Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098397.D
Acq On : 9 Sep 2017 20:30
Operator : SJ/JU
Sample : I5151-03 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 11 04:15:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	99381	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	368572	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	169402	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	268934	20.00	ng		-0.03
75) Chrysene-d12	13.83	240	192303	20.00	ng		-0.04
86) Perylene-d12	15.23	264	196243	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	14611	2.24	ng		-0.02
7) Phenol-d6	6.33	99	22082	2.49	ng		-0.02
23) Nitrobenzene-d5	7.24	82	12426	1.83	ng		-0.04
41) 2,4,6-Tribromophenol	10.50	330	2657	1.81	ng		-0.04
44) 2-Fluorobiphenyl	9.03	172	22205	1.93	ng		-0.04
78) Terphenyl-d14	12.77	244	15113	1.64	ng		-0.04
Target Compounds							Qvalue
31) Naphthalene	8.00	128	3986350	208.334	ng		99
32) Benzoic acid	7.77	122	483	6.502	ng	#	63
33) 4-Chloroaniline	8.00	127	558066	69.156	ng	#	35
35) Caprolactam	8.67	113	24377	14.682	ng	#	1
37) 2-Methylnaphthalene	8.67	142	1048042	89.338	ng		99
45) 1,1'-Biphenyl	9.13	154	375109	24.282	ng		97
48) Acenaphthylene	9.57	152	278687	15.548	ng	#	96
51) Acenaphthene	9.75	154	1056832	93.488	ng		99
54) Dibenzofuran	9.92	168	1056058	69.704	ng		99
55) 4-Nitrophenol	9.92	139	386986	152.123	ng	#	27
57) Fluorene	10.26	166	892621	76.204	ng		98
61) 4-Nitroaniline	10.26	138	10594	3.495	ng	#	25
64) 4,6-Dinitro-2-methylphenol	10.57	198	132	8.407	ng	#	35
70) Phenanthrene	11.23	178	2955016	206.201	ng		99
71) Anthracene	11.27	178	1118329	76.939	ng		100
72) Carbazole	11.43	167	390701	28.318	ng		97
74) Fluoranthene	12.42	202	2155012	144.072	ng		100
77) Pyrene	12.65	202	1894811	120.472	ng		98
80) Benzo(a)anthracene	13.86	228	611325	53.041	ng		94
82) Chrysene	13.86	228	611325	53.320	ng		97
85) Indeno(1,2,3-cd)pyrene	16.43	276	54782	6.495	ng		92
87) Benzo(b)fluoranthene	14.84	252	1151844	93.117	ng		98
88) Benzo(k)fluoranthene	14.84	252	1151844	99.113	ng		97
89) Benzo(a)pyrene	15.18	252	702903	64.188	ng		97
90) Dibenzo(a,h)anthracene	16.73	278	65067	7.298	ng		95
91) Benzo(g,h,i)perylene	16.99	276	310423	33.371	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098397.D
Acq On : 9 Sep 2017 20:30
Operator : SJ/JU
Sample : I5151-03 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 11 04:15:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
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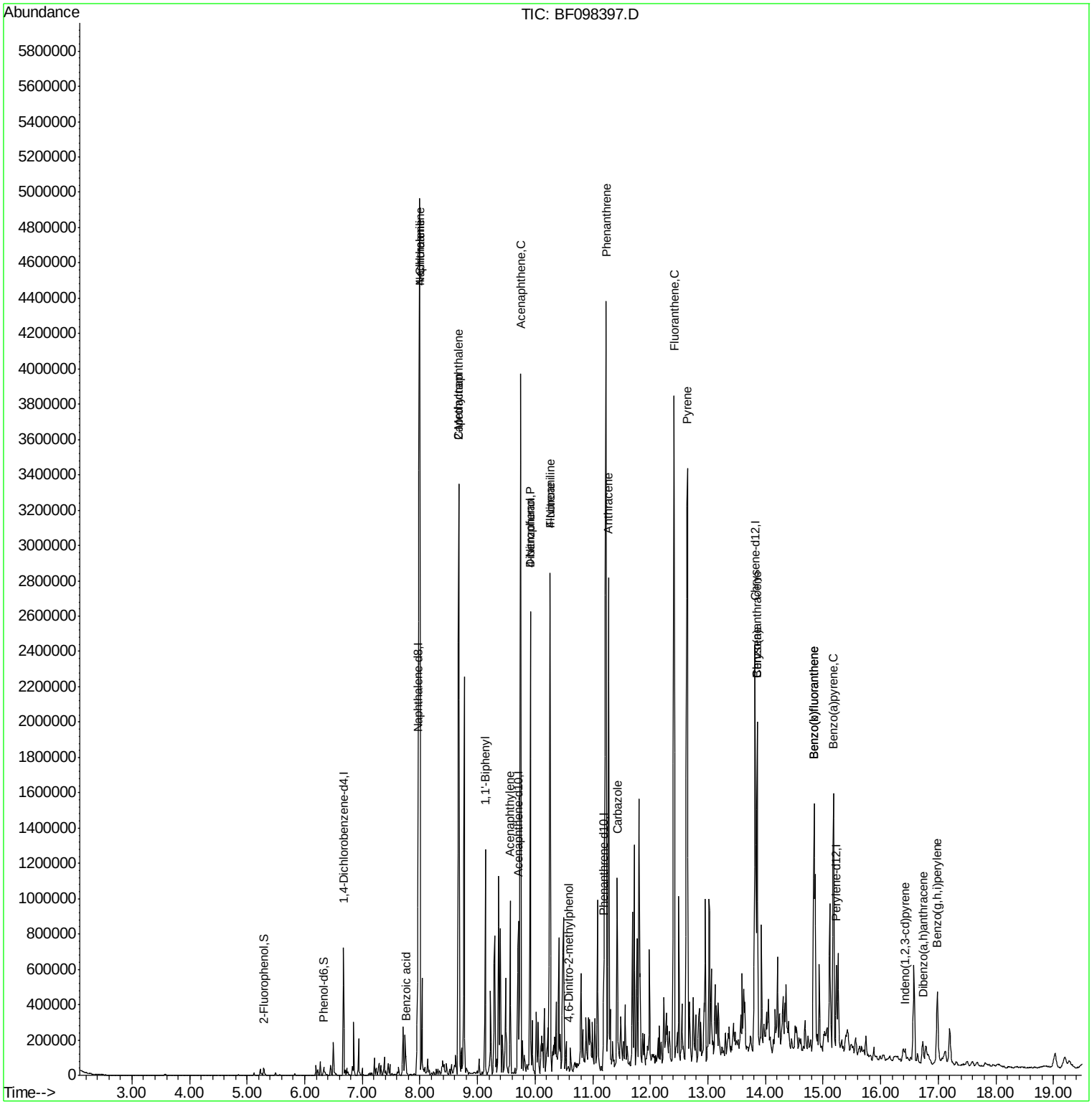
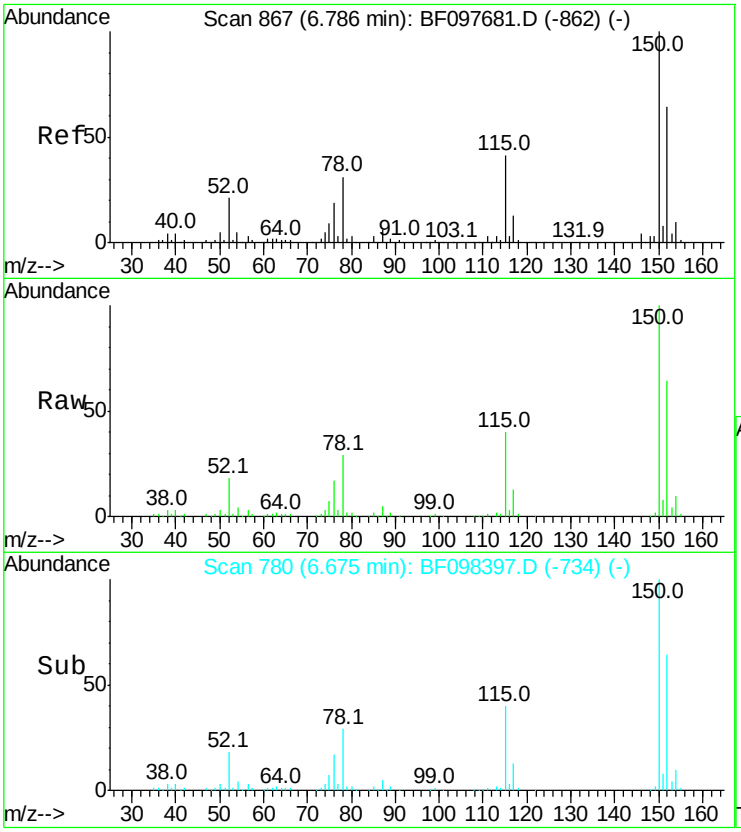


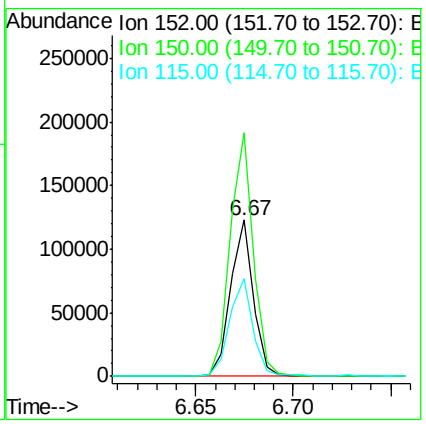


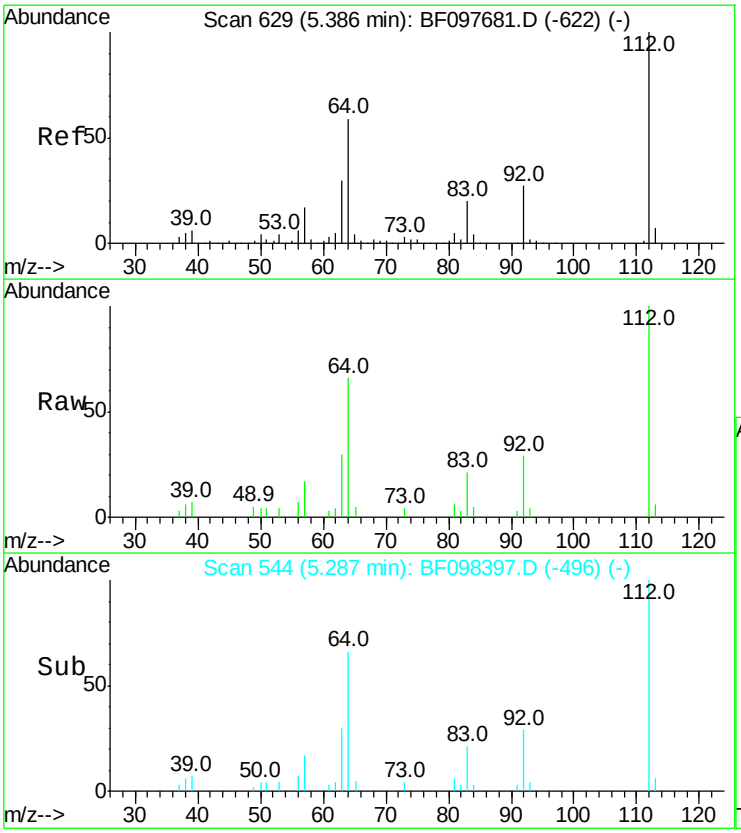
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 99381

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	62.9	52.2	78.2

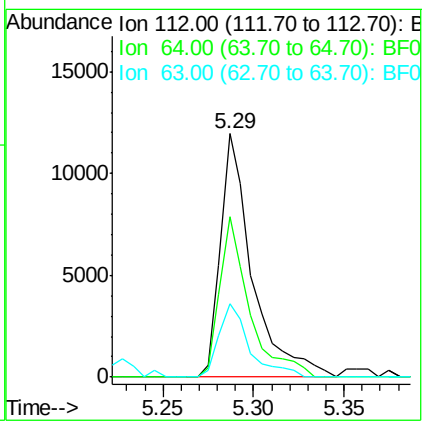


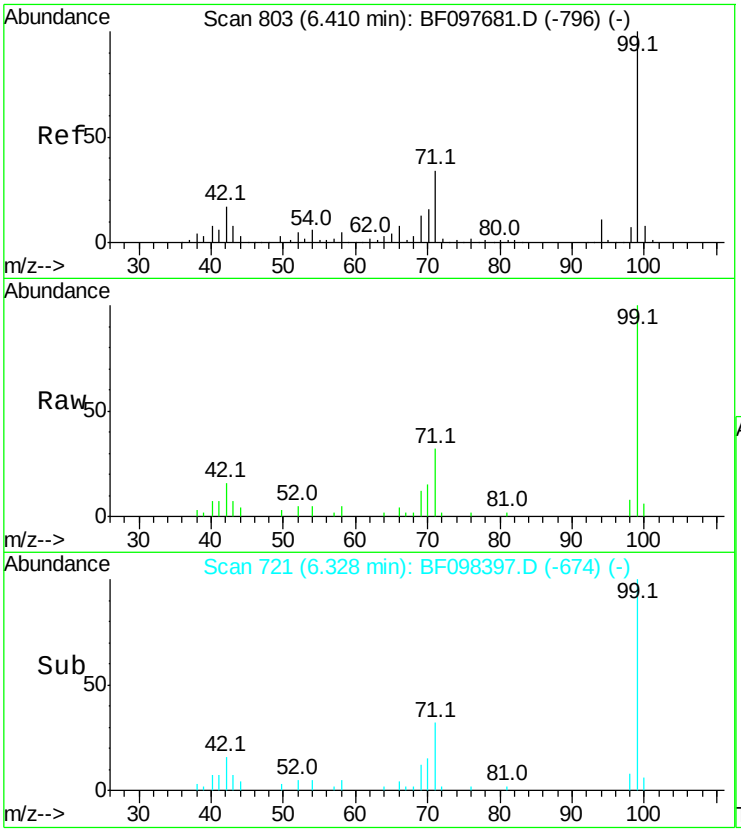


#5
2-Fluorophenol
Concen: 2.236 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:112 Resp: 14611

Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.0	69.0
63	29.9	23.4	35.0



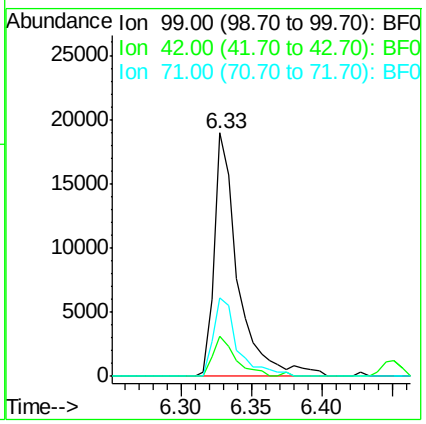


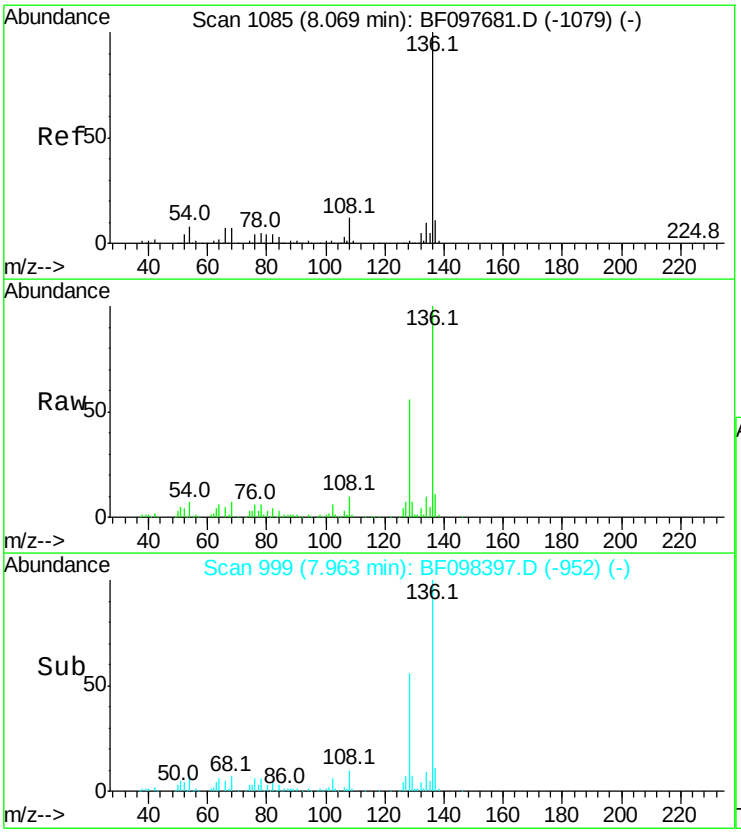
#7
Phenol-d6
Concen: 2.487 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 22082

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.4	24.5	36.7

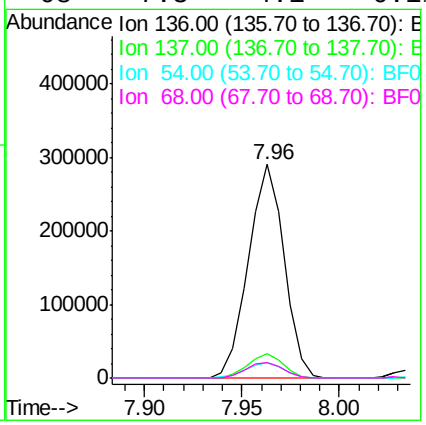


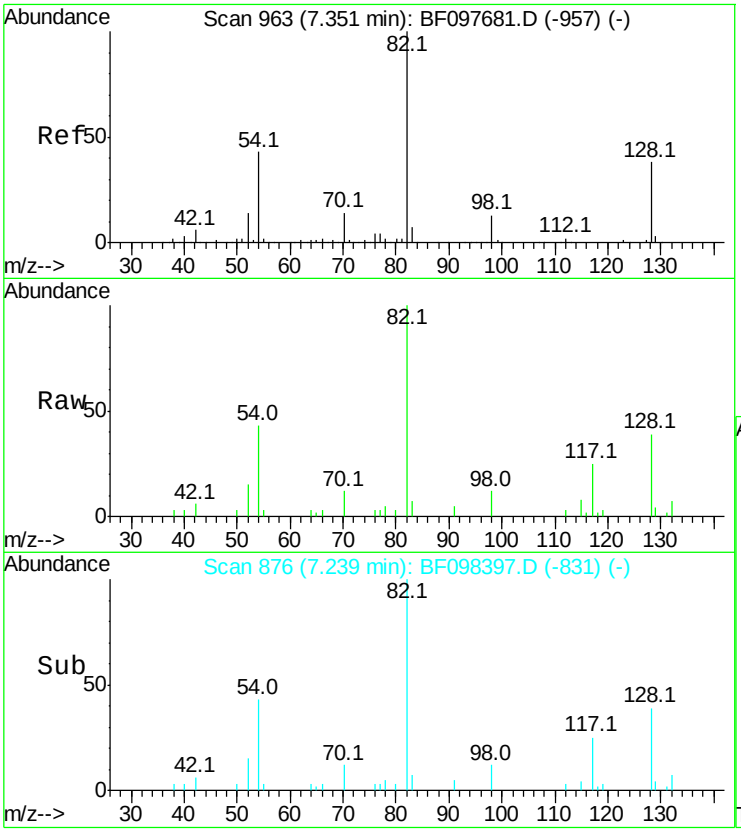


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:136 Resp: 368572

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	7.1	4.9	7.3
68	7.3	4.1	6.1#



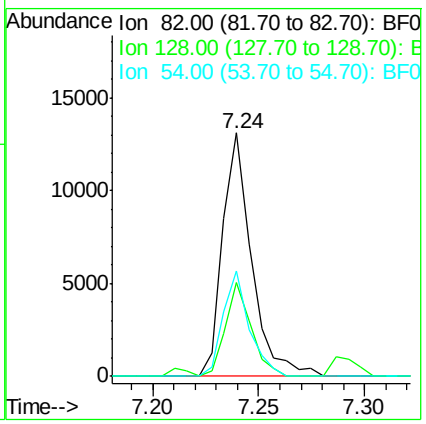


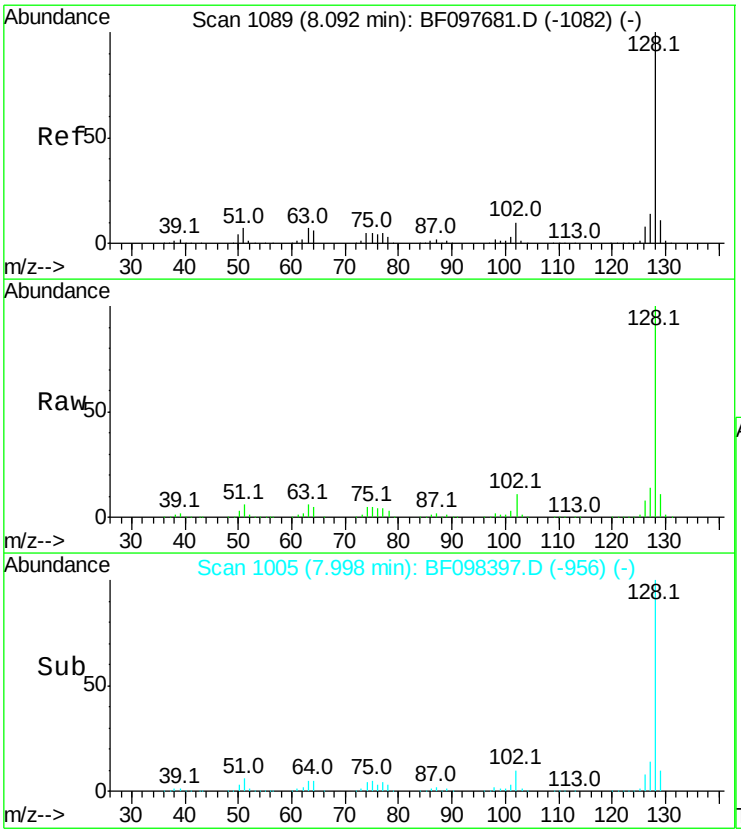
#23
Nitrobenzene-d5
Concen: 1.831 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.04 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 12426

Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.0	51.0
54	43.4	42.2	63.2

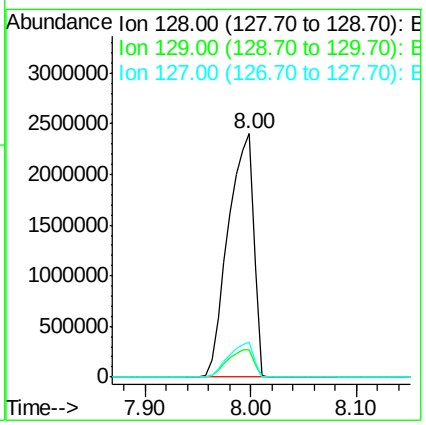


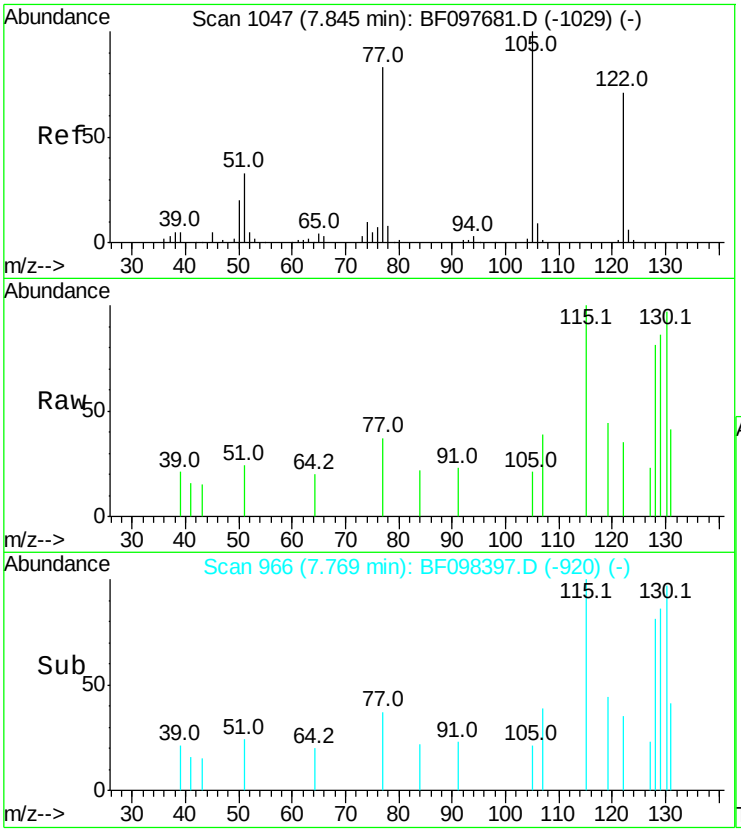


#31
Naphthalene
Concen: 208.334 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:128 Resp: 3986350

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.4	10.8	16.2



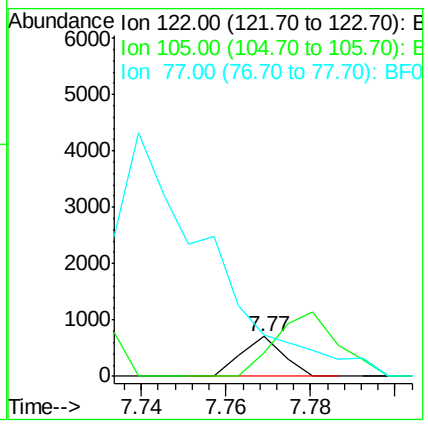


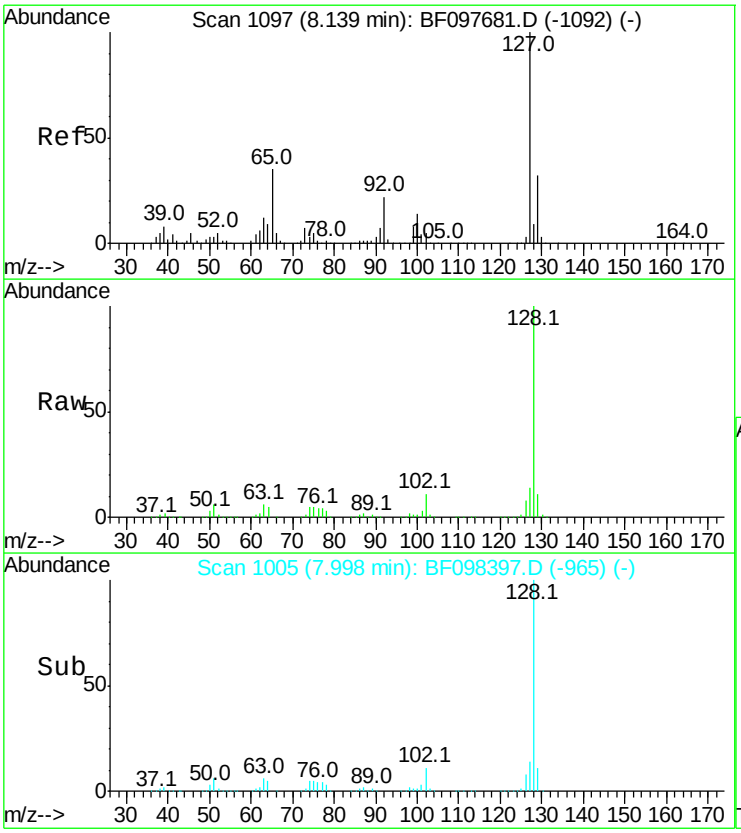
#32
Benzoic acid
Concen: 6.502 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 483

Ion	Ratio	Lower	Upper
122	100		
105	59.8	103.3	143.3#
77	104.9	73.7	113.7

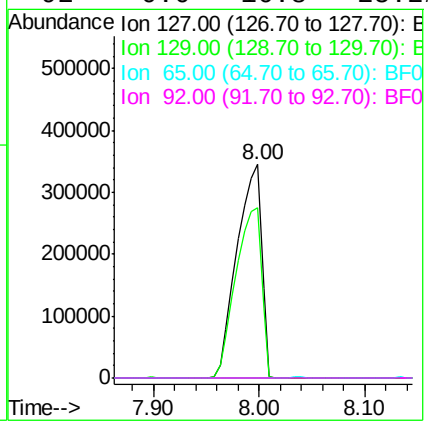


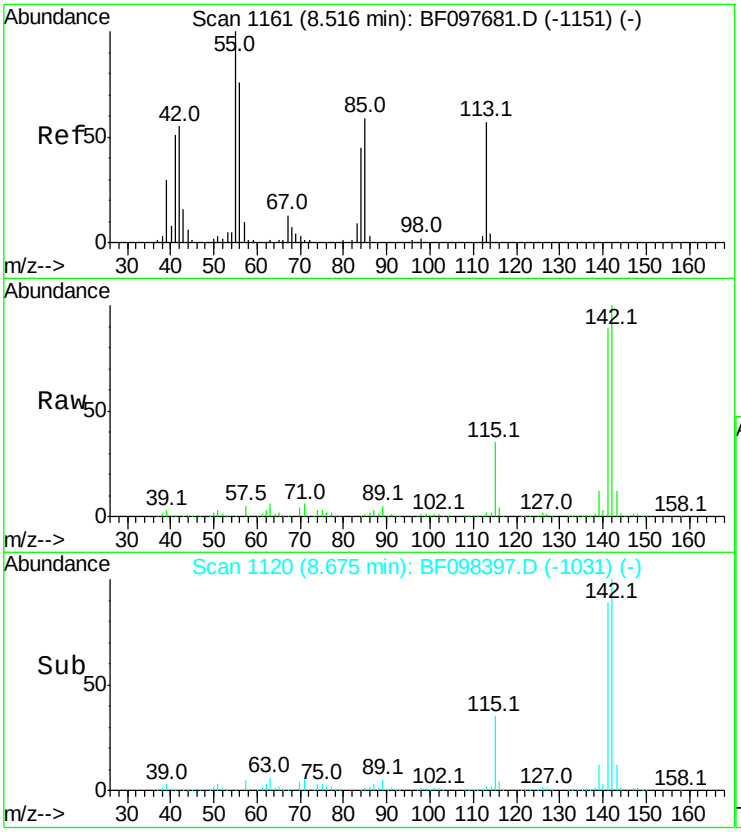


#33
4-Chloroaniline
Concen: 69.156 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.06 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:127 Resp: 558066

Ion	Ratio	Lower	Upper
127	100		
129	79.6	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



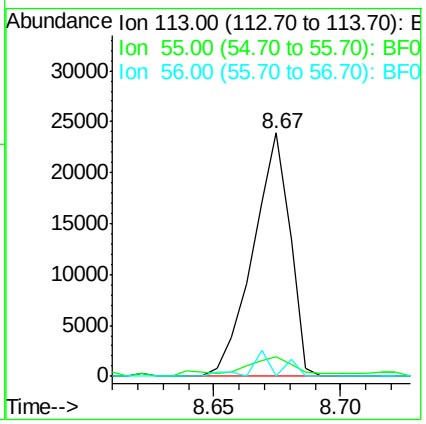


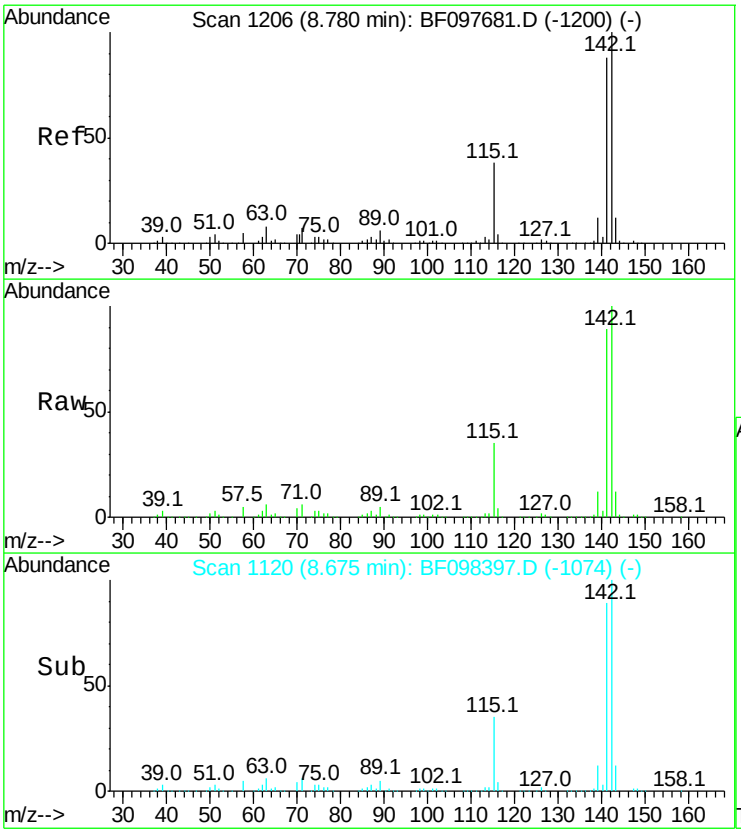
#35
Caprolactam
Concen: 14.682 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.22 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 24377

Ion	Ratio	Lower	Upper
113	100		
55	8.3	150.2	190.2#
56	0.0	107.8	147.8#

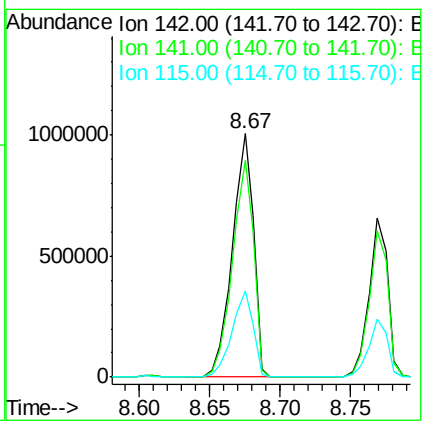


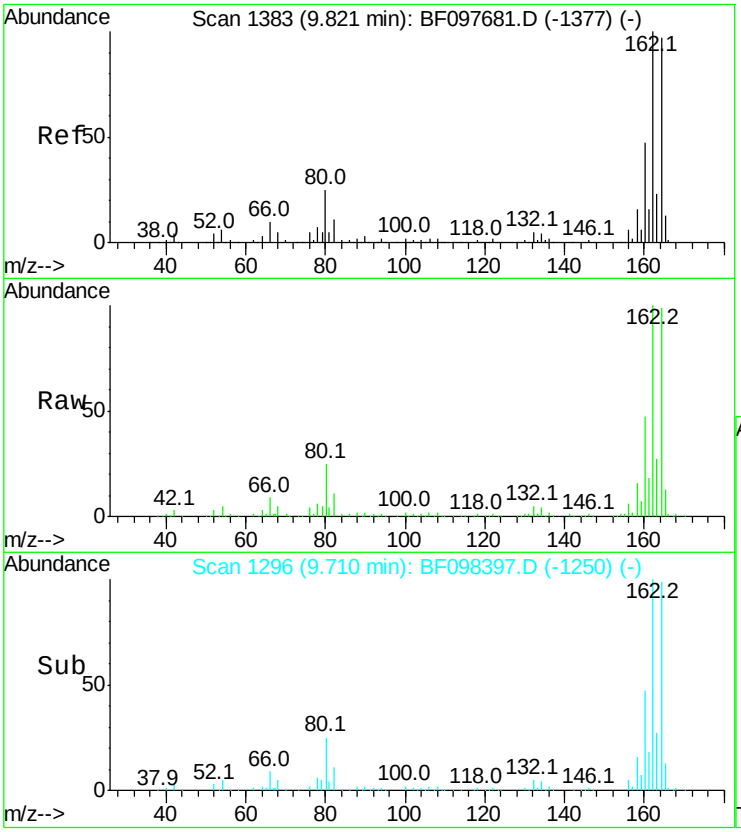


#37
2-Methylnaphthalene
Concen: 89.338 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:142 Resp: 1048042

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	35.3	27.1	40.7



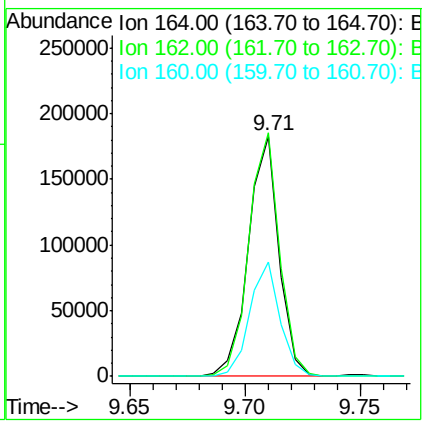


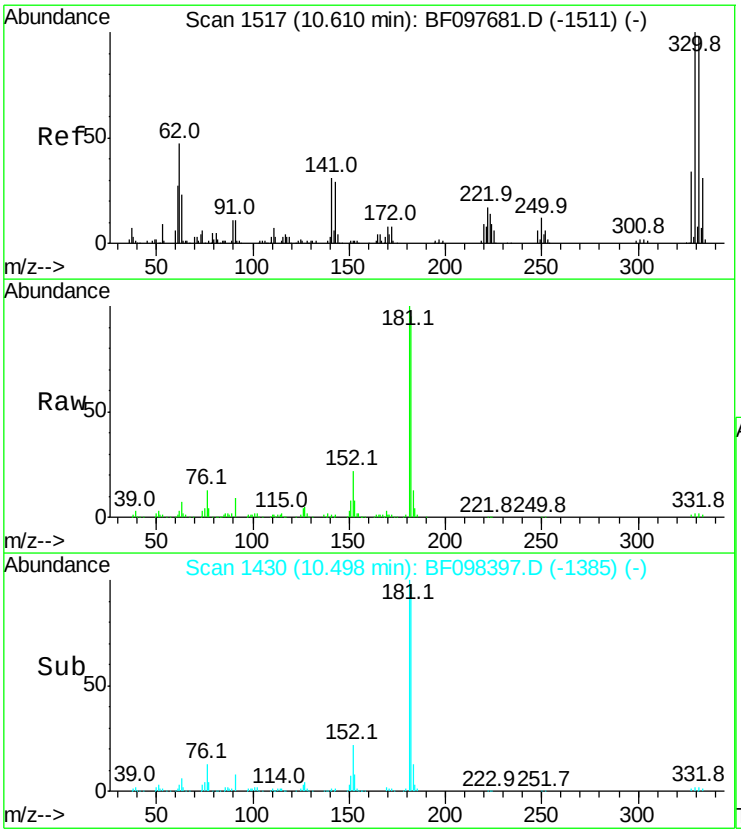
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 169402

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	47.4	36.2	54.2

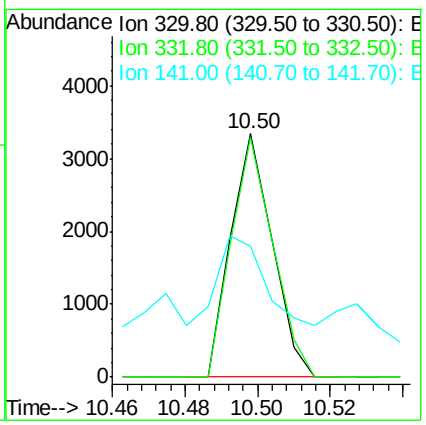


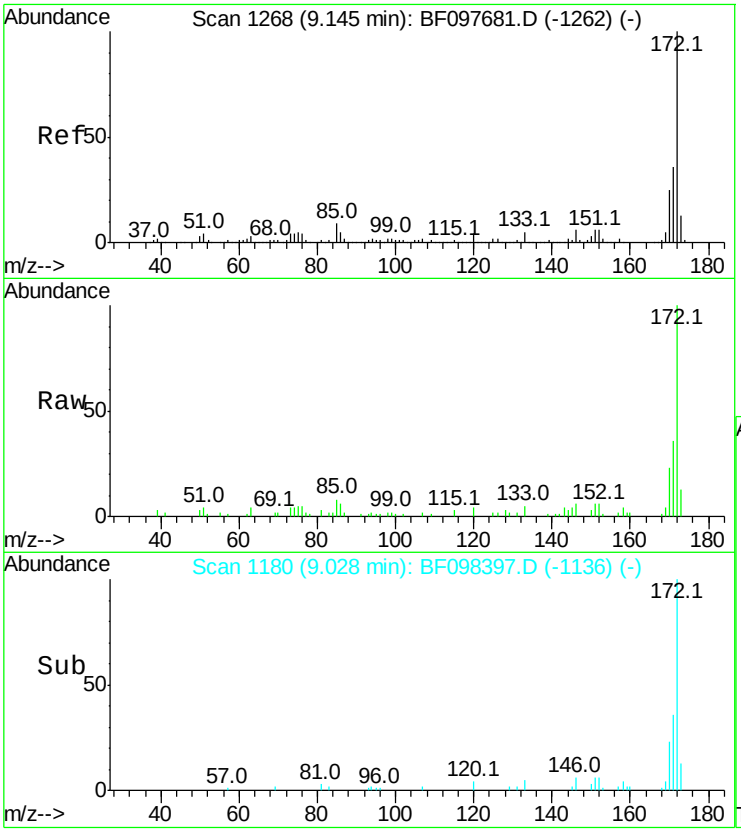


#41
2,4,6-Tribromophenol
Concen: 1.808 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:330 Resp: 2657

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.6	115.0
141	53.1	31.4	47.2#



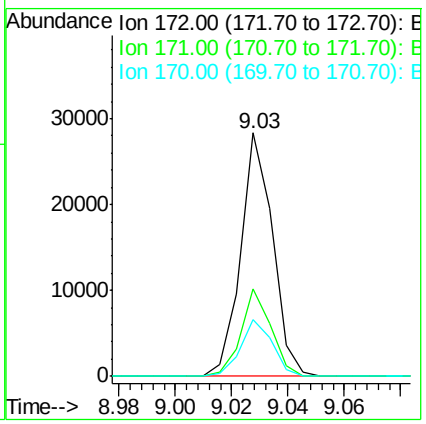


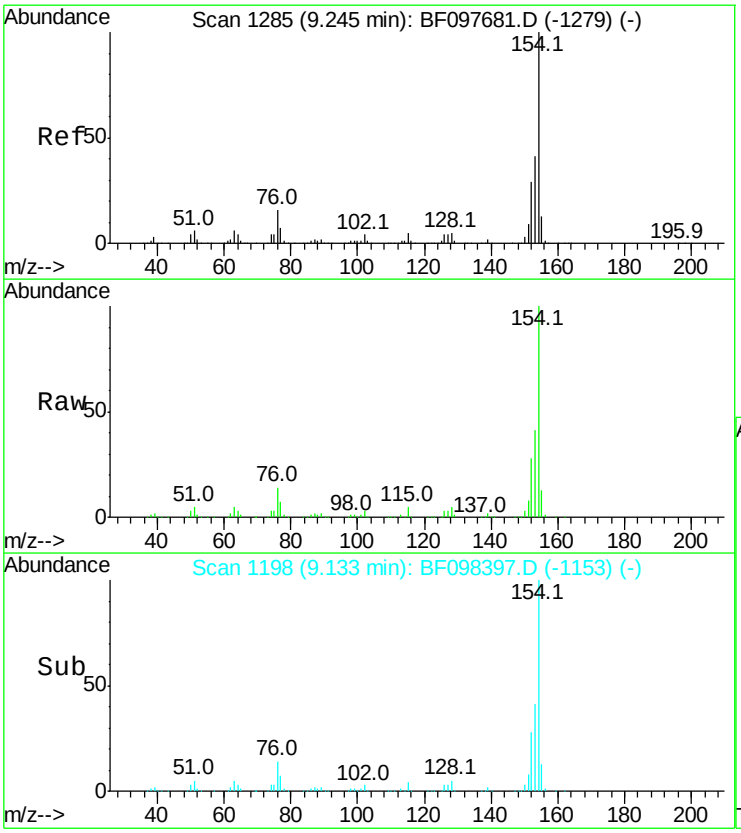
#44
2-Fluorobiphenyl
Concen: 1.926 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 22205

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.5	19.8	29.8

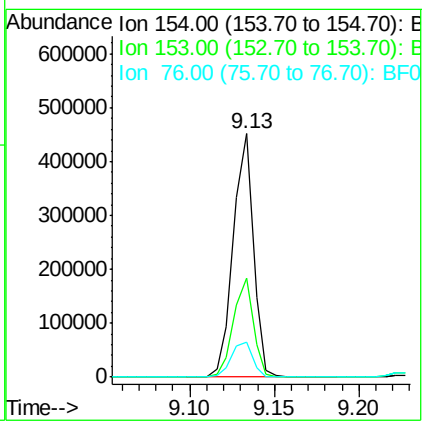


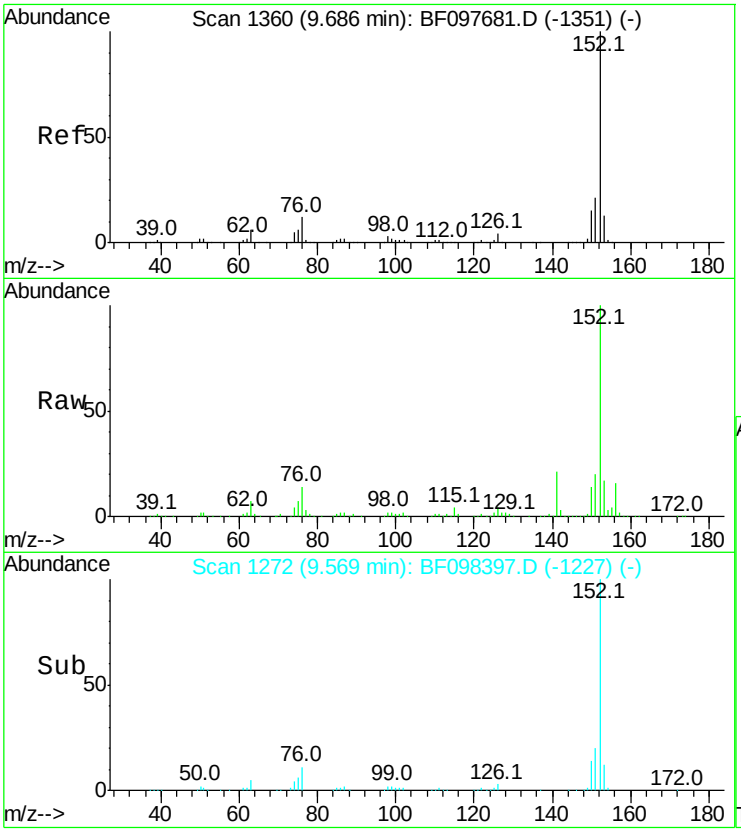


#45
1,1'-Biphenyl
Concen: 24.282 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.04 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:154 Resp: 375109

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	14.2	0.0	29.9



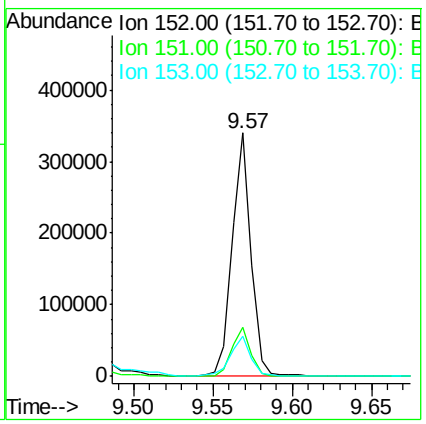


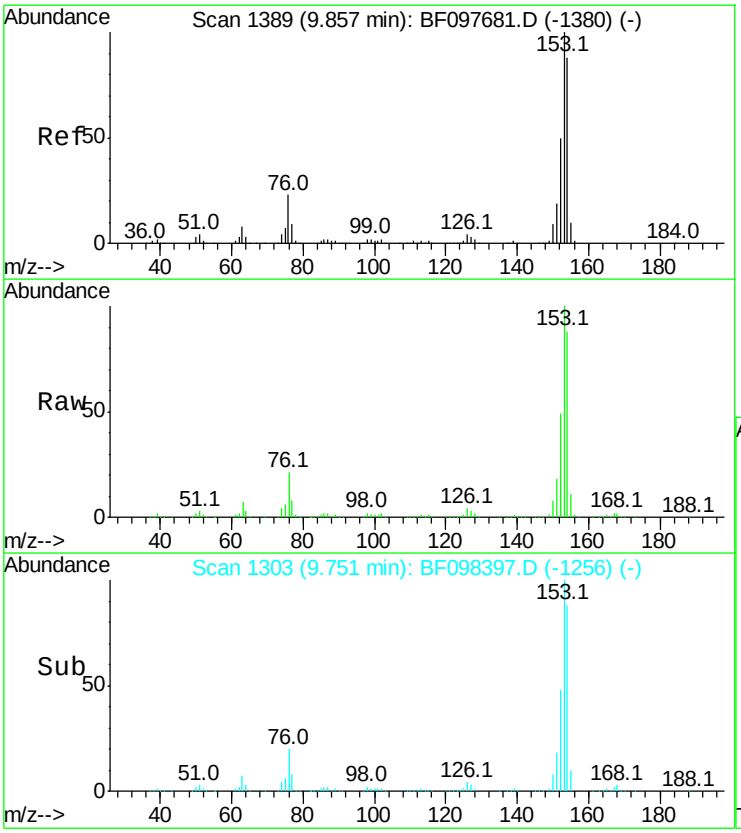
#48
Acenaphthylene
Concen: 15.548 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 278687

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	16.5	10.8	16.2#

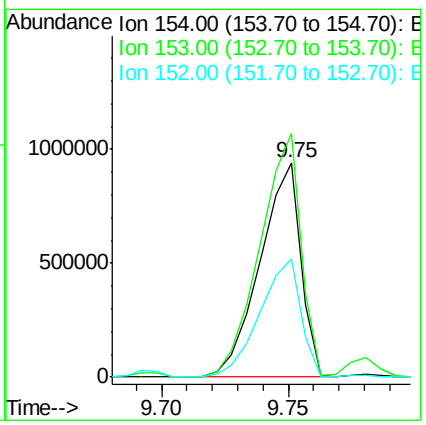


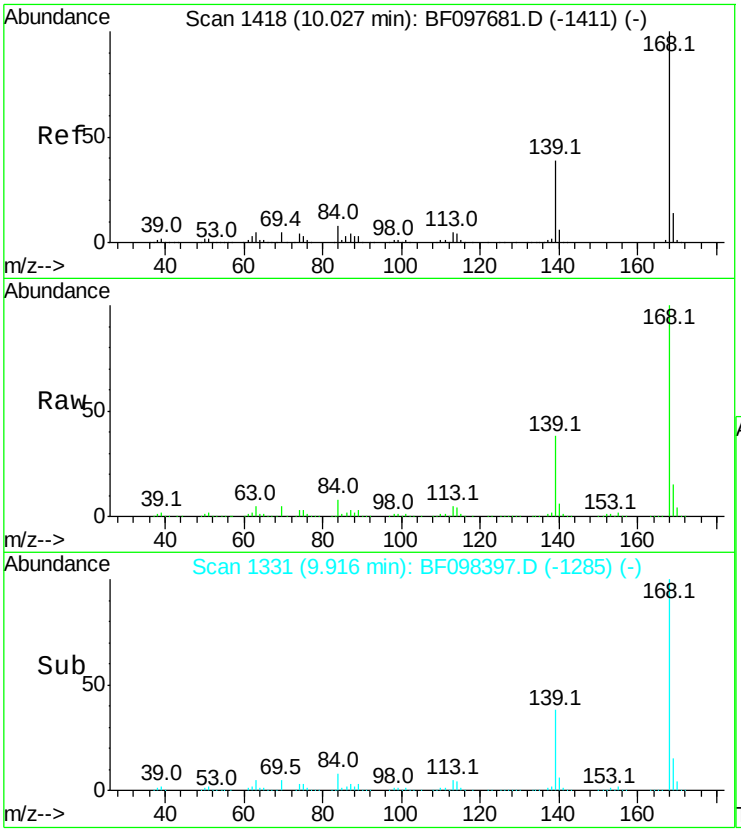


#51
Acenaphthene
Concen: 93.488 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:154 Resp: 1056832

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	55.1	43.6	65.4



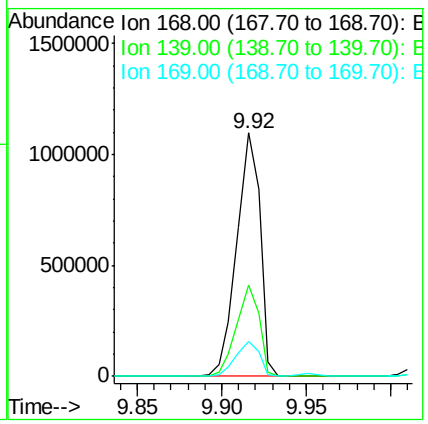


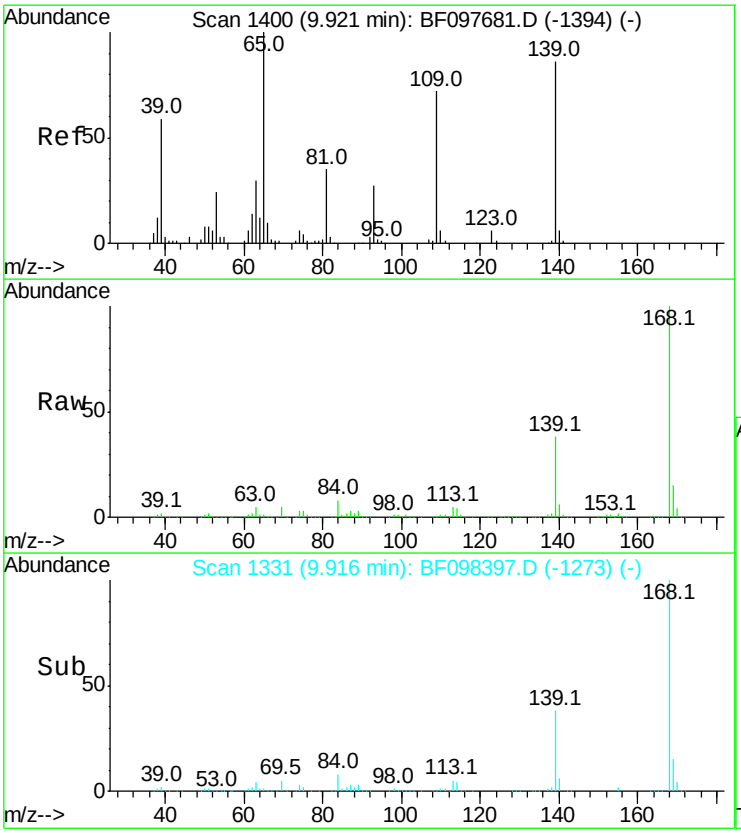
#54
Dibenzofuran
Concen: 69.704 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 1056058

Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.6	45.8
169	14.6	10.8	16.2

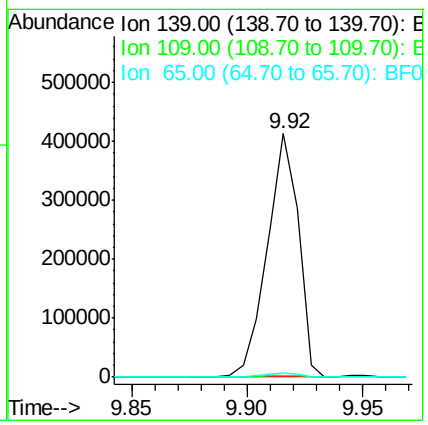


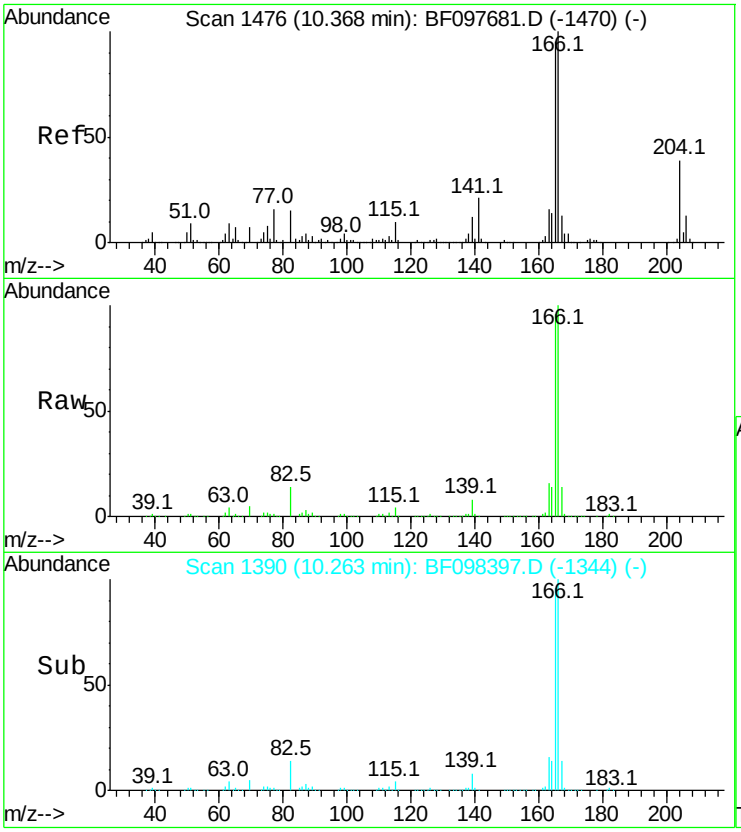


#55
4-Nitrophenol
Concen: 152.123 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.04 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:139 Resp: 386986

Ion	Ratio	Lower	Upper
139	100		
109	0.9	34.1	74.1#
65	1.6	31.4	71.4#



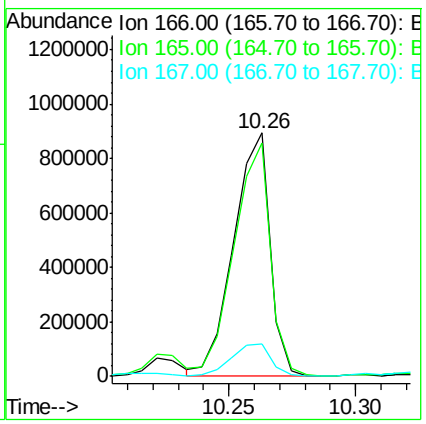


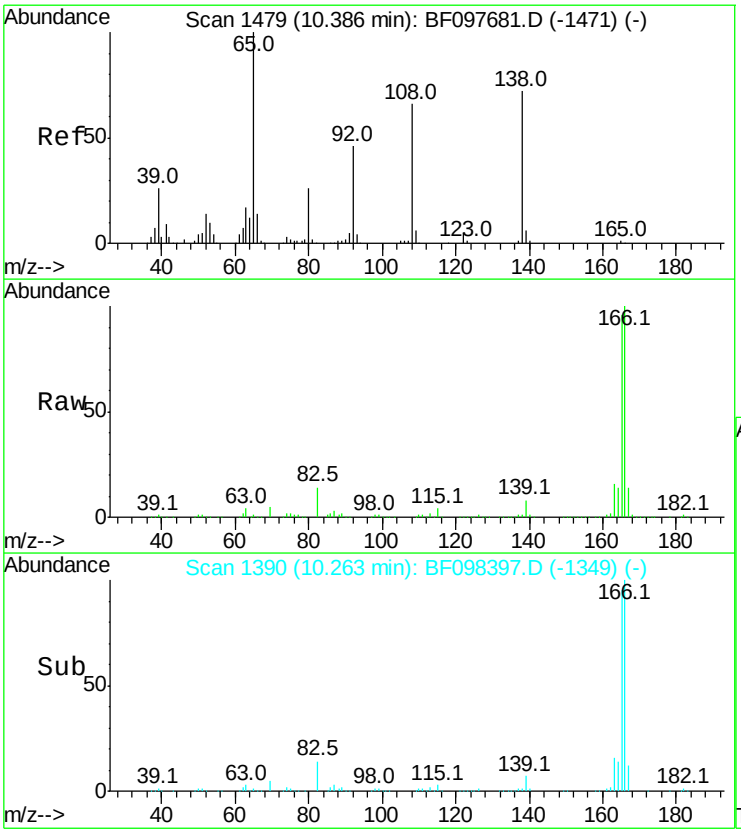
#57
Fluorene
Concen: 76.204 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 892621

Ion	Ratio	Lower	Upper
166	100		
165	96.0	78.8	118.2
167	13.6	10.6	16.0

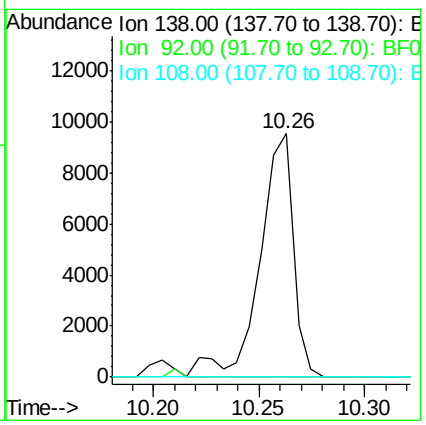


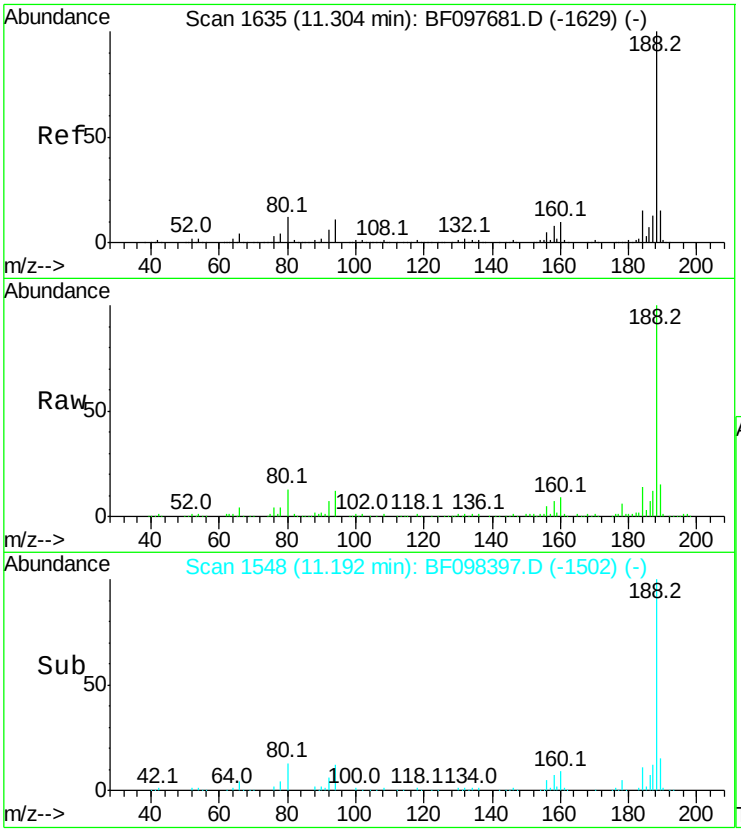


#61
4-Nitroaniline
Concen: 3.495 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.06 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:138 Resp: 10594

Ion	Ratio	Lower	Upper
138	100		
92	0.0	21.8	61.8#
108	0.0	42.3	82.3#



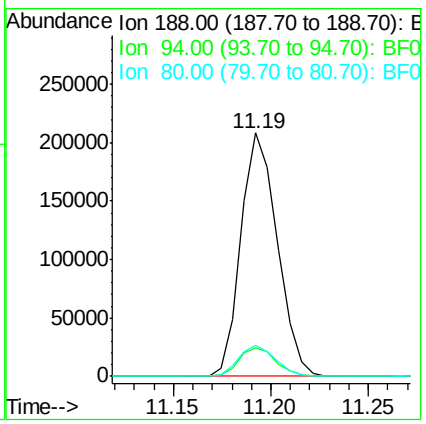


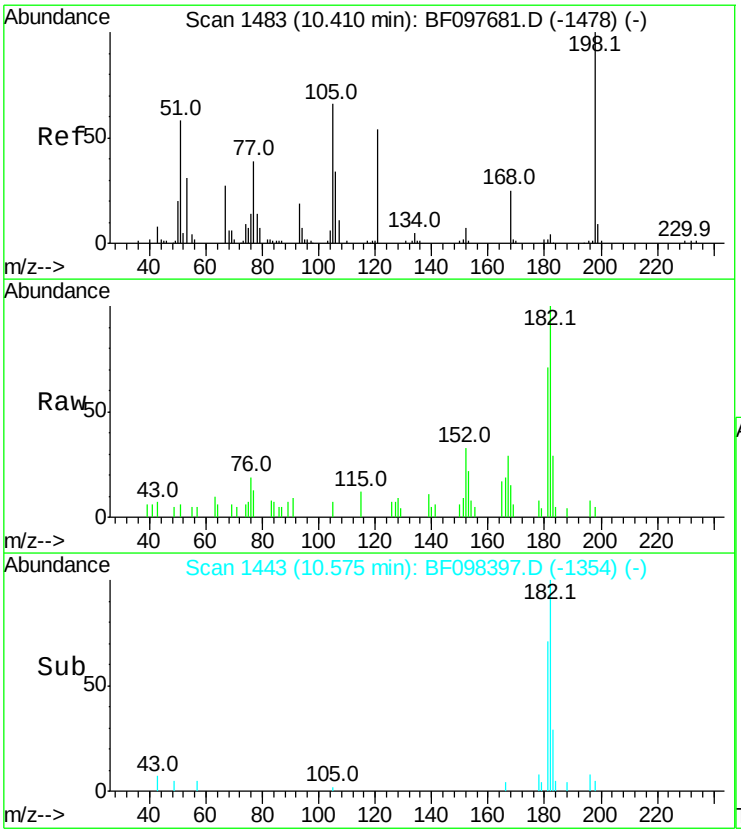
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 268934

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	13.1	10.2	15.2

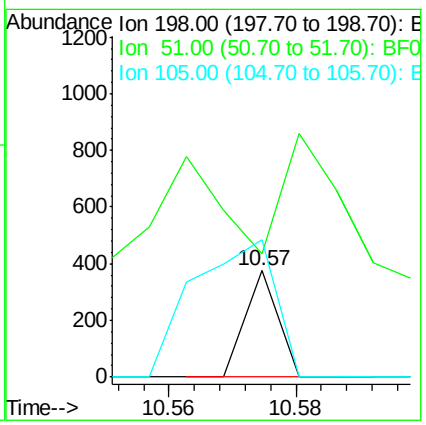


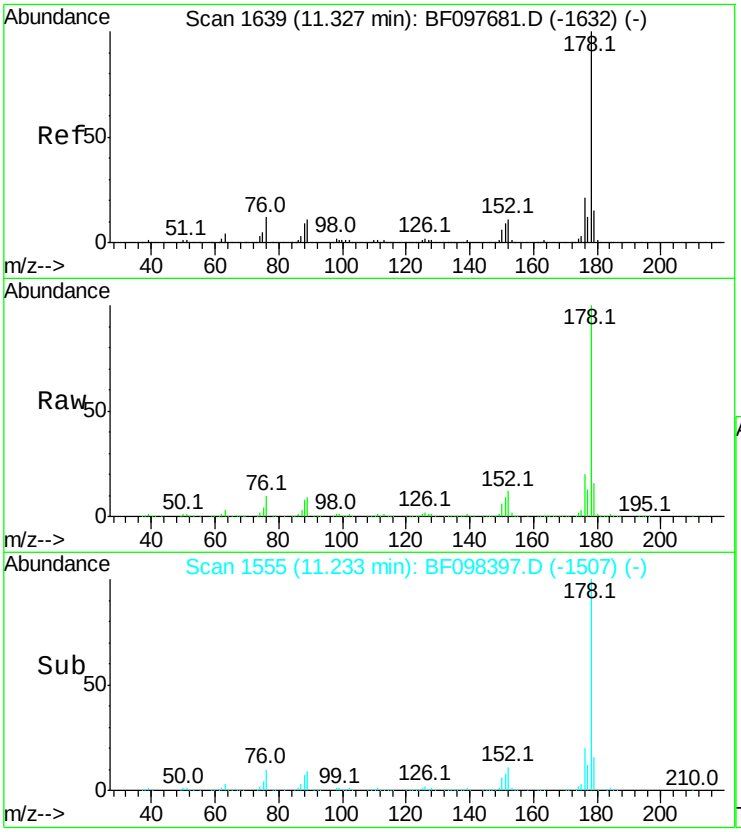


#64
4,6-Dinitro-2-methylphenol
Concen: 8.407 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.22 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:198 Resp: 132

Ion	Ratio	Lower	Upper
198	100		
51	115.7	53.2	93.2#
105	129.6	45.8	85.8#



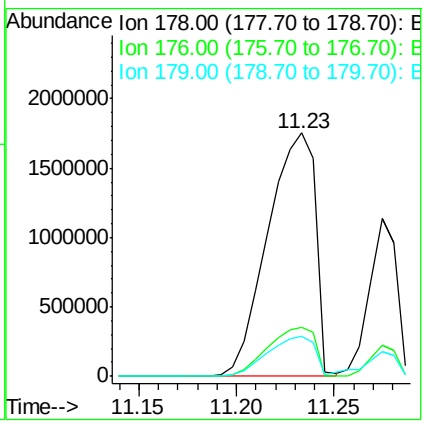


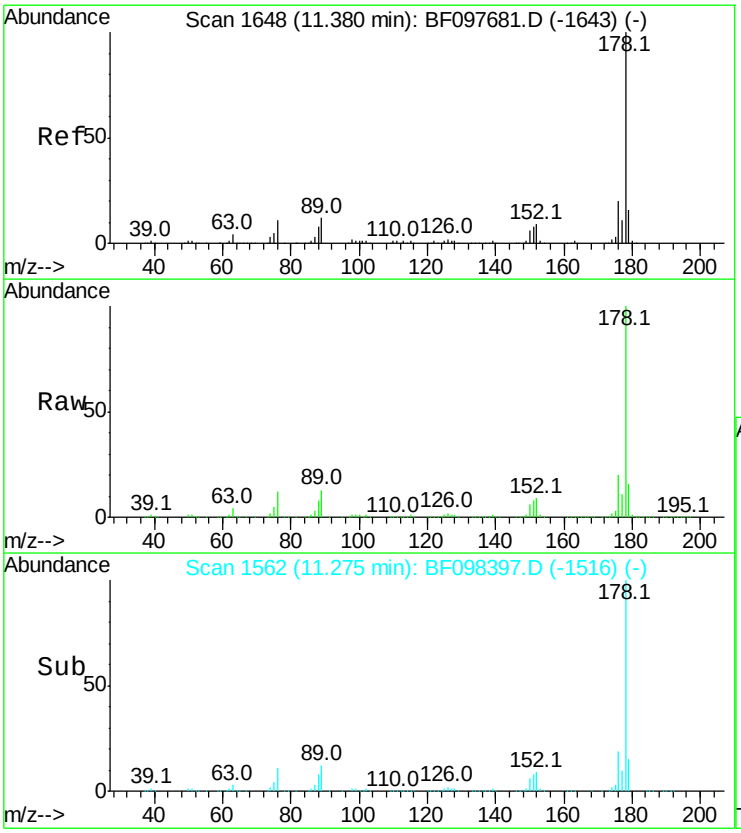
#70
Phenanthrene
Concen: 206.201 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2955016

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.2	12.6	19.0

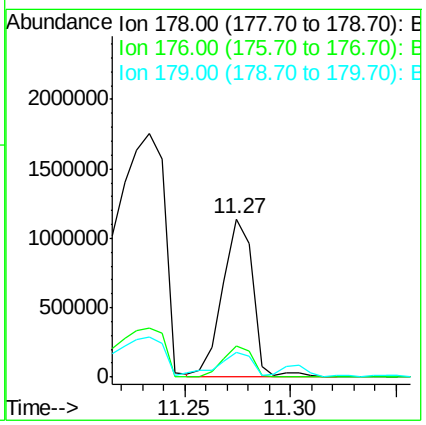


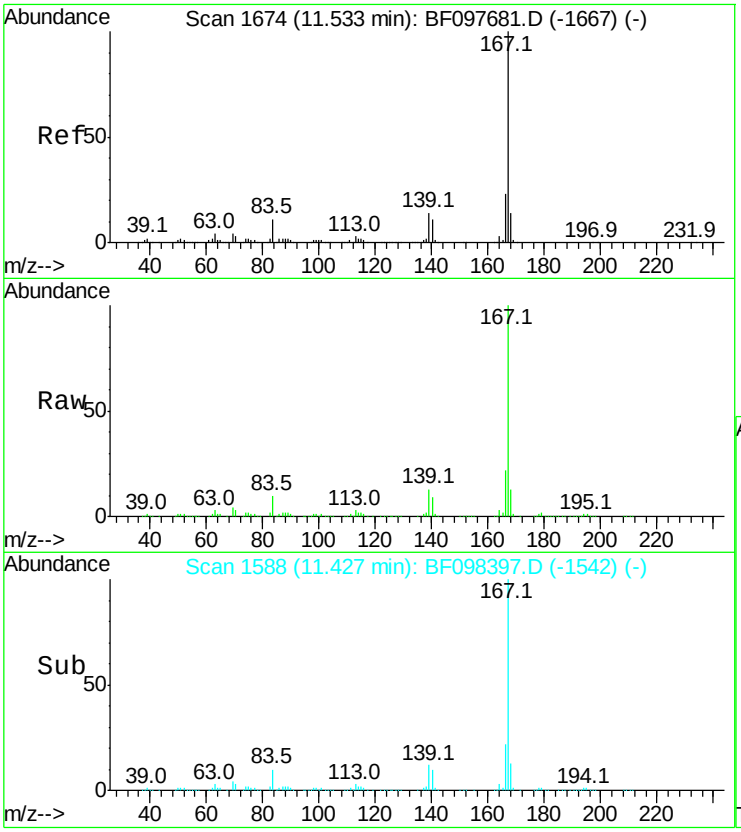


#71
Anthracene
Concen: 76.939 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:178 Resp: 1118329

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.9	12.7	19.1



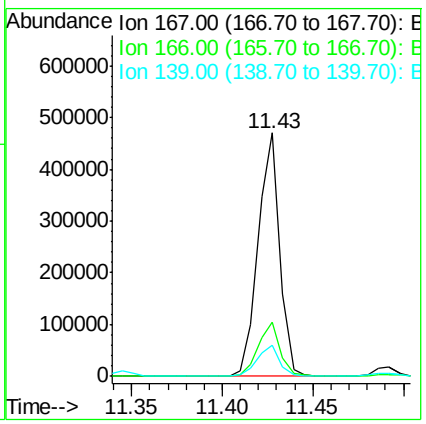


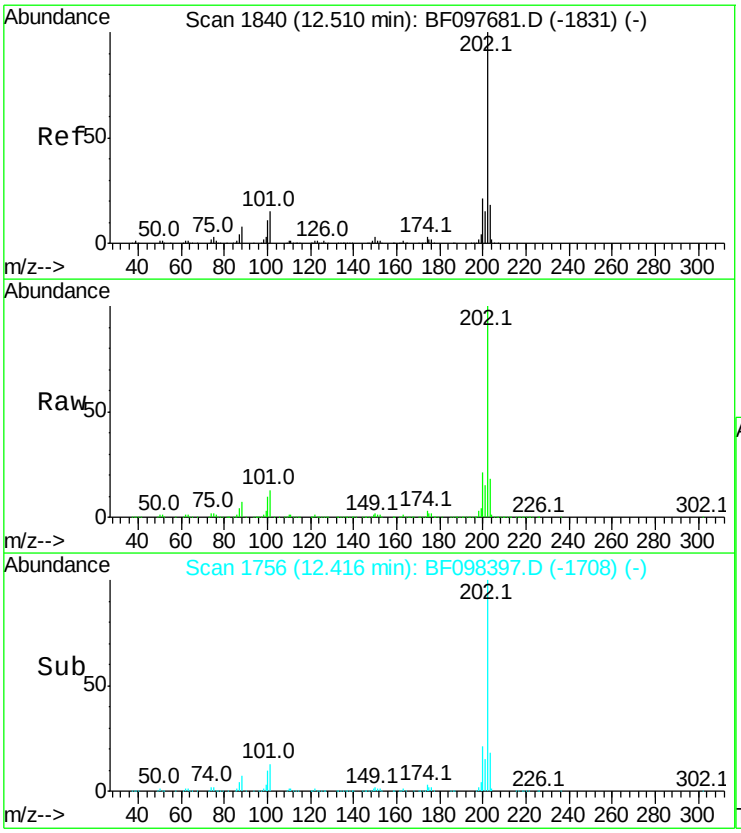
#72
Carbazole
Concen: 28.318 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 390701

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	12.6	11.7	17.5

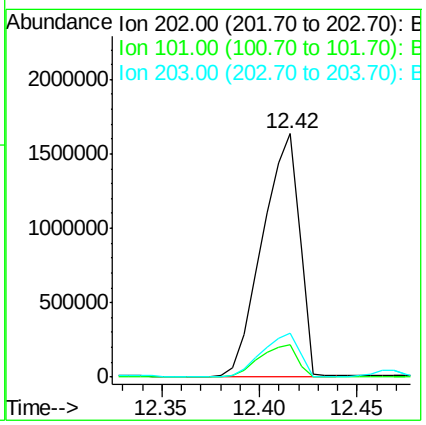


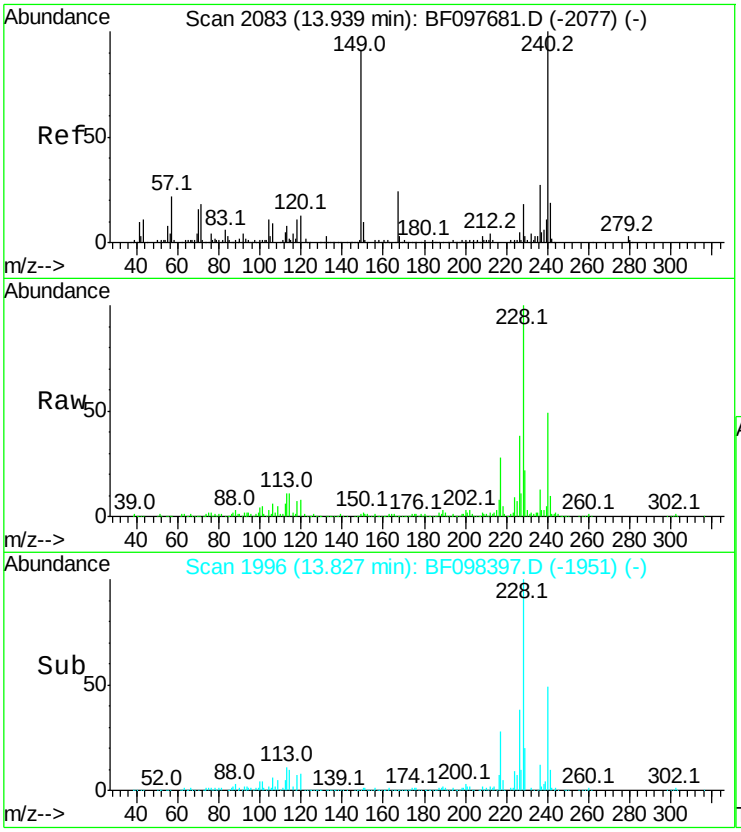


#74
Fluoranthene
Concen: 144.072 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:202 Resp: 2155012

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.9	0.0	38.1



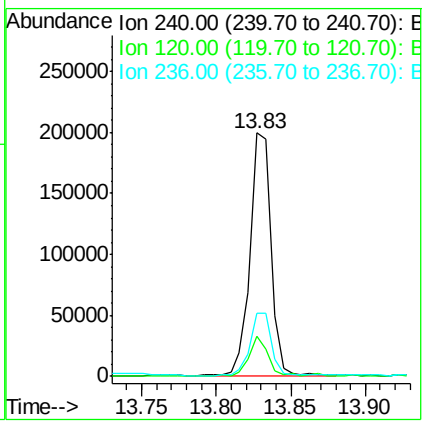


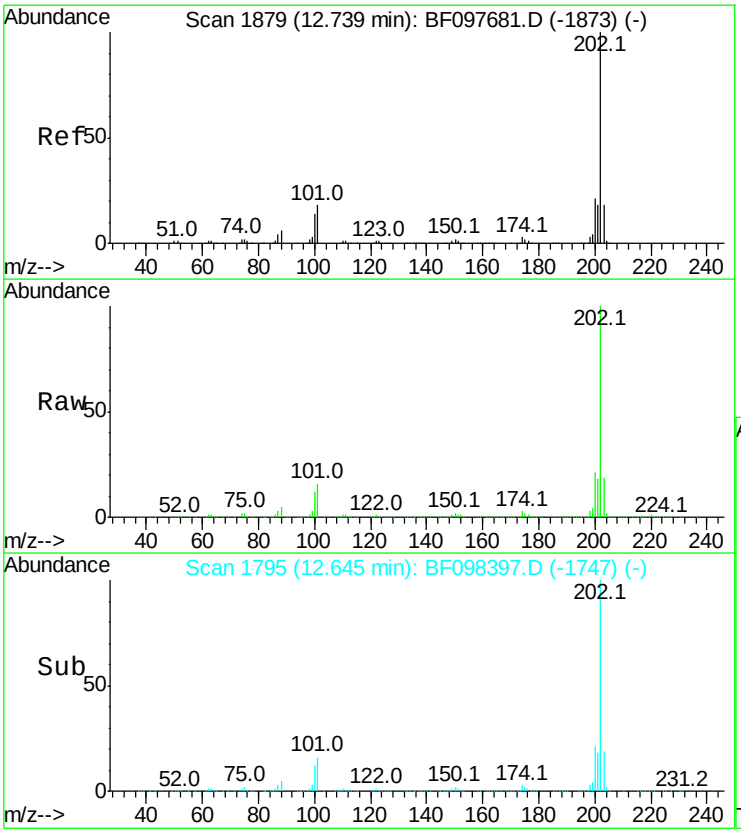
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.04 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 192303

Ion	Ratio	Lower	Upper
240	100		
120	16.3	5.8	8.8#
236	25.7	20.5	30.7

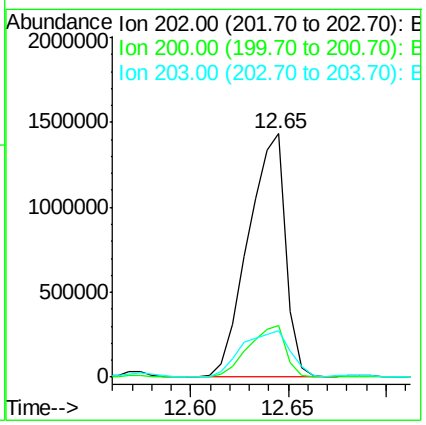


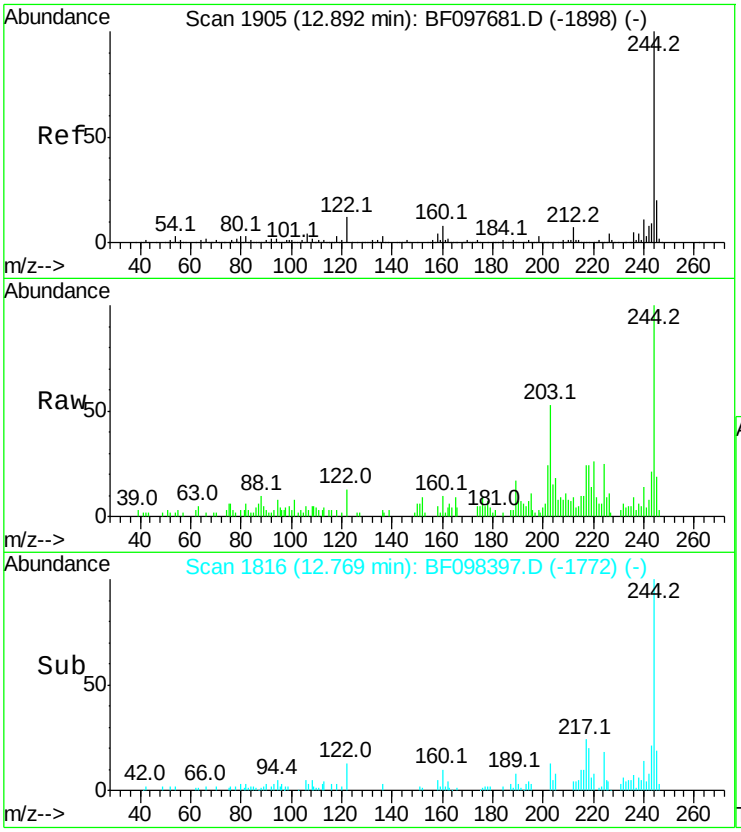


#77
Pyrene
Concen: 120.472 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.02 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:202 Resp: 1894811

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	19.3	14.4	21.6



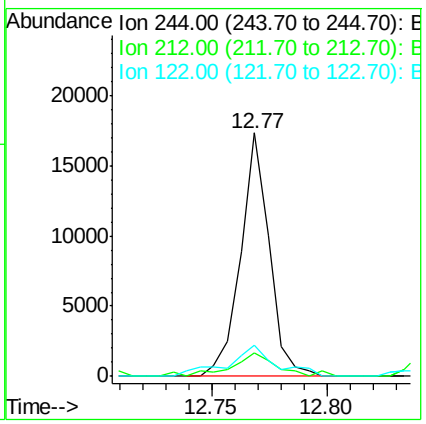


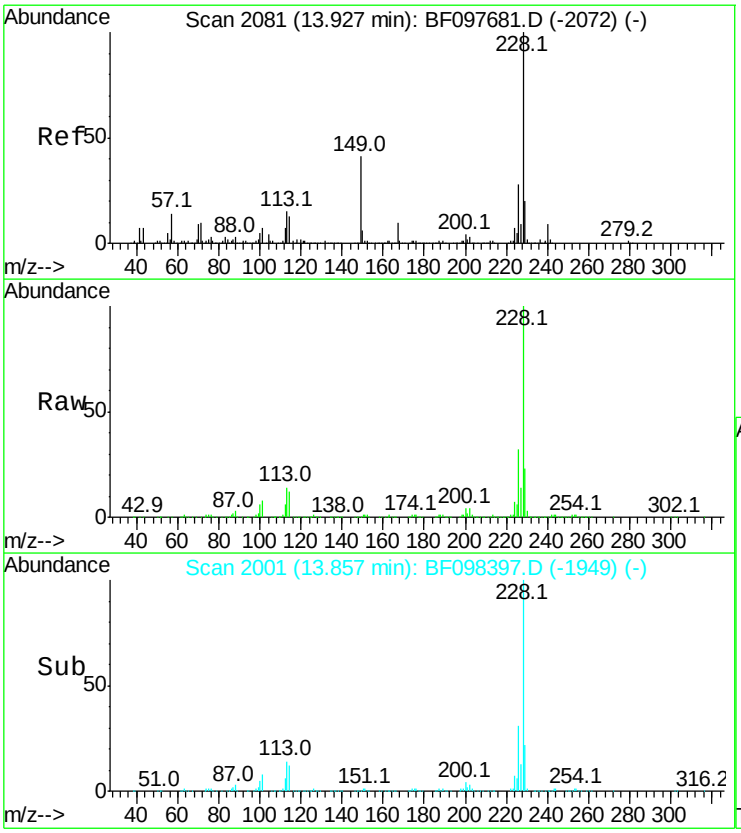
#78
Terphenyl-d14
Concen: 1.639 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.04 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 15113

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.0	9.0#
122	12.8	10.3	15.5

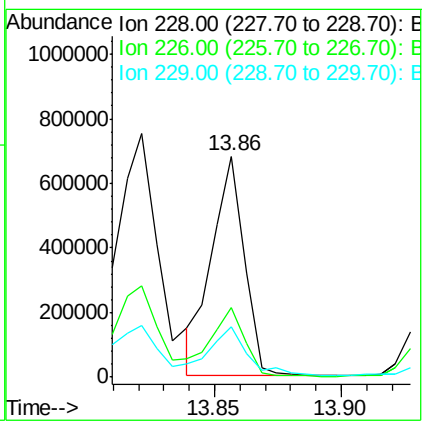


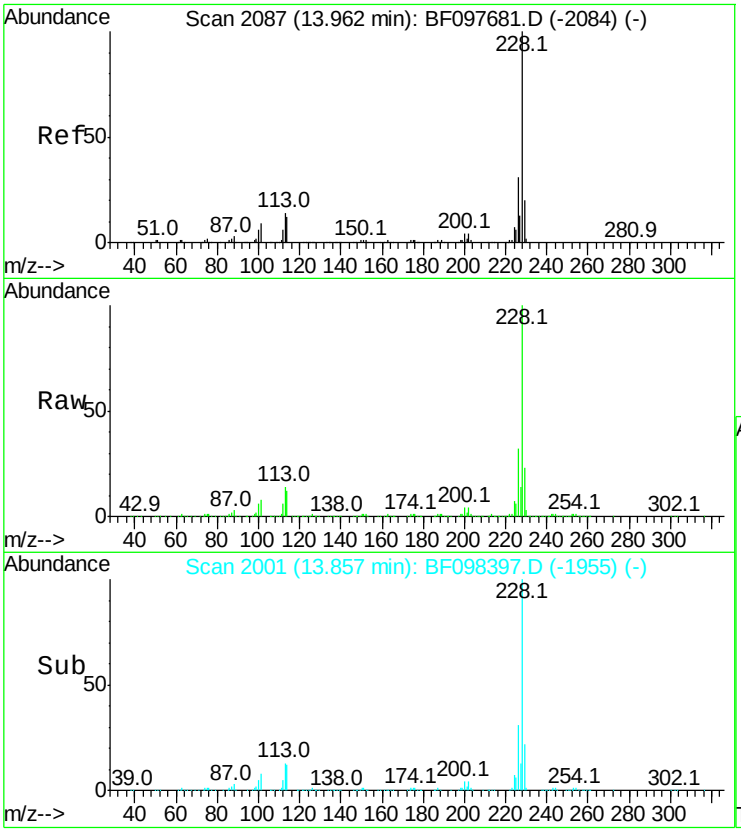


#80
Benzo(a)anthracene
Concen: 53.041 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:228 Resp: 611325

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	23.1	16.3	24.5



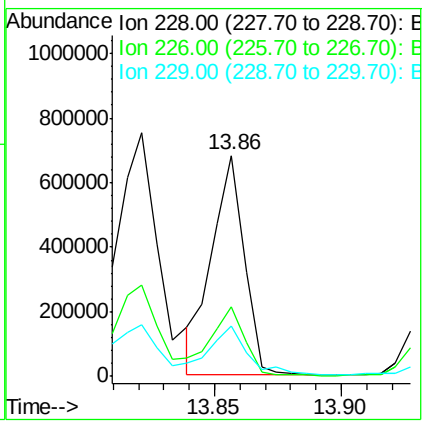


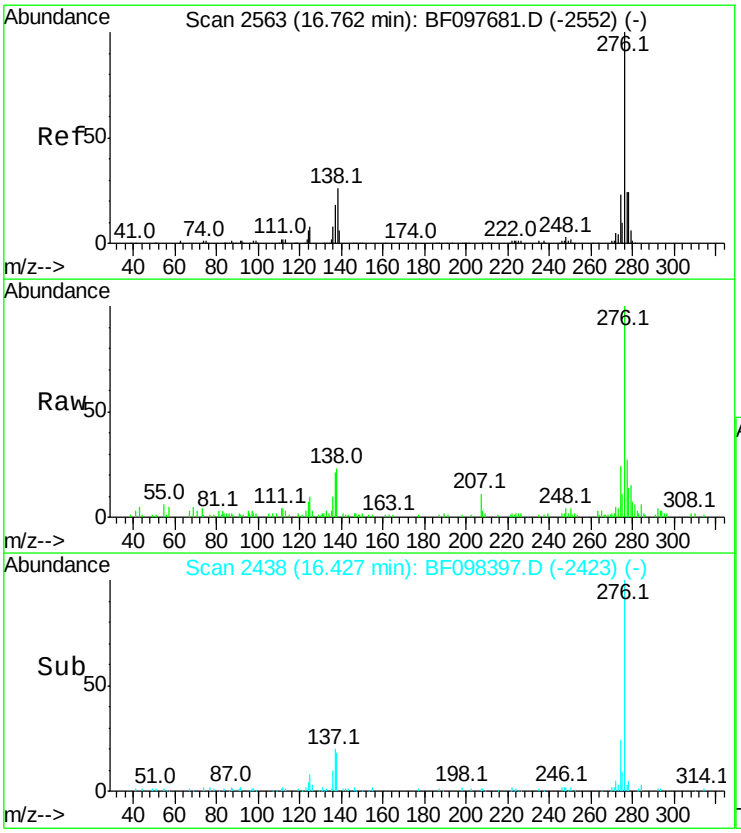
#82
Chrysene
Concen: 53.320 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 611325

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	23.1	15.8	23.6

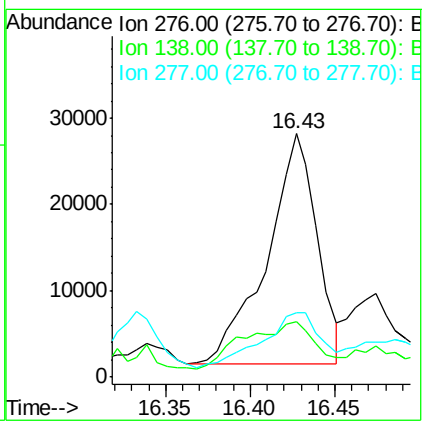


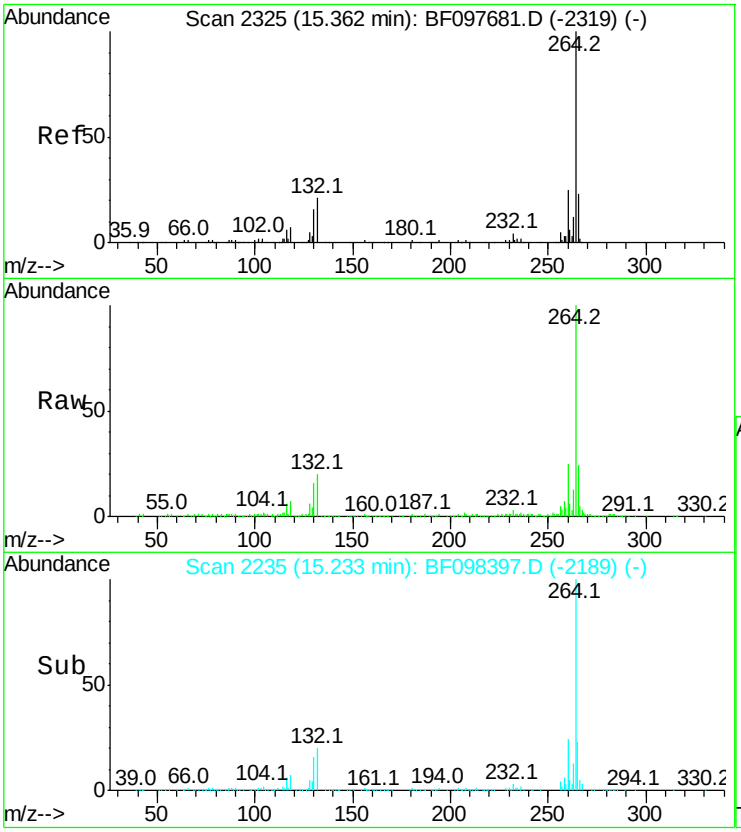


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.495 ng
RT: 16.43 min Scan# 2438
Delta R.T. -0.21 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:276 Resp: 54782

Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.8	41.6
277	28.0	20.2	30.4



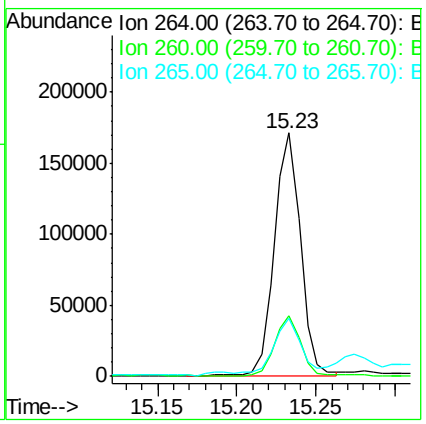


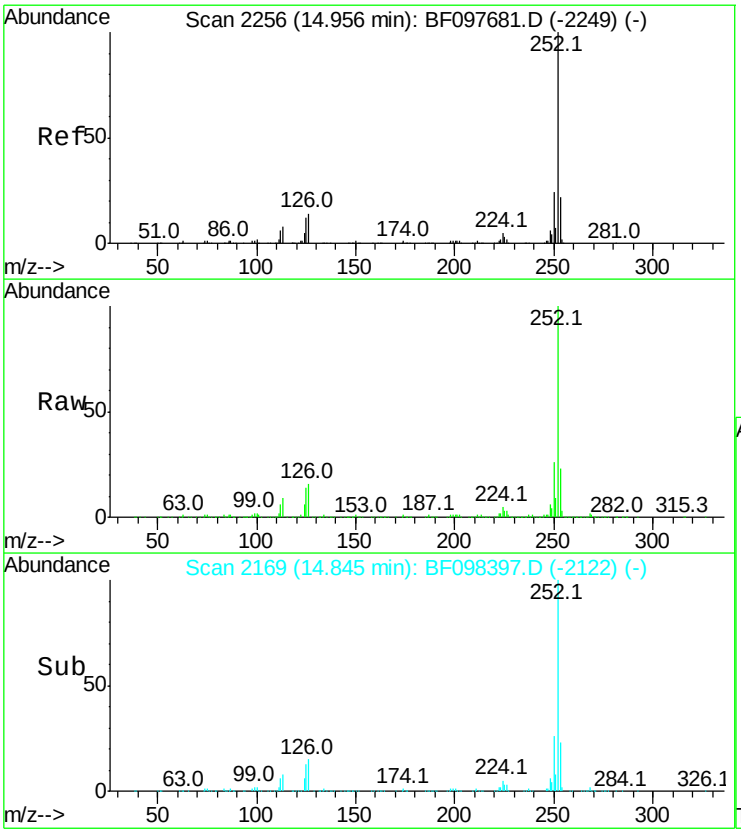
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 196243

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	23.6	17.2	25.8

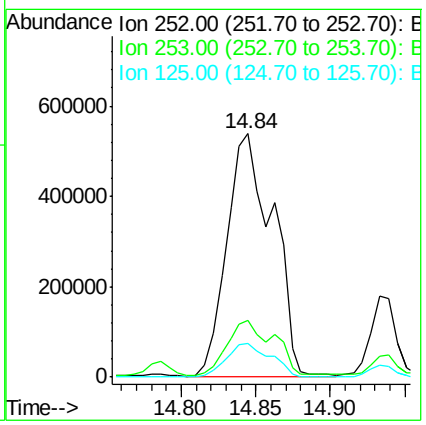


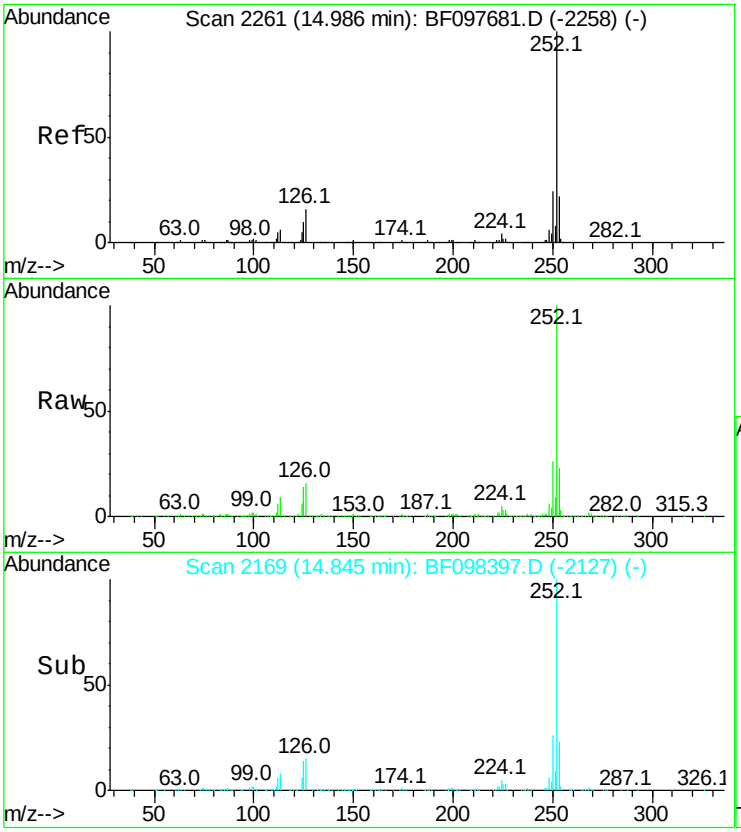


#87
Benzo(b)fluoranthene
Concen: 93.117 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:252 Resp: 1151844

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	13.7	9.8	14.8



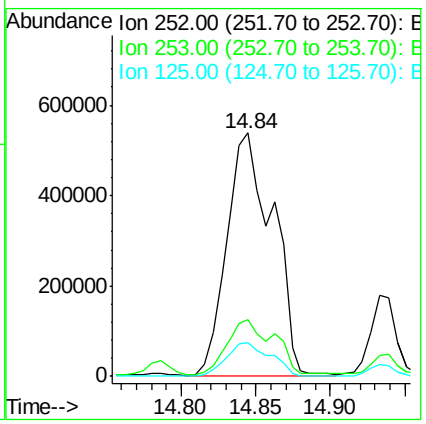


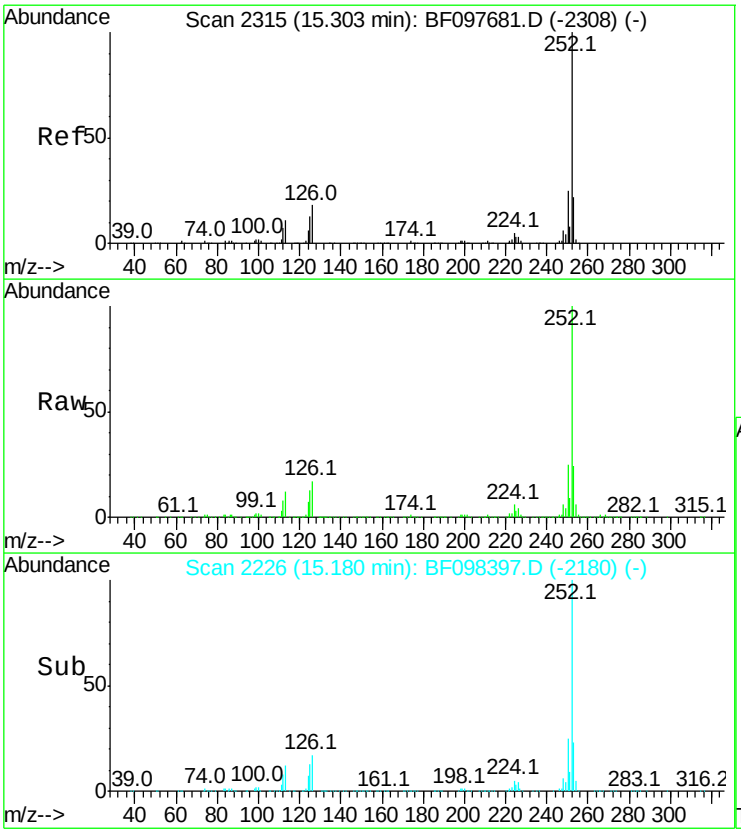
#88
Benzo(k)fluoranthene
Concen: 99.113 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.05 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1151844

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	13.7	13.1	19.7

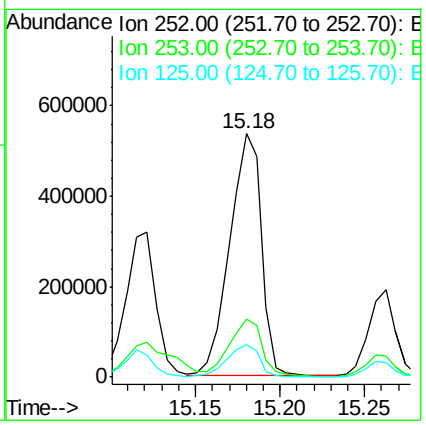


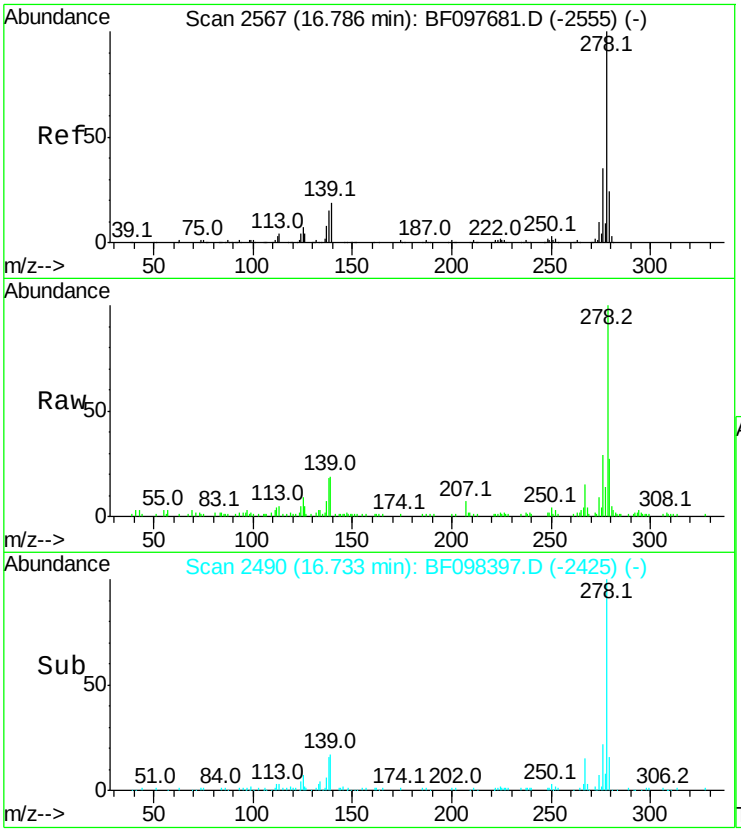


#89
Benzo(a)pyrene
Concen: 64.188 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:252 Resp: 702903

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	13.5	11.0	16.4



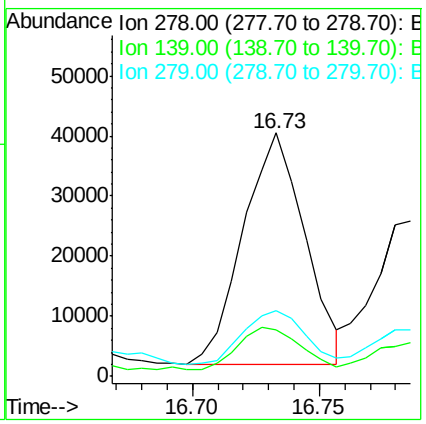


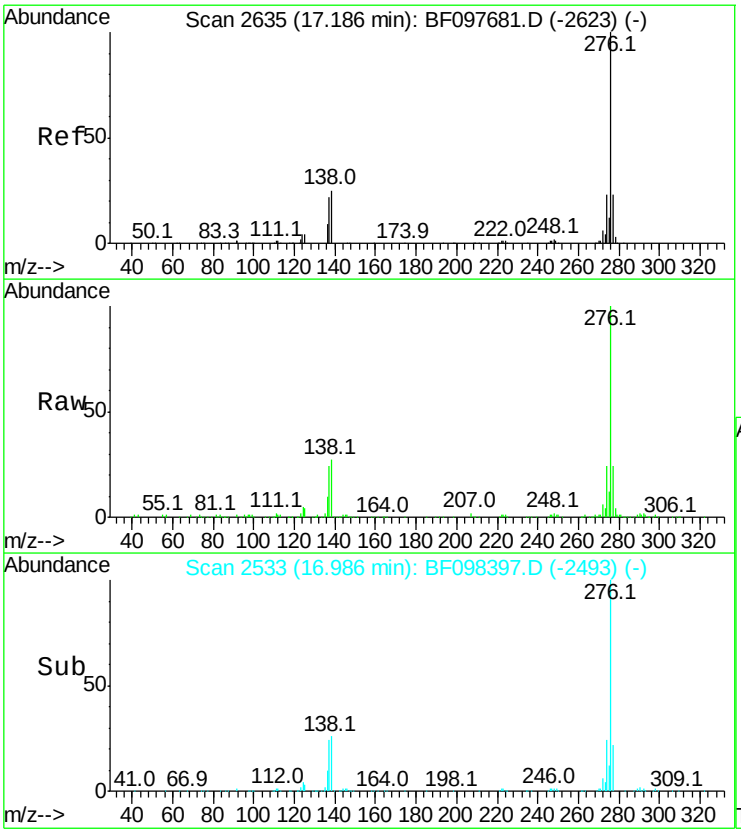
#90
Dibenzo(a,h)anthracene
Concen: 7.298 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.08 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 65067

Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.6	24.8
279	27.0	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 33.371 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.06 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:276 Resp: 310423

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	26.8	25.4	38.0