Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062017\
Data File : BF096053.D
Acq On : 20 Jun 2017 19:43
Operator : SJ/MA
Sample : I3693-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061417-A

Quant Time: Jun 20 20:10:25 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	7.29	152	74722	20.00	ng		0.00
21) Naphthalene-d8	9.32	136	285073	20.00	ng		0.00
38) Acenaphthene-d10	12.14	164	109667	20.00	ng		-0.01
63) Phenanthrene-d10	14.54	188	169122	20.00	ng		0.00
75) Chrysene-d12	18.27	240	143969	20.00	ng		0.00
86) Perylene-d12	19.94	264	104537	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	27040	5.77	ng		0.06
7) Phenol-d6	6.93	99	41044	7.31	ng		0.06
23) Nitrobenzene-d5	8.24	82	25713	5.60	ng		0.02
41) 2,4,6-Tribromophenol	13.47	330	4150	4.28	ng		0.02
44) 2-Fluorobiphenyl	11.10	172	58639	7.44	ng		0.00
78) Terphenyl-d14	16.92	244	37612	6.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.56	88	40261	18.048	ng	#	22
50) 2,6-Dinitrotoluene	12.15	165	13857	7.630	ng	#	31
55) 4-Nitrophenol	12.50	139	1422	5.711	ng	#	25
70) Phenanthrene	14.57	178	39251	4.022	ng		98
74) Fluoranthene	16.37	202	54909	5.685	ng		98
77) Pyrene	16.67	202	52663	4.902	ng		96
80) Benzo(a)anthracene	18.30	228	26280	3.140	ng		91
82) Chrysene	18.30	228	26280	3.142	ng	#	94
87) Benzo(b)fluoranthene	19.54	252	42634	6.513	ng	#	91
88) Benzo(k)fluoranthene	19.54	252	42634	6.814	ng		95
89) Benzo(a)pyrene	19.89	252	22302	3.707	ng	#	87
91) Benzo(g,h,i)perylene	21.45	276	13743	2.641	ng	#	87

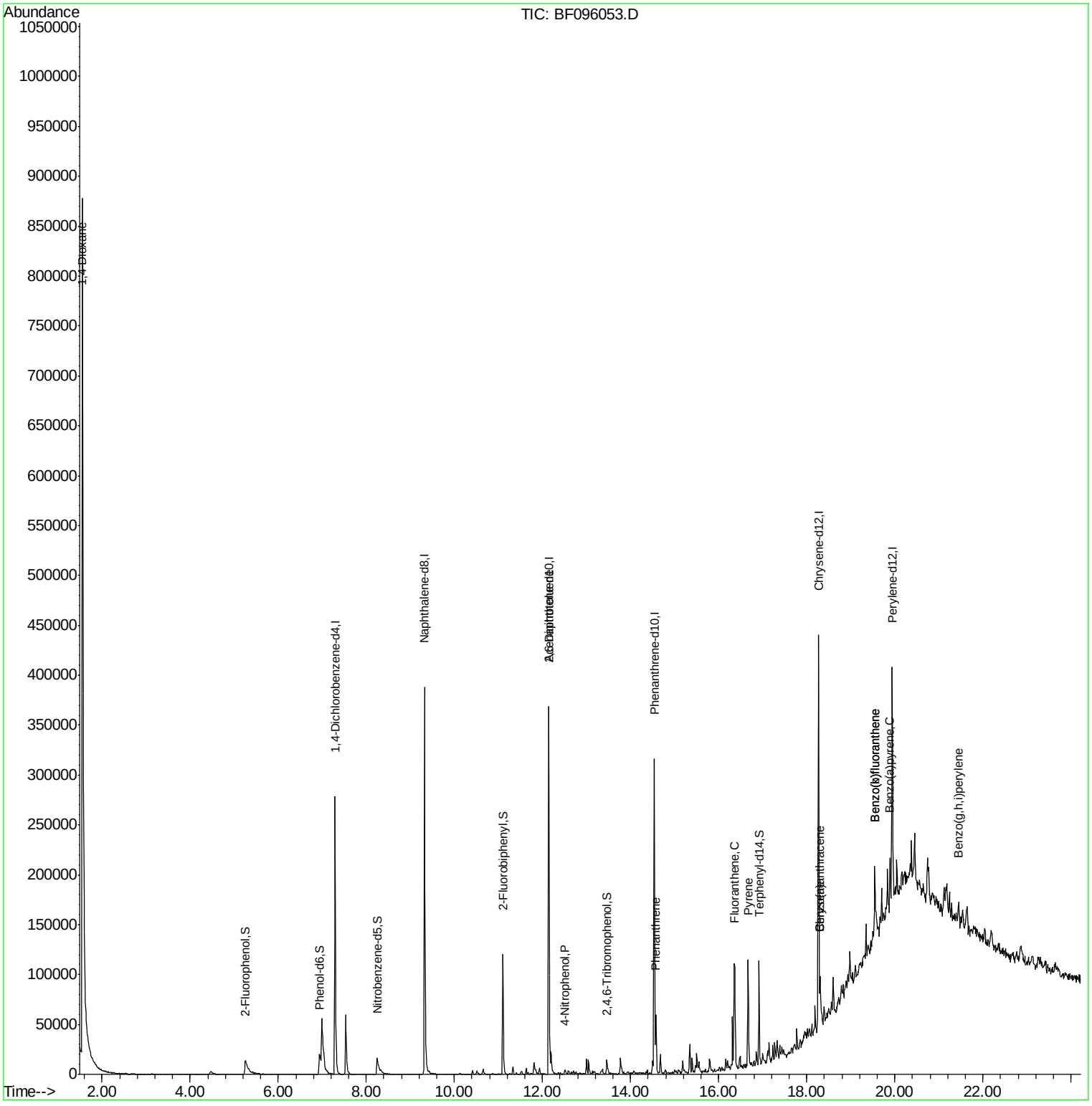
(#) = qualifier out of range (m) = manual integration (+) = signals summed

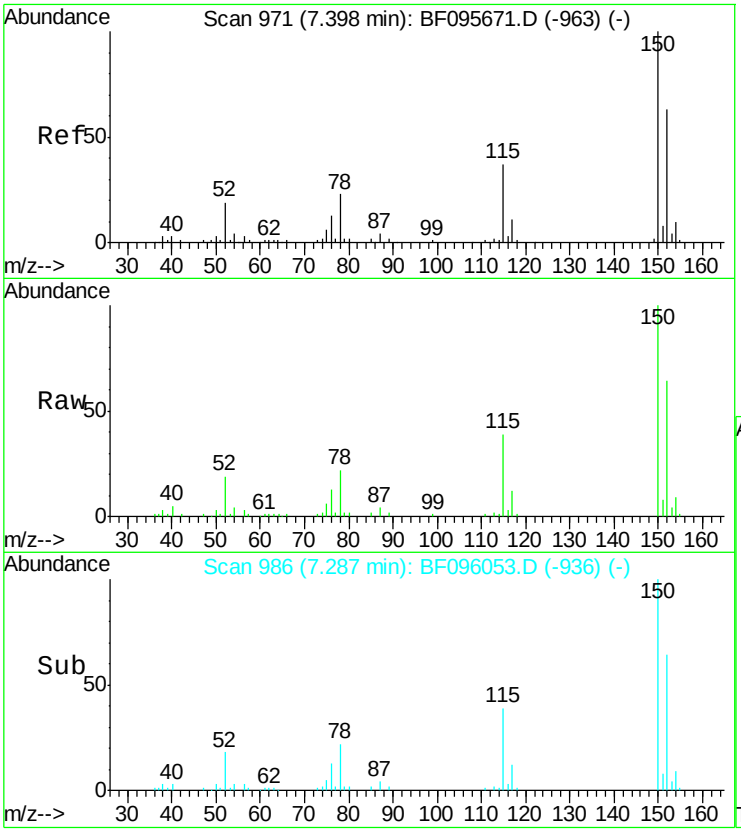
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062017\
Data File : BF096053.D
Acq On : 20 Jun 2017 19:43
Operator : SJ/MA
Sample : I3693-01 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Quant Time: Jun 20 20:10:25 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



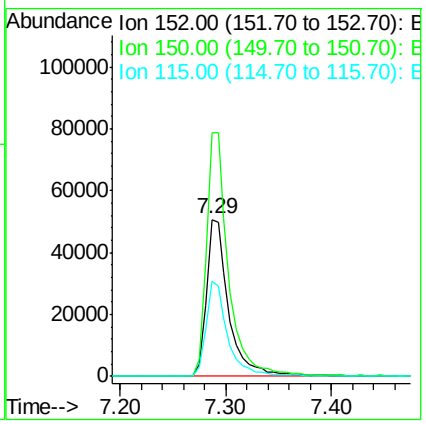


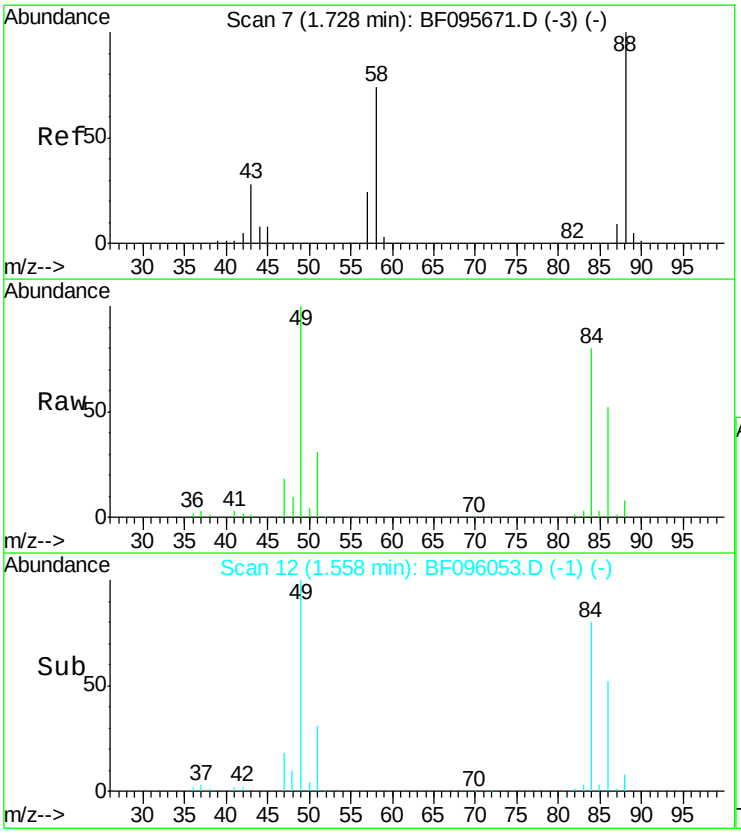
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:152 Resp: 74722

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	60.5	52.2	78.2

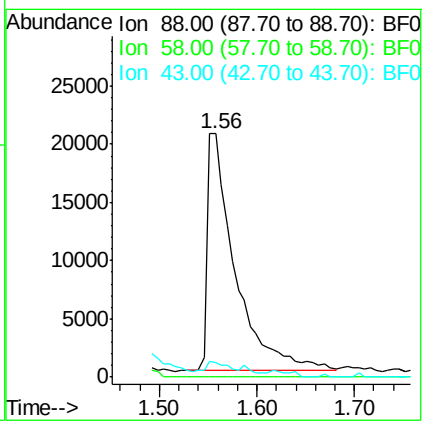


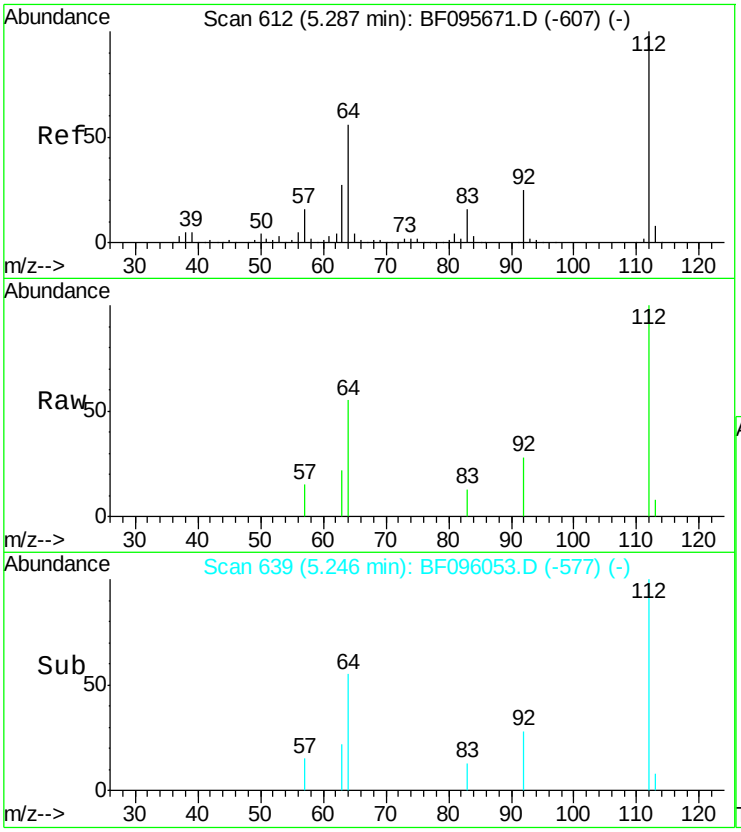


#2
1,4-Dioxane
Concen: 18.048 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion: 88 Resp: 40261

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	3.0	23.4	35.0#



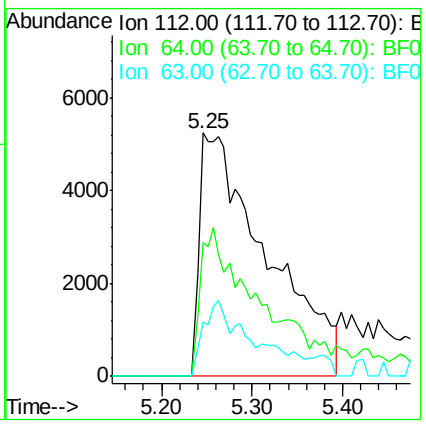


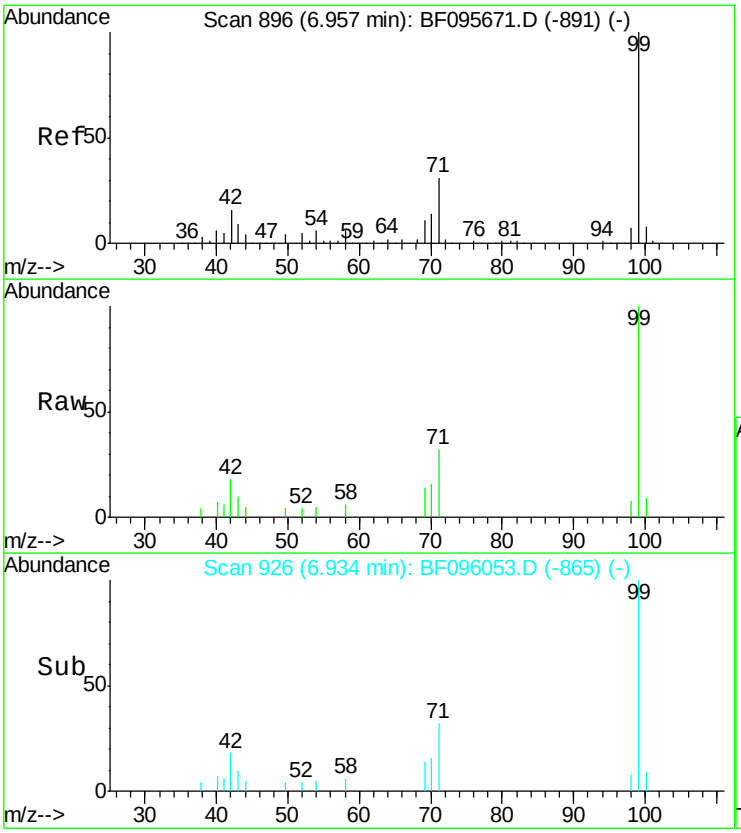
#5
2-Fluorophenol
Concen: 5.766 ng
RT: 5.25 min Scan# 639
Delta R.T. 0.06 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:112 Resp: 27040

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	22.1	23.4	35.0#

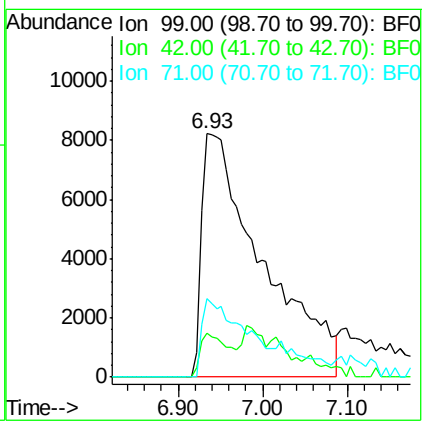


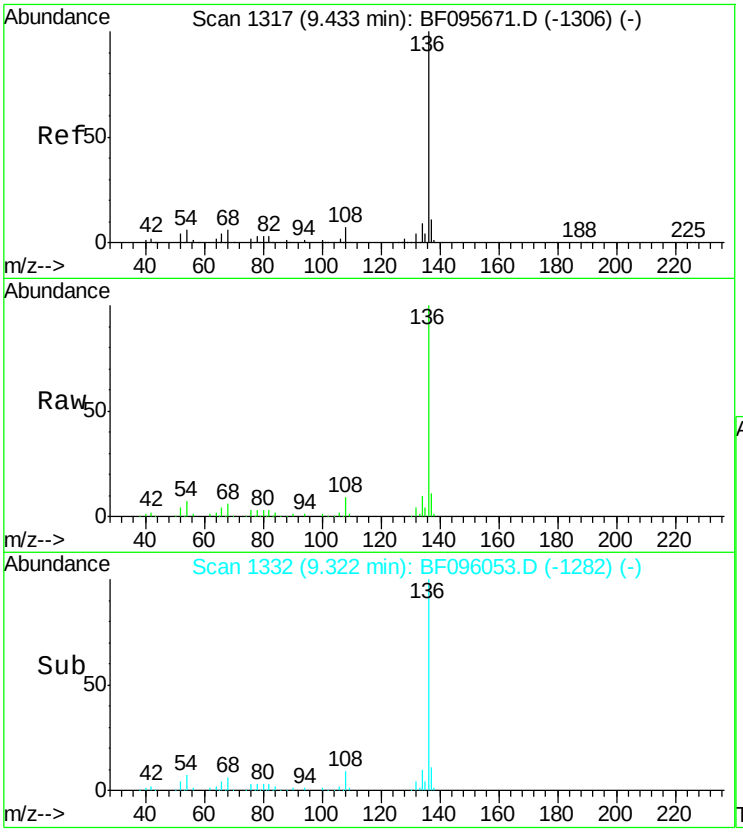


#7
Phenol-d6
Concen: 7.311 ng
RT: 6.93 min Scan# 926
Delta R.T. 0.06 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion: 99 Resp: 41044

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	32.2	24.5	36.7



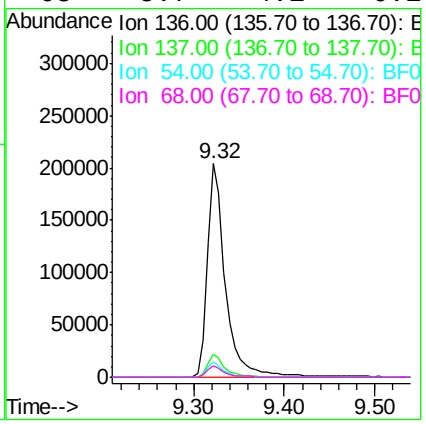


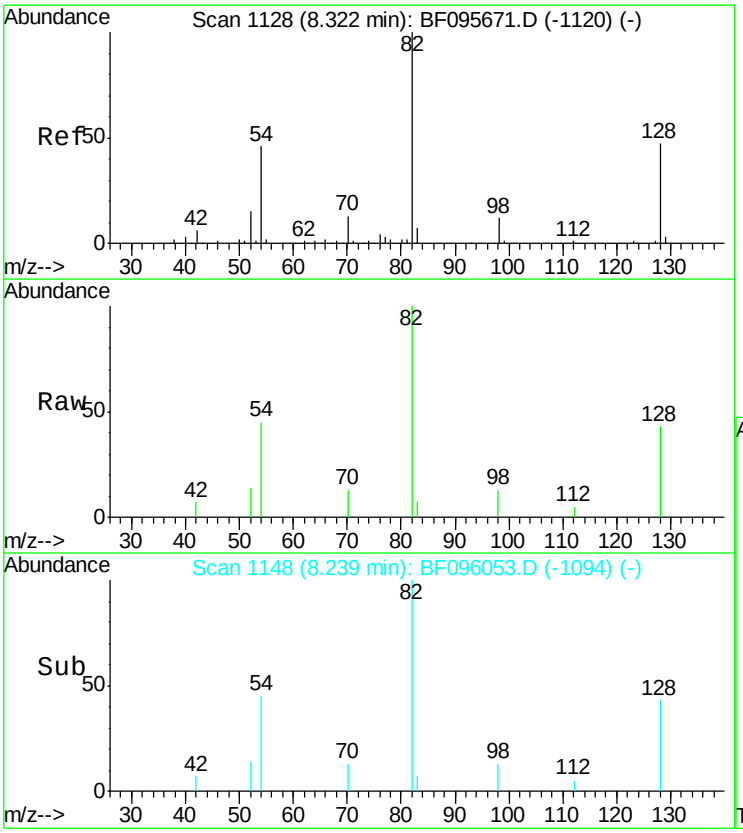
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:136 Resp: 285073

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.4	4.9	7.3#
68	5.7	4.1	6.1

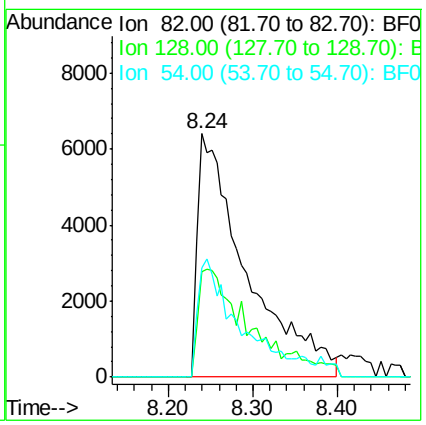


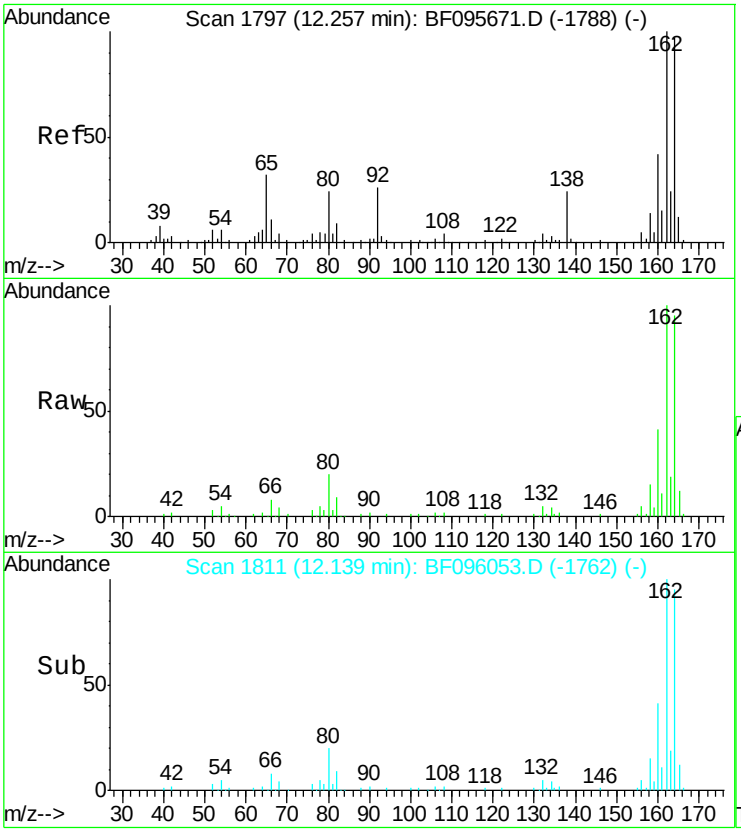


#23
Nitrobenzene-d5
Concen: 5.602 ng
RT: 8.24 min Scan# 1148
Delta R.T. 0.02 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion: 82 Resp: 25713

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.0	51.0
54	44.6	42.2	63.2



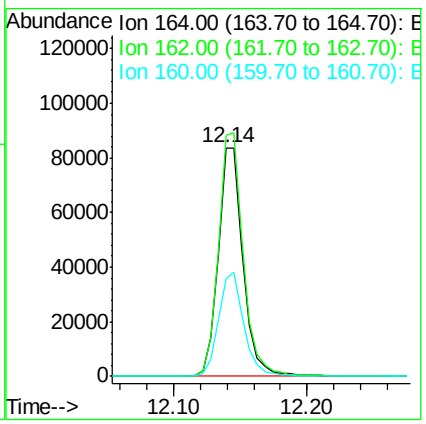


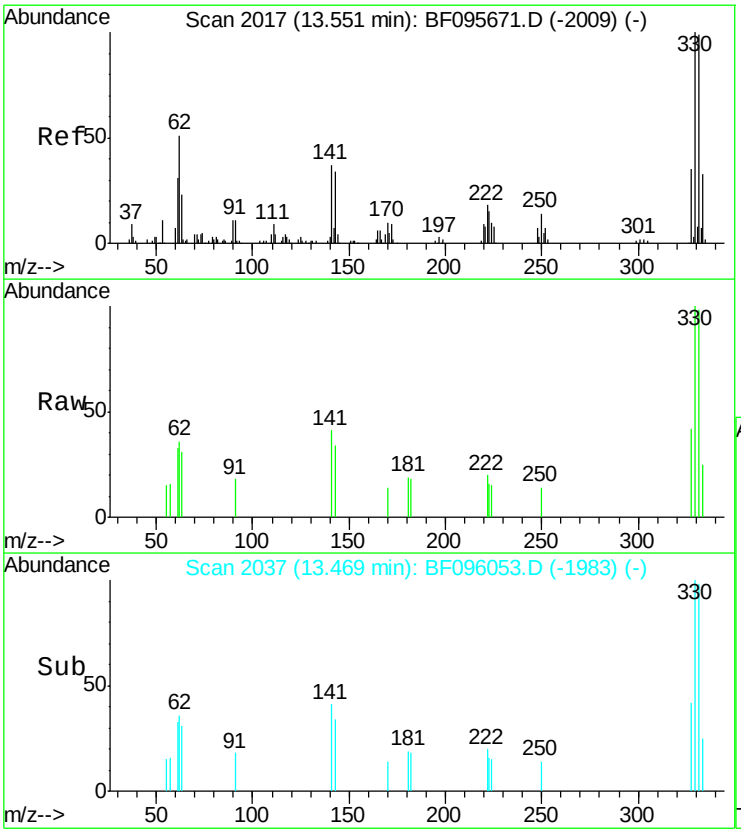
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.14 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:164 Resp: 109667

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	42.7	36.2	54.2

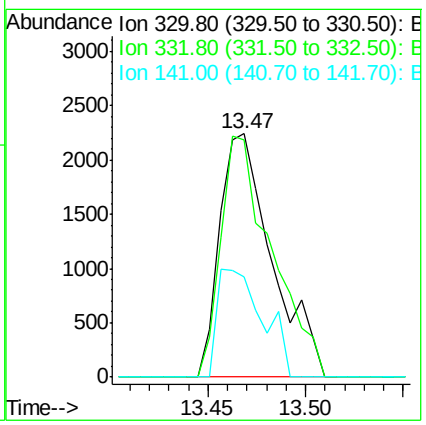


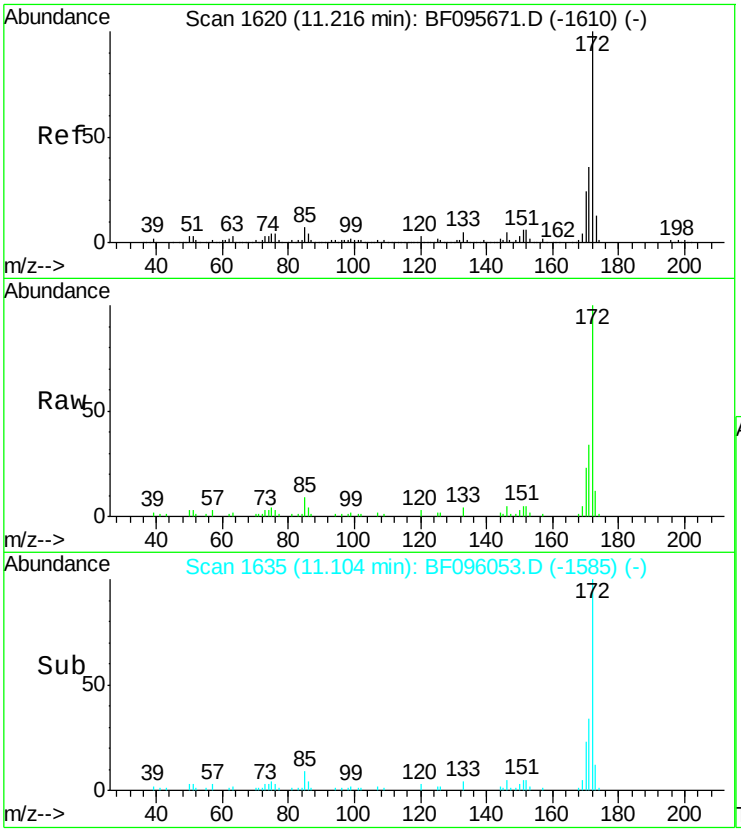


#41
2,4,6-Tribromophenol
Concen: 4.277 ng
RT: 13.47 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion:330 Resp: 4150

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	38.5	31.4	47.2



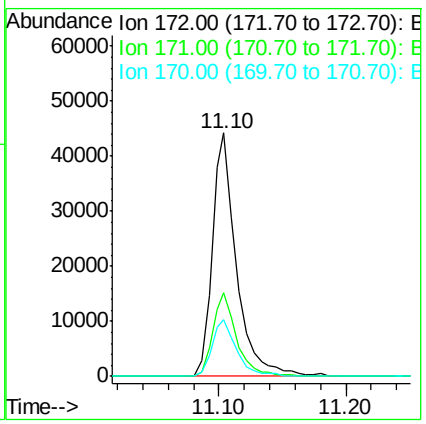


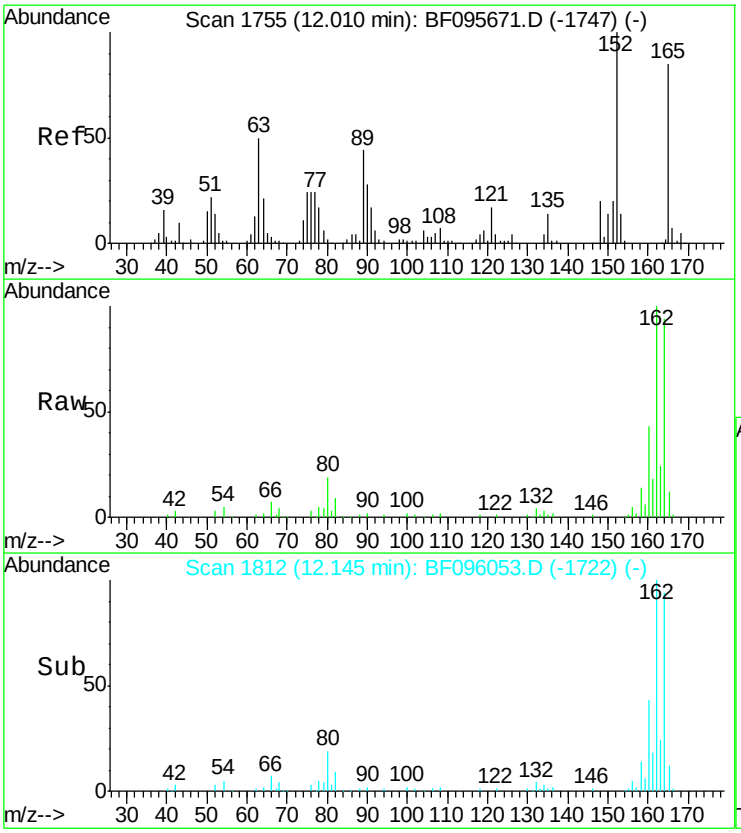
#44
2-Fluorobiphenyl
Concen: 7.441 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:172 Resp: 58639

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	23.3	19.8	29.8

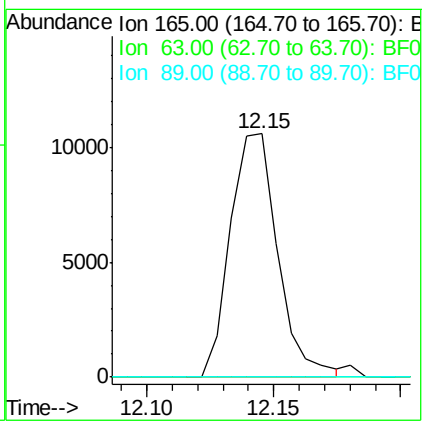


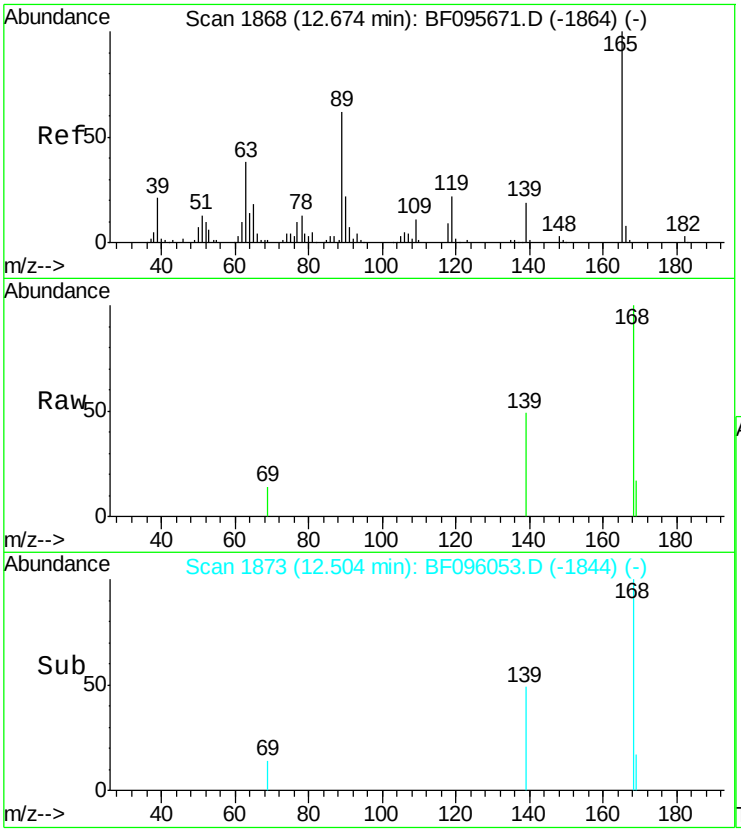


#50
2,6-Dinitrotoluene
Concen: 7.630 ng
RT: 12.15 min Scan# 1812
Delta R.T. 0.23 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion:165 Resp: 13857

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



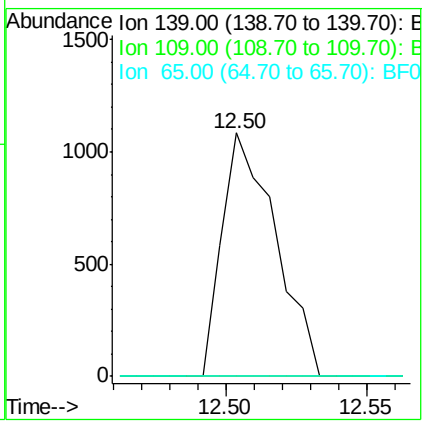


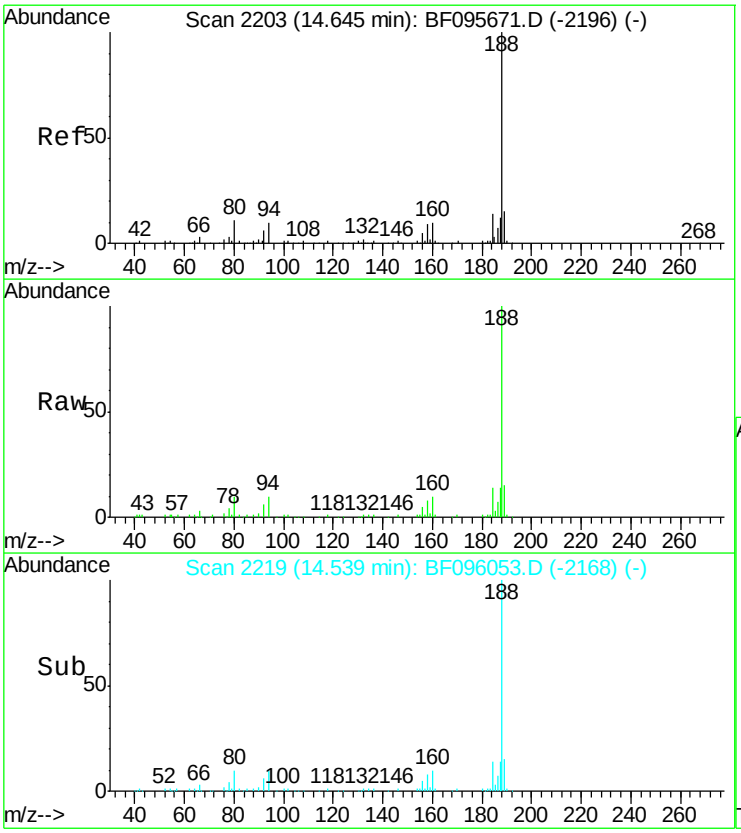
#55
4-Nitrophenol
Concen: 5.711 ng
RT: 12.50 min Scan# 1873
Delta R.T. -0.13 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:139 Resp: 1422

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

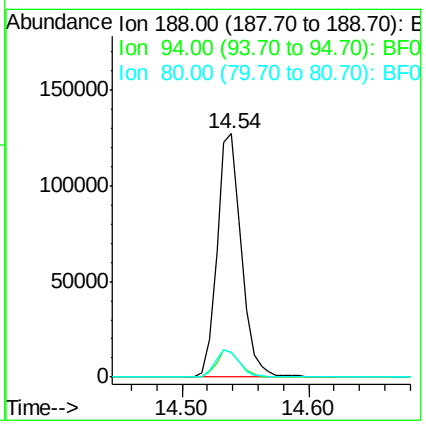


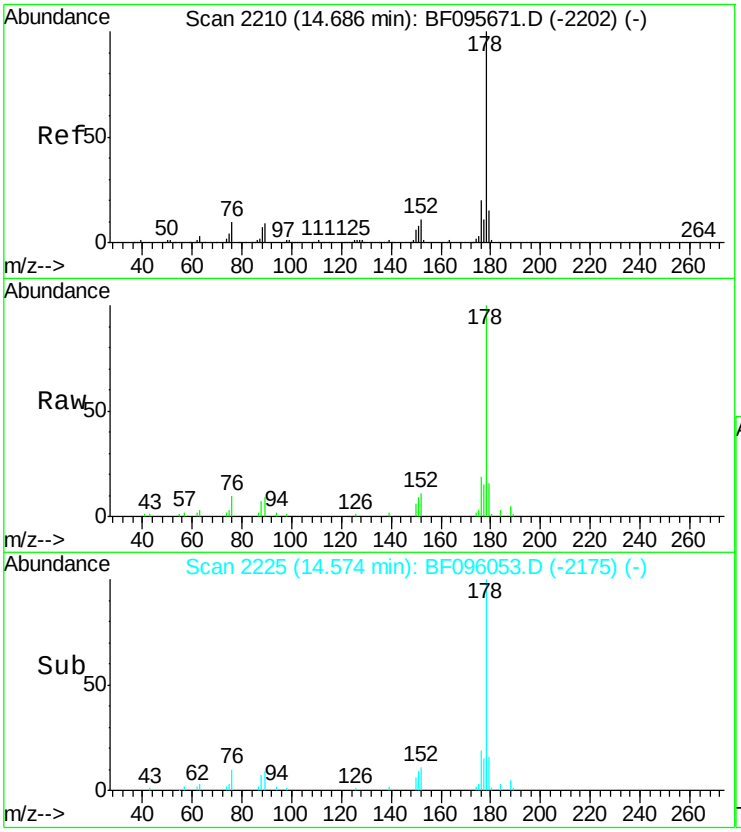


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion:188 Resp: 169122

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



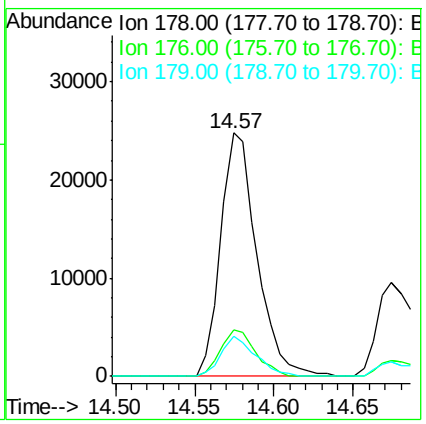


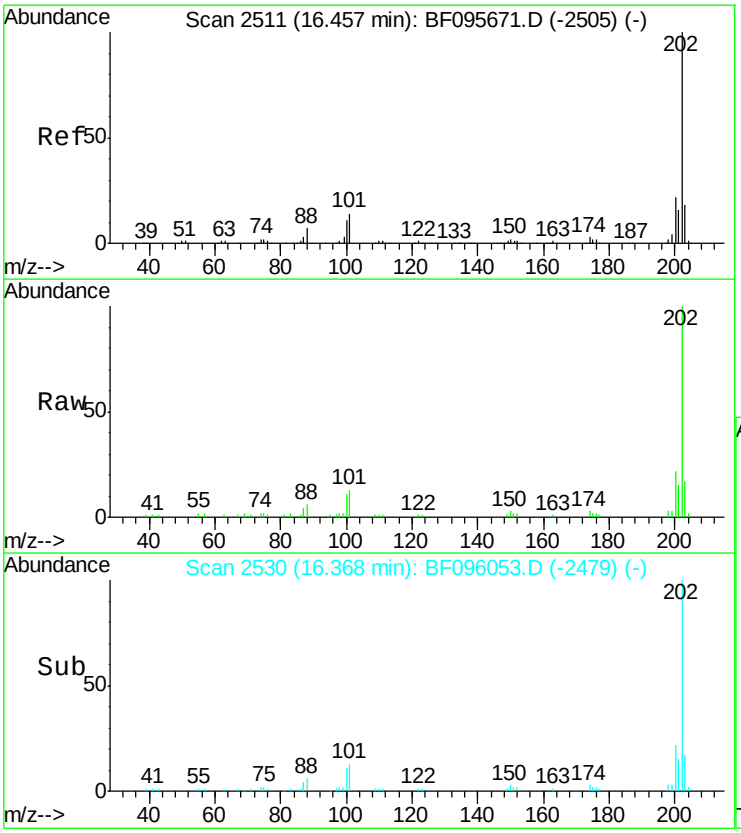
#70
Phenanthrene
Concen: 4.022 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:178 Resp: 39251

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	16.5	12.6	19.0

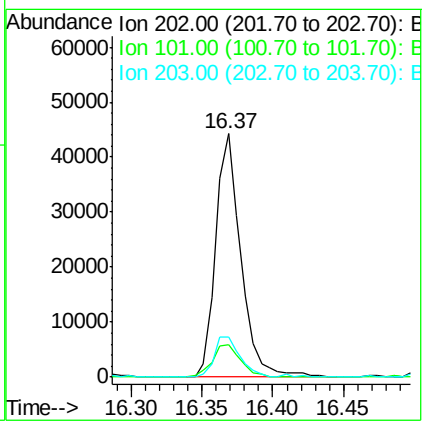


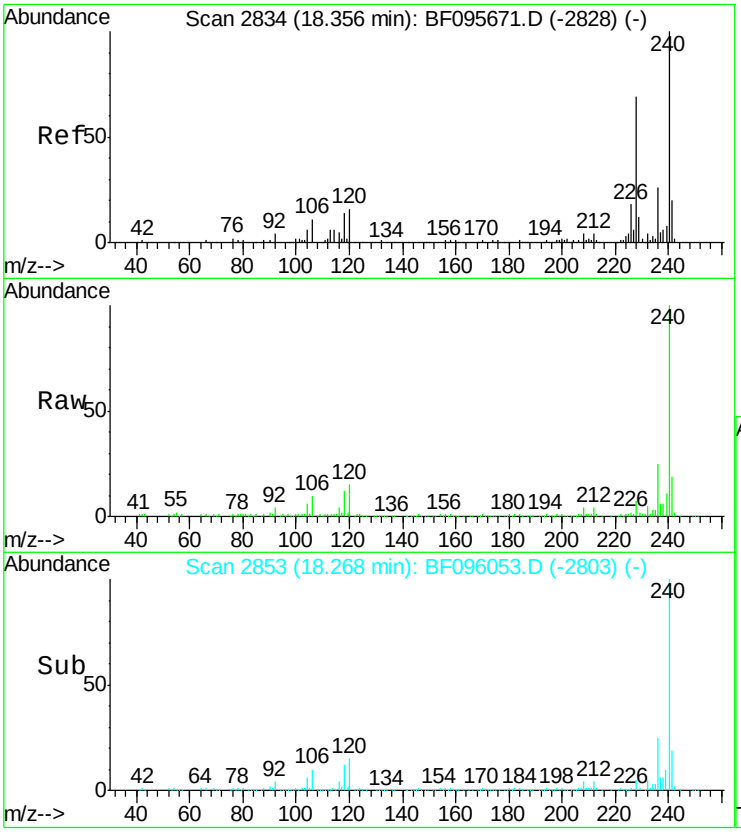


#74
Fluoranthene
Concen: 5.685 ng
RT: 16.37 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion:202 Resp: 54909

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	16.6	0.0	38.1



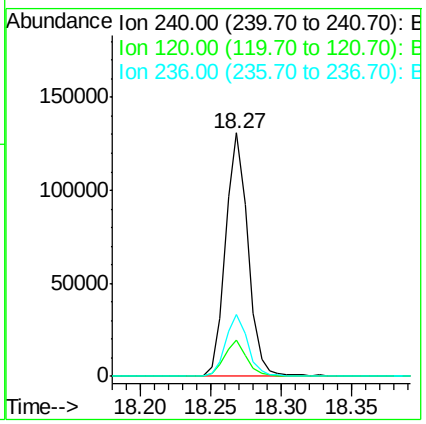


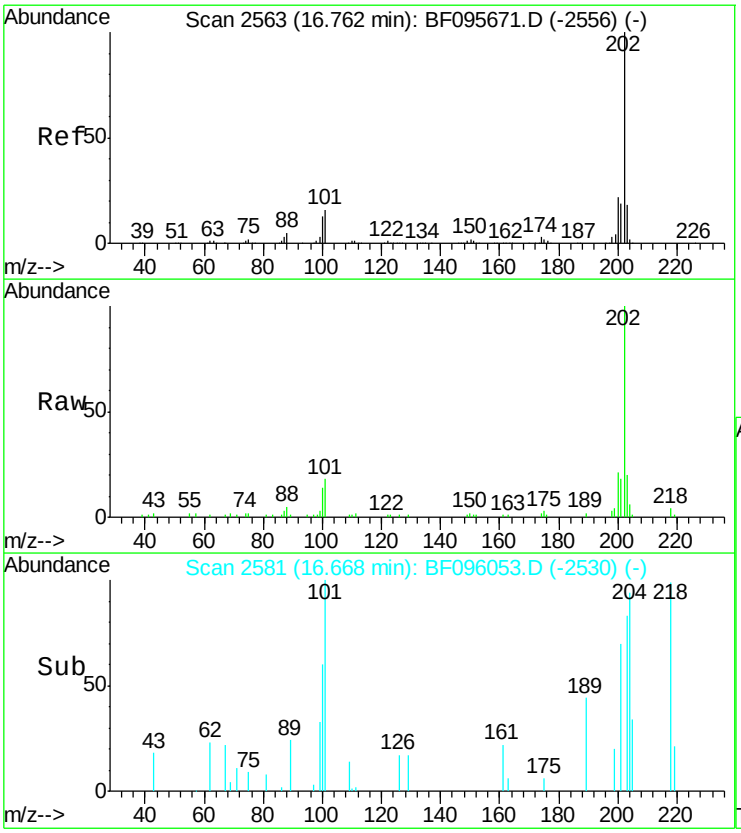
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:240 Resp: 143969

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.4	20.5	30.7

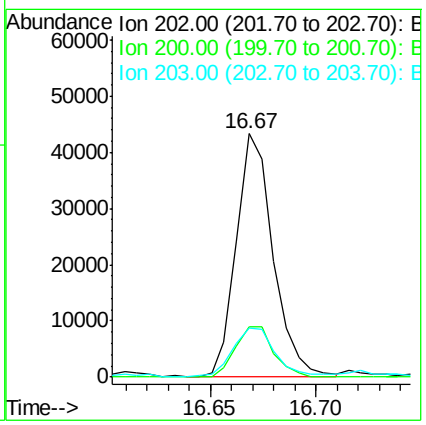


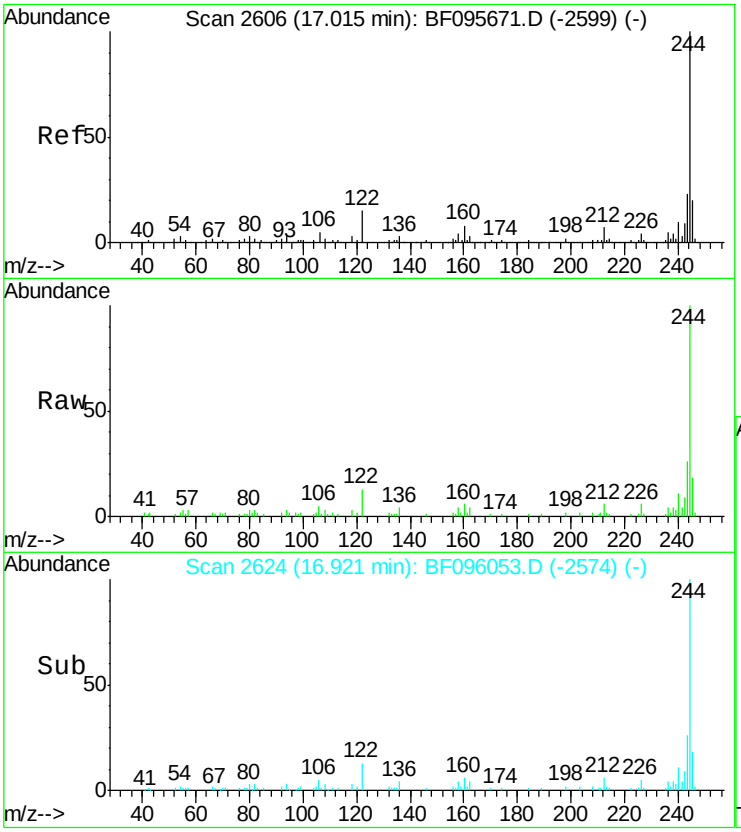


#77
Pyrene
Concen: 4.902 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion:202 Resp: 52663

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	20.4	14.4	21.6



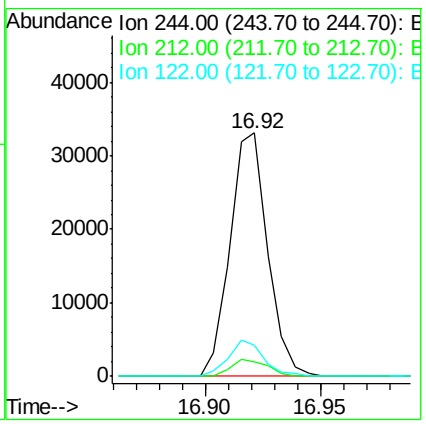


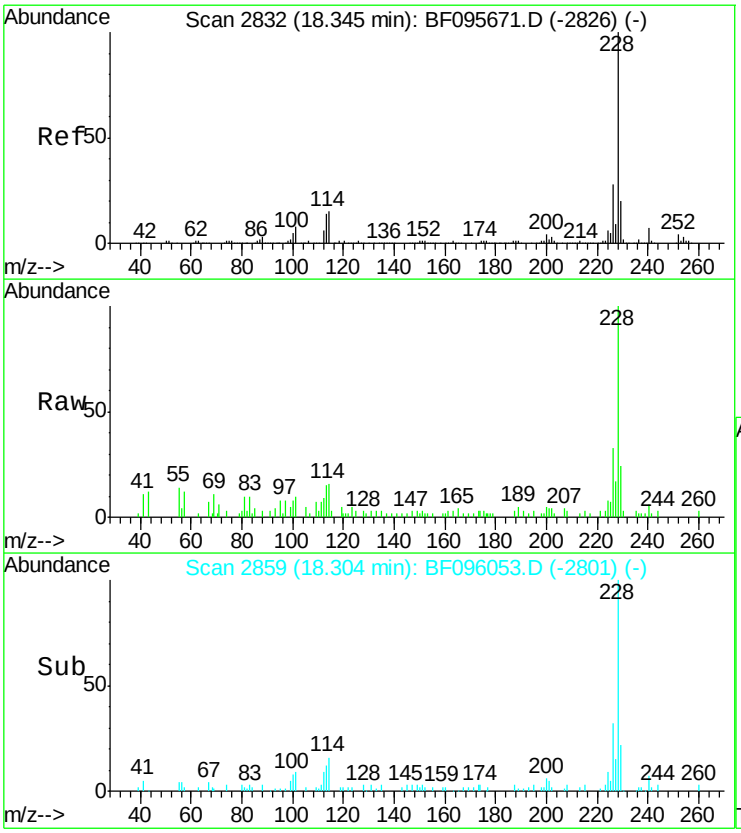
#78
Terphenyl-d14
Concen: 6.484 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:244 Resp: 37612

Ion	Ratio	Lower	Upper
244	100		
212	5.7	6.0	9.0#
122	13.0	10.3	15.5

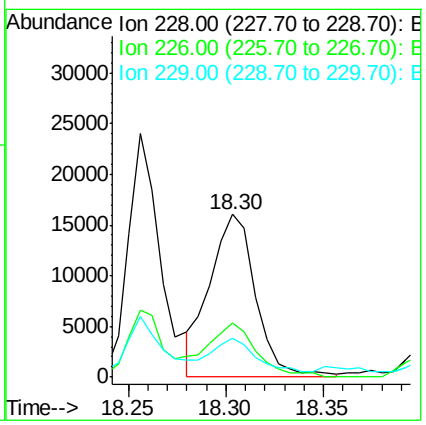


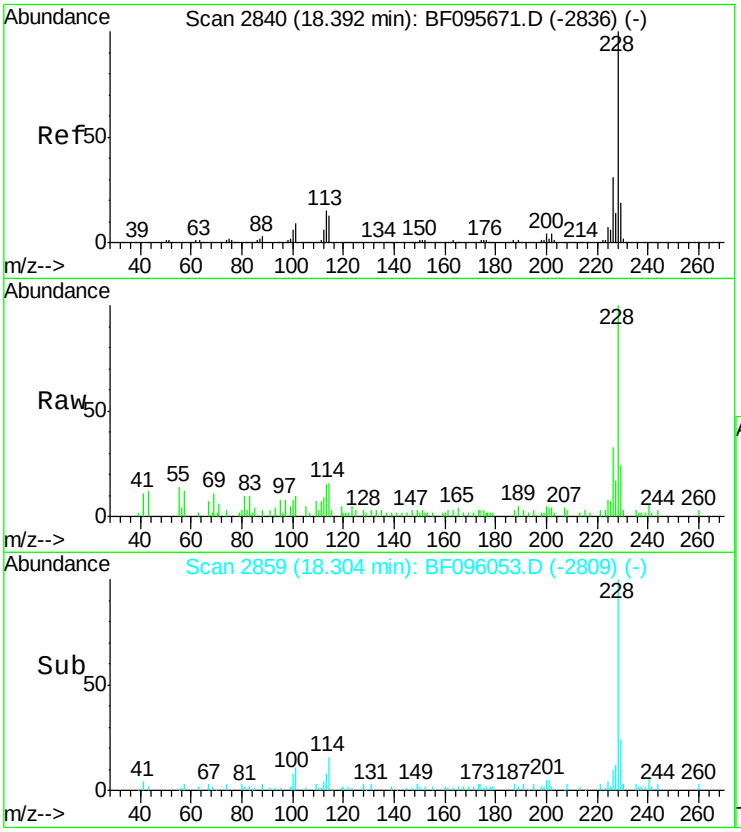


#80
Benzo(a)anthracene
Concen: 3.140 ng
RT: 18.30 min Scan# 2859
Delta R.T. 0.04 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion:228 Resp: 26280

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.6	33.8
229	23.9	16.3	24.5



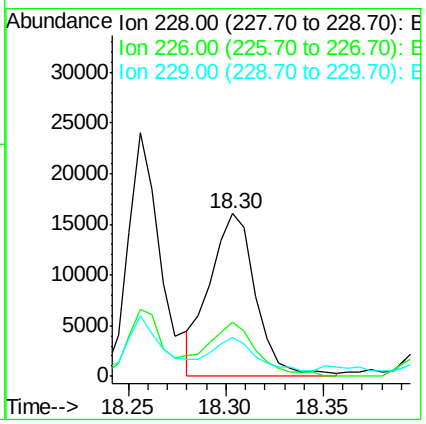


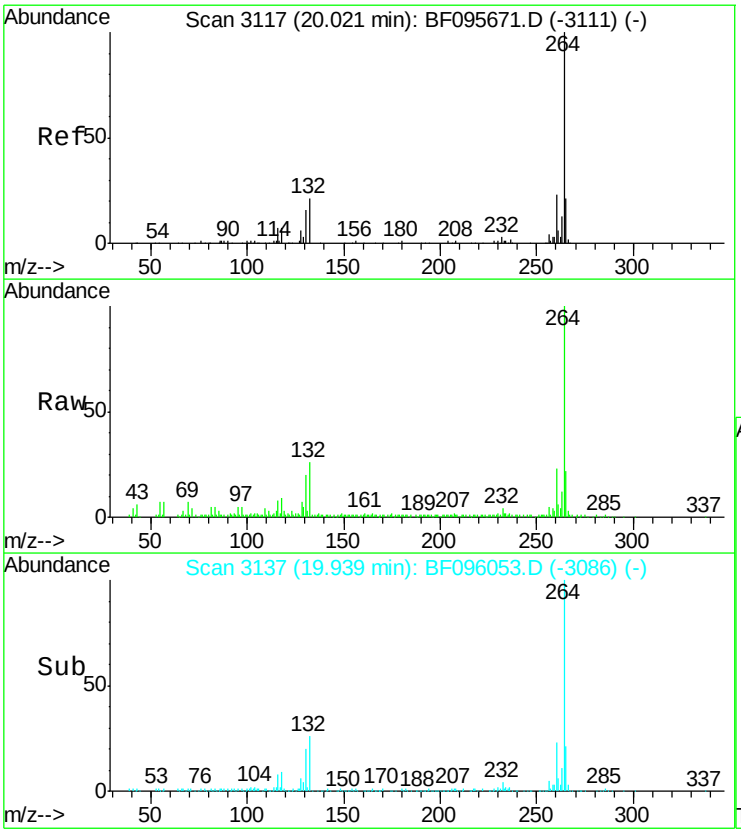
#82
Chrysene
Concen: 3.142 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:228 Resp: 26280

Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.9	37.3
229	23.9	15.8	23.6#

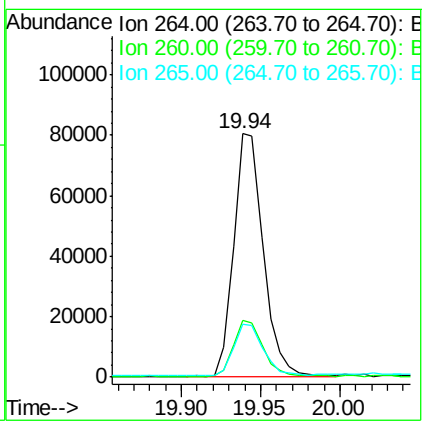


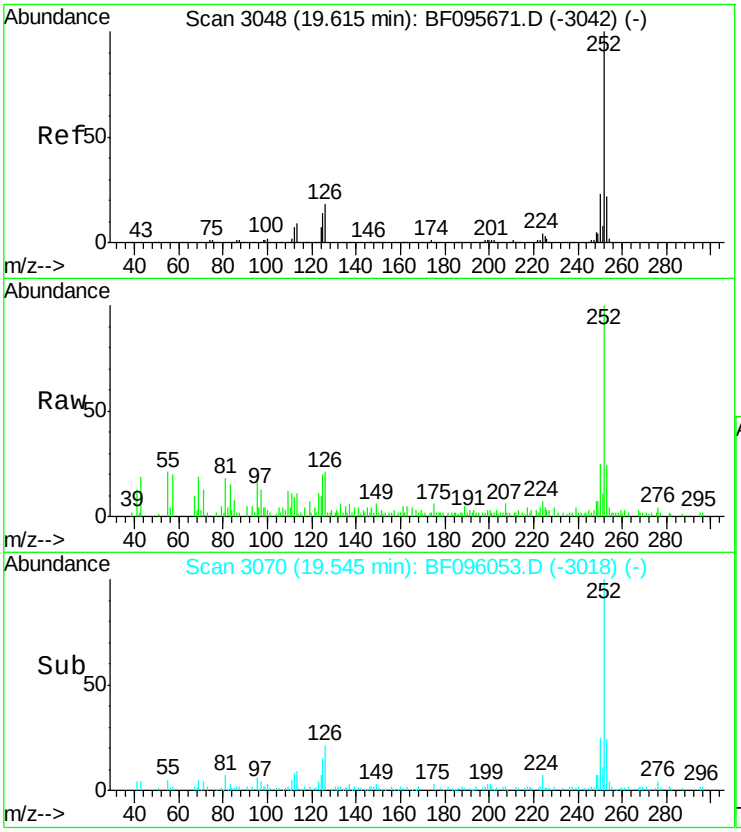


#86
Perylene-d12
Concen: 20.000 ng
RT: 19.94 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion:264 Resp: 104537

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.8	17.2	25.8



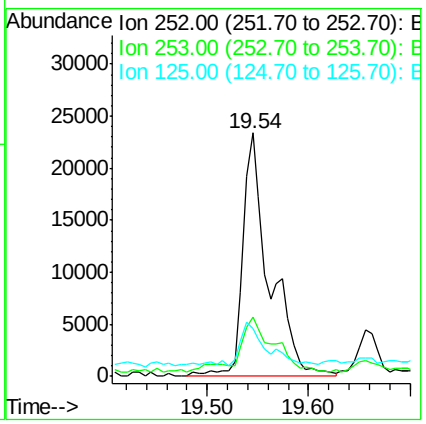


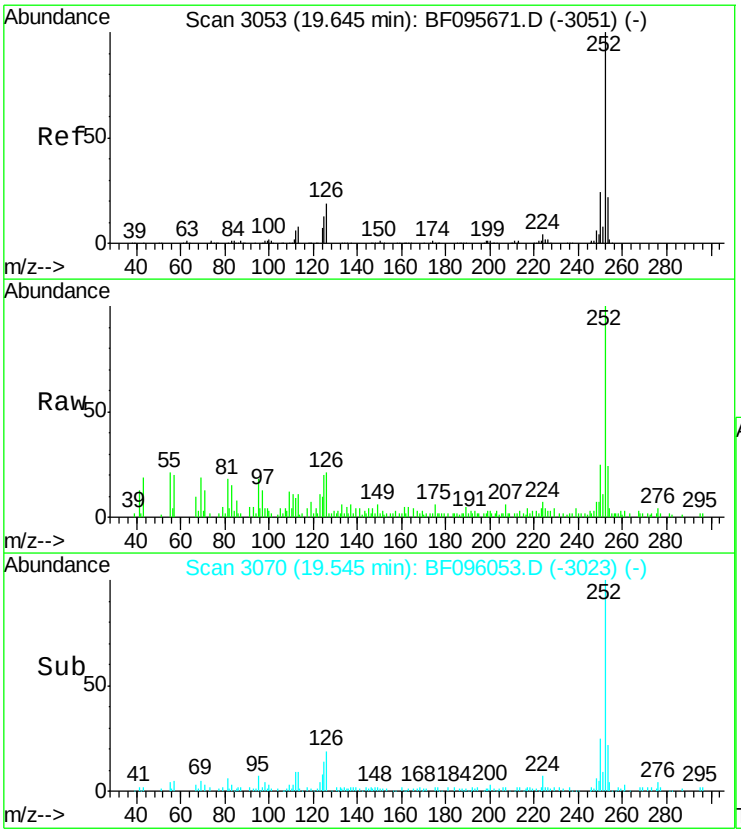
#87
Benzo(b)fluoranthene
Concen: 6.513 ng
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:252 Resp: 42634

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	19.6	9.8	14.8#

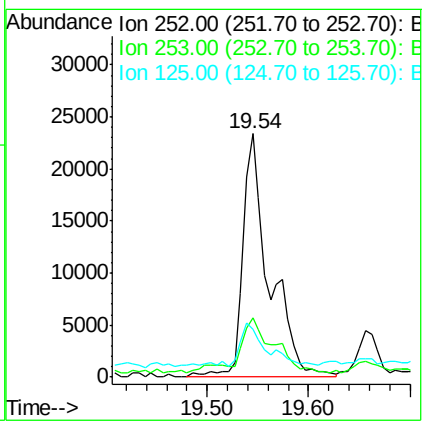


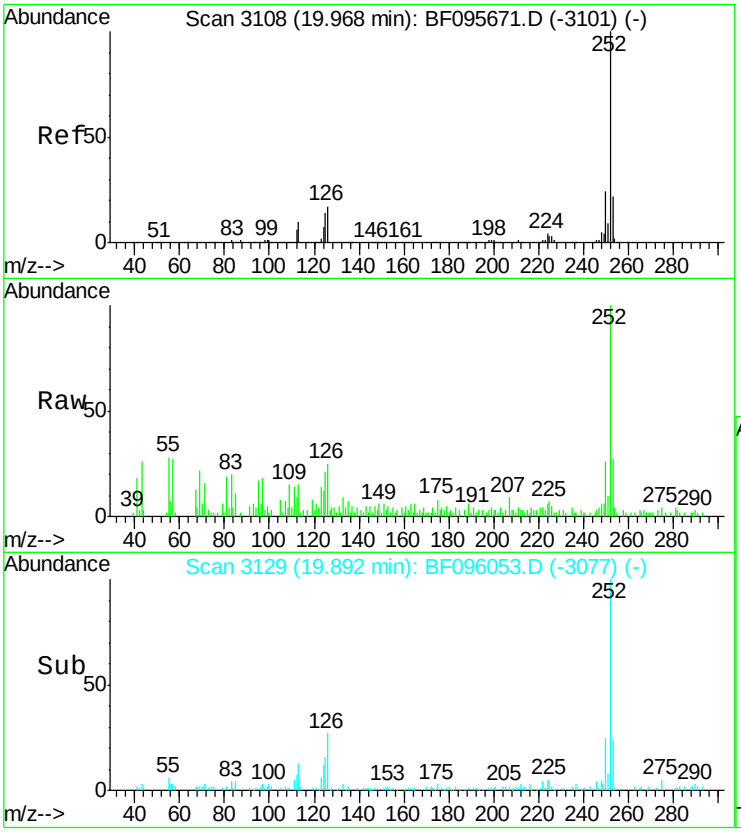


#88
Benzo(k)fluoranthene
Concen: 6.814 ng
RT: 19.54 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion:252 Resp: 42634

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	19.6	13.1	19.7



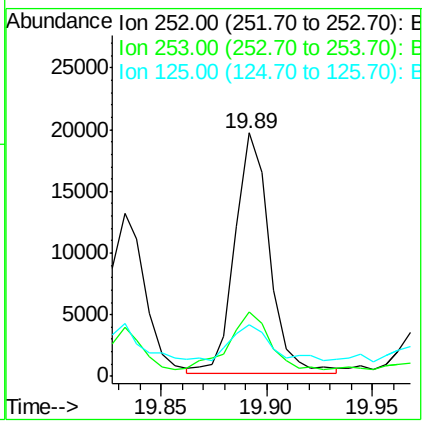


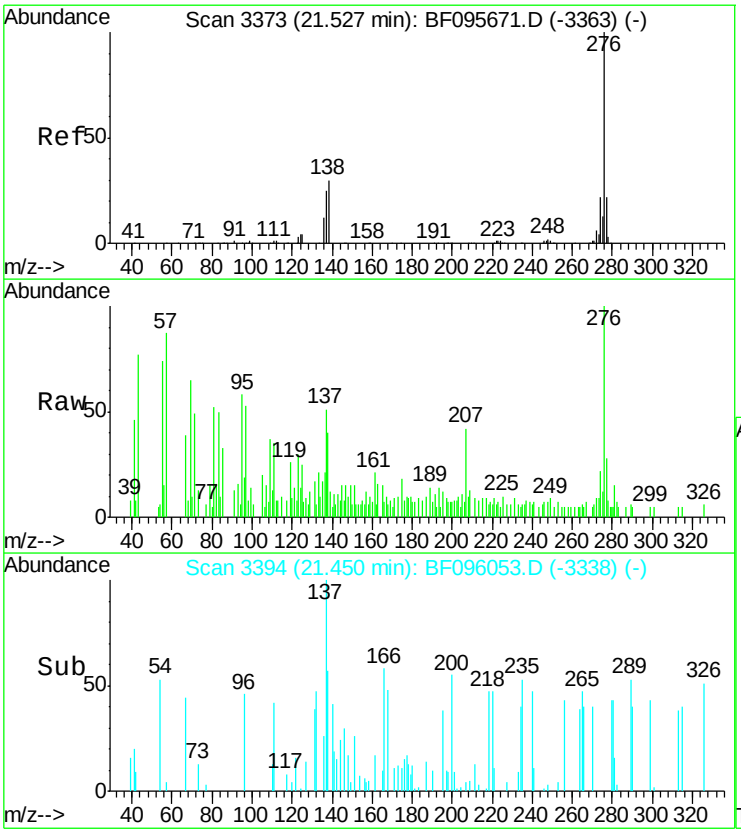
#89
Benzo(a)pyrene
Concen: 3.707 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Instrument :
BNA_F
ClientSampleId :
PL-01-061417-A

Tgt Ion:252 Resp: 22302

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.5	26.3#
125	21.2	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.641 ng
RT: 21.45 min Scan# 3394
Delta R.T. 0.03 min
Lab File: BF096053.D
Acq: 20 Jun 2017 19:43

Tgt Ion:276 Resp: 13743

Ion	Ratio	Lower	Upper
276	100		
277	28.4	18.6	28.0#
138	40.2	25.4	38.0#