

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099188.D
 Acq On : 7 Oct 2017 12:21
 Operator : SJ/JU
 Sample : I5585-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:32:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

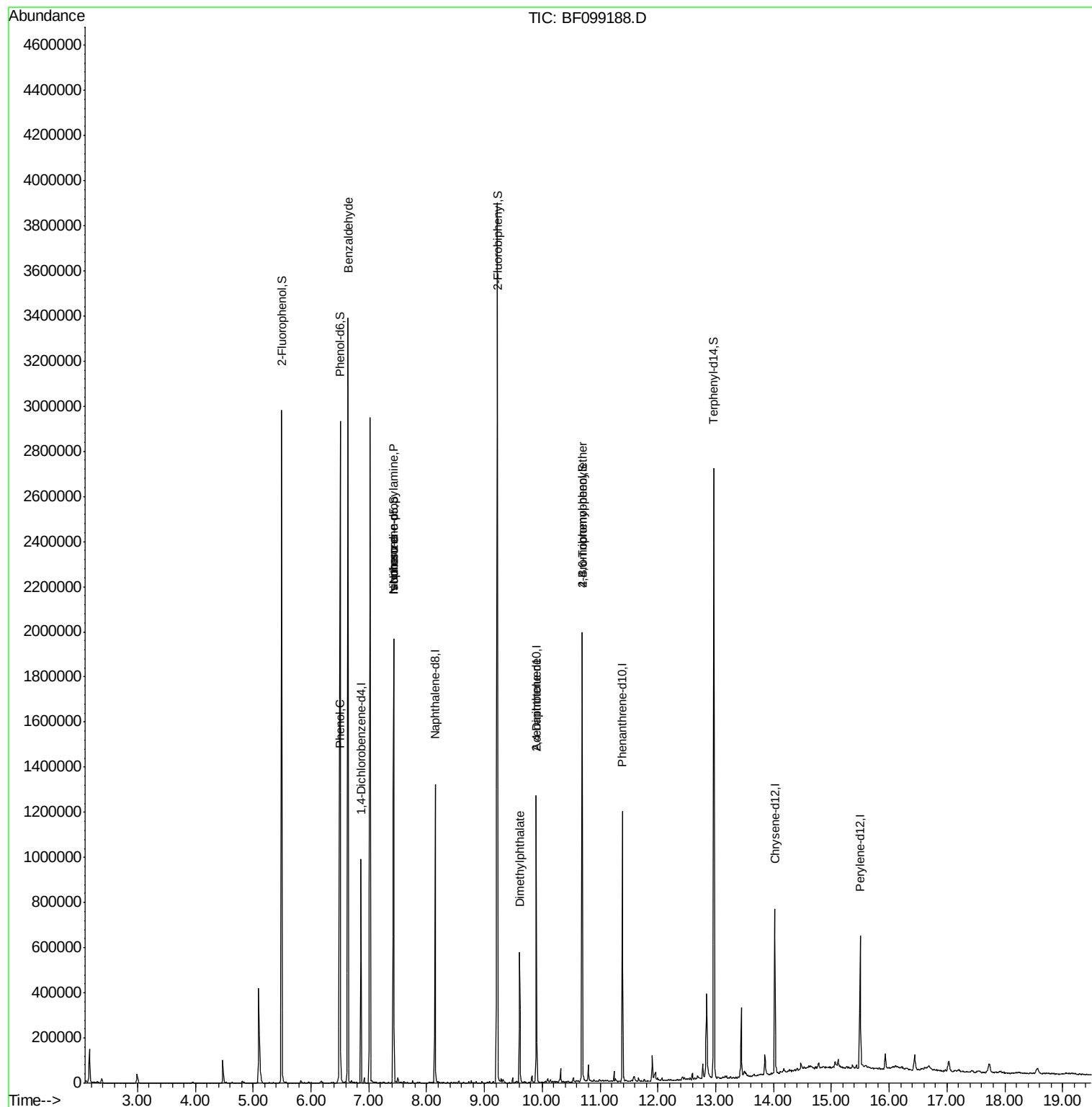
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135937	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	550583	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	239378	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	386997	20.00	ng	0.00
75) Chrysene-d12	14.02	240	233496	20.00	ng	-0.01
86) Perylene-d12	15.50	264	232823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1051234	123.11	ng	0.01
7) Phenol-d6	6.50	99	1279771	121.49	ng	0.00
23) Nitrobenzene-d5	7.43	82	780562	90.92	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	244496	124.82	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1316908	91.84	ng	0.00
78) Terphenyl-d14	12.97	244	926150	90.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	20795	3.403	ng	90
10) Phenol	6.52	94	27249	2.313	ng	93
19) n-Nitroso-di-n-propylamine	7.43	70	100441	14.934	ng	# 75
25) Isophorone	7.43	82	780551	43.974	ng	# 64
49) Dimethylphthalate	9.61	163	207499	11.485	ng	99
56) 2,4-Dinitrotoluene	9.90	165	29841	5.846	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	15983	4.219	ng	# 1

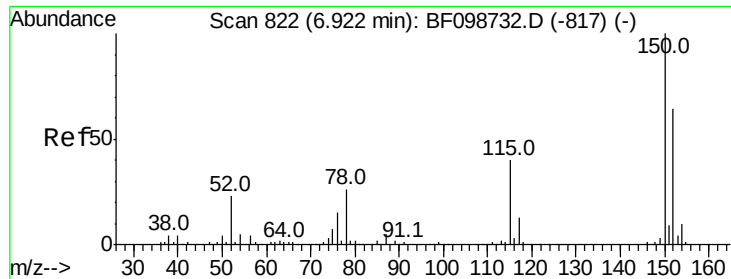
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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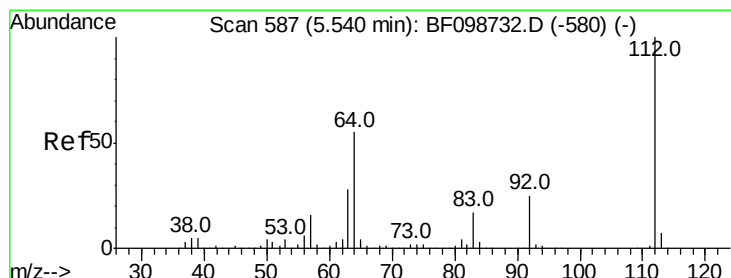
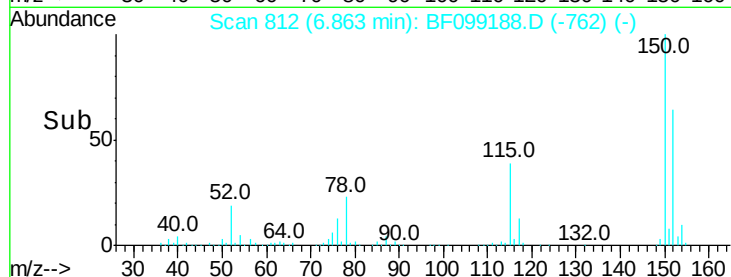
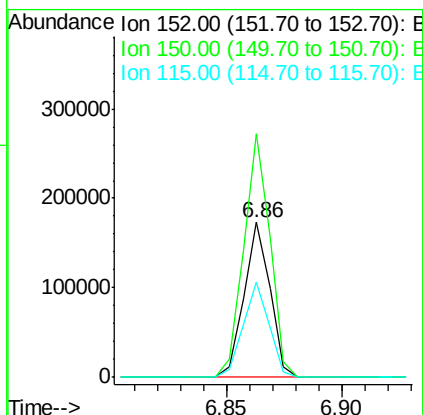
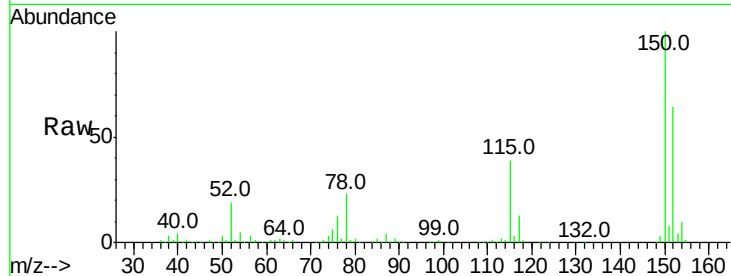


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099188.D
 Acq: 7 Oct 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :

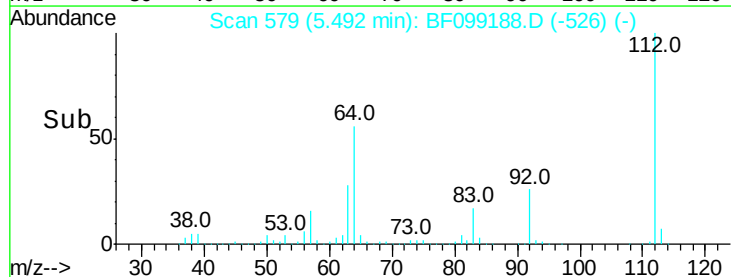
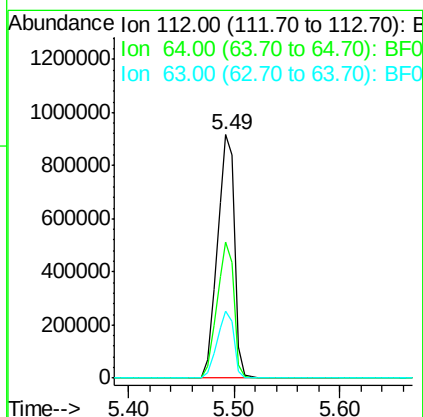
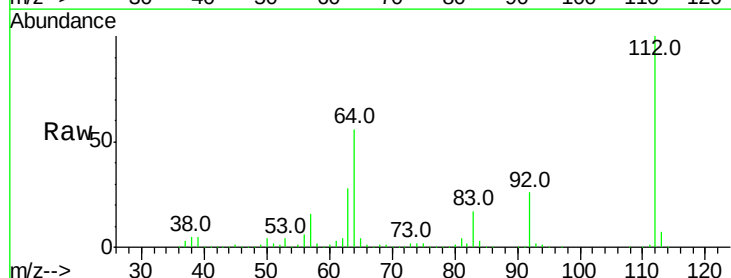
Tot Ion:152 Resp: 135937
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 61.3 50.1 75.1

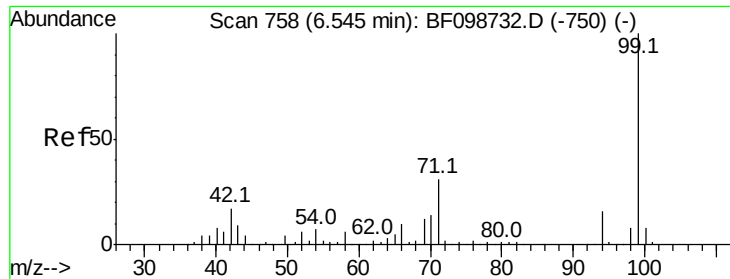


#5

2-Fluorophenol
 Concen: 123.106 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099188.D
 Acq: 7 Oct 2017 12:21

Tgt Ion:112 Resp: 1051234
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 27.6 23.7 35.5





#7

Phenol-d6

Concen: 121.487 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099188.D

Acq: 7 Oct 2017 12:21

Instrument :

BNA_F

ClientSampled :

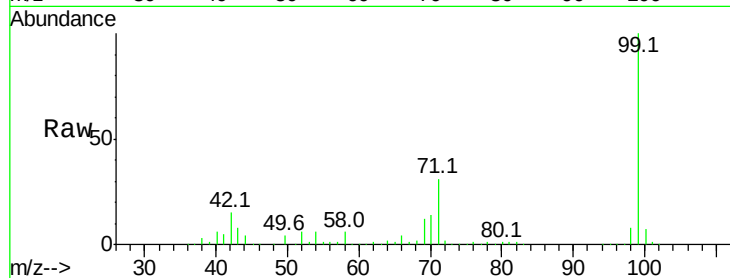
Tot Ion: 99 Resp: 1279771

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

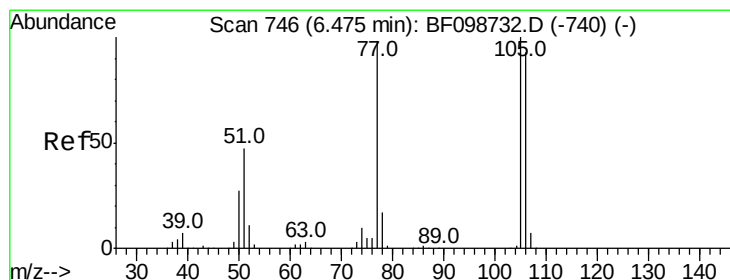
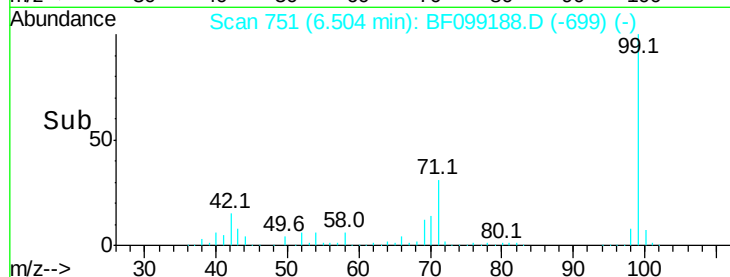
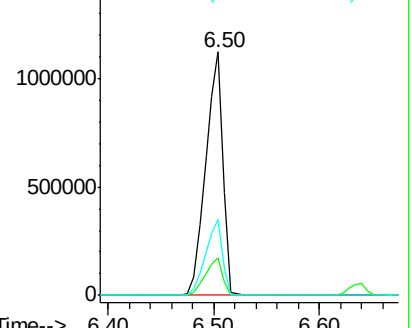
71 31.1 25.4 38.0



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: 3.403 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099188.D

Acq: 7 Oct 2017 12:21

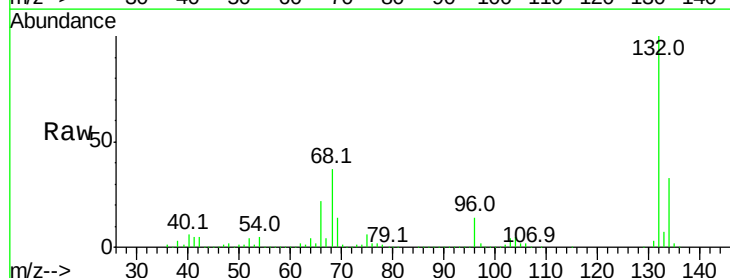
Tgt Ion: 77 Resp: 20795

Ion Ratio Lower Upper

77 100

105 88.5 81.1 121.1

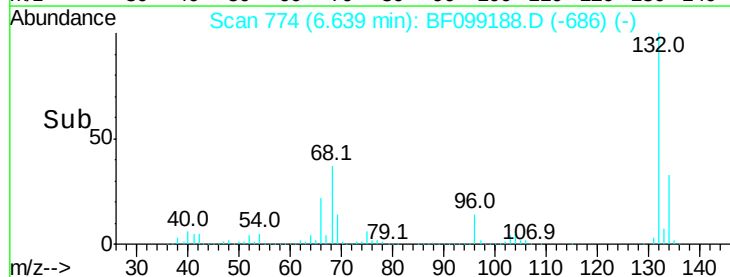
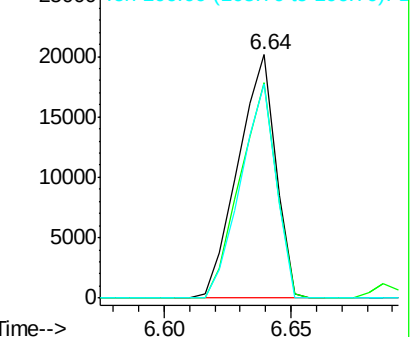
106 88.0 74.5 114.5

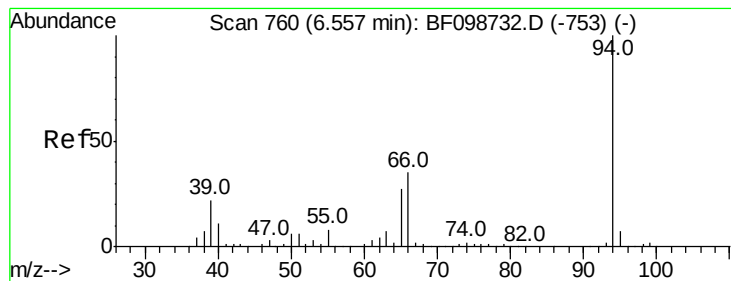


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.313 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF099188.D

Acq: 7 Oct 2017 12:21

Instrument :

BNA_F

ClientSampleId :

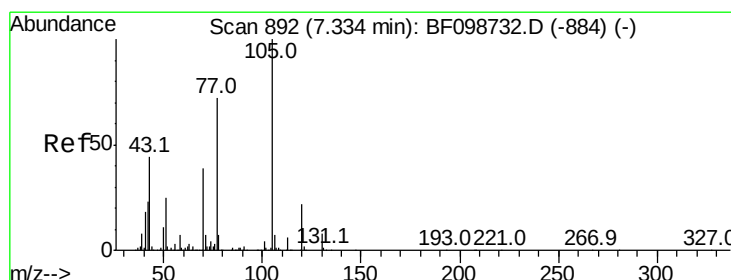
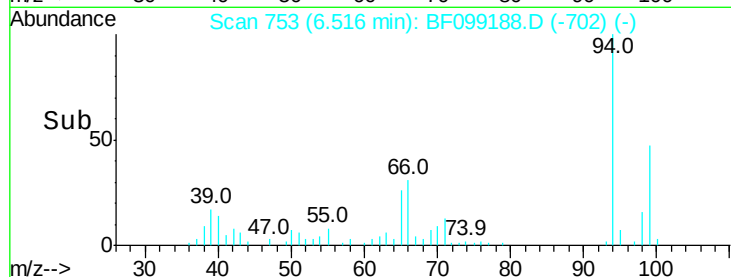
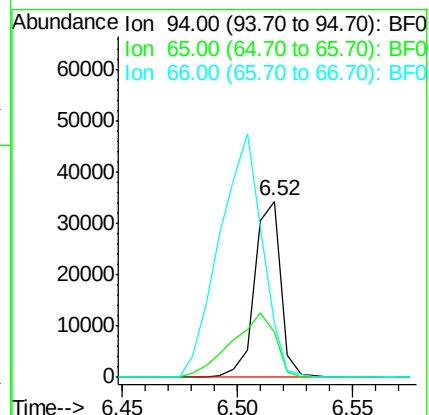
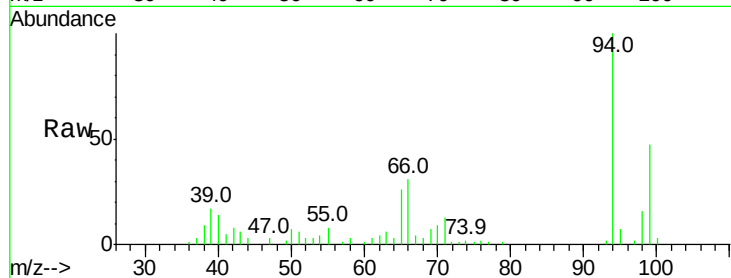
Tot Ion: 94 Resp: 27249

Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

66 31.1 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.934 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099188.D

Acq: 7 Oct 2017 12:21

Tgt Ion: 70 Resp: 100441

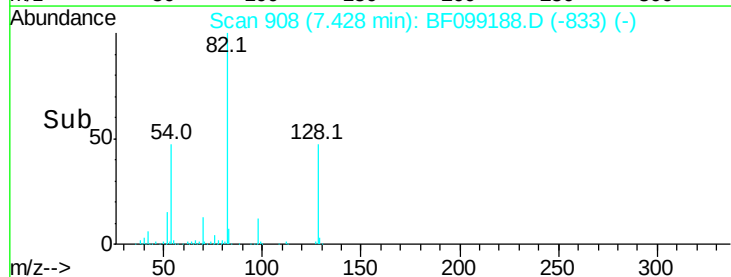
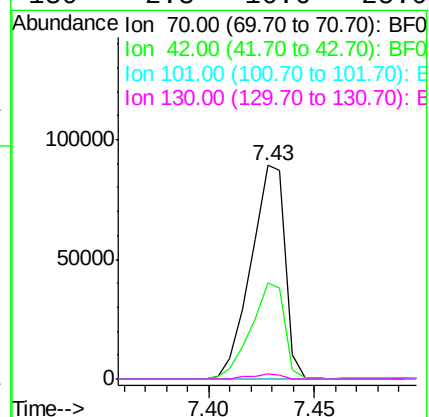
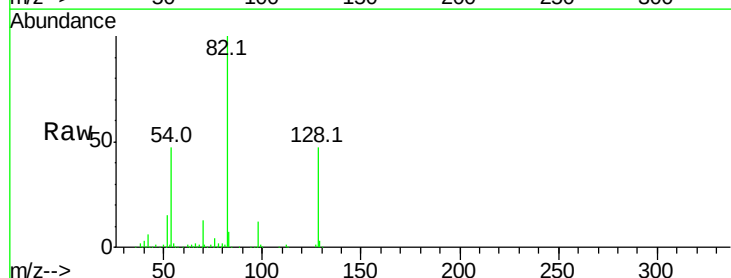
Ion Ratio Lower Upper

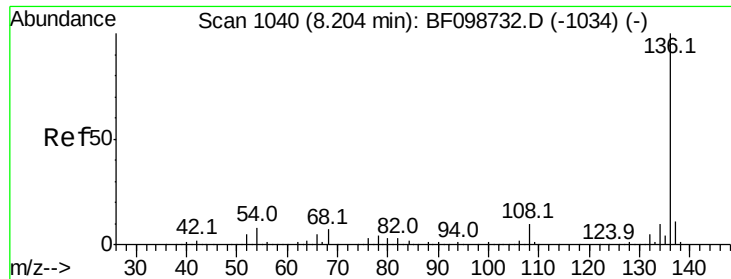
70 100

42 45.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

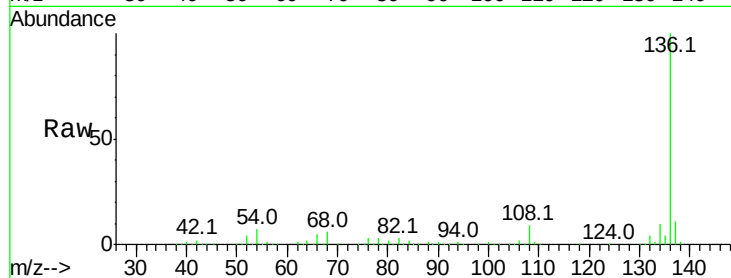




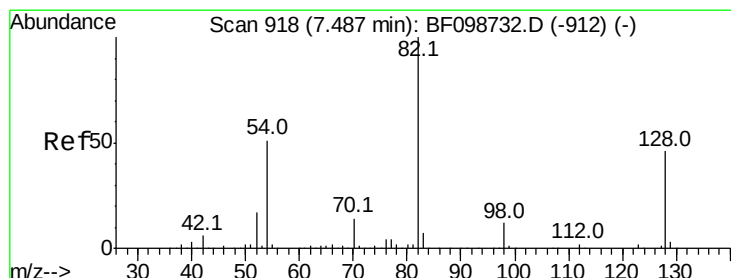
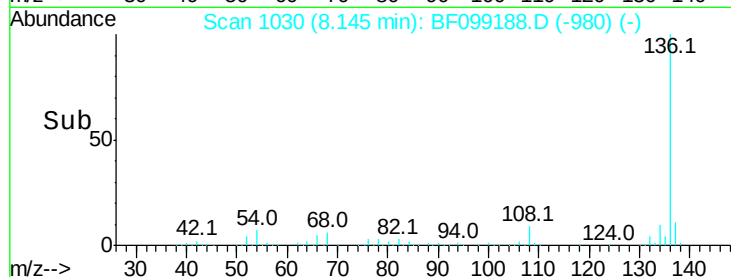
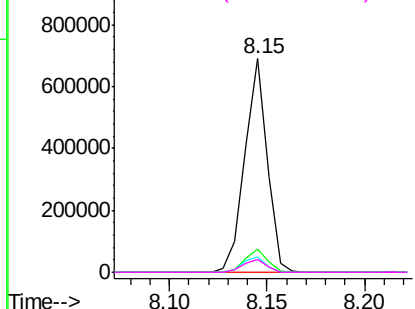
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099188.D
Acq: 7 Oct 2017 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	550583
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.6	9.8
68	6.1	5.0	7.4

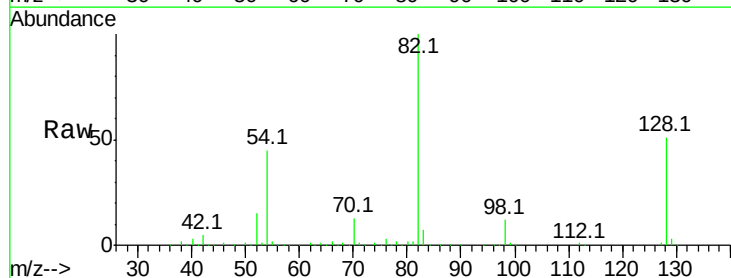


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

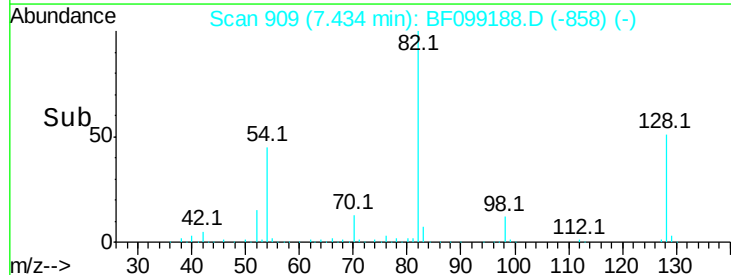
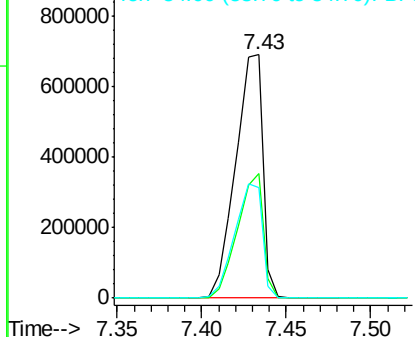


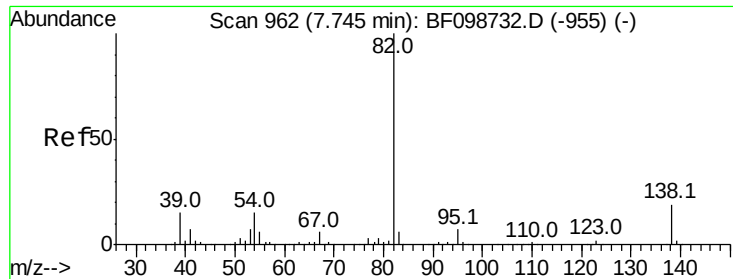
#23
Nitrobenzene-d5
Concen: 90.917 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099188.D
Acq: 7 Oct 2017 12:21

Tgt Ion:	82	Resp:	780562
Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.1	54.1
54	45.3	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: 43.974 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF099188.D

Acq: 7 Oct 2017 12:21

Instrument :

BNA_F

ClientSampled :

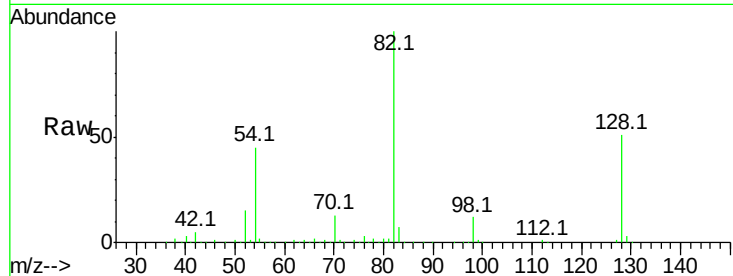
Tot Ion: 82 Resp: 780551

Ion Ratio Lower Upper

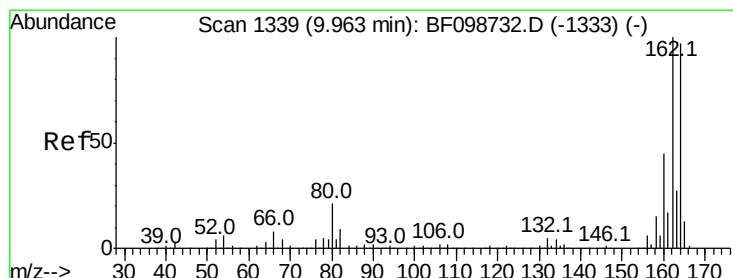
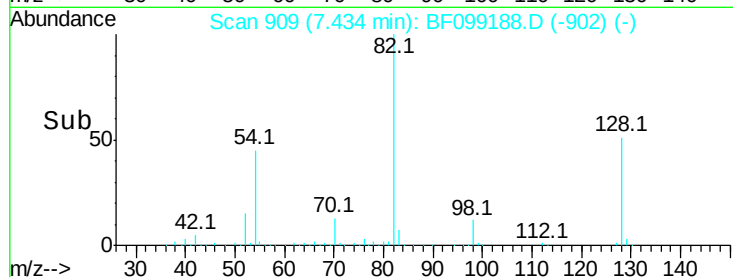
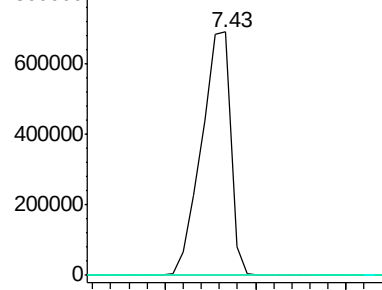
82 100

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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099188.D

Acq: 7 Oct 2017 12:21

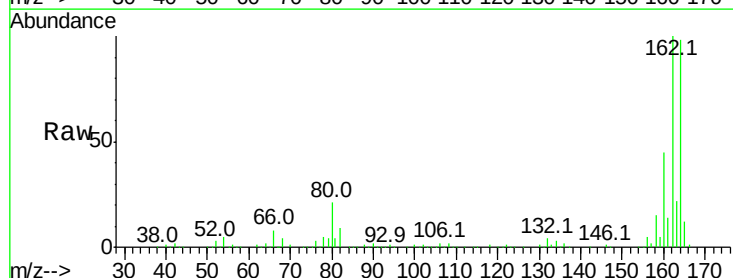
Tgt Ion:164 Resp: 239378

Ion Ratio Lower Upper

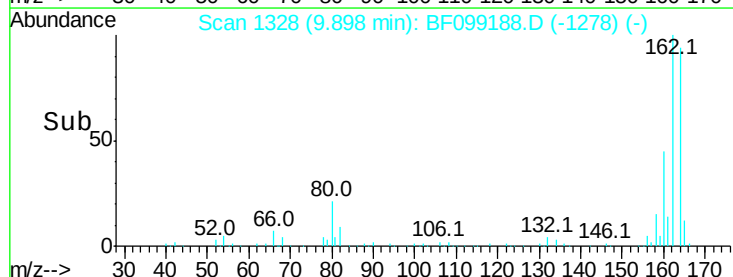
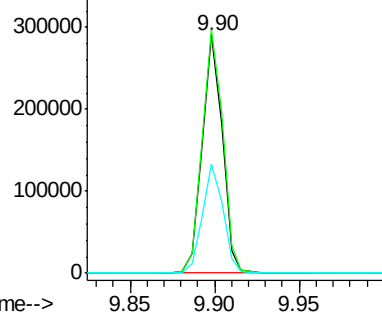
164 100

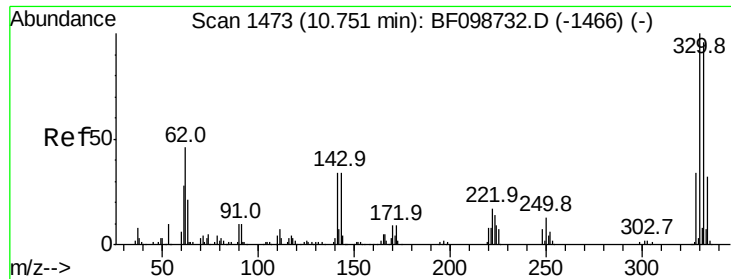
162 102.2 86.1 129.1

160 45.8 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

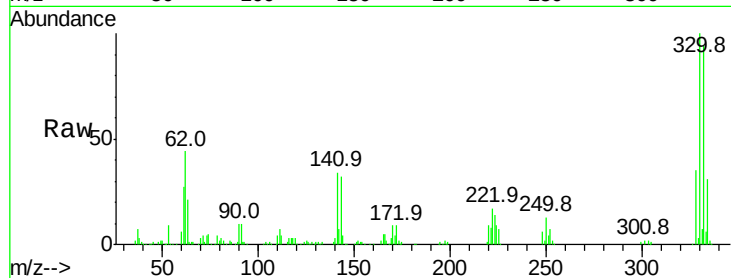




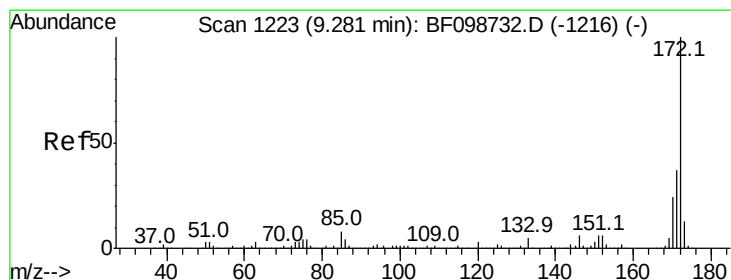
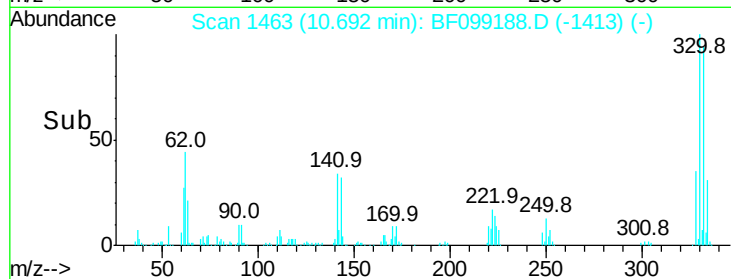
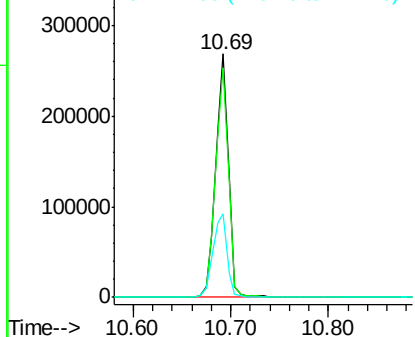
#41
 2,4,6-Tribromophenol
 Concen: 124.822 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099188.D
 Acq: 7 Oct 2017 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	38.0	29.9	44.9

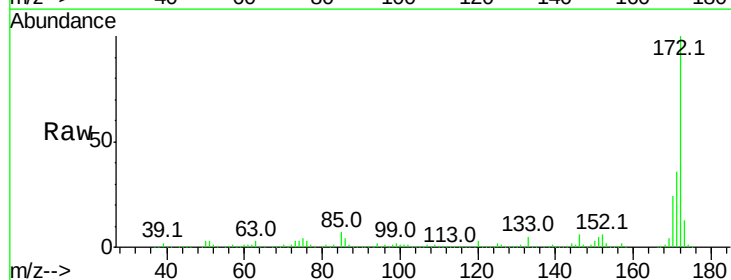


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

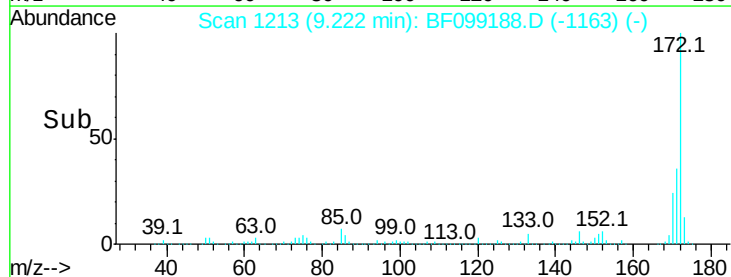
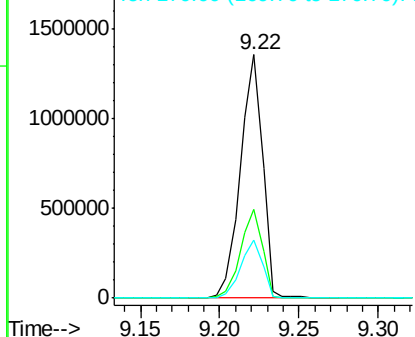


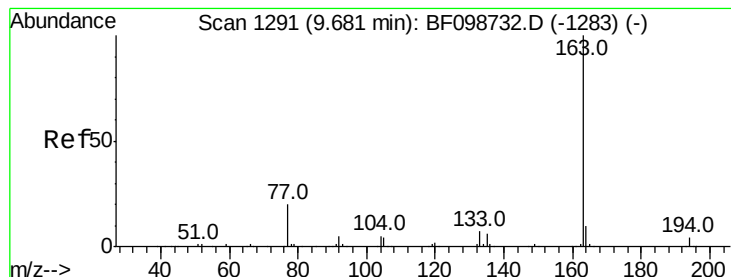
#44
 2-Fluorobiphenyl
 Concen: 91.841 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099188.D
 Acq: 7 Oct 2017 12:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	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





#49

Dimethylphthalate

Concen: 11.485 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099188.D

Acq: 7 Oct 2017 12:21

Instrument :

BNA_F

ClientSampleId :

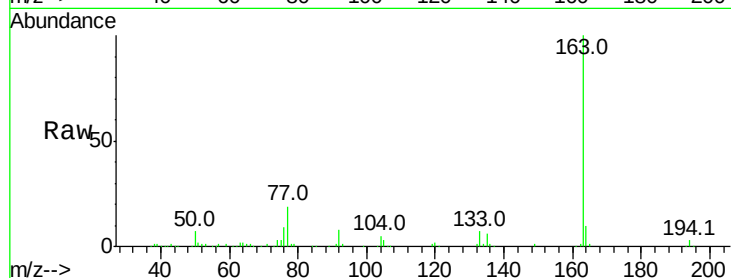
Tot Ion:163 Resp: 207499

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

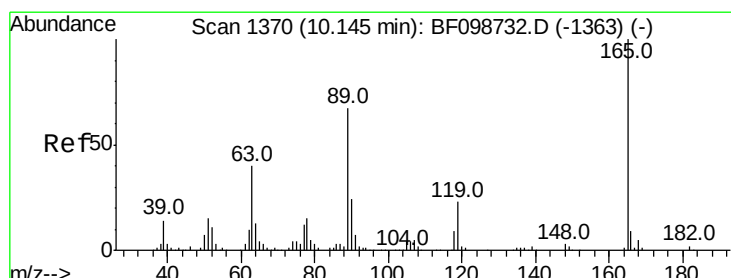
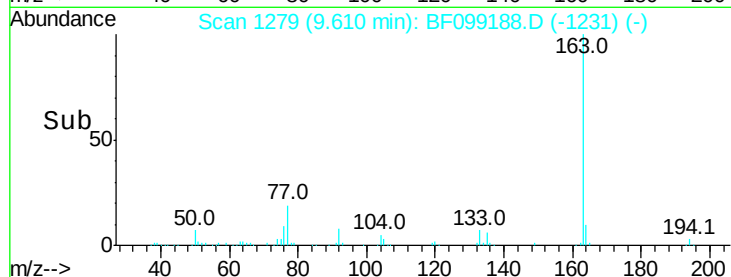
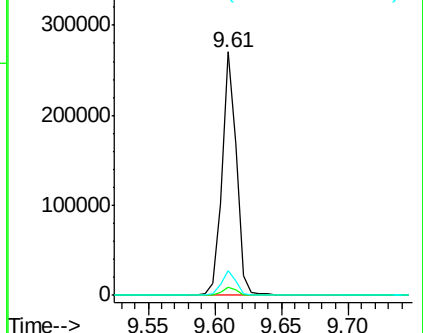
164 9.9 8.2 12.2



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: 5.846 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.20 min

Lab File: BF099188.D

Acq: 7 Oct 2017 12:21

Tgt Ion:165 Resp: 29841

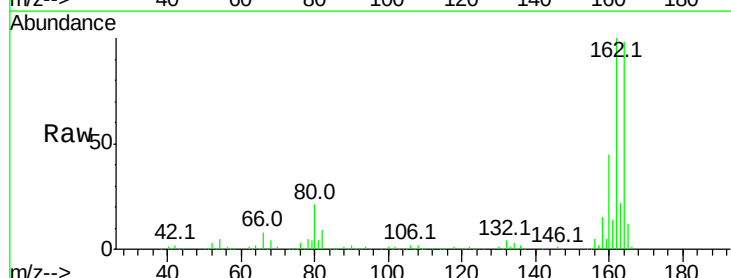
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

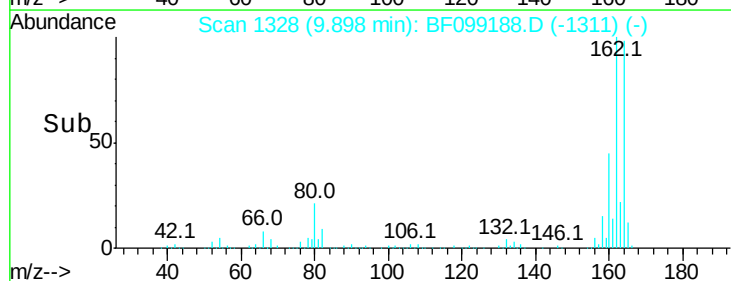
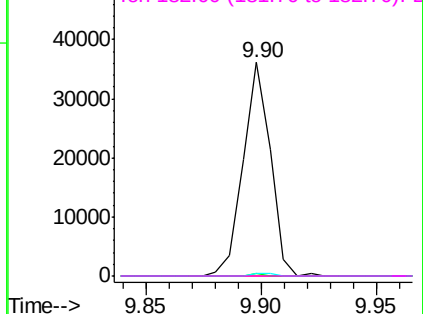


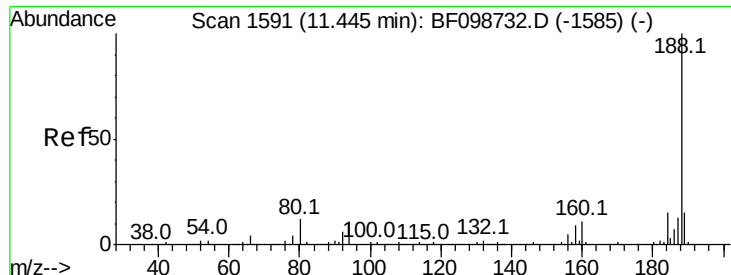
Abundance Ion 165.00 (164.70 to 165.70): E

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

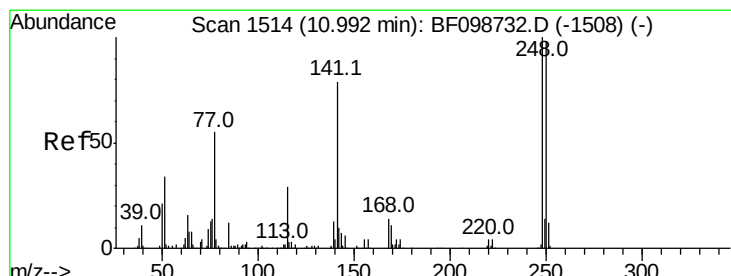
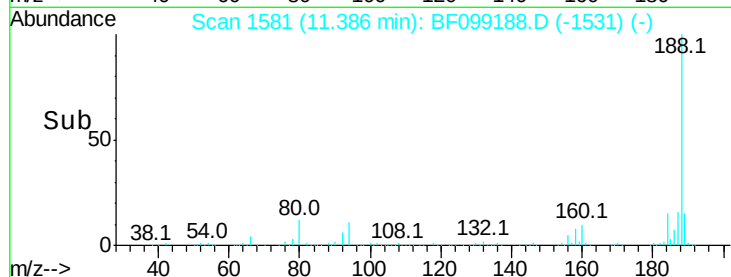
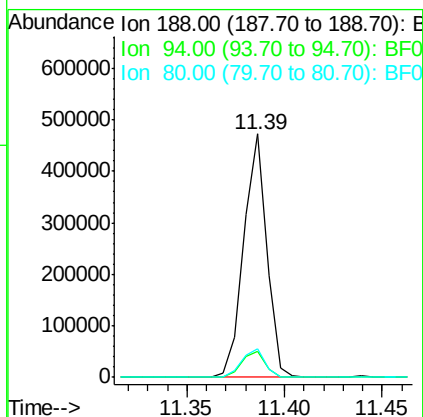
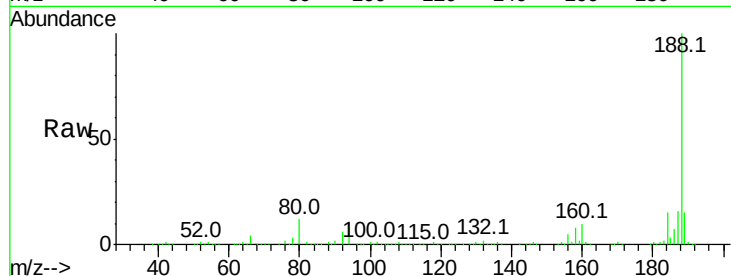




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099188.D
Acq: 7 Oct 2017 12:21

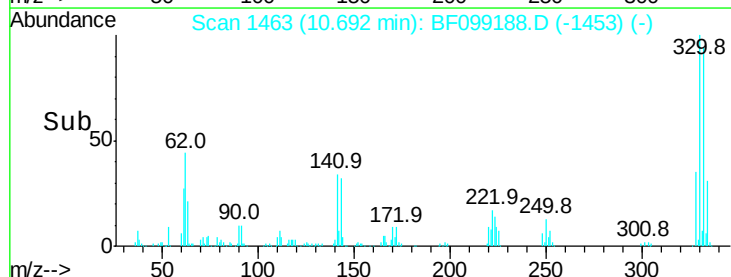
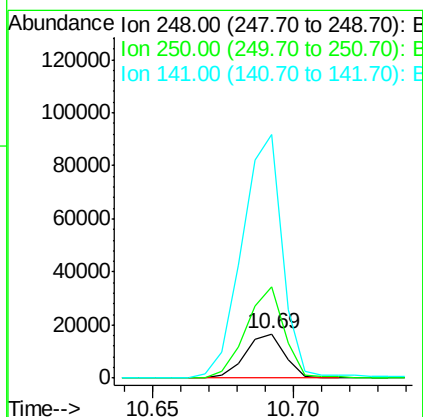
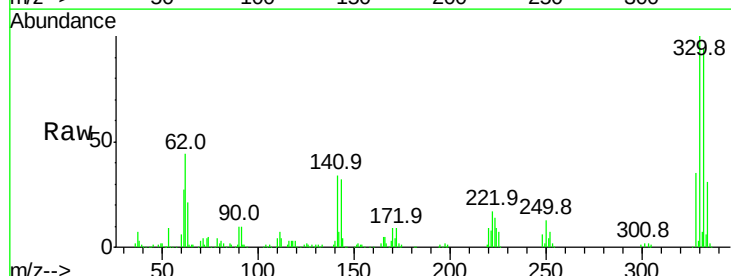
Instrument :
BNA_F
ClientSampleId :

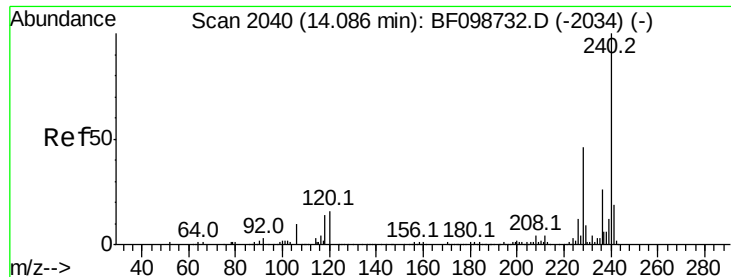
Tot Ion:188 Resp: 386997
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.219 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099188.D
Acq: 7 Oct 2017 12:21

Tgt Ion:248 Resp: 15983
Ion Ratio Lower Upper
248 100
250 205.9 76.9 115.3#
141 548.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099188.D

Acq: 7 Oct 2017 12:21

Instrument :

BNA_F

ClientSampleId :

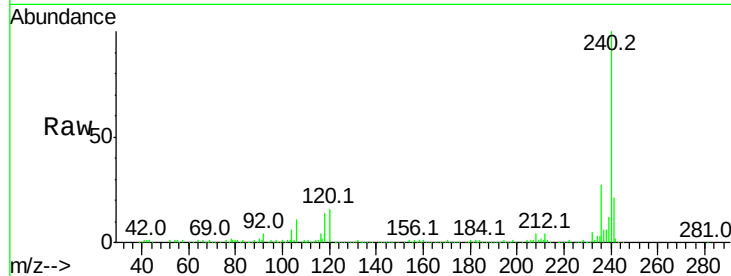
Tot Ion:240 Resp: 233496

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

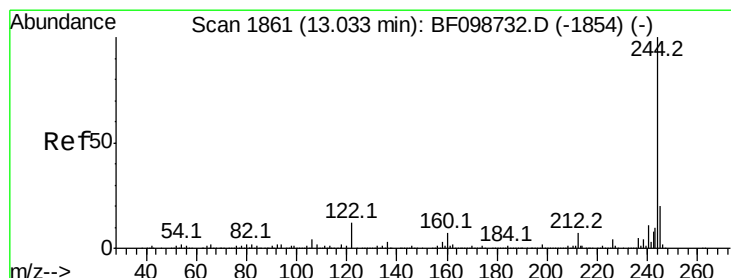
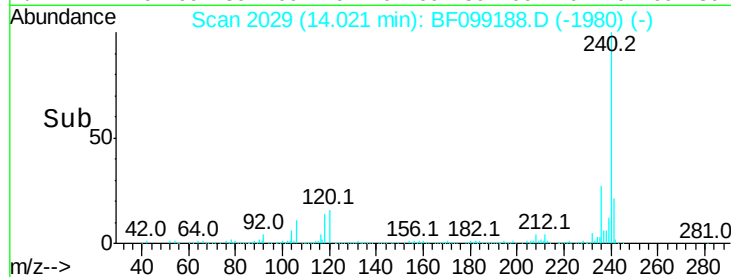
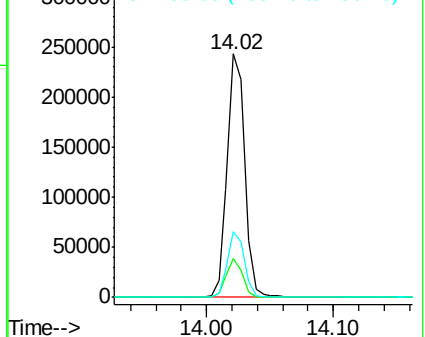
236 26.8 20.7 31.1



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: 90.205 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099188.D

Acq: 7 Oct 2017 12:21

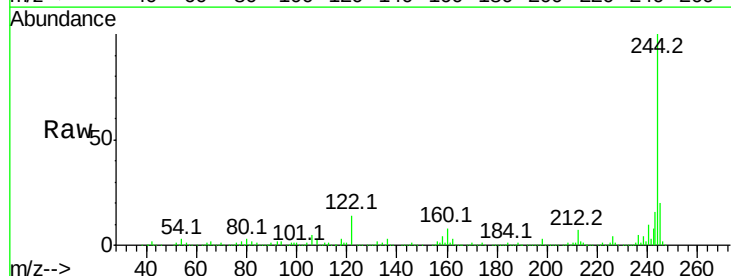
Tgt Ion:244 Resp: 926150

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

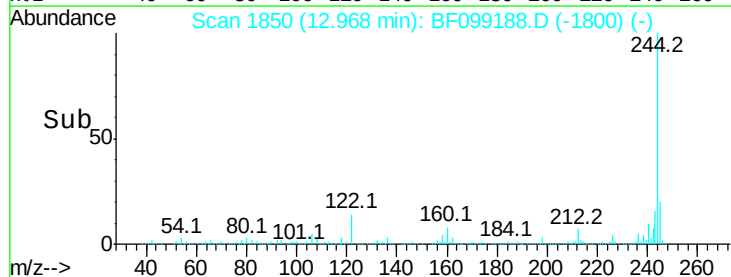
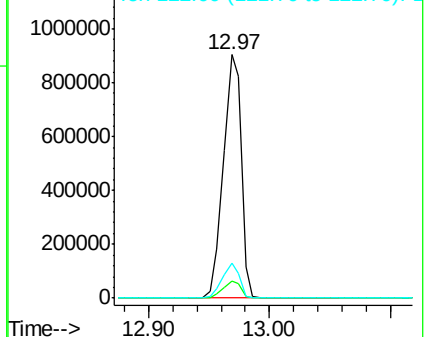
122 14.4 11.0 16.4

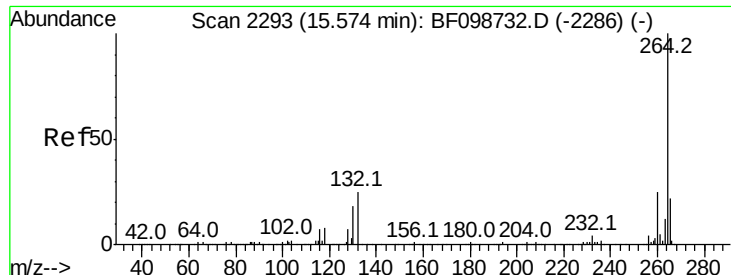


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

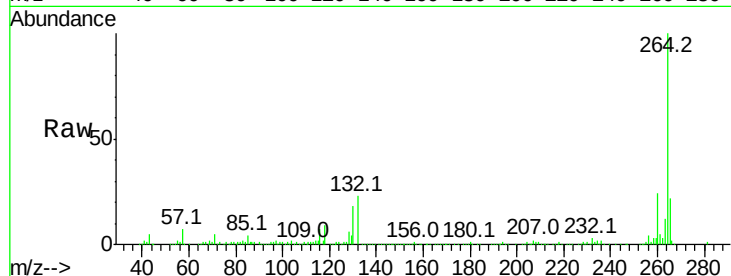




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099188.D
Acq: 7 Oct 2017 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 232823
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.6 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

