Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101536.D
Acq On : 19 Dec 2017 21:30
Operator : SJ/JU
Sample : I6975-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12000

Quant Time: Dec 20 07:00:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131282	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	461966	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	168522	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	269546	20.00	ng		0.00
75) Chrysene-d12	13.99	240	309229	20.00	ng		0.00
86) Perylene-d12	15.46	264	351720	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	895373	101.59	ng		0.01
7) Phenol-d6	6.45	99	977967	89.16	ng		0.00
23) Nitrobenzene-d5	7.37	82	633773	76.37	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	159543	98.25	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	925564	85.20	ng		0.00
78) Terphenyl-d14	12.92	244	769391	59.98	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	17727	2.188	ng		81
10) Phenol	6.46	94	45369	3.629	ng		83
19) n-Nitroso-di-n-propylamine	7.37	70	82841	11.500	ng	#	83
25) Isophorone	7.37	82	633770	38.068	ng	#	64
49) Dimethylphthalate	9.56	163	51687	3.813	ng		99
50) 2,6-Dinitrotoluene	9.85	165	21069	7.648	ng	#	26
56) 2,4-Dinitrotoluene	9.85	165	21069	6.788	ng	#	24
66) 4-Bromophenyl-phenylether	10.64	248	9699	3.202	ng	#	1
77) Pyrene	12.79	202	51792	2.232	ng		98
87) Benzo(b)fluoranthene	15.03	252	60783	2.835	ng	#	94
88) Benzo(k)fluoranthene	15.03	252	60783	2.916	ng		97

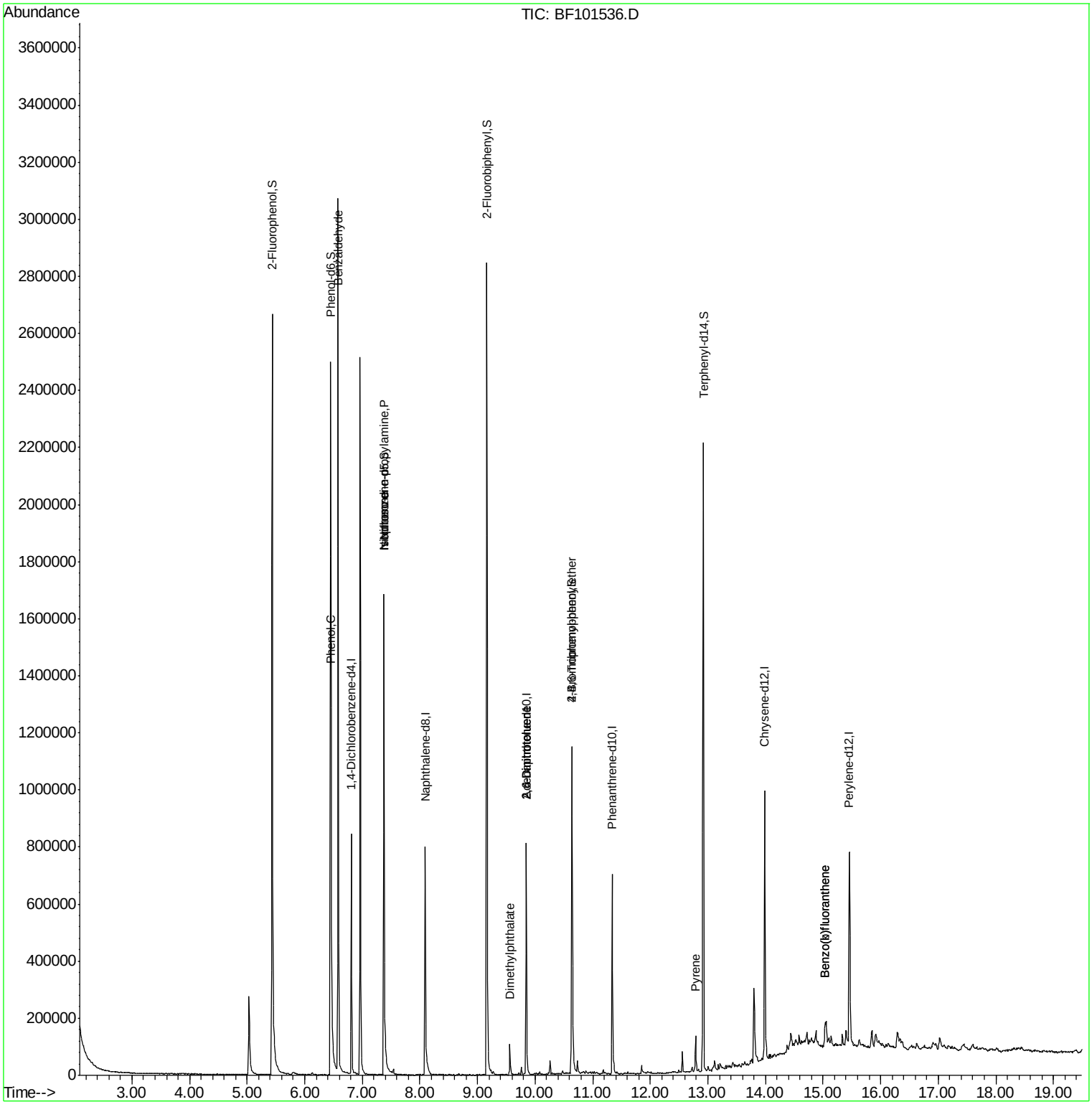
(#) = qualifier out of range (m) = manual integration (+) = signals summed

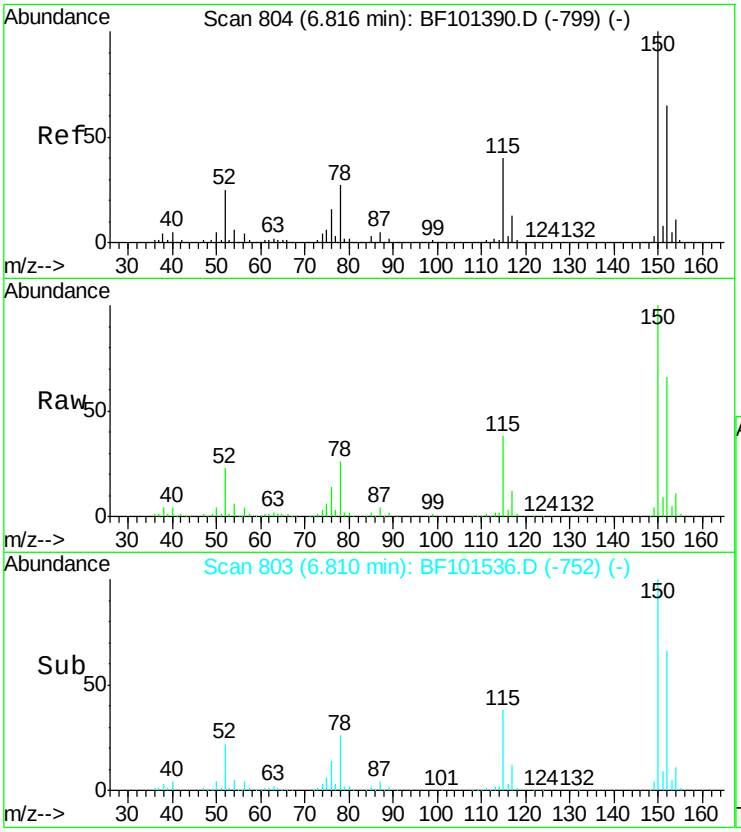
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101536.D
Acq On : 19 Dec 2017 21:30
Operator : SJ/JU
Sample : I6975-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12000

Quant Time: Dec 20 07:00:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration



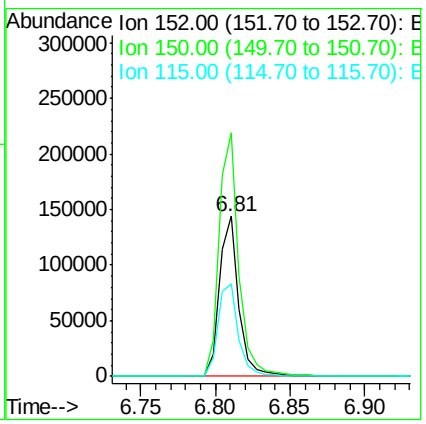


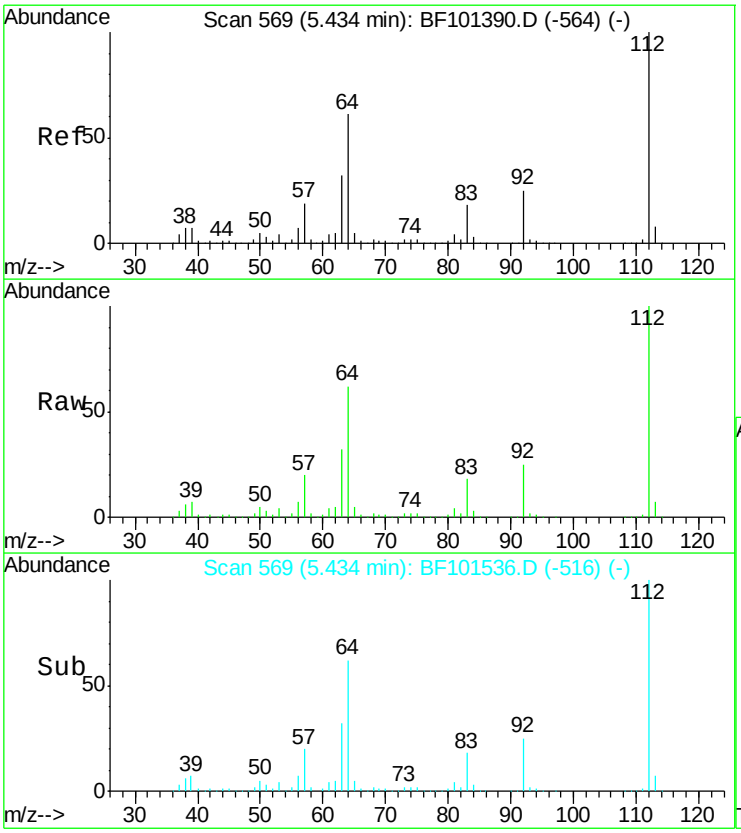
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion:152 Resp: 131282

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	58.2	50.1	75.1

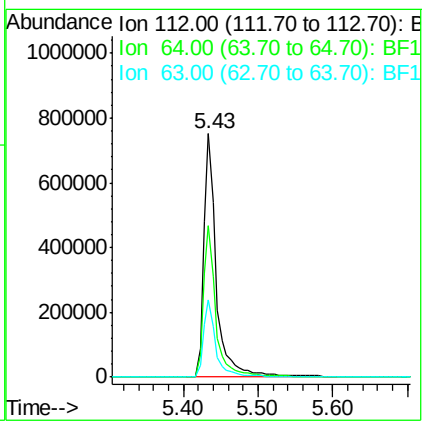


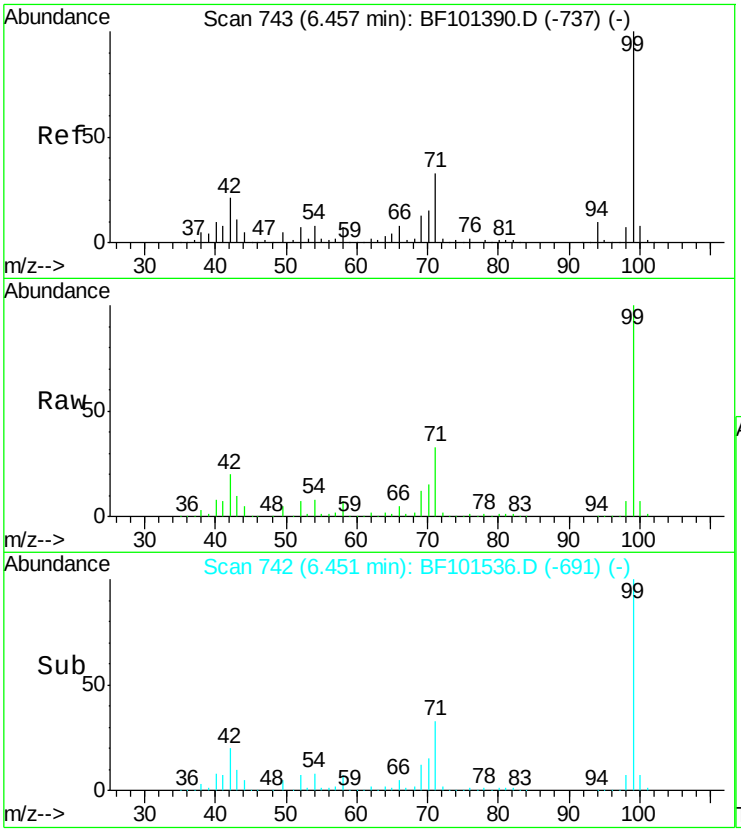


#5
2-Fluorophenol
Concen: 101.593 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion:112 Resp: 895373

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	31.9	23.7	35.5



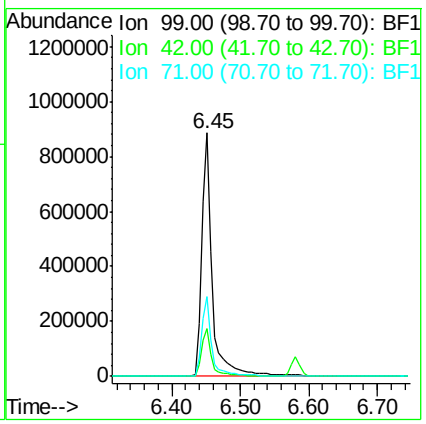


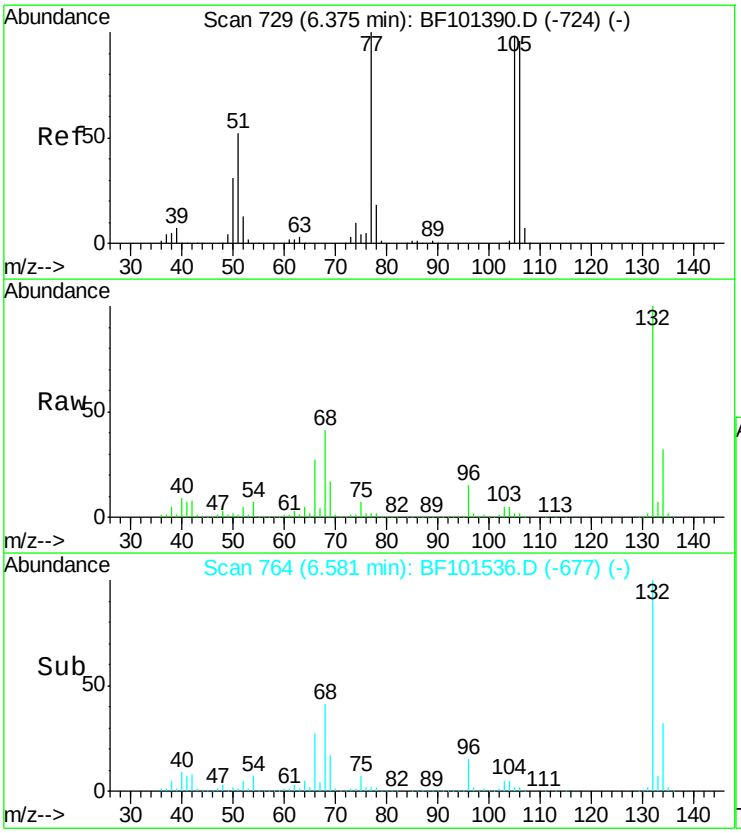
#7
Phenol-d6
Concen: 89.161 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion: 99 Resp: 977967

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.6	25.4	38.0

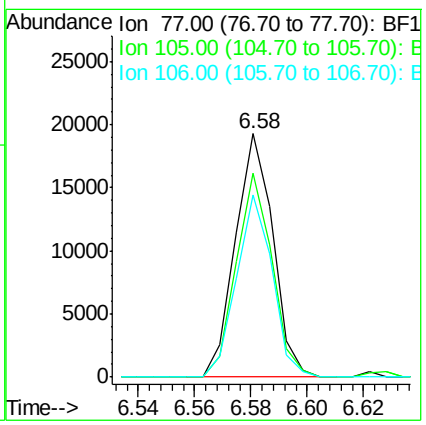


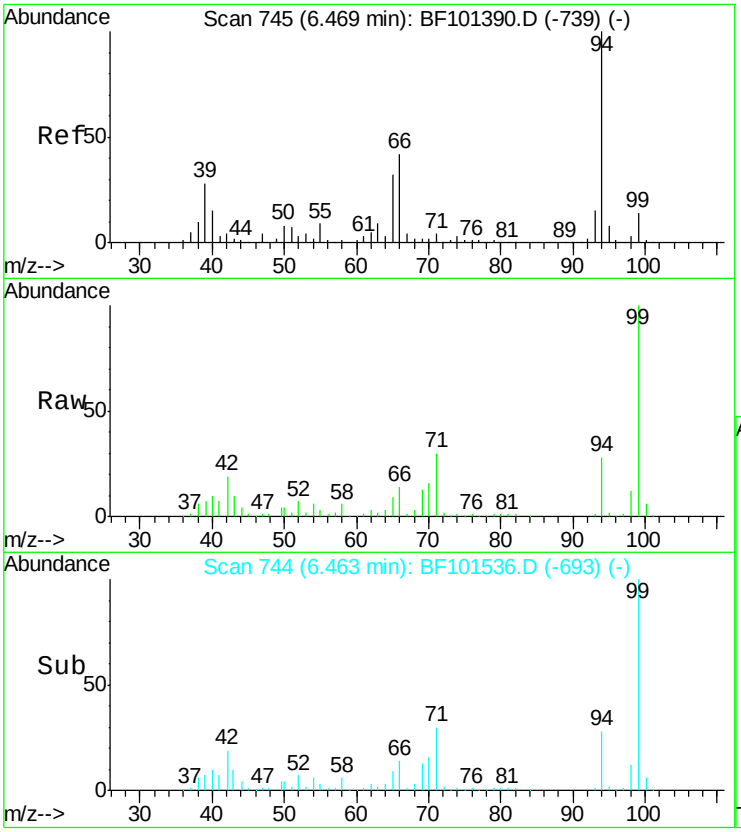


#9
Benzaldehyde
Concen: 2.188 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.21 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion: 77 Resp: 17727

Ion	Ratio	Lower	Upper
77	100		
105	83.7	81.1	121.1
106	74.8	74.5	114.5



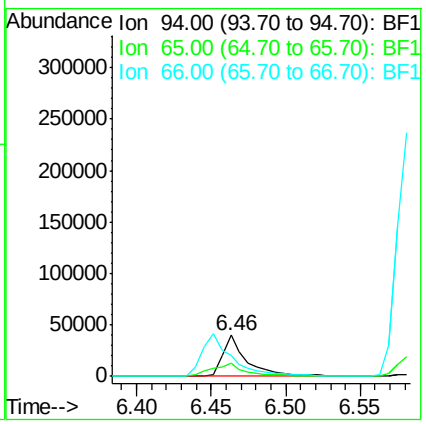


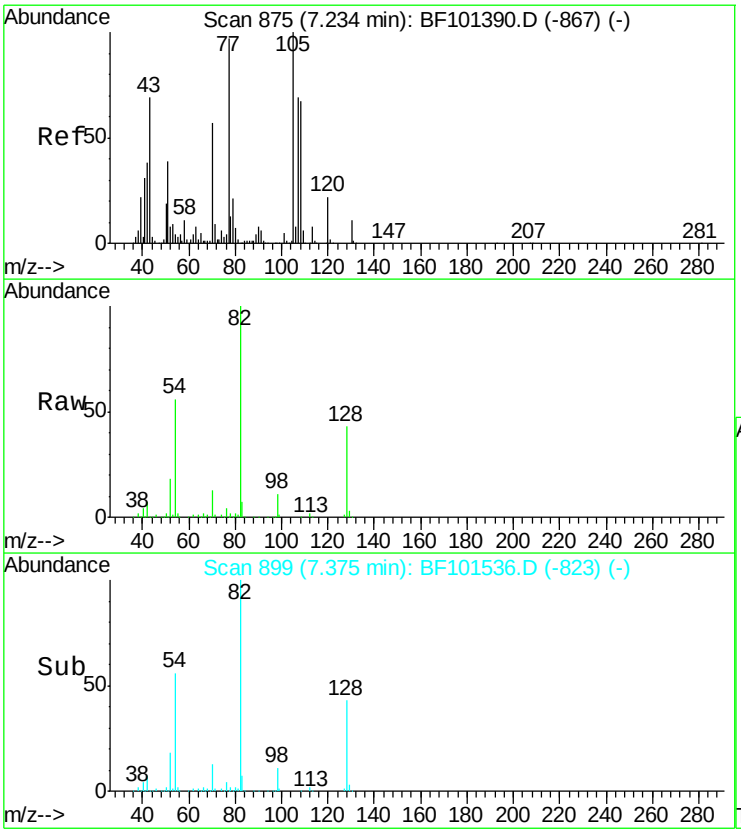
#10
Phenol
Concen: 3.629 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion: 94 Resp: 45369

Ion	Ratio	Lower	Upper
94	100		
65	32.1	7.9	47.9
66	50.4	16.2	56.2

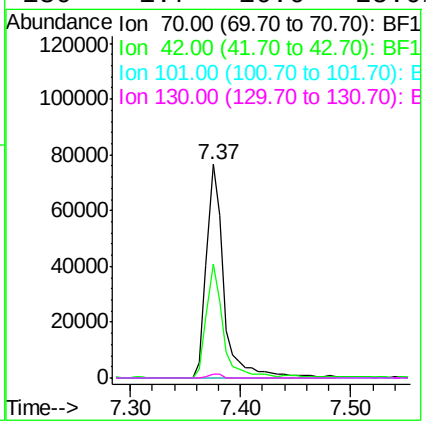


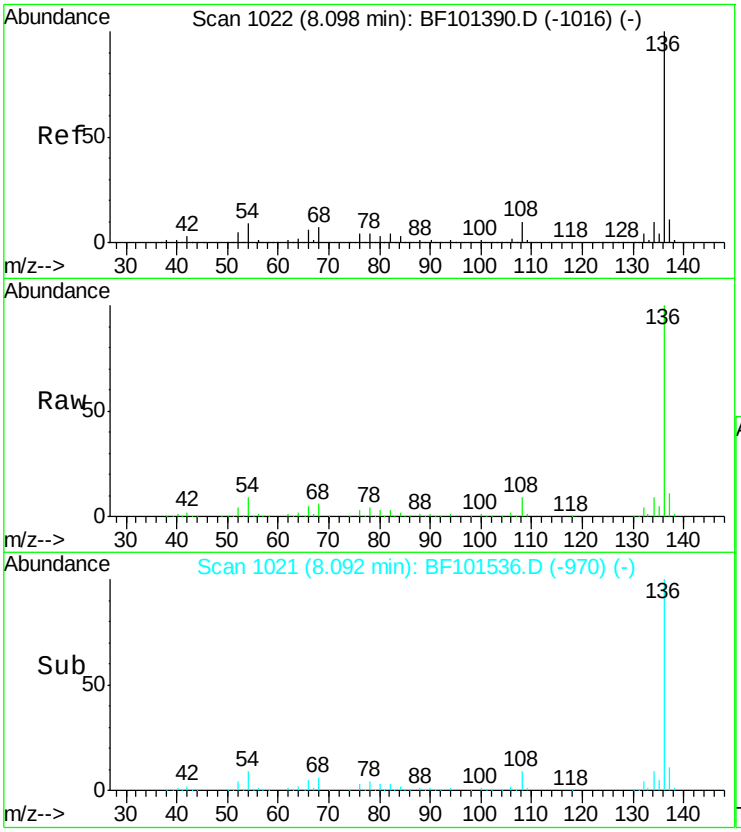


#19
n-Nitroso-di-n-propylamine
Concen: 11.500 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion: 70 Resp: 82841

Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#



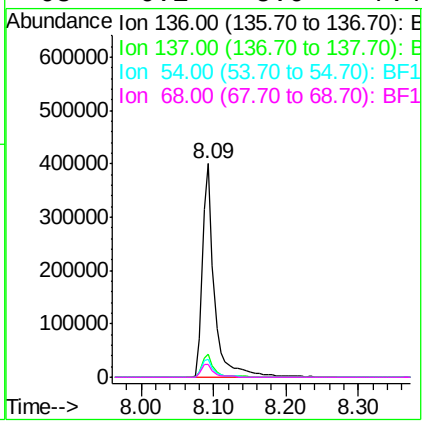


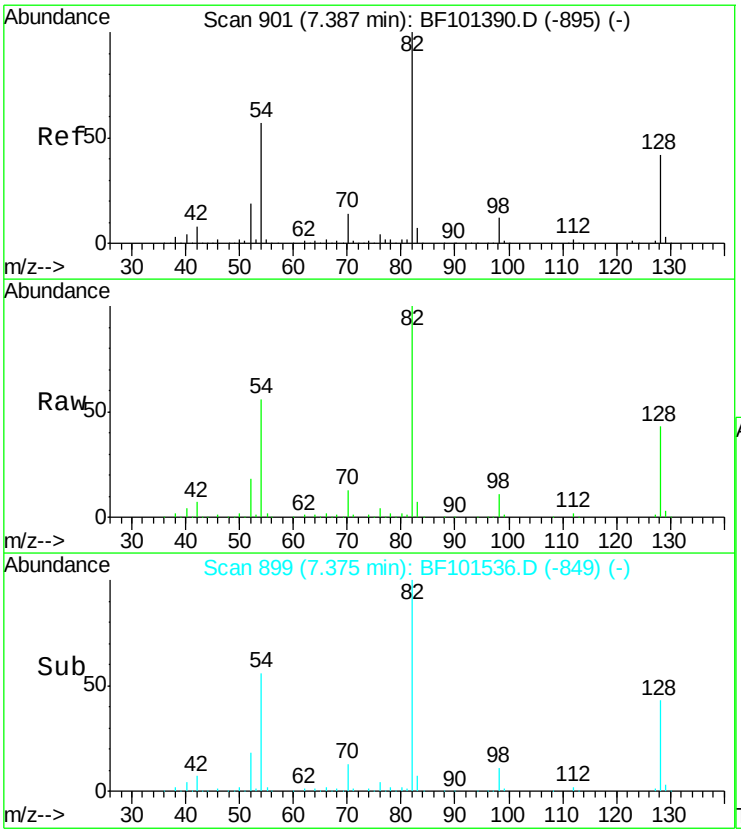
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion:136 Resp: 461966

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.6	6.6	9.8
68	6.1	5.0	7.4

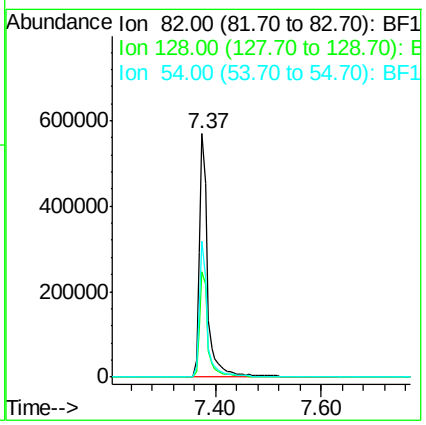


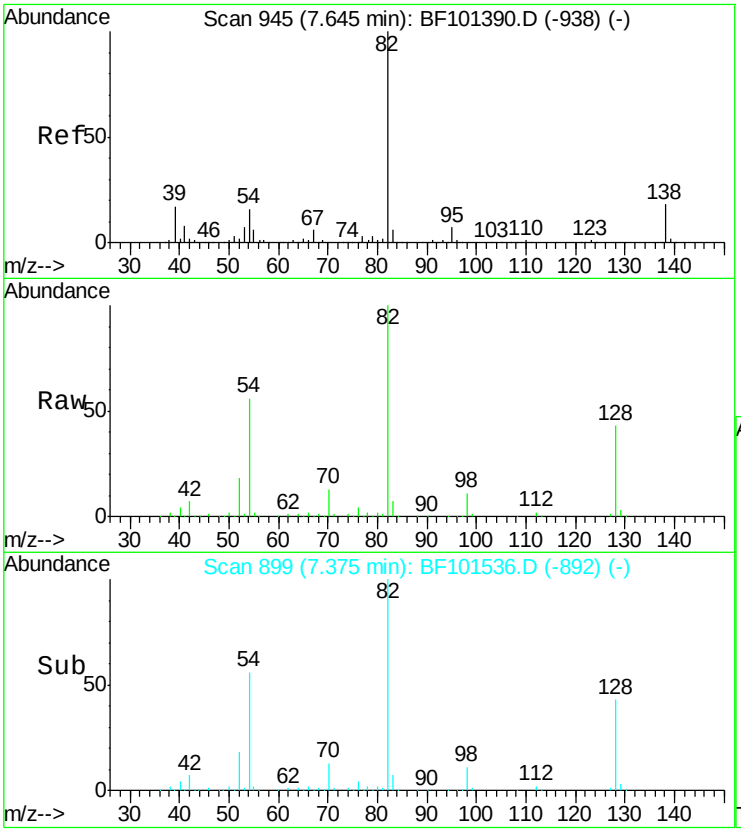


#23
Nitrobenzene-d5
Concen: 76.368 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion: 82 Resp: 633773

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	56.1	41.4	62.2



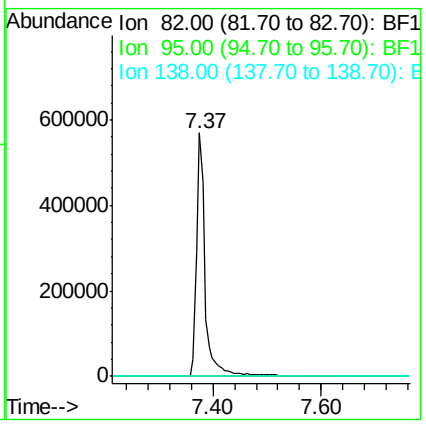


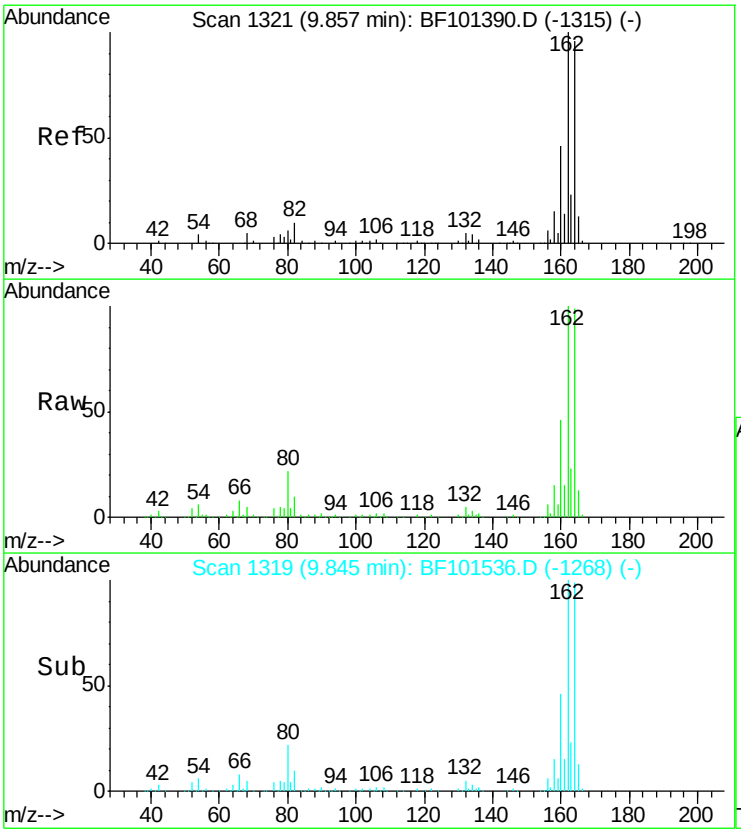
#25
Isophorone
Concen: 38.068 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion: 82 Resp: 633770

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

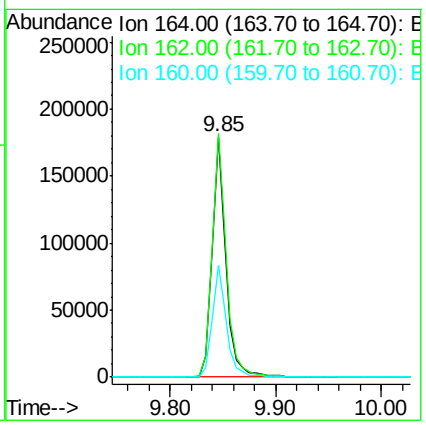


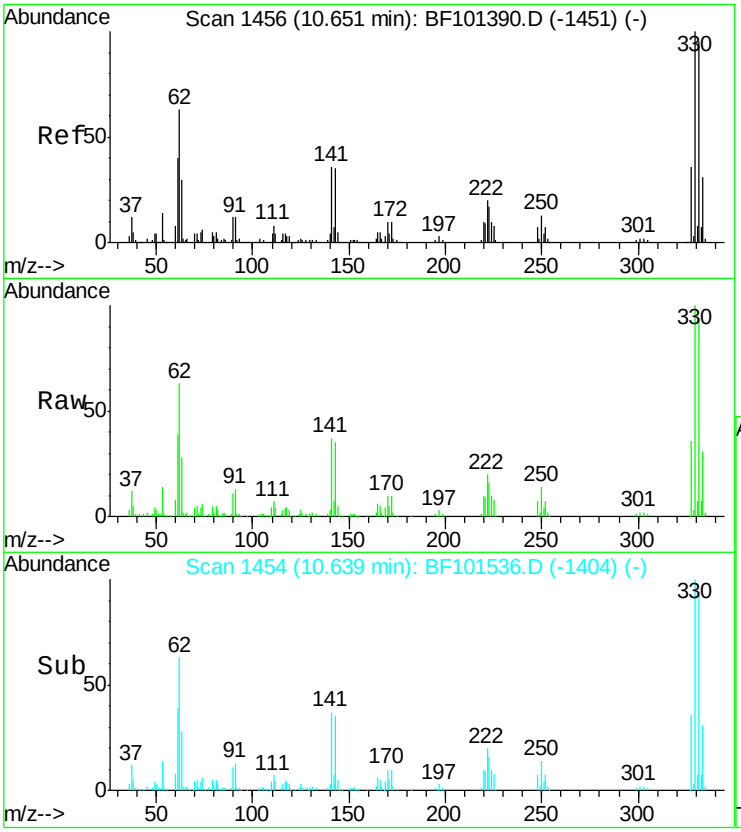


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion:164 Resp: 168522

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	46.3	38.3	57.5



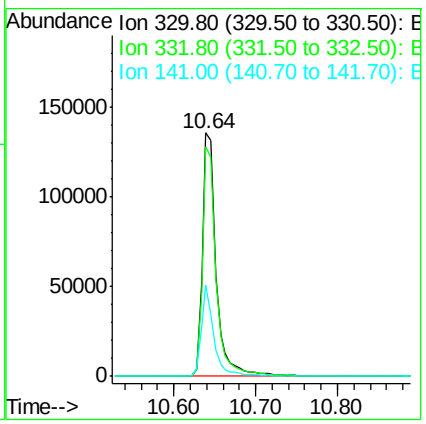


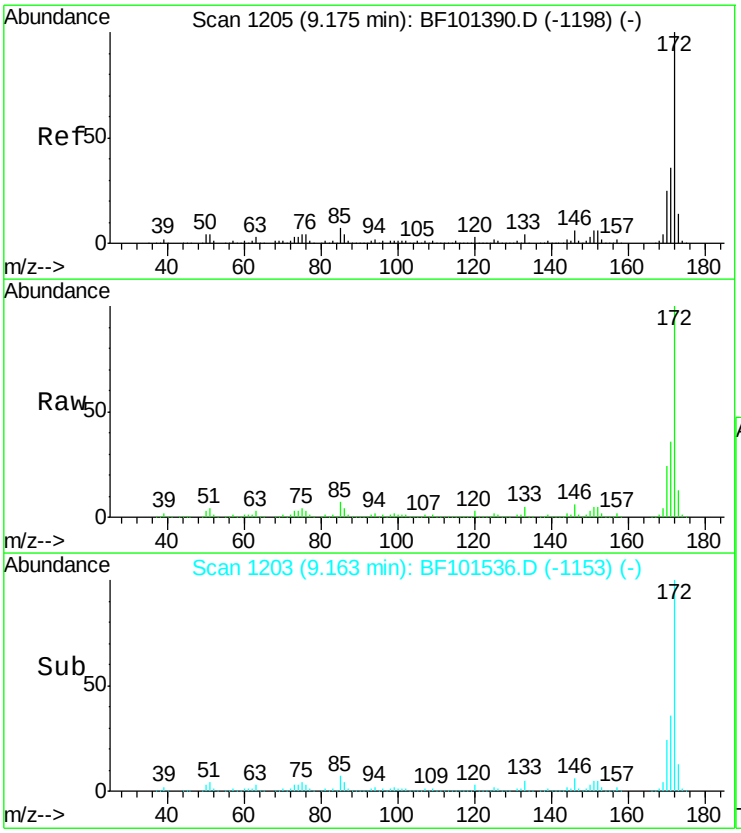
#41
2,4,6-Tribromophenol
Concen: 98.250 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion:330 Resp: 159543

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	34.1	29.9	44.9

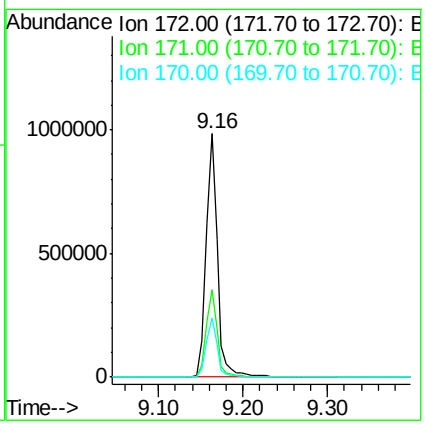


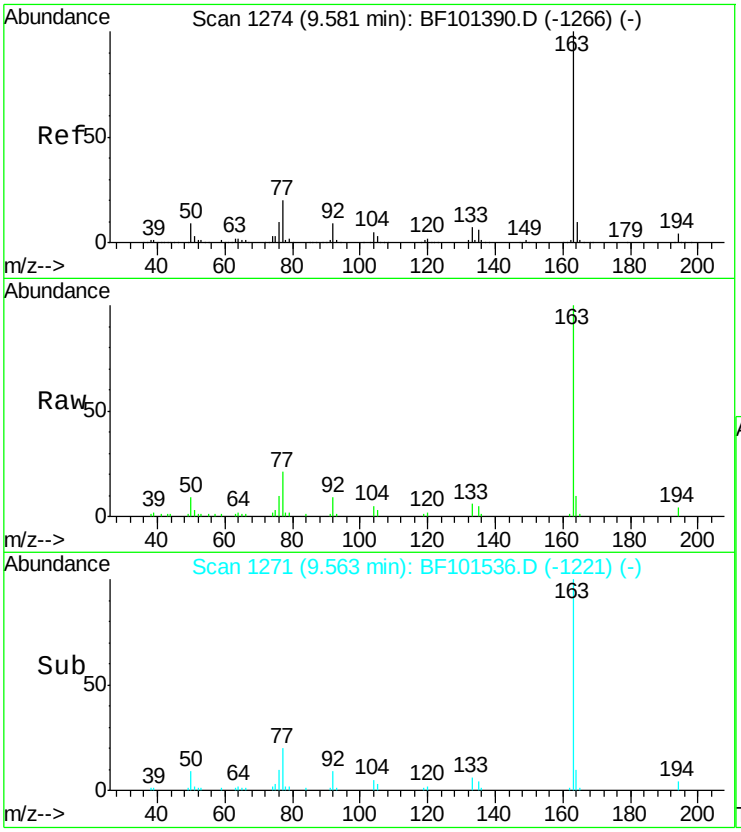


#44
2-Fluorobiphenyl
Concen: 85.198 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion:172 Resp: 925564

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4



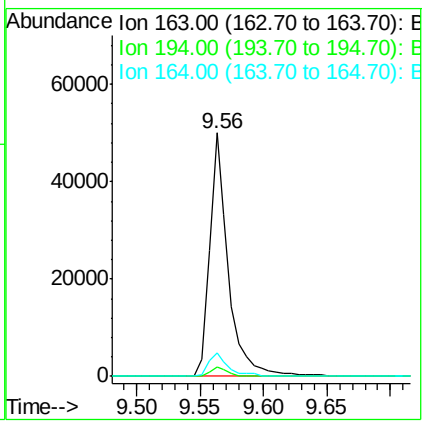


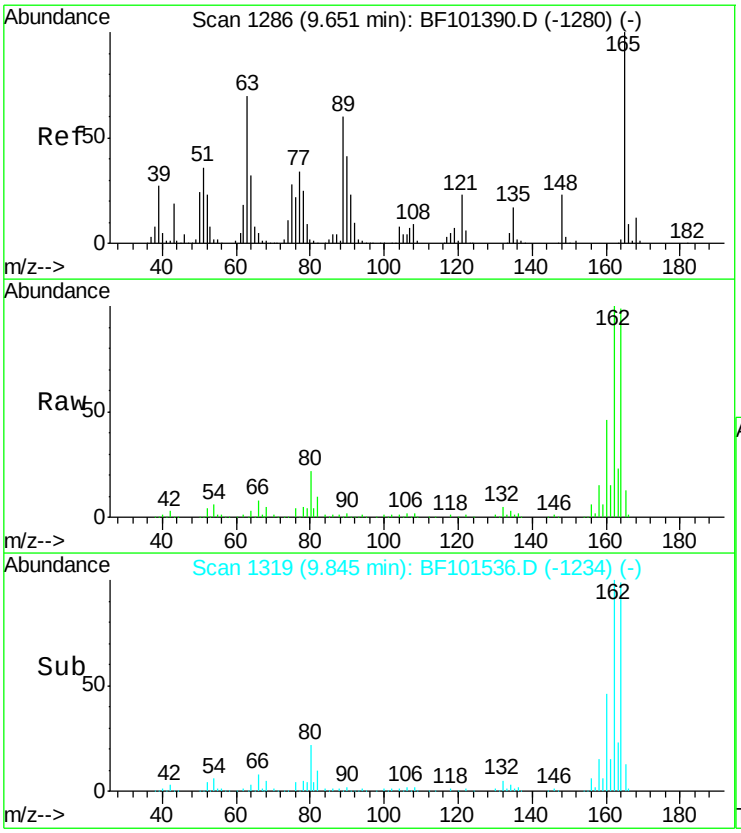
#49
Dimethylphthalate
Concen: 3.813 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion:163 Resp: 51687

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.7	8.2	12.2

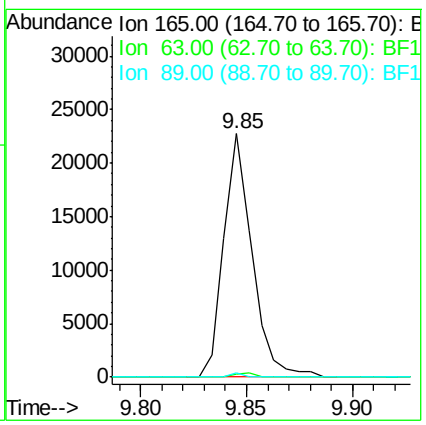


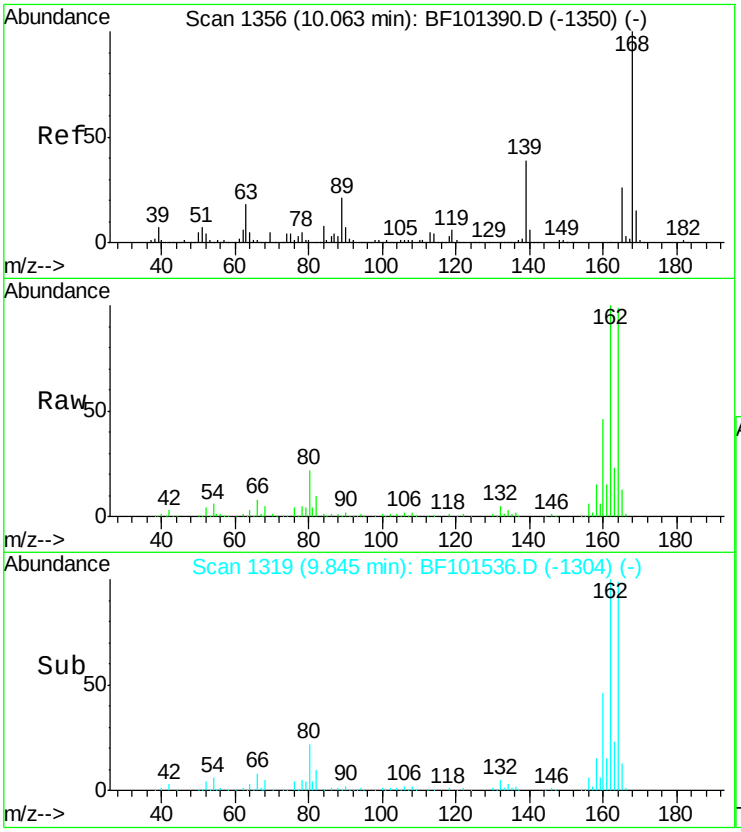


#50
2,6-Dinitrotoluene
Concen: 7.648 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion:165 Resp: 21069

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.8	44.0	66.0#



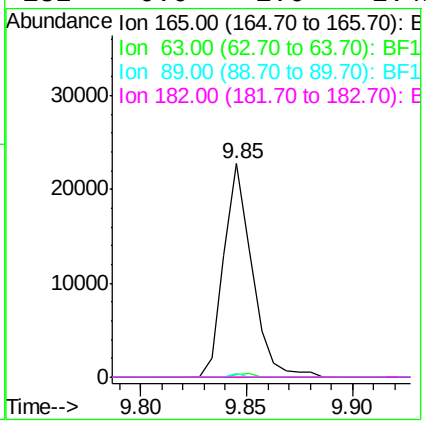


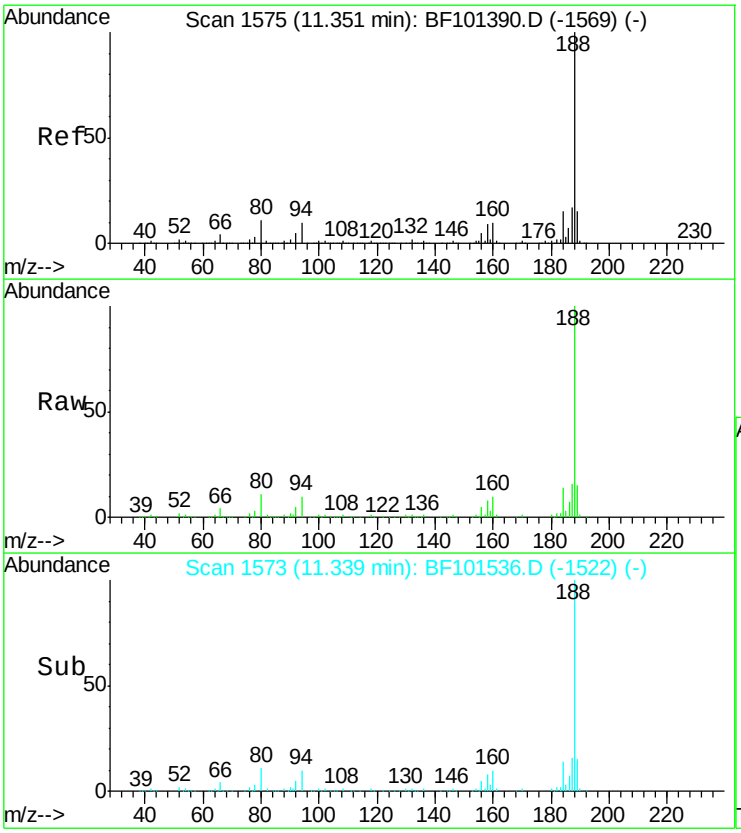
#56
2,4-Dinitrotoluene
Concen: 6.788 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion:165 Resp: 21069

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

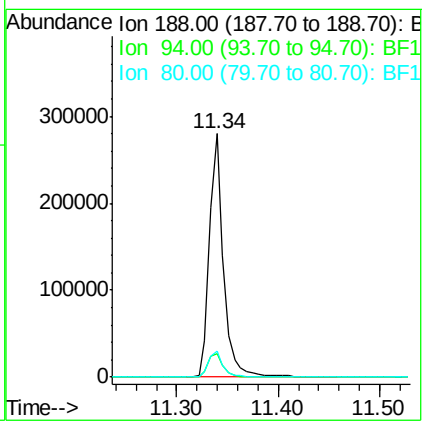


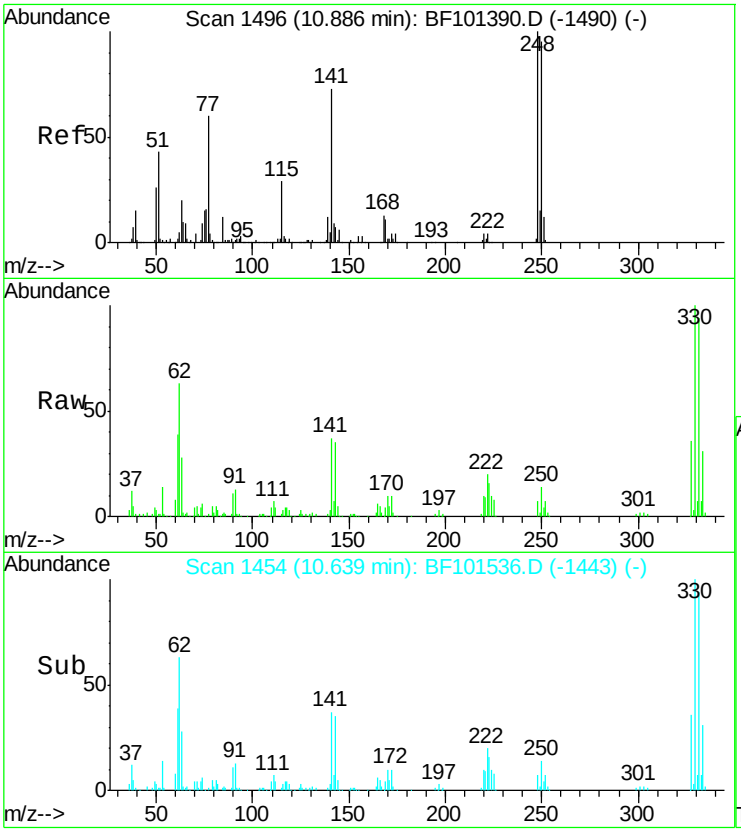


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion:188 Resp: 269546

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.8	9.2	13.8



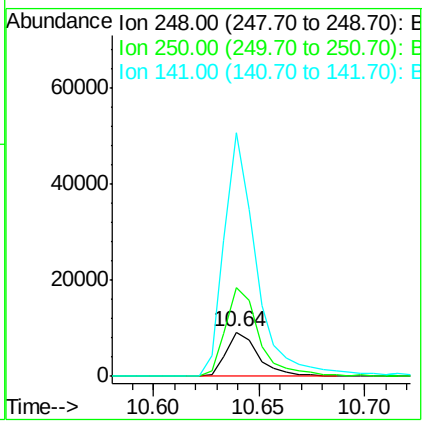


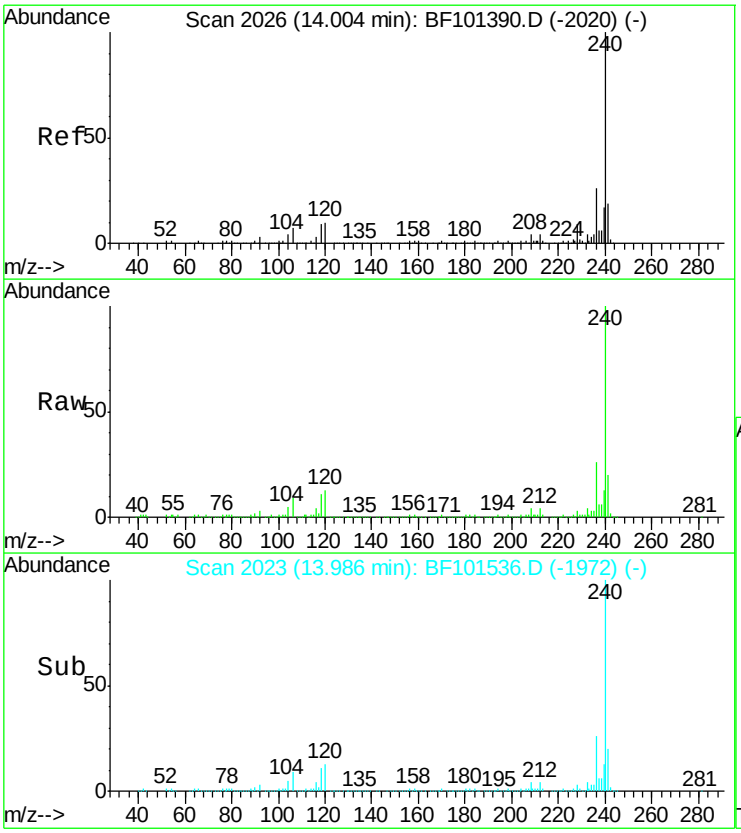
#66
4-Bromophenyl-phenylether
Concen: 3.202 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion:248 Resp: 9699

Ion	Ratio	Lower	Upper
248	100		
250	201.4	76.9	115.3#
141	549.5	74.4	111.6#

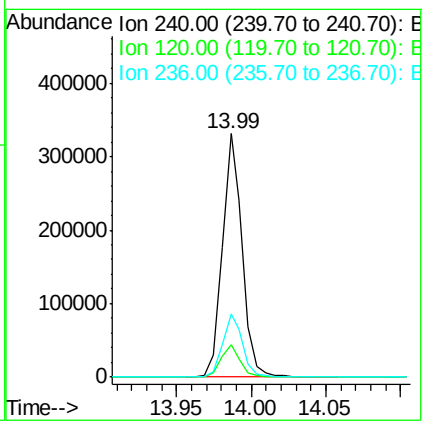


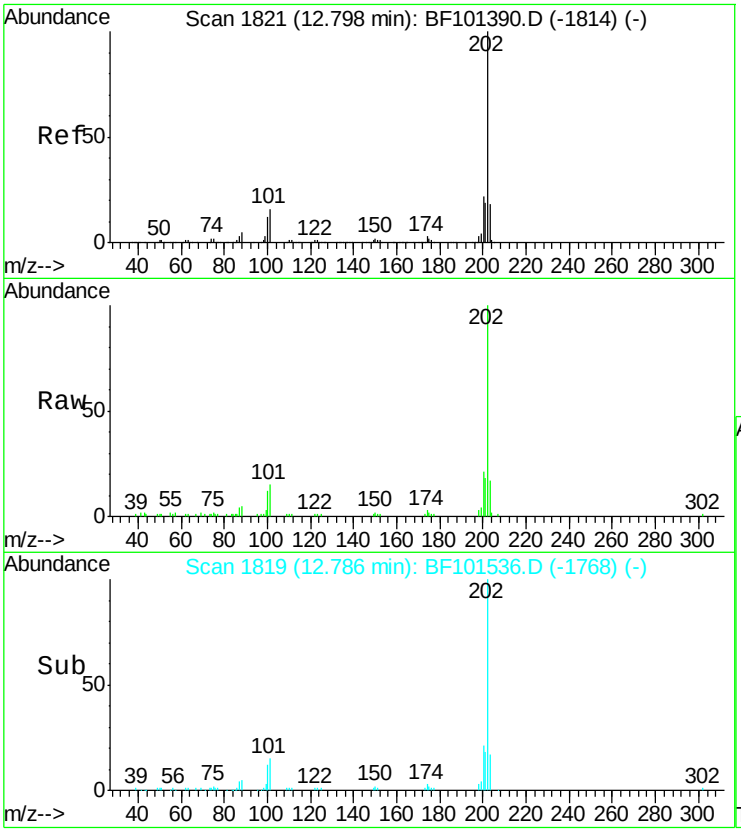


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion:240 Resp: 309229

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.8	20.7	31.1



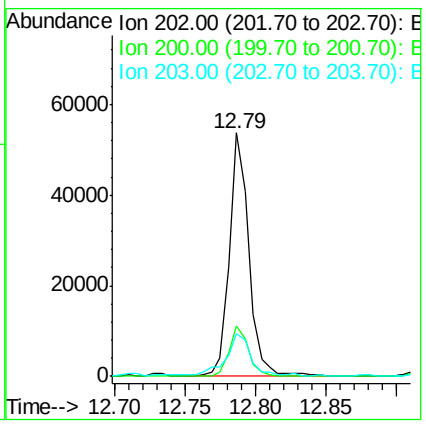


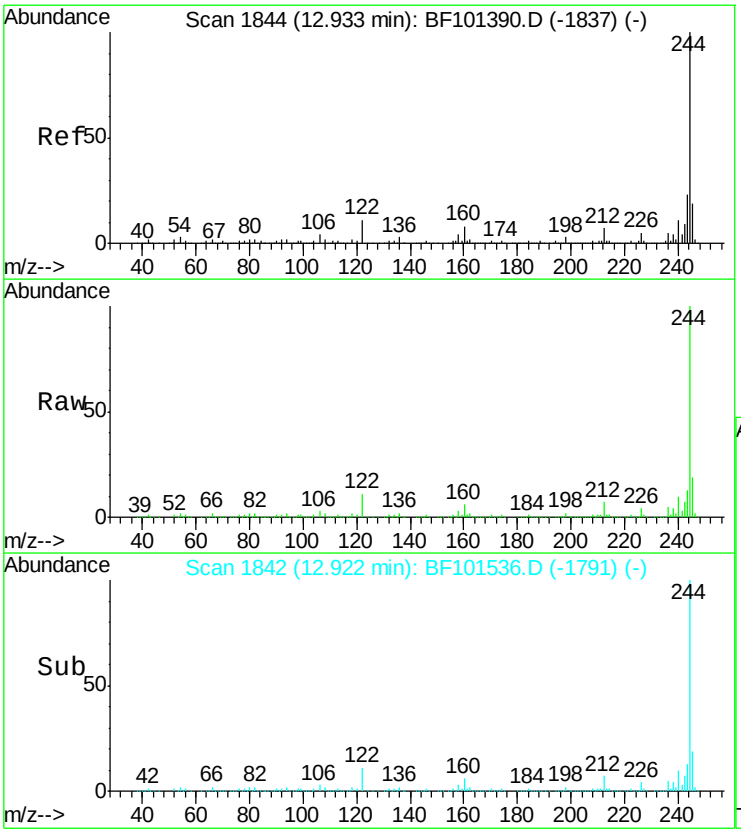
#77
Pyrene
Concen: 2.232 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion:202 Resp: 51792

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.3	21.5

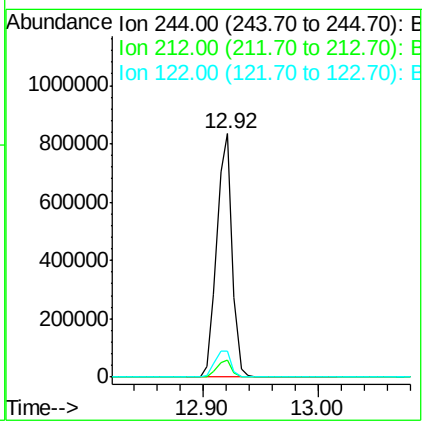


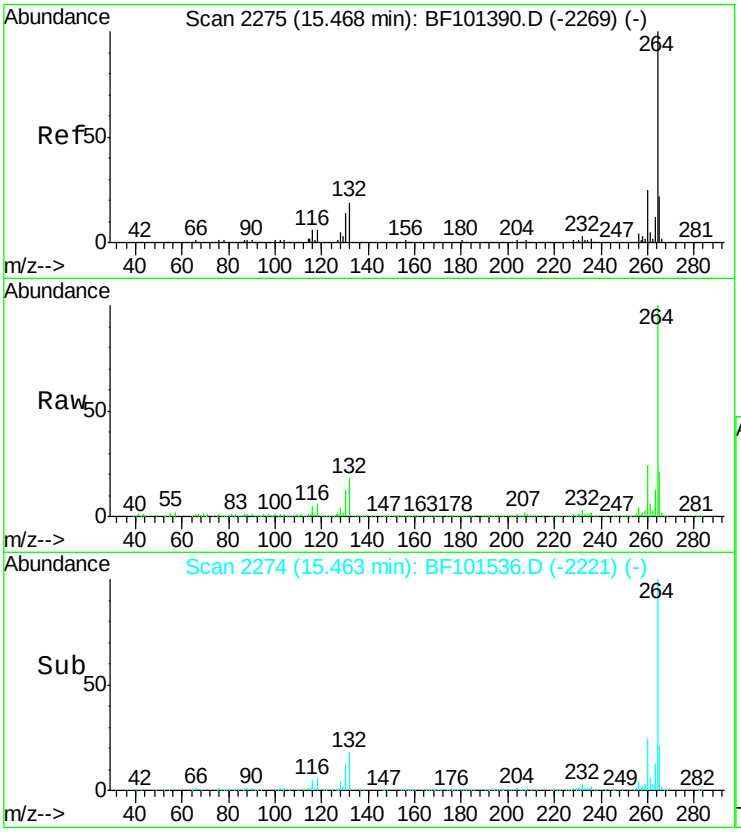


#78
Terphenyl-d14
Concen: 59.982 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion:244 Resp: 769391

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	11.0	16.4#



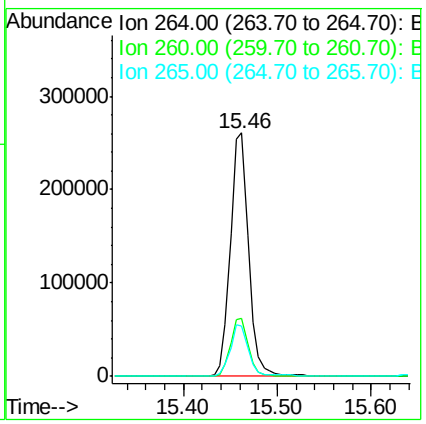


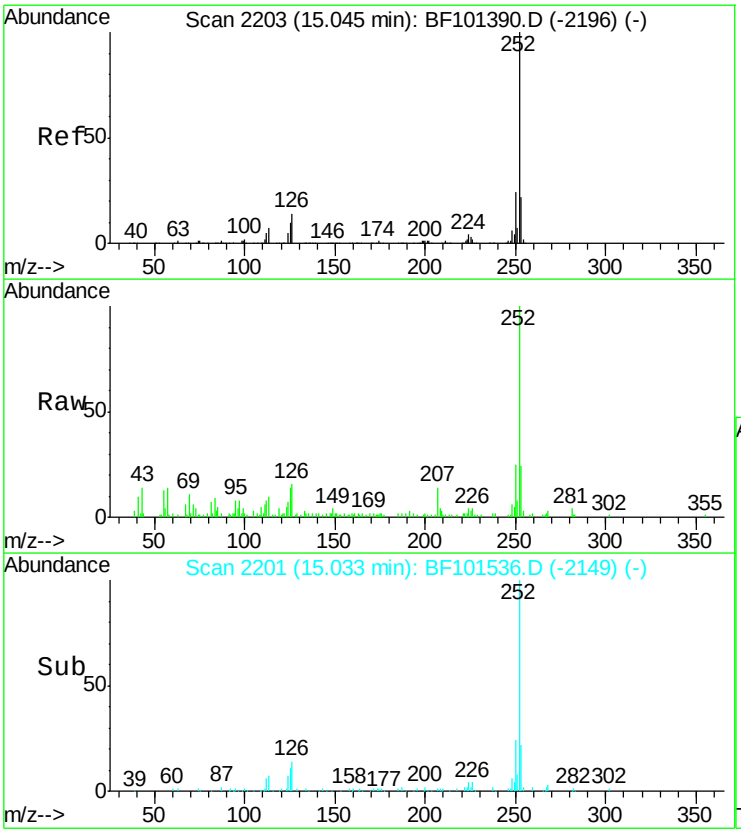
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion:264 Resp: 351720

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.8	17.5	26.3

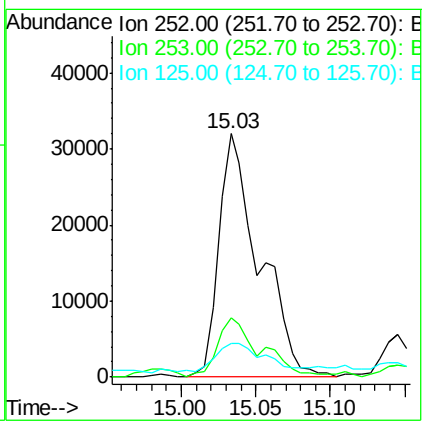


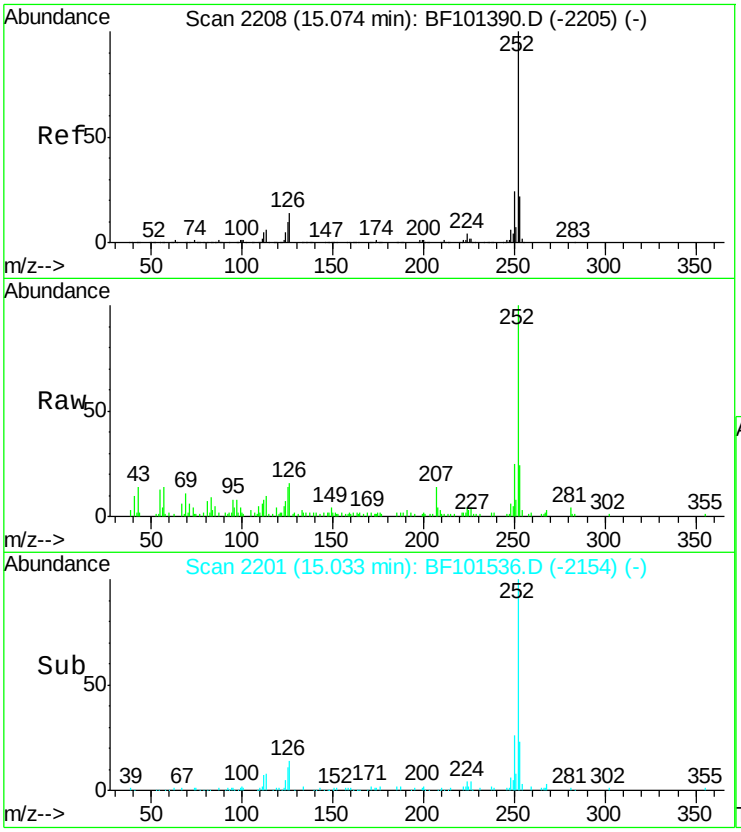


#87
Benzo(b)fluoranthene
Concen: 2.835 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Tgt Ion:252 Resp: 60783

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	13.6	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.916 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF101536.D
Acq: 19 Dec 2017 21:30

Instrument :
BNA_F
ClientSampleId :
72-12000

Tgt Ion:252 Resp: 60783

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	13.6	10.2	15.2