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

Quantitation Report (QT Reviewed)

Data File : BF095843.D
Acq On : 10 Jun 2017 2:52
Operator : SJ/MA
Sample : I3457-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-8

Quant Time: Jun 10 03:42:52 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	66891	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	266625	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	110982	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	175354	20.00	ng	-0.03
75) Chrysene-d12	18.34	240	138418	20.00	ng	-0.02
86) Perylene-d12	20.00	264	114309	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	610318	145.39	ng	-0.02
7) Phenol-d6	6.93	99	722542	143.77	ng	-0.02
23) Nitrobenzene-d5	8.29	82	404953	94.33	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	118151	120.32	ng	-0.03
44) 2-Fluorobiphenyl	11.18	172	645733	80.97	ng	-0.04
78) Terphenyl-d14	16.99	244	389969	69.92	ng	-0.02
Target Compounds						Qvalue
48) Acenaphthylene	11.99	152	75770	6.20	ng	100
49) Dimethylphthalate	11.87	163	109170	12.96	ng	99
57) Fluorene	13.11	166	65420	7.57	ng	99
70) Phenanthrene	14.66	178	650496	64.29	ng	99
71) Anthracene	14.74	178	152185	14.41	ng	96
74) Fluoranthene	16.44	202	718346	71.73	ng	98
77) Pyrene	16.74	202	666670	64.55	ng	97
80) Benzo(a)anthracene	18.33	228	298416	37.08	ng	95
82) Chrysene	18.37	228	271279	33.73	ng	99
83) Bis(2-ethylhexyl)phthalate	18.41	149	99724	15.67	ng	98
85) Indeno(1,2,3-cd)pyrene	21.18	276	87933	12.78	ng	92
87) Benzo(b)fluoranthene	19.60	252	243580m	34.03	ng	
88) Benzo(k)fluoranthene	19.63	252	93573m	13.68	ng	
89) Benzo(a)pyrene	19.95	252	182364	27.72	ng	99
90) Dibenzo(a,h)anthracene	21.17	278	22461m	4.02	ng	
91) Benzo(g,h,i)perylene	21.51	276	73719	12.96	ng	97

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

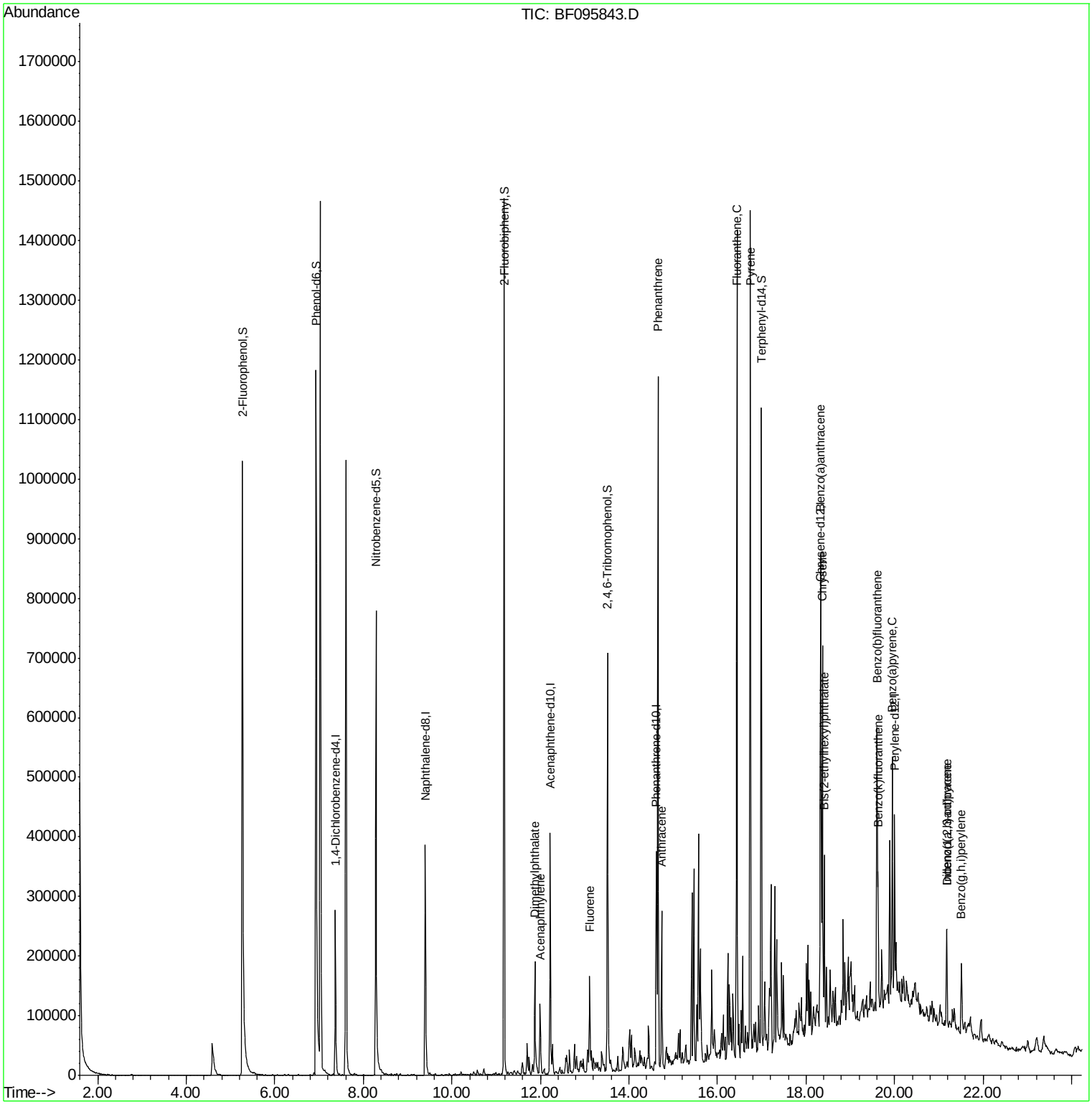
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

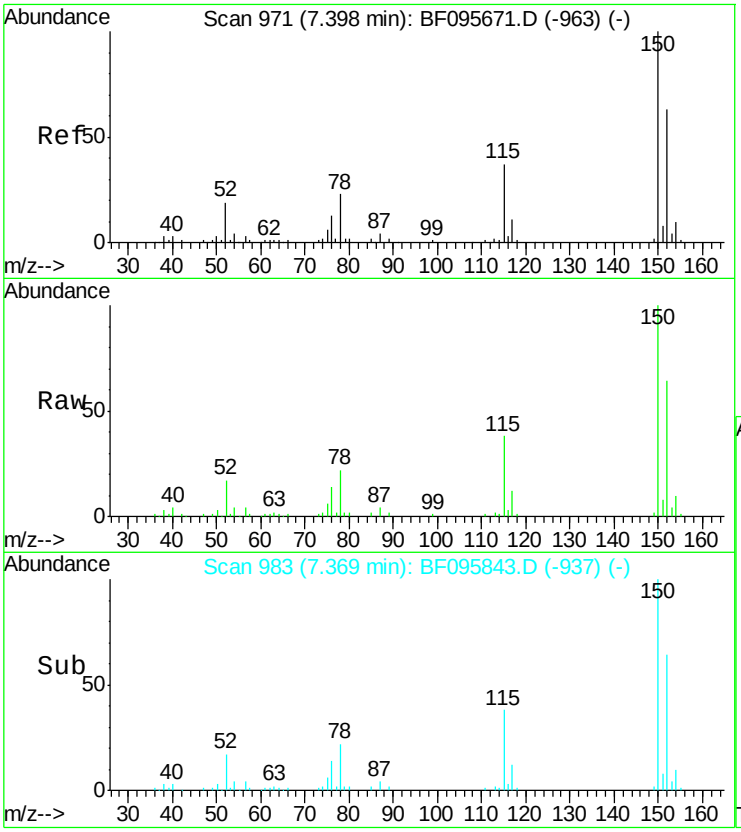
Quantitation Report (QT Reviewed)

Data File : BF095843.D
Acq On : 10 Jun 2017 2:52
Operator : SJ/MA
Sample : I3457-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-8

Quant Time: Jun 10 03:42:52 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



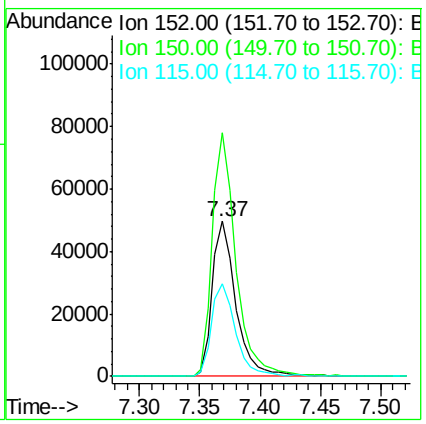


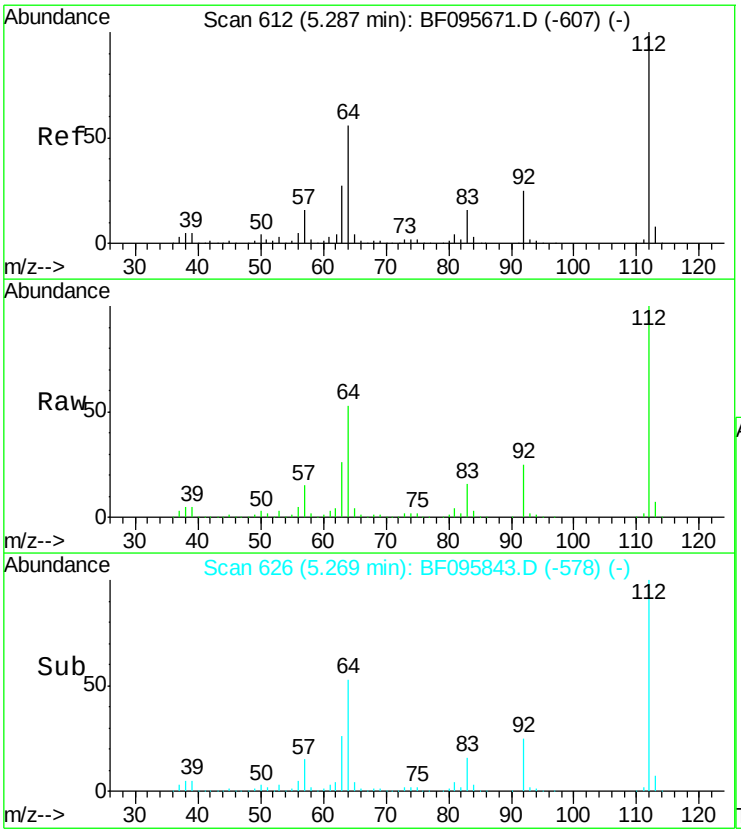
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:152 Resp: 66891

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	60.2	52.2	78.2

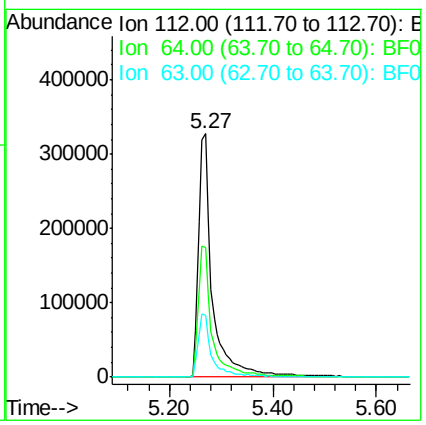


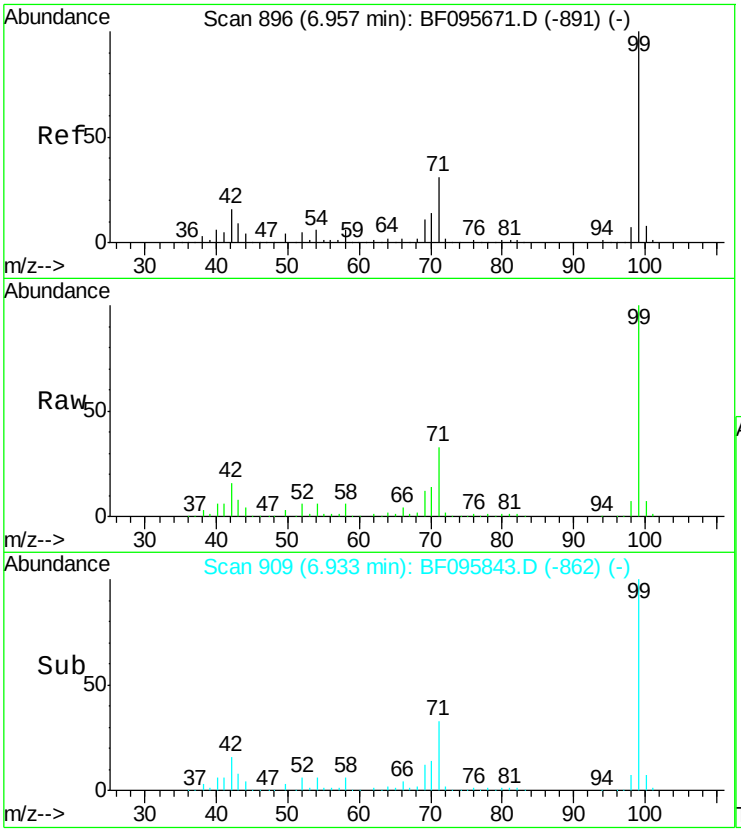


#5
2-Fluorophenol
Concen: 145.39 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:112 Resp: 610318

Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.0	69.0
63	25.6	23.4	35.0



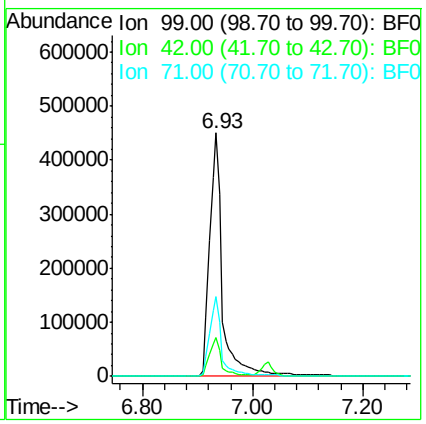


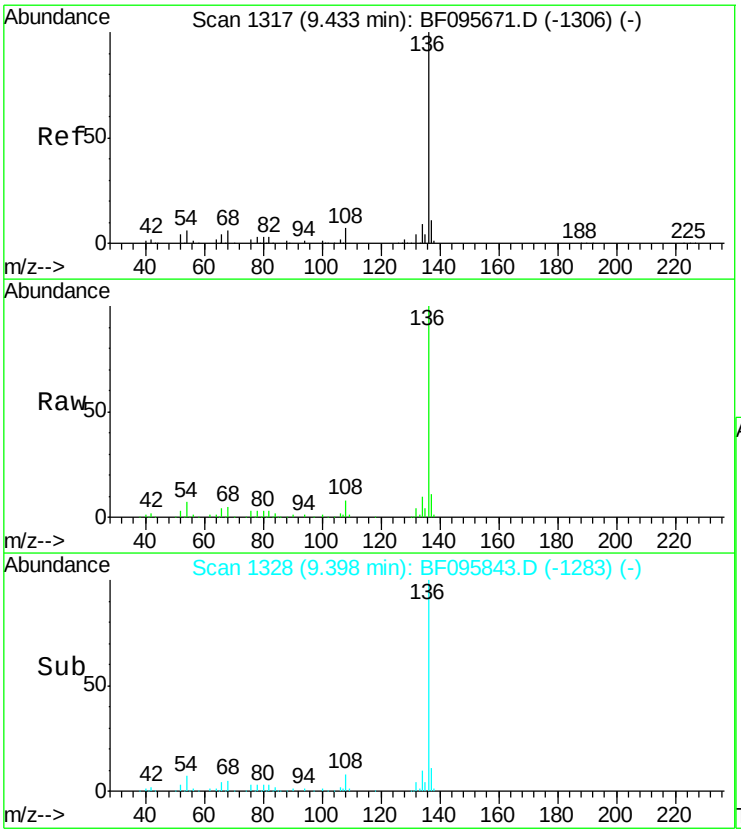
#7
Phenol-d6
Concen: 143.77 ng
RT: 6.93 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion: 99 Resp: 722542

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.5	24.5	36.7

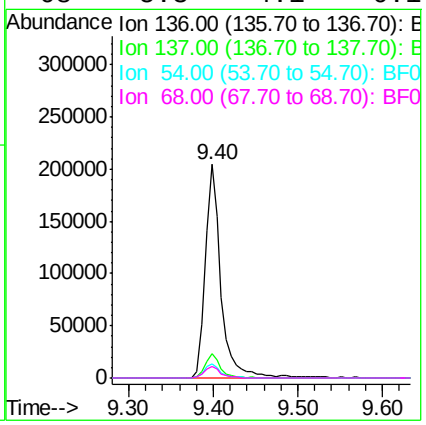


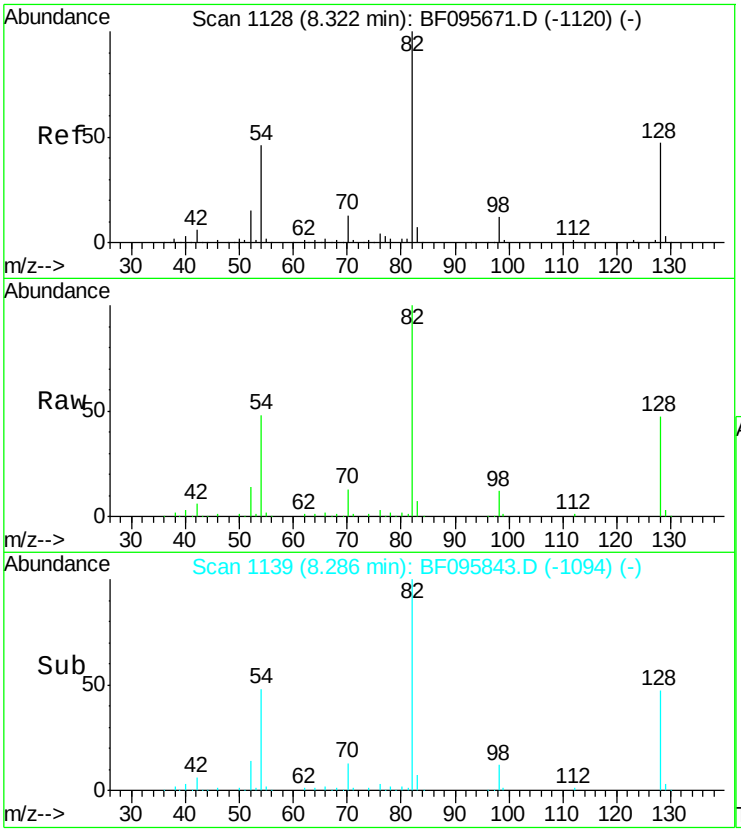


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:136 Resp: 266625

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.6	4.9	7.3
68	5.3	4.1	6.1



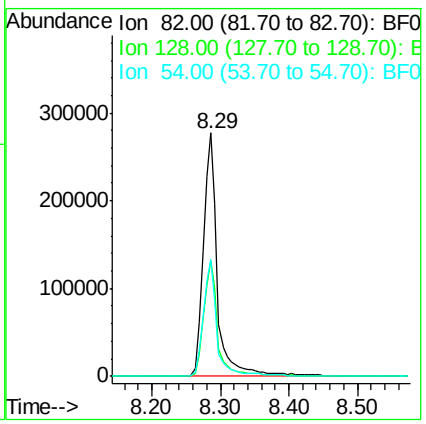


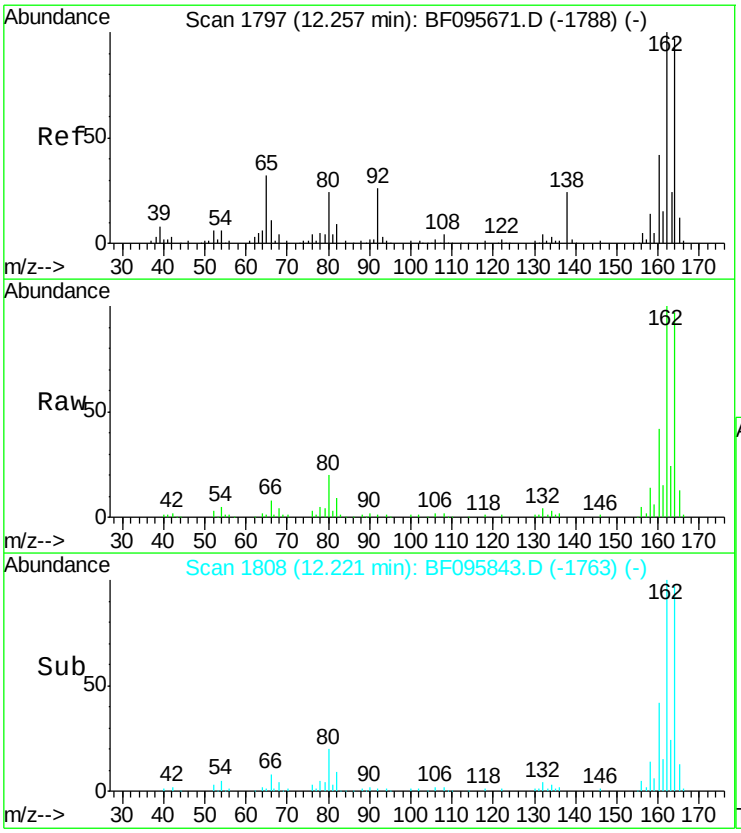
#23
Nitrobenzene-d5
Concen: 94.33 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion: 82 Resp: 404953

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	48.0	42.2	63.2

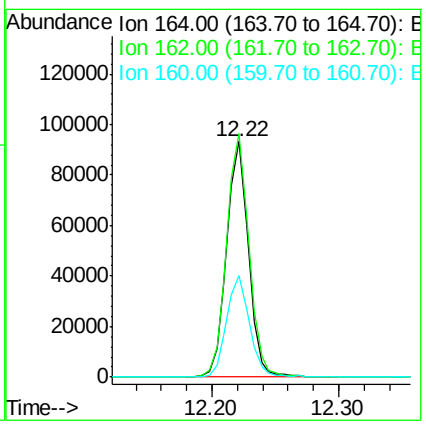


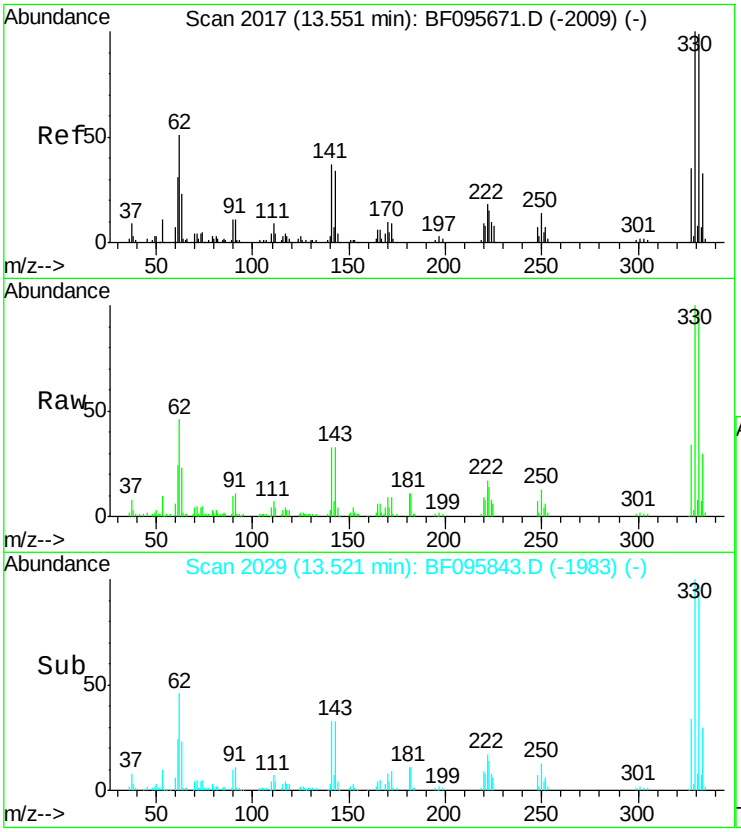


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:164 Resp: 110982

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	43.3	36.2	54.2



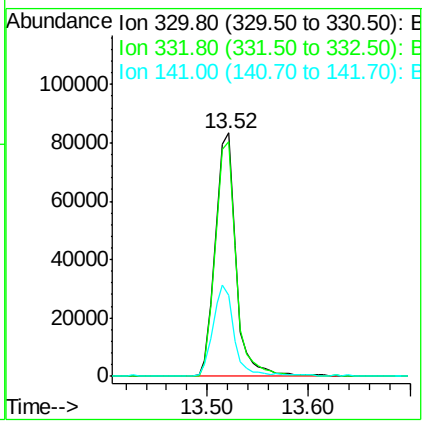


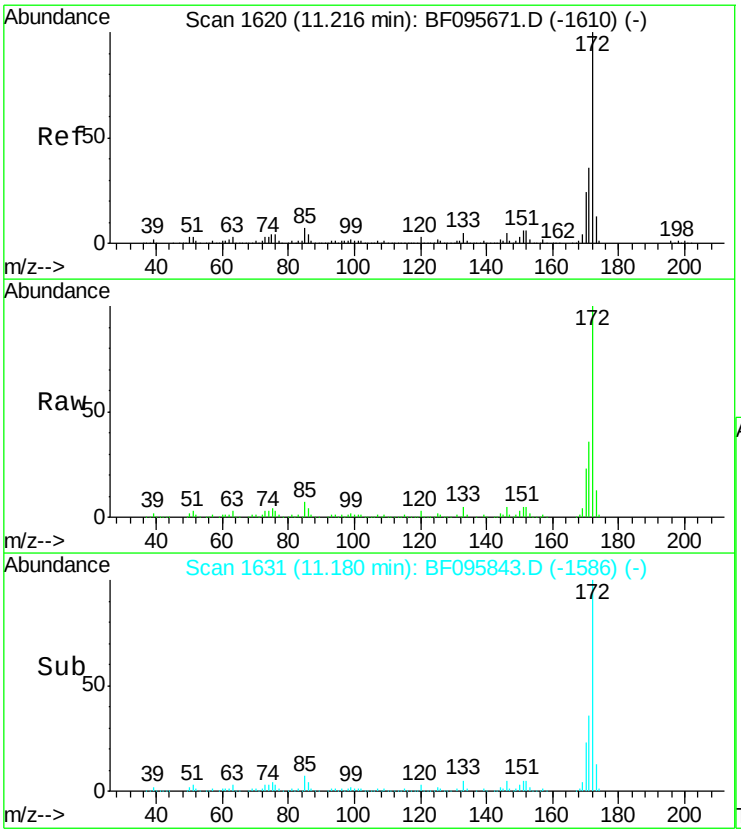
#41
2,4,6-Tribromophenol
Concen: 120.32 ng
RT: 13.52 min Scan# 2029
Delta R.T. -0.03 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:330 Resp: 118151

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	38.3	31.4	47.2

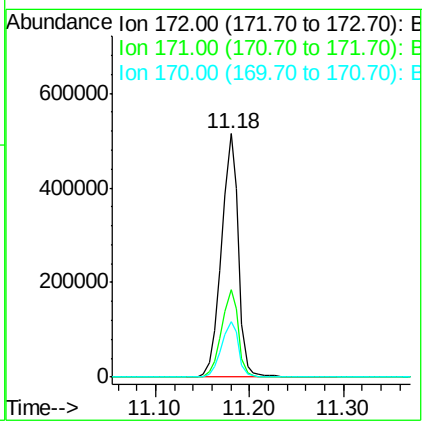


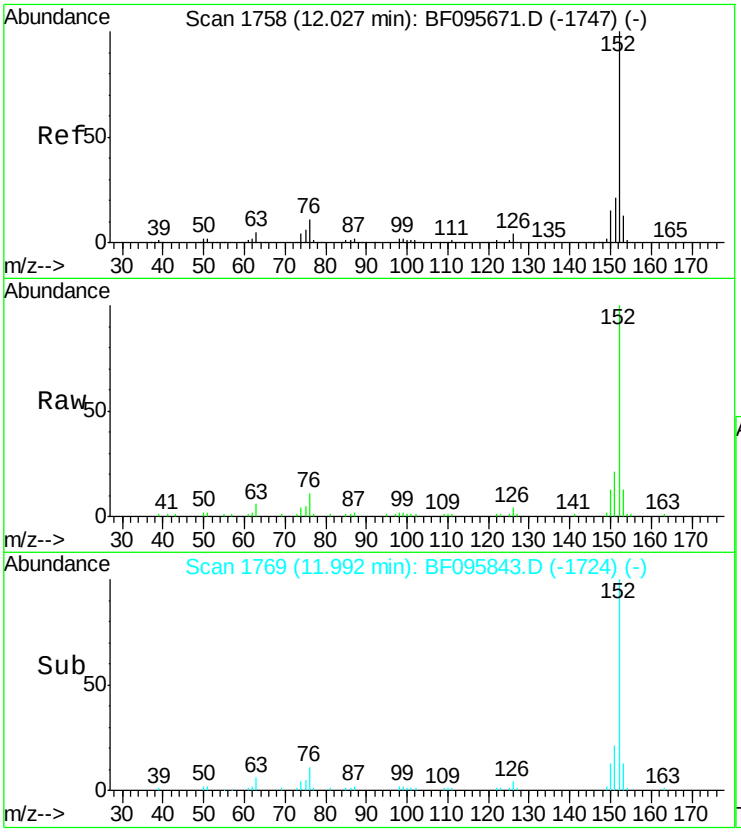


#44
2-Fluorobiphenyl
Concen: 80.97 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:172 Resp: 645733

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	22.9	19.8	29.8



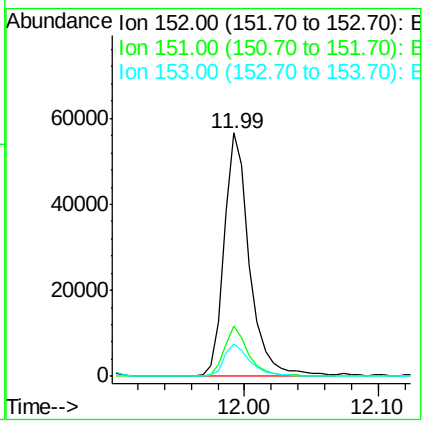


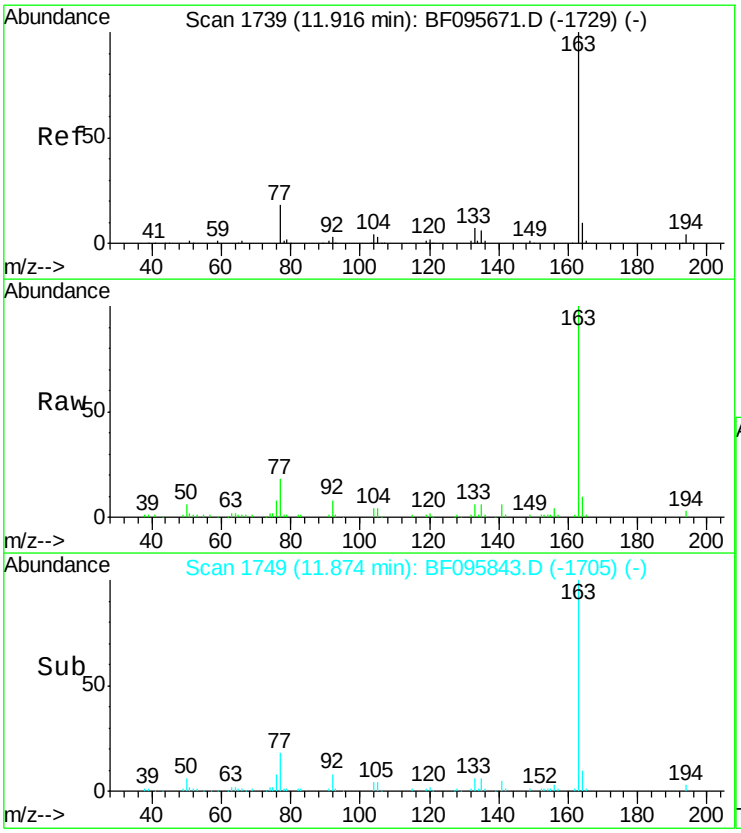
#48
Acenaphthylene
Concen: 6.20 ng
RT: 11.99 min Scan# 1769
Delta R.T. -0.04 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:152 Resp: 75770

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.3	10.8	16.2

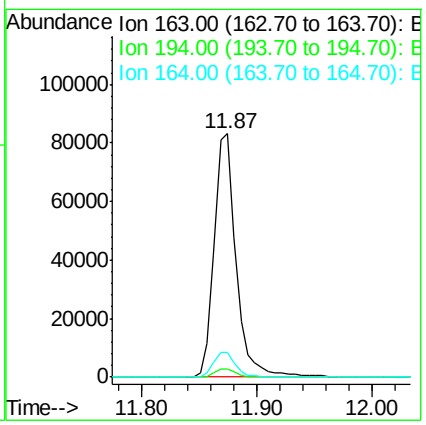


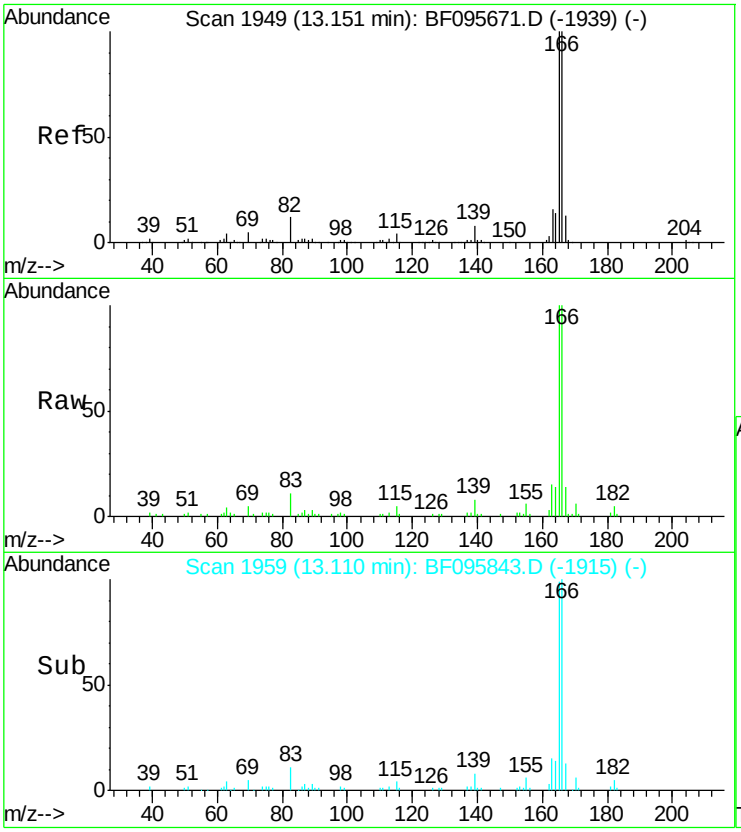


#49
Dimethylphthalate
Concen: 12.96 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:163 Resp: 109170

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6



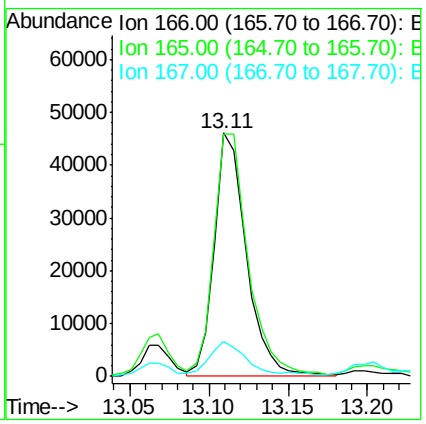


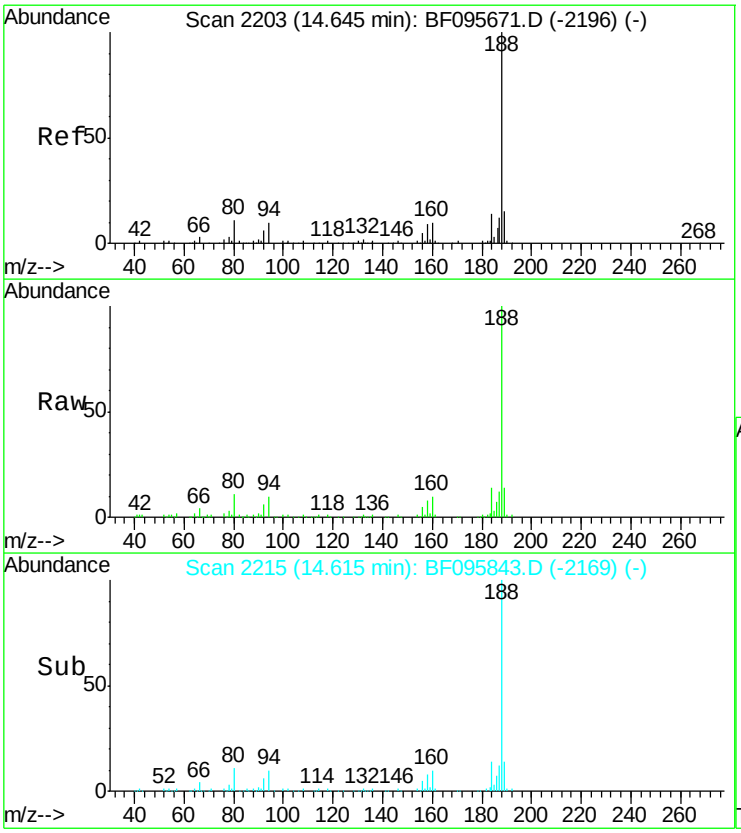
#57
Fluorene
Concen: 7.57 ng
RT: 13.11 min Scan# 1959
Delta R.T. -0.04 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:166 Resp: 65420

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.8	118.2
167	14.4	10.6	16.0

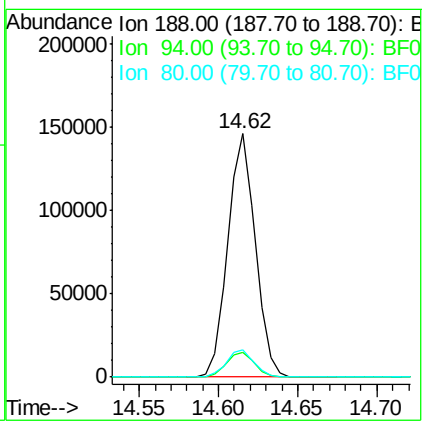


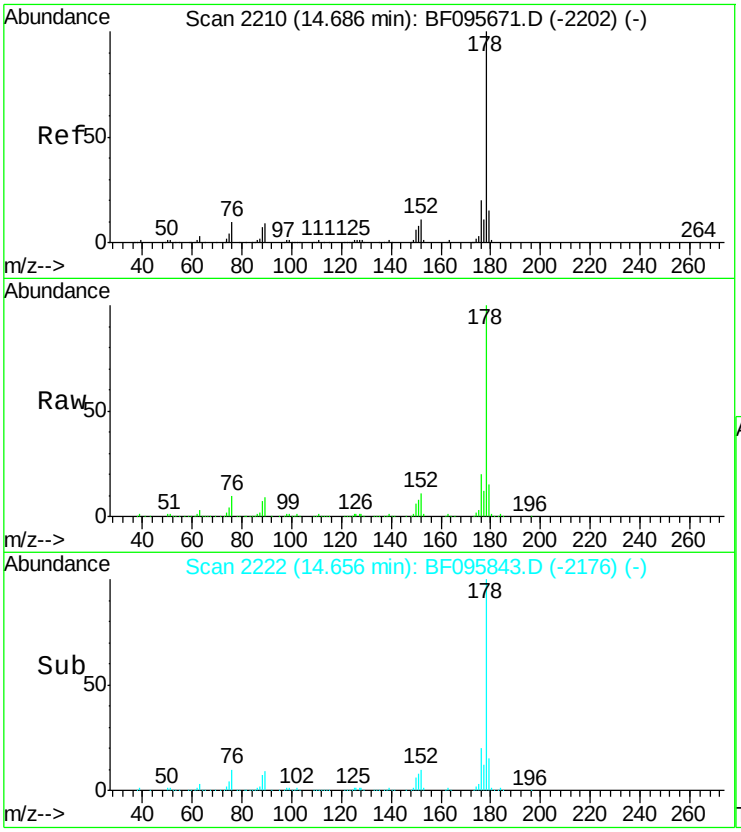


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:188 Resp: 175354

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.0	10.2	15.2



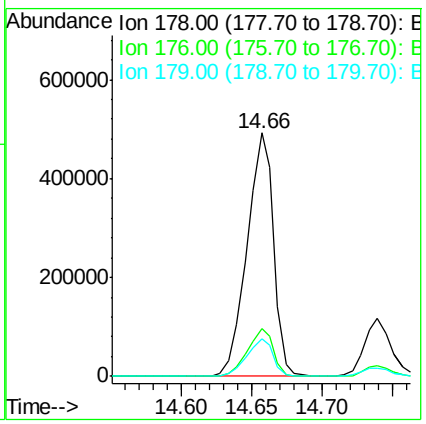


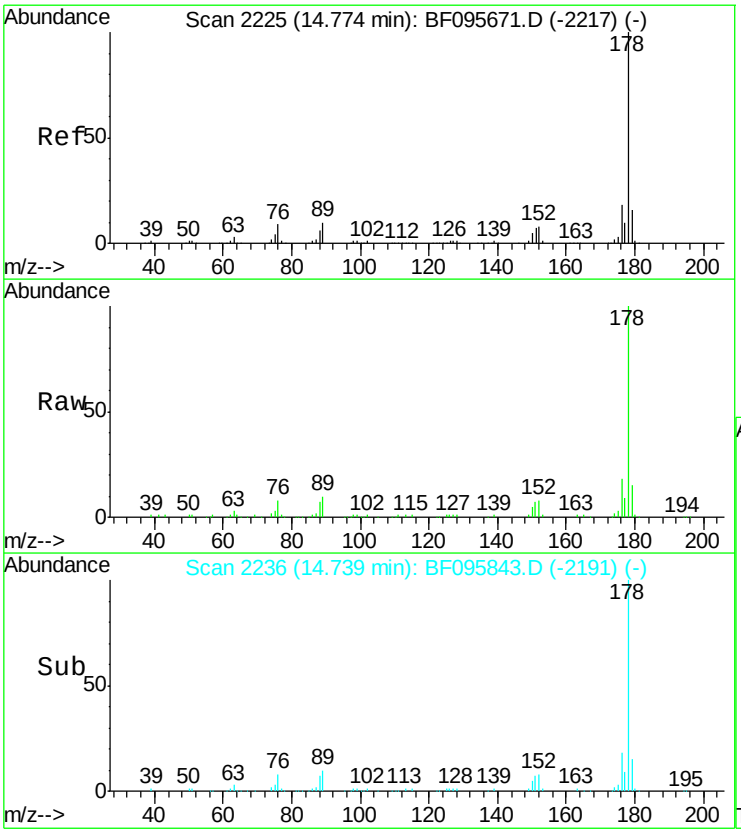
#70
Phenanthrene
Concen: 64.29 ng
RT: 14.66 min Scan# 2222
Delta R.T. -0.03 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:178 Resp: 650496

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.2	12.6	19.0

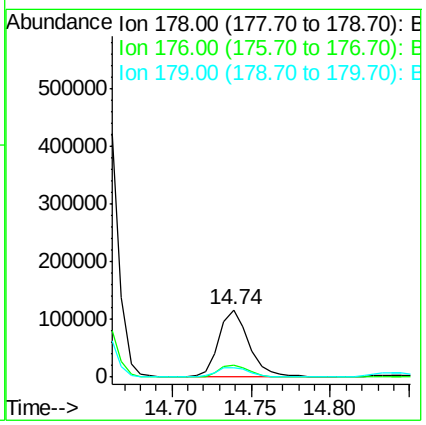


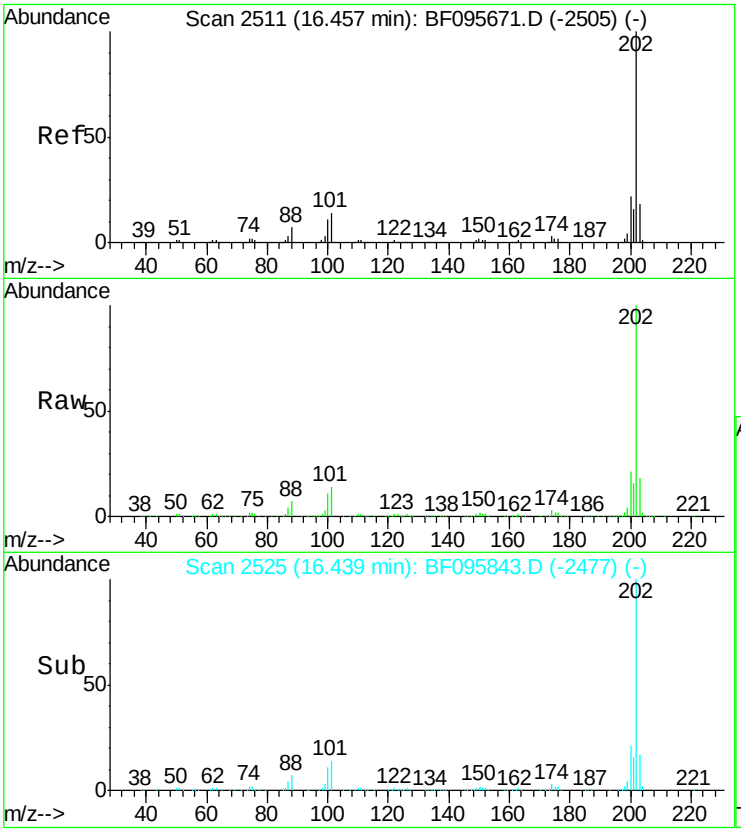


#71
Anthracene
Concen: 14.41 ng
RT: 14.74 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:178 Resp: 152185

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.8
179	14.7	12.7	19.1



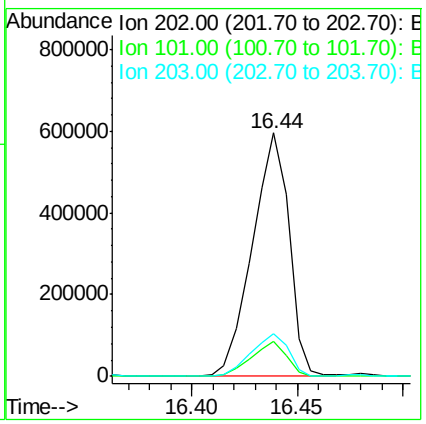


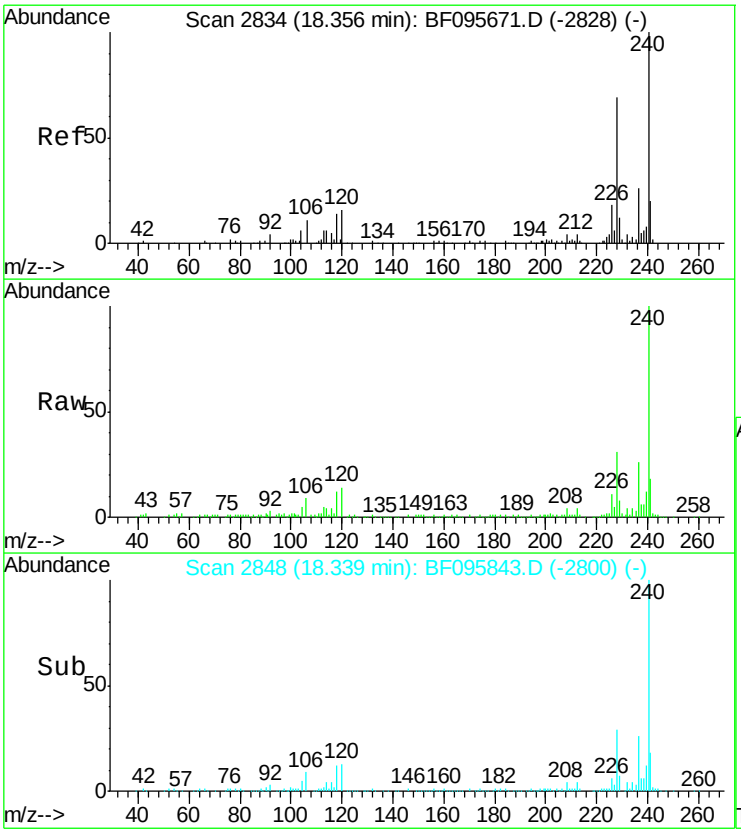
#74
Fluoranthene
Concen: 71.73 ng
RT: 16.44 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:202 Resp: 718346

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.5	0.0	38.1

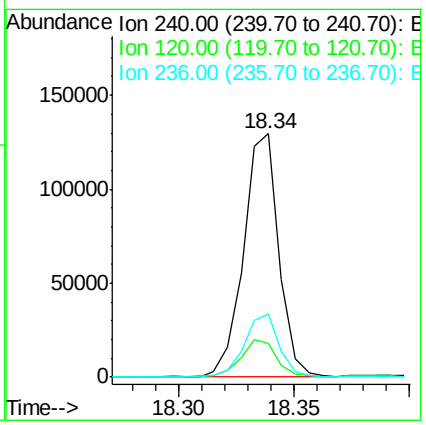


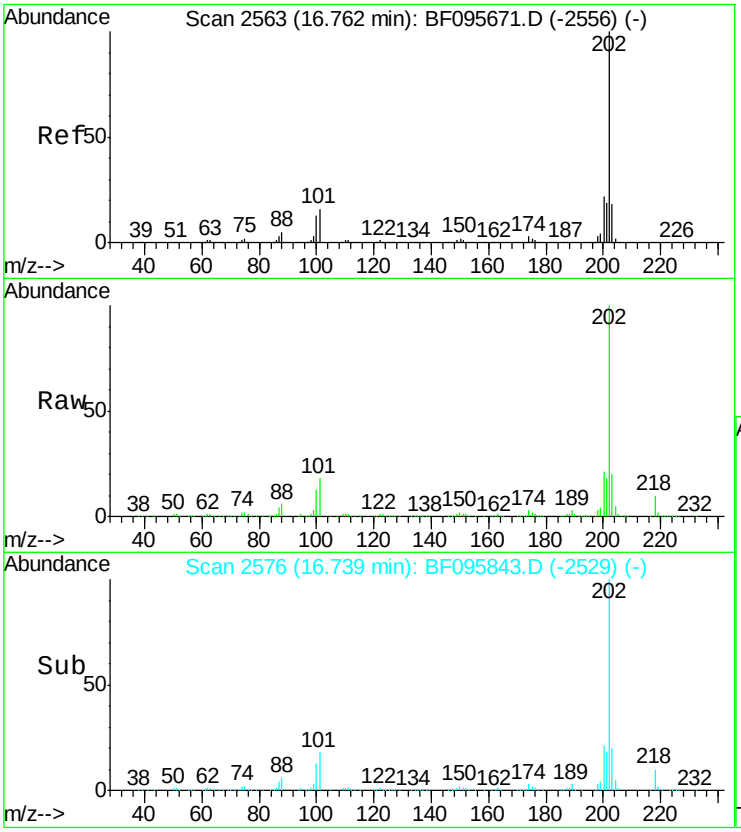


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:240 Resp: 138418

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.9	20.5	30.7



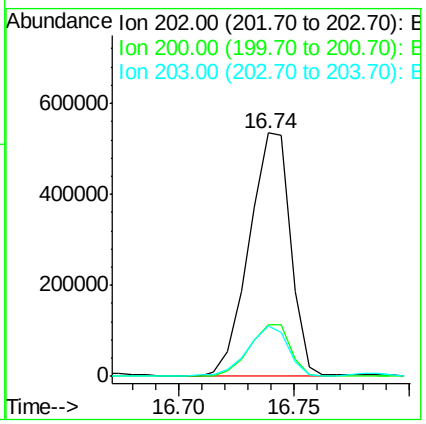


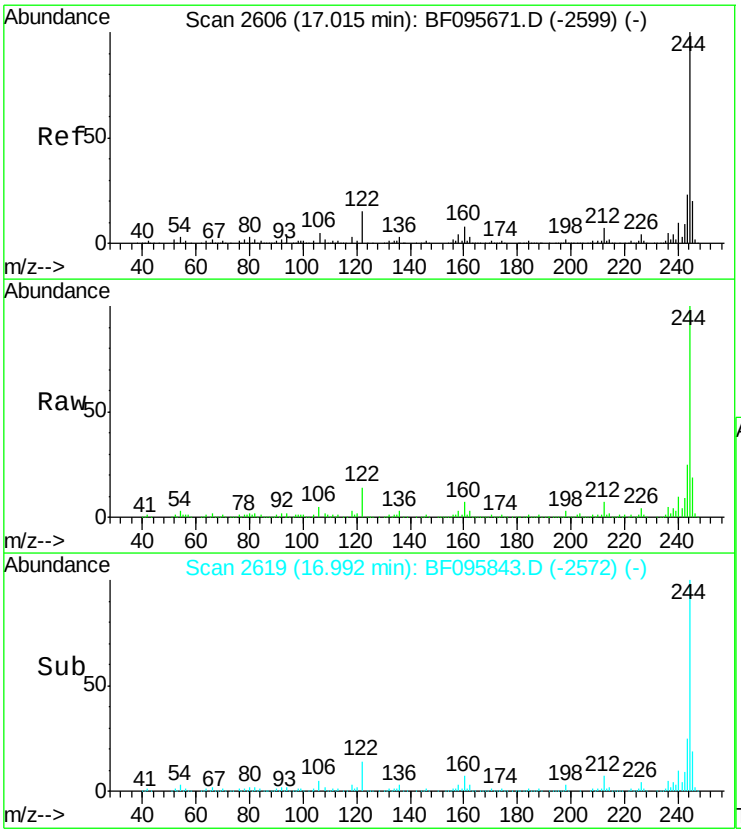
#77
Pyrene
Concen: 64.55 ng
RT: 16.74 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:202 Resp: 666670

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	20.5	14.4	21.6

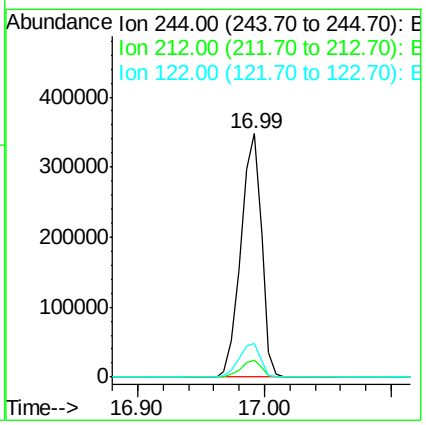


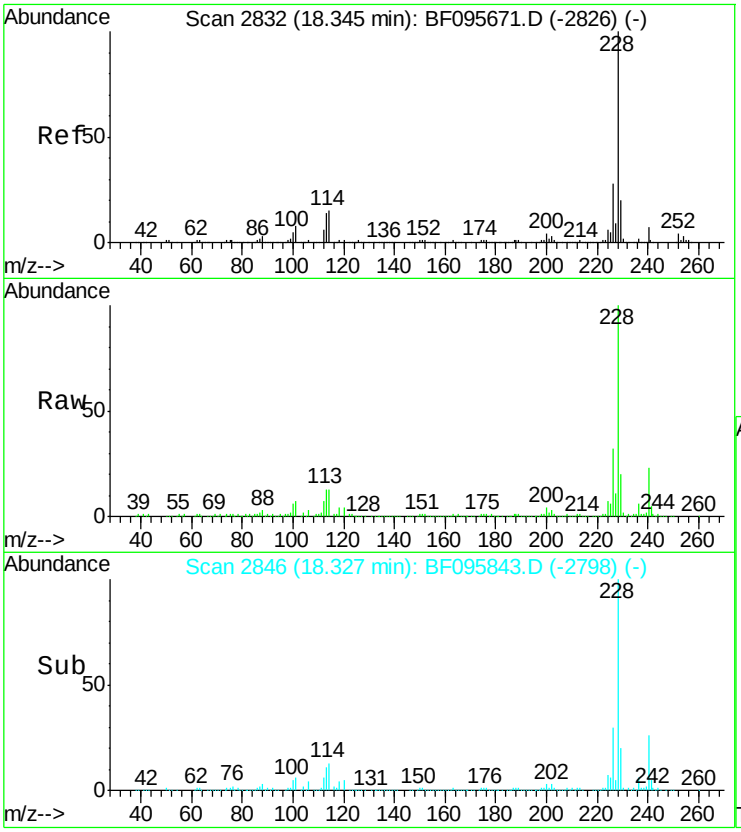


#78
Terphenyl-d14
Concen: 69.92 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:244 Resp: 389969

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.0	10.3	15.5



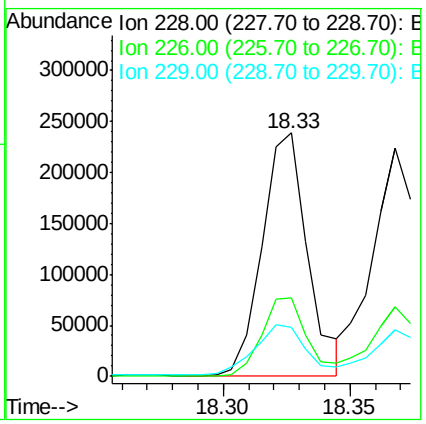


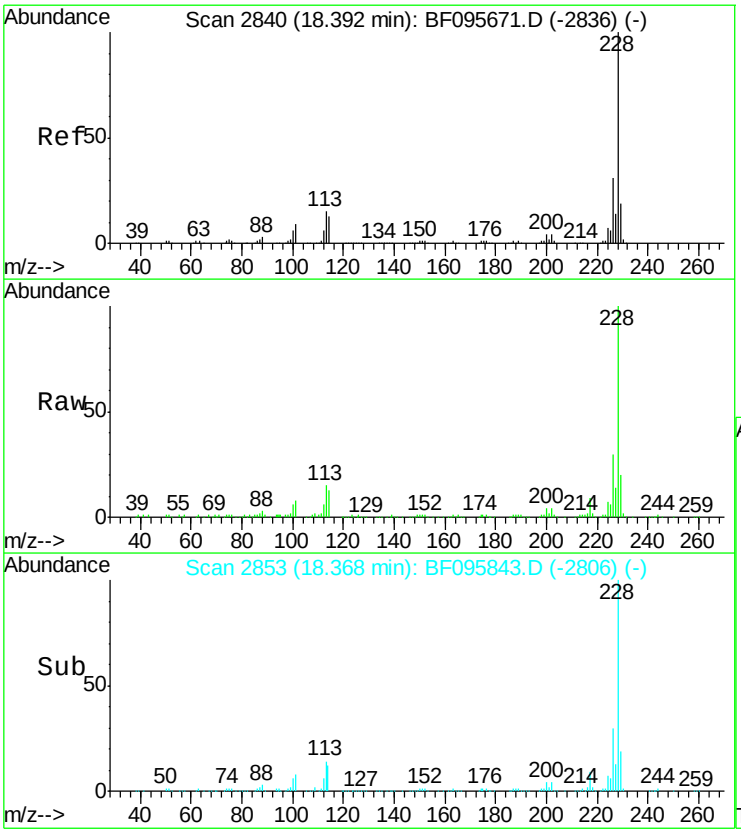
#80
Benzo(a)anthracene
Concen: 37.08 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:228 Resp: 298416

Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	20.1	16.3	24.5

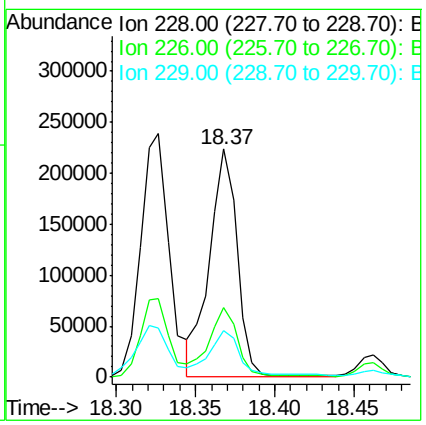


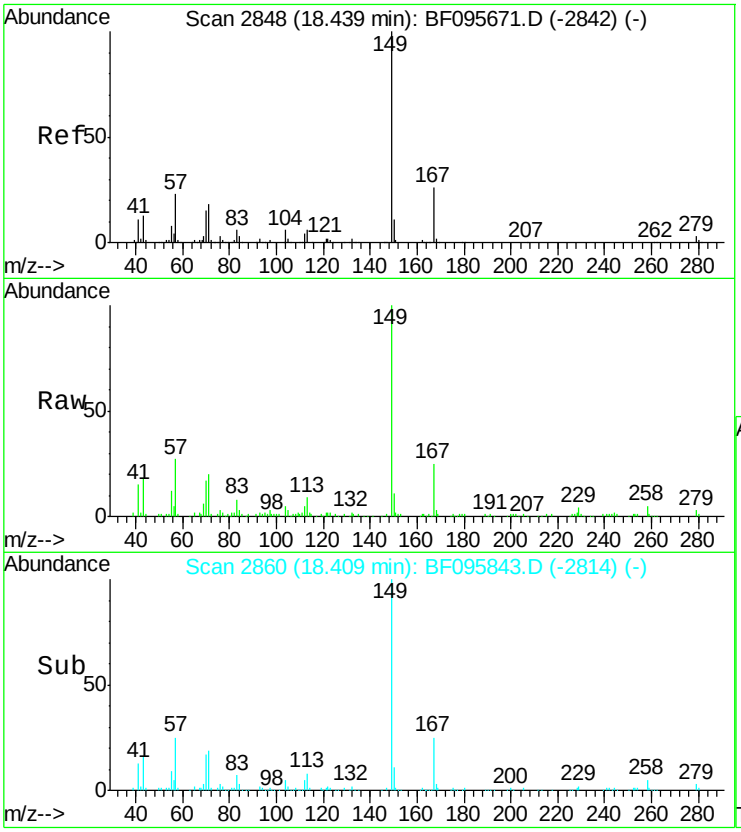


#82
Chrysene
Concen: 33.73 ng
RT: 18.37 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:228 Resp: 271279

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.2	15.8	23.6



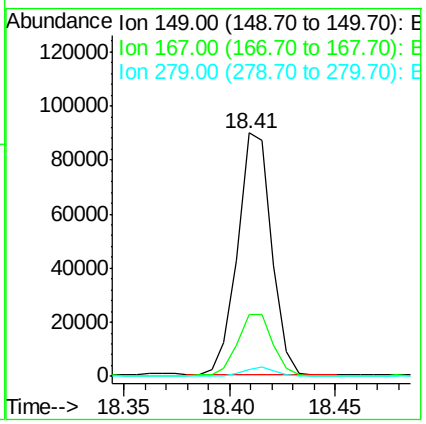


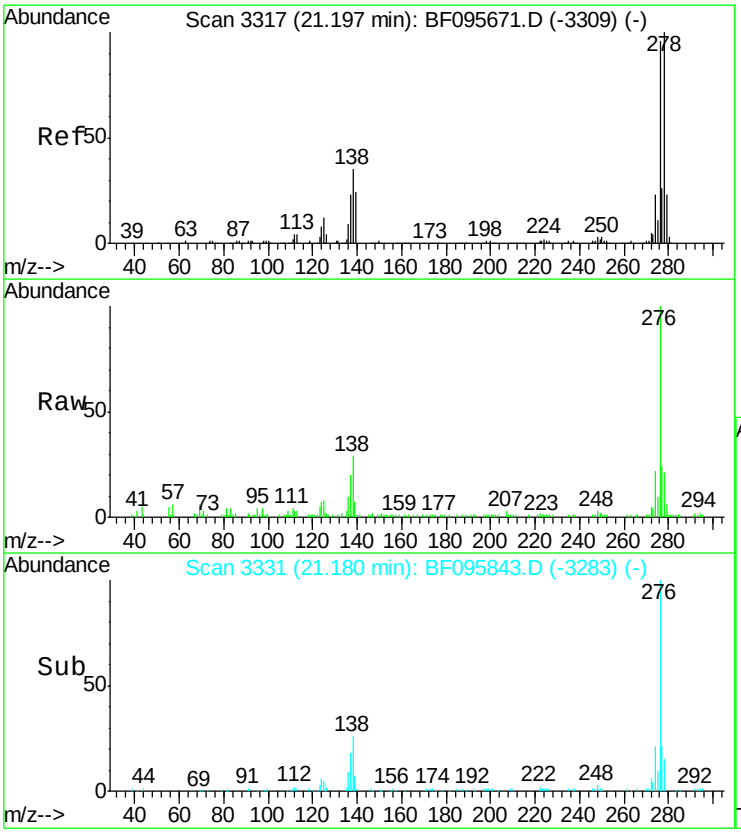
#83
Bis(2-ethylhexyl)phthalate
Concen: 15.67 ng
RT: 18.41 min Scan# 2860
Delta R.T. -0.03 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:149 Resp: 99724

Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.0	31.4
279	2.7	1.9	2.9

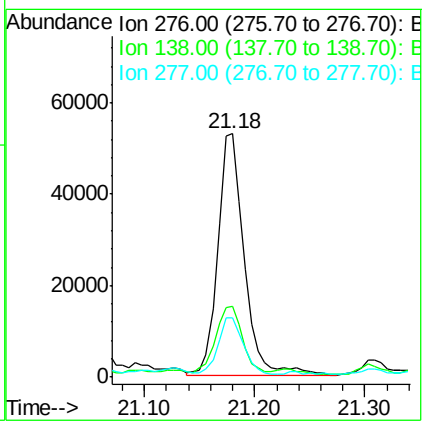


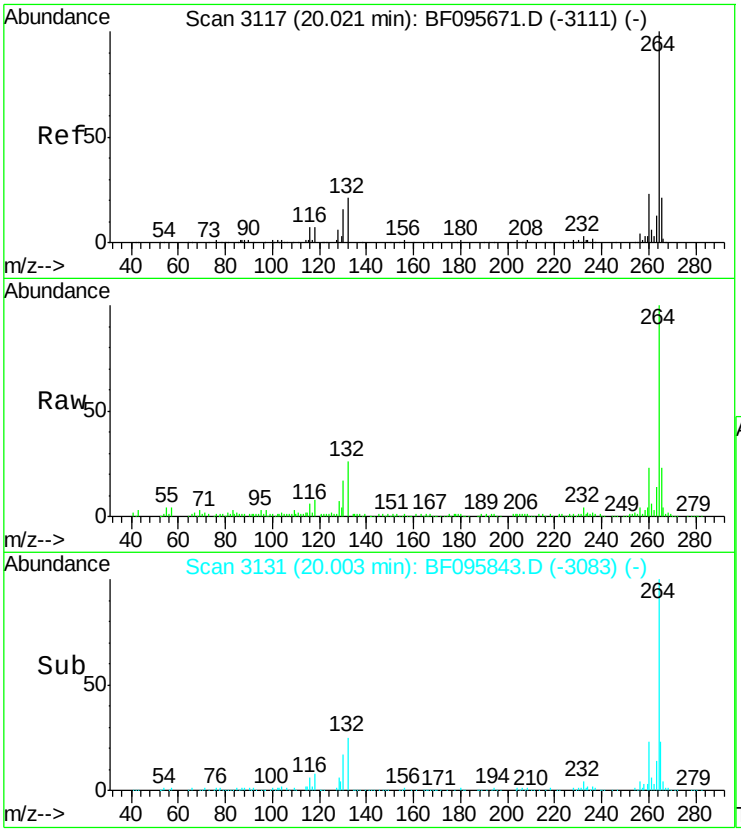


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.78 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:276 Resp: 87933

Ion	Ratio	Lower	Upper
276	100		
138	28.6	27.8	41.6
277	23.2	20.2	30.4



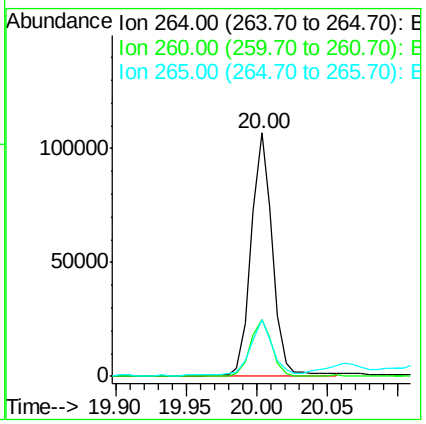


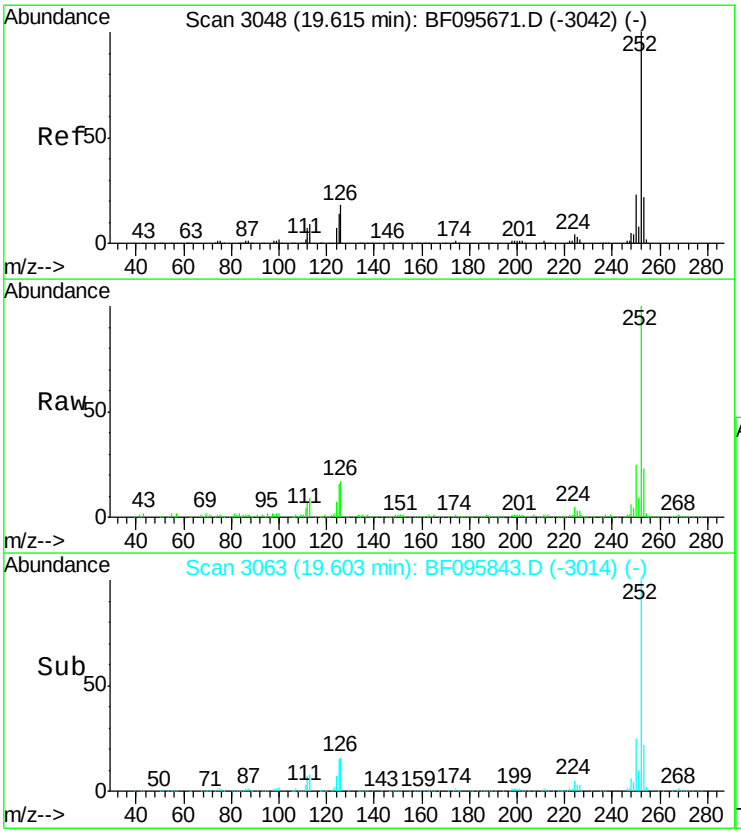
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:264 Resp: 114309

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	23.4	17.2	25.8

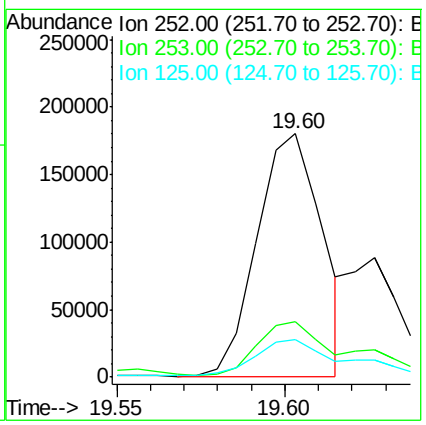


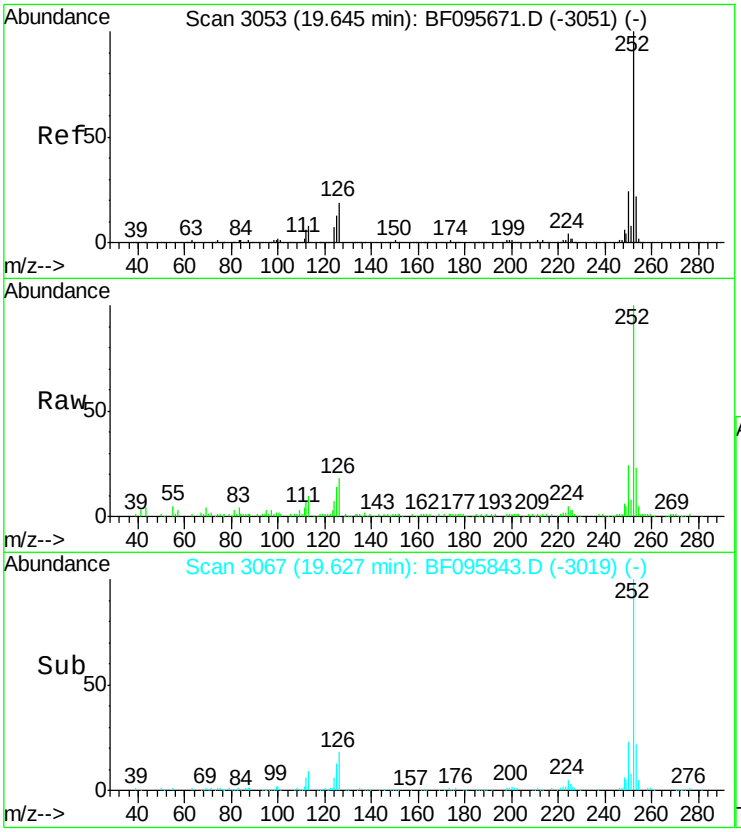


#87
Benzo(b)fluoranthene
Concen: 34.03 ng m
RT: 19.60 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:252 Resp: 243580

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.6	9.8	14.8#



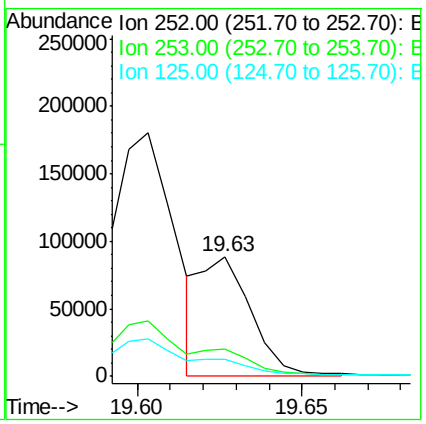


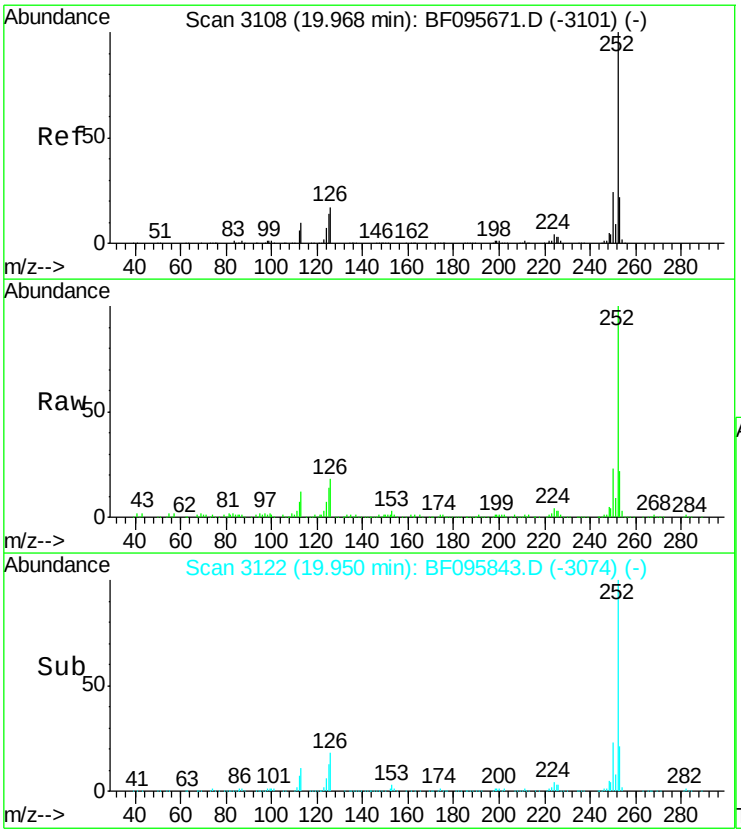
#88
Benzo(k)fluoranthene
Concen: 13.68 ng m
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:252 Resp: 93573

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	14.4	13.1	19.7

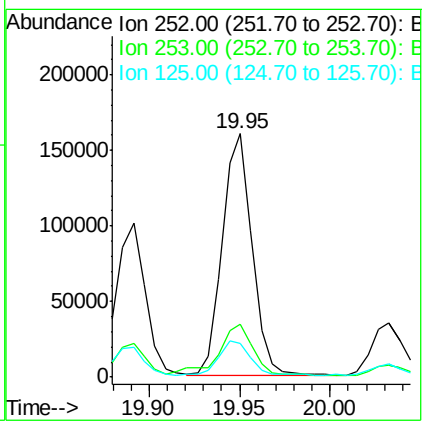


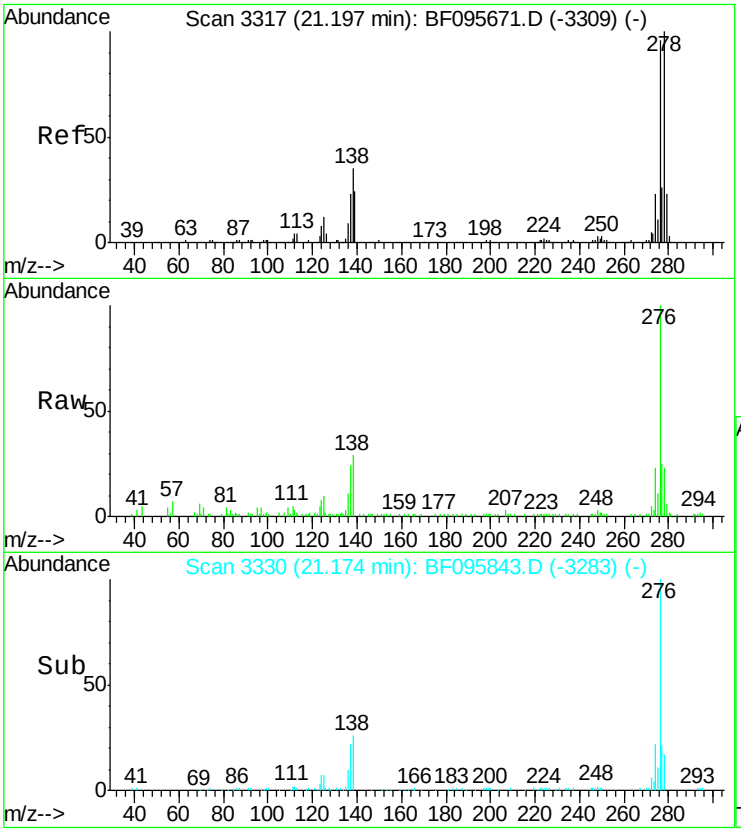


#89
Benzo(a)pyrene
Concen: 27.72 ng
RT: 19.95 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:252 Resp: 182364

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	14.1	11.0	16.4



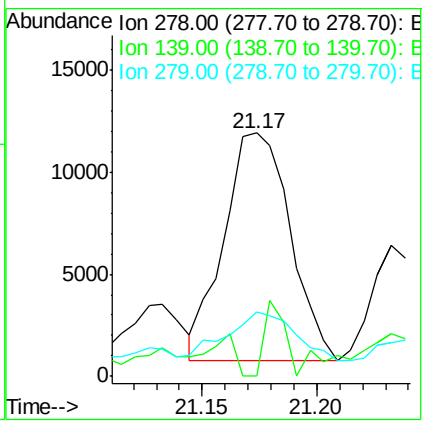


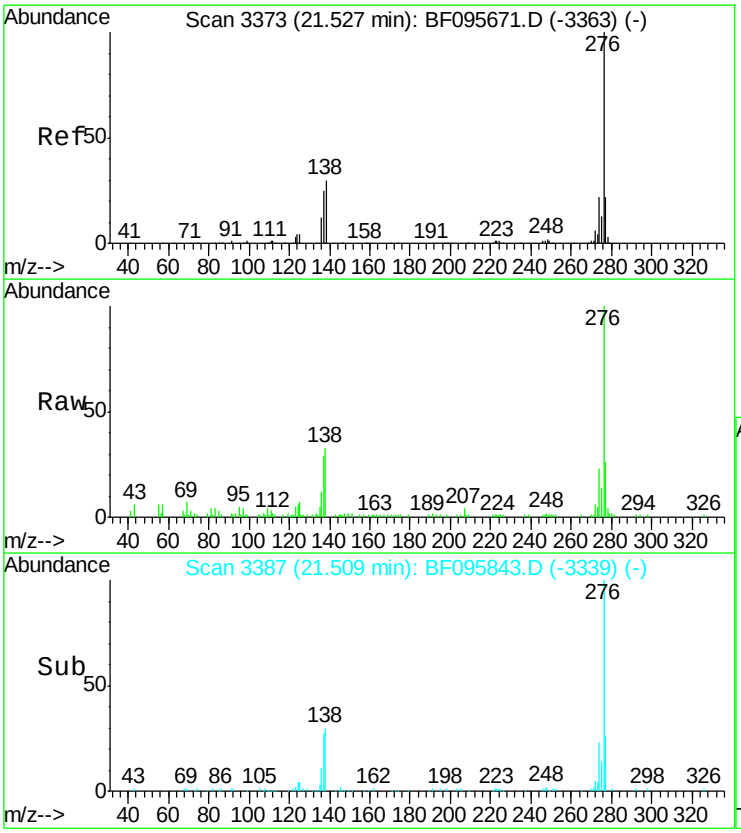
#90
Dibenzo(a,h)anthracene
Concen: 4.02 ng m
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Instrument :
BNA_F
ClientSampleId :
S-8

Tgt Ion:278 Resp: 22461

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	26.5	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 12.96 ng
RT: 21.51 min Scan# 3387
Delta R.T. -0.02 min
Lab File: BF095843.D
Acq: 10 Jun 2017 2:52

Tgt Ion:276 Resp: 73719

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	32.7	25.4	38.0