Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
Data File : BF106648.D
Acq On : 21 Jun 2018 4:41
Operator : JU/SJ
Sample : J3580-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Time: Jun 21 05:21:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	82799	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	311490	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	147211	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	241449	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	230254	20.00	ng	0.00
86) Perylene-d12	15.69	264	171784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	452419	92.52	ng	0.00
7) Phenol-d6	6.60	99	564748	92.49	ng	0.00
23) Nitrobenzene-d5	7.52	82	367787	65.62	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	148496	87.03	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	647498	72.23	ng	0.00
78) Terphenyl-d14	13.08	244	615703	64.77	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	48502	12.050	ng	# 73
25) Isophorone	7.52	82	367782	37.237	ng	# 64
49) Dimethylphthalate	9.71	163	91328	8.272	ng	99
56) 2,4-Dinitrotoluene	10.00	165	18688	6.124	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	9381	3.256	ng	# 1
74) Fluoranthene	12.71	202	26039	2.029	ng	97
83) Bis(2-ethylhexyl)phthalate	14.10	149	16321	2.045	ng	# 91
87) Benzo(b)fluoranthene	15.23	252	36021	3.376	ng	# 45
88) Benzo(k)fluoranthene	15.23	252	36021	3.545	ng	# 50

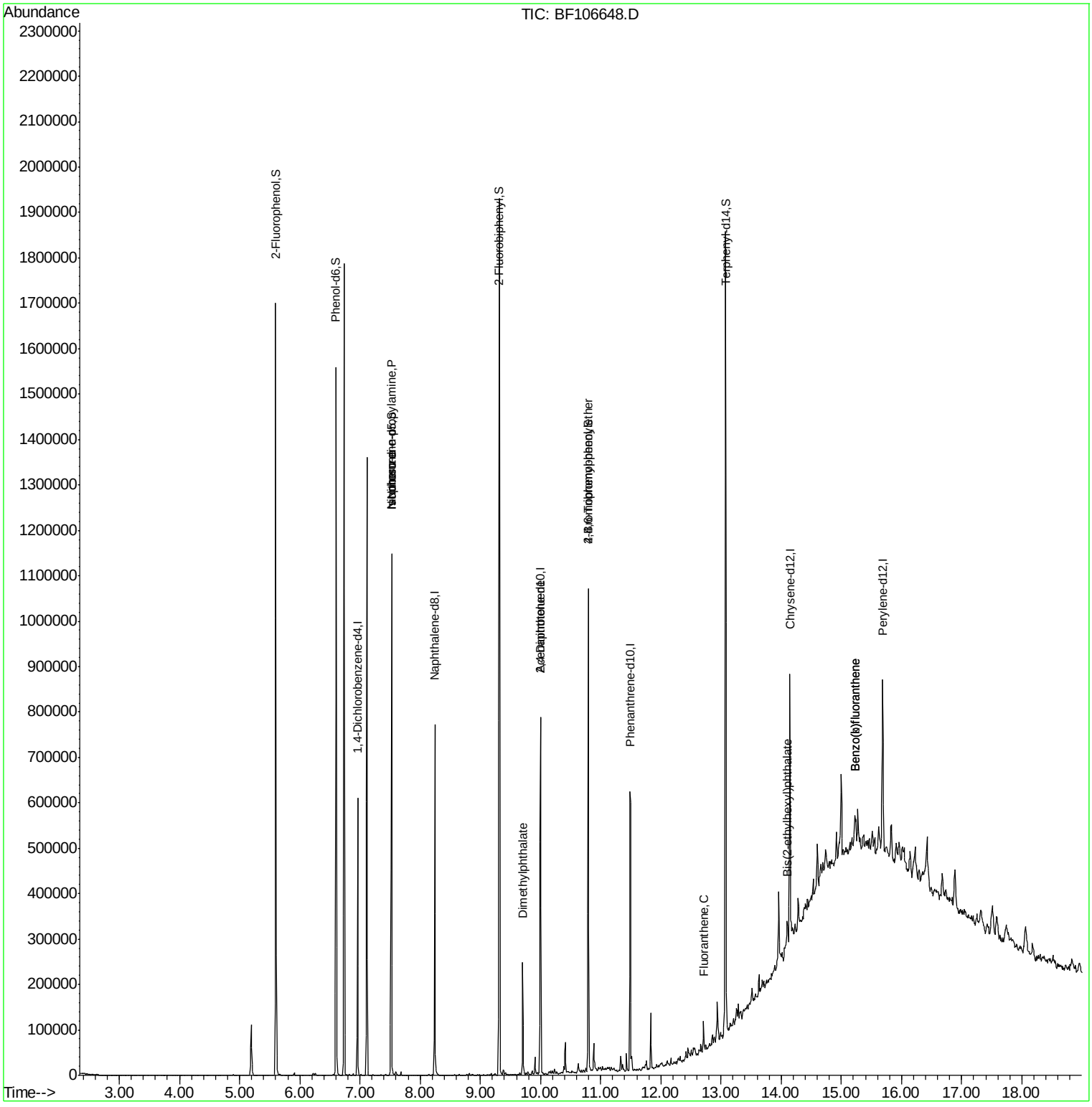
(#) = qualifier out of range (m) = manual integration (+) = signals summed

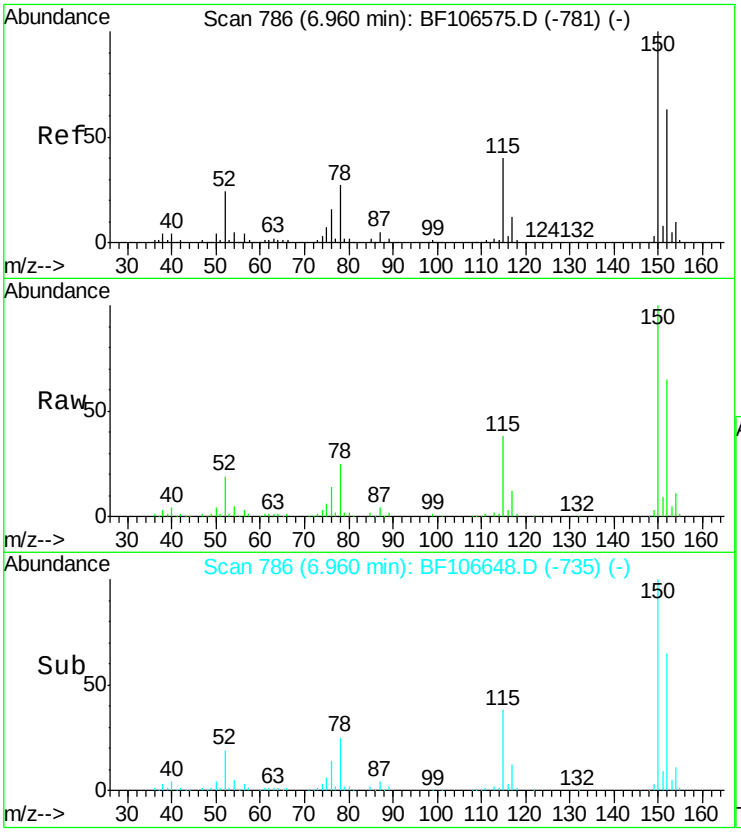
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
Data File : BF106648.D
Acq On : 21 Jun 2018 4:41
Operator : JU/SJ
Sample : J3580-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Time: Jun 21 05:21:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration



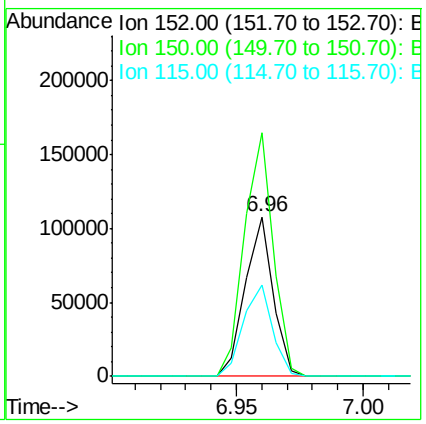


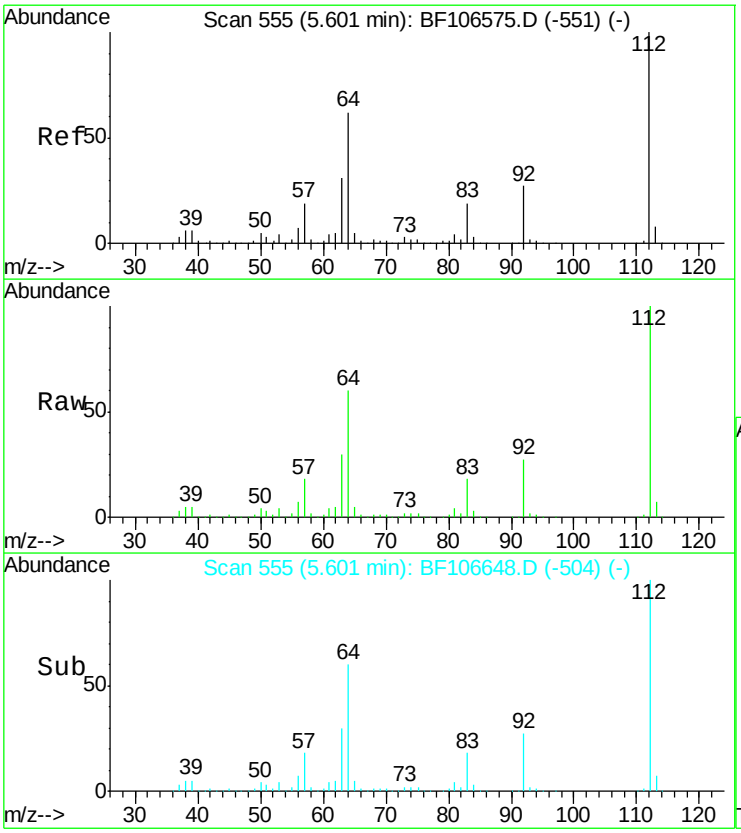
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:152 Resp: 82799

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	57.5	50.1	75.1

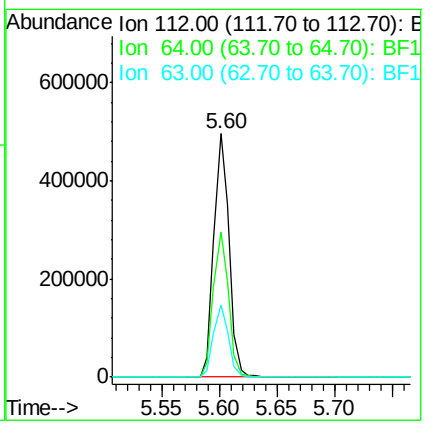


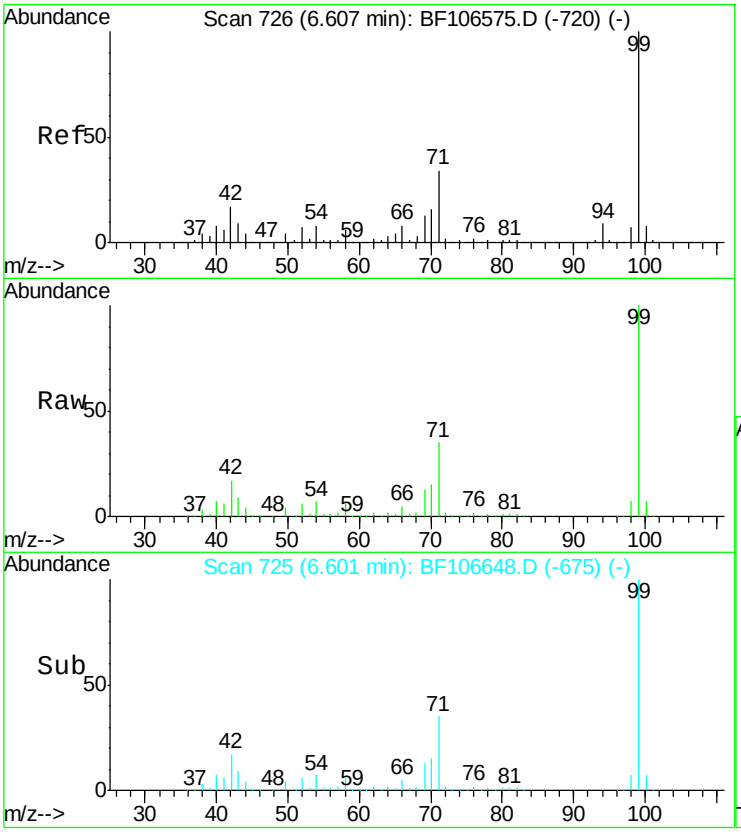


#5
2-Fluorophenol
Concen: 92.524 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Tgt Ion:112 Resp: 452419

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	29.8	23.7	35.5



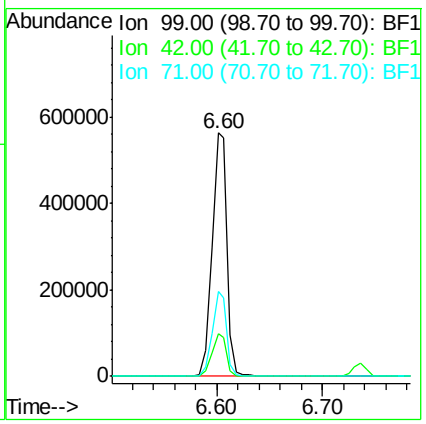


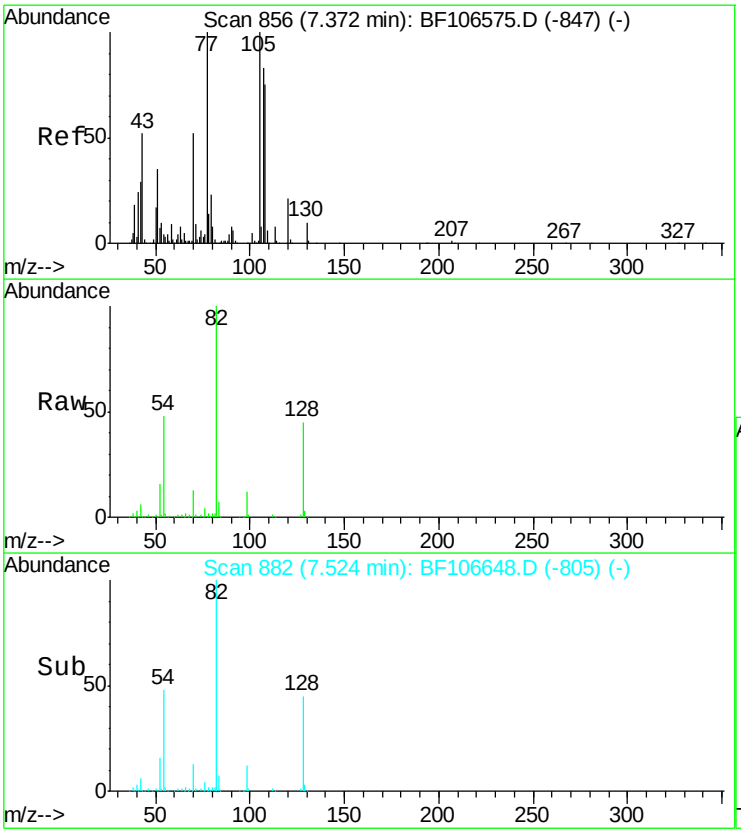
#7
Phenol-d6
Concen: 92.485 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 99 Resp: 564748

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.5	21.7
71	35.1	25.4	38.0

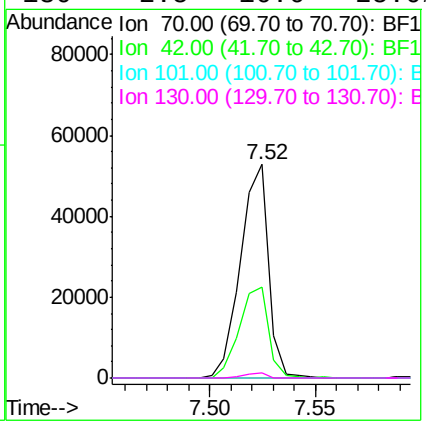


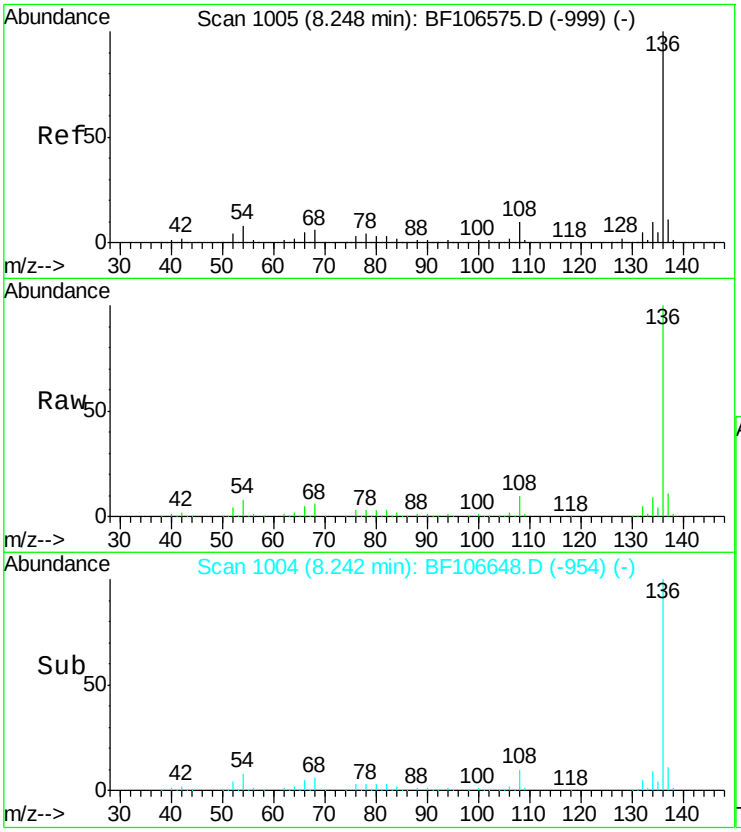


#19
n-Nitroso-di-n-propylamine
Concen: 12.050 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Tgt Ion: 70 Resp: 48502

Ion	Ratio	Lower	Upper
70	100		
42	42.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



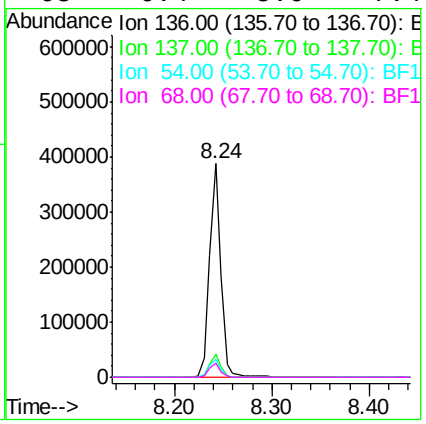


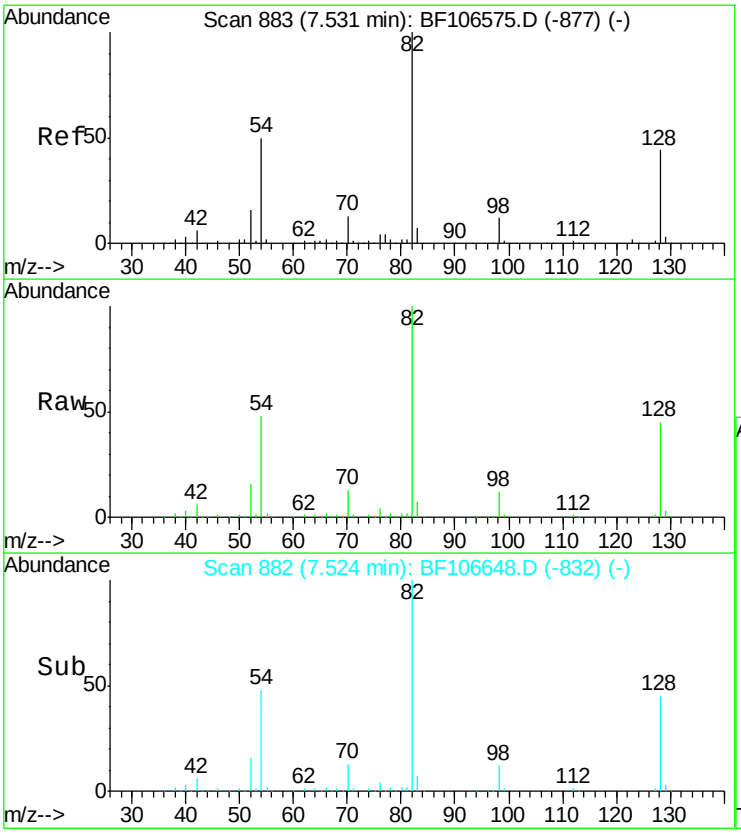
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:136 Resp: 311490

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	6.6	9.8
68	6.4	5.0	7.4

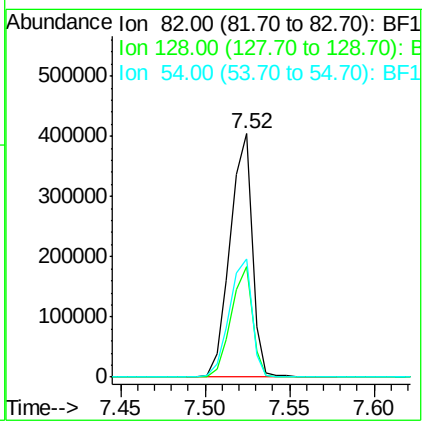


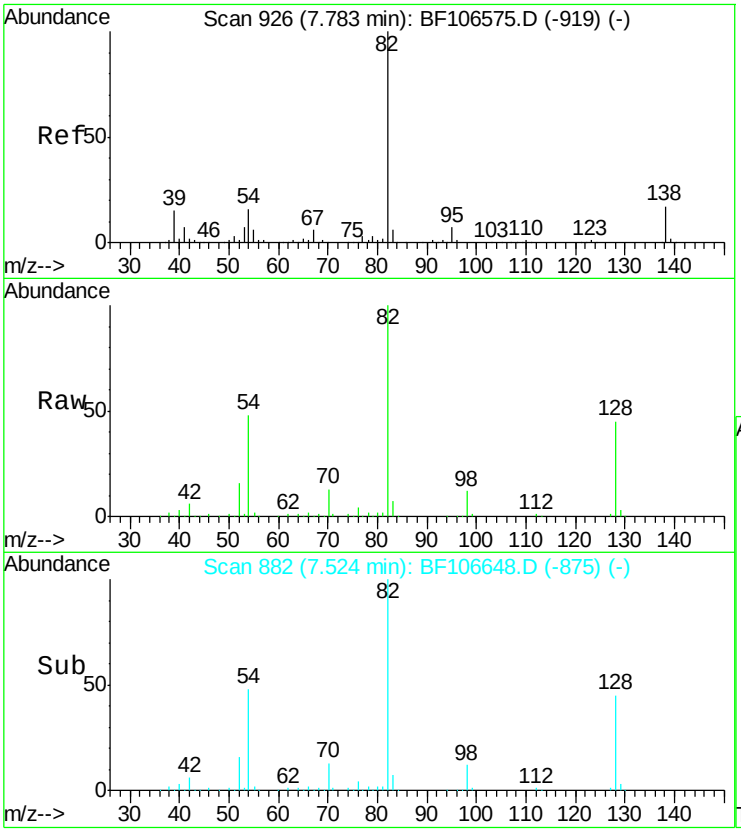


#23
Nitrobenzene-d5
Concen: 65.618 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Tgt Ion: 82 Resp: 367787

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	48.4	41.4	62.2



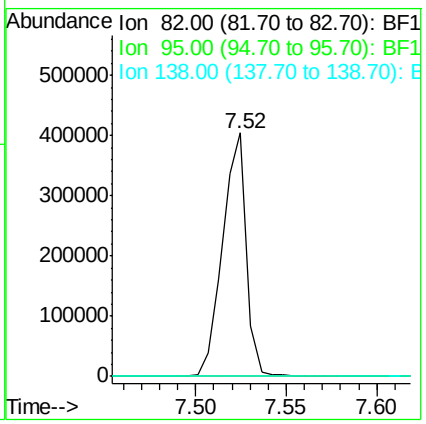


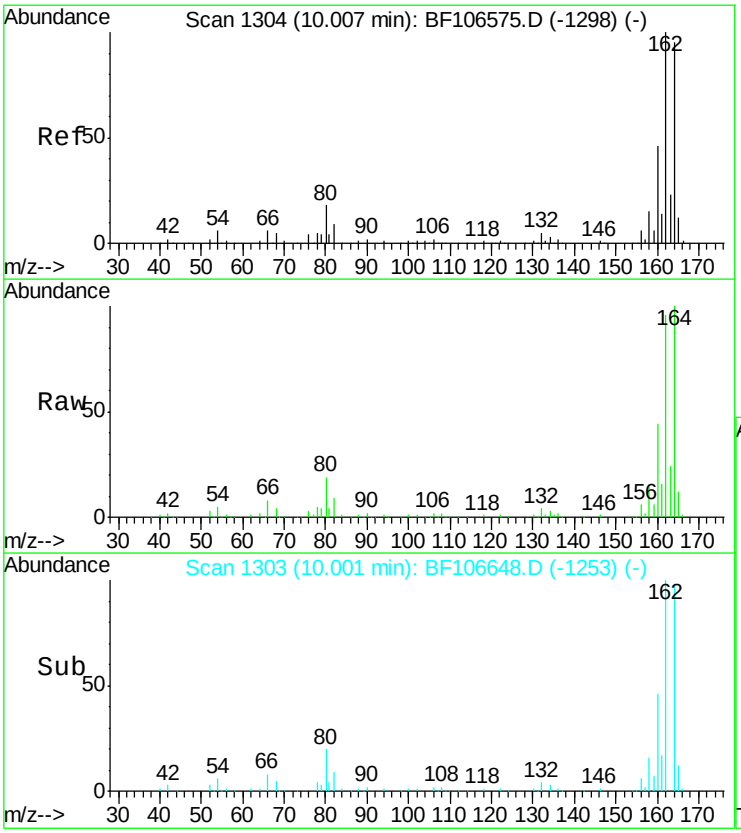
#25
Isophorone
Concen: 37.237 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 82 Resp: 367782

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

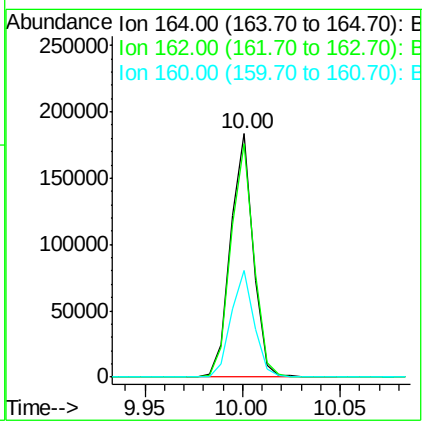


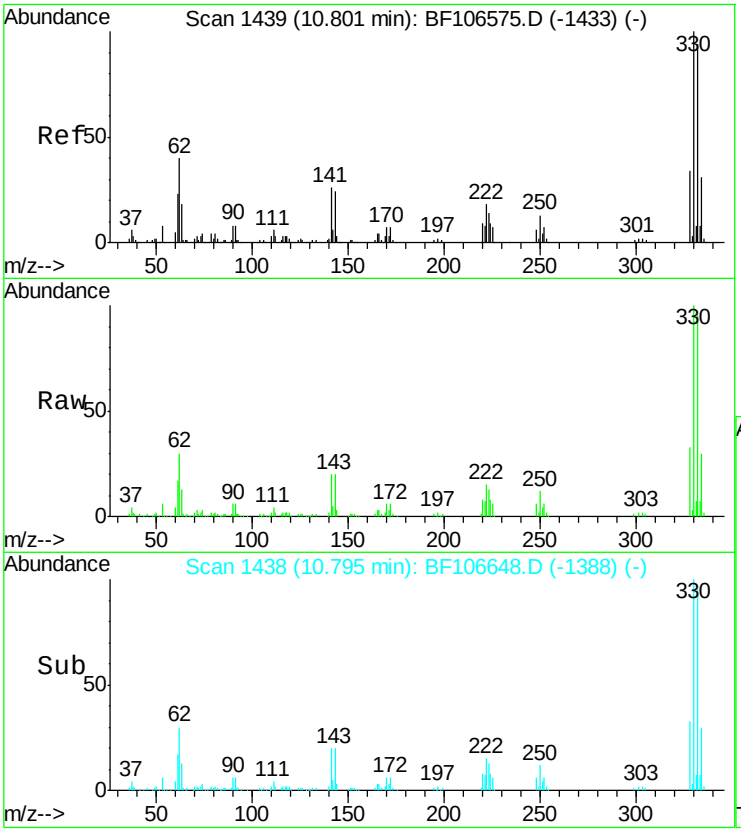


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Tgt Ion:164 Resp: 147211

Ion	Ratio	Lower	Upper
164	100		
162	96.0	86.1	129.1
160	44.1	38.3	57.5



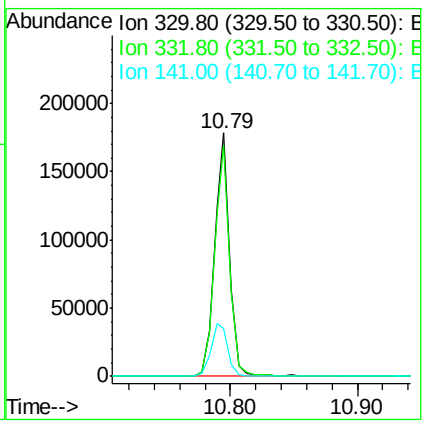


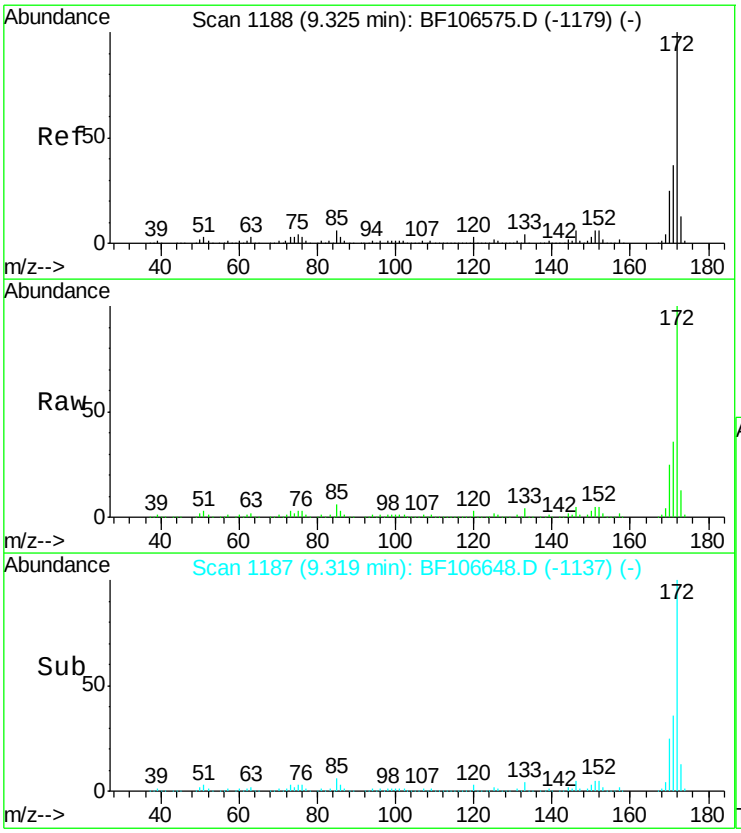
#41
2,4,6-Tribromophenol
Concen: 87.032 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:330 Resp: 148496

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	24.7	29.9	44.9#

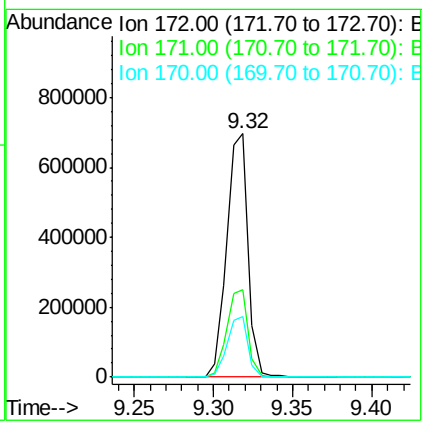


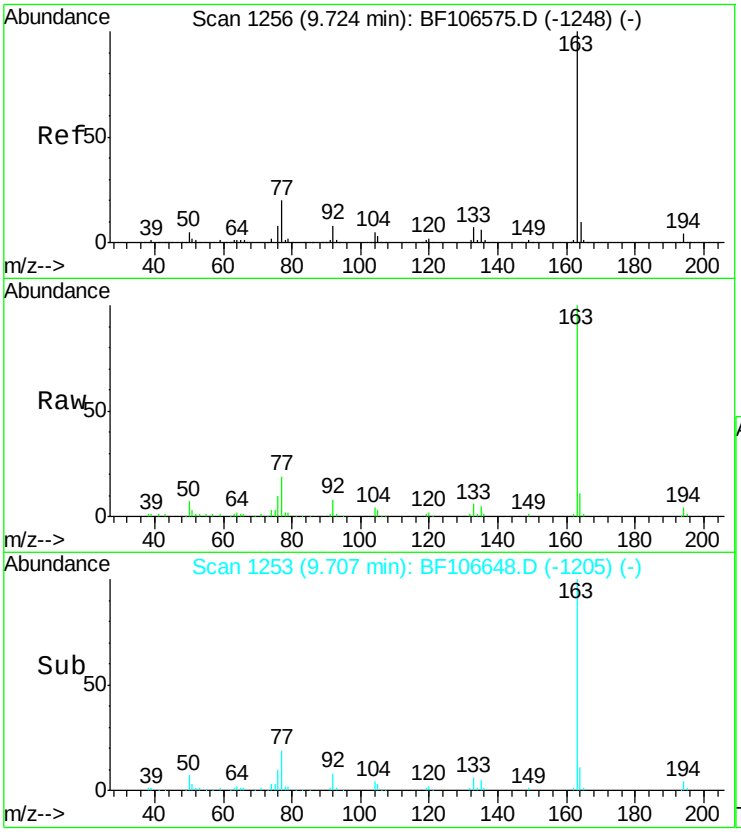


#44
2-Fluorobiphenyl
Concen: 72.234 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Tgt Ion:172 Resp: 647498

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.7	19.6	29.4



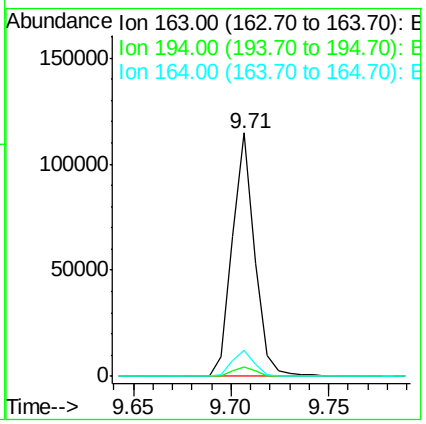


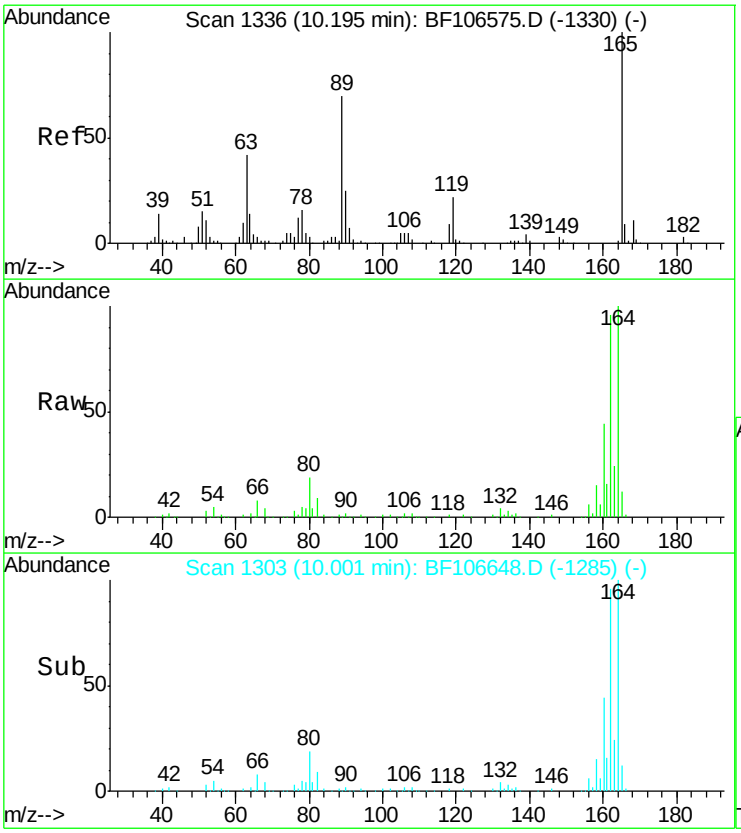
#49
Dimethylphthalate
Concen: 8.272 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:163 Resp: 91328

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.7	8.2	12.2

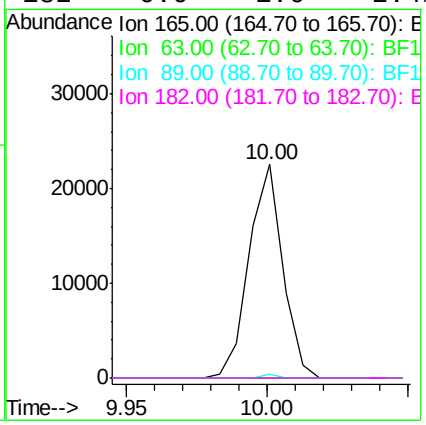


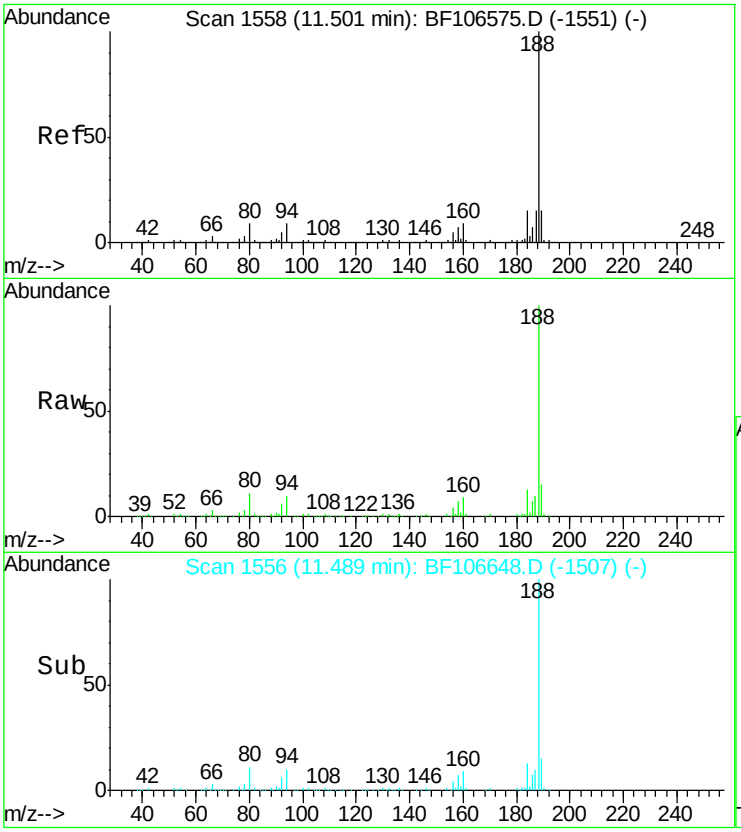


#56
2,4-Dinitrotoluene
Concen: 6.124 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Tgt Ion:165 Resp: 18688

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



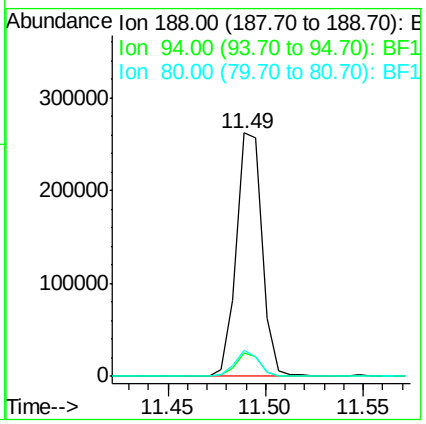


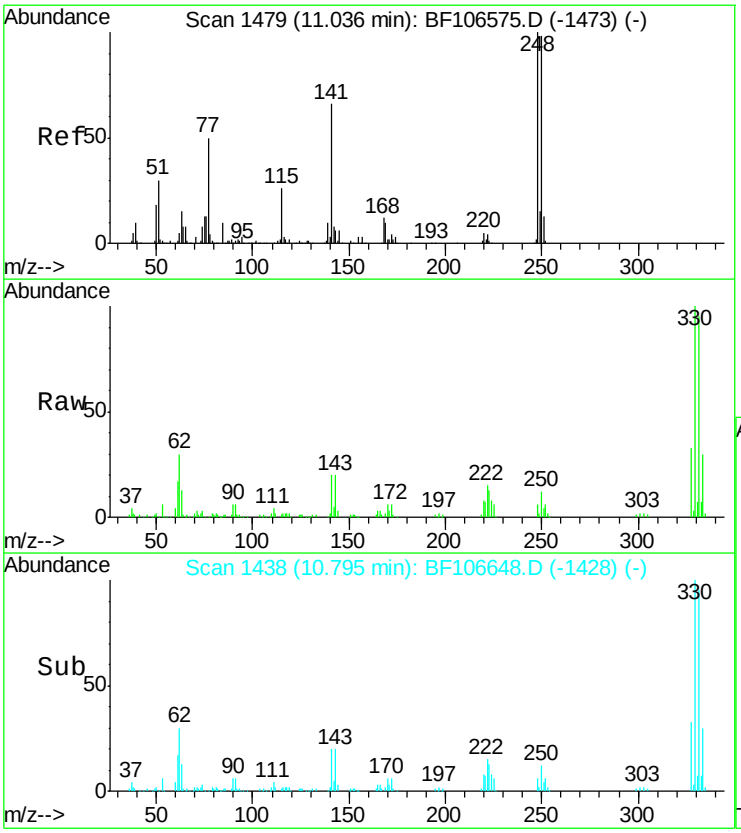
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:188 Resp: 241449

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.9	9.2	13.8

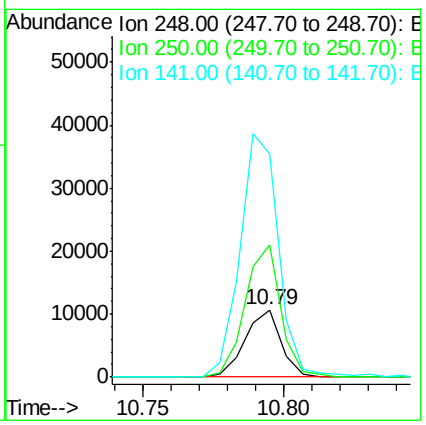


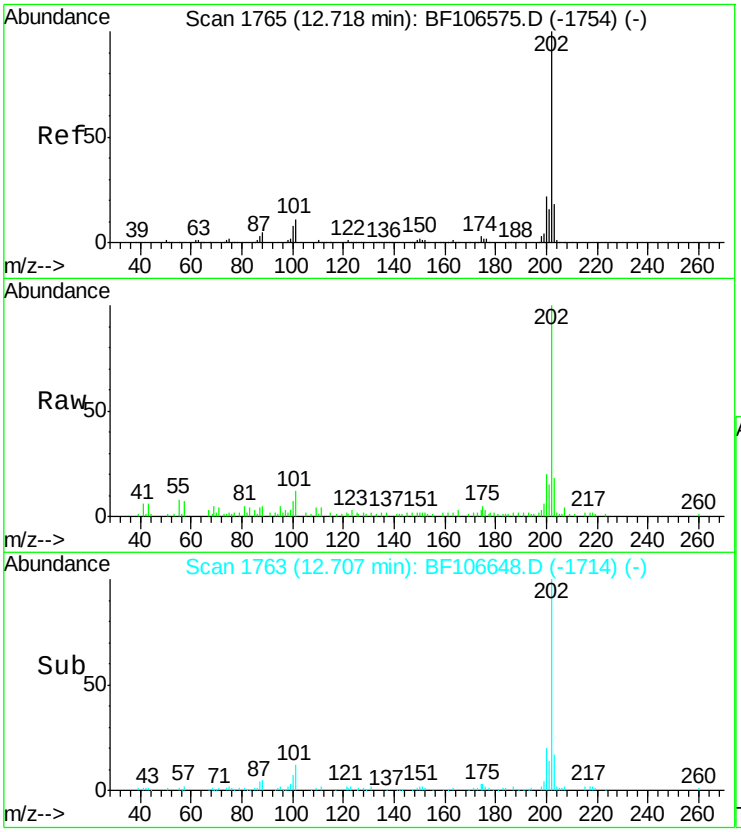


#66
4-Bromophenyl-phenylether
Concen: 3.256 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Tgt Ion:248 Resp: 9381

Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.9	115.3#
141	331.3	74.4	111.6#



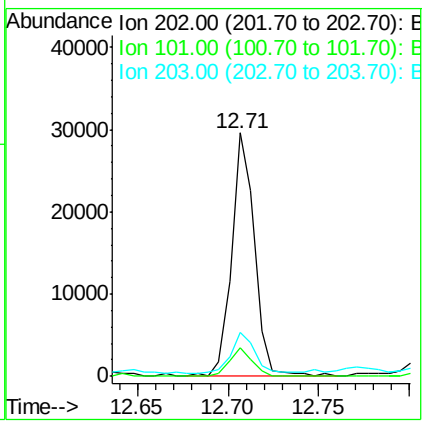


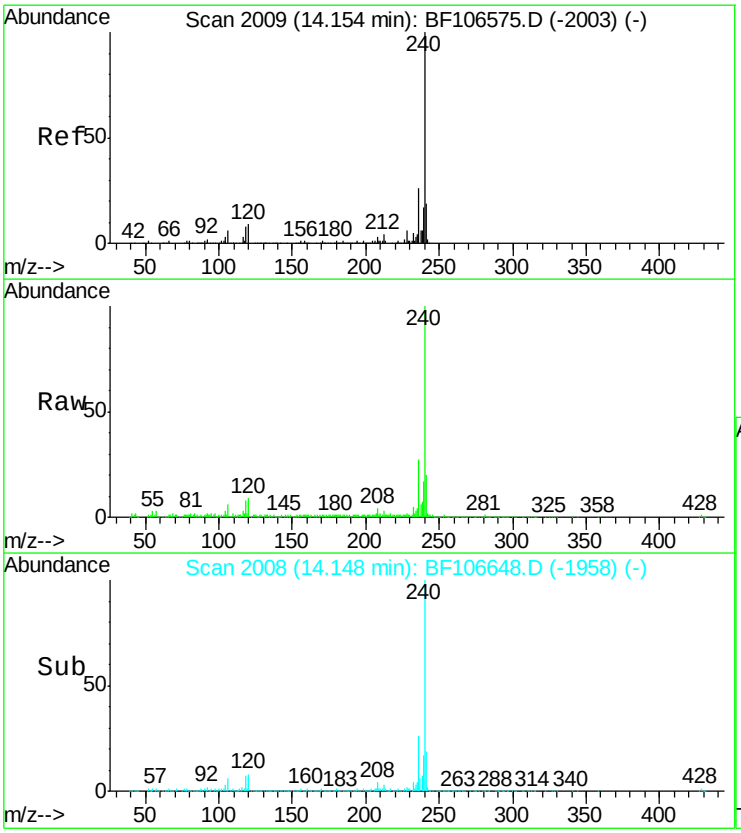
#74
Fluoranthene
Concen: 2.029 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:202 Resp: 26039

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	18.2	0.0	38.1

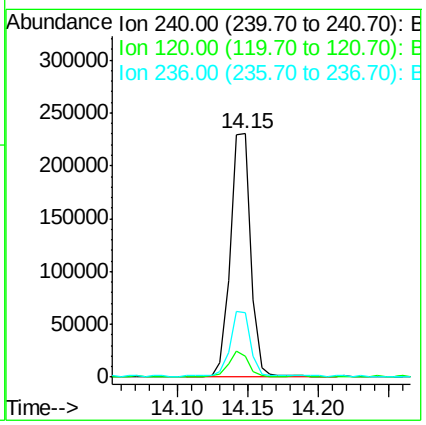


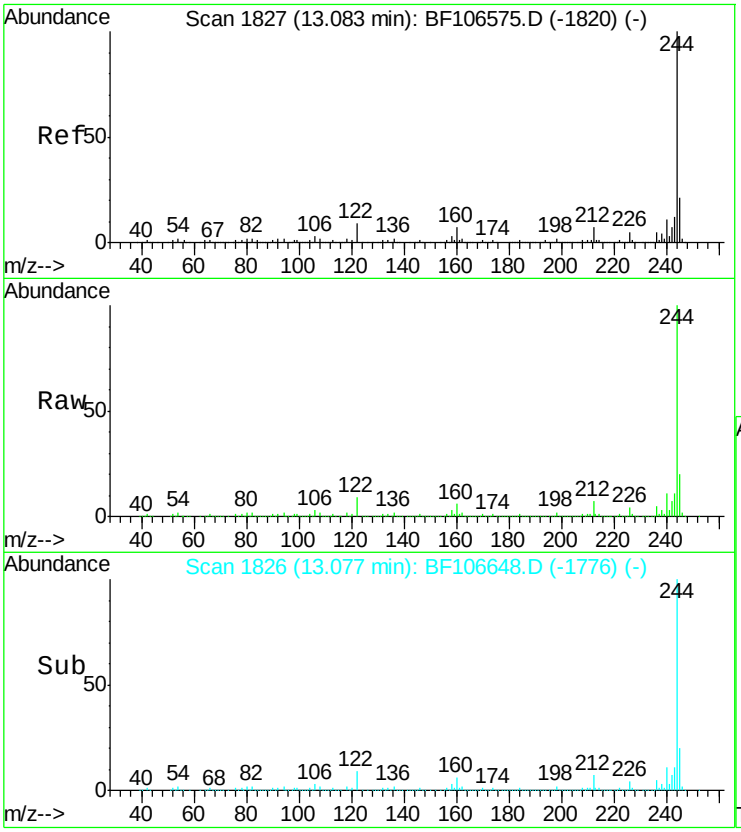


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Tgt Ion:240 Resp: 230254

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	26.7	20.7	31.1



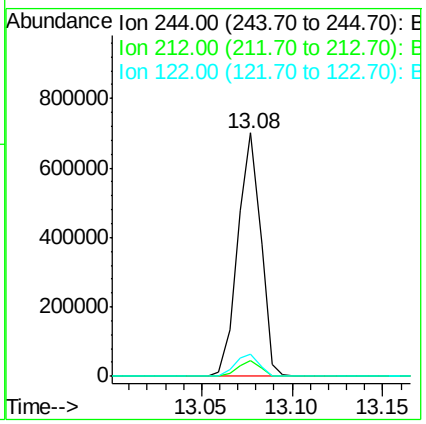


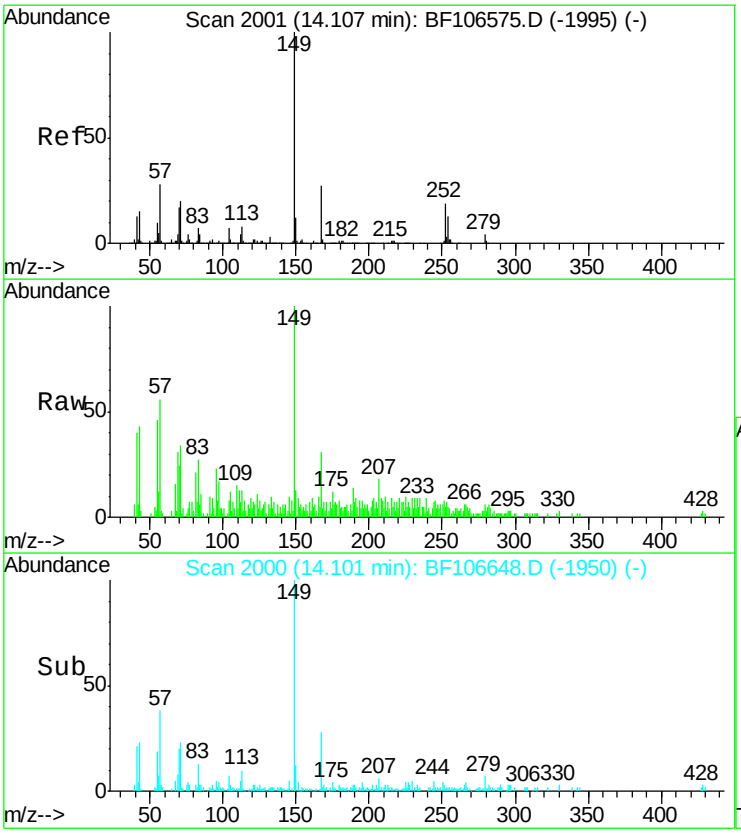
#78
Terphenyl-d14
Concen: 64.773 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:244 Resp: 615703

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.0	11.0	16.4#

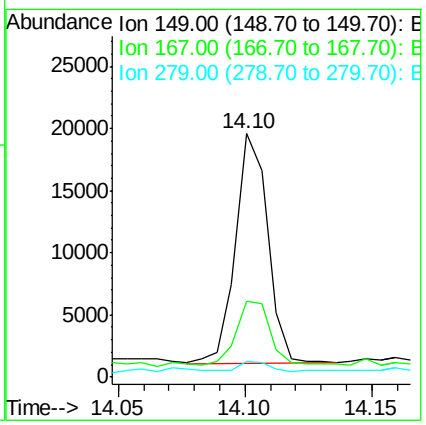


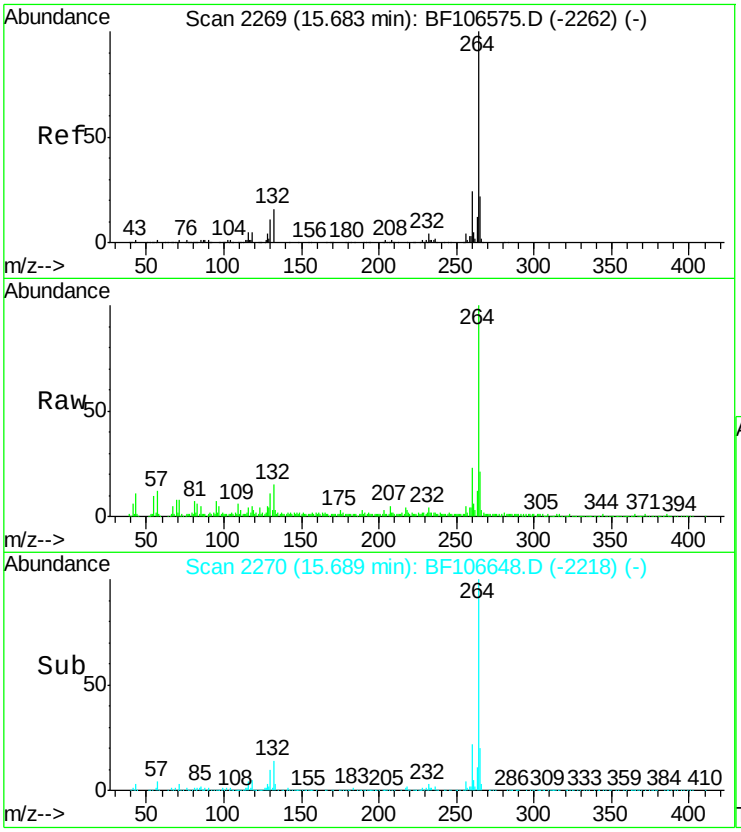


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.045 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Tgt Ion:149 Resp: 16321

Ion	Ratio	Lower	Upper
149	100		
167	31.2	21.3	31.9
279	6.5	3.0	4.4#



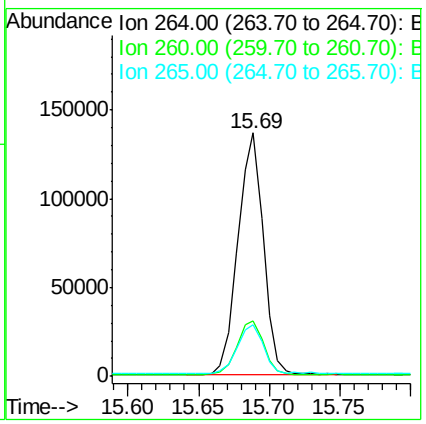


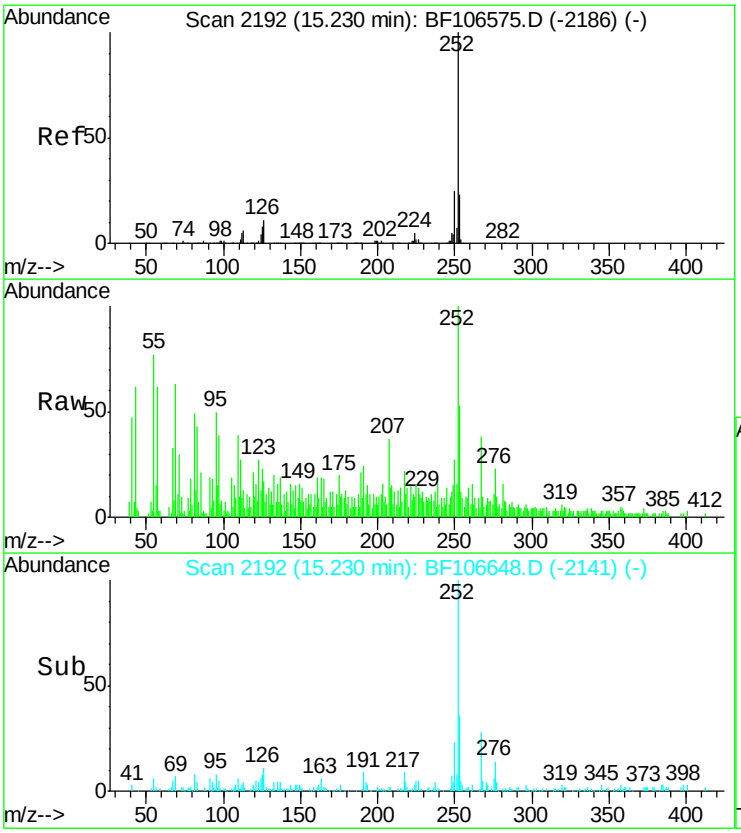
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:264 Resp: 171784

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.3	17.5	26.3

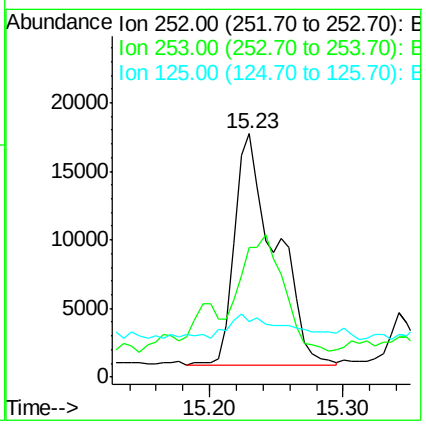


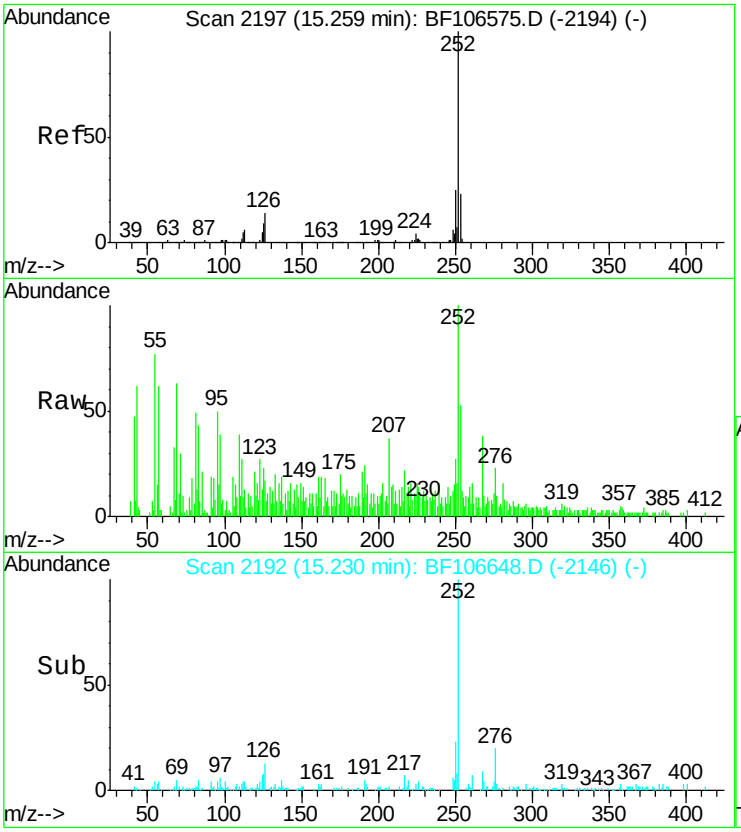


#87
Benzo(b)fluoranthene
Concen: 3.376 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Tgt Ion:252 Resp: 36021

Ion	Ratio	Lower	Upper
252	100		
253	53.3	17.0	25.6#
125	22.5	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.545 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF106648.D
Acq: 21 Jun 2018 4:41

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:252 Resp: 36021

Ion	Ratio	Lower	Upper
252	100		
253	53.3	17.9	26.9#
125	22.5	10.2	15.2#