Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109930.D
Acq On : 17 Oct 2018 19:54
Operator : JU/SJ
Sample : J5200-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 18 10:41:06 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	273267	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1073628	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	469851	20.00	ng		-0.01
64) Phenanthrene-d10	11.51	188	746024	20.00	ng		0.00
76) Chrysene-d12	14.15	240	613535	20.00	ng		-0.01
87) Perylene-d12	15.68	264	669183	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	644818	37.40	ng		-0.01
7) Phenol-d6	6.59	99	804138	37.56	ng		-0.02
23) Nitrobenzene-d5	7.53	82	452457	28.39	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	138477	34.04	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	720244	24.46	ng		0.00
79) Terphenyl-d14	13.09	244	537978	18.41	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	58789	4.277	ng	#	83
25) Isophorone	7.53	82	452536	14.451	ng	#	67
50) Dimethylphthalate	9.72	163	92007	2.765	ng		98
51) 2,6-Dinitrotoluene	10.02	165	60811	9.623	ng	#	22
57) 2,4-Dinitrotoluene	10.02	165	60811	11.474	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.80	198	129	7.944	ng	#	1
71) Phenanthrene	11.53	178	116680	3.021	ng		99
75) Fluoranthene	12.72	202	133788	3.468	ng		97
78) Pyrene	12.95	202	127849	2.837	ng		99
81) Benzo(a)anthracene	14.14	228	73337	2.029	ng		98
88) Benzo(b)fluoranthene	15.22	252	119683	3.102	ng	#	96
89) Benzo(k)fluoranthene	15.22	252	119683	3.147	ng	#	95

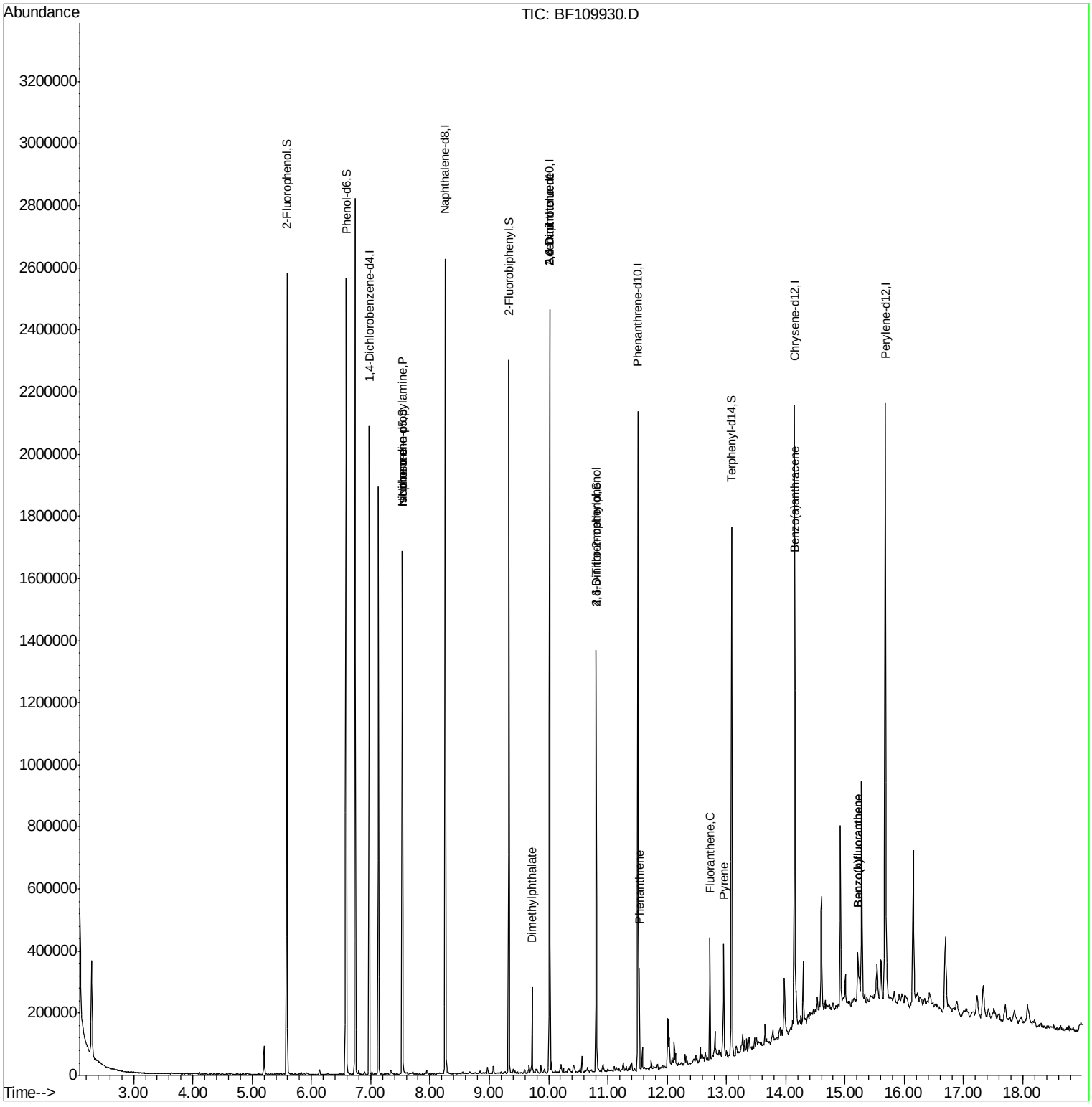
(#) = qualifier out of range (m) = manual integration (+) = signals summed

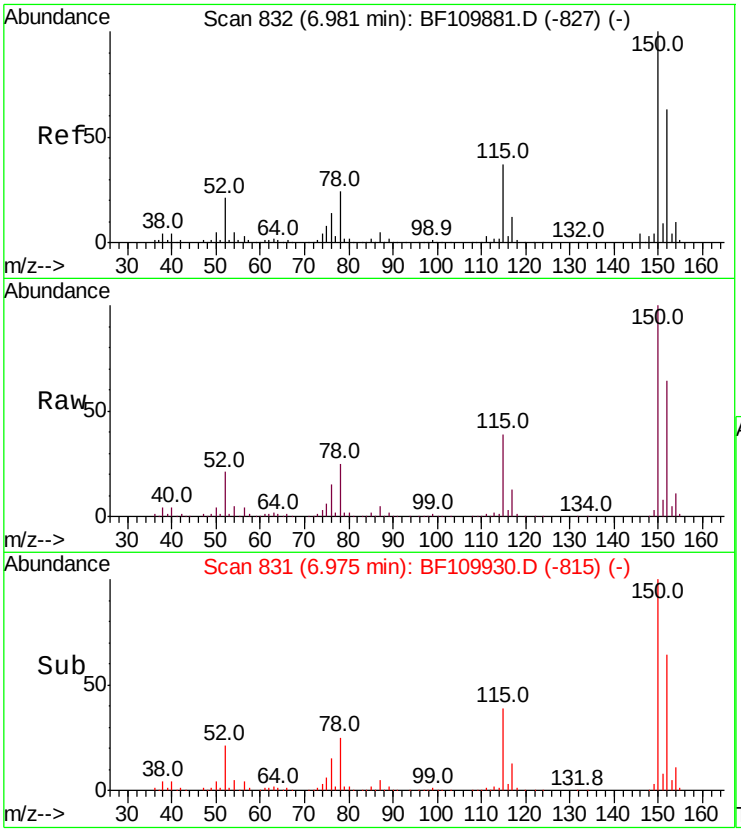
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109930.D
Acq On : 17 Oct 2018 19:54
Operator : JU/SJ
Sample : J5200-11 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 18 10:41:06 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



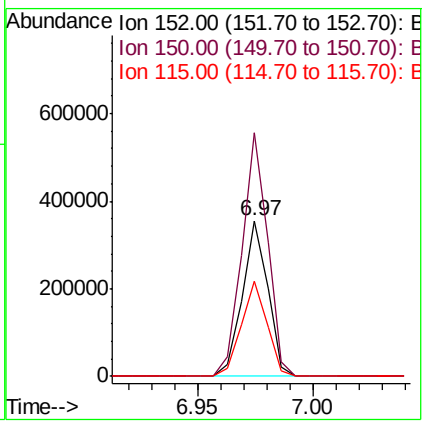


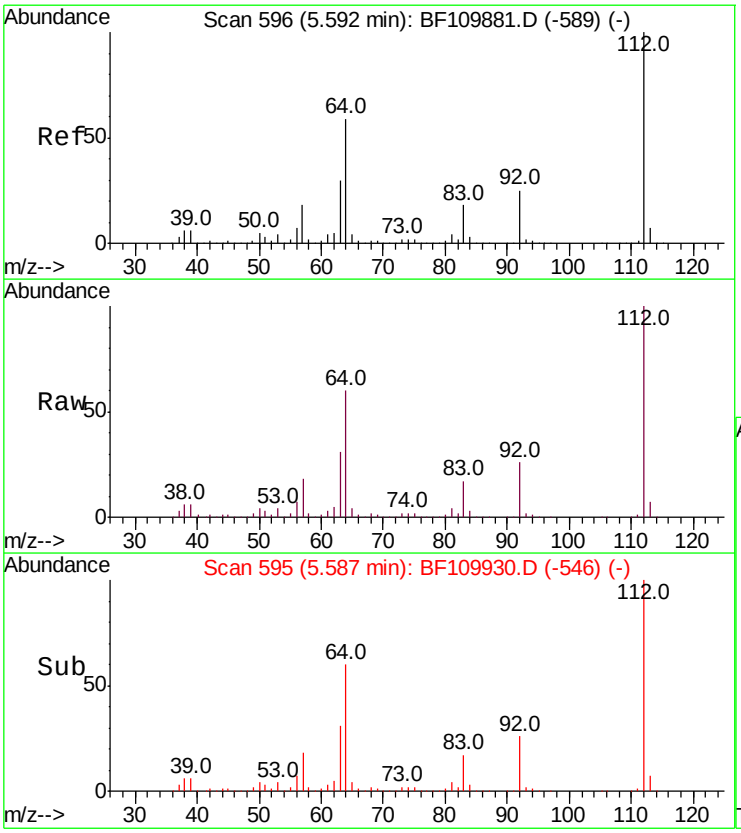
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 273267

Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	61.7	49.1	73.7

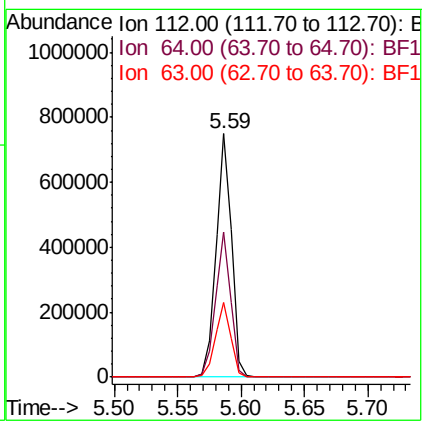


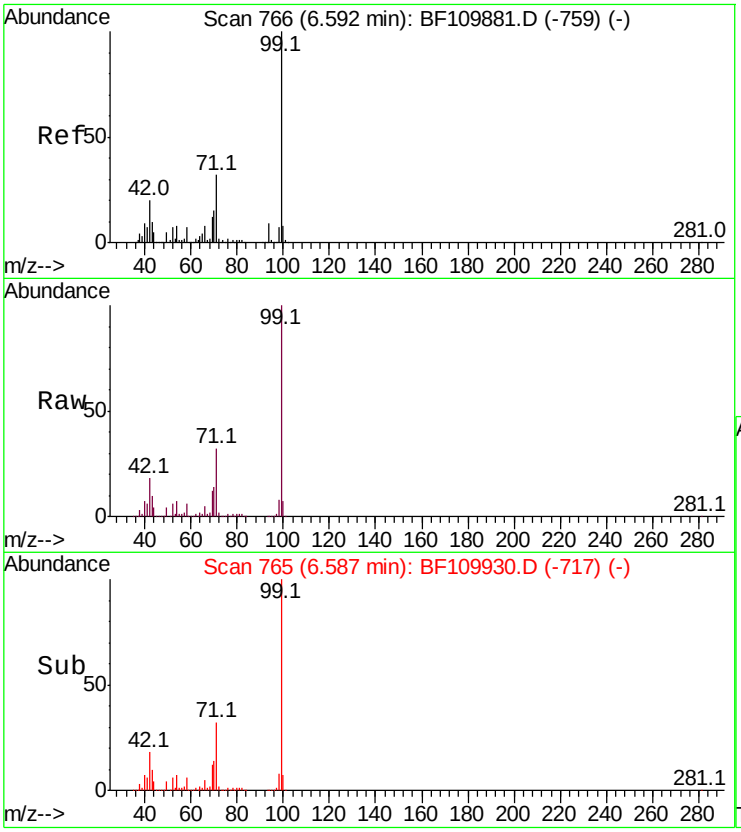


#5
2-Fluorophenol
Concen: 37.404 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion:112 Resp: 644818

Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.1	66.1
63	30.5	23.7	35.5



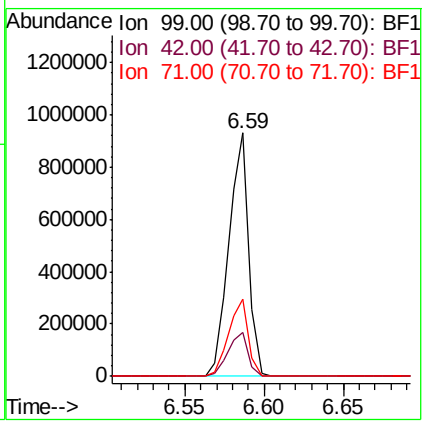


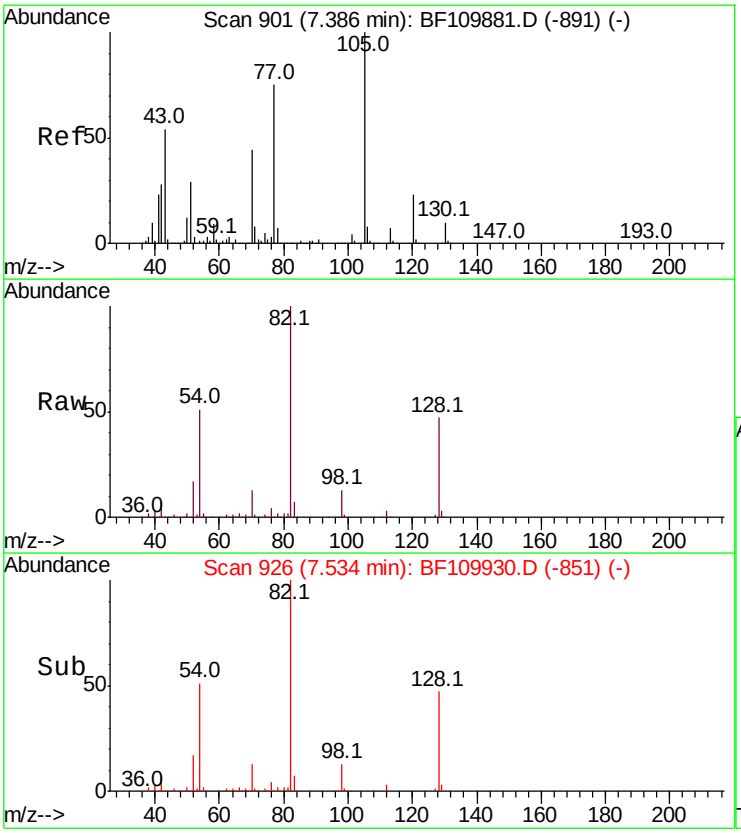
#7
Phenol-d6
Concen: 37.565 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 804138

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.8	23.6
71	31.7	28.0	42.0

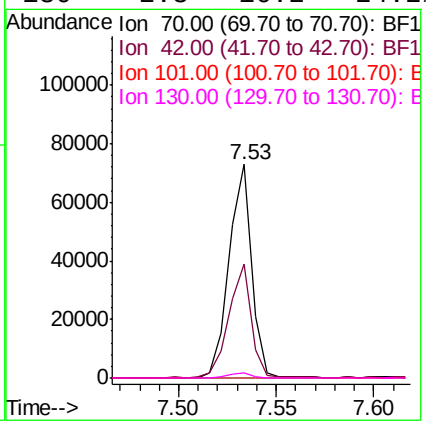


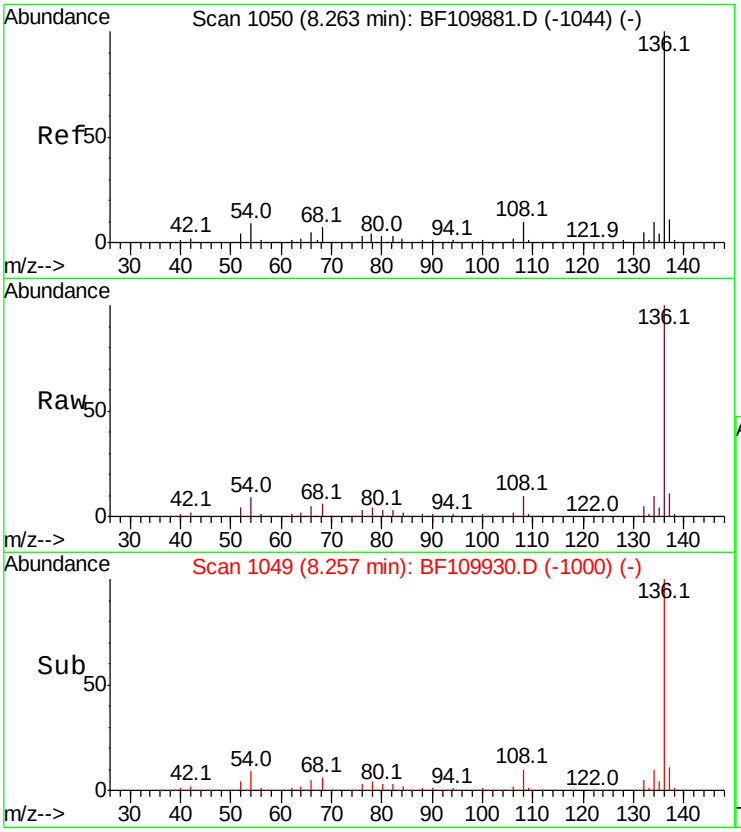


#19
n-Nitroso-di-n-propylamine
Concen: 4.277 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion: 70 Resp: 58789

Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#



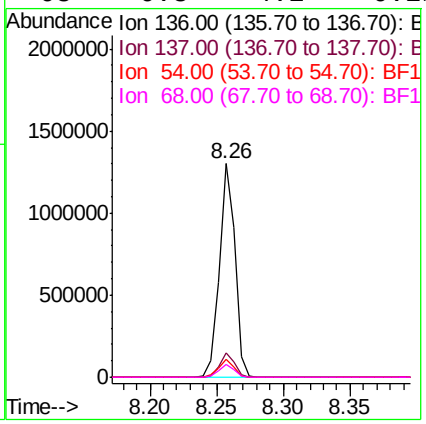


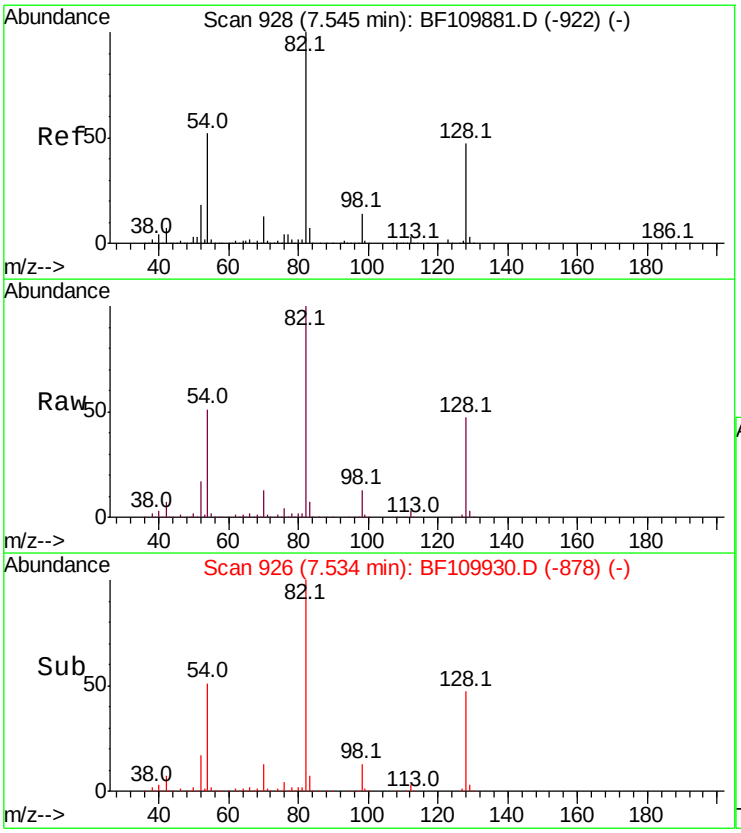
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1073628

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.6	5.4	8.2#
68	6.3	4.2	6.2#

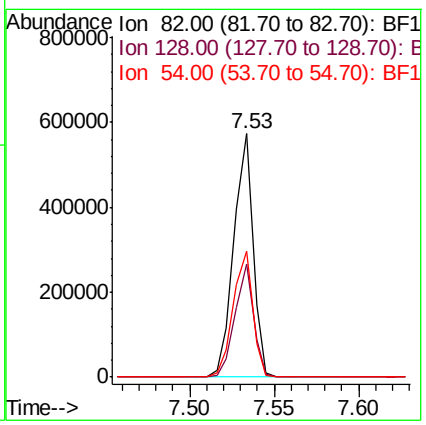


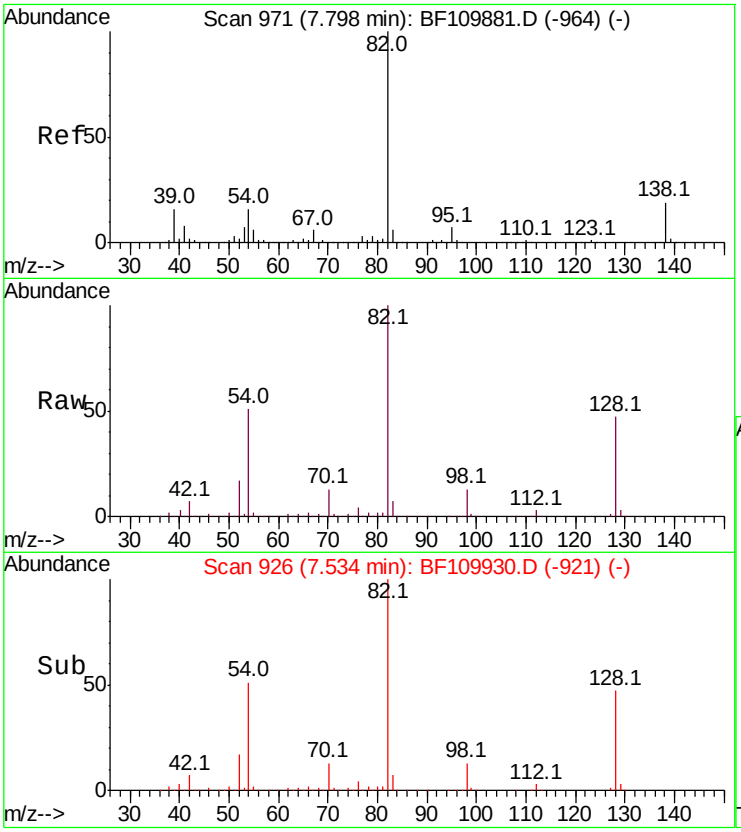


#23
Nitrobenzene-d5
Concen: 28.389 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion: 82 Resp: 452457

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.2	51.2
54	51.5	38.6	58.0



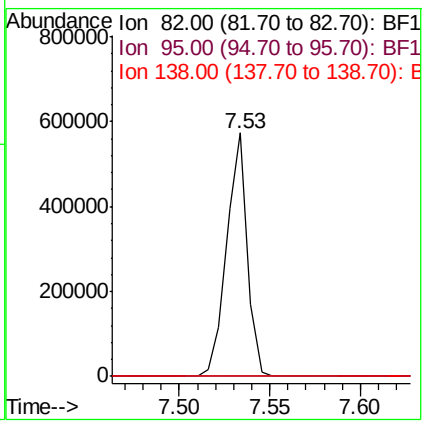


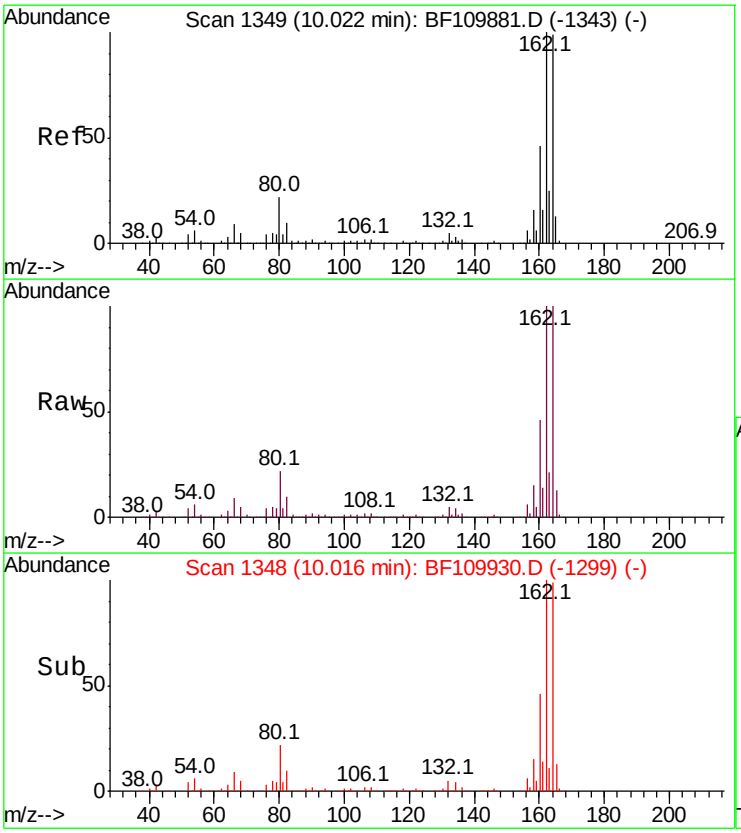
#25
Isophorone
Concen: 14.451 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 452536

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

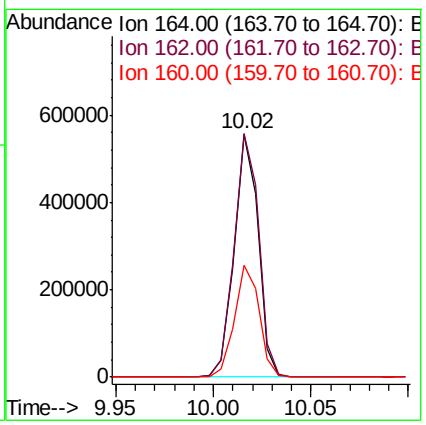


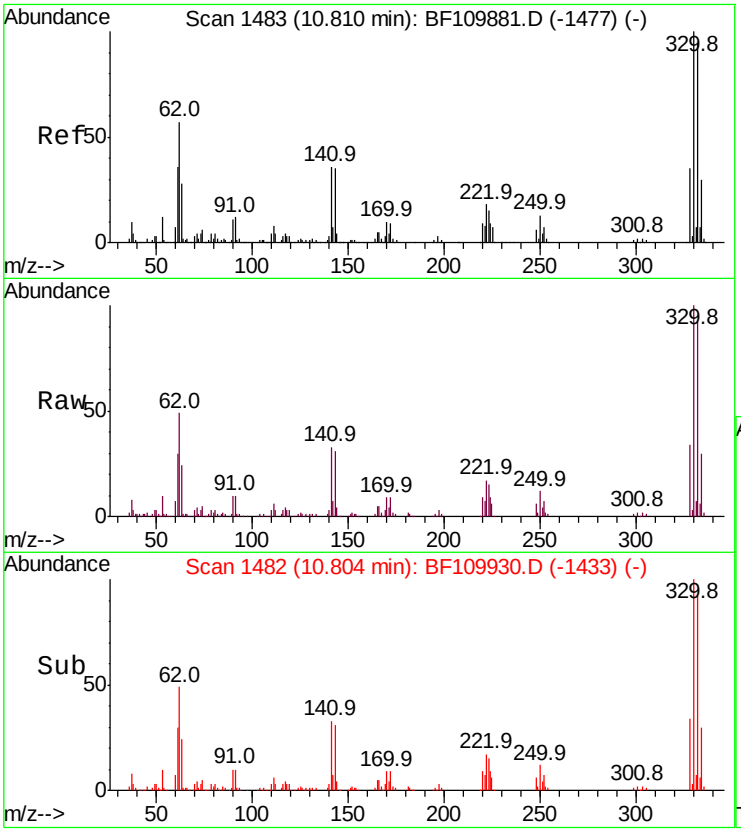


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion:164 Resp: 469851

Ion	Ratio	Lower	Upper
164	100		
162	100.3	83.0	124.6
160	46.0	37.0	55.6



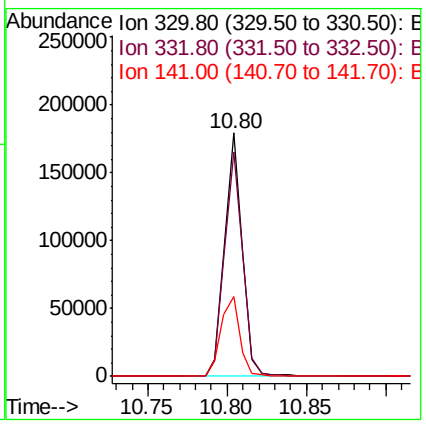


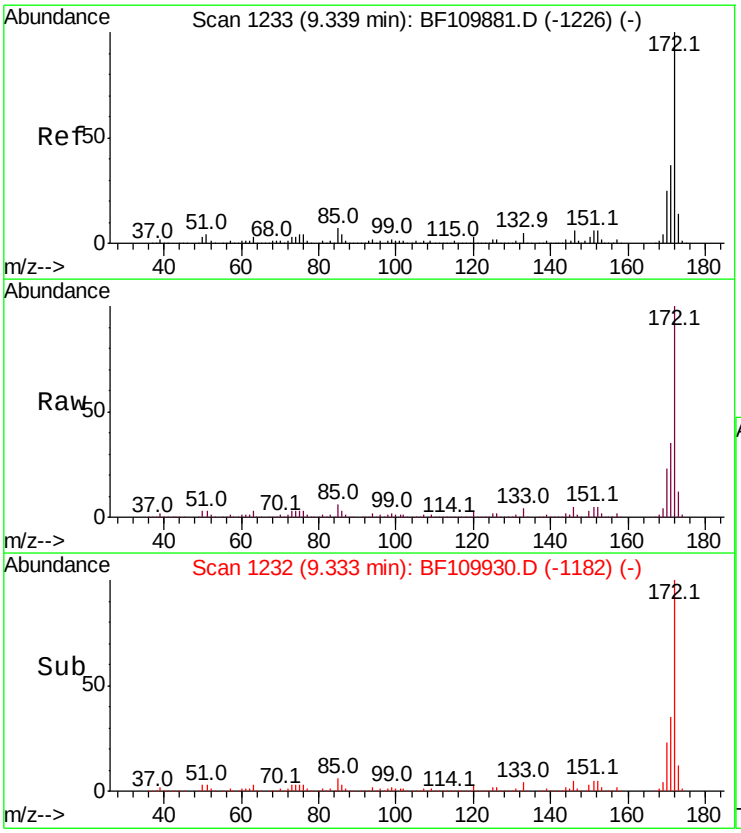
#42
2,4,6-Tribromophenol
Concen: 34.042 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 138477

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	35.5	27.0	40.4

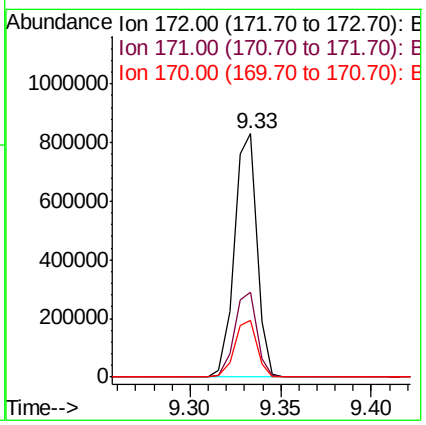


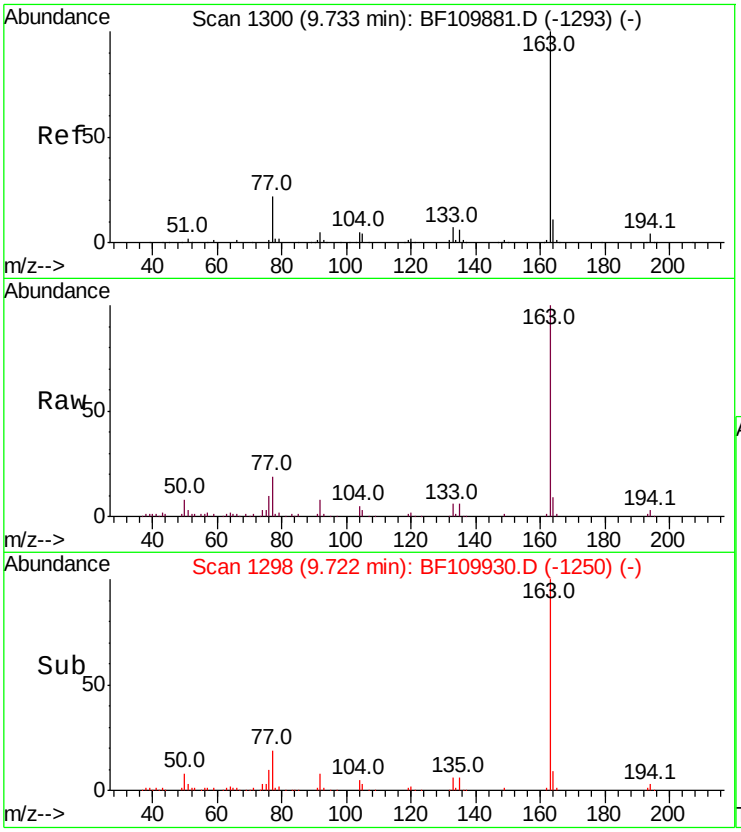


#45
2-Fluorobiphenyl
Concen: 24.460 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion:172 Resp: 720244

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.2	19.7	29.5



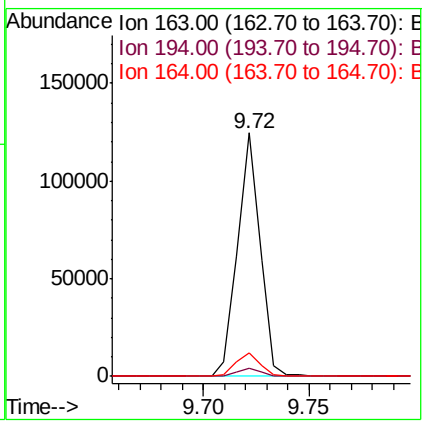


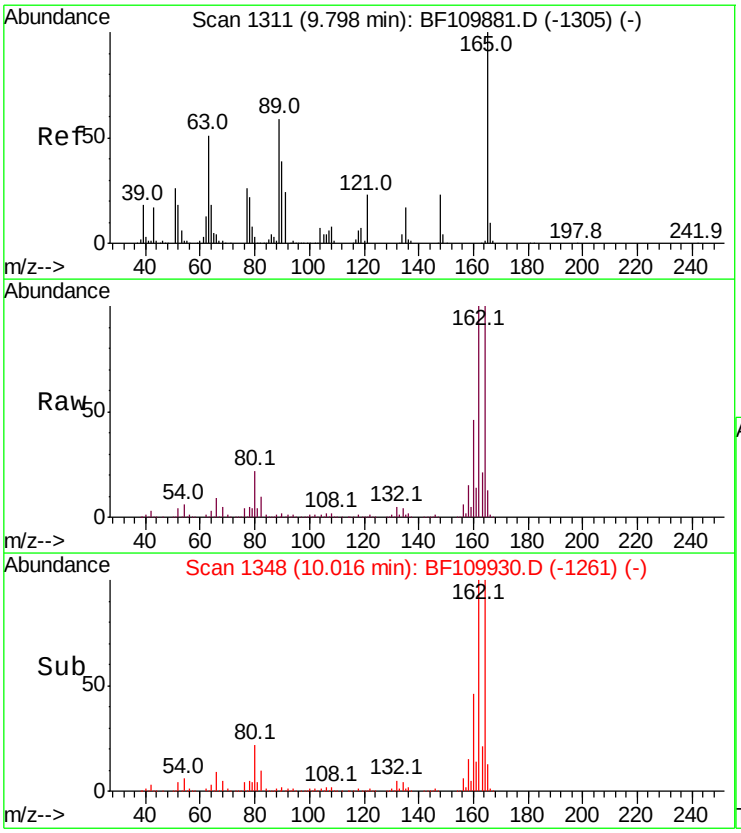
#50
Dimethylphthalate
Concen: 2.765 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 92007

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.5	8.1	12.1

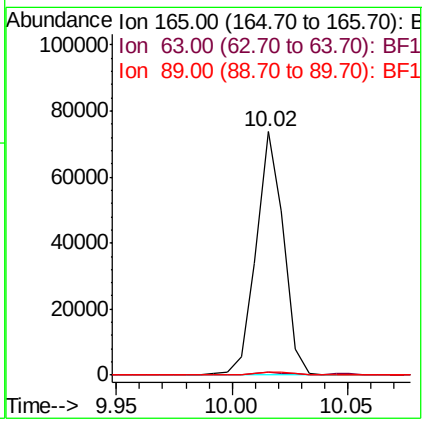


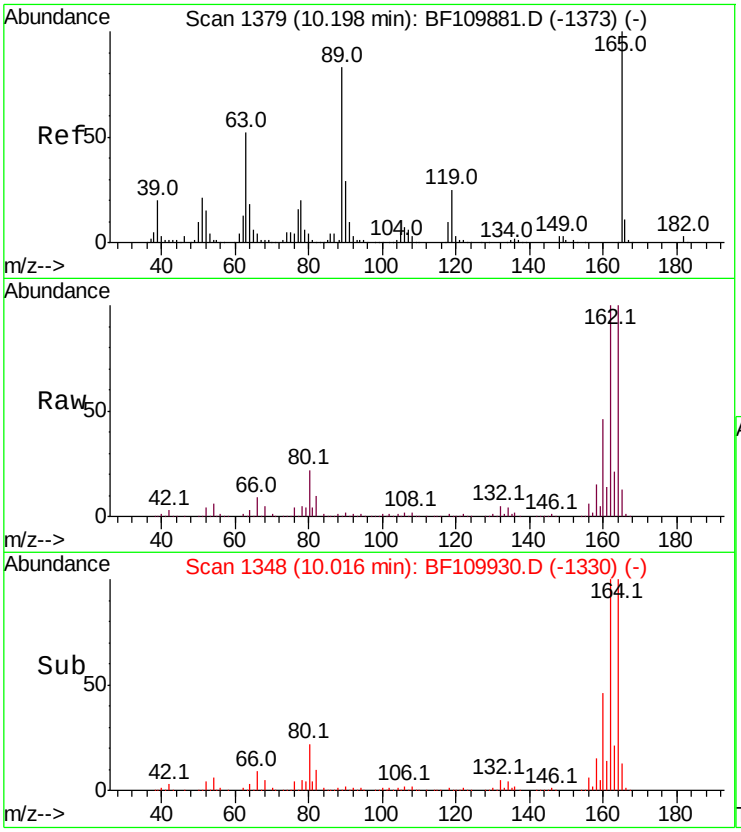


#51
2,6-Dinitrotoluene
Concen: 9.623 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.21 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion:165 Resp: 60811

Ion	Ratio	Lower	Upper
165	100		
63	1.1	48.9	73.3#
89	1.0	46.6	69.8#



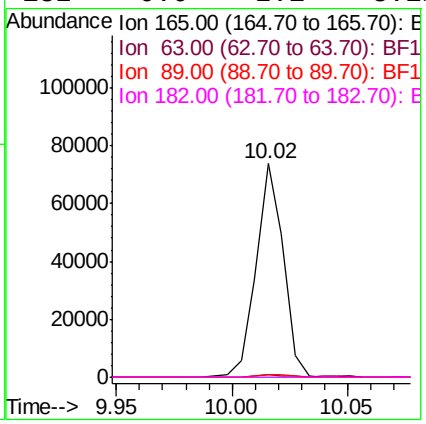


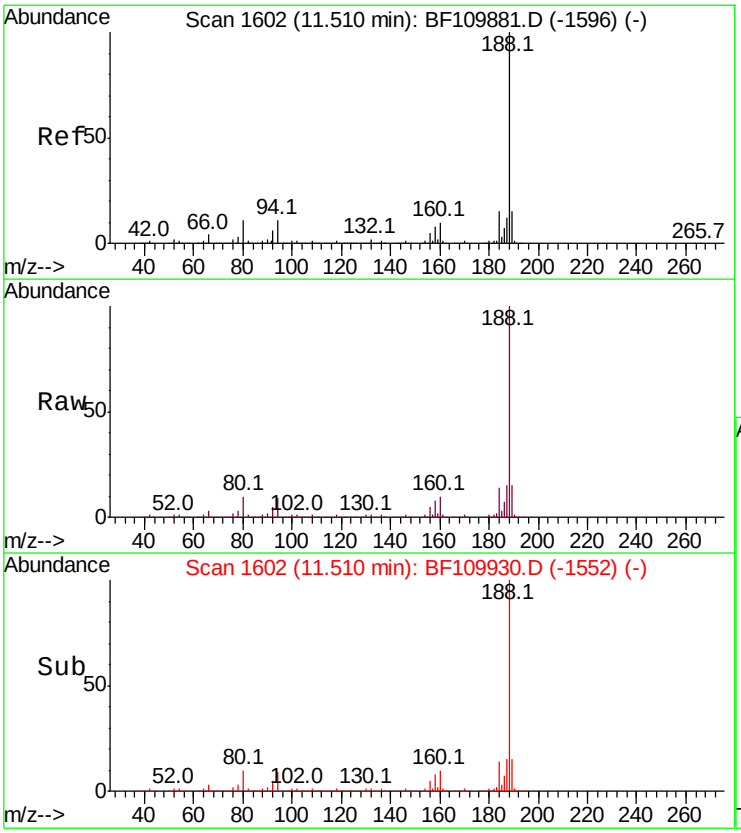
#57
2,4-Dinitrotoluene
Concen: 11.474 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 60811

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.8	67.2#
89	1.0	62.2	93.4#
182	0.0	2.1	3.1#

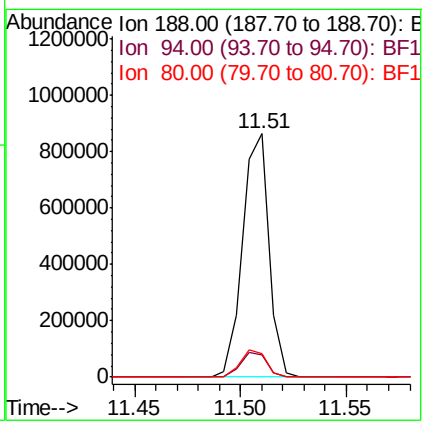


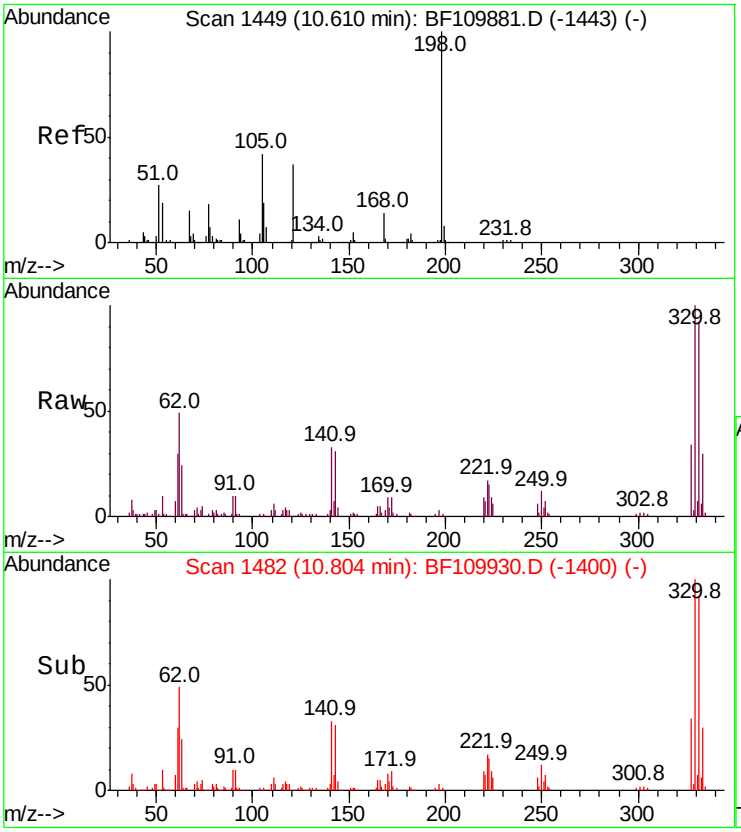


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion:188 Resp: 746024

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.7	7.9	11.9



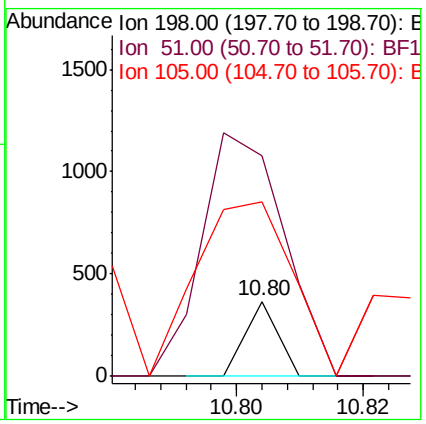


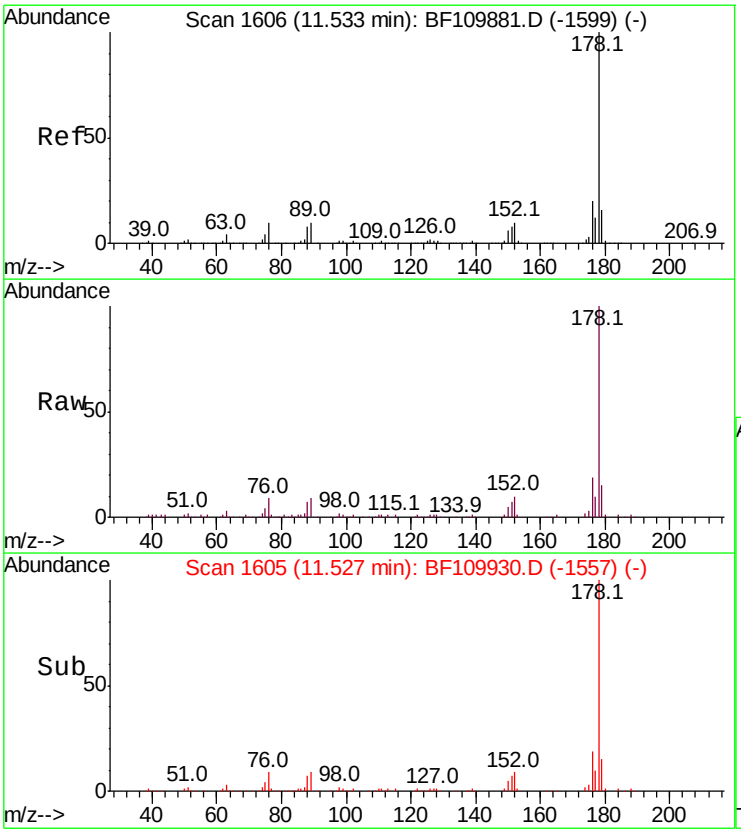
#65
4,6-Dinitro-2-methylphenol
Concen: 7.944 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.18 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 129

Ion	Ratio	Lower	Upper
198	100		
51	293.7	22.8	62.8#
105	233.1	23.6	63.6#

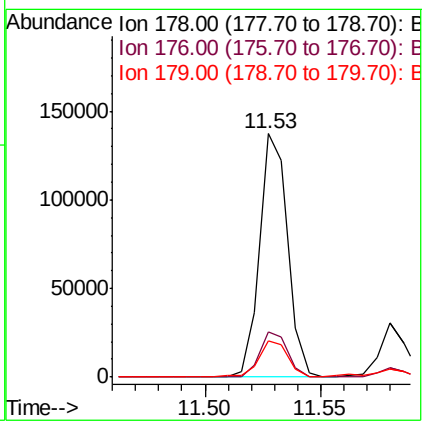


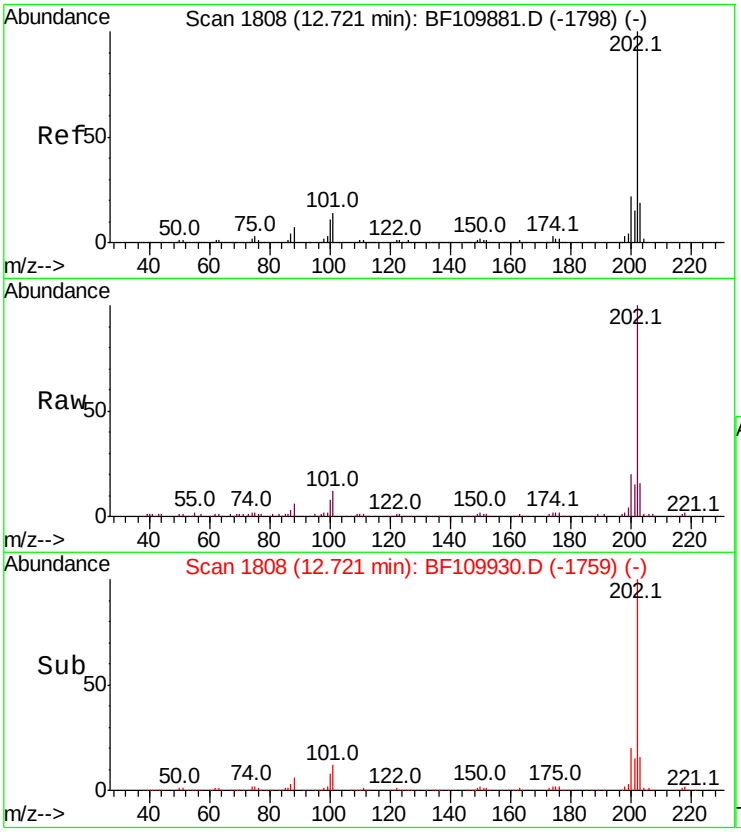


#71
Phenanthrene
Concen: 3.021 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion:178 Resp: 116680

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.0	12.5	18.7



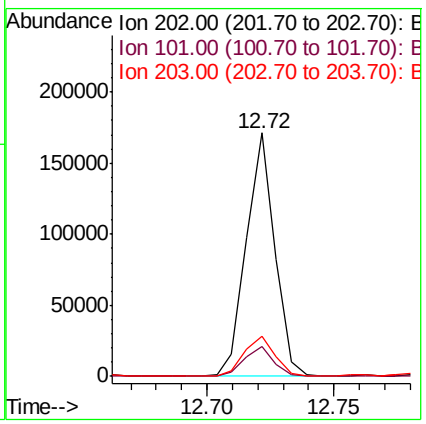


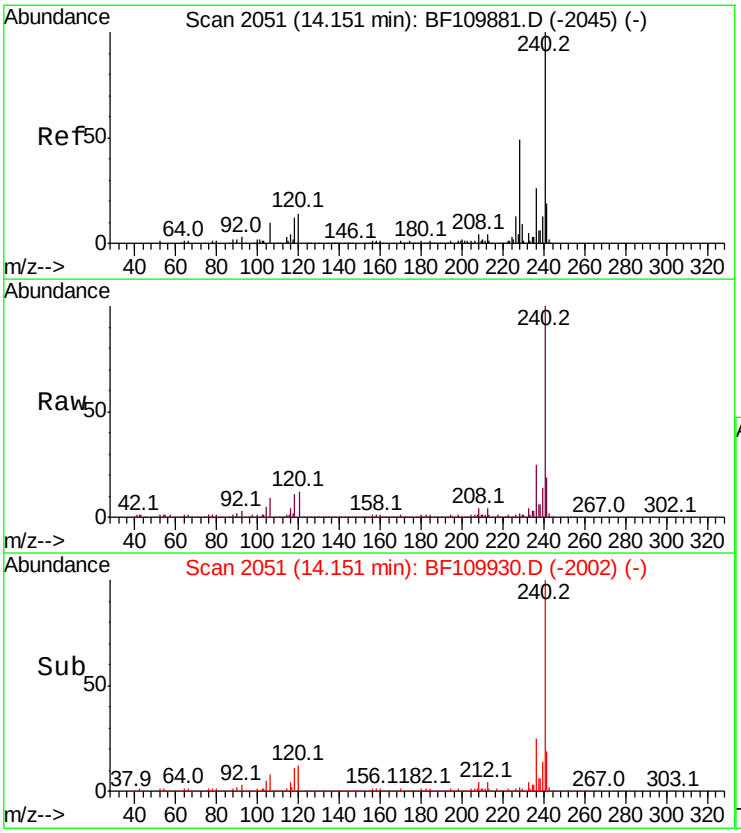
#75
Fluoranthene
Concen: 3.468 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 133788

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.4
203	16.5	0.0	37.7

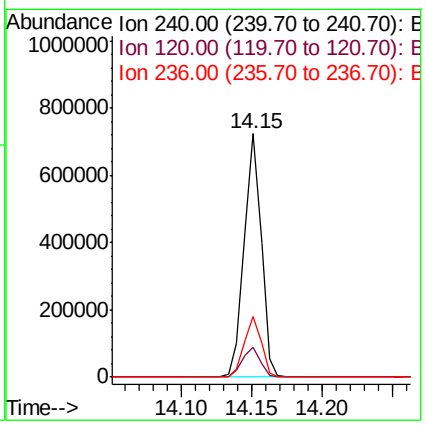


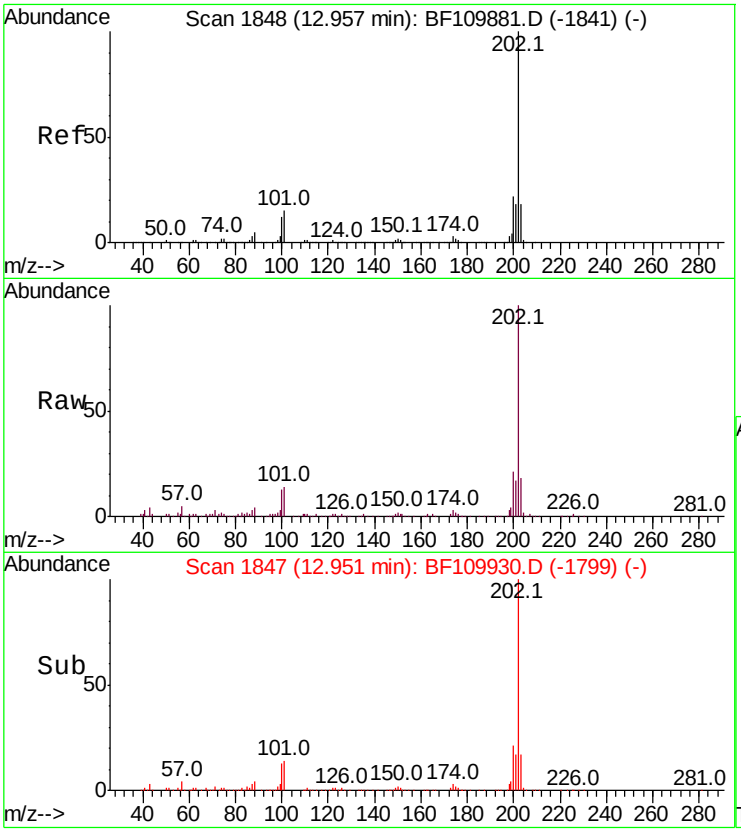


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion:240 Resp: 613535

Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	24.8	21.2	31.8



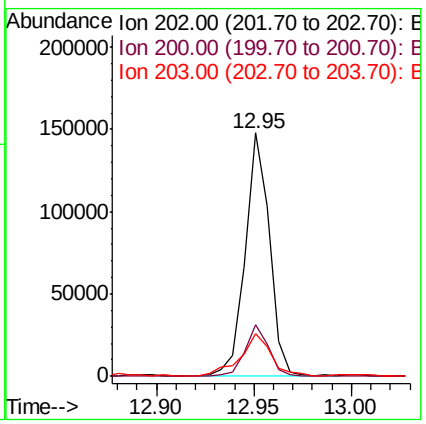


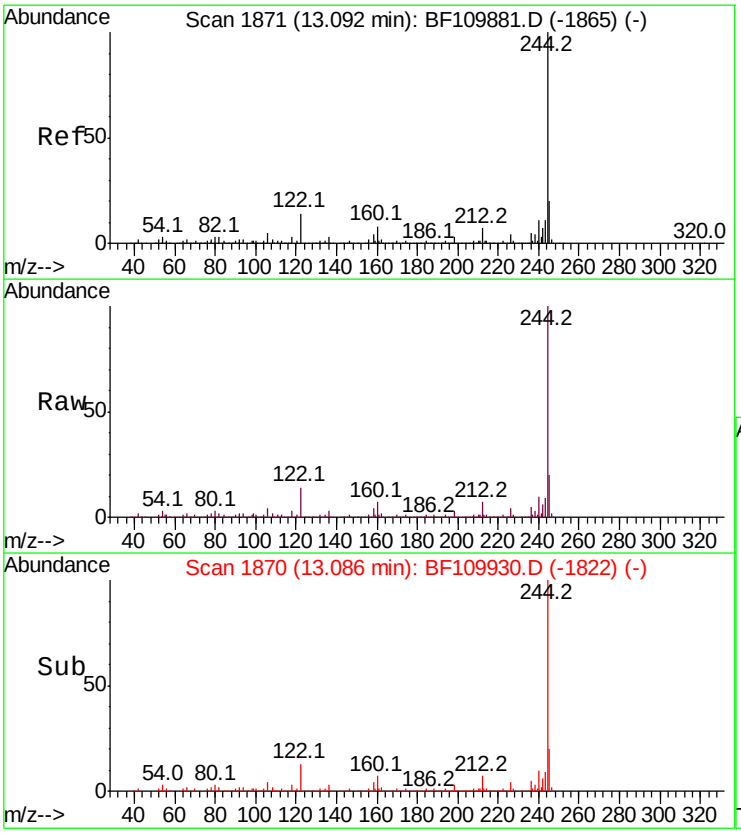
#78
Pyrene
Concen: 2.837 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 127849

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.8	14.2	21.4

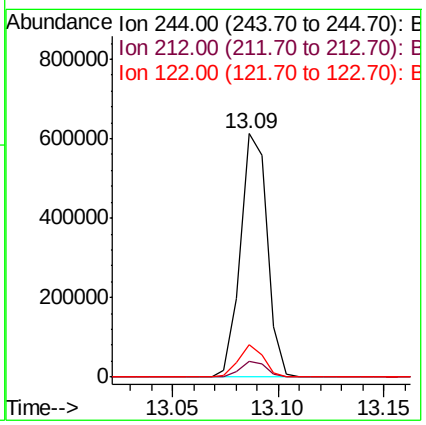


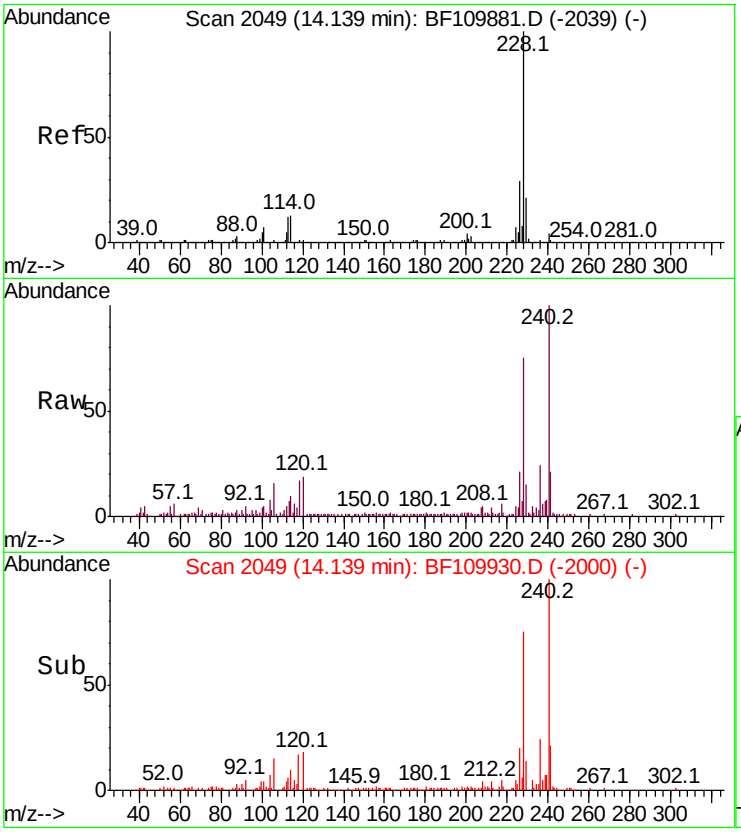


#79
Terphenyl-d14
Concen: 18.413 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion:244 Resp: 537978

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	13.5	8.7	13.1#



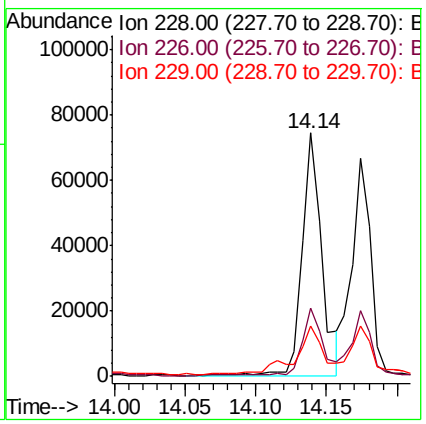


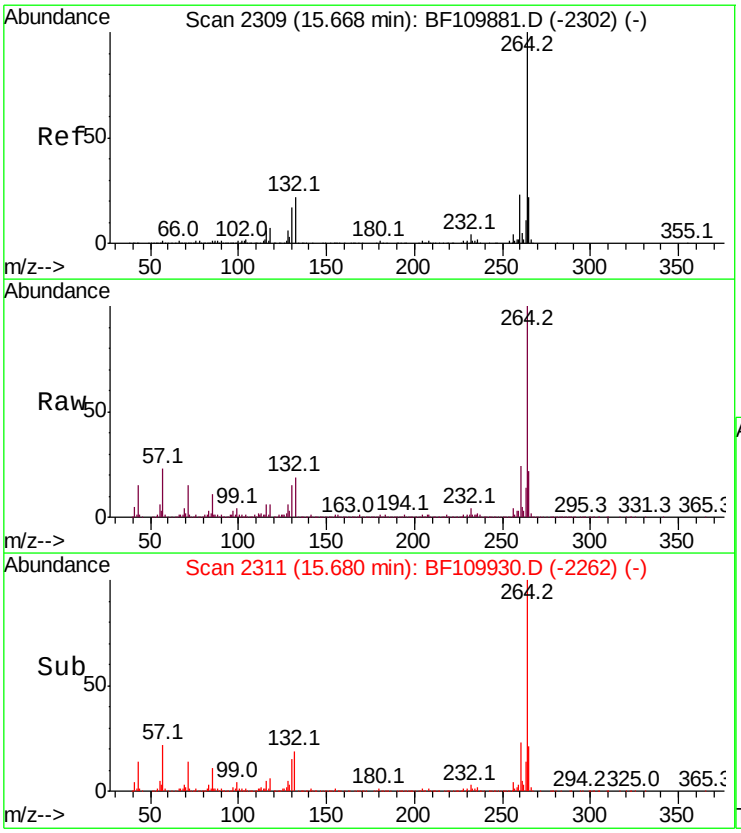
#81
Benzo(a)anthracene
Concen: 2.029 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 73337

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.6	15.6	23.4

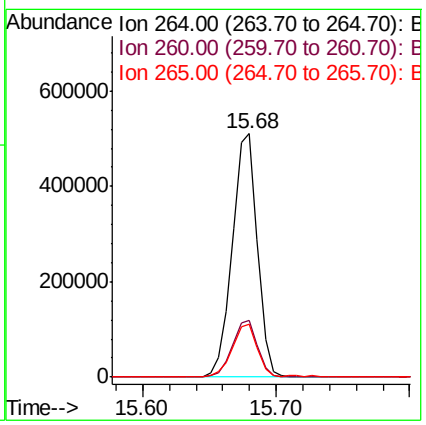


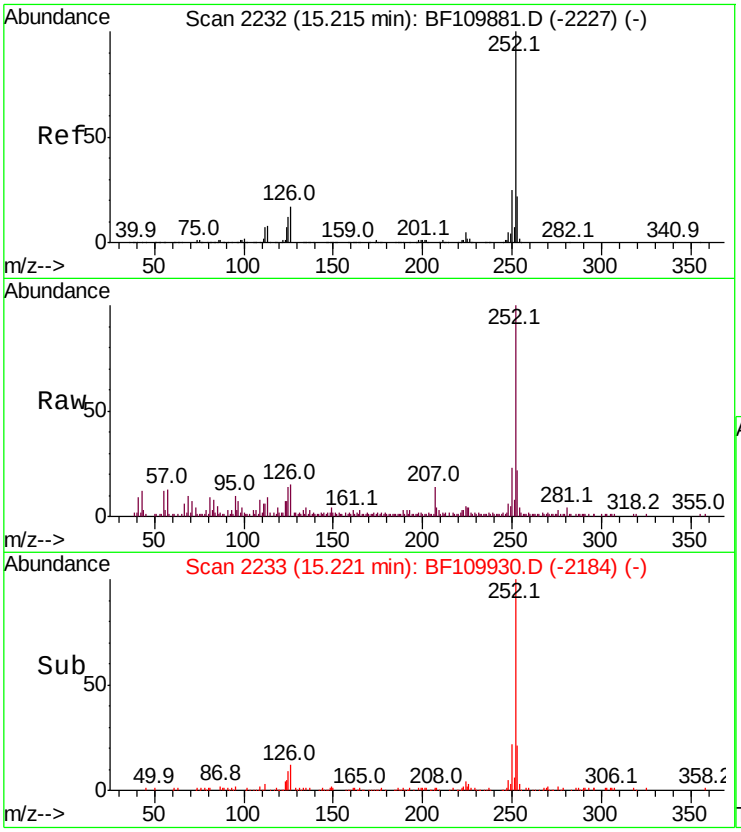


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion:264 Resp: 669183

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.5	16.7	25.1



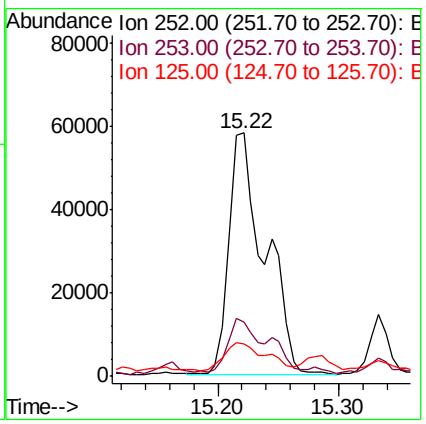


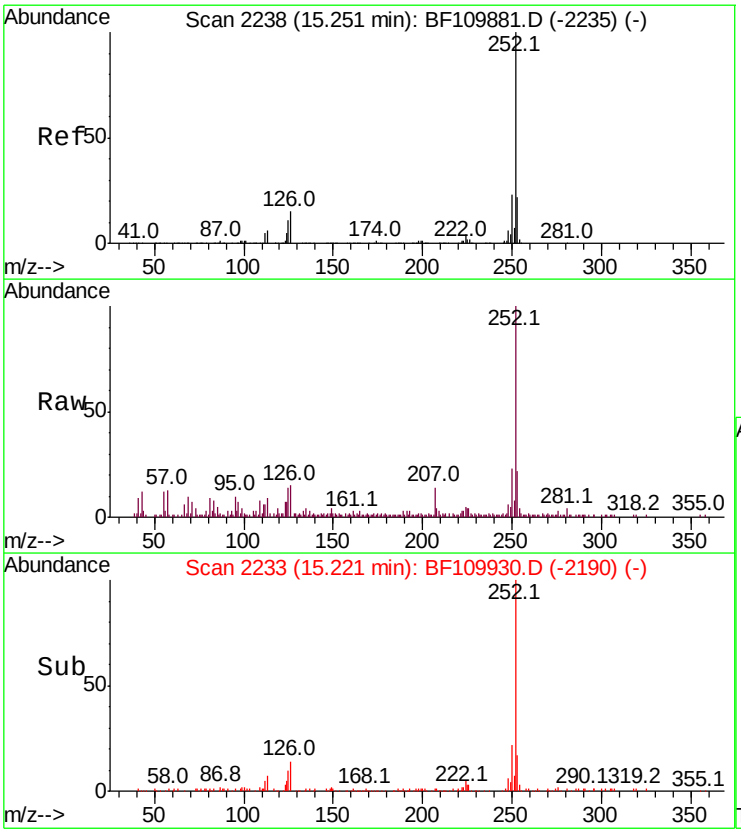
#88
Benzo(b)fluoranthene
Concen: 3.102 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 119683

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	13.5	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 3.147 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion:252 Resp: 119683

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	13.5	7.4	11.0#