Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106786.D
Acq On : 25 Jun 2018 21:55
Operator : JU/SJ
Sample : J3241-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 26 02:10:21 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	6.96	152	45381	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	164287	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	70920	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	123795	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	133256	20.00	ng		-0.02
86) Perylene-d12	15.69	264	102938	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	174131	64.97	ng		0.00
7) Phenol-d6	6.60	99	213421	63.77	ng		-0.02
23) Nitrobenzene-d5	7.52	82	128998	43.64	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	52012	63.28	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	246785	53.42	ng		-0.01
78) Terphenyl-d14	13.07	244	269068	48.91	ng		-0.01
Target Compounds							Qvalue
32) Benzoic acid	7.89	122	143	5.810	ng	#	16
49) Dimethylphthalate	9.71	163	40612	7.635	ng	#	98
66) 4-Bromophenyl-phenylether	10.79	248	3317	2.245	ng	#	1
70) Phenanthrene	11.51	178	61957	10.377	ng		97
71) Anthracene	11.57	178	19966	3.276	ng		99
74) Fluoranthene	12.71	202	130928	19.895	ng		97
77) Pyrene	12.94	202	126315	14.375	ng		98
80) Benzo(a)anthracene	14.14	228	75063	9.242	ng		98
82) Chrysene	14.17	228	68382	9.152	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	27129	4.279	ng	#	89
87) Benzo(b)fluoranthene	15.23	252	104046	16.271	ng	#	92
88) Benzo(k)fluoranthene	15.23	252	104046	17.086	ng		94
89) Benzo(a)pyrene	15.62	252	52480	9.232	ng		93
91) Benzo(g,h,i)perylene	17.74	276	29678	6.303	ng	#	87

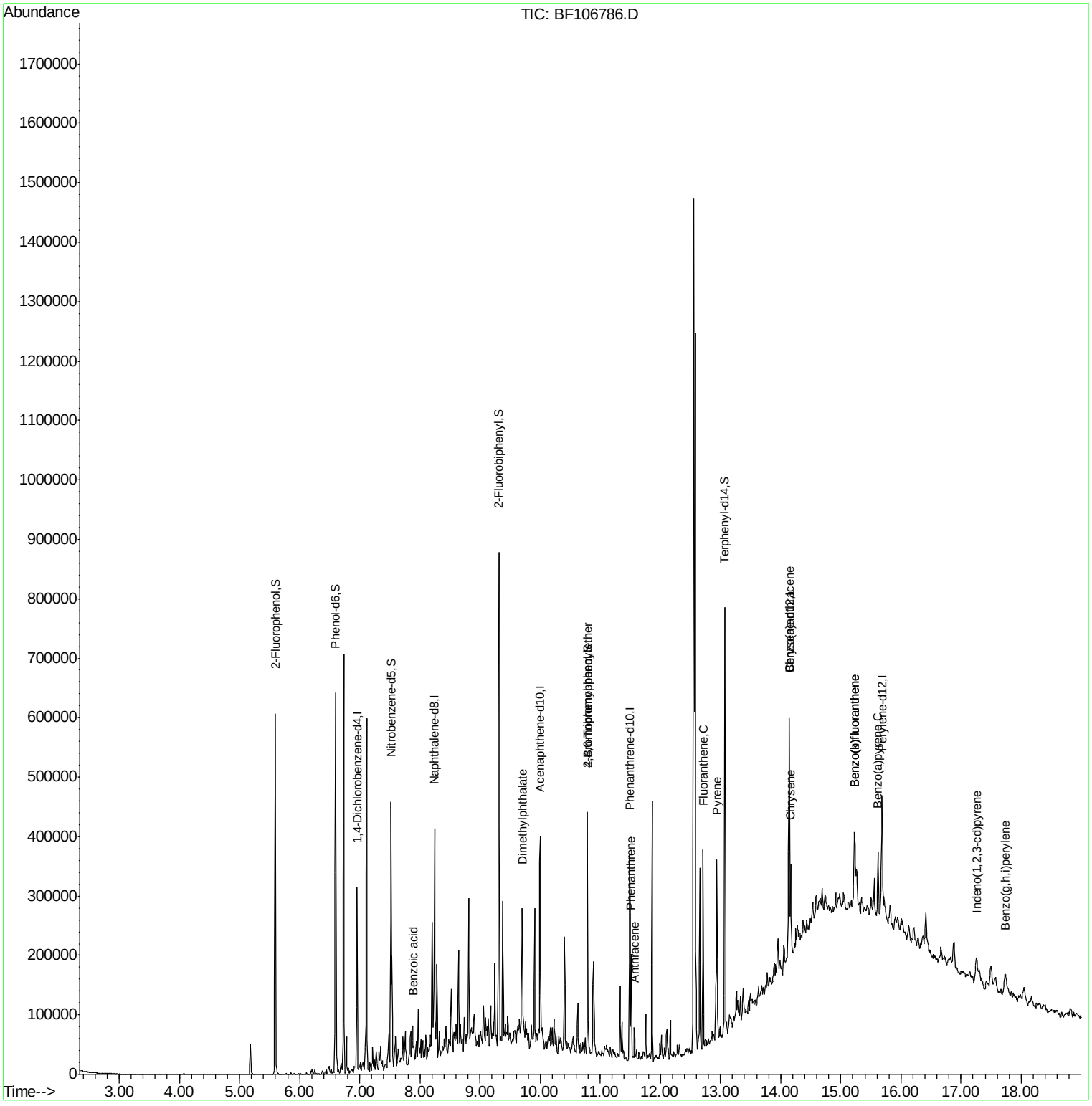
(#) = qualifier out of range (m) = manual integration (+) = signals summed

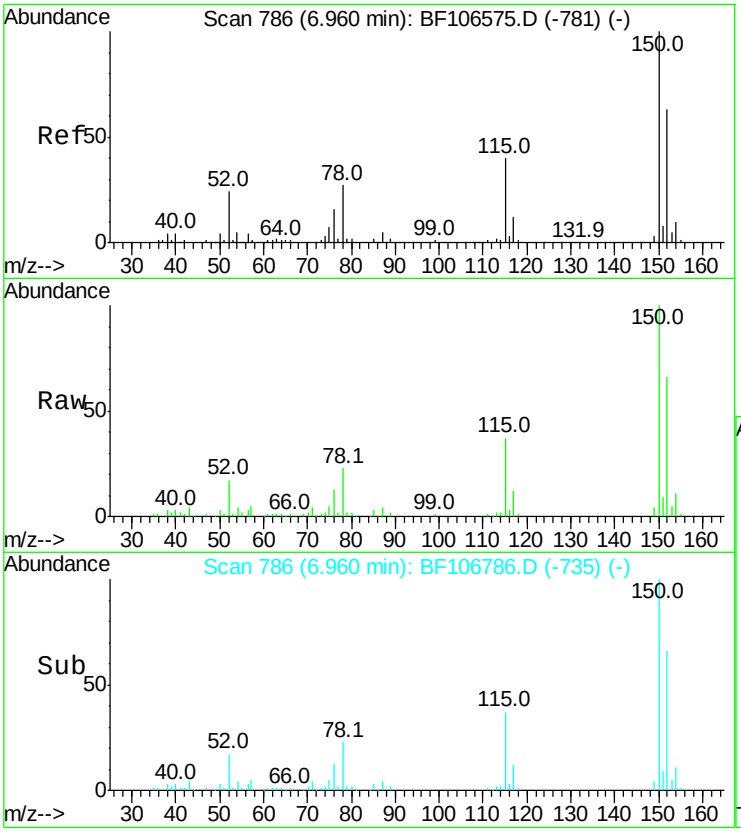
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106786.D
Acq On : 25 Jun 2018 21:55
Operator : JU/SJ
Sample : J3241-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 26 02:10:21 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



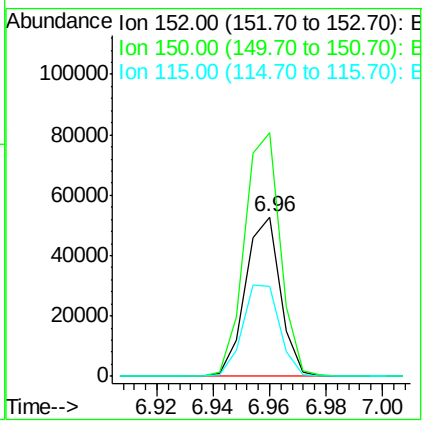


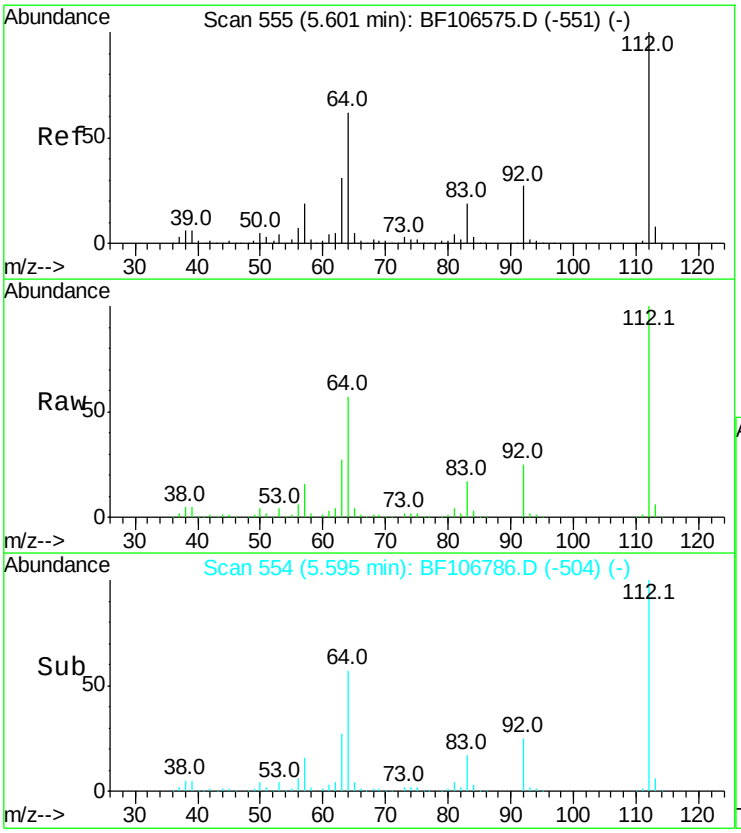
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 45381

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	56.4	50.1	75.1

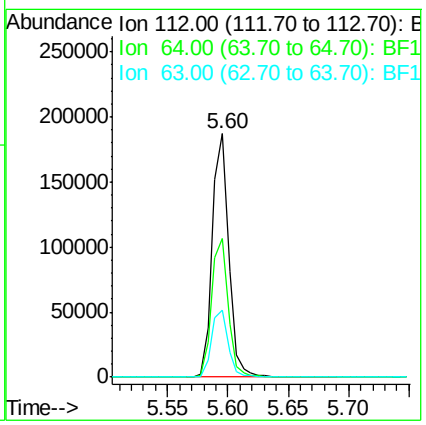


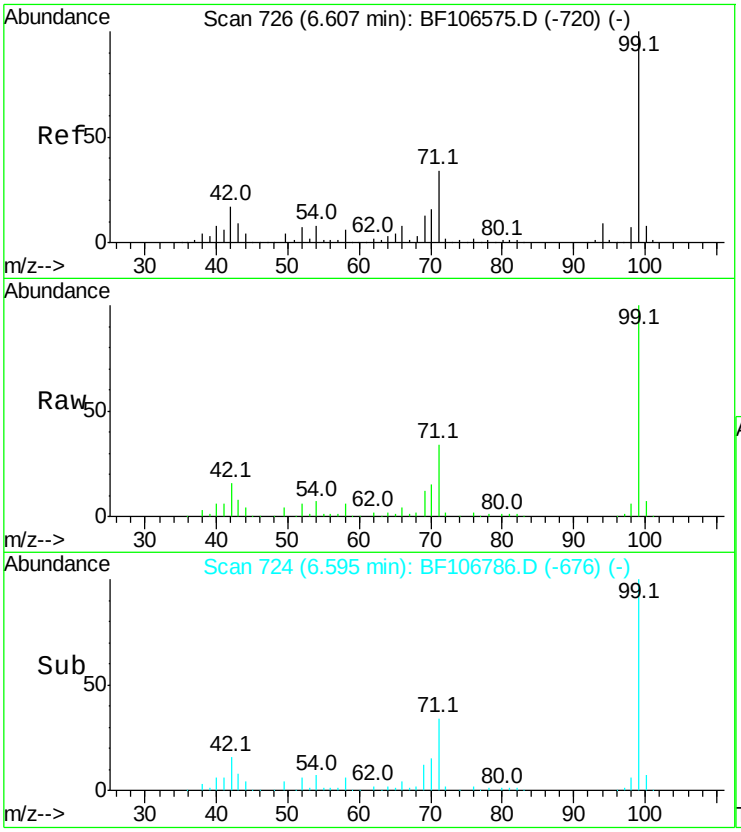


#5
2-Fluorophenol
Concen: 64.974 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:112 Resp: 174131

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	27.3	23.7	35.5

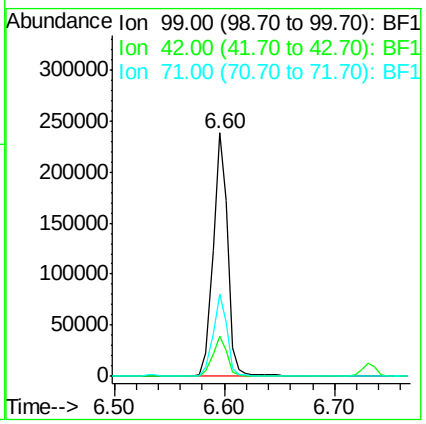




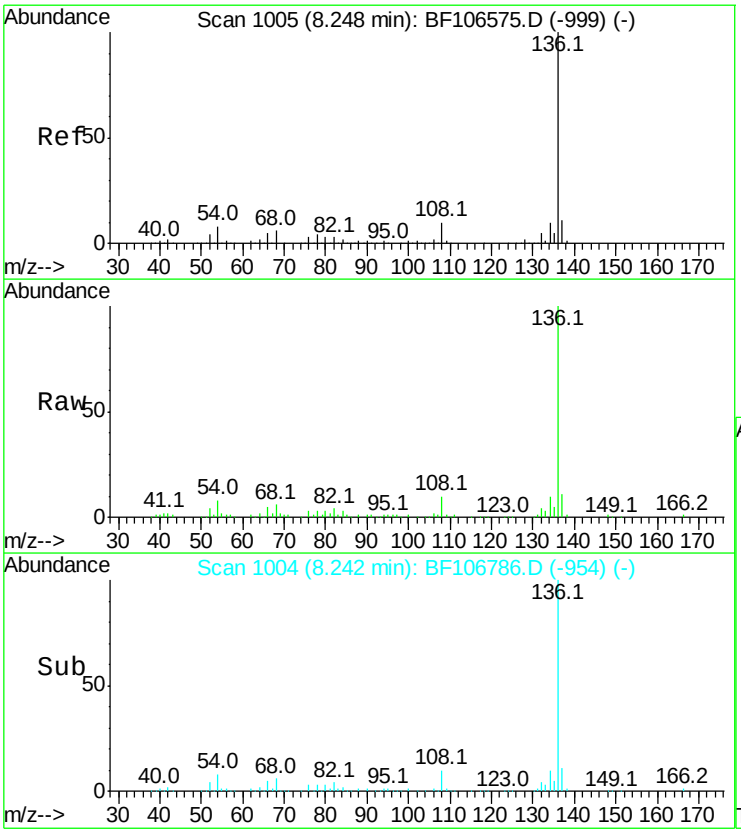
#7
Phenol-d6
Concen: 63.769 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion: 99 Resp: 213421

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	33.7	25.4	38.0



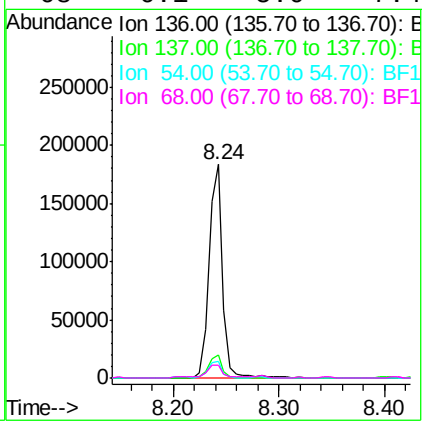
Instrument :
BNA_F
ClientSampleId :

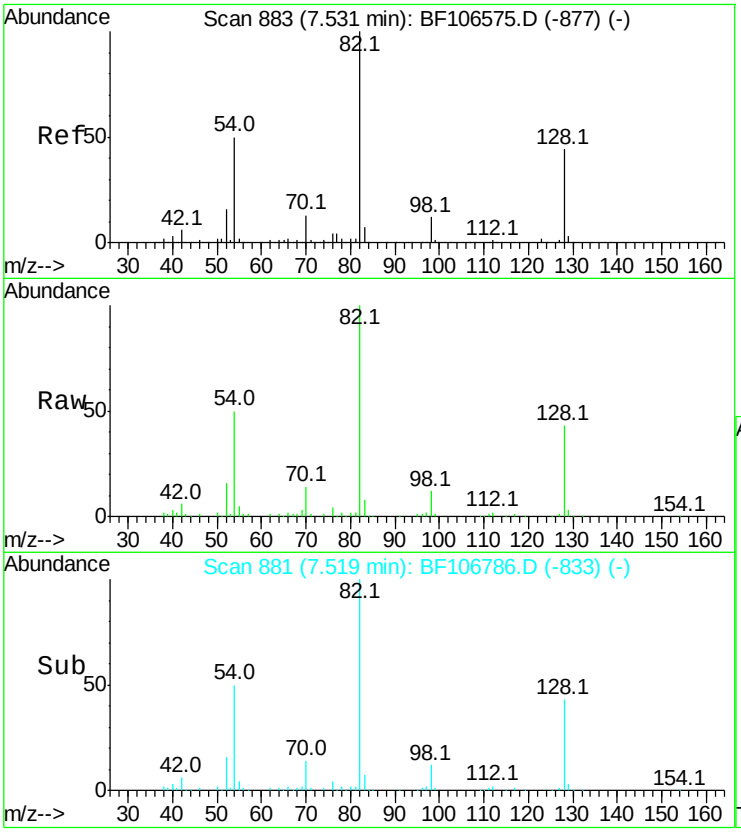


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:136 Resp: 164287

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	6.1	5.0	7.4



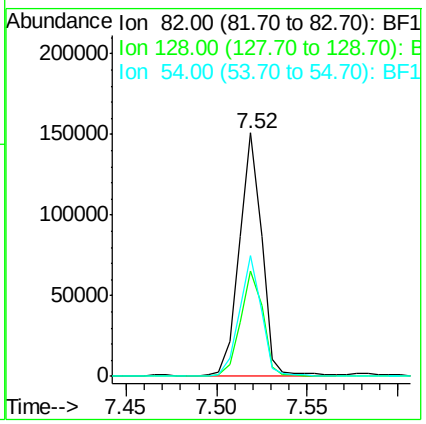


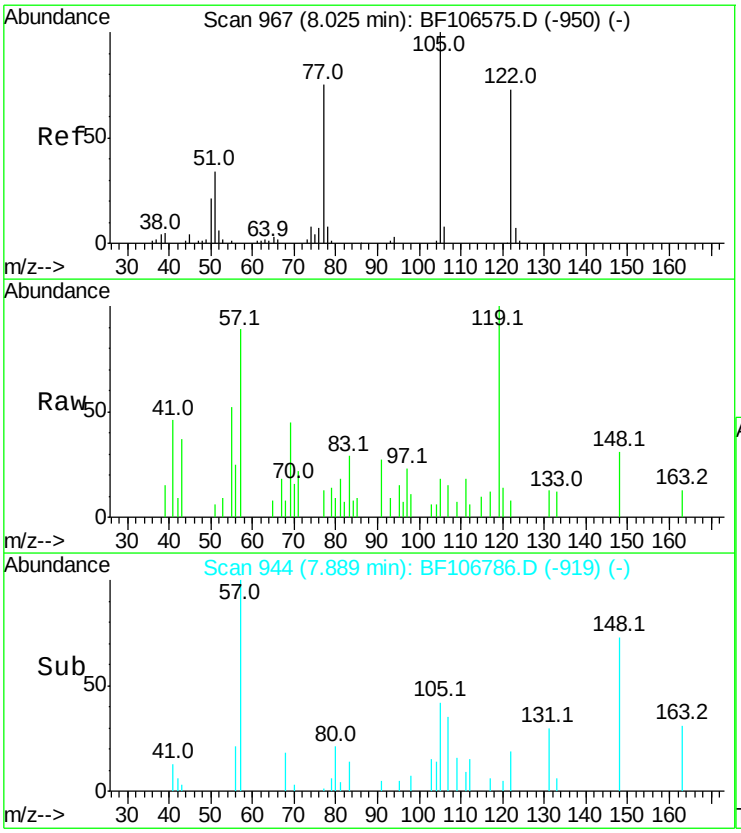
#23
Nitrobenzene-d5
Concen: 43.636 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 128998

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	49.7	41.4	62.2

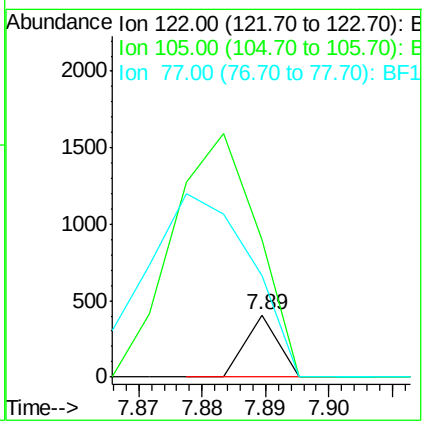


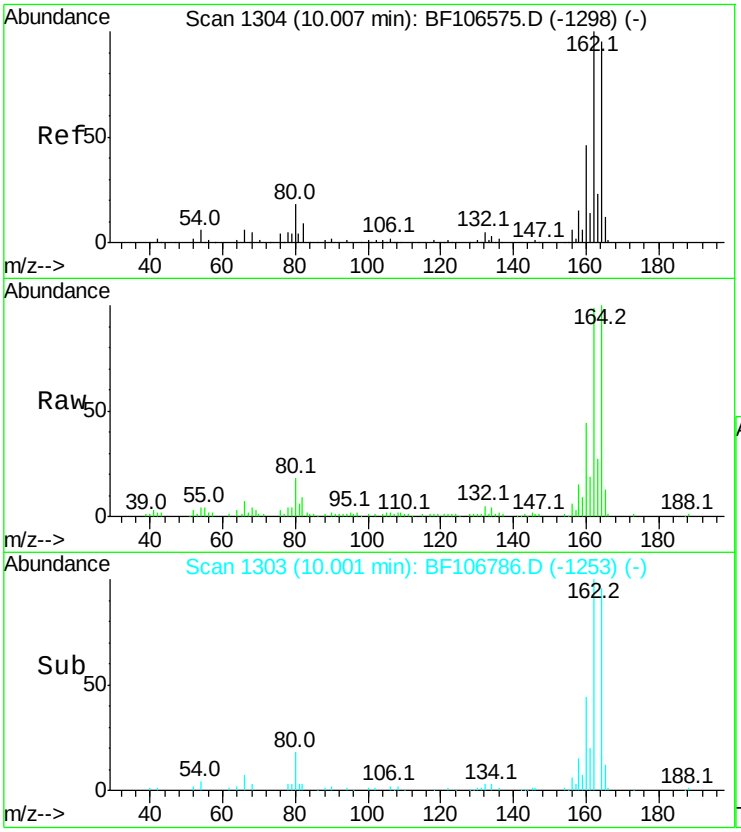


#32
Benzoic acid
Concen: 5.810 ng
RT: 7.89 min Scan# 944
Delta R.T. -0.15 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:122 Resp: 143

Ion	Ratio	Lower	Upper
122	100		
105	221.2	101.1	141.1#
77	163.8	70.7	110.7#



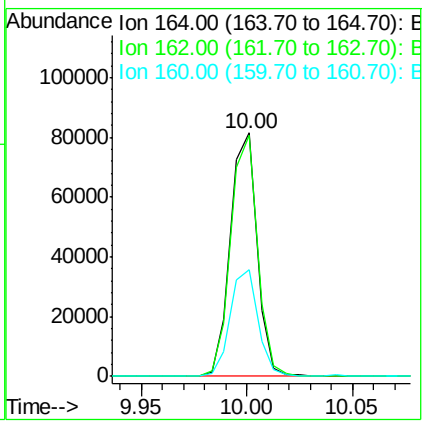


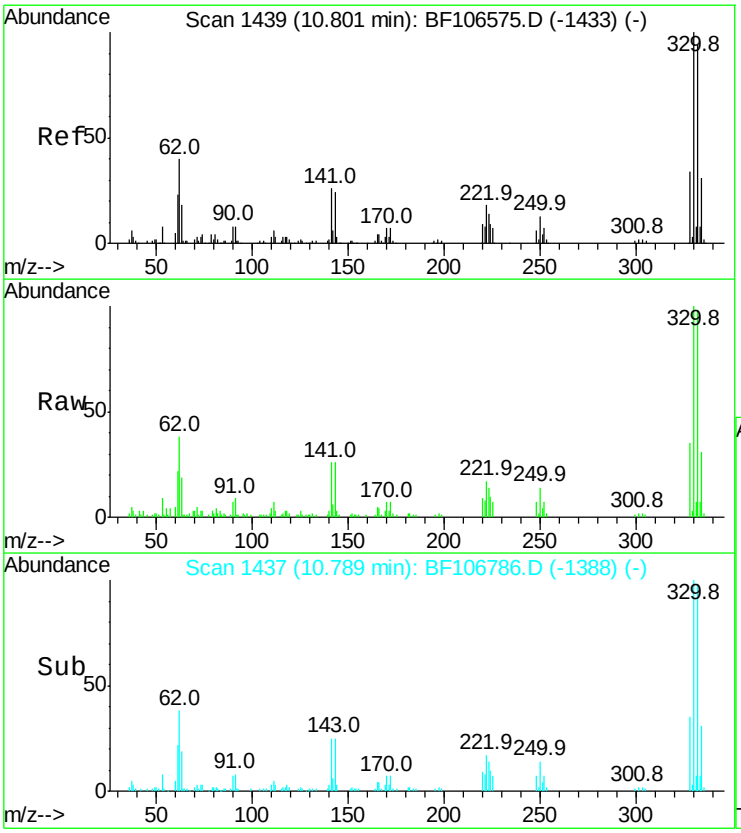
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 70920

Ion	Ratio	Lower	Upper
164	100		
162	98.9	86.1	129.1
160	43.9	38.3	57.5

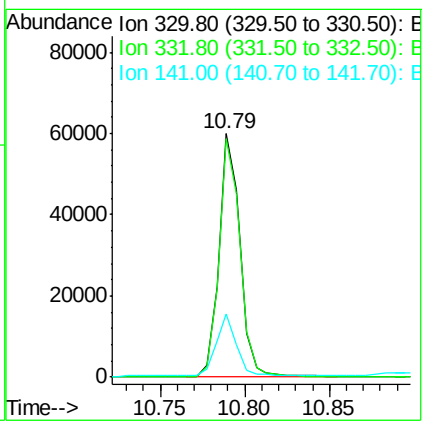


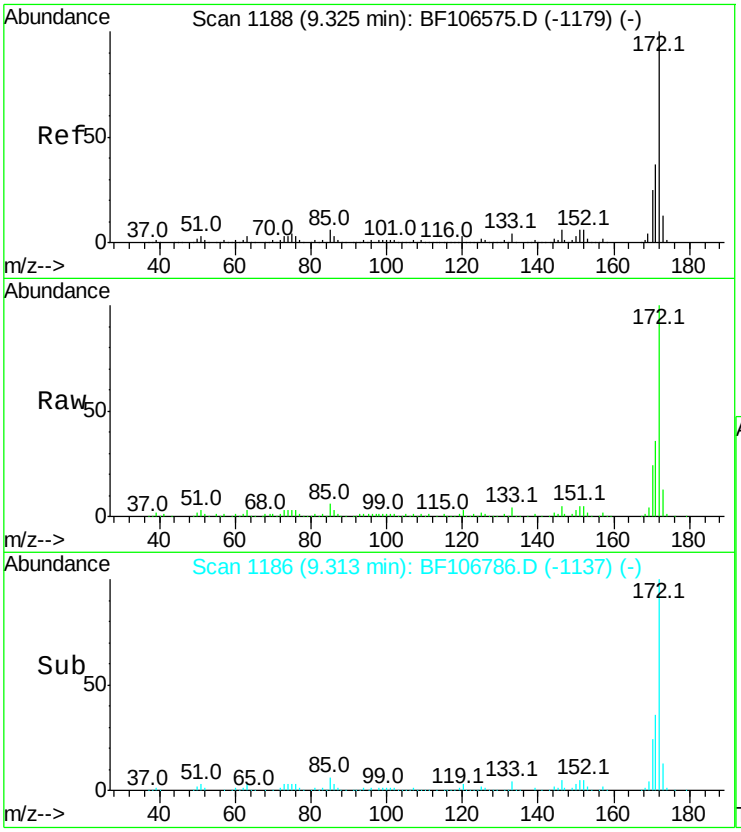


#41
2,4,6-Tribromophenol
Concen: 63.276 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:330 Resp: 52012

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	26.9	29.9	44.9#



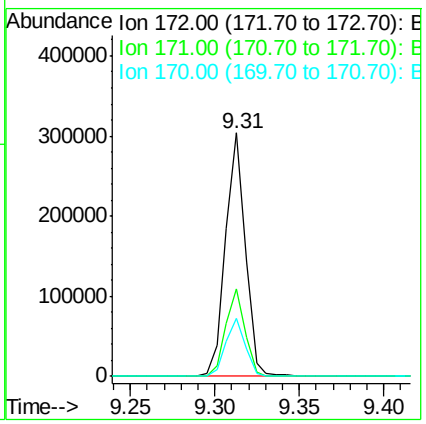


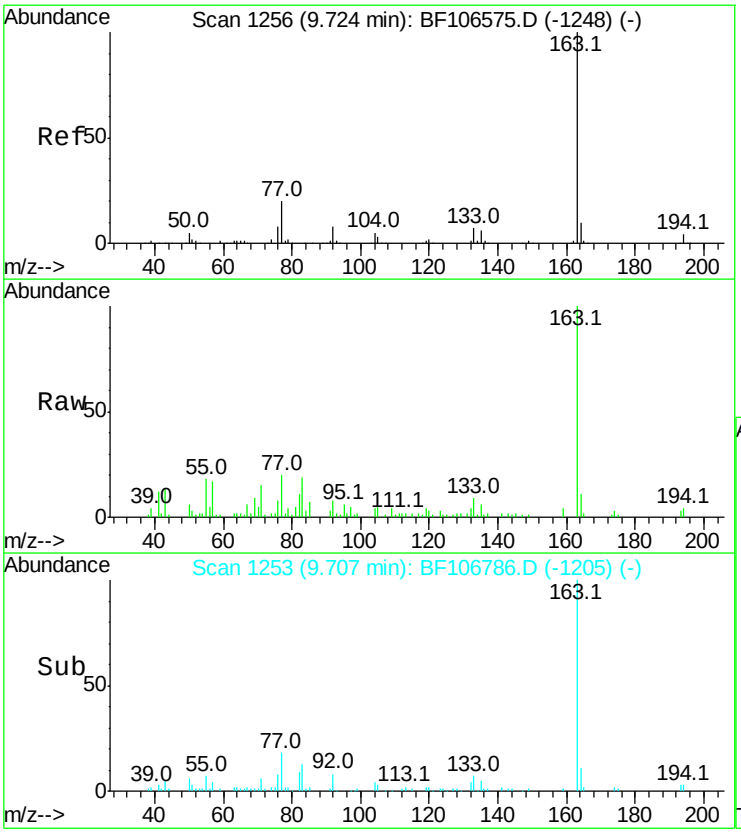
#44
2-Fluorobiphenyl
Concen: 53.419 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 246785

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4

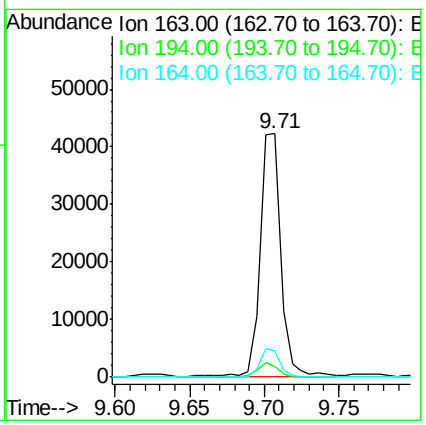


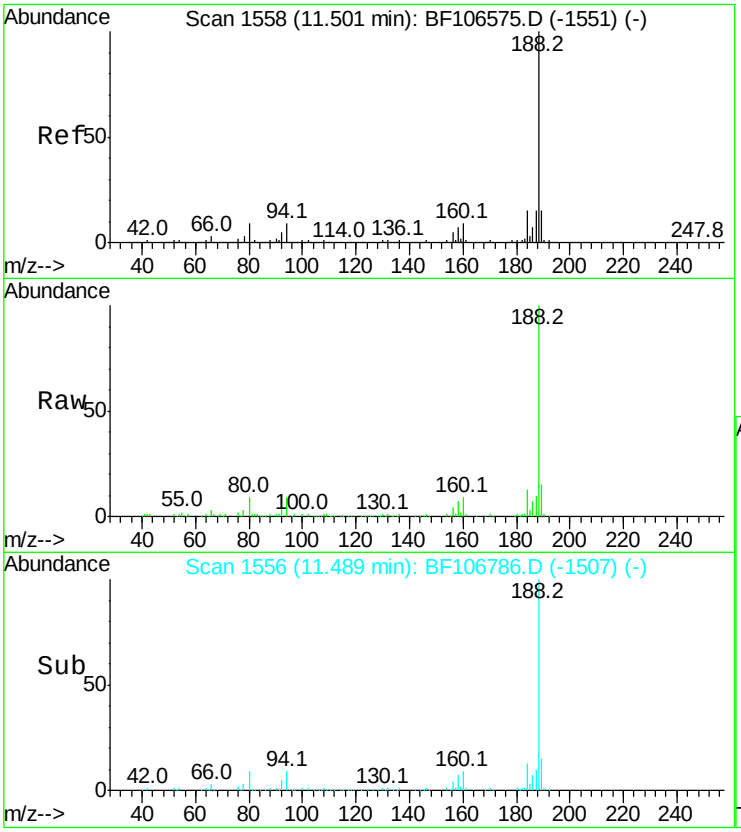


#49
Dimethylphthalate
Concen: 7.635 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:163 Resp: 40612

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.6	8.2	12.2



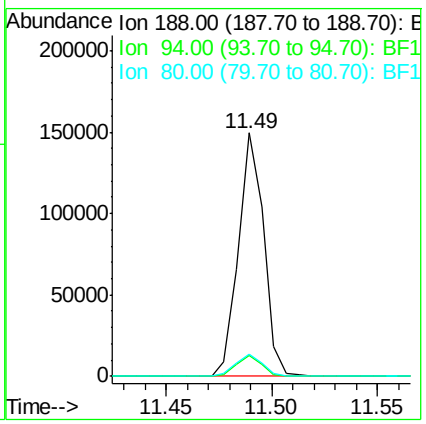


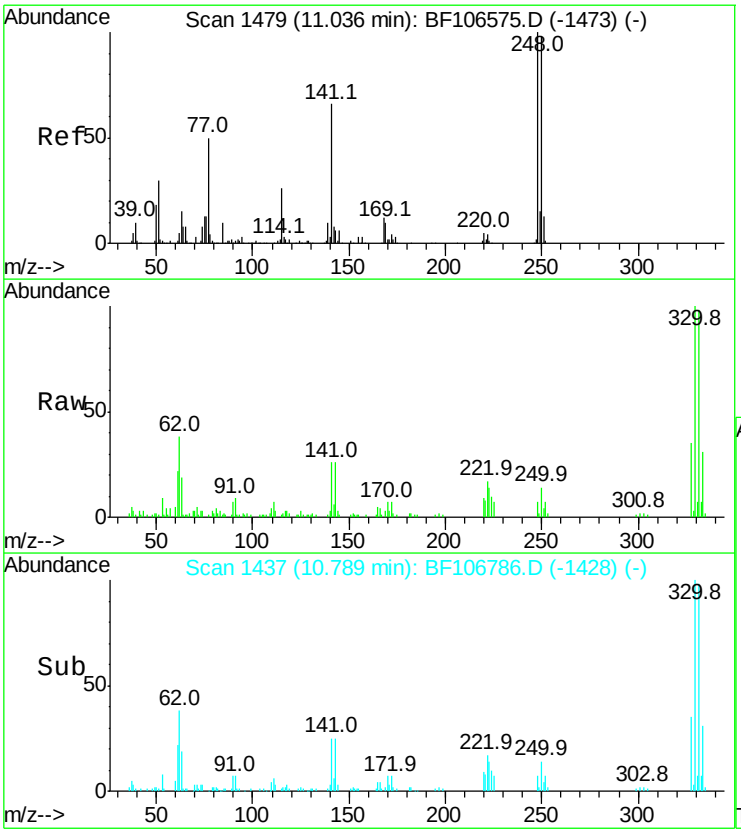
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 123795

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.1	9.2	13.8#

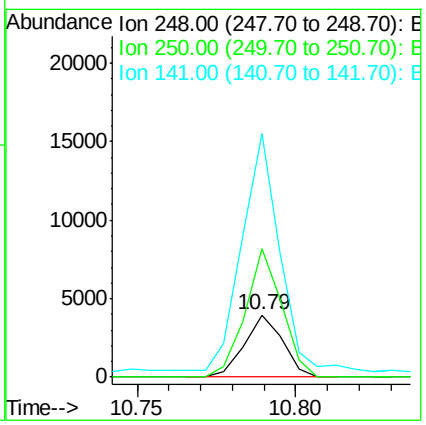


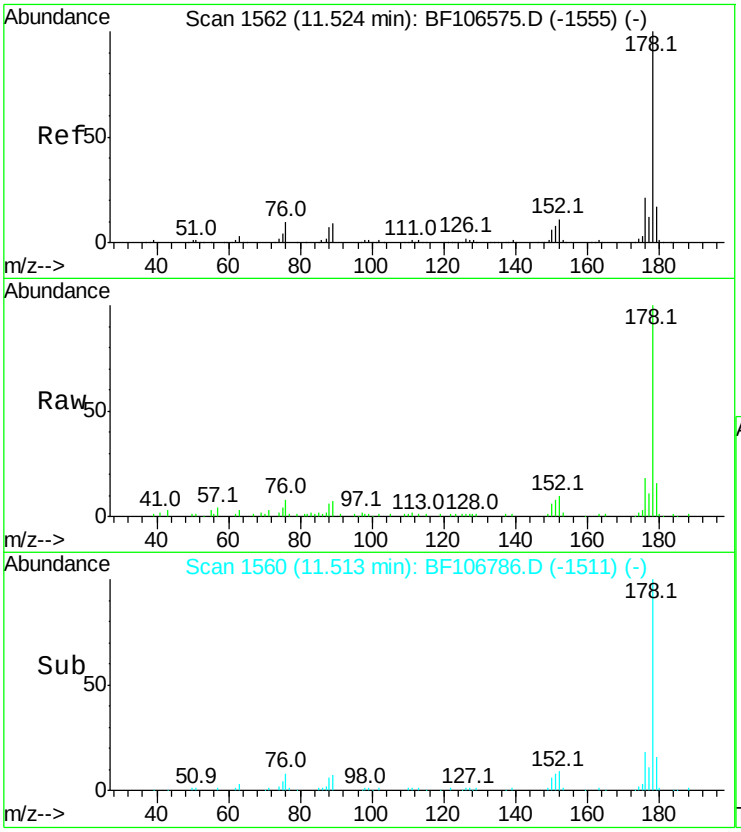


#66
4-Bromophenyl-phenylether
Concen: 2.245 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:248 Resp: 3317

Ion	Ratio	Lower	Upper
248	100		
250	207.6	76.9	115.3#
141	392.5	74.4	111.6#



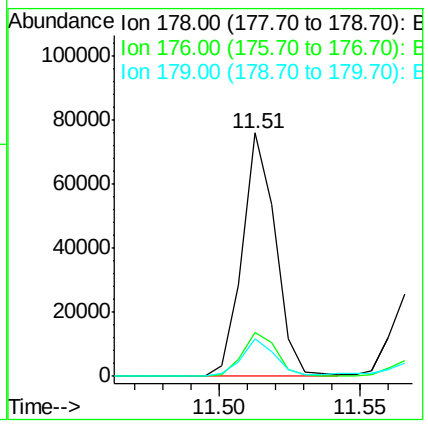


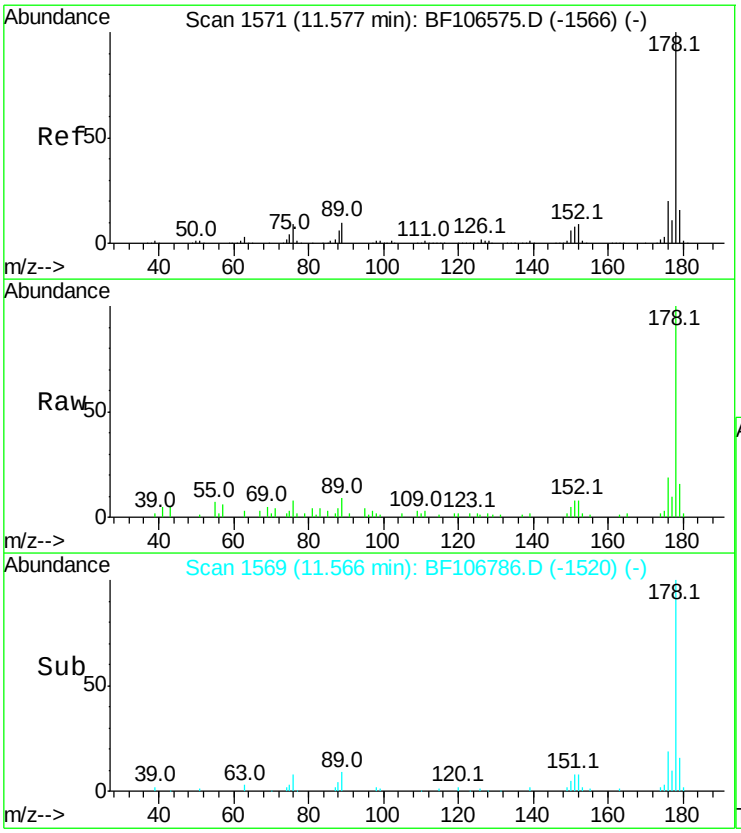
#70
Phenanthrene
Concen: 10.377 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 61957

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.6	13.0	19.6

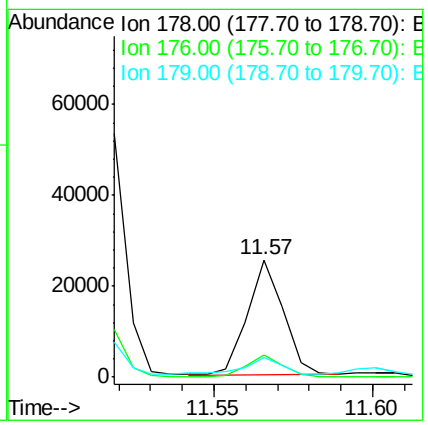


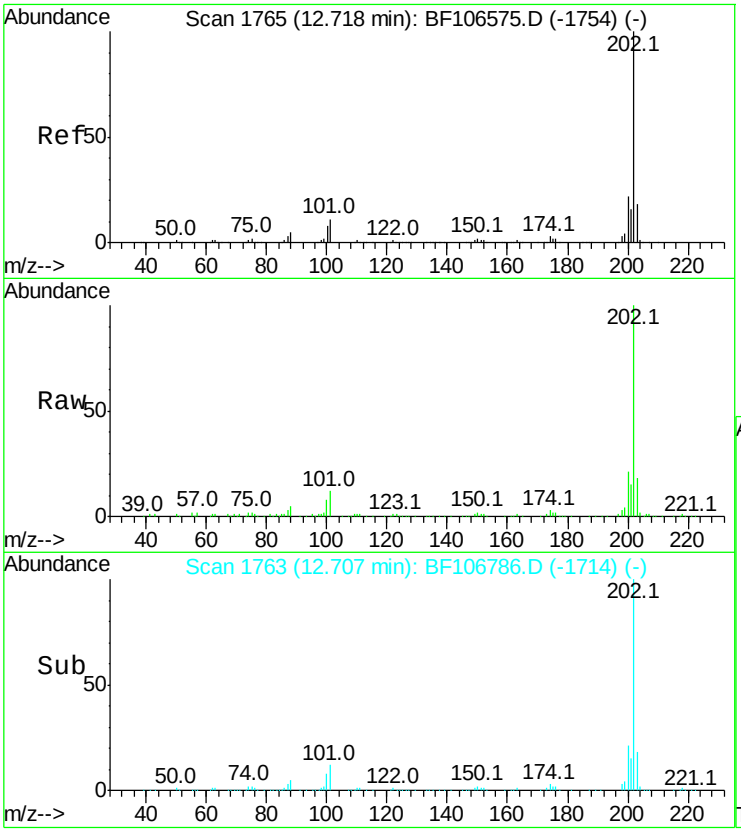


#71
Anthracene
Concen: 3.276 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:178 Resp: 19966

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.4	12.6	19.0



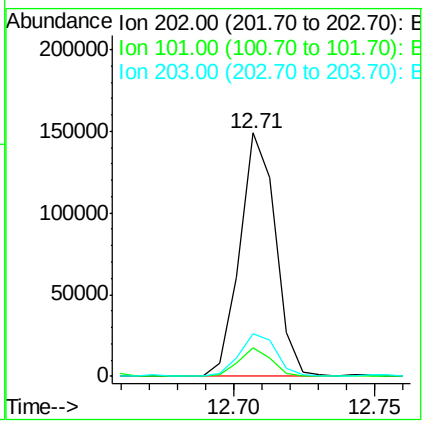


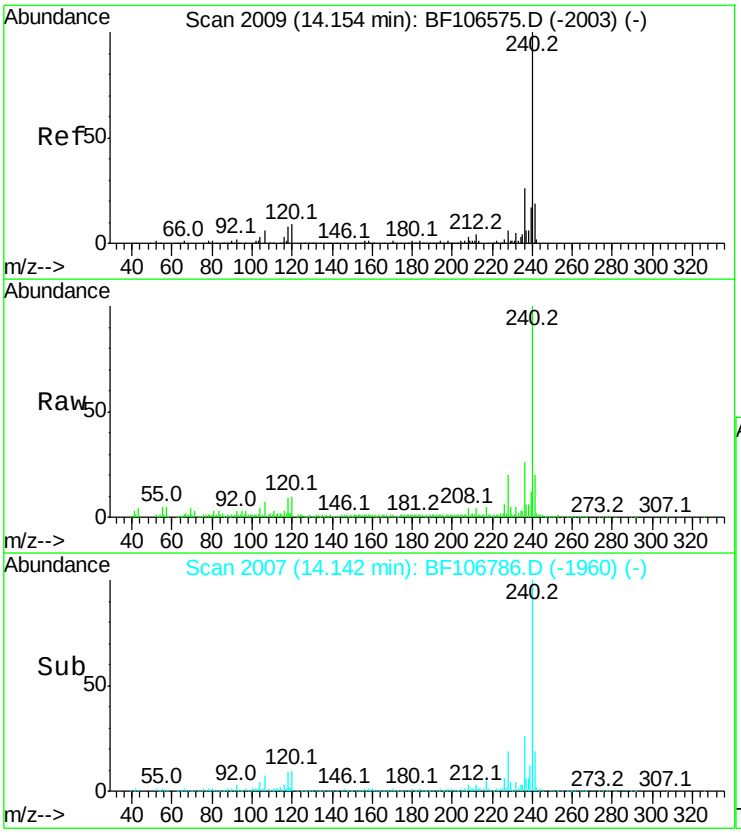
#74
Fluoranthene
Concen: 19.895 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 130928

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	17.7	0.0	38.1

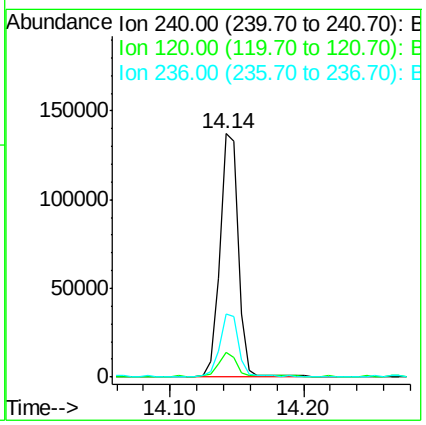


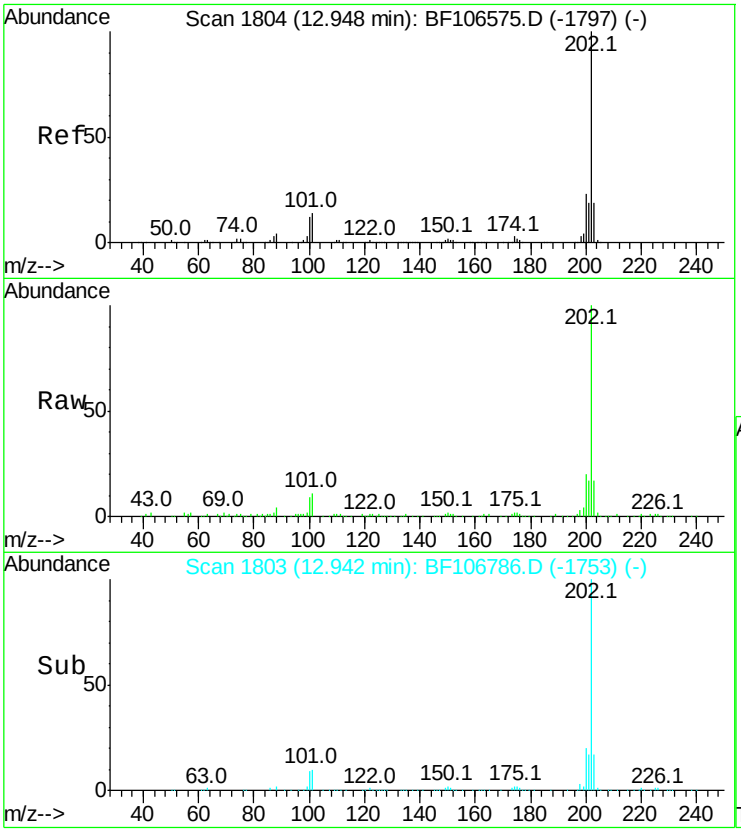


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:240 Resp: 133256

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.9	20.7	31.1



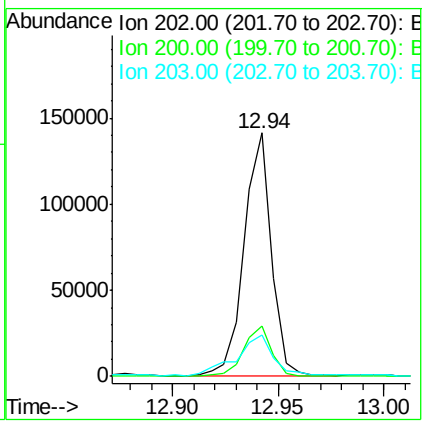


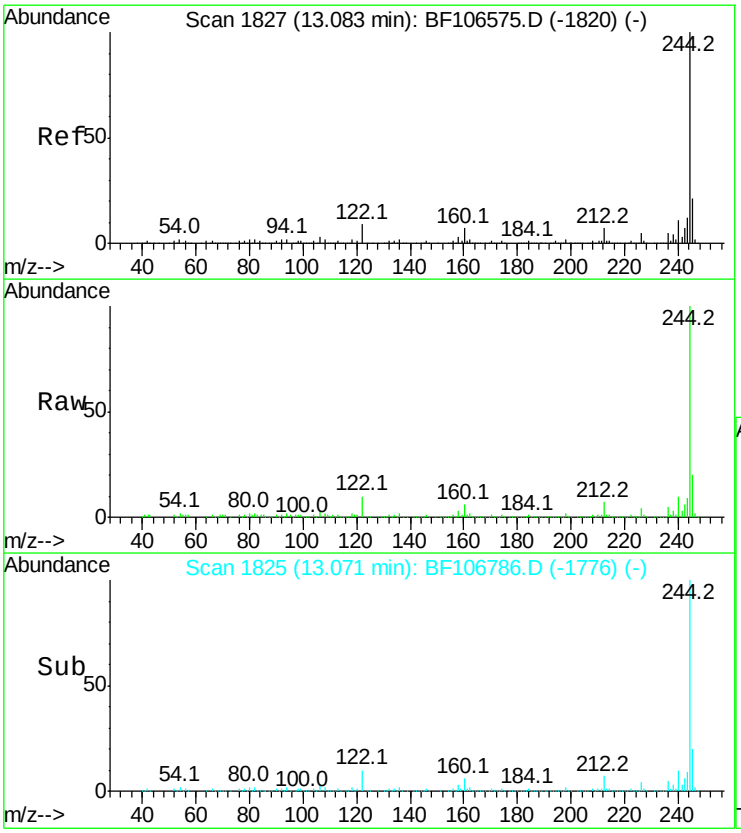
#77
Pyrene
Concen: 14.375 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 126315

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.2	14.3	21.5

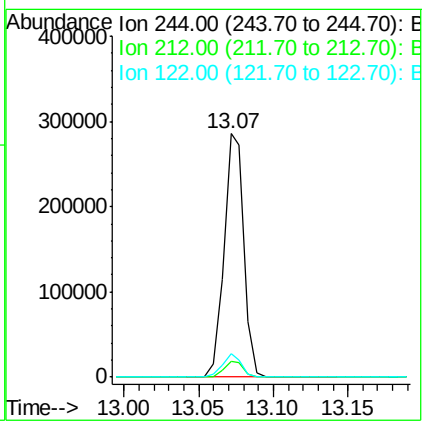


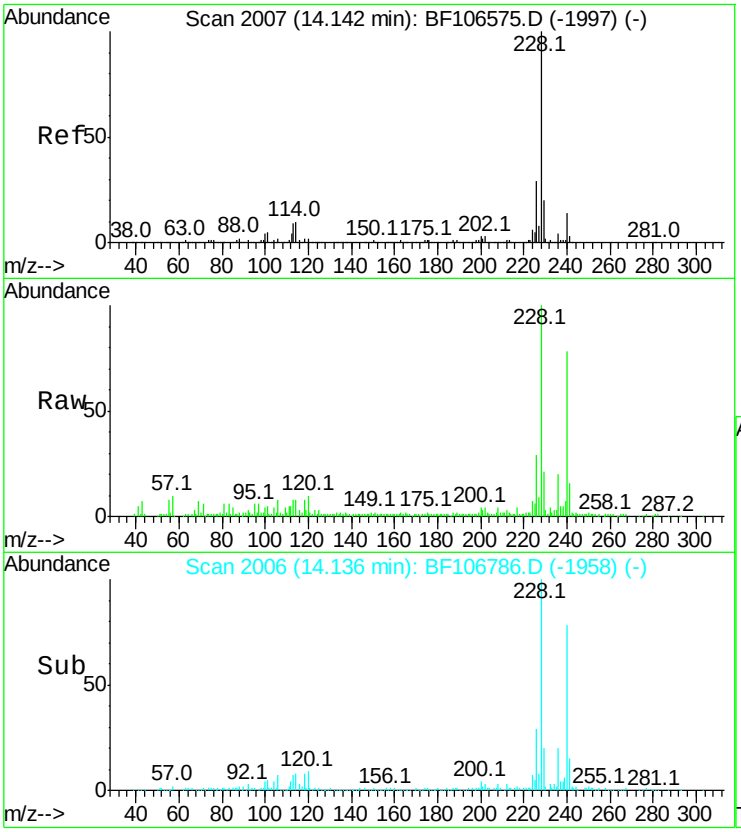


#78
Terphenyl-d14
Concen: 48.911 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:244 Resp: 269068

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.6	11.0	16.4#



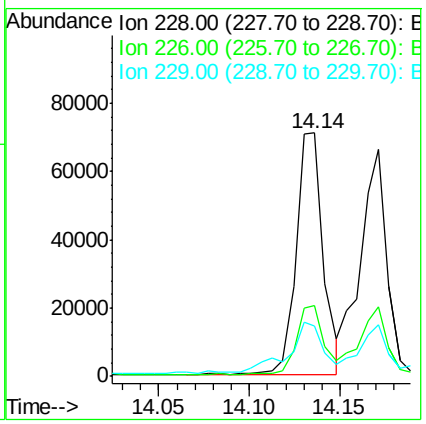


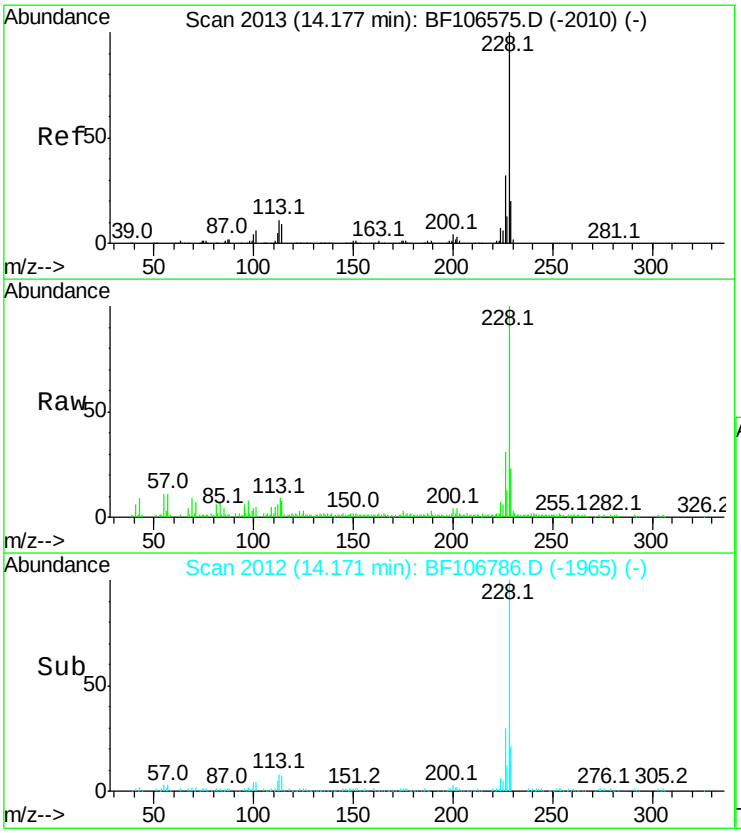
#80
Benzo(a)anthracene
Concen: 9.242 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 75063

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	20.7	15.8	23.6

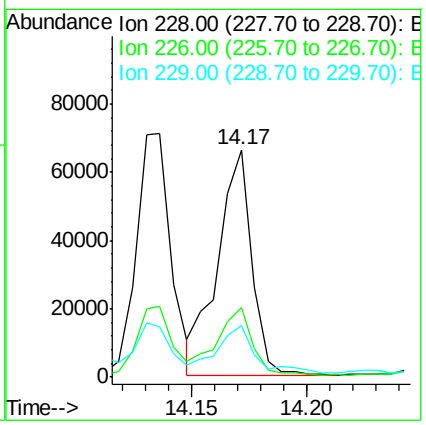


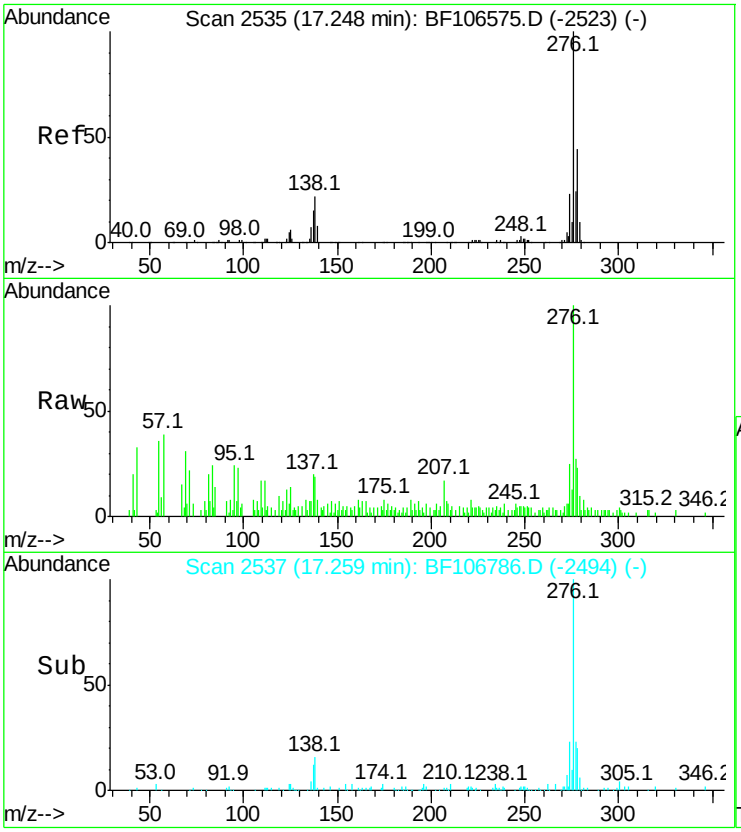


#82
Chrysene
Concen: 9.152 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:228 Resp: 68382

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.9	16.2	24.4



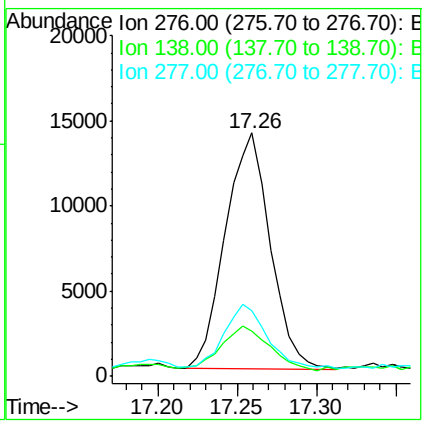


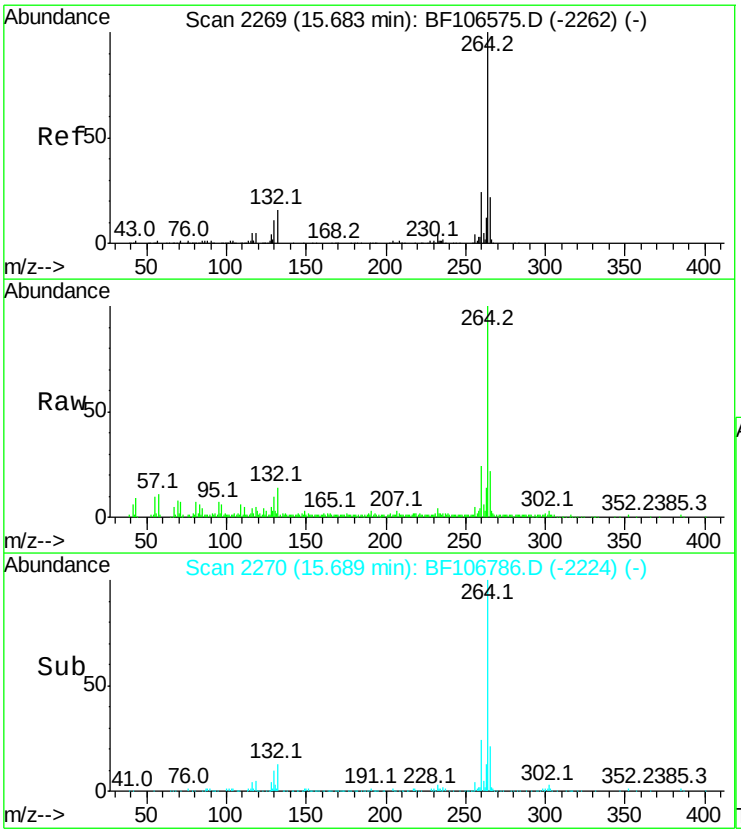
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.279 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 27129

Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.0	37.6#
277	25.6	20.1	30.1

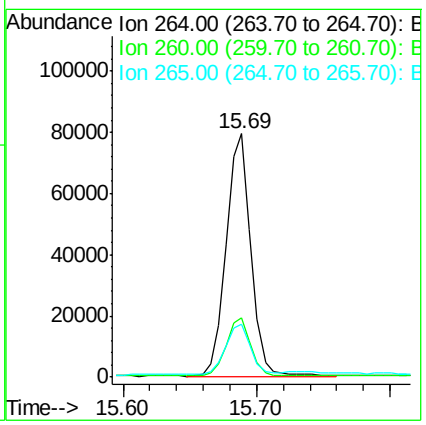


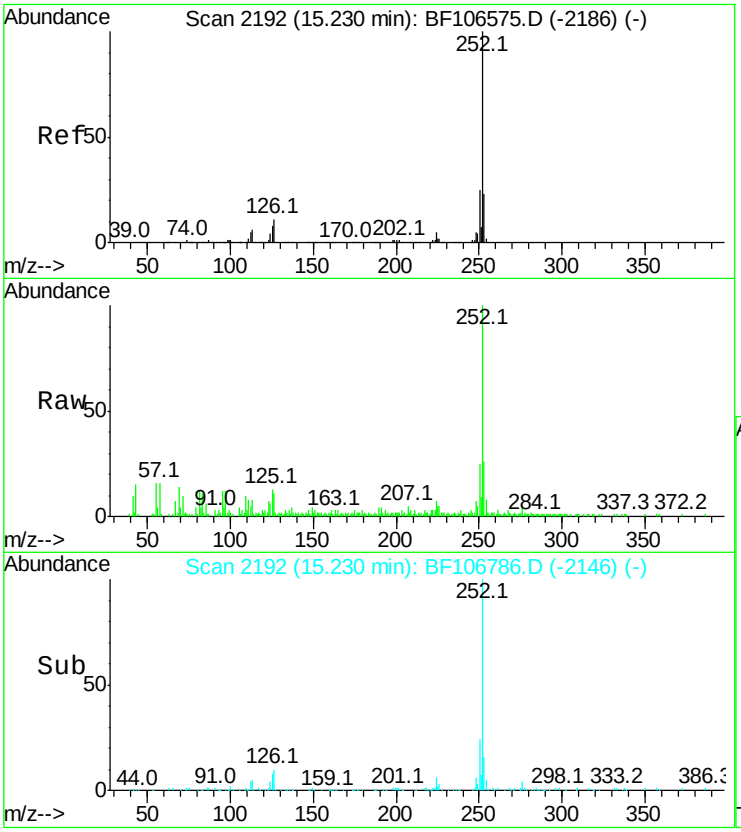


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:264 Resp: 102938

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3



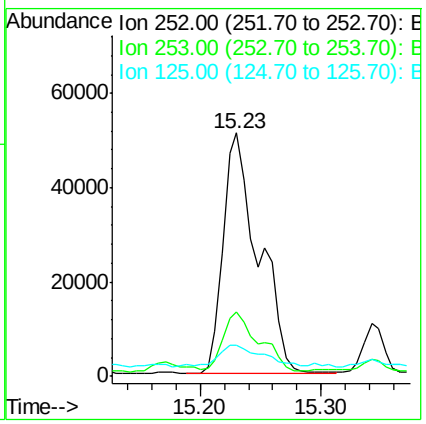


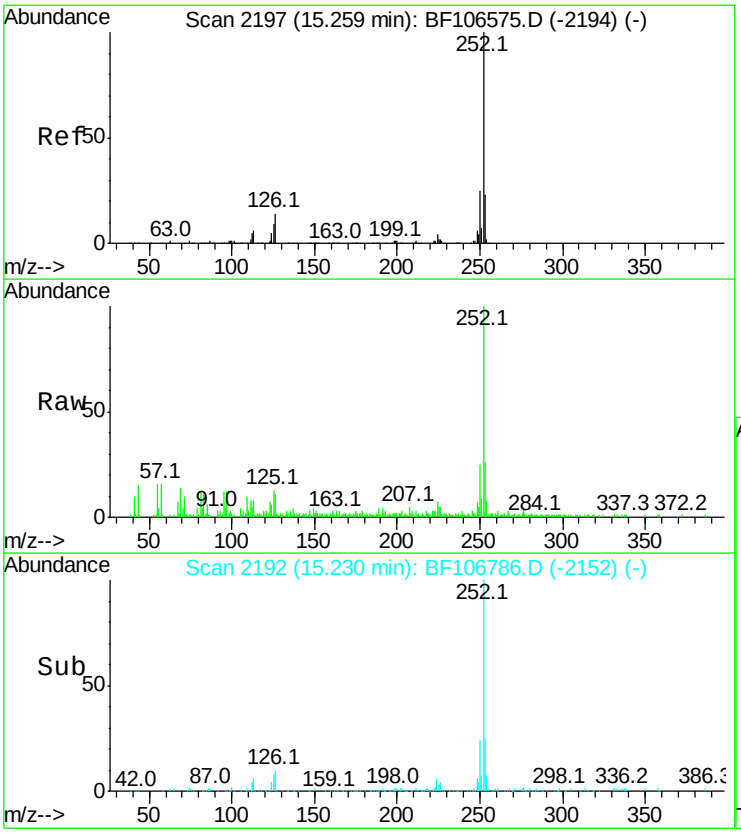
#87
Benzo(b)fluoranthene
Concen: 16.271 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 104046

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.0	25.6#
125	12.5	9.0	13.6

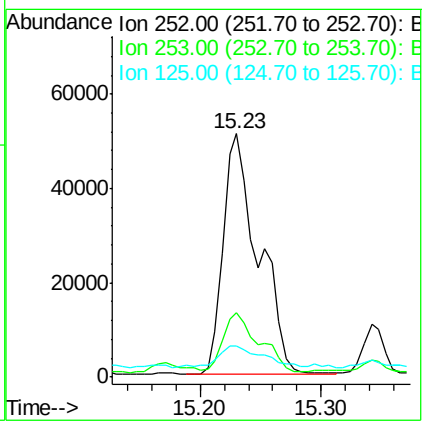


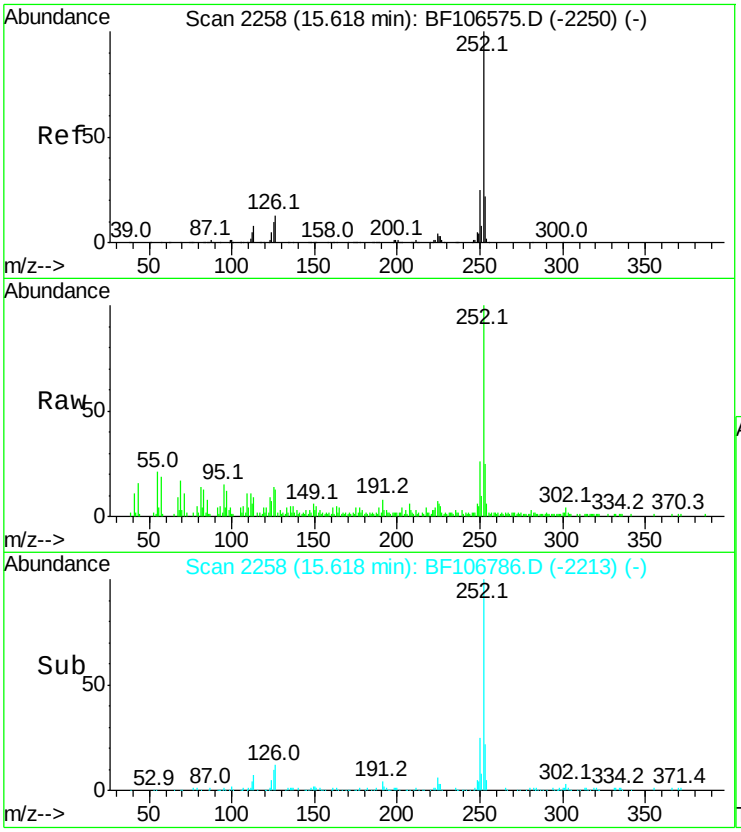


#88
Benzo(k)fluoranthene
Concen: 17.086 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.06 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:252 Resp: 104046

Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.9	26.9
125	12.5	10.2	15.2



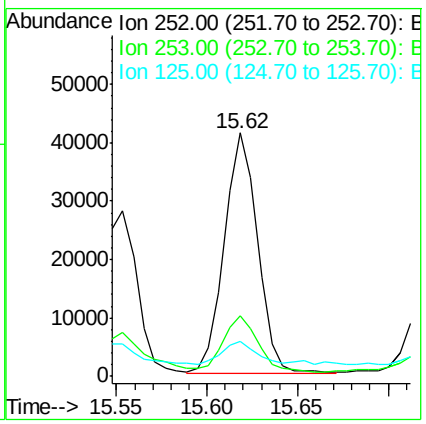


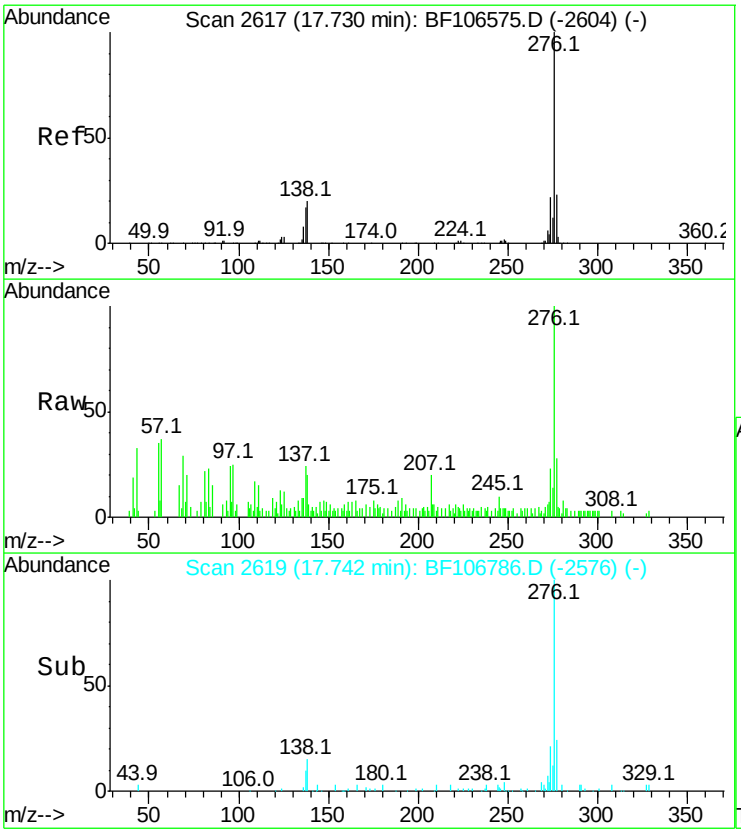
#89
Benzo(a)pyrene
Concen: 9.232 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 52480

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	14.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.303 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.05 min
Lab File: BF106786.D
Acq: 25 Jun 2018 21:55

Tgt Ion:276 Resp: 29678

Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	19.8	21.8	32.8#