Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109931.D
Acq On : 17 Oct 2018 20:21
Operator : JU/SJ
Sample : J5200-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 18 10:41:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	230257	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	847216	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	350068	20.00	ng		-0.01
64) Phenanthrene-d10	11.51	188	584966	20.00	ng		0.00
76) Chrysene-d12	14.16	240	593726	20.00	ng		0.00
87) Perylene-d12	15.68	264	552546	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	520826	35.85	ng		-0.01
7) Phenol-d6	6.59	99	627649	34.80	ng		-0.02
23) Nitrobenzene-d5	7.53	82	351230	27.93	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	107245	35.39	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	598809	27.29	ng		-0.01
79) Terphenyl-d14	13.09	244	545765	19.30	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	46637	4.027	ng	#	79
25) Isophorone	7.53	82	351230	14.213	ng	#	67
31) Naphthalene	8.28	128	94049	2.421	ng		99
37) 2-Methylnaphthalene	8.97	142	60305	2.397	ng		99
38) 1-Methylnaphthalene	8.97	142	60305	2.474	ng		97
49) Acenaphthylene	9.87	152	67637	2.027	ng	#	96
50) Dimethylphthalate	9.72	163	75734	3.055	ng		99
51) 2,6-Dinitrotoluene	10.02	165	50125	10.647	ng	#	23
52) Acenaphthene	10.05	154	77870	3.665	ng		99
55) Dibenzofuran	10.22	168	82584	2.725	ng		93
57) 2,4-Dinitrotoluene	10.17	165	2543	4.970	ng	#	44
58) Fluorene	10.56	166	141019	6.393	ng		98
65) 4,6-Dinitro-2-methylphenol	10.80	198	173	7.973	ng	#	1
71) Phenanthrene	11.53	178	875776	28.919	ng		100
72) Anthracene	11.58	178	254224	8.350	ng		98
73) Carbazole	11.73	167	72517	2.423	ng		96
75) Fluoranthene	12.73	202	1017889	33.645	ng		99
78) Pyrene	12.96	202	1022742	23.453	ng		99
81) Benzo(a)anthracene	14.14	228	466397	13.336	ng		96
83) Chrysene	14.18	228	453672	13.629	ng		96
86) Indeno(1,2,3-cd)pyrene	17.24	276	173064	6.457	ng		97
88) Benzo(b)fluoranthene	15.23	252	681439	21.392	ng	#	96
89) Benzo(k)fluoranthene	15.23	252	681439	21.703	ng	#	95
90) Benzo(a)pyrene	15.62	252	381955	13.037	ng		97
92) Benzo(g,h,i)perylene	17.71	276	161949	6.173	ng	#	94

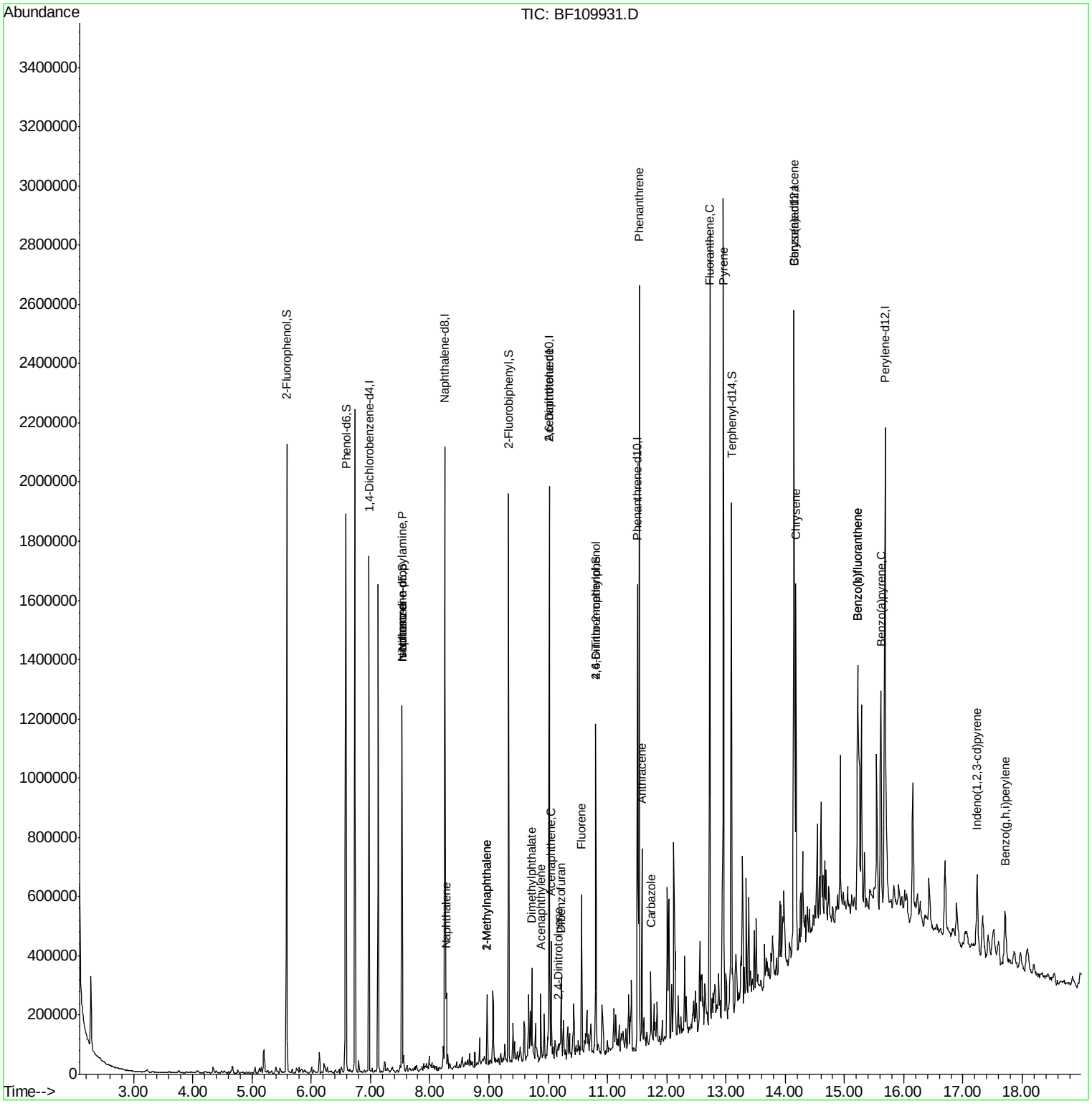
(#) = qualifier out of range (m) = manual integration (+) = signals summed

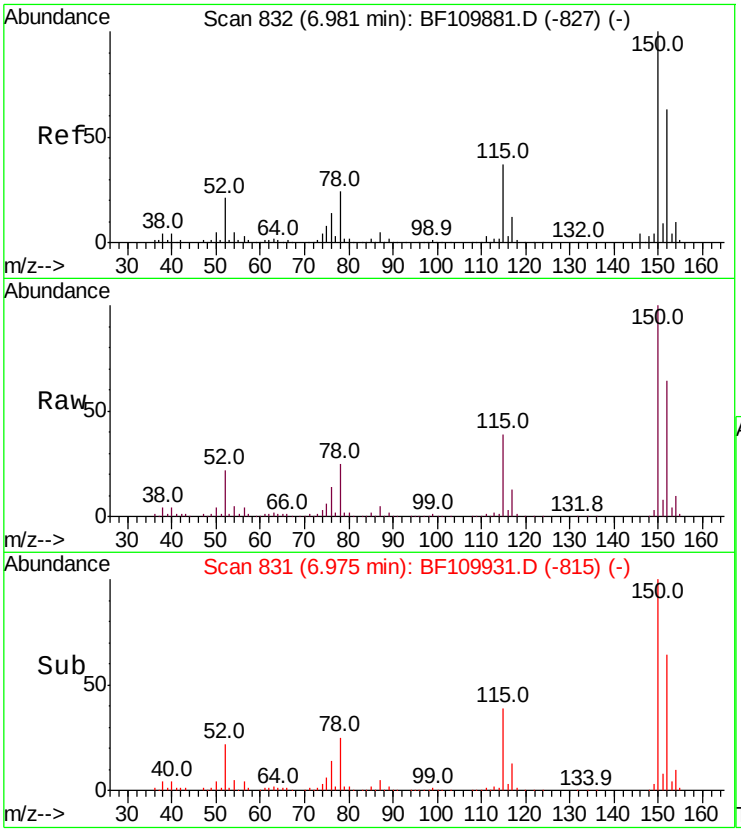
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109931.D
Acq On : 17 Oct 2018 20:21
Operator : JU/SJ
Sample : J5200-09 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 18 10:41:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



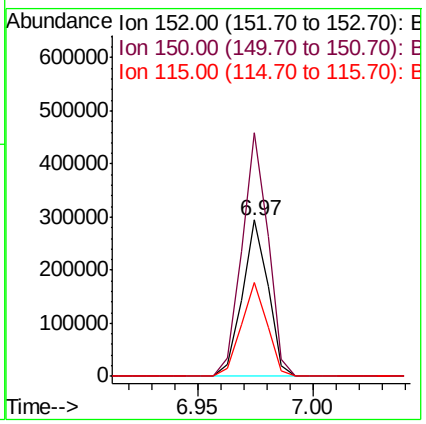


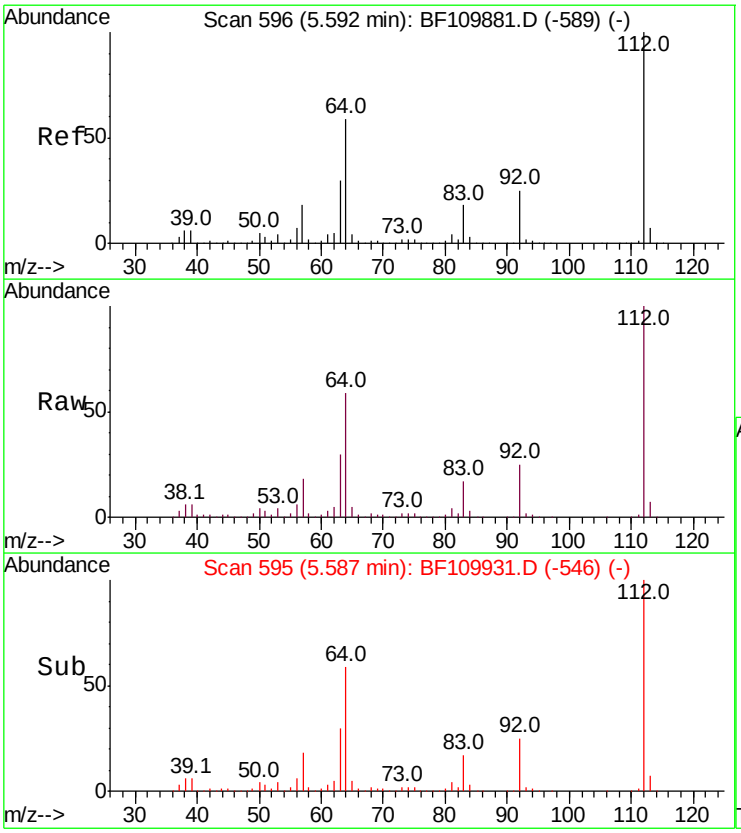
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 230257

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.7	184.1
115	60.0	49.1	73.7

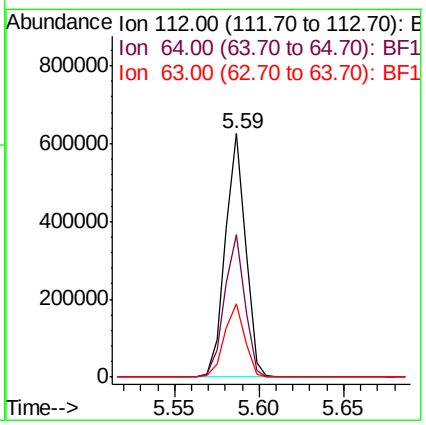


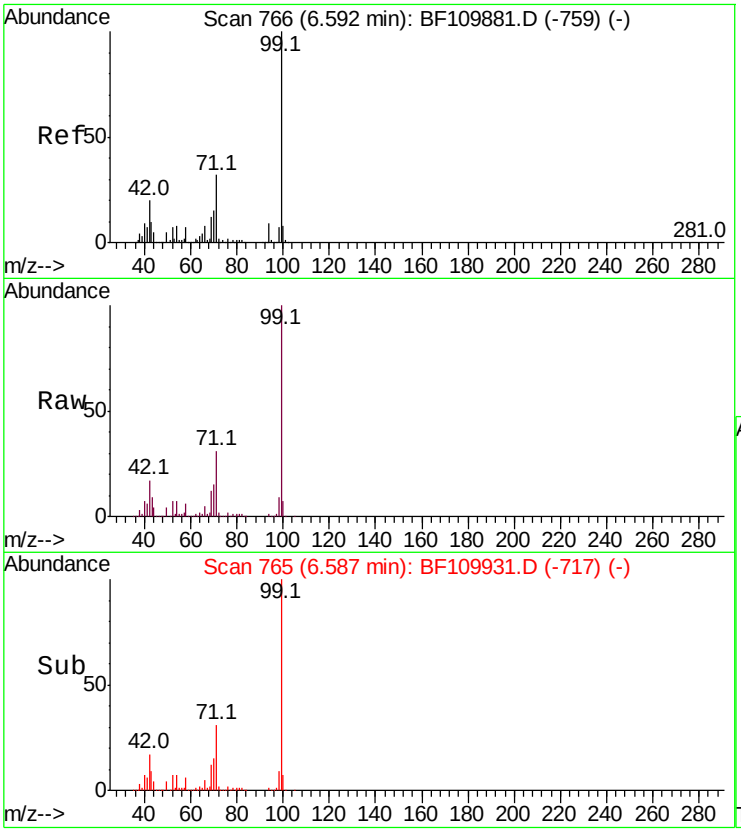


#5
2-Fluorophenol
Concen: 35.855 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:112 Resp: 520826

Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.1	66.1
63	30.0	23.7	35.5



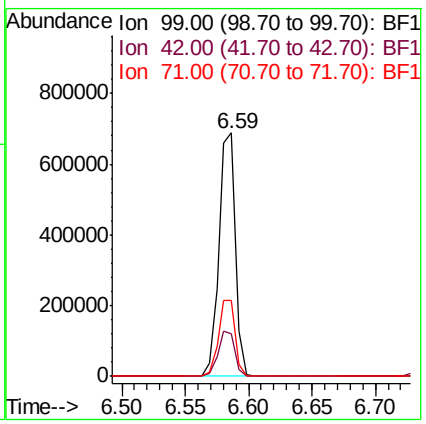


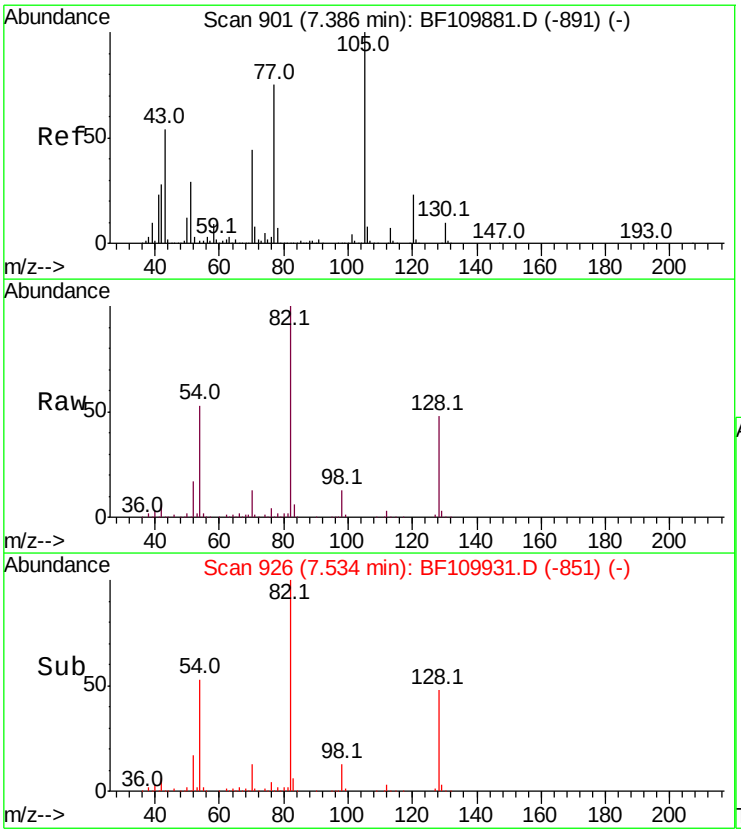
#7
Phenol-d6
Concen: 34.797 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 627649

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.8	23.6
71	31.4	28.0	42.0

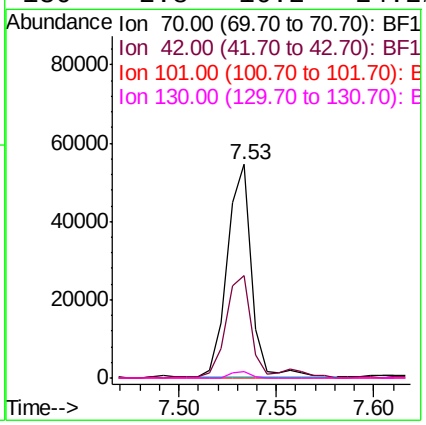


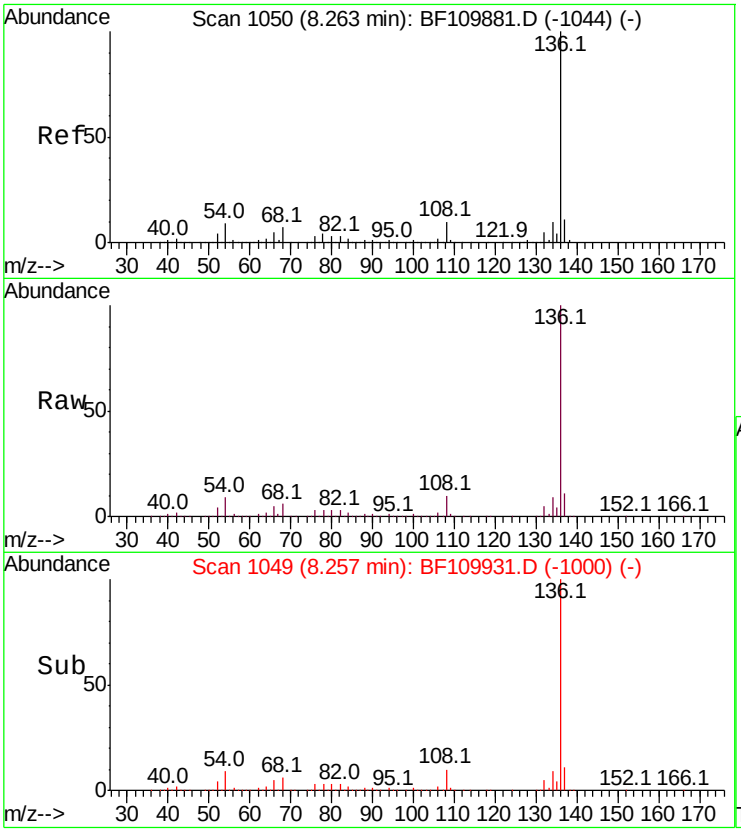


#19
n-Nitroso-di-n-propylamine
Concen: 4.027 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion: 70 Resp: 46637

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.4	71.2
101	0.0	7.3	10.9#
130	2.8	16.2	24.2#



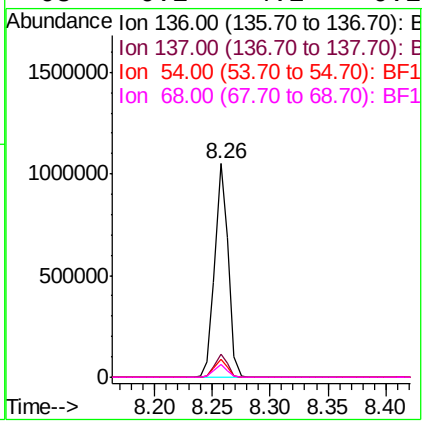


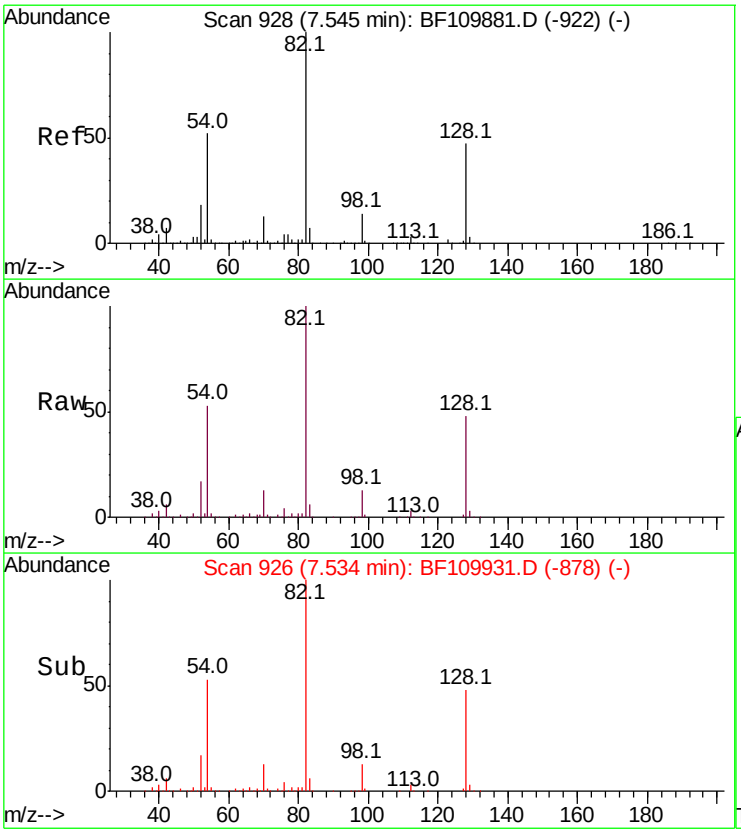
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 847216

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.6	5.4	8.2#
68	6.2	4.2	6.2

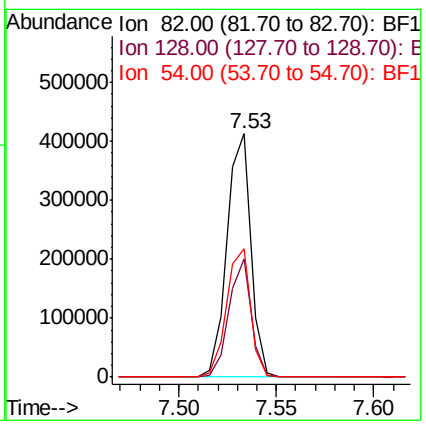


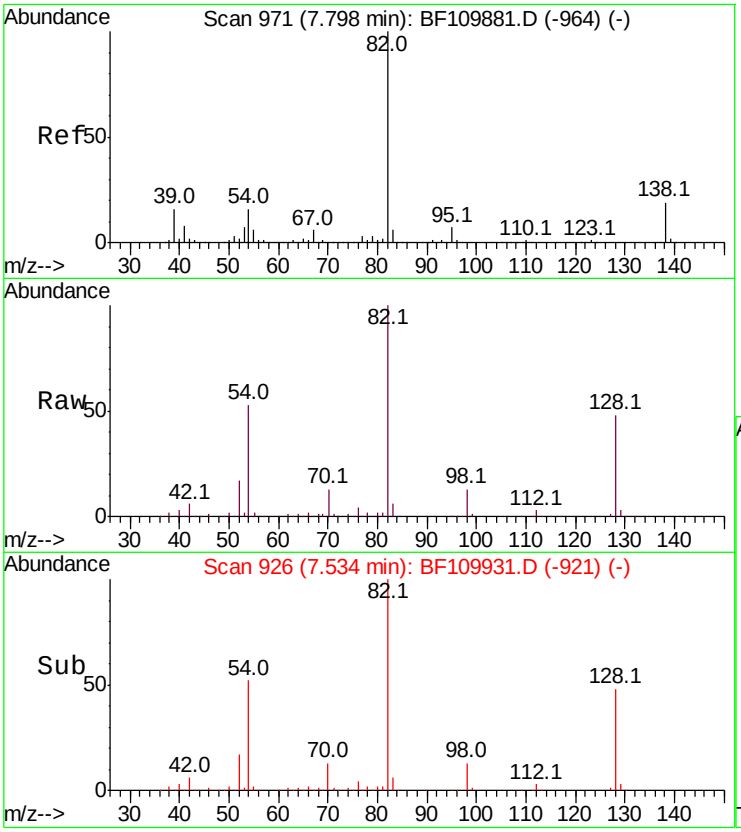


#23
Nitrobenzene-d5
Concen: 27.927 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion: 82 Resp: 351230

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.2	51.2
54	52.5	38.6	58.0



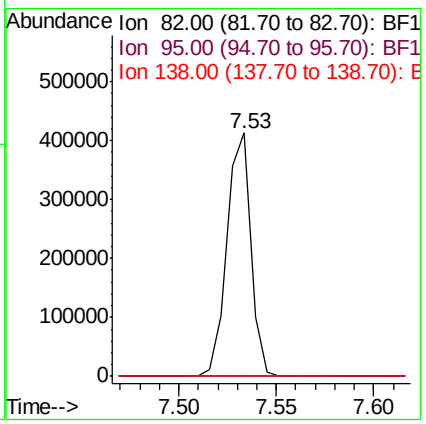


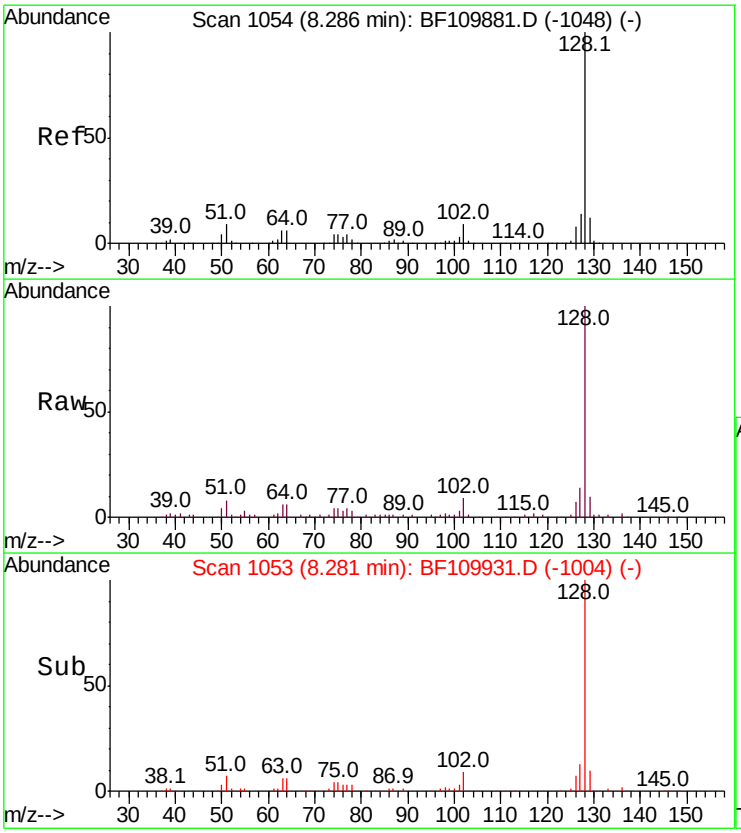
#25
Isophorone
Concen: 14.213 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 351230

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	13.2	19.8#

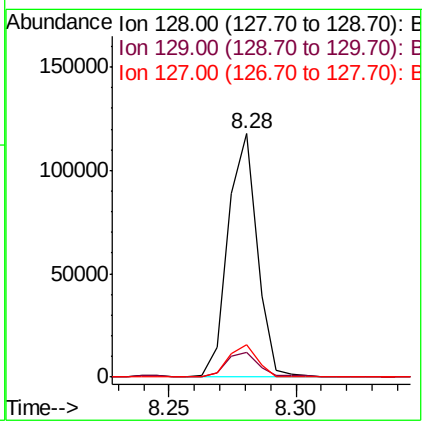


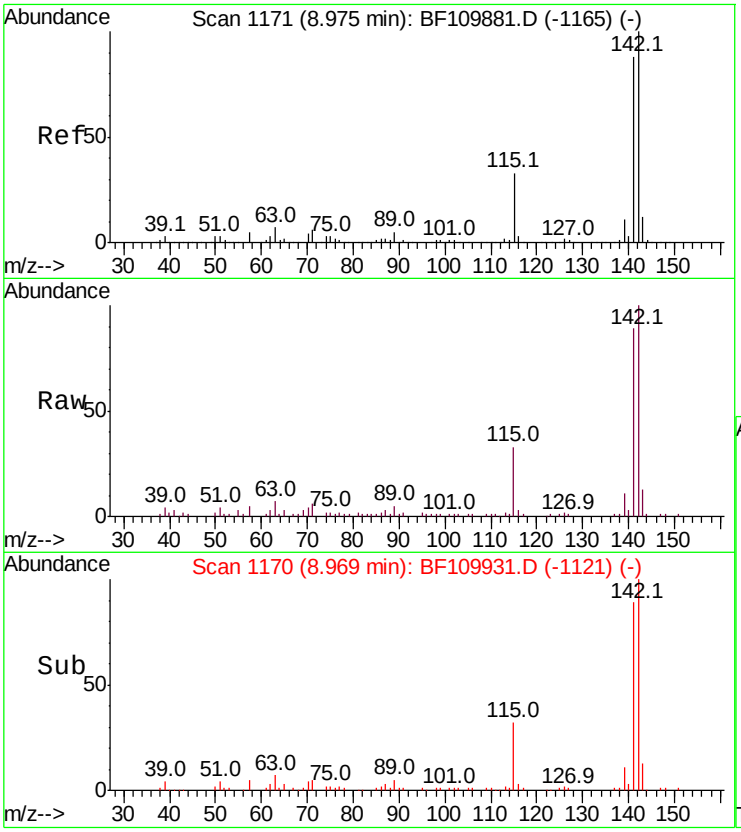


#31
Naphthalene
Concen: 2.421 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:128 Resp: 94049

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	13.5	10.8	16.2



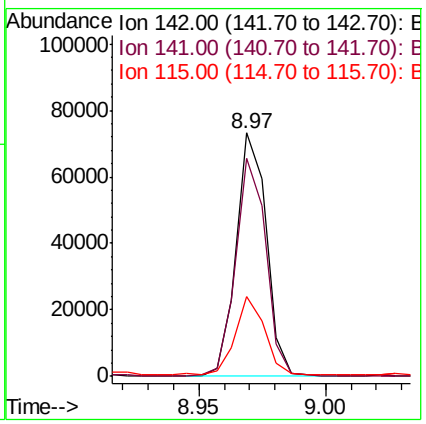


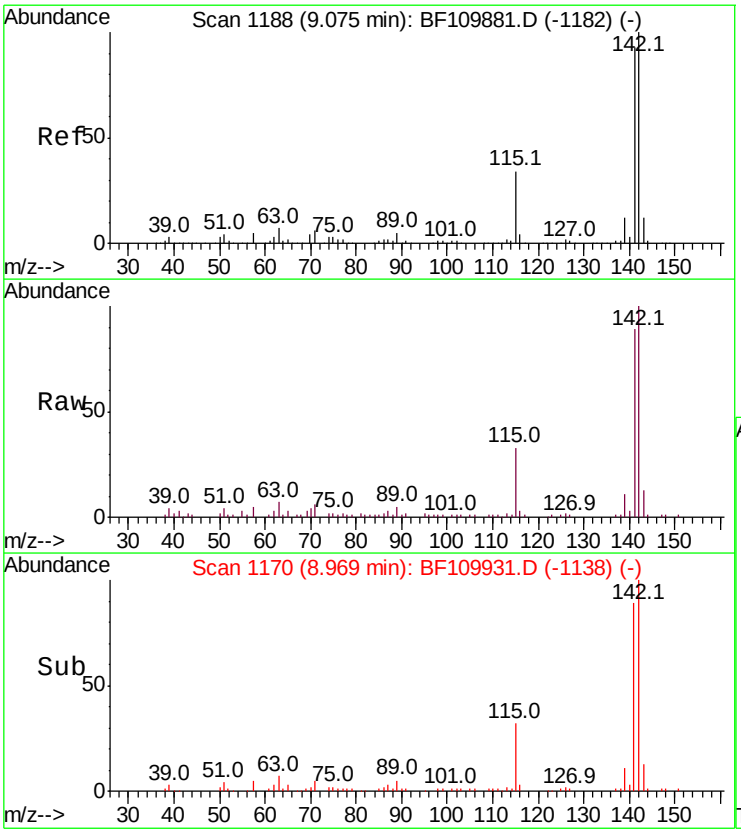
#37
2-Methylnaphthalene
Concen: 2.397 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 60305

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	33.0	28.7	43.1

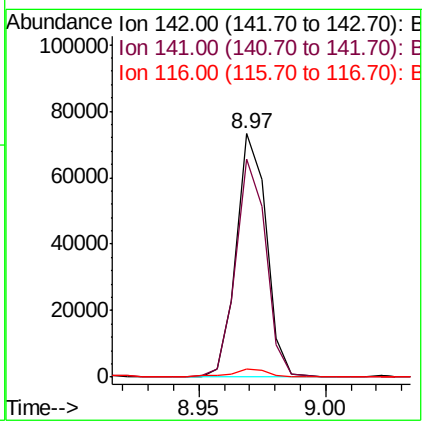


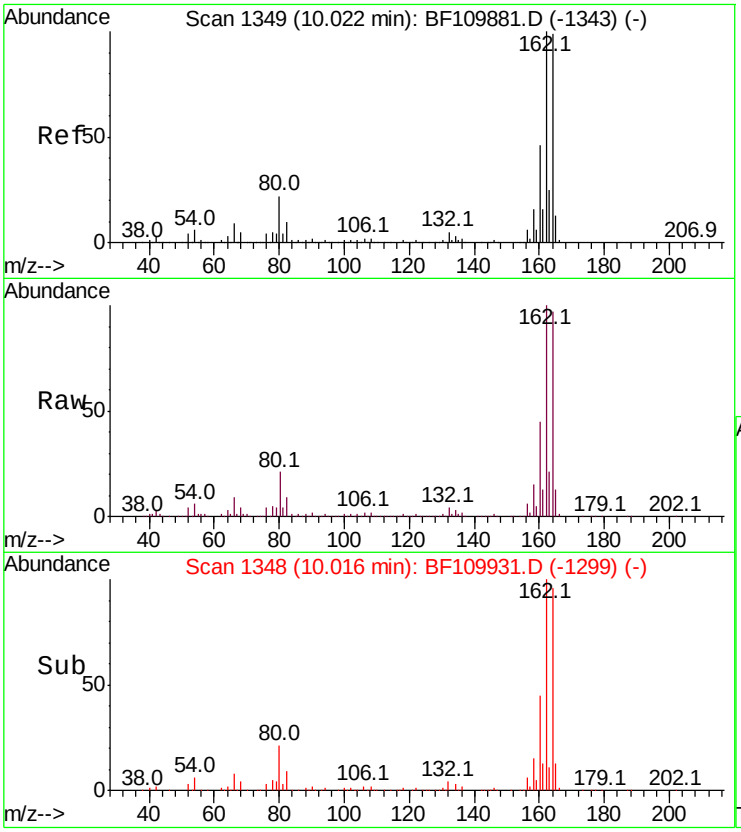


#38
1-Methylnaphthalene
Concen: 2.474 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.11 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:142 Resp: 60305

Ion	Ratio	Lower	Upper
142	100		
141	89.4	74.2	111.4
116	3.4	2.6	4.0



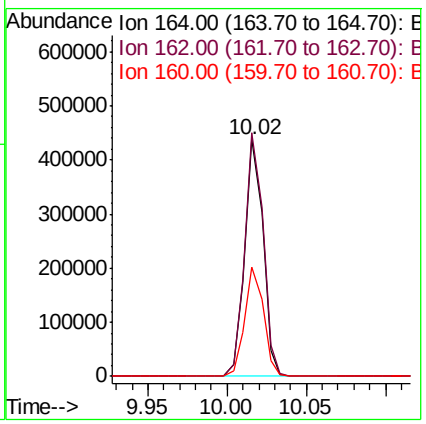


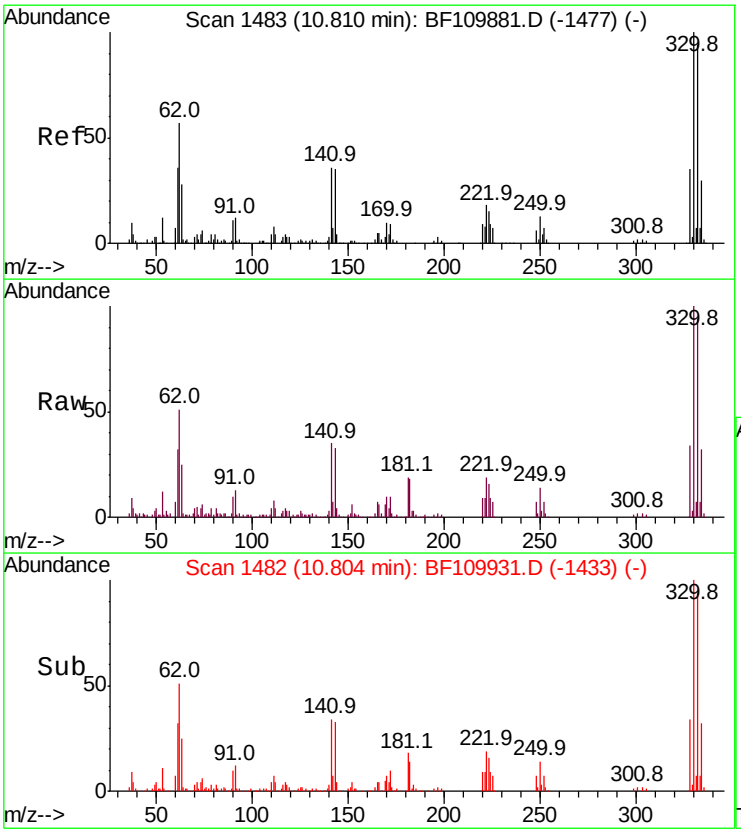
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 350068

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	46.2	37.0	55.6

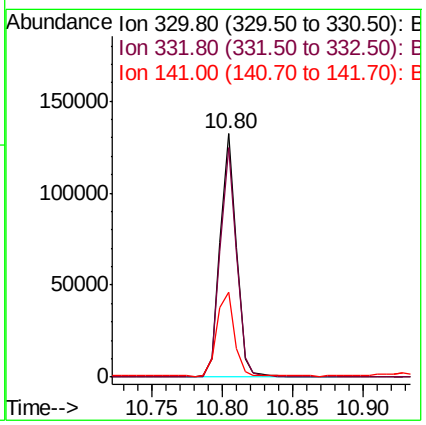


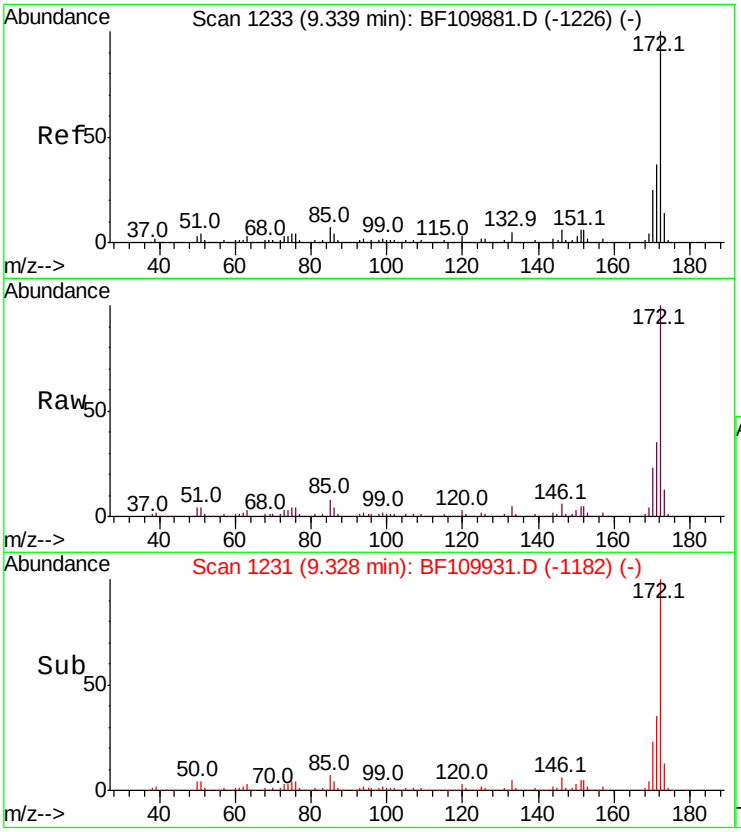


#42
2,4,6-Tribromophenol
Concen: 35.385 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:330 Resp: 107245

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.1	115.7
141	36.5	27.0	40.4



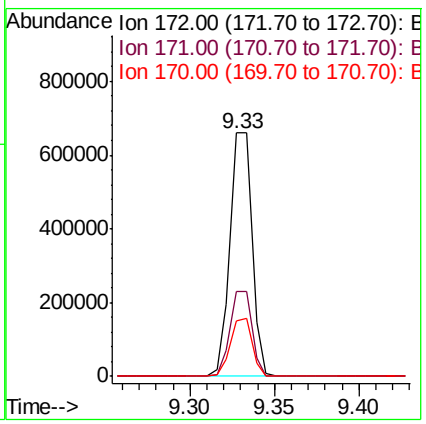


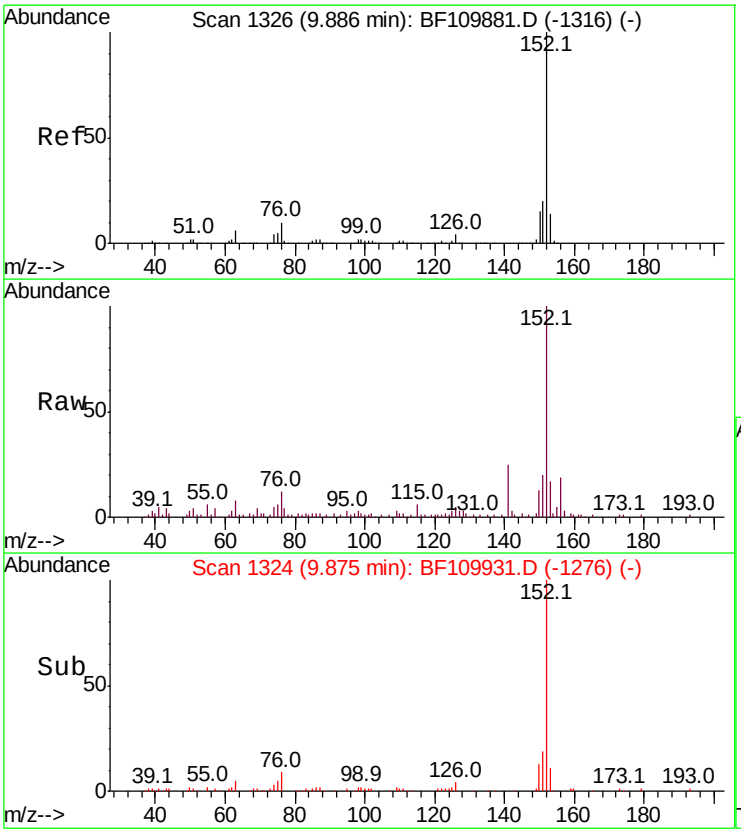
#45
2-Fluorobiphenyl
Concen: 27.294 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 598809

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	22.8	19.7	29.5

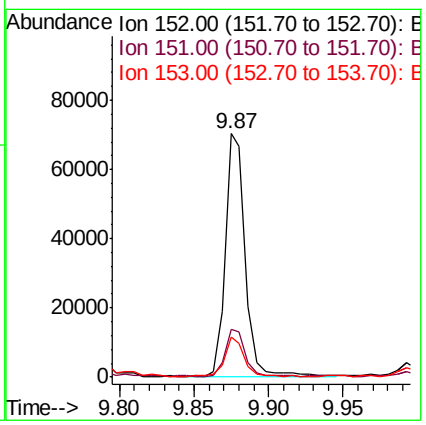


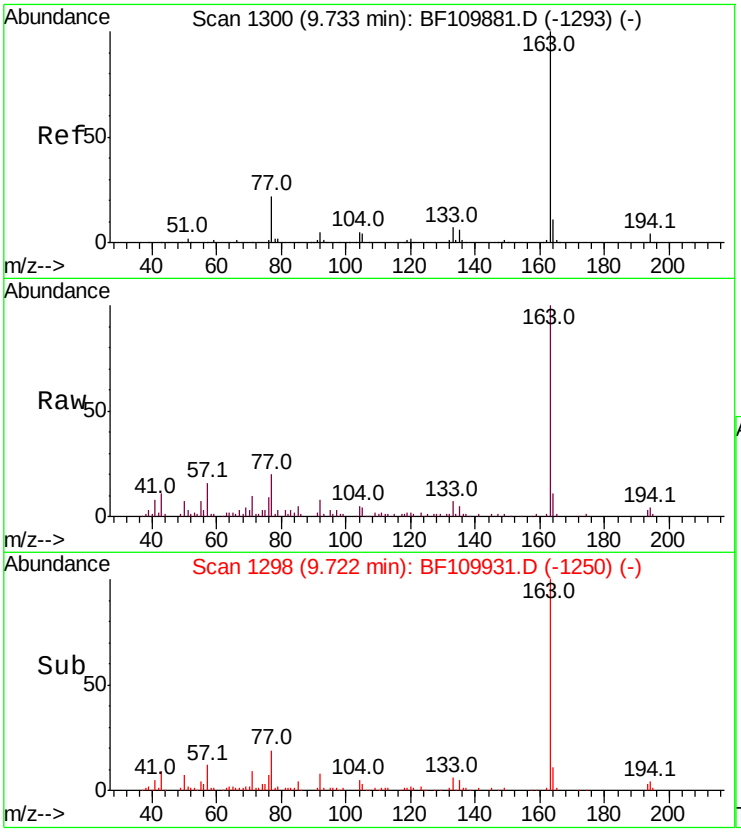


#49
Acenaphthylene
Concen: 2.027 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:152 Resp: 67637

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	16.6	10.4	15.6#



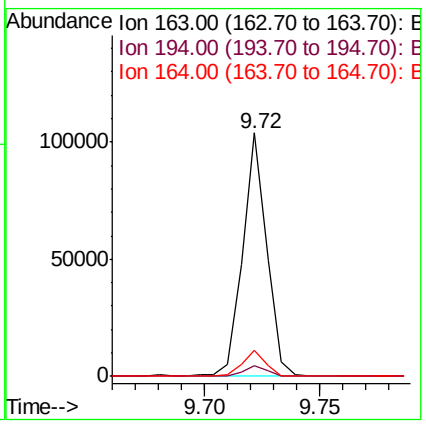


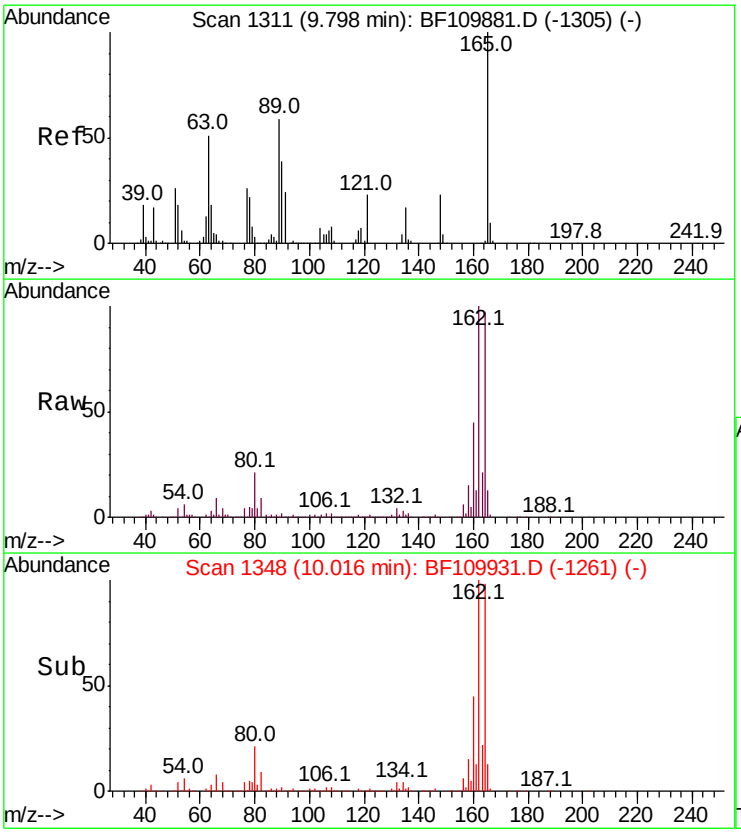
#50
Dimethylphthalate
Concen: 3.055 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 75734

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.6	8.1	12.1

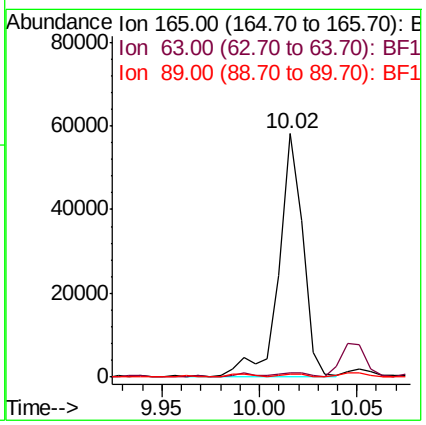


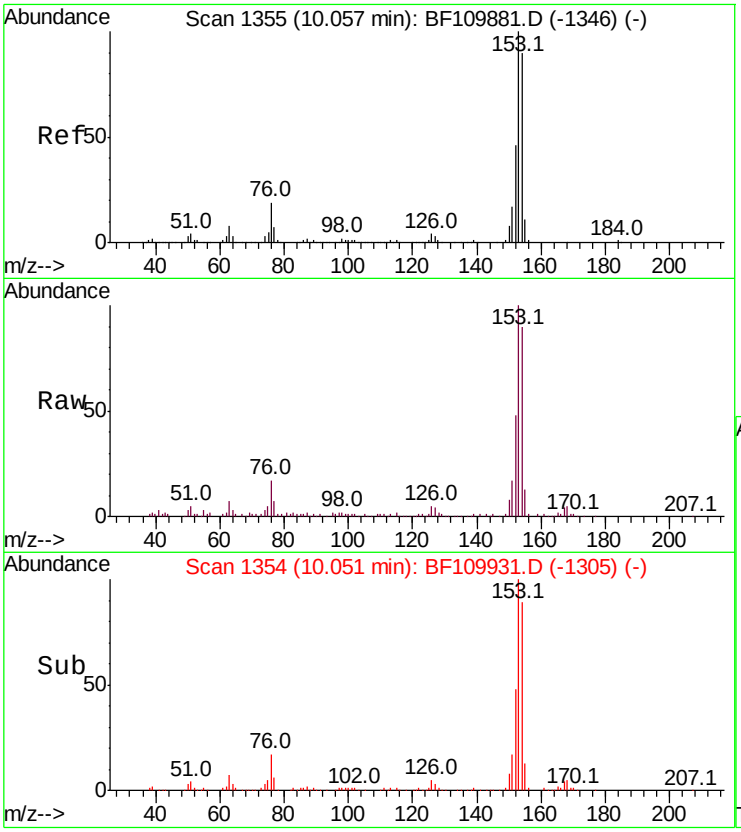


#51
2,6-Dinitrotoluene
Concen: 10.647 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:165 Resp: 50125

Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.9	73.3#
89	1.4	46.6	69.8#



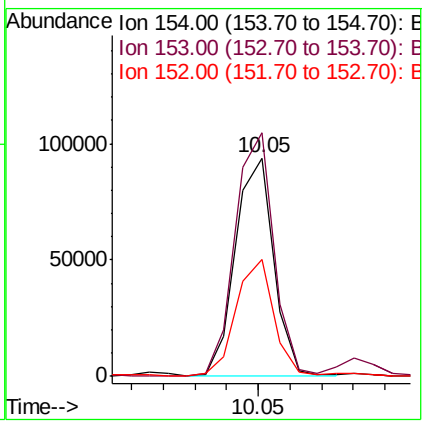


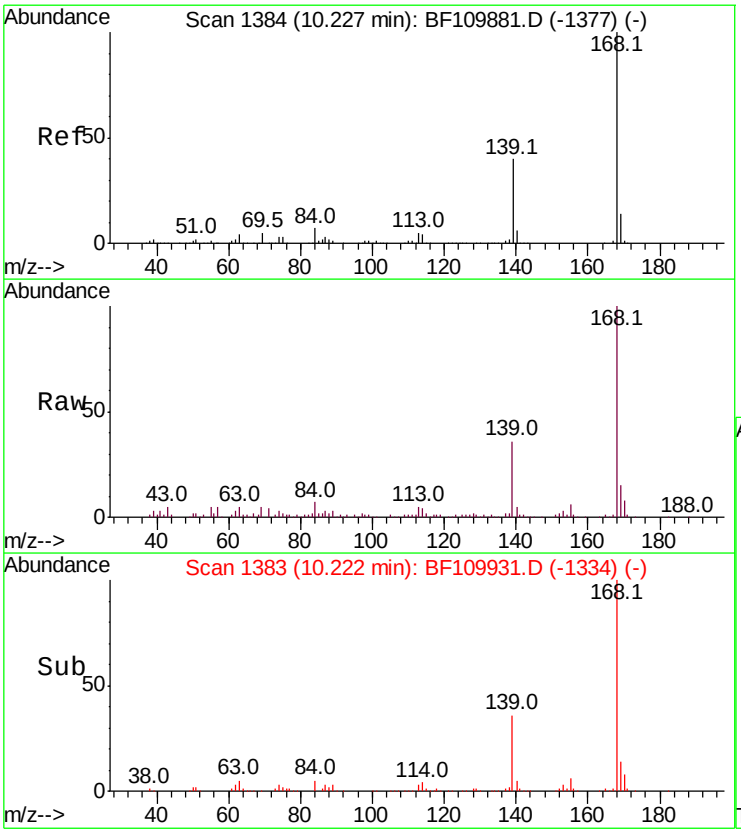
#52
Acenaphthene
Concen: 3.665 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 77870

Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.1	135.1
152	53.3	43.4	65.2

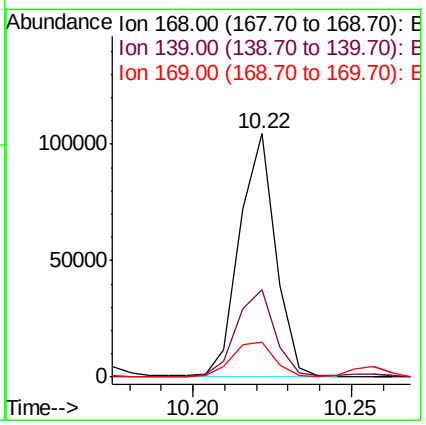


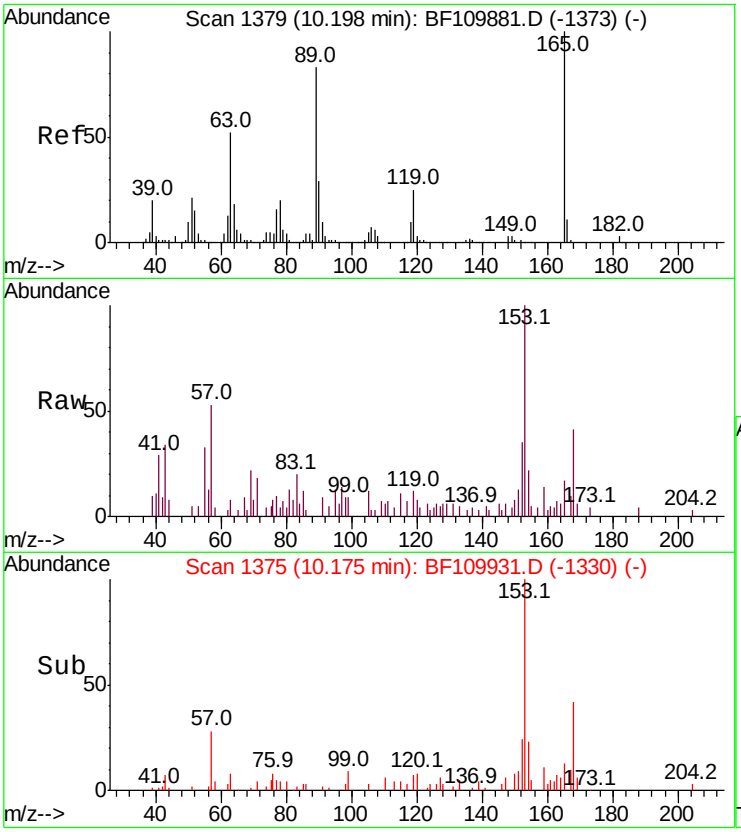


#55
Dibenzofuran
Concen: 2.725 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:168 Resp: 82584

Ion	Ratio	Lower	Upper
168	100		
139	35.7	33.0	49.6
169	14.6	11.3	16.9



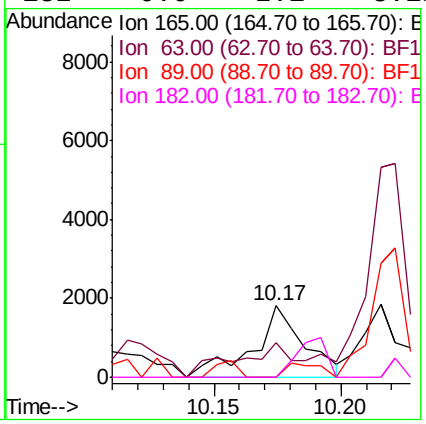


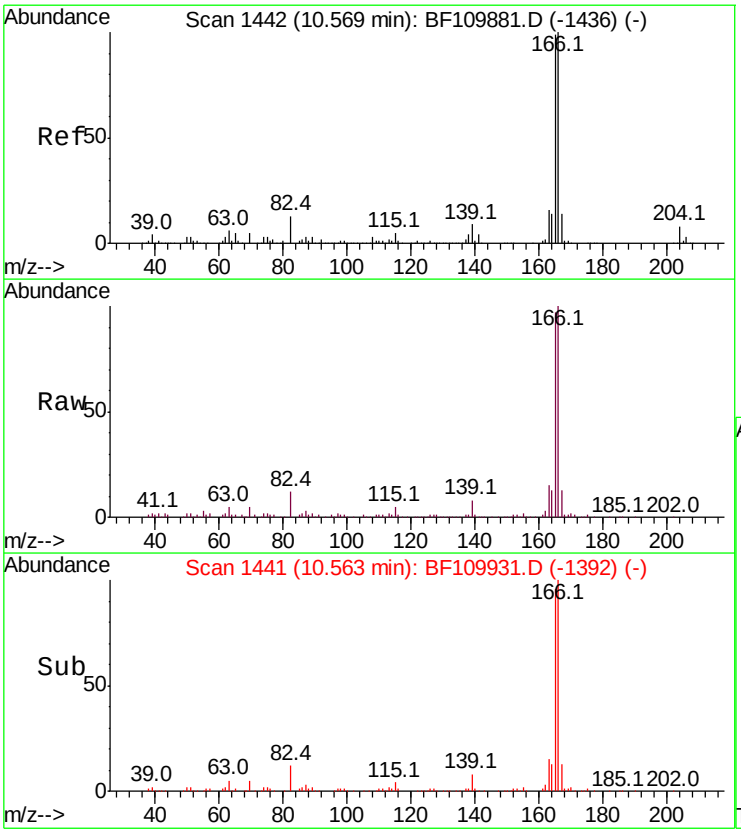
#57
2,4-Dinitrotoluene
Concen: 4.970 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 2543

Ion	Ratio	Lower	Upper
165	100		
63	48.3	44.8	67.2
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

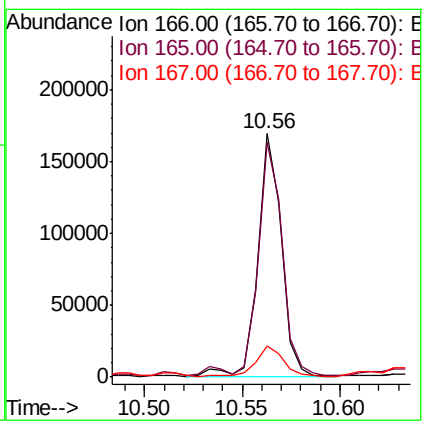


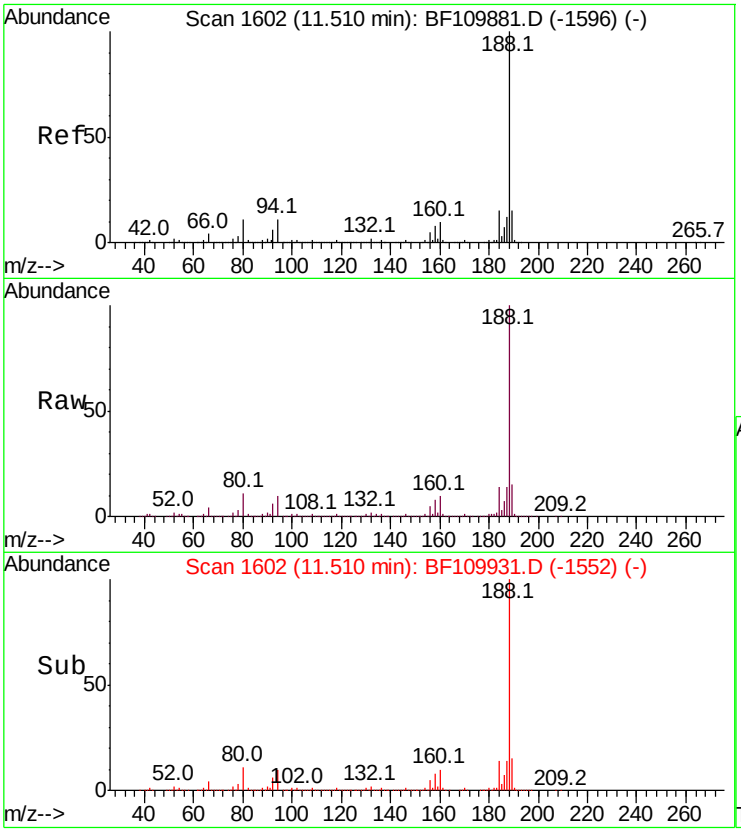


#58
Fluorene
Concen: 6.393 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:166 Resp: 141019

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.6	117.8
167	13.0	10.8	16.2



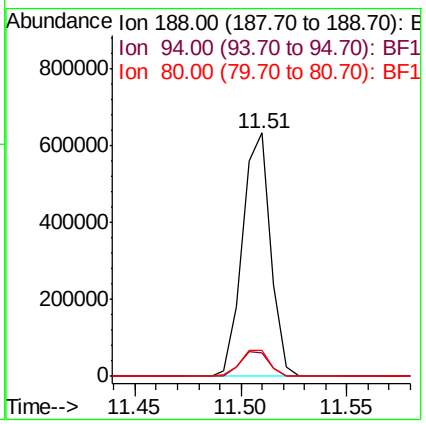


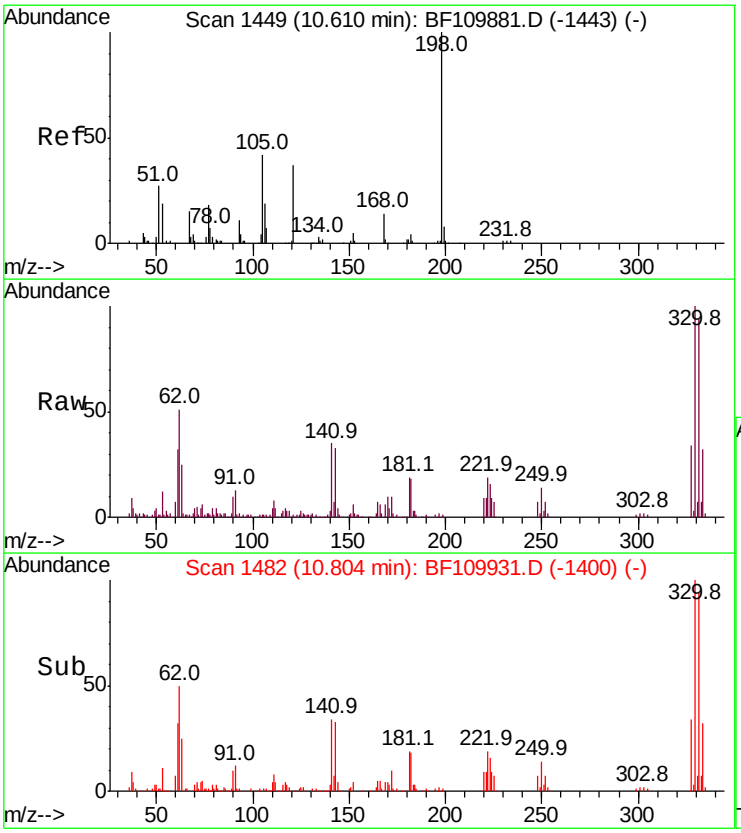
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 584966

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.6	7.9	11.9

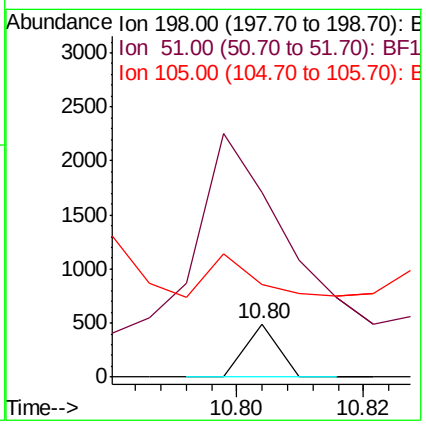


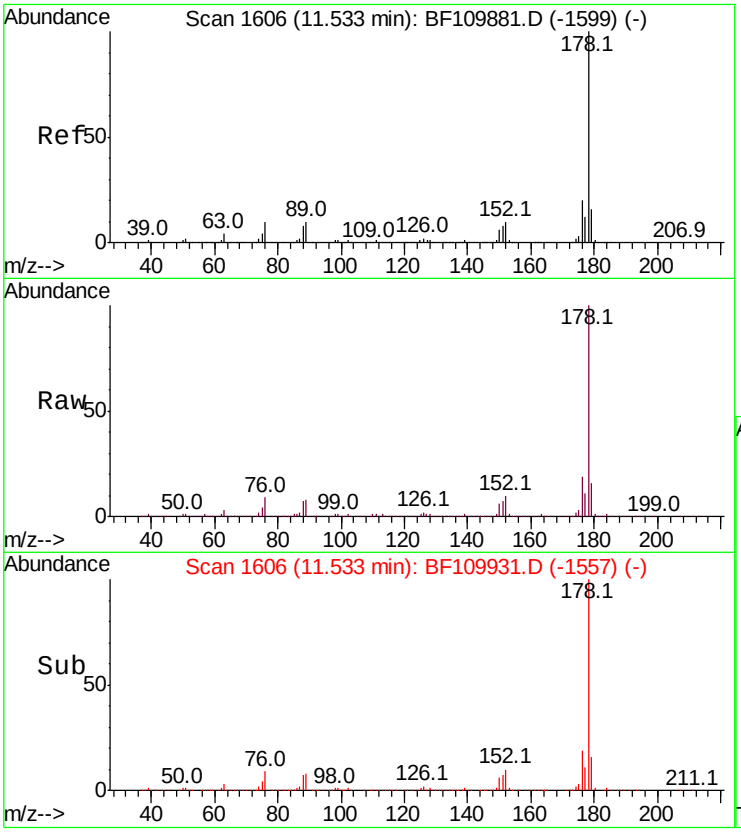


#65
4,6-Dinitro-2-methylphenol
Concen: 7.973 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:198 Resp: 173

Ion	Ratio	Lower	Upper
198	100		
51	349.1	22.8	62.8#
105	173.9	23.6	63.6#



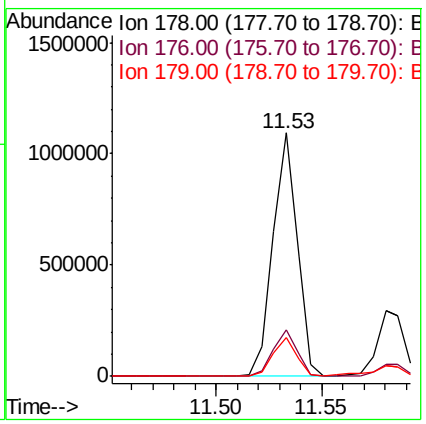


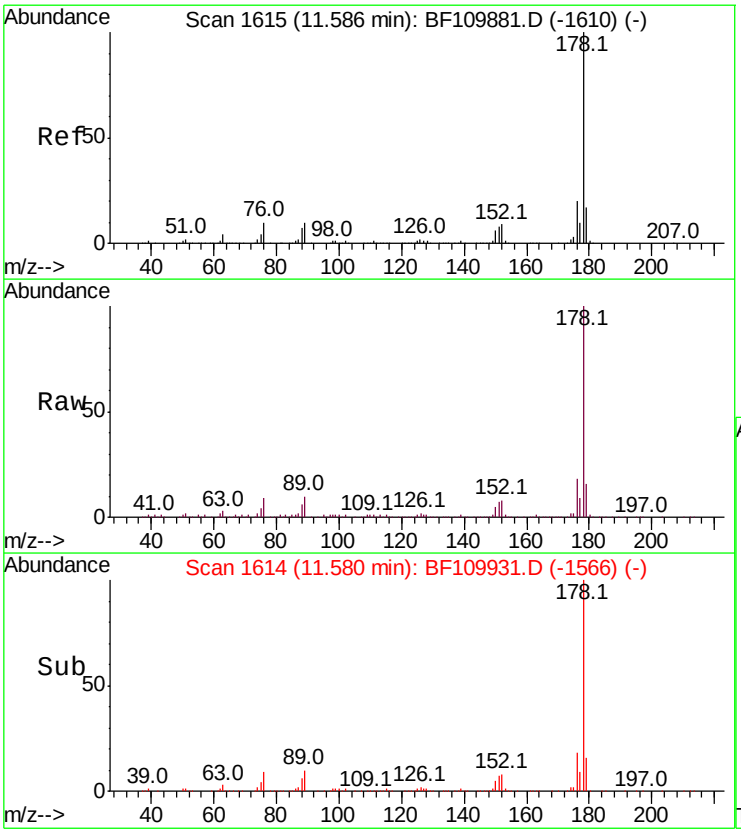
#71
Phenanthrene
Concen: 28.919 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 875776

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.7	12.5	18.7

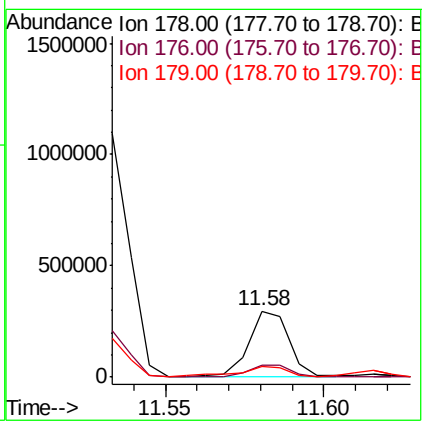


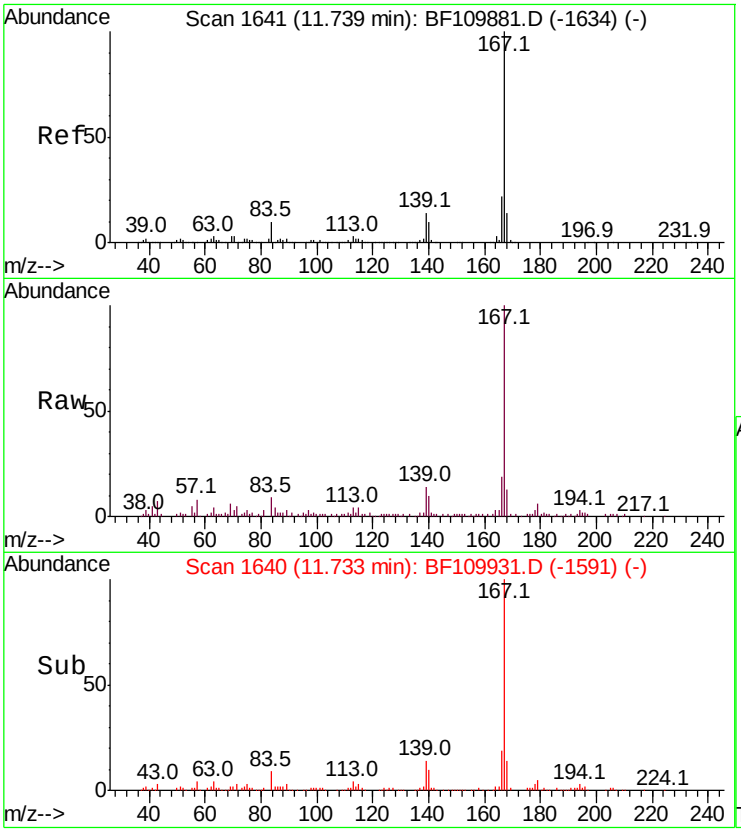


#72
Anthracene
Concen: 8.350 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:178 Resp: 254224

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.1	12.6	18.8



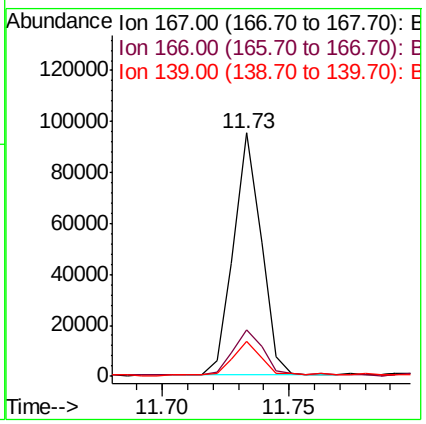


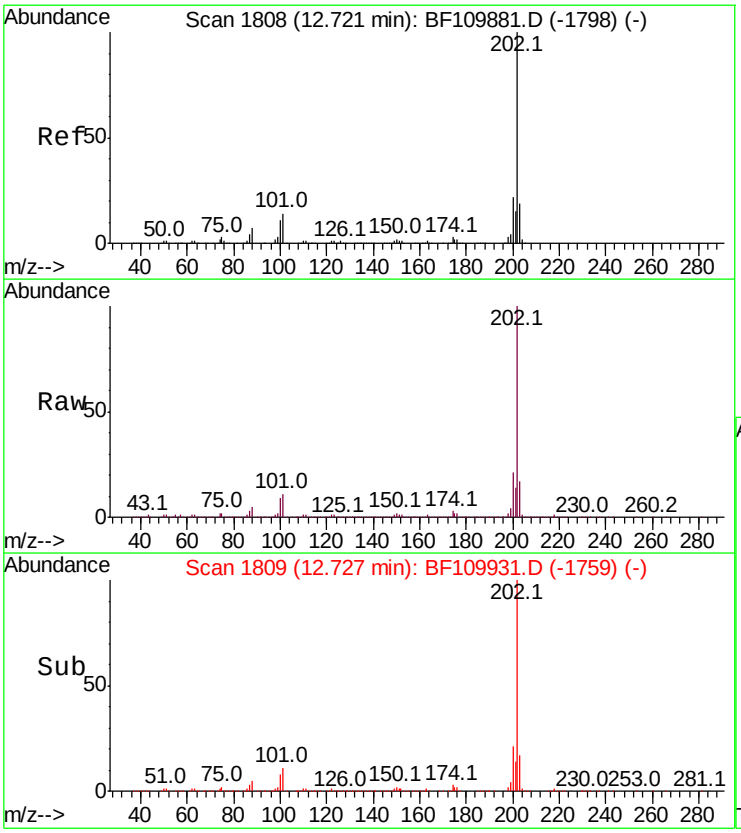
#73
Carbazole
Concen: 2.423 ng
RT: 11.73 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 72517

Ion	Ratio	Lower	Upper
167	100		
166	19.3	17.4	26.0
139	14.4	10.9	16.3

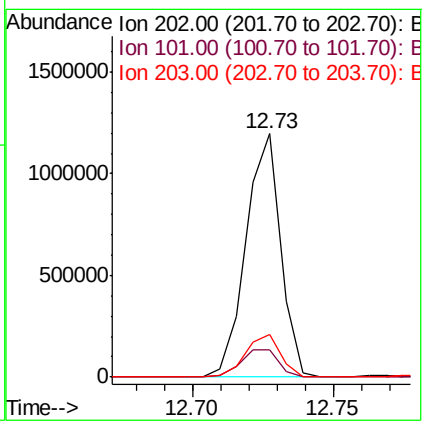


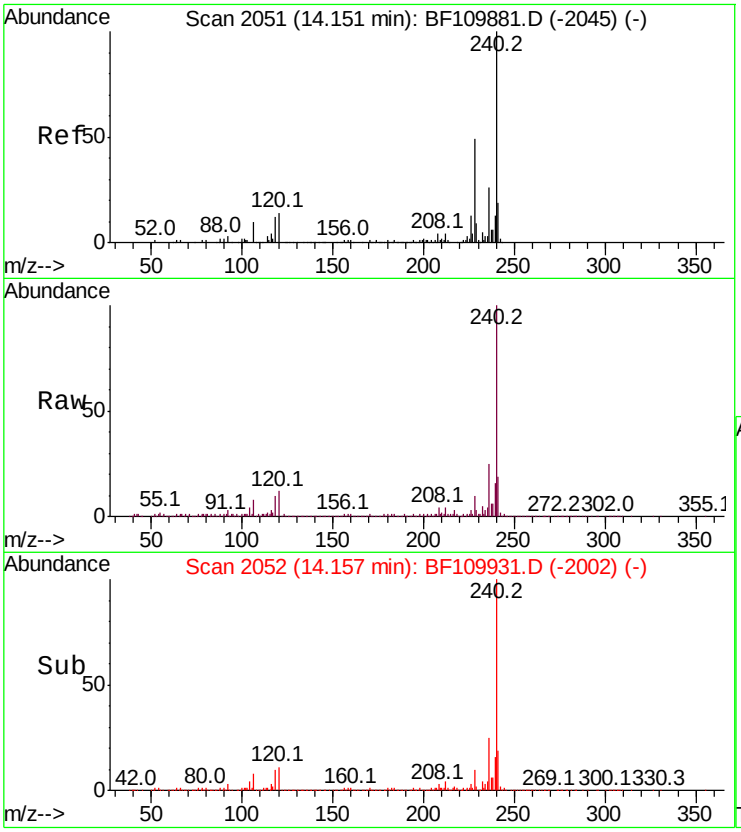


#75
Fluoranthene
Concen: 33.645 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:202 Resp: 1017889

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	17.4	0.0	37.7



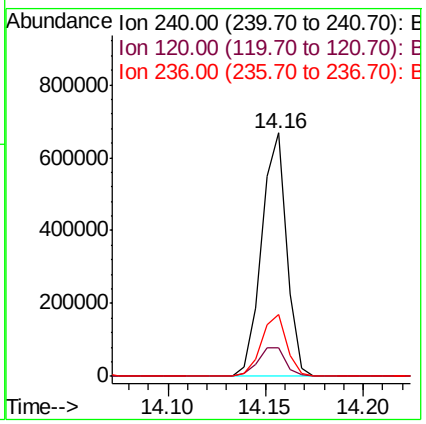


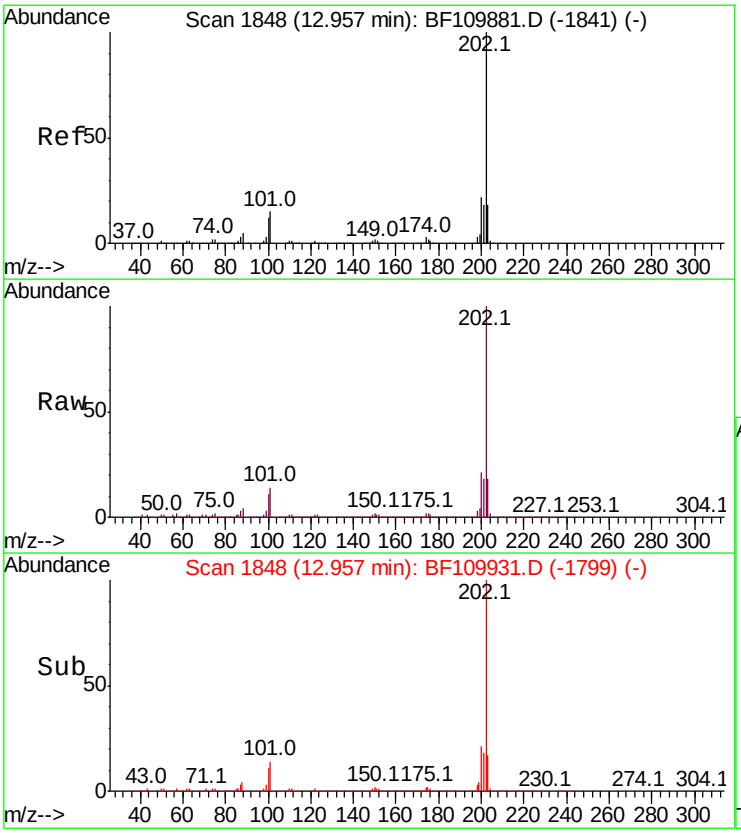
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 593726

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.4	21.2	31.8

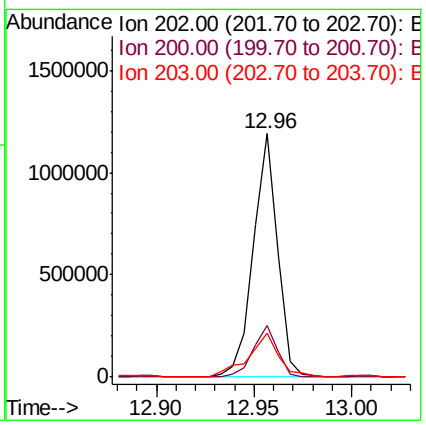


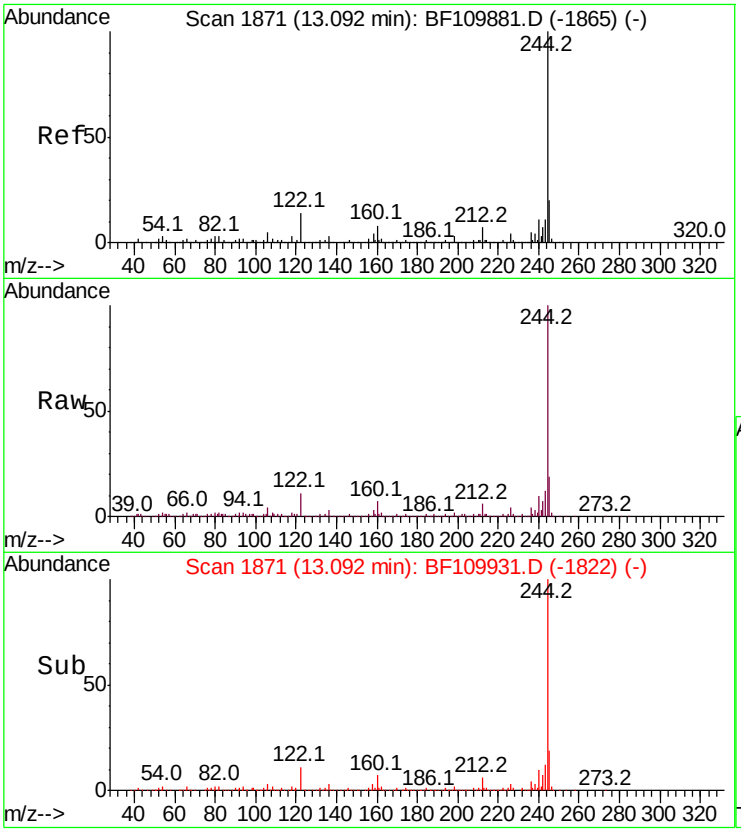


#78
Pyrene
Concen: 23.453 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:202 Resp: 1022742

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.8	14.2	21.4



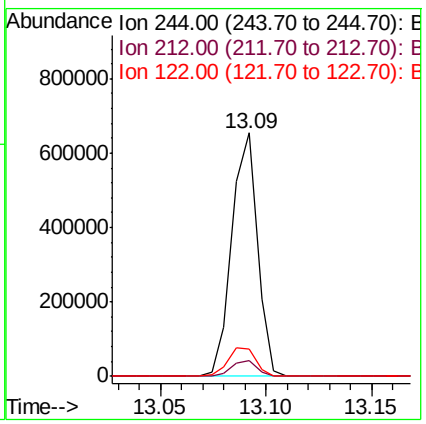


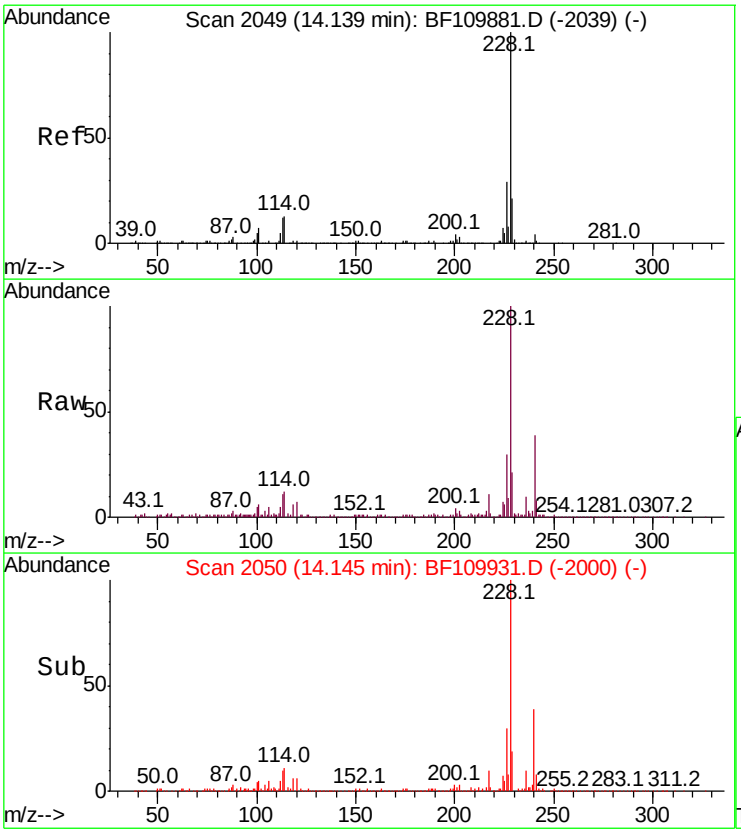
#79
Terphenyl-d14
Concen: 19.303 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 545765

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	11.0	8.7	13.1

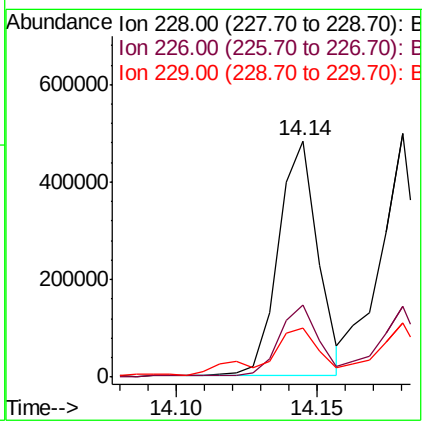


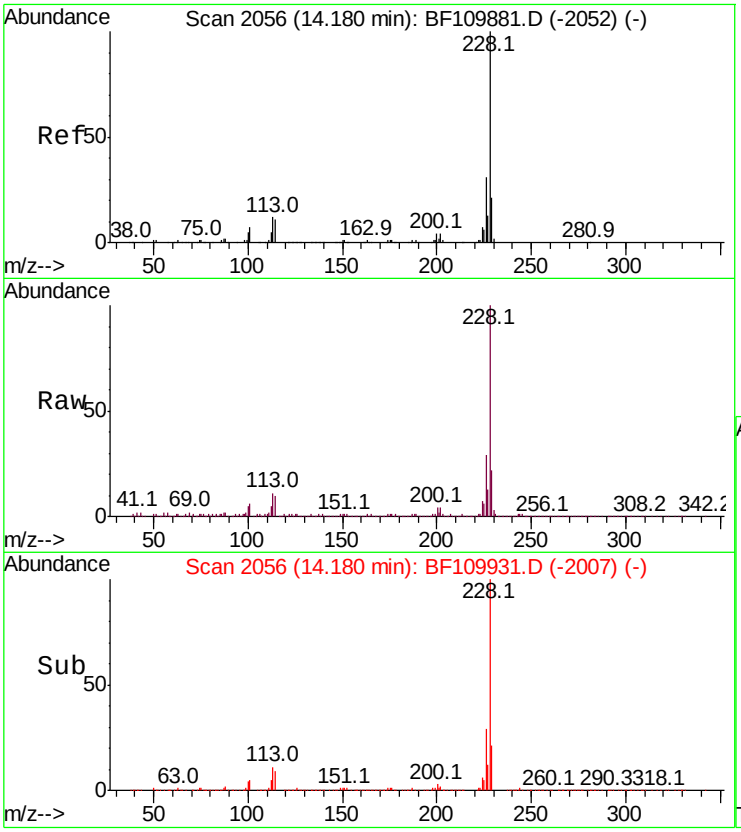


#81
Benzo(a)anthracene
Concen: 13.336 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:228 Resp: 466397

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.1	33.1
229	20.6	15.6	23.4



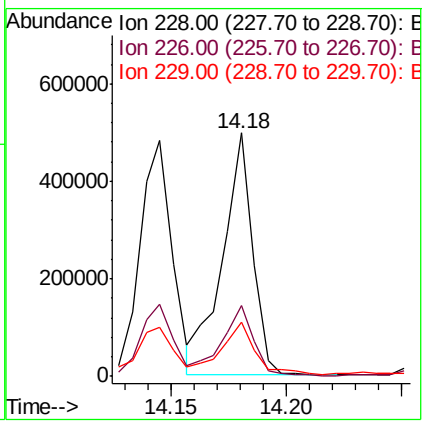


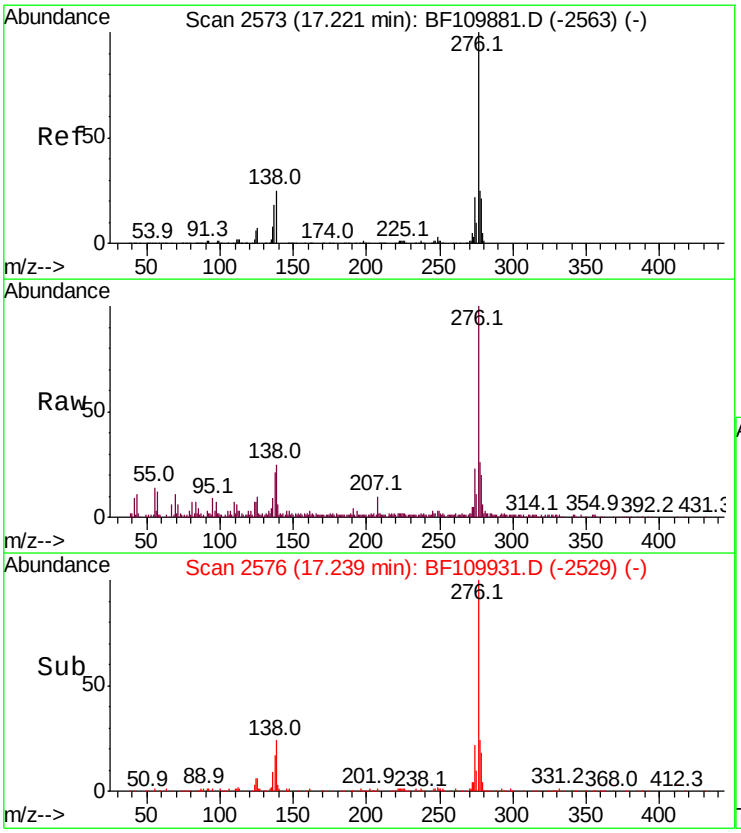
#83
Chrysene
Concen: 13.629 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 453672

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.7	37.1
229	22.1	15.9	23.9

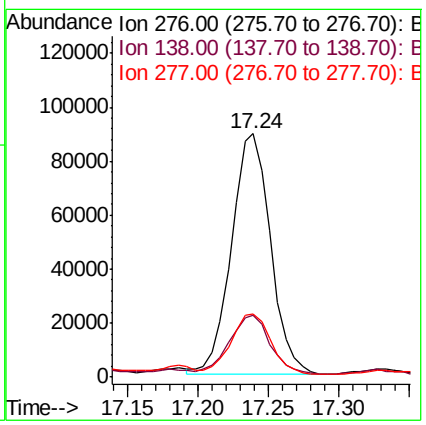


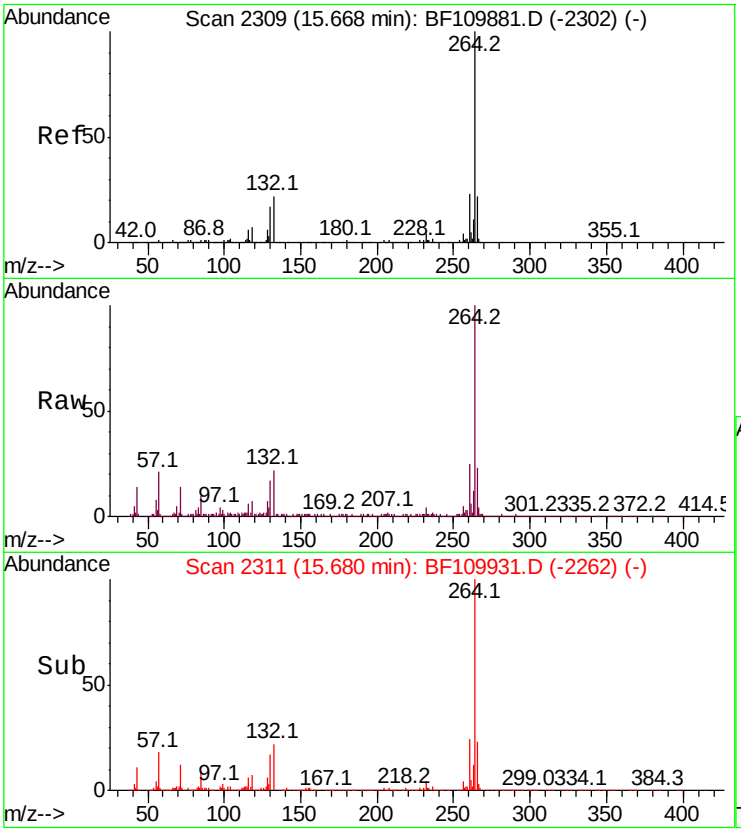


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.457 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:276 Resp: 173064

Ion	Ratio	Lower	Upper
276	100		
138	25.0	18.5	27.7
277	25.8	20.0	30.0



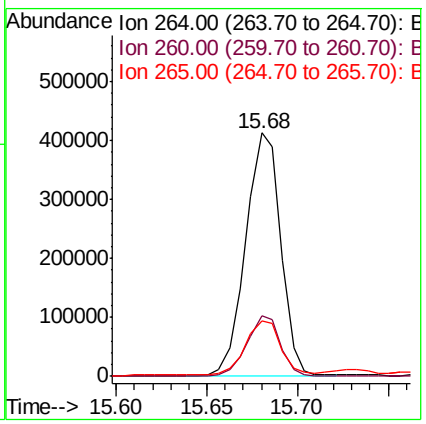


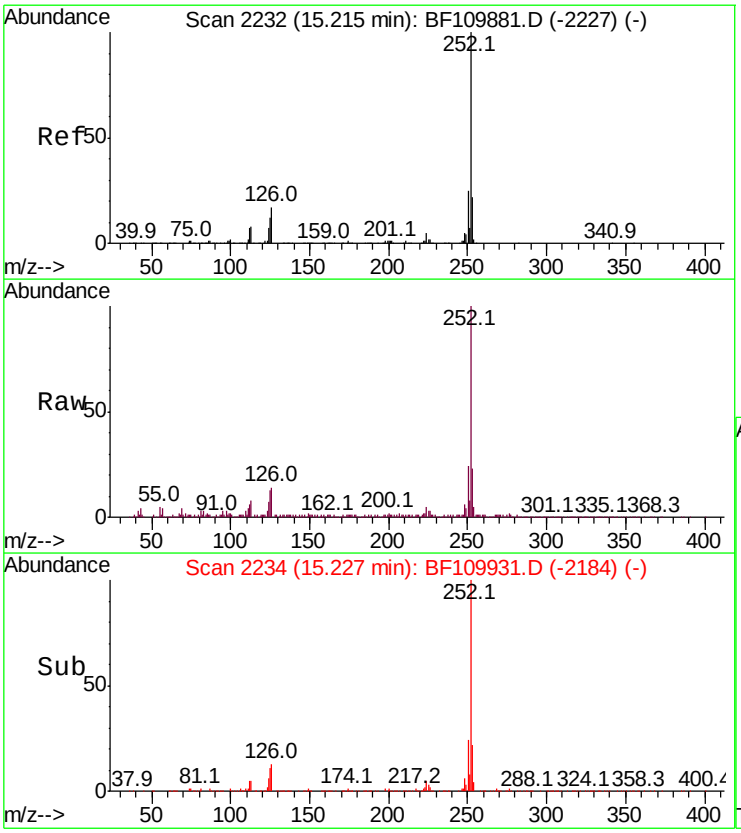
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 552546

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.7	28.1
265	22.9	16.7	25.1

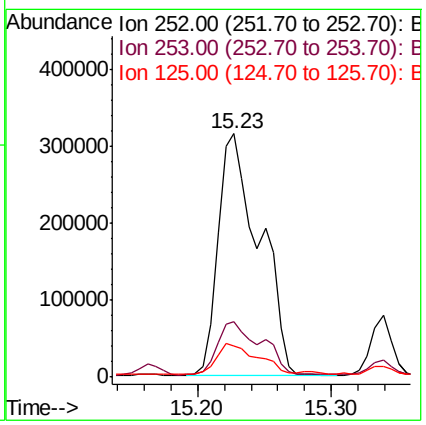


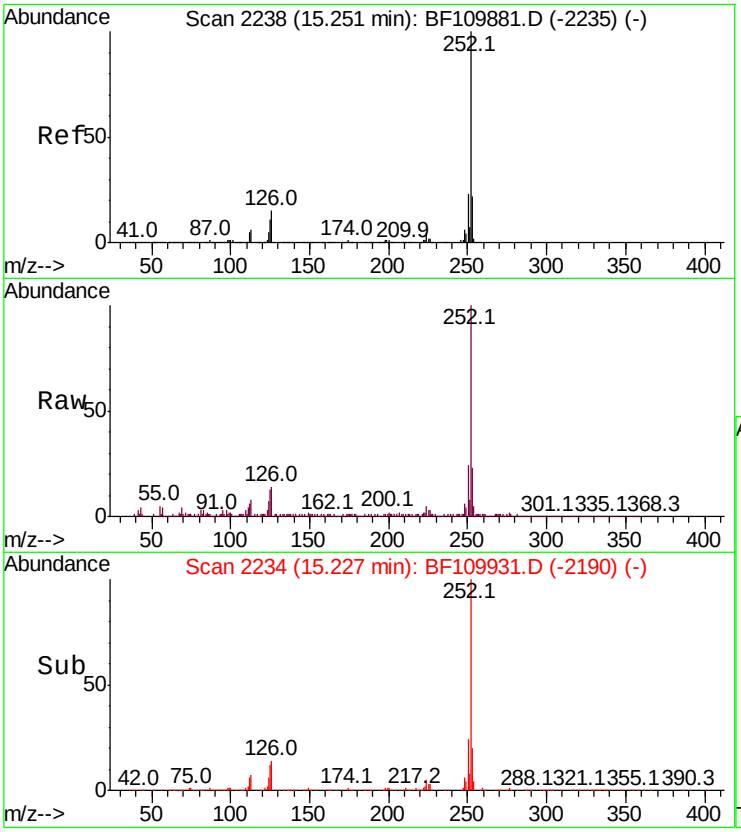


#88
Benzo(b)fluoranthene
Concen: 21.392 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:252 Resp: 681439

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	12.8	8.2	12.4#



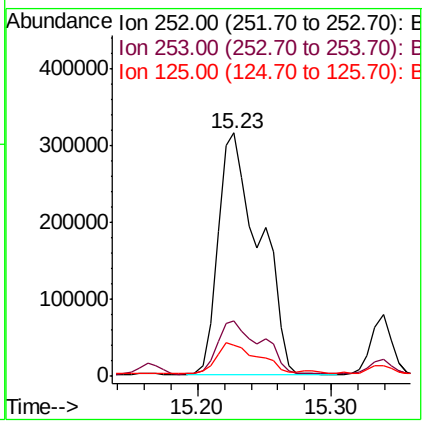


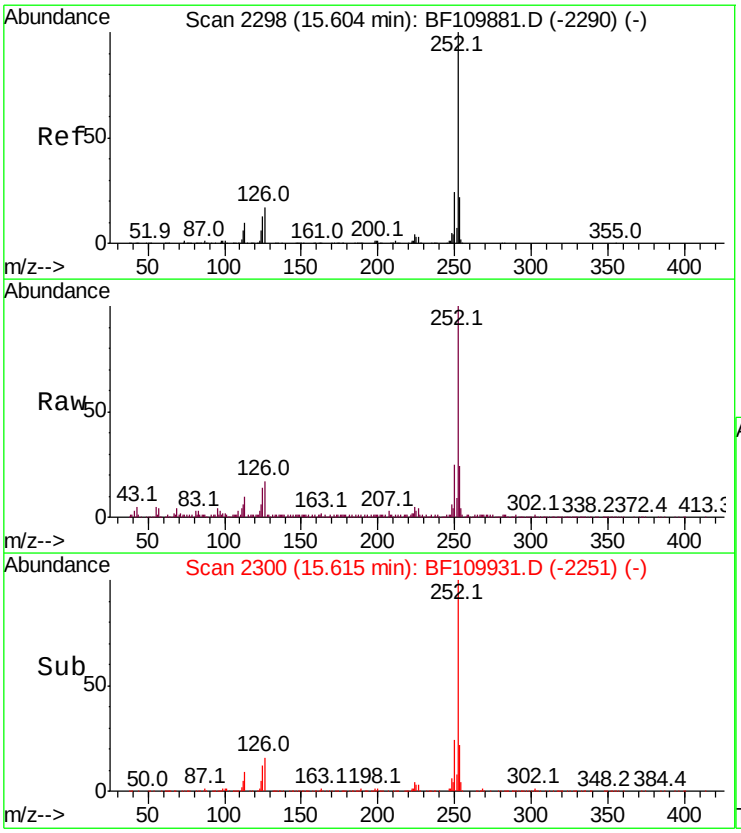
#89
Benzo(k)fluoranthene
Concen: 21.703 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 681439

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	12.8	7.4	11.0#

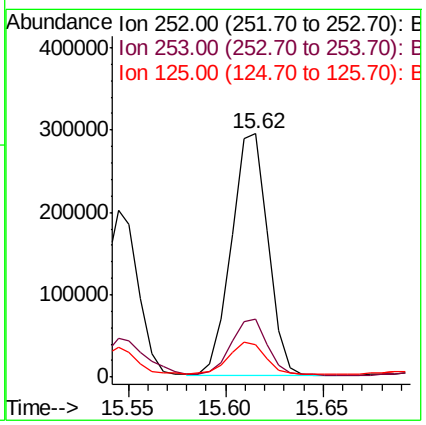


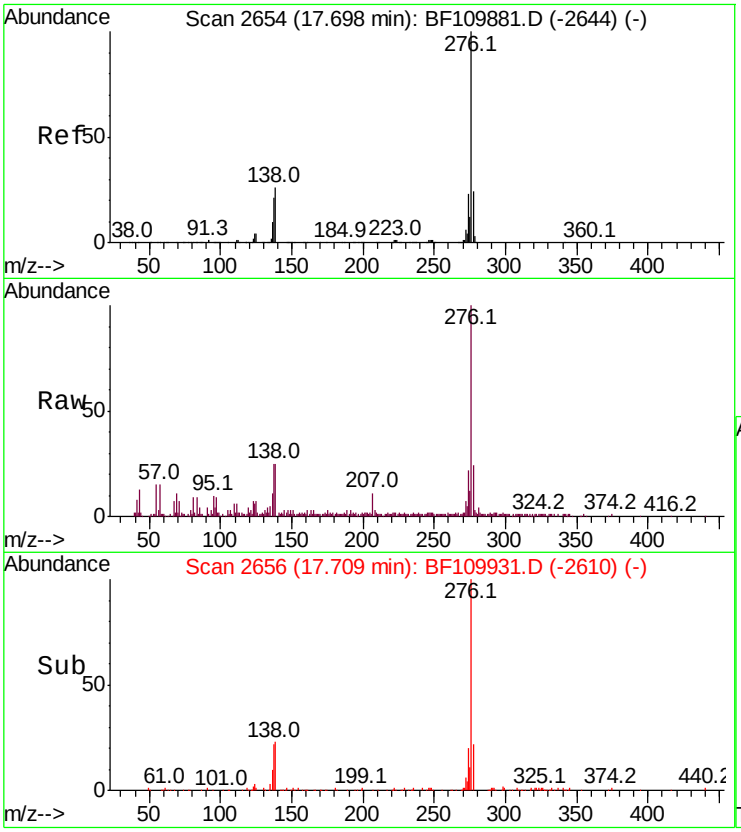


#90
Benzo(a)pyrene
Concen: 13.037 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Tgt Ion:252 Resp: 381955

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	13.6	9.0	13.6





#92
Benzo(g,h,i)perylene
Concen: 6.173 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF109931.D
Acq: 17 Oct 2018 20:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 161949

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	25.1	16.0	24.0#