Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30S

Quant Time: May 25 07:01:55 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	72029	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	297635	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	135451	20.00	ng		0.00
63) Phenanthrene-d10	12.63	188	248376	20.00	ng		0.00
75) Chrysene-d12	15.92	240	259875	20.00	ng		0.01
86) Perylene-d12	17.67	264	260747	20.00	ng		0.06
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	113452	21.91	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	45940	31.35	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	404158	41.57	ng		0.00
78) Terphenyl-d14	14.63	244	401191	36.96	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	8.38	122	1289	6.73	ng	#	68
49) Dimethylphthalate	10.49	163	28402	2.86	ng	#	98
51) Acenaphthene	10.83	154	22501	2.74	ng		96
55) 4-Nitrophenol	11.05	139	8027	4.14	ng	#	2
57) Fluorene	11.47	166	28897	2.96	ng		97
70) Phenanthrene	12.66	178	457236	32.91	ng		99
71) Anthracene	12.73	178	129060	9.47	ng		98
72) Carbazole	12.95	167	32963	2.54	ng		99
74) Fluoranthene	14.14	202	717562	49.56	ng		97
77) Pyrene	14.41	202	671467	44.84	ng	#	96
80) Benzo(a)anthracene	15.91	228	422895	29.72	ng		97
82) Chrysene	15.95	228	312421	22.83	ng		97
85) Indeno(1,2,3-cd)pyrene	19.03	276	262733	15.07	ng		94
87) Benzo(b)fluoranthene	17.22	252	662038	46.39	ng		99
88) Benzo(k)fluoranthene	17.22	252	661570	47.88	ng	#	95
89) Benzo(a)pyrene	17.61	252	384174	29.23	ng		99
90) Dibenzo(a,h)anthracene	19.04	278	72907	5.22	ng	#	87
91) Benzo(g,h,i)perylene	19.42	276	251780	17.99	ng		96

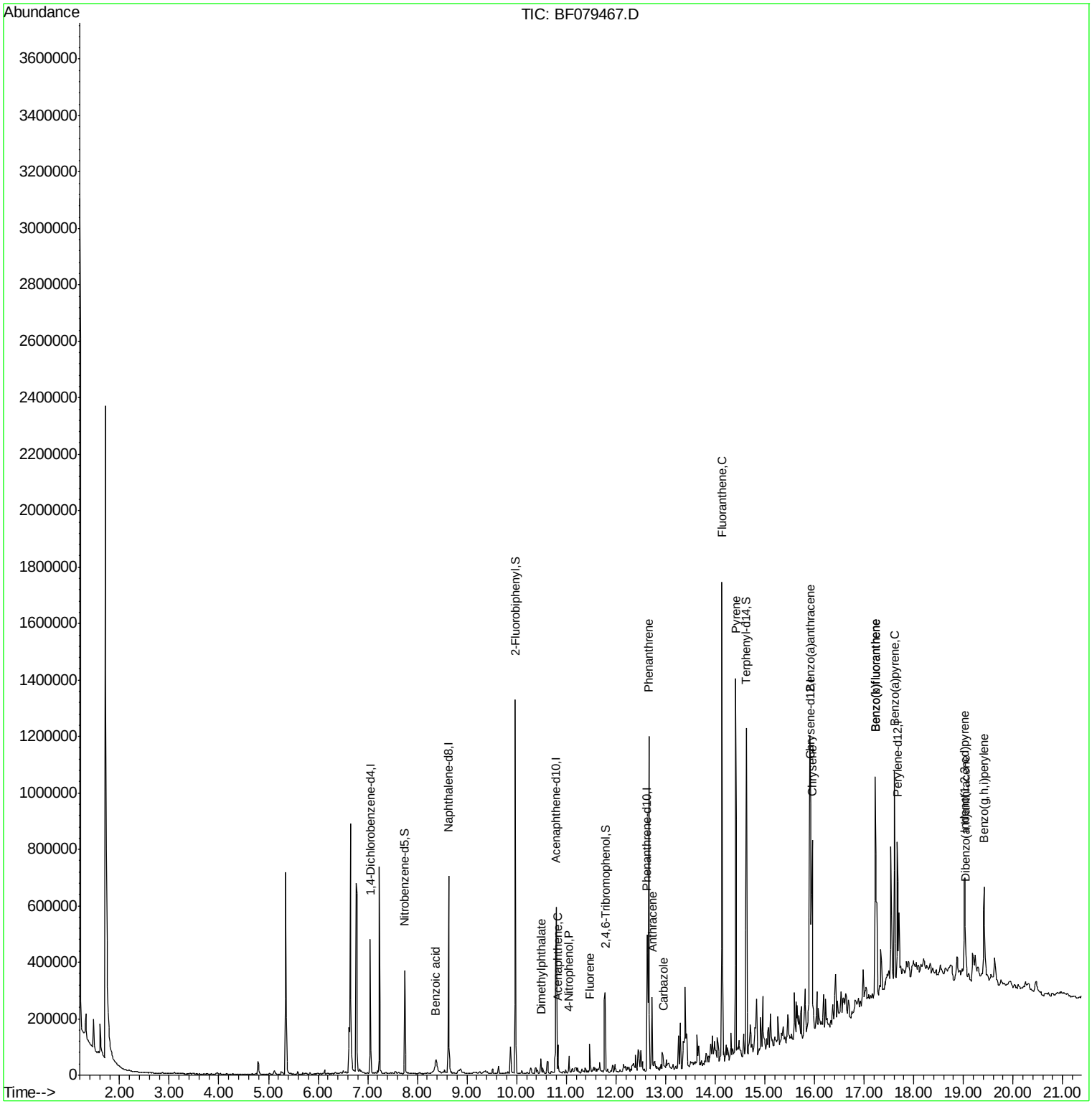
(#) = qualifier out of range (m) = manual integration (+) = signals summed

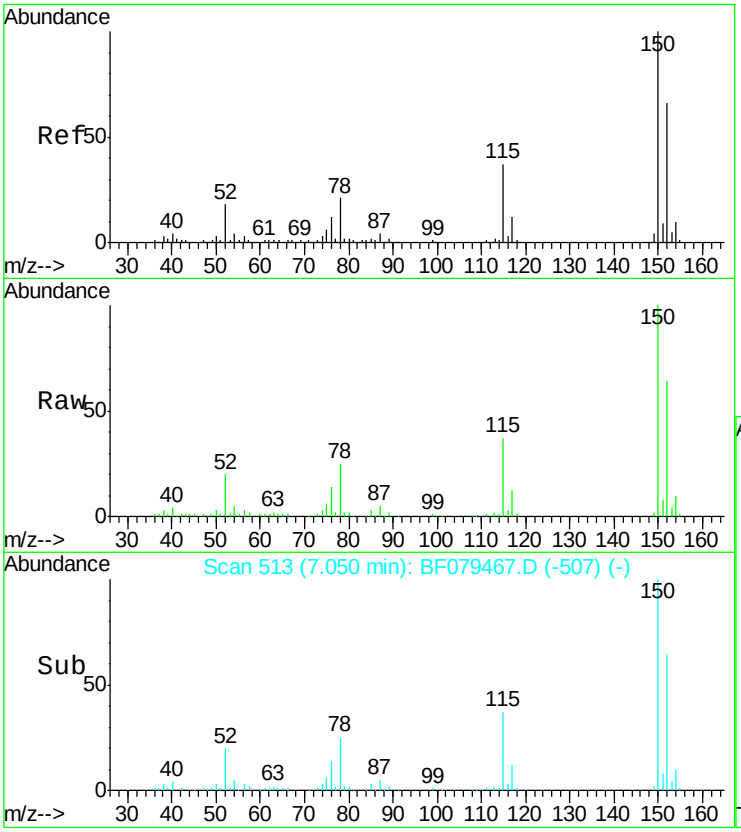
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079467.D
Acq On : 23 May 2015 10:18
Operator : TP/IZ
Sample : G2289-11 2X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-30S

Quant Time: May 25 07:01:55 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



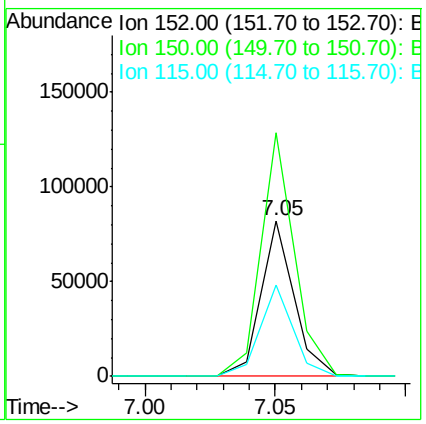


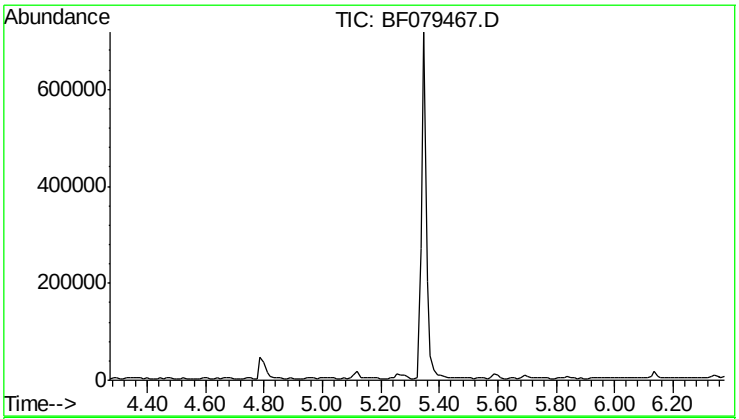
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:152 Resp: 72029

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.8	185.8
115	58.3	49.4	74.0



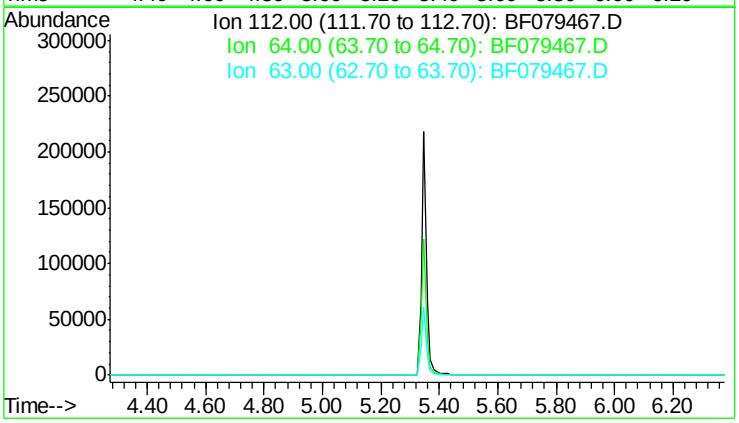


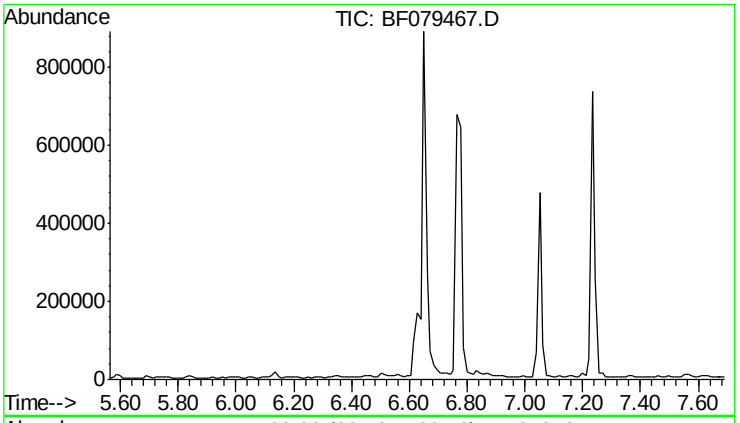
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.32 min

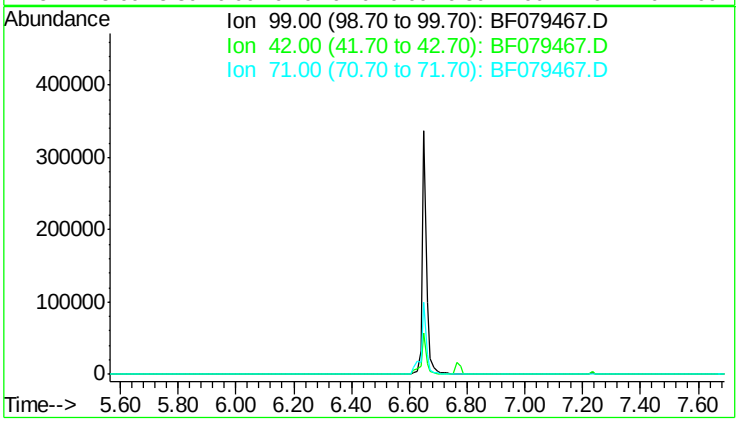
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4







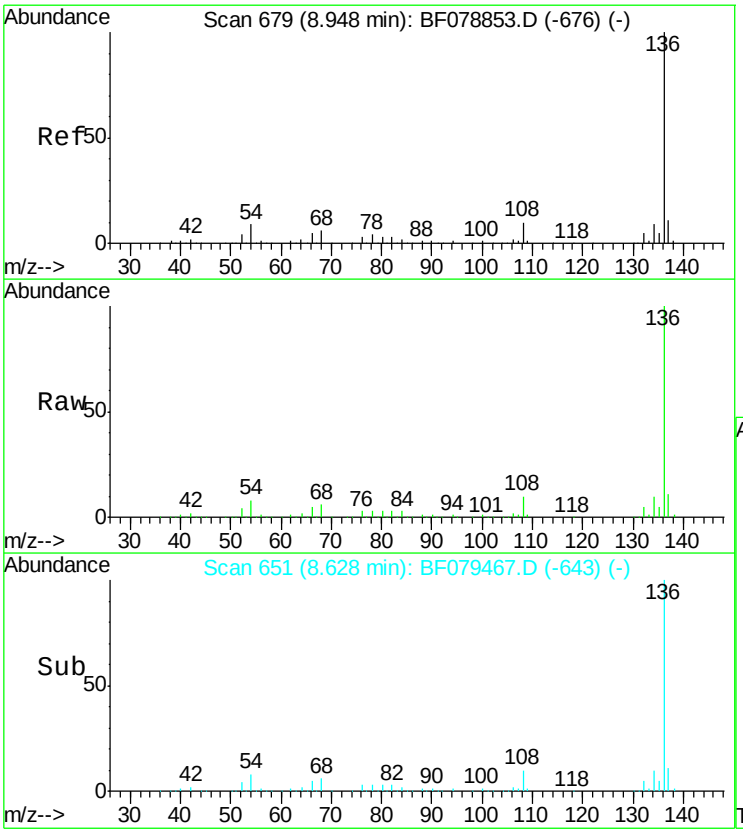
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.63 min

Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

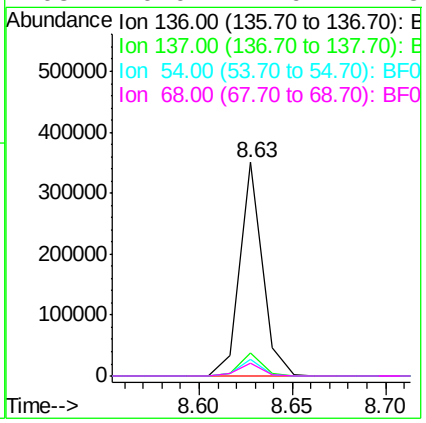
Instrument :
BNA_F
ClientSampleId :
SB-30S

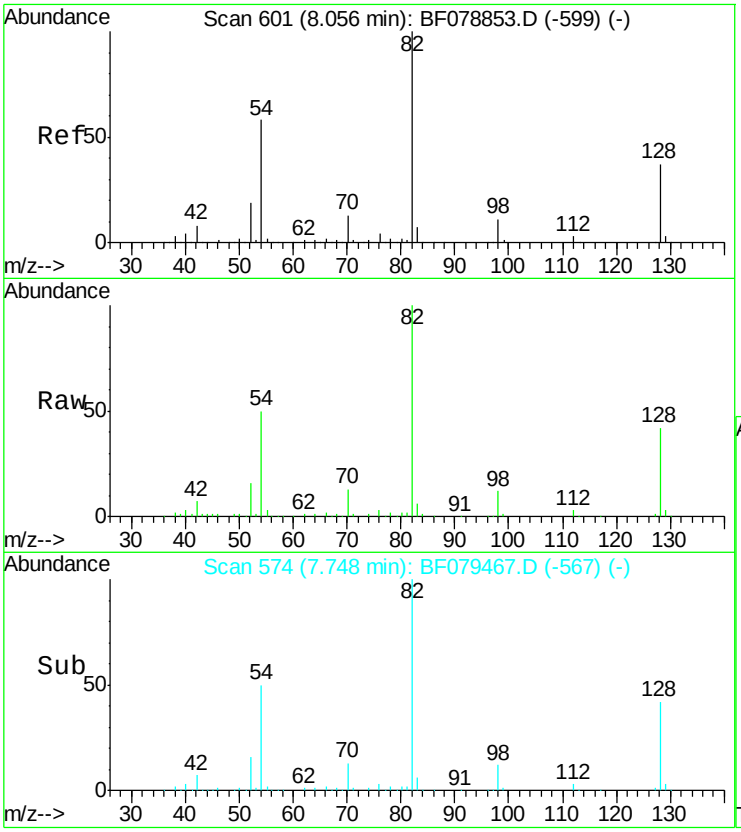


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:136 Resp: 297635

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.9	10.3
68	6.0	4.9	7.3



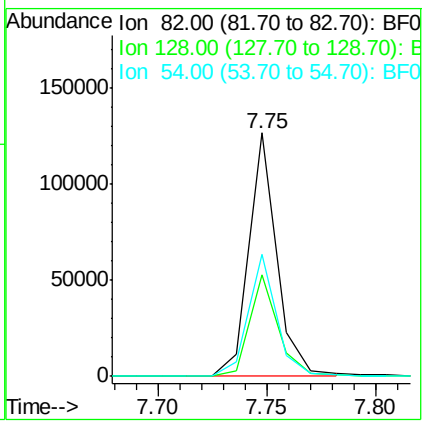


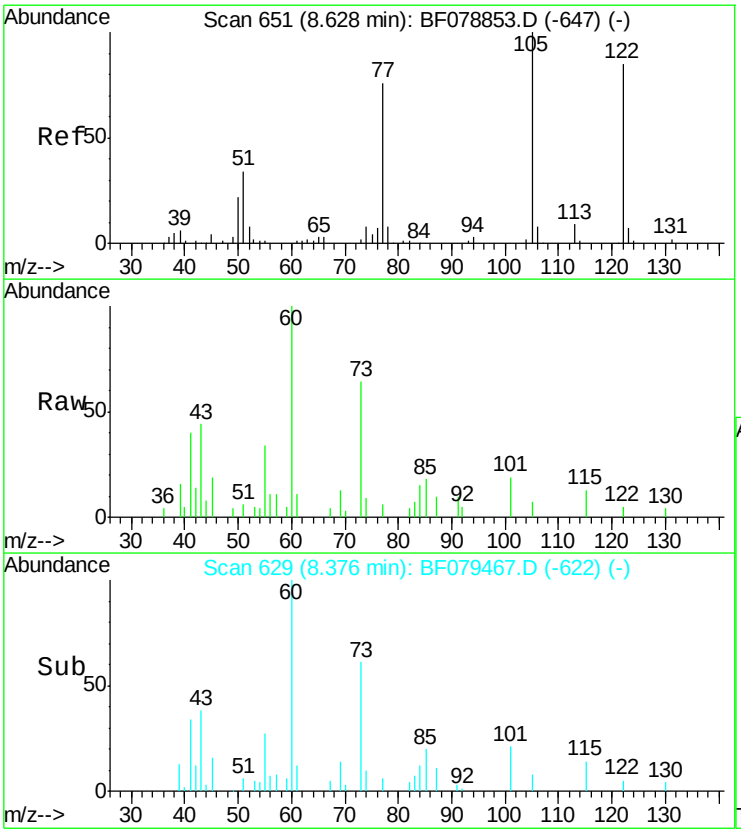
#23
Nitrobenzene-d5
Concen: 21.91 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion: 82 Resp: 113452

Ion	Ratio	Lower	Upper
82	100		
128	41.6	29.7	44.5
54	49.9	46.2	69.4

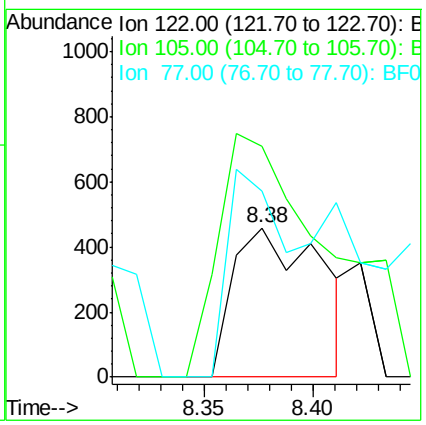


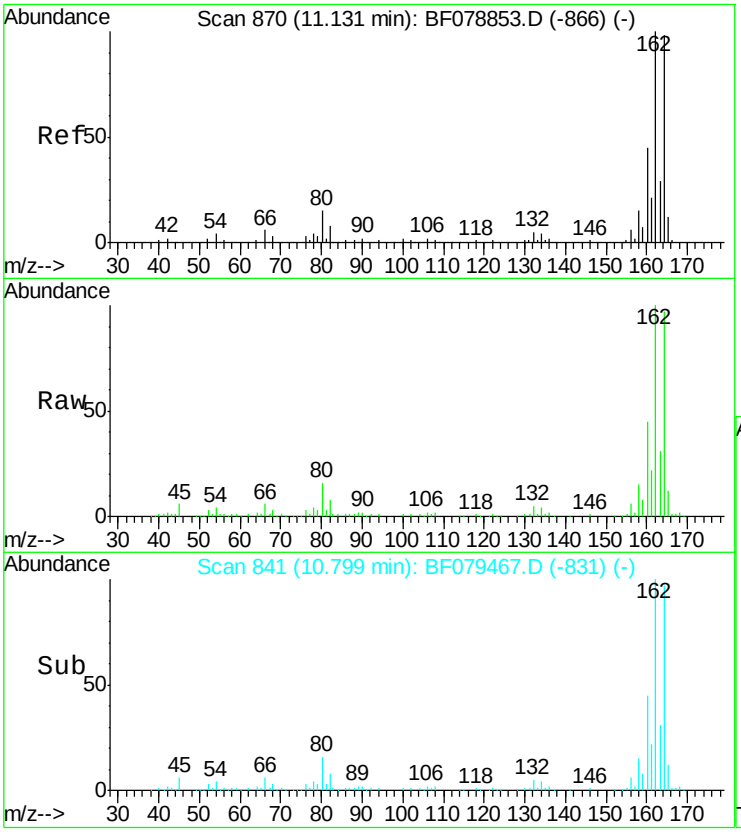


#32
Benzoic acid
Concen: 6.73 ng
RT: 8.38 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:122 Resp: 1289

Ion	Ratio	Lower	Upper
122	100		
105	154.9	100.7	140.7#
77	124.4	72.0	112.0#



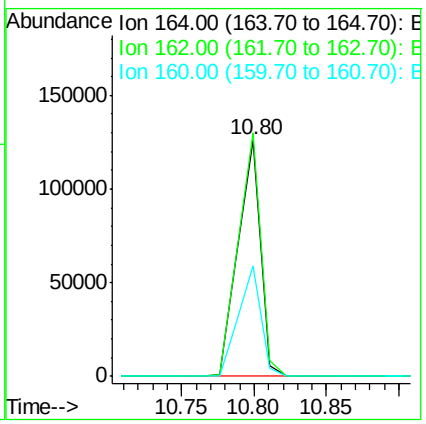


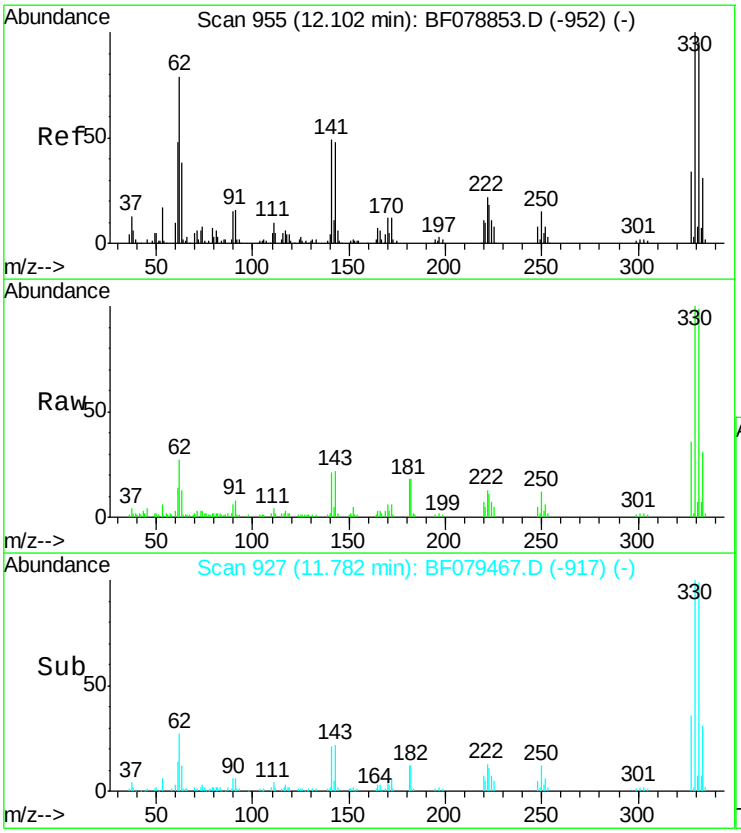
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:164 Resp: 135451

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.4	122.0
160	46.8	36.6	54.8

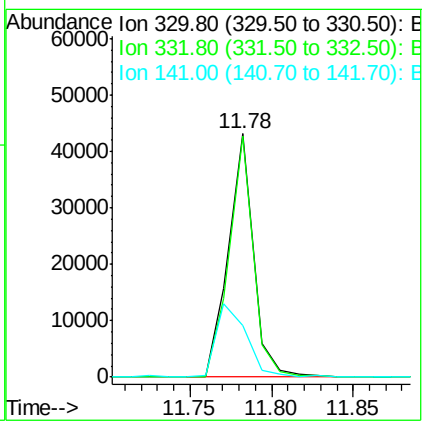


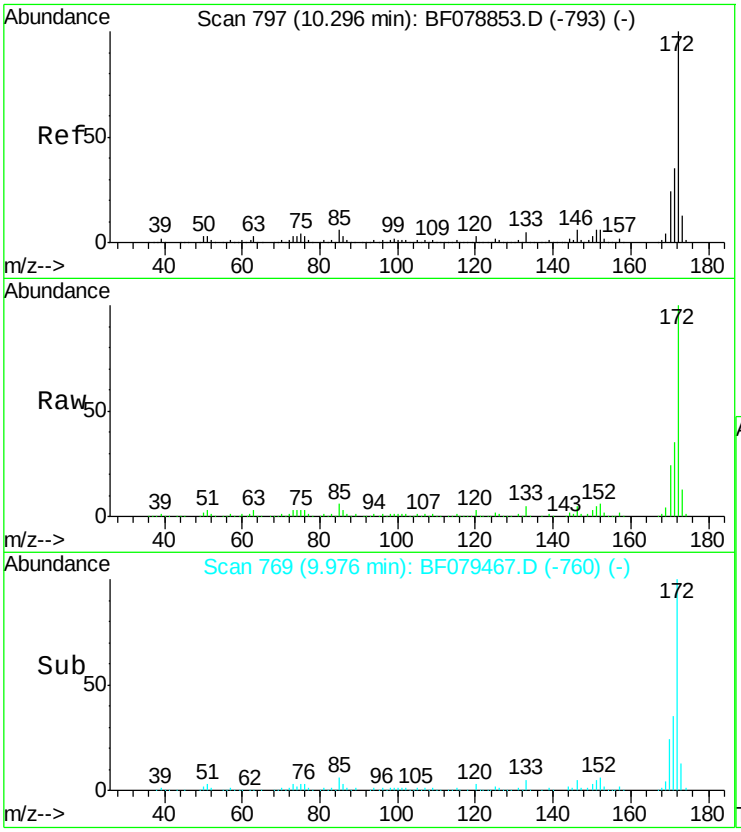


#41
2,4,6-Tribromophenol
Concen: 31.35 ng
RT: 11.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:330 Resp: 45940

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	36.5	27.8	41.8



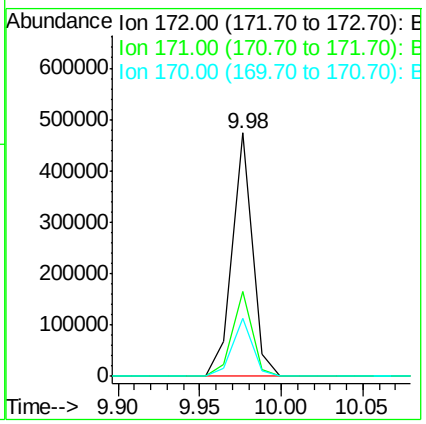


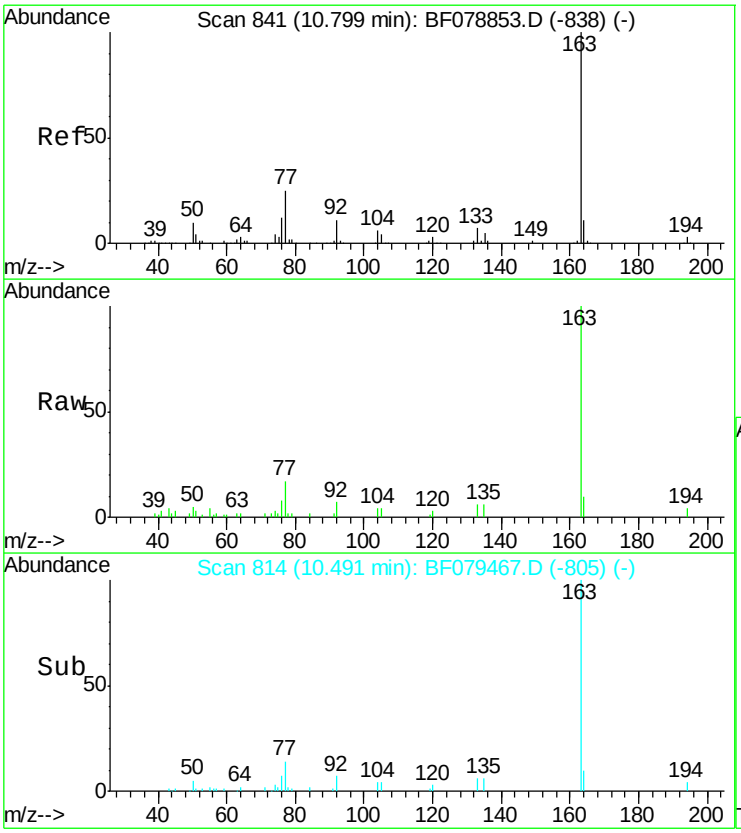
#44
2-Fluorobiphenyl
Concen: 41.57 ng
RT: 9.98 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:172 Resp: 404158

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	23.9	19.4	29.2

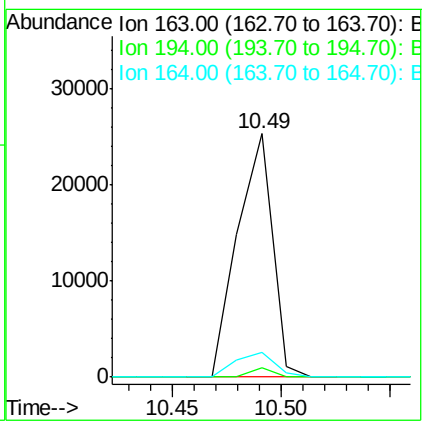


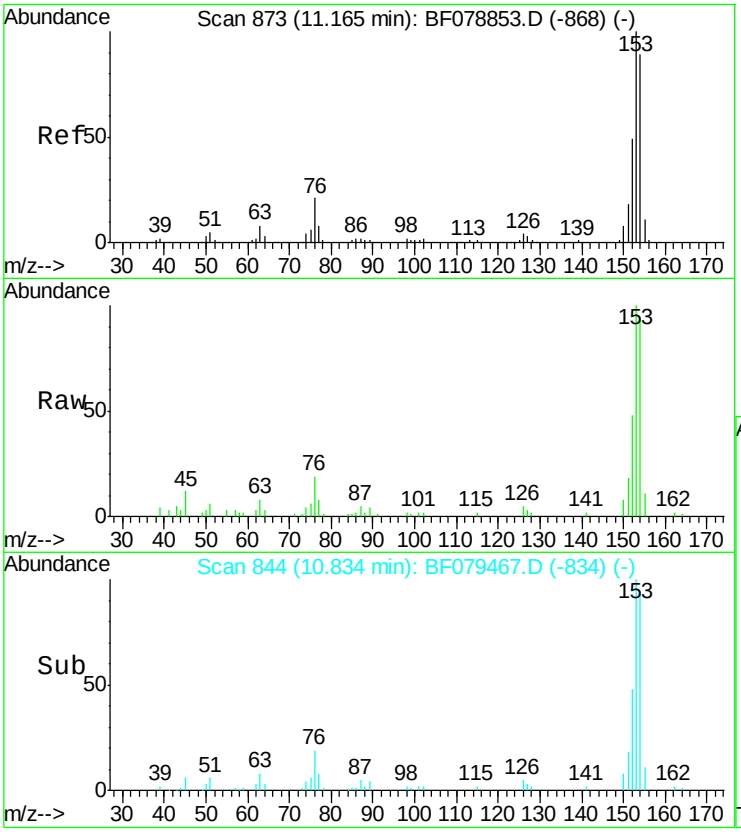


#49
Dimethylphthalate
Concen: 2.86 ng
RT: 10.49 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:163 Resp: 28402

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.4	3.6#
164	10.0	8.6	12.8



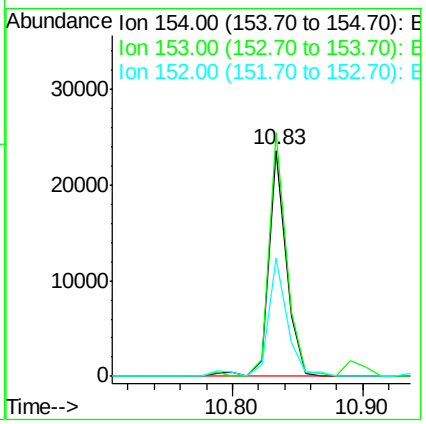


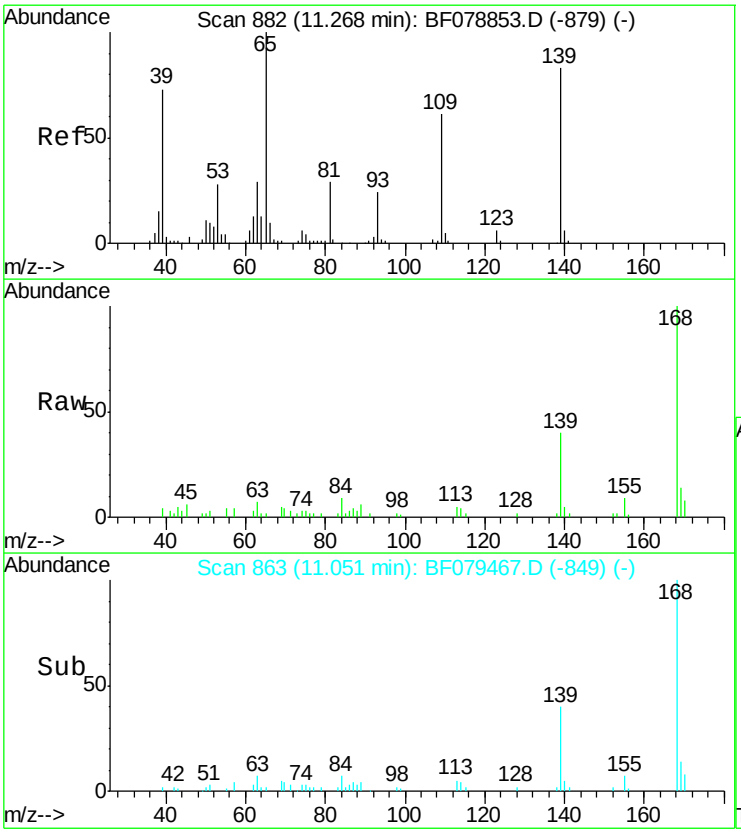
#51
Acenaphthene
Concen: 2.74 ng
RT: 10.83 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:154 Resp: 22501

Ion	Ratio	Lower	Upper
154	100		
153	107.9	90.2	135.2
152	52.2	43.8	65.8

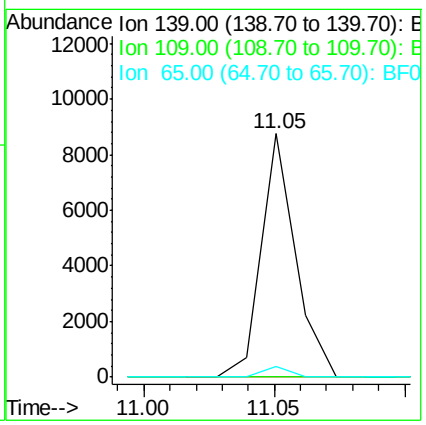


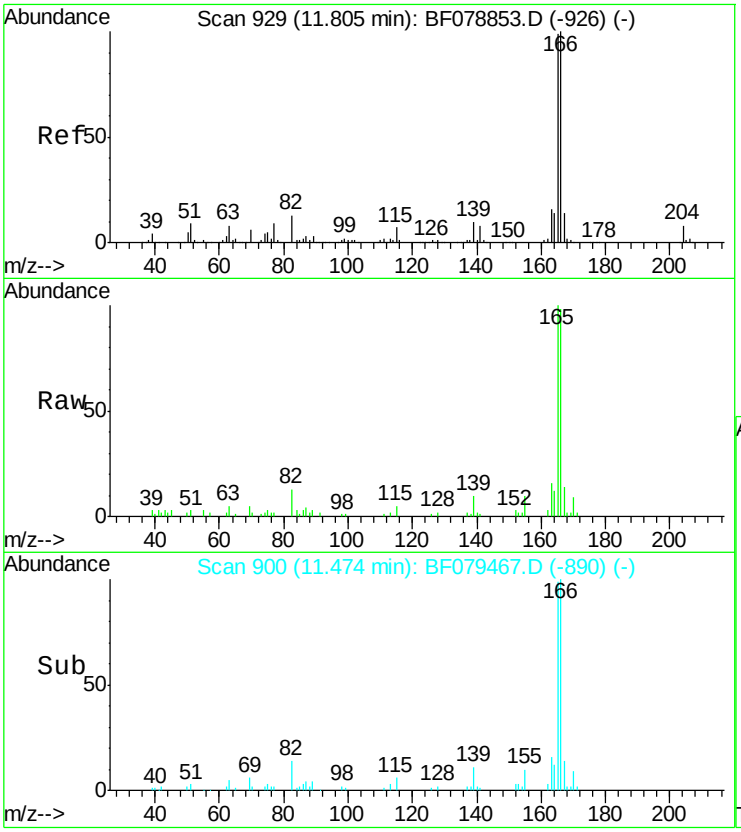


#55
4-Nitrophenol
Concen: 4.14 ng
RT: 11.05 min Scan# 863
Delta R.T. 0.05 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:139 Resp: 8027

Ion	Ratio	Lower	Upper
139	100		
109	0.0	54.4	94.4#
65	4.4	101.0	141.0#



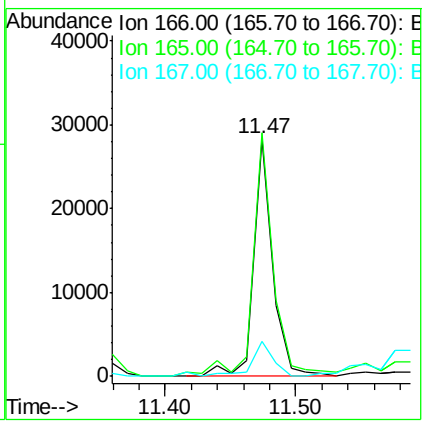


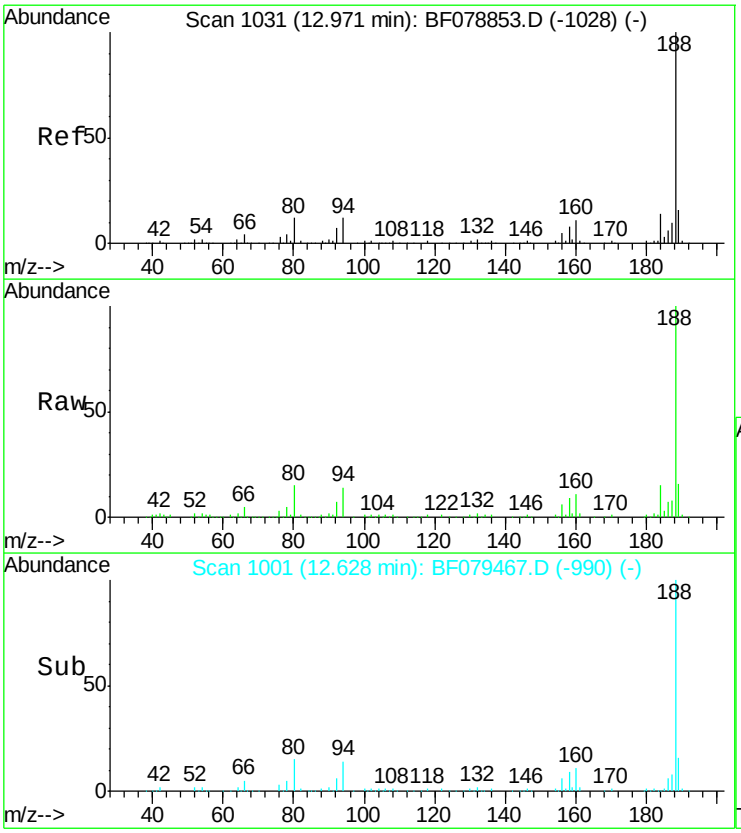
#57
Fluorene
Concen: 2.96 ng
RT: 11.47 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:166 Resp: 28897

Ion	Ratio	Lower	Upper
166	100		
165	102.4	79.5	119.3
167	14.4	11.0	16.6

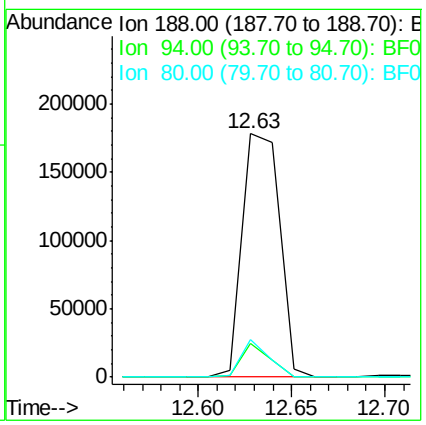


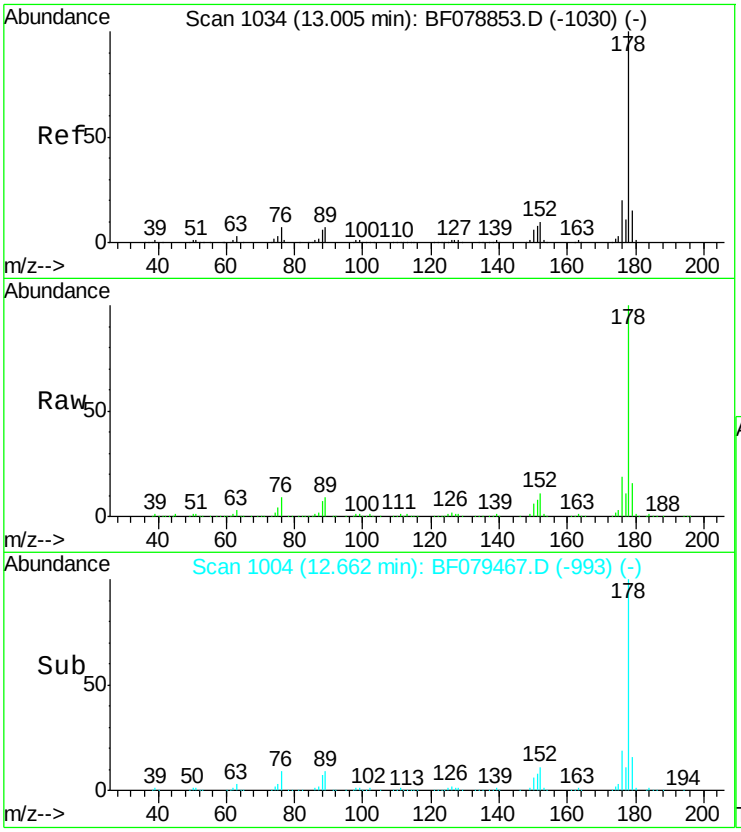


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:188 Resp: 248376

Ion	Ratio	Lower	Upper
188	100		
94	14.0	9.4	14.0#
80	15.4	9.8	14.6#



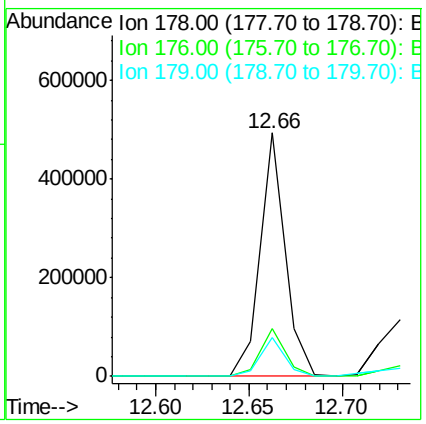


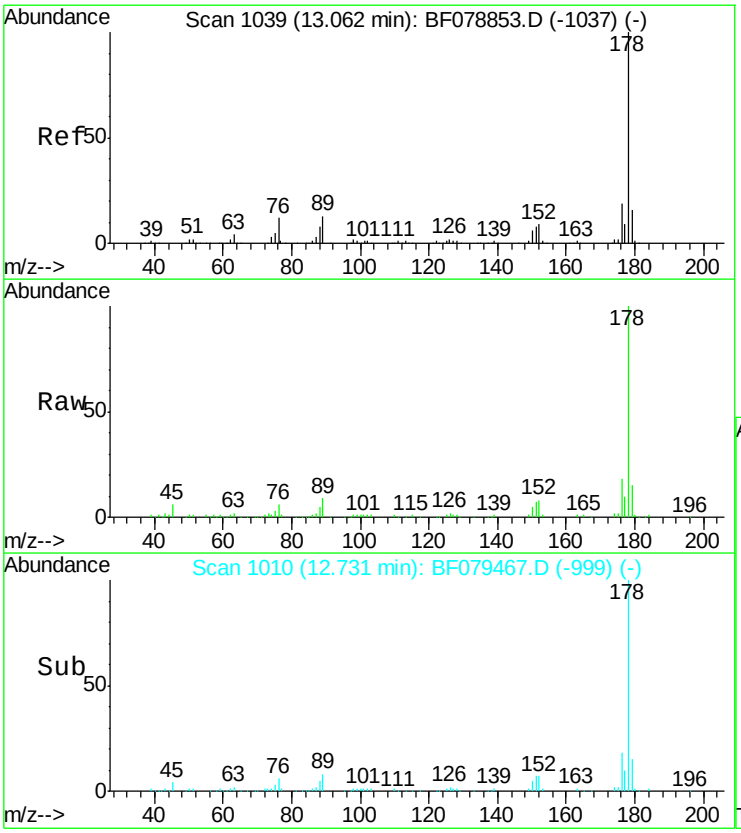
#70
Phenanthrene
Concen: 32.91 ng
RT: 12.66 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:178 Resp: 457236

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.7	12.2	18.4

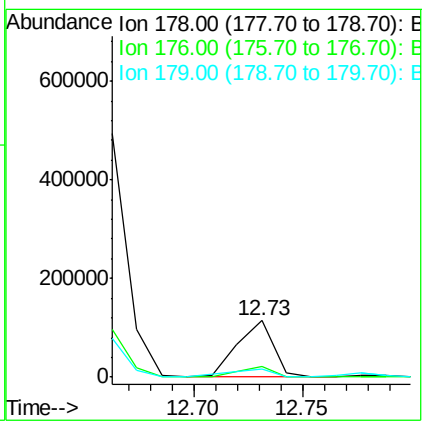


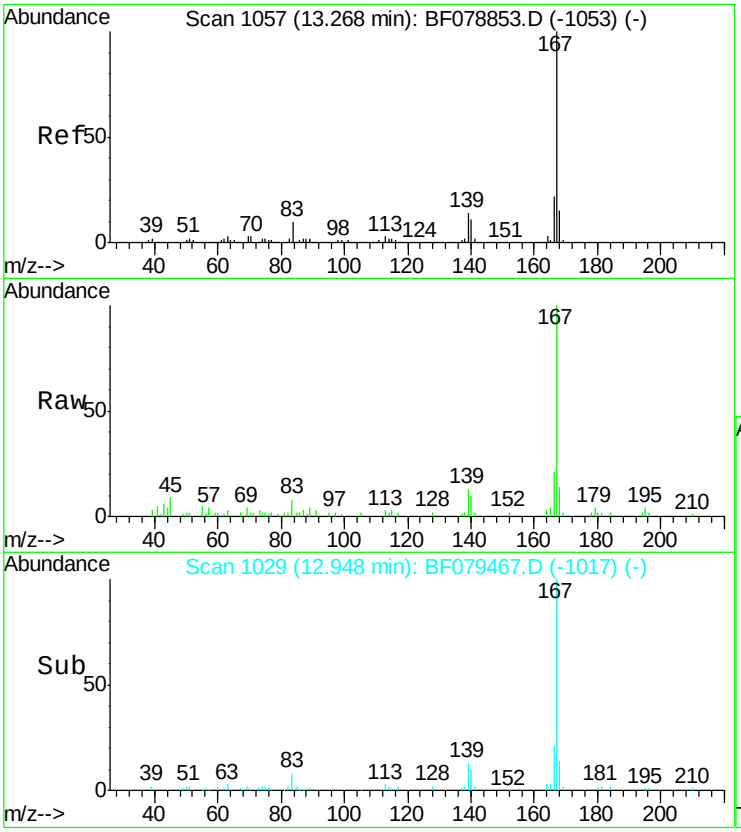


#71
Anthracene
Concen: 9.47 ng
RT: 12.73 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:178 Resp: 129060

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	15.2	12.6	19.0



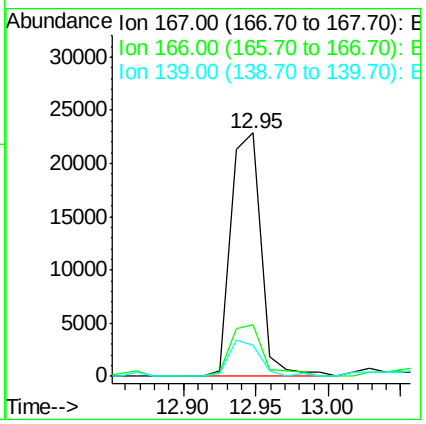


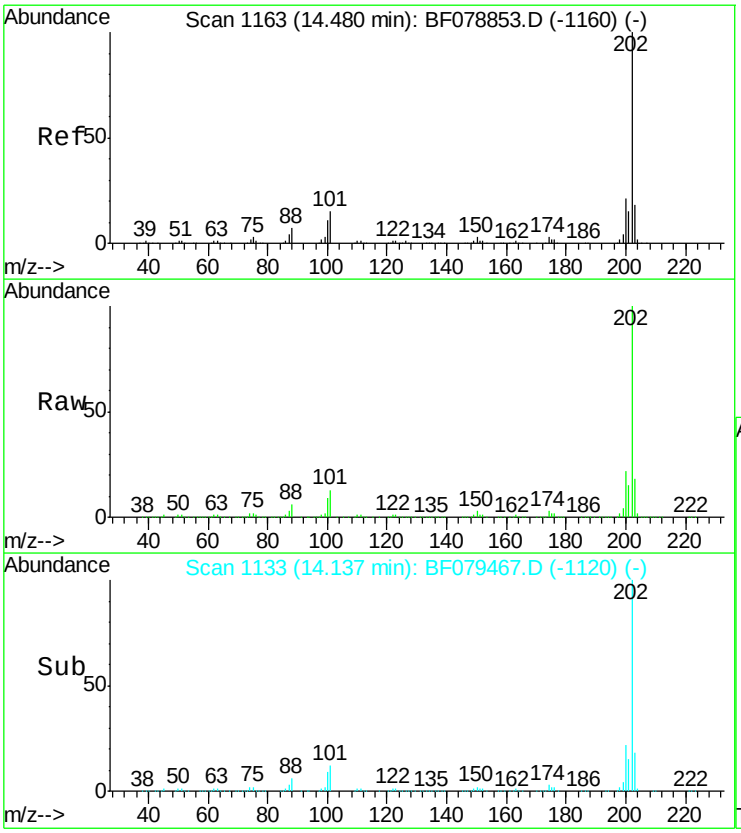
#72
Carbazole
Concen: 2.54 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:167 Resp: 32963

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.5	26.3
139	12.8	11.0	16.4

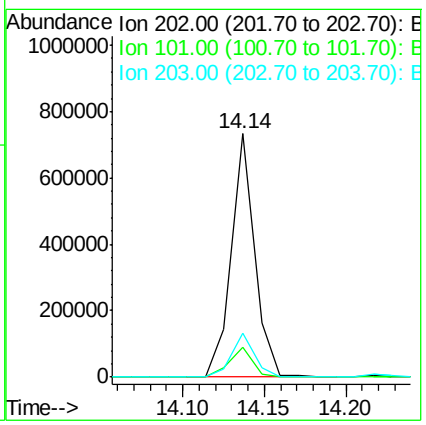


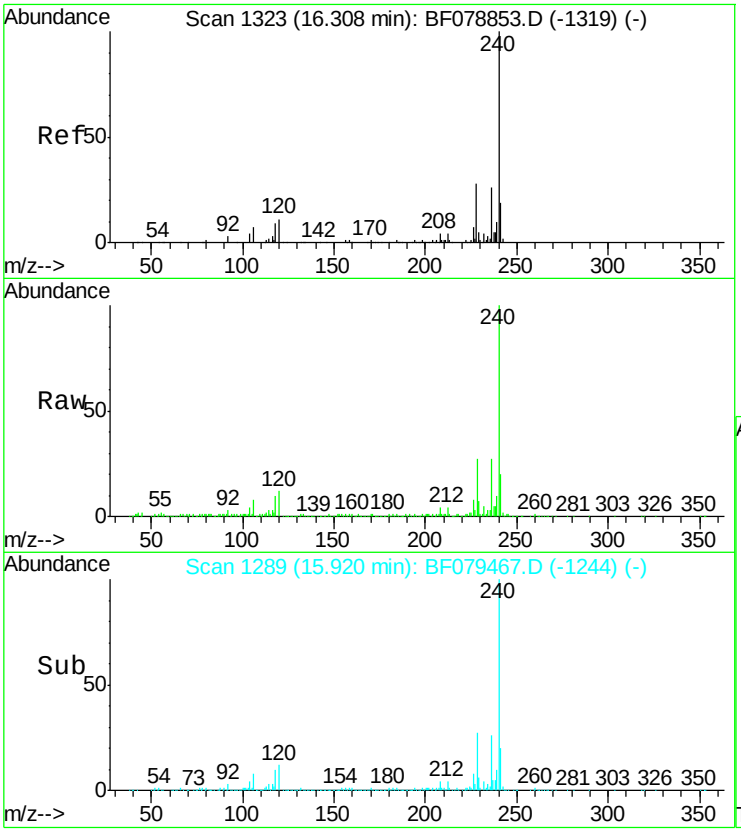


#74
Fluoranthene
Concen: 49.56 ng
RT: 14.14 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:202 Resp: 717562

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.7
203	18.2	0.0	37.9



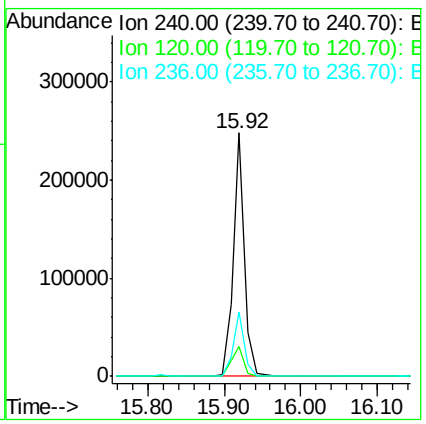


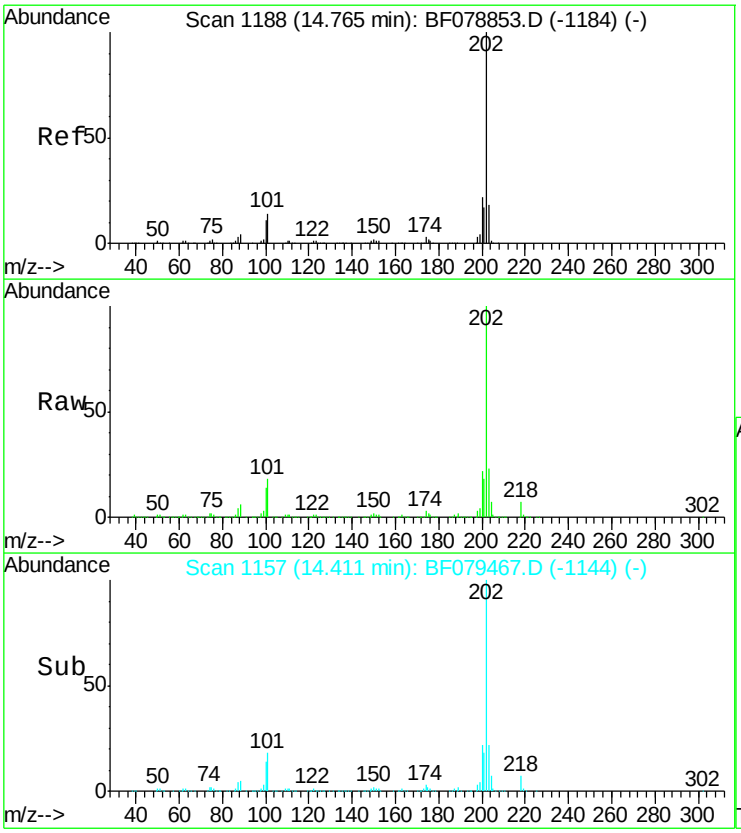
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:240 Resp: 259875

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.6	12.8
236	26.7	21.0	31.6

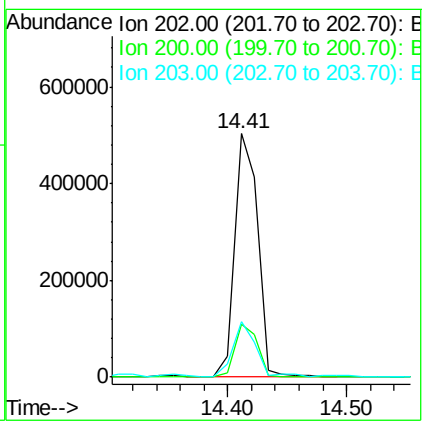


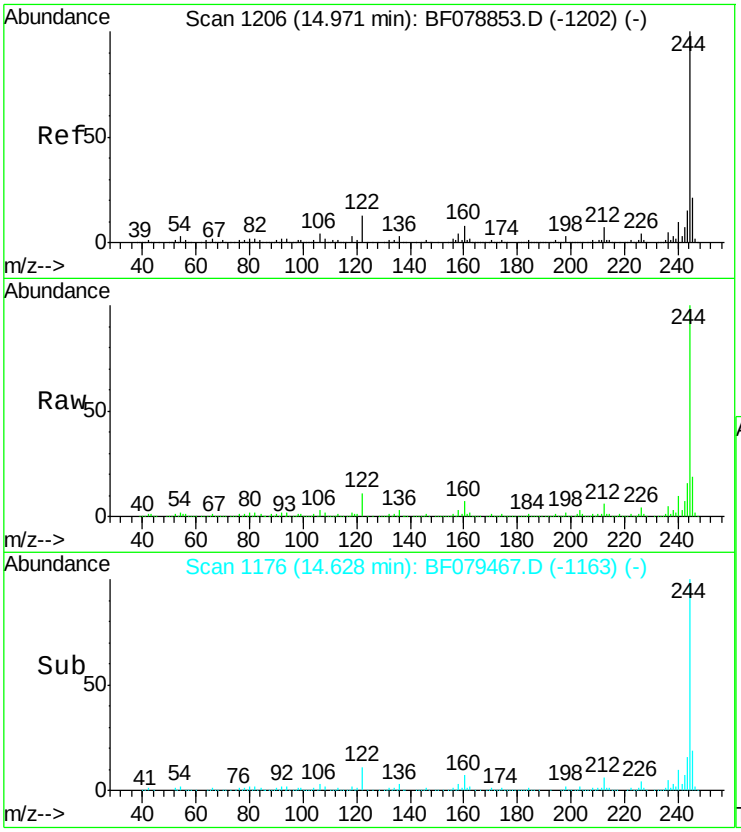


#77
Pyrene
Concen: 44.84 ng
RT: 14.41 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:202 Resp: 671467

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	22.7	14.7	22.1#



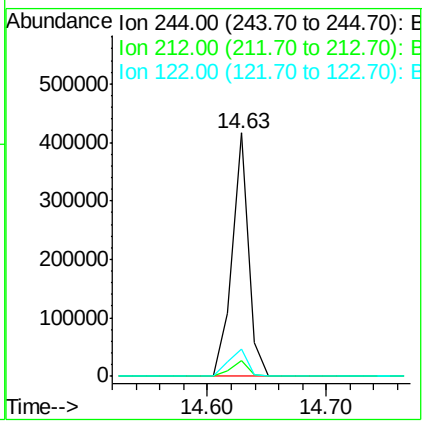


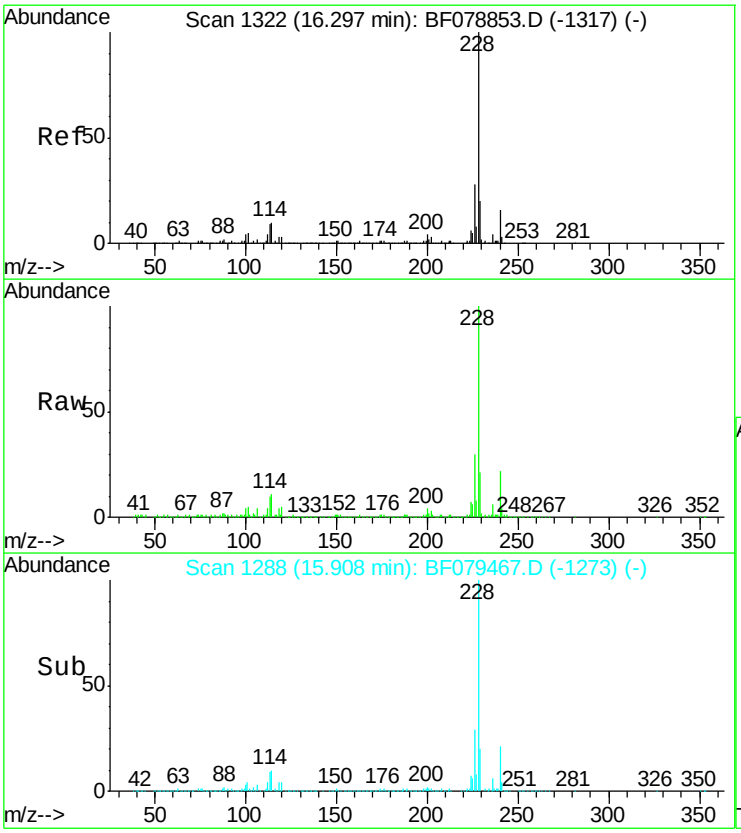
#78
Terphenyl-d14
Concen: 36.96 ng
RT: 14.63 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:244 Resp: 401191

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.5	10.5	15.7

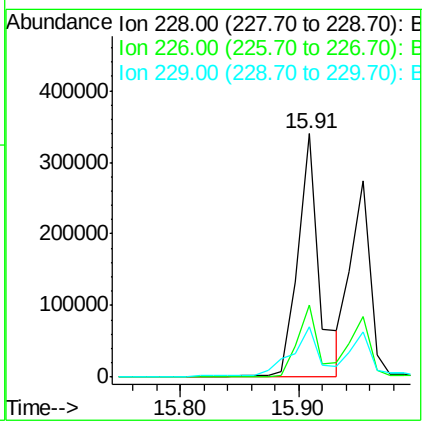


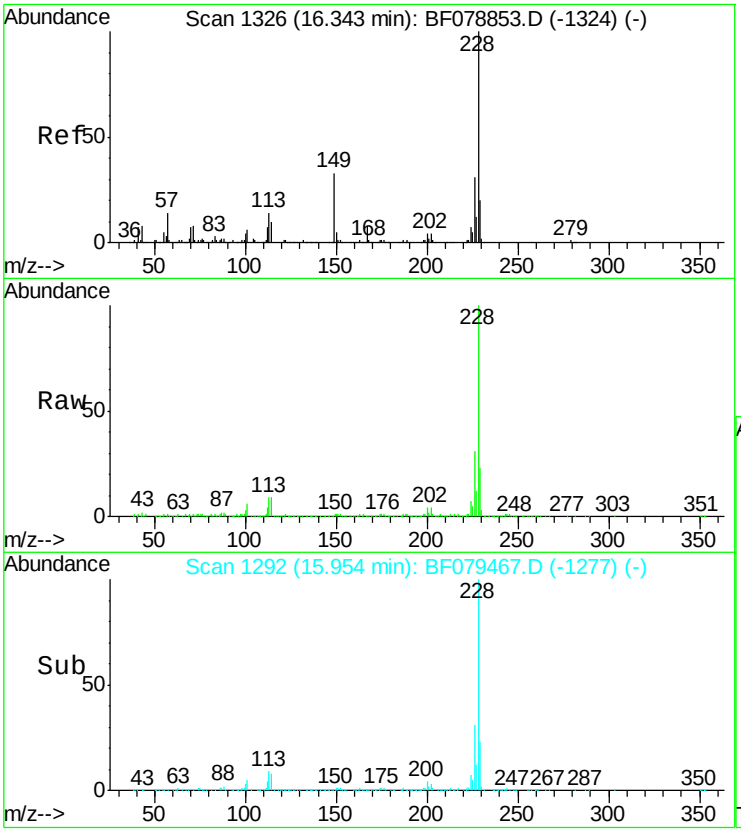


#80
Benzo(a)anthracene
Concen: 29.72 ng
RT: 15.91 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:228 Resp: 422895

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.3	33.5
229	20.6	16.1	24.1



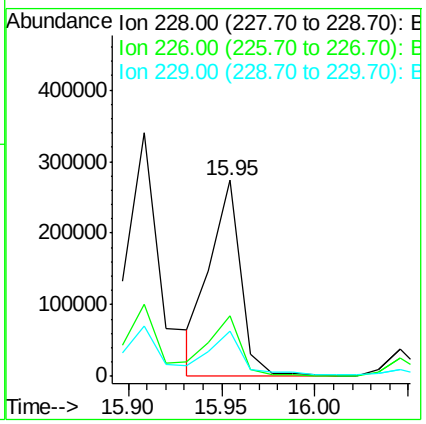


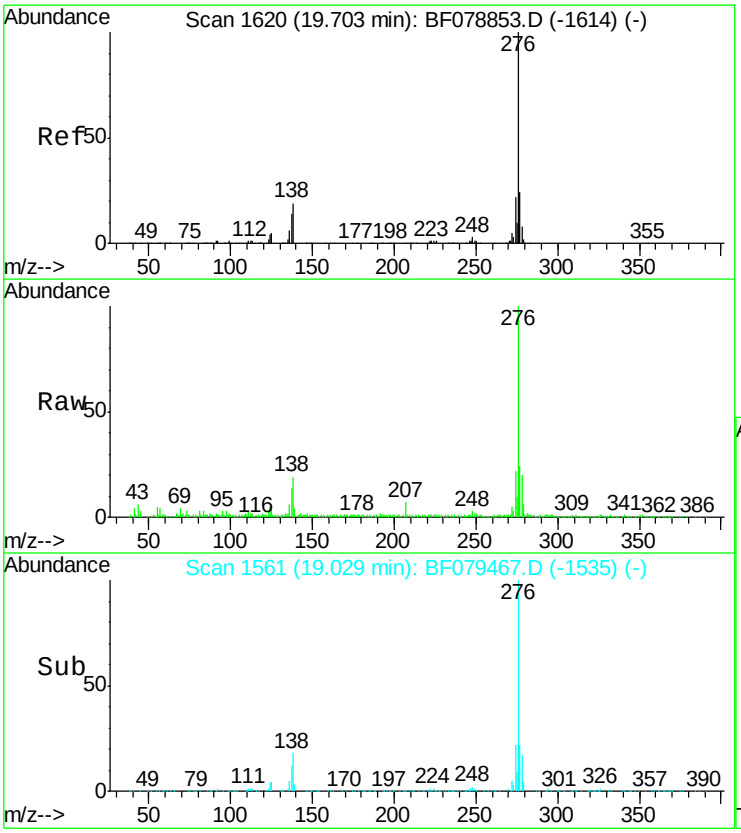
#82
Chrysene
Concen: 22.83 ng
RT: 15.95 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:228 Resp: 312421

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	23.0	16.1	24.1

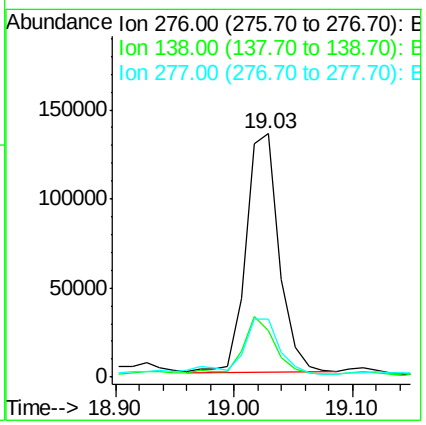


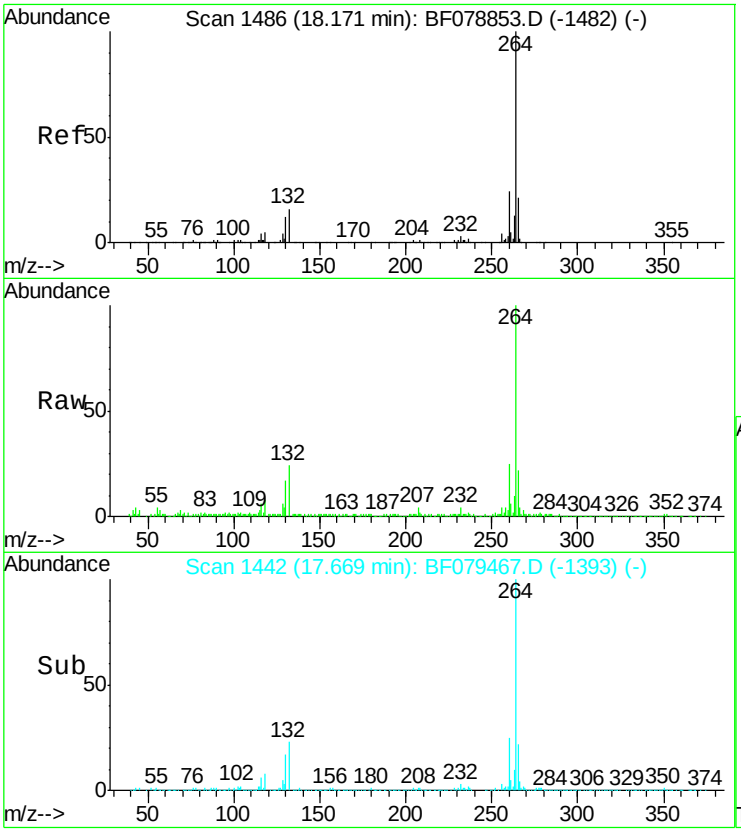


#85
Indeno(1,2,3-cd)pyrene
Concen: 15.07 ng
RT: 19.03 min Scan# 1561
Delta R.T. 0.09 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:276 Resp: 262733

Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.1	31.7
277	28.4	19.9	29.9



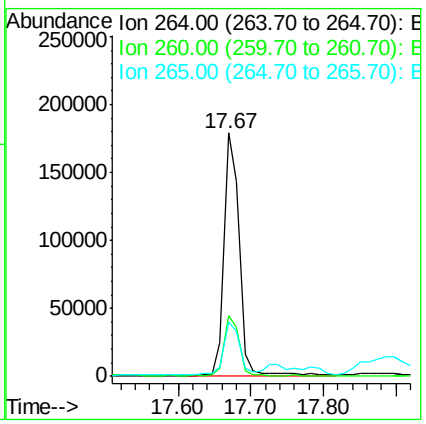


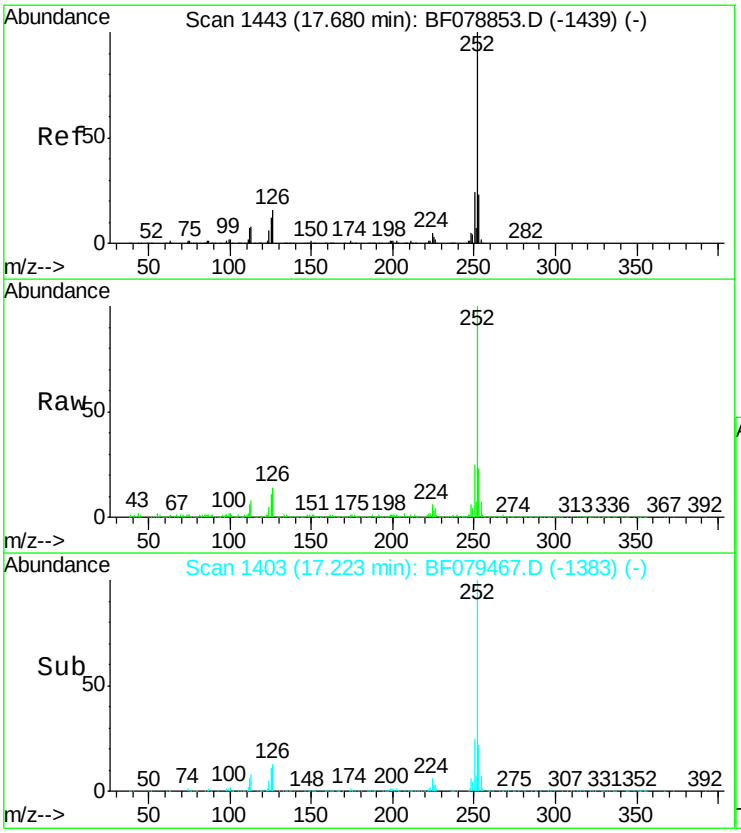
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.67 min Scan# 1442
Delta R.T. 0.06 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:264 Resp: 260747

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.2	17.2	25.8

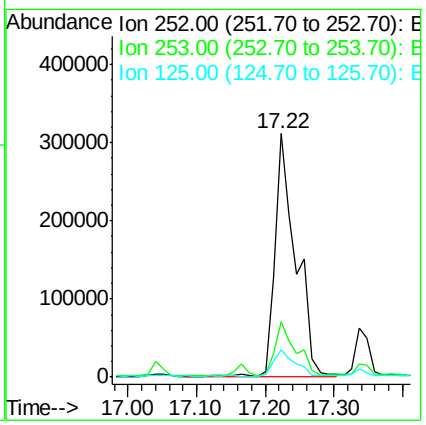


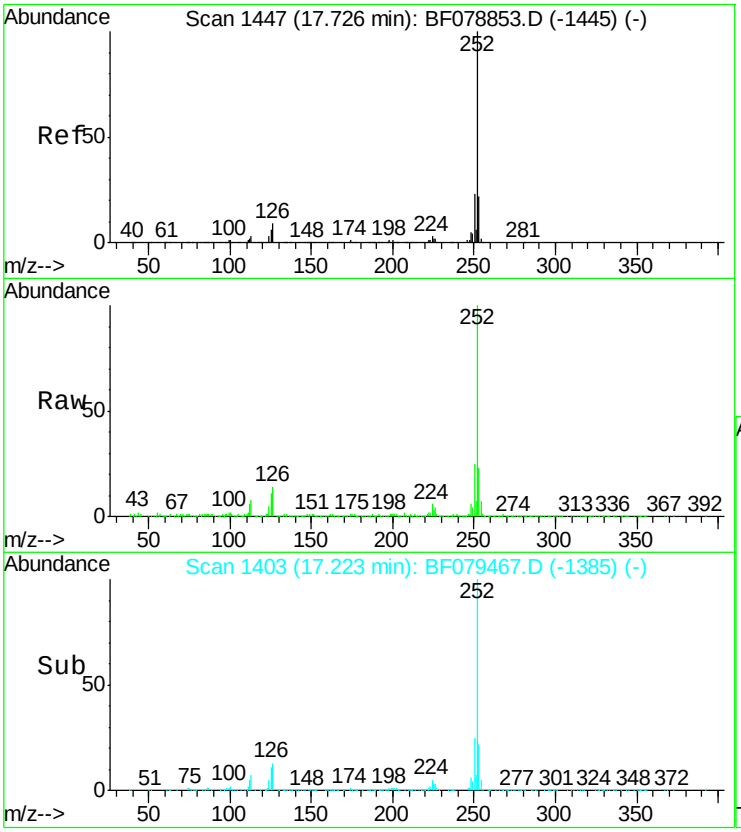


#87
Benzo(b)fluoranthene
Concen: 46.39 ng
RT: 17.22 min Scan# 1403
Delta R.T. 0.05 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:252 Resp: 662038

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.5	9.4	14.2



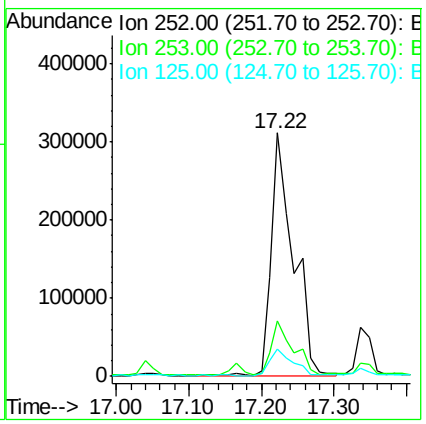


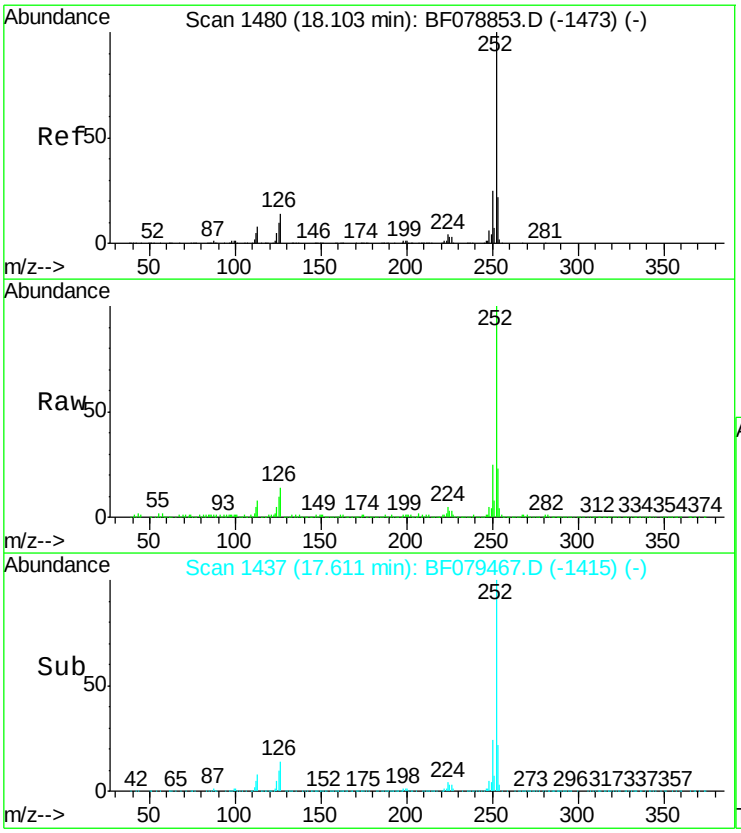
#88
Benzo(k)fluoranthene
Concen: 47.88 ng
RT: 17.22 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:252 Resp: 661570

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	11.5	6.1	9.1#

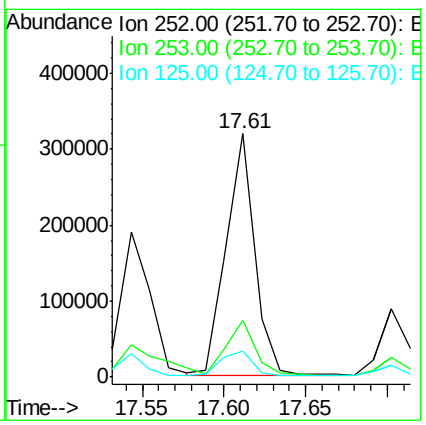


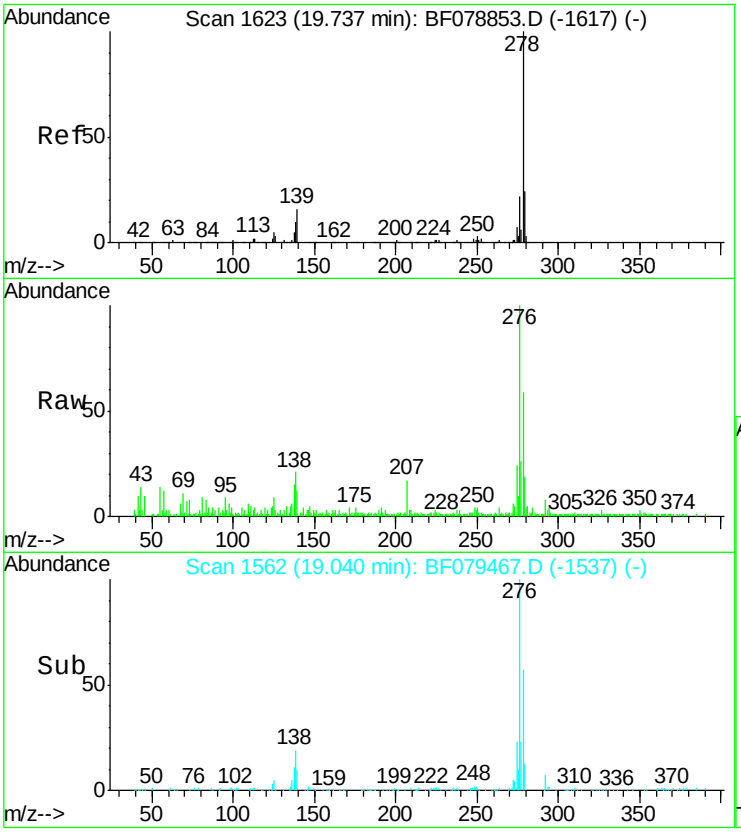


#89
Benzo(a)pyrene
Concen: 29.23 ng
RT: 17.61 min Scan# 1437
Delta R.T. 0.07 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:252 Resp: 384174

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	10.5	8.2	12.2



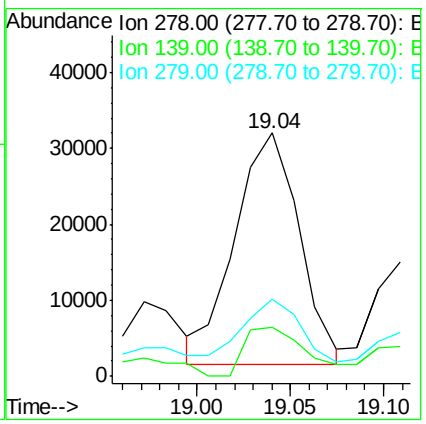


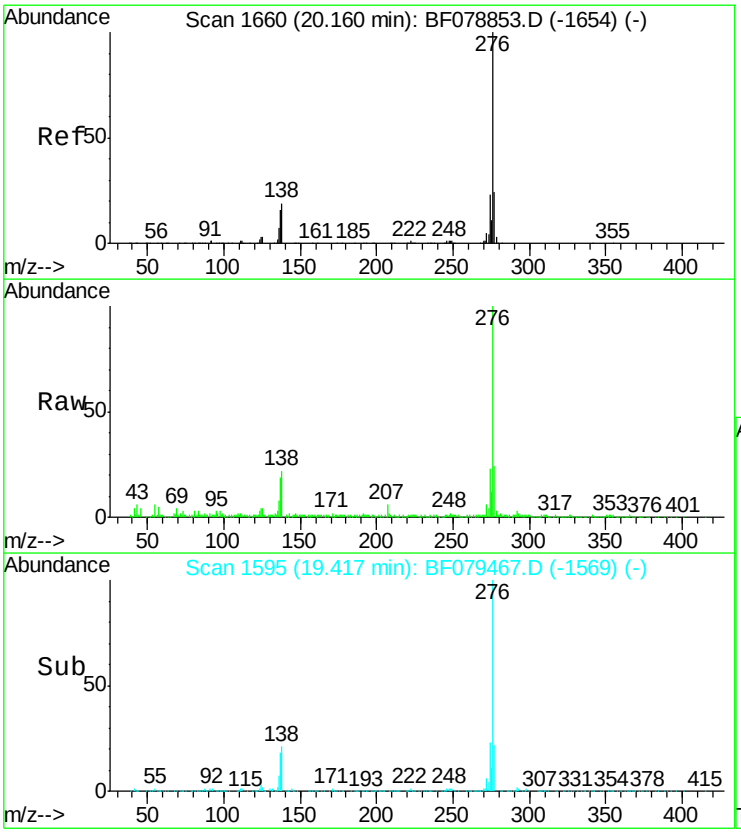
#90
Dibenzo(a,h)anthracene
Concen: 5.22 ng
RT: 19.04 min Scan# 1562
Delta R.T. 0.08 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Instrument :
BNA_F
ClientSampleId :
SB-30S

Tgt Ion:278 Resp: 72907

Ion	Ratio	Lower	Upper
278	100		
139	20.0	13.1	19.7#
279	31.8	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 17.99 ng
RT: 19.42 min Scan# 1595
Delta R.T. 0.09 min
Lab File: BF079467.D
Acq: 23 May 2015 10:18

Tgt Ion:276 Resp: 251780

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	22.0	15.2	22.8