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

Quantitation Report (QT Reviewed)

Data File : BF095844.D
Acq On : 10 Jun 2017 3:24
Operator : SJ/MA
Sample : I3457-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-11

Quant Time: Jun 12 07:11:28 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	64488	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	264556	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	107919	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	168420	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	135711	20.00	ng		-0.02
86) Perylene-d12	20.00	264	115370	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	550261	135.97	ng		-0.02
7) Phenol-d6	6.93	99	672301	138.76	ng		-0.02
23) Nitrobenzene-d5	8.29	82	359717	84.44	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	107680	112.77	ng		-0.04
44) 2-Fluorobiphenyl	11.18	172	488378	62.97	ng		-0.04
78) Terphenyl-d14	16.99	244	288836	52.82	ng		-0.03
Target Compounds							Qvalue
49) Dimethylphthalate	11.87	163	97846	11.94	ng		98
70) Phenanthrene	14.65	178	93561	9.63	ng		100
71) Anthracene	14.74	178	29051m	2.86	ng		
74) Fluoranthene	16.43	202	148993	15.49	ng		99
77) Pyrene	16.73	202	162743	16.07	ng	#	95
80) Benzo(a)anthracene	18.32	228	79062	10.02	ng		92
82) Chrysene	18.37	228	84042	10.66	ng		96
83) Bis(2-ethylhexyl)phthalate	18.41	149	18107	2.90	ng	#	97
85) Indeno(1,2,3-cd)pyrene	21.18	276	29868	4.43	ng		98
87) Benzo(b)fluoranthene	19.60	252	86527m	11.98	ng		
88) Benzo(k)fluoranthene	19.63	252	22625m	3.28	ng		
89) Benzo(a)pyrene	19.95	252	69352	10.44	ng		97
91) Benzo(g,h,i)perylene	21.52	276	33357	5.81	ng		98

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

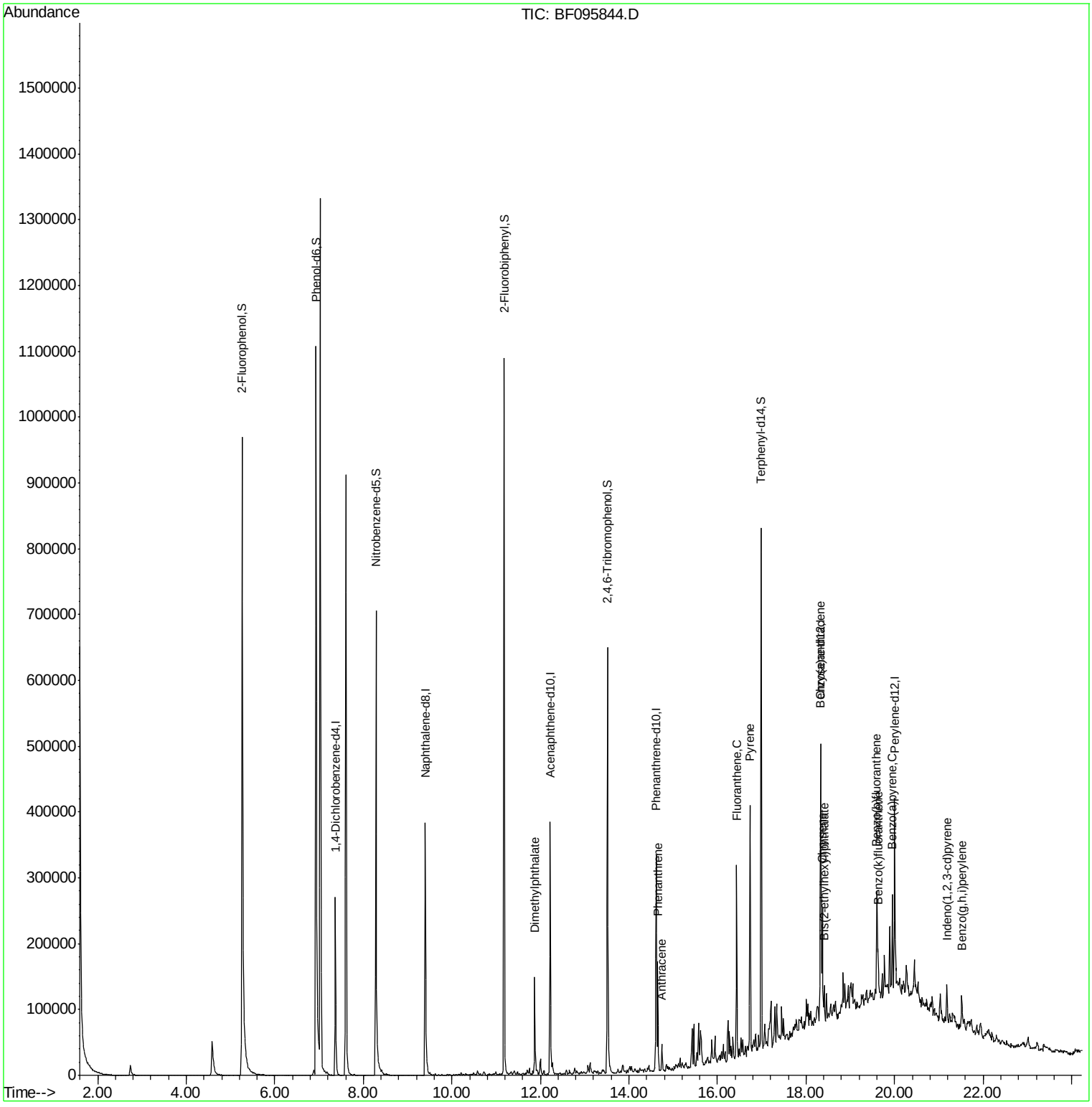
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

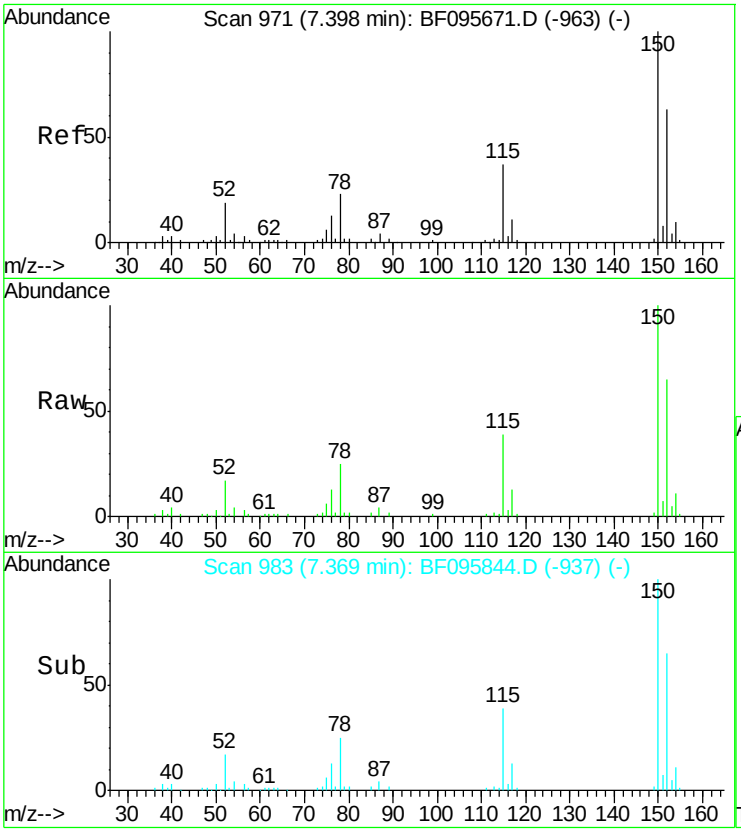
Quantitation Report (QT Reviewed)

Data File : BF095844.D
Acq On : 10 Jun 2017 3:24
Operator : SJ/MA
Sample : I3457-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-11

Quant Time: Jun 12 07:11:28 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



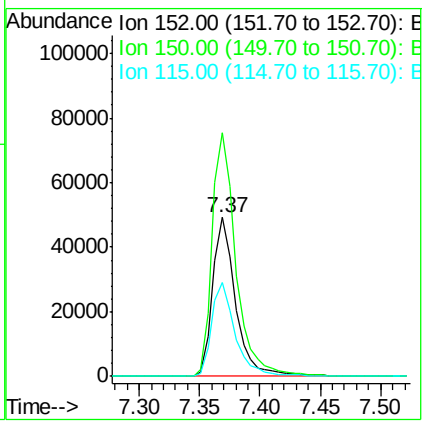


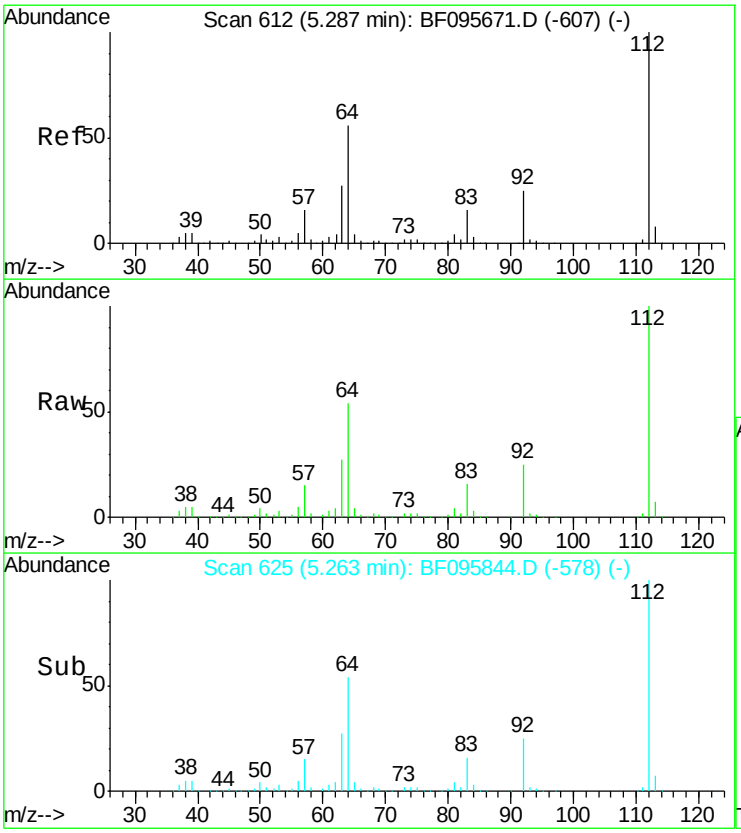
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion:152 Resp: 64488

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	59.0	52.2	78.2

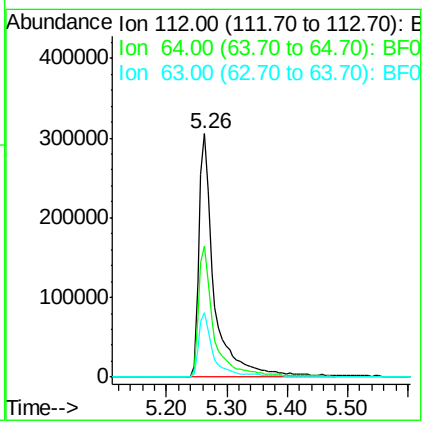


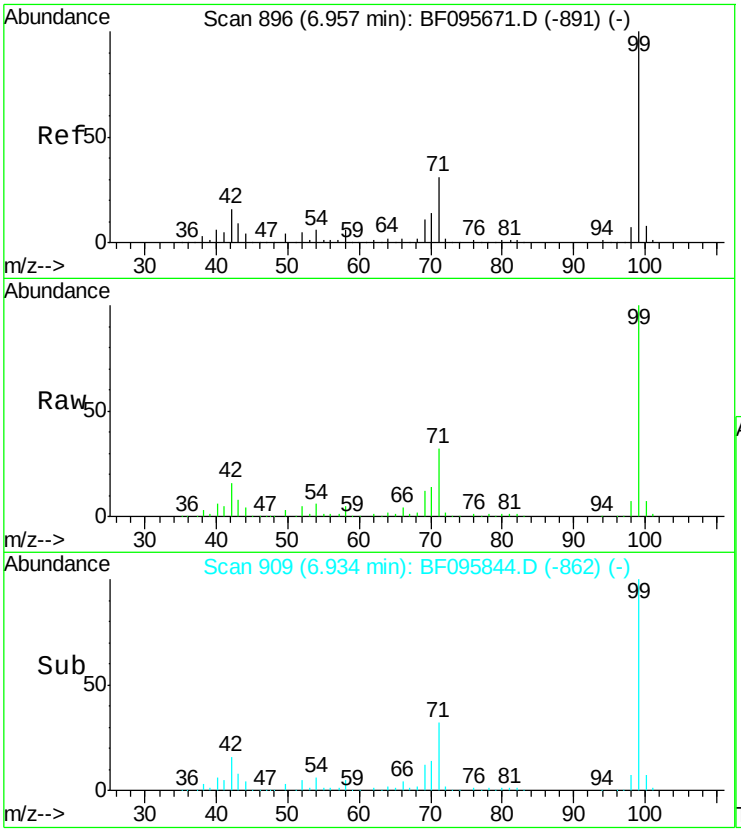


#5
2-Fluorophenol
Concen: 135.97 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:112 Resp: 550261

Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.0	69.0
63	26.6	23.4	35.0



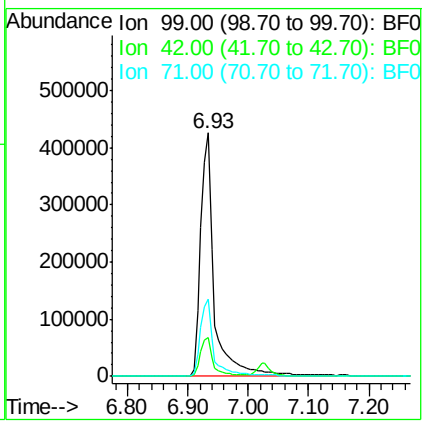


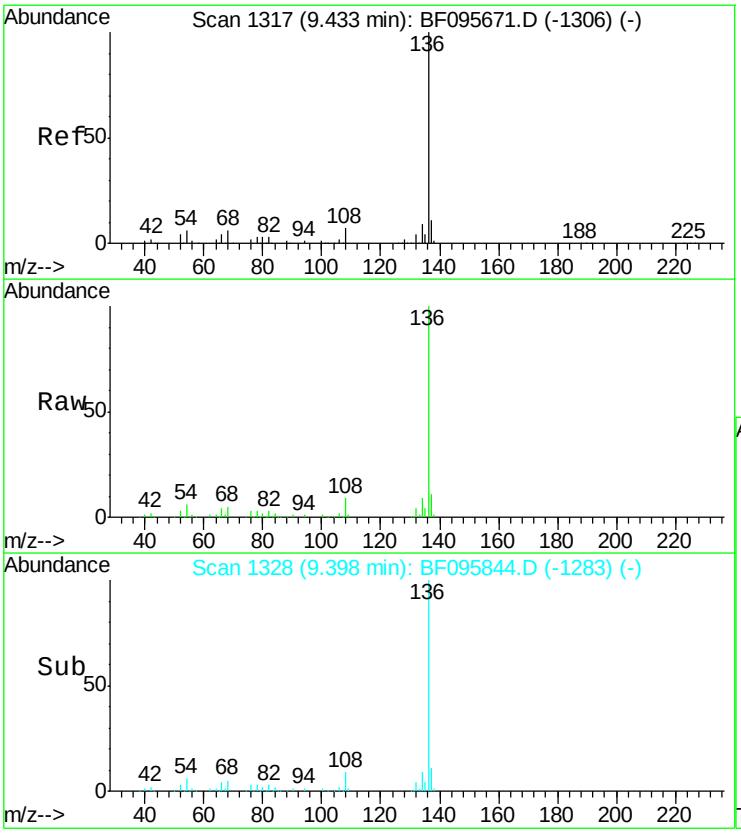
#7
Phenol-d6
Concen: 138.76 ng
RT: 6.93 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion: 99 Resp: 672301

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.8	24.5	36.7

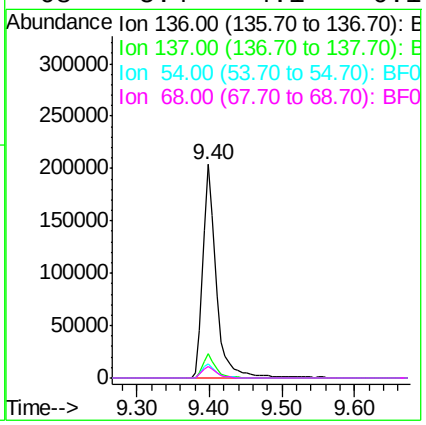


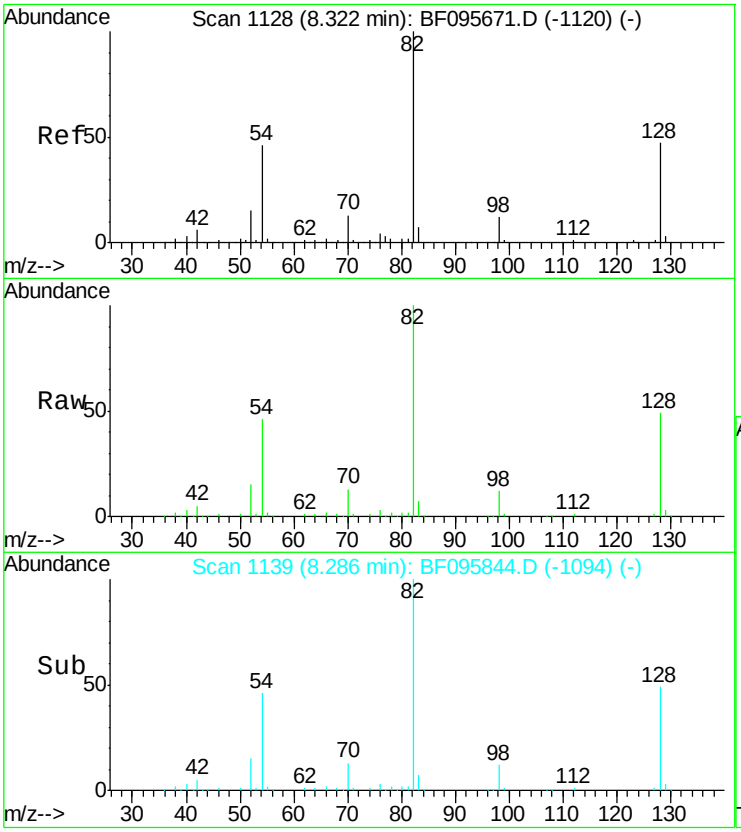


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:136 Resp: 264556

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.5	4.9	7.3
68	5.4	4.1	6.1



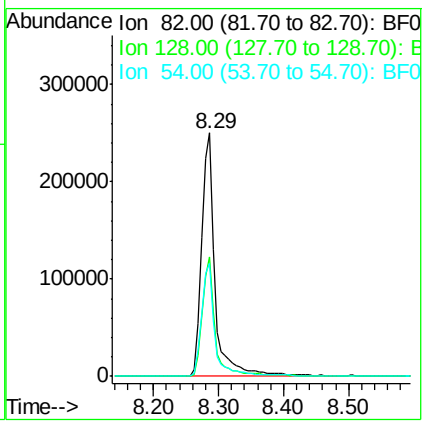


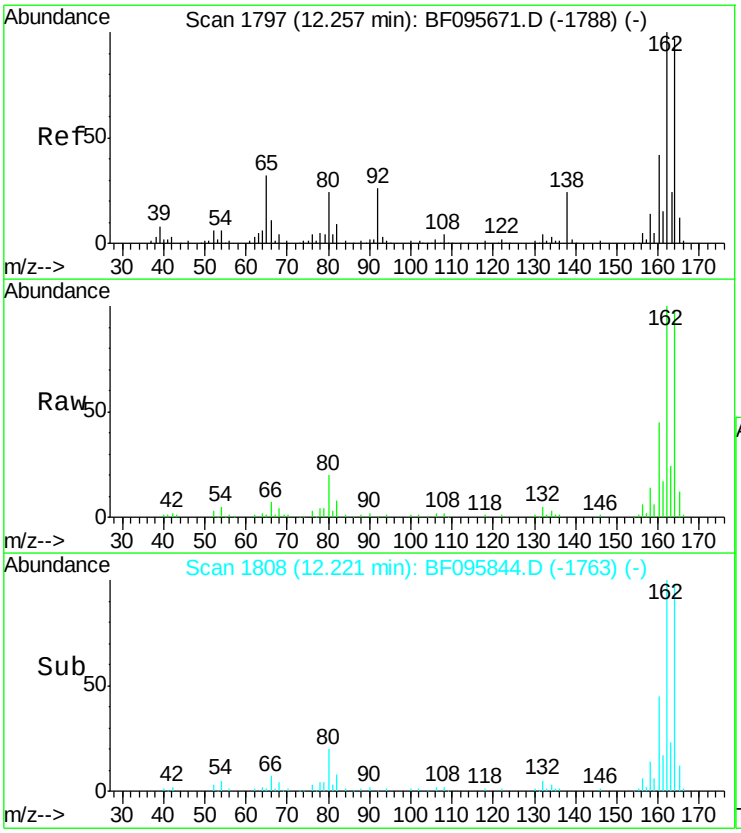
#23
Nitrobenzene-d5
Concen: 84.44 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion: 82 Resp: 359717

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	46.3	42.2	63.2

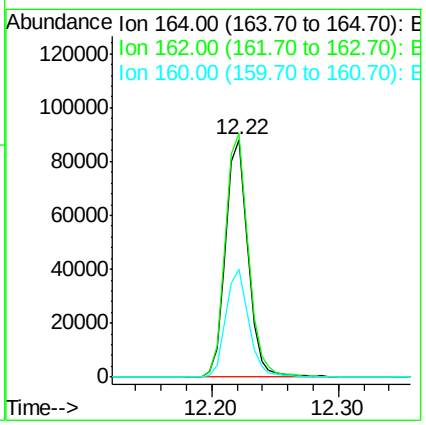


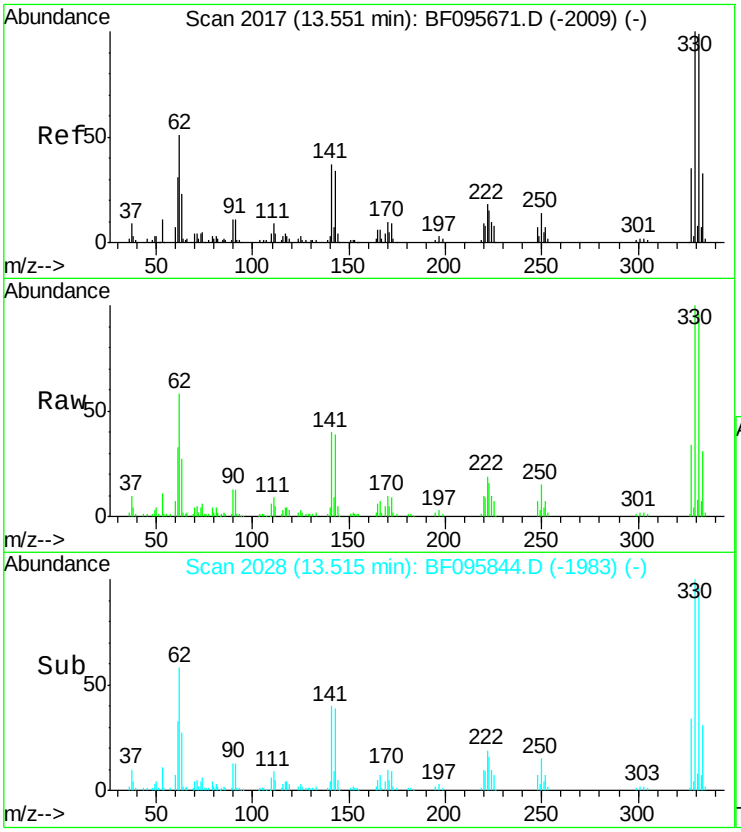


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:164 Resp: 107919

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	45.6	36.2	54.2



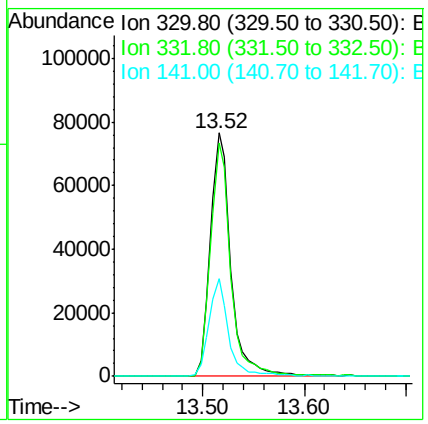


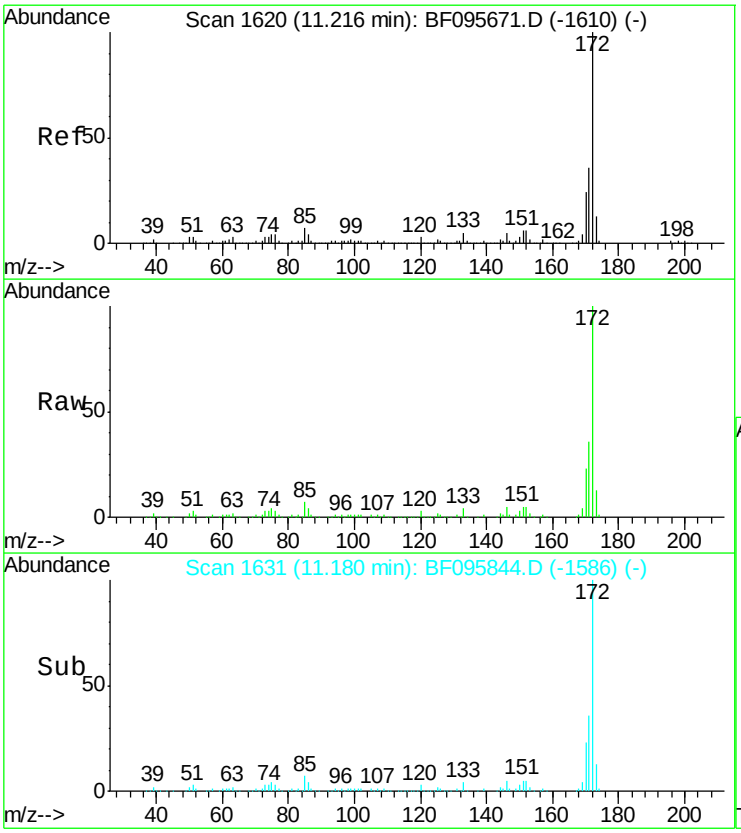
#41
2,4,6-Tribromophenol
Concen: 112.77 ng
RT: 13.52 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion:330 Resp: 107680

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	115.0
141	38.2	31.4	47.2

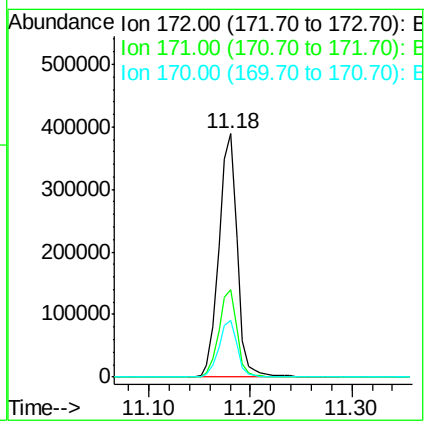


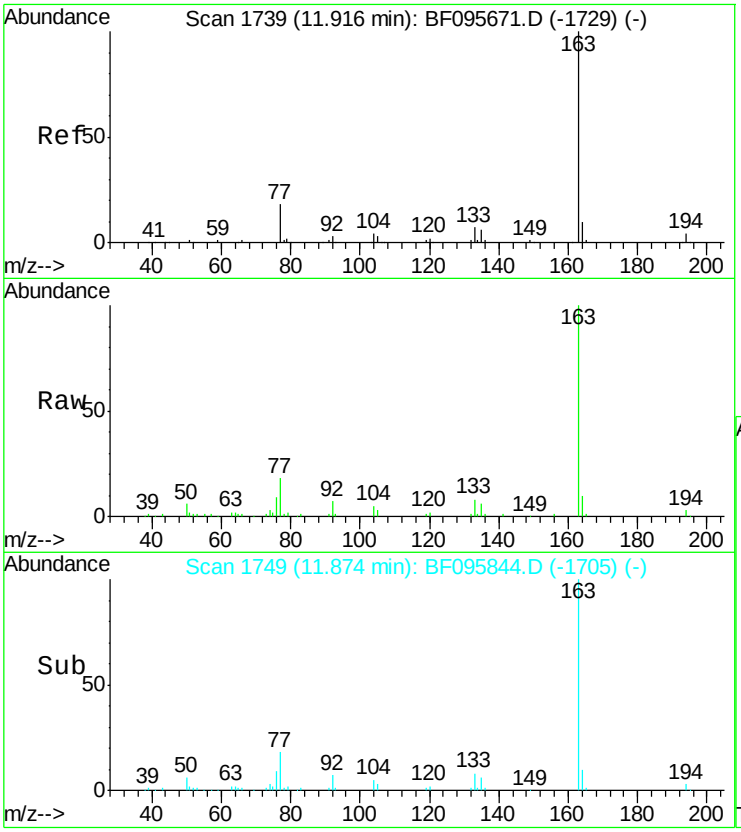


#44
2-Fluorobiphenyl
Concen: 62.97 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:172 Resp: 488378

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.2	19.8	29.8



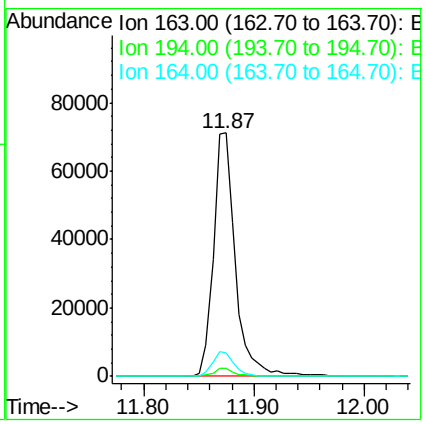


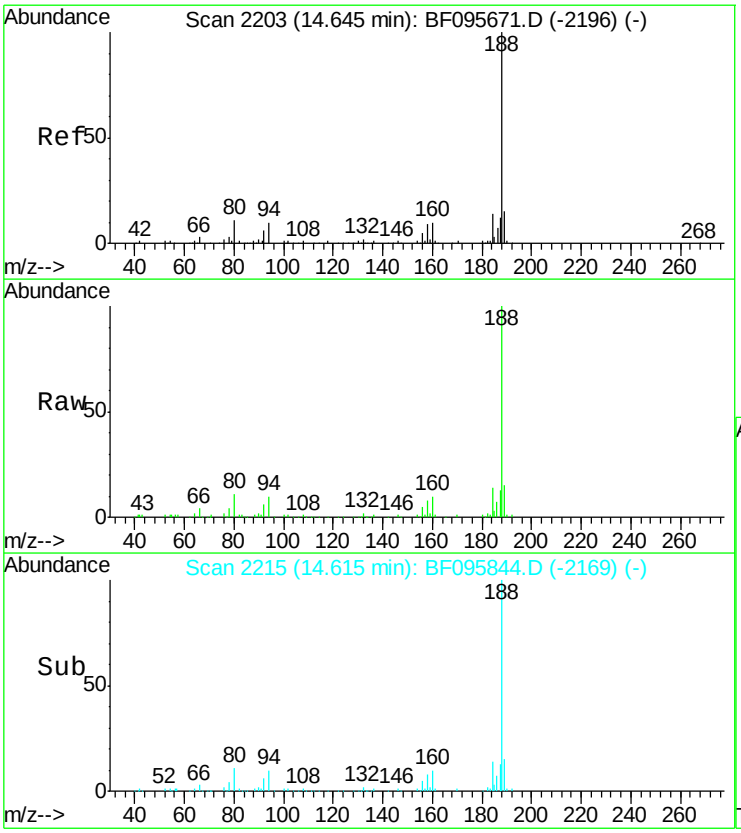
#49
Dimethylphthalate
Concen: 11.94 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion:163 Resp: 97846

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.6	8.4	12.6

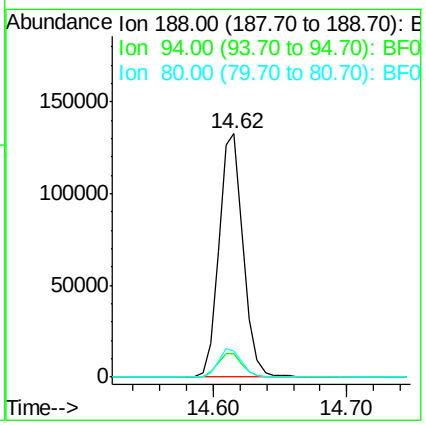


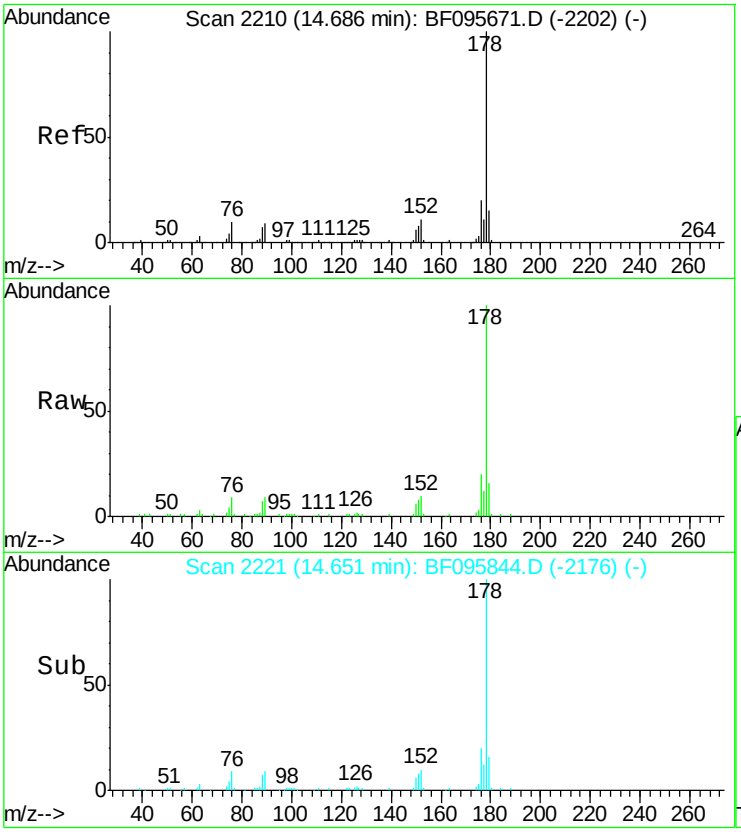


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:188 Resp: 168420

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.8	10.2	15.2



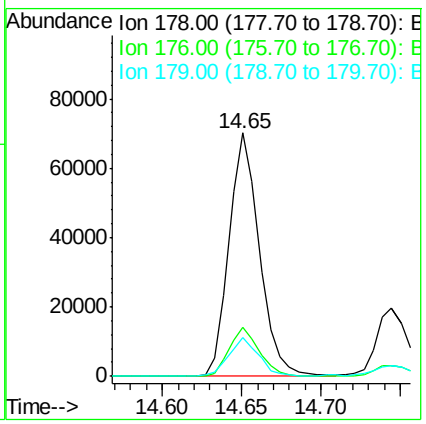


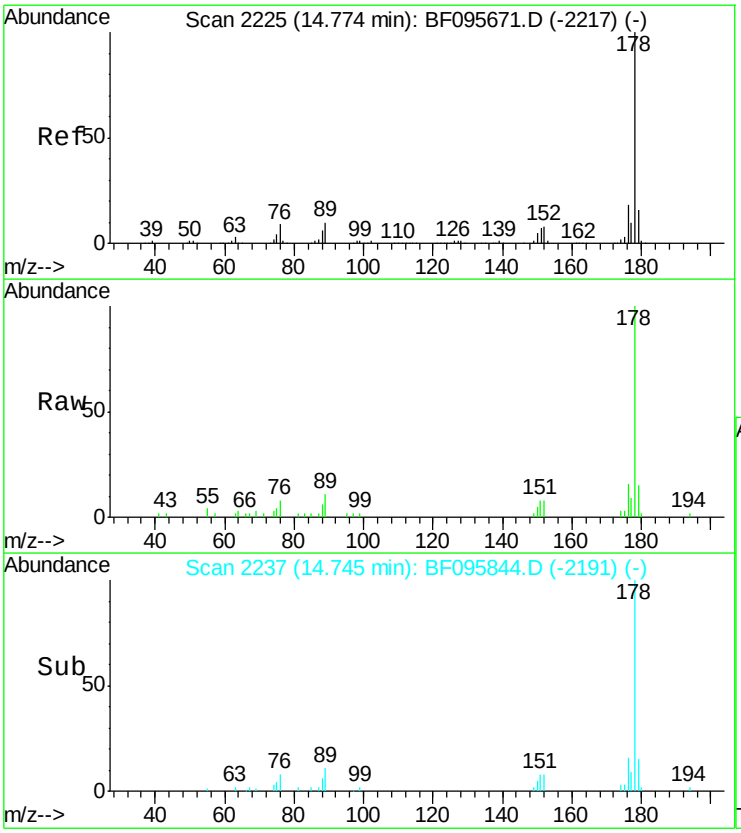
#70
Phenanthrene
Concen: 9.63 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion:178 Resp: 93561

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.9	12.6	19.0

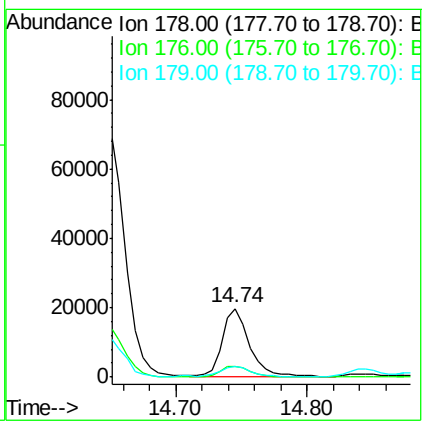


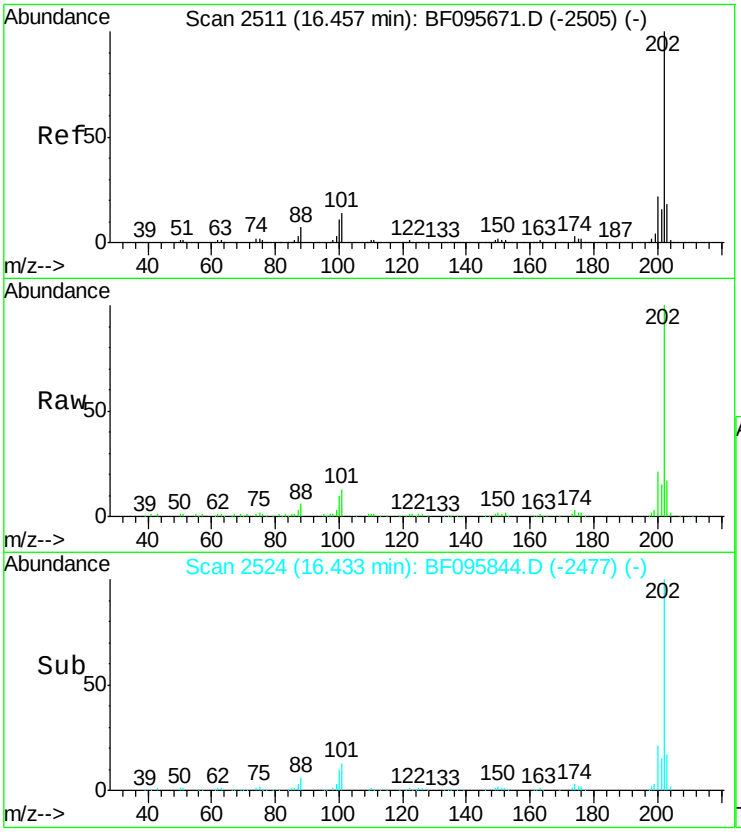


#71
Anthracene
Concen: 2.86 ng m
RT: 14.74 min Scan# 2237
Delta R.T. -0.03 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:178 Resp: 29051

Ion	Ratio	Lower	Upper
178	100		
176	15.5	15.8	23.8#
179	15.0	12.7	19.1



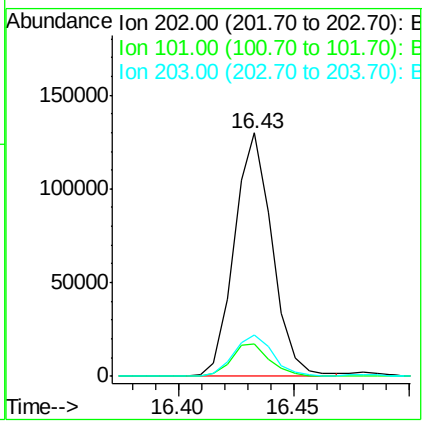


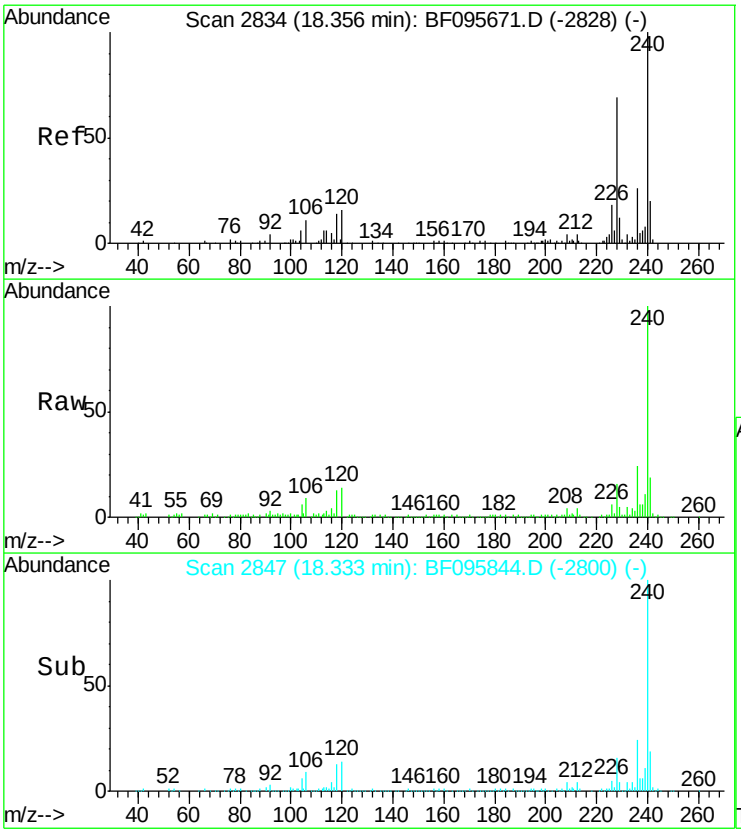
#74
Fluoranthene
Concen: 15.49 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion:202 Resp: 148993

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.0	0.0	38.1

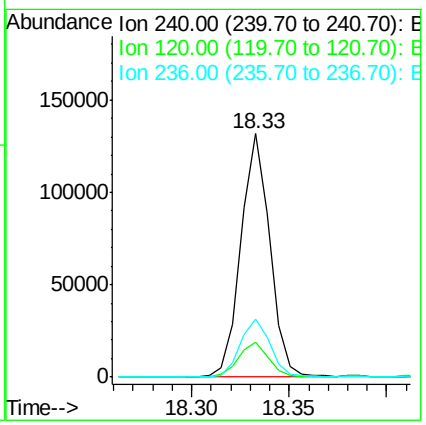


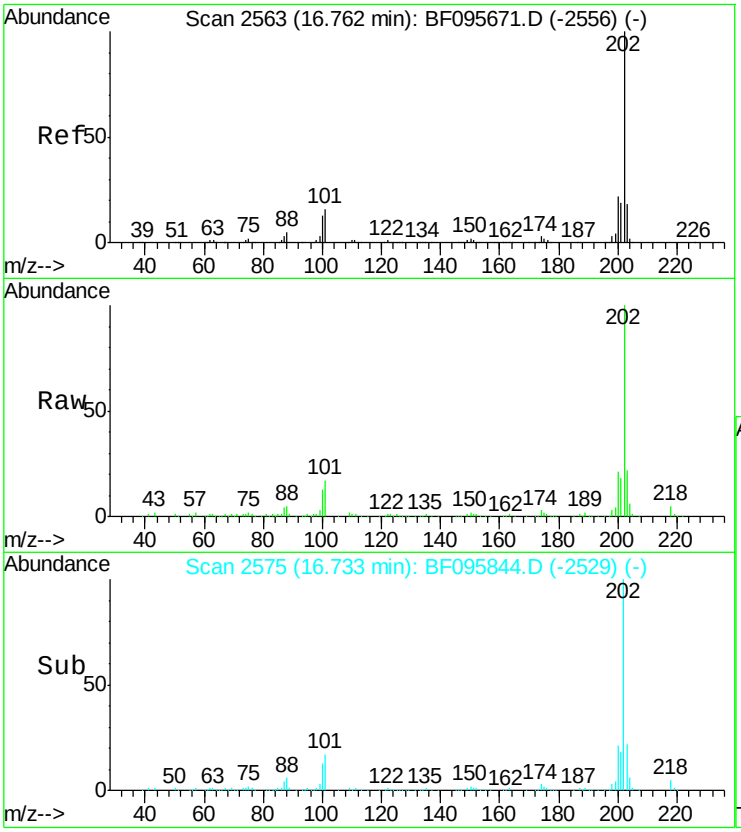


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:240 Resp: 135711

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	23.9	20.5	30.7



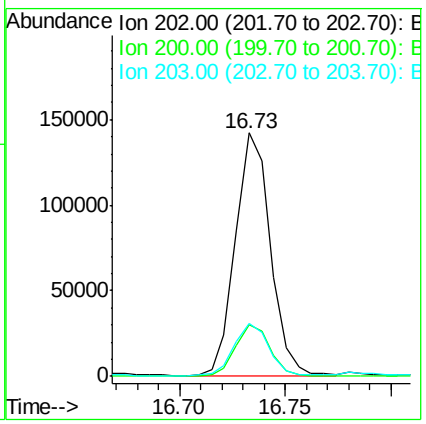


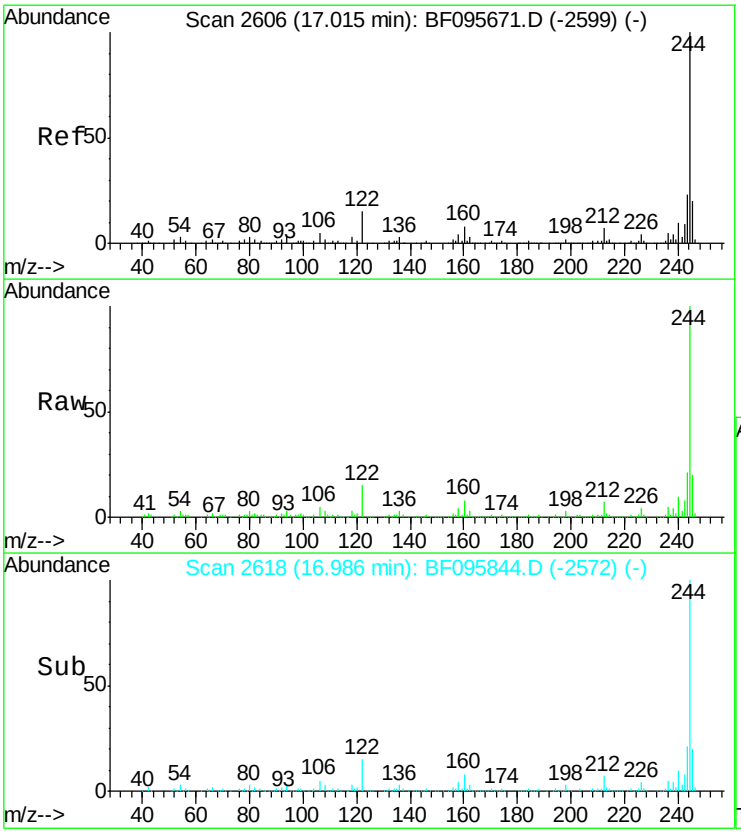
#77
Pyrene
Concen: 16.07 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion:202 Resp: 162743

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	21.9	14.4	21.6#

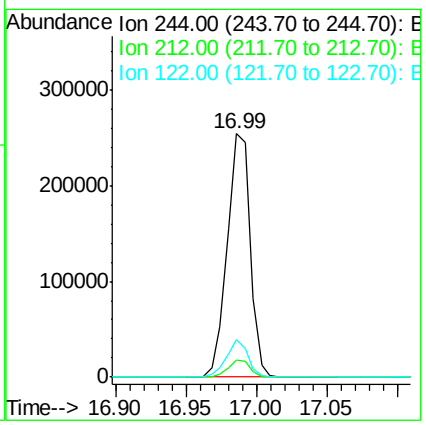


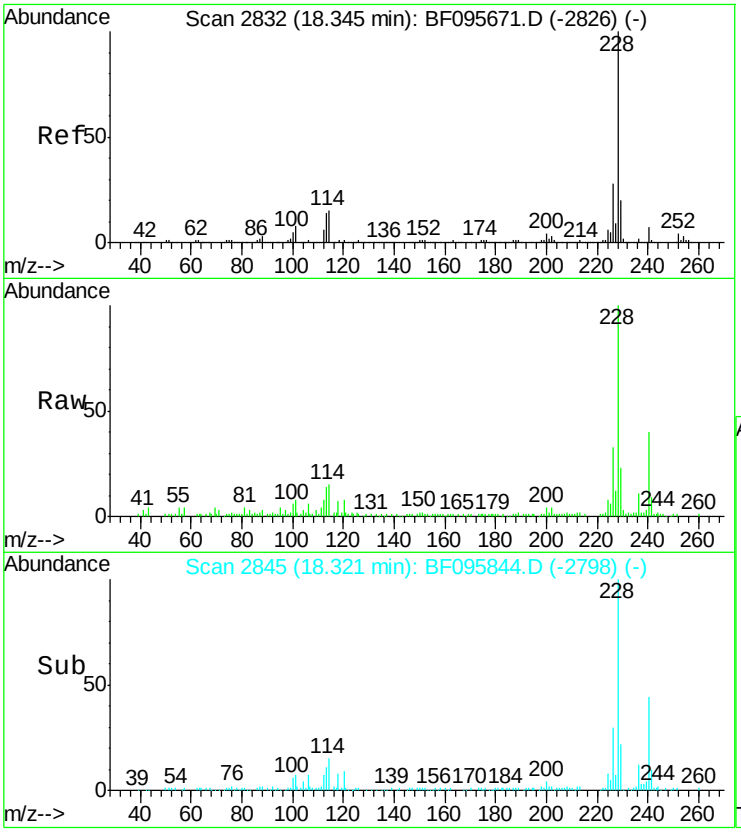


#78
Terphenyl-d14
Concen: 52.82 ng
RT: 16.99 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:244 Resp: 288836

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.2	10.3	15.5



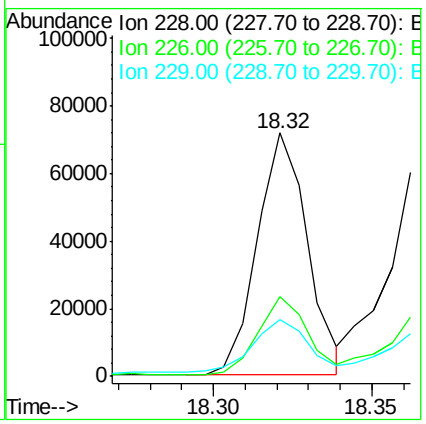


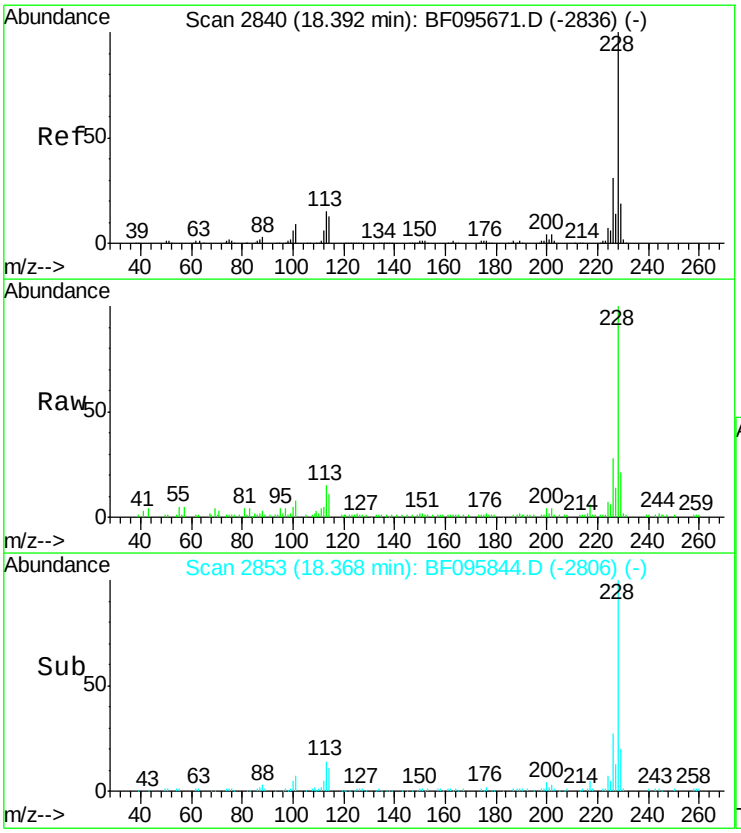
#80
Benzo(a)anthracene
Concen: 10.02 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion:228 Resp: 79062

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.6	33.8
229	23.3	16.3	24.5

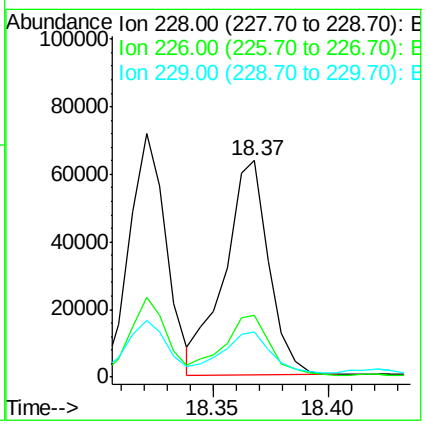


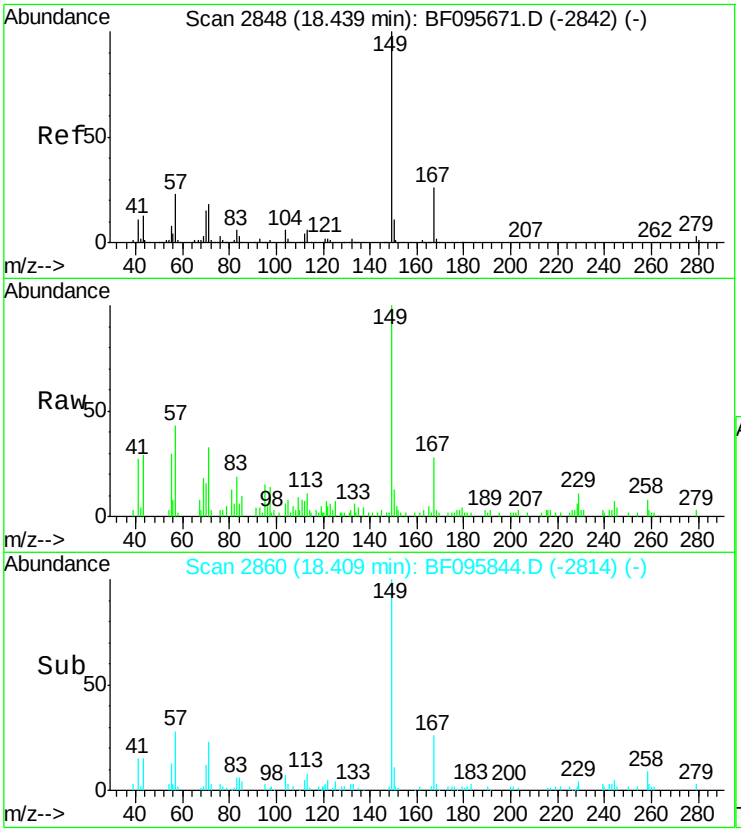


#82
Chrysene
Concen: 10.66 ng
RT: 18.37 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:228 Resp: 84042

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.9	37.3
229	20.9	15.8	23.6



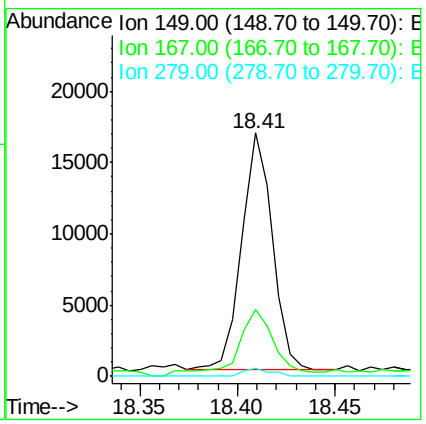


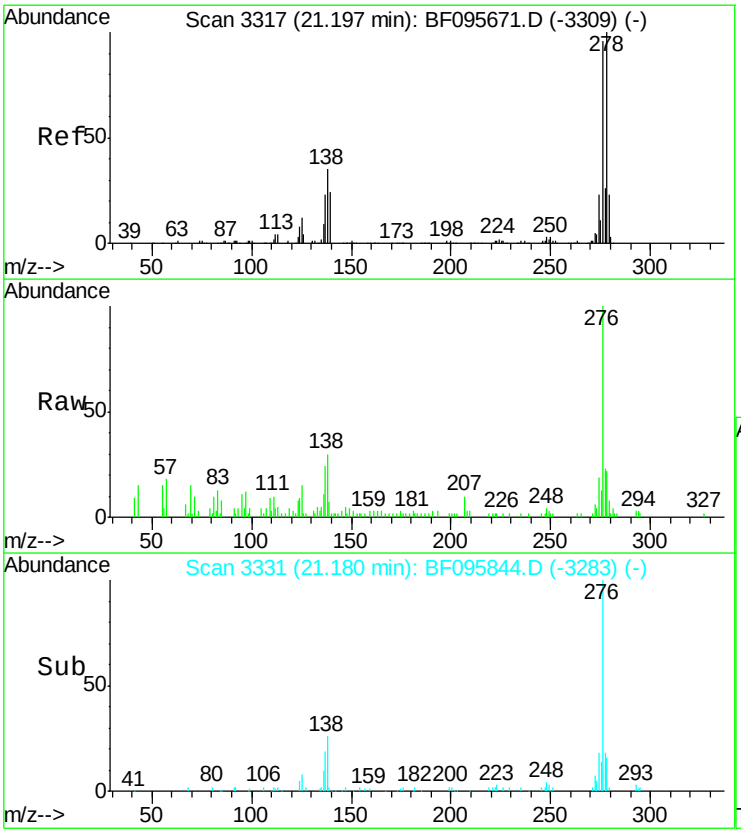
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.90 ng
RT: 18.41 min Scan# 2860
Delta R.T. -0.03 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion:149 Resp: 18107

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.0	31.4
279	3.2	1.9	2.9#

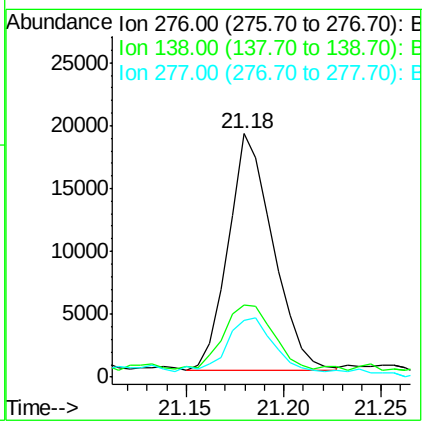


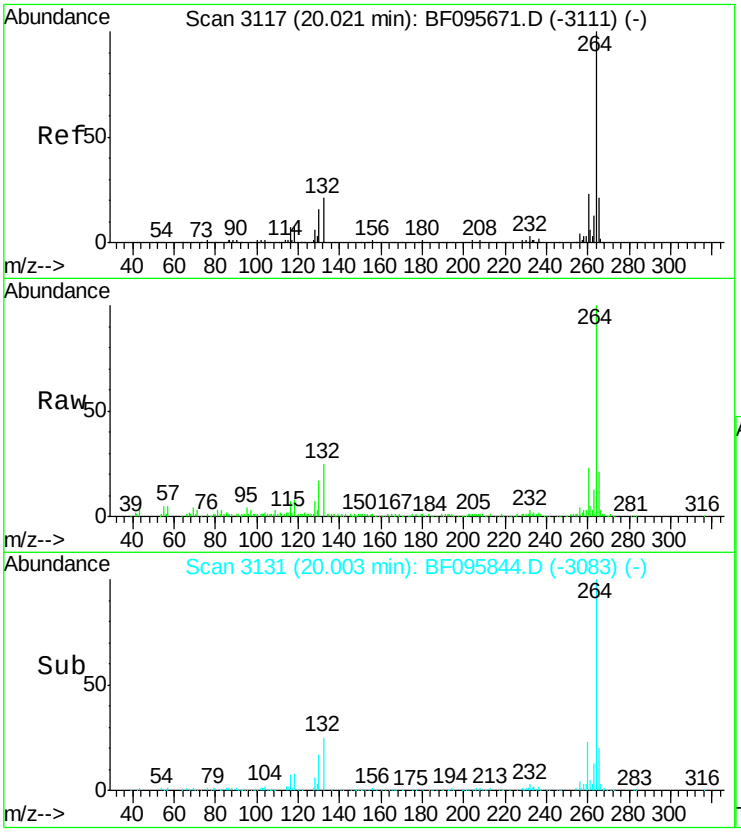


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.43 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:276 Resp: 29868

Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	23.7	20.2	30.4



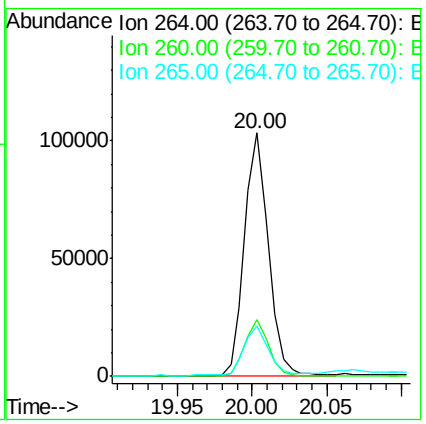


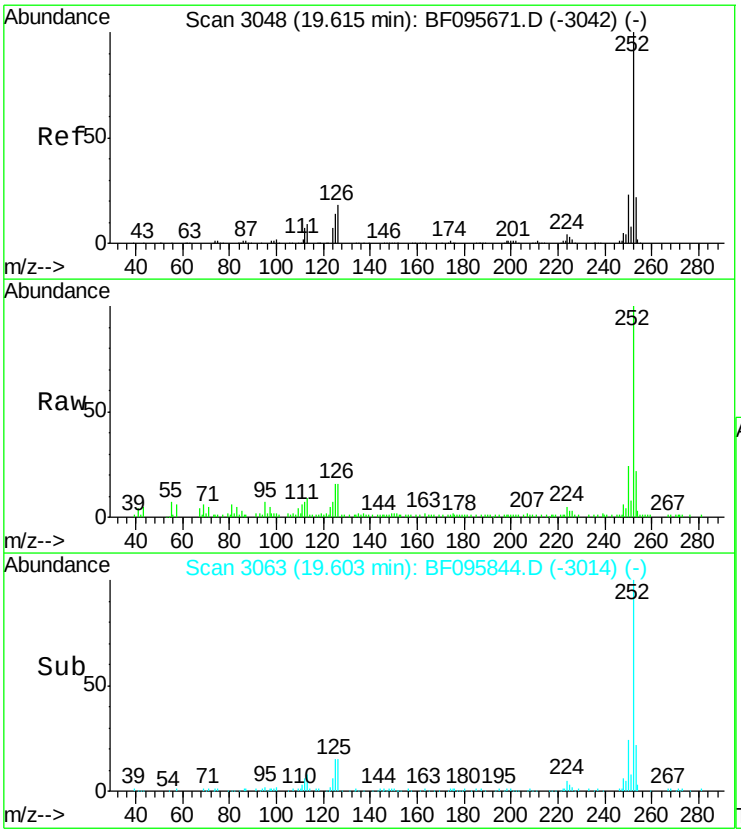
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion:264 Resp: 115370

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.5	17.2	25.8

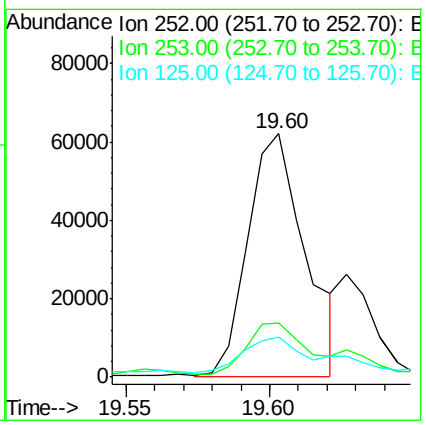


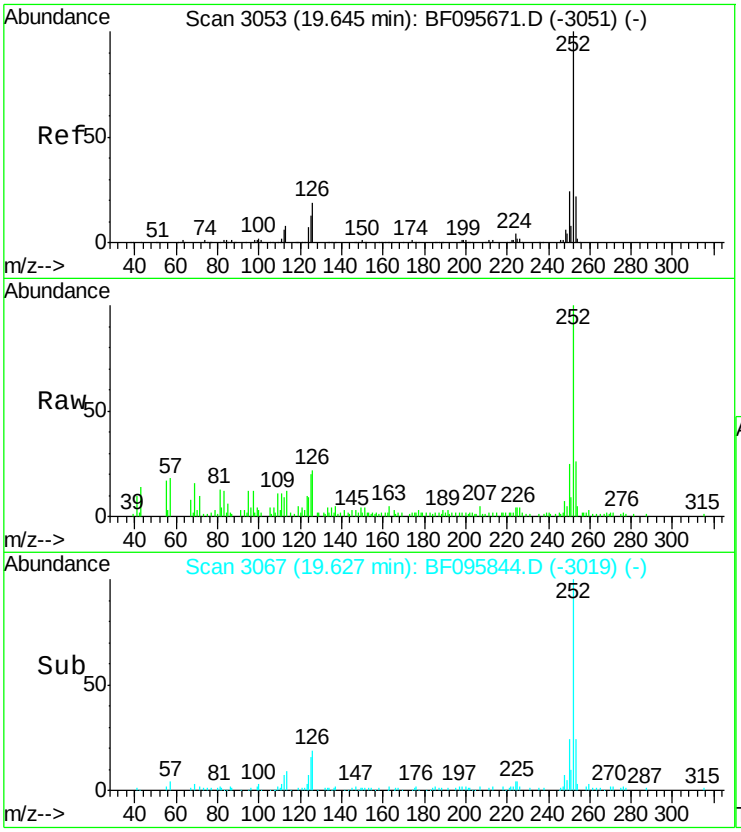


#87
Benzo(b)fluoranthene
Concen: 11.98 ng m
RT: 19.60 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:252 Resp: 86527

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	16.3	9.8	14.8#



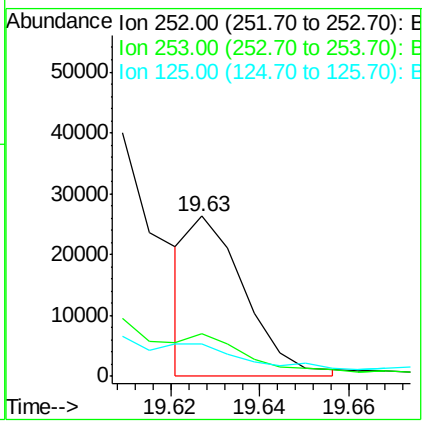


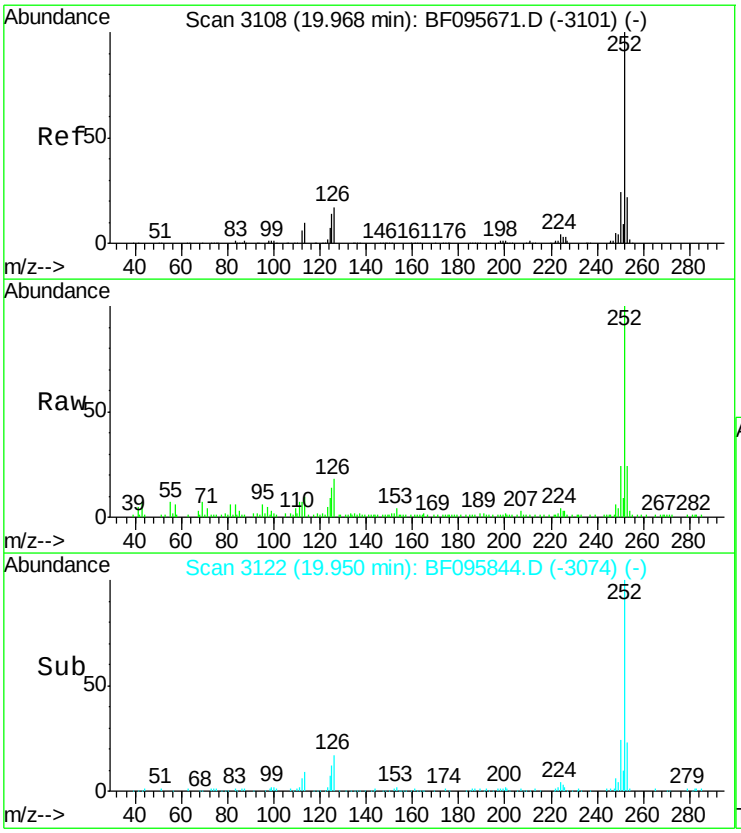
#88
Benzo(k)fluoranthene
Concen: 3.28 ng m
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion:252 Resp: 22625

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.4	27.6
125	20.4	13.1	19.7#

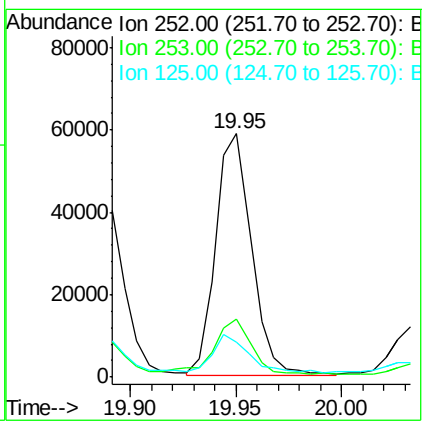


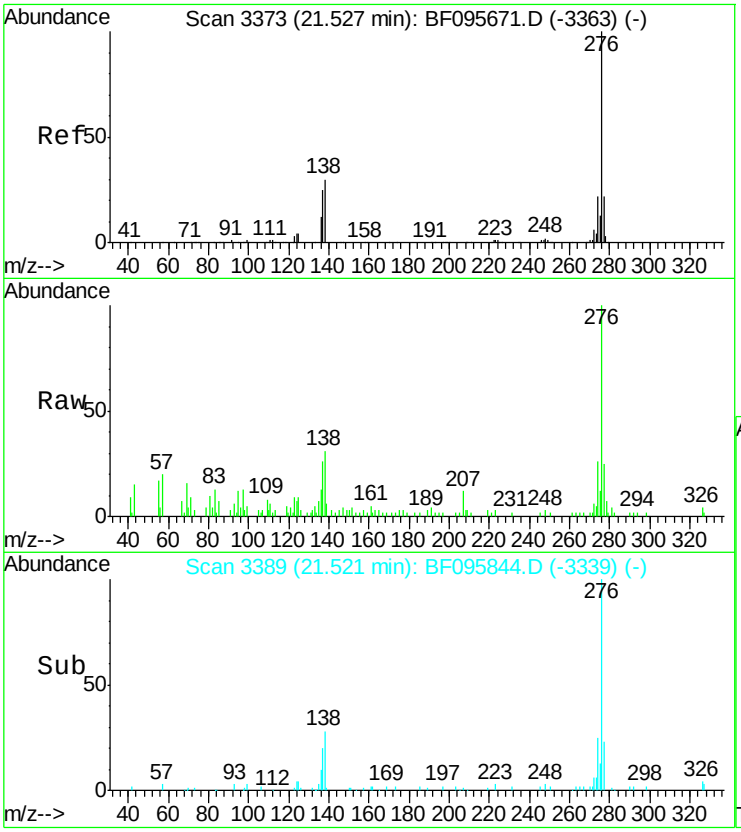


#89
Benzo(a)pyrene
Concen: 10.44 ng
RT: 19.95 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Tgt Ion:252 Resp: 69352

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	14.3	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 5.81 ng
RT: 21.52 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BF095844.D
Acq: 10 Jun 2017 3:24

Instrument :
BNA_F
ClientSampleId :
S-11

Tgt Ion:276 Resp: 33357

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	31.1	25.4	38.0