Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098490.D
Acq On : 13 Sep 2017 15:18
Operator : SJ/JU
Sample : I5208-10 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 13 18:42:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	177939	20.00	ng		-0.02
21) Naphthalene-d8	7.94	136	726248	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	310125	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	498441	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	355158	20.00	ng		-0.02
86) Perylene-d12	15.20	264	328853	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	237615	19.74	ng		-0.02
7) Phenol-d6	6.30	99	308307	20.18	ng		-0.02
23) Nitrobenzene-d5	7.22	82	170347	13.08	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	42690	20.62	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	319556	17.46	ng		-0.02
78) Terphenyl-d14	12.74	244	210549	12.80	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	22115	2.301	ng	#	81
25) Isophorone	7.22	82	163976	6.221	ng	#	67
32) Benzoic acid	7.94	122	109	7.981	ng	#	1
49) Dimethylphthalate	9.41	163	54553	2.272	ng		98
50) 2,6-Dinitrotoluene	9.69	165	39228	7.955	ng	#	34
56) 2,4-Dinitrotoluene	9.69	165	39228	6.543	ng	#	34
74) Fluoranthene	12.37	202	59242	2.240	ng		99
77) Pyrene	12.60	202	60213	2.149	ng		99
87) Benzo(b)fluoranthene	14.80	252	59764	2.890	ng	#	87
88) Benzo(k)fluoranthene	14.80	252	59764	3.096	ng	#	92

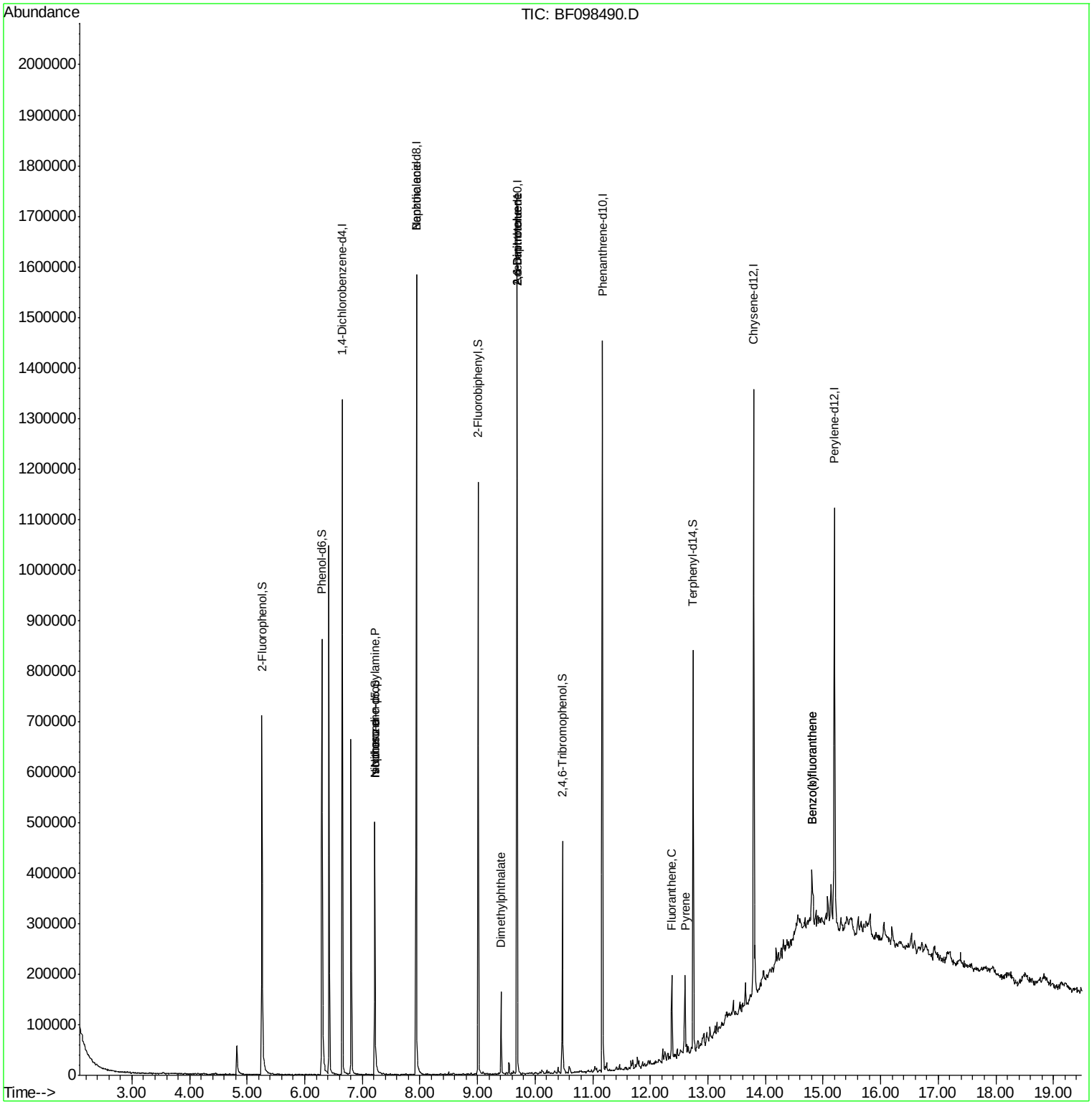
(#) = qualifier out of range (m) = manual integration (+) = signals summed

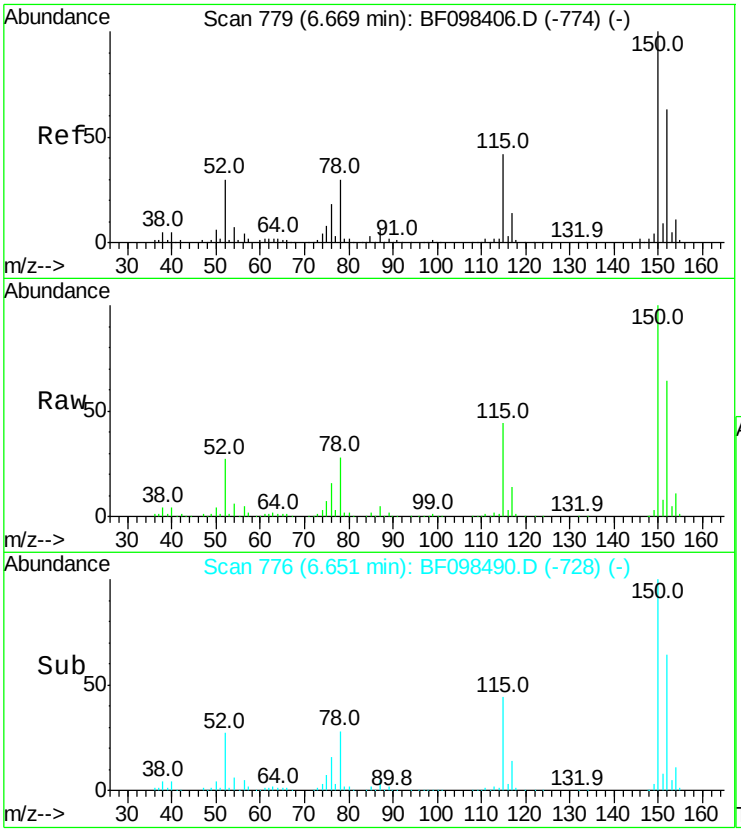
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098490.D
Acq On : 13 Sep 2017 15:18
Operator : SJ/JU
Sample : I5208-10 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 13 18:42:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration



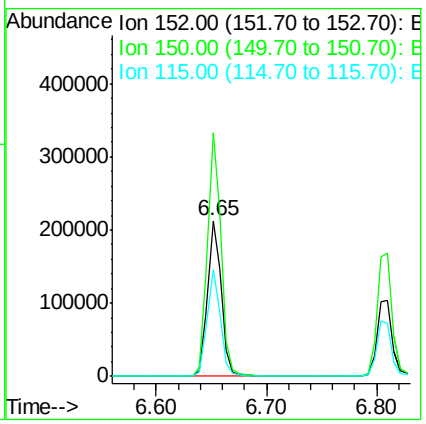


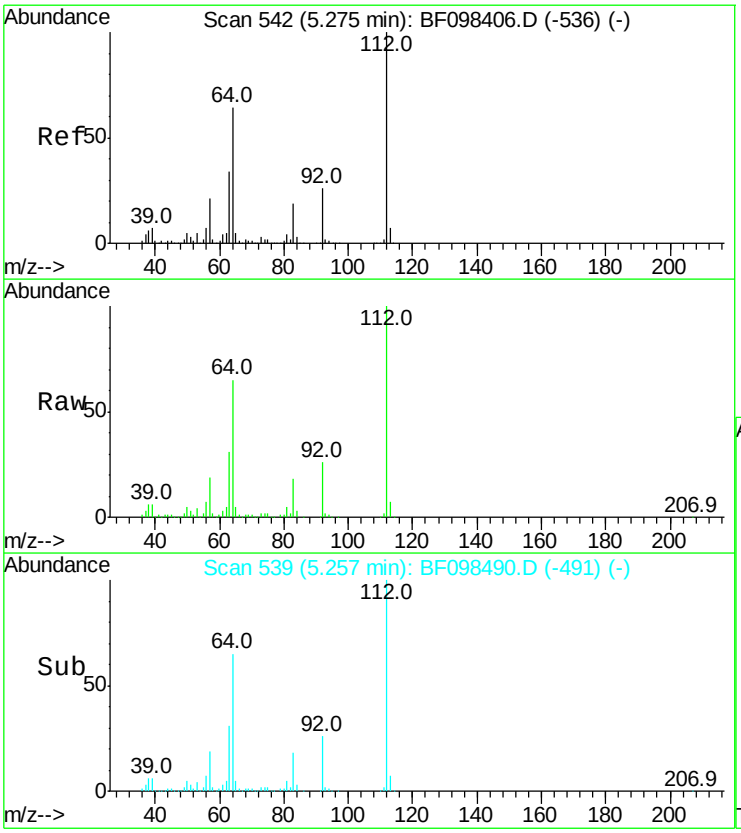
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 177939

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	68.2	52.2	78.2

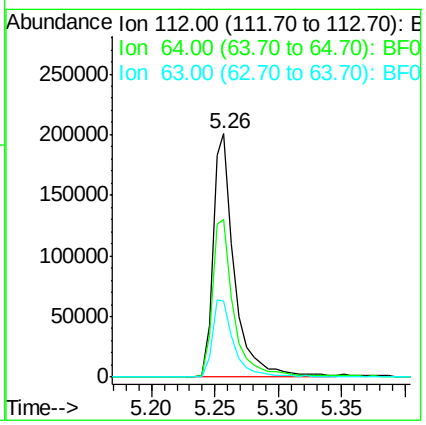


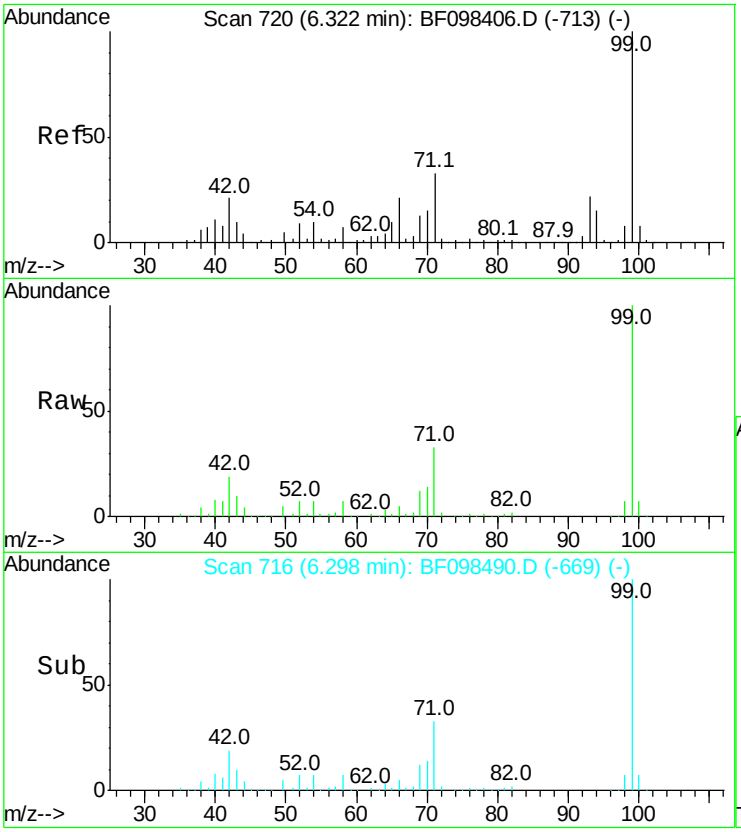


#5
2-Fluorophenol
Concen: 19.744 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion:112 Resp: 237615

Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	31.0	23.4	35.0



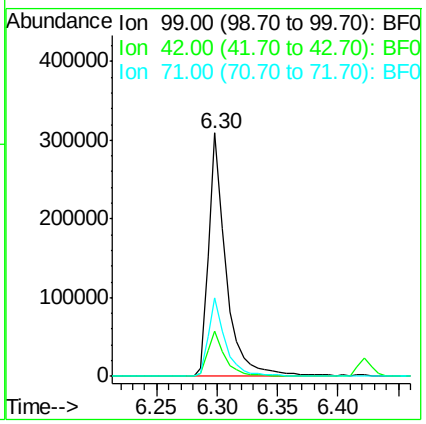


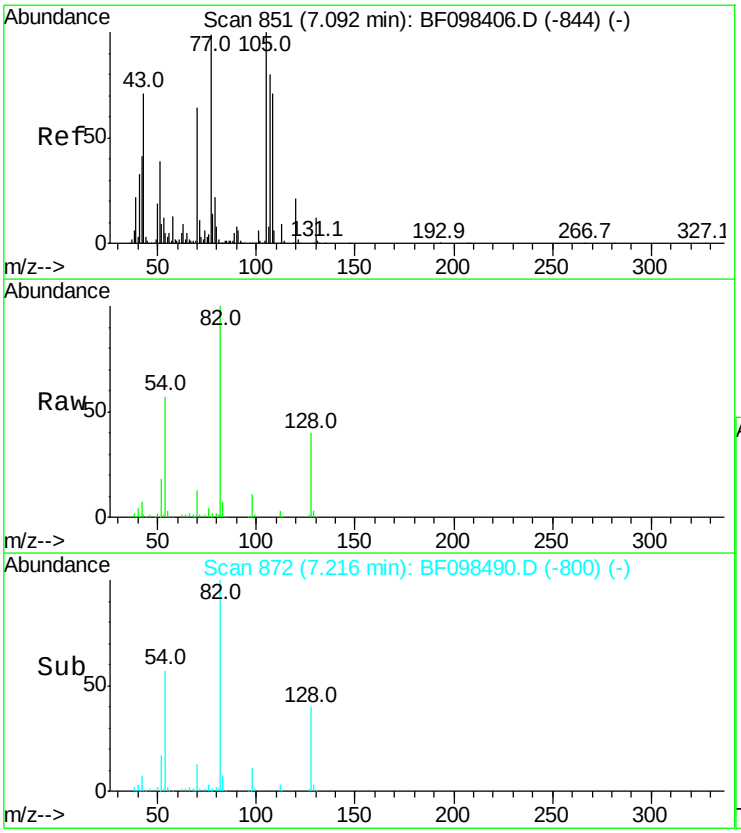
#7
Phenol-d6
Concen: 20.177 ng
RT: 6.30 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 308307

Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.5	20.3
71	32.5	24.5	36.7

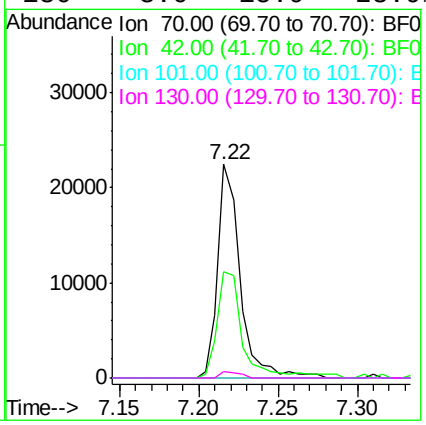


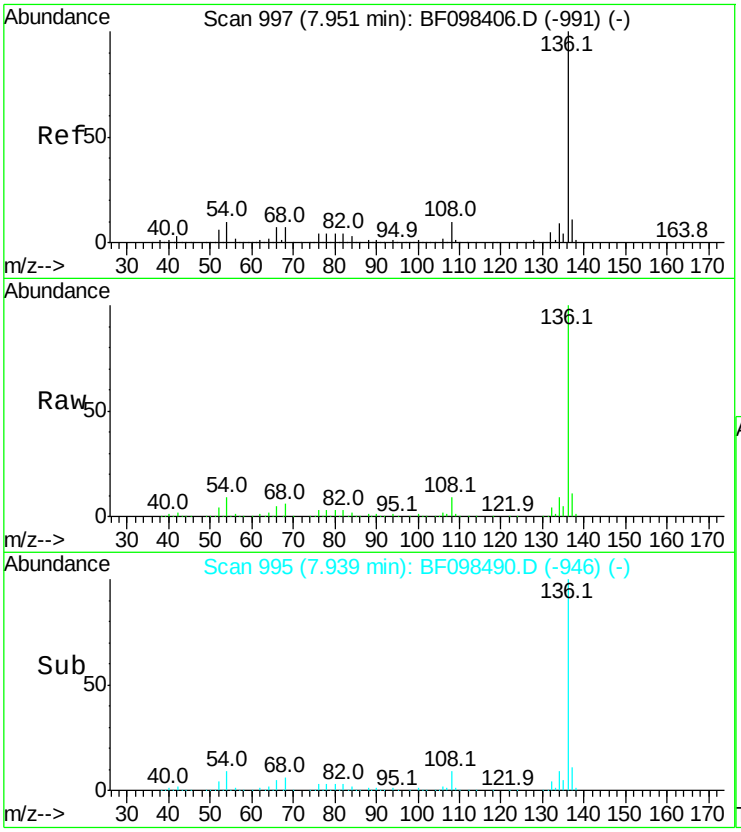


#19
n-Nitroso-di-n-propylamine
Concen: 2.301 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.12 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion: 70 Resp: 22115

Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.2	70.8
101	0.0	7.2	10.8#
130	3.0	15.9	23.9#



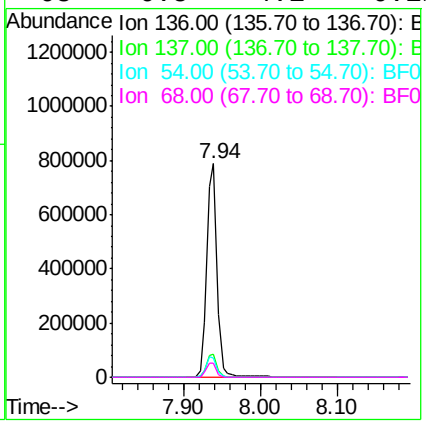


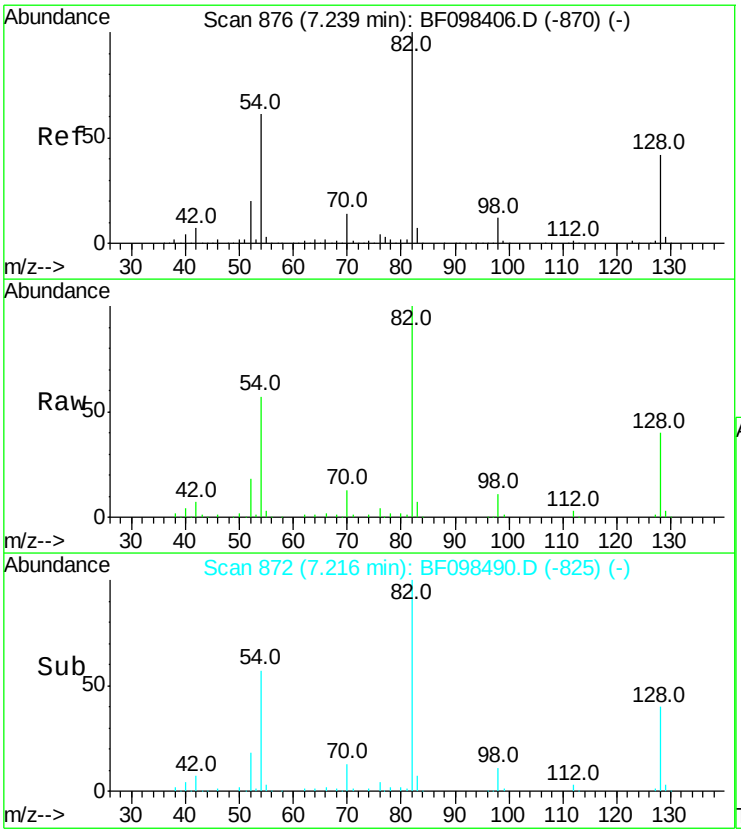
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 726248

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.9	4.9	7.3#
68	6.5	4.1	6.1#

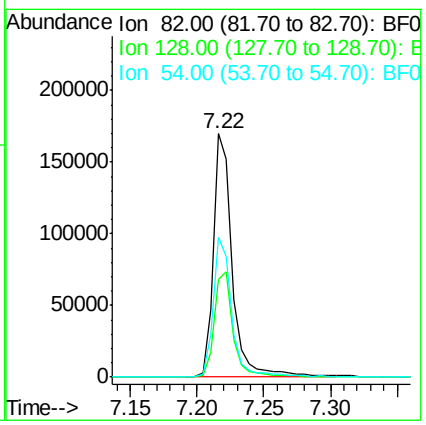


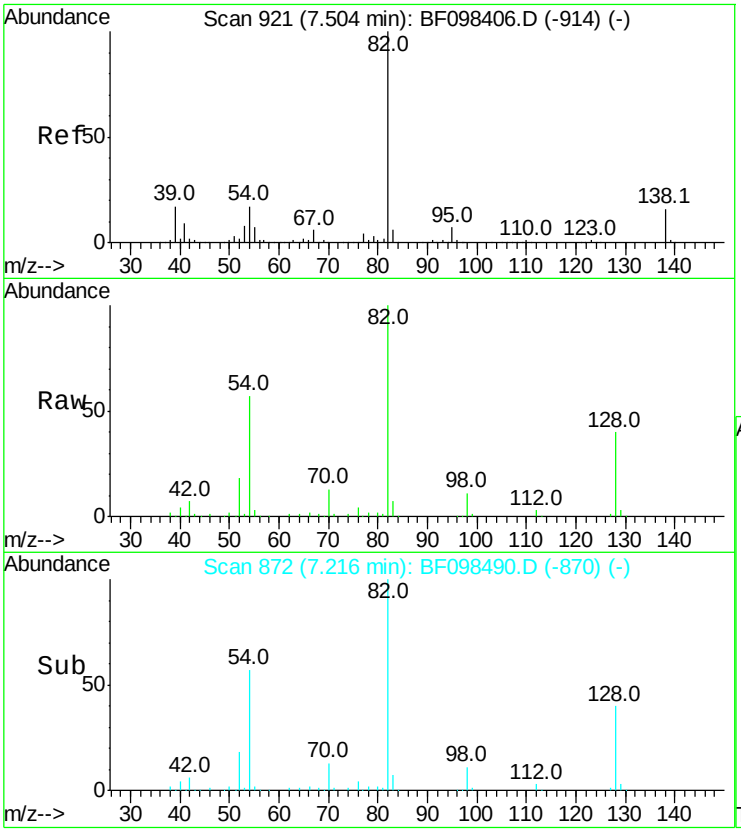


#23
Nitrobenzene-d5
Concen: 13.076 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion: 82 Resp: 170347

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.0	51.0
54	57.4	42.2	63.2



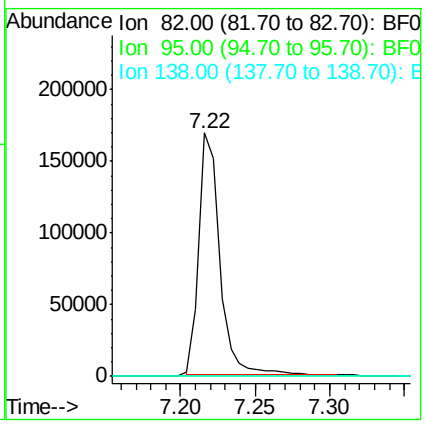


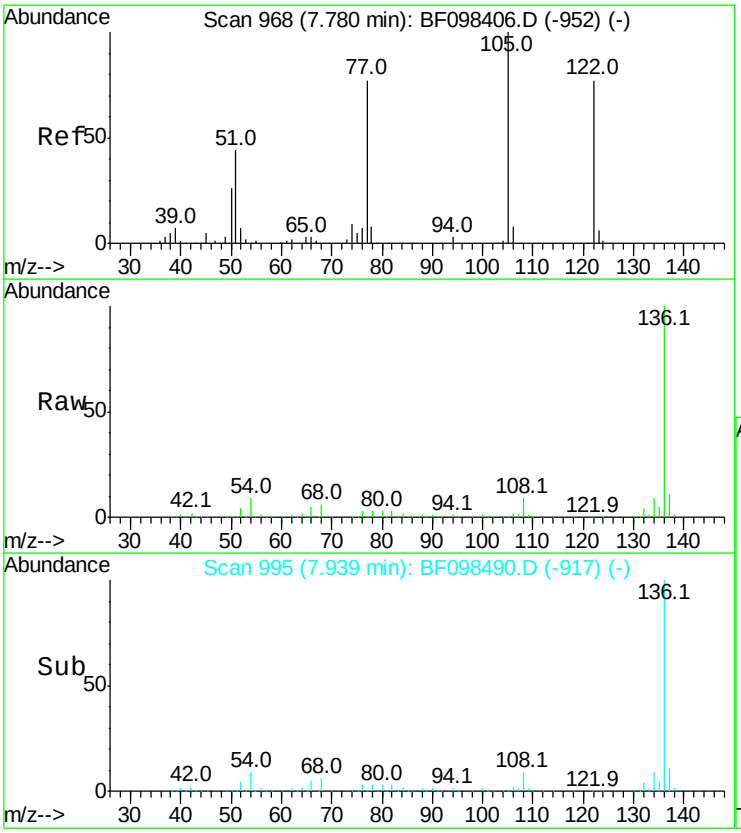
#25
Isophorone
Concen: 6.221 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.29 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 163976

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

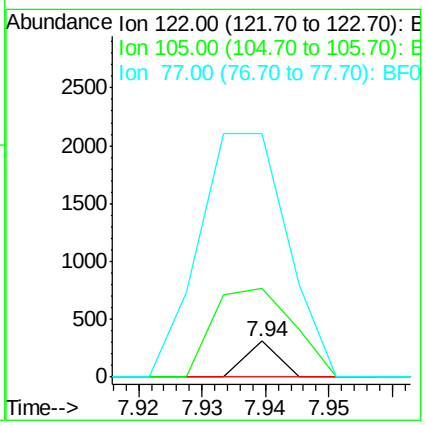


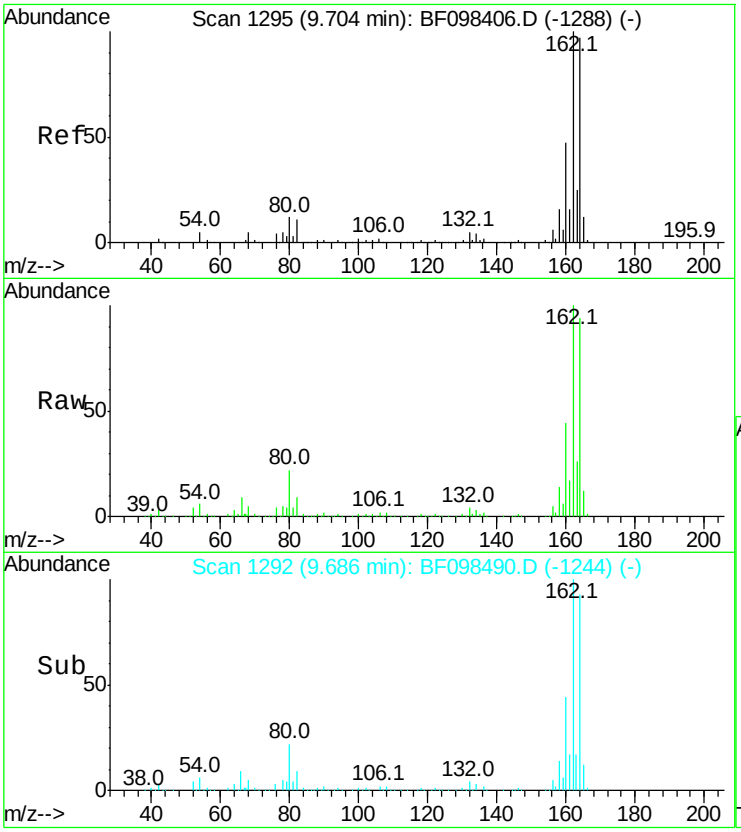


#32
Benzoic acid
Concen: 7.981 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.16 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	248.1	103.3	143.3#
77	678.1	73.7	113.7#



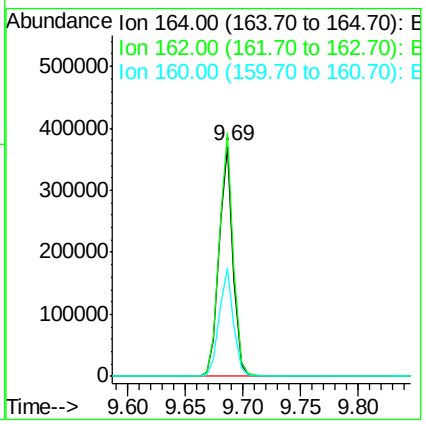


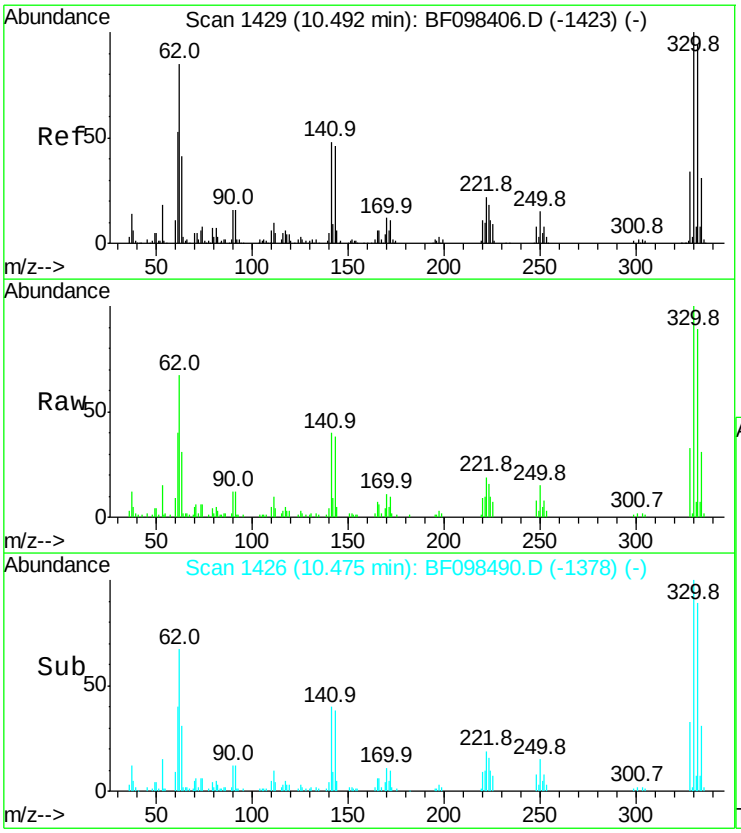
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 310125

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.6	123.8
160	47.0	36.2	54.2

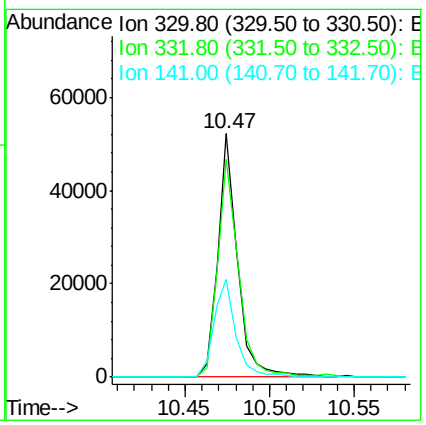


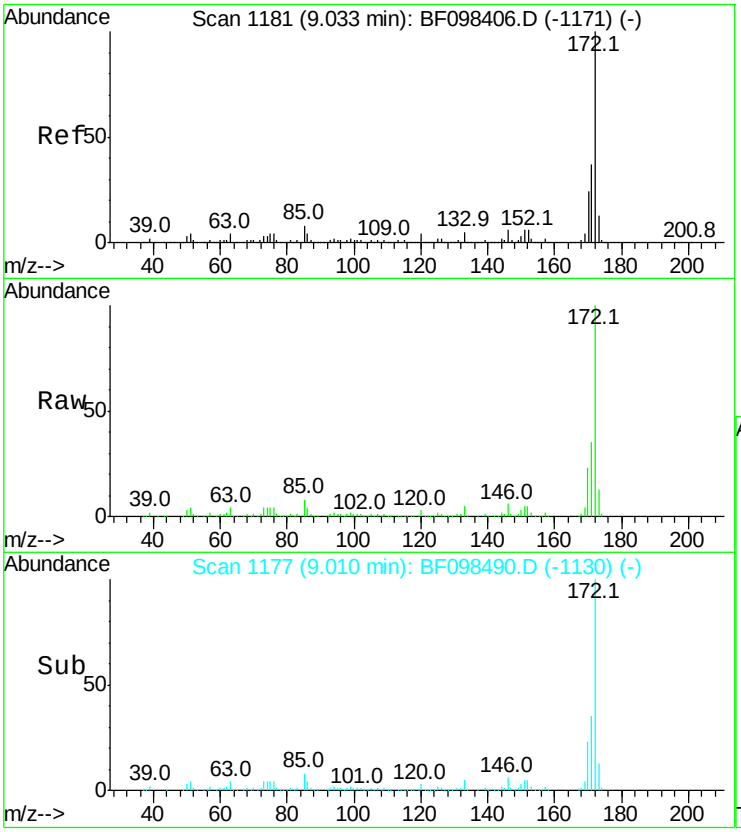


#41
2,4,6-Tribromophenol
Concen: 20.625 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion:330 Resp: 42690

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	44.3	31.4	47.2



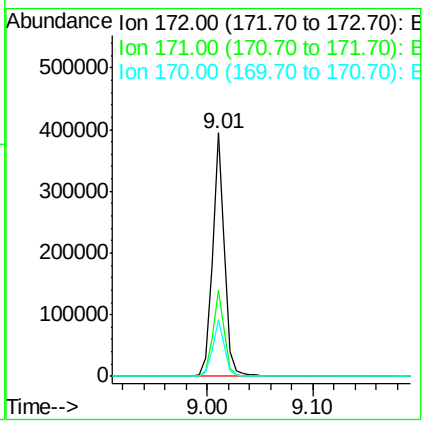


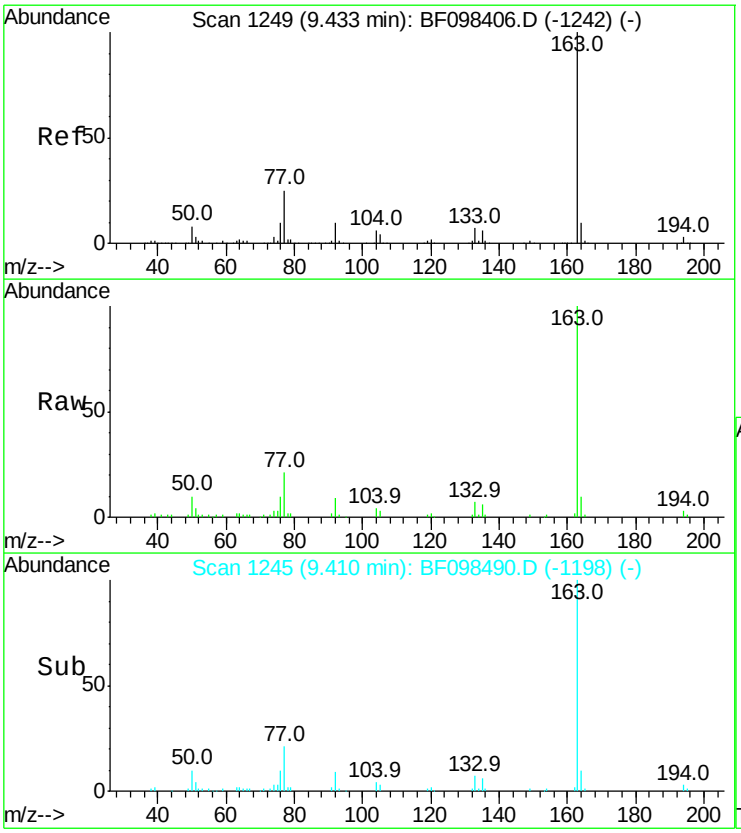
#44
2-Fluorobiphenyl
Concen: 17.465 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 319556

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.5	19.8	29.8

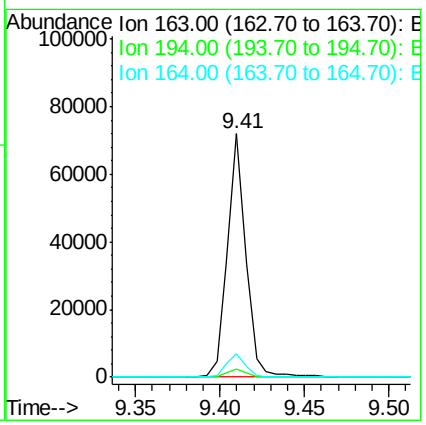


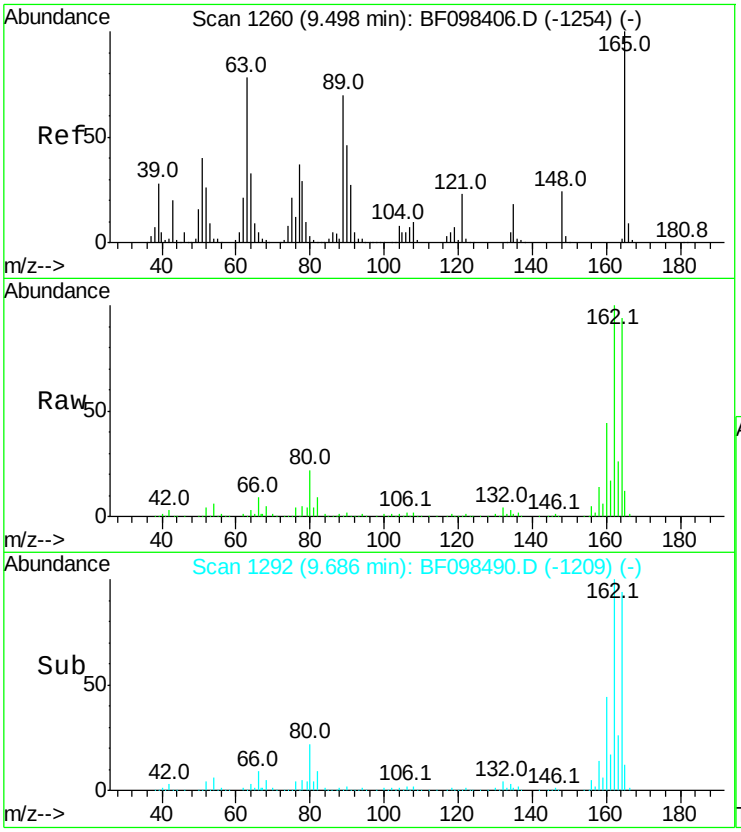


#49
Dimethylphthalate
Concen: 2.272 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion:163 Resp: 54553

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6



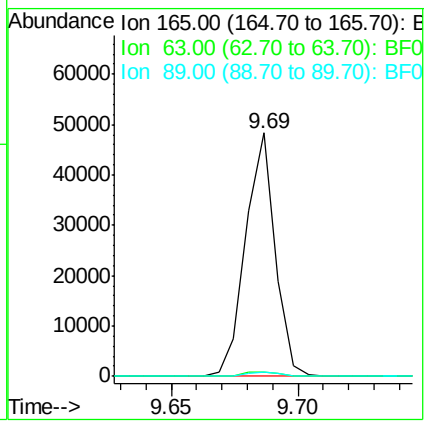


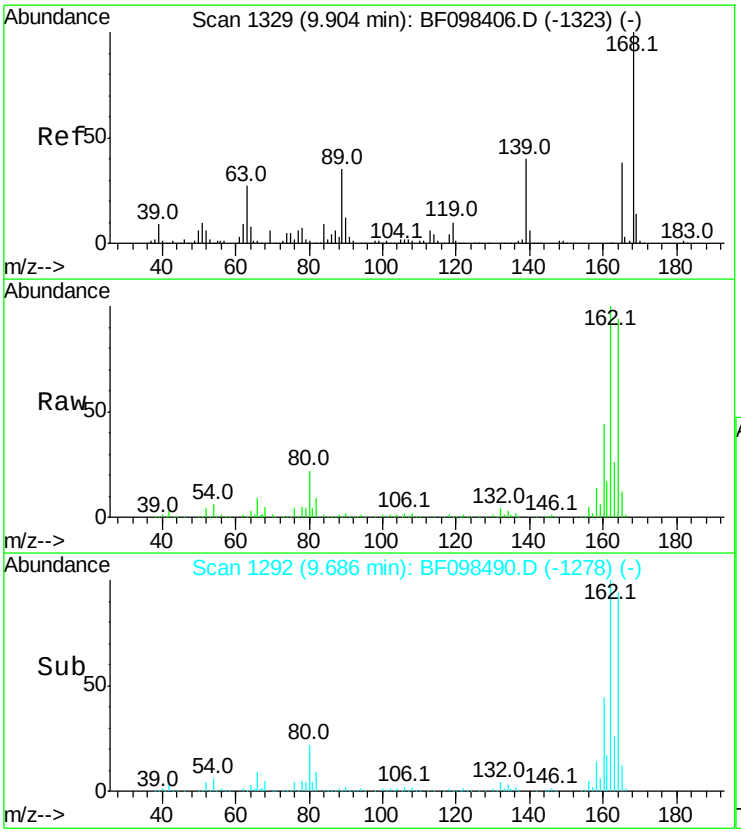
#50
2,6-Dinitrotoluene
Concen: 7.955 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.19 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39228

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.9	37.1	55.7#

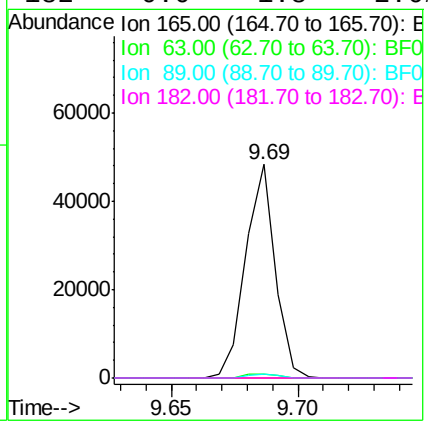


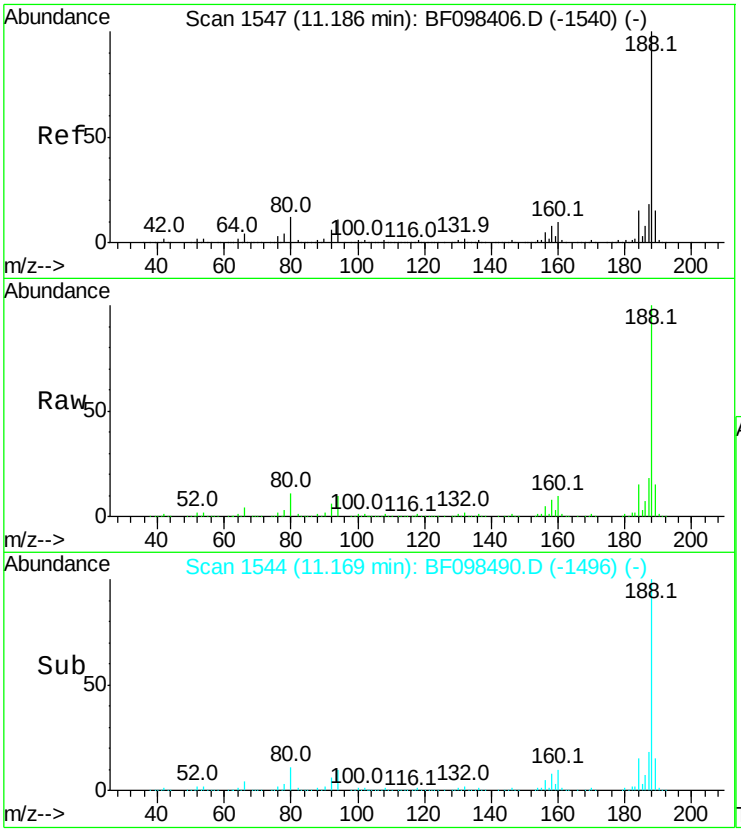


#56
2,4-Dinitrotoluene
Concen: 6.543 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.22 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion:165 Resp: 39228

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



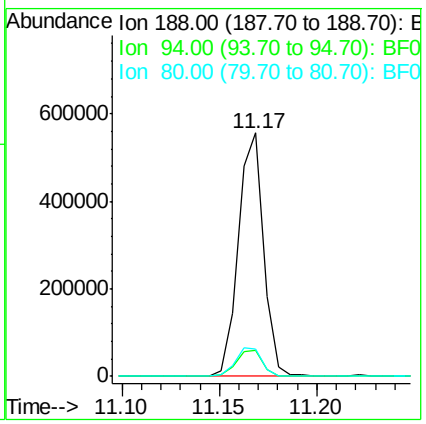


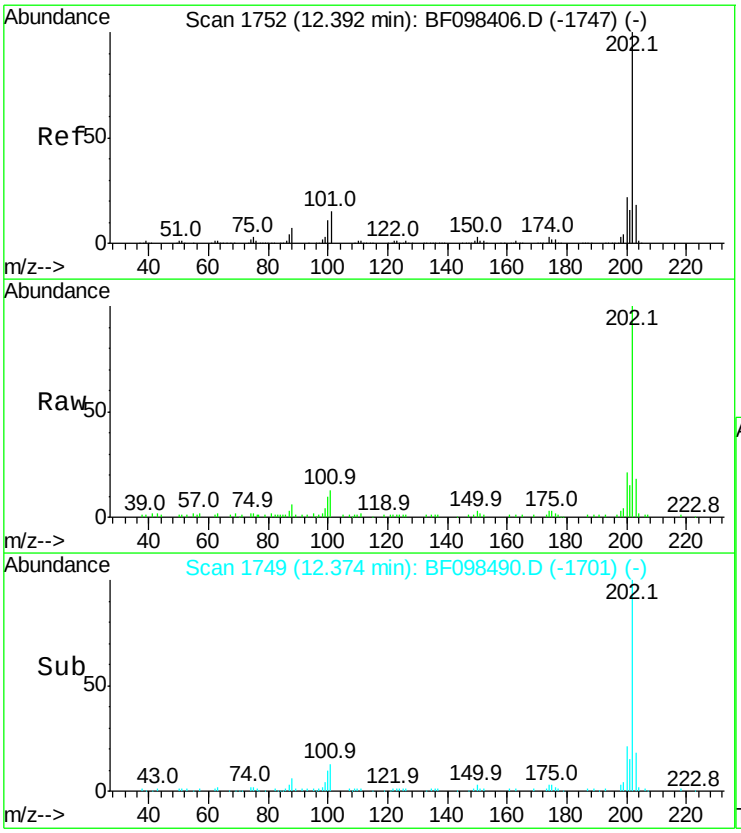
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 498441

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.5	10.2	15.2

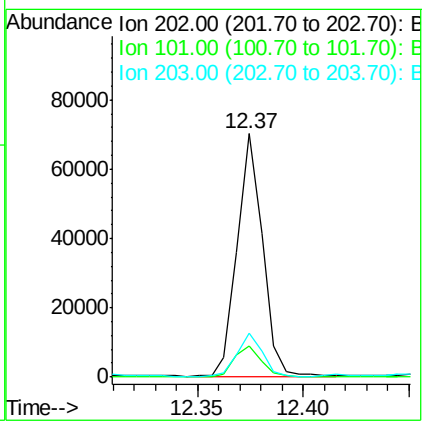


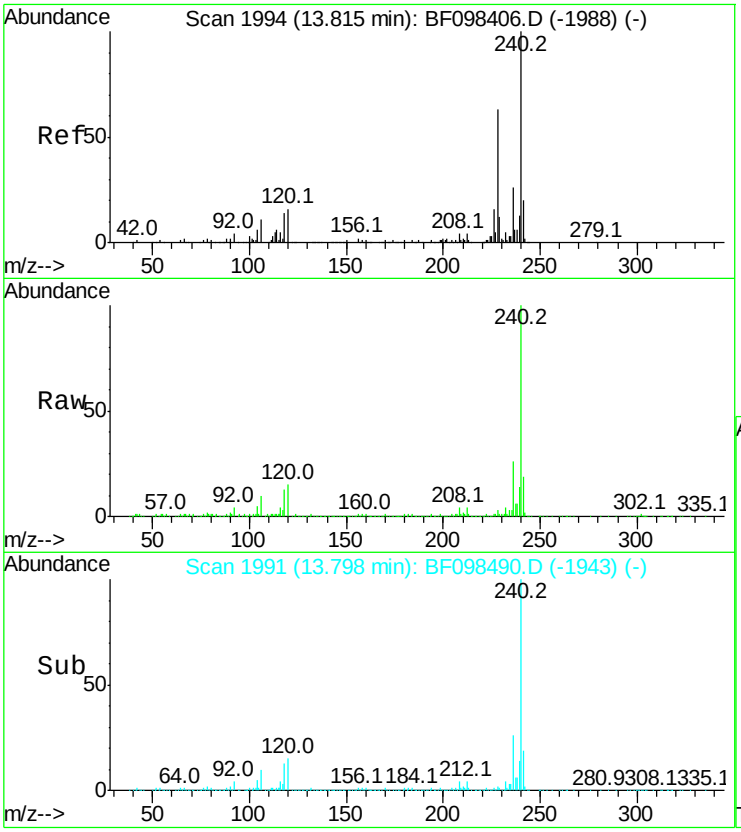


#74
Fluoranthene
Concen: 2.240 ng
RT: 12.37 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion:202 Resp: 59242

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	18.0	0.0	38.1



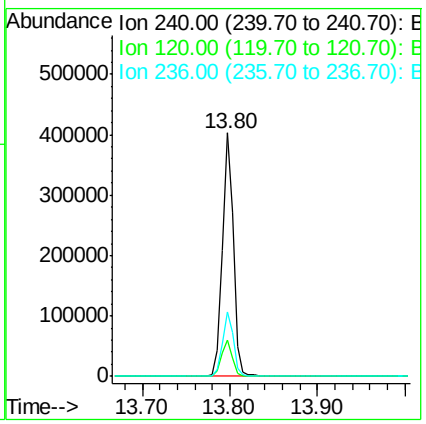


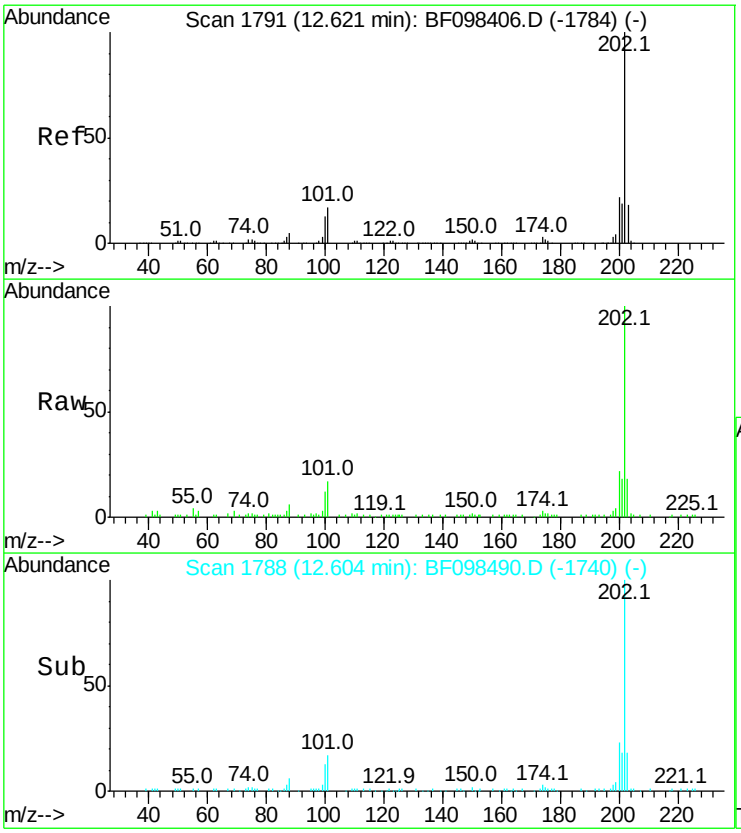
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 355158

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	26.3	20.5	30.7

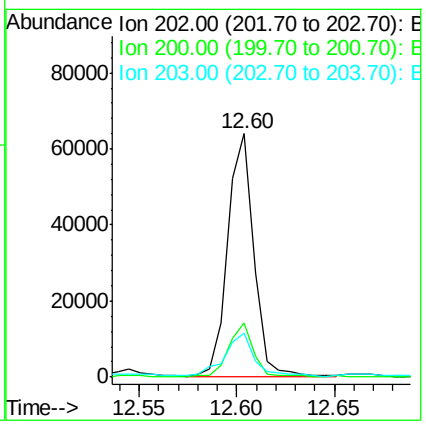


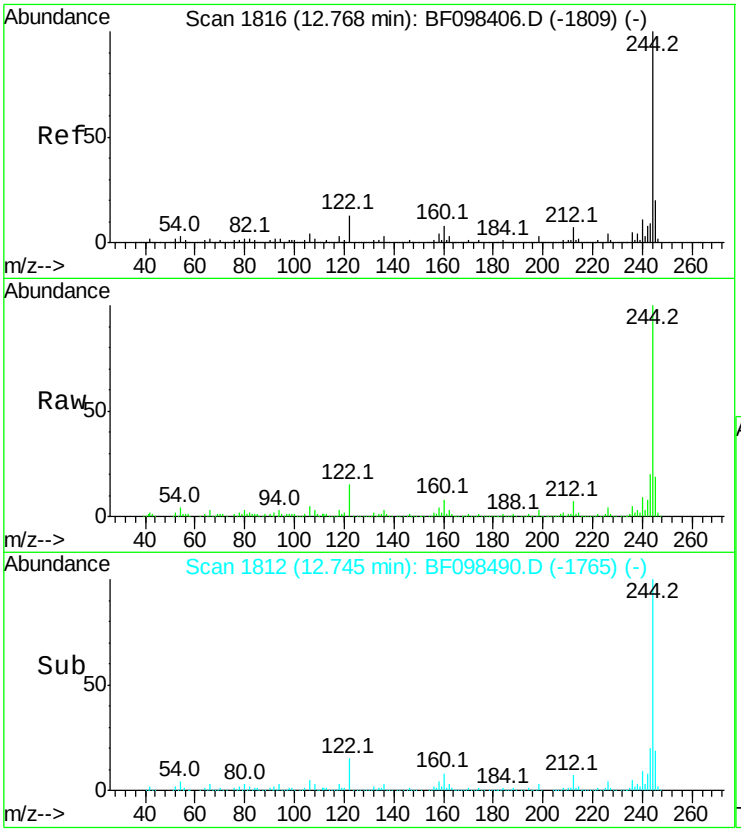


#77
Pyrene
Concen: 2.149 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion:202 Resp: 60213

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.0	14.4	21.6



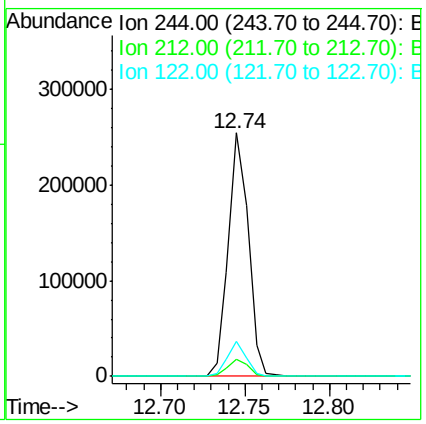


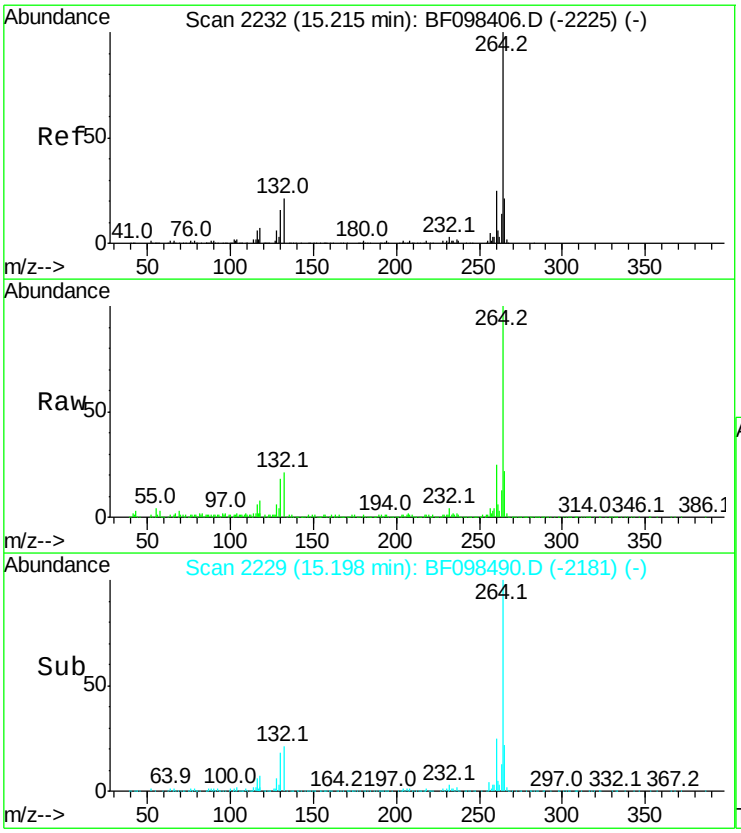
#78
Terphenyl-d14
Concen: 12.796 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 210549

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.5	10.3	15.5

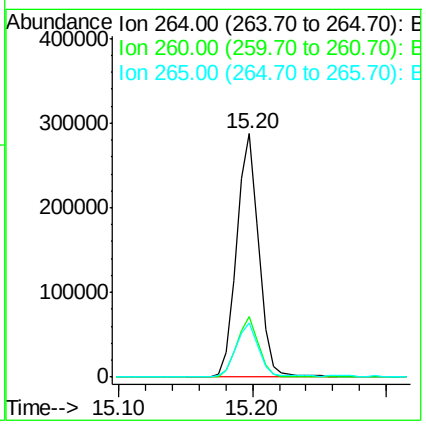


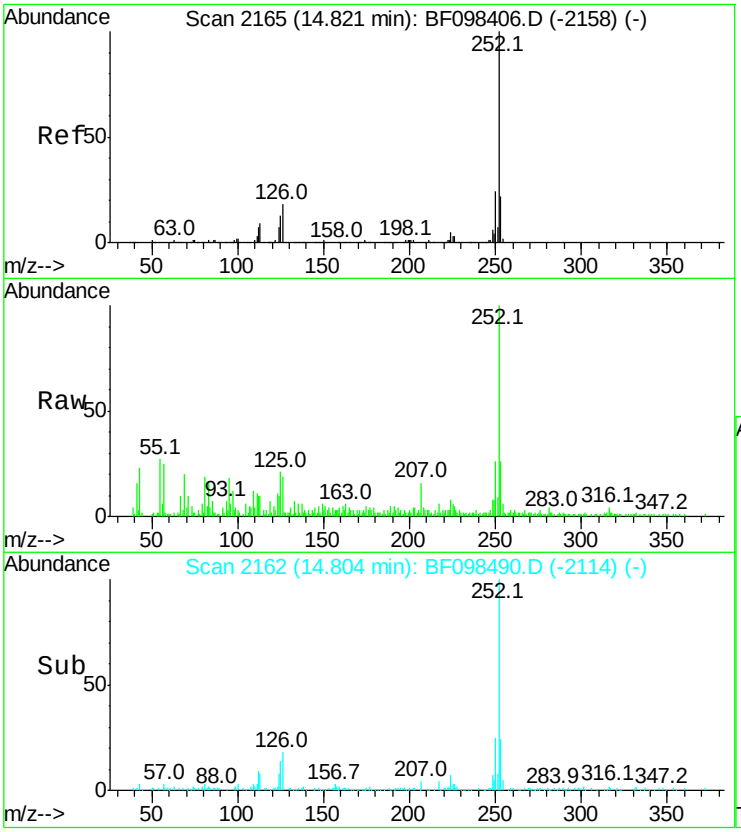


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion:264 Resp: 328853

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.4	17.2	25.8



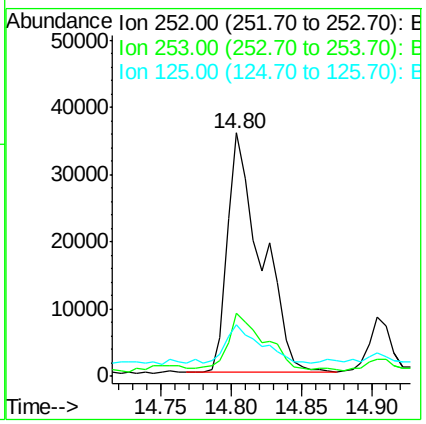


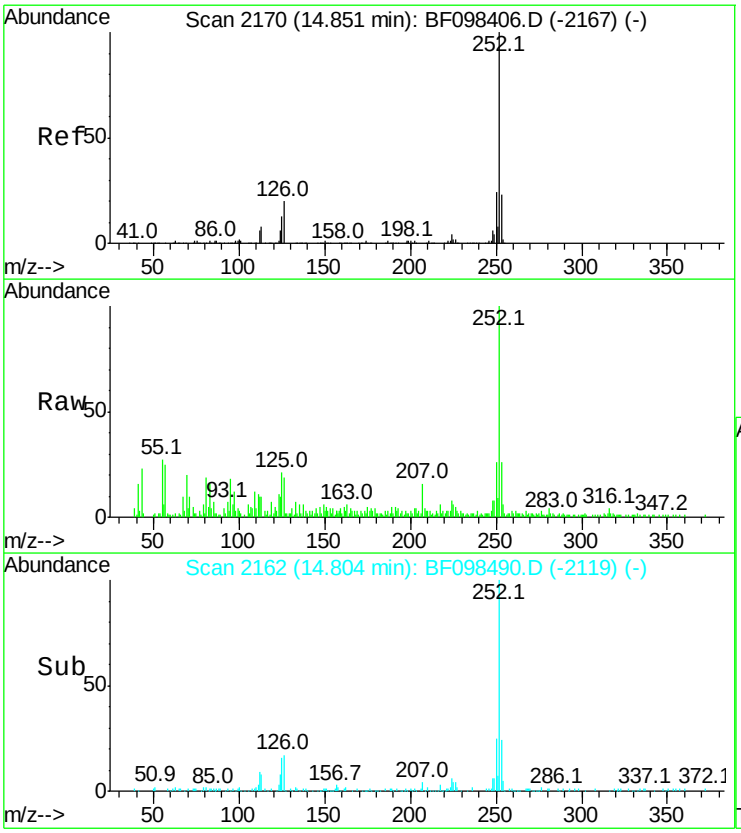
#87
Benzo(b)fluoranthene
Concen: 2.890 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 59764

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	21.1	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 3.096 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.05 min
Lab File: BF098490.D
Acq: 13 Sep 2017 15:18

Tgt Ion:252 Resp: 59764

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.4	27.6
125	21.1	13.1	19.7#