Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108696.D
Acq On : 31 Aug 2018 18:29
Operator : JU/SJ
Sample : J4720-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 01 03:47:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	68645	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	314758	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	138904	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	221922	20.00	ng		0.00
75) Chrysene-d12	14.20	240	229066	20.00	ng		0.00
86) Perylene-d12	15.75	264	165746	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	6671	1.69	ng		0.07
7) Phenol-d6	6.67	99	18898	3.34	ng		0.02
23) Nitrobenzene-d5	7.60	82	58134	9.37	ng		0.03
41) 2,4,6-Tribromophenol	10.85	330	19436	10.60	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	113647	11.00	ng		0.00
78) Terphenyl-d14	13.13	244	109702	9.30	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.60	82	58134	5.643	ng	#	64
49) Dimethylphthalate	9.75	163	41251	3.771	ng	#	98
55) 4-Nitrophenol	10.26	139	403	4.988	ng	#	1
70) Phenanthrene	11.57	178	84129	7.510	ng	#	83
74) Fluoranthene	12.77	202	98651	7.824	ng		82
77) Pyrene	13.01	202	77040	4.474	ng	#	86
82) Chrysene	14.23	228	38893	2.896	ng	#	92
87) Benzo(b)fluoranthene	15.29	252	55870	5.487	ng	#	91
88) Benzo(k)fluoranthene	15.29	252	55870	5.539	ng		94
89) Benzo(a)pyrene	15.69	252	23700	2.576	ng	#	92
91) Benzo(g,h,i)perylene	17.88	276	16916	2.368	ng	#	88

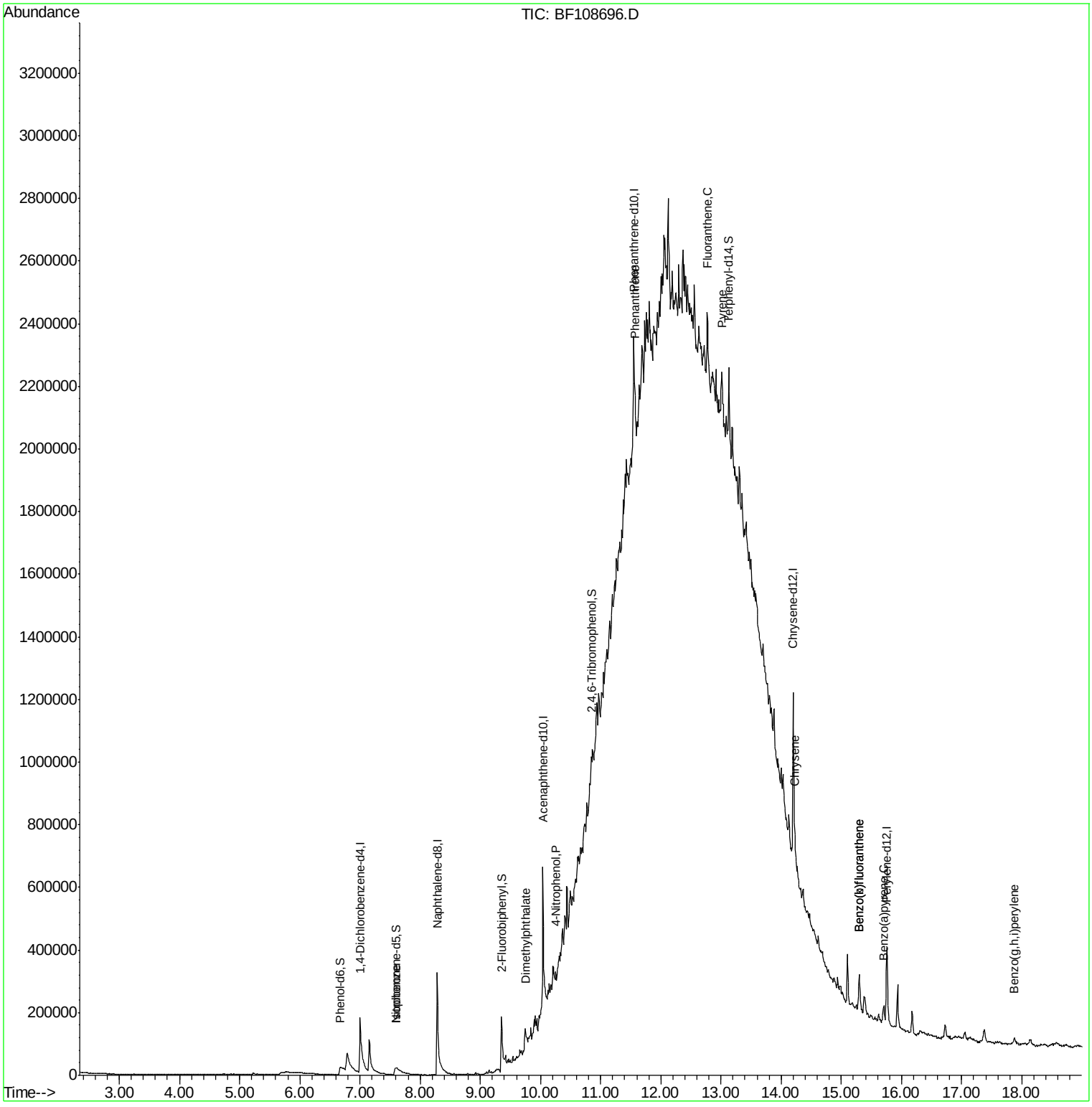
(#) = qualifier out of range (m) = manual integration (+) = signals summed

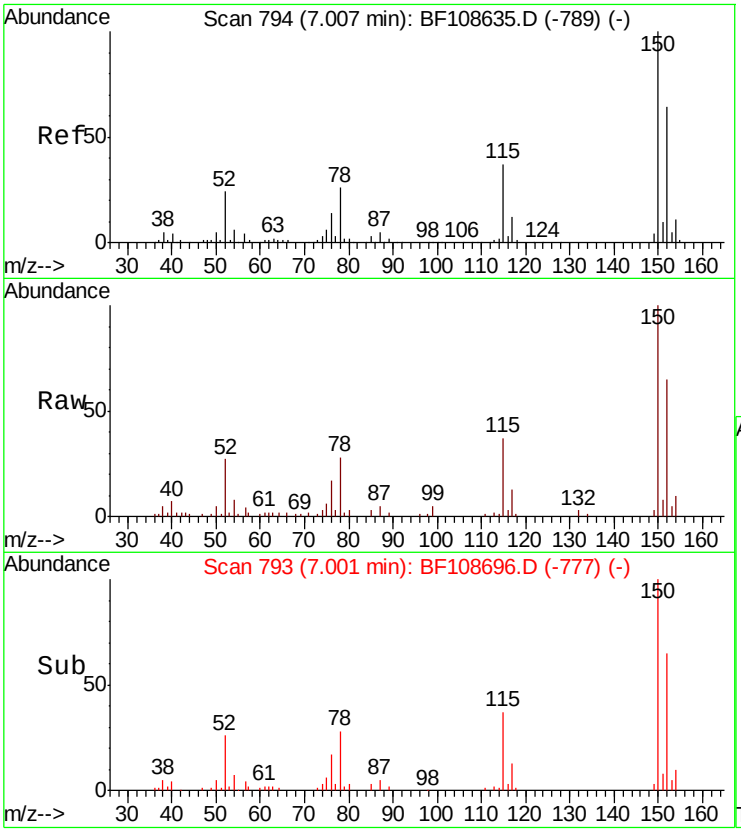
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108696.D
Acq On : 31 Aug 2018 18:29
Operator : JU/SJ
Sample : J4720-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 01 03:47:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration



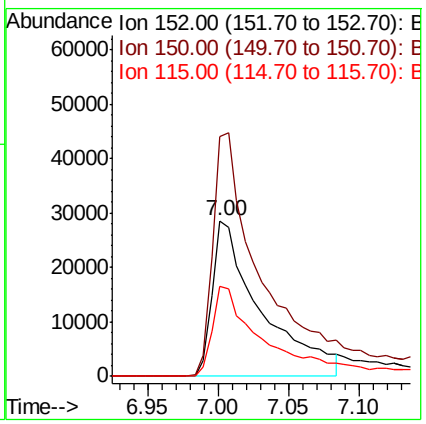


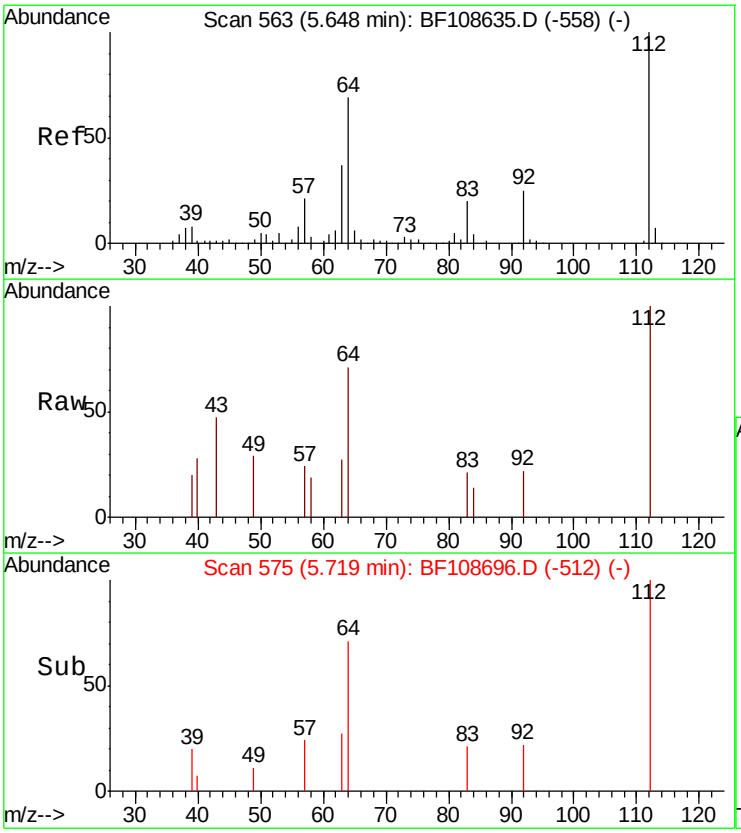
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 68645

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	57.5	50.1	75.1

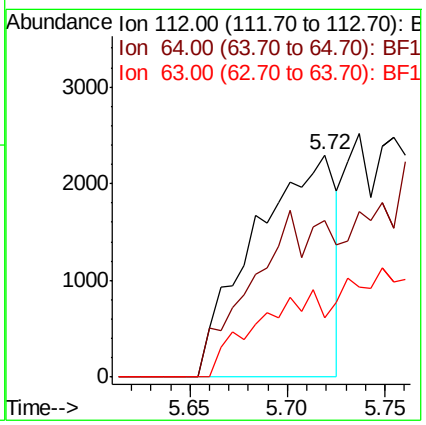


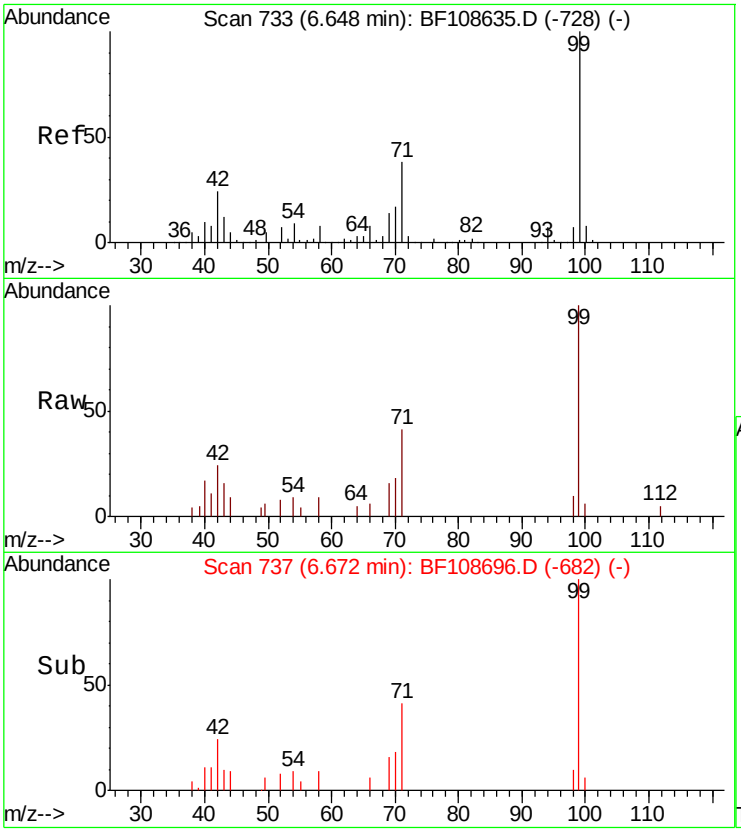


#5
2-Fluorophenol
Concen: 1.688 ng
RT: 5.72 min Scan# 575
Delta R.T. 0.07 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Tgt Ion:112 Resp: 6671

Ion	Ratio	Lower	Upper
112	100		
64	70.6	47.9	71.9
63	26.7	23.7	35.5



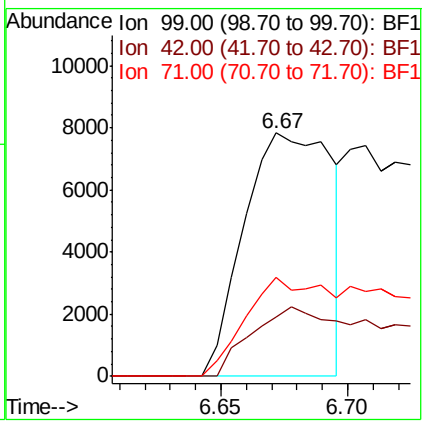


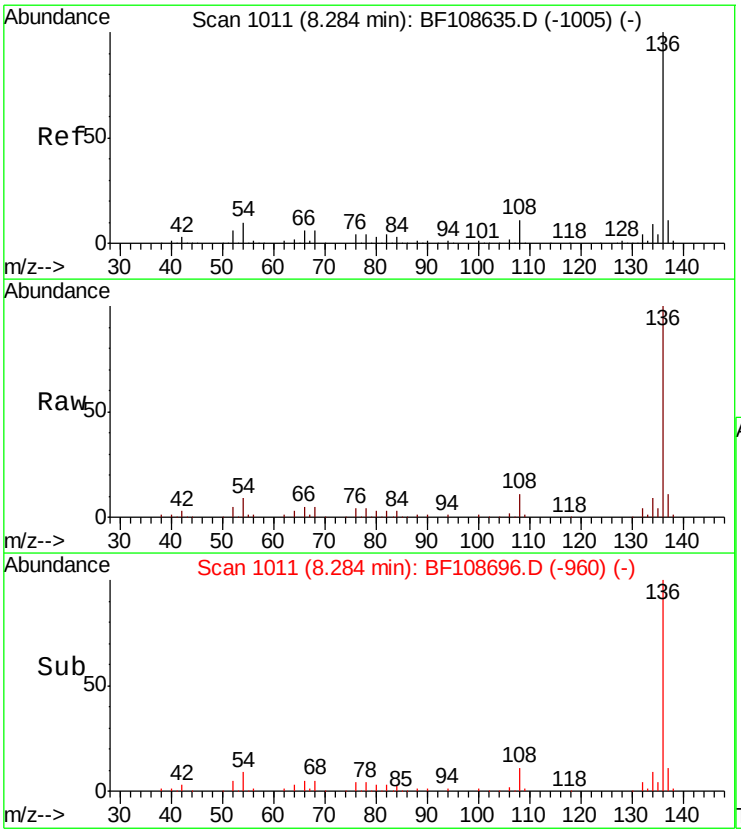
#7
Phenol-d6
Concen: 3.339 ng
RT: 6.67 min Scan# 737
Delta R.T. 0.02 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 18898

Ion	Ratio	Lower	Upper
99	100		
42	24.4	14.5	21.7#
71	40.8	25.4	38.0#

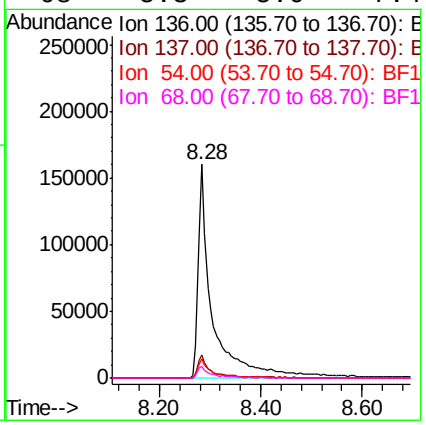


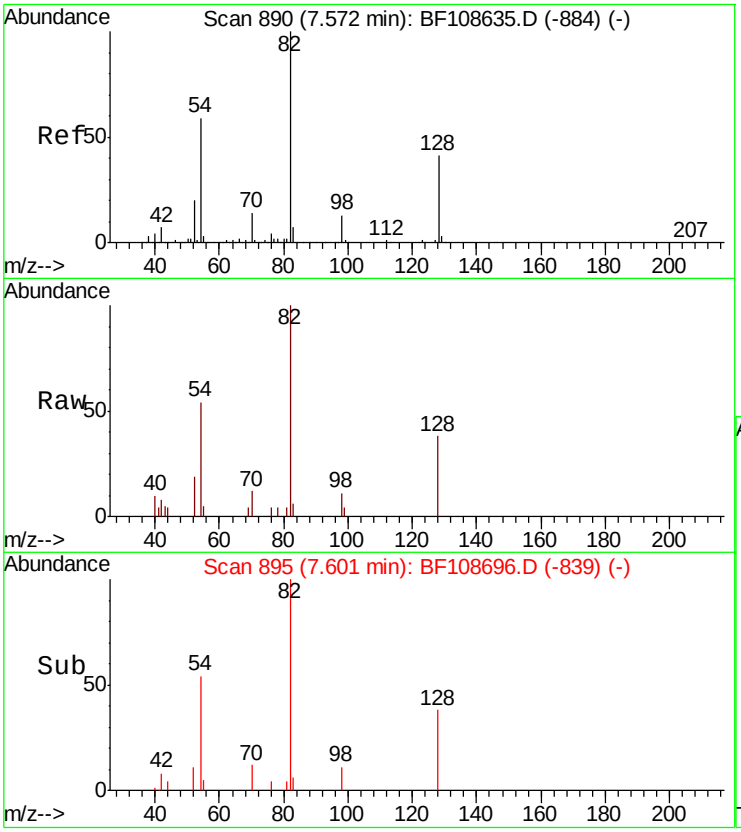


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Tgt Ion:136 Resp: 314758

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.1	6.6	9.8
68	5.3	5.0	7.4



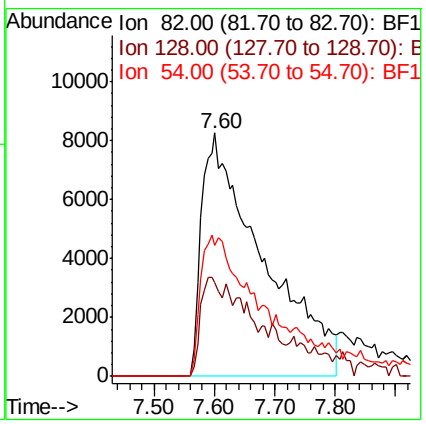


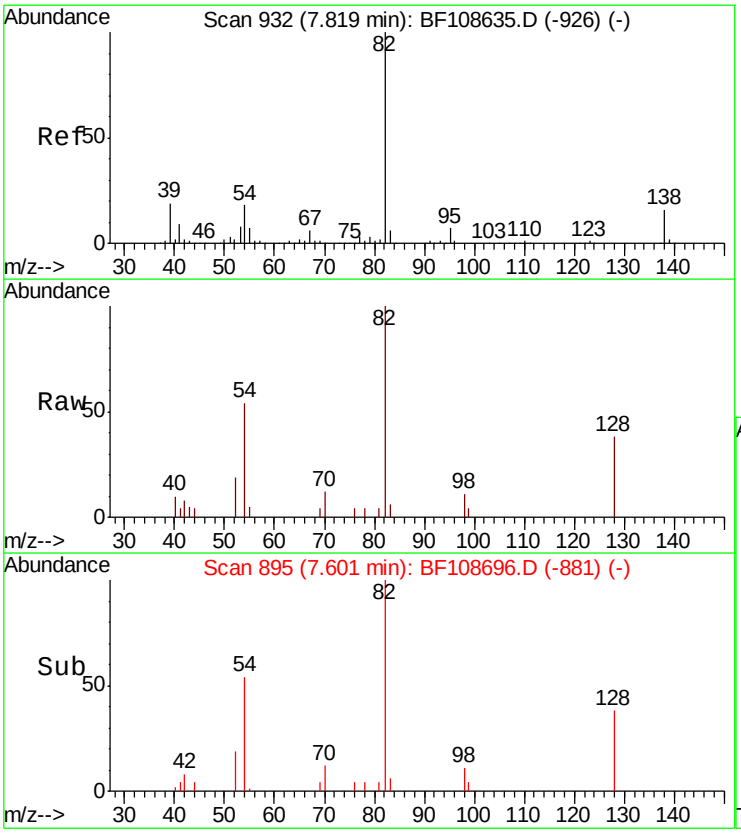
#23
Nitrobenzene-d5
Concen: 9.375 ng
RT: 7.60 min Scan# 895
Delta R.T. 0.03 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 58134

Ion	Ratio	Lower	Upper
82	100		
128	38.5	36.1	54.1
54	53.9	41.4	62.2

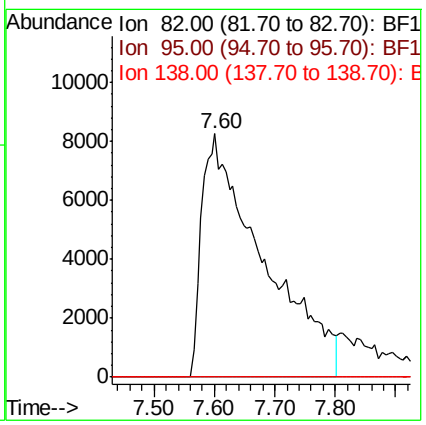


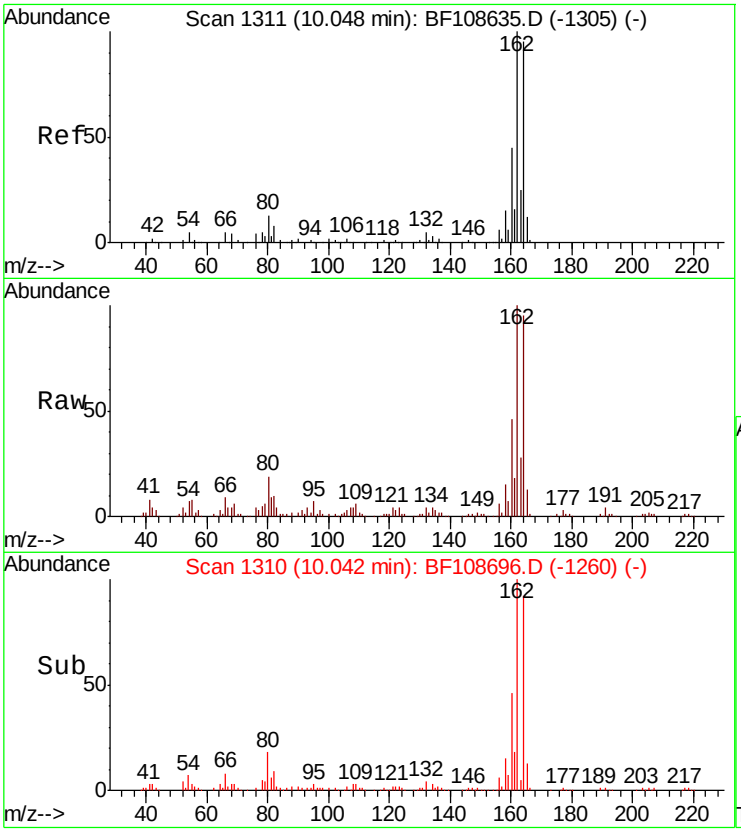


#25
Isophorone
Concen: 5.643 ng
RT: 7.60 min Scan# 895
Delta R.T. -0.22 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Tgt Ion: 82 Resp: 58134

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



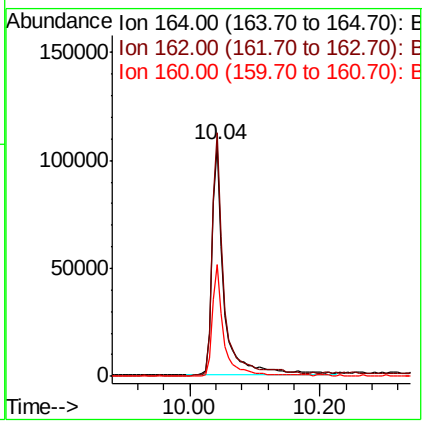


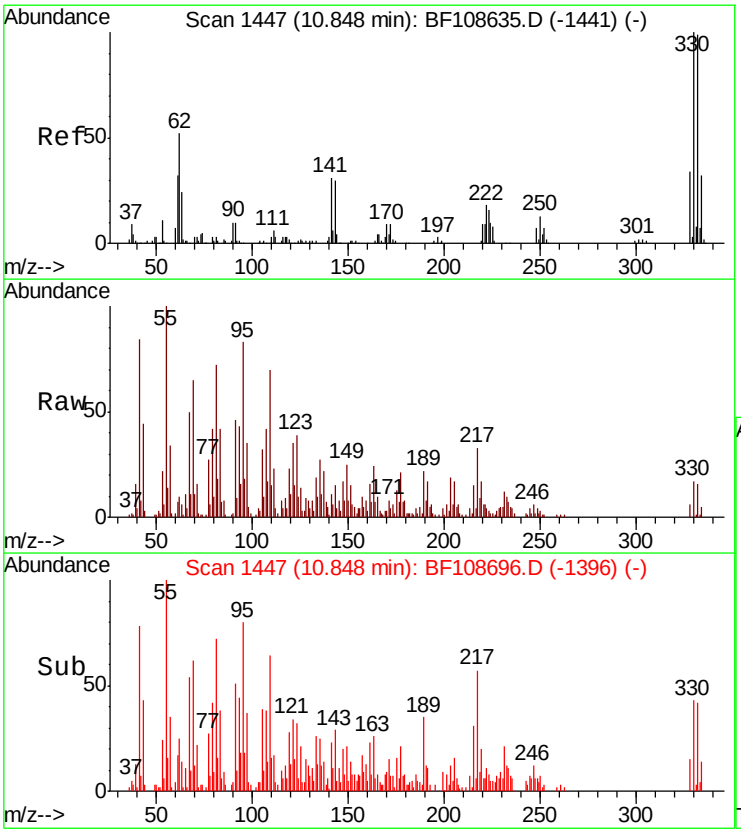
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 138904

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	48.6	38.3	57.5

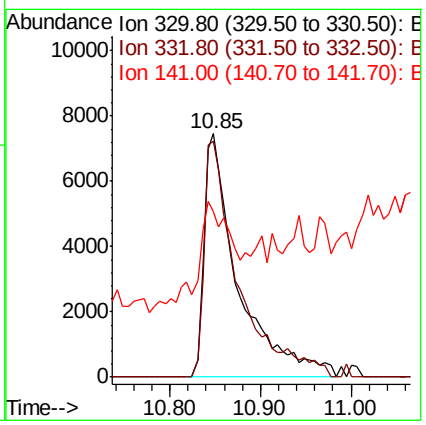


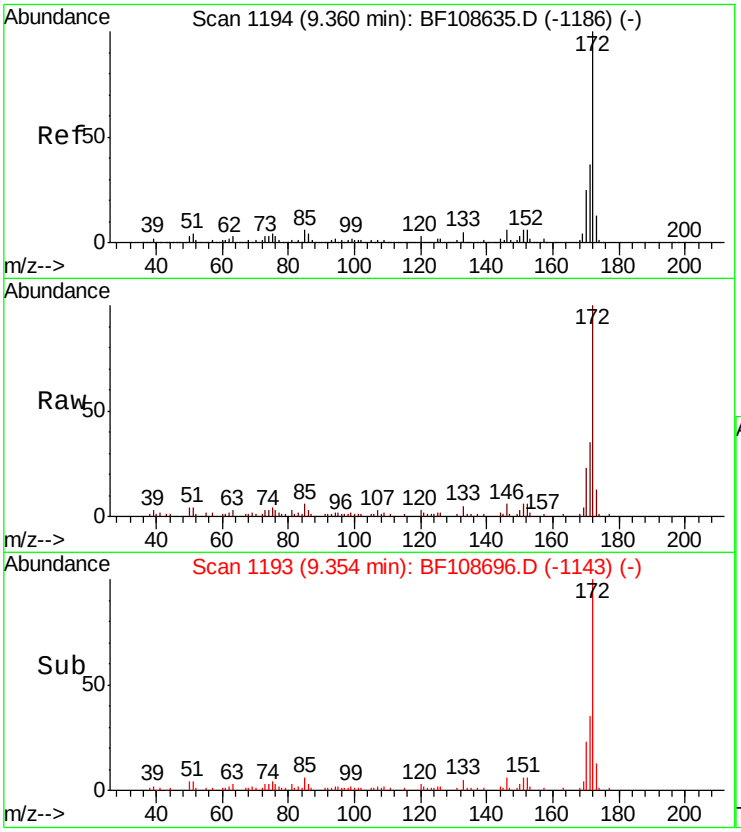


#41
2,4,6-Tribromophenol
Concen: 10.599 ng
RT: 10.85 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Tgt Ion:330 Resp: 19436

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	40.0	29.9	44.9



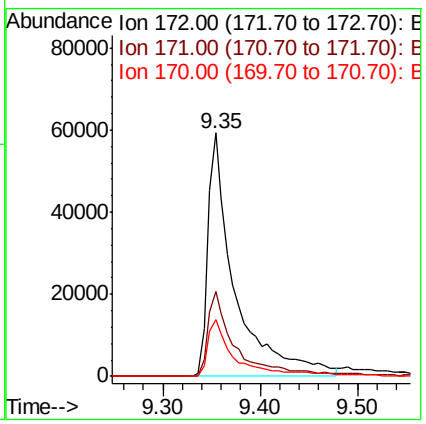


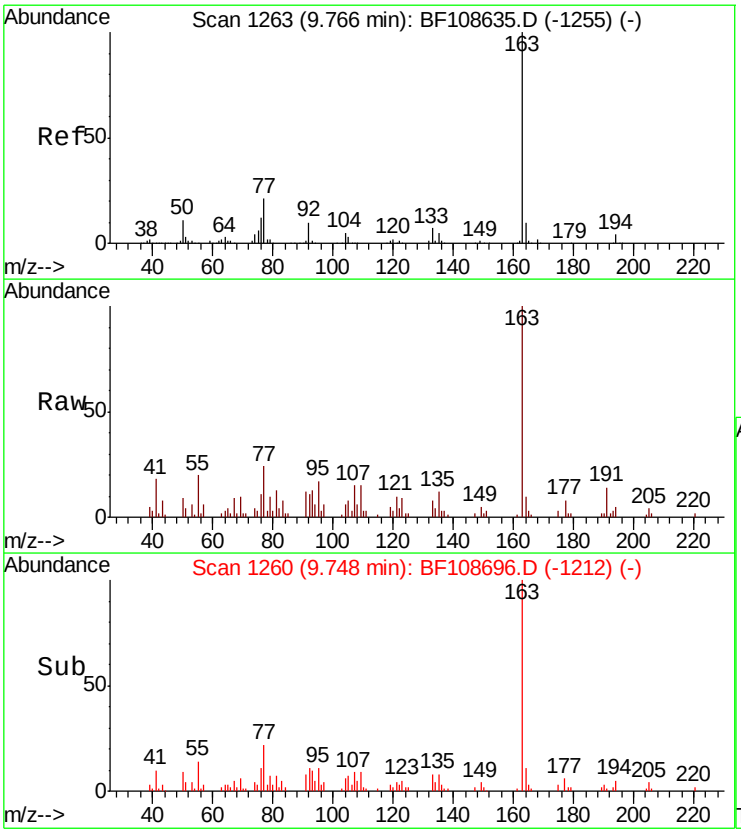
#44
2-Fluorobiphenyl
Concen: 11.001 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 113647

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.1	19.6	29.4

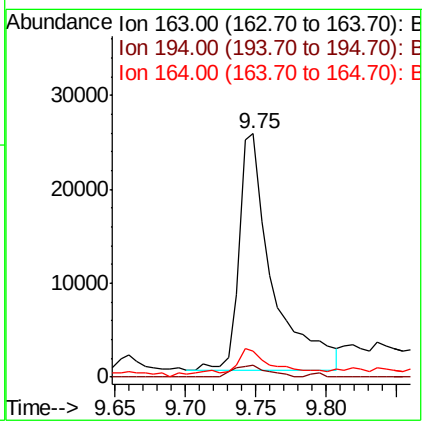


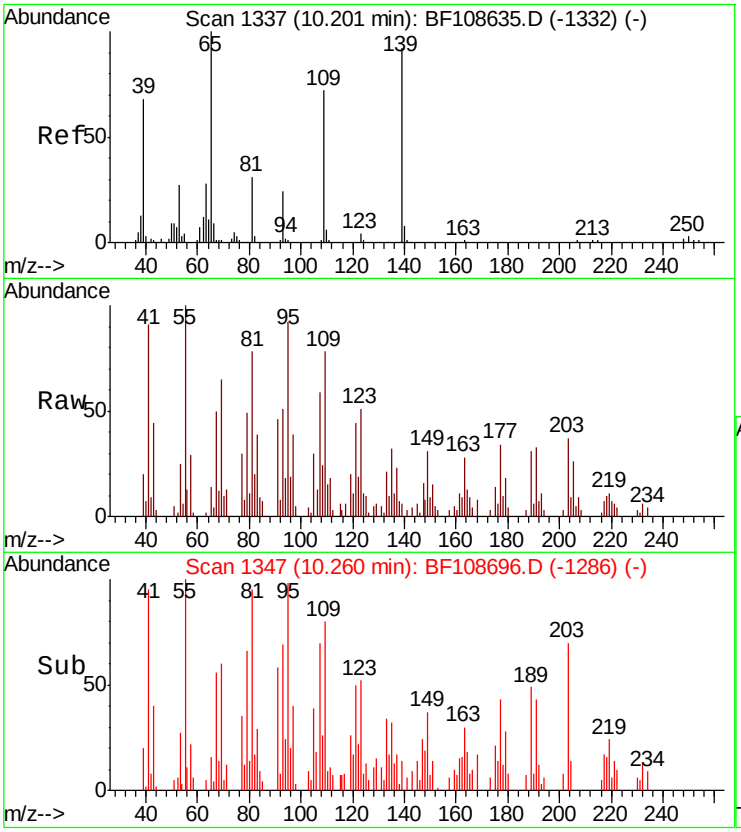


#49
Dimethylphthalate
Concen: 3.771 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Tgt Ion:163 Resp: 41251

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	10.5	8.2	12.2



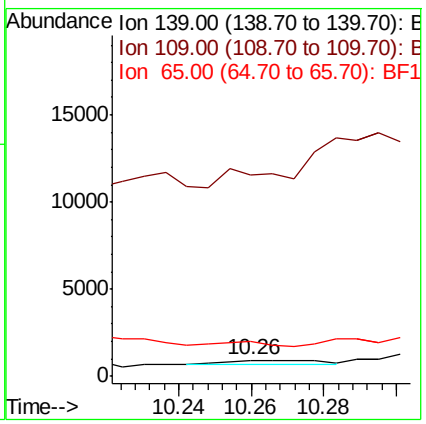


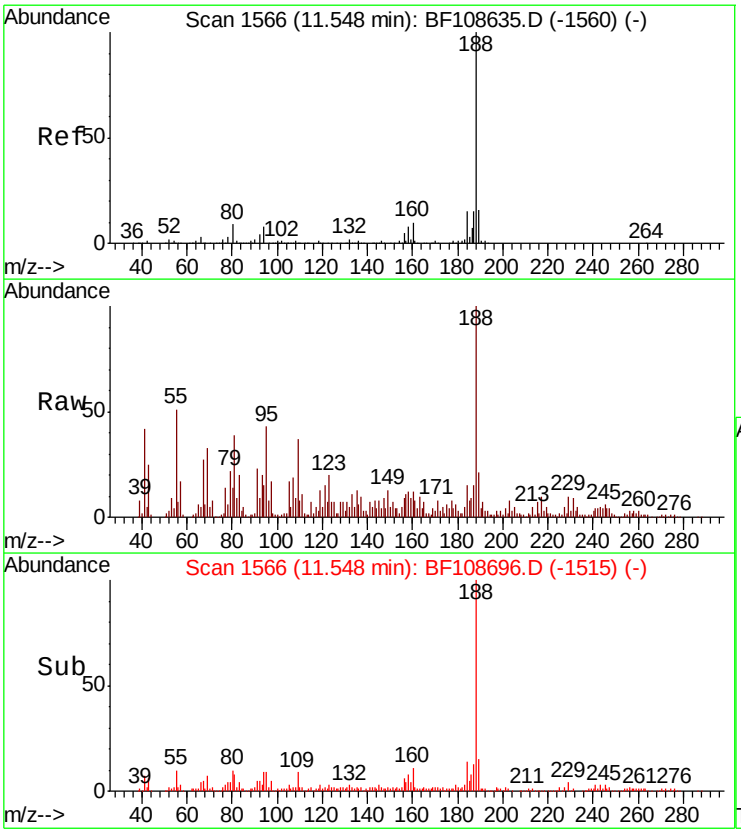
#55
4-Nitrophenol
Concen: 4.988 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.06 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 403

Ion	Ratio	Lower	Upper
139	100		
109	1270.1	48.4	88.4#
65	220.8	72.6	112.6#

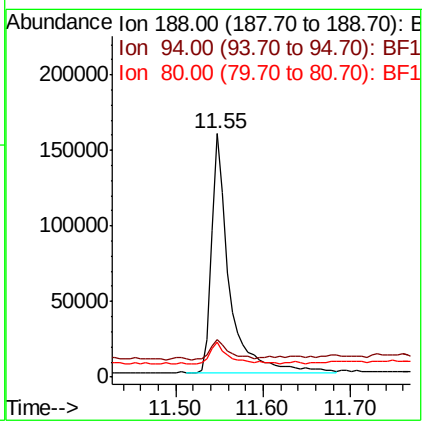


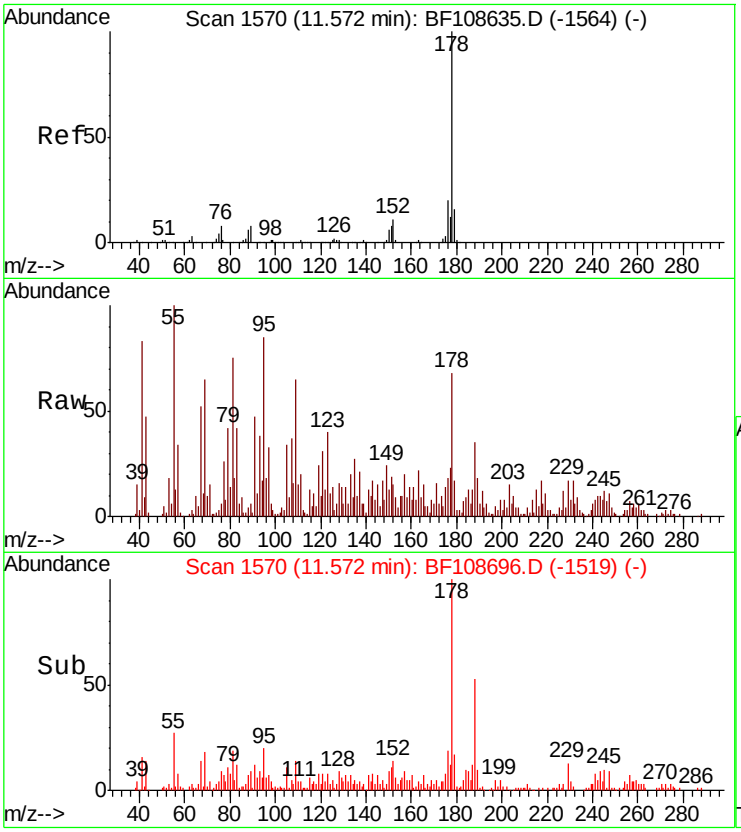


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Tgt Ion:188 Resp: 221922

Ion	Ratio	Lower	Upper
188	100		
94	15.2	8.5	12.7#
80	14.2	9.2	13.8#



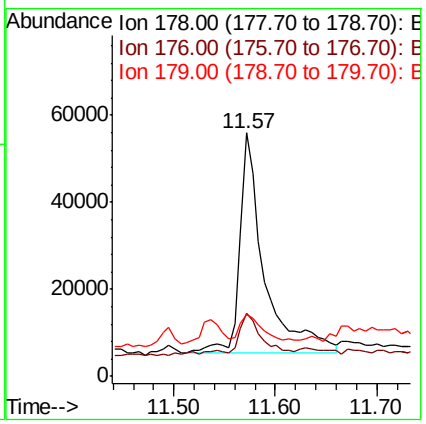


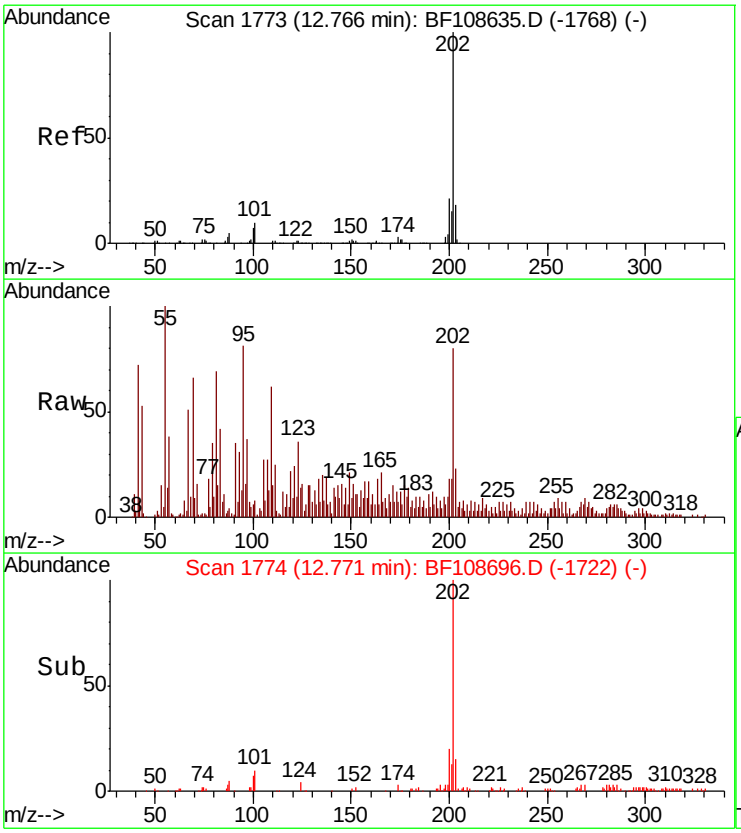
#70
Phenanthrene
Concen: 7.510 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 84129

Ion	Ratio	Lower	Upper
178	100		
176	25.9	15.8	23.8#
179	25.2	13.0	19.6#

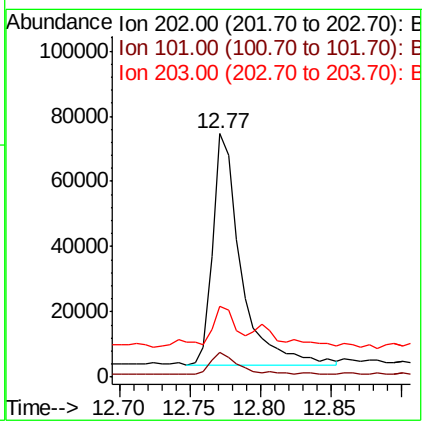


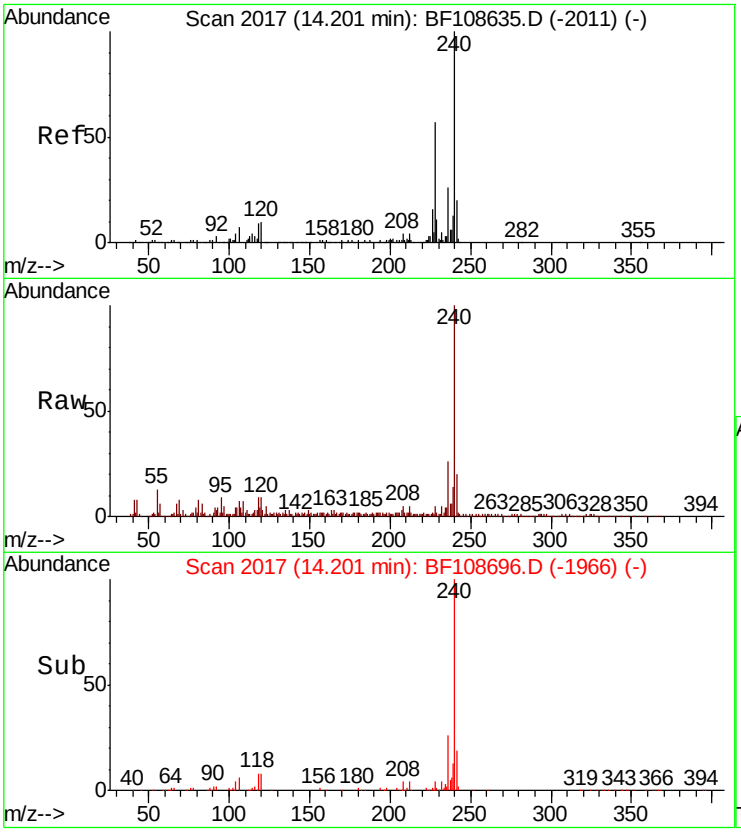


#74
Fluoranthene
Concen: 7.824 ng
RT: 12.77 min Scan# 1774
Delta R.T. 0.01 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Tgt Ion:202 Resp: 98651

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	28.9	0.0	38.1



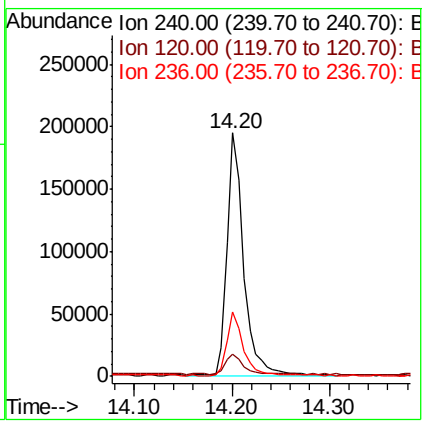


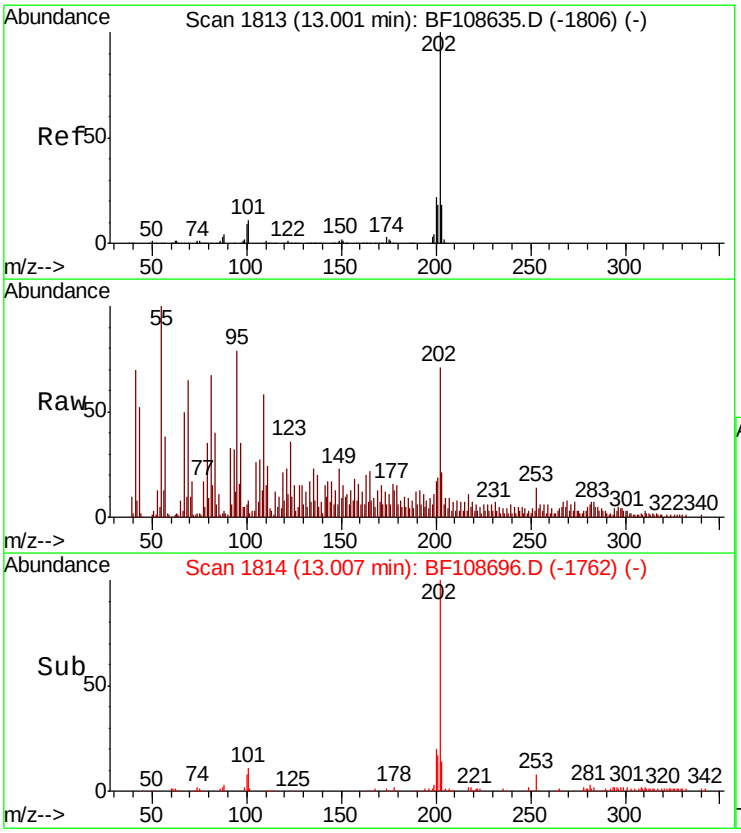
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 229066

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.2	20.7	31.1

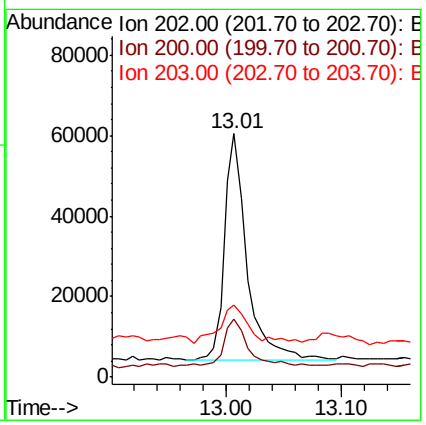


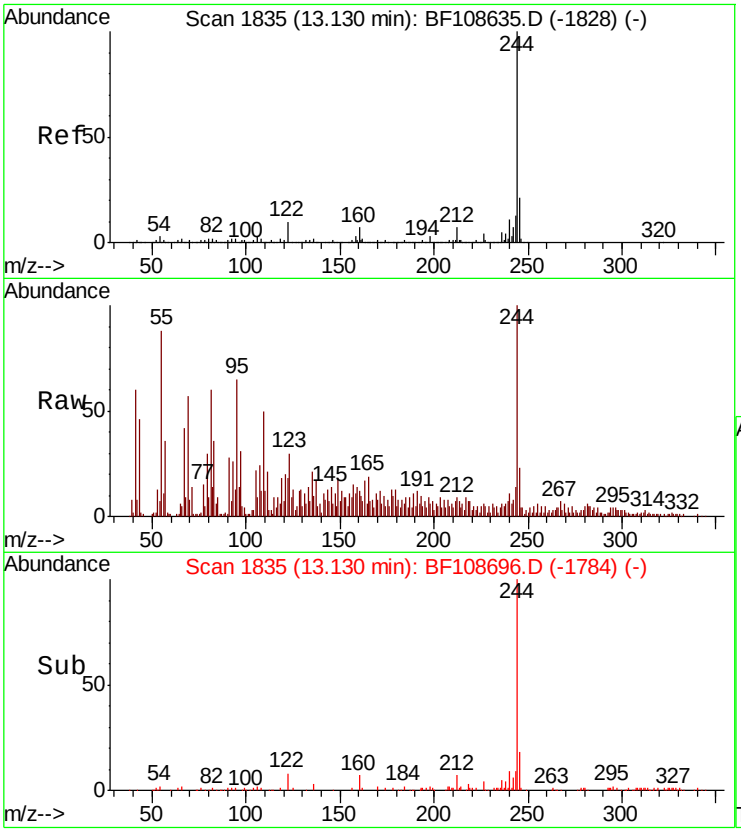


#77
Pyrene
Concen: 4.474 ng
RT: 13.01 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Tgt Ion:202 Resp: 77040

Ion	Ratio	Lower	Upper
202	100		
200	24.0	17.4	26.2
203	29.5	14.3	21.5#



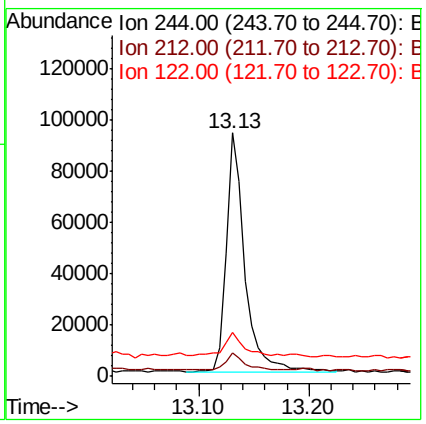


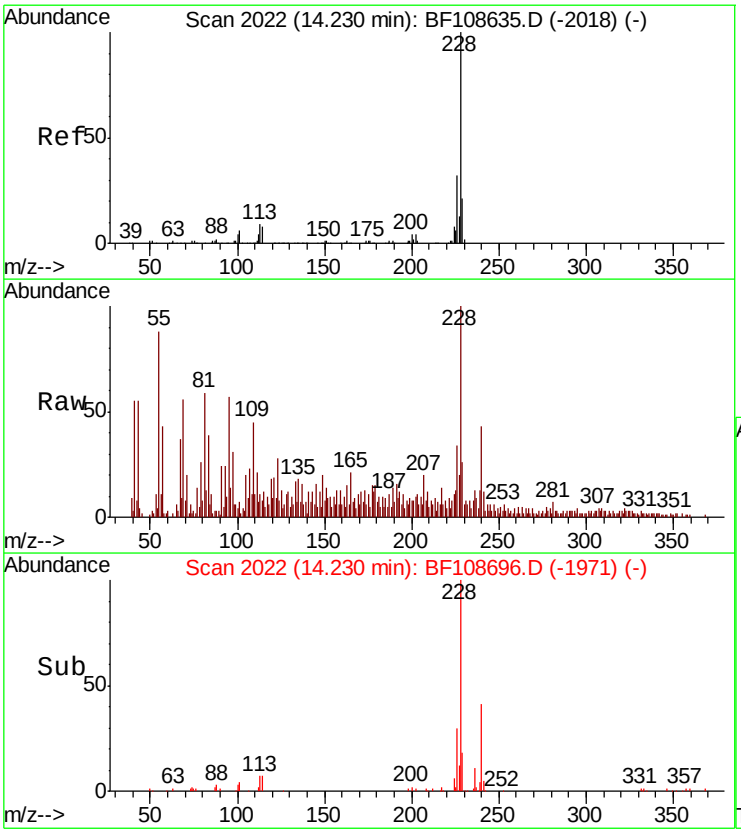
#78
Terphenyl-d14
Concen: 9.305 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 109702

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.4	8.0#
122	17.9	11.0	16.4#

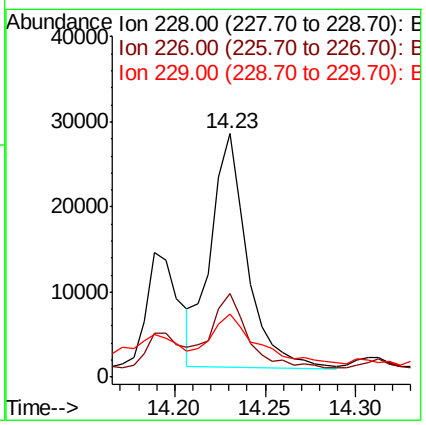


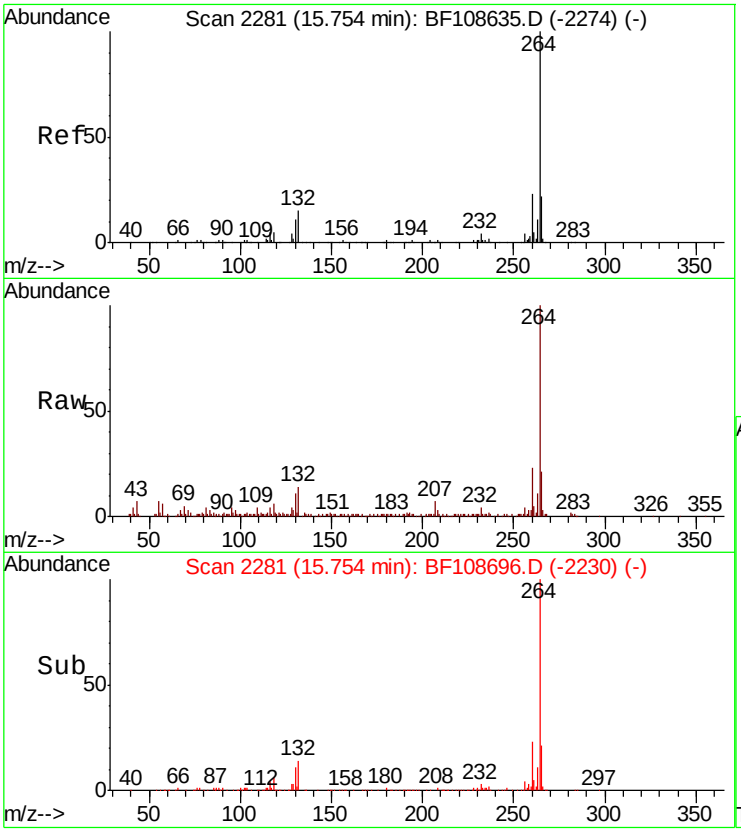


#82
Chrysene
Concen: 2.896 ng
RT: 14.23 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Tgt Ion:228 Resp: 38893

Ion	Ratio	Lower	Upper
228	100		
226	34.2	25.0	37.6
229	25.9	16.2	24.4#



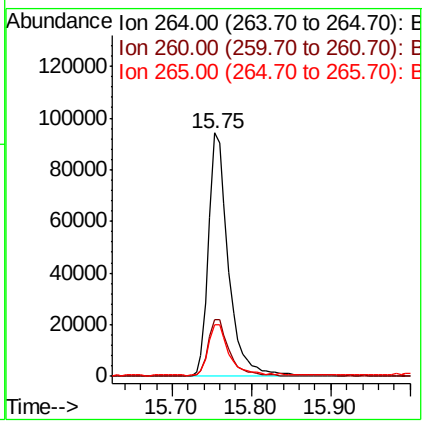


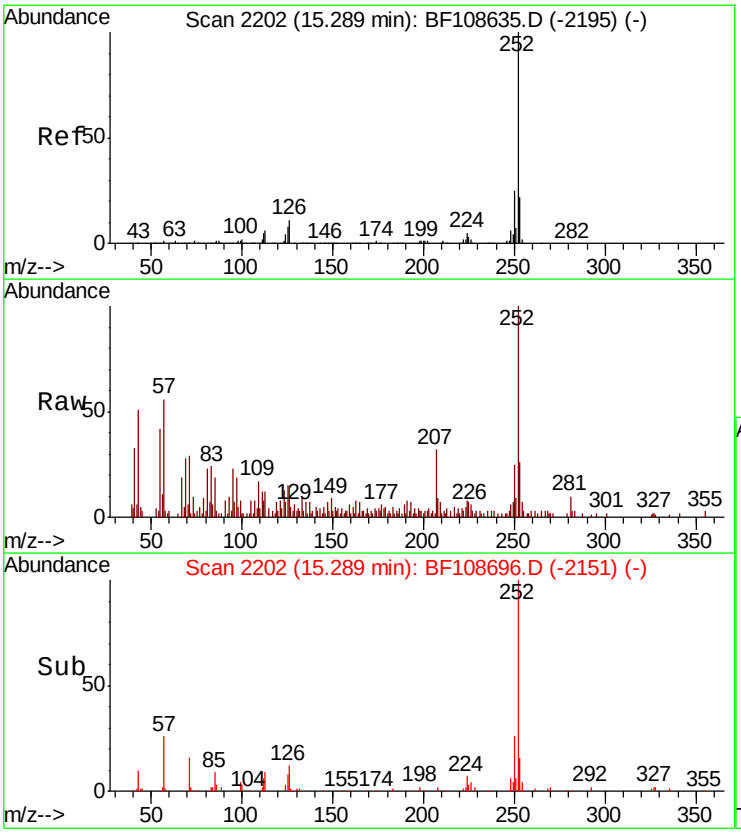
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 165746

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

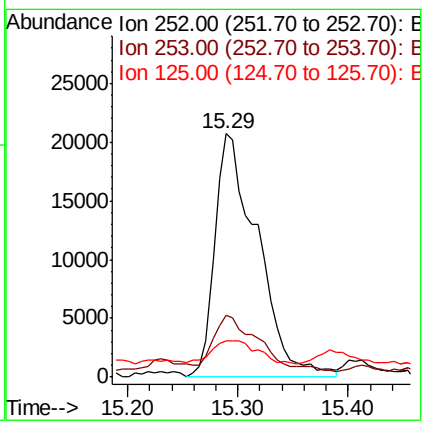


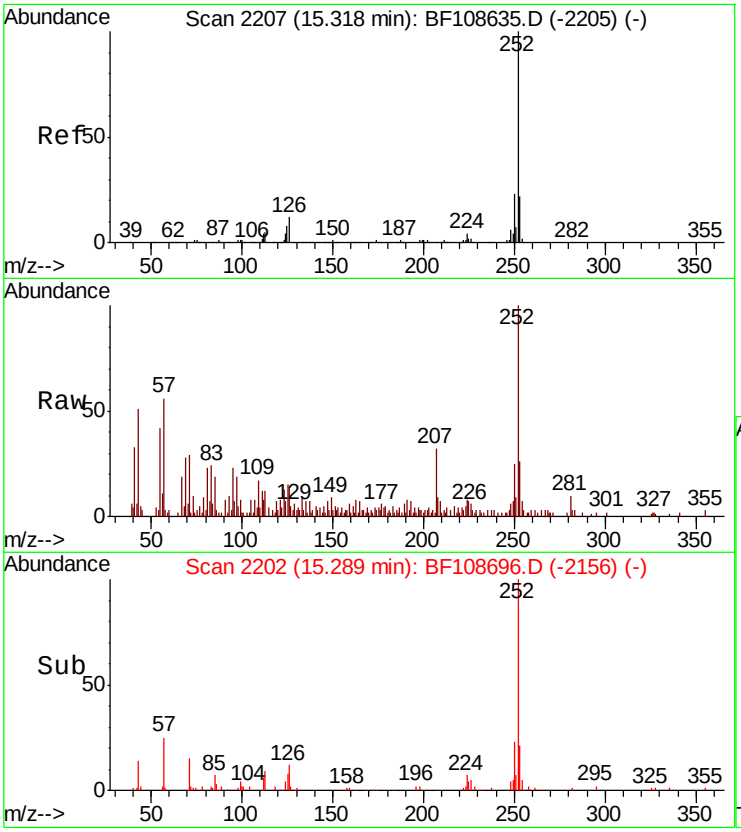


#87
Benzo(b)fluoranthene
Concen: 5.487 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Tgt Ion:252 Resp: 55870

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.0	25.6#
125	15.0	9.0	13.6#



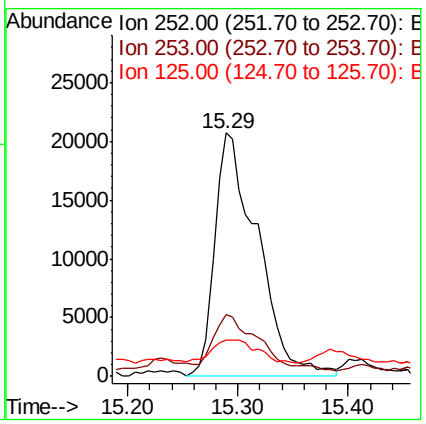


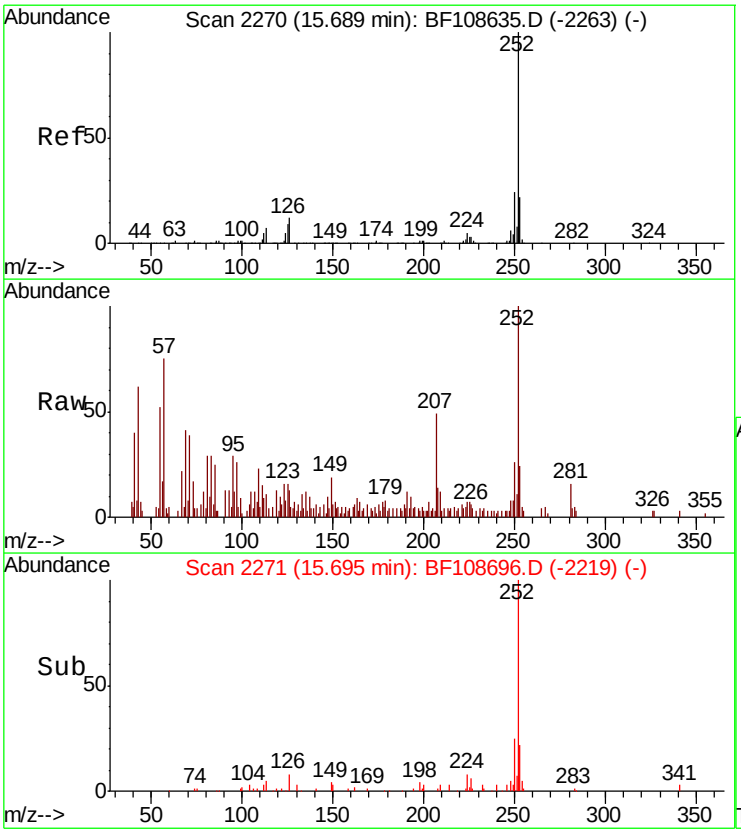
#88
Benzo(k)fluoranthene
Concen: 5.539 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.03 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55870

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	15.0	10.2	15.2

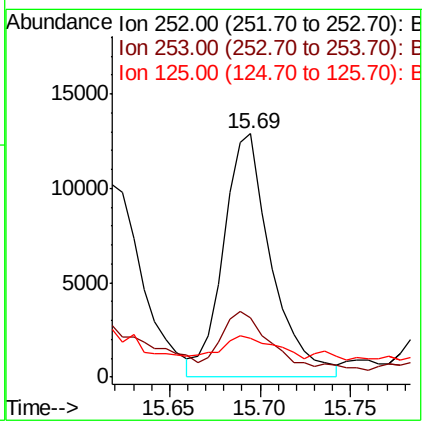


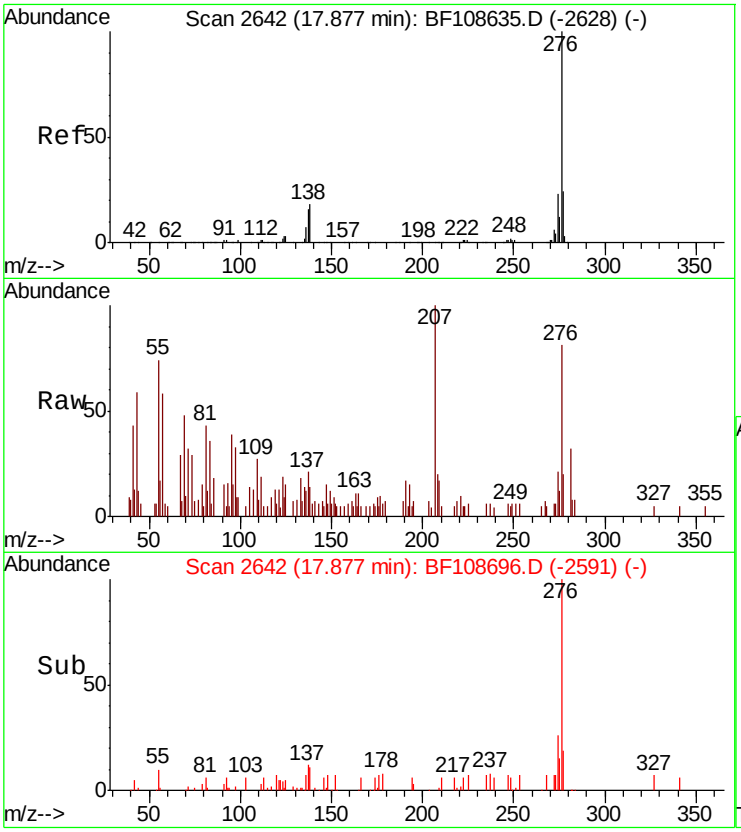


#89
Benzo(a)pyrene
Concen: 2.576 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Tgt Ion:252 Resp: 23700

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	16.2	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.368 ng
RT: 17.88 min Scan# 2642
Delta R.T. -0.00 min
Lab File: BF108696.D
Acq: 31 Aug 2018 18:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 16916

Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	17.8	21.8	32.8#