

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099482.D
 Acq On : 14 Oct 2017 17:43
 Operator : SJ/JU
 Sample : I5869-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:06:18 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

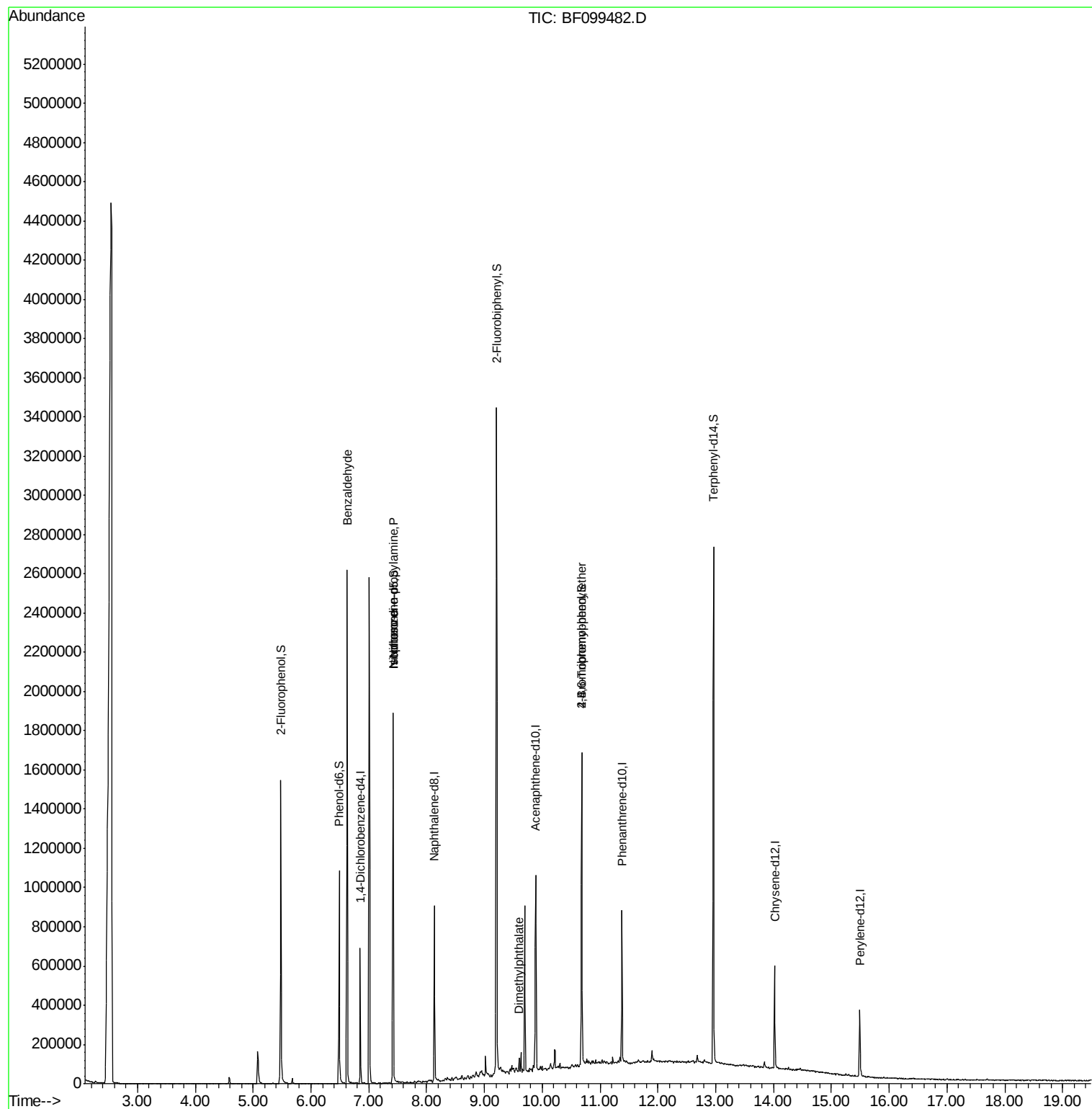
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96753	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	395018	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	173149	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	298677	20.00	ng	0.00
75) Chrysene-d12	14.02	240	171399	20.00	ng	0.00
86) Perylene-d12	15.49	264	146667	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	496689	81.72	ng	0.01
7) Phenol-d6	6.49	99	382743	51.05	ng	0.00
23) Nitrobenzene-d5	7.42	82	673060	109.27	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	226360	159.77	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1209383	116.60	ng	0.00
78) Terphenyl-d14	12.96	244	940553	124.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	14871	3.419	ng	88
19) n-Nitroso-di-n-propylamine	7.42	70	88827	18.556	ng	# 73
25) Isophorone	7.42	82	673054	52.850	ng	# 64
49) Dimethylphthalate	9.60	163	33130	2.535	ng	# 99
66) 4-Bromophenyl-phenylether	10.69	248	14904	5.098	ng	# 1

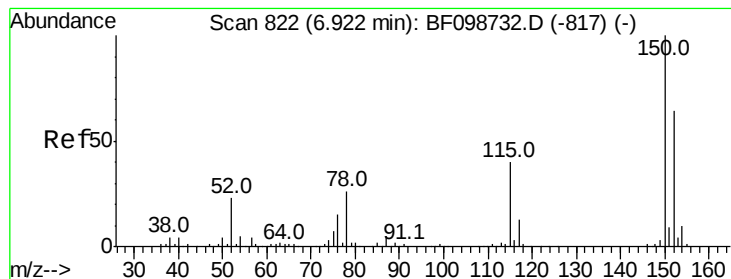
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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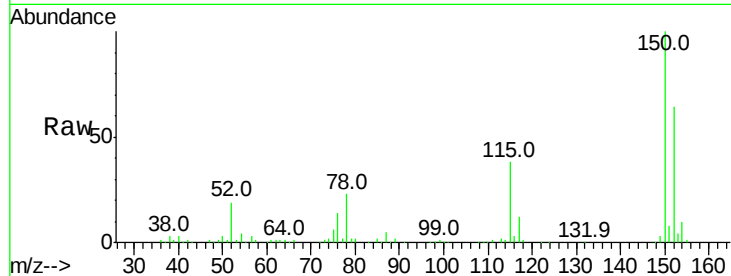


#1

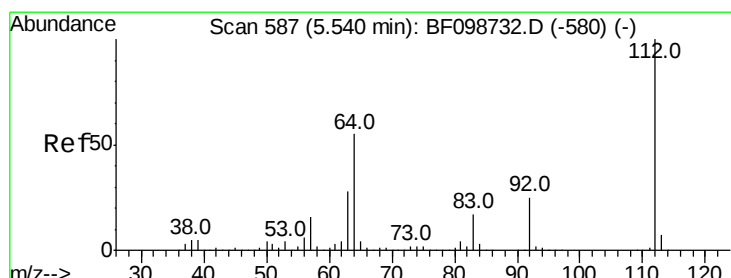
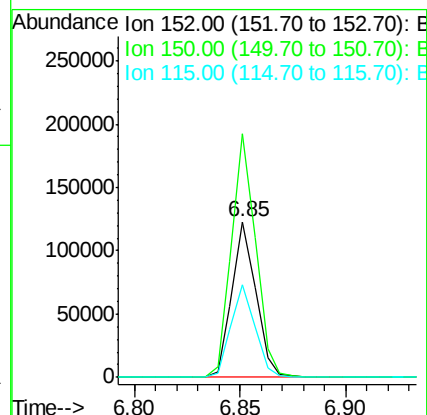
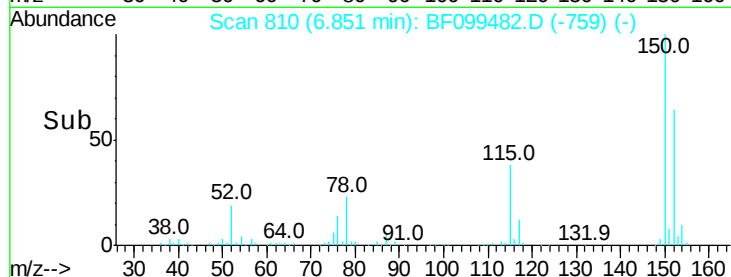
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099482.D
Acq: 14 Oct 2017 17:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96753
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 59.4 50.1 75.1



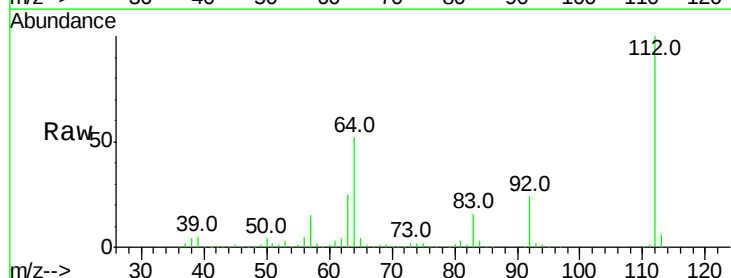
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



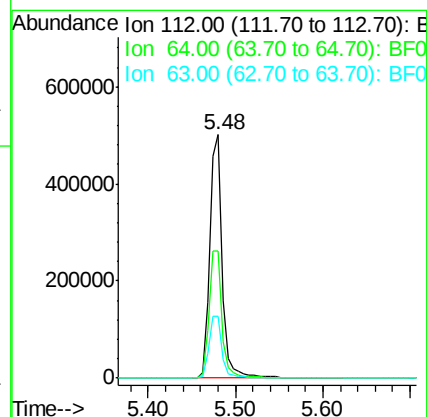
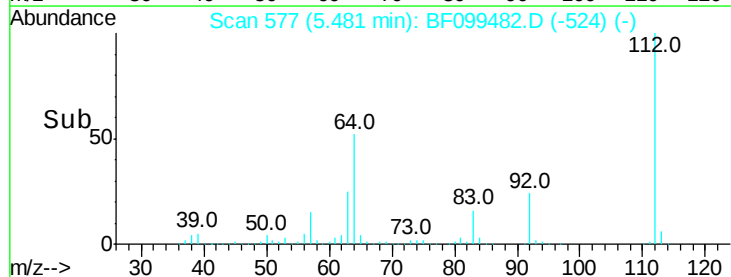
#5

2-Fluorophenol
Concen: 81.721 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099482.D
Acq: 14 Oct 2017 17:43

Tgt Ion:112 Resp: 496689
Ion Ratio Lower Upper
112 100
64 52.1 47.9 71.9
63 25.3 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: 51.048 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099482.D

Acq: 14 Oct 2017 17:43

Instrument :

BNA_F

ClientSampled :

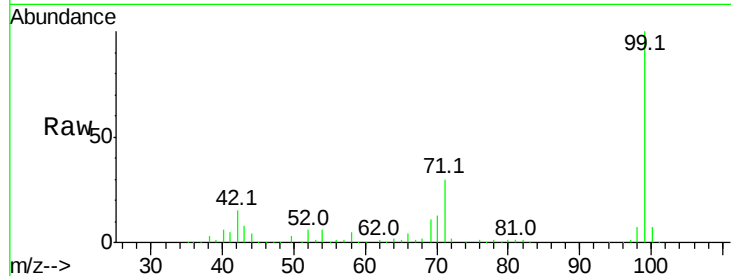
Tot Ion: 99 Resp: 382743

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

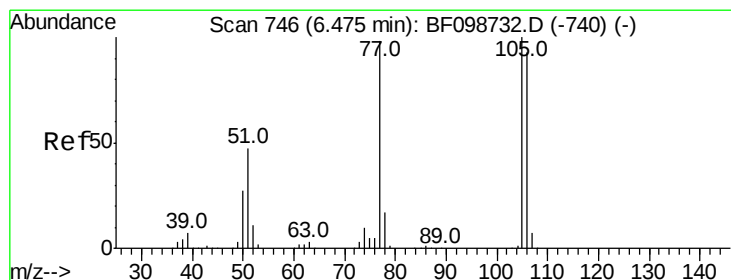
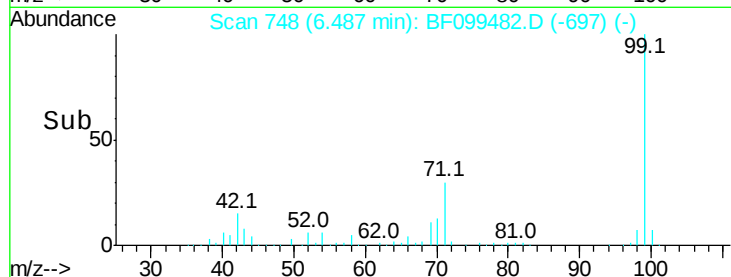
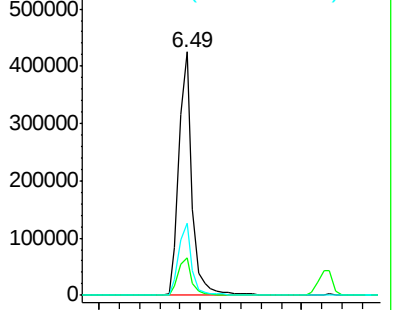
71 29.6 25.4 38.0



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: 3.419 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099482.D

Acq: 14 Oct 2017 17:43

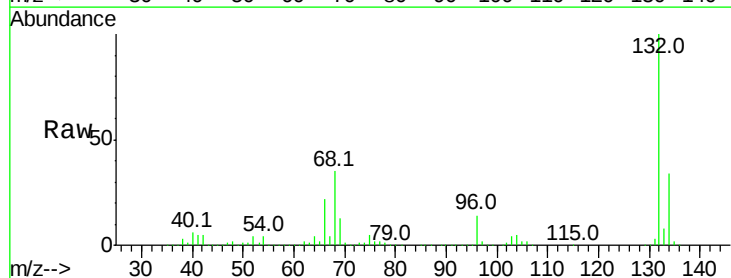
Tgt Ion: 77 Resp: 14871

Ion Ratio Lower Upper

77 100

105 84.6 81.1 121.1

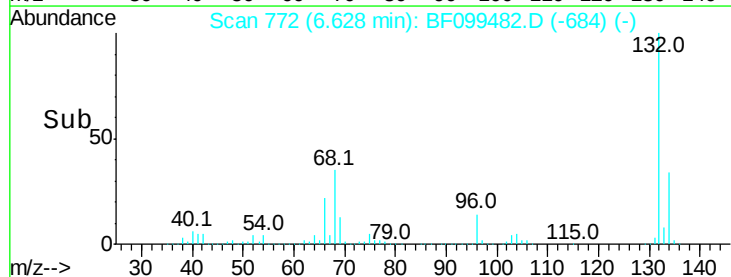
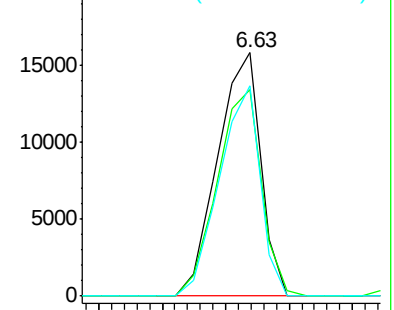
106 86.5 74.5 114.5

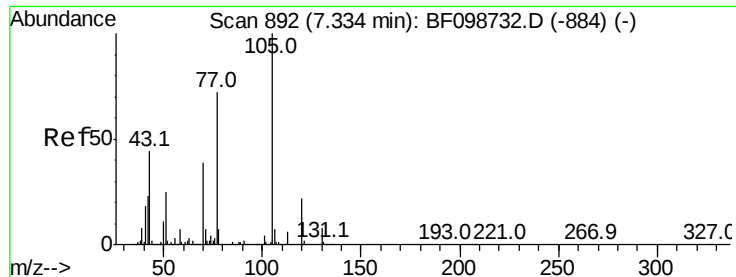


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

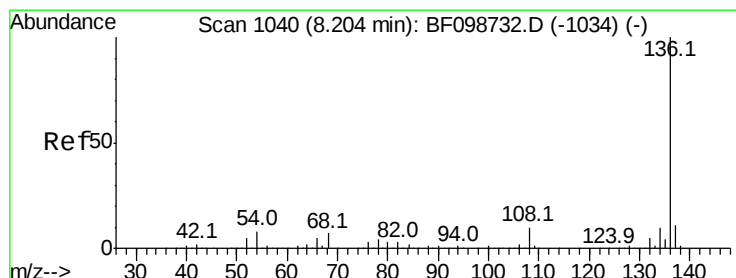
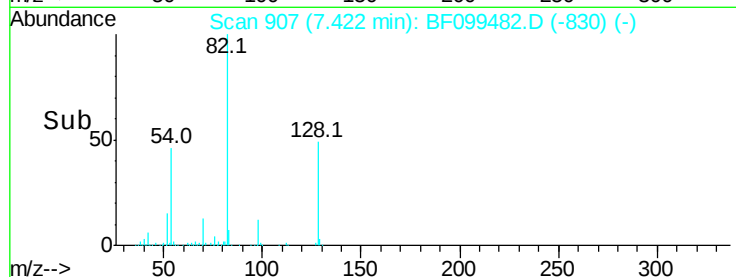
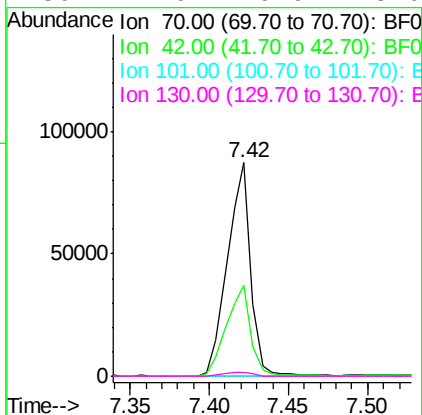
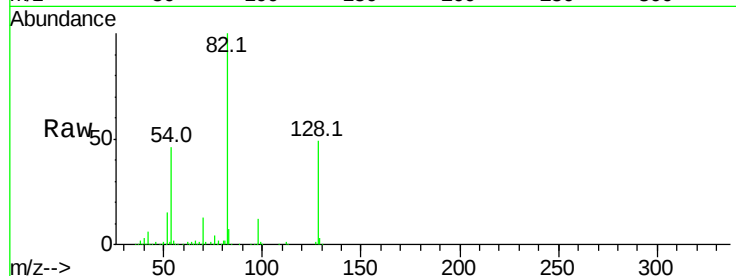




#19
n-Nitroso-di-n-propylamine
Concen: 18.556 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099482.D
Acq: 14 Oct 2017 17:43

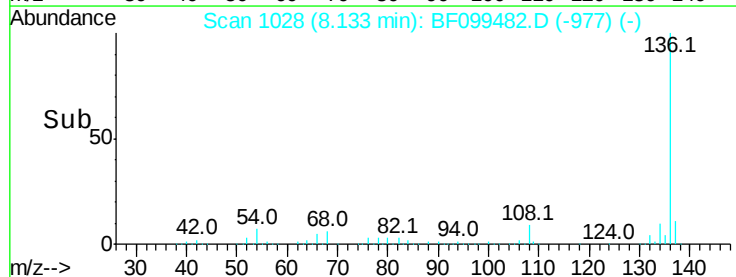
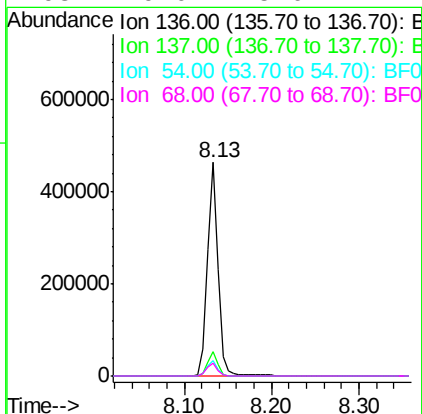
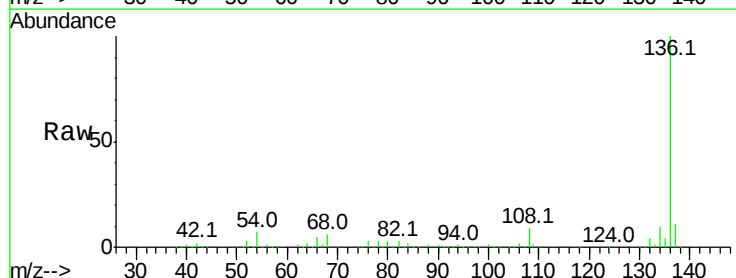
Instrument :
BNA_F
ClientSampleId :

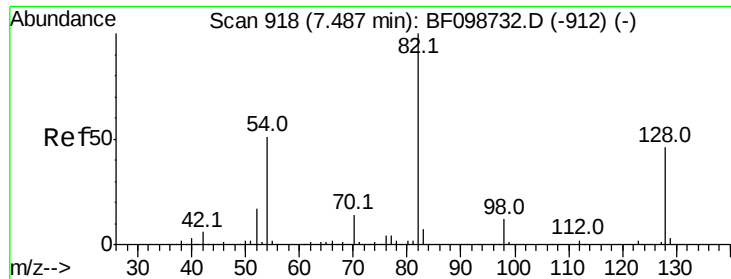
Tot Ion: 70 Resp: 88827
Ion Ratio Lower Upper
70 100
42 42.4 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099482.D
Acq: 14 Oct 2017 17:43

Tgt Ion: 136 Resp: 395018
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.1 6.6 9.8
68 6.0 5.0 7.4

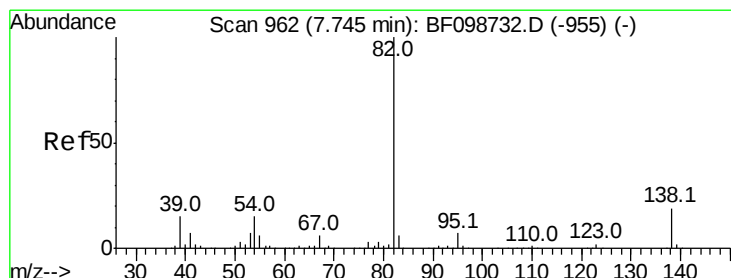
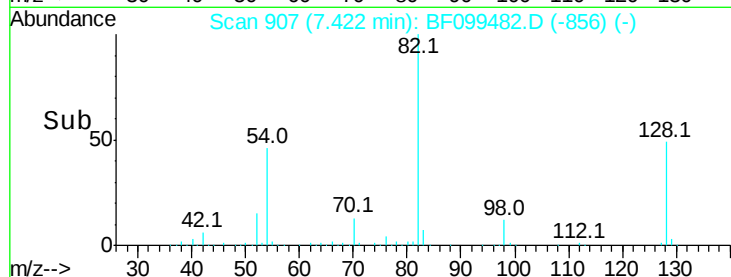
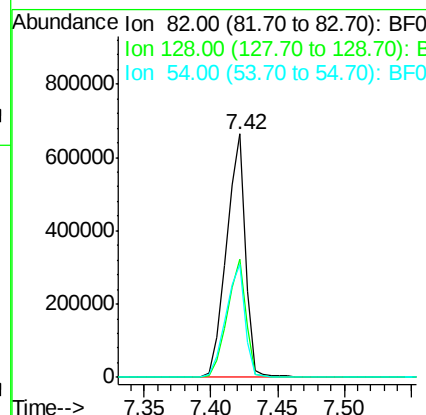
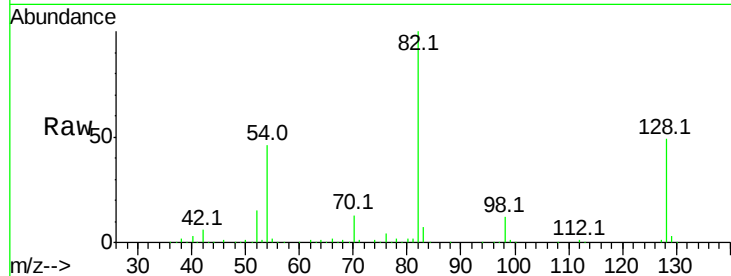




#23
 Nitrobenzene-d5
 Concen: 109.270 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099482.D
 Acq: 14 Oct 2017 17:43

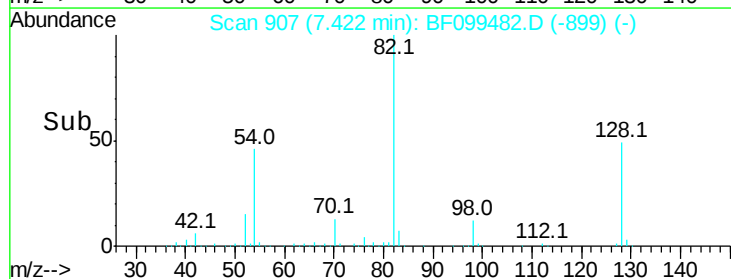
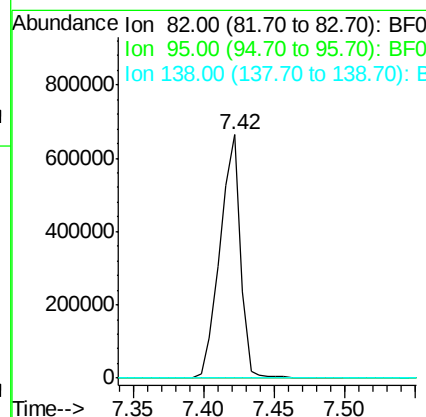
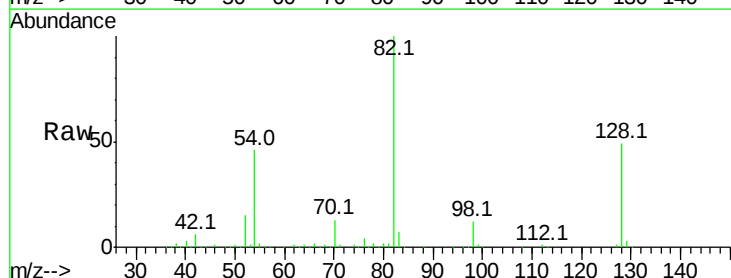
Instrument :
 BNA_F
 ClientSampled :

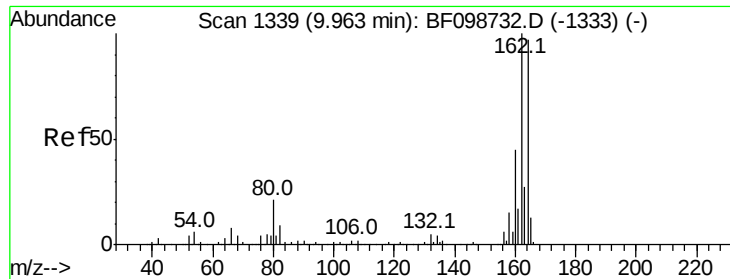
Tot Ion	82	Resp	673060
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	46.5	41.4	62.2



#25
 Isophorone
 Concen: 52.850 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.25 min
 Lab File: BF099482.D
 Acq: 14 Oct 2017 17:43

Tgt Ion	82	Resp	673054
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		

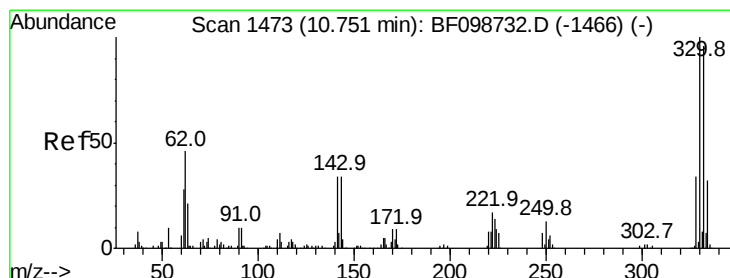
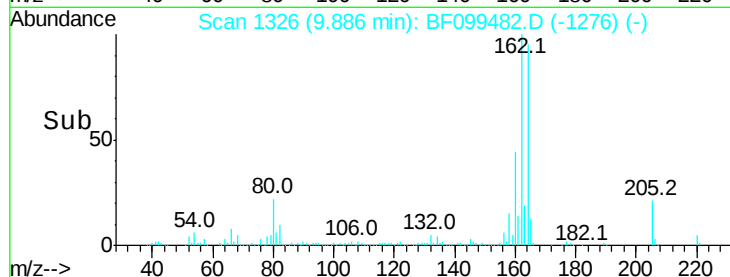
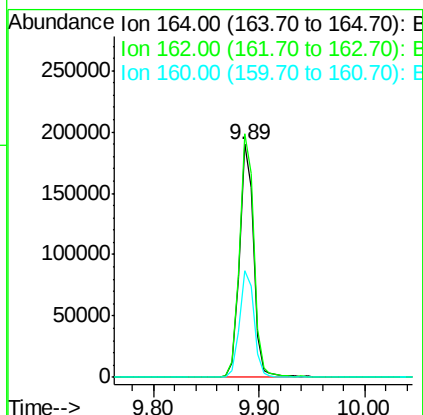
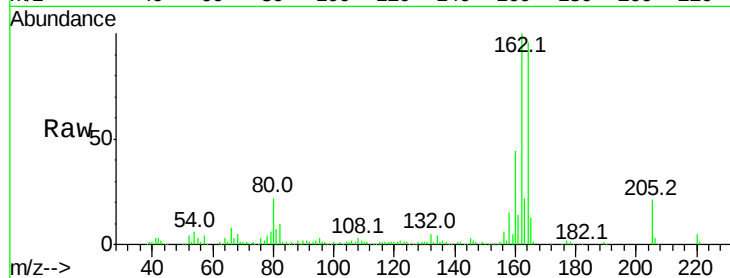




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099482.D
 Acq: 14 Oct 2017 17:43

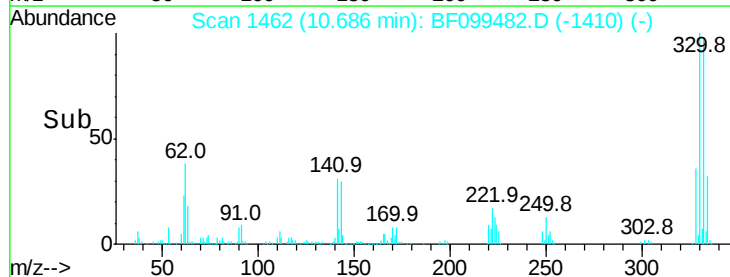
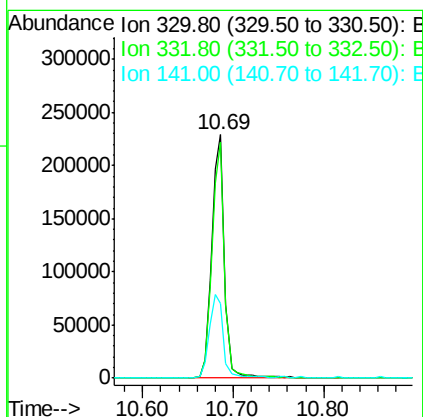
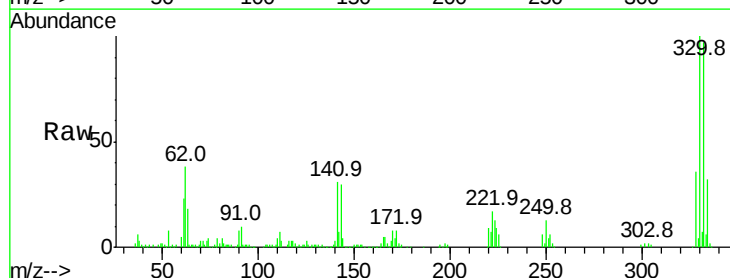
Instrument :
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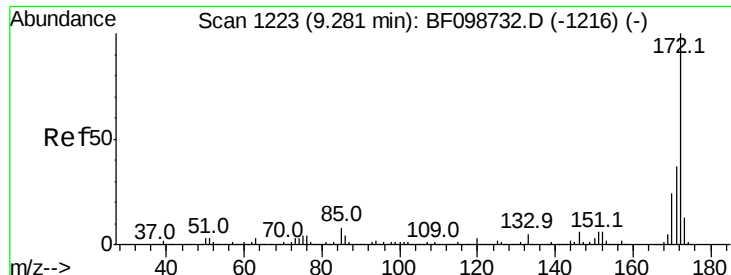
Tot Ion:164 Resp: 173149
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 159.765 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099482.D
 Acq: 14 Oct 2017 17:43

Tgt Ion:330 Resp: 226360
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 37.2 29.9 44.9

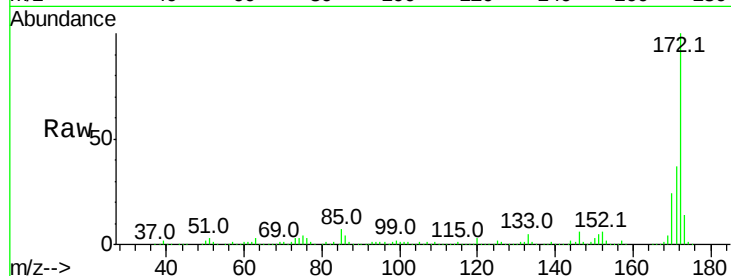




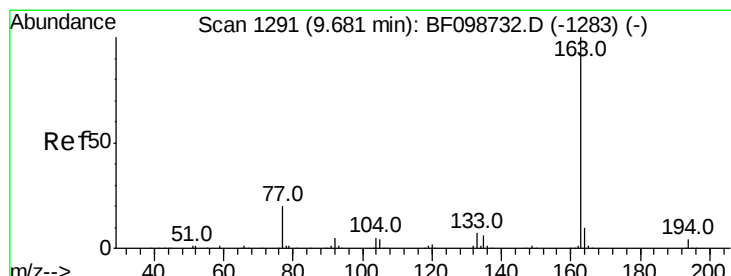
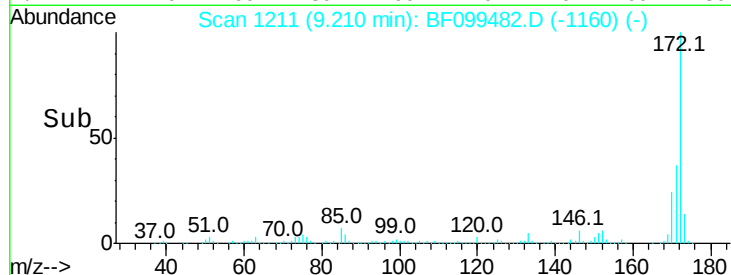
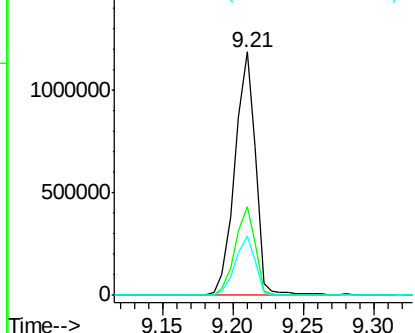
#44
2-Fluorobiphenyl
Concen: 116.603 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099482.D
Acq: 14 Oct 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1209383
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.3 19.6 29.4

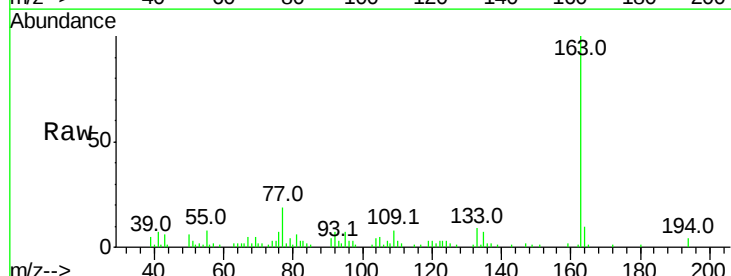


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

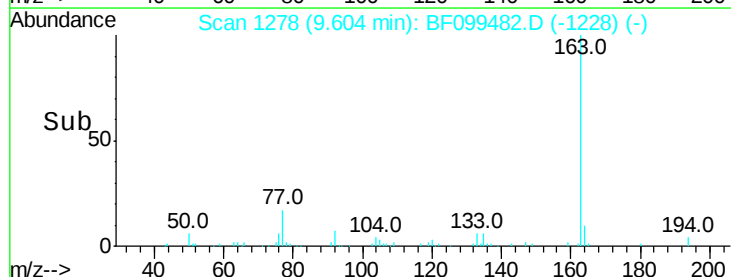
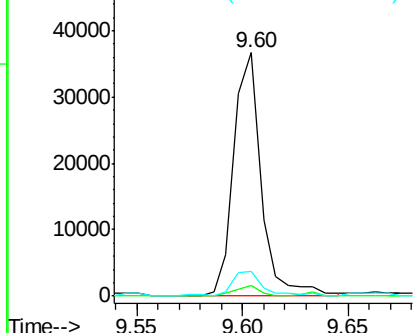


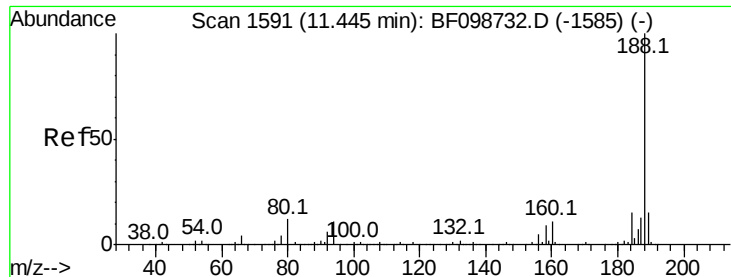
#49
Dimethylphthalate
Concen: 2.535 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF099482.D
Acq: 14 Oct 2017 17:43

Tgt Ion:163 Resp: 33130
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.3 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

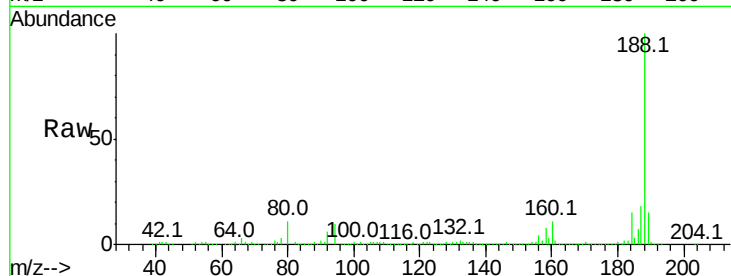




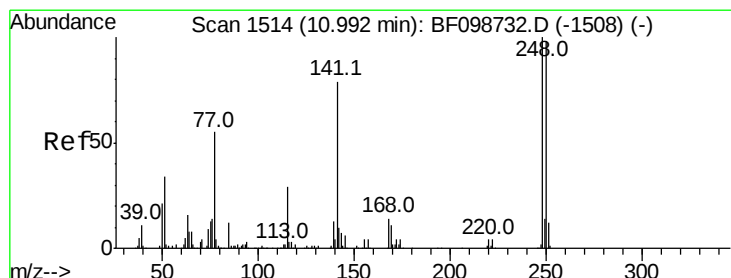
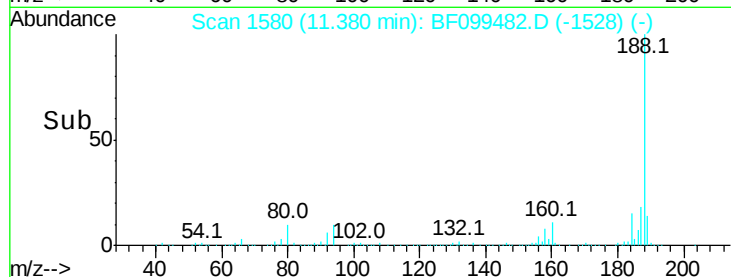
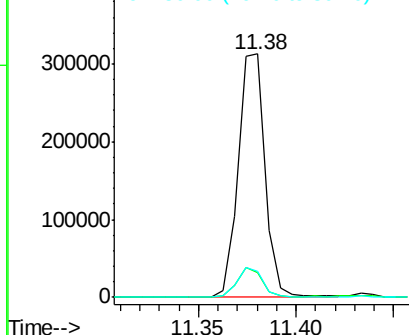
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099482.D
Acq: 14 Oct 2017 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 298677
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.5 9.2 13.8

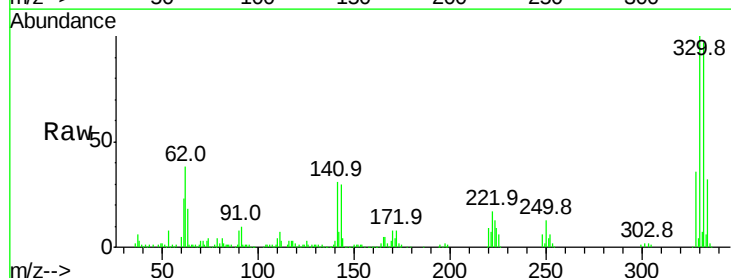


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

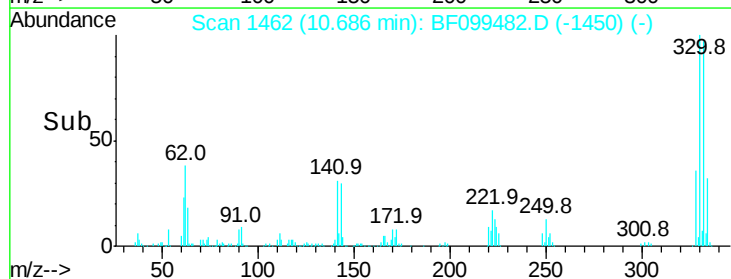
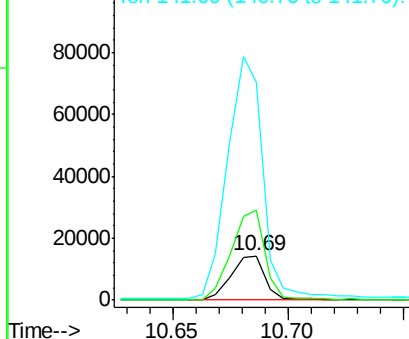


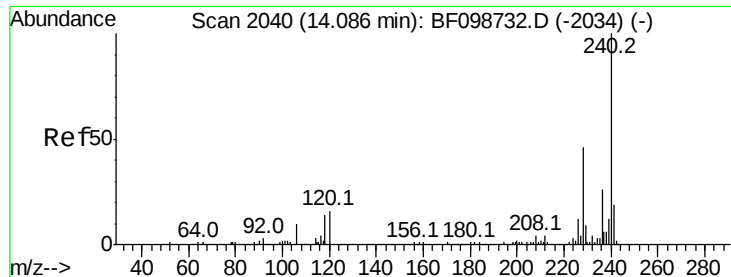
#66
4-Bromophenyl-phenylether
Concen: 5.098 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.23 min
Lab File: BF099482.D
Acq: 14 Oct 2017 17:43

Tgt Ion:248 Resp: 14904
Ion Ratio Lower Upper
248 100
250 202.7 76.9 115.3#
141 491.6 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: BF099482.D

Acq: 14 Oct 2017 17:43

Instrument :

BNA_F

ClientSampleId :

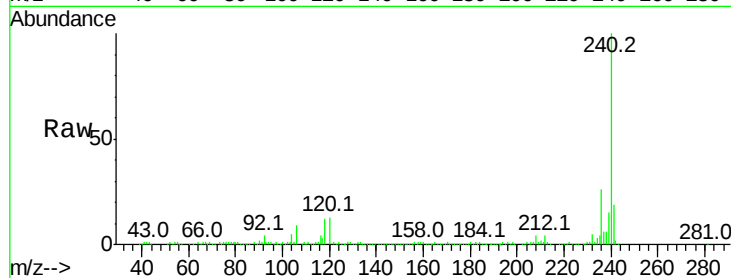
Tot Ion:240 Resp: 171399

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

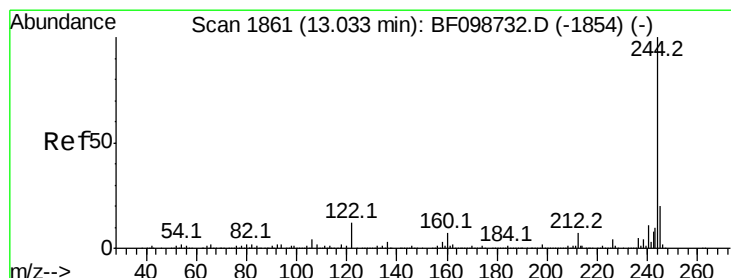
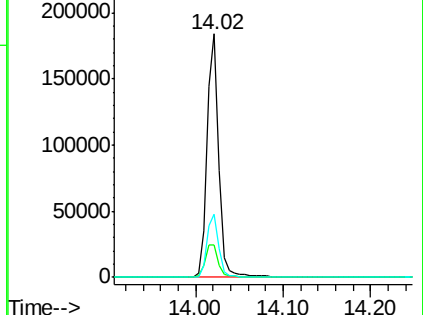
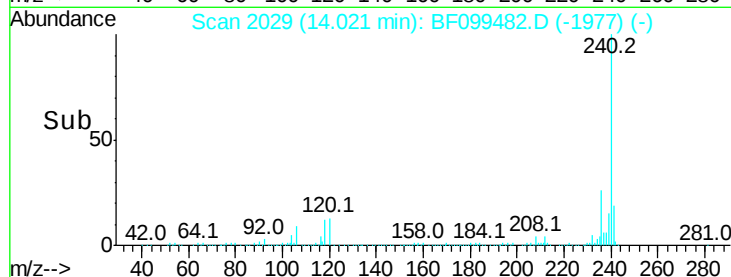
236 26.0 20.7 31.1



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: 124.797 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099482.D

Acq: 14 Oct 2017 17:43

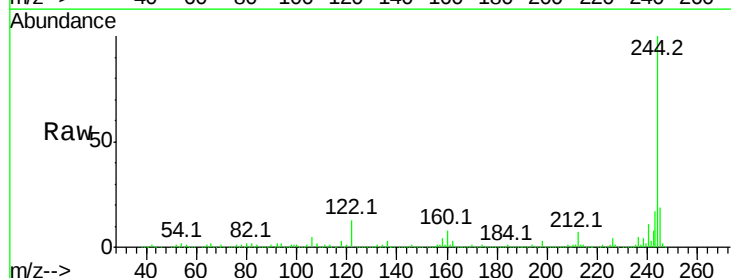
Tgt Ion:244 Resp: 940553

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

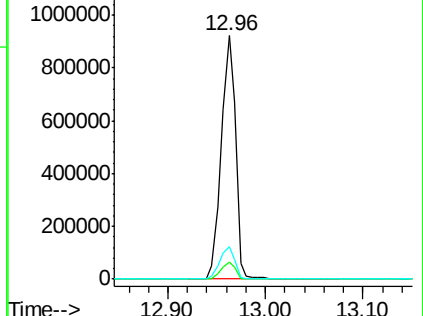
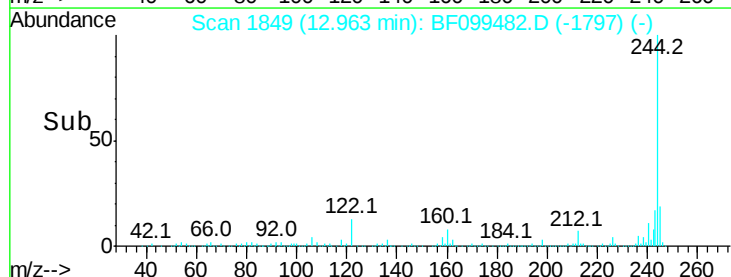
122 13.4 11.0 16.4

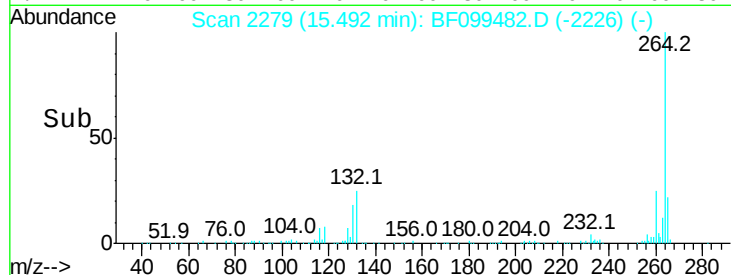
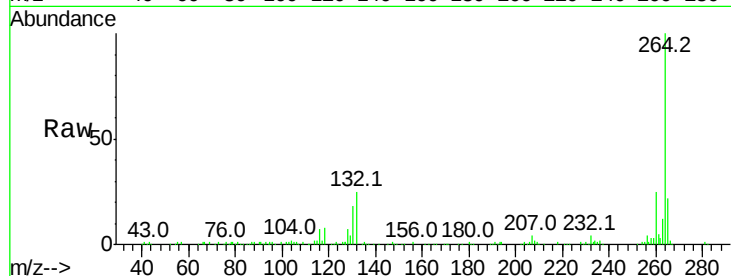
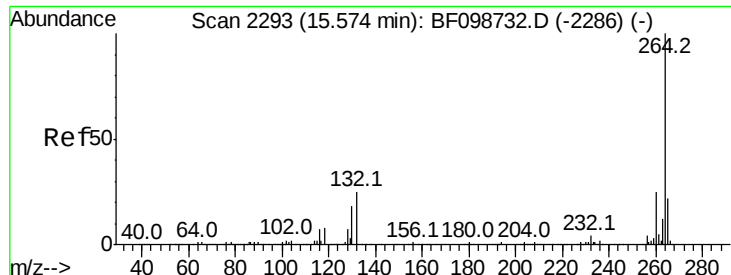


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099482.D
 Acq: 14 Oct 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	146667
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	17.5	26.3

