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

Quantitation Report (QT Reviewed)

Data File : BF095842.D
Acq On : 10 Jun 2017 2:20
Operator : SJ/MA
Sample : I3457-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-6

Quant Time: Jun 10 03:41:39 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	68021	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	272259	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	116772	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	181805	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	140543	20.00	ng		-0.02
86) Perylene-d12	20.00	264	118586	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	500559	117.26	ng		-0.02
7) Phenol-d6	6.93	99	597551	116.93	ng		-0.03
23) Nitrobenzene-d5	8.29	82	330049	75.29	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	102357	99.07	ng		-0.04
44) 2-Fluorobiphenyl	11.18	172	494057	58.88	ng		-0.04
78) Terphenyl-d14	16.99	244	281332	49.68	ng		-0.03
Target Compounds							Qvalue
48) Acenaphthylene	12.00	152	30663	2.38	ng		97
49) Dimethylphthalate	11.87	163	83357	9.40	ng		98
70) Phenanthrene	14.65	178	46349	4.42	ng		99
71) Anthracene	14.74	178	29477m	2.69	ng		
74) Fluoranthene	16.43	202	171422	16.51	ng		97
77) Pyrene	16.73	202	198425	18.92	ng		96
80) Benzo(a)anthracene	18.32	228	120775	14.78	ng		97
82) Chrysene	18.36	228	114186	13.98	ng		97
85) Indeno(1,2,3-cd)pyrene	21.18	276	44818	6.41	ng		94
87) Benzo(b)fluoranthene	19.60	252	124431m	16.76	ng		
88) Benzo(k)fluoranthene	19.63	252	44830m	6.32	ng		
89) Benzo(a)pyrene	19.94	252	98718	14.46	ng		94
90) Dibenzo(a,h)anthracene	21.17	278	13029	2.25	ng	#	79
91) Benzo(g,h,i)perylene	21.51	276	43827	7.43	ng		98

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

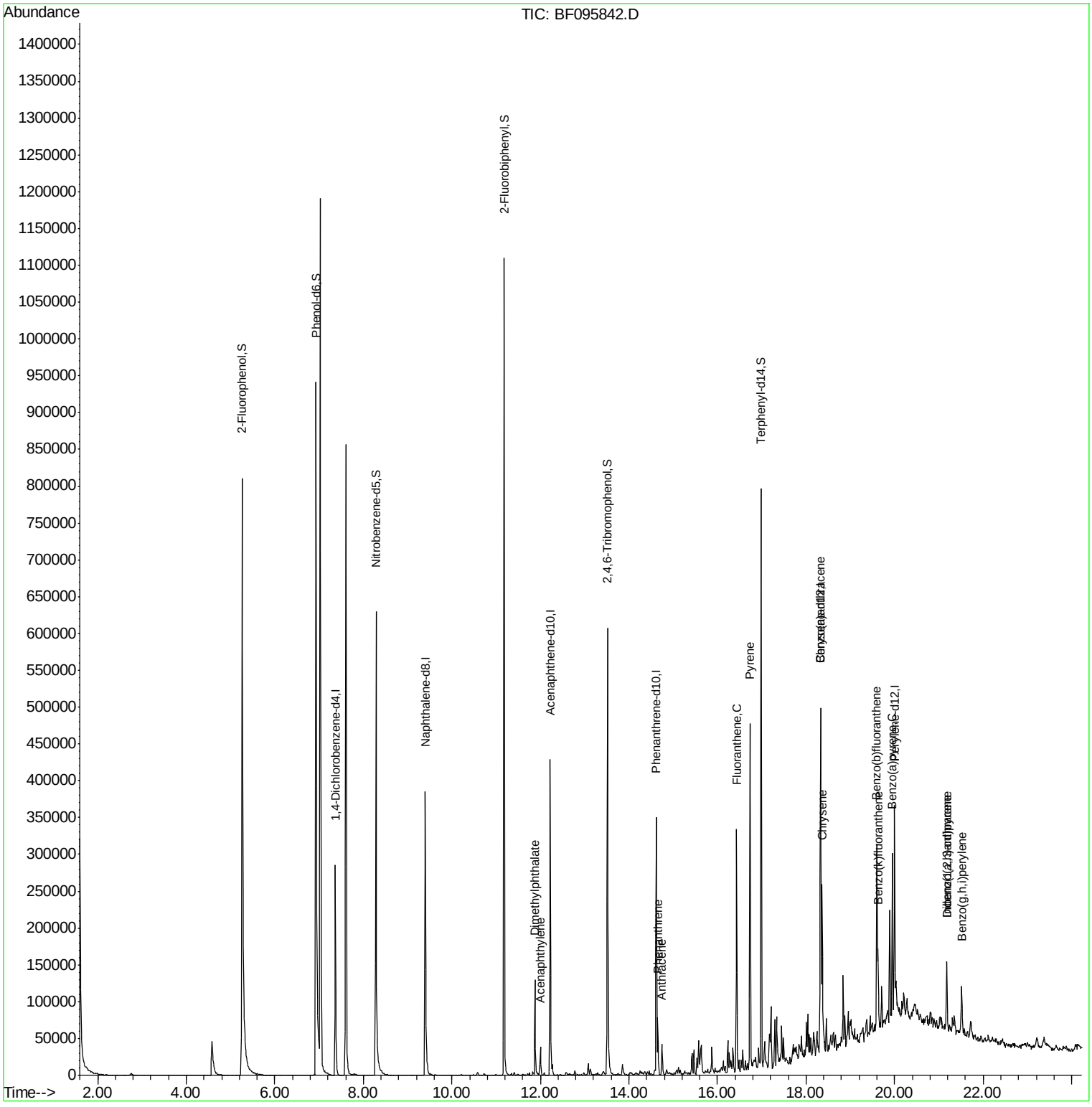
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

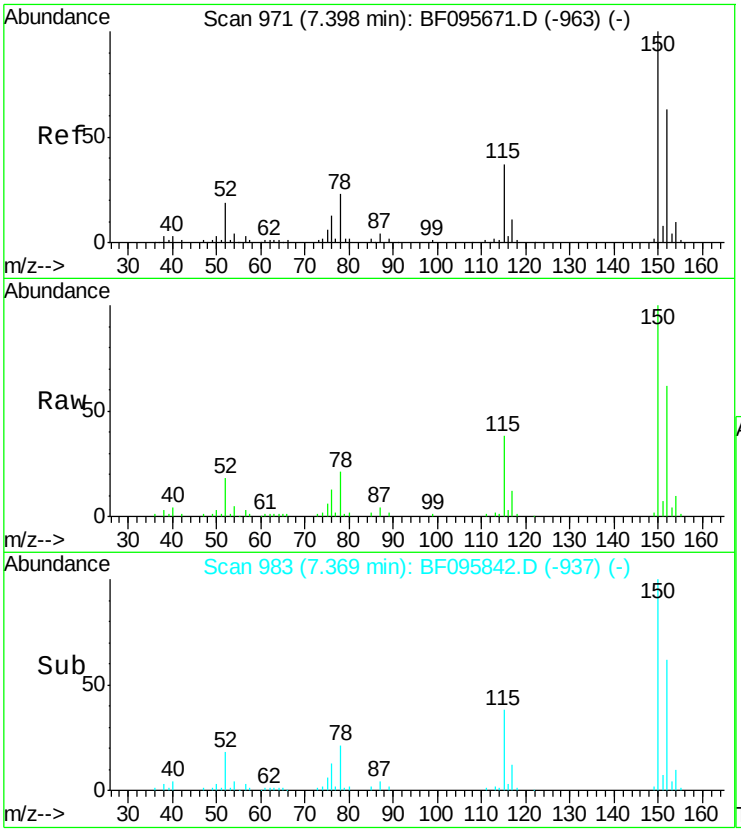
Quantitation Report (QT Reviewed)

Data File : BF095842.D
Acq On : 10 Jun 2017 2:20
Operator : SJ/MA
Sample : I3457-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-6

Quant Time: Jun 10 03:41:39 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



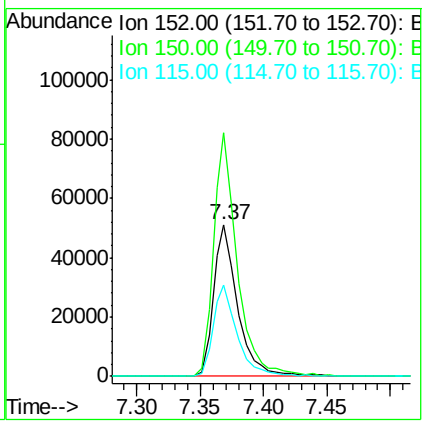


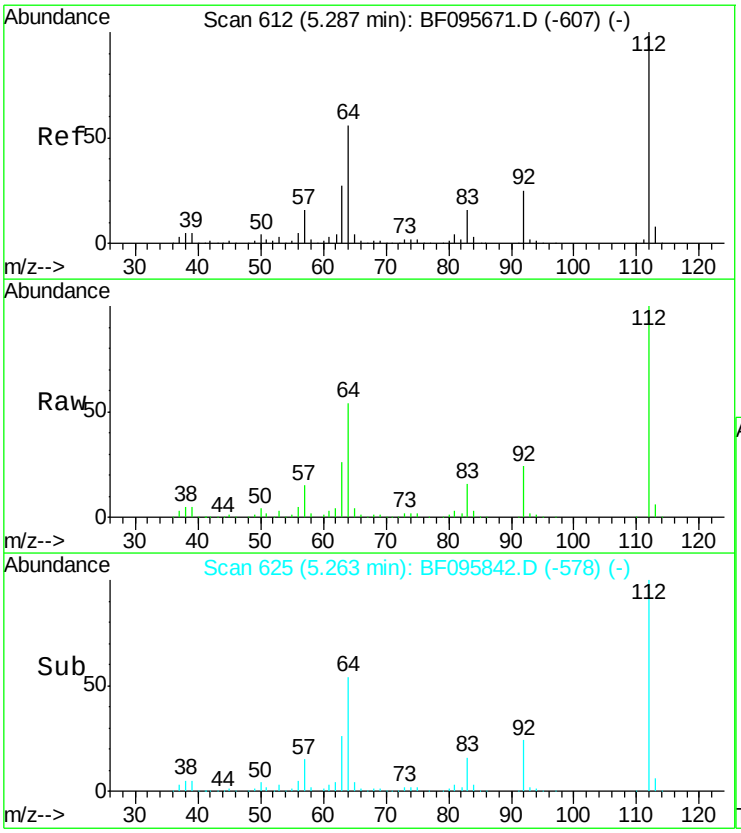
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:152 Resp: 68021

Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	60.4	52.2	78.2

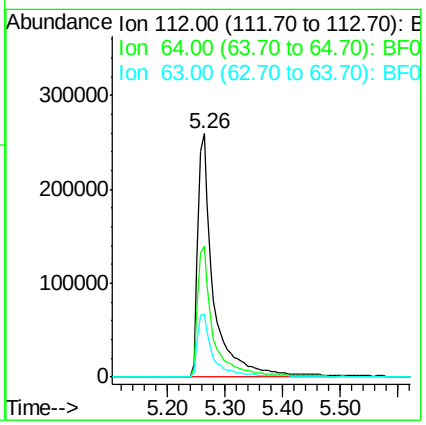


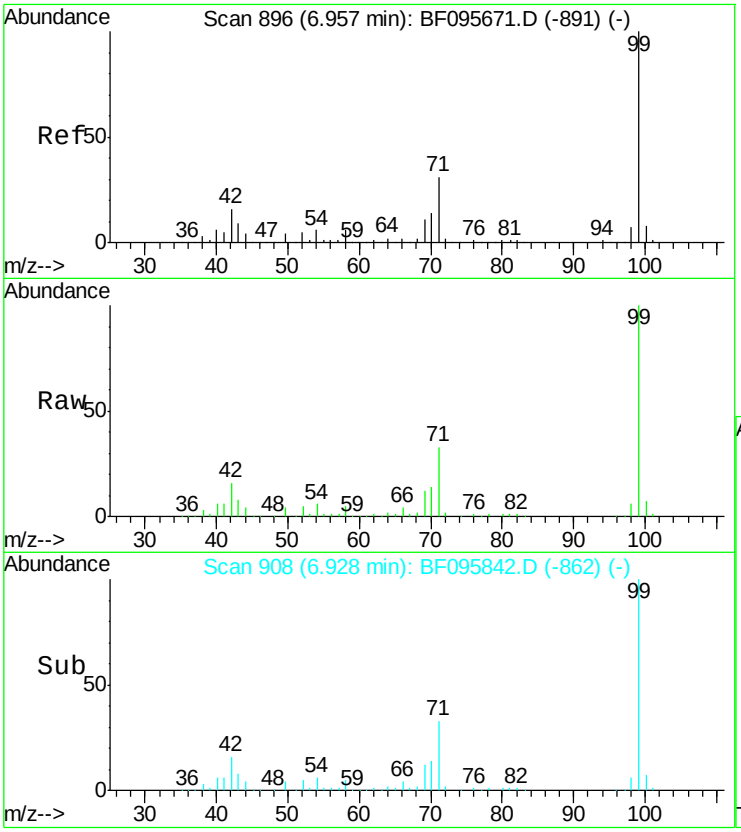


#5
2-Fluorophenol
Concen: 117.26 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:112 Resp: 500559

Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	26.1	23.4	35.0



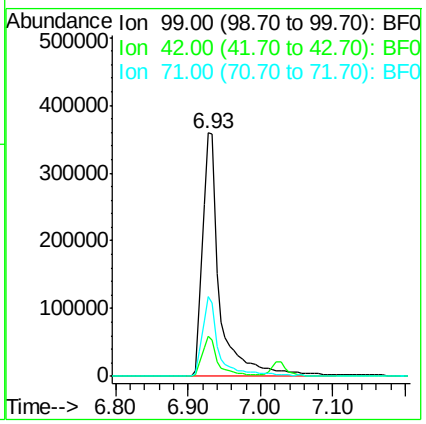


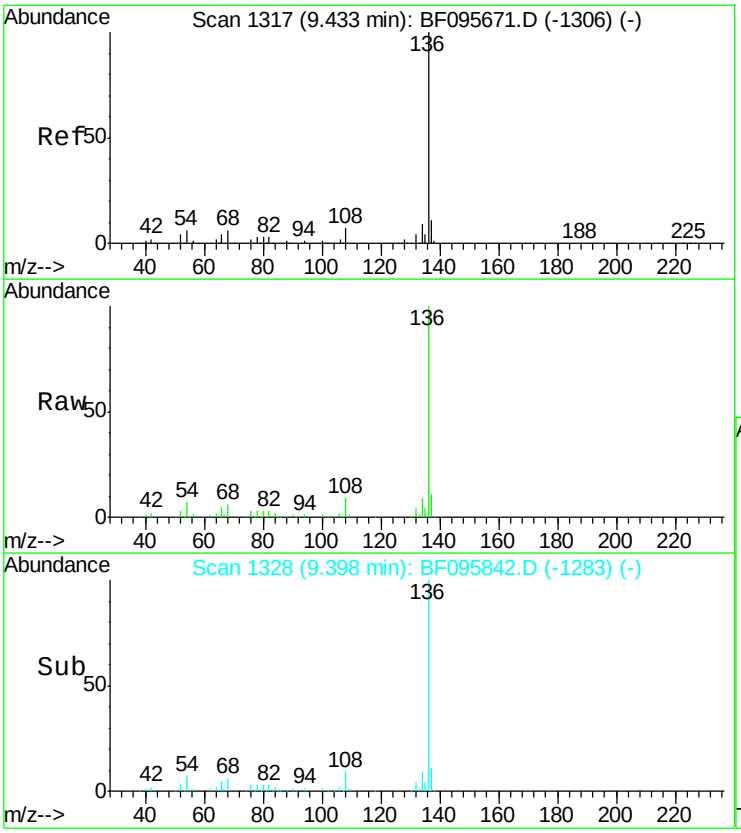
#7
Phenol-d6
Concen: 116.93 ng
RT: 6.93 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion: 99 Resp: 597551

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.9	24.5	36.7

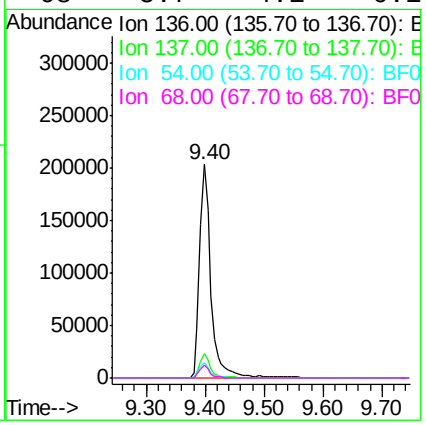


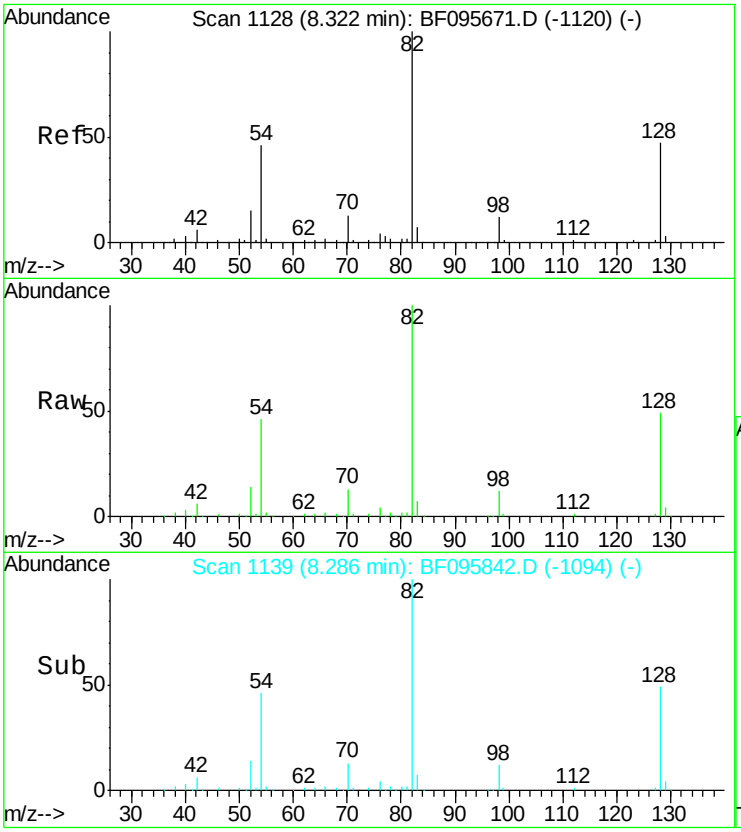


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:136 Resp: 272259

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.1	4.9	7.3
68	5.7	4.1	6.1



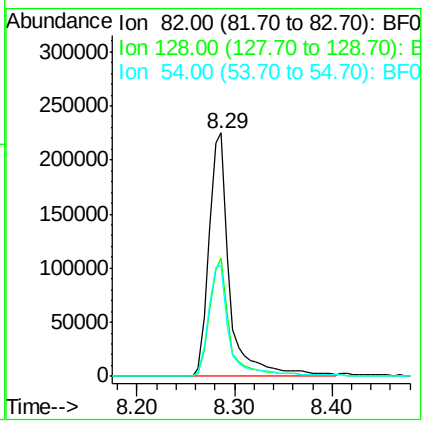


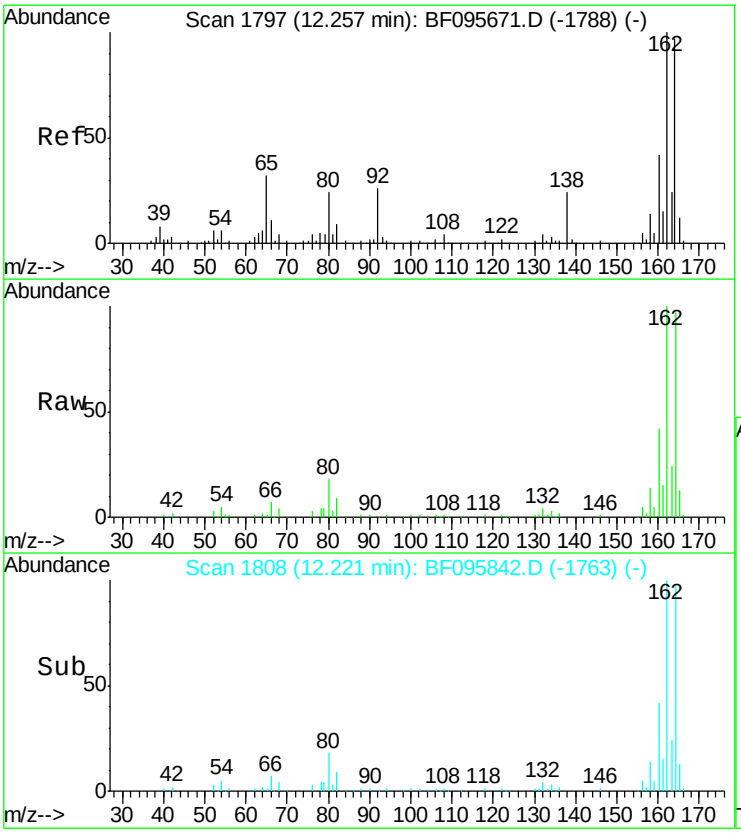
#23
Nitrobenzene-d5
Concen: 75.29 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion: 82 Resp: 330049

Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	45.5	42.2	63.2

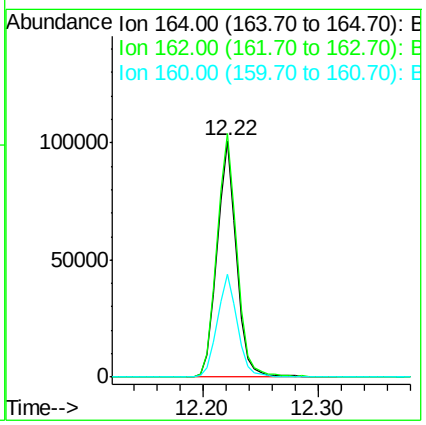


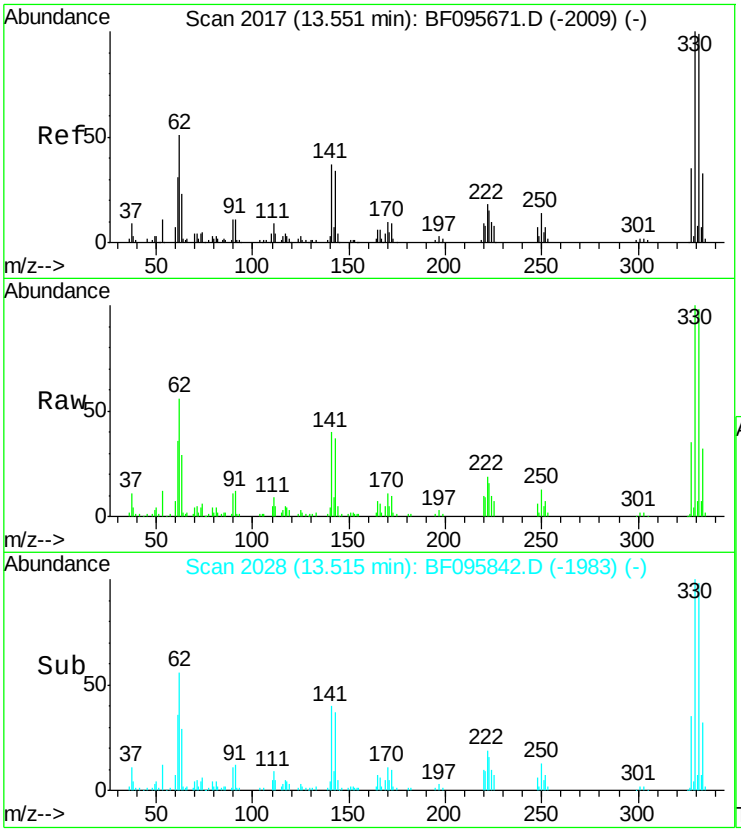


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:164 Resp: 116772

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	43.4	36.2	54.2



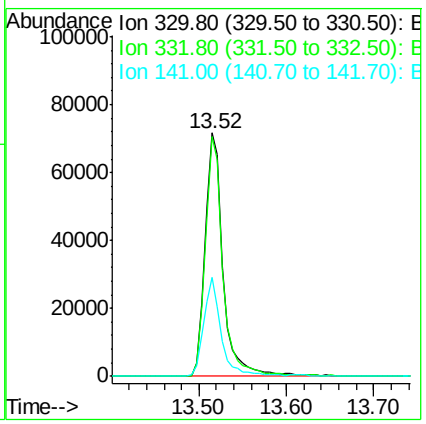


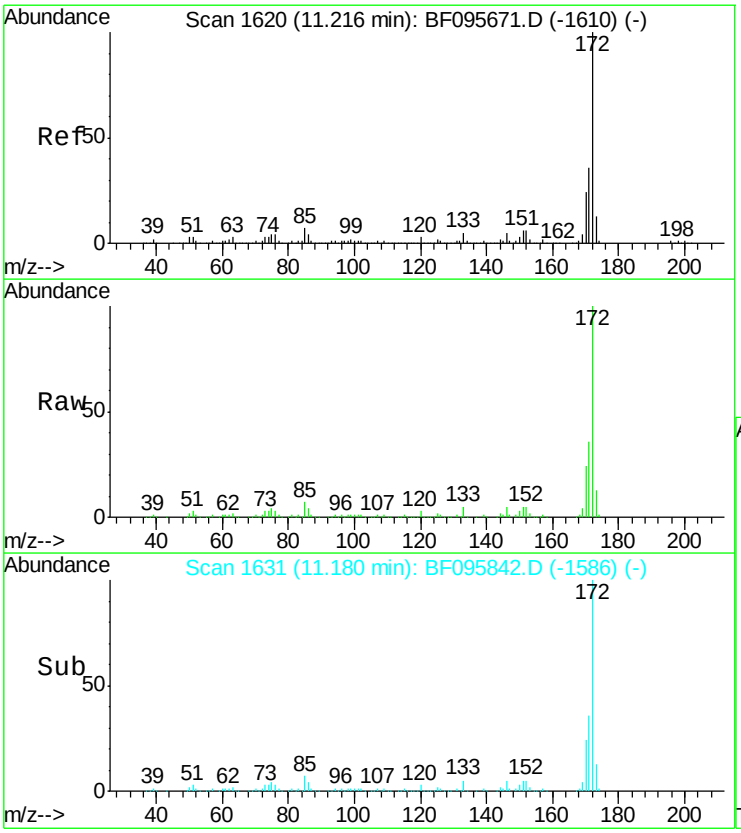
#41
2,4,6-Tribromophenol
Concen: 99.07 ng
RT: 13.52 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:330 Resp: 102357

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	39.0	31.4	47.2

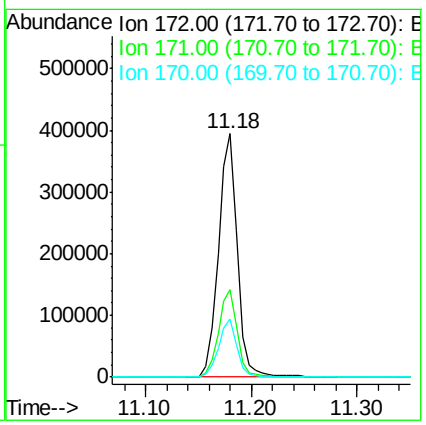


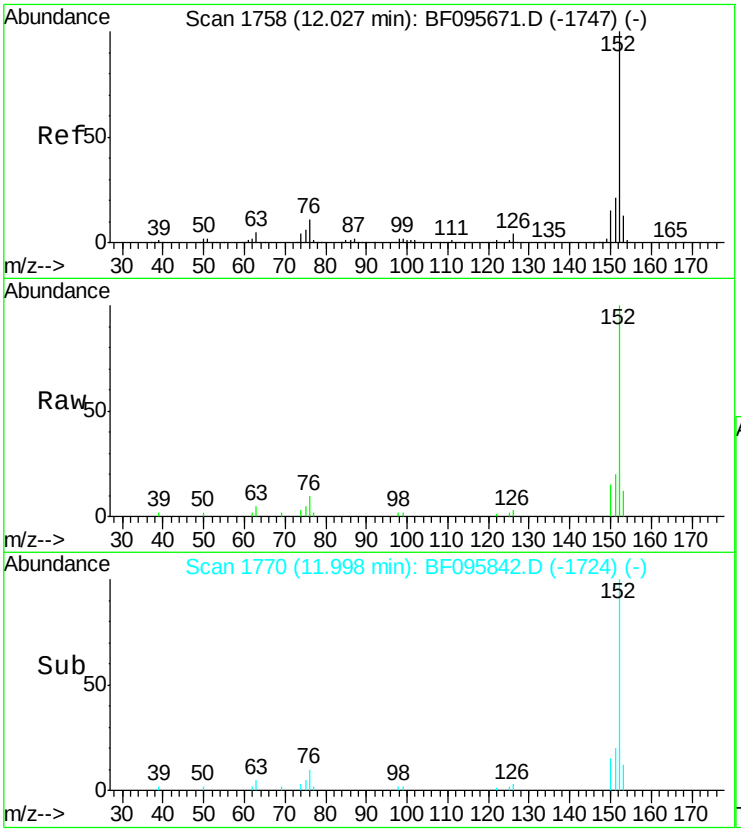


#44
2-Fluorobiphenyl
Concen: 58.88 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:172 Resp: 494057

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.0	19.8	29.8



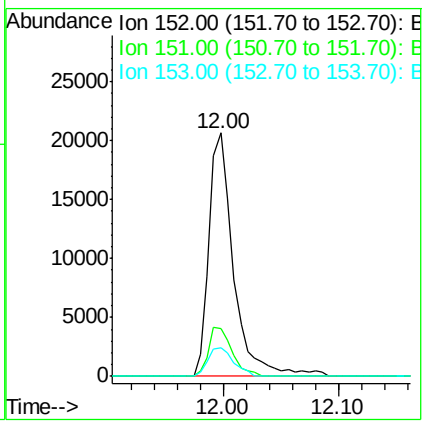


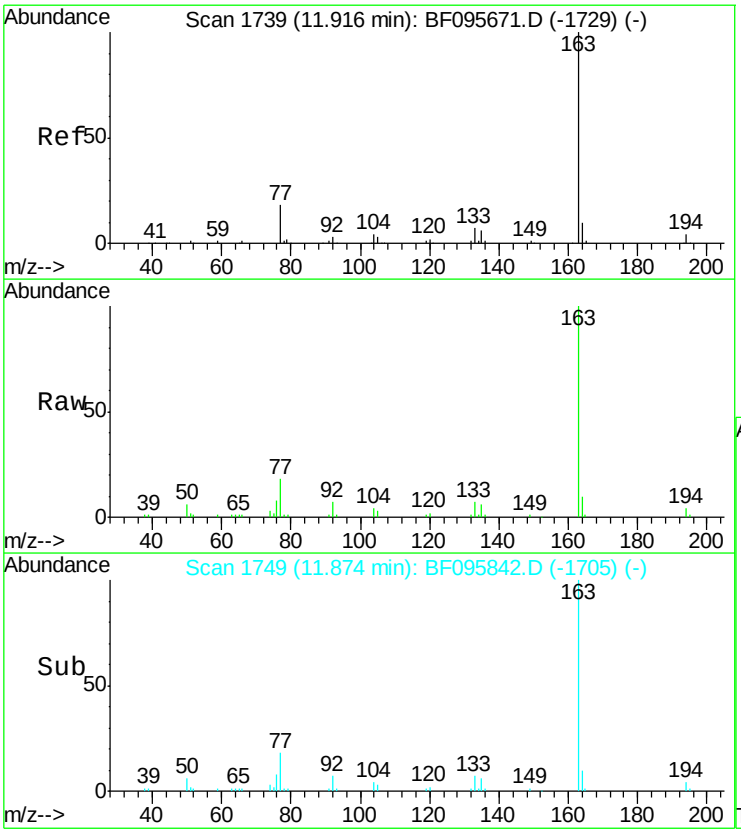
#48
Acenaphthylene
Concen: 2.38 ng
RT: 12.00 min Scan# 1770
Delta R.T. -0.03 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:152 Resp: 30663

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	11.9	10.8	16.2

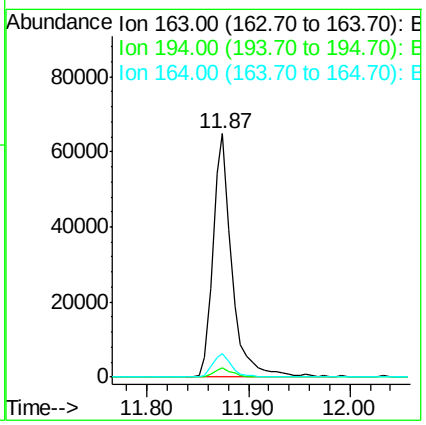


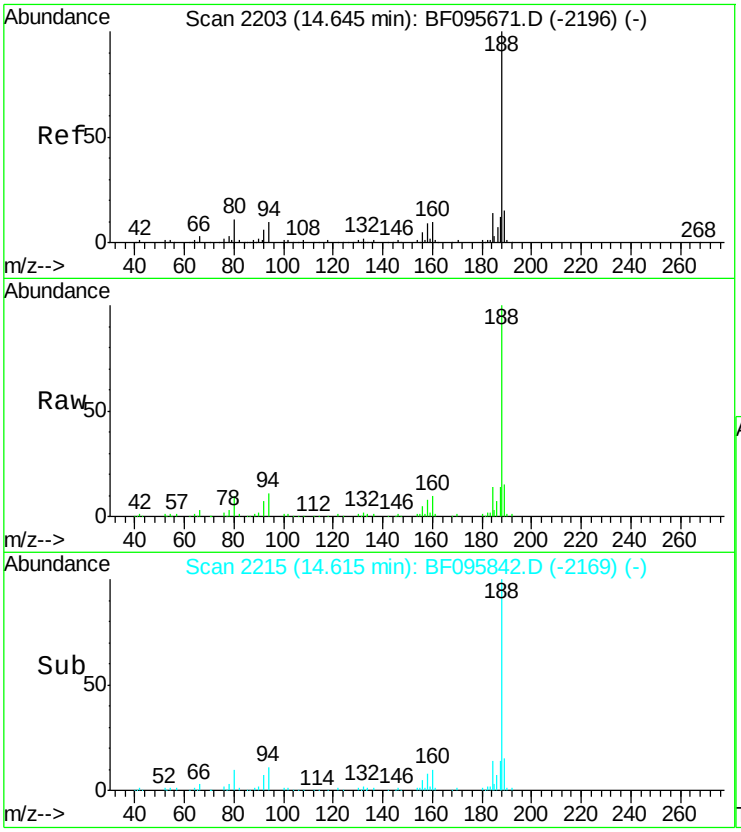


#49
Dimethylphthalate
Concen: 9.40 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:163 Resp: 83357

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.8	8.4	12.6



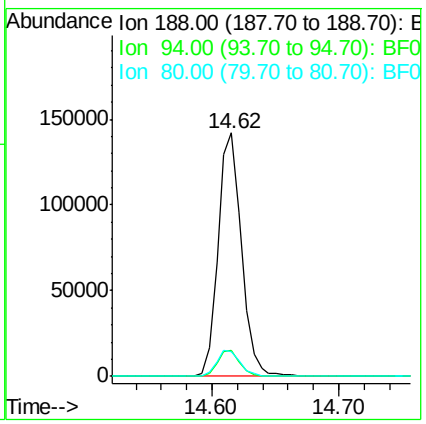


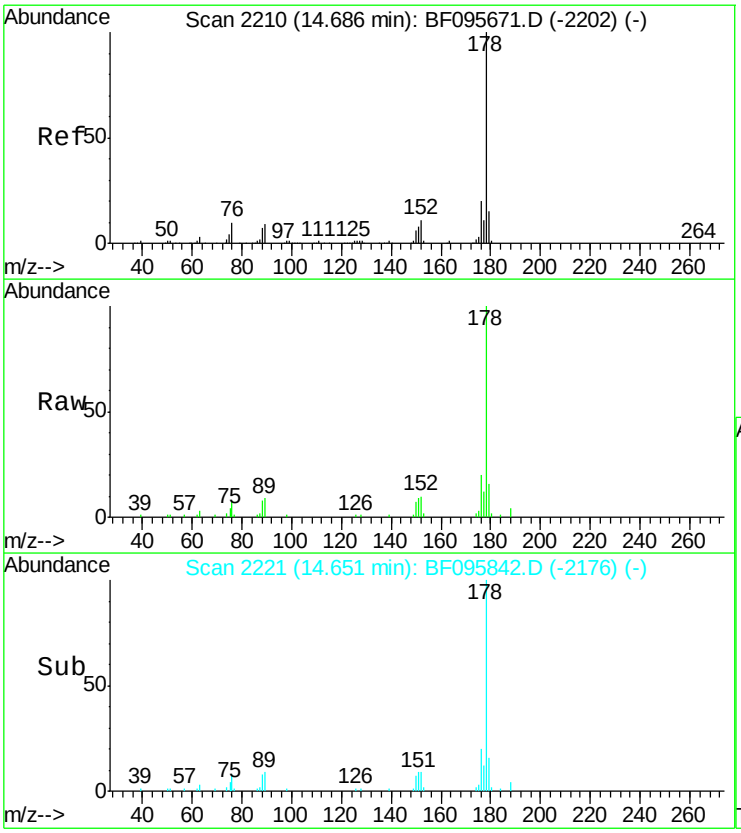
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:188 Resp: 181805

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.3	10.2	15.2

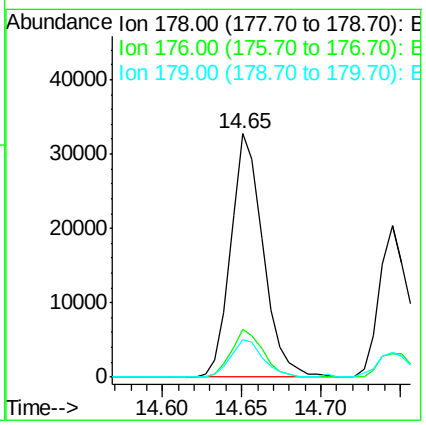


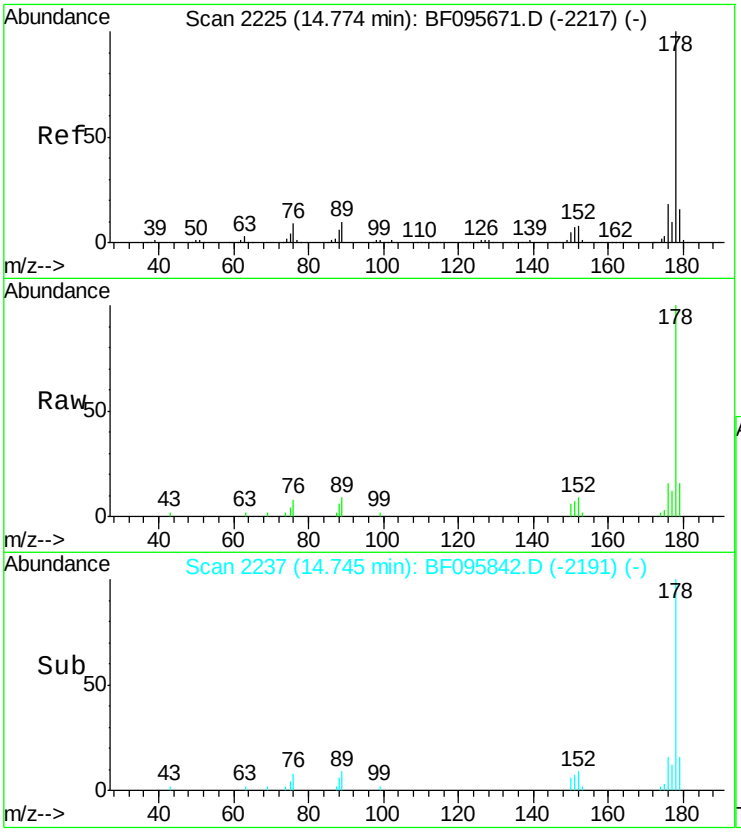


#70
Phenanthrene
Concen: 4.42 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:178 Resp: 46349

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.6	12.6	19.0



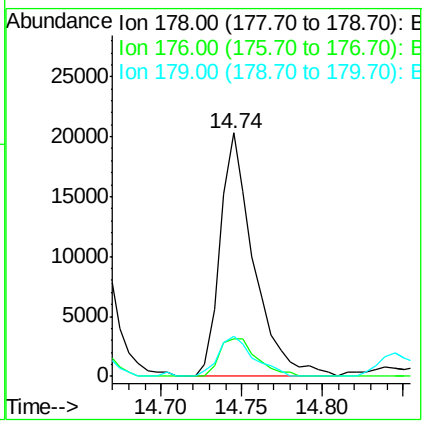


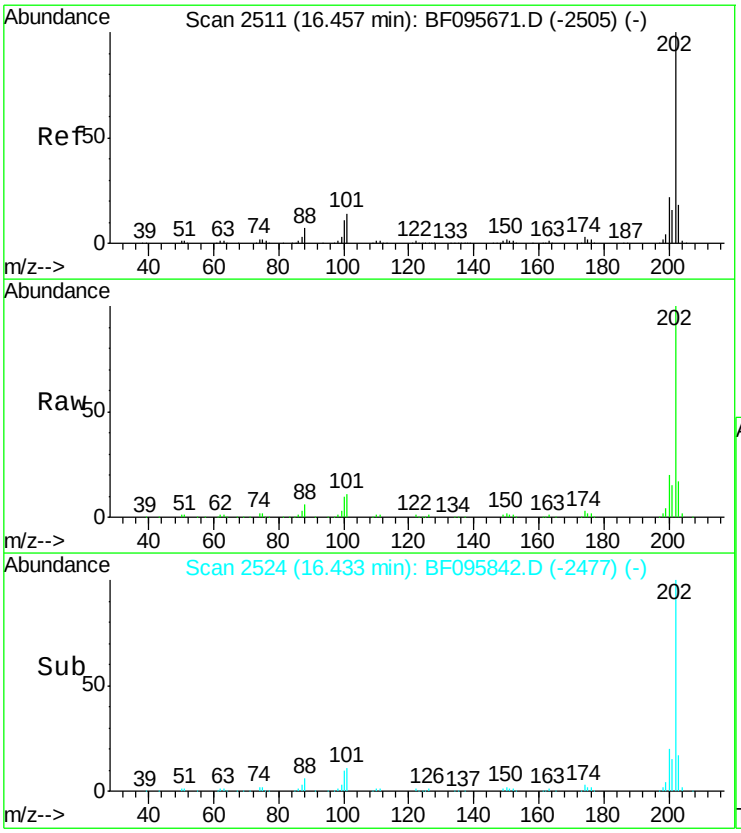
#71
Anthracene
Concen: 2.69 ng m
RT: 14.74 min Scan# 2237
Delta R.T. -0.03 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:178 Resp: 29477

Ion	Ratio	Lower	Upper
178	100		
176	15.6	15.8	23.8#
179	16.4	12.7	19.1

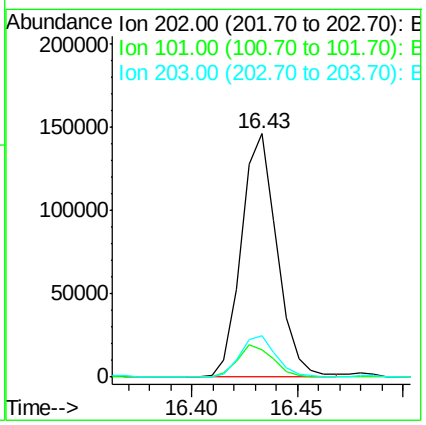


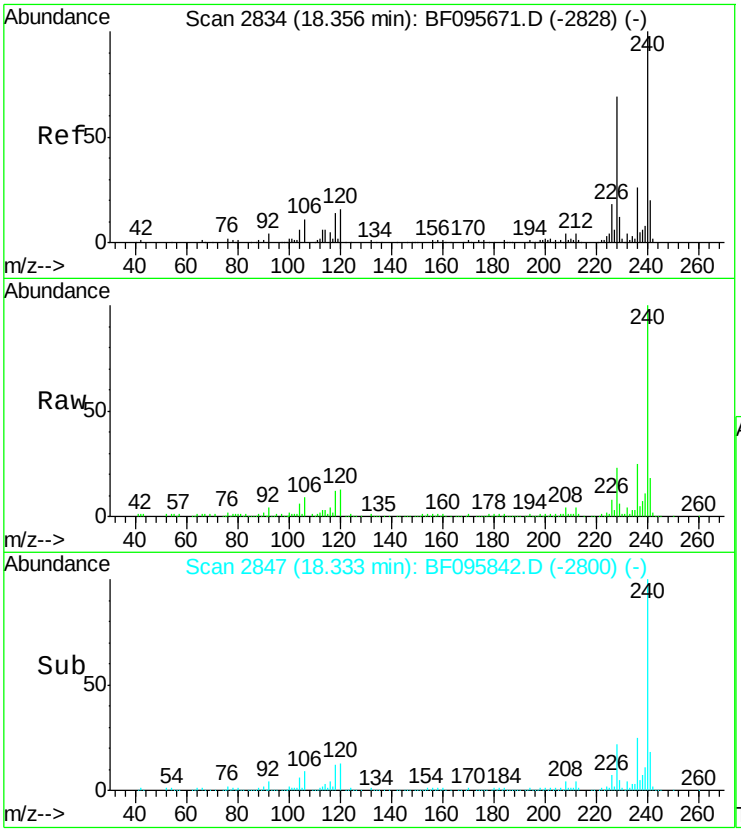


#74
Fluoranthene
Concen: 16.51 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:202 Resp: 171422

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.2
203	17.2	0.0	38.1



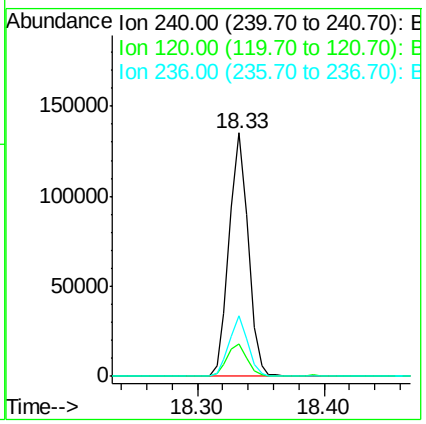


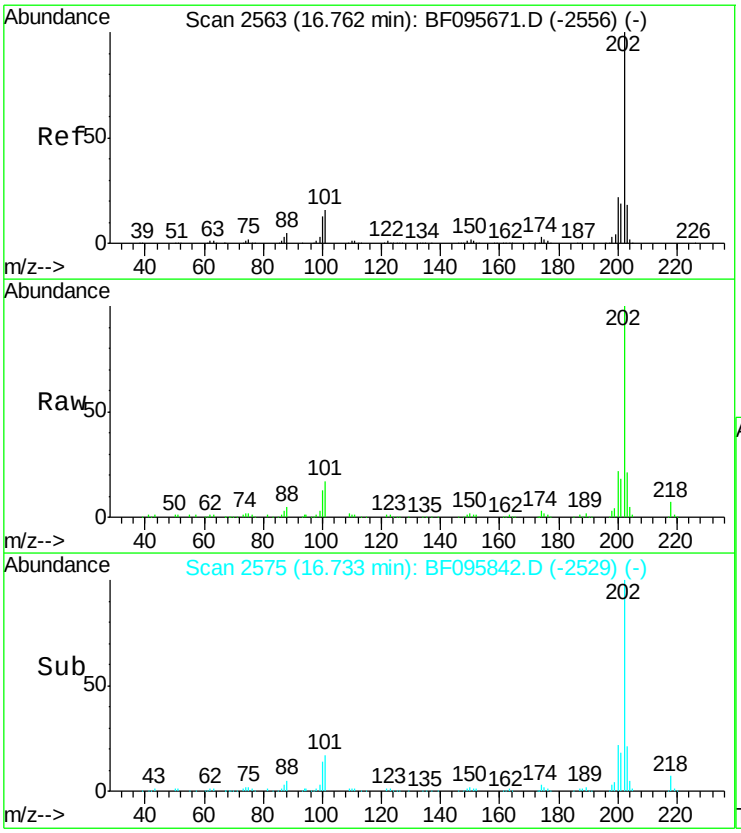
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:240 Resp: 140543

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	24.9	20.5	30.7

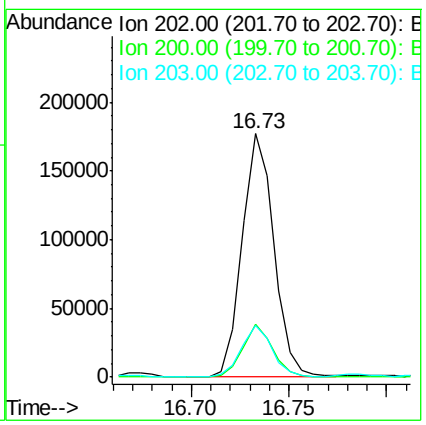


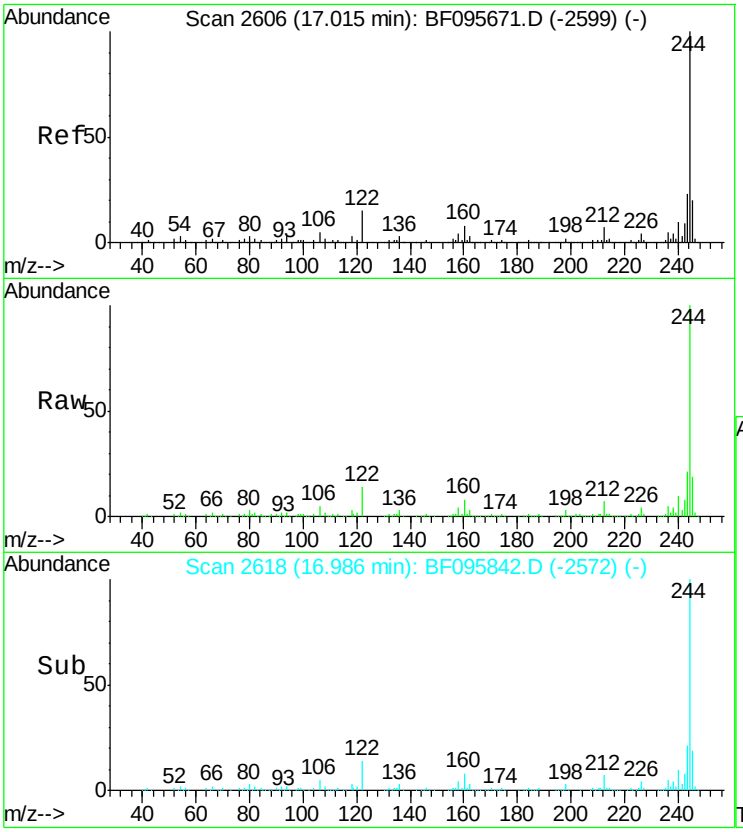


#77
Pyrene
Concen: 18.92 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:202 Resp: 198425

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	21.1	14.4	21.6



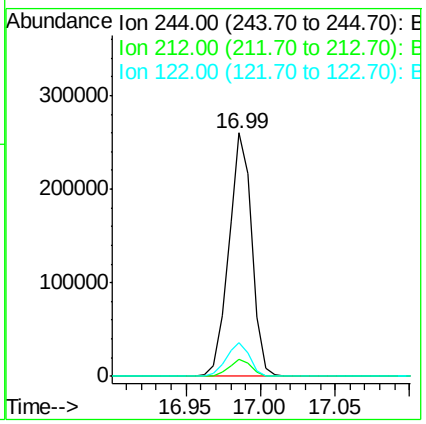


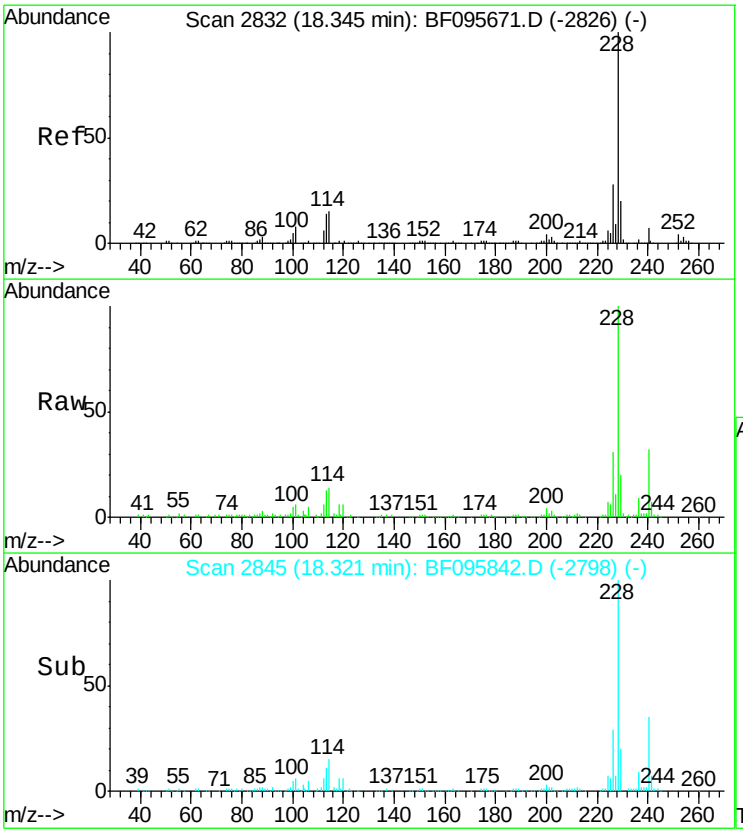
#78
Terphenyl-d14
Concen: 49.68 ng
RT: 16.99 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:244 Resp: 281332

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.8	10.3	15.5

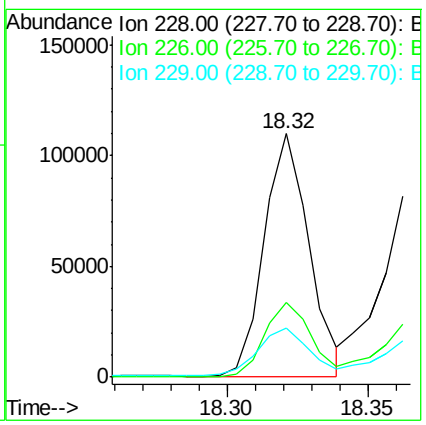


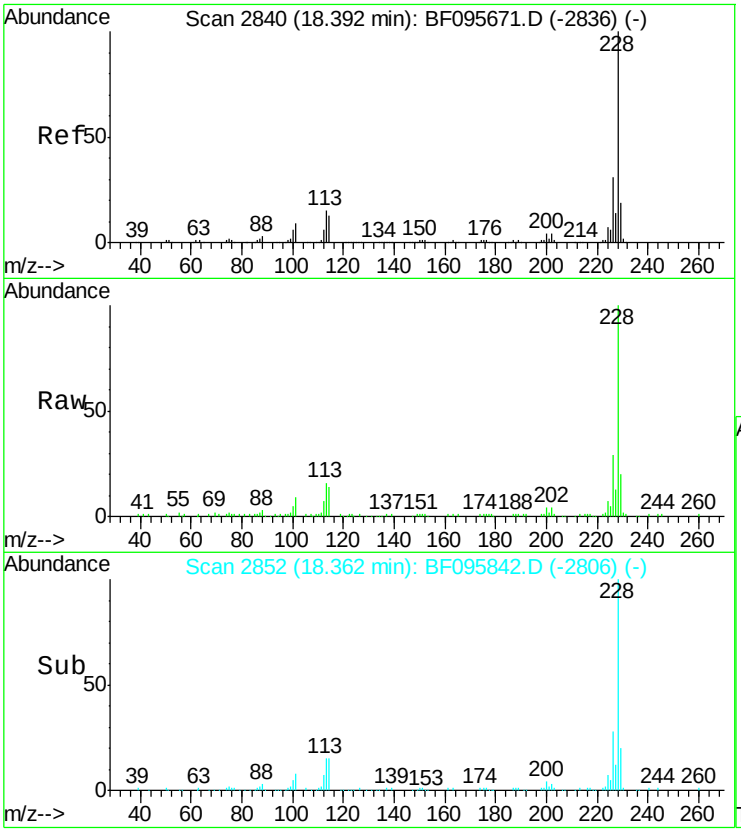


#80
Benzo(a)anthracene
Concen: 14.78 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:228 Resp: 120775

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	20.2	16.3	24.5



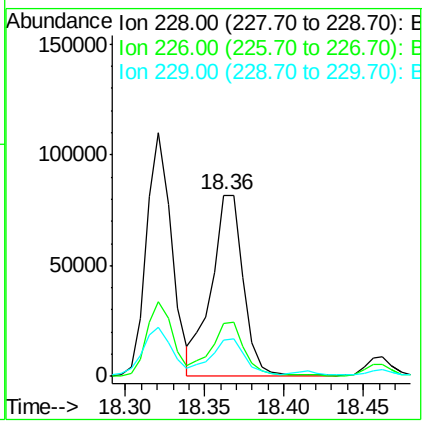


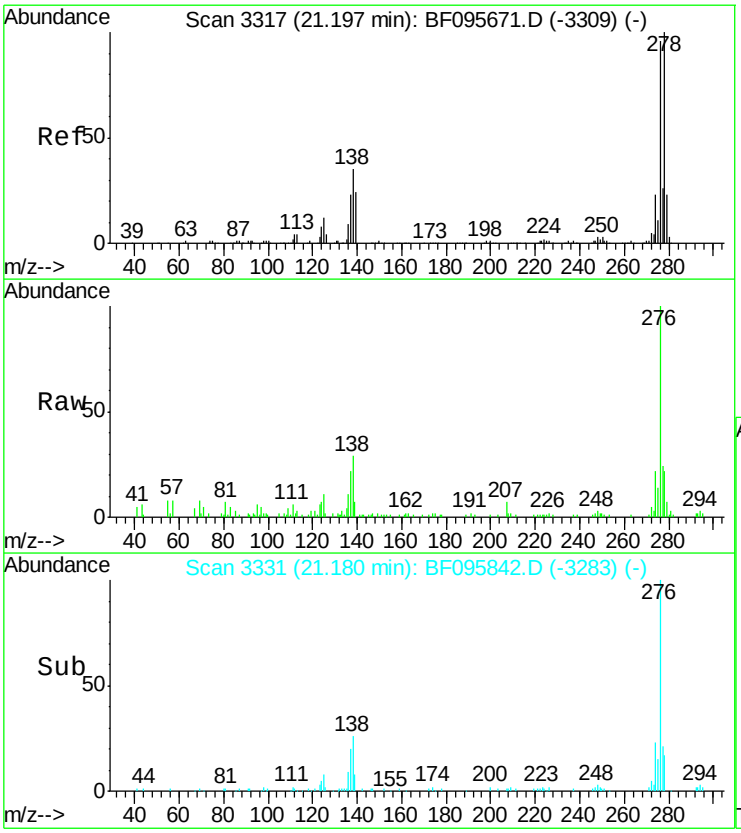
#82
Chrysene
Concen: 13.98 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:228 Resp: 114186

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	20.3	15.8	23.6

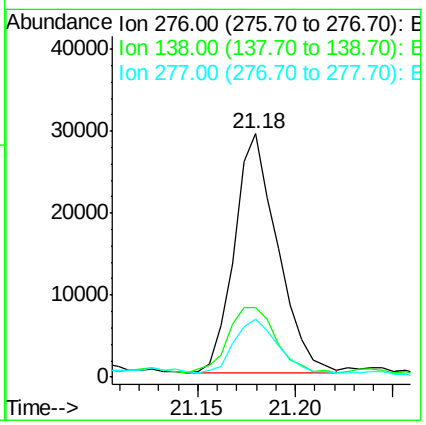


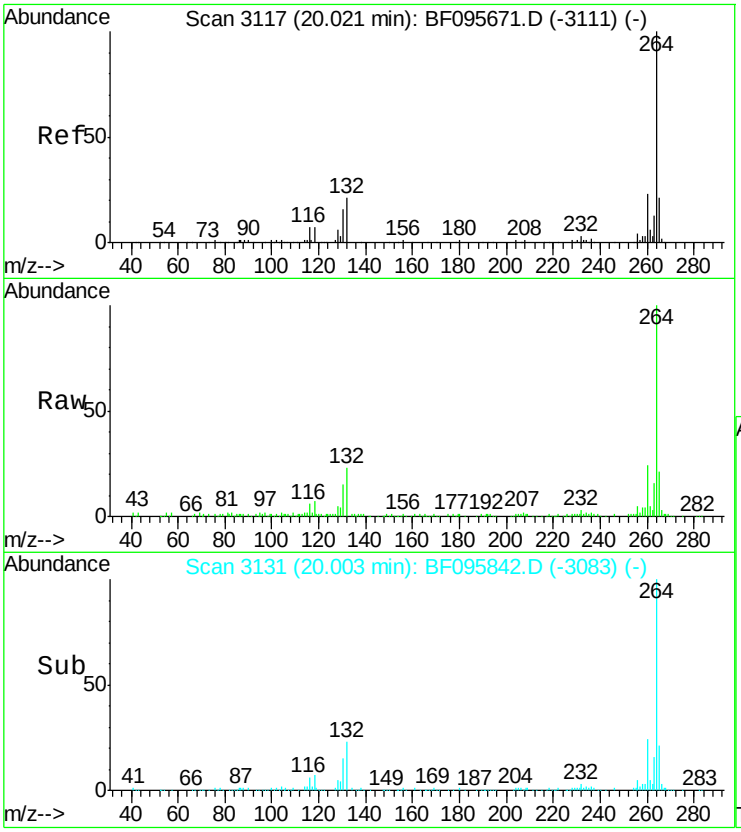


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.41 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:276 Resp: 44818

Ion	Ratio	Lower	Upper
276	100		
138	31.4	27.8	41.6
277	22.3	20.2	30.4



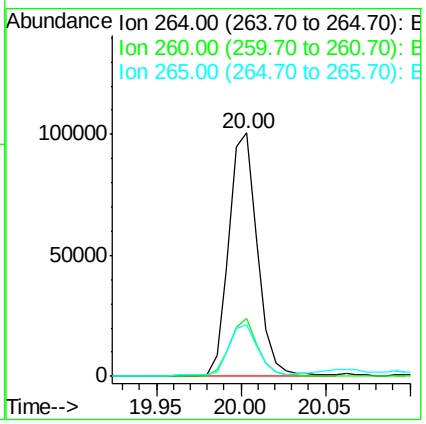


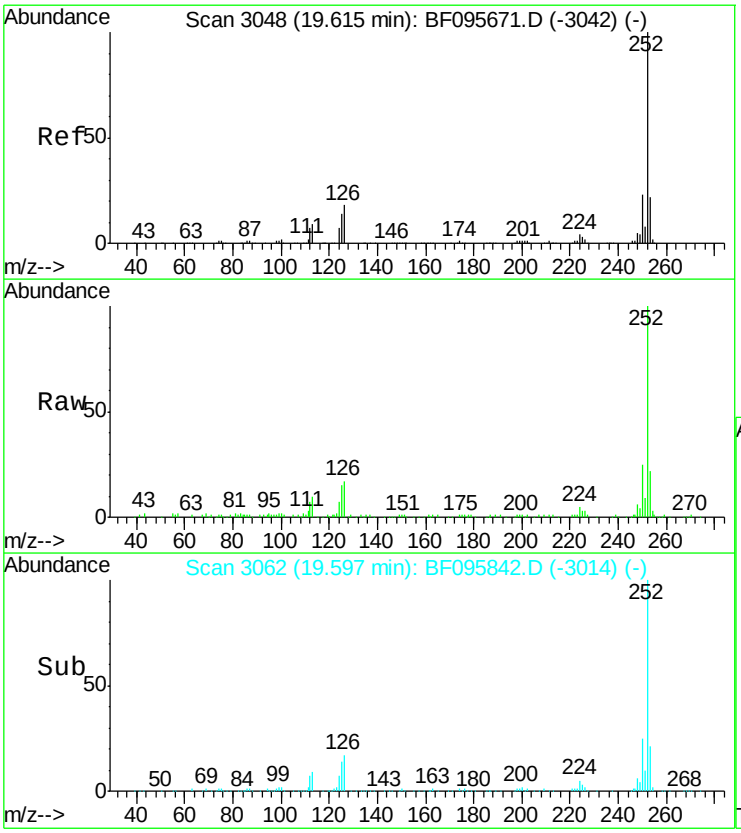
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:264 Resp: 118586

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.2	25.8

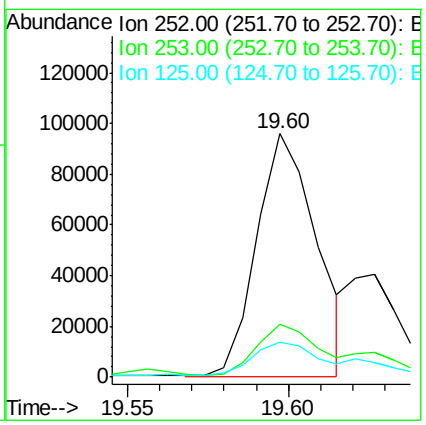


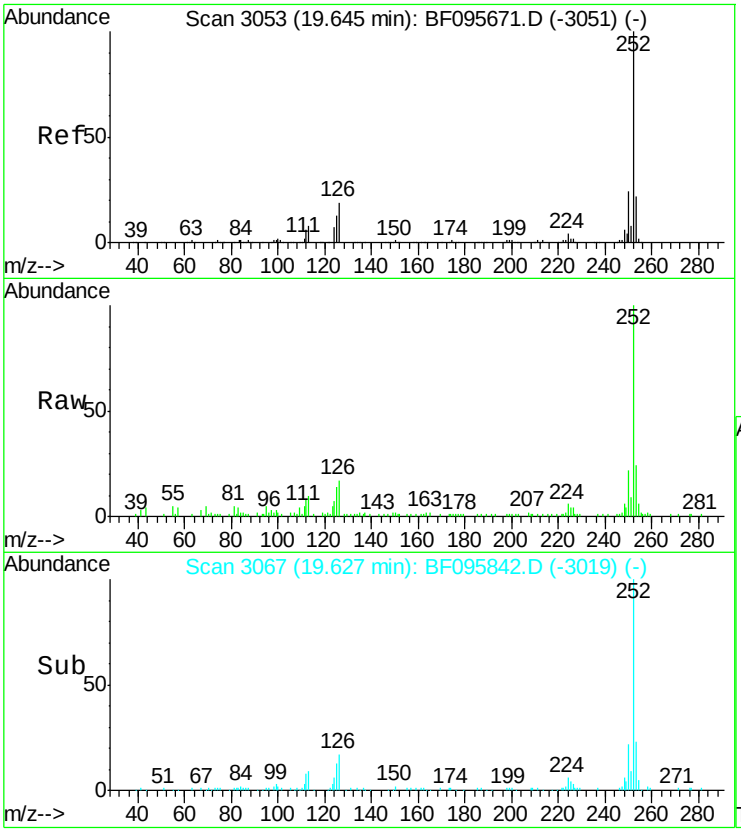


#87
Benzo(b)fluoranthene
Concen: 16.76 ng m
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:252 Resp: 124431

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	14.5	9.8	14.8



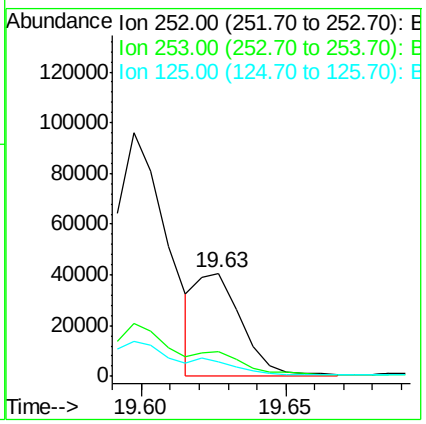


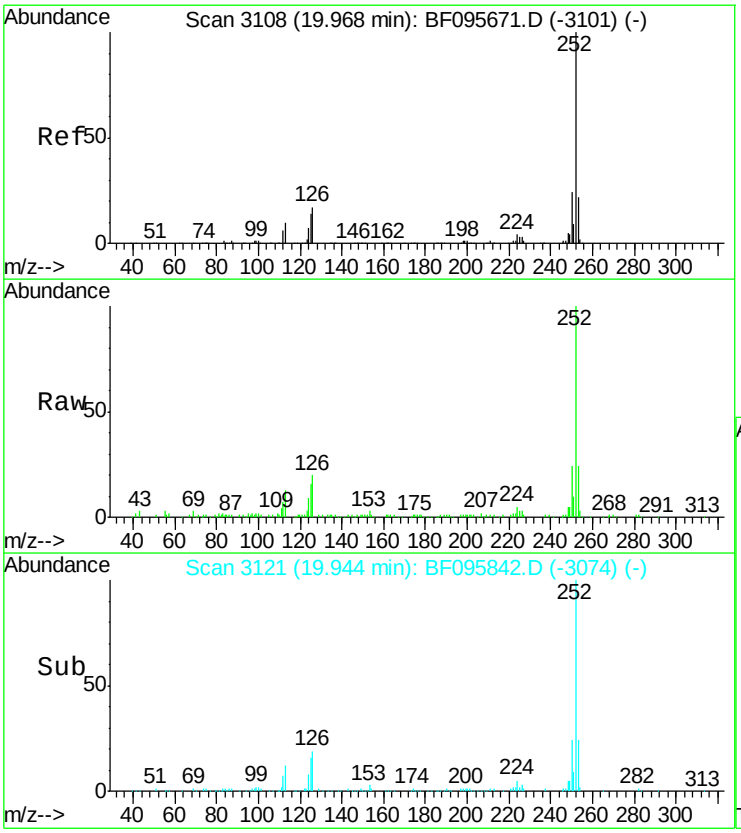
#88
Benzo(k)fluoranthene
Concen: 6.32 ng m
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:252 Resp: 44830

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	14.2	13.1	19.7

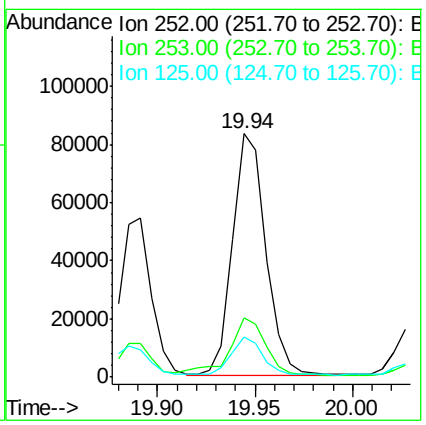


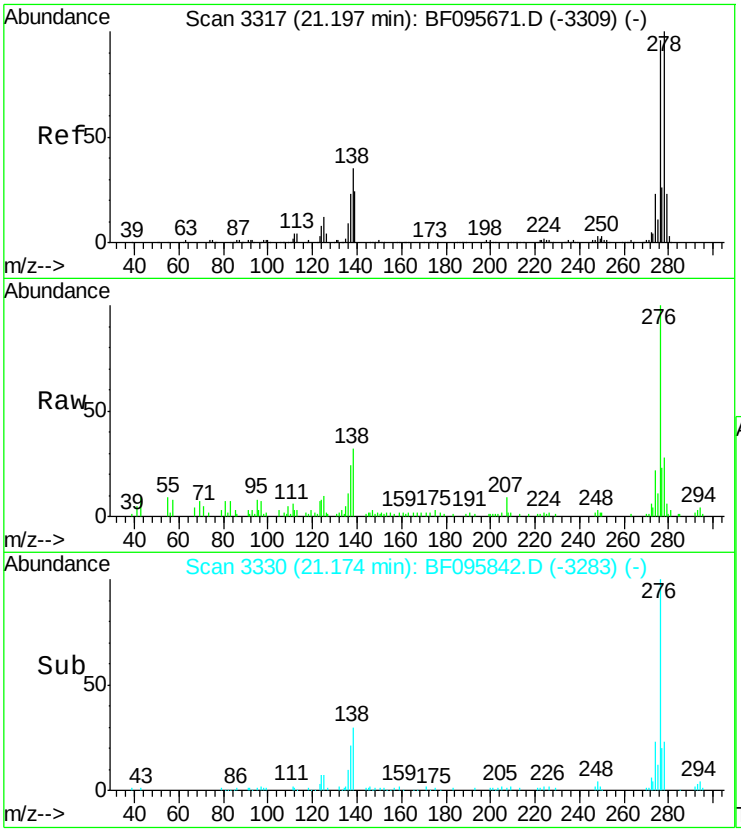


#89
Benzo(a)pyrene
Concen: 14.46 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:252 Resp: 98718

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



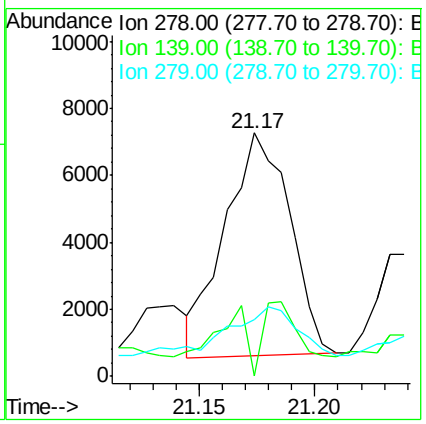


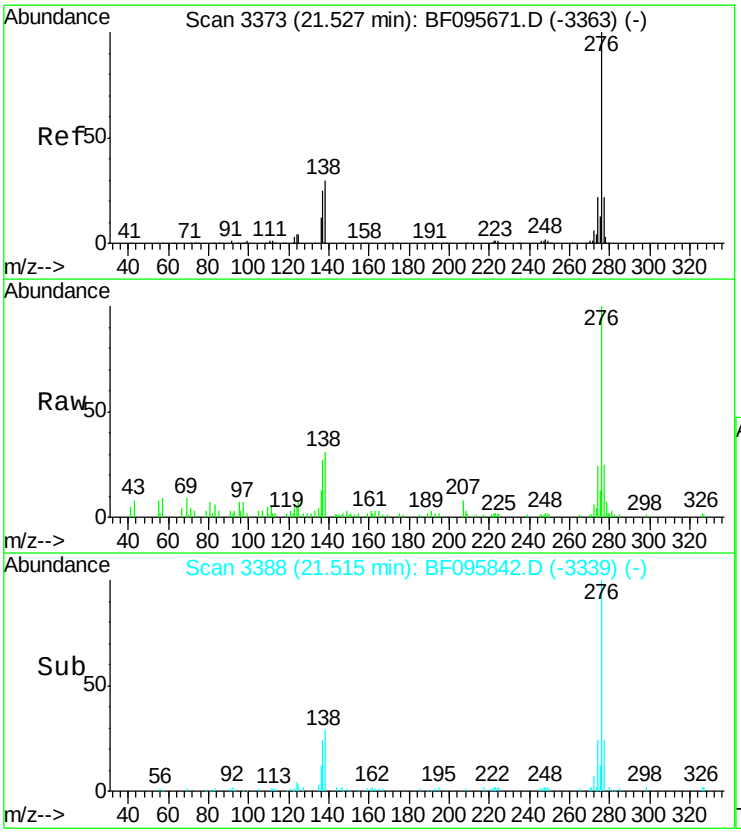
#90
Dibenzo(a,h)anthracene
Concen: 2.25 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:278 Resp: 13029

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	23.5	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 7.43 ng
RT: 21.51 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BF095842.D
Acq: 10 Jun 2017 2:20

Tgt Ion:276 Resp: 43827

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	30.9	25.4	38.0