Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098969.D
Acq On : 30 Sep 2017 18:15
Operator : SJ/JU
Sample : I5563-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 30 23:27:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	174521	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	693735	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	274062	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	387668	20.00	ng		0.00
75) Chrysene-d12	14.09	240	316915	20.00	ng		0.00
86) Perylene-d12	15.59	264	264278	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1073680	97.94	ng		0.00
7) Phenol-d6	6.55	99	1299885	96.12	ng		0.00
23) Nitrobenzene-d5	7.48	82	782341	72.32	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	169768	75.70	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1273736	77.59	ng		0.00
78) Terphenyl-d14	13.03	244	759241	54.48	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.69	77	21897	2.791	ng		85
10) Phenol	6.56	94	31725	2.098	ng		97
19) n-Nitroso-di-n-propylamine	7.48	70	101590	11.765	ng	#	77
25) Isophorone	7.48	82	777270	34.753	ng	#	64
31) Naphthalene	8.22	128	81415	2.499	ng		99
49) Dimethylphthalate	9.66	163	224485	10.853	ng		100
56) 2,4-Dinitrotoluene	9.95	165	35651	6.100	ng	#	23
57) Fluorene	10.50	166	41681	2.271	ng		94
66) 4-Bromophenyl-phenylether	10.75	248	11804	3.111	ng	#	1
70) Phenanthrene	11.47	178	452347	21.799	ng		98
71) Anthracene	11.52	178	114681	5.401	ng		98
72) Carbazole	11.67	167	54124	2.603	ng		98
74) Fluoranthene	12.66	202	708649	33.725	ng		97
77) Pyrene	12.89	202	616404	25.507	ng		99
80) Benzo(a)anthracene	14.07	228	300770	15.673	ng		96
82) Chrysene	14.11	228	289899	15.868	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	122021	8.349	ng		98
87) Benzo(b)fluoranthene	15.14	252	476445	29.322	ng	#	95
88) Benzo(k)fluoranthene	15.14	252	476445	29.687	ng		98
89) Benzo(a)pyrene	15.52	252	235945	15.819	ng		97
90) Dibenzo(a,h)anthracene	17.10	278	29062	2.435	ng	#	85
91) Benzo(g,h,i)perylene	17.56	276	116568	9.879	ng		92

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

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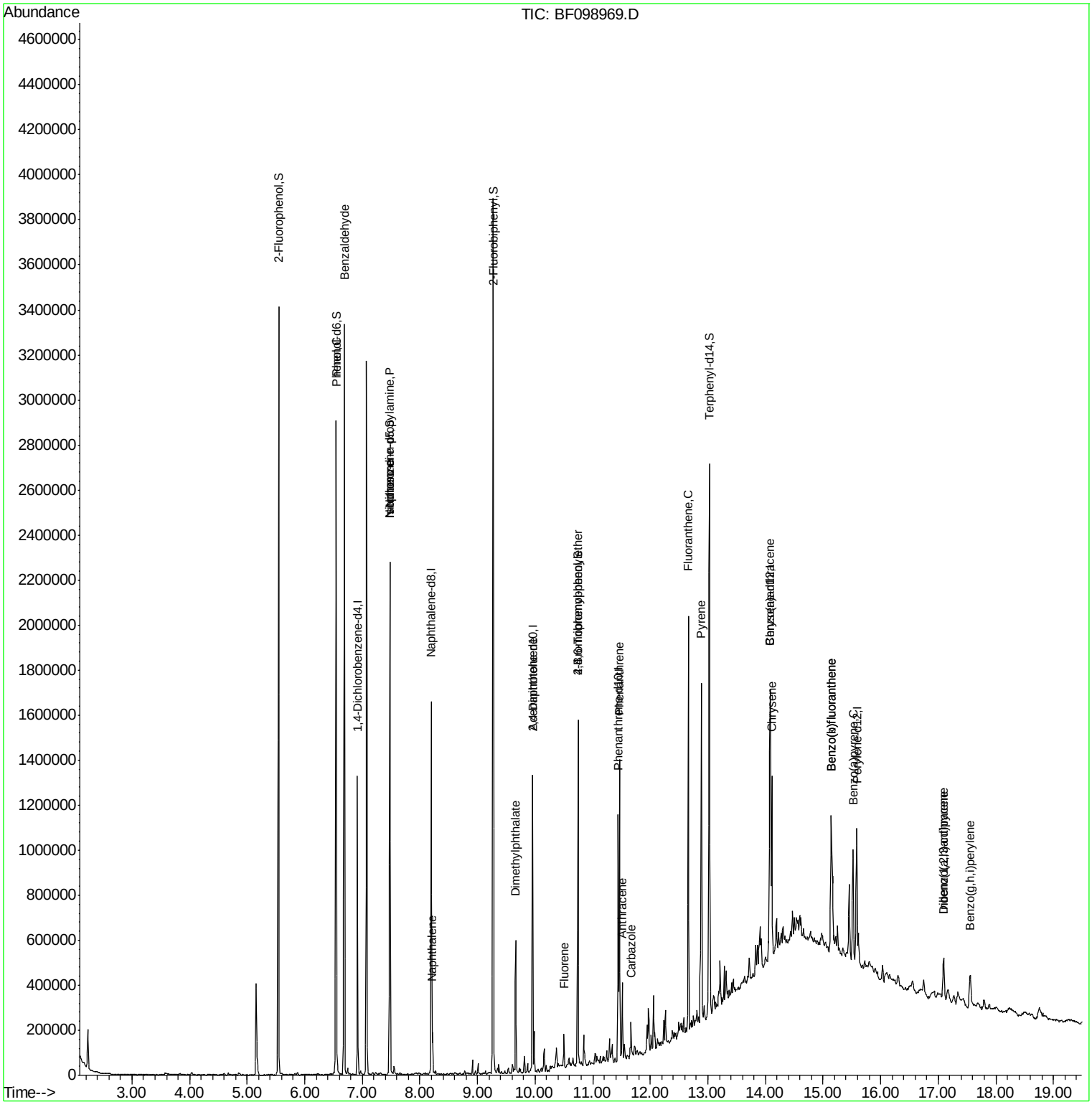
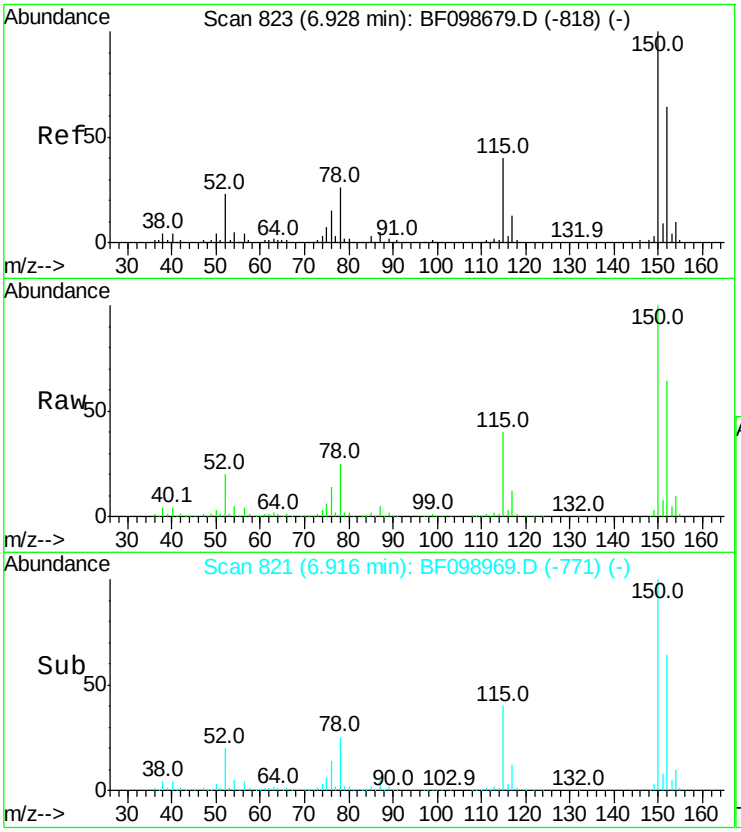
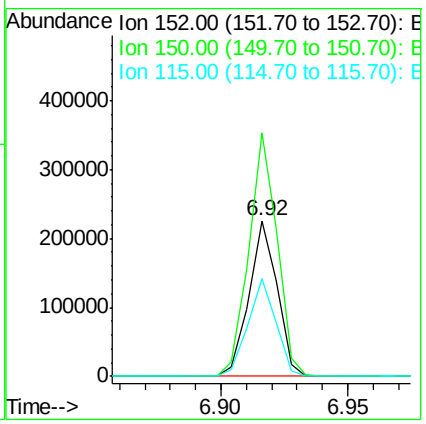




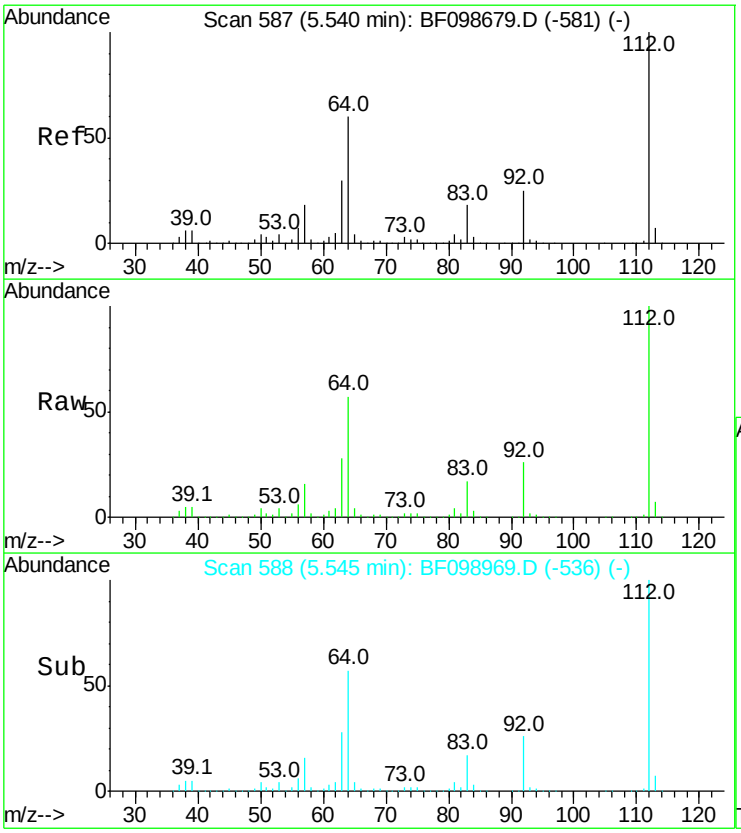
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:152 Resp: 174521

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	62.5	50.1	75.1



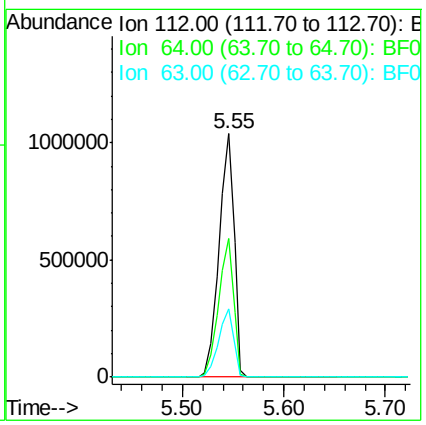
Instrument :
BNA_F
ClientSampleId :

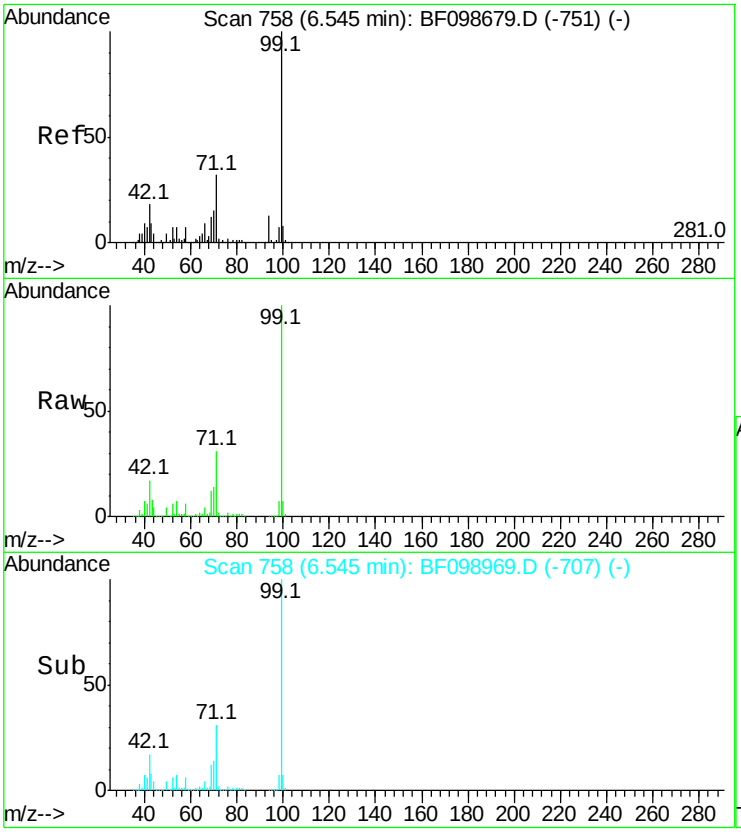


#5
2-Fluorophenol
Concen: 97.936 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:112 Resp: 1073680

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	27.8	23.7	35.5



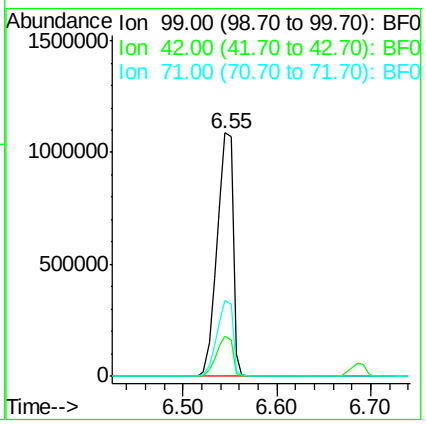


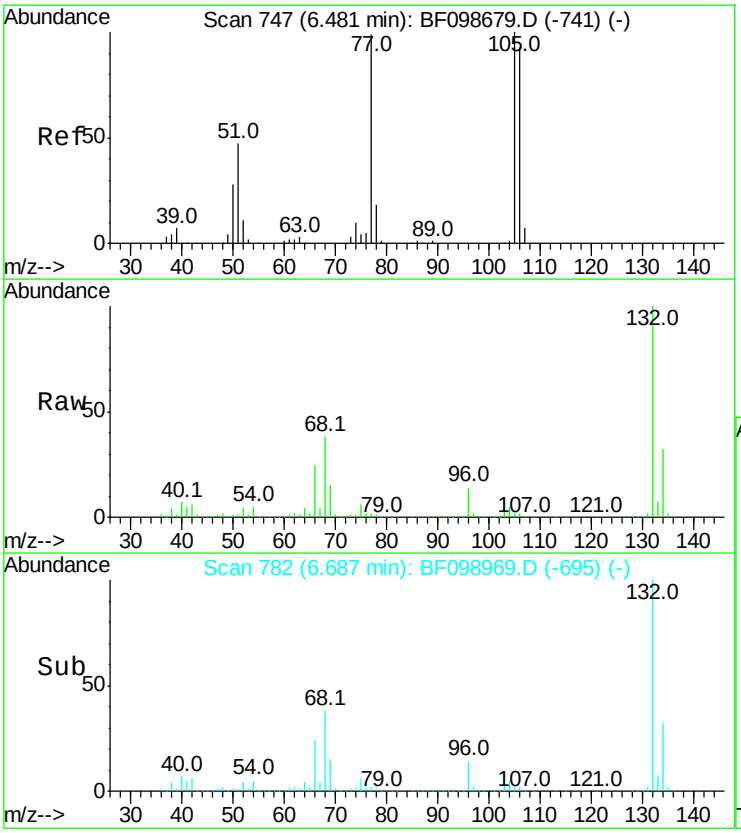
#7
Phenol-d6
Concen: 96.116 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1299885

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	31.2	25.4	38.0

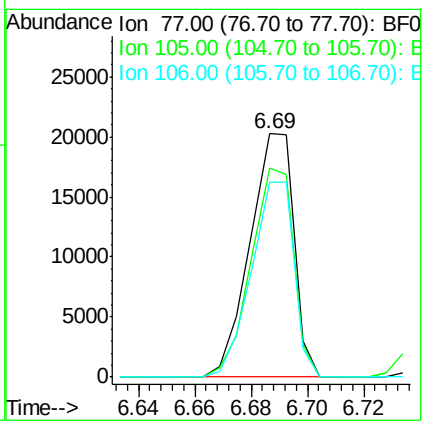


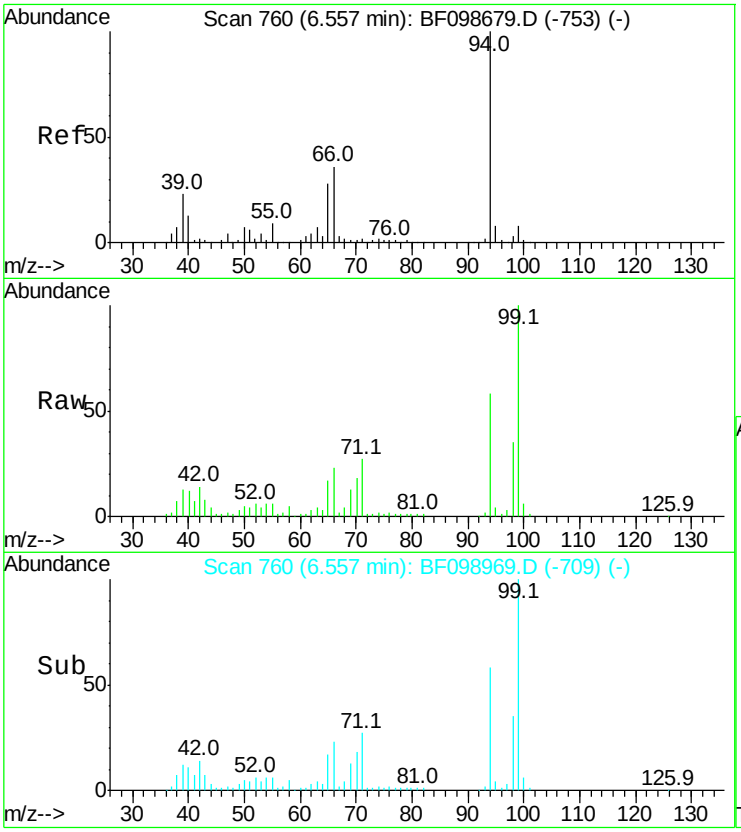


#9
Benzaldehyde
Concen: 2.791 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.21 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion: 77 Resp: 21897

Ion	Ratio	Lower	Upper
77	100		
105	86.0	81.1	121.1
106	79.8	74.5	114.5



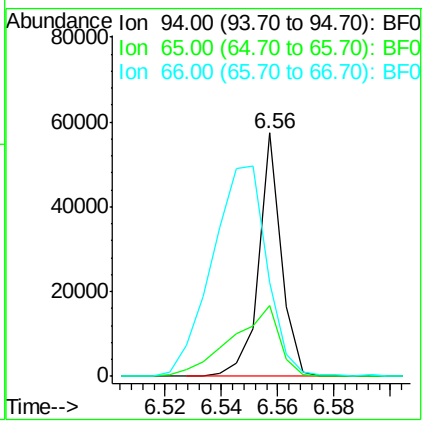


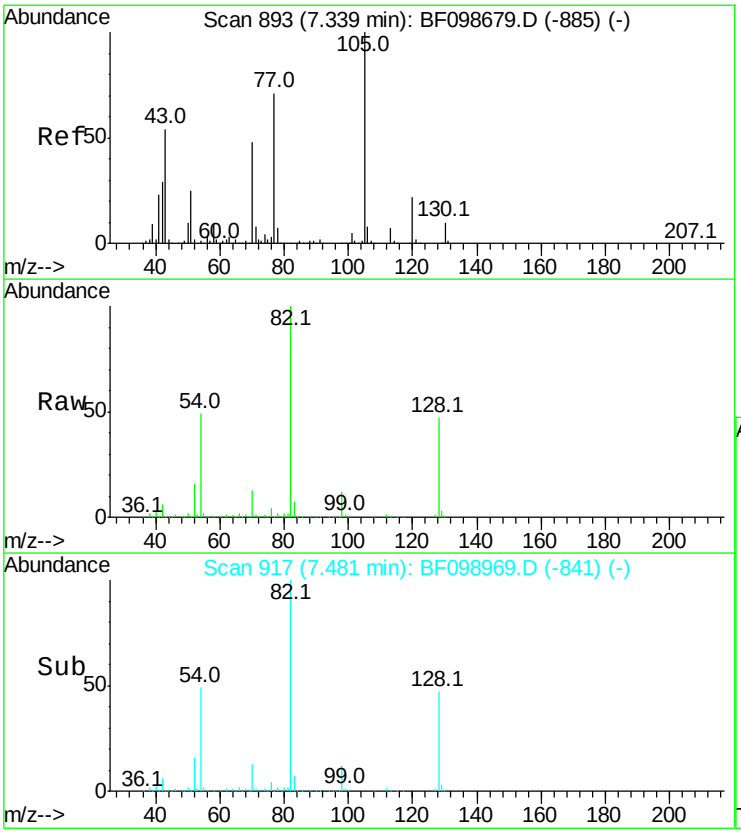
#10
Phenol
Concen: 2.098 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 31725

Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	38.7	16.2	56.2

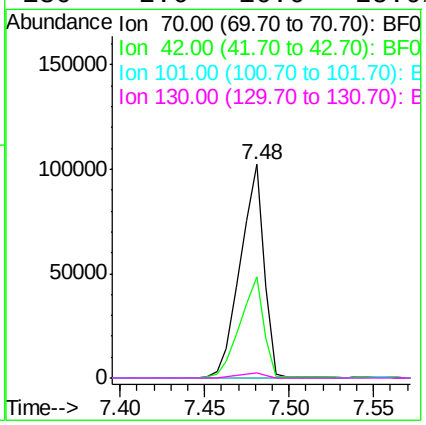


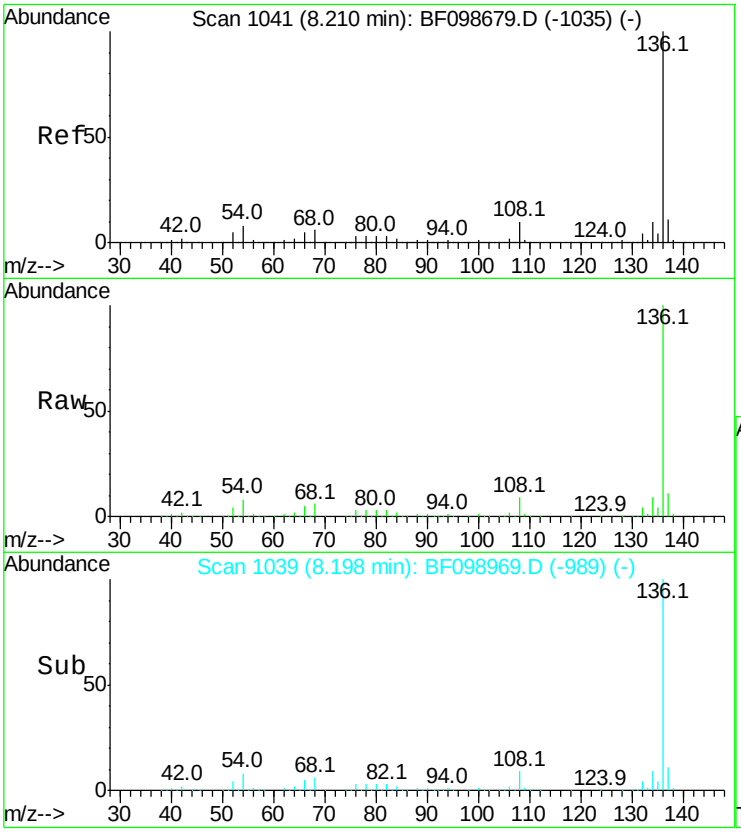


#19
n-Nitroso-di-n-propylamine
Concen: 11.765 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion: 70 Resp: 101590

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



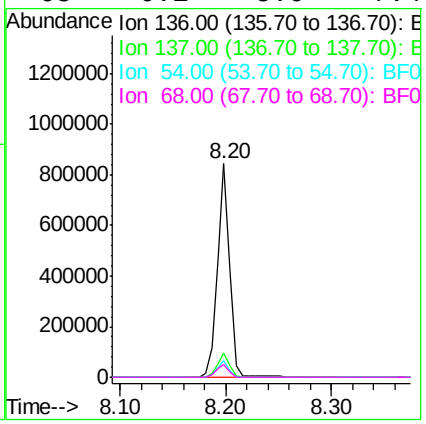


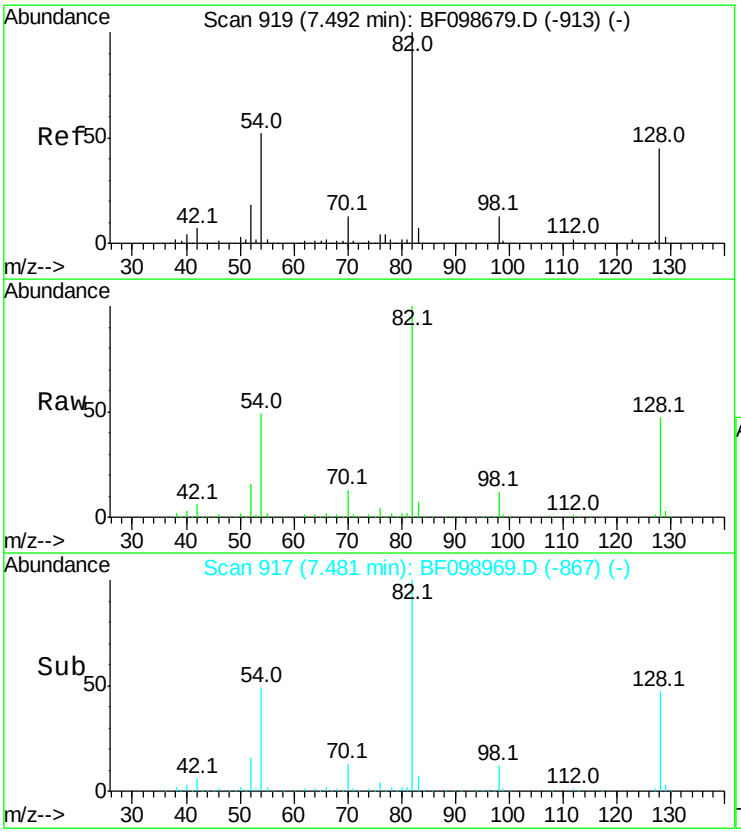
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 693735

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.7	6.6	9.8
68	6.1	5.0	7.4

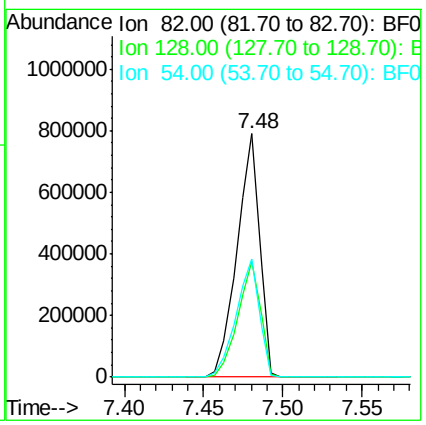


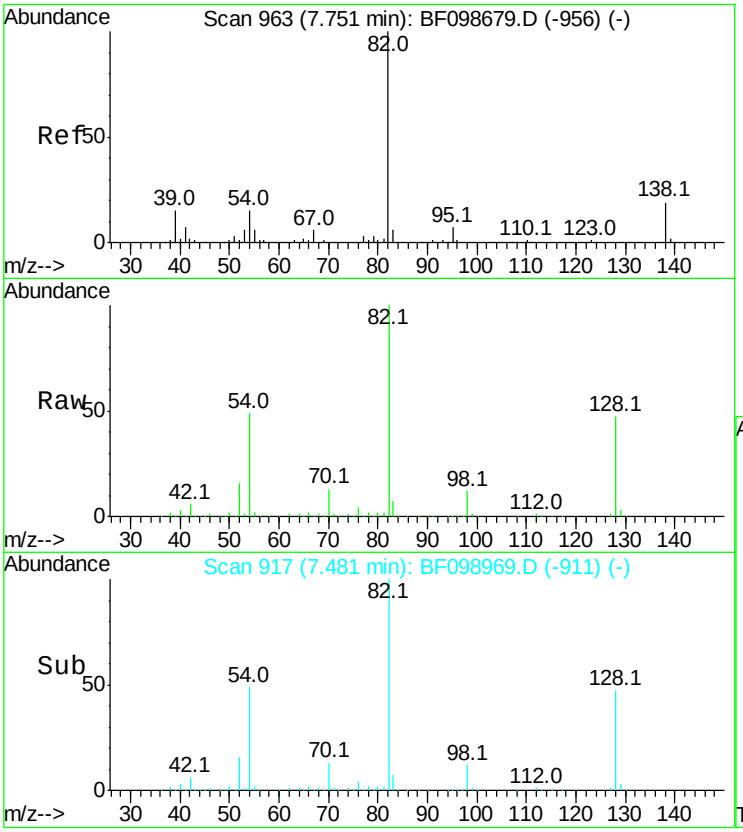


#23
Nitrobenzene-d5
Concen: 72.321 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion: 82 Resp: 782341

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	48.7	41.4	62.2



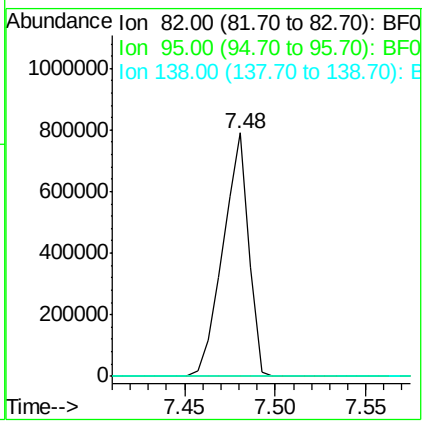


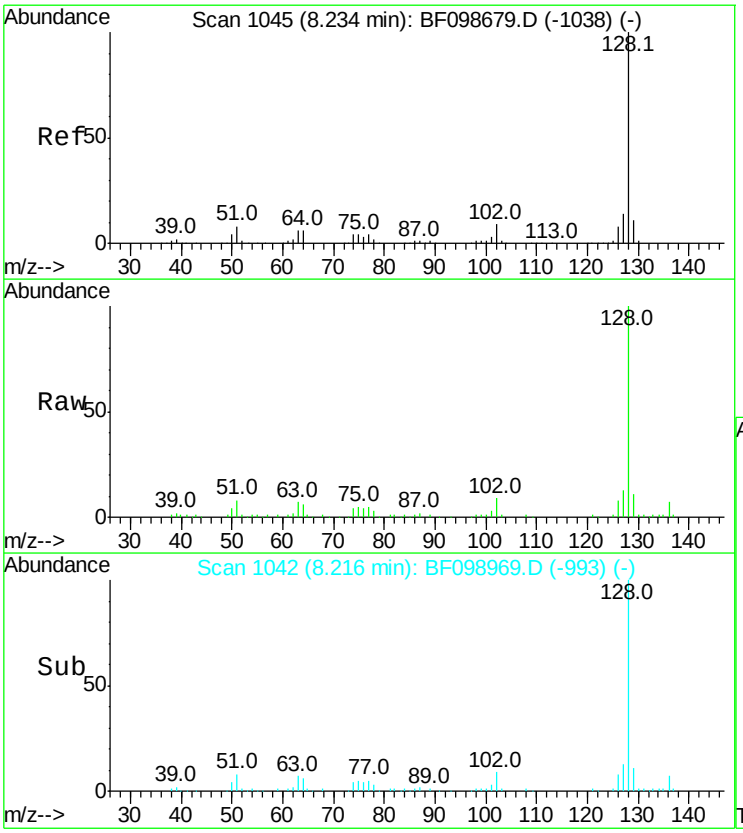
#25
Isophorone
Concen: 34.753 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.26 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 777270

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

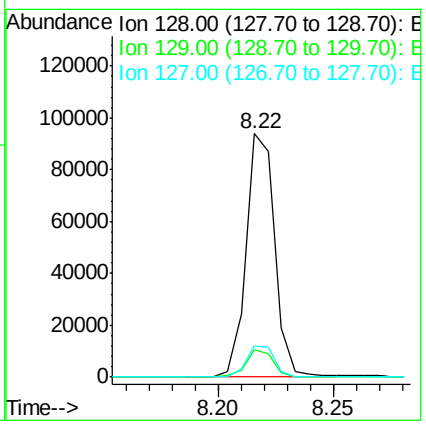


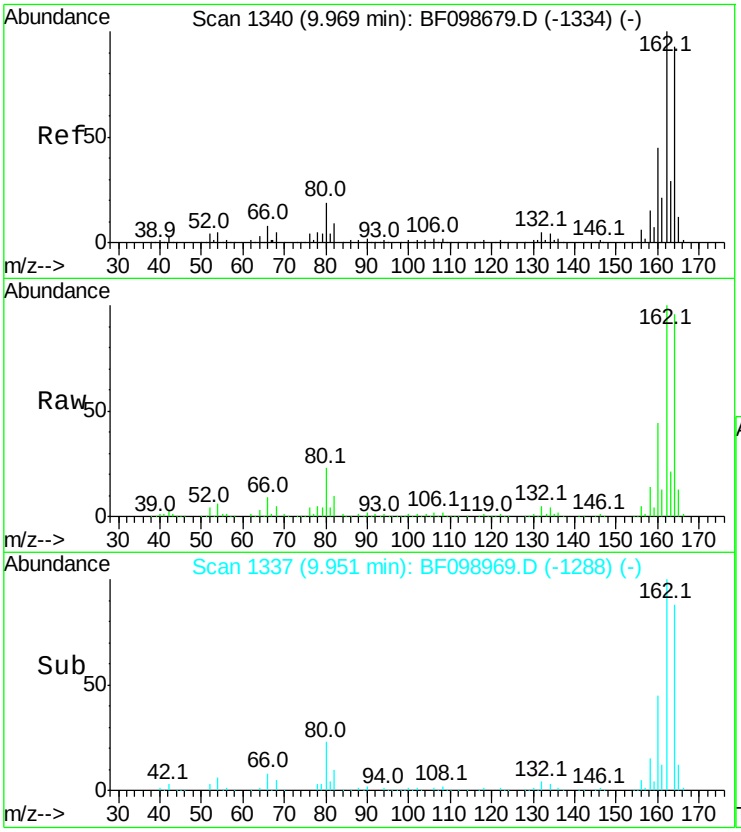


#31
Naphthalene
Concen: 2.499 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:128 Resp: 81415

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.8	10.9	16.3



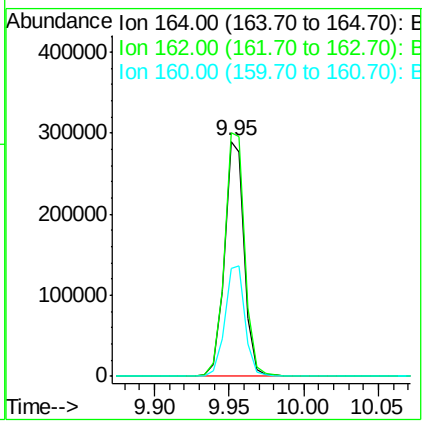


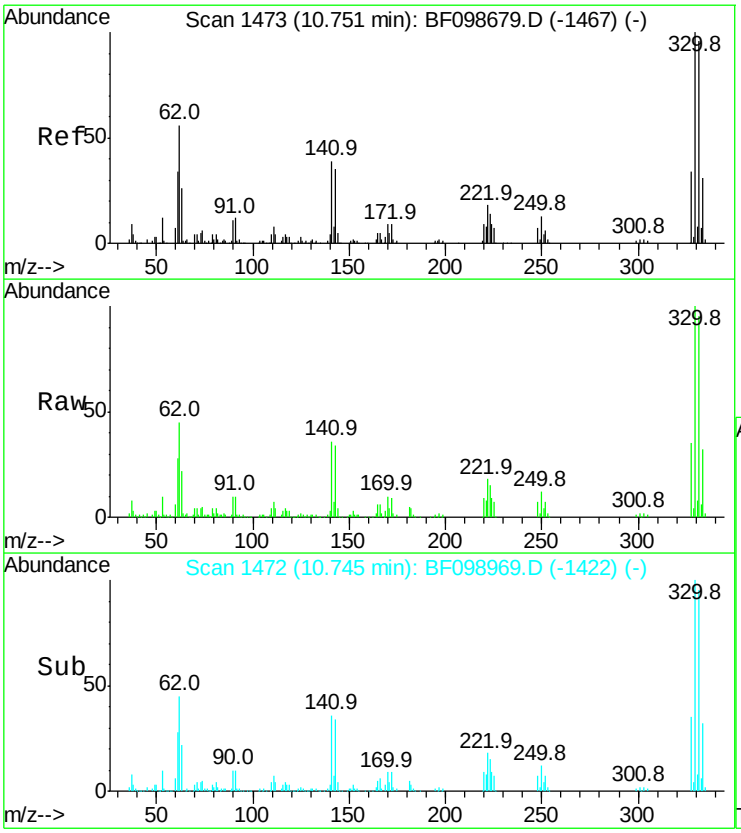
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 274062

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.8	38.3	57.5

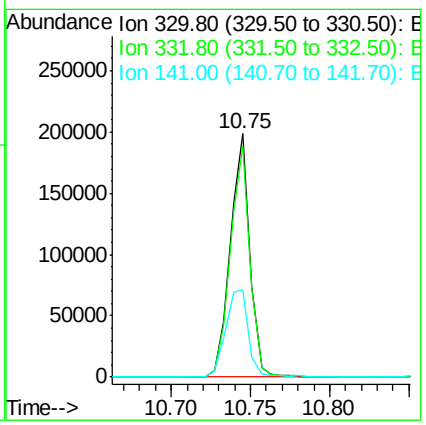


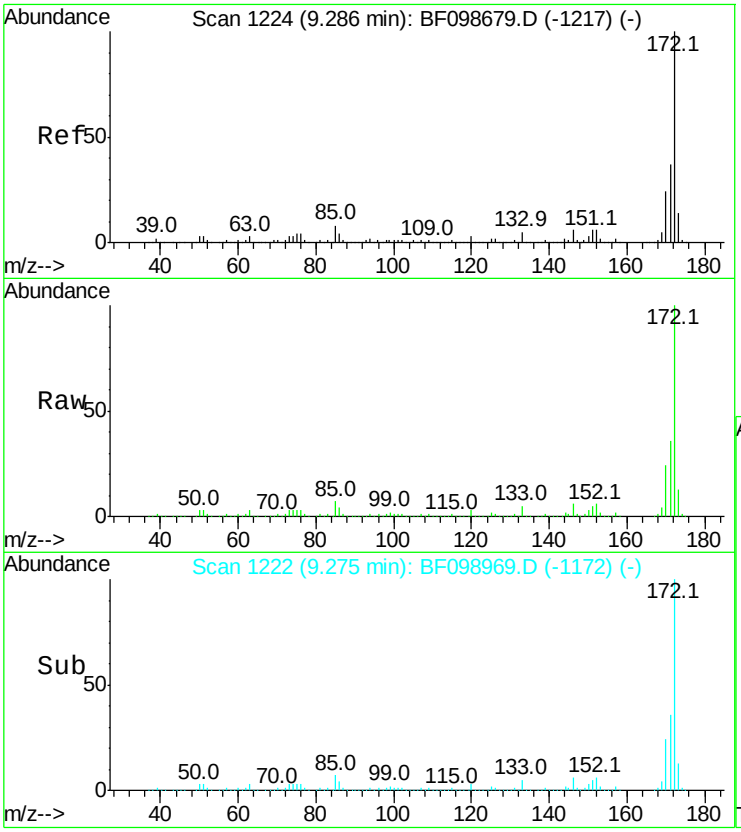


#41
2,4,6-Tribromophenol
Concen: 75.702 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:330 Resp: 169768

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	42.1	29.9	44.9



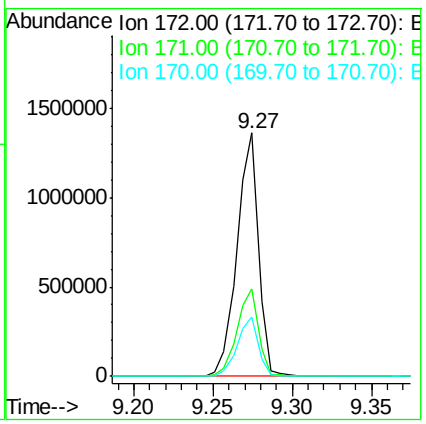


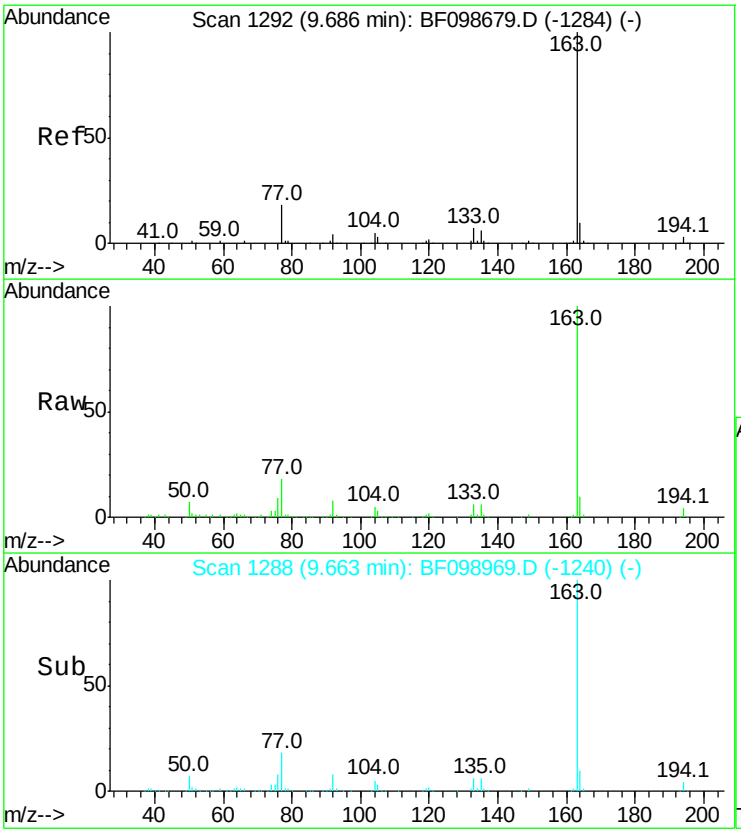
#44
2-Fluorobiphenyl
Concen: 77.588 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1273736

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

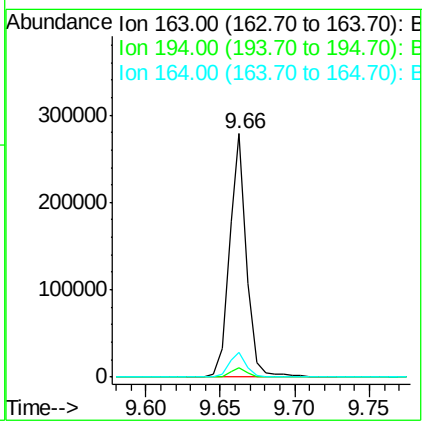


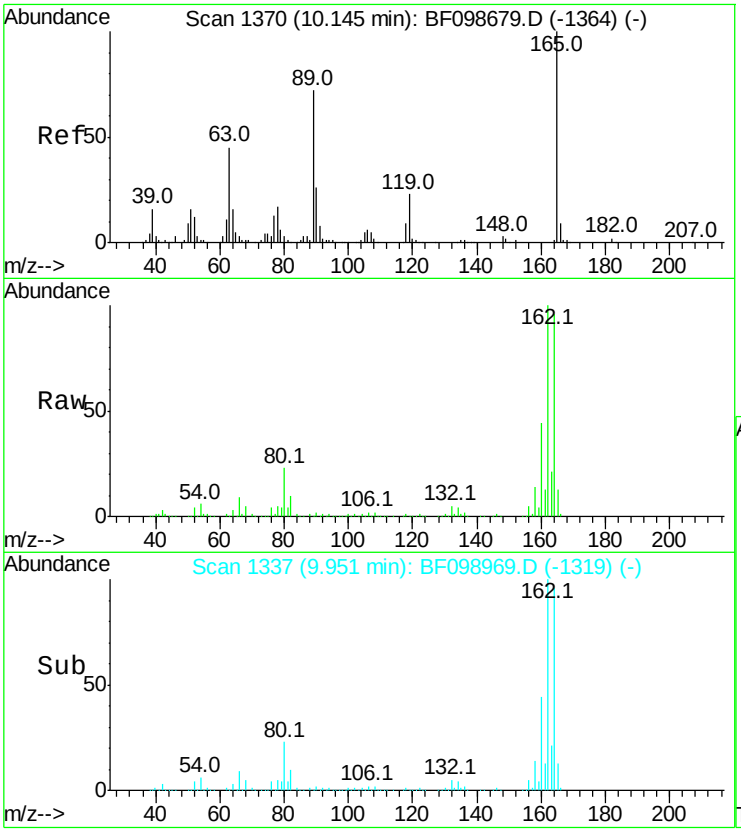


#49
Dimethylphthalate
Concen: 10.853 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:163 Resp: 224485

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2



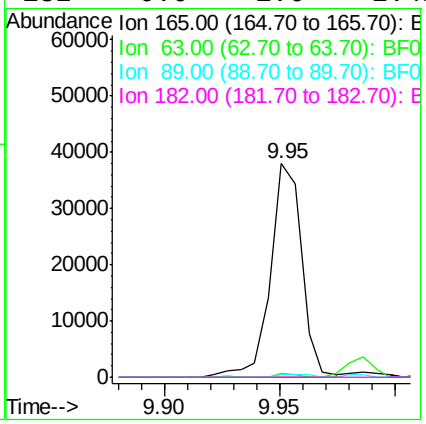


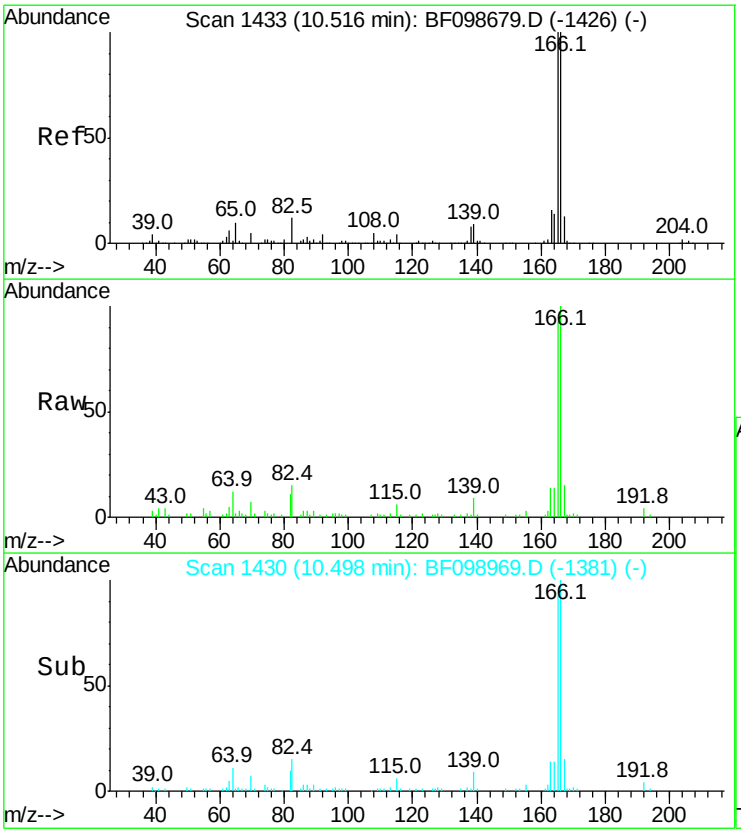
#56
2,4-Dinitrotoluene
Concen: 6.100 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35651

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

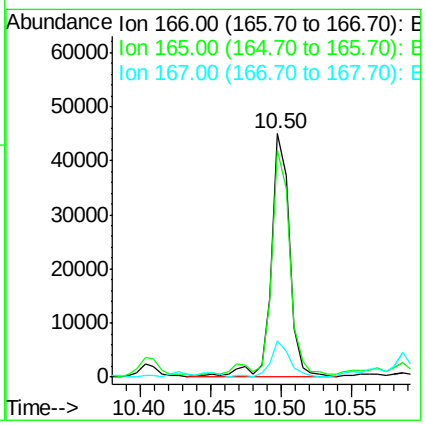


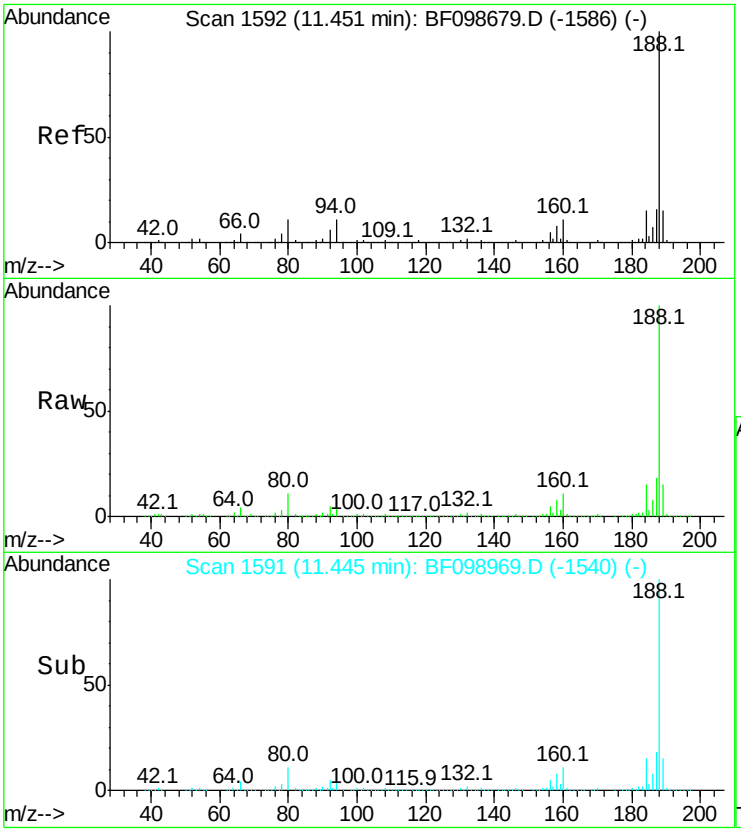


#57
Fluorene
Concen: 2.271 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:166 Resp: 41681

Ion	Ratio	Lower	Upper
166	100		
165	93.3	79.8	119.8
167	15.1	10.6	16.0



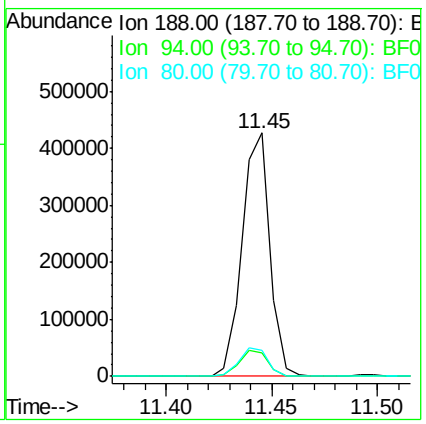


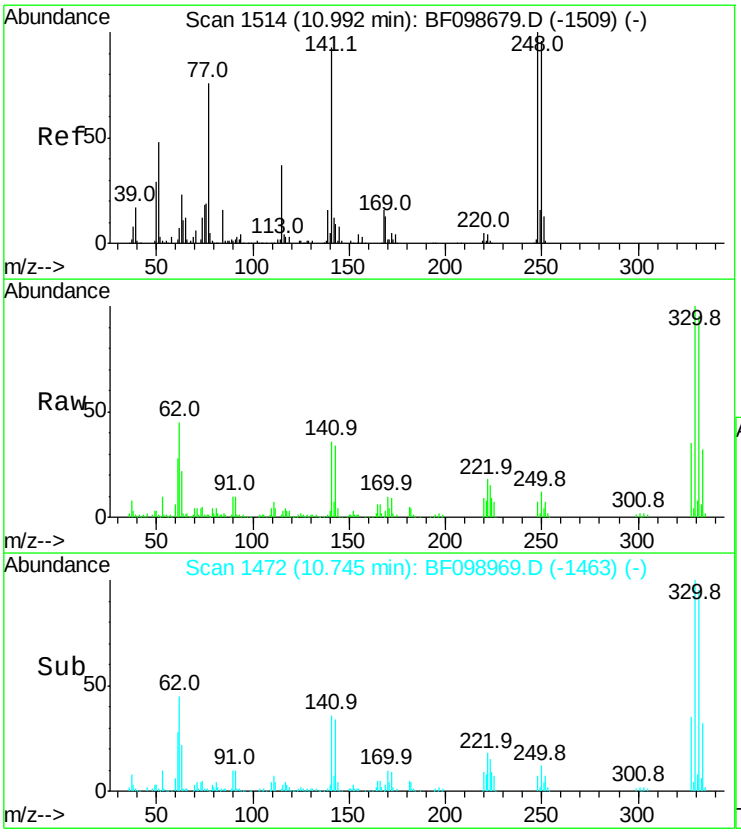
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 387668

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.7	9.2	13.8

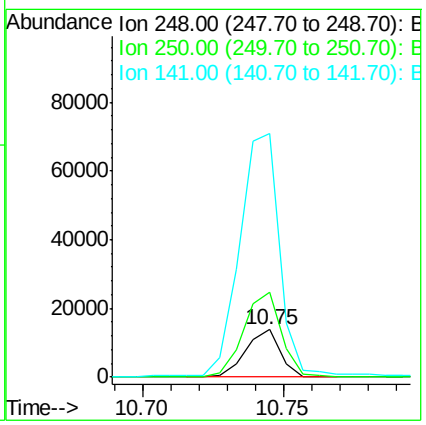


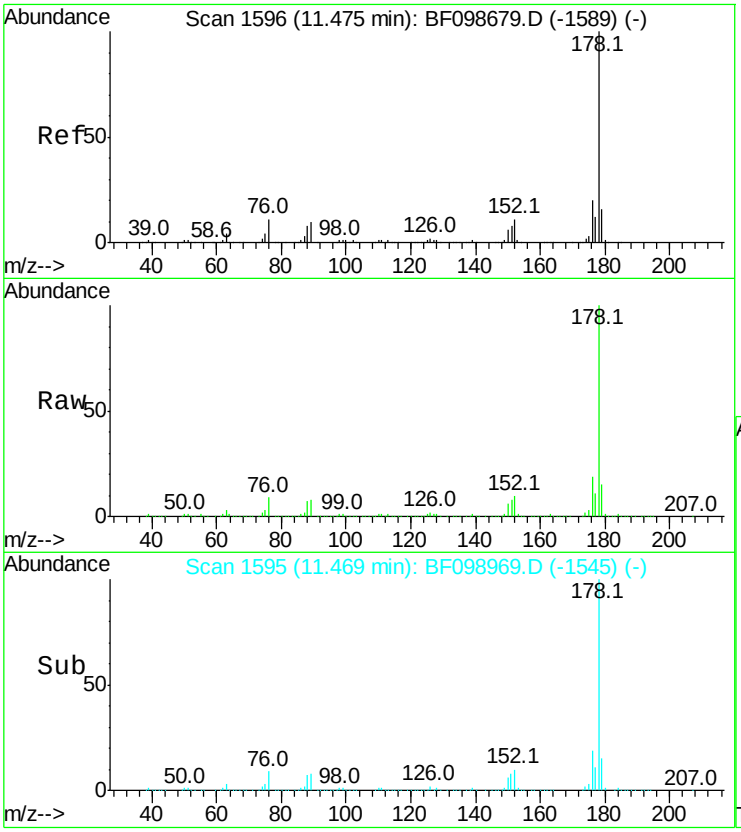


#66
4-Bromophenyl-phenylether
Concen: 3.111 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:248 Resp: 11804

Ion	Ratio	Lower	Upper
248	100		
250	177.6	76.9	115.3#
141	510.8	74.4	111.6#



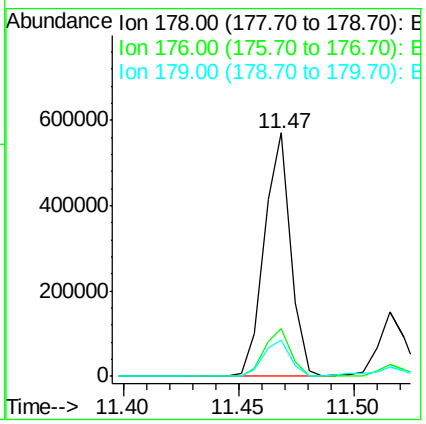


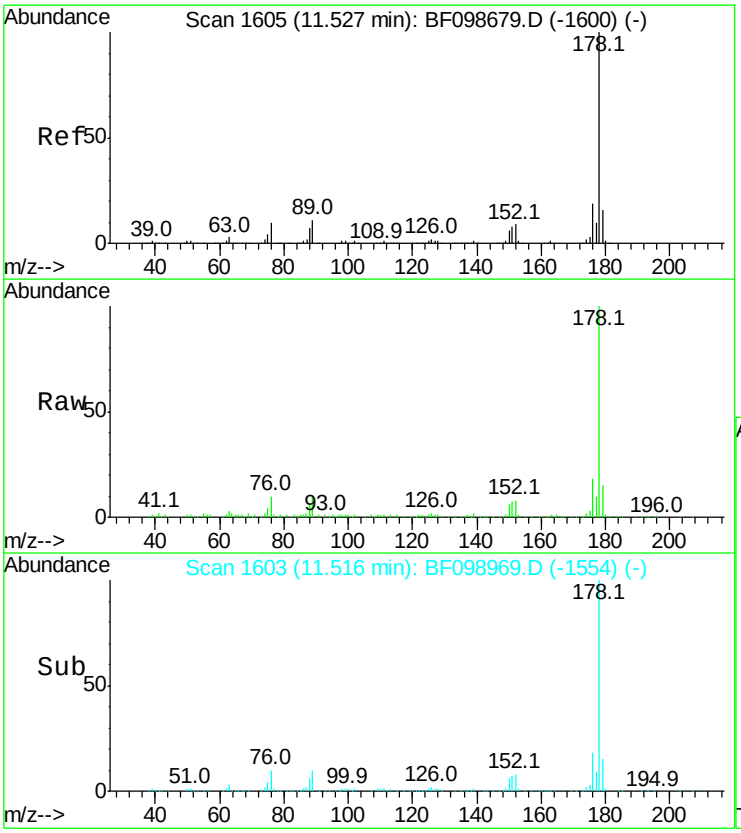
#70
Phenanthrene
Concen: 21.799 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 452347

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	14.8	13.0	19.6

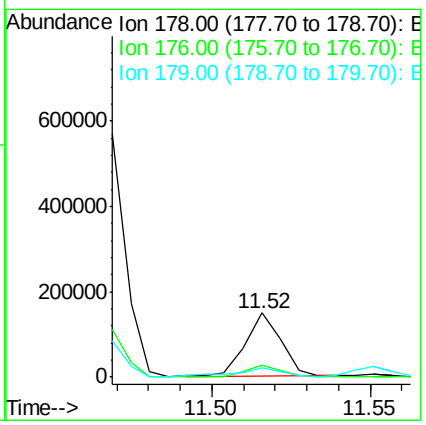


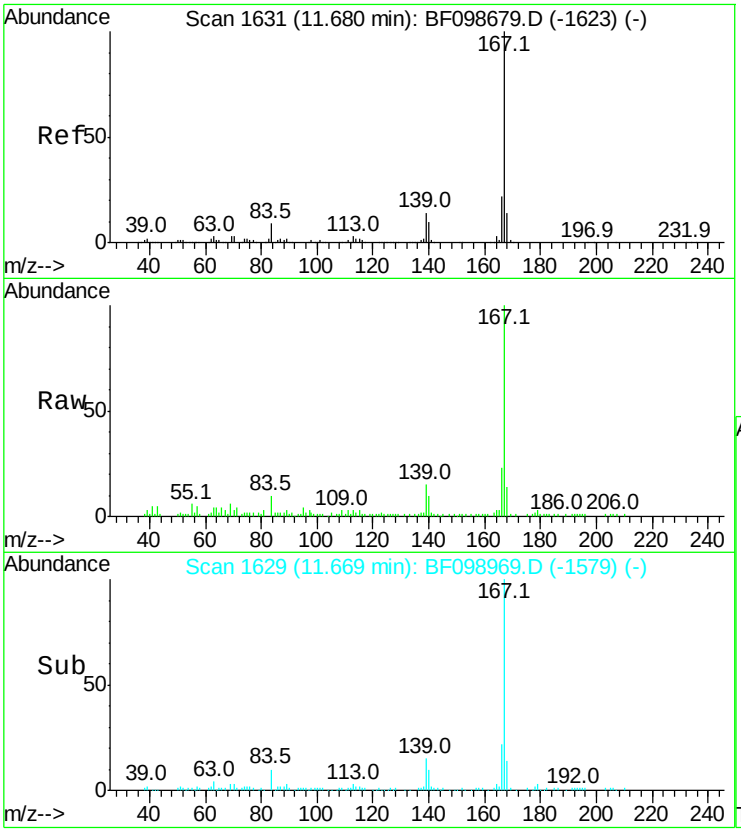


#71
Anthracene
Concen: 5.401 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:178 Resp: 114681

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.0	12.6	19.0



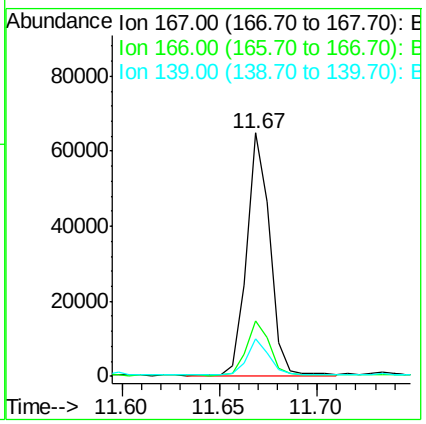


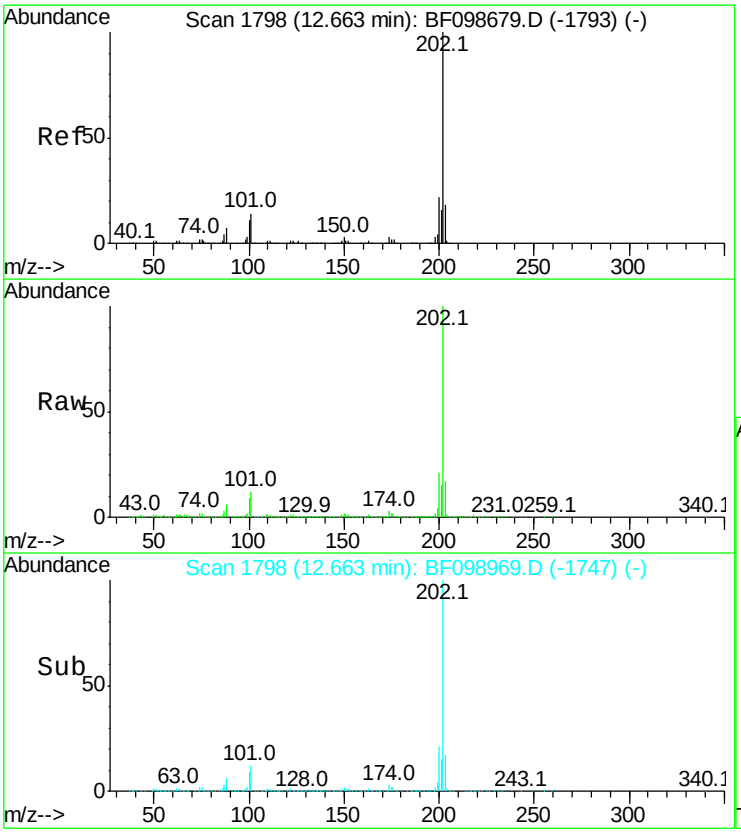
#72
Carbazole
Concen: 2.603 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 54124

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	15.3	10.9	16.3

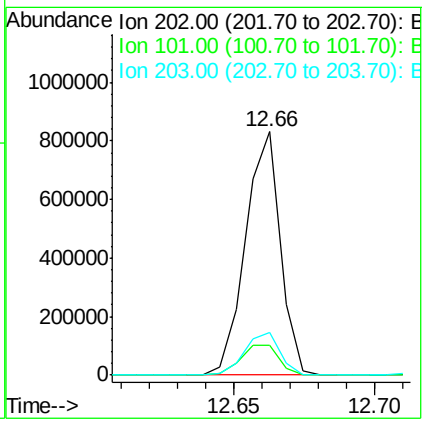


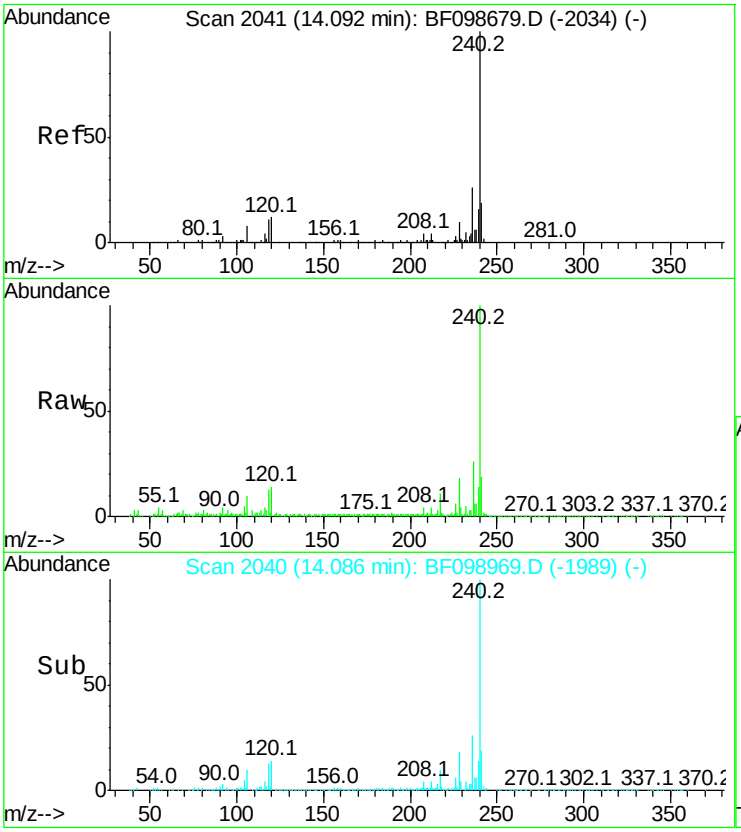


#74
Fluoranthene
Concen: 33.725 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:202 Resp: 708649

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.3	0.0	38.1



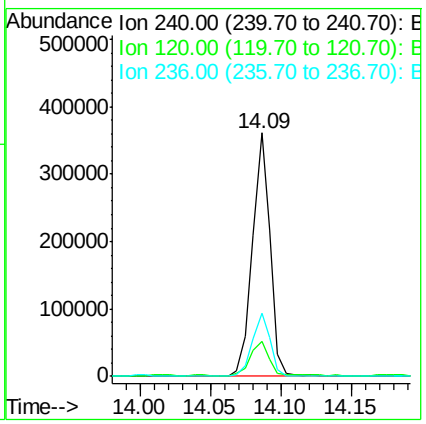


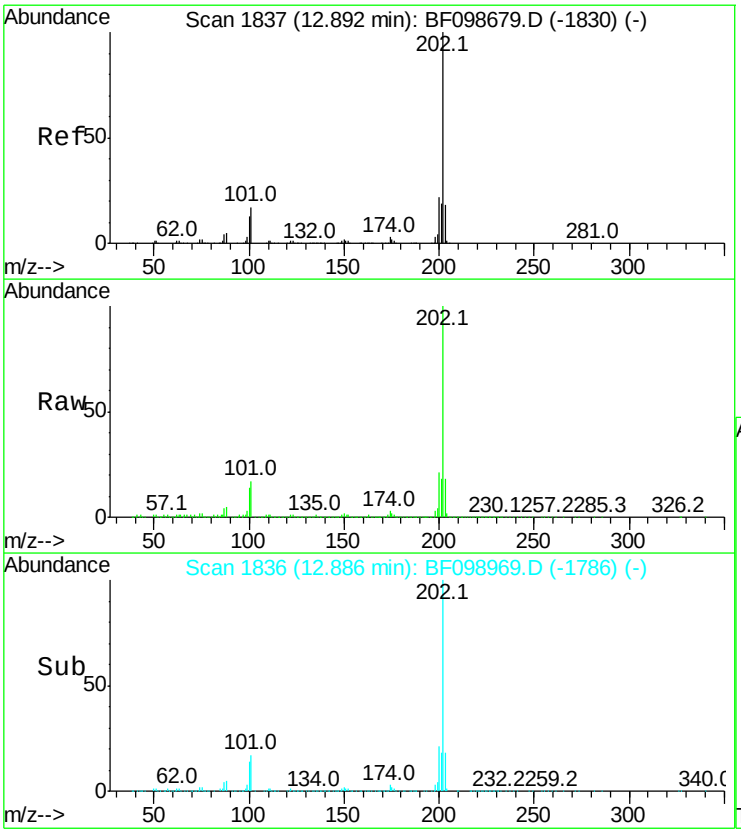
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 316915

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	25.9	20.7	31.1

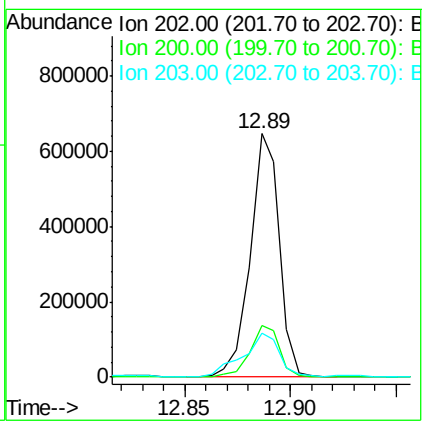


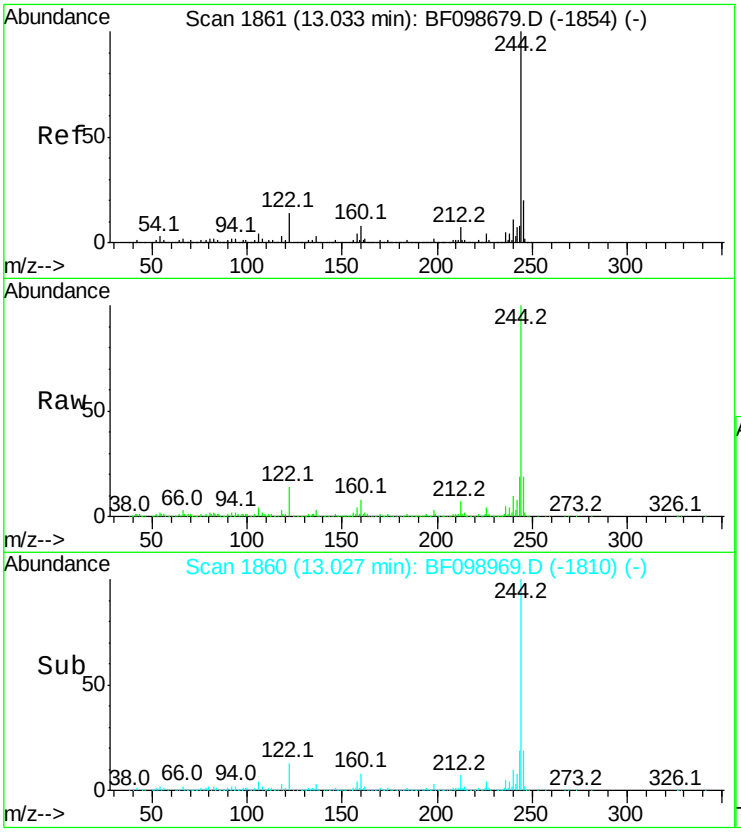


#77
Pyrene
Concen: 25.507 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:202 Resp: 616404

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.9	14.3	21.5



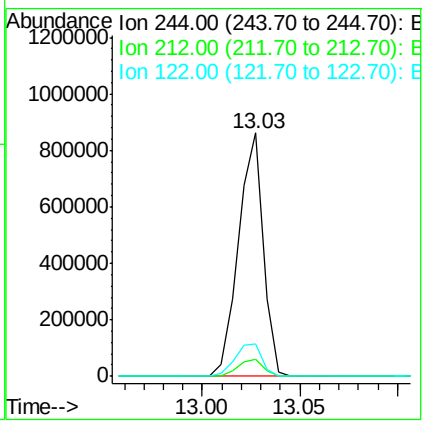


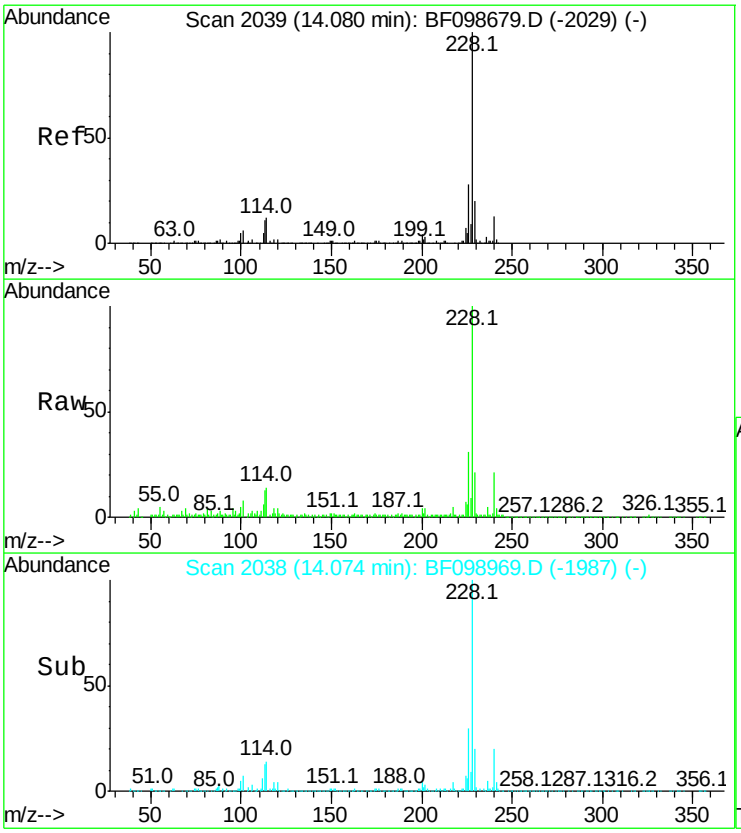
#78
Terphenyl-d14
Concen: 54.484 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 759241

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.5	11.0	16.4

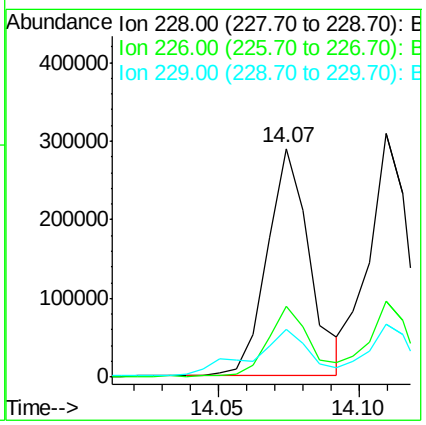


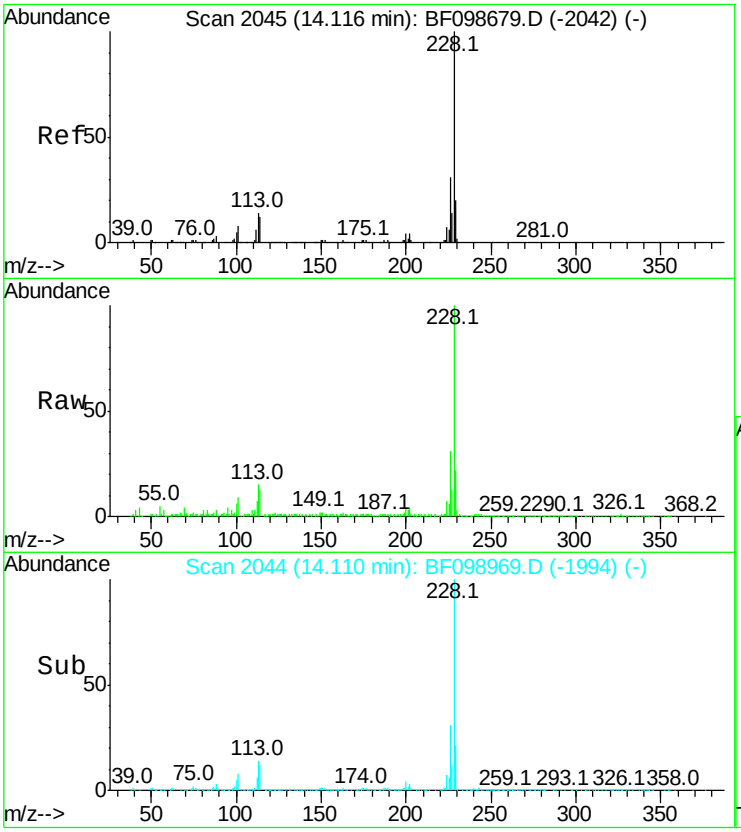


#80
Benzo(a)anthracene
Concen: 15.673 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:228 Resp: 300770

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	20.7	15.8	23.6



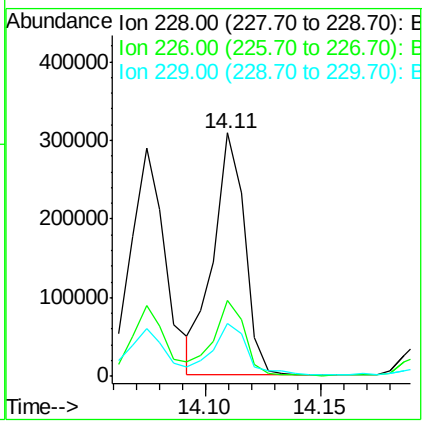


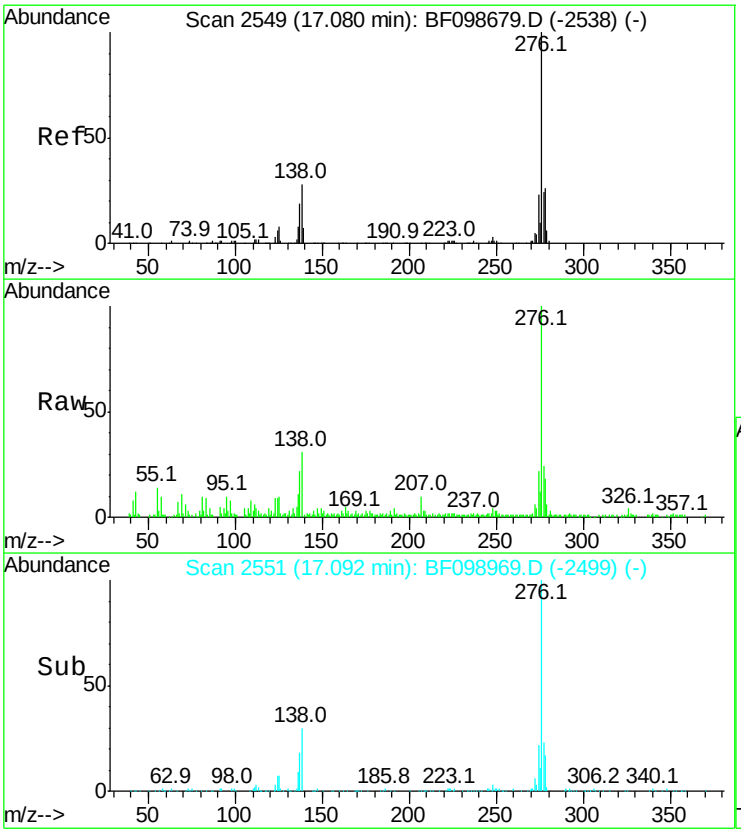
#82
Chrysene
Concen: 15.868 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 289899

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	21.9	16.2	24.4

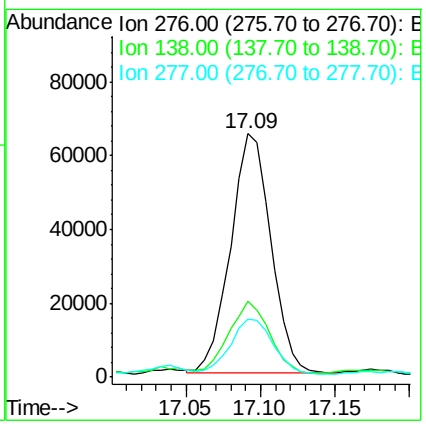


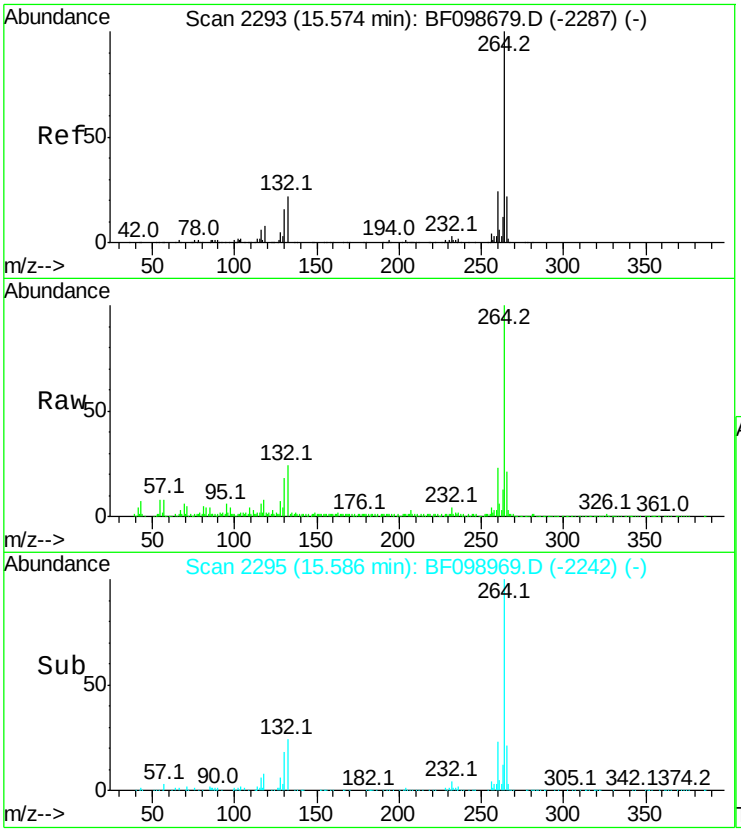


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.349 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:276 Resp: 122021

Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	24.4	20.1	30.1



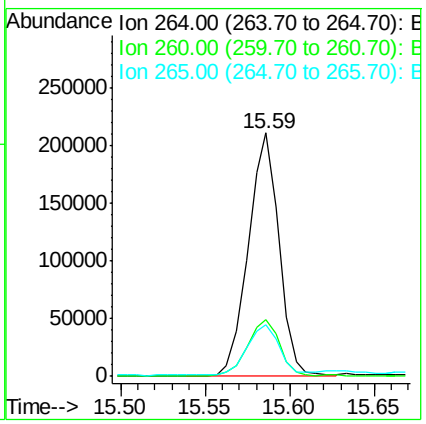


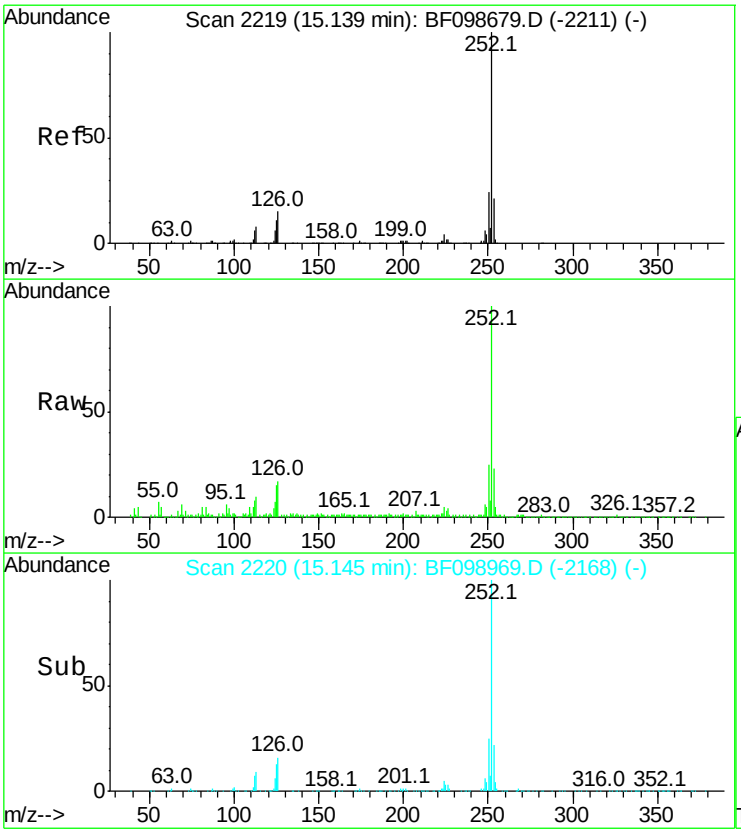
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 264278

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3

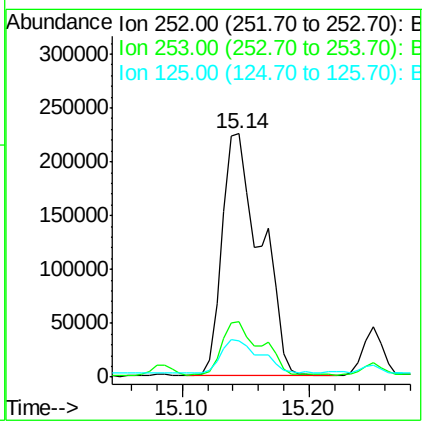


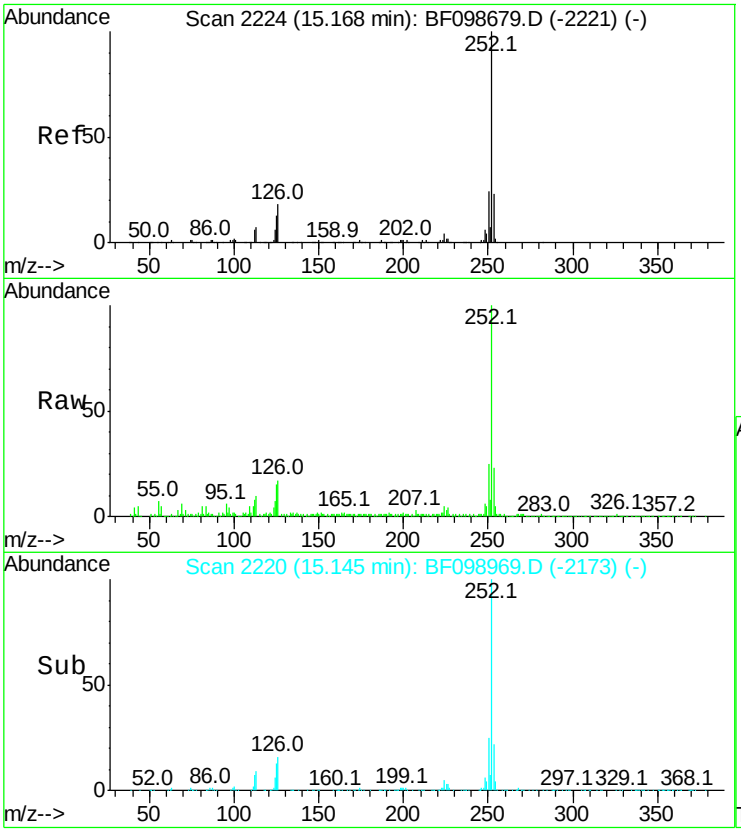


#87
Benzo(b)fluoranthene
Concen: 29.322 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:252 Resp: 476445

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	15.0	9.0	13.6#



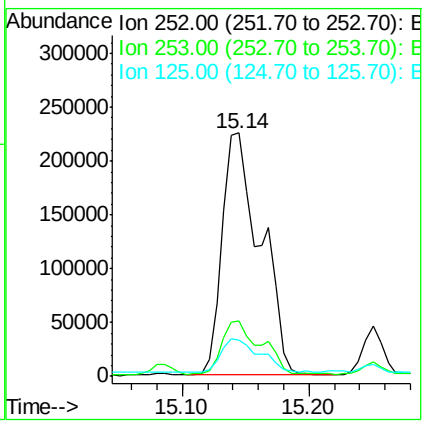


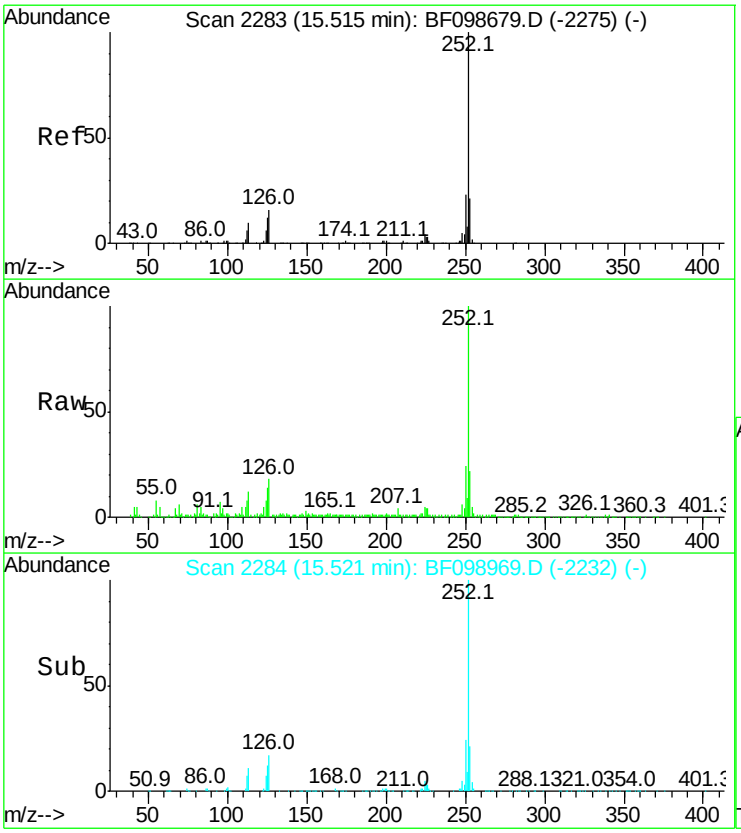
#88
Benzo(k)fluoranthene
Concen: 29.687 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 476445

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	15.0	10.2	15.2

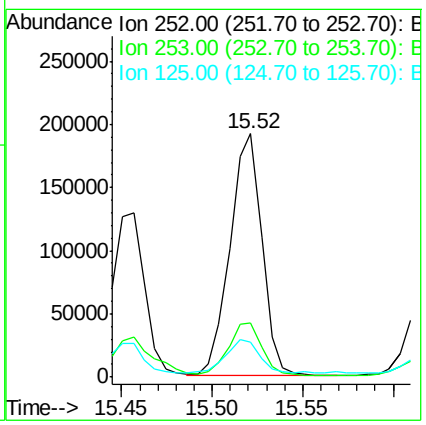


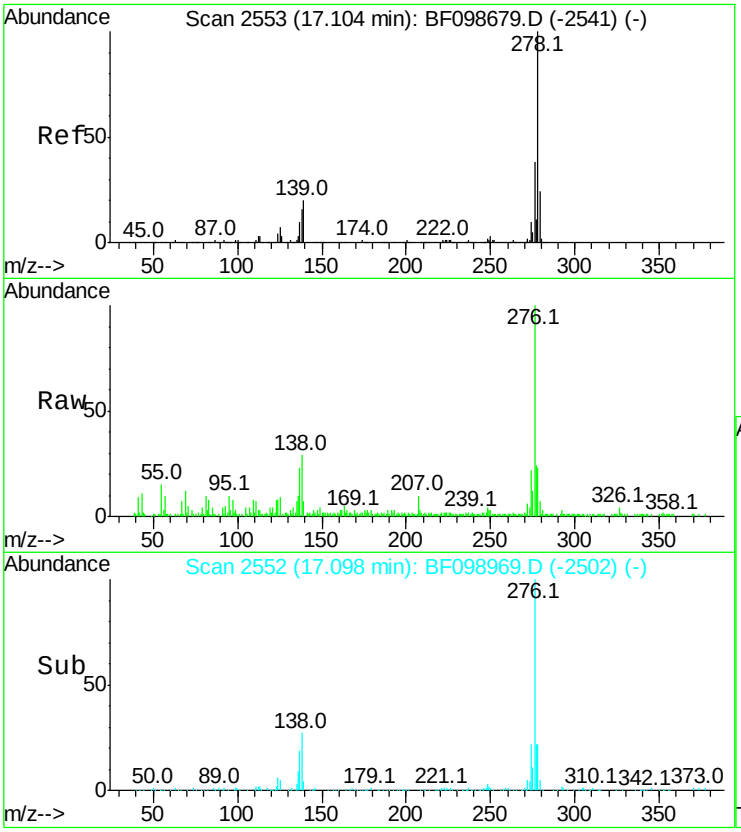


#89
Benzo(a)pyrene
Concen: 15.819 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:252 Resp: 235945

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.5	9.8	14.6



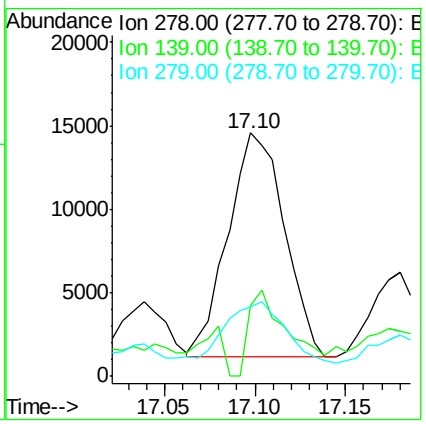


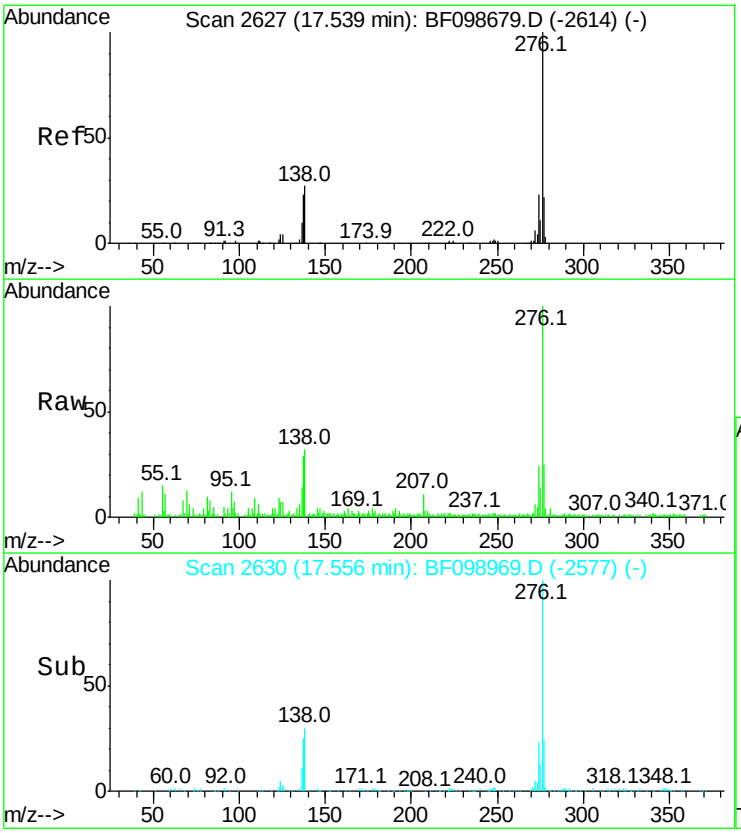
#90
Dibenzo(a,h)anthracene
Concen: 2.435 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 29062

Ion	Ratio	Lower	Upper
278	100		
139	28.9	15.9	23.9#
279	28.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.879 ng
RT: 17.56 min Scan# 2630
Delta R.T. 0.01 min
Lab File: BF098969.D
Acq: 30 Sep 2017 18:15

Tgt Ion:276 Resp: 116568

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	32.4	21.8	32.8