

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101379.D
 Acq On : 13 Dec 2017 22:28
 Operator : SJ/JU
 Sample : I6816-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 01:09:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

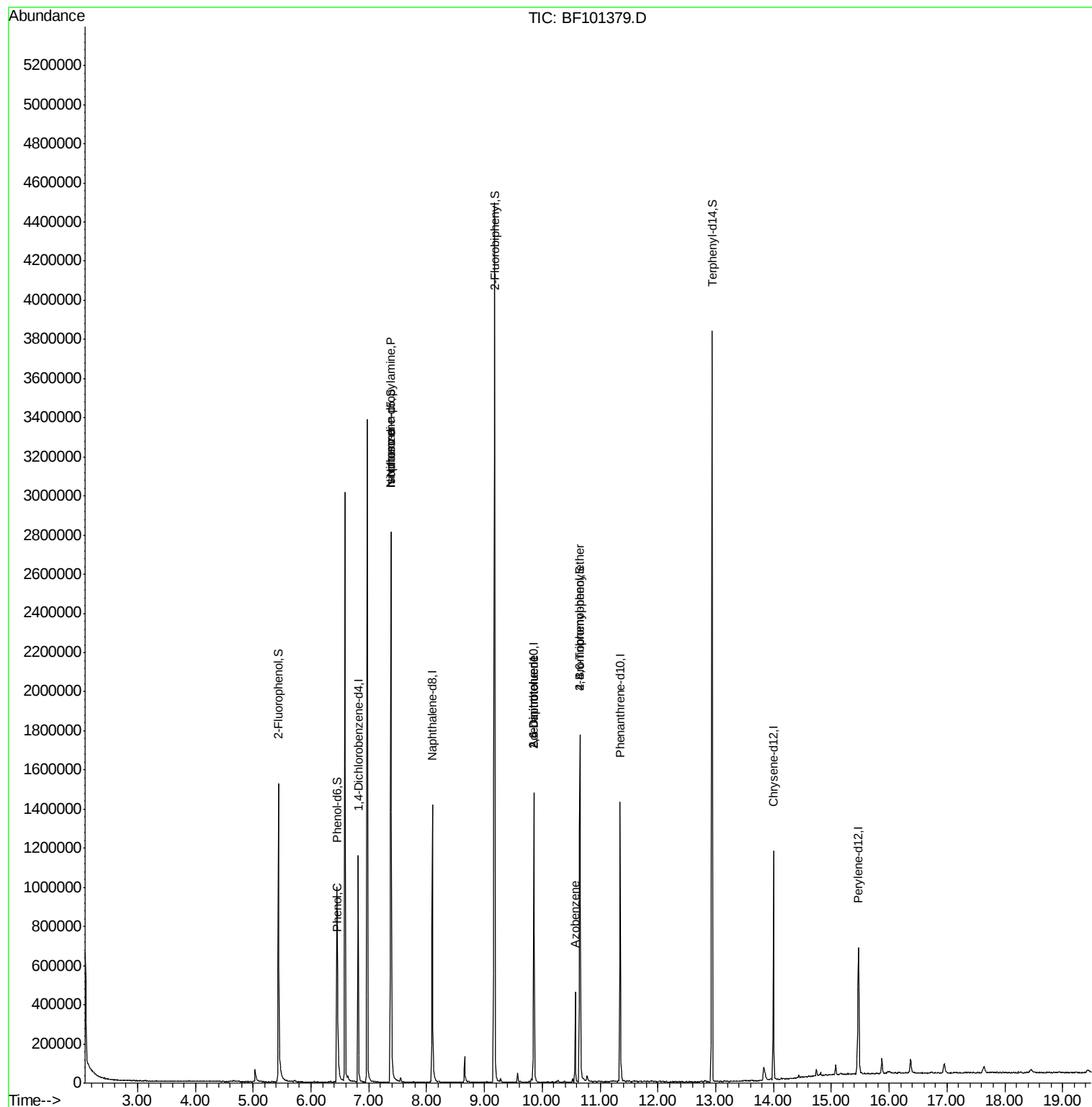
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	165780	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	678981	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	301514	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	561755	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	379959	20.00	ng	0.00
86) Perylene-d12	15.47	264	313091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	505596	50.40	ng	0.00
7) Phenol-d6	6.45	99	394708	32.41	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1066919	93.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	215282	59.44	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1733512	78.66	ng	-0.01
78) Terphenyl-d14	12.94	244	1508175	86.82	ng	0.00
Target Compounds						
10) Phenol	6.46	94	36186	2.672	ng	85
19) n-Nitroso-di-n-propylamine	7.39	70	144537	17.620	ng	# 84
25) Isophorone	7.39	82	1066911	54.877	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	38787	7.573	ng	# 26
56) 2,4-Dinitrotoluene	9.86	165	38787	5.651	ng	# 24
62) Azobenzene	10.57	77	84072	4.130	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	13979	2.223	ng	# 1

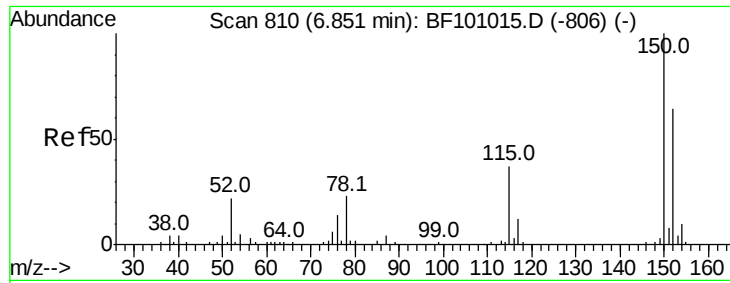
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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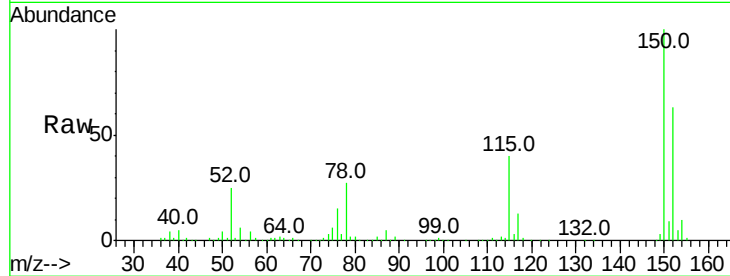


#1

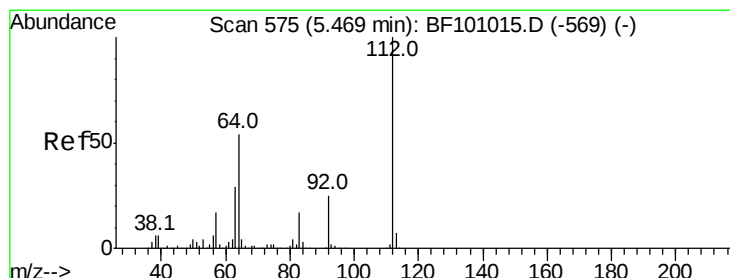
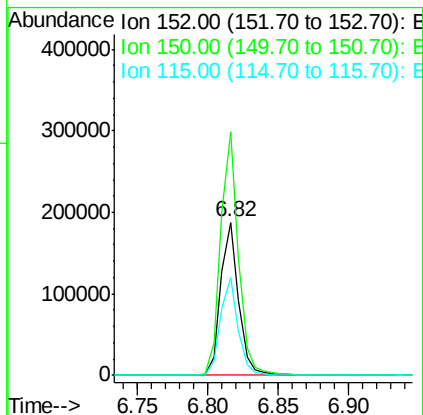
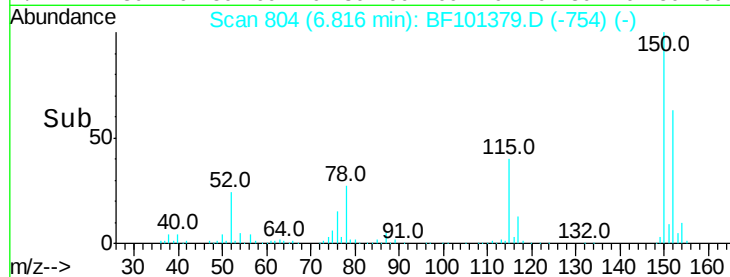
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101379.D
Acq: 13 Dec 2017 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165780
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 64.0 50.1 75.1



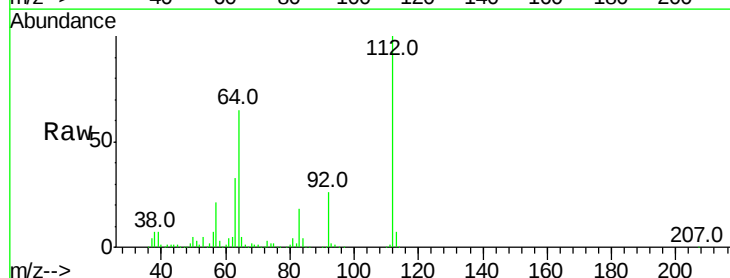
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



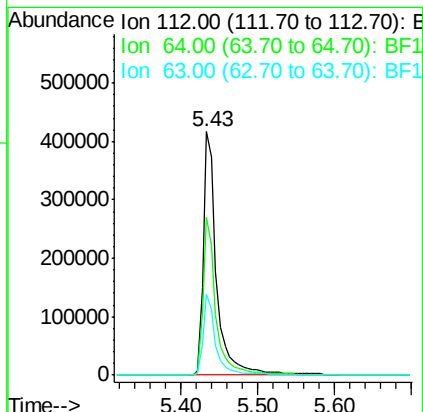
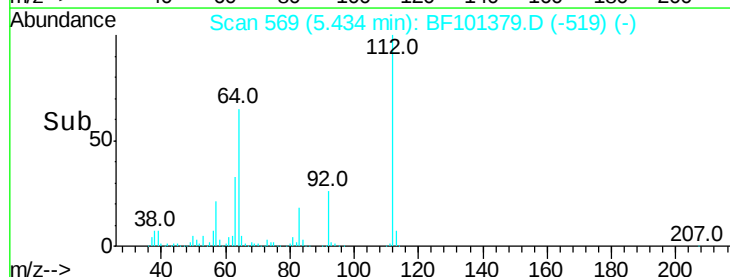
#5

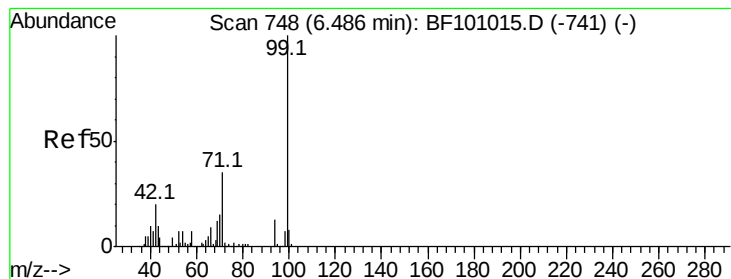
2-Fluorophenol
Concen: 50.396 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101379.D
Acq: 13 Dec 2017 22:28

Tgt Ion:112 Resp: 505596
Ion Ratio Lower Upper
112 100
64 65.0 47.9 71.9
63 33.0 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: 32.405 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101379.D

Acq: 13 Dec 2017 22:28

Instrument :

BNA_F

ClientSampleId :

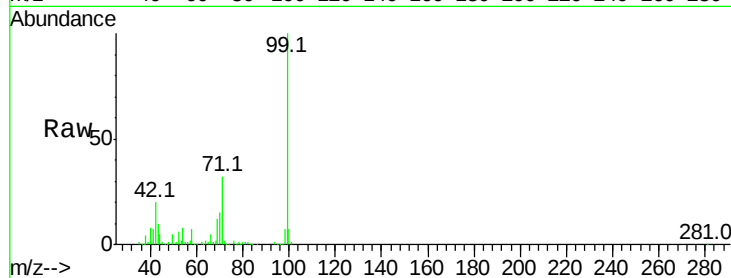
Tot Ion: 99 Resp: 394708

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

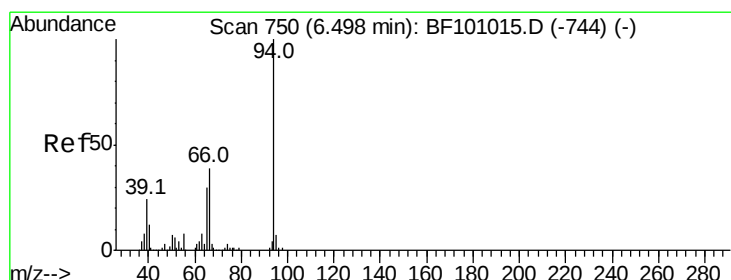
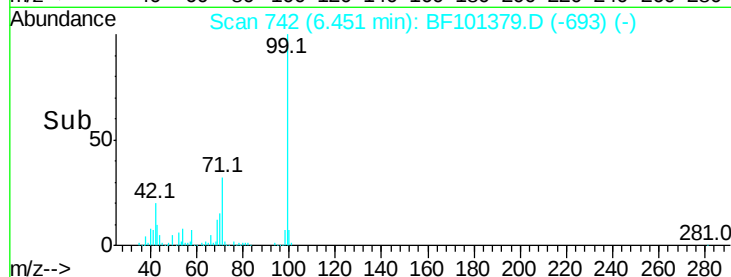
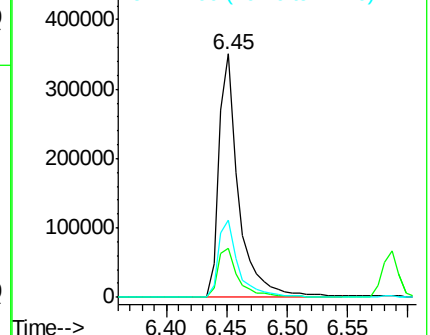
71 31.9 25.4 38.0



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: 2.672 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF101379.D

Acq: 13 Dec 2017 22:28

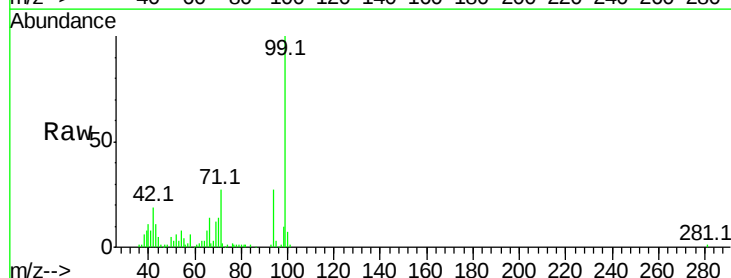
Tgt Ion: 94 Resp: 36186

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

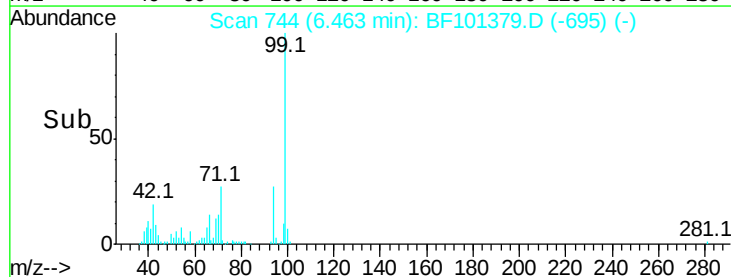
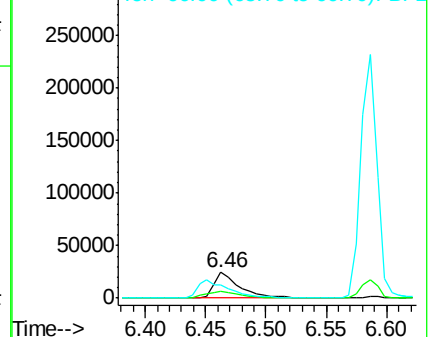
66 51.2 16.2 56.2



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

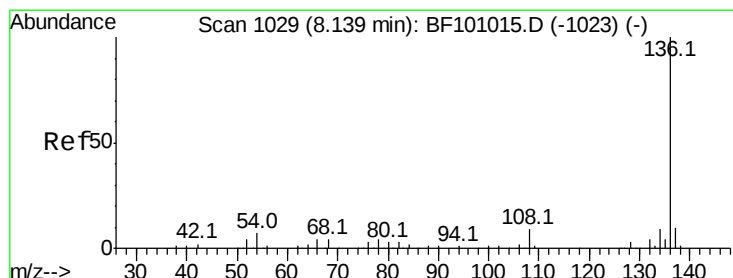
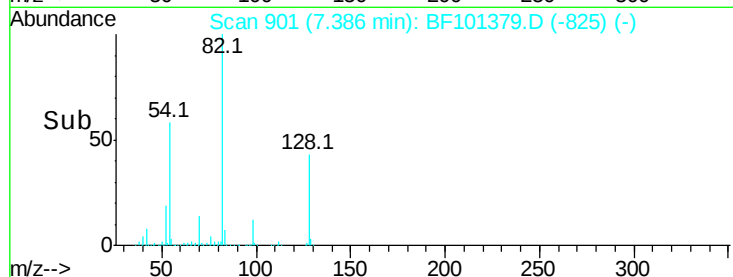
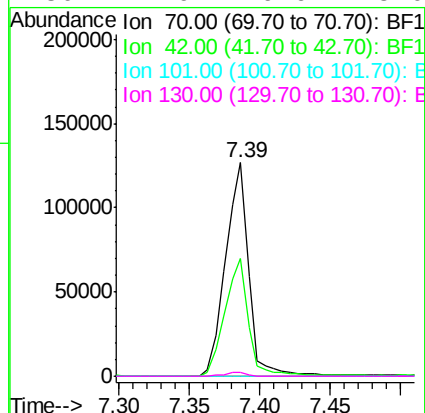
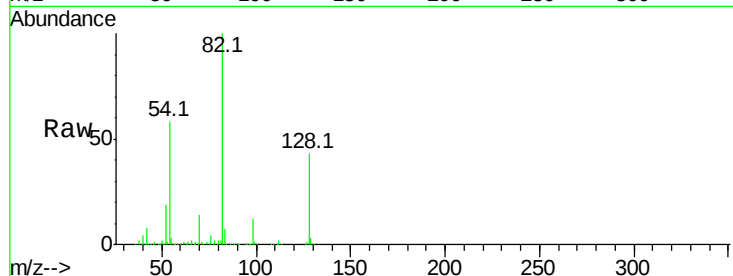




#19
n-Nitroso-di-n-propylamine
Concen: 17.620 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101379.D
Acq: 13 Dec 2017 22:28

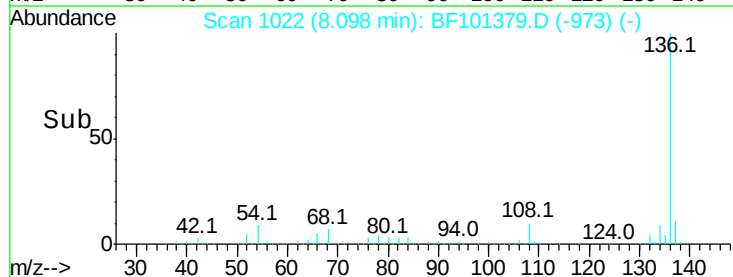
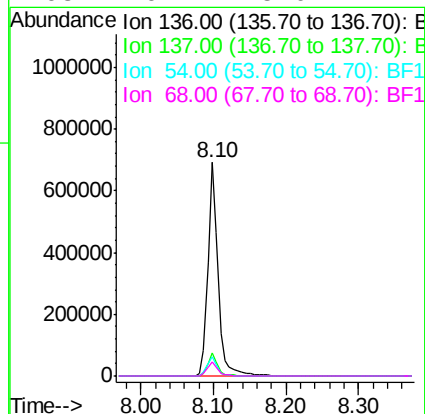
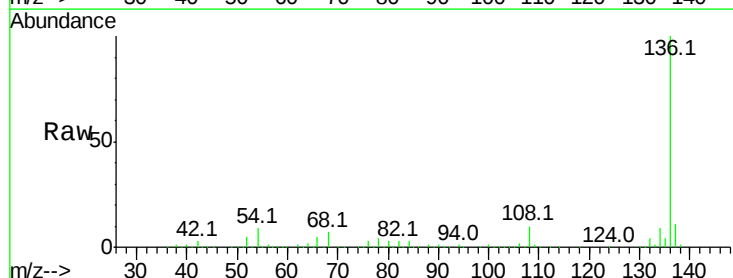
Instrument :
BNA_F
ClientSampleId :

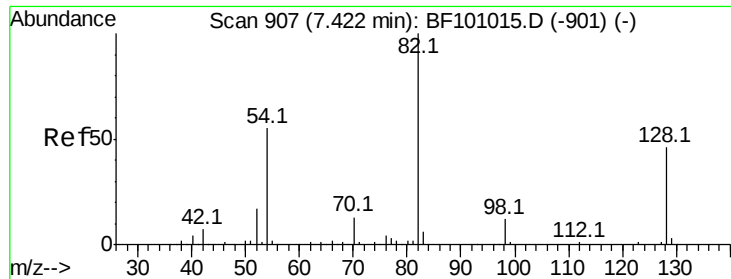
Tot Ion: 70 Resp: 144537
Ion Ratio Lower Upper
70 100
42 55.3 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF101379.D
Acq: 13 Dec 2017 22:28

Tgt Ion:136 Resp: 678981
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.3 6.6 9.8
68 6.7 5.0 7.4

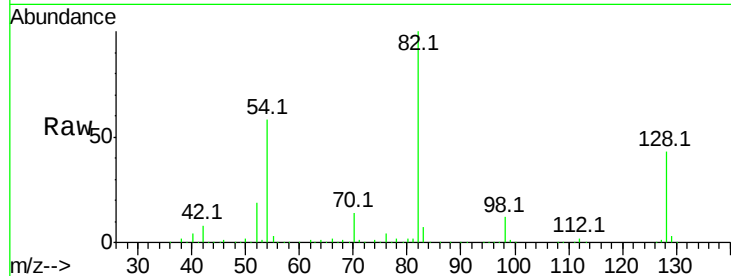




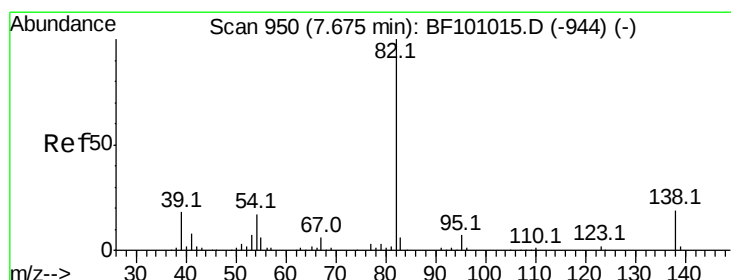
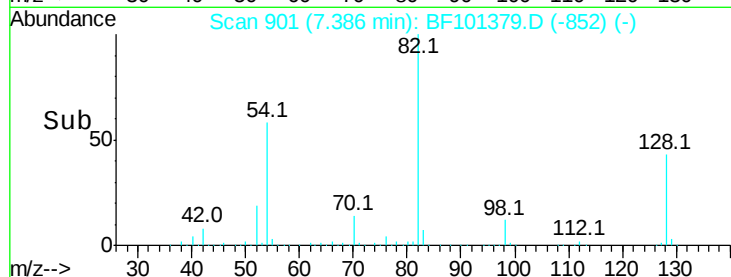
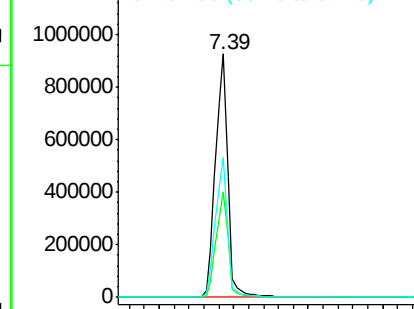
#23
Nitrobenzene-d5
Concen: 93.736 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101379.D
Acq: 13 Dec 2017 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1066919
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 57.5 41.4 62.2

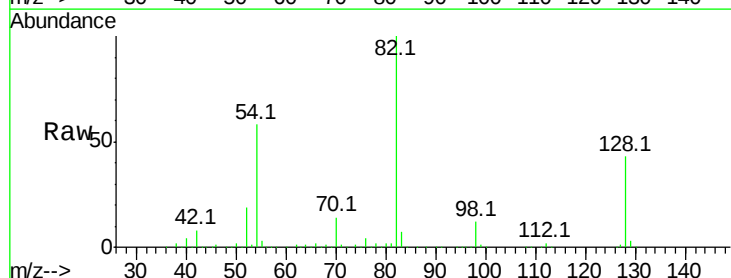


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

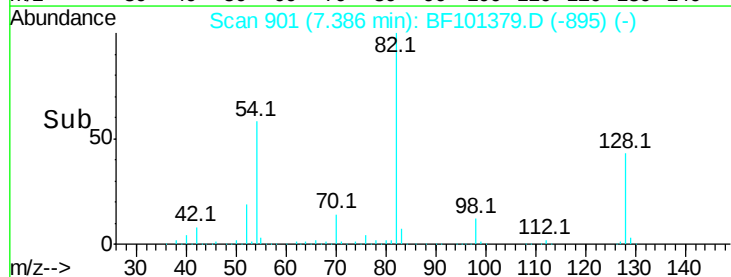
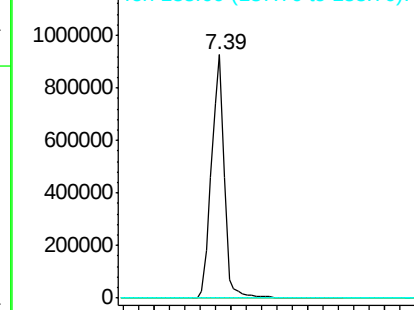


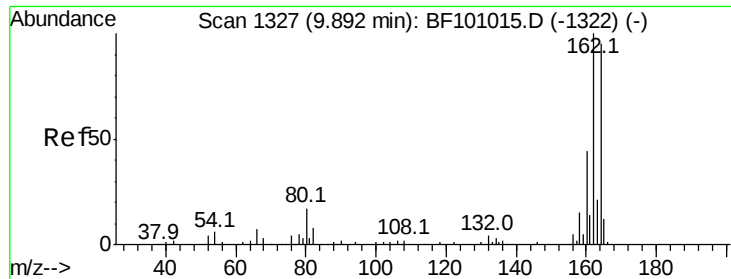
#25
Isophorone
Concen: 54.877 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101379.D
Acq: 13 Dec 2017 22:28

Tgt Ion: 82 Resp: 1066911
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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF101379.D

Acq: 13 Dec 2017 22:28

Instrument :

BNA_F

ClientSampleId :

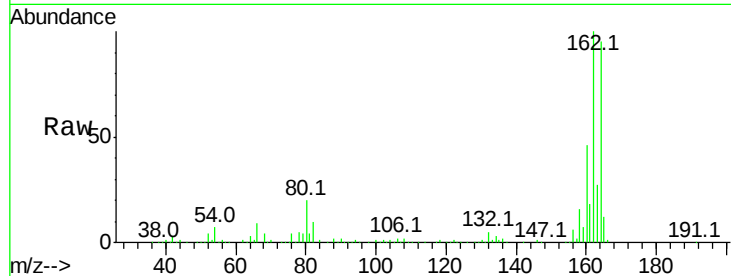
Tot Ion:164 Resp: 301514

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

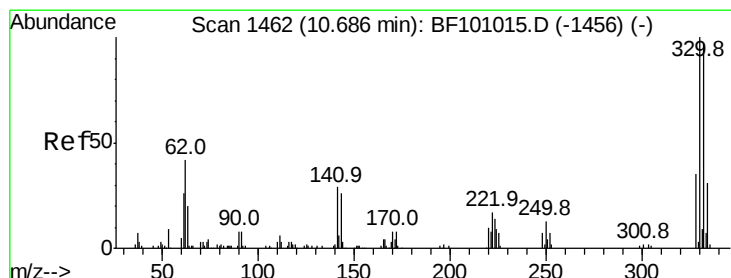
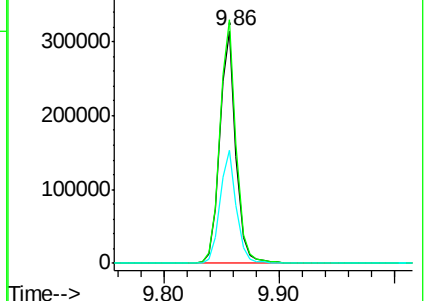
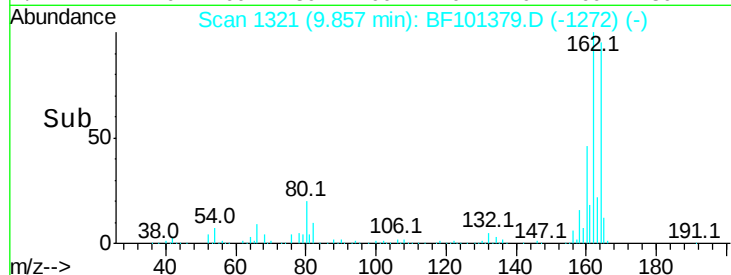
160 48.4 38.3 57.5



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: 59.437 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF101379.D

Acq: 13 Dec 2017 22:28

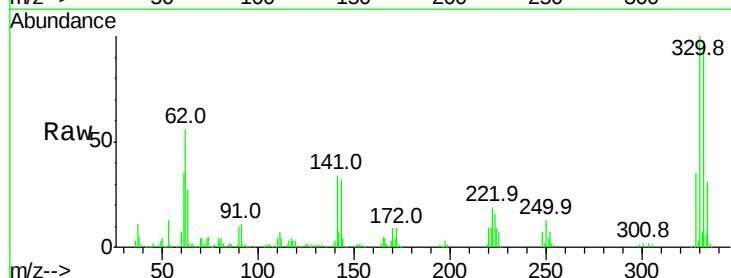
Tgt Ion:330 Resp: 215282

Ion Ratio Lower Upper

330 100

332 93.4 77.0 115.6

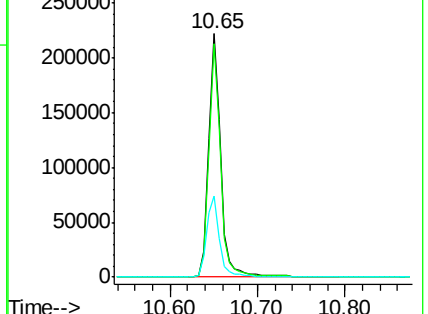
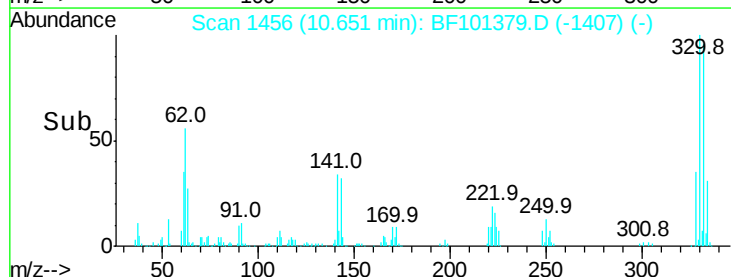
141 35.5 29.9 44.9

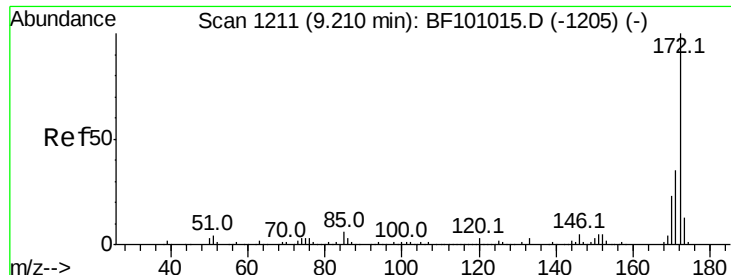


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

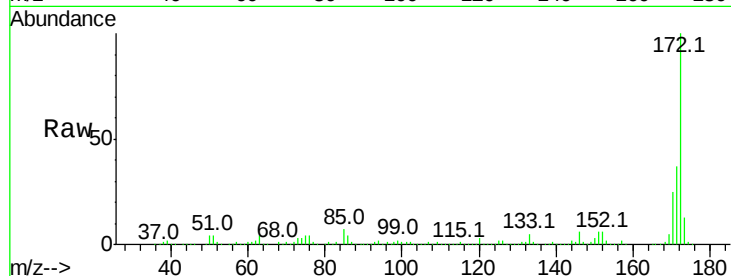




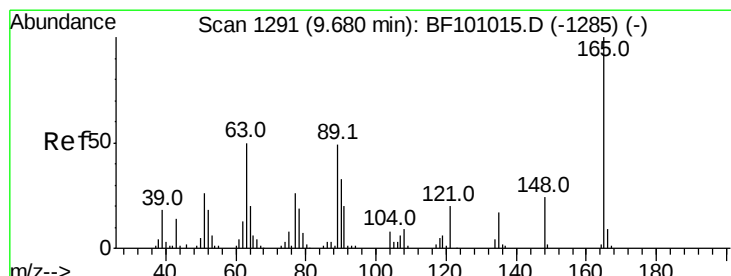
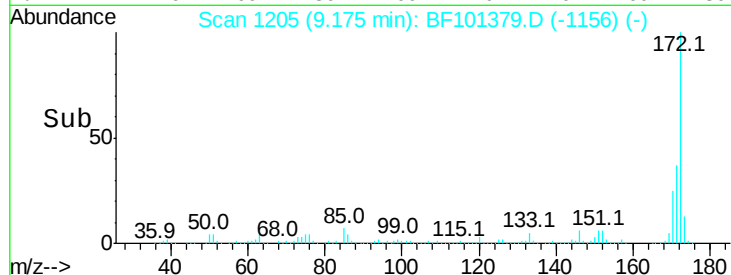
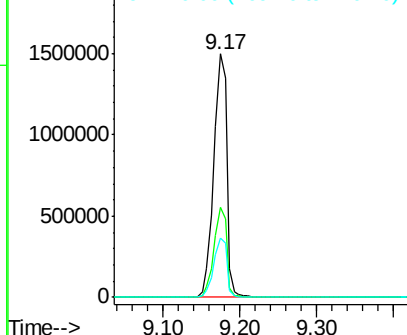
#44
 2-Fluorobiphenyl
 Concen: 78.663 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101379.D
 Acq: 13 Dec 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1733512
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.6 19.6 29.4

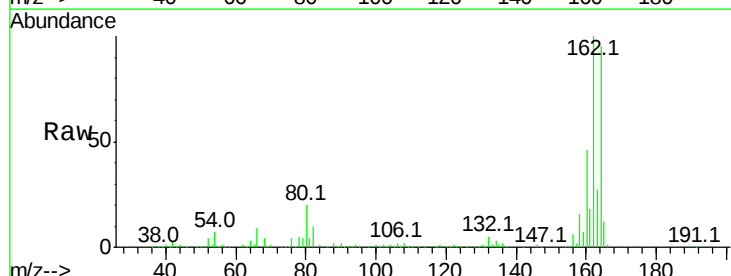


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

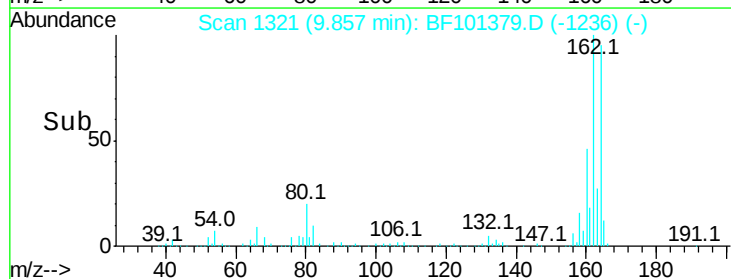
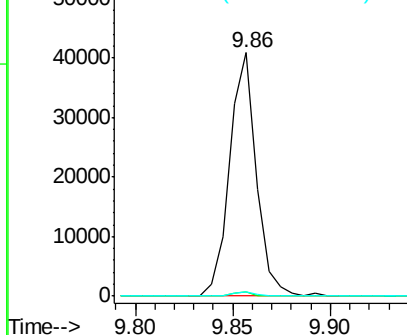


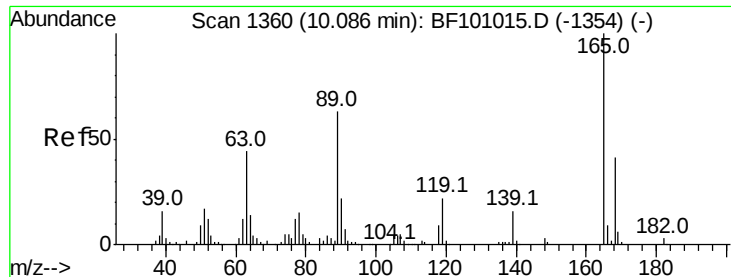
#50
 2,6-Dinitrotoluene
 Concen: 7.573 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF101379.D
 Acq: 13 Dec 2017 22:28

Tgt Ion:165 Resp: 38787
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.7 67.1#
 89 1.6 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

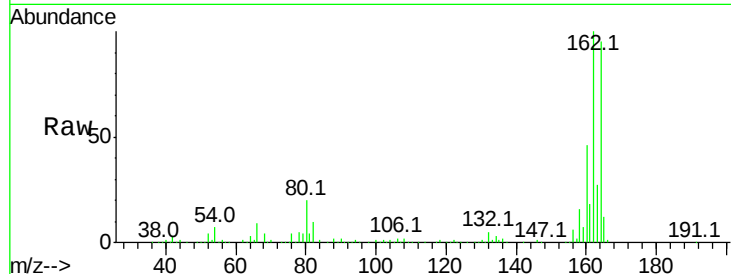




#56
 2,4-Dinitrotoluene
 Concen: 5.651 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.21 min
 Lab File: BF101379.D
 Acq: 13 Dec 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :

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

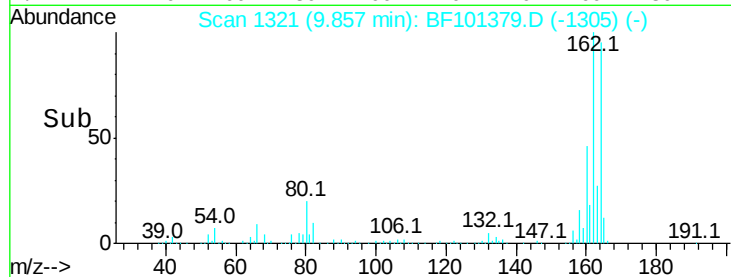
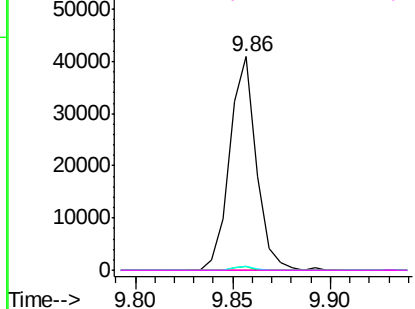


Abundance Ion 165.00 (164.70 to 165.70): E

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



#62
 Azobenzene
 Concen: 4.130 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF101379.D
 Acq: 13 Dec 2017 22:28

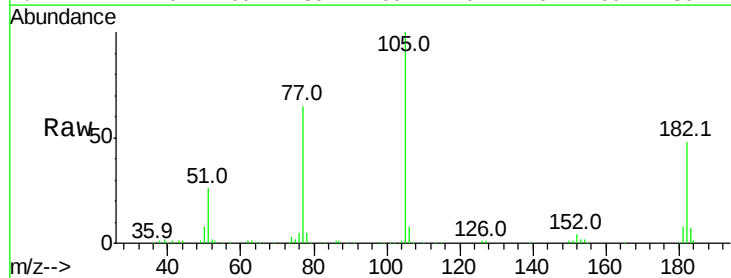
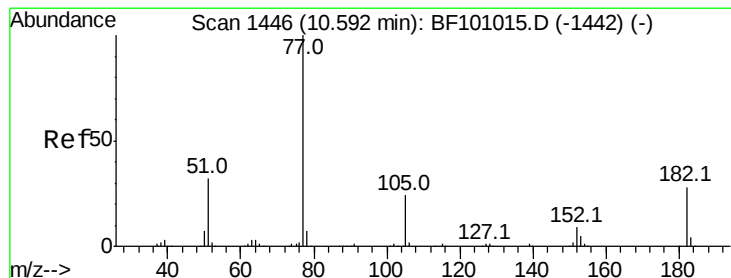
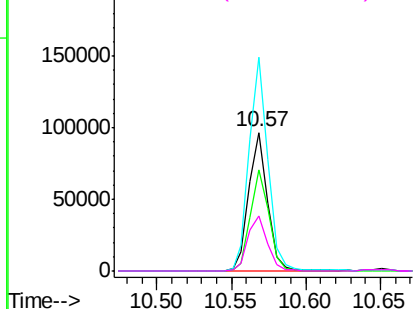
Tgt Ion	Ratio	Lower	Upper
77	100		
182	73.1	1.7	41.7#
105	153.9	3.0	43.0#
51	40.1	9.9	49.9

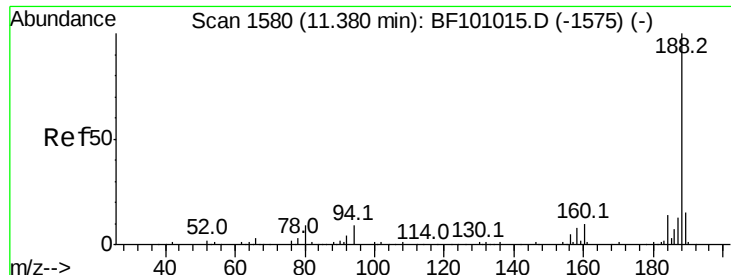
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

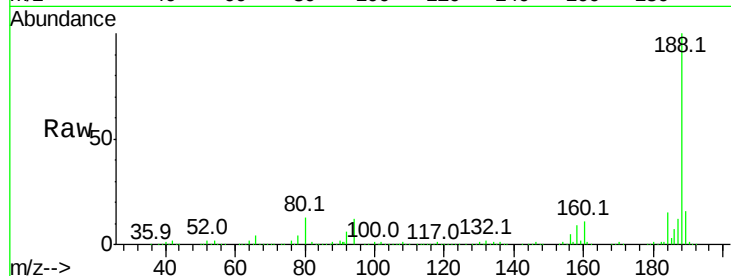




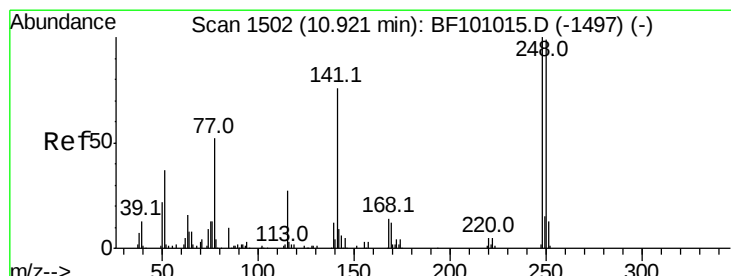
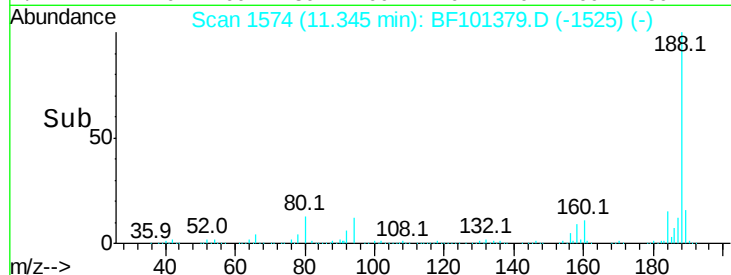
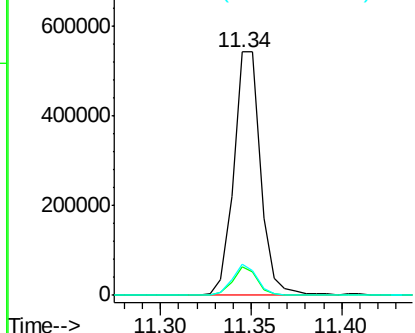
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF101379.D
 Acq: 13 Dec 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 561755
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.9 9.2 13.8

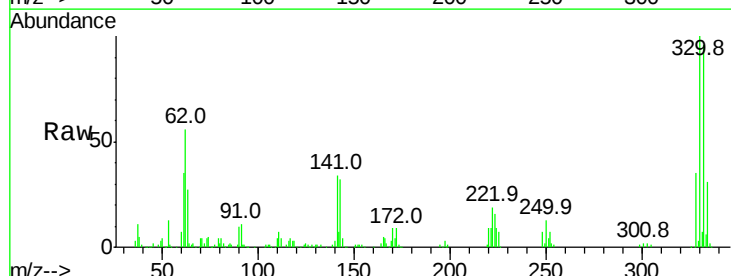


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

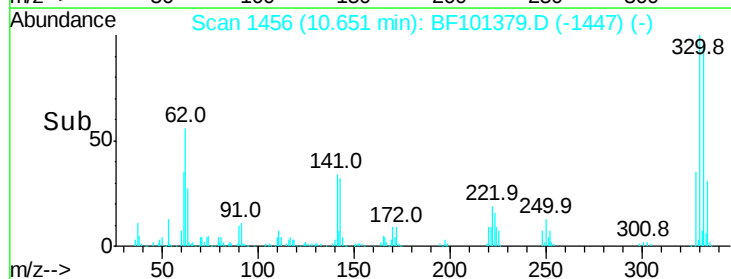
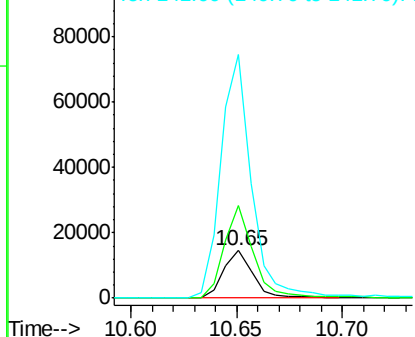


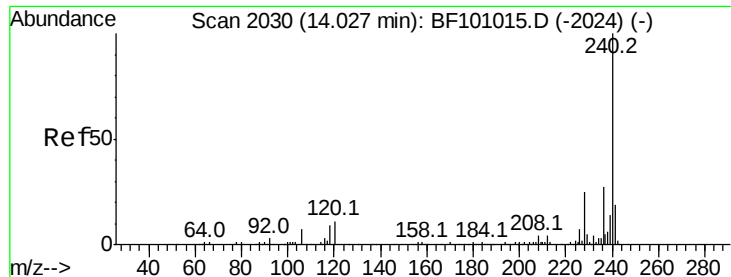
#66
 4-Bromophenyl-phenylether
 Concen: 2.223 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.25 min
 Lab File: BF101379.D
 Acq: 13 Dec 2017 22:28

Tgt Ion:248 Resp: 13979
 Ion Ratio Lower Upper
 248 100
 250 194.1 76.9 115.3#
 141 513.1 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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101379.D

Acq: 13 Dec 2017 22:28

Instrument :

BNA_F

ClientSampleId :

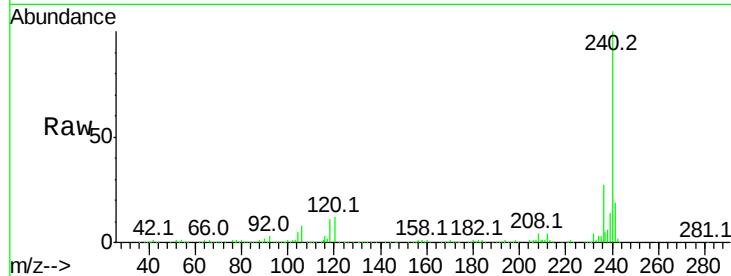
Tot Ion:240 Resp: 379959

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

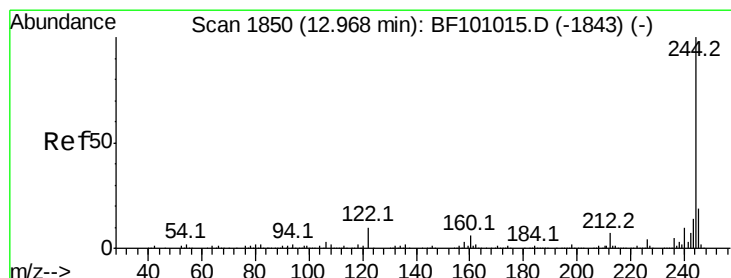
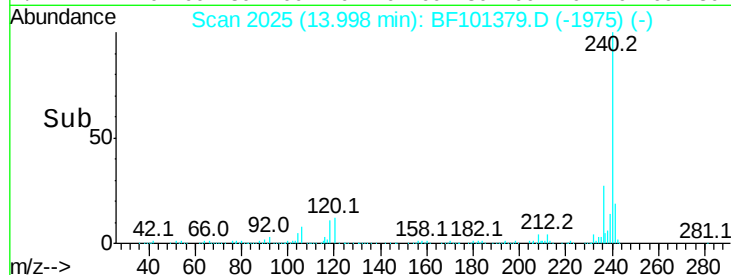
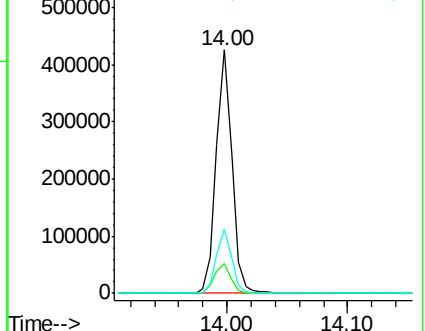
236 26.6 20.7 31.1



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: 86.819 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF101379.D

Acq: 13 Dec 2017 22:28

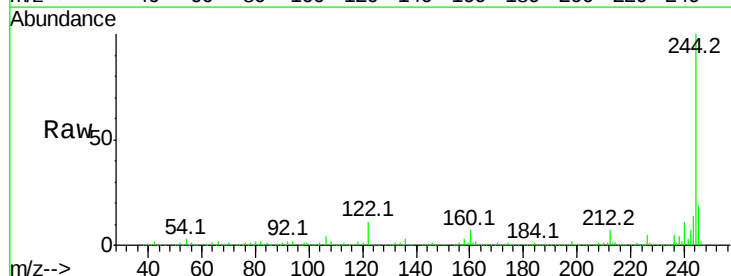
Tgt Ion:244 Resp: 1508175

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

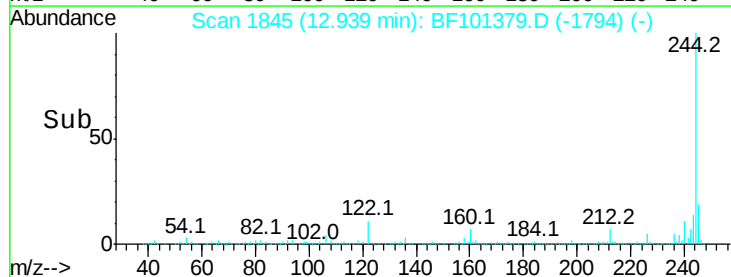
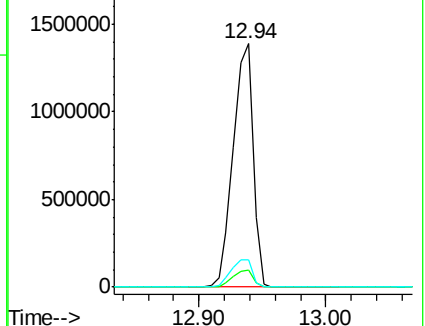
122 11.0 11.0 16.4

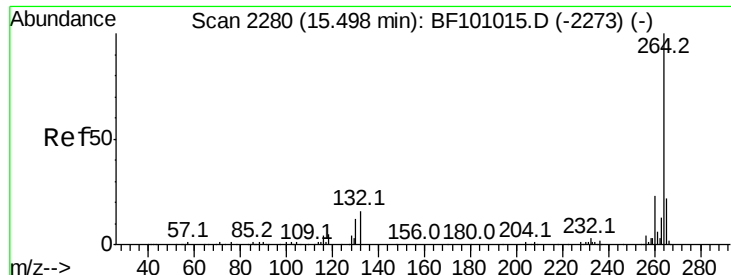


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

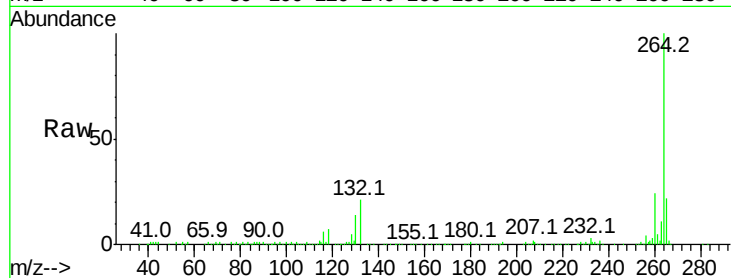




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BF101379.D
 Acq: 13 Dec 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	313091
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.4	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

