

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101878.D
 Acq On : 3 Jan 2018 23:26
 Operator : SJ/JU
 Sample : I7102-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

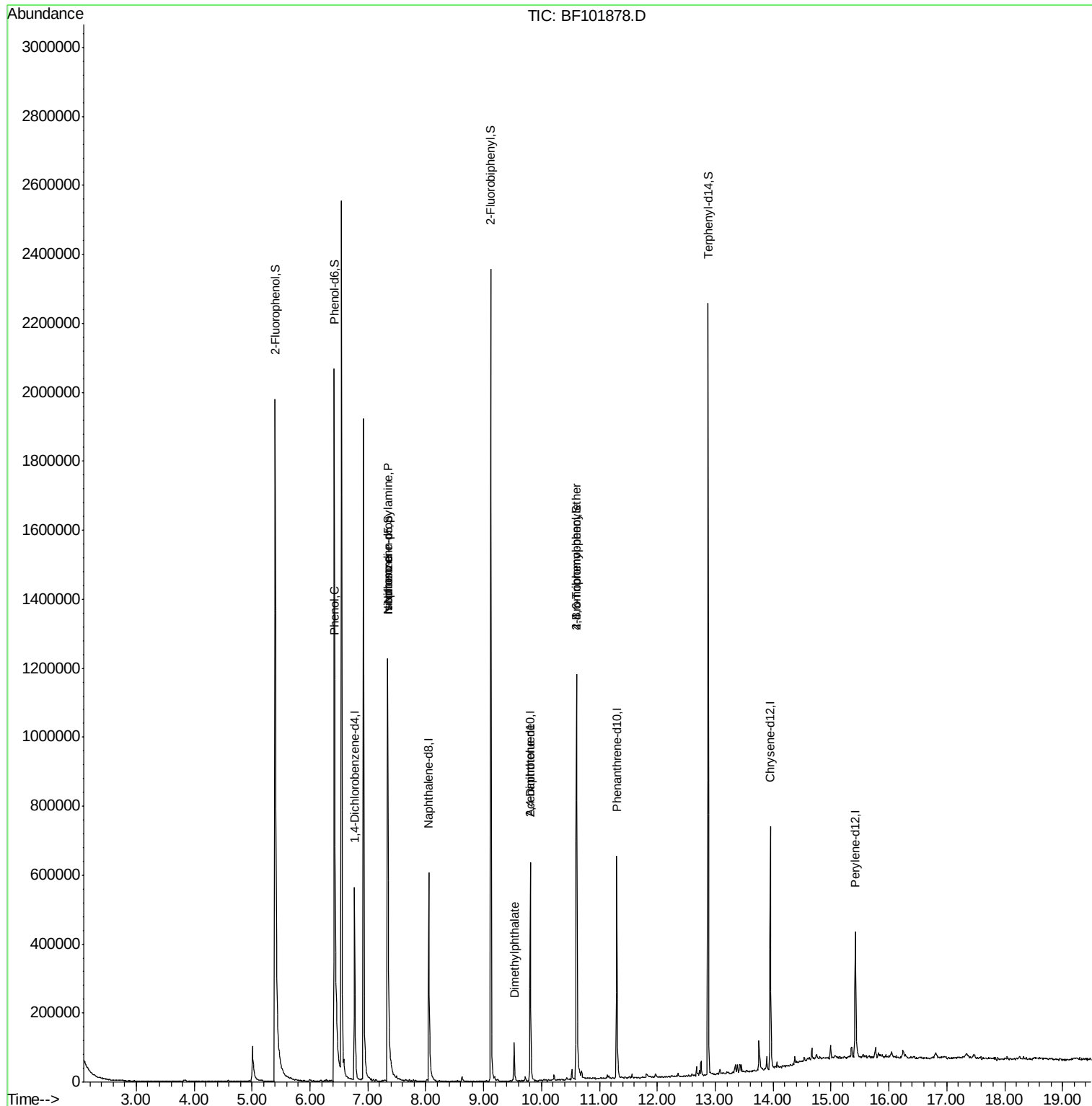
Quant Time: Jan 04 04:33:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

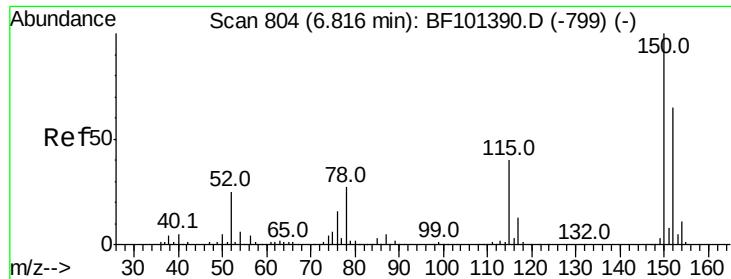
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	104339	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	368750	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	137210	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	256780	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	261547	20.00	ng	-0.02
86) Perylene-d12	15.42	264	205413	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	888523	126.85	ng	0.00
7) Phenol-d6	6.42	99	1012703	116.17	ng	-0.01
23) Nitrobenzene-d5	7.34	82	580582	87.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	164091	124.11	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	793675	89.73	ng	-0.02
78) Terphenyl-d14	12.88	244	778142	71.72	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	38604	3.885	ng	# 50
19) n-Nitroso-di-n-propylamine	7.34	70	76080	13.289	ng	# 82
25) Isophorone	7.34	82	580582	43.689	ng	# 64
49) Dimethylphthalate	9.53	163	55219	5.003	ng	# 98
56) 2,4-Dinitrotoluene	9.80	165	16959	6.710	ng	# 23
66) 4-Bromophenyl-phenylether	10.60	248	10083	3.495	ng	# 1

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

```
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Misc      :  
ALS Vial  : 25 Sample Multiplier: 1
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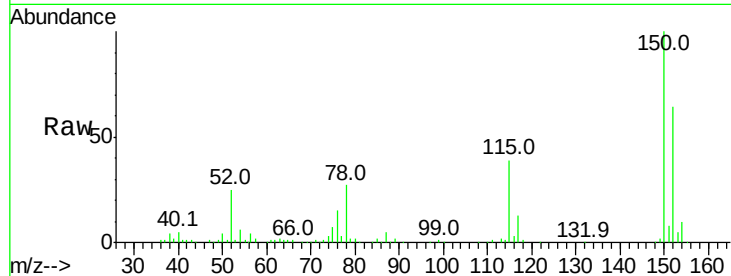


#1

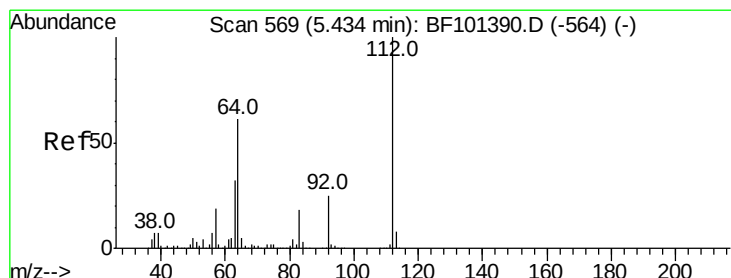
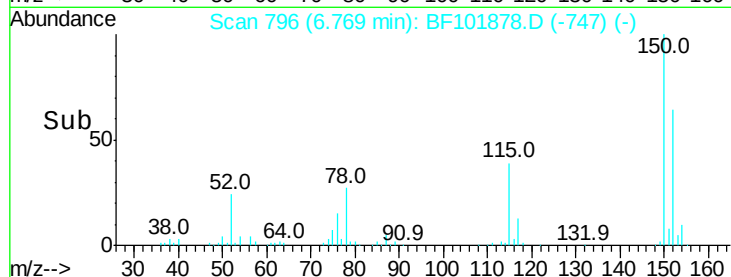
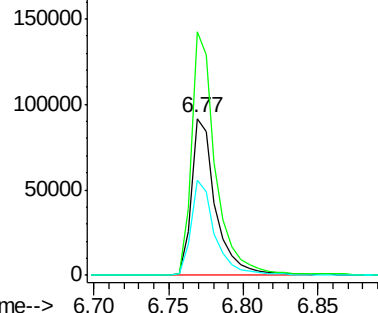
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101878.D
Acq: 3 Jan 2018 23:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104339
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 60.8 50.1 75.1



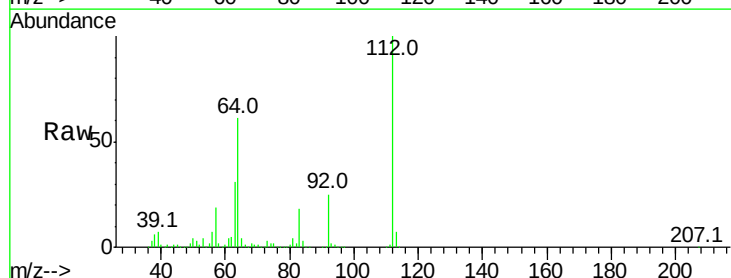
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



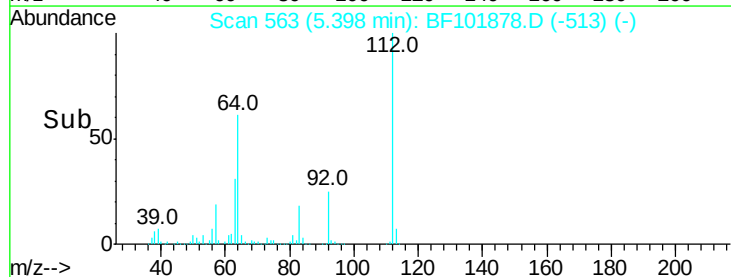
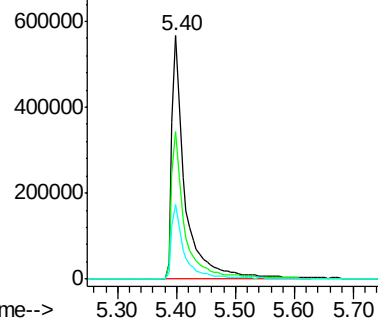
#5

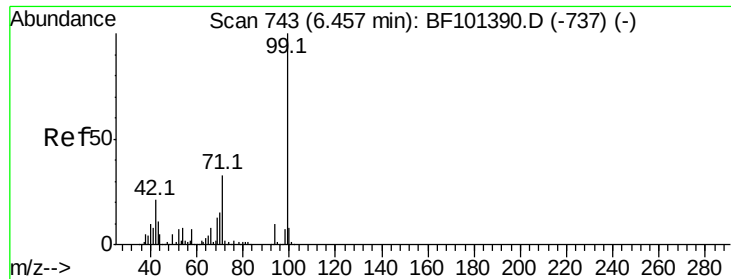
2-Fluorophenol
Concen: 126.849 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101878.D
Acq: 3 Jan 2018 23:26

Tgt Ion:112 Resp: 888523
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 116.169 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

Instrument :

BNA_F

ClientSampleId :

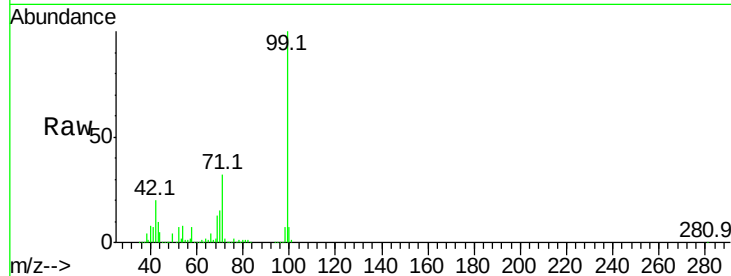
Tot Ion: 99 Resp: 1012703

Ion Ratio Lower Upper

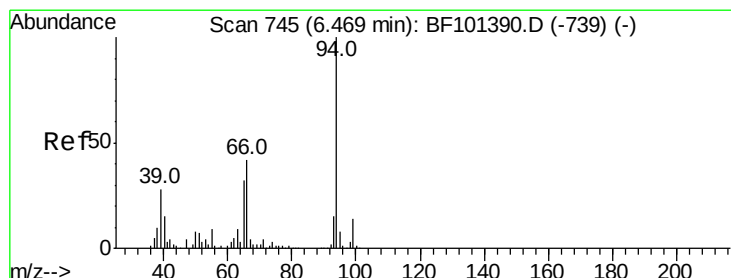
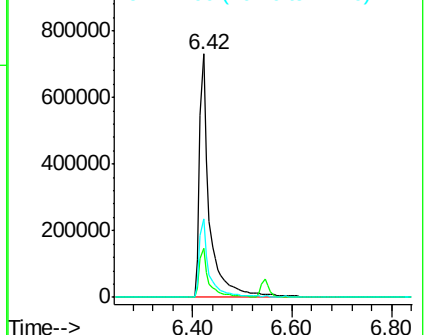
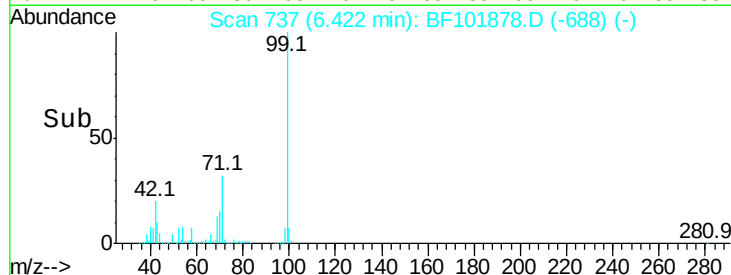
99 100

42 20.1 14.5 21.7

71 32.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.885 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

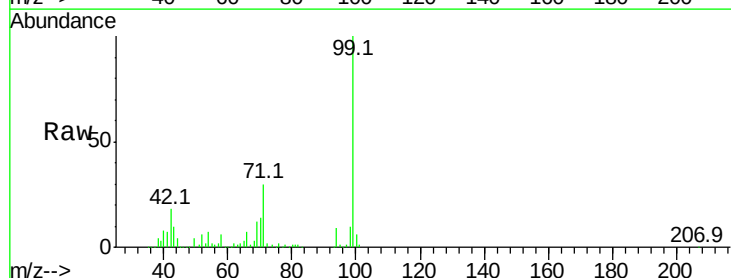
Tgt Ion: 94 Resp: 38604

Ion Ratio Lower Upper

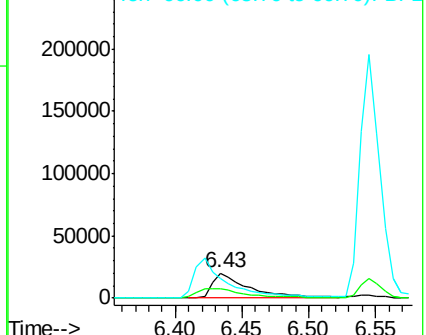
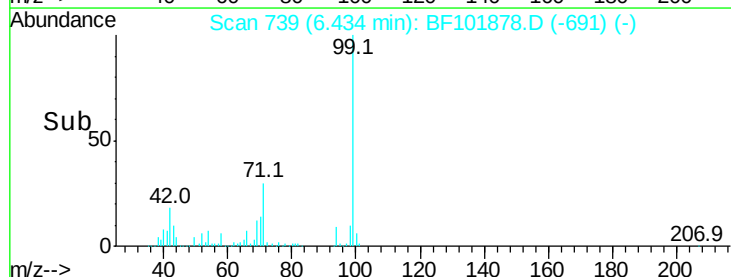
94 100

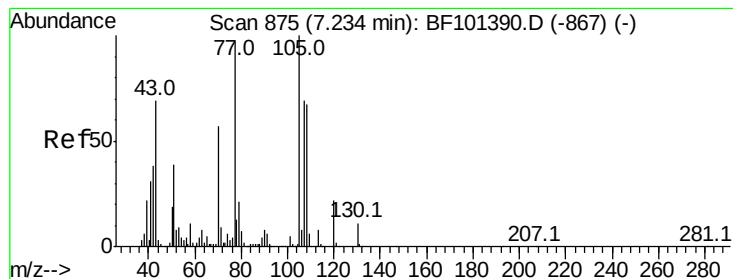
65 38.0 7.9 47.9

66 79.6 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 13.289 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 76080

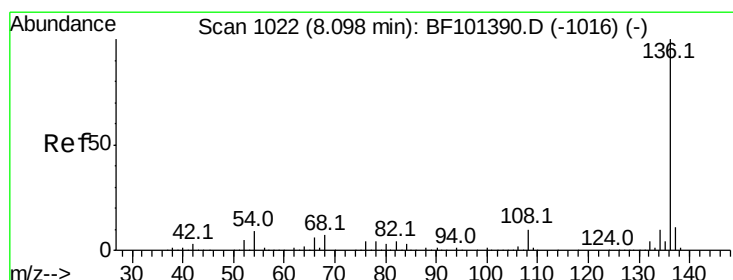
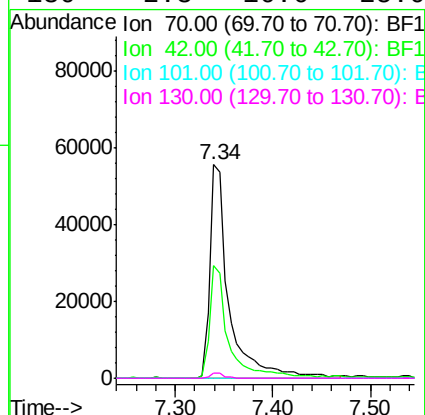
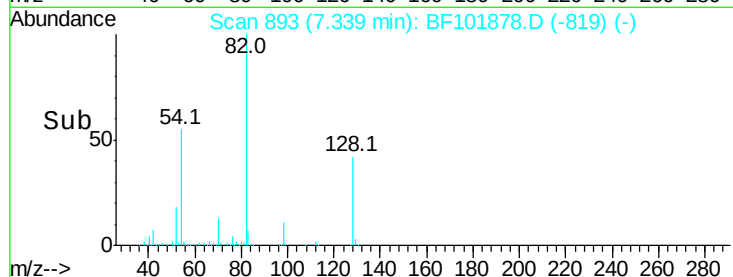
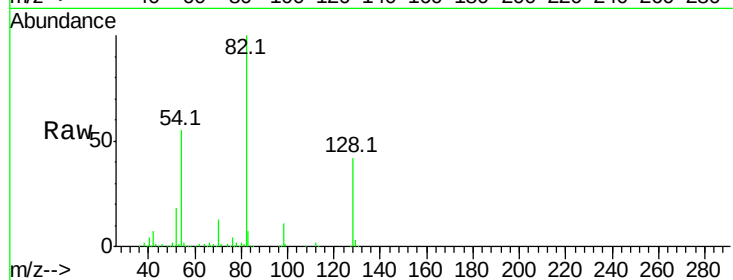
Ion Ratio Lower Upper

70 100

42 52.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

Tgt Ion: 136 Resp: 368750

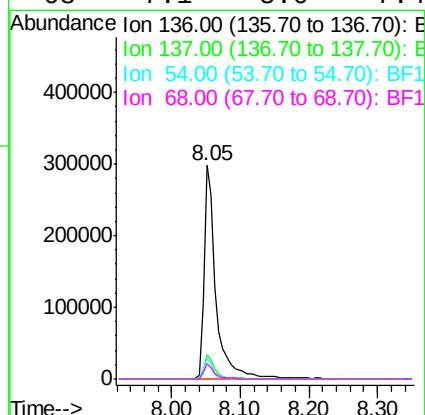
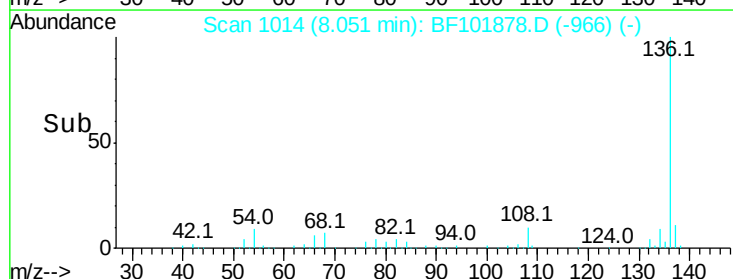
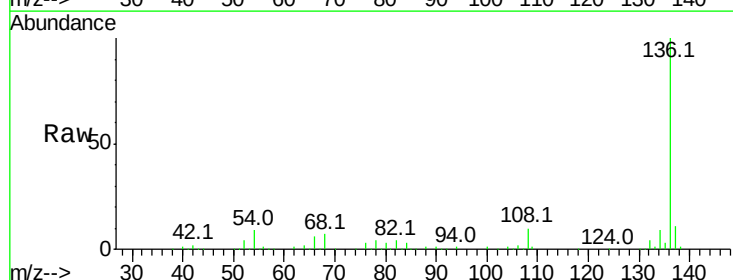
Ion Ratio Lower Upper

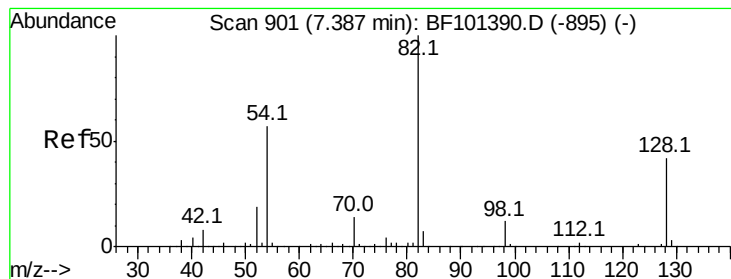
136 100

137 11.2 8.9 13.3

54 9.3 6.6 9.8

68 7.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 87.644 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

Instrument :

BNA_F

ClientSampleId :

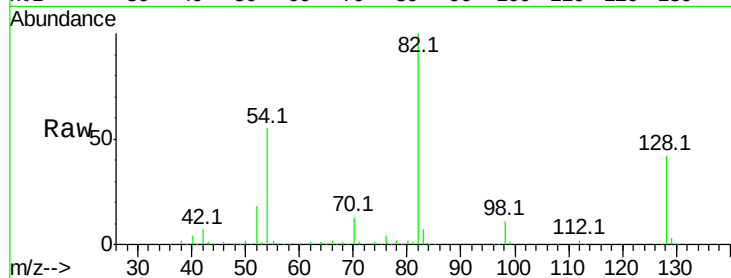
Tot Ion: 82 Resp: 580582

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

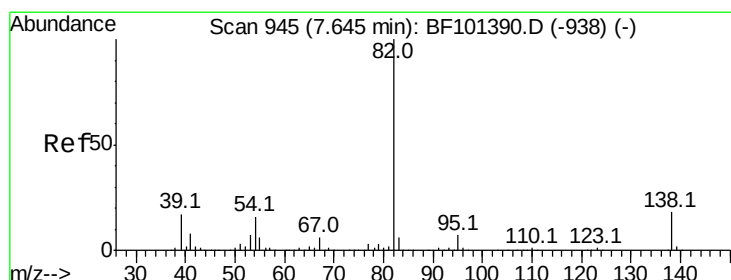
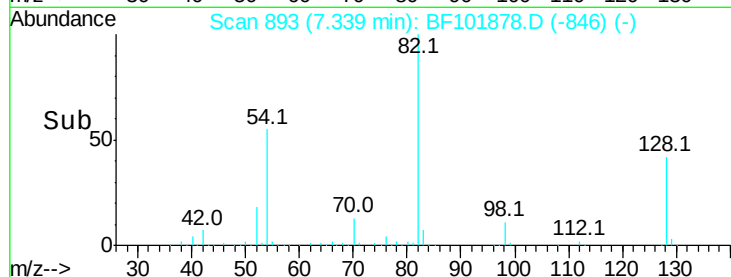
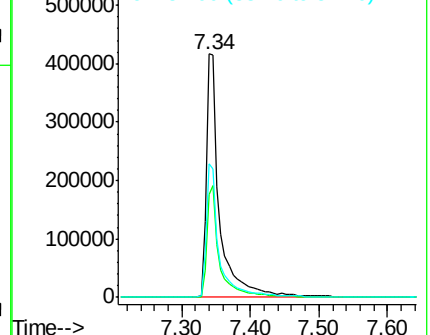
54 55.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 43.689 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

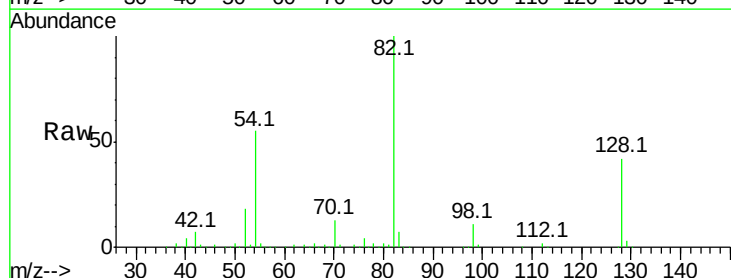
Tgt Ion: 82 Resp: 580582

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

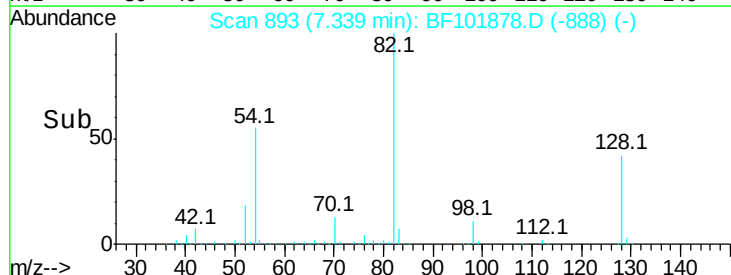
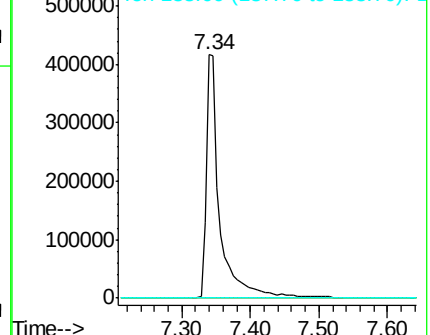
138 0.0 14.9 22.3#

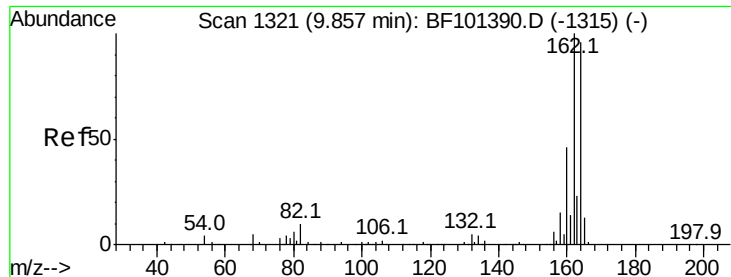


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

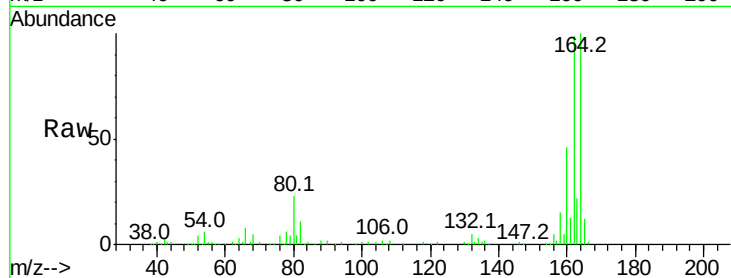
Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

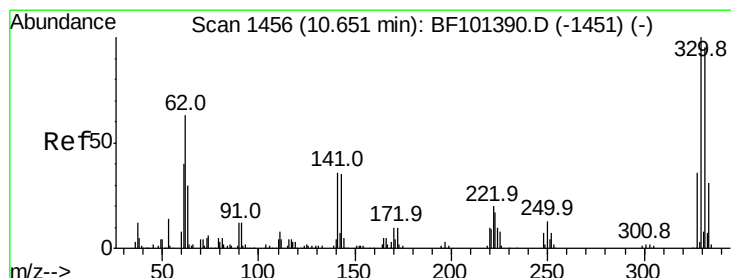
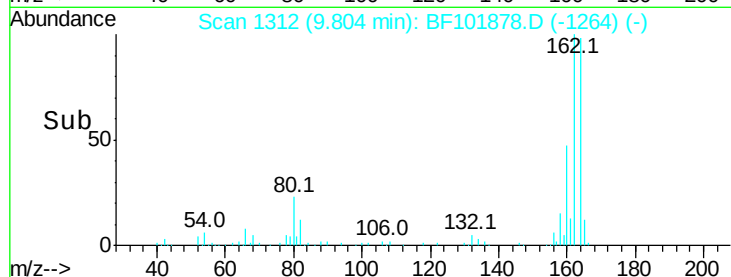
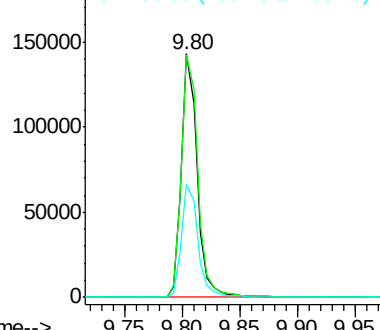
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 137210

Ion	Ratio	Lower	Upper
164	100		
162	99.3	86.1	129.1
160	46.3	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 124.112 ng

RT: 10.60 min Scan# 1448

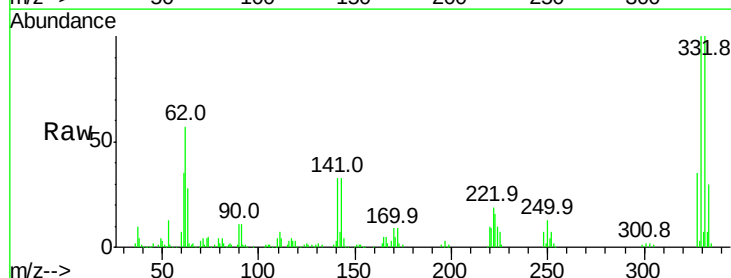
Delta R.T. -0.02 min

Lab File: BF101878.D

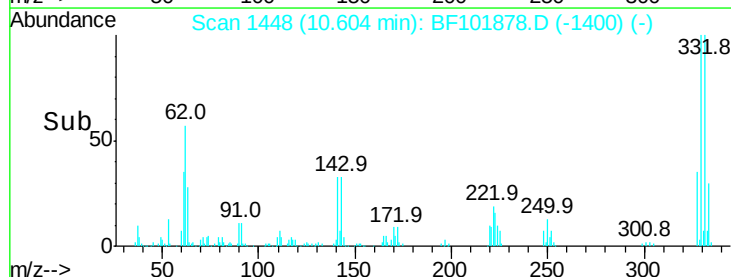
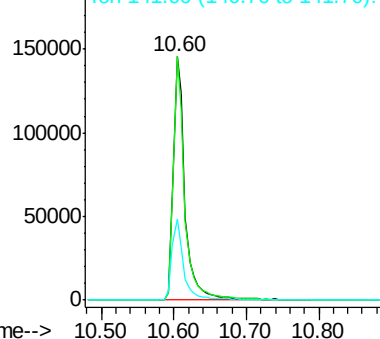
Acq: 3 Jan 2018 23:26

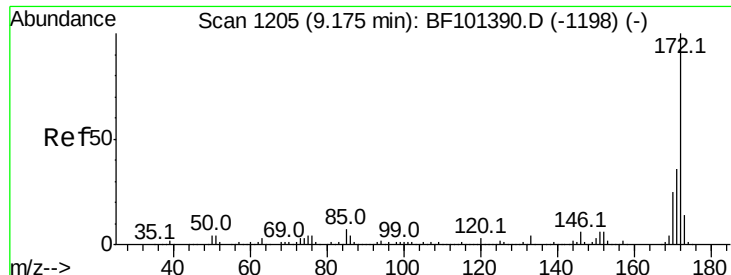
Tgt Ion:330 Resp: 164091

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.5	29.9	44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

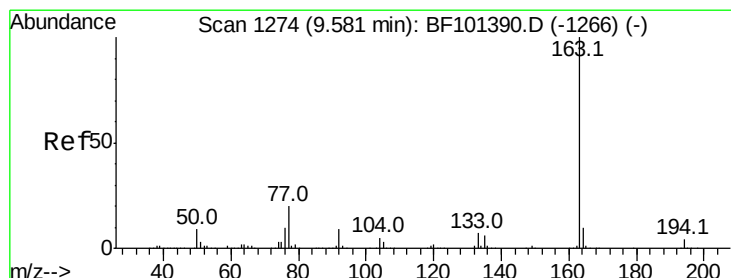
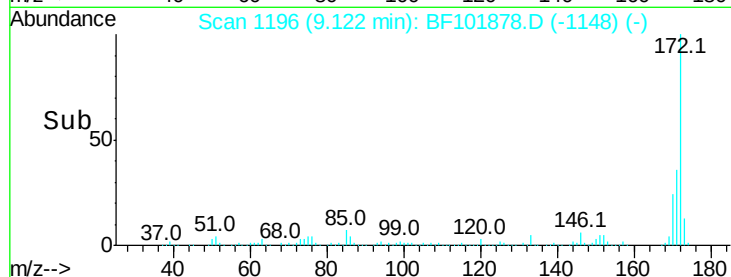
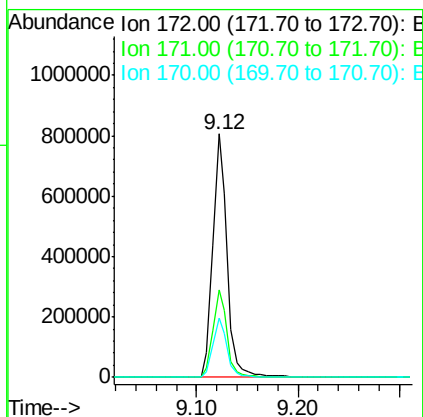
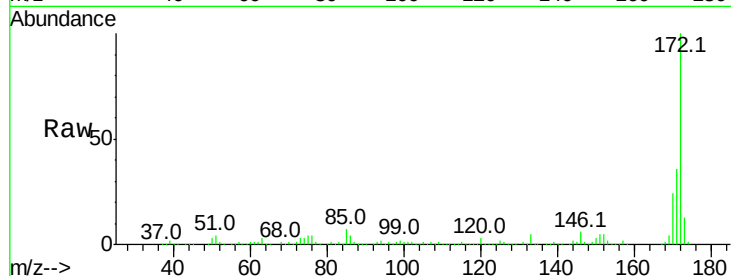




#44
 2-Fluorobiphenyl
 Concen: 89.730 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF101878.D
 Acq: 3 Jan 2018 23:26

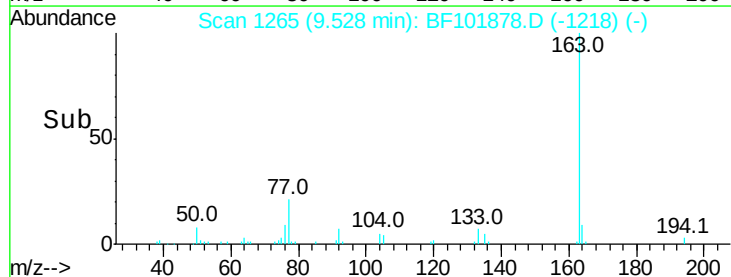
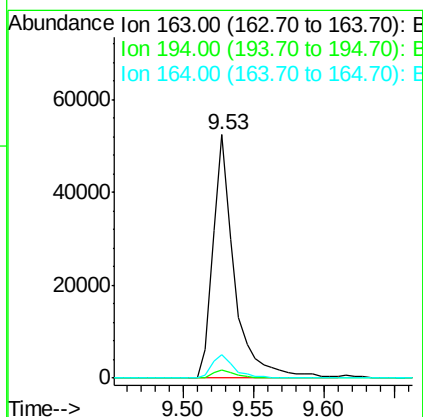
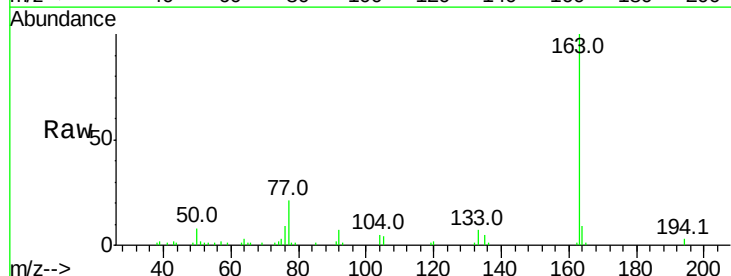
Instrument :
 BNA_F
 ClientSampleId :

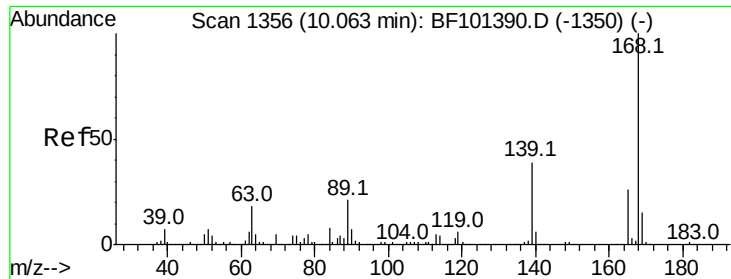
Tot Ion:172 Resp: 793675
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.2 19.6 29.4



#49
 Dimethylphthalate
 Concen: 5.003 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF101878.D
 Acq: 3 Jan 2018 23:26

Tgt Ion:163 Resp: 55219
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 9.4 8.2 12.2

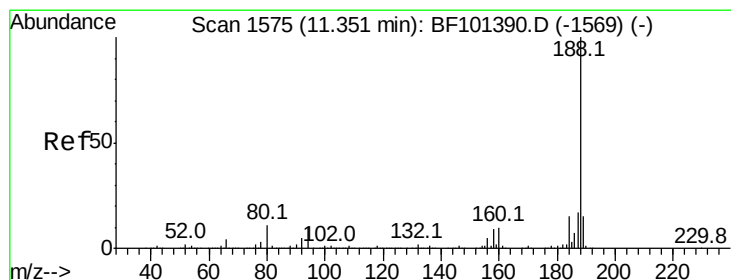
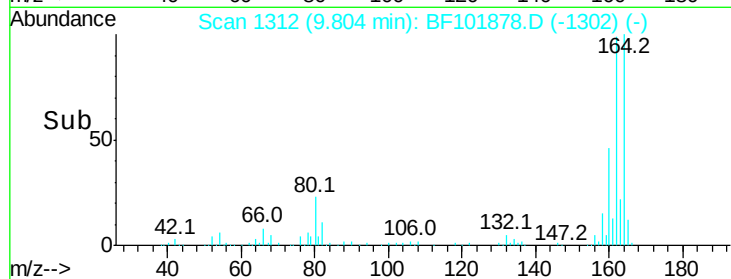
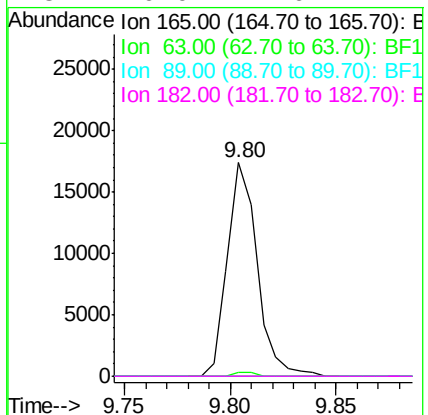
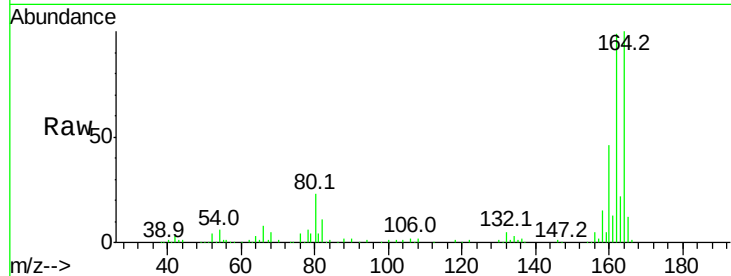




#56
 2,4-Dinitrotoluene
 Concen: 6.710 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.24 min
 Lab File: BF101878.D
 Acq: 3 Jan 2018 23:26

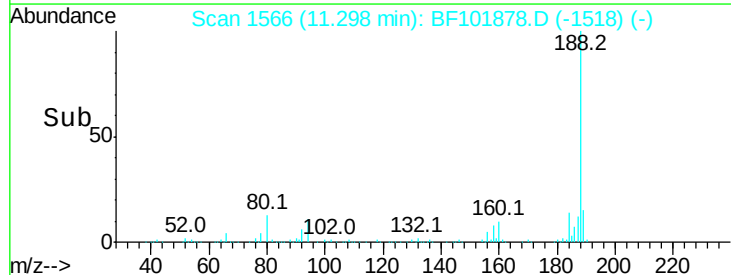
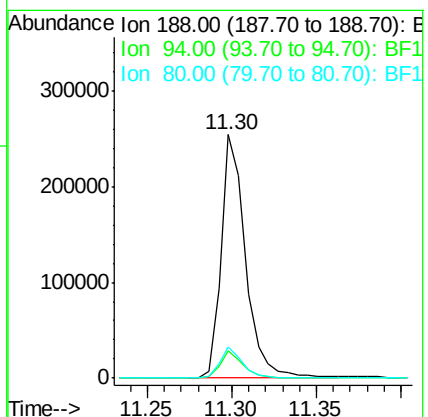
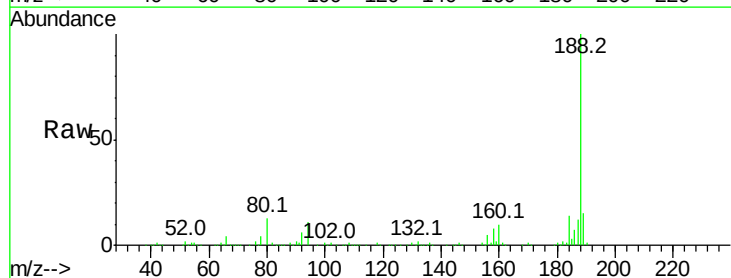
Instrument :
 BNA_F
 ClientSampleId :

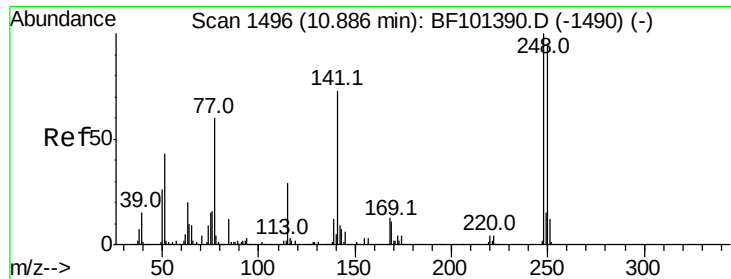
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF101878.D
 Acq: 3 Jan 2018 23:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.8	9.2	13.8

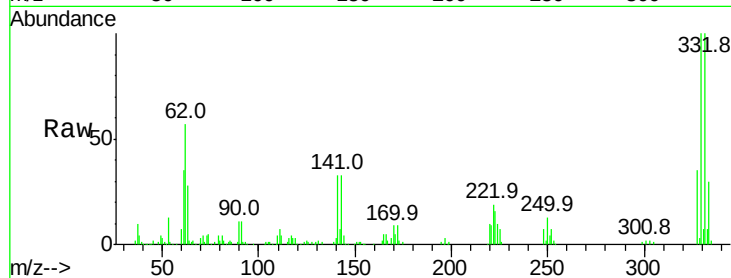




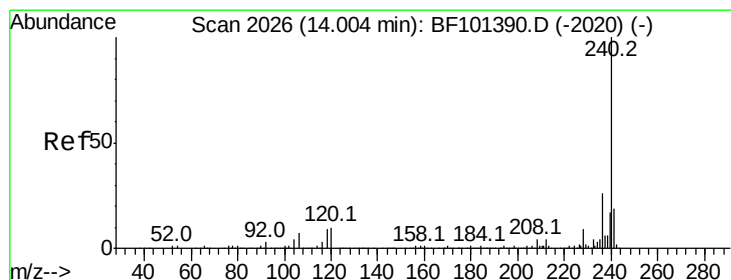
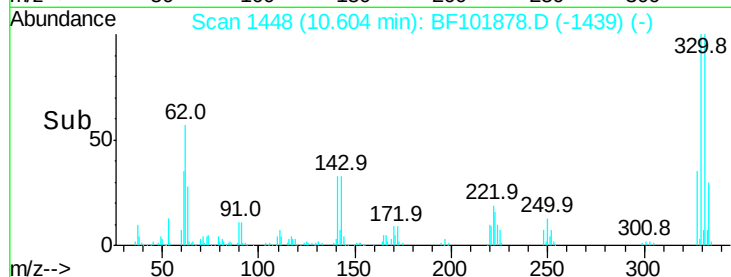
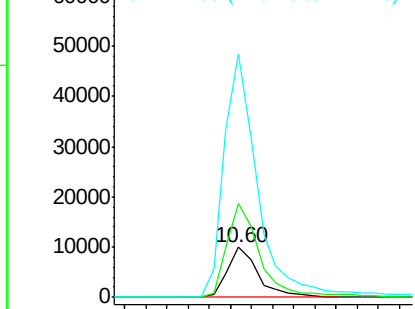
#66
4-Bromophenyl-phenylether
Concen: 3.495 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF101878.D
Acq: 3 Jan 2018 23:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10083
Ion Ratio Lower Upper
248 100
250 186.8 76.9 115.3#
141 485.3 74.4 111.6#

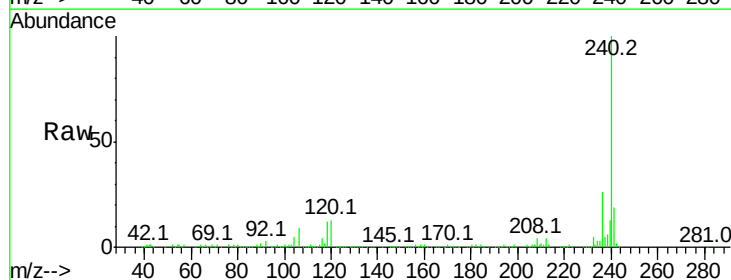


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

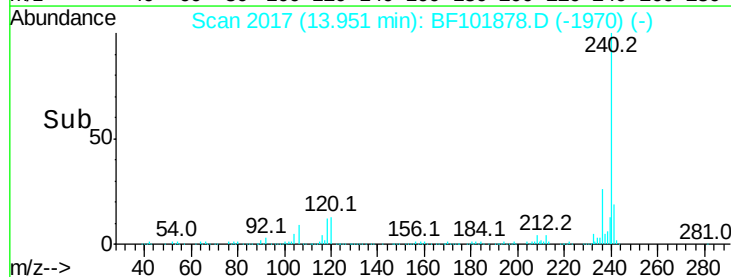
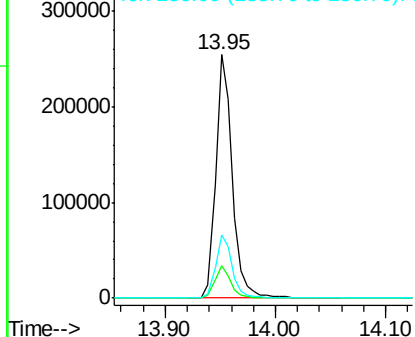


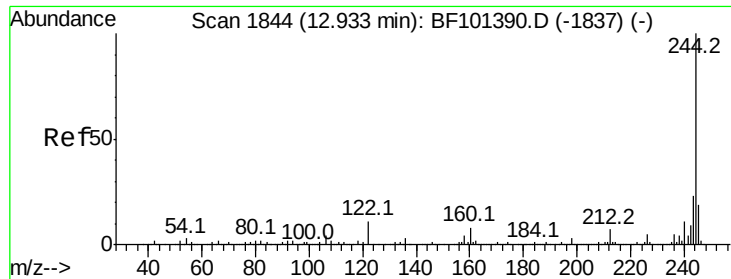
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF101878.D
Acq: 3 Jan 2018 23:26

Tgt Ion:240 Resp: 261547
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.724 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

Instrument :

BNA_F

ClientSampleId :

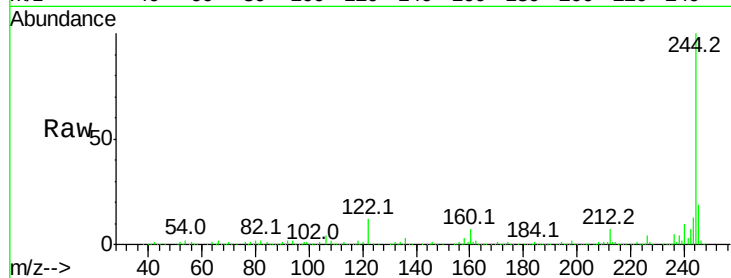
Tot Ion:244 Resp: 778142

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

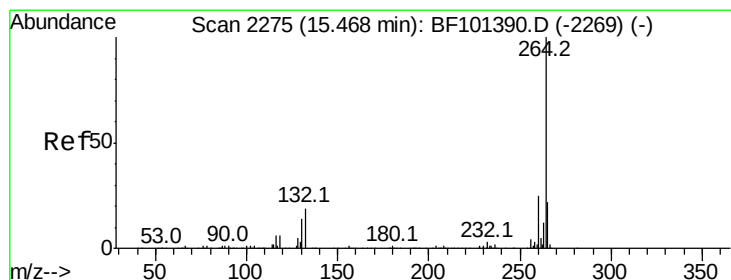
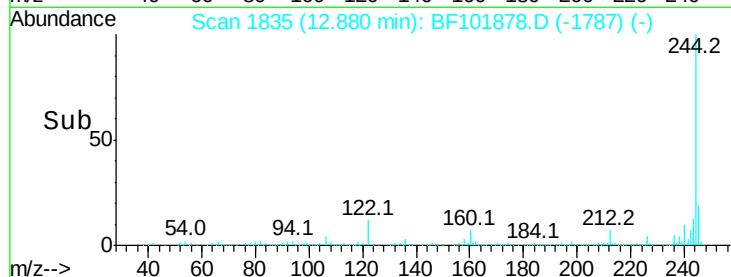
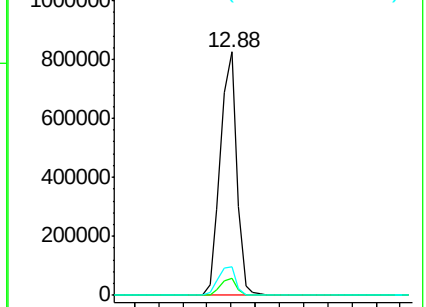
122 11.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF101878.D

Acq: 3 Jan 2018 23:26

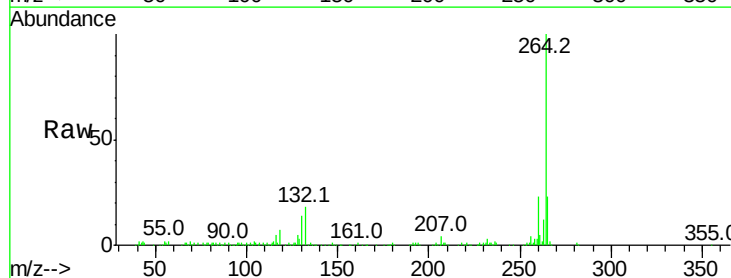
Tgt Ion:264 Resp: 205413

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

