

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099584.D
 Acq On : 17 Oct 2017 16:42
 Operator : SJ/JU
 Sample : I5875-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 17:34:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

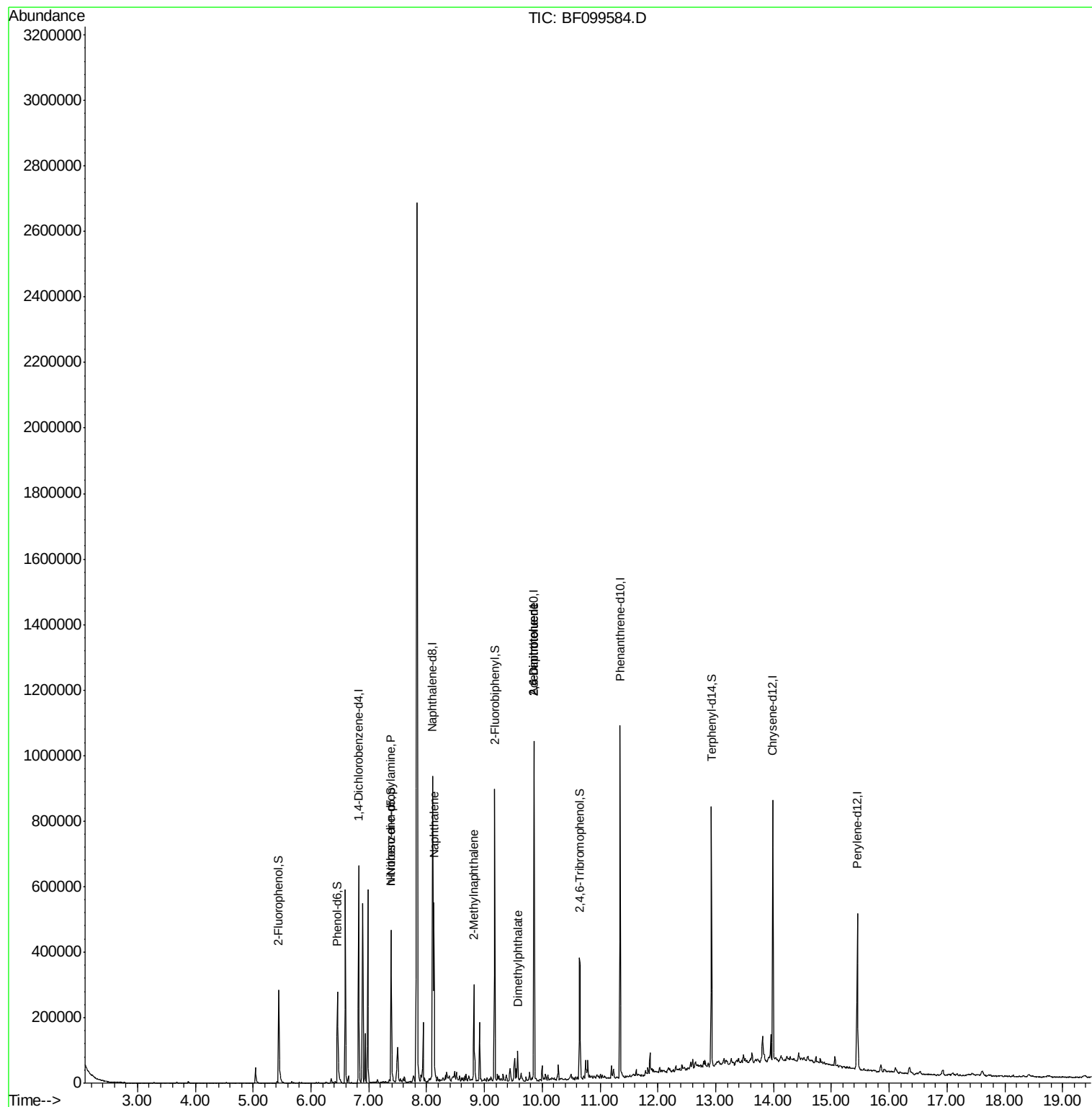
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	108599	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	466991	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	211774	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	384019	20.00	ng	0.00
75) Chrysene-d12	13.99	240	251068	20.00	ng	-0.01
86) Perylene-d12	15.45	264	201305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	109454	16.04	ng	0.00
7) Phenol-d6	6.46	99	105540	12.54	ng	-0.01
23) Nitrobenzene-d5	7.39	82	145272	19.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	40810	23.55	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	278241	21.93	ng	-0.01
78) Terphenyl-d14	12.93	244	245532	22.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	18267	3.400	ng	Qvalue # 73
31) Naphthalene	8.13	128	101785	4.641	ng	99
37) 2-Methylnaphthalene	8.82	142	79220	5.556	ng	95
49) Dimethylphthalate	9.57	163	32954	2.062	ng	99
50) 2,6-Dinitrotoluene	9.86	165	26507	7.618	ng	# 25
56) 2,4-Dinitrotoluene	9.86	165	26507	5.870	ng	# 22

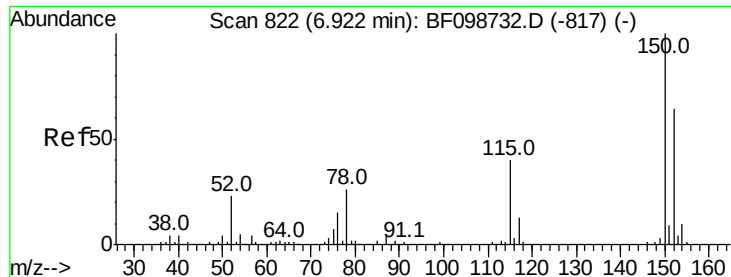
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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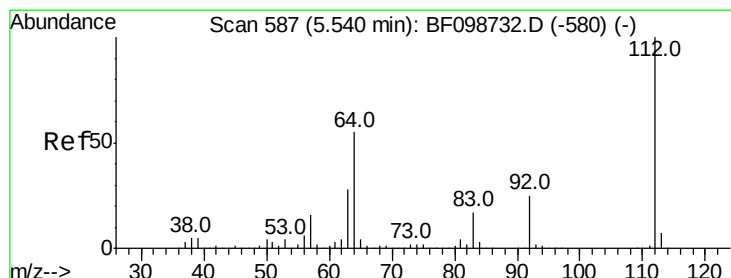
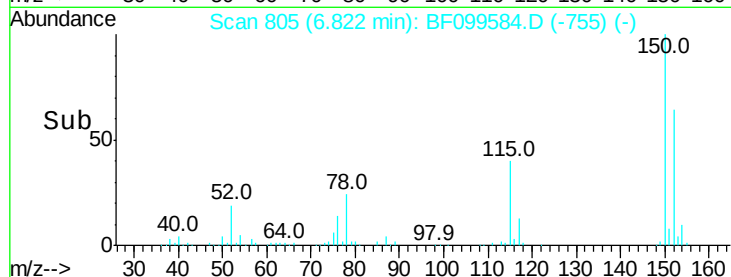
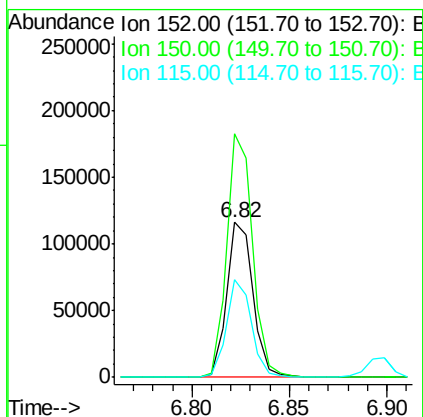
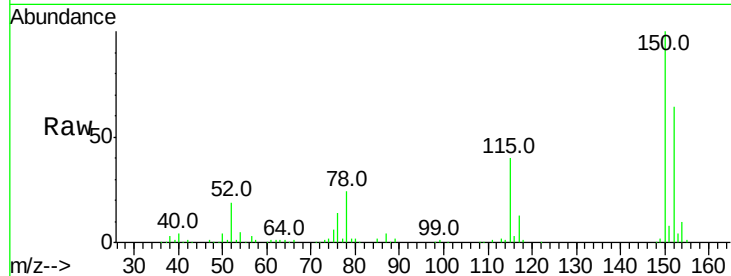


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

Instrument :
 BNA_F
 ClientSampled :

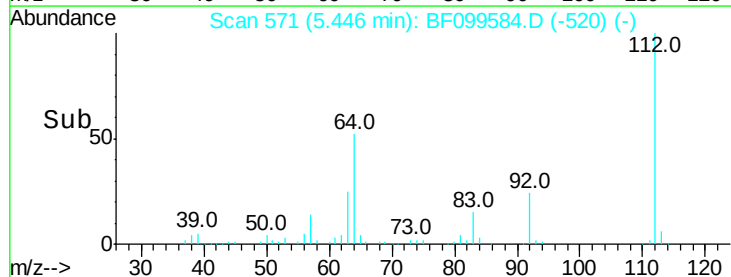
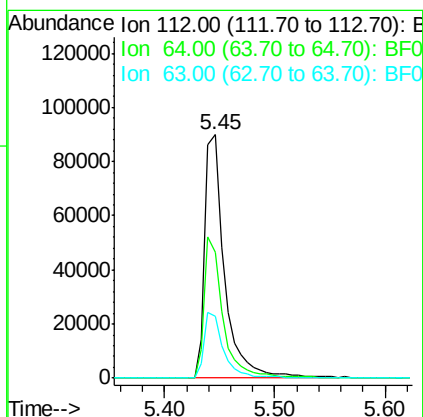
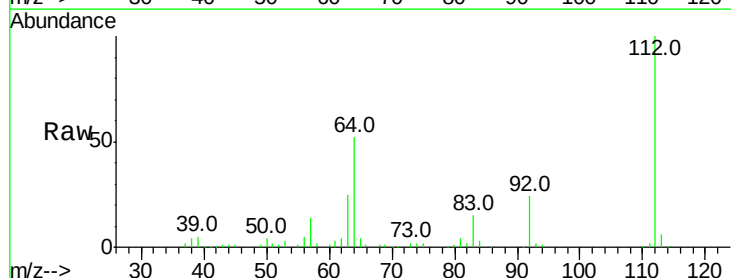
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	63.3	50.1	75.1

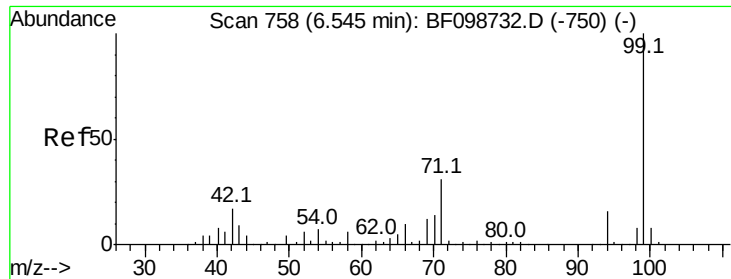


#5

2-Fluorophenol
 Concen: 16.044 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.9	71.9
63	25.3	23.7	35.5





#7

Phenol-d6

Concen: 12.541 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099584.D

Acq: 17 Oct 2017 16:42

Instrument :

BNA_F

ClientSampled :

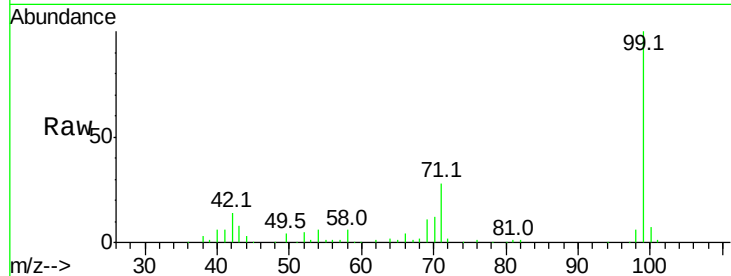
Tot Ion: 99 Resp: 105540

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

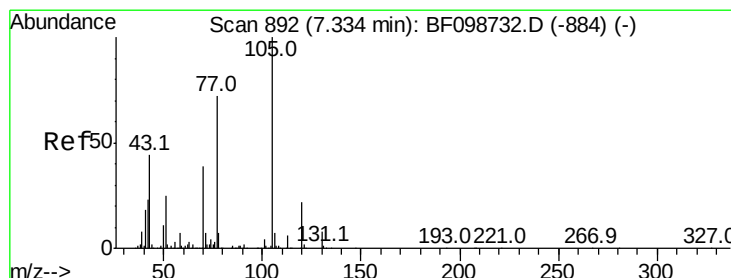
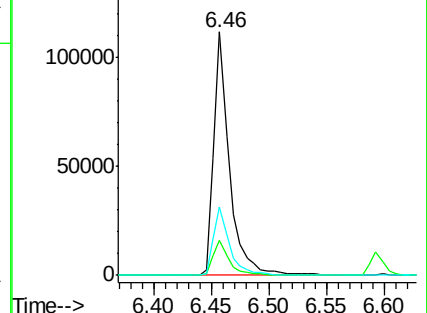
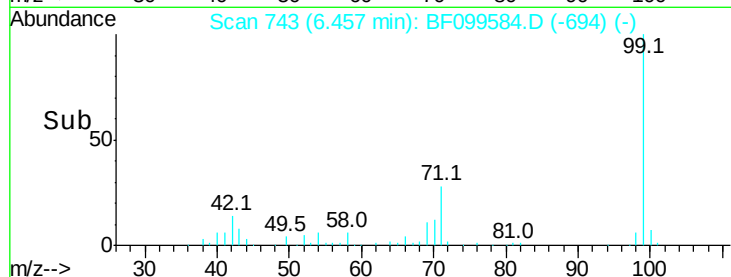
71 28.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 3.400 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF099584.D

Acq: 17 Oct 2017 16:42

Tgt Ion: 70 Resp: 18267

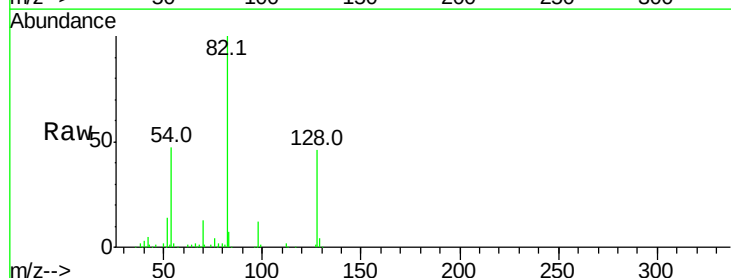
Ion Ratio Lower Upper

70 100

42 42.1 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#

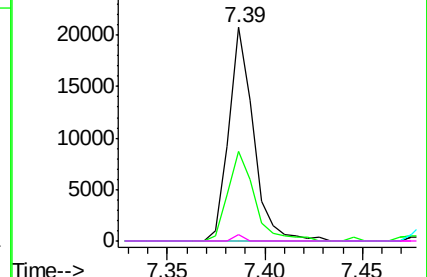
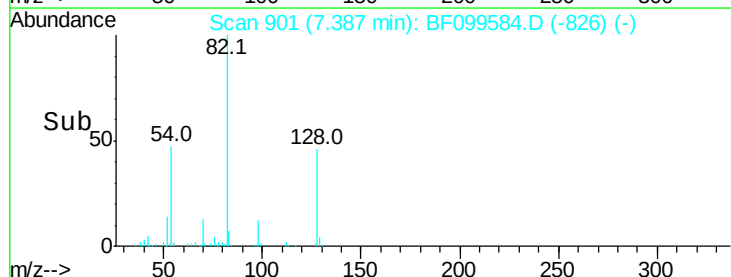


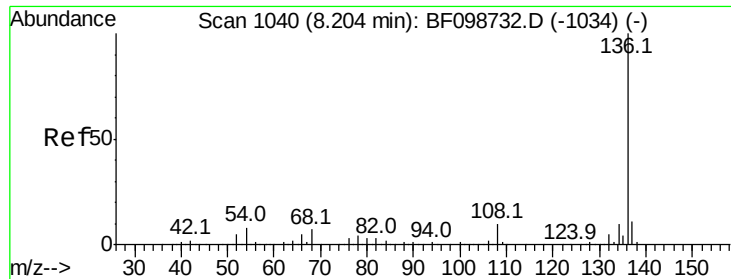
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

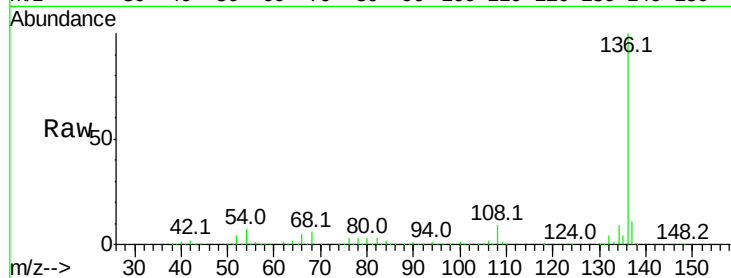




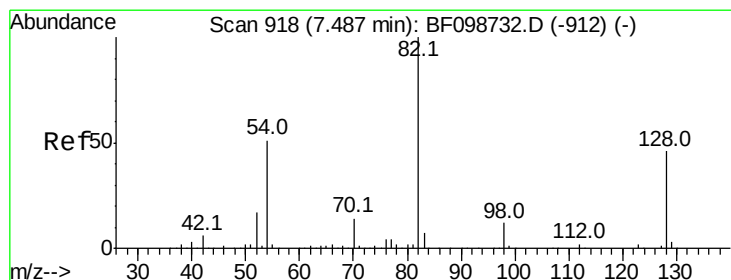
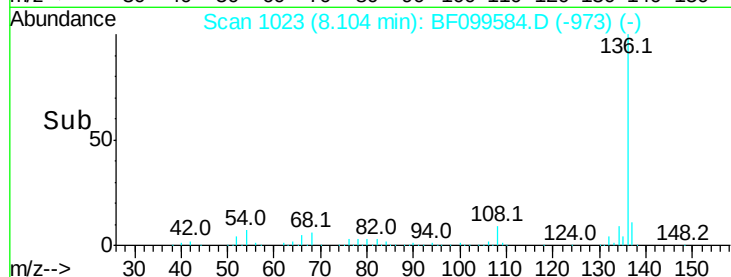
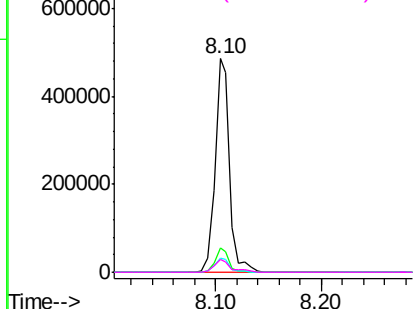
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099584.D
Acq: 17 Oct 2017 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	466991
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.9	6.6	9.8
68	6.2	5.0	7.4

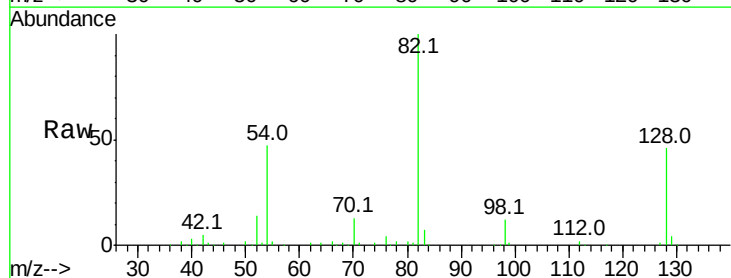


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

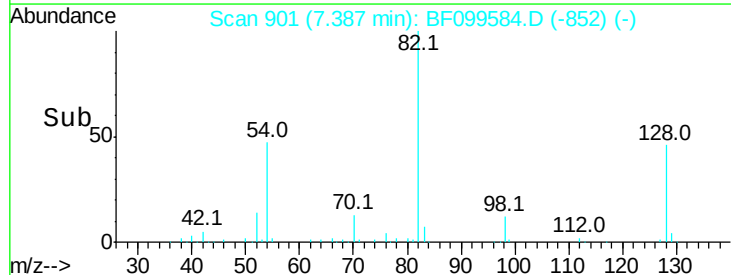
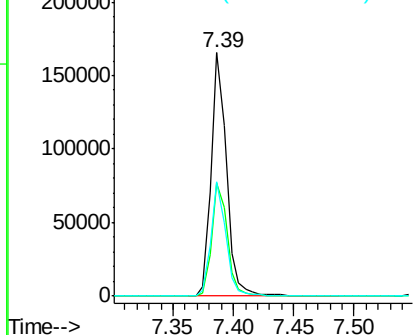


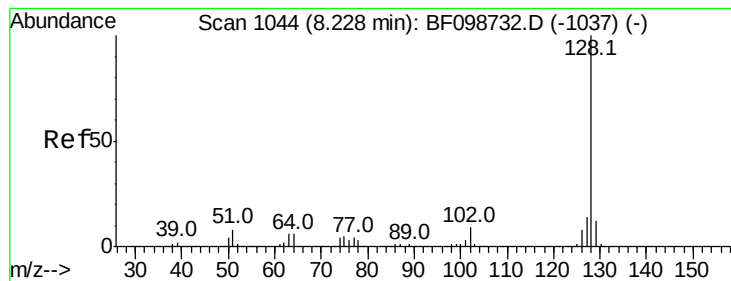
#23
Nitrobenzene-d5
Concen: 19.950 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099584.D
Acq: 17 Oct 2017 16:42

Tgt Ion:	82	Resp:	145272
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	46.8	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 4.641 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099584.D

Acq: 17 Oct 2017 16:42

Instrument :

BNA_F

ClientSampleId :

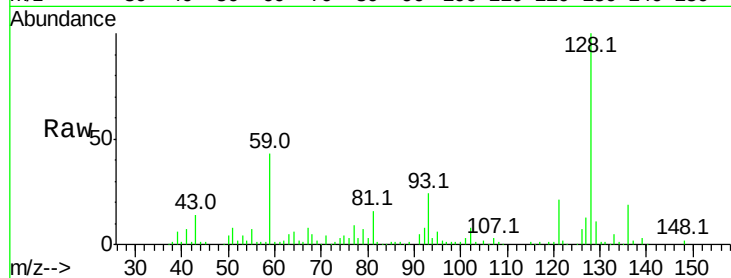
Tot Ion:128 Resp: 101785

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

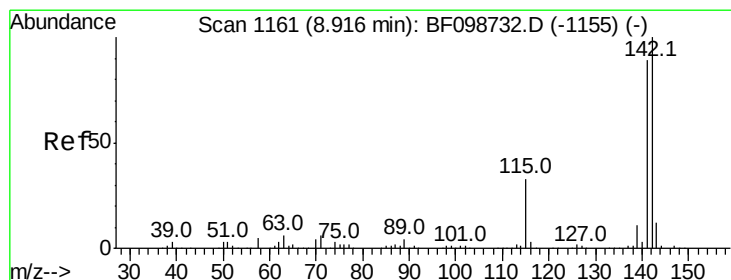
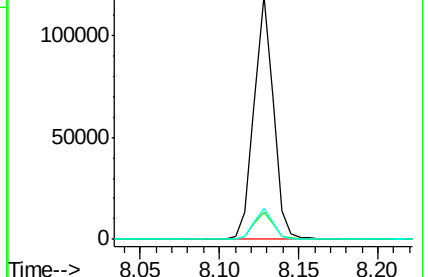
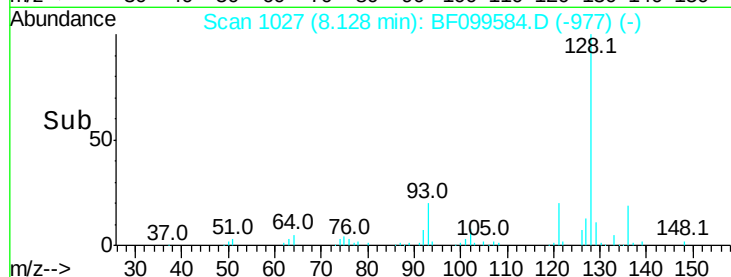
127 12.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 5.556 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF099584.D

Acq: 17 Oct 2017 16:42

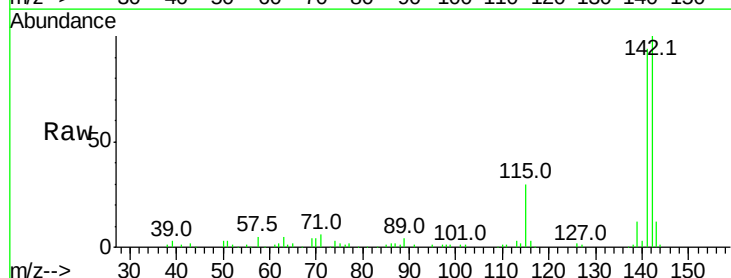
Tgt Ion:142 Resp: 79220

Ion Ratio Lower Upper

142 100

141 93.5 70.8 106.2

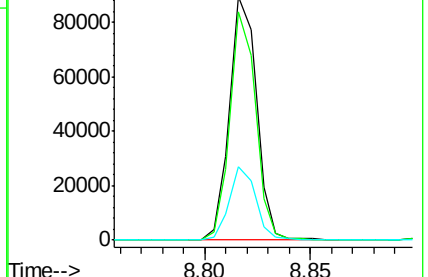
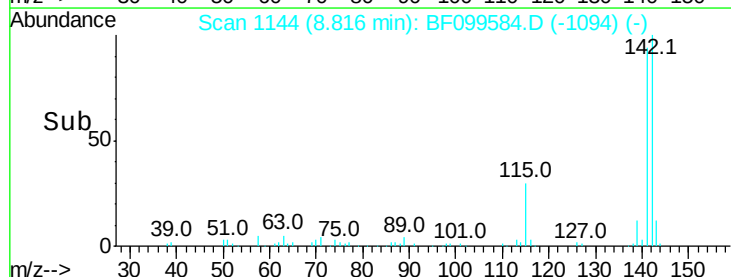
115 30.3 26.1 39.1

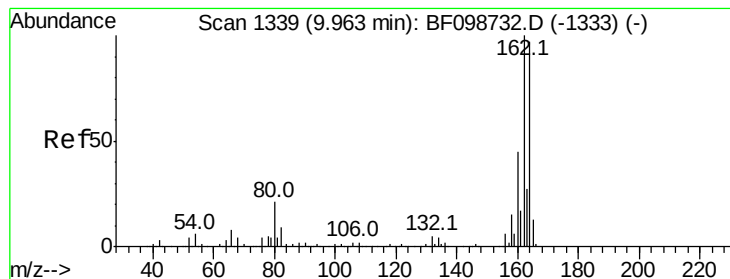


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF099584.D

Acq: 17 Oct 2017 16:42

Instrument :

BNA_F

ClientSampleId :

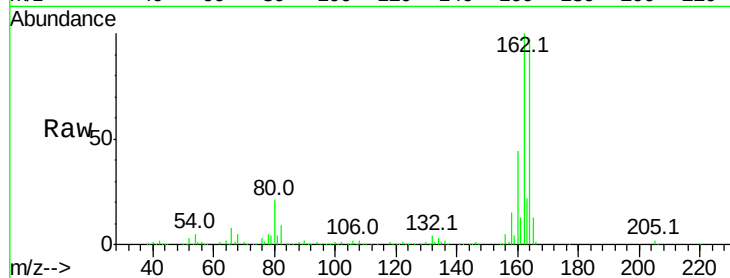
Tot Ion:164 Resp: 211774

Ion Ratio Lower Upper

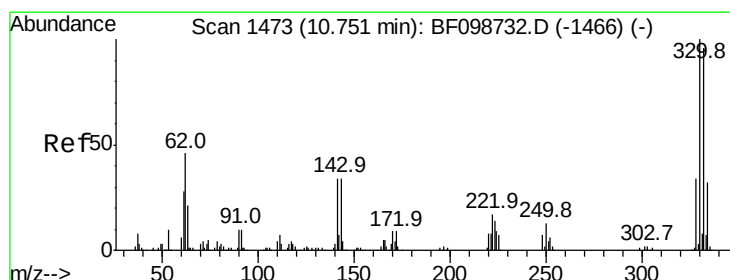
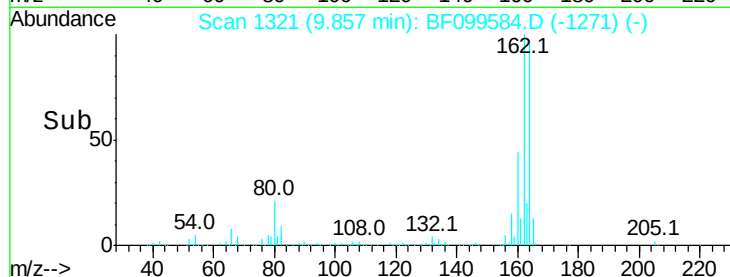
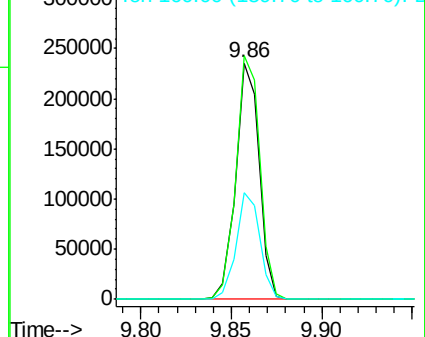
164 100

162 103.0 86.1 129.1

160 44.9 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: 23.550 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF099584.D

Acq: 17 Oct 2017 16:42

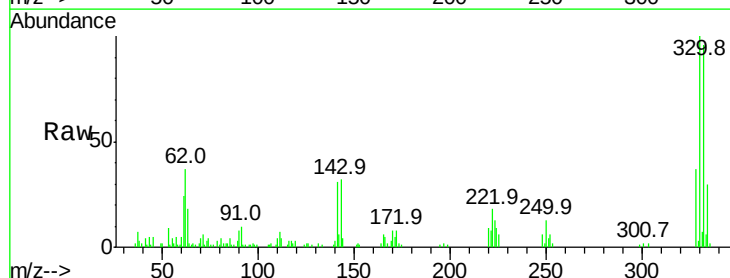
Tgt Ion:330 Resp: 40810

Ion Ratio Lower Upper

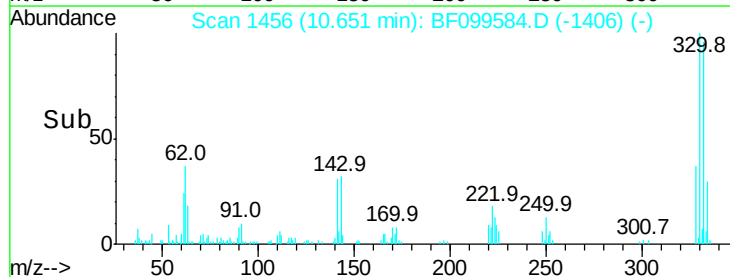
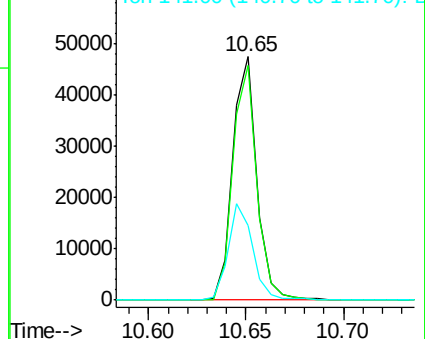
330 100

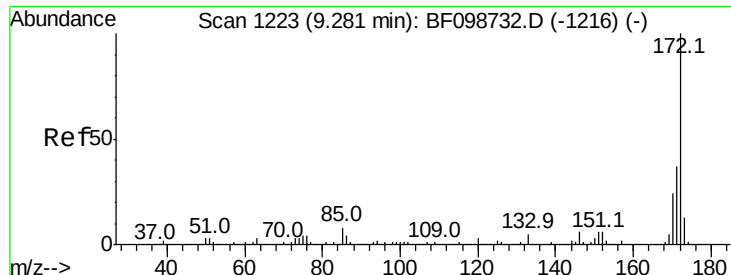
332 95.5 77.0 115.6

141 40.4 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

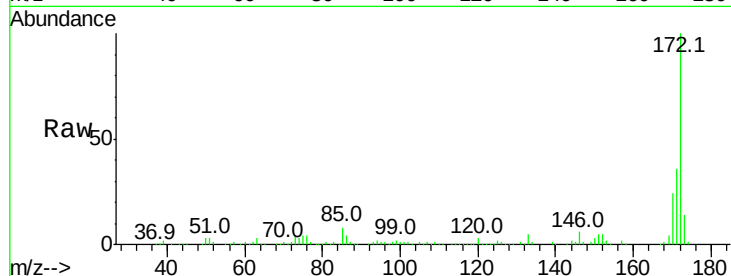




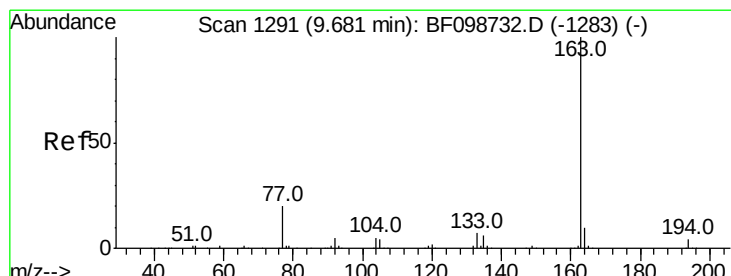
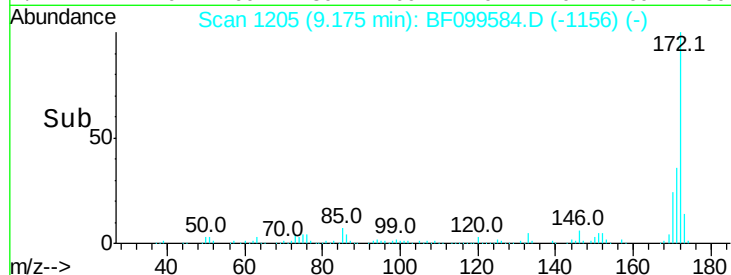
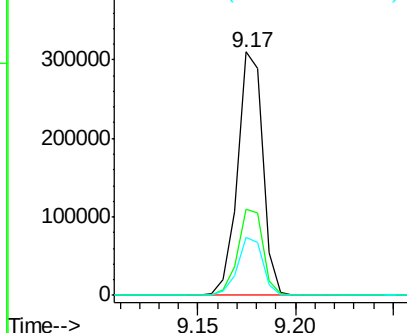
#44
 2-Fluorobiphenyl
 Concen: 21.934 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 278241
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.6 19.6 29.4

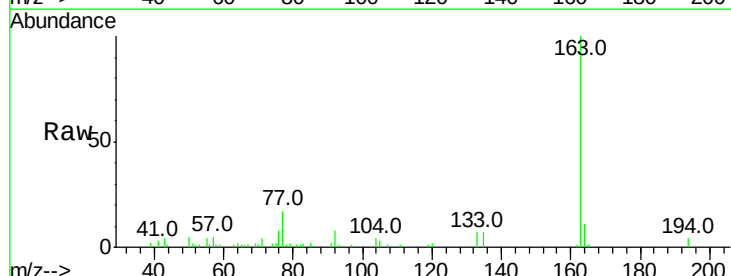


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

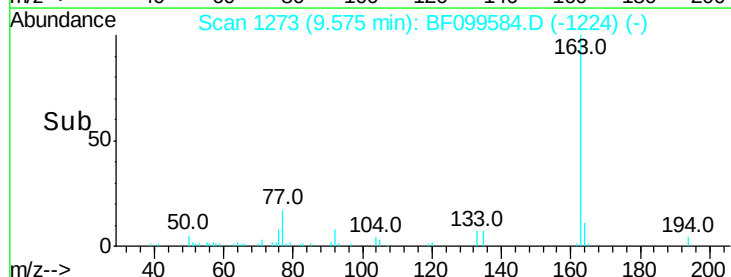
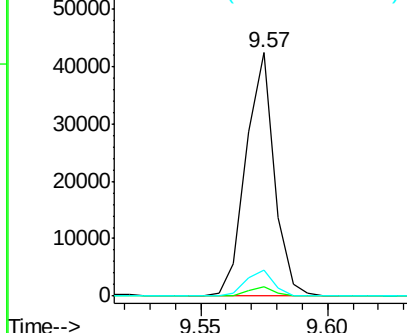


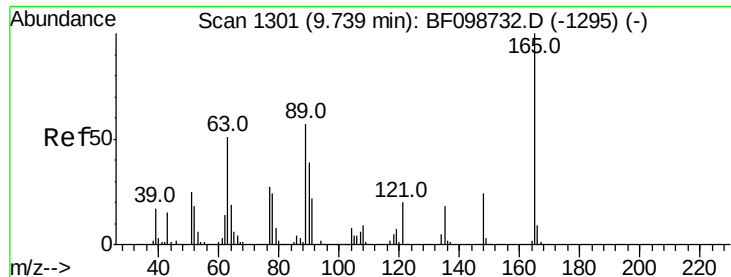
#49
 Dimethylphthalate
 Concen: 2.062 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

Tgt Ion:163 Resp: 32954
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

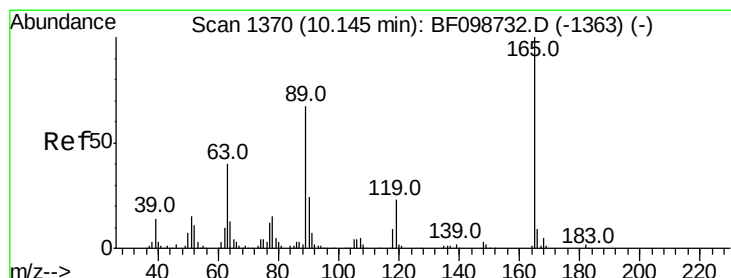
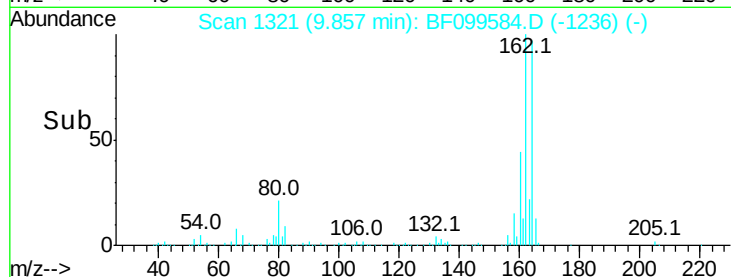
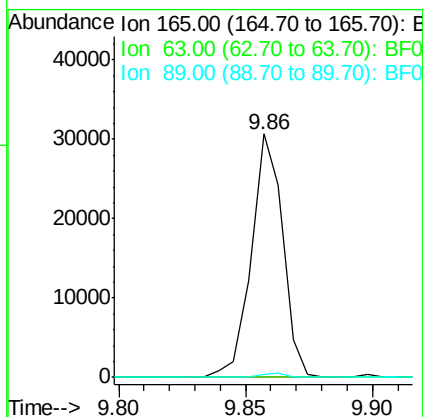
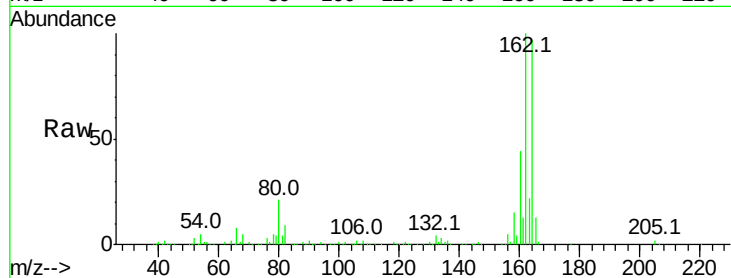




#50
2,6-Dinitrotoluene
Concen: 7.618 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.20 min
Lab File: BF099584.D
Acq: 17 Oct 2017 16:42

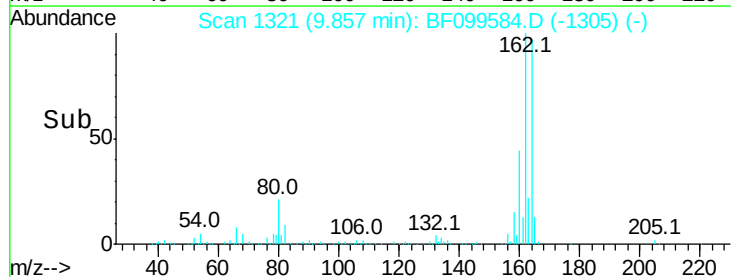
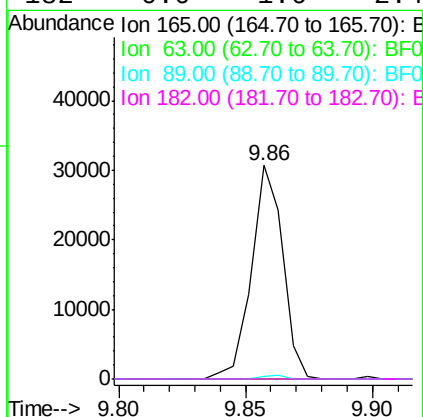
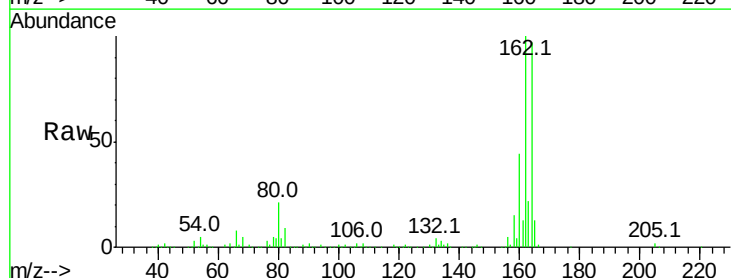
Instrument :
BNA_F
ClientSampleId :

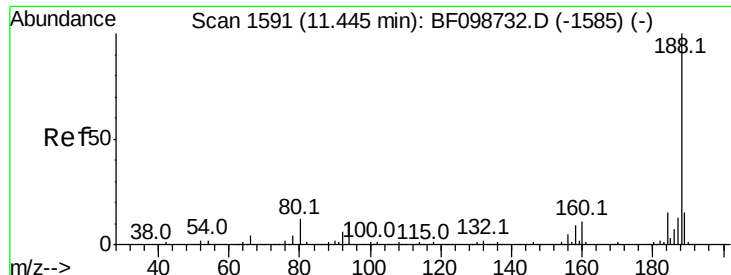
Tot Ion:165 Resp: 26507
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.4 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 5.870 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.21 min
Lab File: BF099584.D
Acq: 17 Oct 2017 16:42

Tgt Ion:165 Resp: 26507
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

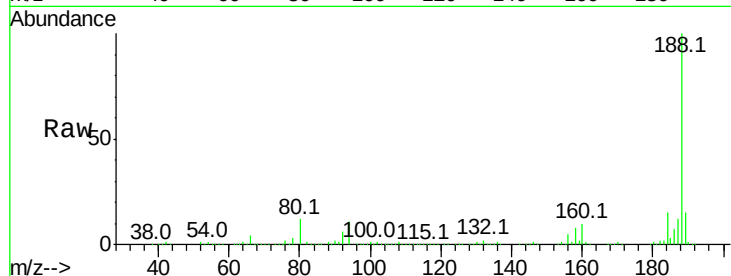




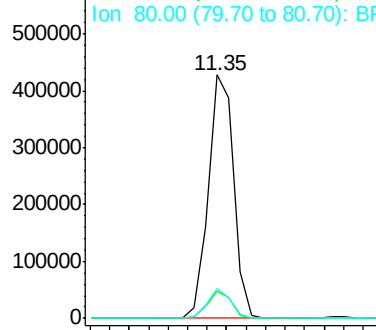
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :

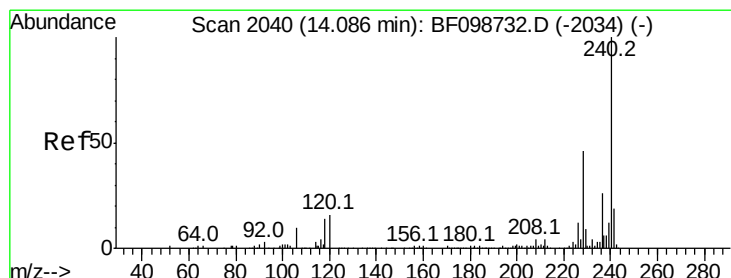
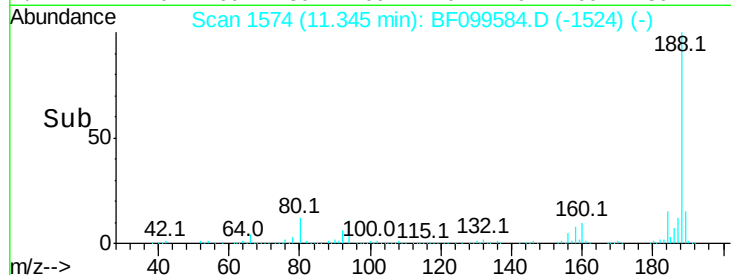
Tot Ion:188 Resp: 384019
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

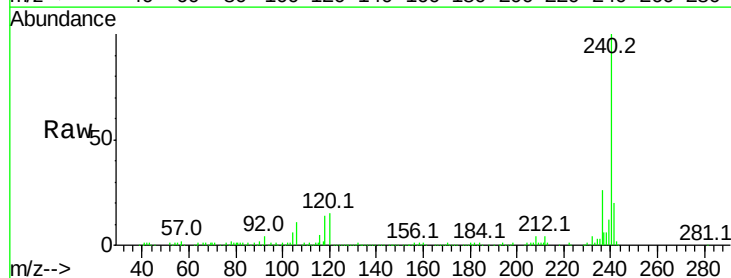


Time-->

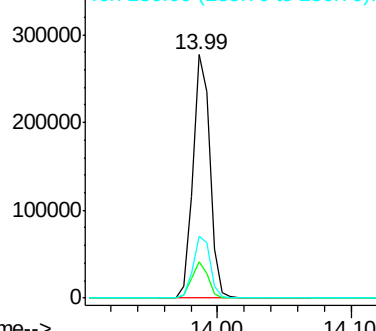


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

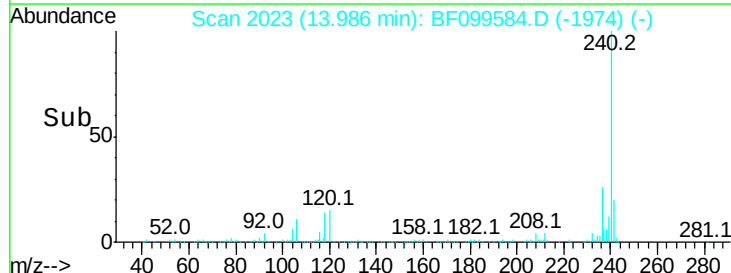
Tgt Ion:240 Resp: 251068
 Ion Ratio Lower Upper
 240 100
 120 15.1 9.5 14.3#
 236 25.5 20.7 31.1

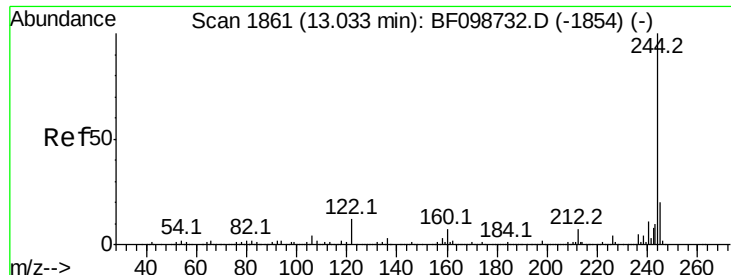


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->

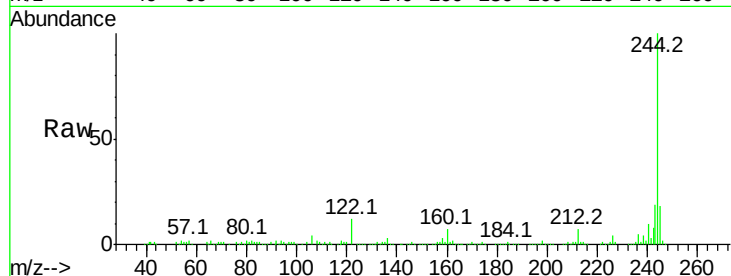




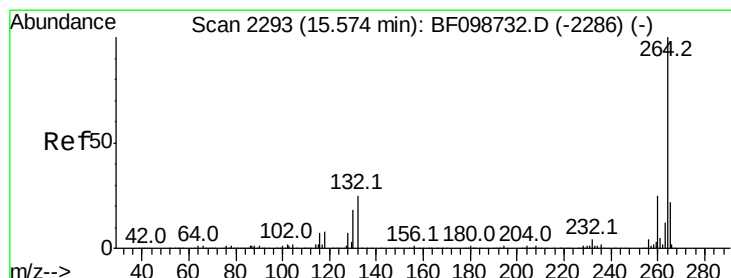
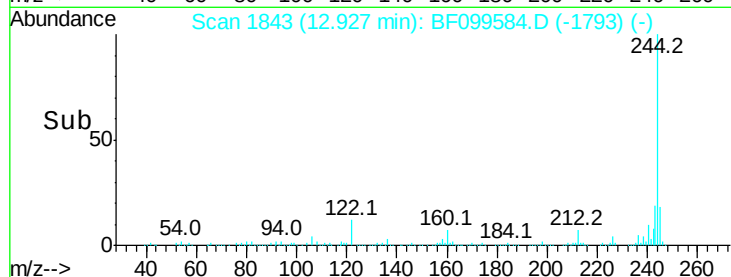
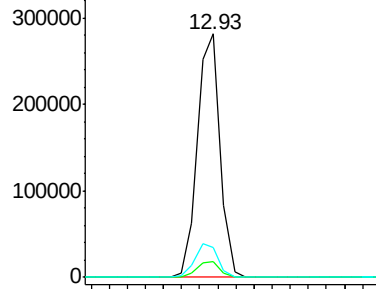
#78
 Terphenyl-d14
 Concen: 22.241 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 245532
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.1 11.0 16.4

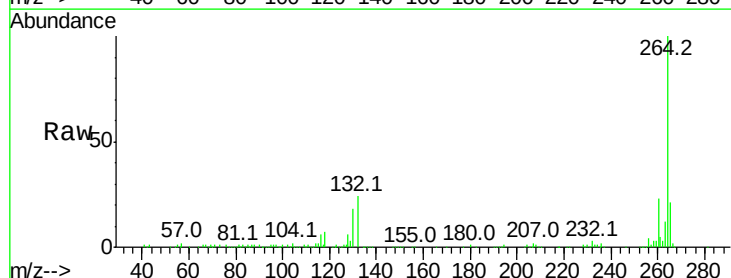


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

Tgt Ion:264 Resp: 201305
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.7 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

