Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
Data File : BF106883.D
Acq On : 27 Jun 2018 20:14
Operator : JU/SJ
Sample : J3242-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-B

Quant Time: Jun 28 00:53:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	22490	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	82404	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	36546	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	65063	20.00	ng	0.00
75) Chrysene-d12	14.14	240	69128	20.00	ng	-0.02
86) Perylene-d12	15.68	264	52332	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	111166	83.70	ng	-0.01
7) Phenol-d6	6.59	99	140782	84.88	ng	-0.02
23) Nitrobenzene-d5	7.51	82	80702	54.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	35082	82.82	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	157465	70.40	ng	-0.02
78) Terphenyl-d14	13.08	244	166676	58.40	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.60	107	116	Below Cal	#	1
32) Benzoic acid	8.02	122	121	5.864	ng	# 1
35) Caprolactam	8.68	113	1479	3.923	ng	# 1
49) Dimethylphthalate	9.70	163	15951	5.819	ng	# 66
52) 3-Nitroaniline	9.97	138	1341	2.008	ng	# 32
53) 2,4-Dinitrophenol	10.29	184	488	6.862	ng	# 51
61) 4-Nitroaniline	10.45	138	2699	4.072	ng	81
65) n-Nitrosodiphenylamine	10.66	169	11900	5.438	ng	# 50
68) Atrazine	11.20	200	1455	2.091	ng	# 7
70) Phenanthrene	11.51	178	25270	8.053	ng	# 90
71) Anthracene	11.57	178	8781	2.741	ng	# 82
74) Fluoranthene	12.71	202	44553	12.881	ng	95
77) Pyrene	12.94	202	54838	12.030	ng	97
79) Butylbenzylphthalate	13.55	149	356479	190.200	ng	# 92
80) Benzo(a)anthracene	14.13	228	29258	6.944	ng	# 94
82) Chrysene	14.17	228	27013	6.969	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.25	276	13004	3.953	ng	# 86
87) Benzo(b)fluoranthene	15.22	252	44805	13.783	ng	# 92
88) Benzo(k)fluoranthene	15.22	252	44805	14.473	ng	94
89) Benzo(a)pyrene	15.61	252	24583	8.506	ng	94
91) Benzo(g,h,i)perylene	17.73	276	13156	5.496	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
Data File : BF106883.D
Acq On : 27 Jun 2018 20:14
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Misc :
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BNA_F
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JC-02-062618-B

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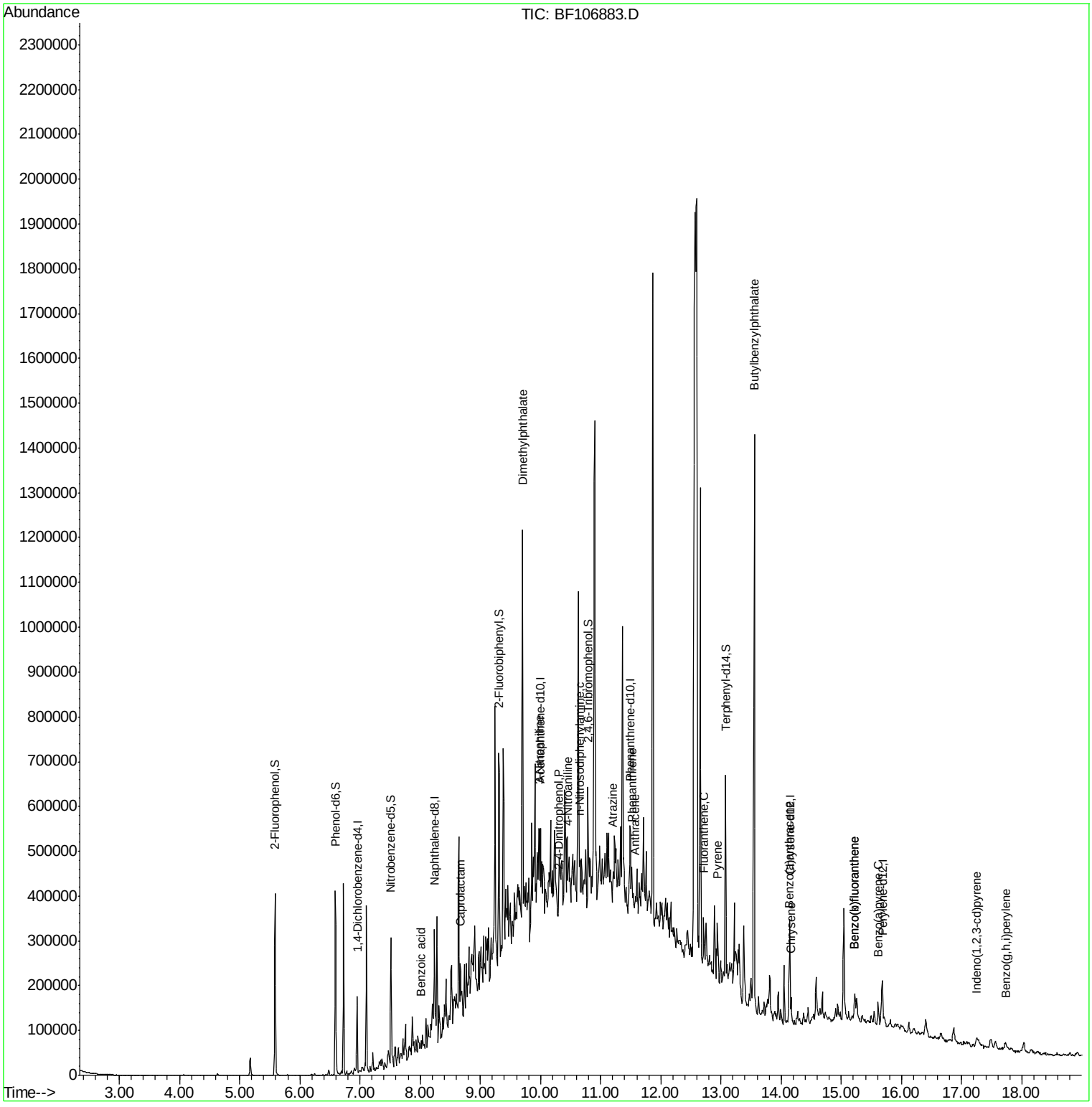
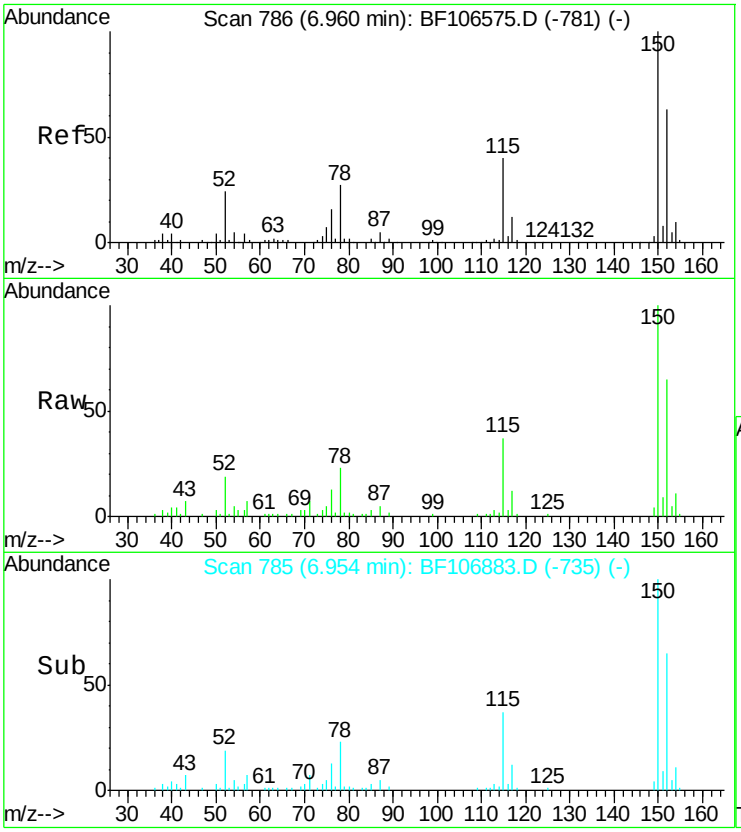


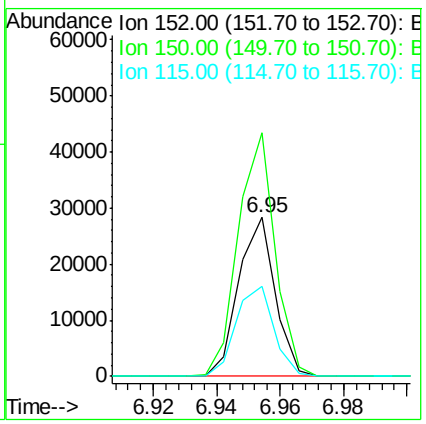


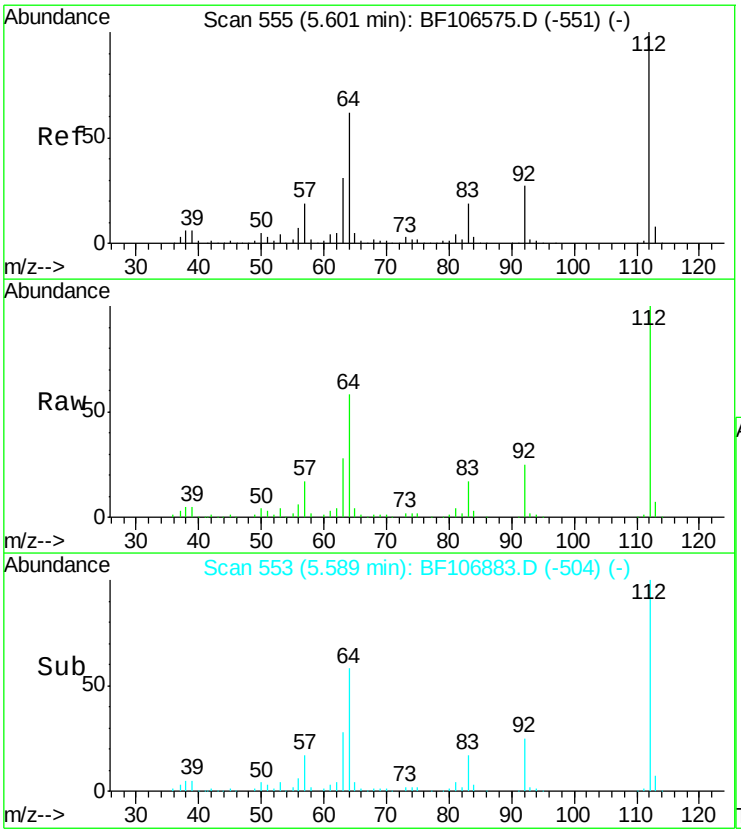
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:152 Resp: 22490

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	56.8	50.1	75.1

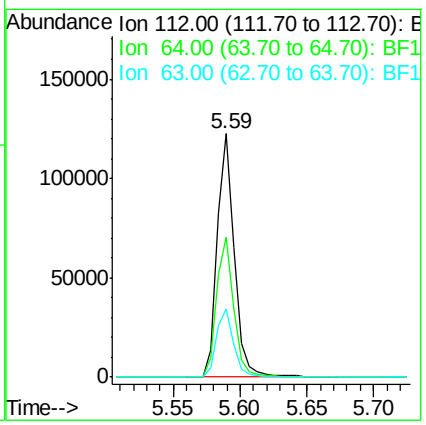


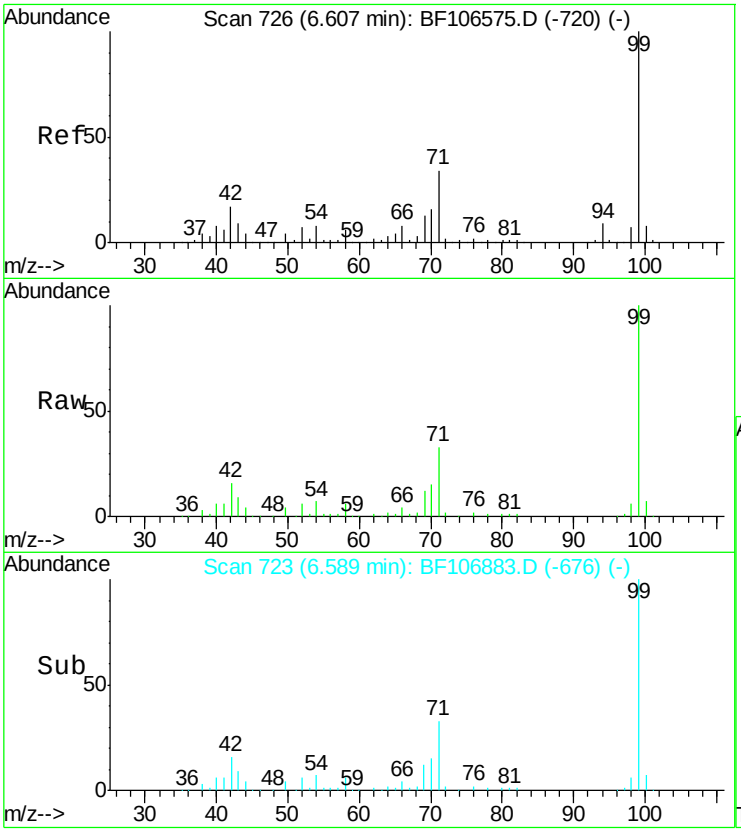


#5
2-Fluorophenol
Concen: 83.699 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:112 Resp: 111166

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	27.8	23.7	35.5



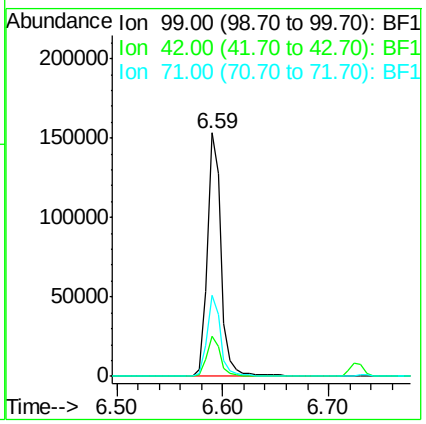


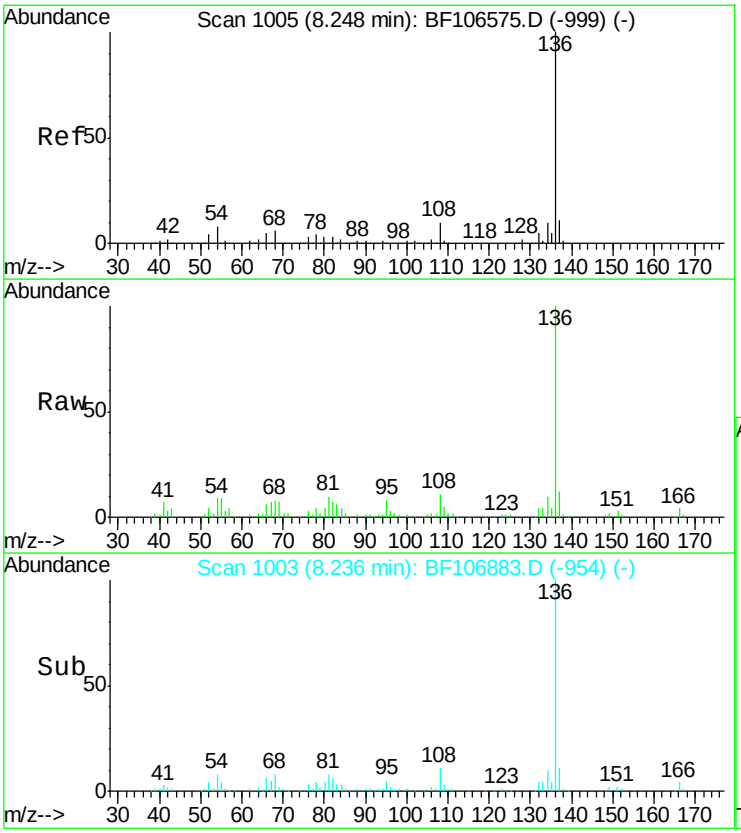
#7
Phenol-d6
Concen: 84.879 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion: 99 Resp: 140782

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	33.2	25.4	38.0

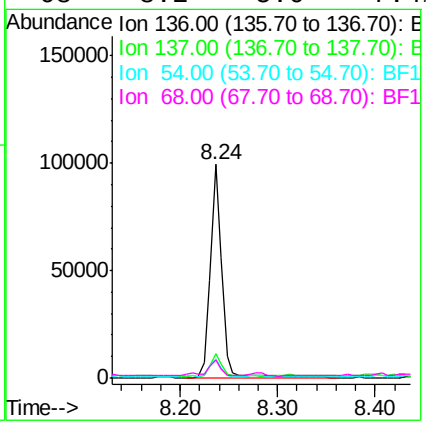


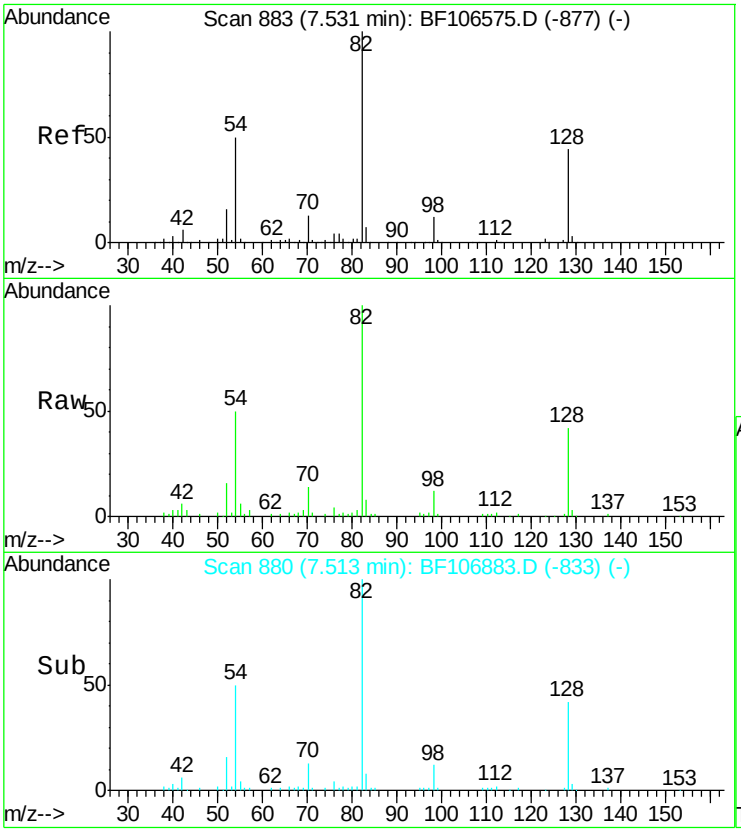


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:136 Resp: 82404

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	8.7	6.6	9.8
68	8.2	5.0	7.4#



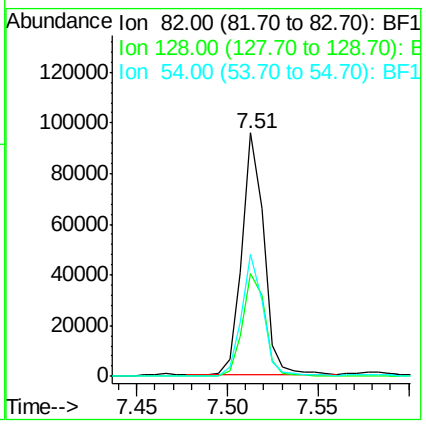


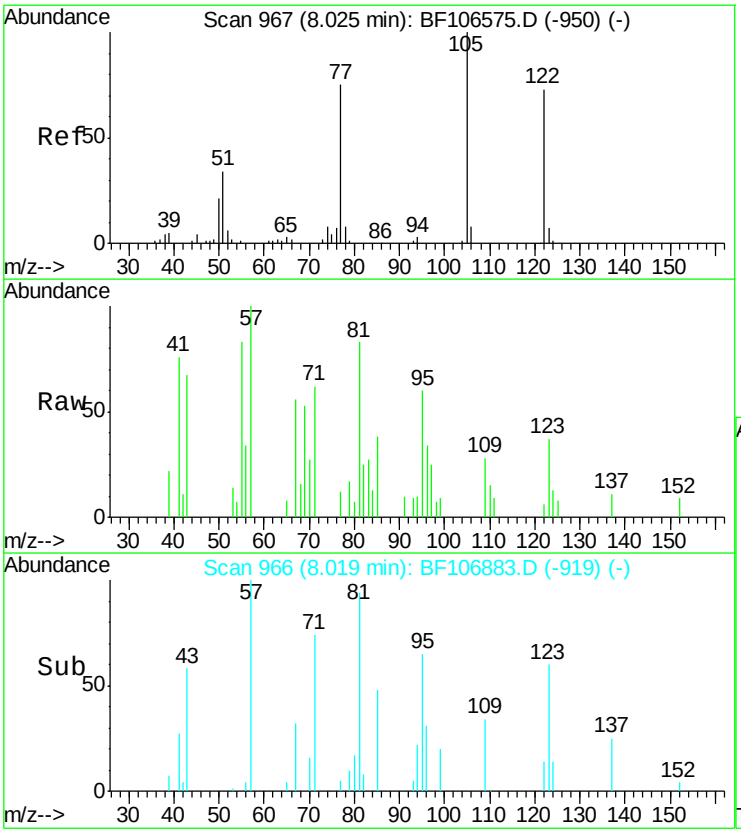
#23
Nitrobenzene-d5
Concen: 54.426 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion: 82 Resp: 80702

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	50.1	41.4	62.2

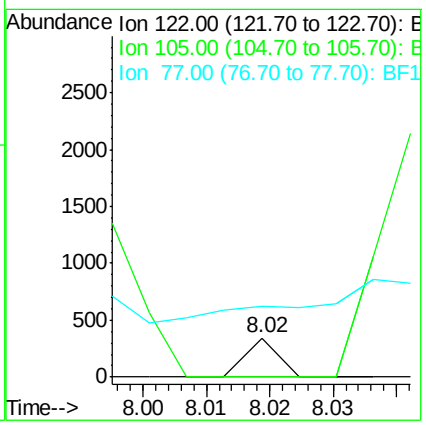


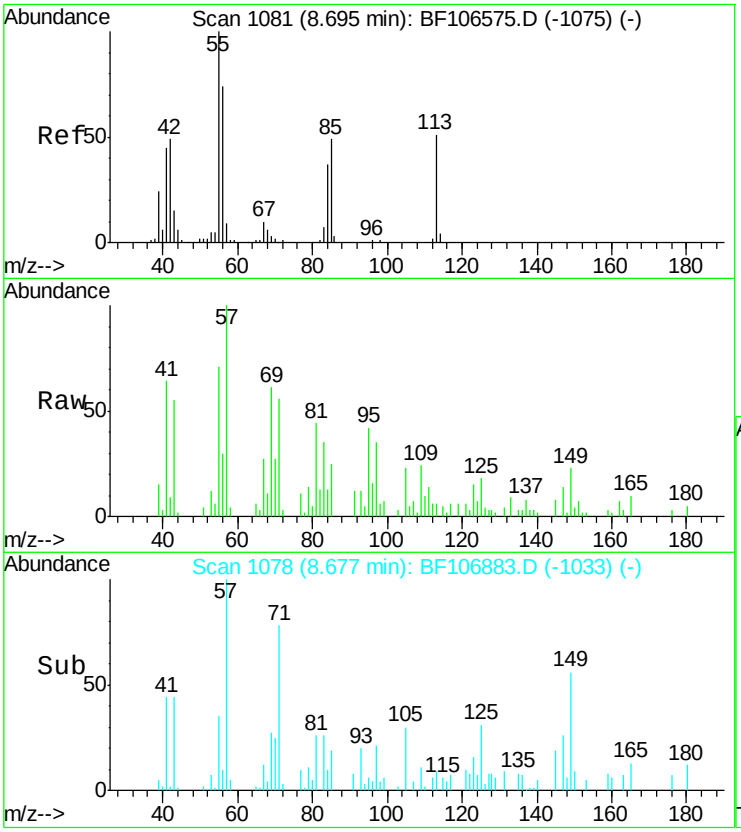


#32
Benzoic acid
Concen: 5.864 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:122 Resp: 121

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	181.0	70.7	110.7#



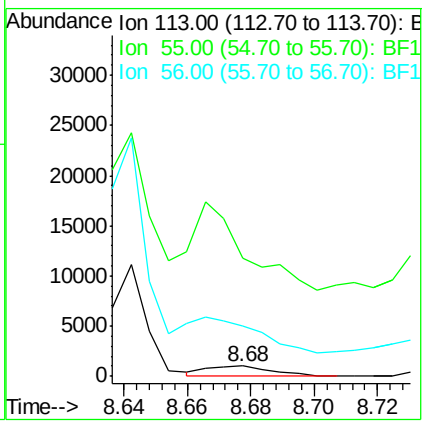


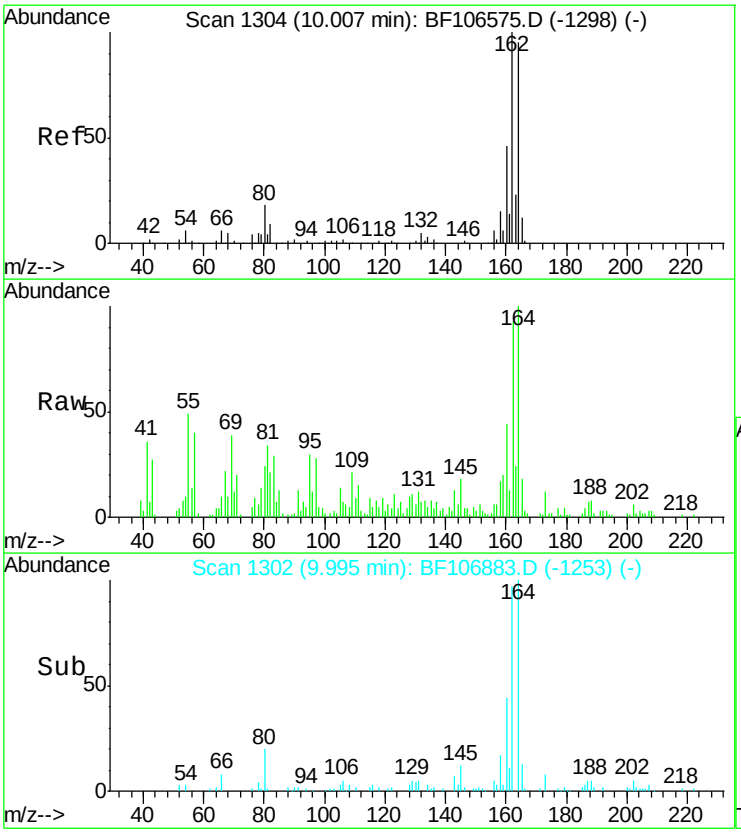
#35
Caprolactam
Concen: 3.923 ng
RT: 8.68 min Scan# 1078
Delta R.T. -0.04 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:113 Resp: 1479

Ion	Ratio	Lower	Upper
113	100		
55	1130.3	163.3	203.3#
56	481.8	115.7	155.7#

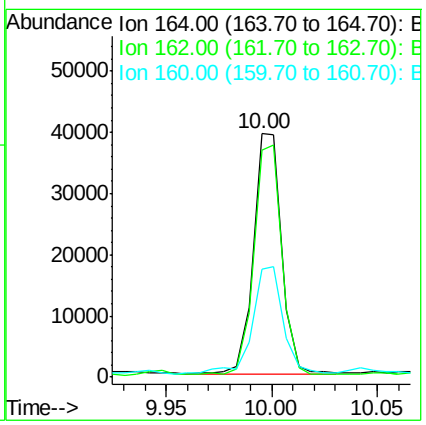


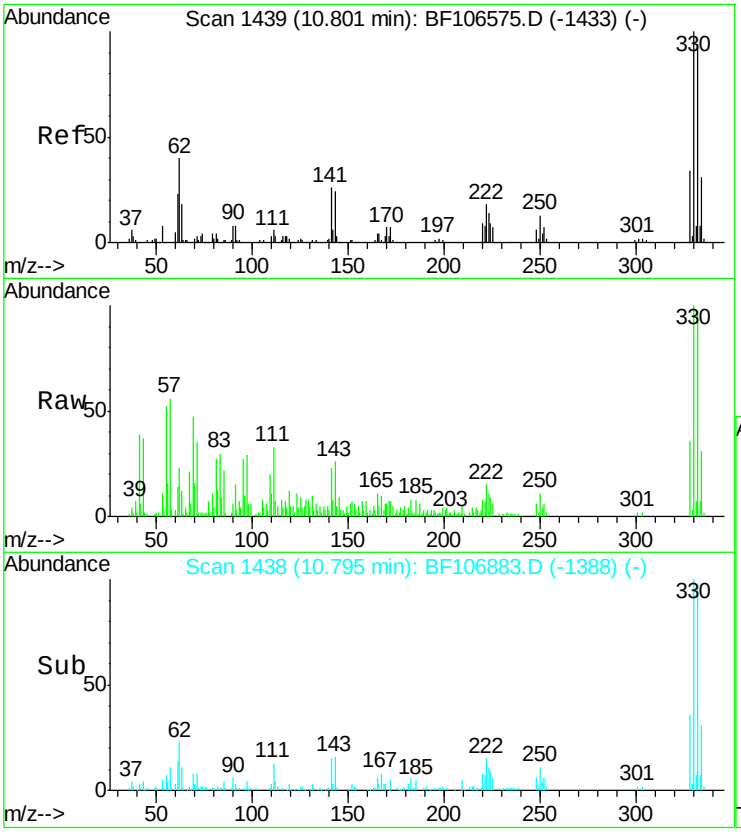


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:164 Resp: 36546

Ion	Ratio	Lower	Upper
164	100		
162	93.0	86.1	129.1
160	44.4	38.3	57.5



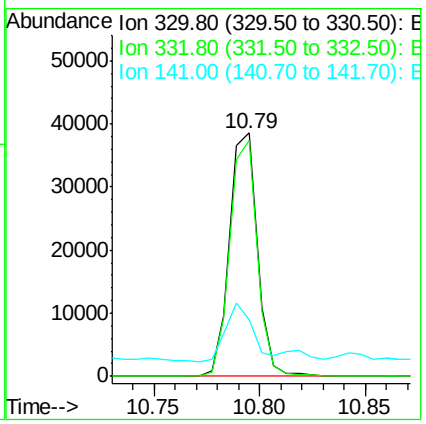


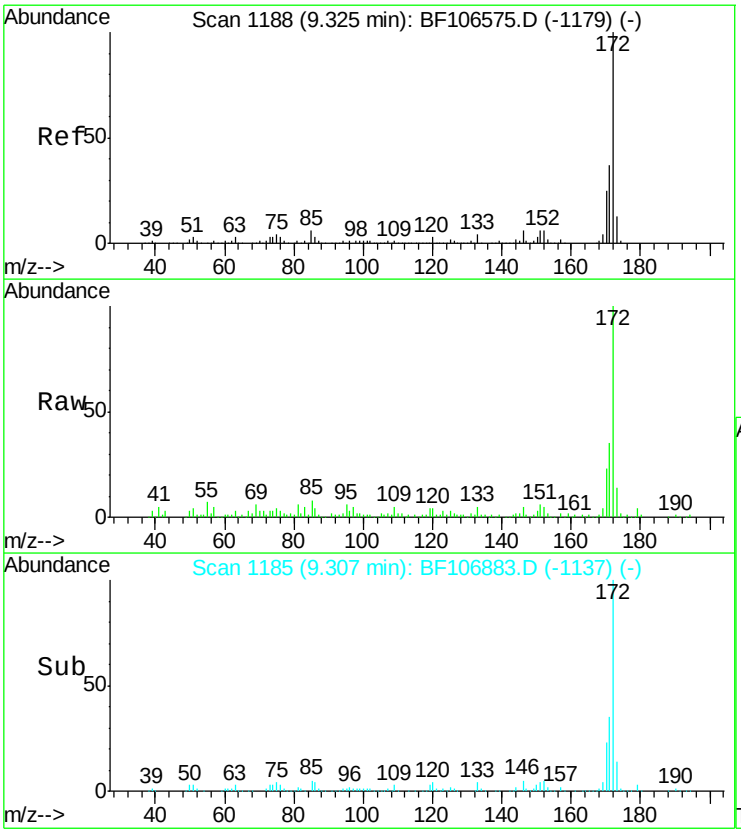
#41
2,4,6-Tribromophenol
Concen: 82.823 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:330 Resp: 35082

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	24.1	29.9	44.9#

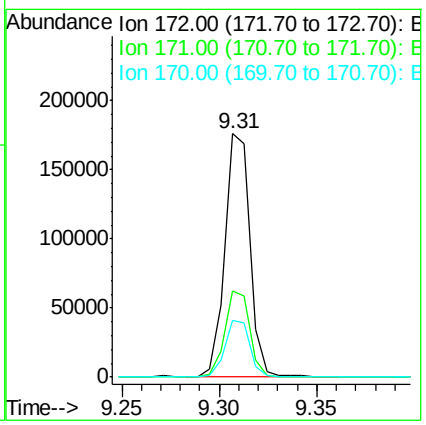


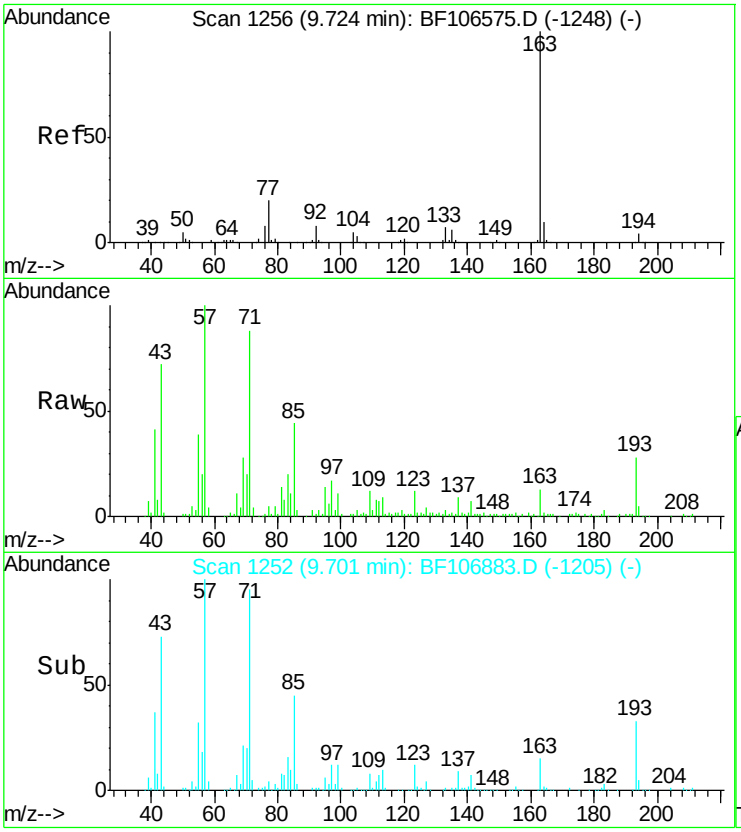


#44
2-Fluorobiphenyl
Concen: 70.395 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:172 Resp: 157465

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.2	19.6	29.4



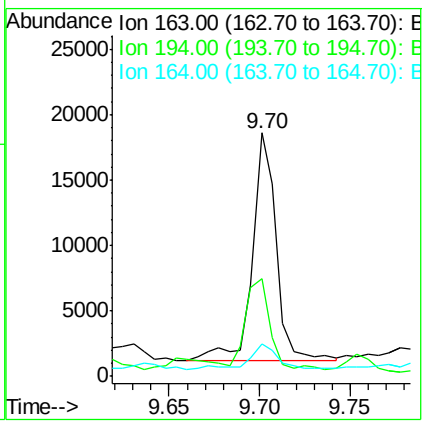


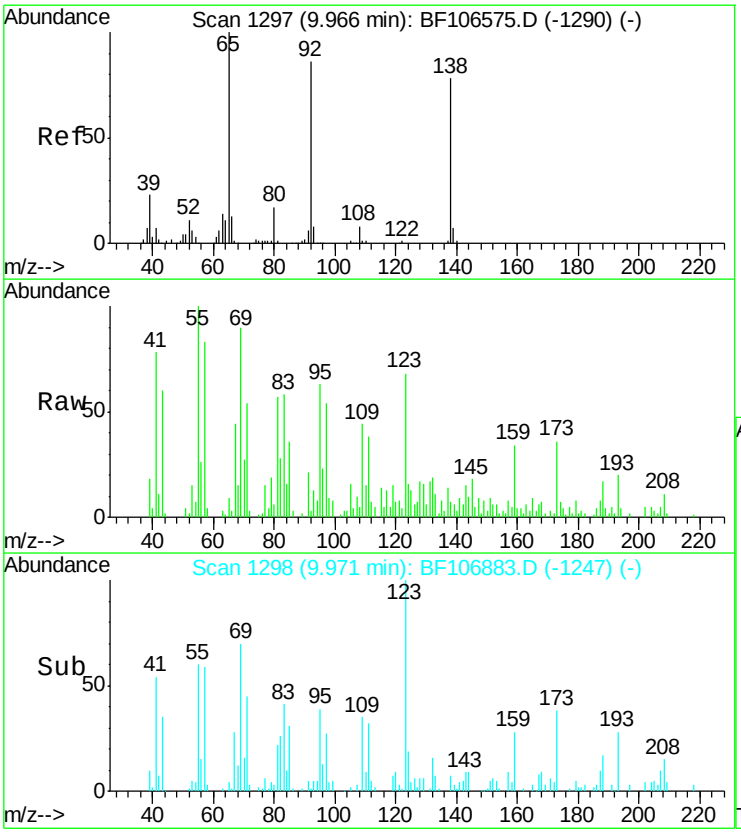
#49
Dimethylphthalate
Concen: 5.819 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument : BNA_F
ClientSampleId : JC-02-062618-B

Tgt Ion:163 Resp: 15951

Ion	Ratio	Lower	Upper
163	100		
194	39.9	2.7	4.1#
164	13.3	8.2	12.2#

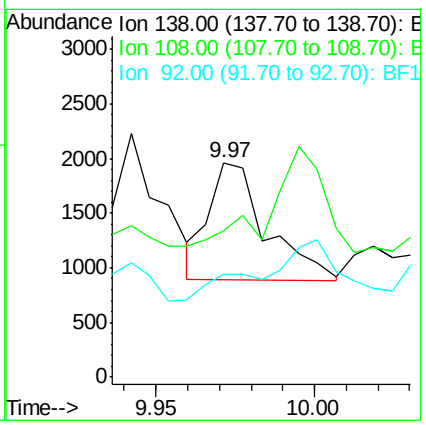


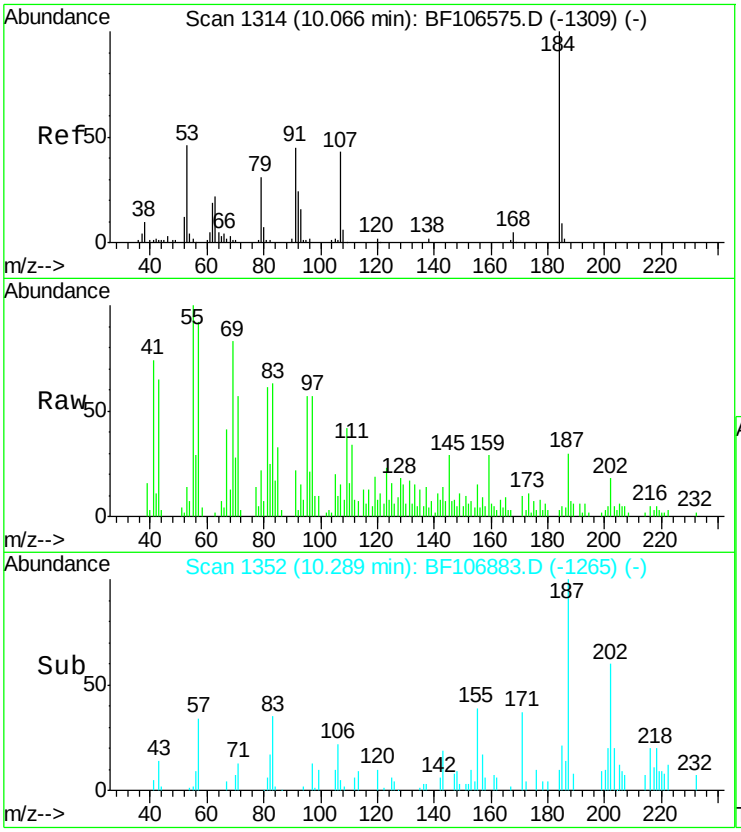


#52
3-Nitroaniline
Concen: 2.008 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:138 Resp: 1341

Ion	Ratio	Lower	Upper
138	100		
108	68.3	9.4	14.0#
92	47.6	89.4	134.2#



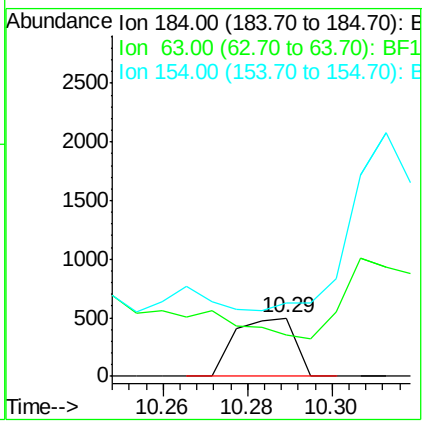


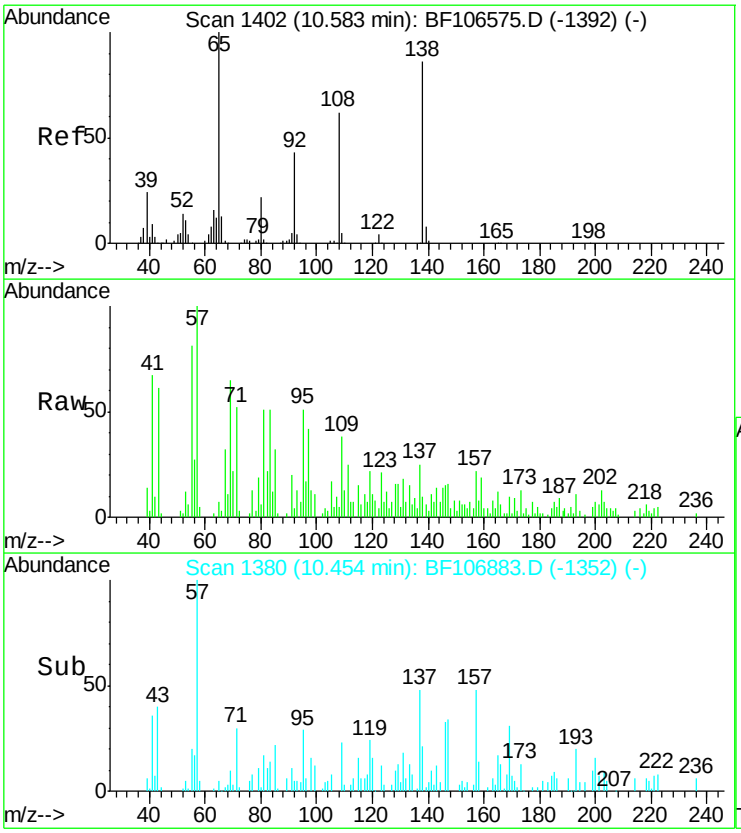
#53
2,4-Dinitrophenol
Concen: 6.862 ng
RT: 10.29 min Scan# 1352
Delta R.T. 0.21 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:184 Resp: 488

Ion	Ratio	Lower	Upper
184	100		
63	71.6	54.2	81.2
154	126.6	184.0	276.0#

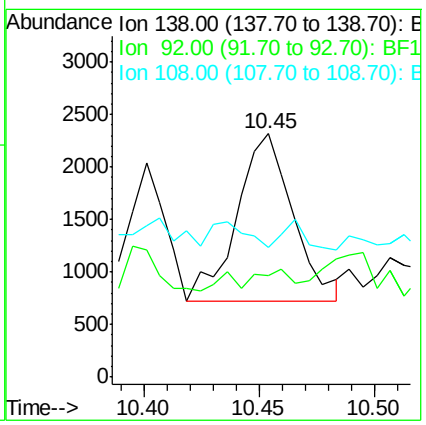


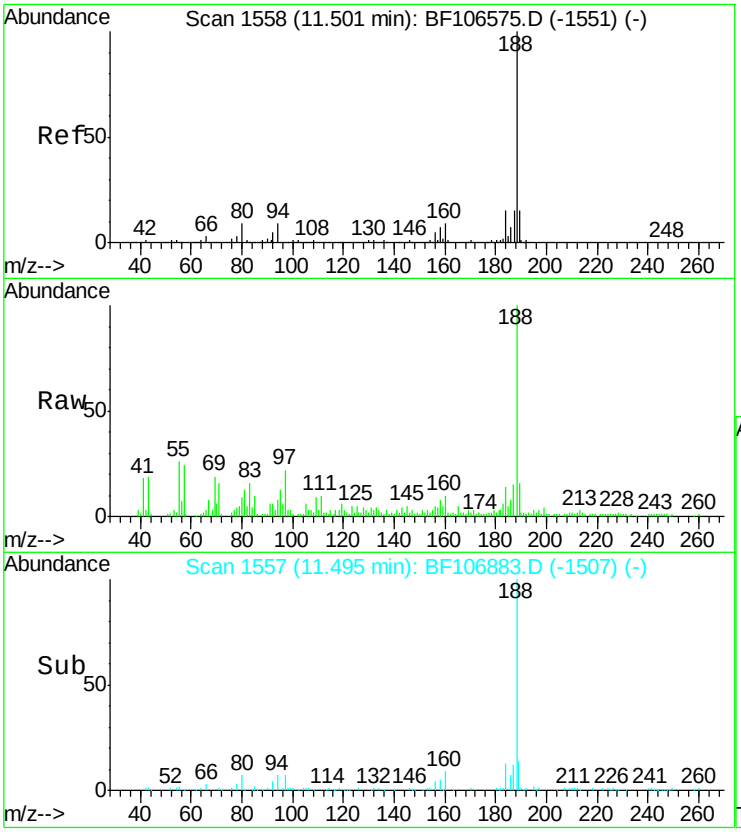


#61
4-Nitroaniline
Concen: 4.072 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.14 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:138 Resp: 2699

Ion	Ratio	Lower	Upper
138	100		
92	41.9	30.2	70.2
108	53.2	52.5	92.5



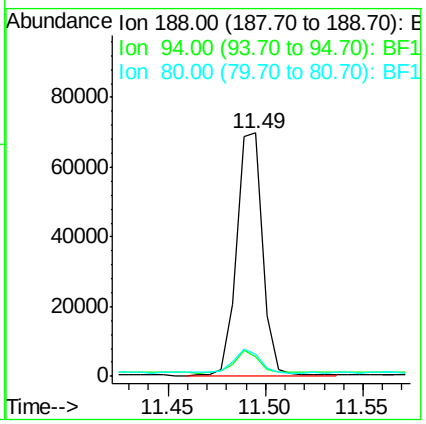


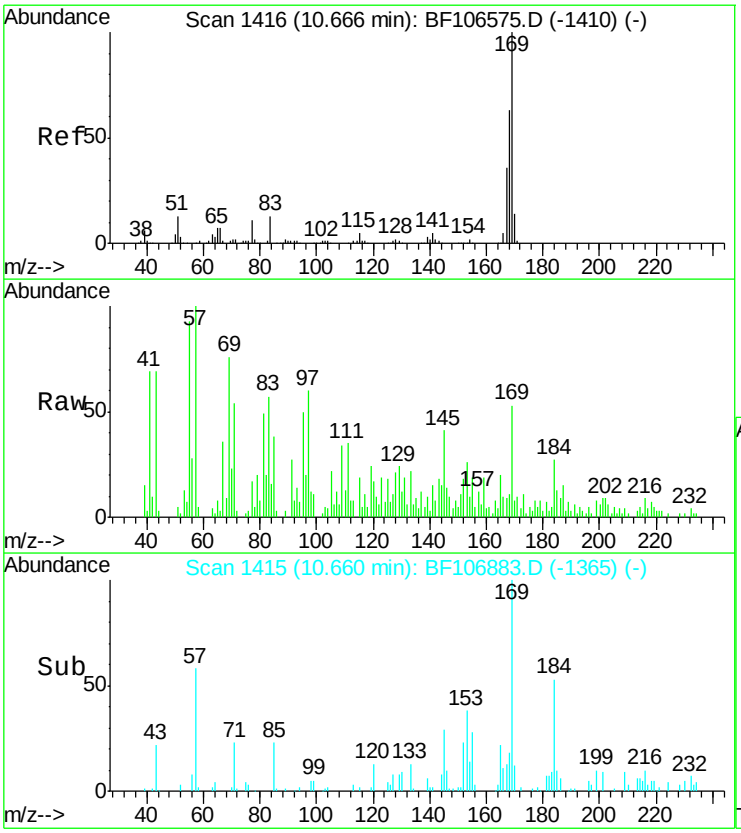
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:188 Resp: 65063

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.9	9.2	13.8#

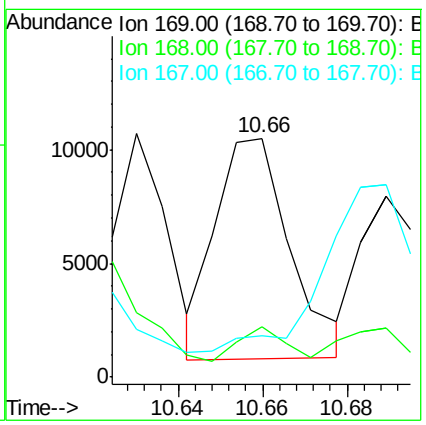


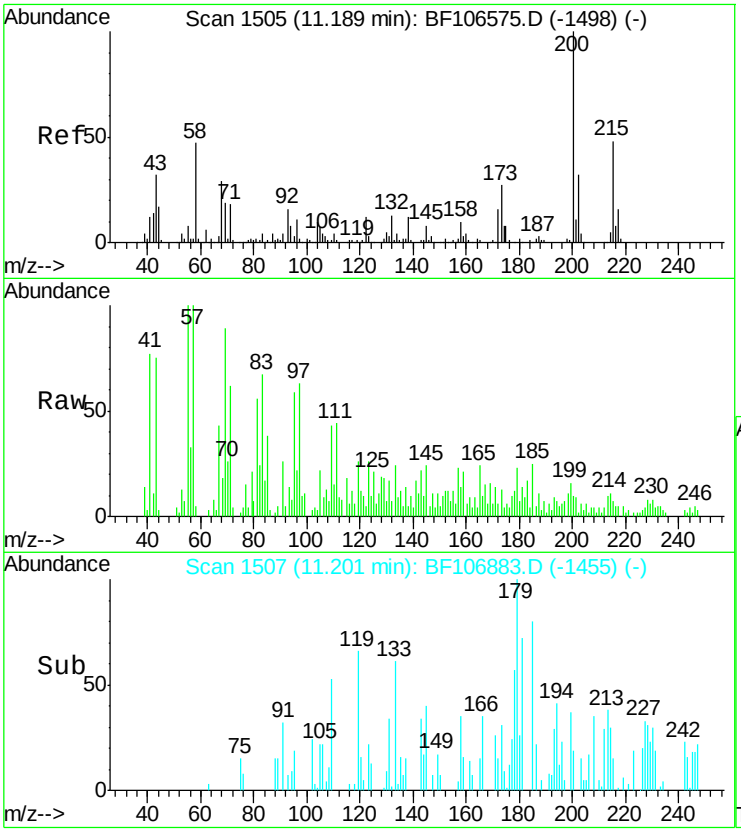


#65
n-Nitrosodiphenylamine
Concen: 5.438 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:169 Resp: 11900

Ion	Ratio	Lower	Upper
169	100		
168	20.8	54.4	81.6#
167	17.3	29.8	44.6#



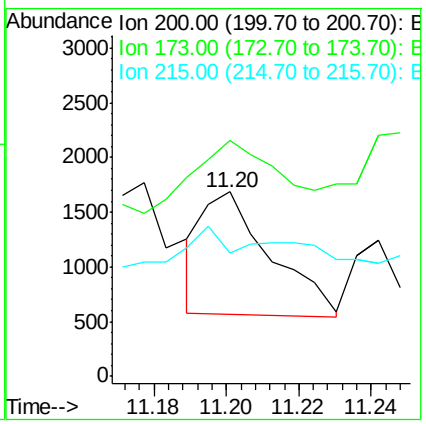


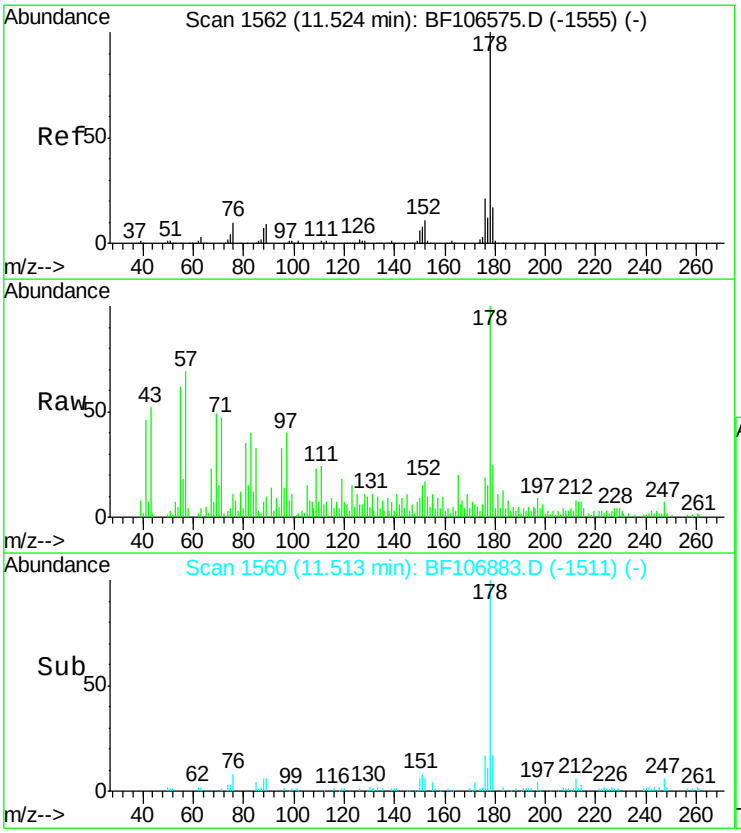
#68
Atrazine
Concen: 2.091 ng
RT: 11.20 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:200 Resp: 1455

Ion	Ratio	Lower	Upper
200	100		
173	128.1	8.6	48.6#
215	67.1	25.1	65.1#

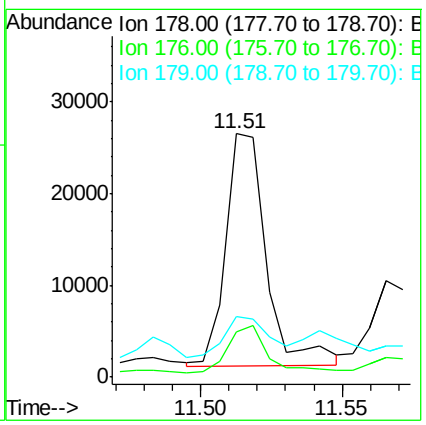


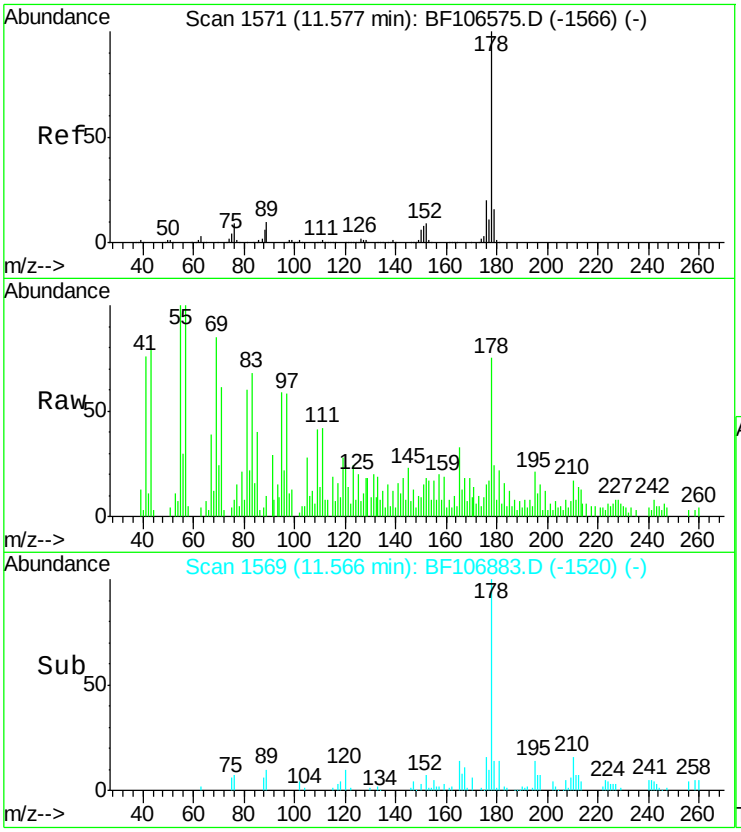


#70
Phenanthrene
Concen: 8.053 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:178 Resp: 25270

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	24.8	13.0	19.6#



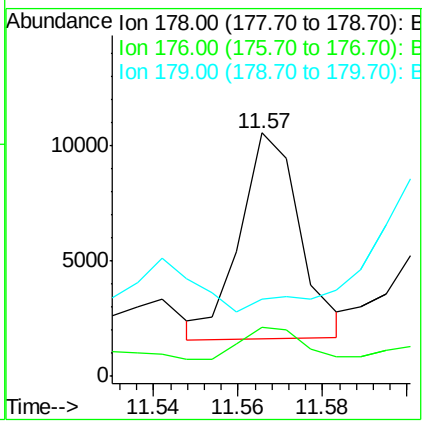


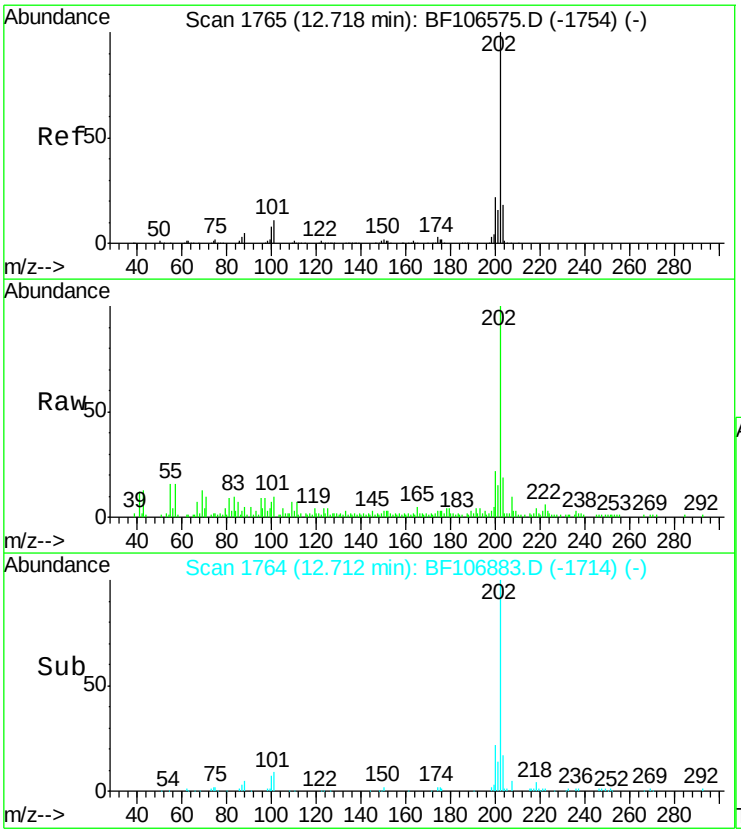
#71
Anthracene
Concen: 2.741 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:178 Resp: 8781

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	31.7	12.6	19.0#

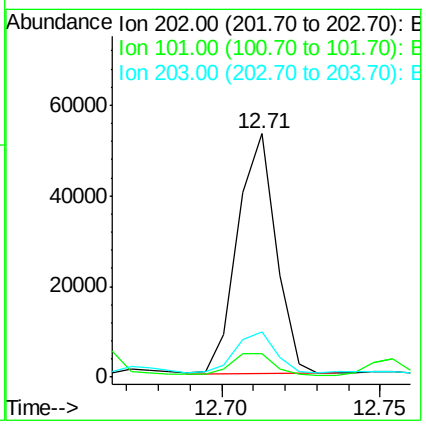


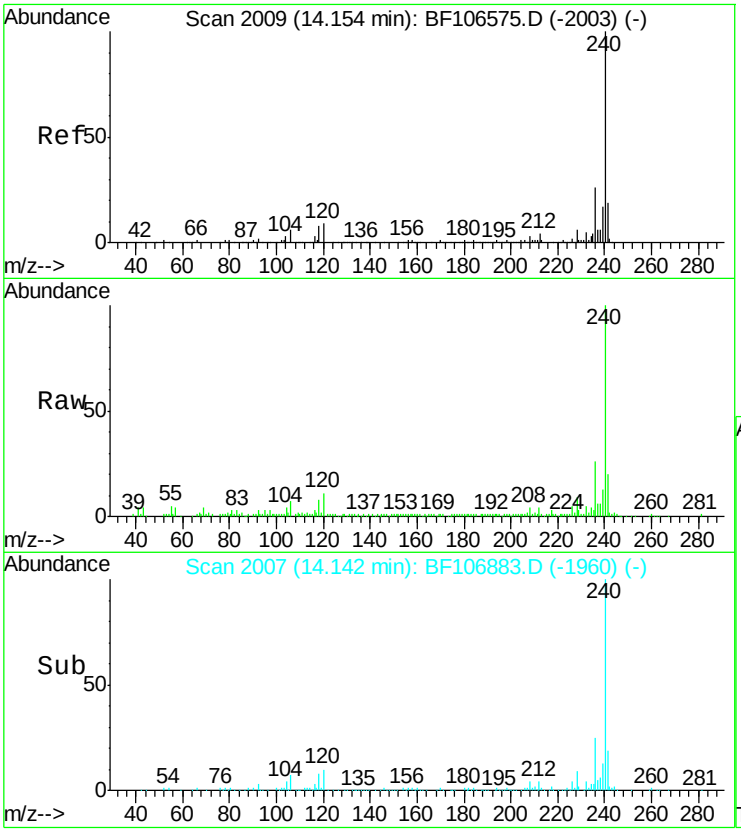


#74
Fluoranthene
Concen: 12.881 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:202 Resp: 44553

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	18.7	0.0	38.1



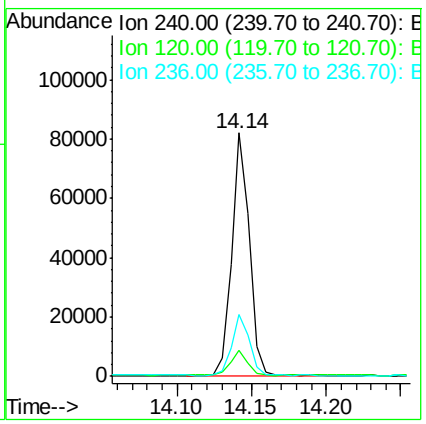


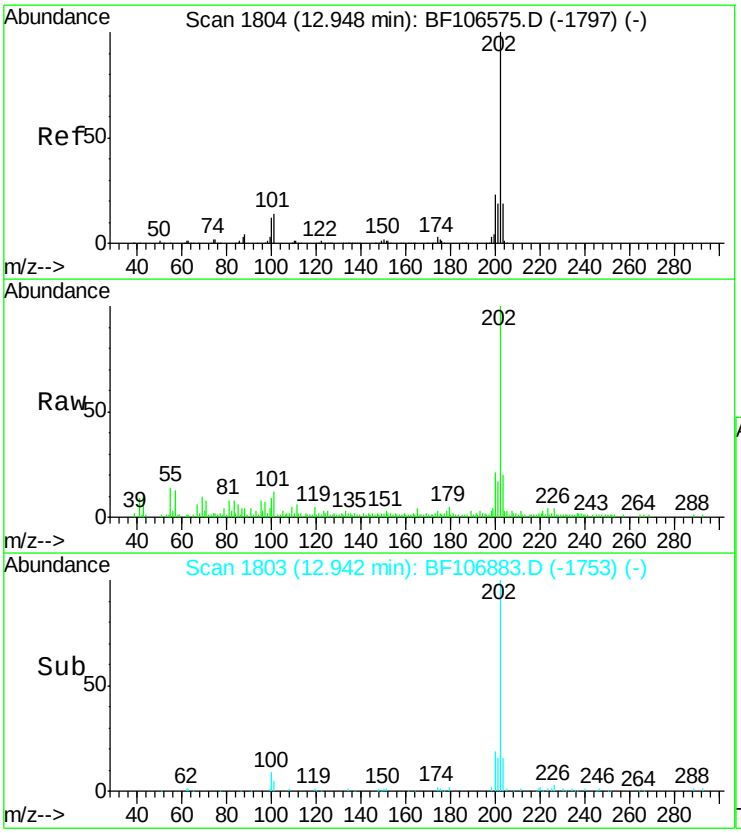
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:240 Resp: 69128

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.6	20.7	31.1

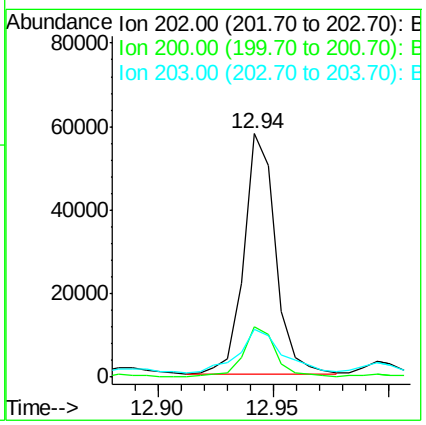


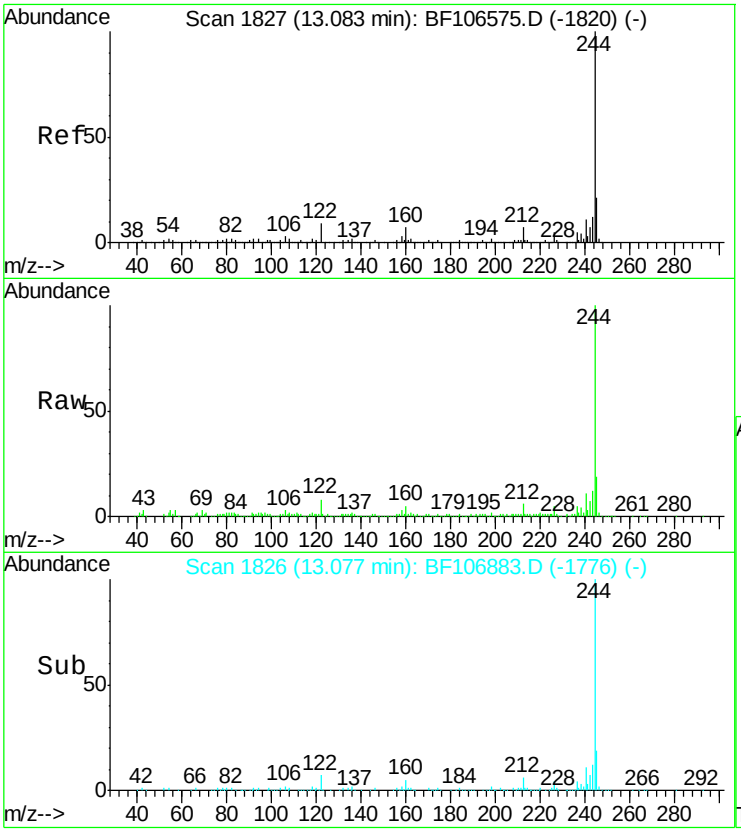


#77
Pyrene
Concen: 12.030 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:202 Resp: 54838

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	19.6	14.3	21.5



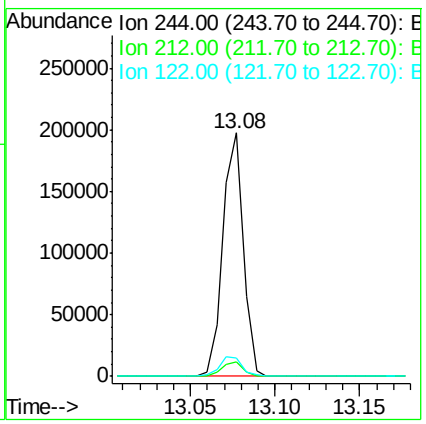


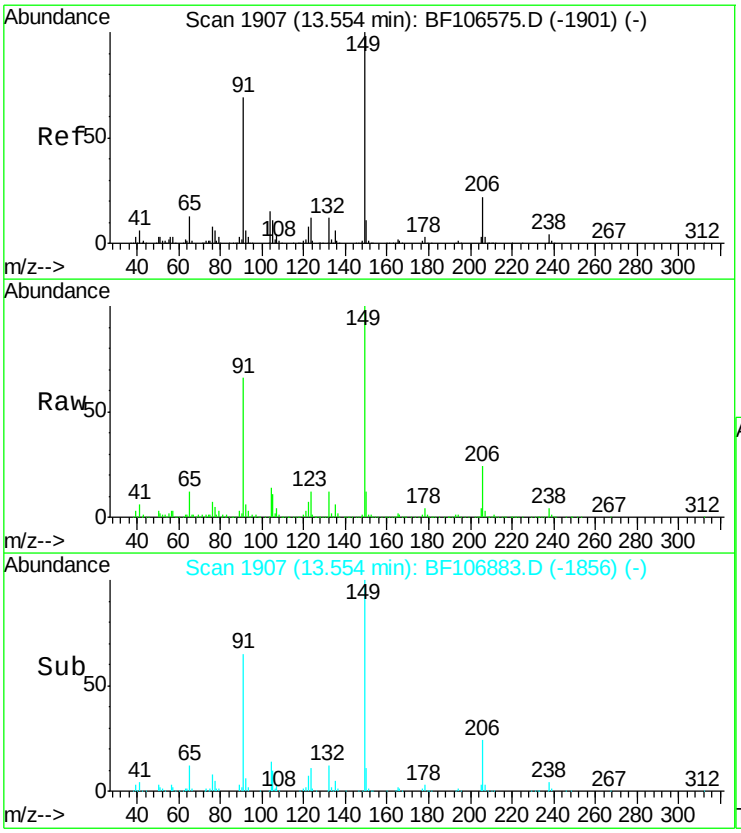
#78
Terphenyl-d14
Concen: 58.405 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:244 Resp: 166676

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	7.6	11.0	16.4#

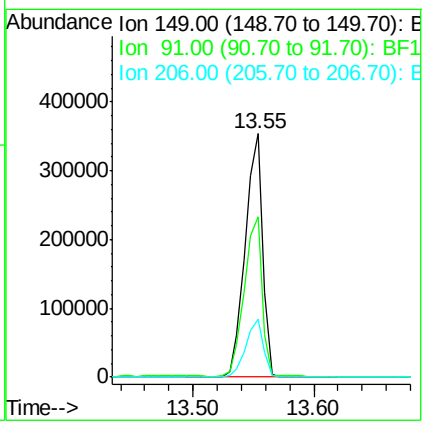


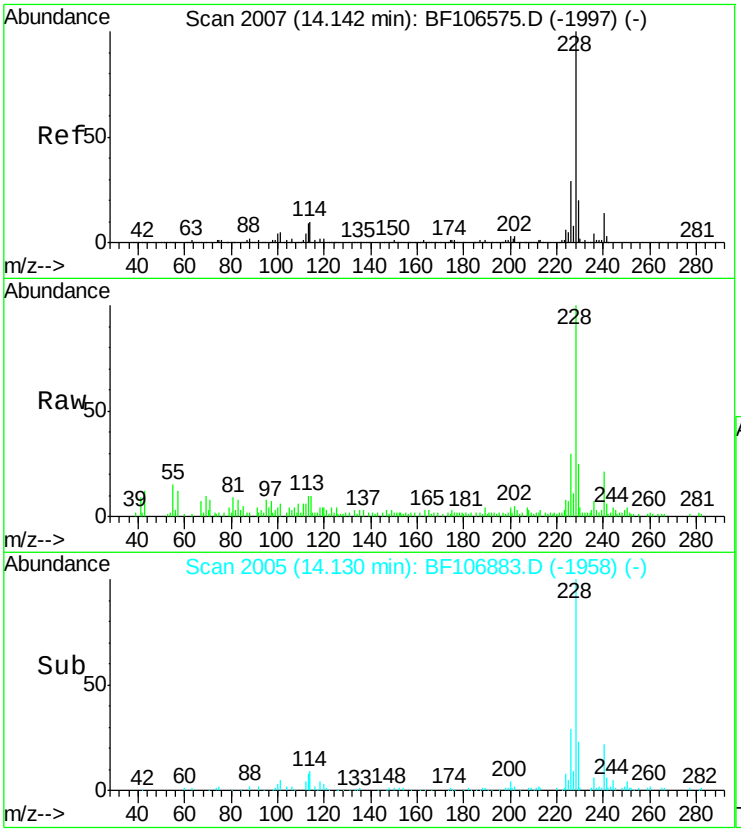


#79
Butylbenzylphthalate
Concen: 190.200 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:149 Resp: 356479

Ion	Ratio	Lower	Upper
149	100		
91	65.7	56.8	85.2
206	23.7	14.1	21.1#



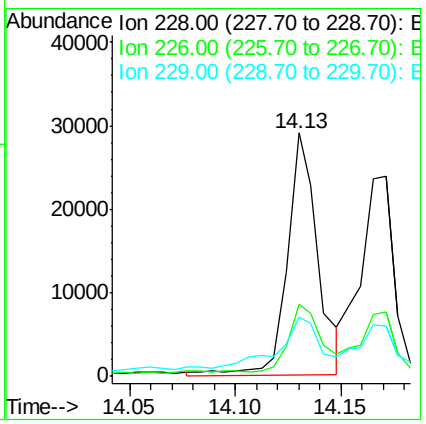


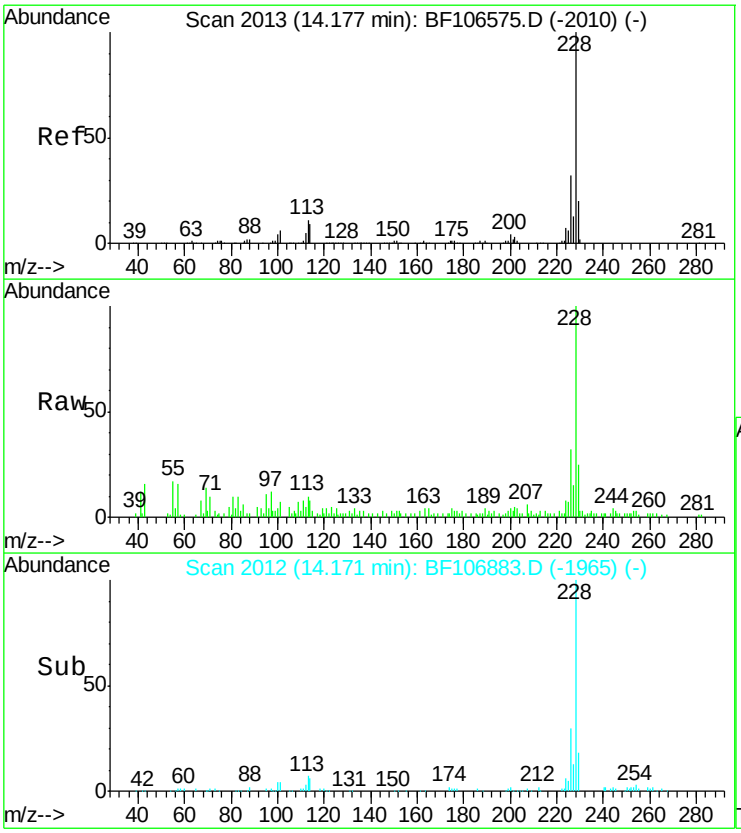
#80
Benzo(a)anthracene
Concen: 6.944 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:228 Resp: 29258

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	24.5	15.8	23.6#

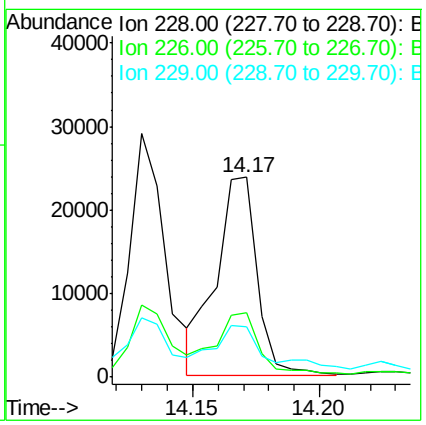


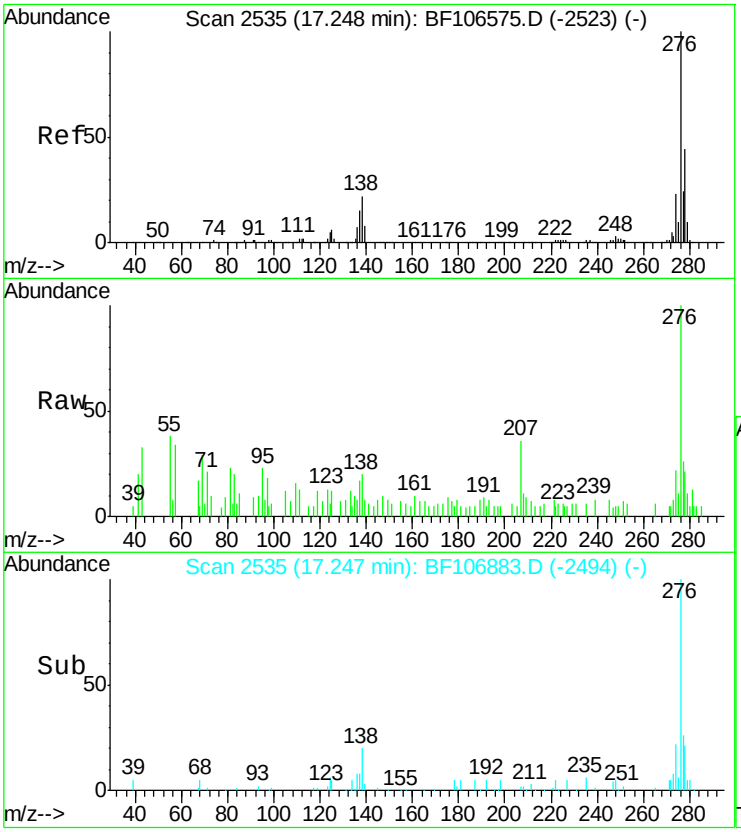


#82
Chrysene
Concen: 6.969 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:228 Resp: 27013

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	25.3	16.2	24.4#



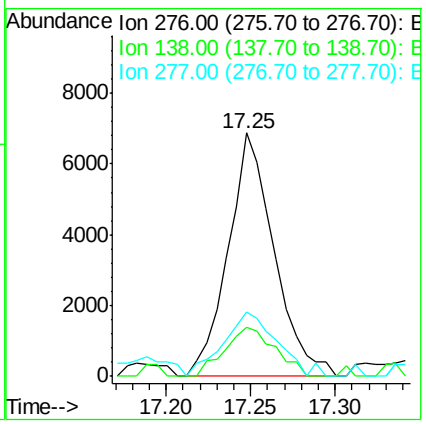


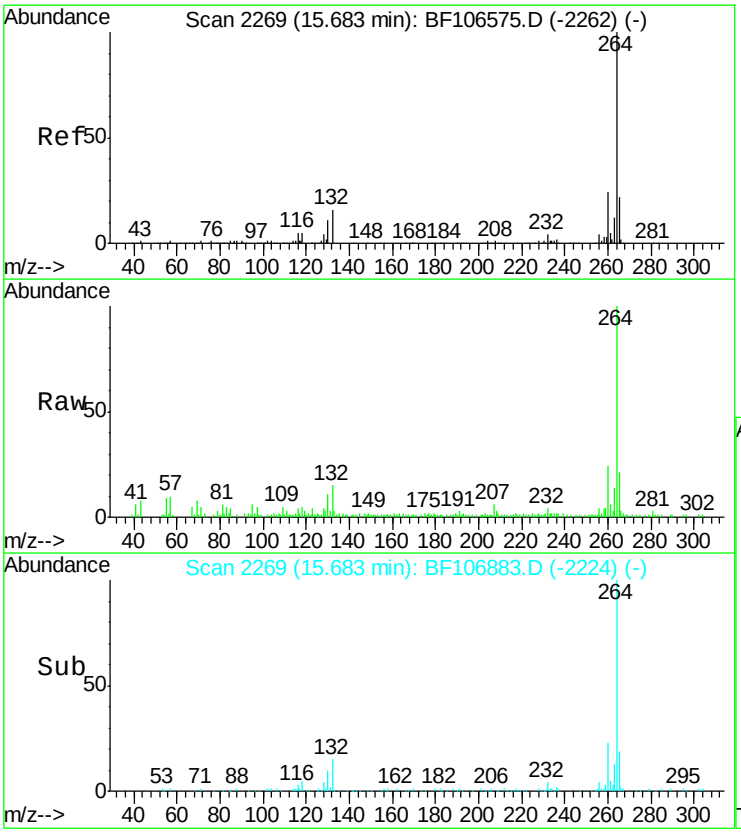
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.953 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.06 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:276 Resp: 13004

Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	30.9	20.1	30.1#

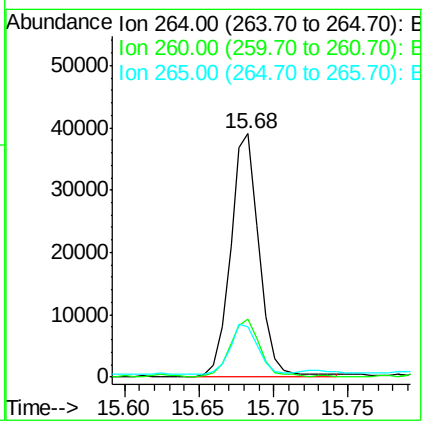


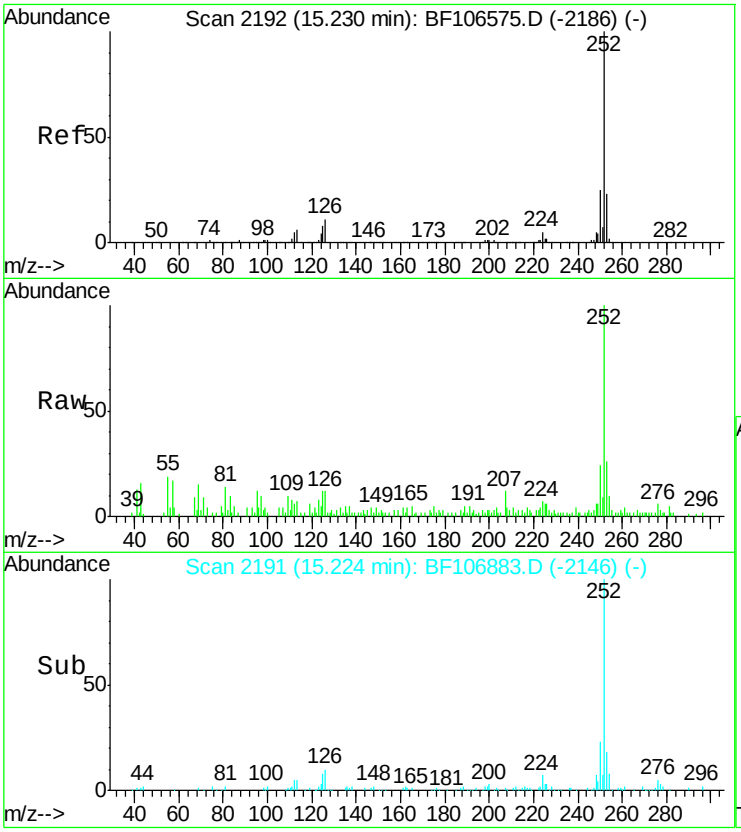


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:264 Resp: 52332

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.7	17.5	26.3



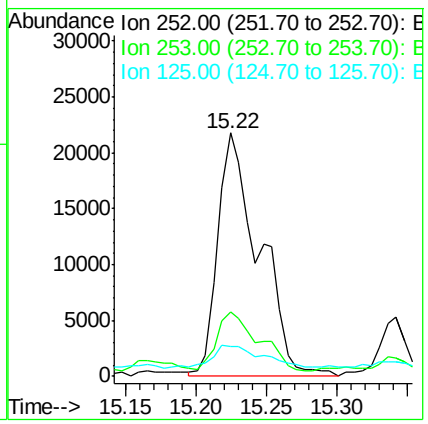


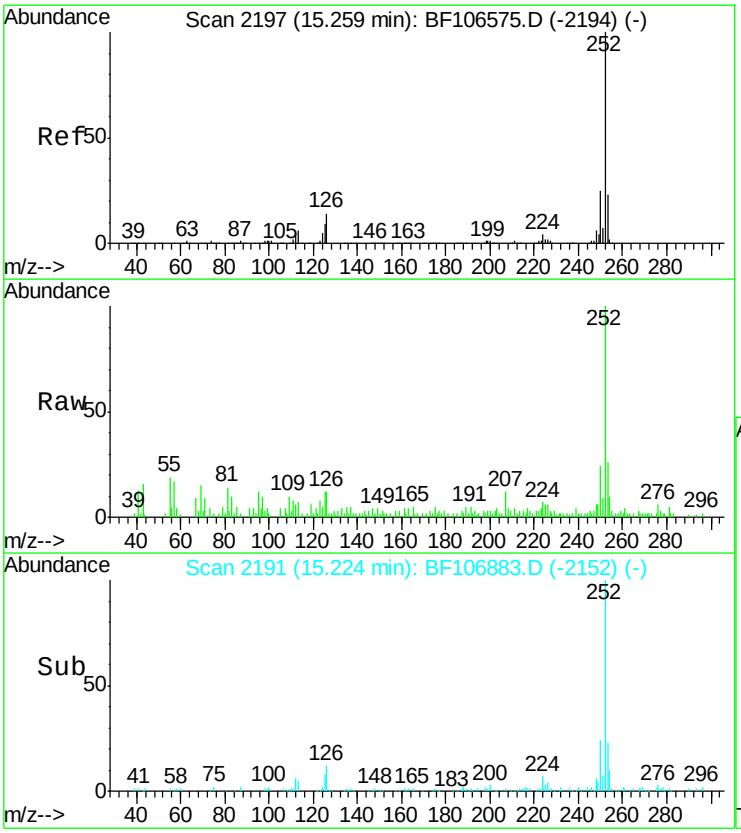
#87
Benzo(b)fluoranthene
Concen: 13.783 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:252 Resp: 44805

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	12.2	9.0	13.6

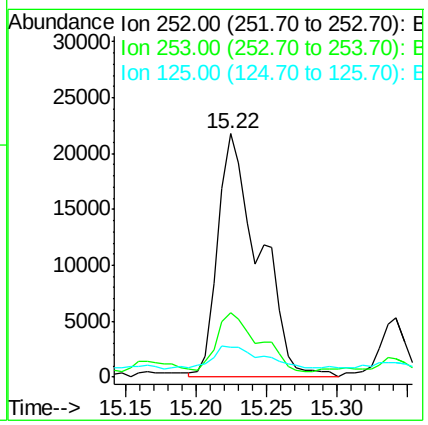


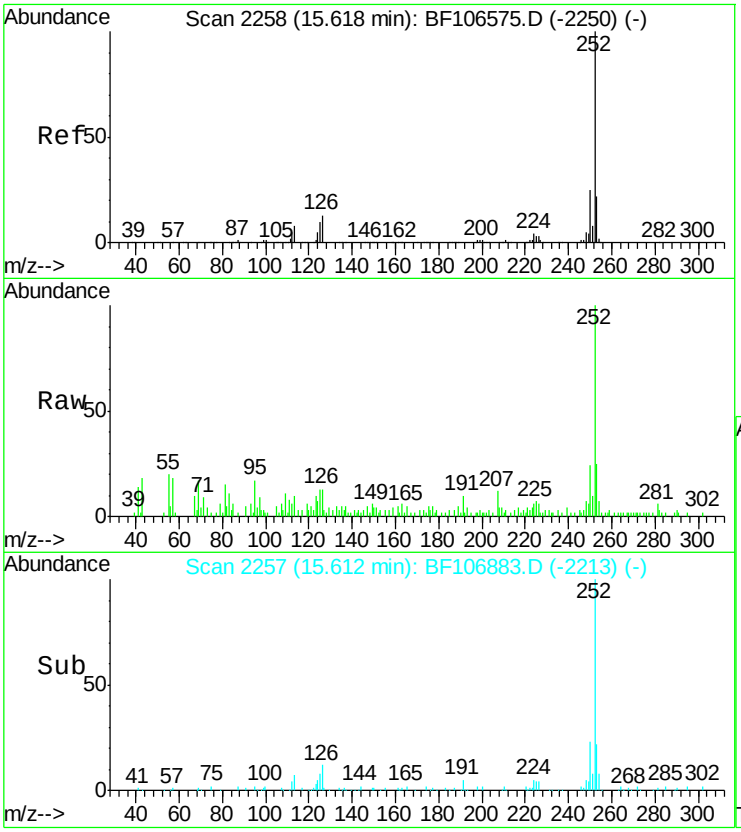


#88
Benzo(k)fluoranthene
Concen: 14.473 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.07 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:252 Resp: 44805

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.9	26.9
125	12.2	10.2	15.2



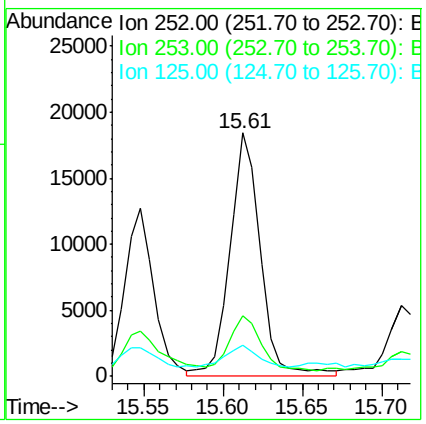


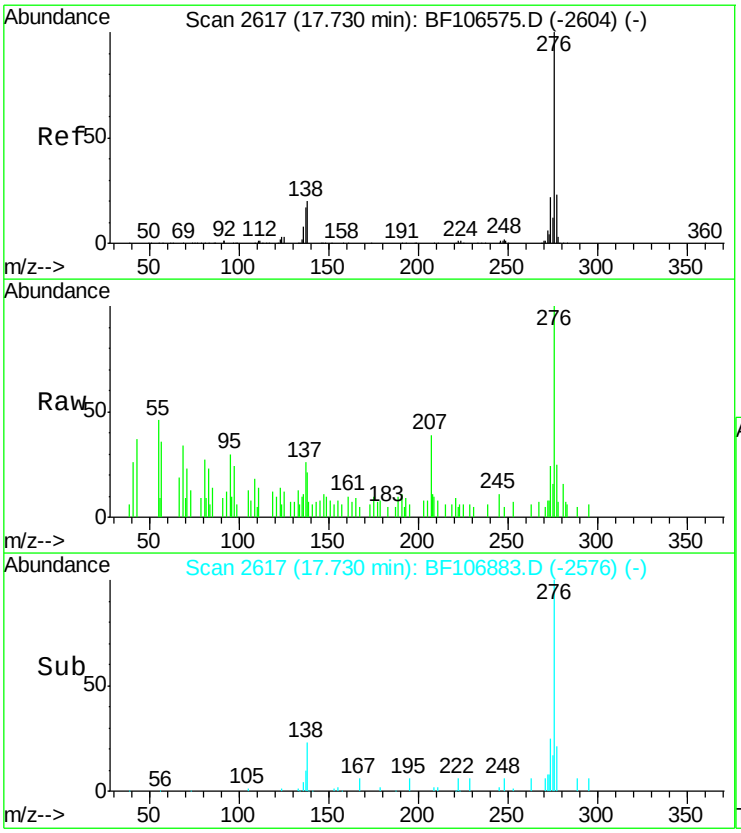
#89
Benzo(a)pyrene
Concen: 8.506 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tgt Ion:252 Resp: 24583

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	12.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.496 ng
RT: 17.73 min Scan# 2617
Delta R.T. -0.06 min
Lab File: BF106883.D
Acq: 27 Jun 2018 20:14

Tgt Ion:276 Resp: 13156

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	21.2	21.8	32.8#