

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101879.D
 Acq On : 3 Jan 2018 23:52
 Operator : SJ/JU
 Sample : I7102-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 04:34:06 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

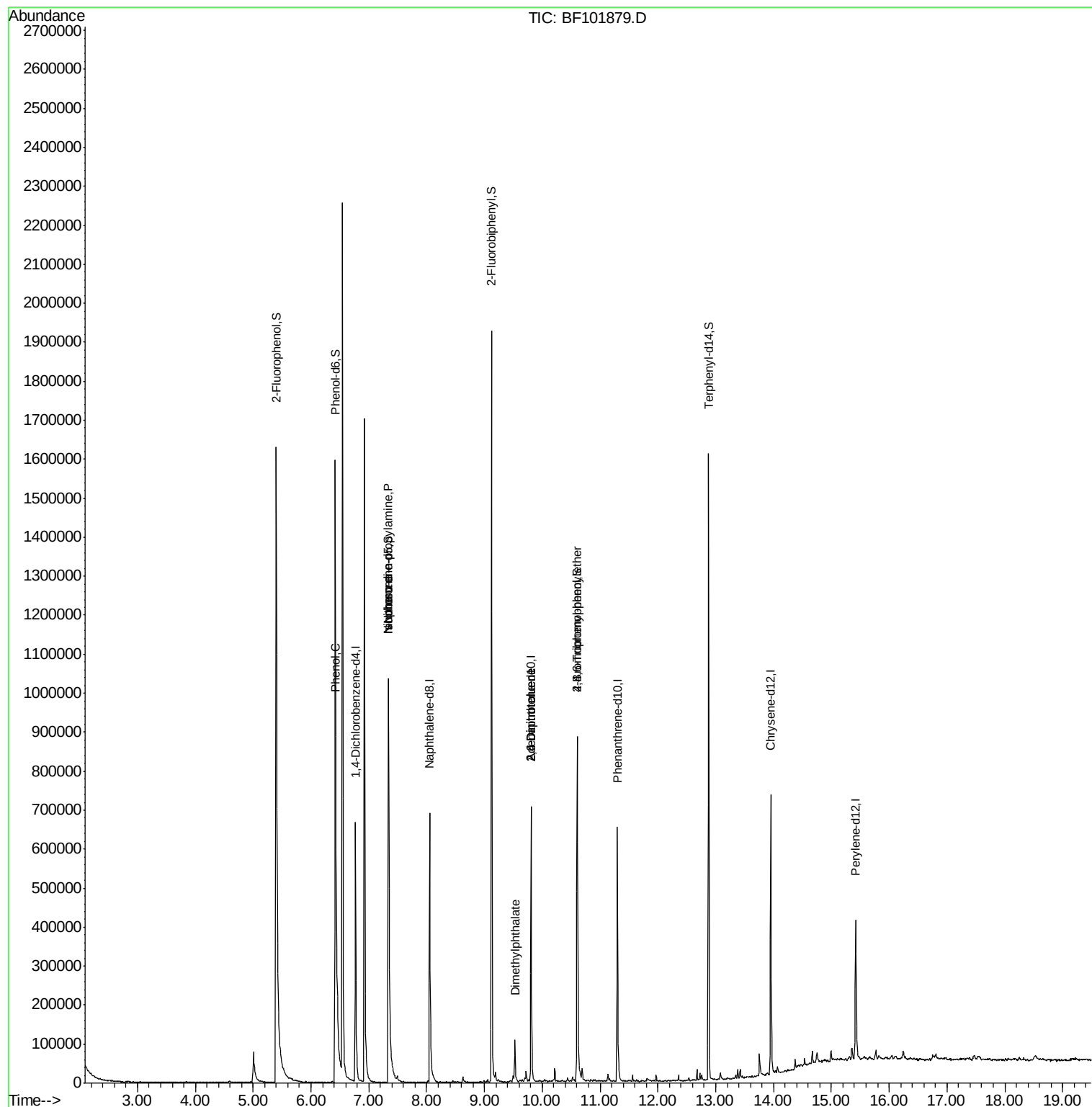
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	117824	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	422285	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	150350	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	271584	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	266127	20.00	ng	-0.02
86) Perylene-d12	15.42	264	201939	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	793599	100.33	ng	0.00
7) Phenol-d6	6.42	99	894278	90.84	ng	-0.01
23) Nitrobenzene-d5	7.34	82	513295	67.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	121799	84.07	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	623087	64.29	ng	-0.02
78) Terphenyl-d14	12.87	244	563351	51.03	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	36521	3.255	ng	# 40
19) n-Nitroso-di-n-propylamine	7.34	70	66092	10.223	ng	# 81
25) Isophorone	7.34	82	513295	33.729	ng	# 64
49) Dimethylphthalate	9.53	163	52785	4.365	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	18211	7.409	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	18211	6.576	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	7572	2.481	ng	# 1

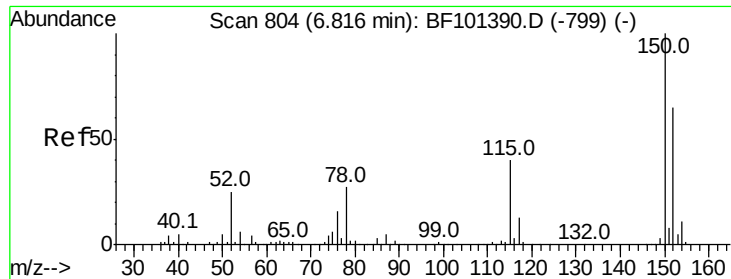
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101879.D
Acq On : 3 Jan 2018 23:52
Operator : SJ/JU
Sample : I7102-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 04 04:34:06 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



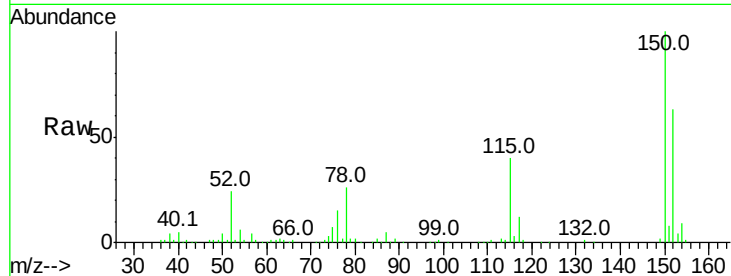


#1

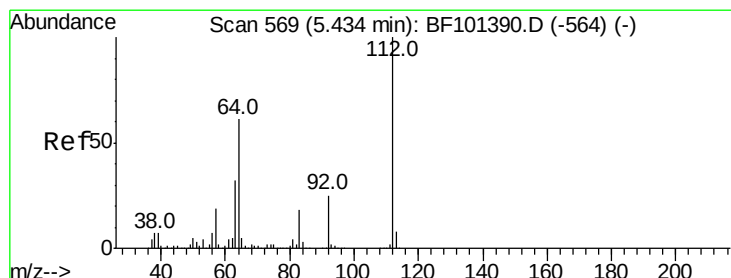
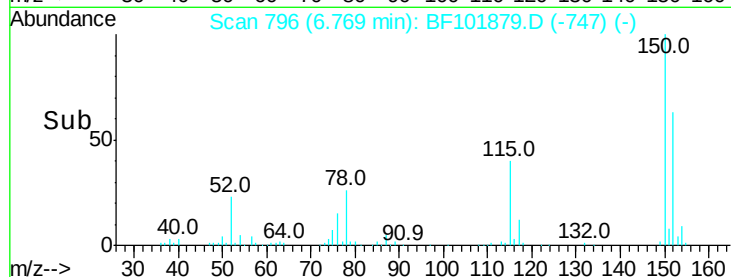
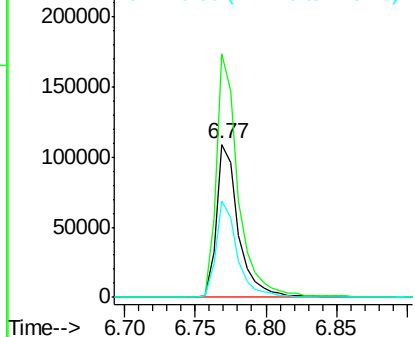
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101879.D
Acq: 3 Jan 2018 23:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 117824
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 63.0 50.1 75.1



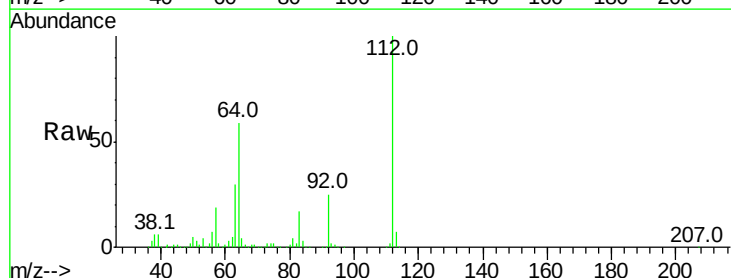
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



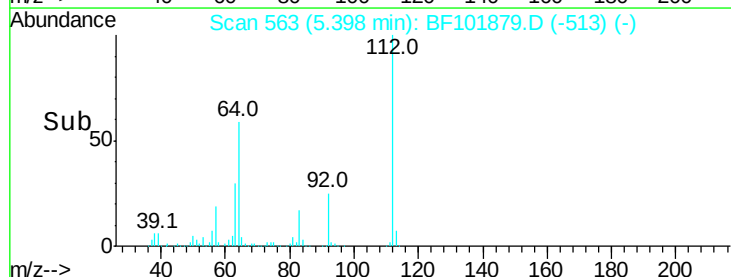
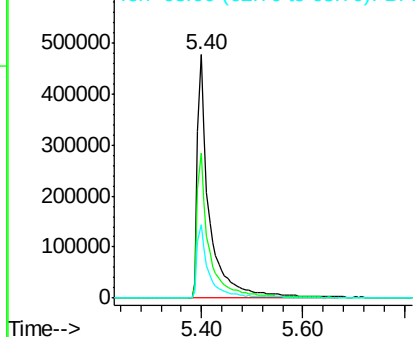
#5

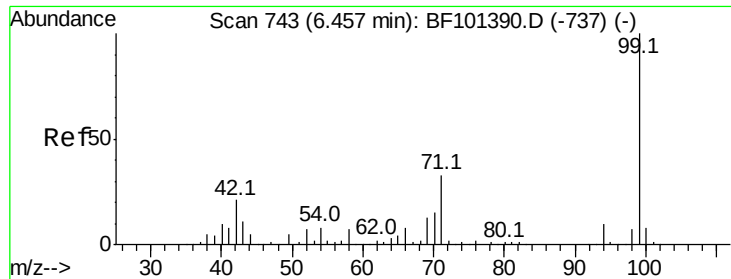
2-Fluorophenol
Concen: 100.330 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101879.D
Acq: 3 Jan 2018 23:52

Tgt Ion:112 Resp: 793599
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.0 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: 90.844 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101879.D

Acq: 3 Jan 2018 23:52

Instrument :

BNA_F

ClientSampleId :

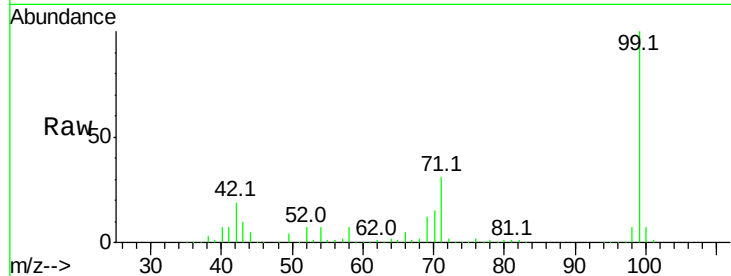
Tot Ion: 99 Resp: 894278

Ion Ratio Lower Upper

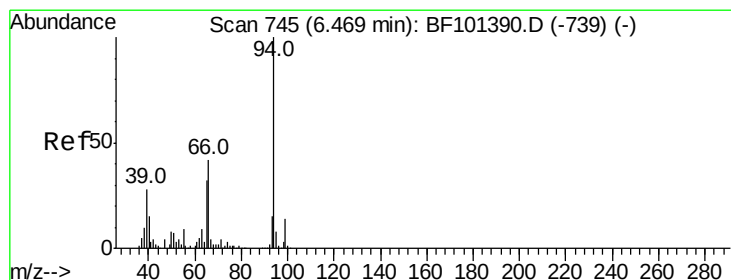
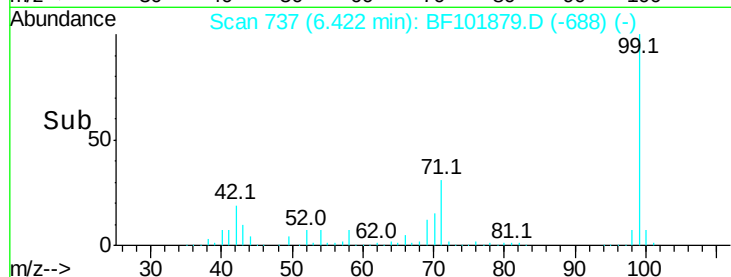
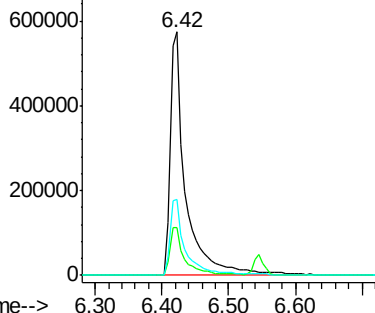
99 100

42 19.4 14.5 21.7

71 31.4 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: 3.255 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF101879.D

Acq: 3 Jan 2018 23:52

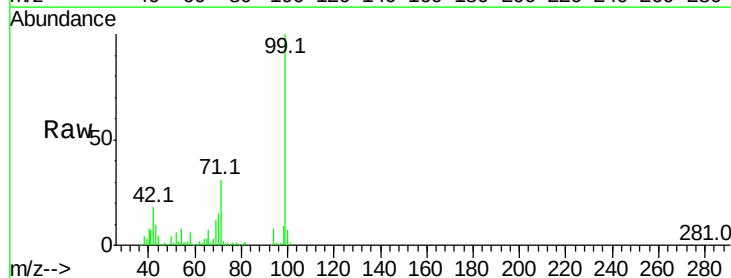
Tgt Ion: 94 Resp: 36521

Ion Ratio Lower Upper

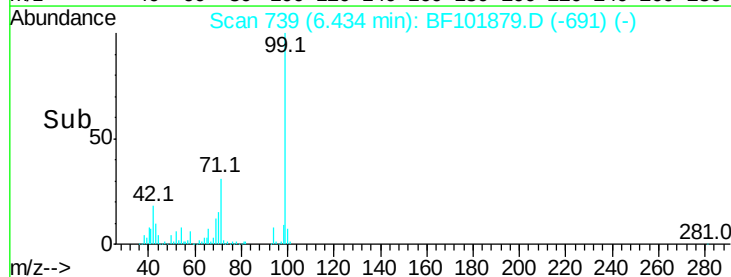
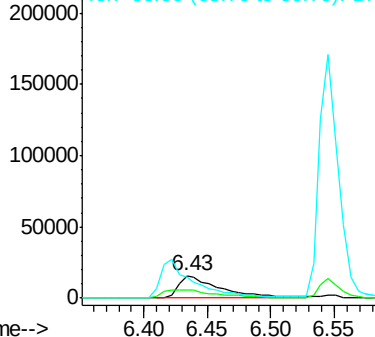
94 100

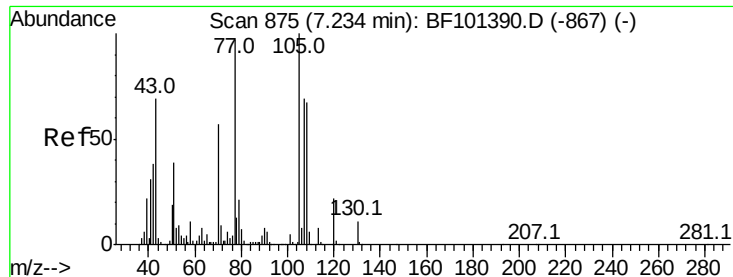
65 36.7 7.9 47.9

66 91.3 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

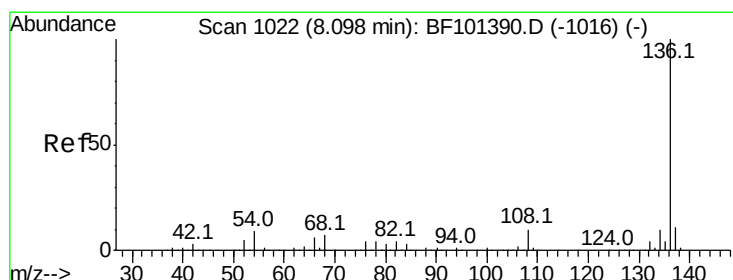
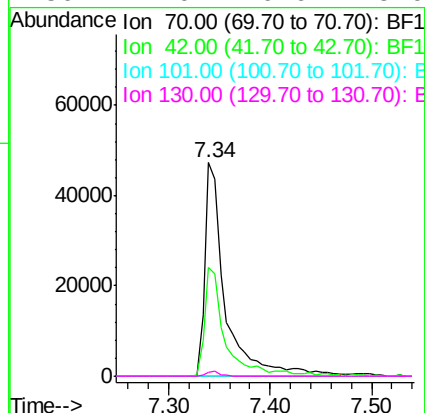
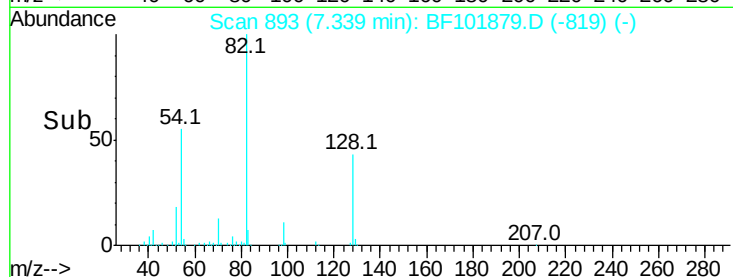
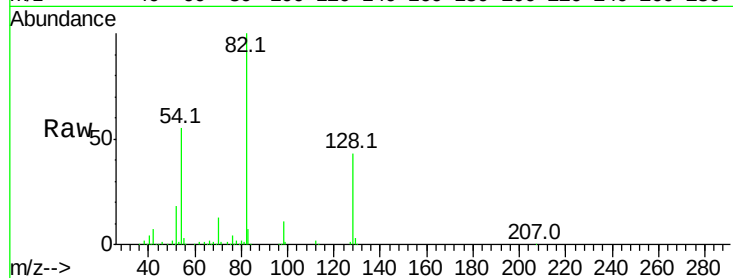




#19
n-Nitroso-di-n-propylamine
Concen: 10.223 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.14 min
Lab File: BF101879.D
Acq: 3 Jan 2018 23:52

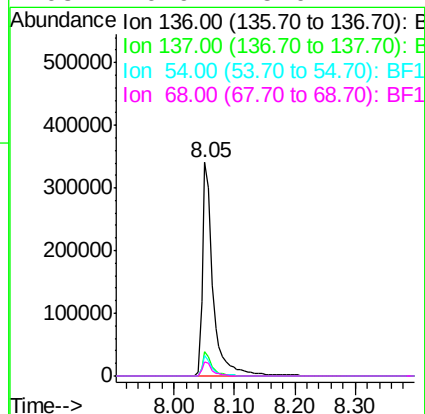
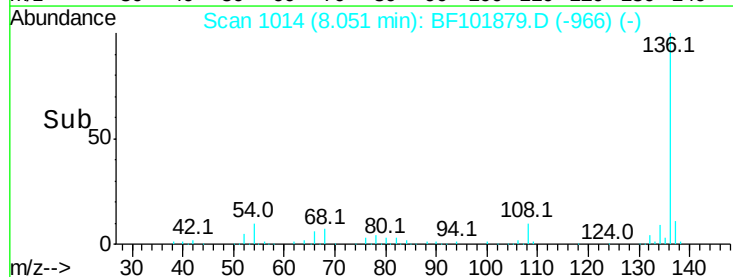
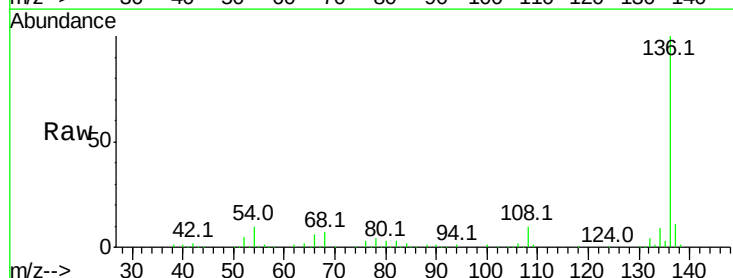
Instrument :
BNA_F
ClientSampleId :

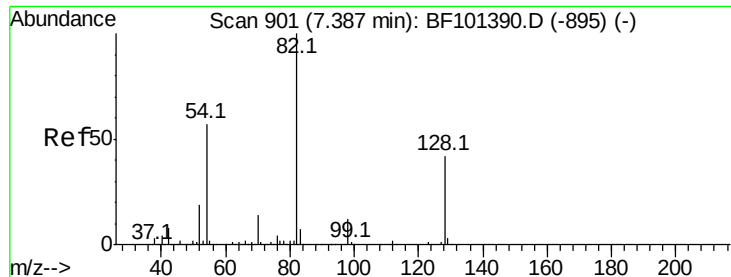
Tot Ion: 70 Resp: 66092
Ion Ratio Lower Upper
70 100
42 51.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101879.D
Acq: 3 Jan 2018 23:52

Tgt Ion: 136 Resp: 422285
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.6 6.6 9.8
68 6.9 5.0 7.4

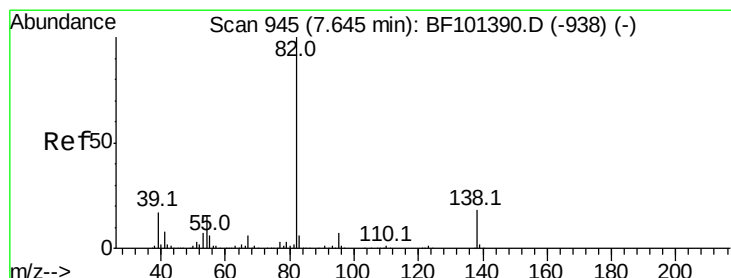
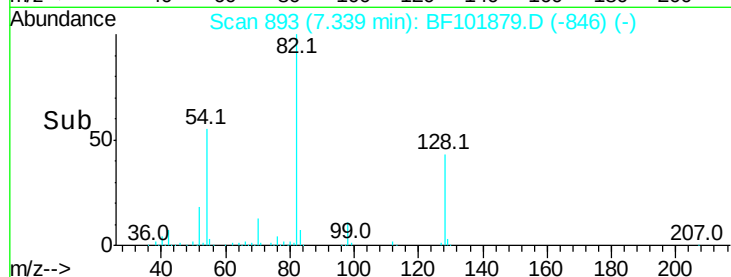
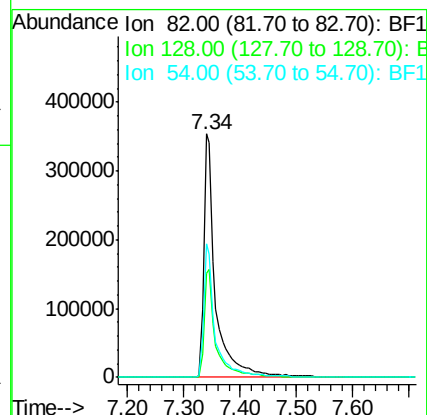
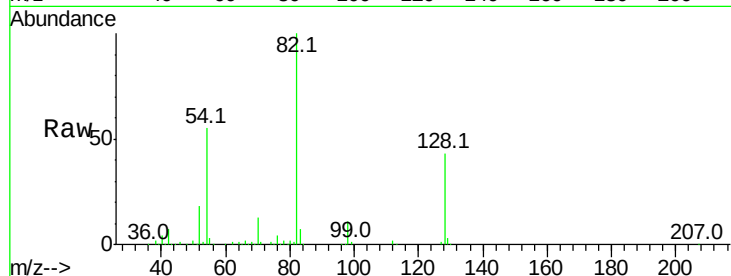




#23
 Nitrobenzene-d5
 Concen: 67.663 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF101879.D
 Acq: 3 Jan 2018 23:52

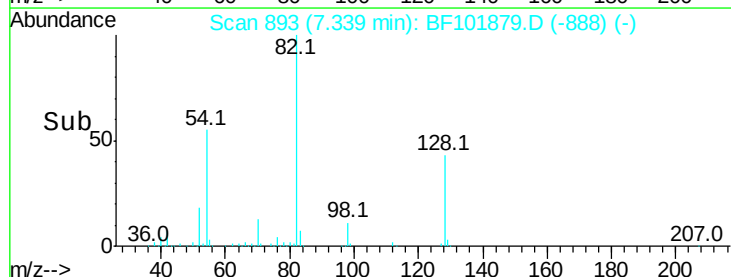
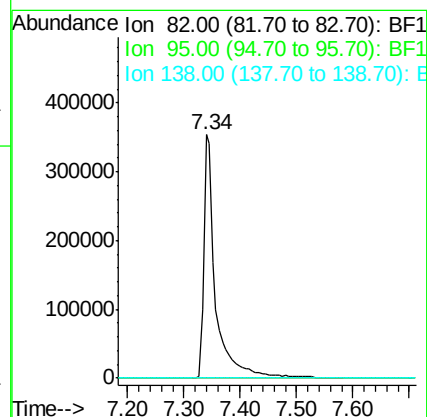
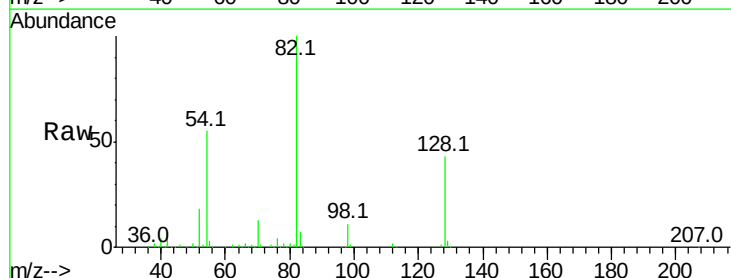
Instrument :
 BNA_F
 ClientSampled :

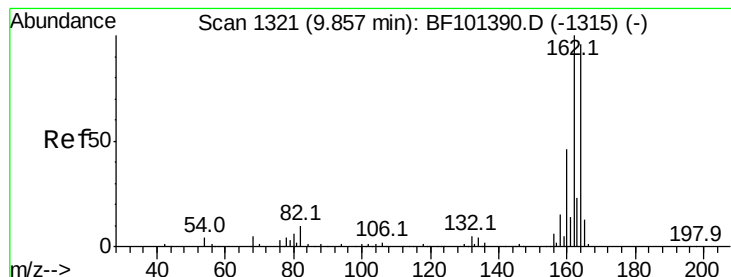
Tot Ion: 82 Resp: 513295
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 54.9 41.4 62.2



#25
 Isophorone
 Concen: 33.729 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.27 min
 Lab File: BF101879.D
 Acq: 3 Jan 2018 23:52

Tgt Ion: 82 Resp: 513295
 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: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF101879.D

Acq: 3 Jan 2018 23:52

Instrument :

BNA_F

ClientSampleId :

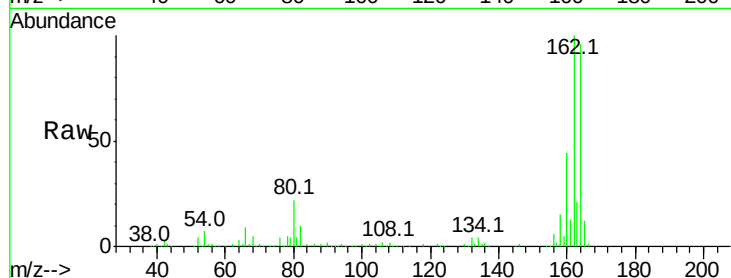
Tot Ion:164 Resp: 150350

Ion Ratio Lower Upper

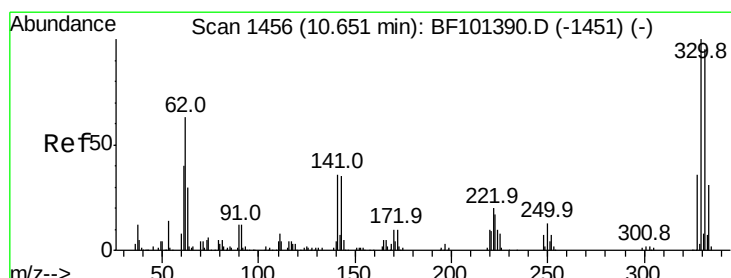
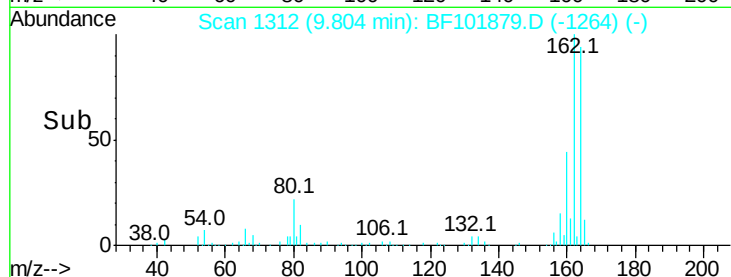
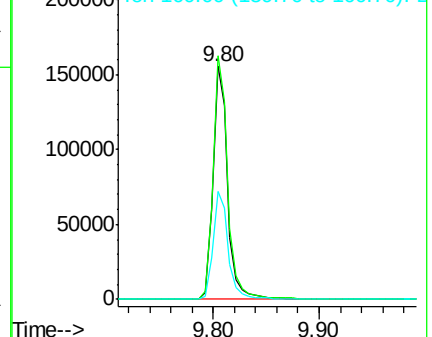
164 100

162 104.5 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: 84.072 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF101879.D

Acq: 3 Jan 2018 23:52

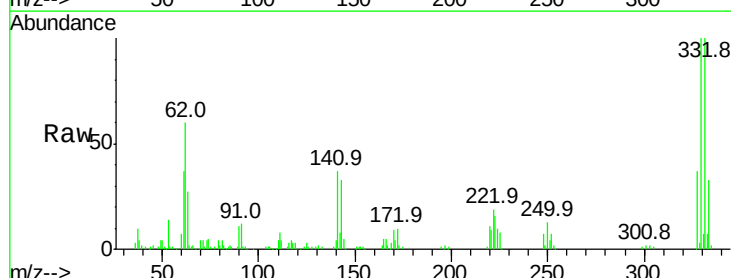
Tgt Ion:330 Resp: 121799

Ion Ratio Lower Upper

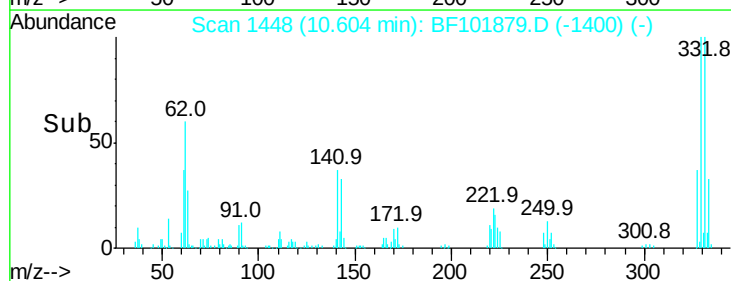
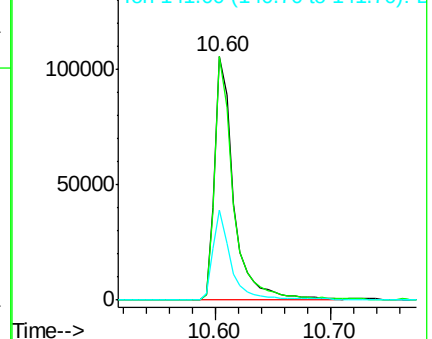
330 100

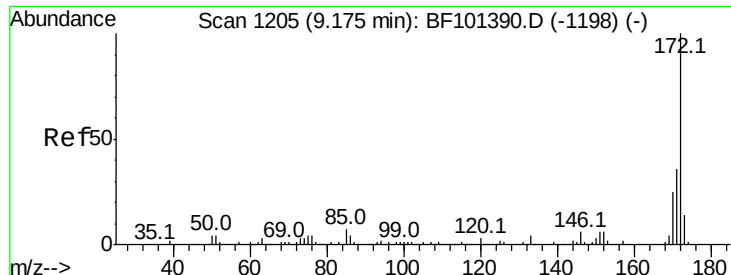
332 98.4 77.0 115.6

141 34.9 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

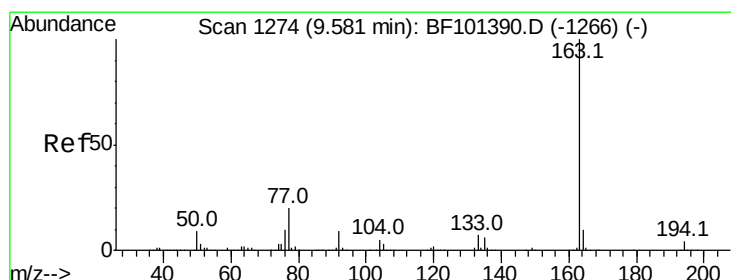
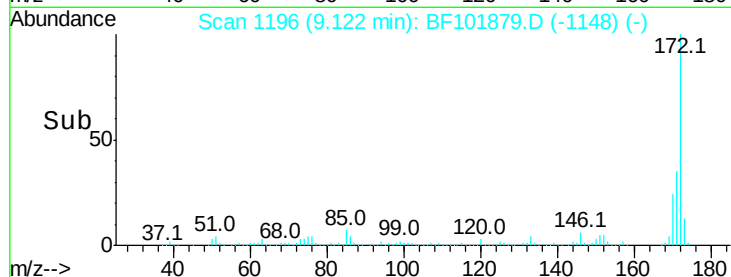
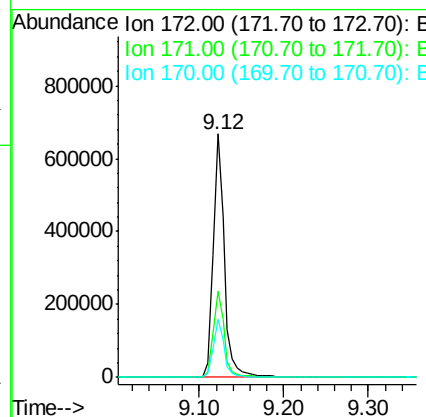
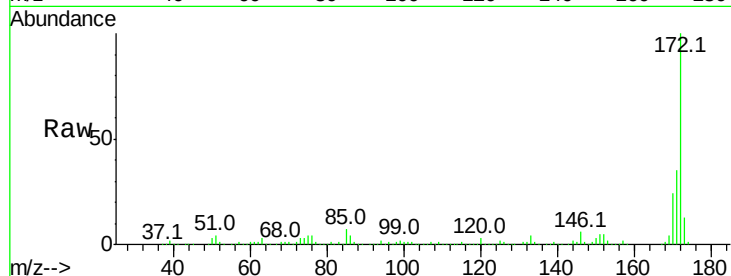




#44
2-Fluorobiphenyl
Concen: 64.287 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101879.D
Acq: 3 Jan 2018 23:52

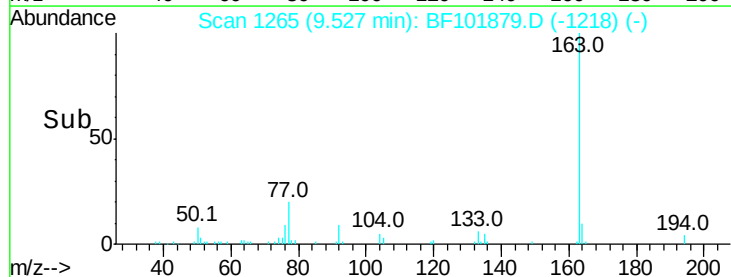
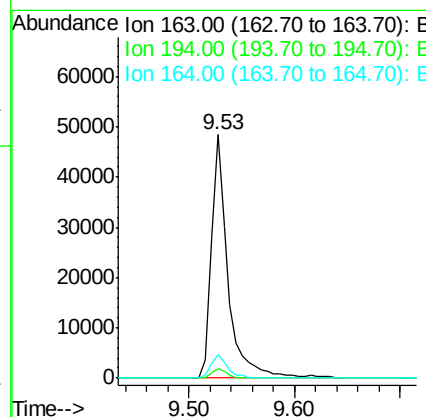
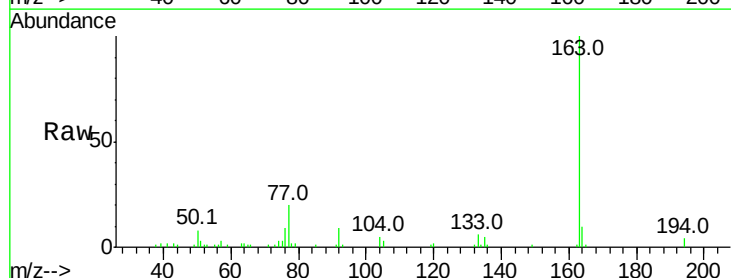
Instrument :
BNA_F
ClientSampleId :

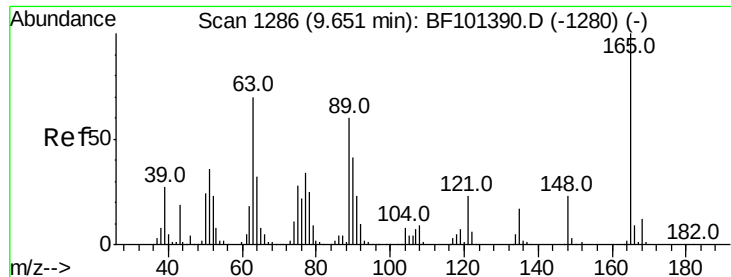
Tot Ion:172 Resp: 623087
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 4.365 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101879.D
Acq: 3 Jan 2018 23:52

Tgt Ion:163 Resp: 52785
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 8.2 12.2





#50

2,6-Dinitrotoluene

Concen: 7.409 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.18 min

Lab File: BF101879.D

Acq: 3 Jan 2018 23:52

Instrument :

BNA_F

ClientSampled :

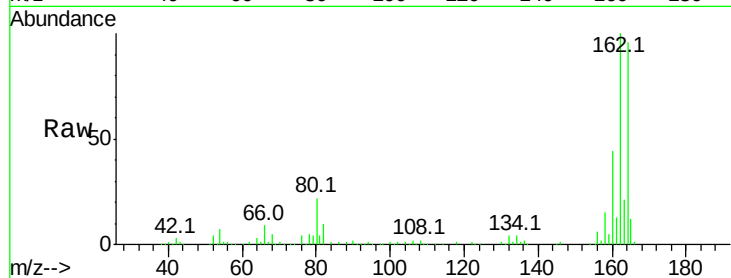
Tot Ion:165 Resp: 18211

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

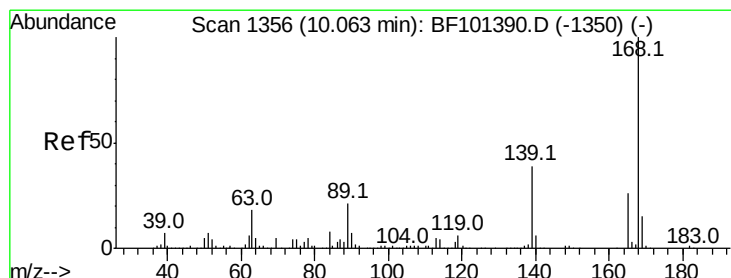
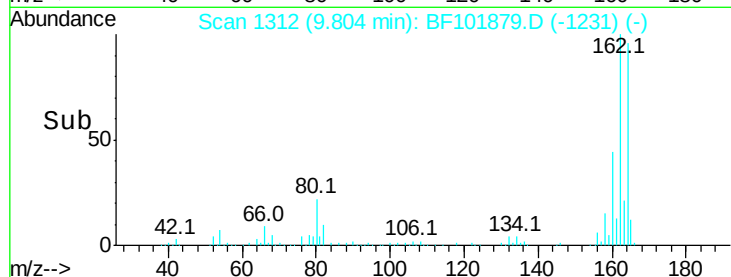
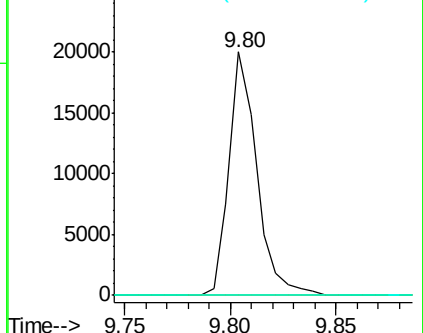
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.576 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.24 min

Lab File: BF101879.D

Acq: 3 Jan 2018 23:52

Tgt Ion:165 Resp: 18211

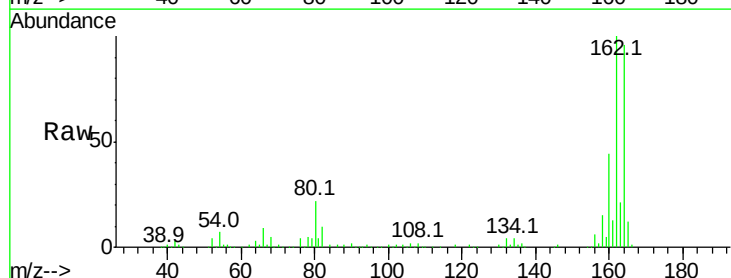
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

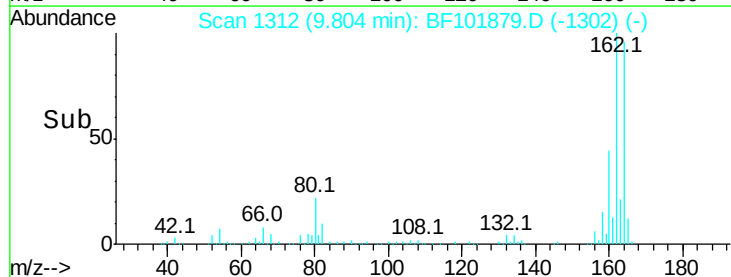
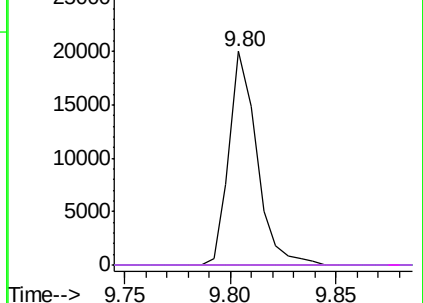


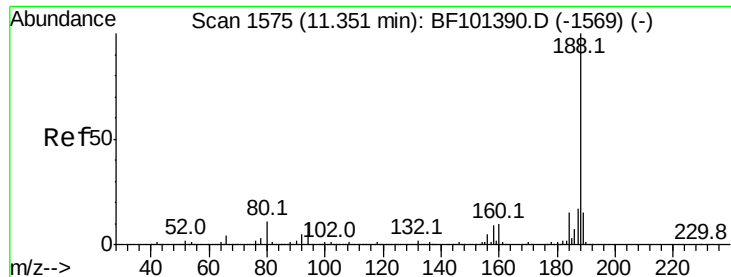
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

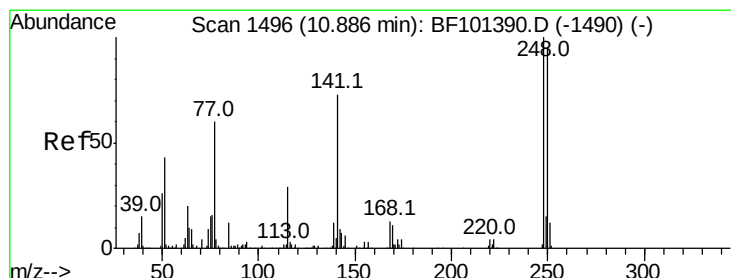
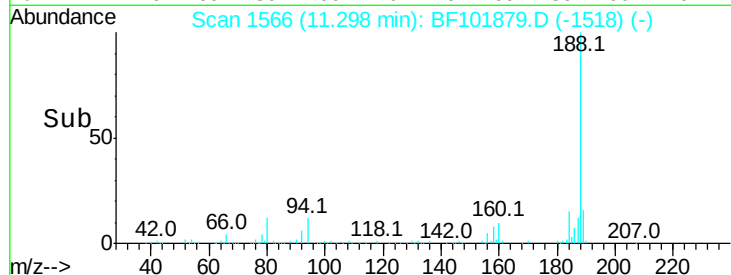
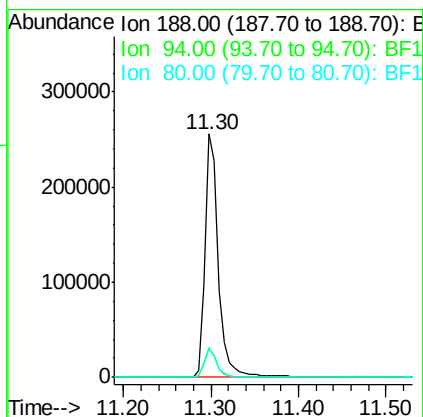
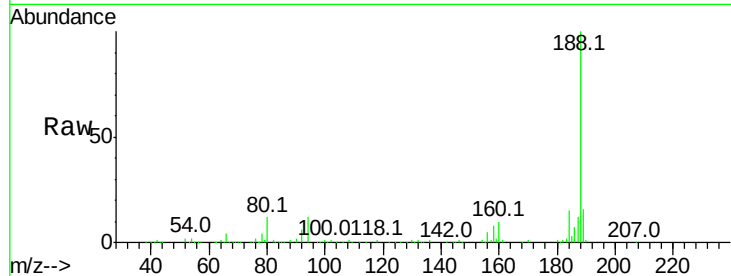




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF101879.D
 Acq: 3 Jan 2018 23:52

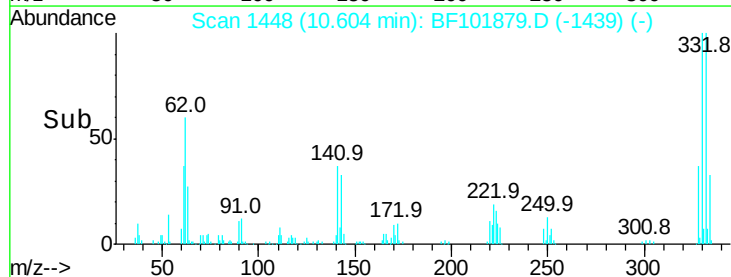
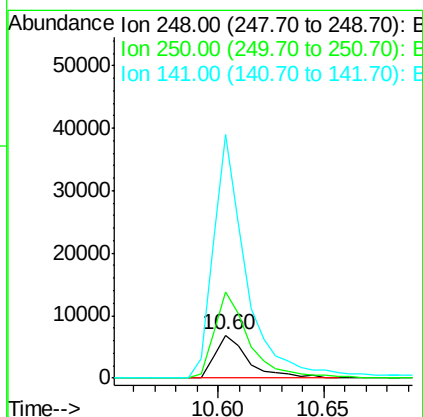
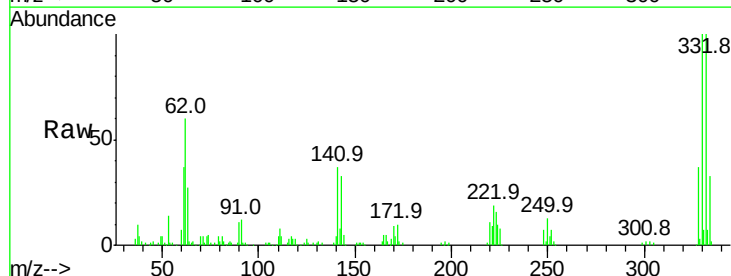
Instrument :
 BNA_F
 ClientSampleId :

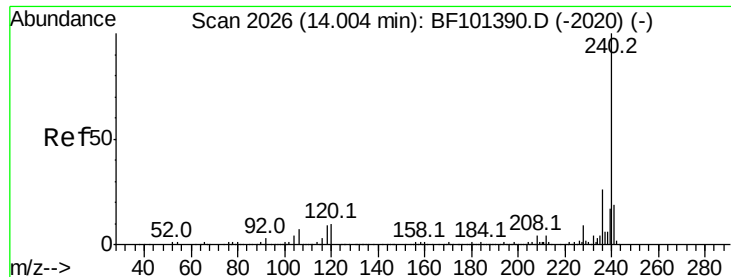
Tot Ion:188 Resp: 271584
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.5 12.7
 80 12.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.481 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF101879.D
 Acq: 3 Jan 2018 23:52

Tgt Ion:248 Resp: 7572
 Ion Ratio Lower Upper
 248 100
 250 199.4 76.9 115.3#
 141 564.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF101879.D

Acq: 3 Jan 2018 23:52

Instrument :

BNA_F

ClientSampleId :

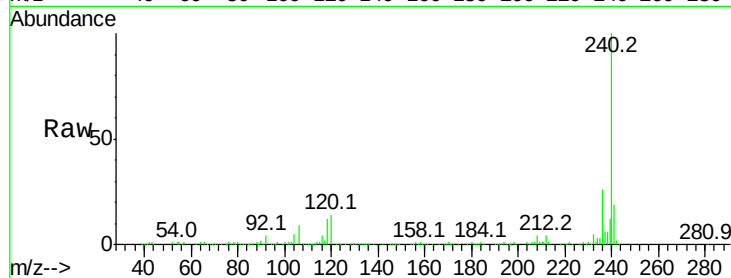
Tot Ion:240 Resp: 266127

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

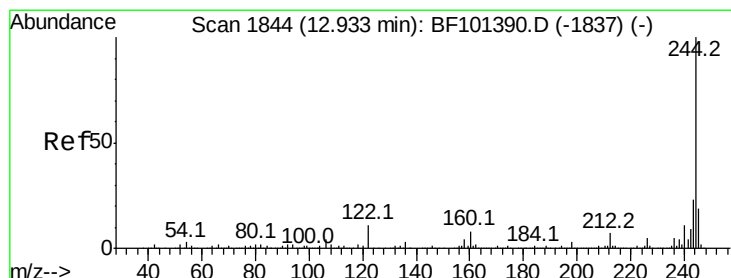
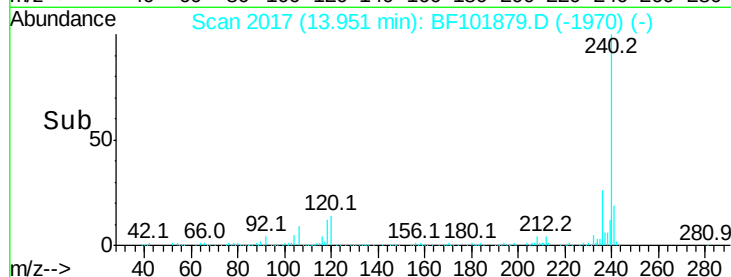
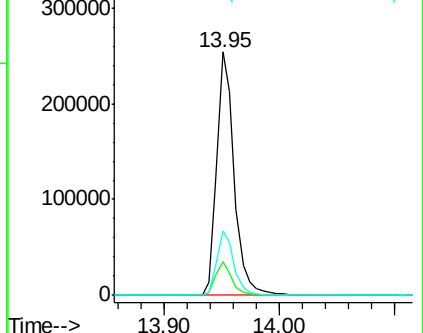
236 26.5 20.7 31.1



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: 51.032 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF101879.D

Acq: 3 Jan 2018 23:52

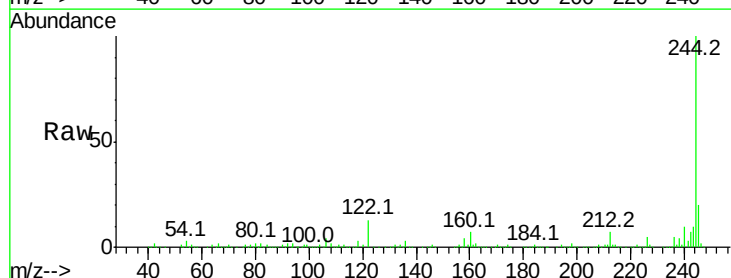
Tgt Ion:244 Resp: 563351

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

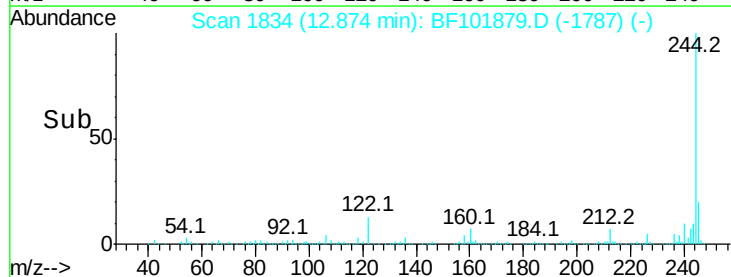
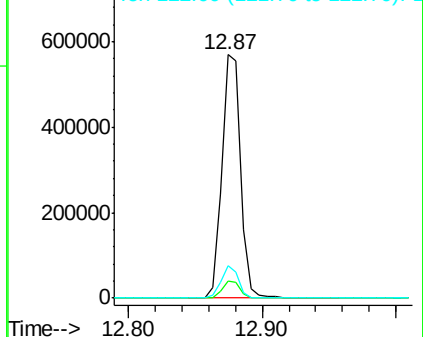
122 13.1 11.0 16.4

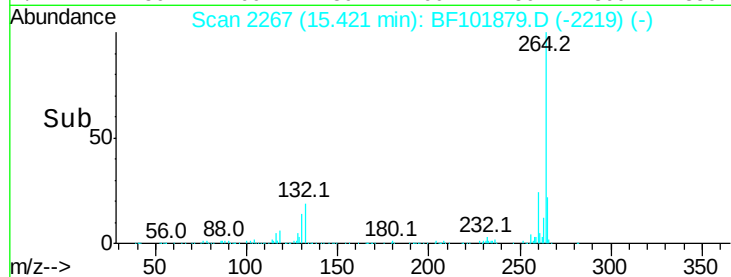
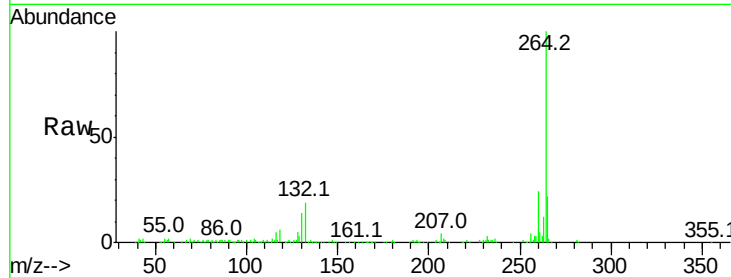
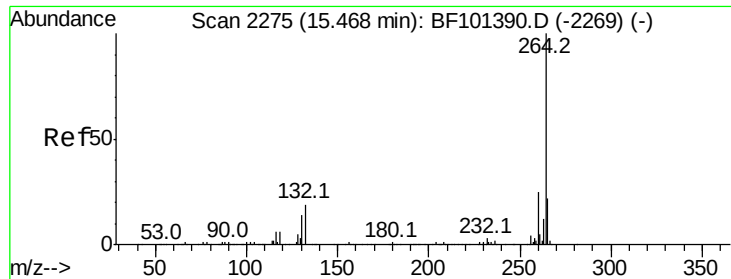


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF101879.D
Acq: 3 Jan 2018 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	201939
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

