Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098491.D
Acq On : 13 Sep 2017 15:45
Operator : SJ/JU
Sample : I5208-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 13 18:43:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	174066	20.00	ng		-0.02
21) Naphthalene-d8	7.94	136	697358	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	282704	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	438213	20.00	ng		-0.02
75) Chrysene-d12	13.81	240	340465	20.00	ng		0.00
86) Perylene-d12	15.22	264	308570	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	686108	58.28	ng		-0.02
7) Phenol-d6	6.30	99	846594	56.64	ng		-0.02
23) Nitrobenzene-d5	7.22	82	491825	39.32	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	113376	60.09	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	834839	50.05	ng		-0.02
78) Terphenyl-d14	12.75	244	593773	37.64	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	65921	7.011	ng	#	81
25) Isophorone	7.22	82	483793	19.116	ng	#	67
31) Naphthalene	7.96	128	279304	8.102	ng		100
32) Benzoic acid	7.75	122	1292	8.116	ng	#	72
33) 4-Chloroaniline	7.96	127	37062	2.645	ng	#	34
37) 2-Methylnaphthalene	8.65	142	317375	15.198	ng		99
48) Acenaphthylene	9.55	152	480822	17.895	ng		98
49) Dimethylphthalate	9.41	163	98417	4.497	ng		99
51) Acenaphthene	9.72	154	140518	8.227	ng		98
53) 2,4-Dinitrophenol	9.98	184	234	8.623	ng	#	1
54) Dibenzofuran	9.89	168	133354	5.927	ng	#	95
57) Fluorene	10.23	166	340114	18.262	ng		98
64) 4,6-Dinitro-2-methylphenol	10.29	198	137	5.010	ng	#	1
66) 4-Bromophenyl-phenylether	10.47	248	8623	2.073	ng	#	1
70) Phenanthrene	11.20	178	2090995	90.009	ng		99
71) Anthracene	11.24	178	676928	28.381	ng		98
72) Carbazole	11.40	167	92087	4.143	ng		99
74) Fluoranthene	12.39	202	2796292	120.240	ng		100
77) Pyrene	12.62	202	2780430	103.523	ng		99
80) Benzo(a)anthracene	13.80	228	1507699	75.533	ng		94
82) Chrysene	13.84	228	1461639	72.441	ng		97
85) Indeno(1,2,3-cd)pyrene	16.56	276	539502	38.111	ng		92
87) Benzo(b)fluoranthene	14.83	252	2023015	104.268	ng	#	96
88) Benzo(k)fluoranthene	14.83	252	2023015	111.689	ng		97
89) Benzo(a)pyrene	15.16	252	1066605	61.706	ng		96
90) Dibenzo(a,h)anthracene	16.56	278	151246	12.029	ng	#	74
91) Benzo(g,h,i)perylene	16.97	276	496890	39.289	ng		97

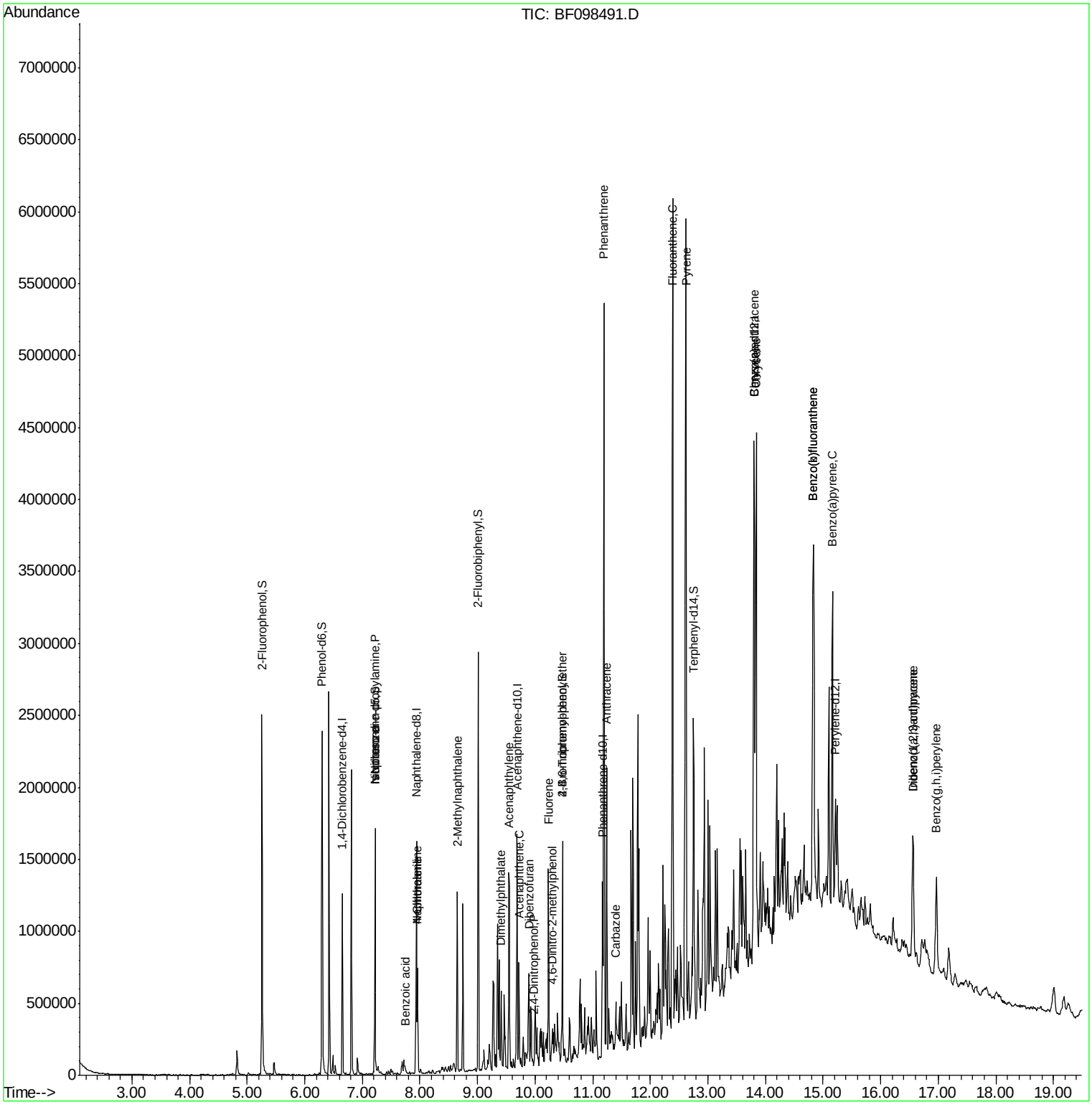
(#) = qualifier out of range (m) = manual integration (+) = signals summed

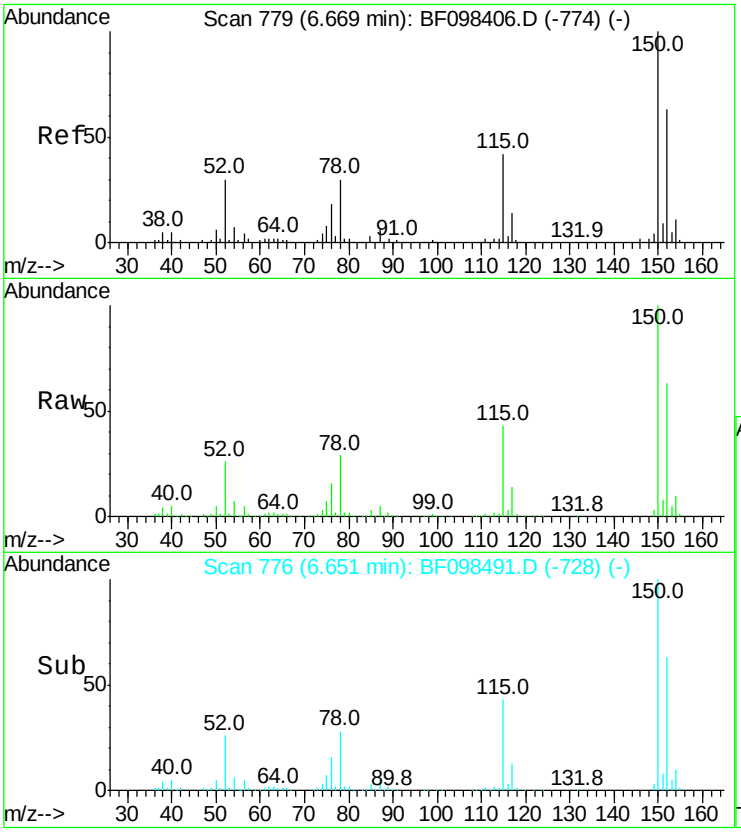
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098491.D
Acq On : 13 Sep 2017 15:45
Operator : SJ/JU
Sample : I5208-04 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 13 18:43:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration



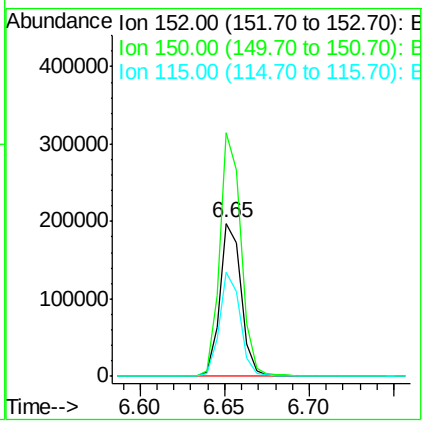


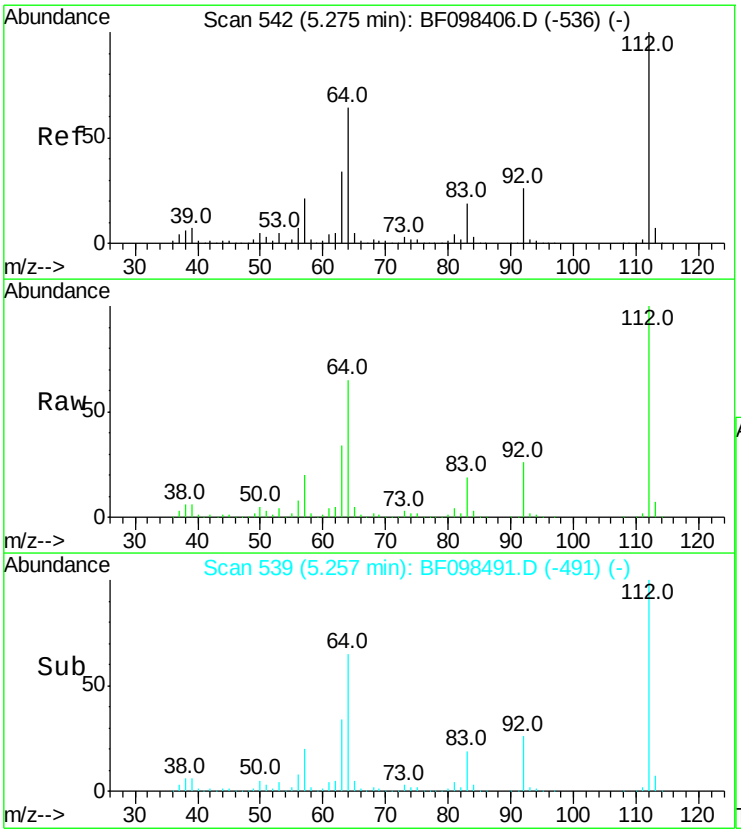
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 174066

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	68.5	52.2	78.2

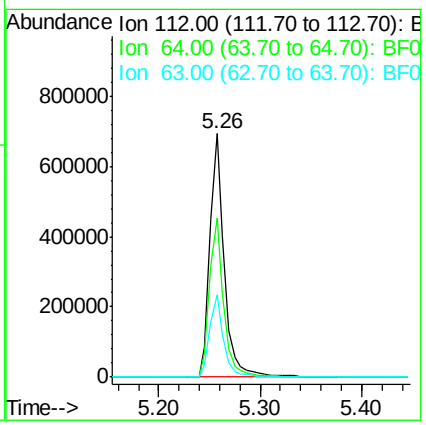


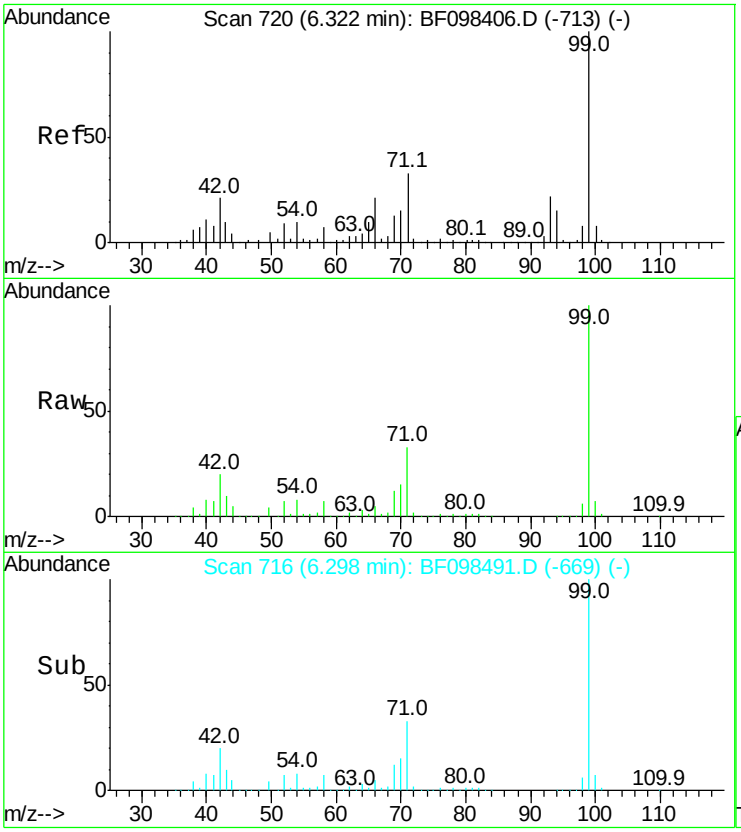


#5
2-Fluorophenol
Concen: 58.278 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:112 Resp: 686108

Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.0	69.0
63	33.7	23.4	35.0



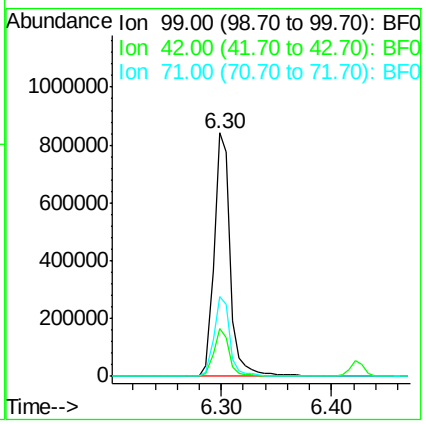


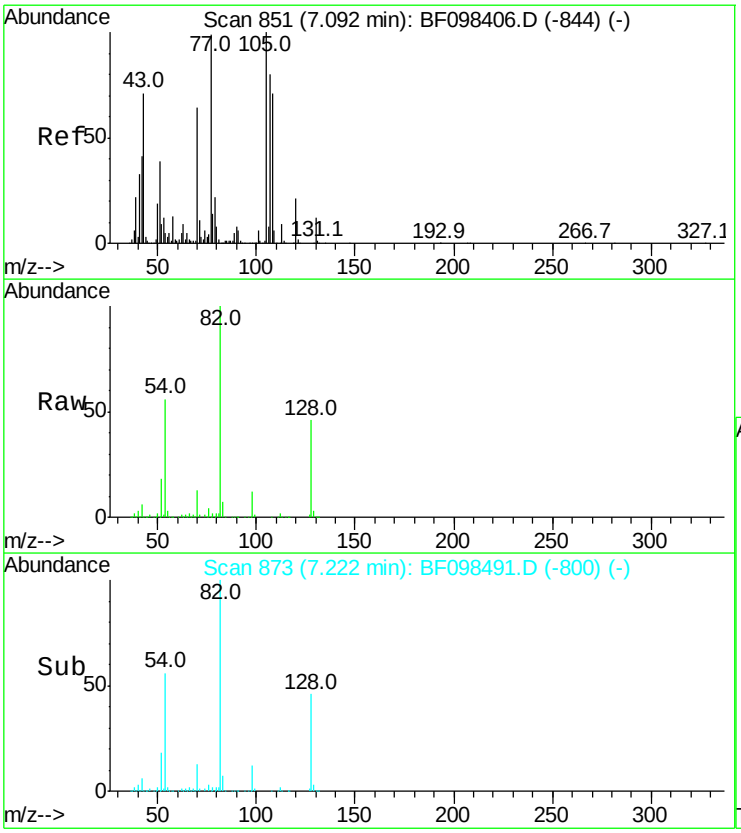
#7
Phenol-d6
Concen: 56.637 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 846594

Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.5	20.3
71	32.9	24.5	36.7

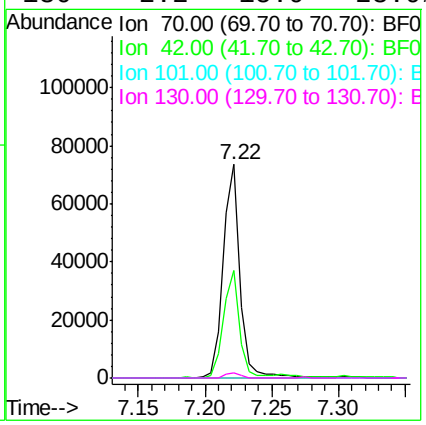


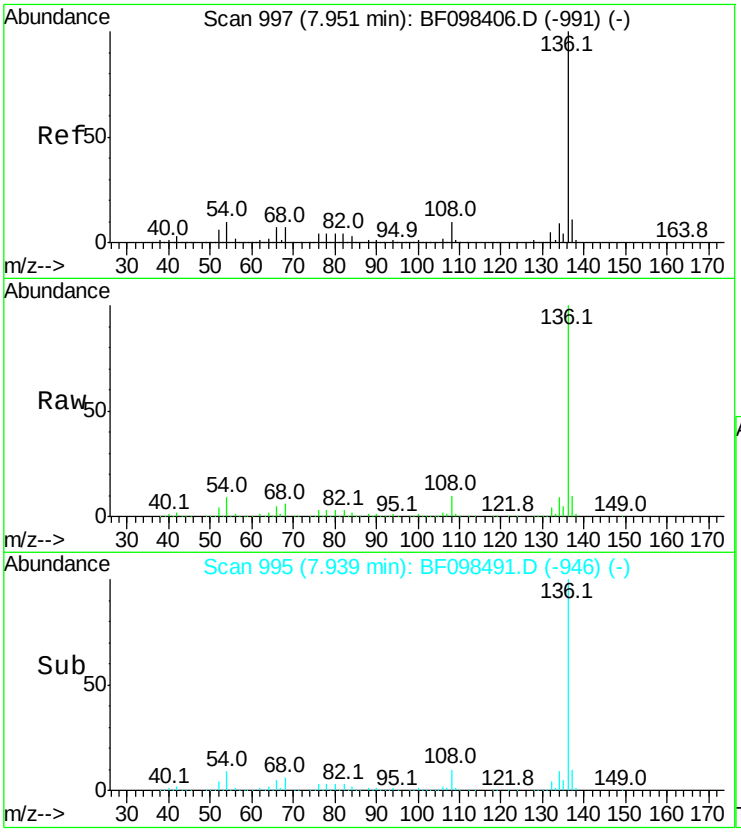


#19
n-Nitroso-di-n-propylamine
Concen: 7.011 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion: 70 Resp: 65921

Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



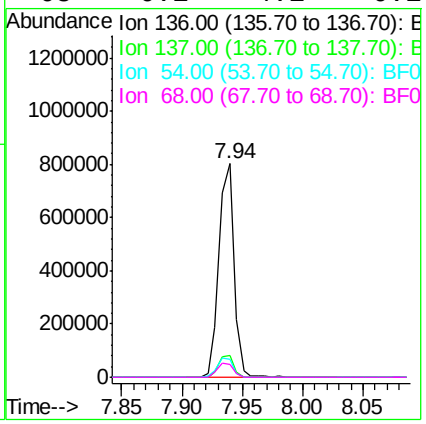


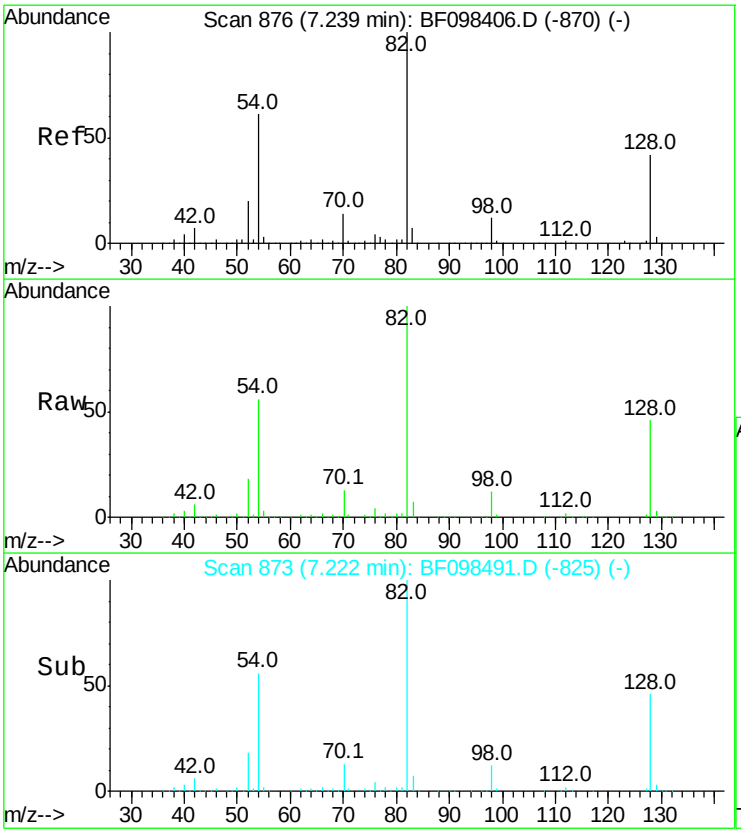
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 697358

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	8.6	4.9	7.3#
68	6.1	4.1	6.1

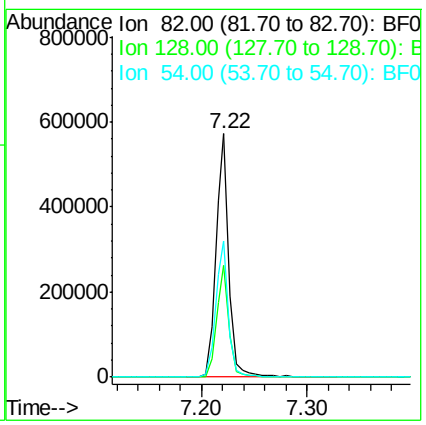


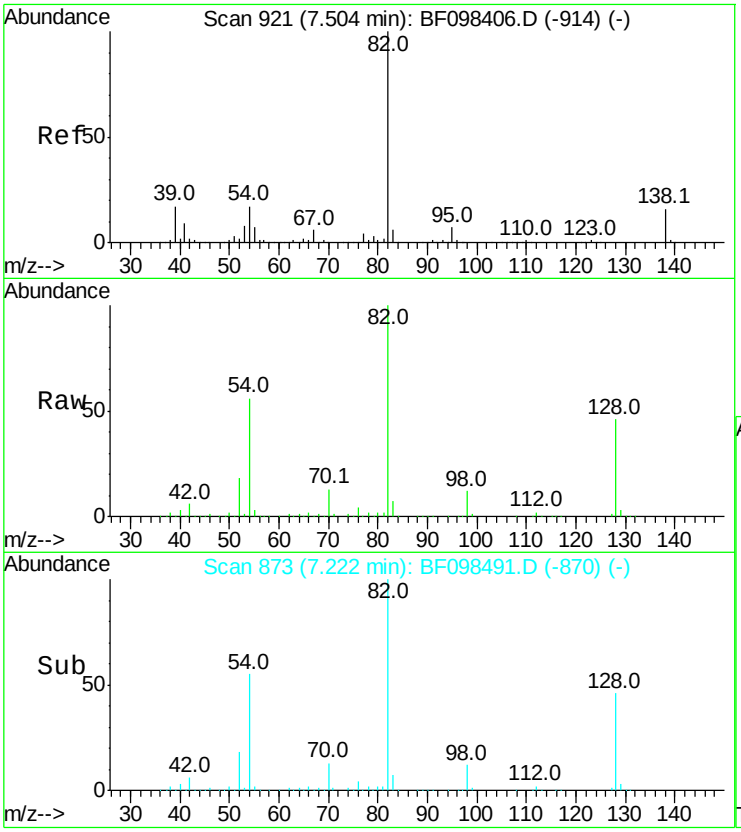


#23
Nitrobenzene-d5
Concen: 39.318 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion: 82 Resp: 491825

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	55.6	42.2	63.2



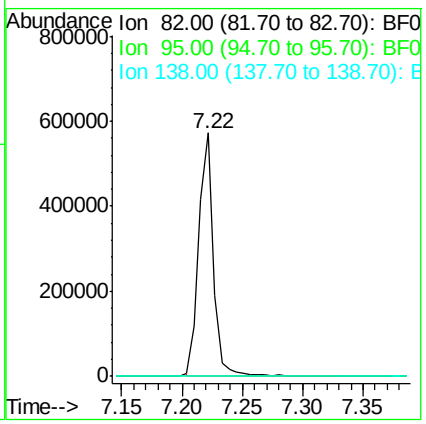


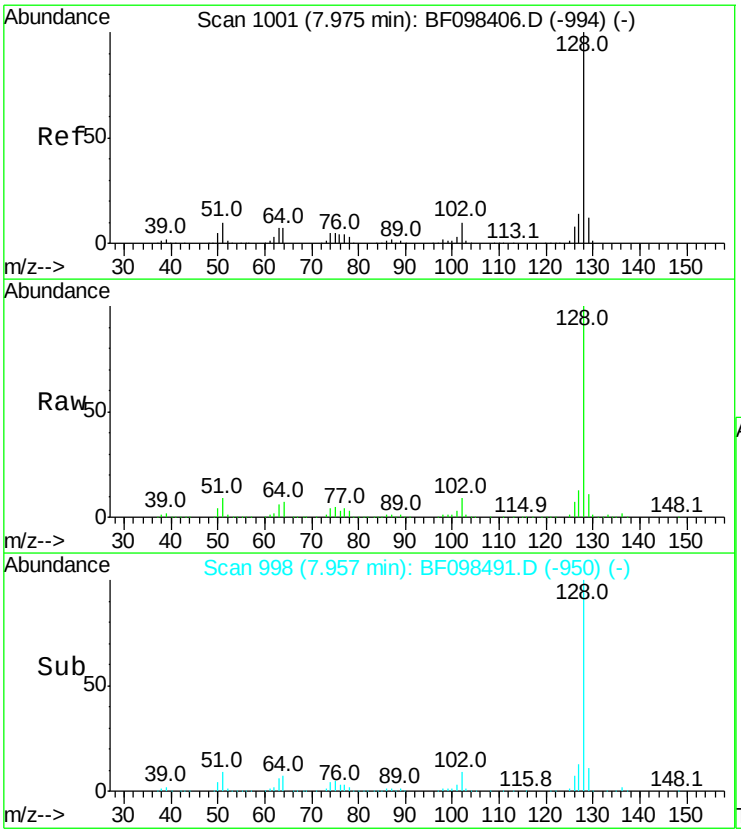
#25
Isophorone
Concen: 19.116 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 483793

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

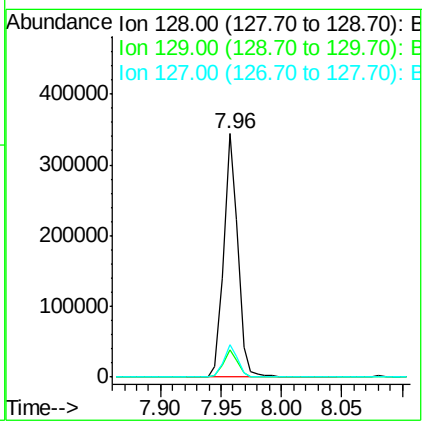


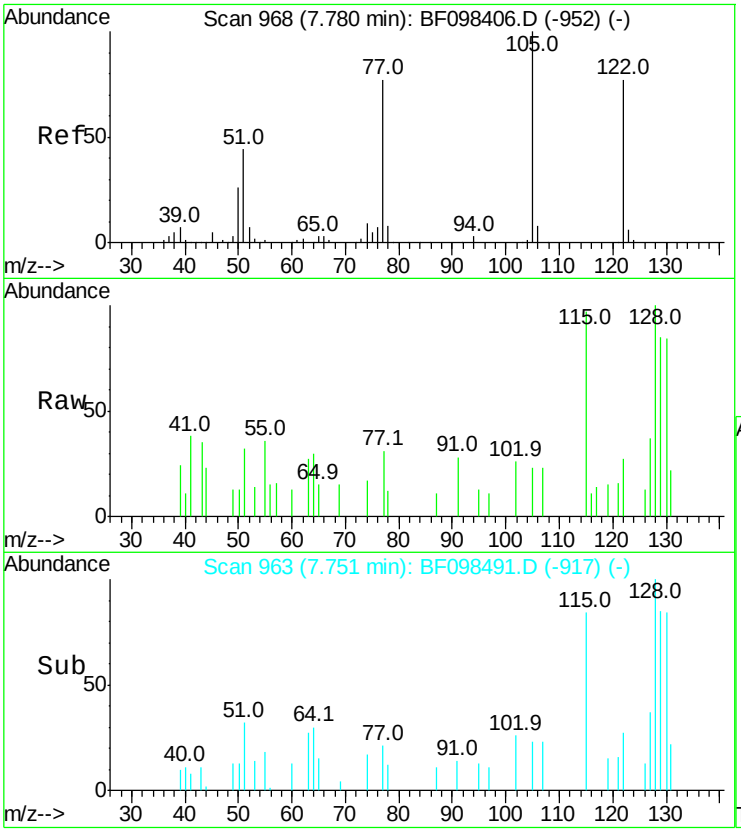


#31
Naphthalene
Concen: 8.102 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:128 Resp: 279304

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.5	10.8	16.2



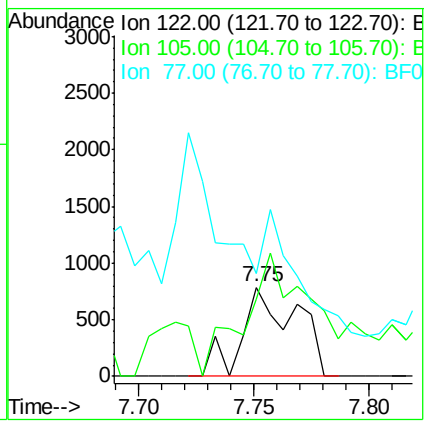


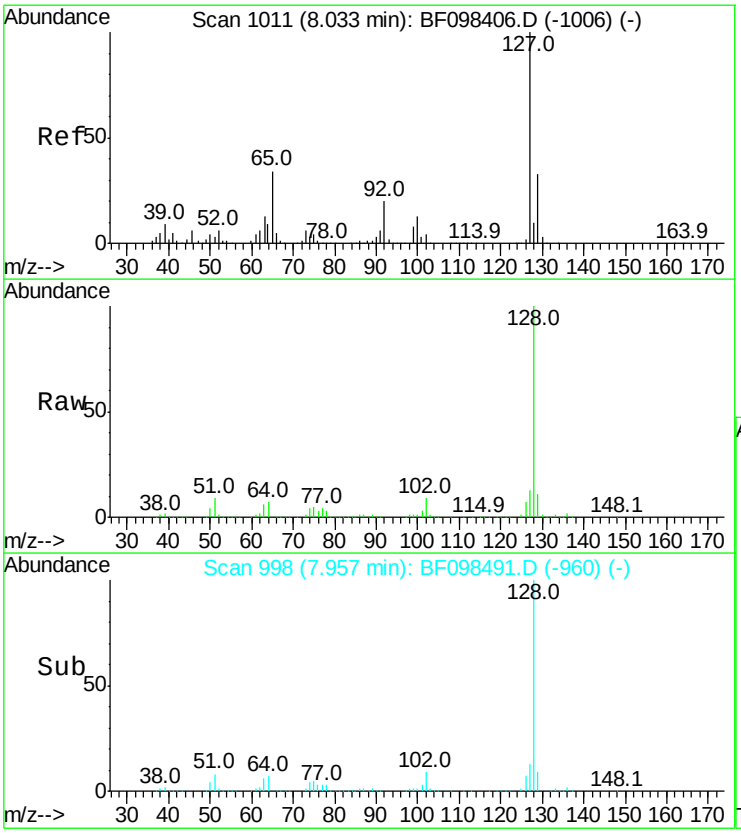
#32
Benzoic acid
Concen: 8.116 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1292

Ion	Ratio	Lower	Upper
122	100		
105	87.1	103.3	143.3#
77	115.5	73.7	113.7#

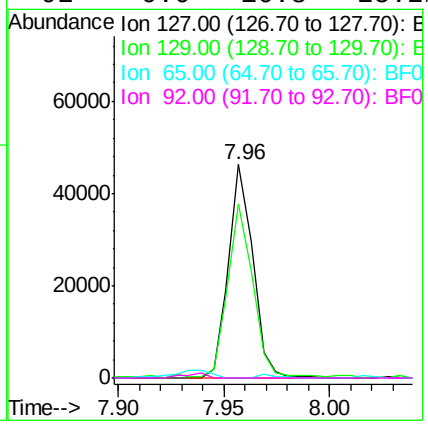


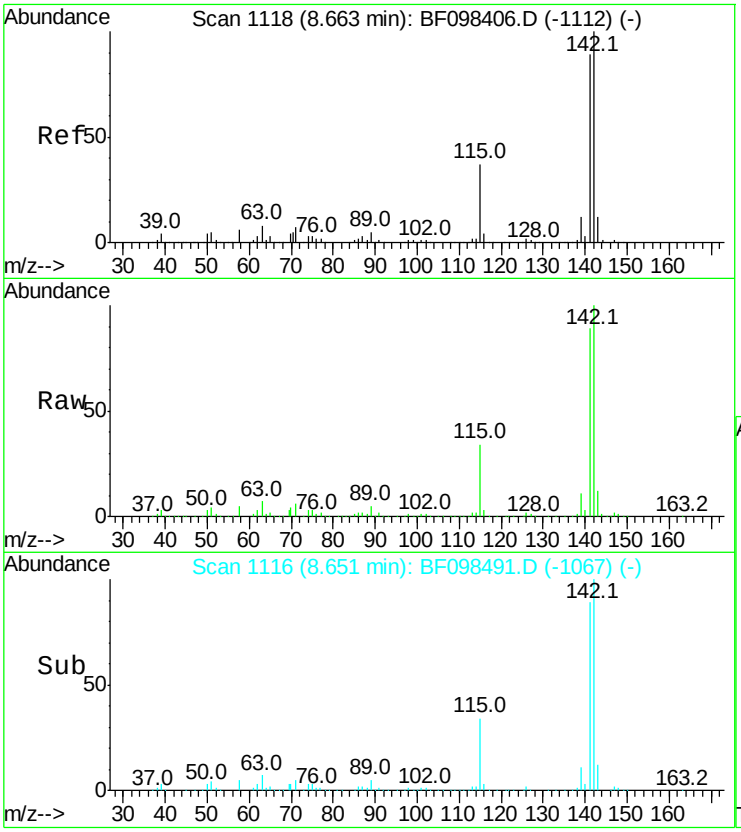


#33
4-Chloroaniline
Concen: 2.645 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.08 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:127 Resp: 37062

Ion	Ratio	Lower	Upper
127	100		
129	81.6	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



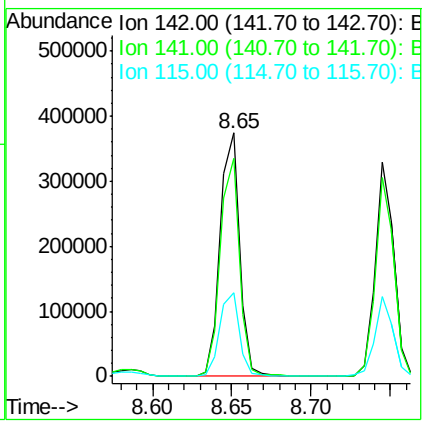


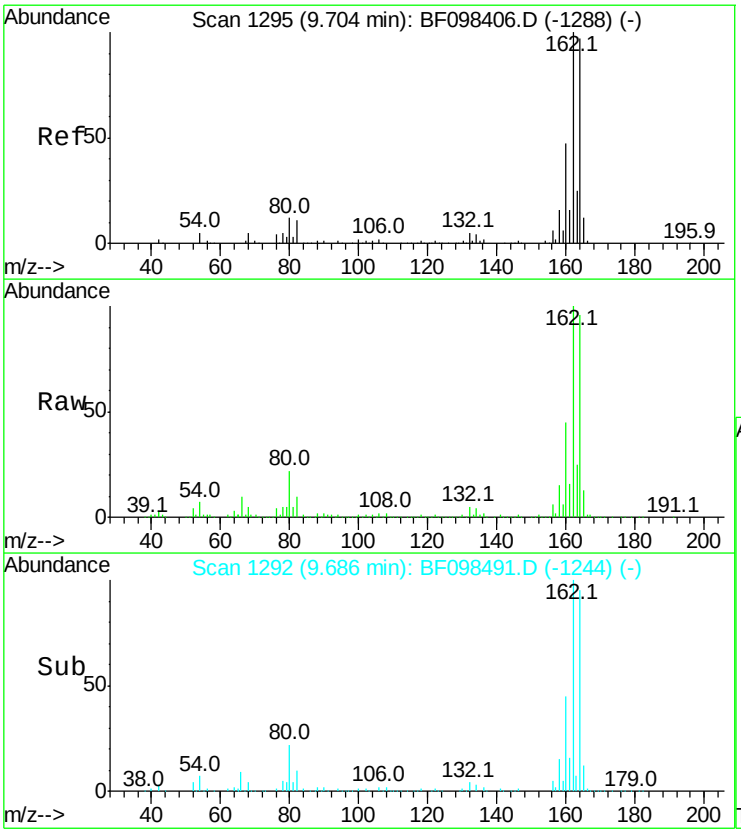
#37
2-Methylnaphthalene
Concen: 15.198 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 317375

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	34.4	27.1	40.7

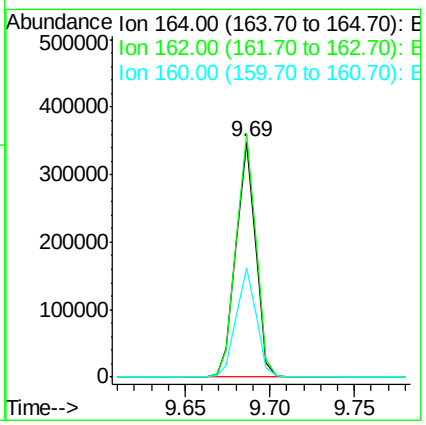


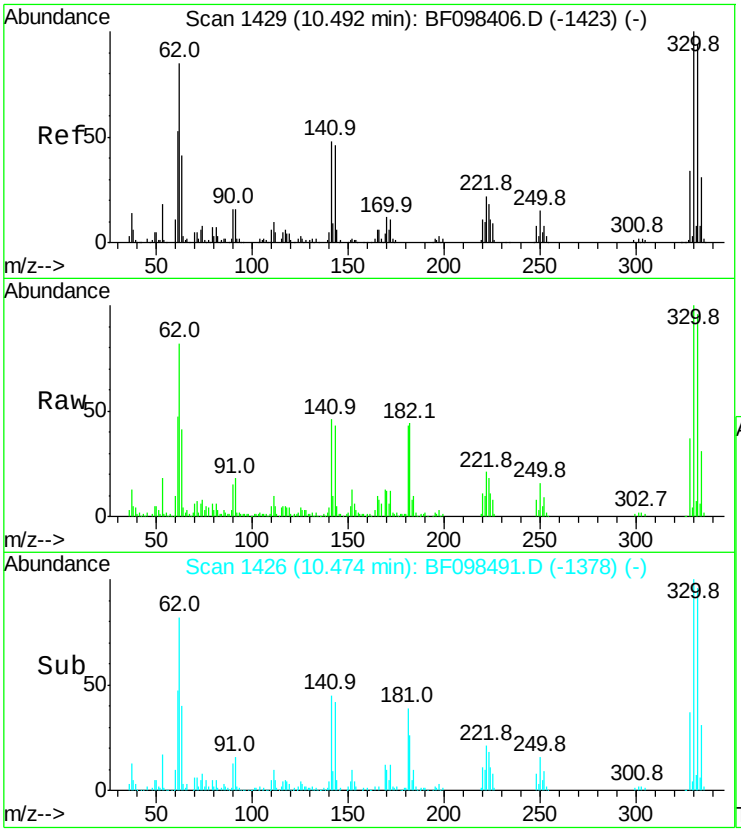


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:164 Resp: 282704

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	46.6	36.2	54.2



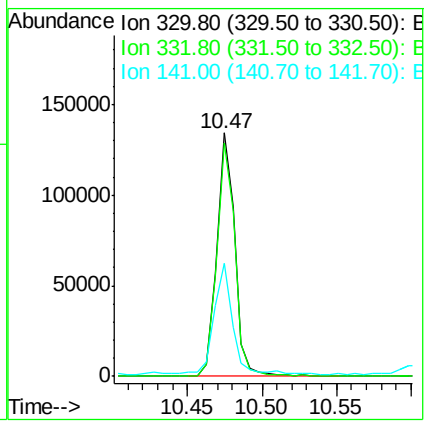


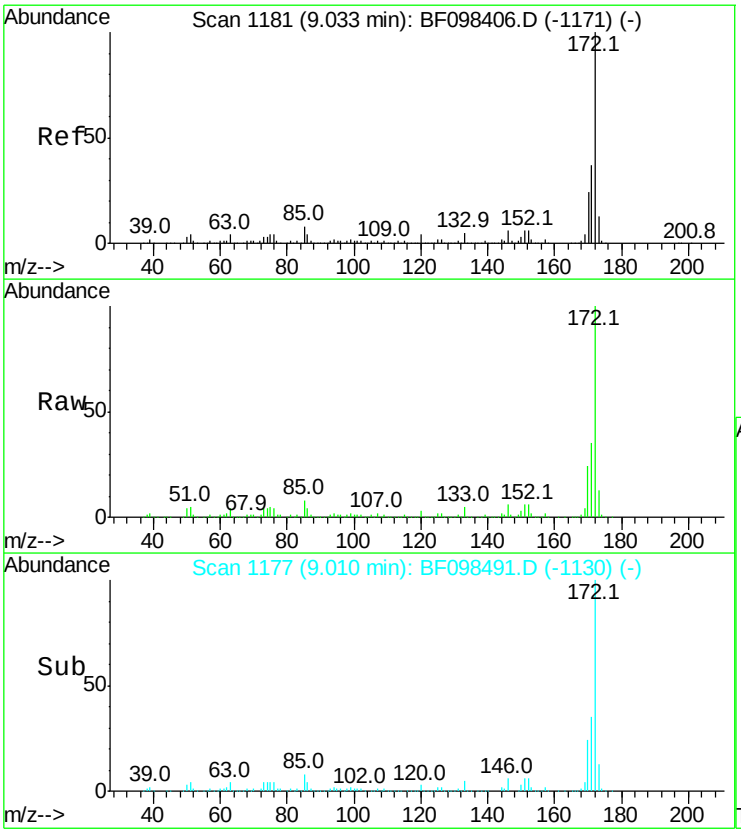
#41
2,4,6-Tribromophenol
Concen: 60.088 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 113376

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	47.9	31.4	47.2#

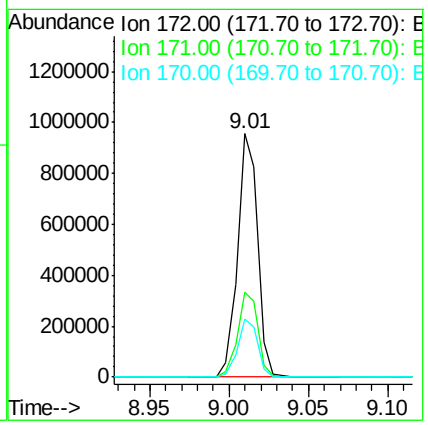


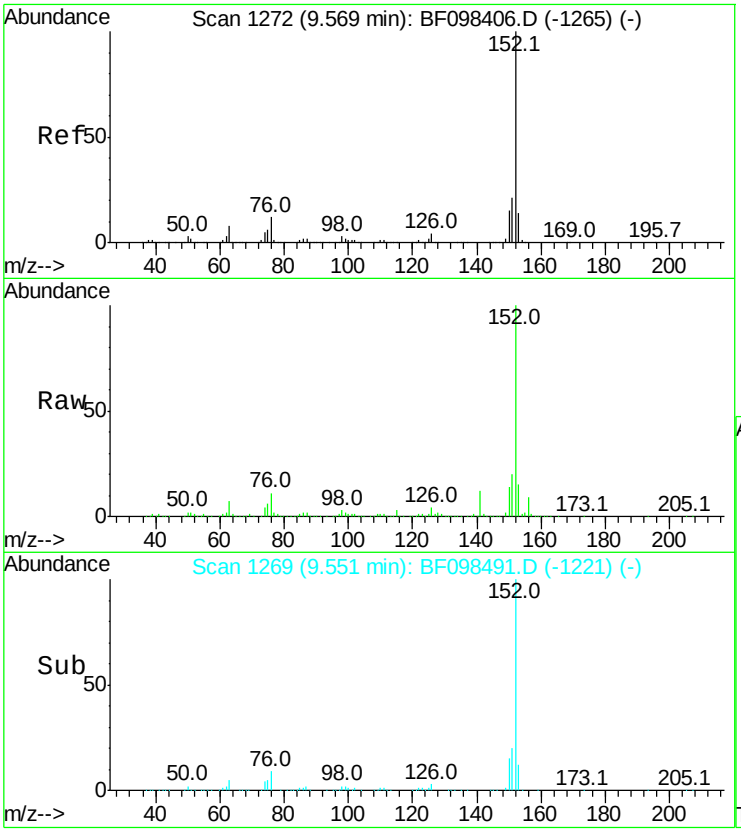


#44
2-Fluorobiphenyl
Concen: 50.052 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:172 Resp: 834839

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.9	19.8	29.8



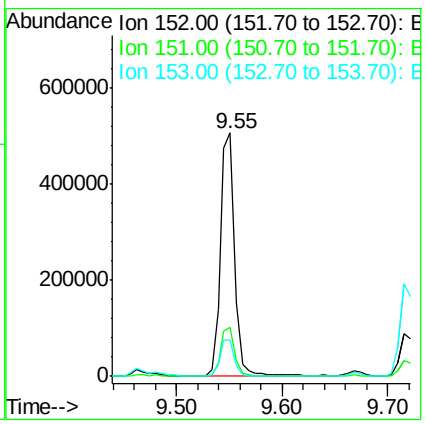


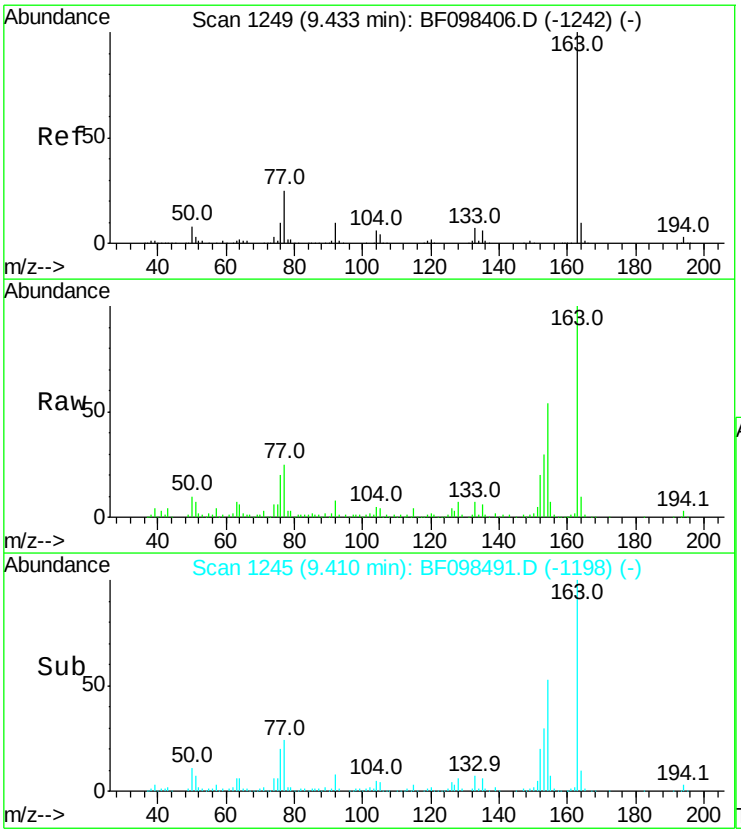
#48
Acenaphthylene
Concen: 17.895 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 480822

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	14.7	10.8	16.2

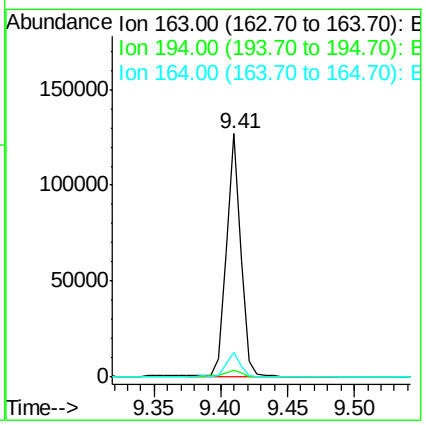


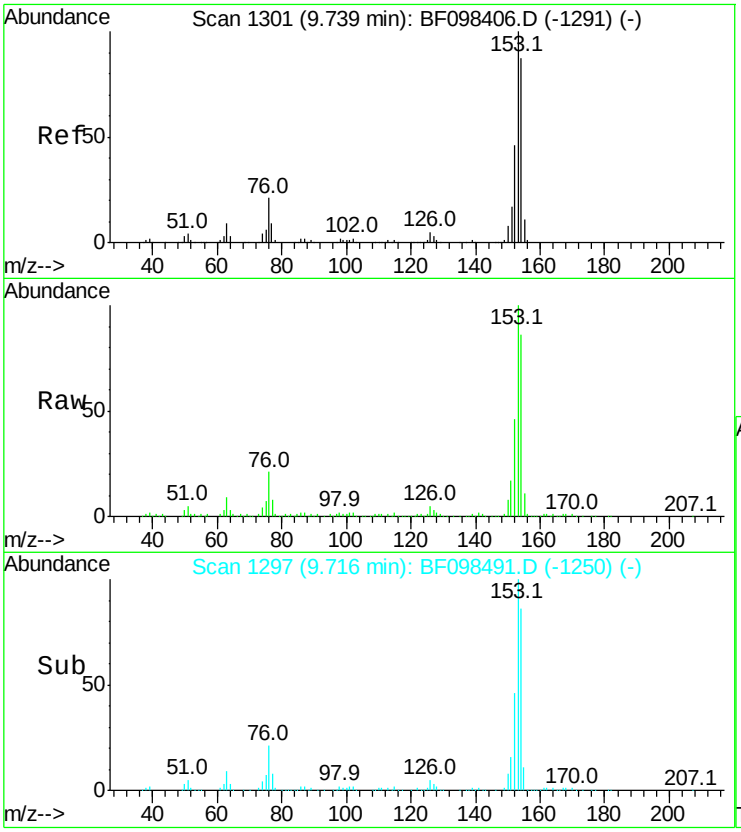


#49
Dimethylphthalate
Concen: 4.497 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:163 Resp: 98417

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.2	8.4	12.6



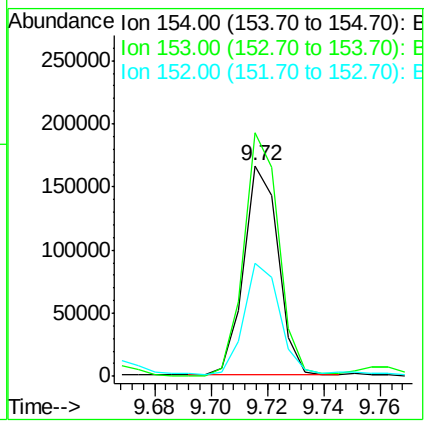


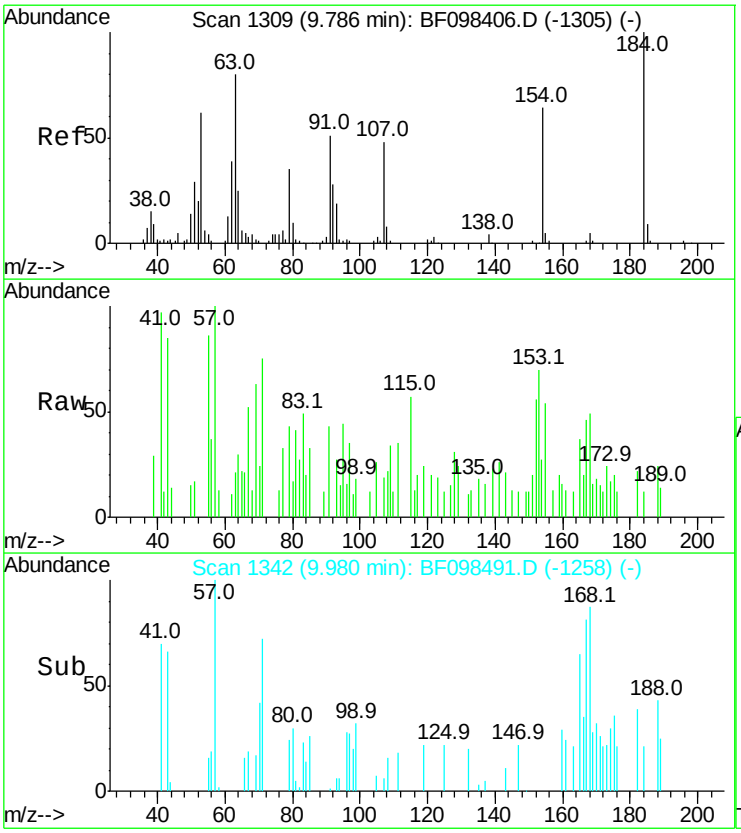
#51
Acenaphthene
Concen: 8.227 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 140518

Ion	Ratio	Lower	Upper
154	100		
153	115.6	90.5	135.7
152	53.5	43.6	65.4

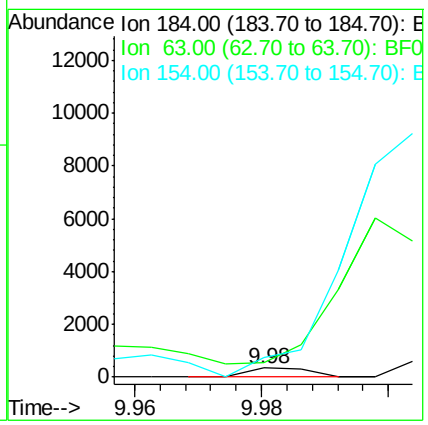


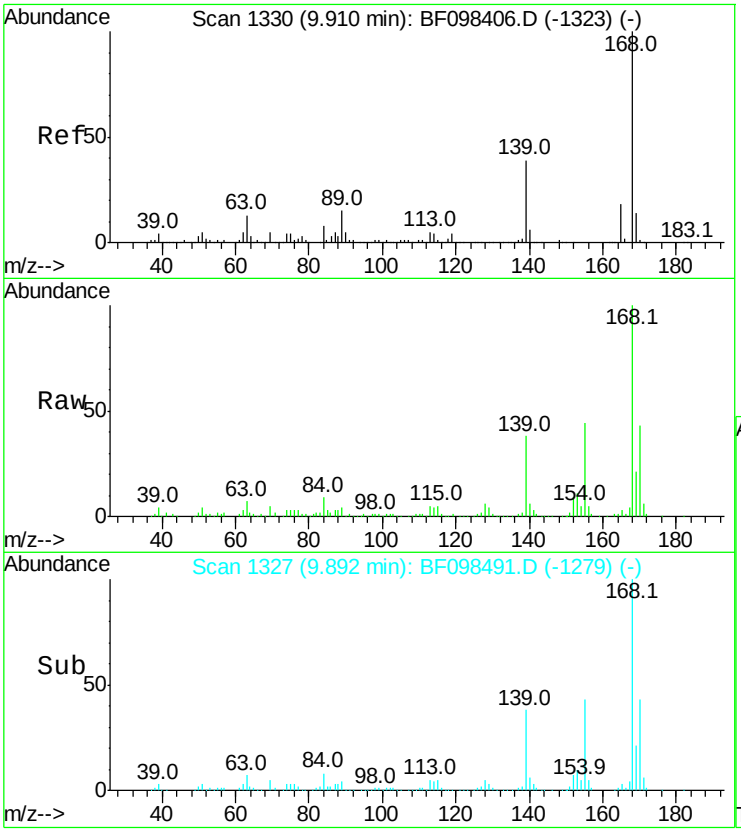


#53
2,4-Dinitrophenol
Concen: 8.623 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.19 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:184 Resp: 234

Ion	Ratio	Lower	Upper
184	100		
63	172.1	62.7	94.1#
154	221.6	81.1	121.7#



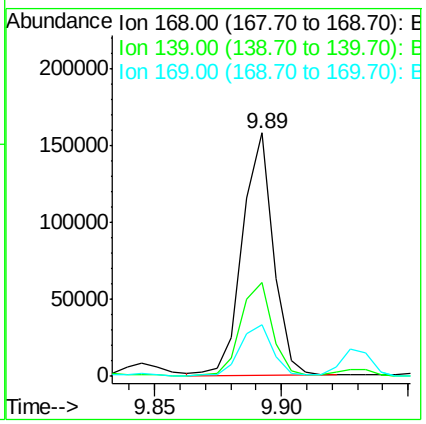


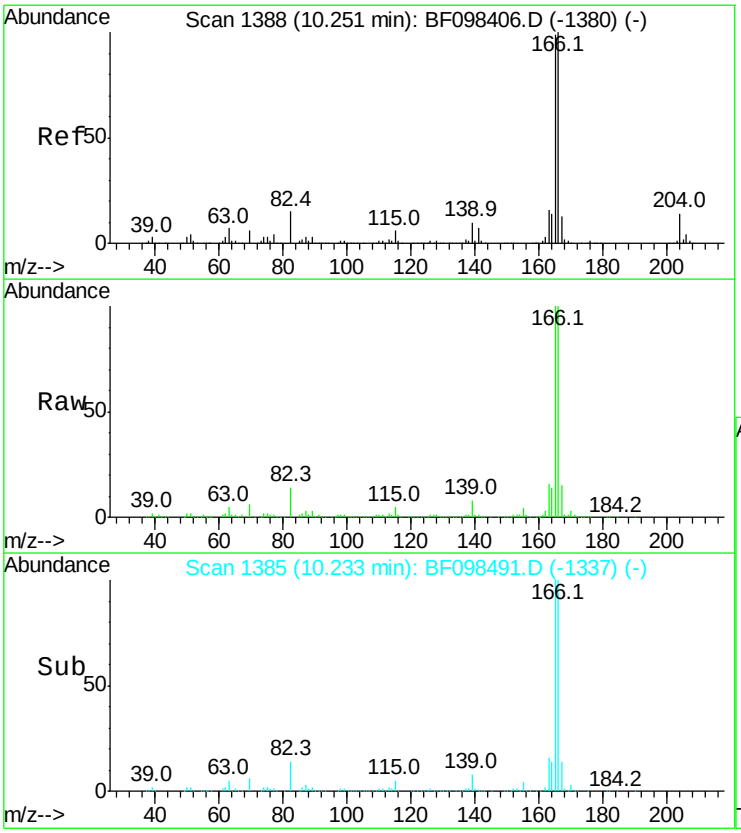
#54
Dibenzofuran
Concen: 5.927 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 133354

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.6	45.8
169	21.2	10.8	16.2#

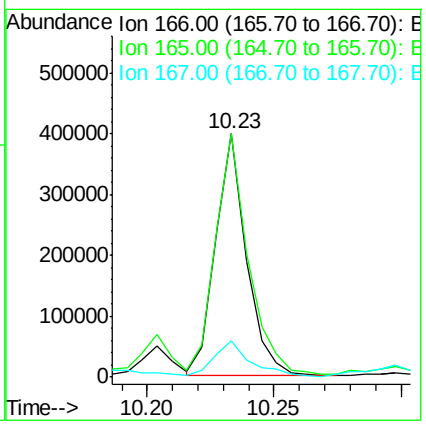


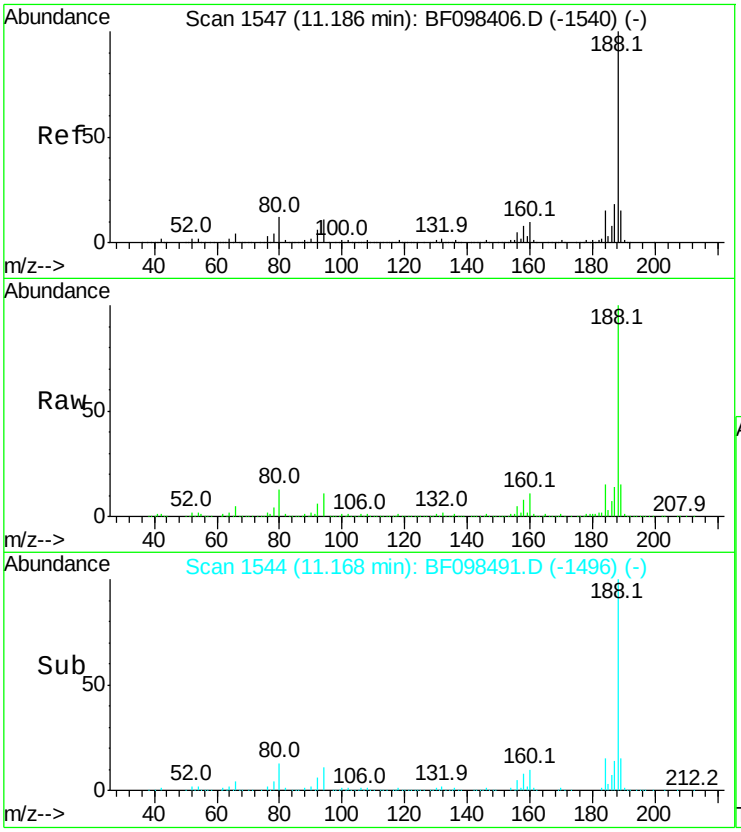


#57
Fluorene
Concen: 18.262 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:166 Resp: 340114

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.8	118.2
167	14.7	10.6	16.0



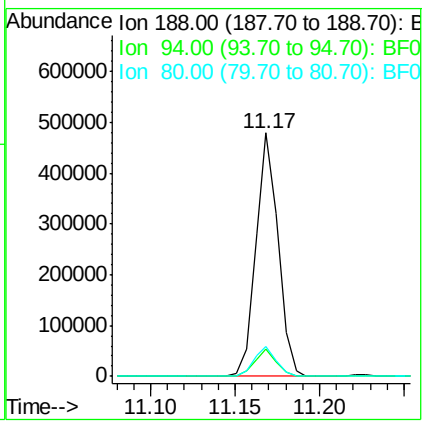


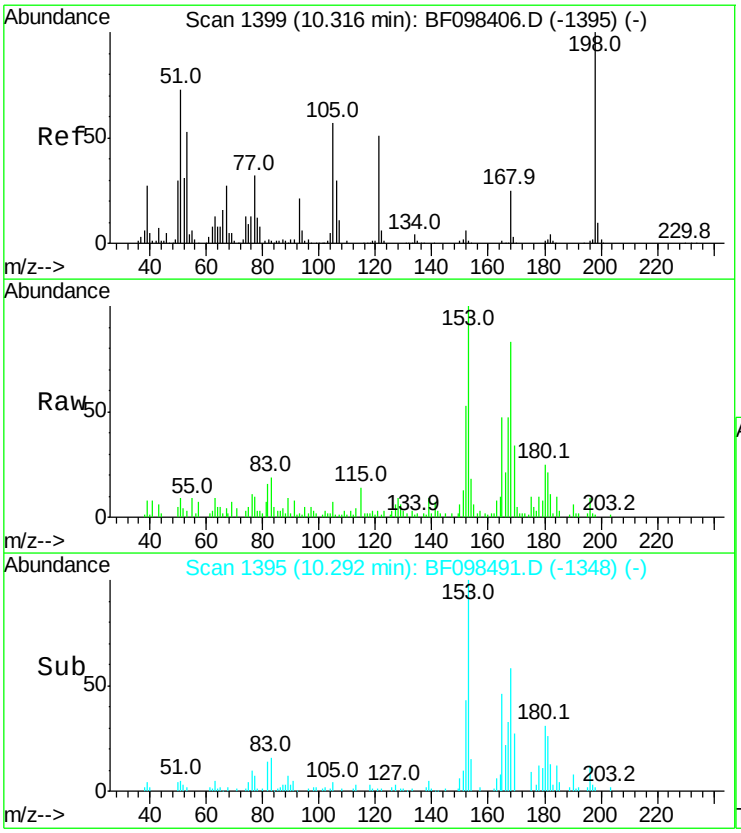
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 438213

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	12.5	10.2	15.2

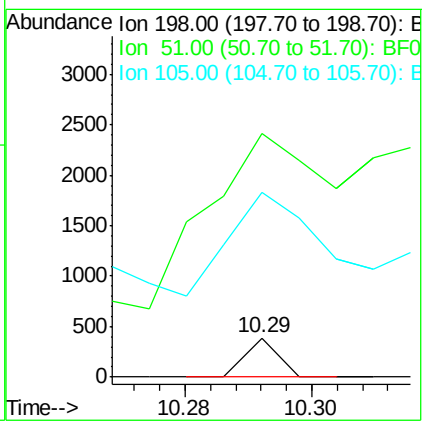


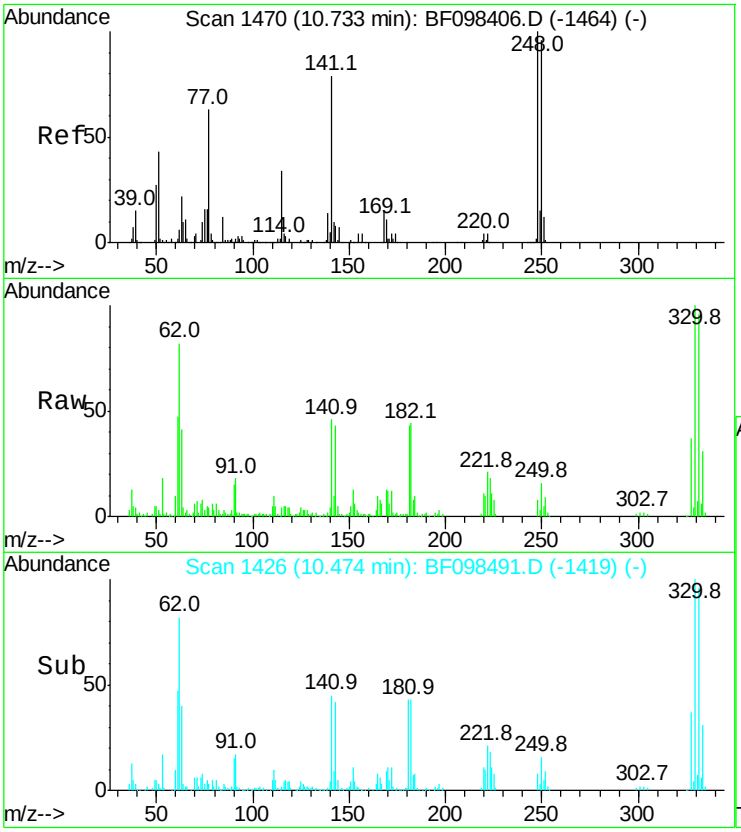


#64
4,6-Dinitro-2-methylphenol
Concen: 5.010 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:198 Resp: 137

Ion	Ratio	Lower	Upper
198	100		
51	620.1	53.2	93.2#
105	471.0	45.8	85.8#



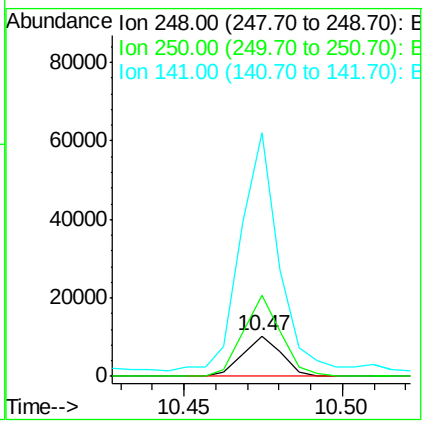


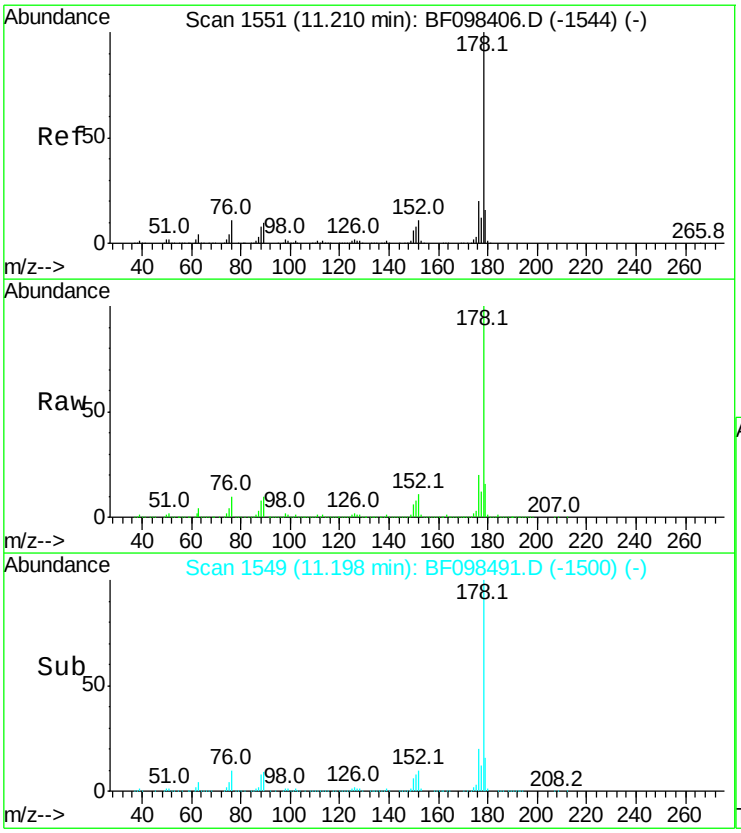
#66
4-Bromophenyl-phenylether
Concen: 2.073 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.26 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8623

Ion	Ratio	Lower	Upper
248	100		
250	202.4	76.8	115.2#
141	603.2	68.6	103.0#

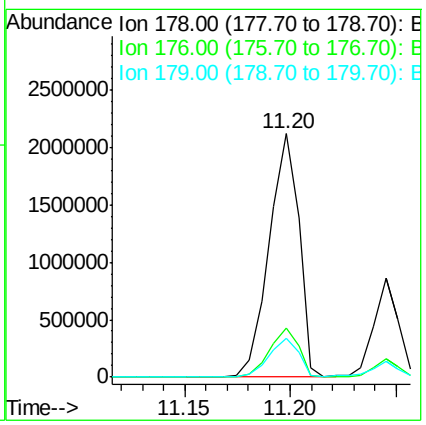


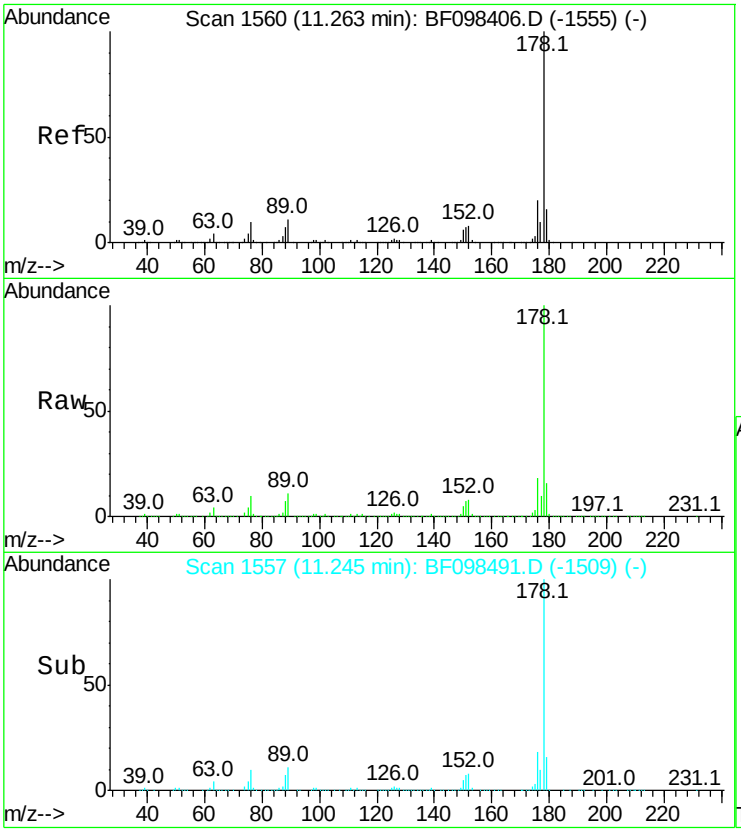


#70
Phenanthrene
Concen: 90.009 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:178 Resp: 2090995

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.9	12.6	19.0



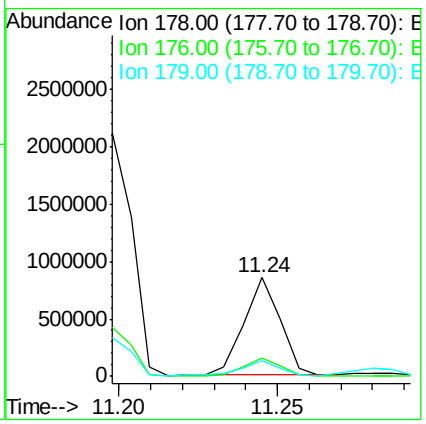


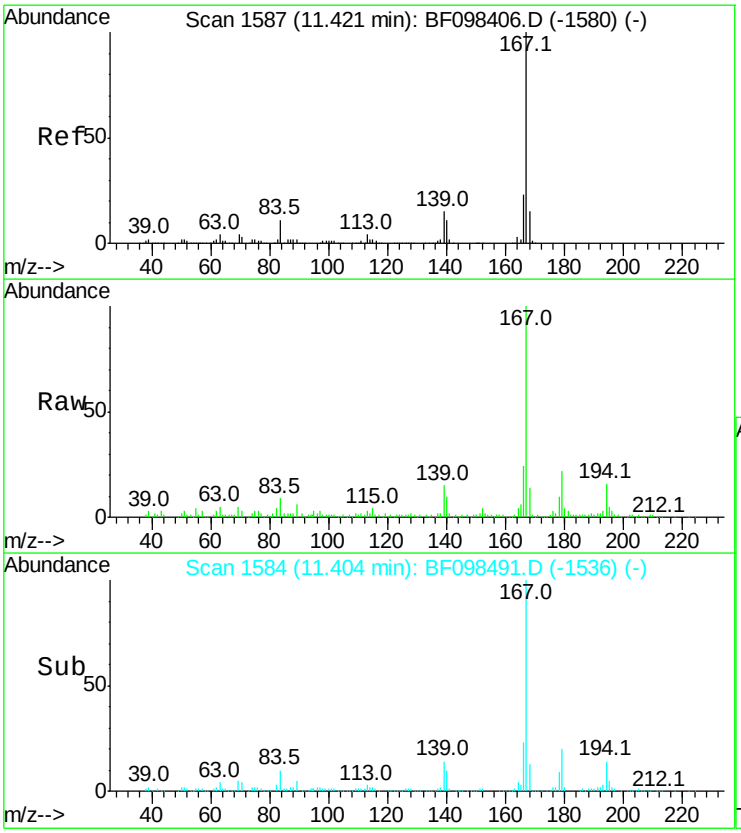
#71
Anthracene
Concen: 28.381 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 676928

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	16.1	12.7	19.1

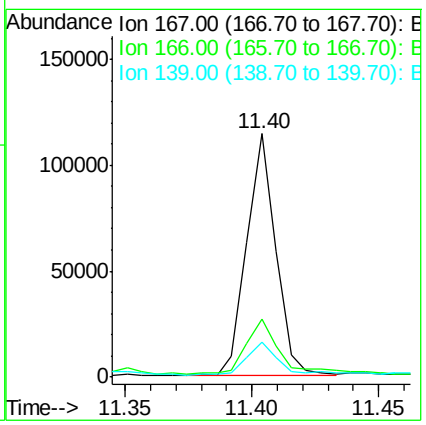


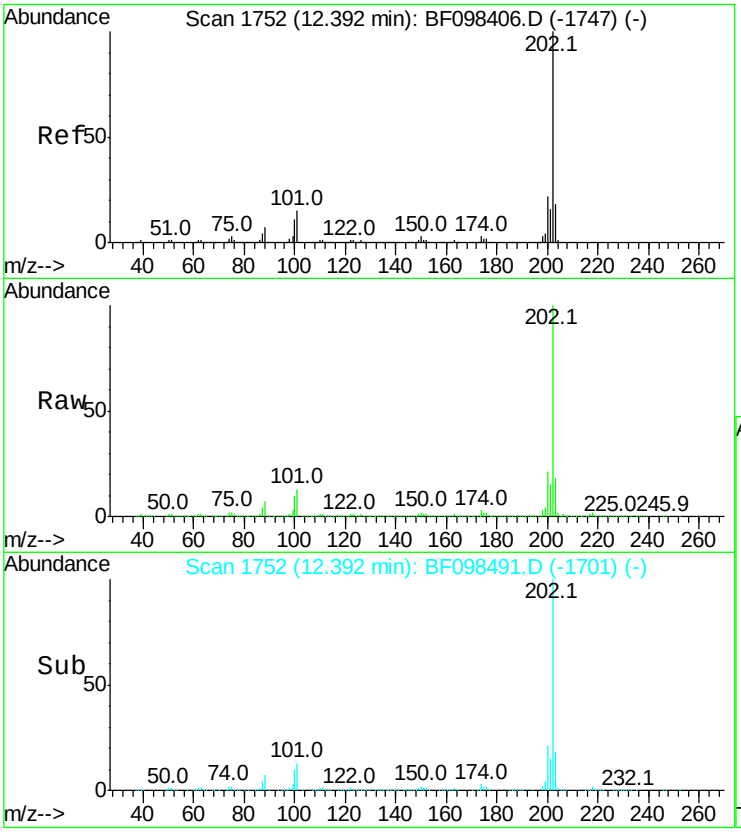


#72
Carbazole
Concen: 4.143 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:167 Resp: 92087

Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.1	27.1
139	14.5	11.7	17.5



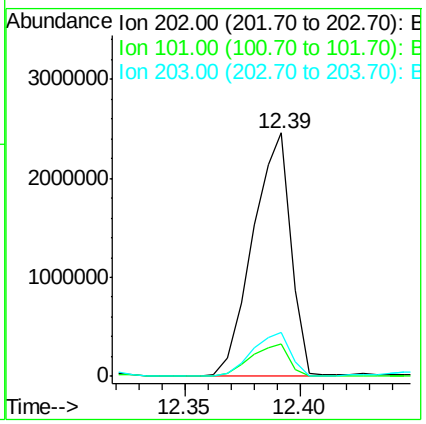


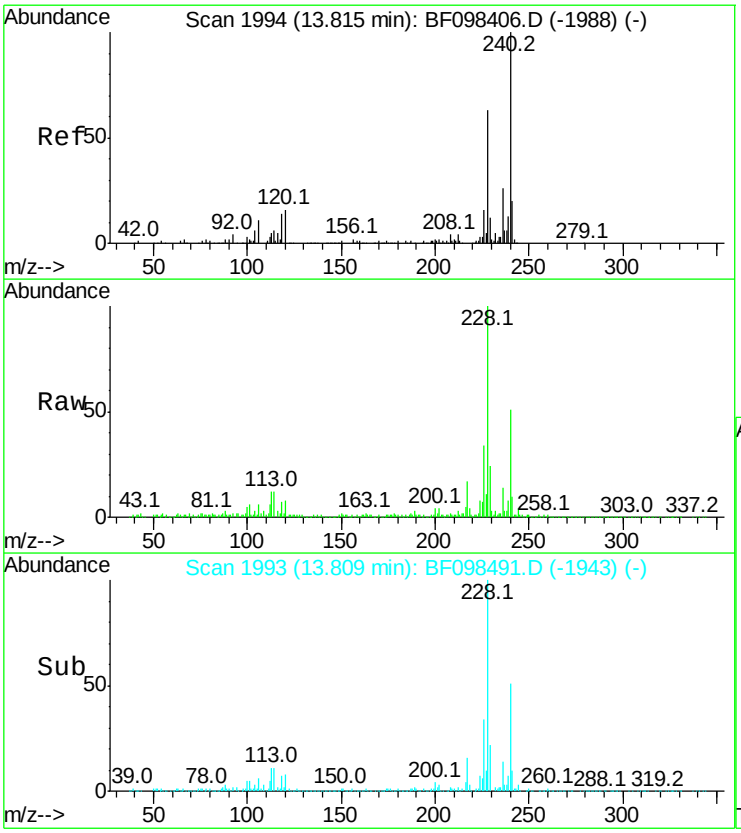
#74
Fluoranthene
Concen: 120.240 ng
RT: 12.39 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 2796292

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	18.0	0.0	38.1

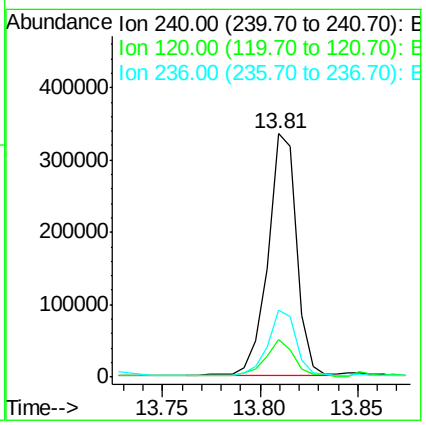


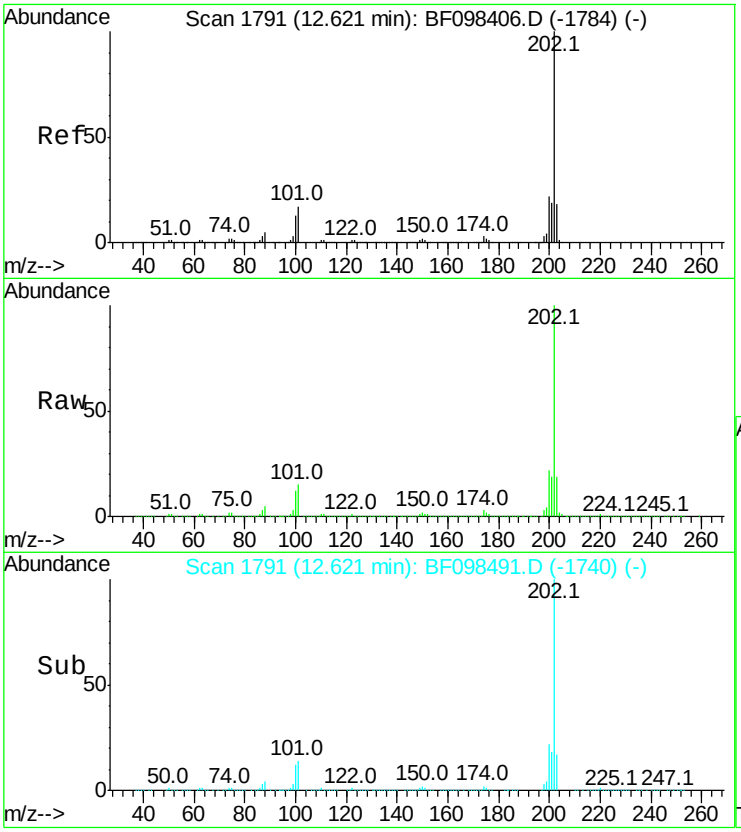


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:240 Resp: 340465

Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	27.4	20.5	30.7



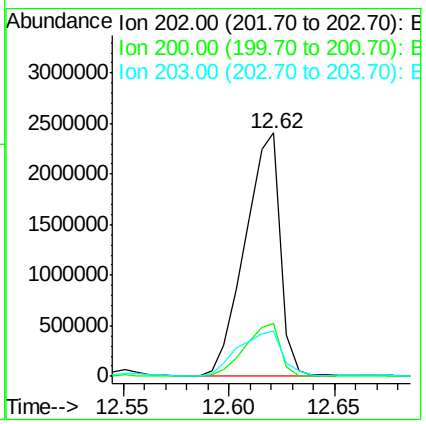


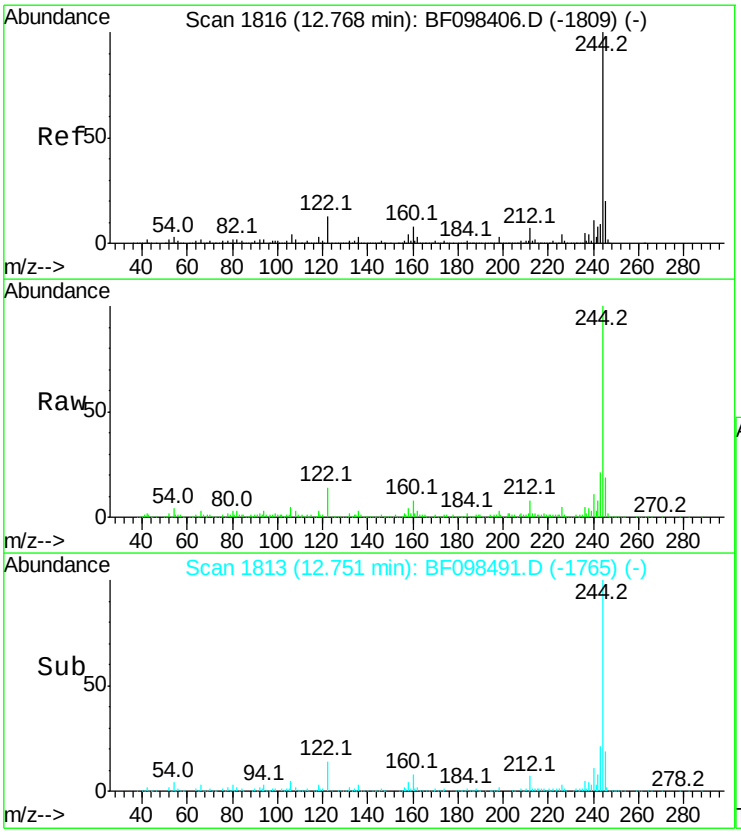
#77
Pyrene
Concen: 103.523 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 2780430

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.6	14.4	21.6

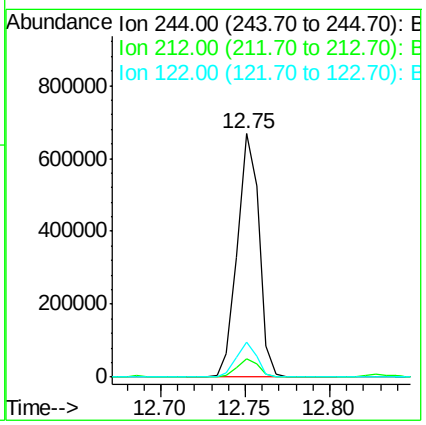


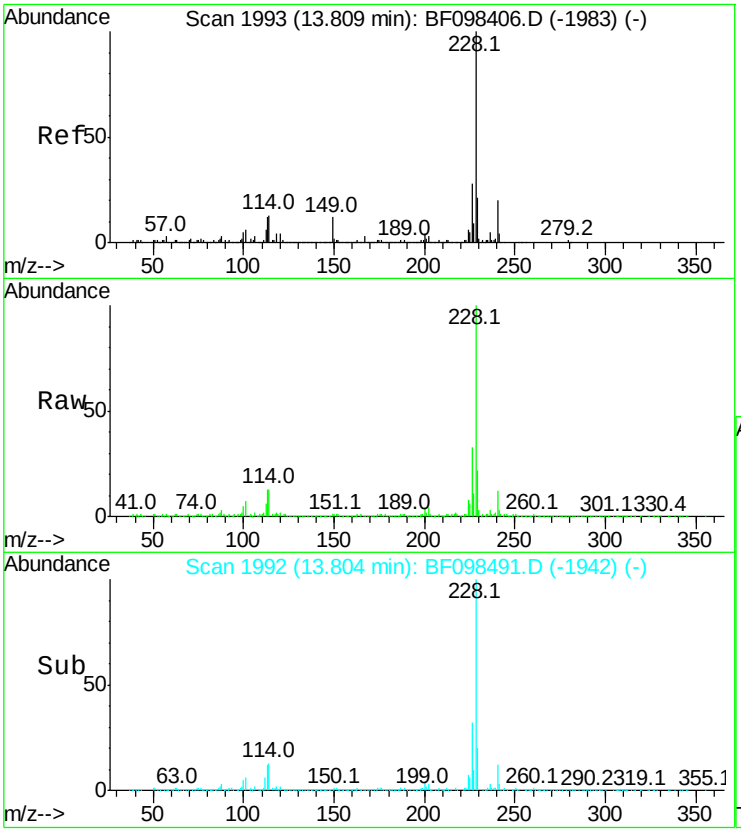


#78
Terphenyl-d14
Concen: 37.644 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:244 Resp: 593773

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	14.2	10.3	15.5



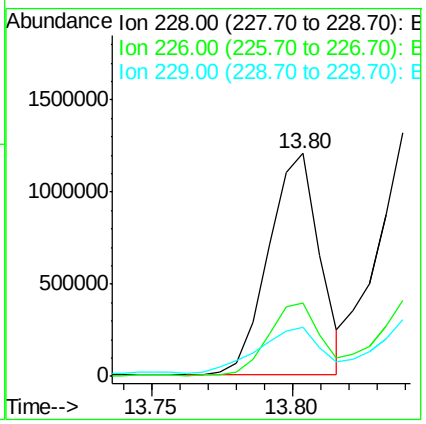


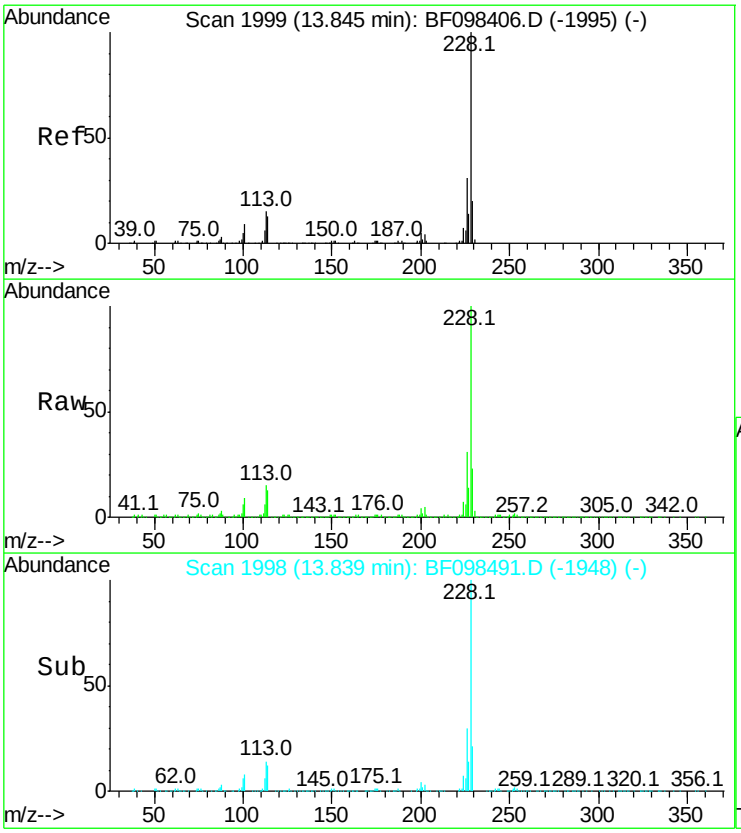
#80
Benzo(a)anthracene
Concen: 75.533 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1507699

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	21.8	16.3	24.5

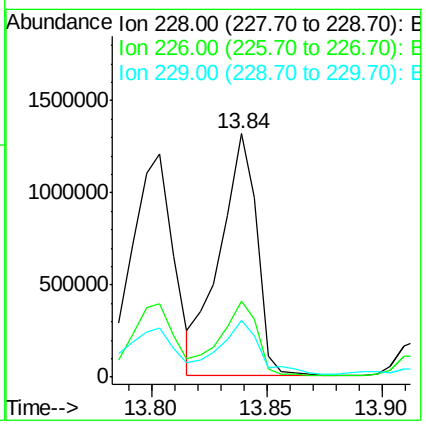


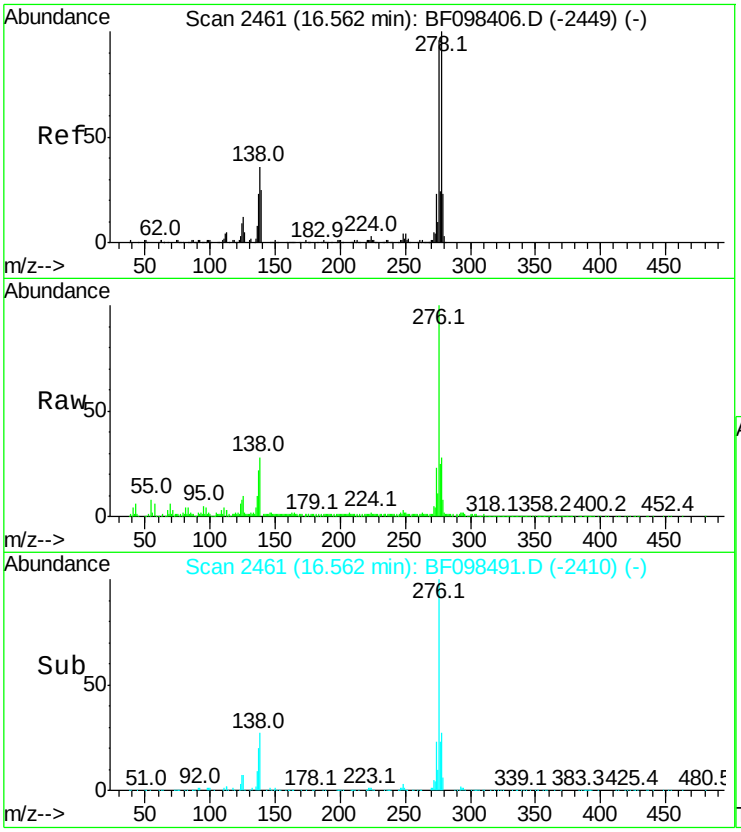


#82
Chrysene
Concen: 72.441 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:228 Resp: 1461639

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	23.2	15.8	23.6



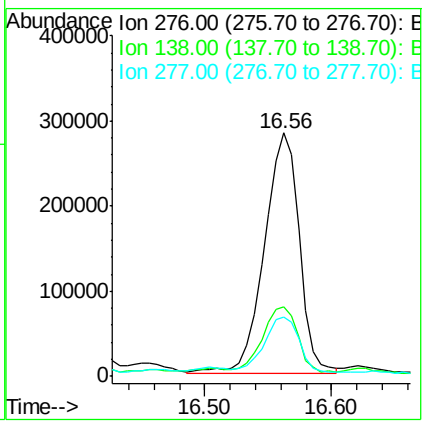


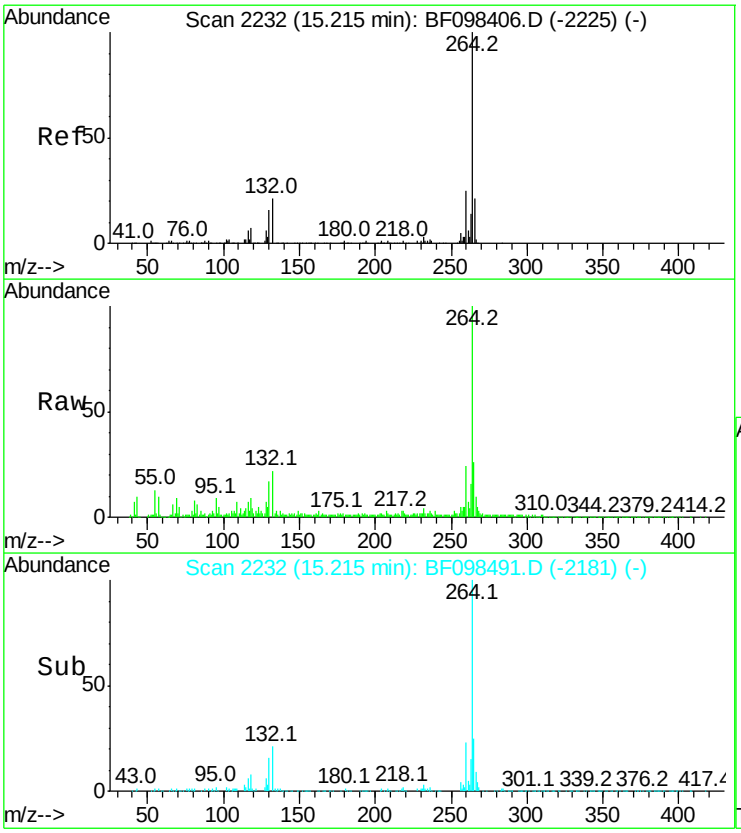
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.111 ng
RT: 16.56 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 539502

Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	23.0	20.2	30.4

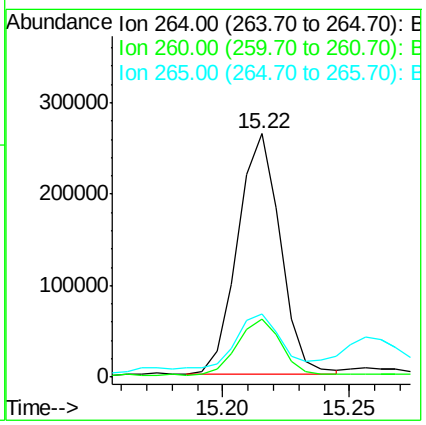


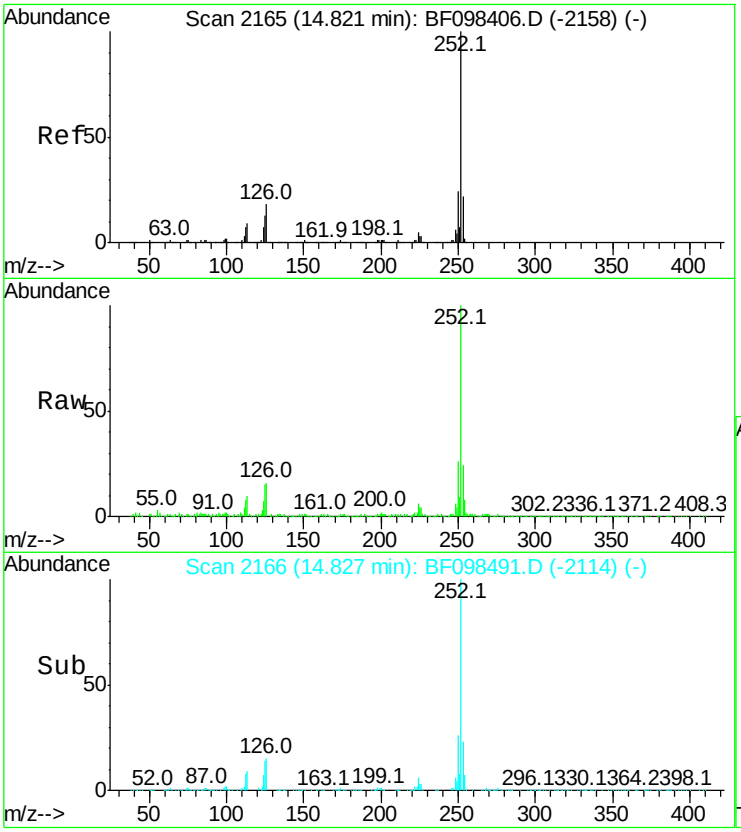


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:264 Resp: 308570

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	25.9	17.2	25.8#



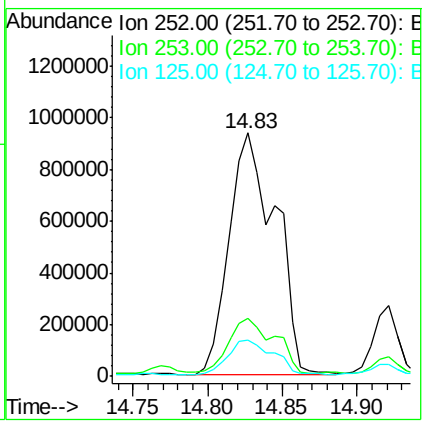


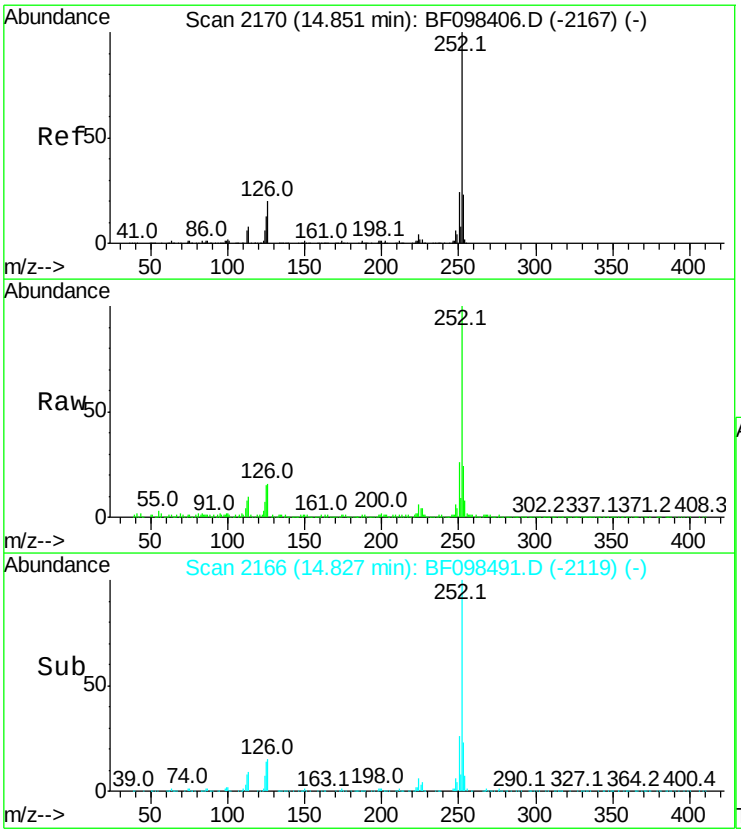
#87
Benzo(b)fluoranthene
Concen: 104.268 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 2023015

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	14.9	9.8	14.8#

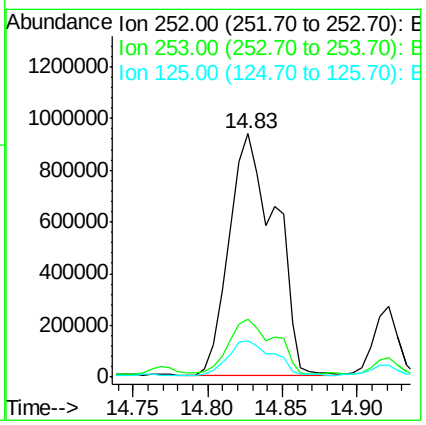


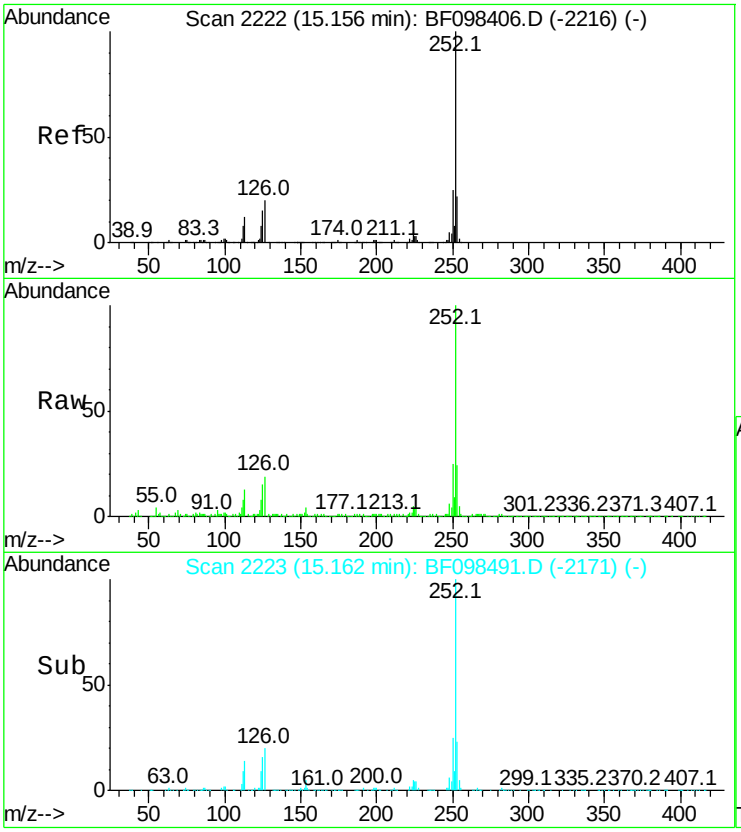


#88
Benzo(k)fluoranthene
Concen: 111.689 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:252 Resp: 2023015

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	14.9	13.1	19.7



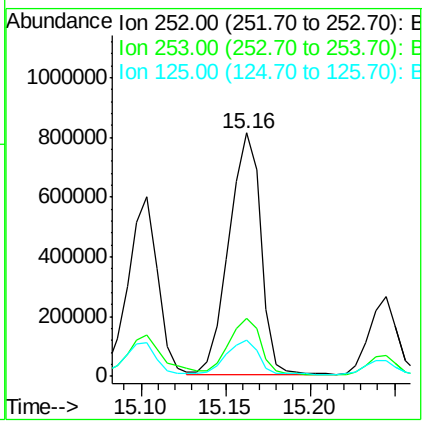


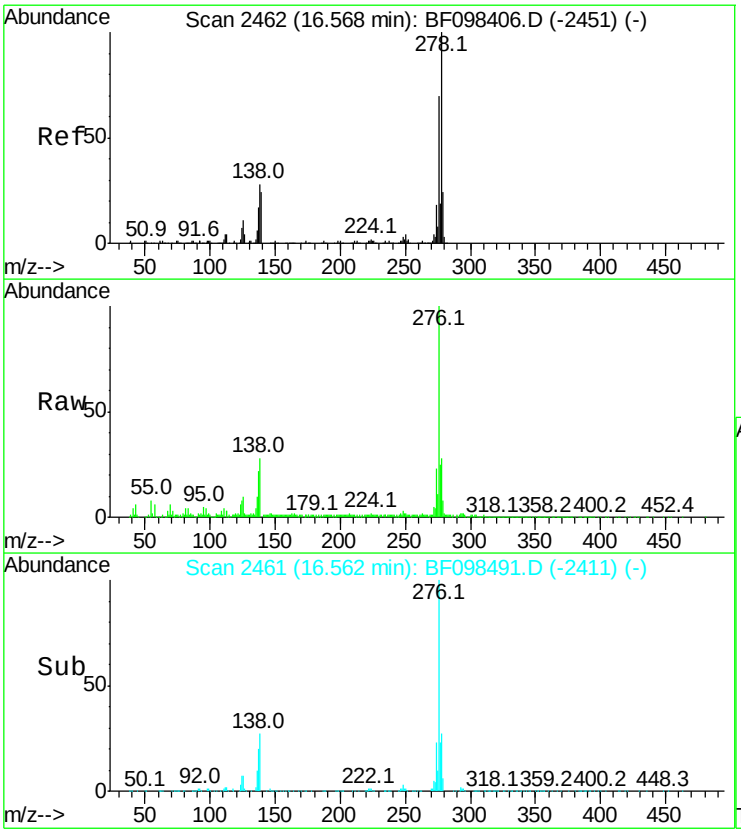
#89
Benzo(a)pyrene
Concen: 61.706 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1066605

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	15.0	11.0	16.4

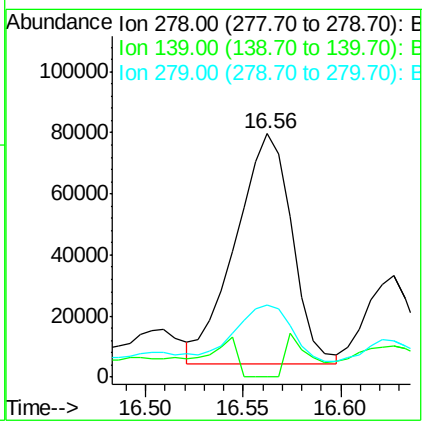


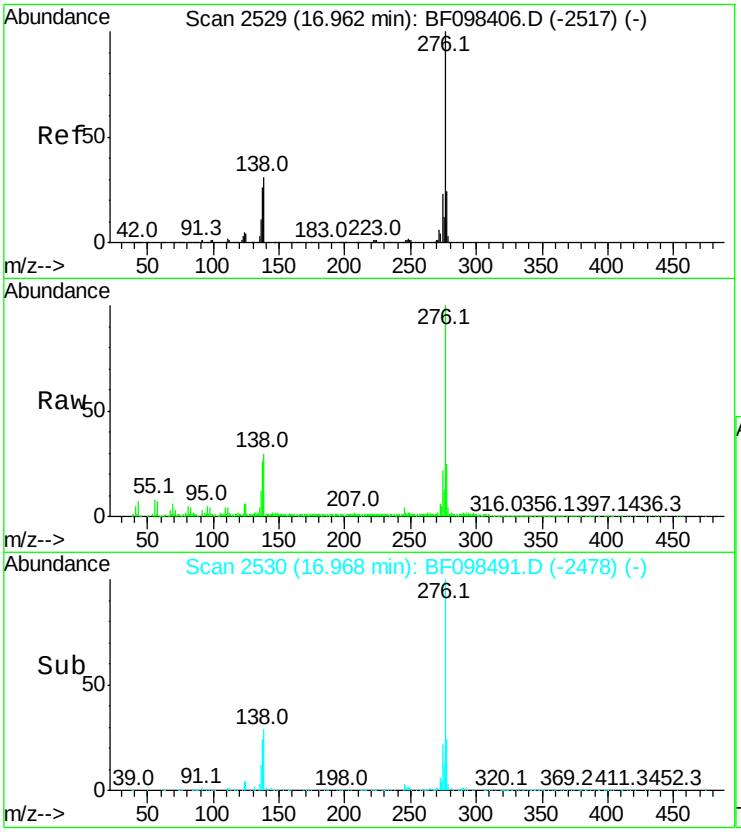


#90
Dibenzo(a,h)anthracene
Concen: 12.029 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Tgt Ion:278 Resp: 151246

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	29.4	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 39.289 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF098491.D
Acq: 13 Sep 2017 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 496890

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	29.8	25.4	38.0