Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096114.D
Acq On : 22 Jun 2017 9:05
Operator : SJ/MA
Sample : I3792-01DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 22 10:47:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	68589	20.00	ng		0.00
21) Naphthalene-d8	9.33	136	307743	20.00	ng		0.00
38) Acenaphthene-d10	12.14	164	105866	20.00	ng		0.00
63) Phenanthrene-d10	14.54	188	189566	20.00	ng		0.00
75) Chrysene-d12	18.27	240	162141	20.00	ng		0.00
86) Perylene-d12	19.94	264	97290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1765	0.41	ng		0.26
7) Phenol-d6	7.09	99	2720	0.53	ng		0.22
23) Nitrobenzene-d5	8.36	82	3876	0.78	ng		0.14
41) 2,4,6-Tribromophenol	13.50	330	1827	1.95	ng		0.05
44) 2-Fluorobiphenyl	11.12	172	23621	3.10	ng		0.00
78) Terphenyl-d14	16.92	244	20600	3.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.56	88	56836	27.76	ng	#	22
50) 2,6-Dinitrotoluene	12.14	165	13271	7.57	ng	#	31
55) 4-Nitrophenol	12.52	139	2685	6.75	ng	#	25
70) Phenanthrene	14.57	178	183726	16.80	ng		98
71) Anthracene	14.67	178	65615	5.75	ng		99
74) Fluoranthene	16.36	202	399394	36.89	ng		98
77) Pyrene	16.67	202	339732	28.08	ng		96
80) Benzo(a)anthracene	18.26	228	143953	15.27	ng		97
82) Chrysene	18.30	228	112550	11.95	ng		98
85) Indeno(1,2,3-cd)pyrene	21.11	276	40249	4.99	ng	#	91
87) Benzo(b)fluoranthene	19.54	252	142230	23.35	ng	#	95
88) Benzo(k)fluoranthene	19.54	252	142230	24.43	ng		98
89) Benzo(a)pyrene	19.89	252	78847	14.08	ng		97
91) Benzo(g,h,i)perylene	21.44	276	36064	7.45	ng		100

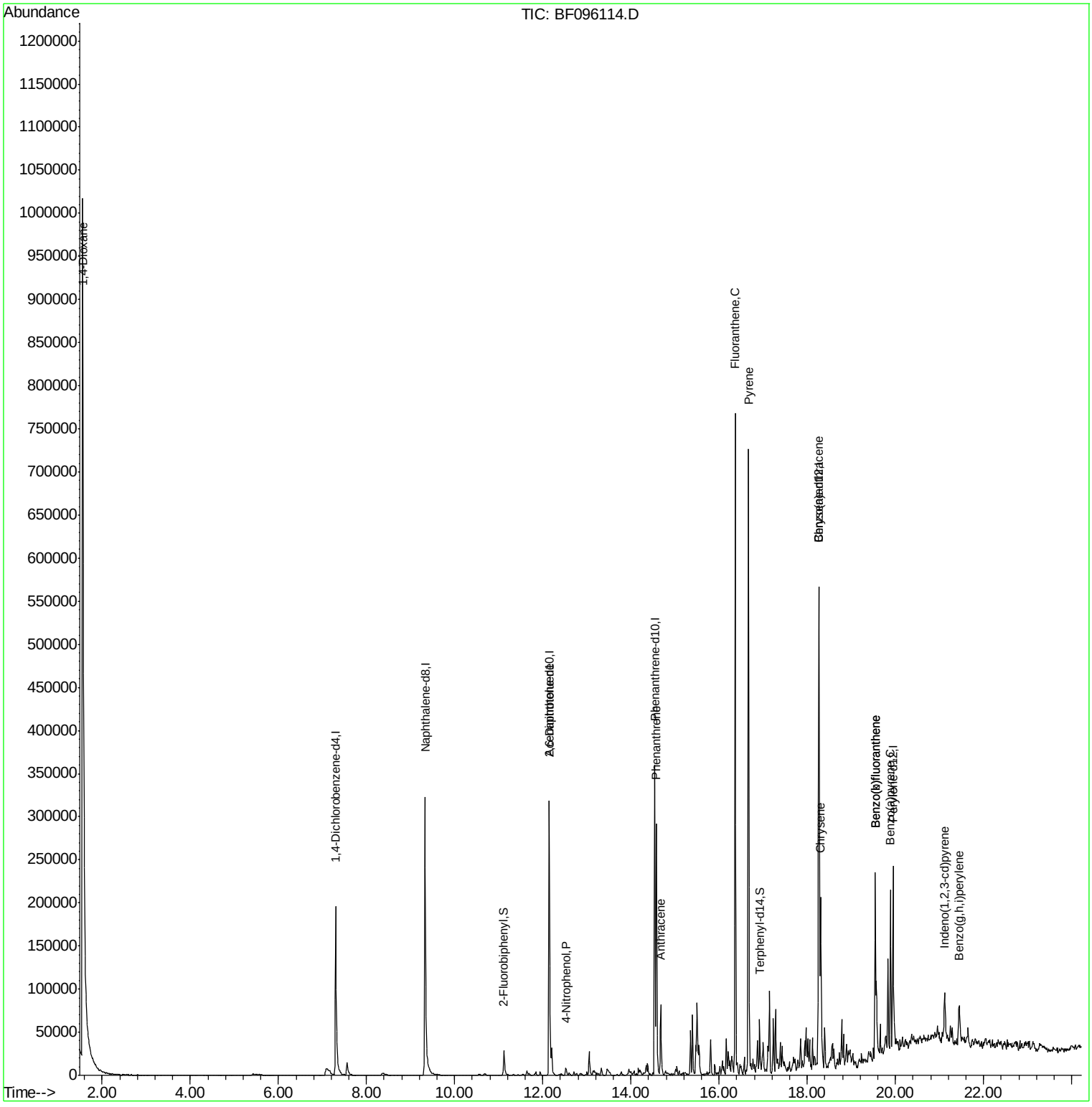
(#) = qualifier out of range (m) = manual integration (+) = signals summed

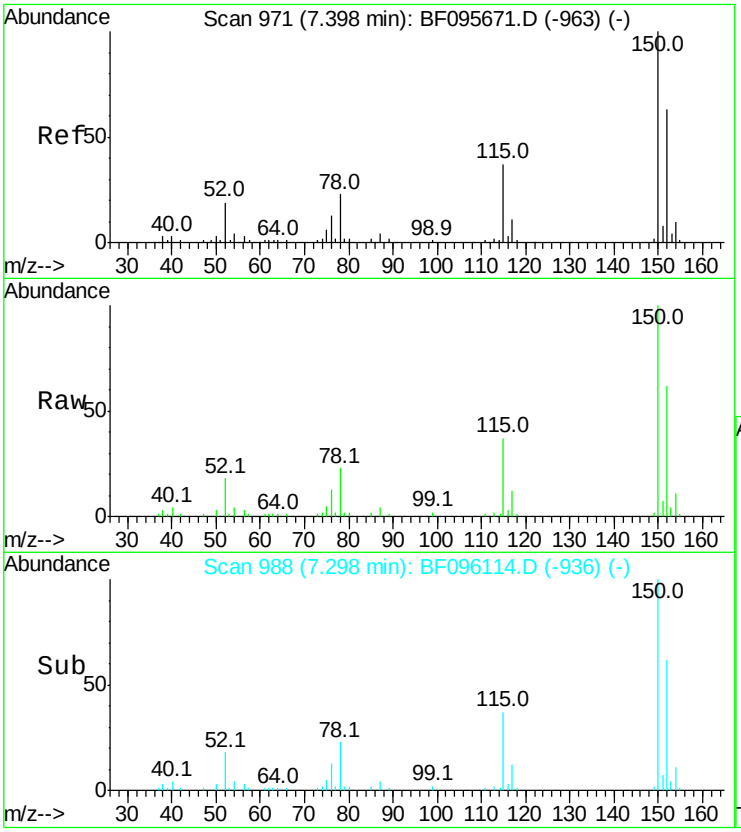
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096114.D
Acq On : 22 Jun 2017 9:05
Operator : SJ/MA
Sample : I3792-01DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 22 10:47:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration



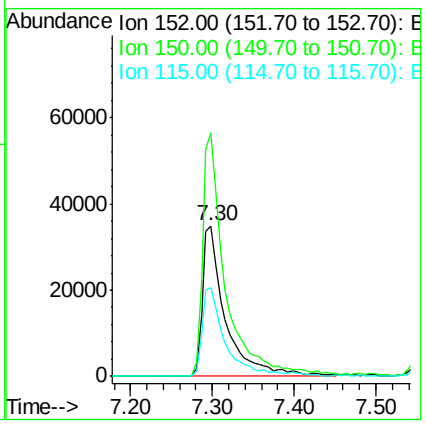


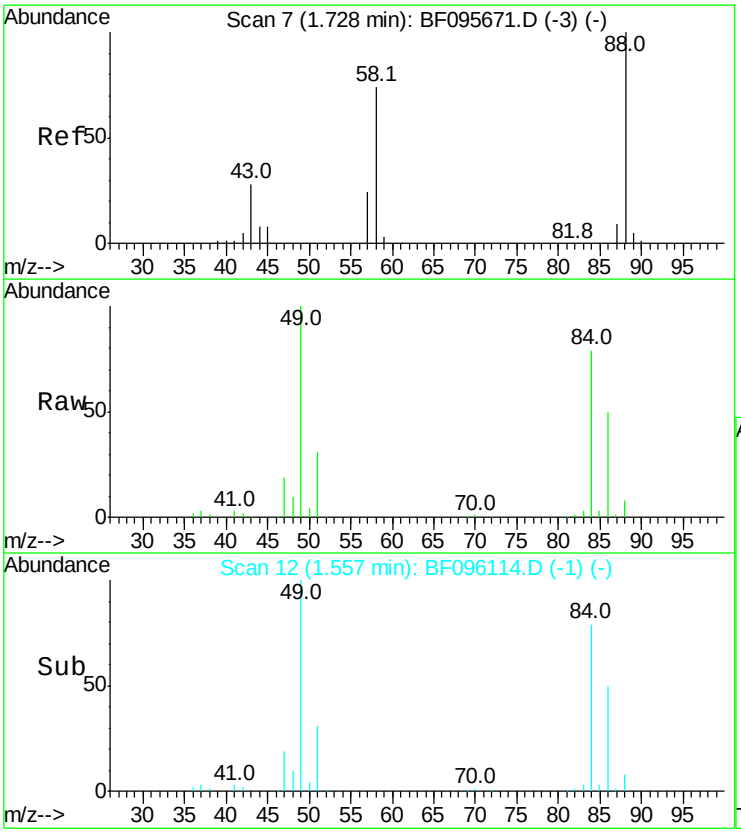
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 68589

Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.2	189.2
115	59.3	52.2	78.2

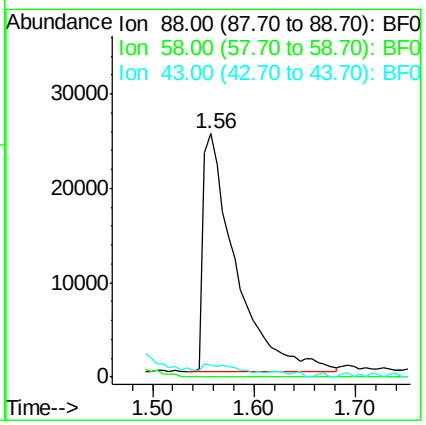


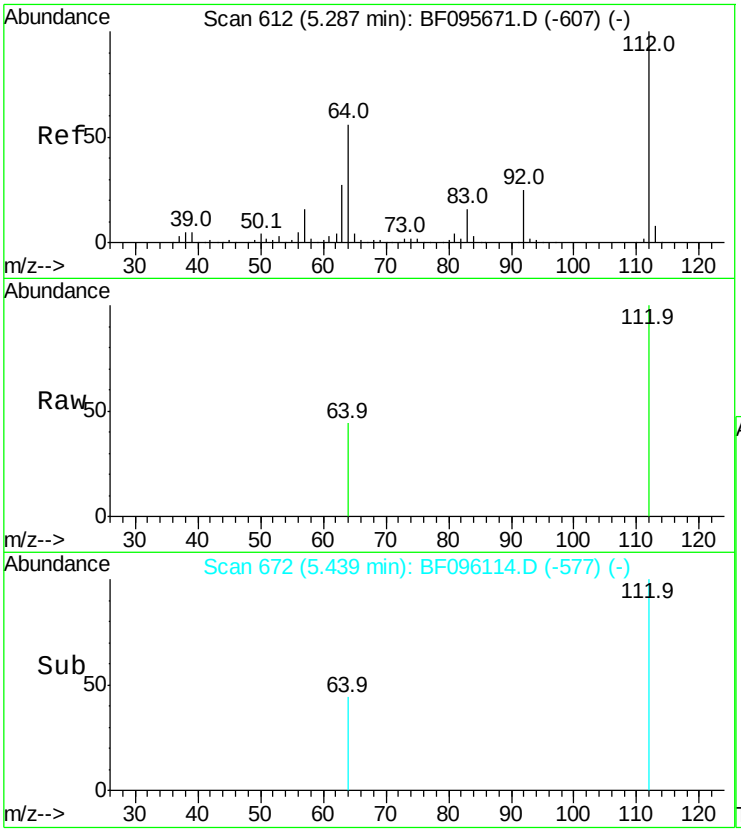


#2
1,4-Dioxane
Concen: 27.76 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion: 88 Resp: 56836

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	3.4	23.4	35.0#



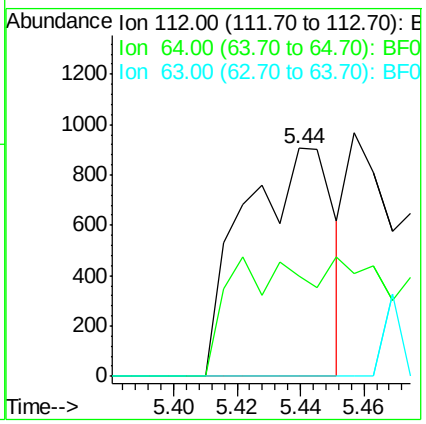


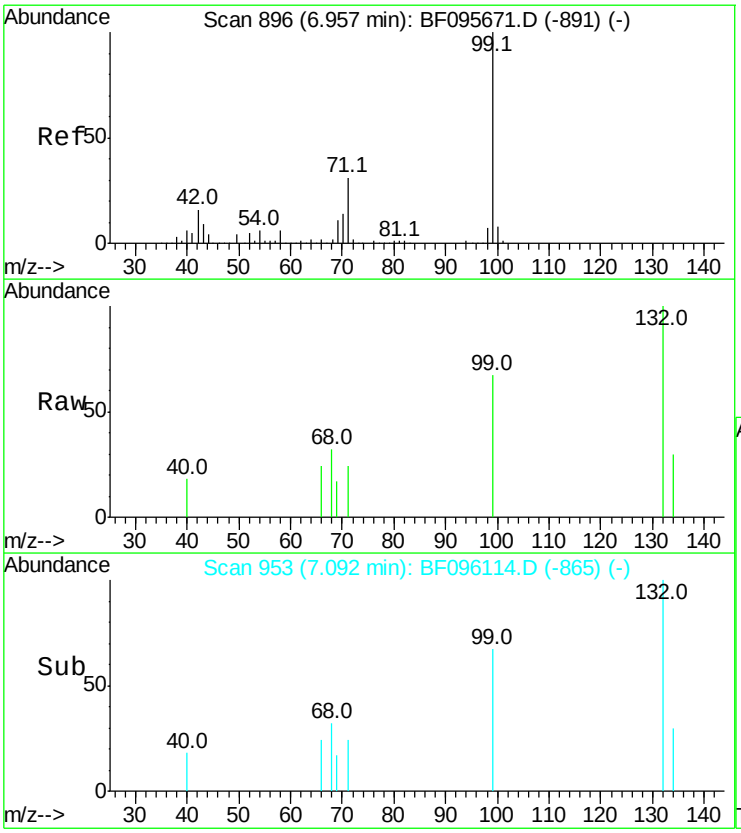
#5
2-Fluorophenol
Concen: 0.41 ng
RT: 5.44 min Scan# 672
Delta R.T. 0.26 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1765

Ion	Ratio	Lower	Upper
112	100		
64	44.2	46.0	69.0#
63	0.0	23.4	35.0#

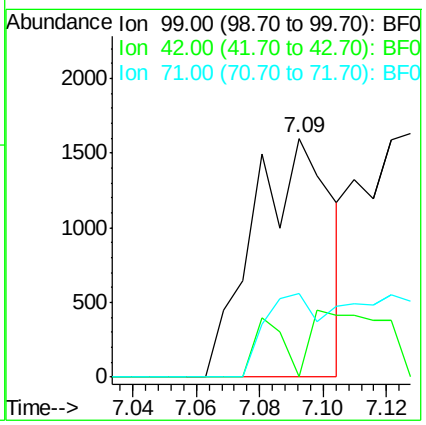


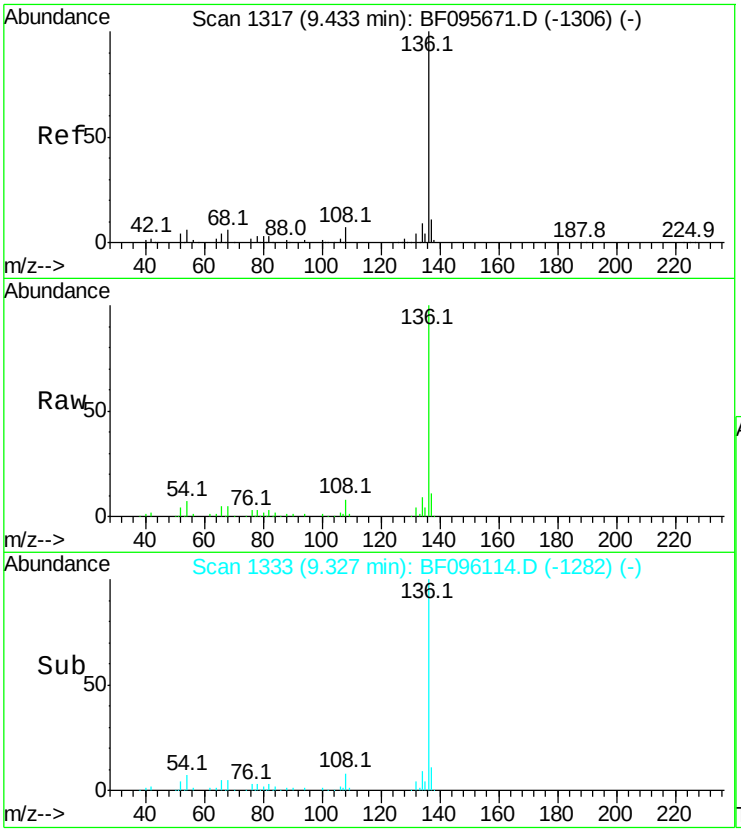


#7
Phenol-d6
Concen: 0.53 ng
RT: 7.09 min Scan# 953
Delta R.T. 0.22 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion: 99 Resp: 2720

Ion	Ratio	Lower	Upper
99	100		
42	0.0	13.5	20.3#
71	35.2	24.5	36.7



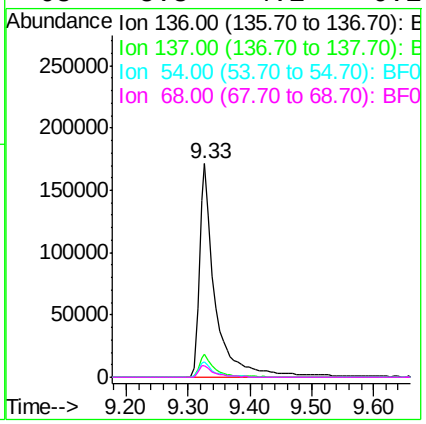


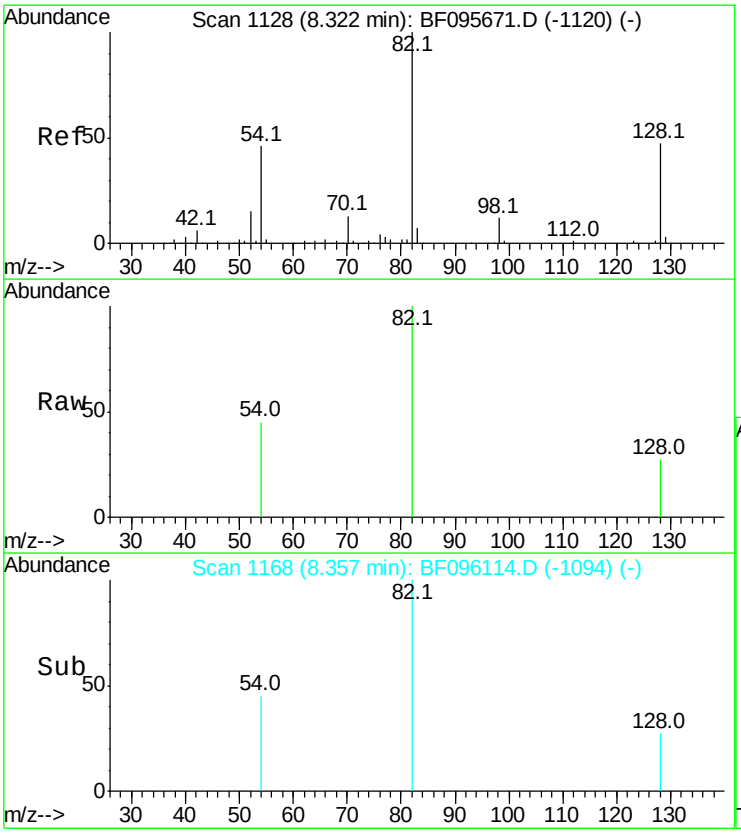
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 307743

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.2	4.9	7.3
68	5.3	4.1	6.1

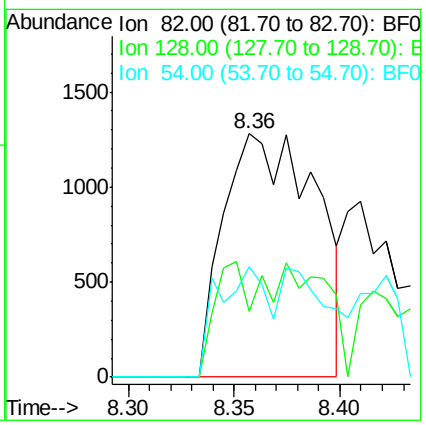


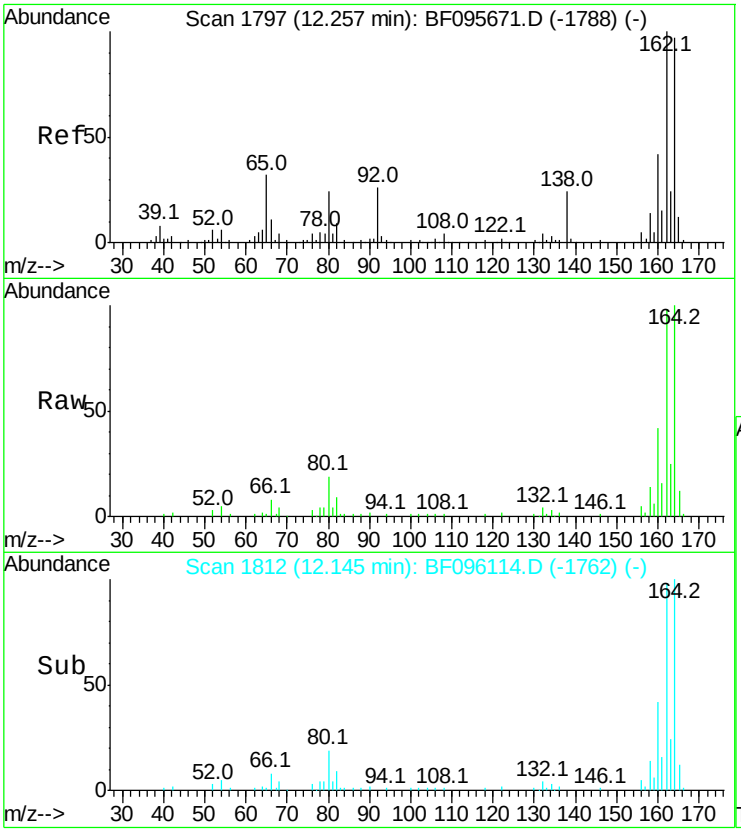


#23
Nitrobenzene-d5
Concen: 0.78 ng
RT: 8.36 min Scan# 1168
Delta R.T. 0.14 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion: 82 Resp: 3876

Ion	Ratio	Lower	Upper
82	100		
128	26.9	34.0	51.0#
54	45.3	42.2	63.2



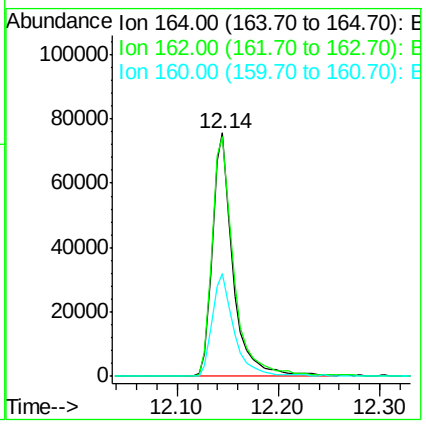


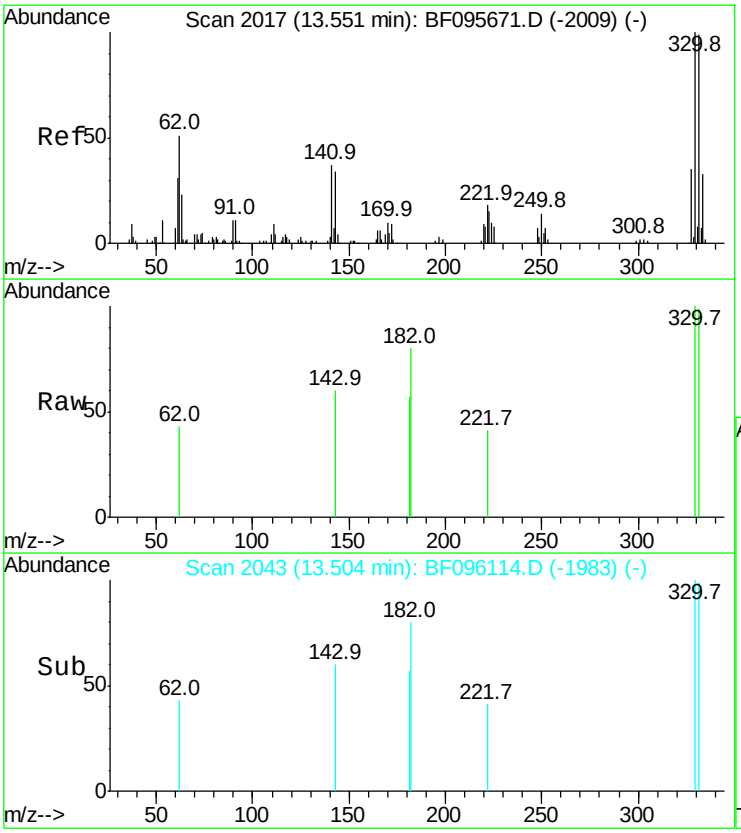
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 105866

Ion	Ratio	Lower	Upper
164	100		
162	98.4	82.6	123.8
160	42.2	36.2	54.2

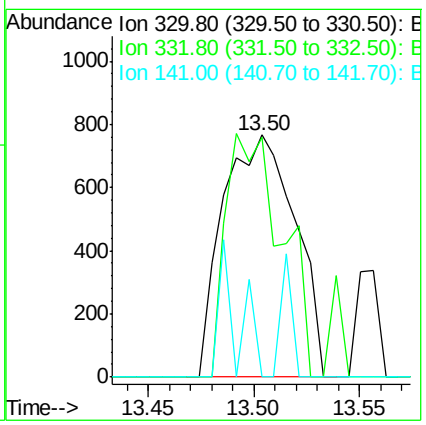


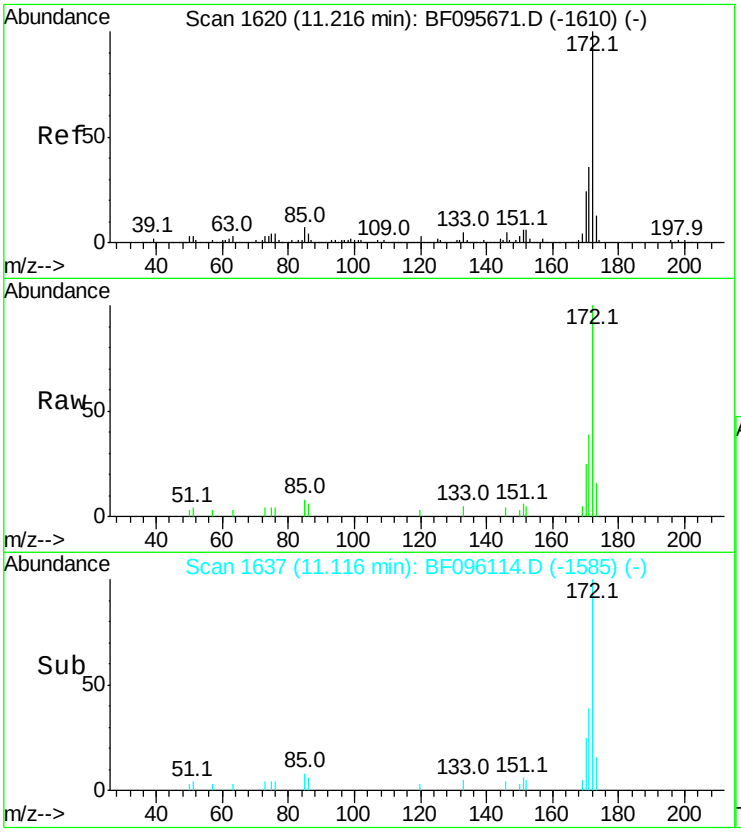


#41
2,4,6-Tribromophenol
Concen: 1.95 ng
RT: 13.50 min Scan# 2043
Delta R.T. 0.05 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion:330 Resp: 1827

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.6	115.0#
141	7.5	31.4	47.2#



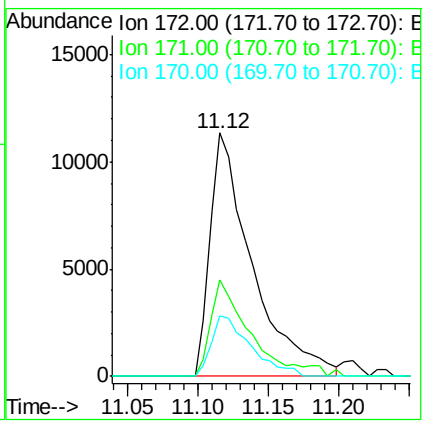


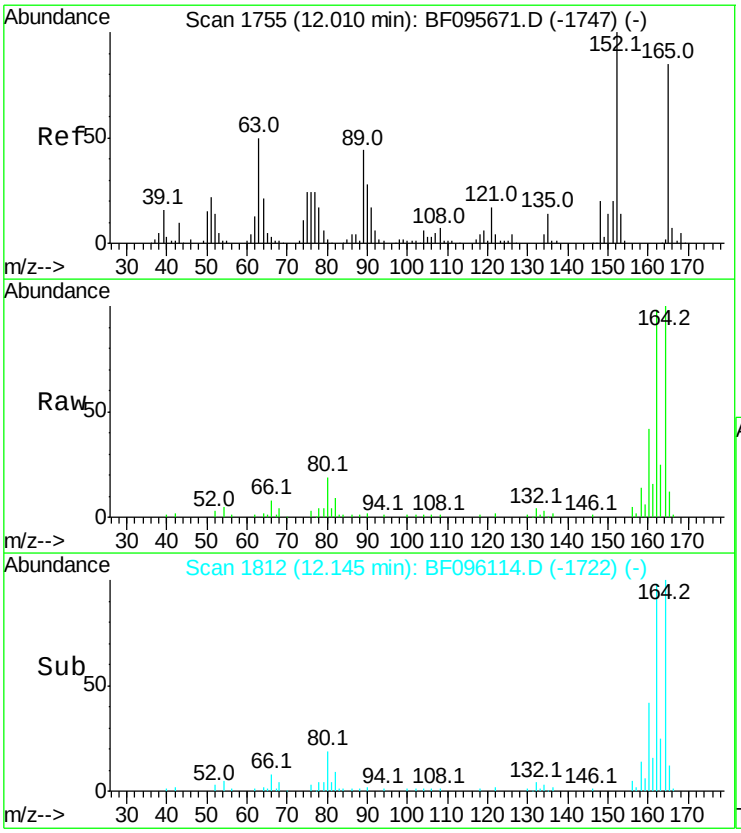
#44
2-Fluorobiphenyl
Concen: 3.10 ng
RT: 11.12 min Scan# 1637
Delta R.T. 0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 23621

Ion	Ratio	Lower	Upper
172	100		
171	39.4	29.6	44.4
170	24.8	19.8	29.8

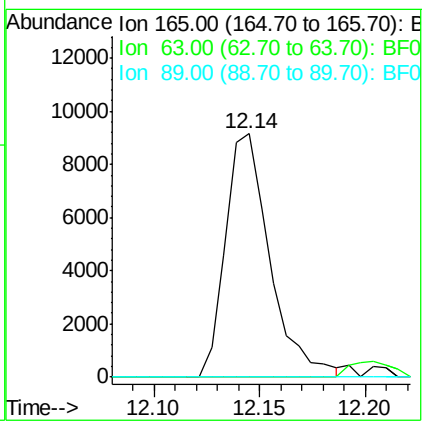


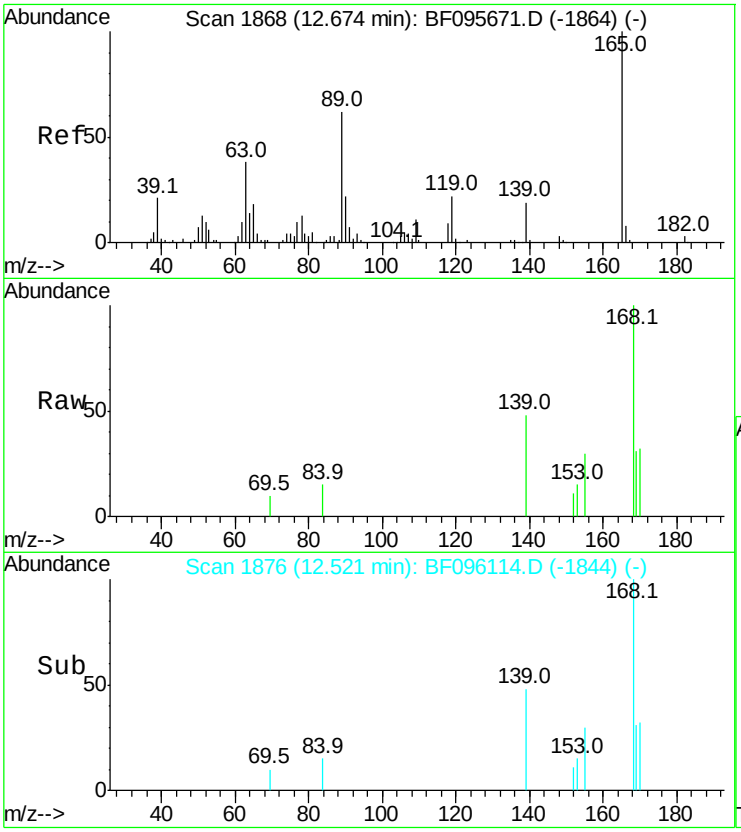


#50
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 12.14 min Scan# 1812
Delta R.T. 0.23 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion:165 Resp: 13271

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



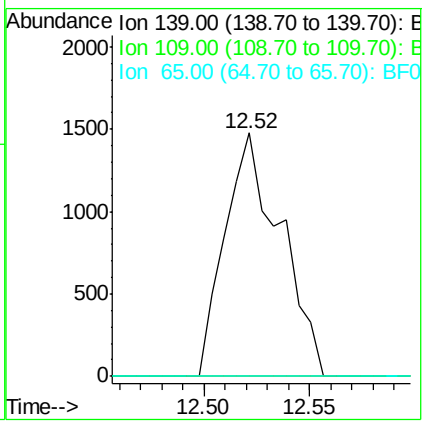


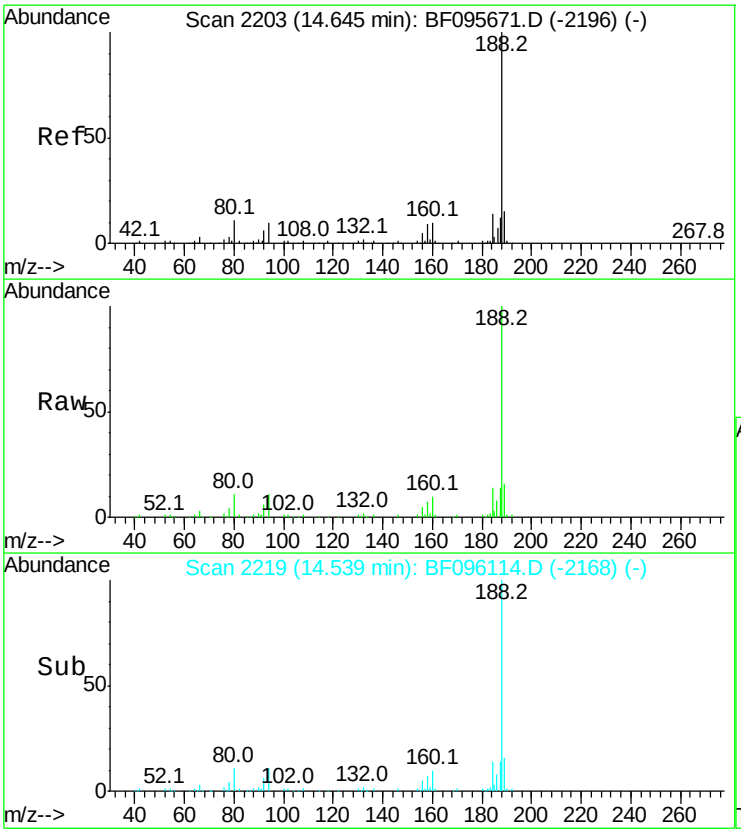
#55
4-Nitrophenol
Concen: 6.75 ng
RT: 12.52 min Scan# 1876
Delta R.T. -0.11 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 2685

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

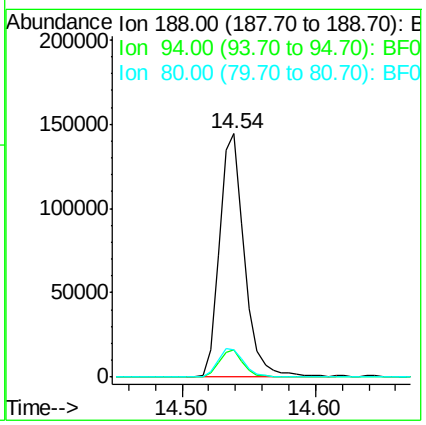


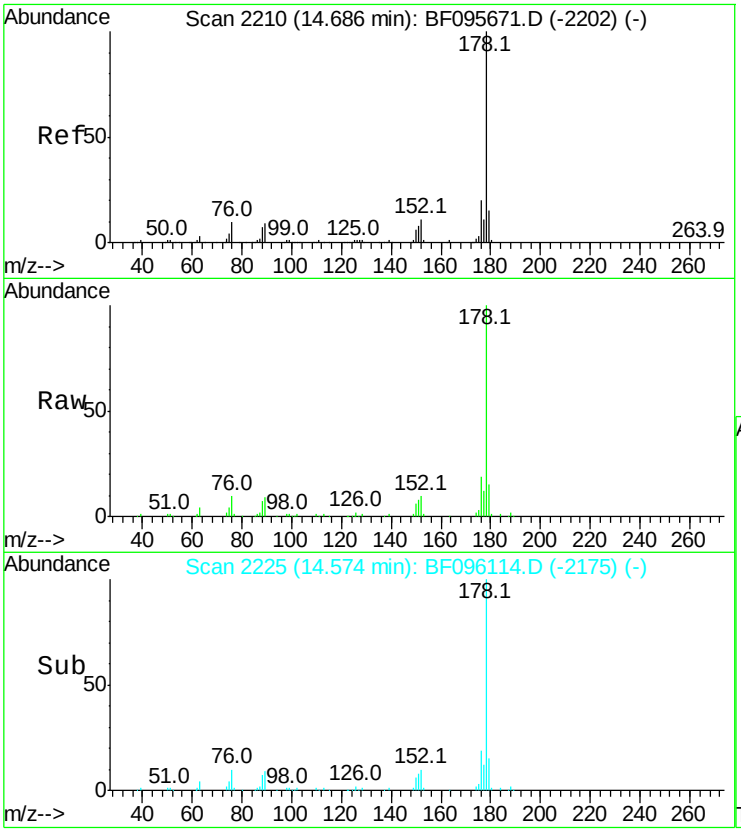


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion:188 Resp: 189566

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.4	14.2
80	11.4	10.2	15.2



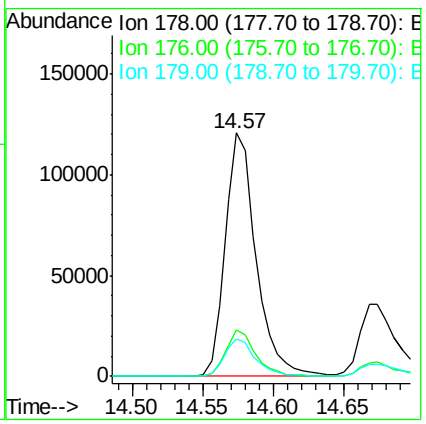


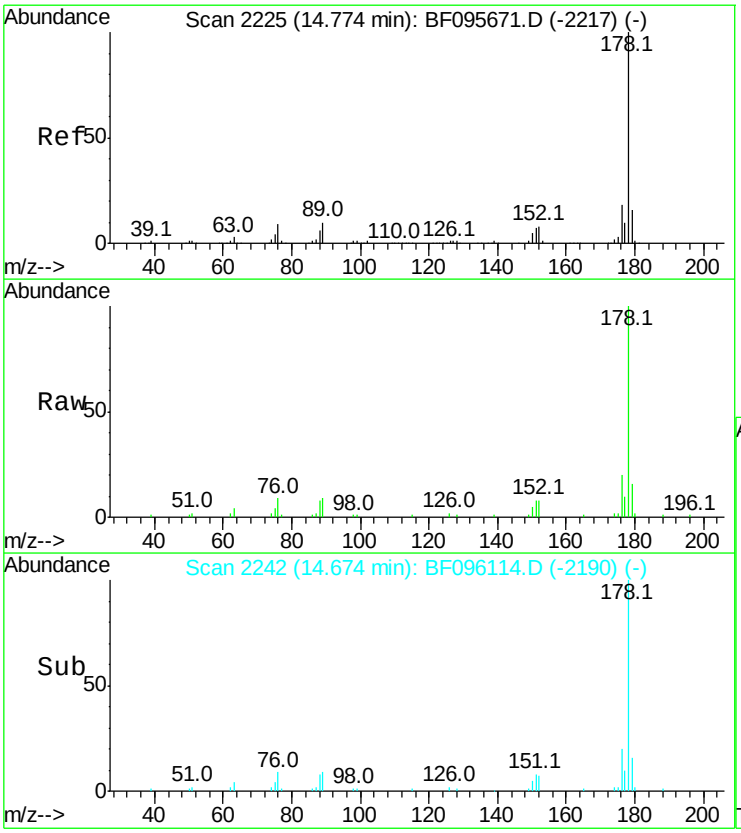
#70
Phenanthrene
Concen: 16.80 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 183726

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.4	12.6	19.0

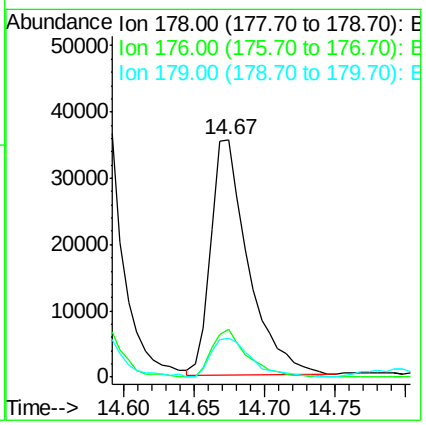


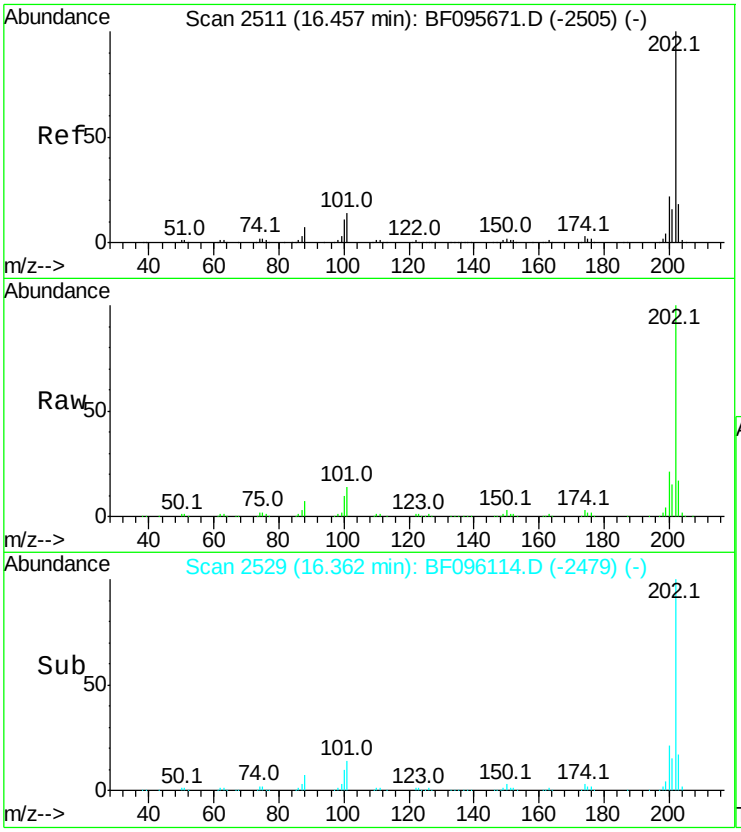


#71
Anthracene
Concen: 5.75 ng
RT: 14.67 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion:178 Resp: 65615

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.4	12.7	19.1



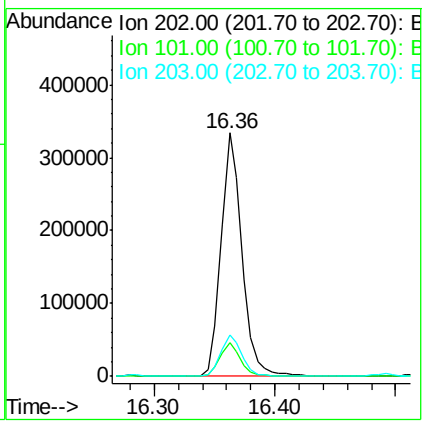


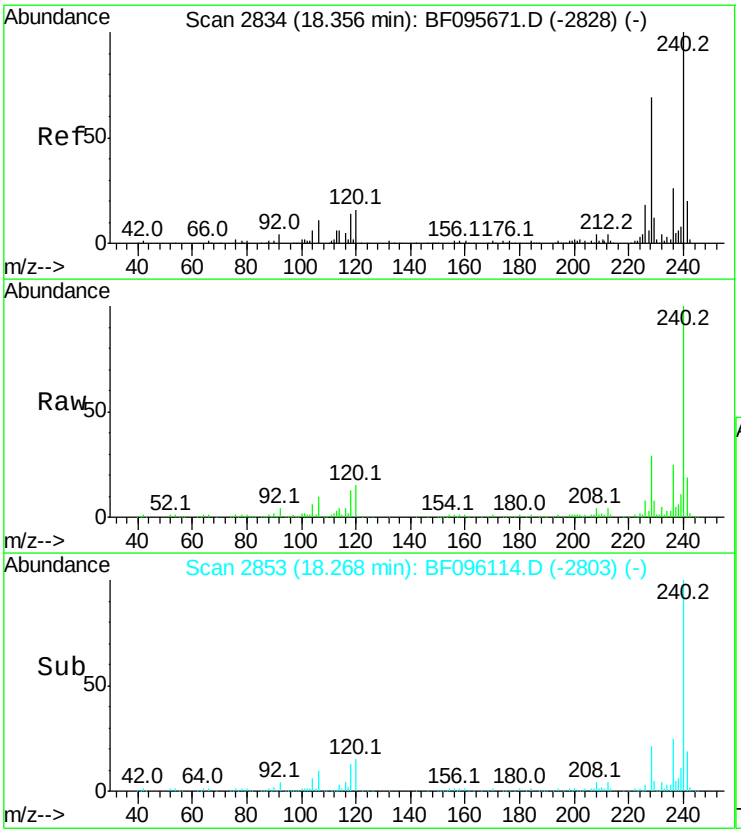
#74
Fluoranthene
Concen: 36.89 ng
RT: 16.36 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 399394

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	16.8	0.0	38.1

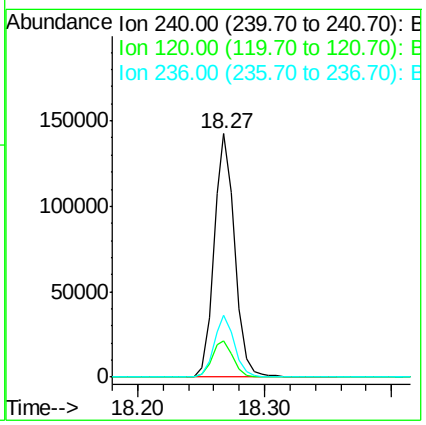


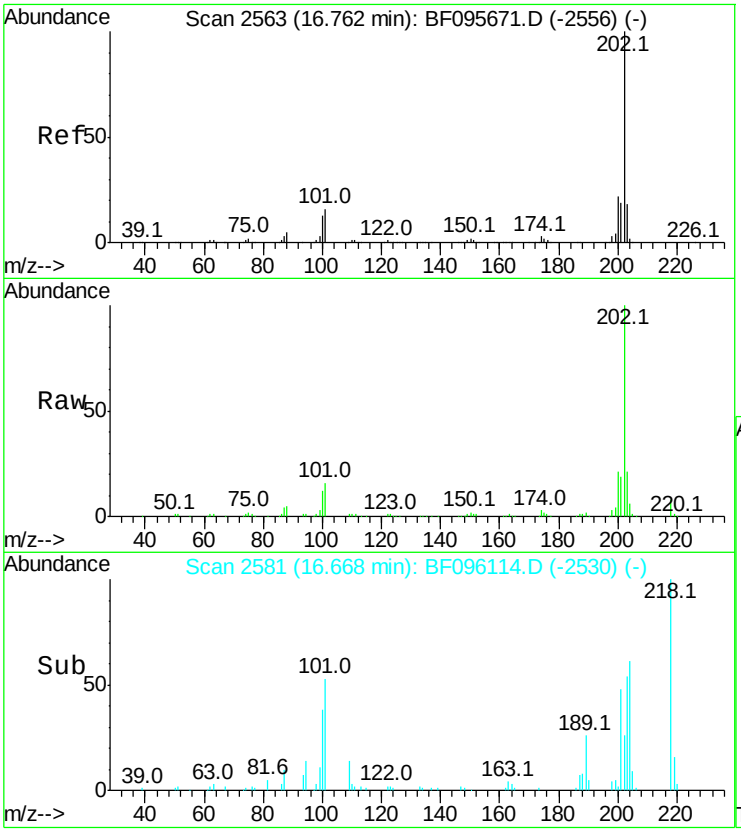


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion:240 Resp: 162141

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.2	20.5	30.7



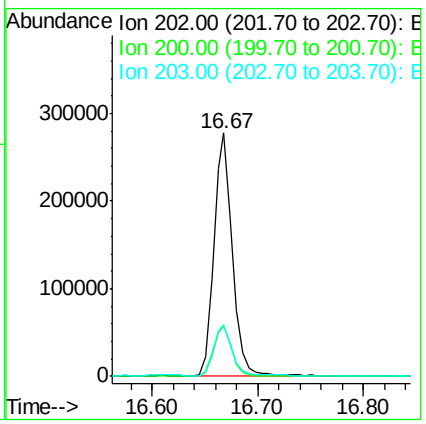


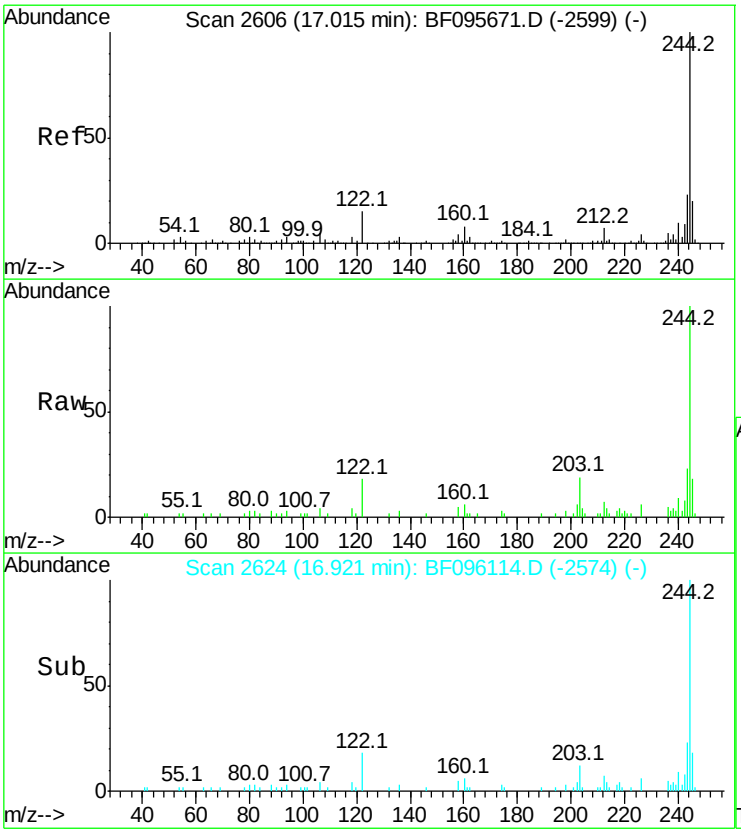
#77
Pyrene
Concen: 28.08 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 339732

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	21.1	14.4	21.6

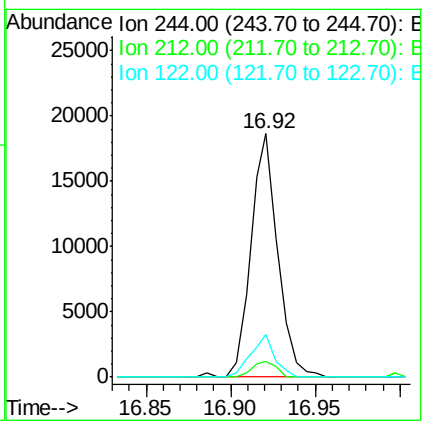


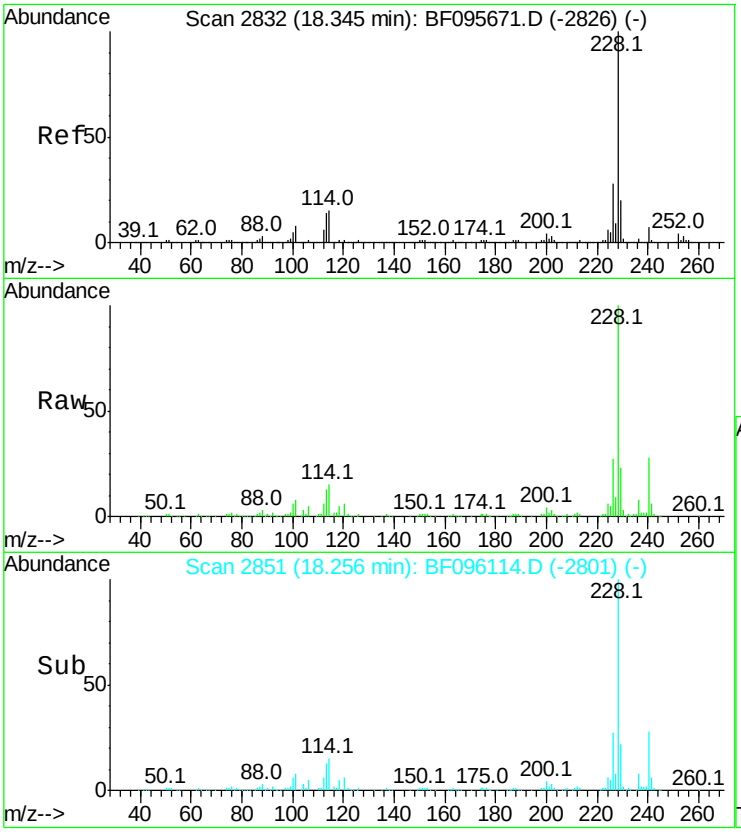


#78
Terphenyl-d14
Concen: 3.15 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion:244 Resp: 20600

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	17.6	10.3	15.5#



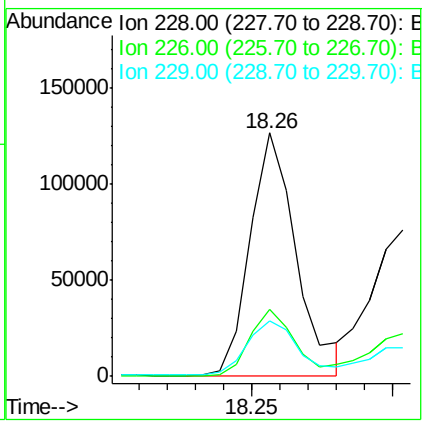


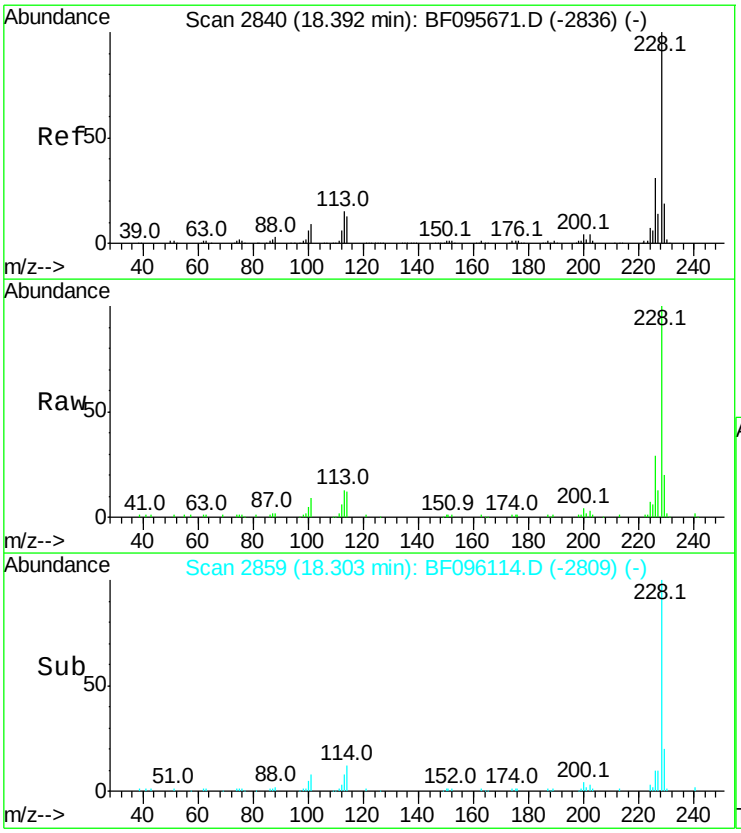
#80
Benzo(a)anthracene
Concen: 15.27 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 143953

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	23.0	16.3	24.5

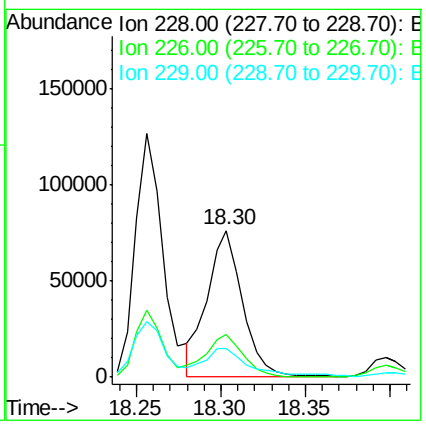


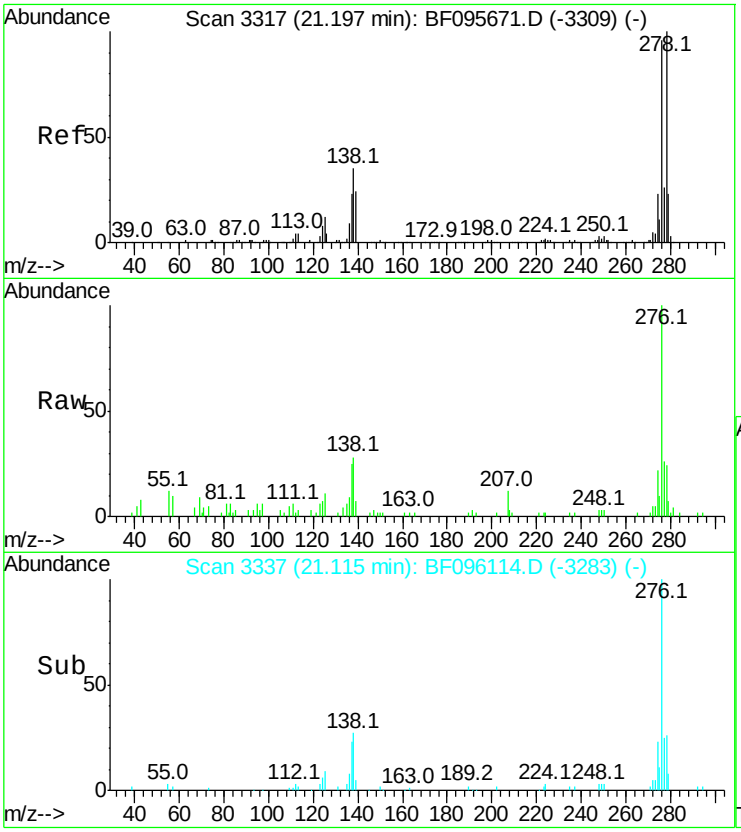


#82
Chrysene
Concen: 11.95 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion:228 Resp: 112550

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	19.6	15.8	23.6



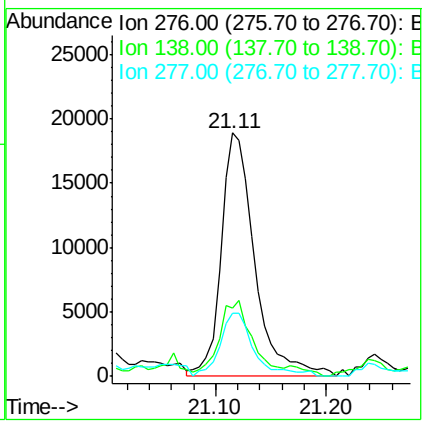


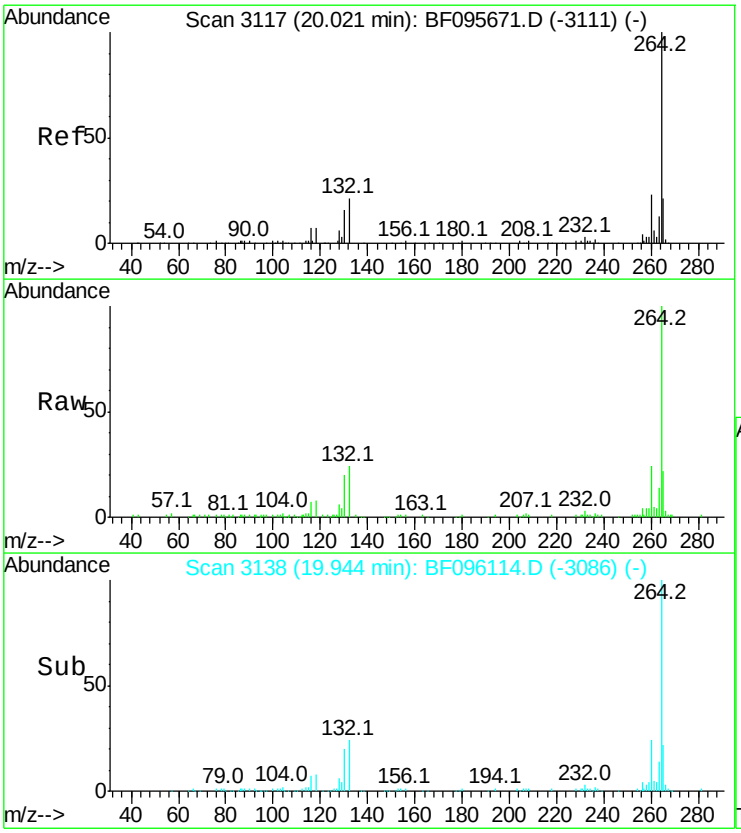
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.99 ng
RT: 21.11 min Scan# 3337
Delta R.T. 0.02 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 40249

Ion	Ratio	Lower	Upper
276	100		
138	26.2	27.8	41.6#
277	26.4	20.2	30.4

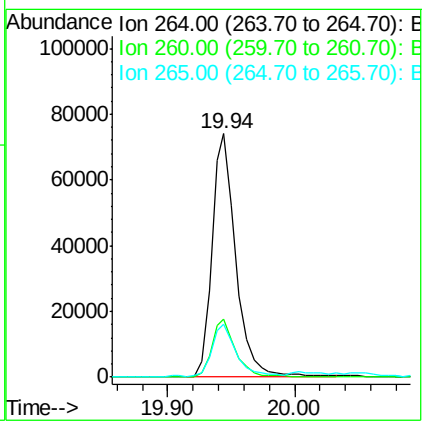


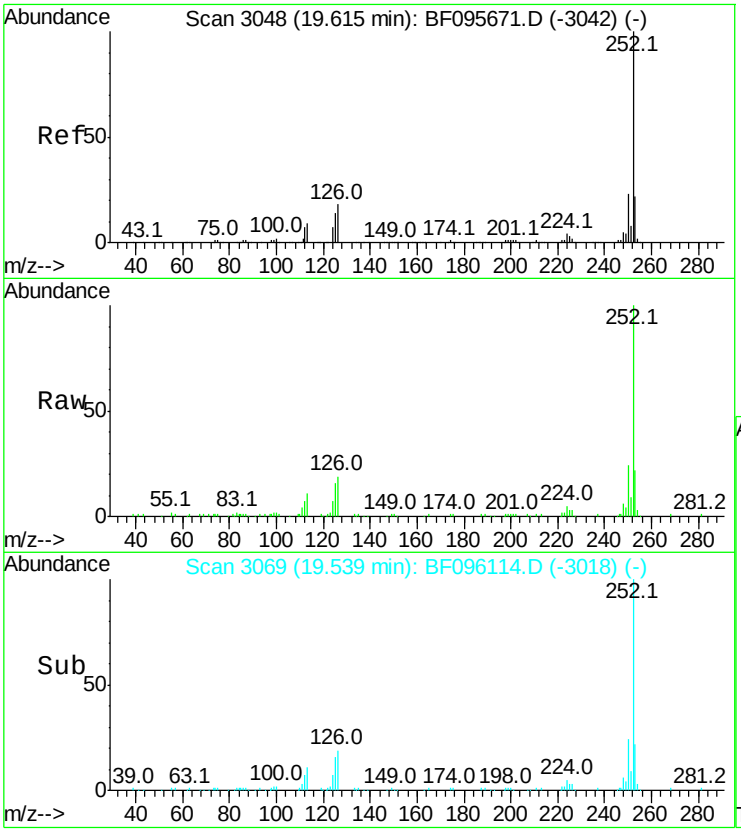


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion:264 Resp: 97290

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.9	17.2	25.8



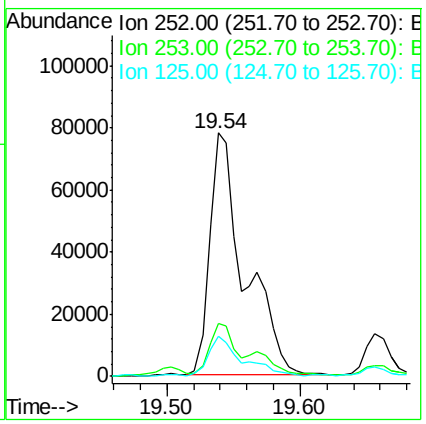


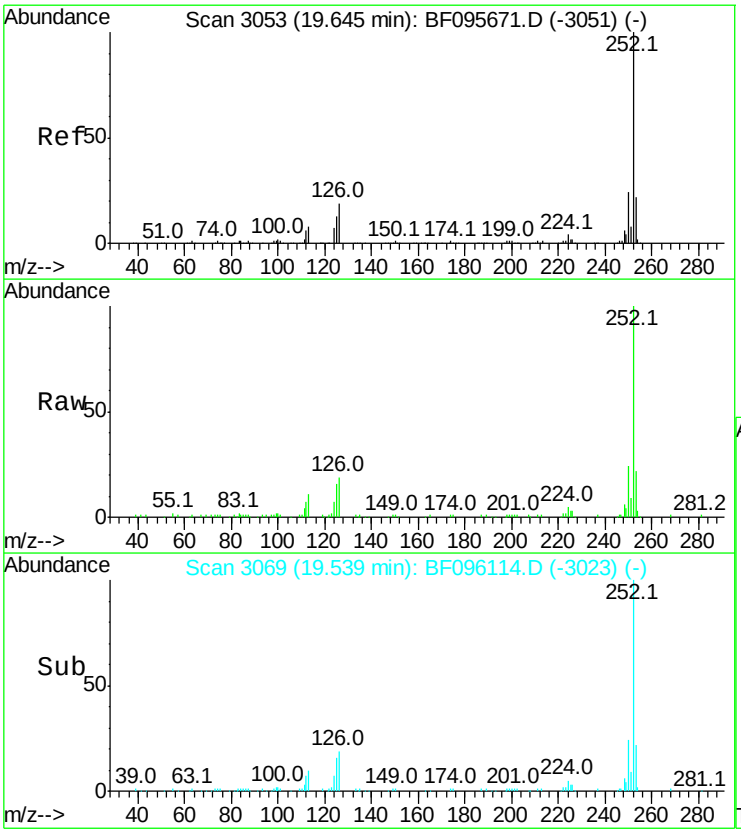
#87
Benzo(b)fluoranthene
Concen: 23.35 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 142230

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	16.4	9.8	14.8#

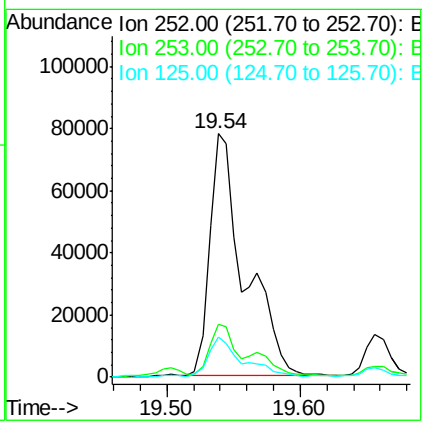


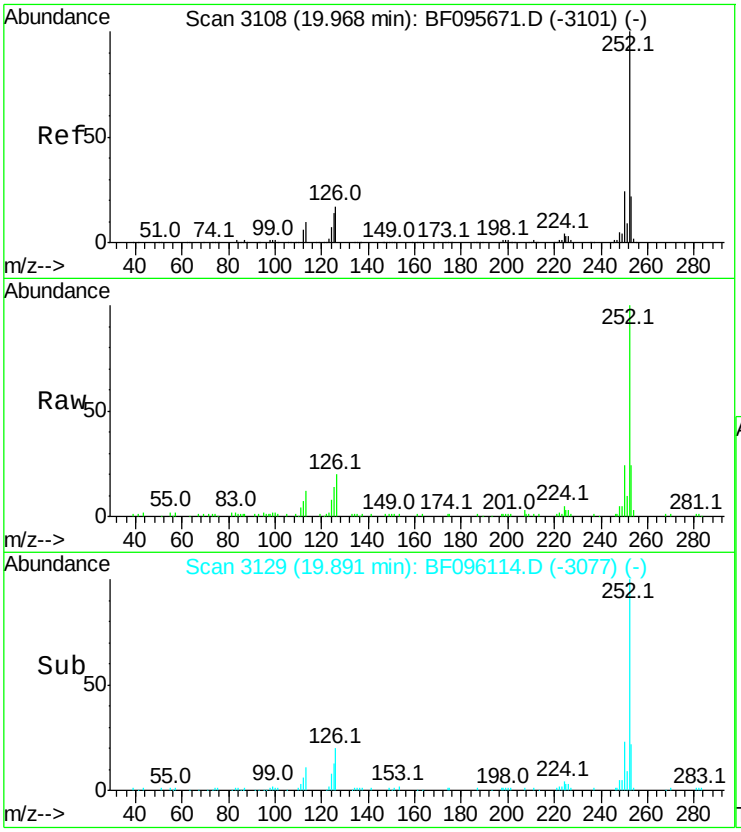


#88
Benzo(k)fluoranthene
Concen: 24.43 ng
RT: 19.54 min Scan# 3069
Delta R.T. -0.03 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion:252 Resp: 142230

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	16.4	13.1	19.7



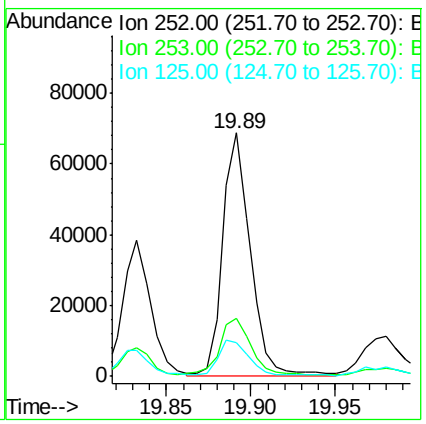


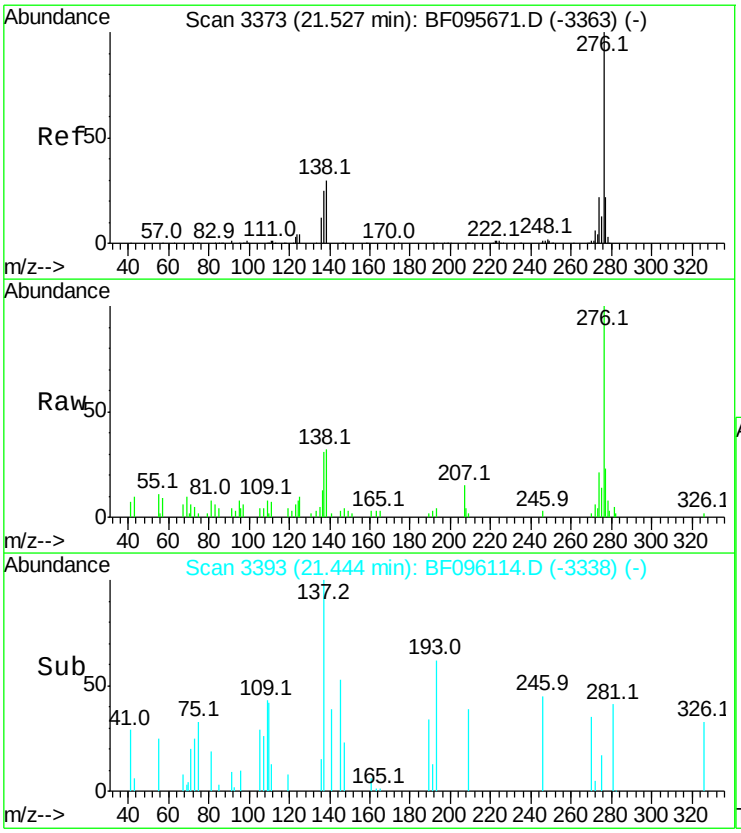
#89
Benzo(a)pyrene
Concen: 14.08 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 78847

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	13.6	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 7.45 ng
RT: 21.44 min Scan# 3393
Delta R.T. 0.02 min
Lab File: BF096114.D
Acq: 22 Jun 2017 9:05

Tgt Ion:276 Resp: 36064

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	31.9	25.4	38.0