Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106393.D
Acq On : 13 Jun 2018 16:11
Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 02:20:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	139299	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	527886	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	256970	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	508357	20.00	ng		0.00
75) Chrysene-d12	14.15	240	375554	20.00	ng		-0.01
86) Perylene-d12	15.68	264	384781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	845172	102.69	ng		-0.02
7) Phenol-d6	6.61	99	1065187	102.44	ng		-0.02
23) Nitrobenzene-d5	7.52	82	672646	74.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	308615	124.82	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	998727	63.34	ng		0.00
78) Terphenyl-d14	13.08	244	1138906	75.32	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.62	94	28068	2.473	ng	#	15
25) Isophorone	7.52	82	672646	38.378	ng	#	64
32) Benzoic acid	8.03	122	1119	7.462	ng	#	26
35) Caprolactam	8.66	113	25096	10.365	ng	#	45
49) Dimethylphthalate	9.71	163	205824	11.211	ng	#	90
53) 2,4-Dinitrophenol	10.20	184	1216	9.244	ng	#	1
57) Fluorene	10.55	166	41388	2.464	ng	#	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	872	6.571	ng	#	1
65) n-Nitrosodiphenylamine	10.67	169	90918	5.321	ng	#	44
70) Phenanthrene	11.52	178	106333	4.271	ng		96
71) Anthracene	11.52	178	106333	4.263	ng		97
74) Fluoranthene	12.72	202	267956	10.092	ng		96
77) Pyrene	12.94	202	252035	10.719	ng		99
80) Benzo(a)anthracene	14.14	228	147641	6.606	ng		98
82) Chrysene	14.17	228	118998	5.832	ng		97
85) Indeno(1,2,3-cd)pyrene	17.24	276	63141	3.877	ng		92
87) Benzo(b)fluoranthene	15.22	252	195875	8.421	ng		98
89) Benzo(a)pyrene	15.62	252	112116	5.359	ng		96
91) Benzo(g,h,i)perylene	17.71	276	58672	3.461	ng	#	93

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

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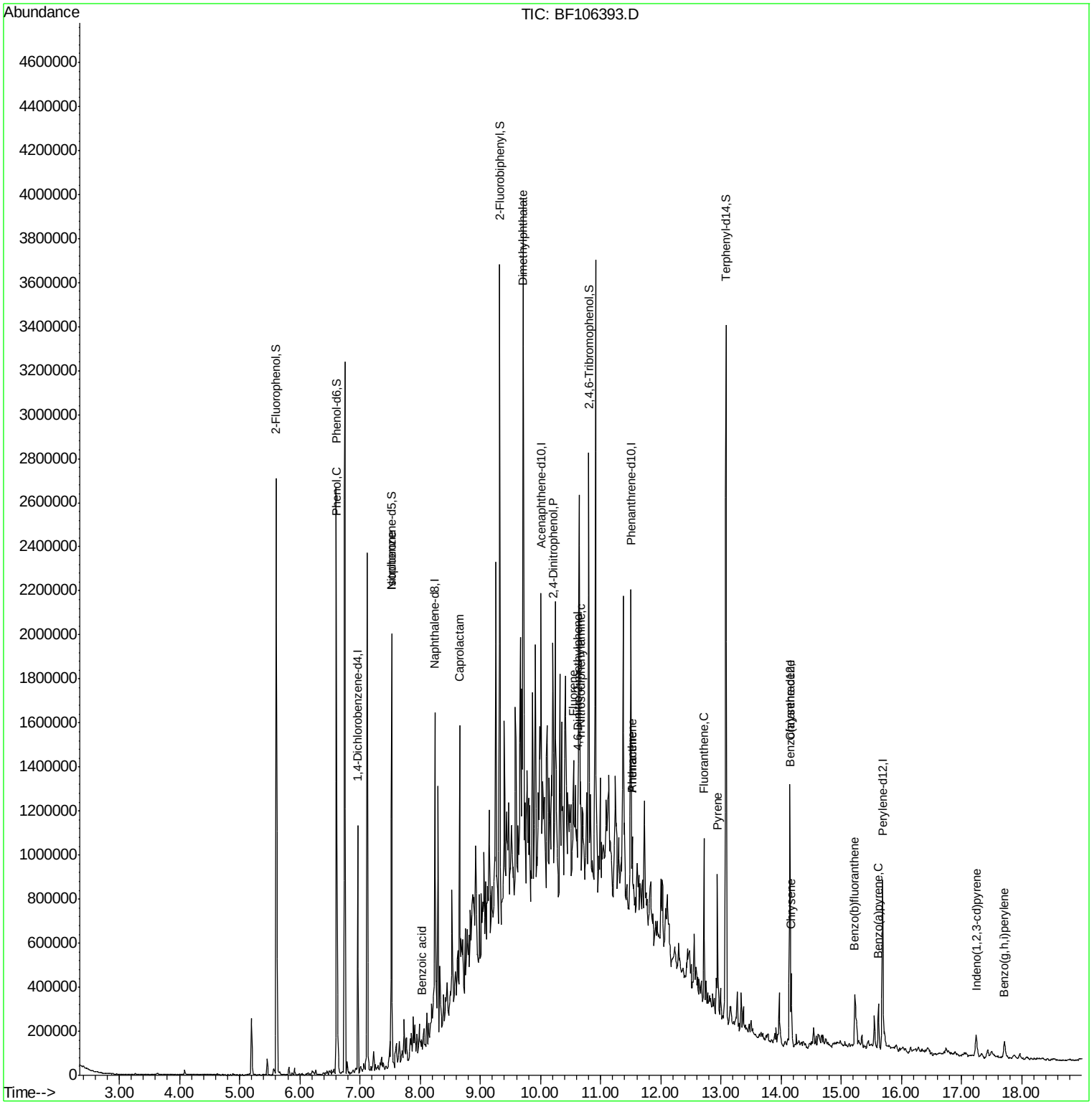
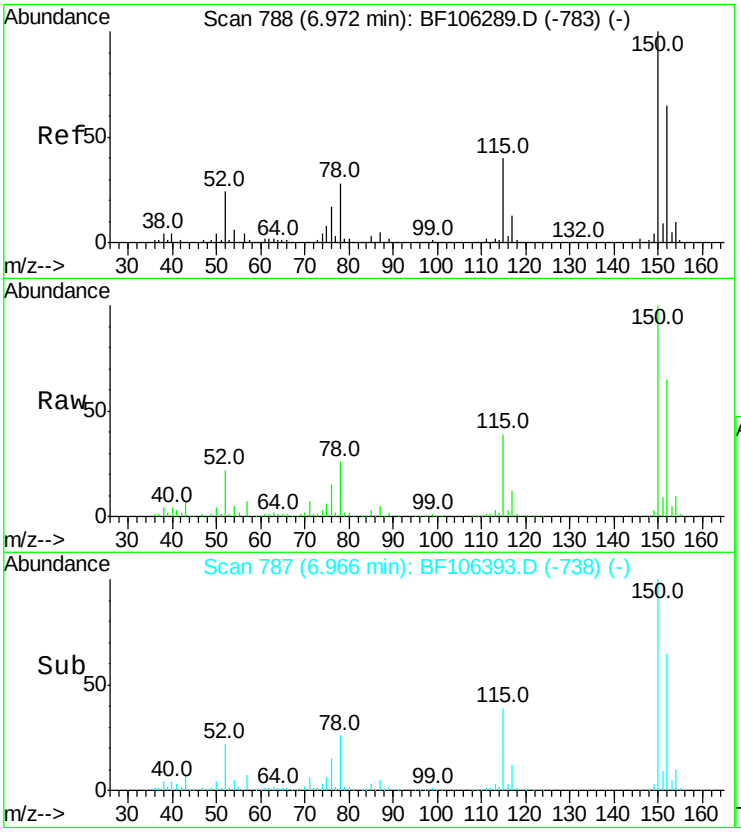


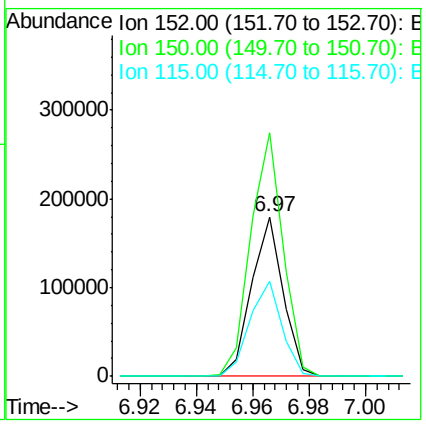


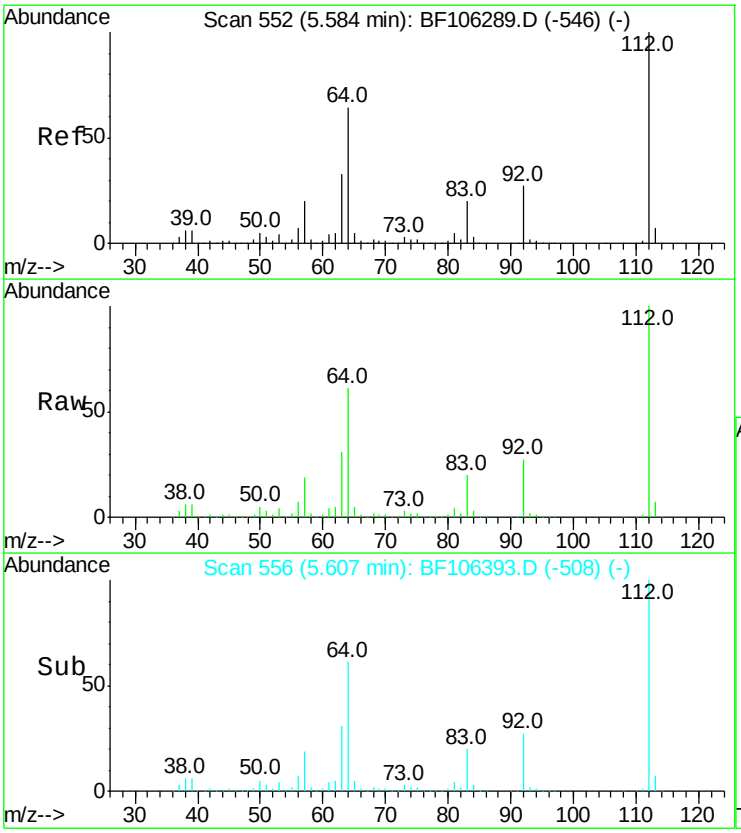
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 139299

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	59.5	50.1	75.1

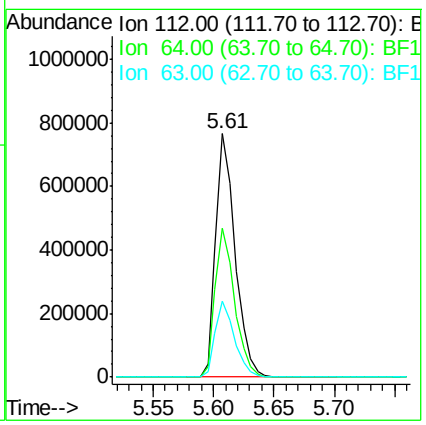


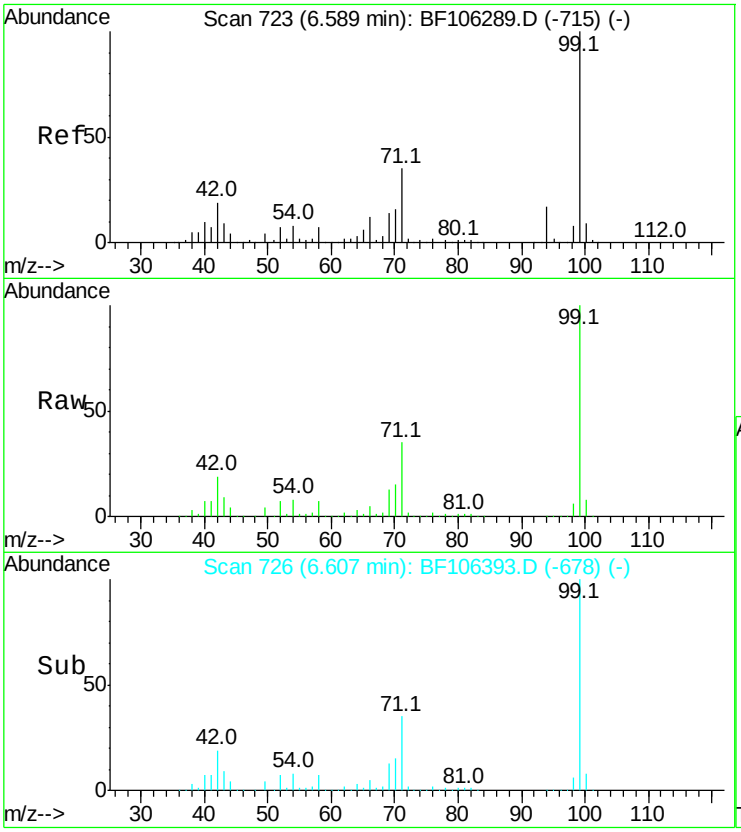


#5
2-Fluorophenol
Concen: 102.689 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:112 Resp: 845172

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	31.1	23.7	35.5



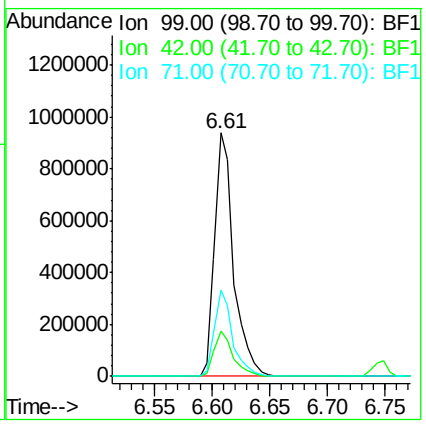


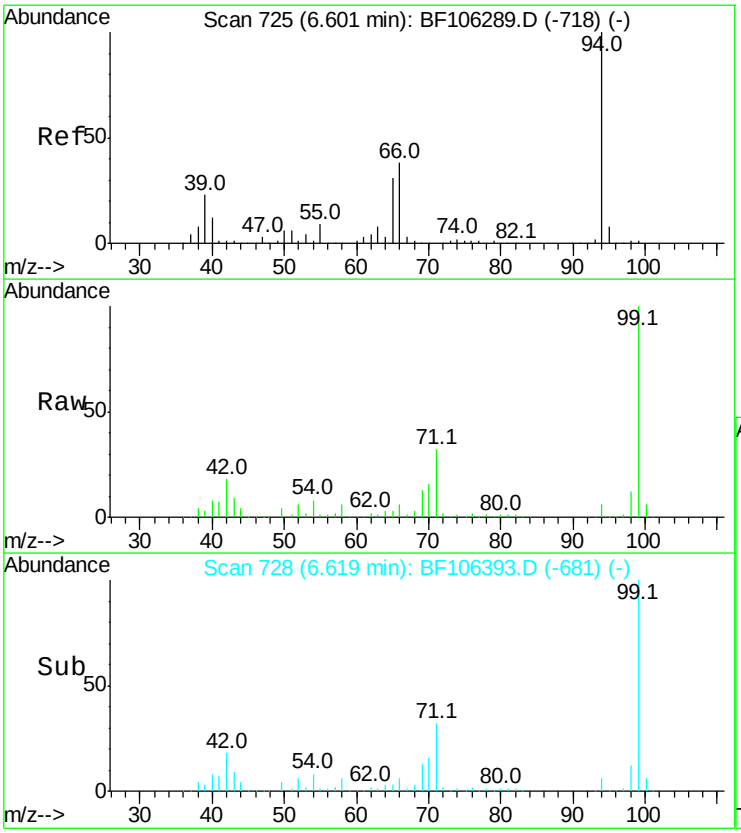
#7
Phenol-d6
Concen: 102.438 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1065187

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	35.4	25.4	38.0

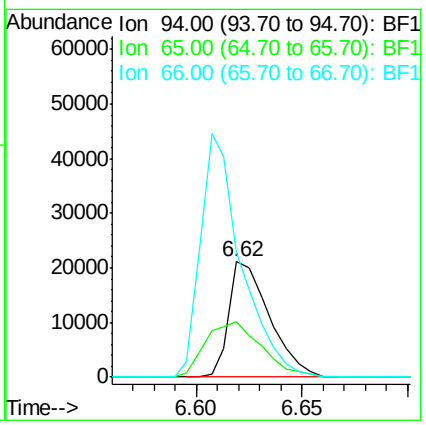


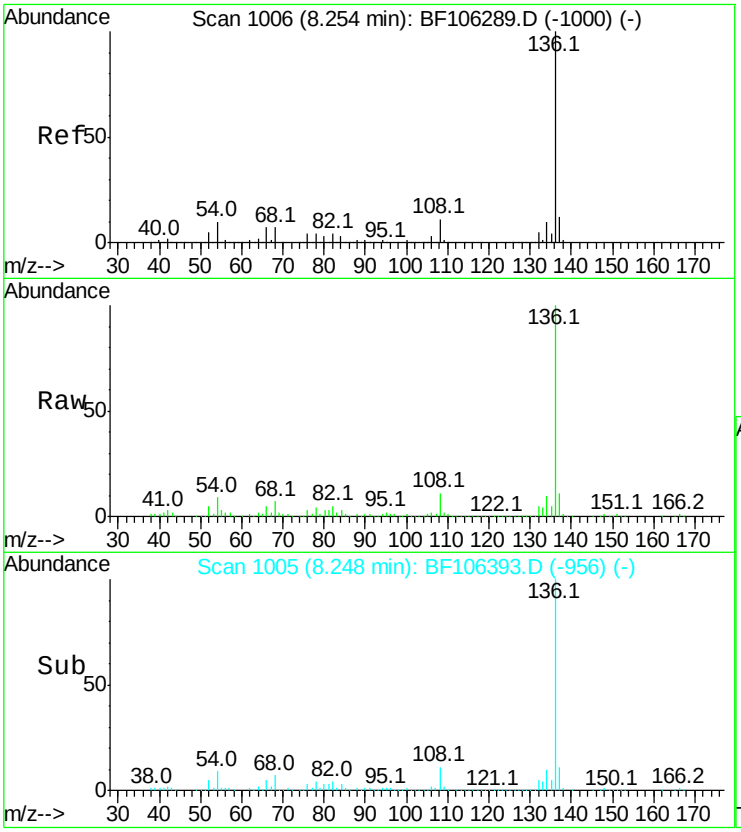


#10
Phenol
Concen: 2.473 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion: 94 Resp: 28068

Ion	Ratio	Lower	Upper
94	100		
65	48.3	7.9	47.9#
66	107.6	16.2	56.2#



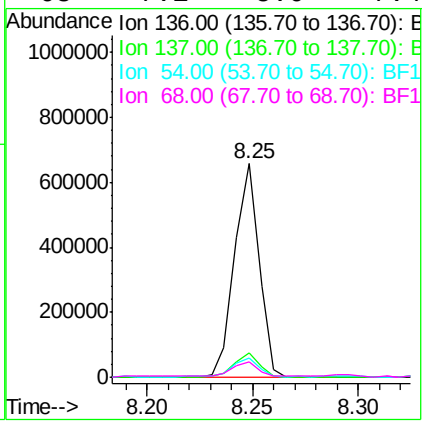


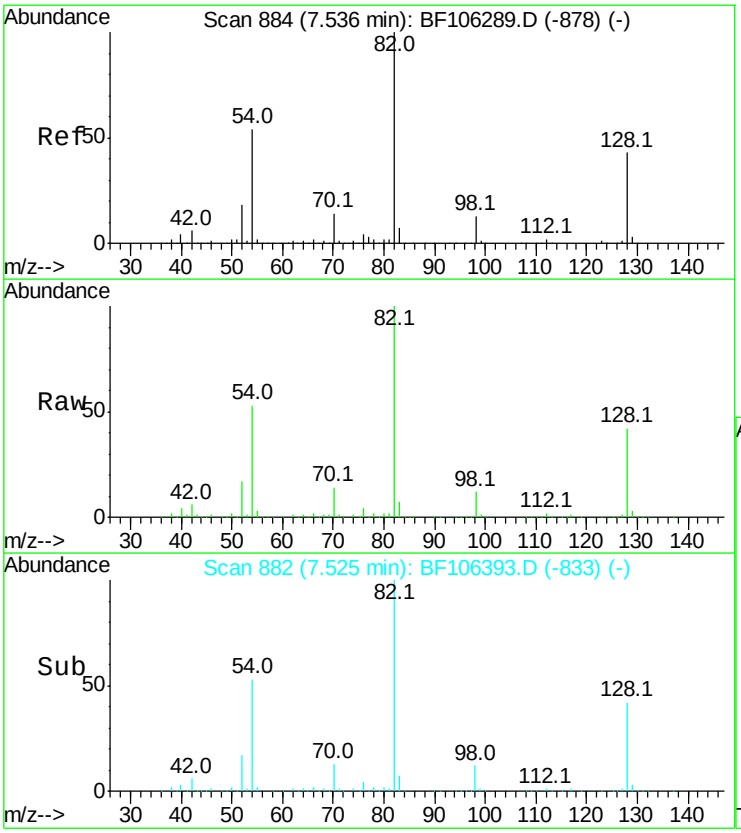
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 527886

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.8	6.6	9.8
68	7.1	5.0	7.4

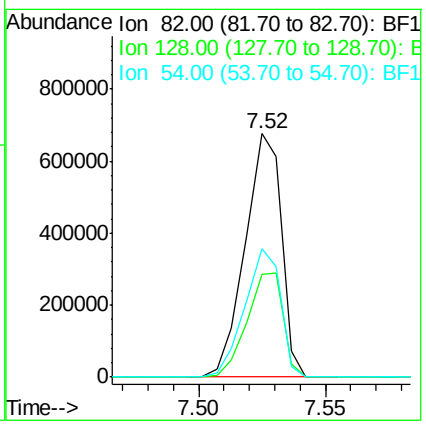


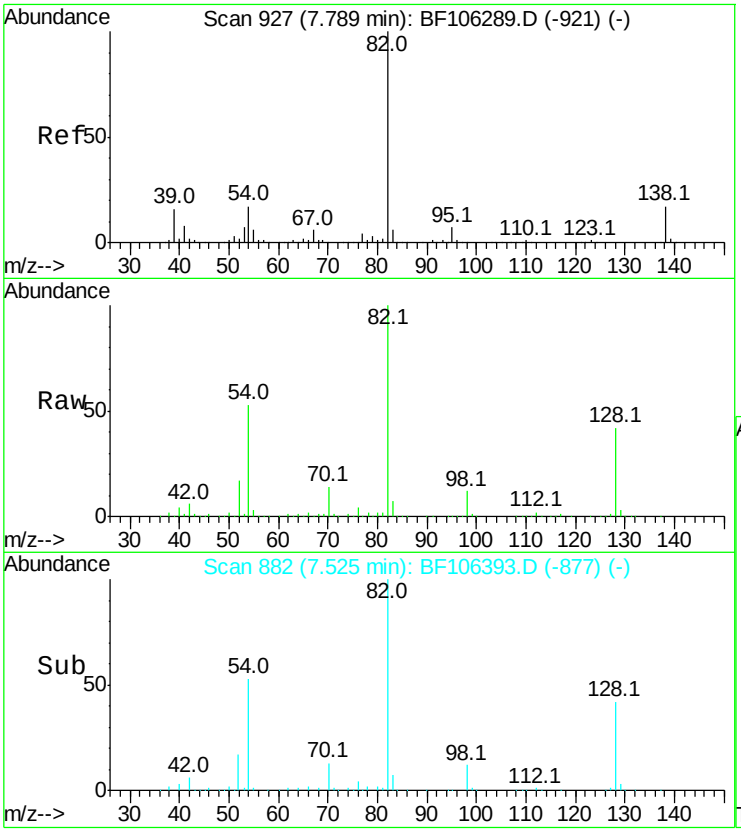


#23
Nitrobenzene-d5
Concen: 74.961 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion: 82 Resp: 672646

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	52.5	41.4	62.2



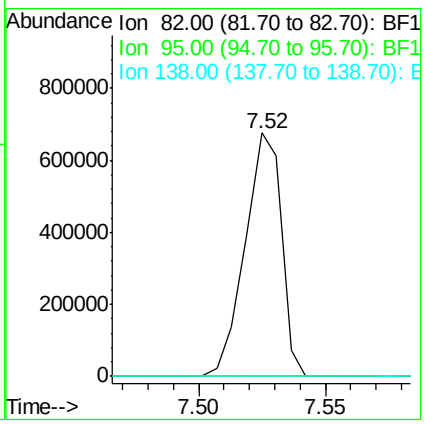


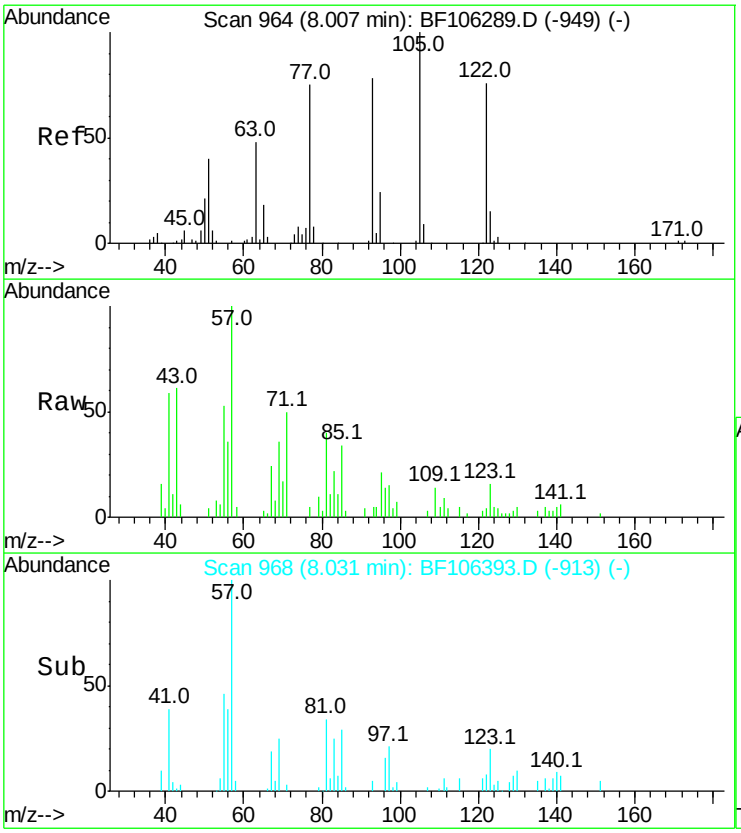
#25
Isophorone
Concen: 38.378 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 672646

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#

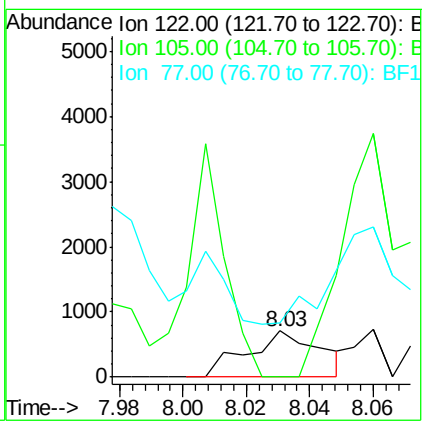


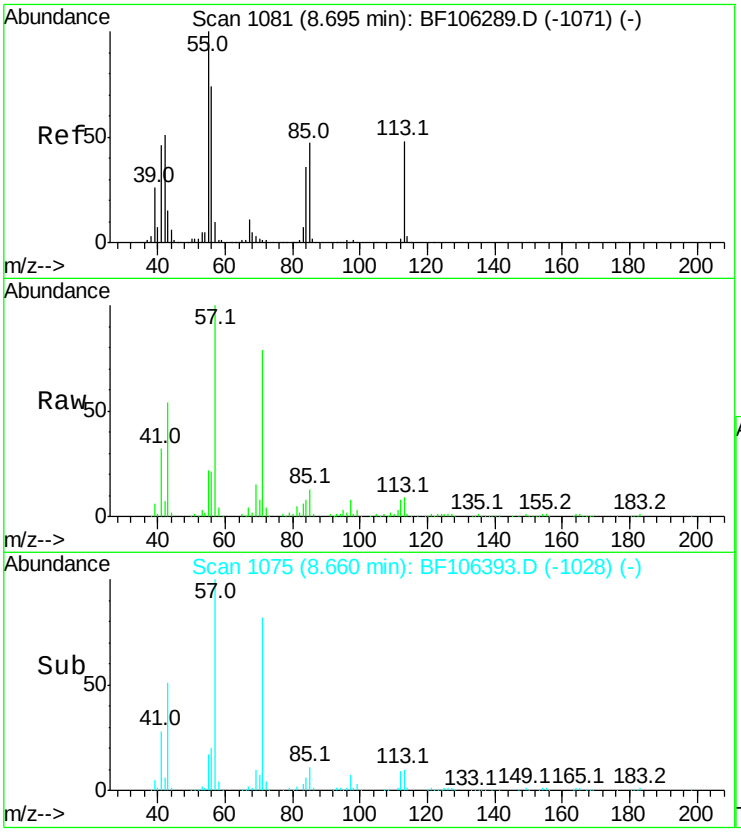


#32
Benzoic acid
Concen: 7.462 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.02 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:122 Resp: 1119

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	118.1	70.7	110.7#



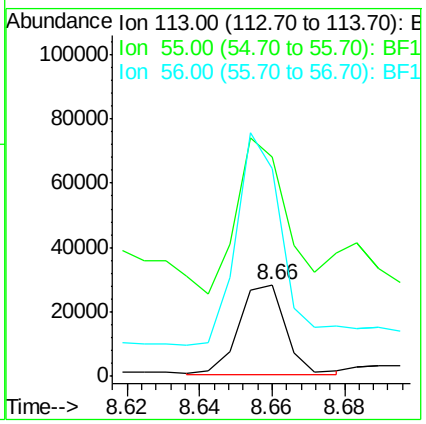


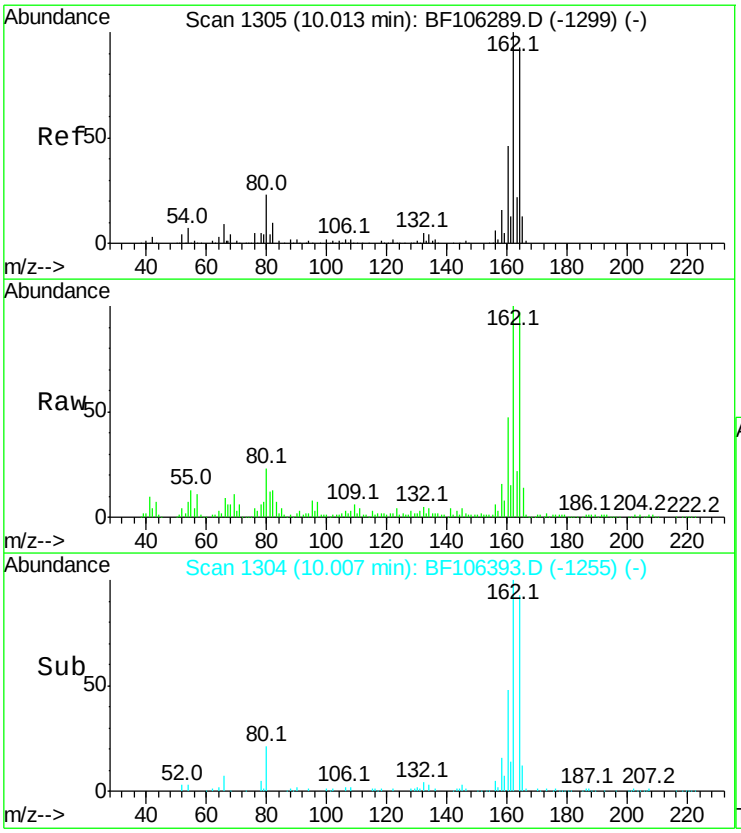
#35
Caprolactam
Concen: 10.365 ng
RT: 8.66 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 25096

Ion	Ratio	Lower	Upper
113	100		
55	239.5	163.3	203.3#
56	227.6	115.7	155.7#

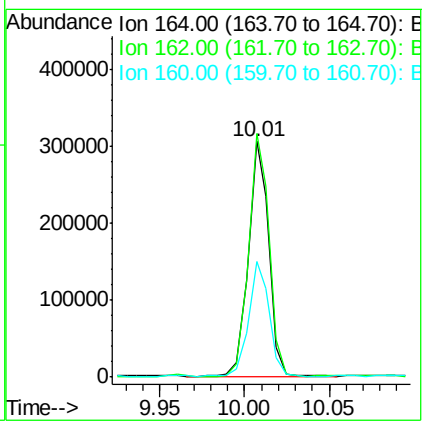


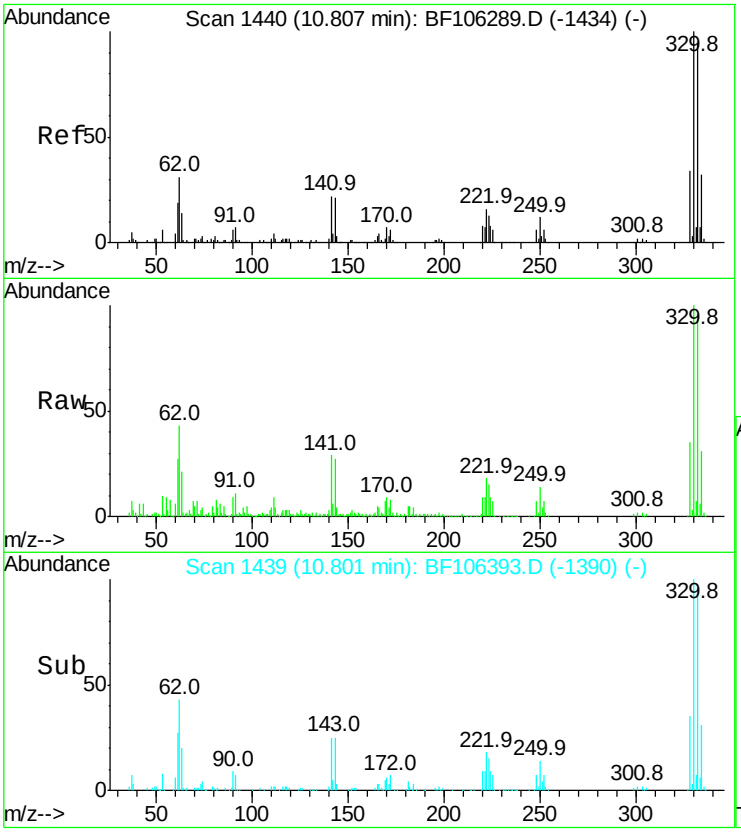


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:164 Resp: 256970

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	48.9	38.3	57.5



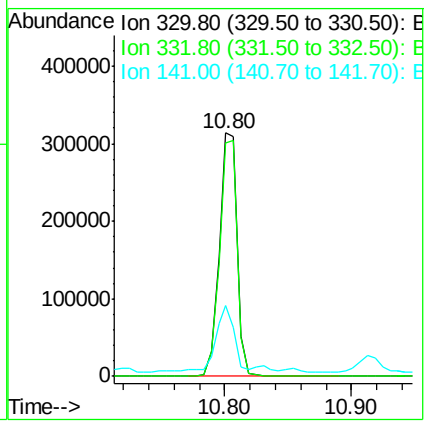


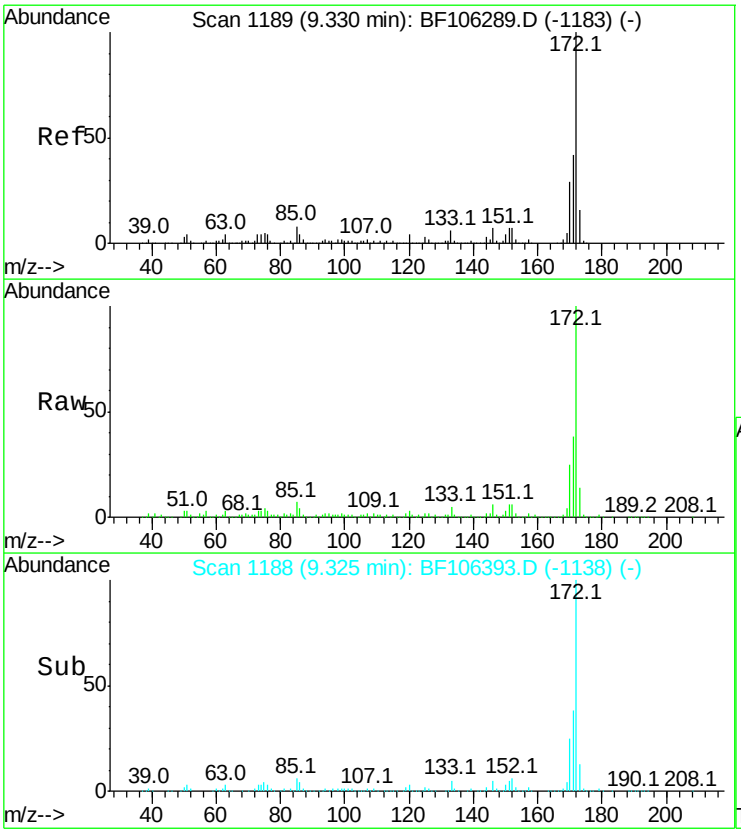
#41
2,4,6-Tribromophenol
Concen: 124.819 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 308615

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.8	29.9	44.9#

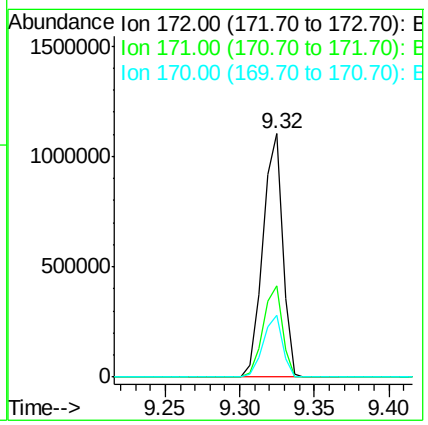


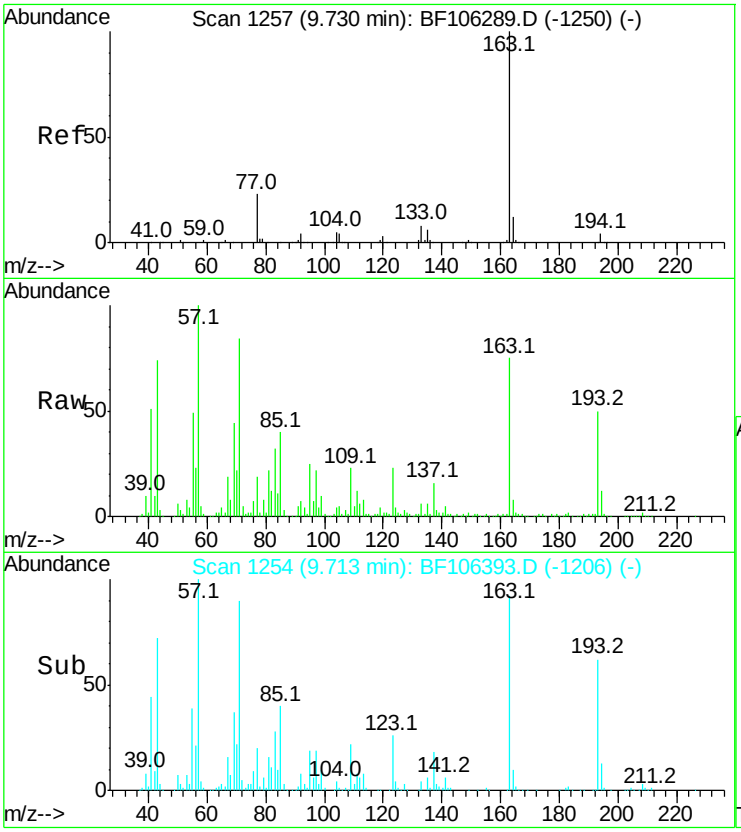


#44
2-Fluorobiphenyl
Concen: 63.336 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:172 Resp: 998727

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.4	19.6	29.4



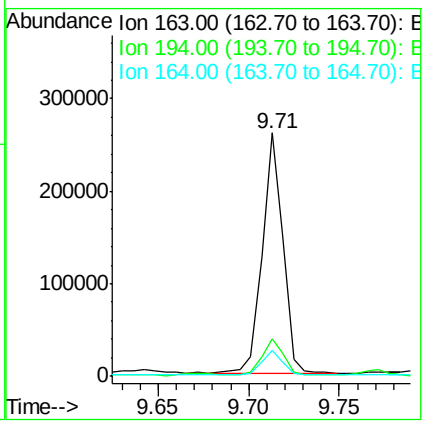


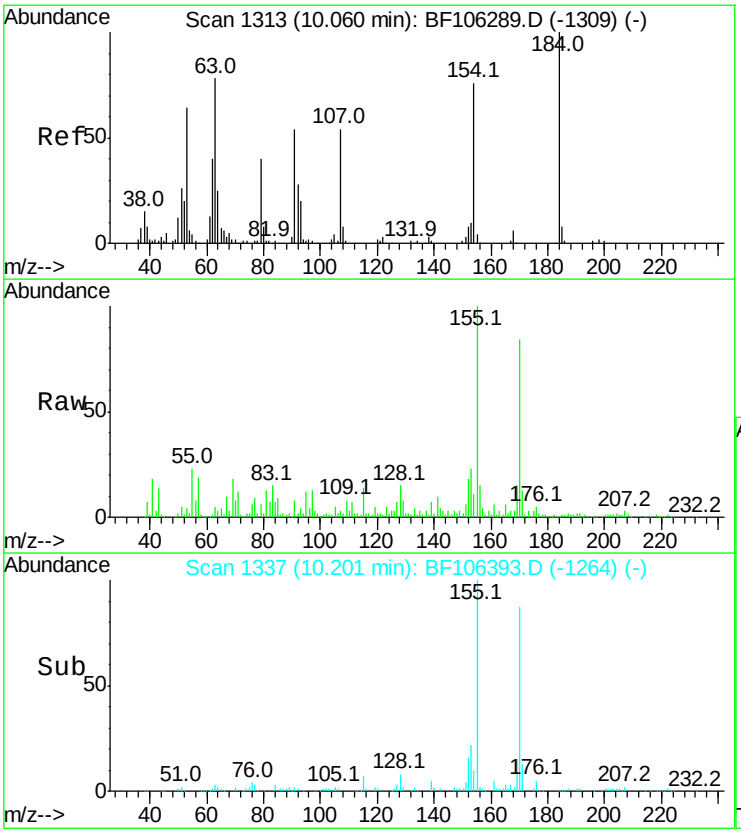
#49
Dimethylphthalate
Concen: 11.211 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 205824

Ion	Ratio	Lower	Upper
163	100		
194	15.4	2.7	4.1#
164	10.7	8.2	12.2

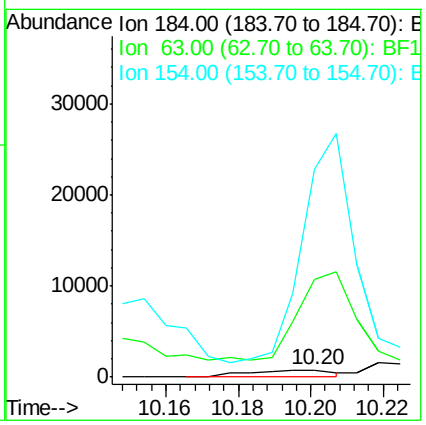


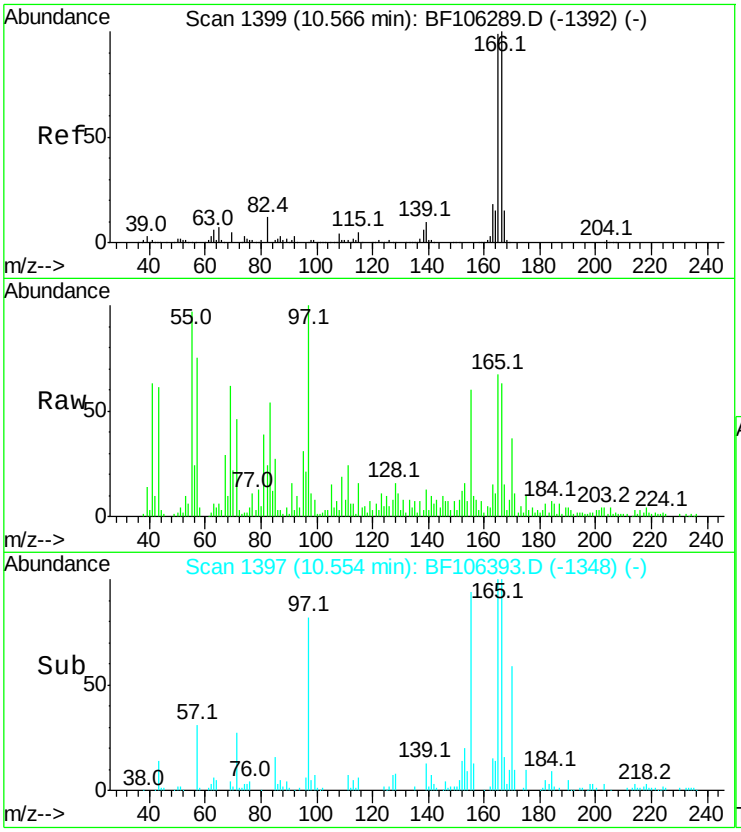


#53
2,4-Dinitrophenol
Concen: 9.244 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.13 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:184 Resp: 1216

Ion	Ratio	Lower	Upper
184	100		
63	1382.1	54.2	81.2#
154	2936.8	184.0	276.0#



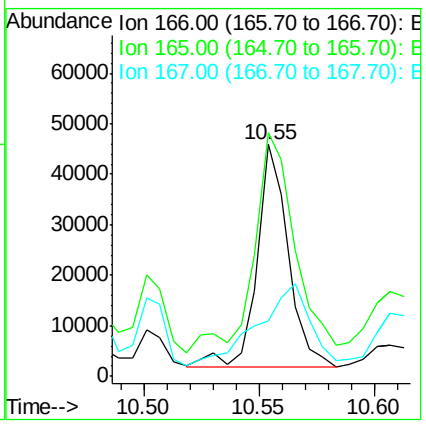


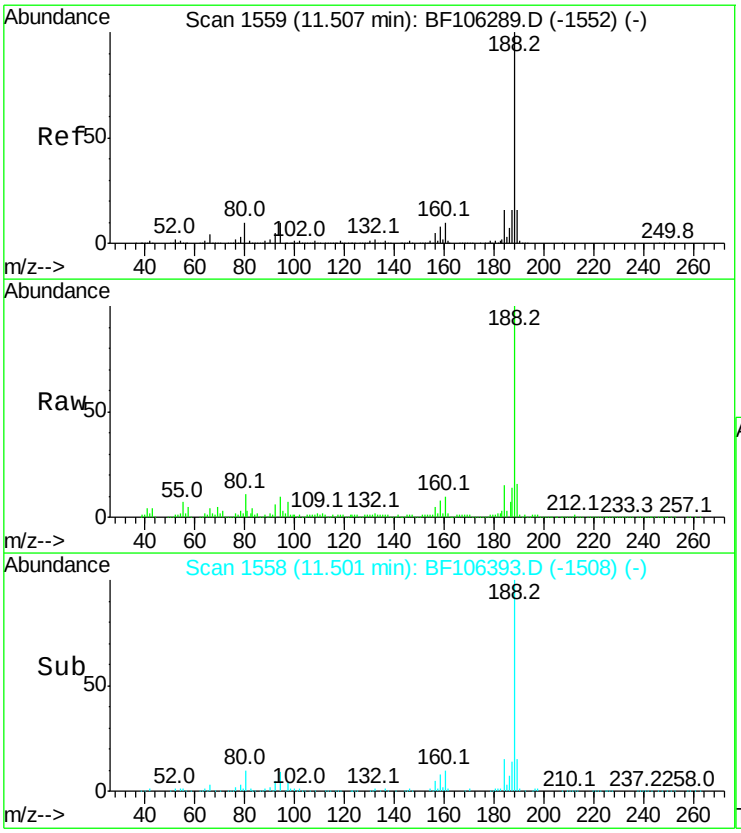
#57
Fluorene
Concen: 2.464 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 41388

Ion	Ratio	Lower	Upper
166	100		
165	105.2	79.8	119.8
167	24.2	10.6	16.0#

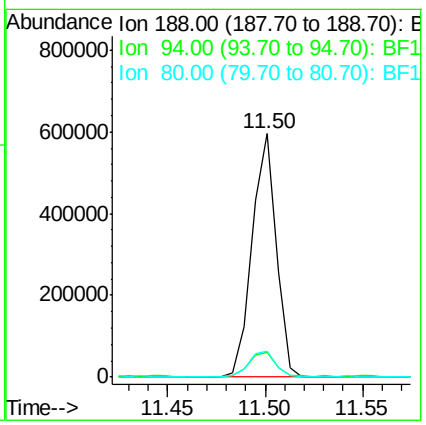


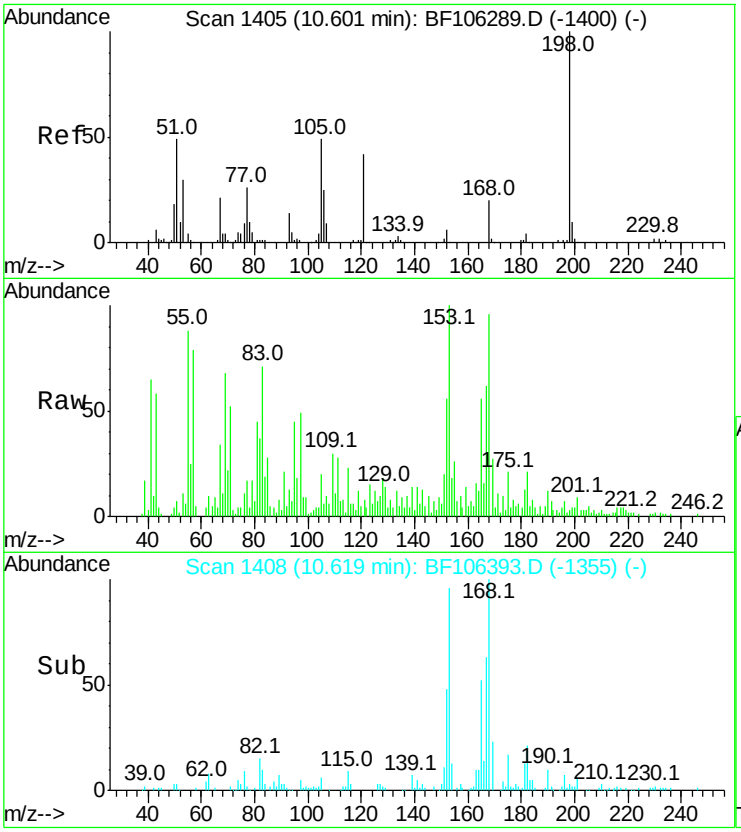


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:188 Resp: 508357

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8



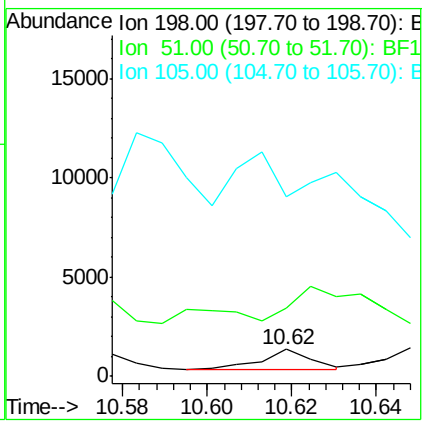


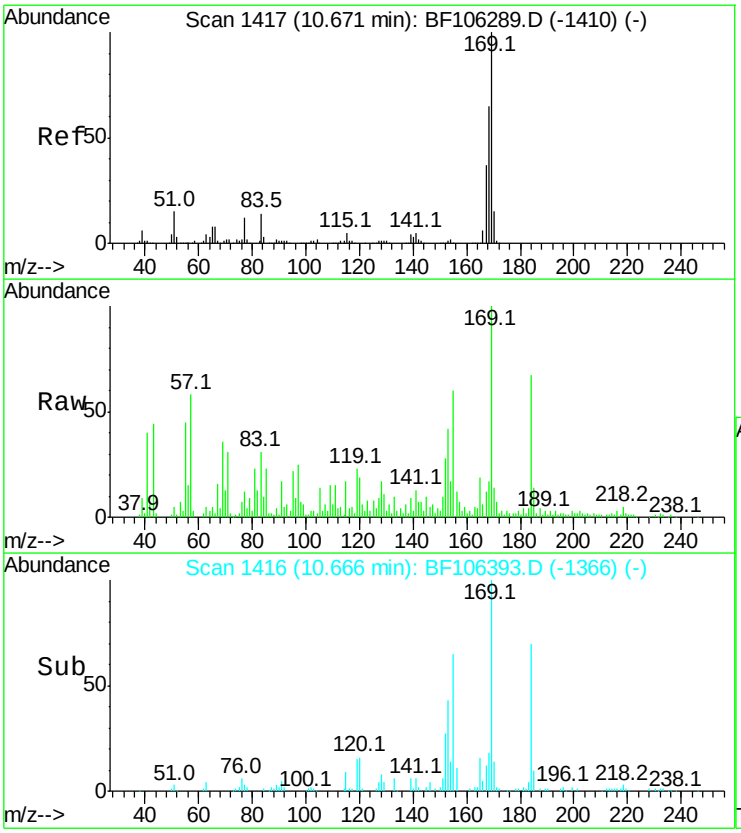
#64
4,6-Dinitro-2-methylphenol
Concen: 6.571 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 872

Ion	Ratio	Lower	Upper
198	100		
51	249.5	37.7	77.7#
105	660.8	36.3	76.3#

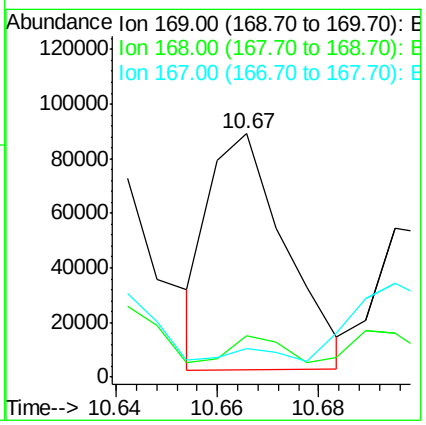


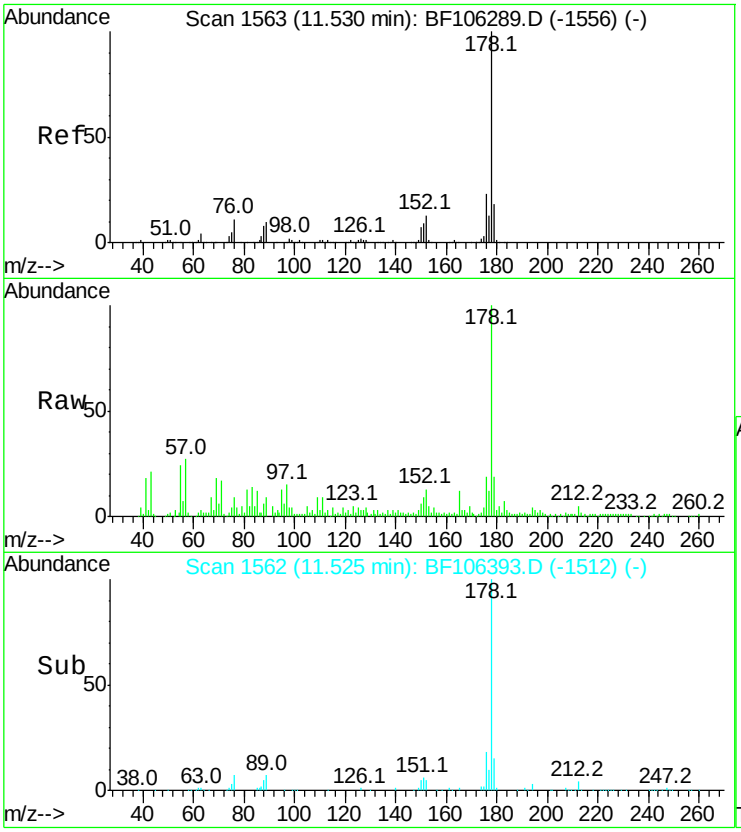


#65
n-Nitrosodiphenylamine
Concen: 5.321 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:169 Resp: 90918

Ion	Ratio	Lower	Upper
169	100		
168	17.2	54.4	81.6#
167	12.0	29.8	44.6#



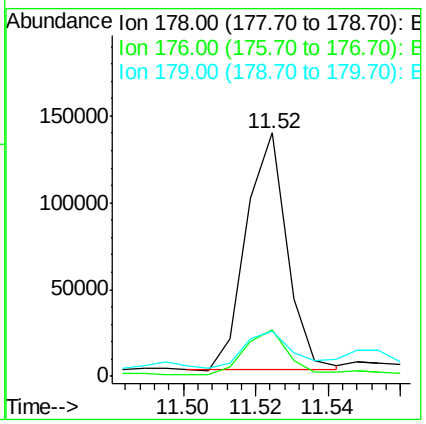


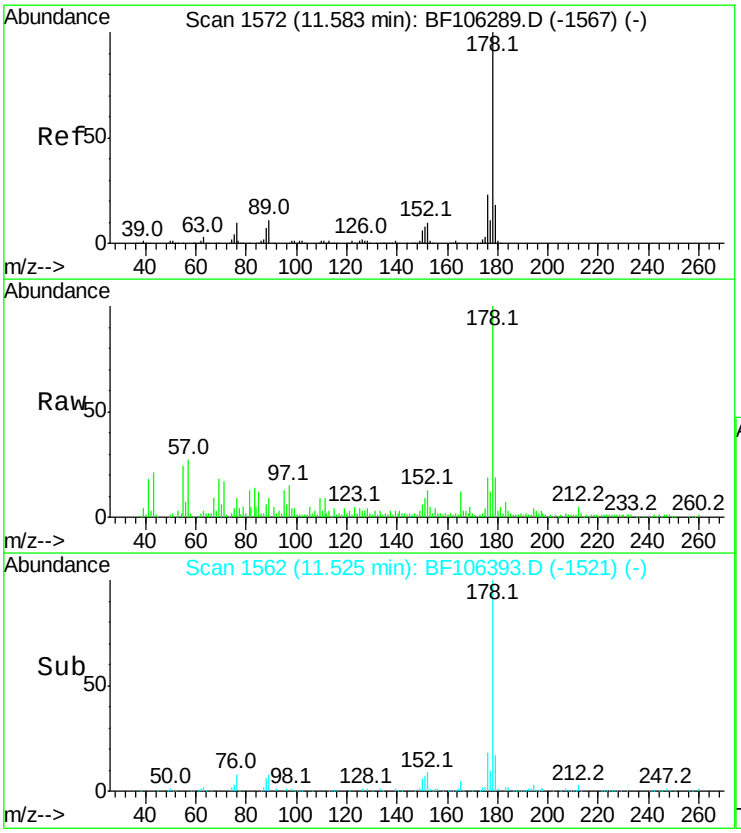
#70
Phenanthrene
Concen: 4.271 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 106333

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	18.6	13.0	19.6

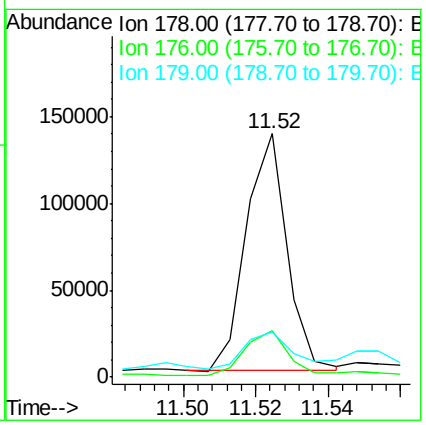


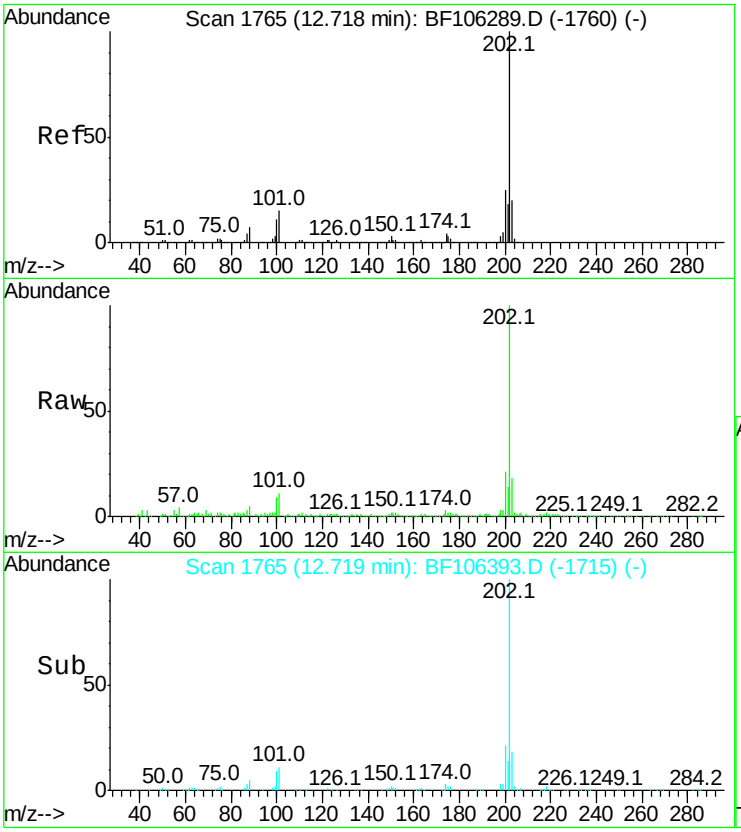


#71
Anthracene
Concen: 4.263 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.06 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:178 Resp: 106333

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	18.6	12.6	19.0



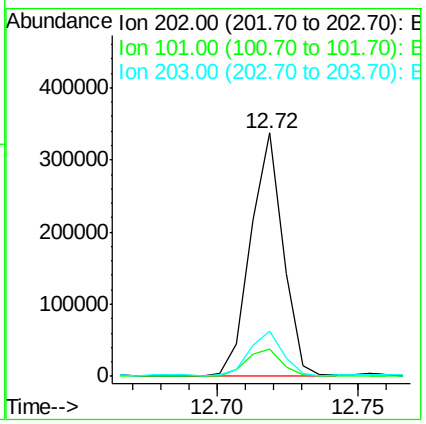


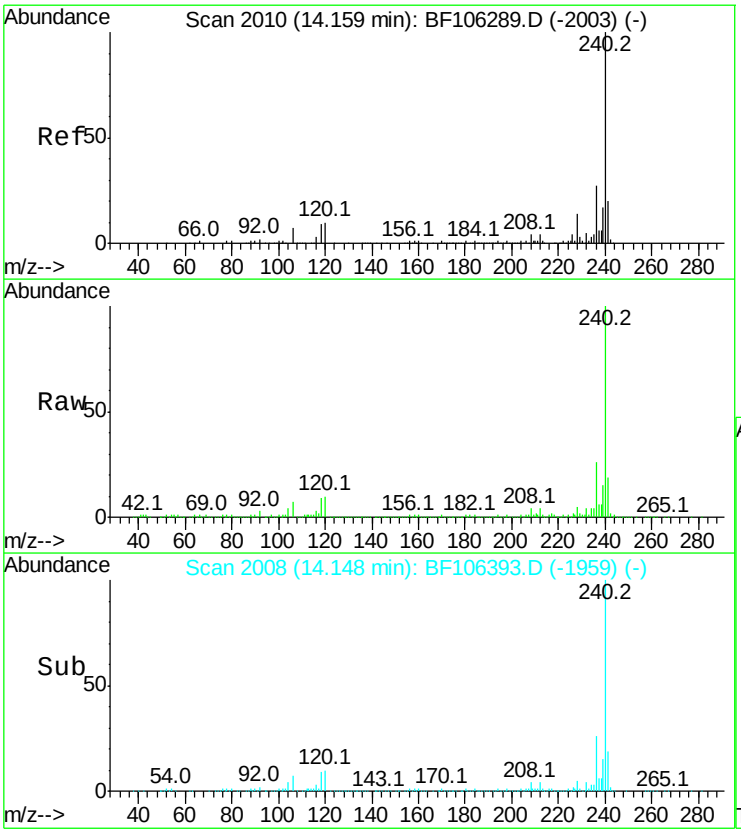
#74
Fluoranthene
Concen: 10.092 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 267956

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	18.4	0.0	38.1

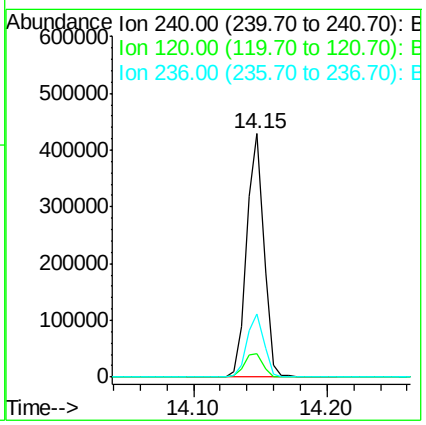


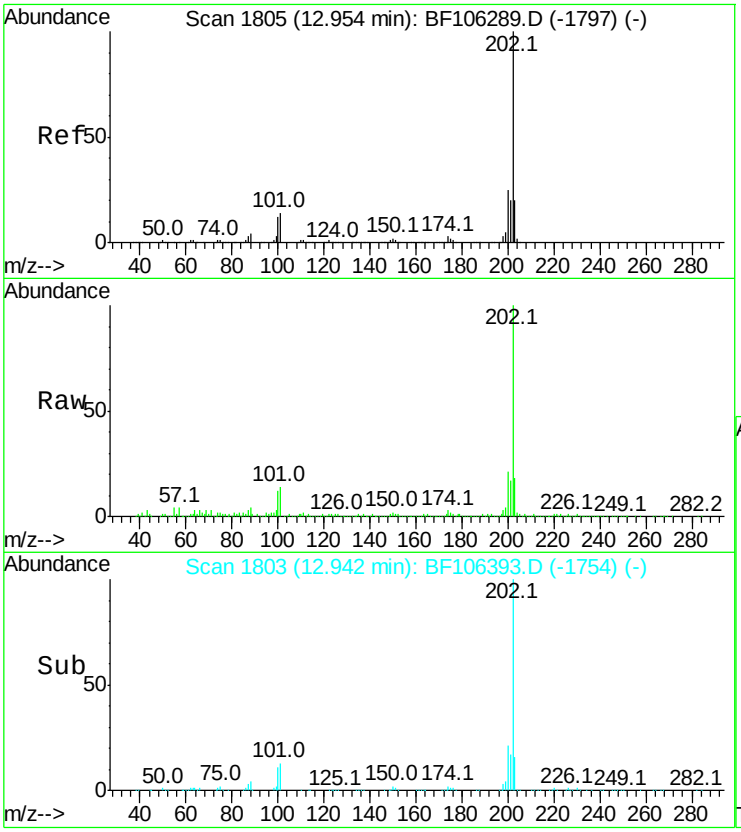


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:240 Resp: 375554

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.9	20.7	31.1



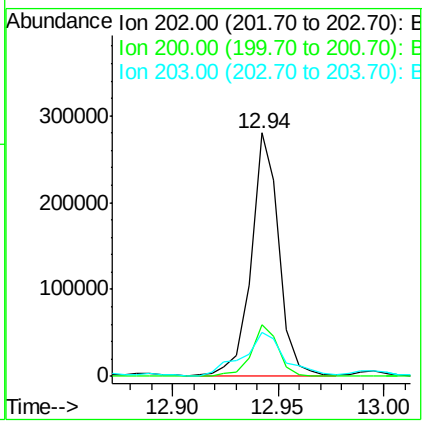


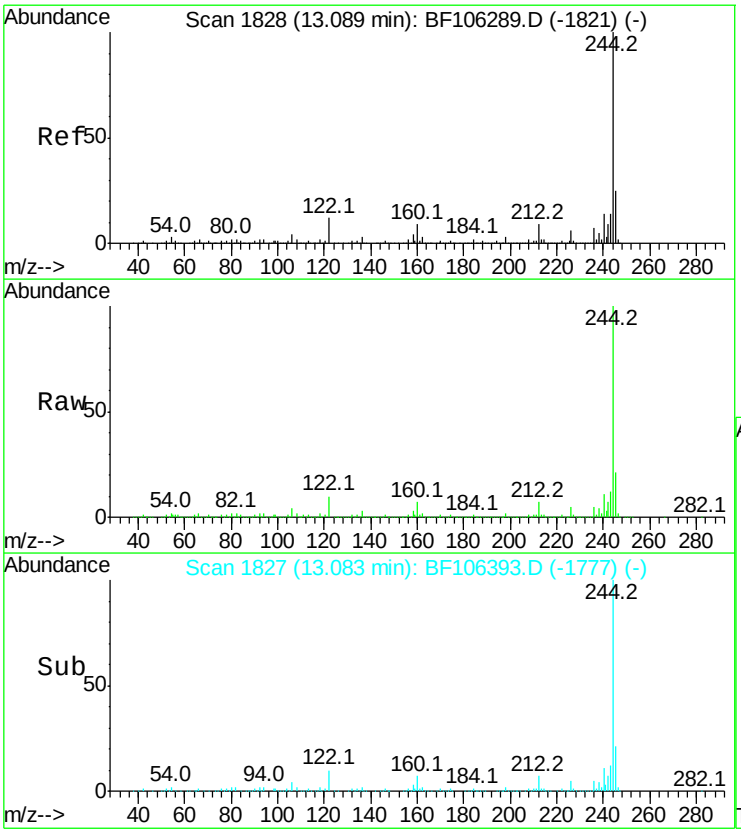
#77
Pyrene
Concen: 10.719 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 252035

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.8	14.3	21.5

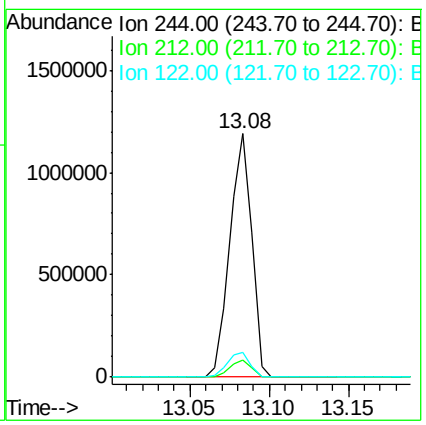


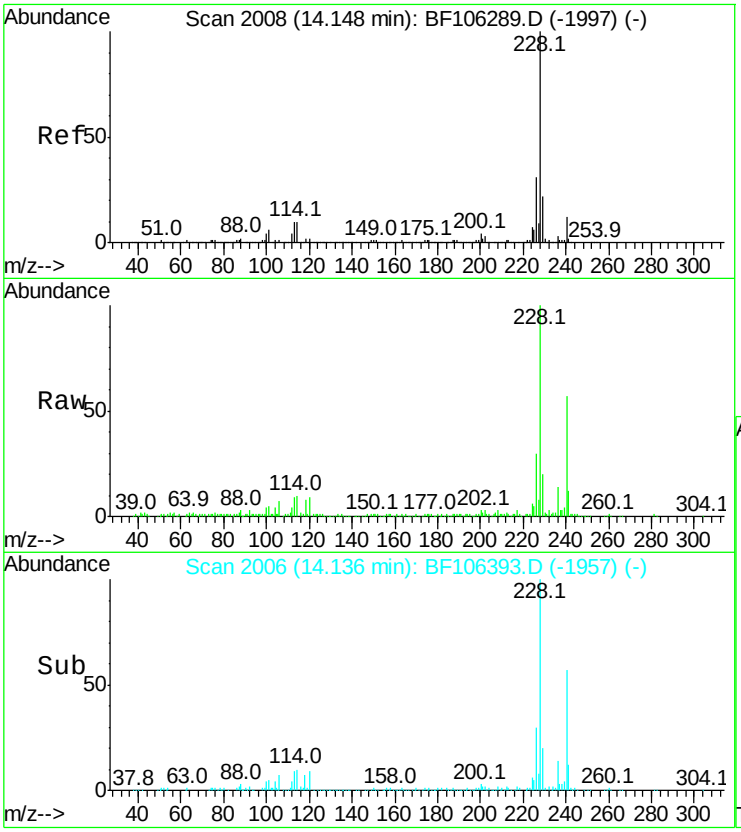


#78
Terphenyl-d14
Concen: 75.323 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:244 Resp: 1138906

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.1	11.0	16.4#



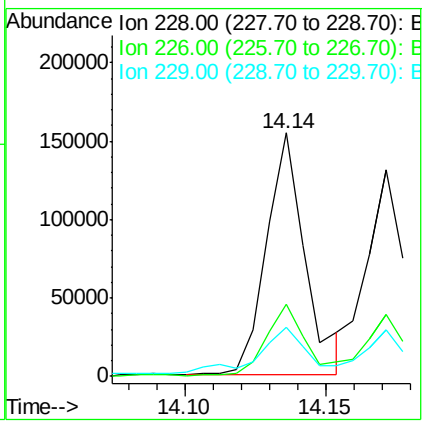


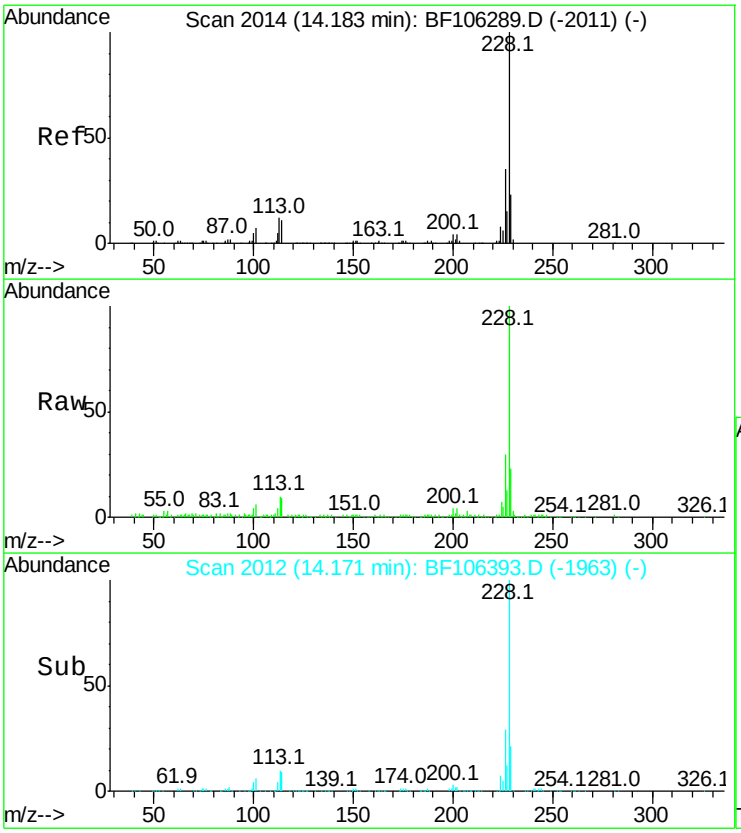
#80
Benzo(a)anthracene
Concen: 6.606 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 147641

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	20.3	15.8	23.6

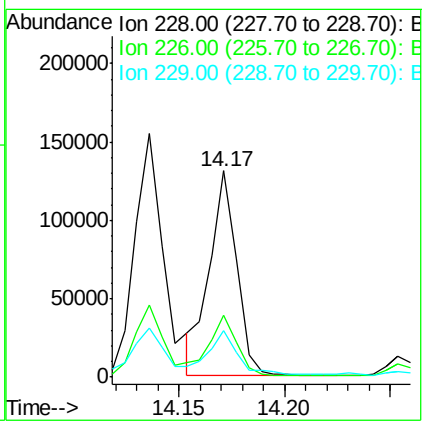


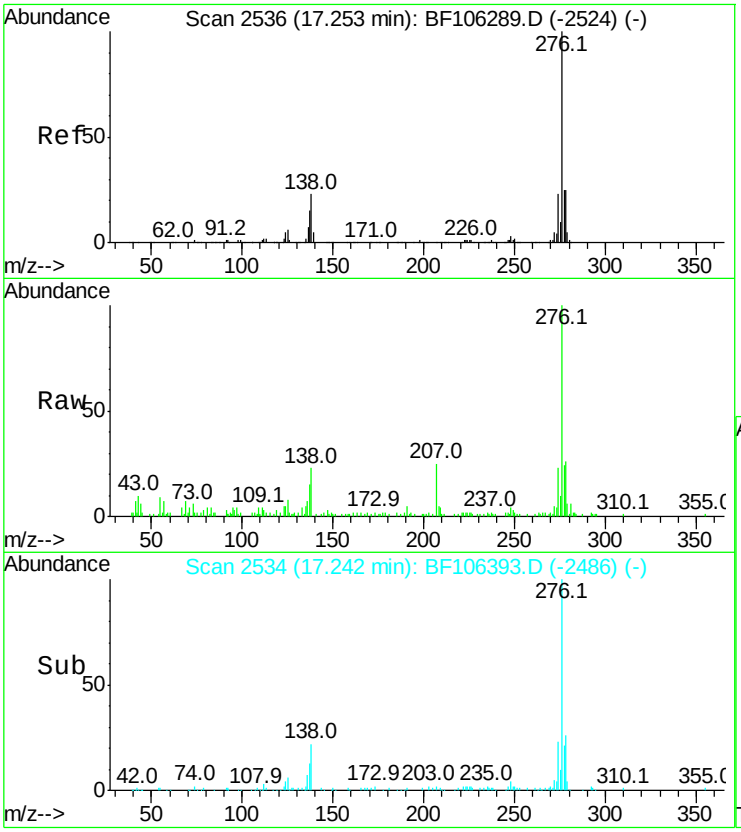


#82
Chrysene
Concen: 5.832 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:228 Resp: 118998

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.6	16.2	24.4



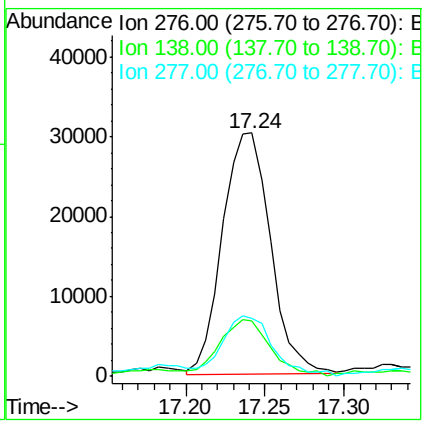


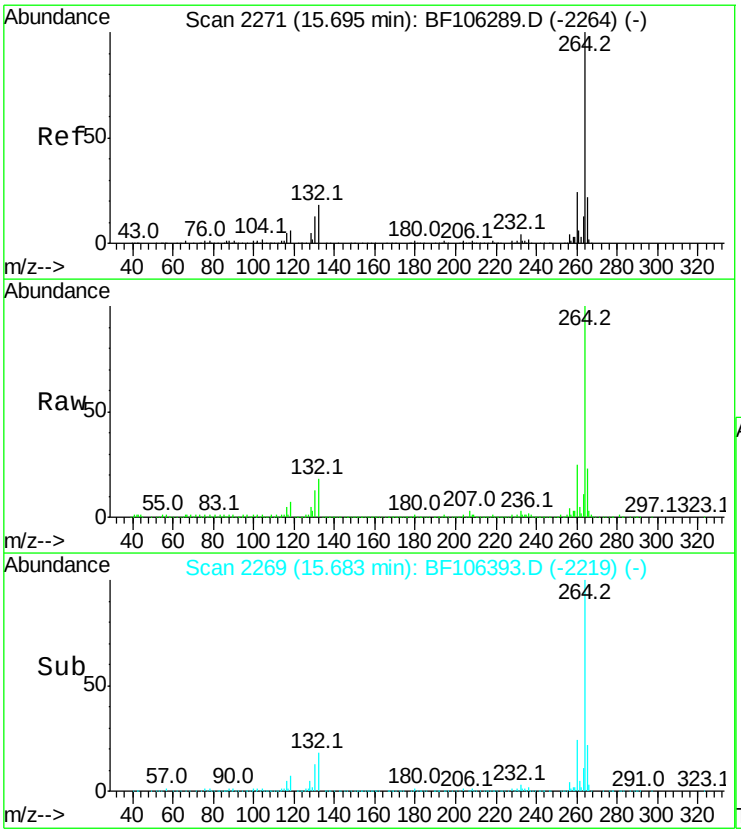
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.877 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.02 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 63141

Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.0	37.6
277	26.9	20.1	30.1

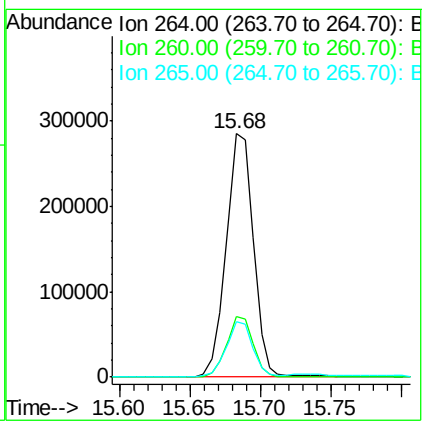


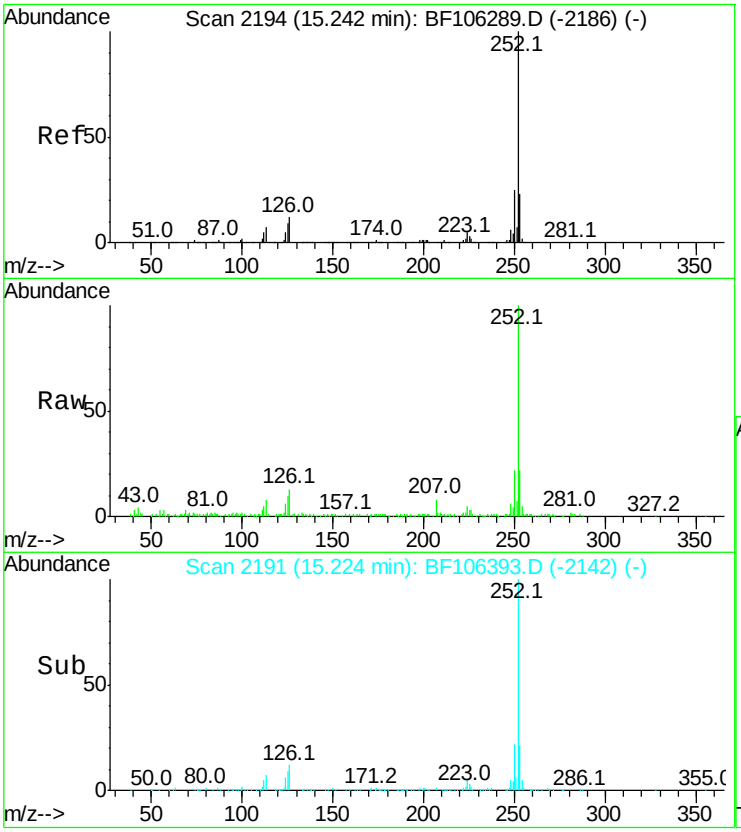


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:264 Resp: 384781

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.6	17.5	26.3



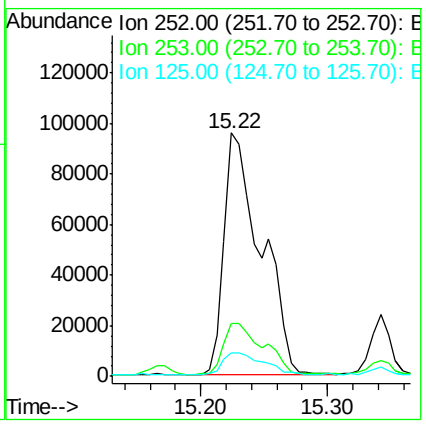


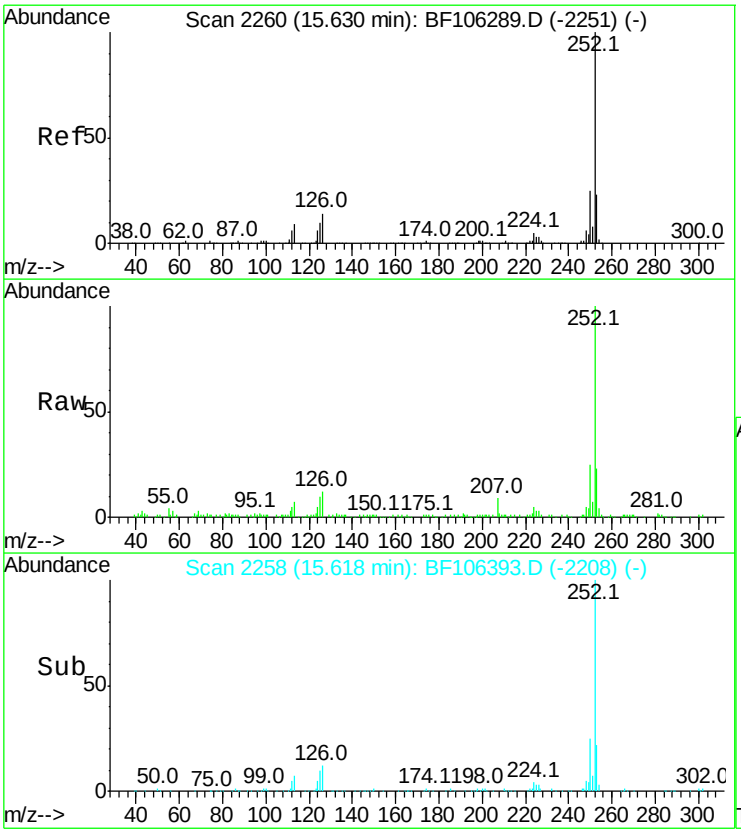
#87
Benzo(b)fluoranthene
Concen: 8.421 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 195875

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.7	9.0	13.6

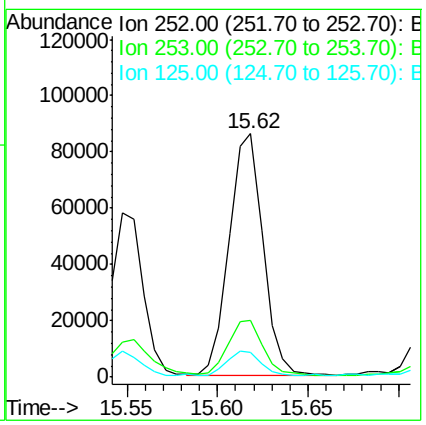


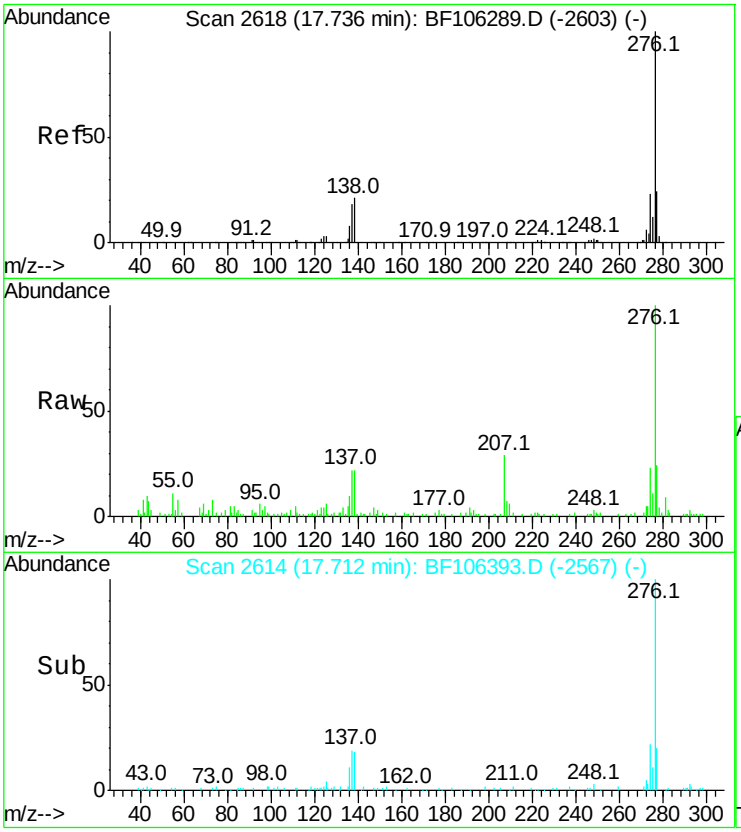


#89
Benzo(a)pyrene
Concen: 5.359 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion:252 Resp: 112116

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	10.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.461 ng
RT: 17.71 min Scan# 2614
Delta R.T. -0.02 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 58672

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	21.6	21.8	32.8#