Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
Data File : BF093925.D
Acq On : 24 Mar 2017 23:52
Operator : SJ/MA
Sample : I2367-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-DD10-BASE

Quant Time: Mar 25 00:52:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	182444	20.00	ng		-0.03
21) Naphthalene-d8	7.46	136	710796	20.00	ng		-0.03
38) Acenaphthene-d10	9.60	164	299642	20.00	ng		-0.04
63) Phenanthrene-d10	11.43	188	458122	20.00	ng		-0.03
75) Chrysene-d12	14.69	240	306530	20.00	ng		-0.02
86) Perylene-d12	16.33	264	280914	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.49	112	623479	57.72	ng		-0.02
7) Phenol-d6	5.55	99	784889	58.74	ng		-0.02
23) Nitrobenzene-d5	6.60	82	476730	38.28	ng		-0.04
41) 2,4,6-Tribromophenol	10.57	330	131205	55.41	ng		-0.04
44) 2-Fluorobiphenyl	8.79	172	798166	40.63	ng		-0.04
78) Terphenyl-d14	13.41	244	458406	33.52	ng		-0.03
Target Compounds							Qvalue
10) Phenol	5.56	94	34846	2.29	ng		92
19) n-Nitroso-di-n-propylamine	6.60	70	63580	7.40	ng	#	77
31) Naphthalene	7.49	128	264563	7.74	ng		99
33) 4-Chloroaniline	7.49	127	35321	2.55	ng	#	32
37) 2-Methylnaphthalene	8.33	142	189625	8.32	ng		98
45) 1,1'-Biphenyl	8.90	154	48488	2.01	ng		95
48) Acenaphthylene	9.43	152	116156	3.69	ng		98
49) Dimethylphthalate	9.28	163	126661	5.95	ng		99
51) Acenaphthene	9.65	154	158966	8.66	ng		100
54) Dibenzofuran	9.86	168	162038	6.49	ng		99
57) Fluorene	10.28	166	234142	11.30	ng		100
70) Phenanthrene	11.47	178	2370500	93.02	ng		99
71) Anthracene	11.53	178	600873	22.90	ng		98
72) Carbazole	11.72	167	235813	8.76	ng		98
74) Fluoranthene	12.94	202	2469924	94.65	ng		99
77) Pyrene	13.22	202	2352892	105.77	ng		99
80) Benzo(a)anthracene	14.68	228	1123813	62.87	ng		99
82) Chrysene	14.73	228	1087910	65.59	ng		97
83) Bis(2-ethylhexyl)phthalate	14.73	149	65193	5.04	ng		97
85) Indeno(1,2,3-cd)pyrene	17.72	276	493302	34.34	ng		94
87) Benzo(b)fluoranthene	15.92	252	1650496	95.85	ng		97
88) Benzo(k)fluoranthene	15.92	252	1650496	97.97	ng		98
89) Benzo(a)pyrene	16.27	252	877300	55.33	ng		97
90) Dibenzo(a,h)anthracene	17.67	278	40924	3.05	ng		93
91) Benzo(g,h,i)perylene	18.13	276	458953	33.91	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 24 Mar 2017 23:52
Operator : SJ/MA
Sample : I2367-21 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Quant Time: Mar 25 00:52:06 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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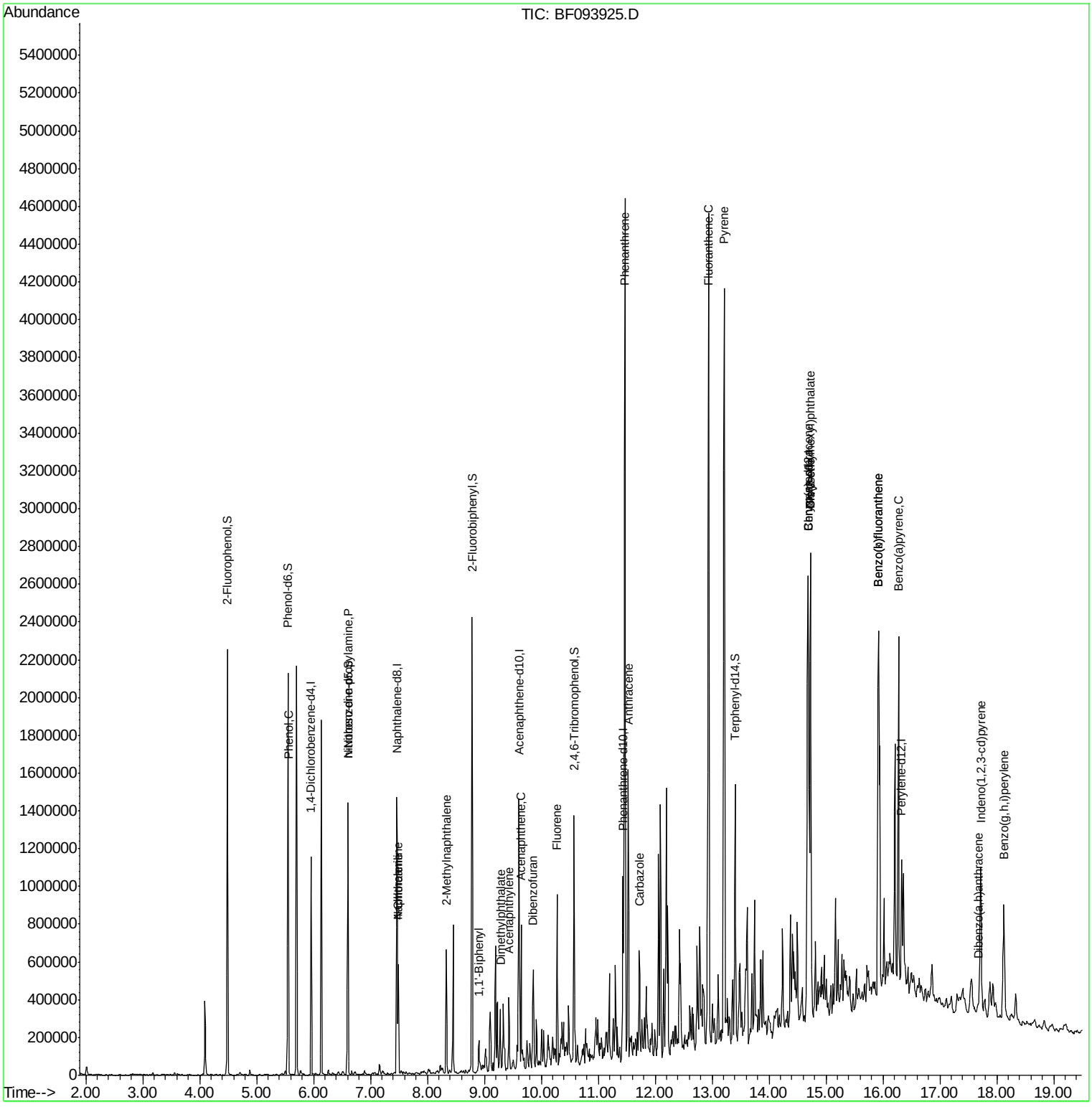
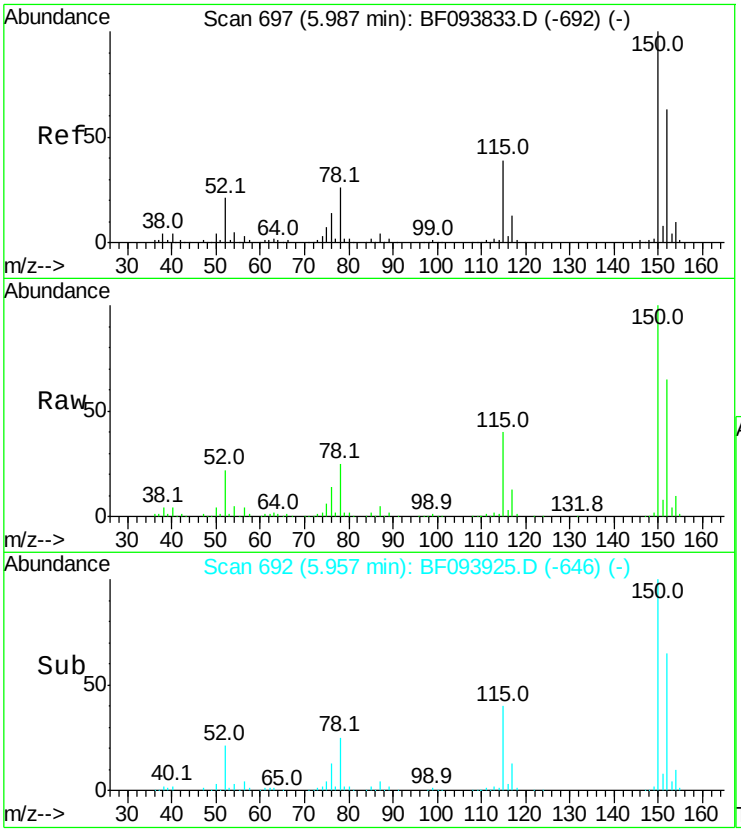


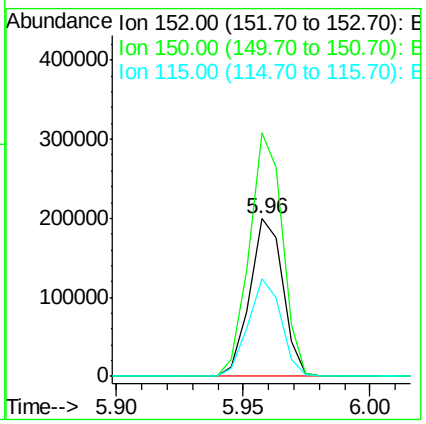


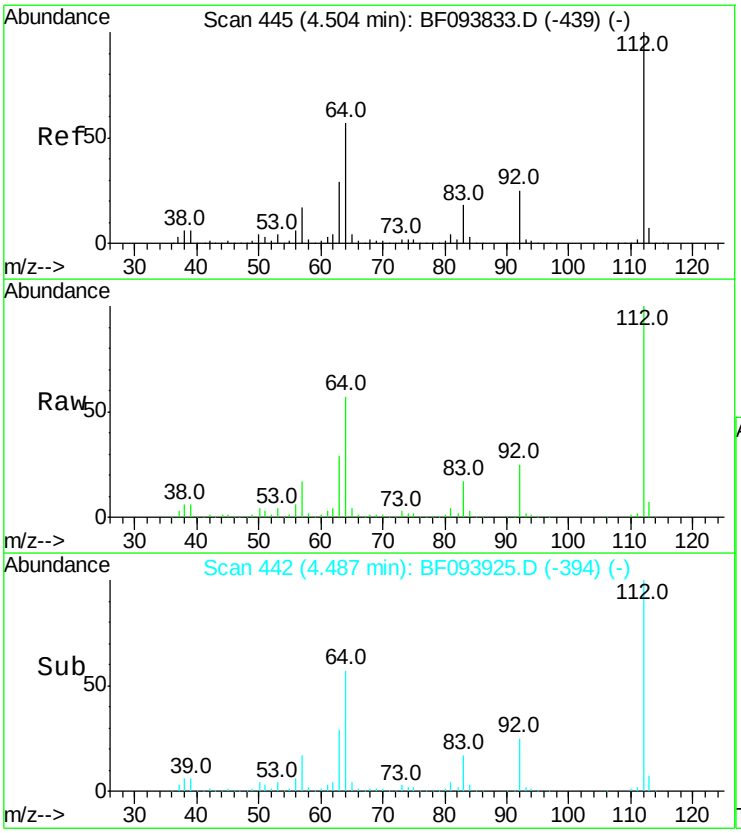
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:152 Resp: 182444

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	62.0	52.2	78.2

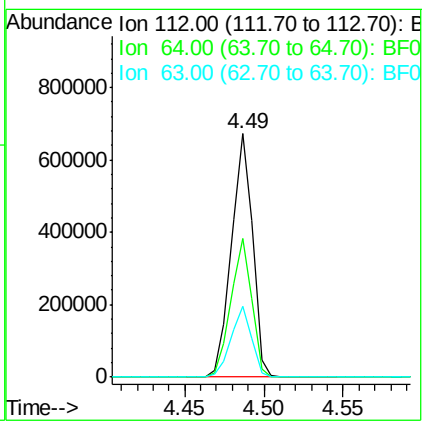


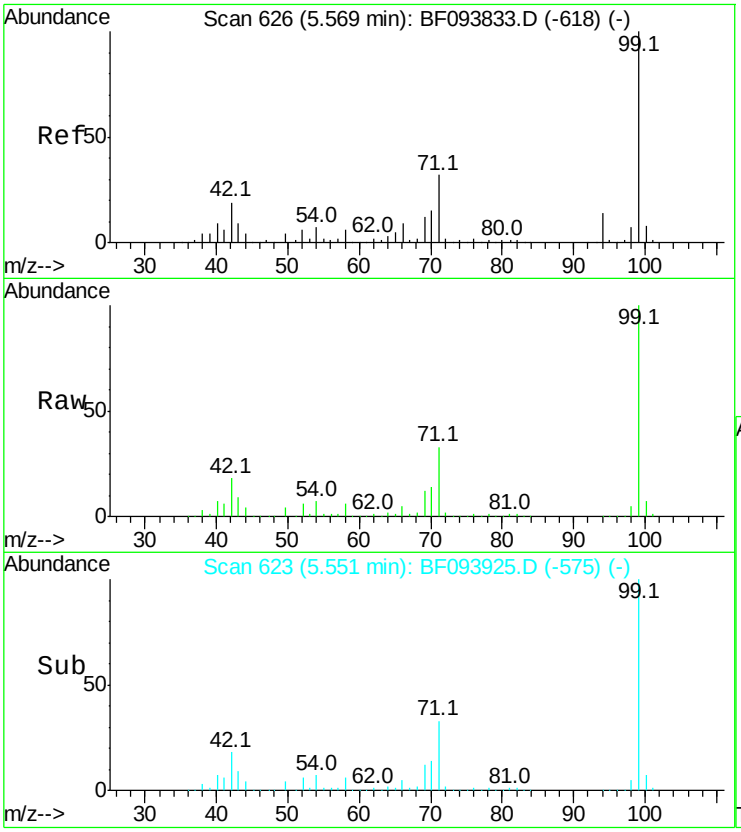


#5
2-Fluorophenol
Concen: 57.72 ng
RT: 4.49 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:112 Resp: 623479

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.0	69.0
63	29.0	23.4	35.0



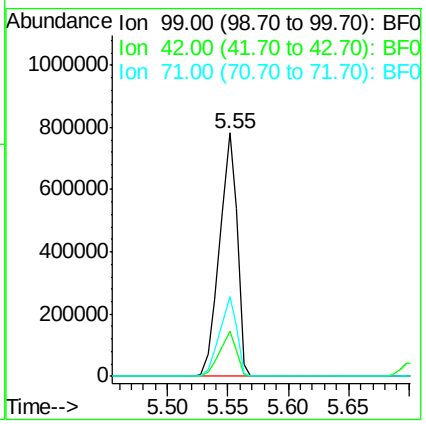


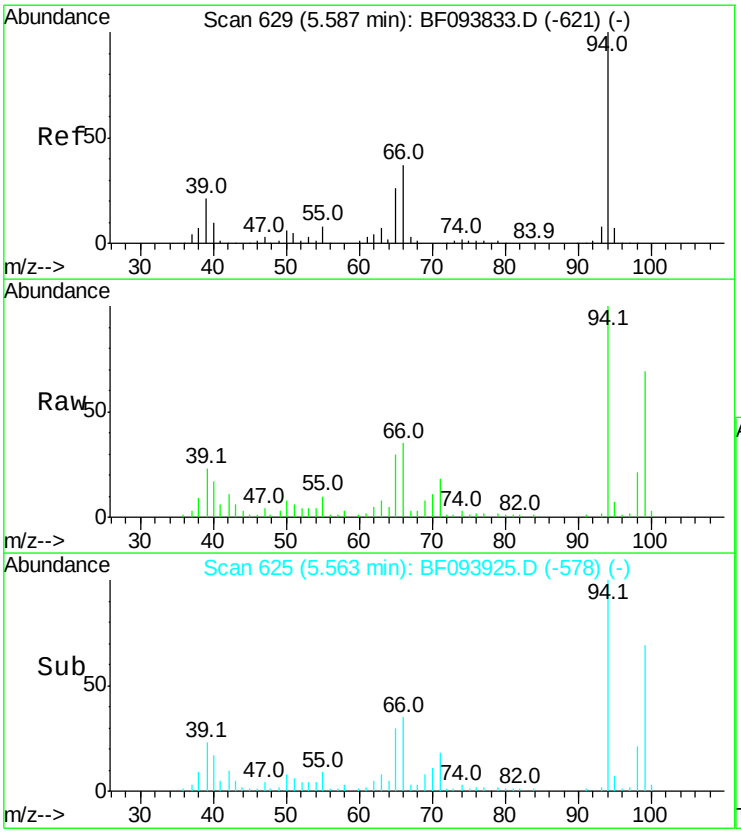
#7
Phenol-d6
Concen: 58.74 ng
RT: 5.55 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion: 99 Resp: 784889

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.5	20.3
71	32.9	24.5	36.7

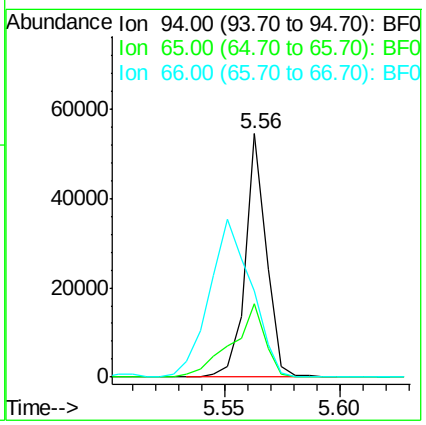


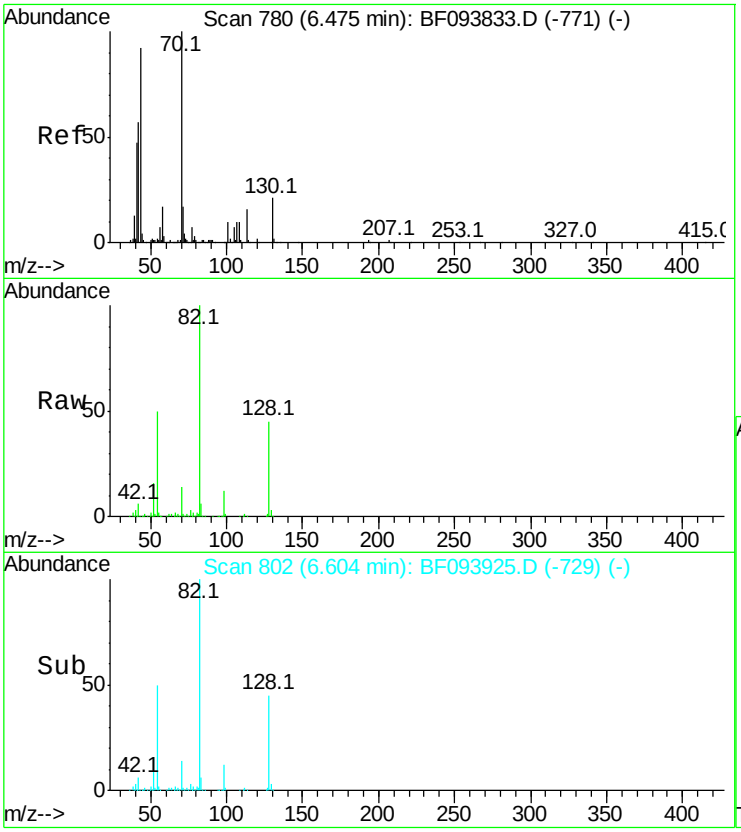


#10
Phenol
Concen: 2.29 ng
RT: 5.56 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion: 94 Resp: 34846

Ion	Ratio	Lower	Upper
94	100		
65	30.3	9.9	49.9
66	35.2	23.1	63.1



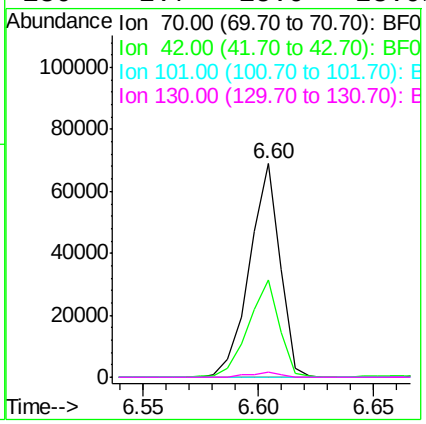


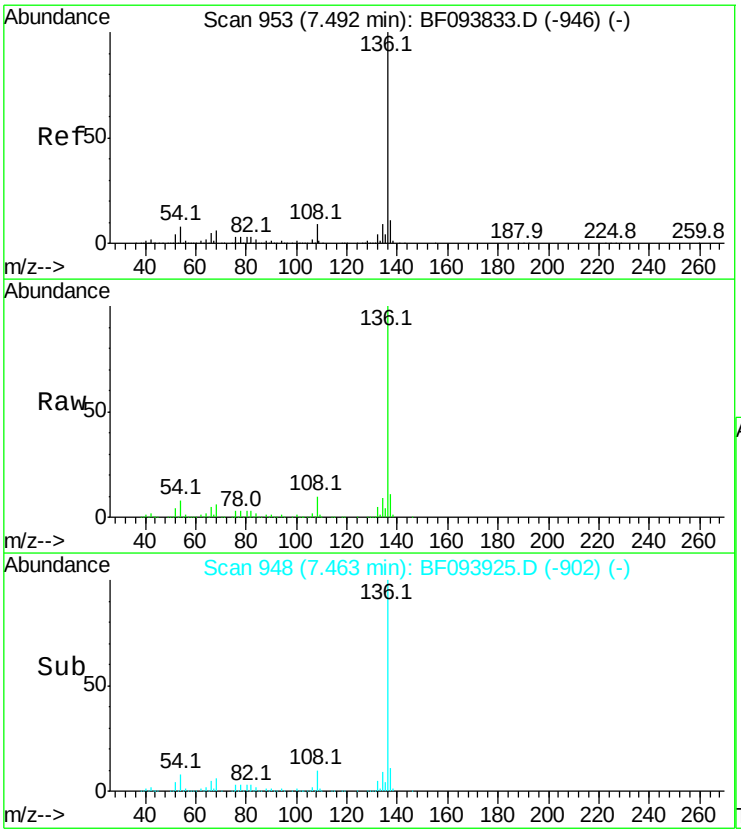
#19
n-Nitroso-di-n-propylamine
Concen: 7.40 ng
RT: 6.60 min Scan# 802
Delta R.T. 0.13 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion: 70 Resp: 63580

Ion	Ratio	Lower	Upper
70	100		
42	45.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#

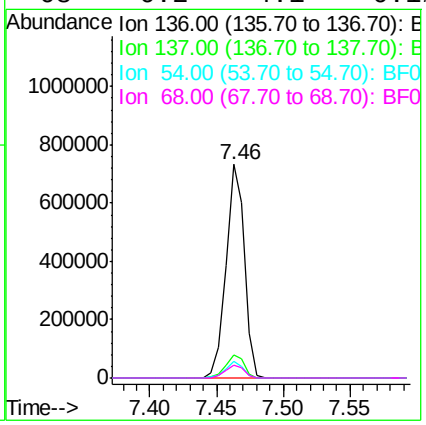


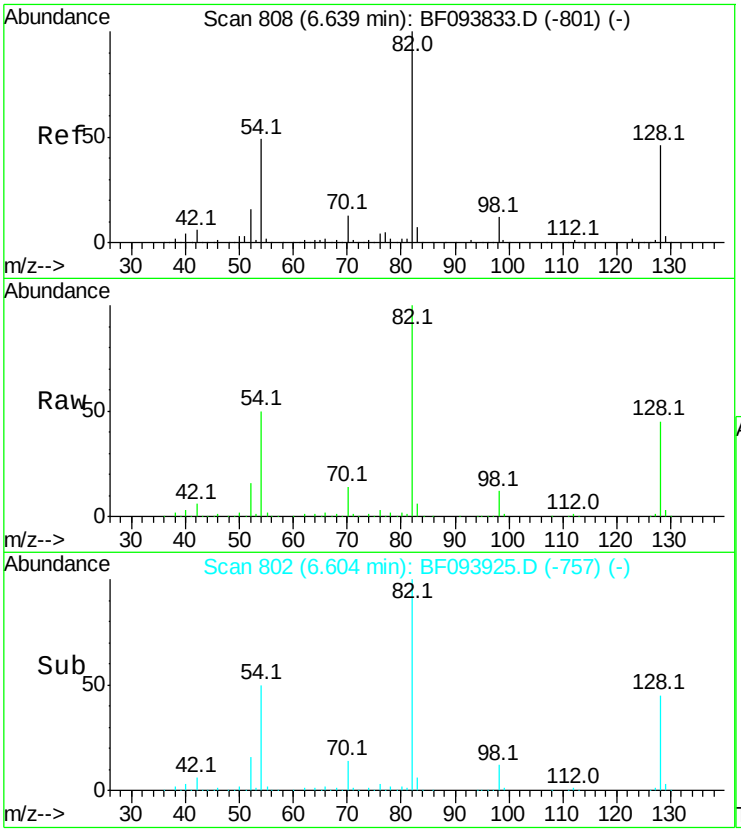


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:136 Resp: 710796

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.0	4.9	7.3#
68	6.2	4.1	6.1#



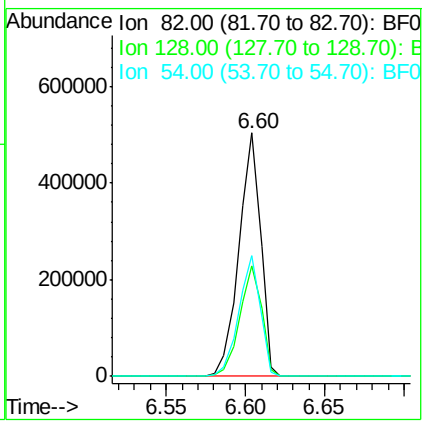


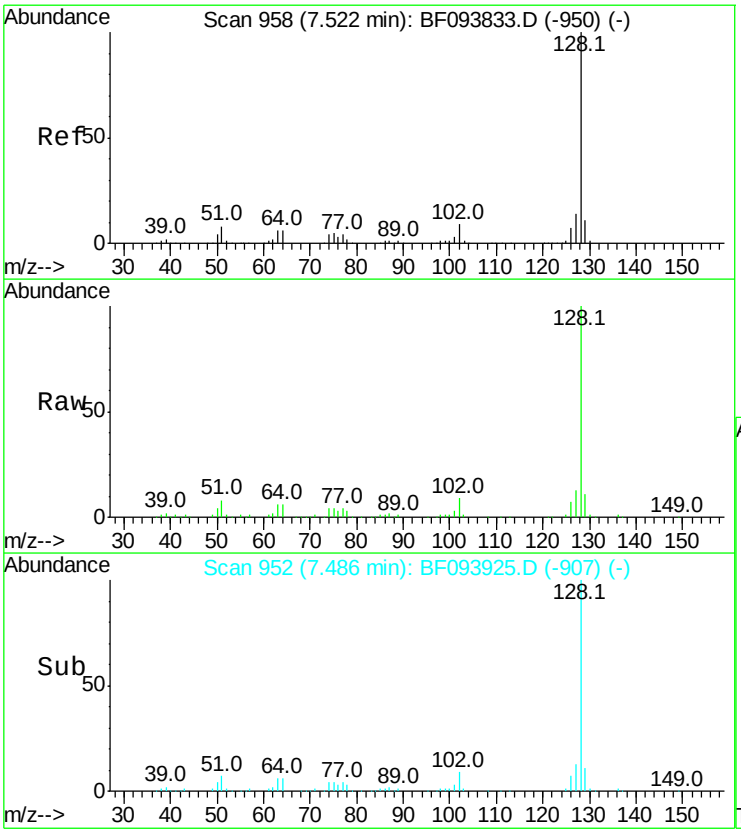
#23
Nitrobenzene-d5
Concen: 38.28 ng
RT: 6.60 min Scan# 802
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion: 82 Resp: 476730

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	49.8	42.2	63.2

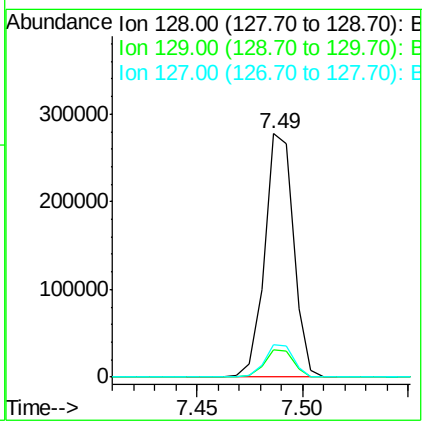


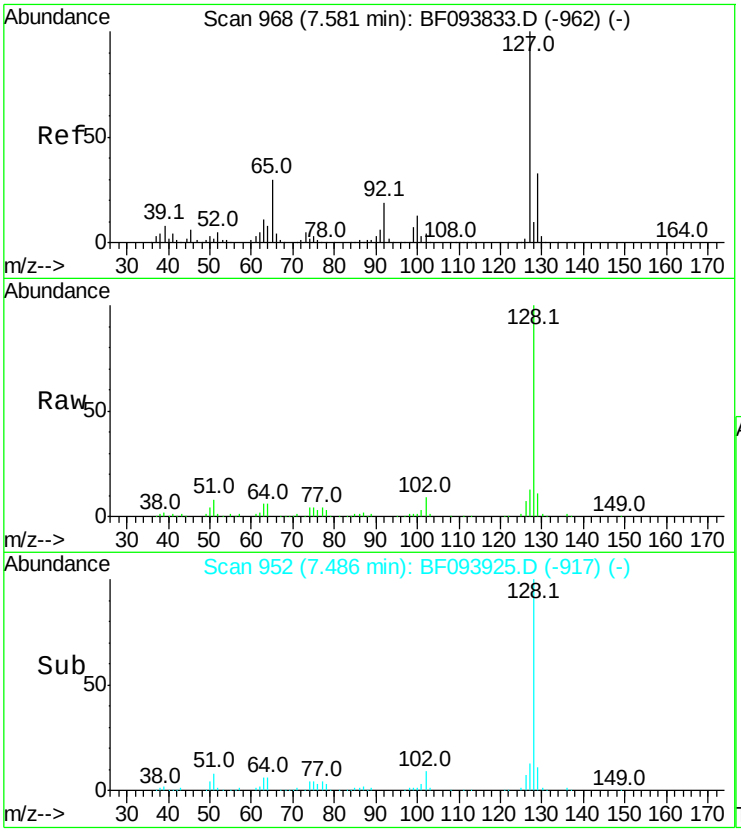


#31
Naphthalene
Concen: 7.74 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:128 Resp: 264563

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.1	10.8	16.2



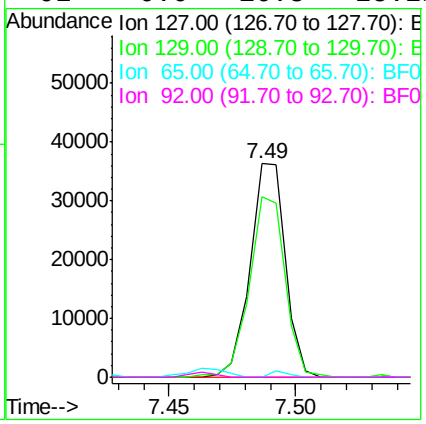


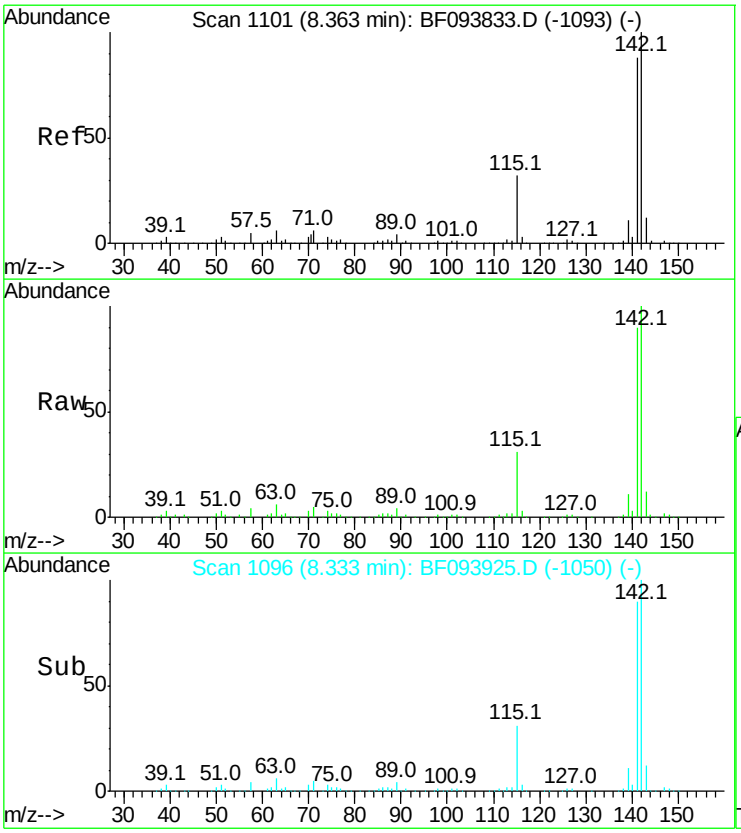
#33
4-Chloroaniline
Concen: 2.55 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.09 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:127 Resp: 35321

Ion	Ratio	Lower	Upper
127	100		
129	84.4	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

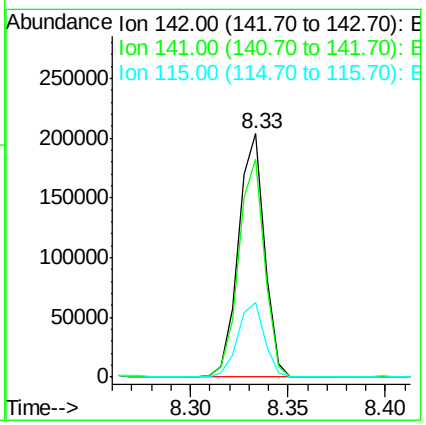


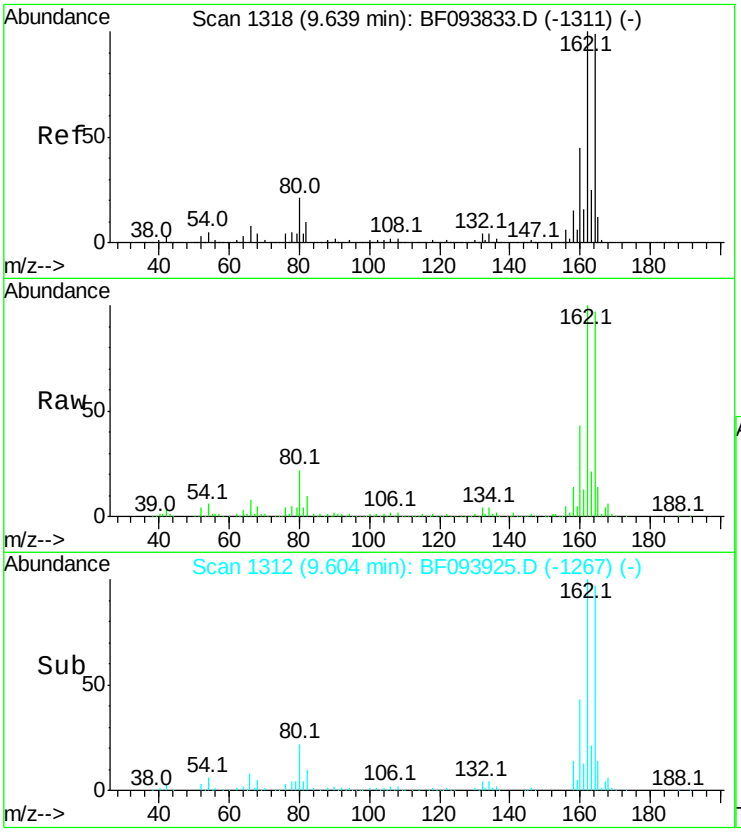


#37
2-Methylnaphthalene
Concen: 8.32 ng
RT: 8.33 min Scan# 1096
Delta R.T. -0.03 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:142 Resp: 189625

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	30.9	27.1	40.7



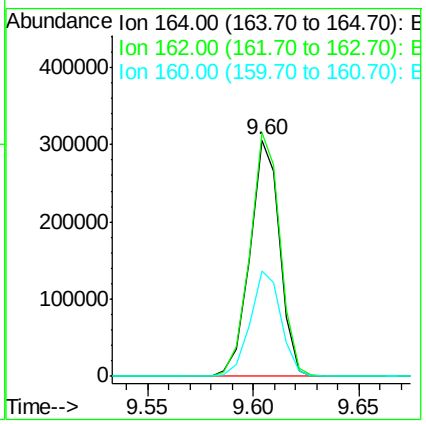


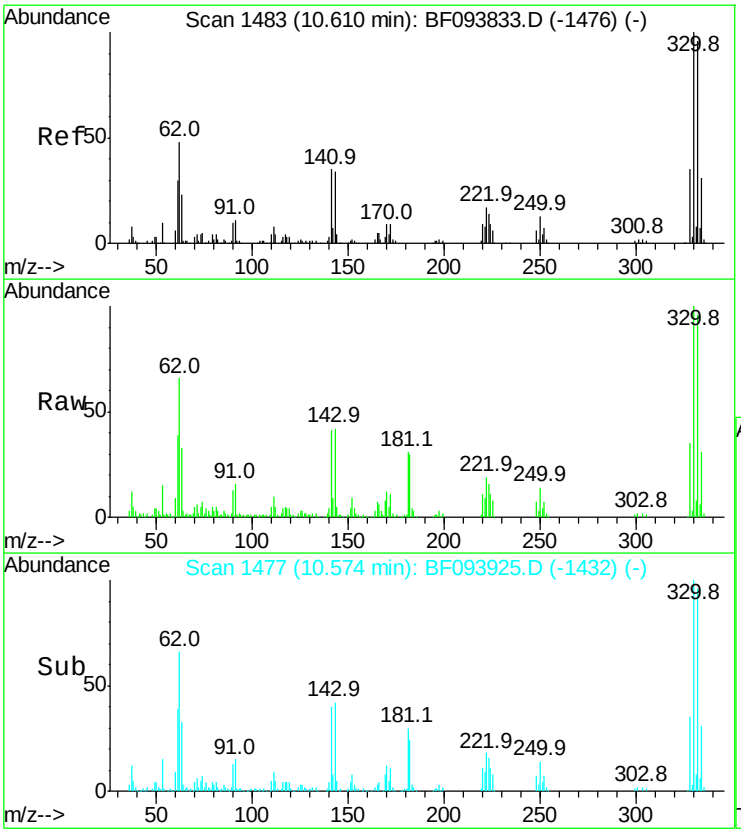
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:164 Resp: 299642

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	44.4	36.2	54.2

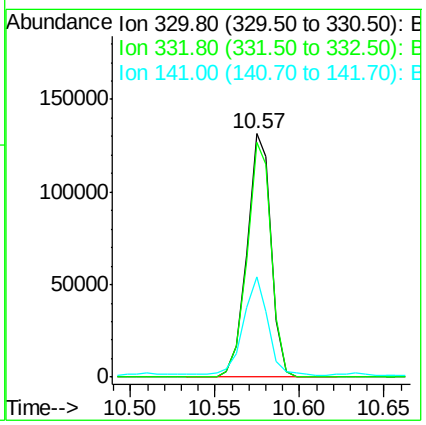


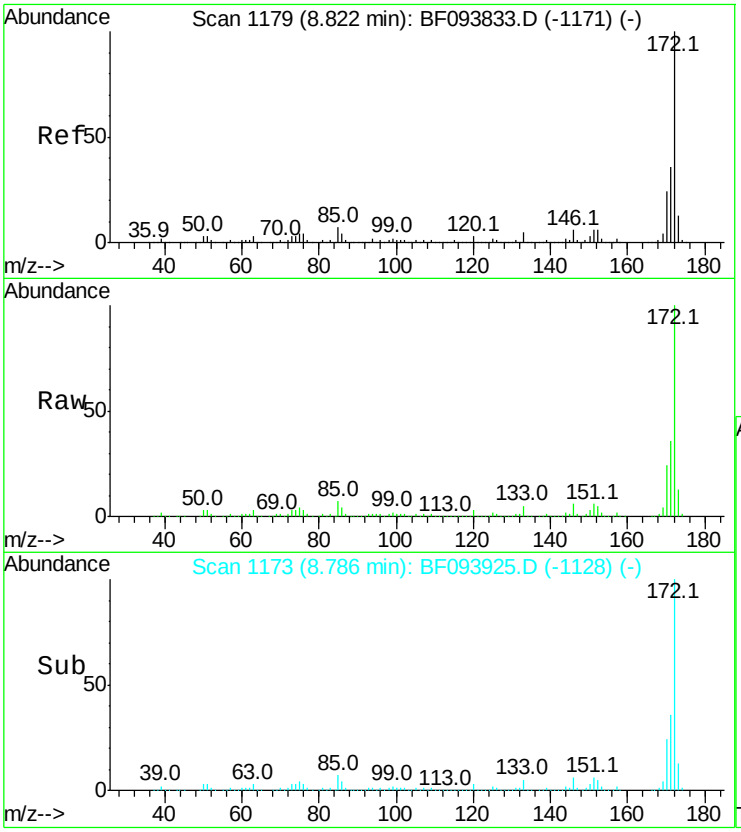


#41
2,4,6-Tribromophenol
Concen: 55.41 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:330 Resp: 131205

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	42.1	31.4	47.2



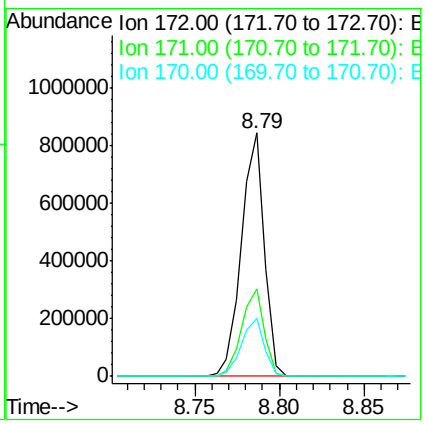


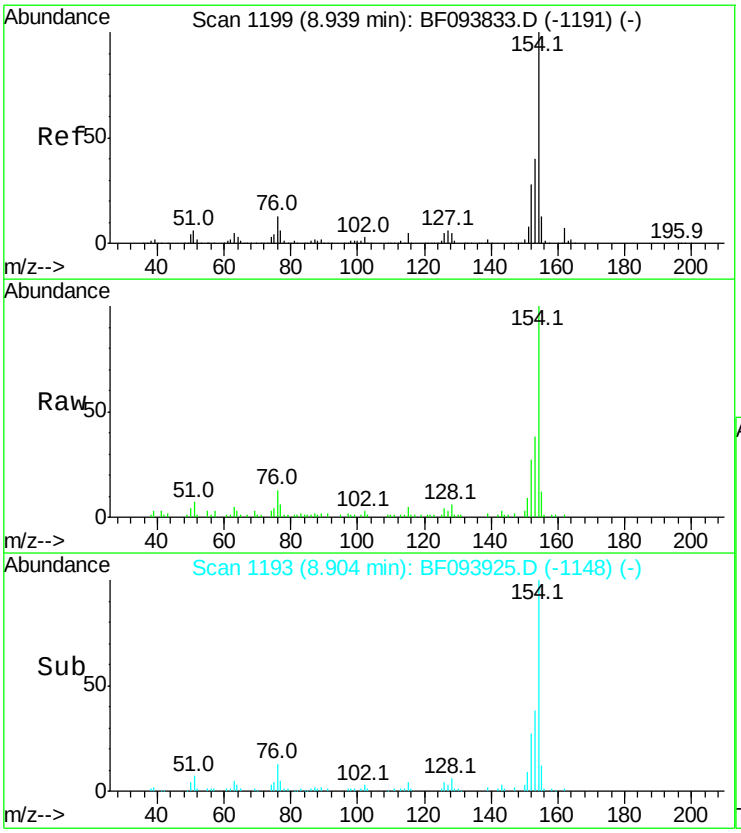
#44
2-Fluorobiphenyl
Concen: 40.63 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:172 Resp: 798166

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.0	19.8	29.8

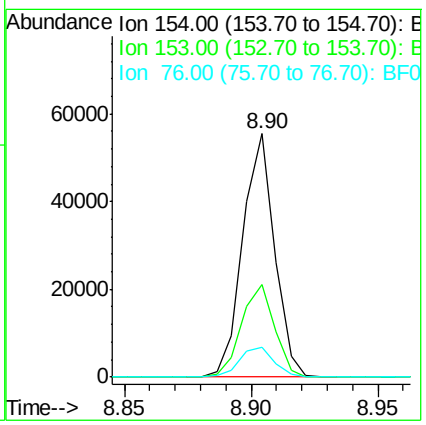


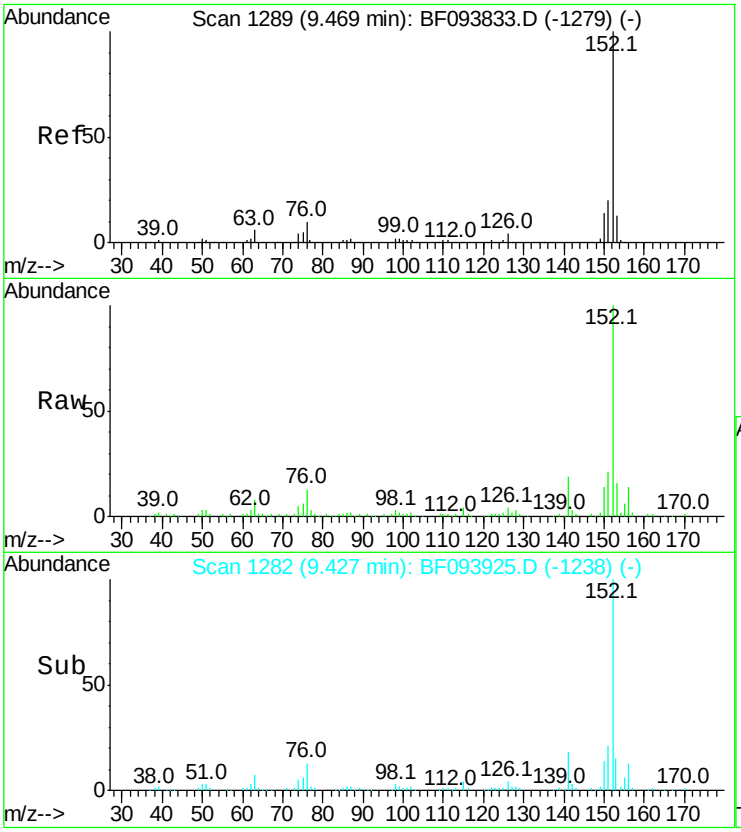


#45
1,1'-Biphenyl
Concen: 2.01 ng
RT: 8.90 min Scan# 1193
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:154 Resp: 48488

Ion	Ratio	Lower	Upper
154	100		
153	38.0	21.2	61.2
76	12.5	0.0	29.9



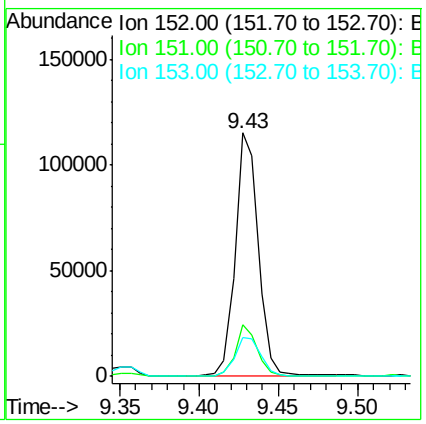


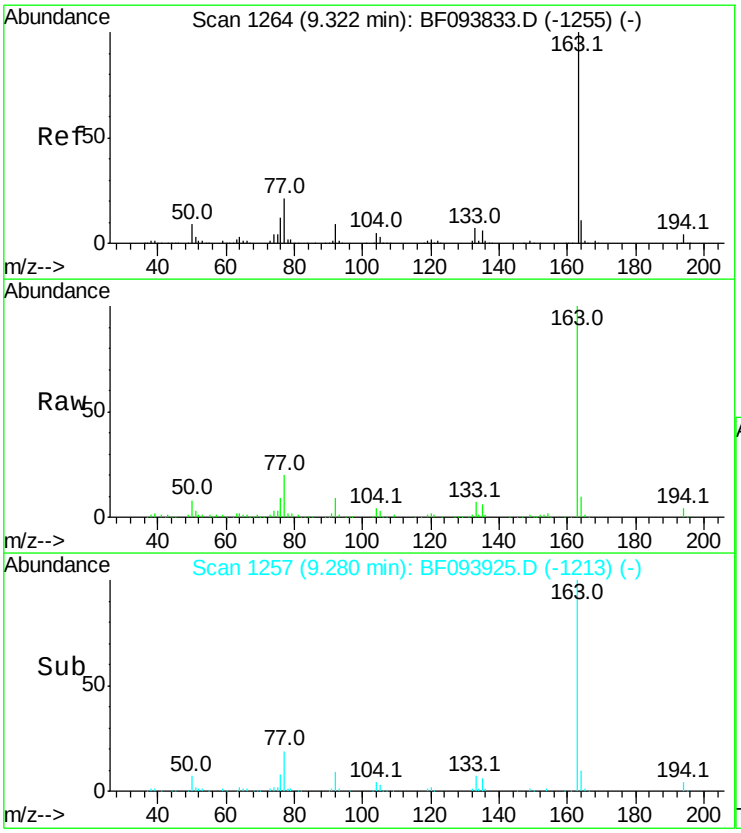
#48
Acenaphthylene
Concen: 3.69 ng
RT: 9.43 min Scan# 1282
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:152 Resp: 116156

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	15.8	10.8	16.2

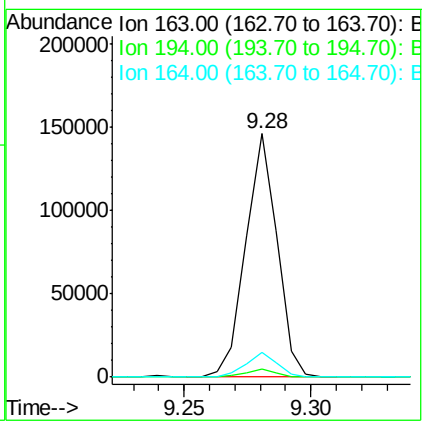


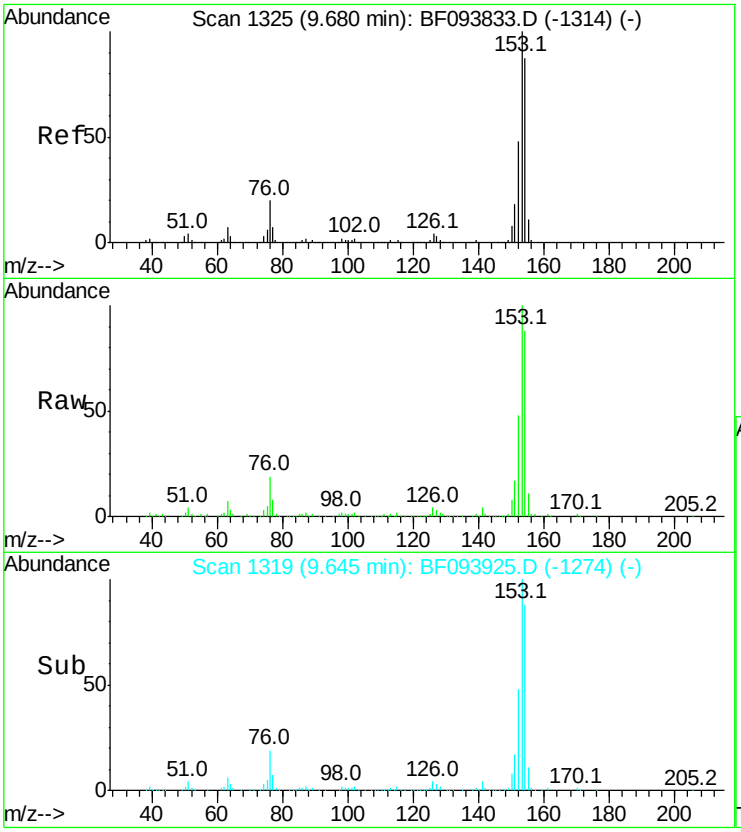


#49
Dimethylphthalate
Concen: 5.95 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:163 Resp: 126661

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.4	12.6



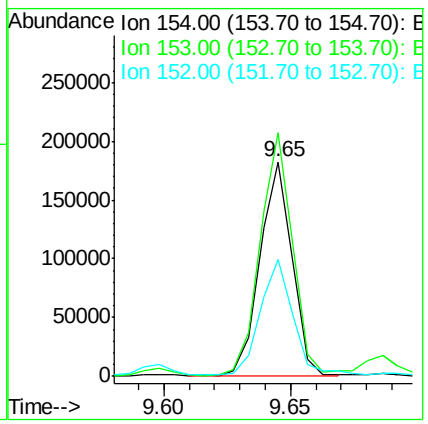


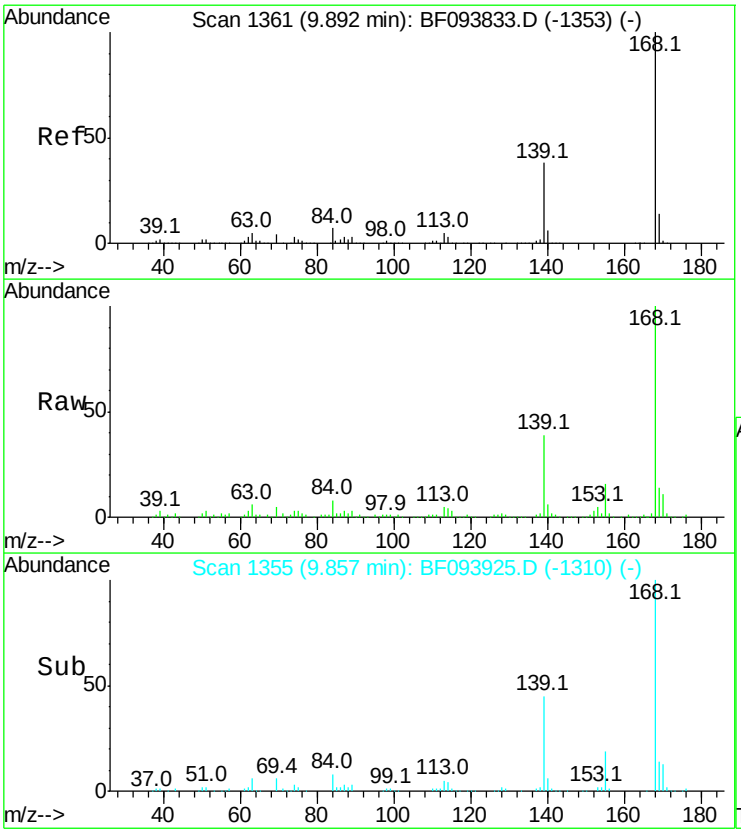
#51
Acenaphthene
Concen: 8.66 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:154 Resp: 158966

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.5	135.7
152	54.7	43.6	65.4

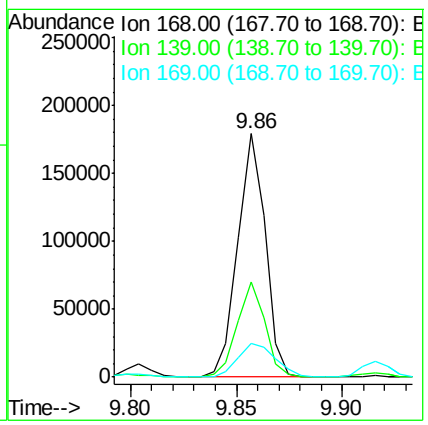


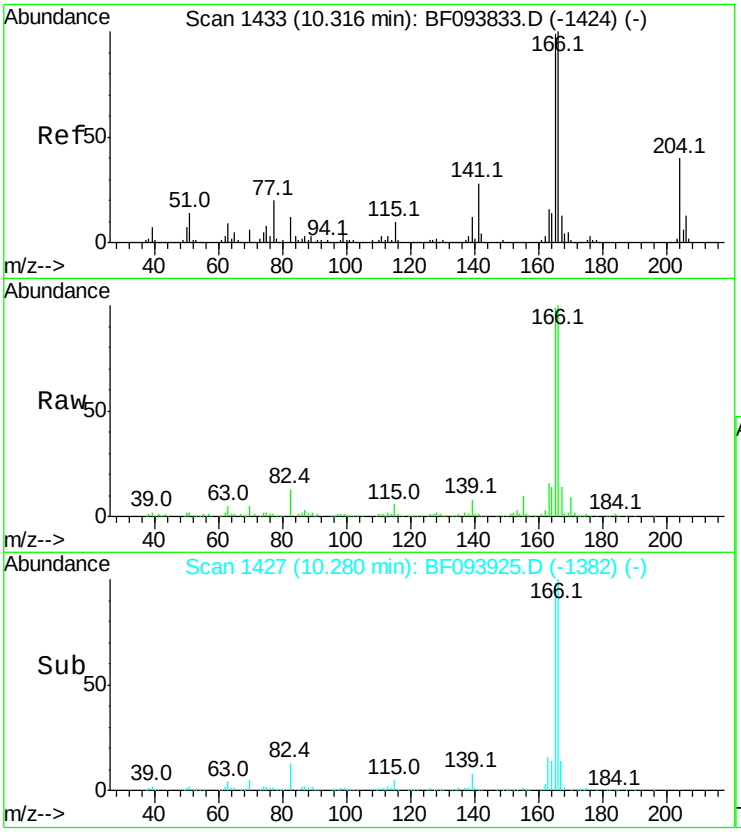


#54
Dibenzofuran
Concen: 6.49 ng
RT: 9.86 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:168 Resp: 162038

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.6	45.8
169	14.1	10.8	16.2



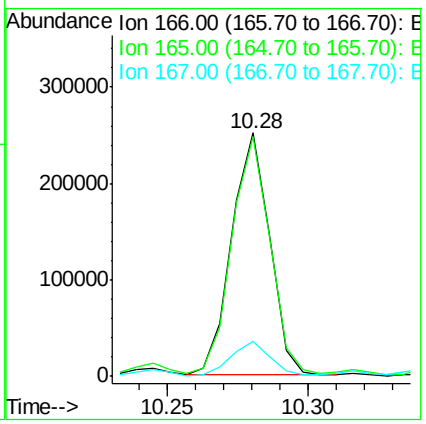


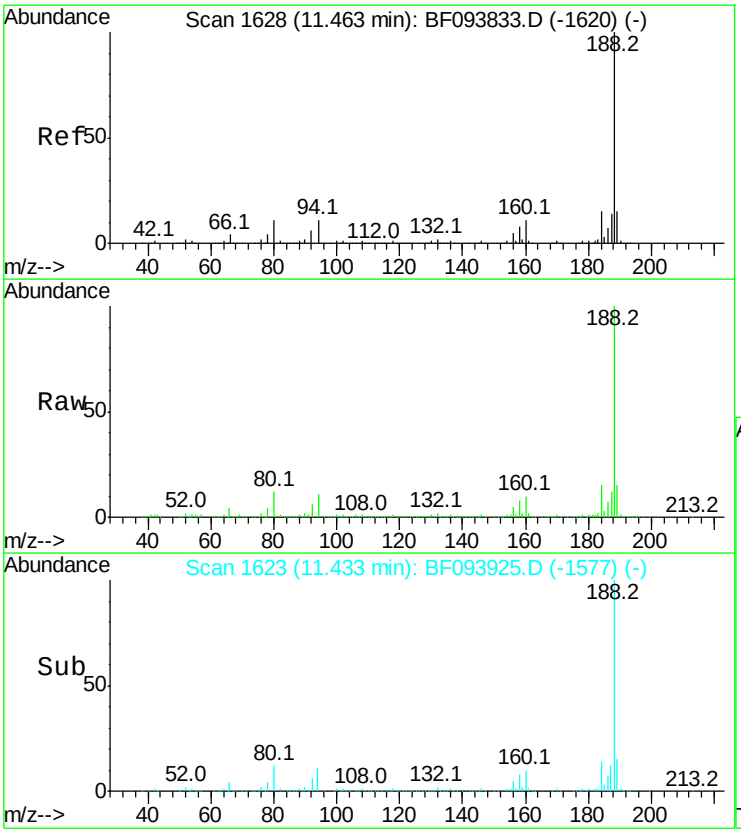
#57
Fluorene
Concen: 11.30 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:166 Resp: 234142

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	14.4	10.6	16.0

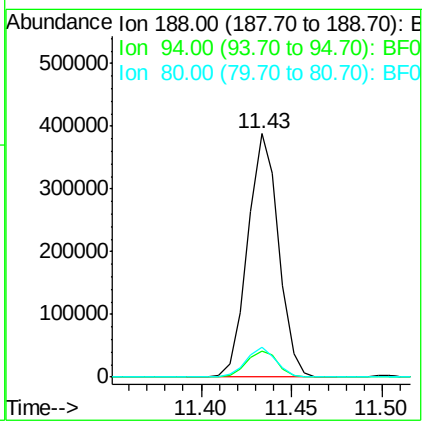


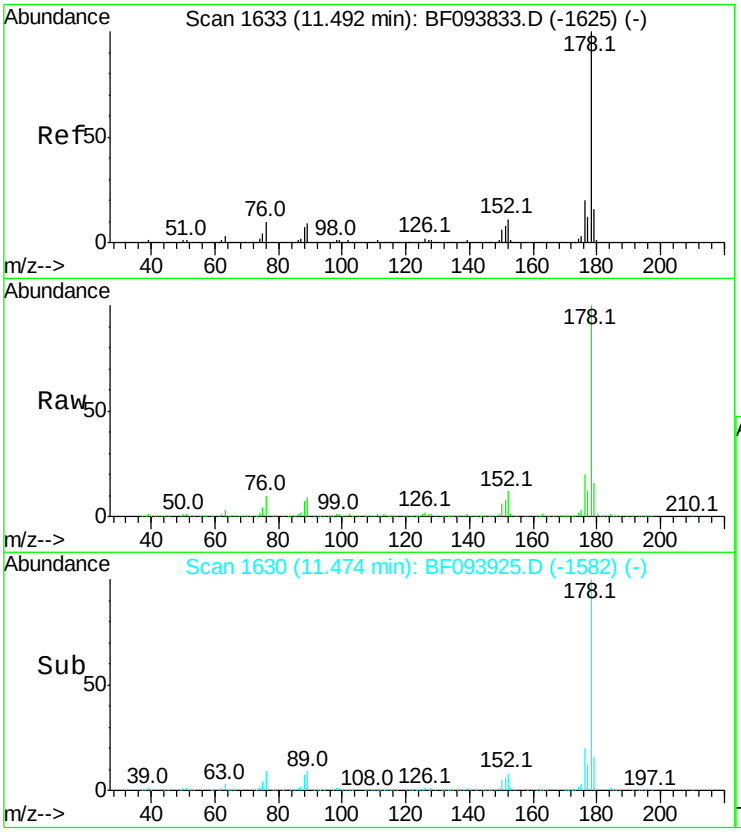


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.03 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:188 Resp: 458122

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	12.3	10.2	15.2



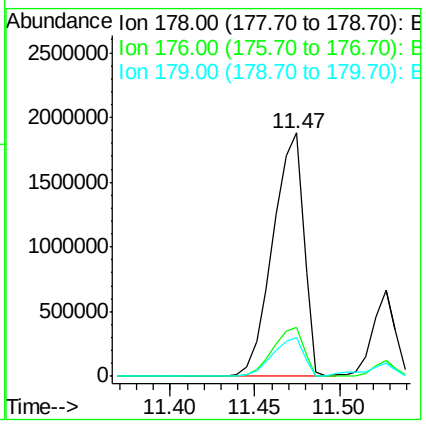


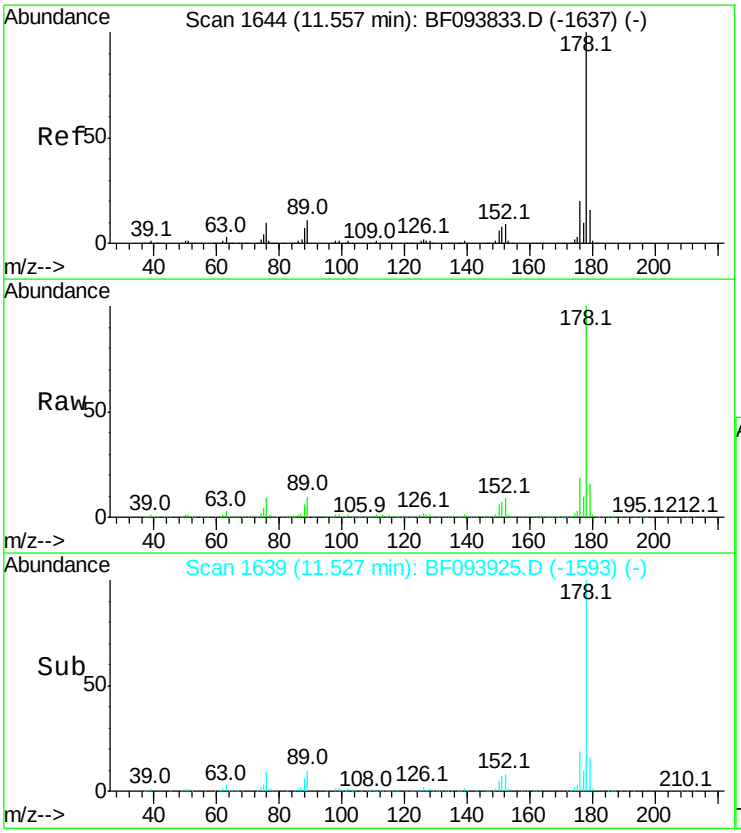
#70
Phenanthrene
Concen: 93.02 ng
RT: 11.47 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:178 Resp: 2370500

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.2	12.6	19.0

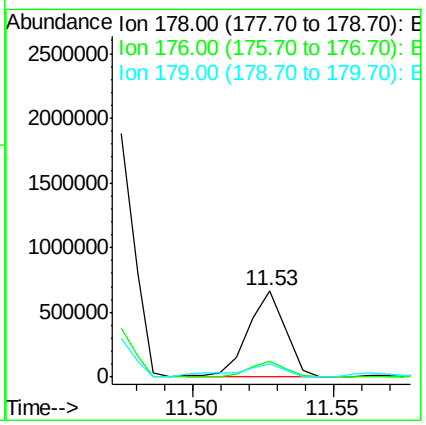


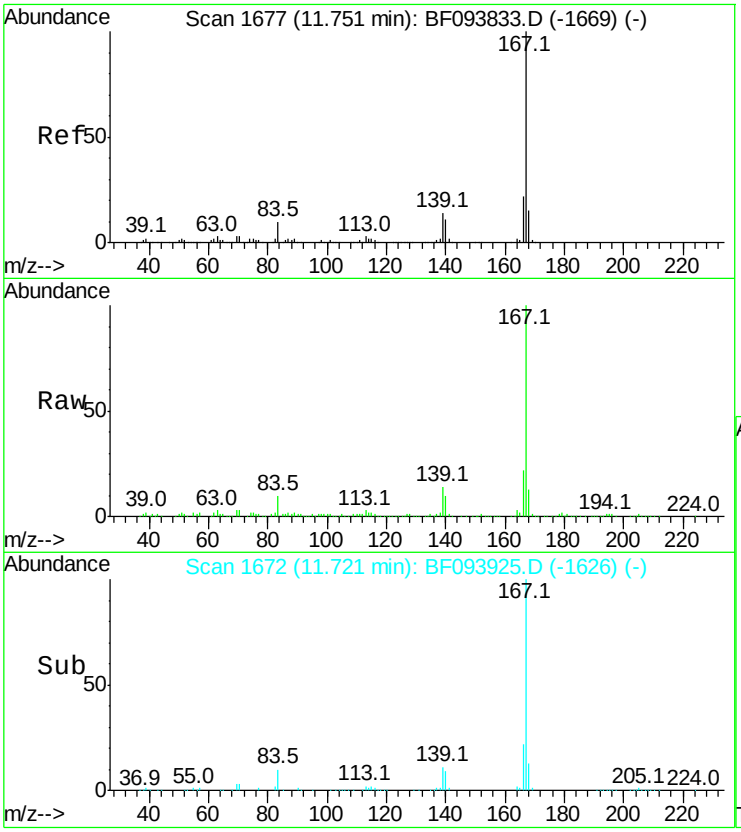


#71
Anthracene
Concen: 22.90 ng
RT: 11.53 min Scan# 1639
Delta R.T. -0.03 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:178 Resp: 600873

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.7	12.7	19.1



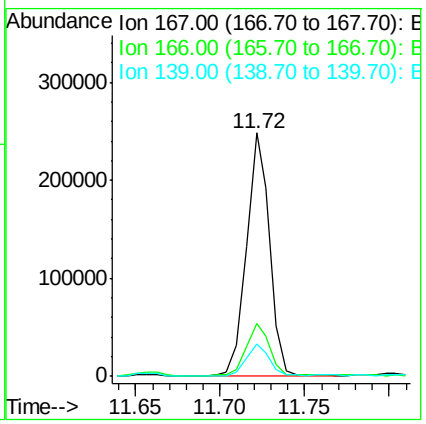


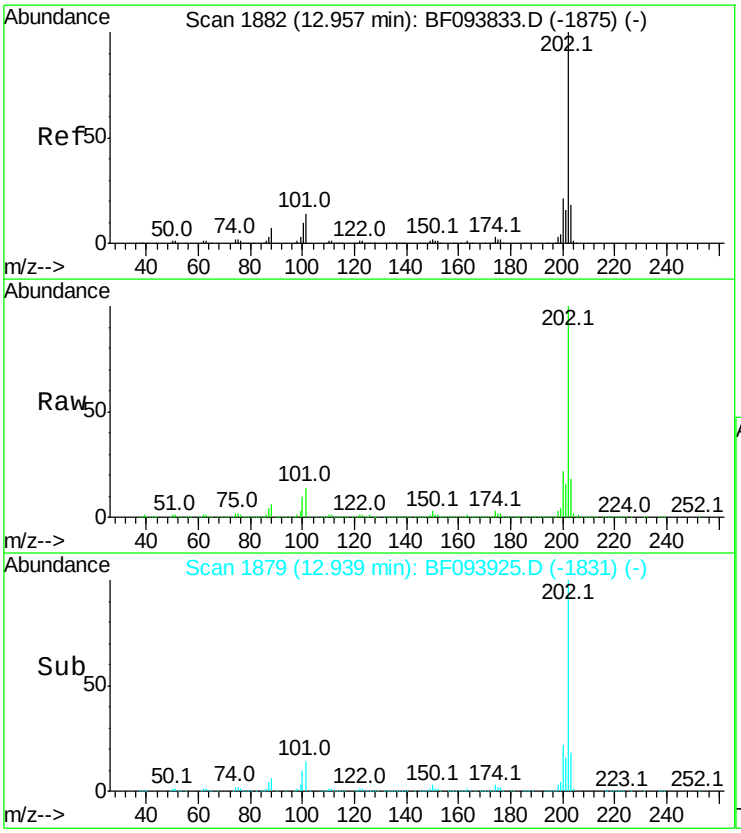
#72
Carbazole
Concen: 8.76 ng
RT: 11.72 min Scan# 1672
Delta R.T. -0.03 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:167 Resp: 235813

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.6	11.7	17.5

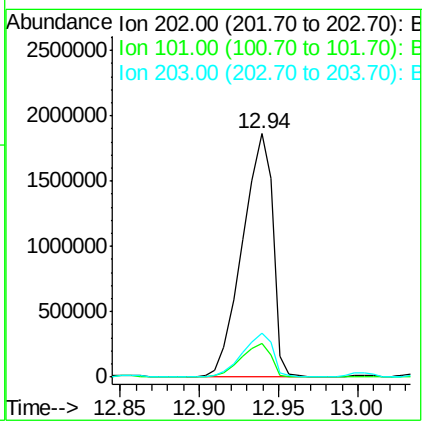


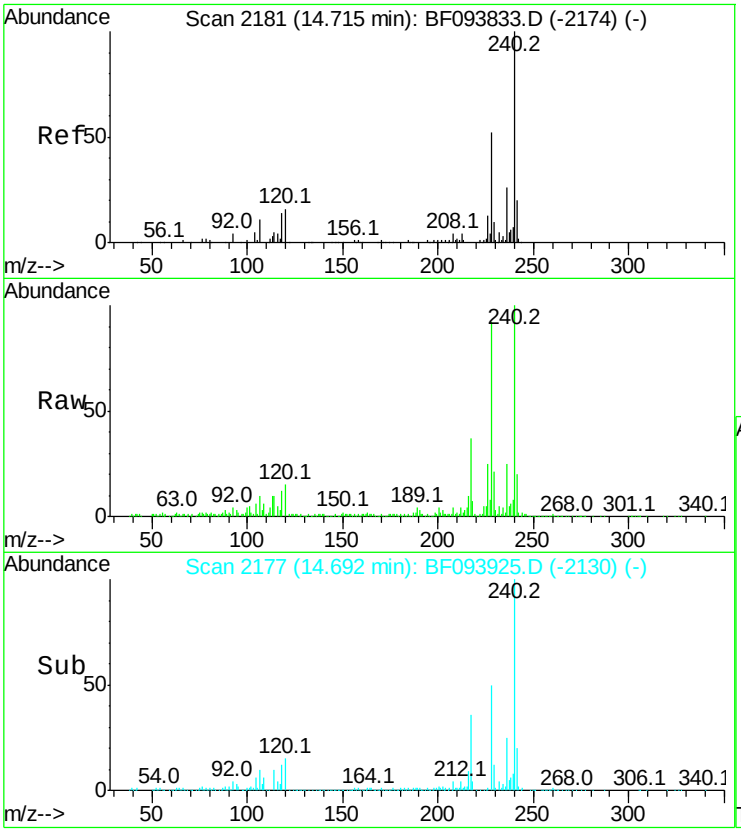


#74
Fluoranthene
Concen: 94.65 ng
RT: 12.94 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:202 Resp: 2469924

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.9	0.0	38.1



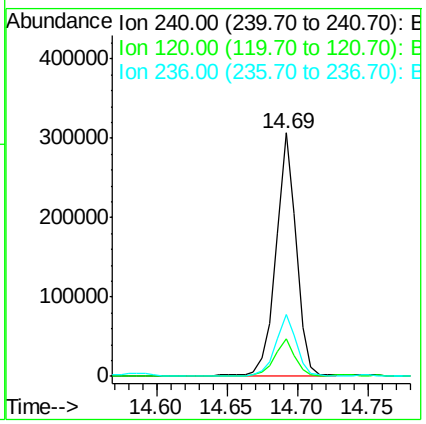


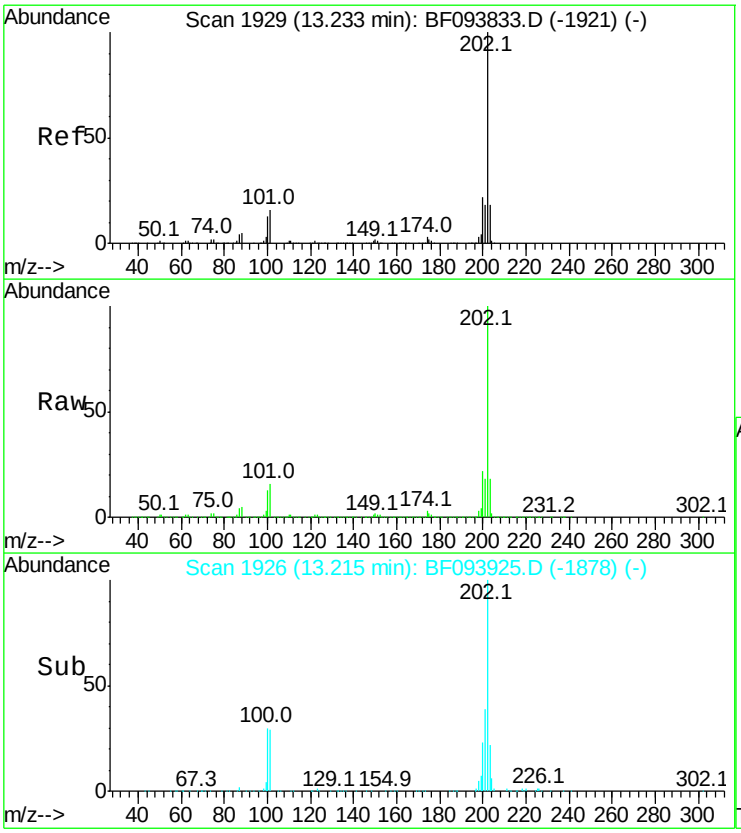
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.69 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:240 Resp: 306530

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.3	20.5	30.7

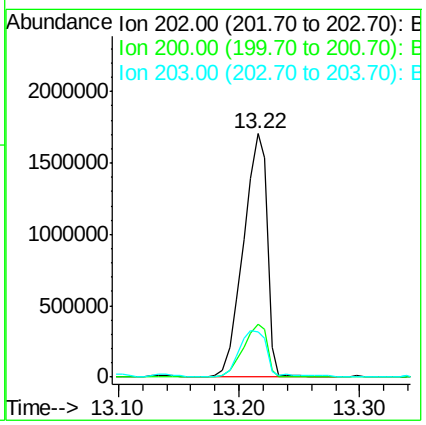


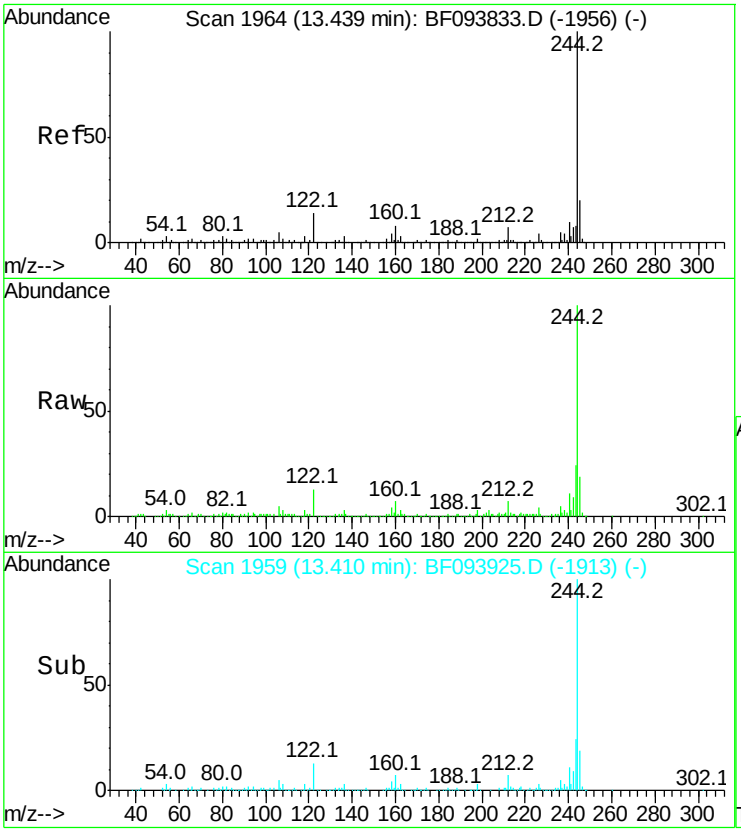


#77
Pyrene
Concen: 105.77 ng
RT: 13.22 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:202 Resp: 2352892

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.5	14.4	21.6



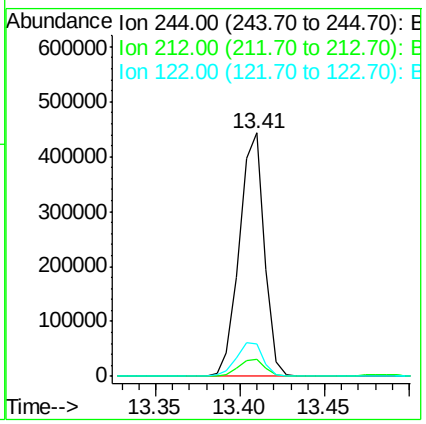


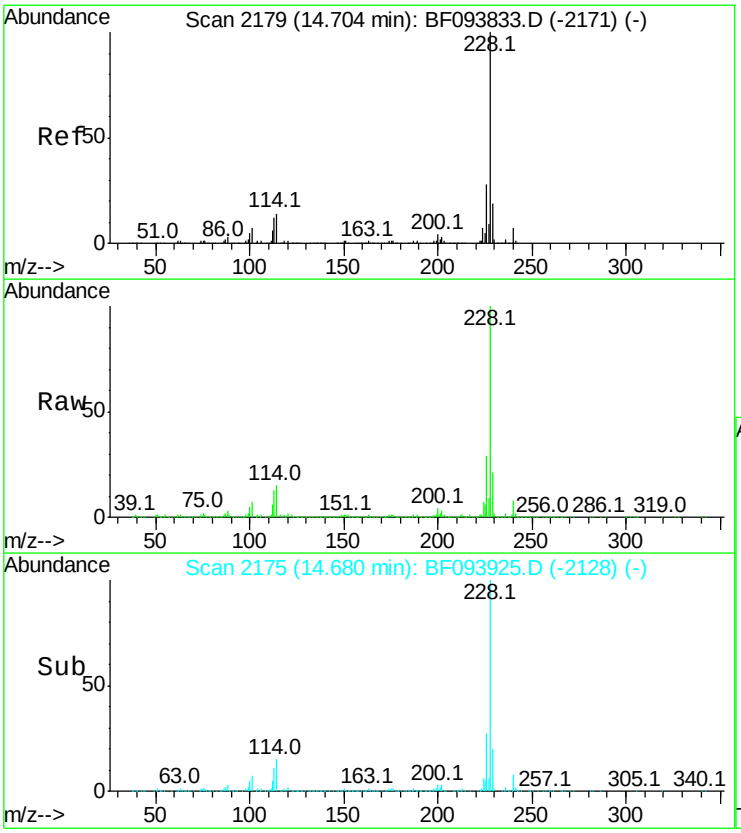
#78
Terphenyl-d14
Concen: 33.52 ng
RT: 13.41 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:244 Resp: 458406

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.4	10.3	15.5

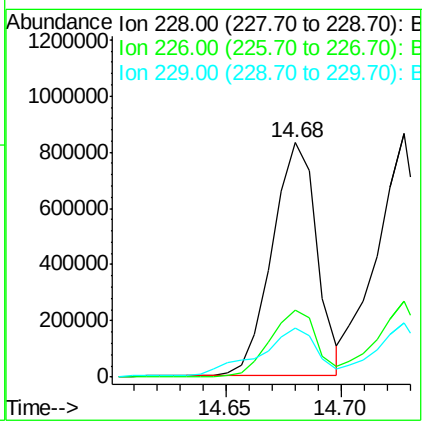


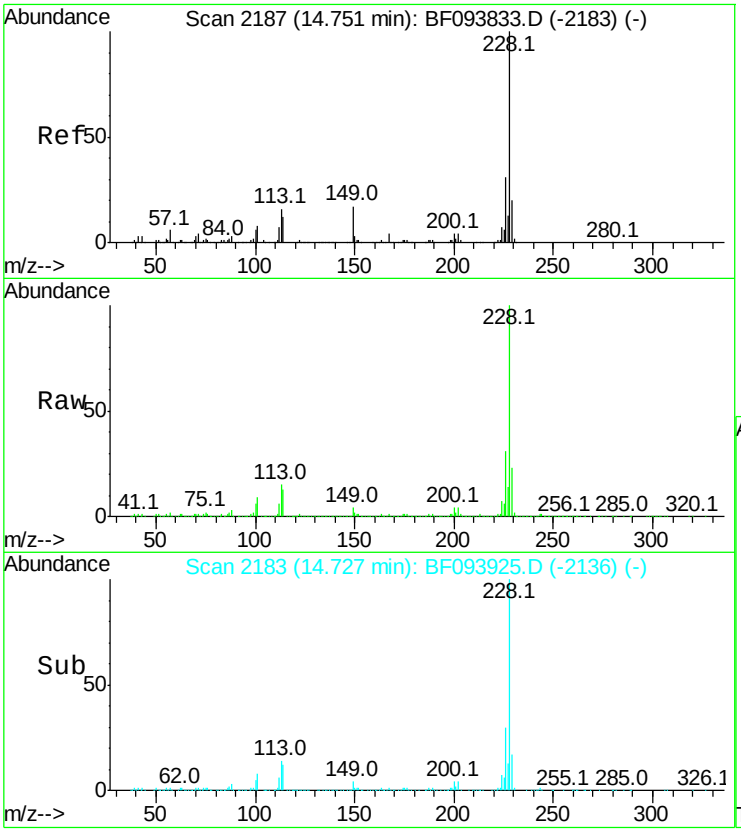


#80
Benzo(a)anthracene
Concen: 62.87 ng
RT: 14.68 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:228 Resp: 1123813

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.8	16.3	24.5



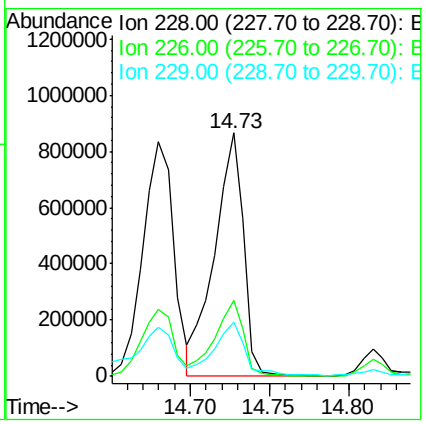


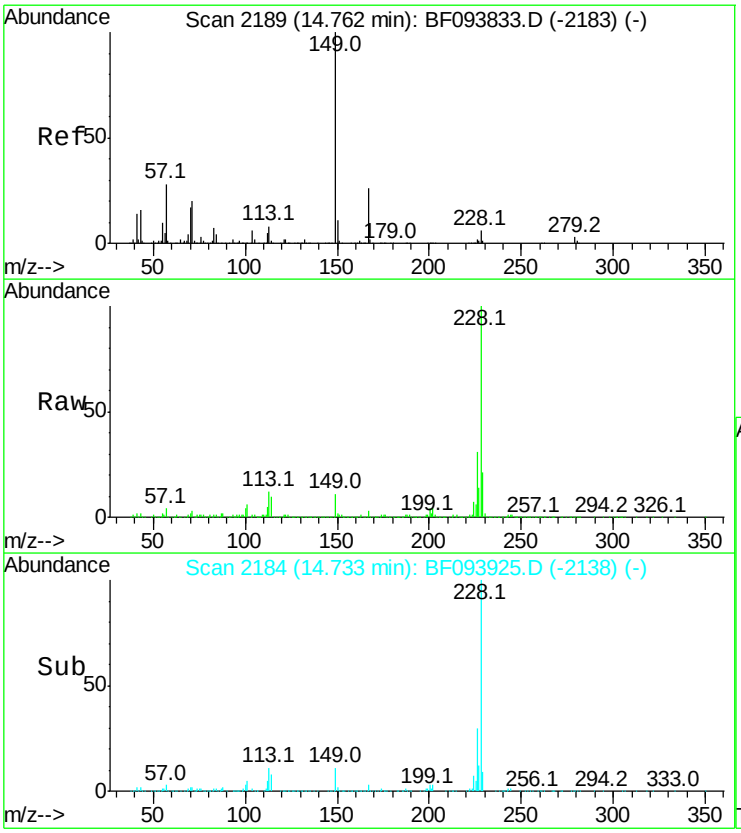
#82
Chrysene
Concen: 65.59 ng
RT: 14.73 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:228 Resp: 1087910

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	22.5	15.8	23.6

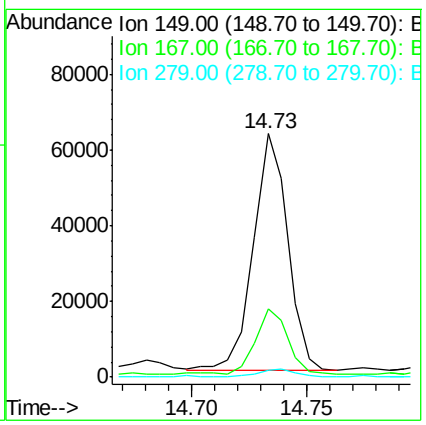


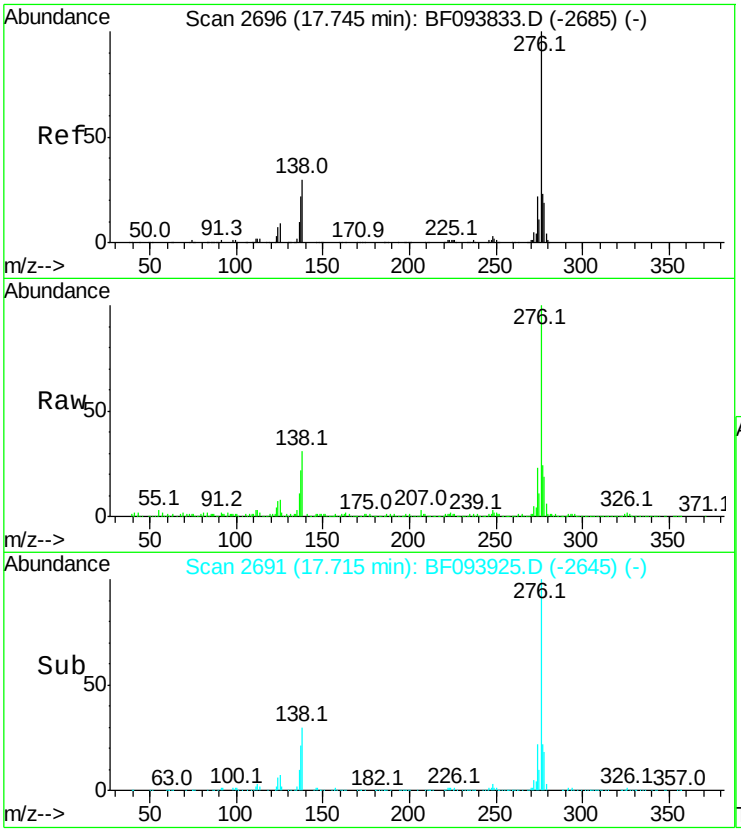


#83
Bis(2-ethylhexyl)phthalate
Concen: 5.04 ng
RT: 14.73 min Scan# 2184
Delta R.T. -0.03 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:149 Resp: 65193

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.0	31.4
279	2.9	1.9	2.9



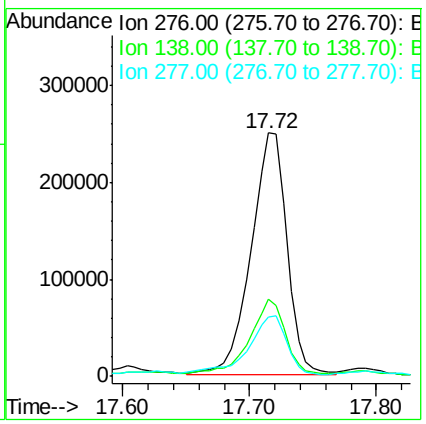


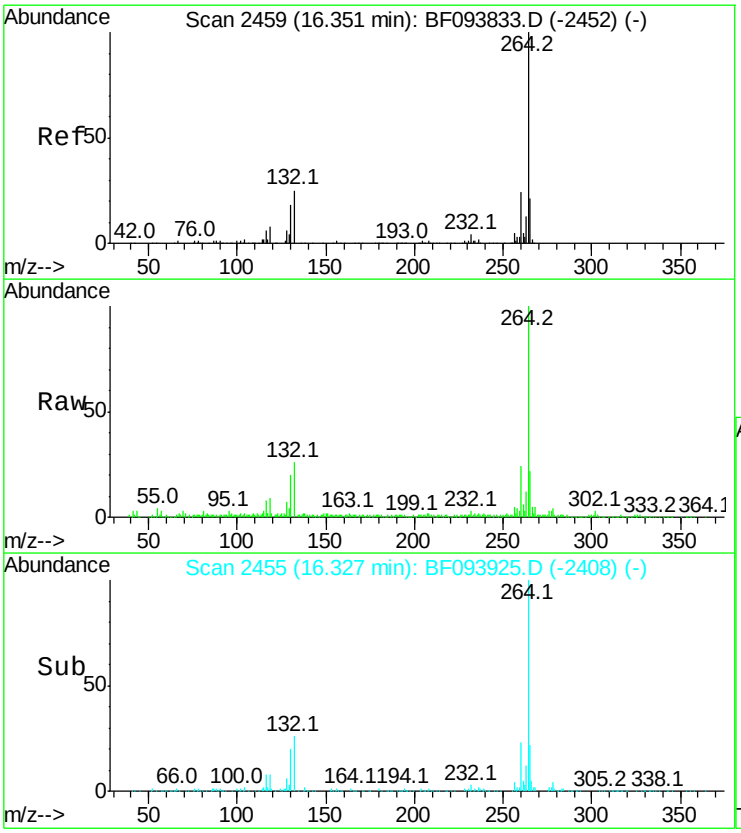
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.34 ng
RT: 17.72 min Scan# 2691
Delta R.T. -0.03 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:276 Resp: 493302

Ion	Ratio	Lower	Upper
276	100		
138	29.8	27.8	41.6
277	26.9	20.2	30.4

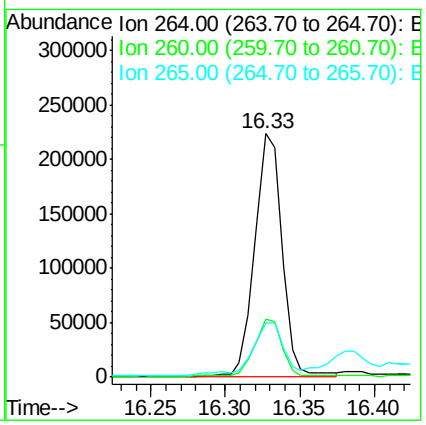


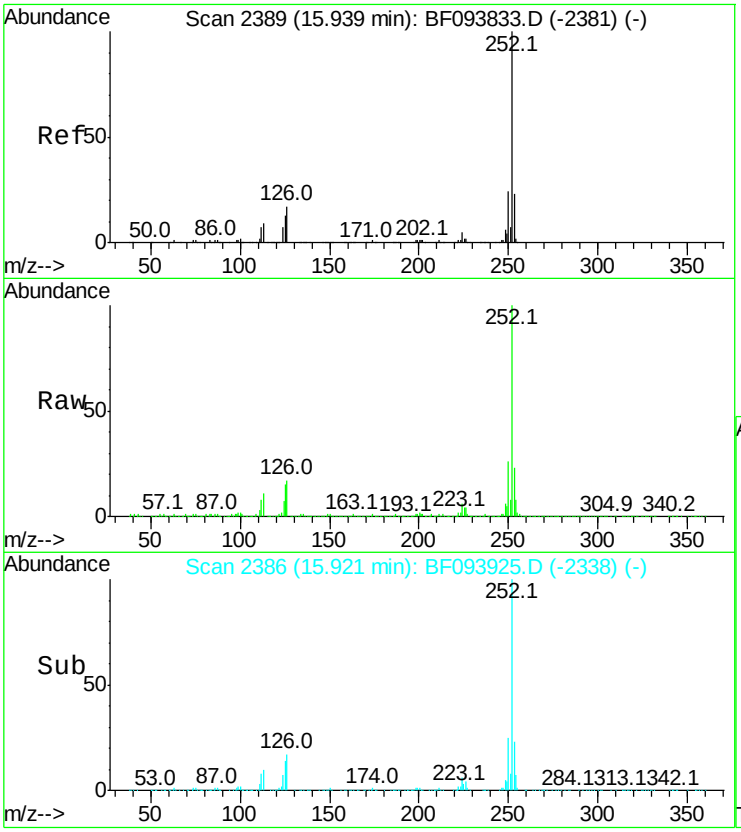


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.33 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:264 Resp: 280914

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.4	17.2	25.8



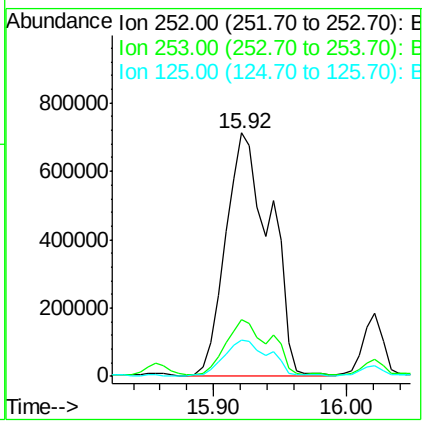


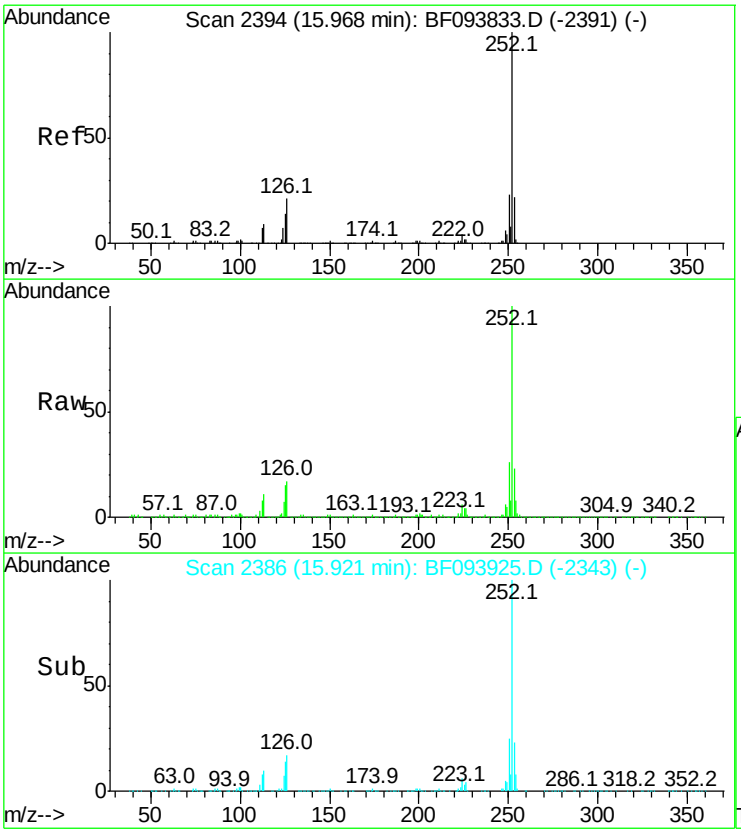
#87
Benzo(b)fluoranthene
Concen: 95.85 ng
RT: 15.92 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:252 Resp: 1650496

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	14.7	9.8	14.8

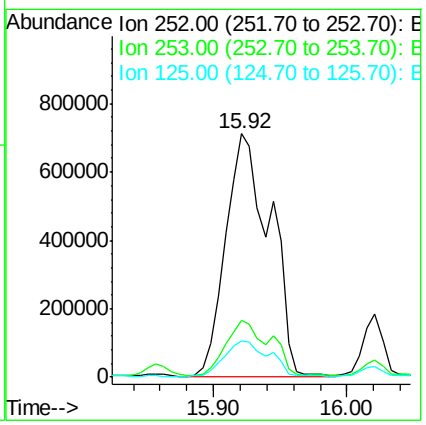


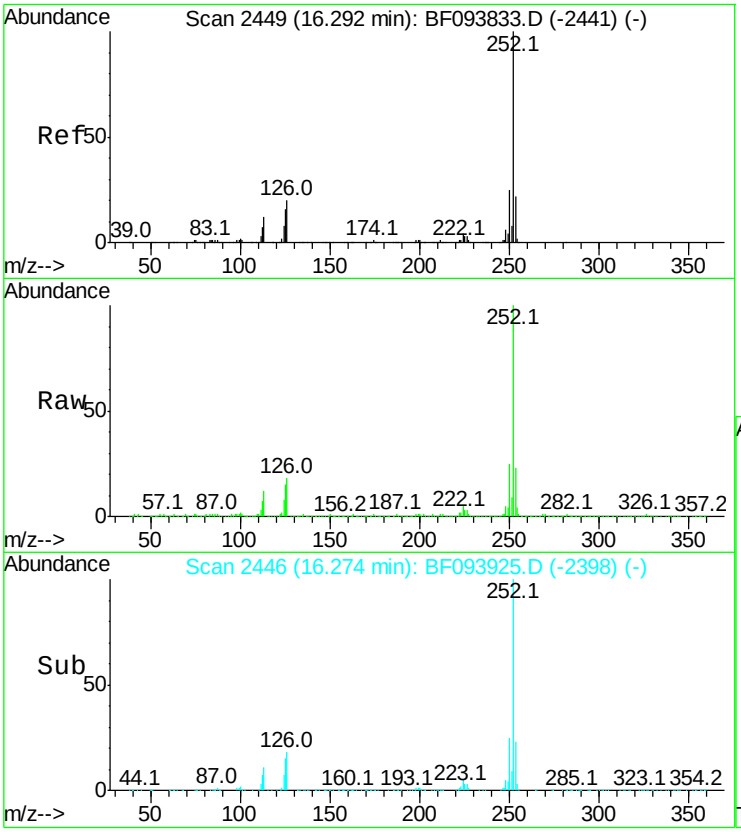


#88
Benzo(k)fluoranthene
Concen: 97.97 ng
RT: 15.92 min Scan# 2386
Delta R.T. -0.05 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:252 Resp: 1650496

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	14.7	13.1	19.7



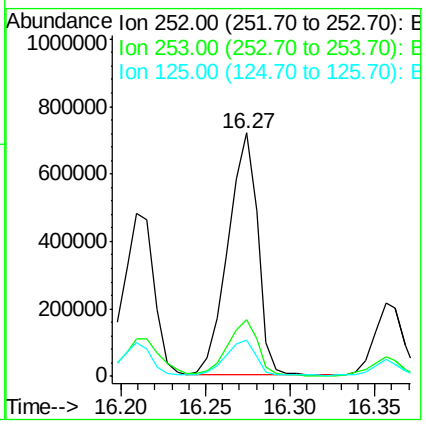


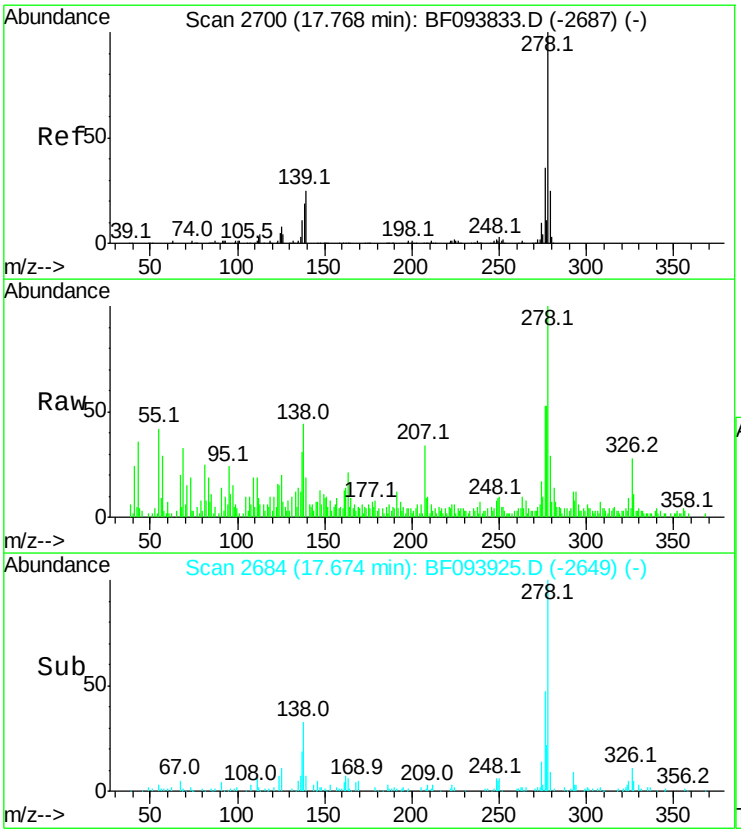
#89
Benzo(a)pyrene
Concen: 55.33 ng
RT: 16.27 min Scan# 2446
Delta R.T. -0.02 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:252 Resp: 877300

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	15.1	11.0	16.4

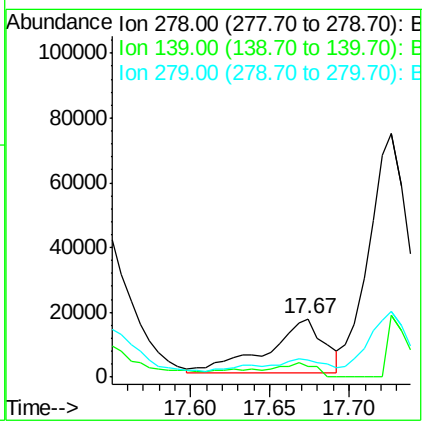


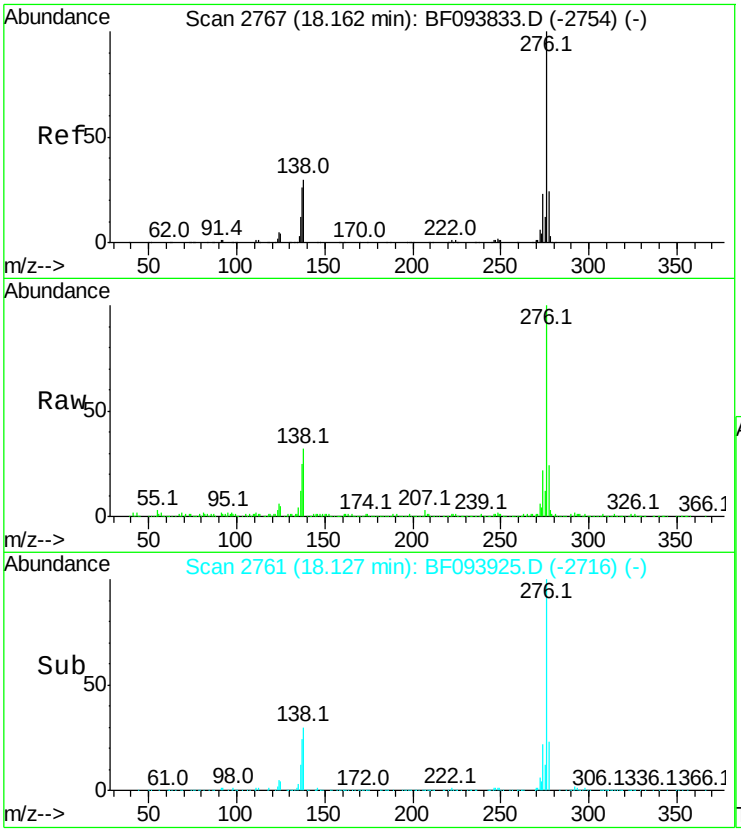


#90
Dibenzo(a,h)anthracene
Concen: 3.05 ng
RT: 17.67 min Scan# 2684
Delta R.T. -0.09 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Tgt Ion:278 Resp: 40924

Ion	Ratio	Lower	Upper
278	100		
139	18.6	16.6	24.8
279	28.7	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 33.91 ng
RT: 18.13 min Scan# 2761
Delta R.T. -0.04 min
Lab File: BF093925.D
Acq: 24 Mar 2017 23:52

Instrument :
BNA_F
ClientSampleId :
E2-DD10-BASE

Tgt Ion:276 Resp: 458953

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	31.9	25.4	38.0