Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106356.D
Acq On : 12 Jun 2018 20:30
Operator : JU/SJ
Sample : J3354-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 13 01:10:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	146879	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	495243	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	199676	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	392401	20.00	ng		0.00
75) Chrysene-d12	14.15	240	427038	20.00	ng		0.00
86) Perylene-d12	15.69	264	311798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1058774	122.00	ng		0.02
7) Phenol-d6	6.60	99	1271841	116.00	ng		0.01
23) Nitrobenzene-d5	7.54	82	808595	96.05	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	303092	157.76	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1243083	129.58	ng		0.00
78) Terphenyl-d14	13.09	244	1508227	87.72	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	25147	3.024	ng		82
19) n-Nitroso-di-n-propylamine	7.54	70	113843	13.840	ng	#	74
25) Isophorone	7.54	82	808595	49.175	ng	#	64
32) Benzoic acid	7.93	122	151	7.314	ng	#	55
49) Dimethylphthalate	9.72	163	138382	9.700	ng		99
56) 2,4-Dinitrotoluene	10.01	165	26065	7.123	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.81	198	645	6.560	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	19308	4.326	ng	#	1
70) Phenanthrene	11.53	178	70503	3.669	ng		98
74) Fluoranthene	12.72	202	179237	8.746	ng		96
77) Pyrene	12.95	202	234637	8.776	ng		99
80) Benzo(a)anthracene	14.14	228	104762	4.122	ng		99
82) Chrysene	14.18	228	89864	3.873	ng		97
87) Benzo(b)fluoranthene	15.23	252	93934	4.984	ng		97
88) Benzo(k)fluoranthene	15.23	252	93934	5.032	ng		99
89) Benzo(a)pyrene	15.62	252	59502	3.510	ng		95

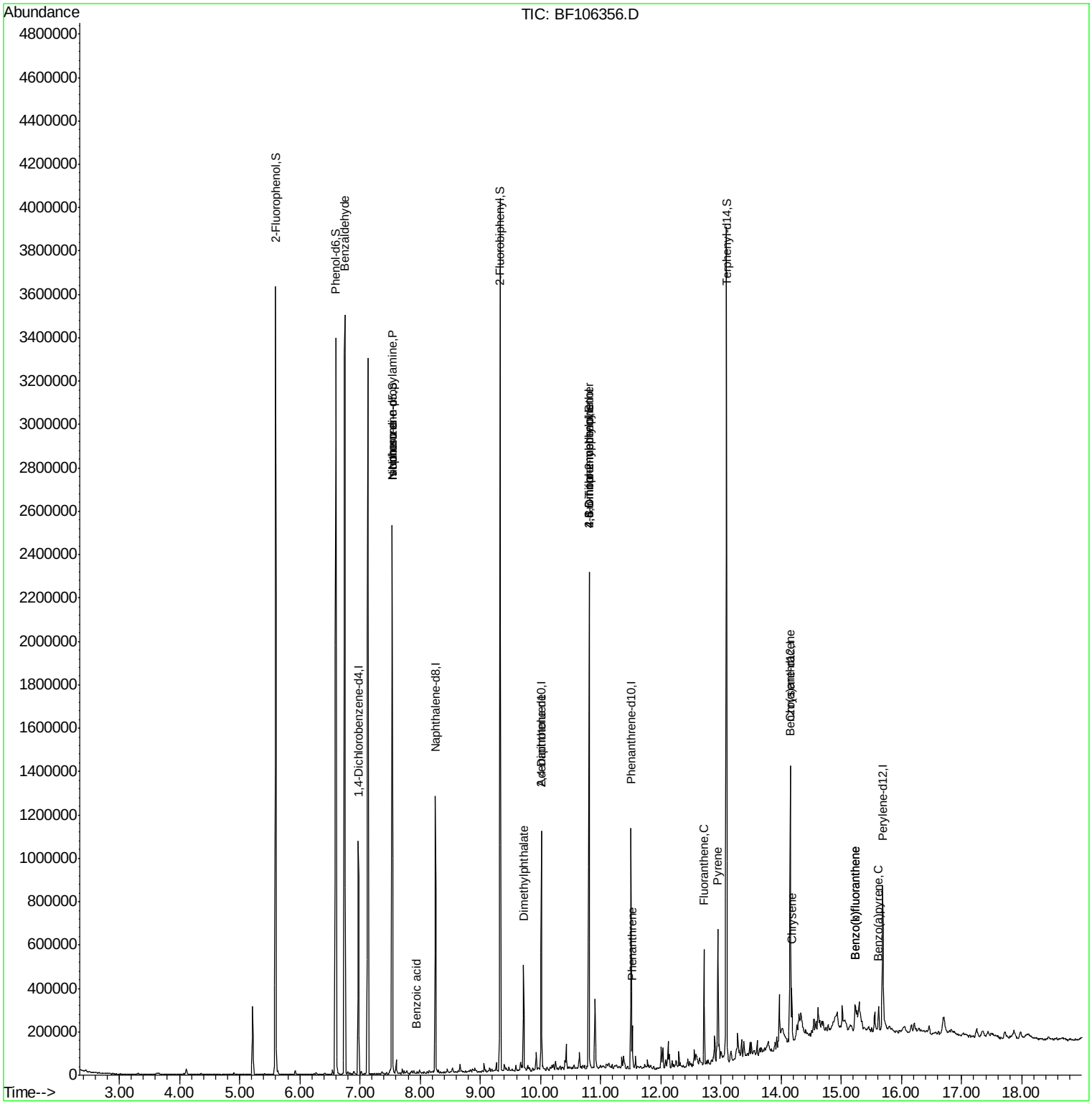
(#) = qualifier out of range (m) = manual integration (+) = signals summed

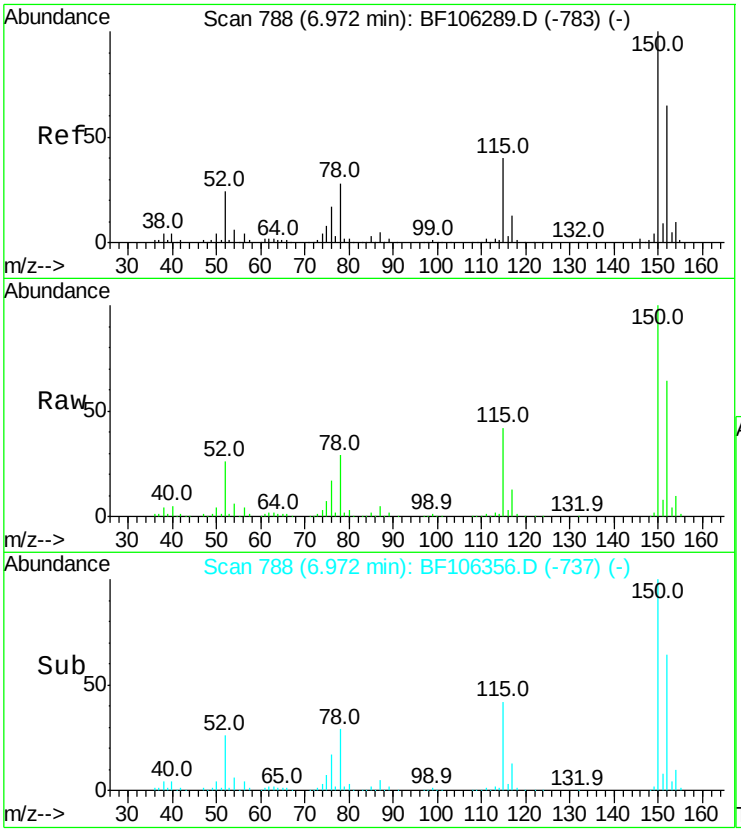
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106356.D
Acq On : 12 Jun 2018 20:30
Operator : JU/SJ
Sample : J3354-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 13 01:10:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration



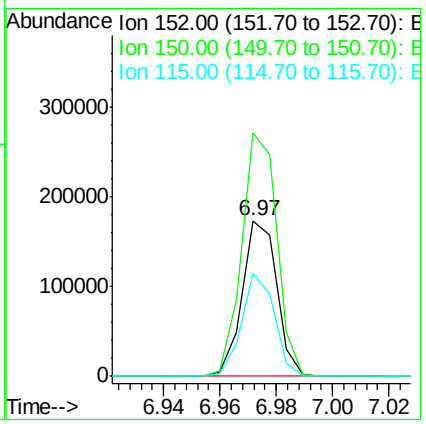


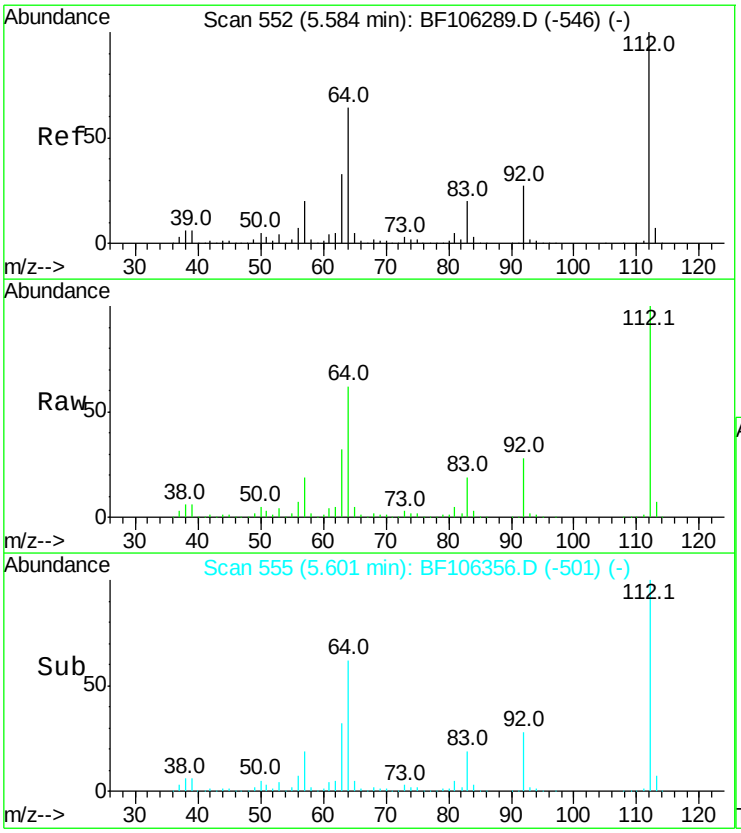
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 146879

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	65.7	50.1	75.1

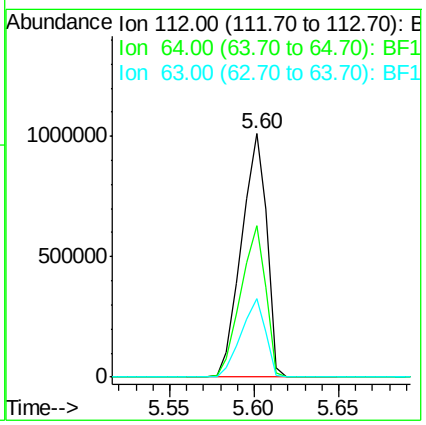


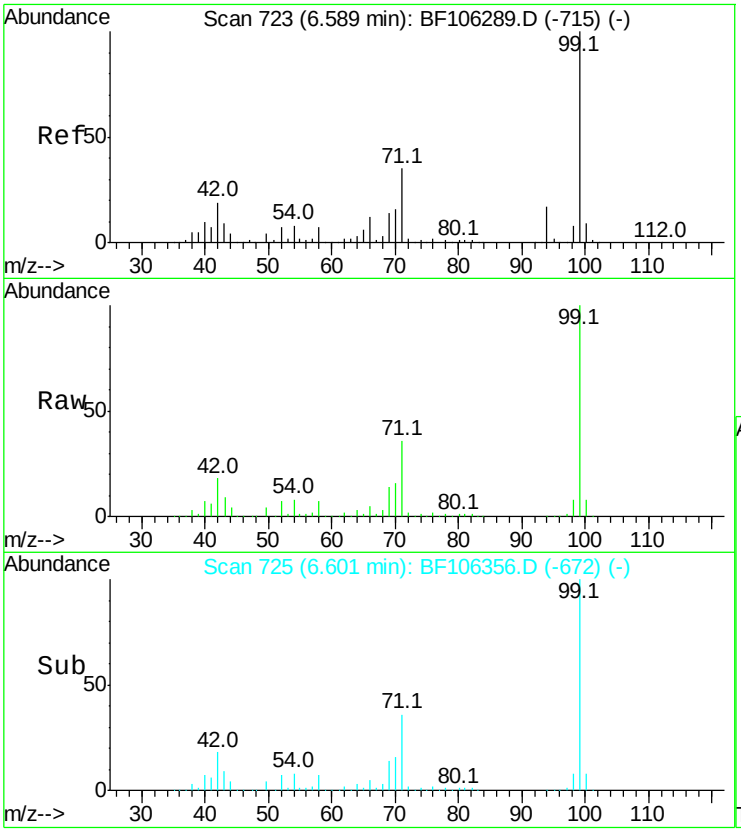


#5
2-Fluorophenol
Concen: 122.003 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:112 Resp: 1058774

Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	32.3	23.7	35.5



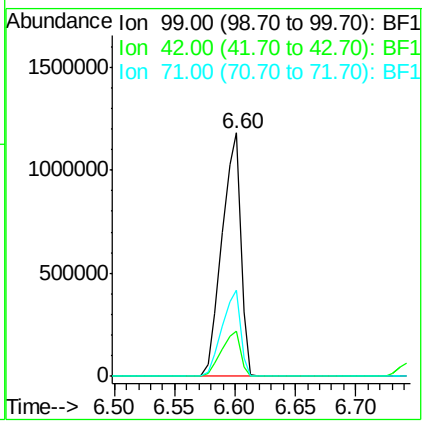


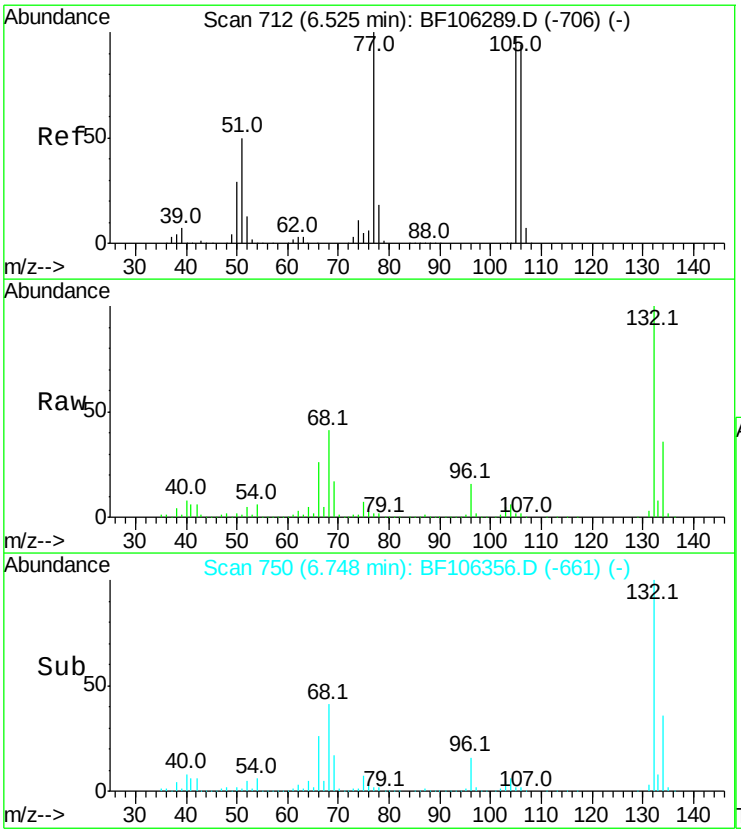
#7
Phenol-d6
Concen: 116.000 ng
RT: 6.60 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1271841

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	35.7	25.4	38.0

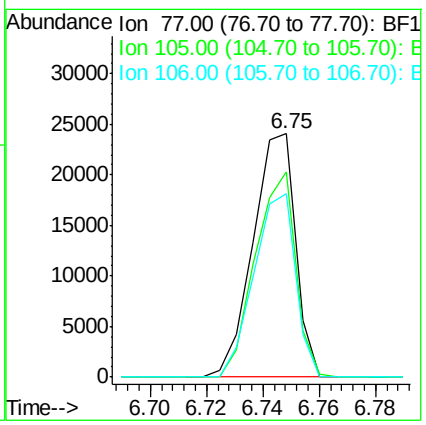


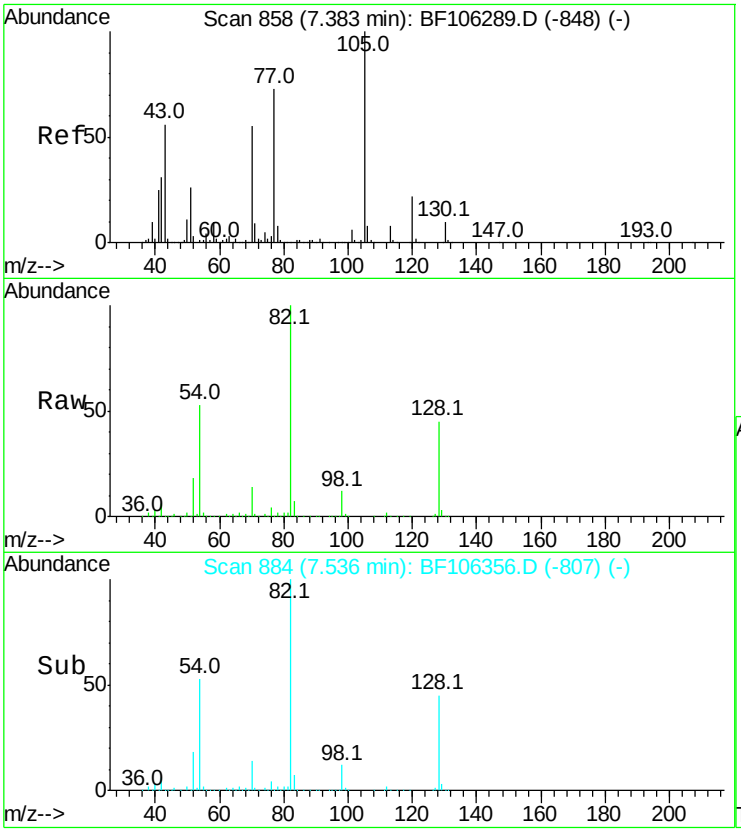


#9
Benzaldehyde
Concen: 3.024 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.22 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion: 77 Resp: 25147

Ion	Ratio	Lower	Upper
77	100		
105	84.5	81.1	121.1
106	75.2	74.5	114.5



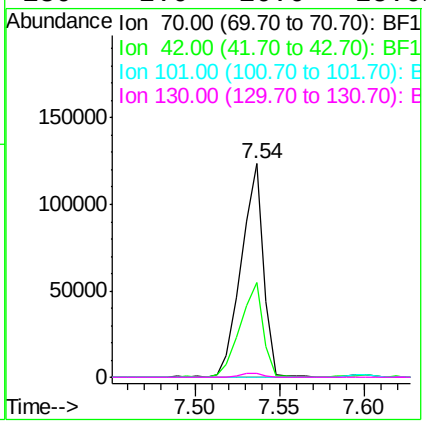


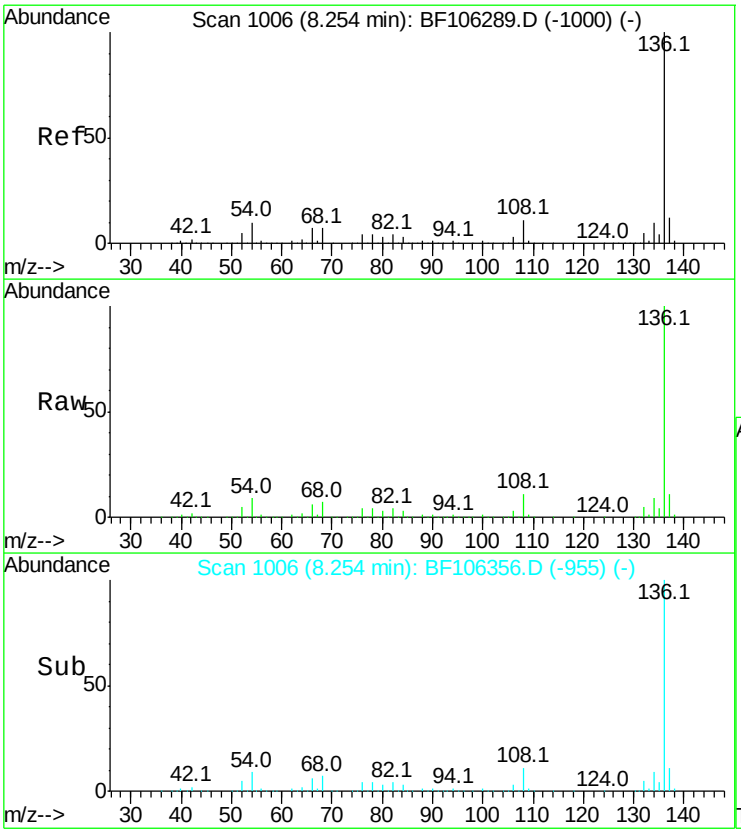
#19
n-Nitroso-di-n-propylamine
Concen: 13.840 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 113843

Ion	Ratio	Lower	Upper
70	100		
42	44.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

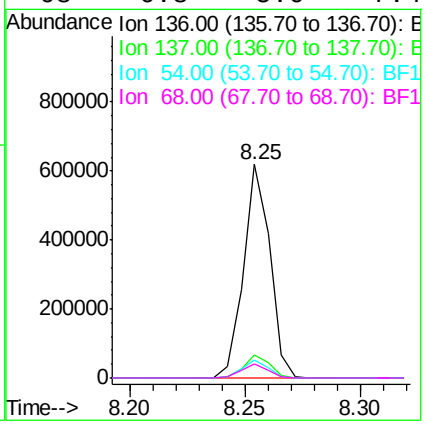


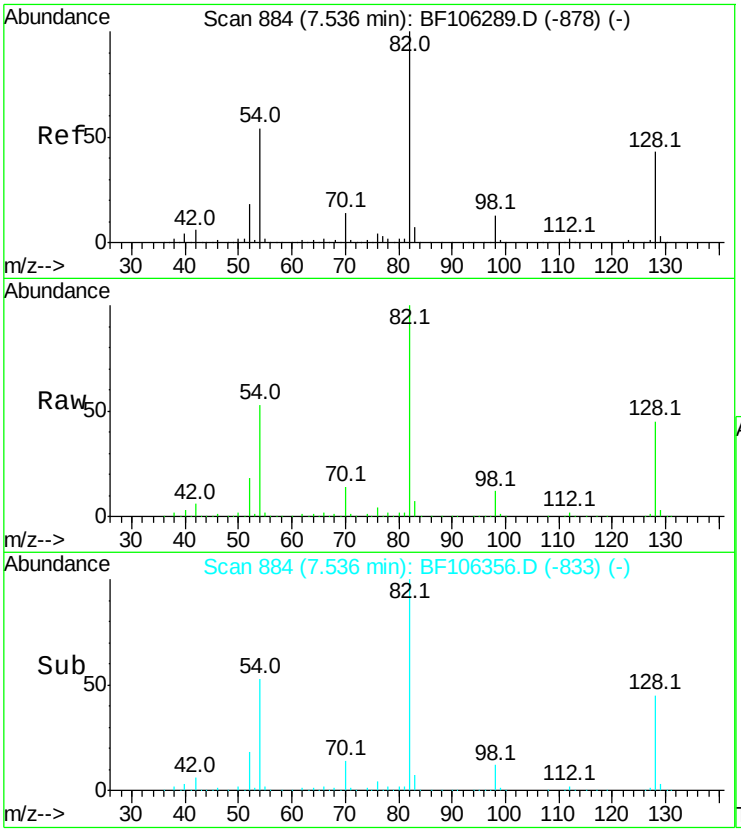


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:136 Resp: 495243

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	6.8	5.0	7.4



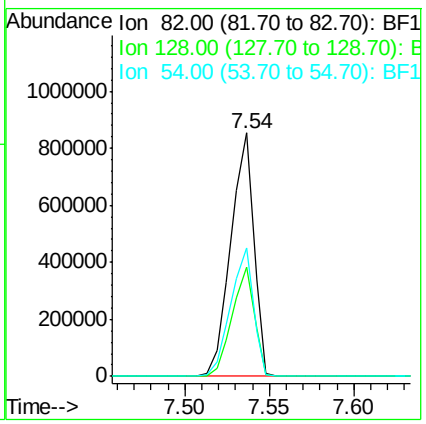


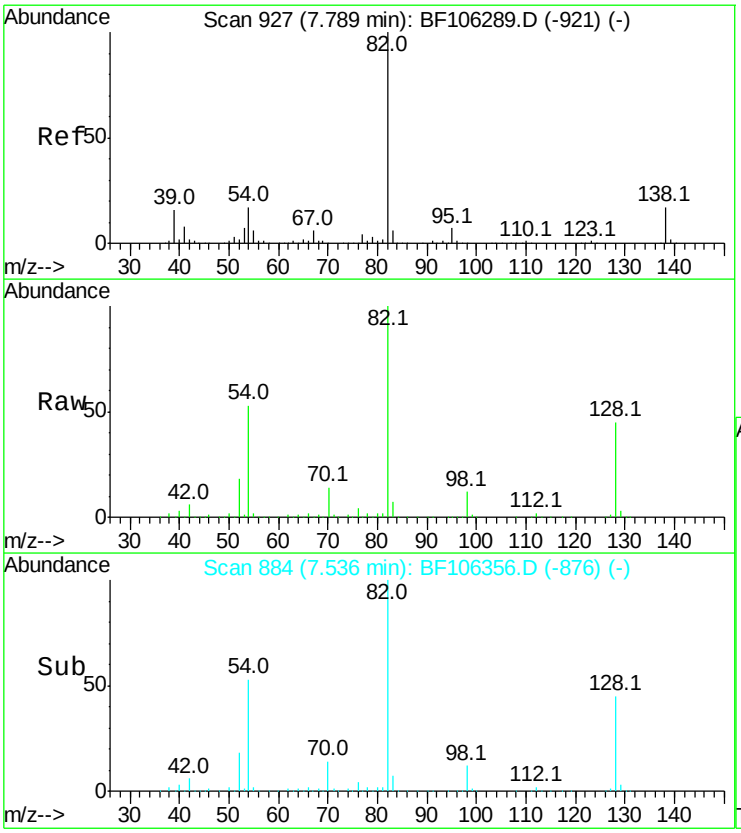
#23
Nitrobenzene-d5
Concen: 96.051 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 808595

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	52.9	41.4	62.2

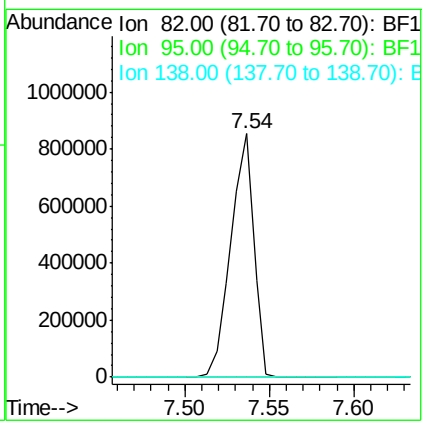


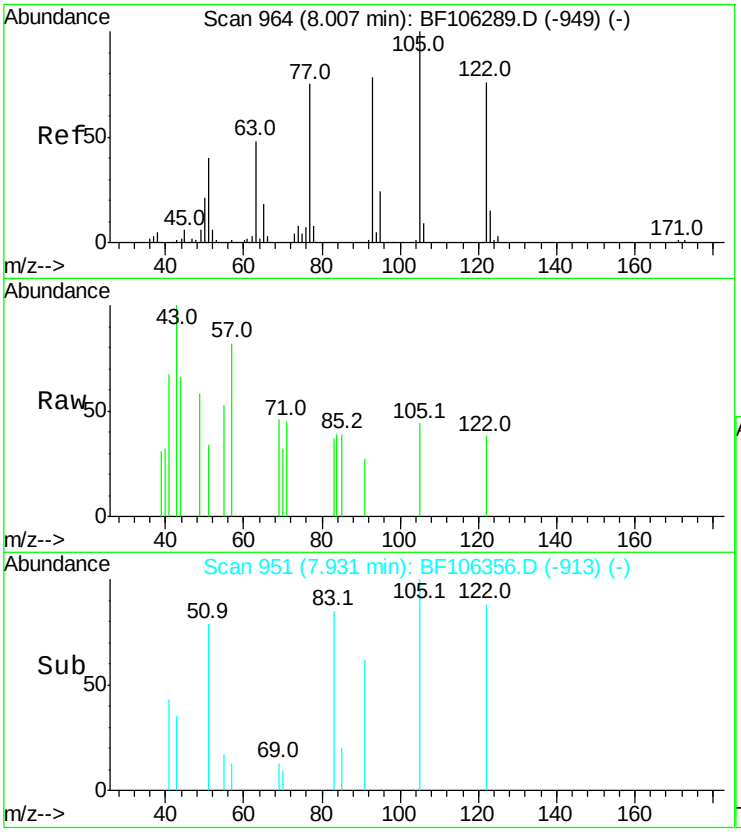


#25
Isophorone
Concen: 49.175 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.25 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion: 82 Resp: 808595

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



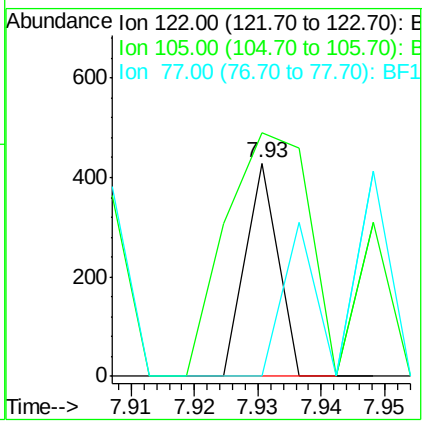


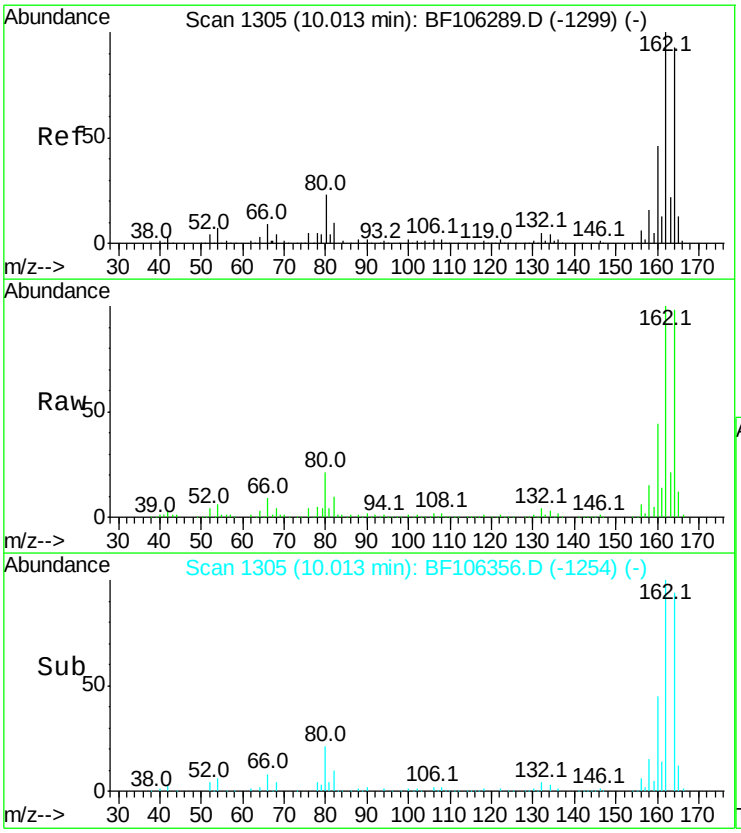
#32
Benzoic acid
Concen: 7.314 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.08 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 151

Ion	Ratio	Lower	Upper
122	100		
105	114.2	101.1	141.1
77	0.0	70.7	110.7#

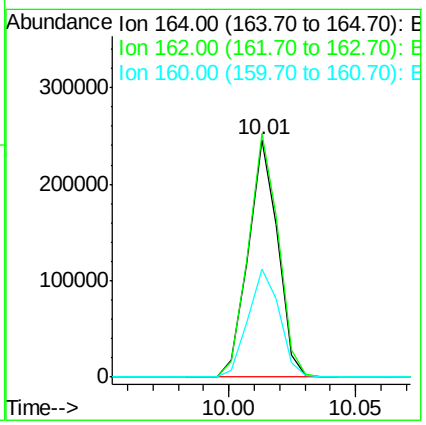


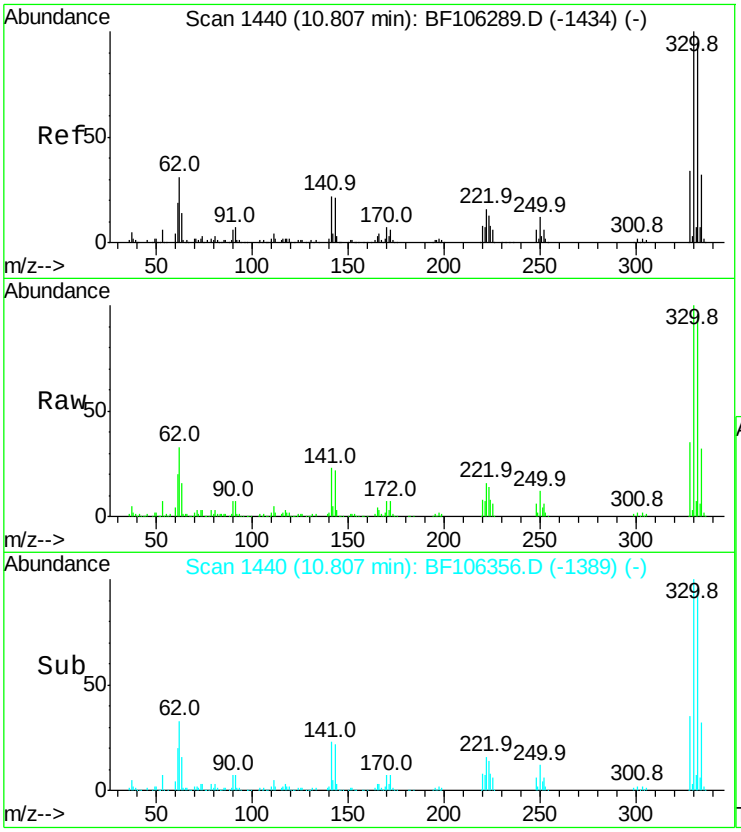


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:164 Resp: 199676

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.5	38.3	57.5



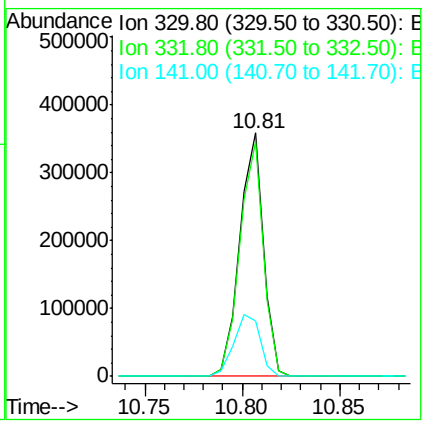


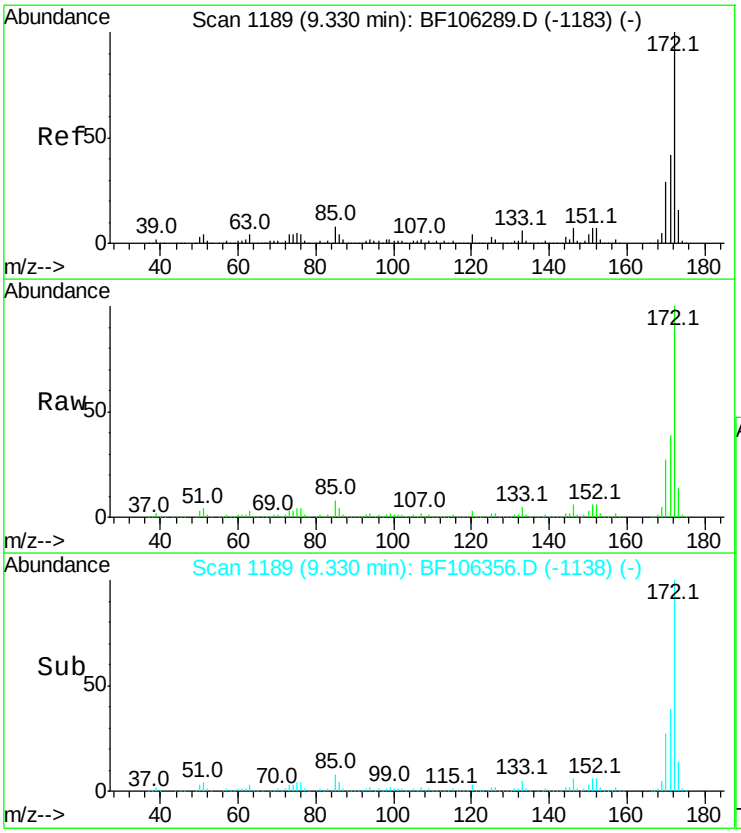
#41
2,4,6-Tribromophenol
Concen: 157.759 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 303092

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	28.6	29.9	44.9#

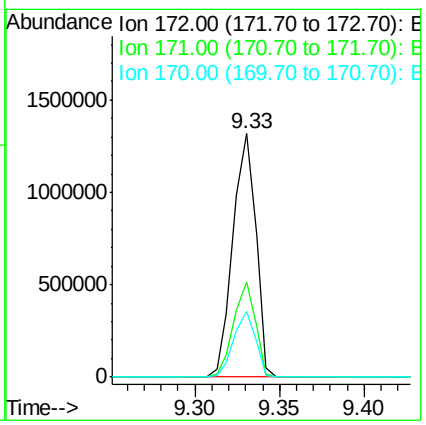


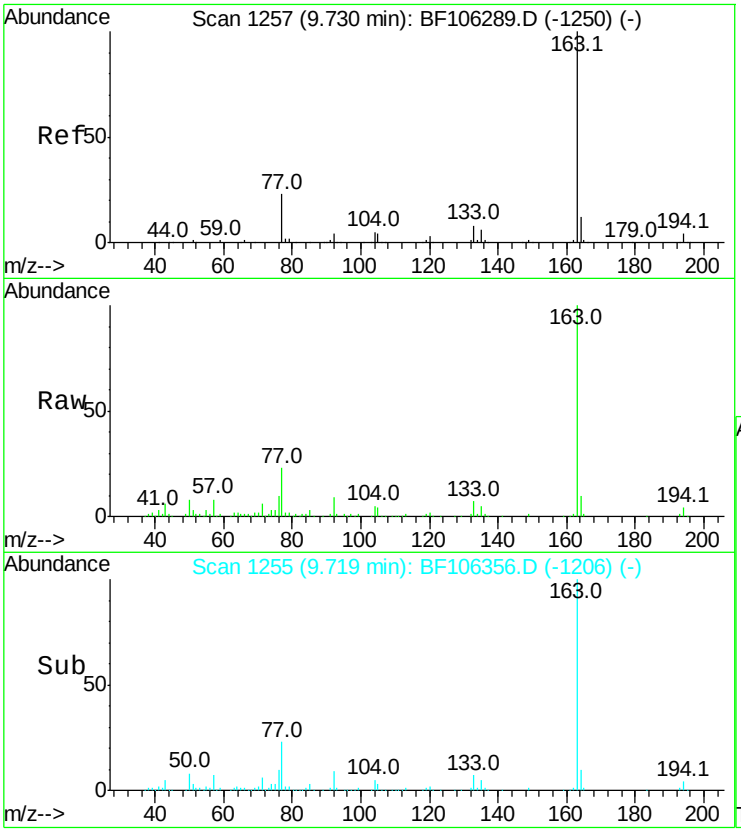


#44
2-Fluorobiphenyl
Concen: 129.576 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:172 Resp: 1243083

Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.7	44.5
170	27.0	19.6	29.4



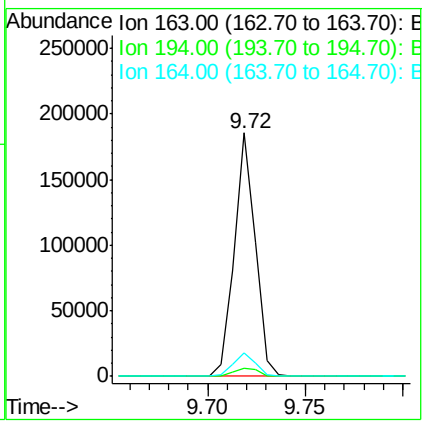


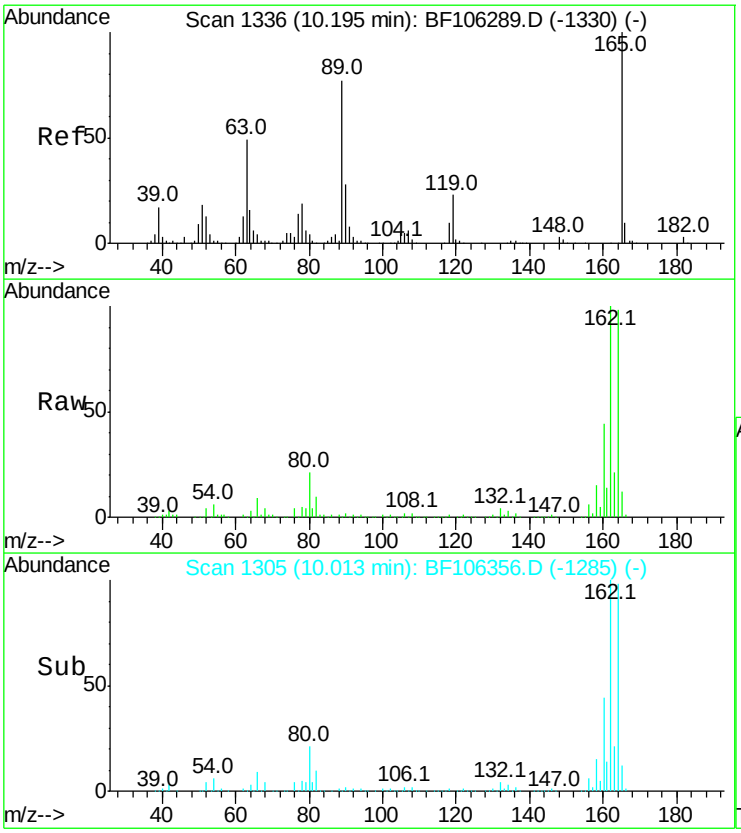
#49
Dimethylphthalate
Concen: 9.700 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 138382

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

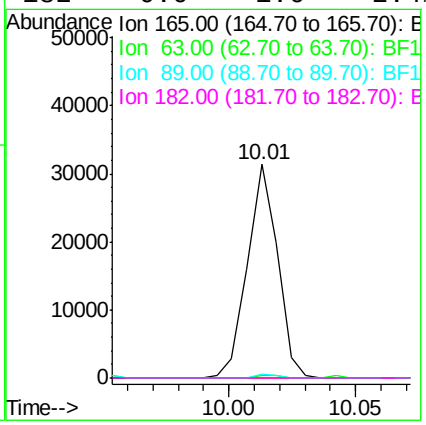


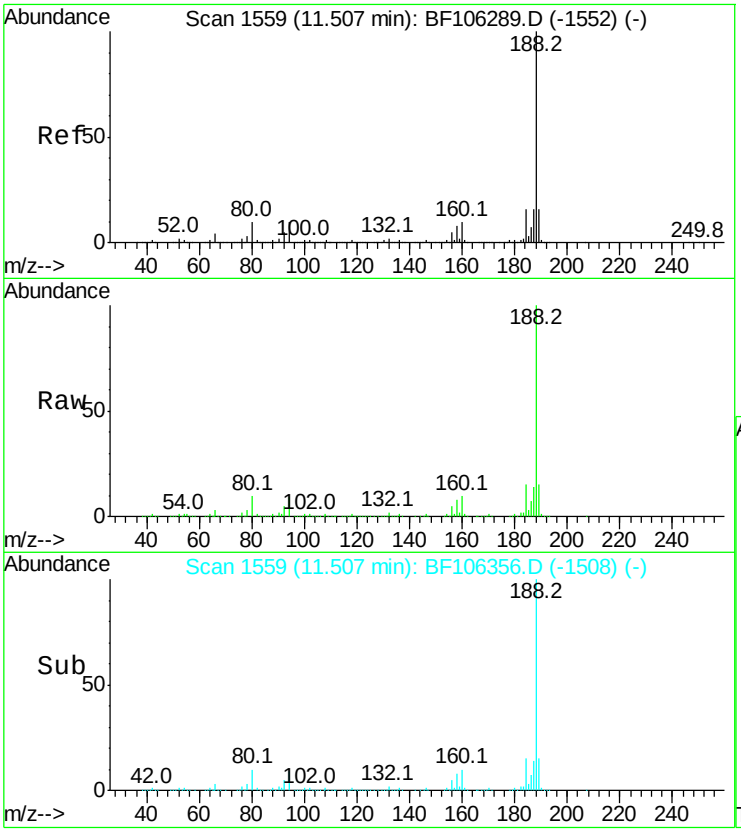


#56
2,4-Dinitrotoluene
Concen: 7.123 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:165 Resp: 26065

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



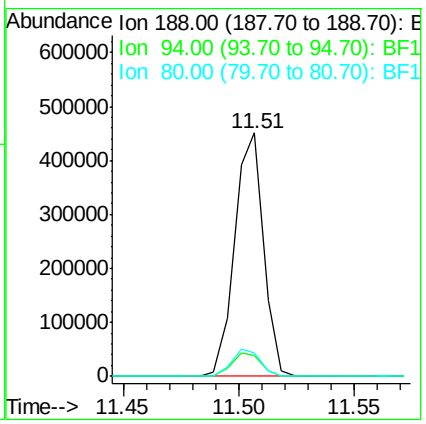


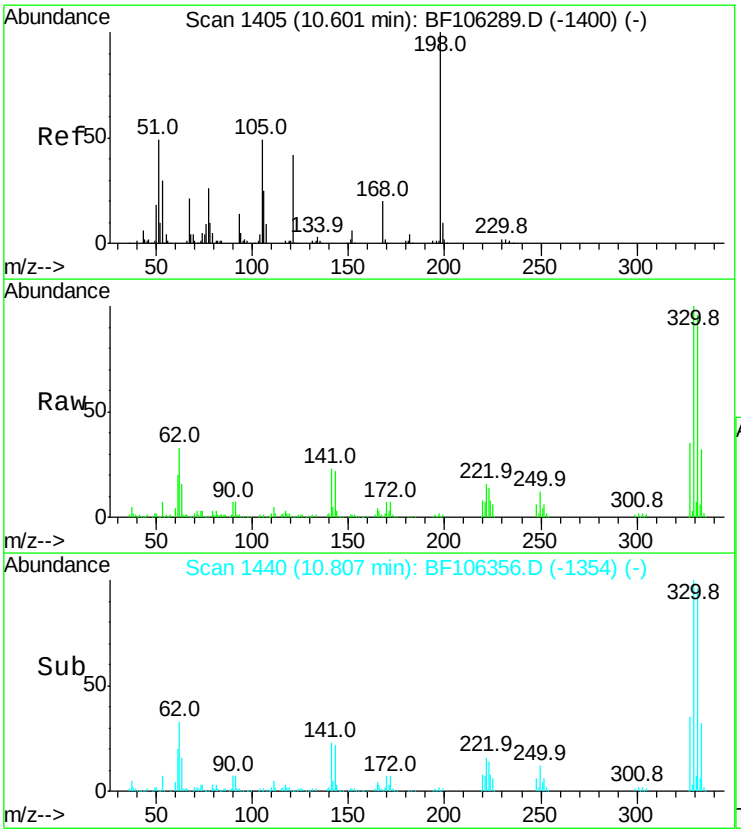
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 392401

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.8	9.2	13.8

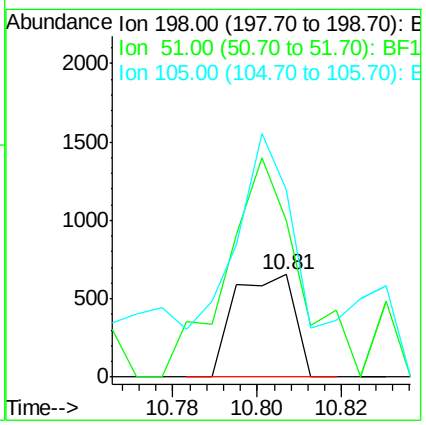


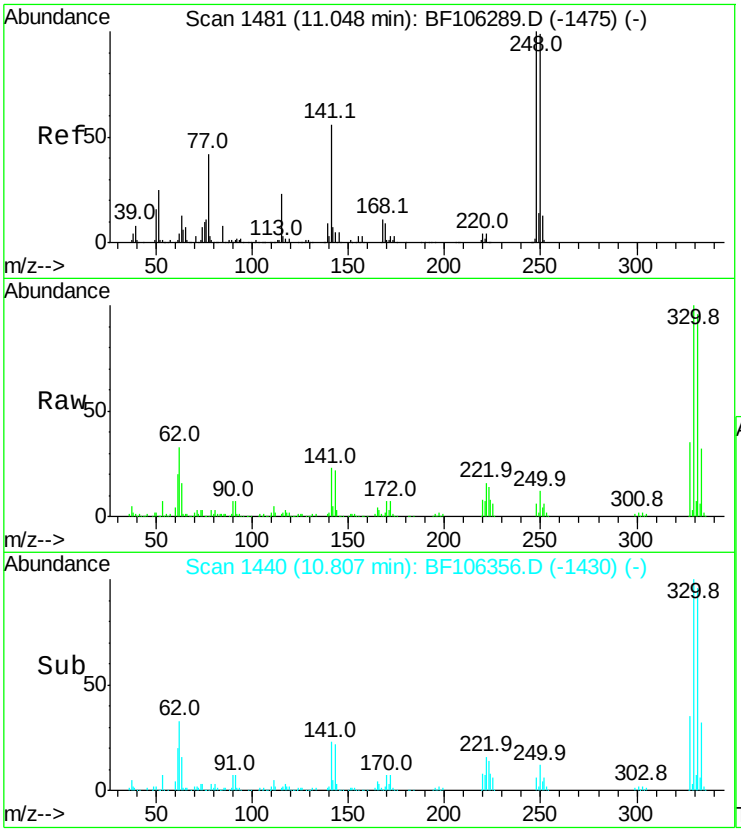


#64
4,6-Dinitro-2-methylphenol
Concen: 6.560 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.21 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:198 Resp: 645

Ion	Ratio	Lower	Upper
198	100		
51	153.5	37.7	77.7#
105	183.0	36.3	76.3#



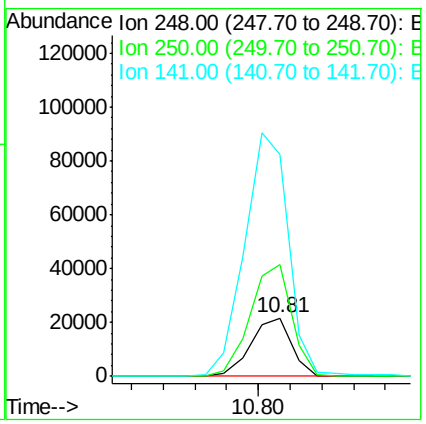


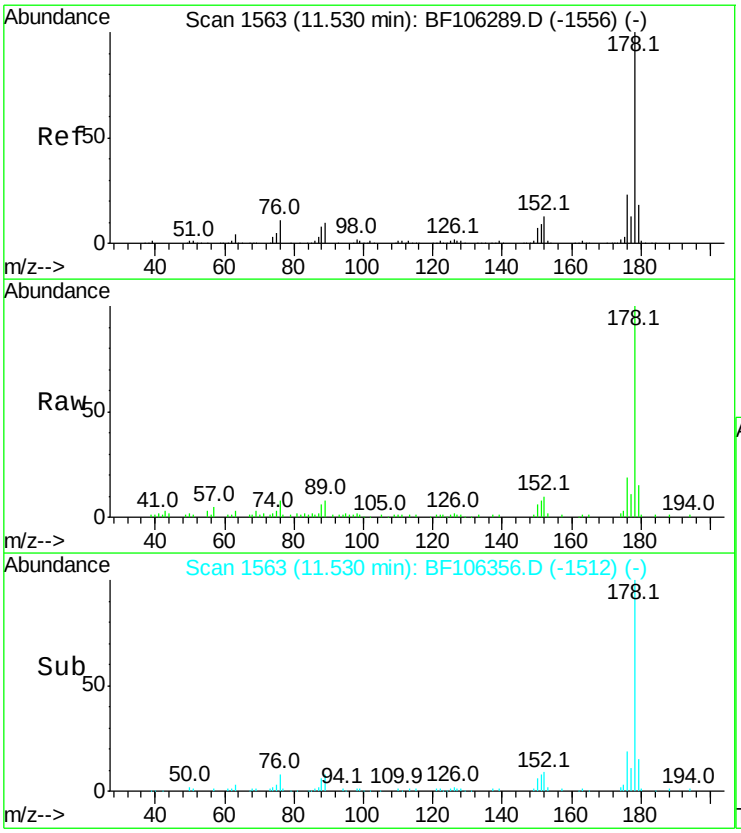
#66
4-Bromophenyl-phenylether
Concen: 4.326 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 19308

Ion	Ratio	Lower	Upper
248	100		
250	191.6	76.9	115.3#
141	381.1	74.4	111.6#

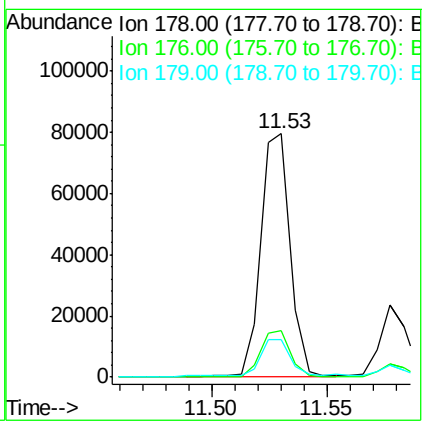


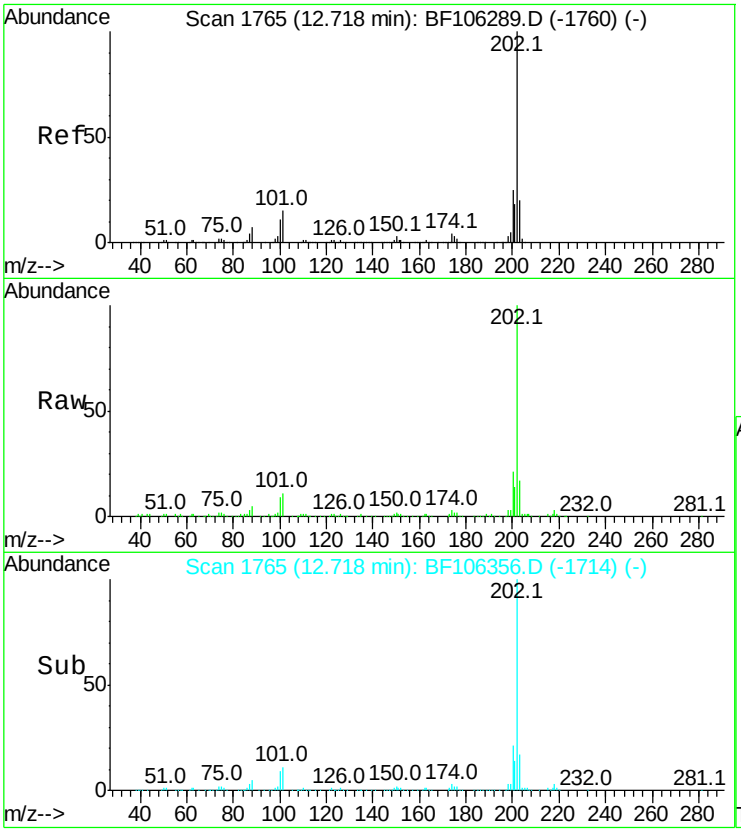


#70
Phenanthrene
Concen: 3.669 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:178 Resp: 70503

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.5	13.0	19.6



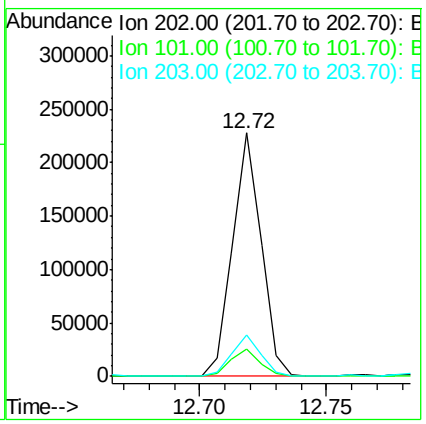


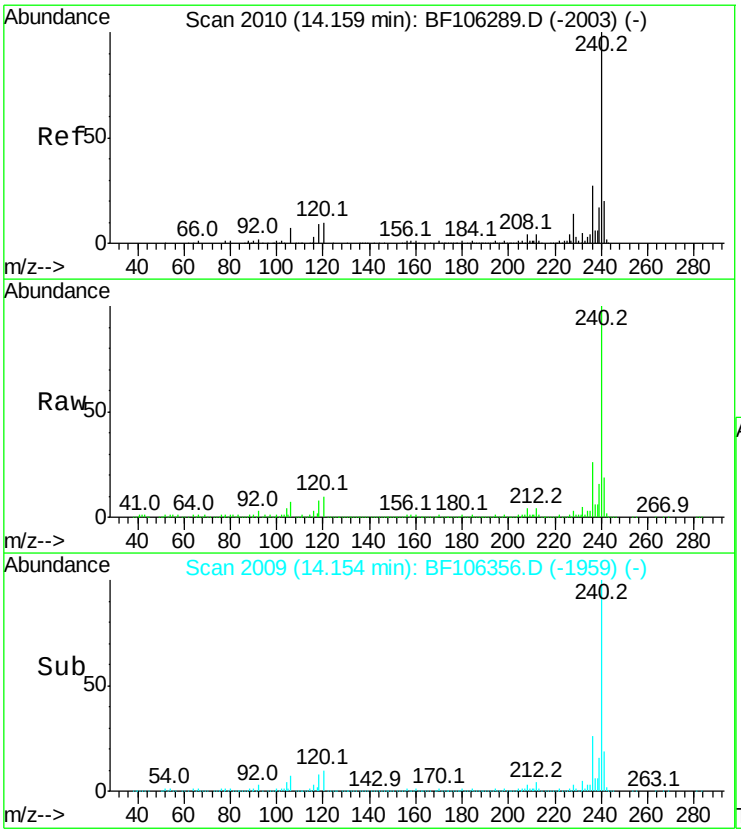
#74
Fluoranthene
Concen: 8.746 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 179237

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.2	0.0	38.1

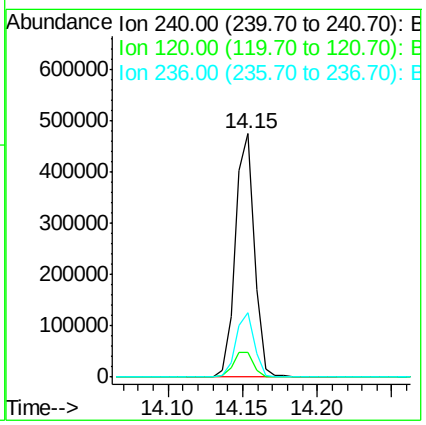


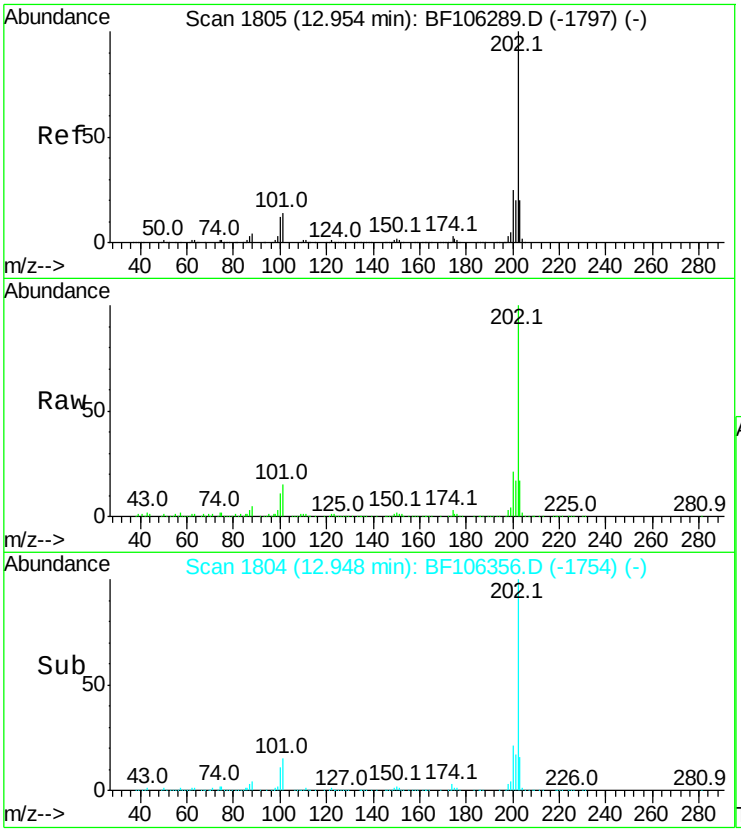


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:240 Resp: 427038

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.3	20.7	31.1



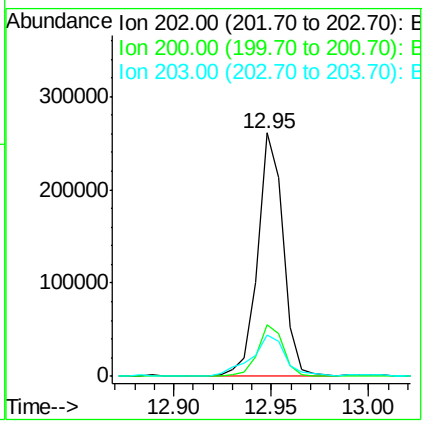


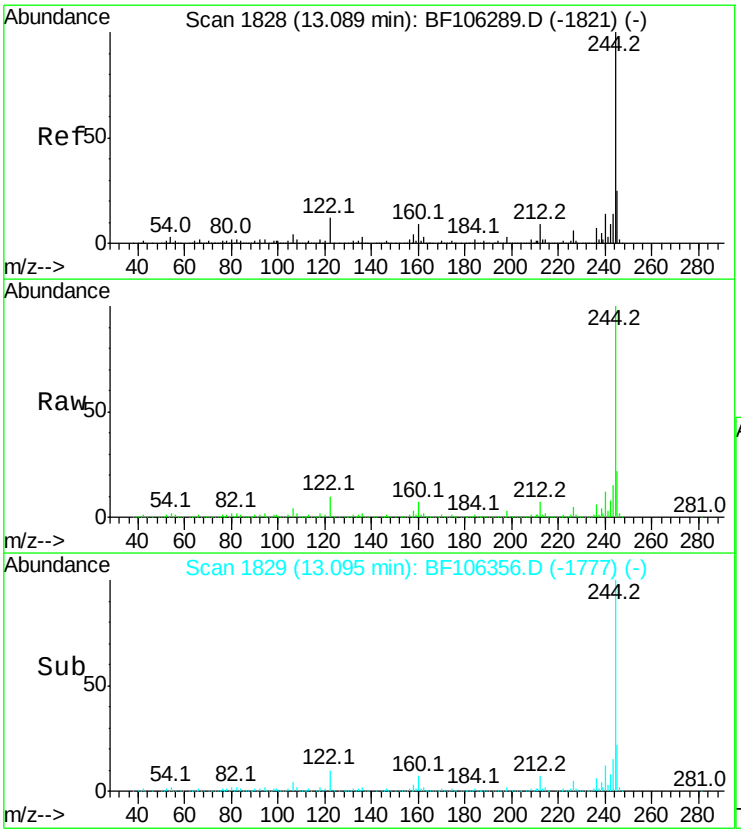
#77
Pyrene
Concen: 8.776 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 234637

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.0	14.3	21.5

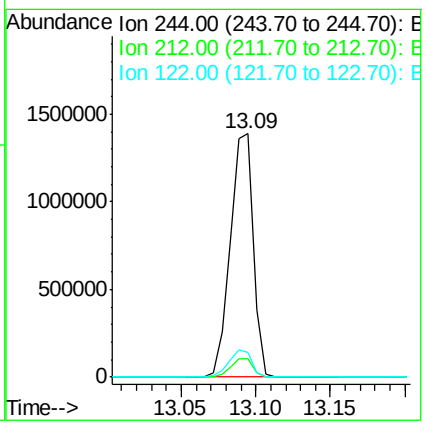


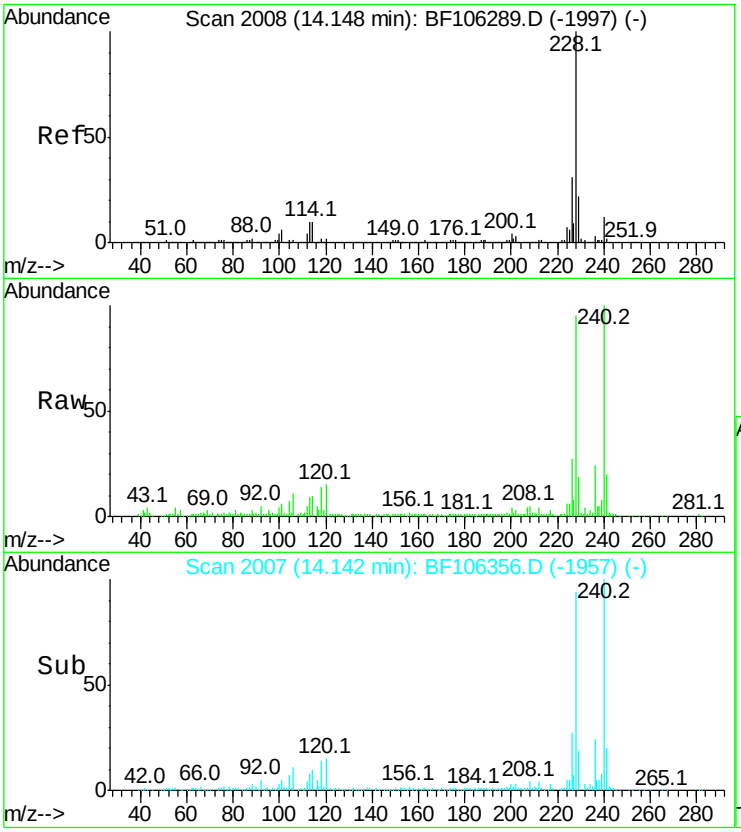


#78
Terphenyl-d14
Concen: 87.723 ng
RT: 13.09 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:244 Resp: 1508227

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.0	11.0	16.4#



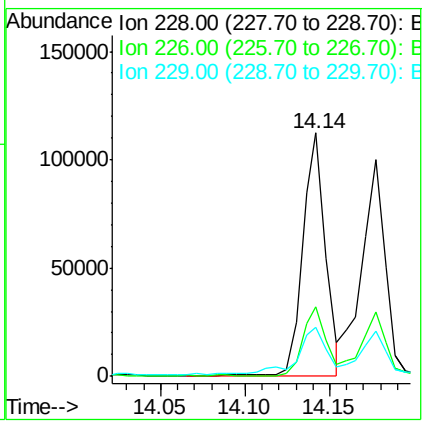


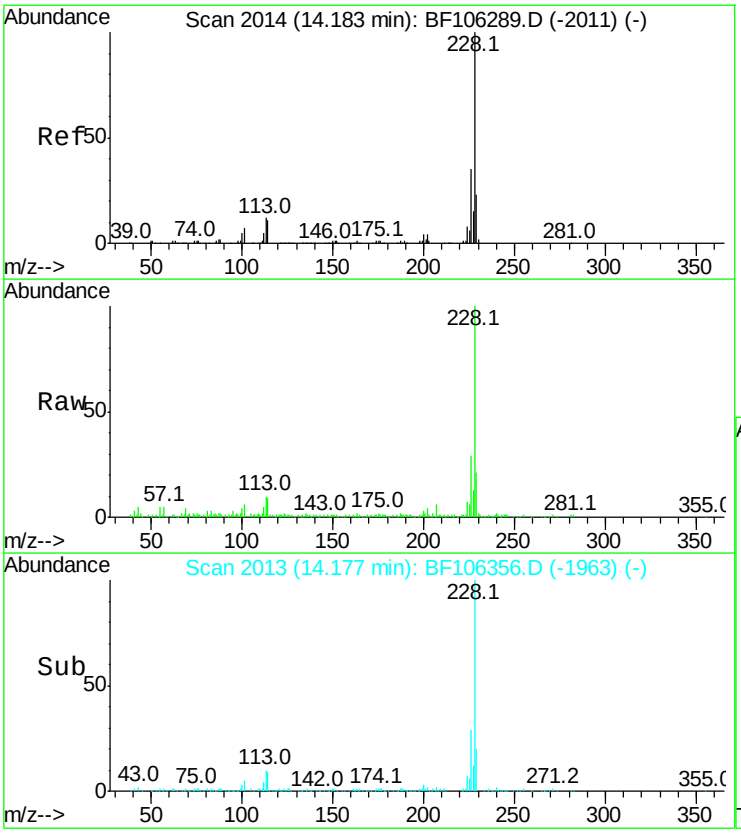
#80
Benzo(a)anthracene
Concen: 4.122 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 104762

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.3	15.8	23.6

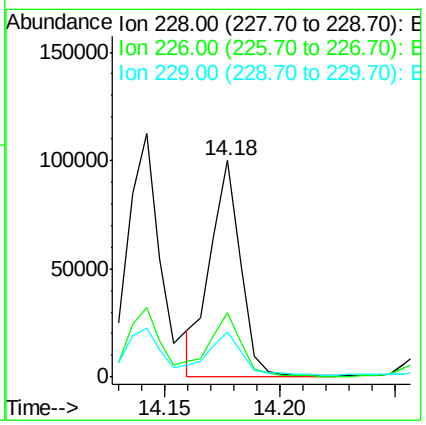


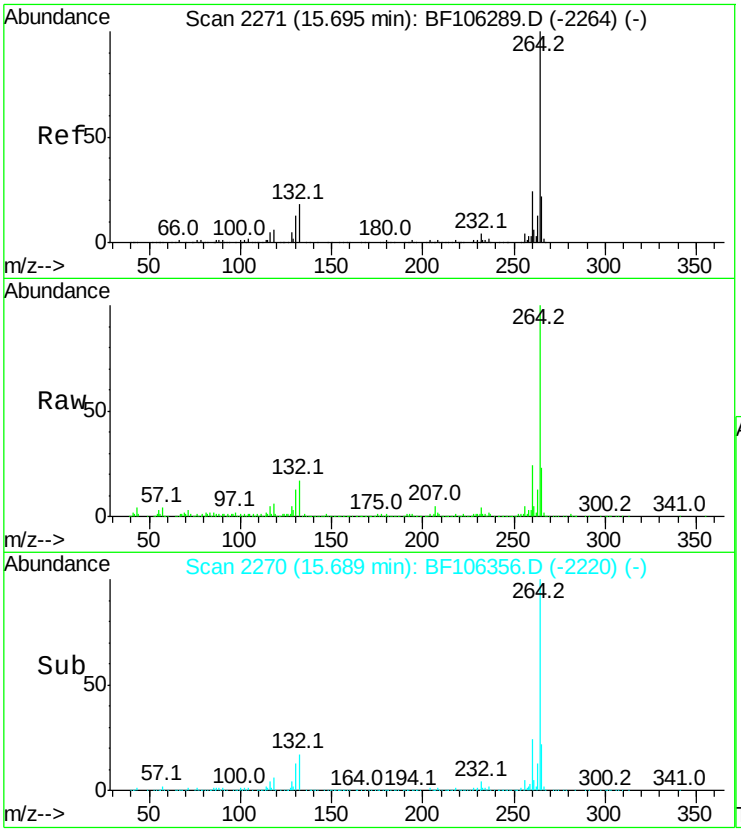


#82
Chrysene
Concen: 3.873 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:228 Resp: 89864

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	21.1	16.2	24.4



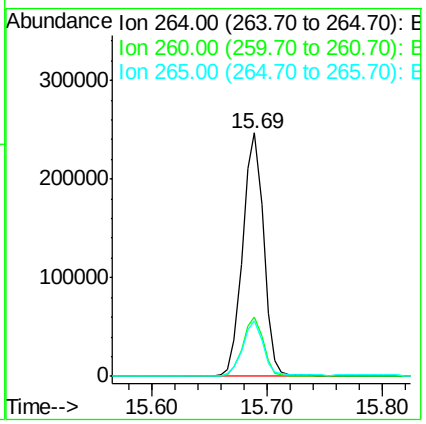


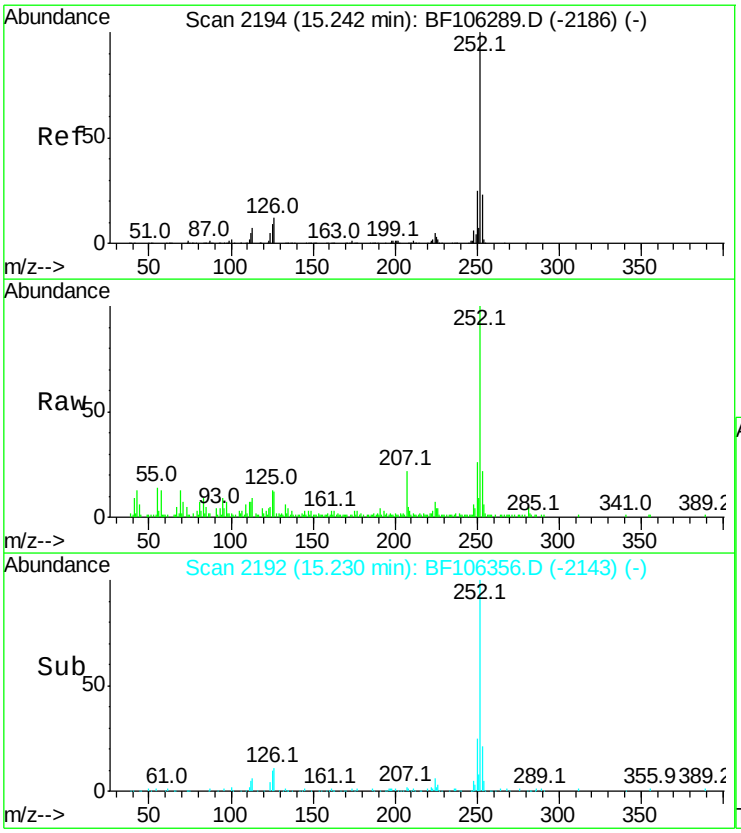
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 311798

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.7	17.5	26.3

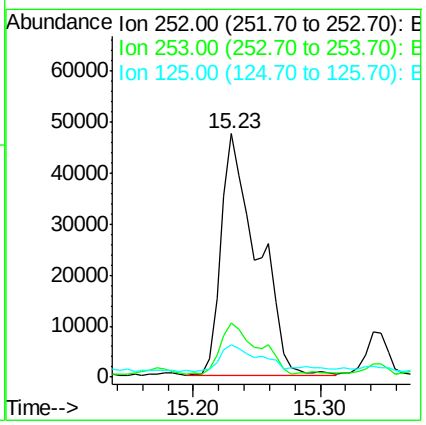


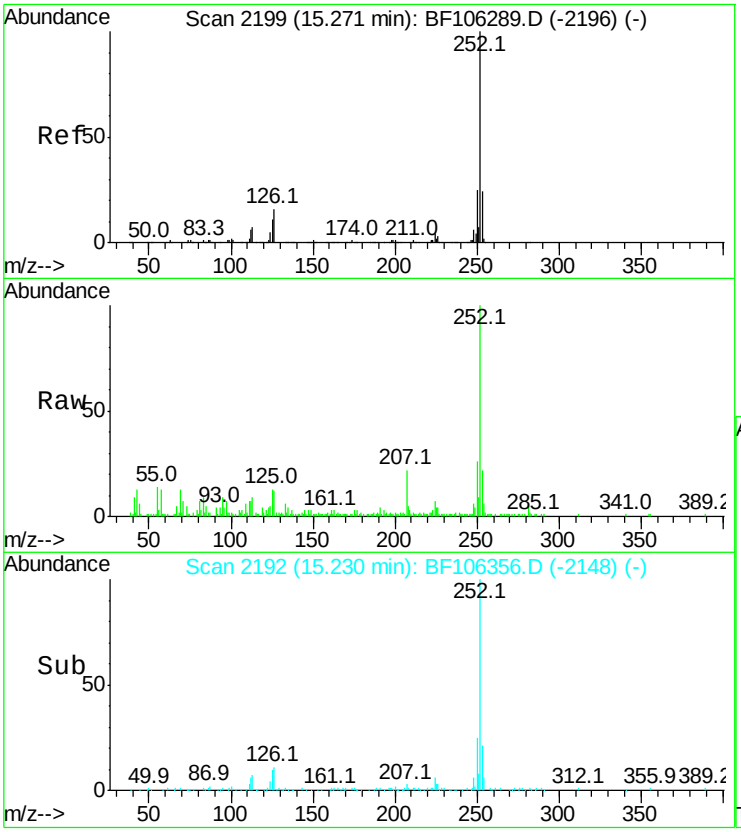


#87
Benzo(b)fluoranthene
Concen: 4.984 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:252 Resp: 93934

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.3	9.0	13.6



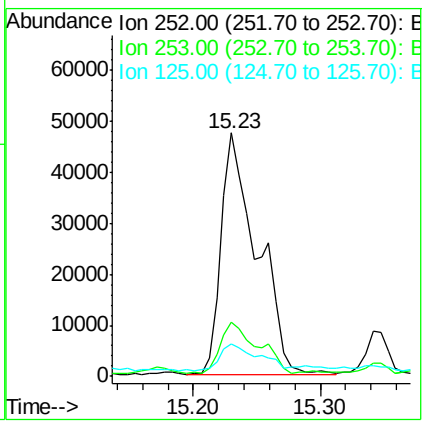


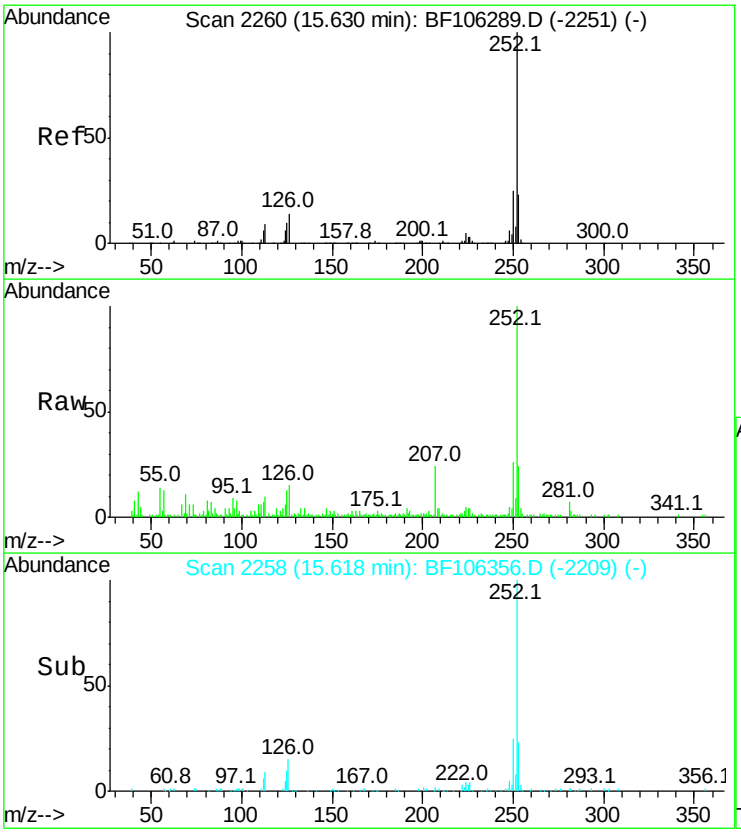
#88
Benzo(k)fluoranthene
Concen: 5.032 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.04 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 93934

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.3	10.2	15.2





#89
Benzo(a)pyrene
Concen: 3.510 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF106356.D
Acq: 12 Jun 2018 20:30

Tgt Ion:252 Resp: 59502

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	12.7	9.8	14.6