Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
Data File : BF098835.D
Acq On : 26 Sep 2017 16:35
Operator : SJ/JU
Sample : I5363-07 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 27 00:46:36 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	6.91	152	132722	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	552693	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	253030	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	434717	20.00	ng		0.00
75) Chrysene-d12	14.07	240	303436	20.00	ng		-0.01
86) Perylene-d12	15.57	264	293514	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	101227	12.14	ng		-0.02
7) Phenol-d6	6.53	99	123073	11.97	ng		-0.02
23) Nitrobenzene-d5	7.47	82	68514	7.95	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	21920	10.59	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	146008	9.63	ng		-0.02
78) Terphenyl-d14	13.02	244	117876	8.83	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.47	82	68215	3.83	ng	#	64
50) 2,6-Dinitrotoluene	9.95	165	32701	7.87	ng	#	26
56) 2,4-Dinitrotoluene	9.95	165	32701	6.06	ng	#	23
70) Phenanthrene	11.46	178	69407	2.98	ng		98
74) Fluoranthene	12.65	202	107272	4.55	ng		96
77) Pyrene	12.88	202	91420	3.95	ng		99
80) Benzo(a)anthracene	14.06	228	51568	2.81	ng		96
82) Chrysene	14.10	228	52194	2.98	ng		97
87) Benzo(b)fluoranthene	15.13	252	94019	5.21	ng	#	92
88) Benzo(k)fluoranthene	15.13	252	94019	5.27	ng	#	95
89) Benzo(a)pyrene	15.50	252	39782	2.40	ng	#	91

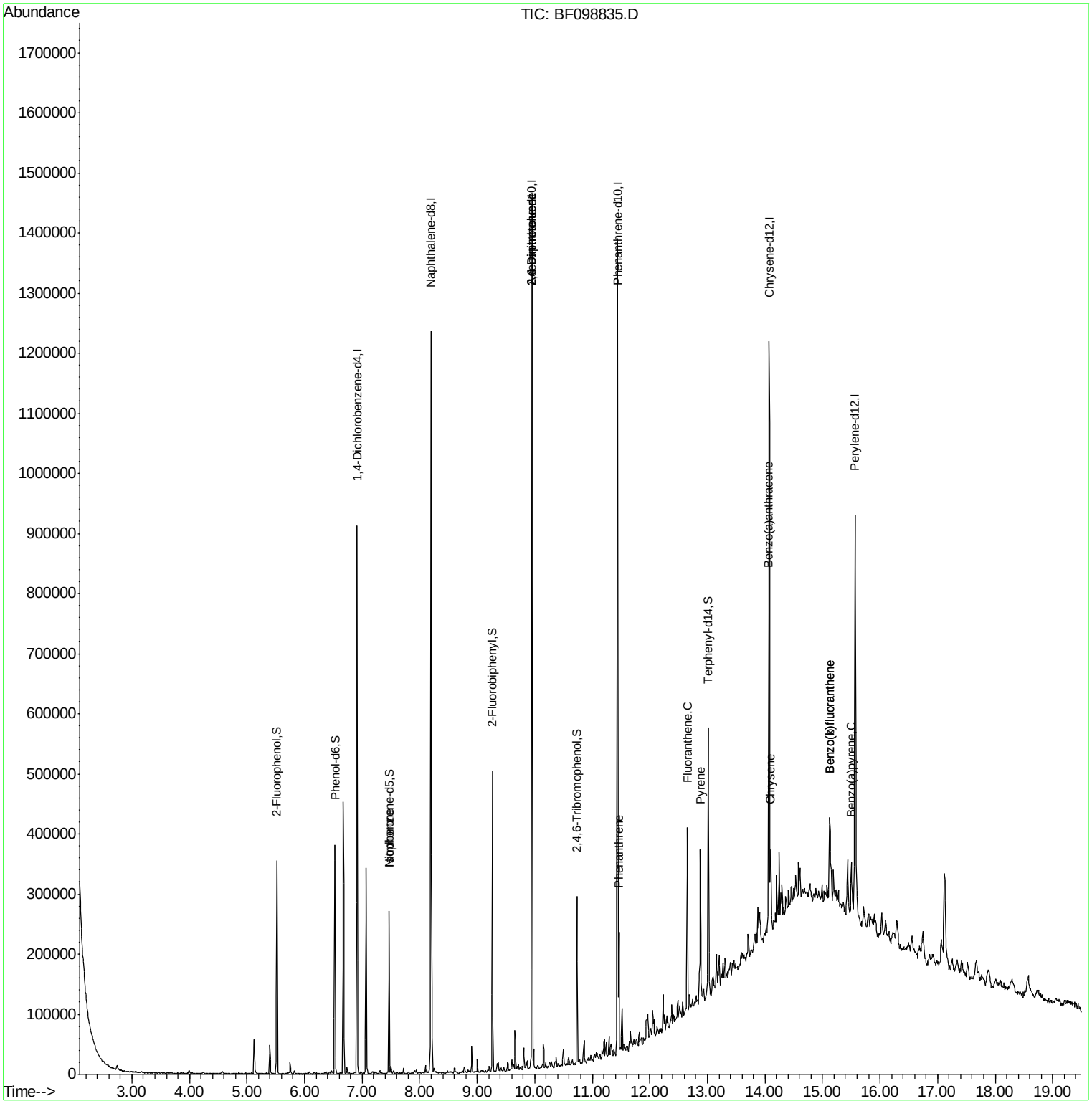
(#) = qualifier out of range (m) = manual integration (+) = signals summed

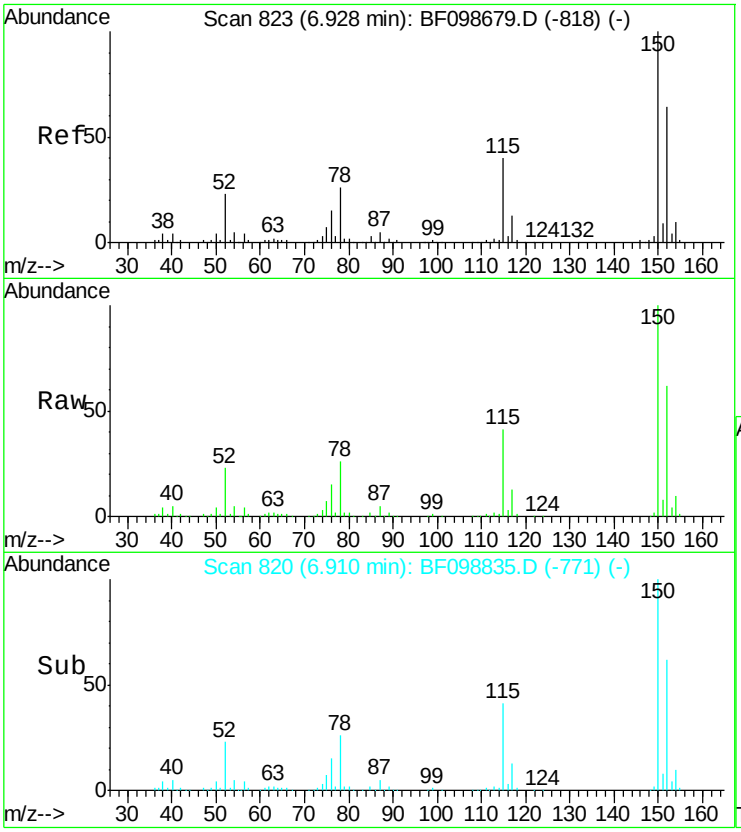
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
Data File : BF098835.D
Acq On : 26 Sep 2017 16:35
Operator : SJ/JU
Sample : I5363-07 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 27 00:46:36 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



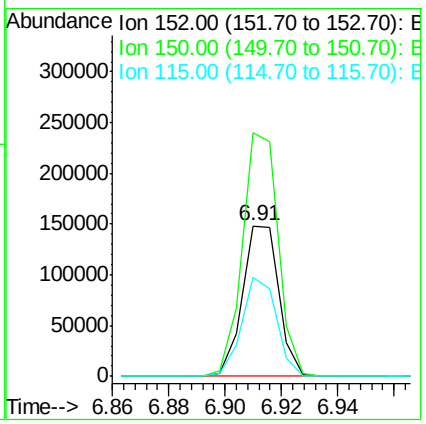


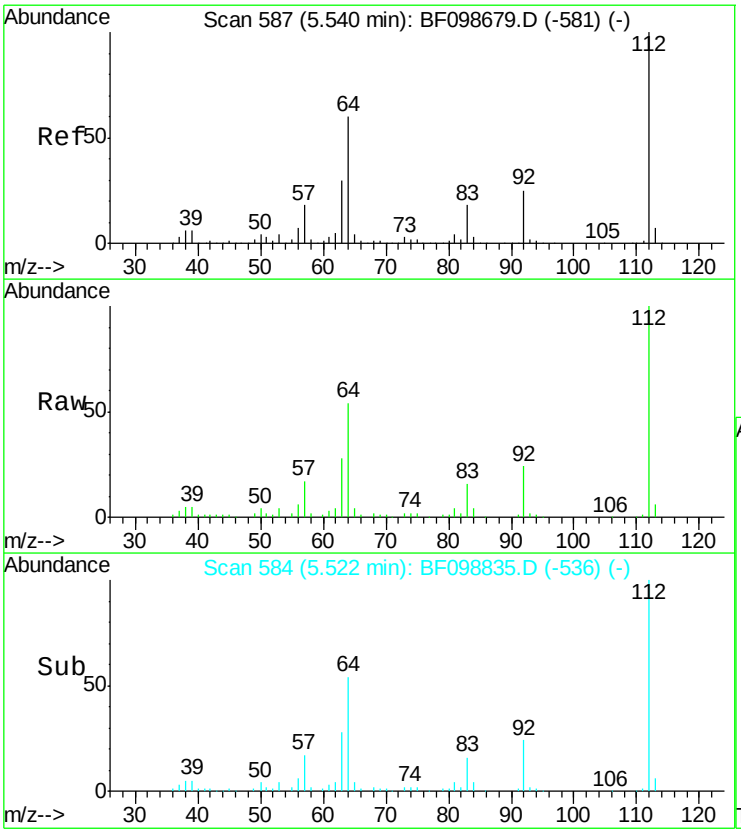
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 132722

Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	65.5	50.1	75.1

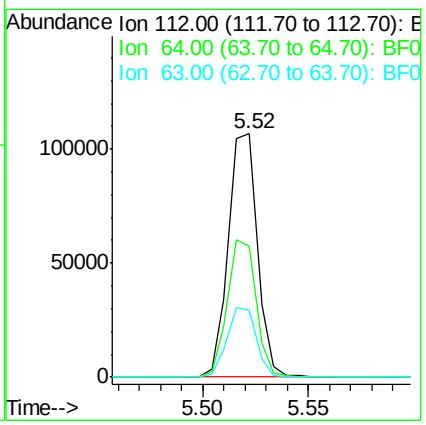


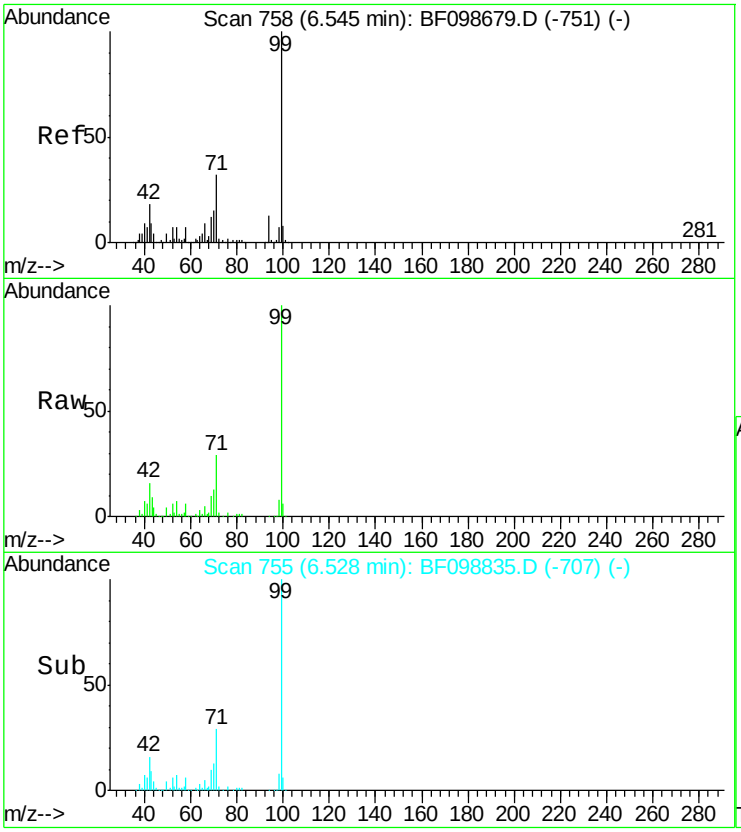


#5
2-Fluorophenol
Concen: 12.14 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion:112 Resp: 101227

Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	27.5	23.7	35.5



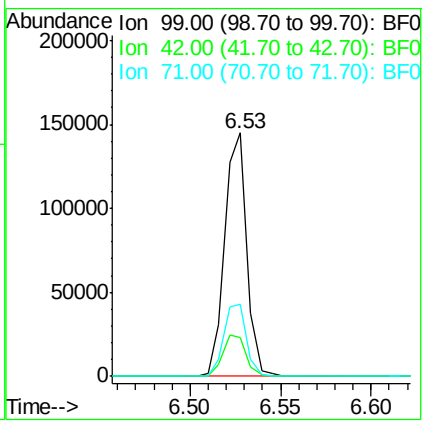


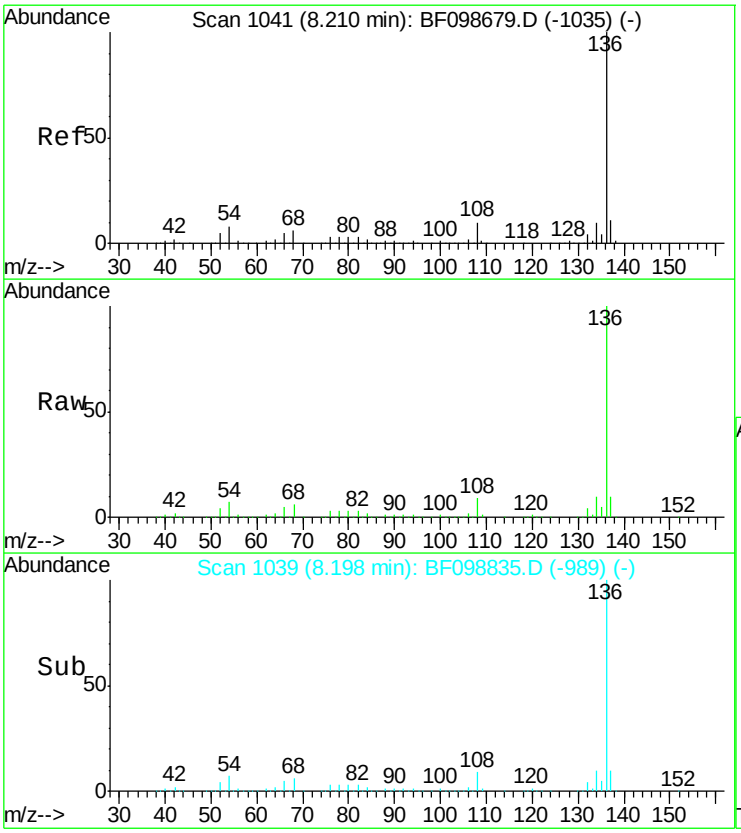
#7
Phenol-d6
Concen: 11.97 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 123073

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	29.4	25.4	38.0

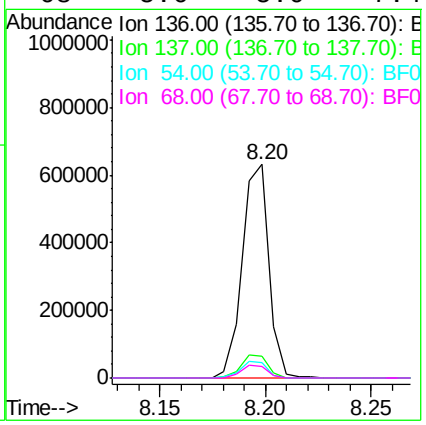


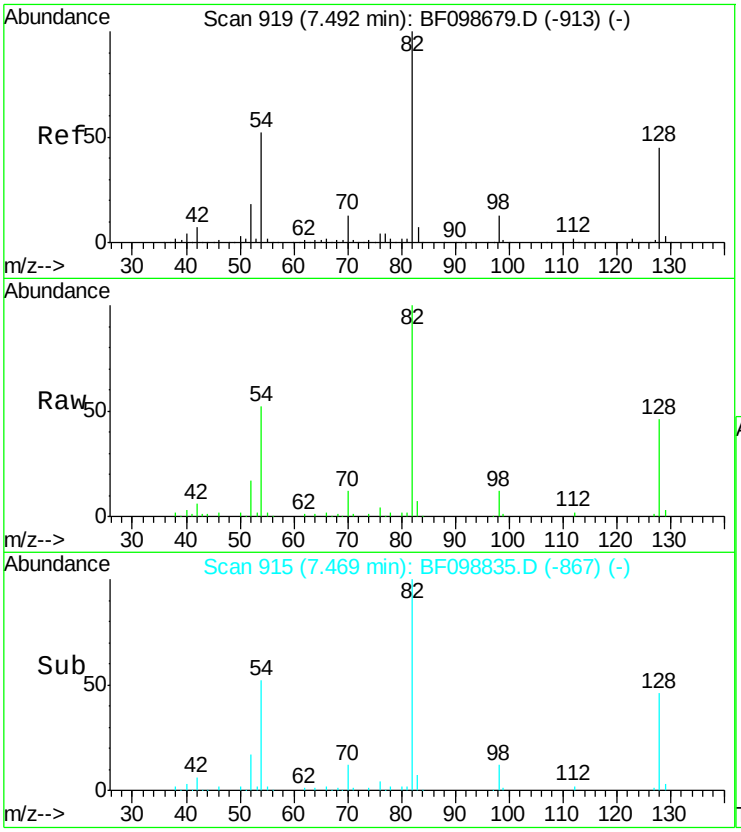


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion:136 Resp: 552693

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.2	6.6	9.8
68	5.6	5.0	7.4



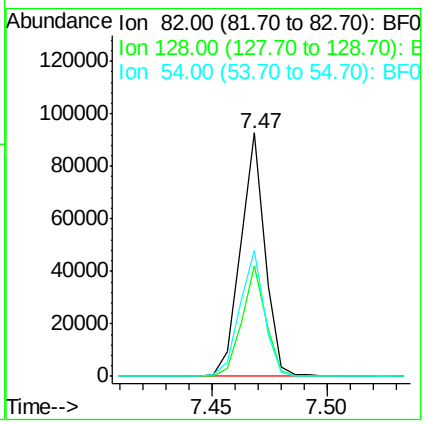


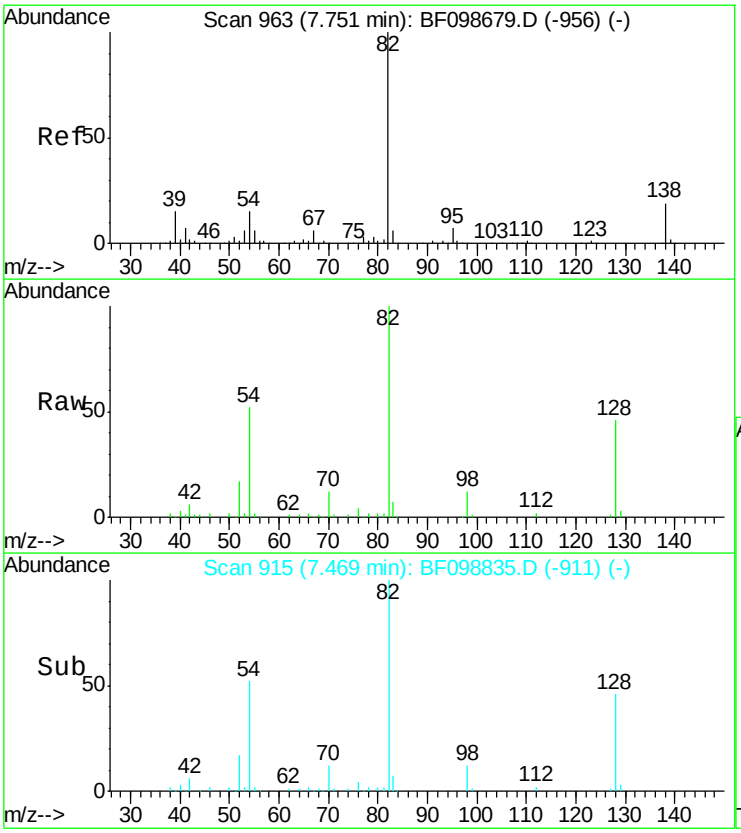
#23
Nitrobenzene-d5
Concen: 7.95 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 68514

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	51.7	41.4	62.2

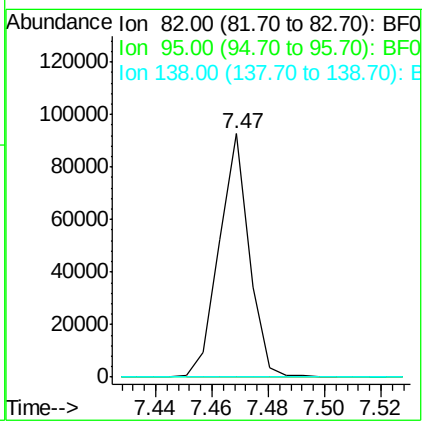


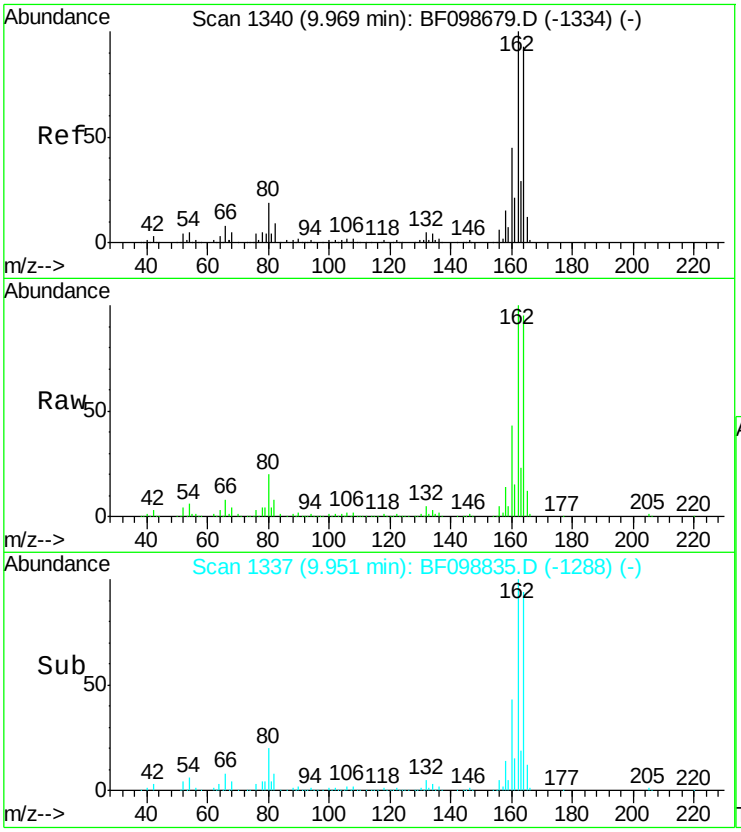


#25
Isophorone
Concen: 3.83 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.28 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion: 82 Resp: 68215

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



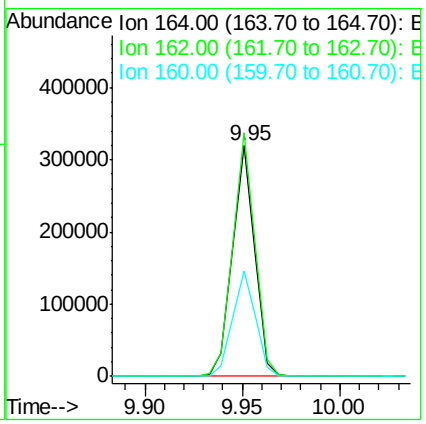


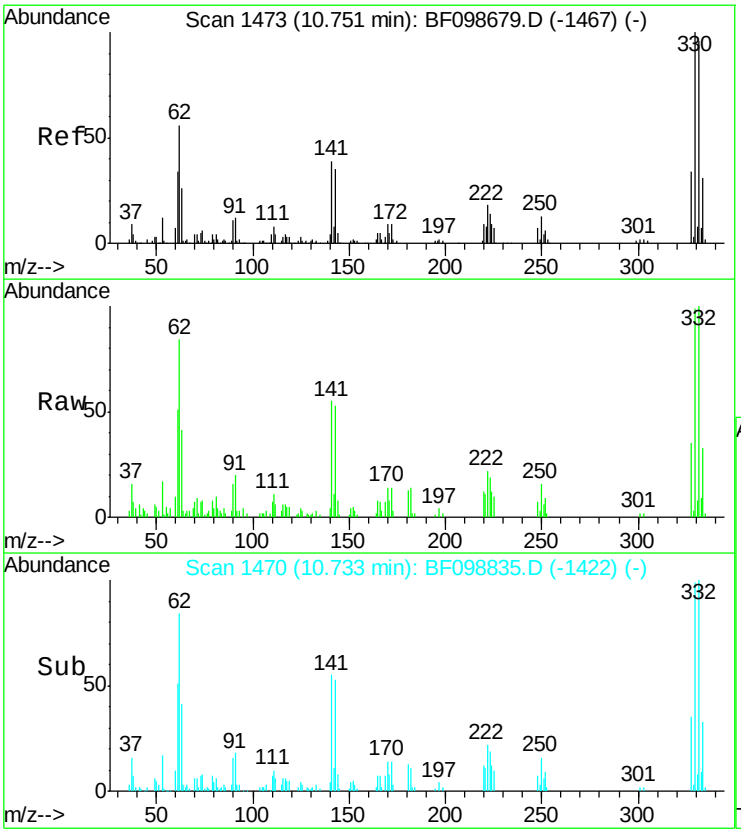
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 253030

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	45.6	38.3	57.5

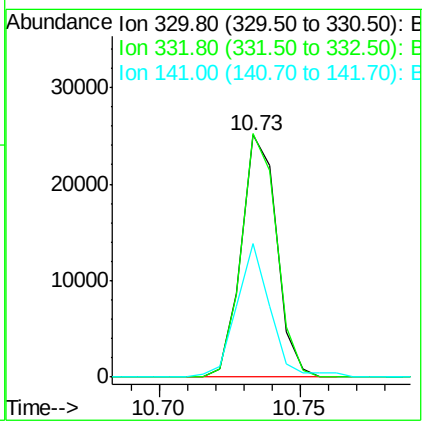


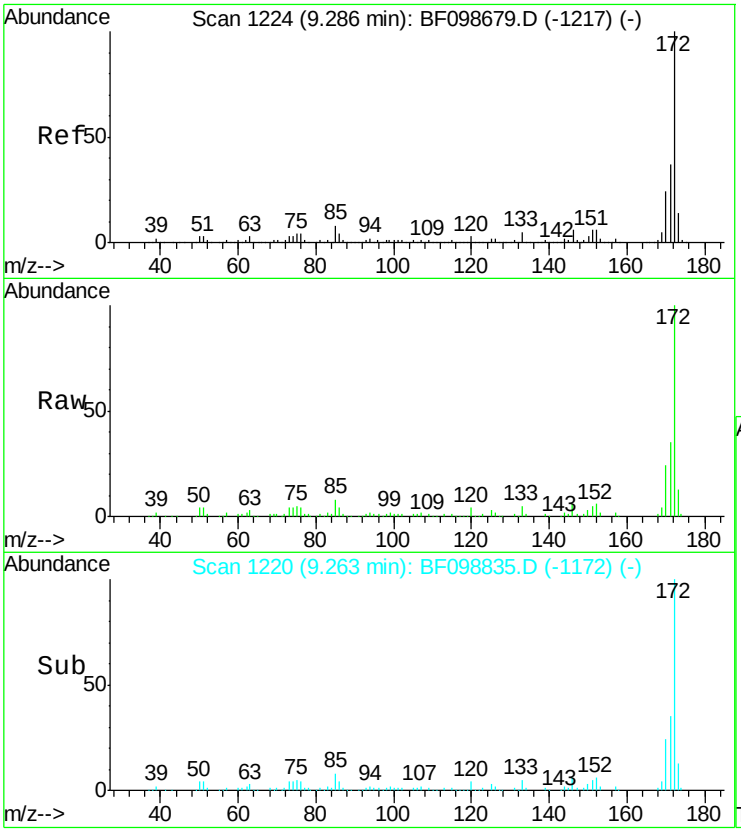


#41
2,4,6-Tribromophenol
Concen: 10.59 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion:330 Resp: 21920

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	52.3	29.9	44.9#



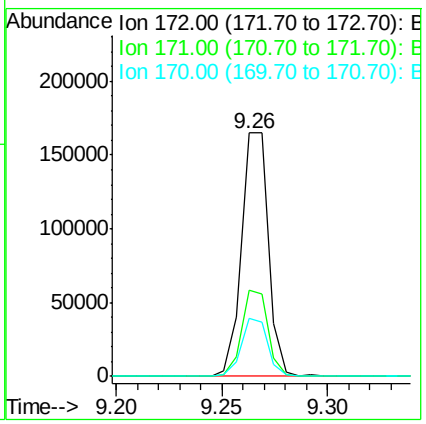


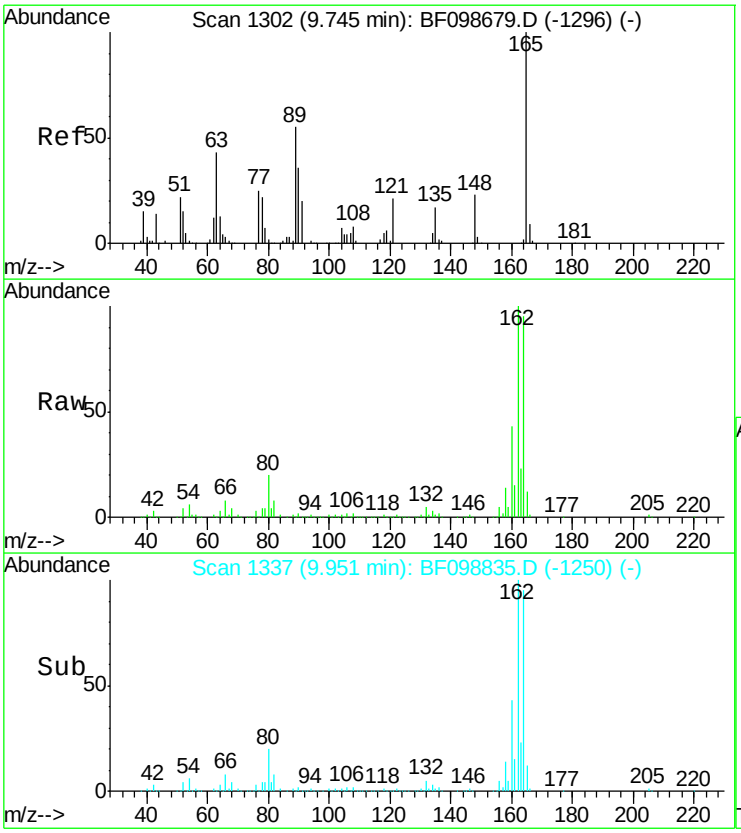
#44
2-Fluorobiphenyl
Concen: 9.63 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 146008

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.8	19.6	29.4

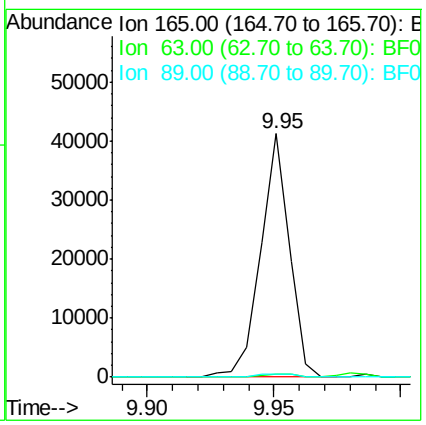


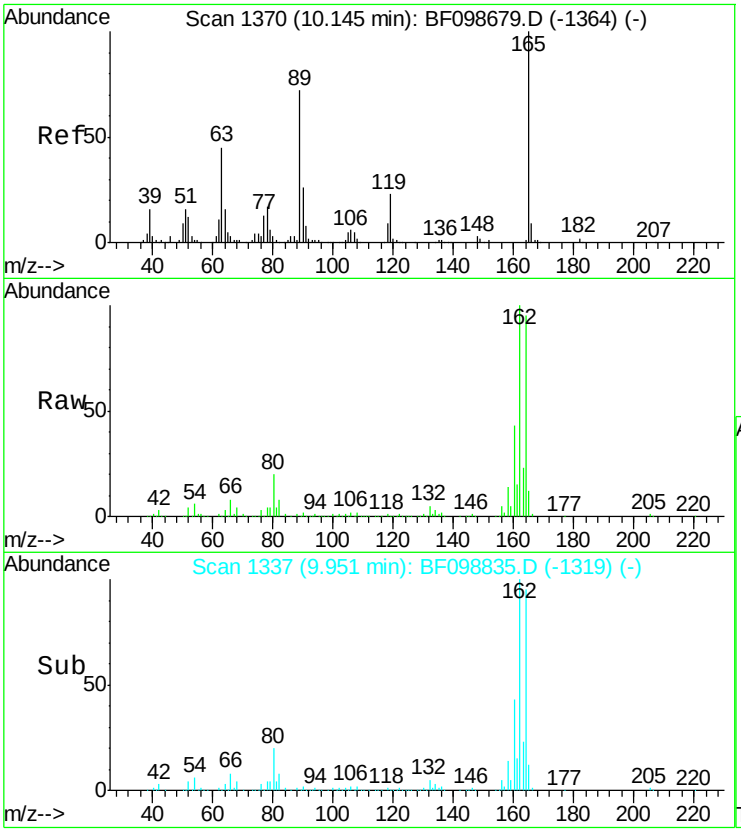


#50
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.21 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion:165 Resp: 32701

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



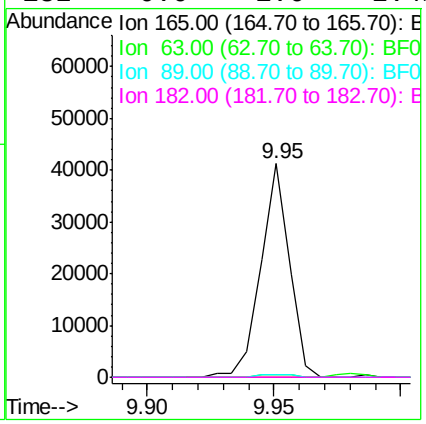


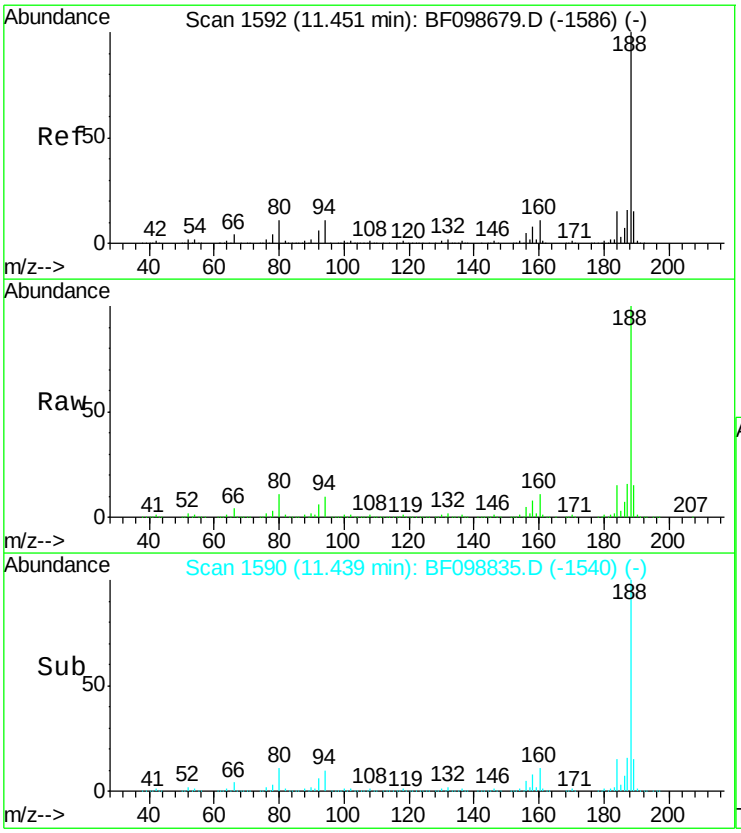
#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.19 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32701

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

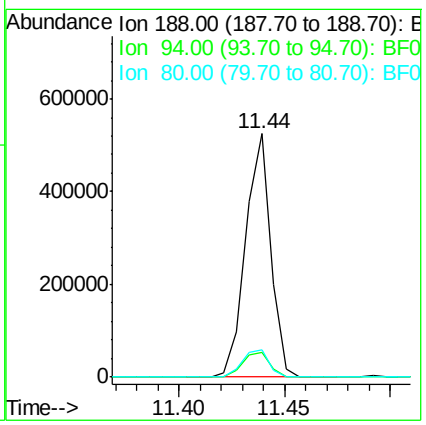


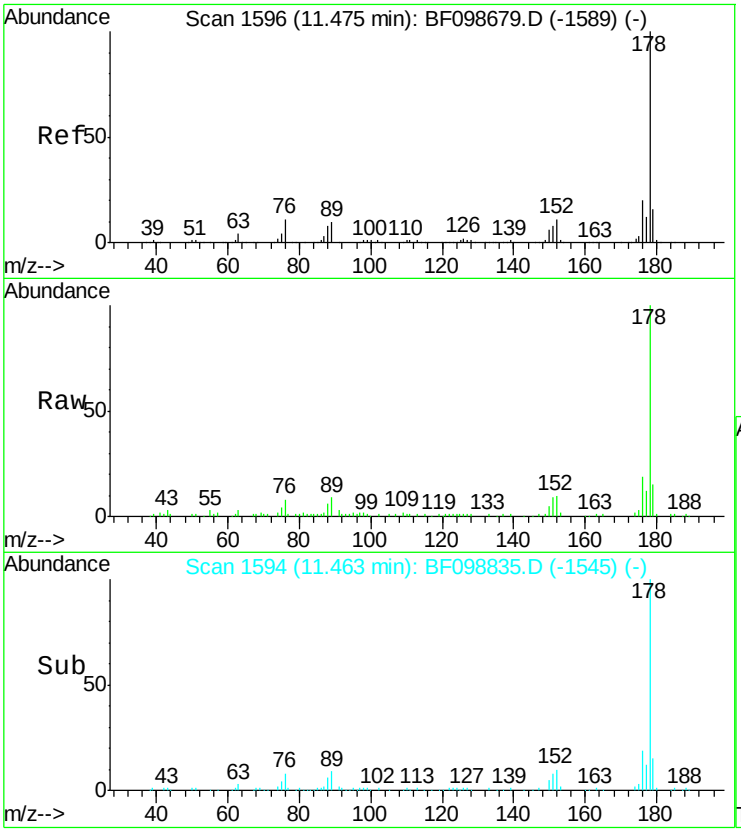


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion:188 Resp: 434717

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.2	9.2	13.8



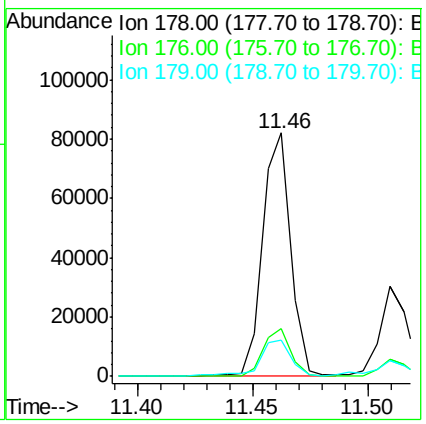


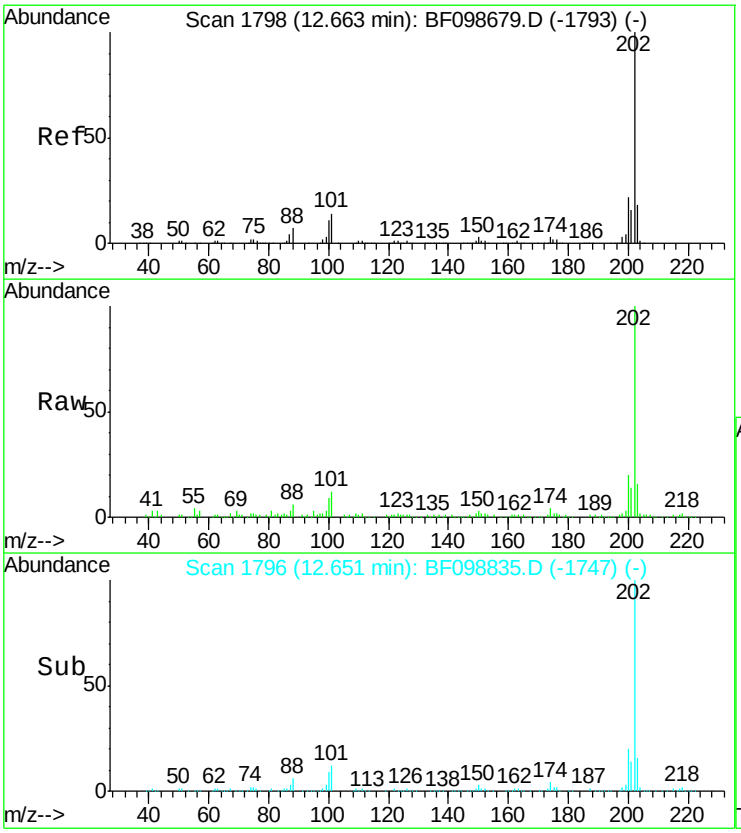
#70
Phenanthrene
Concen: 2.98 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 69407

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	14.9	13.0	19.6

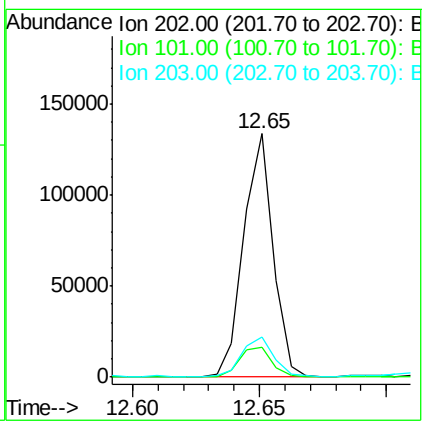


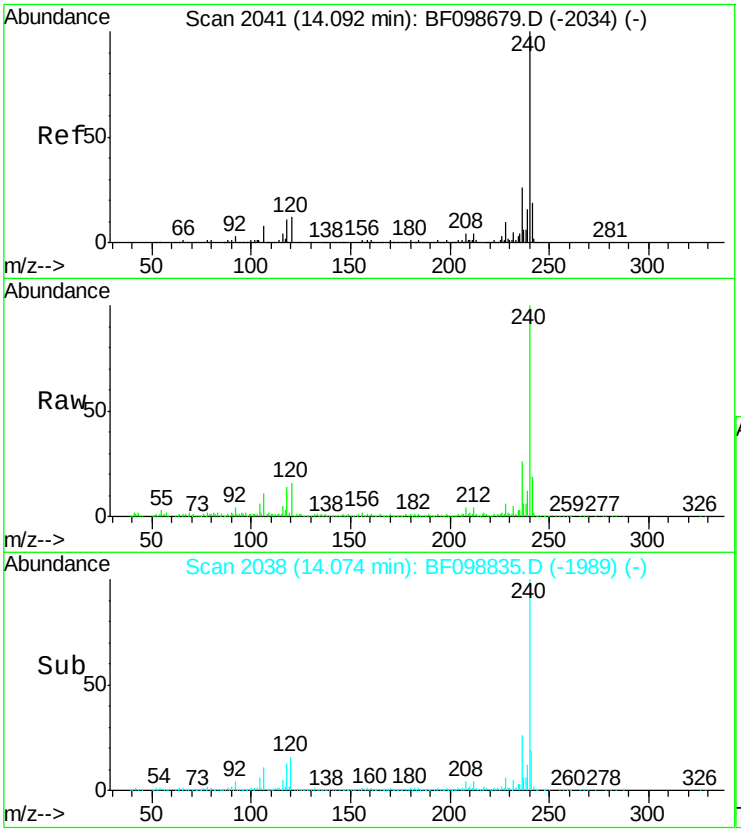


#74
Fluoranthene
Concen: 4.55 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion:202 Resp: 107272

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	16.5	0.0	38.1



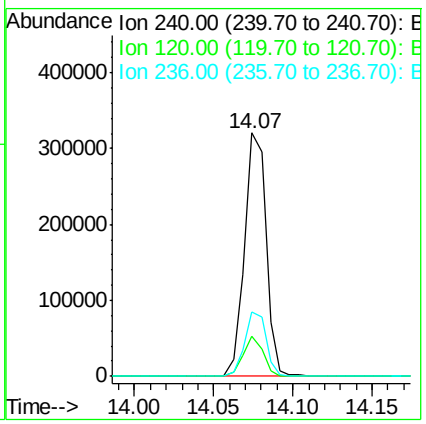


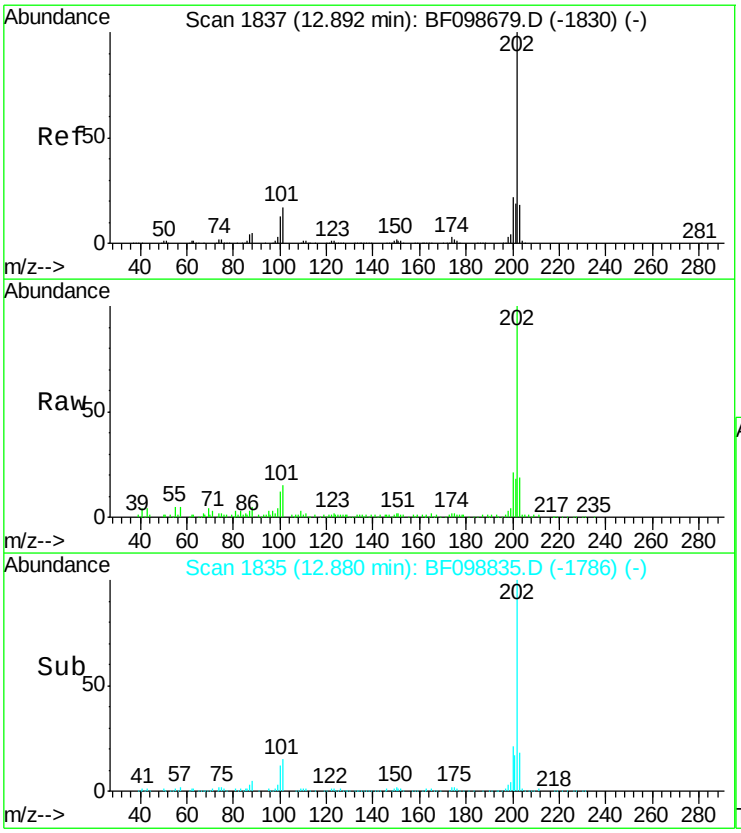
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 303436

Ion	Ratio	Lower	Upper
240	100		
120	16.3	9.5	14.3#
236	26.4	20.7	31.1

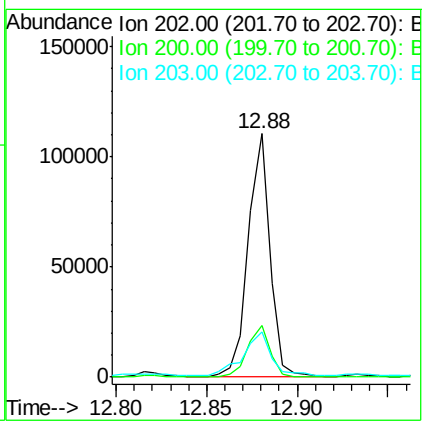


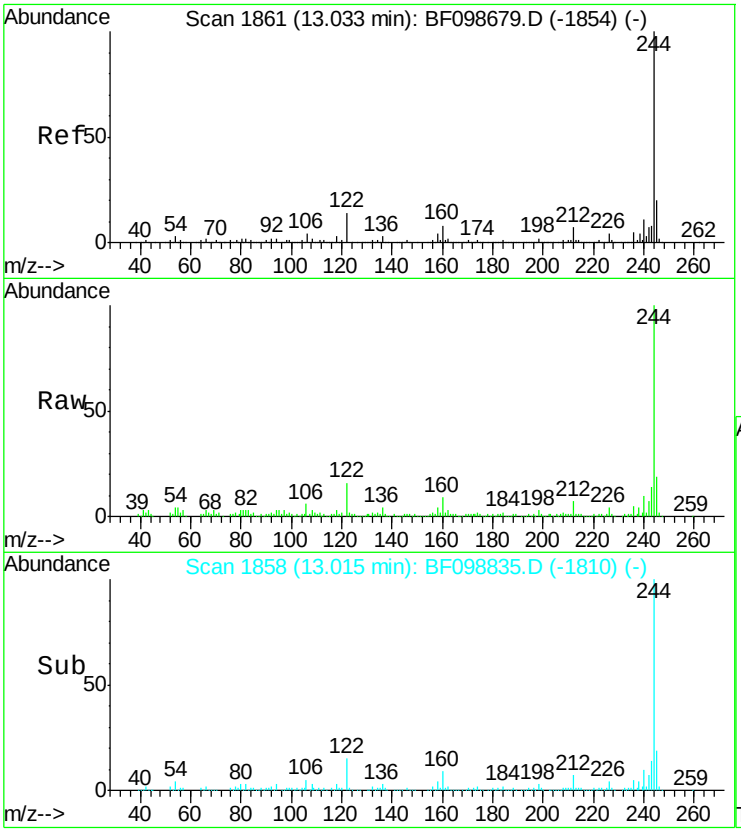


#77
Pyrene
Concen: 3.95 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion:202 Resp: 91420

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.5	14.3	21.5



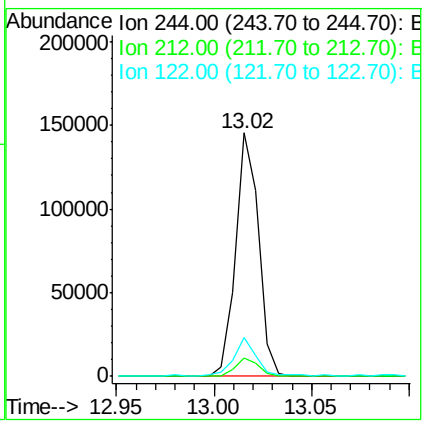


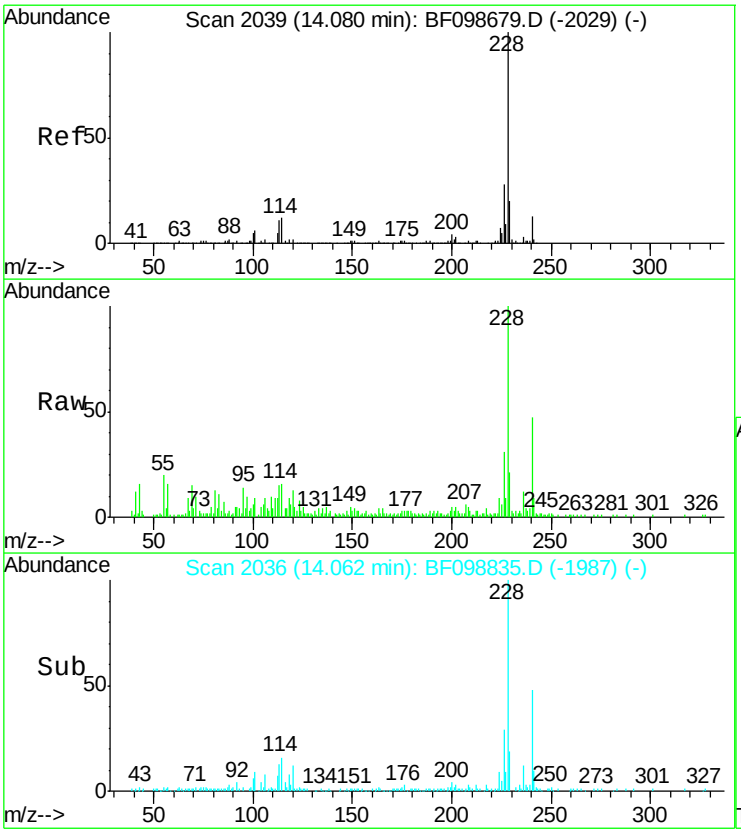
#78
Terphenyl-d14
Concen: 8.83 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 117876

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	15.9	11.0	16.4

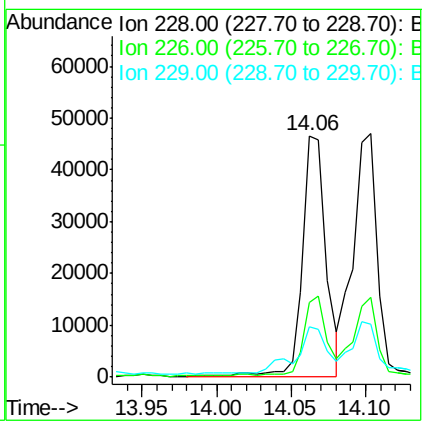


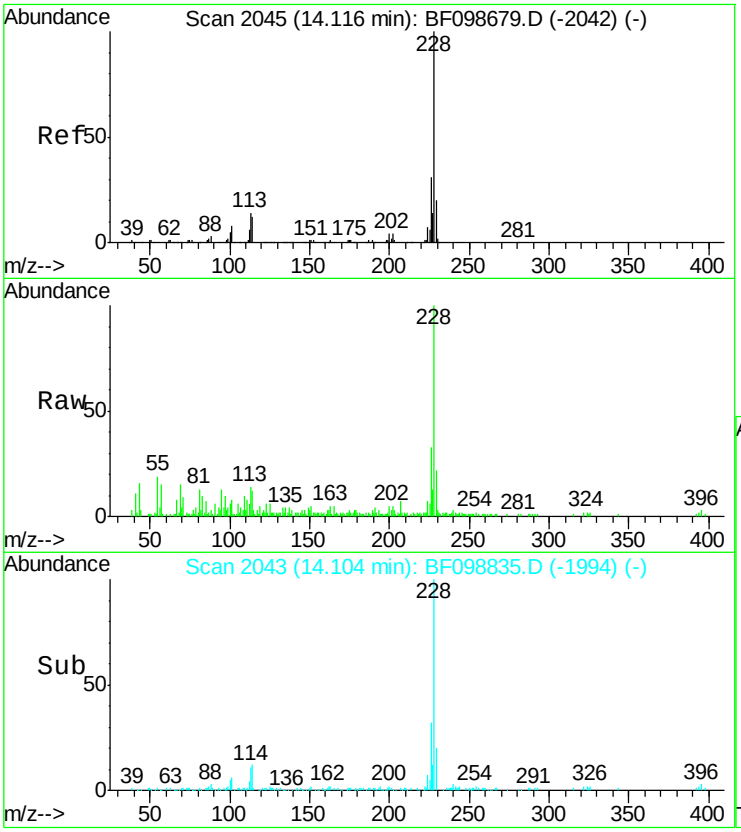


#80
Benzo(a)anthracene
Concen: 2.81 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion:228 Resp: 51568

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	20.8	15.8	23.6



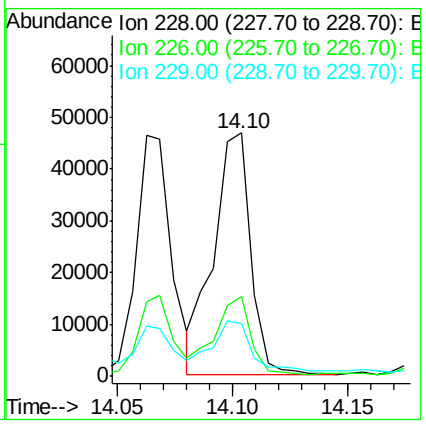


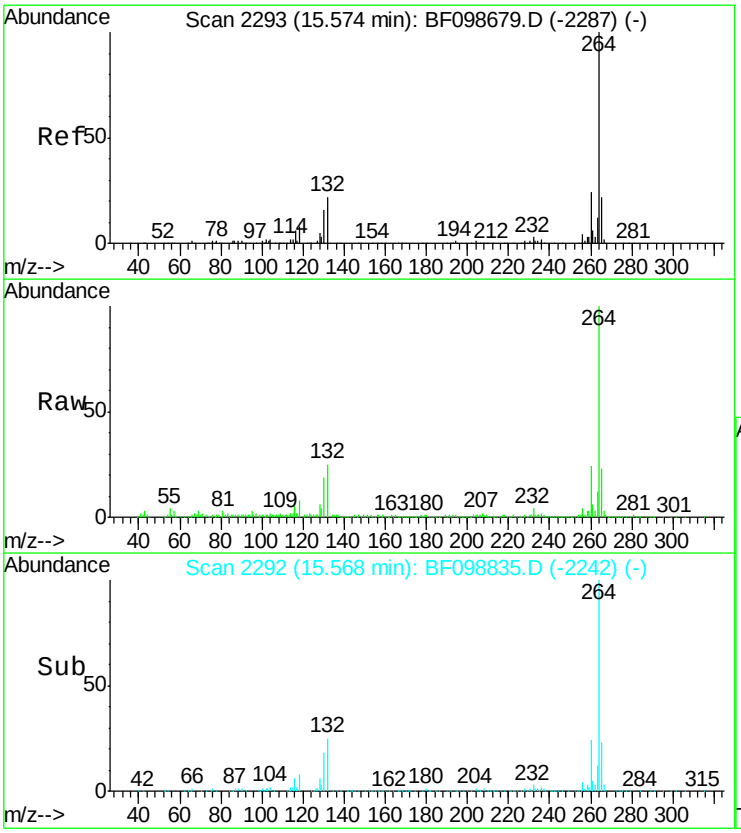
#82
Chrysene
Concen: 2.98 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 52194

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	21.6	16.2	24.4

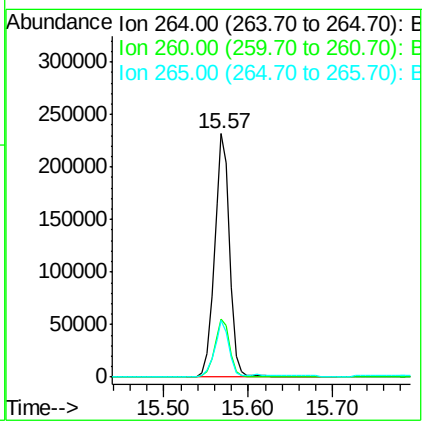


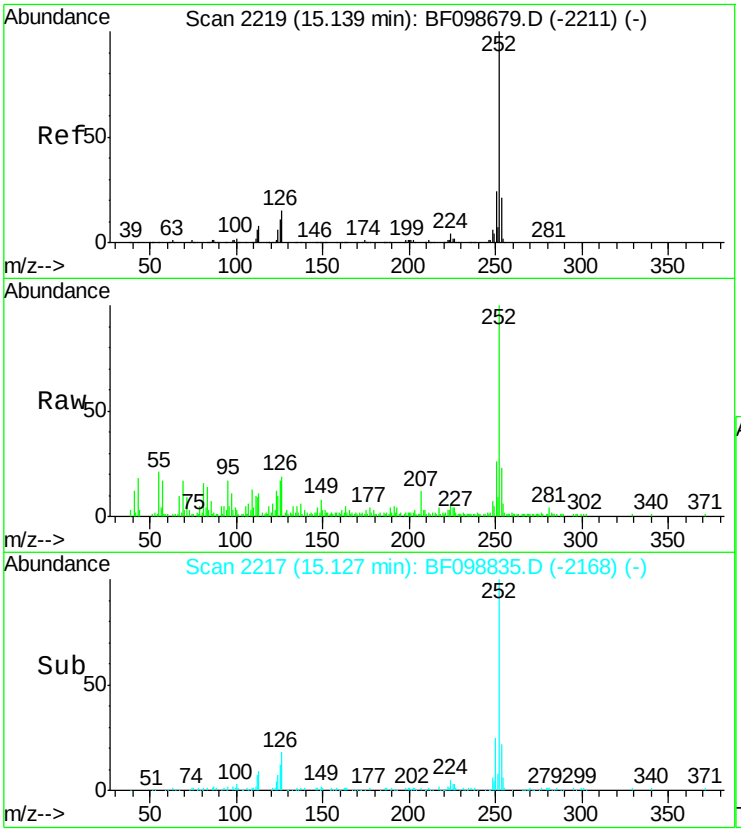


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion:264 Resp: 293514

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.1	17.5	26.3



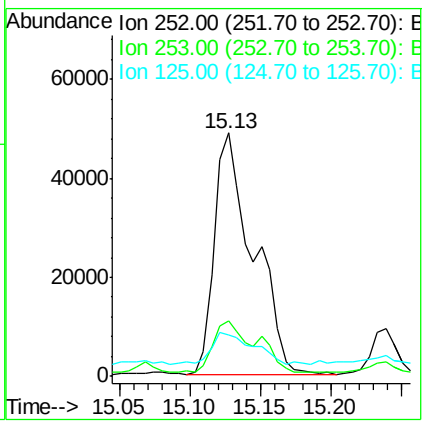


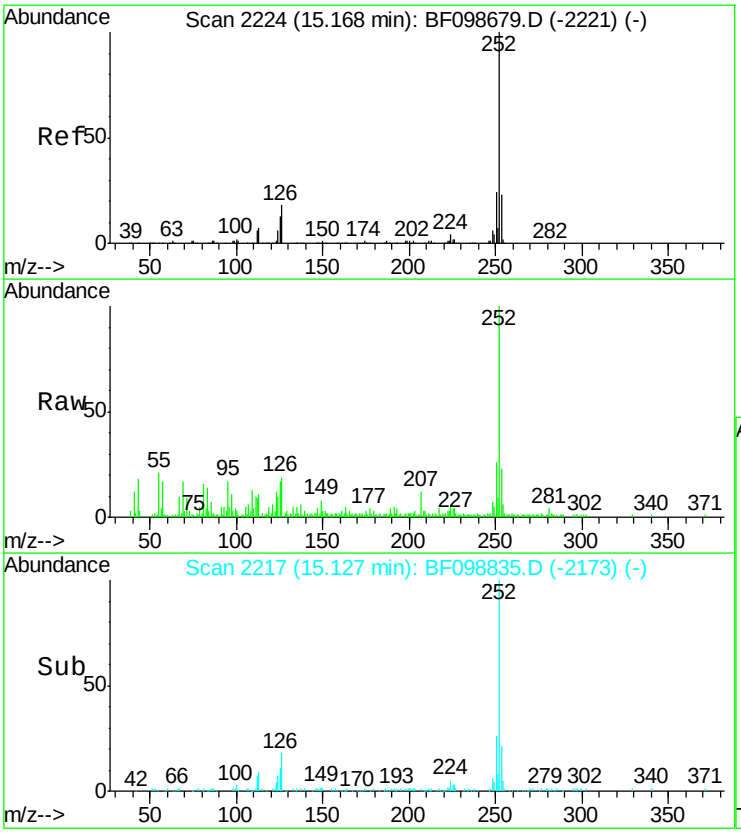
#87
Benzo(b)fluoranthene
Concen: 5.21 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 94019

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	17.2	9.0	13.6#

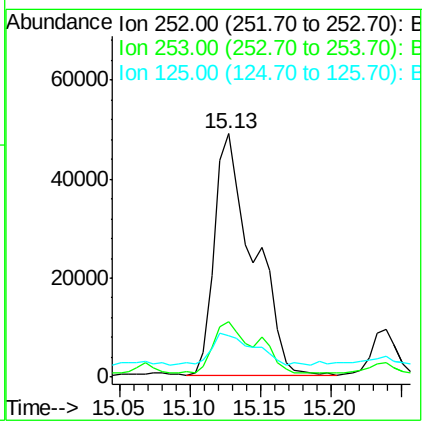


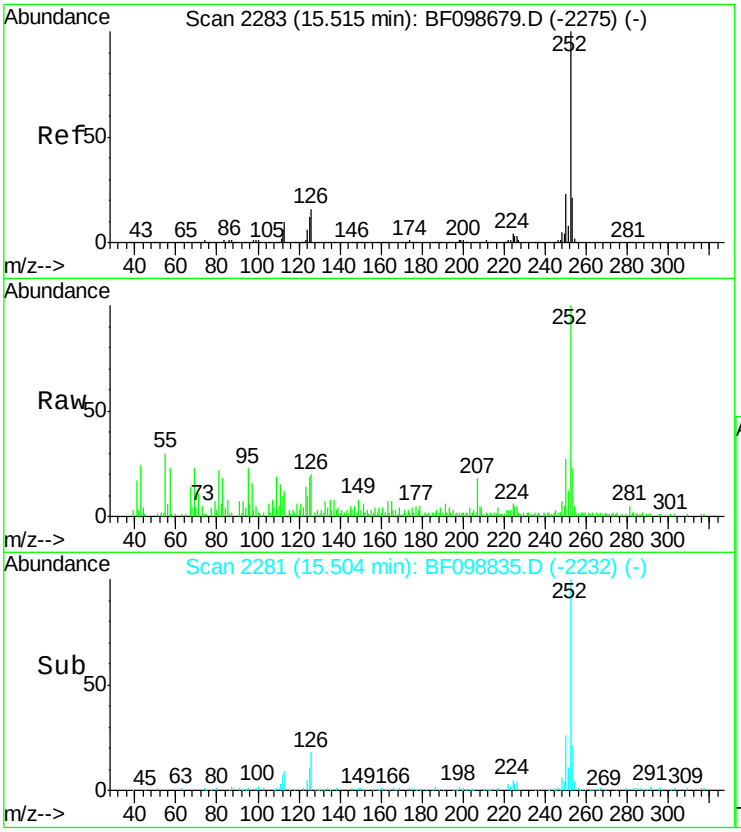


#88
Benzo(k)fluoranthene
Concen: 5.27 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Tgt Ion:252 Resp: 94019

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	17.2	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.40 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098835.D
Acq: 26 Sep 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 39782

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	19.1	9.8	14.6#