Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098854.D
Acq On : 27 Sep 2017 11:00
Operator : SJ/JU
Sample : I5363-09RE 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 28 01:46:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	153700	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	640528	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	288531	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	494509	20.00	ng		0.00
75) Chrysene-d12	14.07	240	290019	20.00	ng		-0.01
86) Perylene-d12	15.57	264	278809	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	144879	15.01	ng		-0.02
7) Phenol-d6	6.53	99	178311	14.97	ng		-0.02
23) Nitrobenzene-d5	7.47	82	105288	10.54	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	33750	14.29	ng		-0.02
44) 2-Fluorobiphenyl	9.27	172	219289	12.69	ng		-0.01
78) Terphenyl-d14	13.02	244	168545	13.22	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.47	82	104347	5.05	ng	#	64
50) 2,6-Dinitrotoluene	9.95	165	37766	7.97	ng	#	26
56) 2,4-Dinitrotoluene	9.95	165	37766	6.14	ng	#	23
70) Phenanthrene	11.46	178	63856	2.41	ng		97
74) Fluoranthene	12.65	202	94638	3.53	ng		97
77) Pyrene	12.88	202	81178	3.67	ng		96
80) Benzo(a)anthracene	14.06	228	37167	2.12	ng		95
82) Chrysene	14.10	228	37088	2.22	ng		97
87) Benzo(b)fluoranthene	15.13	252	64857	3.78	ng	#	91
88) Benzo(k)fluoranthene	15.13	252	64857	3.83	ng	#	94

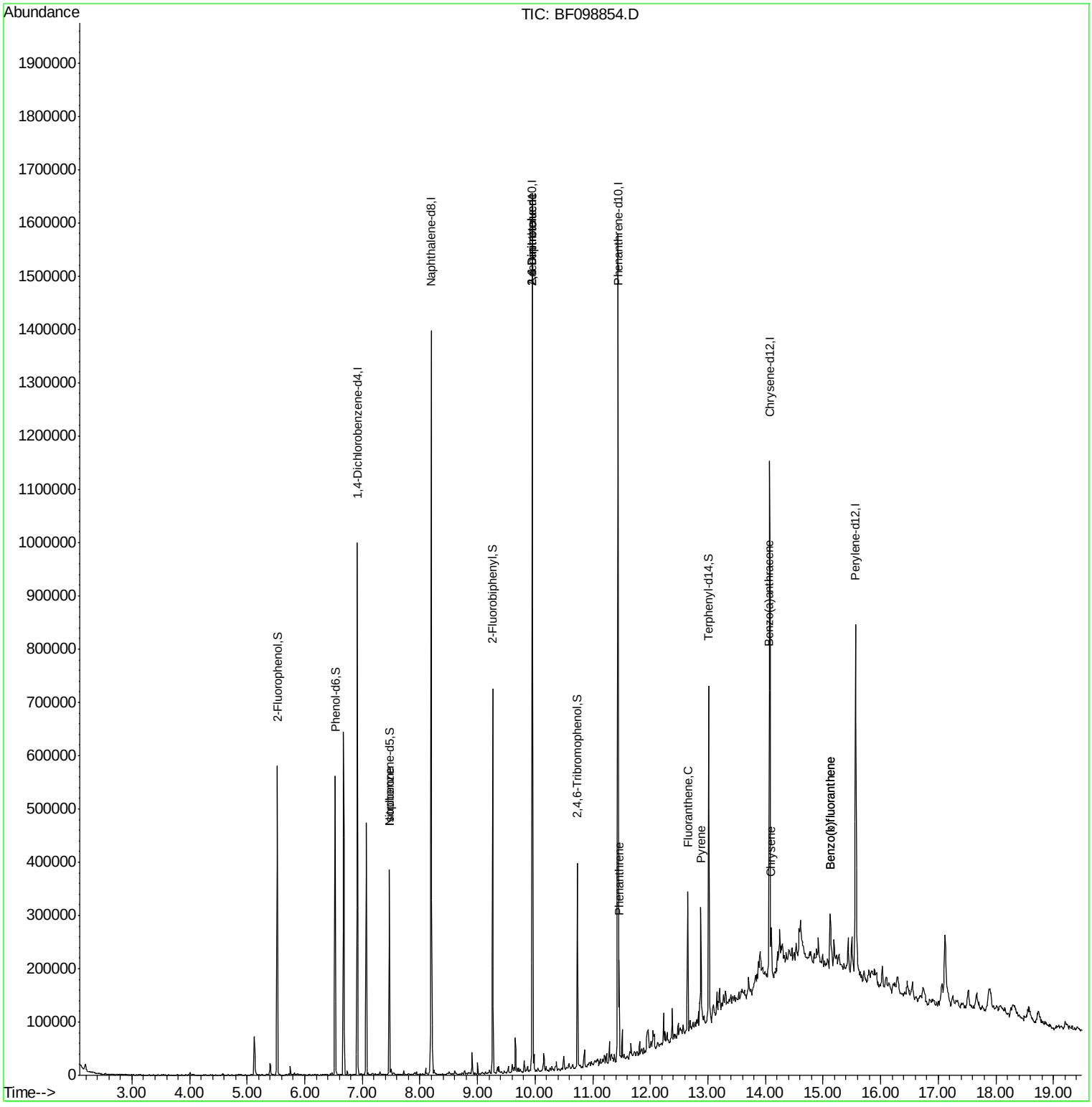
(#) = qualifier out of range (m) = manual integration (+) = signals summed

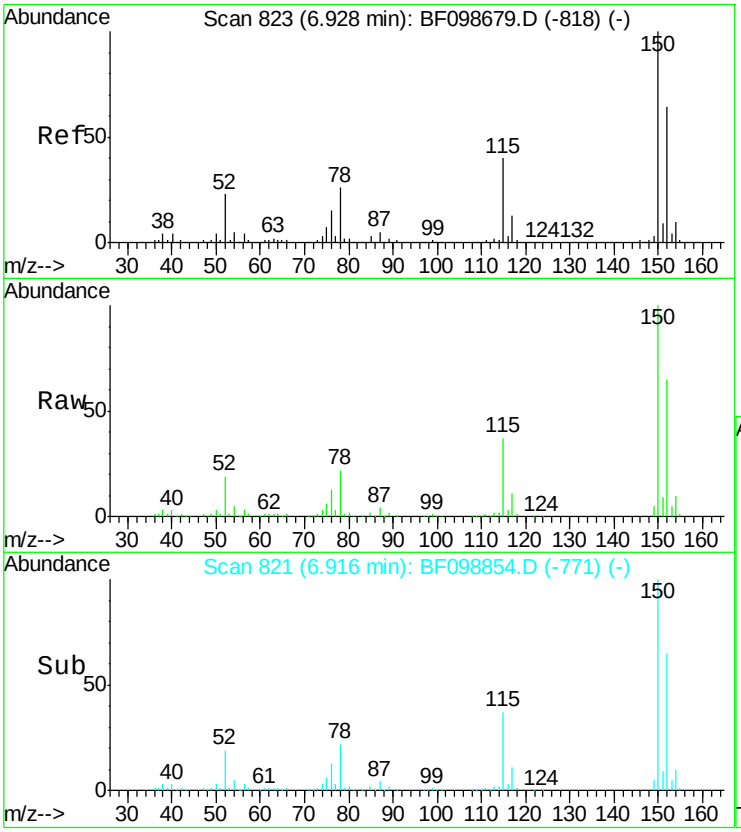
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098854.D
Acq On : 27 Sep 2017 11:00
Operator : SJ/JU
Sample : I5363-09RE 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 28 01:46:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



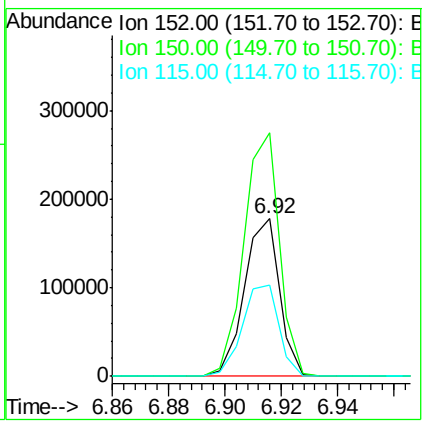


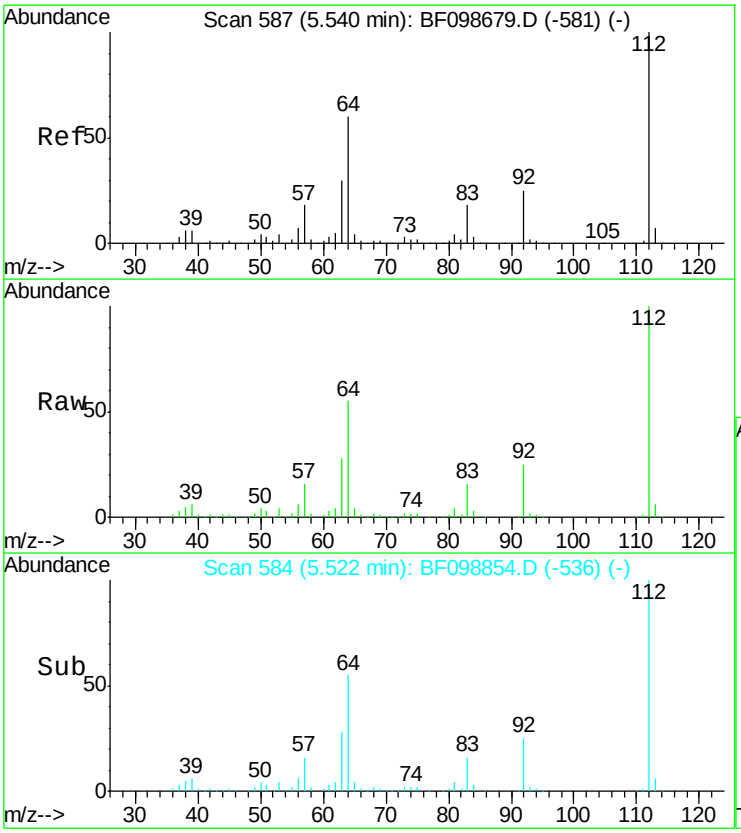
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 153700

Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	57.7	50.1	75.1

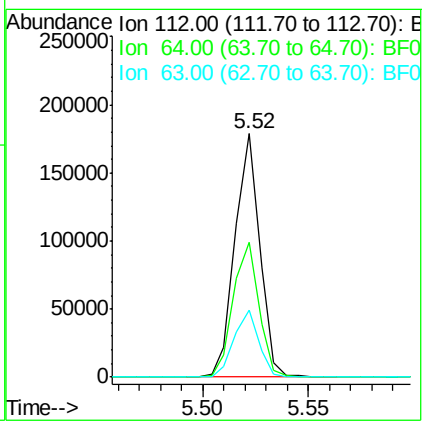


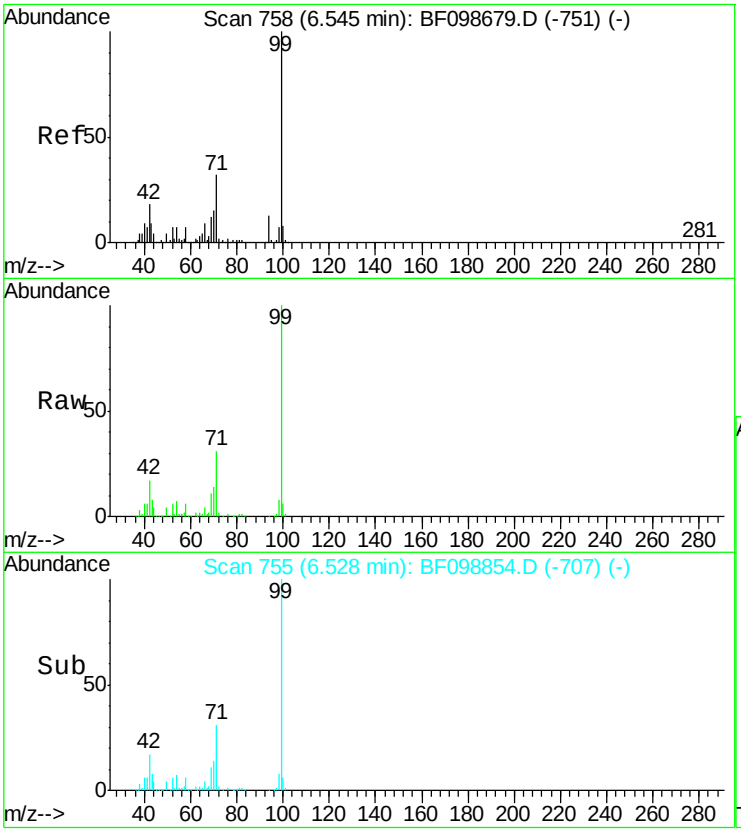


#5
2-Fluorophenol
Concen: 15.01 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion:112 Resp: 144879

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.7	23.7	35.5



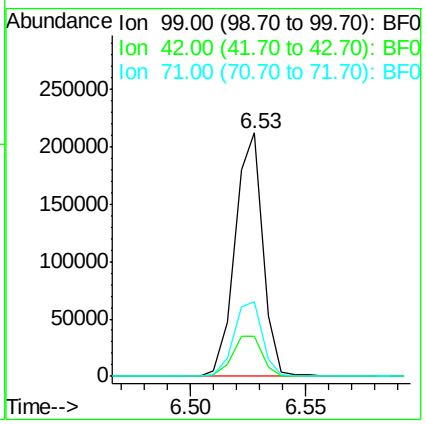


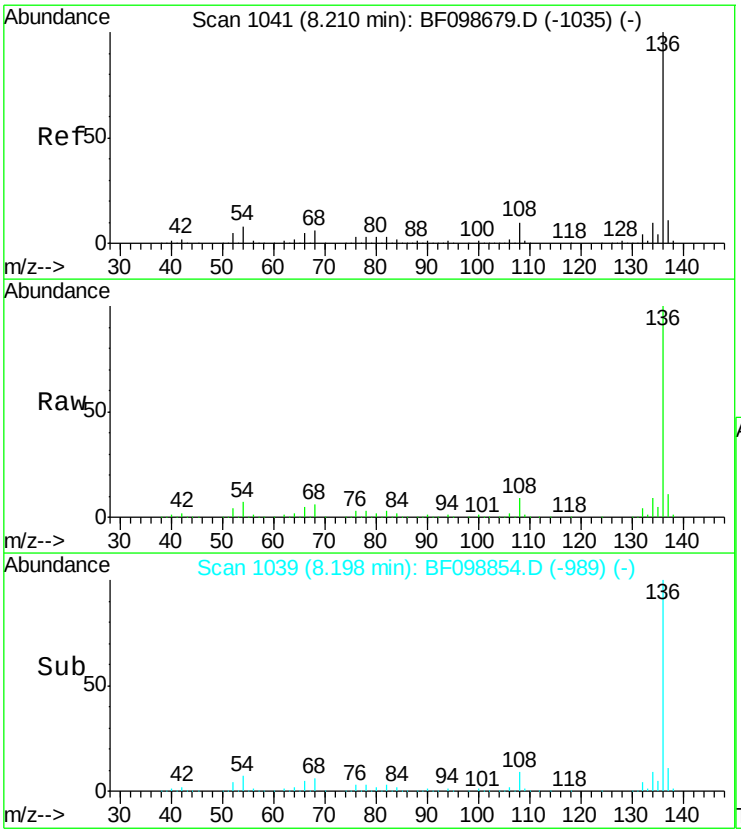
#7
Phenol-d6
Concen: 14.97 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 178311

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	30.7	25.4	38.0

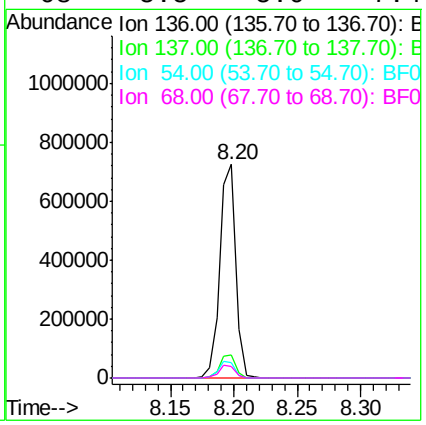


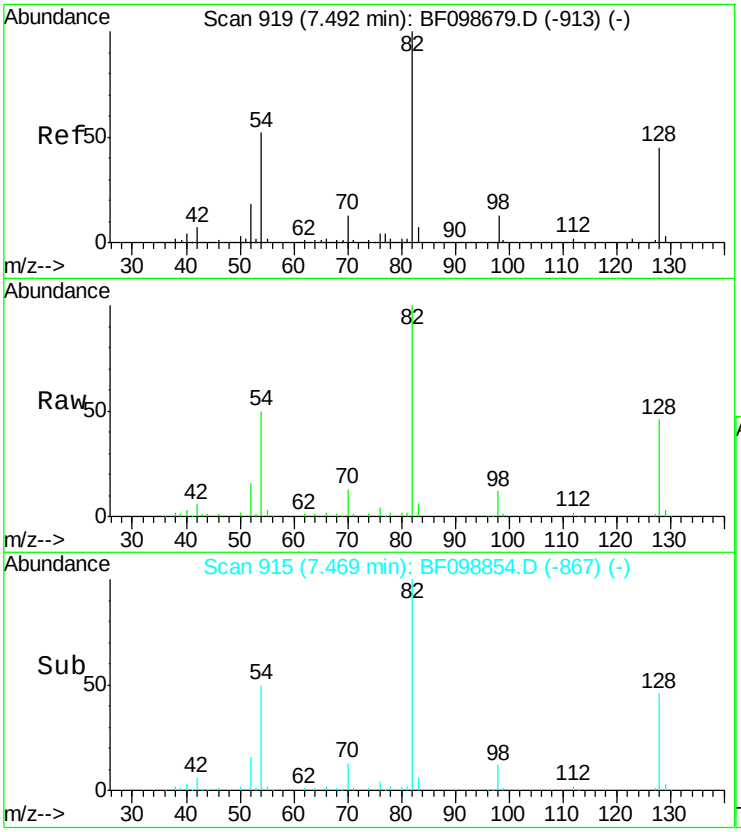


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion:136 Resp: 640528

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	5.5	5.0	7.4



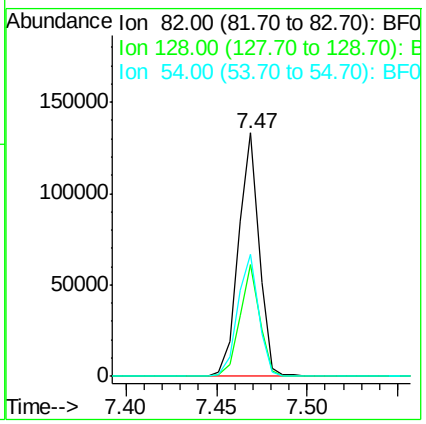


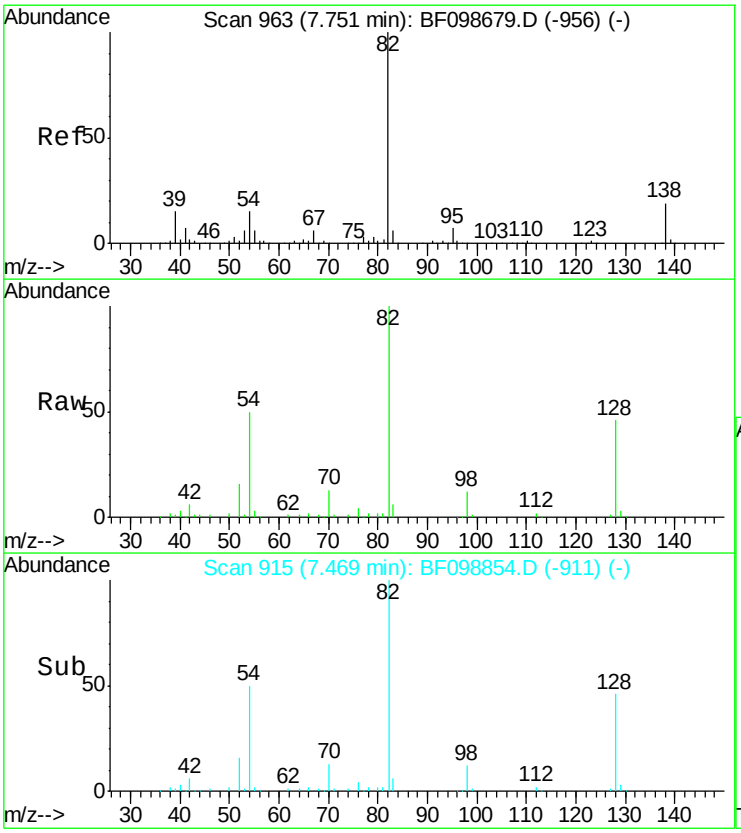
#23
Nitrobenzene-d5
Concen: 10.54 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 105288

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	50.2	41.4	62.2

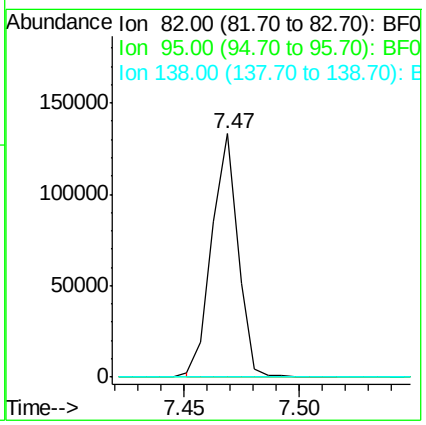


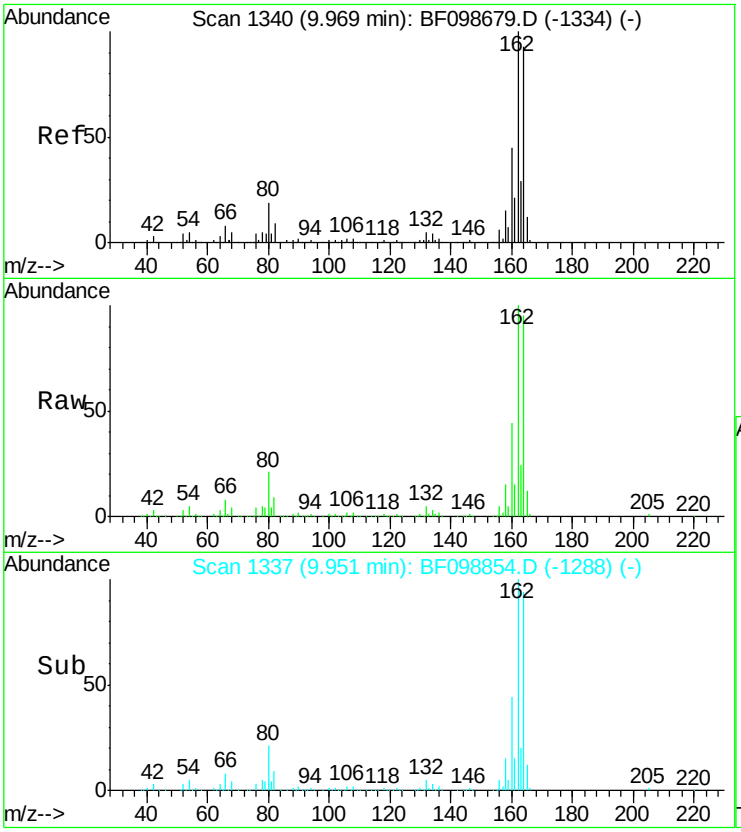


#25
Isophorone
Concen: 5.05 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.28 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion: 82 Resp: 104347

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



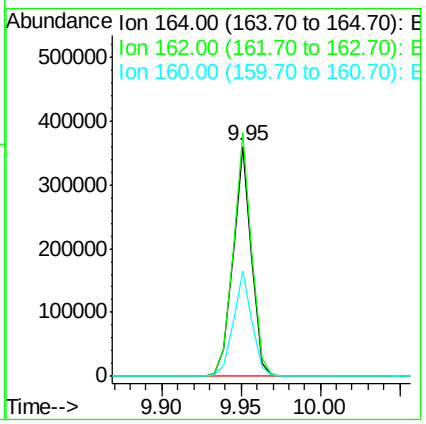


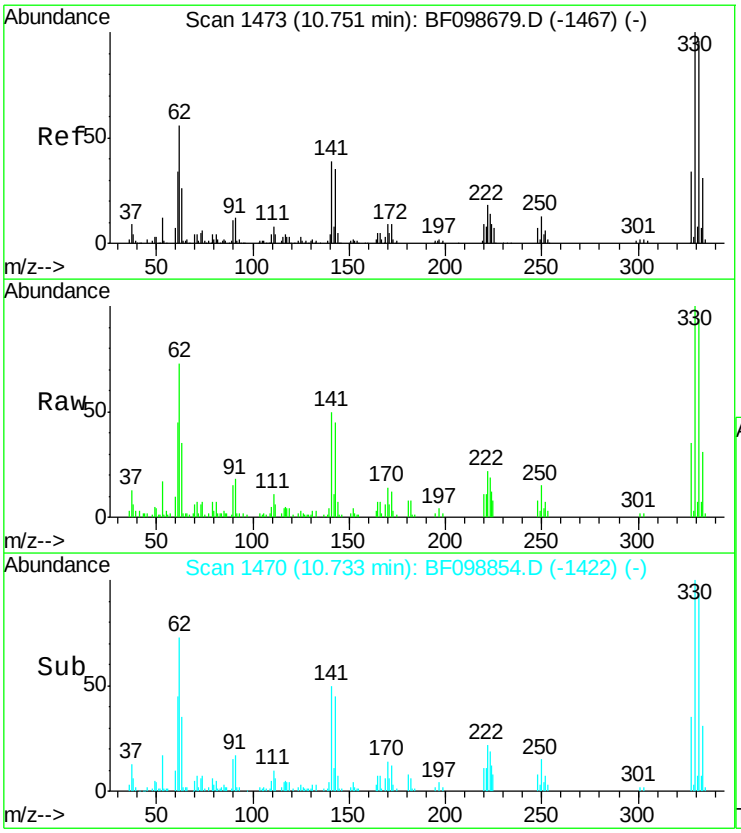
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 288531

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.0	38.3	57.5

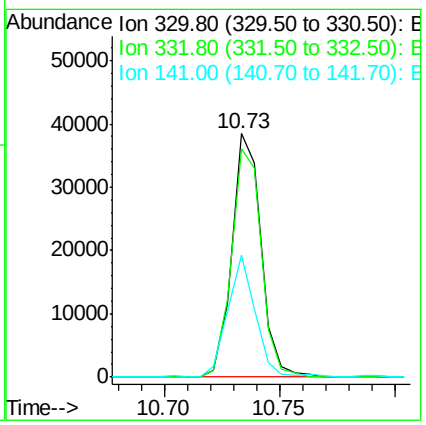


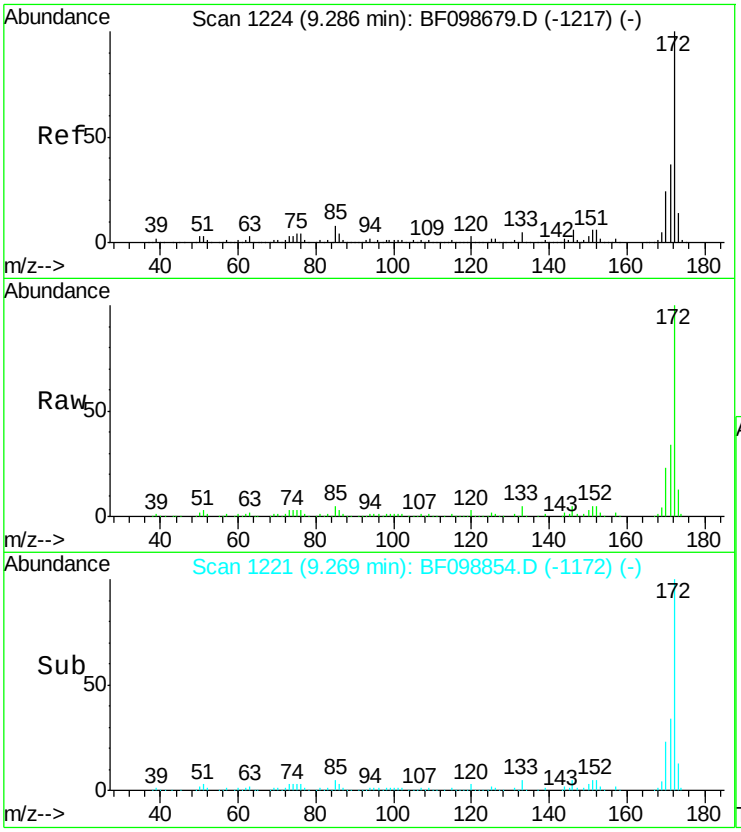


#41
2,4,6-Tribromophenol
Concen: 14.29 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion:330 Resp: 33750

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	48.4	29.9	44.9#



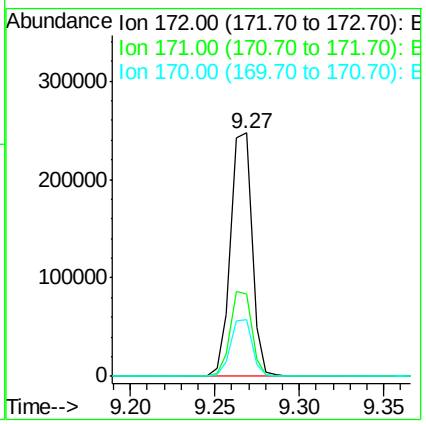


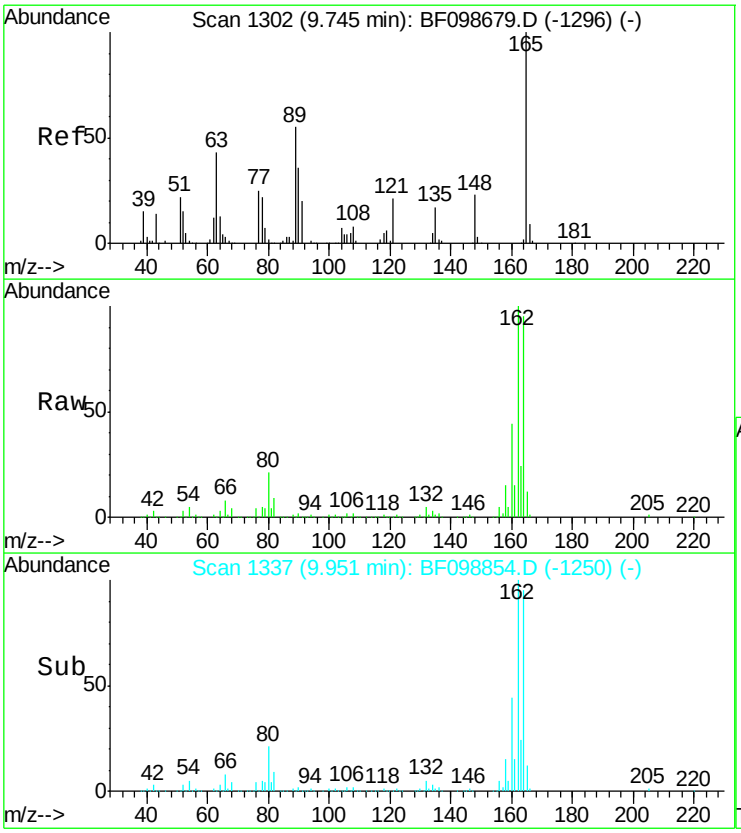
#44
2-Fluorobiphenyl
Concen: 12.69 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 219289

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.7	44.5
170	23.1	19.6	29.4

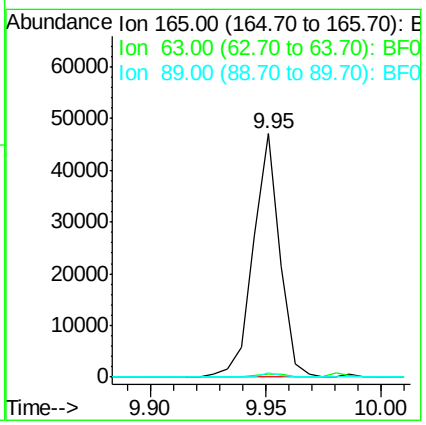


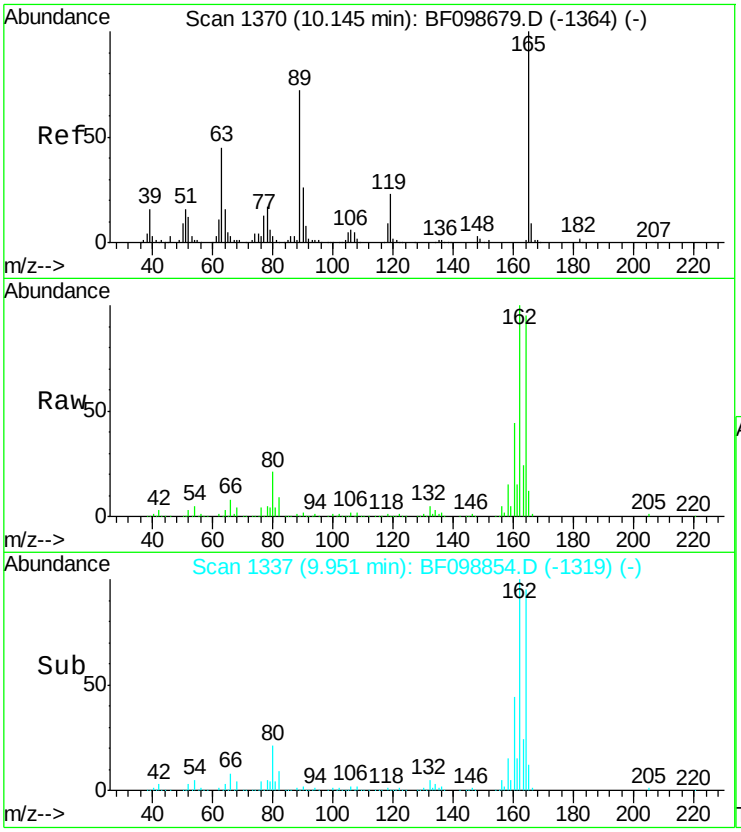


#50
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.21 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion:165 Resp: 37766

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.8	44.0	66.0#



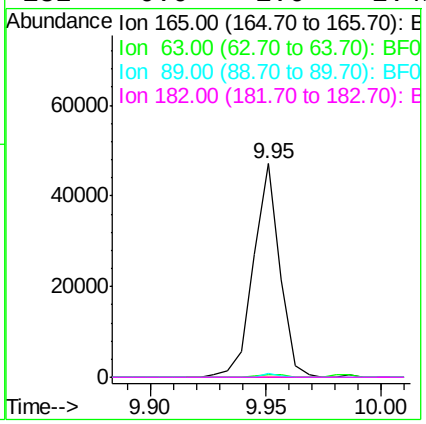


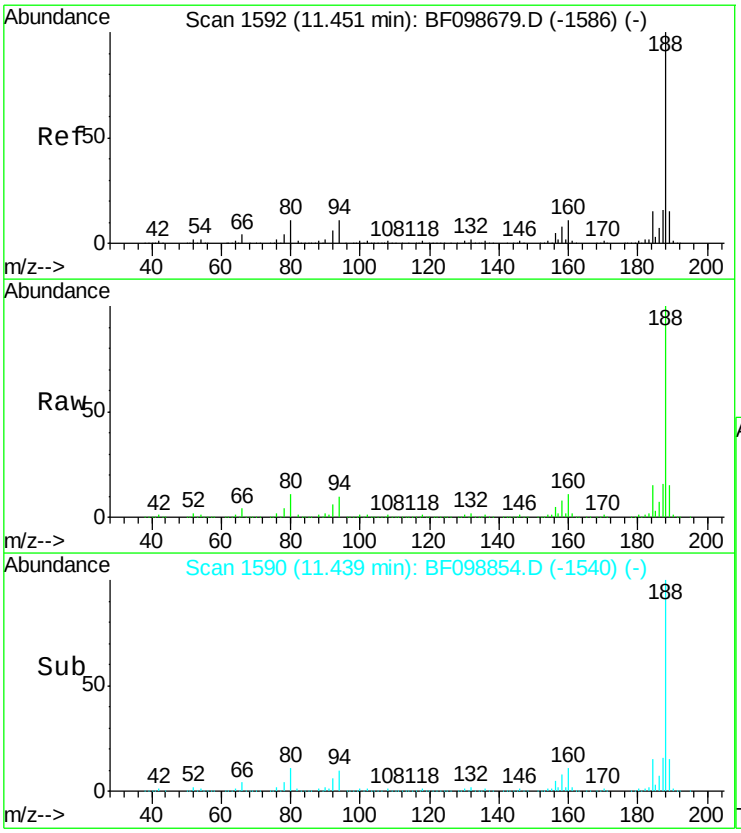
#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37766

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

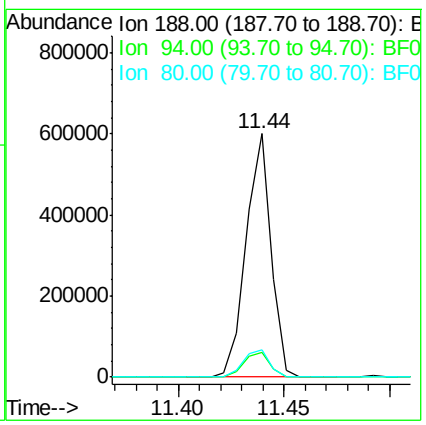


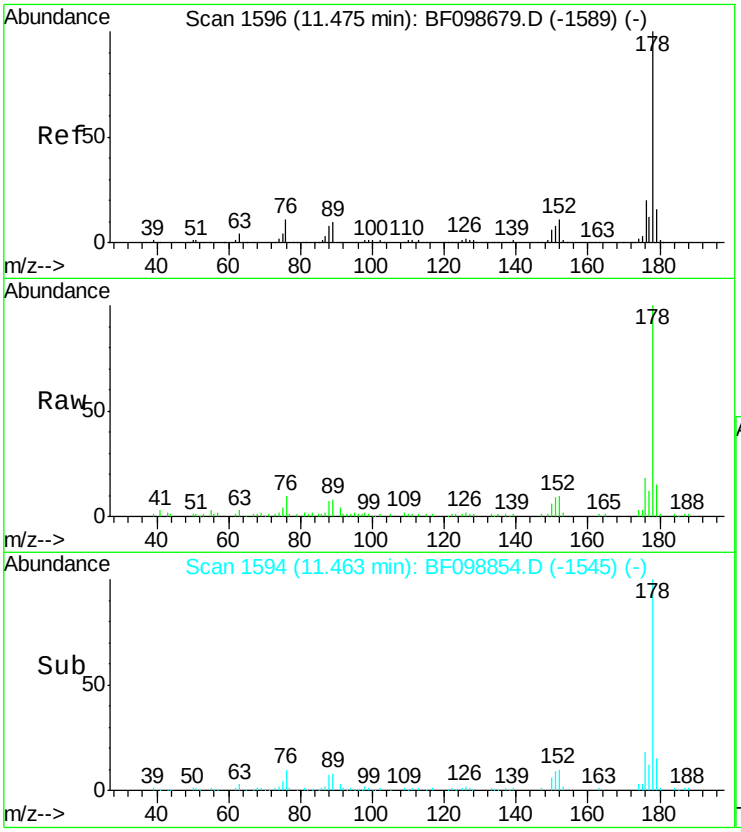


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion:188 Resp: 494509

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.5	9.2	13.8



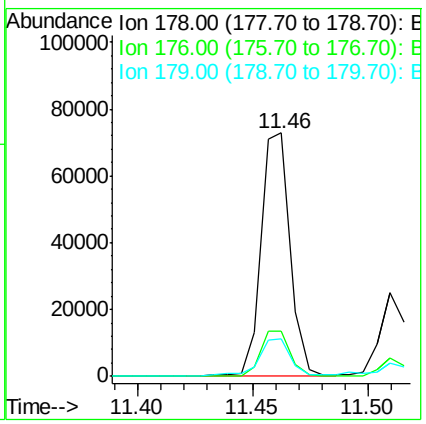


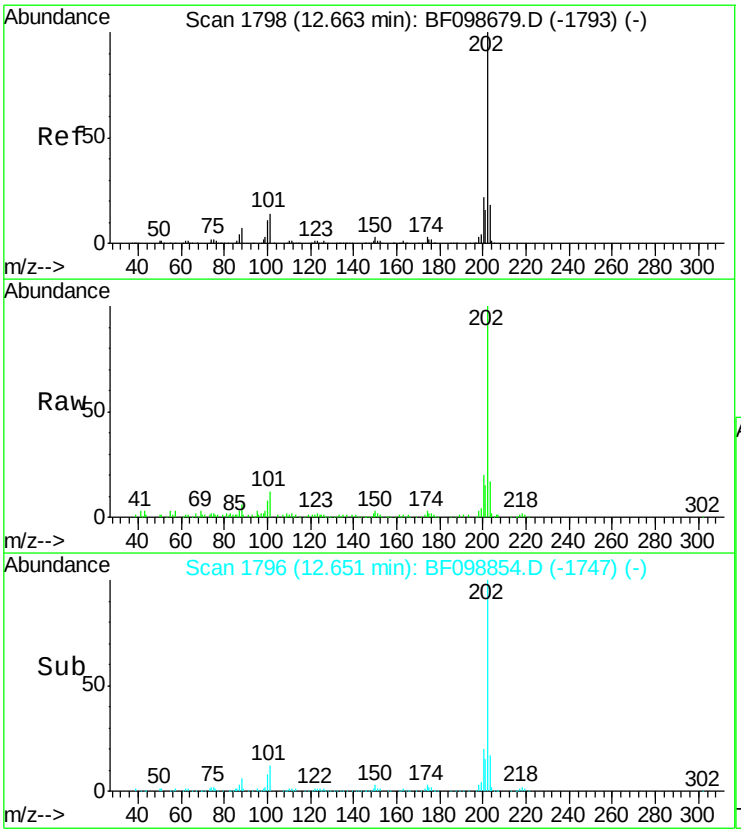
#70
Phenanthrene
Concen: 2.41 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 63856

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.4	13.0	19.6

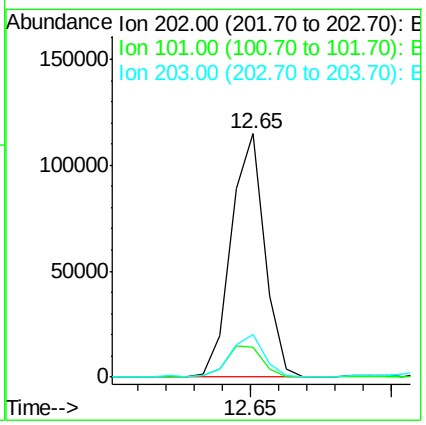


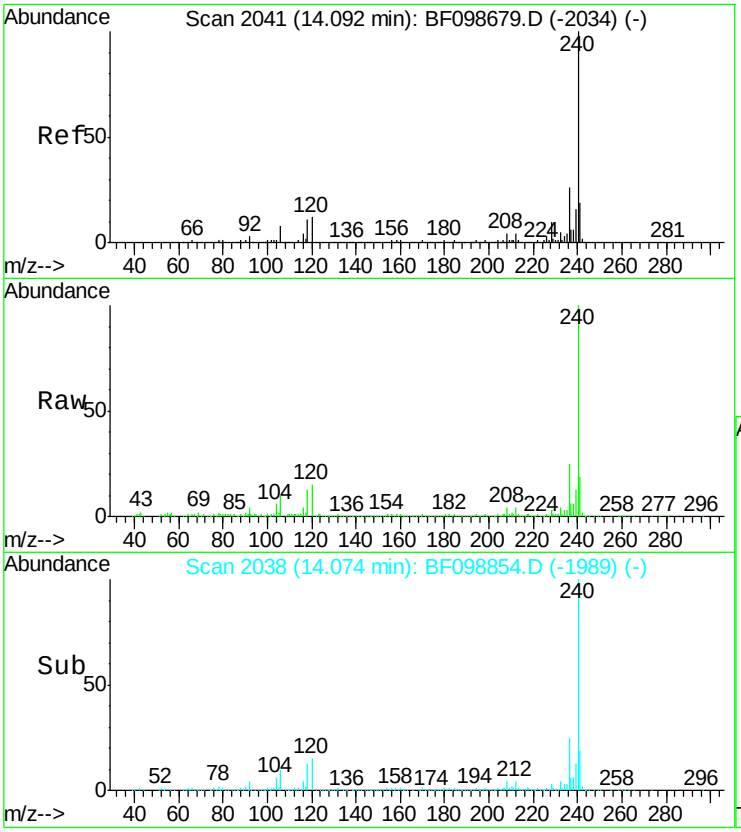


#74
Fluoranthene
Concen: 3.53 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion:202 Resp: 94638

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.5	0.0	38.1



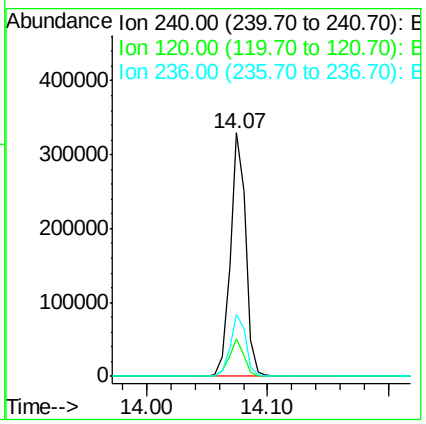


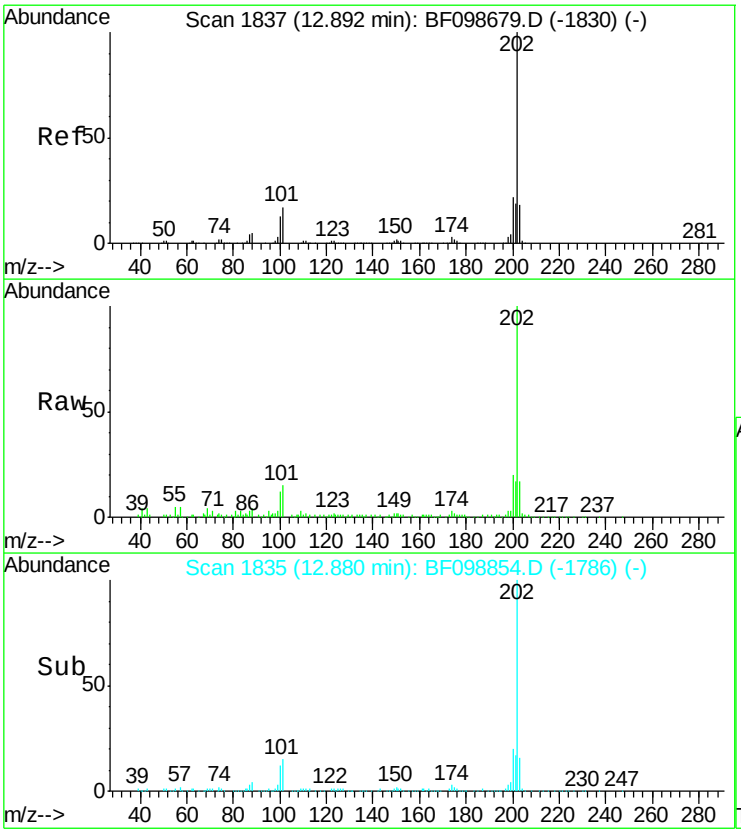
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 290019

Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	25.3	20.7	31.1

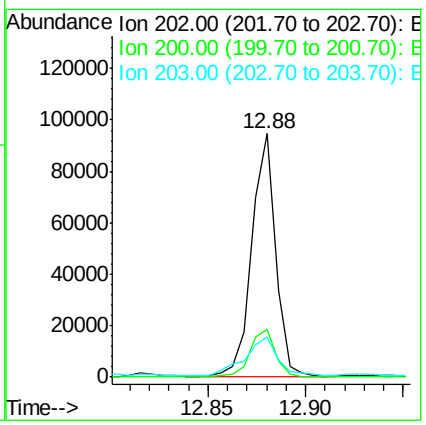


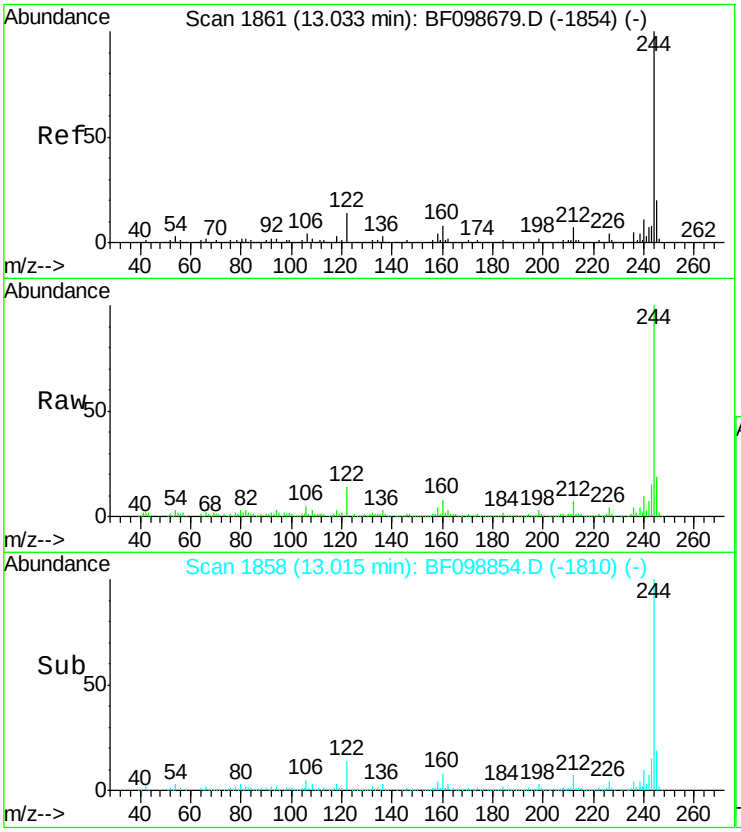


#77
Pyrene
Concen: 3.67 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion:202 Resp: 81178

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	16.7	14.3	21.5



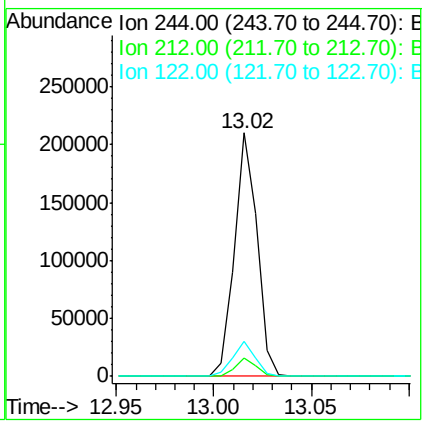


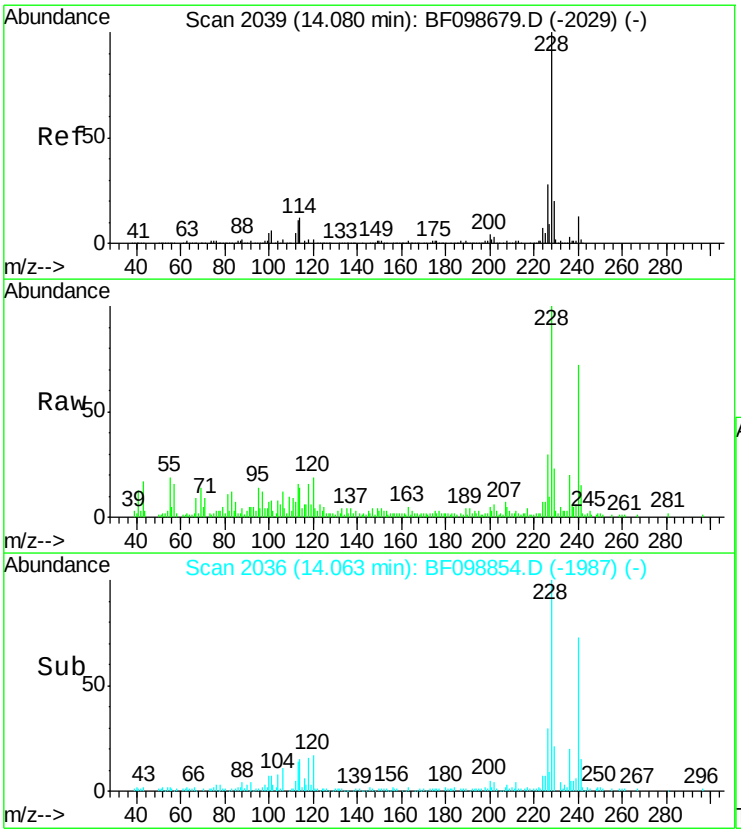
#78
Terphenyl-d14
Concen: 13.22 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 168545

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.2	11.0	16.4

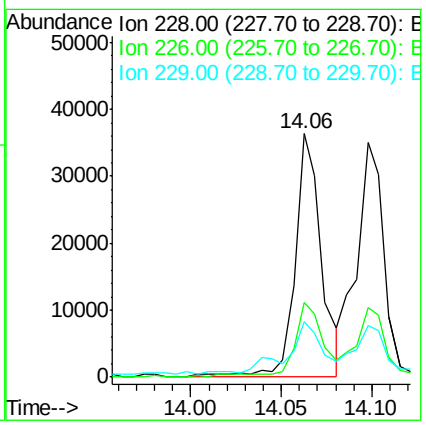


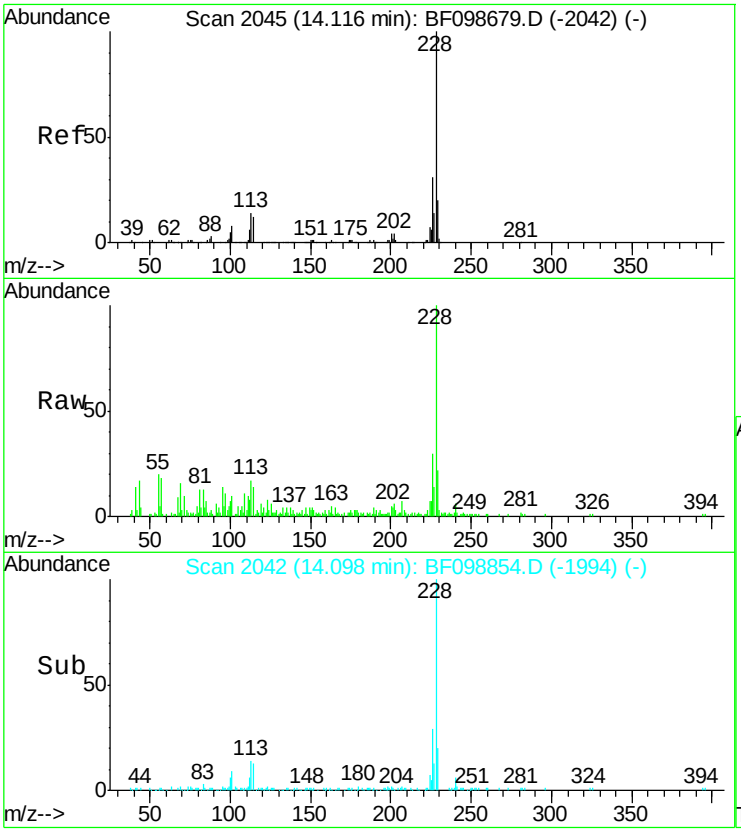


#80
Benzo(a)anthracene
Concen: 2.12 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion:228 Resp: 37167

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	23.0	15.8	23.6



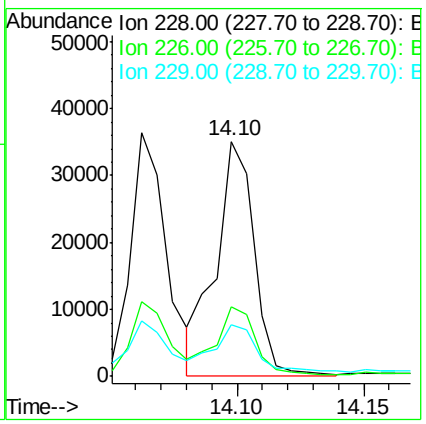


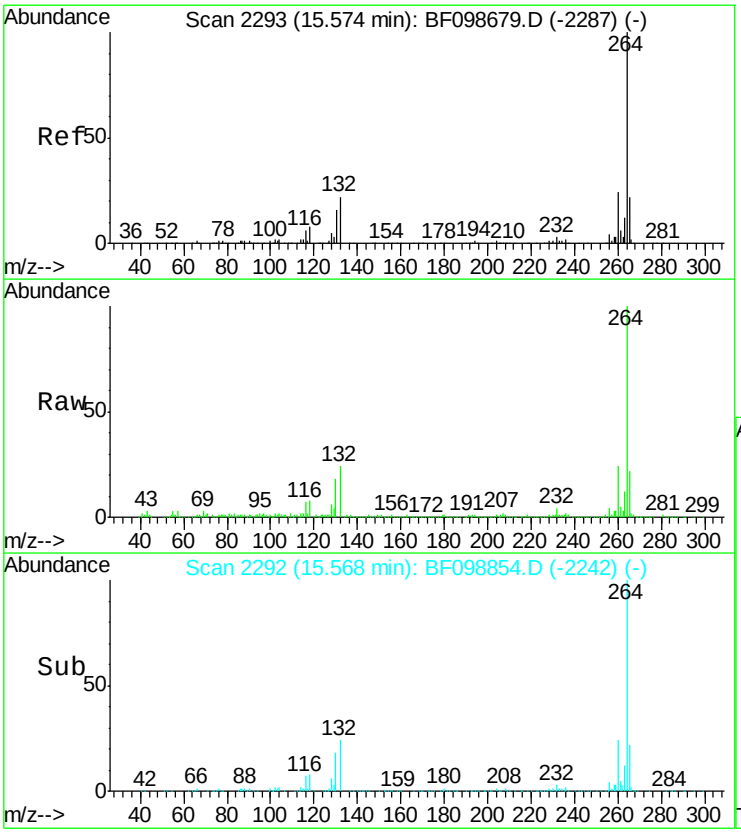
#82
Chrysene
Concen: 2.22 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 37088

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	22.2	16.2	24.4

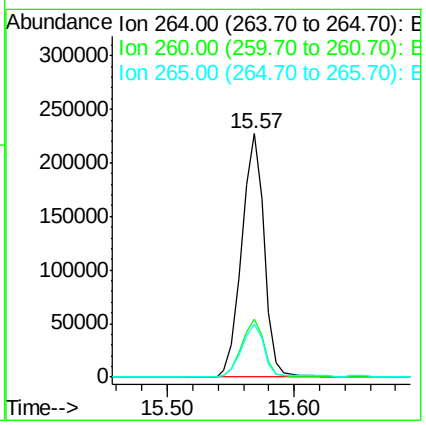


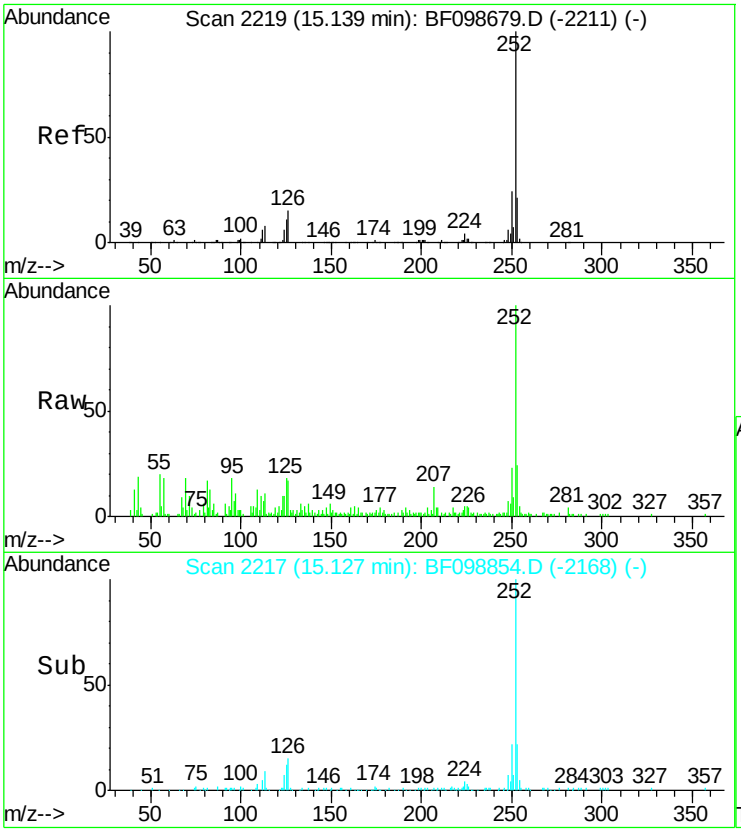


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion:264 Resp: 278809

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3



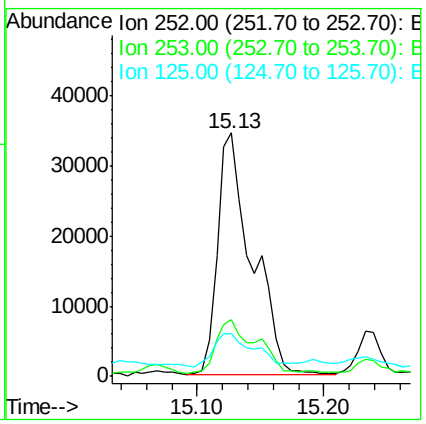


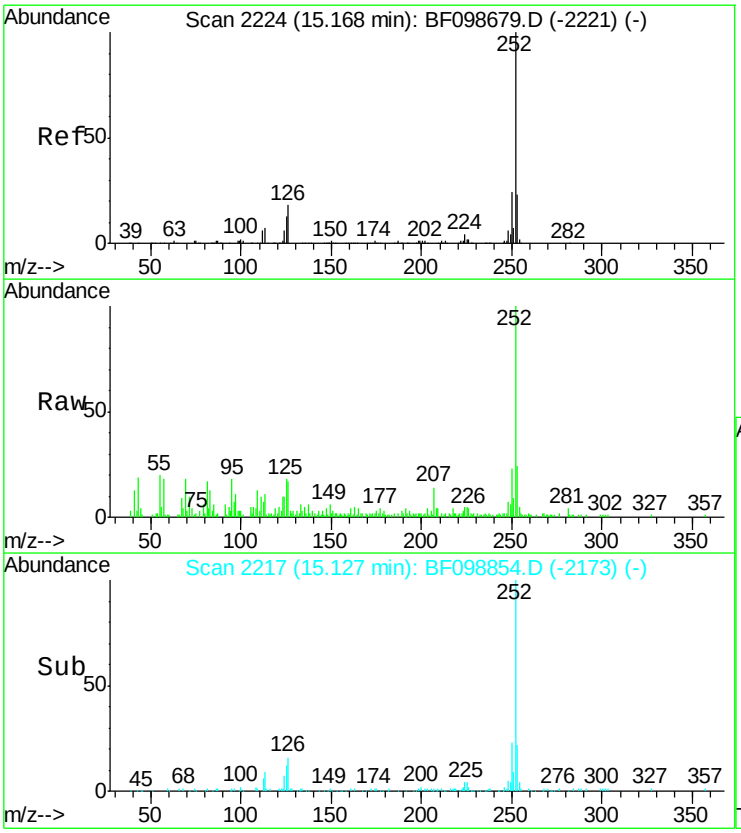
#87
Benzo(b)fluoranthene
Concen: 3.78 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 64857

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	17.5	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.83 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098854.D
Acq: 27 Sep 2017 11:00

Tgt Ion:252 Resp: 64857

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	17.5	10.2	15.2#