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

Quantitation Report (QT Reviewed)

Data File : BF095845.D
Acq On : 10 Jun 2017 3:57
Operator : SJ/MA
Sample : I3503-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 12 07:13:21 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	66033	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	258712	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	106892	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	160514	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	137350	20.00	ng		-0.02
86) Perylene-d12	20.00	264	106604	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	210501	50.80	ng		-0.02
7) Phenol-d6	6.93	99	258247	52.05	ng		-0.03
23) Nitrobenzene-d5	8.28	82	143534	34.46	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	40633	42.96	ng		-0.04
44) 2-Fluorobiphenyl	11.17	172	236090	30.74	ng		-0.04
78) Terphenyl-d14	16.99	244	140551	25.40	ng		-0.03
Target Compounds							Qvalue
49) Dimethylphthalate	11.87	163	44908	5.53	ng		99
51) Acenaphthene	12.27	154	18049	2.66	ng		94
57) Fluorene	13.12	166	25740	3.09	ng		99
70) Phenanthrene	14.65	178	247819	26.76	ng		98
71) Anthracene	14.74	178	64517	6.67	ng		96
72) Carbazole	15.05	167	19081	2.03	ng	#	95
74) Fluoranthene	16.43	202	254668	27.78	ng		98
77) Pyrene	16.73	202	245578	23.96	ng	#	94
80) Benzo(a)anthracene	18.32	228	110712	13.86	ng		97
82) Chrysene	18.36	228	107906	13.52	ng		96
83) Bis(2-ethylhexyl)phthalate	18.41	149	13608	2.16	ng	#	96
85) Indeno(1,2,3-cd)pyrene	21.19	276	33274	4.87	ng		97
87) Benzo(b)fluoranthene	19.60	252	93922m	14.07	ng		
88) Benzo(k)fluoranthene	19.63	252	36728m	5.76	ng		
89) Benzo(a)pyrene	19.95	252	78136	12.74	ng		96
91) Benzo(g,h,i)perylene	21.52	276	34929	6.58	ng		95

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

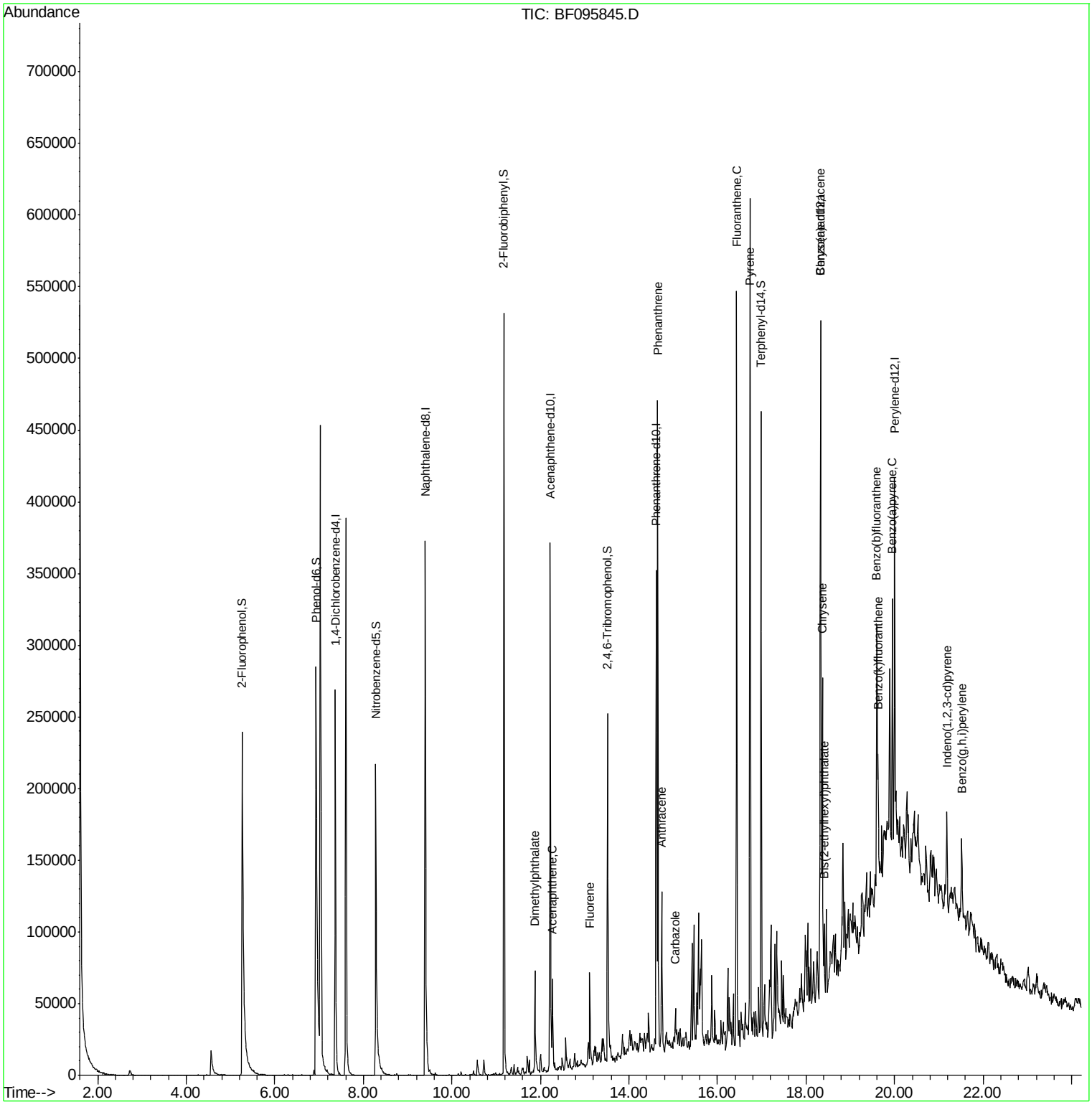
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

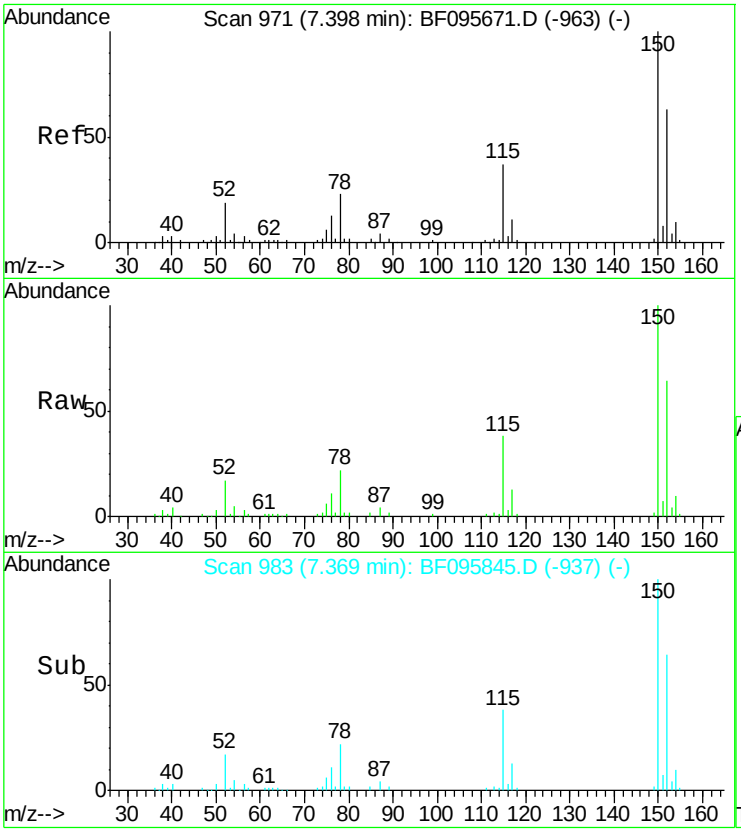
Quantitation Report (QT Reviewed)

Data File : BF095845.D
Acq On : 10 Jun 2017 3:57
Operator : SJ/MA
Sample : I3503-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 12 07:13:21 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



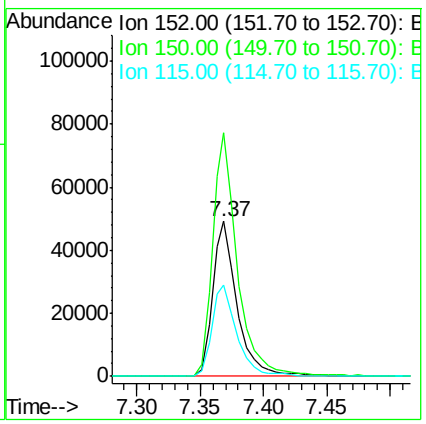


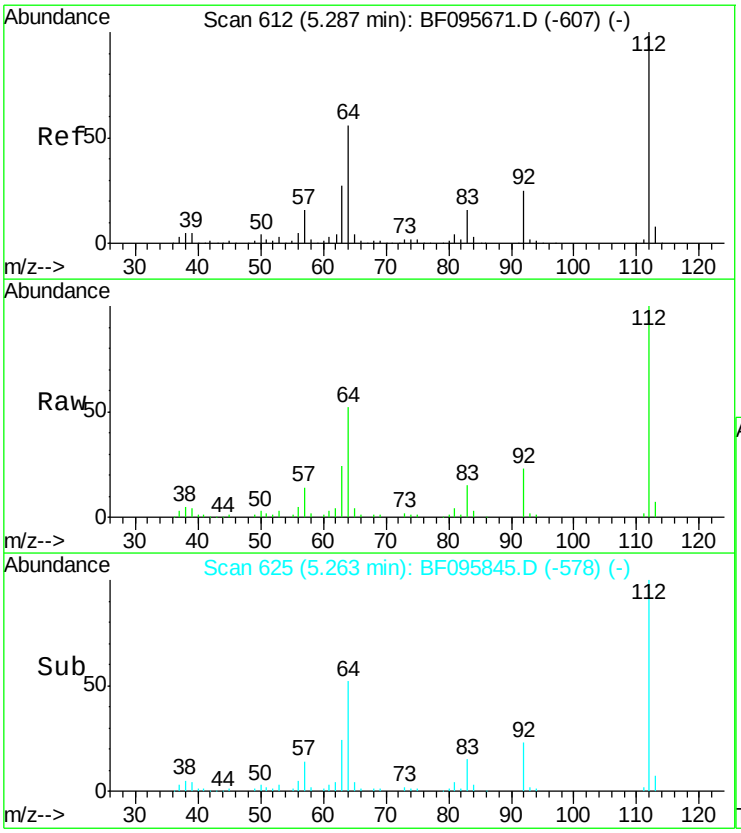
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:152 Resp: 66033

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	59.0	52.2	78.2

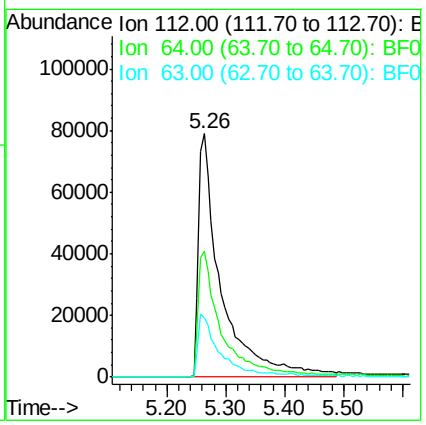


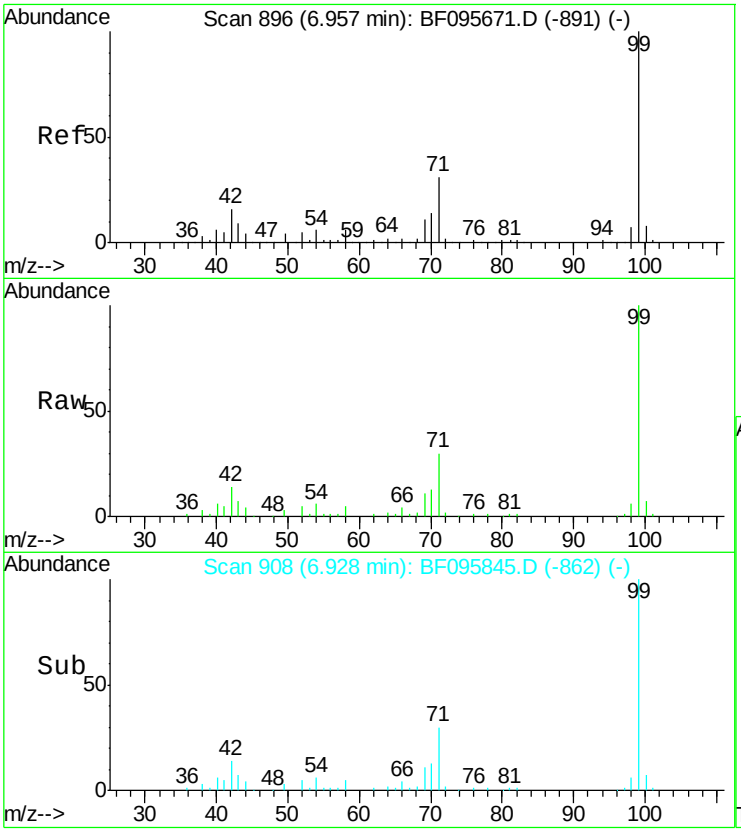


#5
2-Fluorophenol
Concen: 50.80 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:112 Resp: 210501

Ion	Ratio	Lower	Upper
112	100		
64	51.6	46.0	69.0
63	24.3	23.4	35.0



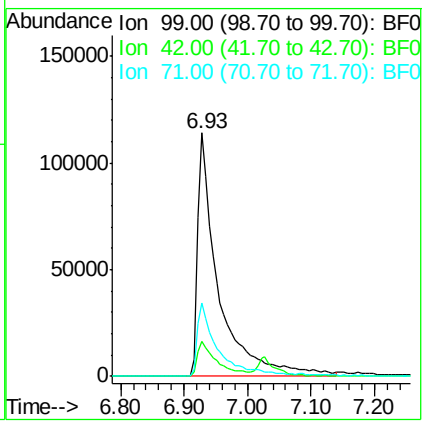


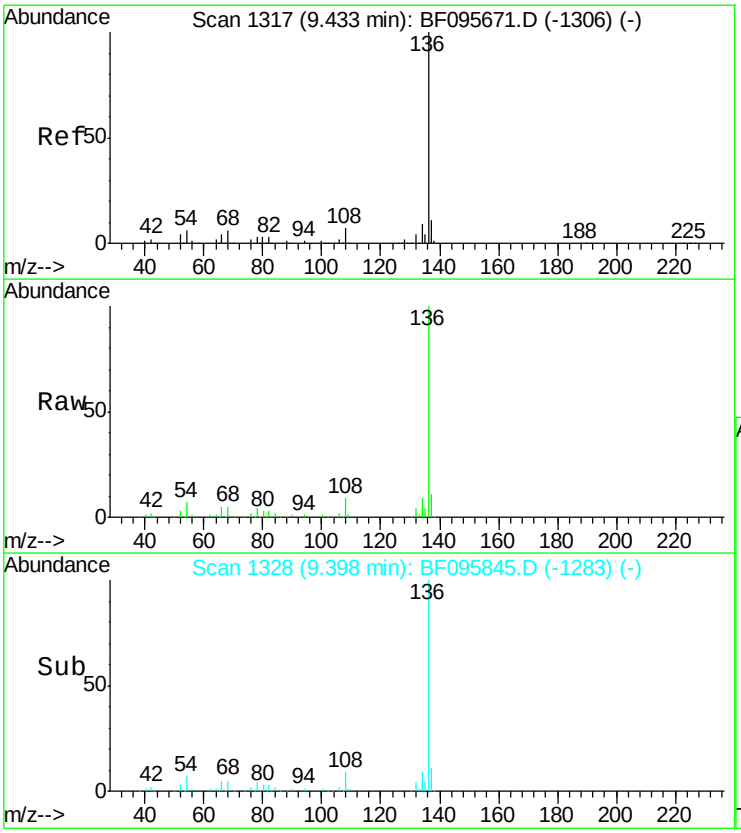
#7
Phenol-d6
Concen: 52.05 ng
RT: 6.93 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion: 99 Resp: 258247

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.5	20.3
71	30.0	24.5	36.7

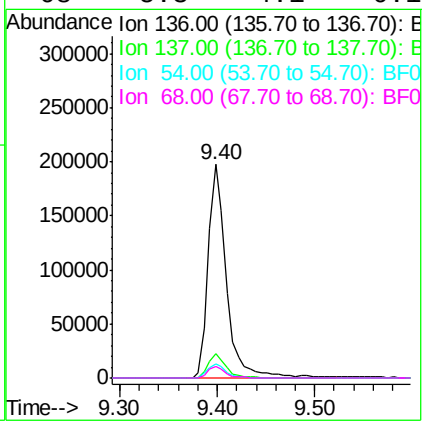


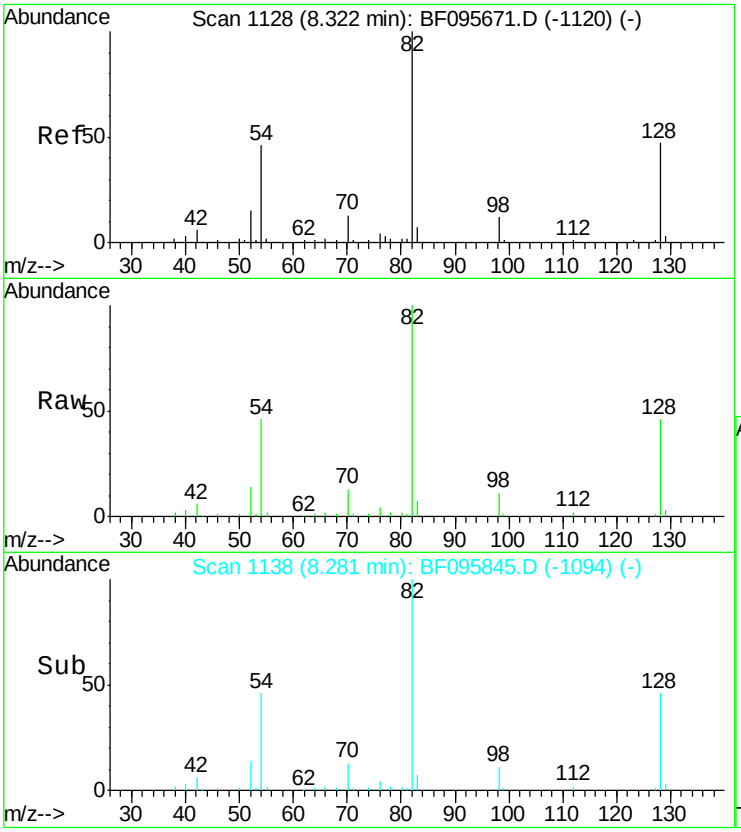


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:136 Resp: 258712

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.6	4.9	7.3
68	5.3	4.1	6.1



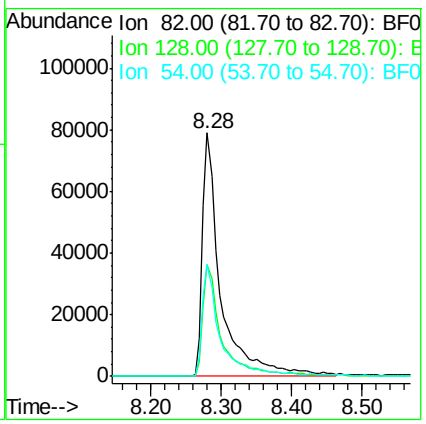


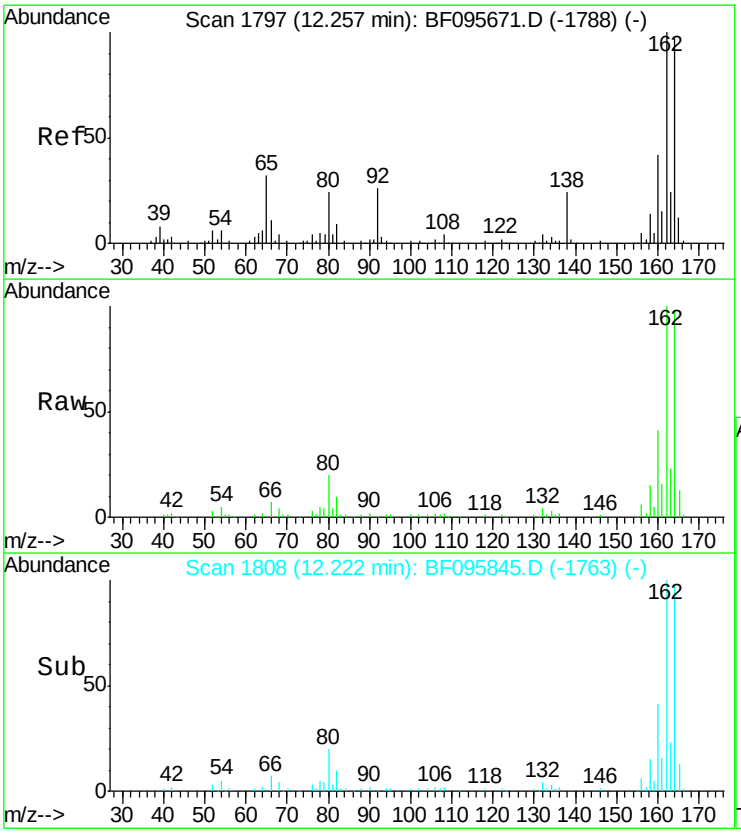
#23
Nitrobenzene-d5
Concen: 34.46 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion: 82 Resp: 143534

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	46.1	42.2	63.2

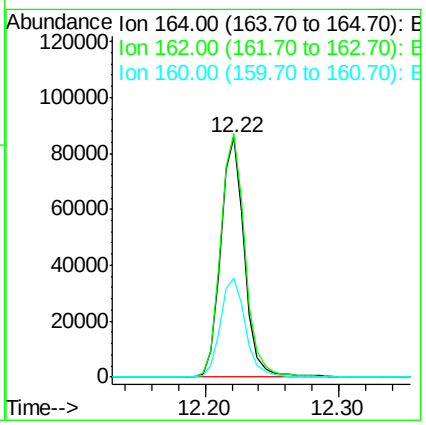


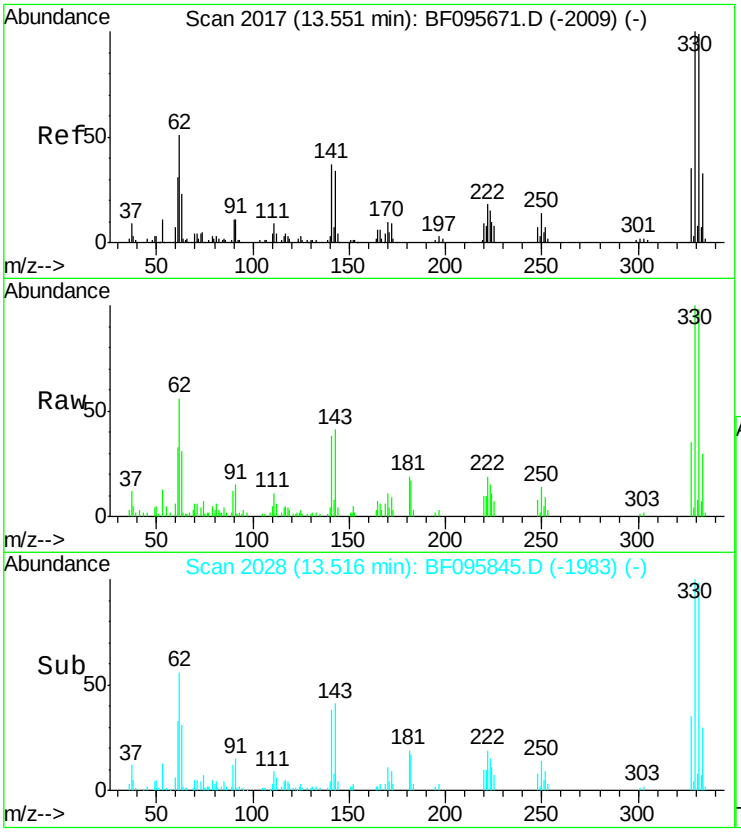


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:164 Resp: 106892

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	41.5	36.2	54.2



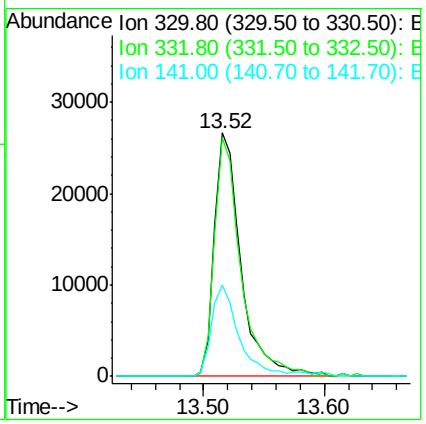


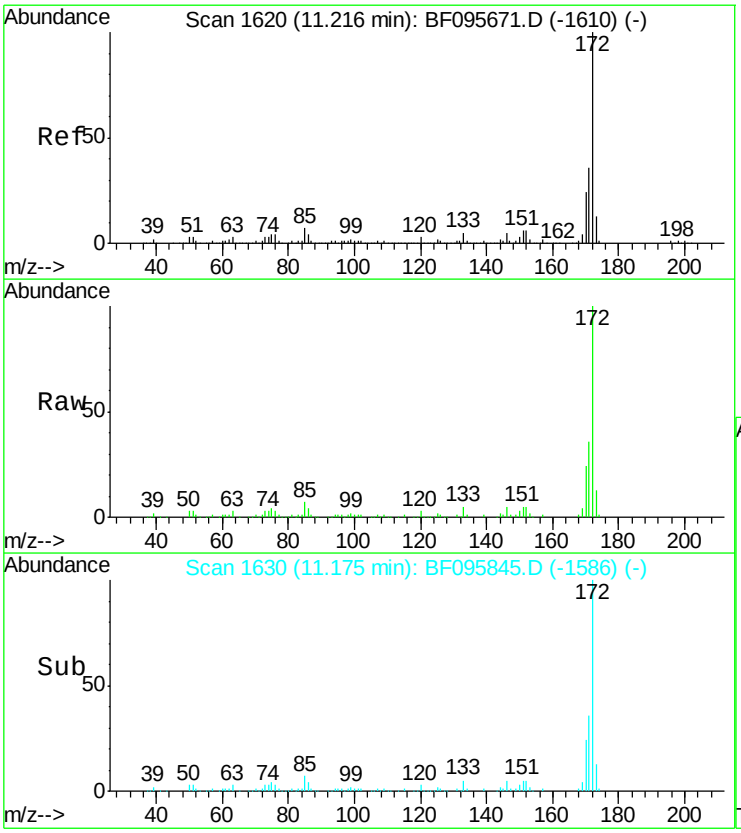
#41
2,4,6-Tribromophenol
Concen: 42.96 ng
RT: 13.52 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:330 Resp: 40633

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	40.2	31.4	47.2

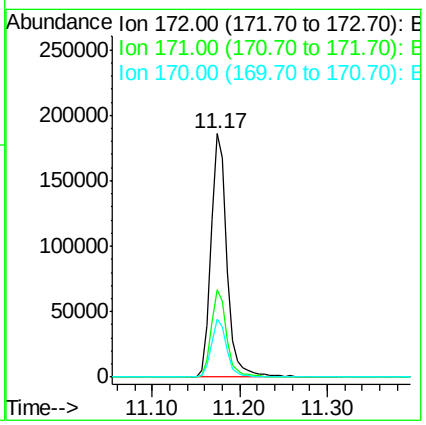


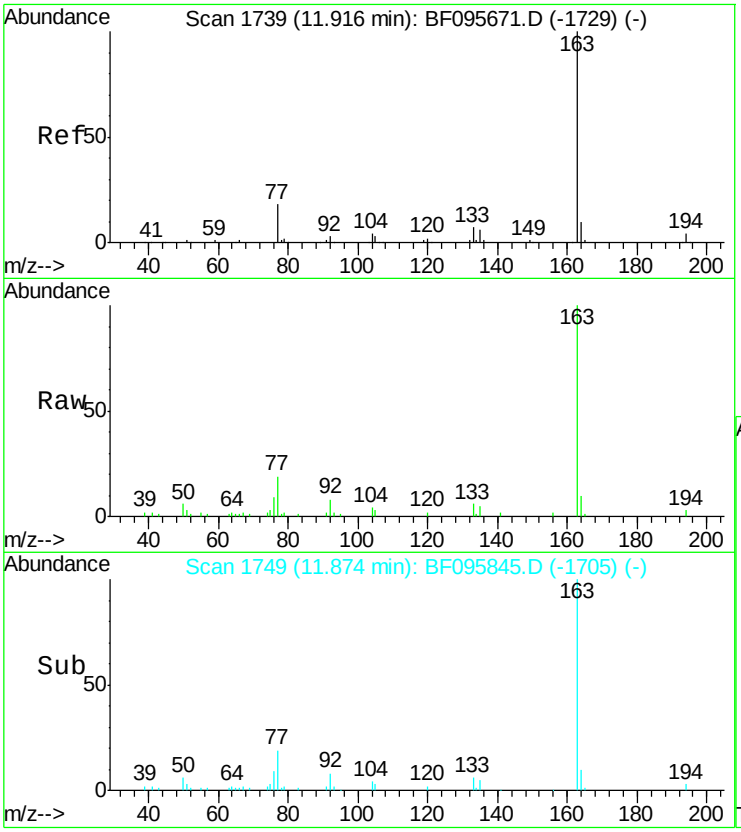


#44
2-Fluorobiphenyl
Concen: 30.74 ng
RT: 11.17 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:172 Resp: 236090

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	19.8	29.8



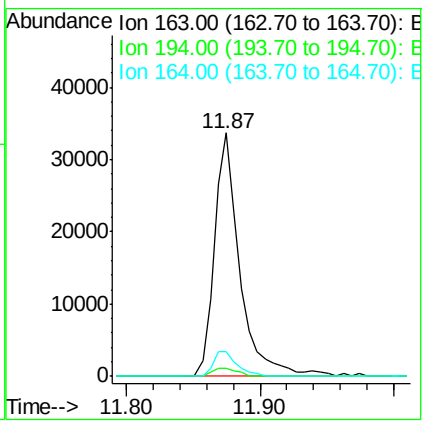


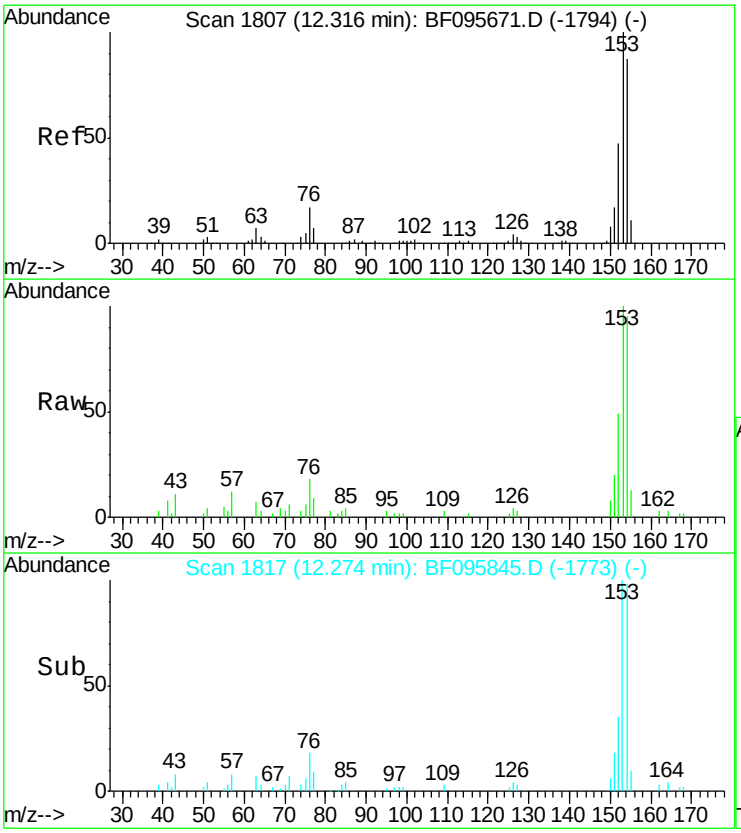
#49
Dimethylphthalate
Concen: 5.53 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:163 Resp: 44908

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6

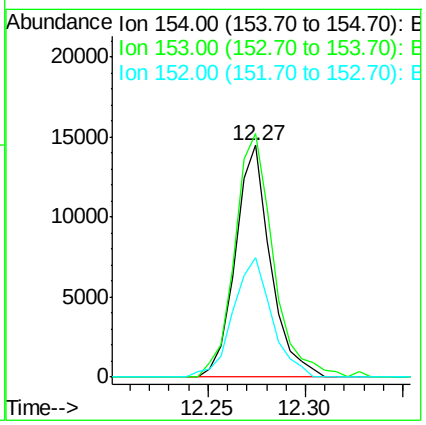


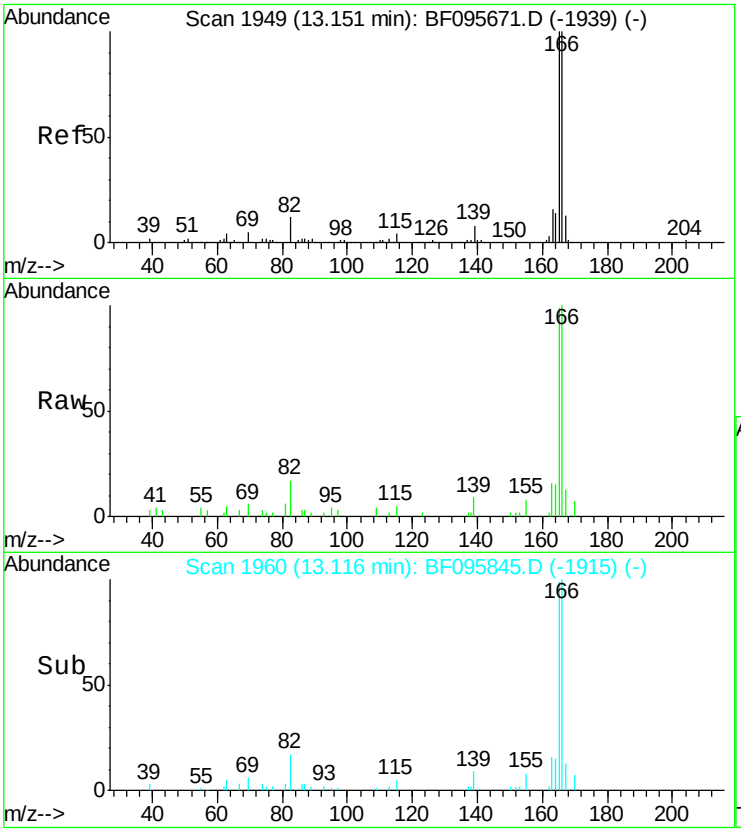


#51
Acenaphthene
Concen: 2.66 ng
RT: 12.27 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:154 Resp: 18049

Ion	Ratio	Lower	Upper
154	100		
153	105.0	90.5	135.7
152	51.4	43.6	65.4



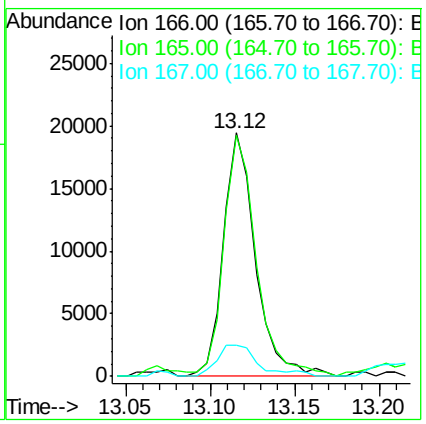


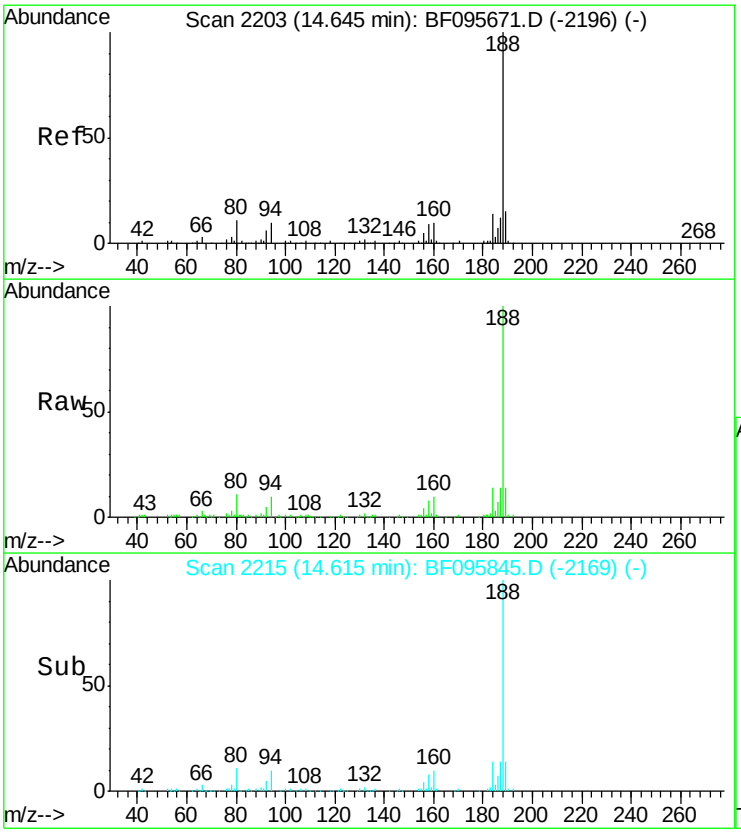
#57
Fluorene
Concen: 3.09 ng
RT: 13.12 min Scan# 1960
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:166 Resp: 25740

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.8	118.2
167	12.9	10.6	16.0

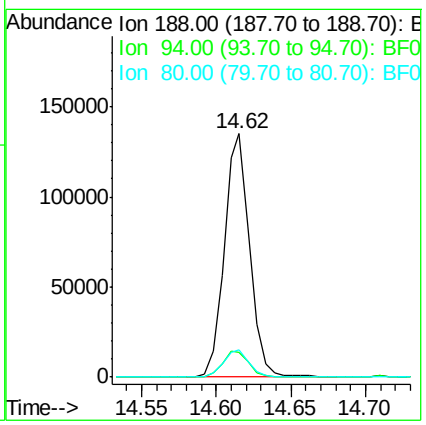


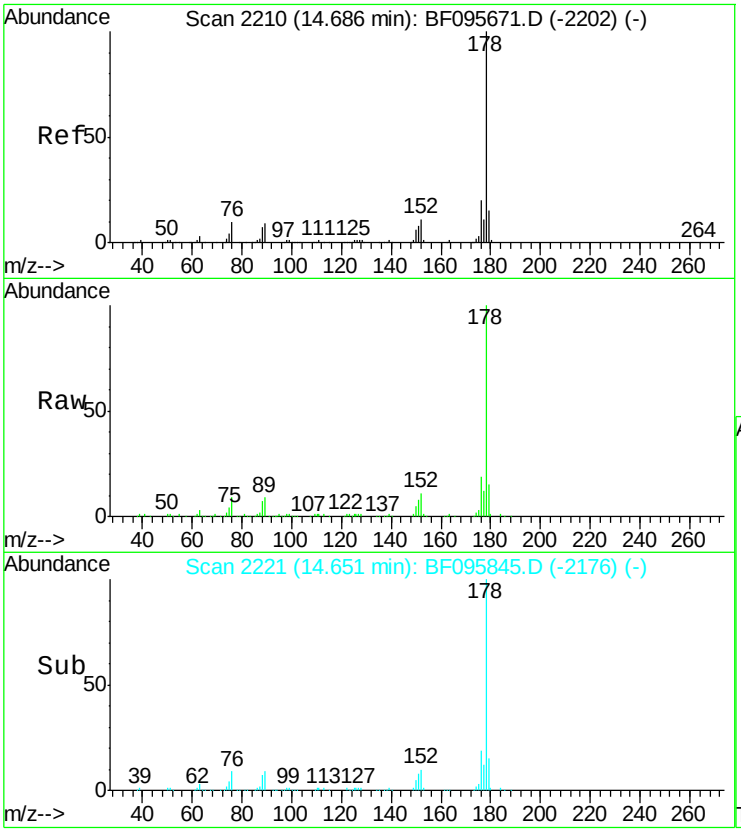


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:188 Resp: 160514

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.1	10.2	15.2



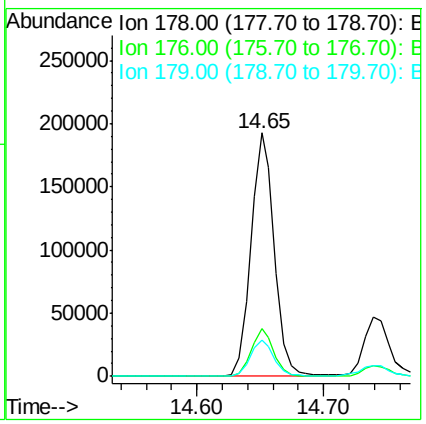


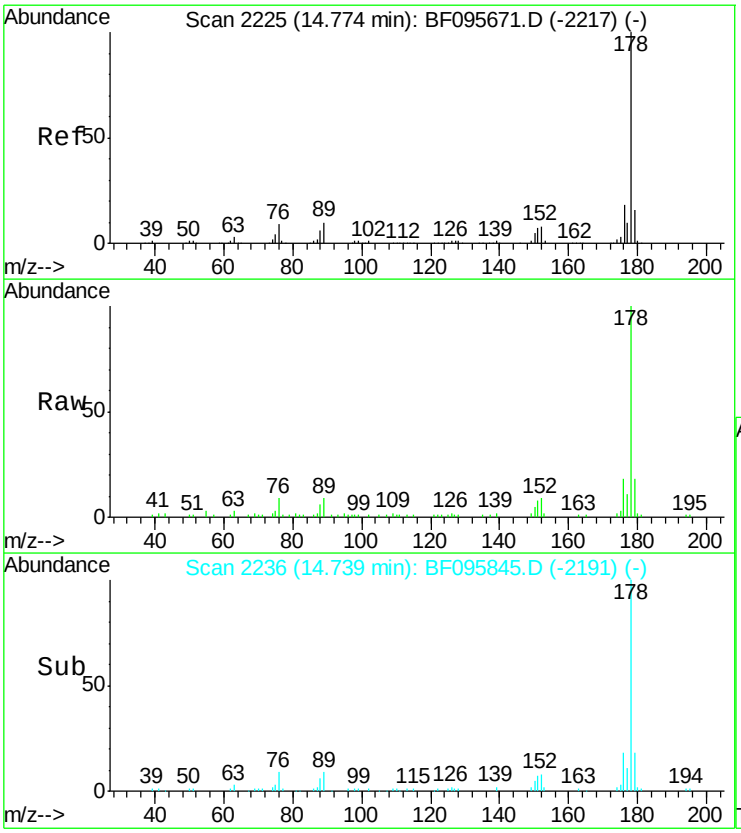
#70
Phenanthrene
Concen: 26.76 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:178 Resp: 247819

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.2	12.6	19.0

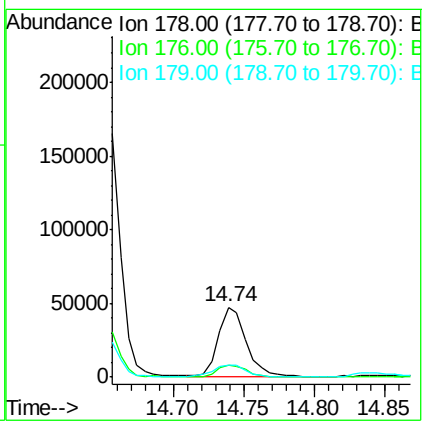


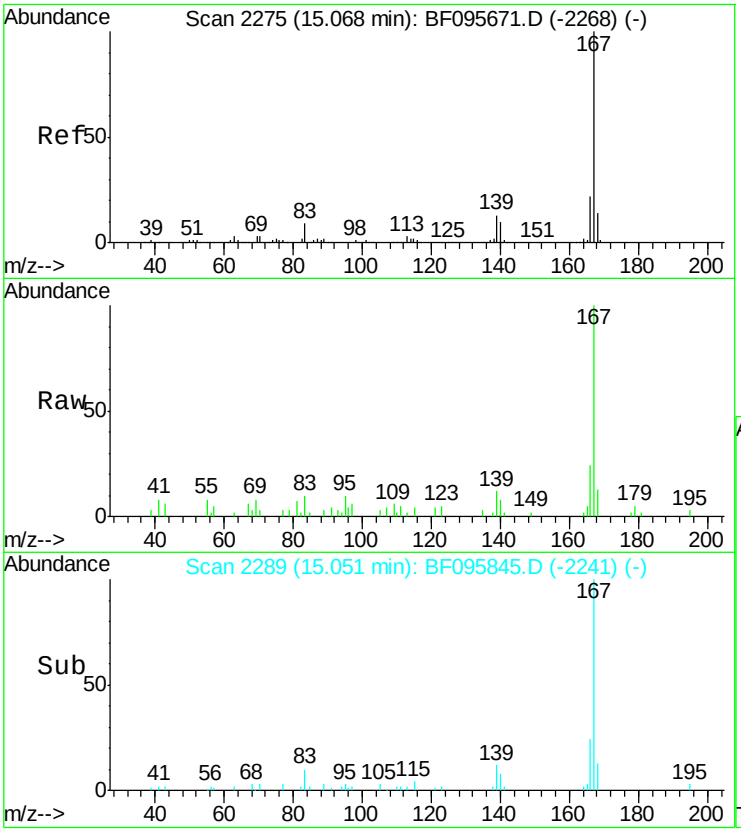


#71
Anthracene
Concen: 6.67 ng
RT: 14.74 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:178 Resp: 64517

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



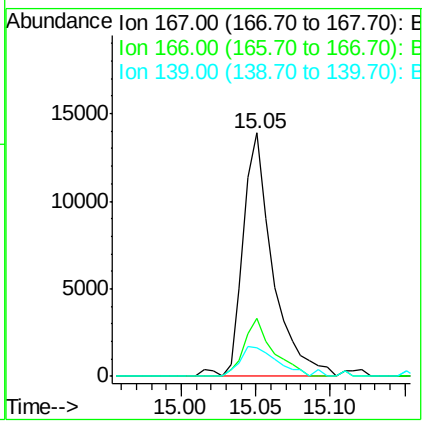


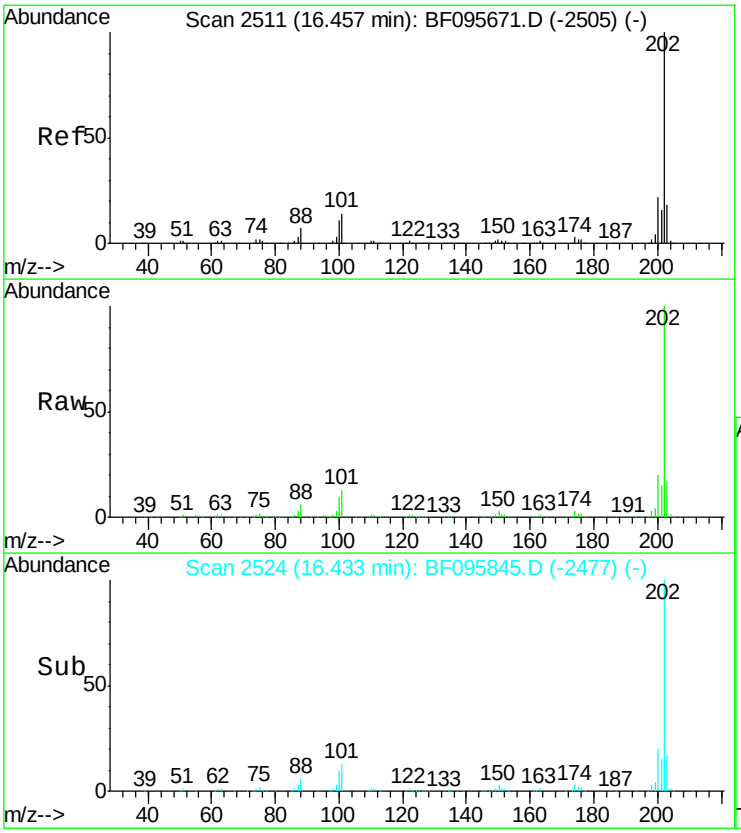
#72
Carbazole
Concen: 2.03 ng
RT: 15.05 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:167 Resp: 19081

Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.1	27.1
139	11.7	11.7	17.5#

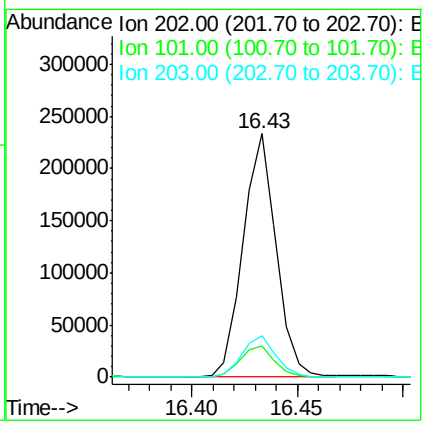


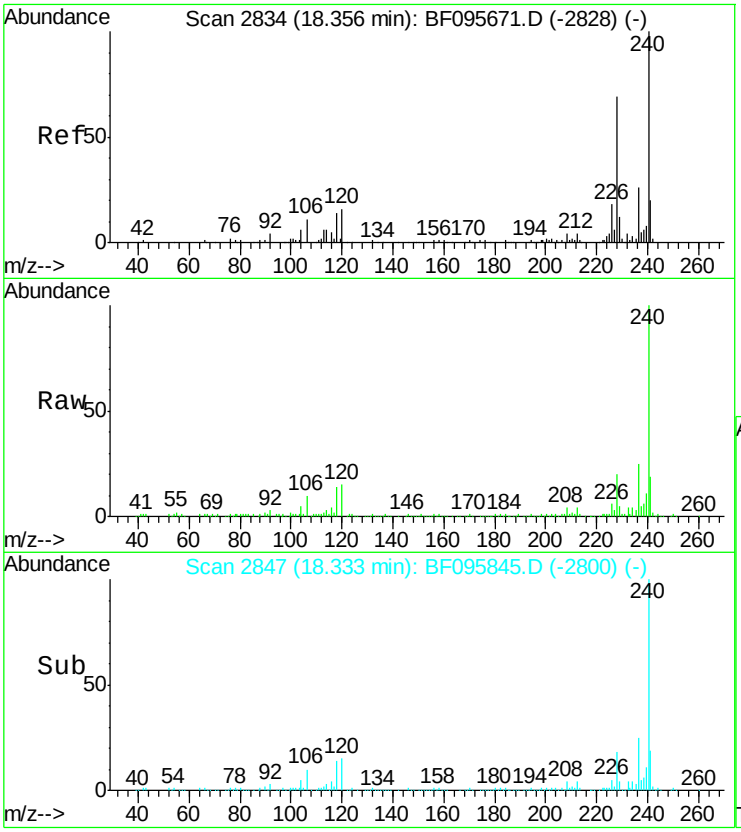


#74
Fluoranthene
Concen: 27.78 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:202 Resp: 254668

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	16.8	0.0	38.1



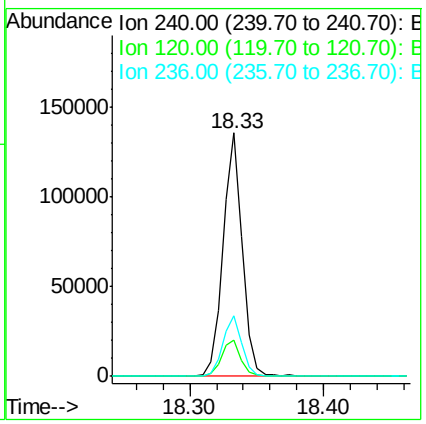


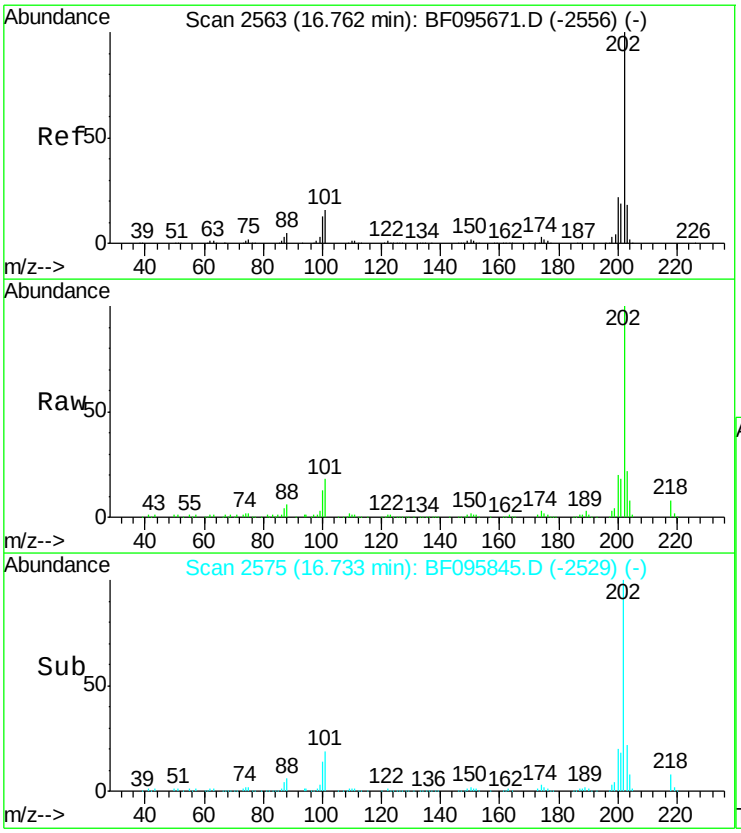
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:240 Resp: 137350

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.1	20.5	30.7

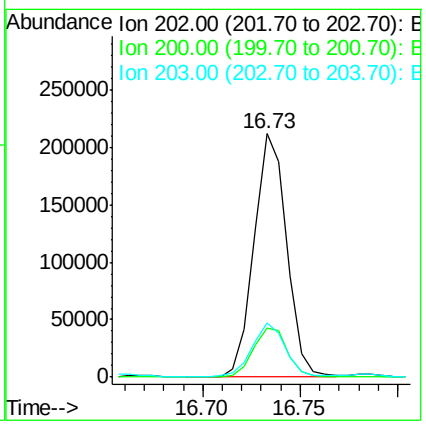


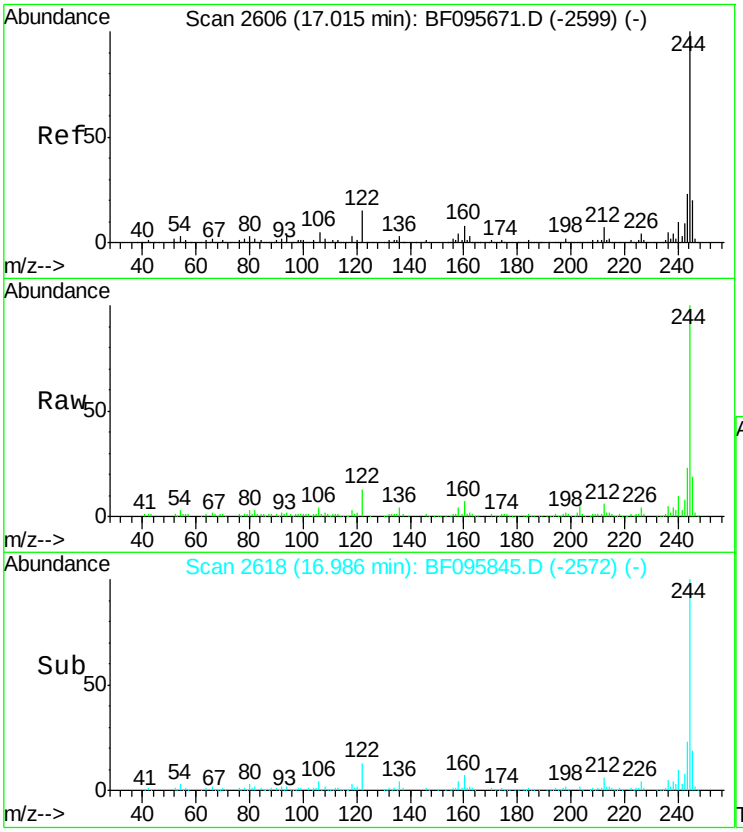


#77
Pyrene
Concen: 23.96 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:202 Resp: 245578

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	22.0	14.4	21.6#



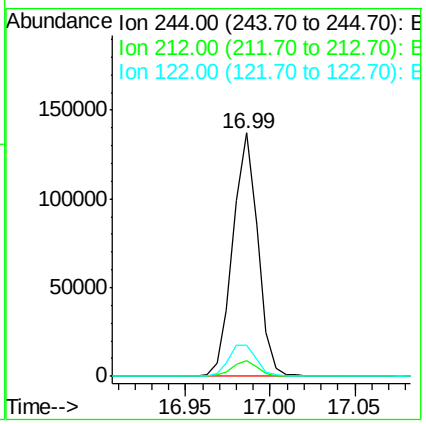


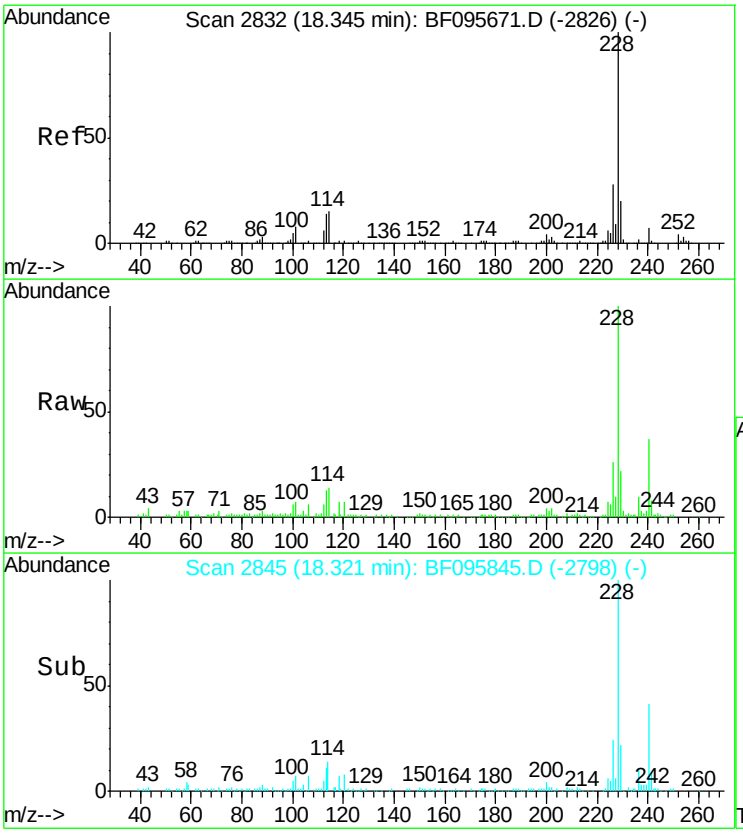
#78
Terphenyl-d14
Concen: 25.40 ng
RT: 16.99 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:244 Resp: 140551

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	12.8	10.3	15.5

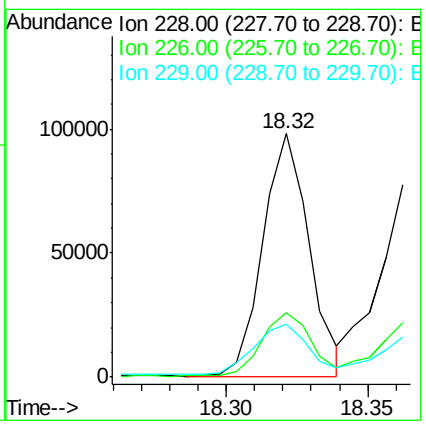


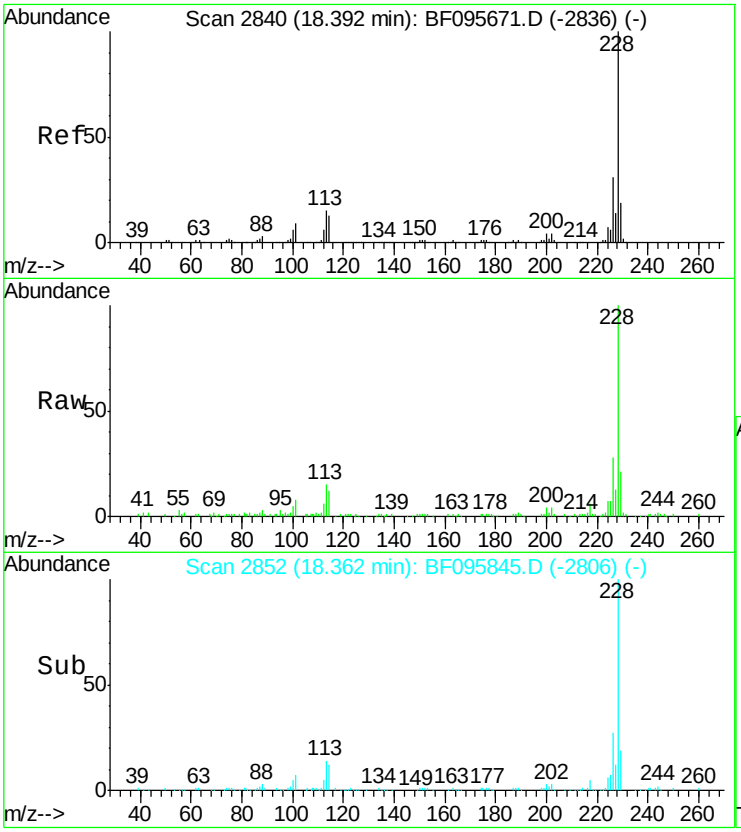


#80
Benzo(a)anthracene
Concen: 13.86 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:228 Resp: 110712

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.6	33.8
229	21.8	16.3	24.5



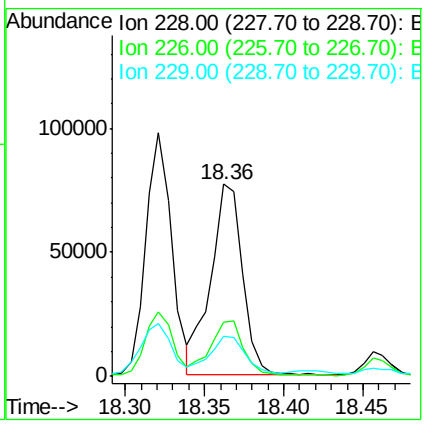


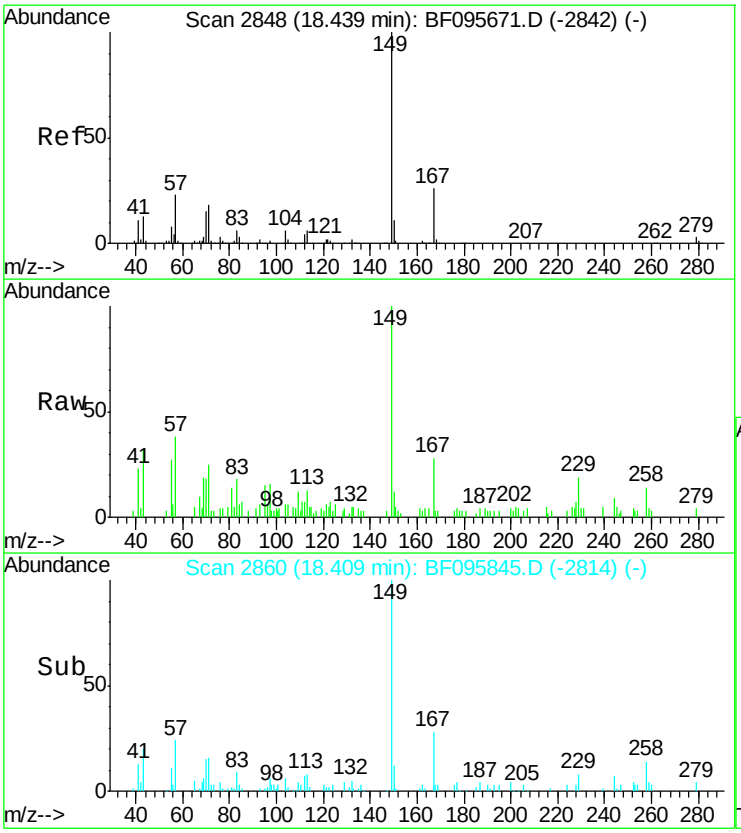
#82
Chrysene
Concen: 13.52 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:228 Resp: 107906

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.9	37.3
229	20.8	15.8	23.6

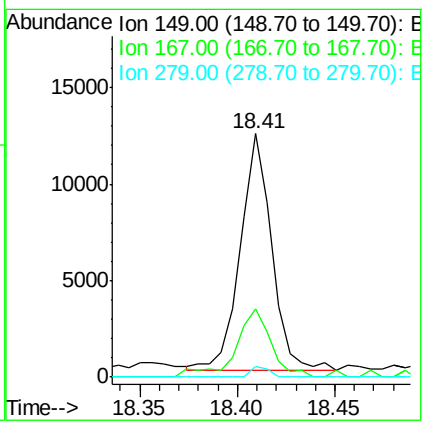


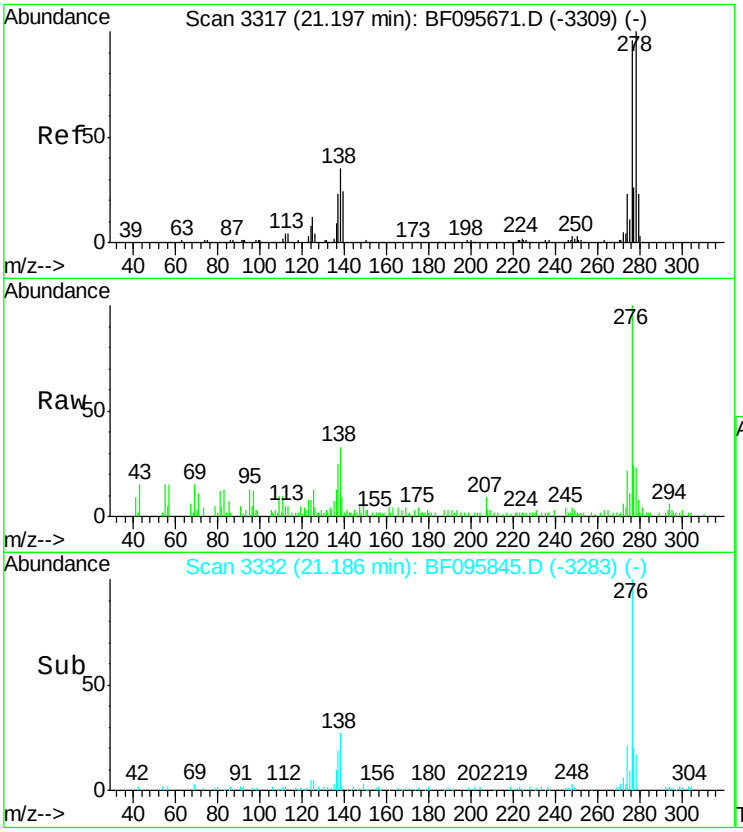


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.16 ng
RT: 18.41 min Scan# 2860
Delta R.T. -0.03 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:149 Resp: 13608

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.0	31.4
279	4.2	1.9	2.9#



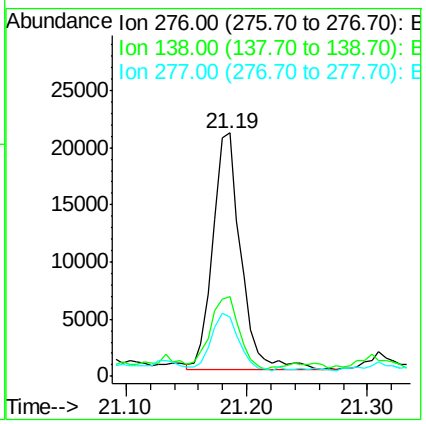


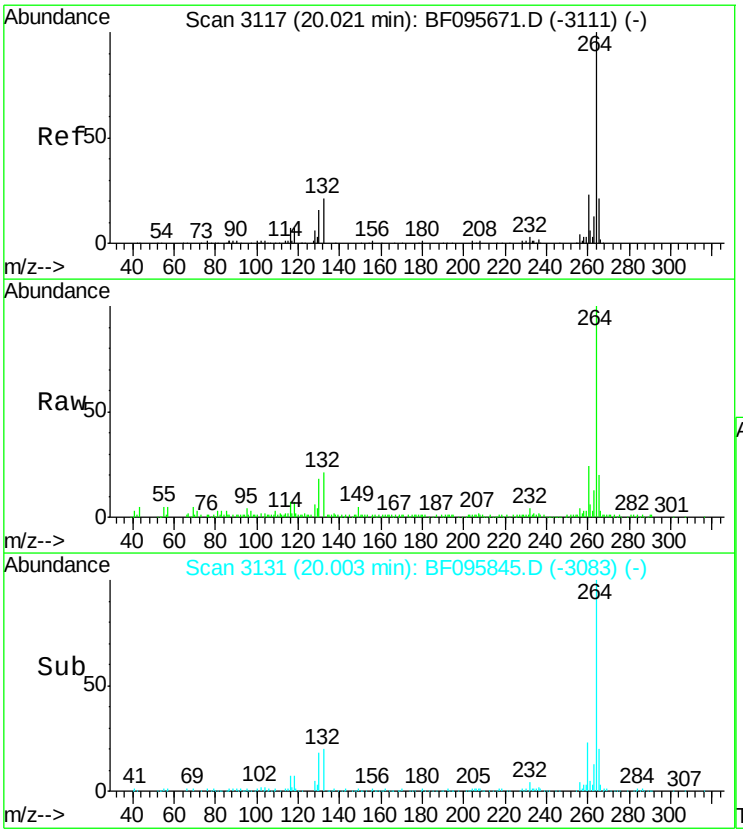
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.87 ng
RT: 21.19 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:276 Resp: 33274

Ion	Ratio	Lower	Upper
276	100		
138	31.9	27.8	41.6
277	24.5	20.2	30.4

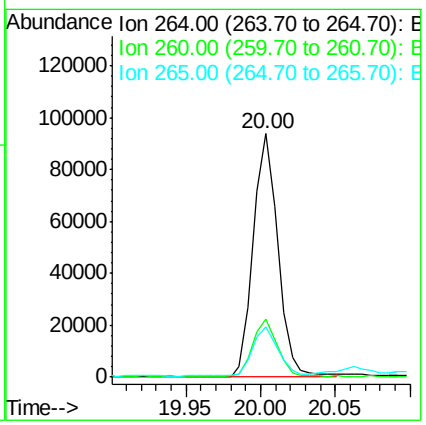


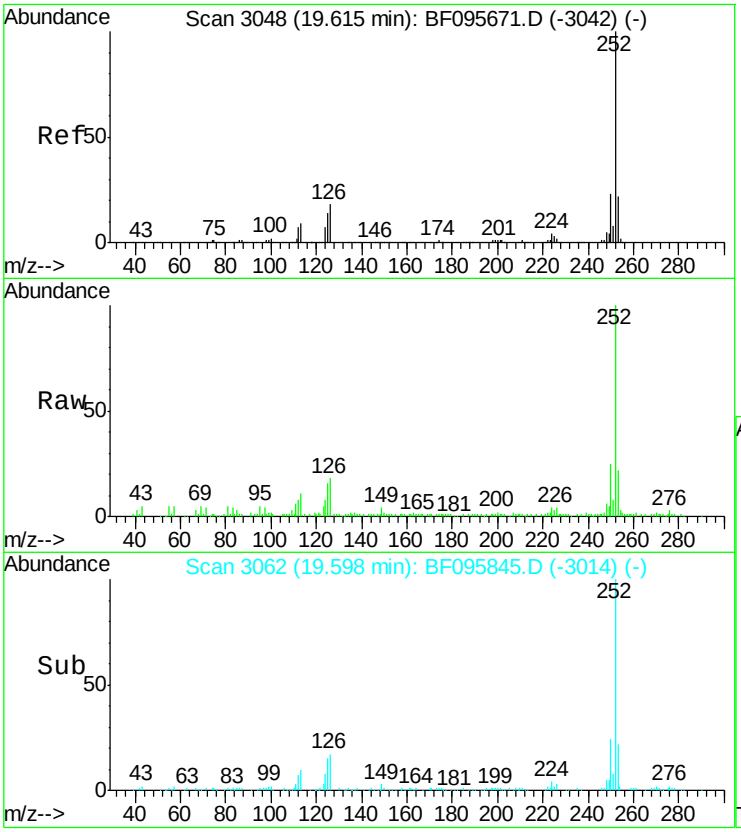


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:264 Resp: 106604

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.5	17.2	25.8



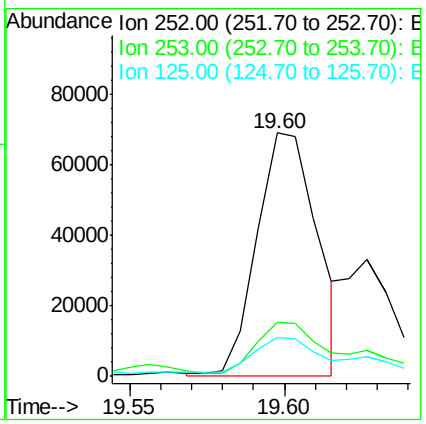


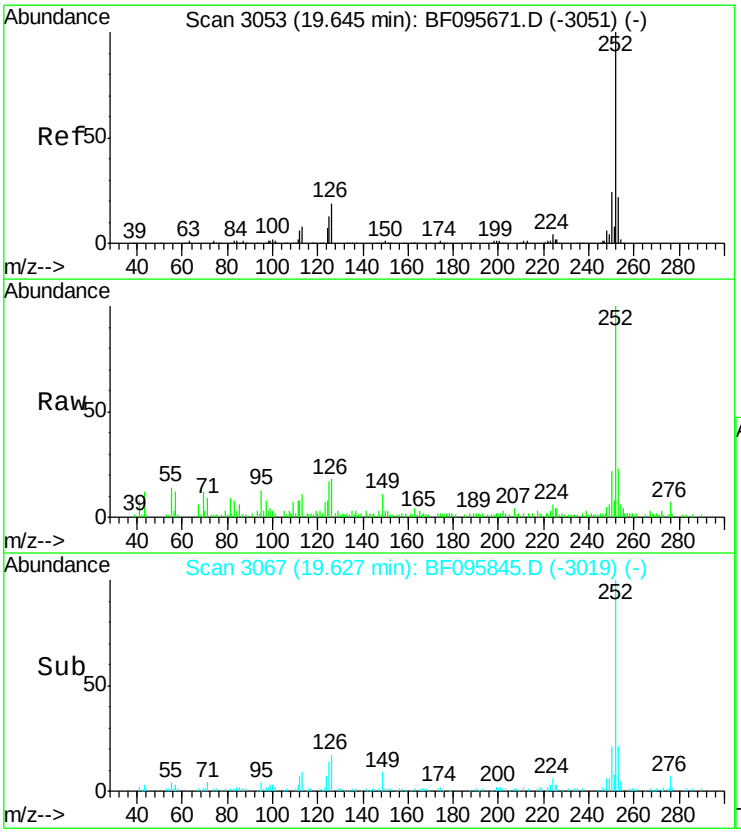
#87
Benzo(b)fluoranthene
Concen: 14.07 ng m
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:252 Resp: 93922

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	15.8	9.8	14.8#

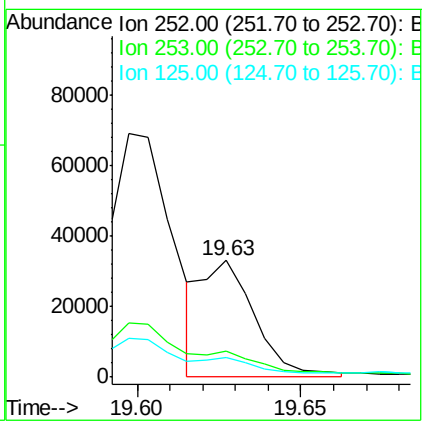


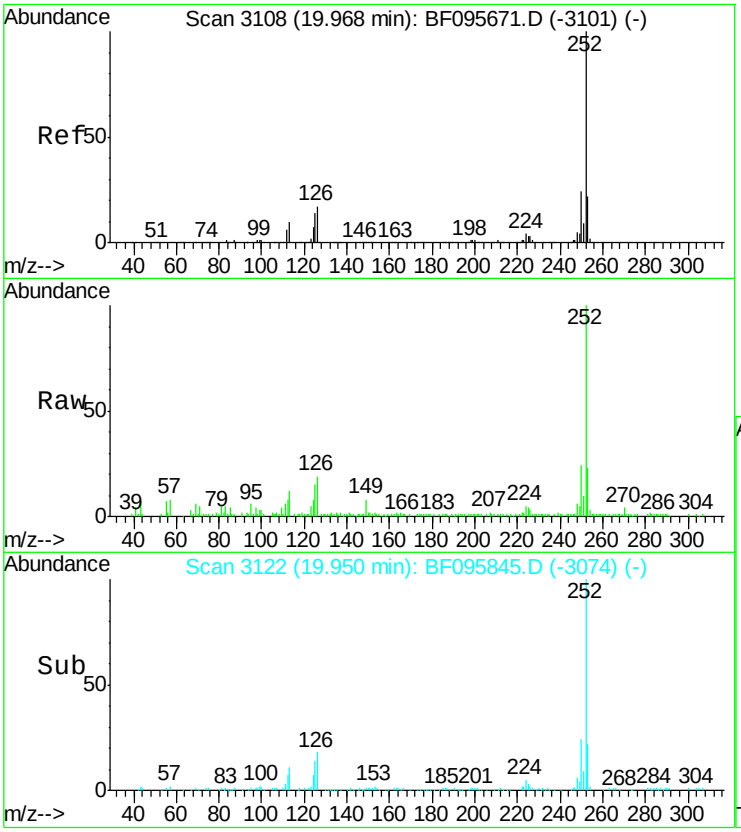


#88
Benzo(k)fluoranthene
Concen: 5.76 ng m
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:252 Resp: 36728

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	16.9	13.1	19.7



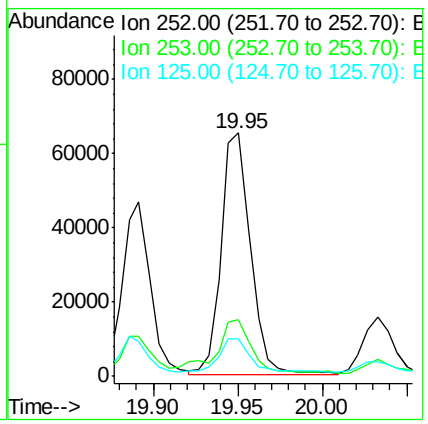


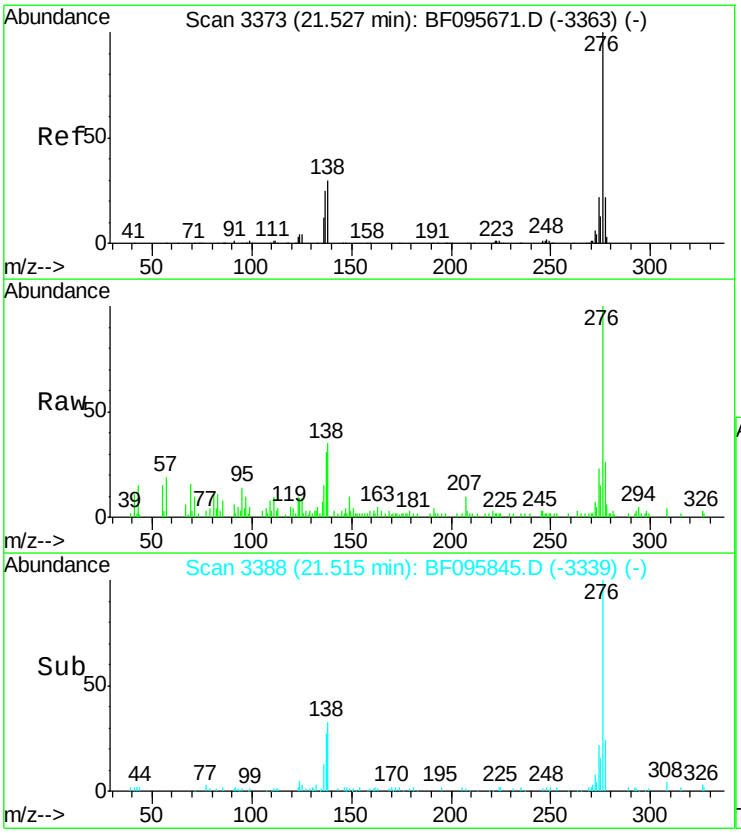
#89
Benzo(a)pyrene
Concen: 12.74 ng
RT: 19.95 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

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

Tgt Ion:252 Resp: 78136

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	15.5	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 6.58 ng
RT: 21.52 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BF095845.D
Acq: 10 Jun 2017 3:57

Tgt Ion:276 Resp: 34929

Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.6	28.0
138	34.6	25.4	38.0