

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099529.D
 Acq On : 15 Oct 2017 22:33
 Operator : SJ/JU
 Sample : I5857-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:10:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

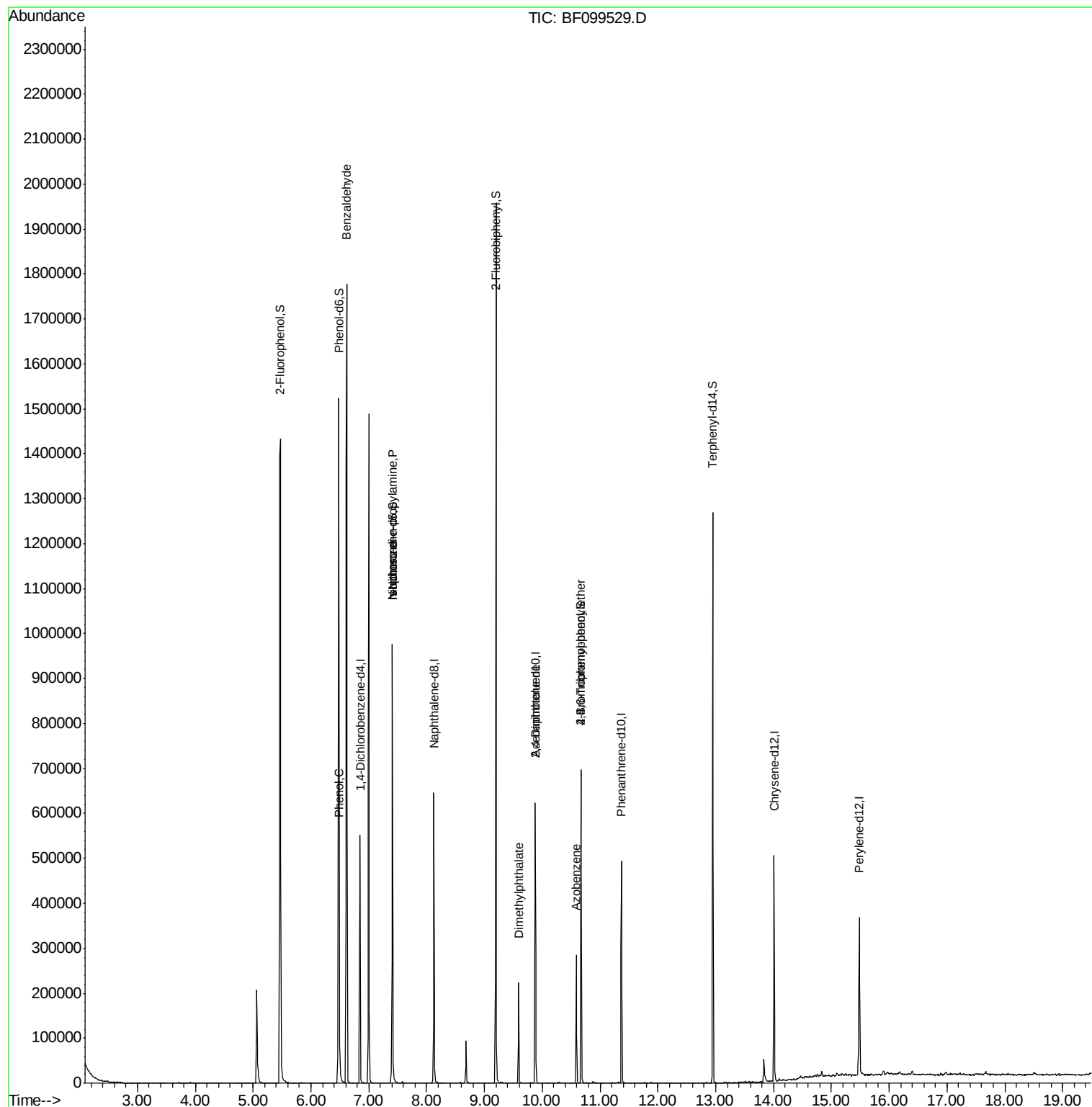
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	82470	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	309284	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	113492	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	161878	20.00	ng	0.00
75) Chrysene-d12	14.01	240	169390	20.00	ng	0.00
86) Perylene-d12	15.49	264	151849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	477716	92.21	ng	0.00
7) Phenol-d6	6.48	99	548367	85.80	ng	0.00
23) Nitrobenzene-d5	7.41	82	312604	64.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	74177	79.87	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	549857	80.88	ng	-0.01
78) Terphenyl-d14	12.95	244	373385	50.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	8916	2.41	ng	Qvalue 89
10) Phenol	6.49	94	31902	4.46	ng	99
19) n-Nitroso-di-n-propylamine	7.41	70	39008	9.56	ng	# 74
25) Isophorone	7.41	82	312601	31.35	ng	# 64
49) Dimethylphthalate	9.59	163	87196	10.18	ng	100
56) 2,4-Dinitrotoluene	9.88	165	14392	5.95	ng	# 23
62) Azobenzene	10.59	77	46043	5.98	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	4723	2.98	ng	# 1

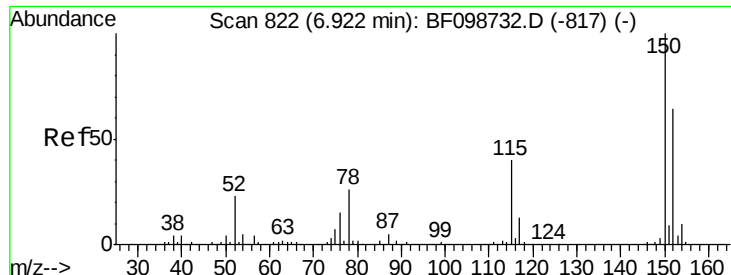
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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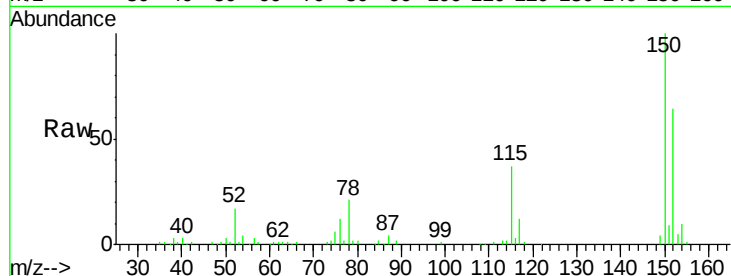




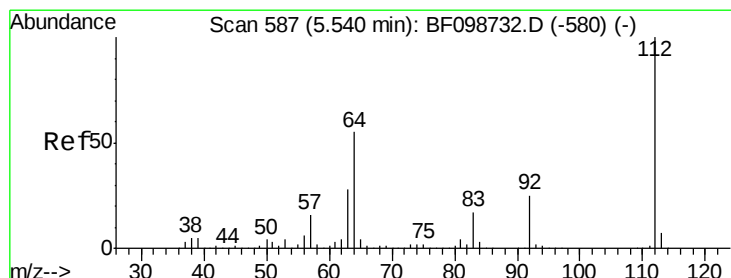
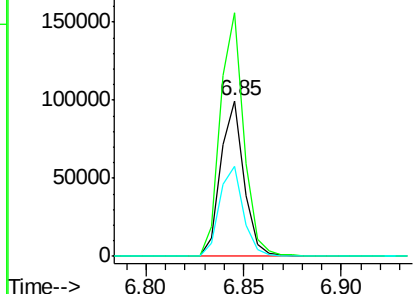
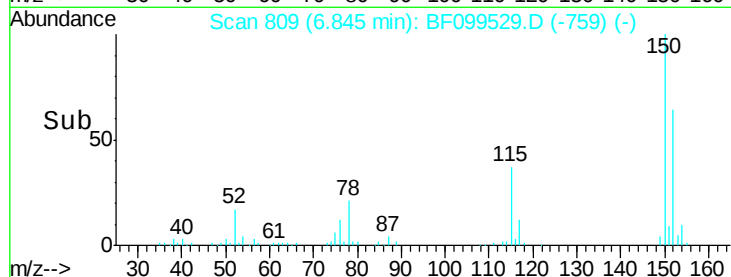
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099529.D
 Acq: 15 Oct 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 82470
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 58.1 50.1 75.1

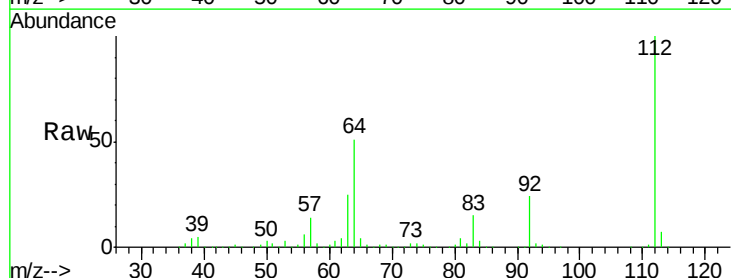


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

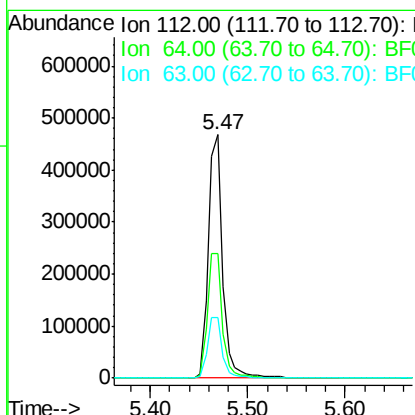
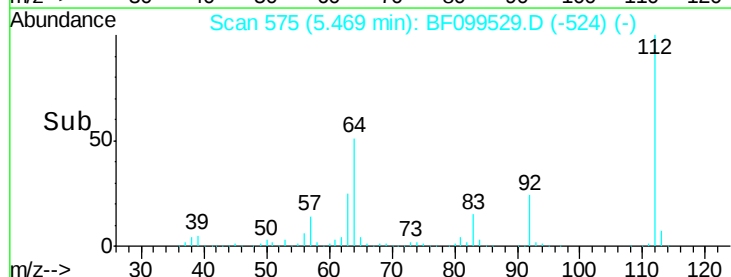


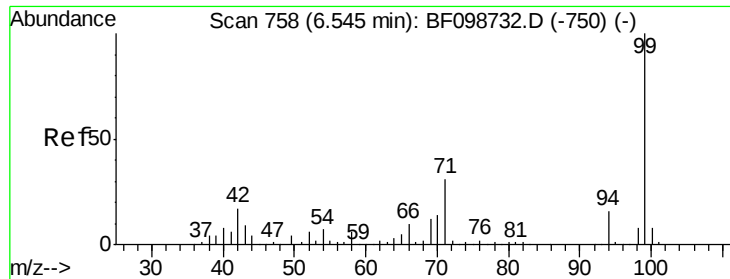
#5
 2-Fluorophenol
 Concen: 92.21 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF099529.D
 Acq: 15 Oct 2017 22:33

Tgt Ion:112 Resp: 477716
 Ion Ratio Lower Upper
 112 100
 64 51.4 47.9 71.9
 63 25.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.80 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099529.D

Acq: 15 Oct 2017 22:33

Instrument :

BNA_F

ClientSampleId :

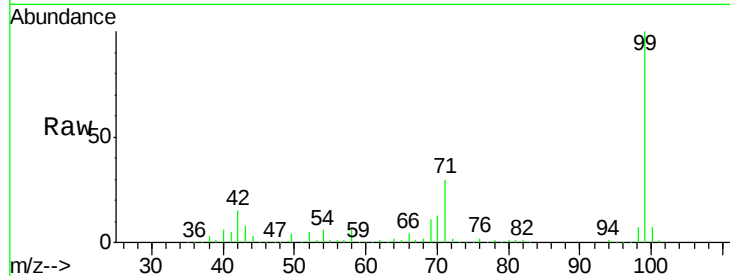
Tot Ion: 99 Resp: 548367

Ion Ratio Lower Upper

99 100

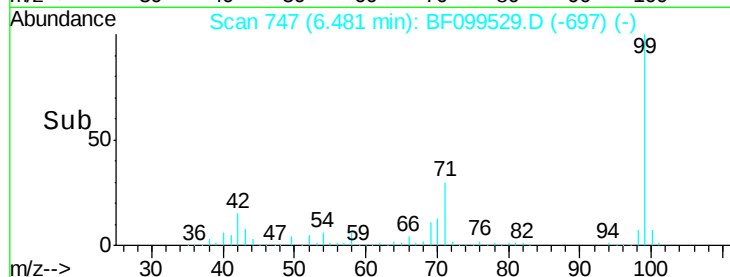
42 14.6 14.5 21.7

71 29.7 25.4 38.0

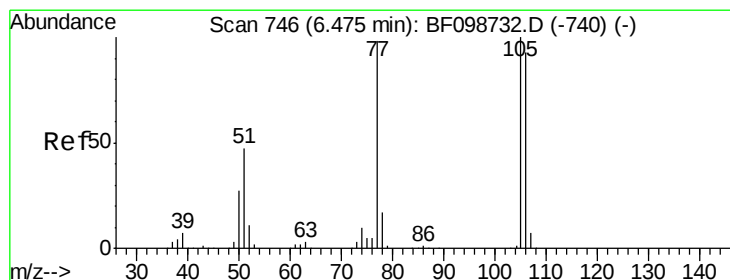


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.48



Time-->



#9

Benzaldehyde

Concen: 2.41 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099529.D

Acq: 15 Oct 2017 22:33

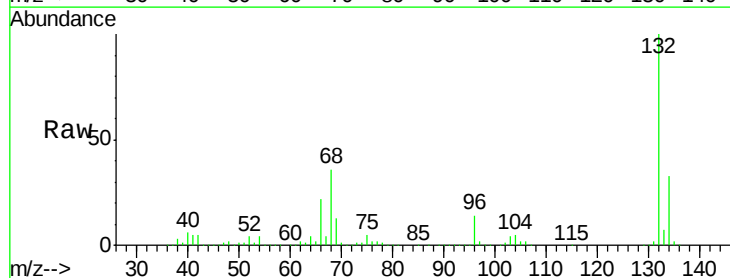
Tgt Ion: 77 Resp: 8916

Ion Ratio Lower Upper

77 100

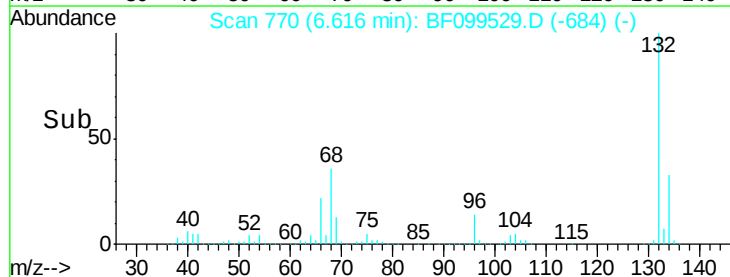
105 87.3 81.1 121.1

106 86.9 74.5 114.5

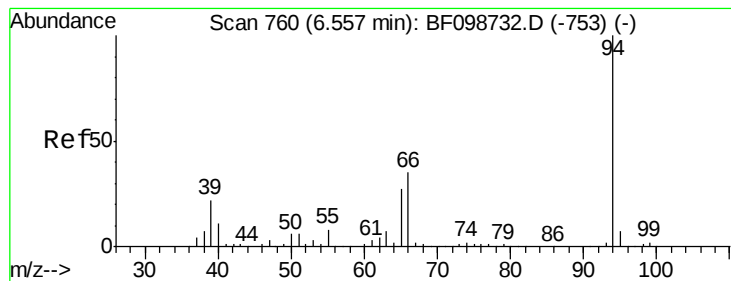


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B

6.62



Time-->



#10

Phenol

Concen: 4.46 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099529.D

Acq: 15 Oct 2017 22:33

Instrument :

BNA_F

ClientSampleId :

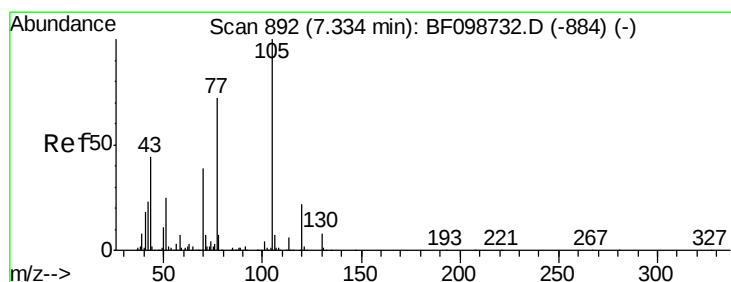
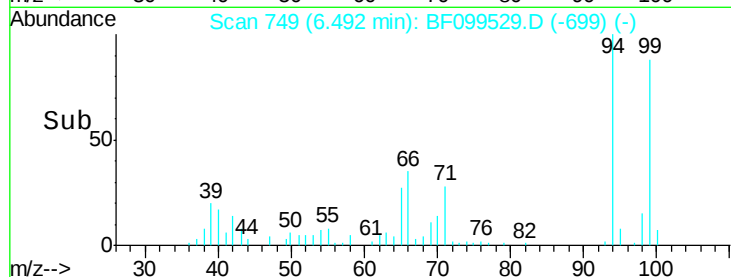
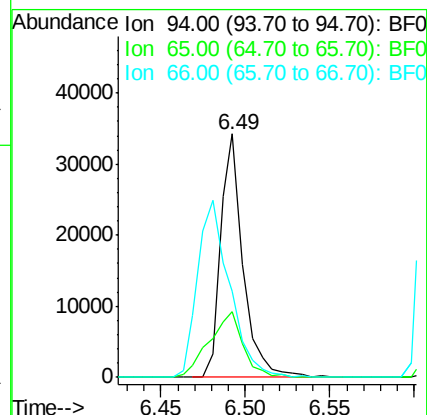
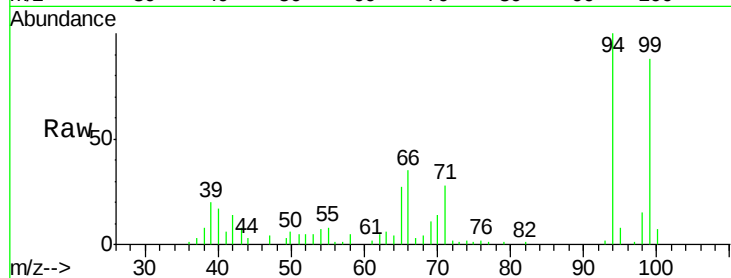
Tot Ion: 94 Resp: 31902

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

66 35.5 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 9.56 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099529.D

Acq: 15 Oct 2017 22:33

Tgt Ion: 70 Resp: 39008

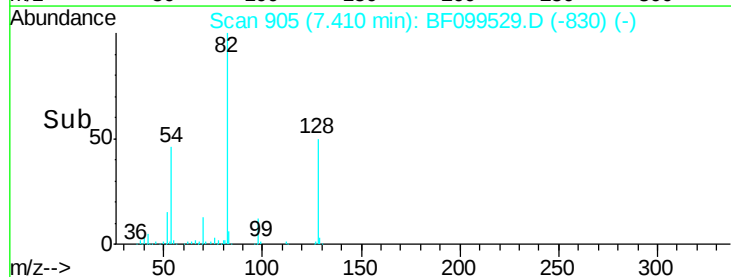
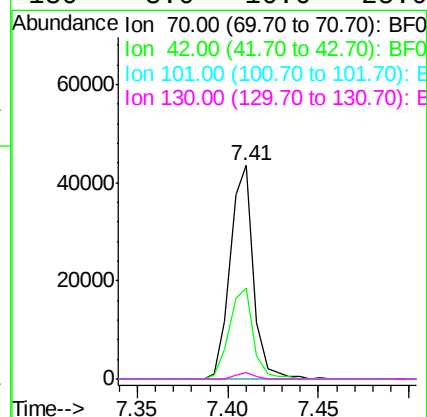
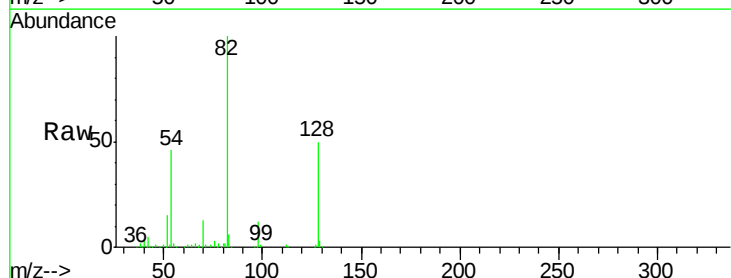
Ion Ratio Lower Upper

70 100

42 42.5 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#

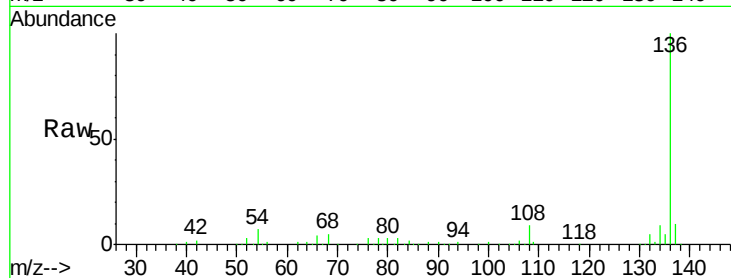




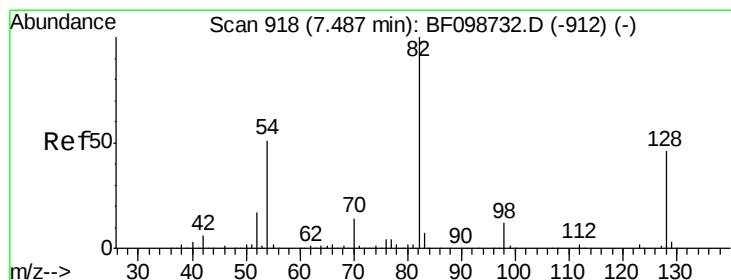
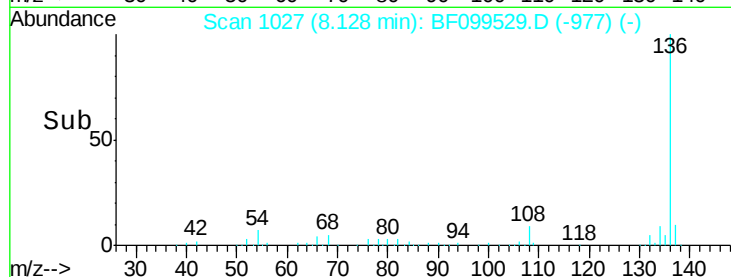
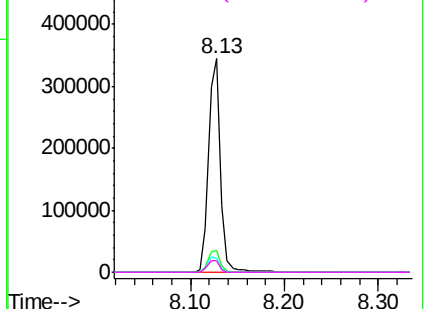
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099529.D
Acq: 15 Oct 2017 22:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	309284
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	6.7	6.6 9.8
68	5.4	5.0 7.4

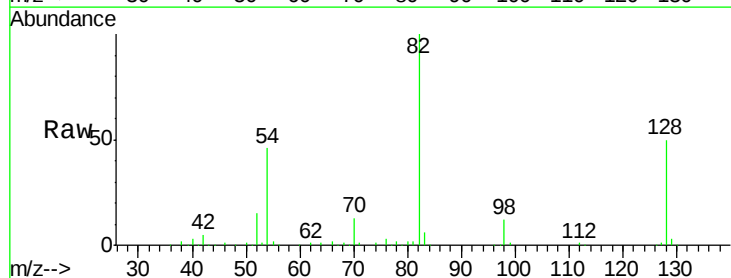


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

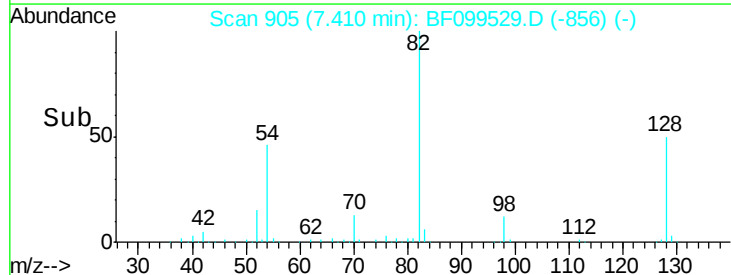
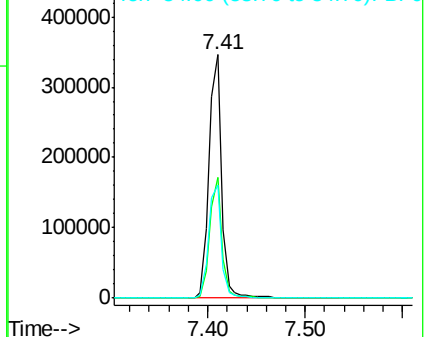


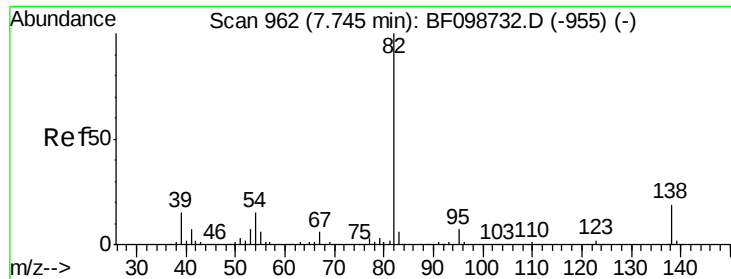
#23
Nitrobenzene-d5
Concen: 64.82 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099529.D
Acq: 15 Oct 2017 22:33

Tgt Ion: 82	Resp:	312604
Ion Ratio	Lower	Upper
82	100	
128	49.6	36.1 54.1
54	46.4	41.4 62.2



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





#25

Isophorone

Concen: 31.35 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099529.D

Acq: 15 Oct 2017 22:33

Instrument :

BNA_F

ClientSampled :

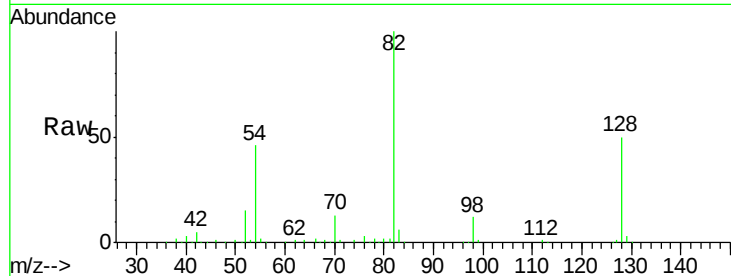
Tot Ion: 82 Resp: 312601

Ion Ratio Lower Upper

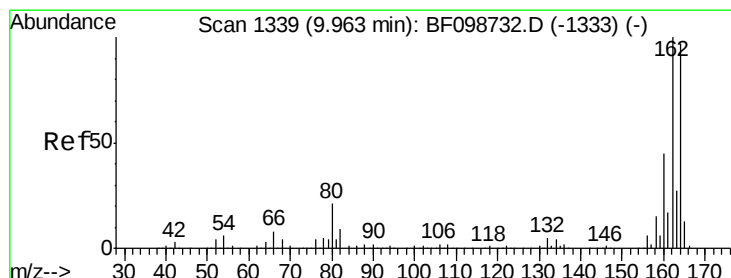
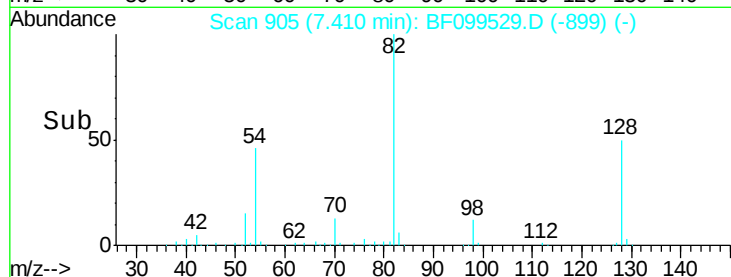
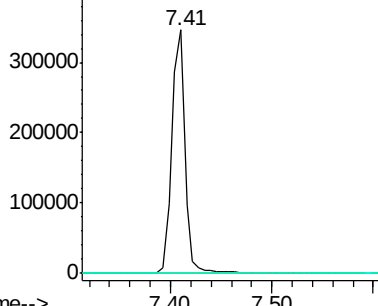
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099529.D

Acq: 15 Oct 2017 22:33

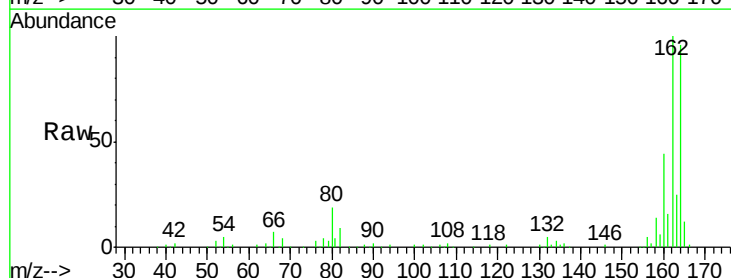
Tgt Ion: 164 Resp: 113492

Ion Ratio Lower Upper

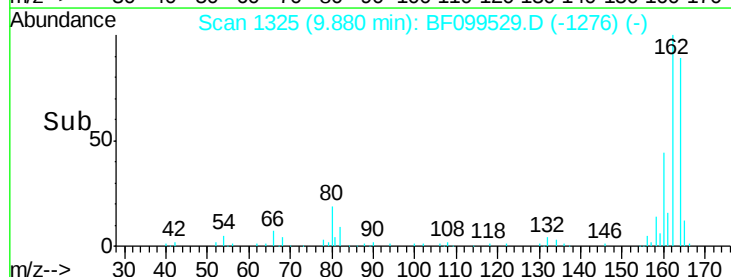
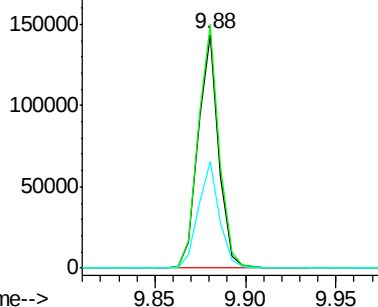
164 100

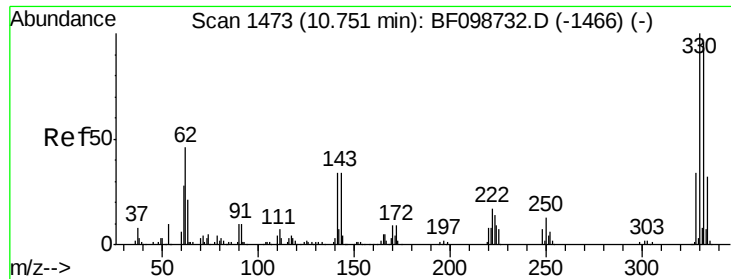
162 104.3 86.1 129.1

160 45.6 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

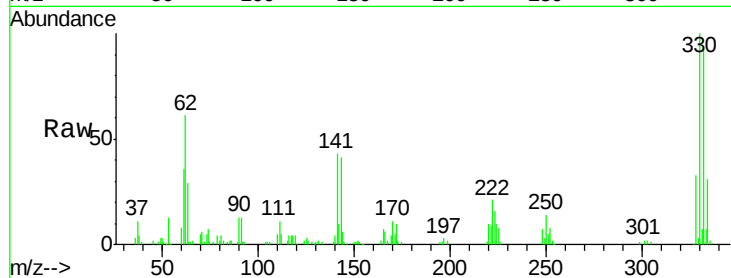




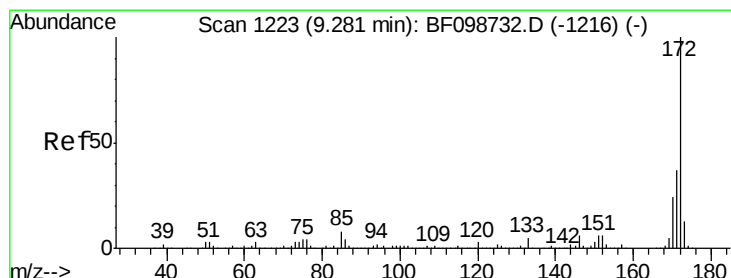
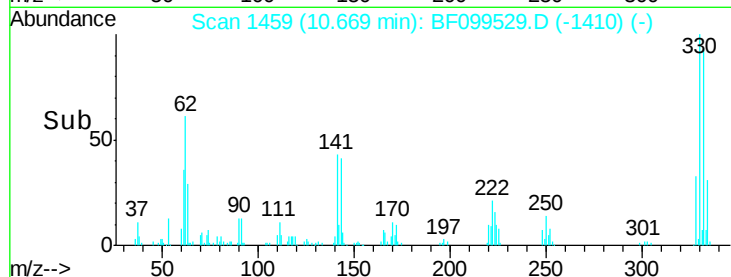
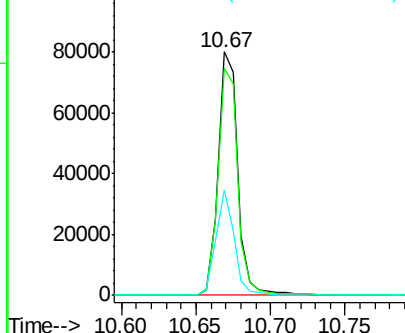
#41
 2,4,6-Tribromophenol
 Concen: 79.87 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF099529.D
 Acq: 15 Oct 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 74177
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 39.8 29.9 44.9

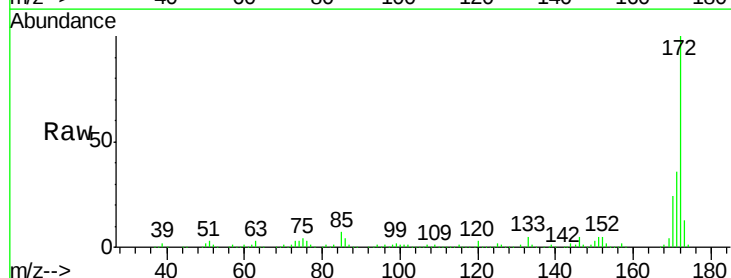


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

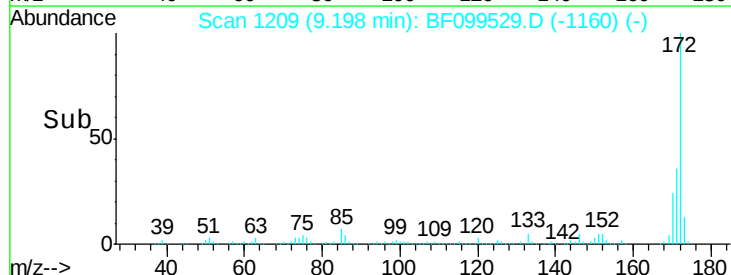
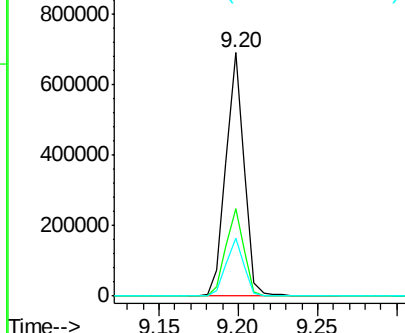


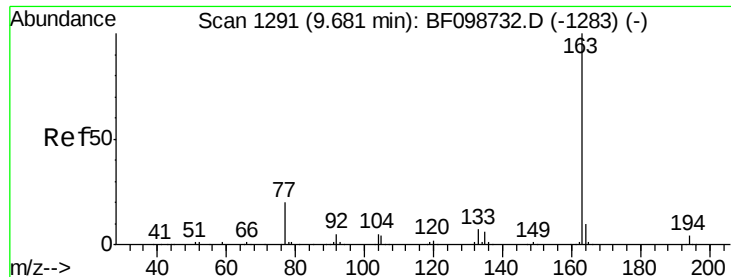
#44
 2-Fluorobiphenyl
 Concen: 80.88 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099529.D
 Acq: 15 Oct 2017 22:33

Tgt Ion:172 Resp: 549857
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 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

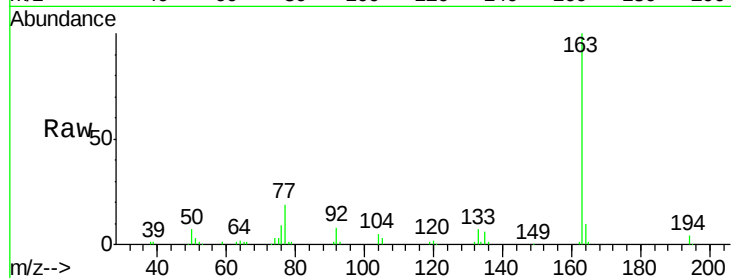




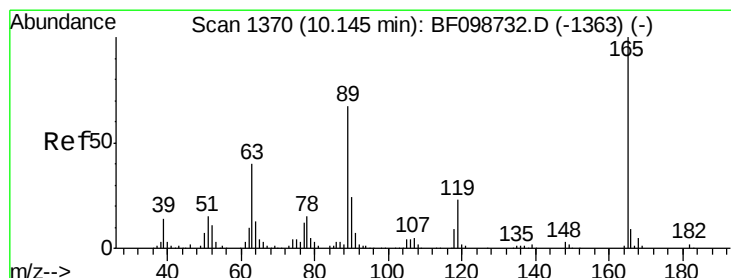
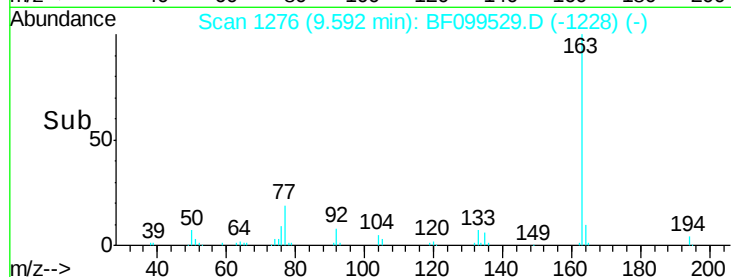
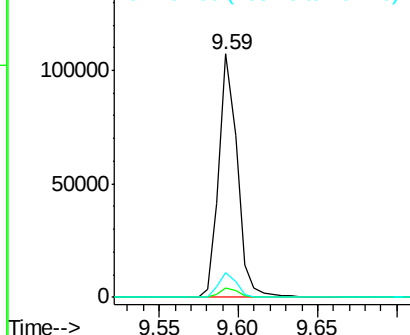
#49
Dimethylphthalate
Concen: 10.18 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099529.D
Acq: 15 Oct 2017 22:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 87196
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

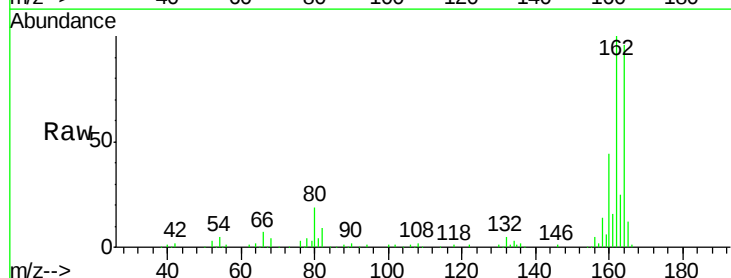


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

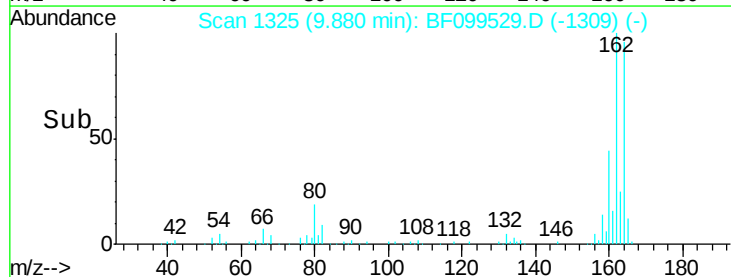
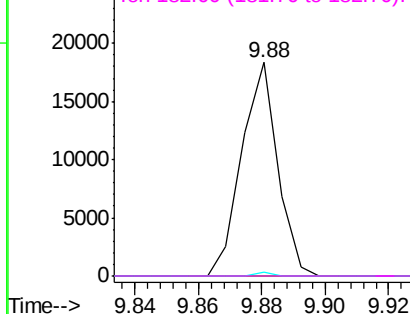


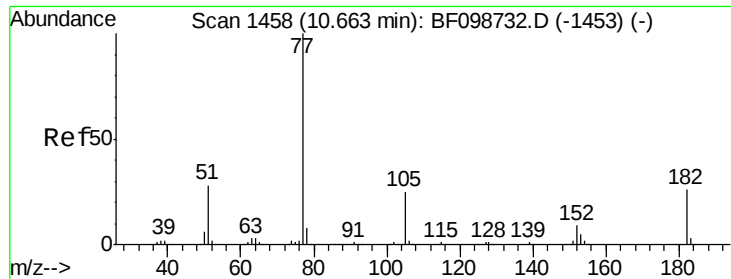
#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099529.D
Acq: 15 Oct 2017 22:33

Tgt Ion:165 Resp: 14392
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.7 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): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#62

Azobenzene

Concen: 5.98 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF099529.D

Acq: 15 Oct 2017 22:33

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 46043

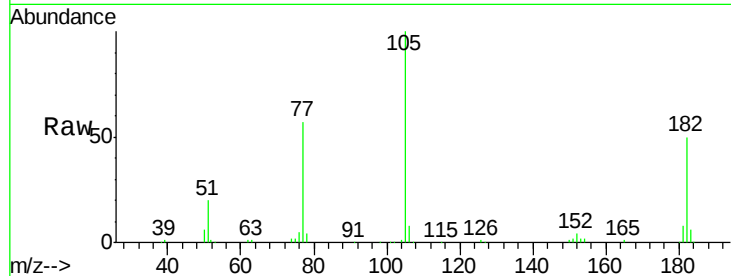
Ion Ratio Lower Upper

77 100

182 88.7 1.7 41.7#

105 175.9 3.0 43.0#

51 34.8 9.9 49.9

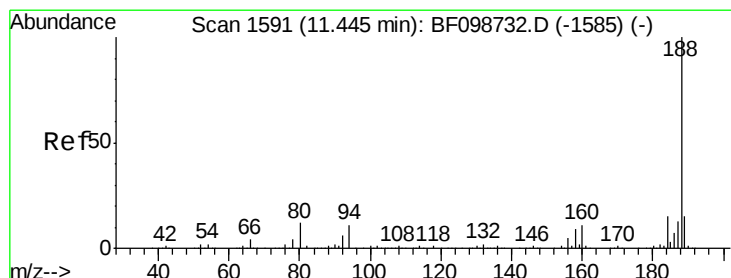
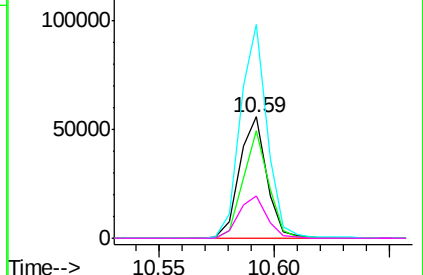
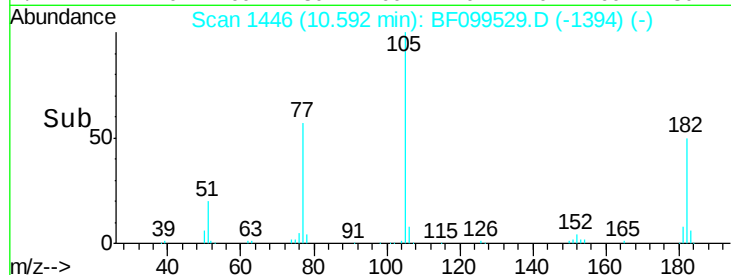


Abundance Ion 77.00 (76.70 to 77.70): BF0

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): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF099529.D

Acq: 15 Oct 2017 22:33

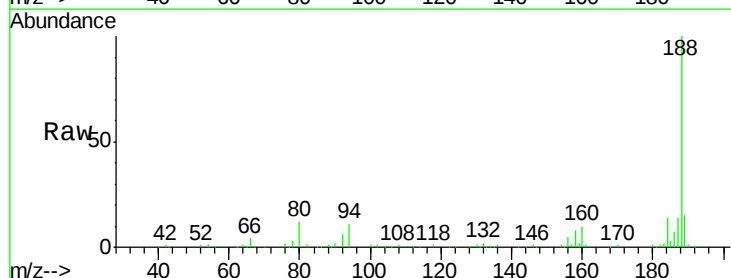
Tgt Ion: 188 Resp: 161878

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

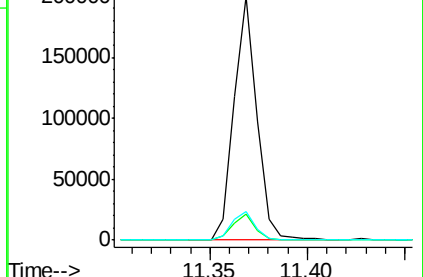
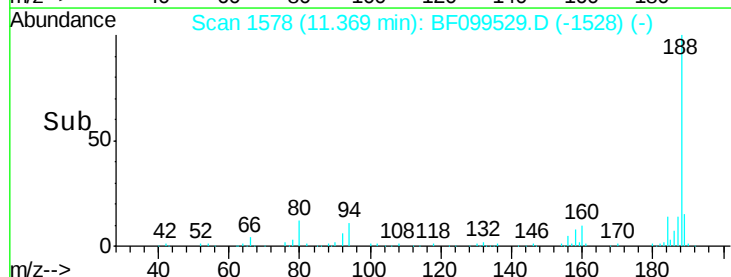
80 11.6 9.2 13.8

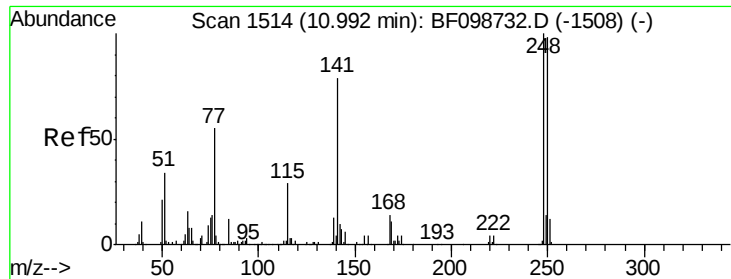


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

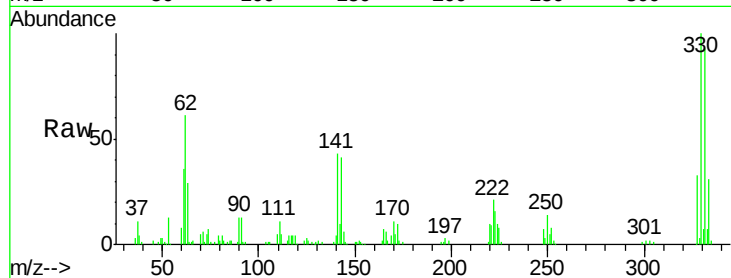




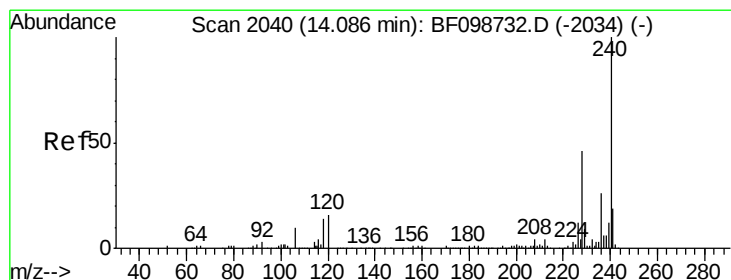
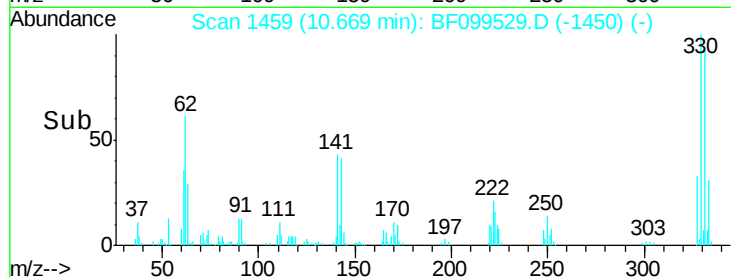
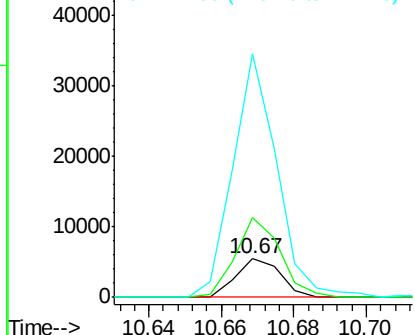
#66
4-Bromophenyl-phenylether
Concen: 2.98 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF099529.D
Acq: 15 Oct 2017 22:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 4723
Ion Ratio Lower Upper
248 100
250 208.6 76.9 115.3#
141 634.7 74.4 111.6#

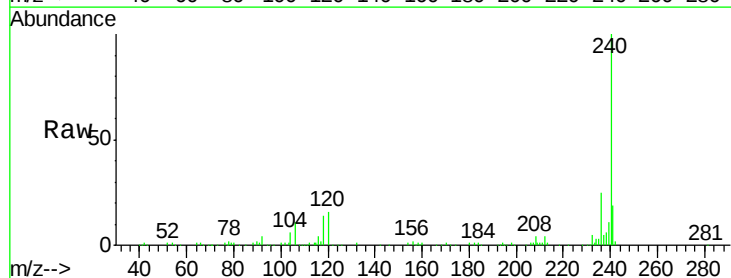


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

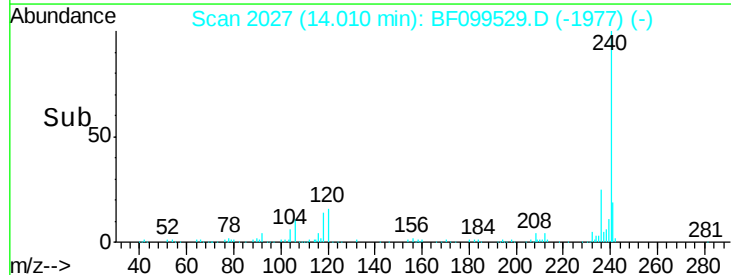
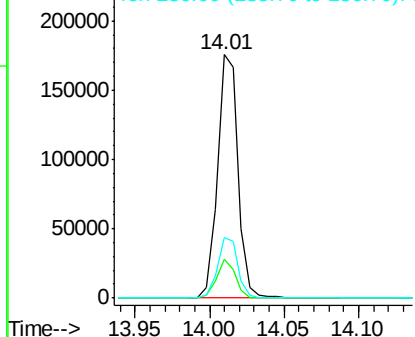


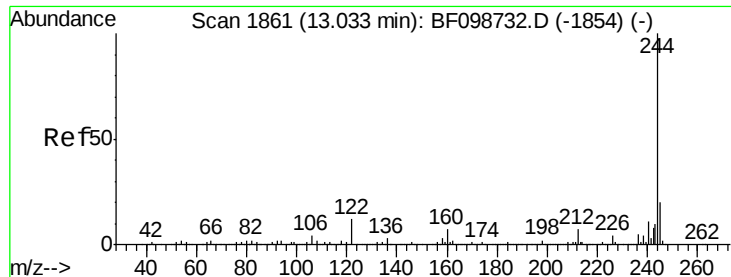
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099529.D
Acq: 15 Oct 2017 22:33

Tgt Ion:240 Resp: 169390
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 25.1 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

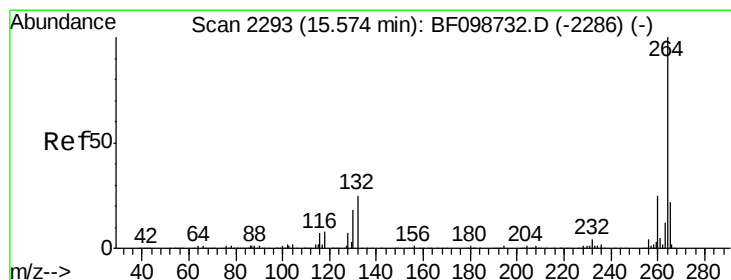
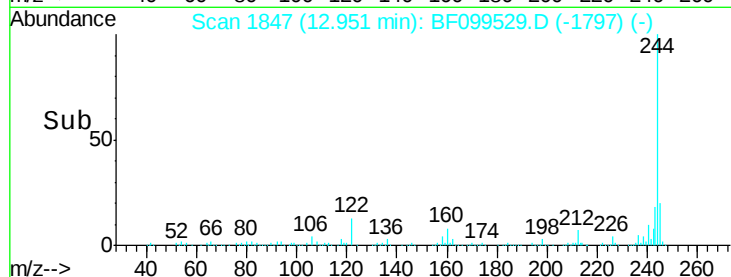
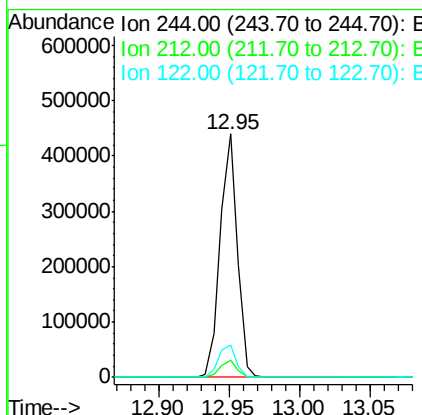
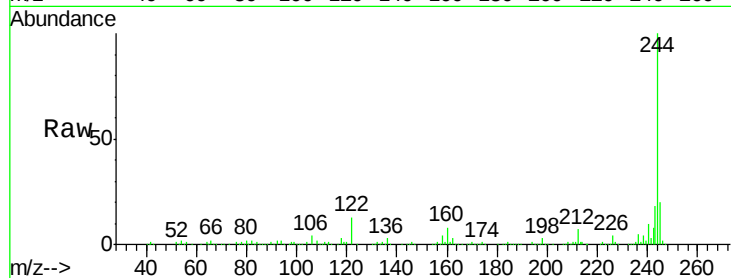




#78
 Terphenyl-d14
 Concen: 50.13 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099529.D
 Acq: 15 Oct 2017 22:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 373385
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099529.D
 Acq: 15 Oct 2017 22:33

Tgt Ion:264 Resp: 151849
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.0 17.5 26.3

