Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
Data File : BF095893.D
Acq On : 13 Jun 2017 2:35
Operator : SJ/MA
Sample : I3594-01DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 13 05:38:24 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	7.35	152	68864	20.00	ng		-0.05
21) Naphthalene-d8	9.38	136	293152	20.00	ng		-0.05
38) Acenaphthene-d10	12.20	164	132666	20.00	ng		-0.06
63) Phenanthrene-d10	14.59	188	220578	20.00	ng		-0.05
75) Chrysene-d12	18.32	240	140814	20.00	ng		-0.04
86) Perylene-d12	19.99	264	135007	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	22600	5.23	ng		0.04
7) Phenol-d6	6.99	99	34424	6.65	ng		0.03
23) Nitrobenzene-d5	8.32	82	33009	6.99	ng		0.00
41) 2,4,6-Tribromophenol	13.52	330	11130	9.48	ng		-0.03
44) 2-Fluorobiphenyl	11.16	172	77700	8.15	ng		-0.05
78) Terphenyl-d14	16.97	244	51695	9.11	ng		-0.05
Target Compounds							Qvalue
31) Naphthalene	9.42	128	244668	16.63	ng		97
32) Benzoic acid	9.42	122	289	5.22	ng	#	1
33) 4-Chloroaniline	9.42	127	31021	5.39	ng	#	35
37) 2-Methylnaphthalene	10.55	142	118068	11.88	ng		97
48) Acenaphthylene	11.98	152	42332	2.90	ng		97
50) 2,6-Dinitrotoluene	12.20	165	16813	7.65	ng	#	31
51) Acenaphthene	12.25	154	63926	7.58	ng		96
54) Dibenzofuran	12.56	168	41488	3.49	ng		97
55) 4-Nitrophenol	12.64	139	548	4.97	ng	#	25
57) Fluorene	13.10	166	91452	8.85	ng		95
70) Phenanthrene	14.63	178	568275	44.65	ng		98
71) Anthracene	14.72	178	154712	11.64	ng		98
72) Carbazole	15.03	167	52079	4.02	ng		96
74) Fluoranthene	16.42	202	508367	40.36	ng		99
77) Pyrene	16.72	202	437876	41.68	ng	#	93
80) Benzo(a)anthracene	18.30	228	179785	21.96	ng		99
82) Chrysene	18.35	228	156871	19.17	ng		98
85) Indeno(1,2,3-cd)pyrene	21.16	276	106218	15.17	ng		93
87) Benzo(b)fluoranthene	19.58	252	230596	27.28	ng		97
88) Benzo(k)fluoranthene	19.58	252	230596	28.54	ng		96
89) Benzo(a)pyrene	19.93	252	170273	21.91	ng		99
91) Benzo(g,h,i)perylene	21.49	276	92157	13.71	ng		96

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

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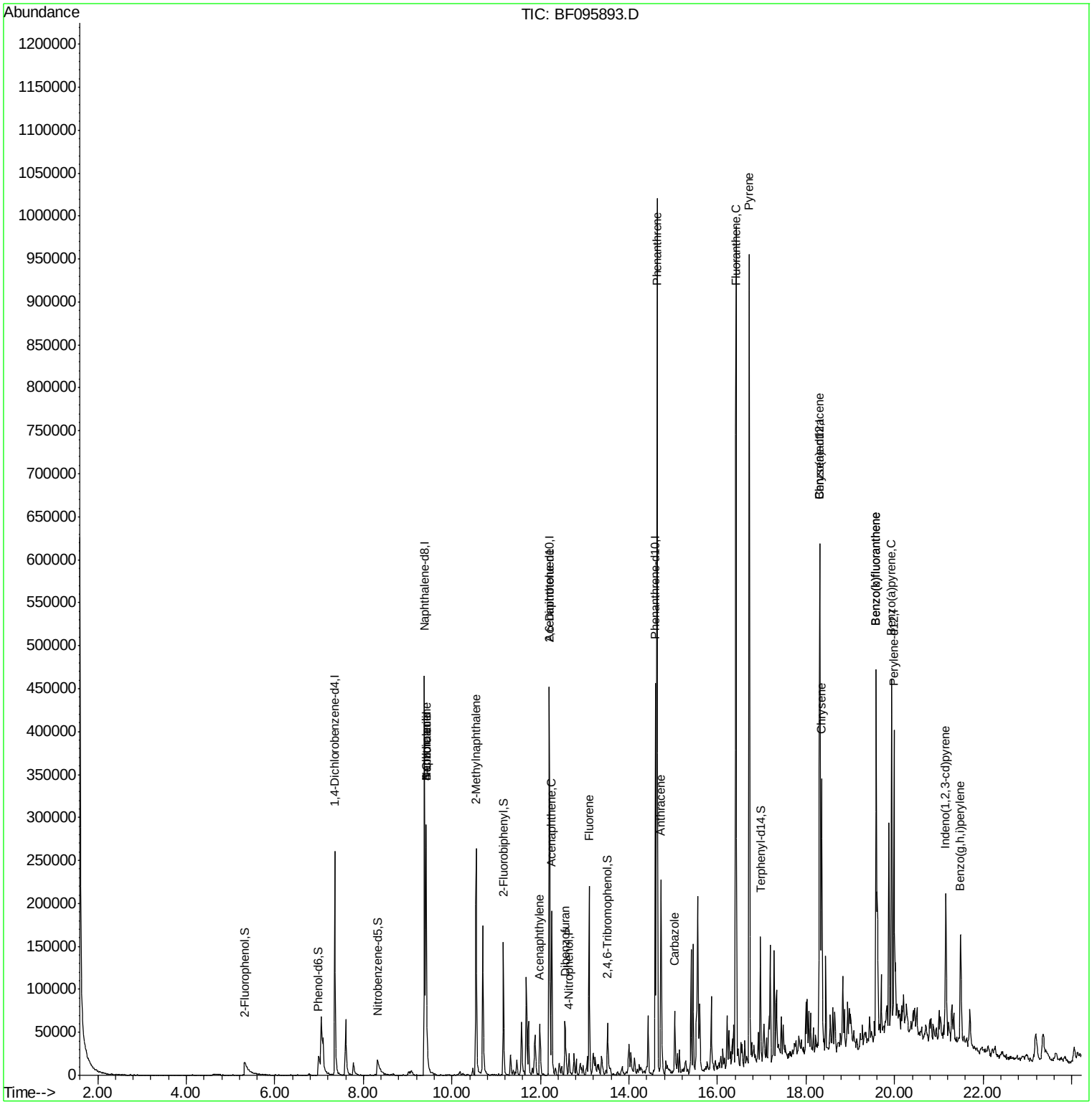
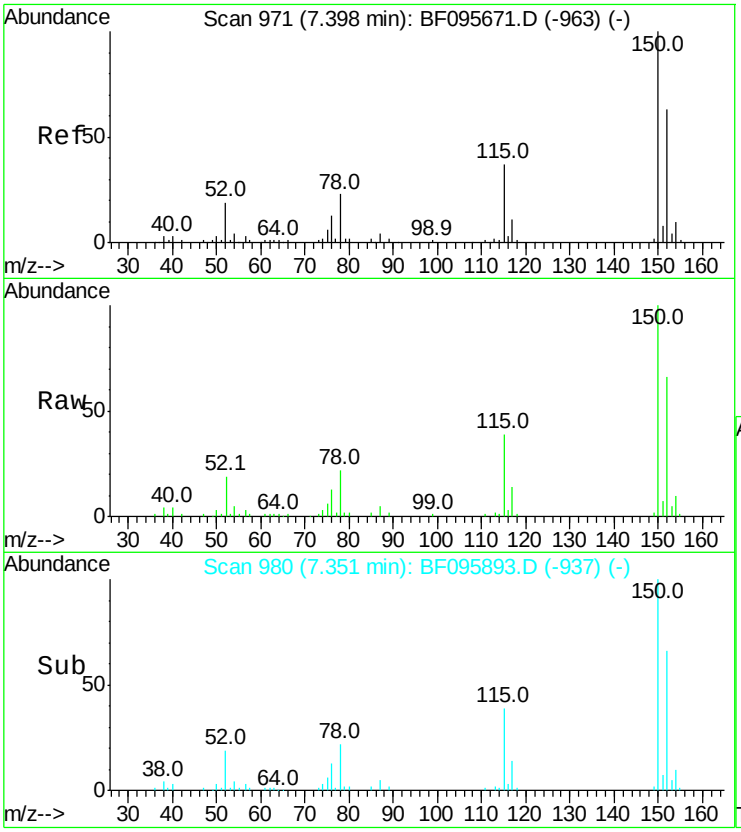


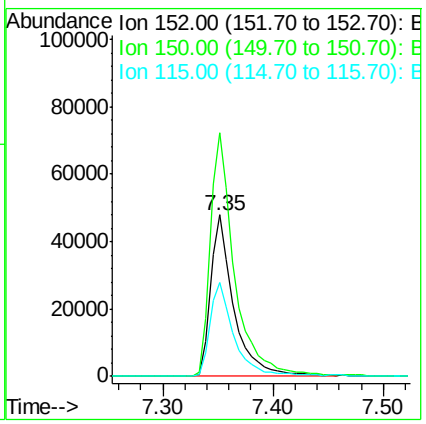


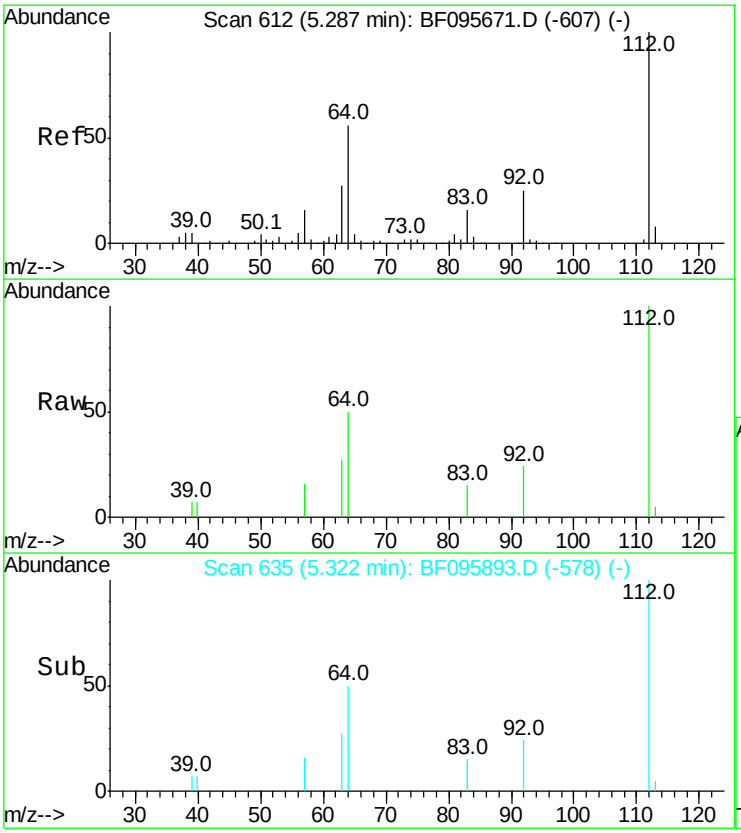
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 68864

Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.2	189.2
115	58.3	52.2	78.2

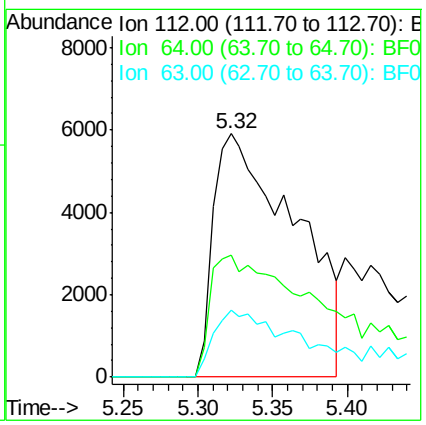


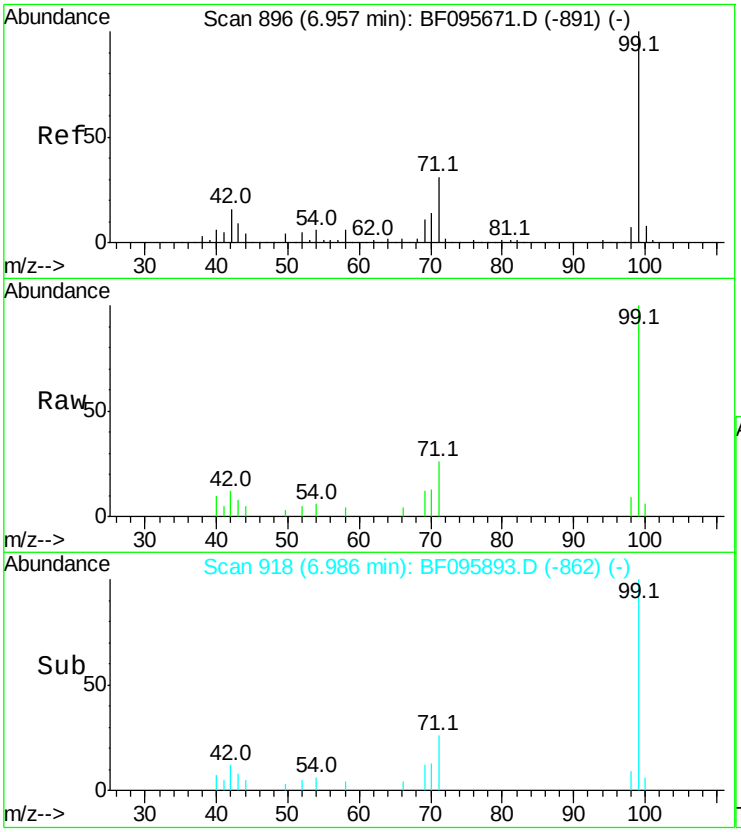


#5
2-Fluorophenol
Concen: 5.23 ng
RT: 5.32 min Scan# 635
Delta R.T. 0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:112 Resp: 22600

Ion	Ratio	Lower	Upper
112	100		
64	50.2	46.0	69.0
63	27.3	23.4	35.0



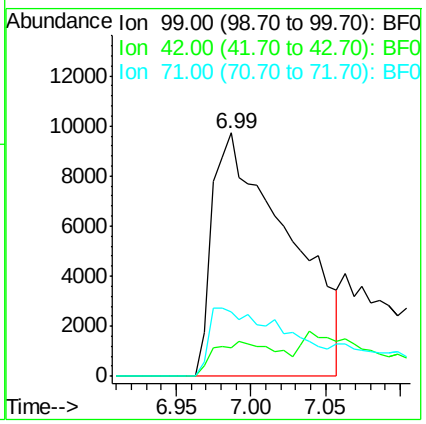


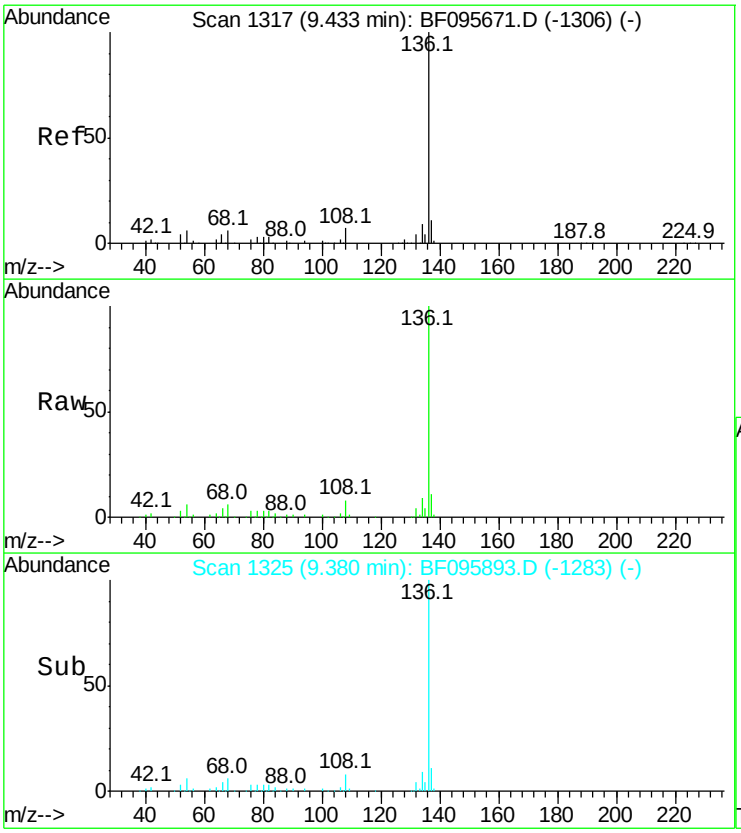
#7
Phenol-d6
Concen: 6.65 ng
RT: 6.99 min Scan# 918
Delta R.T. 0.03 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 34424

Ion	Ratio	Lower	Upper
99	100		
42	11.9	13.5	20.3#
71	26.3	24.5	36.7

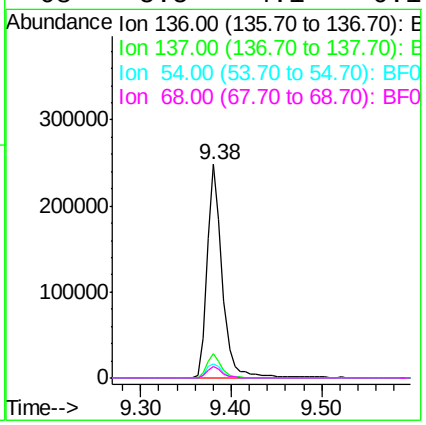


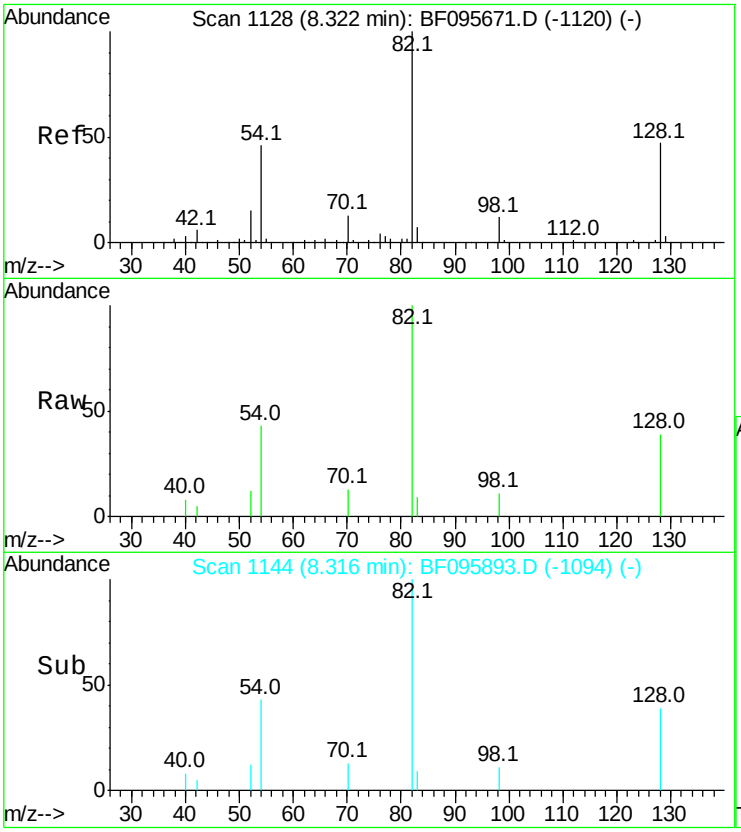


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.38 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:136 Resp: 293152

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	6.5	4.9	7.3
68	5.5	4.1	6.1

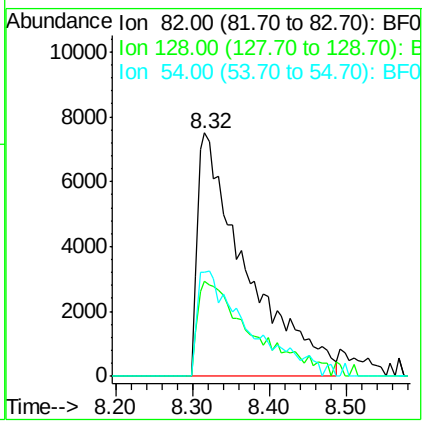




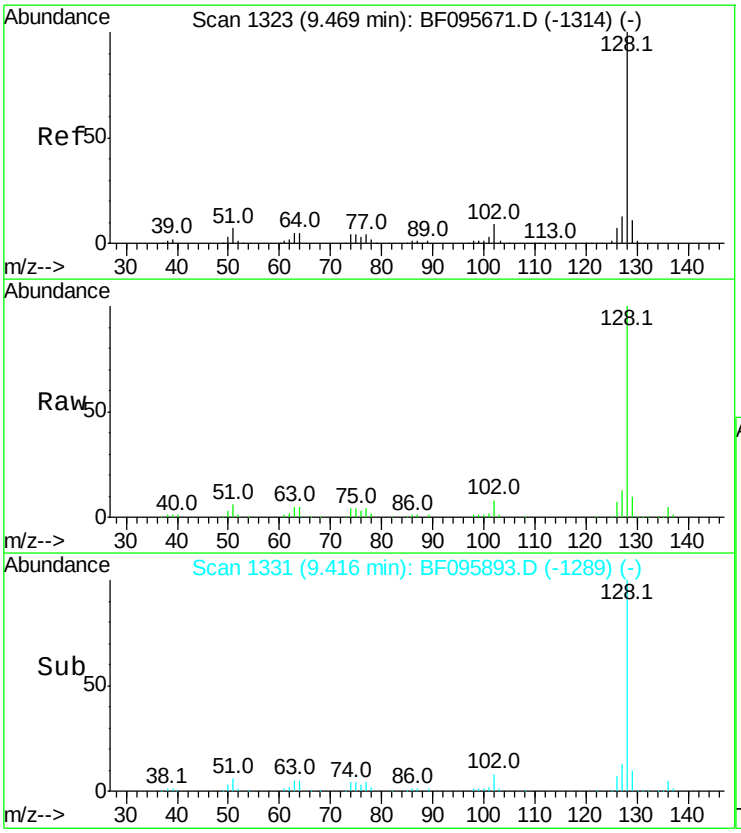
#23
Nitrobenzene-d5
Concen: 6.99 ng
RT: 8.32 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion: 82 Resp: 33009

Ion	Ratio	Lower	Upper
82	100		
128	39.0	34.0	51.0
54	43.0	42.2	63.2



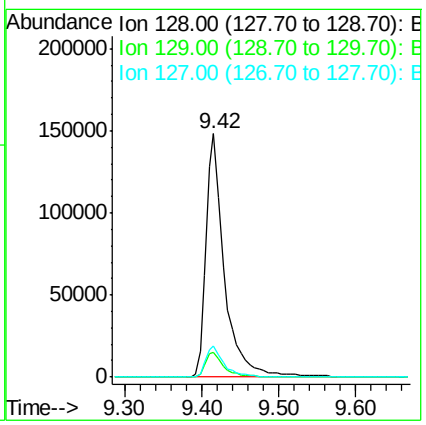
Instrument :
BNA_F
ClientSampleId :

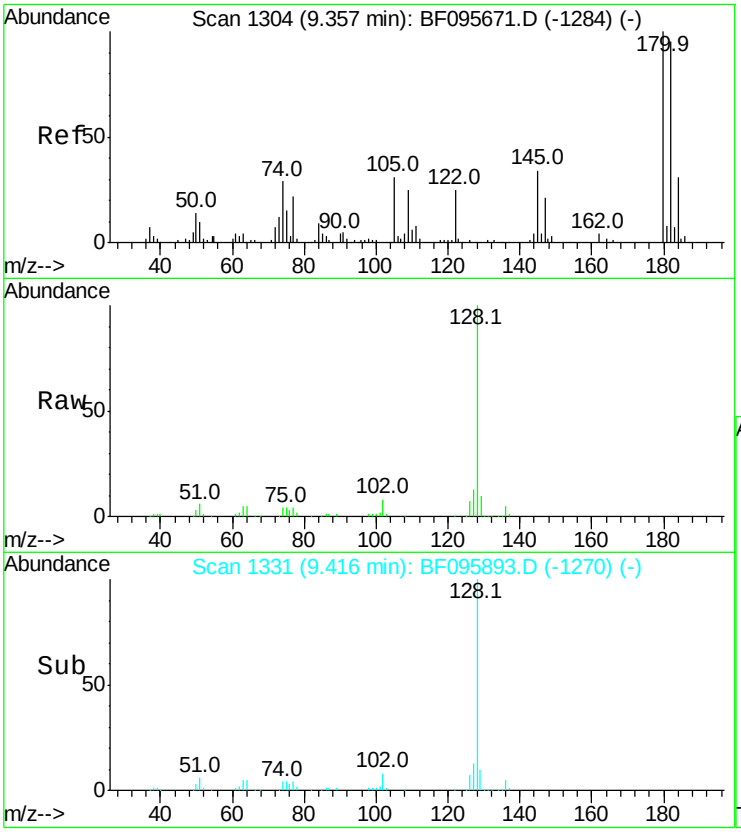


#31
Naphthalene
Concen: 16.63 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:128 Resp: 244668

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.0	13.6
127	12.7	10.8	16.2



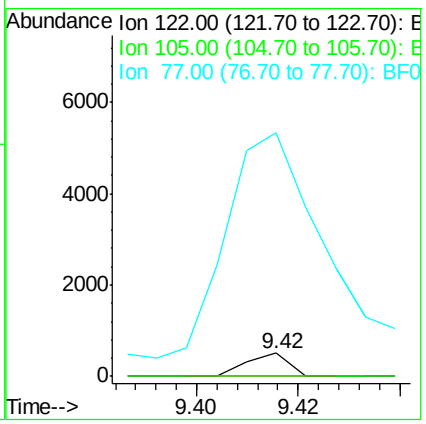


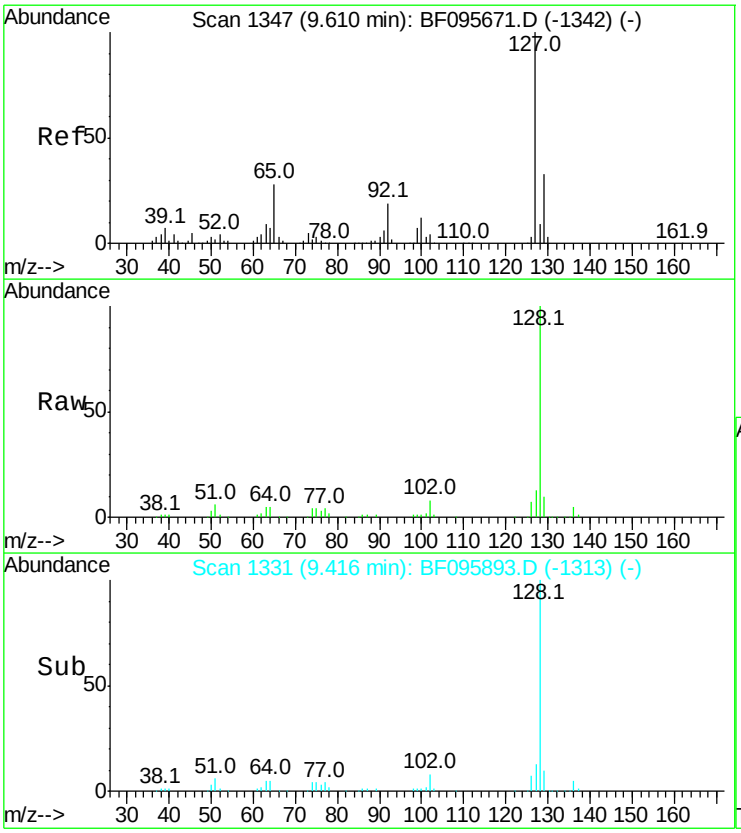
#32
Benzoic acid
Concen: 5.22 ng
RT: 9.42 min Scan# 1331
Delta R.T. 0.06 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 289

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	1052.3	73.7	113.7#

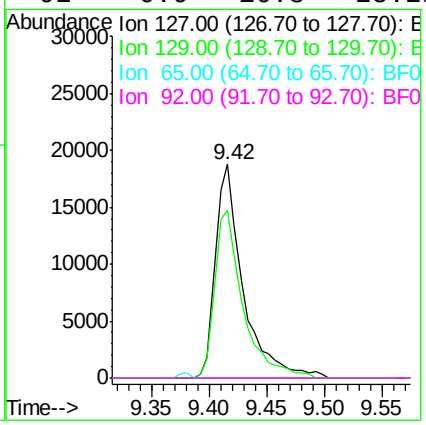


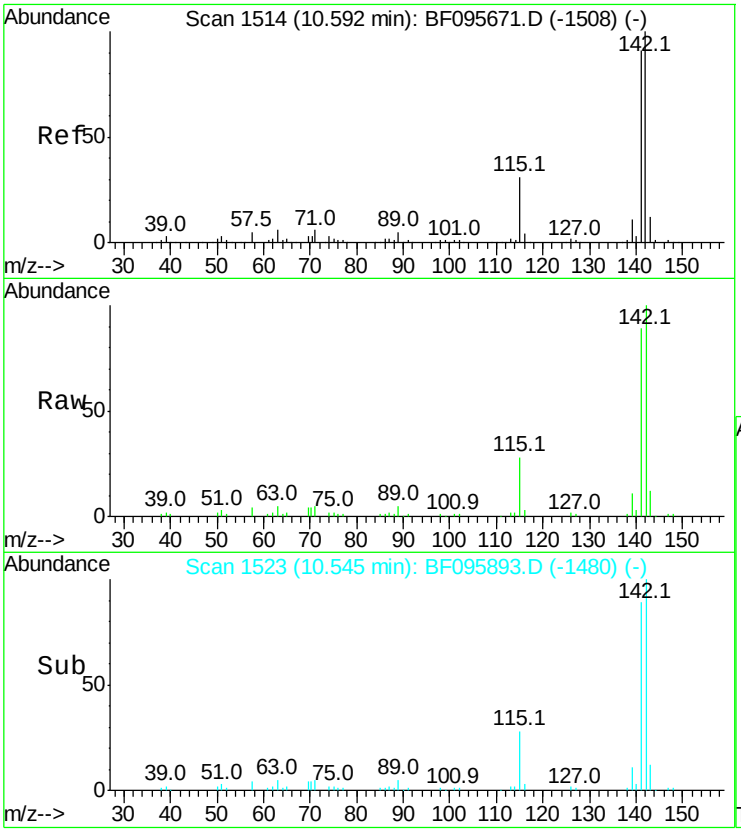


#33
4-Chloroaniline
Concen: 5.39 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:127 Resp: 31021

Ion	Ratio	Lower	Upper
127	100		
129	78.8	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



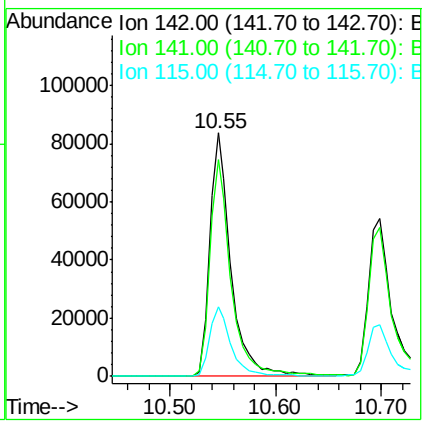


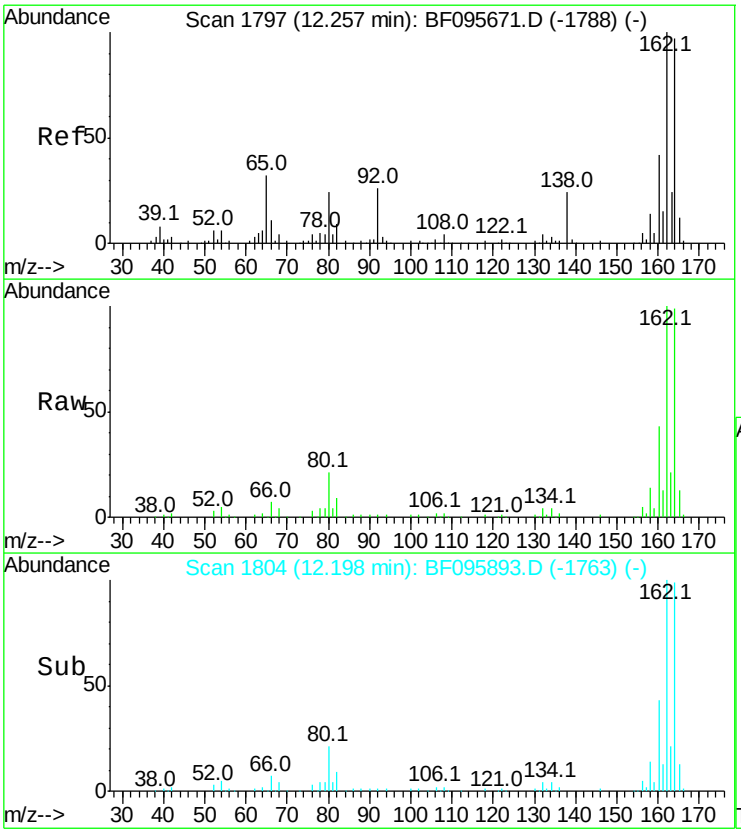
#37
2-Methylnaphthalene
Concen: 11.88 ng
RT: 10.55 min Scan# 1523
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 118068

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	28.4	27.1	40.7

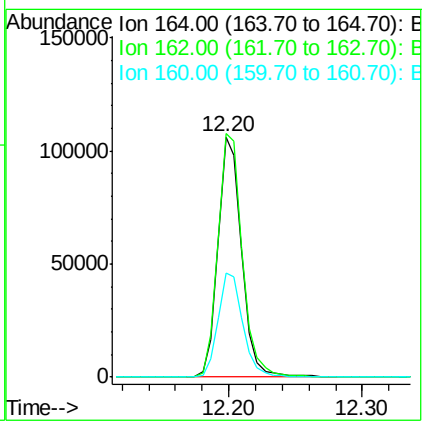


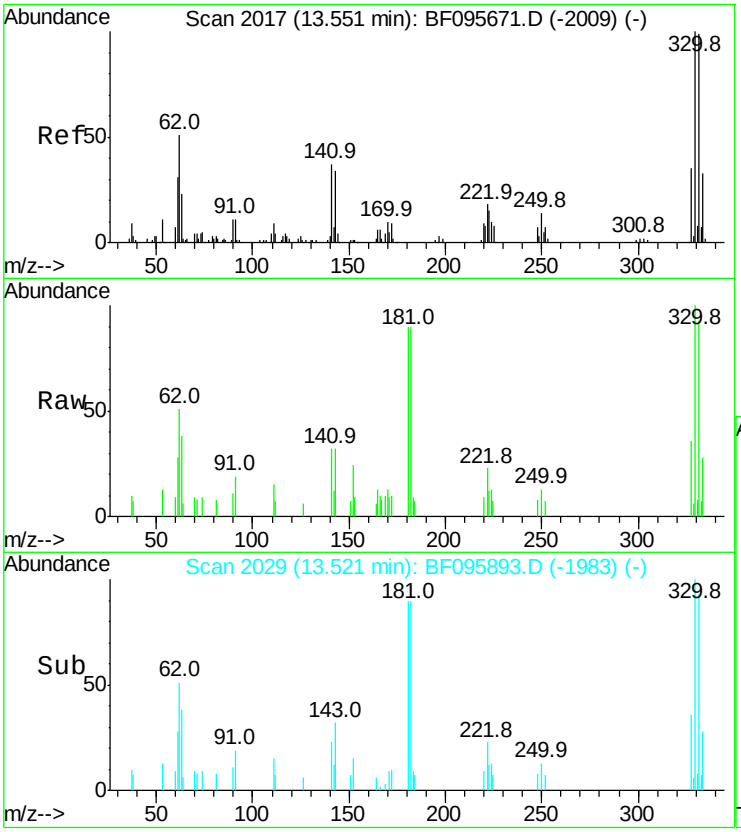


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:164 Resp: 132666

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	43.5	36.2	54.2



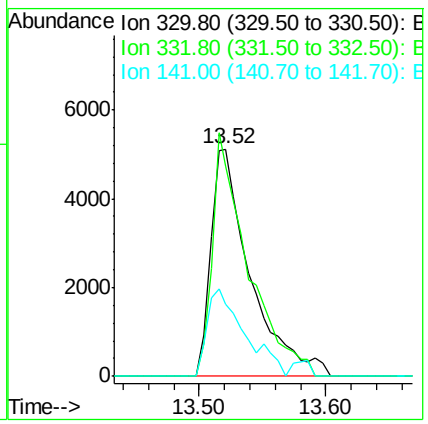


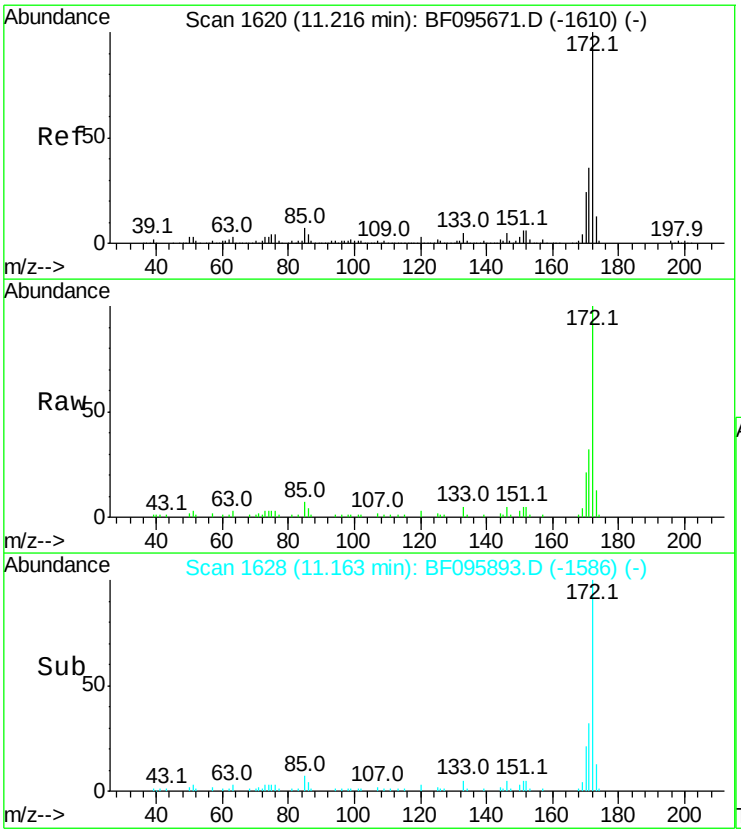
#41
2,4,6-Tribromophenol
Concen: 9.48 ng
RT: 13.52 min Scan# 2029
Delta R.T. -0.03 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 11130

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	36.6	31.4	47.2

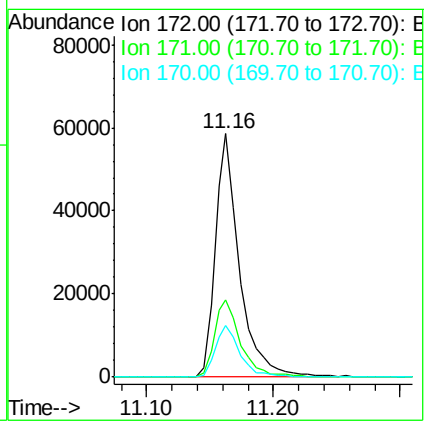


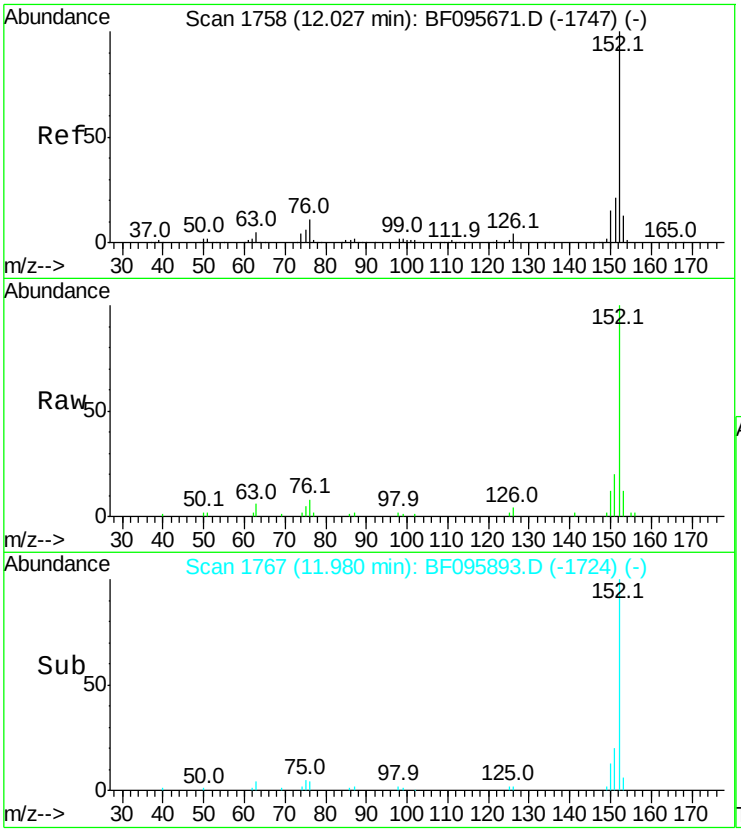


#44
2-Fluorobiphenyl
Concen: 8.15 ng
RT: 11.16 min Scan# 1628
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:172 Resp: 77700

Ion	Ratio	Lower	Upper
172	100		
171	31.6	29.6	44.4
170	21.2	19.8	29.8



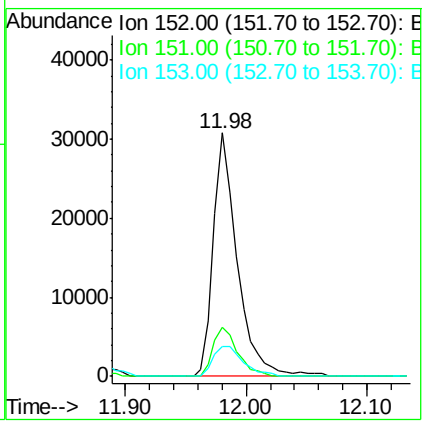


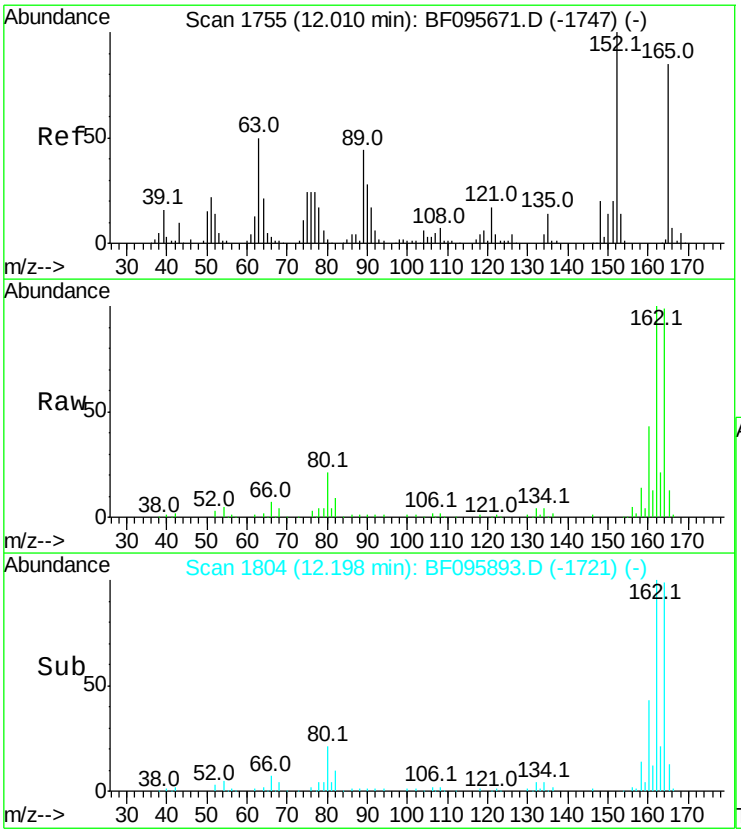
#48
Acenaphthylene
Concen: 2.90 ng
RT: 11.98 min Scan# 1767
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42332

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	12.3	10.8	16.2

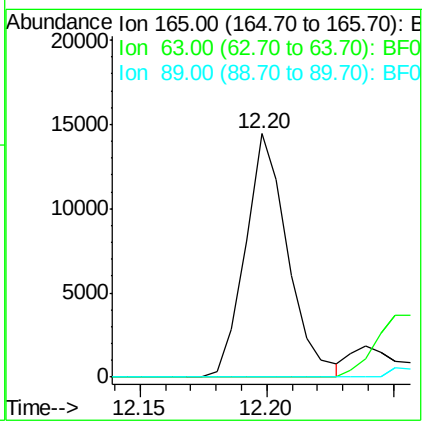


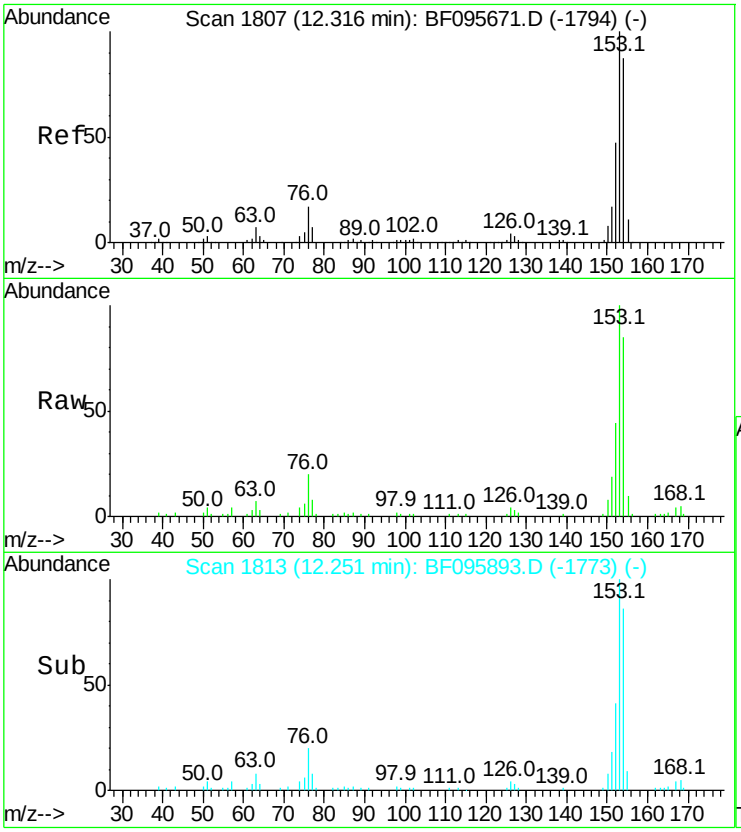


#50
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 12.20 min Scan# 1804
Delta R.T. 0.19 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:165 Resp: 16813

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



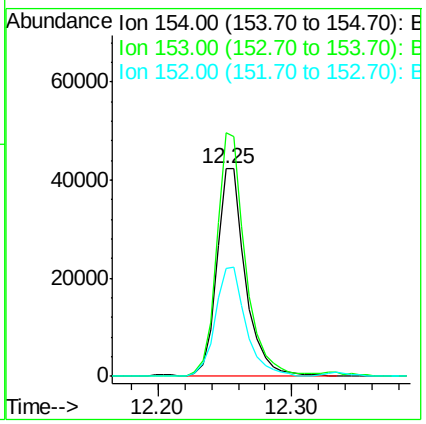


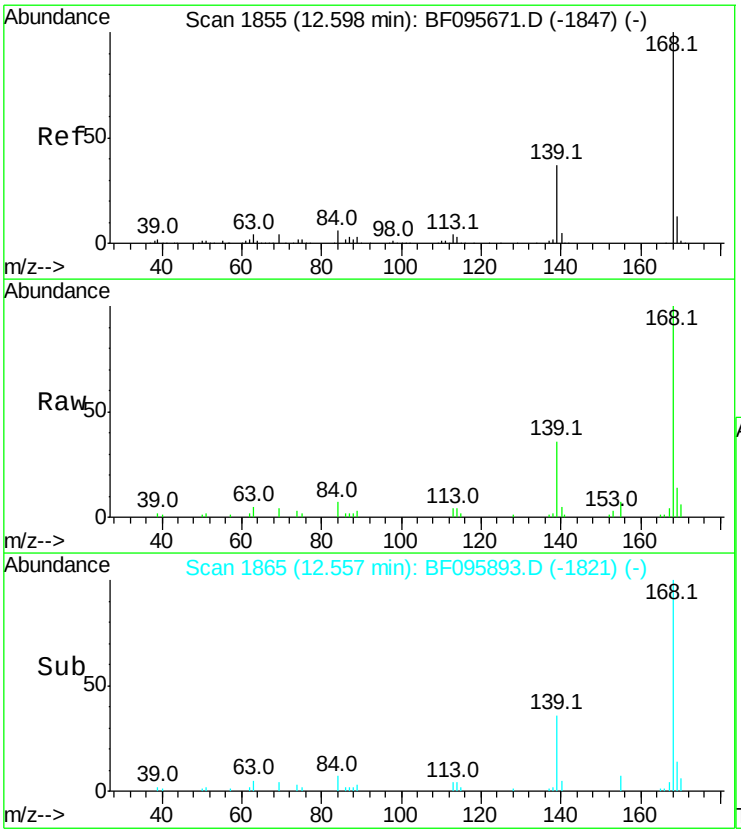
#51
Acenaphthene
Concen: 7.58 ng
RT: 12.25 min Scan# 1813
Delta R.T. -0.06 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 63926

Ion	Ratio	Lower	Upper
154	100		
153	117.3	90.5	135.7
152	52.0	43.6	65.4

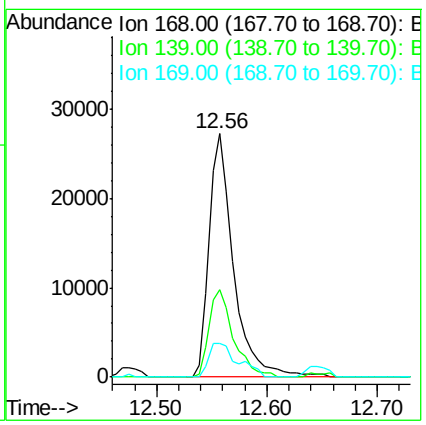


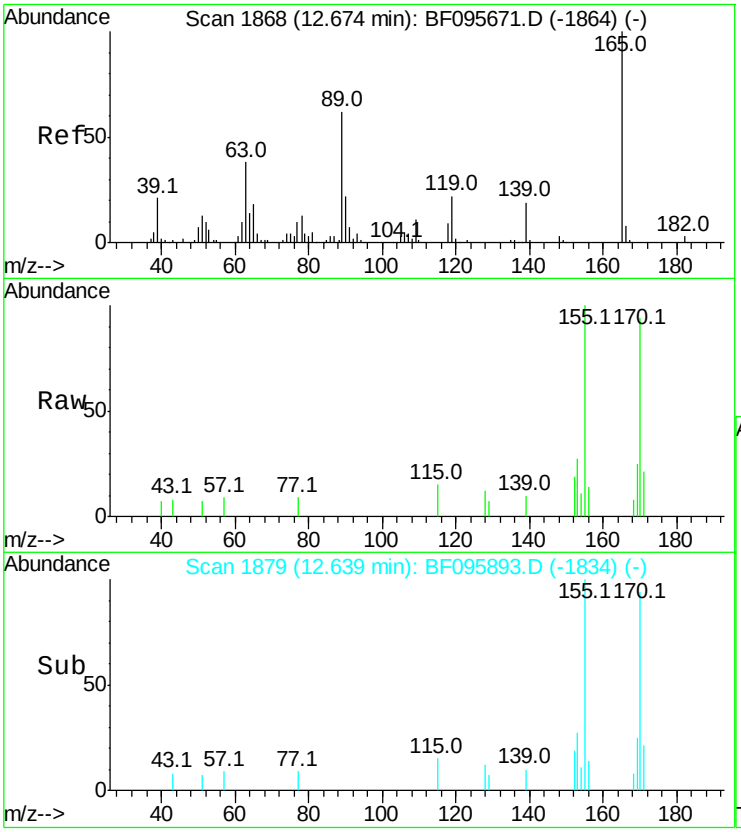


#54
Dibenzofuran
Concen: 3.49 ng
RT: 12.56 min Scan# 1865
Delta R.T. -0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:168 Resp: 41488

Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.6	45.8
169	13.9	10.8	16.2



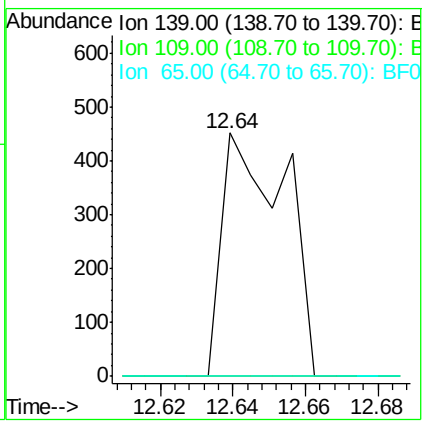


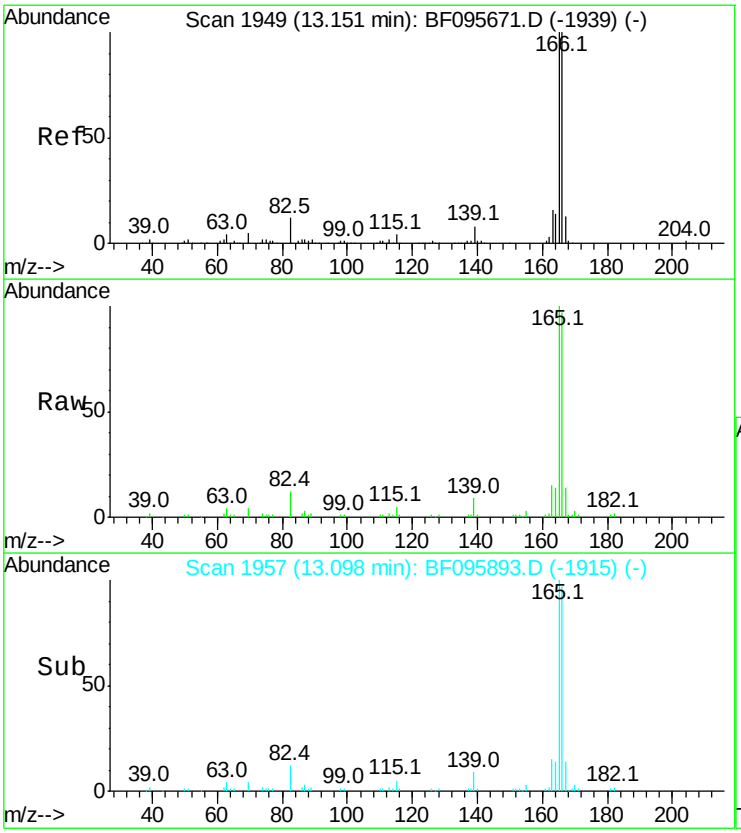
#55
4-Nitrophenol
Concen: 4.97 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 548

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

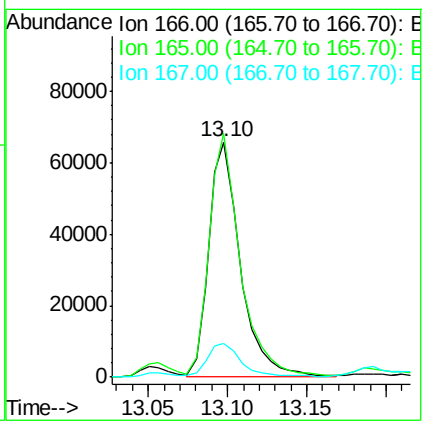


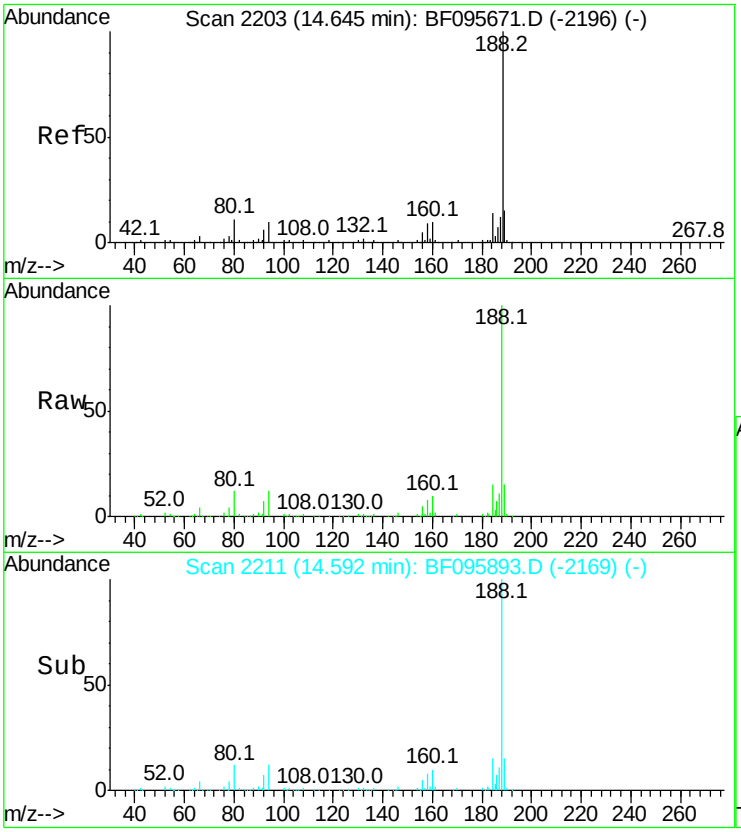


#57
Fluorene
Concen: 8.85 ng
RT: 13.10 min Scan# 1957
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:166 Resp: 91452

Ion	Ratio	Lower	Upper
166	100		
165	103.5	78.8	118.2
167	14.4	10.6	16.0



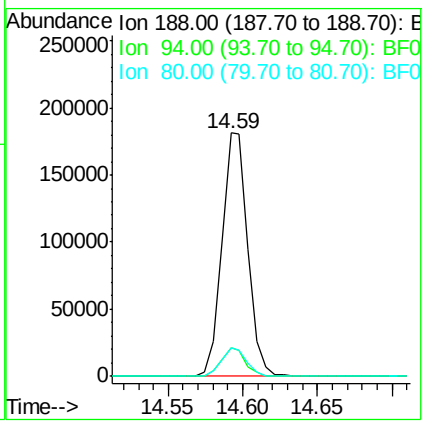


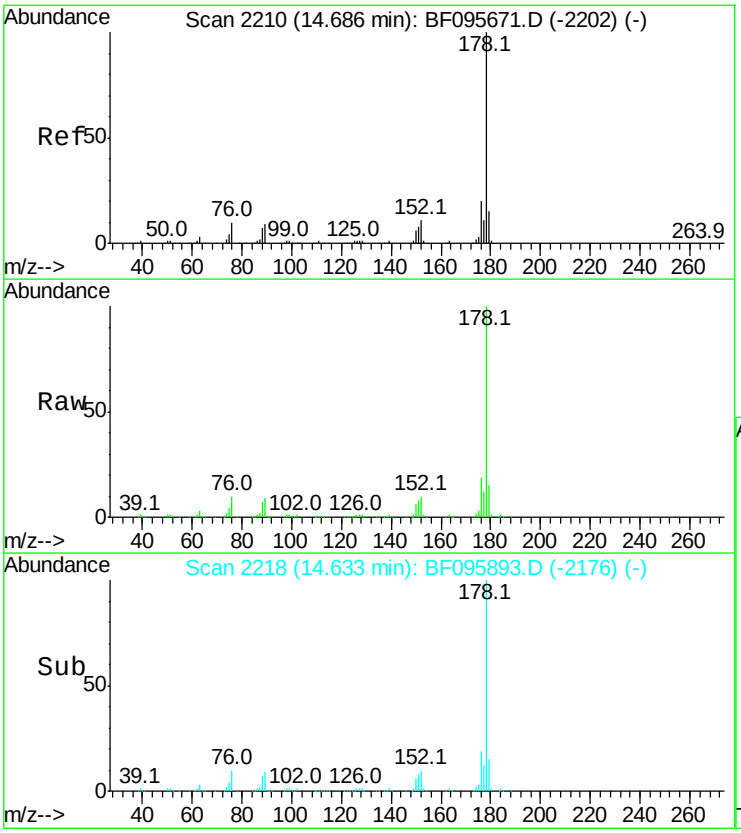
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 2211
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 220578

Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	11.6	10.2	15.2

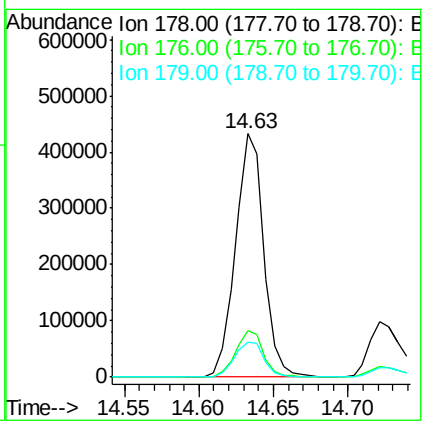


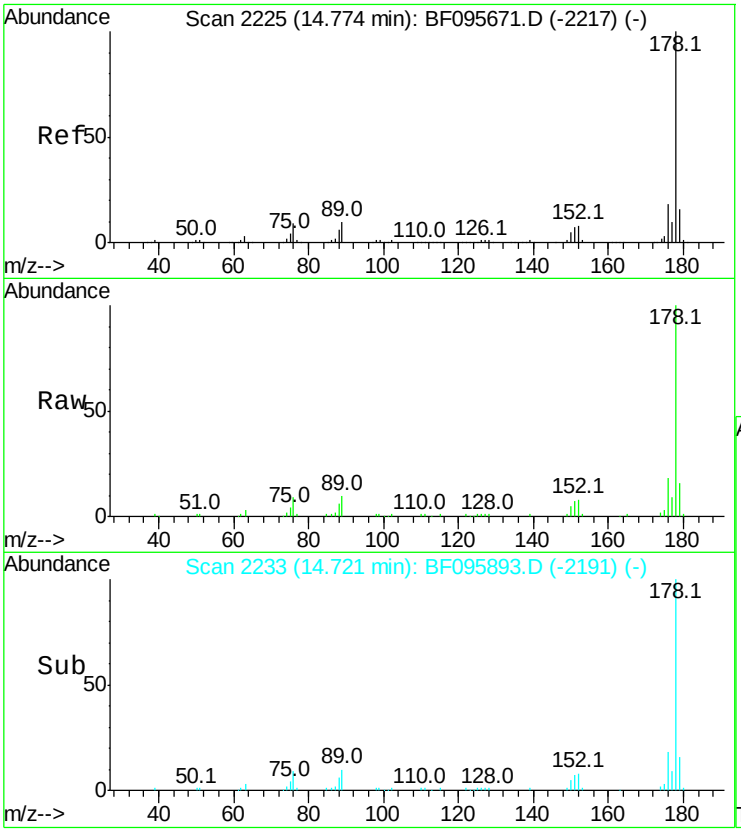


#70
Phenanthrene
Concen: 44.65 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:178 Resp: 568275

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	14.6	12.6	19.0



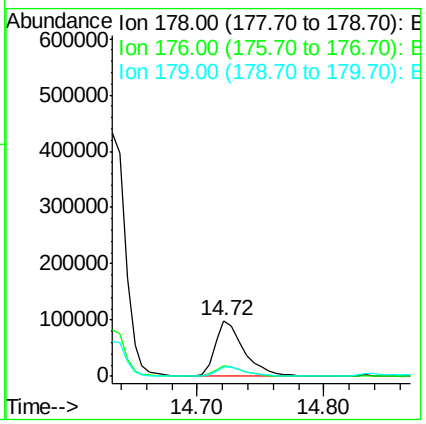


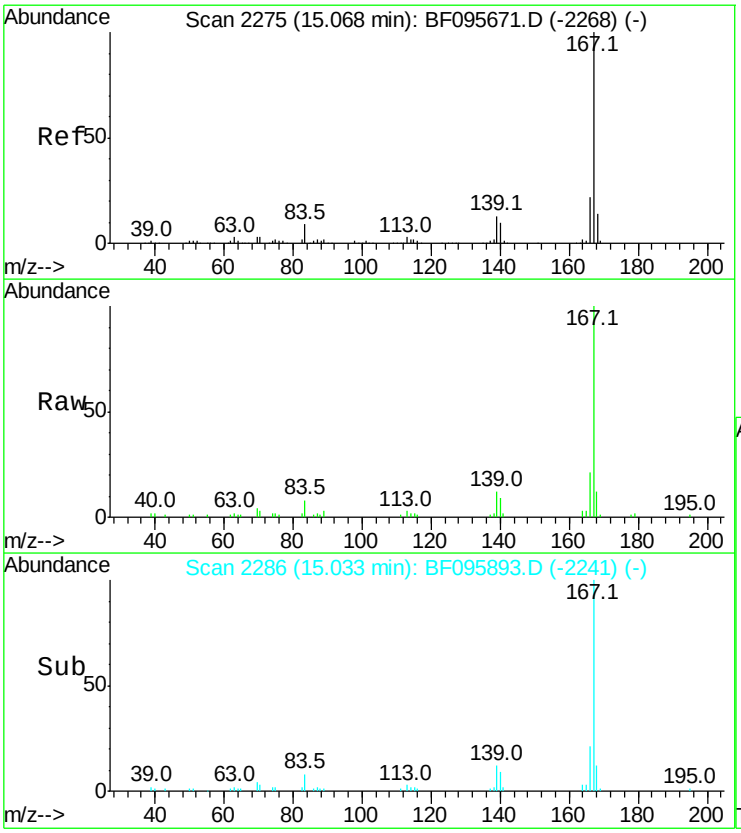
#71
Anthracene
Concen: 11.64 ng
RT: 14.72 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 154712

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	16.3	12.7	19.1

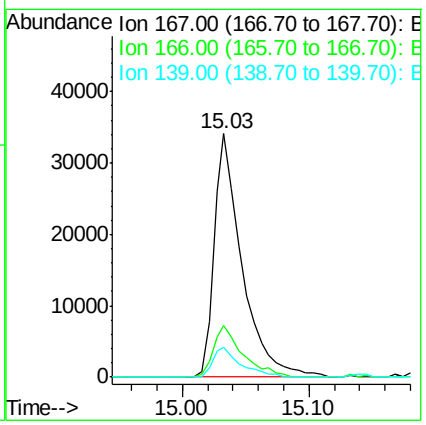


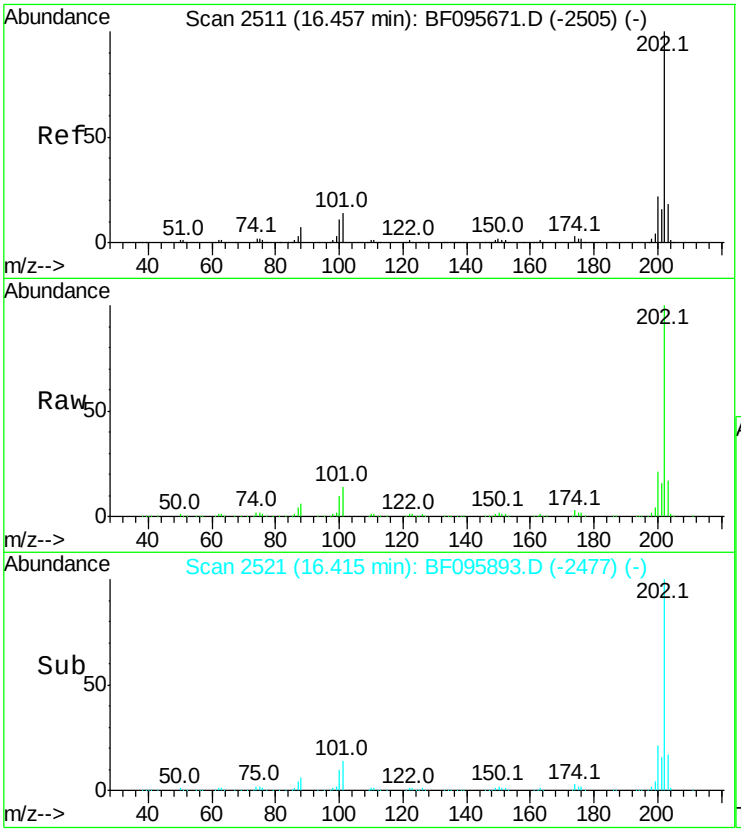


#72
Carbazole
Concen: 4.02 ng
RT: 15.03 min Scan# 2286
Delta R.T. -0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:167 Resp: 52079

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	12.1	11.7	17.5



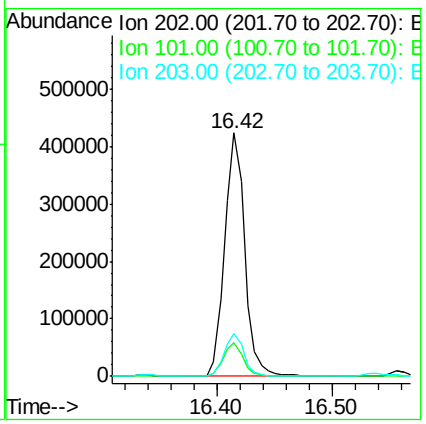


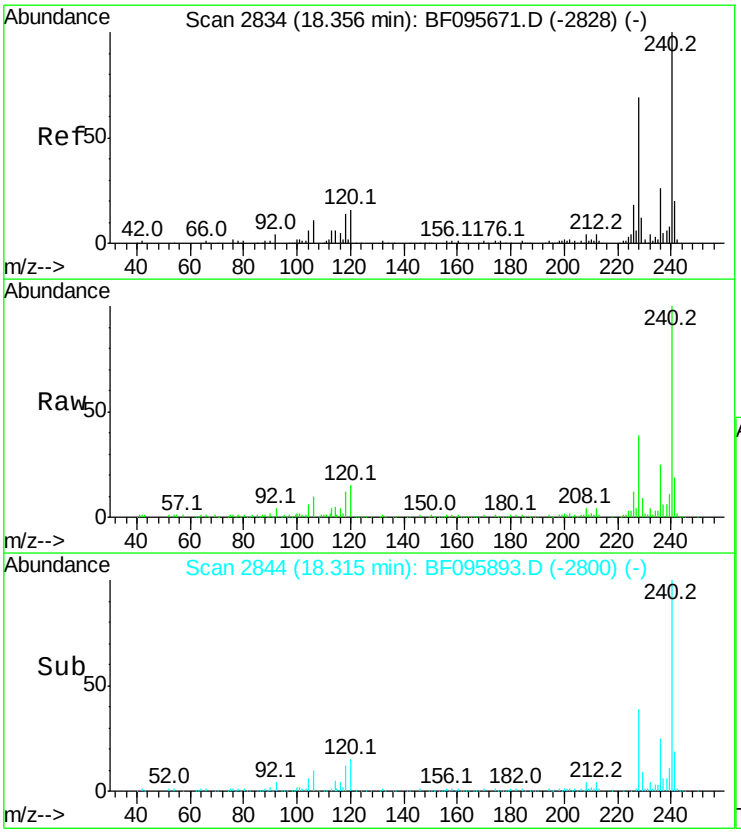
#74
Fluoranthene
Concen: 40.36 ng
RT: 16.42 min Scan# 2521
Delta R.T. -0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 508367

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.5	0.0	38.1

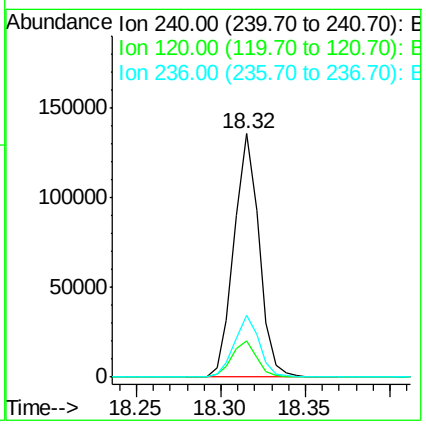


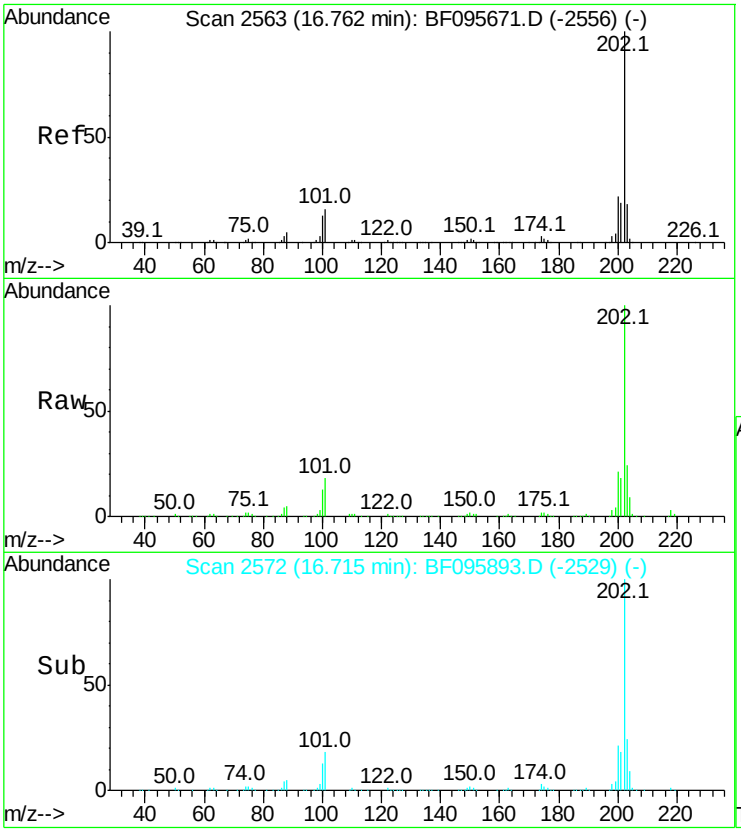


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2844
Delta R.T. -0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:240 Resp: 140814

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.3	20.5	30.7



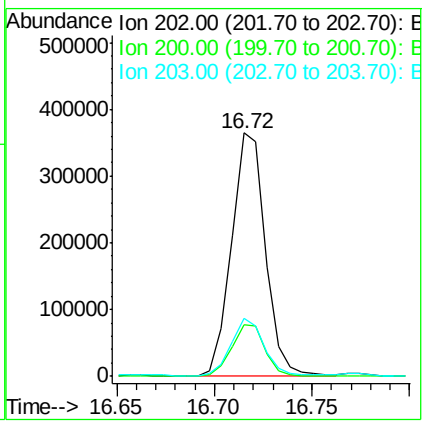


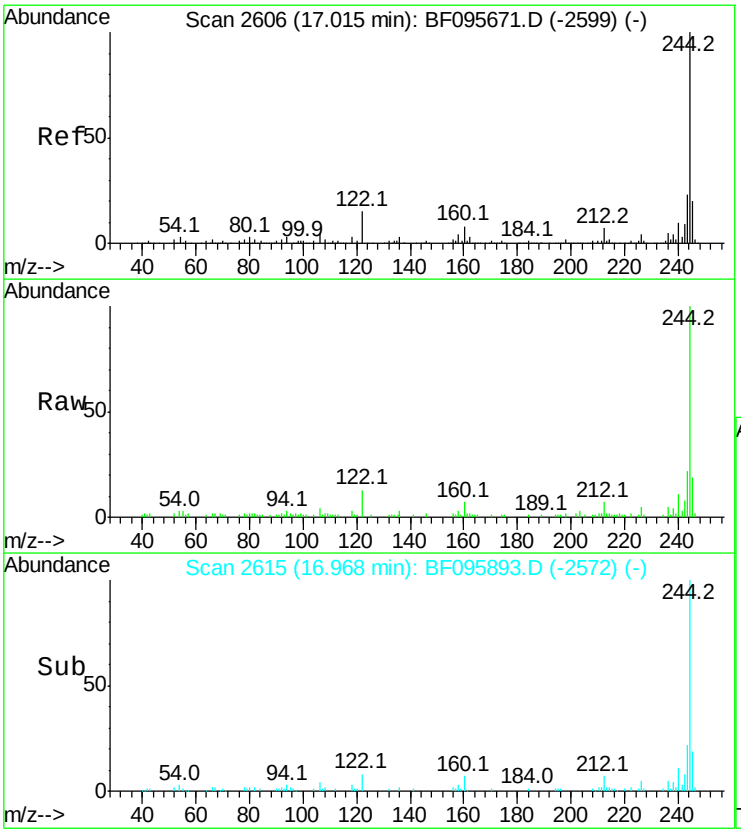
#77
Pyrene
Concen: 41.68 ng
RT: 16.72 min Scan# 2572
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 437876

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	23.9	14.4	21.6#

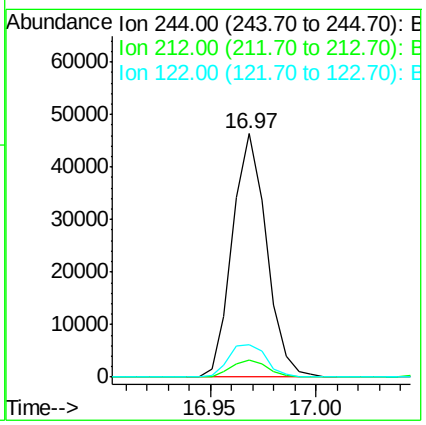


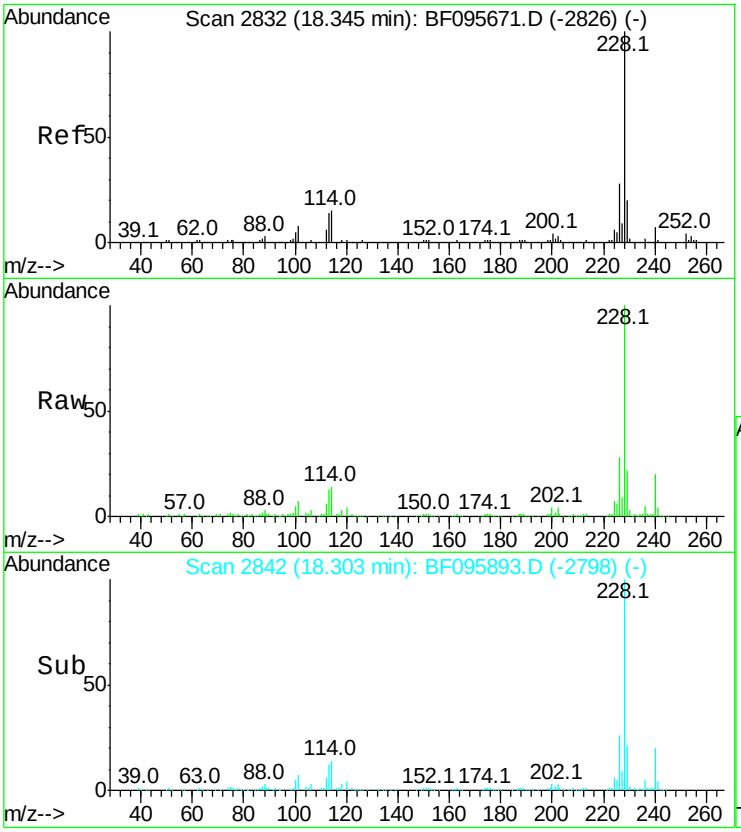


#78
Terphenyl-d14
Concen: 9.11 ng
RT: 16.97 min Scan# 2615
Delta R.T. -0.05 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:244 Resp: 51695

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.3	10.3	15.5



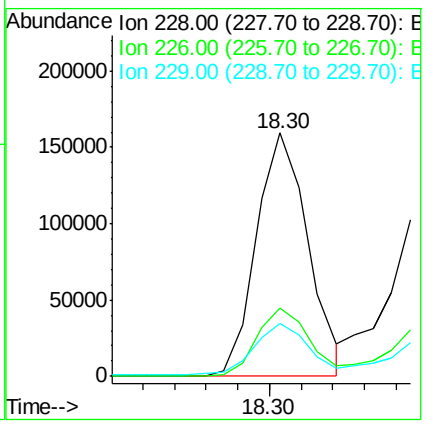


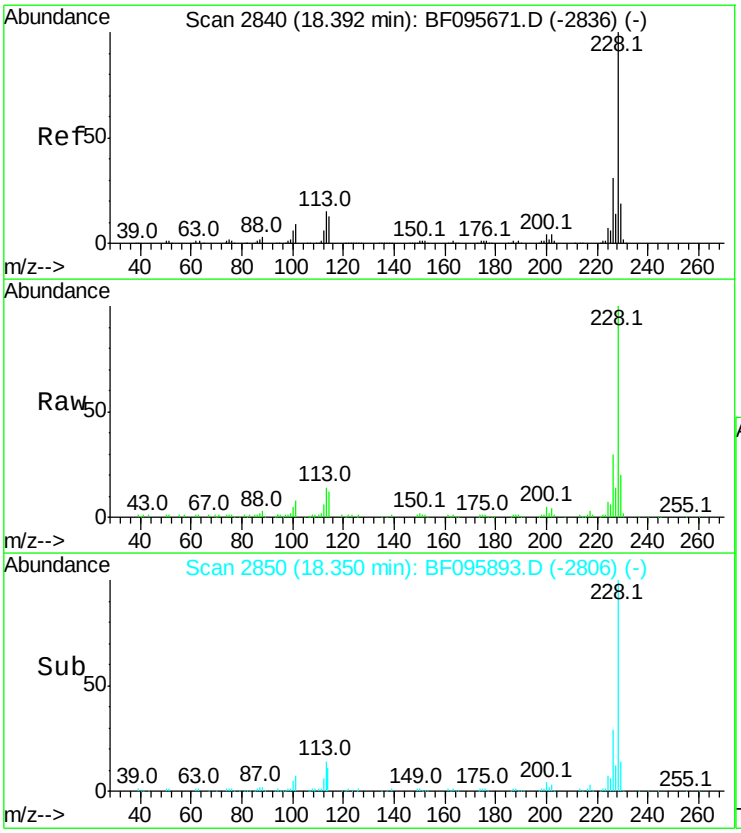
#80
Benzo(a)anthracene
Concen: 21.96 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 179785

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	21.6	16.3	24.5

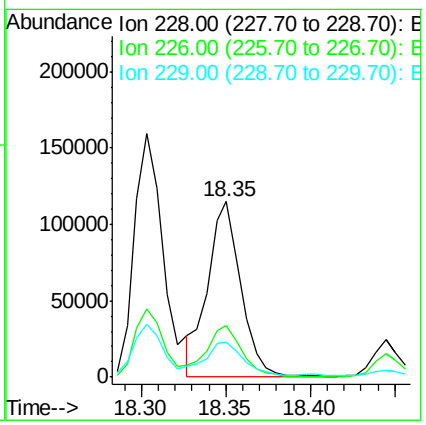


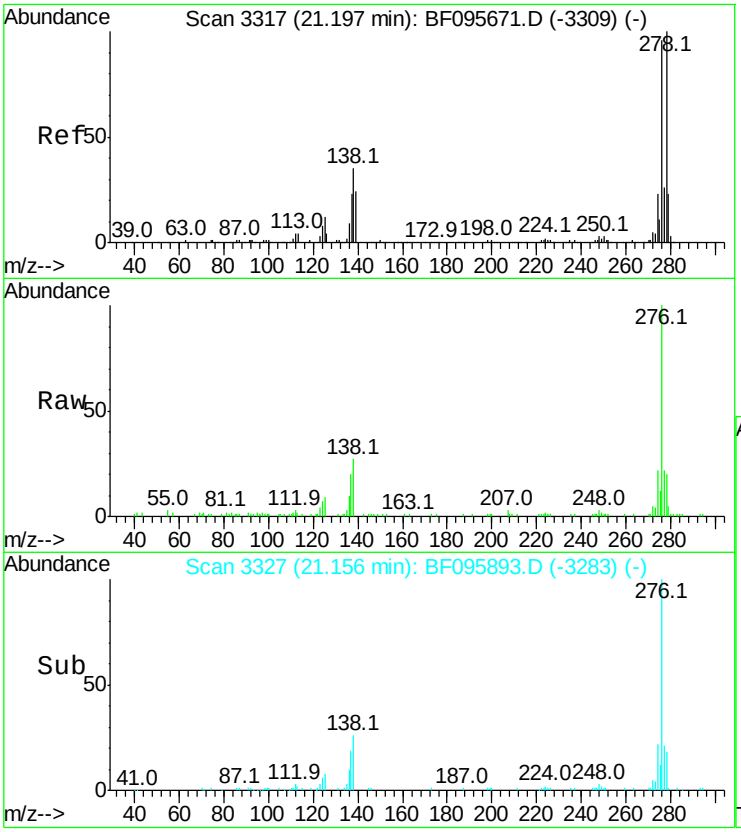


#82
Chrysene
Concen: 19.17 ng
RT: 18.35 min Scan# 2850
Delta R.T. -0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:228 Resp: 156871

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	19.6	15.8	23.6



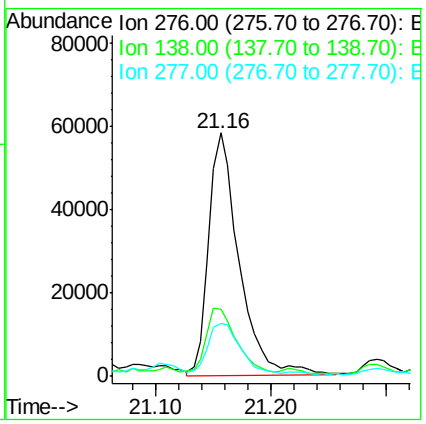


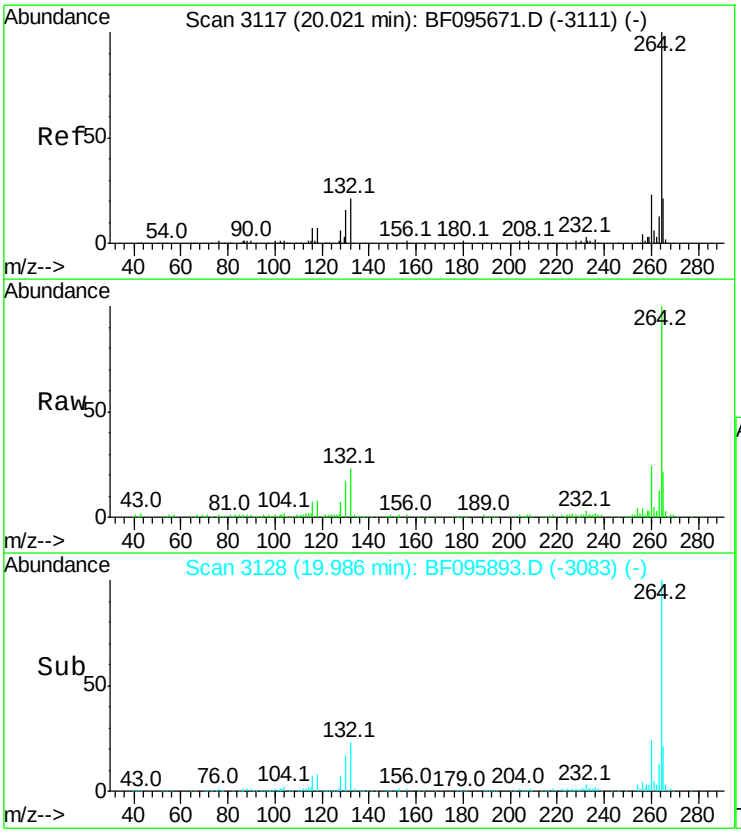
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.17 ng
RT: 21.16 min Scan# 3327
Delta R.T. -0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 106218

Ion	Ratio	Lower	Upper
276	100		
138	30.3	27.8	41.6
277	21.6	20.2	30.4

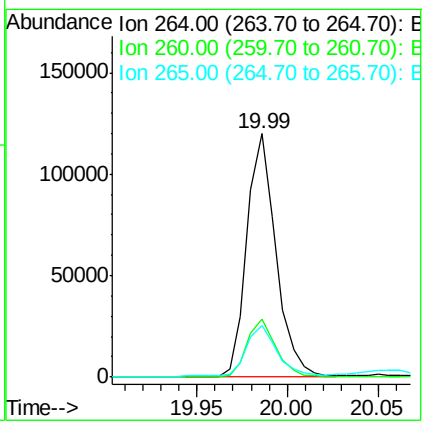


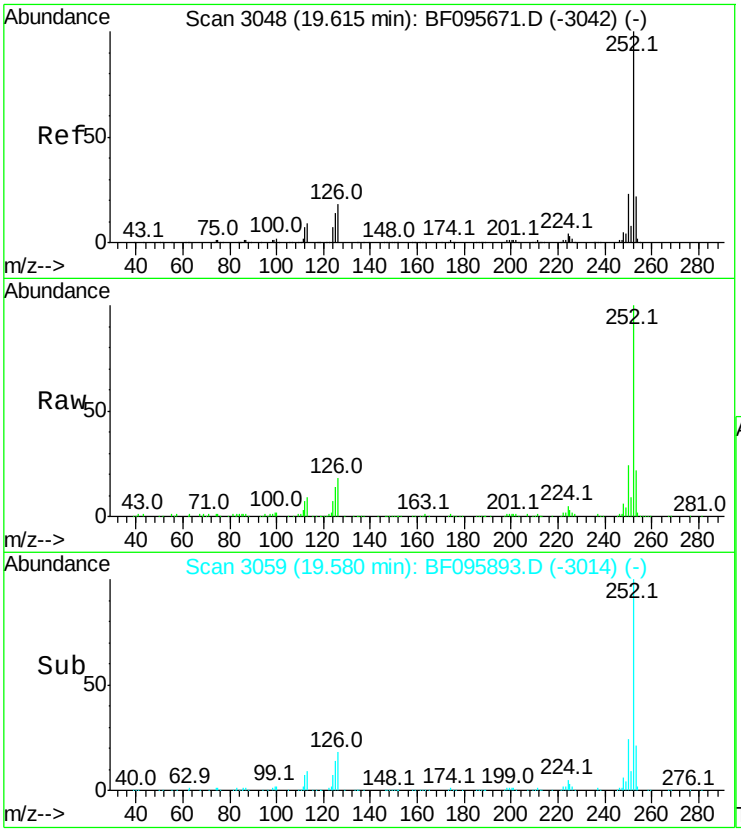


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:264 Resp: 135007

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.9	17.2	25.8



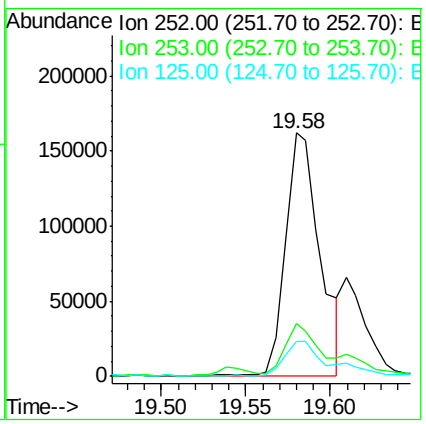


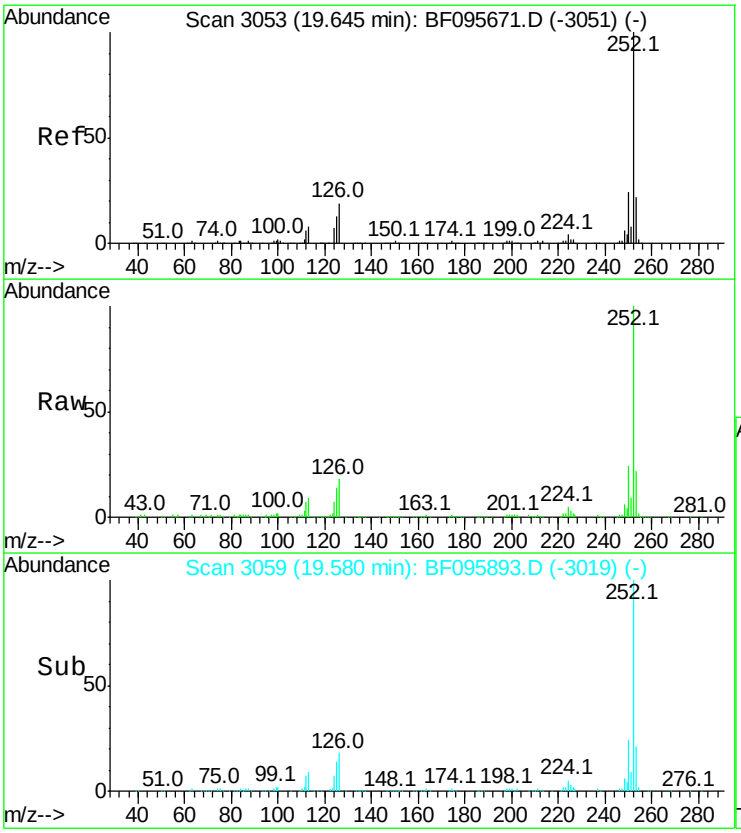
#87
Benzo(b)fluoranthene
Concen: 27.28 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 230596

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	14.3	9.8	14.8

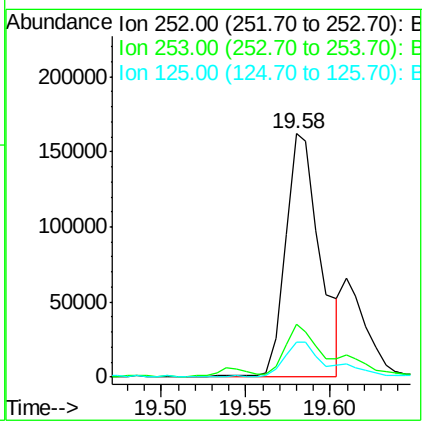


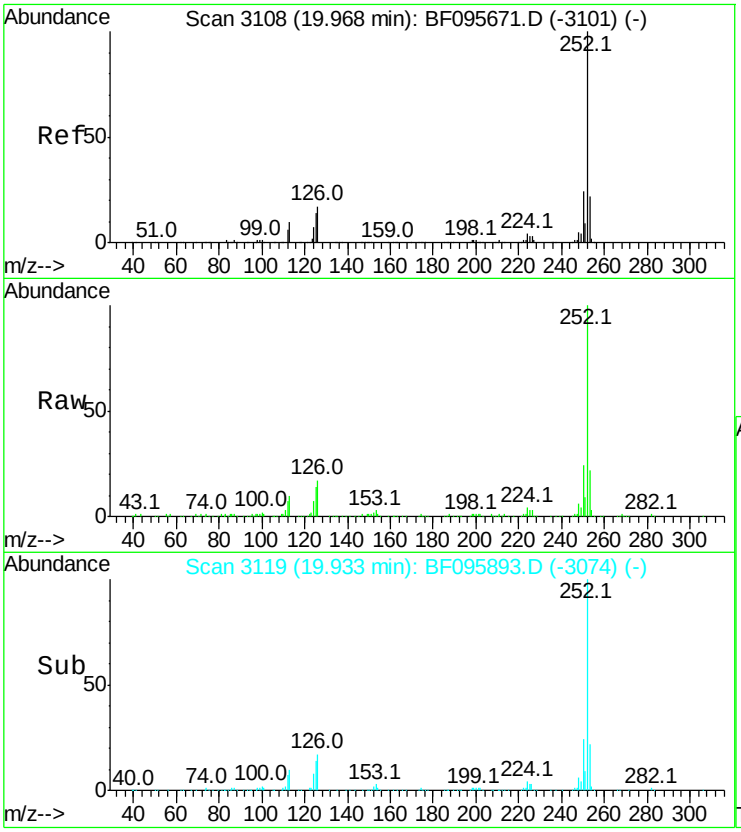


#88
Benzo(k)fluoranthene
Concen: 28.54 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.06 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:252 Resp: 230596

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	14.3	13.1	19.7



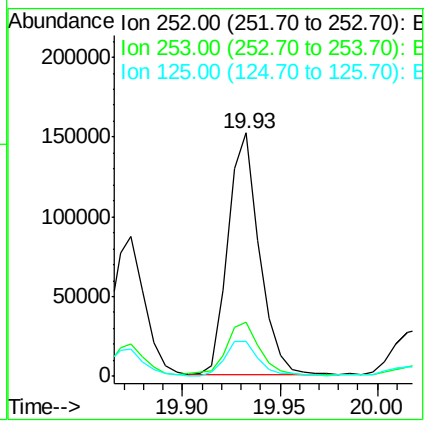


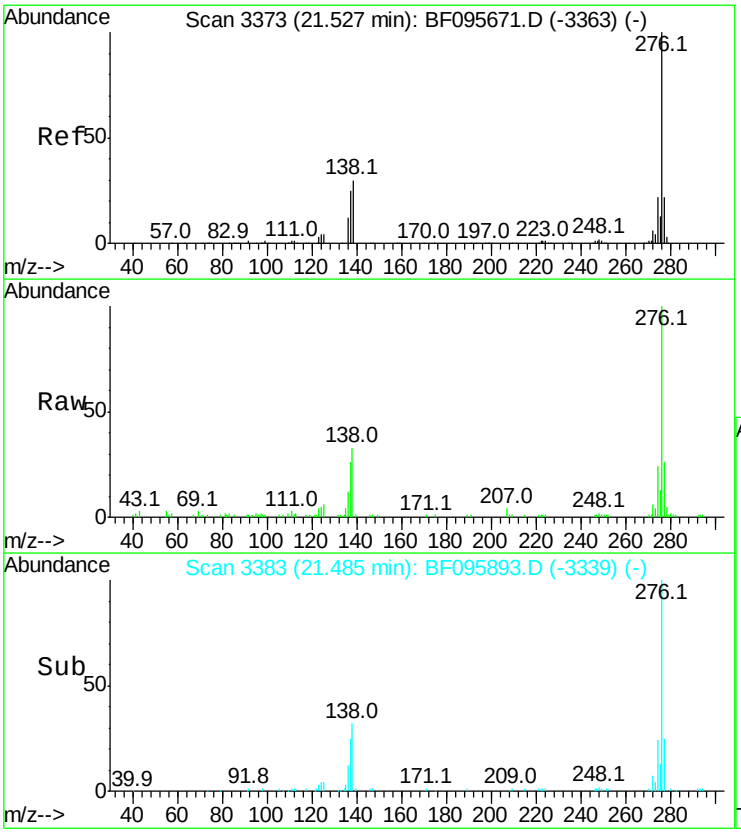
#89
Benzo(a)pyrene
Concen: 21.91 ng
RT: 19.93 min Scan# 3119
Delta R.T. -0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 170273

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 13.71 ng
RT: 21.49 min Scan# 3383
Delta R.T. -0.04 min
Lab File: BF095893.D
Acq: 13 Jun 2017 2:35

Tgt Ion:276 Resp: 92157

Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.6	28.0
138	33.4	25.4	38.0