Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
Data File : BF095754.D
Acq On : 7 Jun 2017 19:31
Operator : SJ/MA
Sample : I3479-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 08 04:07:30 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	7.39	152	70267	20.00	ng		-0.01
21) Naphthalene-d8	9.42	136	283096	20.00	ng		-0.02
38) Acenaphthene-d10	12.24	164	115472	20.00	ng		-0.02
63) Phenanthrene-d10	14.64	188	172995	20.00	ng		0.00
75) Chrysene-d12	18.36	240	124927	20.00	ng		0.00
86) Perylene-d12	20.02	264	107030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	661169	149.93	ng		0.00
7) Phenol-d6	6.97	99	802608	152.03	ng		0.01
23) Nitrobenzene-d5	8.30	82	456544	100.16	ng		-0.02
41) 2,4,6-Tribromophenol	13.54	330	127482	124.78	ng		-0.01
44) 2-Fluorobiphenyl	11.20	172	760414	91.64	ng		-0.02
78) Terphenyl-d14	17.01	244	417877	83.01	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.98	94	14585	2.66	ng	#	48
15) Benzyl Alcohol	7.62	79	7621	2.10	ng	#	37
19) n-Nitroso-di-n-propylamine	8.30	70	58090	17.36	ng	#	73
31) Naphthalene	9.45	128	345461	24.32	ng		99
32) Benzoic acid	9.36	122	376	5.25	ng	#	1
33) 4-Chloroaniline	9.45	127	45463	8.19	ng	#	35
37) 2-Methylnaphthalene	10.57	142	91754	9.56	ng		98
45) 1,1'-Biphenyl	11.34	154	32589	3.42	ng		96
49) Dimethylphthalate	11.89	163	181240	20.67	ng		100
51) Acenaphthene	12.30	154	433194	58.99	ng		99
54) Dibenzofuran	12.58	168	270366	26.16	ng		96
55) 4-Nitrophenol	12.58	139	97878	75.52	ng	#	27
57) Fluorene	13.13	166	339577	37.75	ng		100
70) Phenanthrene	14.70	178	2233435	223.75	ng		99
71) Anthracene	14.77	178	821166	78.80	ng		98
72) Carbazole	15.06	167	358936	35.35	ng		97
74) Fluoranthene	16.48	202	2272424	230.01	ng		99
77) Pyrene	16.78	202	1889729	202.73	ng		97
80) Benzo(a)anthracene	18.36	228	945654	130.20	ng		99
82) Chrysene	18.40	228	758102	104.44	ng		96
83) Bis(2-ethylhexyl)phthalate	18.43	149	13989	2.44	ng	#	93
85) Indeno(1,2,3-cd)pyrene	21.20	276	259908	41.85	ng		96
87) Benzo(b)fluoranthene	19.63	252	1076676	160.65	ng	#	97
88) Benzo(k)fluoranthene	19.63	252	1076676	168.08	ng		99
89) Benzo(a)pyrene	19.97	252	580605	94.26	ng		97
90) Dibenzo(a,h)anthracene	21.15	278	28269	5.41	ng		94
91) Benzo(g,h,i)perylene	21.54	276	248295	46.61	ng		97

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

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
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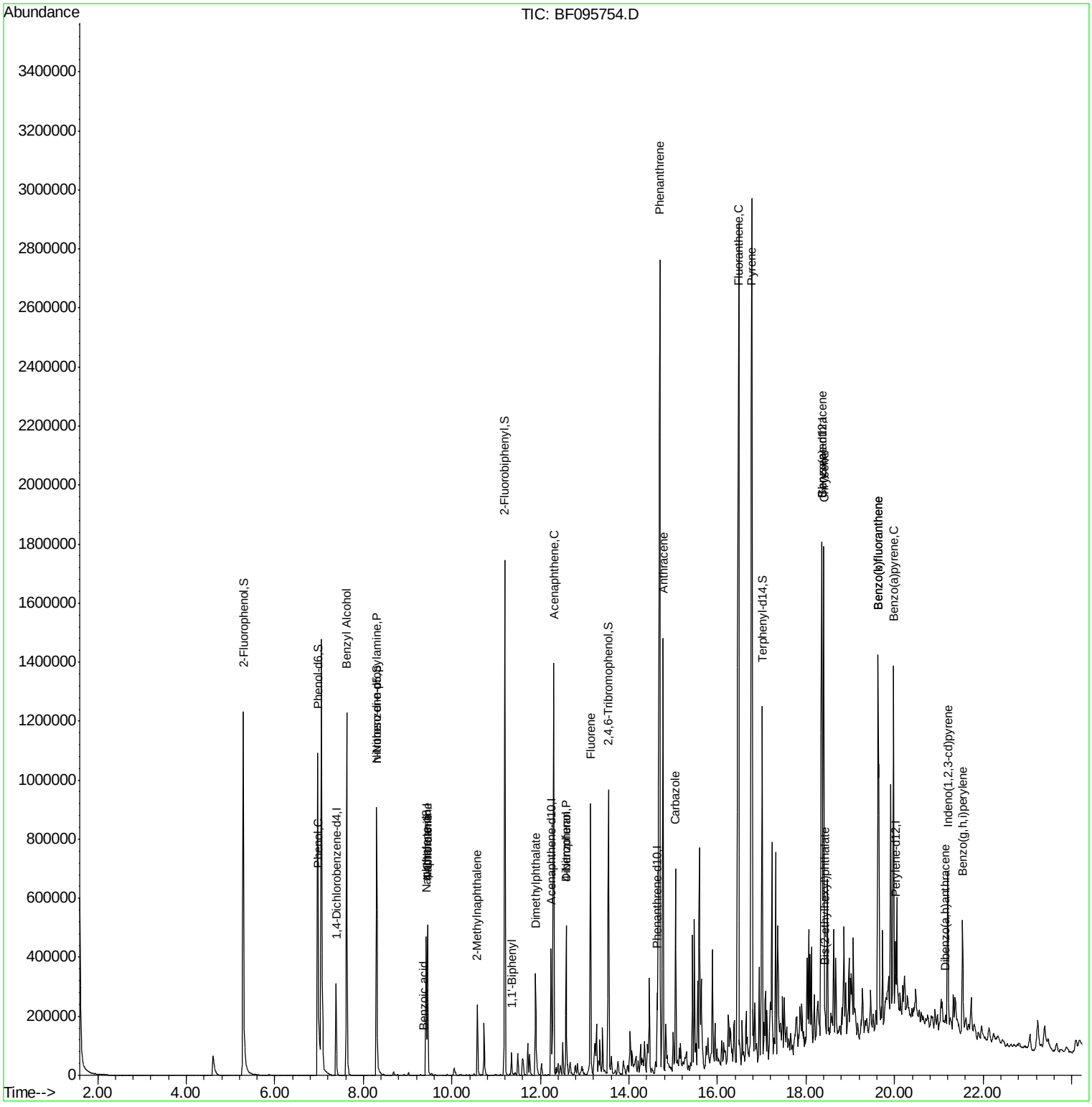
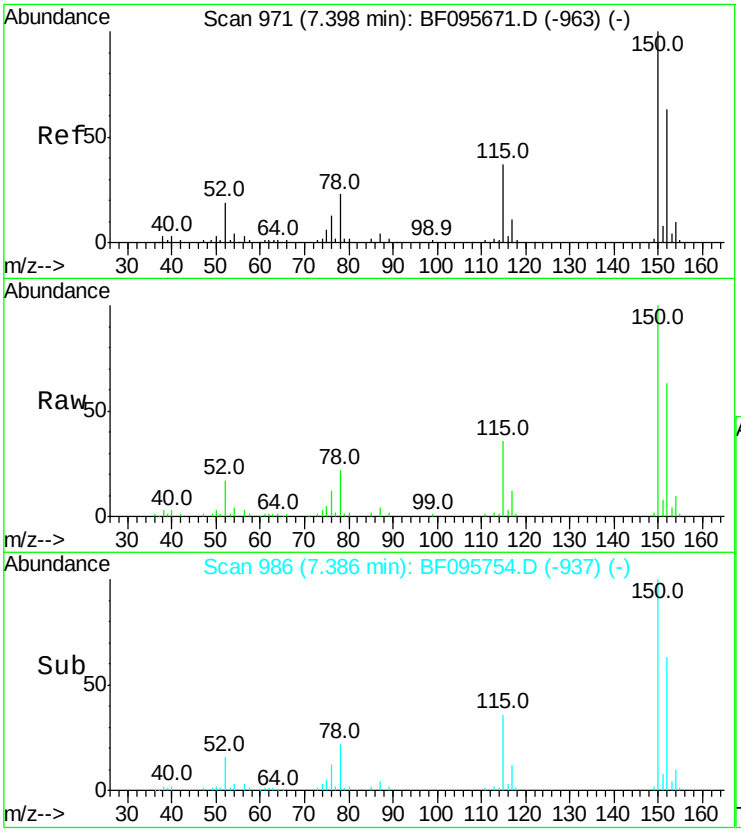
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration



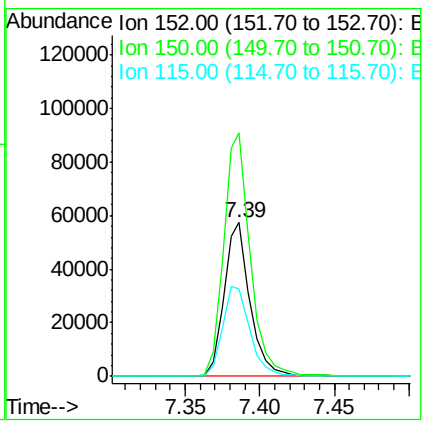


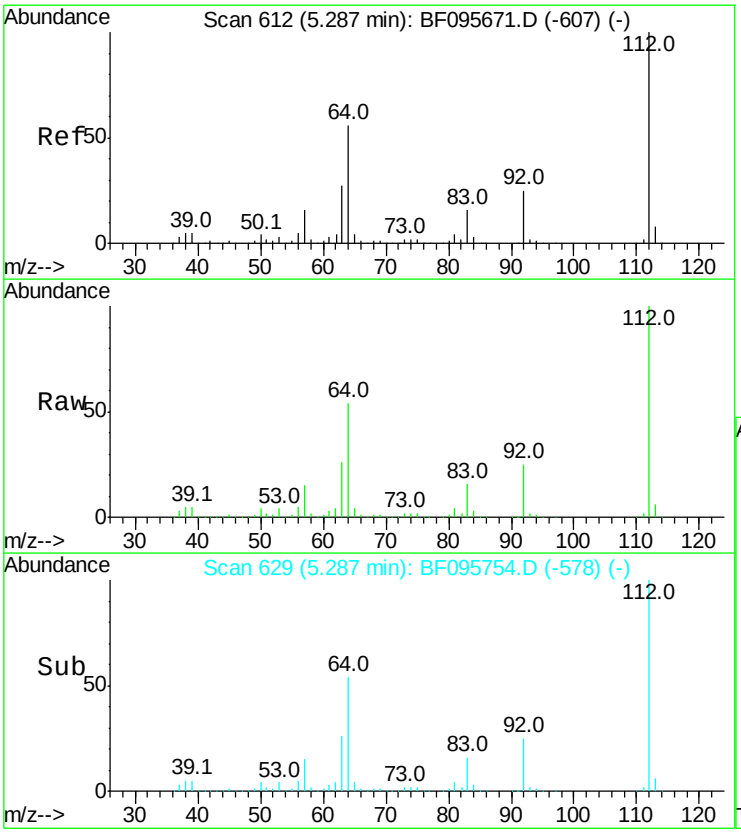
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 70267

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	57.0	52.2	78.2

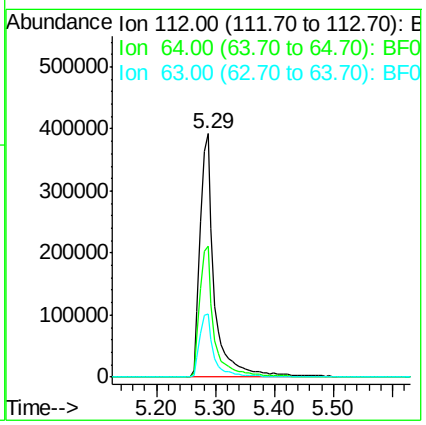


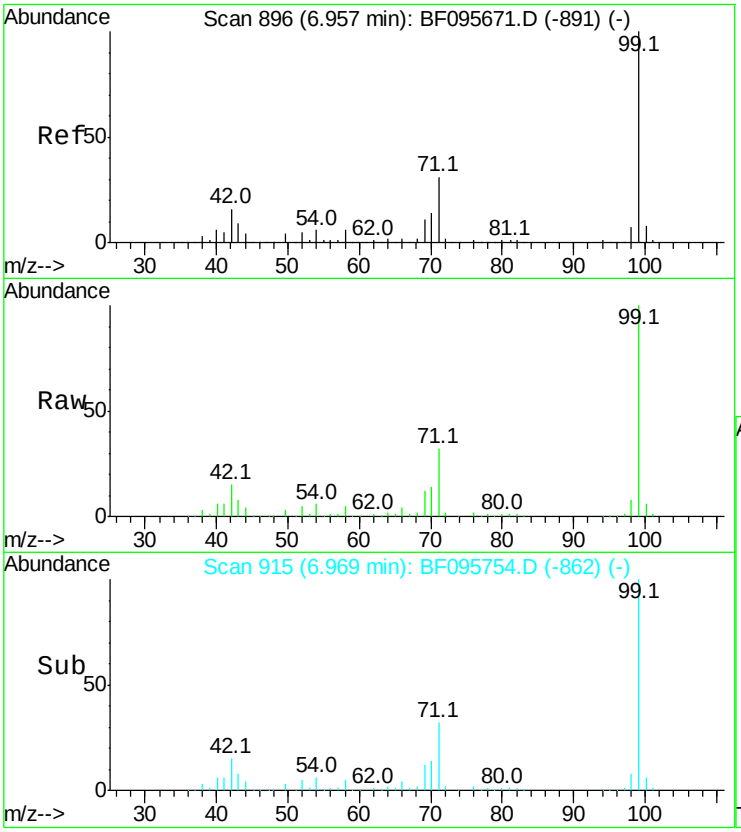


#5
2-Fluorophenol
Concen: 149.93 ng
RT: 5.29 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:112 Resp: 661169

Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	25.8	23.4	35.0



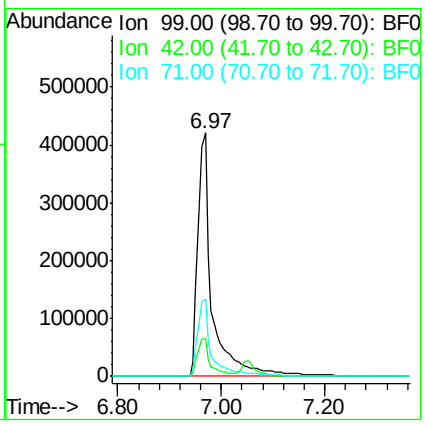


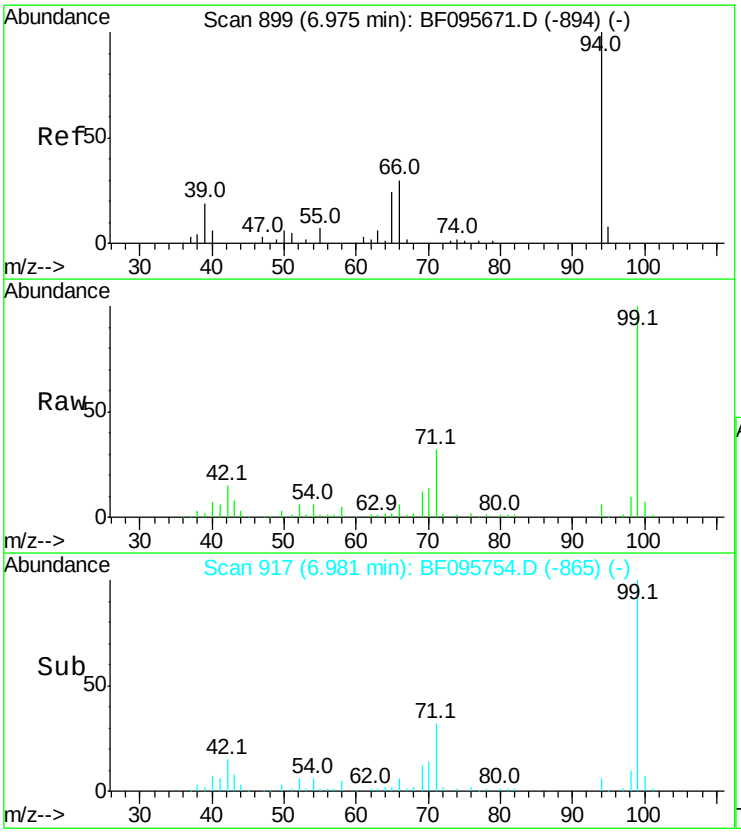
#7
Phenol-d6
Concen: 152.03 ng
RT: 6.97 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 802608

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	31.8	24.5	36.7

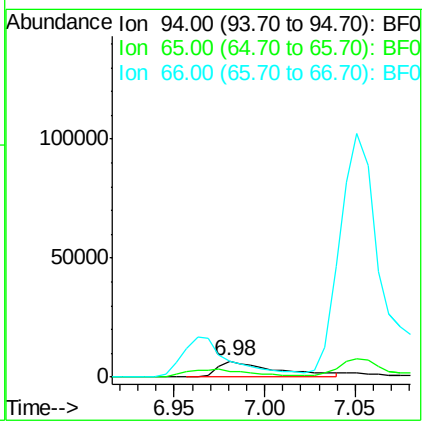


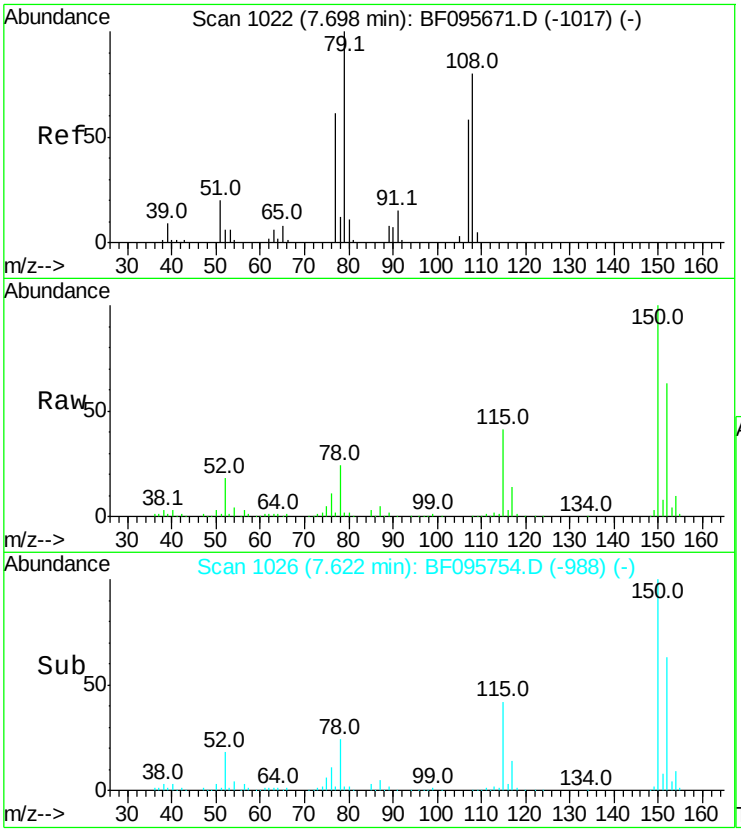


#10
Phenol
Concen: 2.66 ng
RT: 6.98 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion: 94 Resp: 14585

Ion	Ratio	Lower	Upper
94	100		
65	33.0	9.9	49.9
66	96.8	23.1	63.1#



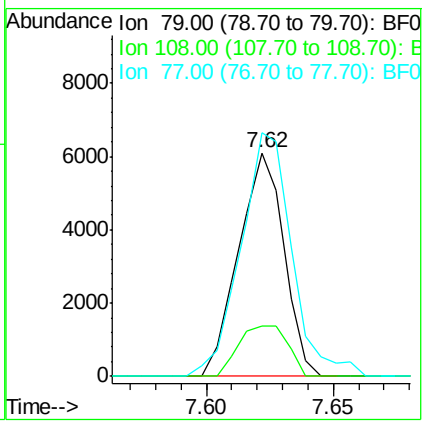


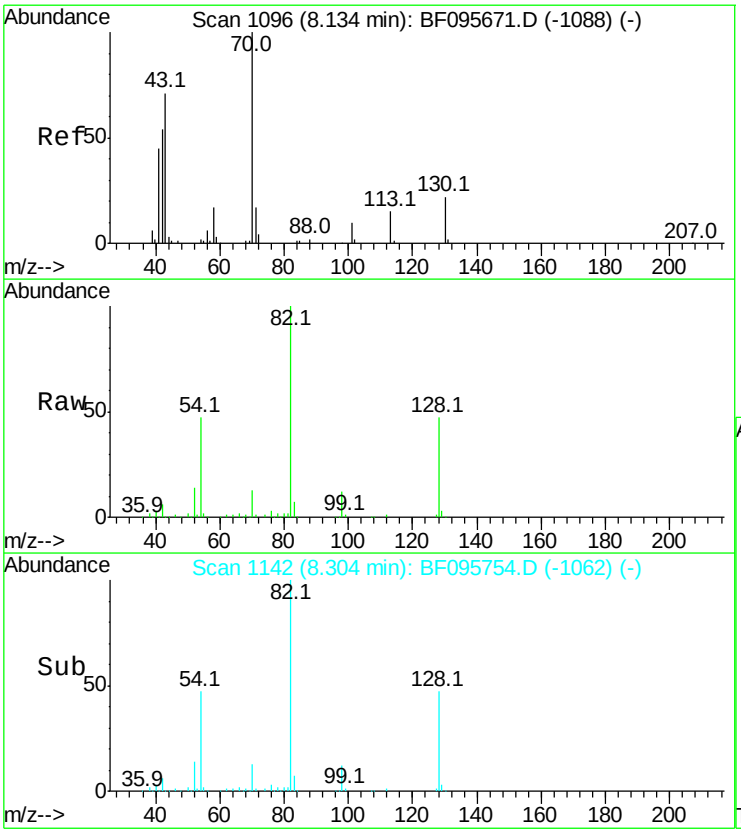
#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 7.62 min Scan# 1026
Delta R.T. -0.08 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 7621

Ion	Ratio	Lower	Upper
79	100		
108	22.7	63.4	95.0#
77	109.0	49.2	73.8#

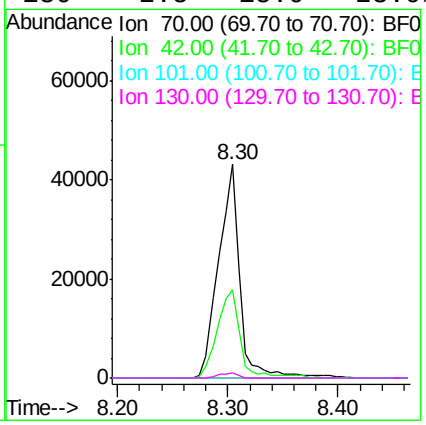


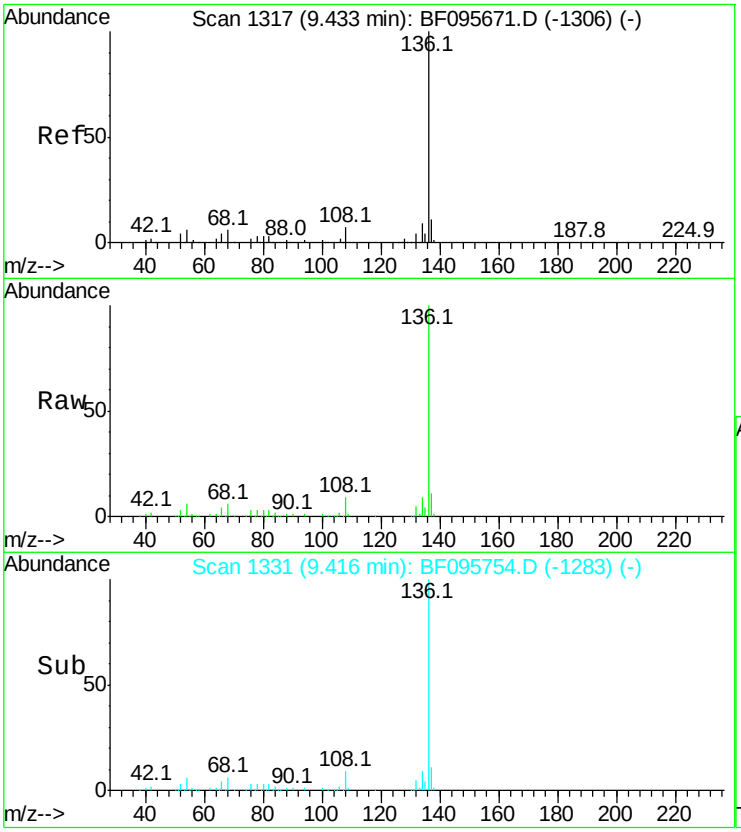


#19
n-Nitroso-di-n-propylamine
Concen: 17.36 ng
RT: 8.30 min Scan# 1142
Delta R.T. 0.17 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion: 70 Resp: 58090

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



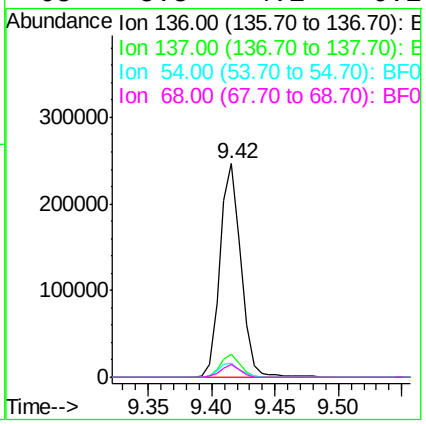


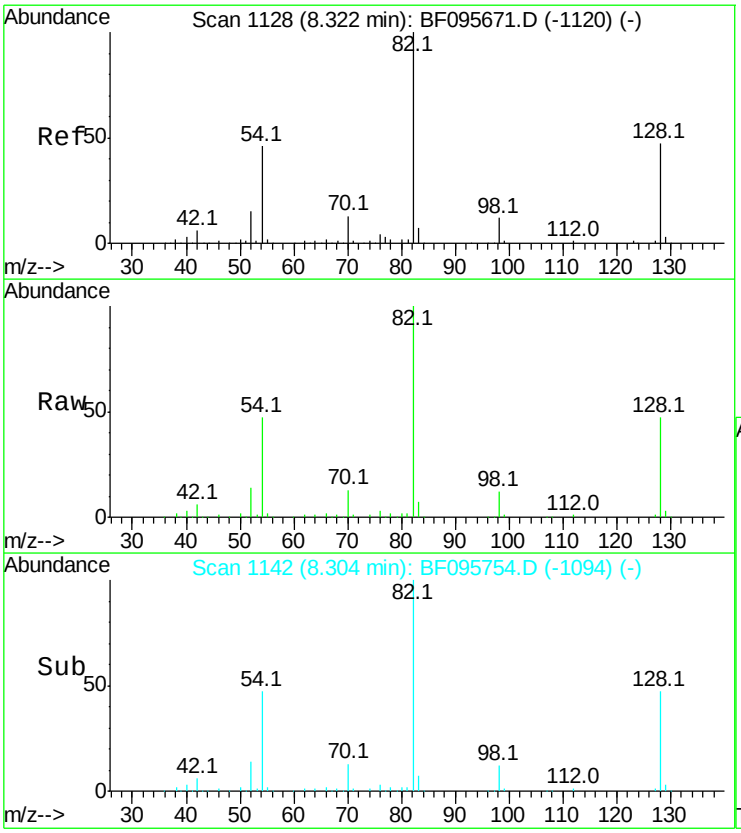
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 283096

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.4	4.9	7.3
68	5.8	4.1	6.1

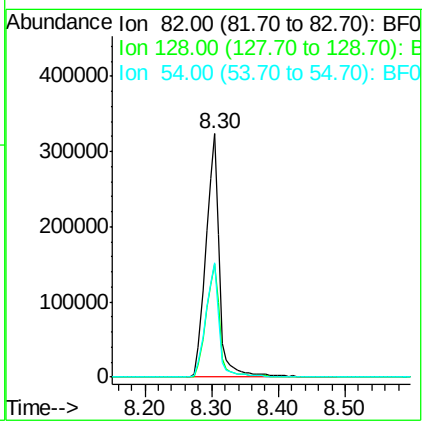


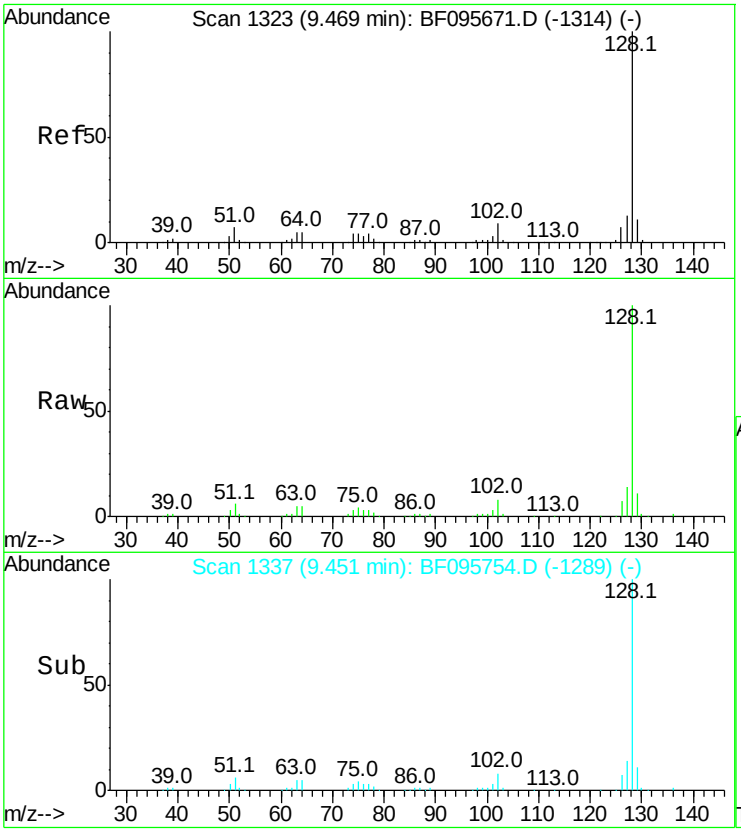


#23
Nitrobenzene-d5
Concen: 100.16 ng
RT: 8.30 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion: 82 Resp: 456544

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	46.9	42.2	63.2



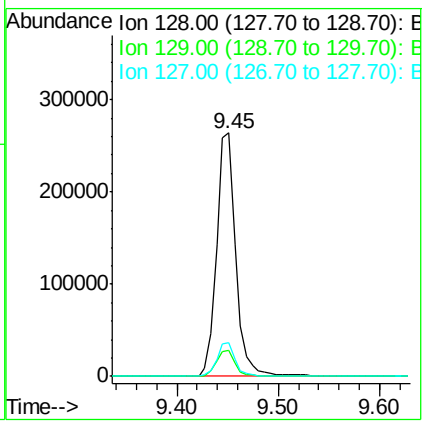


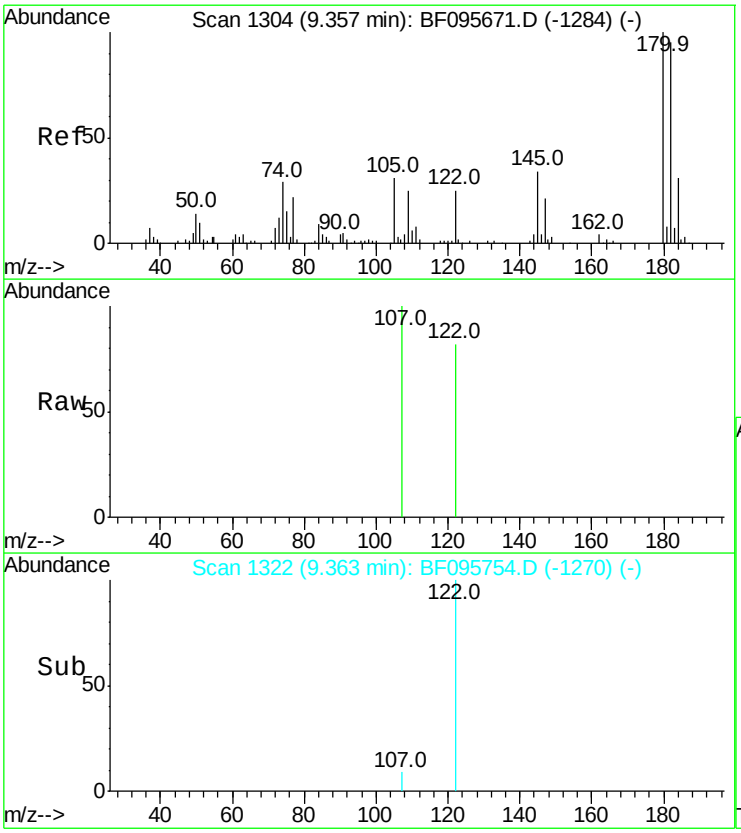
#31
Naphthalene
Concen: 24.32 ng
RT: 9.45 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 345461

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

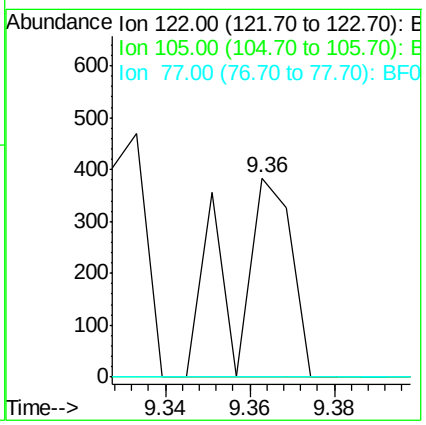


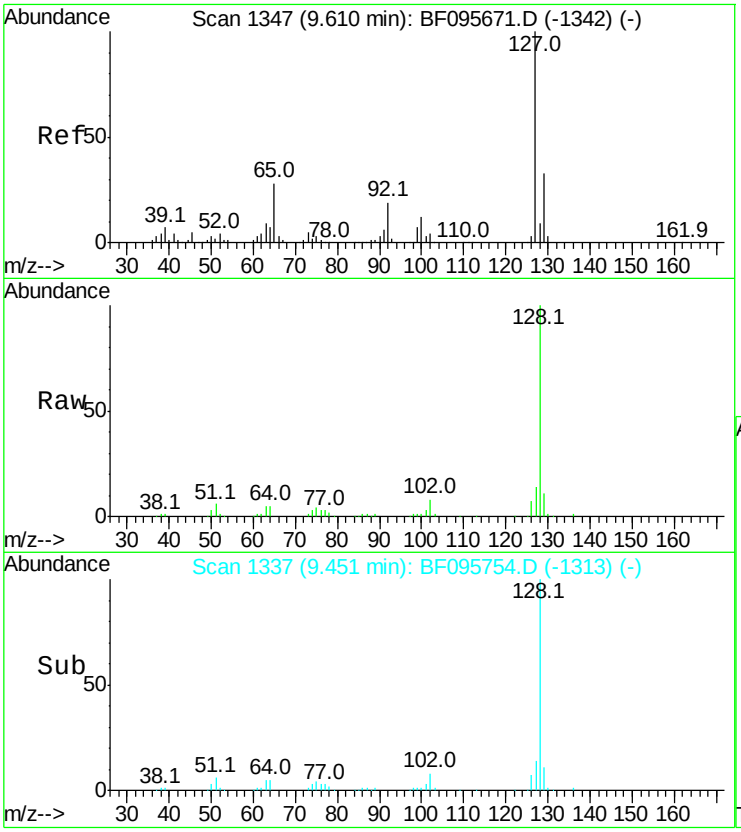


#32
Benzoic acid
Concen: 5.25 ng
RT: 9.36 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:122 Resp: 376

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



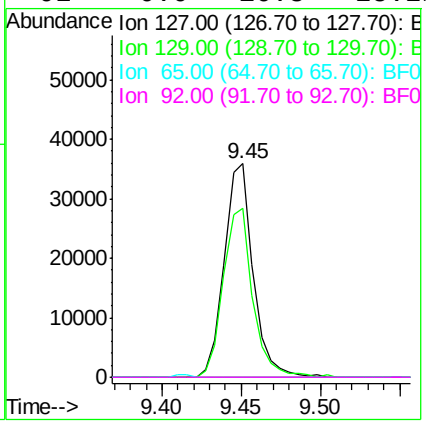


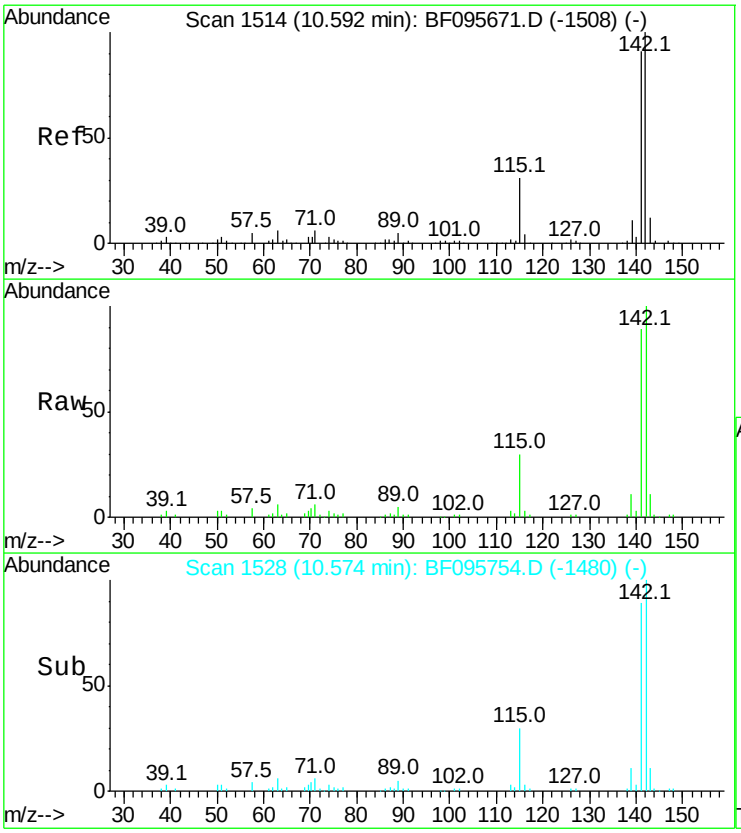
#33
4-Chloroaniline
Concen: 8.19 ng
RT: 9.45 min Scan# 1337
Delta R.T. -0.16 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 45463

Ion	Ratio	Lower	Upper
127	100		
129	79.4	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

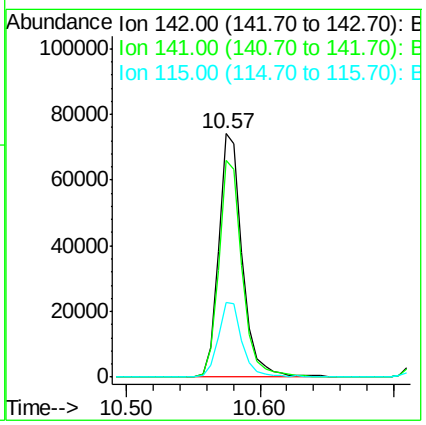


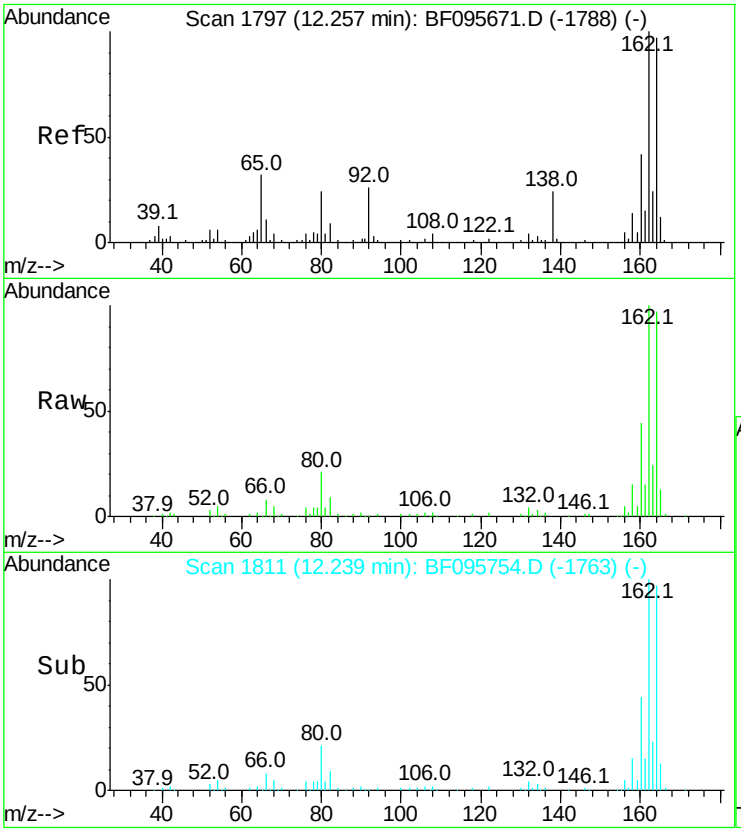


#37
2-Methylnaphthalene
Concen: 9.56 ng
RT: 10.57 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:142 Resp: 91754

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	30.5	27.1	40.7



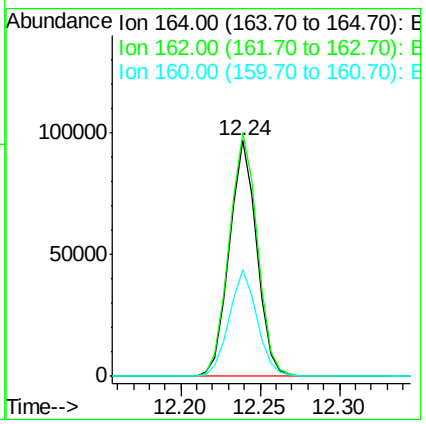


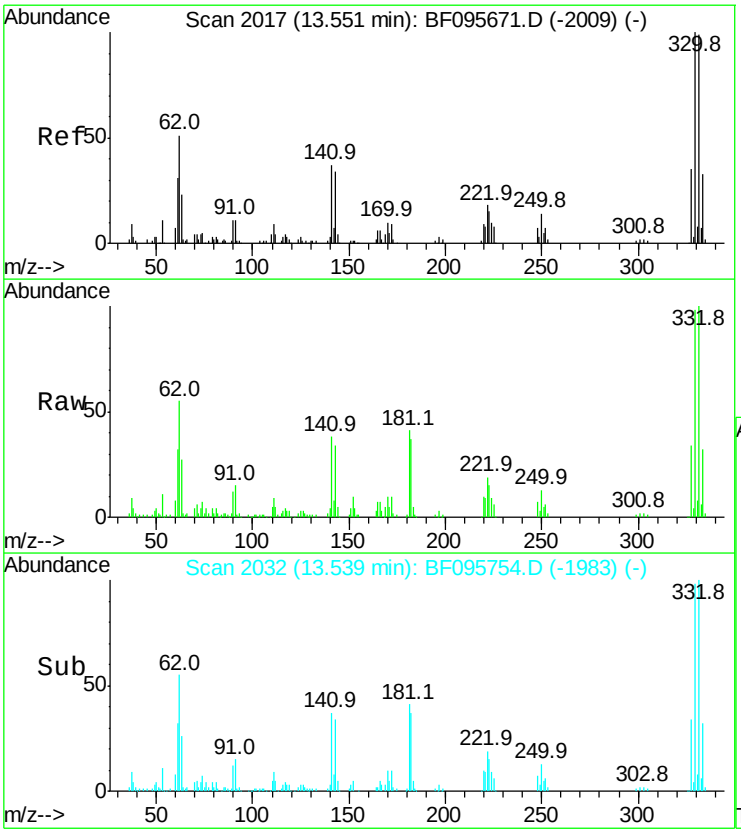
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 115472

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	45.3	36.2	54.2

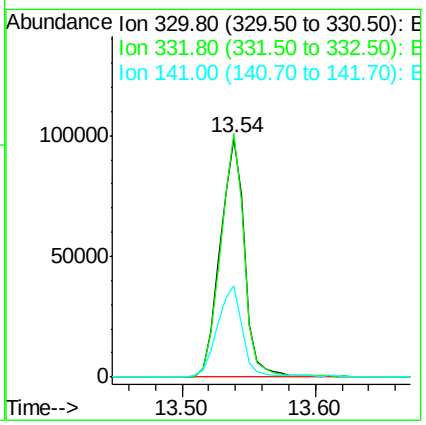


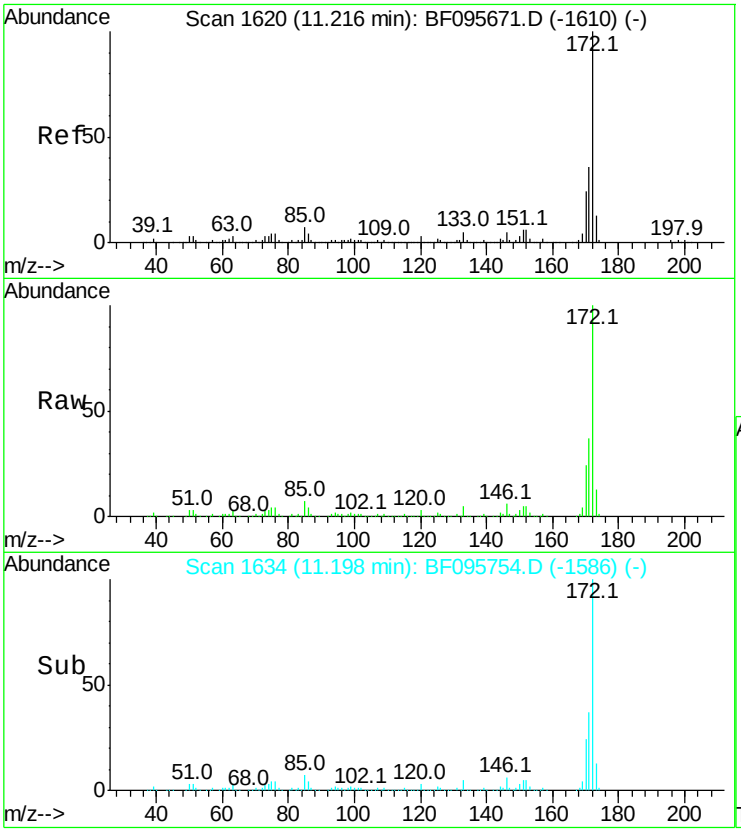


#41
2,4,6-Tribromophenol
Concen: 124.78 ng
RT: 13.54 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:330 Resp: 127482

Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	39.3	31.4	47.2



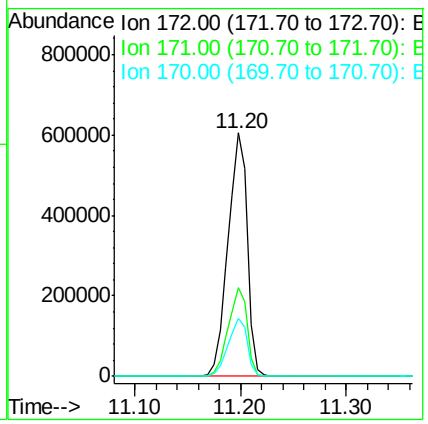


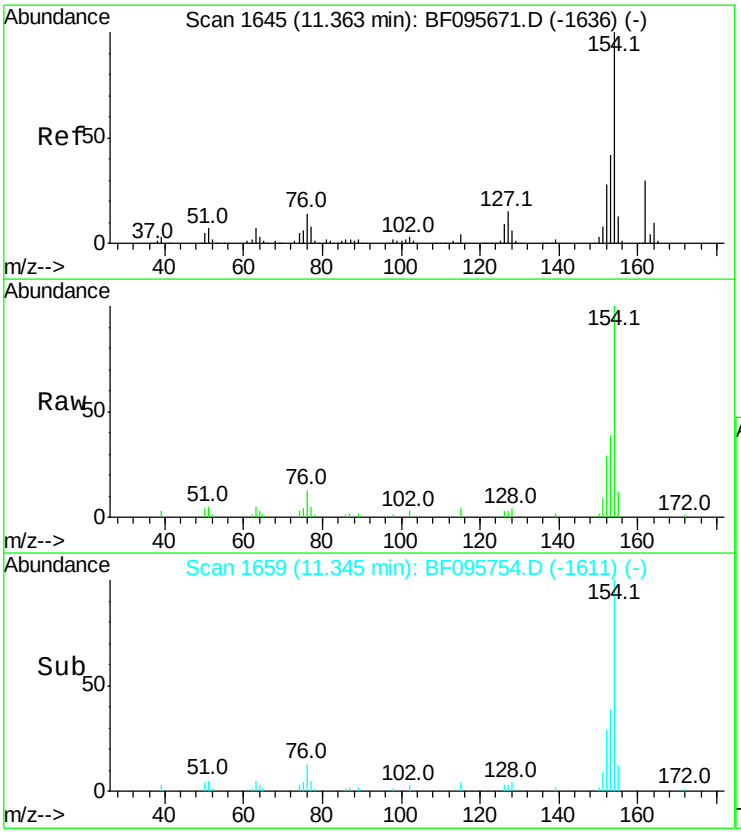
#44
2-Fluorobiphenyl
Concen: 91.64 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 760414

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.9	19.8	29.8

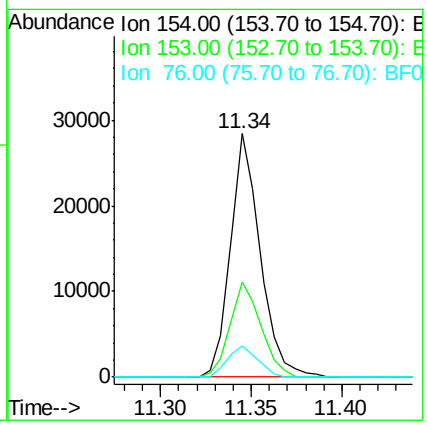


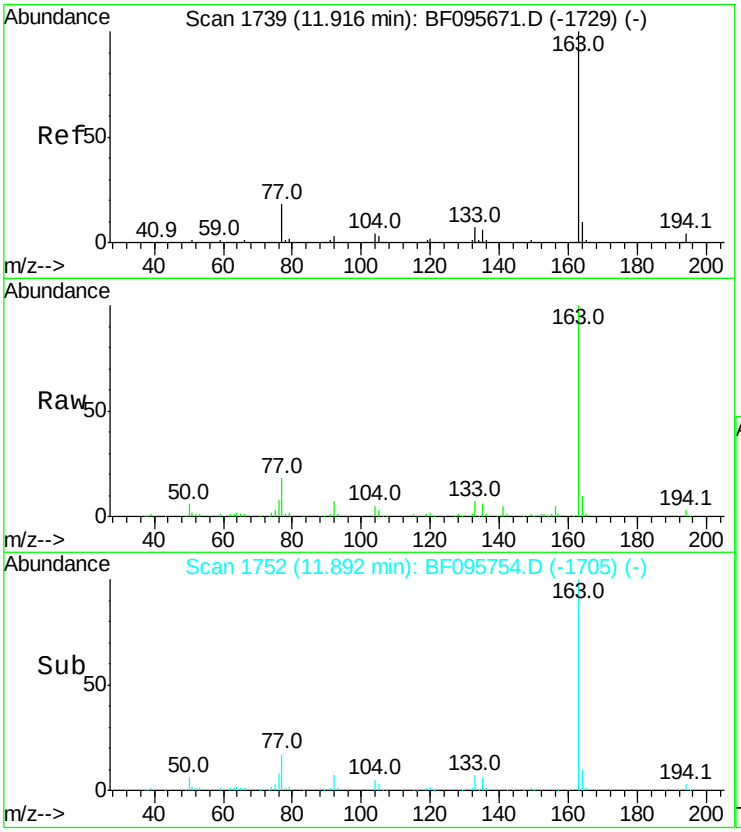


#45
1,1'-Biphenyl
Concen: 3.42 ng
RT: 11.34 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:154 Resp: 32589

Ion	Ratio	Lower	Upper
154	100		
153	39.1	21.2	61.2
76	12.7	0.0	29.9



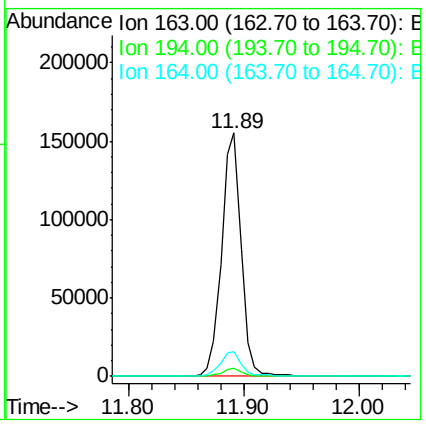


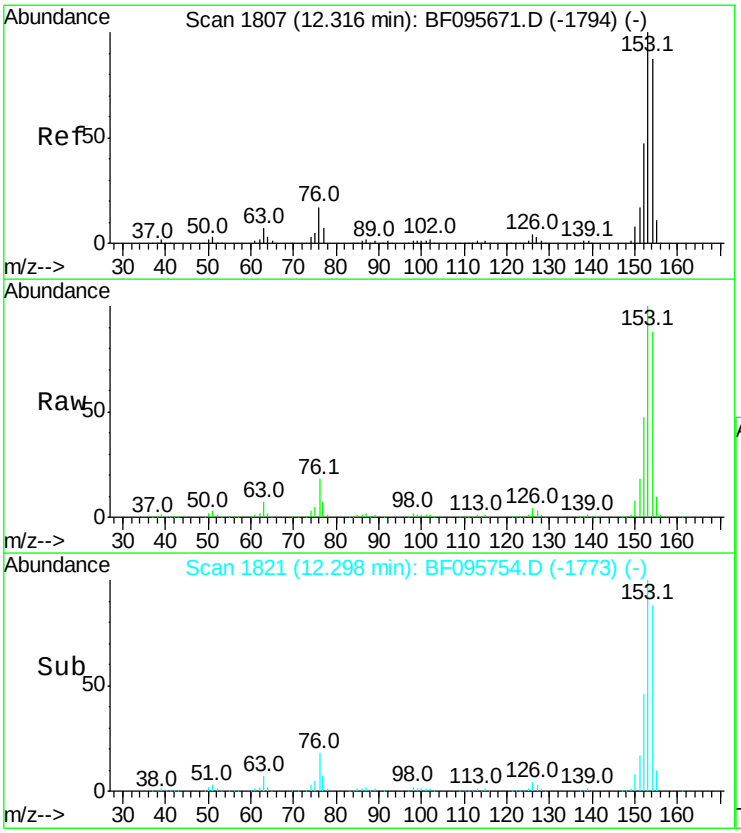
#49
Dimethylphthalate
Concen: 20.67 ng
RT: 11.89 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 181240

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6

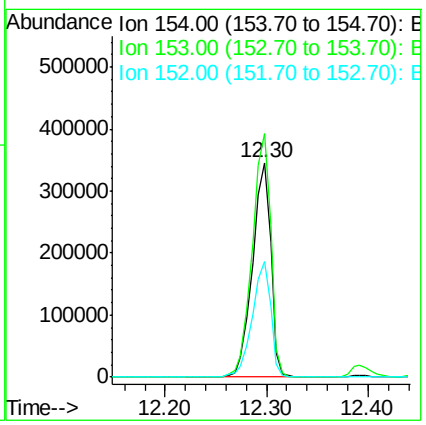


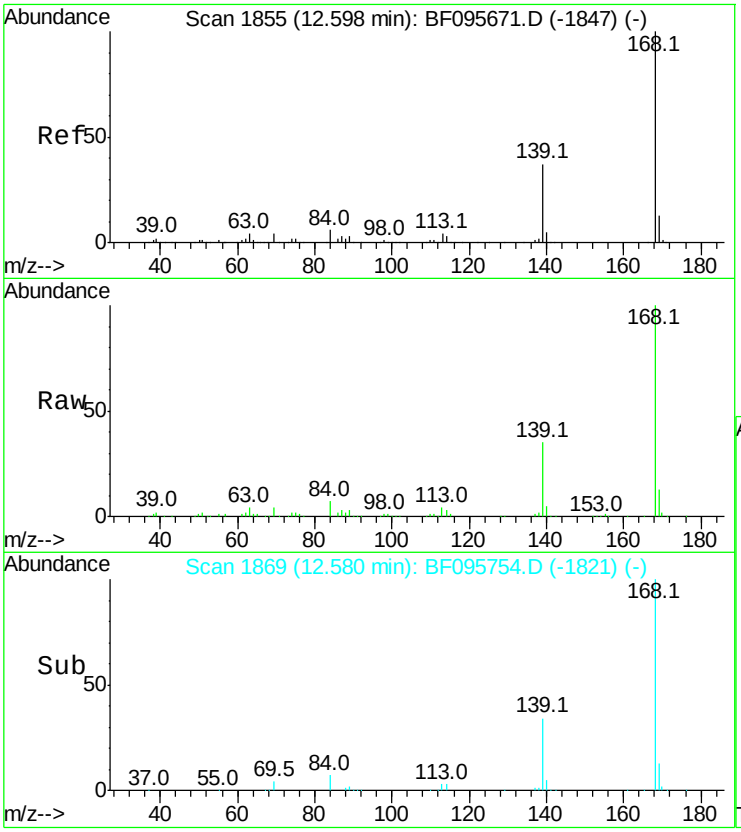


#51
Acenaphthene
Concen: 58.99 ng
RT: 12.30 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:154 Resp: 433194

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	53.7	43.6	65.4



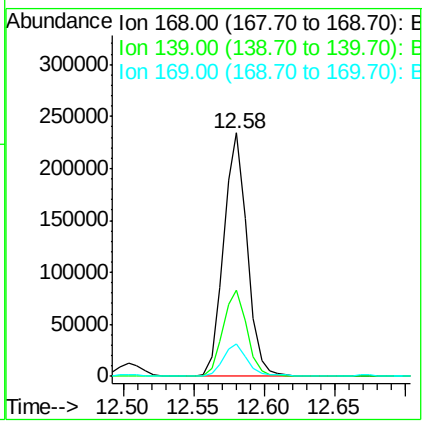


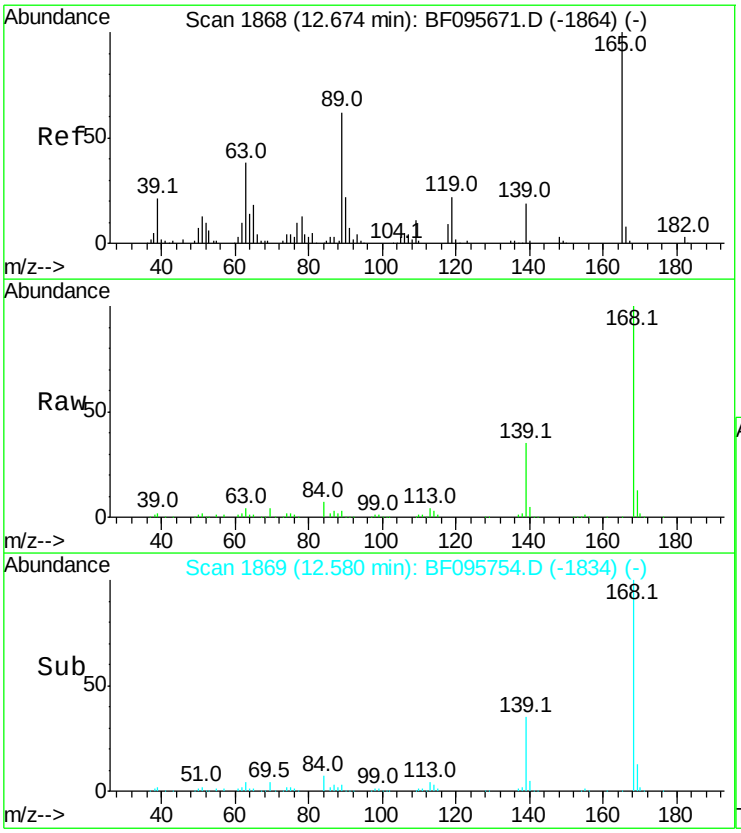
#54
Dibenzofuran
Concen: 26.16 ng
RT: 12.58 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 270366

Ion	Ratio	Lower	Upper
168	100		
139	35.3	30.6	45.8
169	13.1	10.8	16.2

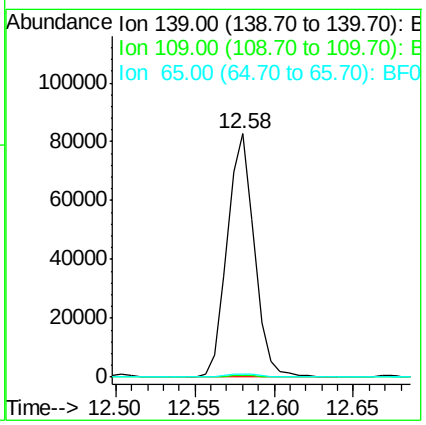


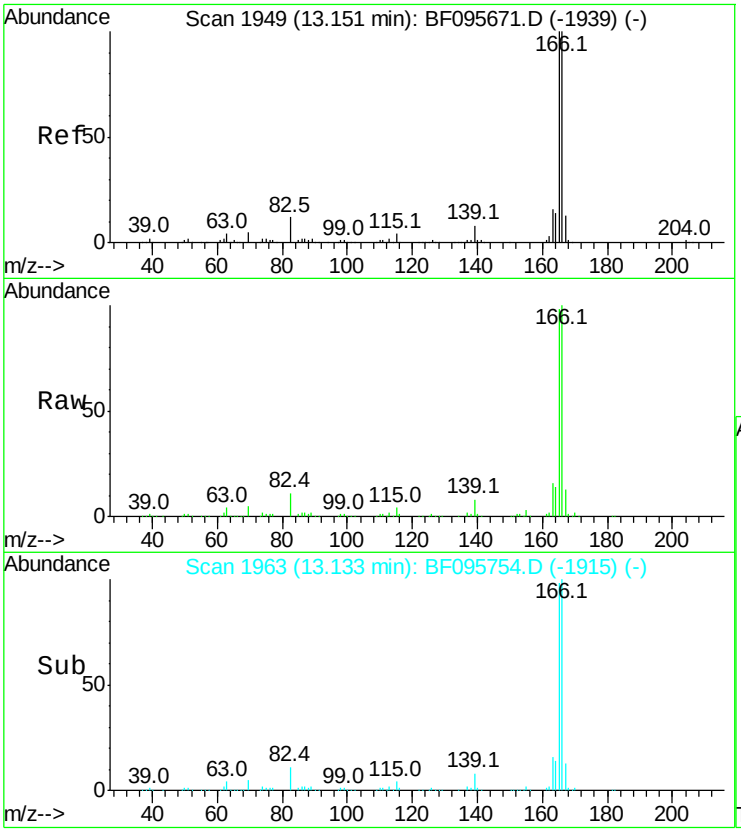


#55
4-Nitrophenol
Concen: 75.52 ng
RT: 12.58 min Scan# 1869
Delta R.T. -0.09 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:139 Resp: 97878

Ion	Ratio	Lower	Upper
139	100		
109	0.6	34.1	74.1#
65	1.4	31.4	71.4#



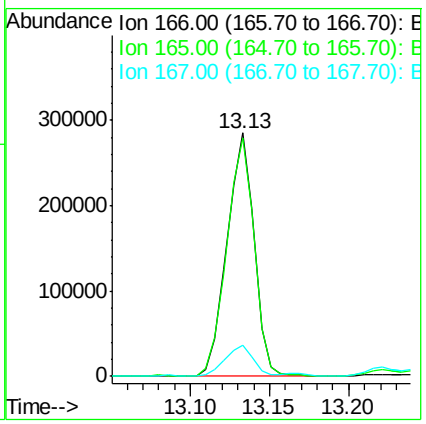


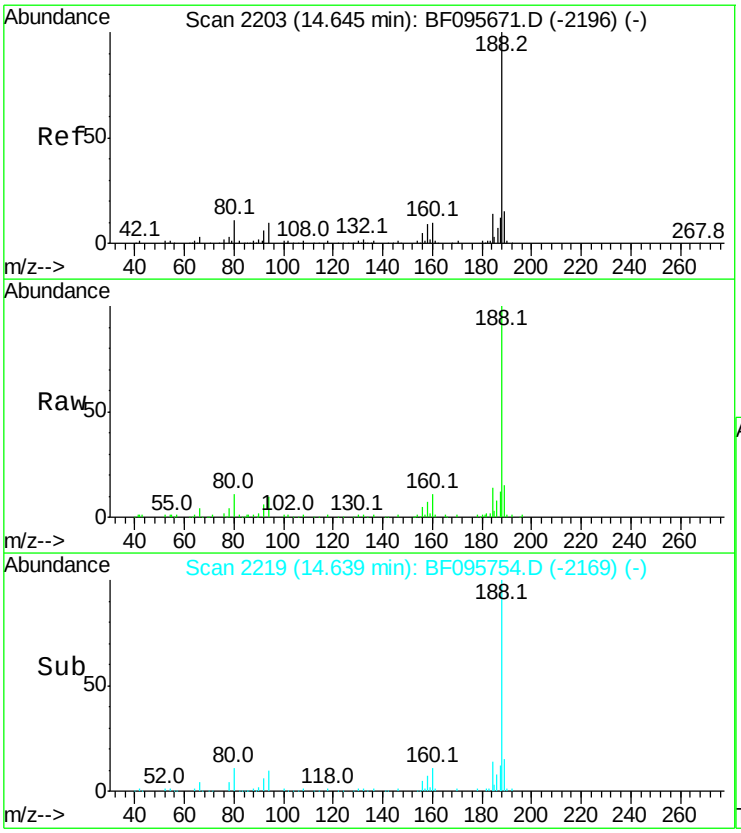
#57
Fluorene
Concen: 37.75 ng
RT: 13.13 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 339577

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.8	118.2
167	12.8	10.6	16.0

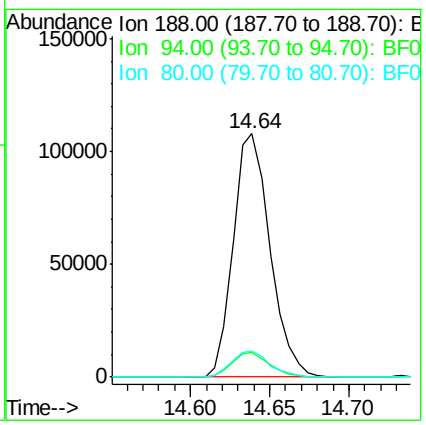


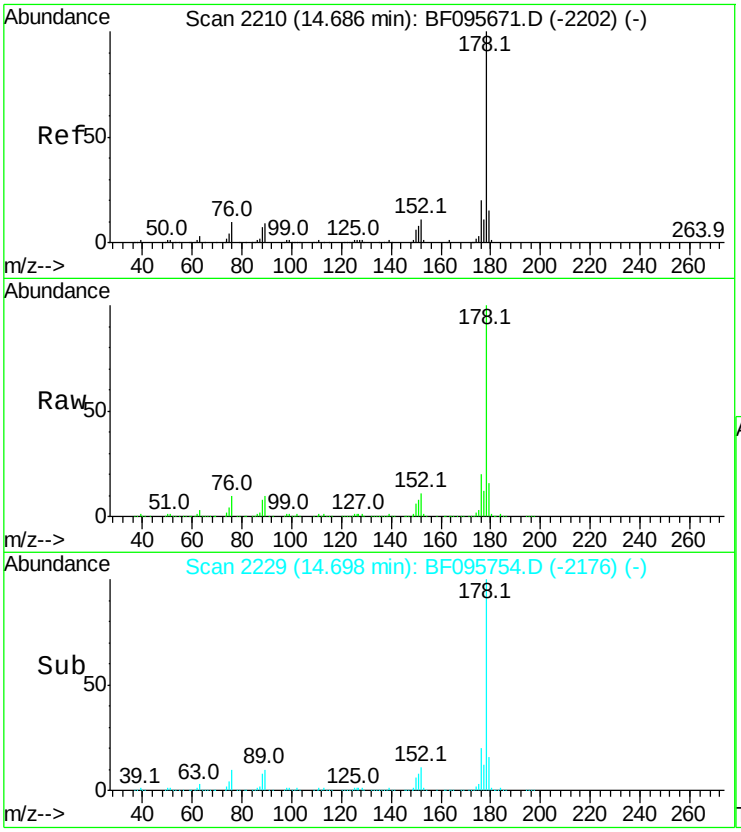


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:188 Resp: 172995

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.7	10.2	15.2



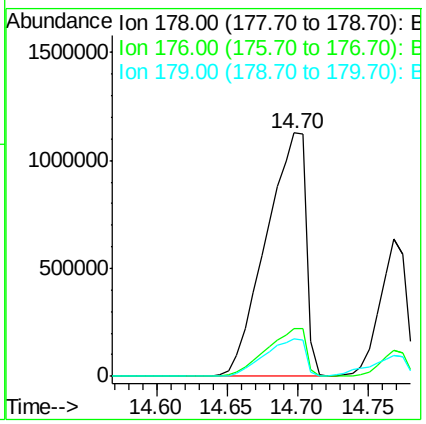


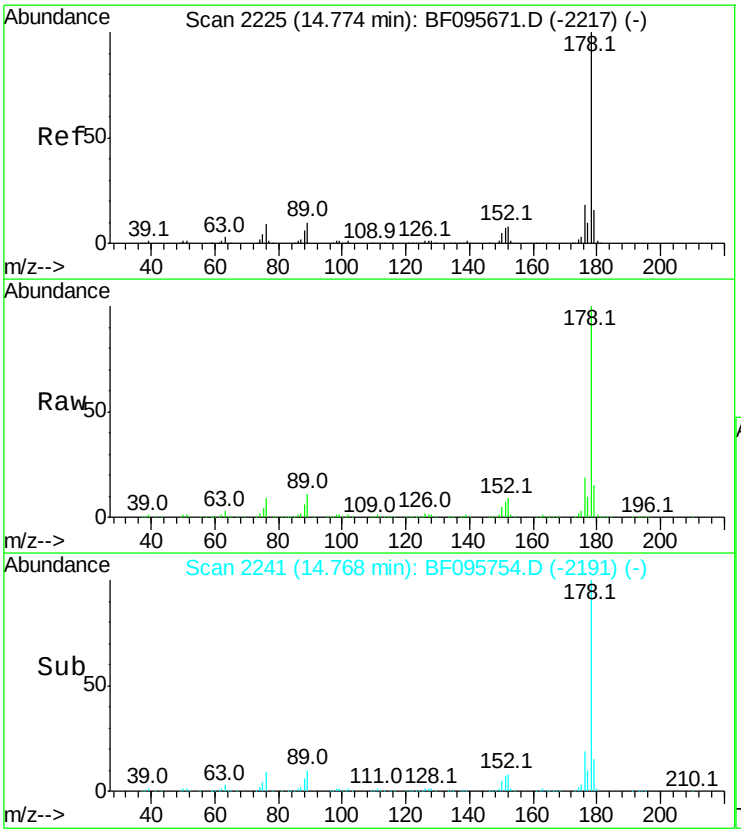
#70
Phenanthrene
Concen: 223.75 ng
RT: 14.70 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2233435

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.6	12.6	19.0

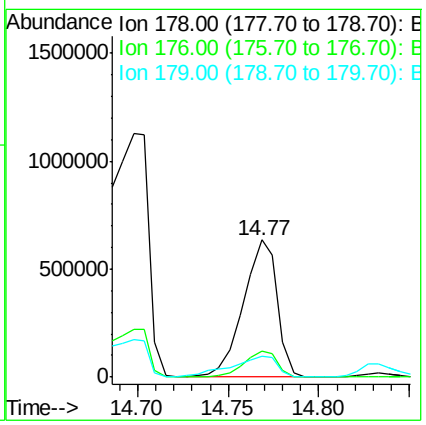


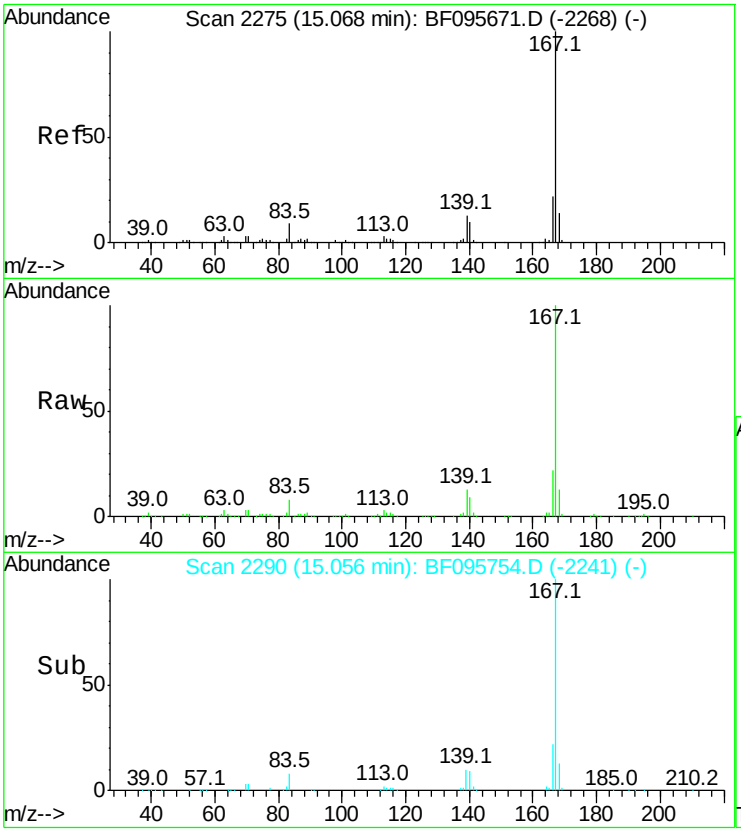


#71
Anthracene
Concen: 78.80 ng
RT: 14.77 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:178 Resp: 821166

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.4	12.7	19.1



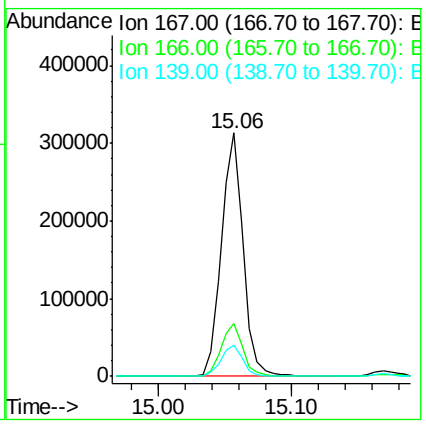


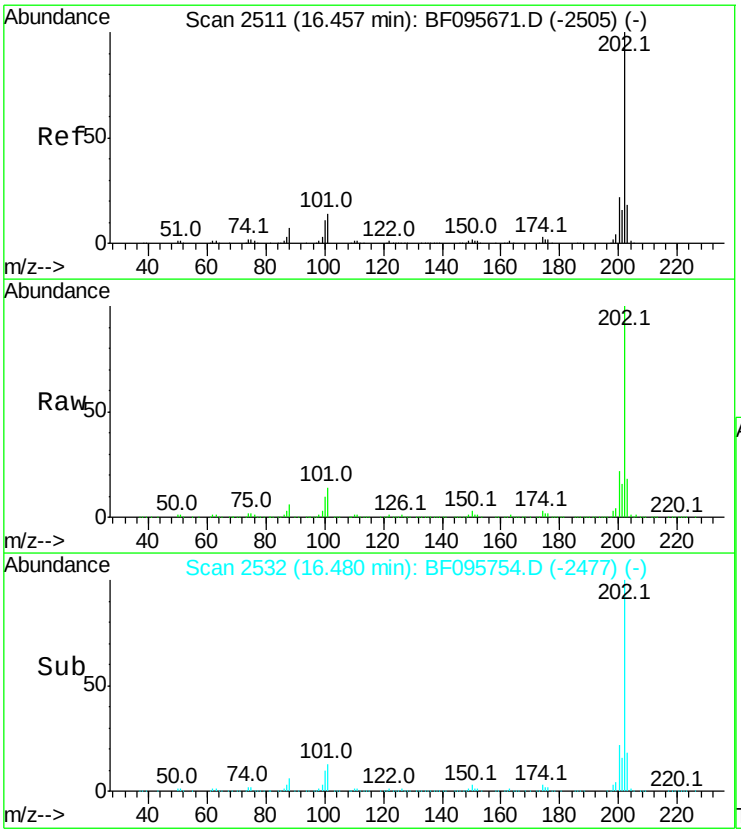
#72
Carbazole
Concen: 35.35 ng
RT: 15.06 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 358936

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	12.8	11.7	17.5

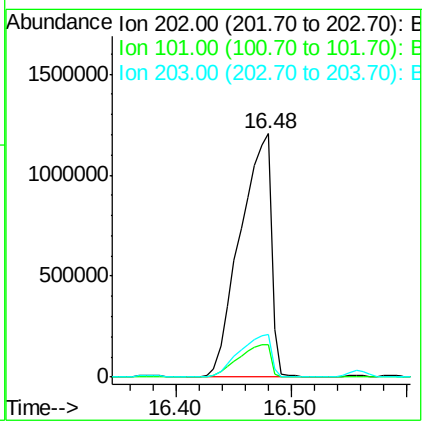


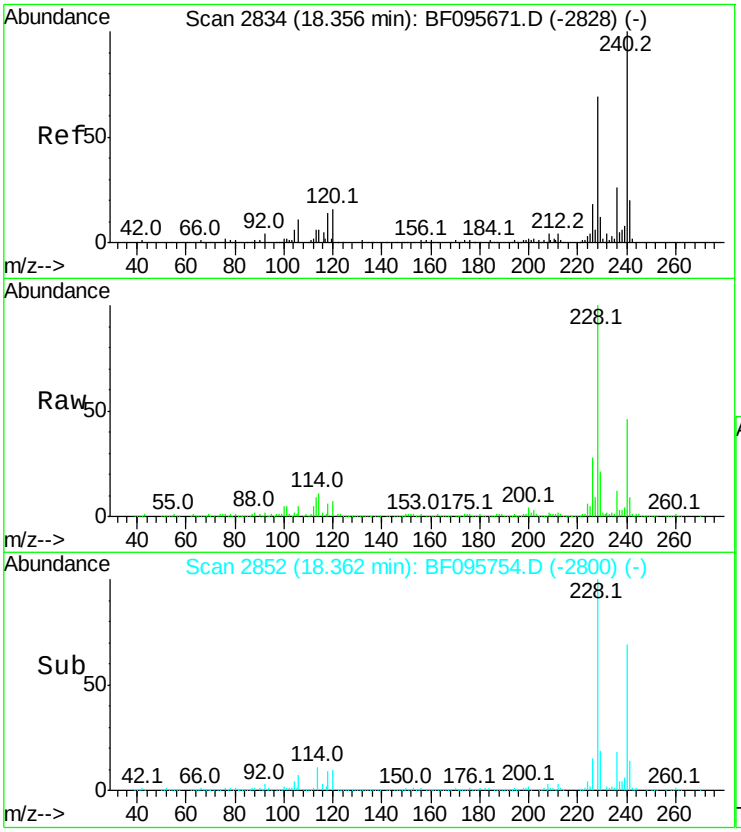


#74
Fluoranthene
Concen: 230.01 ng
RT: 16.48 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:202 Resp: 2272424

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.8	0.0	38.1



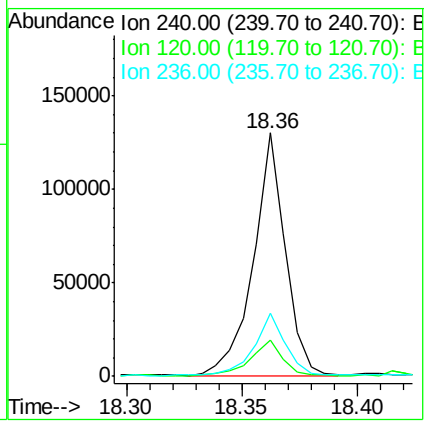


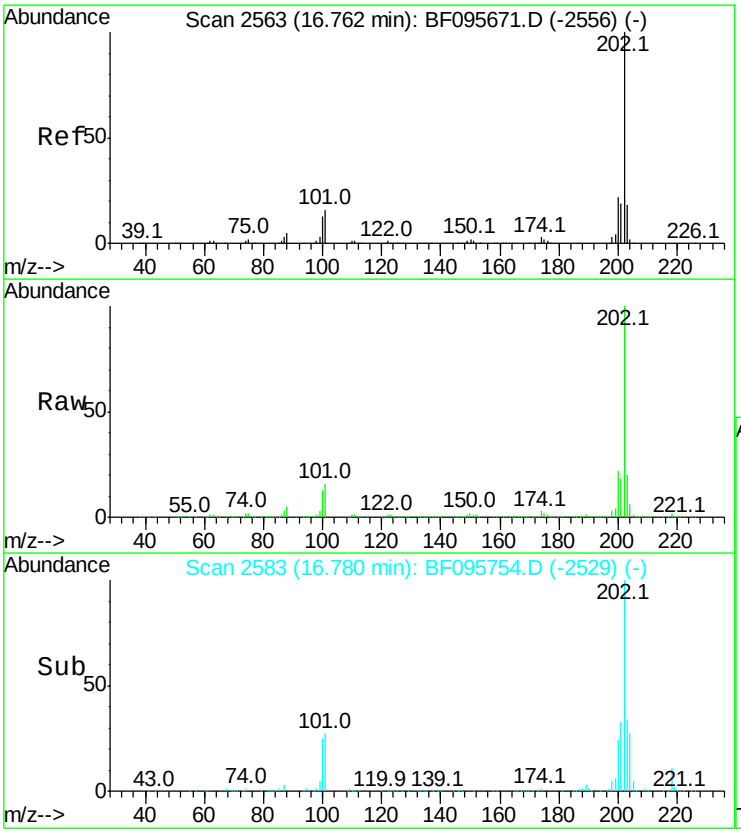
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.36 min Scan# 2852
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 124927

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.9	20.5	30.7

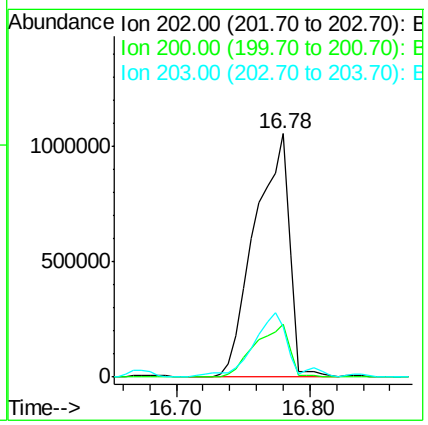


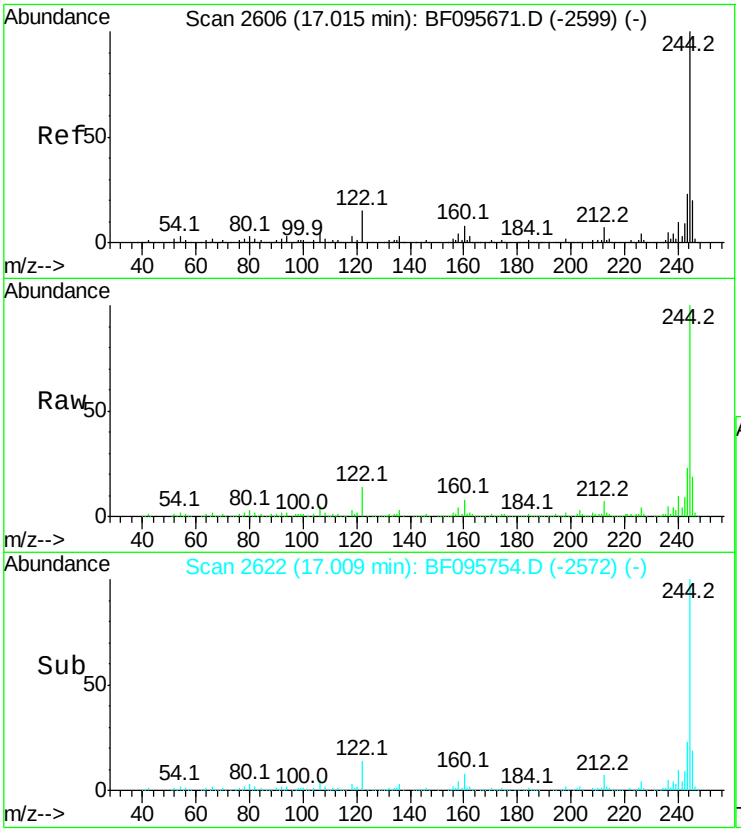


#77
Pyrene
Concen: 202.73 ng
RT: 16.78 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:202 Resp: 1889729

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	20.5	14.4	21.6



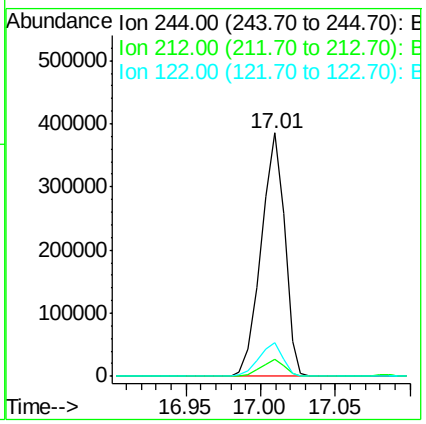


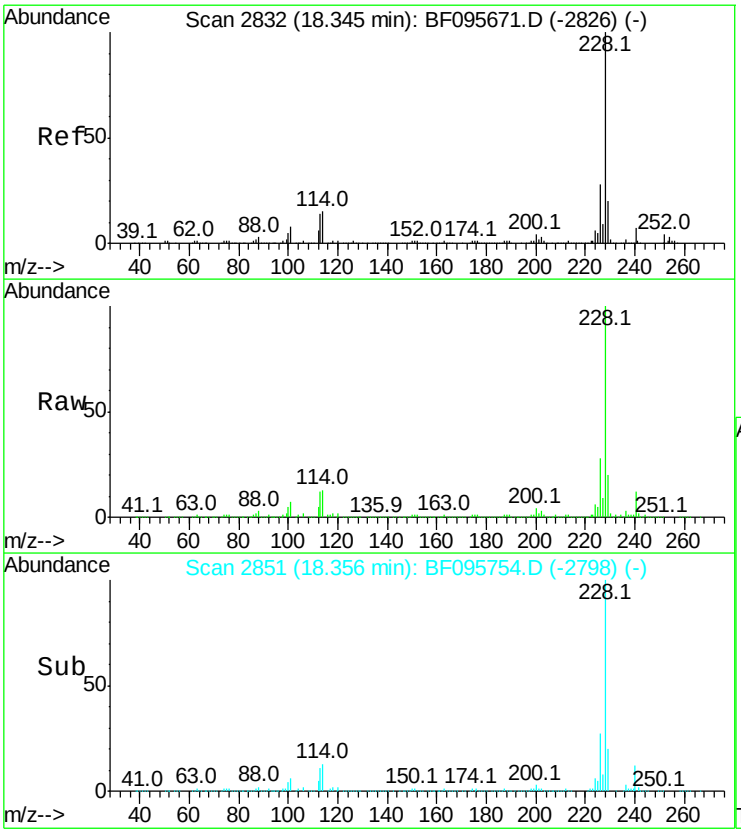
#78
Terphenyl-d14
Concen: 83.01 ng
RT: 17.01 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 417877

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.8	10.3	15.5

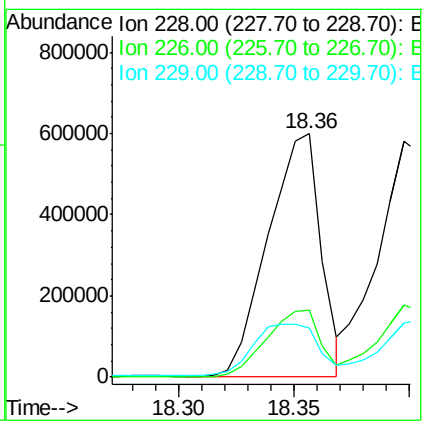


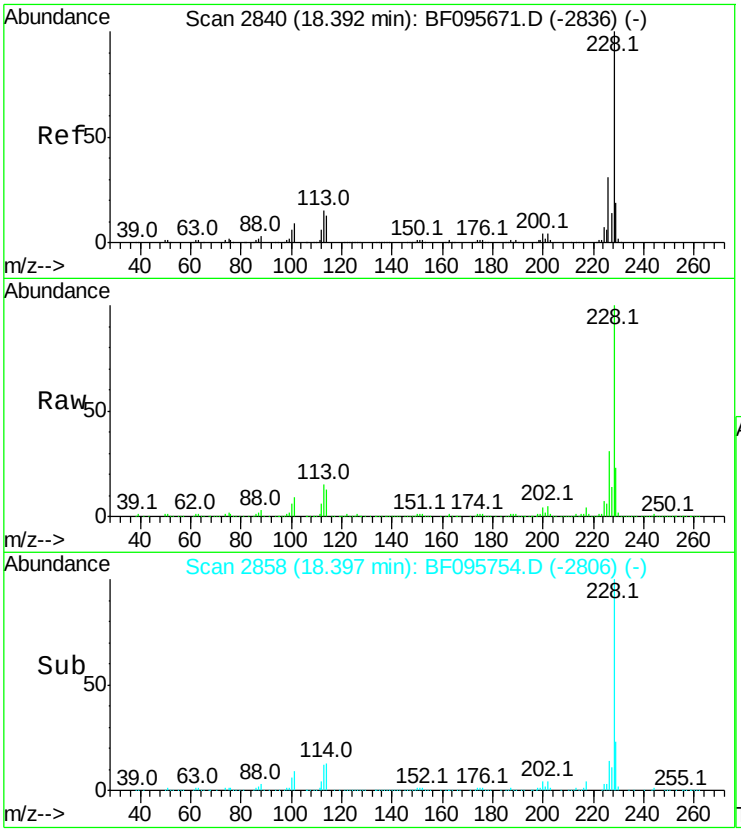


#80
Benzo(a)anthracene
Concen: 130.20 ng
RT: 18.36 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:228 Resp: 945654

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.3	16.3	24.5



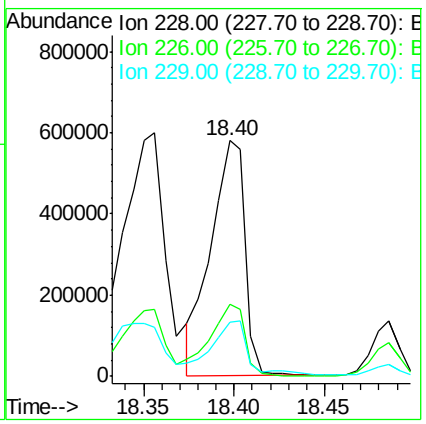


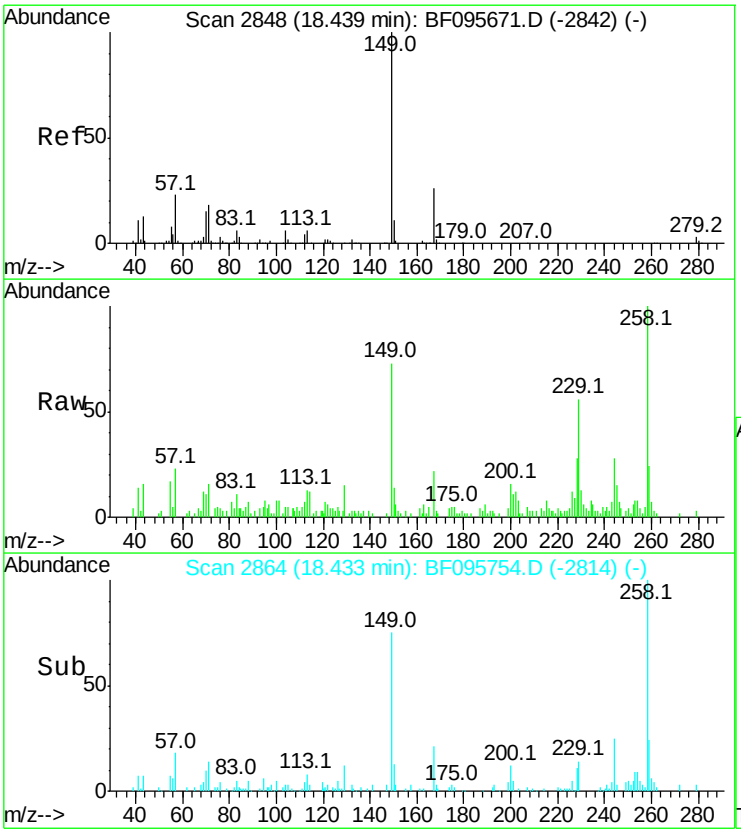
#82
Chrysene
Concen: 104.44 ng
RT: 18.40 min Scan# 2858
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 758102

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	23.2	15.8	23.6

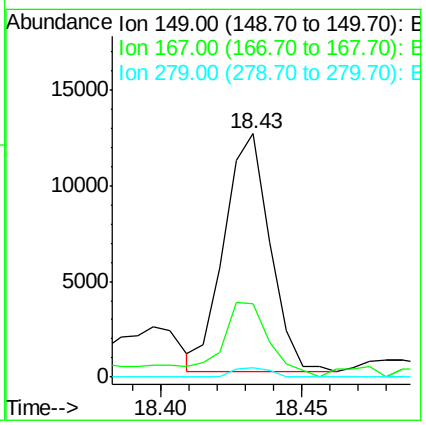


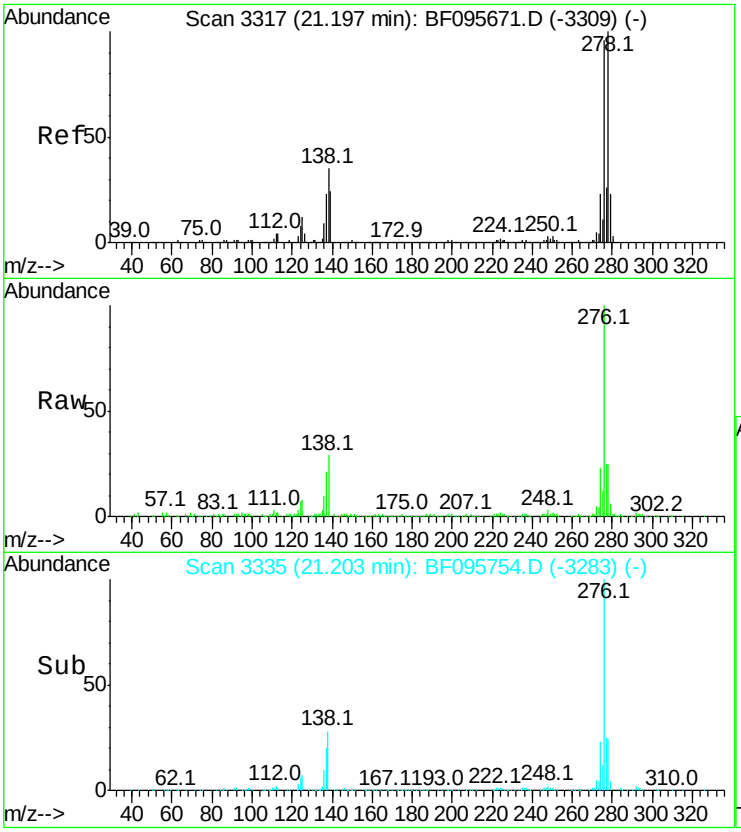


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.44 ng
RT: 18.43 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:149 Resp: 13989

Ion	Ratio	Lower	Upper
149	100		
167	30.0	21.0	31.4
279	3.9	1.9	2.9#



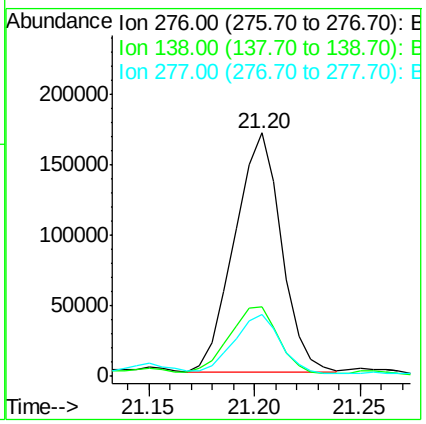


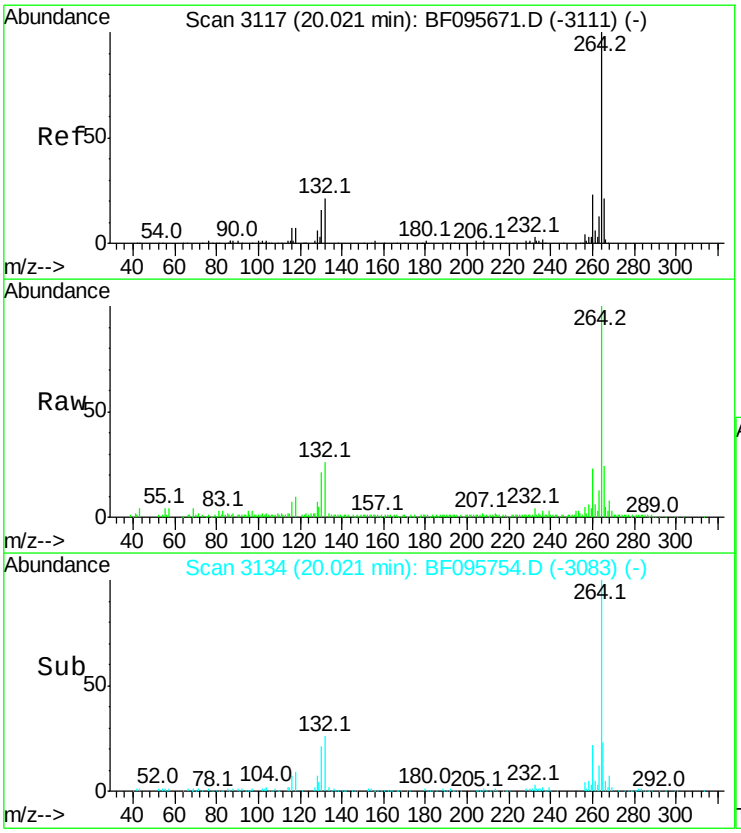
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.85 ng
RT: 21.20 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 259908

Ion	Ratio	Lower	Upper
276	100		
138	30.9	27.8	41.6
277	25.3	20.2	30.4

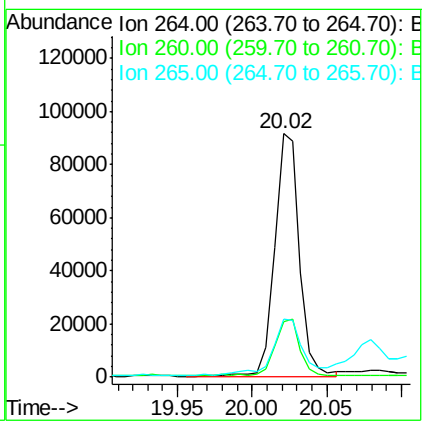


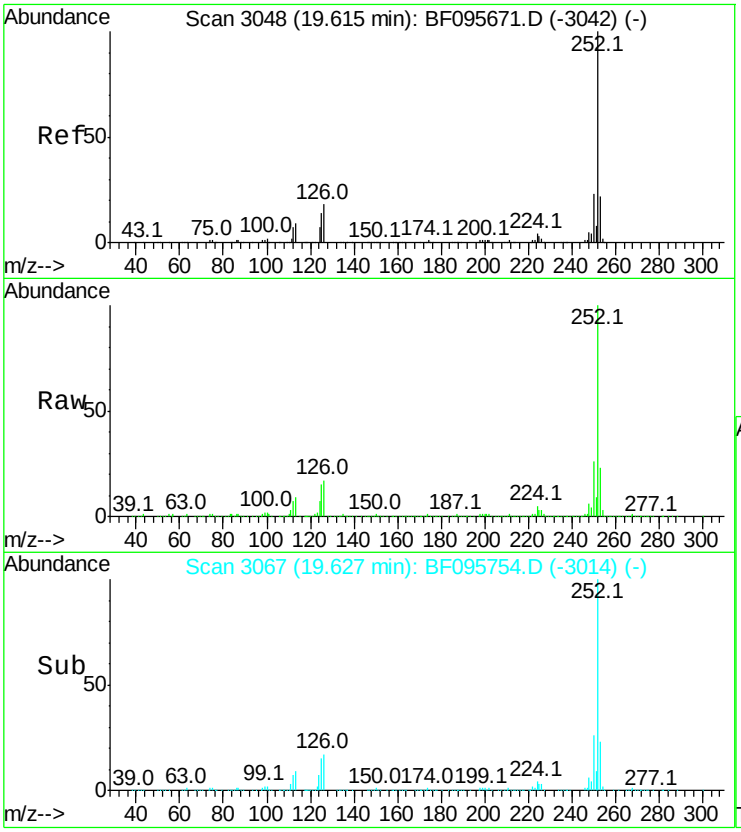


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:264 Resp: 107030

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	23.7	17.2	25.8



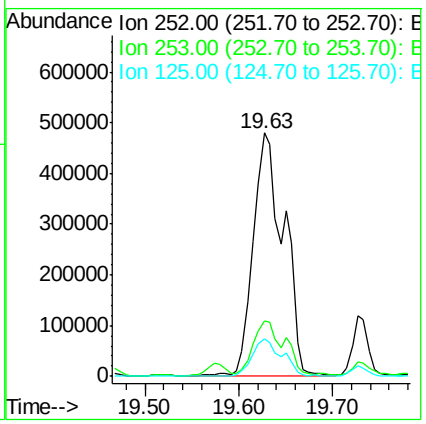


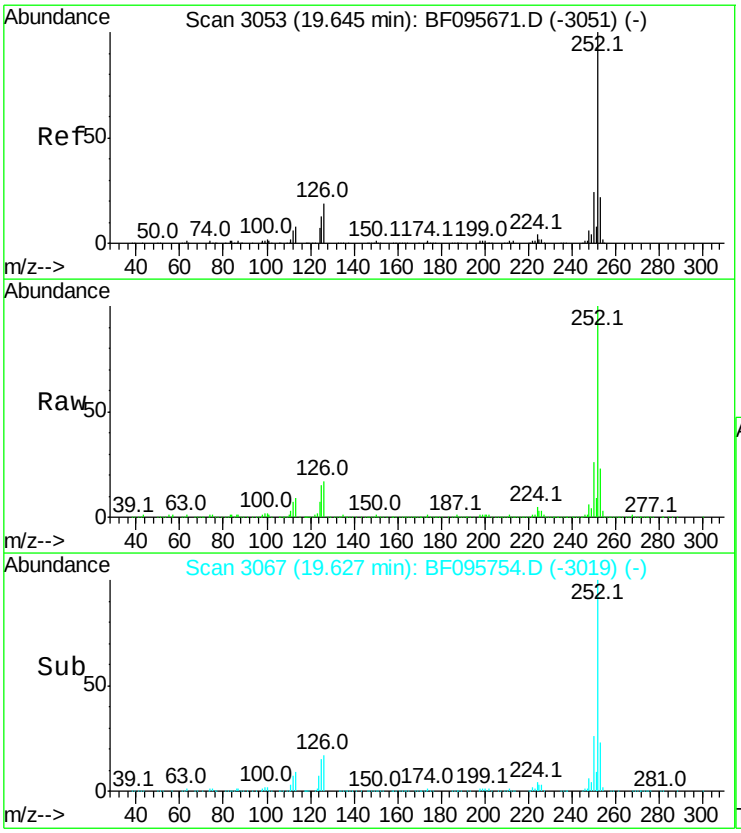
#87
Benzo(b)fluoranthene
Concen: 160.65 ng
RT: 19.63 min Scan# 3067
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1076676

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	15.3	9.8	14.8#

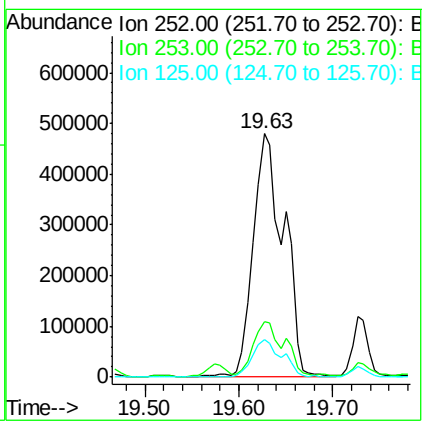


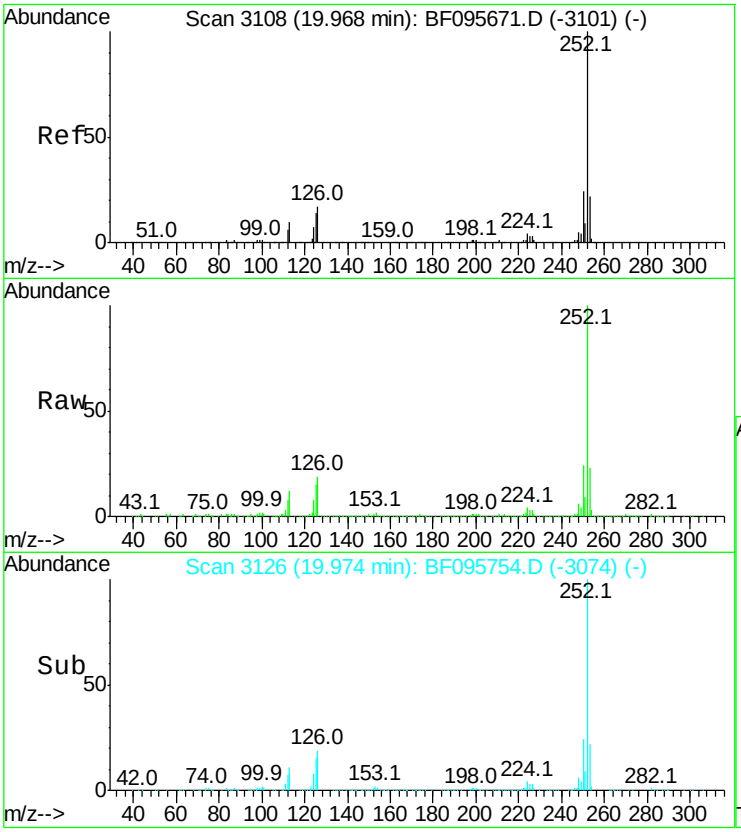


#88
Benzo(k)fluoranthene
Concen: 168.08 ng
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:252 Resp: 1076676

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	15.3	13.1	19.7



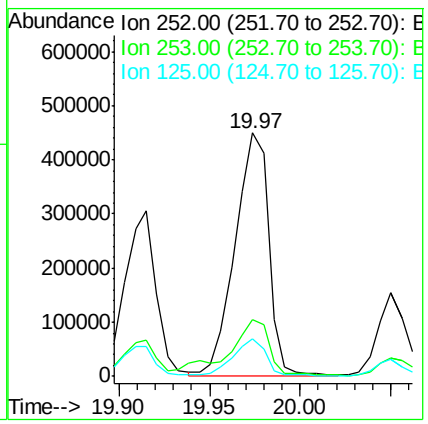


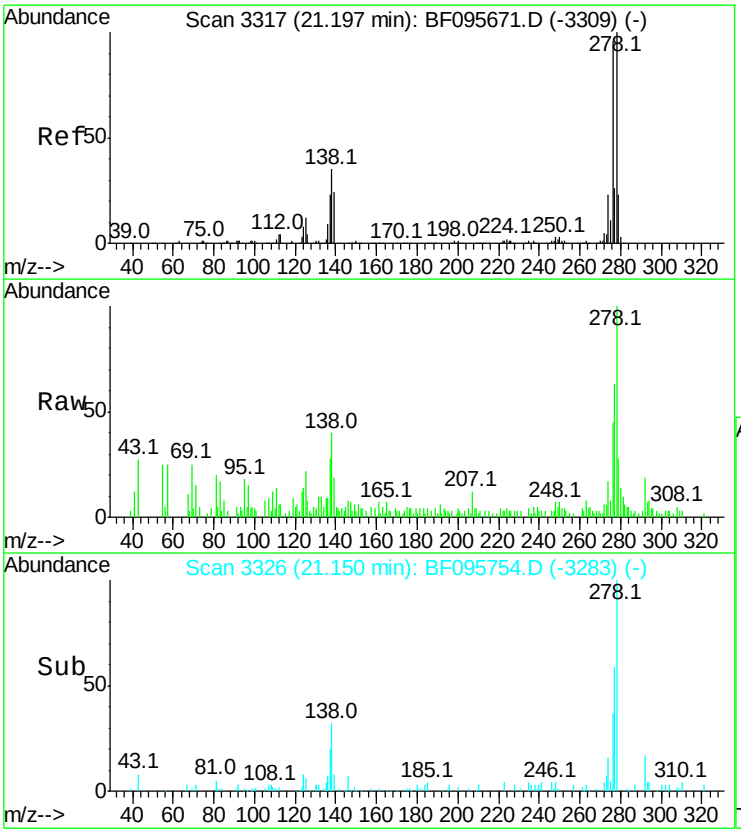
#89
Benzo(a)pyrene
Concen: 94.26 ng
RT: 19.97 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 580605

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	15.4	11.0	16.4

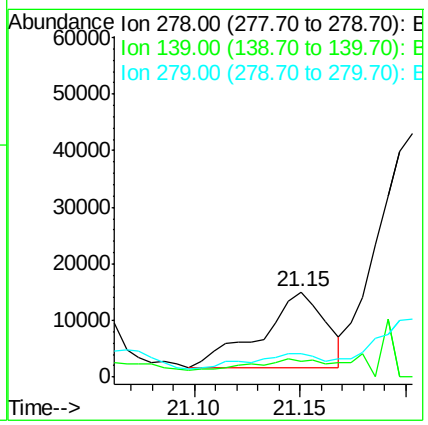


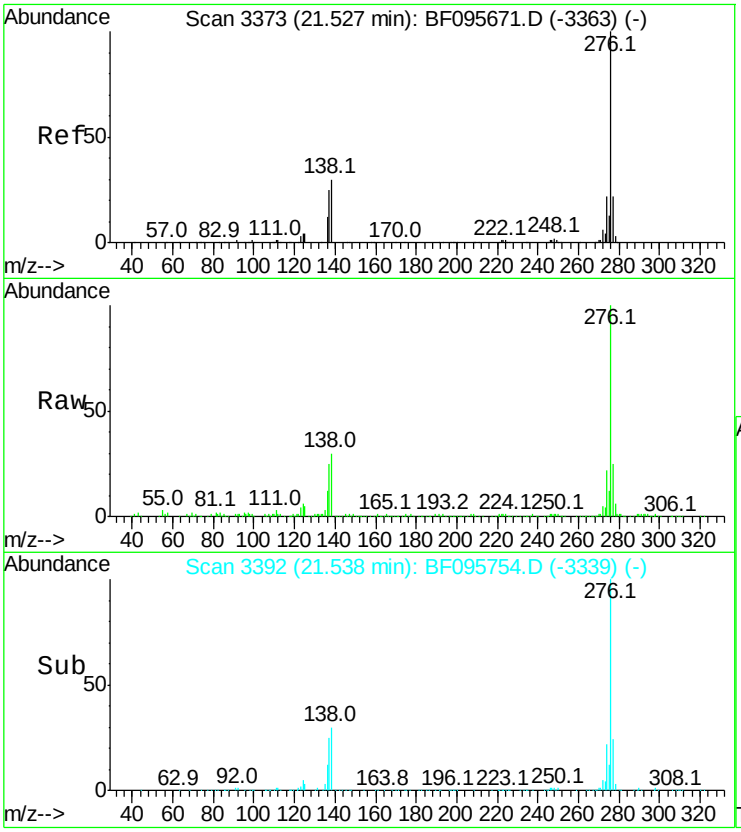


#90
Dibenzo(a,h)anthracene
Concen: 5.41 ng
RT: 21.15 min Scan# 3326
Delta R.T. -0.05 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Tgt Ion:278 Resp: 28269

Ion	Ratio	Lower	Upper
278	100		
139	18.6	16.6	24.8
279	27.6	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 46.61 ng
RT: 21.54 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BF095754.D
Acq: 7 Jun 2017 19:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 248295

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	30.2	25.4	38.0