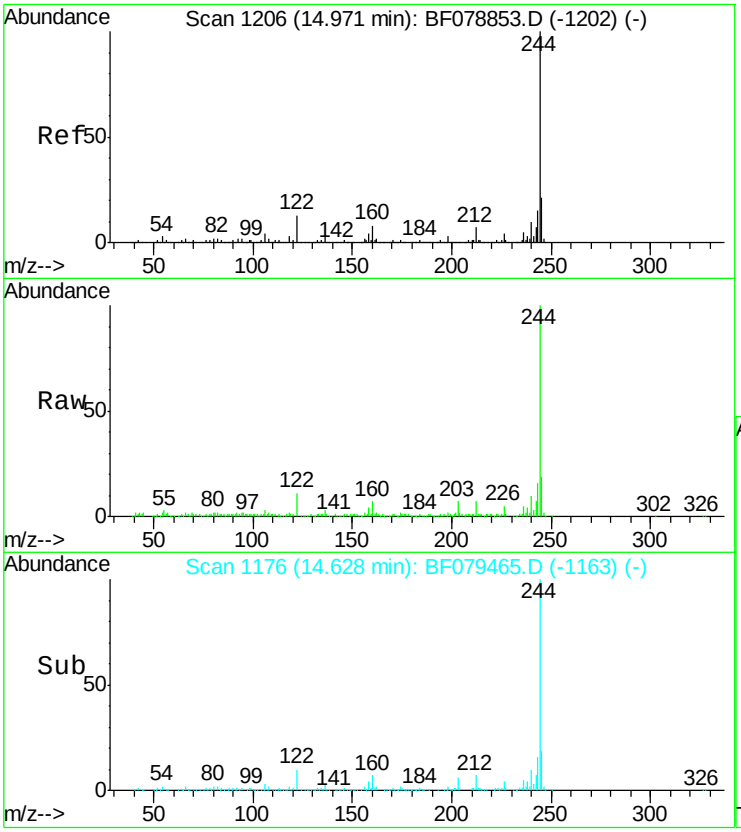


#77
Pyrene
Concen: 45.40 ng
RT: 14.41 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:202 Resp: 674928

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.5	26.3
203	23.0	14.7	22.1#



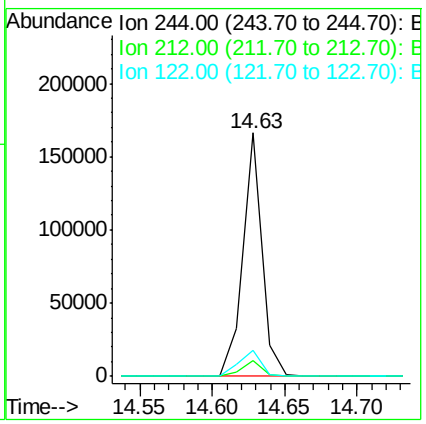


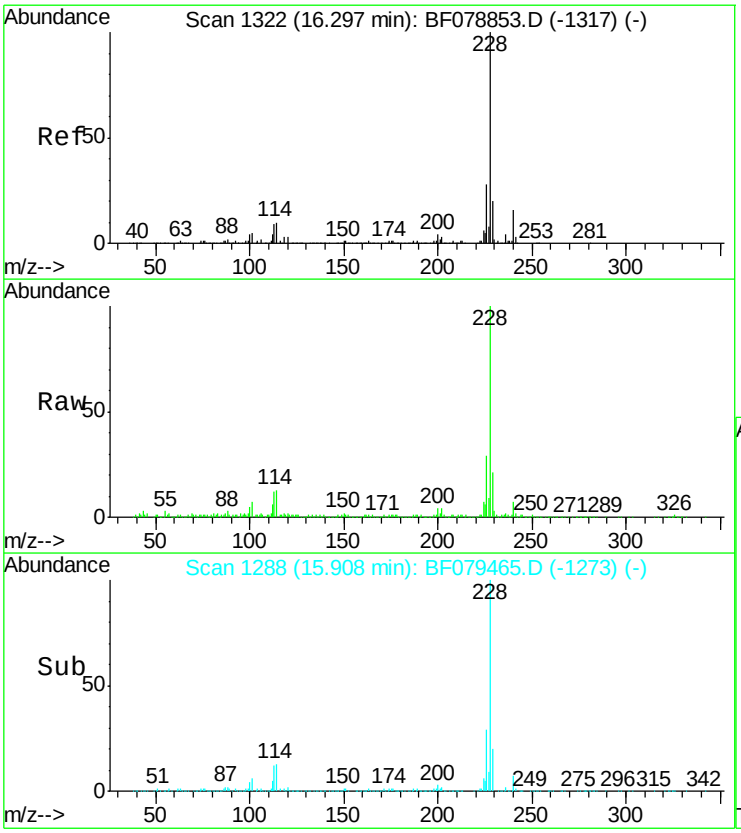
#78
Terphenyl-d14
Concen: 14.17 ng
RT: 14.63 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:244 Resp: 152674

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	10.7	10.5	15.7

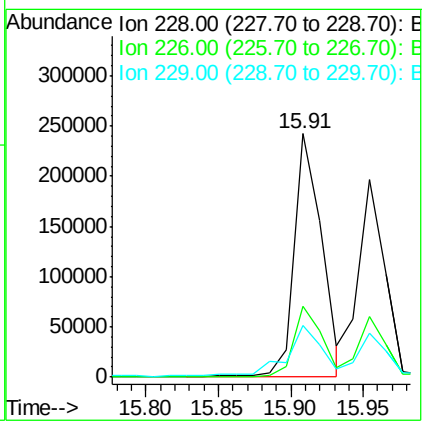


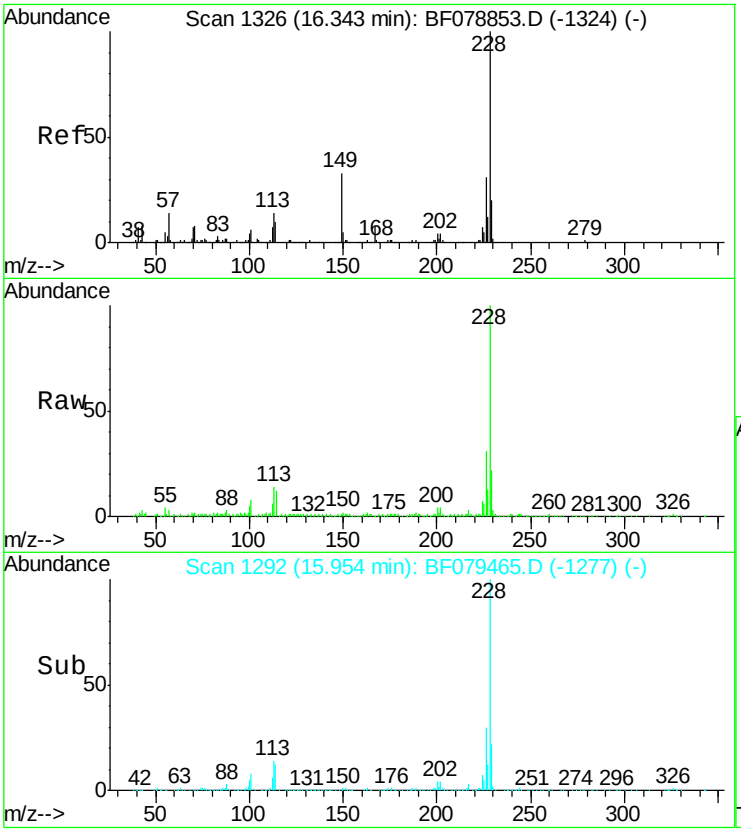


#80
Benzo(a)anthracene
Concen: 22.33 ng
RT: 15.91 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:228 Resp: 315540

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.3	33.5
229	20.9	16.1	24.1



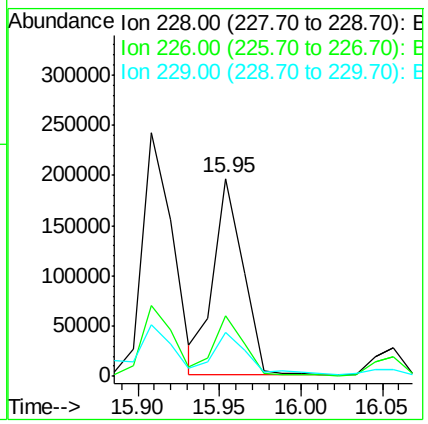


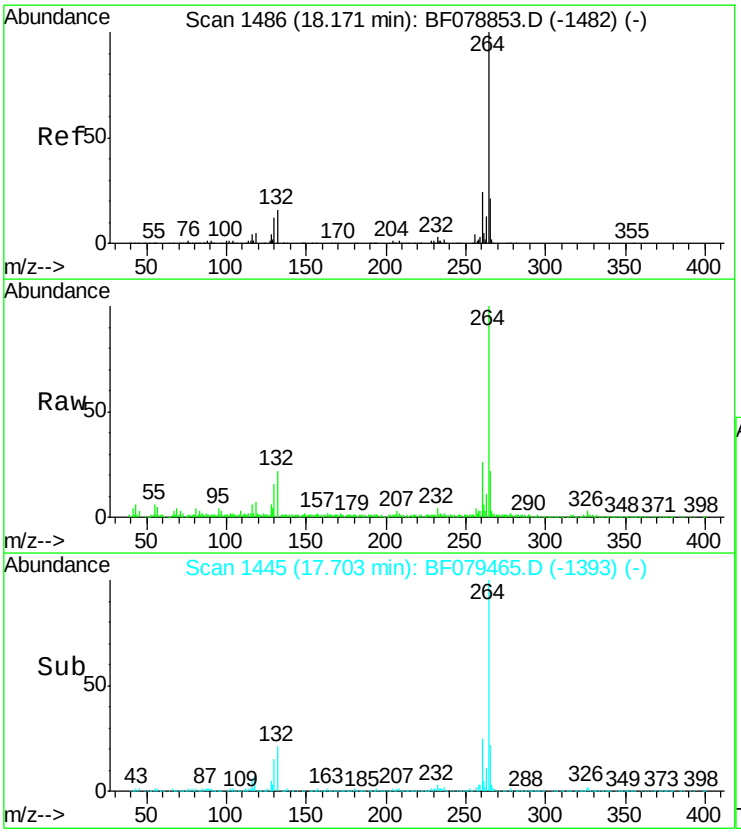
#82
Chrysene
Concen: 18.34 ng
RT: 15.95 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:228 Resp: 249185

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	22.2	16.1	24.1

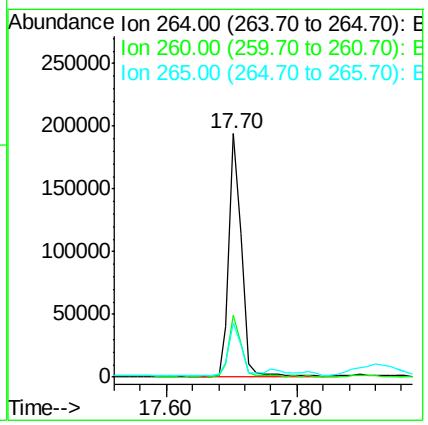


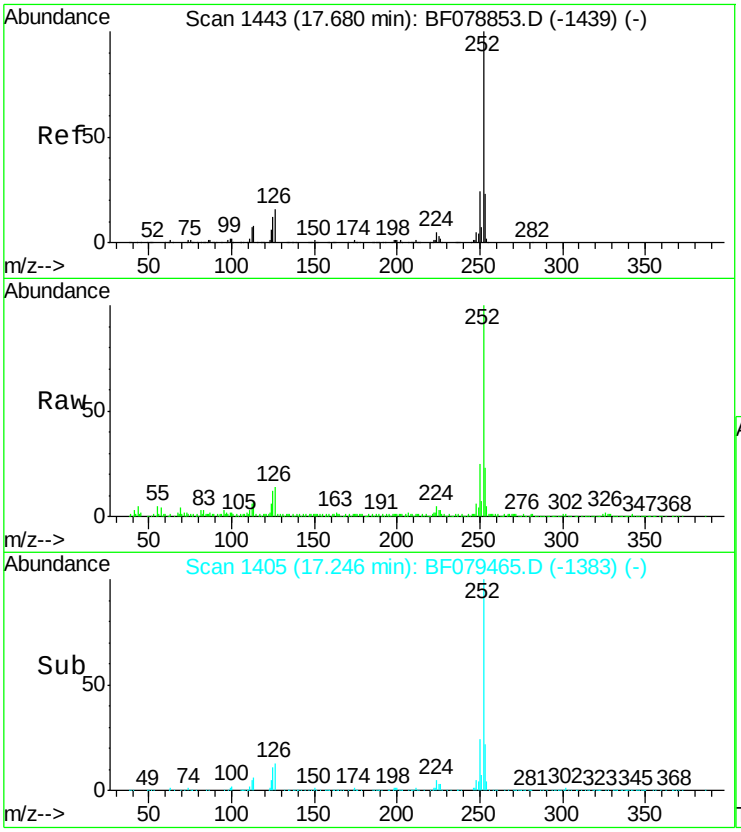


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1445
Delta R.T. 0.09 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:264 Resp: 254120

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.1	17.2	25.8



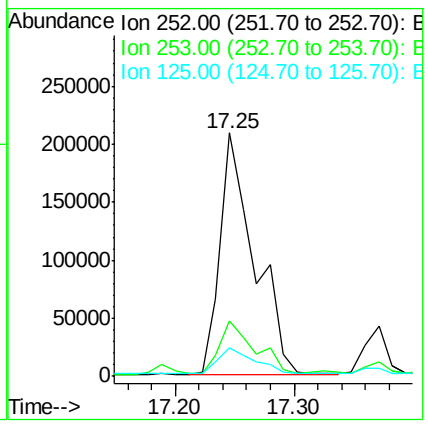


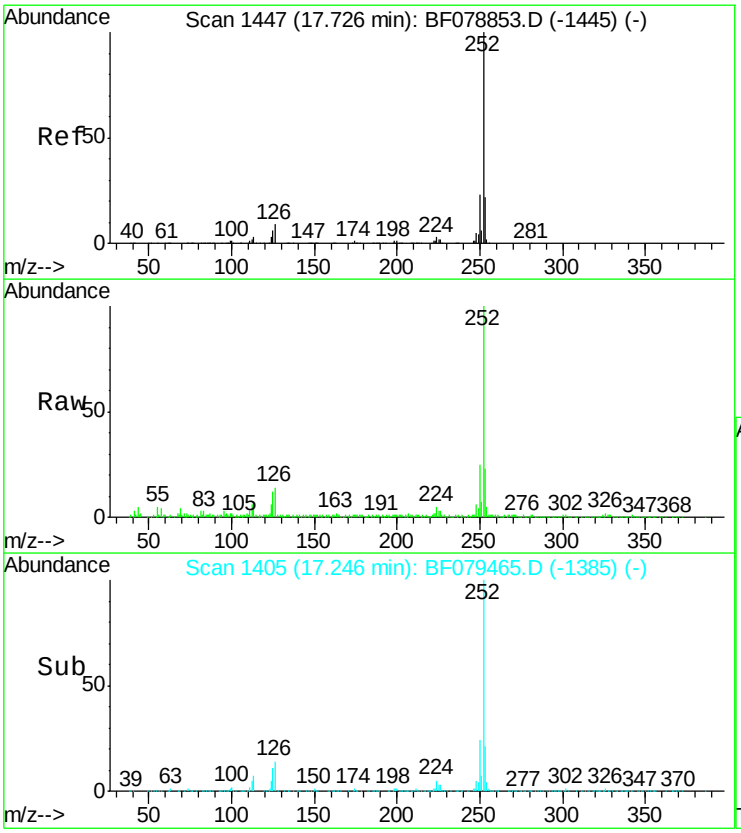
#87
Benzo(b)fluoranthene
Concen: 30.52 ng
RT: 17.25 min Scan# 1405
Delta R.T. 0.07 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:252 Resp: 424464

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.7	9.4	14.2

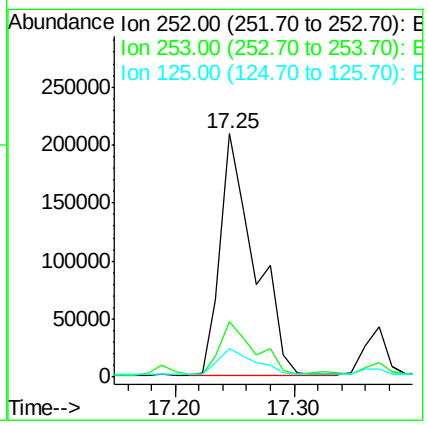


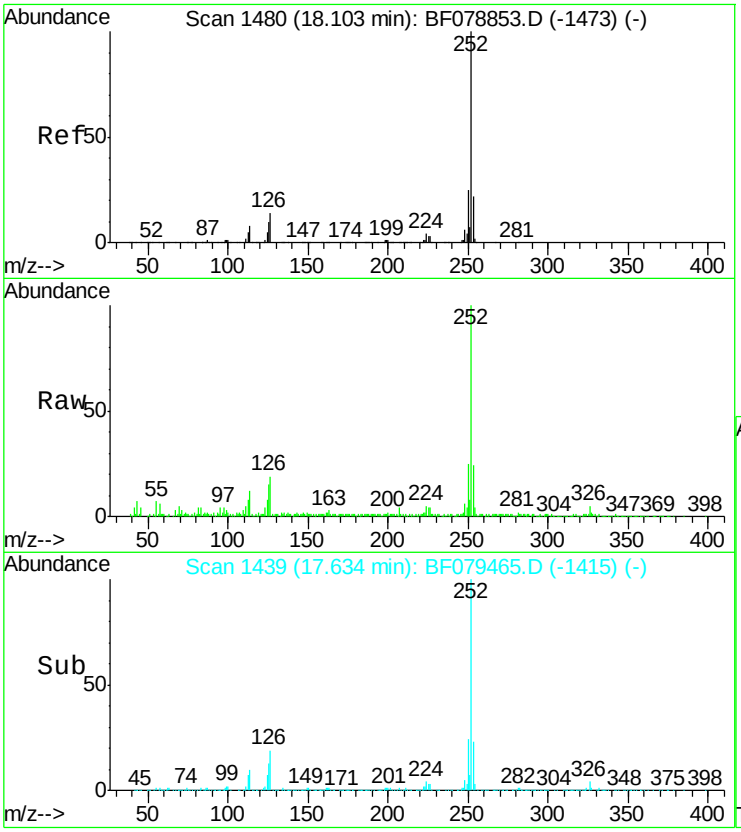


#88
Benzo(k)fluoranthene
Concen: 31.52 ng
RT: 17.25 min Scan# 1405
Delta R.T. 0.05 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:252 Resp: 424464

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	11.7	6.1	9.1#



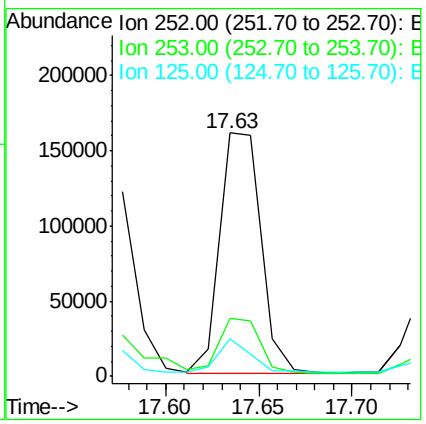


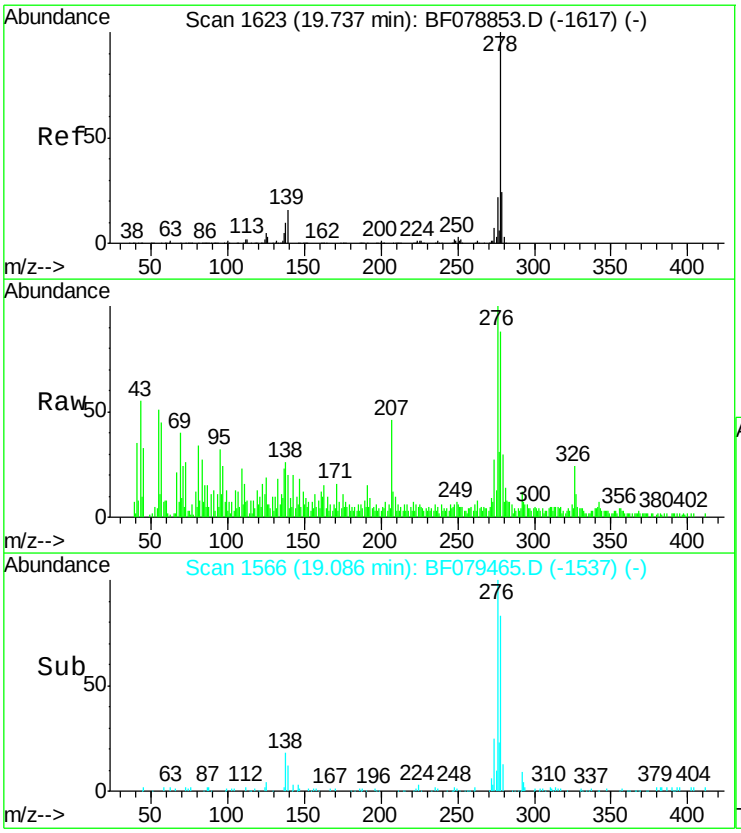
#89
Benzo(a)pyrene
Concen: 19.40 ng
RT: 17.63 min Scan# 1439
Delta R.T. 0.09 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:252 Resp: 248482

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	15.4	8.2	12.2#

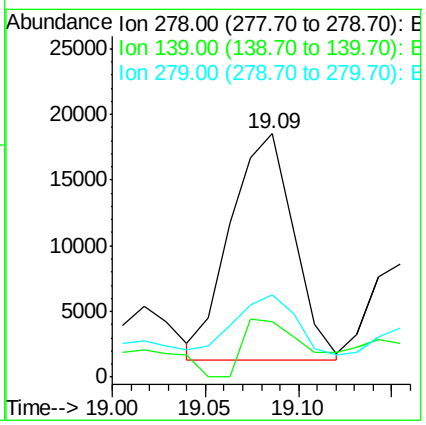


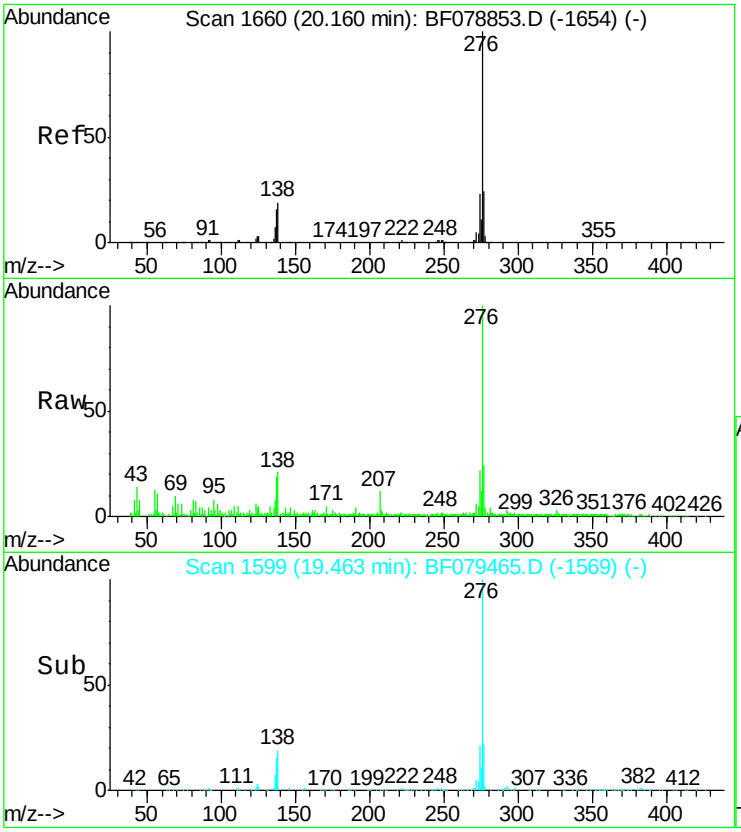


#90
Dibenzo(a,h)anthracene
Concen: 3.00 ng
RT: 19.09 min Scan# 1566
Delta R.T. 0.13 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Tgt Ion:278 Resp: 40773

Ion	Ratio	Lower	Upper
278	100		
139	22.7	13.1	19.7#
279	34.0	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 11.22 ng
RT: 19.46 min Scan# 1599
Delta R.T. 0.14 min
Lab File: BF079465.D
Acq: 23 May 2015 9:21

Instrument :
BNA_F
ClientSampleId :
SB-31D

Tgt Ion:276 Resp: 153095

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.6	15.2	22.8