Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079474.D
Acq On : 23 May 2015 13:39
Operator : TP/IZ
Sample : G2359-04 2X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-27S

Quant Time: May 25 07:03:55 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	75729	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	308121	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	151876	20.00	ng		0.00
63) Phenanthrene-d10	12.64	188	279597	20.00	ng		0.01
75) Chrysene-d12	15.93	240	269851	20.00	ng		0.02
86) Perylene-d12	17.70	264	289311	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	120698	22.51	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	60304	36.70	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	371034	34.04	ng		0.00
78) Terphenyl-d14	14.63	244	387678	34.40	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.65	128	102767	7.00	ng		99
32) Benzoic acid	8.38	122	385	6.43	ng	#	68
37) 2-Methylnaphthalene	9.52	142	28687	2.82	ng		97
48) Acenaphthylene	10.63	152	31714	2.05	ng		97
49) Dimethylphthalate	10.49	163	23606	2.12	ng		100
51) Acenaphthene	10.83	154	79087	8.58	ng		99
54) Dibenzofuran	11.05	168	84102	6.31	ng		99
55) 4-Nitrophenol	11.05	139	31388	14.43	ng	#	1
57) Fluorene	11.47	166	83809	7.67	ng		99
70) Phenanthrene	12.66	178	996882	63.73	ng		98
71) Anthracene	12.73	178	262670	17.12	ng		100
72) Carbazole	12.95	167	90302	6.17	ng		98
74) Fluoranthene	14.14	202	1235254	75.79	ng		98
77) Pyrene	14.42	202	1160754	74.65	ng		99
80) Benzo(a)anthracene	15.91	228	585791	39.64	ng		95
82) Chrysene	15.95	228	513813	36.15	ng		98
83) Bis(2-ethylhexyl)phthalate	15.98	149	21930	2.13	ng		98
85) Indeno(1,2,3-cd)pyrene	18.91	276	69837	3.86	ng		92
87) Benzo(b)fluoranthene	17.25	252	864608	54.60	ng		99
88) Benzo(k)fluoranthene	17.25	252	864608	56.40	ng	#	95
89) Benzo(a)pyrene	17.63	252	491562	33.71	ng		97
90) Dibenzo(a,h)anthracene	19.07	278	87175	5.63	ng	#	90
91) Benzo(g,h,i)perylene	19.45	276	319979	20.60	ng	#	95

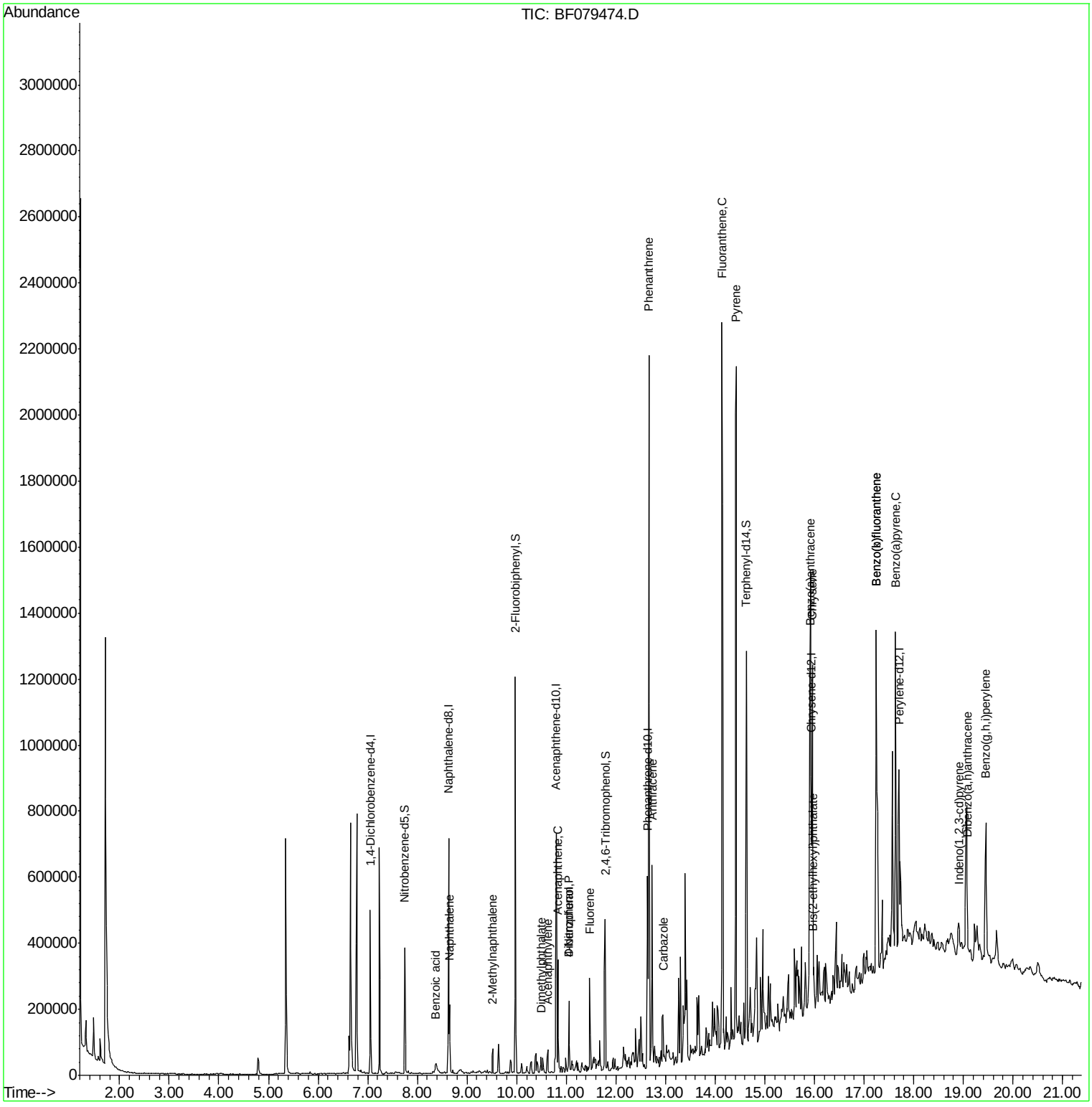
(#) = qualifier out of range (m) = manual integration (+) = signals summed

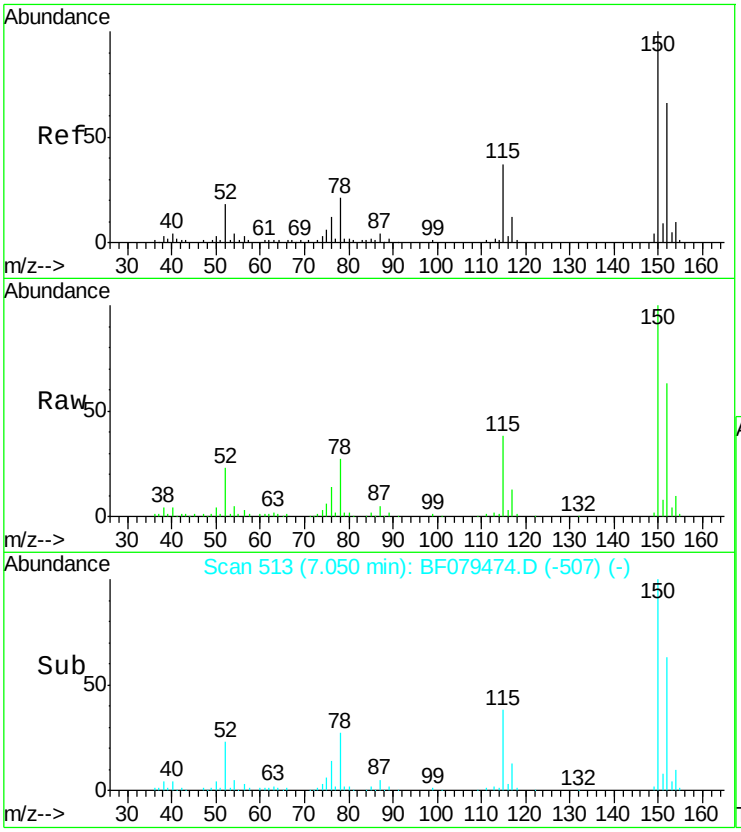
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079474.D
Acq On : 23 May 2015 13:39
Operator : TP/IZ
Sample : G2359-04 2X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-27S

Quant Time: May 25 07:03:55 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



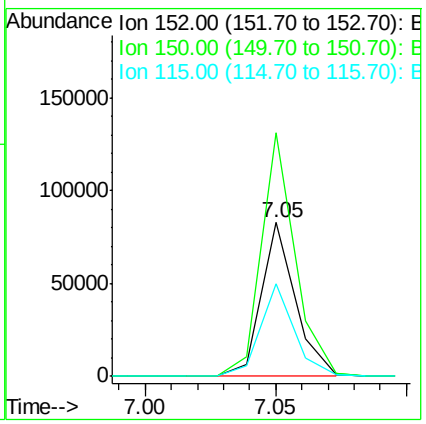


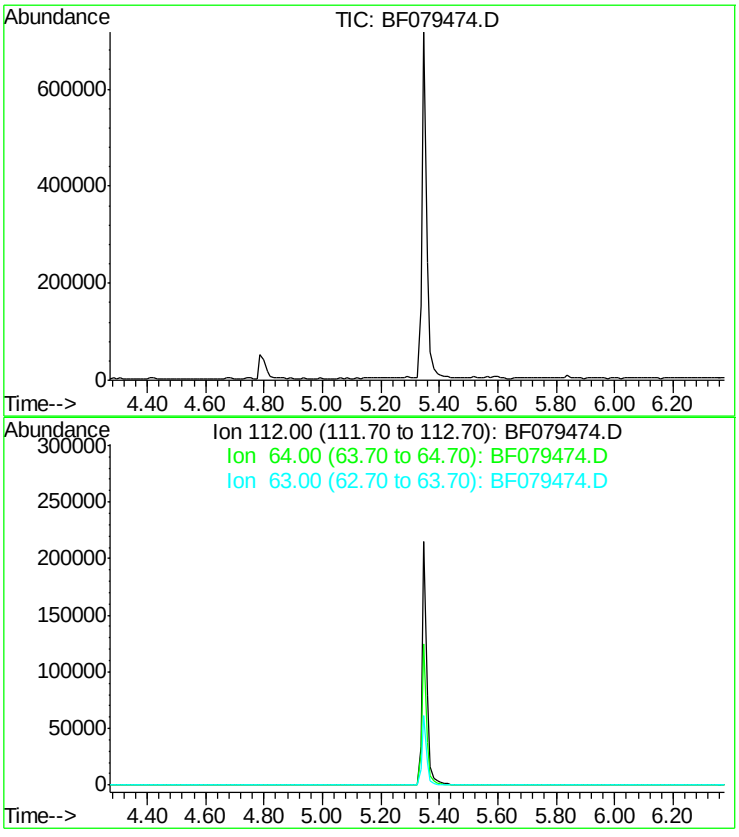
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:152 Resp: 75729

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.8	185.8
115	60.6	49.4	74.0



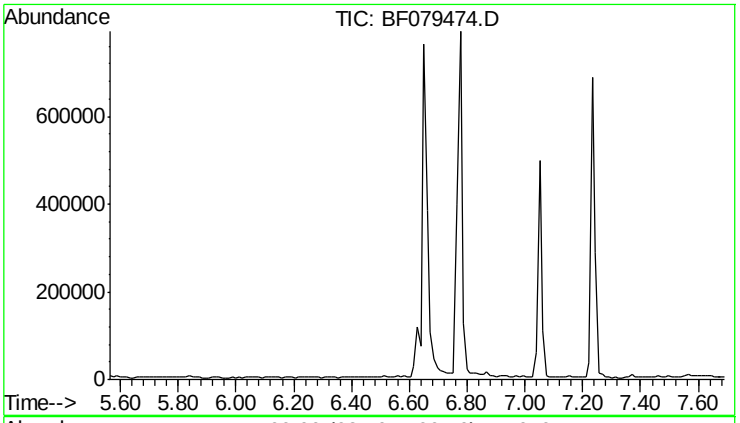


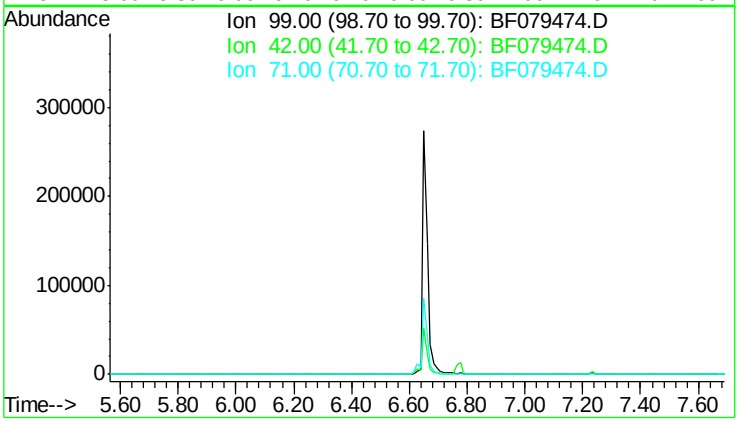
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.32 min

Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.2
63	28.4





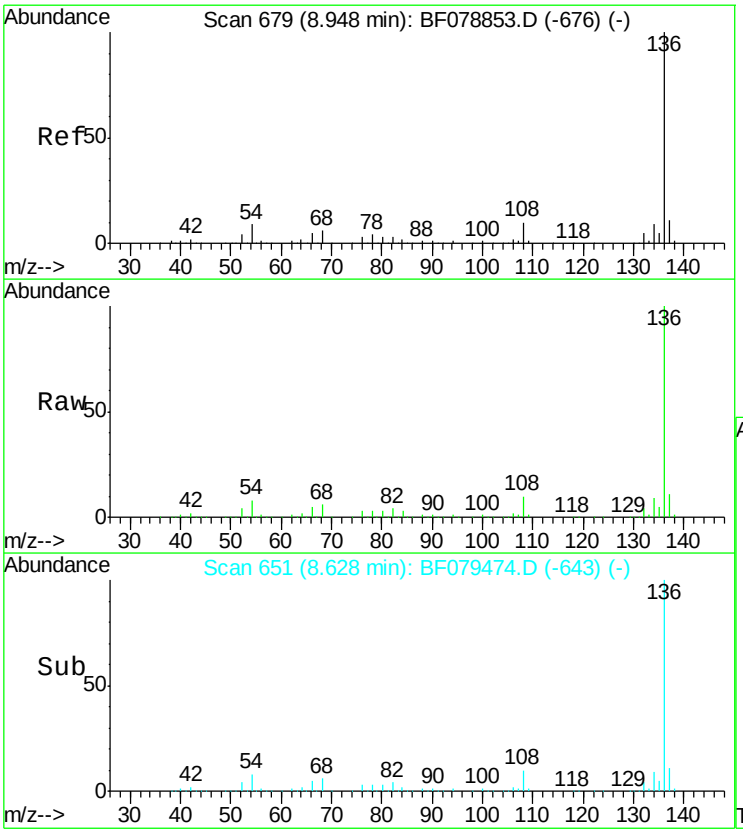
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.63 min

Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	21.4
71	32.9

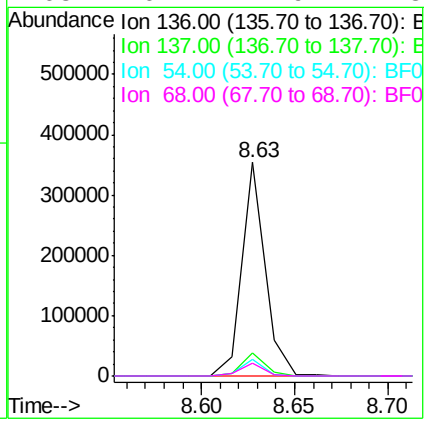
Instrument :
BNA_F
ClientSampleId :
SB-27S

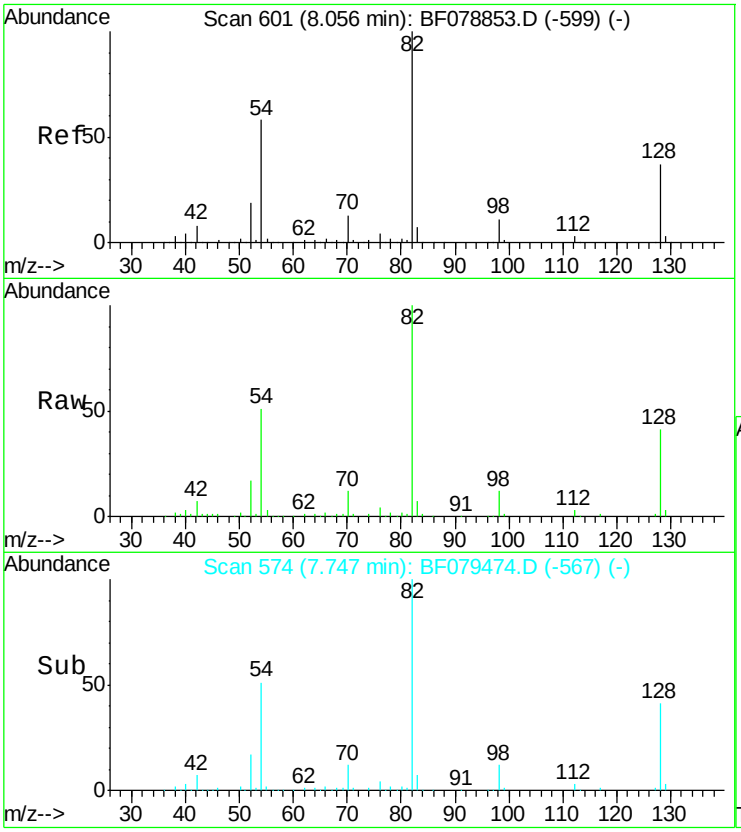


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:136 Resp: 308121

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	6.9	10.3
68	6.1	4.9	7.3



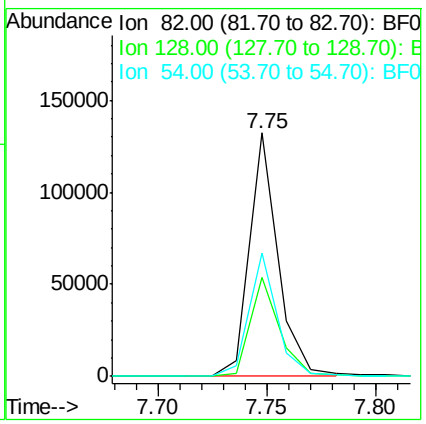


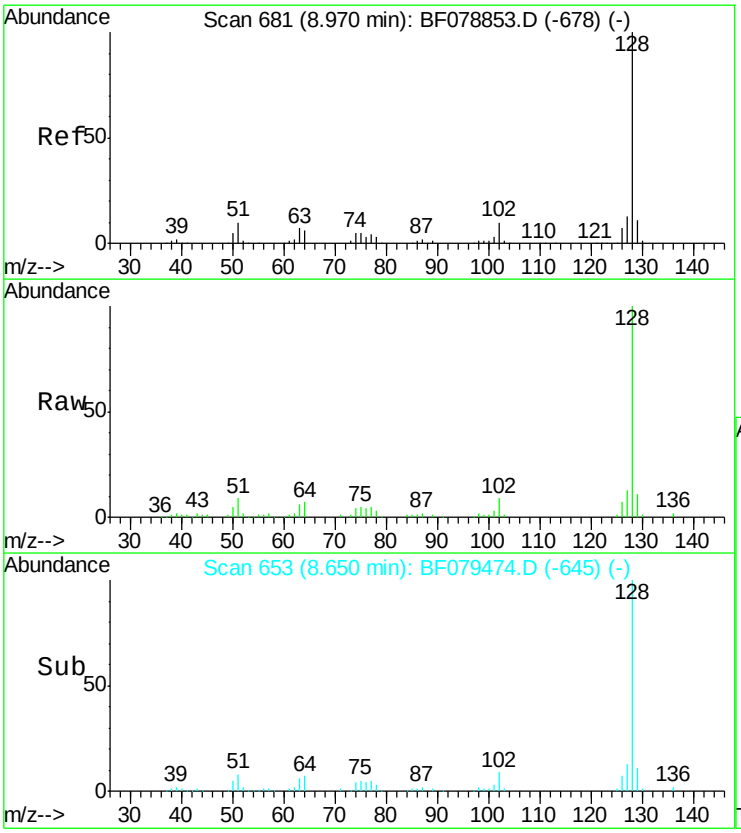
#23
Nitrobenzene-d5
Concen: 22.51 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion: 82 Resp: 120698

Ion	Ratio	Lower	Upper
82	100		
128	40.8	29.7	44.5
54	50.5	46.2	69.4

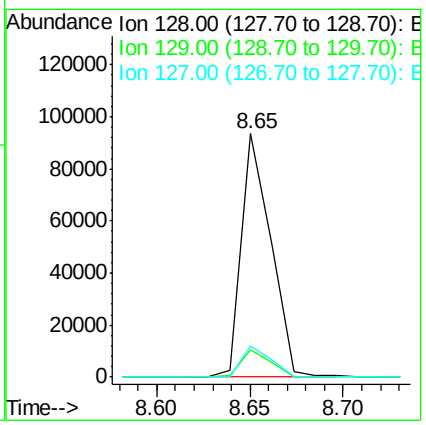


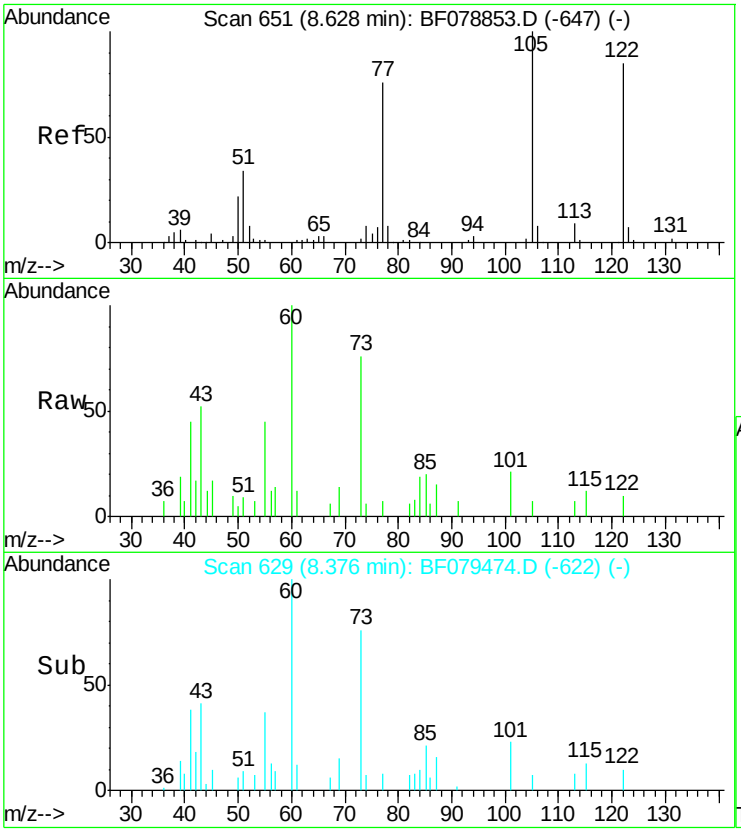


#31
Naphthalene
Concen: 7.00 ng
RT: 8.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:128 Resp: 102767

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.2	13.8
127	12.7	10.3	15.5



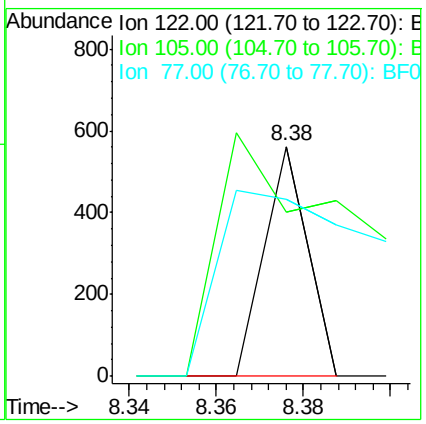


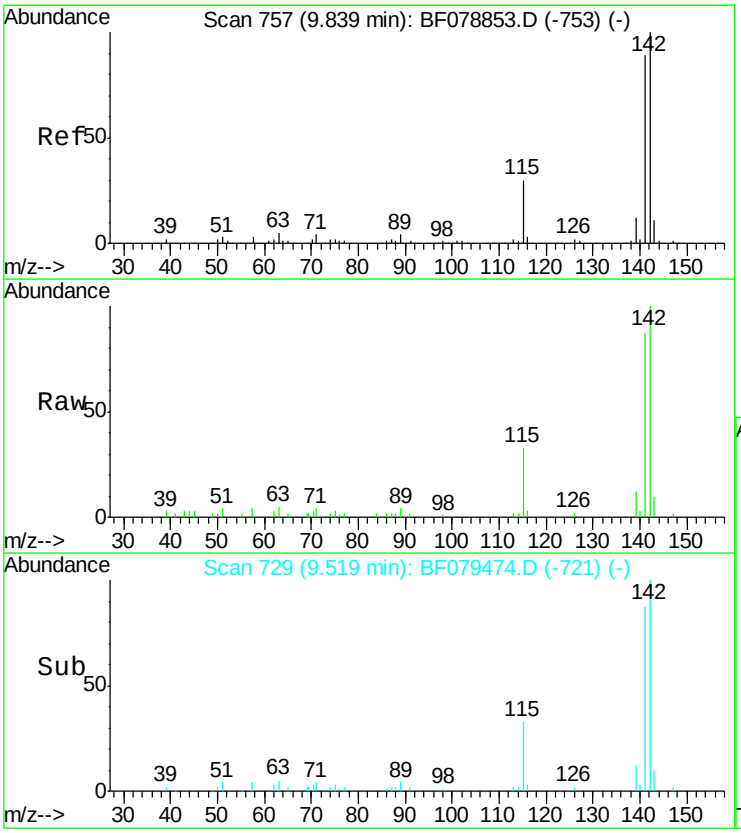
#32
Benzoic acid
Concen: 6.43 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:122 Resp: 385

Ion	Ratio	Lower	Upper
122	100		
105	71.3	100.7	140.7#
77	77.0	72.0	112.0

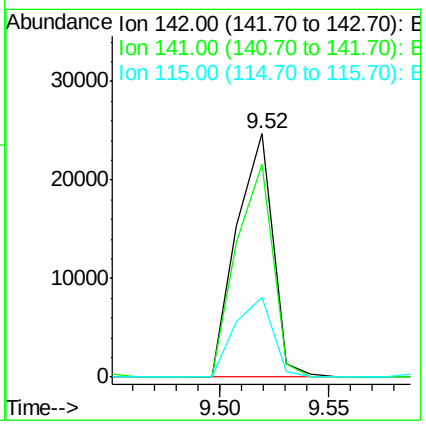


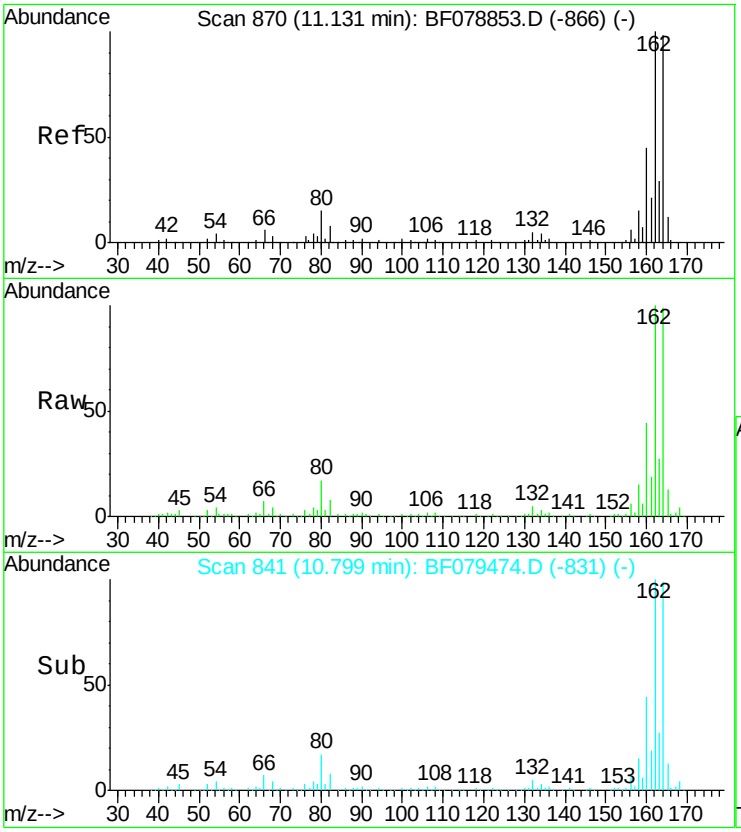


#37
2-Methylnaphthalene
Concen: 2.82 ng
RT: 9.52 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:142 Resp: 28687

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.6	107.4
115	32.6	24.2	36.4



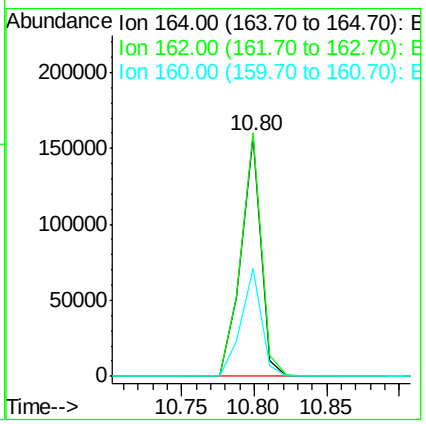


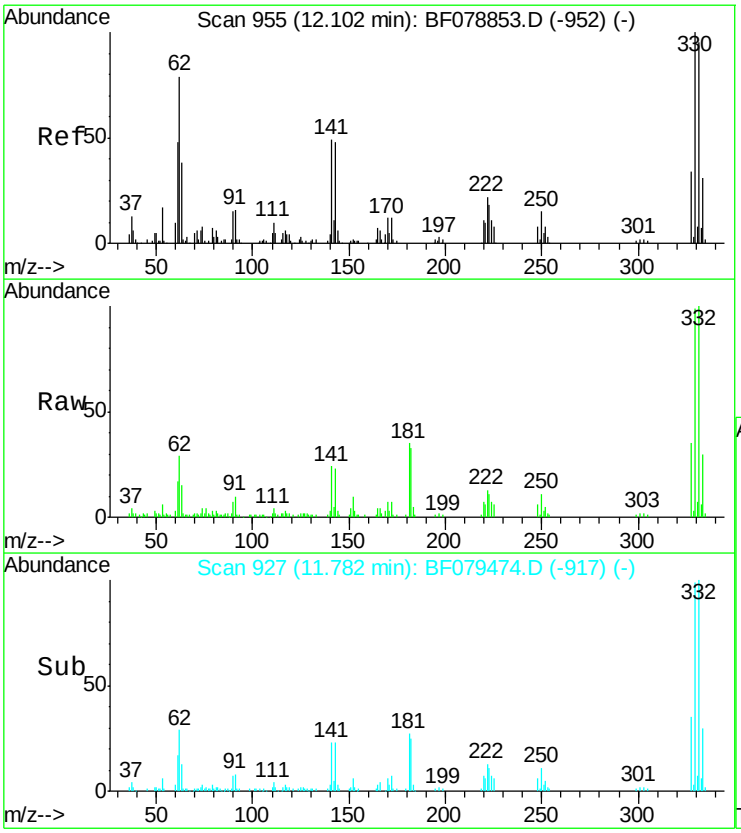
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:164 Resp: 151876

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.4	122.0
160	44.8	36.6	54.8

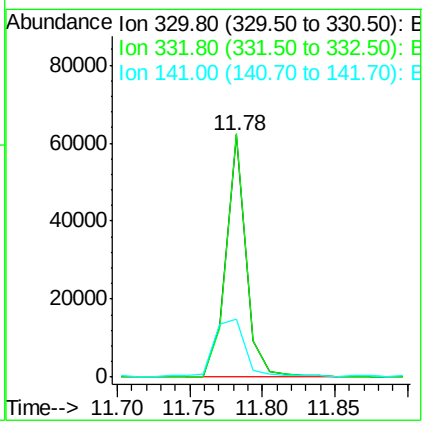


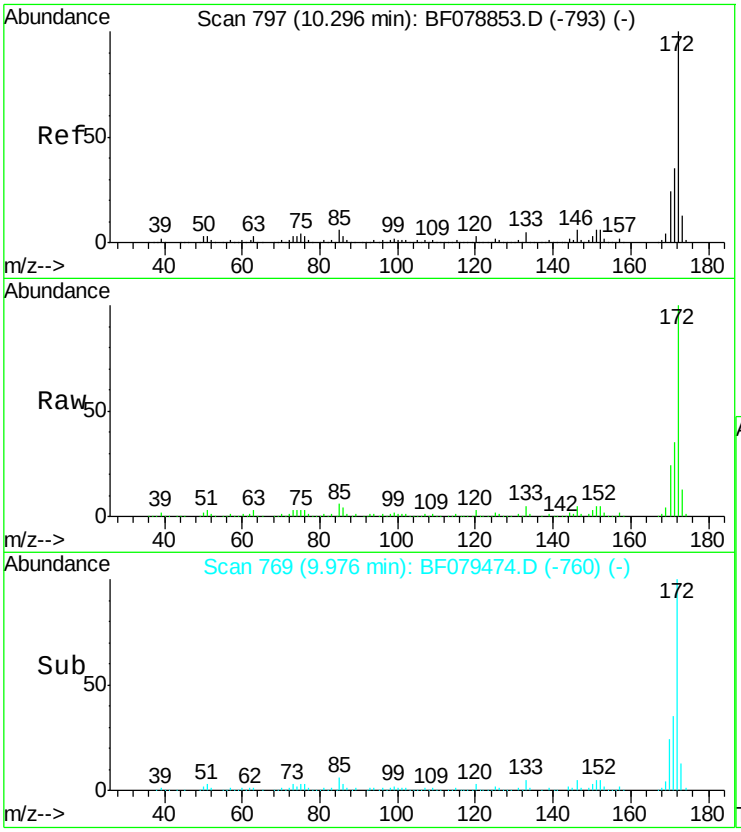


#41
2,4,6-Tribromophenol
Concen: 36.70 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:330 Resp: 60304

Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.9	115.3
141	38.8	27.8	41.8



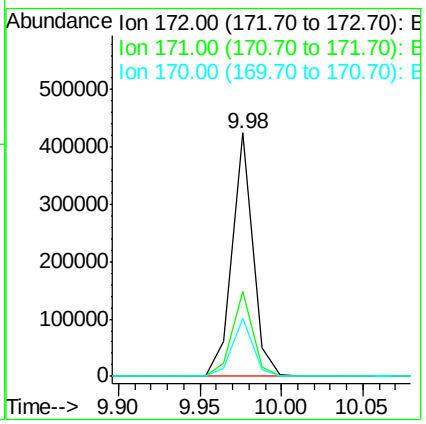


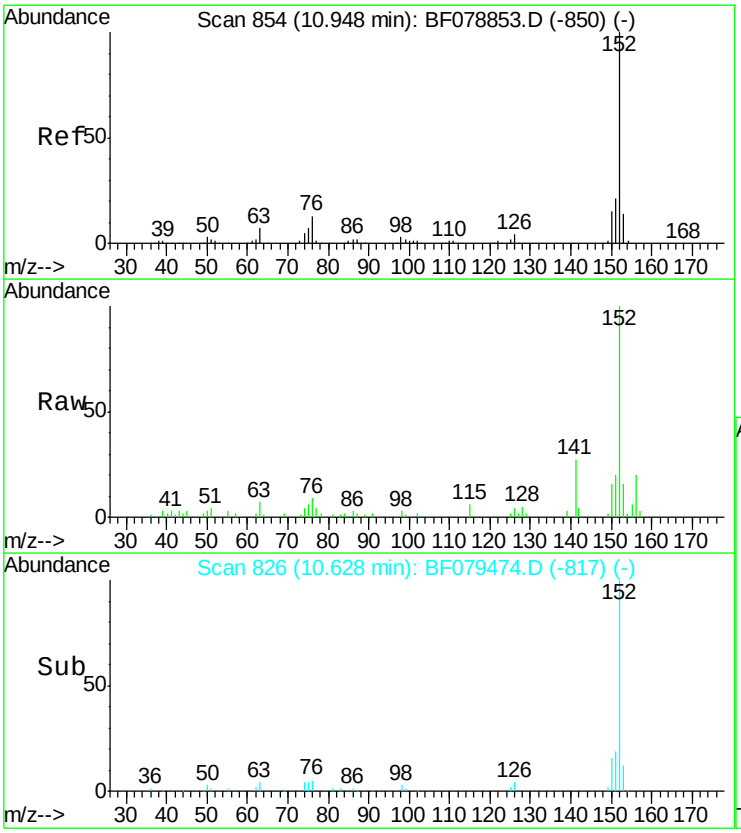
#44
2-Fluorobiphenyl
Concen: 34.04 ng
RT: 9.98 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:172 Resp: 371034

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	24.1	19.4	29.2

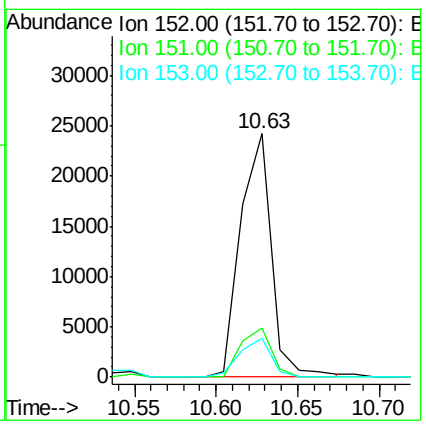


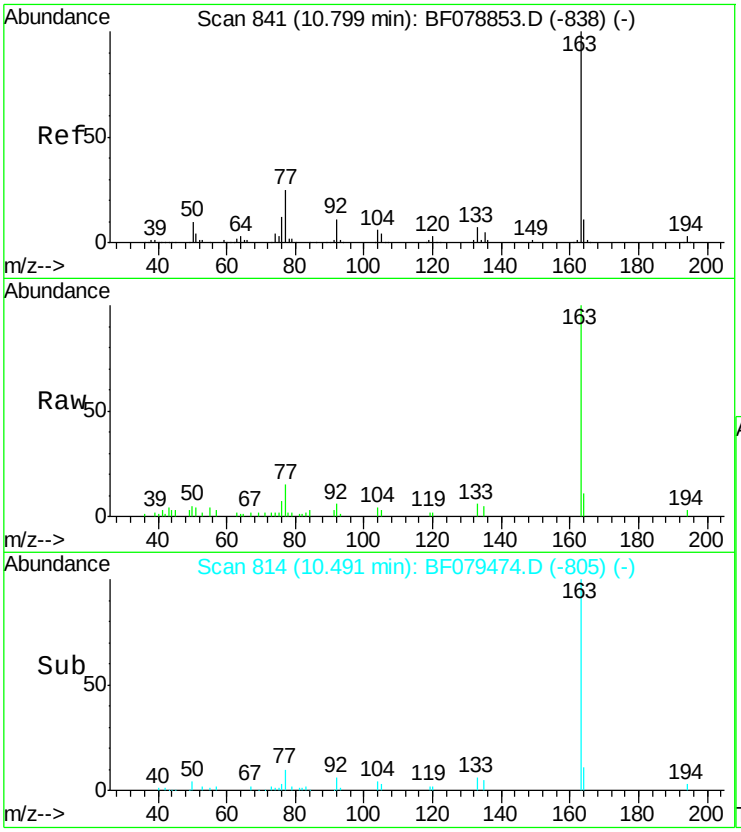


#48
Acenaphthylene
Concen: 2.05 ng
RT: 10.63 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:152 Resp: 31714

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	24.8
153	16.2	11.0	16.6



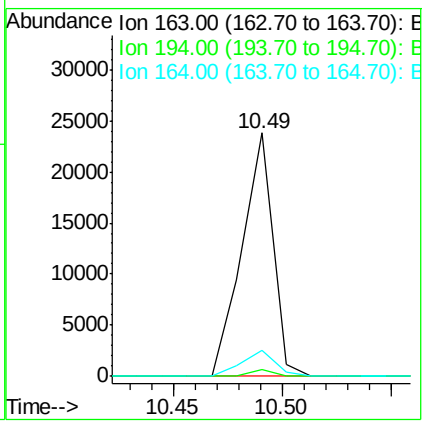


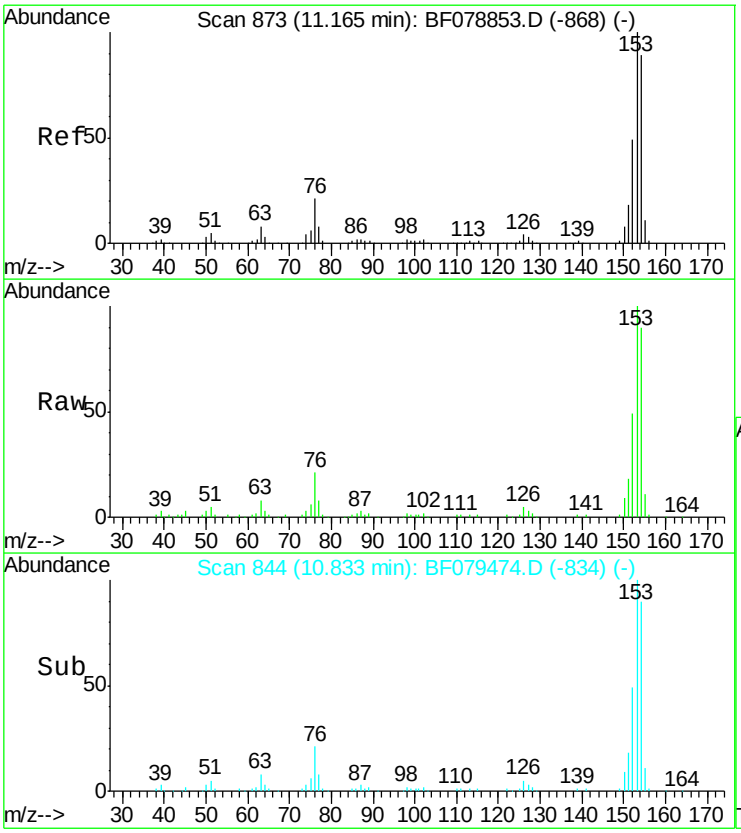
#49
Dimethylphthalate
Concen: 2.12 ng
RT: 10.49 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:163 Resp: 23606

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.4	3.6
164	10.7	8.6	12.8

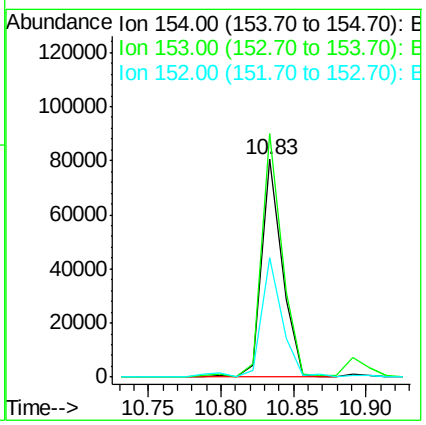


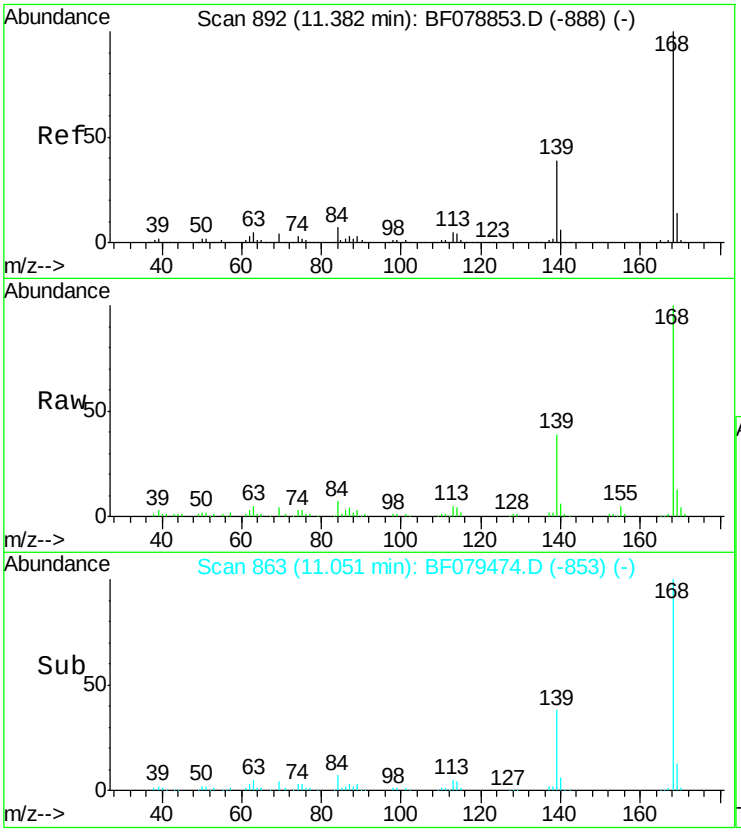


#51
Acenaphthene
Concen: 8.58 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:154 Resp: 79087

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.2	135.2
152	54.7	43.8	65.8



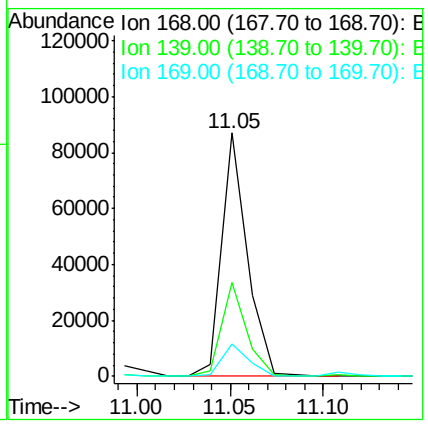


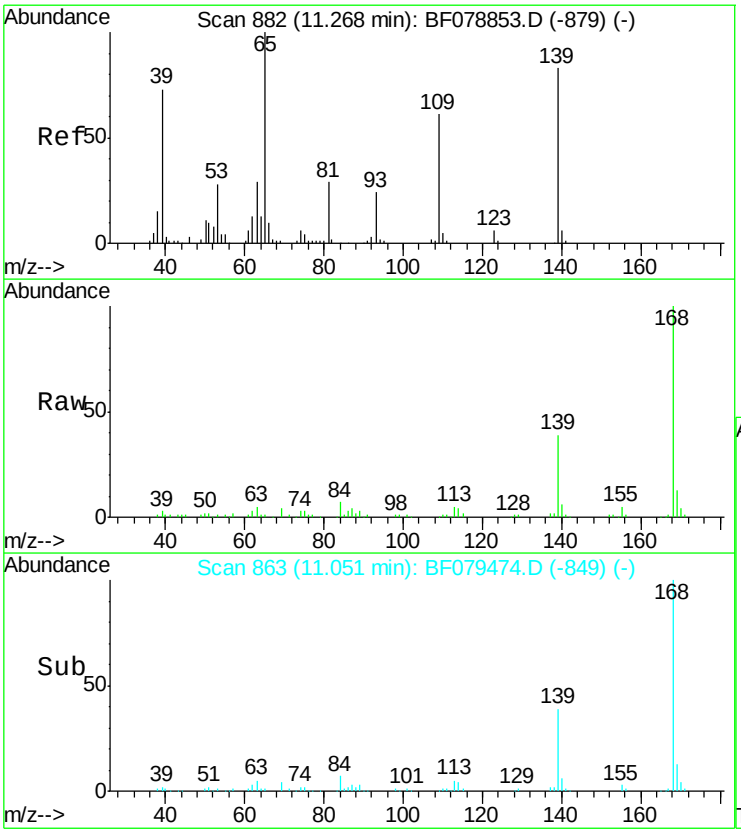
#54
Dibenzofuran
Concen: 6.31 ng
RT: 11.05 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:168 Resp: 84102

Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.5	47.3
169	13.2	11.0	16.4

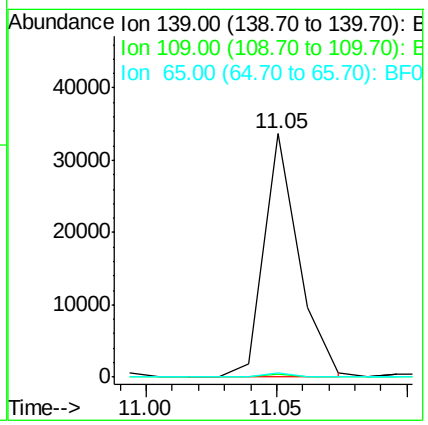


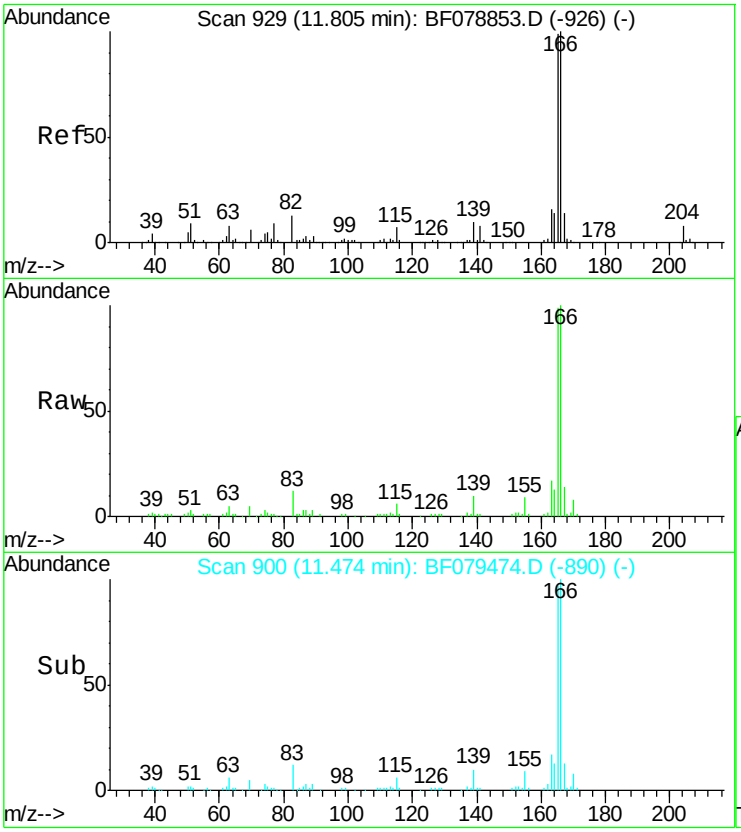


#55
4-Nitrophenol
Concen: 14.43 ng
RT: 11.05 min Scan# 863
Delta R.T. 0.05 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:139 Resp: 31388

Ion	Ratio	Lower	Upper
139	100		
109	1.1	54.4	94.4#
65	2.0	101.0	141.0#



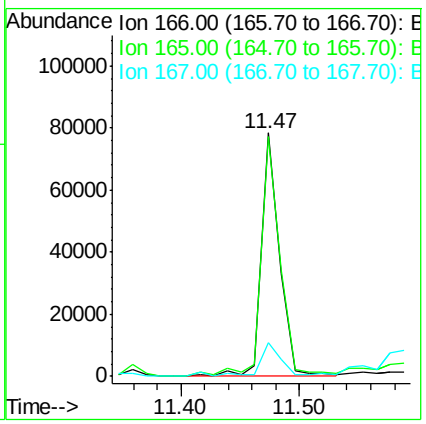


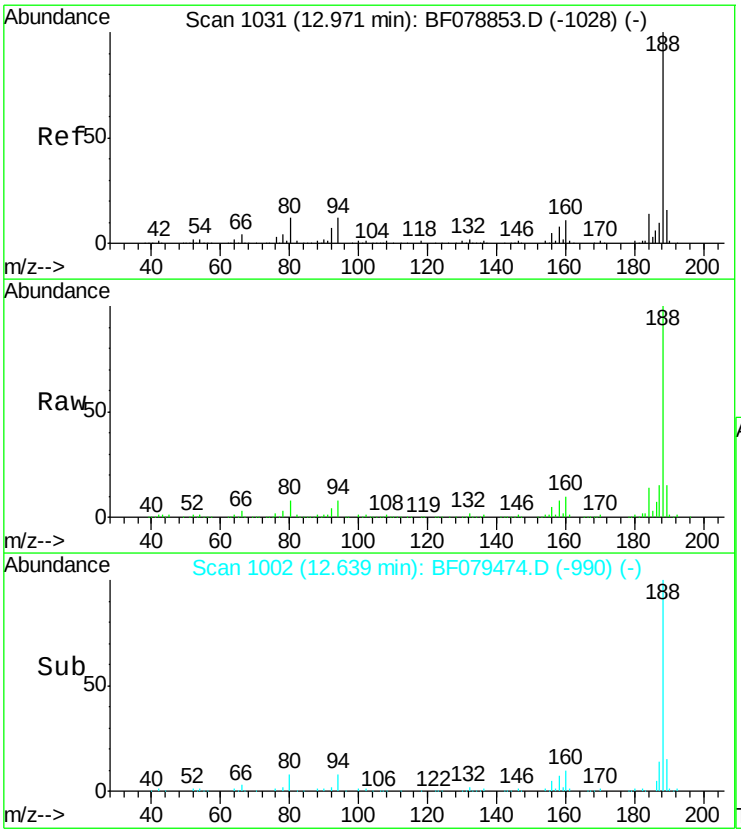
#57
Fluorene
Concen: 7.67 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:166 Resp: 83809

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.5	119.3
167	14.1	11.0	16.6

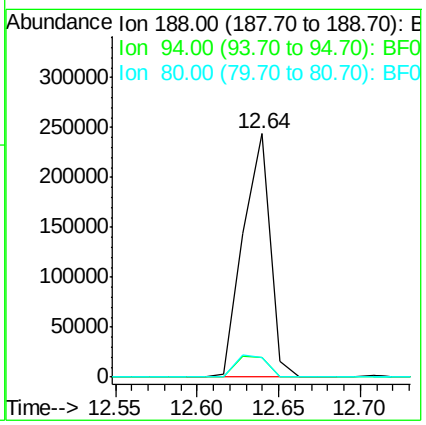


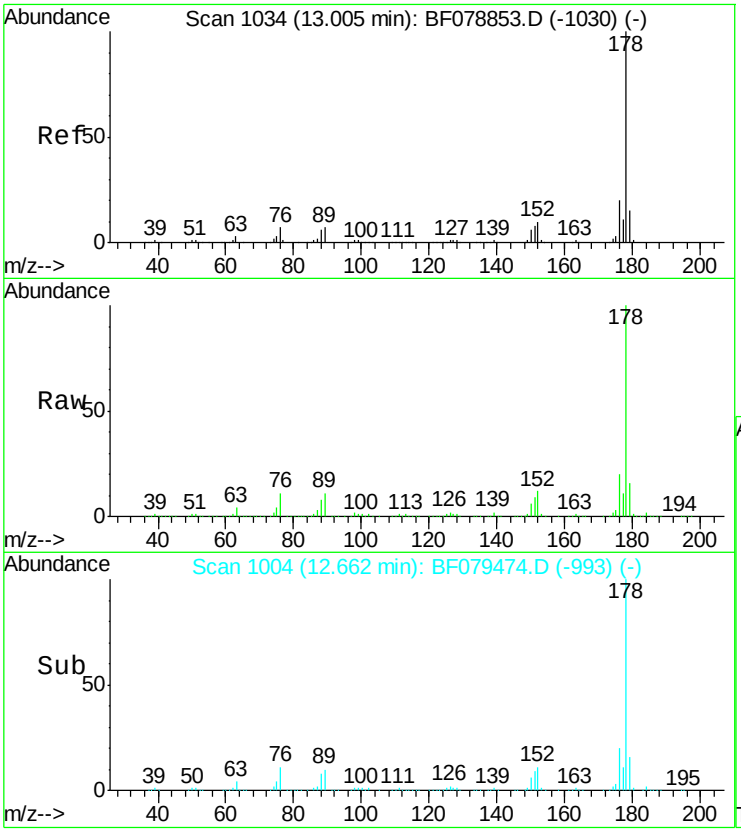


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.64 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:188 Resp: 279597

Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.4	14.0#
80	8.0	9.8	14.6#



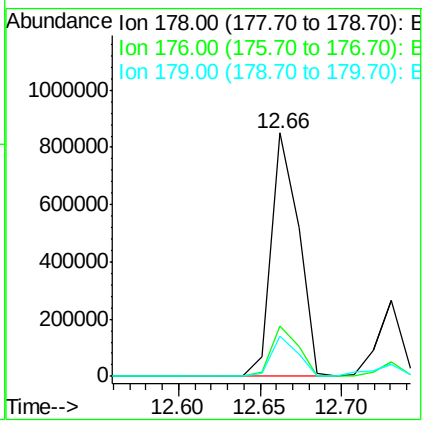


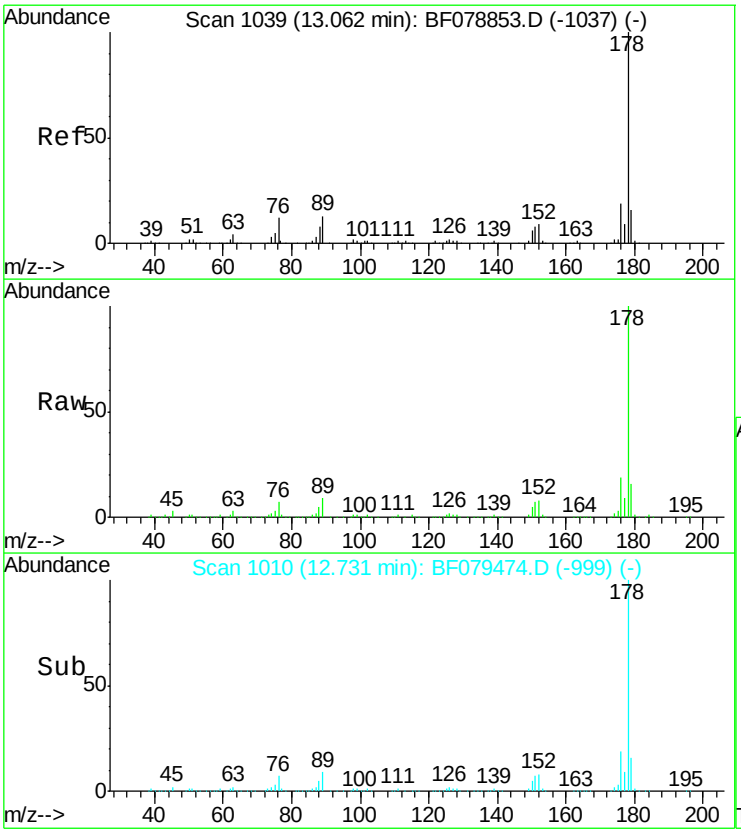
#70
Phenanthrene
Concen: 63.73 ng
RT: 12.66 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:178 Resp: 996882

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.9	23.9
179	16.3	12.2	18.4

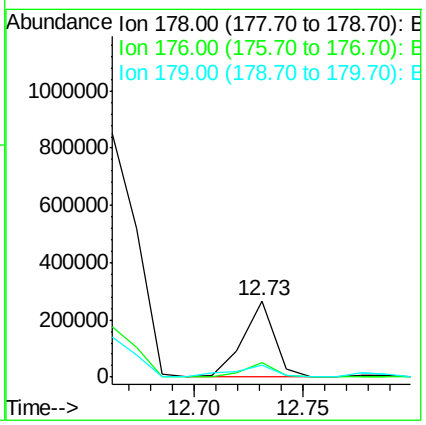


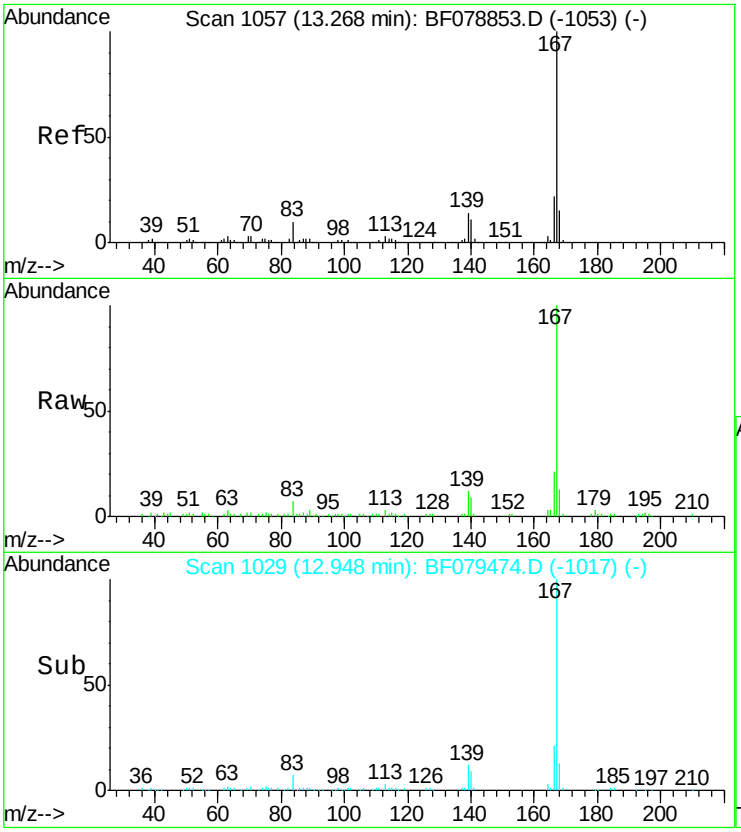


#71
Anthracene
Concen: 17.12 ng
RT: 12.73 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:178 Resp: 262670

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.7	12.6	19.0



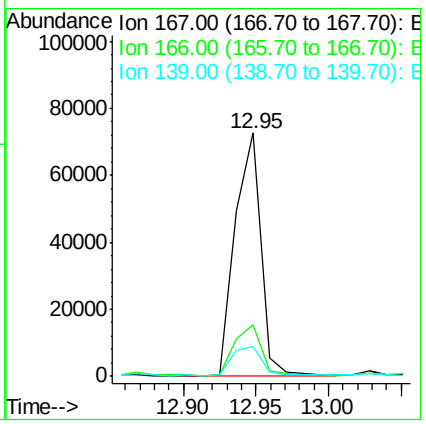


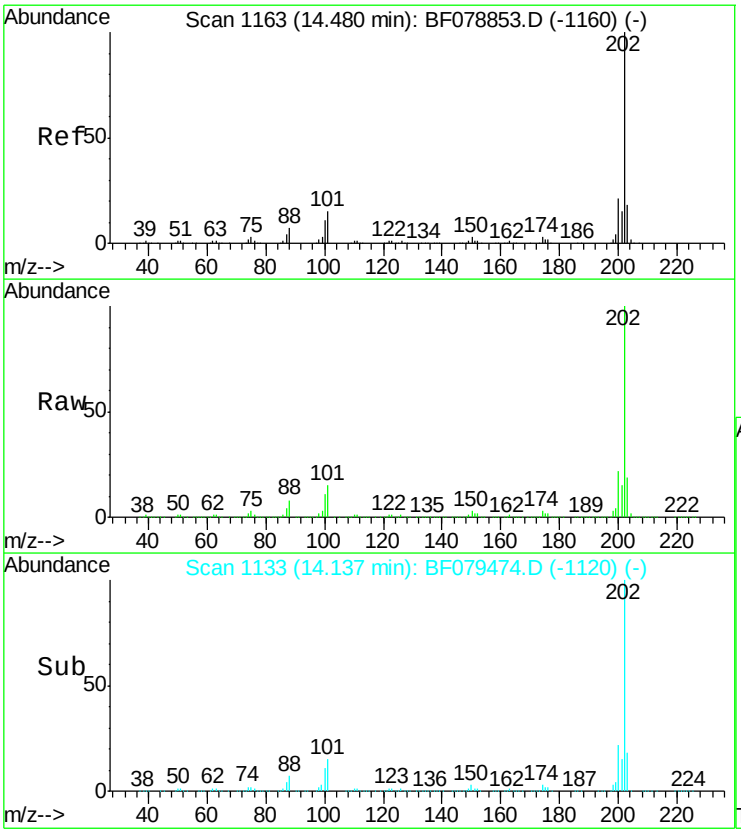
#72
Carbazole
Concen: 6.17 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:167 Resp: 90302

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.5	26.3
139	12.3	11.0	16.4

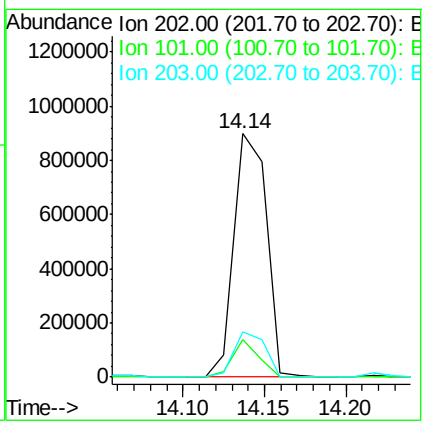


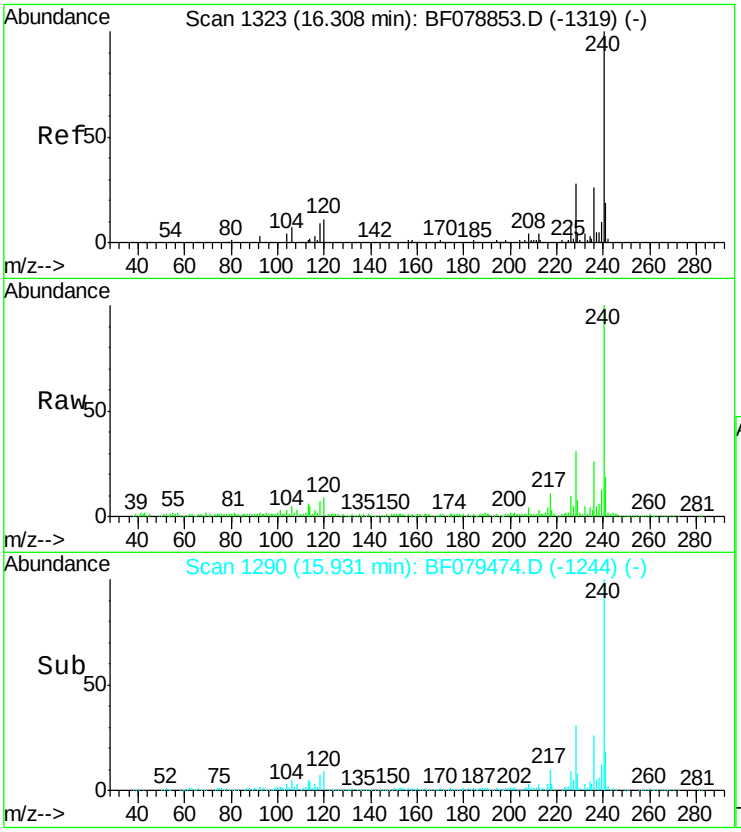


#74
Fluoranthene
Concen: 75.79 ng
RT: 14.14 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:202 Resp: 1235254

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	34.7
203	18.6	0.0	37.9



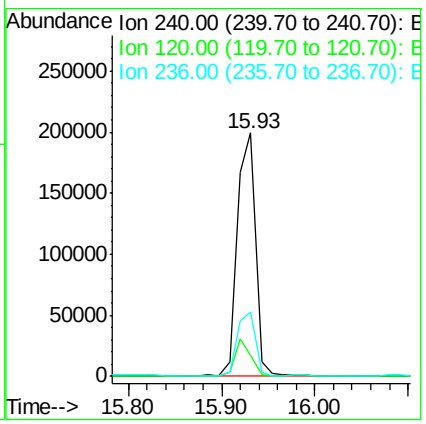


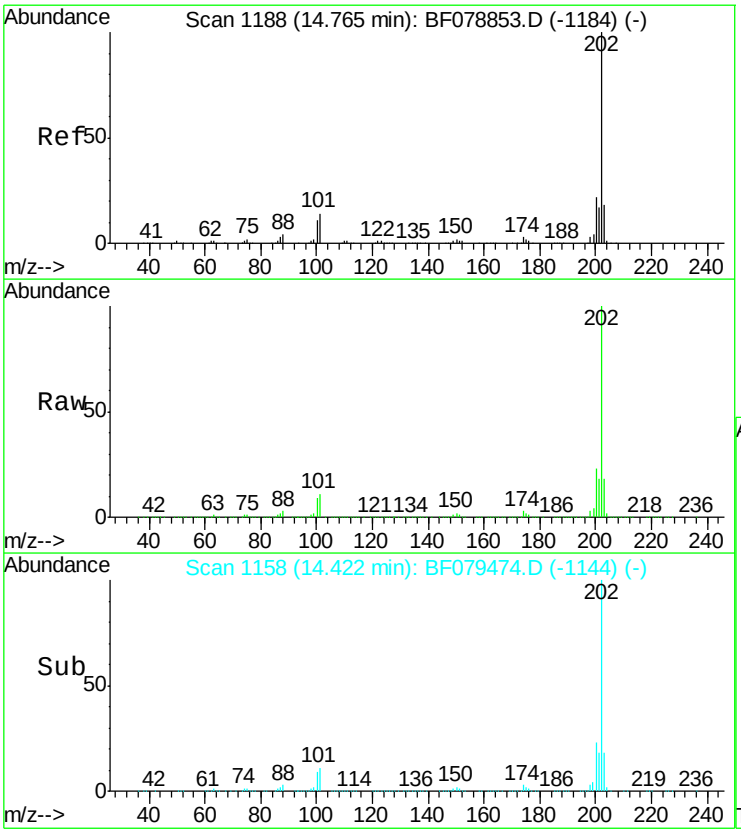
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1290
Delta R.T. 0.02 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:240 Resp: 269851

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.6	12.8
236	26.4	21.0	31.6

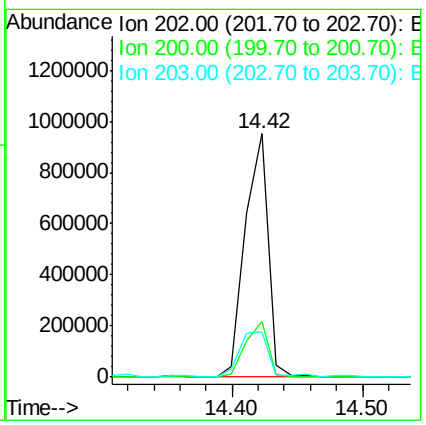


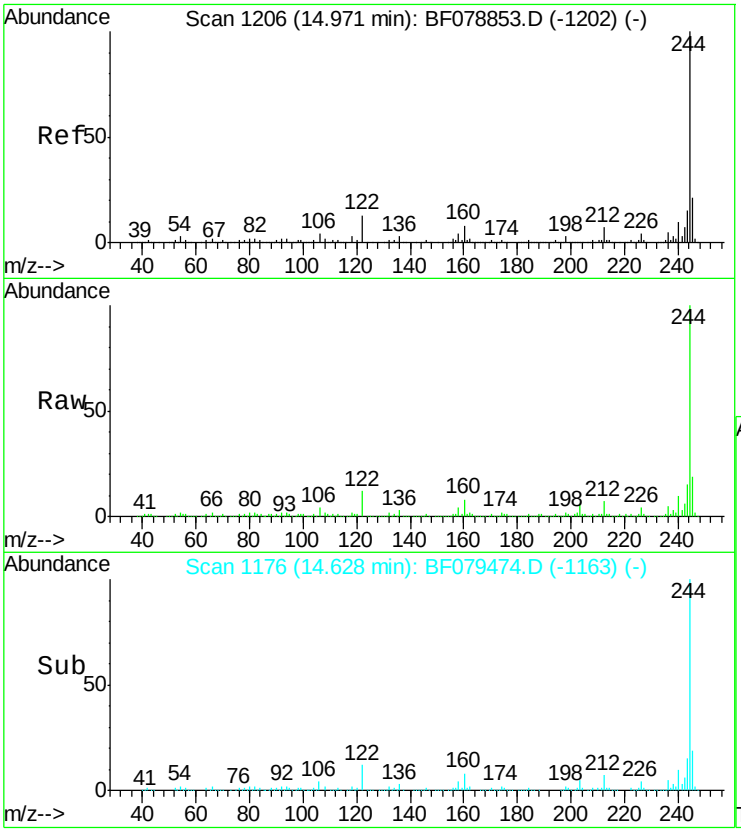


#77
Pyrene
Concen: 74.65 ng
RT: 14.42 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:202 Resp: 1160754

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.5	26.3
203	18.4	14.7	22.1



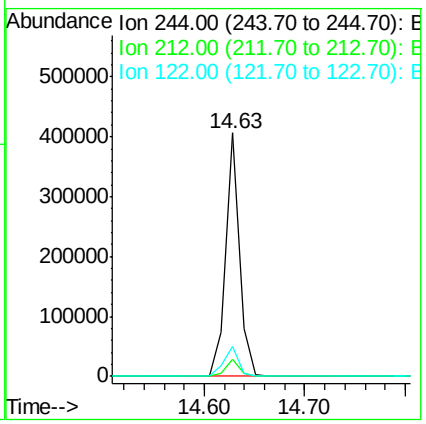


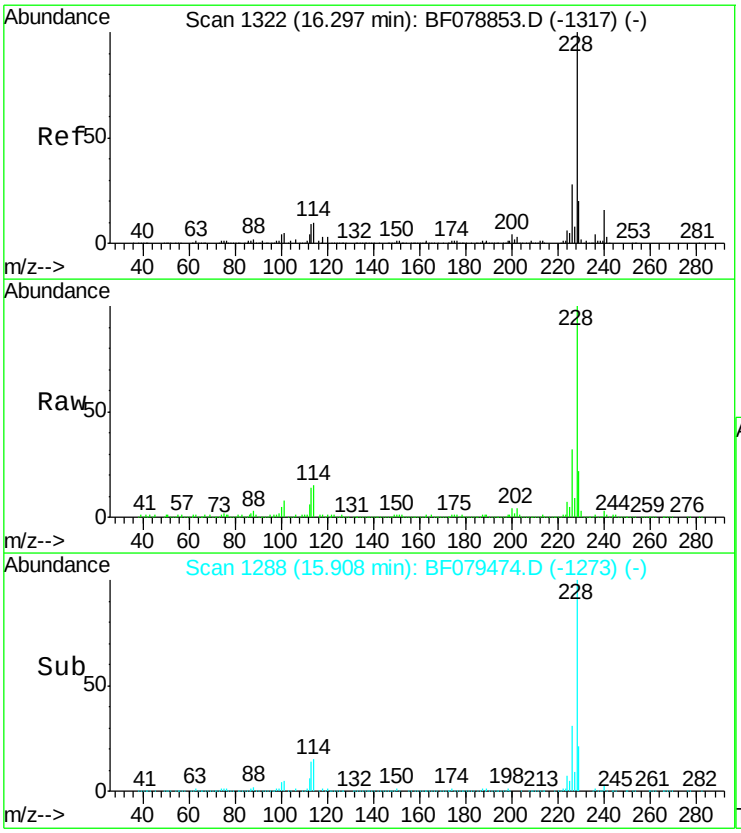
#78
Terphenyl-d14
Concen: 34.40 ng
RT: 14.63 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:244 Resp: 387678

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.4	10.5	15.7

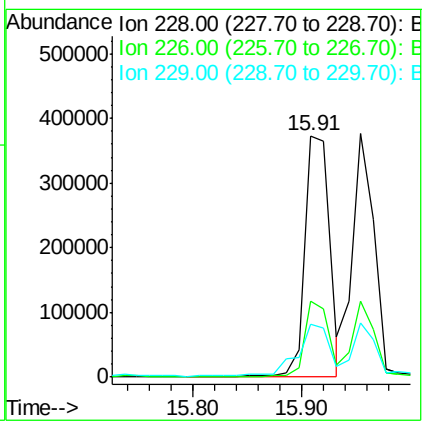


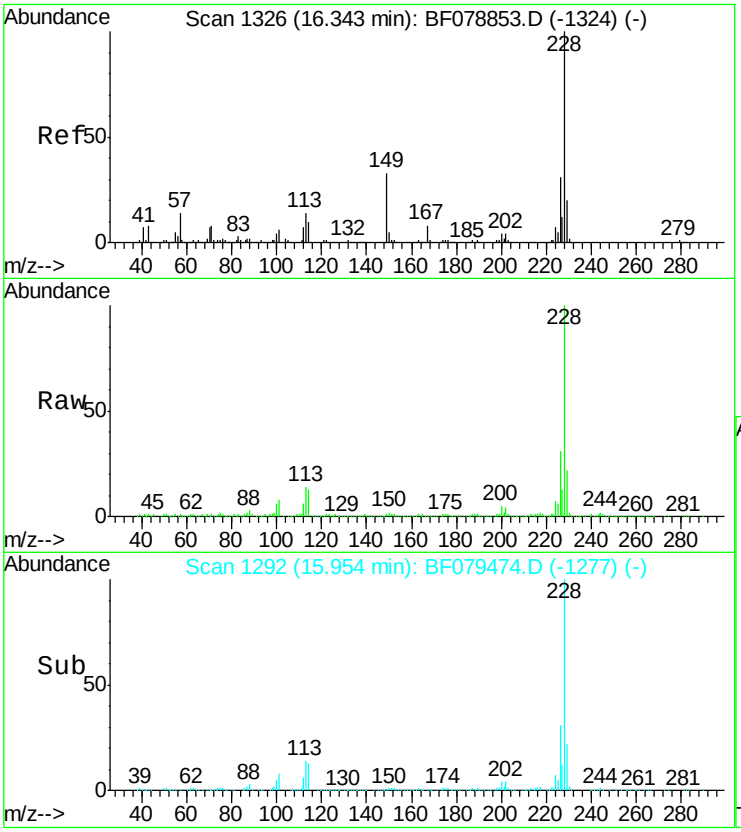


#80
Benzo(a)anthracene
Concen: 39.64 ng
RT: 15.91 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:228 Resp: 585791

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.3	33.5
229	21.7	16.1	24.1



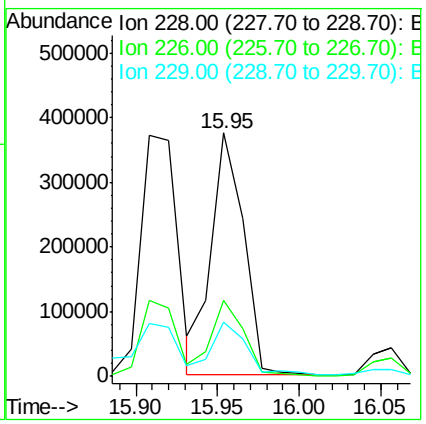


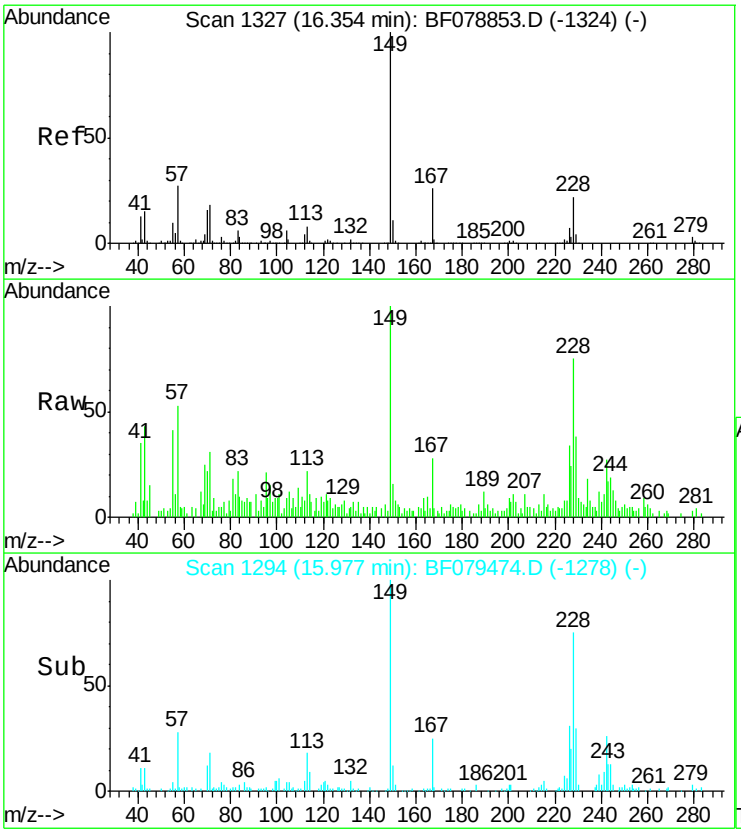
#82
Chrysene
Concen: 36.15 ng
RT: 15.95 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:228 Resp: 513813

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	22.5	16.1	24.1

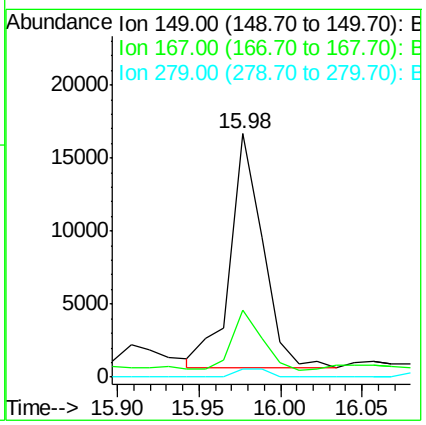


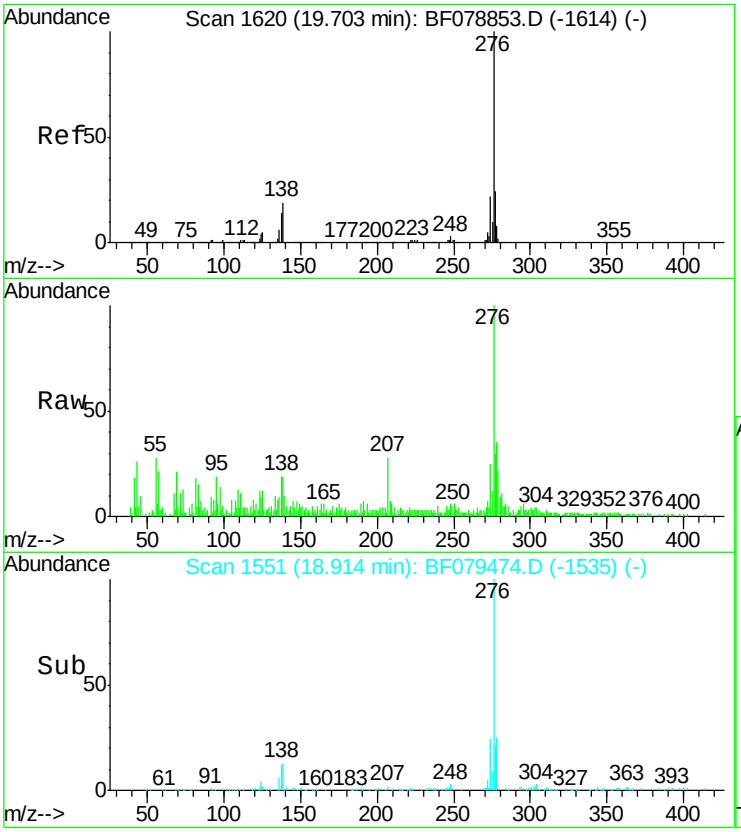


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.13 ng
RT: 15.98 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:149 Resp: 21930

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.2	31.8
279	3.3	2.6	4.0



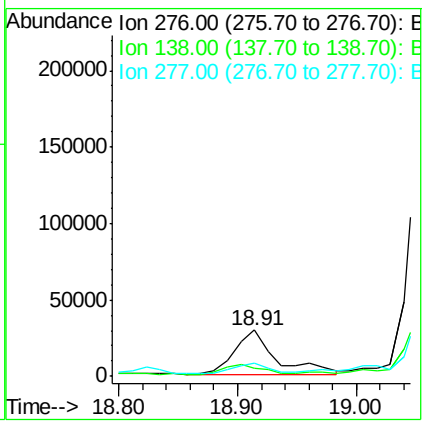


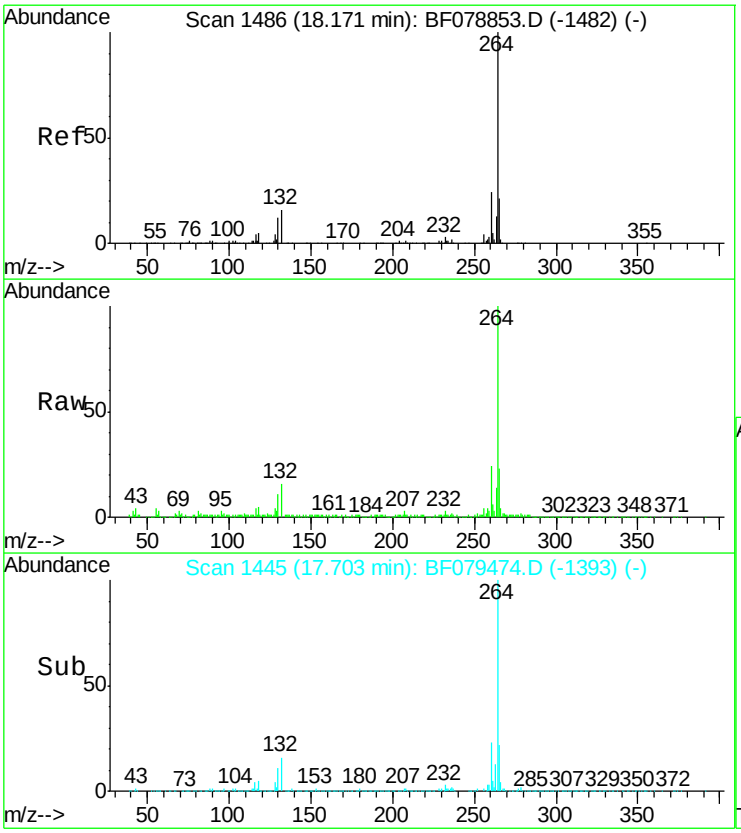
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.86 ng
RT: 18.91 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:276 Resp: 69837

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.1	31.7
277	21.4	19.9	29.9

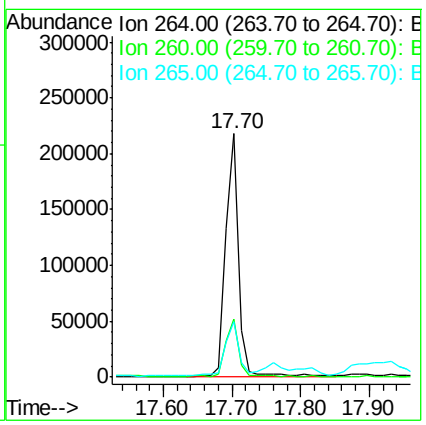


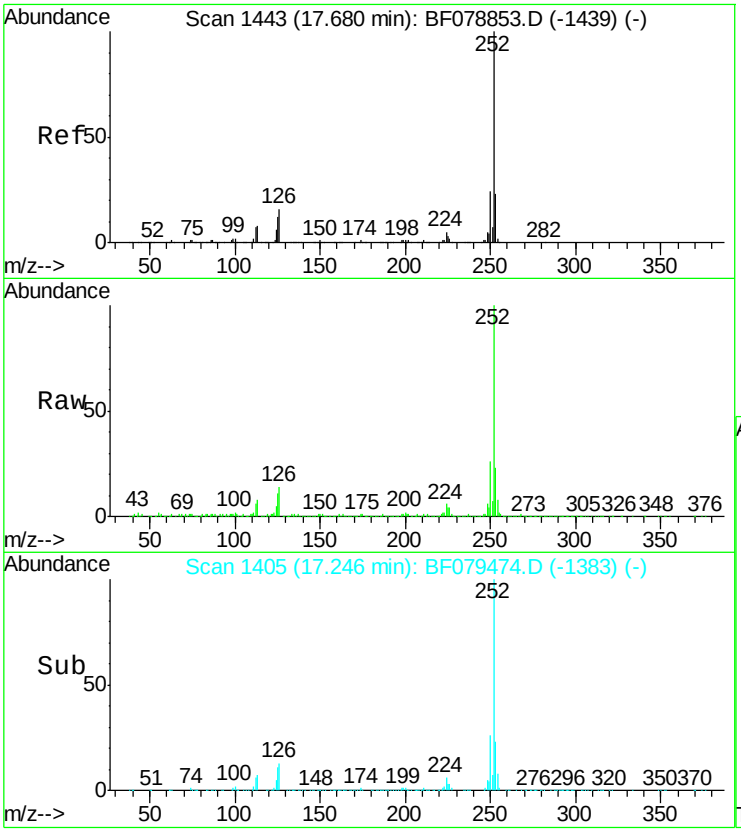


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.70 min Scan# 1445
Delta R.T. 0.09 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:264 Resp: 289311

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.7	17.2	25.8



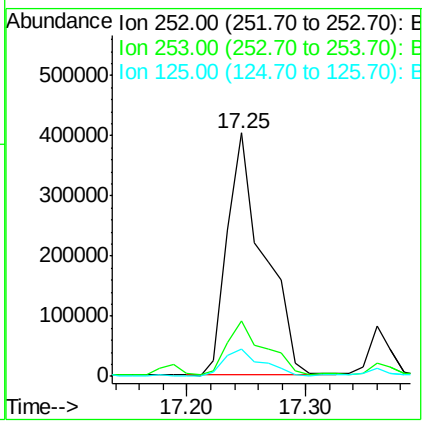


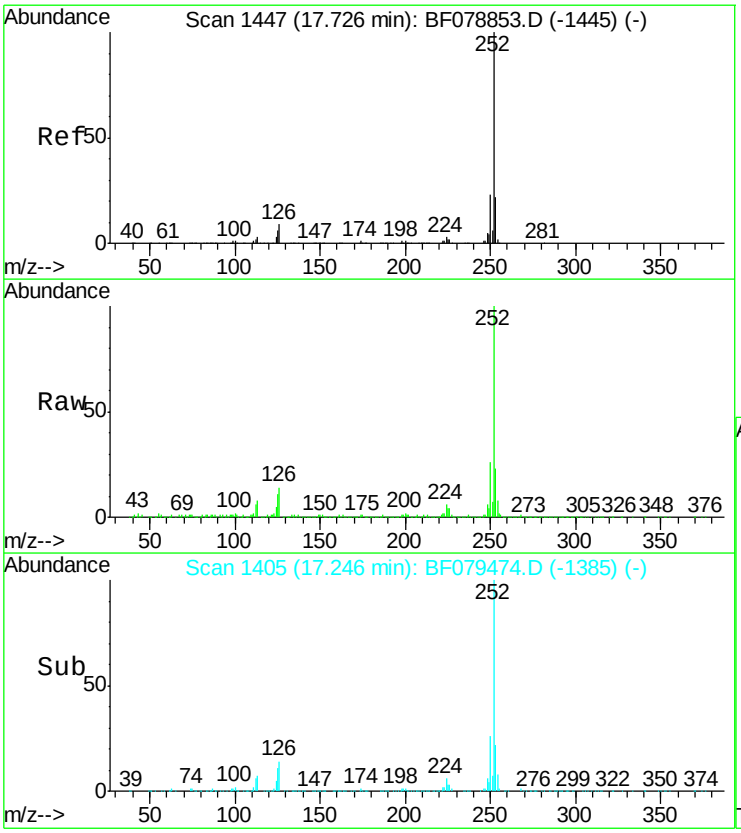
#87
Benzo(b)fluoranthene
Concen: 54.60 ng
RT: 17.25 min Scan# 1405
Delta R.T. 0.07 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:252 Resp: 864608

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.5	9.4	14.2

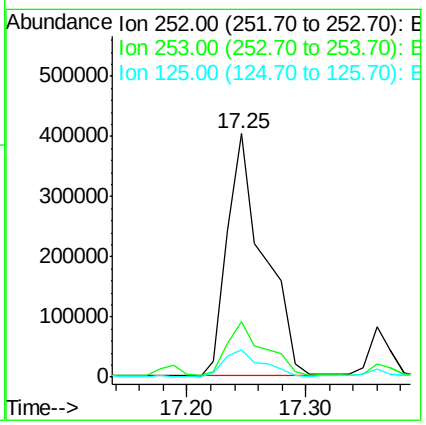


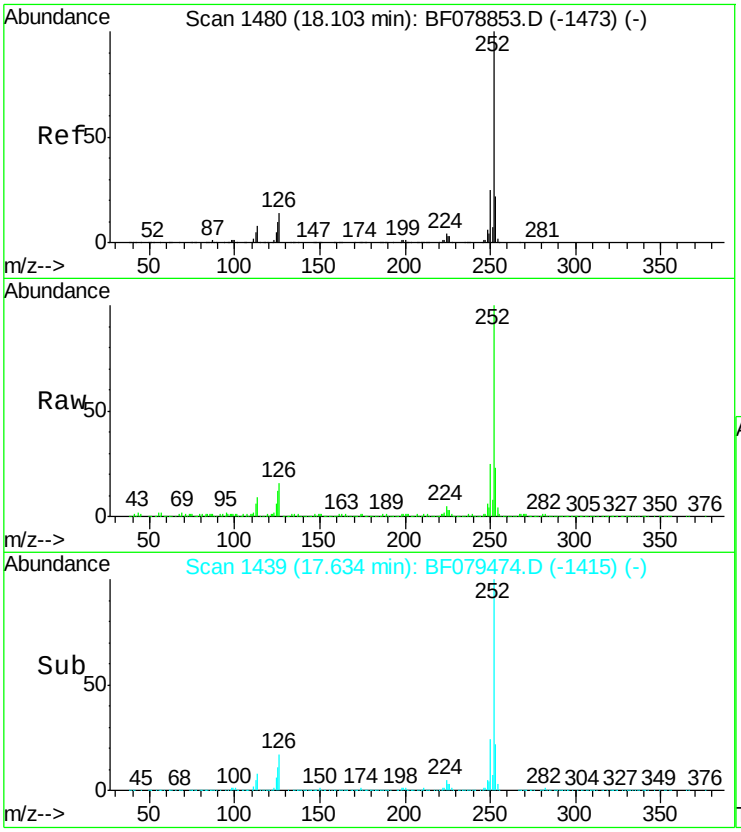


#88
Benzo(k)fluoranthene
Concen: 56.40 ng
RT: 17.25 min Scan# 1405
Delta R.T. 0.05 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:252 Resp: 864608

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	11.5	6.1	9.1#



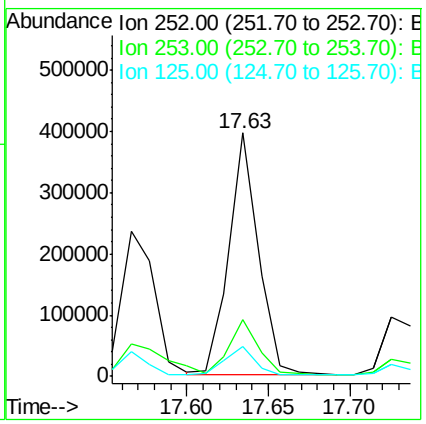


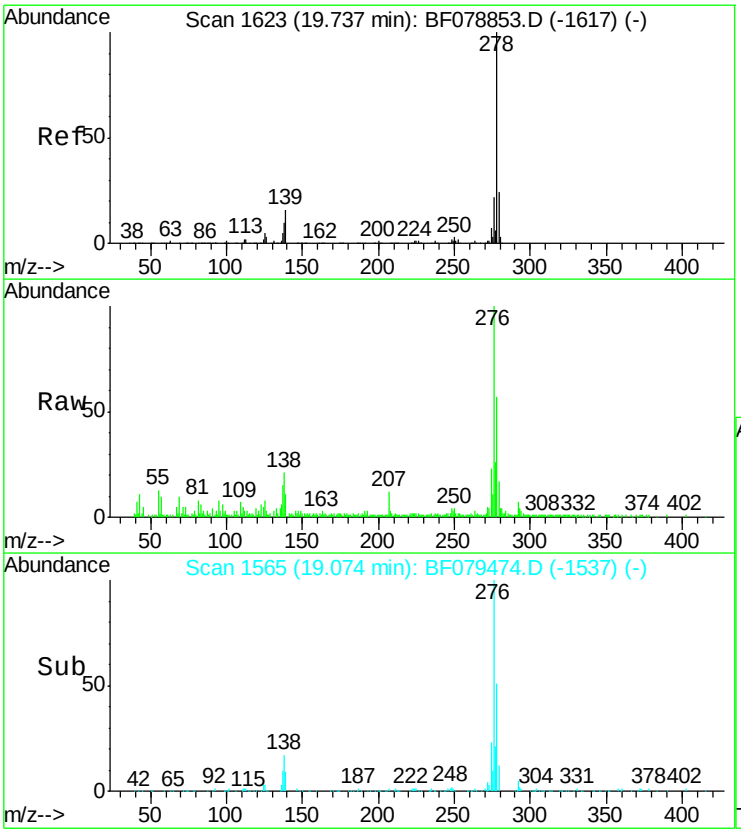
#89
Benzo(a)pyrene
Concen: 33.71 ng
RT: 17.63 min Scan# 1439
Delta R.T. 0.09 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:252 Resp: 491562

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.1	8.2	12.2

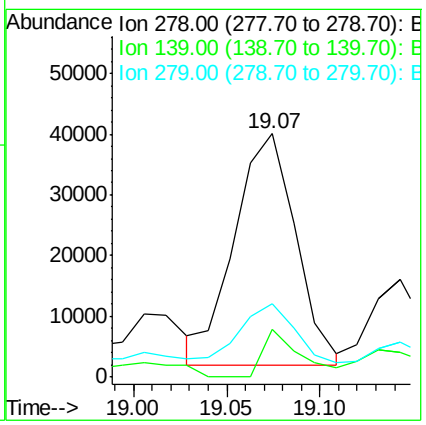


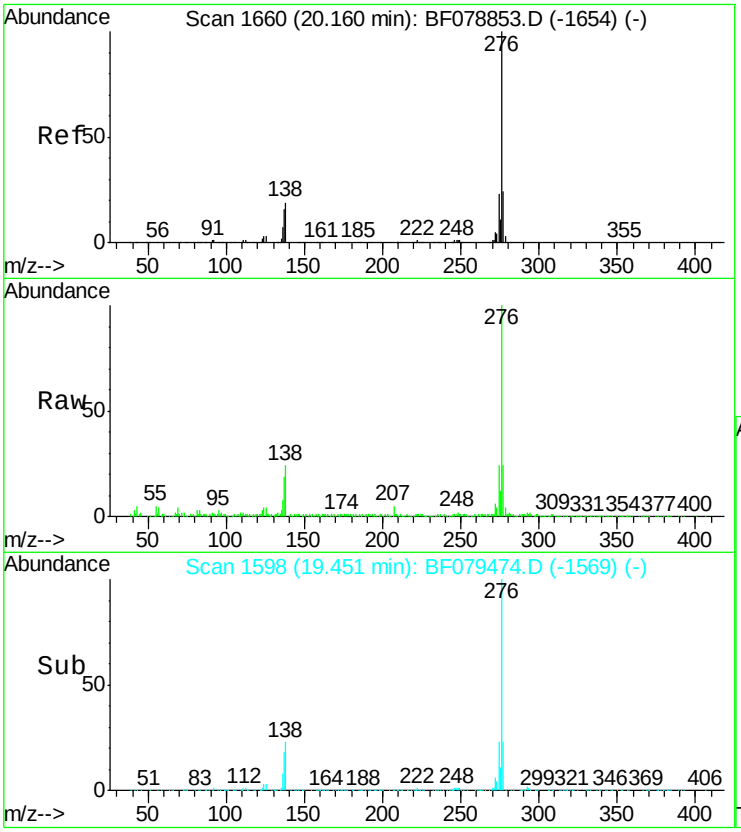


#90
Dibenzo(a,h)anthracene
Concen: 5.63 ng
RT: 19.07 min Scan# 1565
Delta R.T. 0.11 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Tgt Ion:278 Resp: 87175

Ion	Ratio	Lower	Upper
278	100		
139	19.8	13.1	19.7#
279	29.9	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 20.60 ng
RT: 19.45 min Scan# 1598
Delta R.T. 0.13 min
Lab File: BF079474.D
Acq: 23 May 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-27S

Tgt Ion:276 Resp: 319979

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	23.6	15.2	22.8#