Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075565.D
Acq On : 16 Nov 2014 2:36
Operator : TP / JJ
Sample : F4713-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(4-5)

Quant Time: Nov 16 06:16:03 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	60947	20.00	ng		-0.02
21) Naphthalene-d8	9.13	136	255485	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	135737	20.00	ng		-0.02
63) Phenanthrene-d10	13.17	188	233943	20.00	ng		-0.02
75) Chrysene-d12	16.47	240	225796	20.00	ng		-0.07
86) Perylene-d12	18.21	264	221253	20.00	ng		-0.23
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	332684	96.43	ng		-0.01
7) Phenol-d6	7.11	99	414754	99.97	ng		0.00
23) Nitrobenzene-d5	8.24	82	227347	65.24	ng		-0.02
41) 2,4,6-Tribromophenol	12.30	330	105881	93.13	ng		-0.02
44) 2-Fluorobiphenyl	10.48	172	434498	57.84	ng		-0.01
78) Terphenyl-d14	15.16	244	393336	46.90	ng		-0.03
Target Compounds							Qvalue
31) Naphthalene	9.16	128	23400	2.05	ng		98
32) Benzoic acid	8.80	122	100305	46.55	ng		98
48) Acenaphthylene	11.15	152	48120	4.08	ng		97
49) Dimethylphthalate	10.98	163	61999	6.68	ng		99
51) Acenaphthene	11.36	154	88271	12.39	ng		98
54) Dibenzofuran	11.57	168	52350	5.14	ng		94
57) Fluorene	12.00	166	123343	14.98	ng		99
62) Azobenzene	12.22	77	24729	2.92	ng	#	1
70) Phenanthrene	13.20	178	1207905	98.11	ng		99
71) Anthracene	13.26	178	378806	29.77	ng		98
72) Carbazole	13.47	167	111902	8.99	ng		100
74) Fluoranthene	14.69	202	1618936	122.77	ng		97
80) Benzo(a)anthracene	16.46	228	907019	76.46	ng		96
82) Chrysene	16.51	228	593469	57.85	ng		98
83) Bis(2-ethylhexyl)phthalate	16.48	149	35146	3.03	ng		99
87) Benzo(b)fluoranthene	17.75	252	941109	79.56	ng		97
88) Benzo(k)fluoranthene	17.75	252	1078708	101.61	ng		97
89) Benzo(a)pyrene	18.15	252	587832	55.54	ng	#	92
90) Dibenzo(a,h)anthracene	19.81	278	100868	9.13	ng	#	90
91) Benzo(g,h,i)perylene	20.25	276	316454	30.05	ng		97

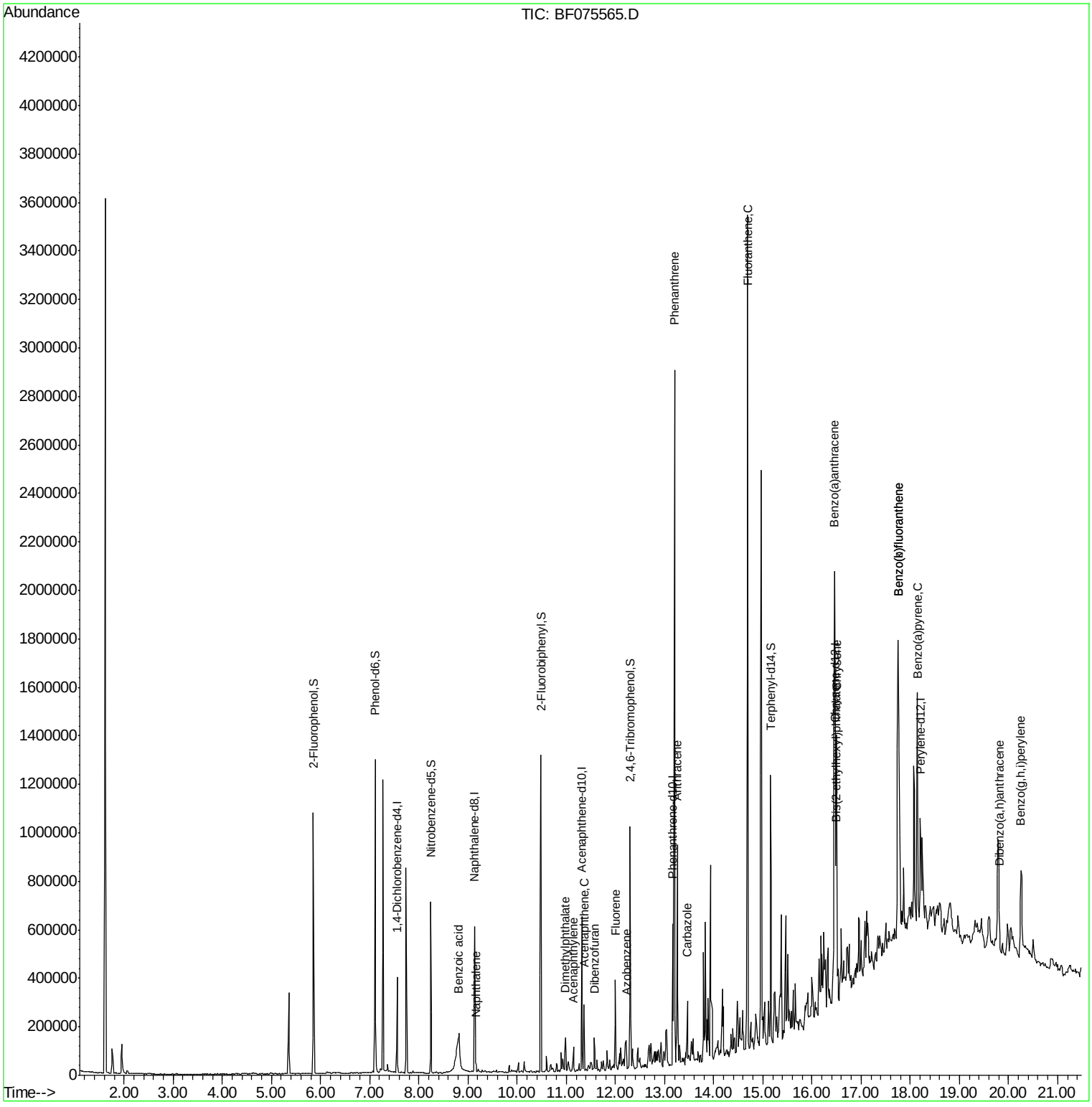
(#) = qualifier out of range (m) = manual integration (+) = signals summed

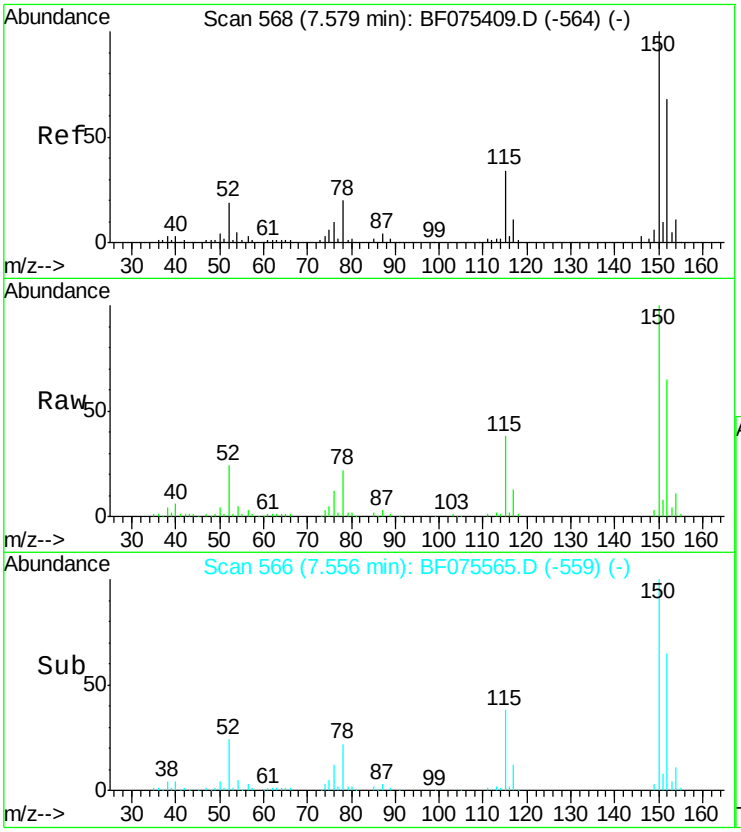
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075565.D
Acq On : 16 Nov 2014 2:36
Operator : TP / JJ
Sample : F4713-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Quant Time: Nov 16 06:16:03 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration



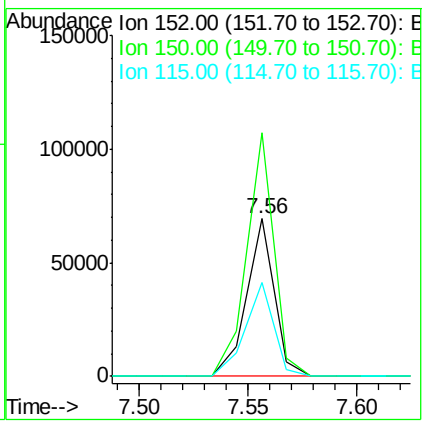


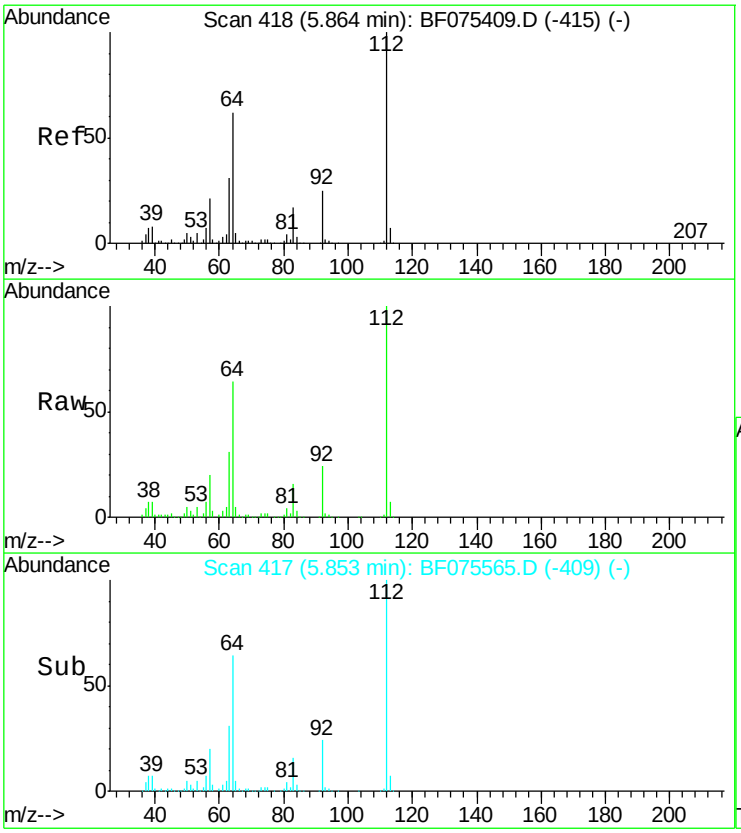
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:152 Resp: 60947

Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.2	190.8
115	59.5	57.1	85.7

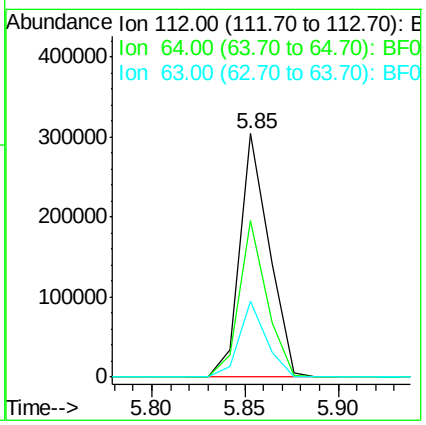


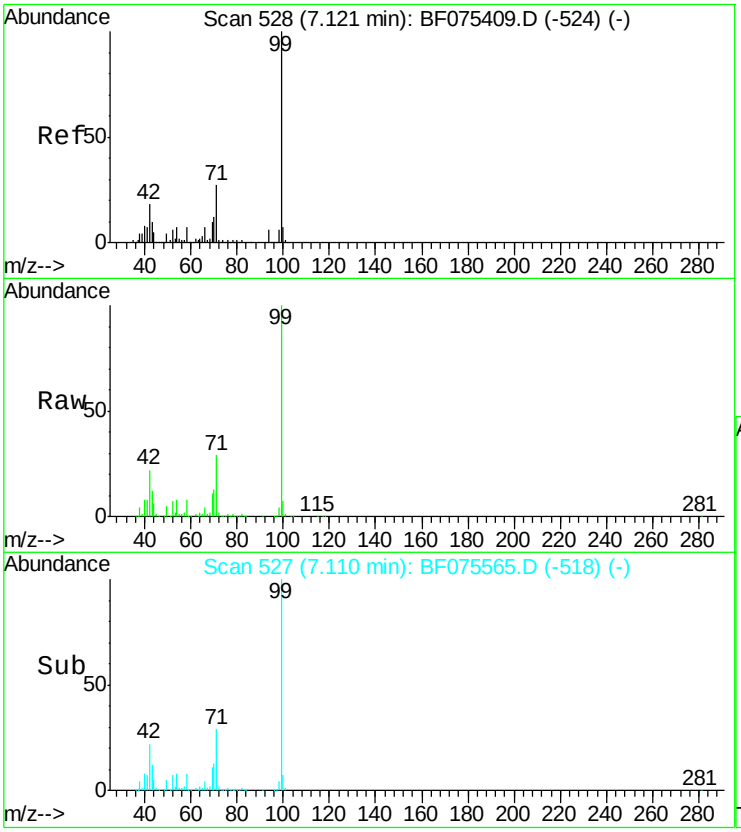


#5
2-Fluorophenol
Concen: 96.43 ng
RT: 5.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:112 Resp: 332684

Ion	Ratio	Lower	Upper
112	100		
64	64.3	45.8	68.6
63	31.2	22.7	34.1



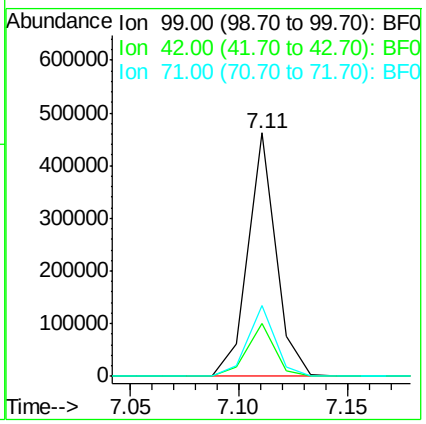


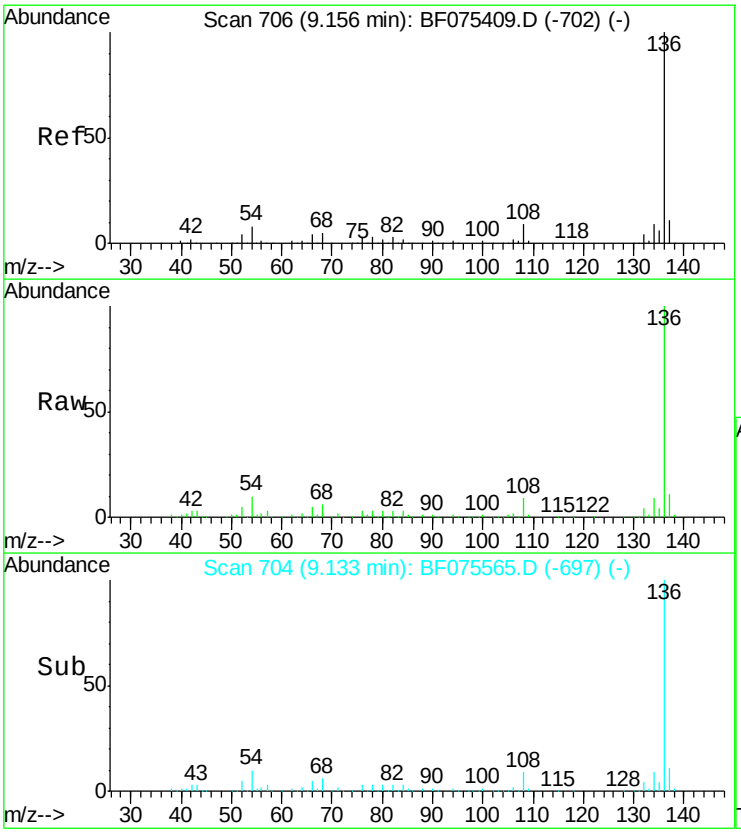
#7
Phenol-d6
Concen: 99.97 ng
RT: 7.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion: 99 Resp: 414754

Ion	Ratio	Lower	Upper
99	100		
42	21.6	19.8	29.6
71	29.1	25.5	38.3

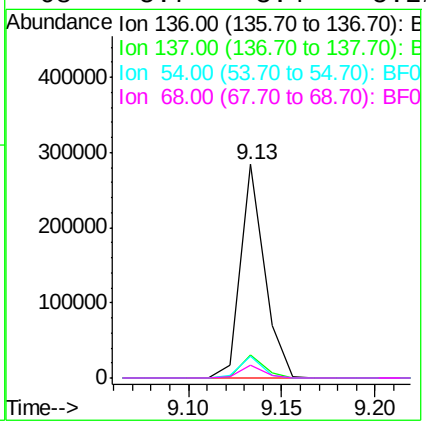


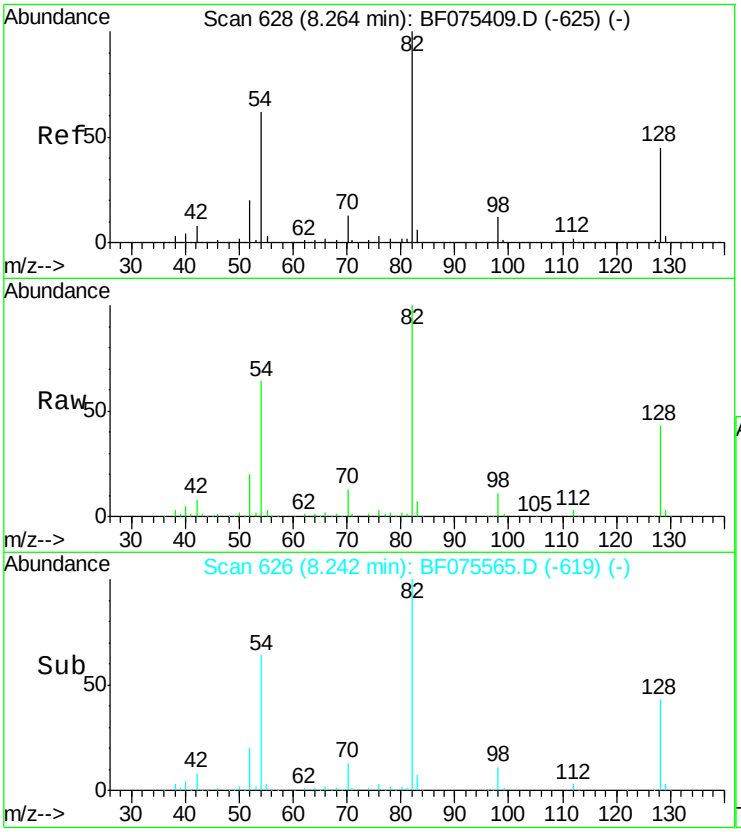


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:136 Resp: 255485

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	10.2	6.2	9.4#
68	5.7	3.4	5.2#



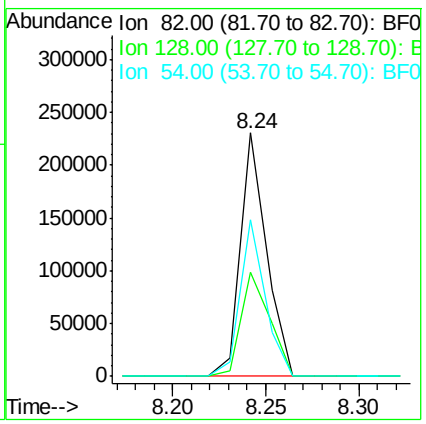


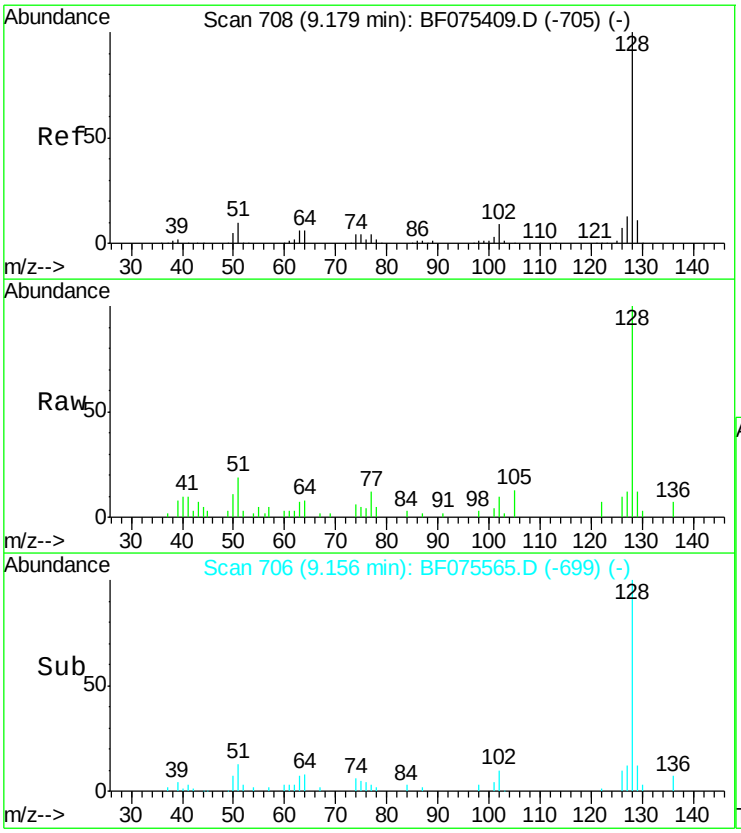
#23
Nitrobenzene-d5
Concen: 65.24 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion: 82 Resp: 227347

Ion	Ratio	Lower	Upper
82	100		
128	42.6	37.8	56.6
54	64.4	49.8	74.8

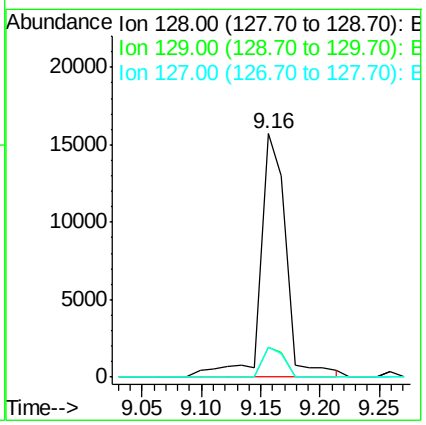


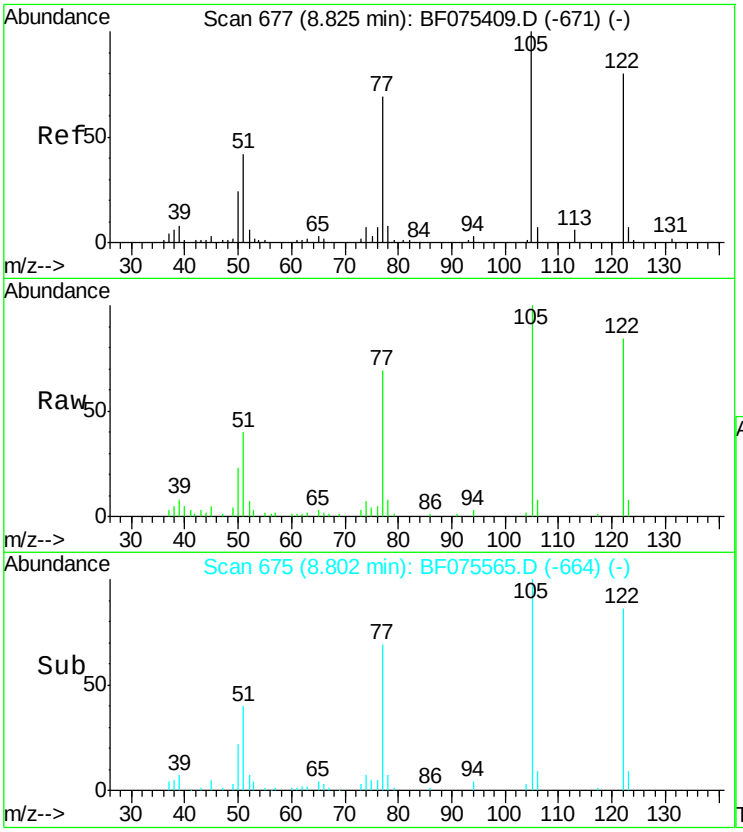


#31
Naphthalene
Concen: 2.05 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:128 Resp: 23400

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.4
127	12.4	10.2	15.4



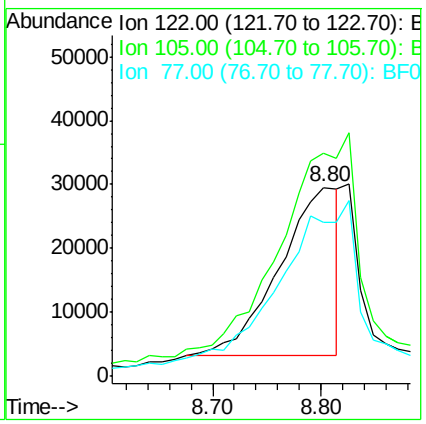


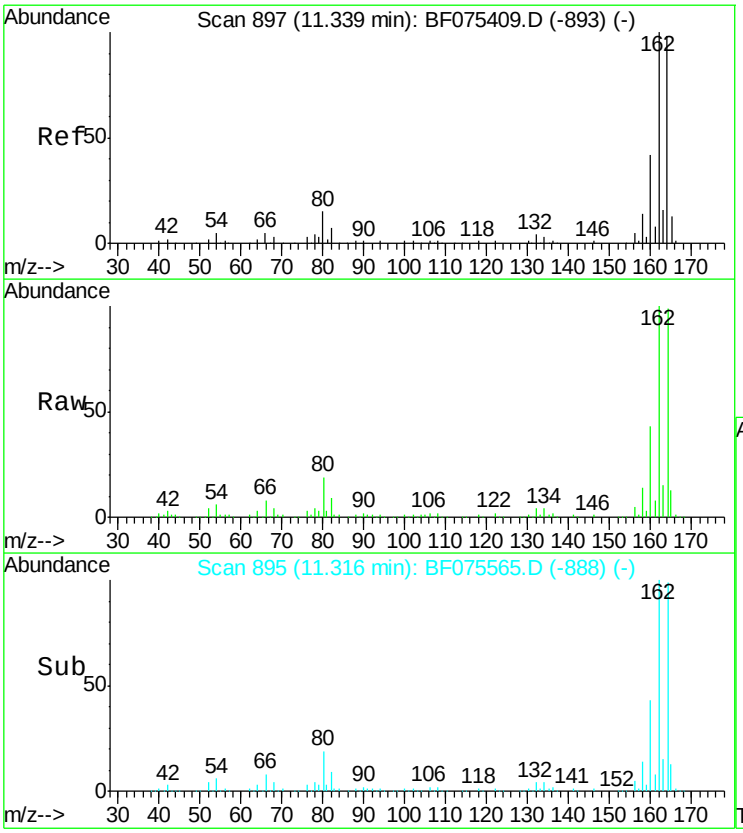
#32
Benzoic acid
Concen: 46.55 ng
RT: 8.80 min Scan# 675
Delta R.T. 0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:122 Resp: 100305

Ion	Ratio	Lower	Upper
122	100		
105	118.5	95.1	135.1
77	81.4	62.6	102.6

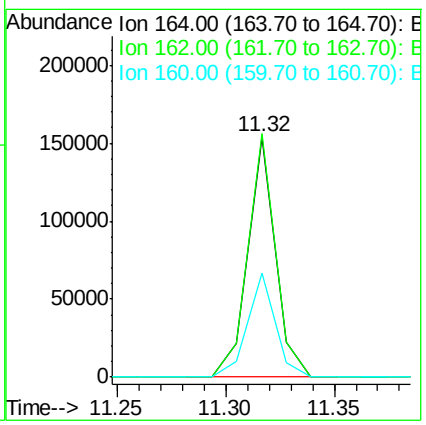


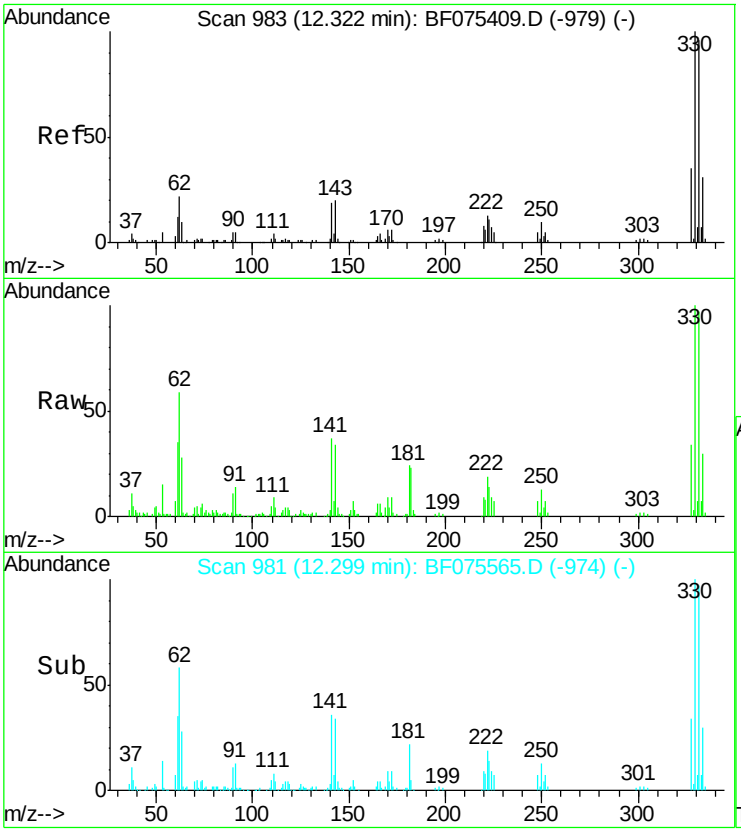


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:164 Resp: 135737

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.1	118.7
160	43.6	34.6	51.8



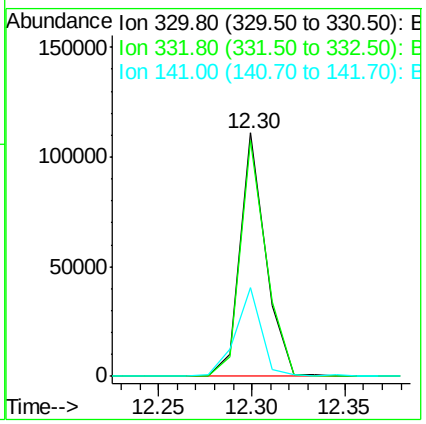


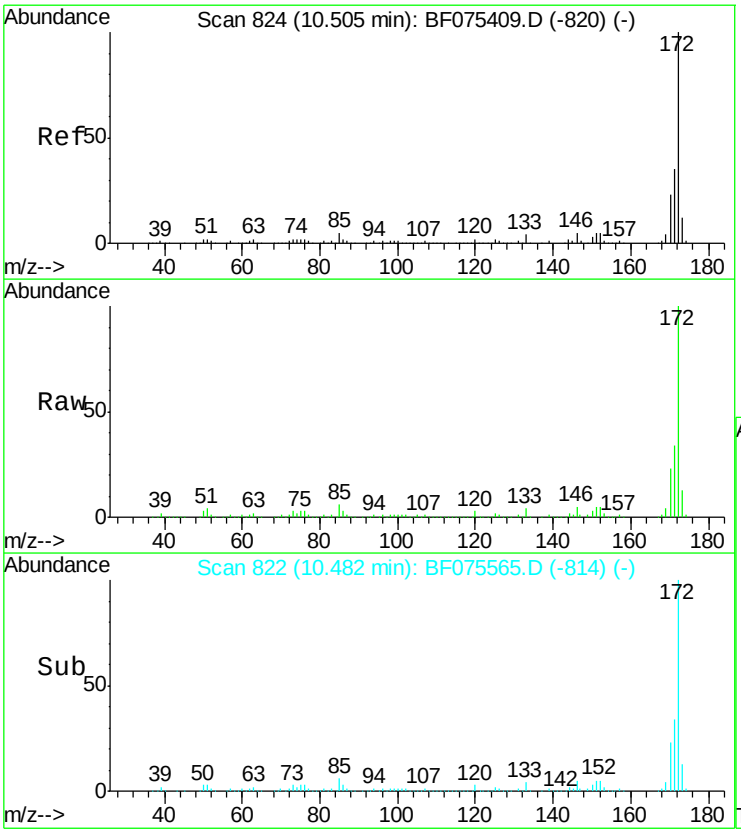
#41
2,4,6-Tribromophenol
Concen: 93.13 ng
RT: 12.30 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:330 Resp: 105881

Ion	Ratio	Lower	Upper
330	100		
332	98.3	74.5	111.7
141	36.4	30.7	46.1

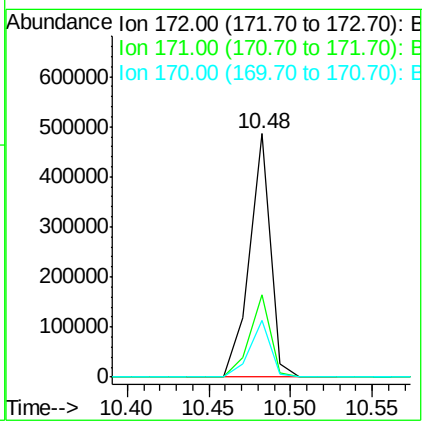


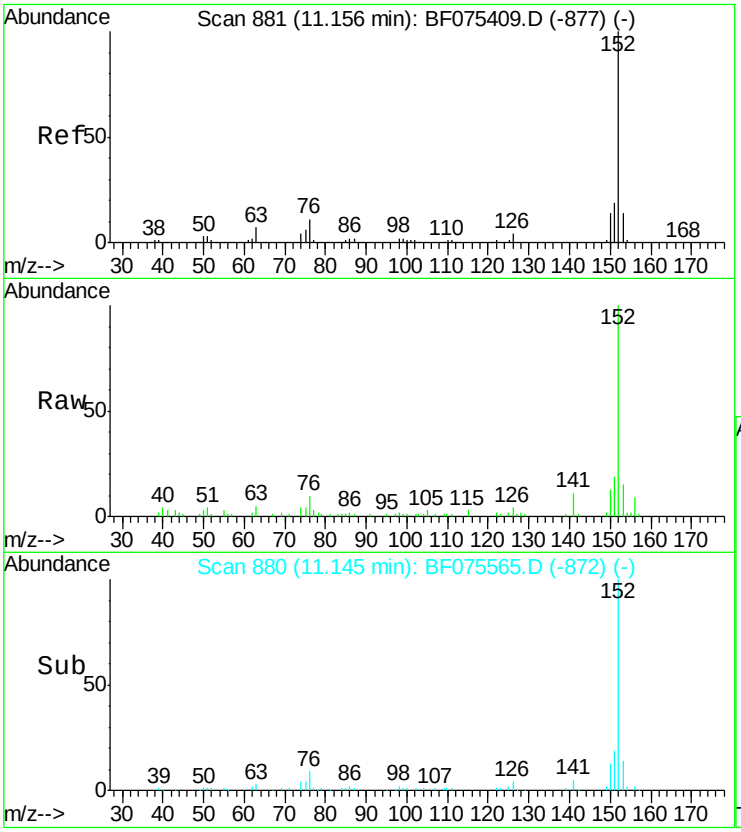


#44
2-Fluorobiphenyl
Concen: 57.84 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:172 Resp: 434498

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.3	40.9
170	23.1	18.4	27.6



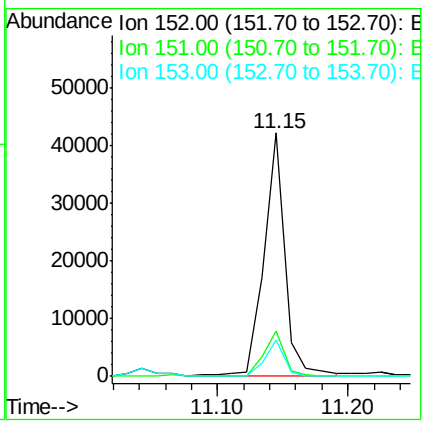


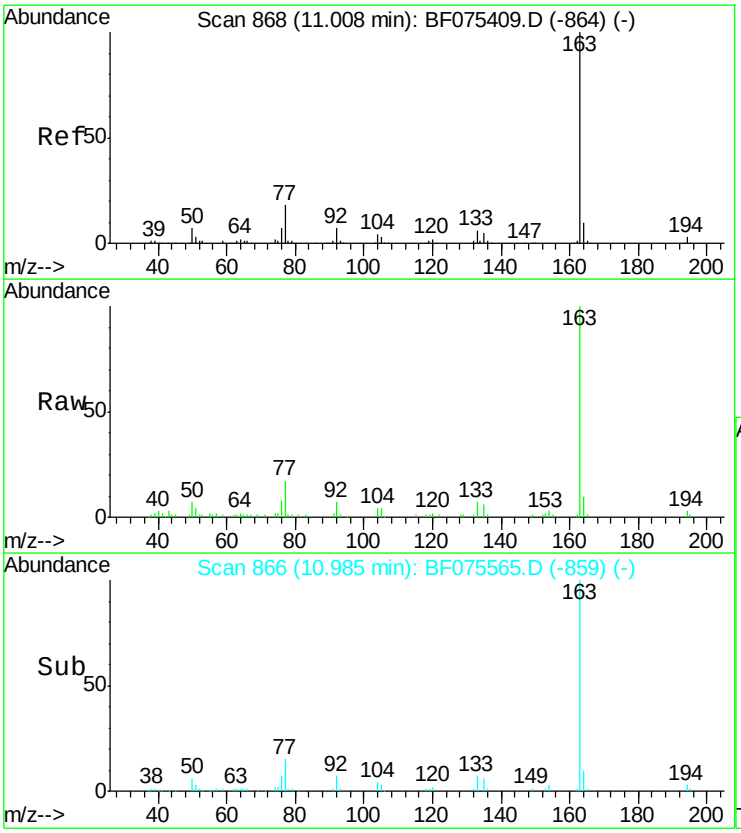
#48
Acenaphthylene
Concen: 4.08 ng
RT: 11.15 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:152 Resp: 48120

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.2
153	14.7	10.0	15.0

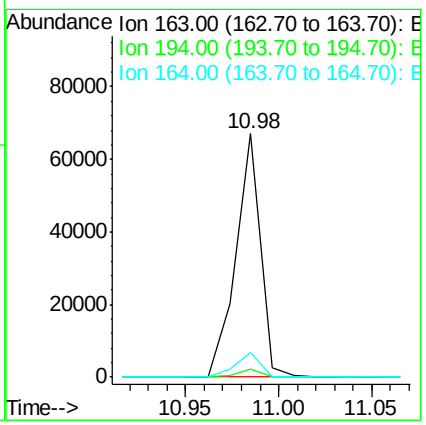


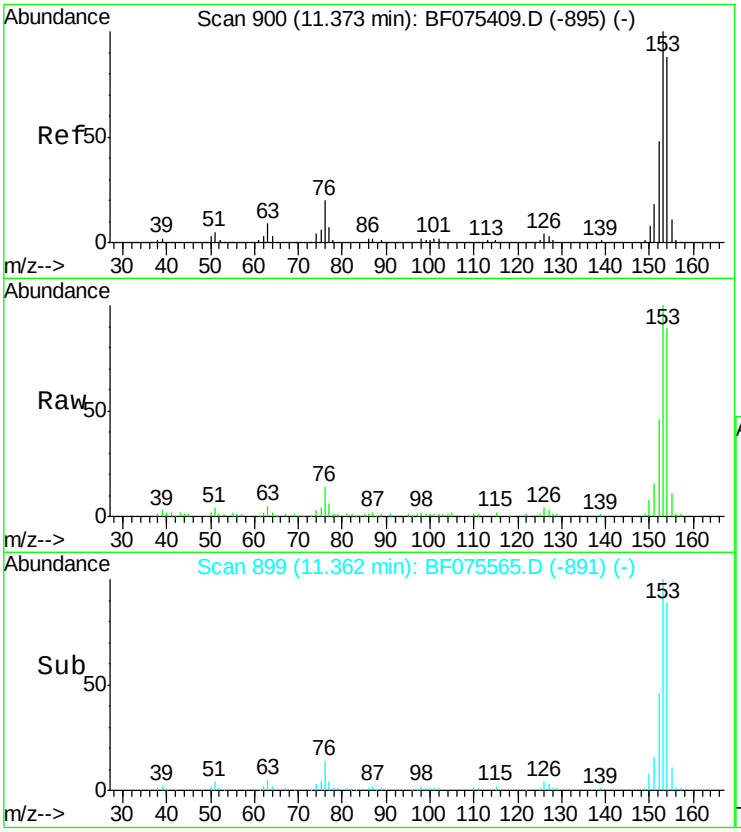


#49
Dimethylphthalate
Concen: 6.68 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:163 Resp: 61999

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.2	8.0	12.0



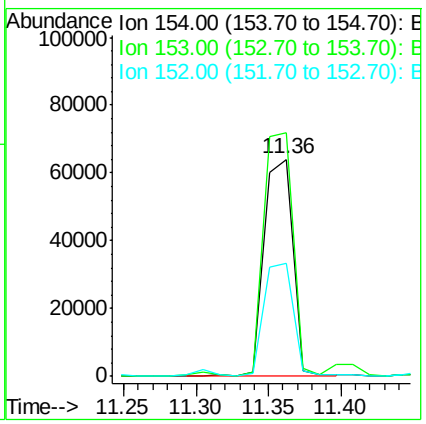


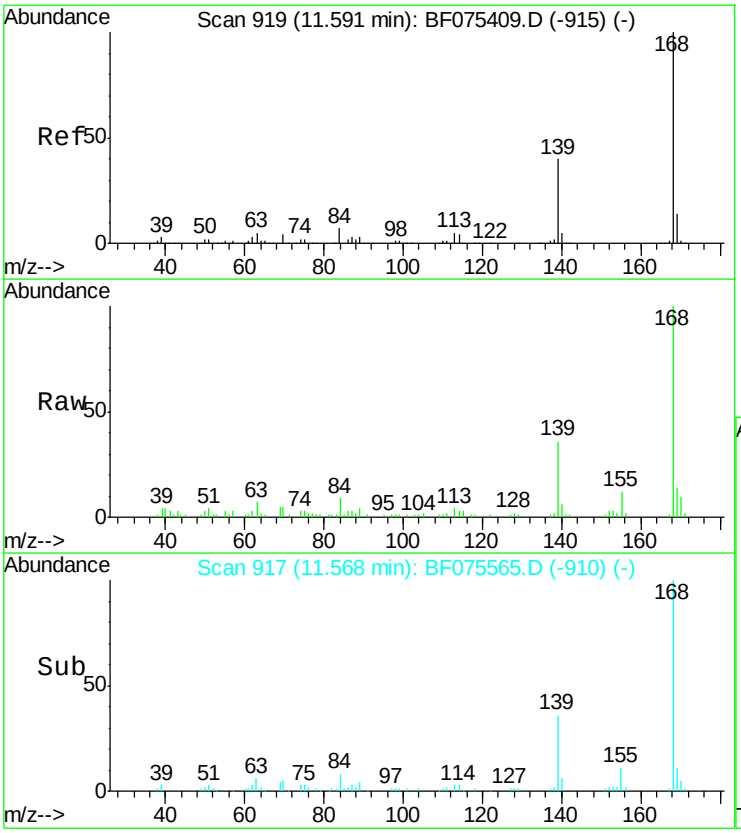
#51
Acenaphthene
Concen: 12.39 ng
RT: 11.36 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:154 Resp: 88271

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.2	136.8
152	52.1	43.4	65.0

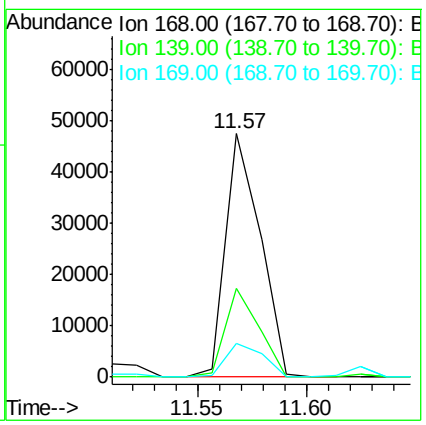


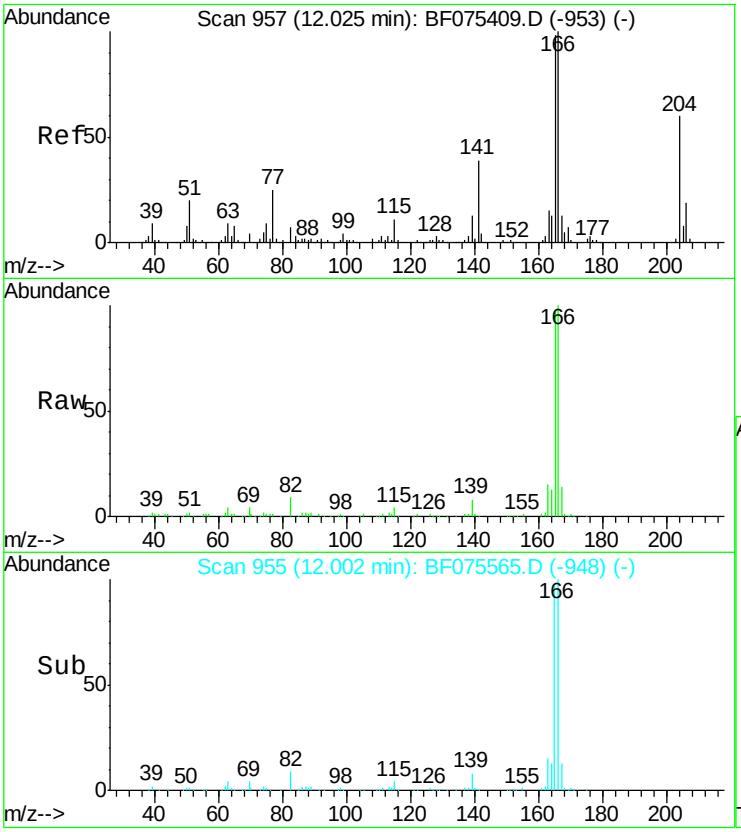


#54
Dibenzofuran
Concen: 5.14 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:168 Resp: 52350

Ion	Ratio	Lower	Upper
168	100		
139	36.5	33.0	49.4
169	14.0	10.8	16.2



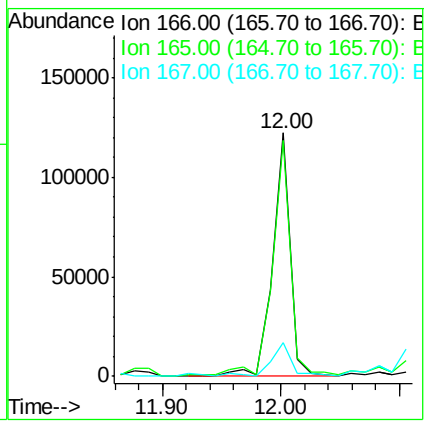


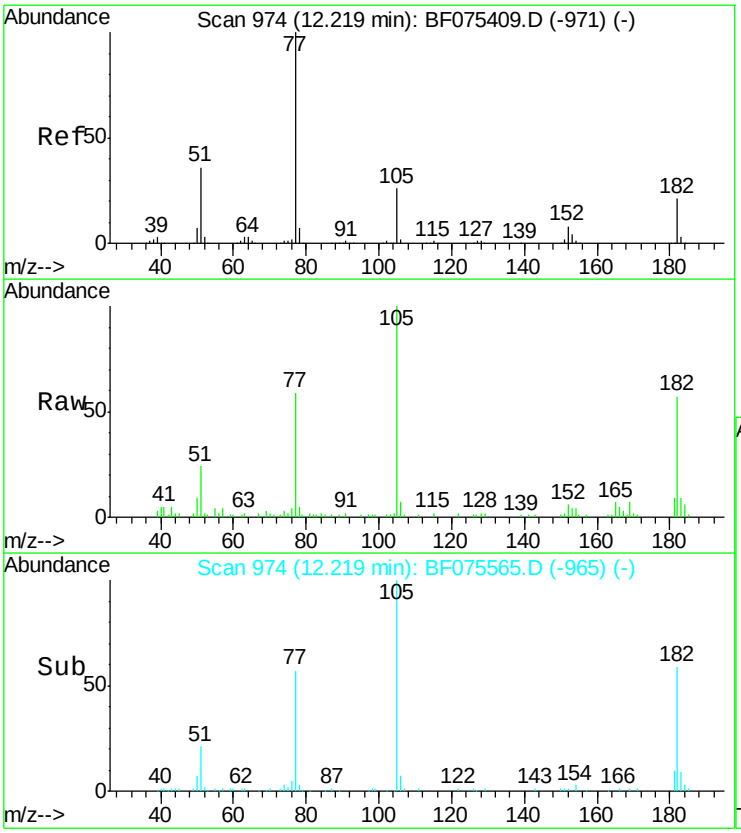
#57
Fluorene
Concen: 14.98 ng
RT: 12.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:166 Resp: 123343

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.8	118.2
167	13.8	10.6	15.8

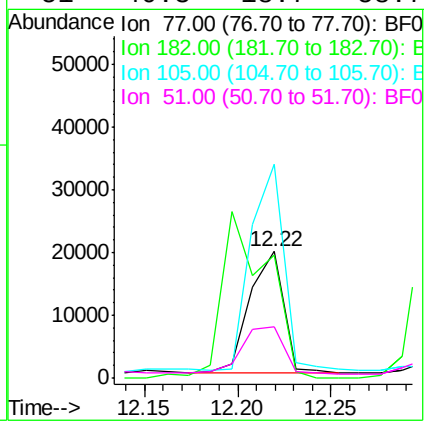


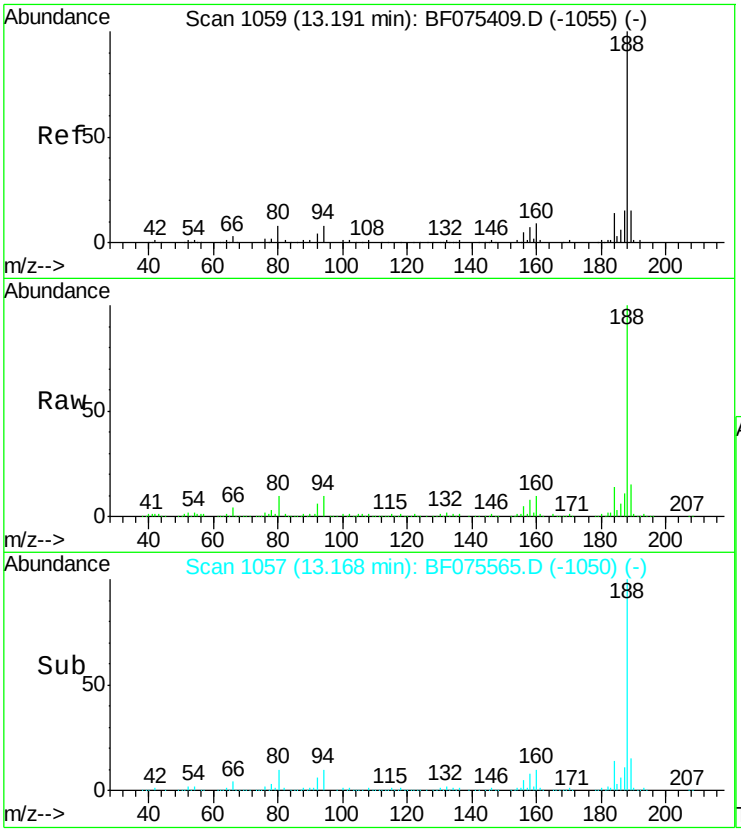


#62
Azobenzene
Concen: 2.92 ng
RT: 12.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion: 77 Resp: 24729

Ion	Ratio	Lower	Upper
77	100		
182	97.0	0.0	37.1#
105	169.2	3.7	43.7#
51	40.3	18.7	58.7



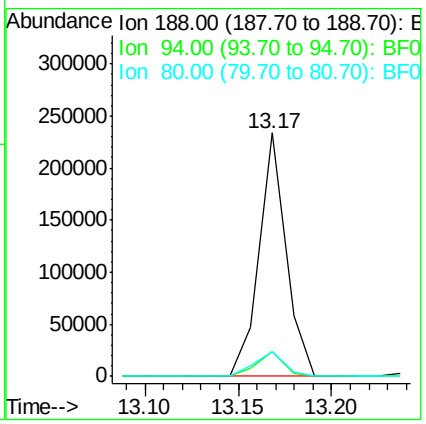


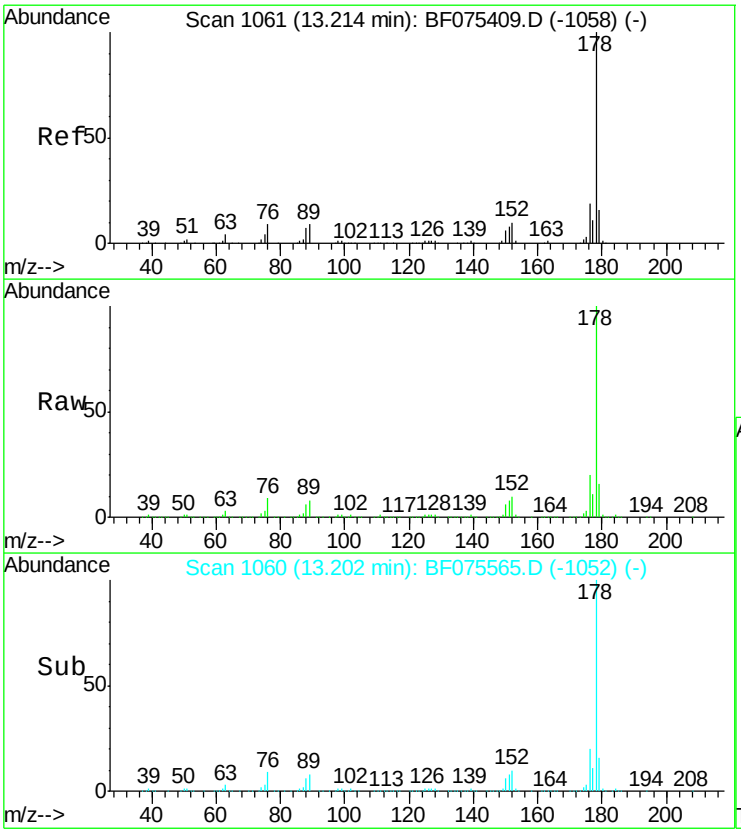
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:188 Resp: 233943

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.8	11.6
80	10.3	8.0	12.0

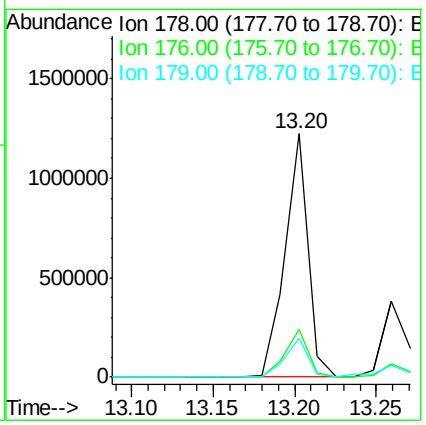


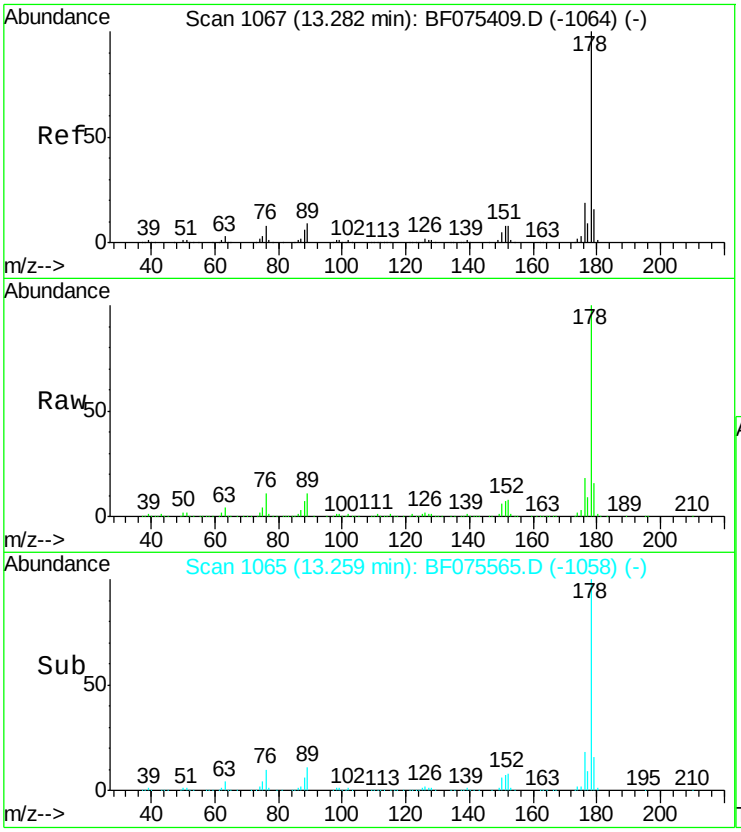


#70
Phenanthrene
Concen: 98.11 ng
RT: 13.20 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:178 Resp: 1207905

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.7	12.2	18.4



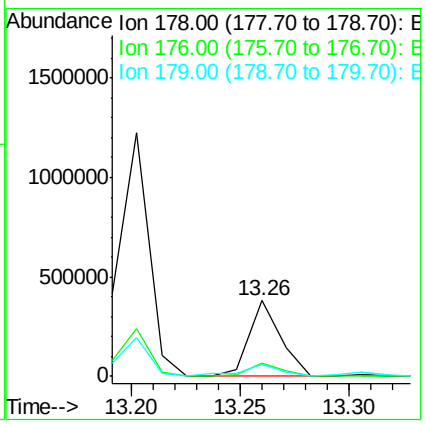


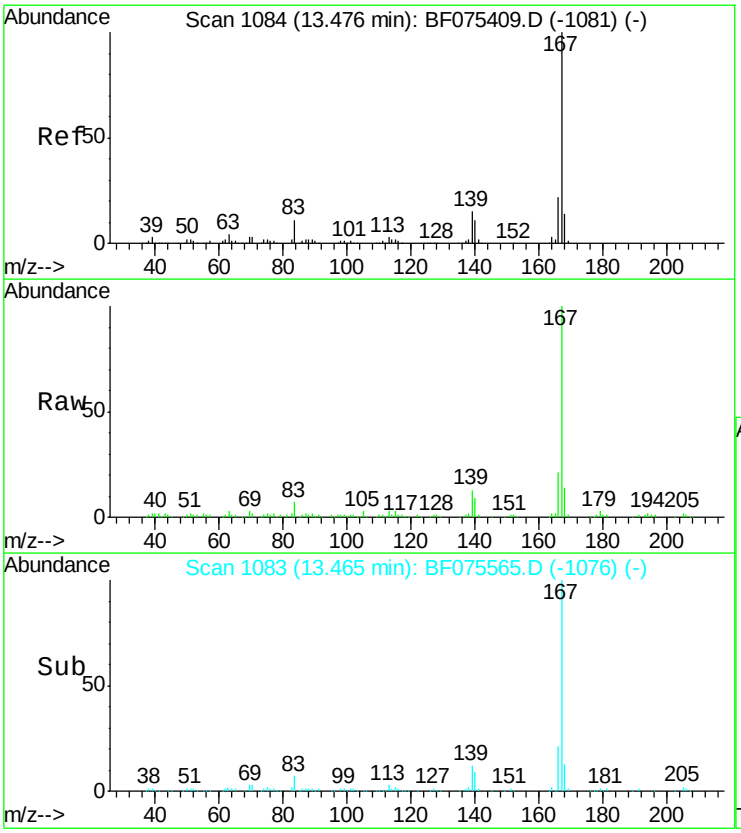
#71
Anthracene
Concen: 29.77 ng
RT: 13.26 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:178 Resp: 378806

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	16.1	12.2	18.2

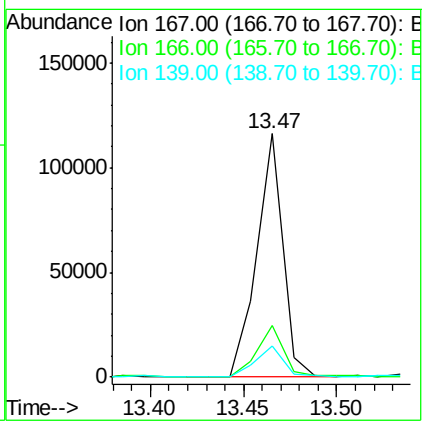


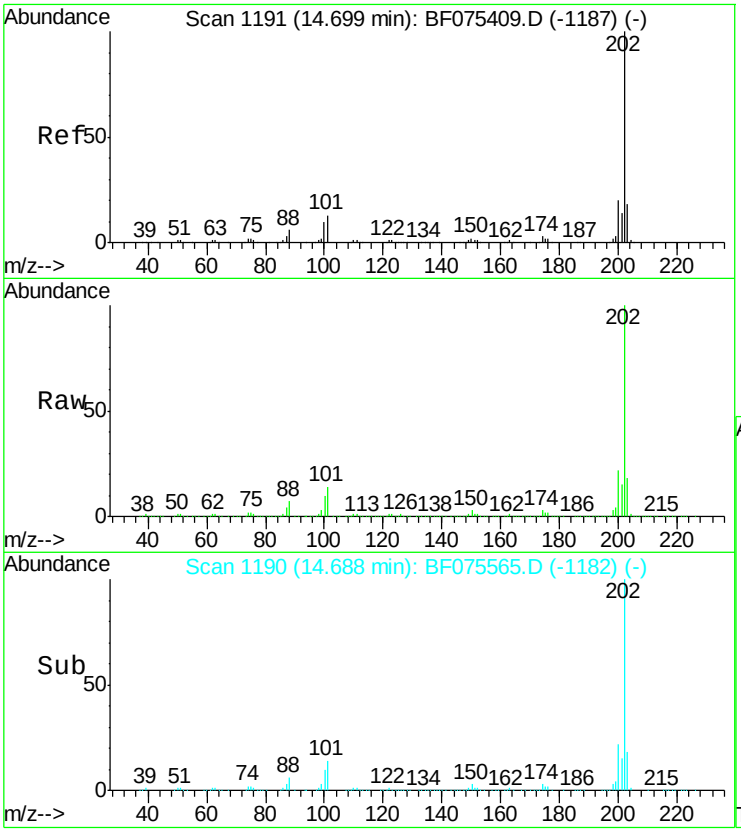


#72
Carbazole
Concen: 8.99 ng
RT: 13.47 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:167 Resp: 111902

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.7	10.1	15.1



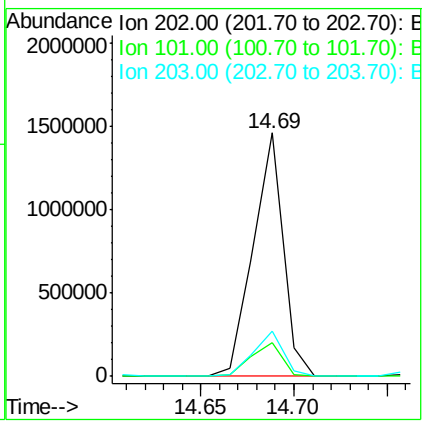


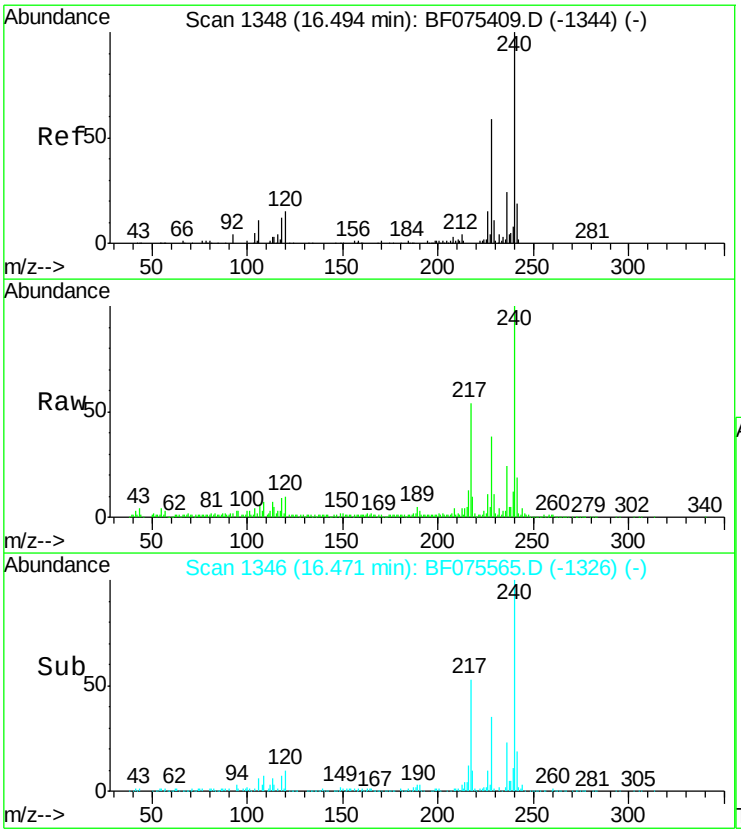
#74
Fluoranthene
Concen: 122.77 ng
RT: 14.69 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:202 Resp: 1618936

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	36.6
203	18.4	0.0	38.2

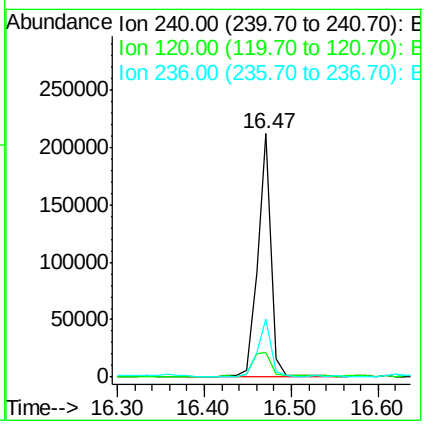


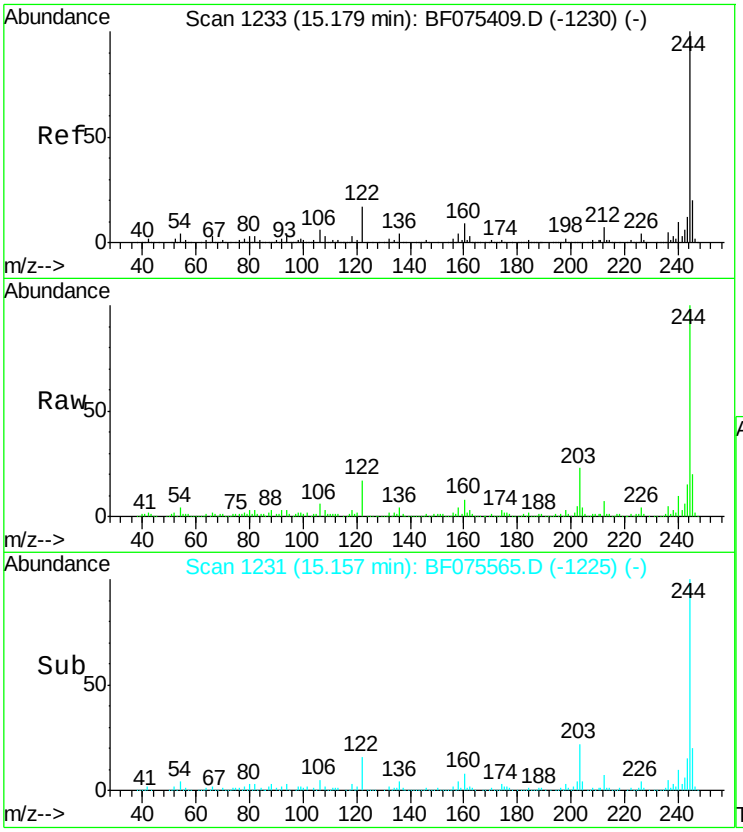


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.47 min Scan# 1346
Delta R.T. -0.07 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:240 Resp: 225796

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.6	14.4
236	23.8	18.9	28.3



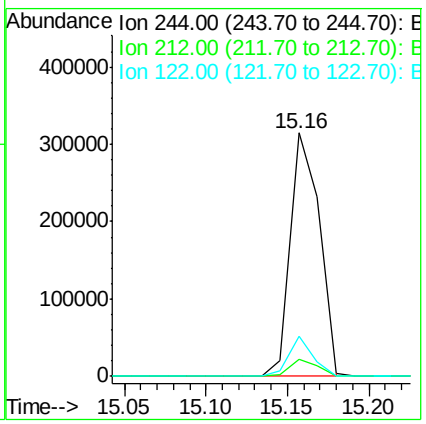


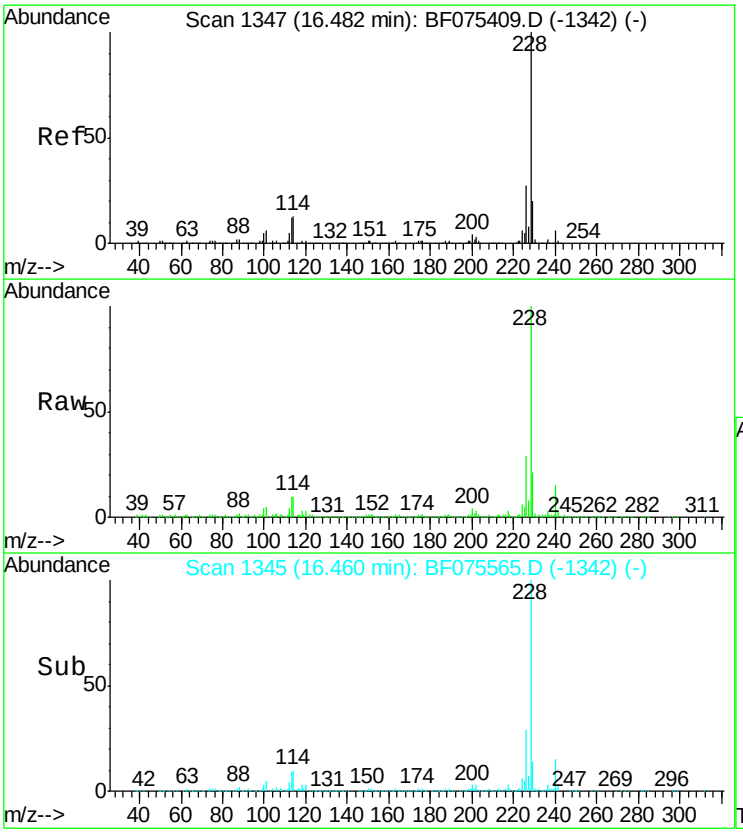
#78
Terphenyl-d14
Concen: 46.90 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.03 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:244 Resp: 393336

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	16.7	9.7	14.5#

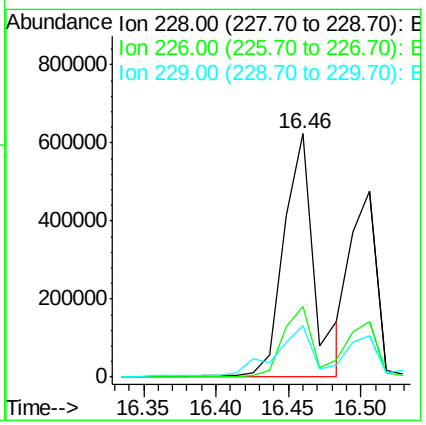


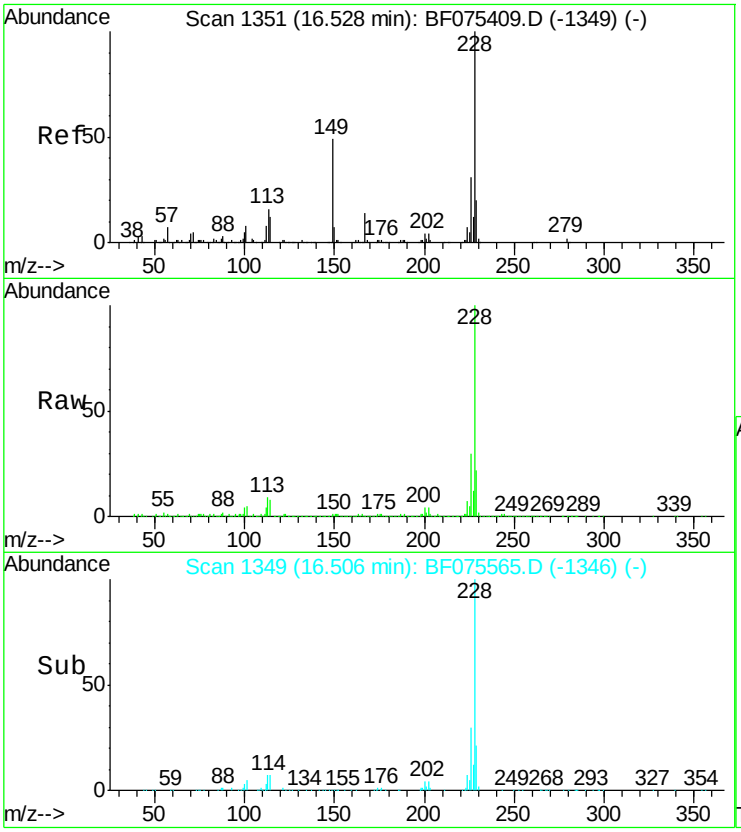


#80
Benzo(a)anthracene
Concen: 76.46 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.07 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:228 Resp: 907019

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.8	32.8
229	21.0	15.3	22.9



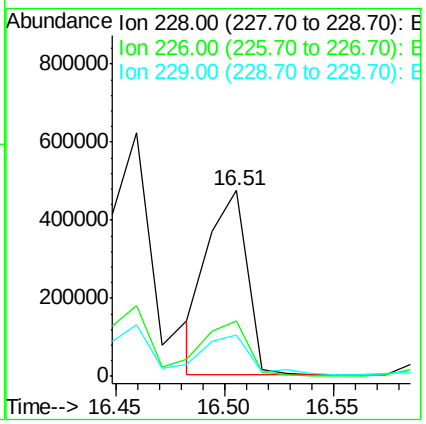


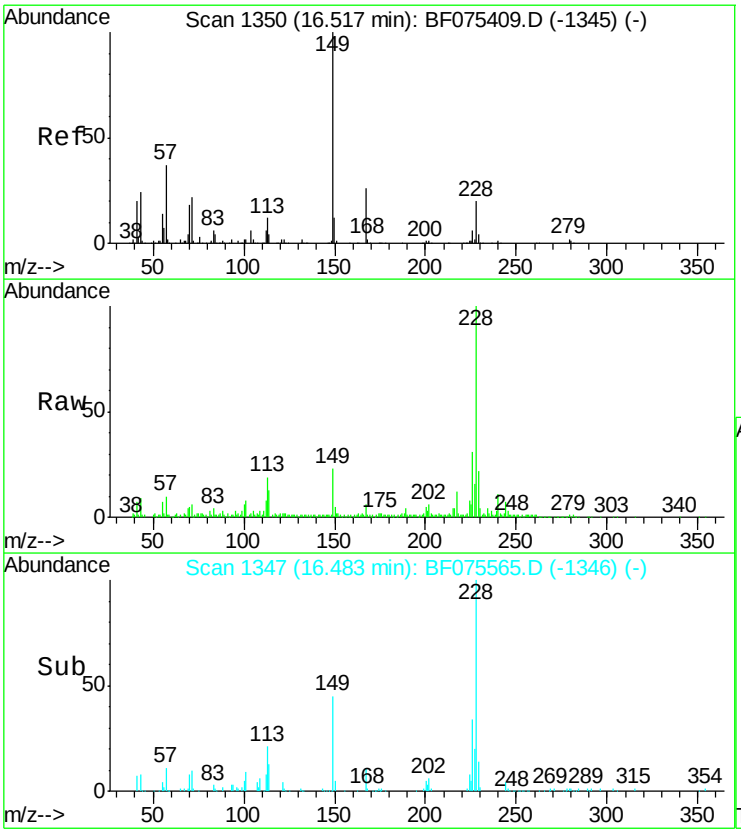
#82
Chrysene
Concen: 57.85 ng
RT: 16.51 min Scan# 1349
Delta R.T. -0.07 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:228 Resp: 593469

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	22.5	15.8	23.6

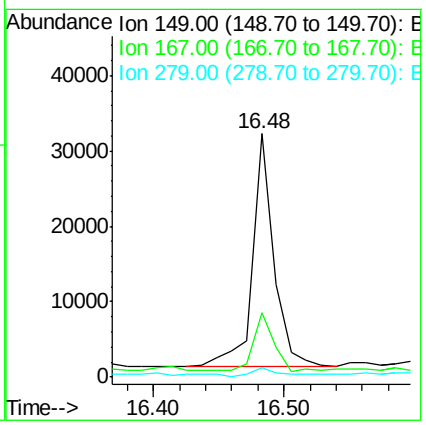


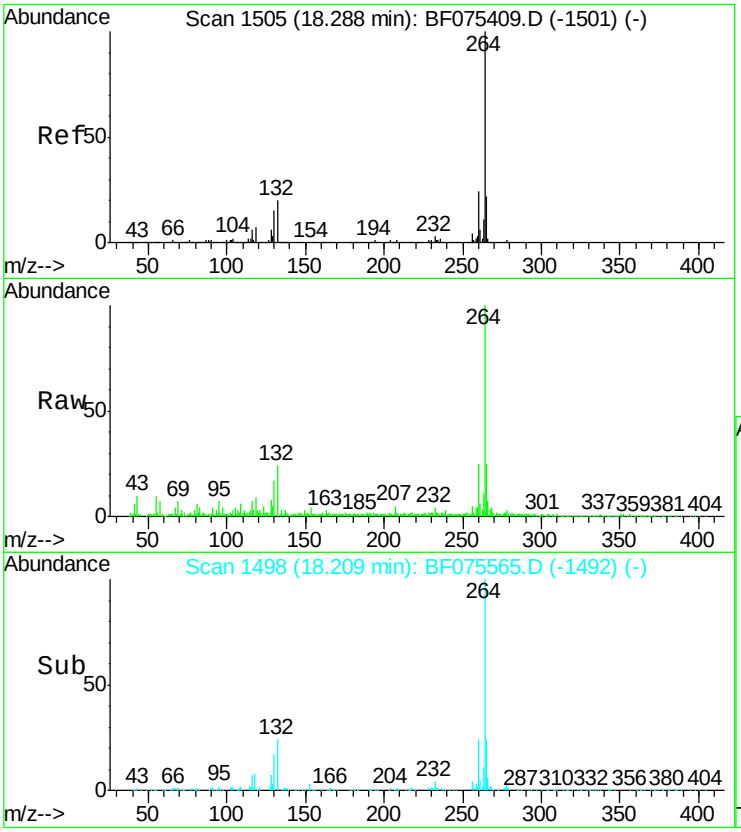


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.03 ng
RT: 16.48 min Scan# 1347
Delta R.T. -0.09 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:149 Resp: 35146

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.4	32.2
279	4.0	2.8	4.2



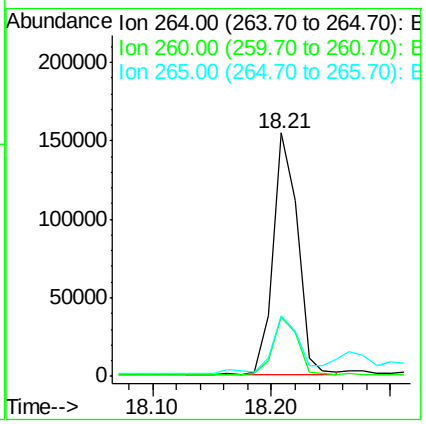


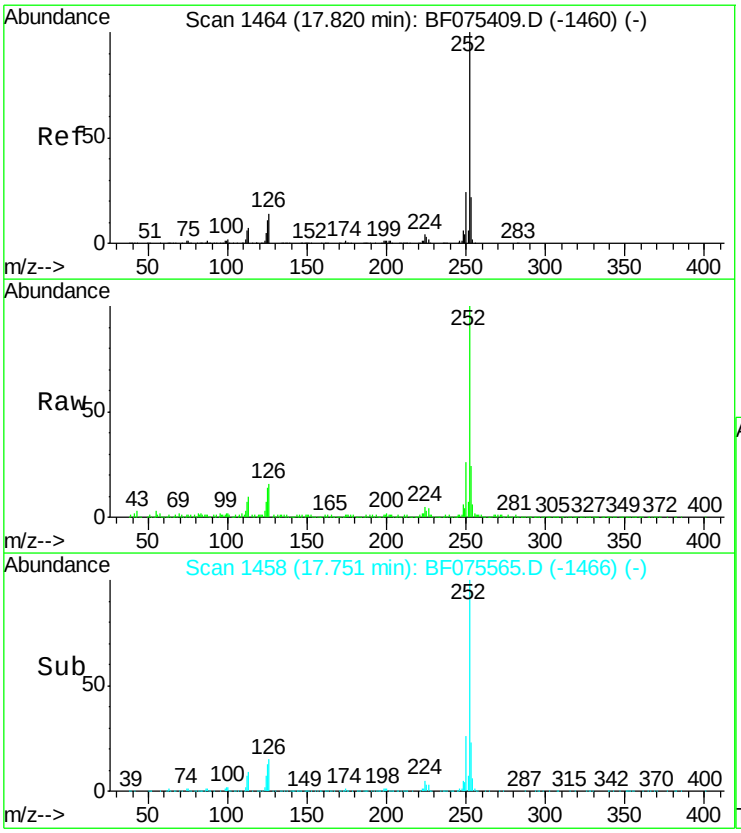
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.21 min Scan# 1498
Delta R.T. -0.23 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:264 Resp: 221253

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.9	26.9
265	25.1	16.3	24.5#

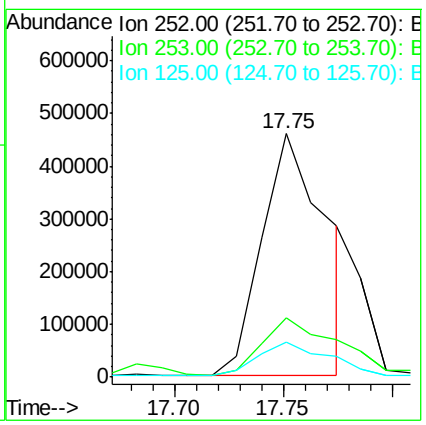


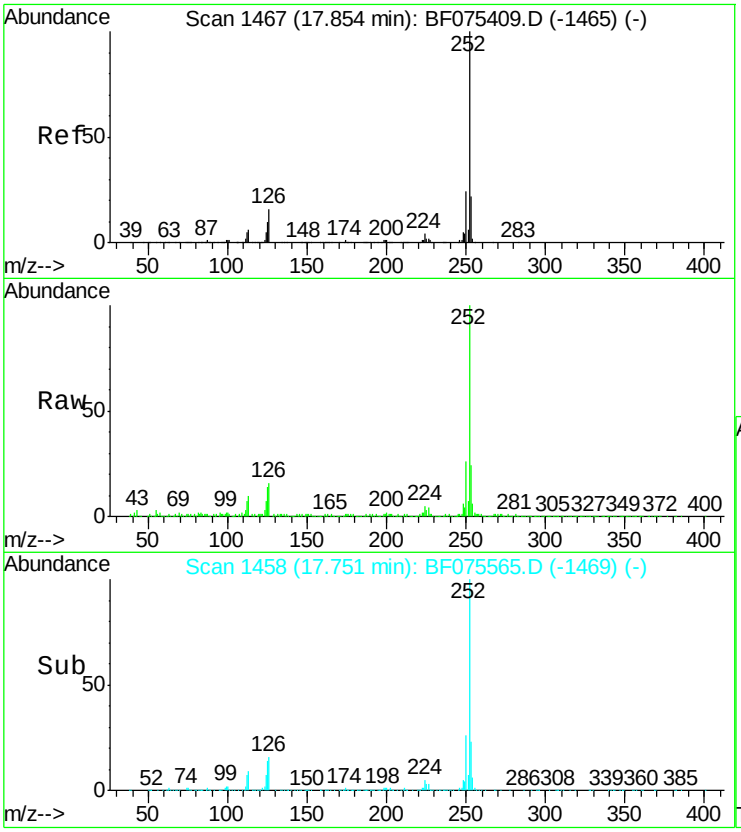


#87
Benzo(b)fluoranthene
Concen: 79.56 ng
RT: 17.75 min Scan# 1458
Delta R.T. -0.19 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:252 Resp: 941109

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	14.2	11.8	17.6



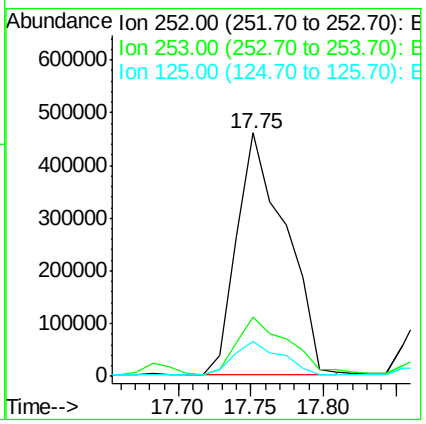


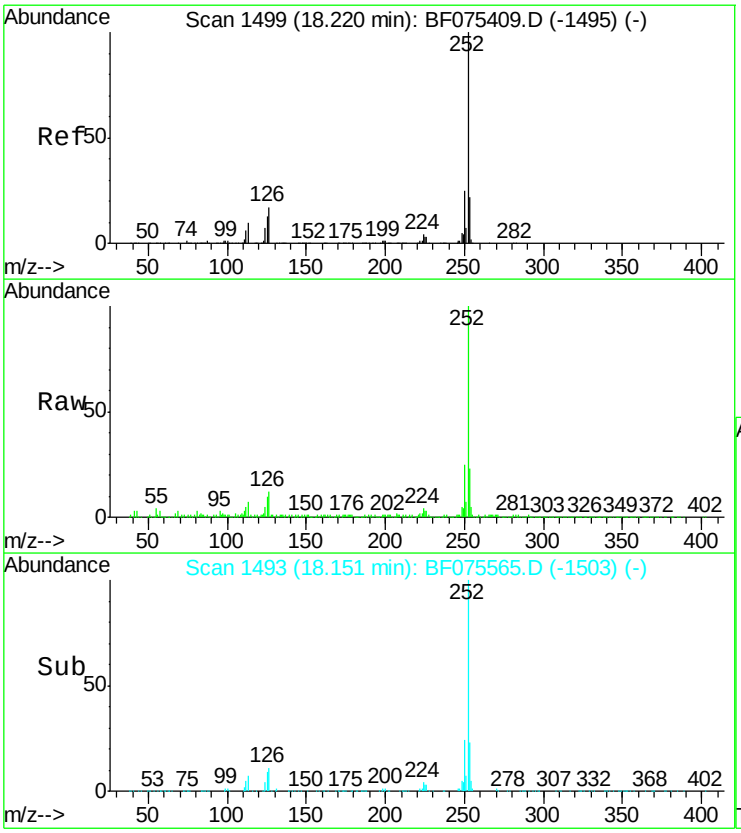
#88
Benzo(k)fluoranthene
Concen: 101.61 ng
RT: 17.75 min Scan# 1458
Delta R.T. -0.23 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:252 Resp: 1078708

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	14.2	11.6	17.4

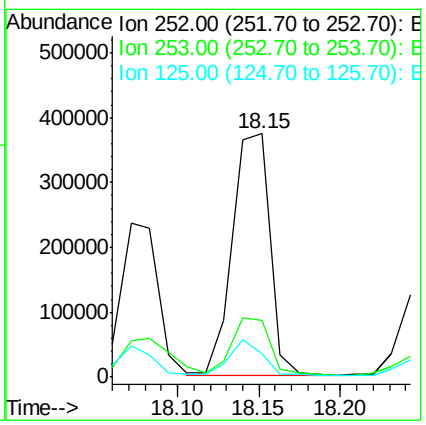


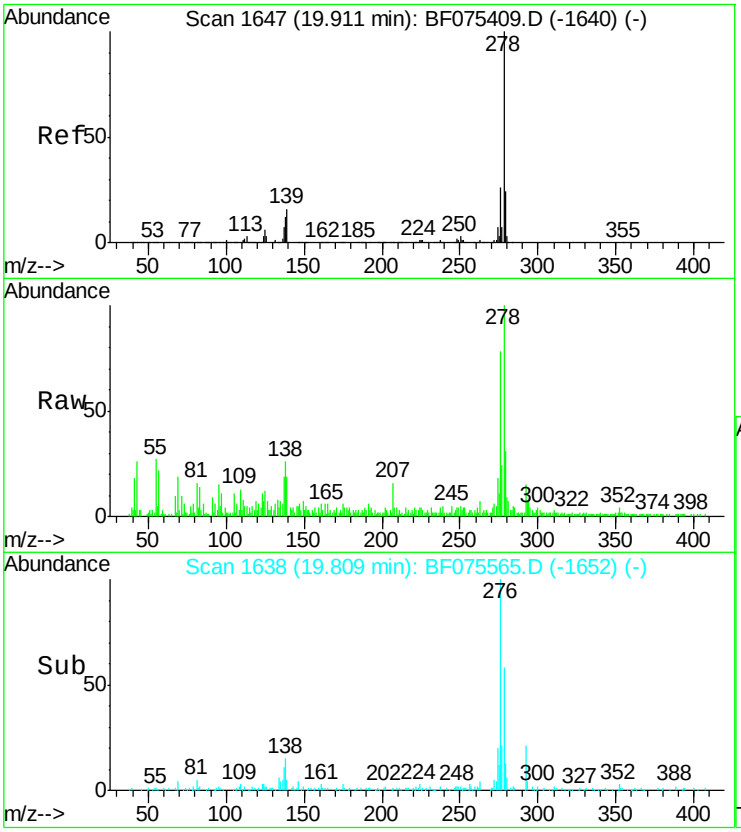


#89
Benzo(a)pyrene
Concen: 55.54 ng
RT: 18.15 min Scan# 1493
Delta R.T. -0.22 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:252 Resp: 587832

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	9.7	12.2	18.4#



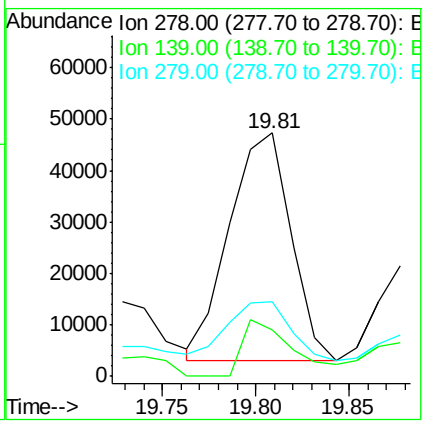


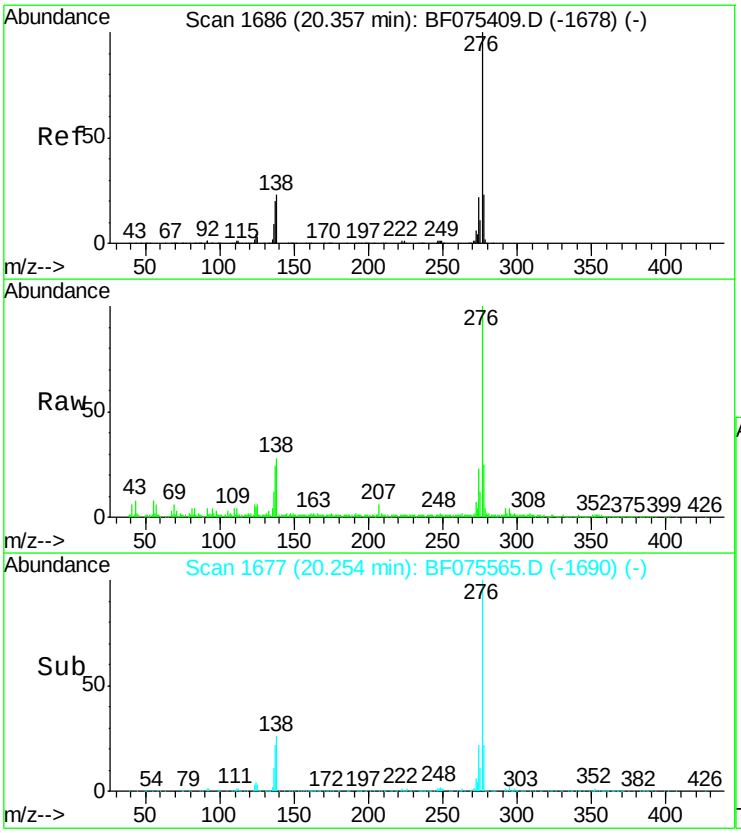
#90
Dibenzo(a,h)anthracene
Concen: 9.13 ng
RT: 19.81 min Scan# 1638
Delta R.T. -0.26 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Instrument :
BNA_F
ClientSampleId :
SB-1(4-5)

Tgt Ion:278 Resp: 100868

Ion	Ratio	Lower	Upper
278	100		
139	19.2	13.6	20.4
279	30.7	19.4	29.0#





#91
Benzo(g,h,i)perylene
Concen: 30.05 ng
RT: 20.25 min Scan# 1677
Delta R.T. -0.25 min
Lab File: BF075565.D
Acq: 16 Nov 2014 2:36

Tgt Ion:276 Resp: 316454

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.8	26.8
138	28.2	22.8	34.2