Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109688.D
Acq On : 9 Oct 2018 10:43
Operator : JU/SJ
Sample : J5305-02DL2 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 11:19:19 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	77363	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	343010	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	135361	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	240099	20.00	ng		0.00
75) Chrysene-d12	13.83	240	207697	20.00	ng		0.00
86) Perylene-d12	15.23	264	168888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	351	0.08	ng		0.07
7) Phenol-d6	6.42	99	2113	0.36	ng		0.06
23) Nitrobenzene-d5	7.32	82	2390	0.38	ng		0.05
41) 2,4,6-Tribromophenol	10.52	330	1827	1.24	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	11821	1.20	ng		0.00
78) Terphenyl-d14	12.78	244	12326	1.15	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.73	163	32943	3.318	ng	#	1
50) 2,6-Dinitrotoluene	9.72	165	17393	8.082	ng	#	22
51) Acenaphthene	9.76	154	46874	5.987	ng		97
56) 2,4-Dinitrotoluene	9.72	165	17393	6.477	ng	#	18
57) Fluorene	10.27	166	18941	2.161	ng		96
70) Phenanthrene	11.23	178	92660	7.712	ng		99
71) Anthracene	11.23	178	92660	7.460	ng		99
74) Fluoranthene	12.41	202	660000	52.580	ng		99
77) Pyrene	12.63	202	421046	27.669	ng		98
80) Benzo(a)anthracene	13.82	228	100095	8.733	ng		98
82) Chrysene	13.85	228	87707	7.285	ng		97
87) Benzo(b)fluoranthene	14.83	252	66299	7.104	ng		98
88) Benzo(k)fluoranthene	14.83	252	66299	7.070	ng	#	97
89) Benzo(a)pyrene	15.17	252	19177	2.264	ng	#	96

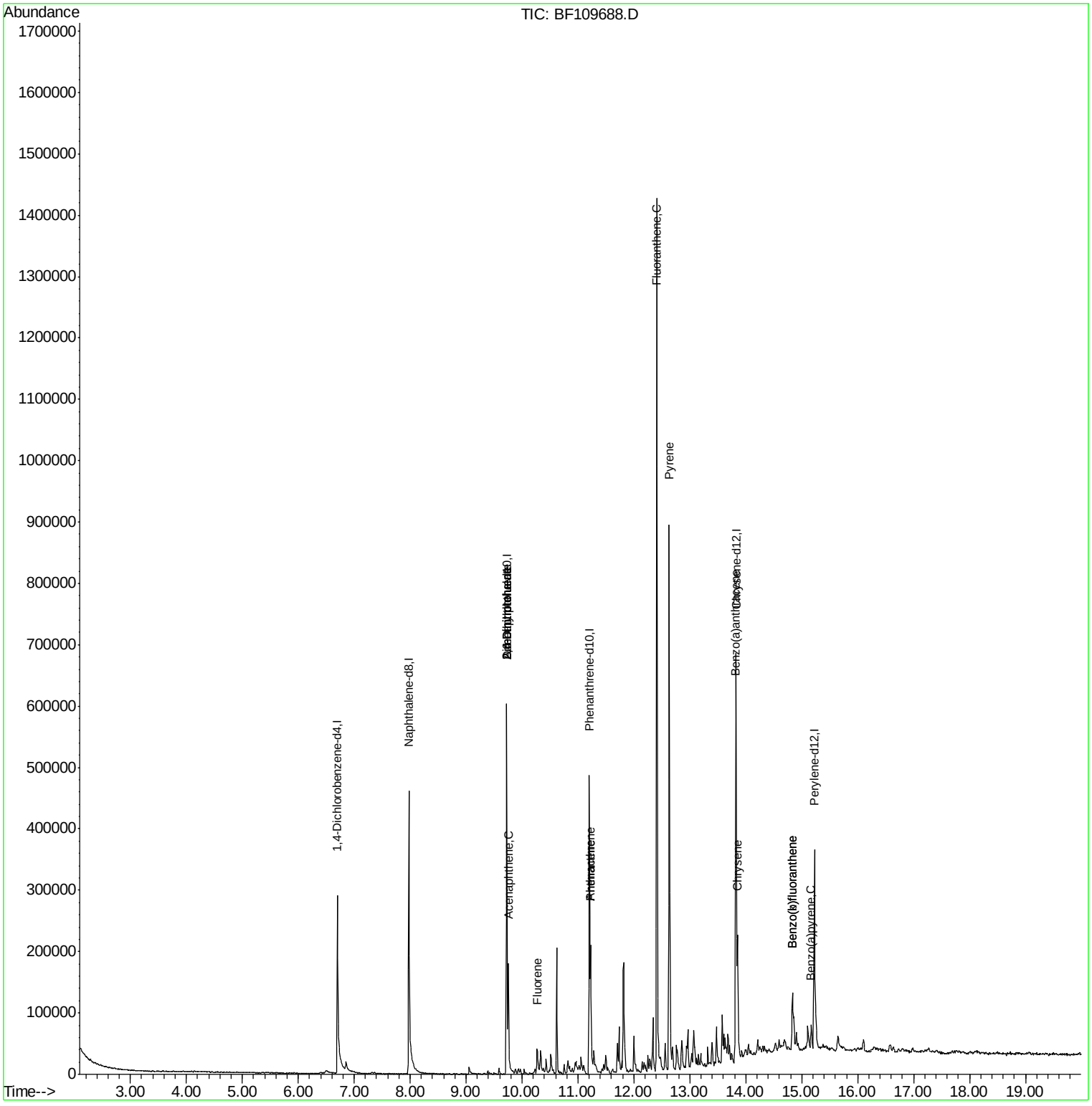
(#) = qualifier out of range (m) = manual integration (+) = signals summed

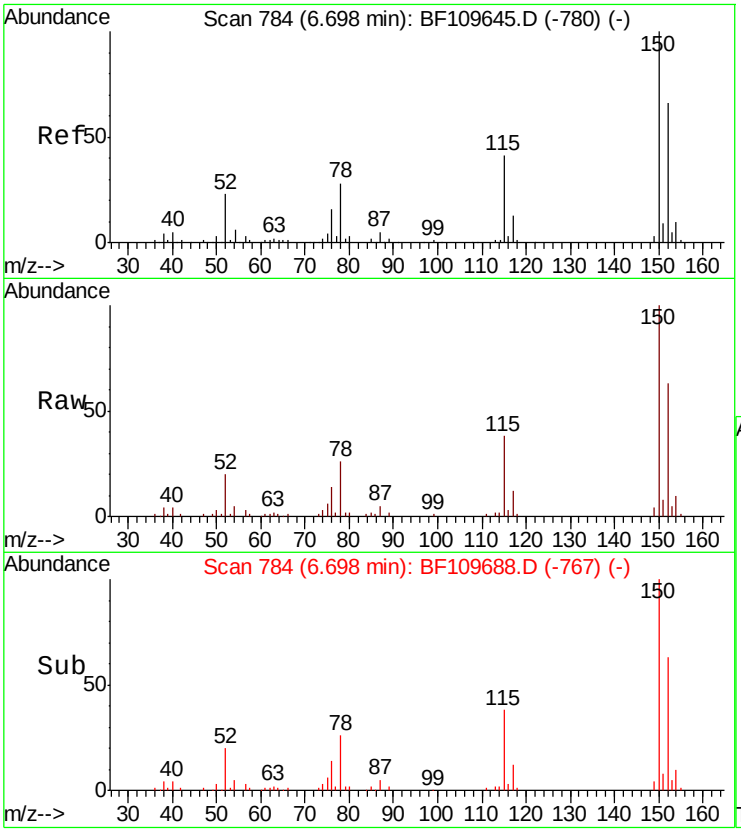
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109688.D
Acq On : 9 Oct 2018 10:43
Operator : JU/SJ
Sample : J5305-02DL2 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 09 11:19:19 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



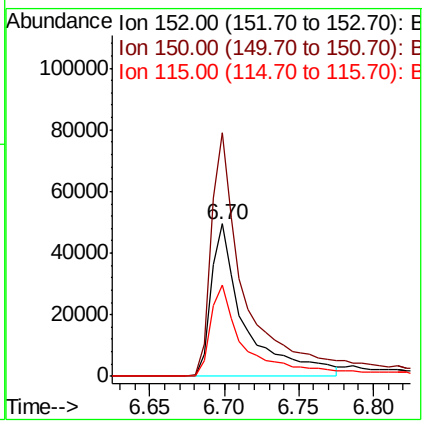


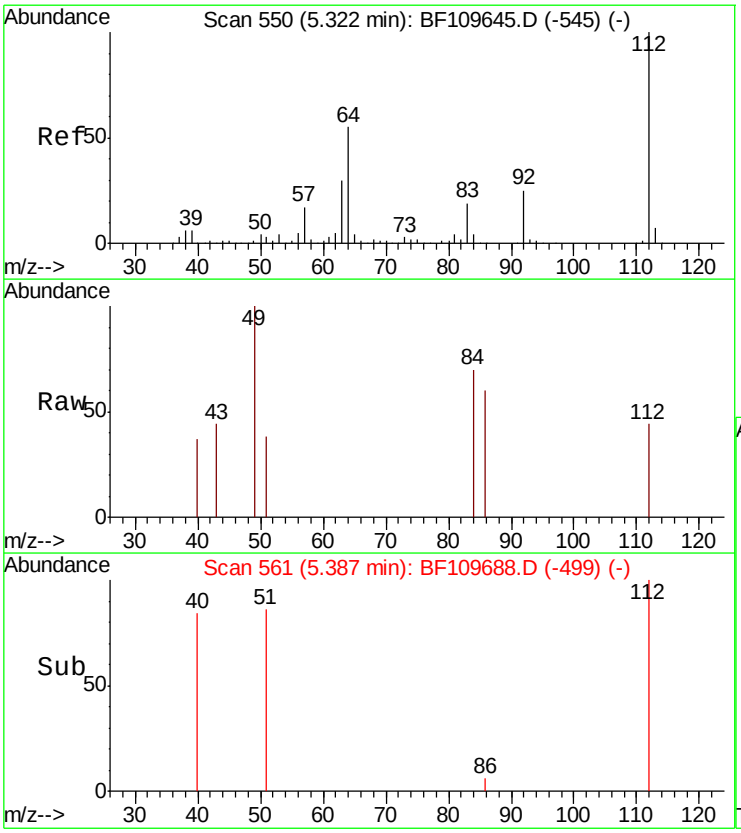
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 77363

Ion	Ratio	Lower	Upper
152	100		
150	159.7	122.7	184.1
115	60.2	49.1	73.7

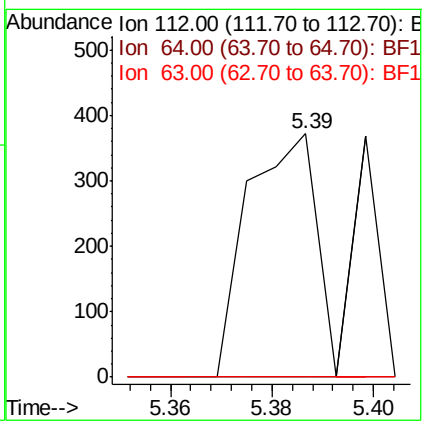


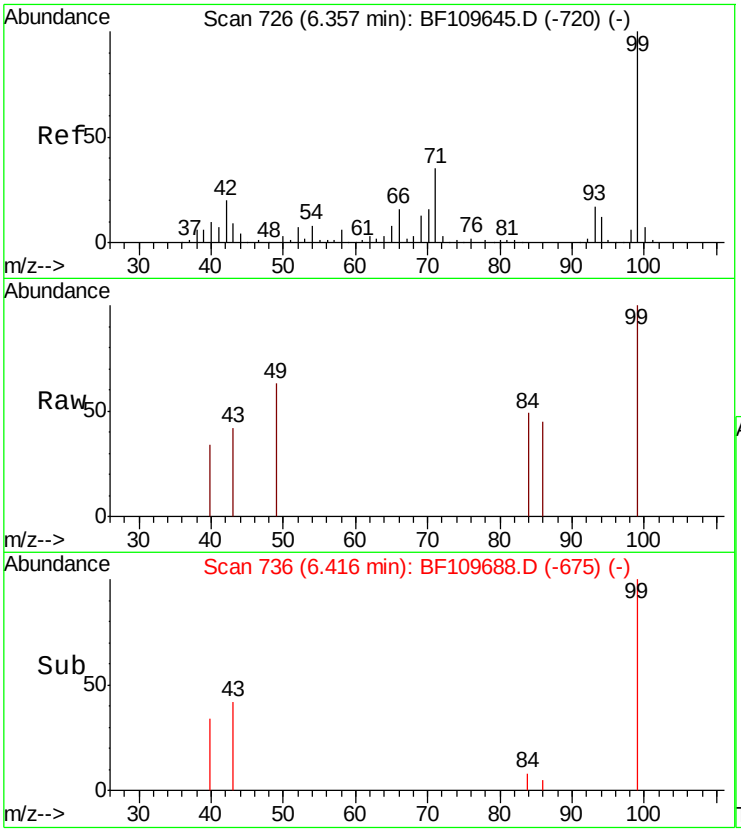


#5
2-Fluorophenol
Concen: 0.081 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.07 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:112 Resp: 351

Ion	Ratio	Lower	Upper
112	100		
64	0.0	44.1	66.1#
63	0.0	23.7	35.5#



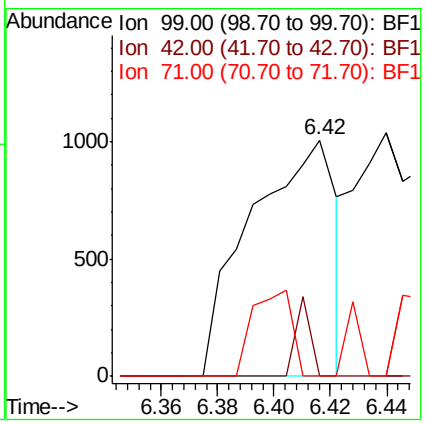


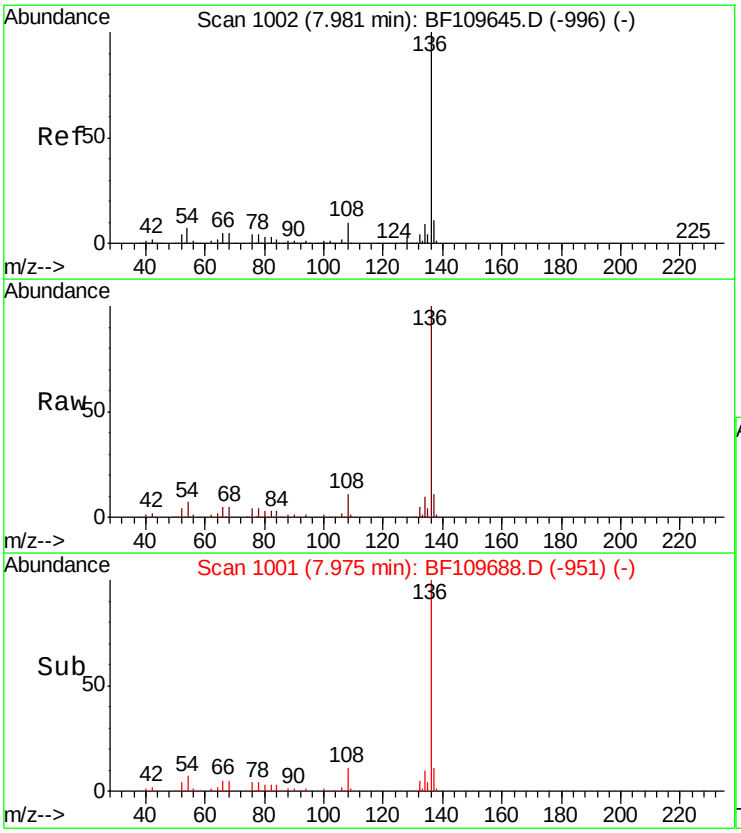
#7
Phenol-d6
Concen: 0.363 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.06 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2113

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	0.0	28.0	42.0#

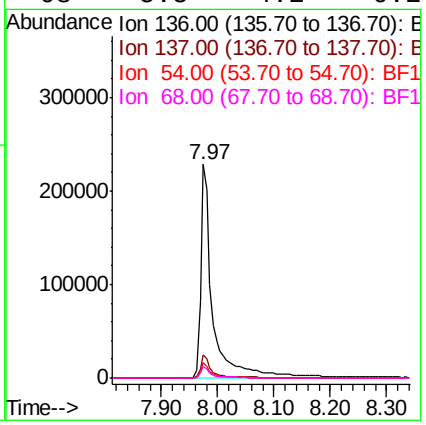


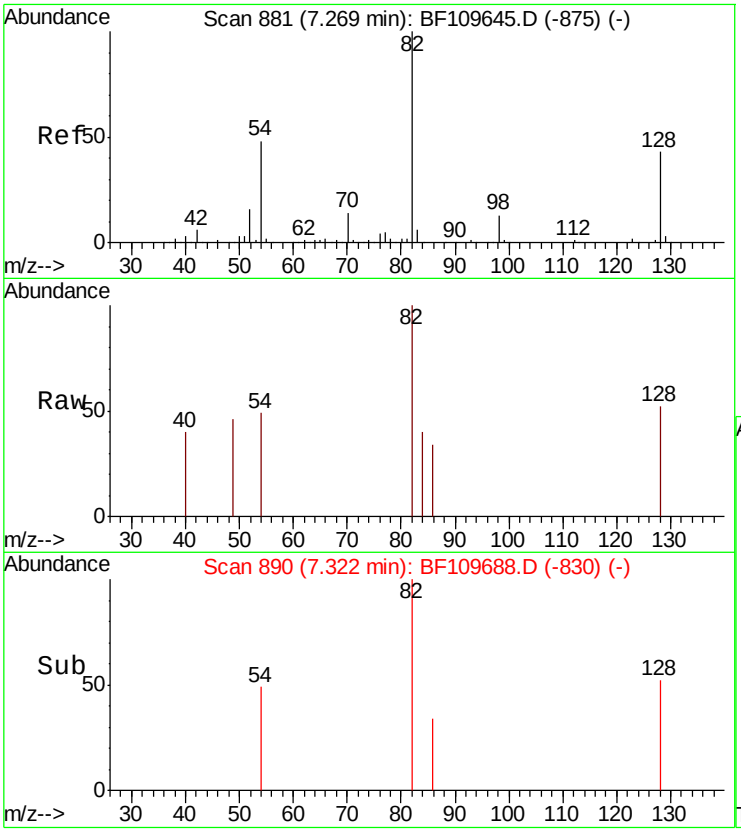


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:136 Resp: 343010

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.2	5.4	8.2
68	5.5	4.2	6.2



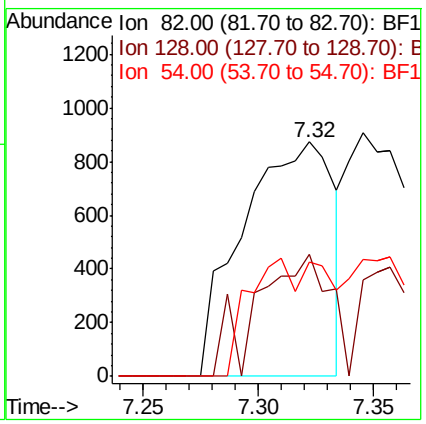


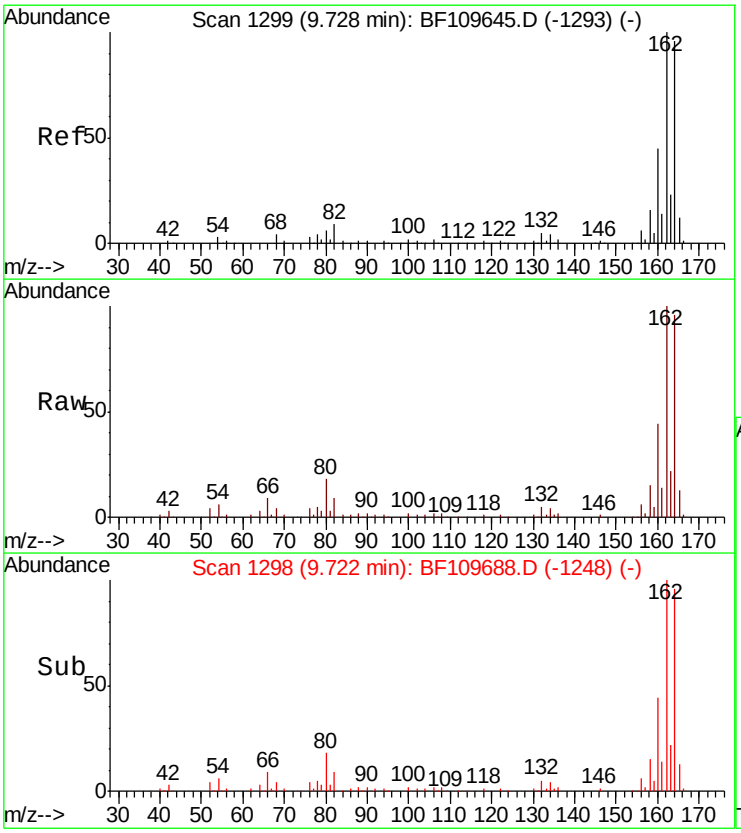
#23
Nitrobenzene-d5
Concen: 0.384 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.05 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 2390

Ion	Ratio	Lower	Upper
82	100		
128	51.9	34.2	51.2#
54	49.0	38.6	58.0

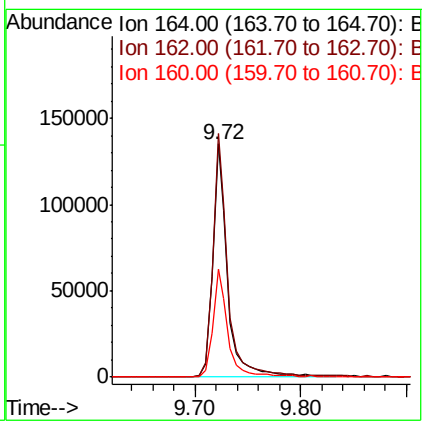


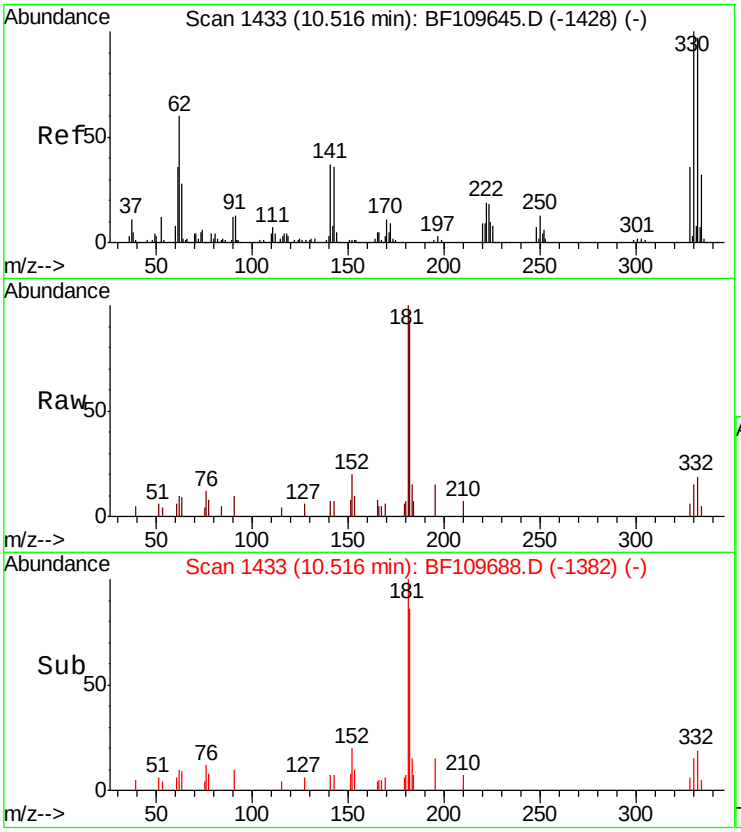


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:164 Resp: 135361

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	46.4	37.0	55.6



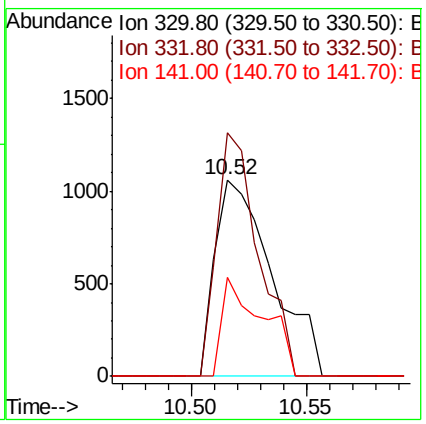


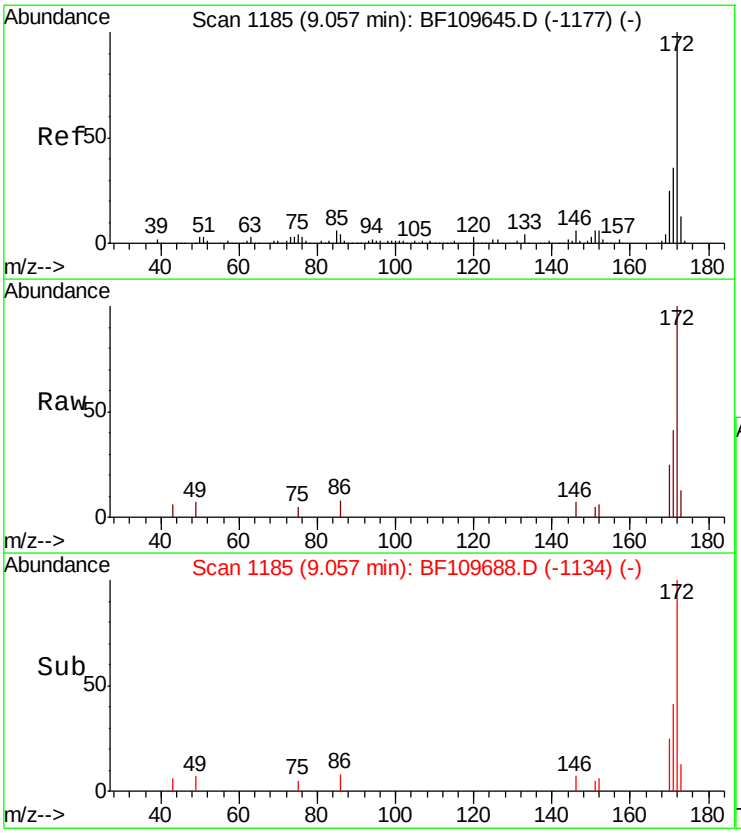
#41
2,4,6-Tribromophenol
Concen: 1.239 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 1827

Ion	Ratio	Lower	Upper
330	100		
332	90.8	77.1	115.7
141	36.2	27.0	40.4

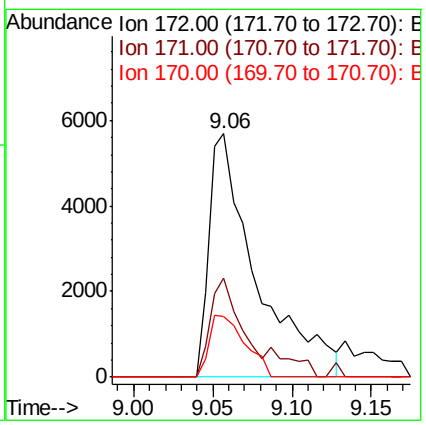


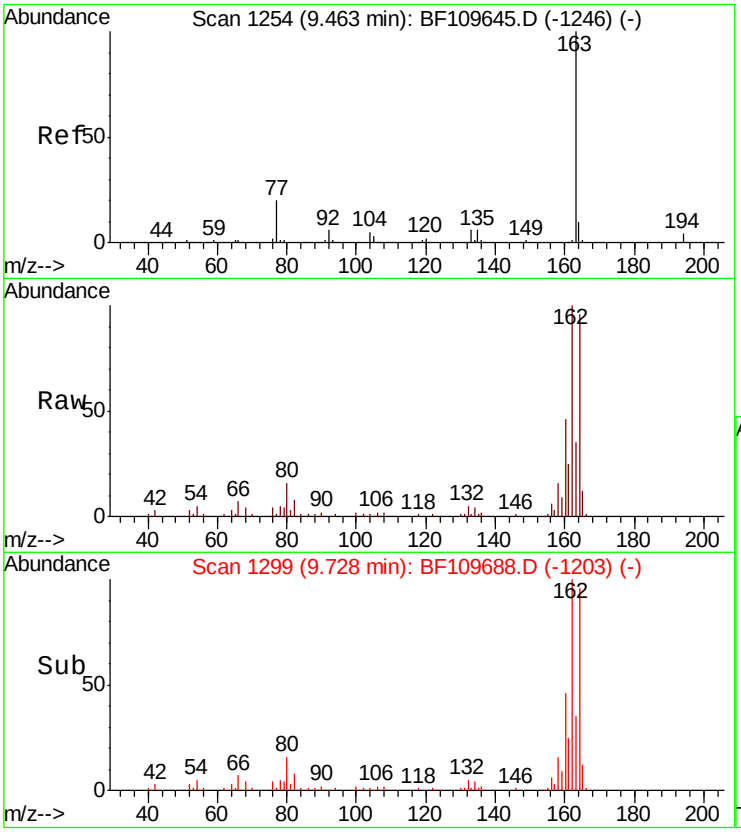


#44
2-Fluorobiphenyl
Concen: 1.203 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:172 Resp: 11821

Ion	Ratio	Lower	Upper
172	100		
171	40.7	28.6	43.0
170	25.1	19.7	29.5



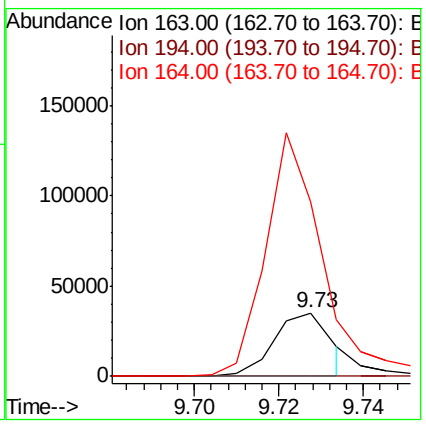


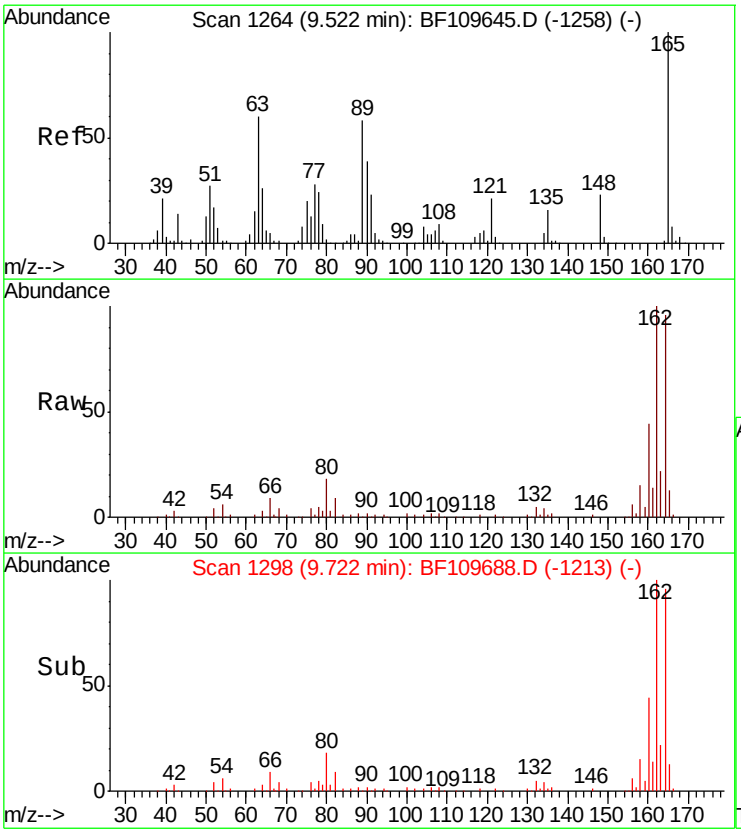
#49
Dimethylphthalate
Concen: 3.318 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.26 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 32943

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	275.6	8.1	12.1#

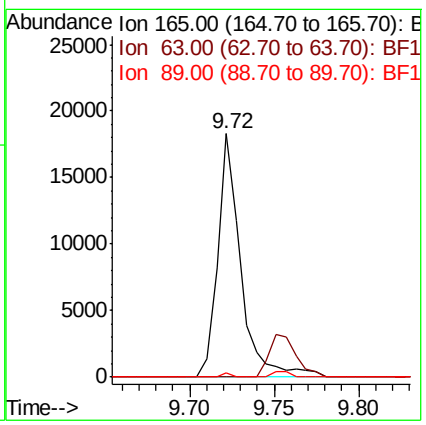


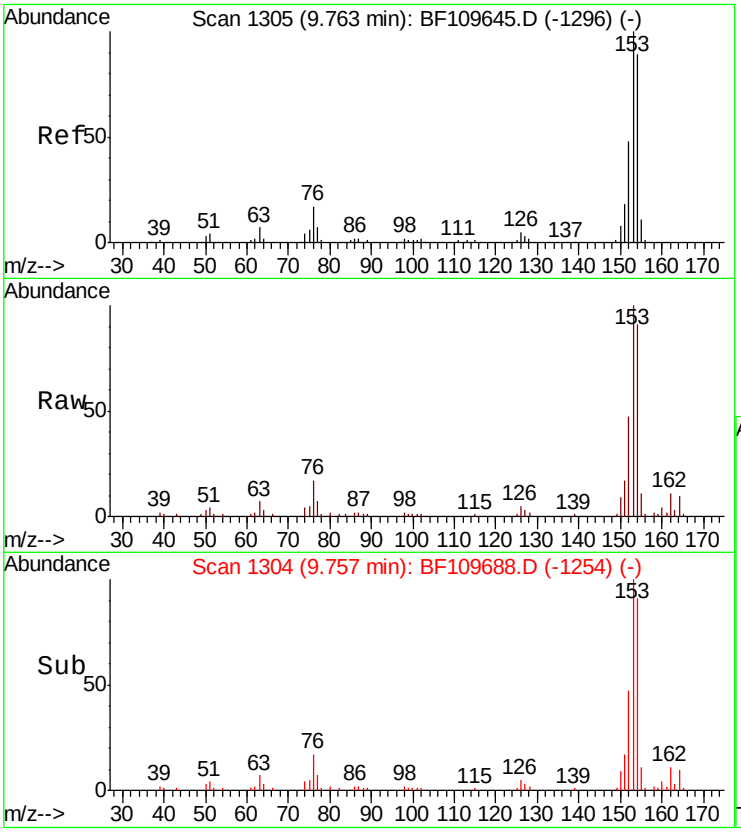


#50
2,6-Dinitrotoluene
Concen: 8.082 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:165 Resp: 17393

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.7	46.6	69.8#



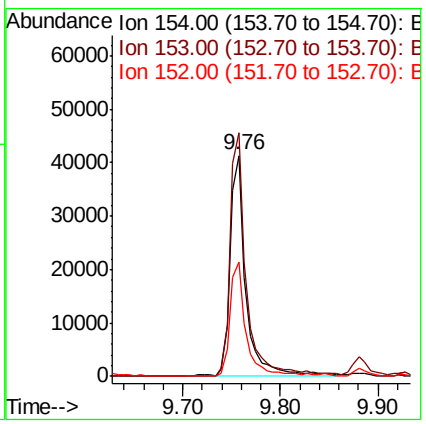


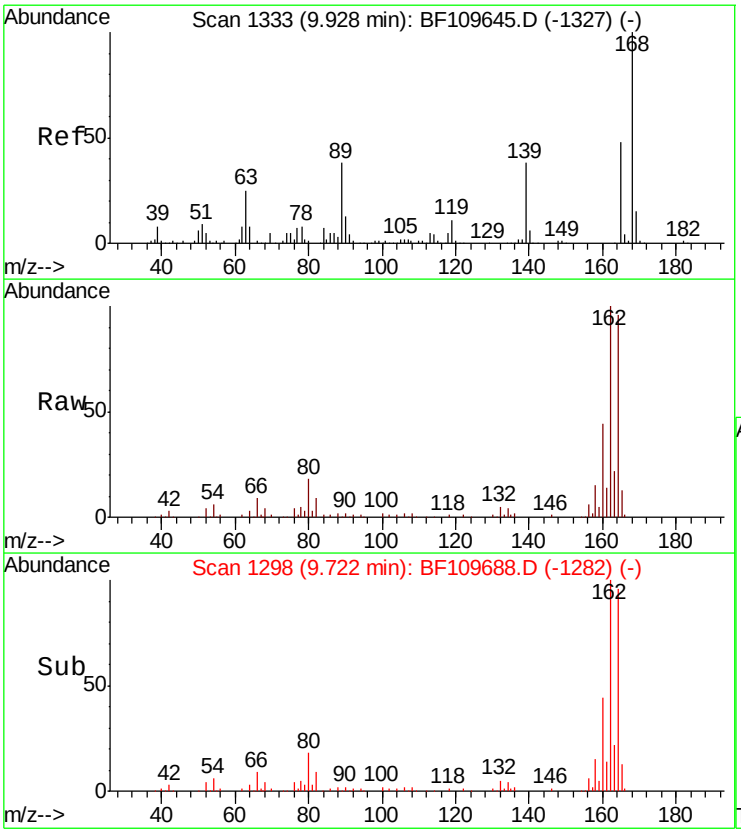
#51
Acenaphthene
Concen: 5.987 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 46874

Ion	Ratio	Lower	Upper
154	100		
153	110.4	90.1	135.1
152	51.6	43.4	65.2

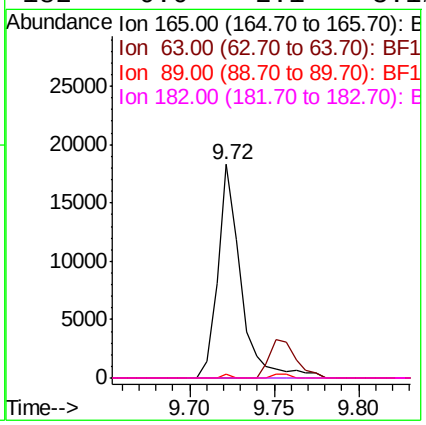


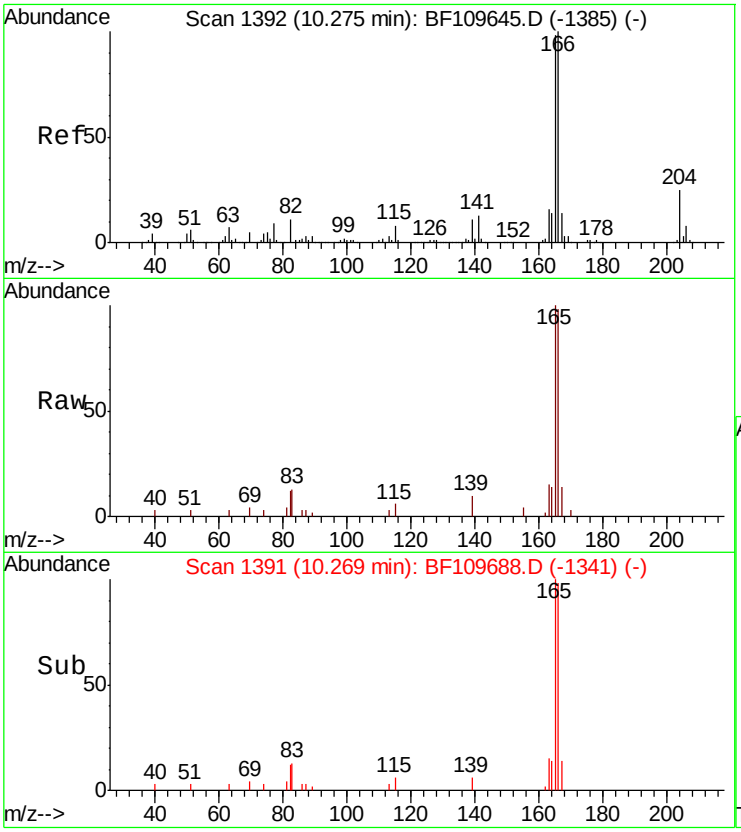


#56
2,4-Dinitrotoluene
Concen: 6.477 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:165 Resp: 17393

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



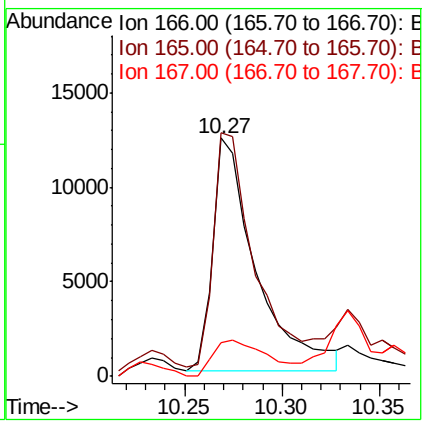


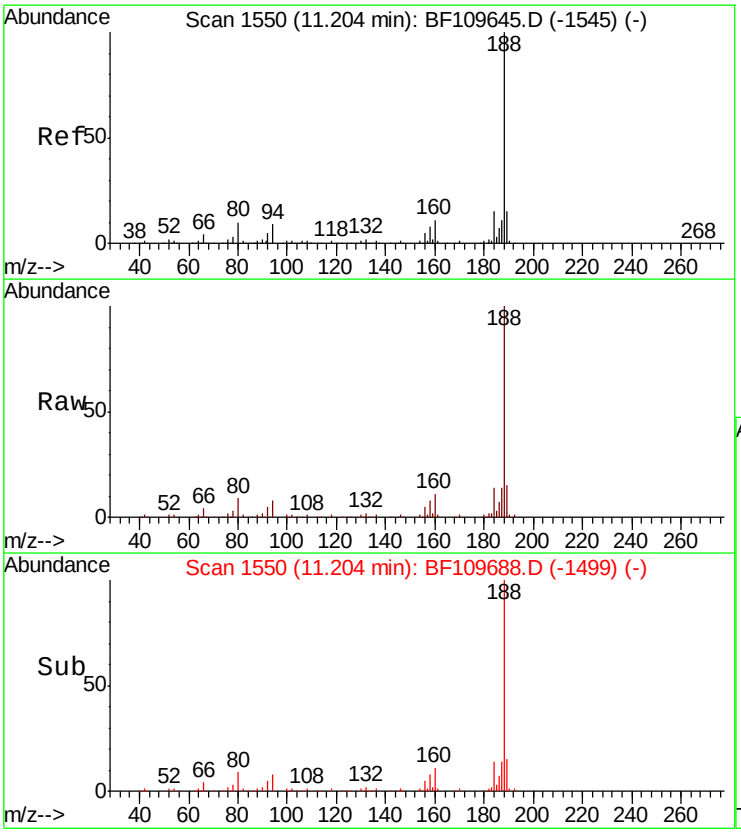
#57
Fluorene
Concen: 2.161 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 18941

Ion	Ratio	Lower	Upper
166	100		
165	102.1	78.6	117.8
167	14.0	10.8	16.2

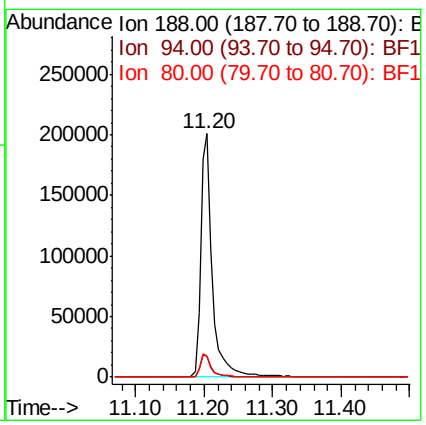


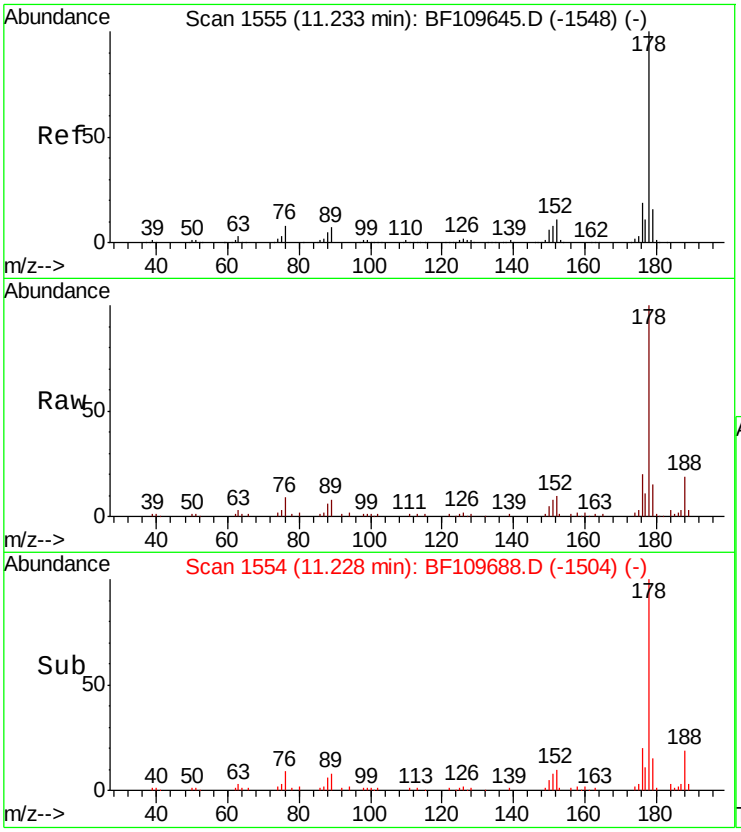


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:188 Resp: 240099

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.7	7.9	11.9



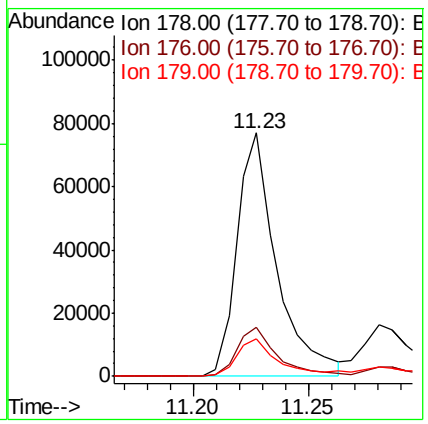


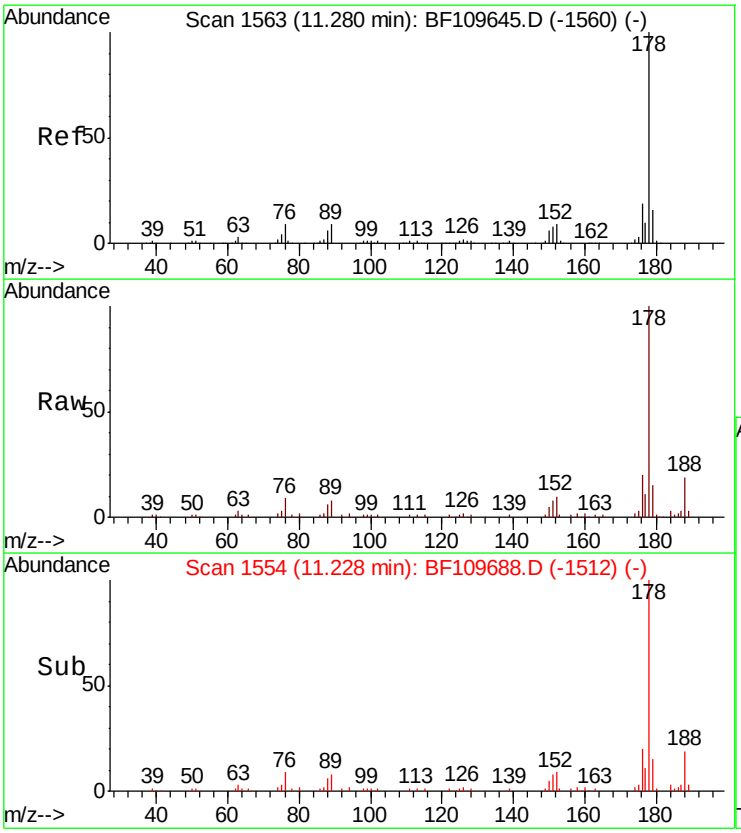
#70
Phenanthrene
Concen: 7.712 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 92660

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	15.3	12.5	18.7

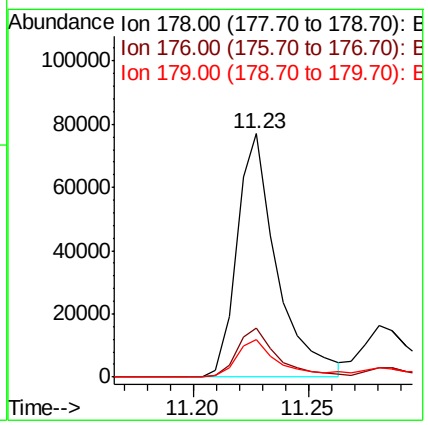


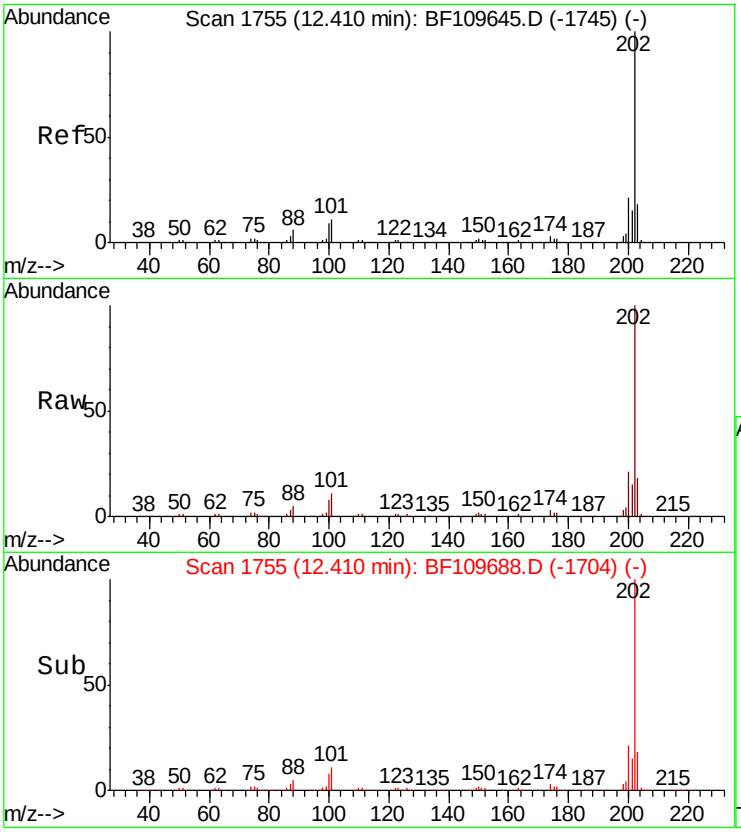


#71
Anthracene
Concen: 7.460 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.05 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:178 Resp: 92660

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	15.3	12.6	18.8



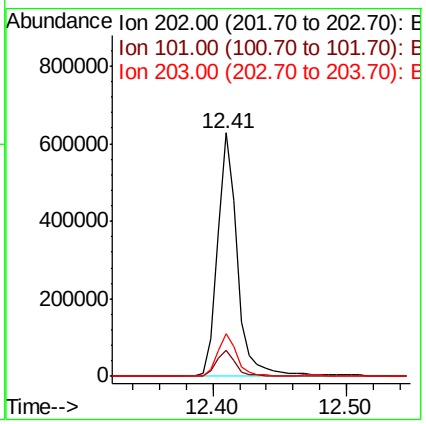


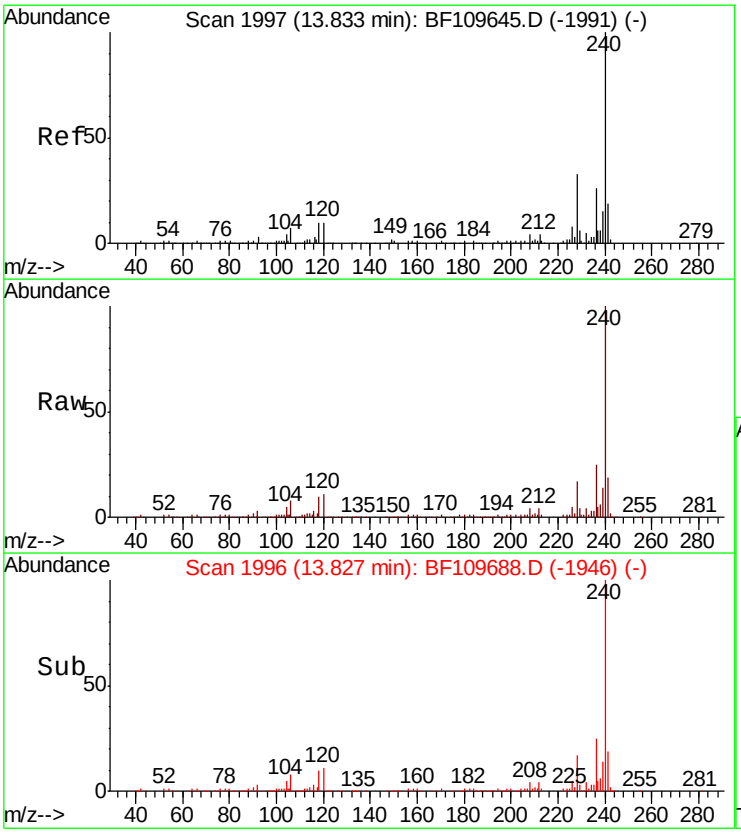
#74
Fluoranthene
Concen: 52.580 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 660000

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.7	0.0	37.7

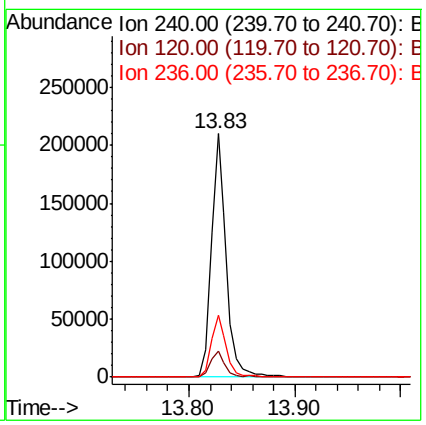


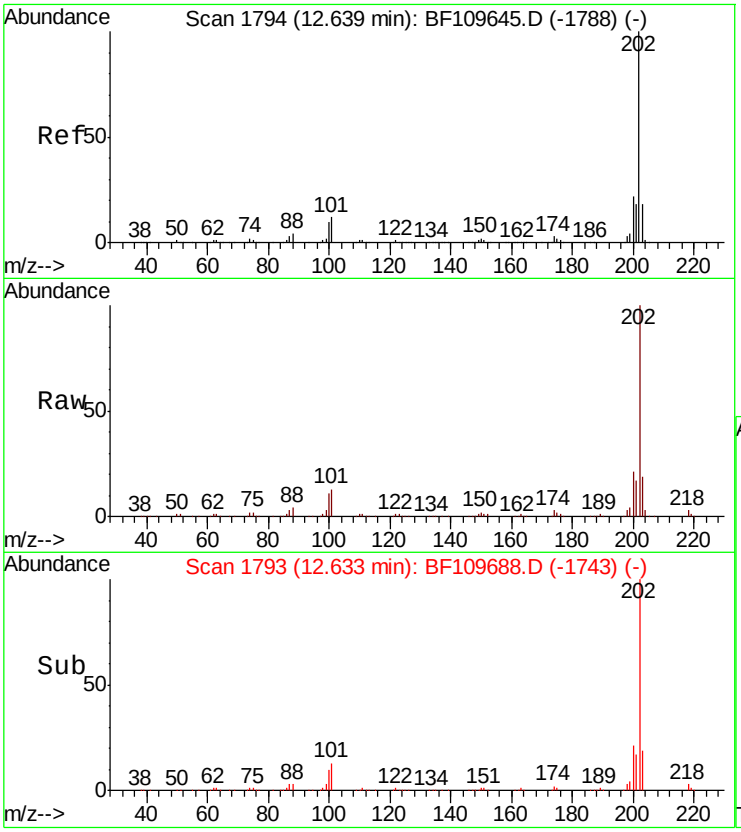


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:240 Resp: 207697

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.4	21.2	31.8



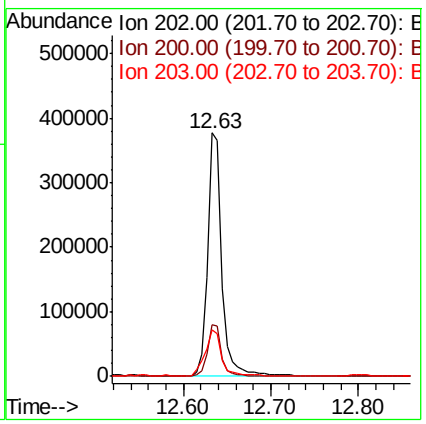


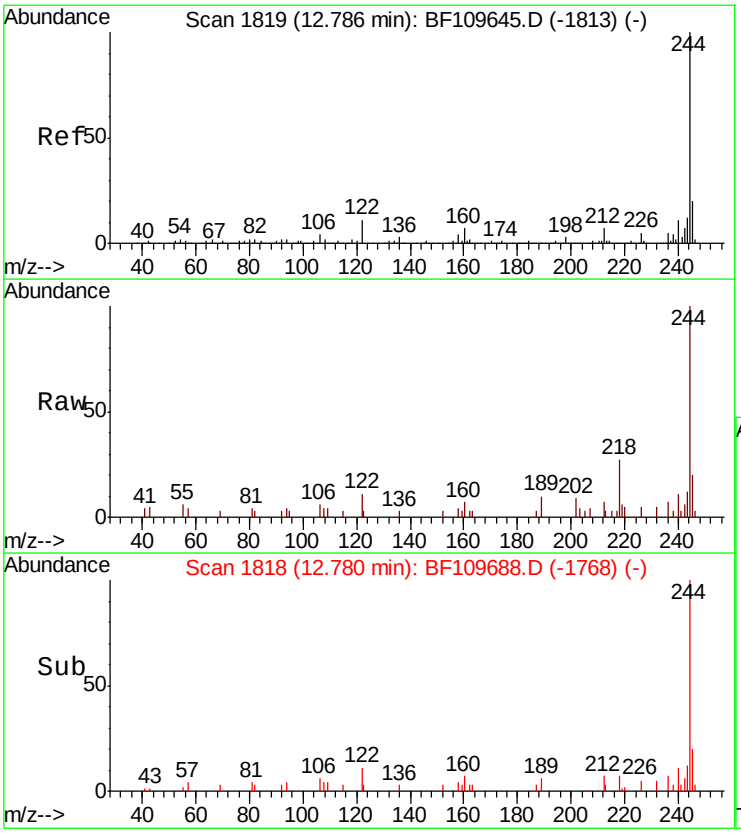
#77
Pyrene
Concen: 27.669 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 421046

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	19.1	14.2	21.4

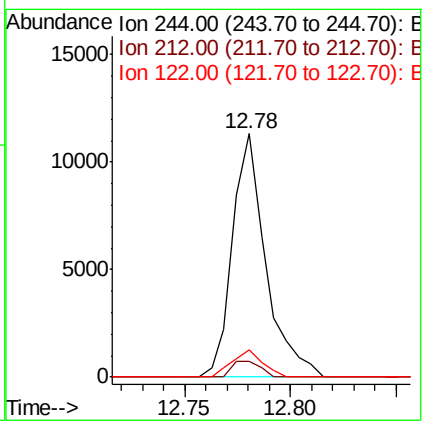


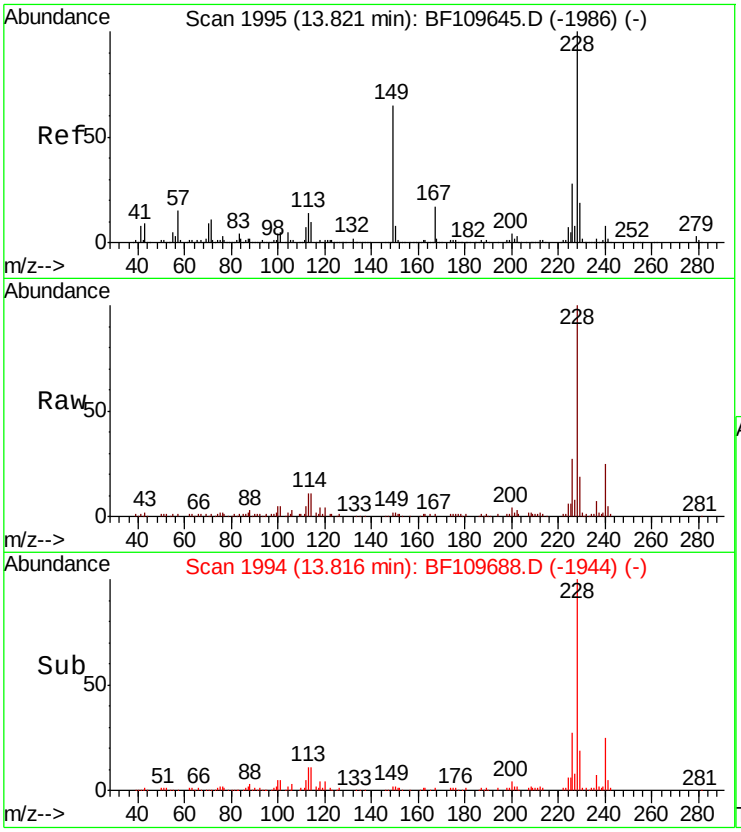


#78
Terphenyl-d14
Concen: 1.149 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:244 Resp: 12326

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	14.3	8.7	13.1#



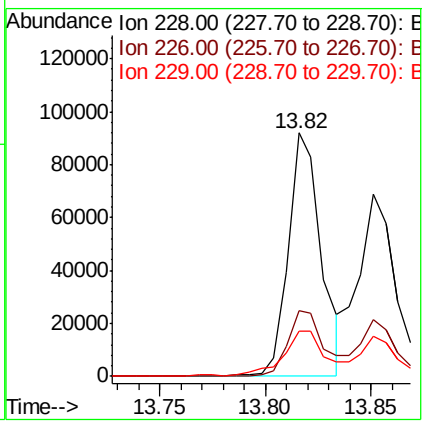


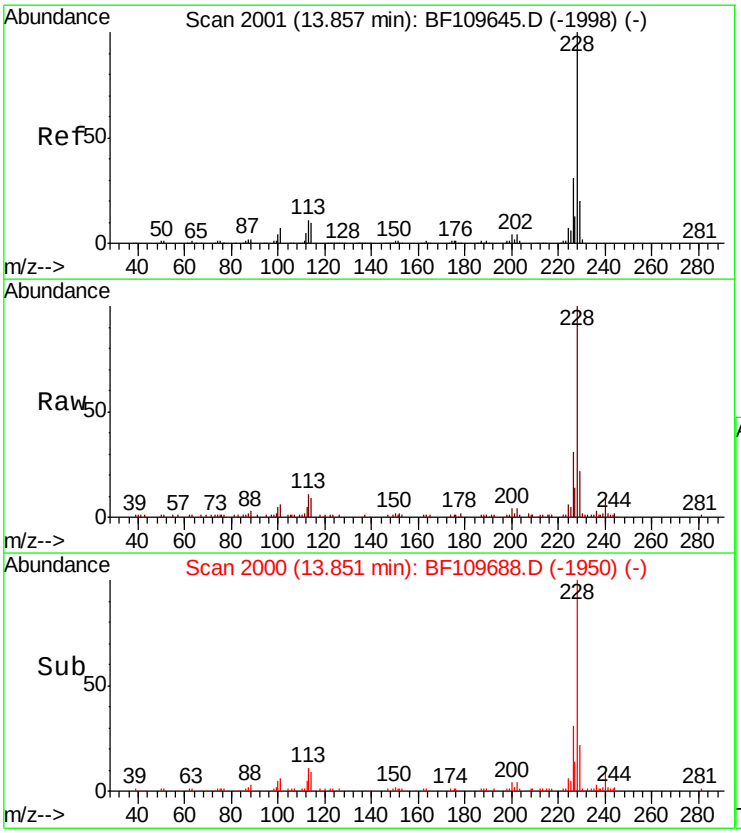
#80
Benzo(a)anthracene
Concen: 8.733 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 100095

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.1	33.1
229	18.8	15.6	23.4

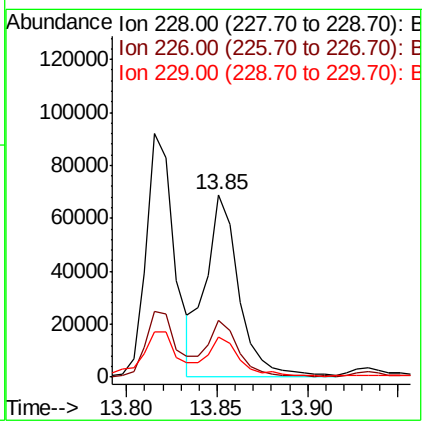


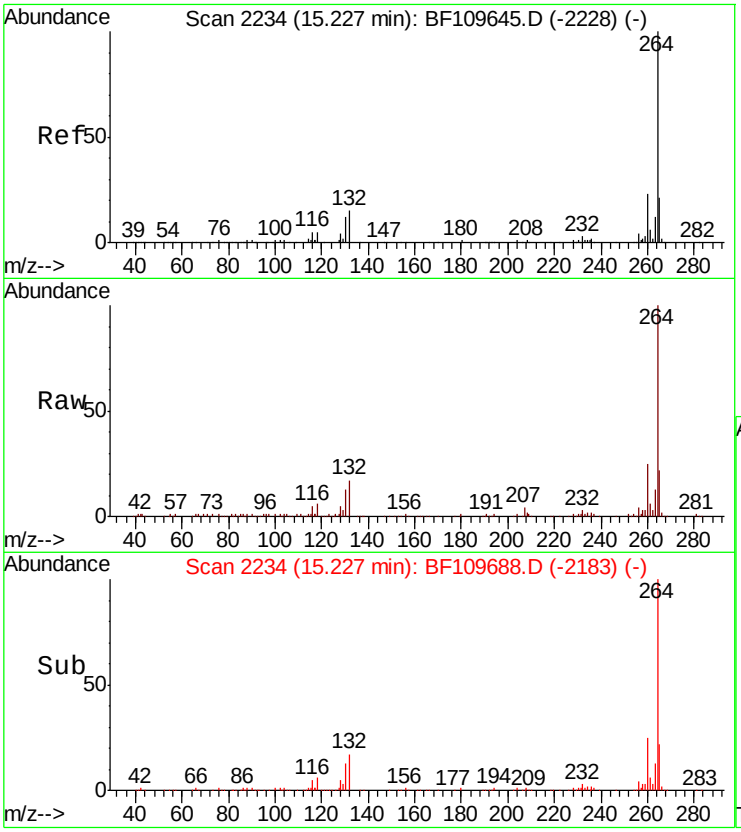


#82
Chrysene
Concen: 7.285 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:228 Resp: 87707

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	22.3	15.9	23.9



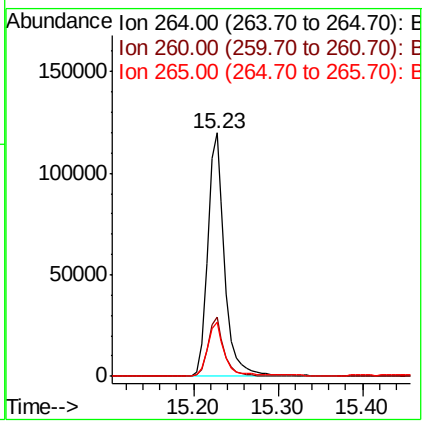


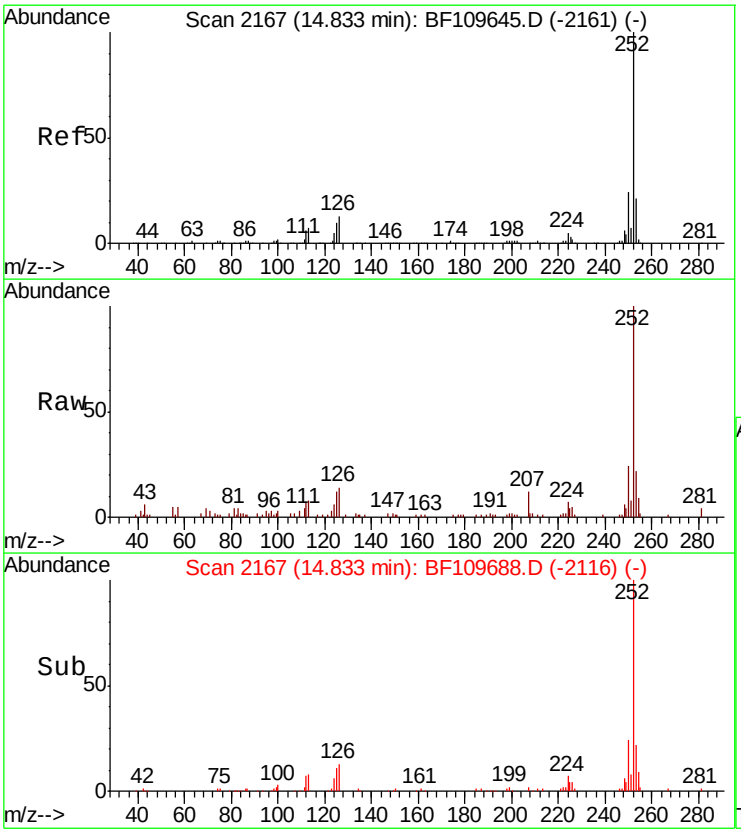
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 168888

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.4	16.7	25.1

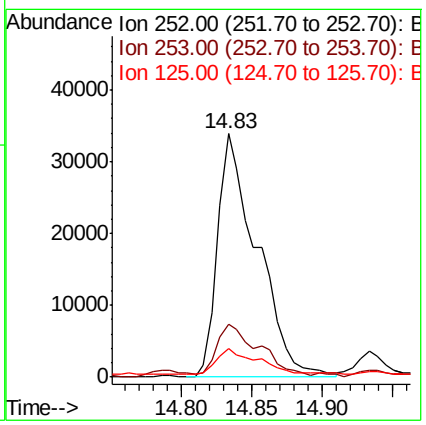


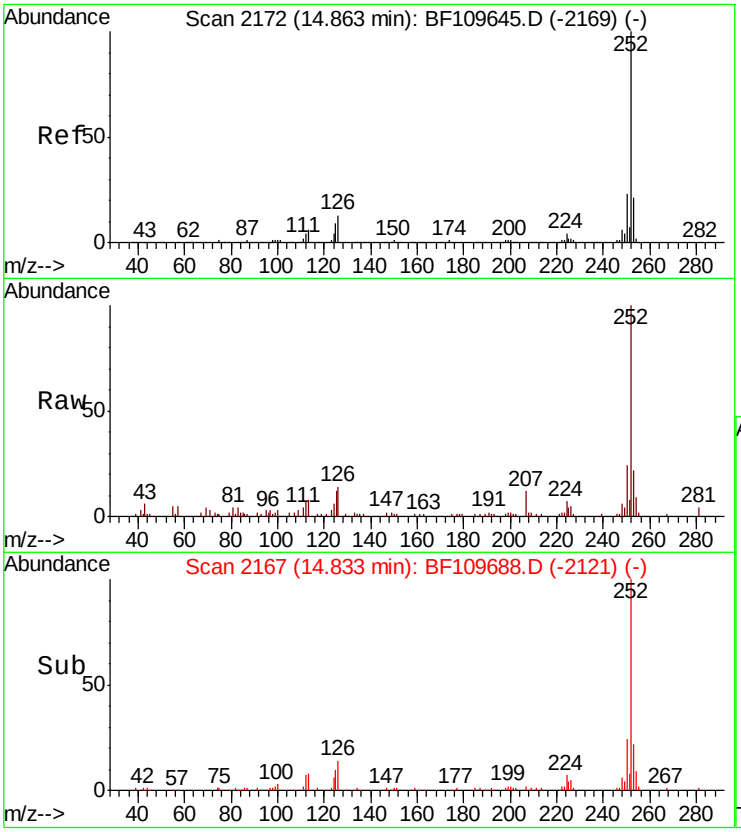


#87
Benzo(b)fluoranthene
Concen: 7.104 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:252 Resp: 66299

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.8	8.2	12.4



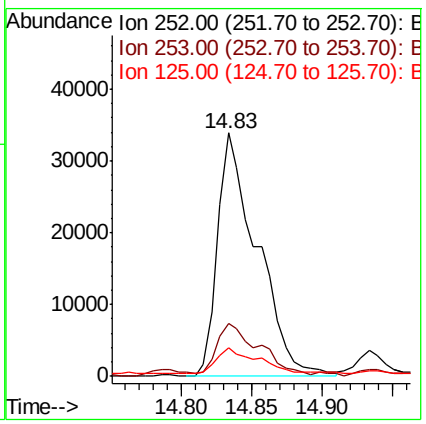


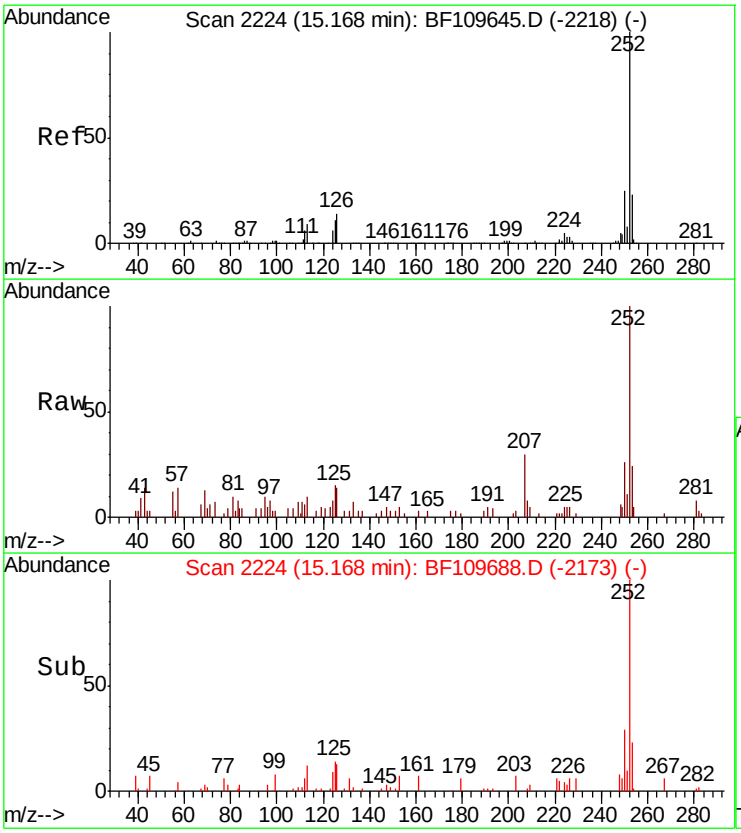
#88
Benzo(k)fluoranthene
Concen: 7.070 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 66299

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.8	7.4	11.0#





#89
Benzo(a)pyrene
Concen: 2.264 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF109688.D
Acq: 9 Oct 2018 10:43

Tgt Ion:252 Resp: 19177

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	15.0	9.0	13.6#