Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109701.D
Acq On : 9 Oct 2018 18:07
Operator : JU/SJ
Sample : J5325-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 19:04:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	93993	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	375928	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	174820	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	300263	20.00	ng		0.00
75) Chrysene-d12	13.83	240	204269	20.00	ng		0.00
86) Perylene-d12	15.23	264	204306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	571098	107.85	ng		0.00
7) Phenol-d6	6.35	99	756144	106.89	ng		-0.01
23) Nitrobenzene-d5	7.26	82	518899	76.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	191717	100.65	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	971311	76.52	ng		0.00
78) Terphenyl-d14	12.78	244	698242	66.17	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	67311	13.569	ng	#	78
25) Isophorone	7.26	82	520227	45.938	ng	#	67
49) Dimethylphthalate	9.45	163	119072	9.287	ng		99
56) 2,4-Dinitrotoluene	9.72	165	22437	6.469	ng	#	19
66) 4-Bromophenyl-phenylether	10.51	248	11507	3.335	ng	#	1
74) Fluoranthene	12.41	202	50769	3.234	ng		98
77) Pyrene	12.63	202	43596	2.913	ng		98
82) Chrysene	13.86	228	27435	2.317	ng		96
85) Indeno(1,2,3-cd)pyrene	16.59	276	18322	2.162	ng	#	91
87) Benzo(b)fluoranthene	14.84	252	52406	4.642	ng	#	72
88) Benzo(k)fluoranthene	14.84	252	52406	4.620	ng	#	72
89) Benzo(a)pyrene	15.17	252	23584	2.302	ng	#	70
91) Benzo(g,h,i)perylene	16.99	276	17719	2.109	ng	#	88

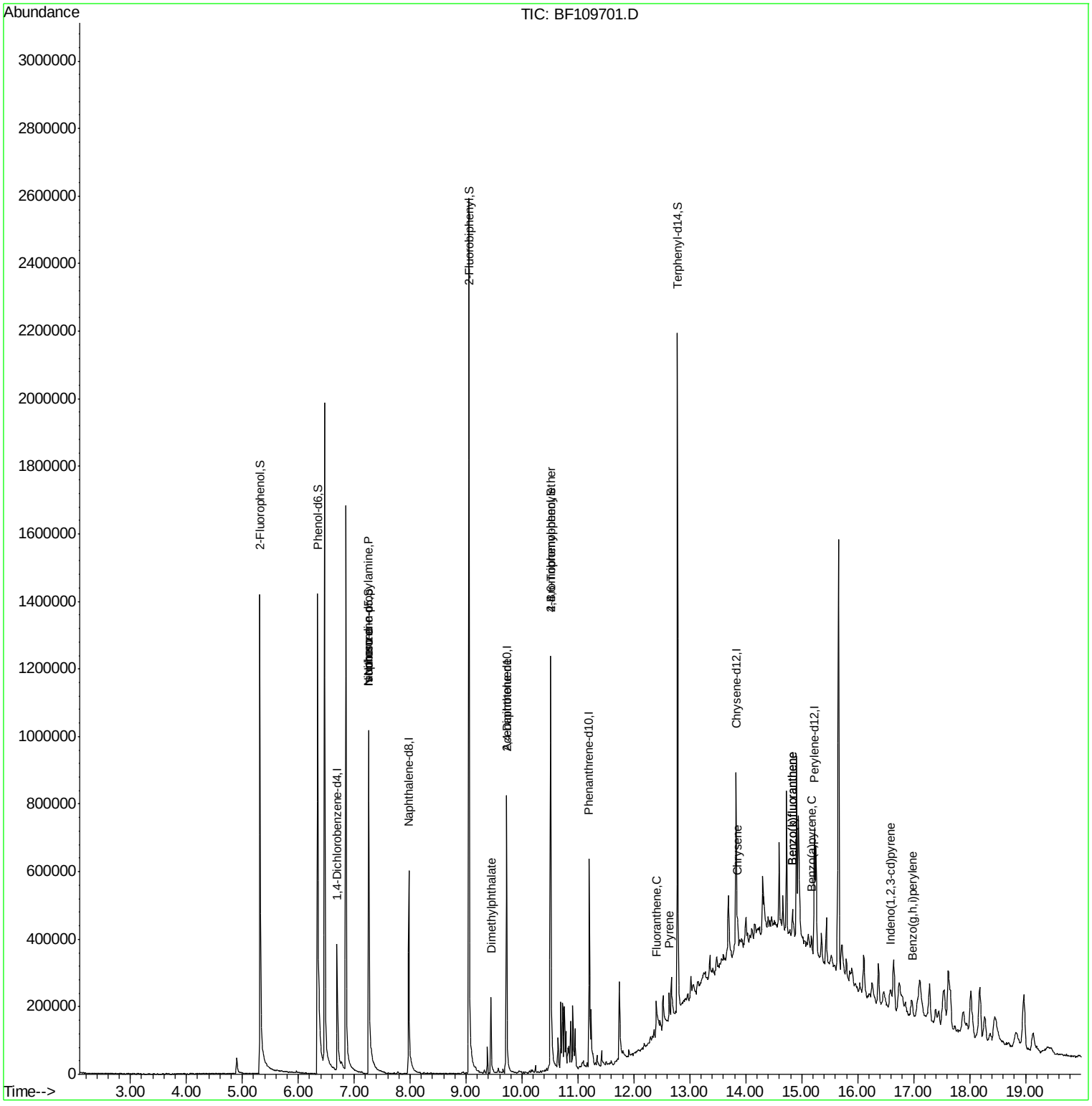
(#) = qualifier out of range (m) = manual integration (+) = signals summed

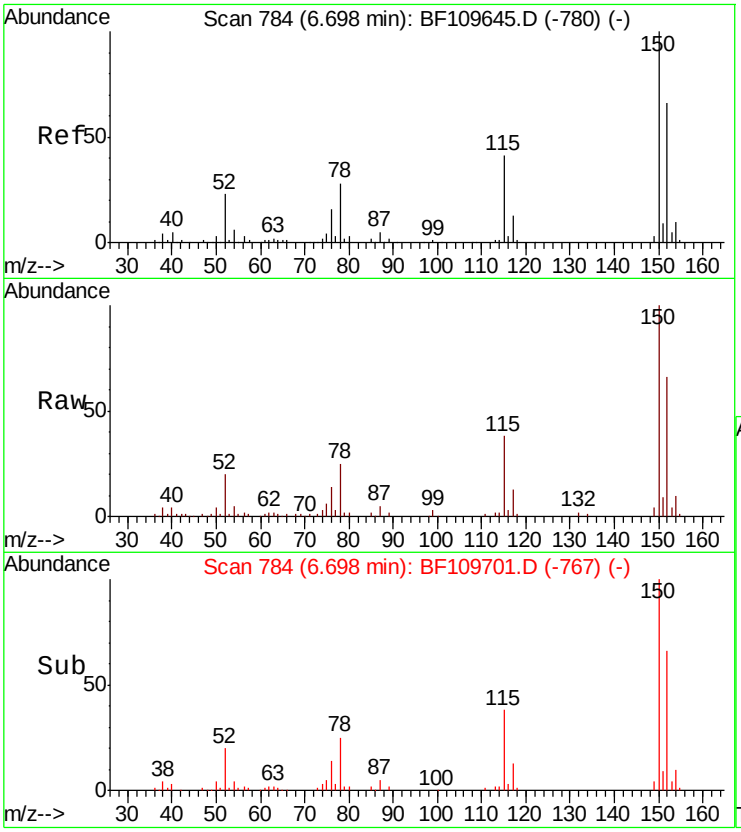
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109701.D
Acq On : 9 Oct 2018 18:07
Operator : JU/SJ
Sample : J5325-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 09 19:04:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration



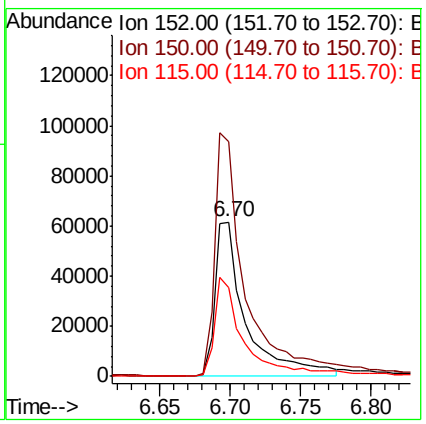


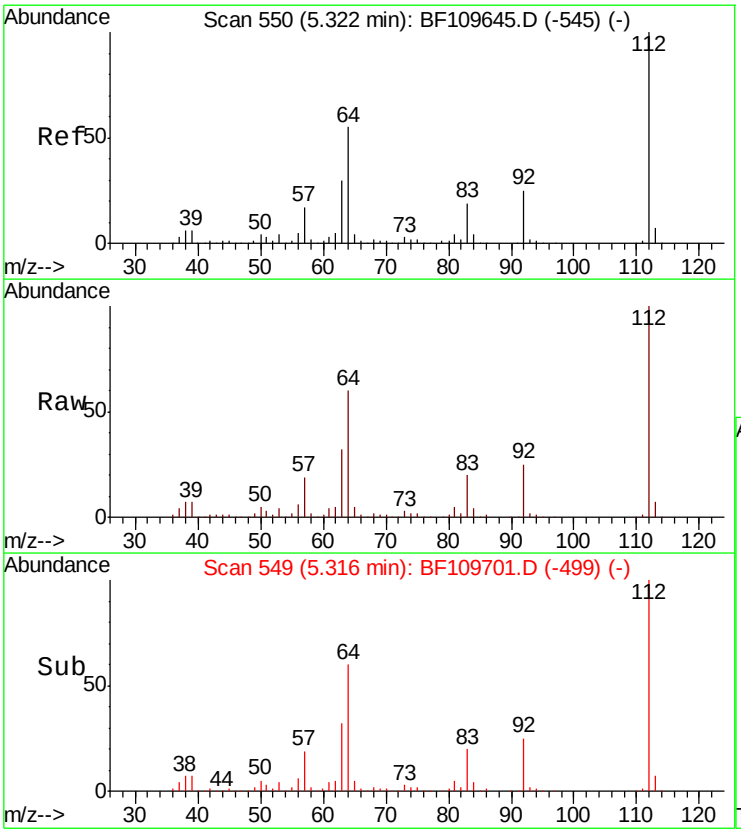
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 93993

Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.7	184.1
115	57.5	49.1	73.7

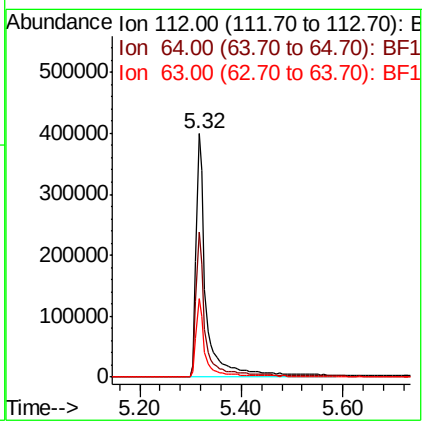


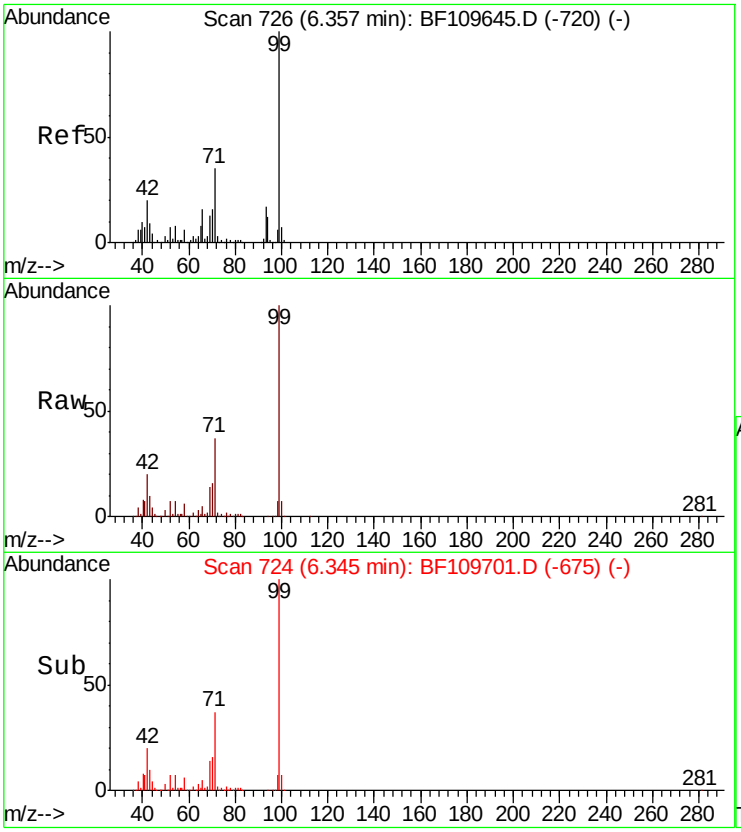


#5
2-Fluorophenol
Concen: 107.850 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion:112 Resp: 571098

Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.1	66.1
63	32.0	23.7	35.5



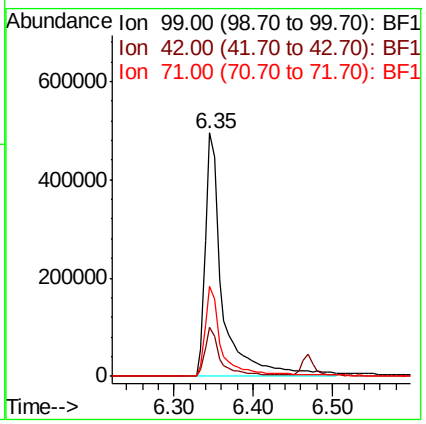


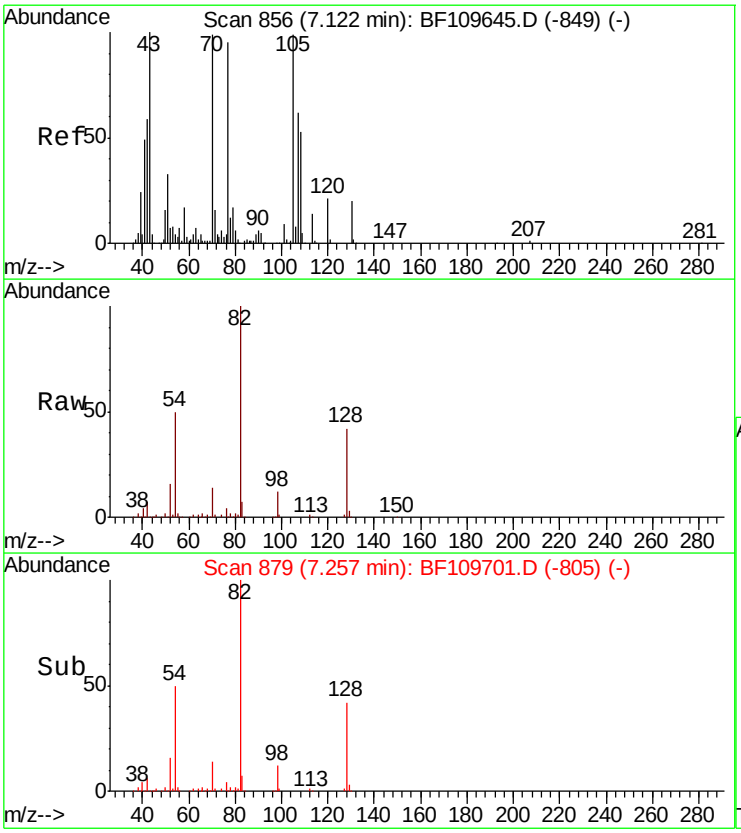
#7
Phenol-d6
Concen: 106.892 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 756144

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	36.9	28.0	42.0

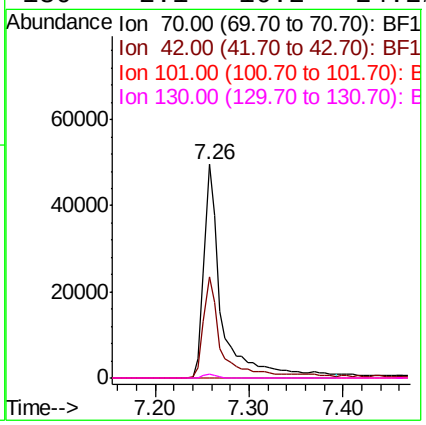


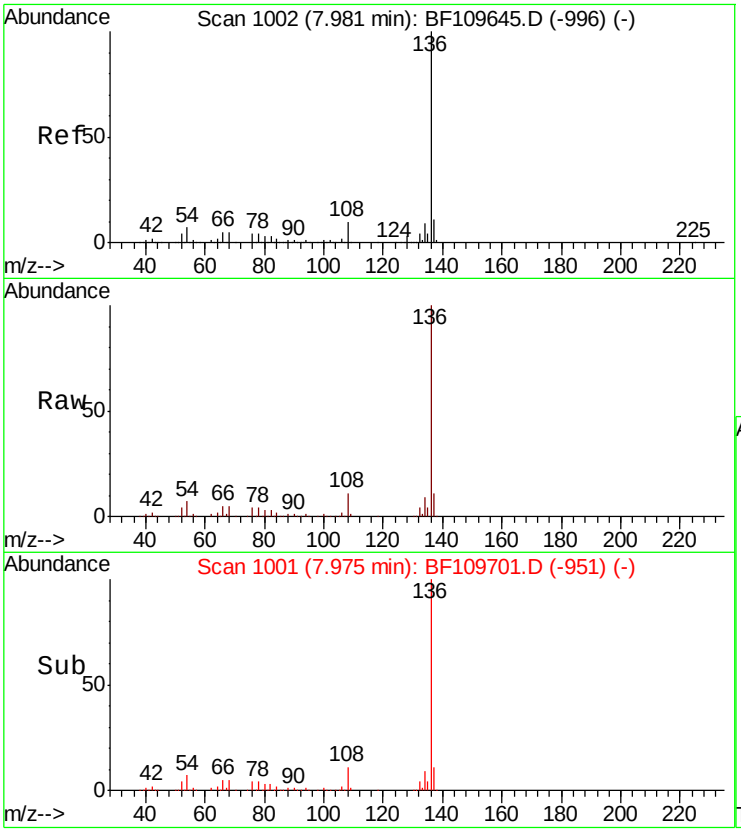


#19
n-Nitroso-di-n-propylamine
Concen: 13.569 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion: 70 Resp: 67311

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.4	71.2#
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



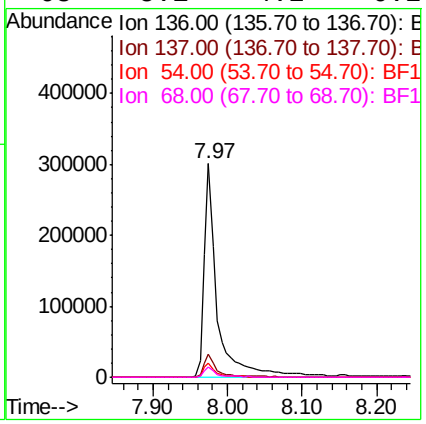


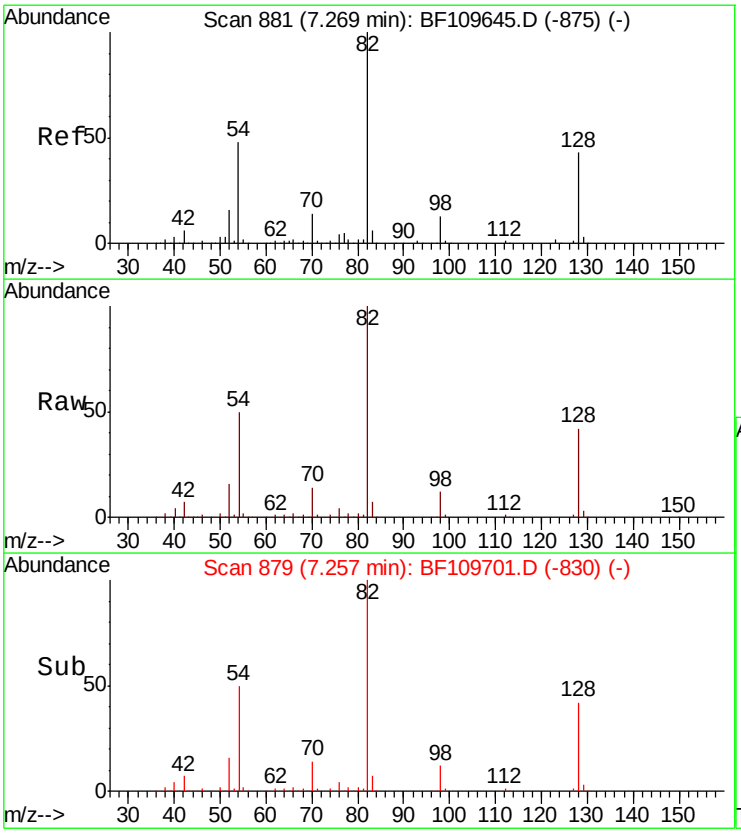
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 375928

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.4	8.2
68	5.1	4.2	6.2

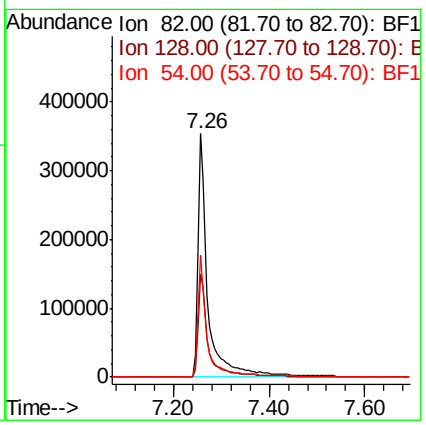


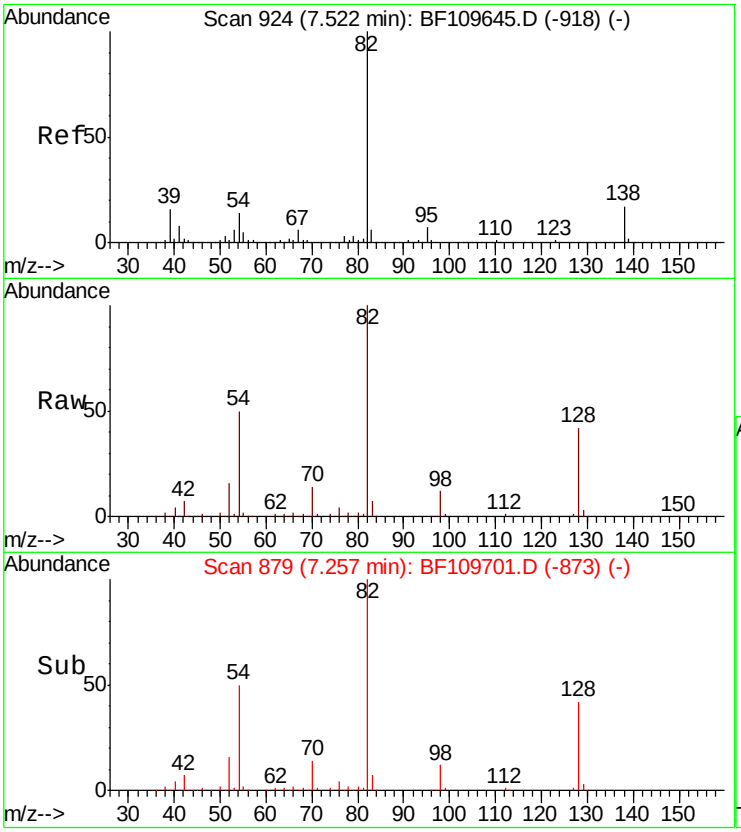


#23
Nitrobenzene-d5
Concen: 76.088 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion: 82 Resp: 518899

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.2	51.2
54	50.0	38.6	58.0



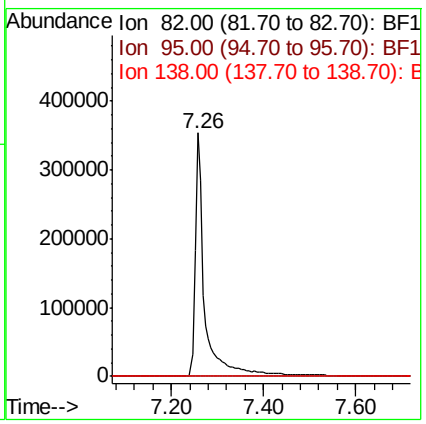


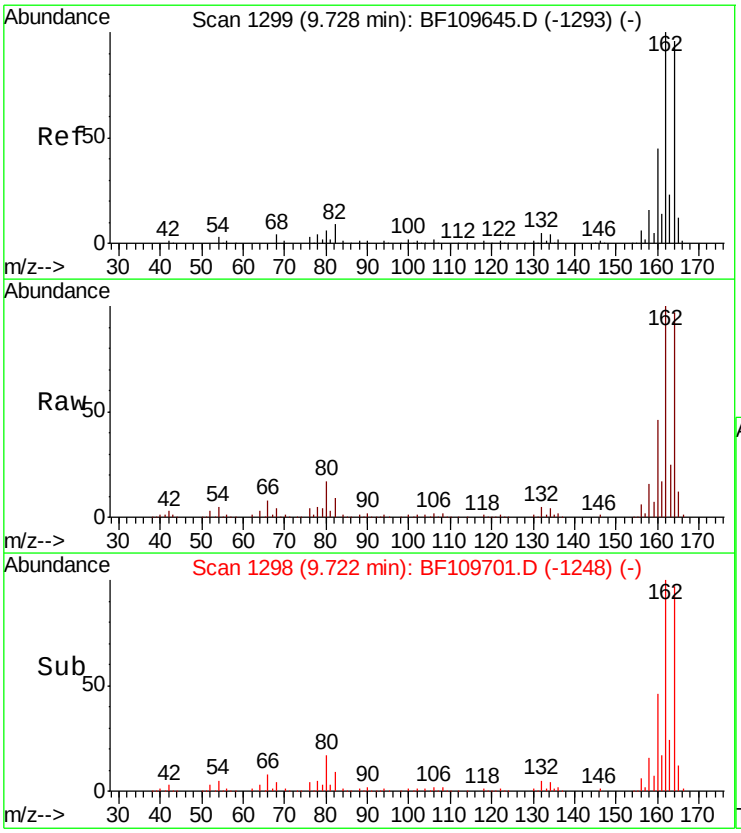
#25
Isophorone
Concen: 45.938 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 520227

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

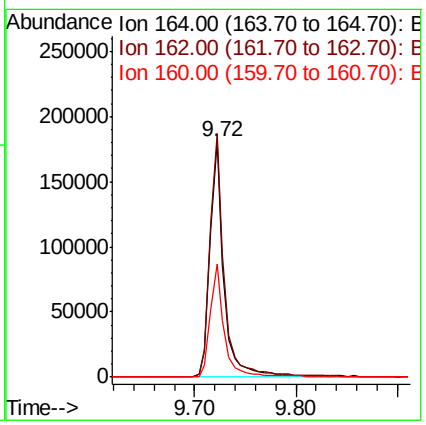


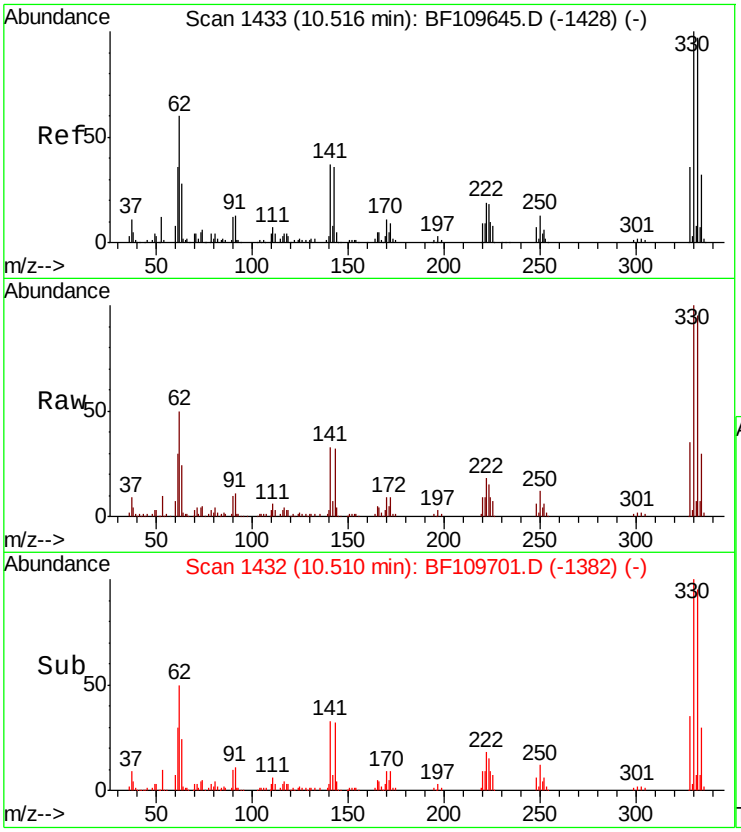


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion:164 Resp: 174820

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	47.9	37.0	55.6



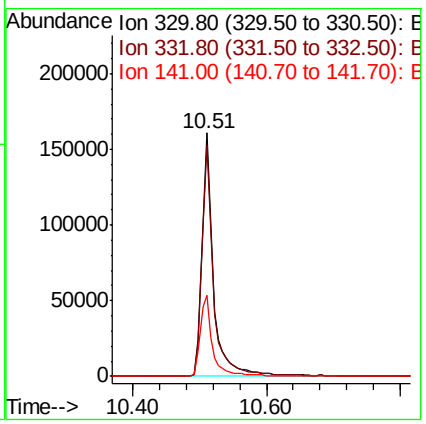


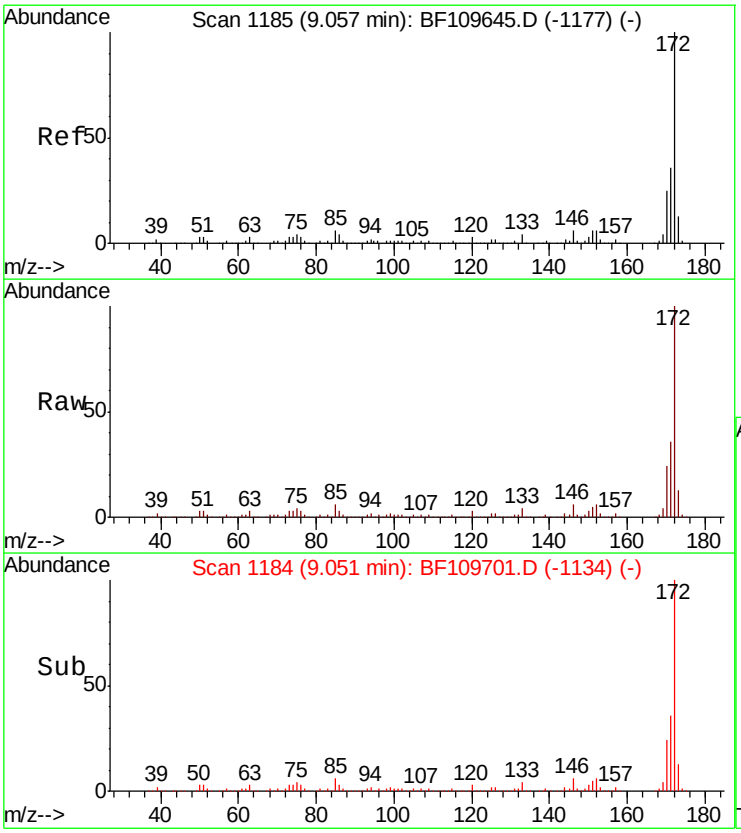
#41
2,4,6-Tribromophenol
Concen: 100.647 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 191717

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	34.4	27.0	40.4

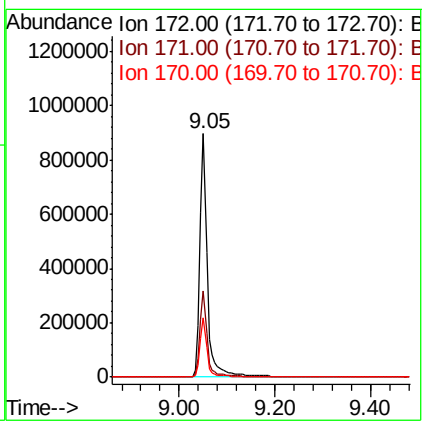


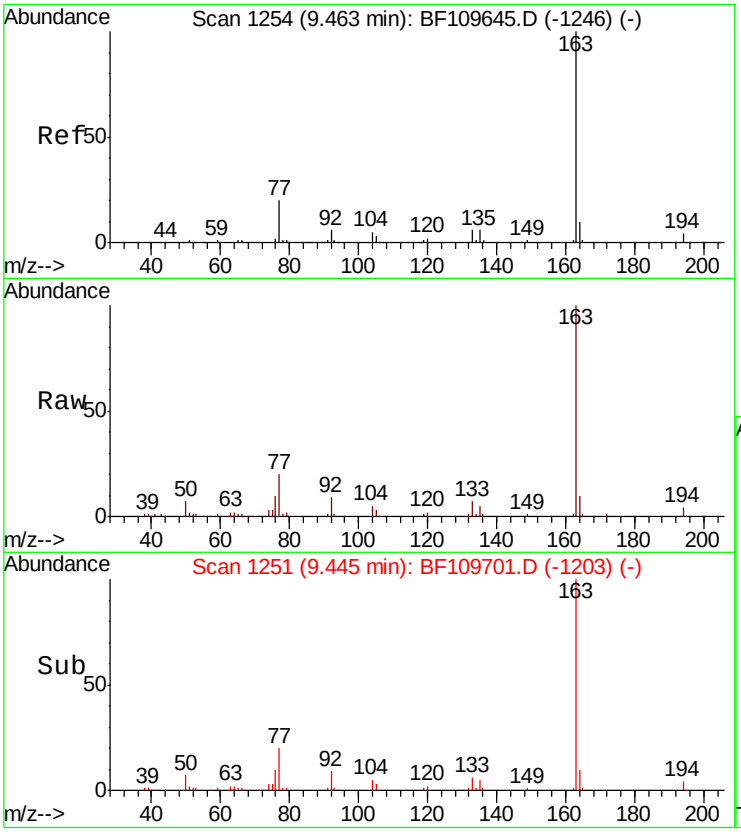


#44
2-Fluorobiphenyl
Concen: 76.521 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion:172 Resp: 971311

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.4	19.7	29.5



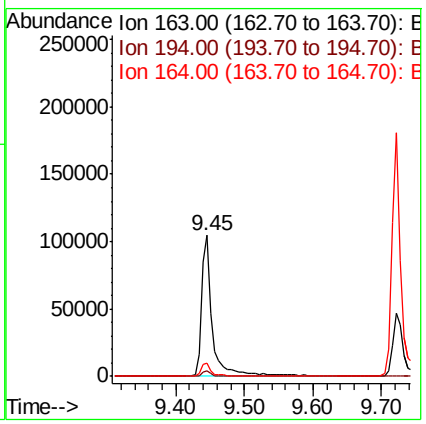


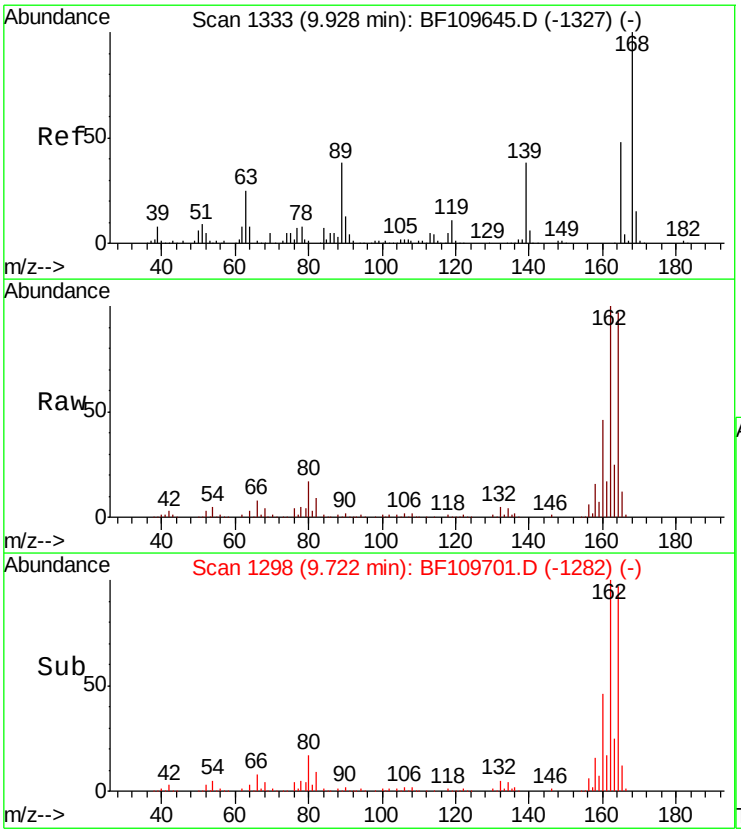
#49
Dimethylphthalate
Concen: 9.287 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 119072

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.8	8.1	12.1

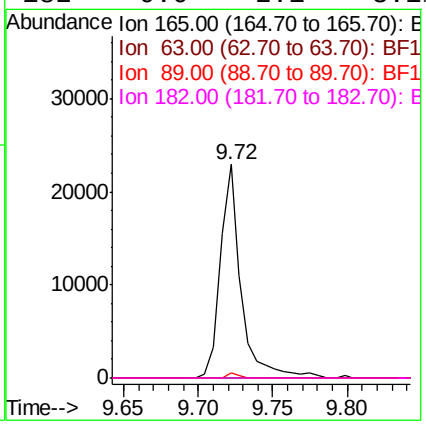


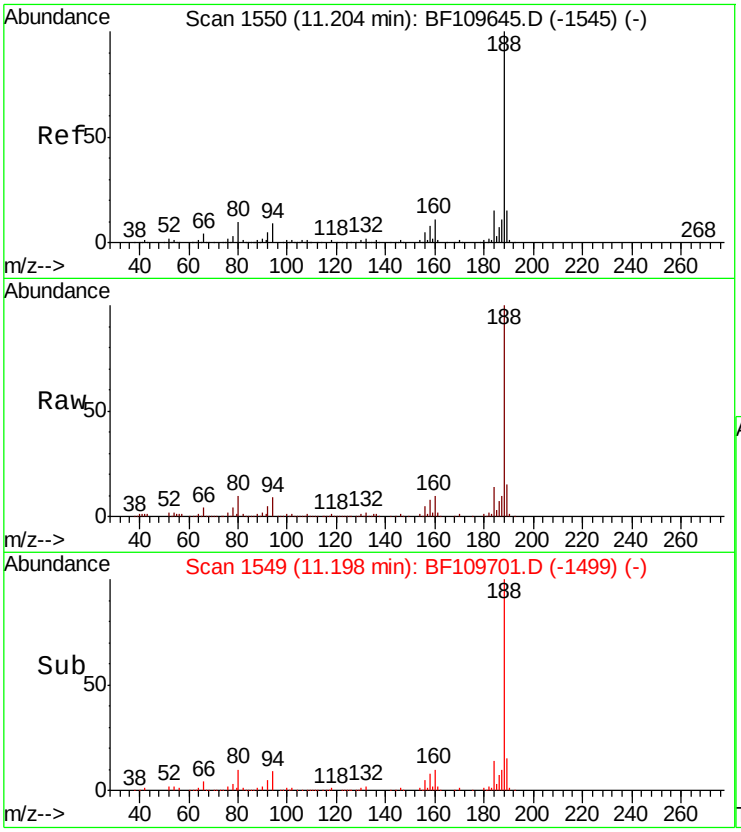


#56
2,4-Dinitrotoluene
Concen: 6.469 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion:165 Resp: 22437

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.5	62.2	93.4#
182	0.0	2.1	3.1#



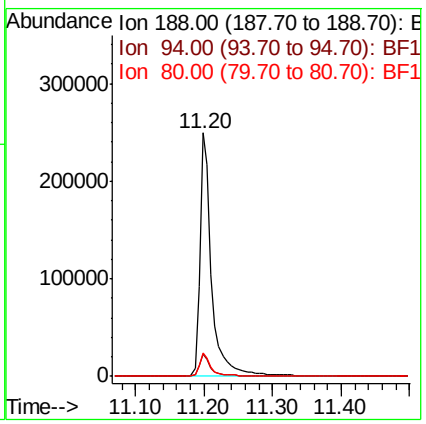


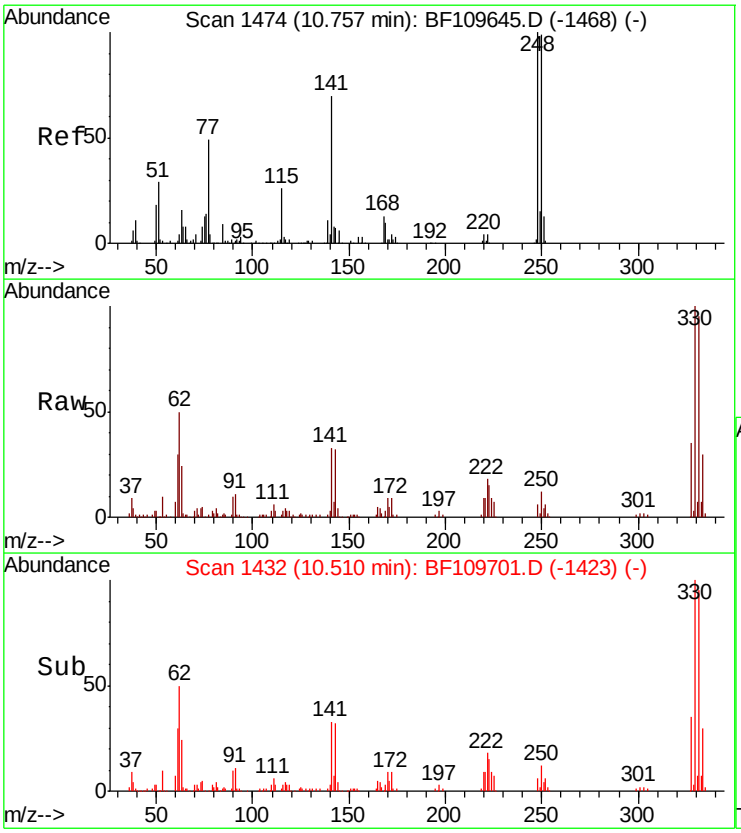
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 300263

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.7	7.9	11.9

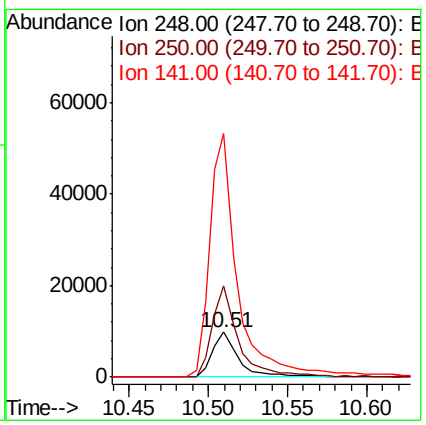


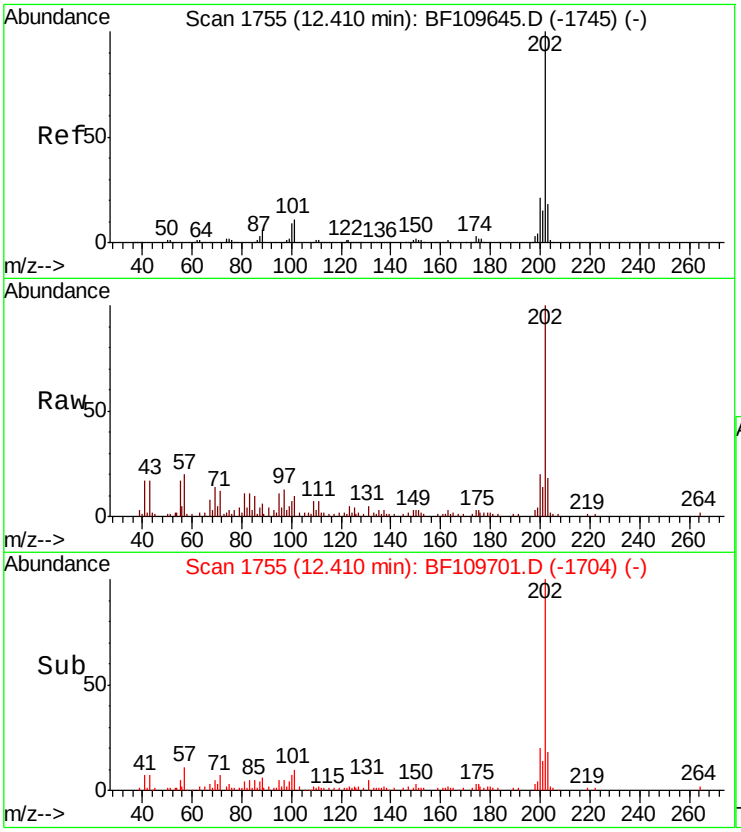


#66
4-Bromophenyl-phenylether
Concen: 3.335 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion:248 Resp: 11507

Ion	Ratio	Lower	Upper
248	100		
250	203.2	79.4	119.2#
141	543.7	55.9	83.9#



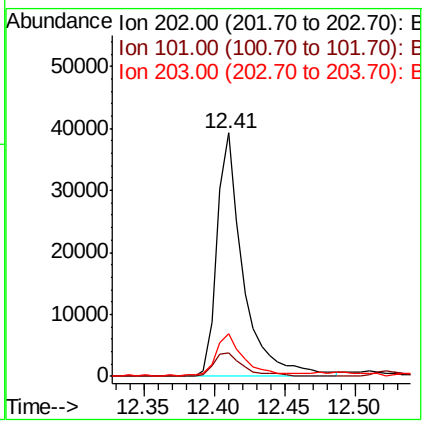


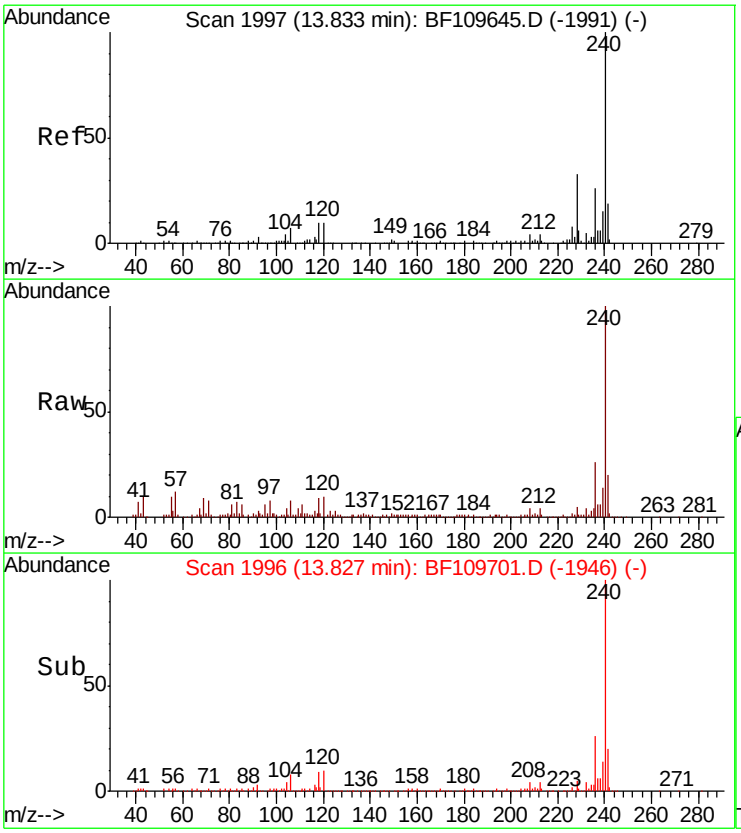
#74
Fluoranthene
Concen: 3.234 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 50769

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.4
203	17.7	0.0	37.7

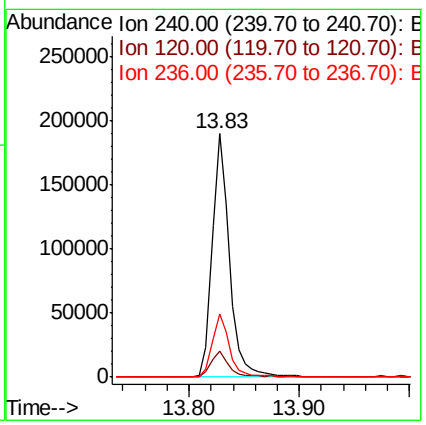


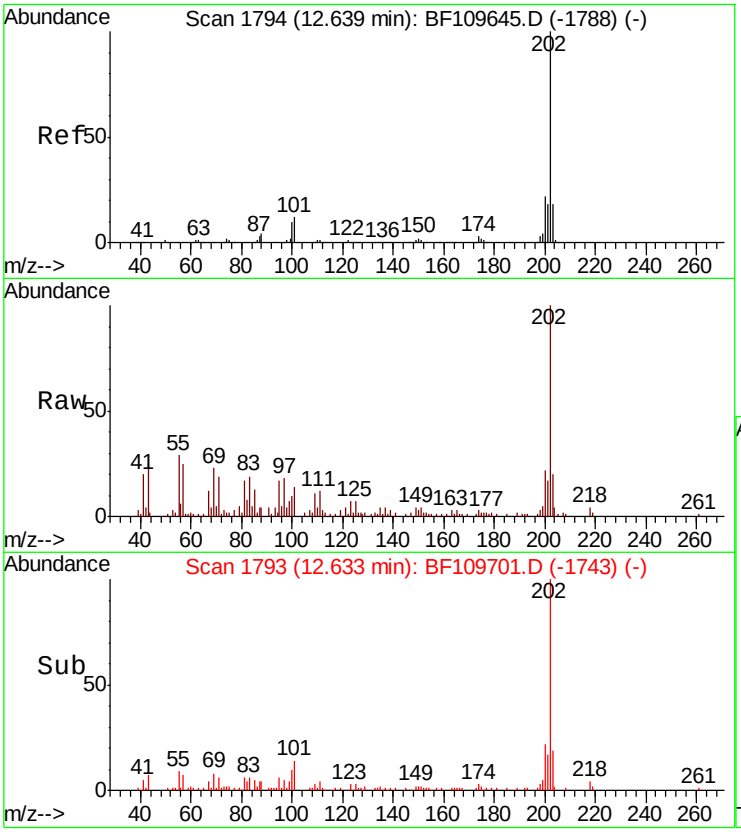


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion:240 Resp: 204269

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	26.1	21.2	31.8



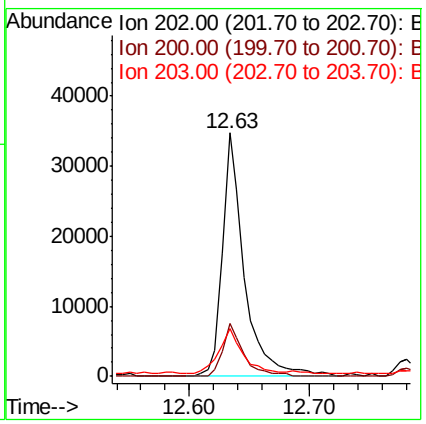


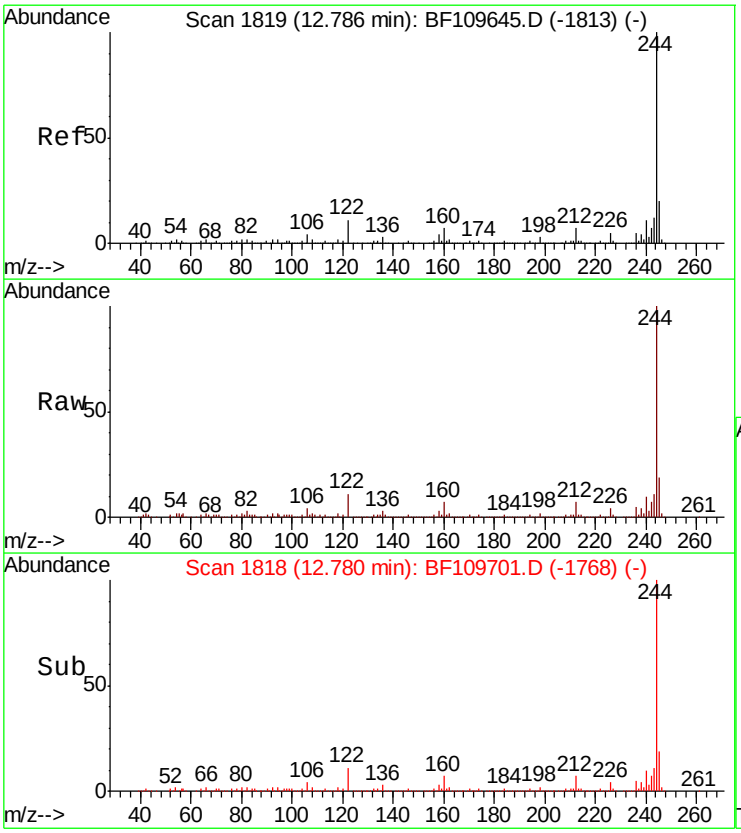
#77
Pyrene
Concen: 2.913 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 43596

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	19.9	14.2	21.4

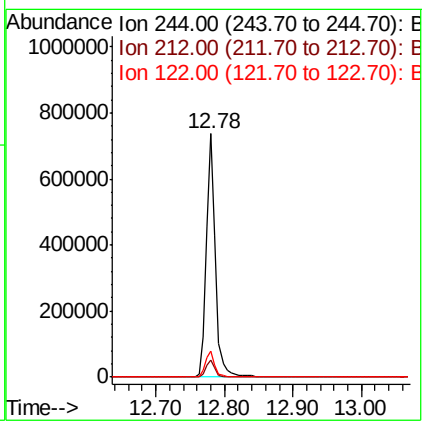


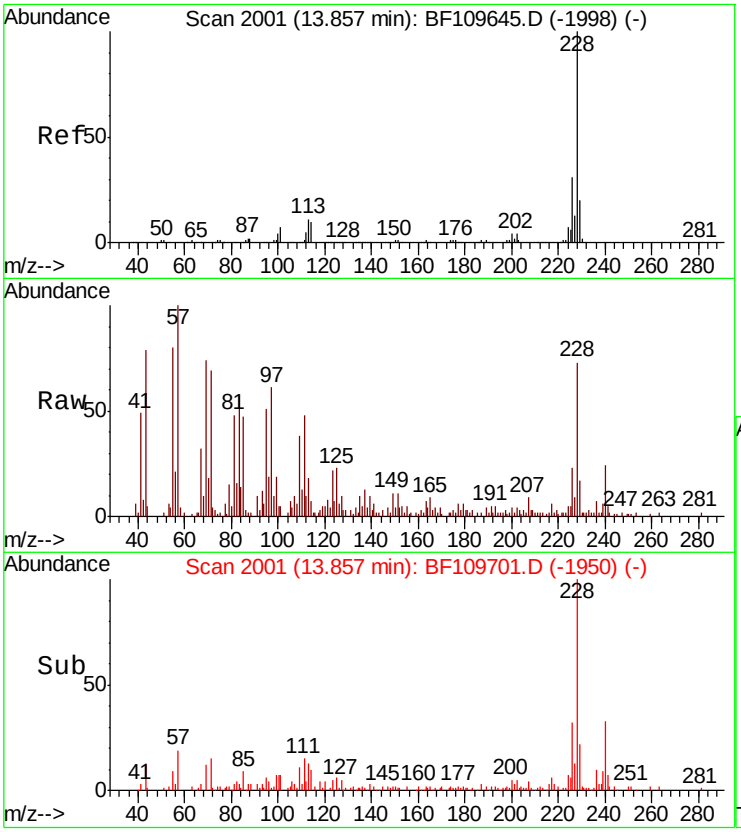


#78
Terphenyl-d14
Concen: 66.172 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion:244 Resp: 698242

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.9	8.7	13.1



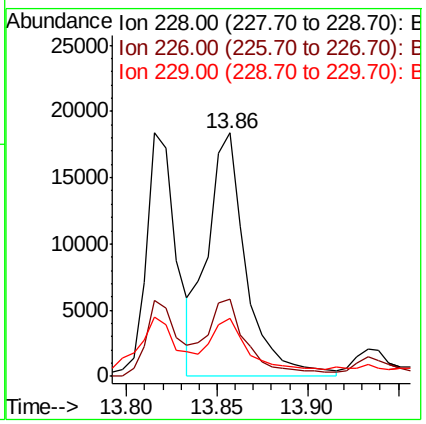


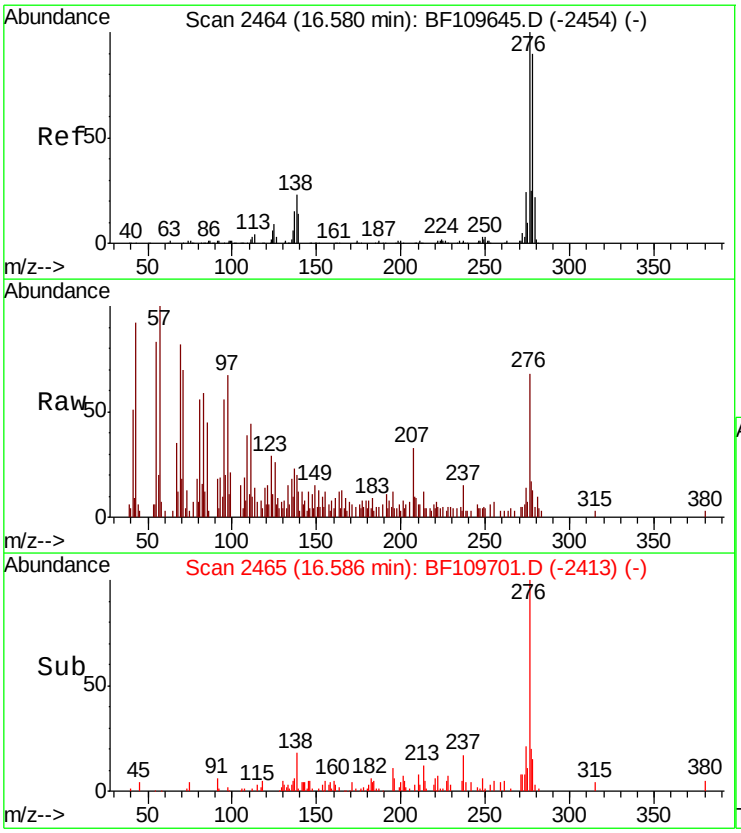
#82
Chrysene
Concen: 2.317 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 27435

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.7	37.1
229	23.8	15.9	23.9

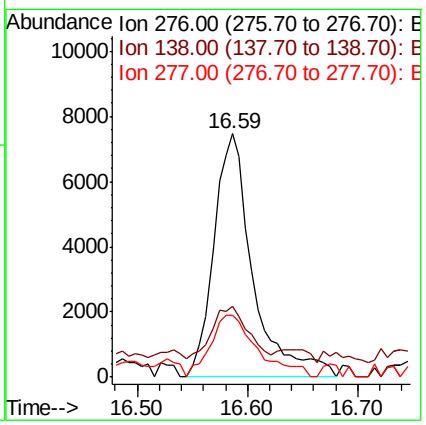


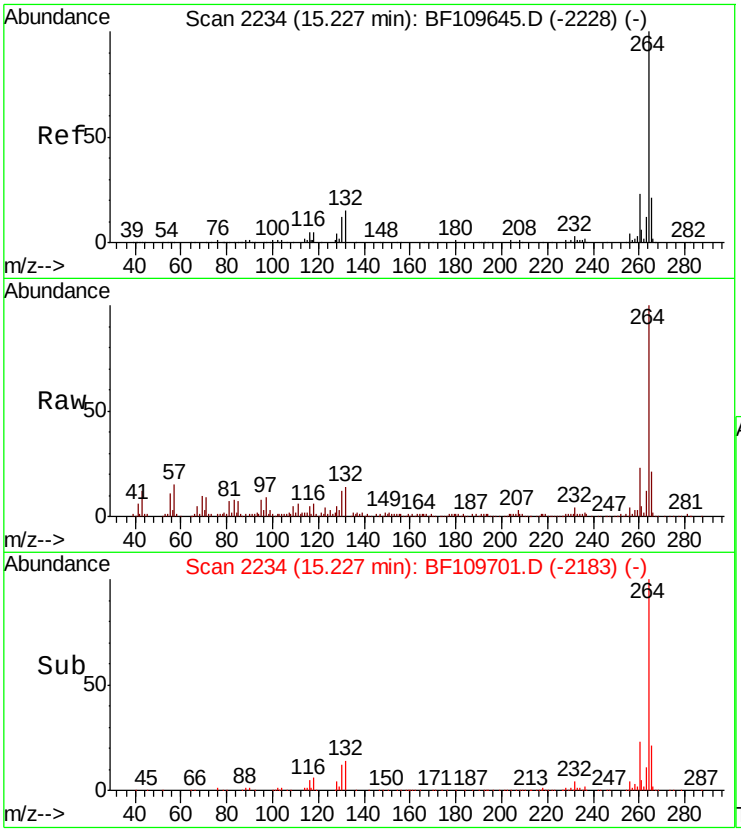


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.162 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion:276 Resp: 18322

Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.5	27.7
277	30.6	20.0	30.0#



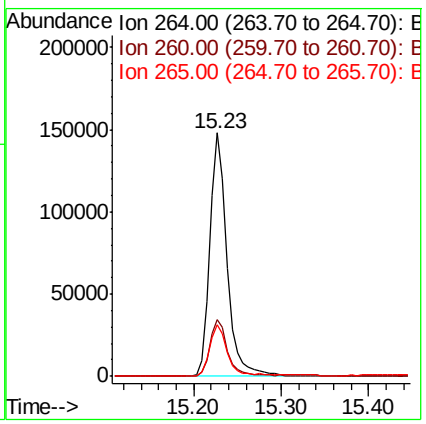


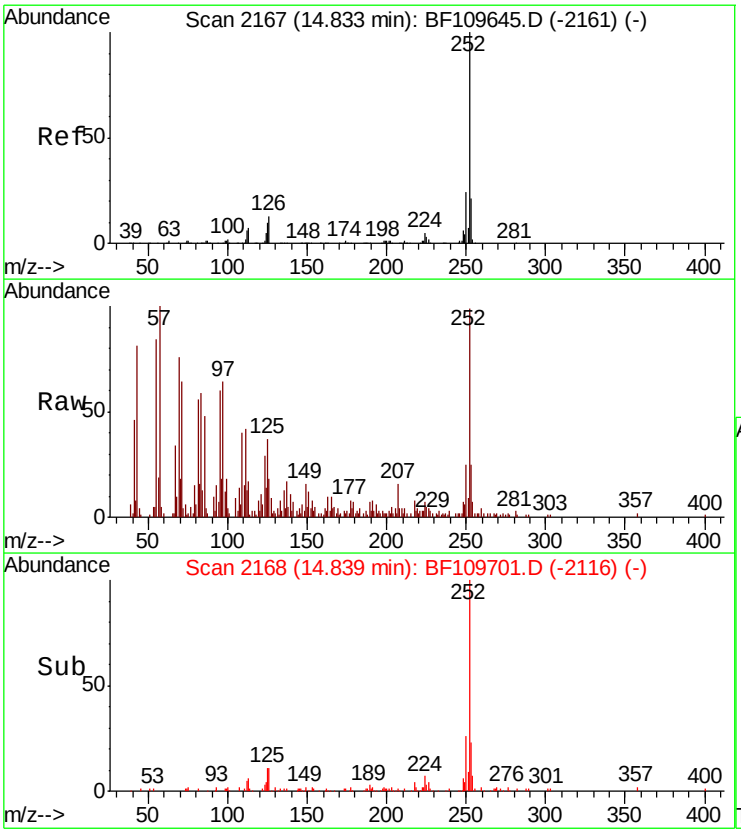
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 204306

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.3	16.7	25.1

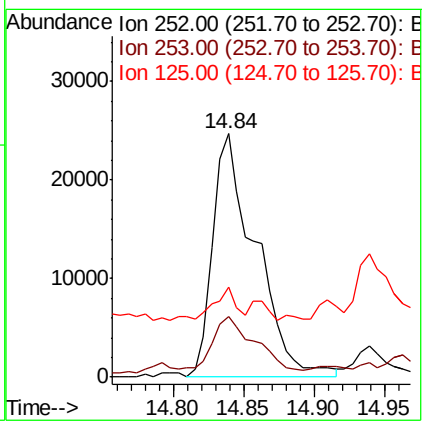


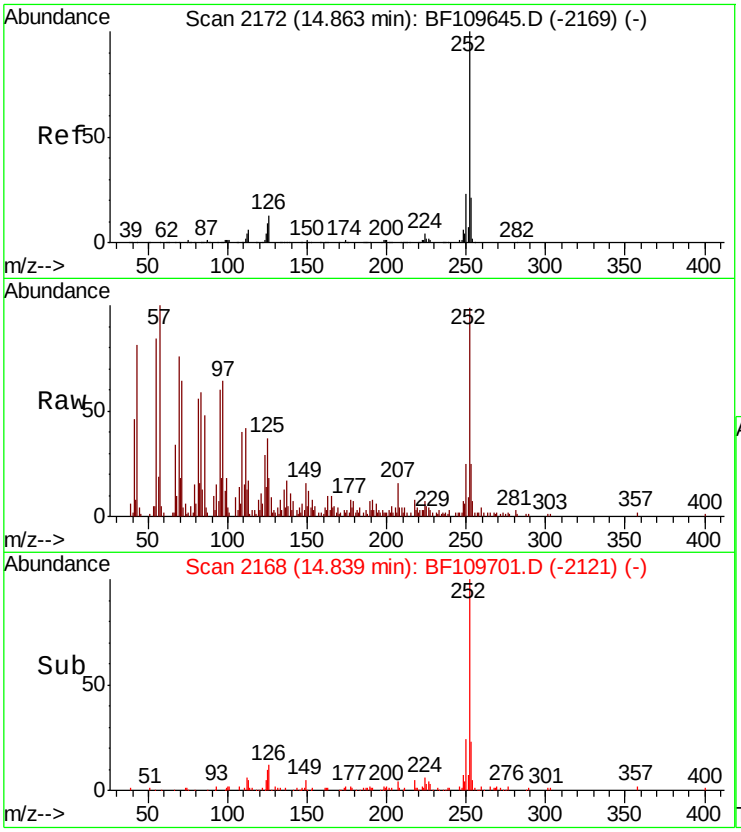


#87
Benzo(b)fluoranthene
Concen: 4.642 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion:252 Resp: 52406

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	37.1	8.2	12.4#



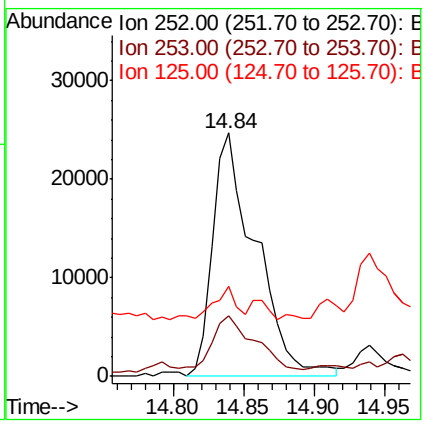


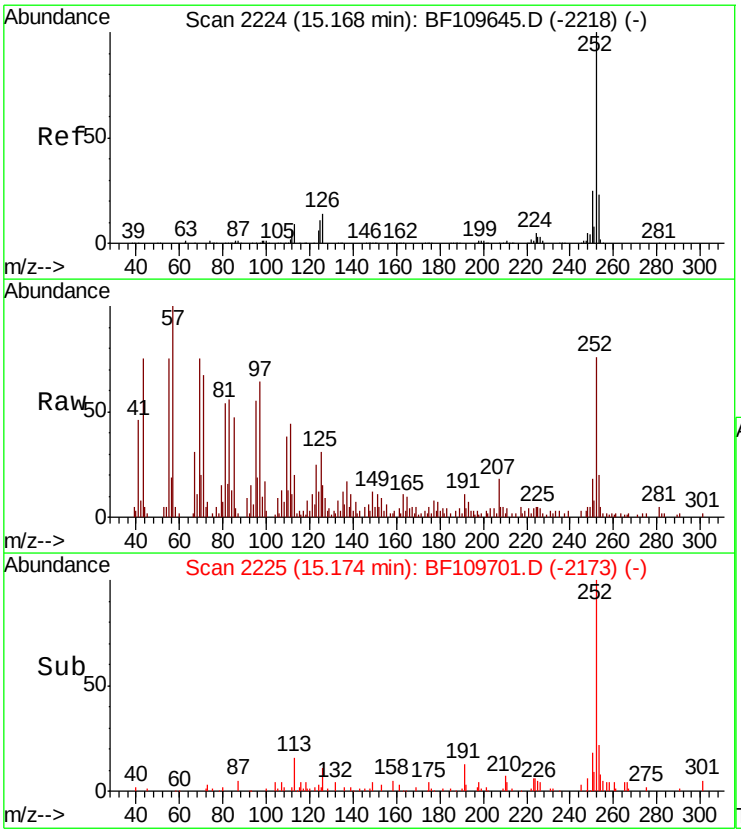
#88
Benzo(k)fluoranthene
Concen: 4.620 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 52406

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	37.1	7.4	11.0#

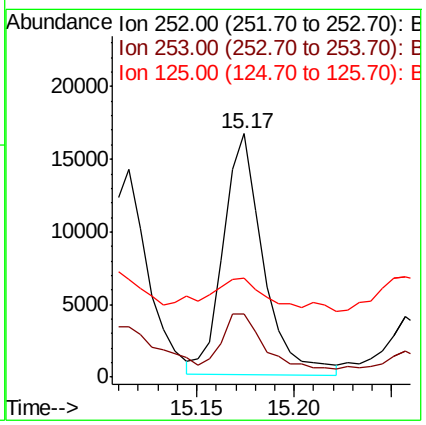


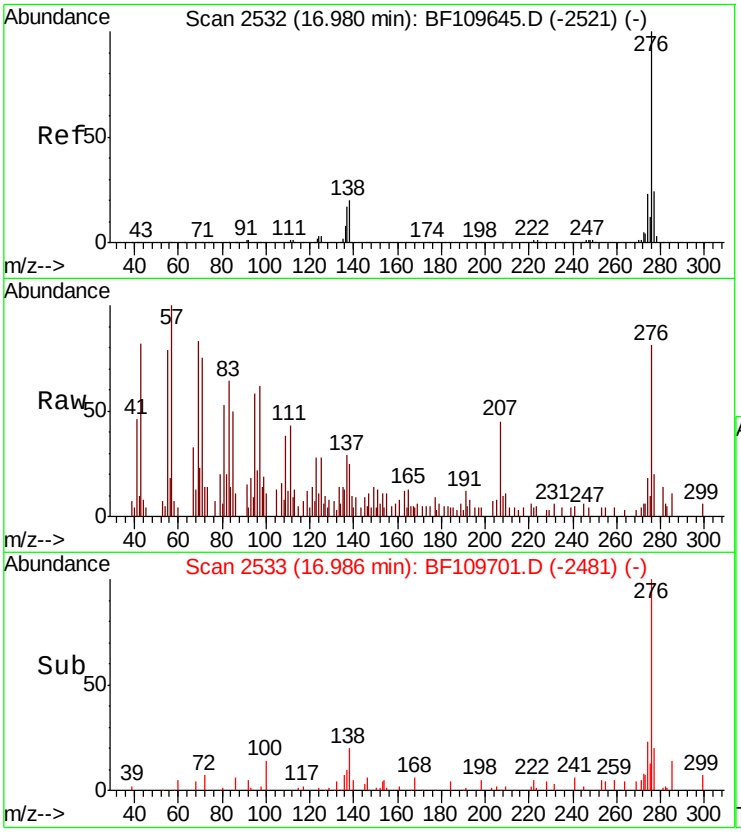


#89
Benzo(a)pyrene
Concen: 2.302 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion:252 Resp: 23584

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.4
125	40.8	9.0	13.6#





#91
Benzo(g,h,i)perylene
Concen: 2.109 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 17719

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	31.0	16.0	24.0#