Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095393.D
Acq On : 24 May 2017 17:23
Operator : SJ/MA
Sample : I3200-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 25 01:04:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	93637	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	385805	20.00	ng		-0.01
38) Acenaphthene-d10	12.60	164	167687	20.00	ng		-0.02
63) Phenanthrene-d10	15.00	188	261688	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	200717	20.00	ng		-0.02
86) Perylene-d12	20.35	264	159226	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	610536	108.71	ng		-0.02
7) Phenol-d6	7.29	99	772186	114.59	ng		-0.02
23) Nitrobenzene-d5	8.65	82	433643	70.88	ng		-0.02
41) 2,4,6-Tribromophenol	13.90	330	125892	91.67	ng		-0.02
44) 2-Fluorobiphenyl	11.54	172	857125	73.57	ng		-0.02
78) Terphenyl-d14	17.32	244	554343	60.83	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.32	94	17243	2.43	ng	#	49
19) n-Nitroso-di-n-propylamine	8.65	70	49624	10.89	ng	#	74
32) Benzoic acid	9.77	122	126	5.11	ng	#	10
48) Acenaphthylene	12.38	152	68893	3.86	ng		99
49) Dimethylphthalate	12.24	163	196875	14.30	ng		97
70) Phenanthrene	15.04	178	458011	30.46	ng		98
71) Anthracene	15.14	178	102835	6.70	ng		95
72) Carbazole	15.43	167	42224	3.02	ng		99
74) Fluoranthene	16.78	202	717892	46.54	ng		99
76) Benzidine	17.12	184	461	6.66	ng	#	1
77) Pyrene	17.09	202	654422	43.59	ng		98
80) Benzo(a)anthracene	18.67	228	314161	26.89	ng		95
82) Chrysene	18.71	228	325757	28.84	ng		99
83) Bis(2-ethylhexyl)phthalate	18.73	149	55546	5.58	ng	#	77
84) Di-n-octyl phthalate	19.50	149	56283	3.45	ng	#	95
85) Indeno(1,2,3-cd)pyrene	21.69	276	145846	15.90	ng	#	91
87) Benzo(b)fluoranthene	19.95	252	510724	51.91	ng		98
88) Benzo(k)fluoranthene	19.95	252	510724	53.81	ng		97
89) Benzo(a)pyrene	20.30	252	235200	25.91	ng		97
90) Dibenzo(a,h)anthracene	21.68	278	35751	4.77	ng	#	91
91) Benzo(g,h,i)perylene	22.08	276	146719	19.94	ng		98

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

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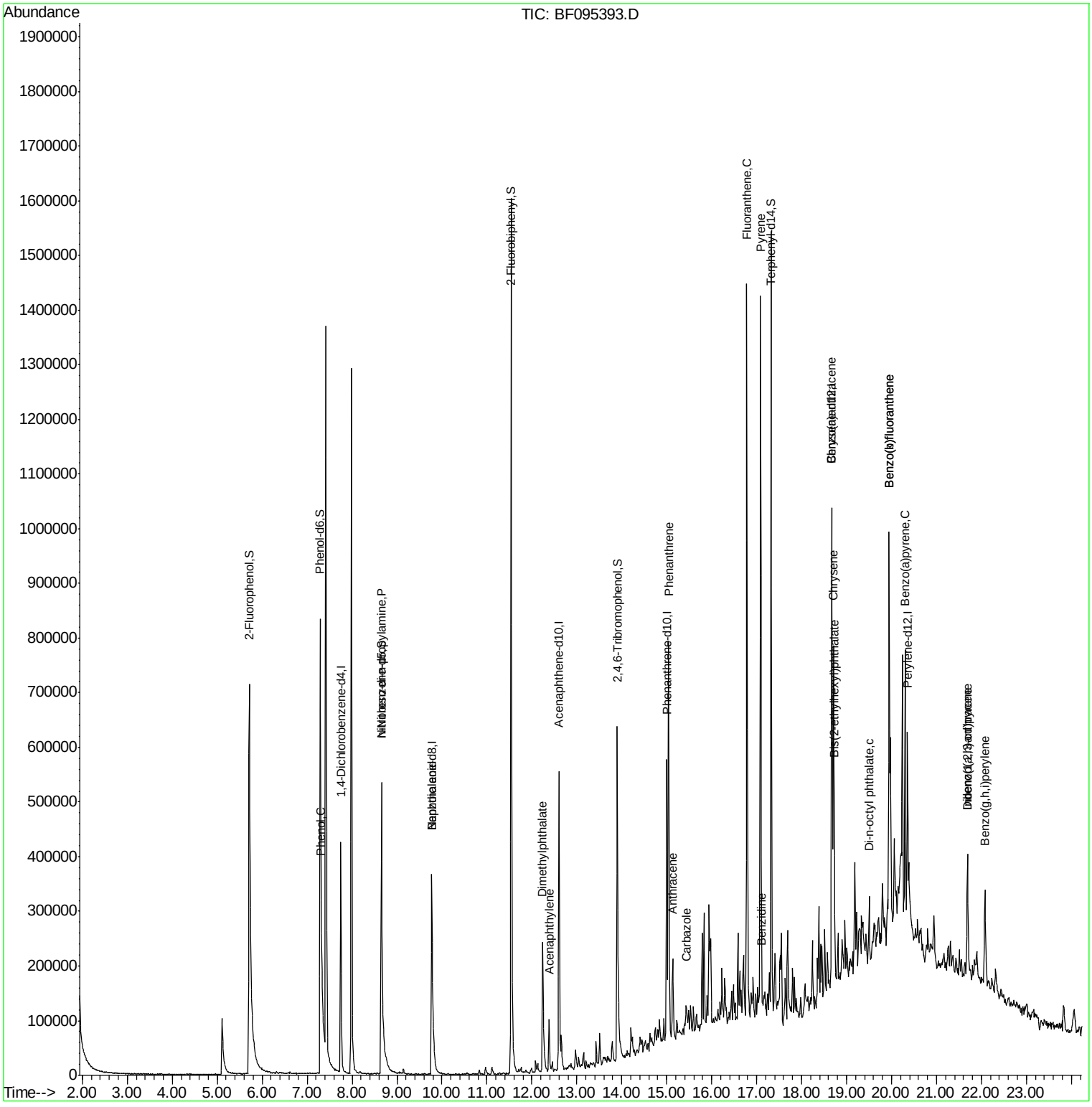
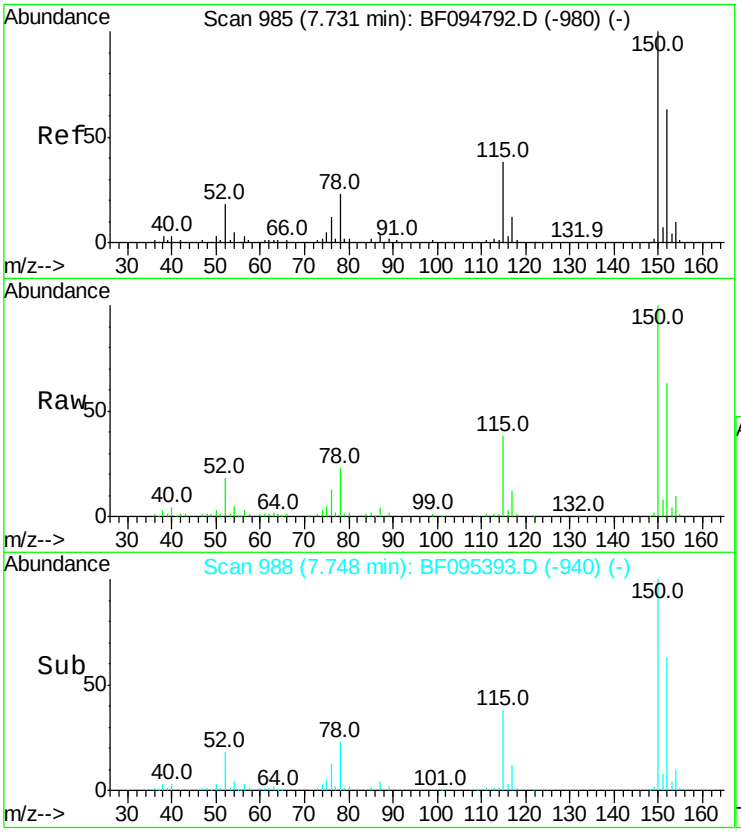


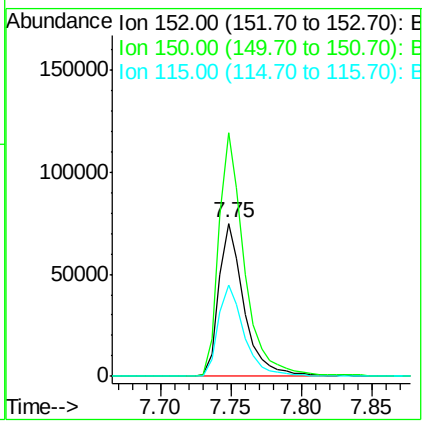


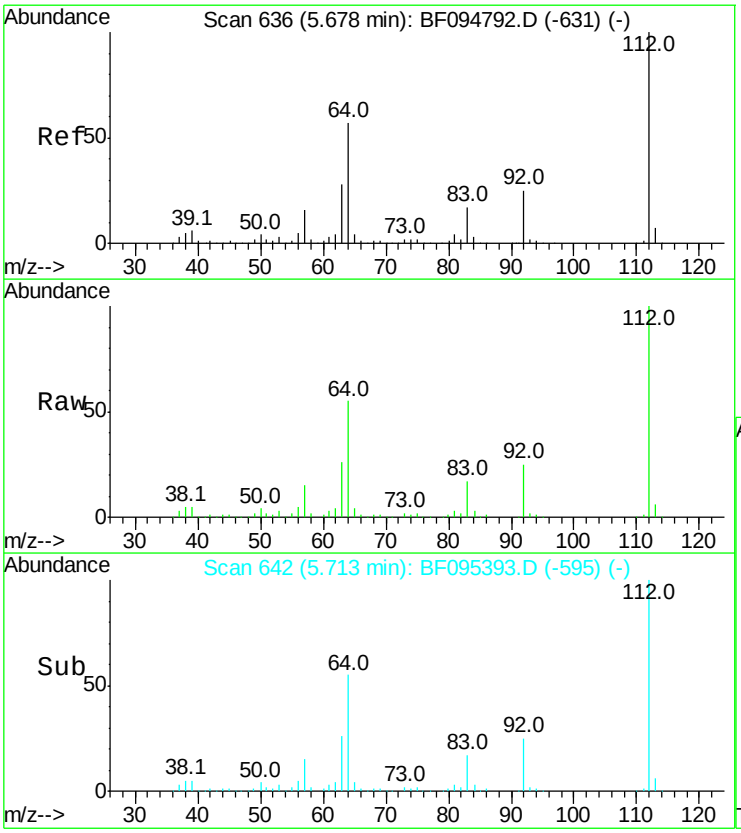
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 93637

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	59.9	52.2	78.2

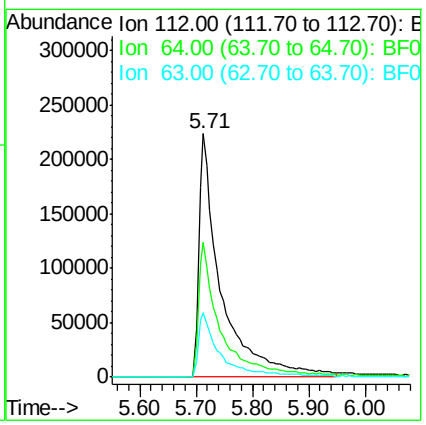


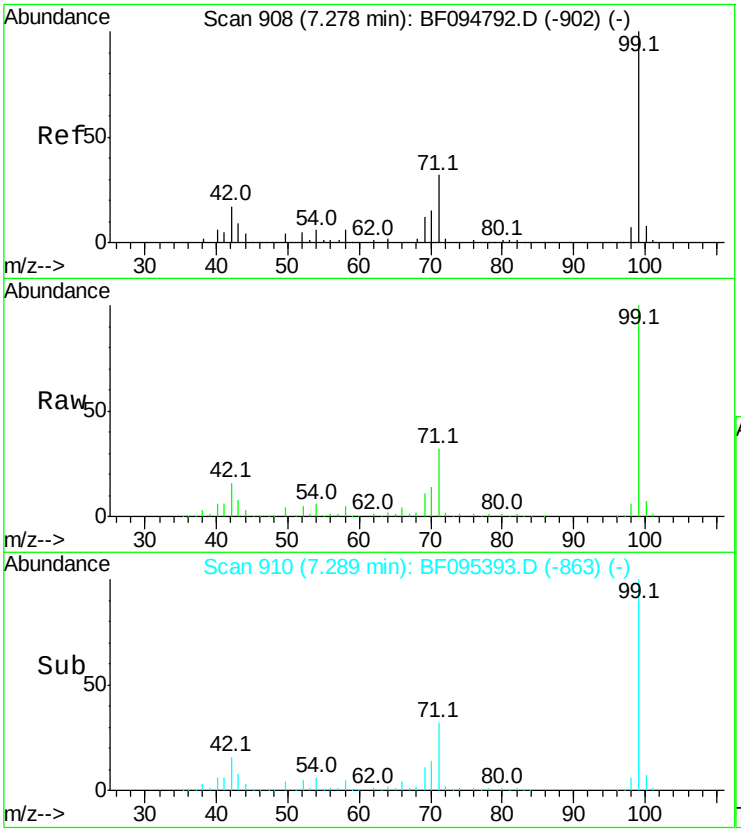


#5
2-Fluorophenol
Concen: 108.71 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:112 Resp: 610536

Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	26.5	23.4	35.0



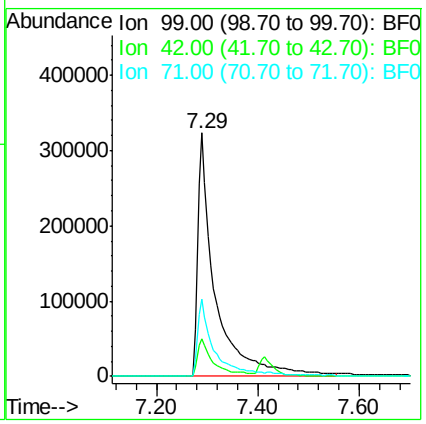


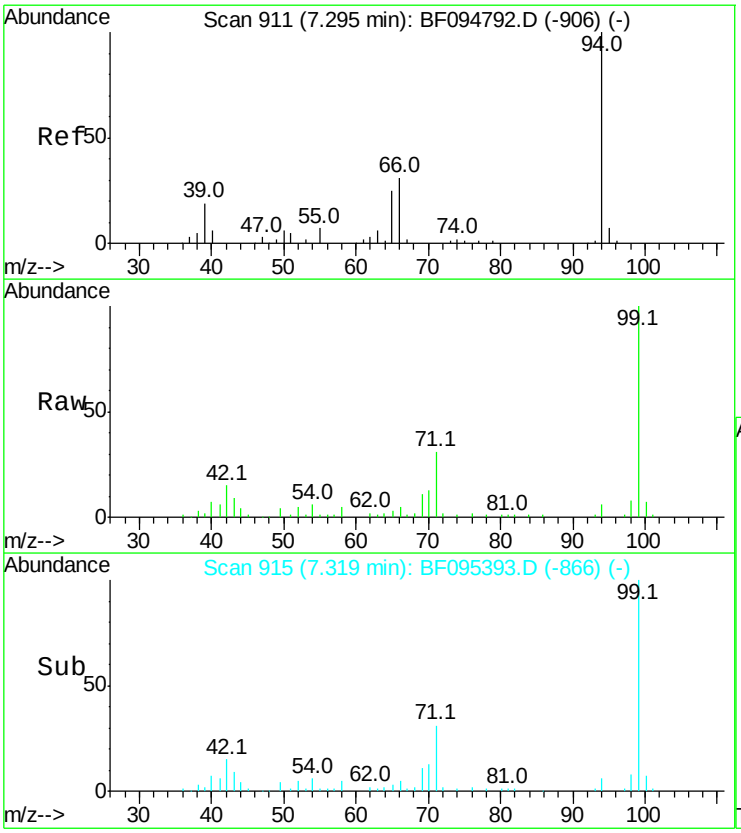
#7
Phenol-d6
Concen: 114.59 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 772186

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.7	24.5	36.7

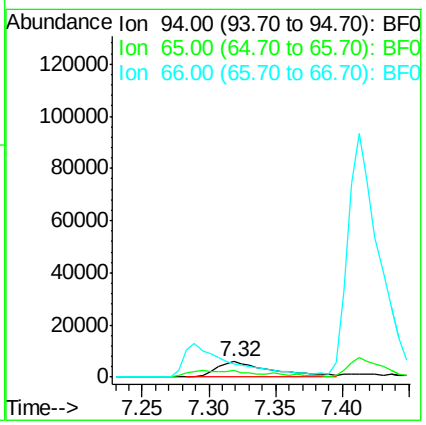


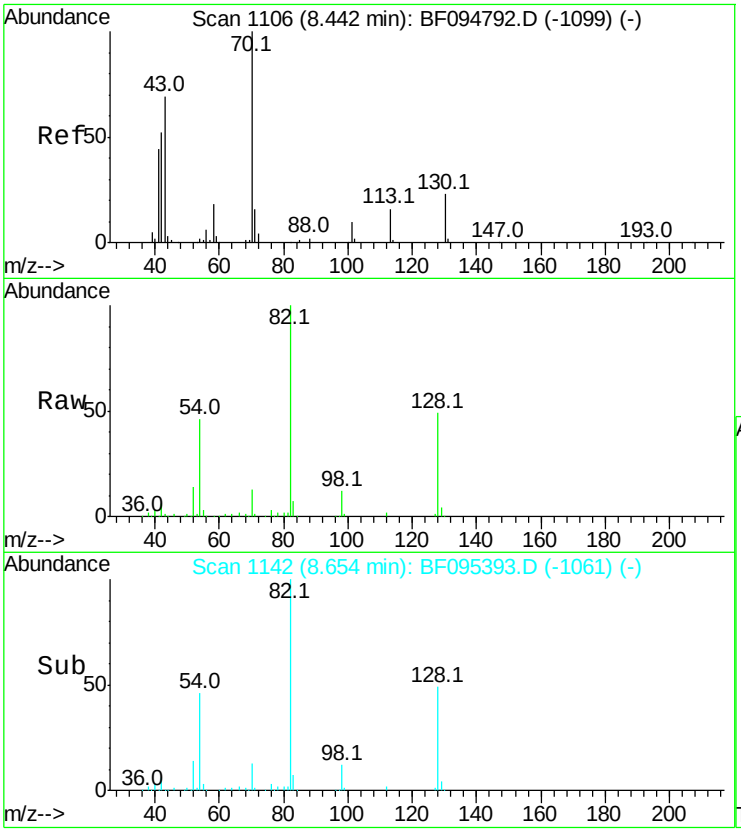


#10
Phenol
Concen: 2.43 ng
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion: 94 Resp: 17243

Ion	Ratio	Lower	Upper
94	100		
65	43.2	9.9	49.9
66	87.4	23.1	63.1#



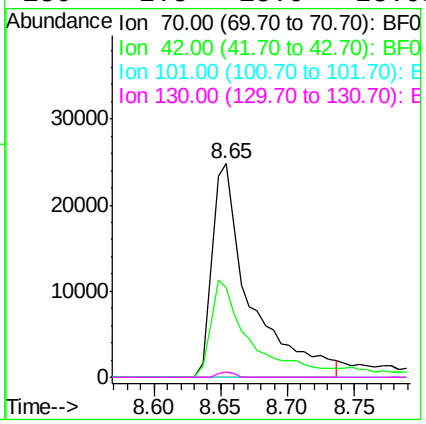


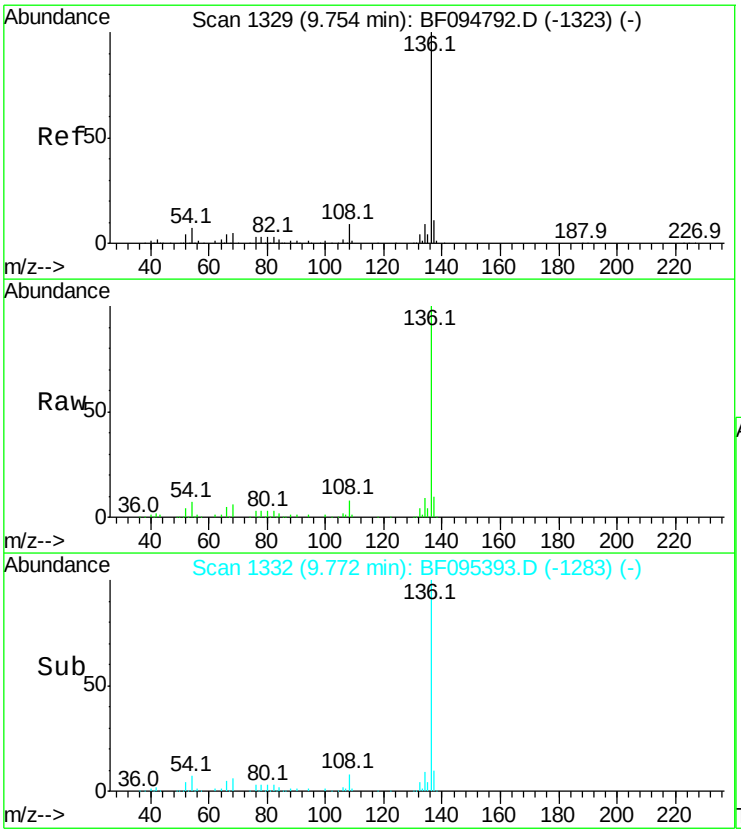
#19
n-Nitroso-di-n-propylamine
Concen: 10.89 ng
RT: 8.65 min Scan# 1142
Delta R.T. 0.18 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 49624

Ion	Ratio	Lower	Upper
70	100		
42	42.1	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#

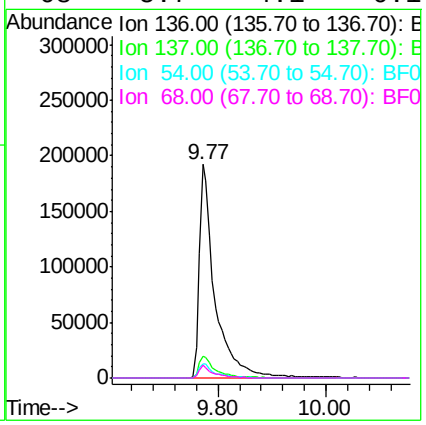


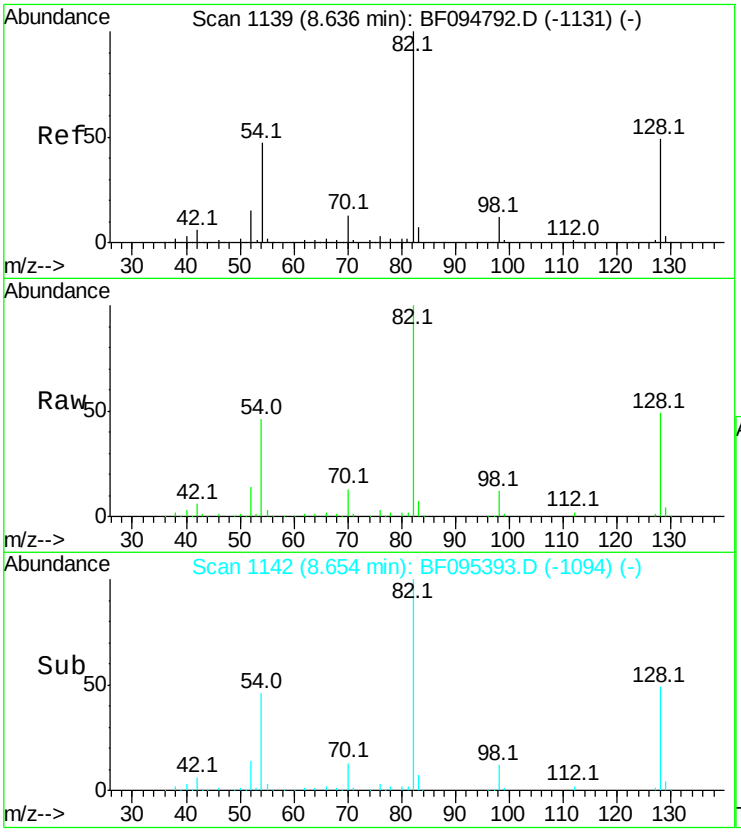


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:136 Resp: 385805

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	6.8	4.9	7.3
68	5.7	4.1	6.1



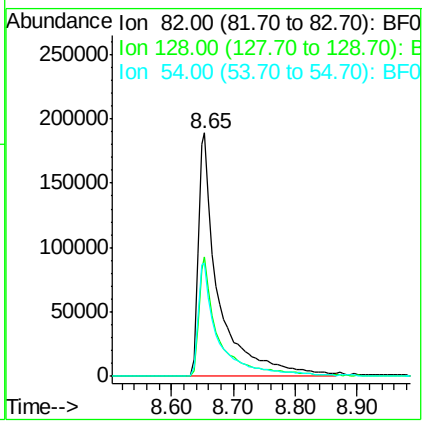


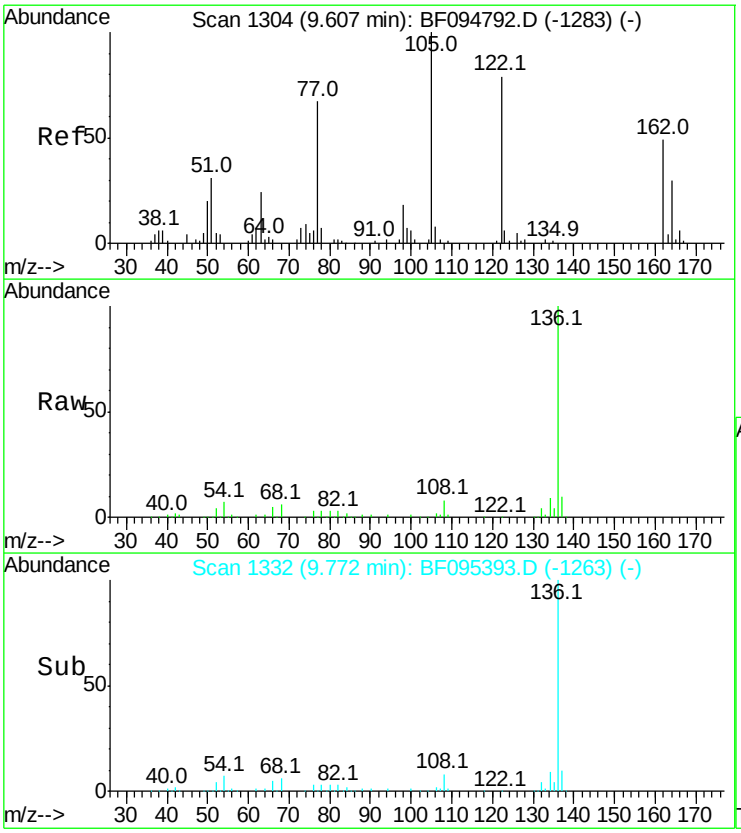
#23
Nitrobenzene-d5
Concen: 70.88 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 433643

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	46.3	42.2	63.2

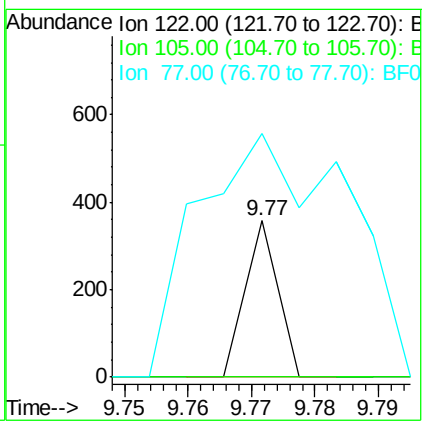


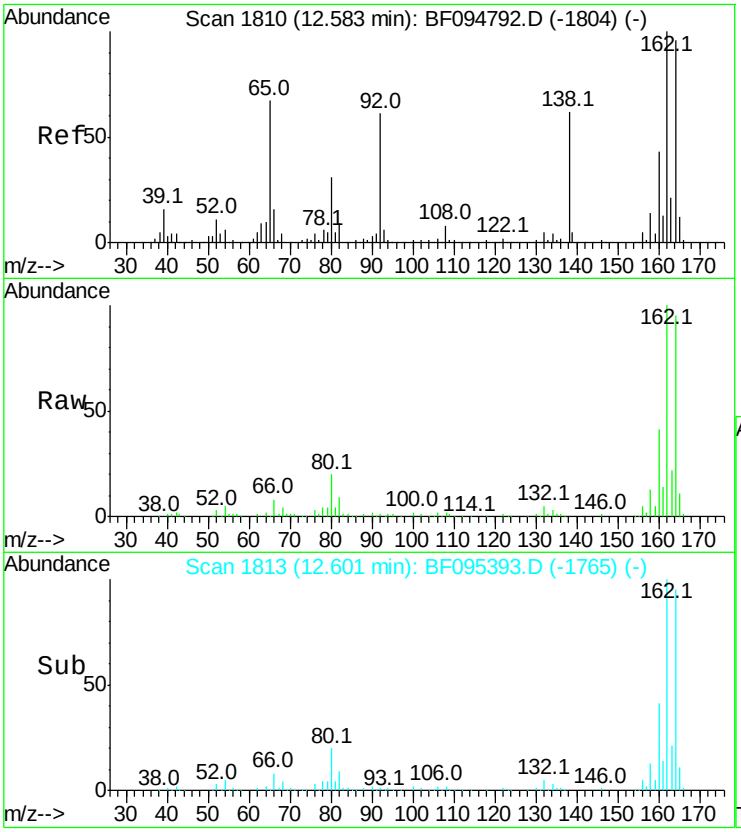


#32
Benzoic acid
Concen: 5.11 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.11 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:122 Resp: 126

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	156.0	73.7	113.7#



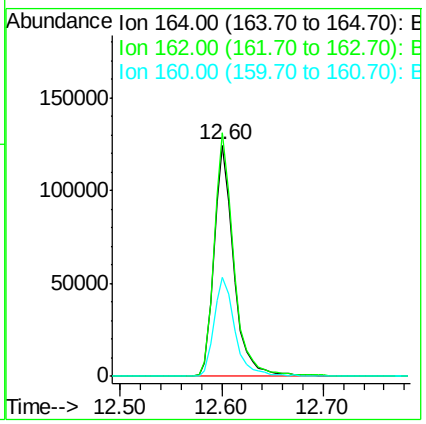


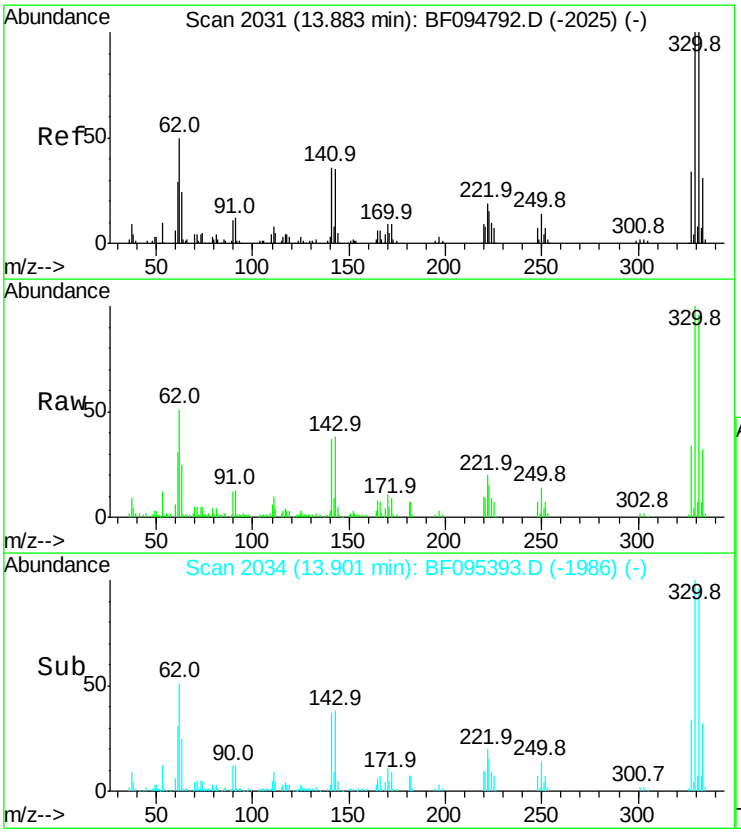
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 167687

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	43.1	36.2	54.2

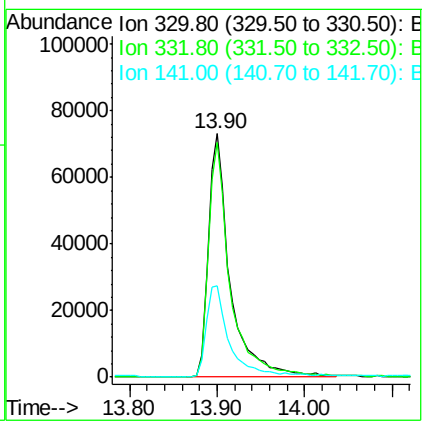


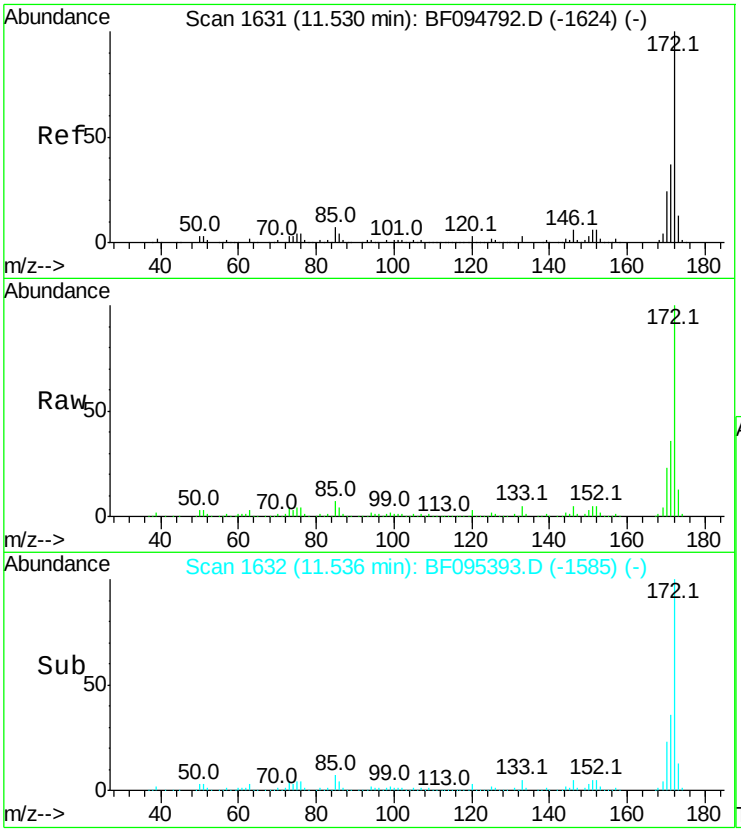


#41
2,4,6-Tribromophenol
Concen: 91.67 ng
RT: 13.90 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:330 Resp: 125892

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	40.7	31.4	47.2



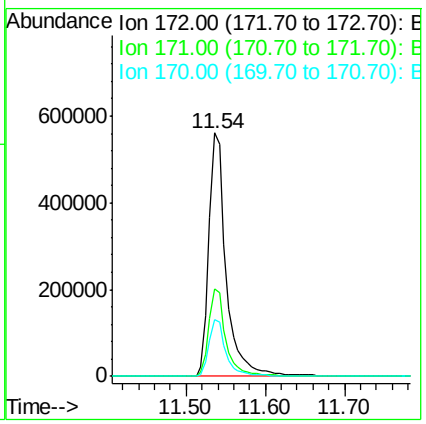


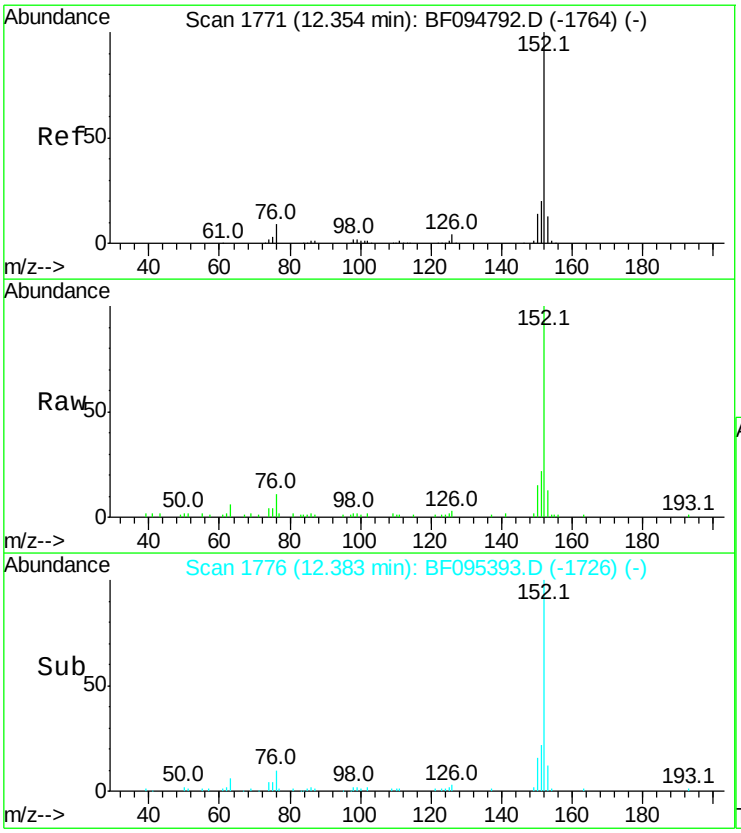
#44
2-Fluorobiphenyl
Concen: 73.57 ng
RT: 11.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 857125

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.3	19.8	29.8

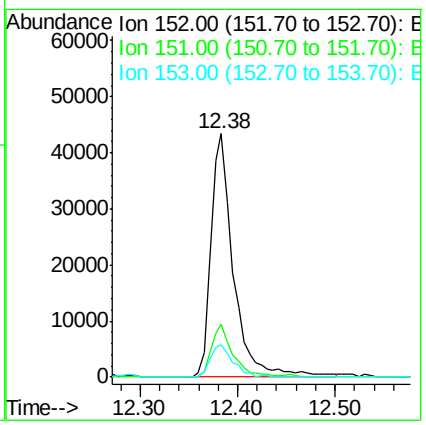


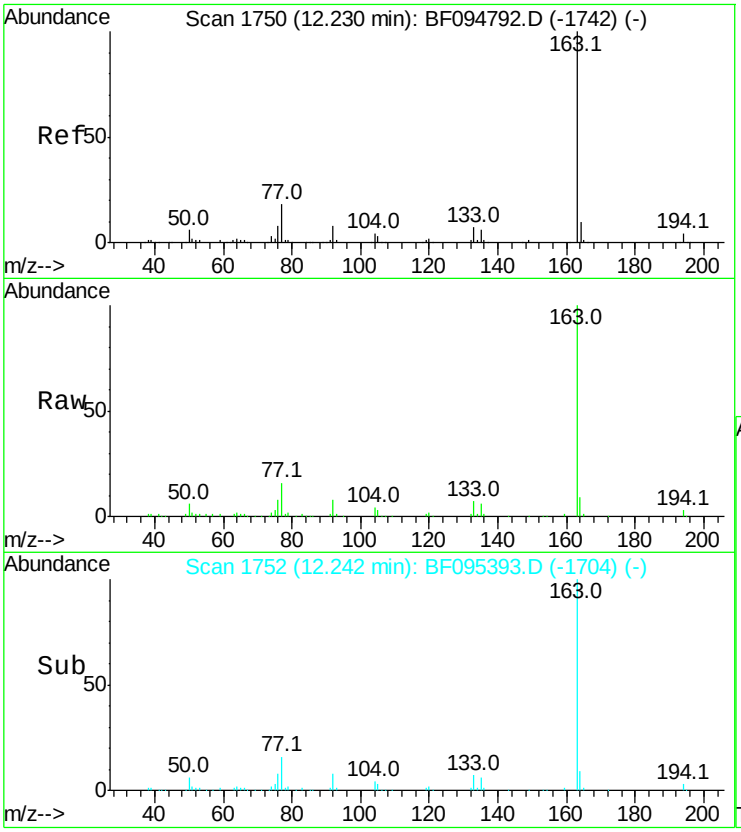


#48
Acenaphthylene
Concen: 3.86 ng
RT: 12.38 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:152 Resp: 68893

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.8	25.2
153	13.4	10.8	16.2



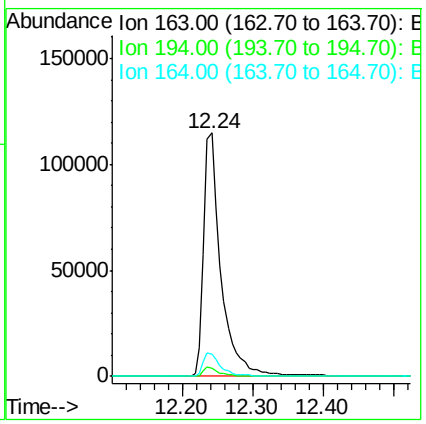


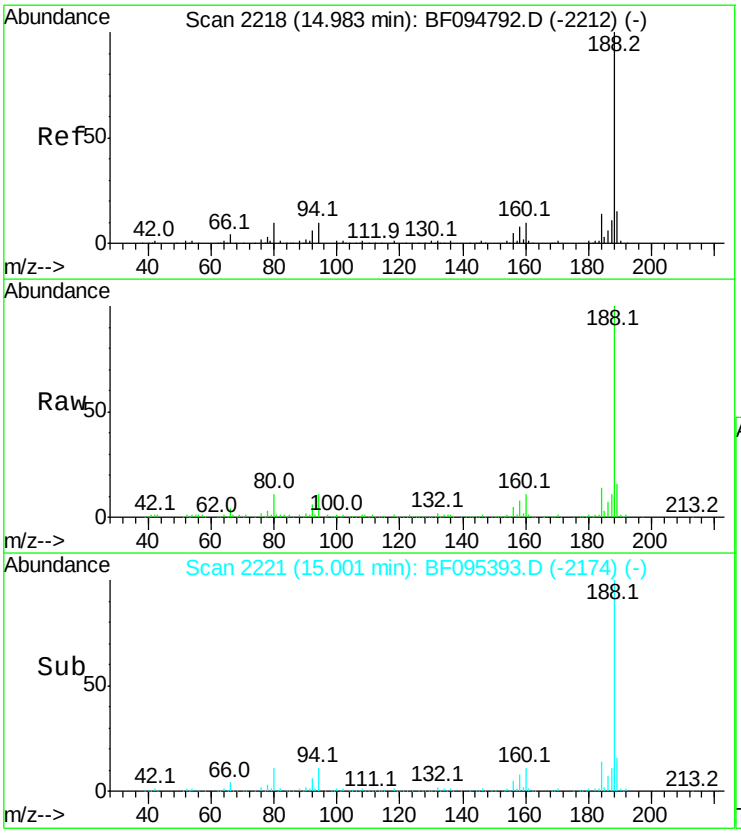
#49
Dimethylphthalate
Concen: 14.30 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 196875

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.0	8.4	12.6

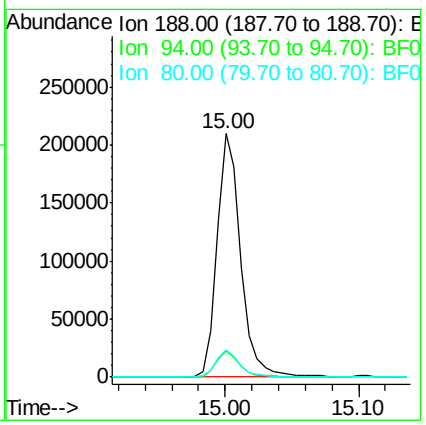


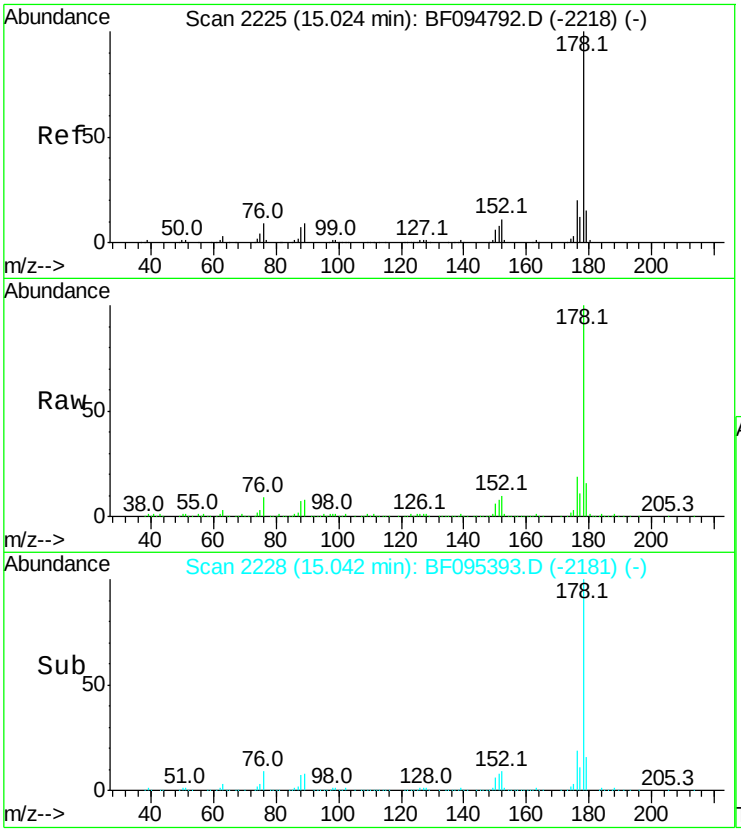


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:188 Resp: 261688

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.2	10.2	15.2



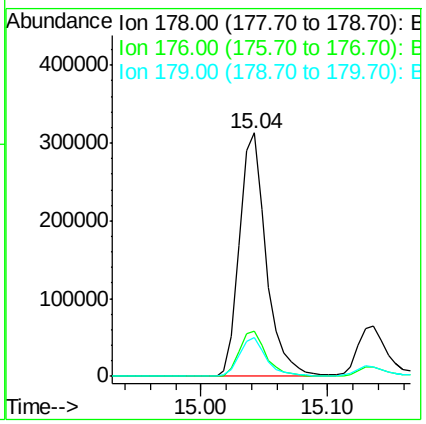


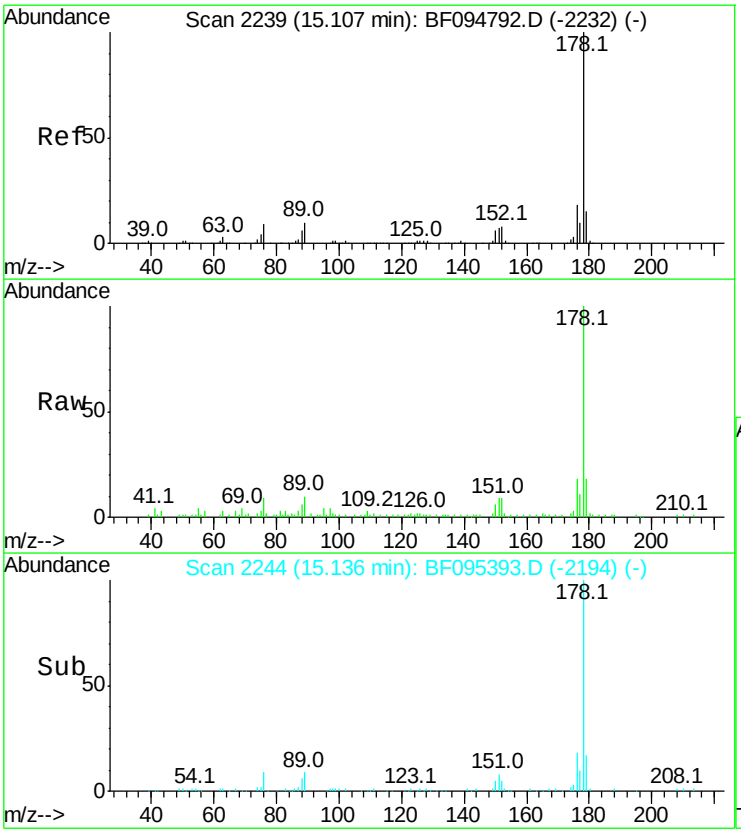
#70
Phenanthrene
Concen: 30.46 ng
RT: 15.04 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 458011

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.9	12.6	19.0

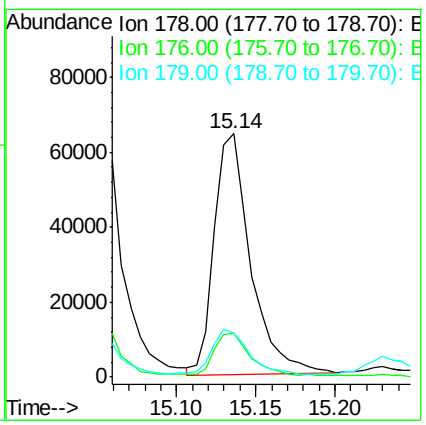


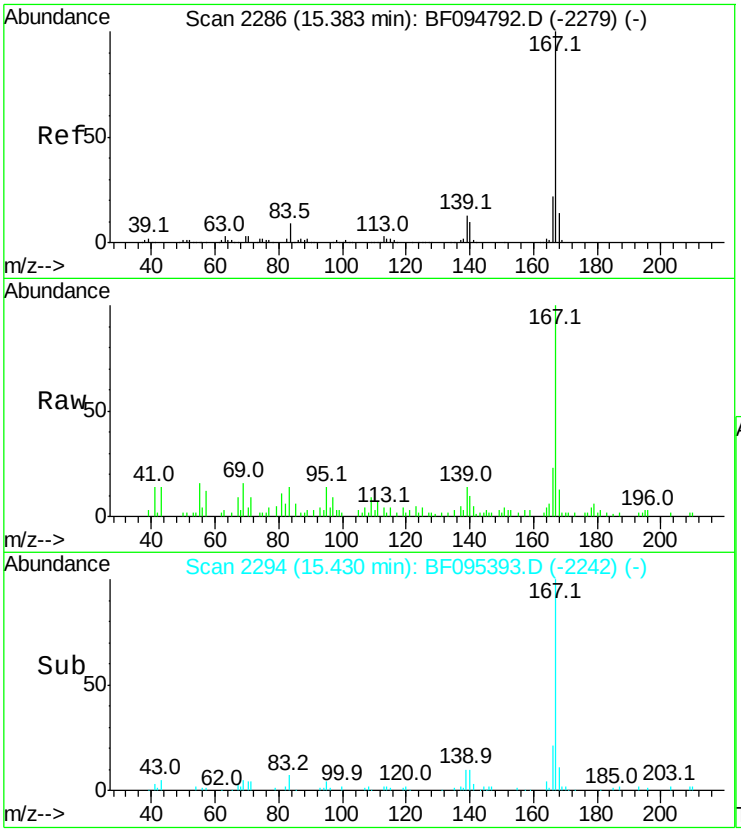


#71
Anthracene
Concen: 6.70 ng
RT: 15.14 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:178 Resp: 102835

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	18.1	12.7	19.1



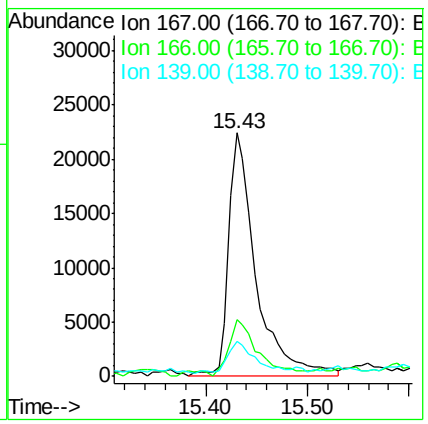


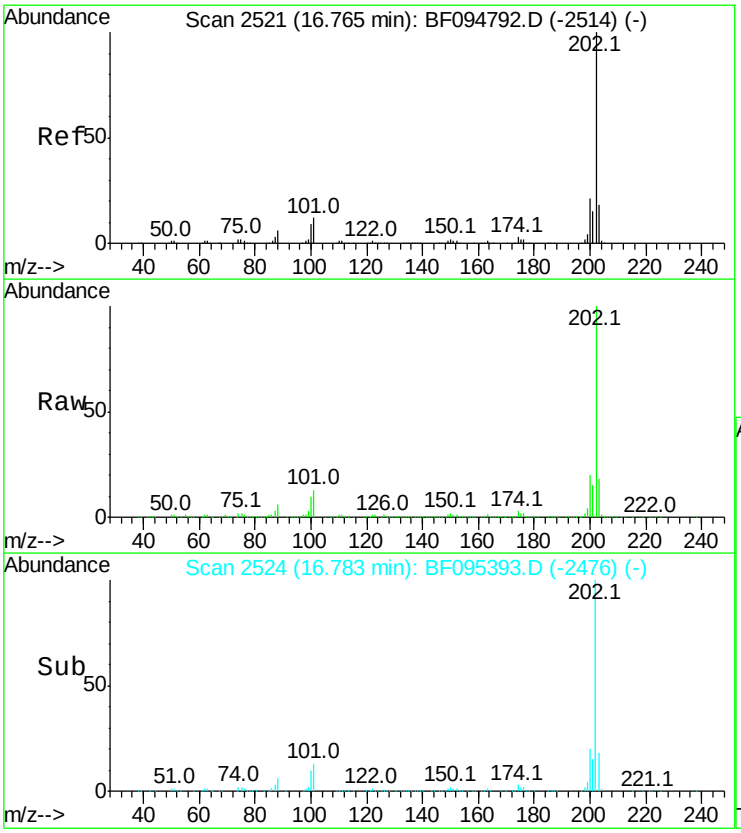
#72
Carbazole
Concen: 3.02 ng
RT: 15.43 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 42224

Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.1	27.1
139	14.3	11.7	17.5

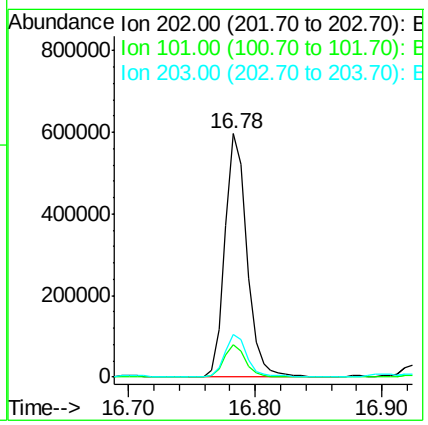


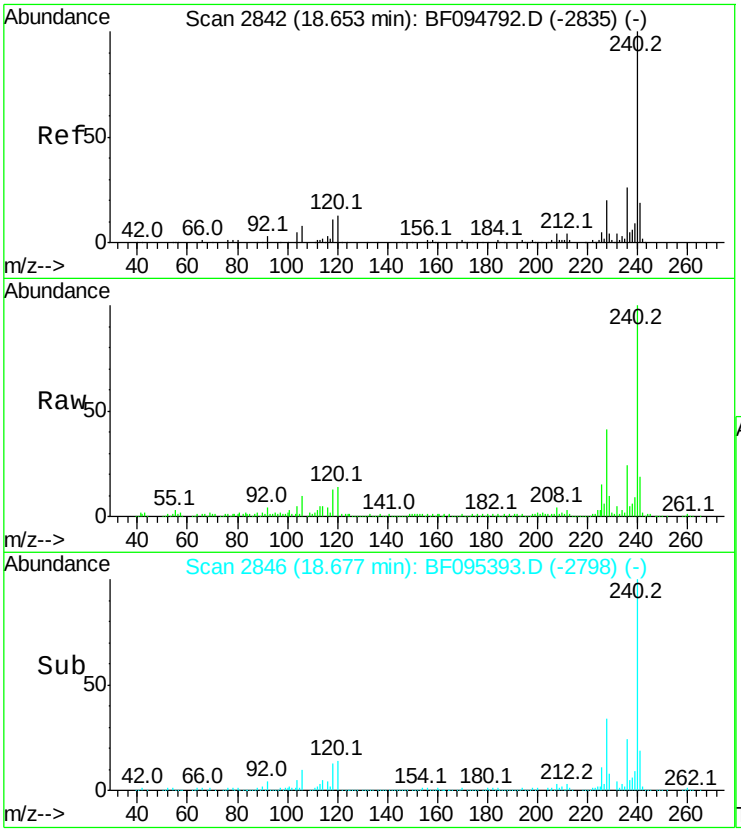


#74
Fluoranthene
Concen: 46.54 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:202 Resp: 717892

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.7	0.0	38.1



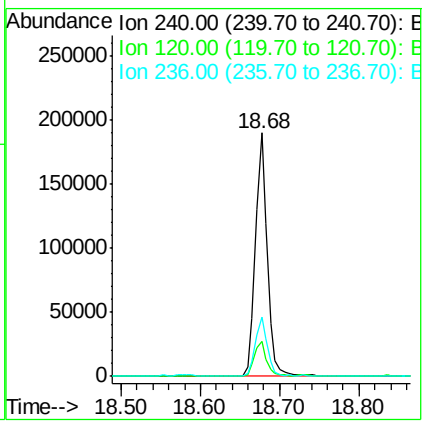


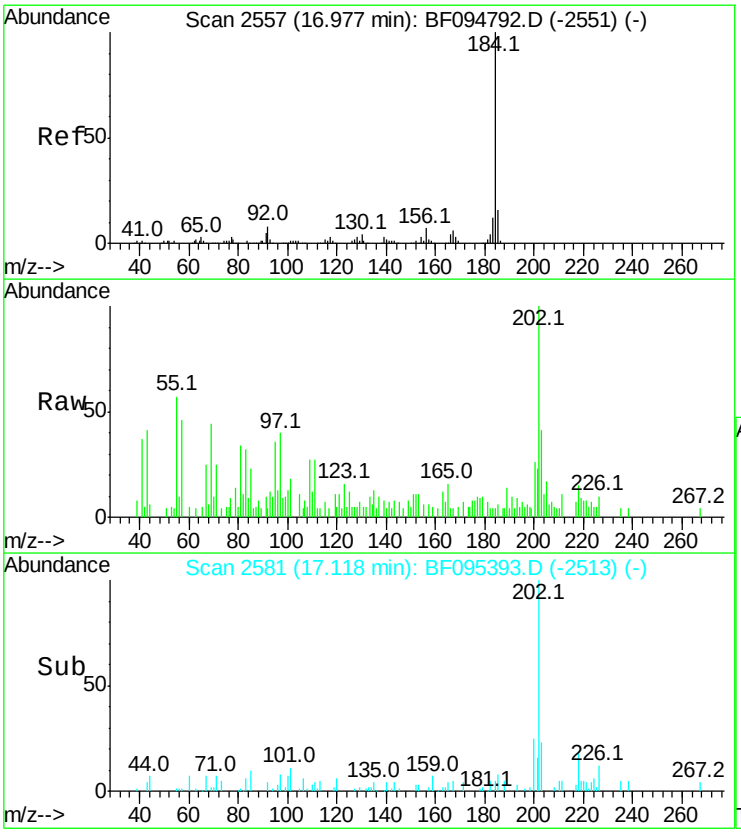
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 200717

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	24.3	20.5	30.7

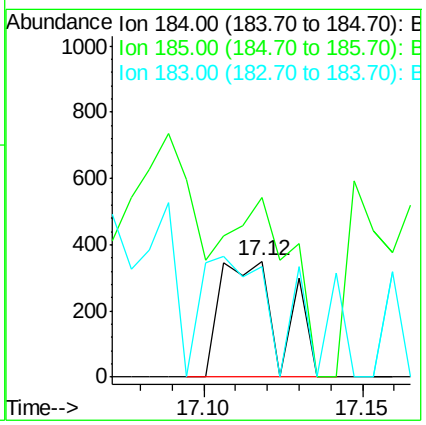


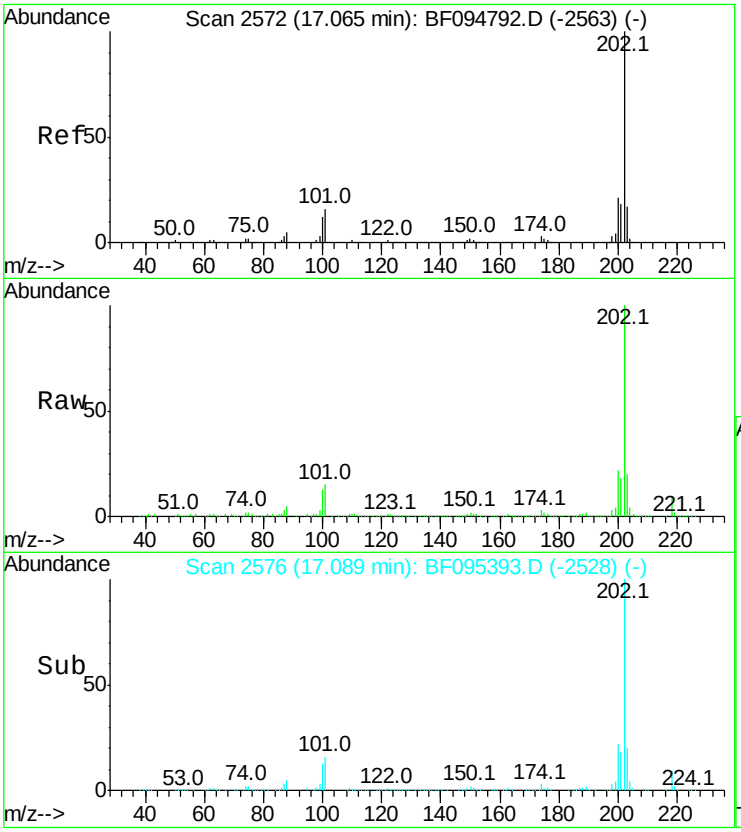


#76
Benzidine
Concen: 6.66 ng
RT: 17.12 min Scan# 2581
Delta R.T. 0.10 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:184 Resp: 461

Ion	Ratio	Lower	Upper
184	100		
185	155.0	15.5	23.3#
183	95.4	9.8	14.6#



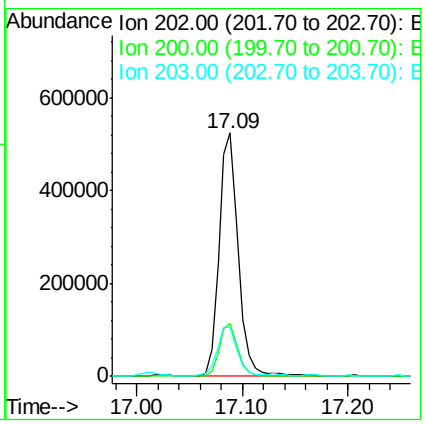


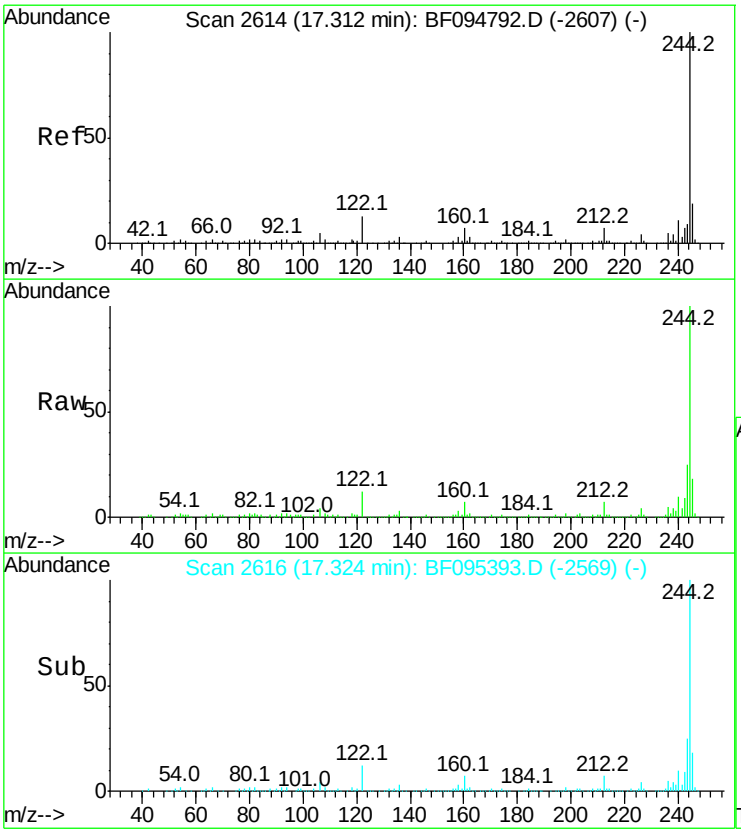
#77
Pyrene
Concen: 43.59 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 654422

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	19.9	14.4	21.6

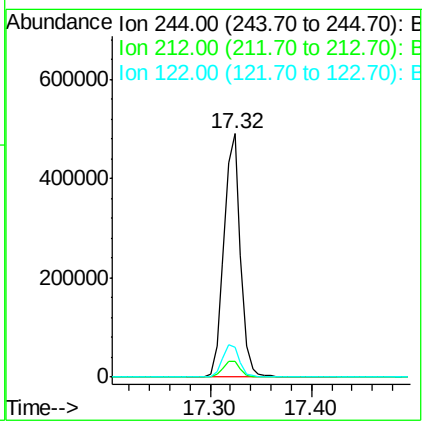


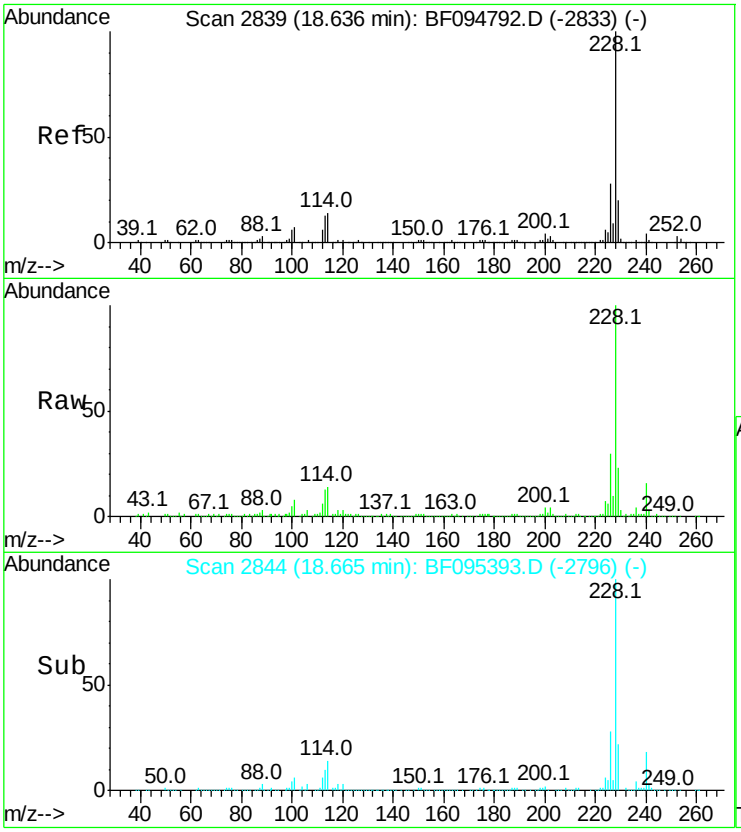


#78
Terphenyl-d14
Concen: 60.83 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:244 Resp: 554343

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	12.2	10.3	15.5



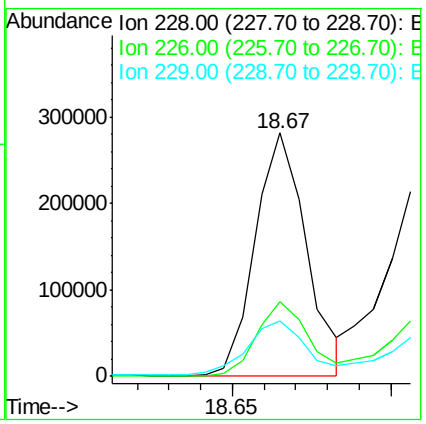


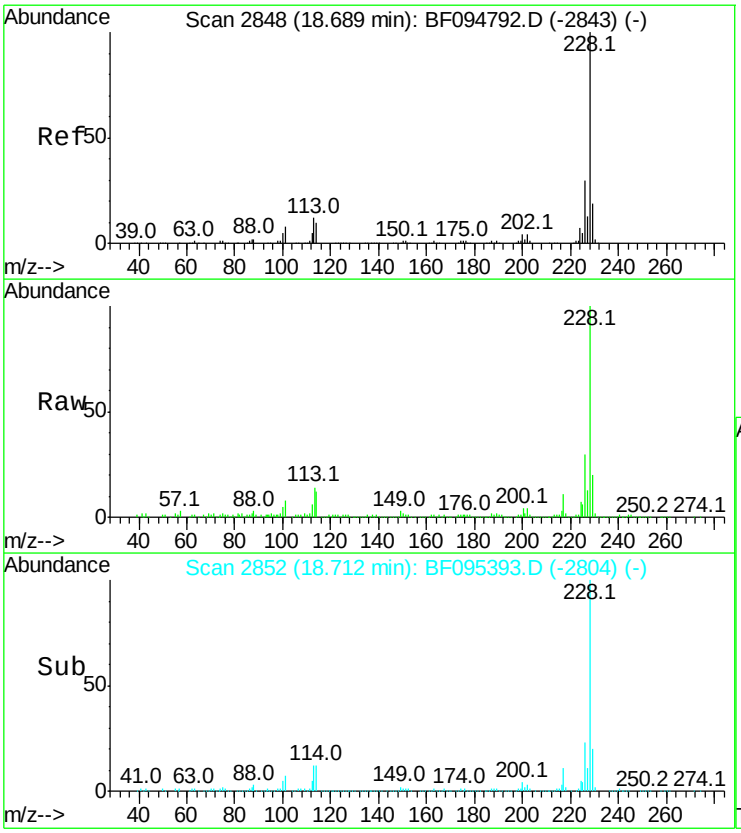
#80
Benzo(a)anthracene
Concen: 26.89 ng
RT: 18.67 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 314161

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	22.8	16.3	24.5

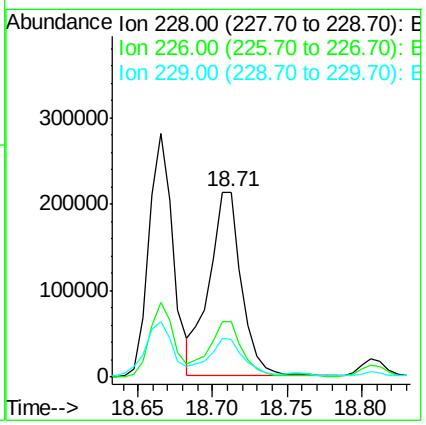


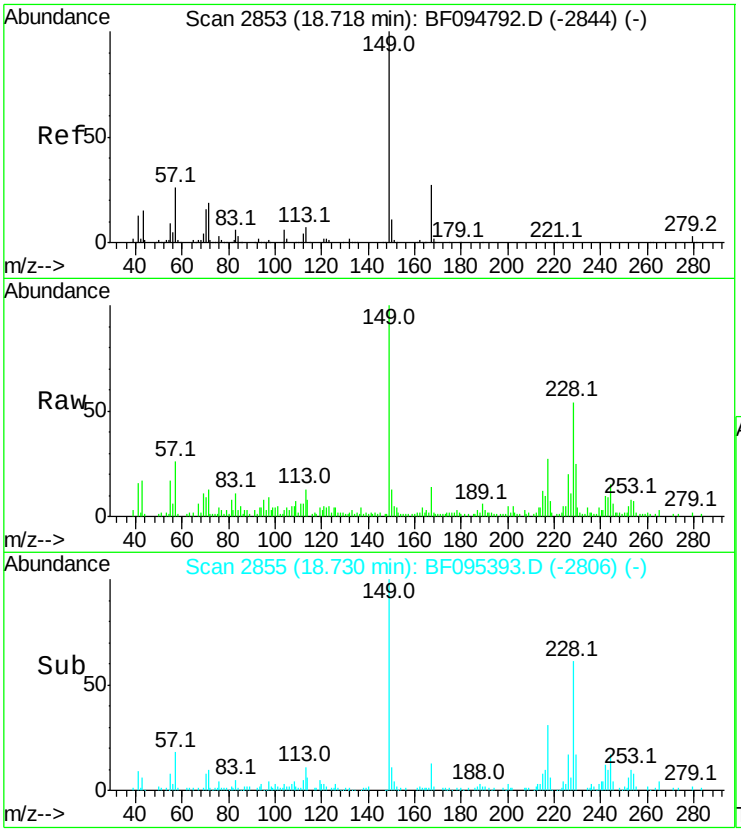


#82
Chrysene
Concen: 28.84 ng
RT: 18.71 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:228 Resp: 325757

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.3	15.8	23.6



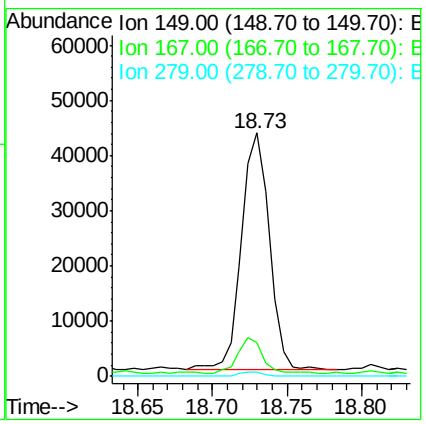


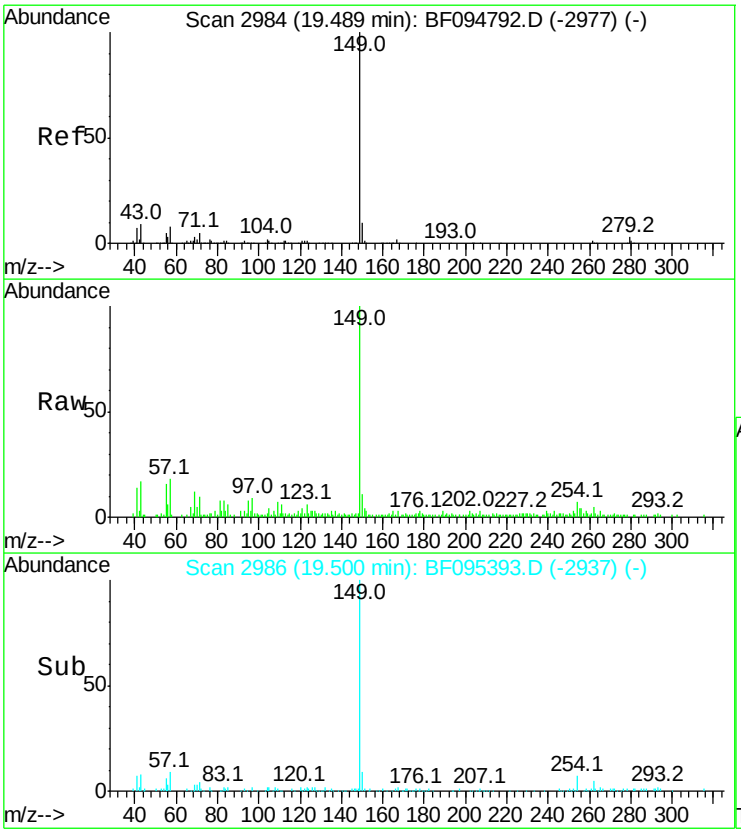
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.58 ng
RT: 18.73 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 55546

Ion	Ratio	Lower	Upper
149	100		
167	13.7	21.0	31.4#
279	1.9	1.9	2.9

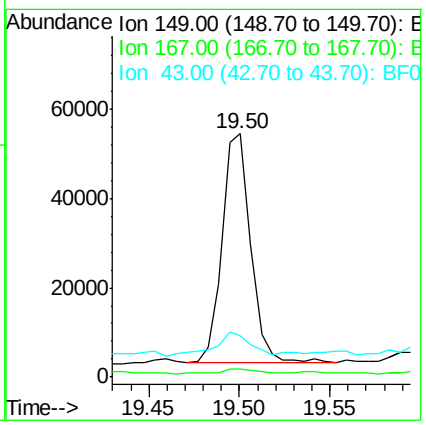


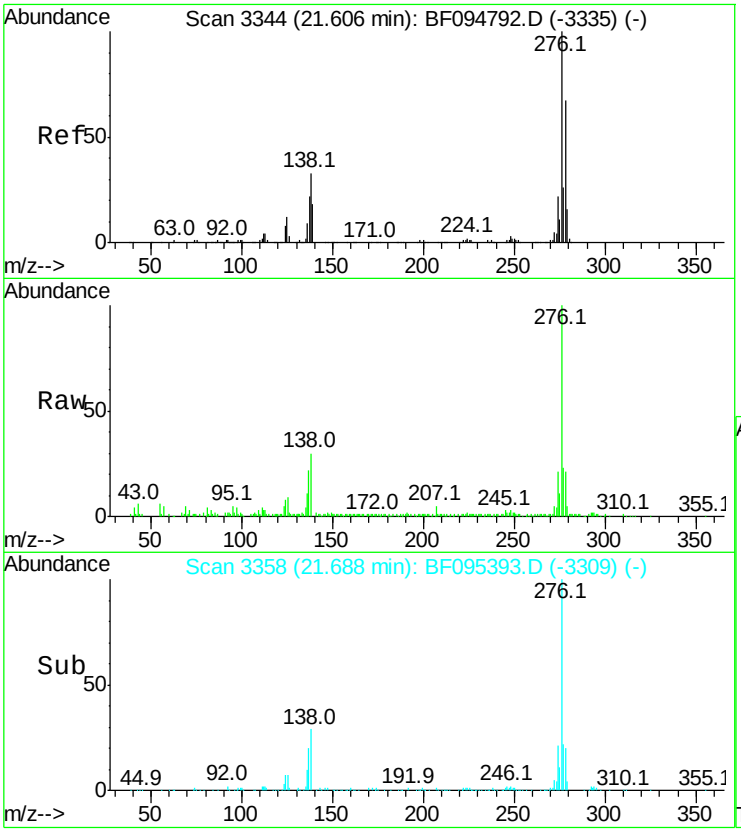


#84
Di-n-octyl phthalate
Concen: 3.45 ng
RT: 19.50 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:149 Resp: 56283

Ion	Ratio	Lower	Upper
149	100		
167	2.7	1.2	1.8#
43	12.7	8.5	12.7



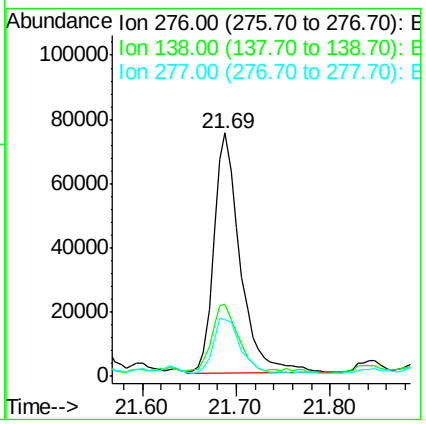


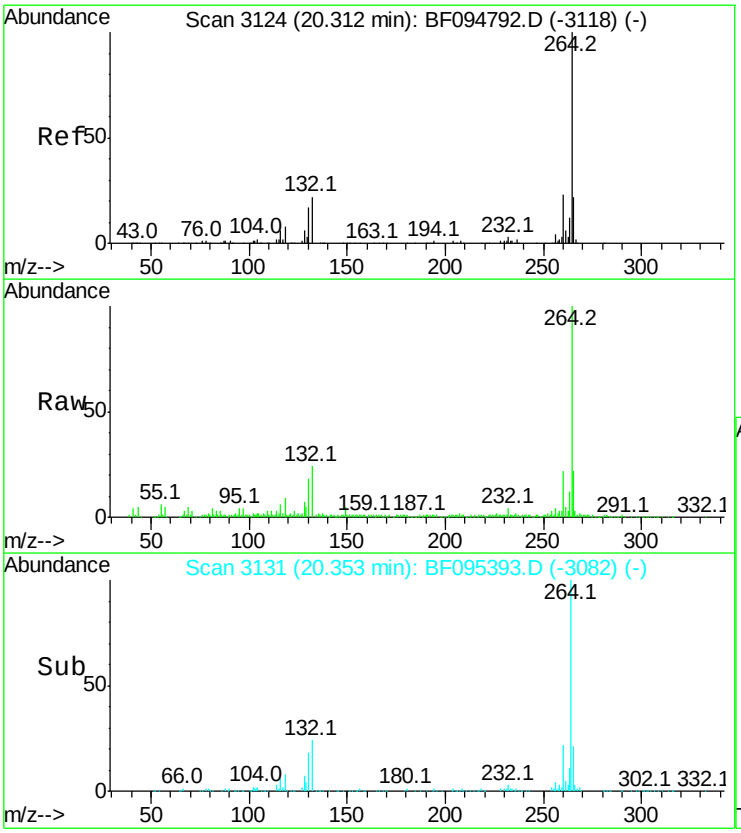
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.90 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 145846

Ion	Ratio	Lower	Upper
276	100		
138	27.3	27.8	41.6#
277	23.6	20.2	30.4

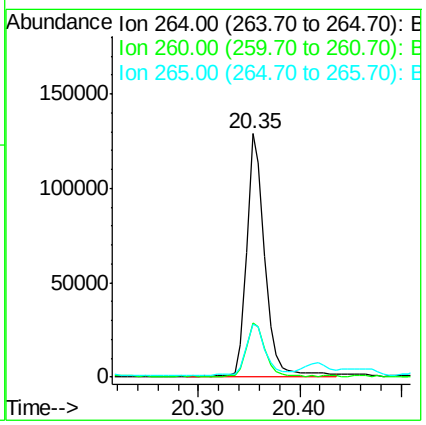


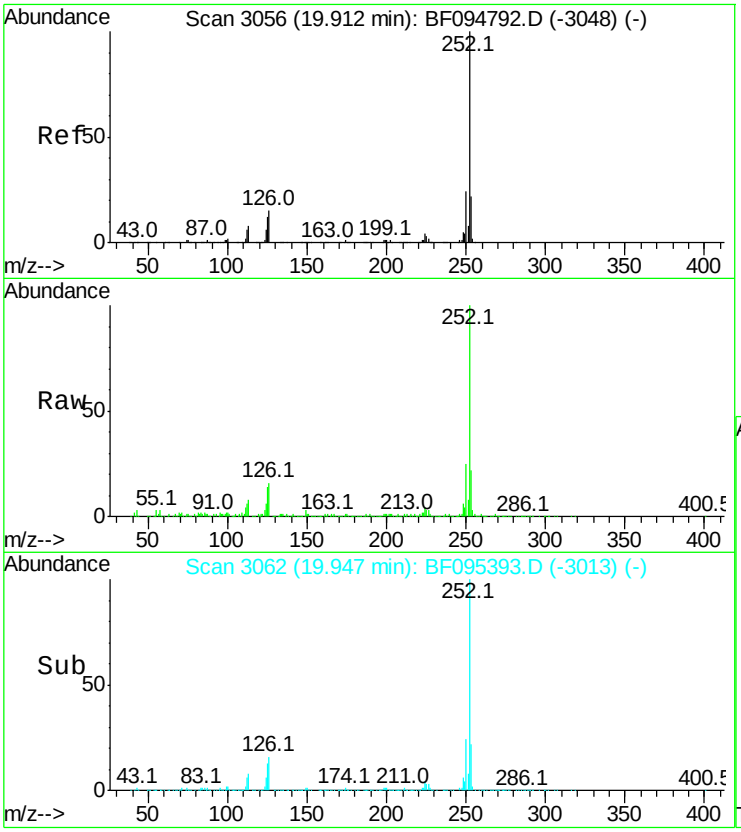


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.35 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:264 Resp: 159226

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.8	17.2	25.8



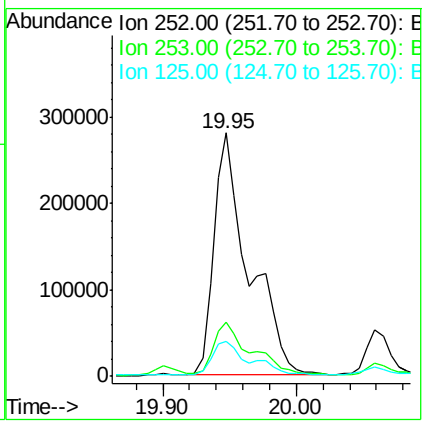


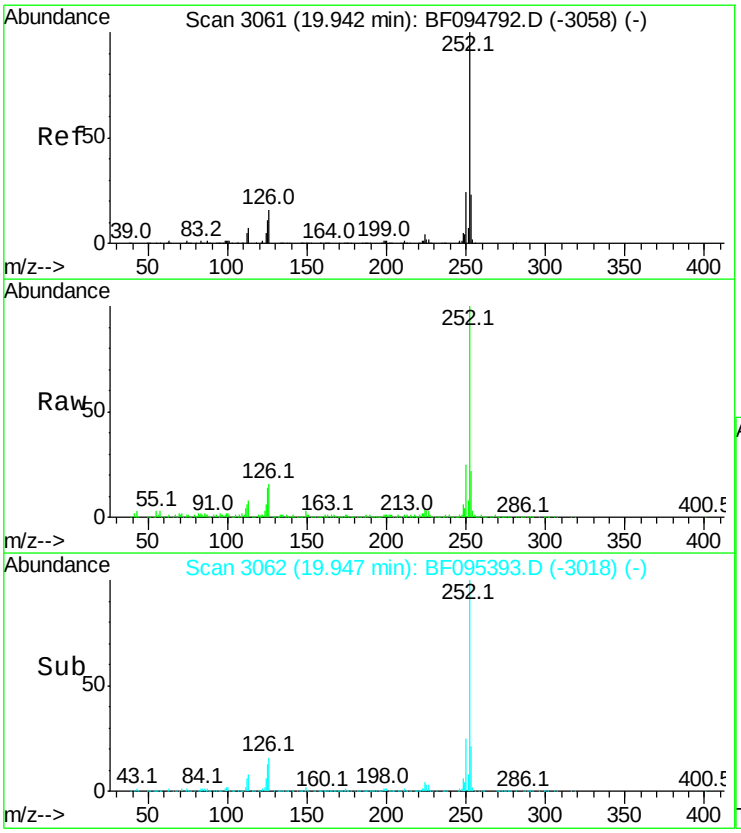
#87
Benzo(b)fluoranthene
Concen: 51.91 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 510724

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.2	9.8	14.8

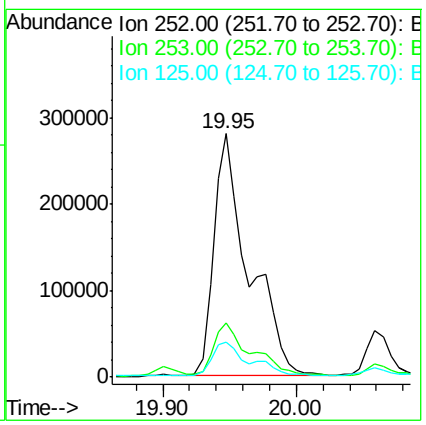


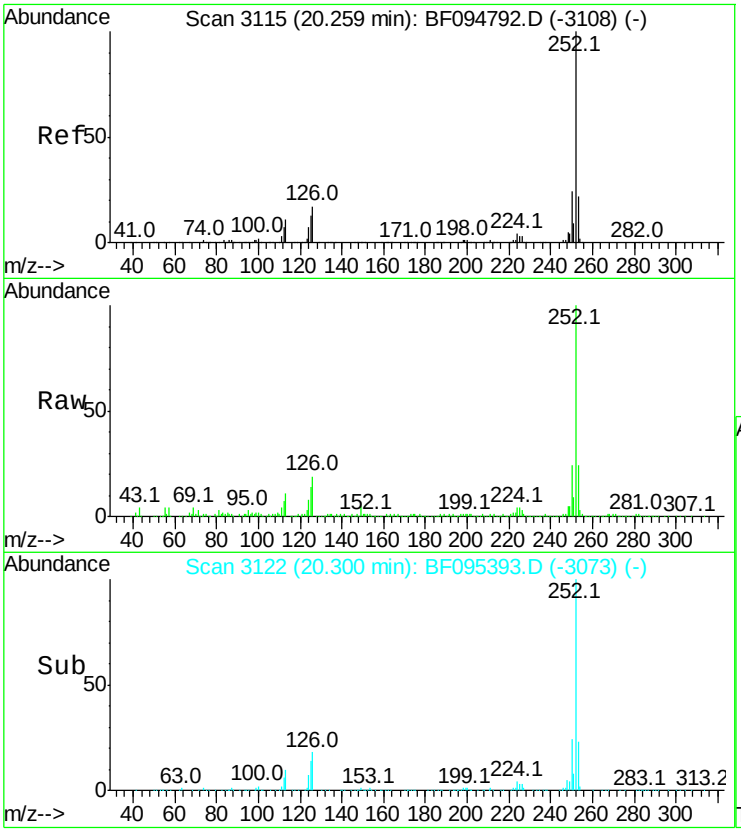


#88
Benzo(k)fluoranthene
Concen: 53.81 ng
RT: 19.95 min Scan# 3062
Delta R.T. -0.04 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:252 Resp: 510724

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	14.2	13.1	19.7



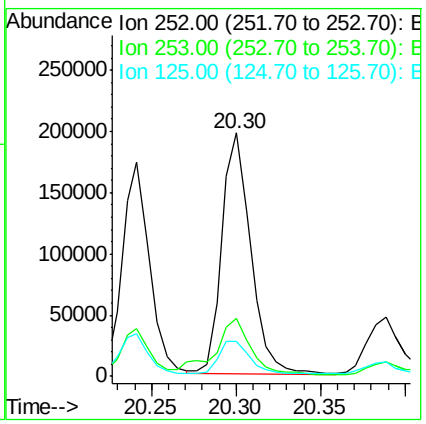


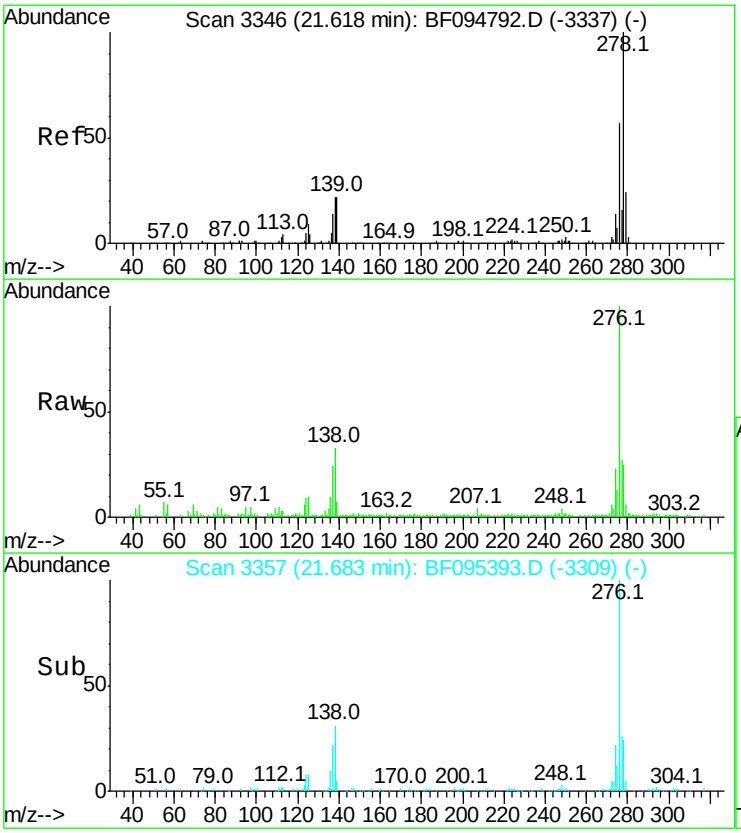
#89
Benzo(a)pyrene
Concen: 25.91 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 235200

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	14.4	11.0	16.4

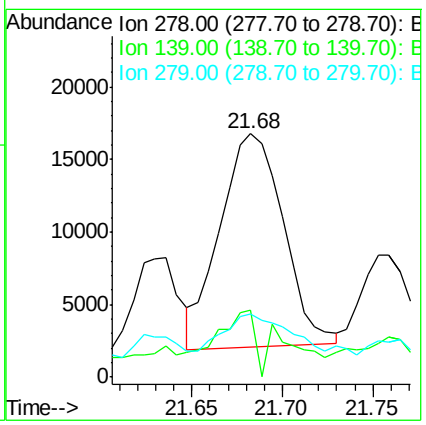


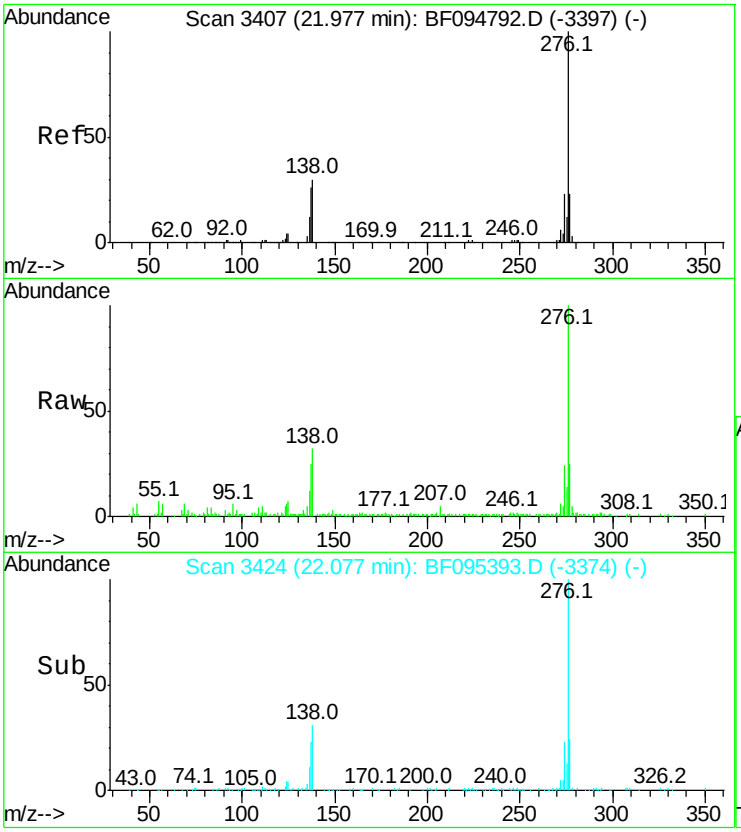


#90
Dibenzo(a,h)anthracene
Concen: 4.77 ng
RT: 21.68 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Tgt Ion:278 Resp: 35751

Ion	Ratio	Lower	Upper
278	100		
139	27.4	16.6	24.8#
279	25.9	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 19.94 ng
RT: 22.08 min Scan# 3424
Delta R.T. -0.01 min
Lab File: BF095393.D
Acq: 24 May 2017 17:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 146719

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	31.7	25.4	38.0