Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
Data File : BF095865.D
Acq On : 11 Jun 2017 00:29
Operator : SJ/MA
Sample : I3594-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 12 03:54:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	61196	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	250352	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	104815	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	162679	20.00	ng		-0.02
75) Chrysene-d12	18.35	240	124131	20.00	ng		0.00
86) Perylene-d12	20.02	264	101211	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	210138	54.72	ng		-0.02
7) Phenol-d6	6.93	99	264727	57.58	ng		-0.02
23) Nitrobenzene-d5	8.28	82	144510	35.85	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	42219	45.53	ng		-0.03
44) 2-Fluorobiphenyl	11.18	172	298209	39.59	ng		-0.04
78) Terphenyl-d14	16.99	244	207389	41.46	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.28	70	18008	6.18	ng	#	79
31) Naphthalene	9.44	128	918859	73.13	ng		99
32) Benzoic acid	9.44	122	1968	5.92	ng	#	1
33) 4-Chloroaniline	9.44	127	122904	25.03	ng	#	34
37) 2-Methylnaphthalene	10.56	142	443148	52.20	ng		99
45) 1,1'-Biphenyl	11.33	154	58464	6.77	ng		98
48) Acenaphthylene	11.99	152	194991	16.89	ng		98
49) Dimethylphthalate	11.87	163	33262	4.18	ng		96
51) Acenaphthene	12.27	154	233513	35.03	ng		99
54) Dibenzofuran	12.56	168	156818	16.71	ng		98
55) 4-Nitrophenol	12.66	139	2461	6.59	ng	#	63
57) Fluorene	13.12	166	322835	39.54	ng		99
70) Phenanthrene	14.67	178	1680729	179.06	ng		99
71) Anthracene	14.75	178	536262	54.72	ng		99
72) Carbazole	15.04	167	187753	19.66	ng		97
74) Fluoranthene	16.46	202	1698019	182.77	ng		99
77) Pyrene	16.76	202	1511822	163.23	ng		99
80) Benzo(a)anthracene	18.34	228	773359	107.16	ng		99
82) Chrysene	18.39	228	643502	89.22	ng		97
85) Indeno(1,2,3-cd)pyrene	21.20	276	300248	48.65	ng		95
87) Benzo(b)fluoranthene	19.62	252	1008214	159.09	ng	#	96
88) Benzo(k)fluoranthene	19.62	252	1008214	166.44	ng		98
89) Benzo(a)pyrene	19.97	252	552716	94.89	ng		98
90) Dibenzo(a,h)anthracene	21.04	278	54656	11.06	ng		91
91) Benzo(g,h,i)perylene	21.53	276	278398	55.27	ng		97

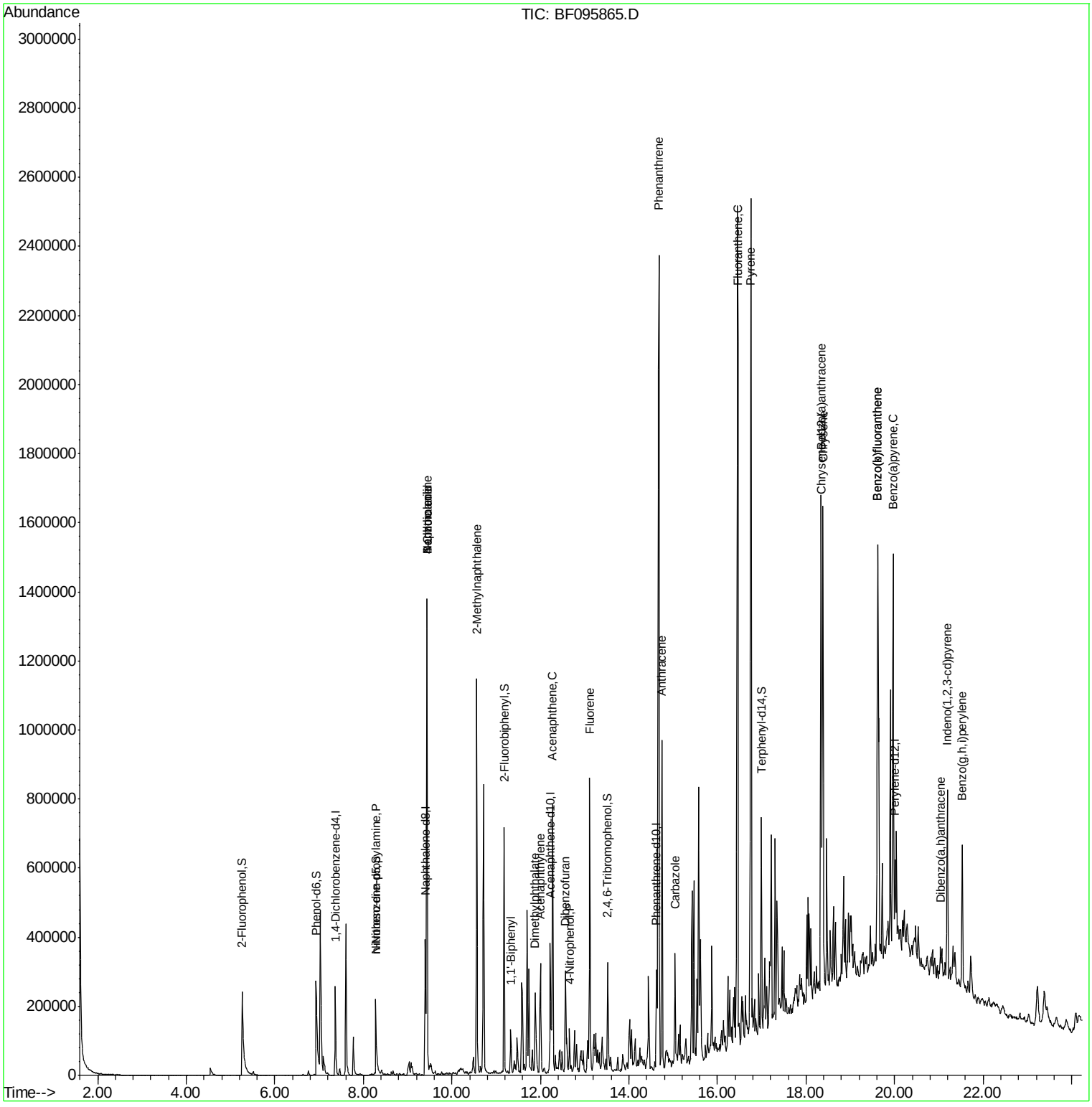
(#) = qualifier out of range (m) = manual integration (+) = signals summed

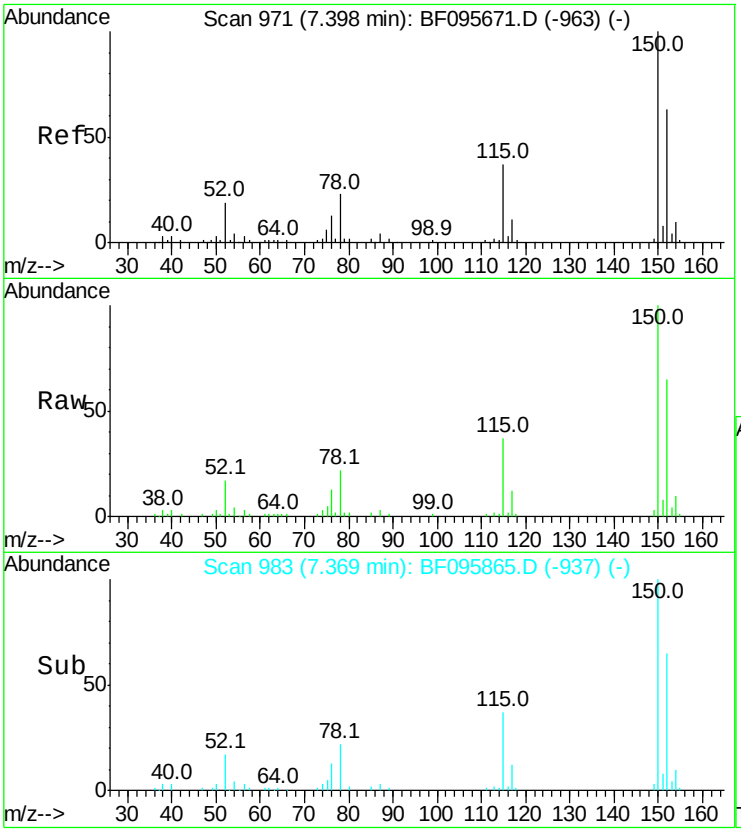
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
Data File : BF095865.D
Acq On : 11 Jun 2017 00:29
Operator : SJ/MA
Sample : I3594-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 12 03:54:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration



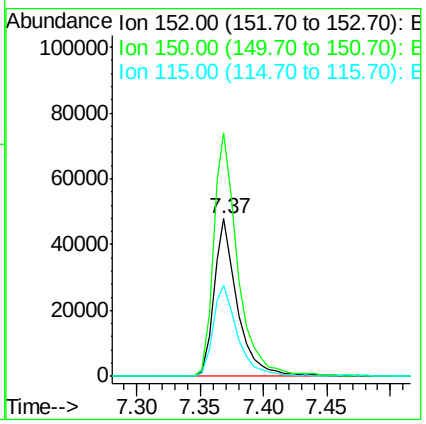


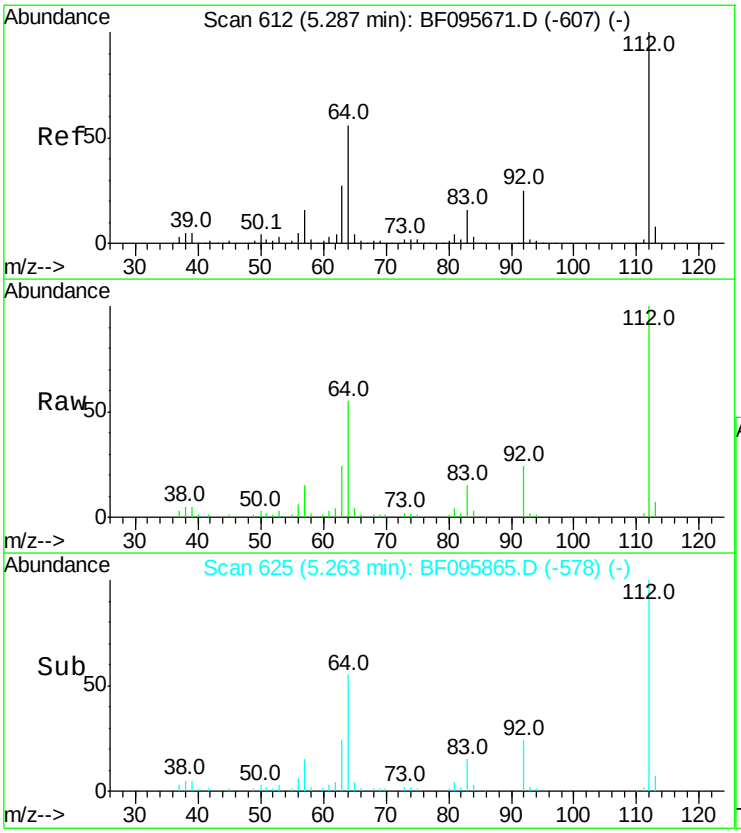
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 61196

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	57.9	52.2	78.2

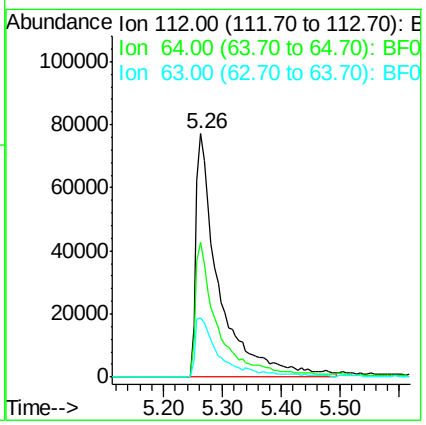


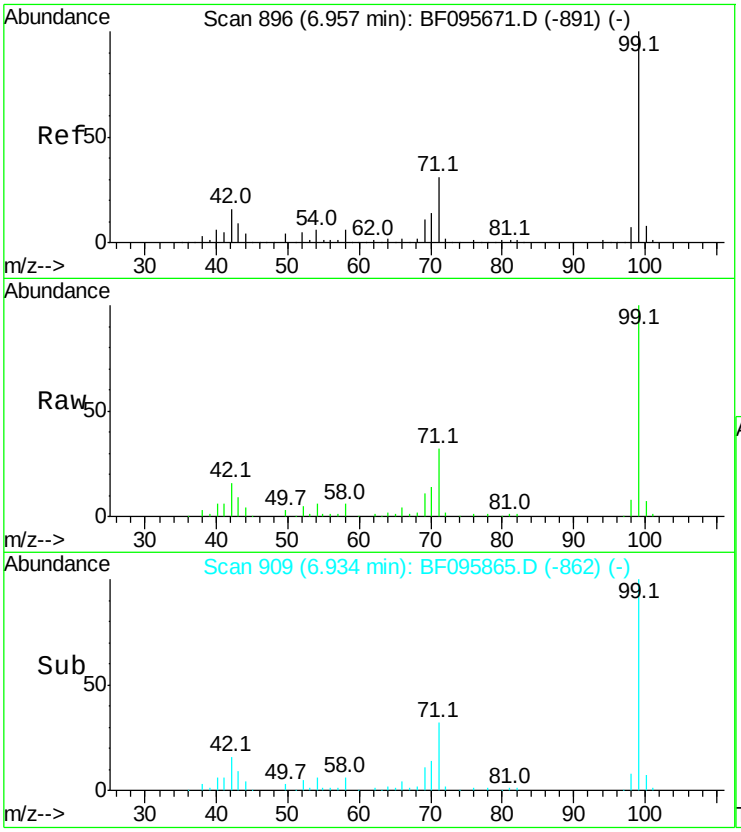


#5
2-Fluorophenol
Concen: 54.72 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:112 Resp: 210138

Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.0	69.0
63	24.2	23.4	35.0



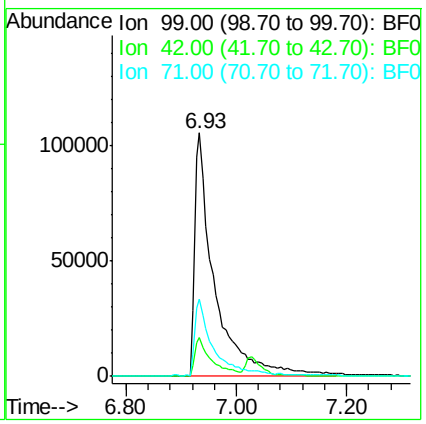


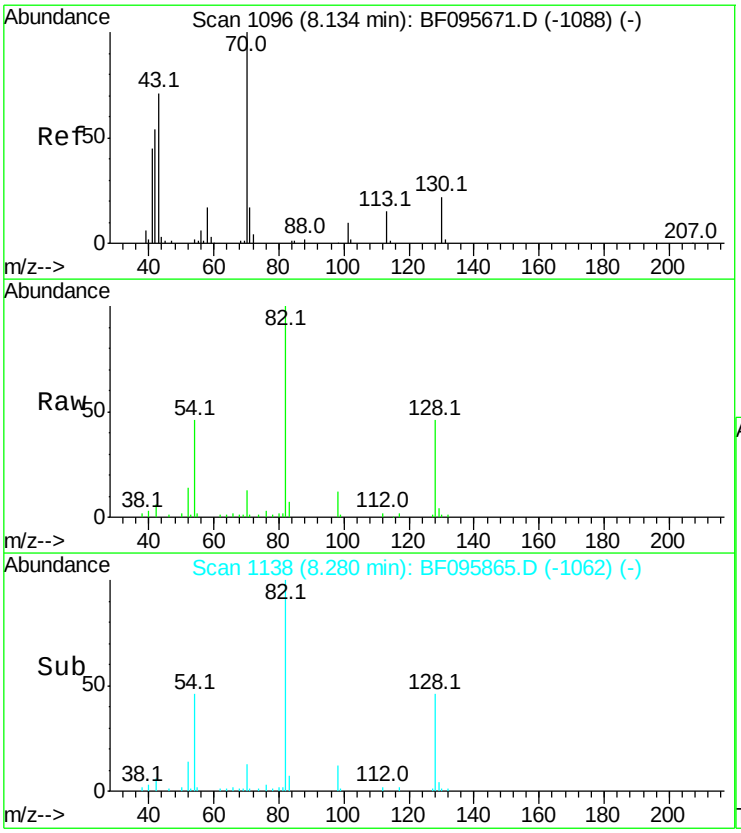
#7
Phenol-d6
Concen: 57.58 ng
RT: 6.93 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 264727

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.8	24.5	36.7

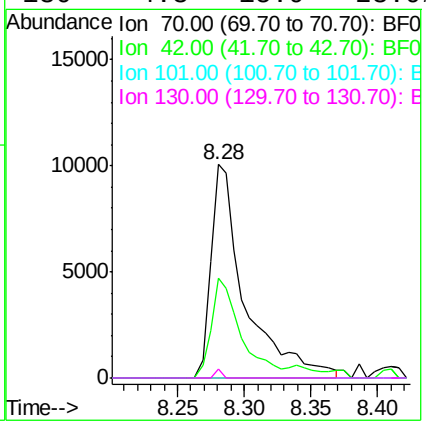


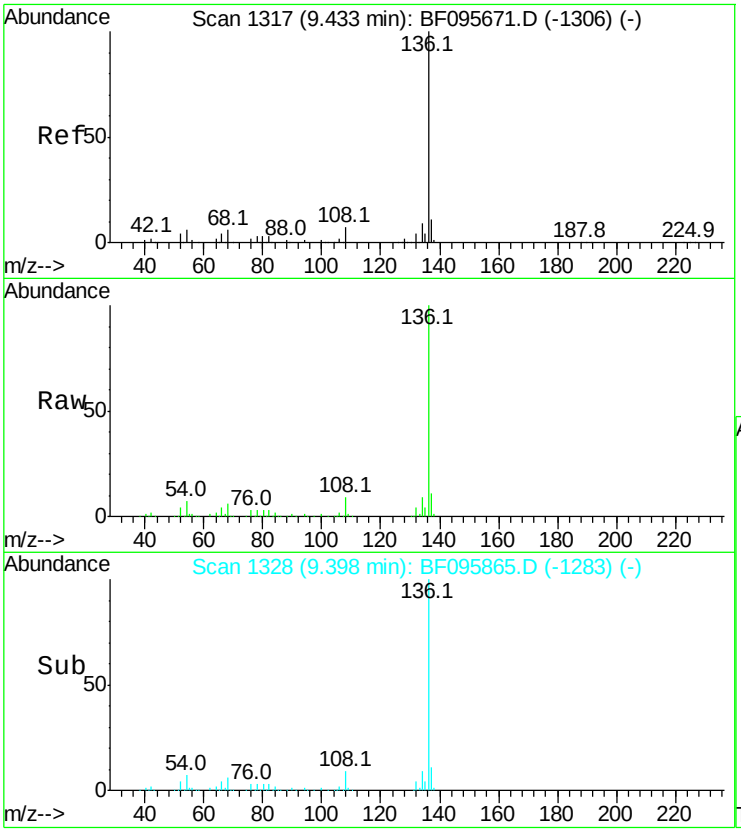


#19
n-Nitroso-di-n-propylamine
Concen: 6.18 ng
RT: 8.28 min Scan# 1138
Delta R.T. 0.15 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion: 70 Resp: 18008

Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.2	70.8#
101	0.0	7.2	10.8#
130	4.3	15.9	23.9#



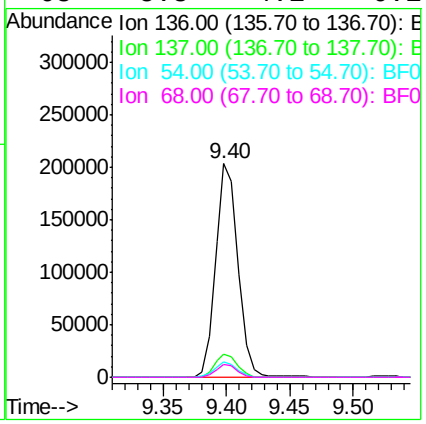


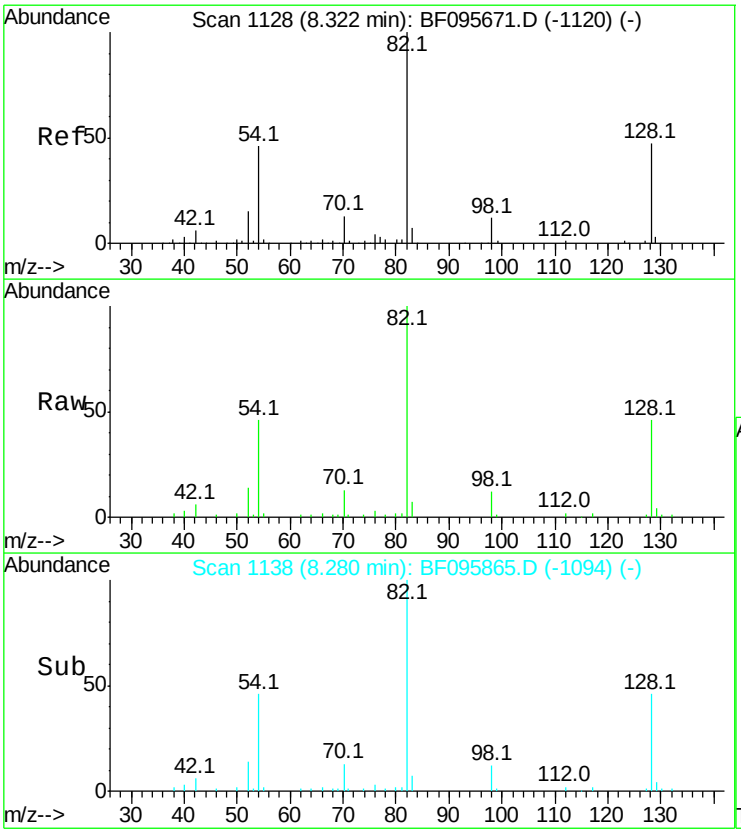
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 250352

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.0	4.9	7.3
68	5.8	4.1	6.1

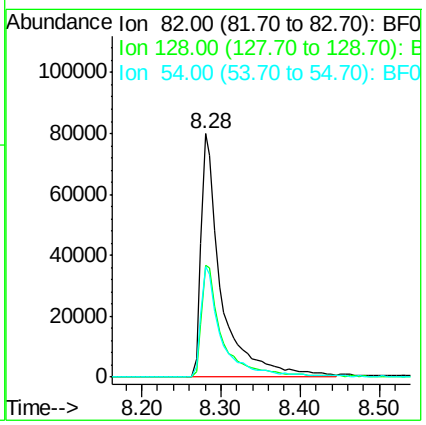


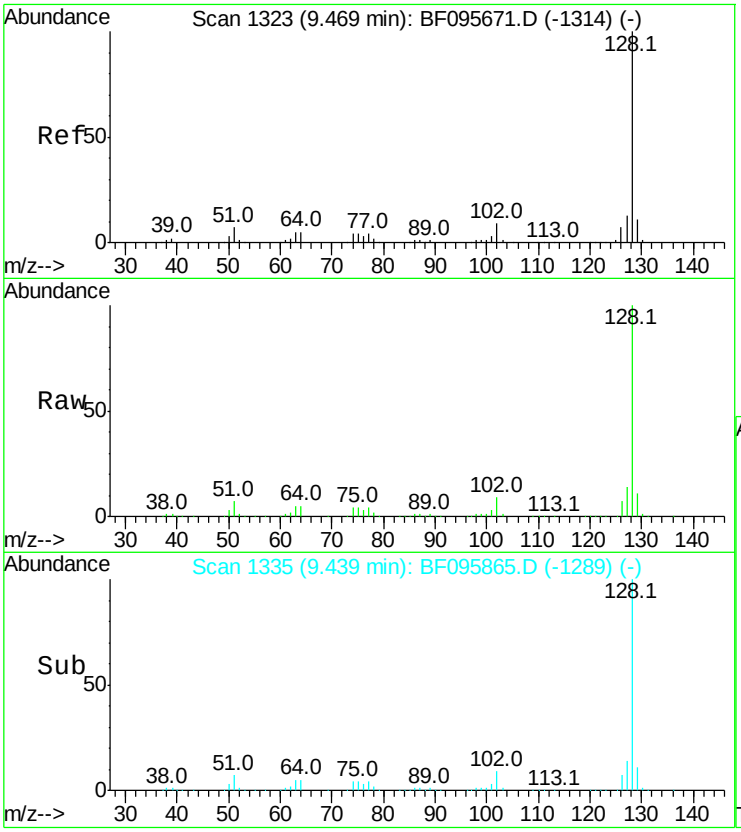


#23
Nitrobenzene-d5
Concen: 35.85 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion: 82 Resp: 144510

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	45.5	42.2	63.2



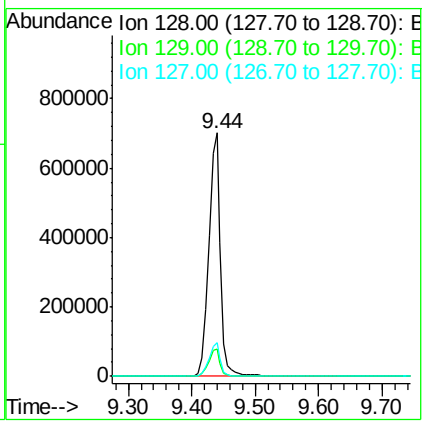


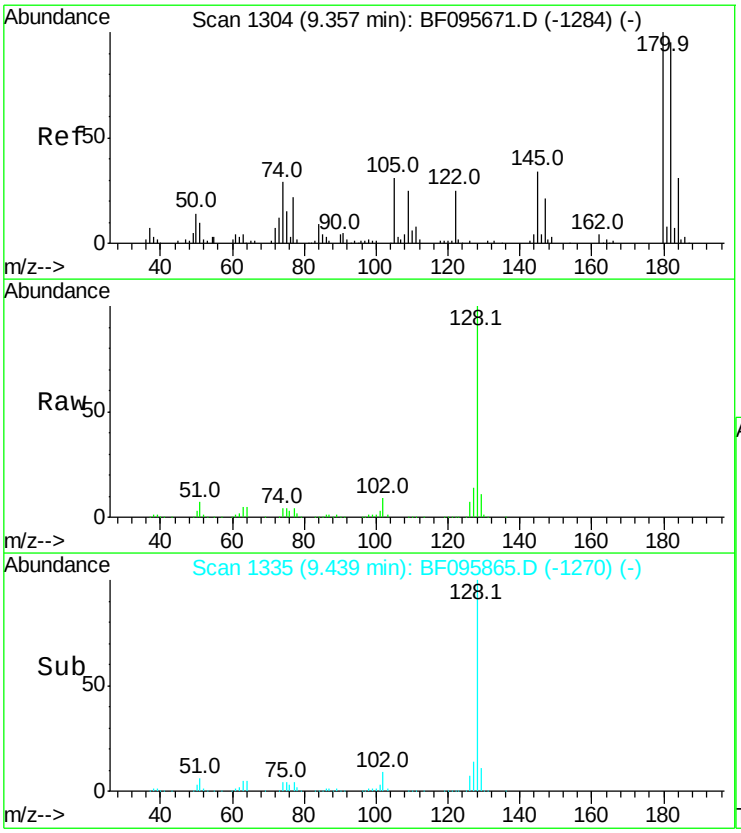
#31
Naphthalene
Concen: 73.13 ng
RT: 9.44 min Scan# 1335
Delta R.T. -0.03 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 918859

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.8	10.8	16.2

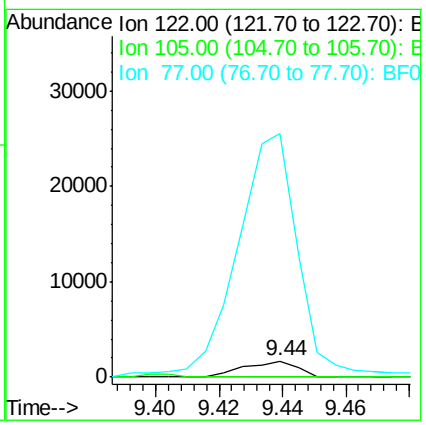


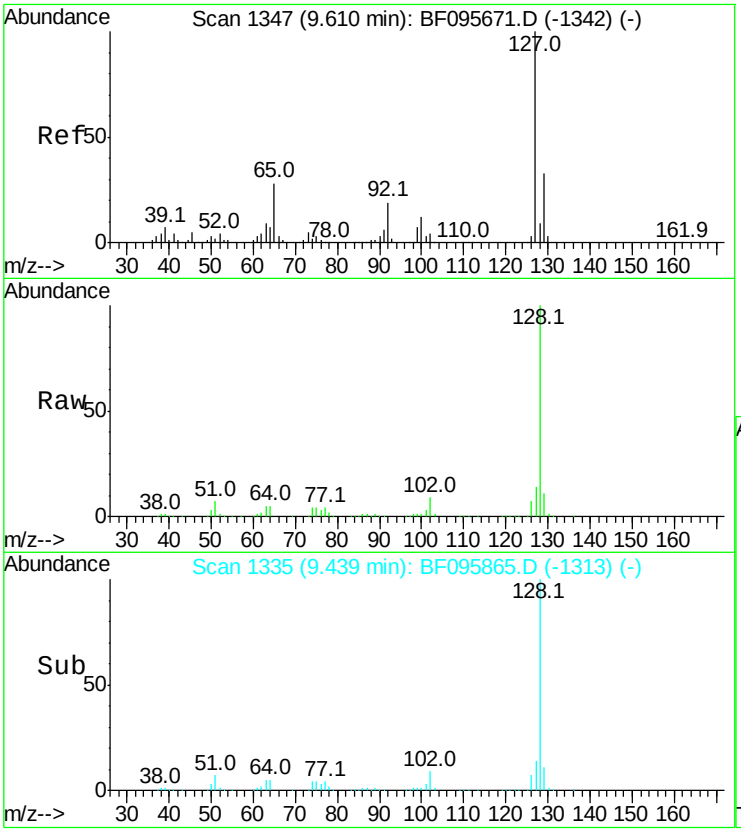


#32
Benzoic acid
Concen: 5.92 ng
RT: 9.44 min Scan# 1335
Delta R.T. 0.08 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:122 Resp: 1968

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	1495.1	73.7	113.7#



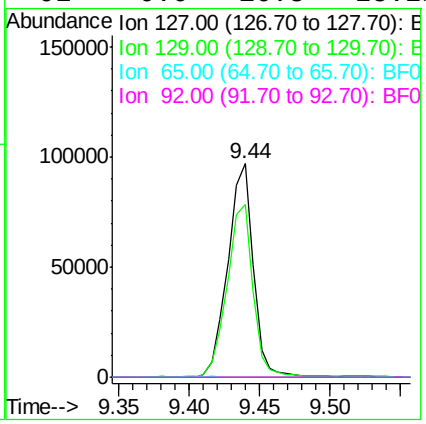


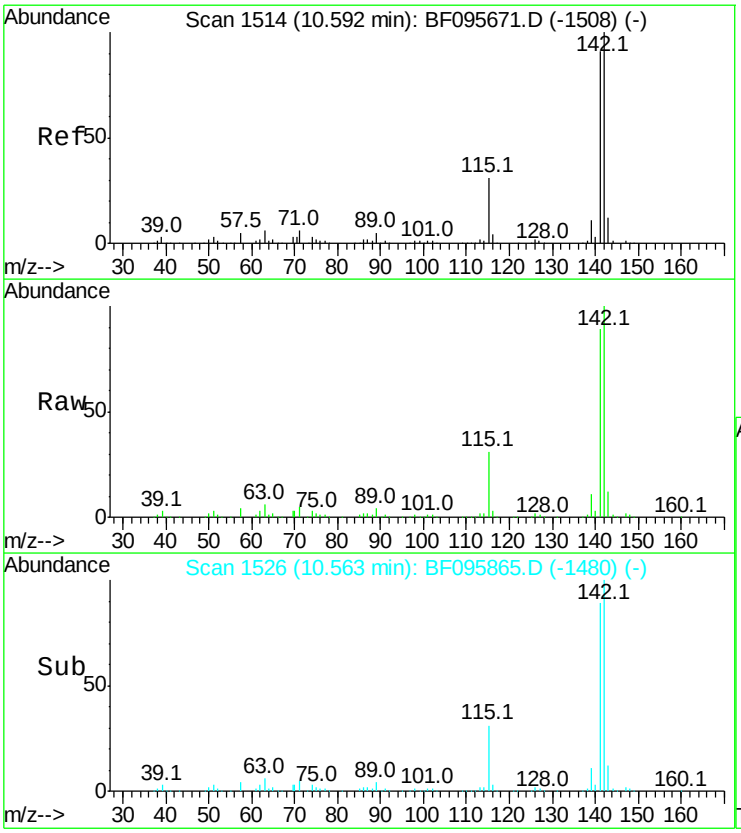
#33
4-Chloroaniline
Concen: 25.03 ng
RT: 9.44 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 122904

Ion	Ratio	Lower	Upper
127	100		
129	80.7	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

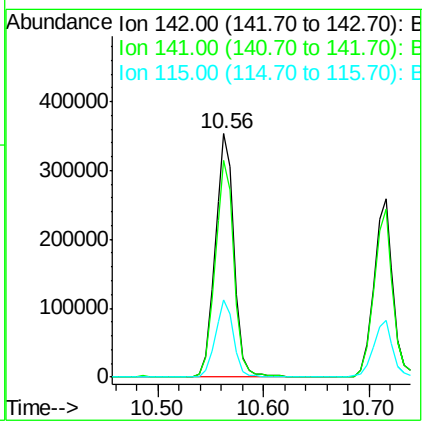


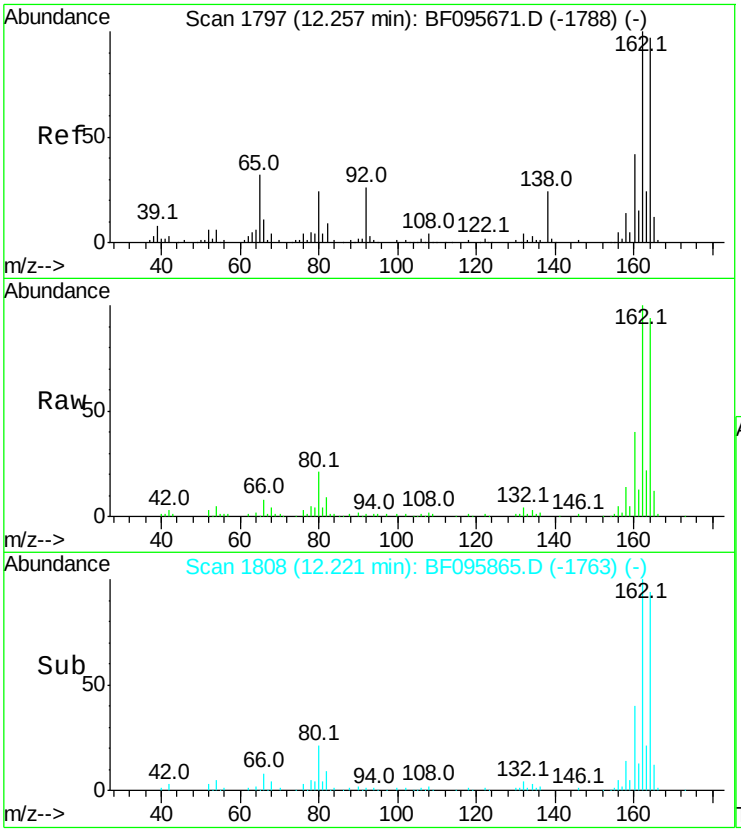


#37
2-Methylnaphthalene
Concen: 52.20 ng
RT: 10.56 min Scan# 1526
Delta R.T. -0.03 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:142 Resp: 443148

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	31.5	27.1	40.7



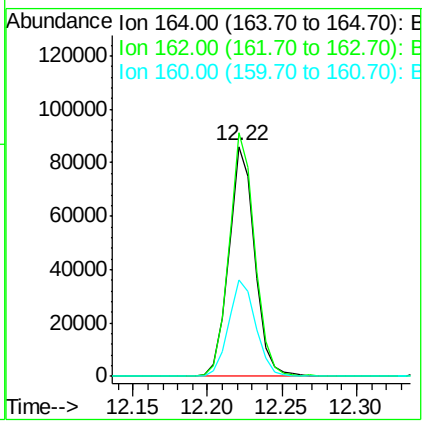


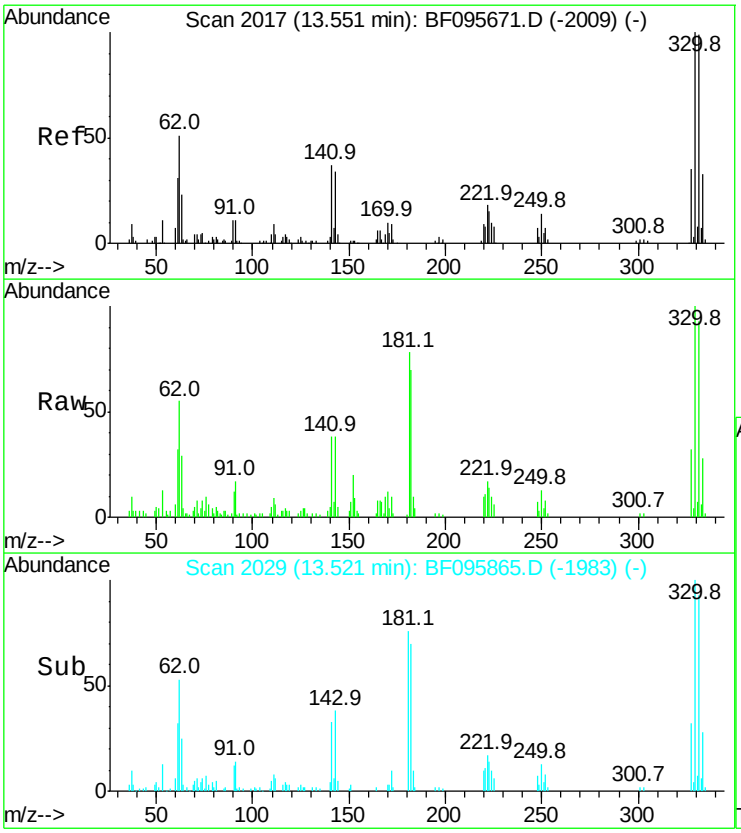
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 104815

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	42.0	36.2	54.2

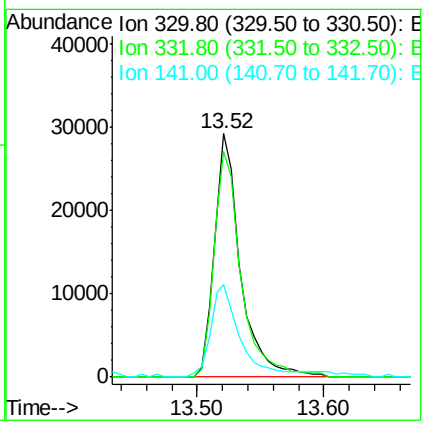


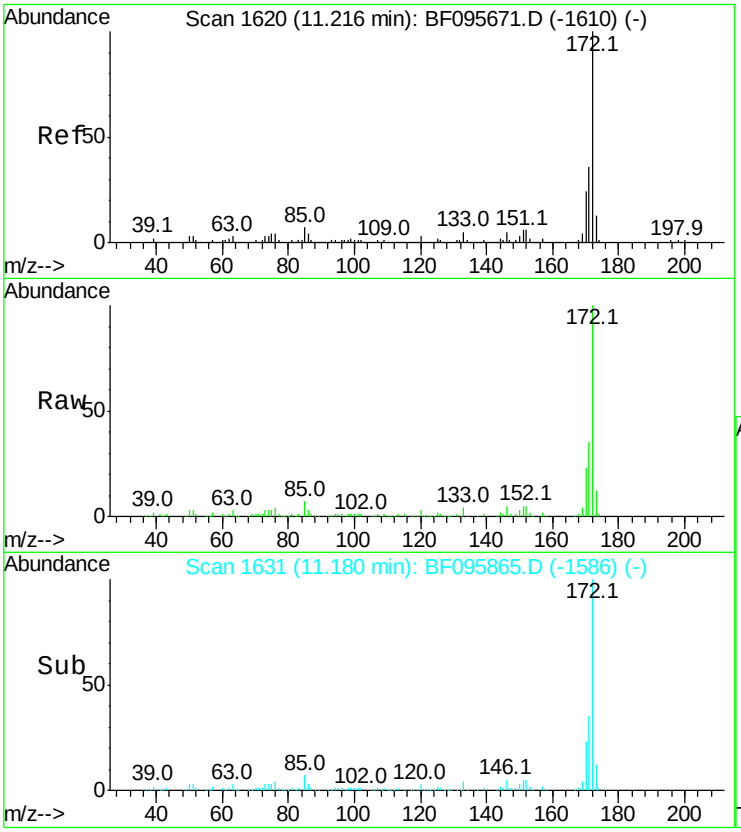


#41
2,4,6-Tribromophenol
Concen: 45.53 ng
RT: 13.52 min Scan# 2029
Delta R.T. -0.03 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:330 Resp: 42219

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	42.3	31.4	47.2



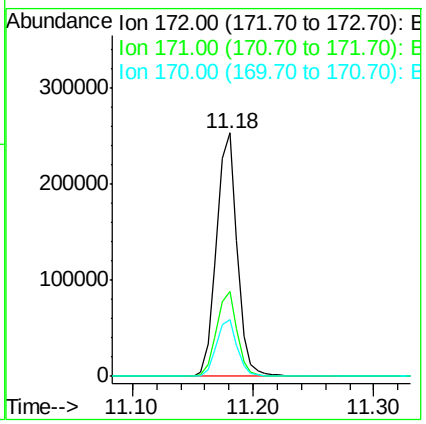


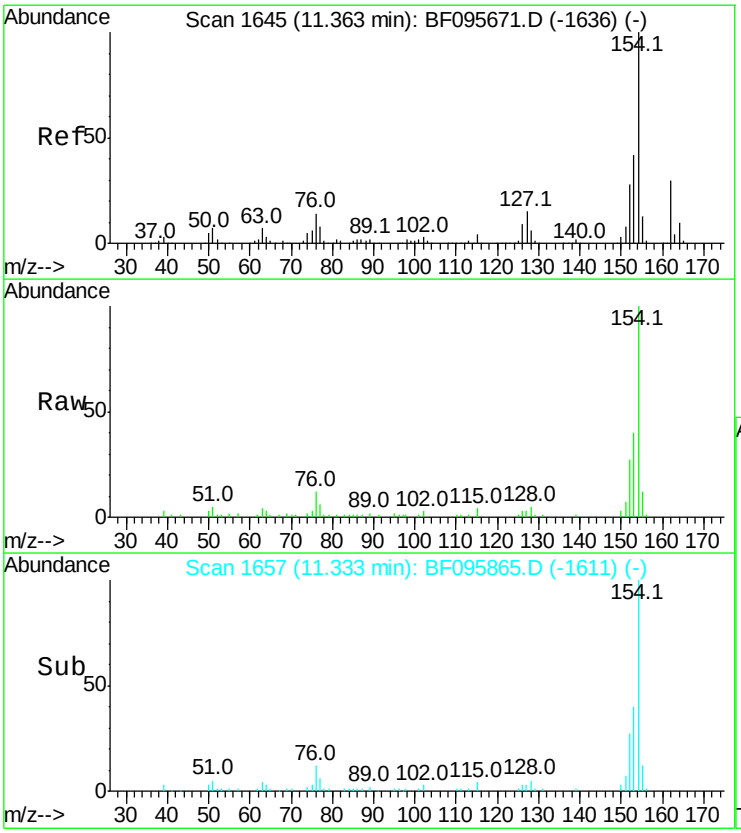
#44
2-Fluorobiphenyl
Concen: 39.59 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 298209

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.2	19.8	29.8

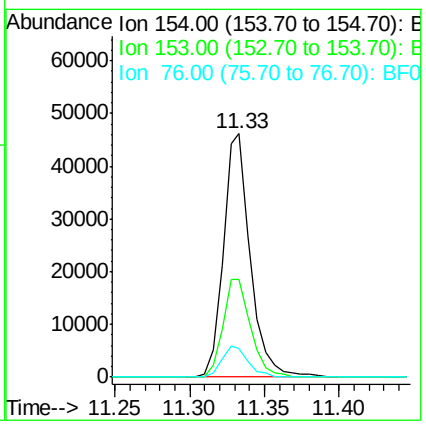


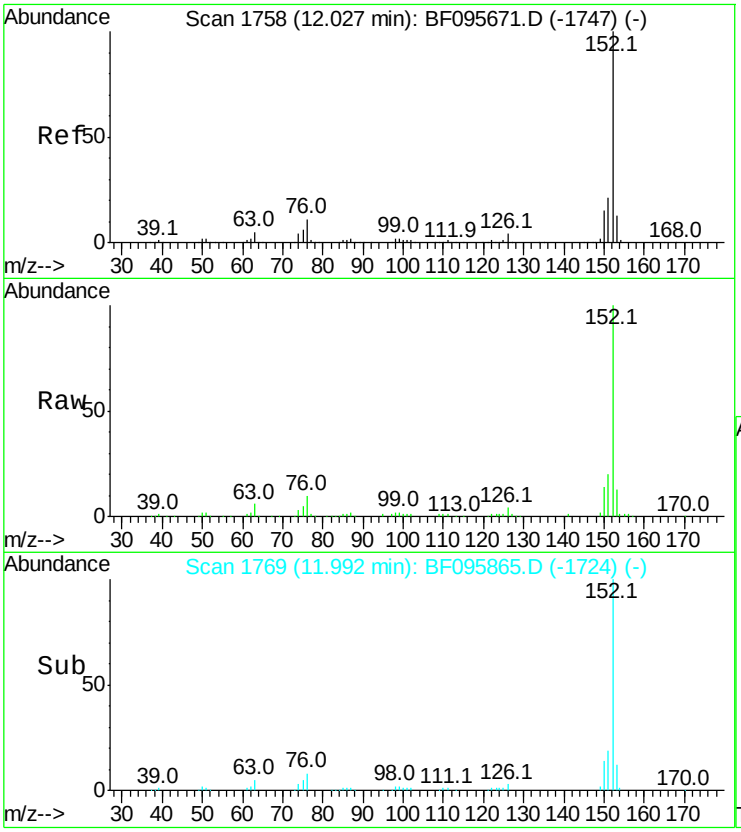


#45
1,1'-Biphenyl
Concen: 6.77 ng
RT: 11.33 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:154 Resp: 58464

Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.2	61.2
76	11.7	0.0	29.9



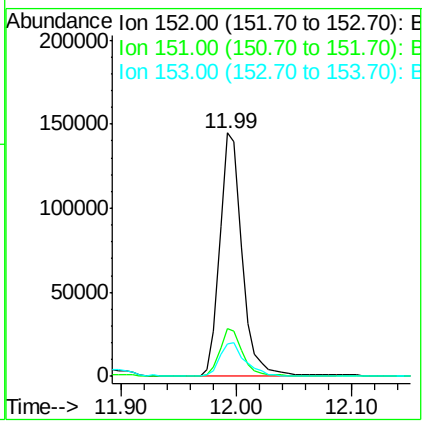


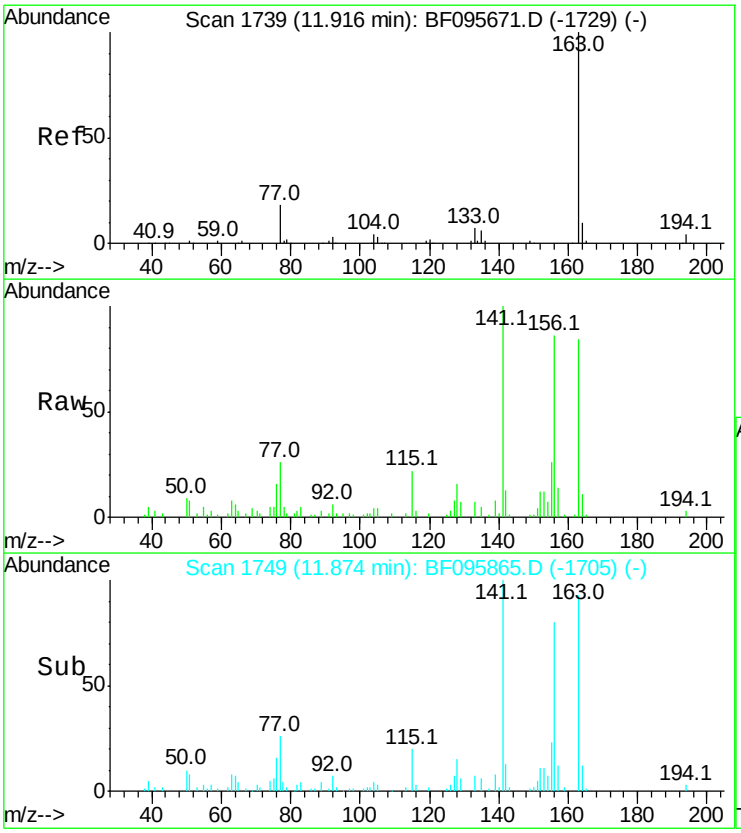
#48
Acenaphthylene
Concen: 16.89 ng
RT: 11.99 min Scan# 1769
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 194991

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	13.3	10.8	16.2

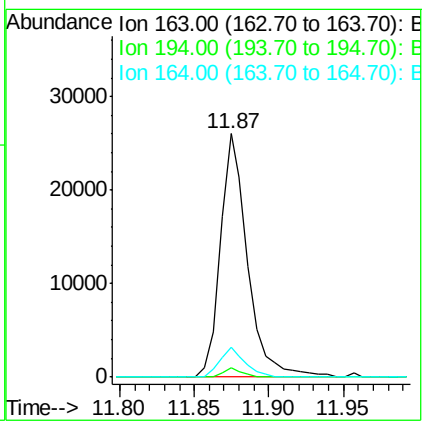


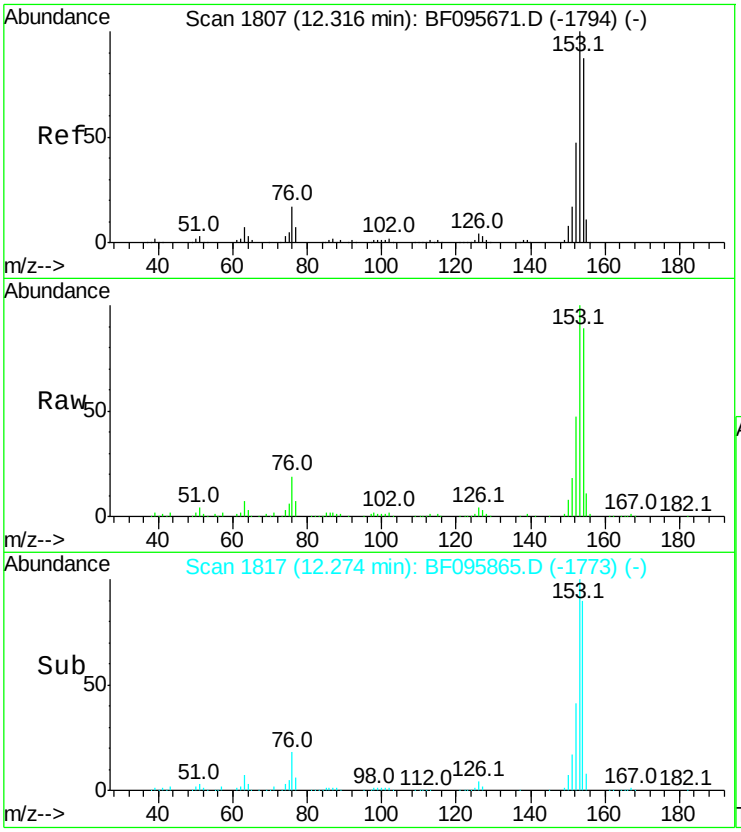


#49
Dimethylphthalate
Concen: 4.18 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:163 Resp: 33262

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	12.5	8.4	12.6



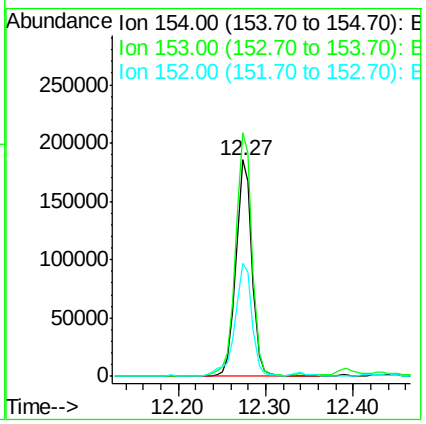


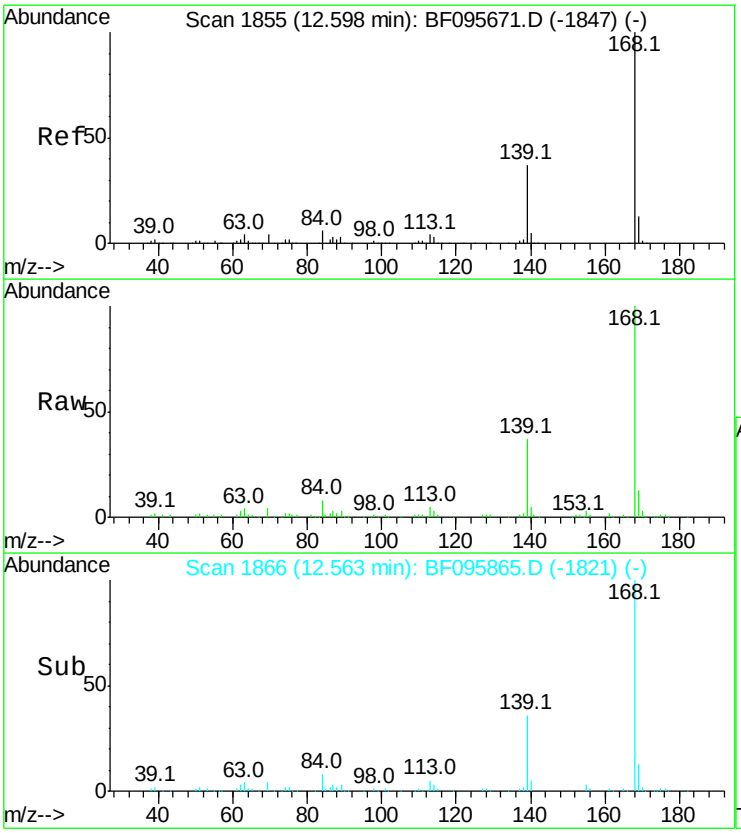
#51
Acenaphthene
Concen: 35.03 ng
RT: 12.27 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 233513

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.5	135.7
152	52.5	43.6	65.4

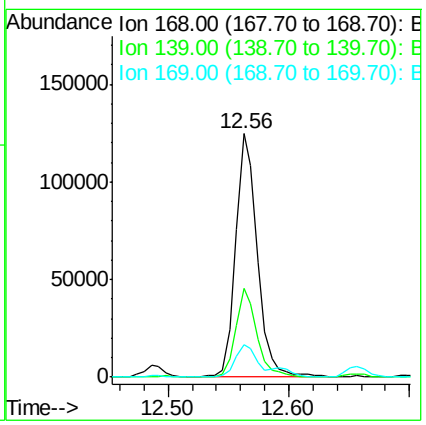


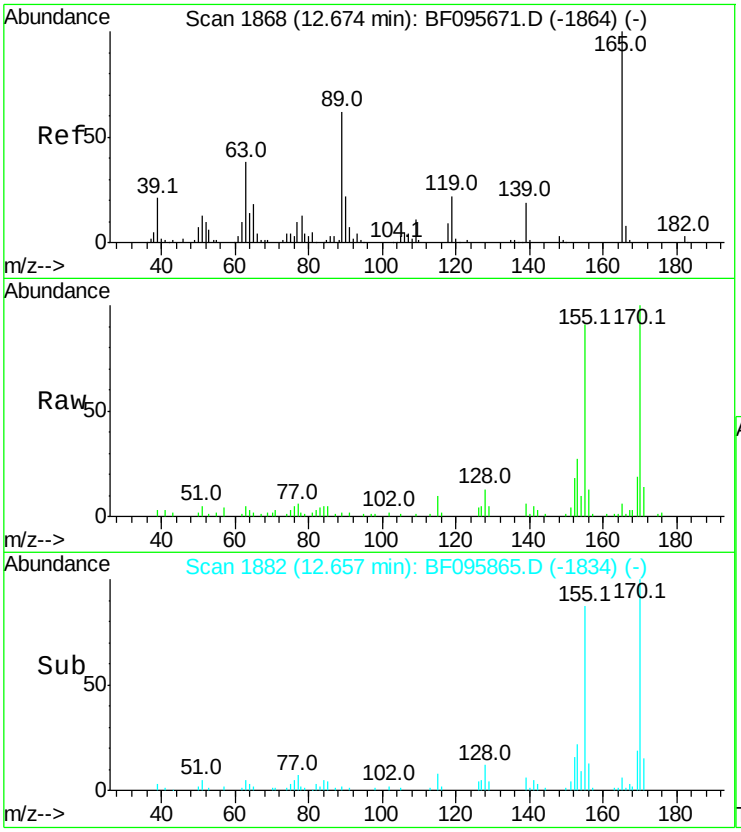


#54
Dibenzofuran
Concen: 16.71 ng
RT: 12.56 min Scan# 1866
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:168 Resp: 156818

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.6	45.8
169	13.5	10.8	16.2



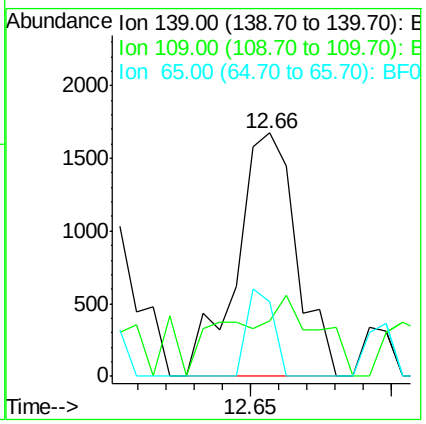


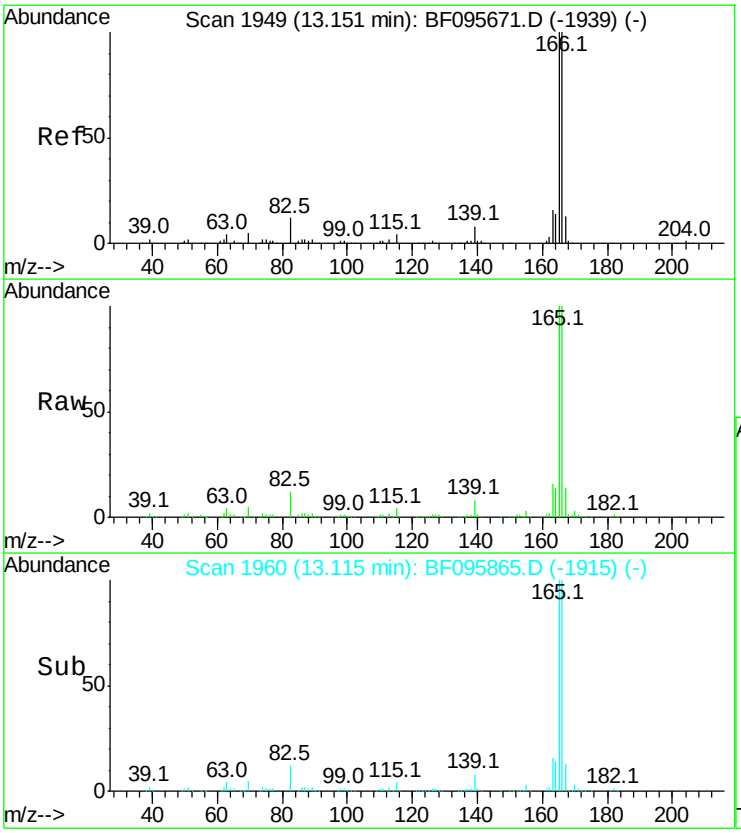
#55
4-Nitrophenol
Concen: 6.59 ng
RT: 12.66 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 2461

Ion	Ratio	Lower	Upper
139	100		
109	23.0	34.1	74.1#
65	30.7	31.4	71.4#

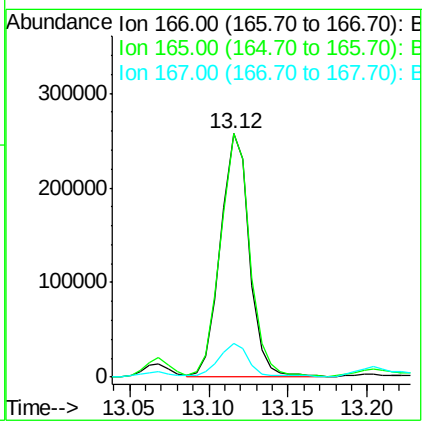


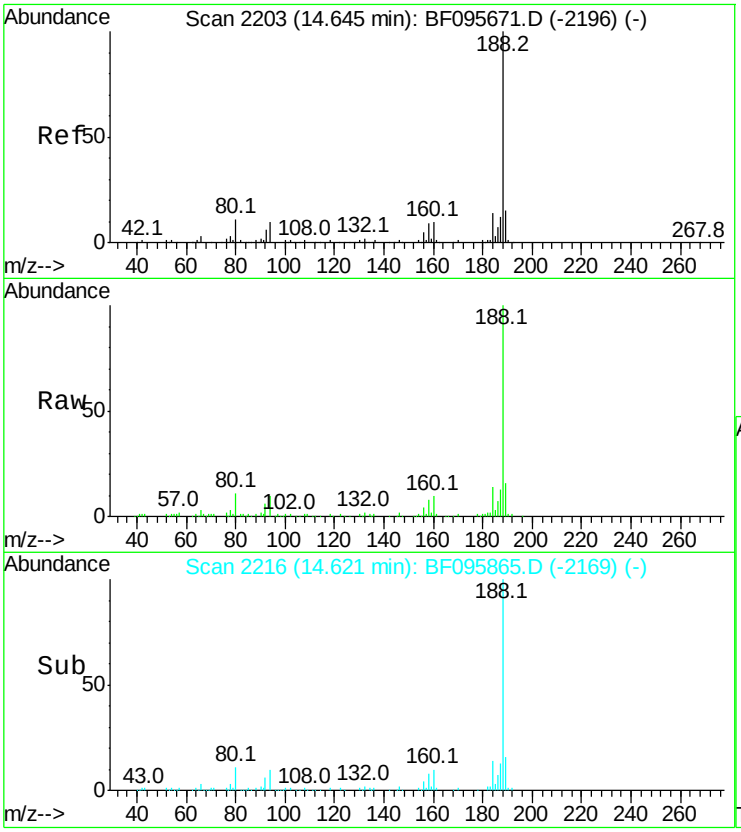


#57
Fluorene
Concen: 39.54 ng
RT: 13.12 min Scan# 1960
Delta R.T. -0.04 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:166 Resp: 322835

Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.8	118.2
167	13.7	10.6	16.0



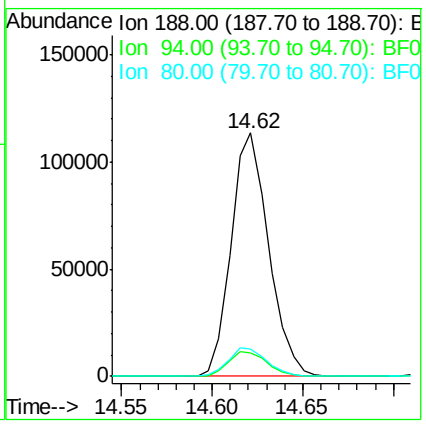


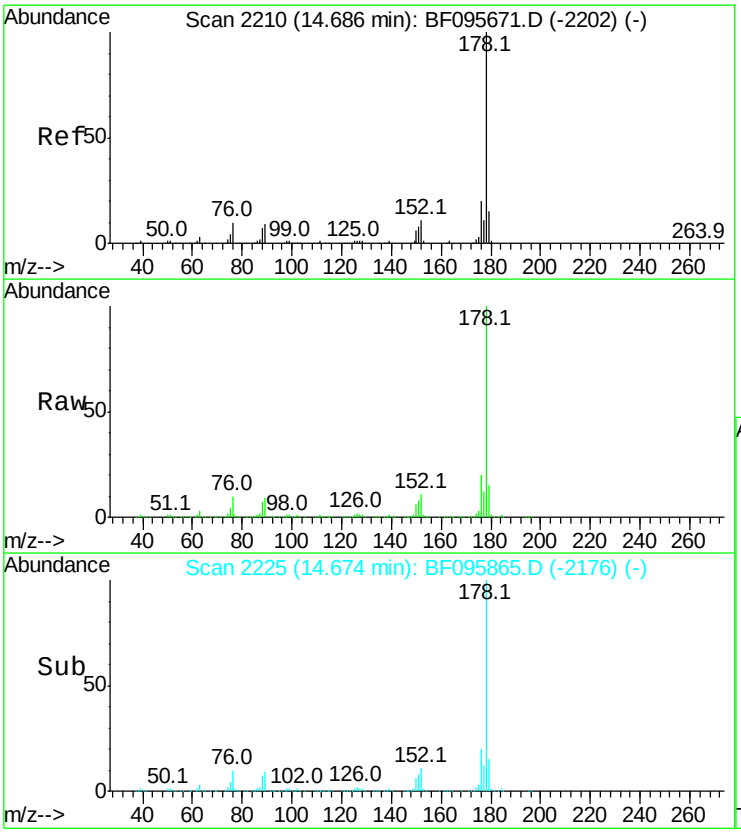
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 162679

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	11.0	10.2	15.2

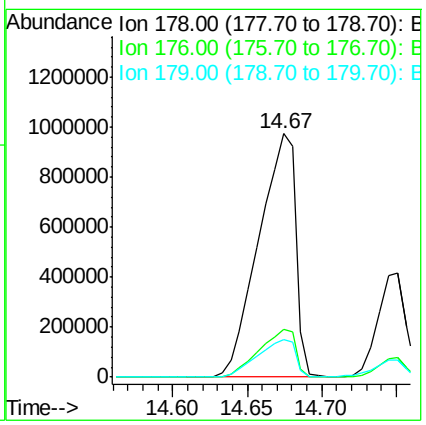


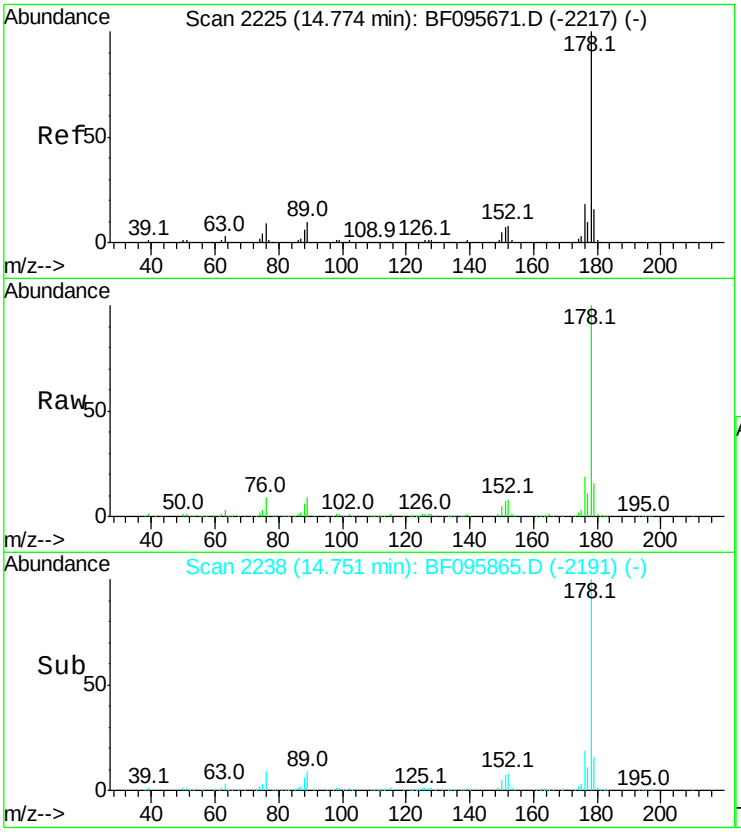


#70
Phenanthrene
Concen: 179.06 ng
RT: 14.67 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:178 Resp: 1680729

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.4	12.6	19.0



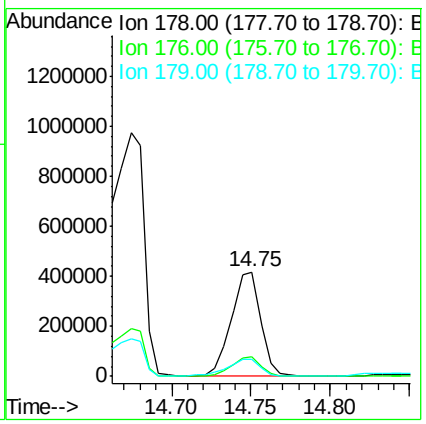


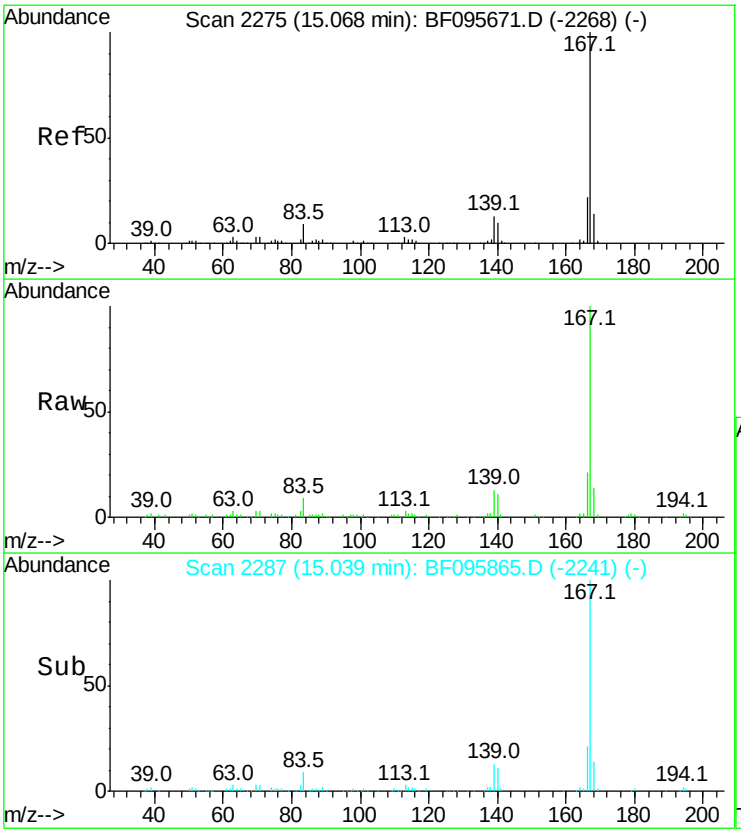
#71
Anthracene
Concen: 54.72 ng
RT: 14.75 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 536262

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.9	12.7	19.1

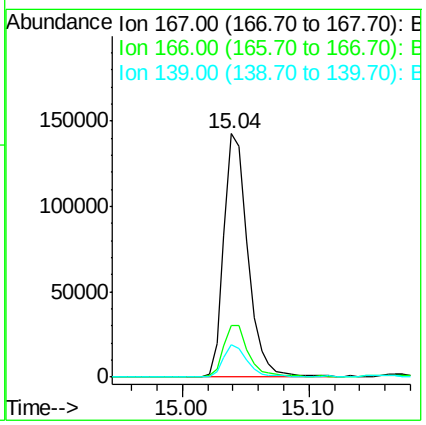


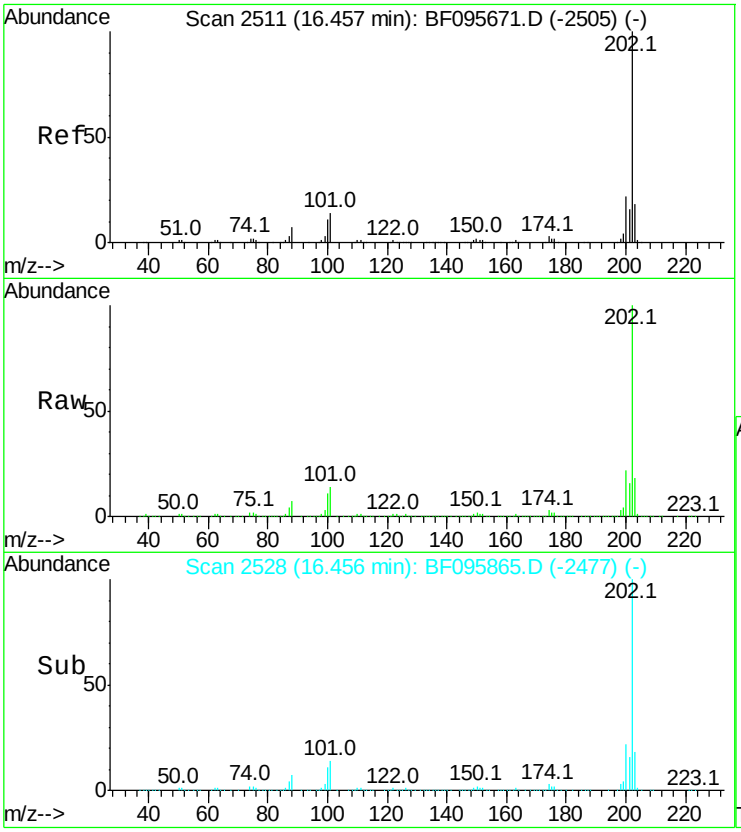


#72
Carbazole
Concen: 19.66 ng
RT: 15.04 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:167 Resp: 187753

Ion	Ratio	Lower	Upper
167	100		
166	21.1	18.1	27.1
139	13.1	11.7	17.5



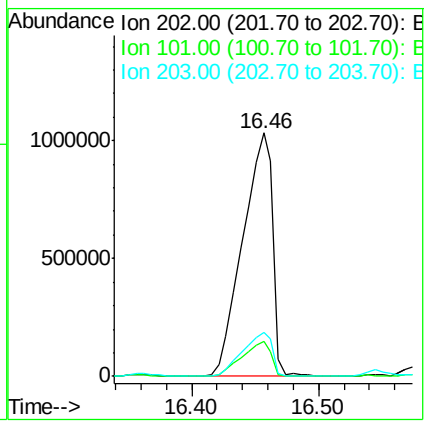


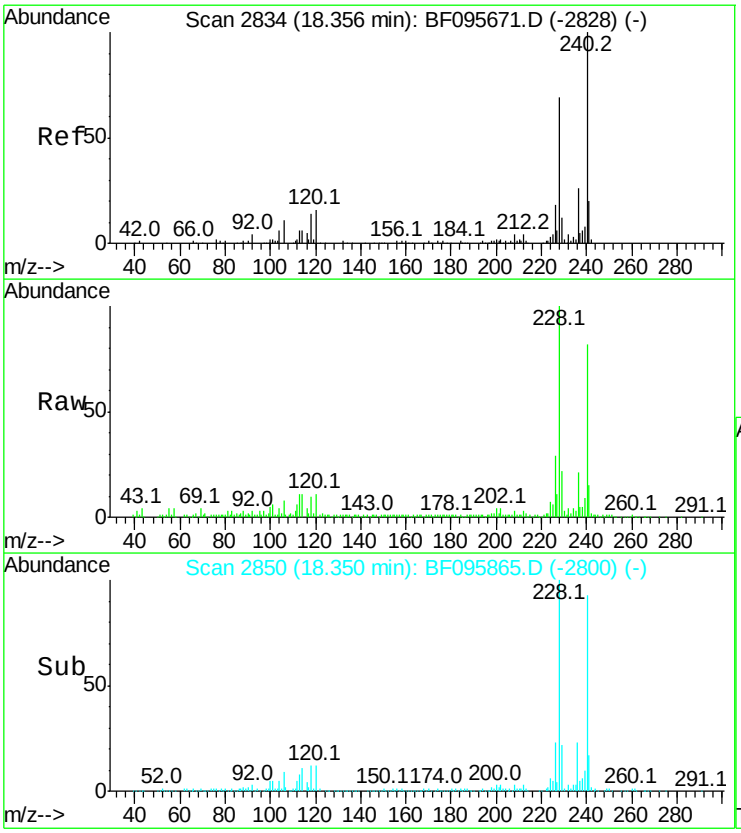
#74
Fluoranthene
Concen: 182.77 ng
RT: 16.46 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1698019

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.9	0.0	38.1

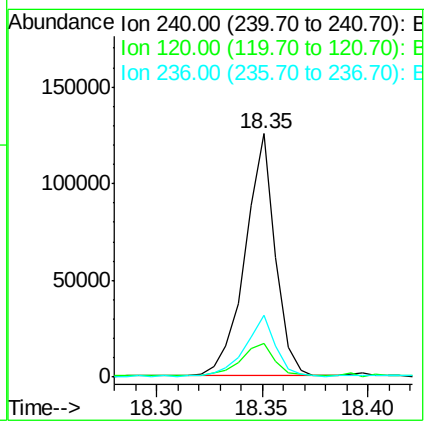


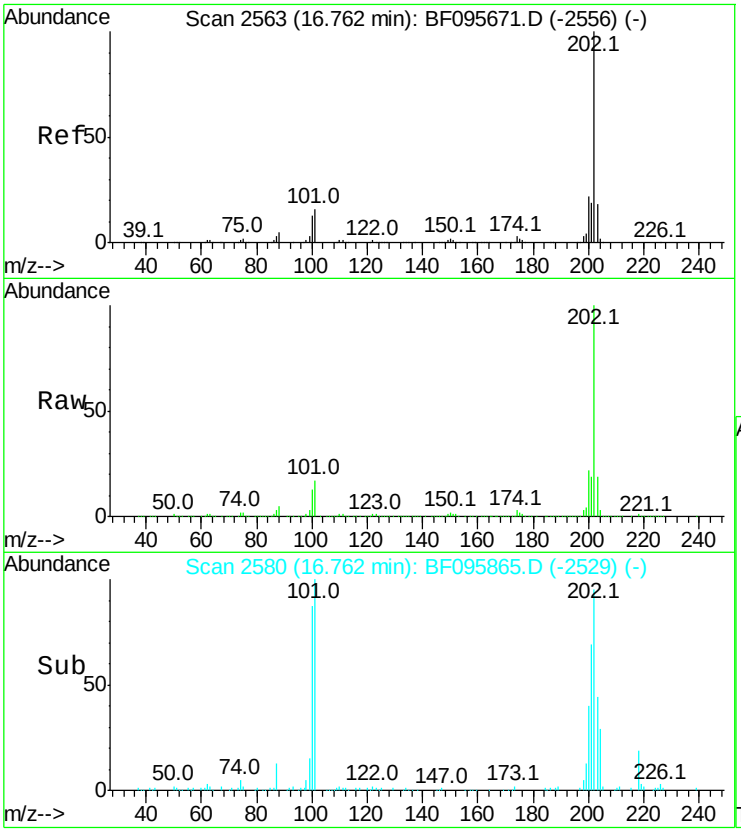


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:240 Resp: 124131

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	25.4	20.5	30.7



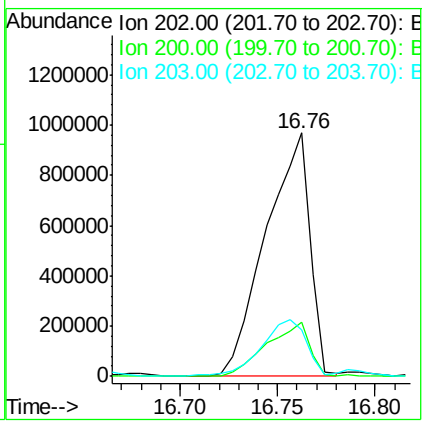


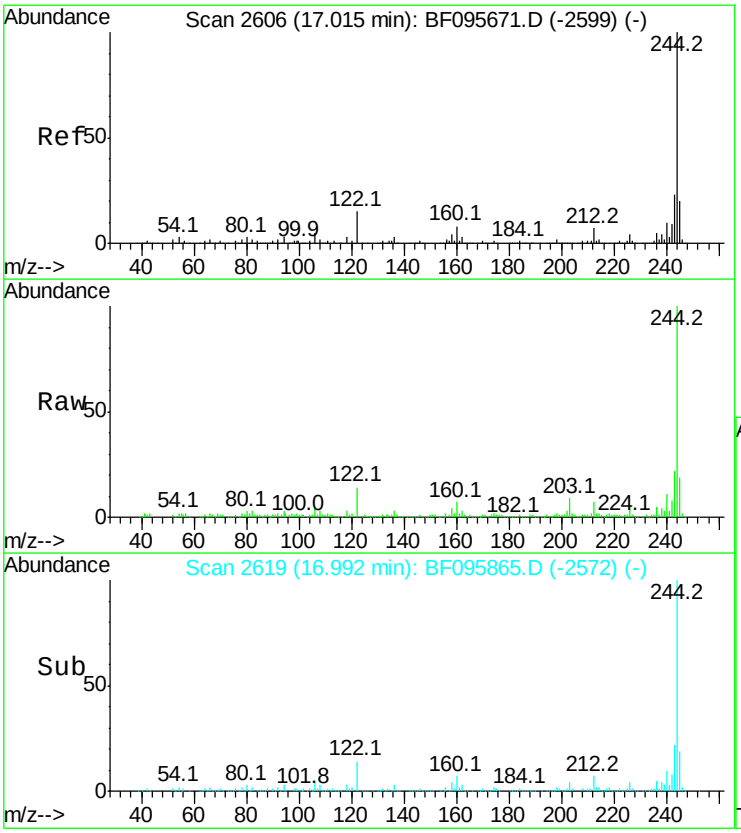
#77
Pyrene
Concen: 163.23 ng
RT: 16.76 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1511822

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	19.0	14.4	21.6

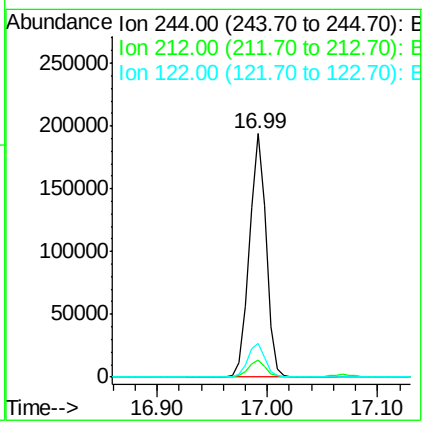


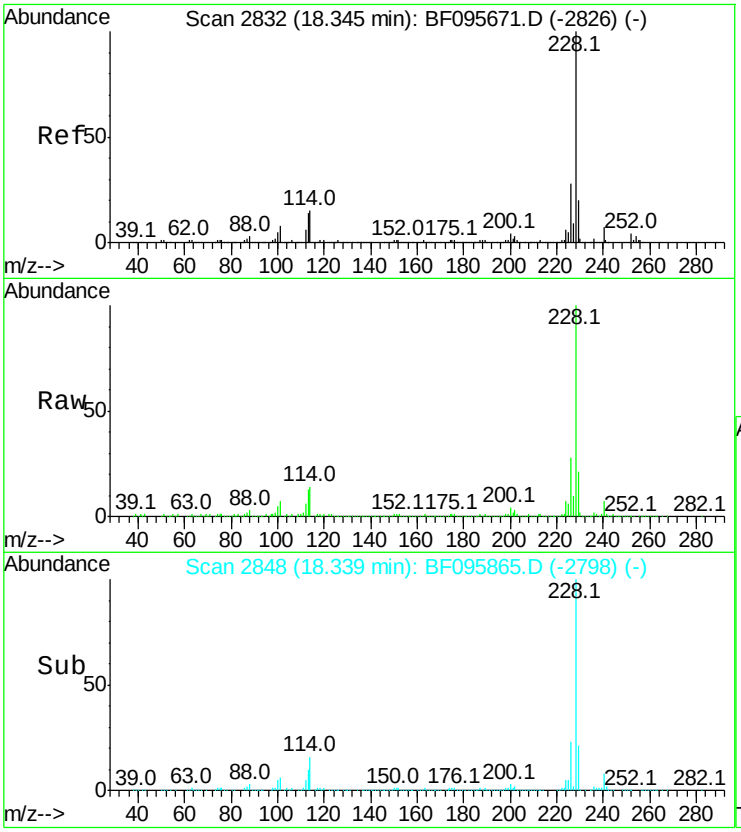


#78
Terphenyl-d14
Concen: 41.46 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:244 Resp: 207389

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5



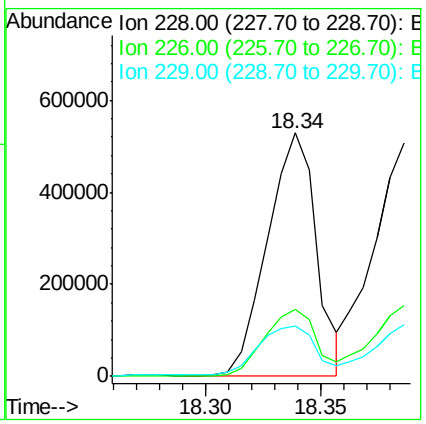


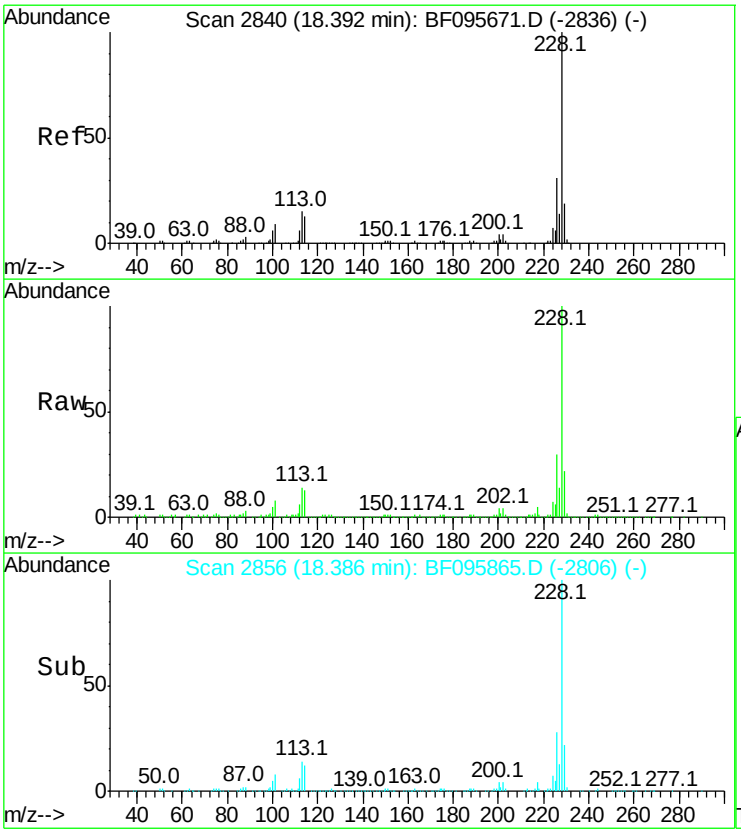
#80
Benzo(a)anthracene
Concen: 107.16 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 773359

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.9	16.3	24.5

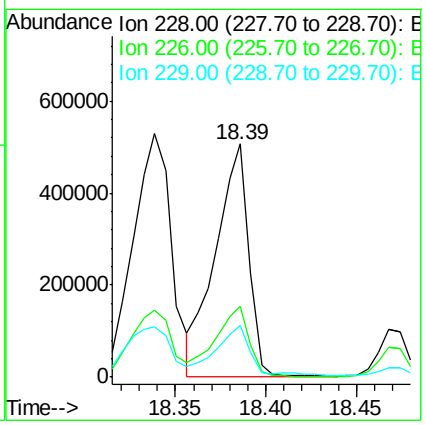


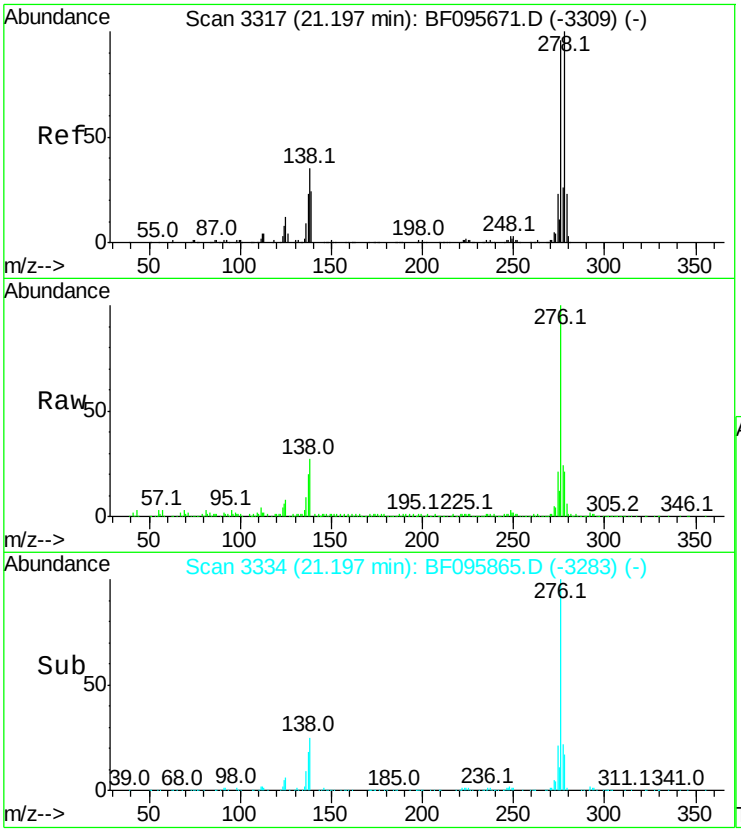


#82
Chrysene
Concen: 89.22 ng
RT: 18.39 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:228 Resp: 643502

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.3	15.8	23.6



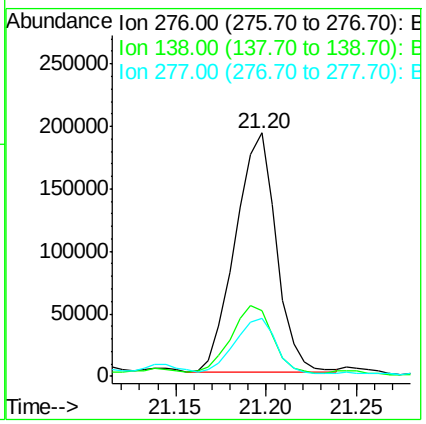


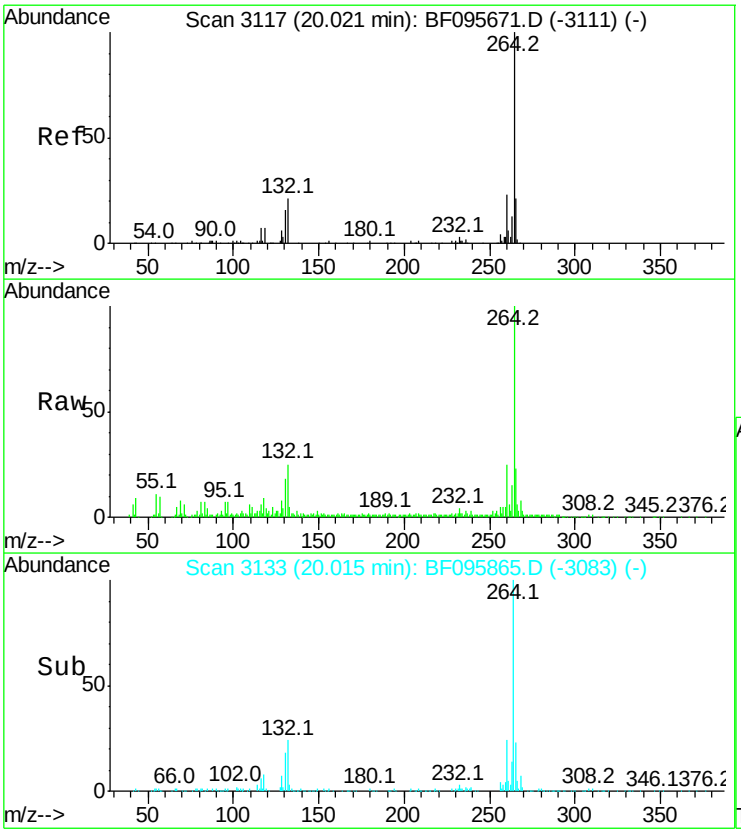
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.65 ng
RT: 21.20 min Scan# 3334
Delta R.T. -0.00 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 300248

Ion	Ratio	Lower	Upper
276	100		
138	30.6	27.8	41.6
277	24.6	20.2	30.4

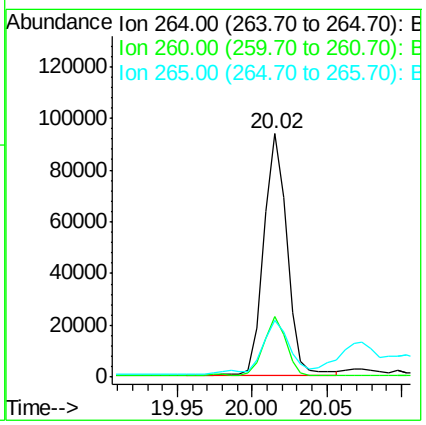


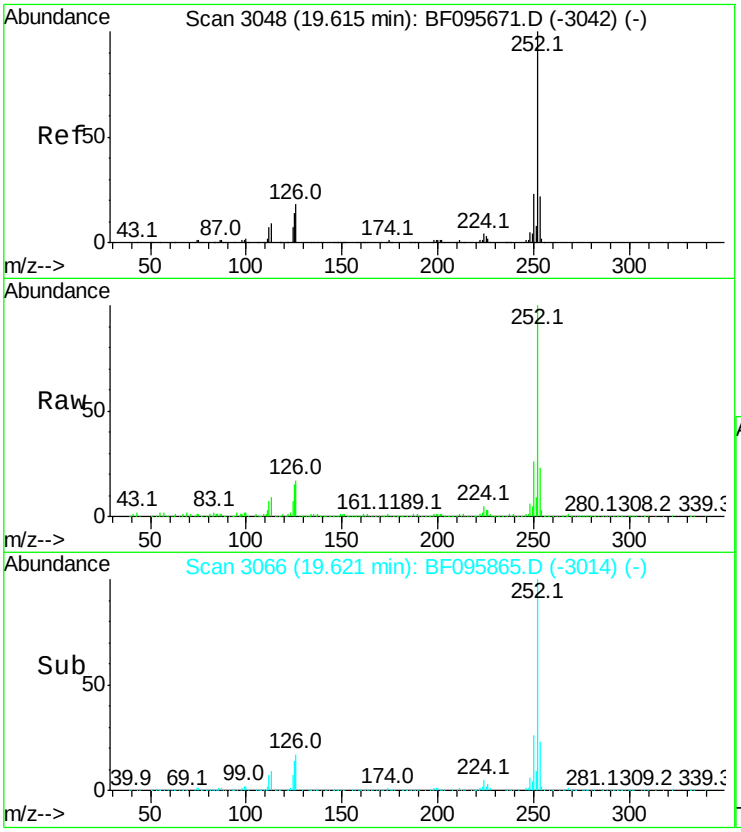


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:264 Resp: 101211

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	23.4	17.2	25.8



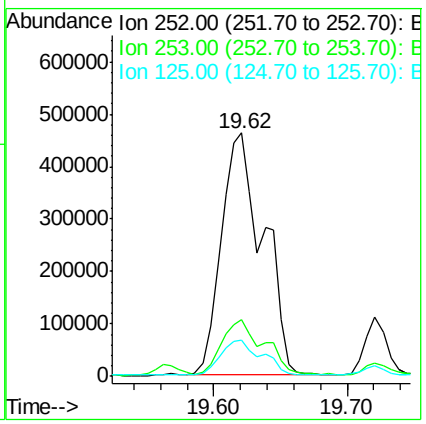


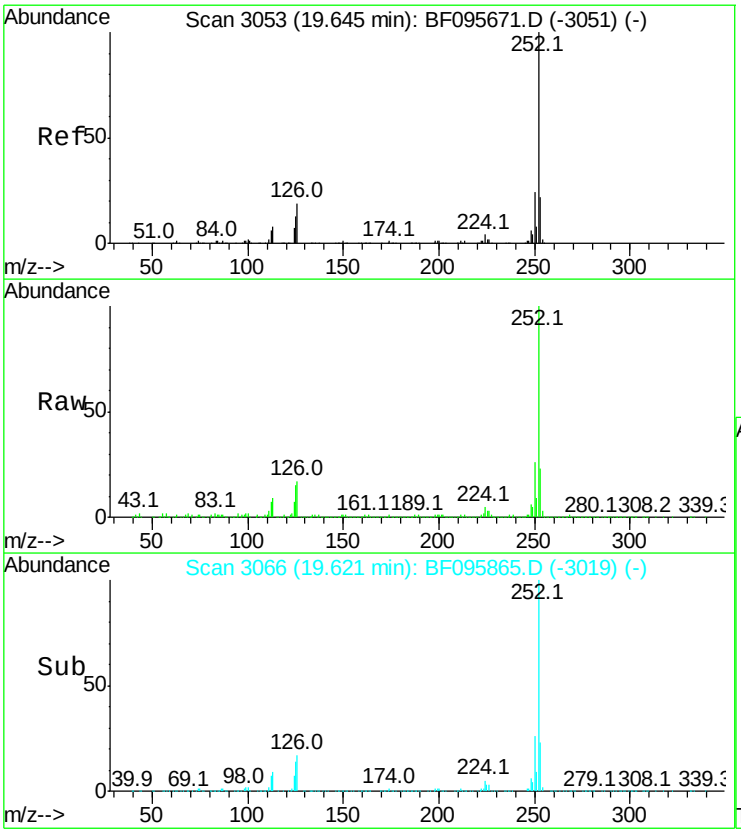
#87
Benzo(b)fluoranthene
Concen: 159.09 ng
RT: 19.62 min Scan# 3066
Delta R.T. 0.01 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1008214

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	14.9	9.8	14.8#

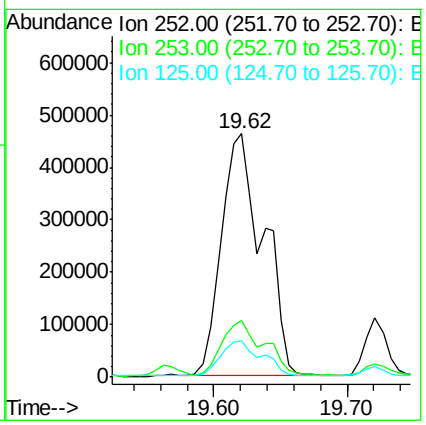


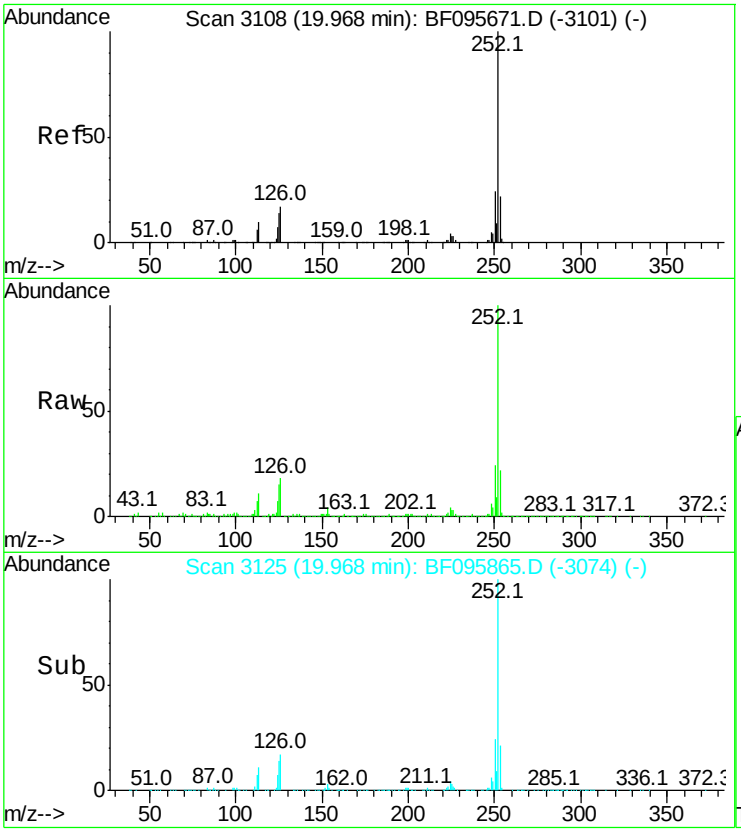


#88
Benzo(k)fluoranthene
Concen: 166.44 ng
RT: 19.62 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:252 Resp: 1008214

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	14.9	13.1	19.7



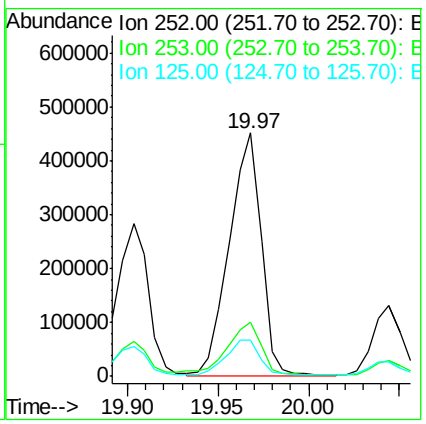


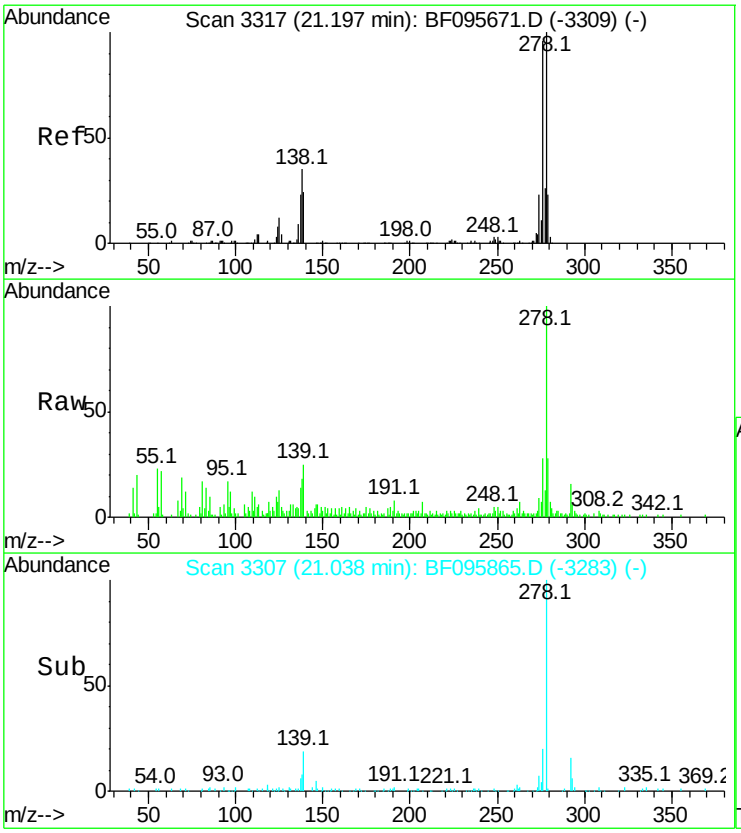
#89
Benzo(a)pyrene
Concen: 94.89 ng
RT: 19.97 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 552716

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.0	11.0	16.4

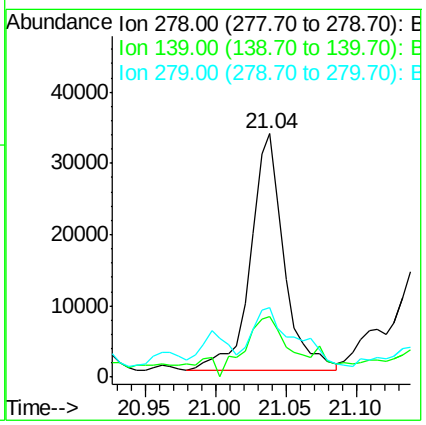


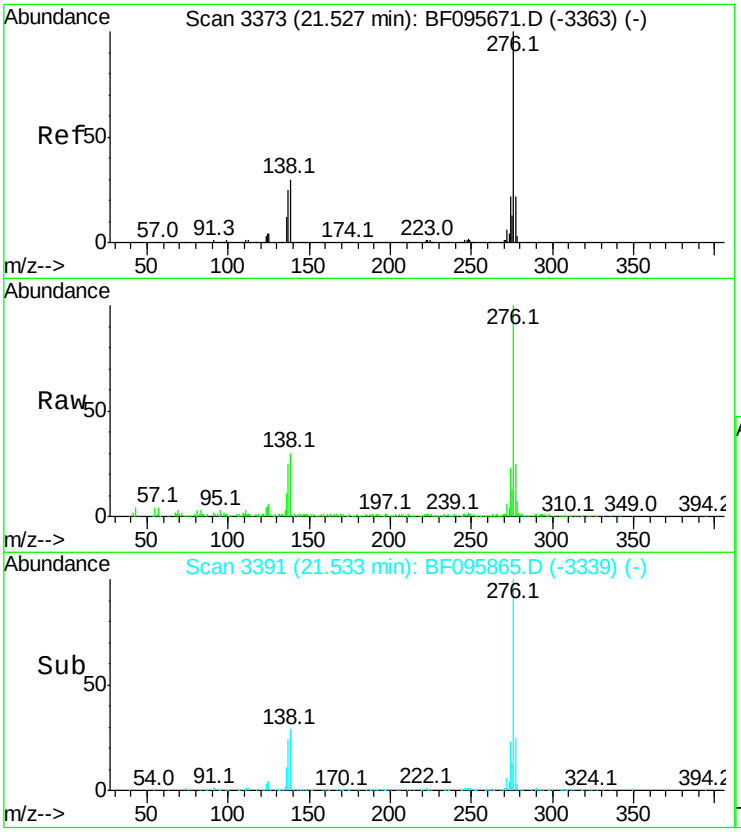


#90
Dibenzo(a,h)anthracene
Concen: 11.06 ng
RT: 21.04 min Scan# 3307
Delta R.T. -0.16 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Tgt Ion:278 Resp: 54656

Ion	Ratio	Lower	Upper
278	100		
139	24.8	16.6	24.8
279	28.5	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 55.27 ng
RT: 21.53 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BF095865.D
Acq: 11 Jun 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 278398

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	29.9	25.4	38.0