

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099489.D
 Acq On : 14 Oct 2017 21:02
 Operator : SJ/JU
 Sample : I5865-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:10:11 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

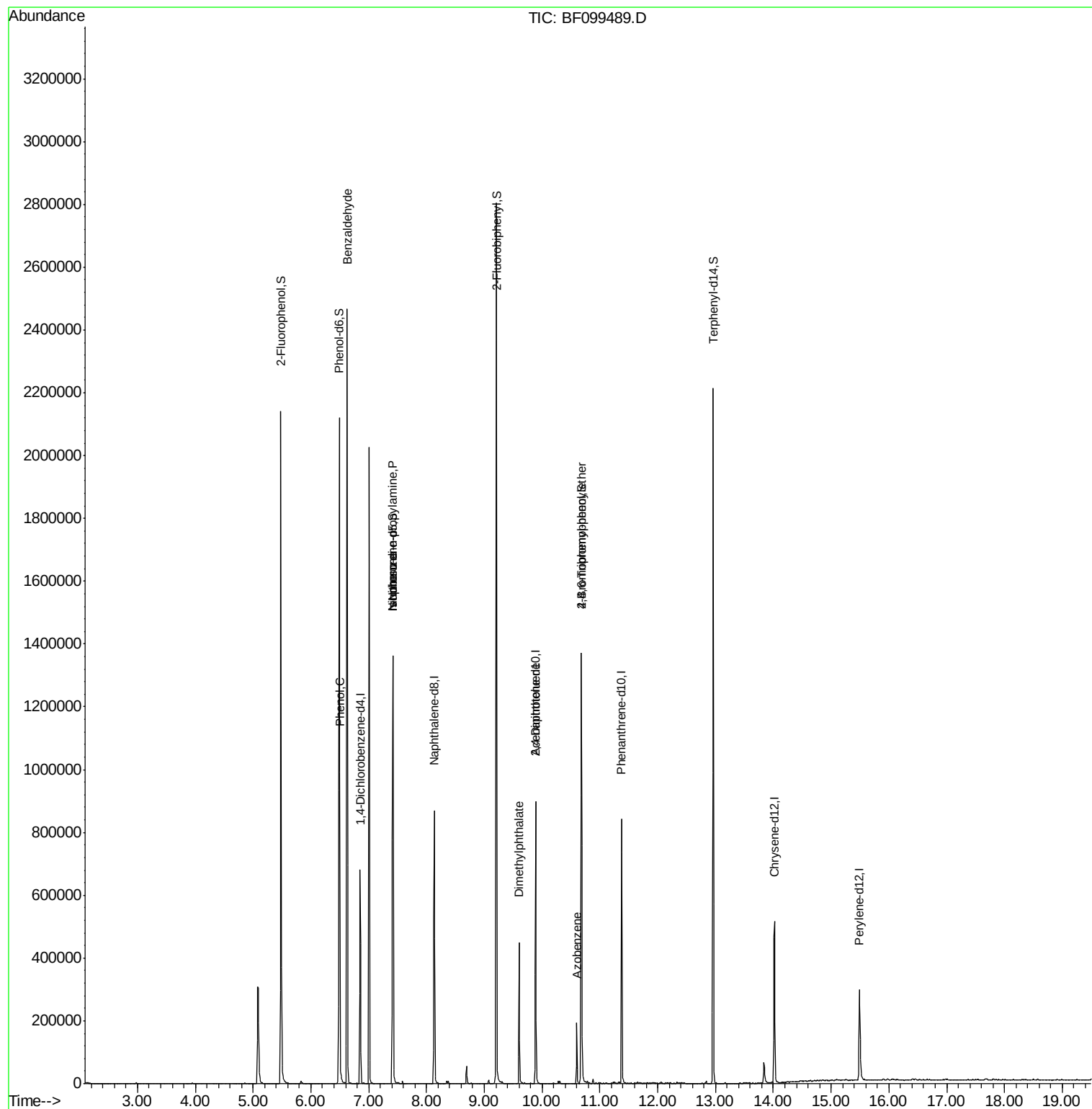
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95651	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	398019	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	181264	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	309220	20.00	ng	0.00
75) Chrysene-d12	14.02	240	179026	20.00	ng	0.00
86) Perylene-d12	15.49	264	147223	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	692735	115.29	ng	0.01
7) Phenol-d6	6.49	99	829378	111.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	509188	82.04	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	160014	107.88	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	939415	86.52	ng	0.00
78) Terphenyl-d14	12.96	244	730471	92.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13346	3.104	ng	88
10) Phenol	6.50	94	41532	5.010	ng	96
19) n-Nitroso-di-n-propylamine	7.42	70	64991	13.733	ng	# 76
25) Isophorone	7.42	82	509184	39.681	ng	# 64
49) Dimethylphthalate	9.60	163	202349	14.791	ng	98
56) 2,4-Dinitrotoluene	9.89	165	22905	5.926	ng	# 22
62) Azobenzene	10.60	77	36190	2.944	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	10463	3.457	ng	# 1

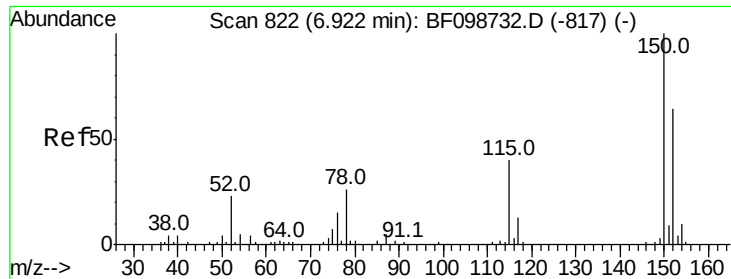
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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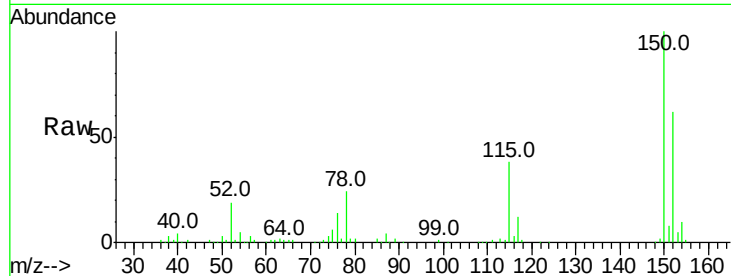


#1

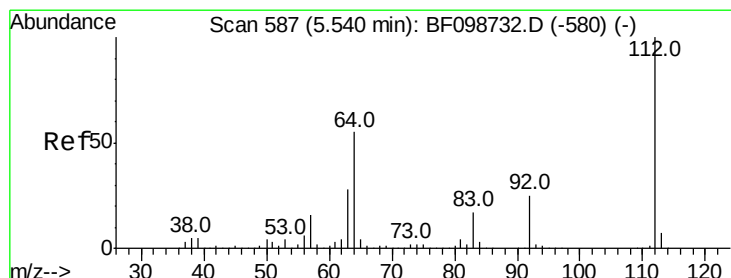
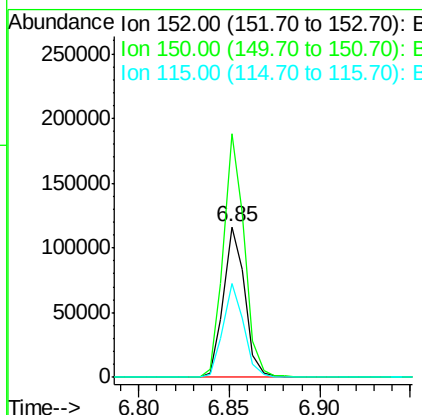
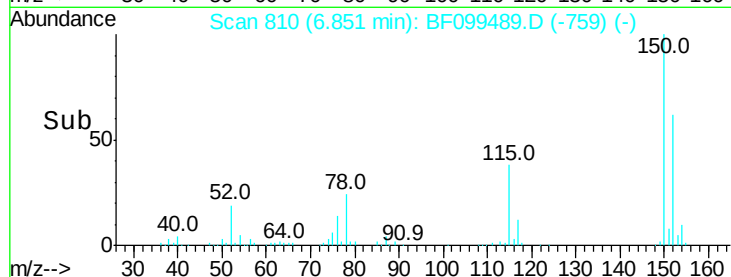
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099489.D
Acq: 14 Oct 2017 21:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 95651
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 62.2 50.1 75.1



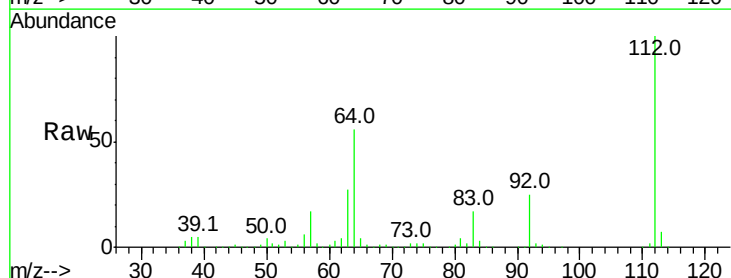
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



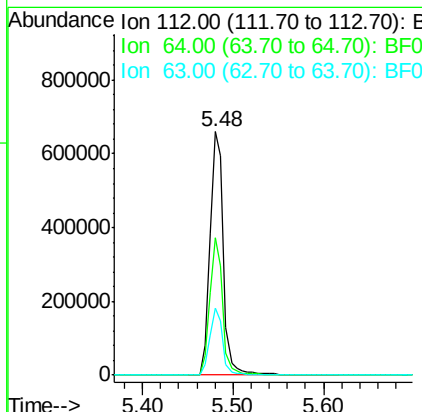
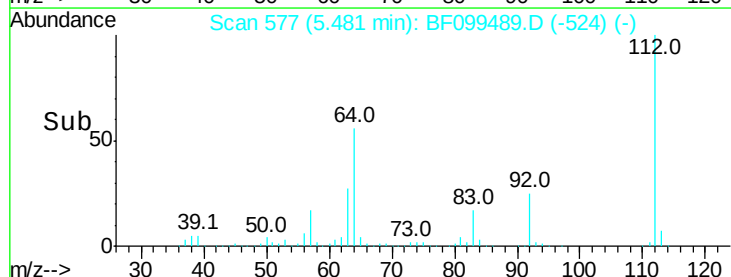
#5

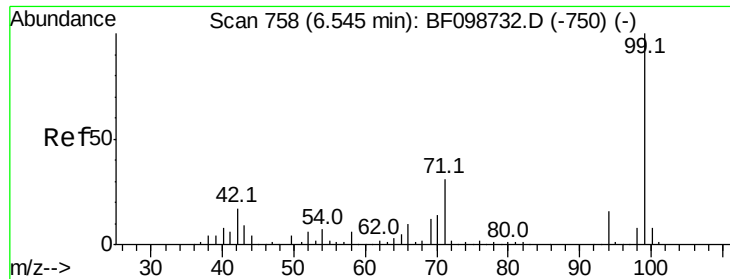
2-Fluorophenol
Concen: 115.291 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099489.D
Acq: 14 Oct 2017 21:02

Tgt Ion:112 Resp: 692735
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 27.5 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: 111.892 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099489.D

Acq: 14 Oct 2017 21:02

Instrument :

BNA_F

ClientSampled :

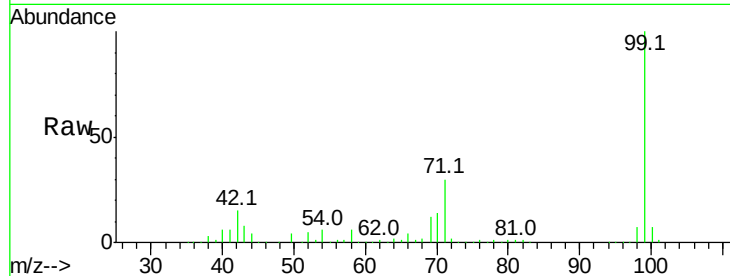
Tot Ion: 99 Resp: 829378

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

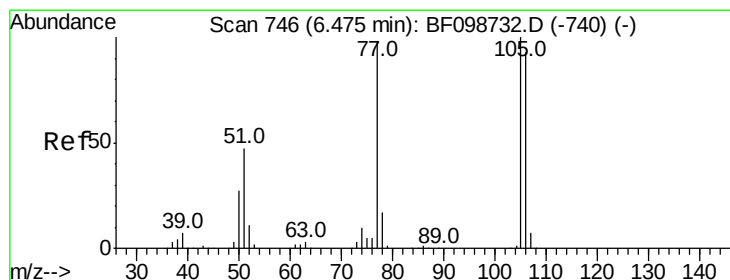
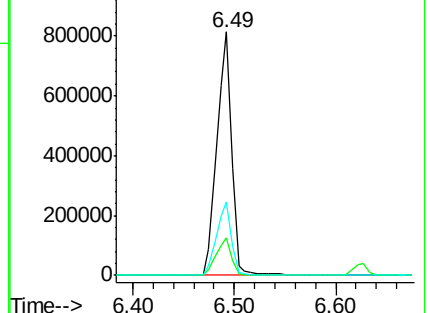
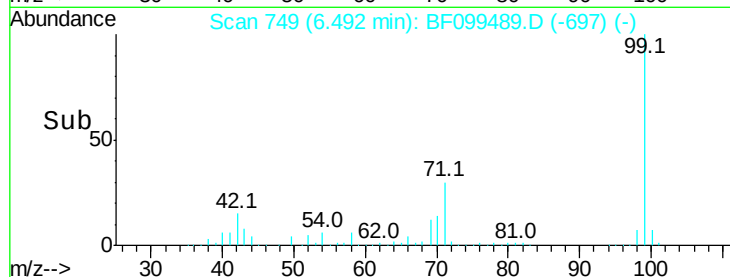
71 30.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.104 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099489.D

Acq: 14 Oct 2017 21:02

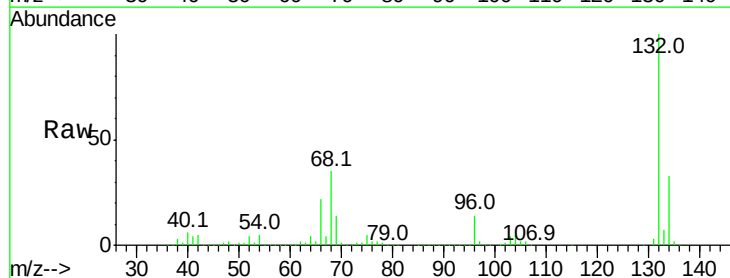
Tgt Ion: 77 Resp: 13346

Ion Ratio Lower Upper

77 100

105 89.8 81.1 121.1

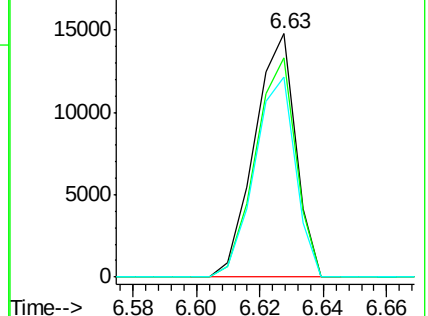
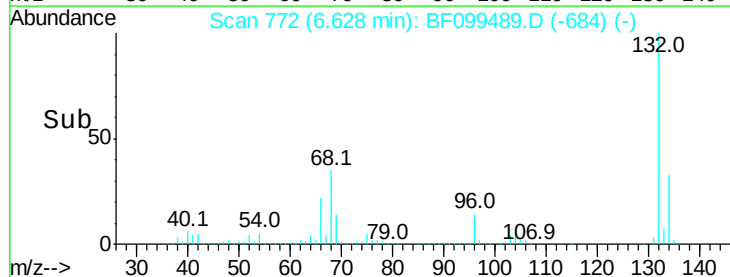
106 82.0 74.5 114.5

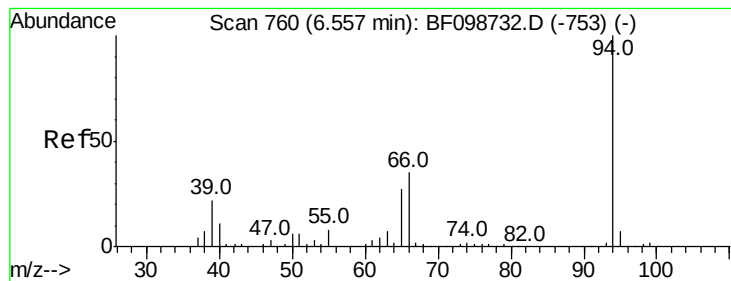


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 5.010 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099489.D

Acq: 14 Oct 2017 21:02

Instrument :

BNA_F

ClientSampleId :

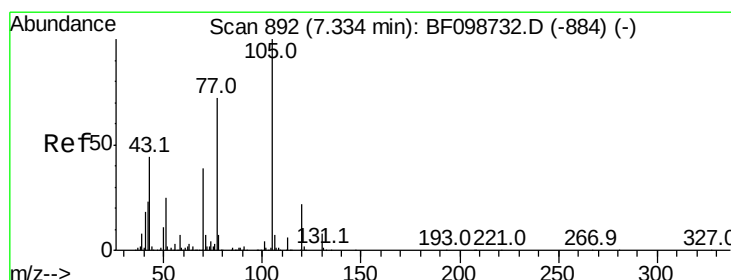
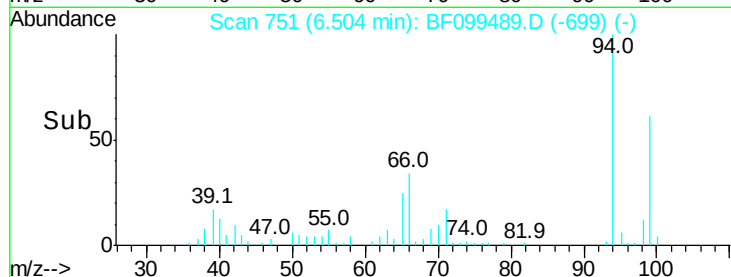
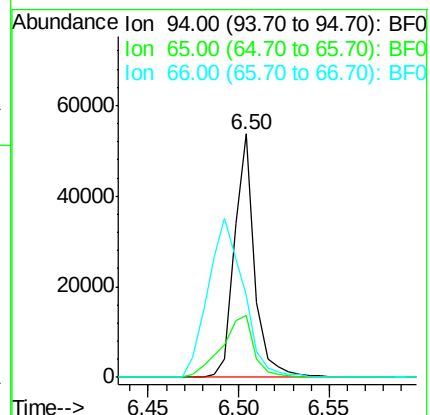
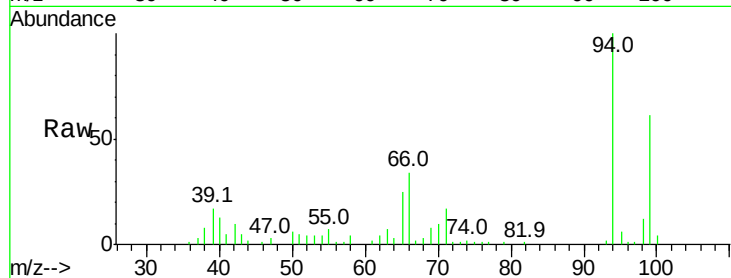
Tot Ion: 94 Resp: 41532

Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

66 33.8 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.733 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099489.D

Acq: 14 Oct 2017 21:02

Tgt Ion: 70 Resp: 64991

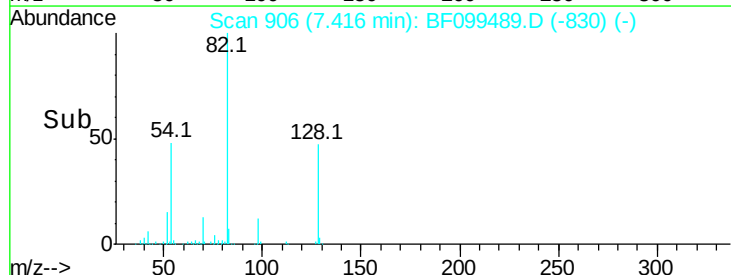
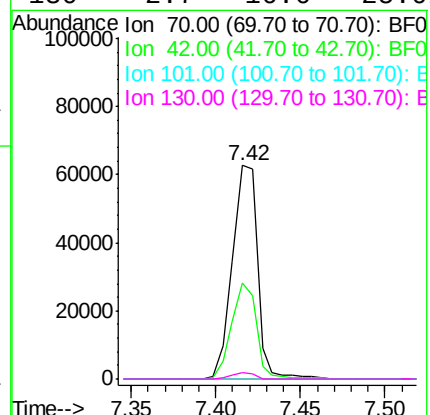
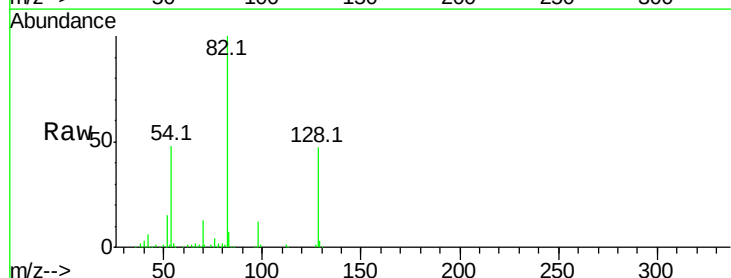
Ion Ratio Lower Upper

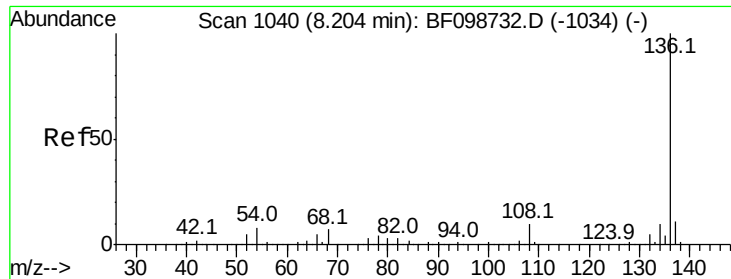
70 100

42 45.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

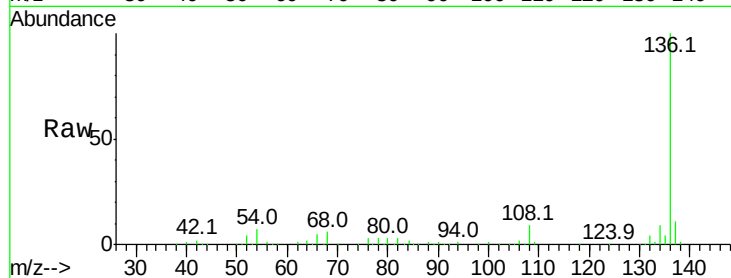




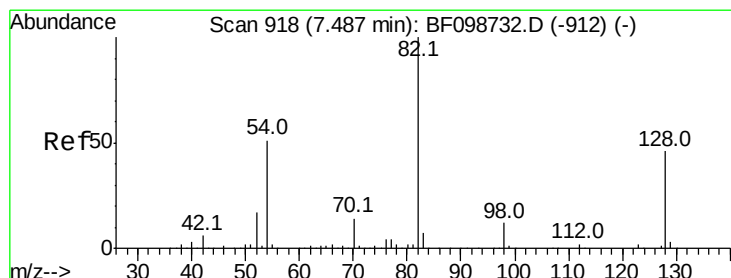
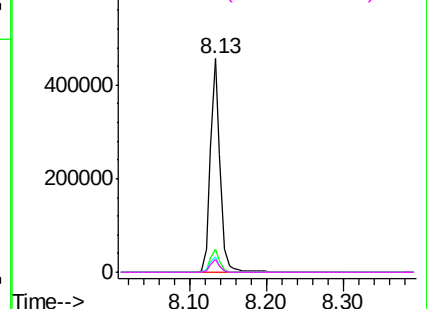
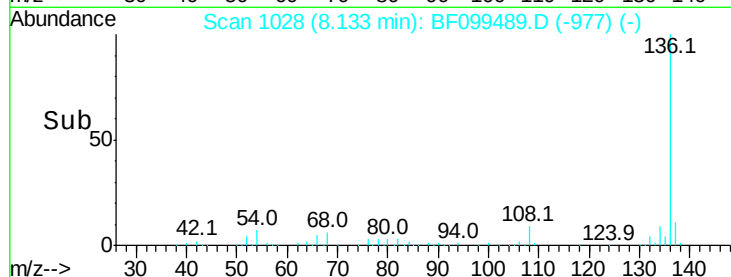
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099489.D
Acq: 14 Oct 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	398019
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	6.0	5.0	7.4

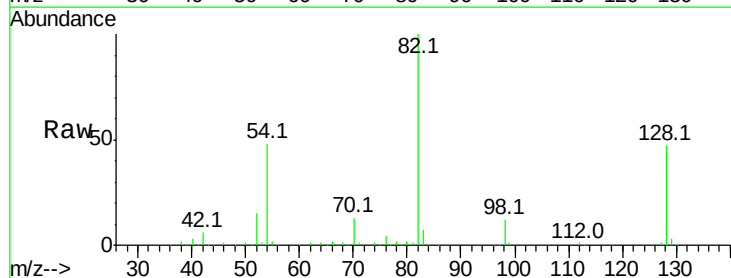


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

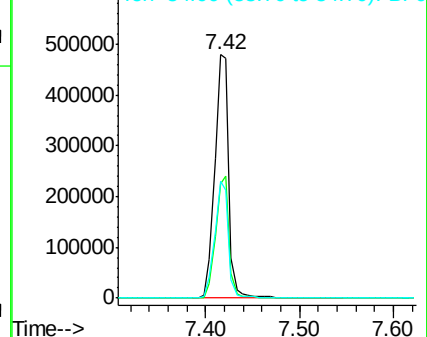
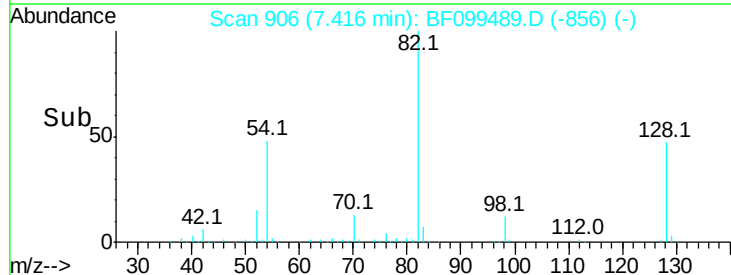


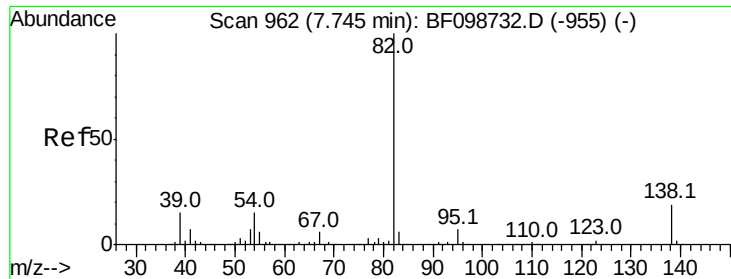
#23
Nitrobenzene-d5
Concen: 82.042 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099489.D
Acq: 14 Oct 2017 21:02

Tgt Ion:	82	Resp:	509188
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	48.1	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





#25

Isophorone

Concen: 39.681 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099489.D

Acq: 14 Oct 2017 21:02

Instrument :

BNA_F

ClientSampleId :

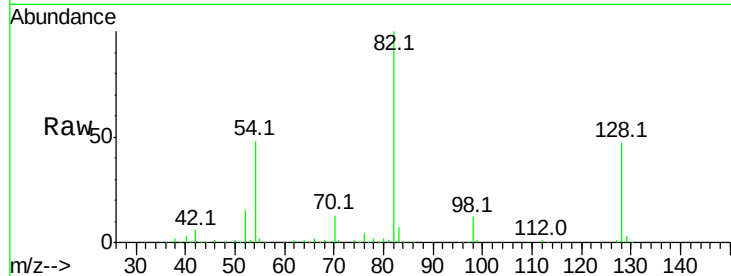
Tot Ion: 82 Resp: 509184

Ion Ratio Lower Upper

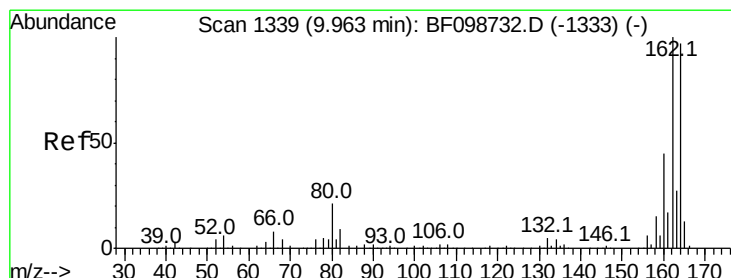
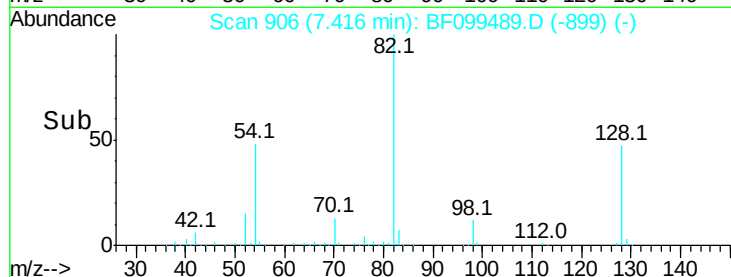
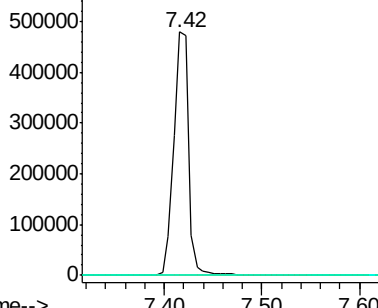
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099489.D

Acq: 14 Oct 2017 21:02

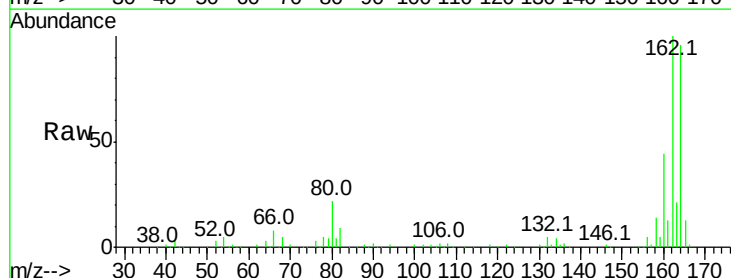
Tgt Ion: 164 Resp: 181264

Ion Ratio Lower Upper

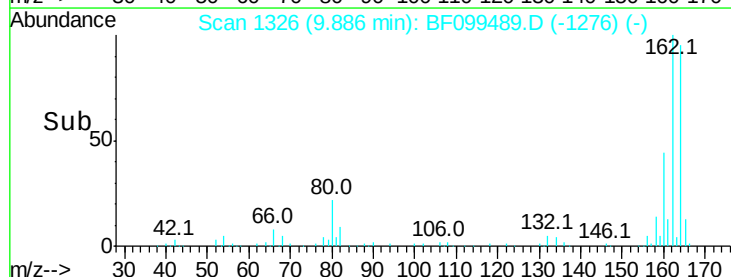
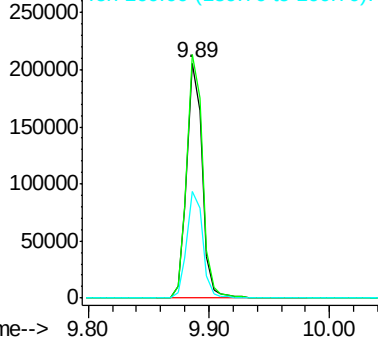
164 100

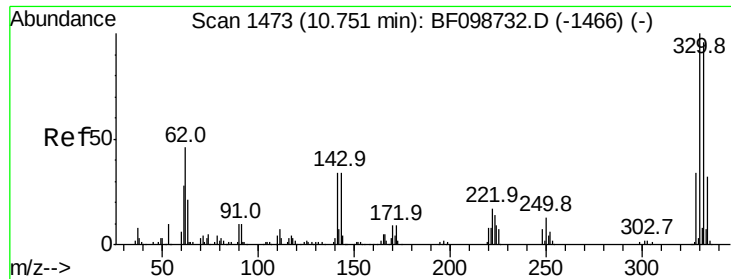
162 103.7 86.1 129.1

160 45.5 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

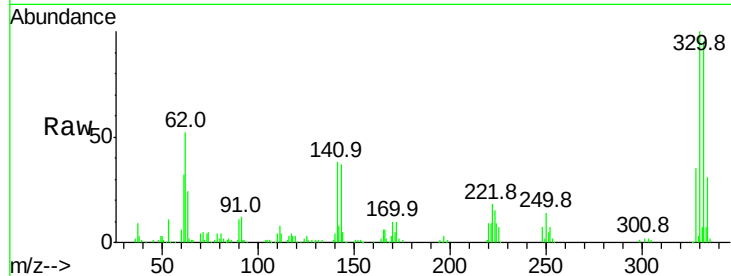




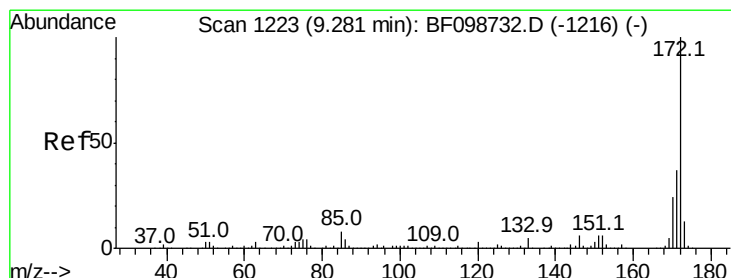
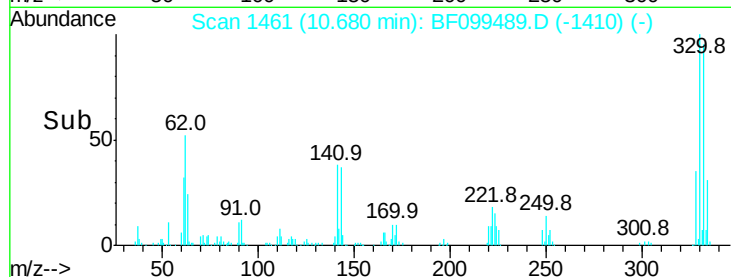
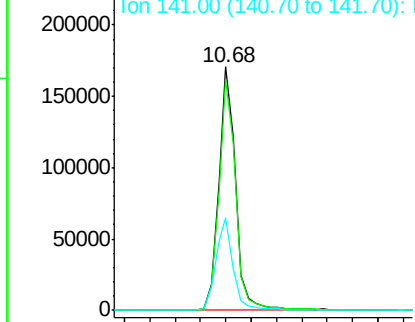
#41
 2,4,6-Tribromophenol
 Concen: 107.882 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099489.D
 Acq: 14 Oct 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	39.1	29.9	44.9

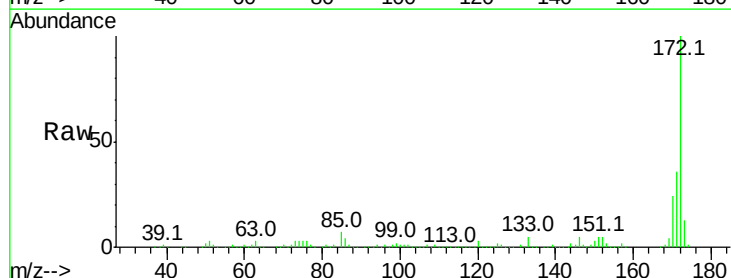


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

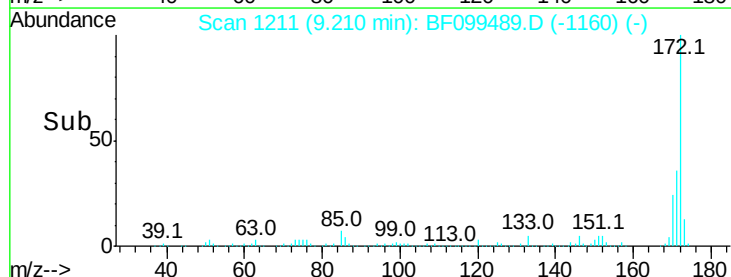
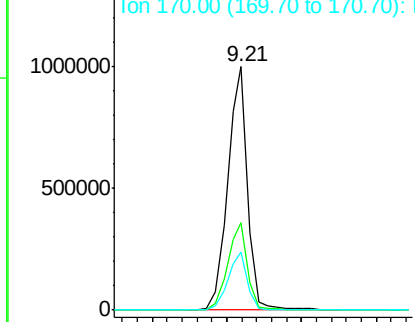


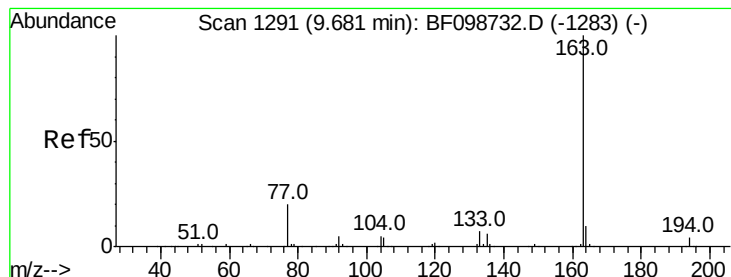
#44
 2-Fluorobiphenyl
 Concen: 86.519 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099489.D
 Acq: 14 Oct 2017 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	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: 14.791 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF099489.D

Acq: 14 Oct 2017 21:02

Instrument :

BNA_F

ClientSampleId :

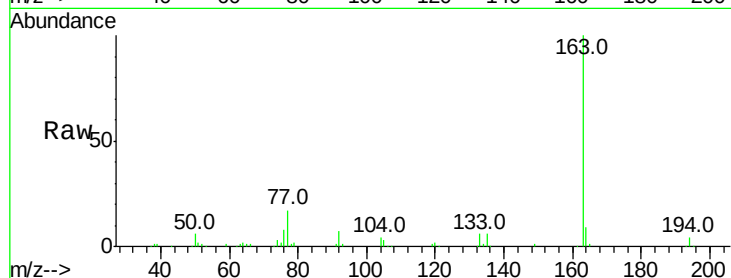
Tot Ion:163 Resp: 202349

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

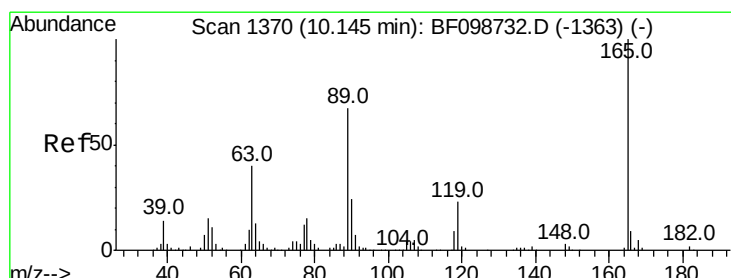
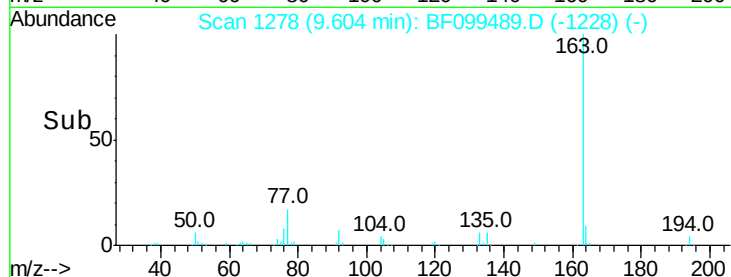
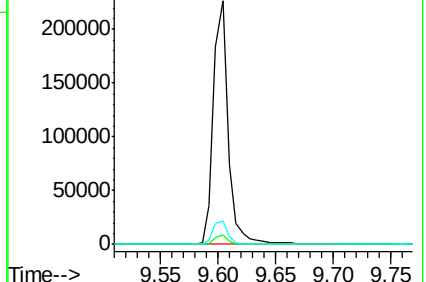
164 9.5 8.2 12.2



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: 5.926 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099489.D

Acq: 14 Oct 2017 21:02

Tgt Ion:165 Resp: 22905

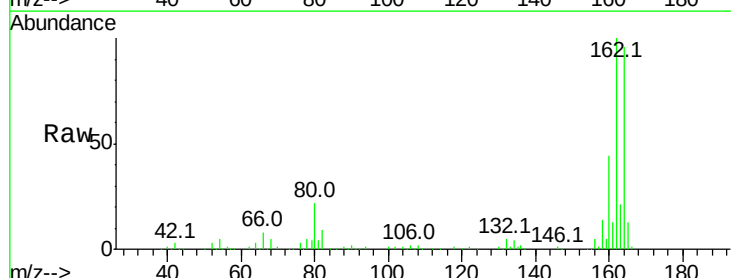
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

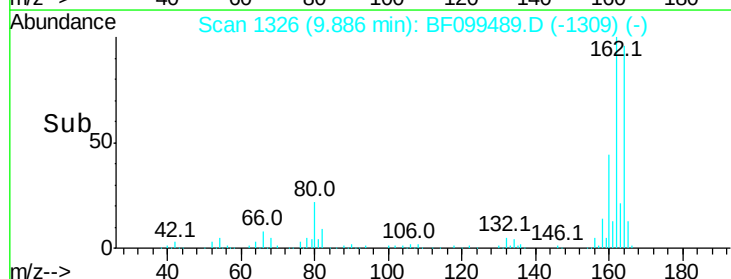
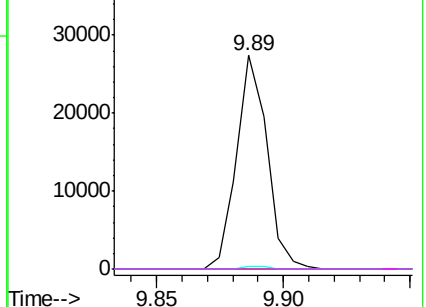


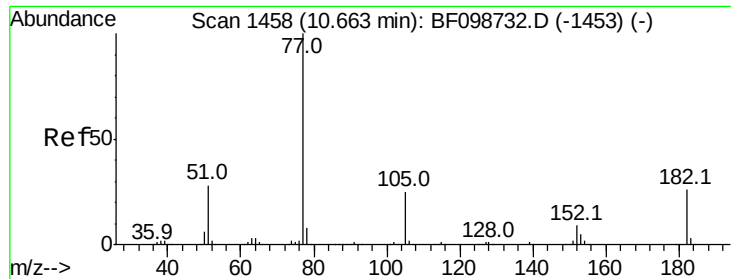
Abundance Ion 165.00 (164.70 to 165.70): E

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: 2.944 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF099489.D

Acq: 14 Oct 2017 21:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 36190

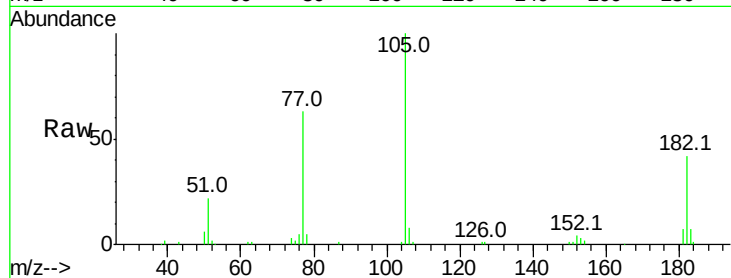
Ion Ratio Lower Upper

77 100

182 66.9 1.7 41.7#

105 159.5 3.0 43.0#

51 35.6 9.9 49.9



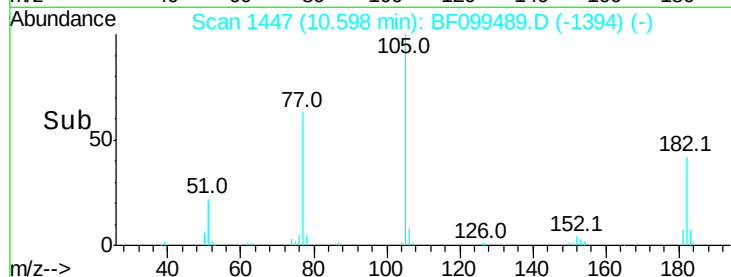
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

Time-->



Abundance

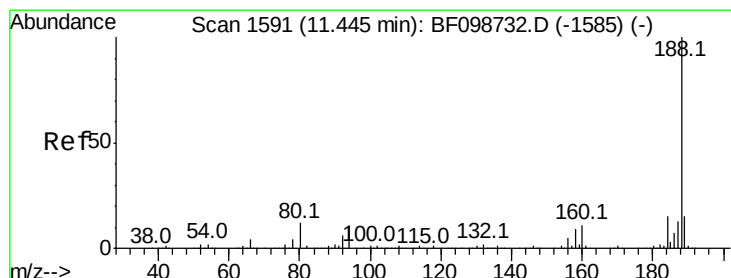
Ion 77.00 (76.70 to 77.70): BF0

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

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF099489.D

Acq: 14 Oct 2017 21:02

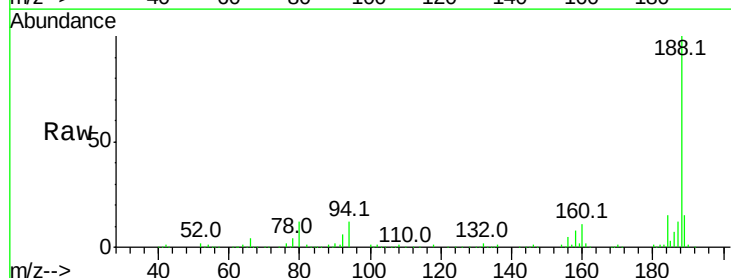
Tgt Ion: 188 Resp: 309220

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

80 12.3 9.2 13.8

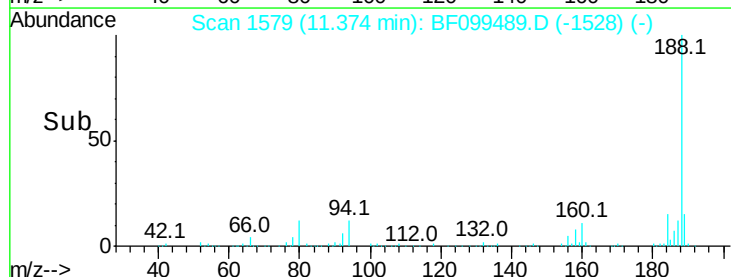


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



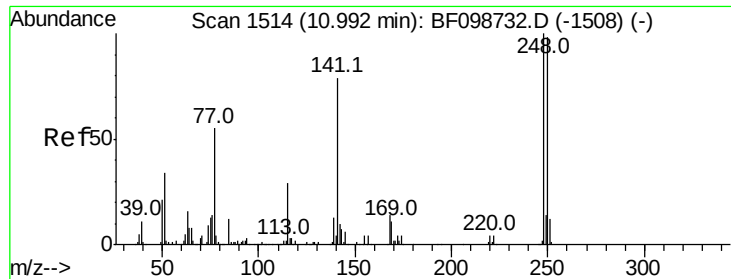
Abundance

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

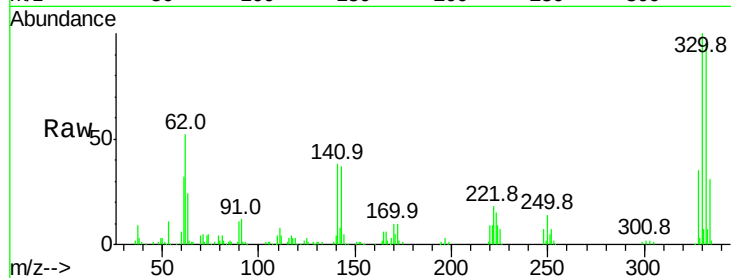
Time-->



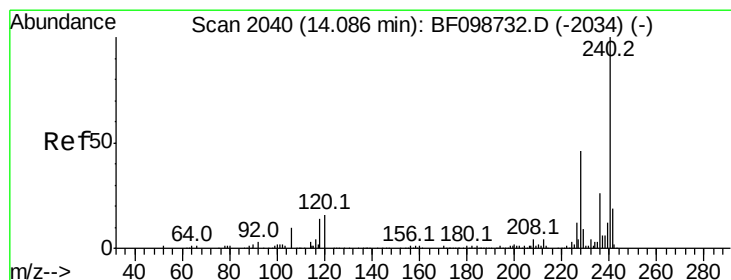
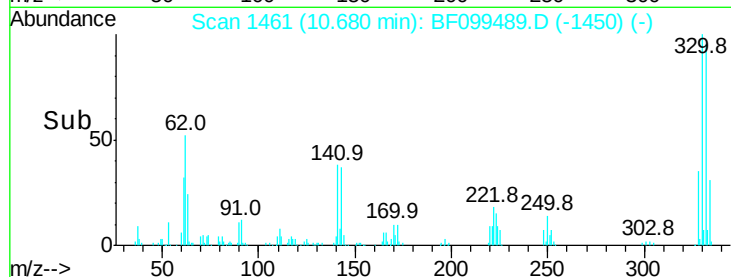
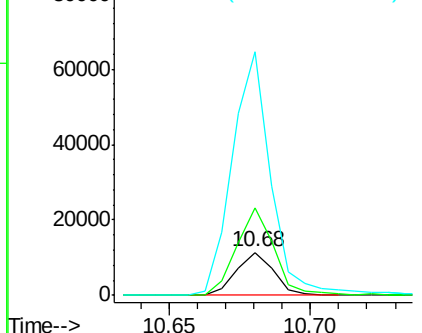
#66
 4-Bromophenyl-phenylether
 Concen: 3.457 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099489.D
 Acq: 14 Oct 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10463
 Ion Ratio Lower Upper
 248 100
 250 204.2 76.9 115.3#
 141 565.5 74.4 111.6#

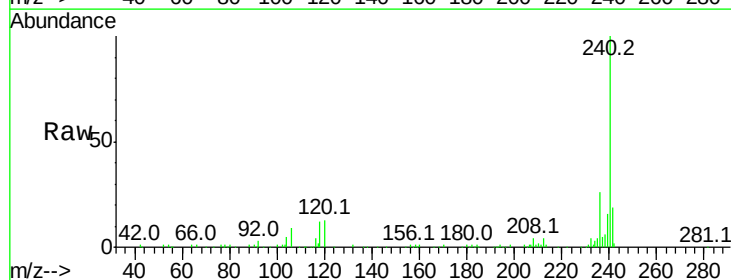


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

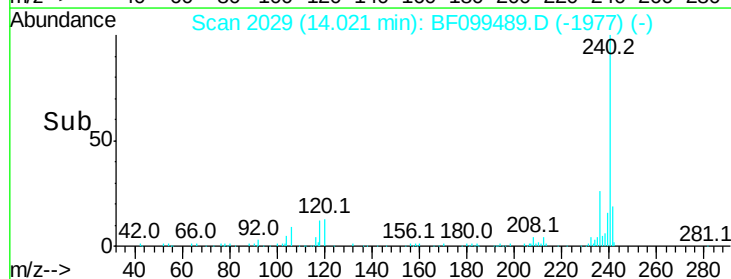
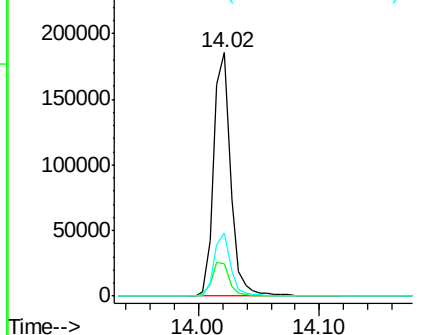


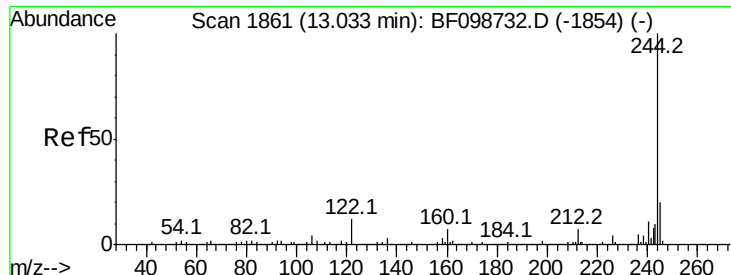
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF099489.D
 Acq: 14 Oct 2017 21:02

Tgt Ion:240 Resp: 179026
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 25.8 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

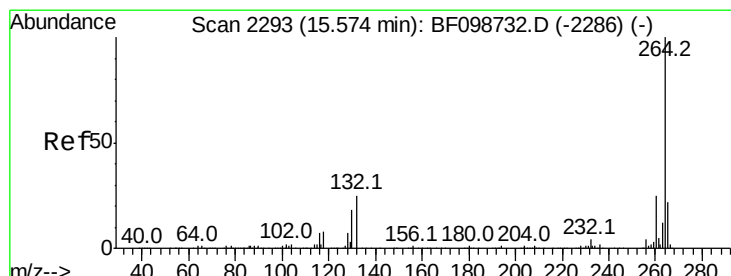
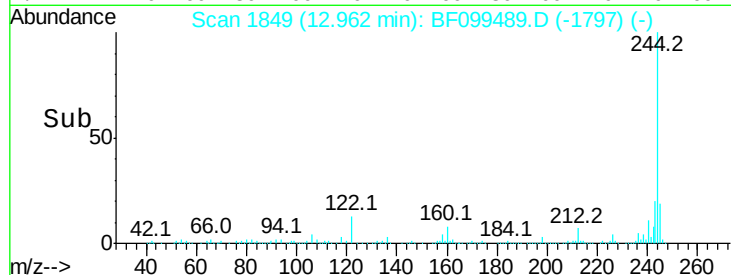
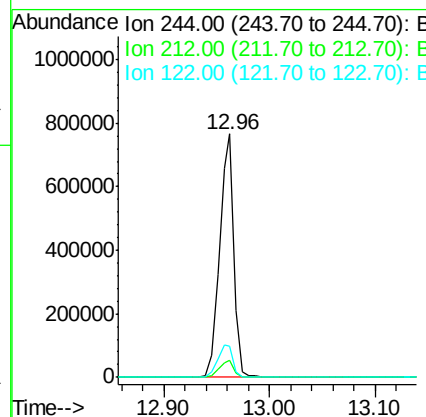
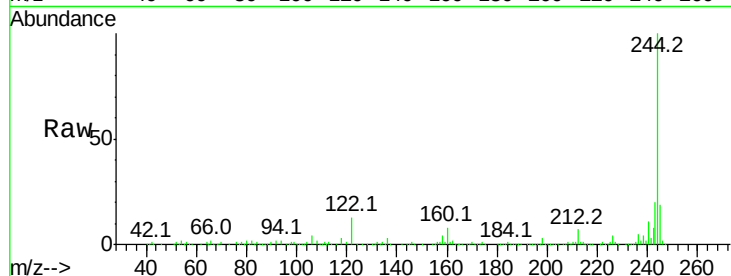




#78
 Terphenyl-d14
 Concen: 92.793 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099489.D
 Acq: 14 Oct 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 730471
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099489.D
 Acq: 14 Oct 2017 21:02

Tgt Ion:264 Resp: 147223
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.0 17.5 26.3

