Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095170.D
Acq On : 16 May 2017 22:39
Operator : SJ/MA
Sample : I3167-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 17 05:58:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	101905	20.00	ng		0.05
21) Naphthalene-d8	9.79	136	403618	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	175740	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	264852	20.00	ng		0.04
75) Chrysene-d12	18.69	240	204525	20.00	ng		0.04
86) Perylene-d12	20.37	264	173739	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	605813	99.11	ng		0.06
7) Phenol-d6	7.31	99	758724	103.46	ng		0.04
23) Nitrobenzene-d5	8.67	82	418792	65.43	ng		0.04
41) 2,4,6-Tribromophenol	13.92	330	129900	90.26	ng		0.04
44) 2-Fluorobiphenyl	11.56	172	711771	58.30	ng		0.03
78) Terphenyl-d14	17.34	244	374922	40.38	ng		0.02
Target Compounds							Qvalue
10) Phenol	7.34	94	15642	2.02	ng	#	46
19) n-Nitroso-di-n-propylamine	8.67	70	51719	10.43	ng	#	77
31) Naphthalene	9.82	128	51169	2.52	ng		96
49) Dimethylphthalate	12.25	163	106314	7.37	ng		99
51) Acenaphthene	12.67	154	31208	2.79	ng		98
54) Dibenzofuran	12.97	168	37760	2.44	ng		95
55) 4-Nitrophenol	12.97	139	13486	7.11	ng	#	25
57) Fluorene	13.52	166	28033	2.08	ng	#	95
70) Phenanthrene	15.06	178	434261	28.54	ng		98
71) Anthracene	15.15	178	73489	4.73	ng		94
74) Fluoranthene	16.80	202	381412	24.43	ng		98
77) Pyrene	17.10	202	324000	21.18	ng		95
80) Benzo(a)anthracene	18.68	228	110955	9.32	ng		98
82) Chrysene	18.72	228	109609	9.52	ng		98
85) Indeno(1,2,3-cd)pyrene	21.71	276	34829	3.73	ng		92
87) Benzo(b)fluoranthene	19.96	252	151479	14.11	ng	#	97
88) Benzo(k)fluoranthene	19.96	252	151479	14.63	ng		99
89) Benzo(a)pyrene	20.31	252	77928	7.87	ng		94
91) Benzo(g,h,i)perylene	22.10	276	37841	4.71	ng		94

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

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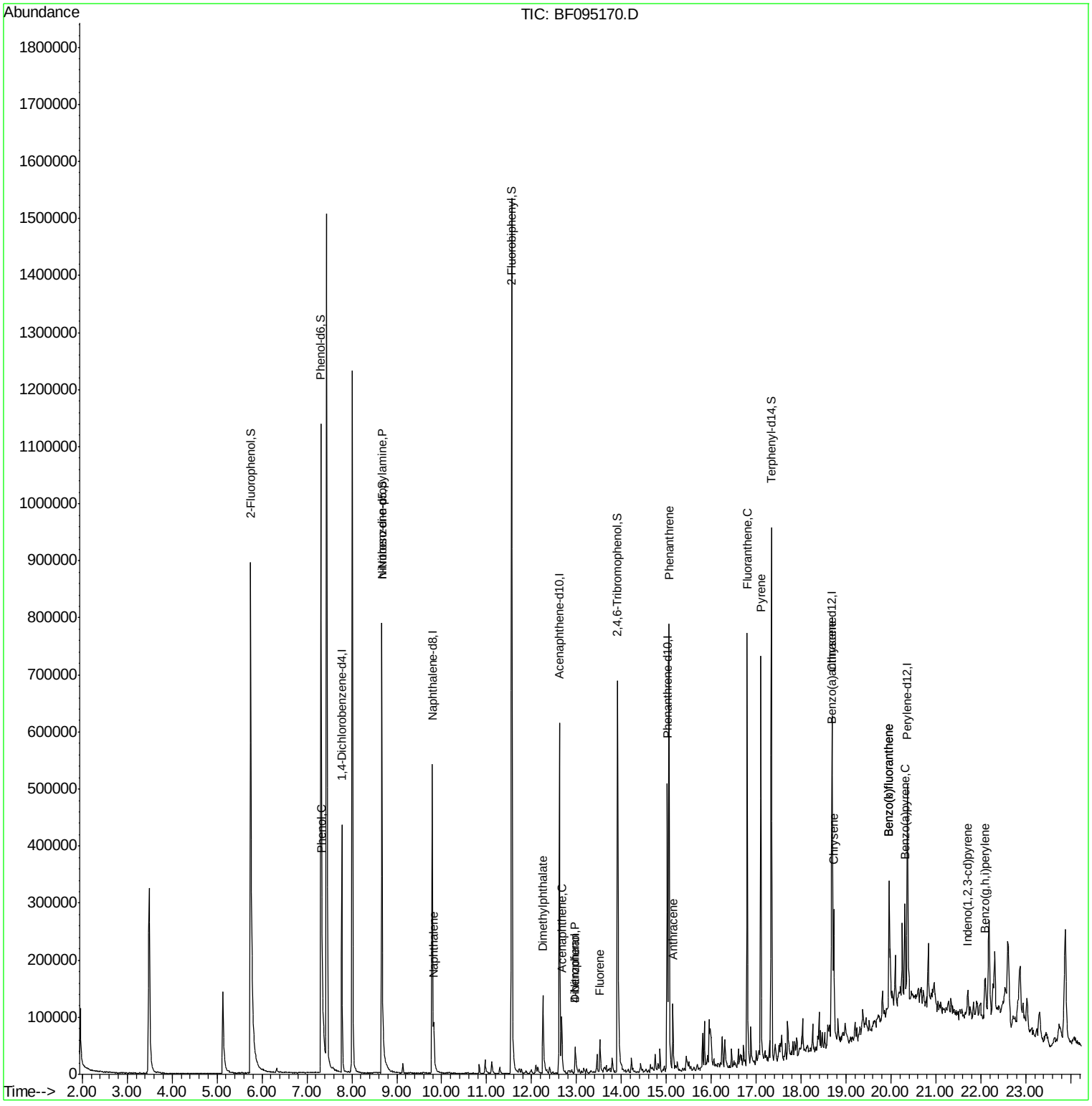
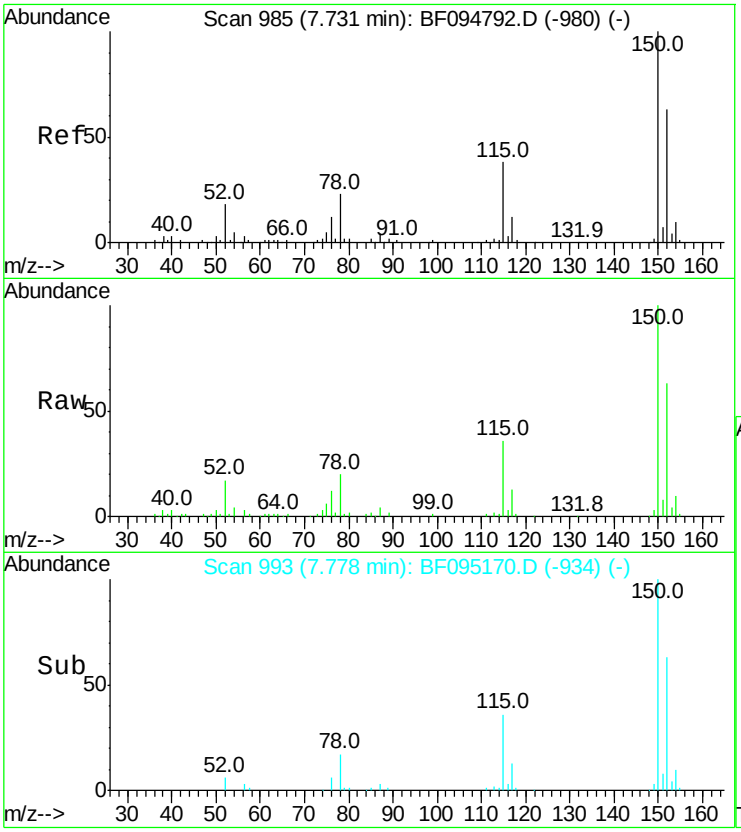


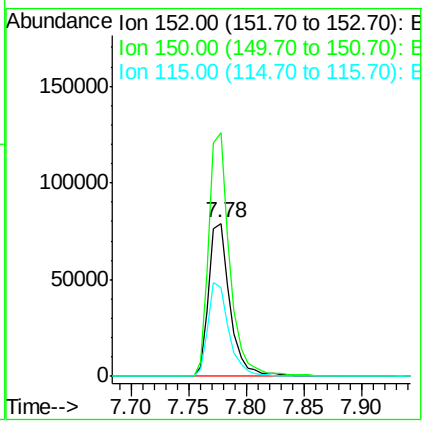


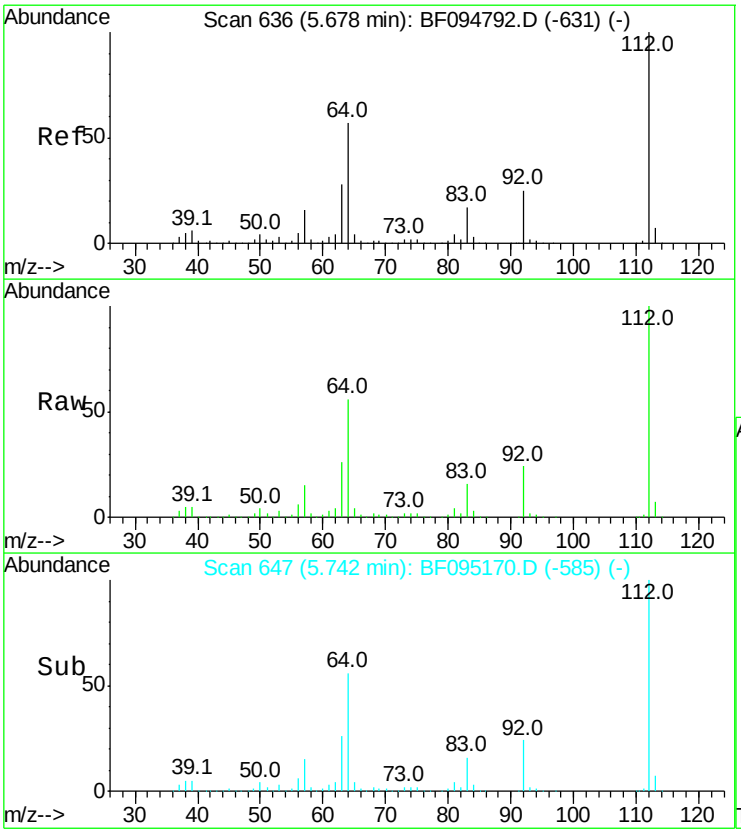
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101905

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	57.9	52.2	78.2

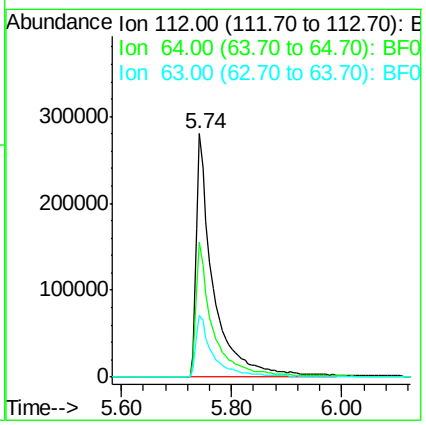


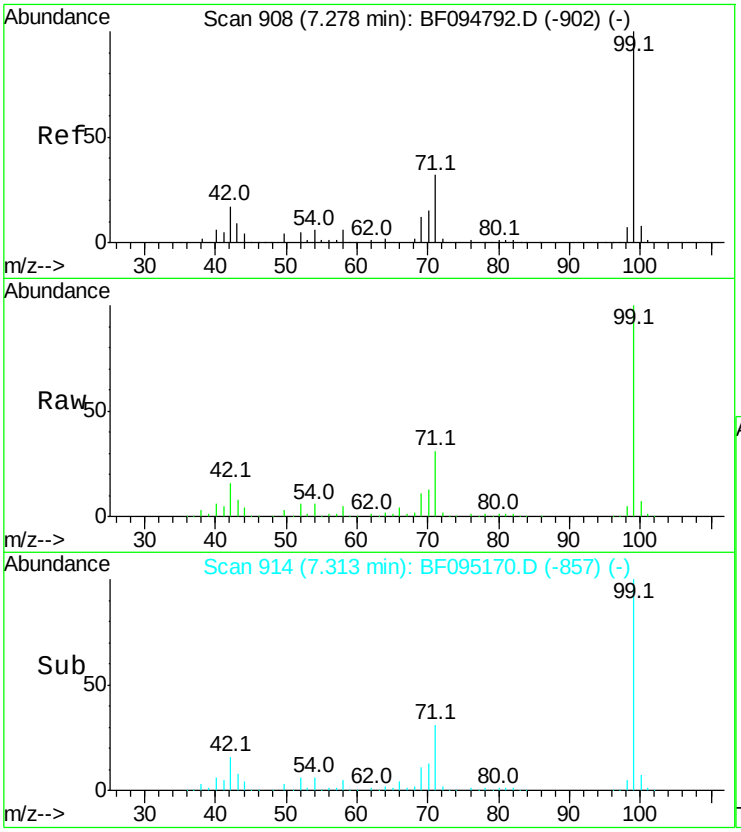


#5
2-Fluorophenol
Concen: 99.11 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:112 Resp: 605813

Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	25.6	23.4	35.0



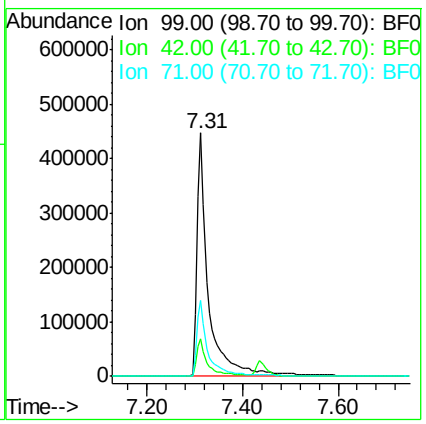


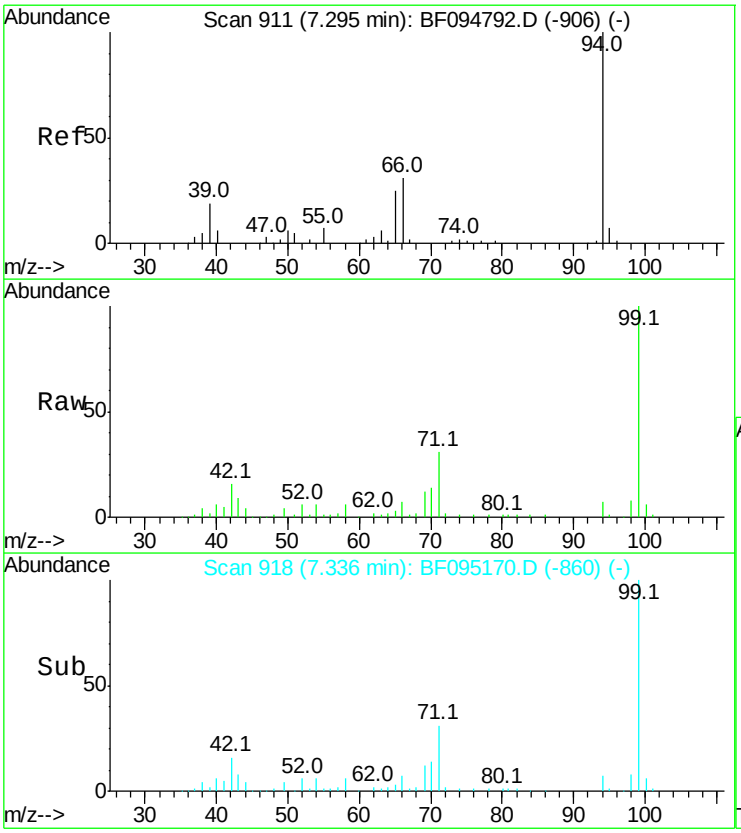
#7
Phenol-d6
Concen: 103.46 ng
RT: 7.31 min Scan# 914
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 758724

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	31.1	24.5	36.7

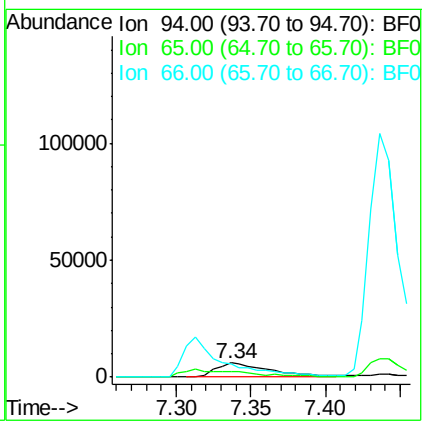


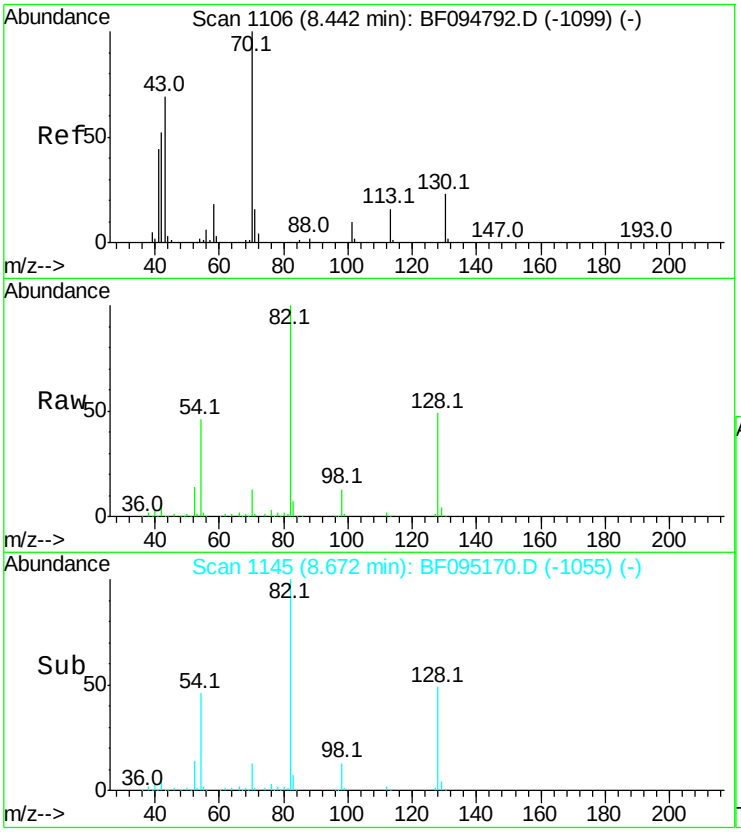


#10
Phenol
Concen: 2.02 ng
RT: 7.34 min Scan# 918
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion: 94 Resp: 15642

Ion	Ratio	Lower	Upper
94	100		
65	38.3	9.9	49.9
66	95.3	23.1	63.1#



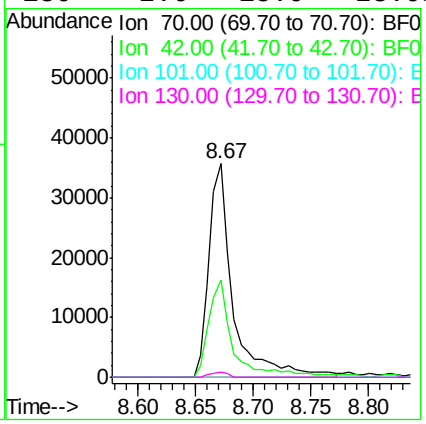


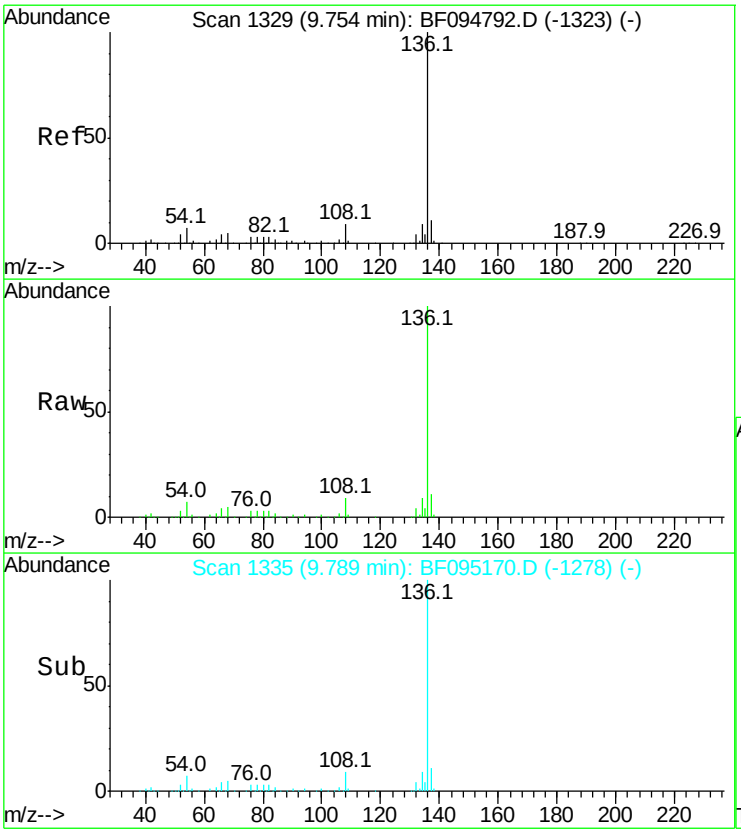
#19
n-Nitroso-di-n-propylamine
Concen: 10.43 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.23 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 51719

Ion	Ratio	Lower	Upper
70	100		
42	45.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#

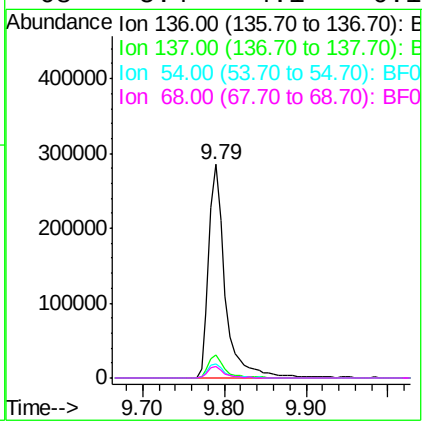


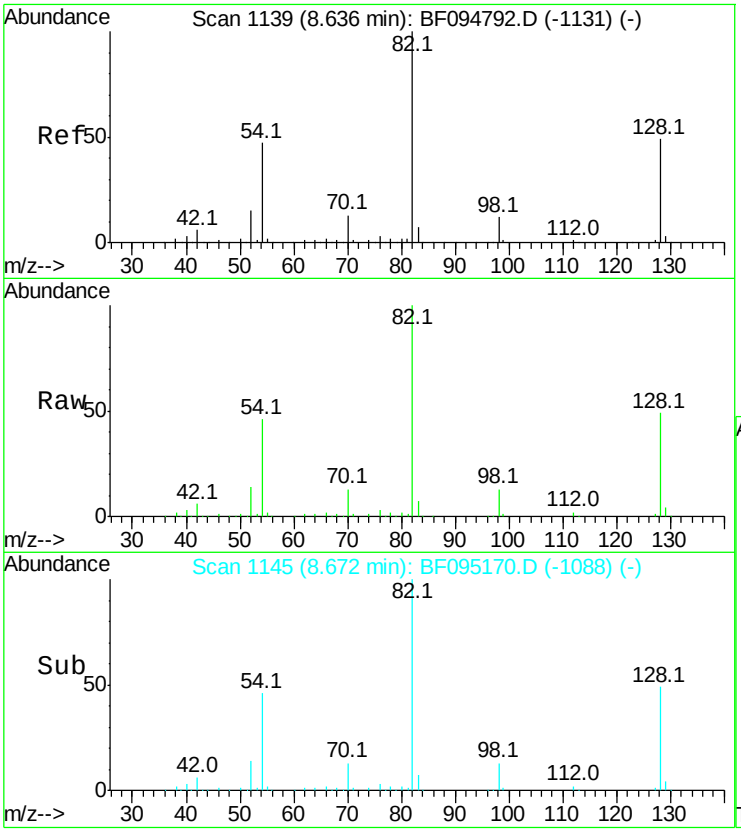


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:136 Resp: 403618

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.8	4.9	7.3
68	5.4	4.1	6.1



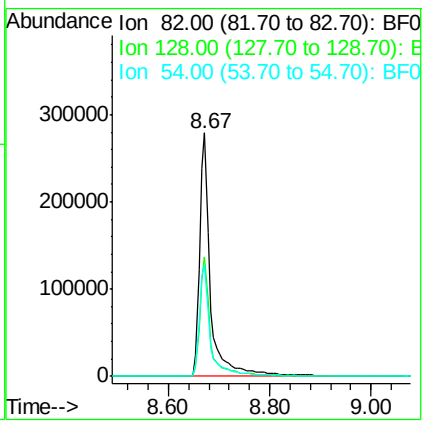


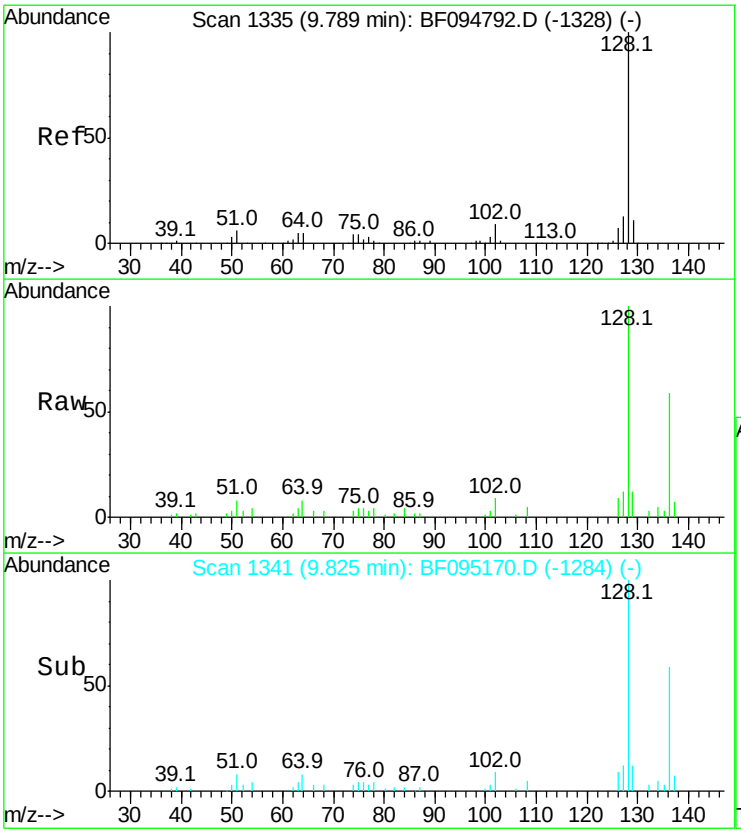
#23
Nitrobenzene-d5
Concen: 65.43 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 418792

Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.0	51.0
54	45.8	42.2	63.2

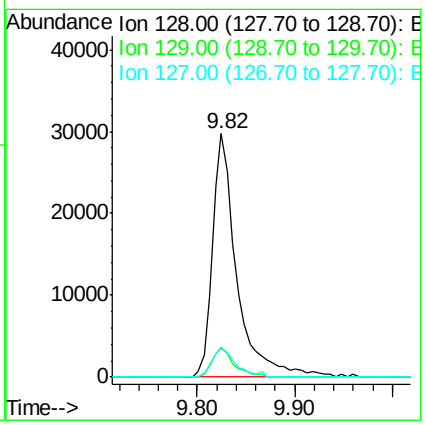


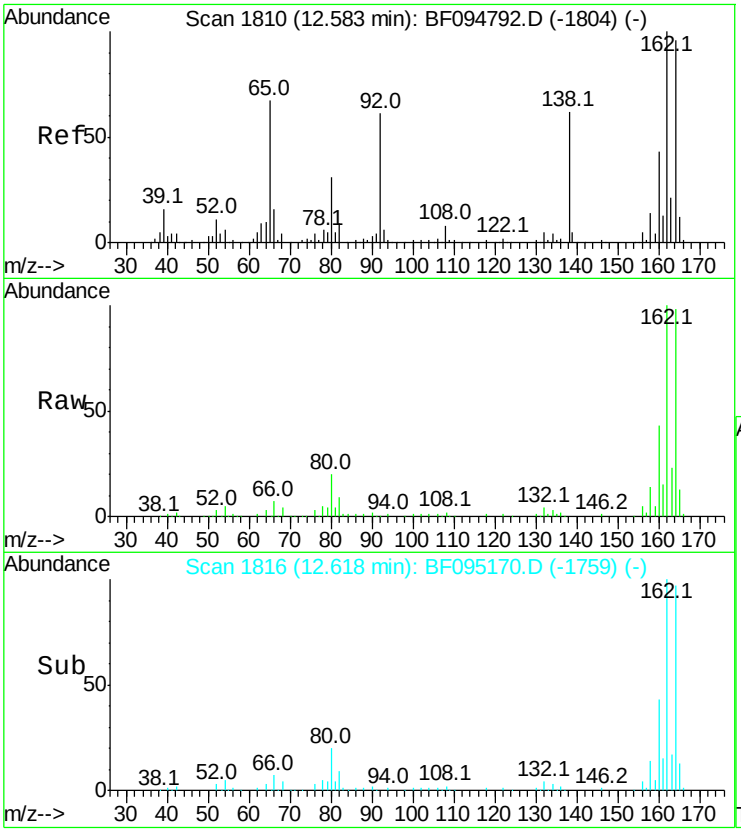


#31
Naphthalene
Concen: 2.52 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:128 Resp: 51169

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.0	13.6
127	11.8	10.8	16.2



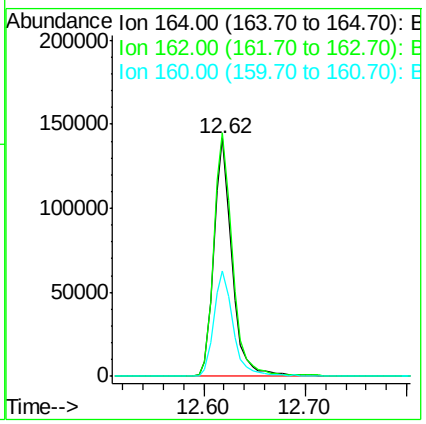


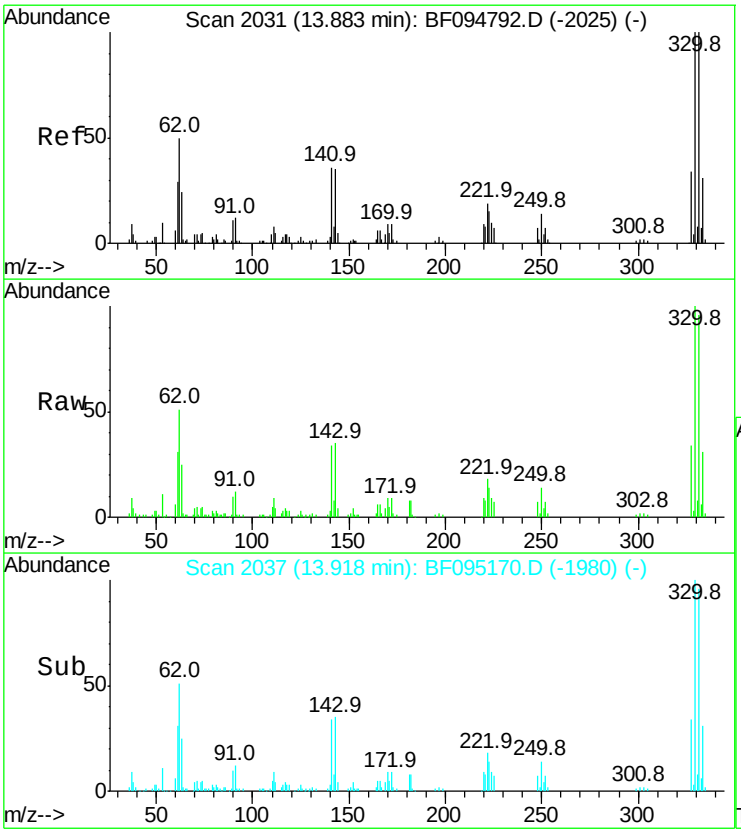
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 175740

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	44.3	36.2	54.2

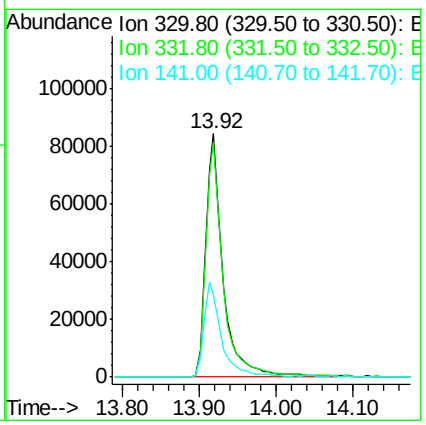


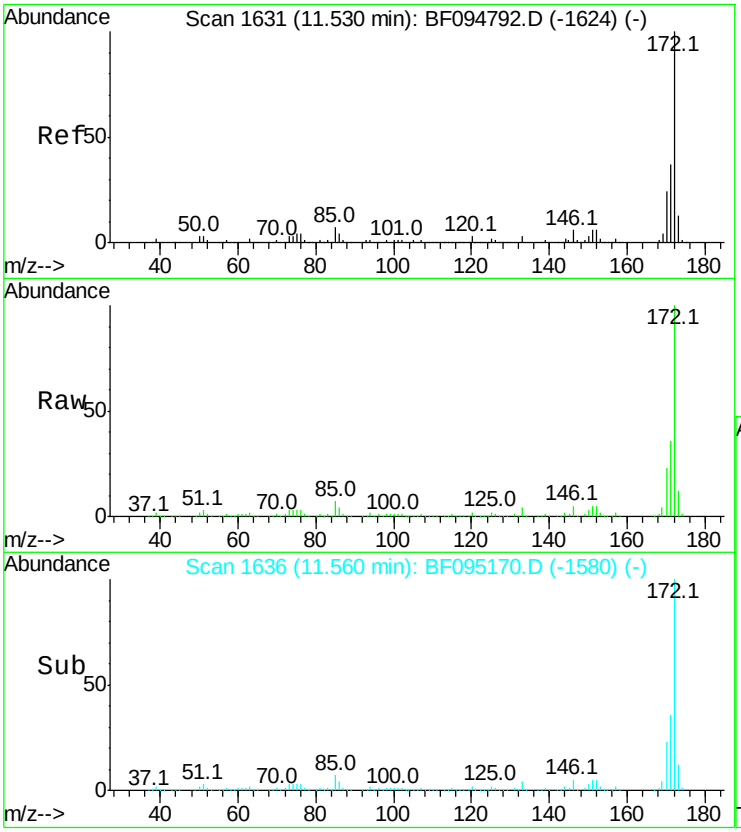


#41
2,4,6-Tribromophenol
Concen: 90.26 ng
RT: 13.92 min Scan# 2037
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:330 Resp: 129900

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	39.5	31.4	47.2



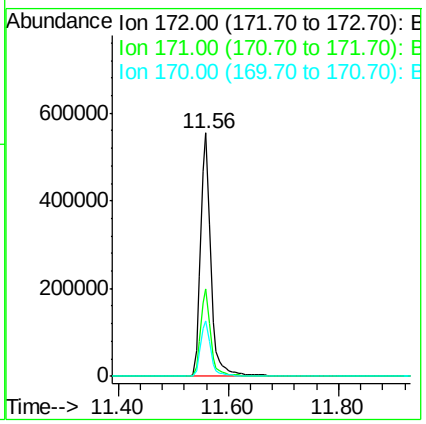


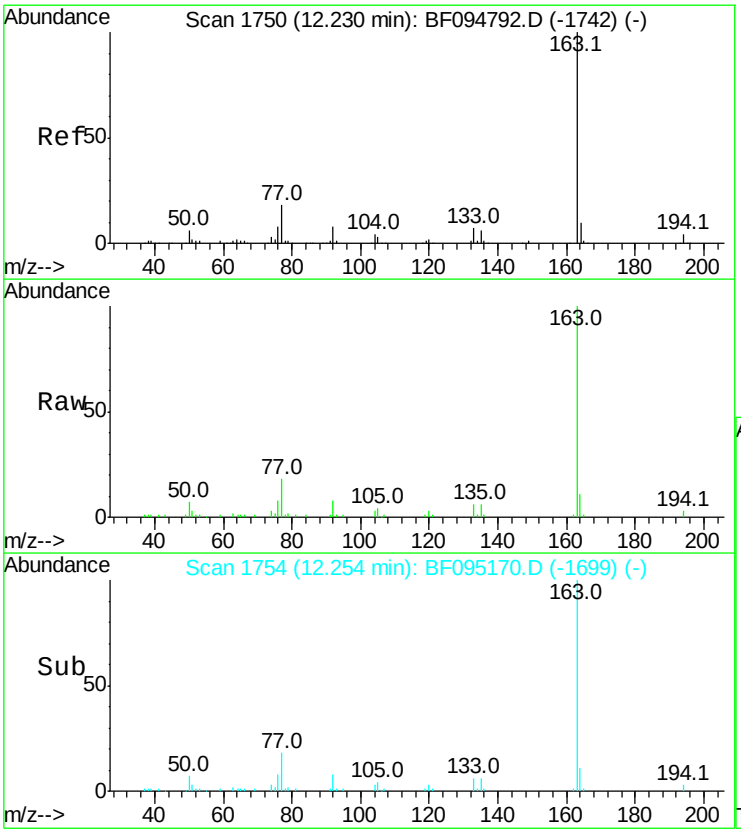
#44
2-Fluorobiphenyl
Concen: 58.30 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.03 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 711771

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.0	19.8	29.8

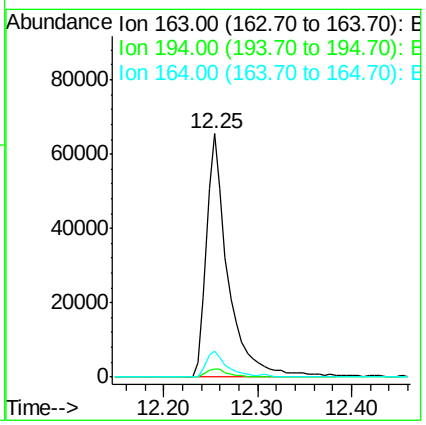


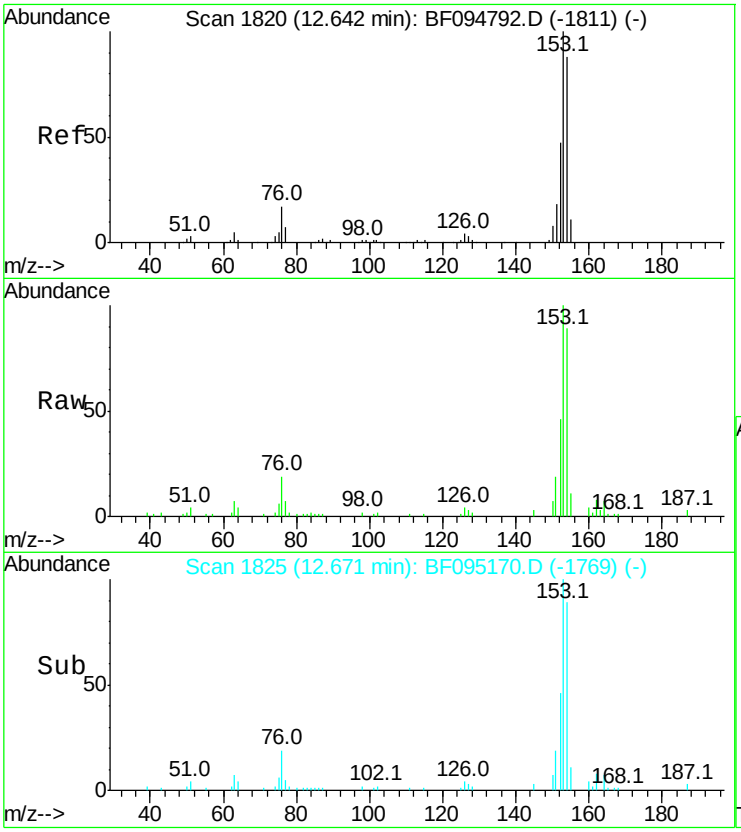


#49
Dimethylphthalate
Concen: 7.37 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:163 Resp: 106314

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.9	8.4	12.6



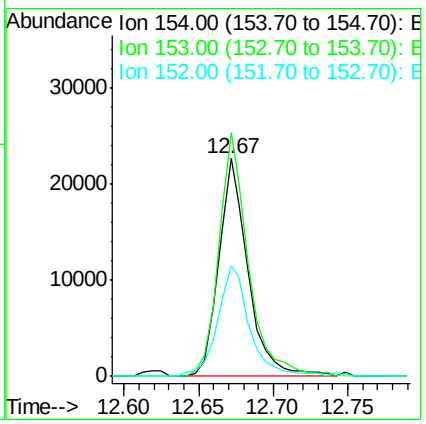


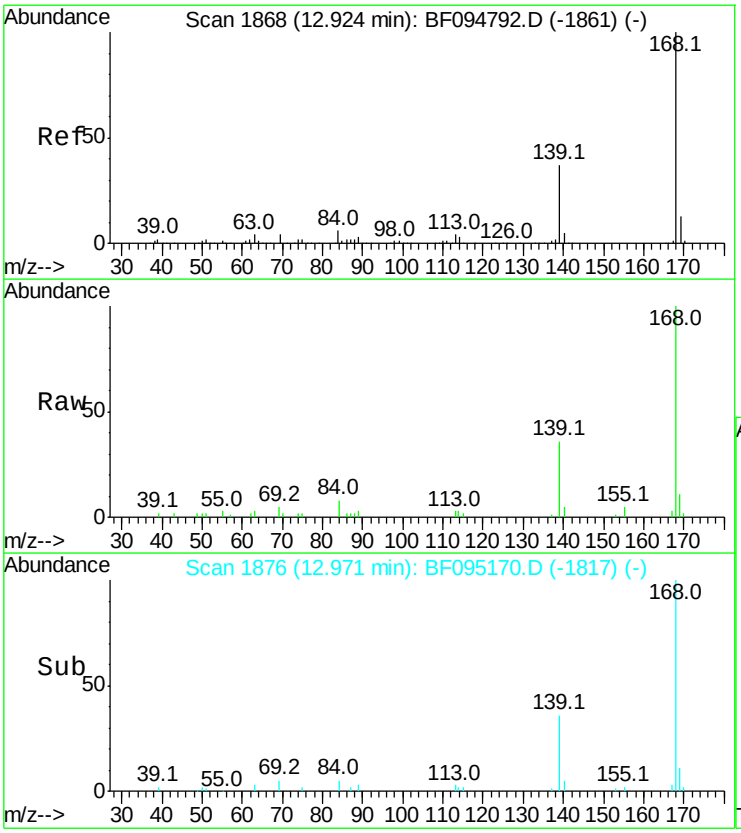
#51
Acenaphthene
Concen: 2.79 ng
RT: 12.67 min Scan# 1825
Delta R.T. 0.03 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 31208

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.5	135.7
152	51.0	43.6	65.4

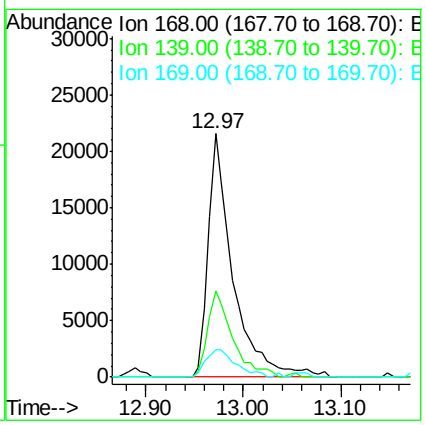


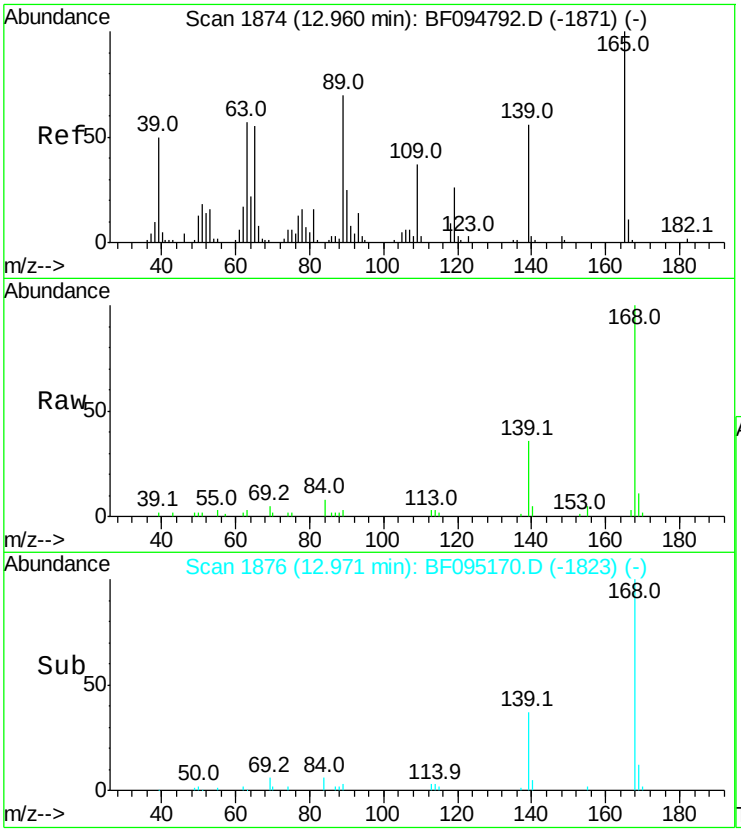


#54
Dibenzofuran
Concen: 2.44 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.05 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:168 Resp: 37760

Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.6	45.8
169	11.4	10.8	16.2



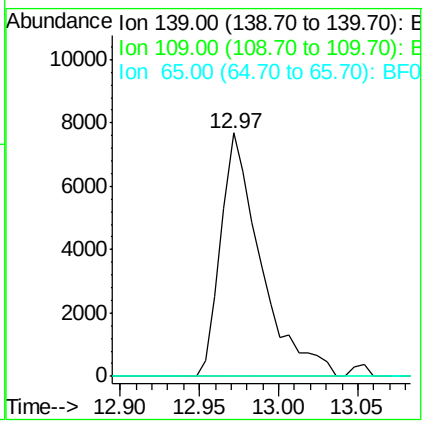


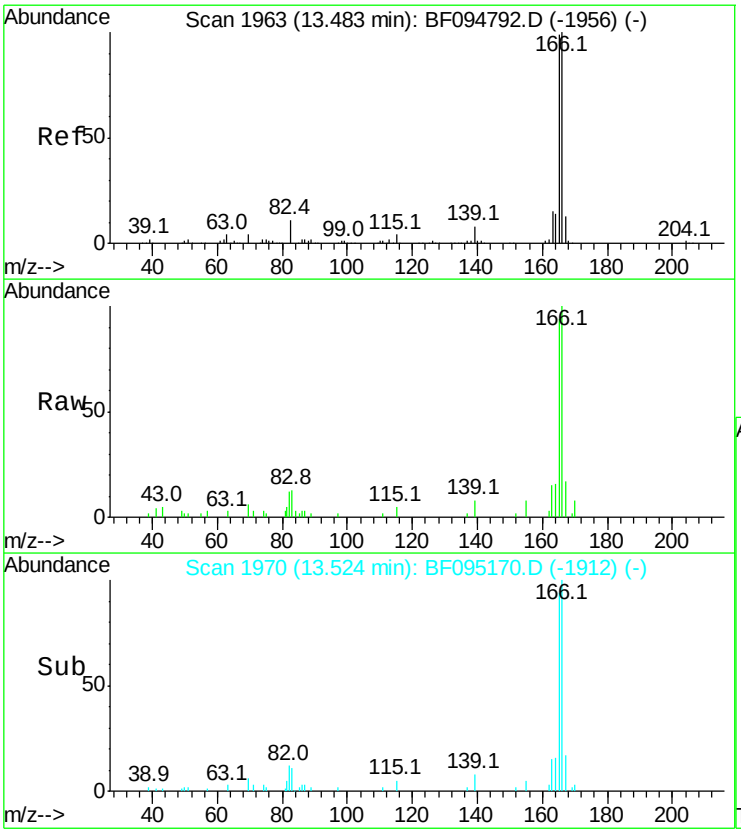
#55
4-Nitrophenol
Concen: 7.11 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 13486

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

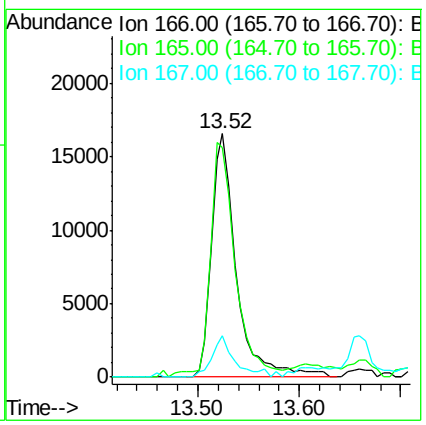


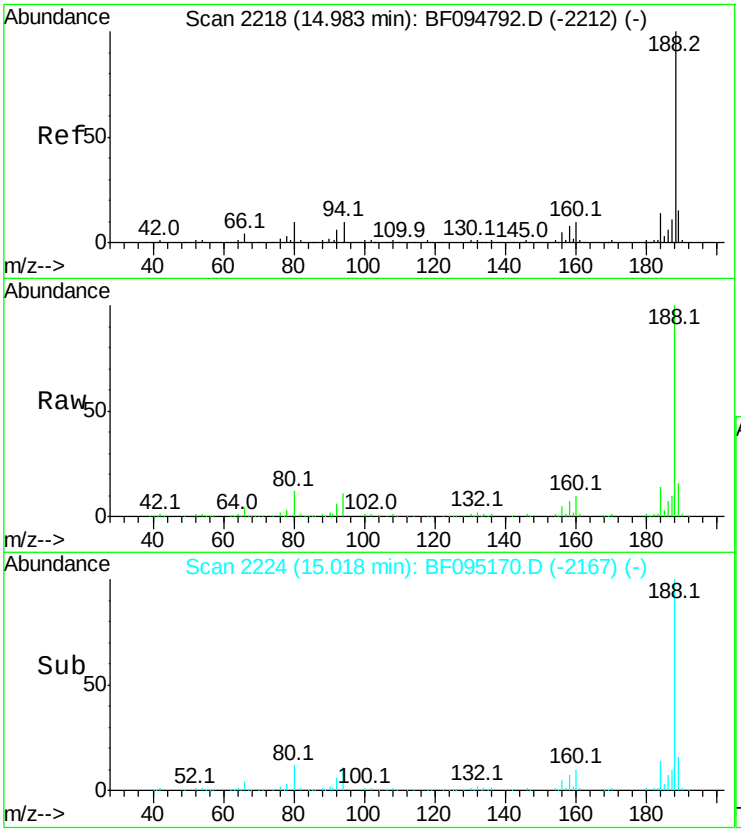


#57
Fluorene
Concen: 2.08 ng
RT: 13.52 min Scan# 1970
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:166 Resp: 28033

Ion	Ratio	Lower	Upper
166	100		
165	94.4	78.8	118.2
167	16.9	10.6	16.0#



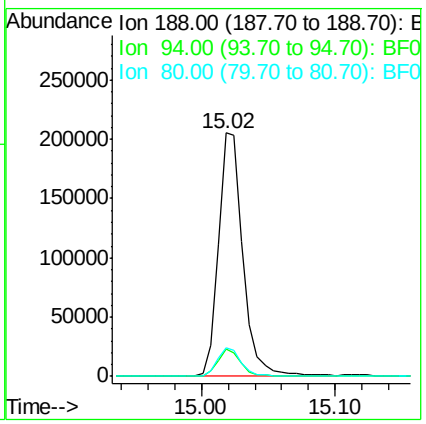


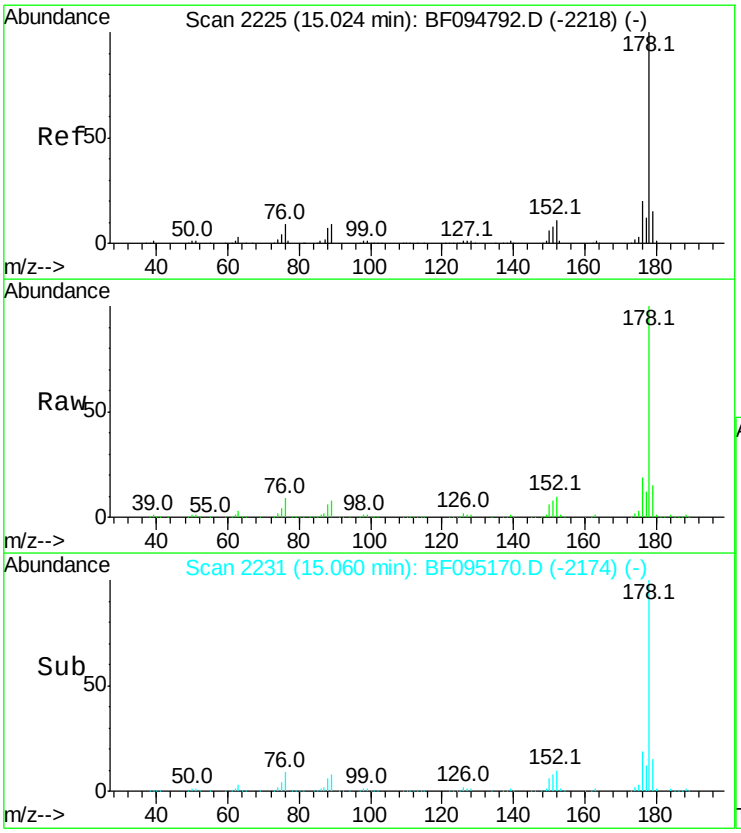
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 264852

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.7	10.2	15.2

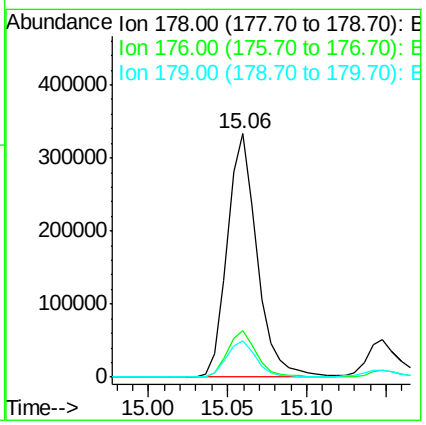


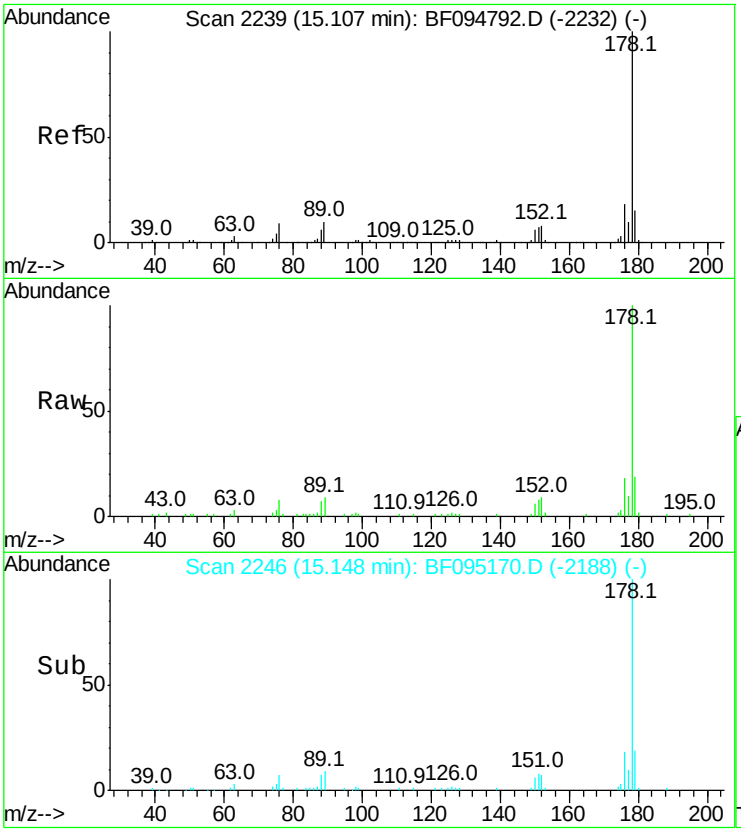


#70
Phenanthrene
Concen: 28.54 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:178 Resp: 434261

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.1	12.6	19.0



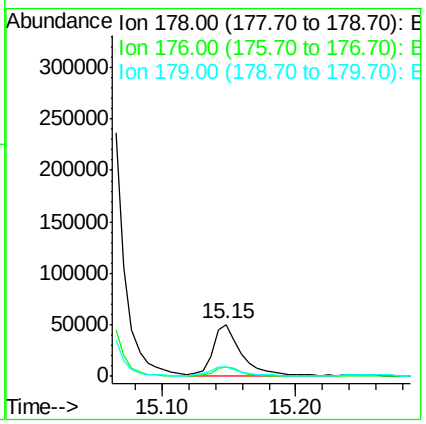


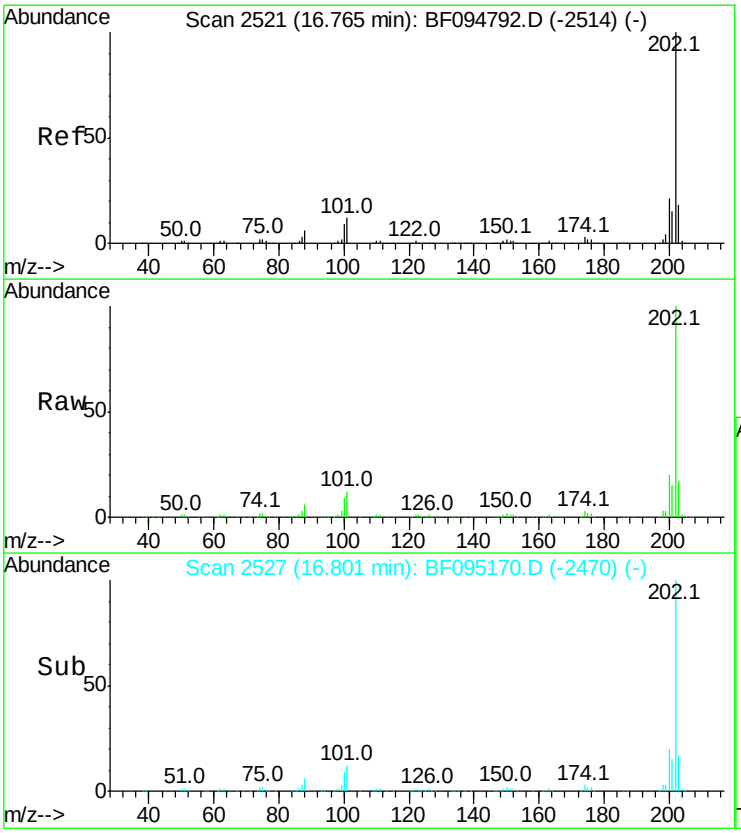
#71
Anthracene
Concen: 4.73 ng
RT: 15.15 min Scan# 2246
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 73489

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	19.0	12.7	19.1

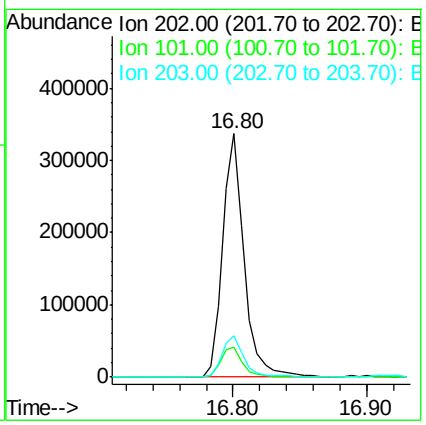


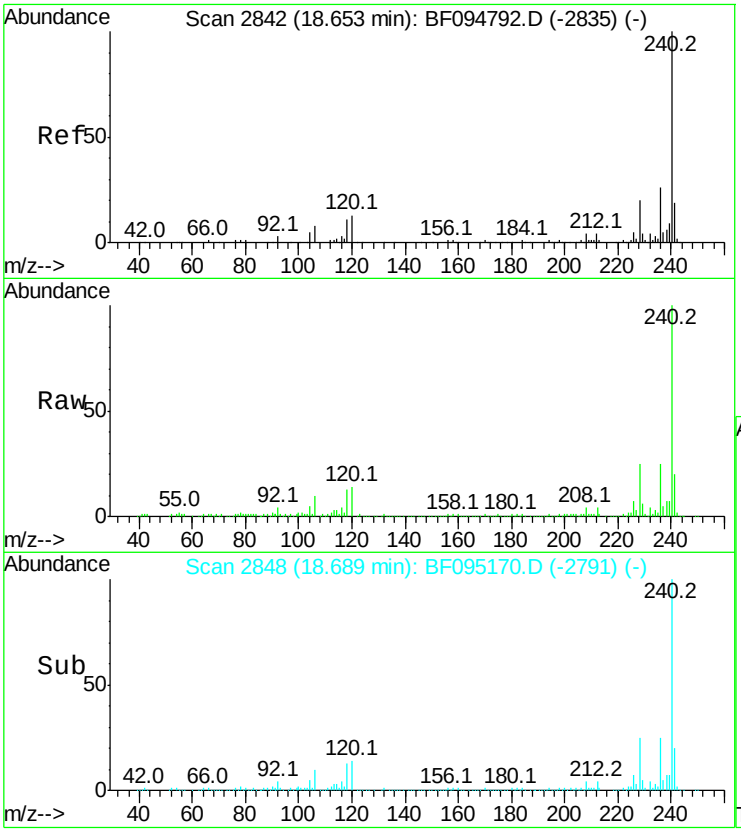


#74
Fluoranthene
Concen: 24.43 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:202 Resp: 381412

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.2
203	17.2	0.0	38.1



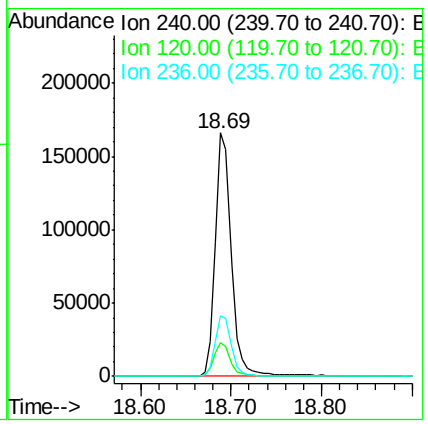


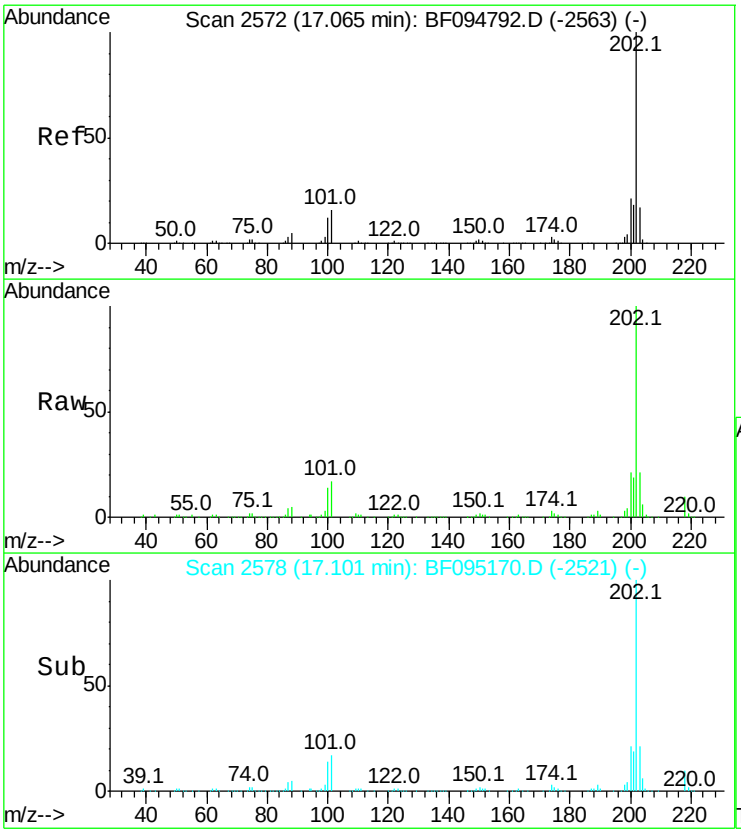
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 204525

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	24.9	20.5	30.7

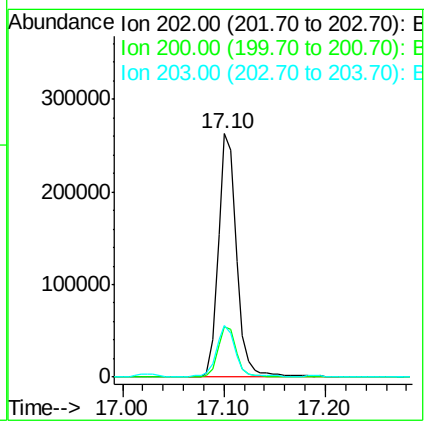


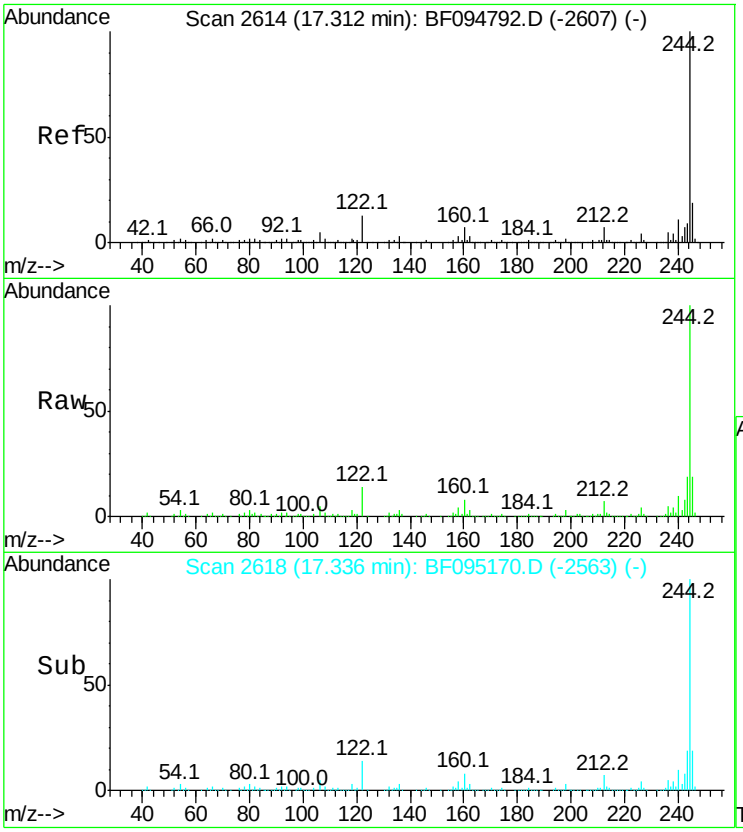


#77
Pyrene
Concen: 21.18 ng
RT: 17.10 min Scan# 2578
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:202 Resp: 324000

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	21.4	14.4	21.6



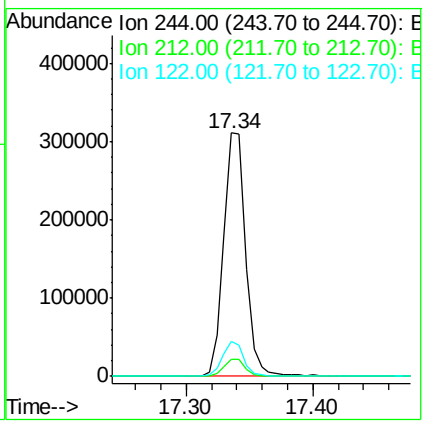


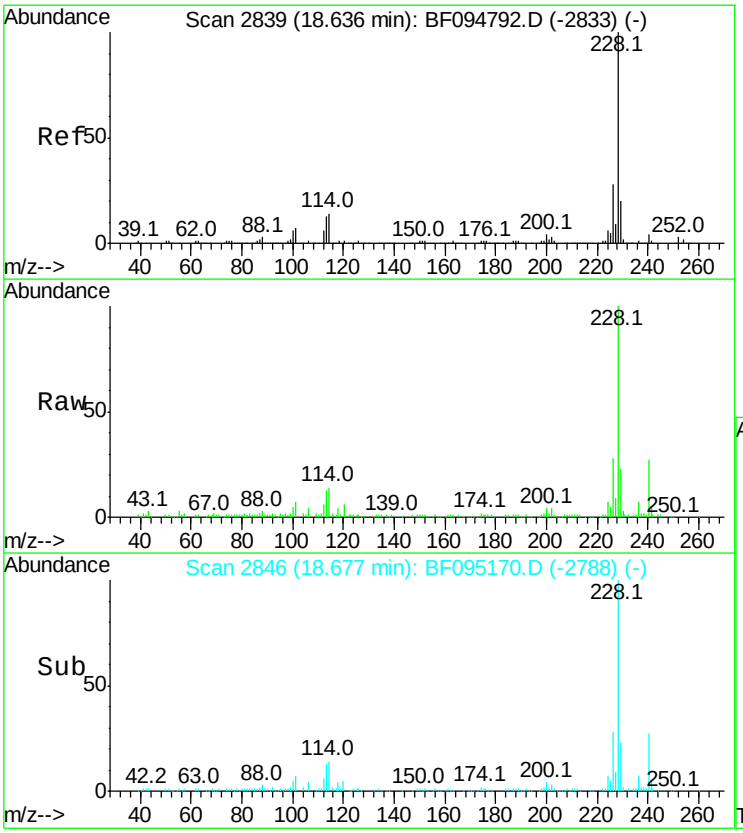
#78
Terphenyl-d14
Concen: 40.38 ng
RT: 17.34 min Scan# 2618
Delta R.T. 0.02 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 374922

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.3	10.3	15.5

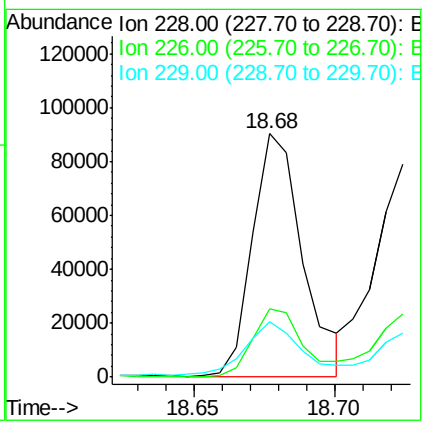


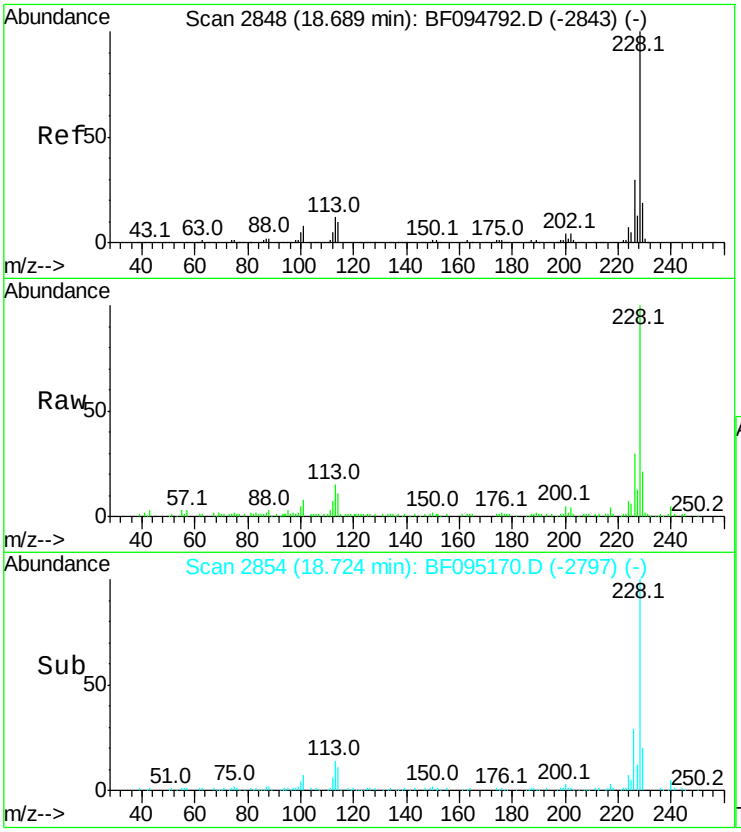


#80
Benzo(a)anthracene
Concen: 9.32 ng
RT: 18.68 min Scan# 2846
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:228 Resp: 110955

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.7	16.3	24.5



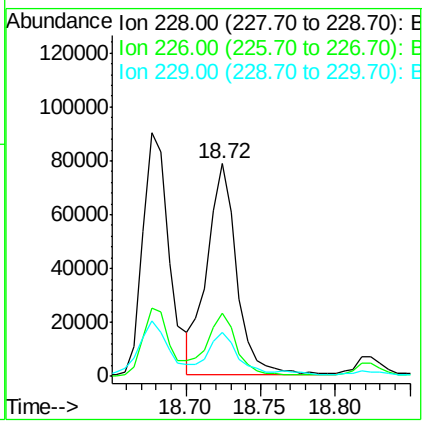


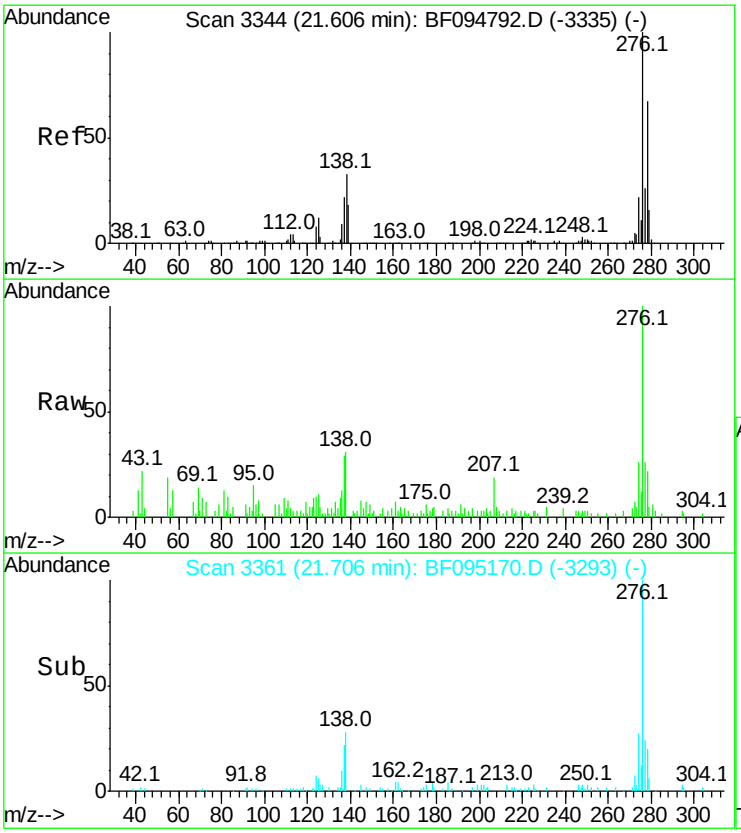
#82
Chrysene
Concen: 9.52 ng
RT: 18.72 min Scan# 2854
Delta R.T. 0.04 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 109609

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	20.5	15.8	23.6

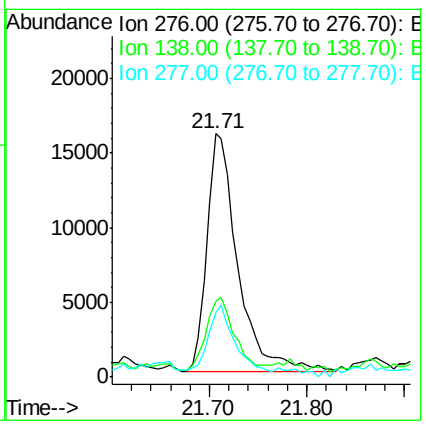


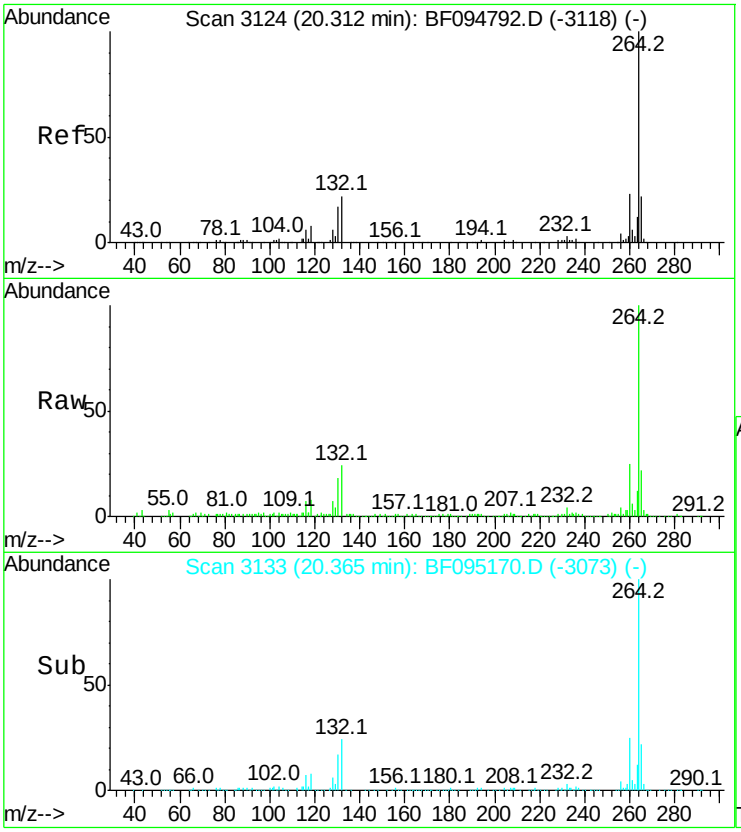


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.73 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.10 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:276 Resp: 34829

Ion	Ratio	Lower	Upper
276	100		
138	28.2	27.8	41.6
277	23.9	20.2	30.4



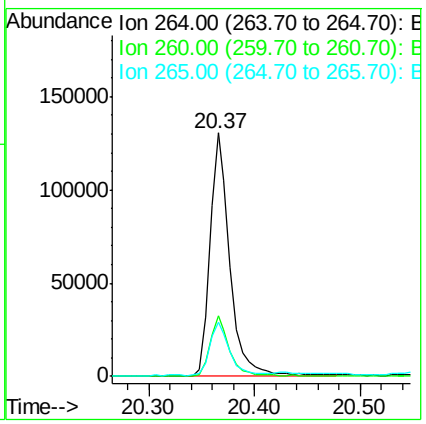


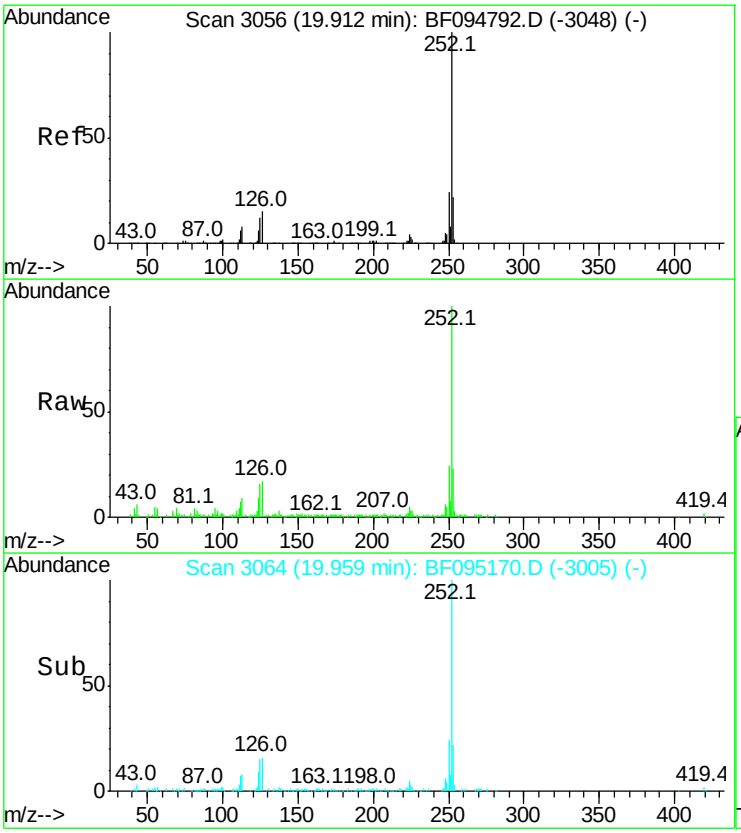
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.05 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 173739

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.2	17.2	25.8

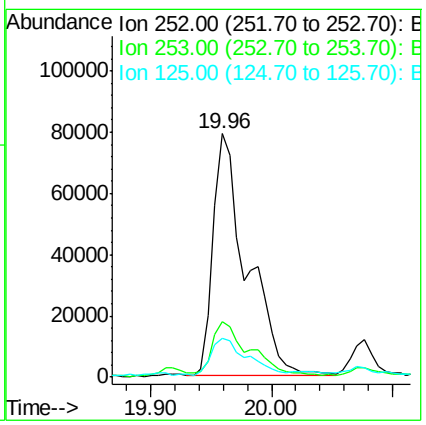


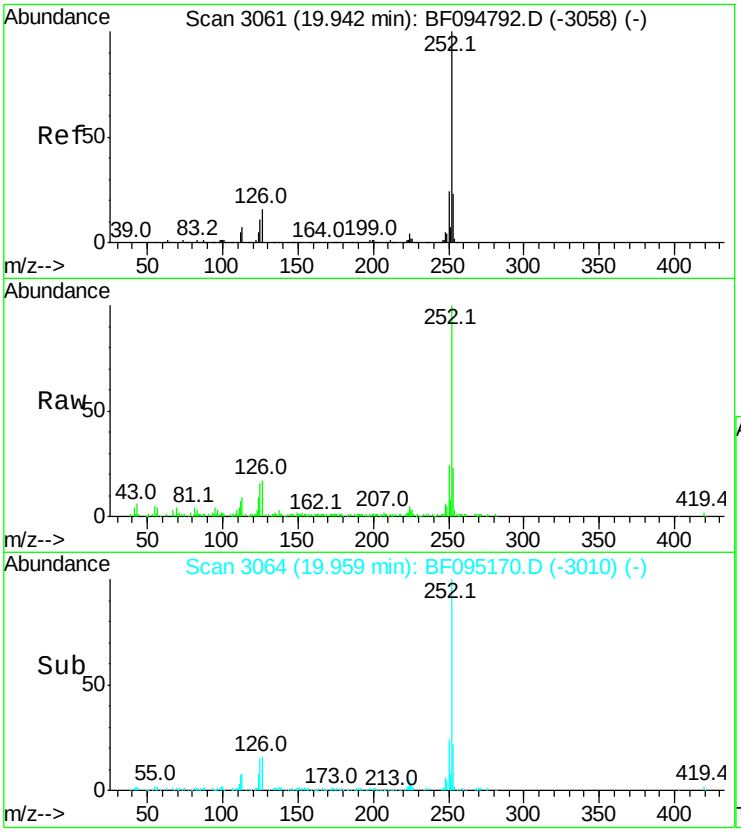


#87
Benzo(b)fluoranthene
Concen: 14.11 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.05 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:252 Resp: 151479

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	16.0	9.8	14.8#



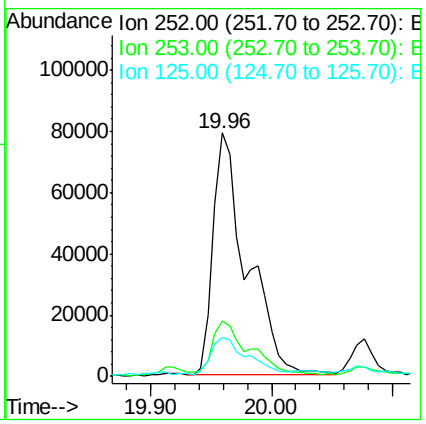


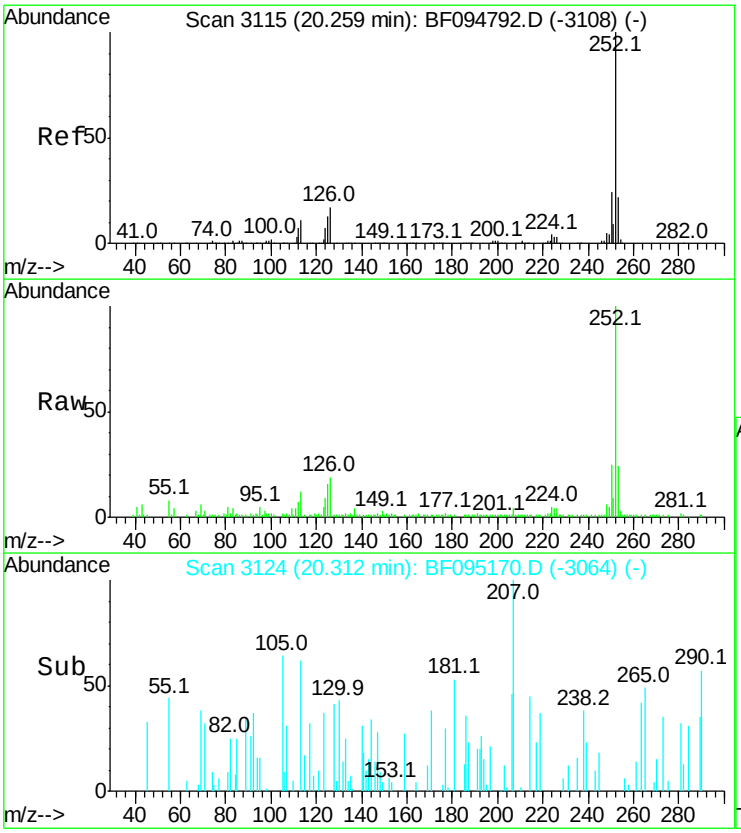
#88
Benzo(k)fluoranthene
Concen: 14.63 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.02 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 151479

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	16.0	13.1	19.7

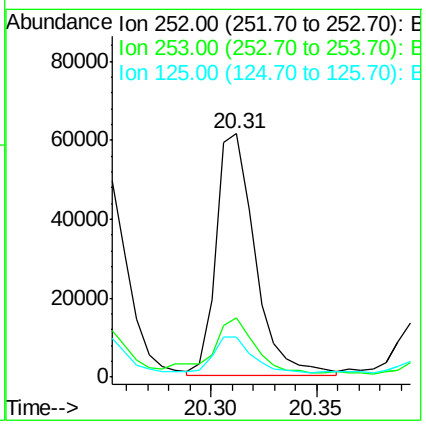


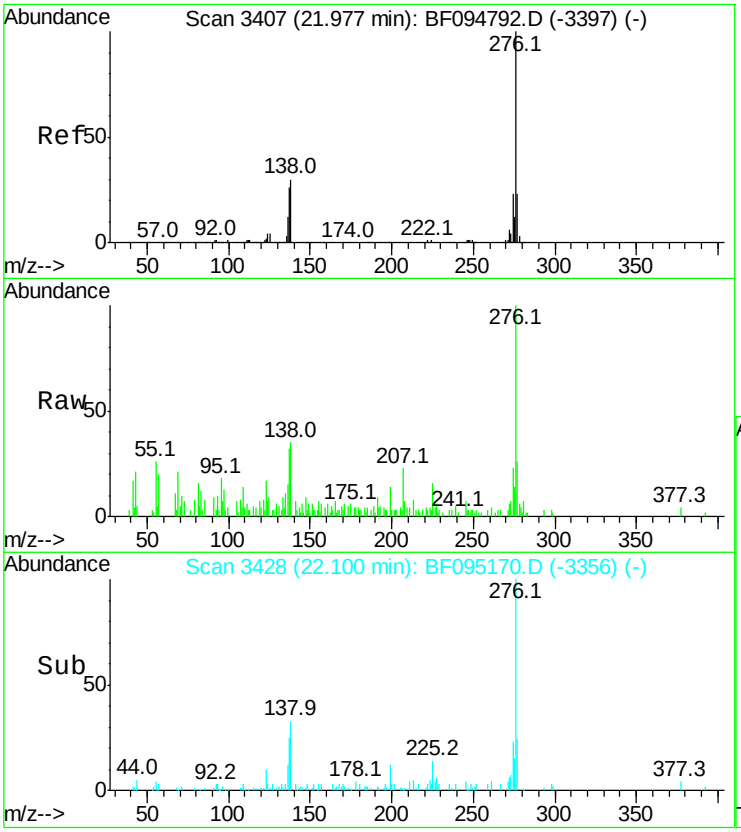


#89
Benzo(a)pyrene
Concen: 7.87 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Tgt Ion:252 Resp: 77928

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	16.3	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.71 ng
RT: 22.10 min Scan# 3428
Delta R.T. 0.12 min
Lab File: BF095170.D
Acq: 16 May 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 37841

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.6	28.0
138	35.4	25.4	38.0