Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF051817\
Data File : BF095262.D
Acq On : 19 May 2017 13:10
Operator : SJ/MA
Sample : I3186-05 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 19 15:08:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	93250	20.00	ng		0.00
21) Naphthalene-d8	9.79	136	361975	20.00	ng		0.00
38) Acenaphthene-d10	12.62	164	175249	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	272271	20.00	ng		0.00
75) Chrysene-d12	18.69	240	170730	20.00	ng		0.00
86) Perylene-d12	20.37	264	164602	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.78	112	109008	19.49	ng		0.05
7) Phenol-d6	7.34	99	154714	23.05	ng		0.03
23) Nitrobenzene-d5	8.70	82	79027	13.77	ng		0.02
41) 2,4,6-Tribromophenol	13.94	330	27195	18.95	ng		0.02
44) 2-Fluorobiphenyl	11.57	172	192435	15.80	ng		0.00
78) Terphenyl-d14	17.34	244	129749	16.74	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	12.28	163	33127	2.30	ng	#	96
50) 2,6-Dinitrotoluene	12.62	165	17165	5.85	ng	#	31
70) Phenanthrene	15.07	178	72502	4.63	ng		97
71) Anthracene	15.07	178	72502	4.54	ng		97
74) Fluoranthene	16.81	202	102024	6.36	ng		99
77) Pyrene	17.11	202	92168	7.22	ng		96
80) Benzo(a)anthracene	18.68	228	25264	2.54	ng		99
82) Chrysene	18.73	228	30778	3.20	ng		96
87) Benzo(b)fluoranthene	19.98	252	40559	3.99	ng		97
88) Benzo(k)fluoranthene	19.98	252	40559	4.13	ng		96
89) Benzo(a)pyrene	20.32	252	22620	2.41	ng	#	93

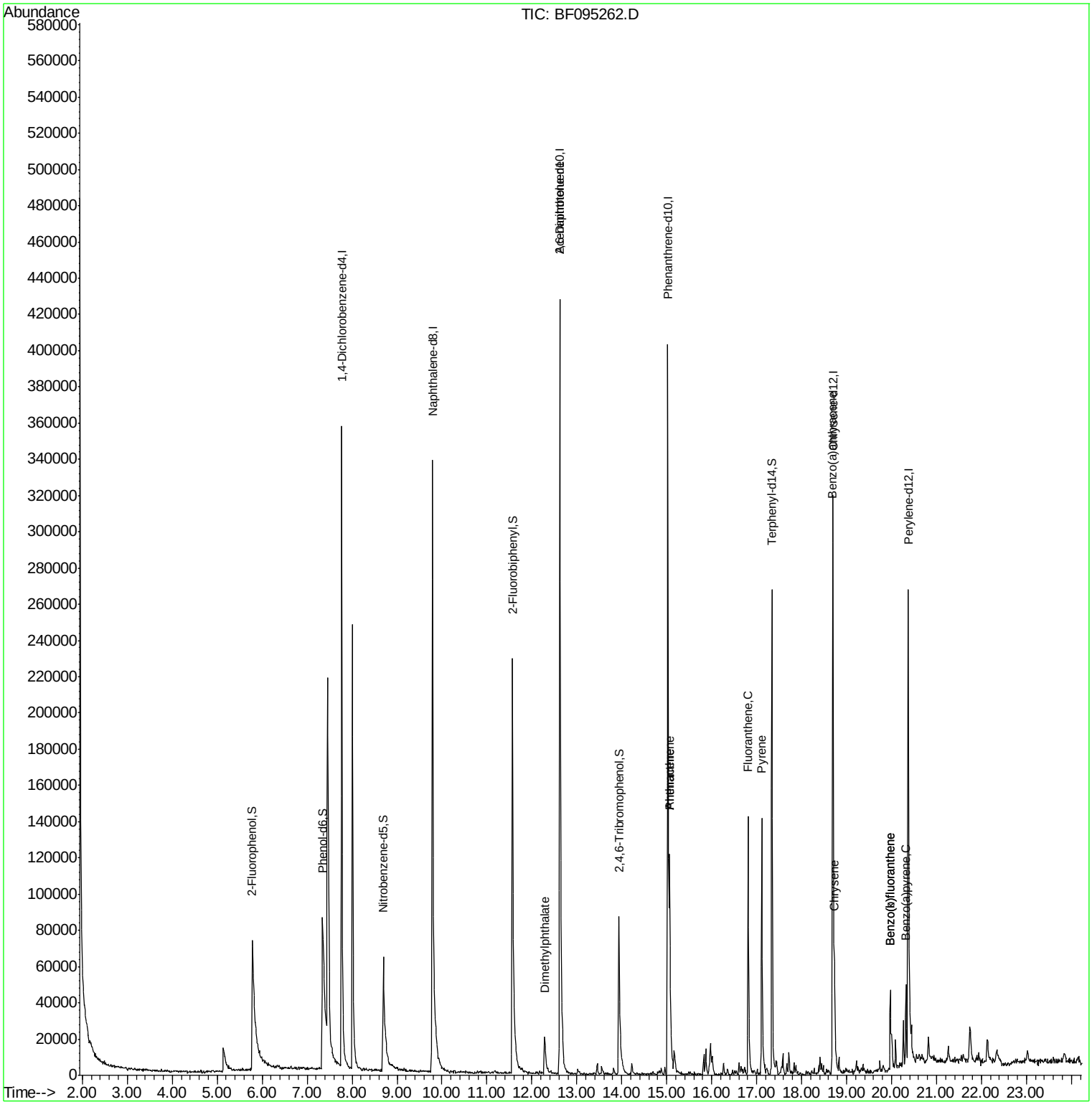
(#) = qualifier out of range (m) = manual integration (+) = signals summed

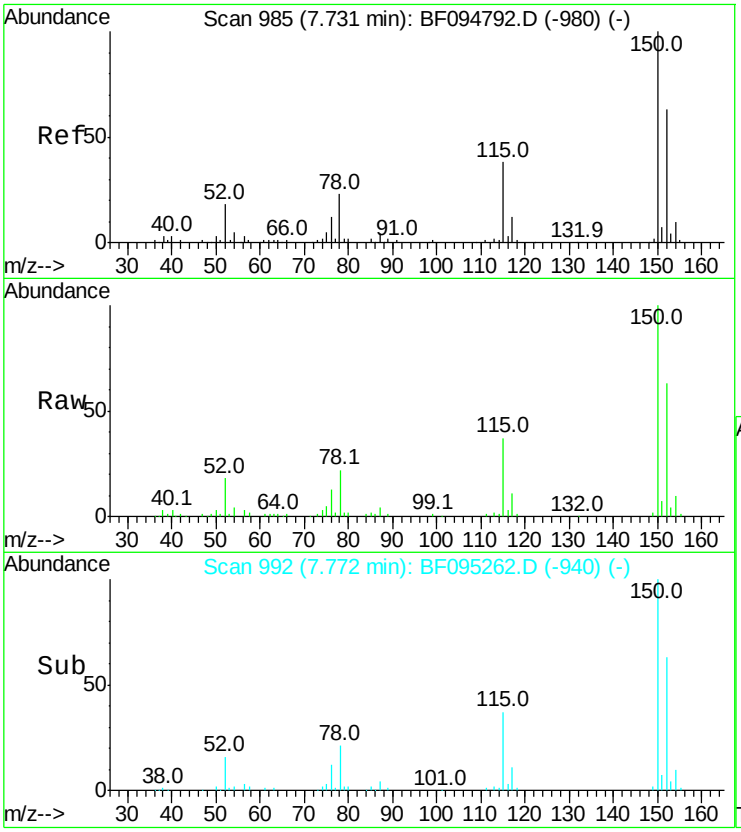
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF051817\
Data File : BF095262.D
Acq On : 19 May 2017 13:10
Operator : SJ/MA
Sample : I3186-05 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 19 15:08:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



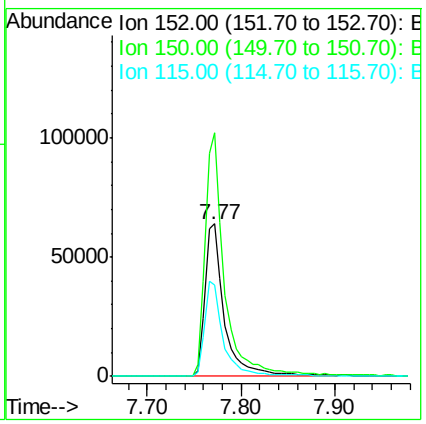


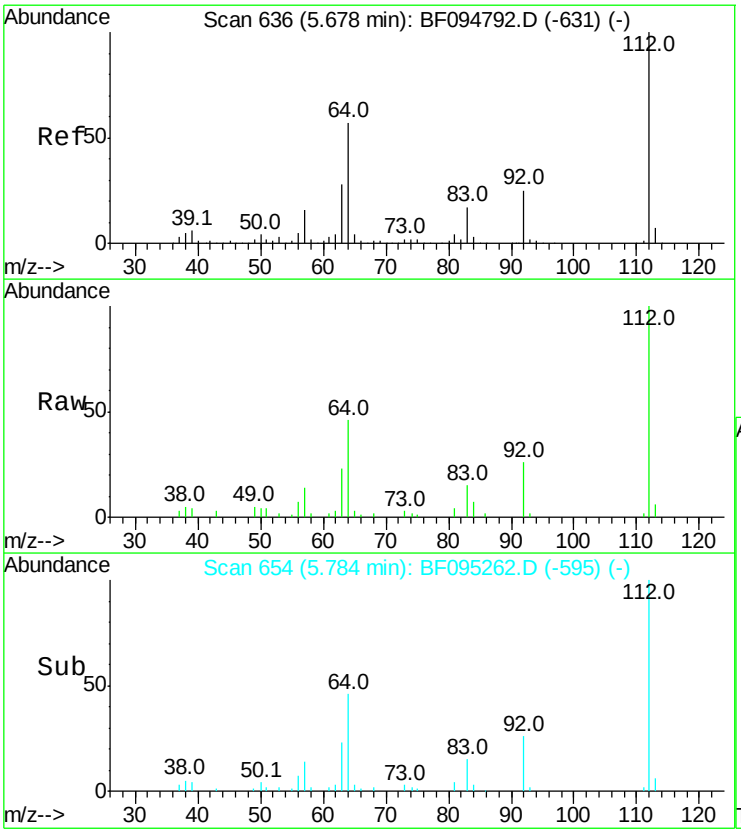
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 93250

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	59.4	52.2	78.2

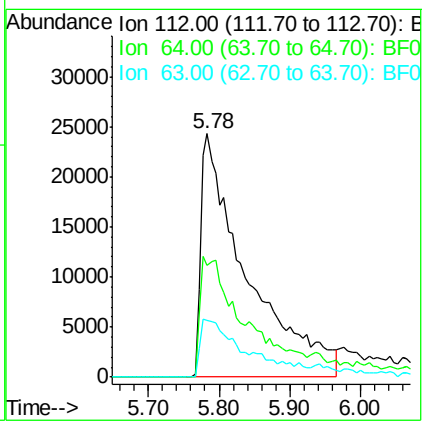


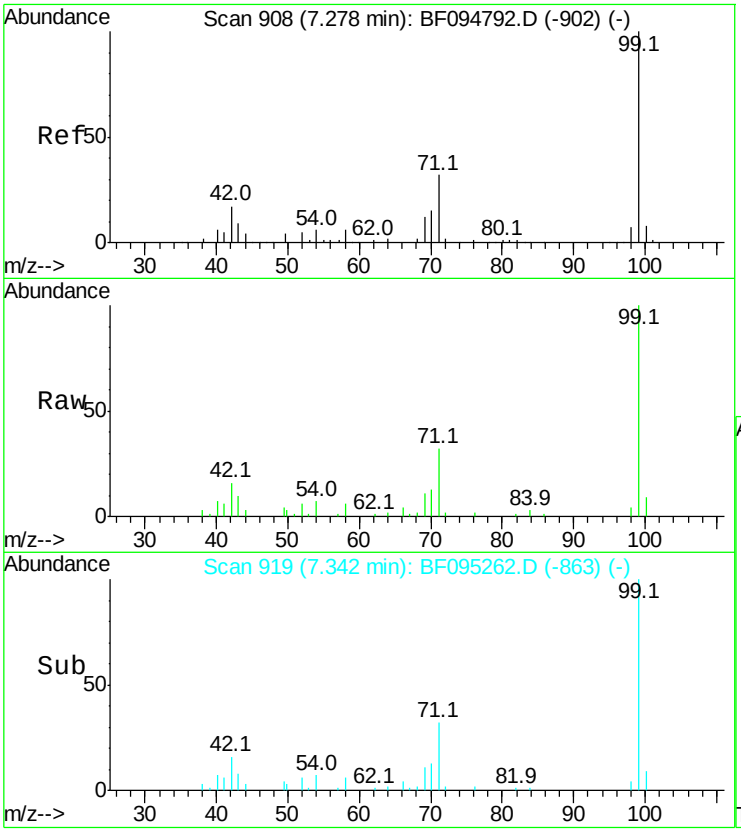


#5
2-Fluorophenol
Concen: 19.49 ng
RT: 5.78 min Scan# 654
Delta R.T. 0.05 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:112 Resp: 109008

Ion	Ratio	Lower	Upper
112	100		
64	46.1	46.0	69.0
63	23.4	23.4	35.0



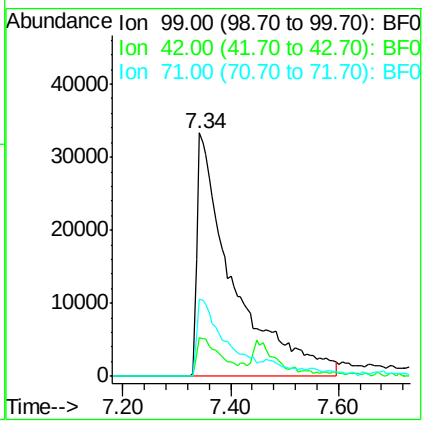


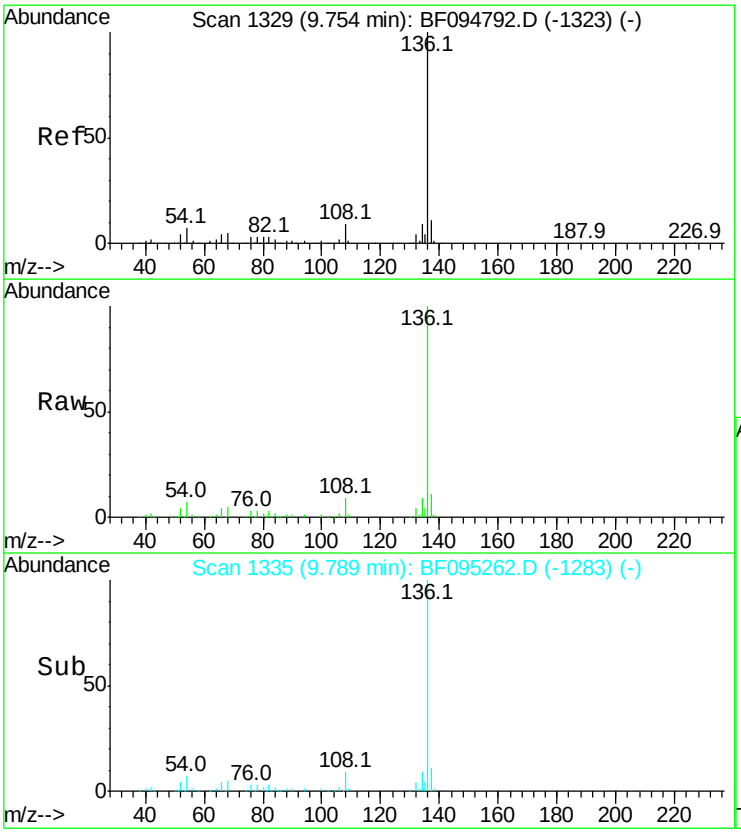
#7
Phenol-d6
Concen: 23.05 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.03 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 154714

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	31.7	24.5	36.7

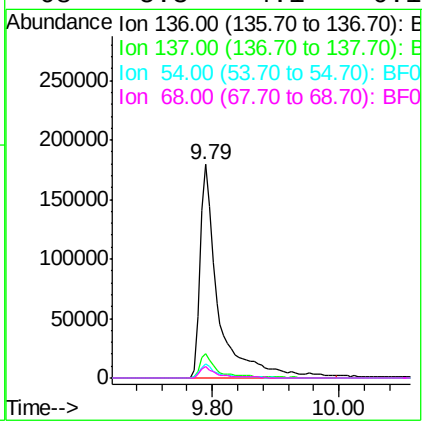


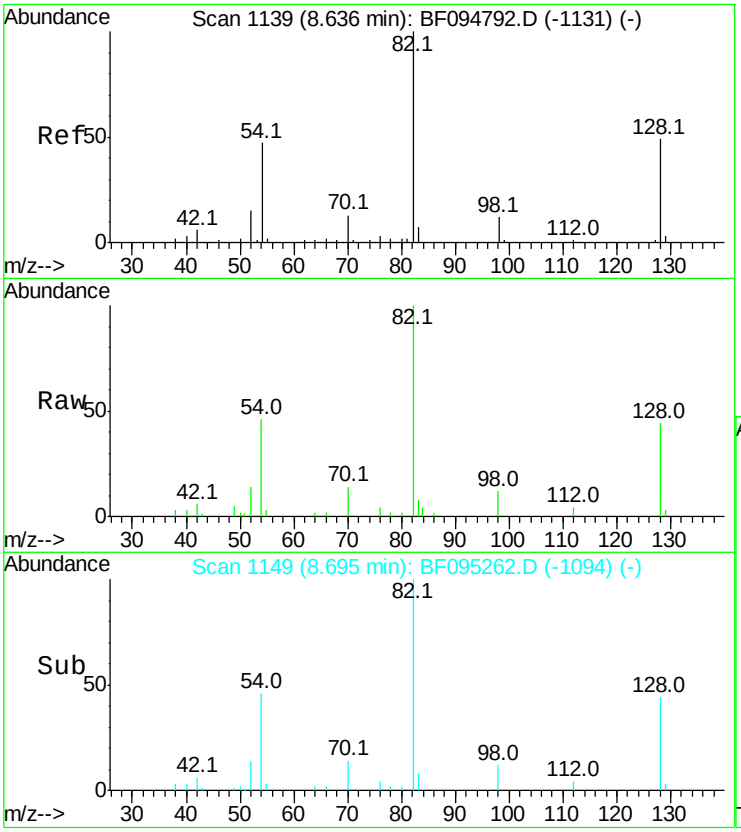


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:136 Resp: 361975

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.5	4.9	7.3
68	5.3	4.1	6.1



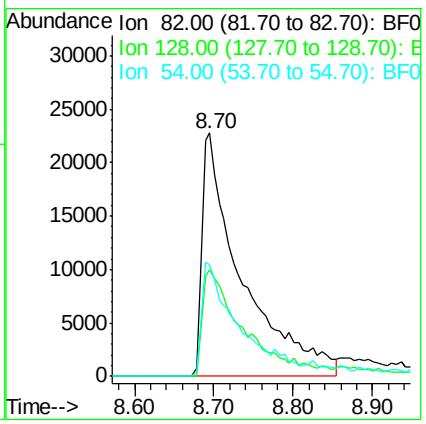


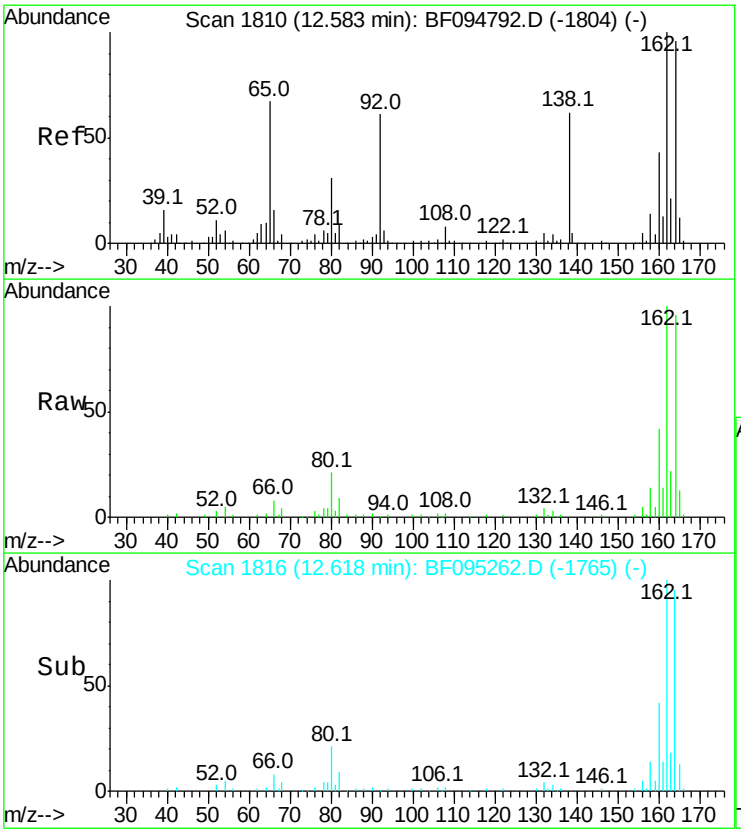
#23
Nitrobenzene-d5
Concen: 13.77 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 79027

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.0	51.0
54	45.8	42.2	63.2

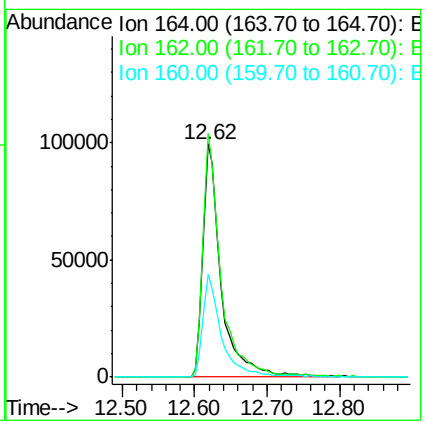


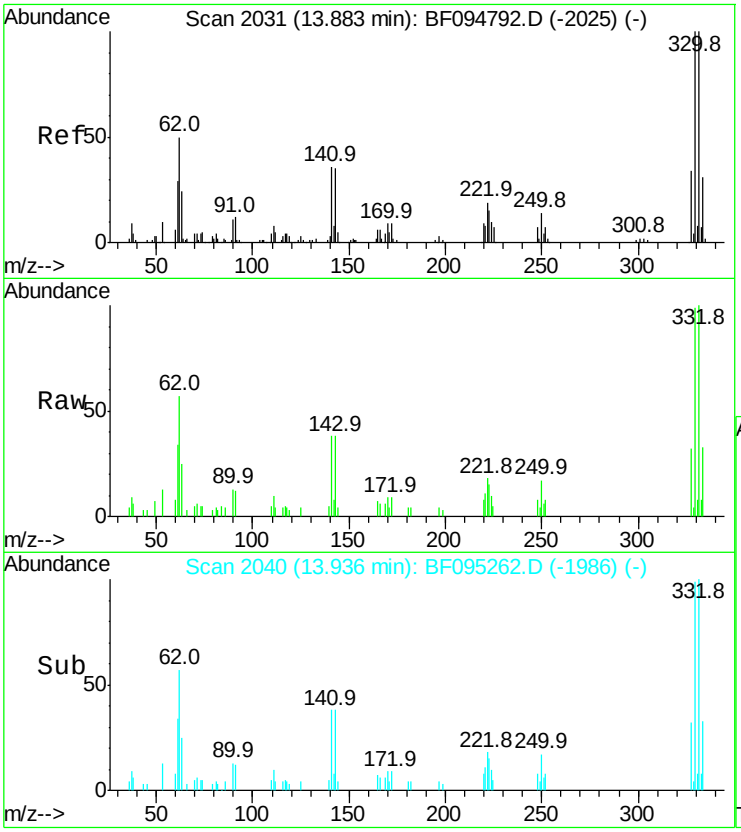


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:164 Resp: 175249

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	44.2	36.2	54.2



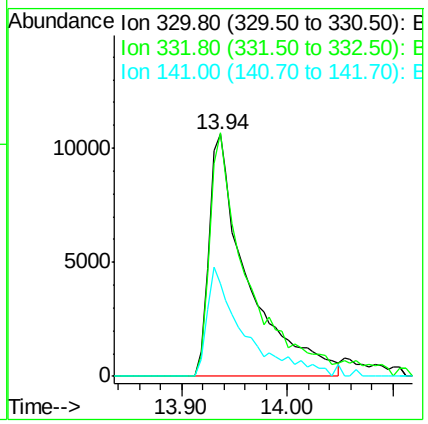


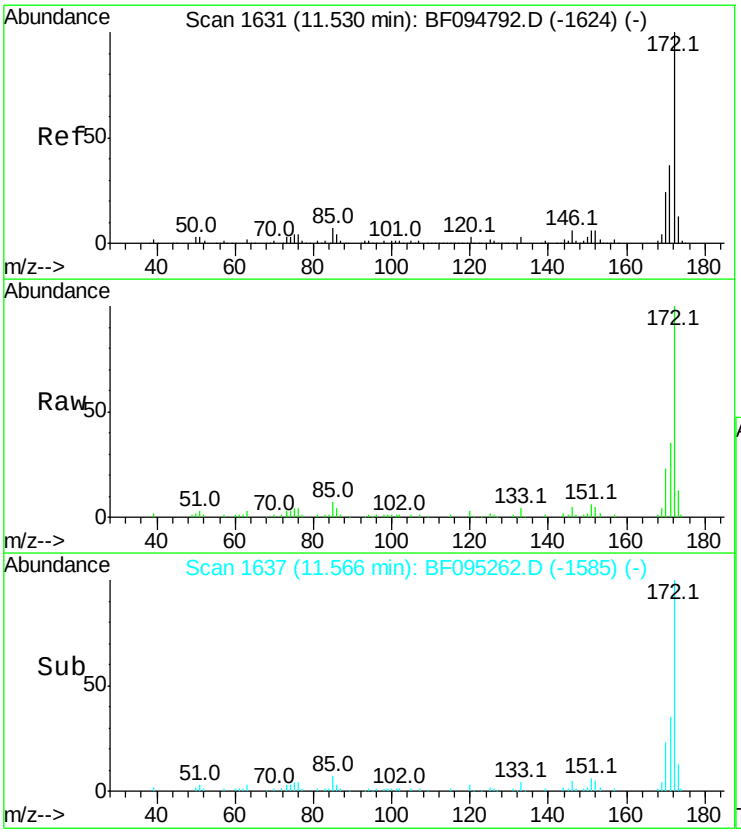
#41
2,4,6-Tribromophenol
Concen: 18.95 ng
RT: 13.94 min Scan# 2040
Delta R.T. 0.02 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 27195

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	42.6	31.4	47.2

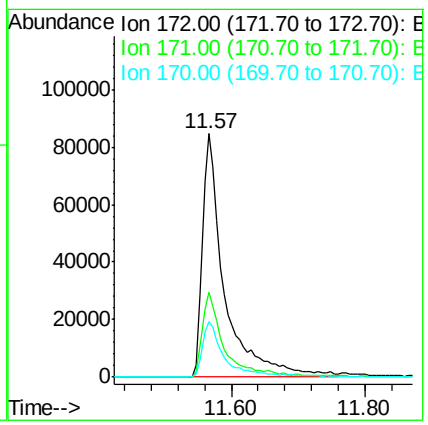


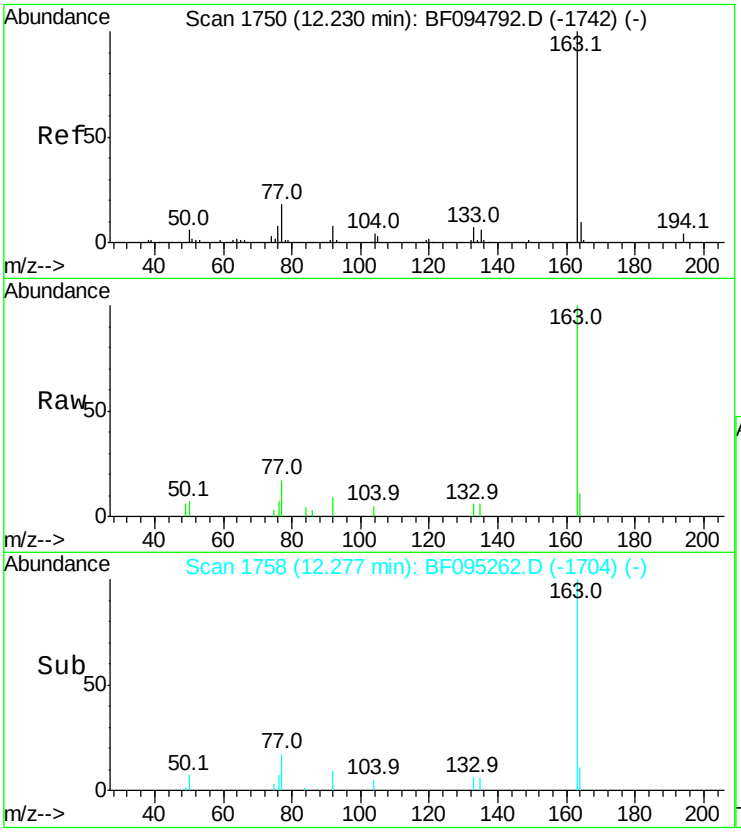


#44
2-Fluorobiphenyl
Concen: 15.80 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:172 Resp: 192435

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	22.6	19.8	29.8



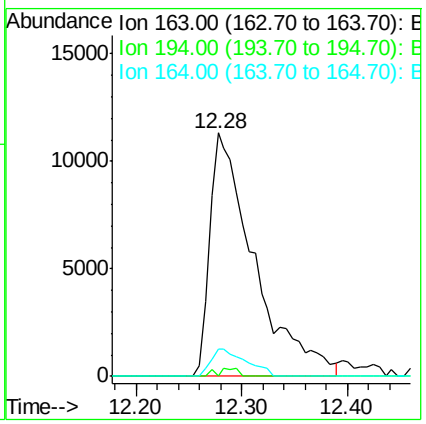


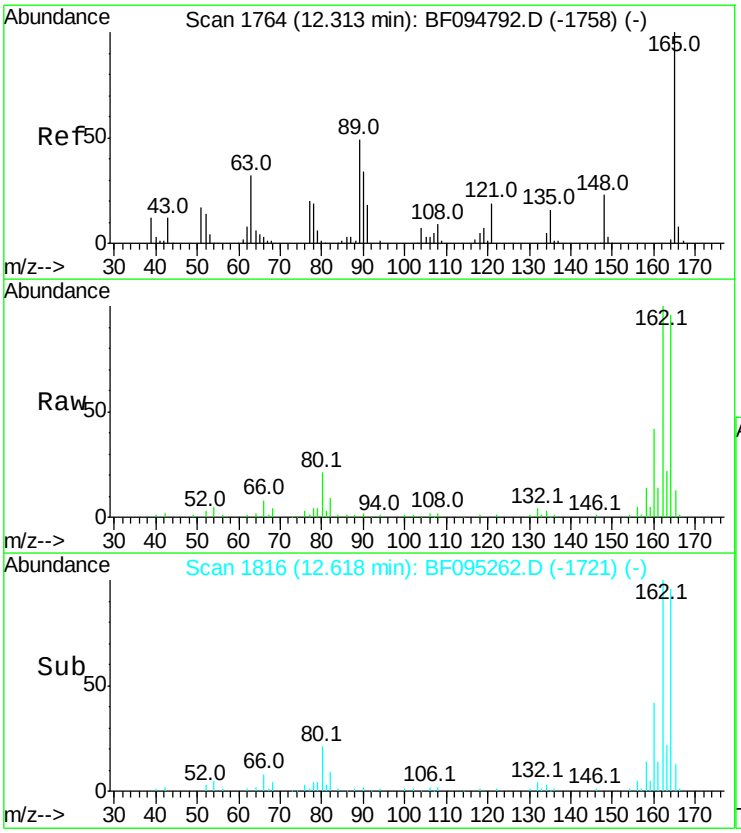
#49
Dimethylphthalate
Concen: 2.30 ng
RT: 12.28 min Scan# 1758
Delta R.T. 0.02 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 33127

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	11.3	8.4	12.6

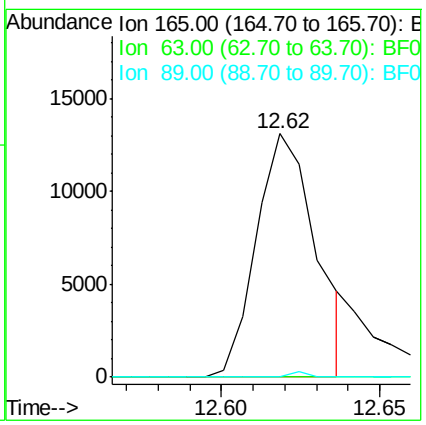


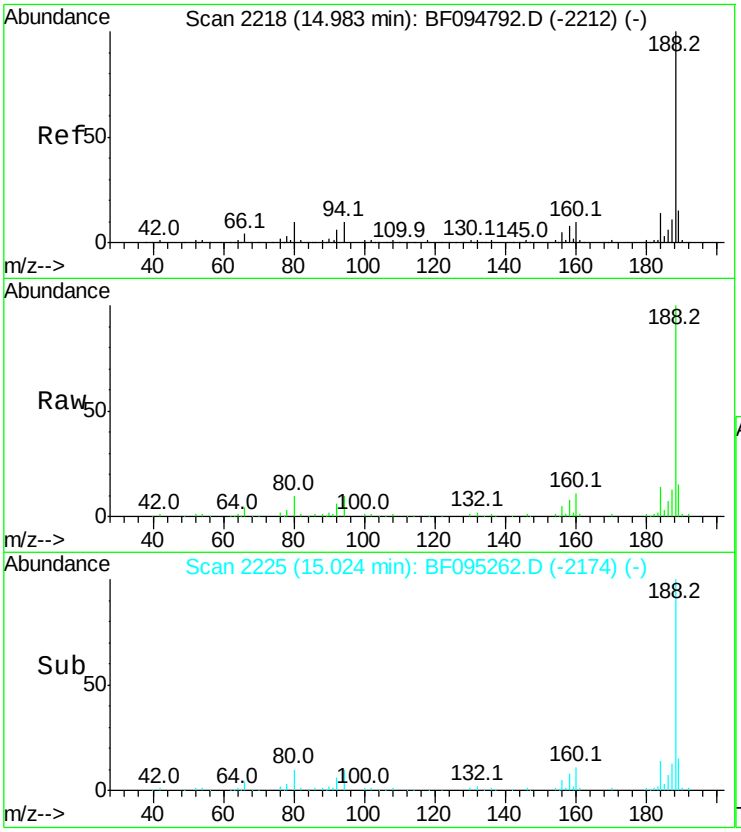


#50
2,6-Dinitrotoluene
Concen: 5.85 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.26 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:165 Resp: 17165

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



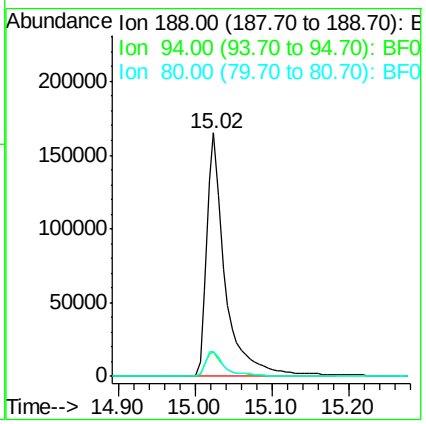


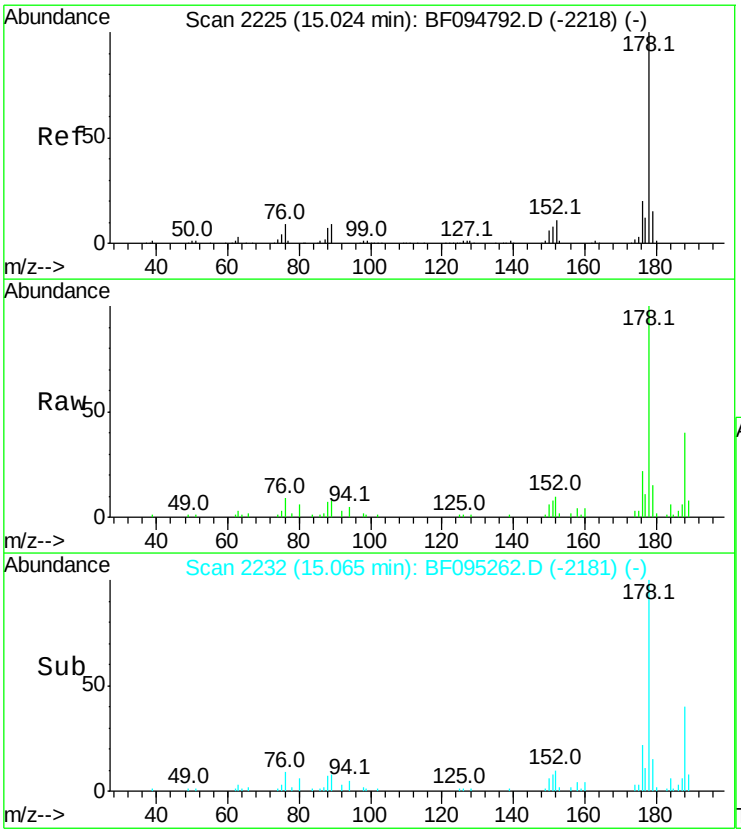
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 272271

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.3	10.2	15.2

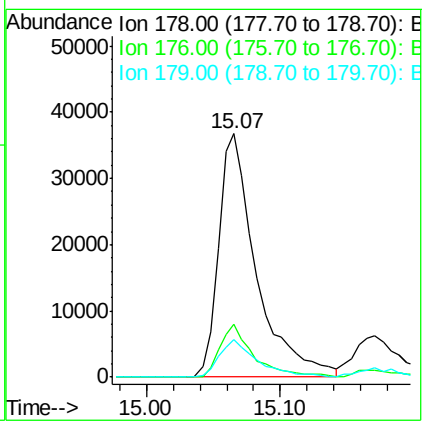


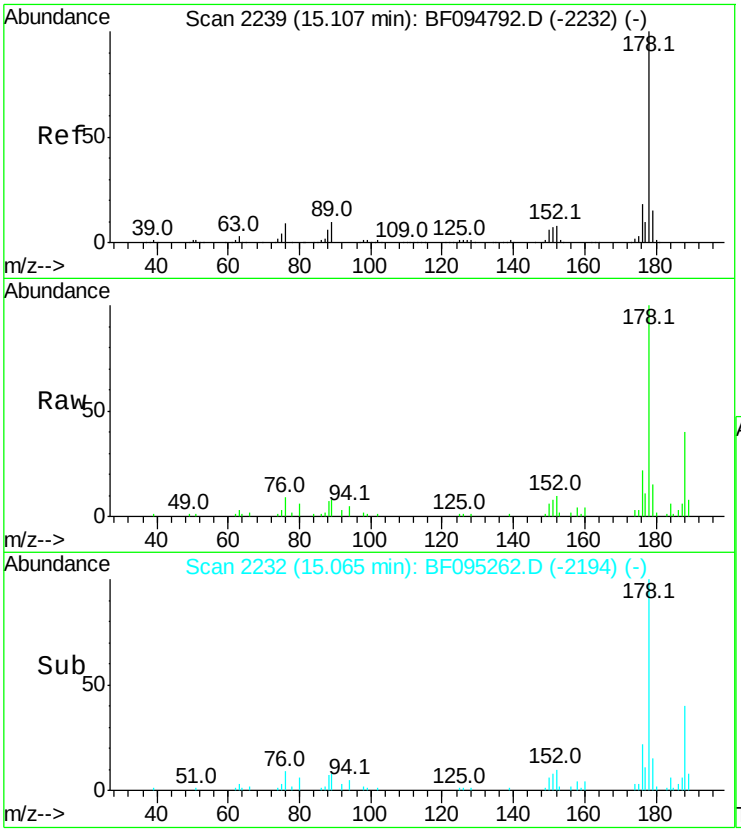


#70
Phenanthrene
Concen: 4.63 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:178 Resp: 72502

Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.2	24.4
179	15.2	12.6	19.0



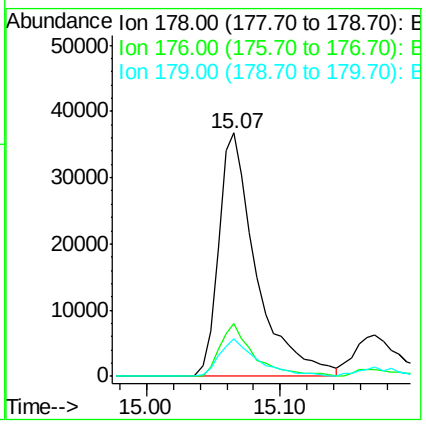


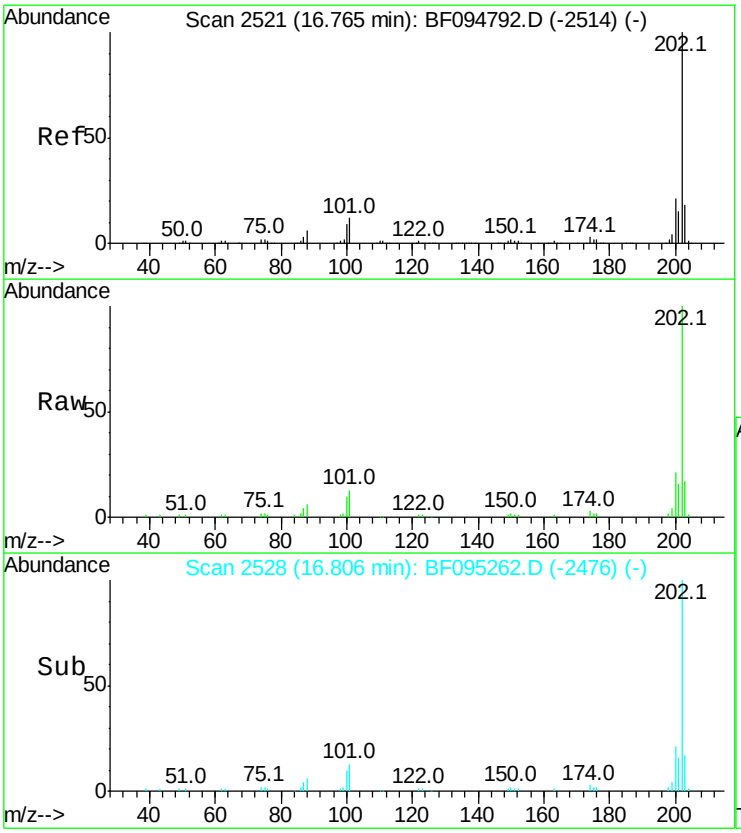
#71
Anthracene
Concen: 4.54 ng
RT: 15.07 min Scan# 2232
Delta R.T. -0.08 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 72502

Ion	Ratio	Lower	Upper
178	100		
176	21.8	15.8	23.8
179	15.2	12.7	19.1

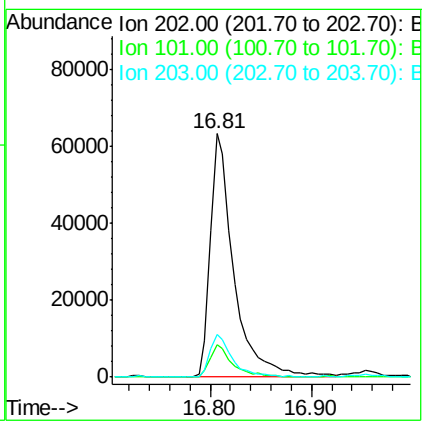


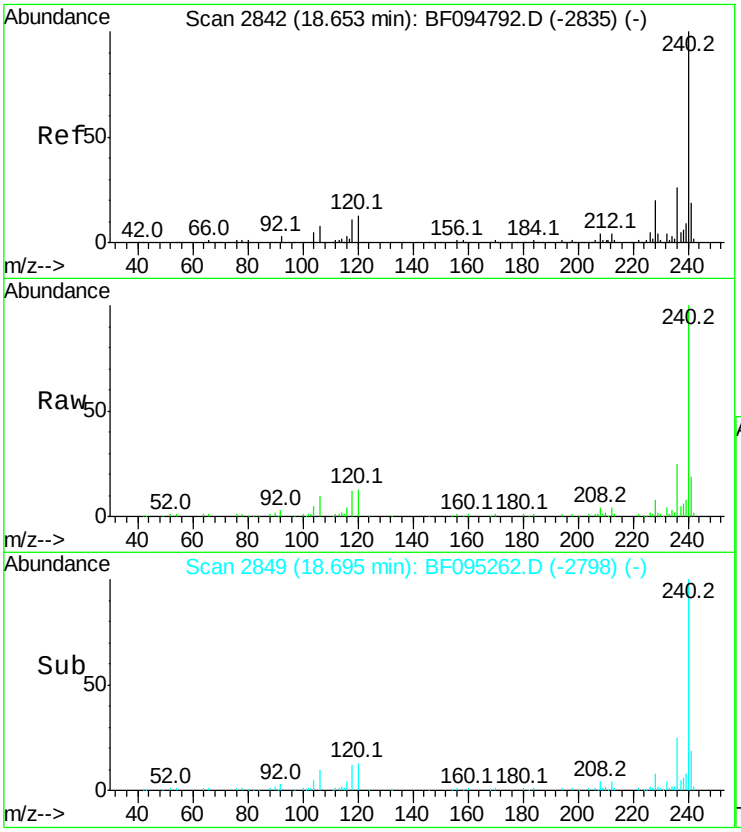


#74
Fluoranthene
Concen: 6.36 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:202 Resp: 102024

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.4	0.0	38.1



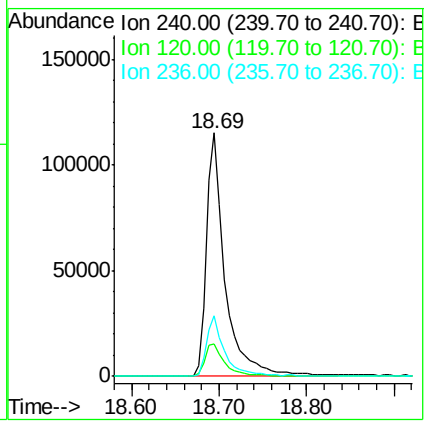


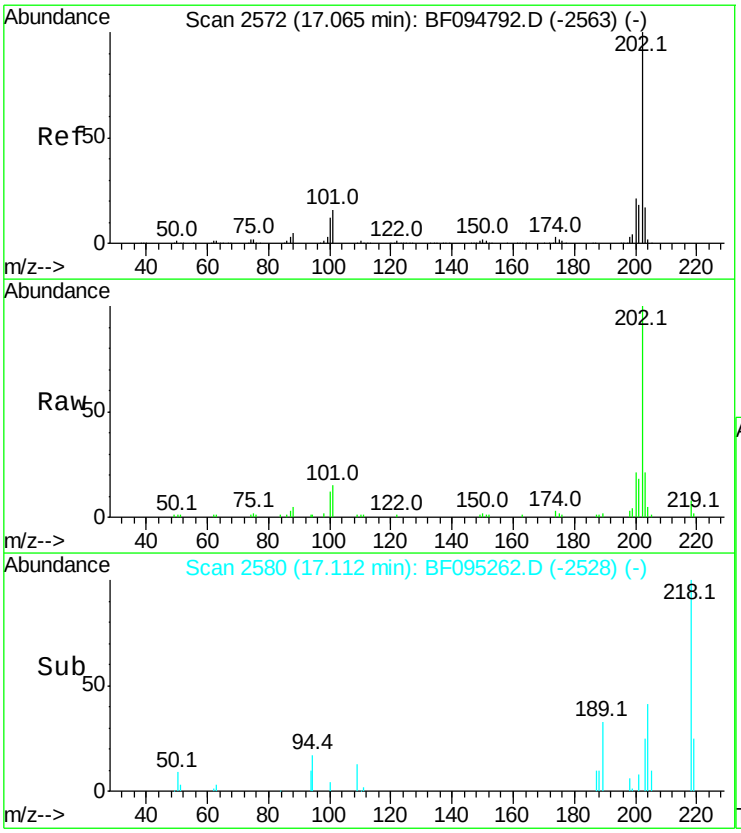
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 170730

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	24.8	20.5	30.7

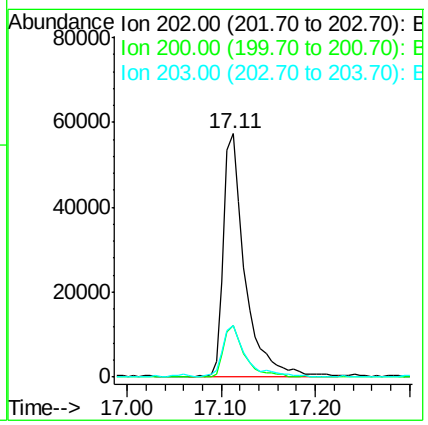


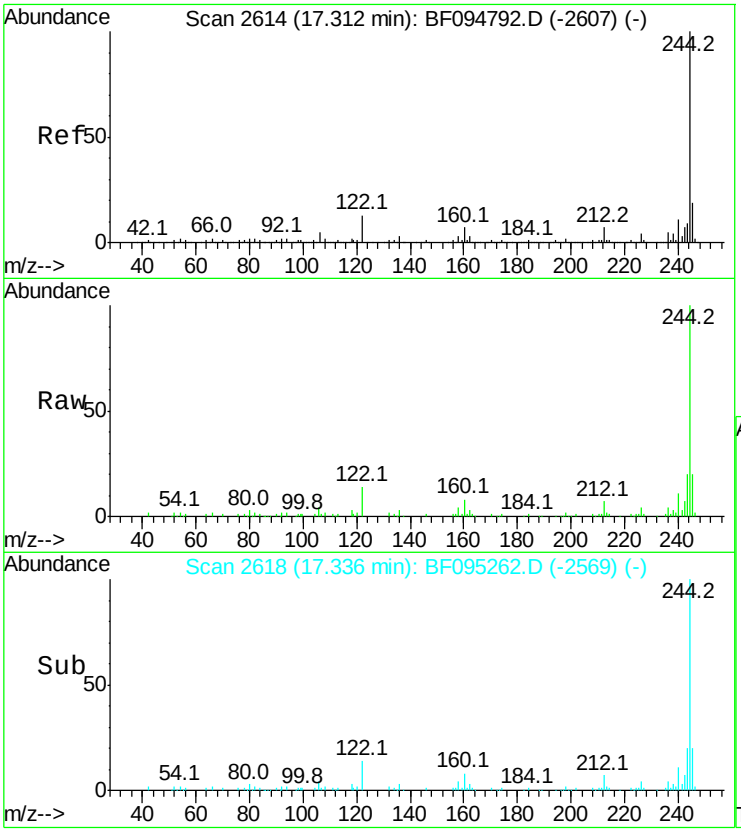


#77
Pyrene
Concen: 7.22 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:202 Resp: 92168

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



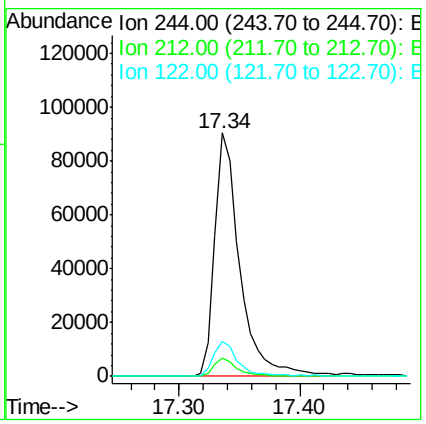


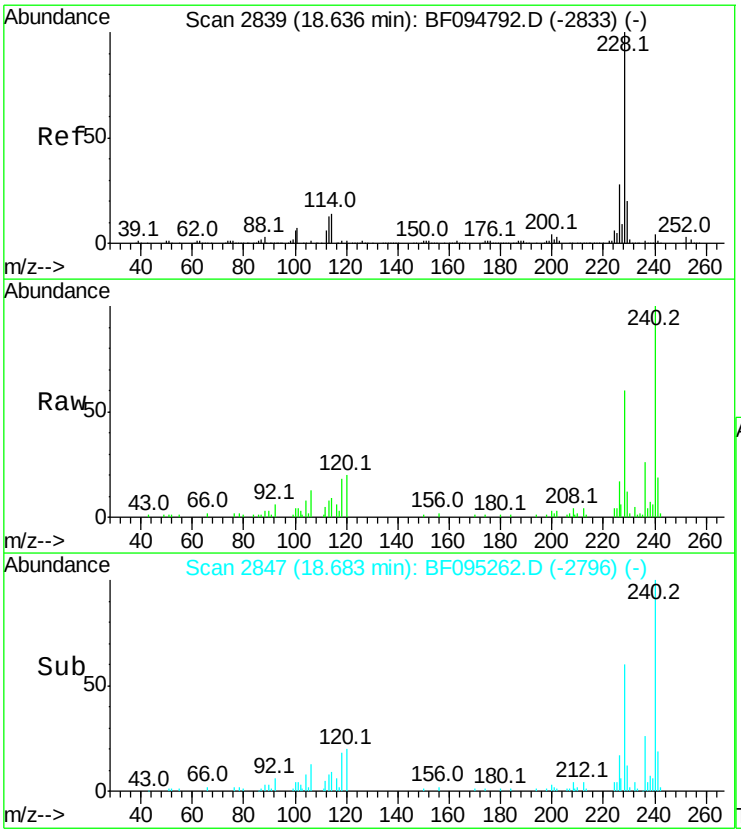
#78
Terphenyl-d14
Concen: 16.74 ng
RT: 17.34 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 129749

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.3	10.3	15.5

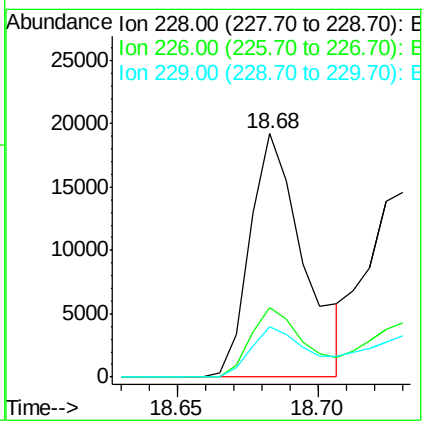


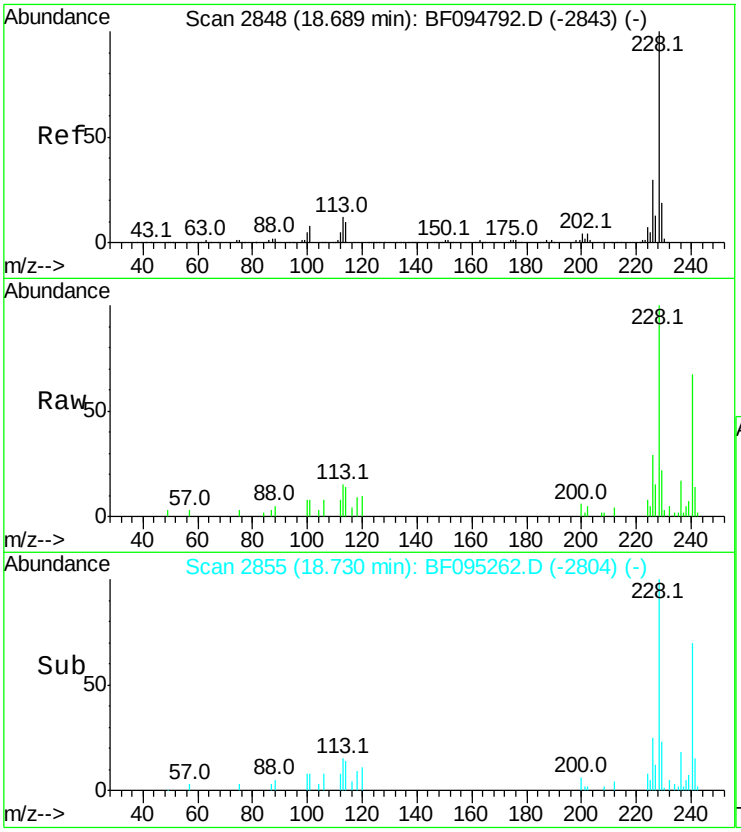


#80
Benzo(a)anthracene
Concen: 2.54 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:228 Resp: 25264

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.4	16.3	24.5



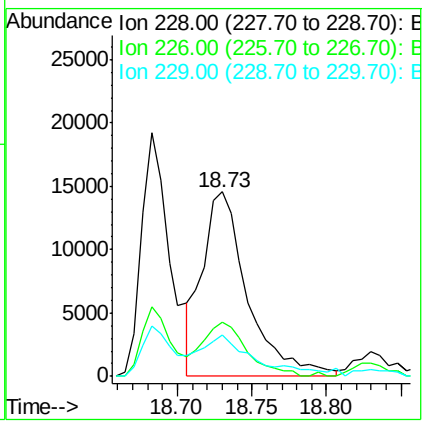


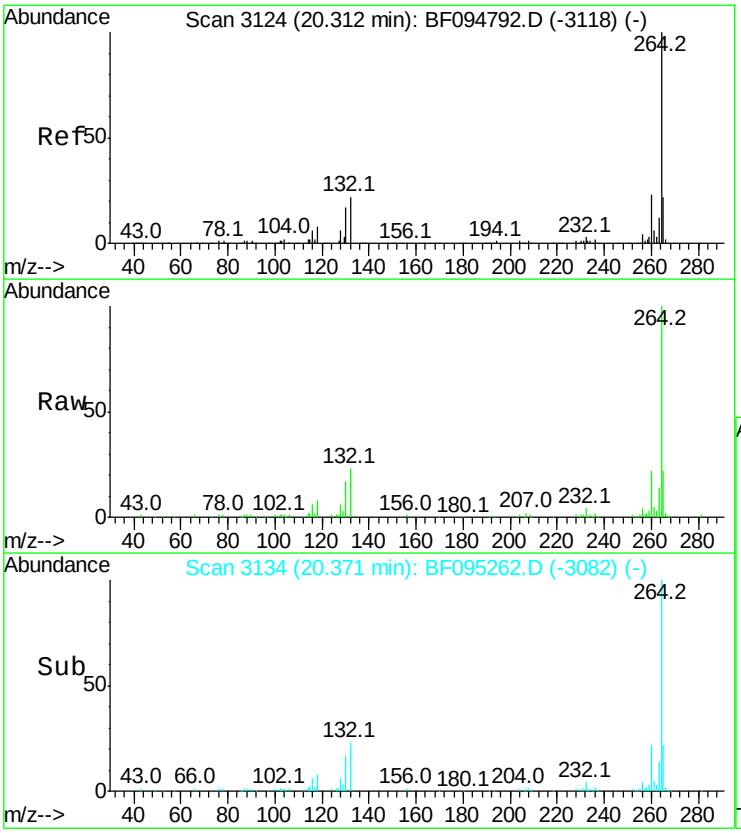
#82
Chrysene
Concen: 3.20 ng
RT: 18.73 min Scan# 2855
Delta R.T. 0.00 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 30778

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	22.3	15.8	23.6

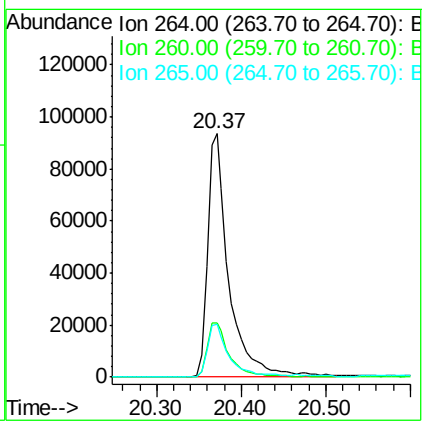


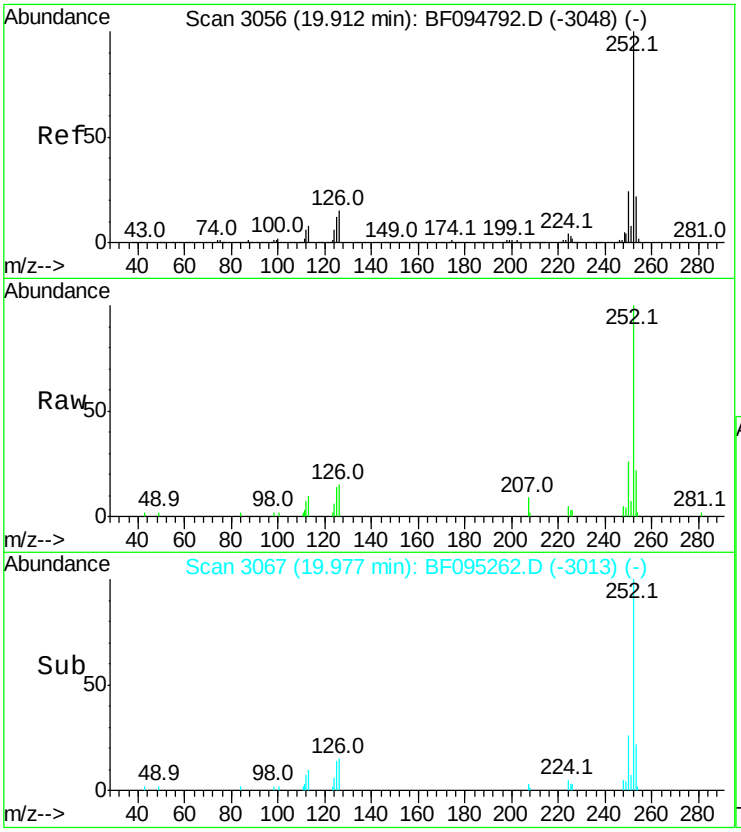


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:264 Resp: 164602

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	21.7	17.2	25.8



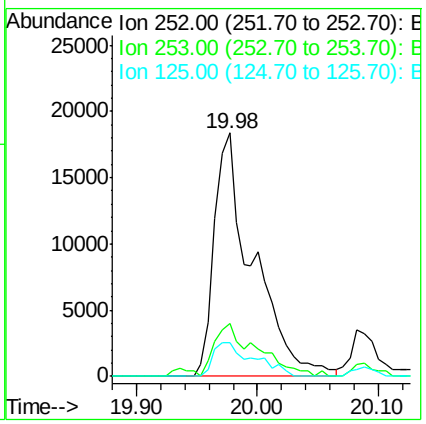


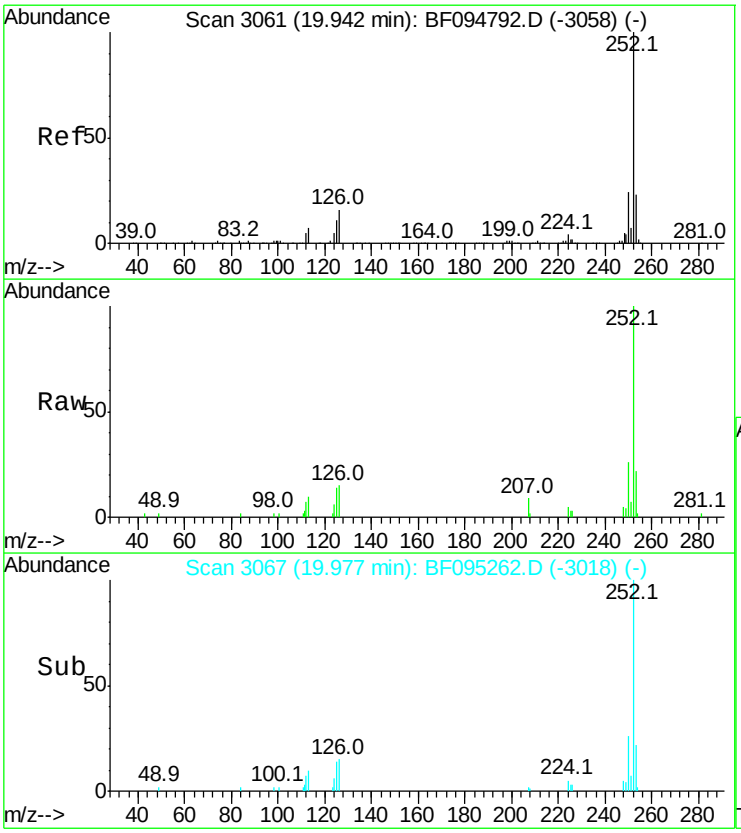
#87
Benzo(b)fluoranthene
Concen: 3.99 ng
RT: 19.98 min Scan# 3067
Delta R.T. 0.02 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 40559

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	13.9	9.8	14.8

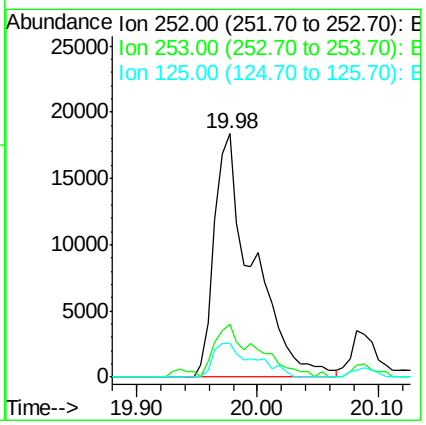


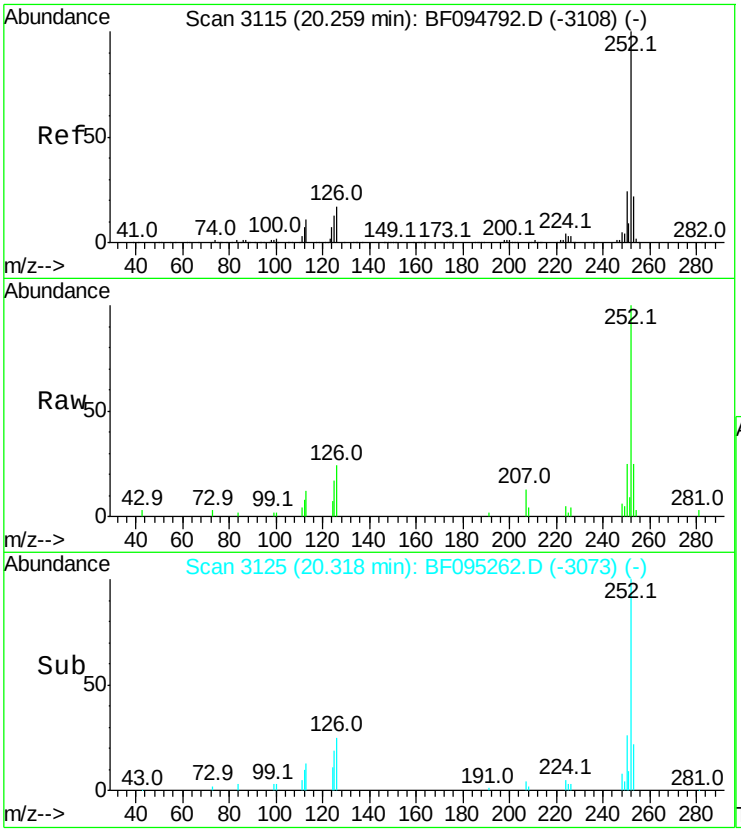


#88
Benzo(k)fluoranthene
Concen: 4.13 ng
RT: 19.98 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Tgt Ion:252 Resp: 40559

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	13.9	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.41 ng
RT: 20.32 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BF095262.D
Acq: 19 May 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 22620

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	16.6	11.0	16.4#