

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101384.D
 Acq On : 14 Dec 2017 00:42
 Operator : SJ/JU
 Sample : I6816-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 02:37:42 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

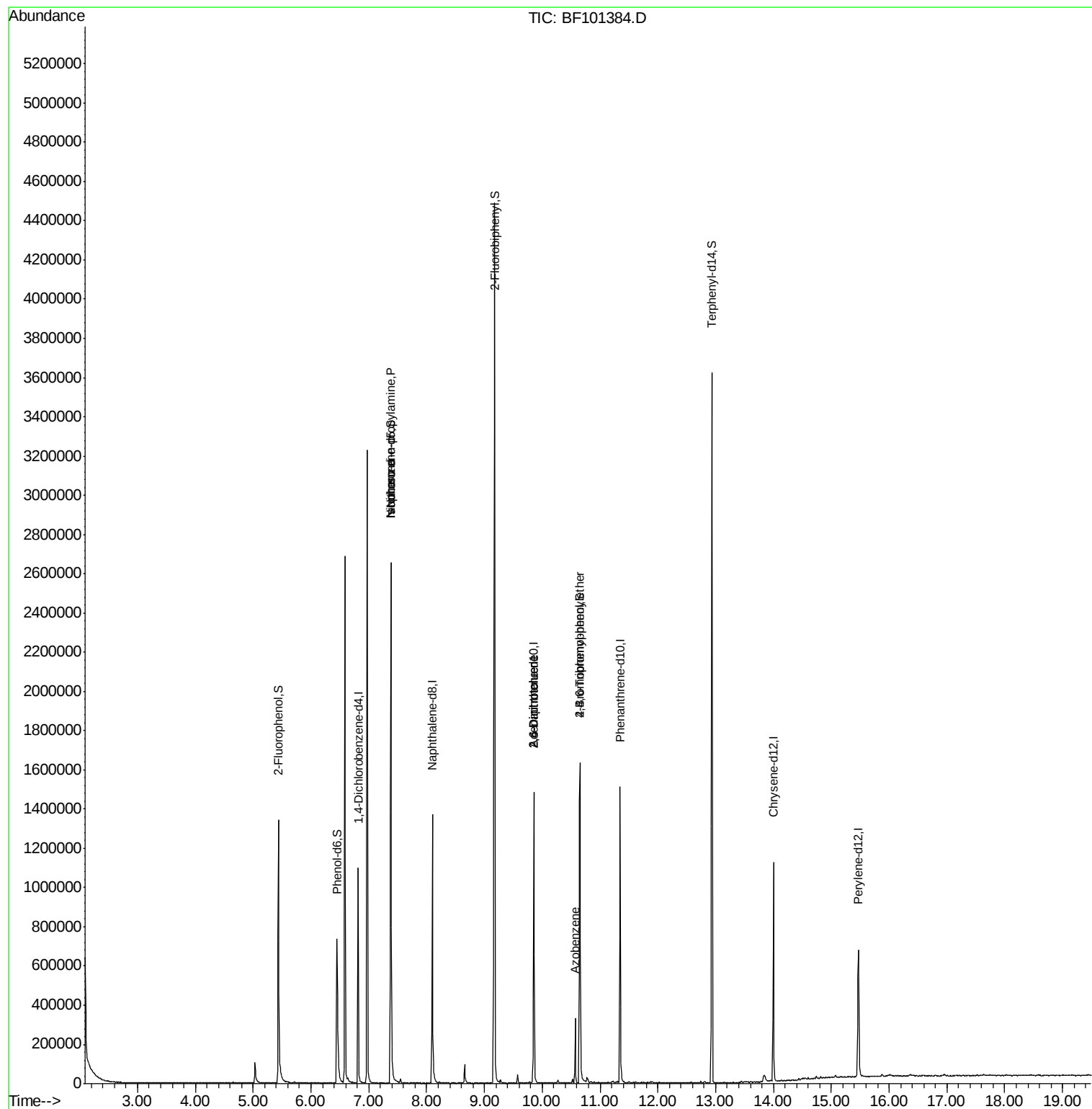
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	167892	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	684346	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	304722	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	567216	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	388884	20.00	ng	0.00
86) Perylene-d12	15.47	264	325217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	451138	44.40	ng	0.00
7) Phenol-d6	6.45	99	344252	27.91	ng	-0.01
23) Nitrobenzene-d5	7.39	82	989831	86.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	208711	57.02	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1610774	72.32	ng	-0.01
78) Terphenyl-d14	12.93	244	1416765	79.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	134683	16.212	ng	# 84
25) Isophorone	7.39	82	989823	50.512	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	39741	7.678	ng	# 26
56) 2,4-Dinitrotoluene	9.86	165	39741	5.729	ng	# 23
62) Azobenzene	10.57	77	60928	2.962	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	13356	2.104	ng	# 1

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

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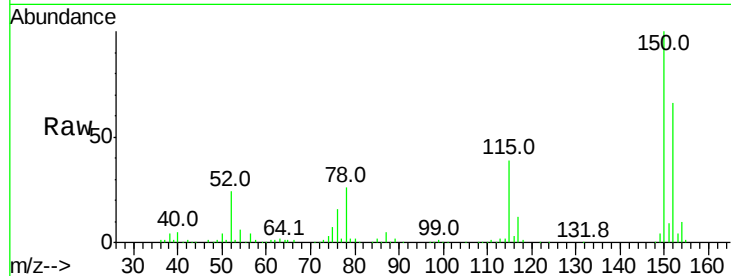


#1

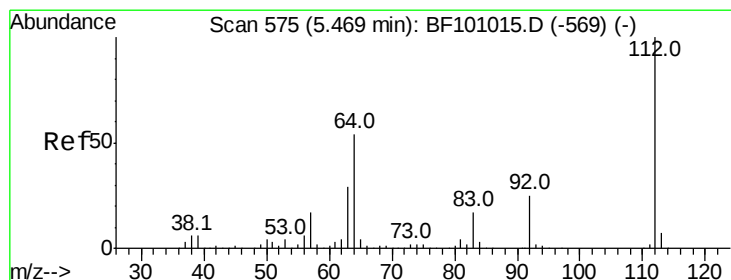
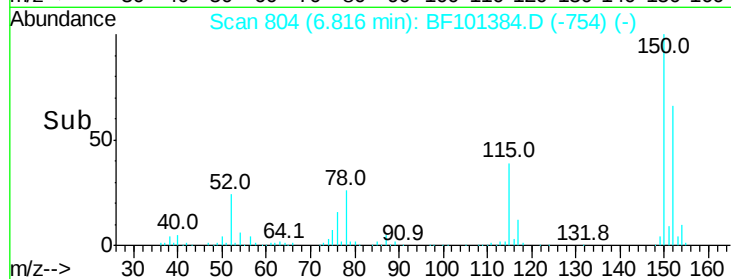
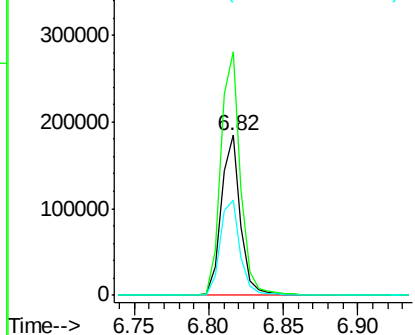
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167892
Ion Ratio Lower Upper
152 100
150 151.9 124.6 186.8
115 59.2 50.1 75.1



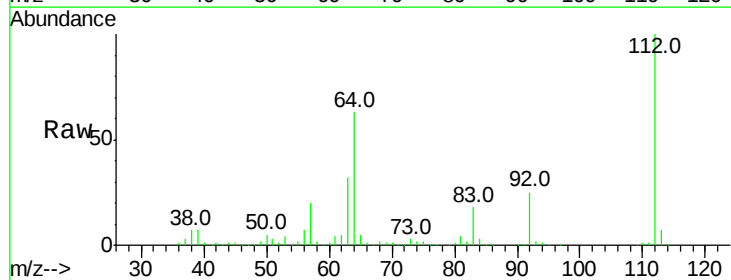
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



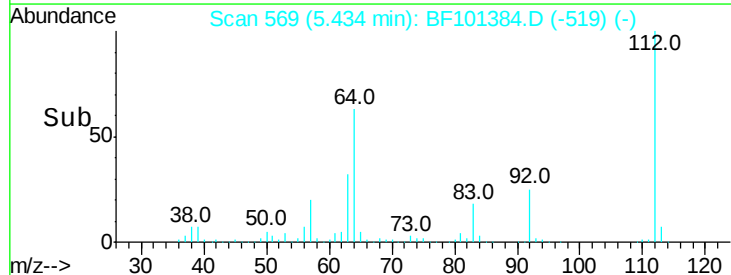
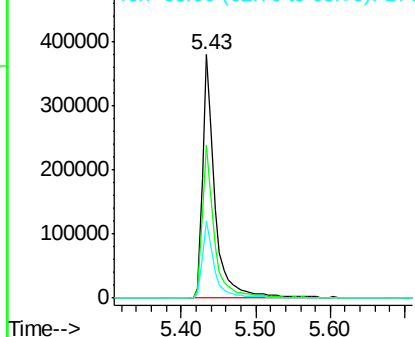
#5

2-Fluorophenol
Concen: 44.402 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion:112 Resp: 451138
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 31.8 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: 27.907 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101384.D

Acq: 14 Dec 2017 00:42

Instrument :

BNA_F

ClientSampleId :

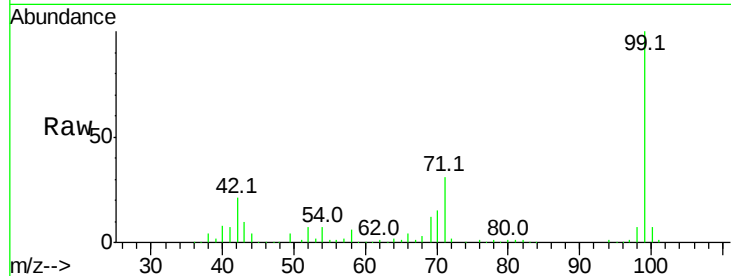
Tot Ion: 99 Resp: 344252

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

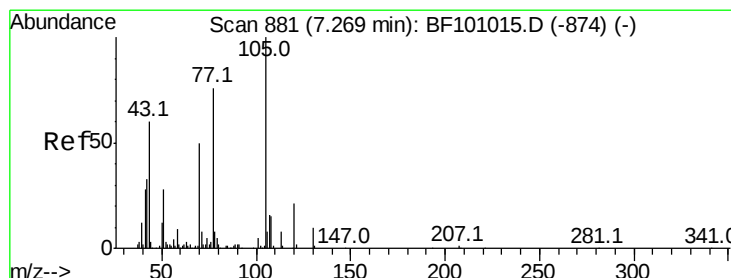
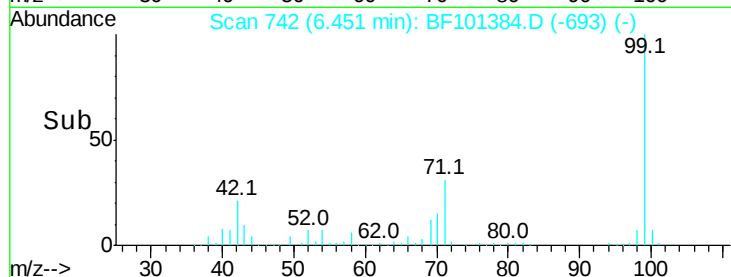
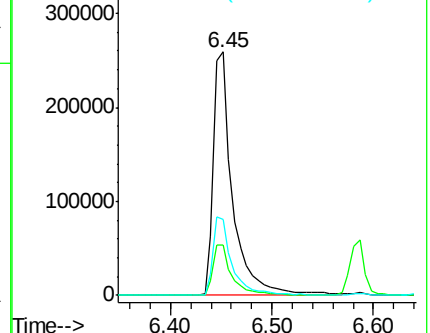
71 31.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.212 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101384.D

Acq: 14 Dec 2017 00:42

Tgt Ion: 70 Resp: 134683

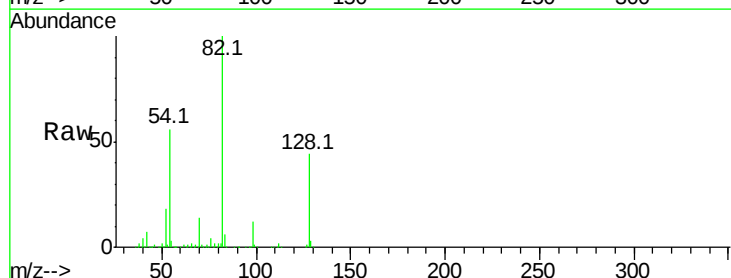
Ion Ratio Lower Upper

70 100

42 54.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

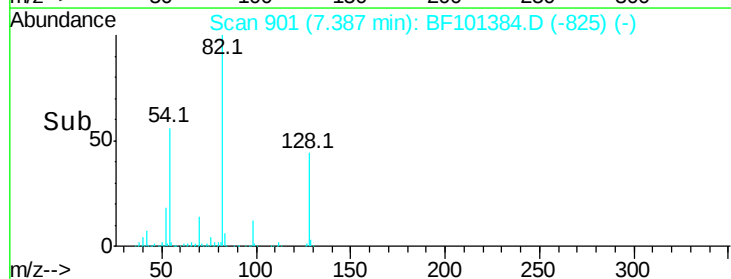
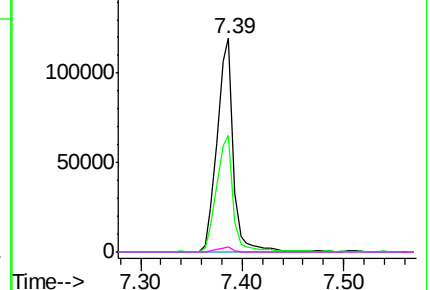


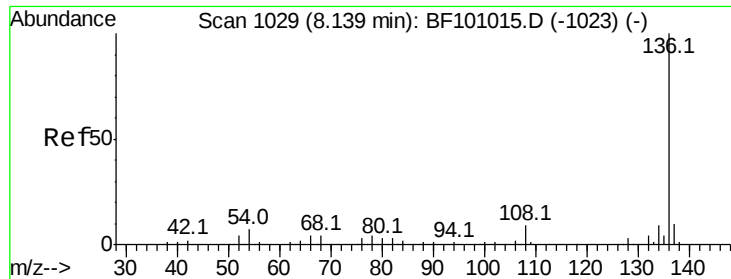
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

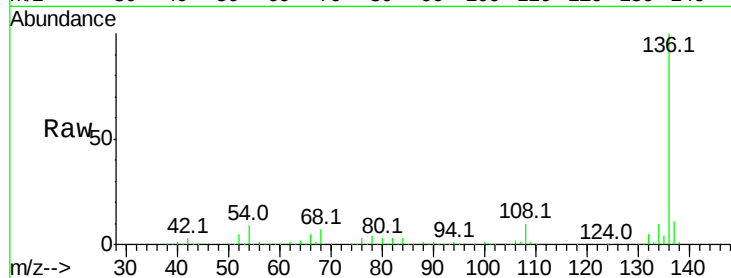




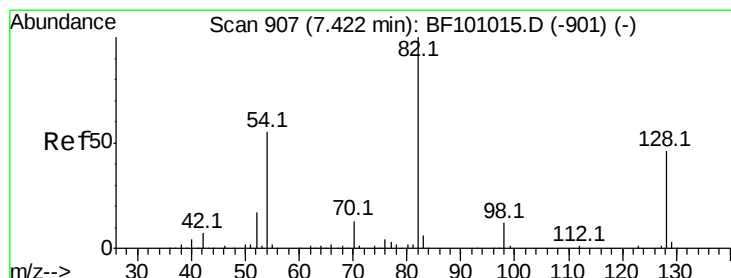
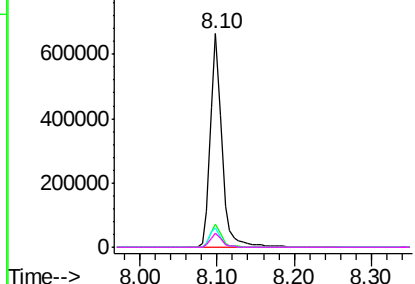
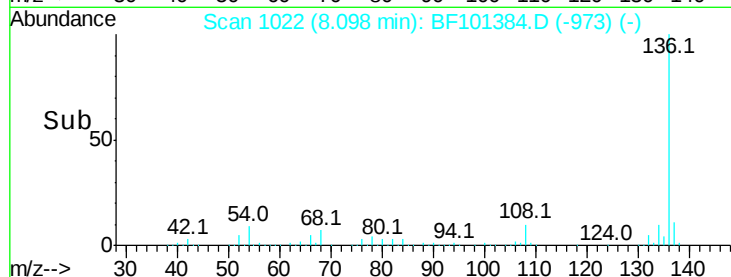
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	684346
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.2	6.6	9.8
68	6.6	5.0	7.4

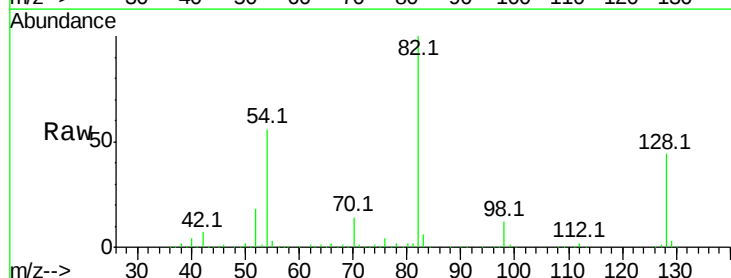


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

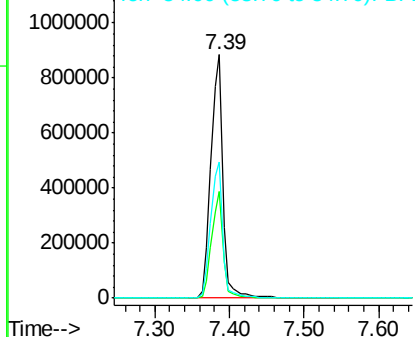
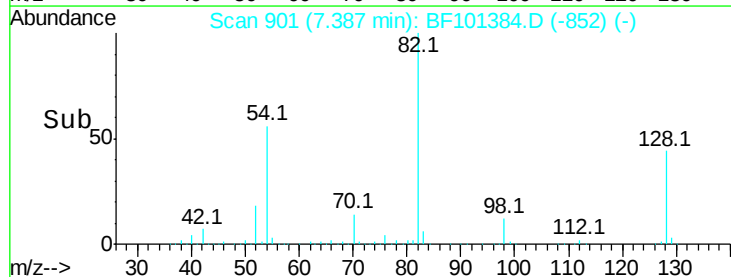


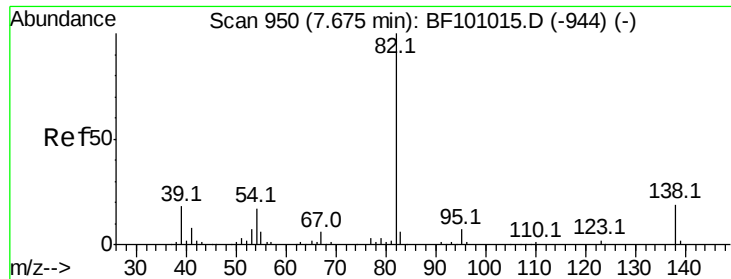
#23
Nitrobenzene-d5
Concen: 86.282 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion:	82	Resp:	989831
Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	55.7	41.4	62.2



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





#25

Isophorone

Concen: 50.512 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.26 min

Lab File: BF101384.D

Acq: 14 Dec 2017 00:42

Instrument :

BNA_F

ClientSampled :

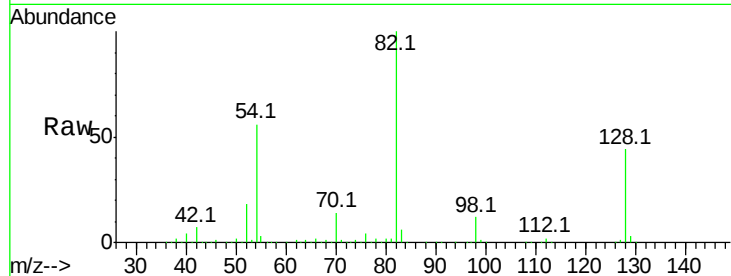
Tot Ion: 82 Resp: 989823

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

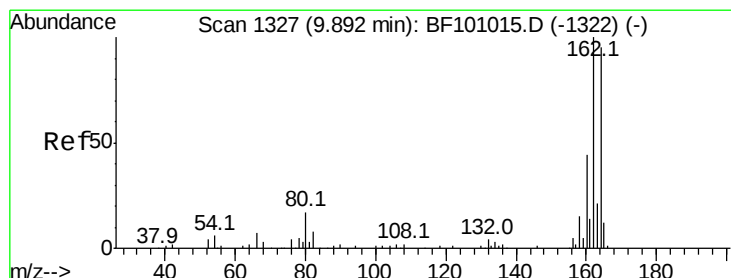
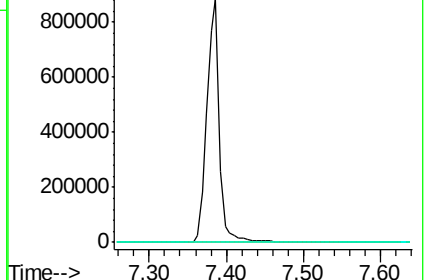
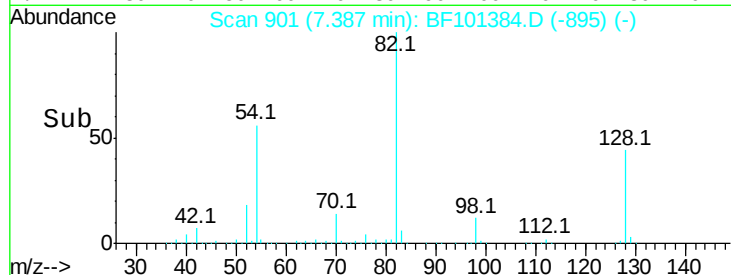
138 0.0 14.9 22.3#



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: BF101384.D

Acq: 14 Dec 2017 00:42

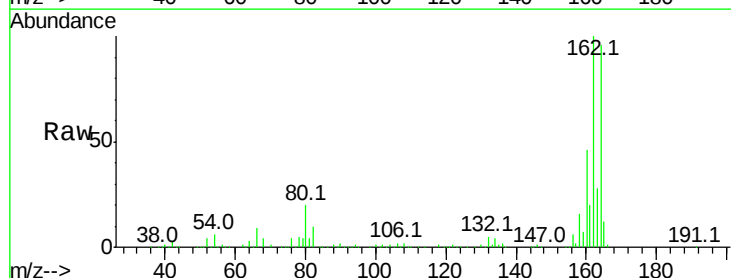
Tgt Ion:164 Resp: 304722

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

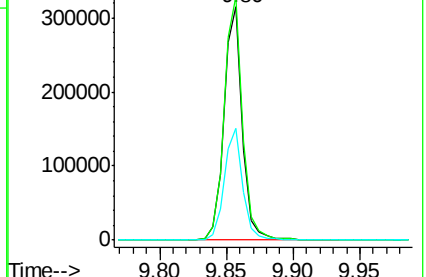
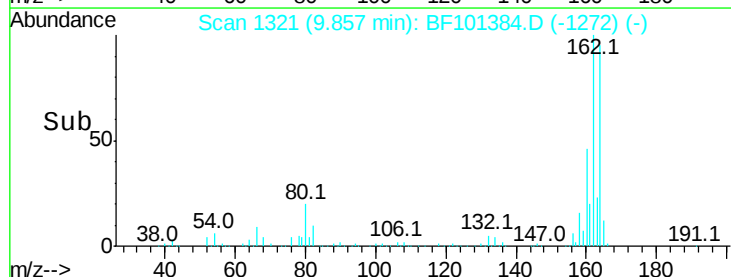
160 47.9 38.3 57.5

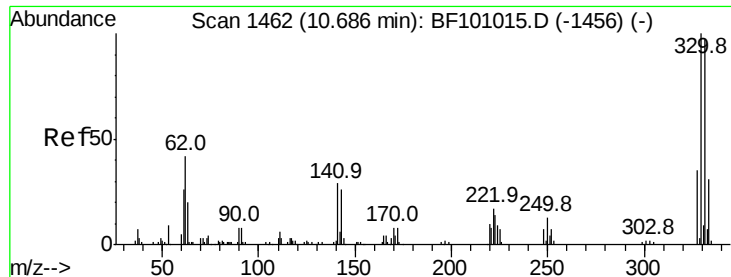


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

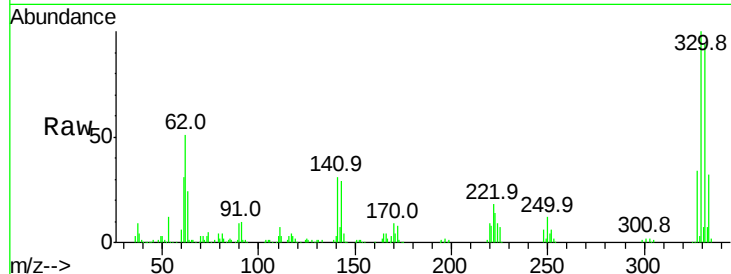




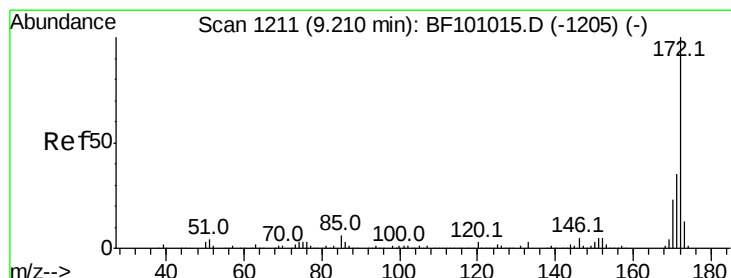
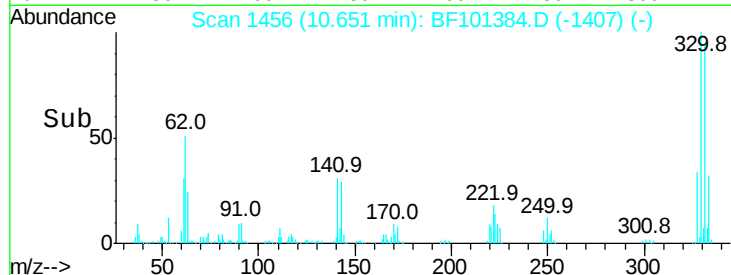
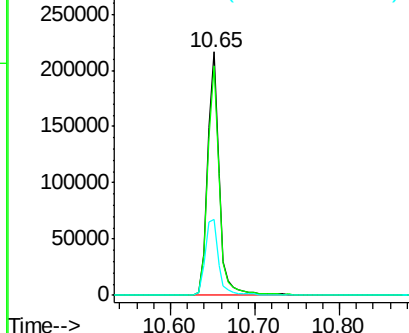
#41
 2,4,6-Tribromophenol
 Concen: 57.016 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF101384.D
 Acq: 14 Dec 2017 00:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 208711
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 36.3 29.9 44.9

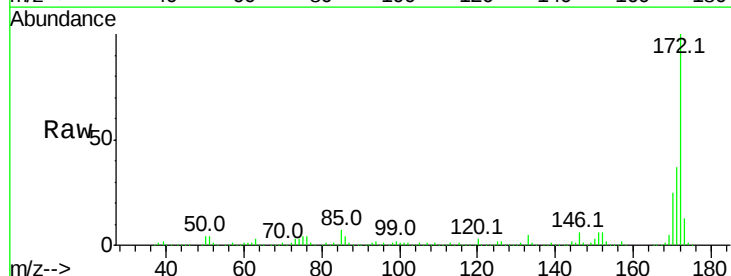


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

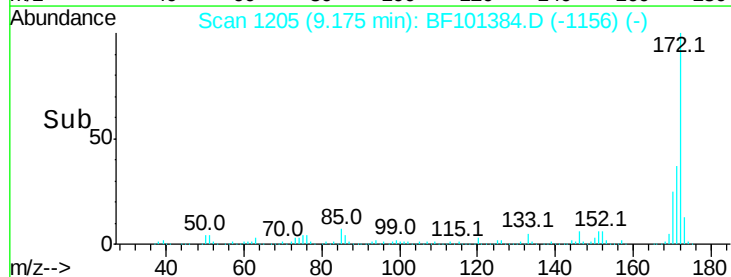
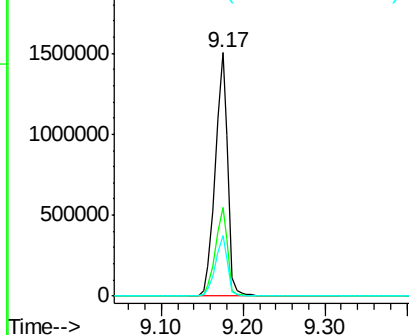


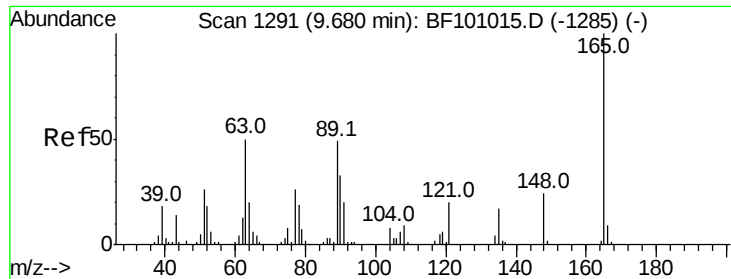
#44
 2-Fluorobiphenyl
 Concen: 72.324 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101384.D
 Acq: 14 Dec 2017 00:42

Tgt Ion:172 Resp: 1610774
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 25.1 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

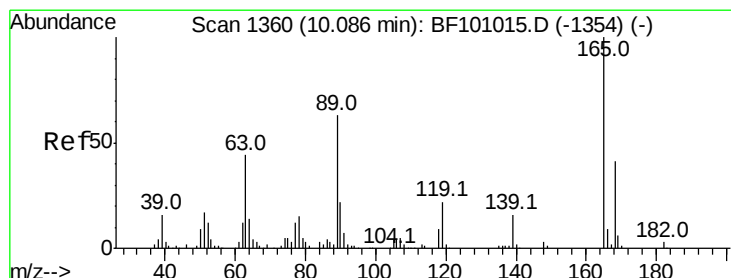
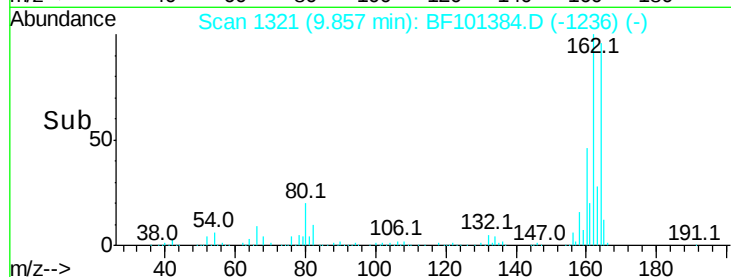
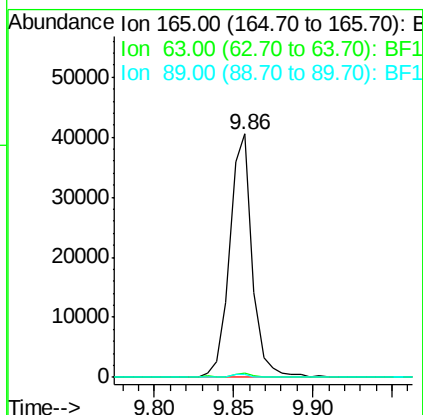
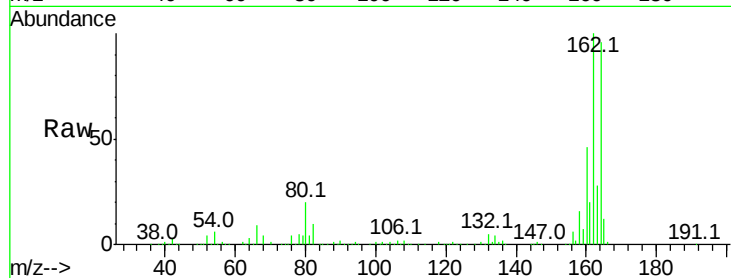




#50
 2,6-Dinitrotoluene
 Concen: 7.678 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF101384.D
 Acq: 14 Dec 2017 00:42

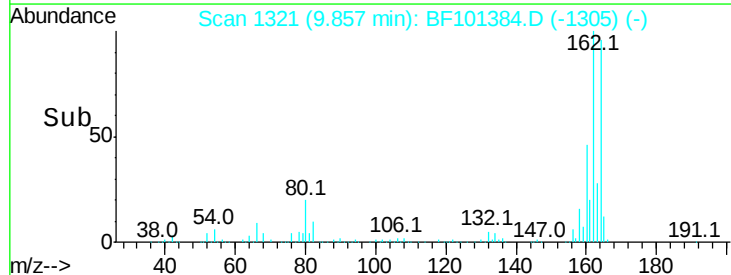
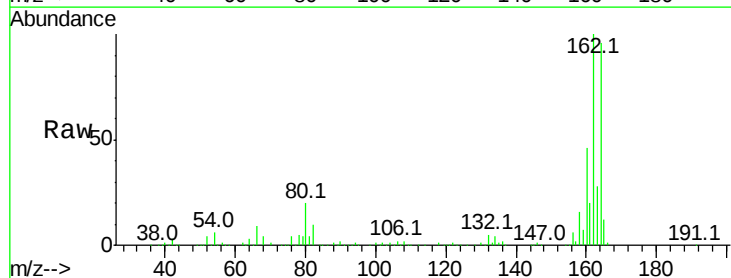
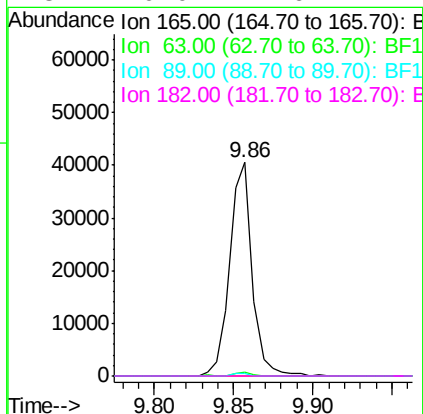
Instrument :
 BNA_F
 ClientSampleId :

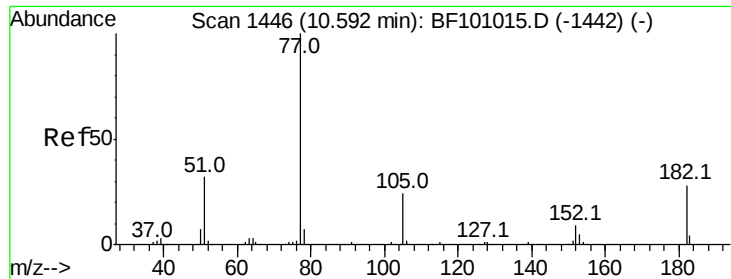
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.729 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.21 min
 Lab File: BF101384.D
 Acq: 14 Dec 2017 00:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

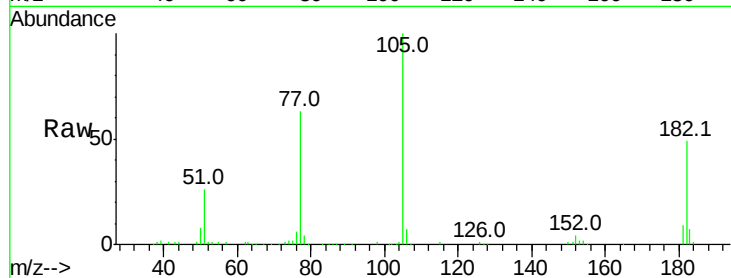




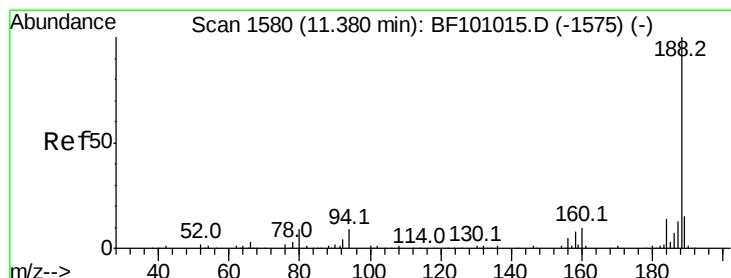
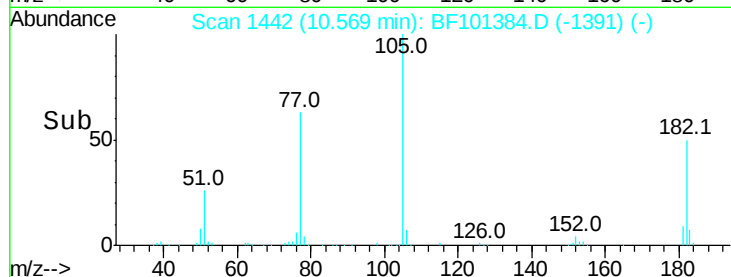
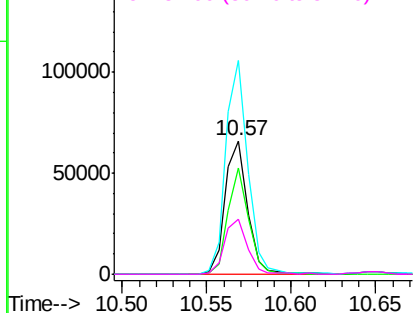
#62
Azobenzene
Concen: 2.962 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 60928
Ion Ratio Lower Upper
77 100
182 79.1 1.7 41.7#
105 159.9 3.0 43.0#
51 40.9 9.9 49.9

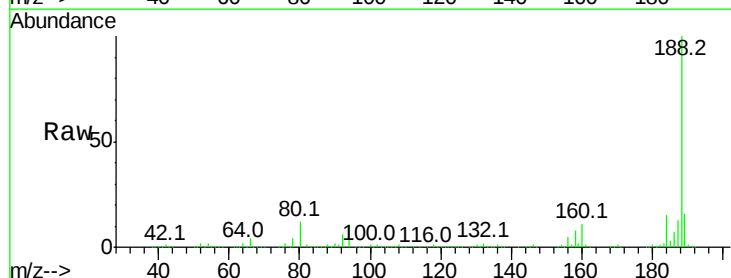


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

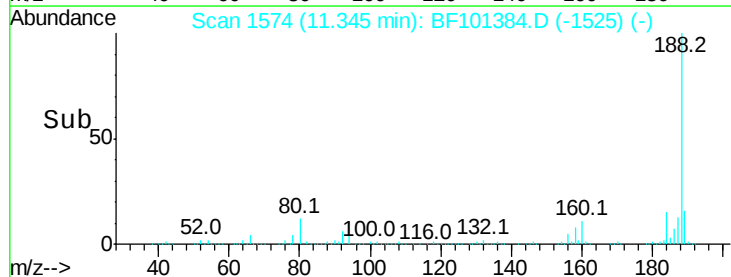
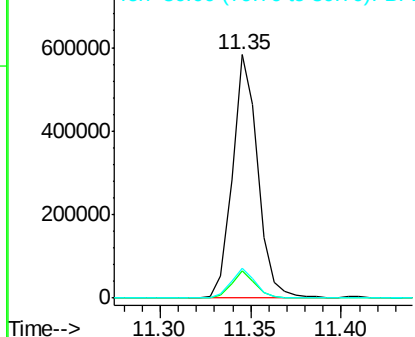


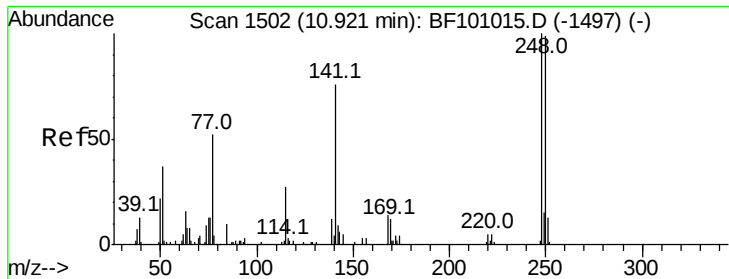
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion: 188 Resp: 567216
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.1 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

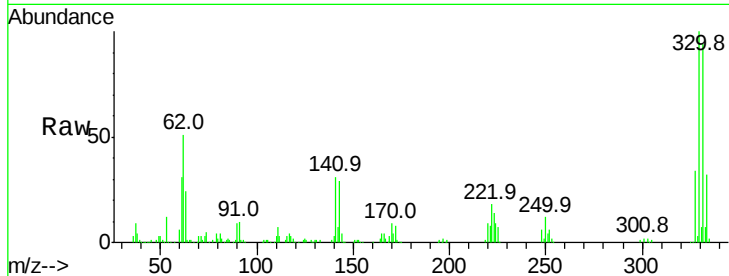




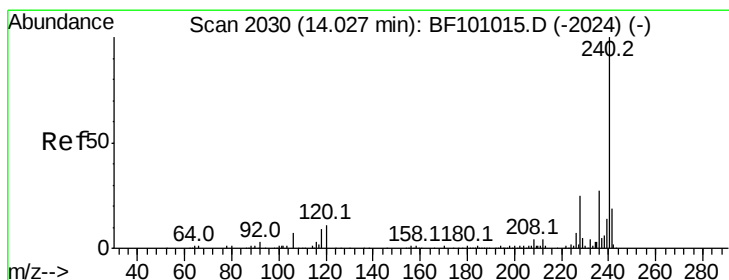
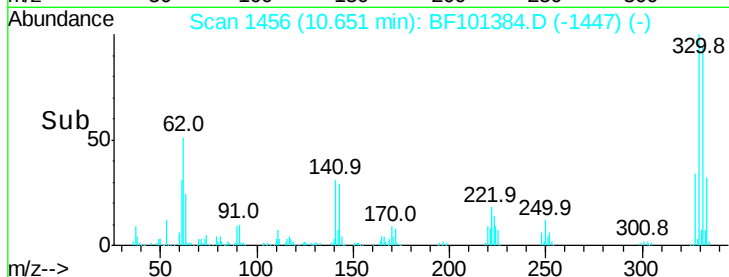
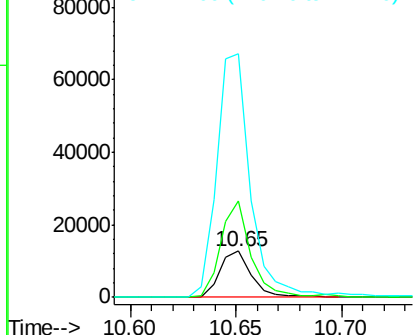
#66
4-Bromophenyl-phenylether
Concen: 2.104 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13356
Ion Ratio Lower Upper
248 100
250 209.2 76.9 115.3#
141 526.0 74.4 111.6#

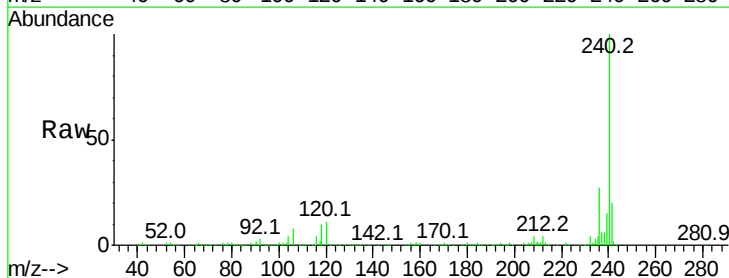


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

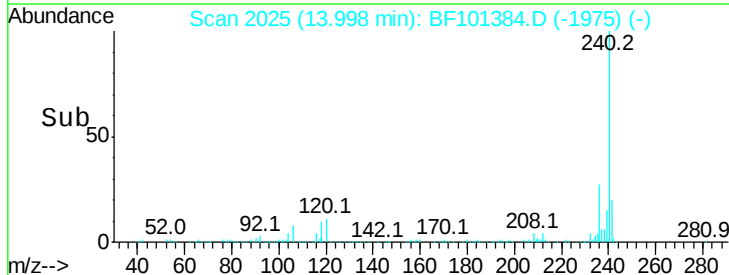
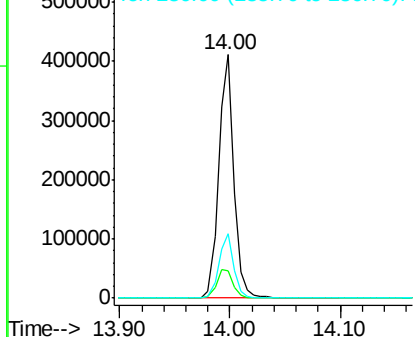


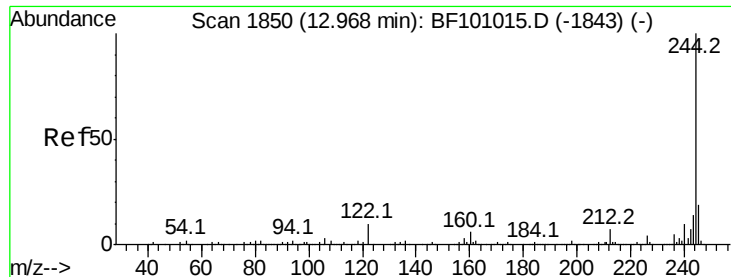
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101384.D
Acq: 14 Dec 2017 00:42

Tgt Ion:240 Resp: 388884
Ion Ratio Lower Upper
240 100
120 11.0 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

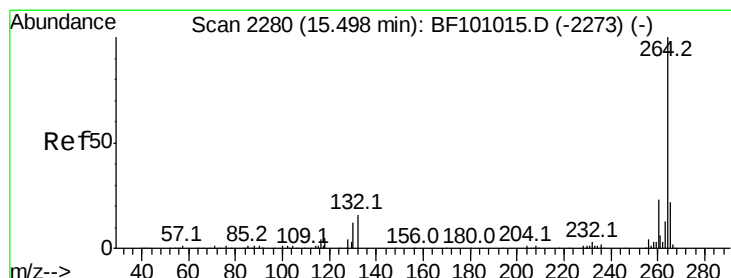
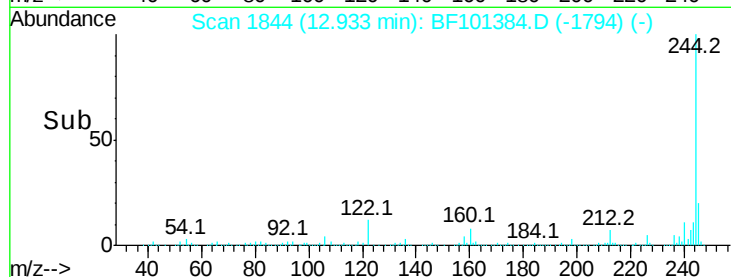
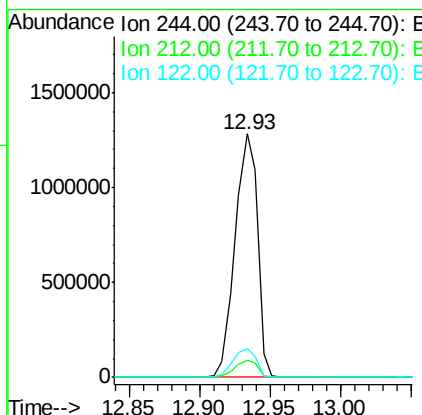
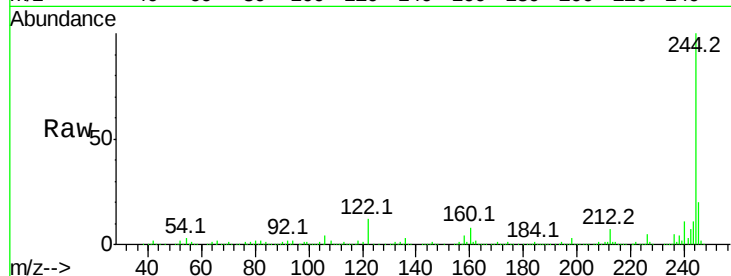




#78
 Terphenyl-d14
 Concen: 79.685 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF101384.D
 Acq: 14 Dec 2017 00:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1416765
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF101384.D
 Acq: 14 Dec 2017 00:42

Tgt Ion:264 Resp: 325217
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.1 17.5 26.3

