Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095969.D
Acq On : 16 Jun 2017 22:26
Operator : SJ/MA
Sample : I3684-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 17 00:38:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	67642	20.00	ng		0.00
21) Naphthalene-d8	9.35	136	278036	20.00	ng		0.00
38) Acenaphthene-d10	12.17	164	125735	20.00	ng		-0.01
63) Phenanthrene-d10	14.56	188	205398	20.00	ng		0.00
75) Chrysene-d12	18.29	240	133330	20.00	ng		-0.01
86) Perylene-d12	19.96	264	134582	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	353854	83.36	ng		0.00
7) Phenol-d6	6.89	99	535635	105.40	ng		-0.02
23) Nitrobenzene-d5	8.24	82	327686	73.19	ng		-0.01
41) 2,4,6-Tribromophenol	13.47	330	56310	50.62	ng		-0.01
44) 2-Fluorobiphenyl	11.13	172	641498	71.00	ng		0.00
78) Terphenyl-d14	16.94	244	429882	80.02	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.24	70	41185	12.79	ng	#	77
49) Dimethylphthalate	11.83	163	70543	7.39	ng		98
70) Phenanthrene	14.60	178	52472	4.43	ng		96
74) Fluoranthene	16.39	202	77030	6.57	ng		96
77) Pyrene	16.69	202	66672	6.70	ng	#	94
80) Benzo(a)anthracene	18.28	228	27140	3.50	ng		96
82) Chrysene	18.33	228	27144	3.50	ng		96
85) Indeno(1,2,3-cd)pyrene	21.14	276	17001	2.56	ng		95
87) Benzo(b)fluoranthene	19.56	252	37934	4.50	ng	#	93
88) Benzo(k)fluoranthene	19.56	252	37934	4.71	ng		96
89) Benzo(a)pyrene	19.91	252	27629	3.57	ng		98
91) Benzo(g,h,i)perylene	21.47	276	16243	2.42	ng		98

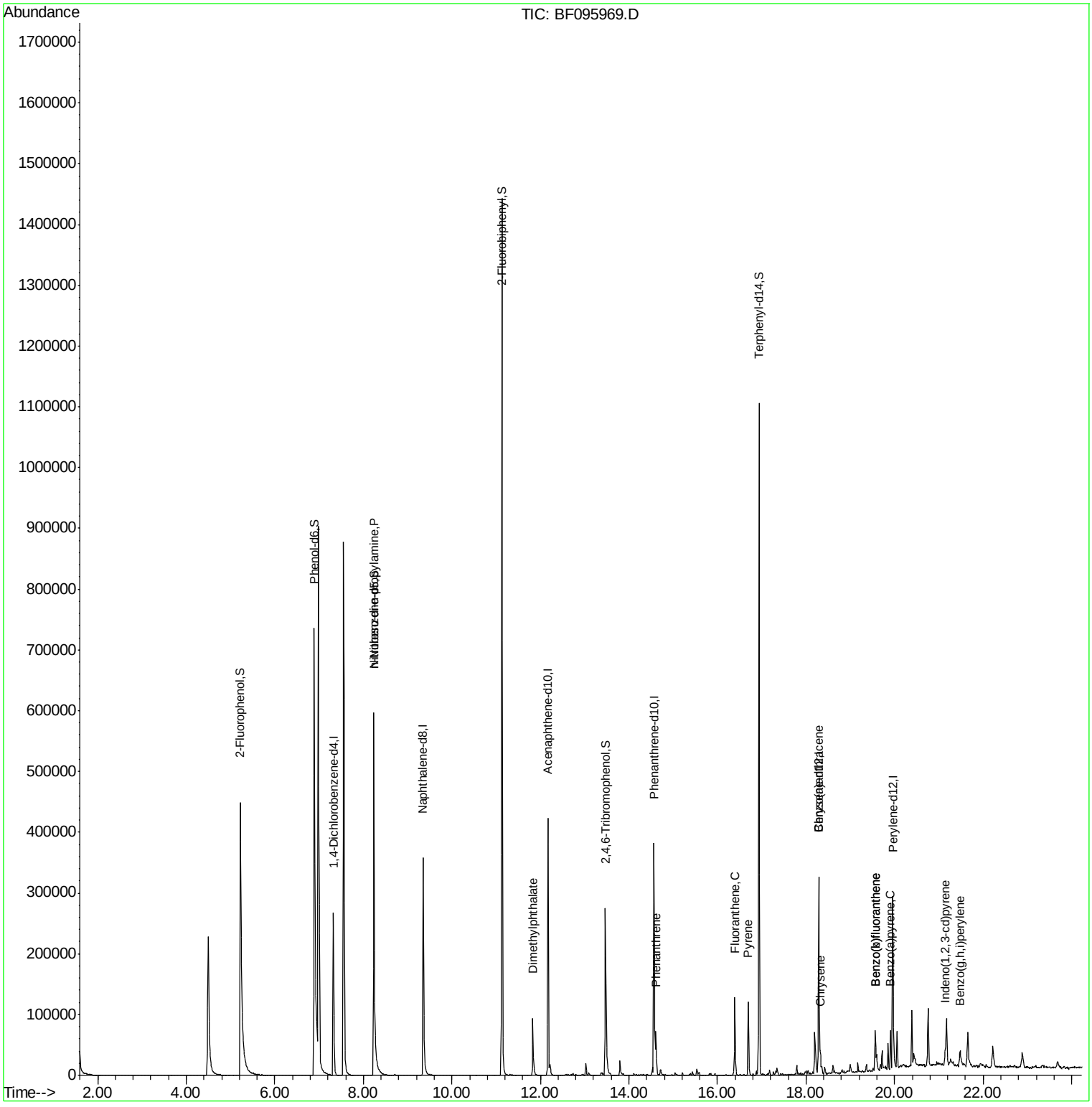
(#) = qualifier out of range (m) = manual integration (+) = signals summed

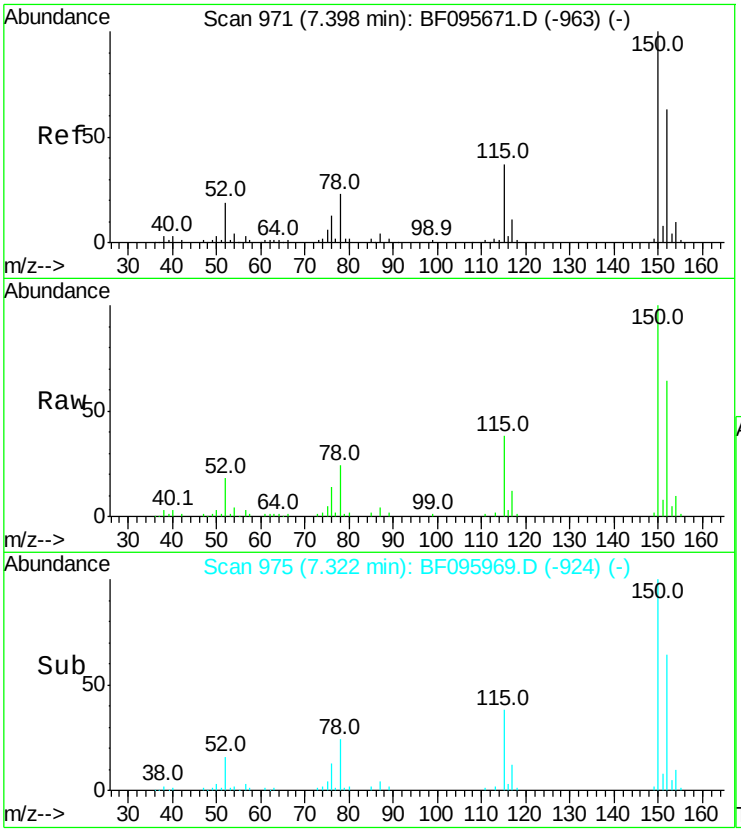
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095969.D
Acq On : 16 Jun 2017 22:26
Operator : SJ/MA
Sample : I3684-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 17 00:38:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration



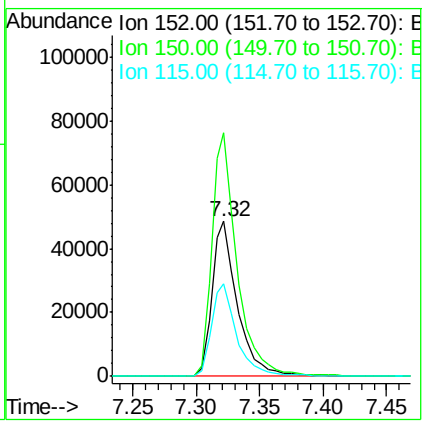


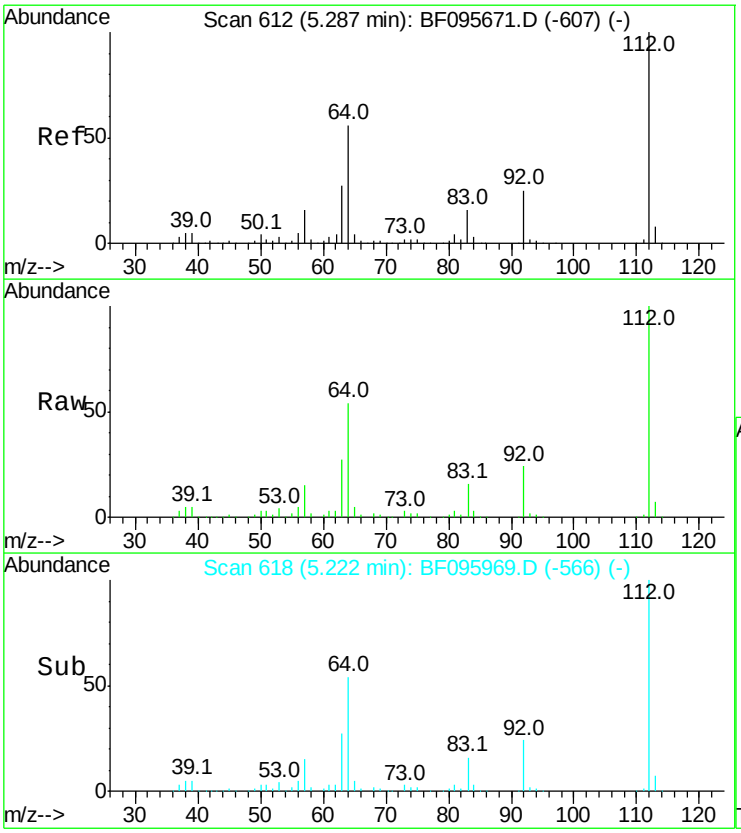
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 67642

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	59.9	52.2	78.2

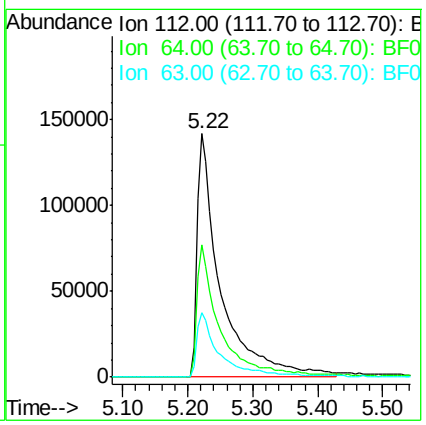


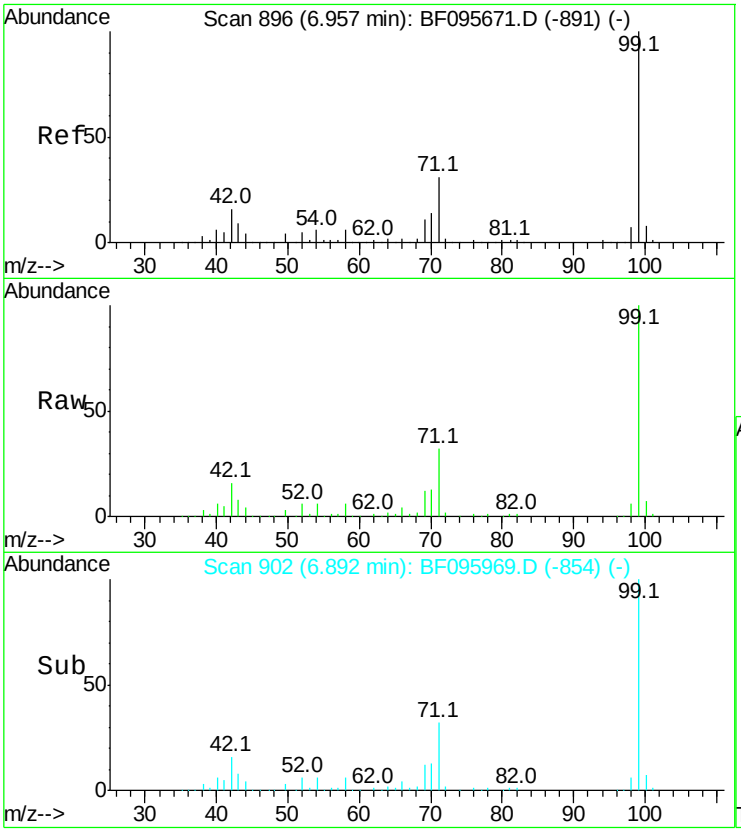


#5
2-Fluorophenol
Concen: 83.36 ng
RT: 5.22 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion:112 Resp: 353854

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	26.6	23.4	35.0



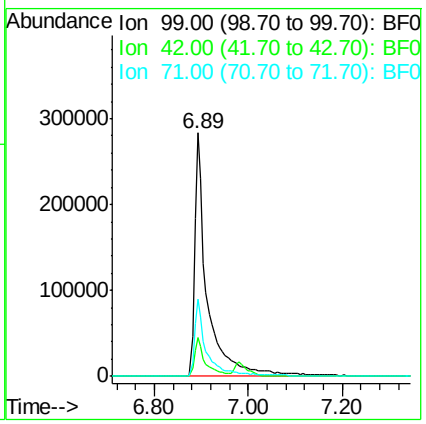


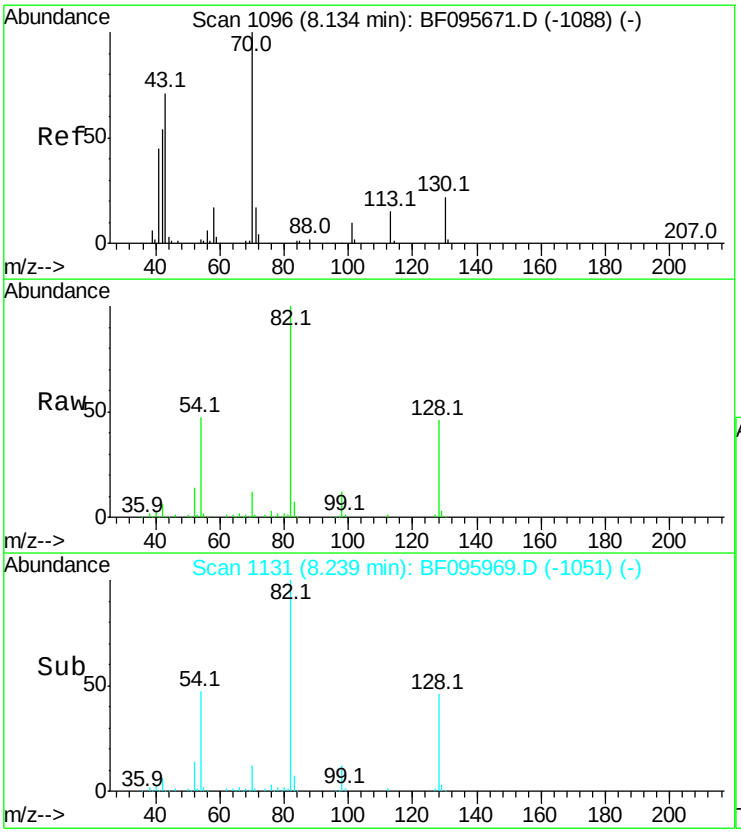
#7
Phenol-d6
Concen: 105.40 ng
RT: 6.89 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 535635

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	31.7	24.5	36.7

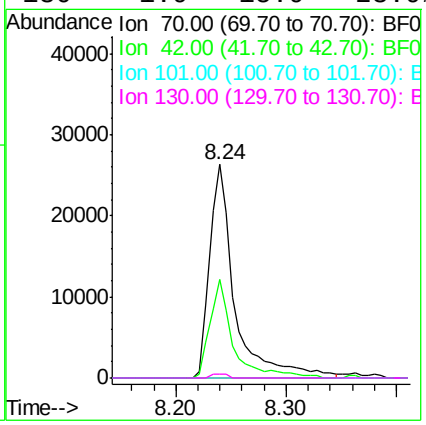


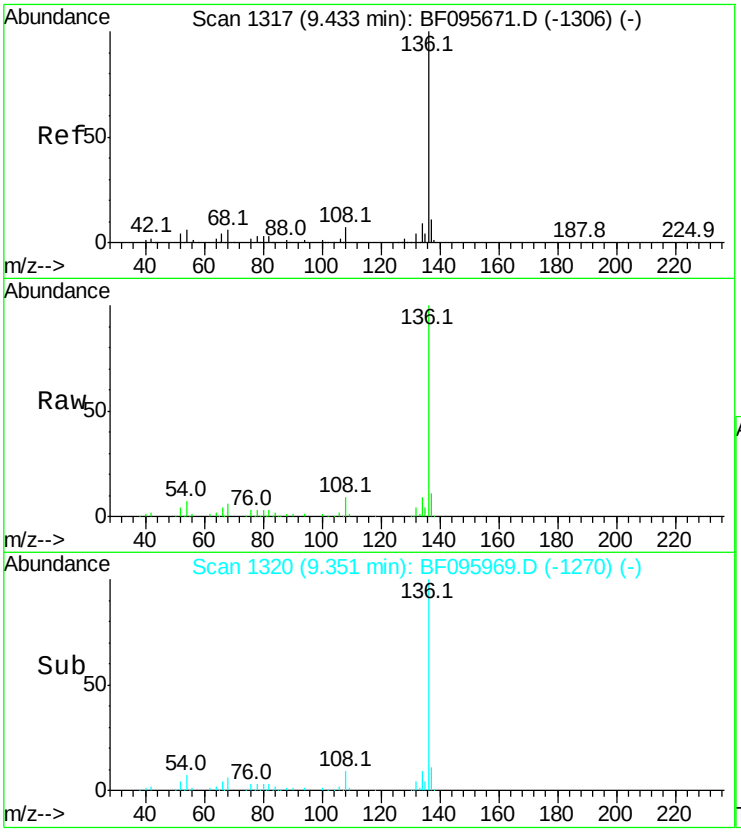


#19
n-Nitroso-di-n-propylamine
Concen: 12.79 ng
RT: 8.24 min Scan# 1131
Delta R.T. 0.17 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion: 70 Resp: 41185

Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.2	70.8#
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



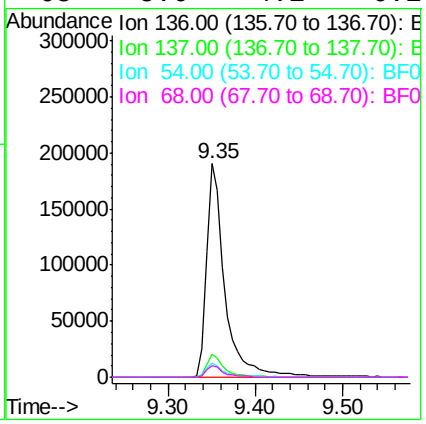


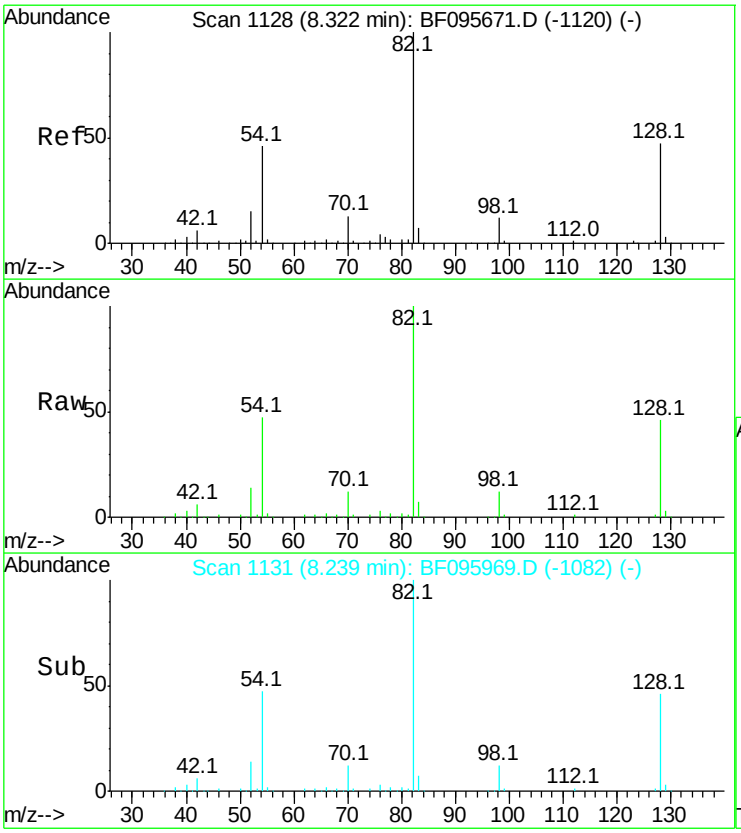
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.35 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 278036

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.8	4.9	7.3
68	5.6	4.1	6.1

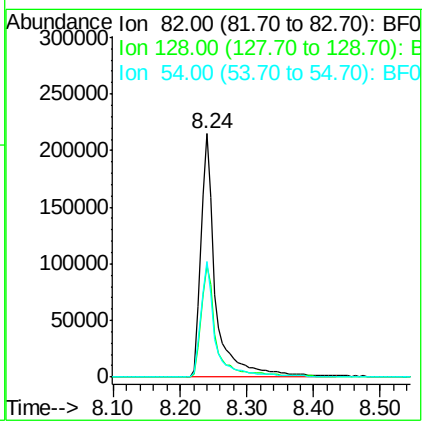


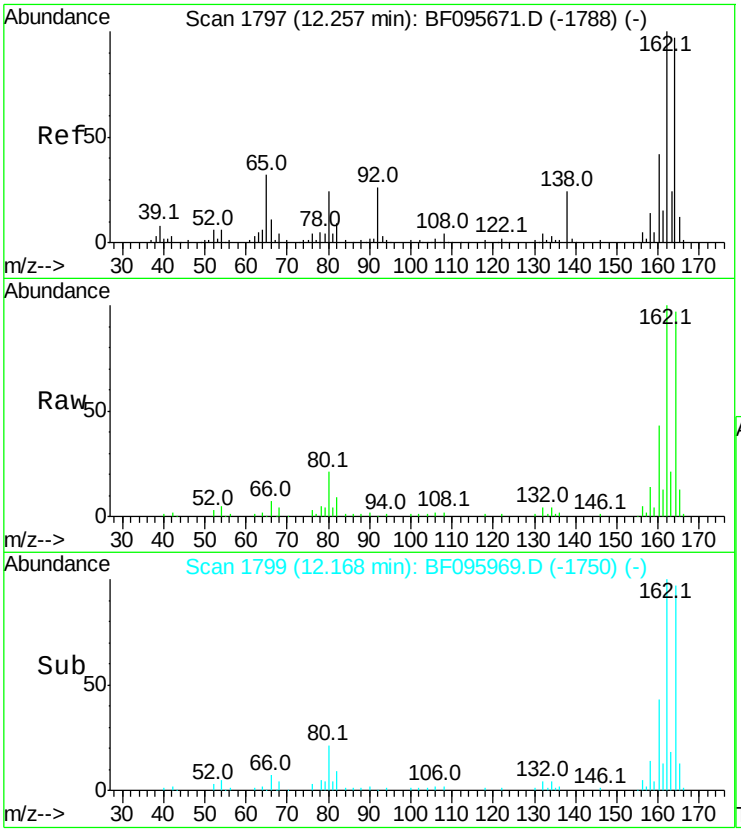


#23
Nitrobenzene-d5
Concen: 73.19 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion: 82 Resp: 327686

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	47.3	42.2	63.2



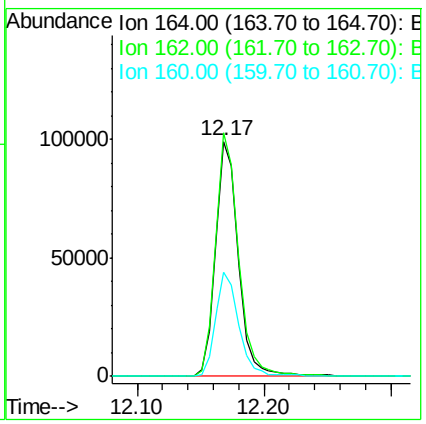


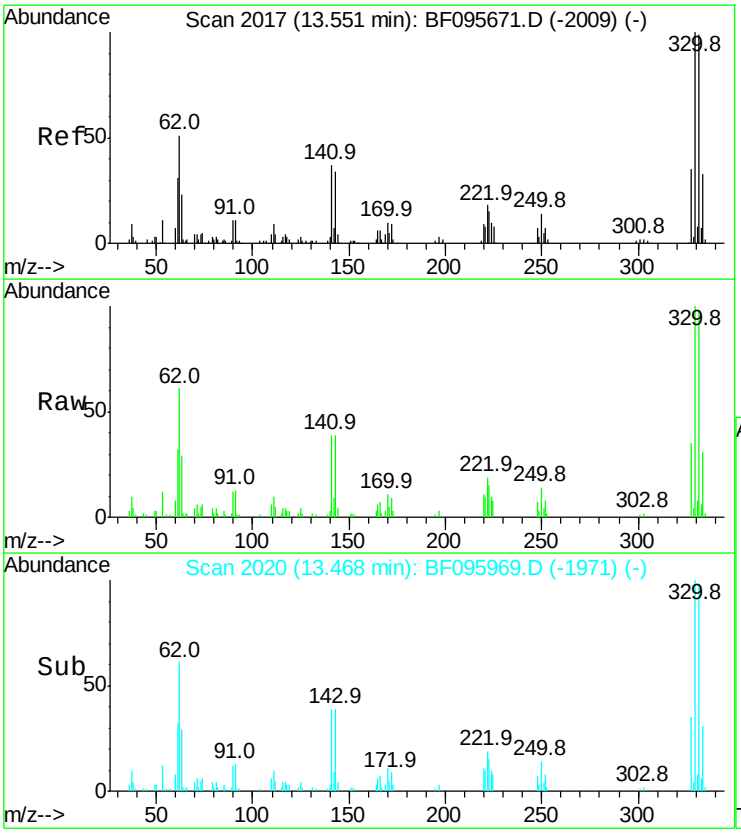
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 125735

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	44.3	36.2	54.2

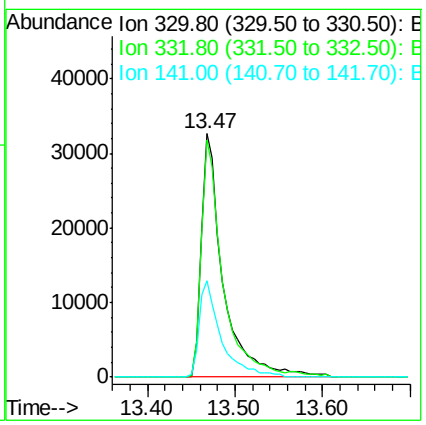


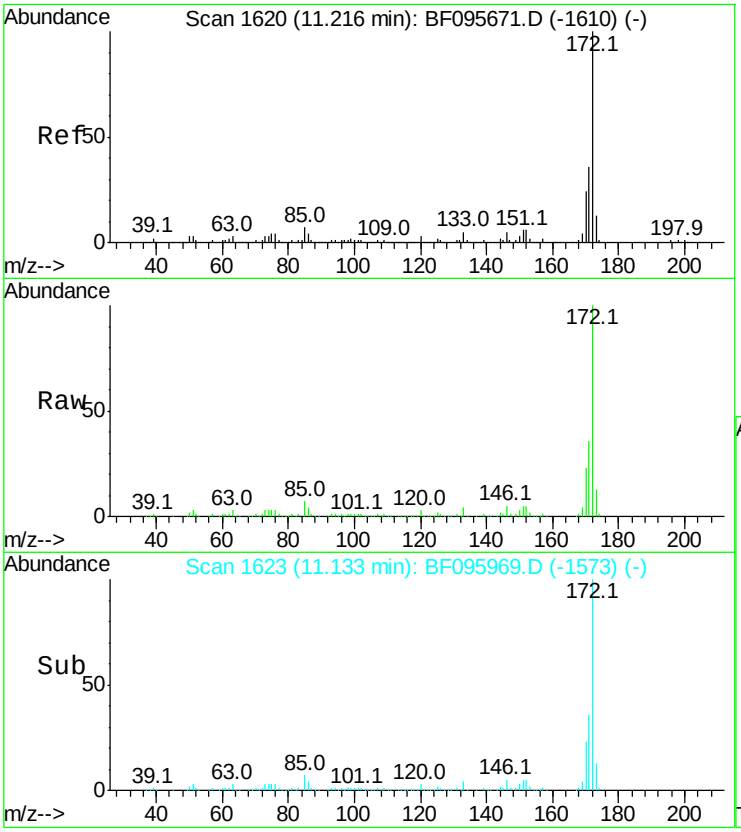


#41
2,4,6-Tribromophenol
Concen: 50.62 ng
RT: 13.47 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion:330 Resp: 56310

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	39.6	31.4	47.2



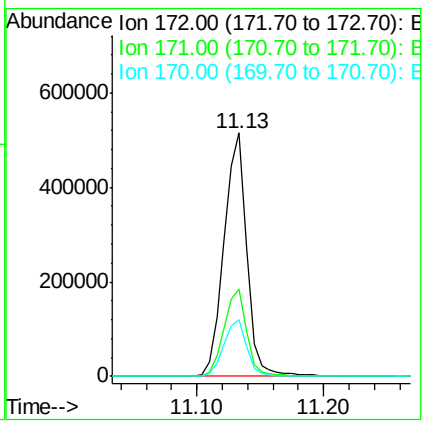


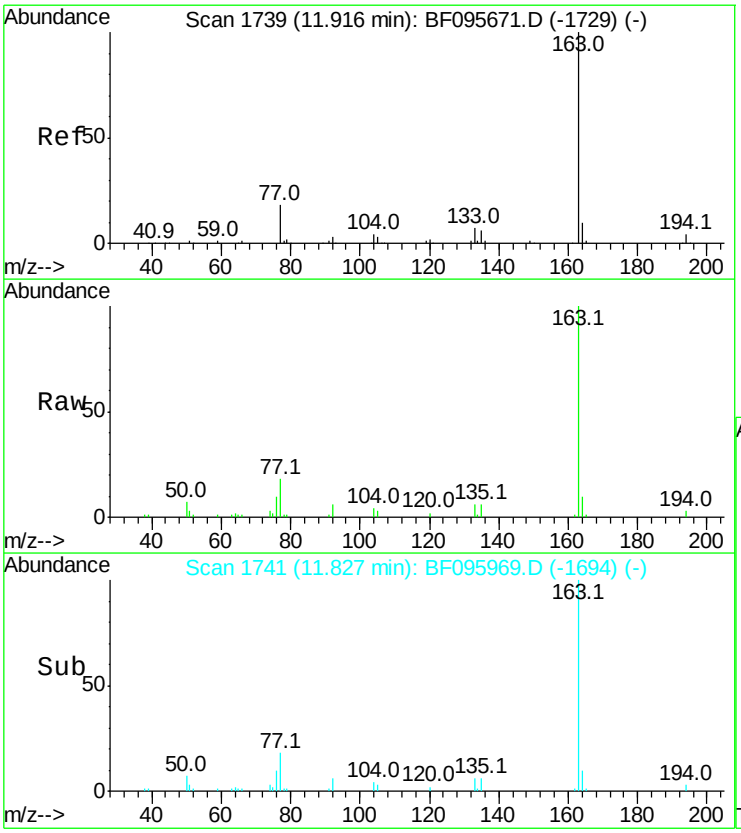
#44
2-Fluorobiphenyl
Concen: 71.00 ng
RT: 11.13 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 641498

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.5	19.8	29.8

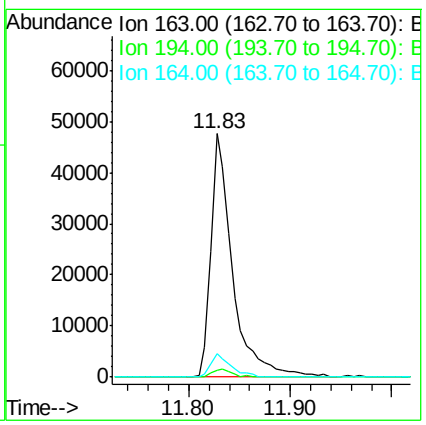


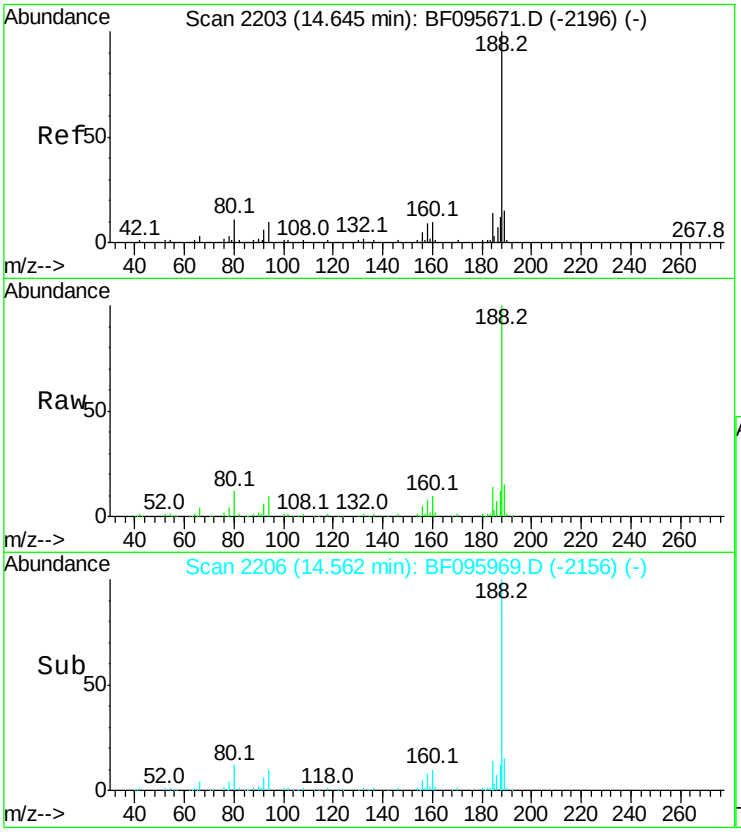


#49
Dimethylphthalate
Concen: 7.39 ng
RT: 11.83 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion:163 Resp: 70543

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.8	8.4	12.6



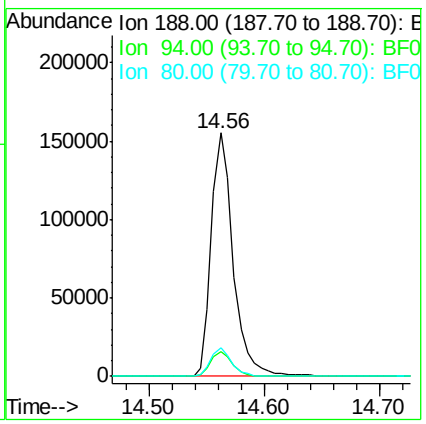


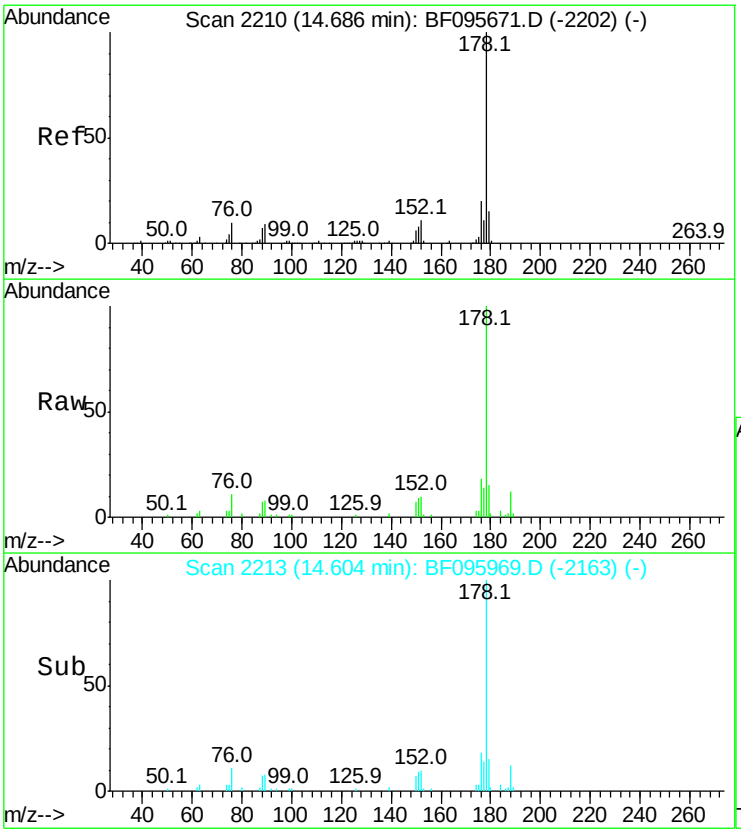
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 205398

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.6	10.2	15.2

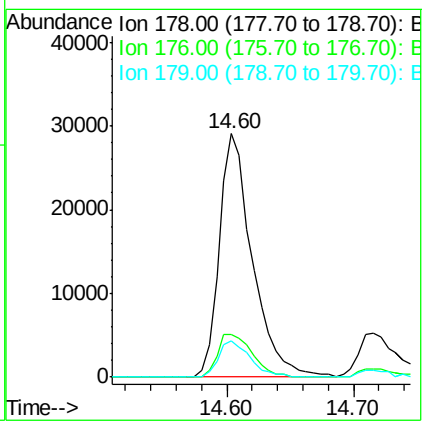


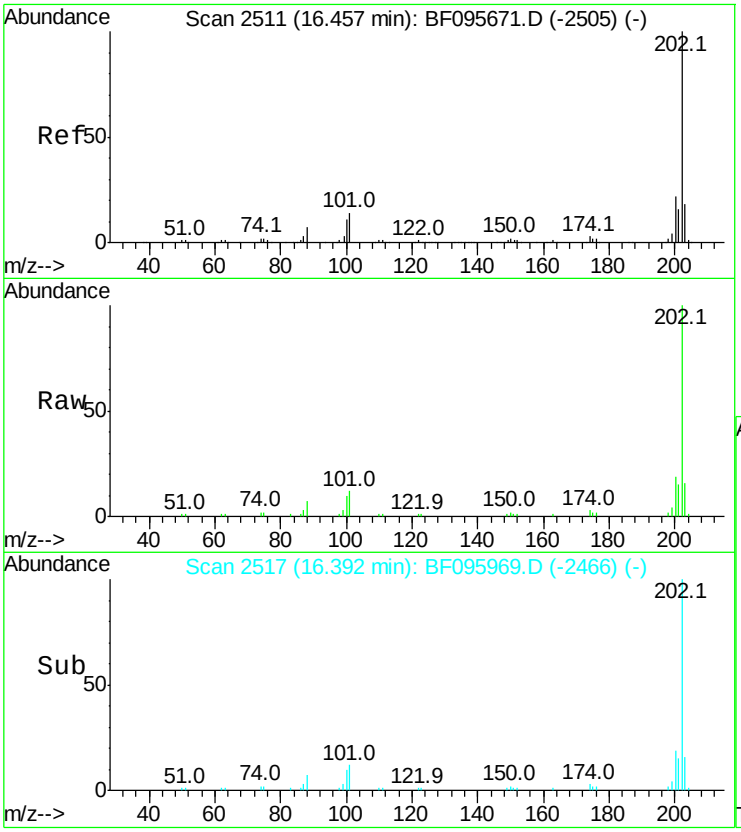


#70
Phenanthrene
Concen: 4.43 ng
RT: 14.60 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion:178 Resp: 52472

Ion	Ratio	Lower	Upper
178	100		
176	17.5	16.2	24.4
179	15.1	12.6	19.0



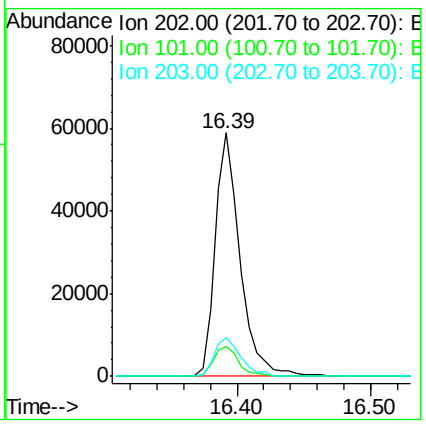


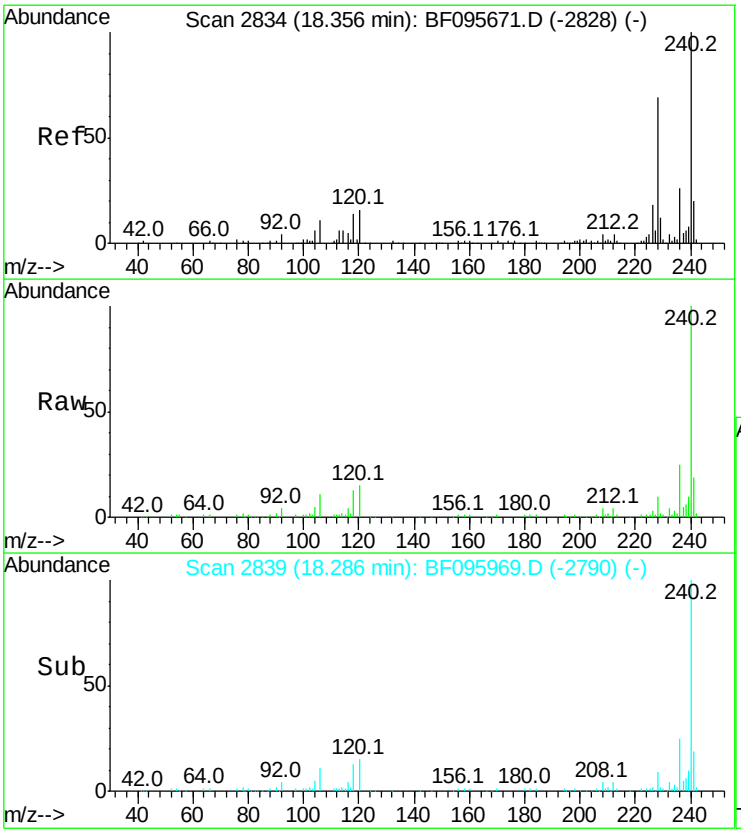
#74
Fluoranthene
Concen: 6.57 ng
RT: 16.39 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 77030

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.2
203	16.0	0.0	38.1

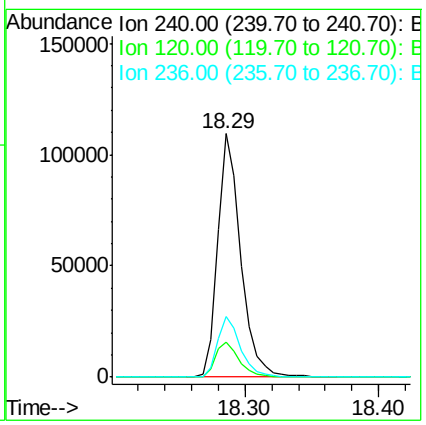


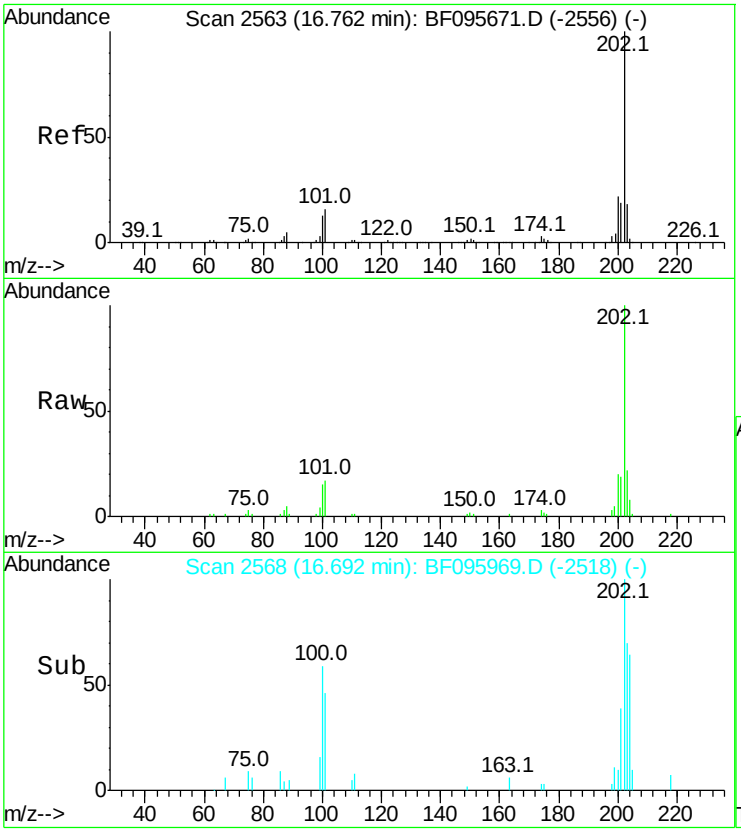


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion:240 Resp: 133330

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	24.8	20.5	30.7



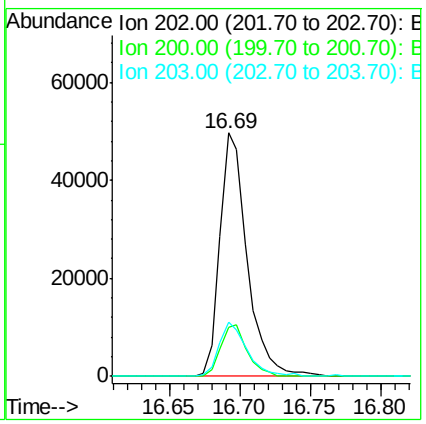


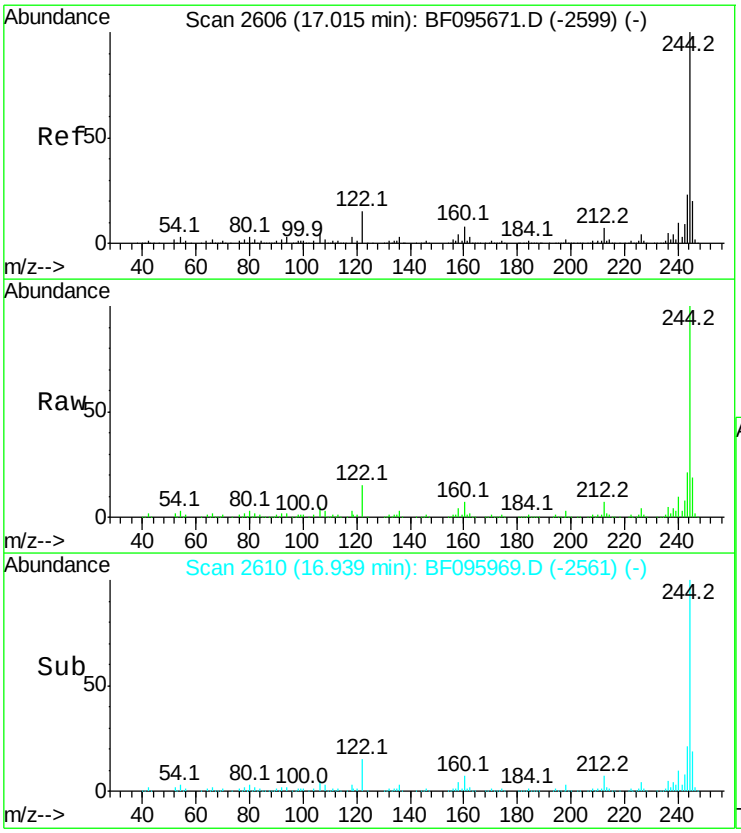
#77
Pyrene
Concen: 6.70 ng
RT: 16.69 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 66672

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	22.4	14.4	21.6#

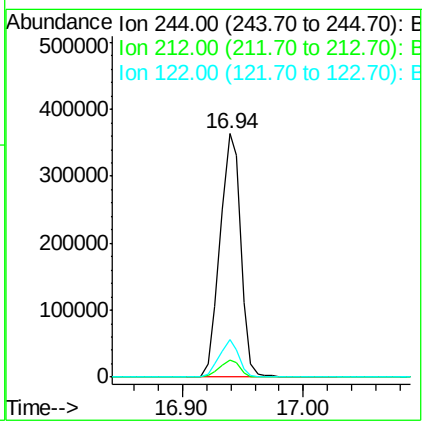


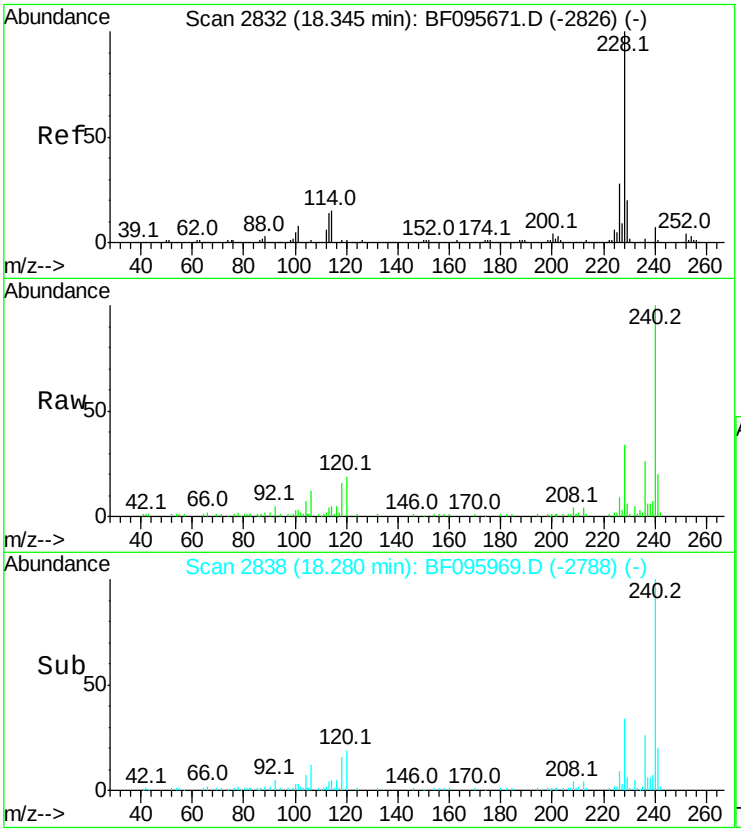


#78
Terphenyl-d14
Concen: 80.02 ng
RT: 16.94 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion:244 Resp: 429882

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.4	10.3	15.5



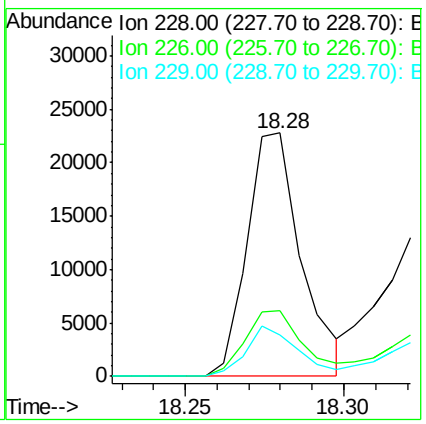


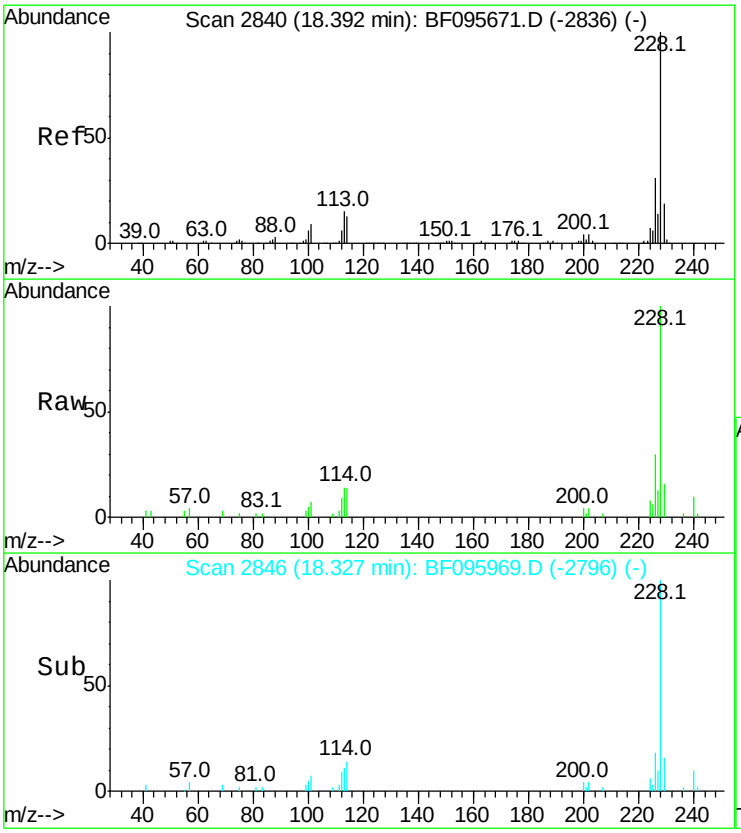
#80
Benzo(a)anthracene
Concen: 3.50 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 27140

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	16.8	16.3	24.5

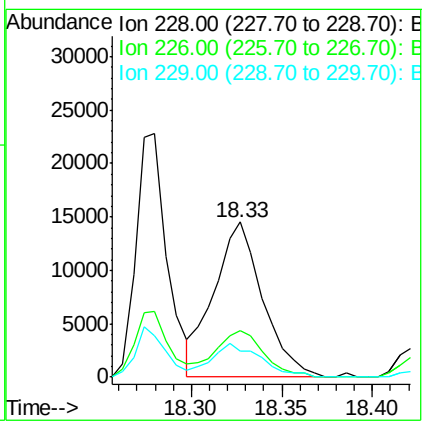


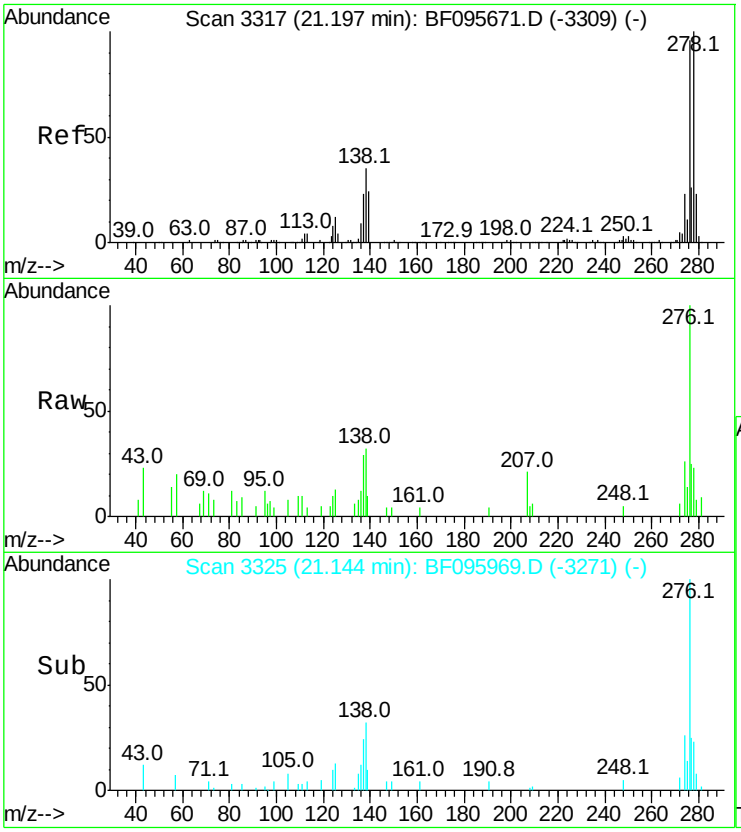


#82
Chrysene
Concen: 3.50 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion:228 Resp: 27144

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	16.5	15.8	23.6



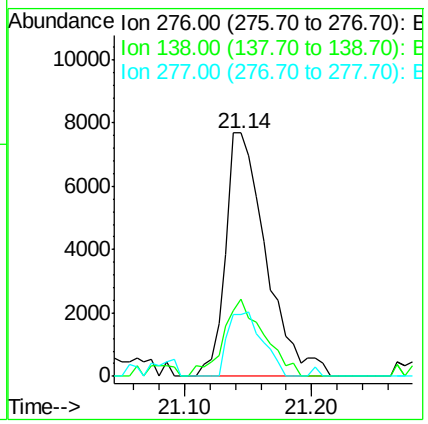


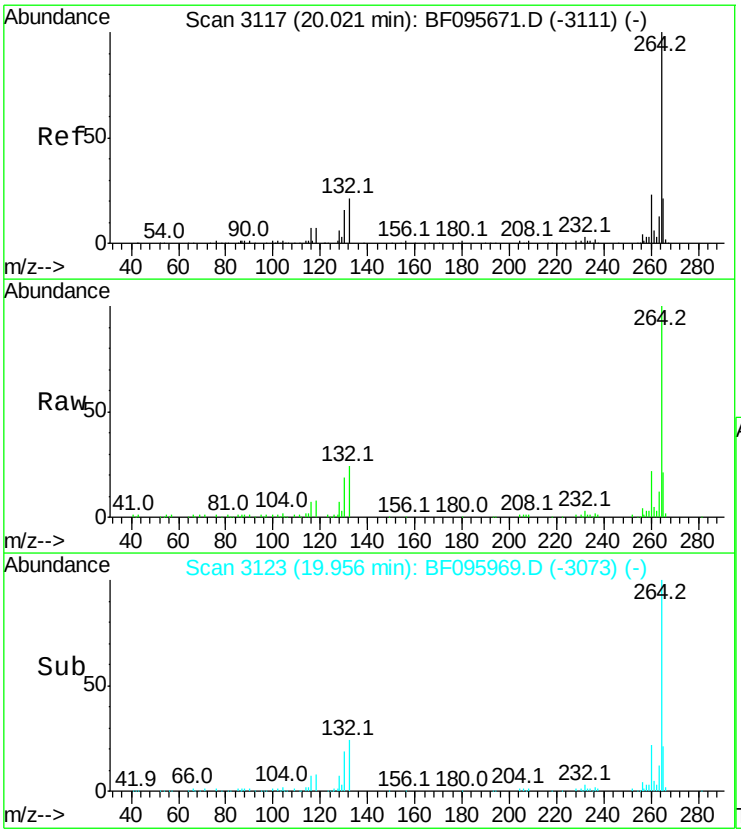
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.56 ng
RT: 21.14 min Scan# 3325
Delta R.T. 0.02 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 17001

Ion	Ratio	Lower	Upper
276	100		
138	31.8	27.8	41.6
277	22.5	20.2	30.4

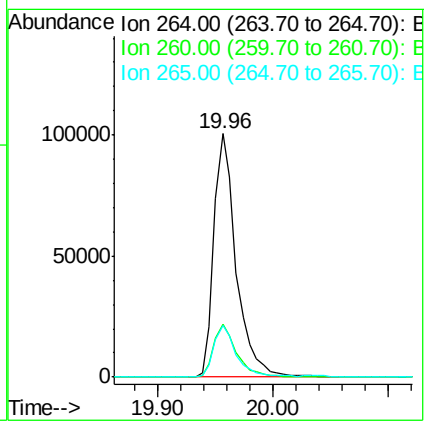


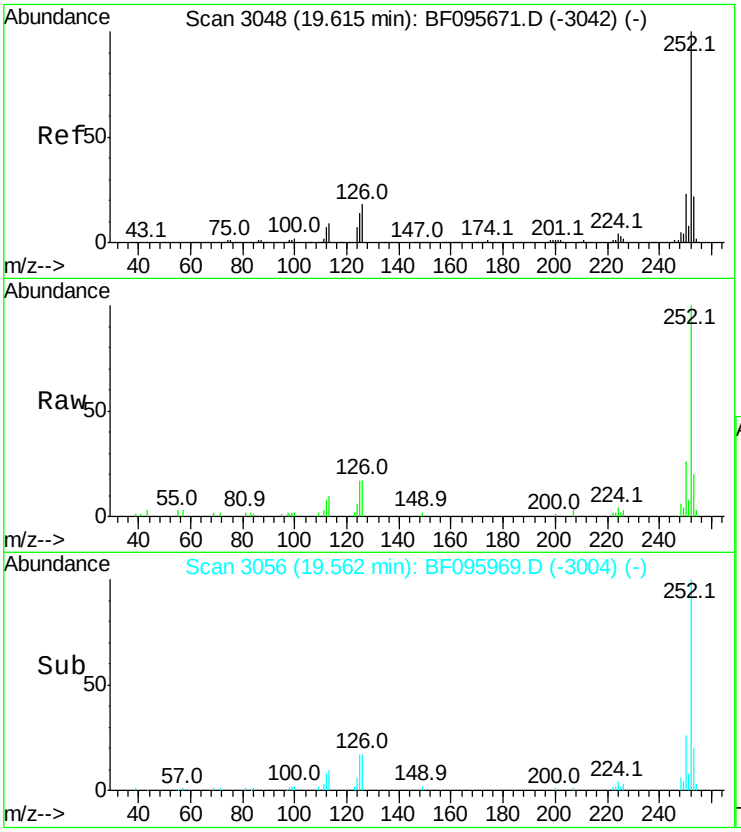


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion:264 Resp: 134582

Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.5	29.3
265	20.9	17.2	25.8



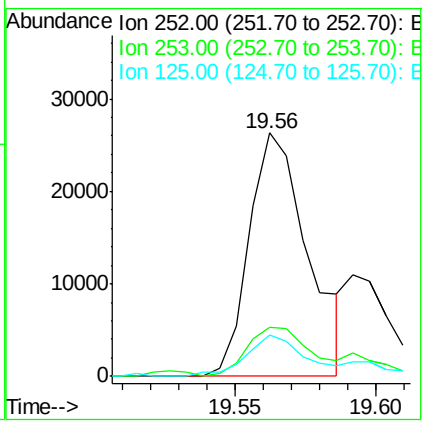


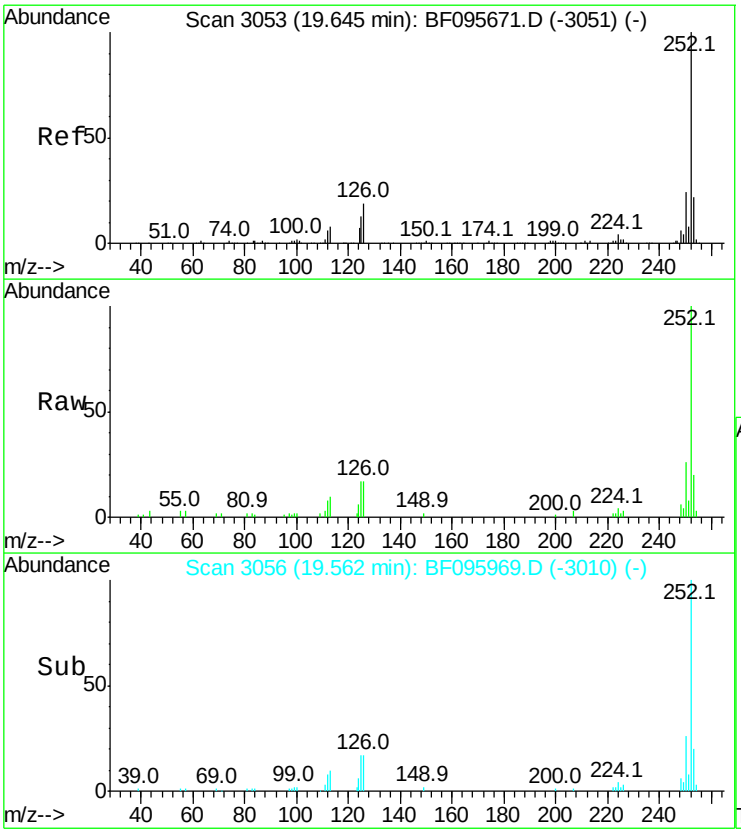
#87
Benzo(b)fluoranthene
Concen: 4.50 ng
RT: 19.56 min Scan# 3056
Delta R.T. 0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 37934

Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.1	27.1
125	16.8	9.8	14.8#

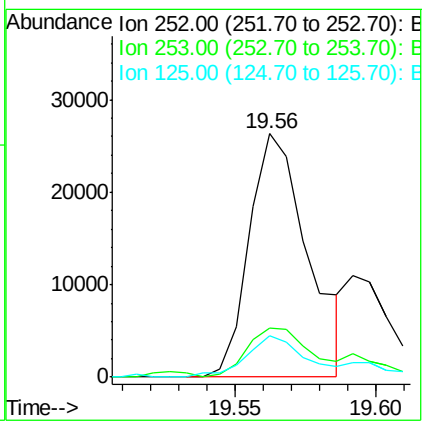


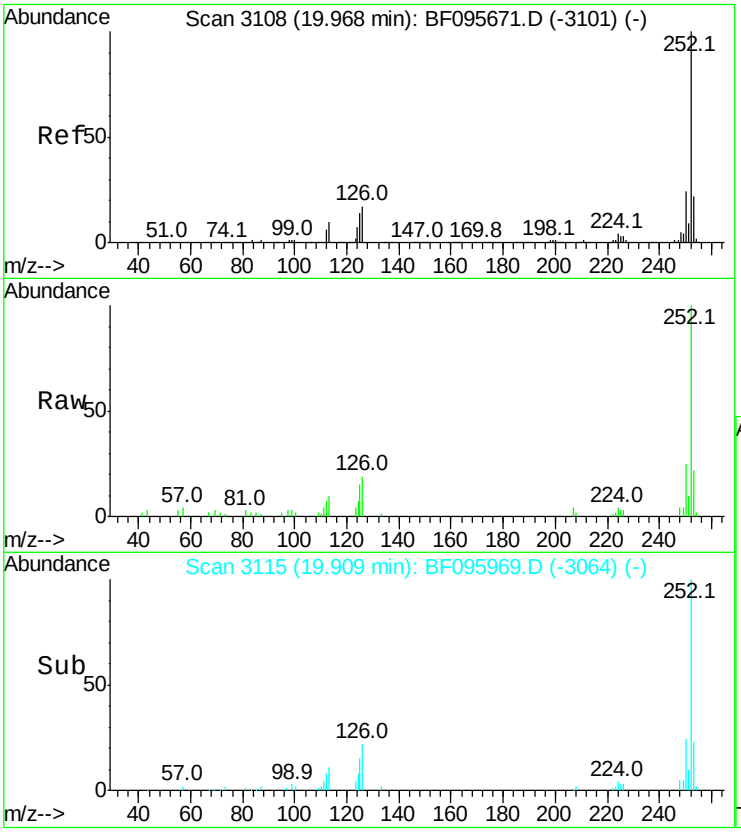


#88
Benzo(k)fluoranthene
Concen: 4.71 ng
RT: 19.56 min Scan# 3056
Delta R.T. -0.03 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion:252 Resp: 37934

Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.4	27.6
125	16.8	13.1	19.7



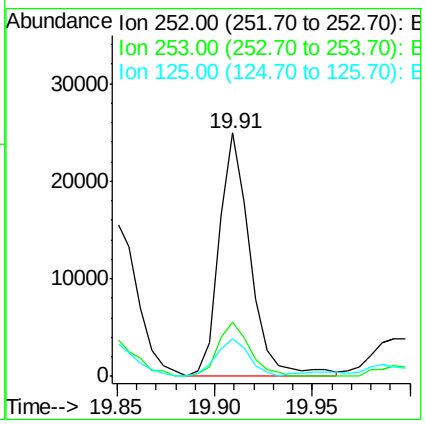


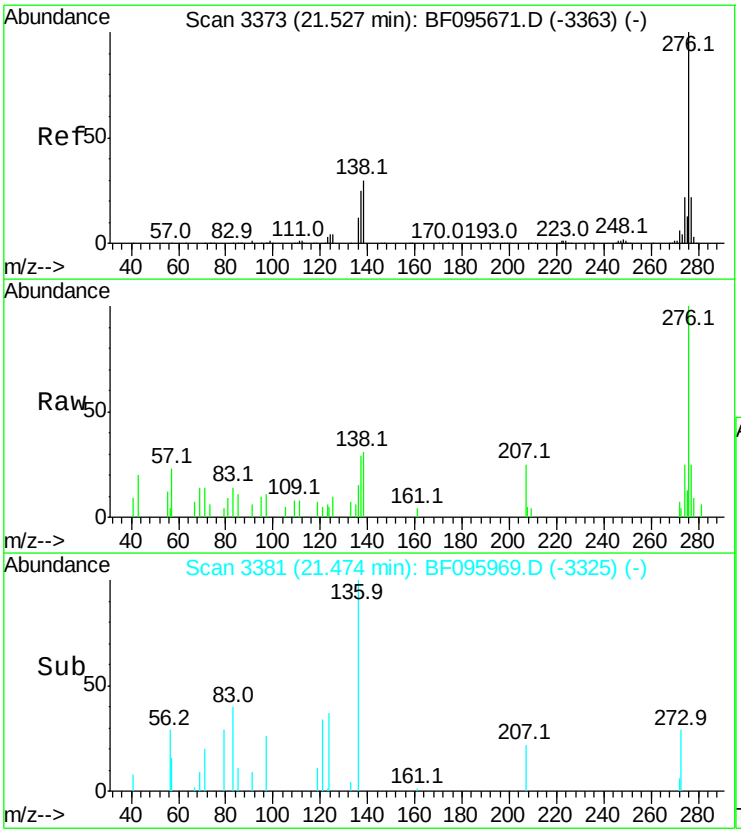
#89
Benzo(a)pyrene
Concen: 3.57 ng
RT: 19.91 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 27629

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.2	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 21.47 min Scan# 3381
Delta R.T. 0.03 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion:276 Resp: 16243

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	31.5	25.4	38.0