Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

Quantitation Report (Not Reviewed)

Data File : BF095841.D
Acq On : 10 Jun 2017 1:48
Operator : SJ/MA
Sample : I3503-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PIER-53-B-COMP

Quant Time: Jun 10 03:36:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	69530	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	278992	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	117954	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	178429	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	138779	20.00	ng		-0.02
86) Perylene-d12	20.00	264	117111	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	530907	121.67	ng		-0.02
7) Phenol-d6	6.93	99	656035	125.59	ng		-0.02
23) Nitrobenzene-d5	8.29	82	381676	84.96	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	114856	110.06	ng		-0.03
44) 2-Fluorobiphenyl	11.18	172	634231	74.82	ng		-0.04
78) Terphenyl-d14	16.99	244	377098	67.44	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.95	94	12667	2.34	ng	#	46
19) n-Nitroso-di-n-propylamine	8.29	70	47454	14.33	ng	#	78
49) Dimethylphthalate	11.87	163	142777	15.94	ng		99
51) Acenaphthene	12.27	154	15567	2.08	ng		96
55) 4-Nitrophenol	12.57	139	6940	9.55	ng	#	33
57) Fluorene	13.12	166	20717	2.25	ng		99
70) Phenanthrene	14.65	178	264247	25.67	ng		98
71) Anthracene	14.74	178	58652	5.46	ng		97
72) Carbazole	15.04	167	21718	2.07	ng		97
74) Fluoranthene	16.43	202	291265	28.58	ng		98
77) Pyrene	16.73	202	265859	25.67	ng	#	95
80) Benzo(a)anthracene	18.32	228	108320	13.42	ng		98
82) Chrysene	18.37	228	104285	12.93	ng		97
83) Bis(2-ethylhexyl)phthalate	18.41	149	43464	6.81	ng	#	99
85) Indeno(1,2,3-cd)pyrene	21.19	276	49466	7.17	ng		94
87) Benzo(b)fluoranthene	19.60	252	162548	22.17	ng	#	95
88) Benzo(k)fluoranthene	19.60	252	162548	23.19	ng		98
89) Benzo(a)pyrene	19.95	252	91764	13.61	ng	#	95
90) Dibenzo(a,h)anthracene	21.18	278	13276	2.32	ng	#	78
91) Benzo(g,h,i)perylene	21.52	276	47490	8.15	ng		93

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

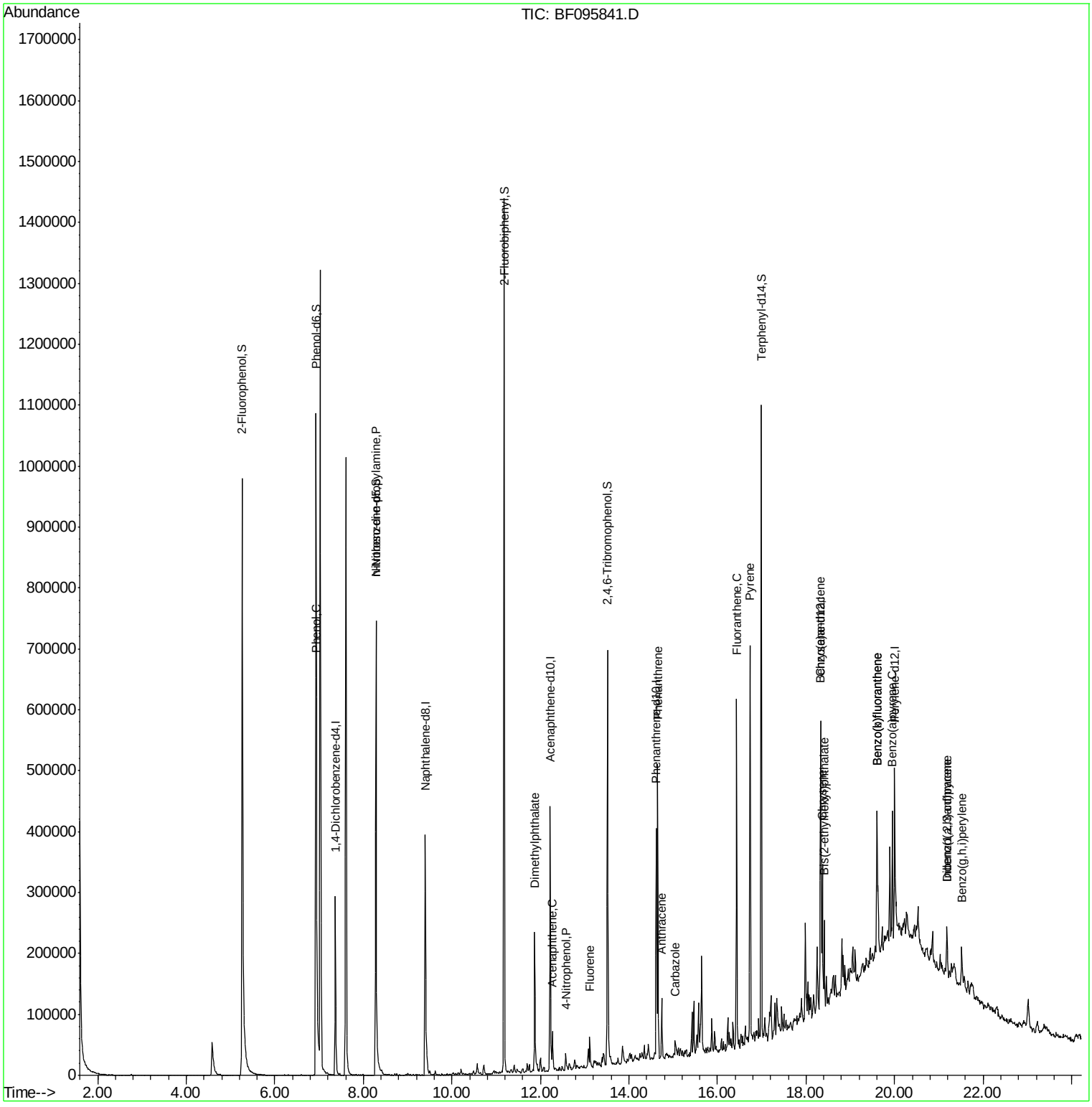
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

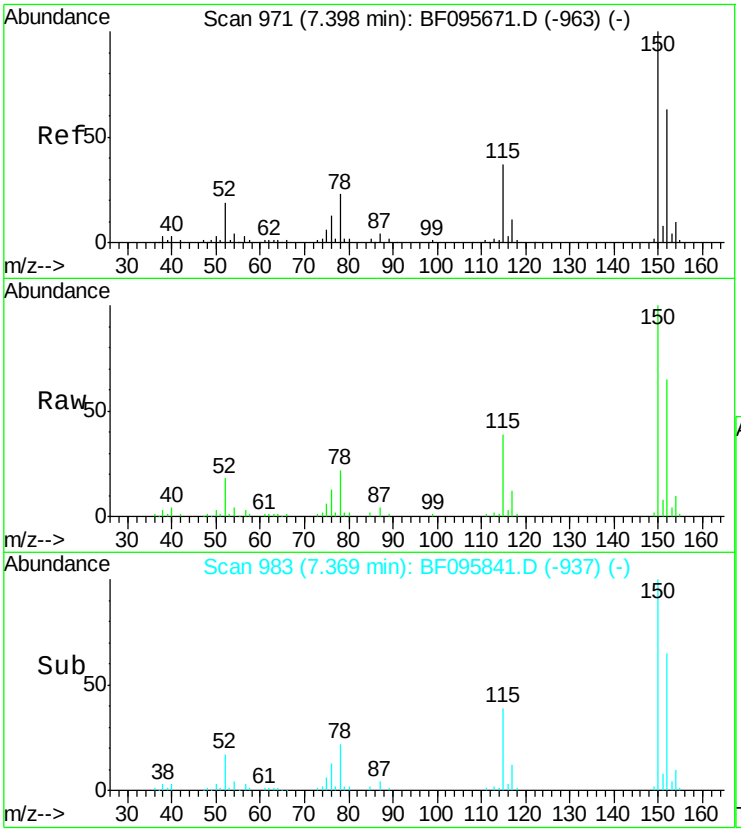
Quantitation Report (Not Reviewed)

Data File : BF095841.D
Acq On : 10 Jun 2017 1:48
Operator : SJ/MA
Sample : I3503-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Quant Time: Jun 10 03:36:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration



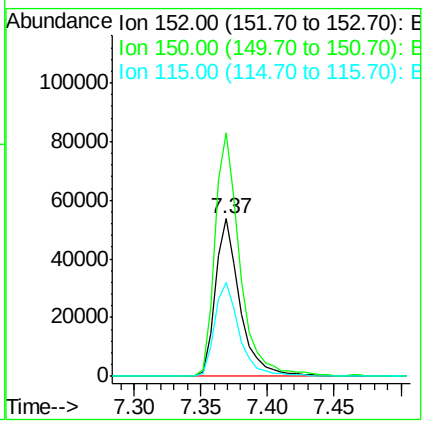


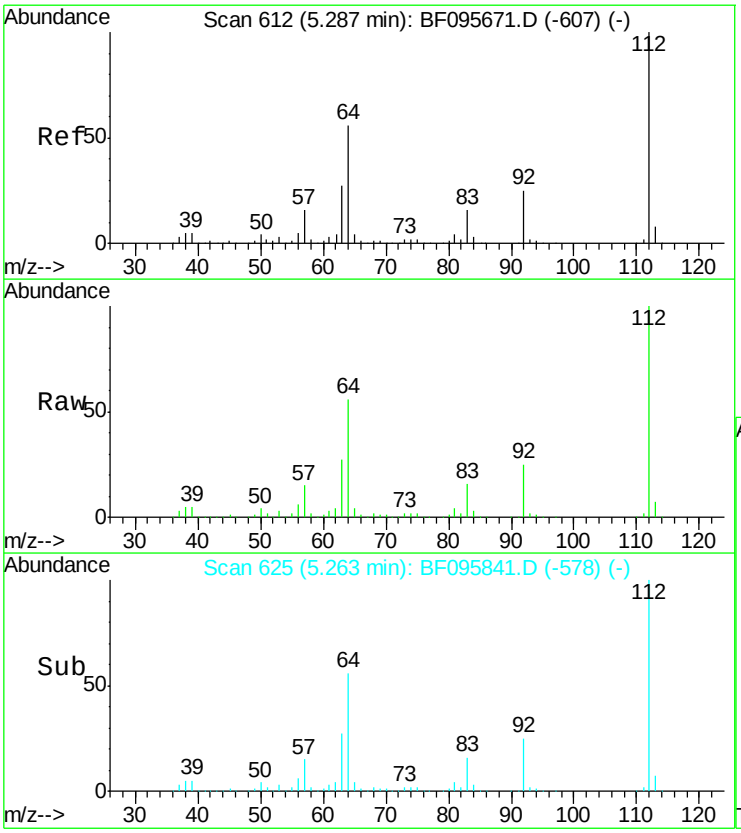
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:152 Resp: 69530

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	59.9	52.2	78.2

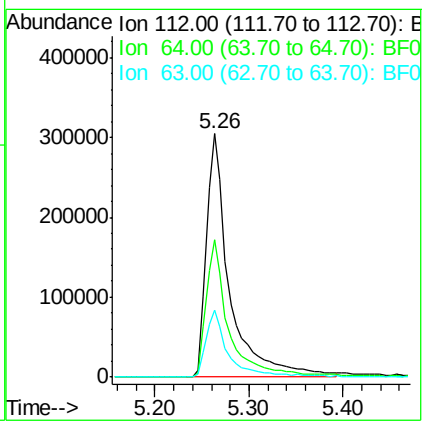


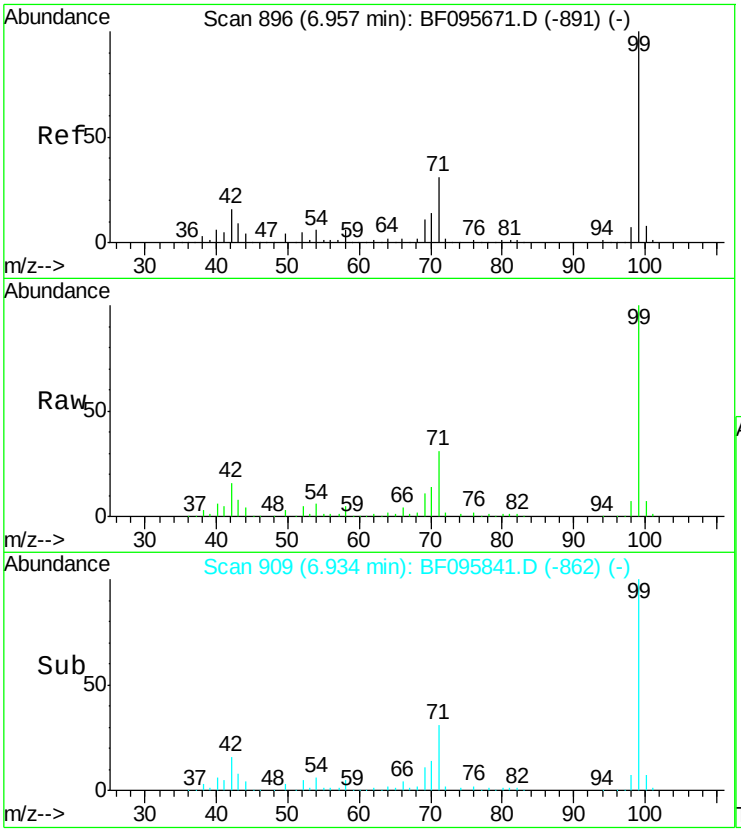


#5
2-Fluorophenol
Concen: 121.67 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:112 Resp: 530907

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	27.3	23.4	35.0



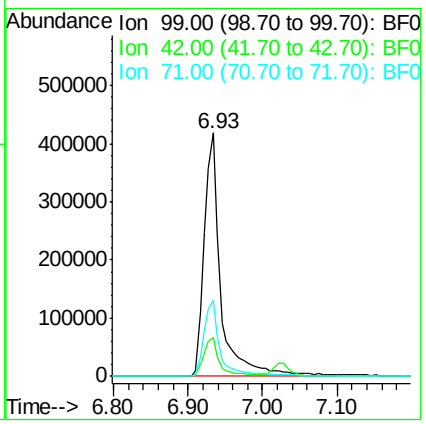


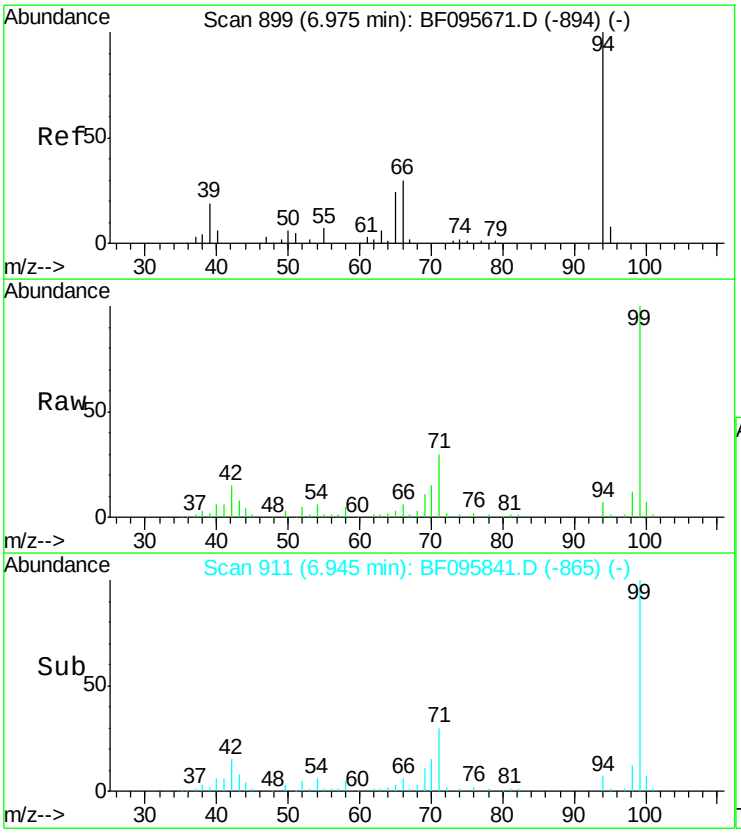
#7
Phenol-d6
Concen: 125.59 ng
RT: 6.93 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion: 99 Resp: 656035

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	31.2	24.5	36.7

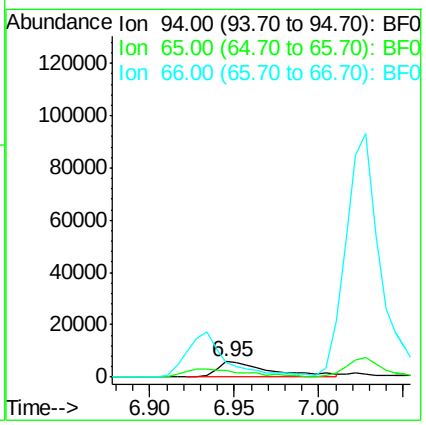


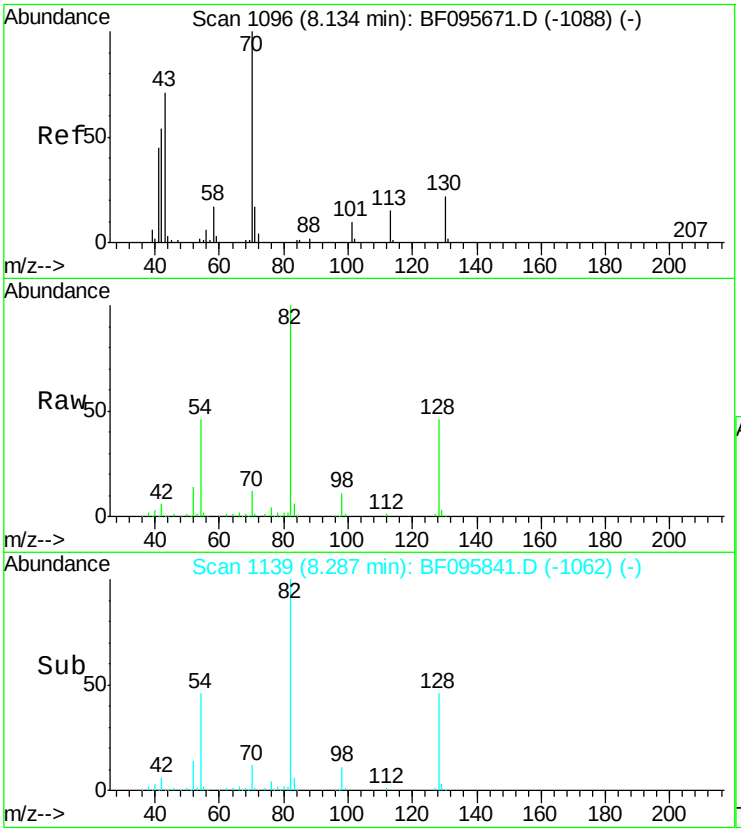


#10
Phenol
Concen: 2.34 ng
RT: 6.95 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion: 94 Resp: 12667

Ion	Ratio	Lower	Upper
94	100		
65	43.8	9.9	49.9
66	90.3	23.1	63.1#



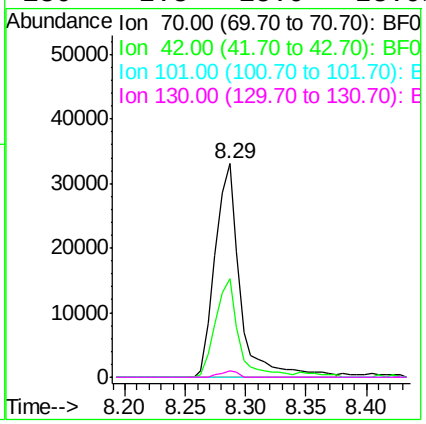


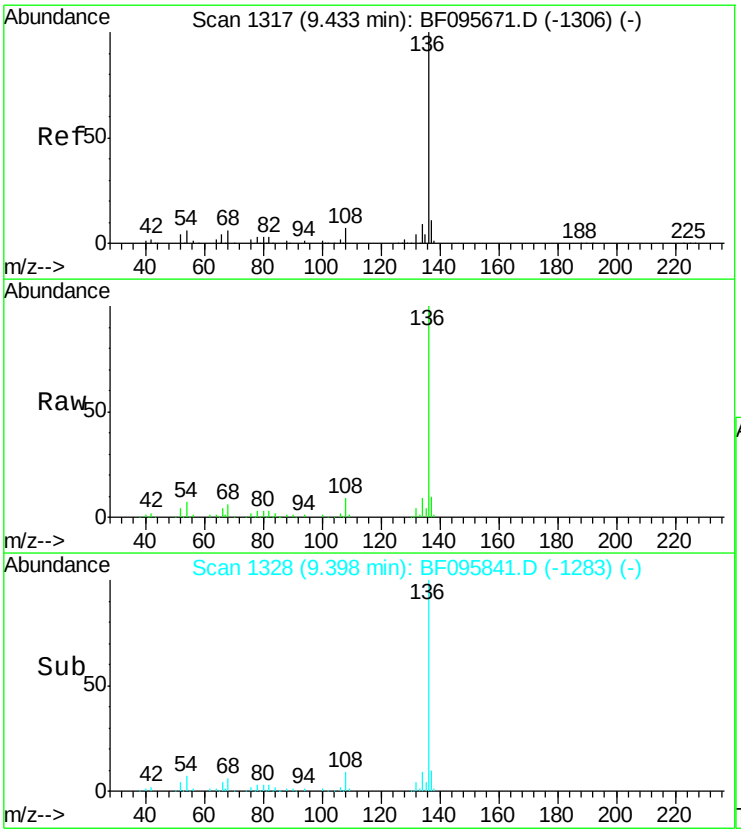
#19
n-Nitroso-di-n-propylamine
Concen: 14.33 ng
RT: 8.29 min Scan# 1139
Delta R.T. 0.15 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion: 70 Resp: 47454

Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.8	15.9	23.9#

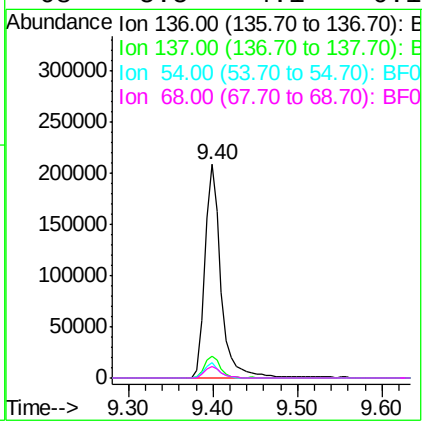


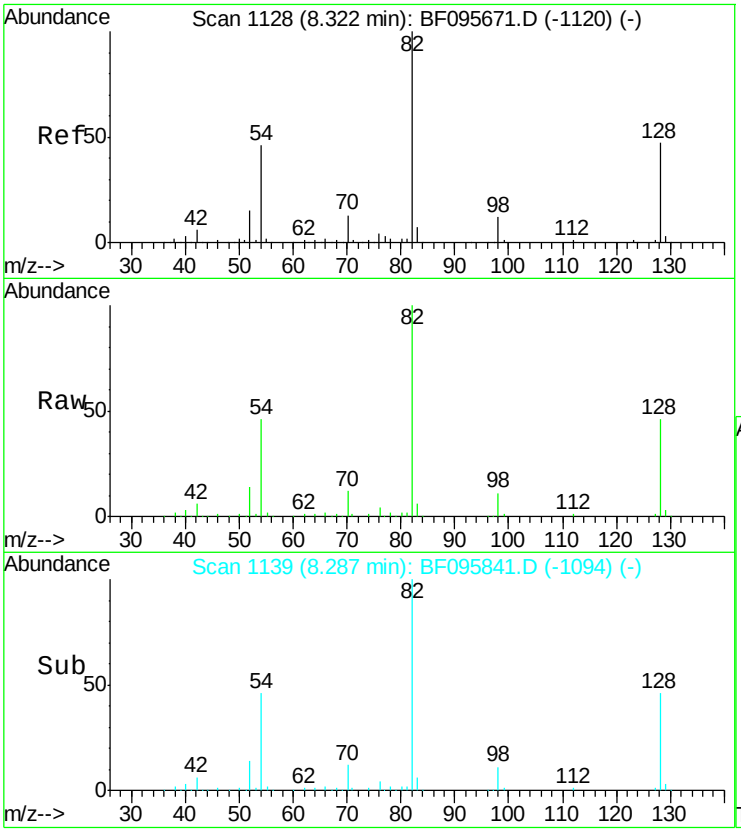


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:136 Resp: 278992

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	6.9	4.9	7.3
68	5.5	4.1	6.1



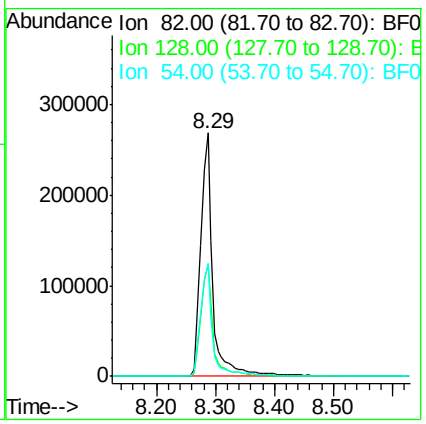


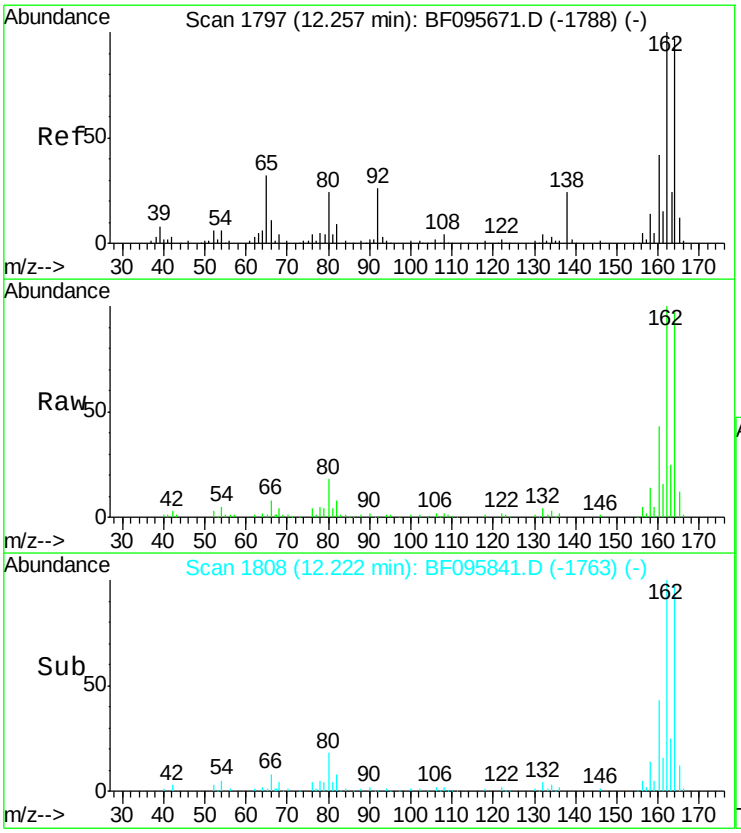
#23
Nitrobenzene-d5
Concen: 84.96 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion: 82 Resp: 381676

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	46.4	42.2	63.2

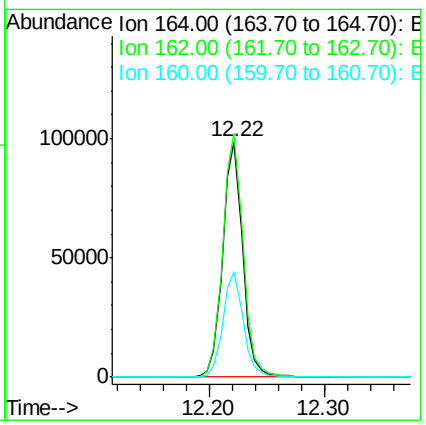


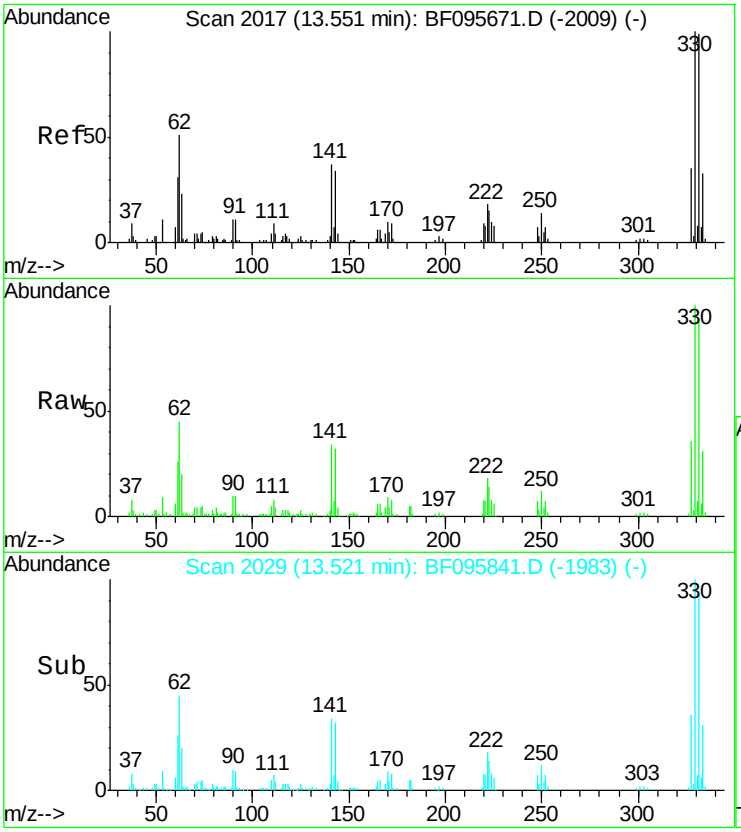


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:164 Resp: 117954

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	44.8	36.2	54.2



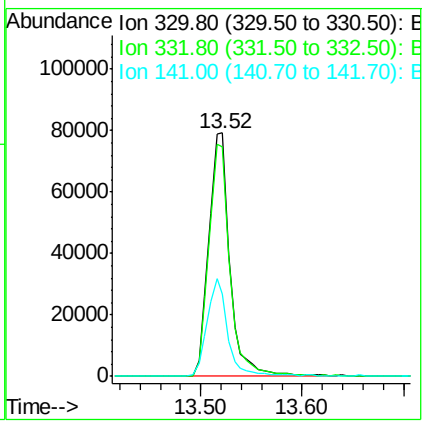


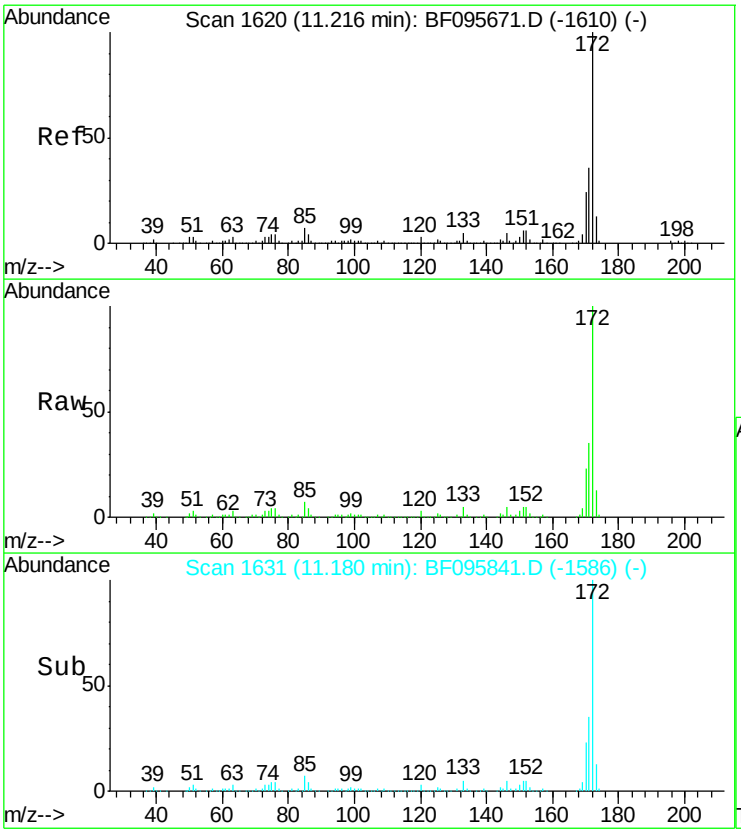
#41
2,4,6-Tribromophenol
Concen: 110.06 ng
RT: 13.52 min Scan# 2029
Delta R.T. -0.03 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:330 Resp: 114856

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.8	31.4	47.2

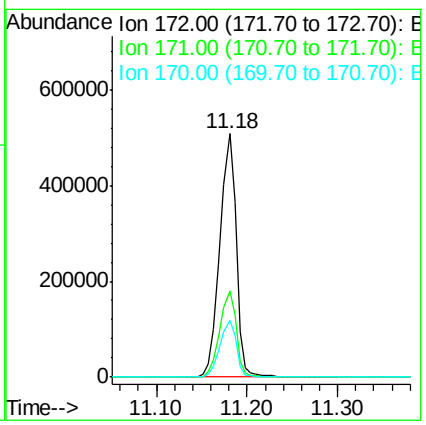


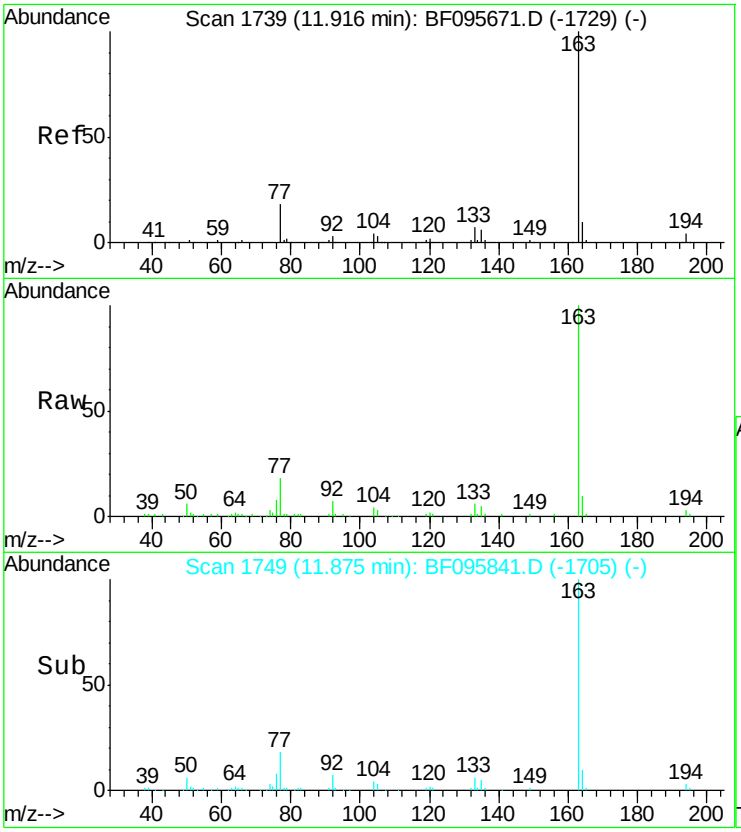


#44
2-Fluorobiphenyl
Concen: 74.82 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:172 Resp: 634231

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.1	19.8	29.8



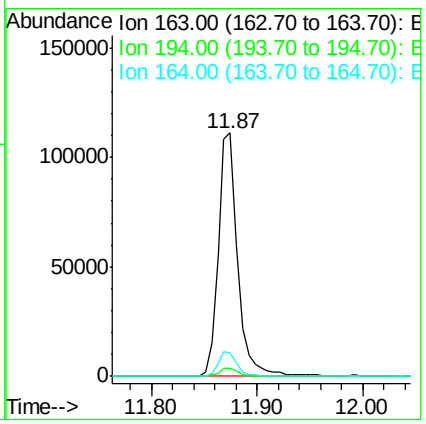


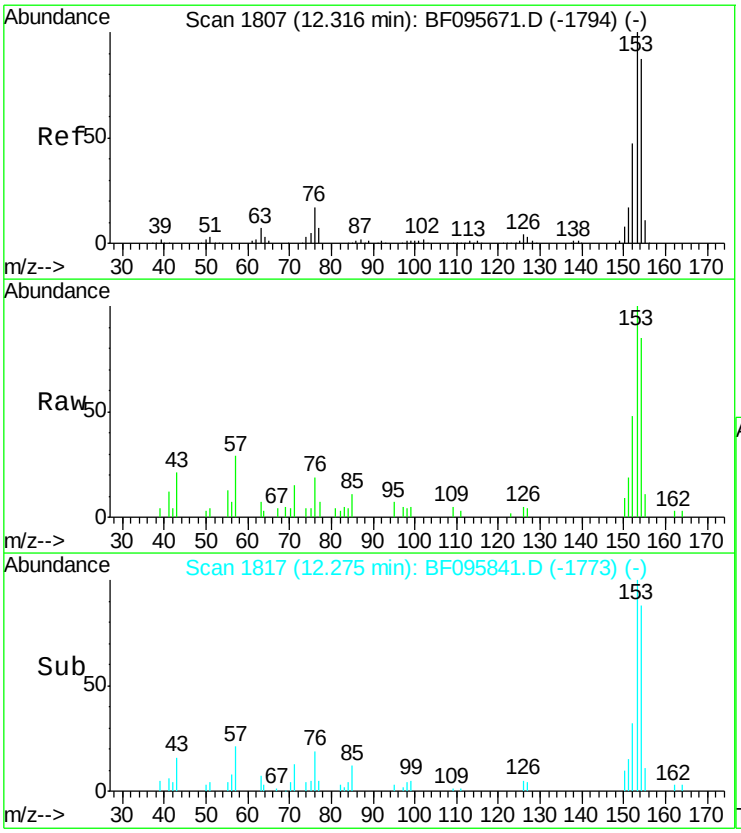
#49
Dimethylphthalate
Concen: 15.94 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:163 Resp: 142777

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.4	12.6

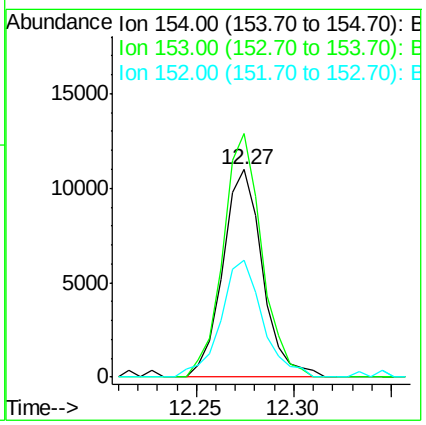


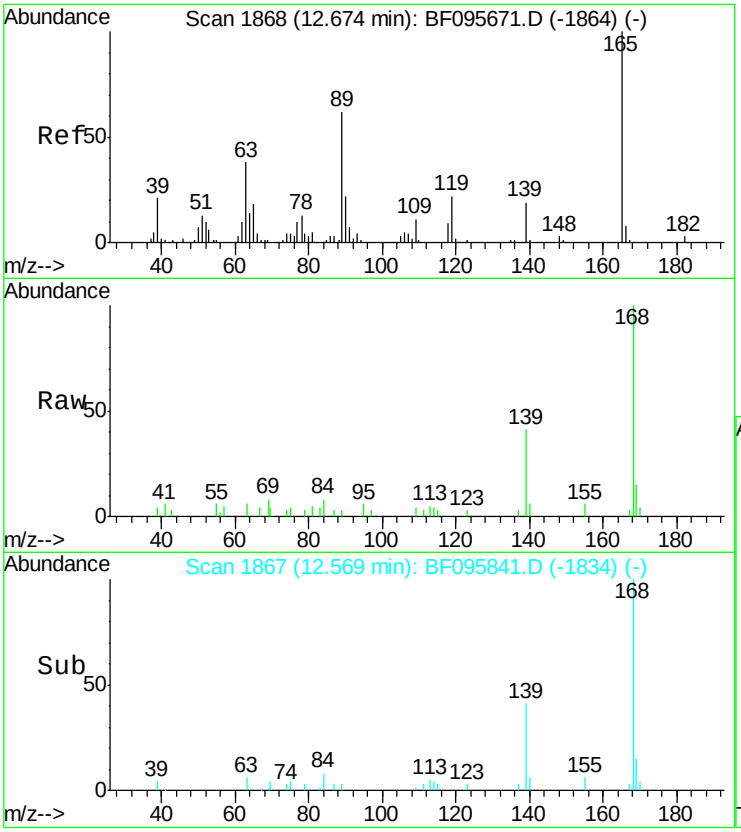


#51
Acenaphthene
Concen: 2.08 ng
RT: 12.27 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:154 Resp: 15567

Ion	Ratio	Lower	Upper
154	100		
153	117.5	90.5	135.7
152	56.5	43.6	65.4



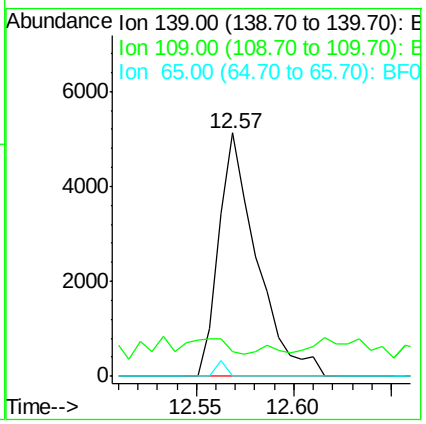


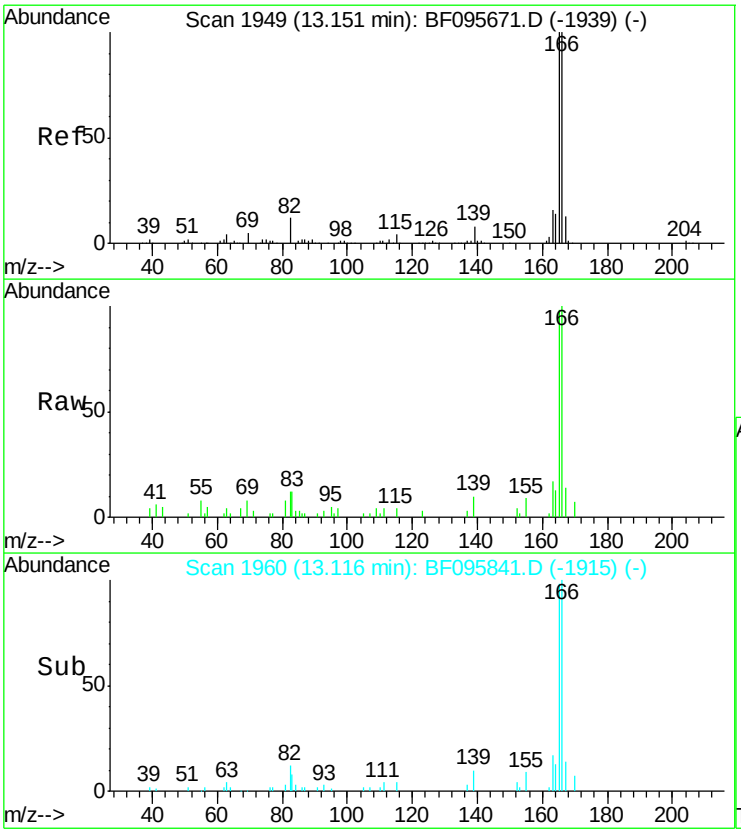
#55
4-Nitrophenol
Concen: 9.55 ng
RT: 12.57 min Scan# 1867
Delta R.T. -0.11 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:139 Resp: 6940

Ion	Ratio	Lower	Upper
139	100		
109	10.2	34.1	74.1#
65	0.0	31.4	71.4#

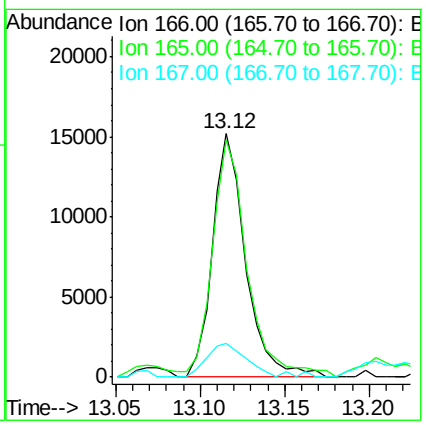


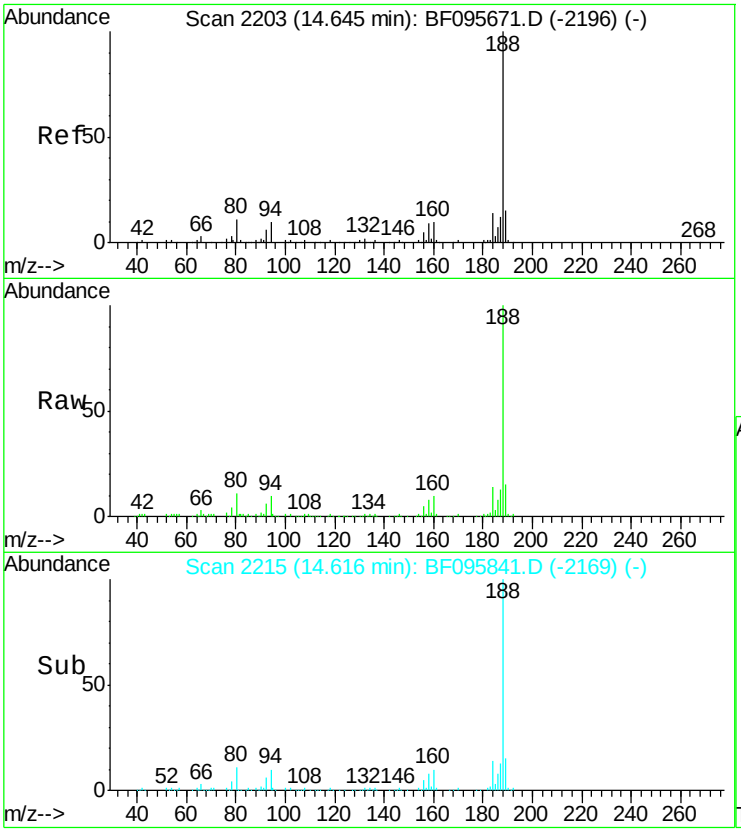


#57
Fluorene
Concen: 2.25 ng
RT: 13.12 min Scan# 1960
Delta R.T. -0.04 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:166 Resp: 20717

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	13.9	10.6	16.0



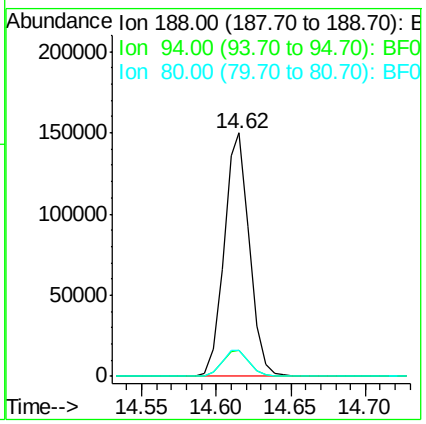


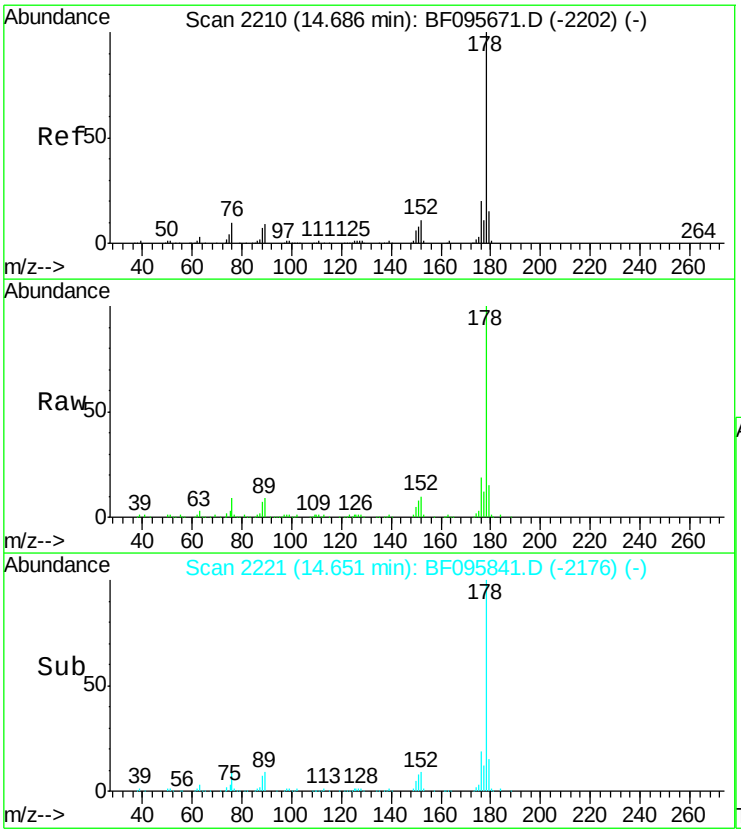
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:188 Resp: 178429

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.9	10.2	15.2

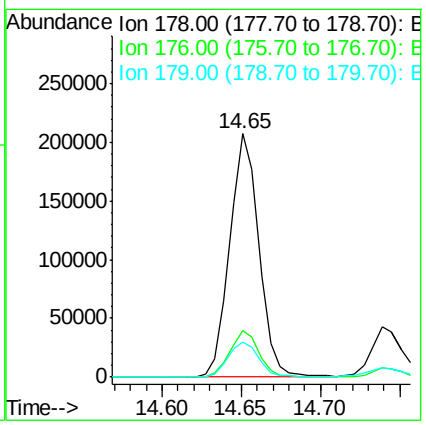


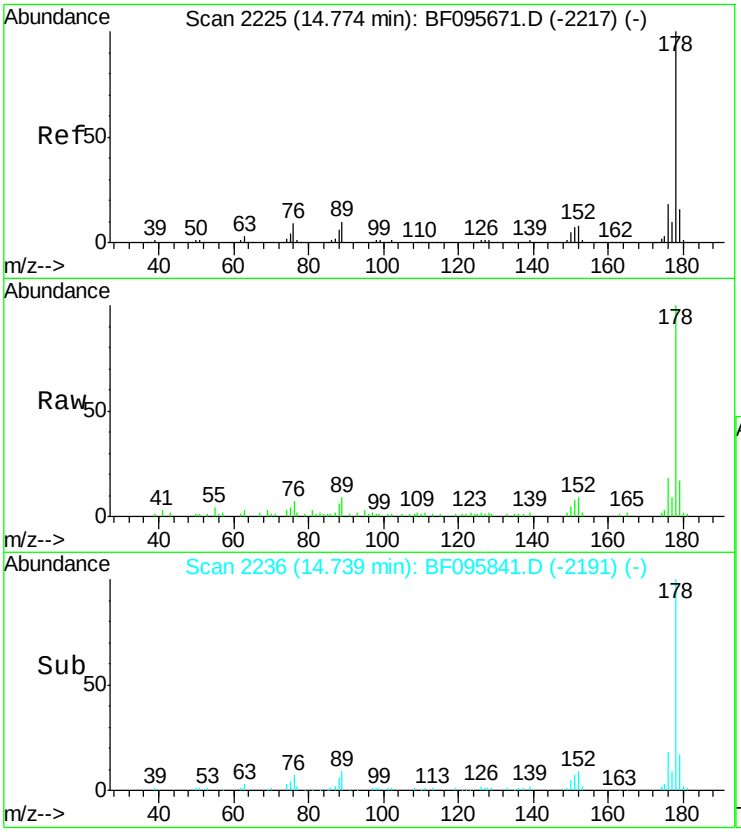


#70
Phenanthrene
Concen: 25.67 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:178 Resp: 264247

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	14.5	12.6	19.0



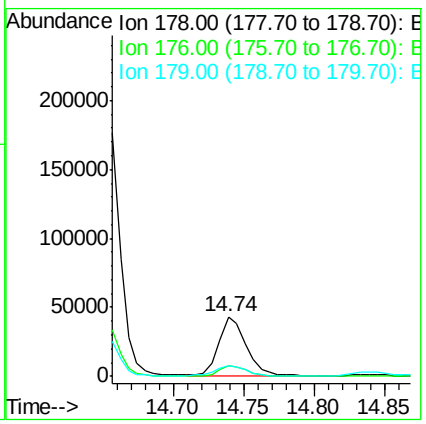


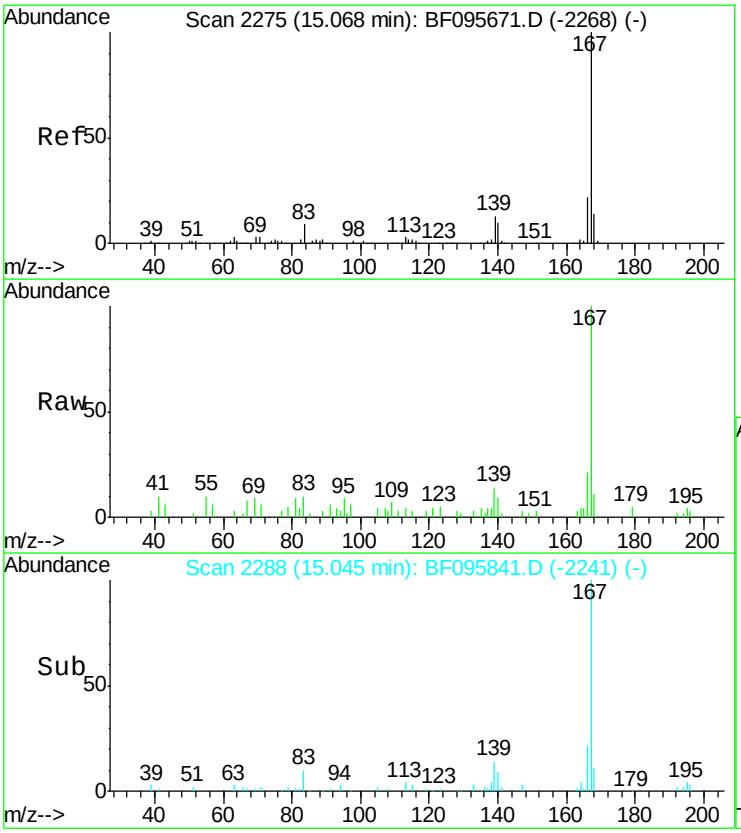
#71
Anthracene
Concen: 5.46 ng
RT: 14.74 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:178 Resp: 58652

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	17.5	12.7	19.1

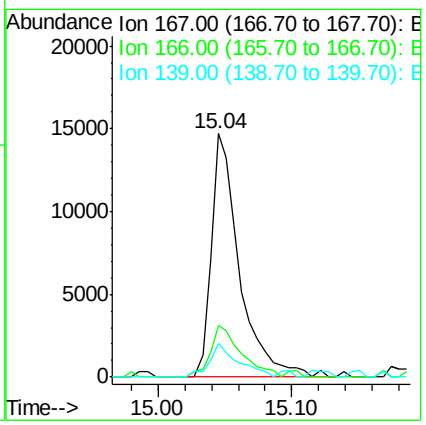


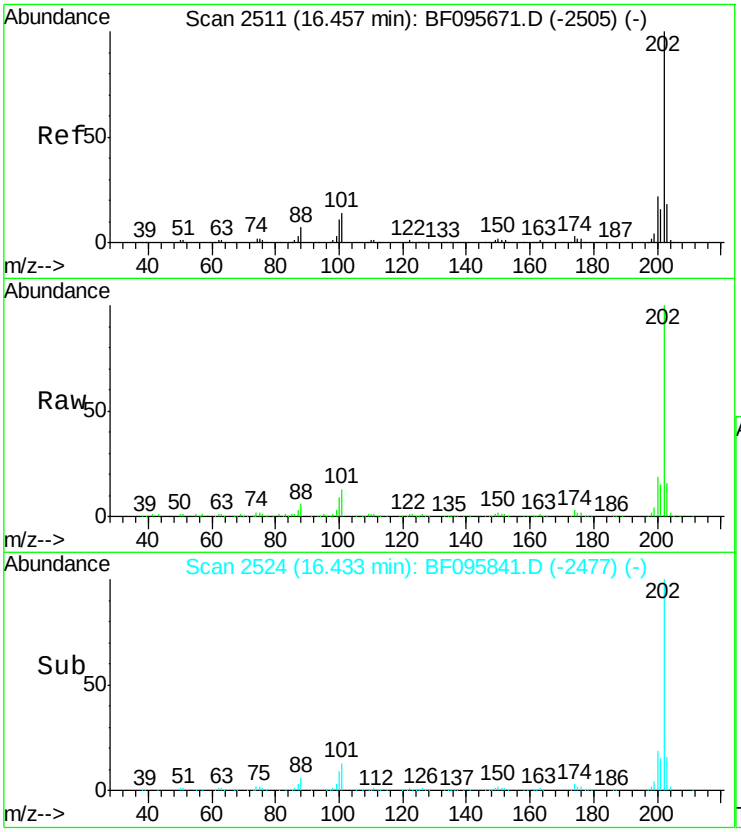


#72
Carbazole
Concen: 2.07 ng
RT: 15.04 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:167 Resp: 21718

Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.1	27.1
139	13.8	11.7	17.5



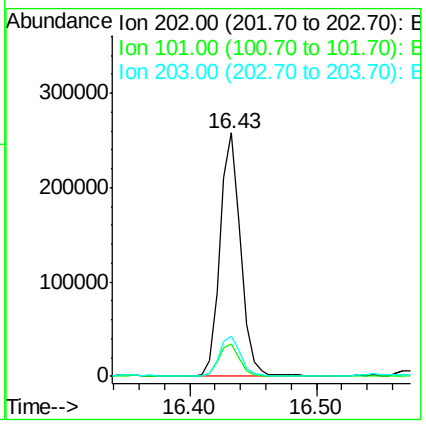


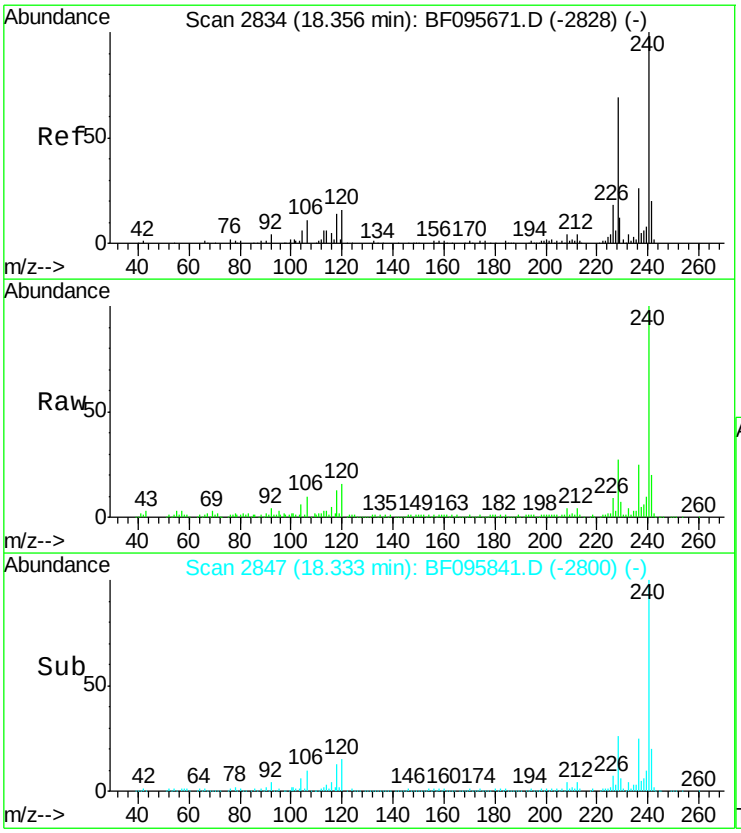
#74
Fluoranthene
Concen: 28.58 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:202 Resp: 291265

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	16.5	0.0	38.1

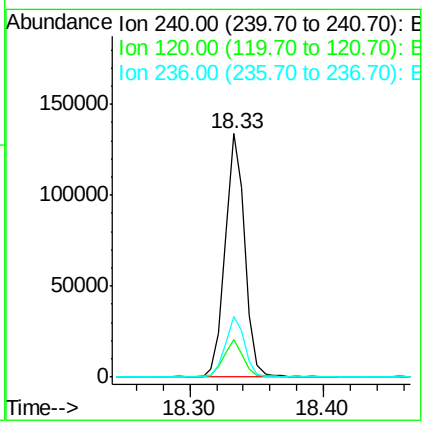


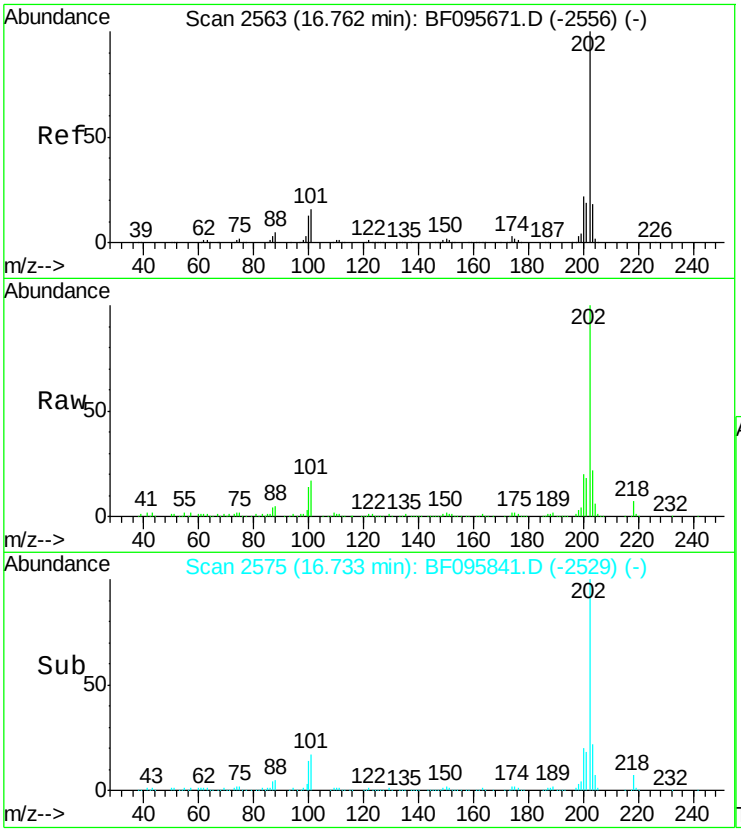


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:240 Resp: 138779

Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	25.0	20.5	30.7



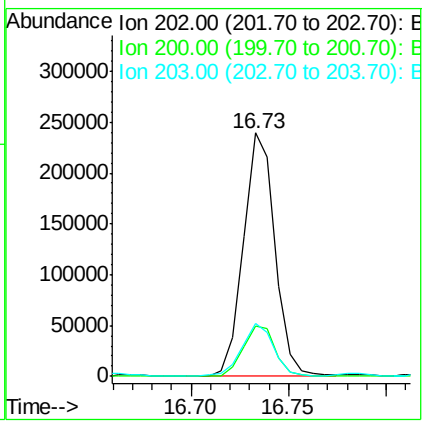


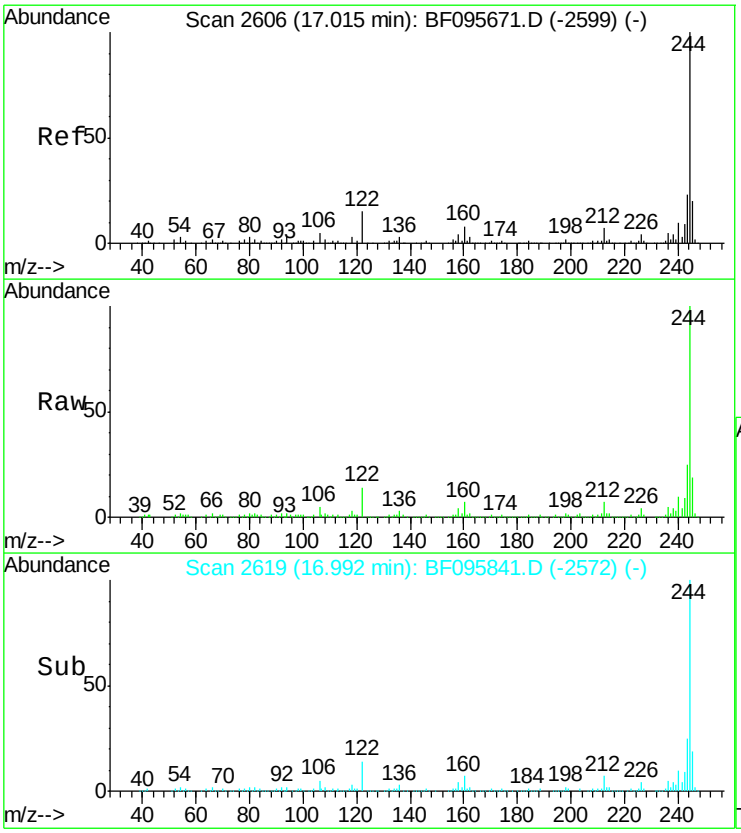
#77
Pyrene
Concen: 25.67 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:202 Resp: 265859

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	21.7	14.4	21.6#

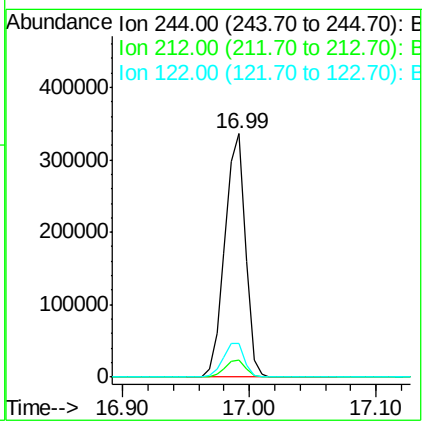


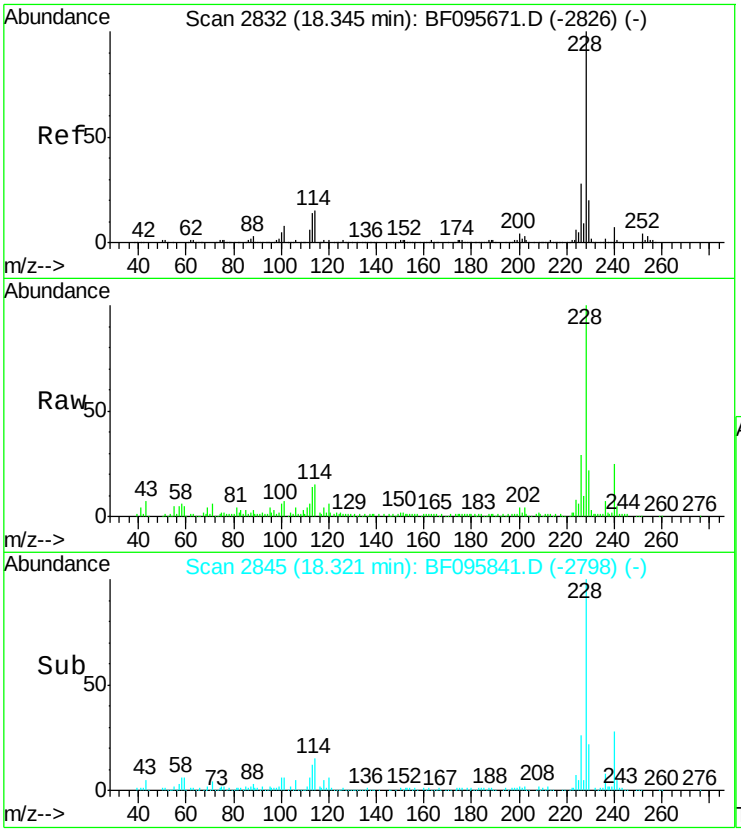


#78
Terphenyl-d14
Concen: 67.44 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:244 Resp: 377098

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.8	10.3	15.5



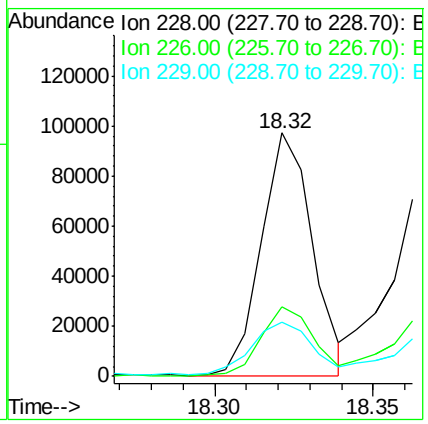


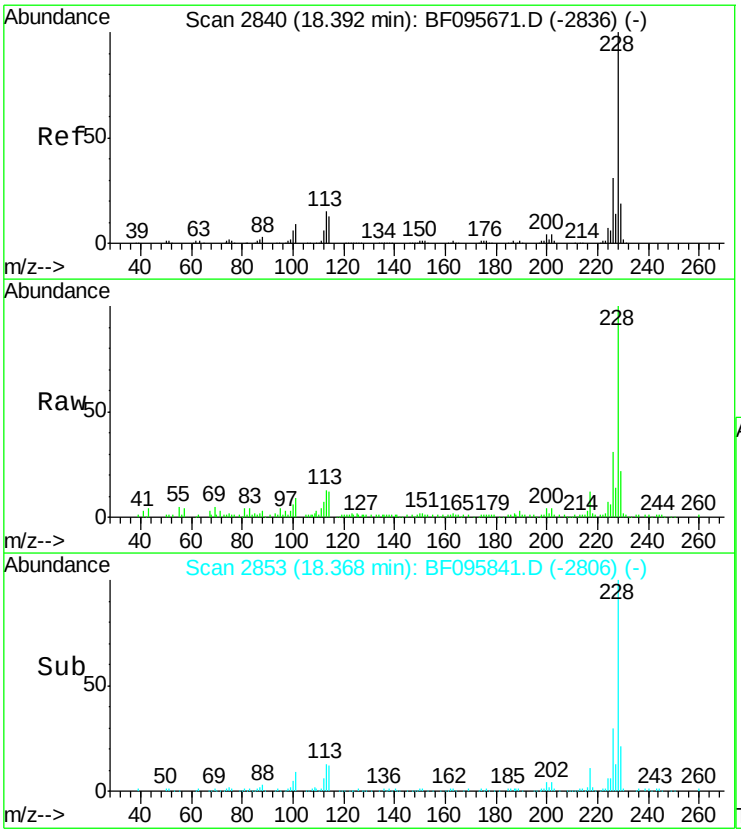
#80
Benzo(a)anthracene
Concen: 13.42 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:228 Resp: 108320

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	22.1	16.3	24.5

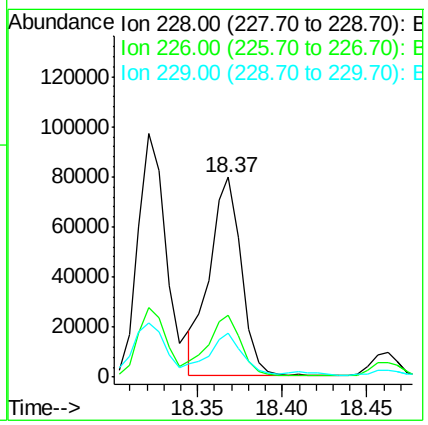


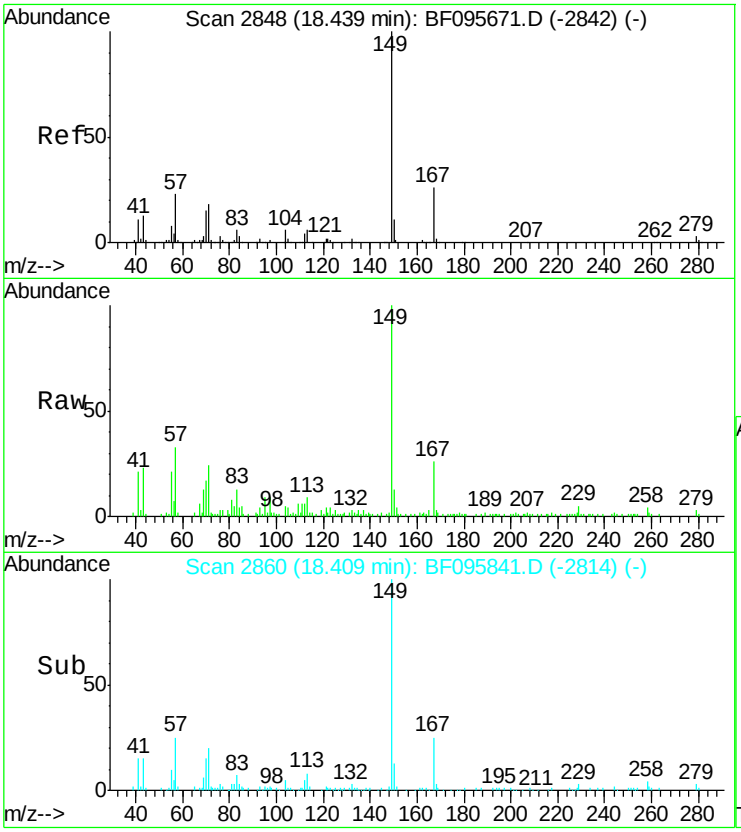


#82
Chrysene
Concen: 12.93 ng
RT: 18.37 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:228 Resp: 104285

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	22.3	15.8	23.6



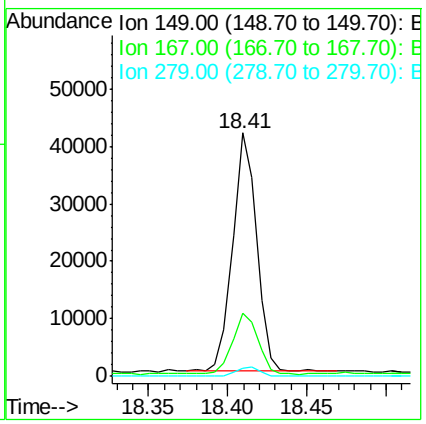


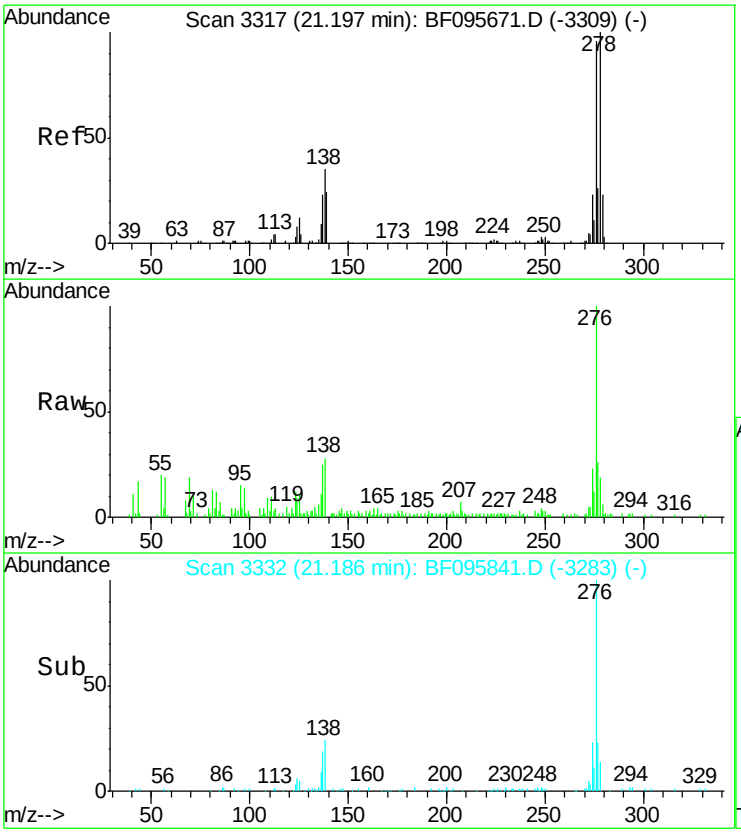
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.81 ng
RT: 18.41 min Scan# 2860
Delta R.T. -0.03 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:149 Resp: 43464

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	3.2	1.9	2.9#

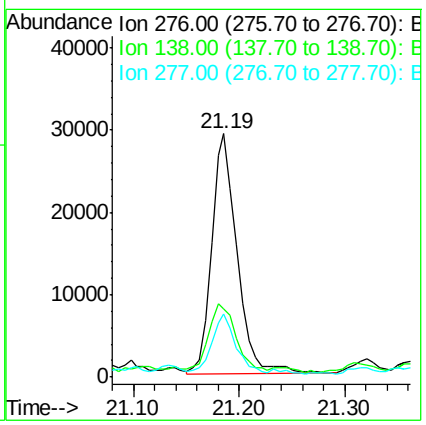


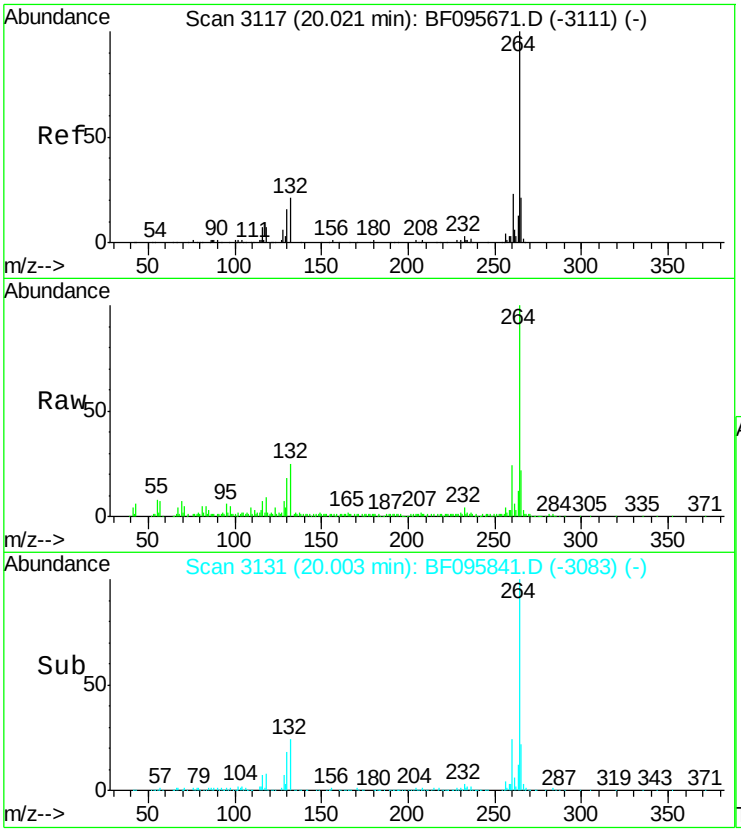


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.17 ng
RT: 21.19 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:276 Resp: 49466

Ion	Ratio	Lower	Upper
276	100		
138	31.2	27.8	41.6
277	22.1	20.2	30.4



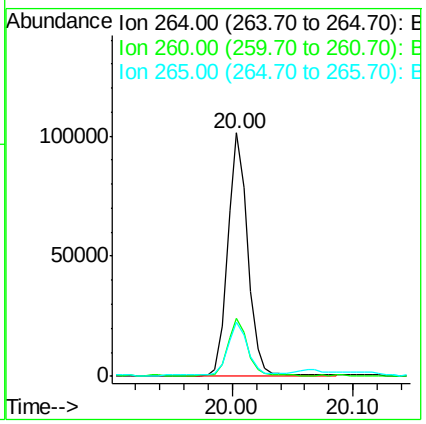


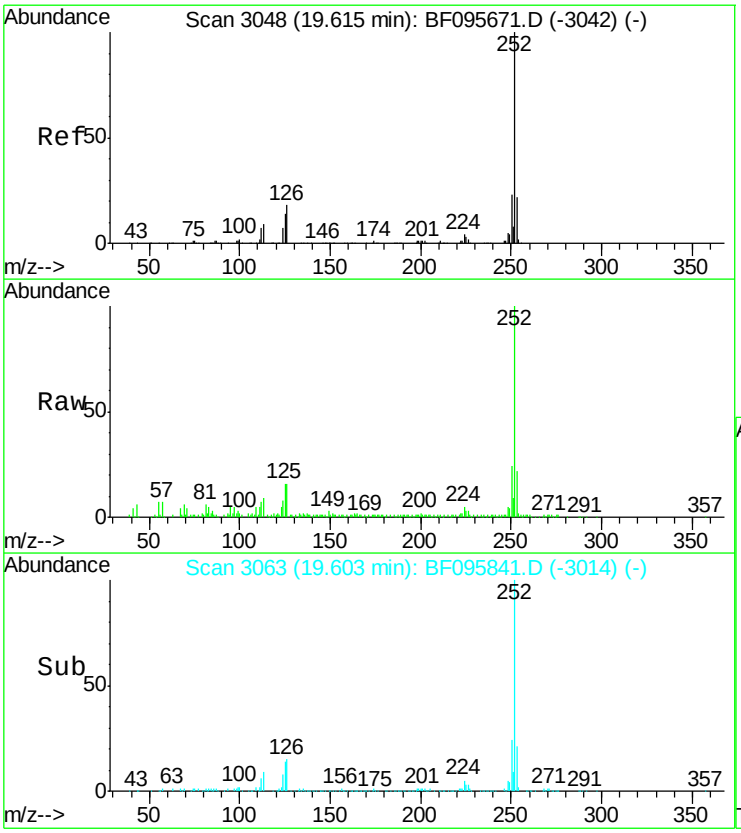
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:264 Resp: 117111

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.4	17.2	25.8

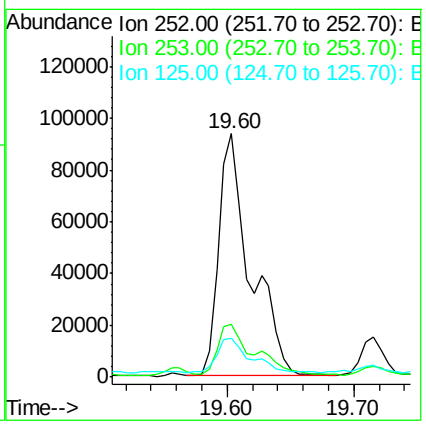


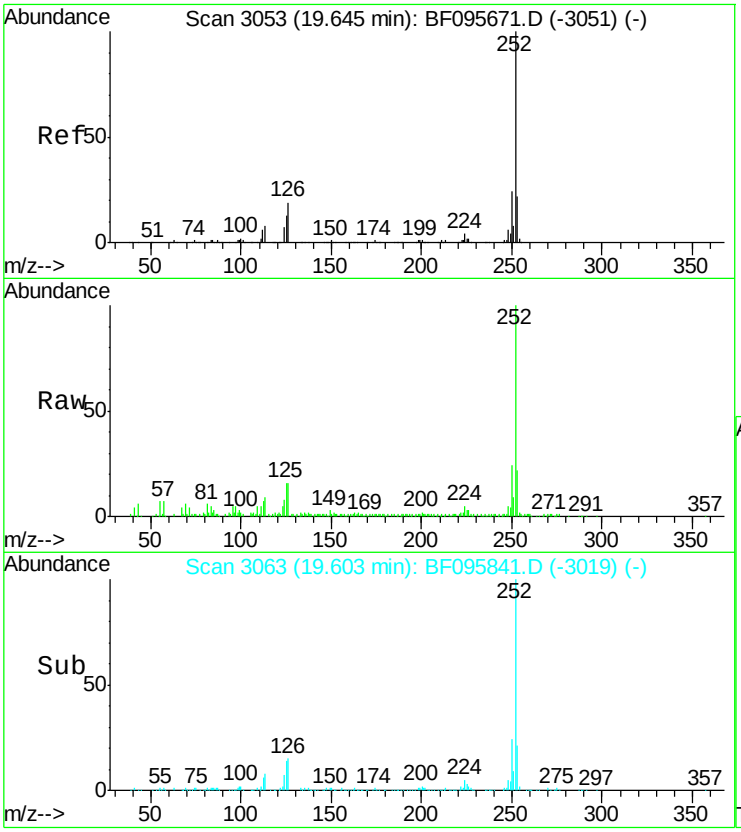


#87
Benzo(b)fluoranthene
Concen: 22.17 ng
RT: 19.60 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:252 Resp: 162548

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	15.9	9.8	14.8#



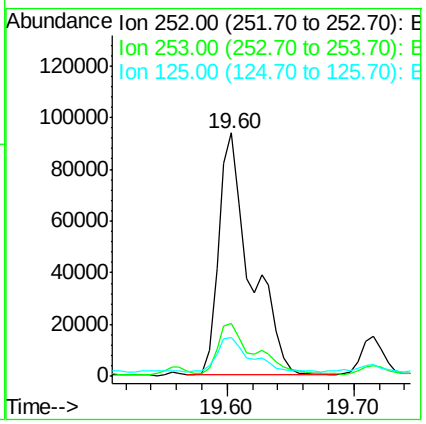


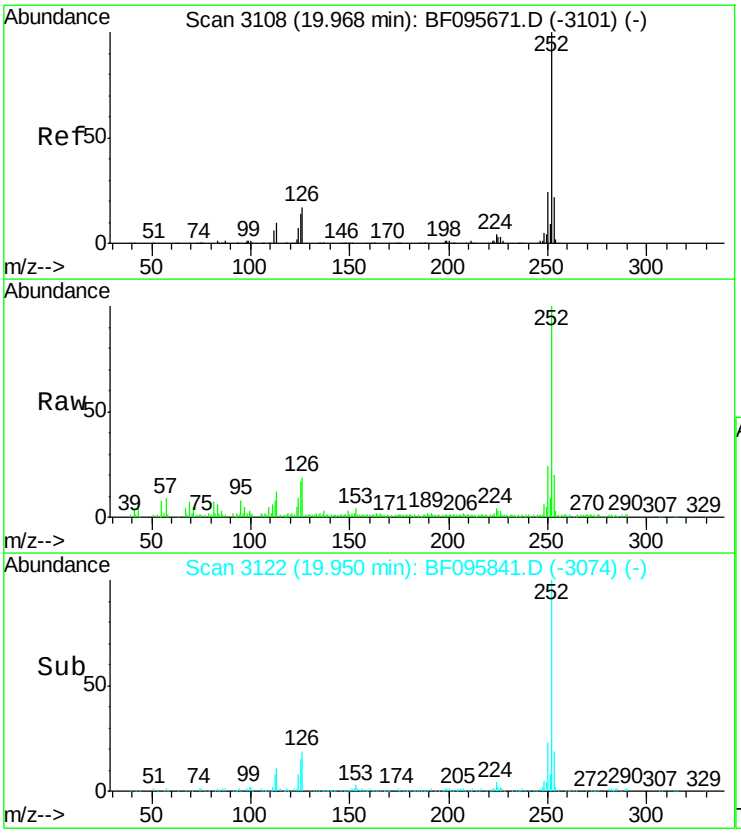
#88
Benzo(k)fluoranthene
Concen: 23.19 ng
RT: 19.60 min Scan# 3063
Delta R.T. -0.04 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:252 Resp: 162548

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	15.9	13.1	19.7

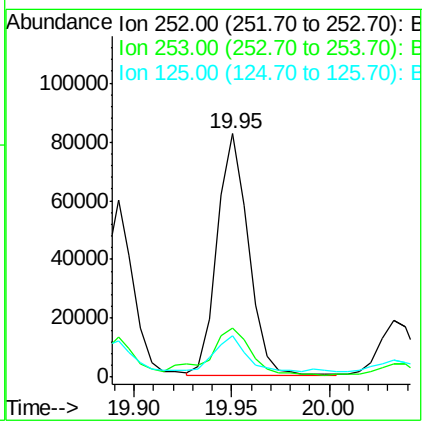


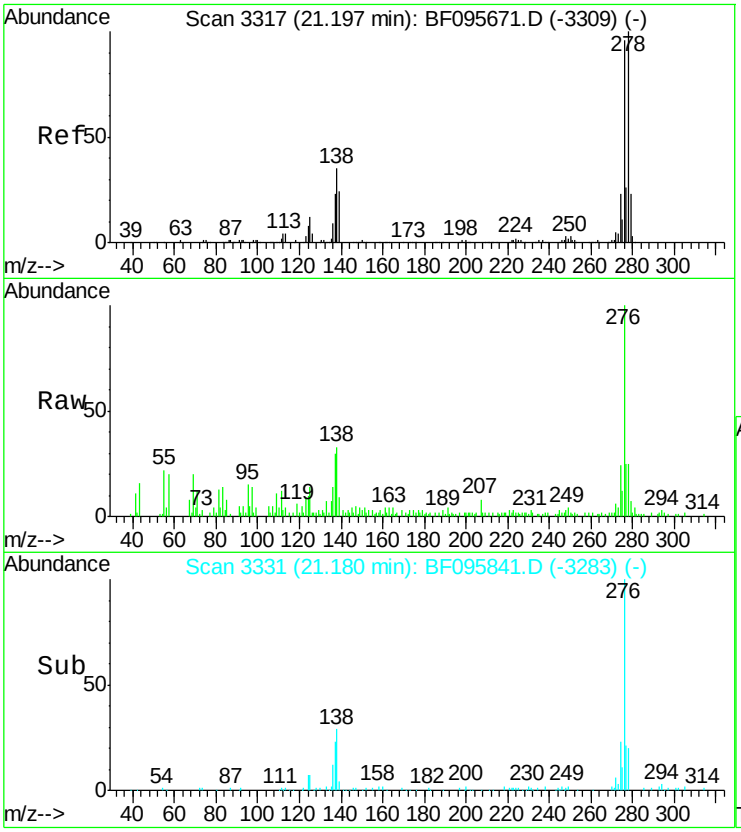


#89
Benzo(a)pyrene
Concen: 13.61 ng
RT: 19.95 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:252 Resp: 91764

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.5	26.3
125	17.0	11.0	16.4#



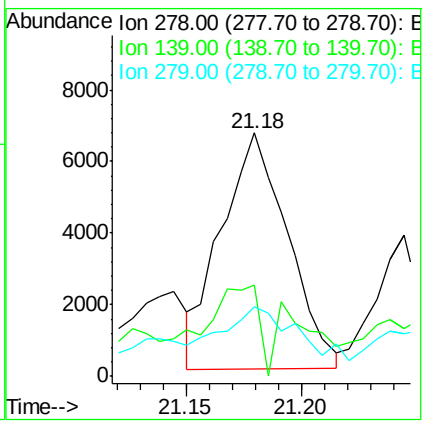


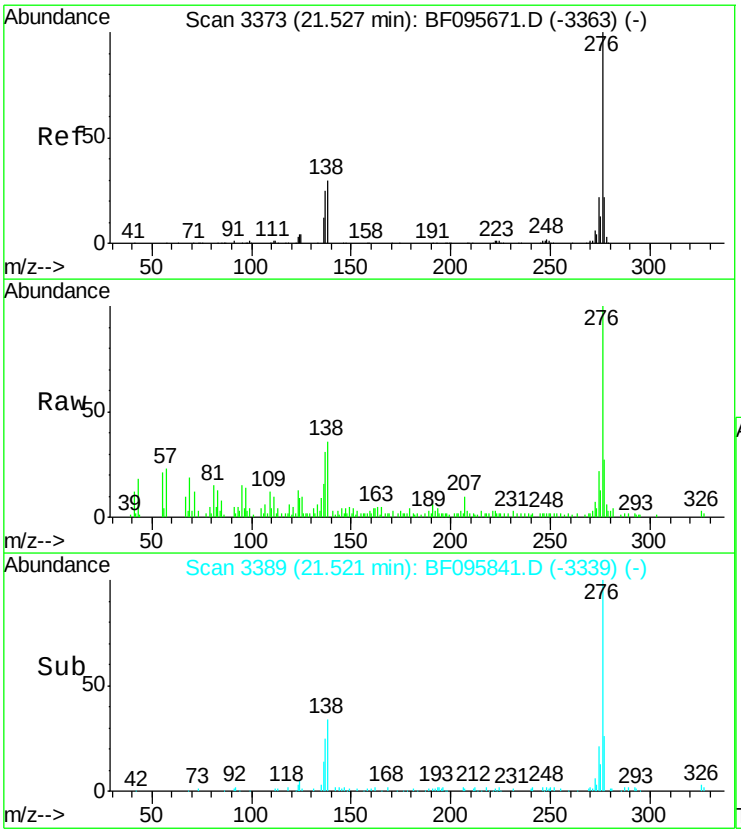
#90
Dibenzo(a,h)anthracene
Concen: 2.32 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Instrument :
BNA_F
ClientSampleId :
PIER-53-B-COMP

Tgt Ion:278 Resp: 13276

Ion	Ratio	Lower	Upper
278	100		
139	37.3	16.6	24.8#
279	28.7	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 8.15 ng
RT: 21.52 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BF095841.D
Acq: 10 Jun 2017 1:48

Tgt Ion:276 Resp: 47490

Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.6	28.0
138	35.6	25.4	38.0