Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
Data File : BF098933.D
Acq On : 29 Sep 2017 3:36
Operator : SJ/JU
Sample : I5515-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 29 04:03:07 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	114608	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	402097	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	141638	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	244251	20.00	ng		0.00
75) Chrysene-d12	14.09	240	222627	20.00	ng		0.00
86) Perylene-d12	15.59	264	169075	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	168979	23.47	ng		-0.01
7) Phenol-d6	6.53	99	186550	21.00	ng		-0.01
23) Nitrobenzene-d5	7.47	82	101277	16.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	22324	19.26	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	168968	19.92	ng		-0.01
78) Terphenyl-d14	13.03	244	151164	15.44	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	13757	2.43	ng	#	87
25) Isophorone	7.47	82	101275	7.81	ng	#	64
31) Naphthalene	8.22	128	482140	25.53	ng		100
33) 4-Chloroaniline	8.22	127	64511	8.18	ng	#	35
37) 2-Methylnaphthalene	8.91	142	121095	9.86	ng		100
45) 1,1'-Biphenyl	9.37	154	32808	2.70	ng		97
48) Acenaphthylene	9.82	152	80008	5.72	ng		99
49) Dimethylphthalate	9.66	163	21810	2.04	ng	#	98
50) 2,6-Dinitrotoluene	9.95	165	23335	10.03	ng	#	26
51) Acenaphthene	9.99	154	190163	21.46	ng		100
54) Dibenzofuran	10.16	168	223898	18.97	ng		96
55) 4-Nitrophenol	10.16	139	88578	38.60	ng	#	11
57) Fluorene	10.50	166	285863	30.14	ng		99
70) Phenanthrene	11.47	178	1750143	133.86	ng		99
71) Anthracene	11.52	178	656373	49.07	ng		100
72) Carbazole	11.67	167	253361	19.34	ng		100
74) Fluoranthene	12.67	202	2169344	163.86	ng		99
77) Pyrene	12.90	202	1919681	113.08	ng		98
80) Benzo(a)anthracene	14.08	228	1024800	76.02	ng		97
82) Chrysene	14.12	228	843010	65.68	ng		98
85) Indeno(1,2,3-cd)pyrene	17.10	276	317762	30.95	ng		96
87) Benzo(b)fluoranthene	15.15	252	1204202	115.84	ng	#	95
88) Benzo(k)fluoranthene	15.15	252	1204202	117.28	ng		98
89) Benzo(a)pyrene	15.53	252	606862	63.60	ng		96
90) Dibenzo(a,h)anthracene	17.11	278	76839	10.06	ng	#	87
91) Benzo(g,h,i)perylene	17.57	276	291236	38.58	ng		96

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

Quantitation Report (Not Reviewed)

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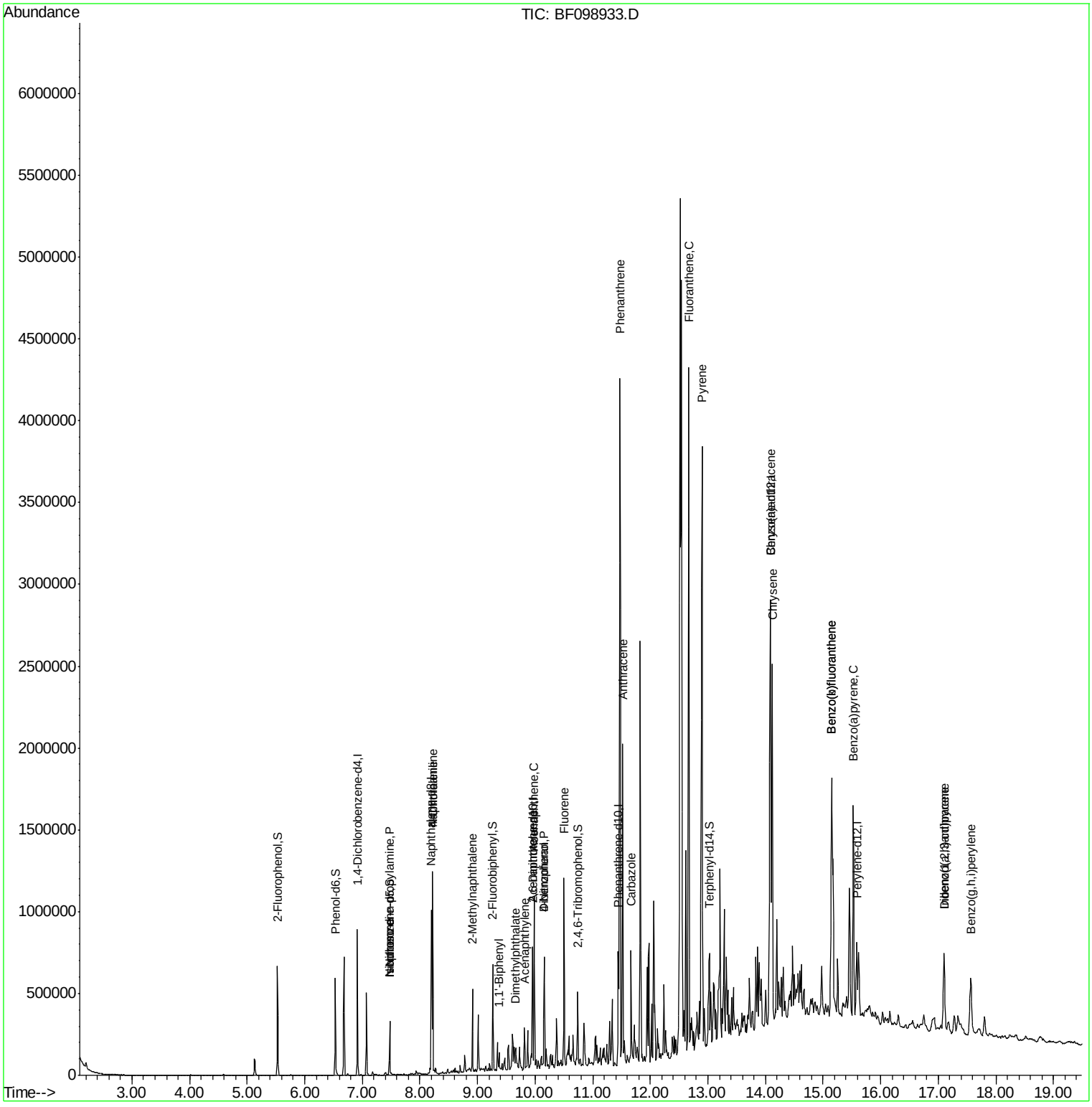
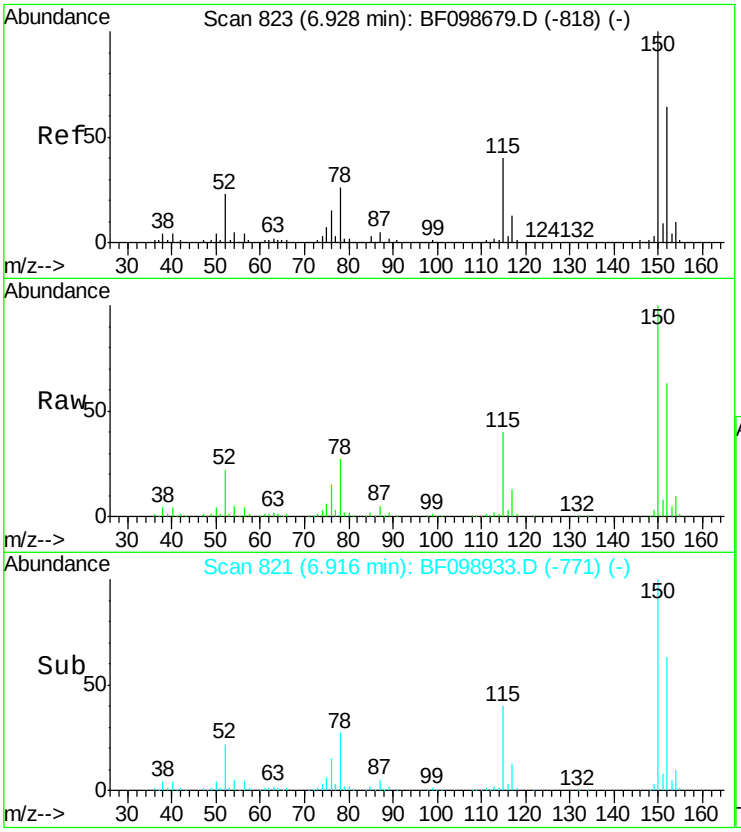
Acq On : 29 Sep 2017 3:36
Operator : SJ/JU
Sample : I5515-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 29 04:03:07 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



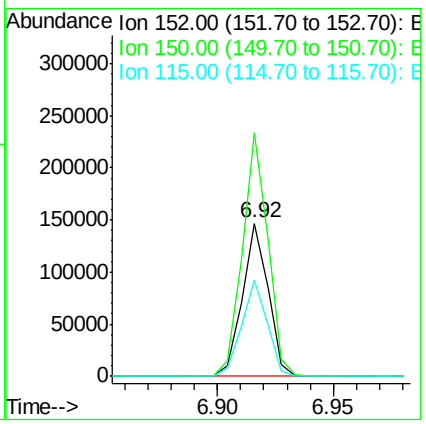


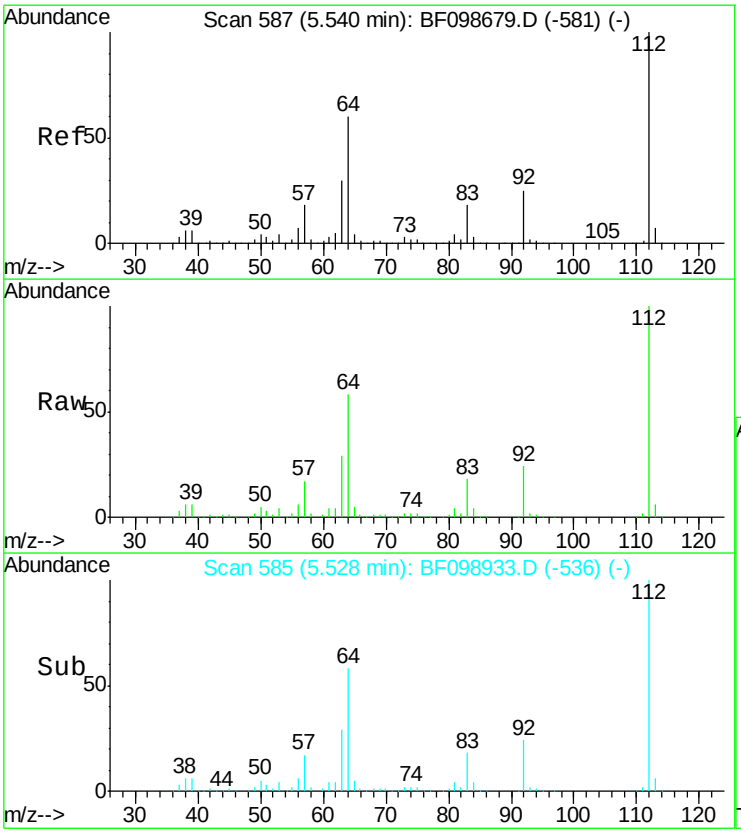
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114608

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	63.1	50.1	75.1

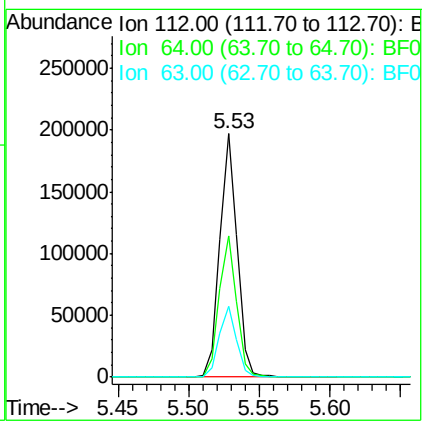


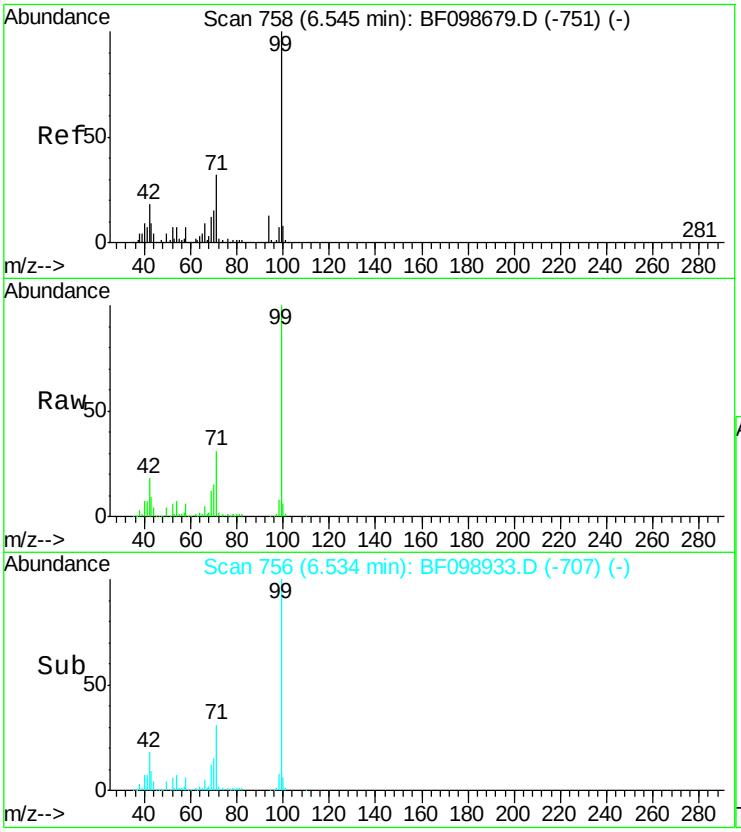


#5
2-Fluorophenol
Concen: 23.47 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:112 Resp: 168979

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.2	23.7	35.5



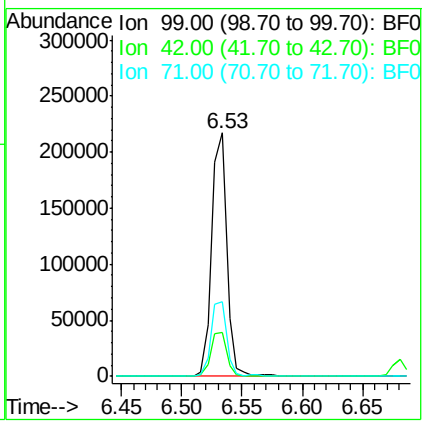


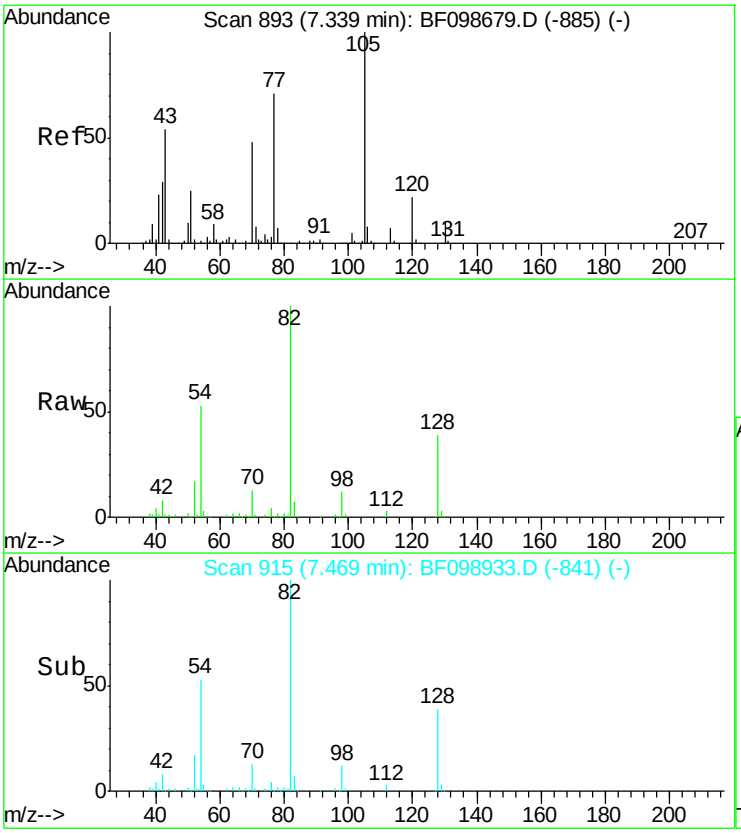
#7
Phenol-d6
Concen: 21.00 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 186550

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	30.8	25.4	38.0

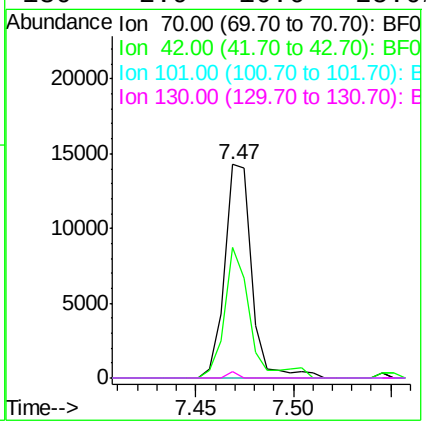


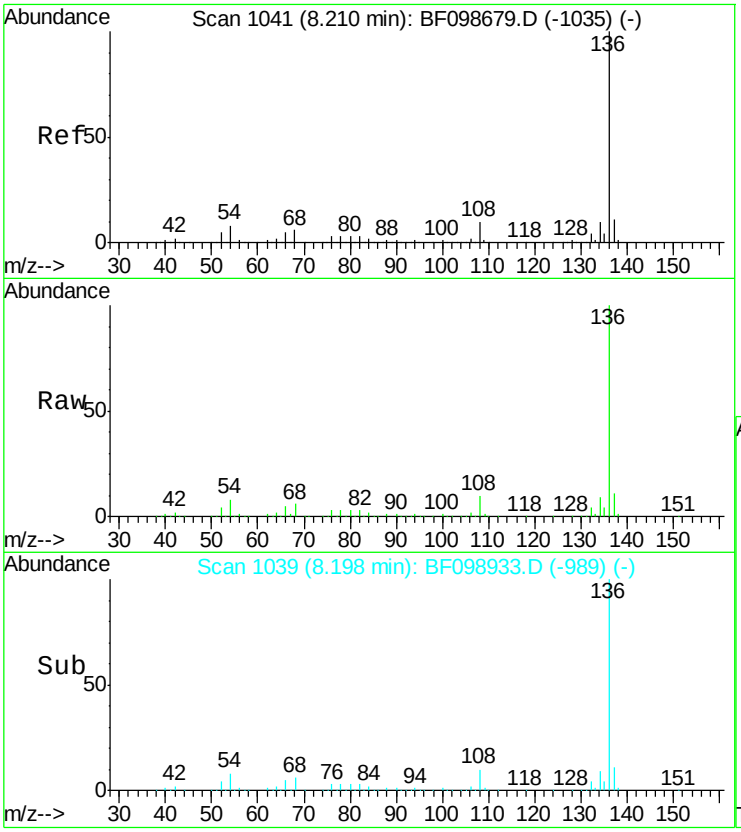


#19
n-Nitroso-di-n-propylamine
Concen: 2.43 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.14 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion: 70 Resp: 13757

Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#



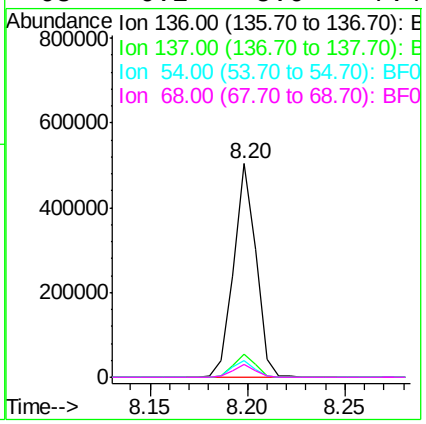


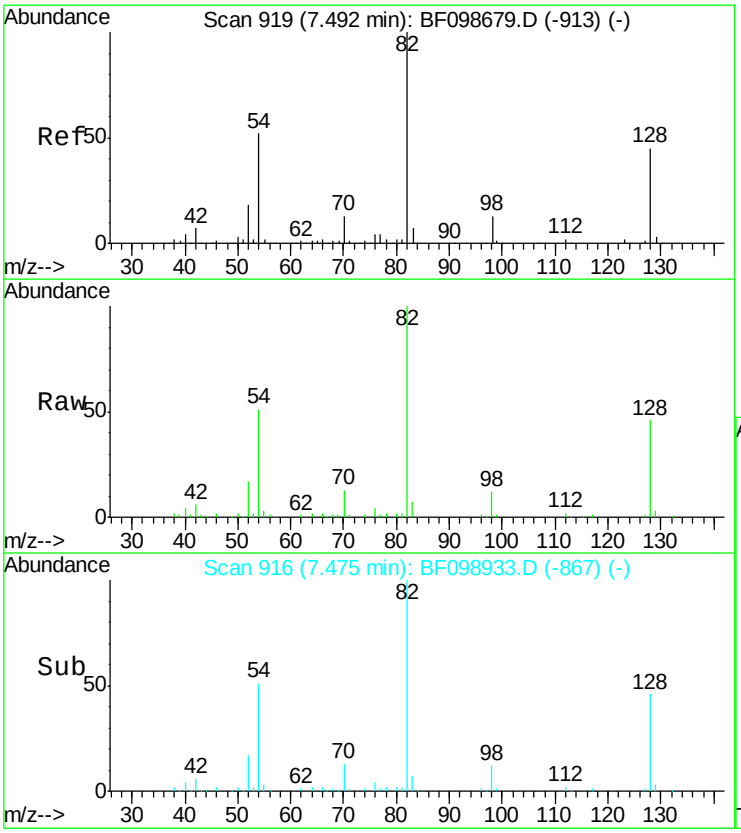
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 402097

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	6.2	5.0	7.4

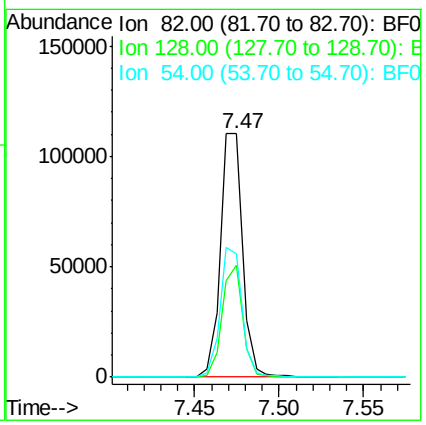


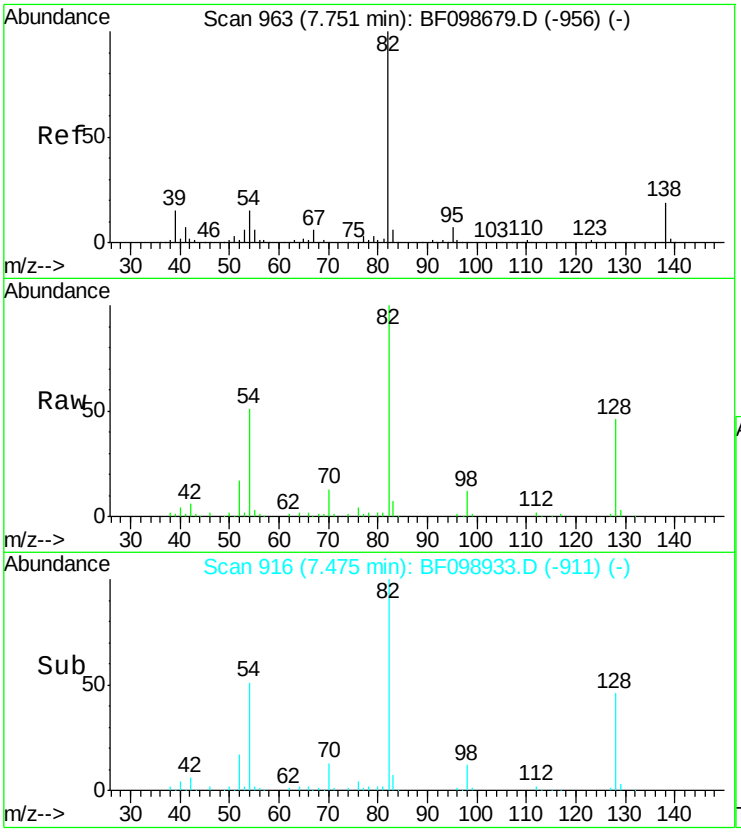


#23
Nitrobenzene-d5
Concen: 16.15 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion: 82 Resp: 101277

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	50.7	41.4	62.2



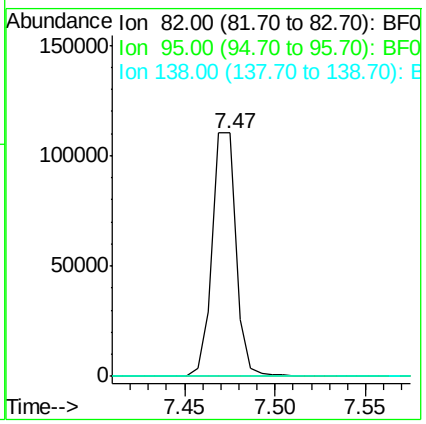


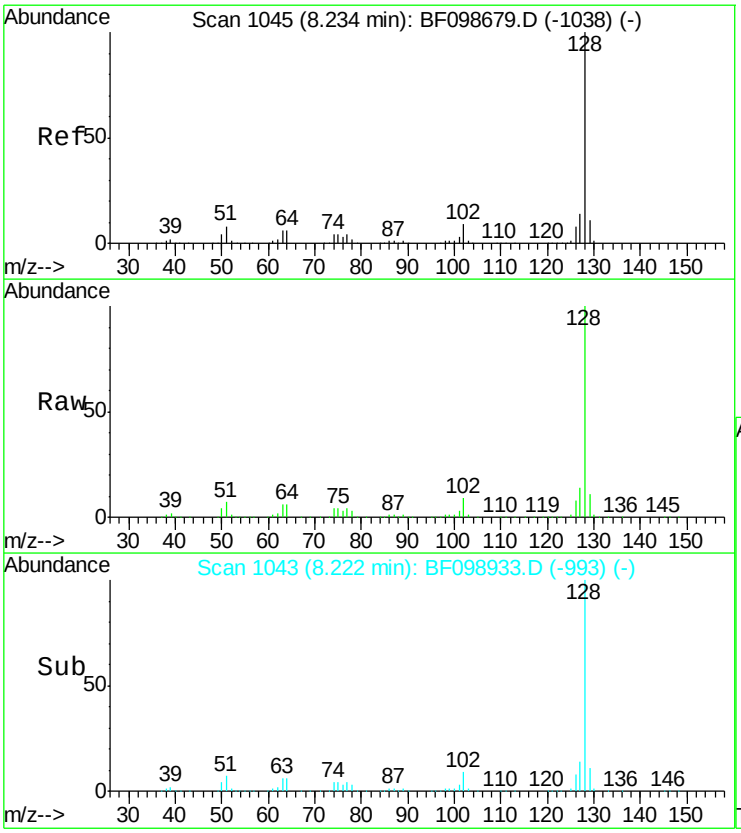
#25
Isophorone
Concen: 7.81 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 101275

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

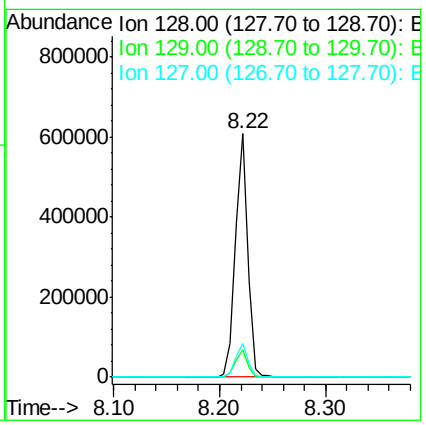


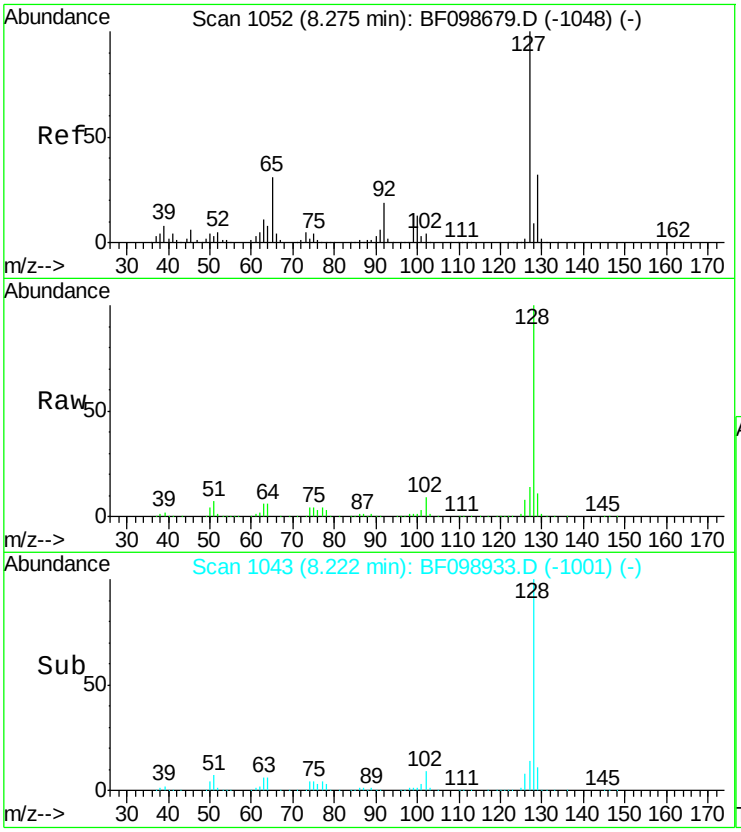


#31
Naphthalene
Concen: 25.53 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:128 Resp: 482140

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.7	10.9	16.3



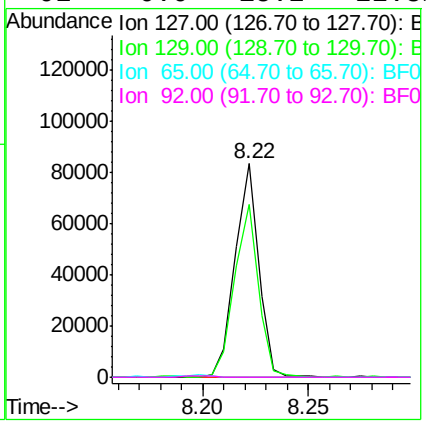


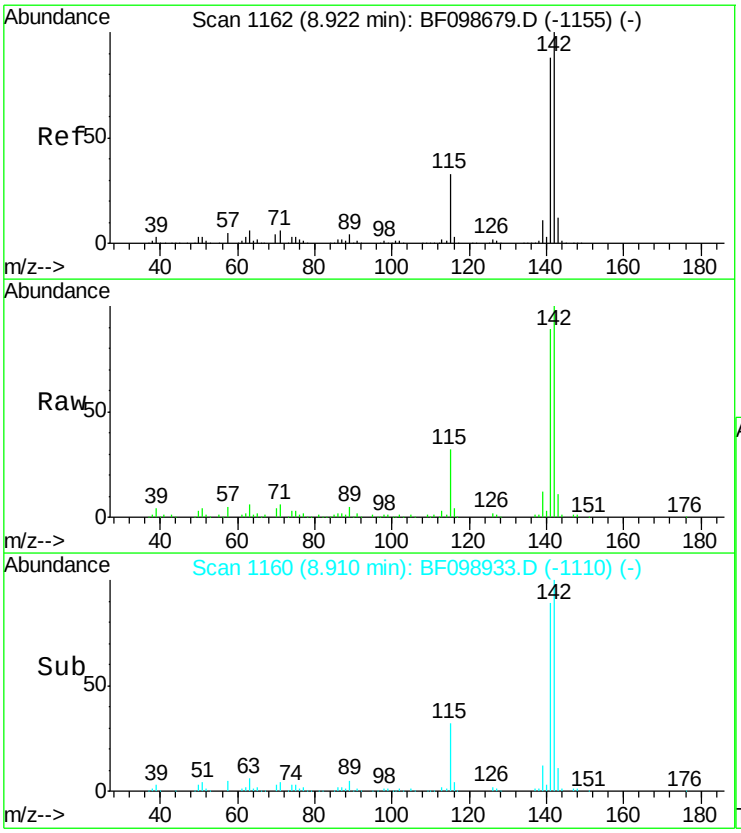
#33
4-Chloroaniline
Concen: 8.18 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 64511

Ion	Ratio	Lower	Upper
127	100		
129	80.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

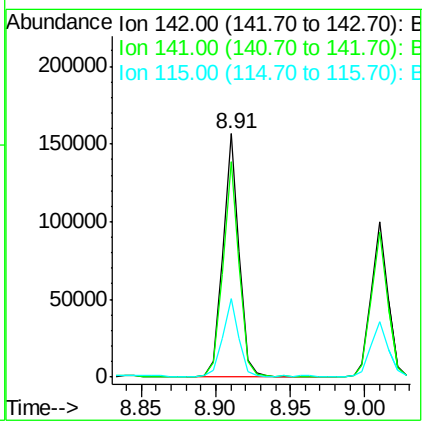


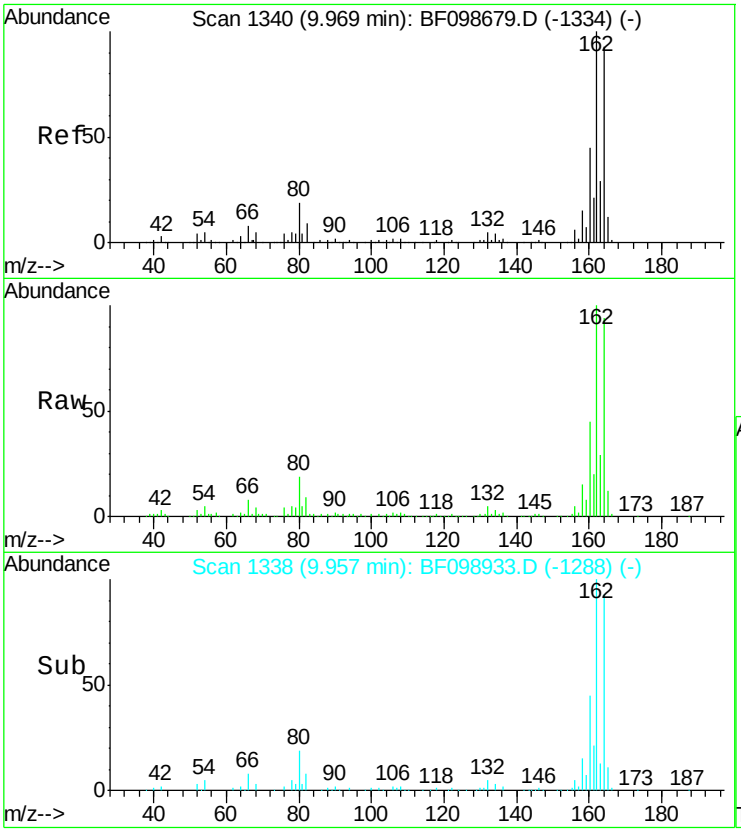


#37
2-Methylnaphthalene
Concen: 9.86 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:142 Resp: 121095

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	32.2	26.1	39.1



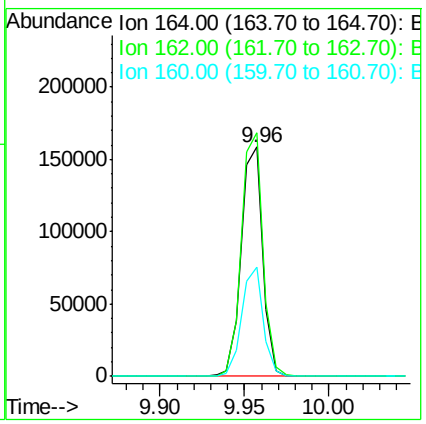


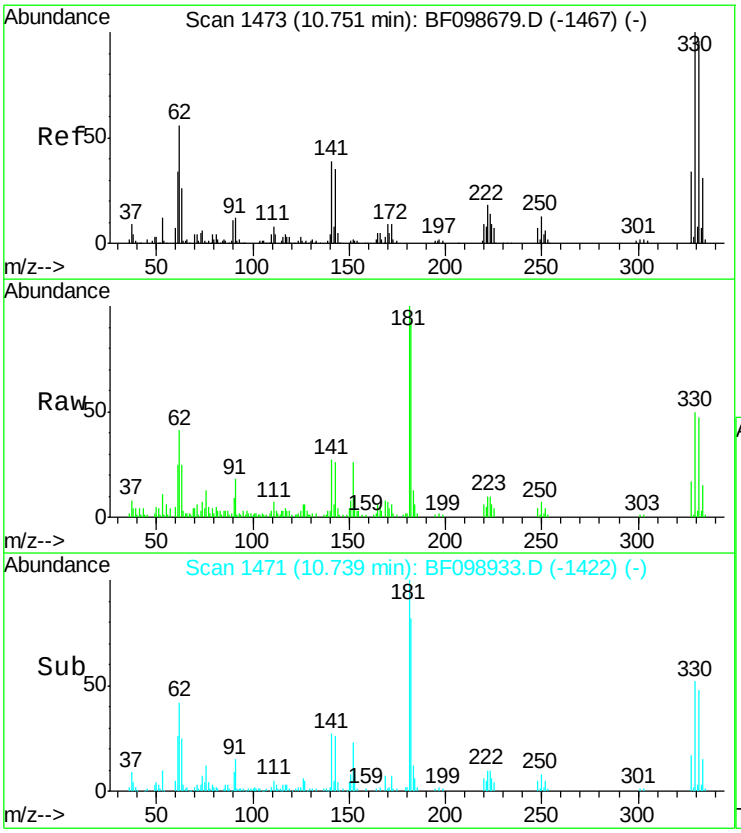
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 141638

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	47.8	38.3	57.5

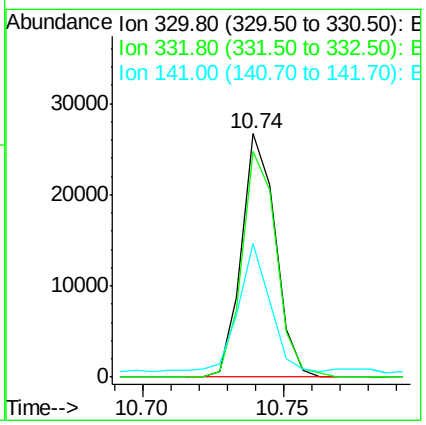


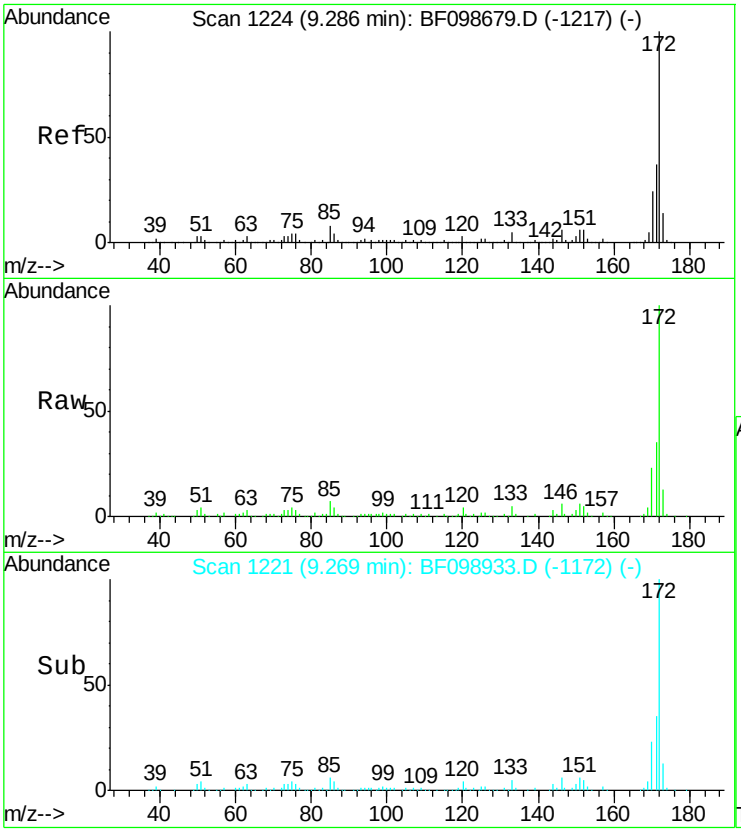


#41
2,4,6-Tribromophenol
Concen: 19.26 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:330 Resp: 22324

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	49.9	29.9	44.9#



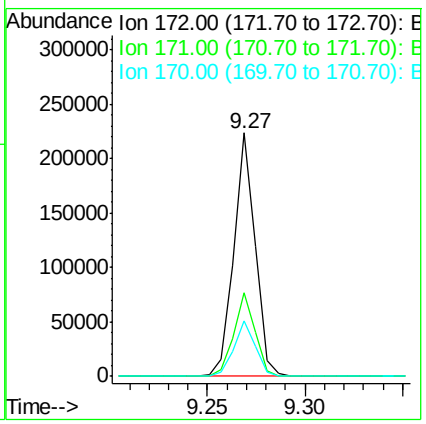


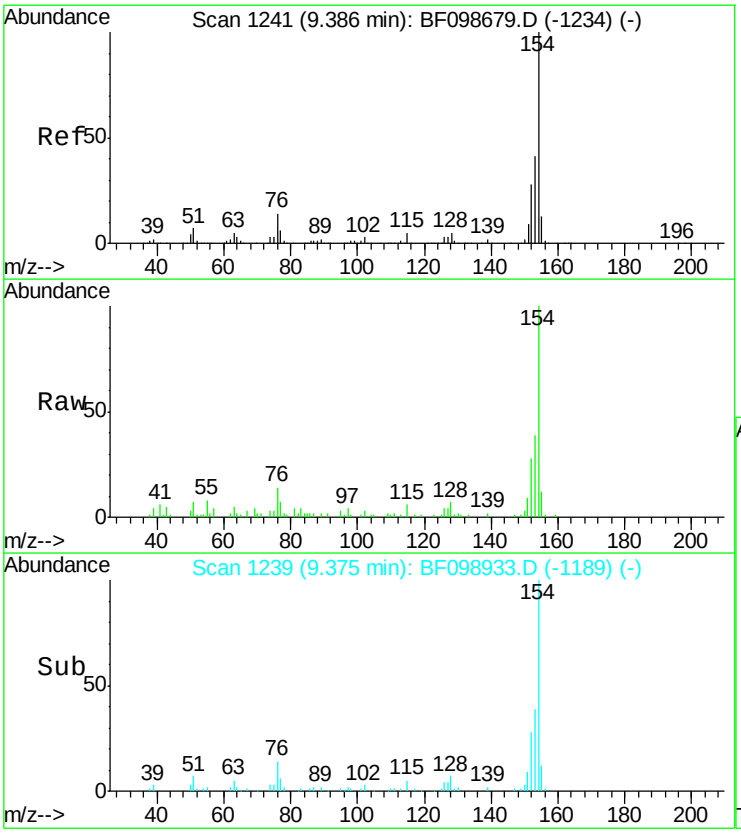
#44
2-Fluorobiphenyl
Concen: 19.92 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 168968

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	22.9	19.6	29.4

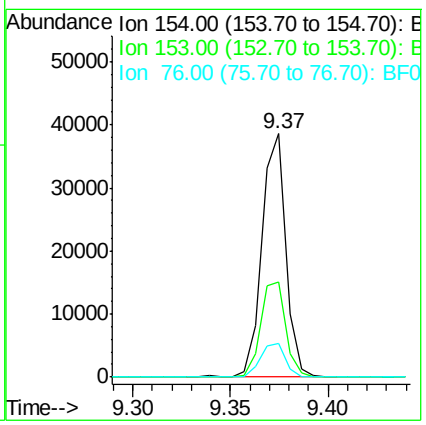


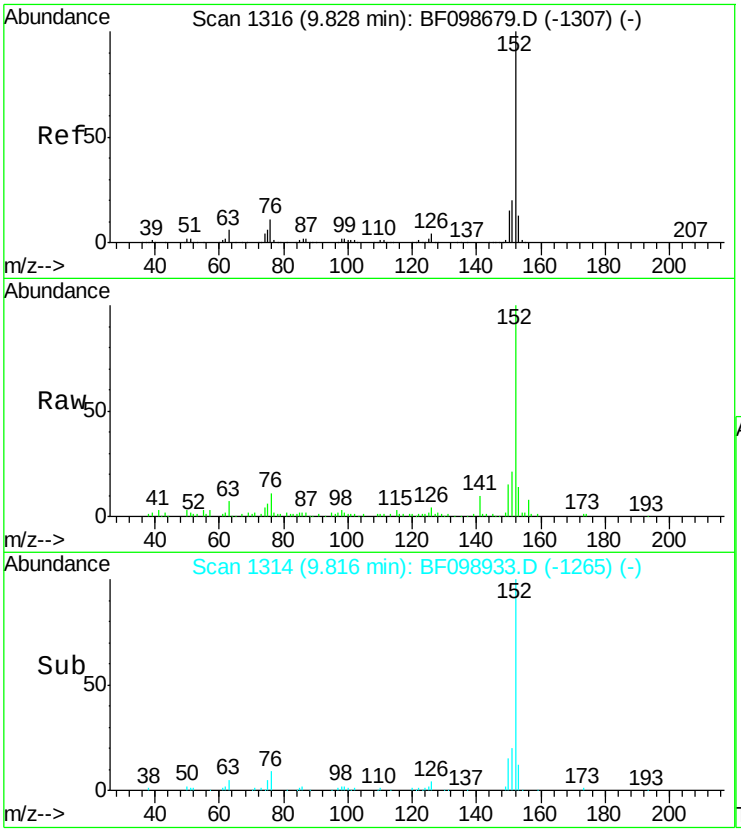


#45
1,1'-Biphenyl
Concen: 2.70 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:154 Resp: 32808

Ion	Ratio	Lower	Upper
154	100		
153	39.1	21.3	61.3
76	13.6	0.0	34.0



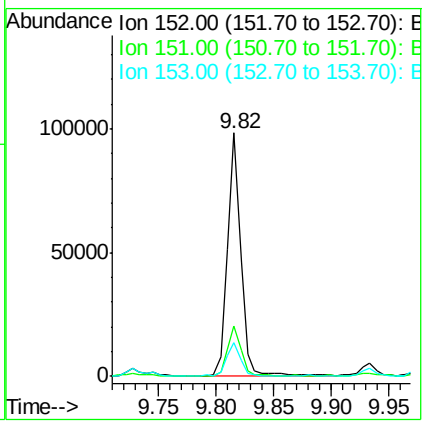


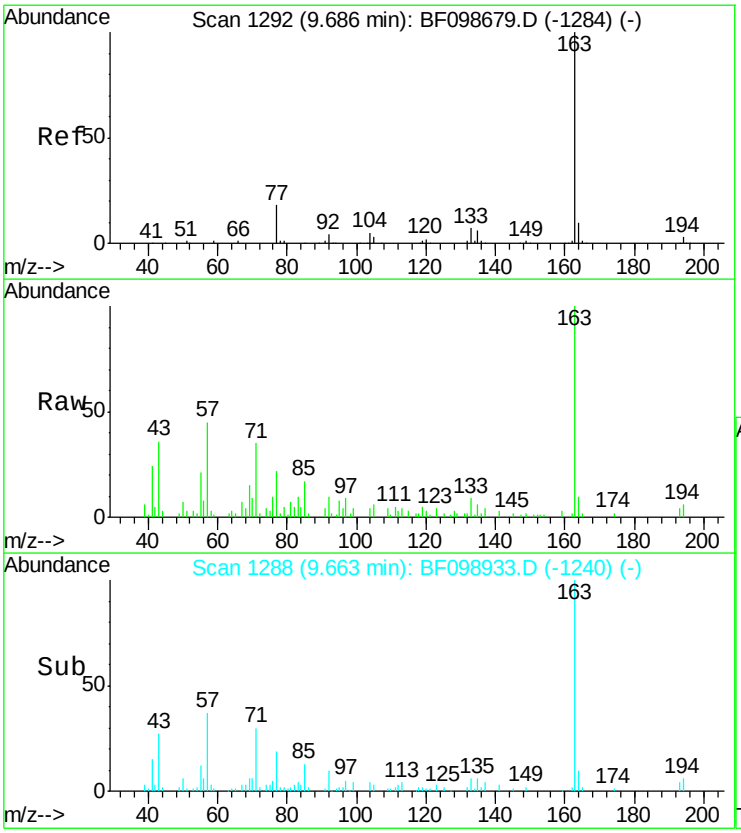
#48
Acenaphthylene
Concen: 5.72 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 80008

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.9	10.7	16.1

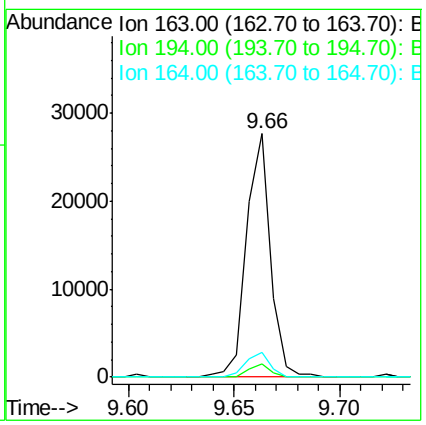


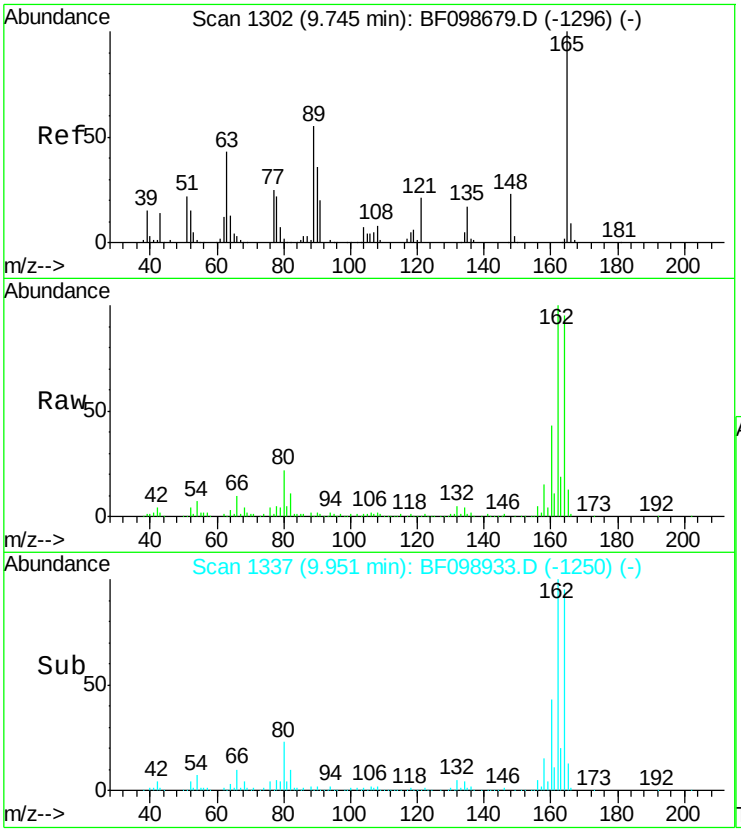


#49
Dimethylphthalate
Concen: 2.04 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:163 Resp: 21810

Ion	Ratio	Lower	Upper
163	100		
194	5.7	2.7	4.1#
164	10.1	8.2	12.2



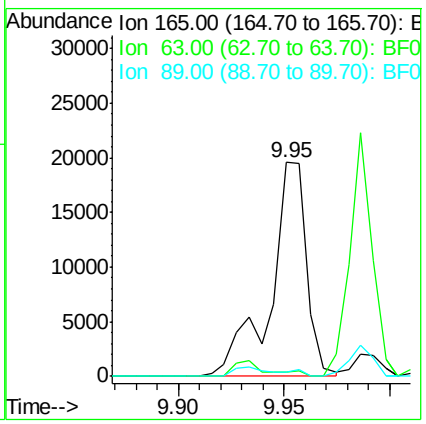


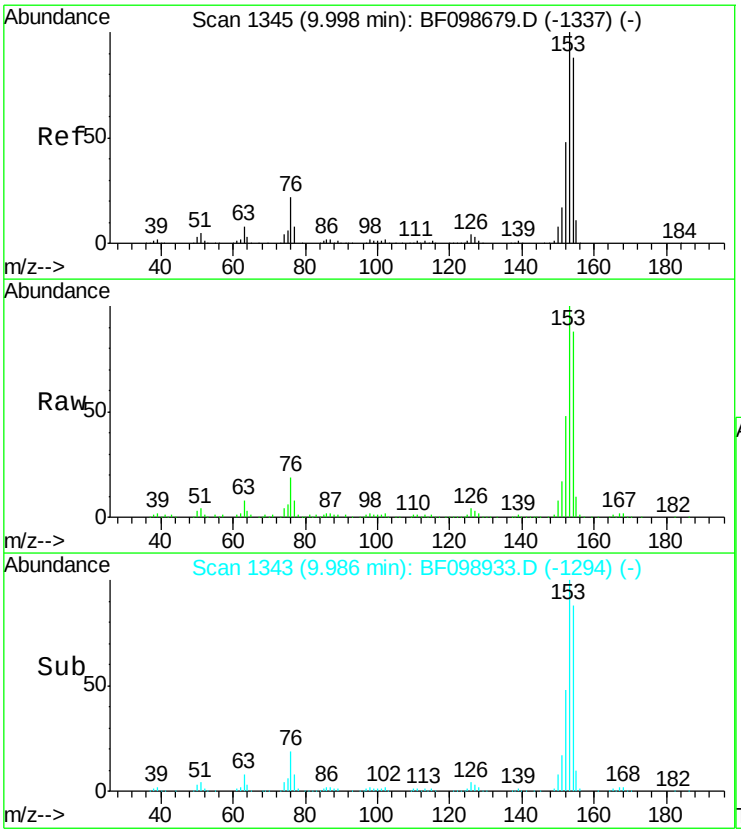
#50
2,6-Dinitrotoluene
Concen: 10.03 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.21 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23335

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.8	44.0	66.0#

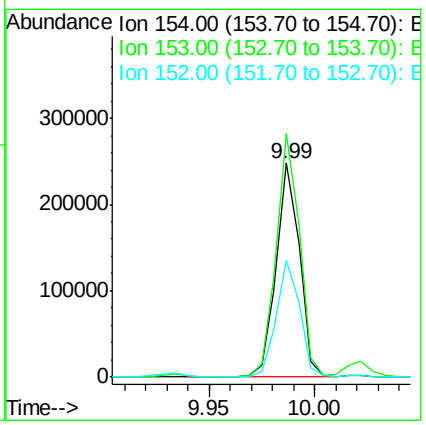


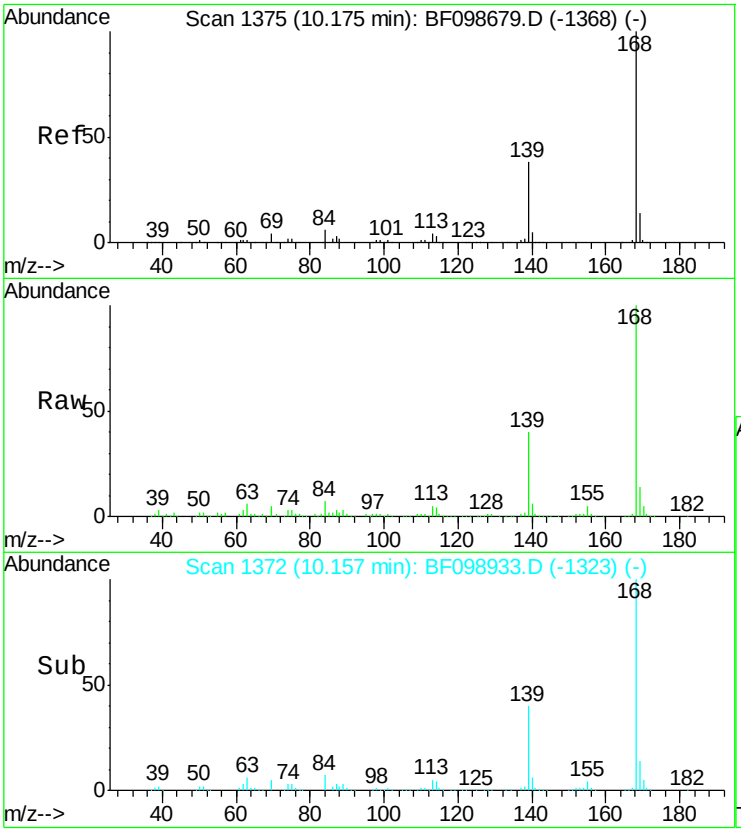


#51
Acenaphthene
Concen: 21.46 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:154 Resp: 190163

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	54.4	43.8	65.8



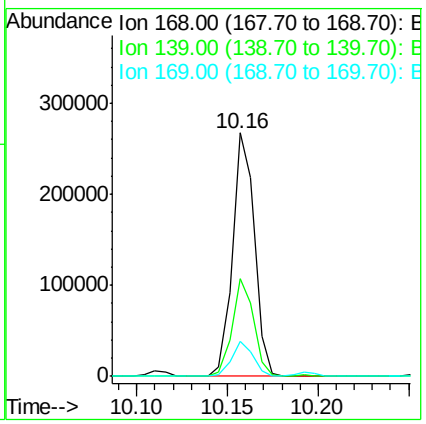


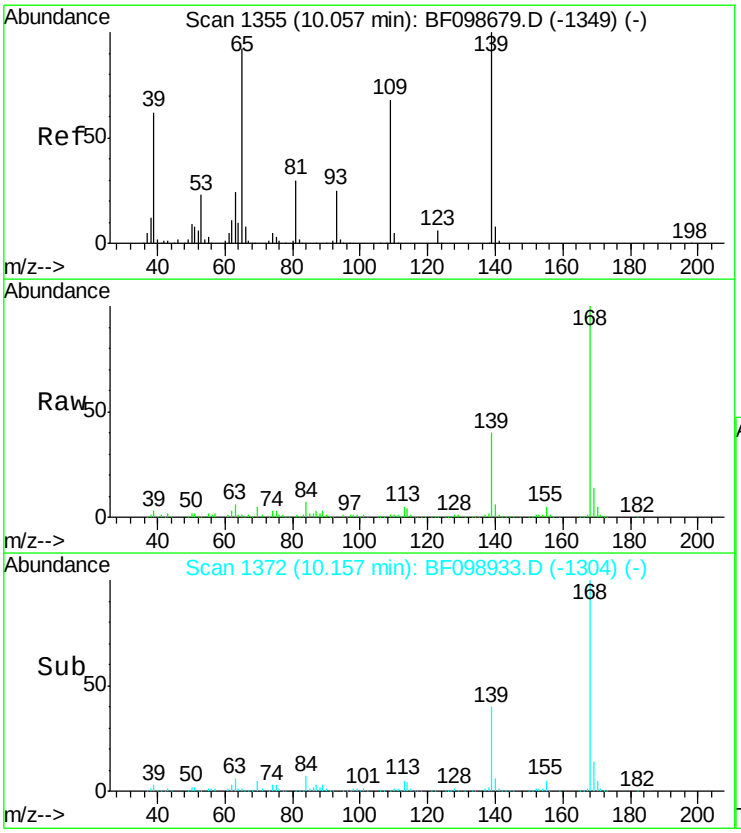
#54
Dibenzofuran
Concen: 18.97 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 223898

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.1	45.1
169	14.3	10.9	16.3

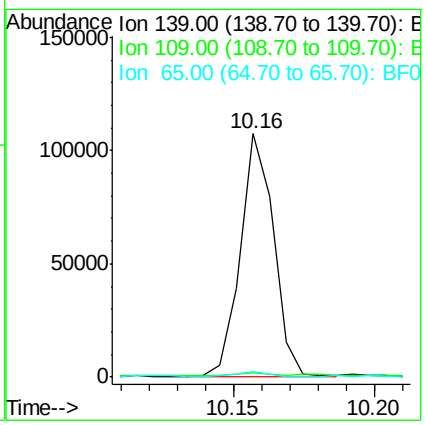


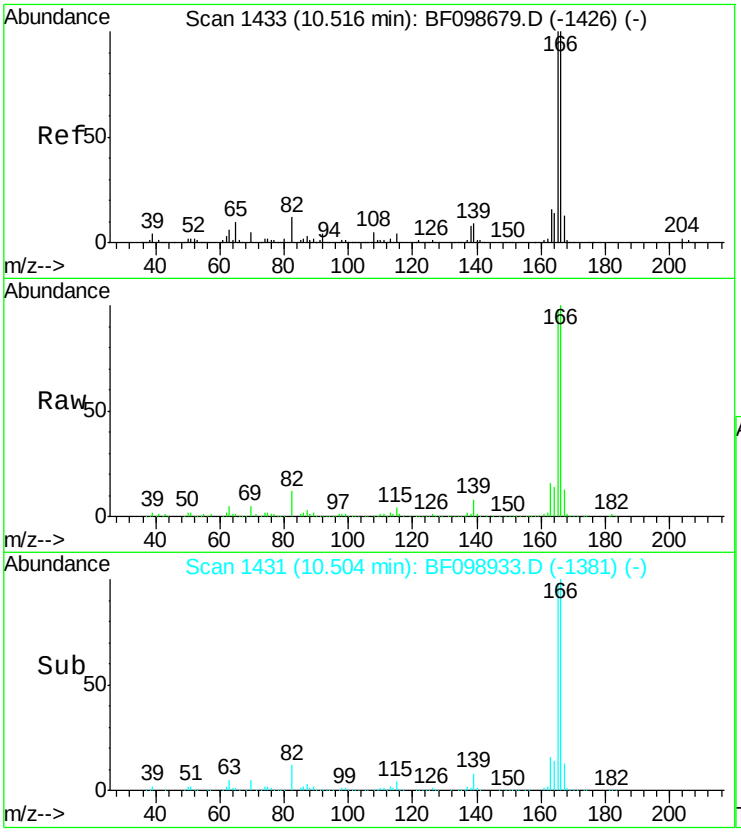


#55
4-Nitrophenol
Concen: 38.60 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.10 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:139 Resp: 88578

Ion	Ratio	Lower	Upper
139	100		
109	1.7	48.4	88.4#
65	2.1	72.6	112.6#



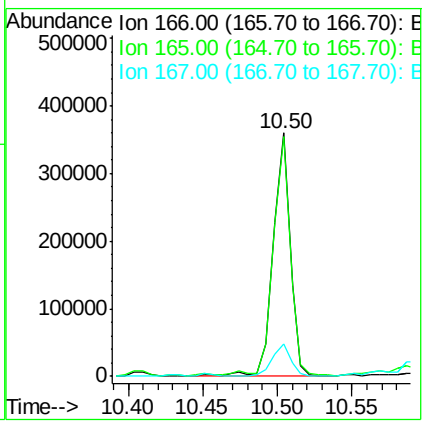


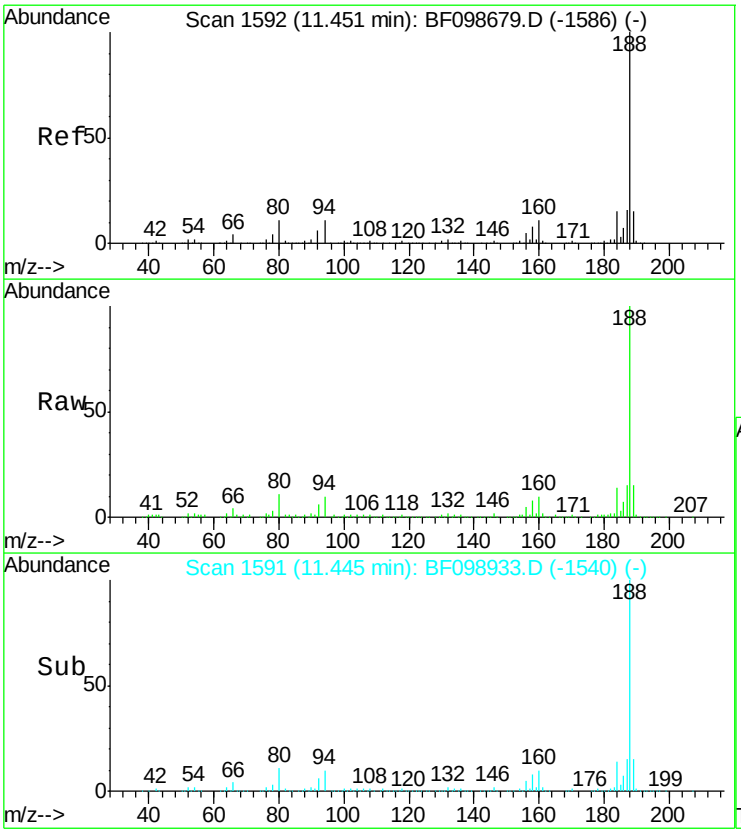
#57
Fluorene
Concen: 30.14 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 285863

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.1	10.6	16.0

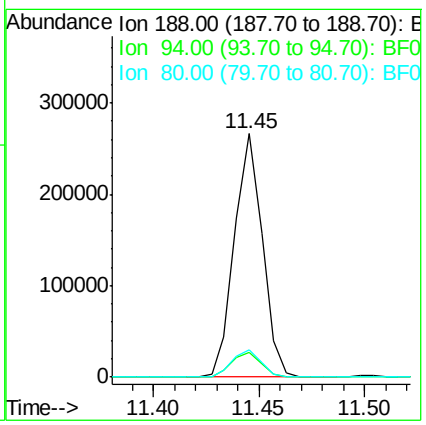


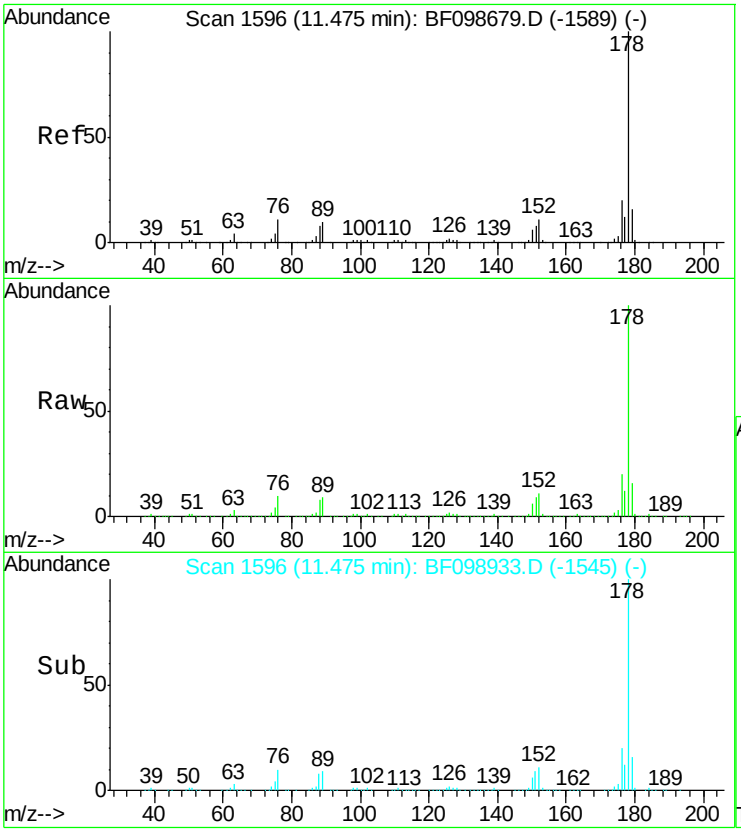


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:188 Resp: 244251

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.2	9.2	13.8



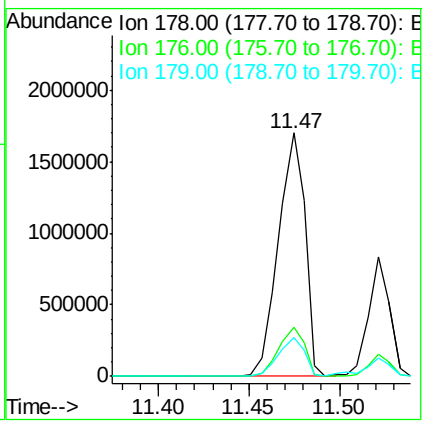


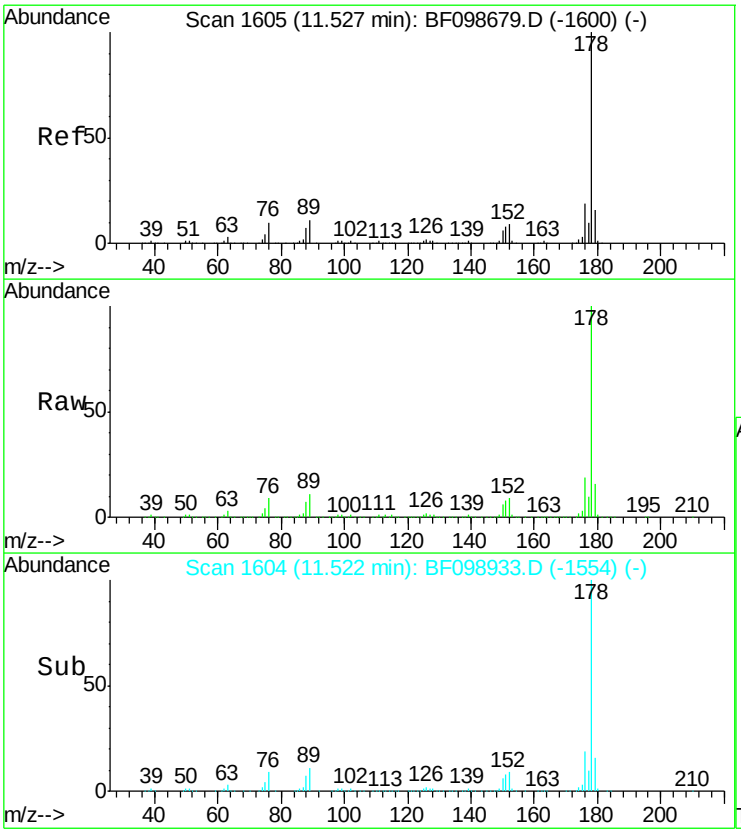
#70
Phenanthrene
Concen: 133.86 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1750143

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.0	13.0	19.6

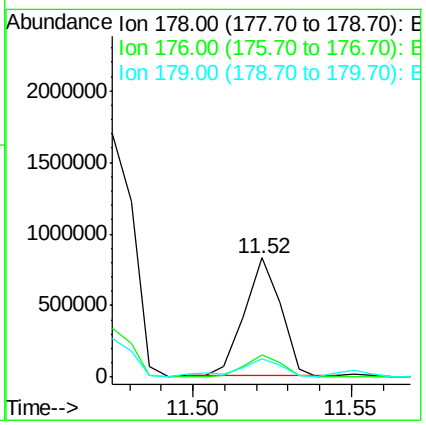


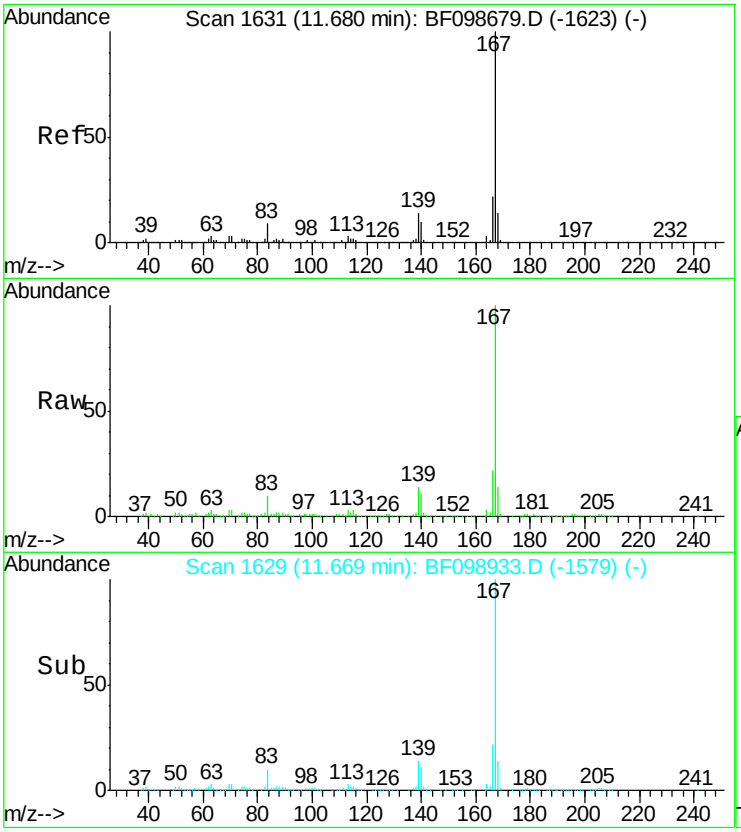


#71
Anthracene
Concen: 49.07 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:178 Resp: 656373

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.6	19.0



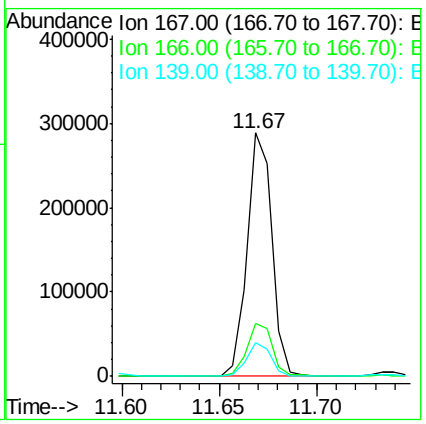


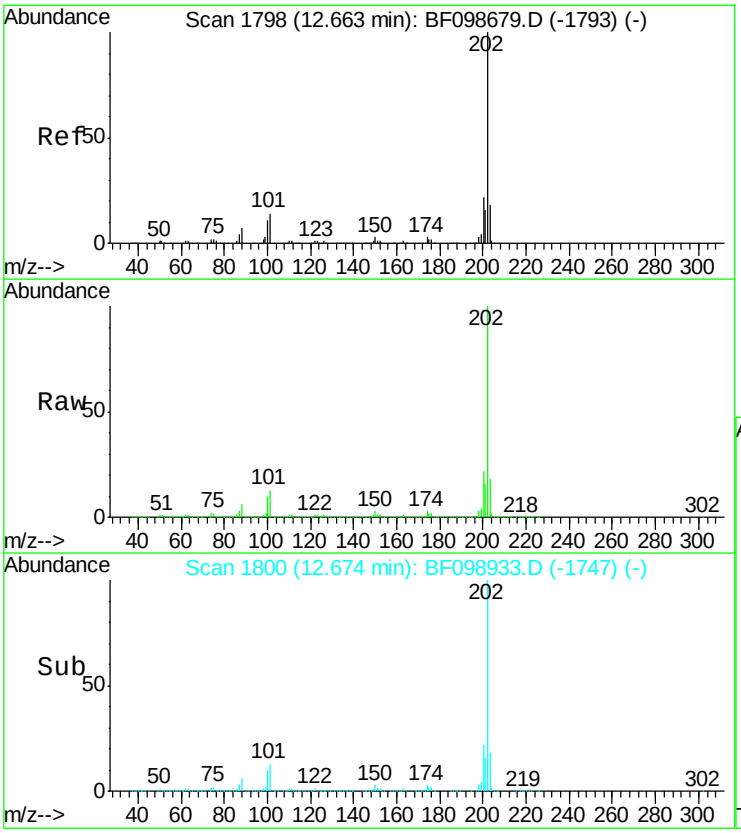
#72
Carbazole
Concen: 19.34 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 253361

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	14.0	10.9	16.3

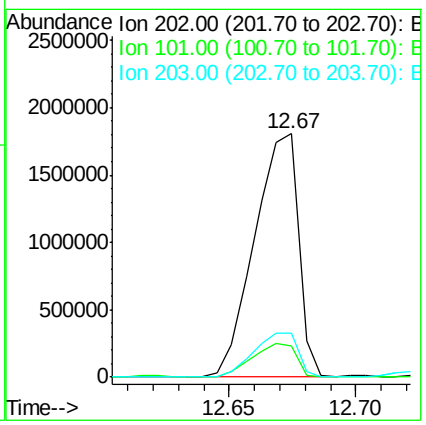


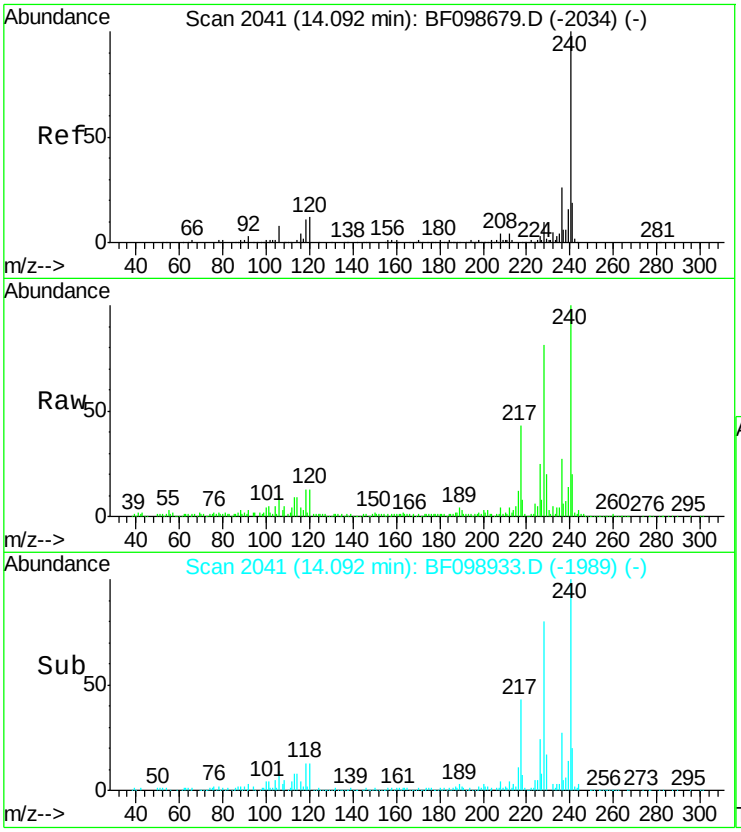


#74
Fluoranthene
Concen: 163.86 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:202 Resp: 2169344

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	18.1	0.0	38.1



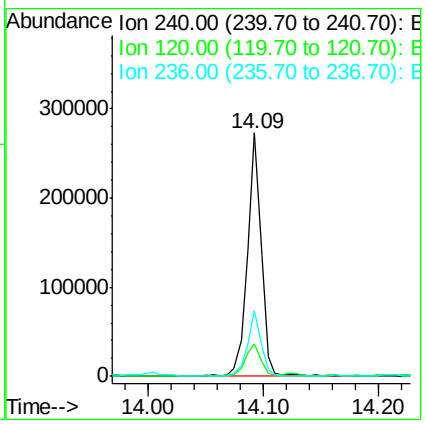


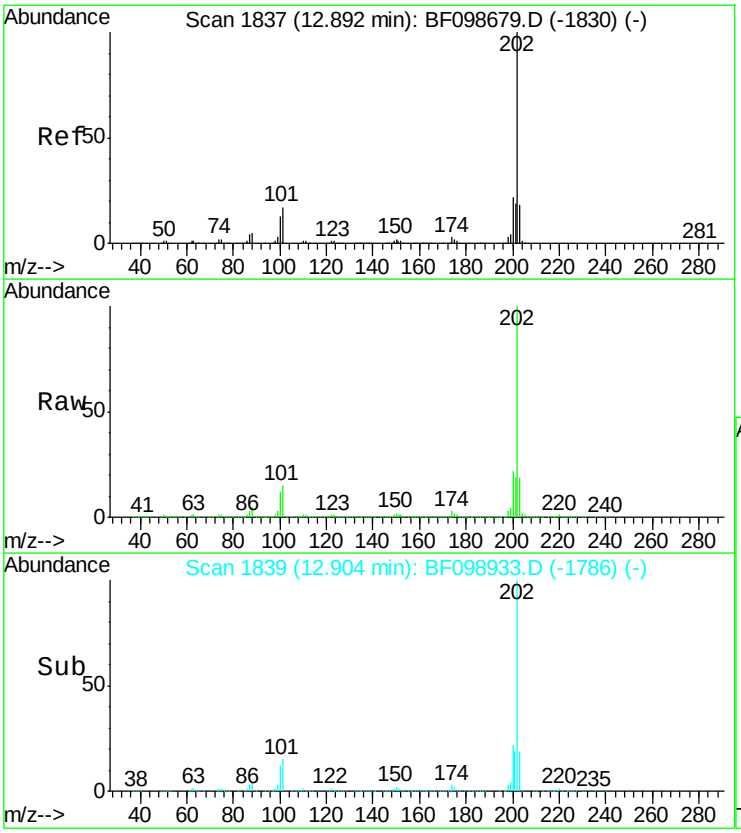
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 222627

Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	27.1	20.7	31.1

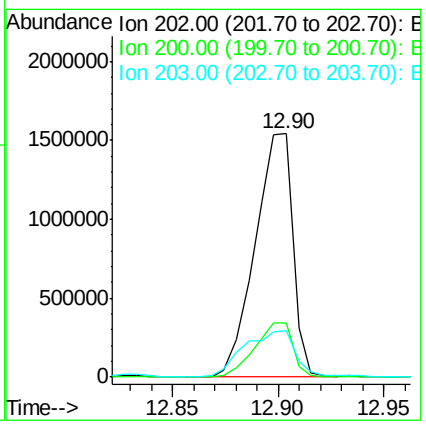


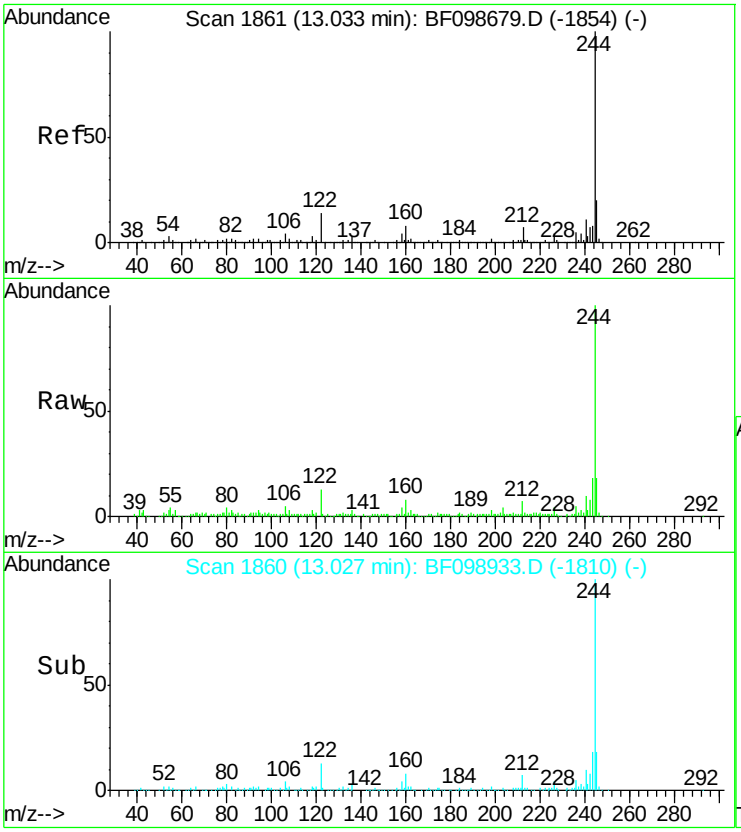


#77
Pyrene
Concen: 113.08 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:202 Resp: 1919681

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	19.1	14.3	21.5



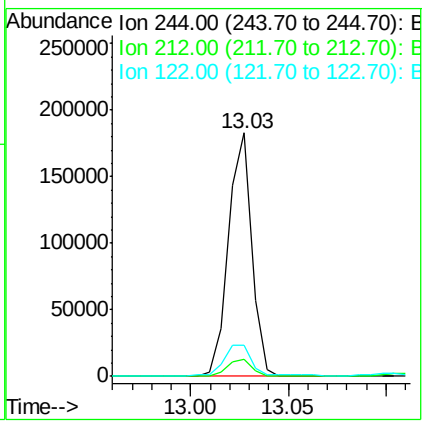


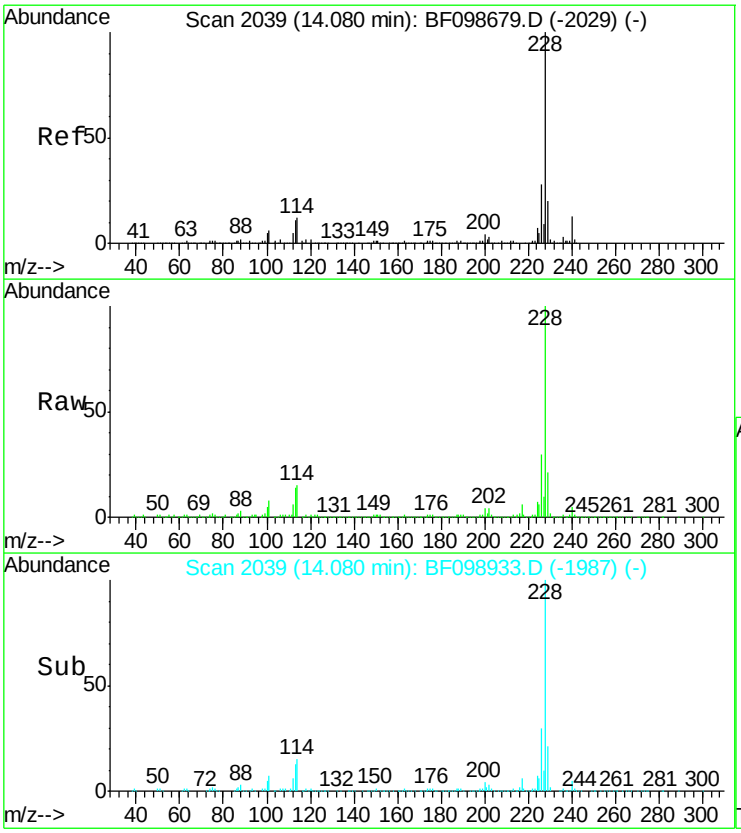
#78
Terphenyl-d14
Concen: 15.44 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 151164

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.8	11.0	16.4

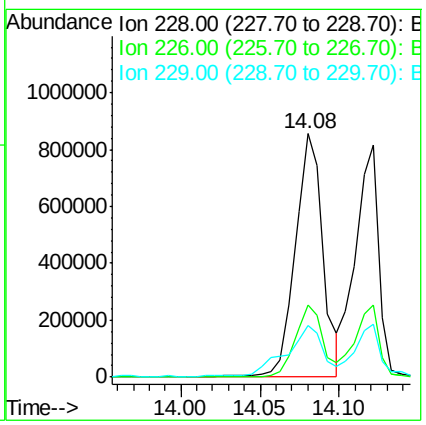


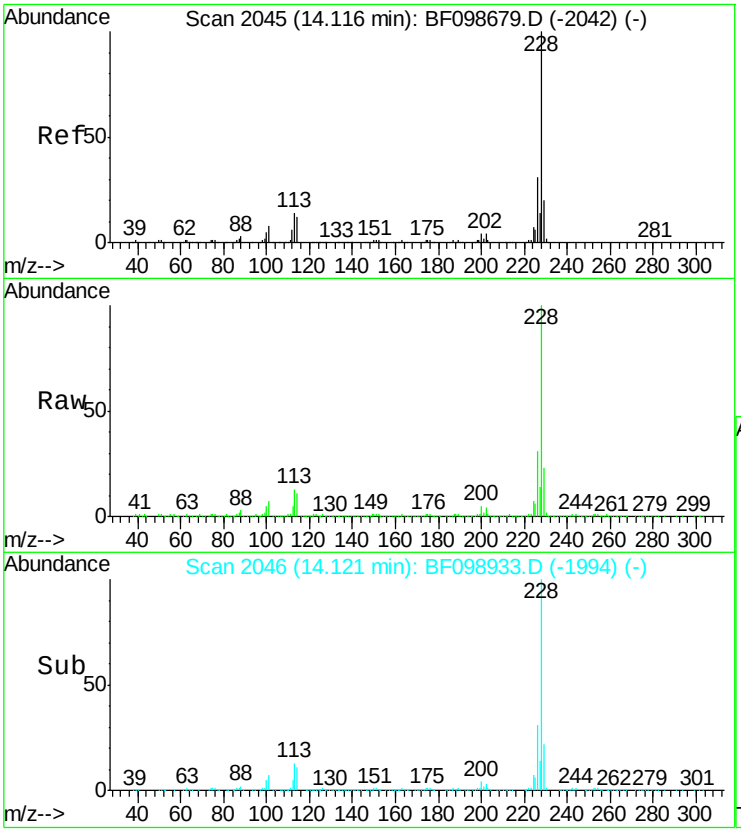


#80
Benzo(a)anthracene
Concen: 76.02 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:228 Resp: 1024800

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.1	15.8	23.6



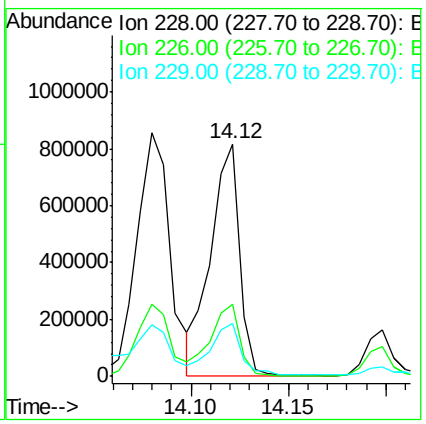


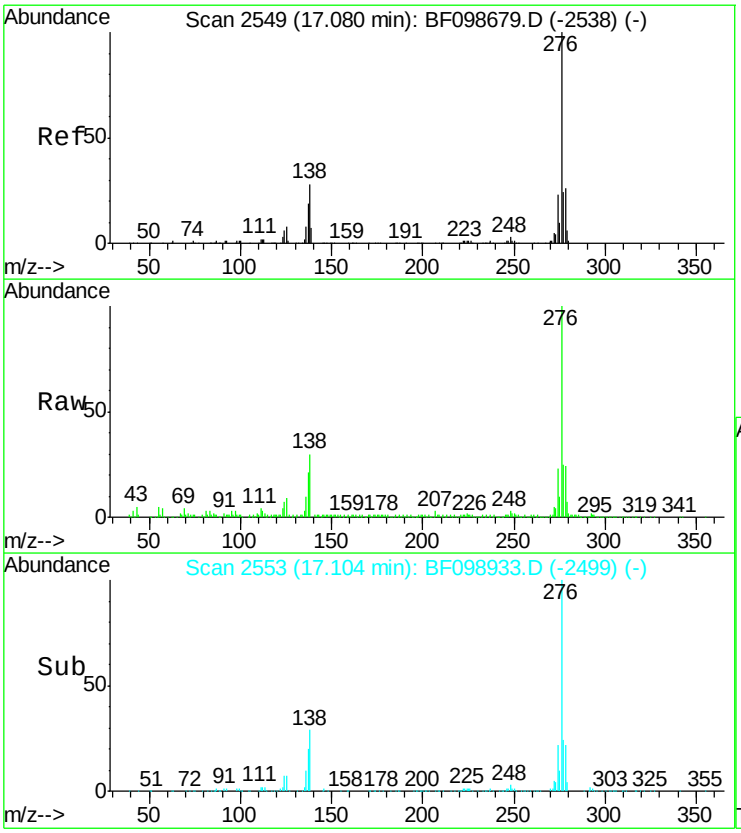
#82
Chrysene
Concen: 65.68 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 843010

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.8	16.2	24.4

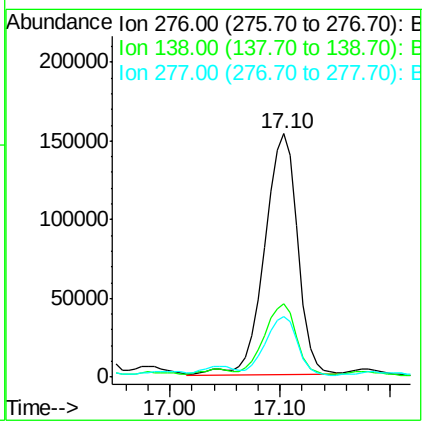


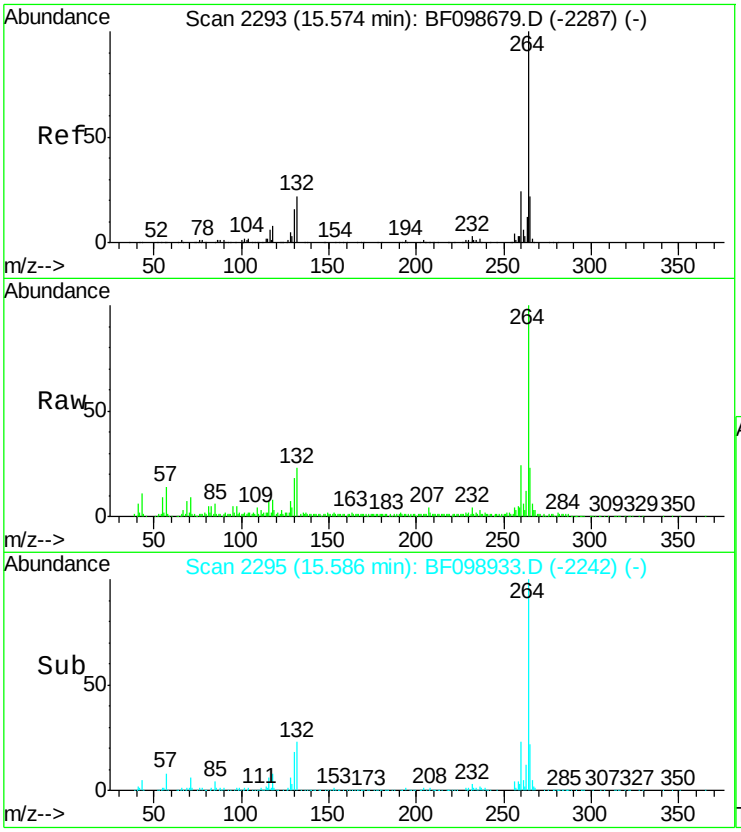


#85
Indeno(1,2,3-cd)pyrene
Concen: 30.95 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:276 Resp: 317762

Ion	Ratio	Lower	Upper
276	100		
138	28.5	25.0	37.6
277	24.2	20.1	30.1



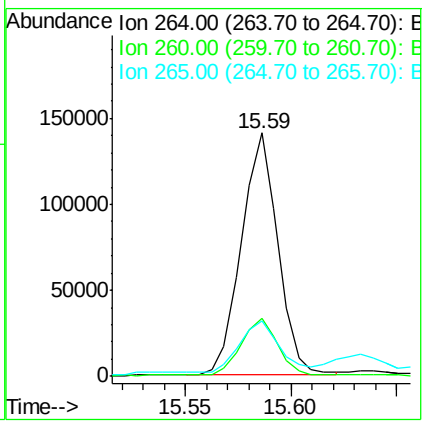


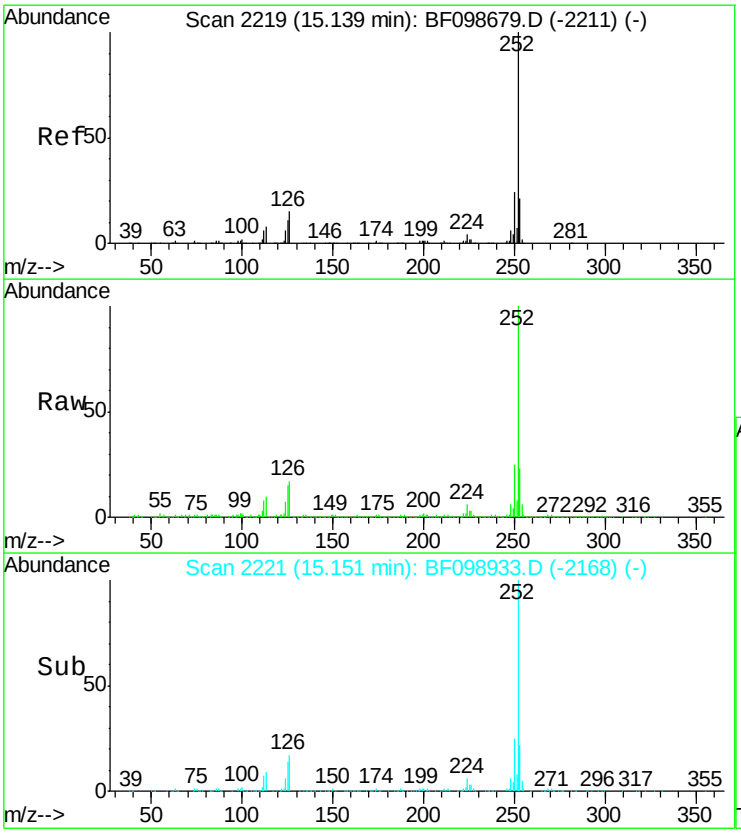
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 169075

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.9	17.5	26.3

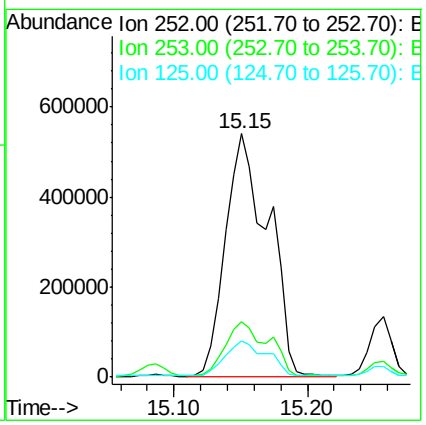


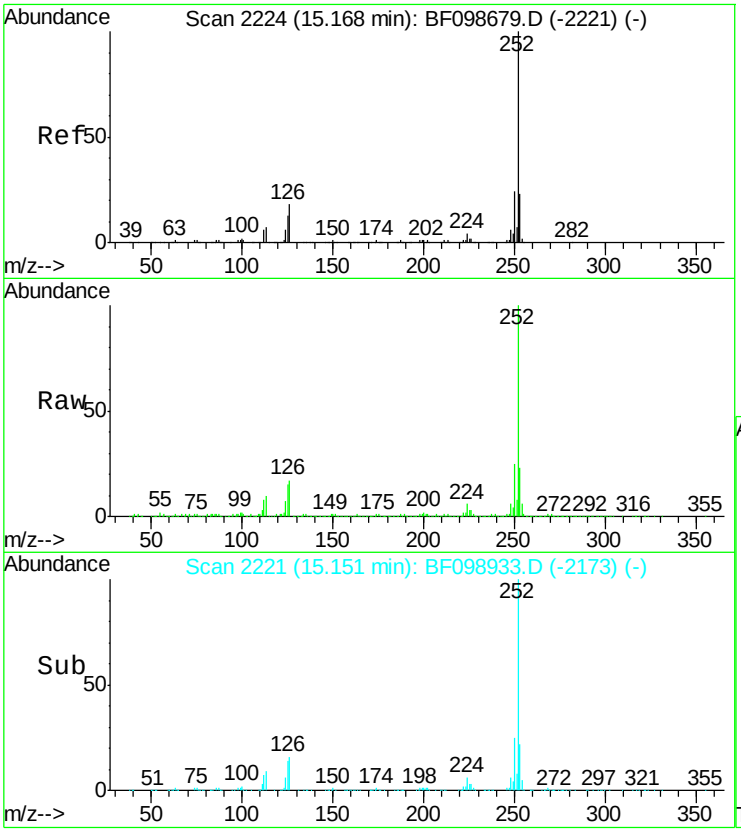


#87
Benzo(b)fluoranthene
Concen: 115.84 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:252 Resp: 1204202

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	14.8	9.0	13.6#



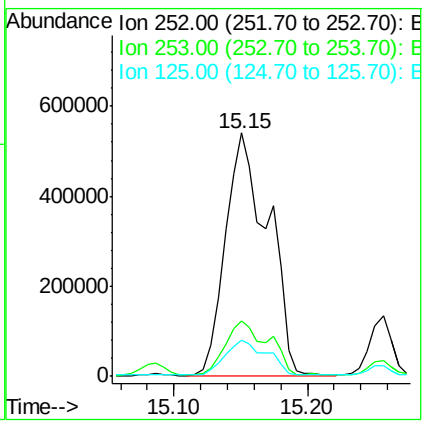


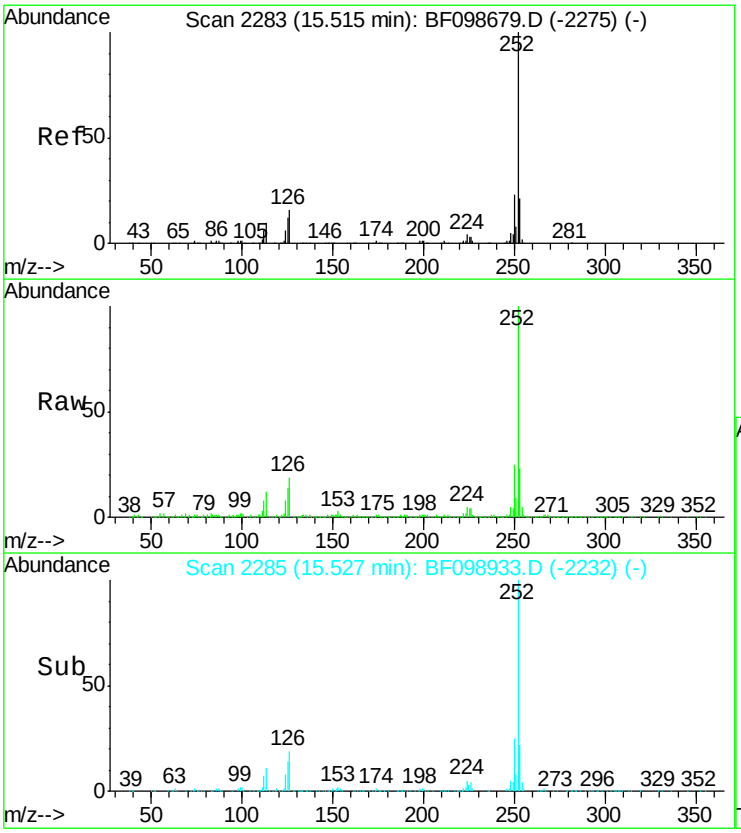
#88
Benzo(k)fluoranthene
Concen: 117.28 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1204202

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	14.8	10.2	15.2

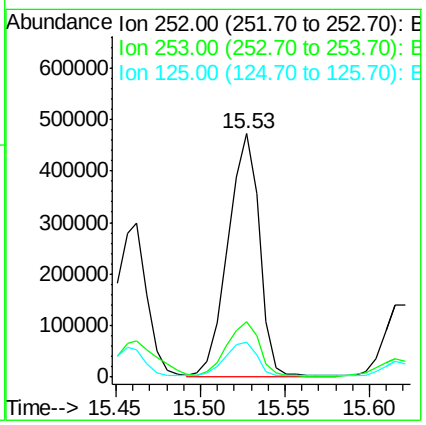


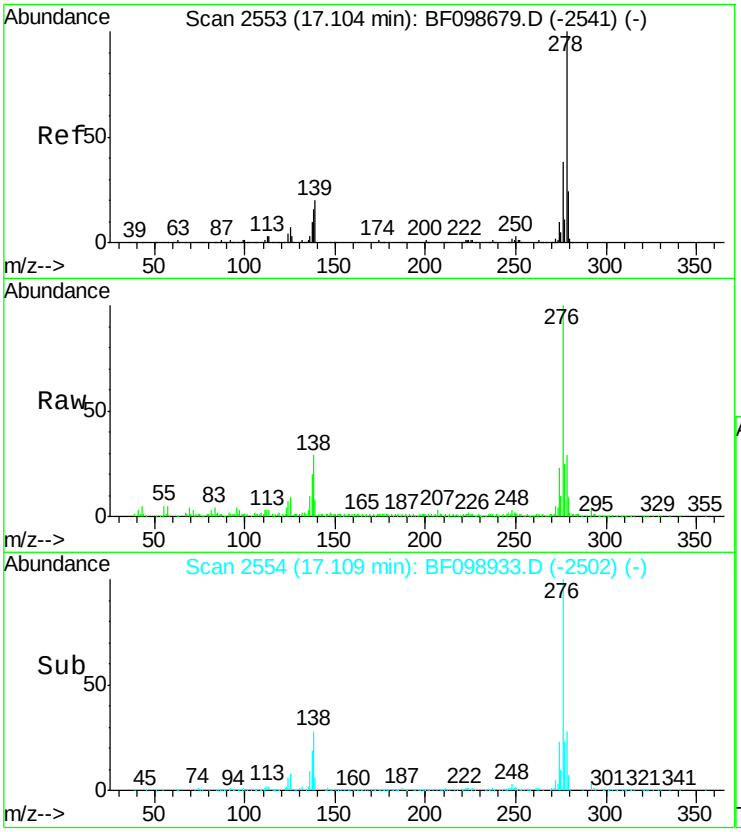


#89
Benzo(a)pyrene
Concen: 63.60 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:252 Resp: 606862

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	14.5	9.8	14.6



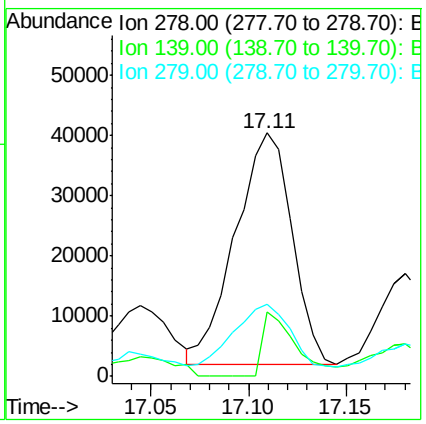


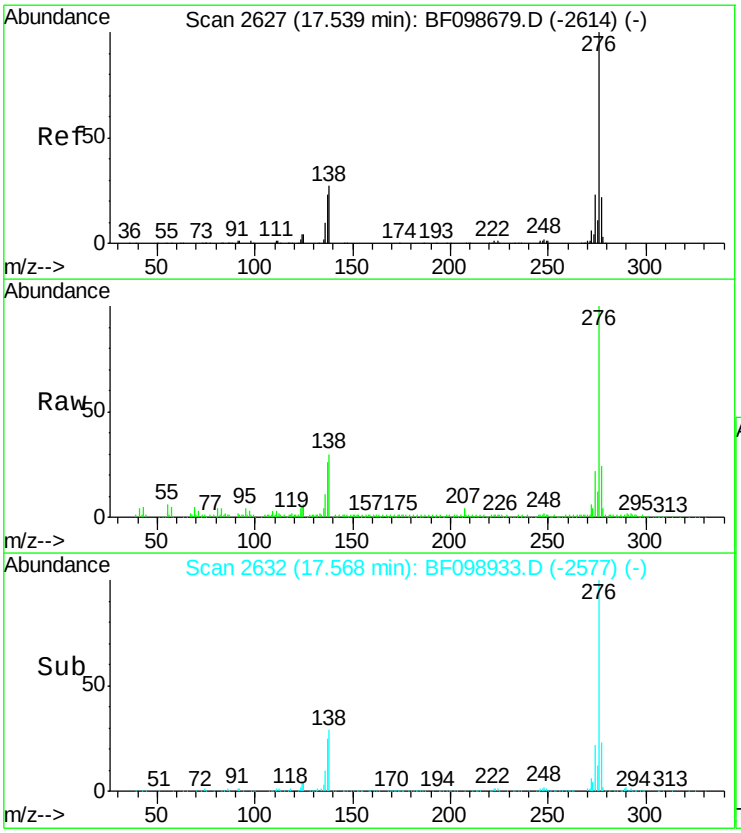
#90
Dibenzo(a,h)anthracene
Concen: 10.06 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 76839

Ion	Ratio	Lower	Upper
278	100		
139	26.7	15.9	23.9#
279	29.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 38.58 ng
RT: 17.57 min Scan# 2632
Delta R.T. 0.02 min
Lab File: BF098933.D
Acq: 29 Sep 2017 3:36

Tgt Ion:276 Resp: 291236

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	29.6	21.8	32.8