

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099925.D
 Acq On : 28 Oct 2017 18:54
 Operator : SJ/JU
 Sample : I6141-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:00:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

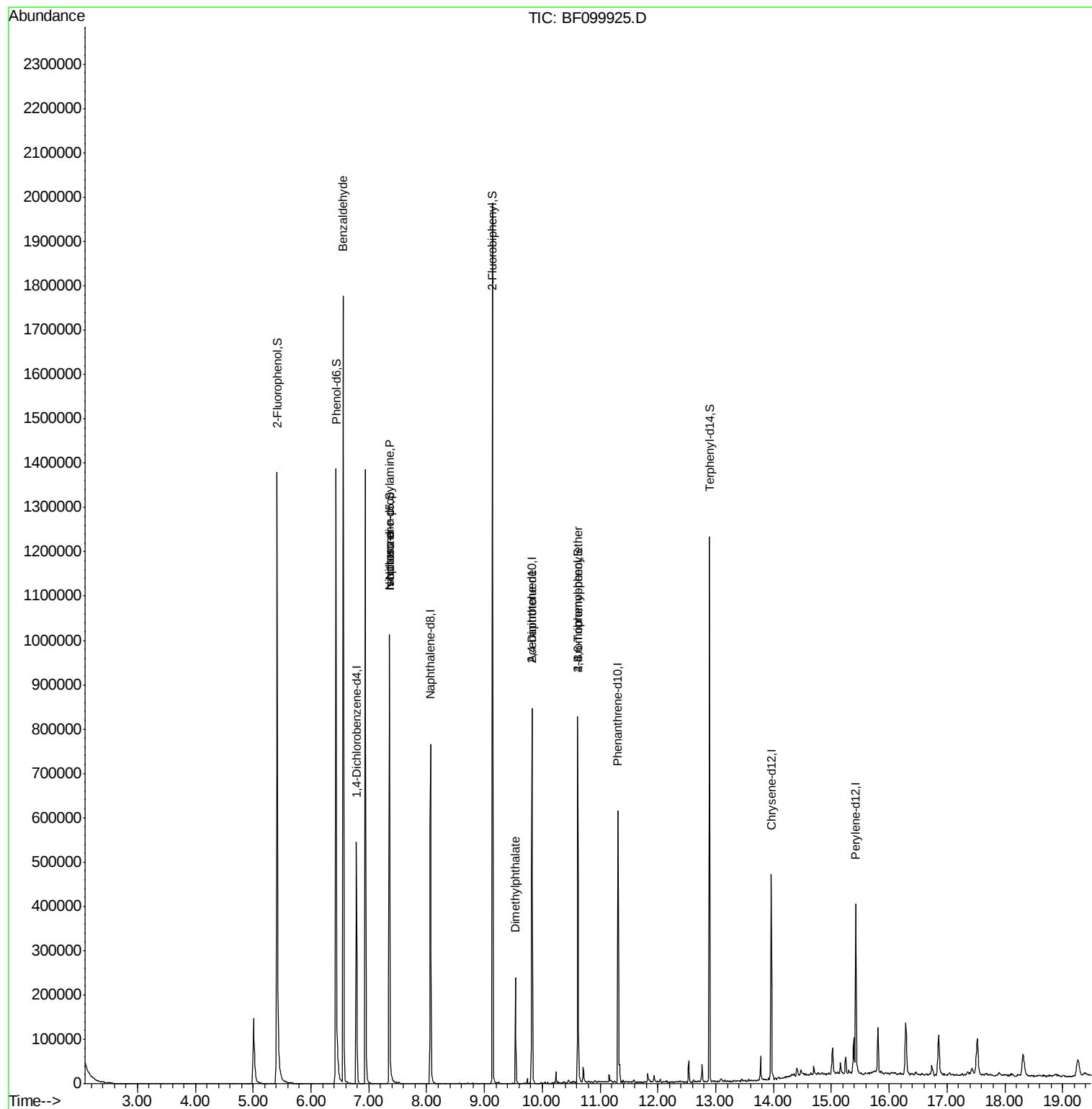
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89379	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	369030	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	159870	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	238124	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	153342	20.00	ng	-0.03
86) Perylene-d12	15.42	264	167657	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	515411	90.53	ng	0.00
7) Phenol-d6	6.43	99	610381	90.42	ng	0.00
23) Nitrobenzene-d5	7.36	82	345297	60.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	99691	68.43	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	608644	58.74	ng	-0.02
78) Terphenyl-d14	12.89	244	365760	52.13	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.56	77	9361	2.321	ng	85
19) n-Nitroso-di-n-propylamine	7.36	70	42879	10.839	ng	# 71
25) Isophorone	7.36	82	345297	33.198	ng	# 64
49) Dimethylphthalate	9.54	163	102419	8.090	ng	100
56) 2,4-Dinitrotoluene	9.82	165	20086	6.267	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	6708	2.676	ng	# 1

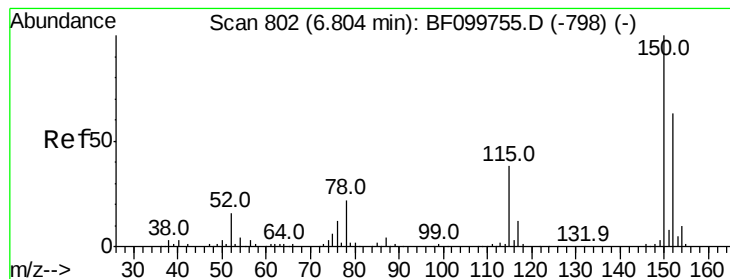
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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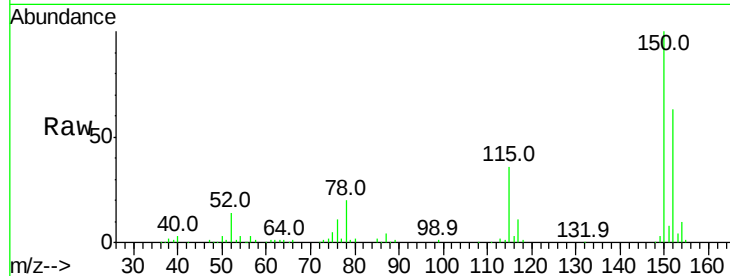


#1

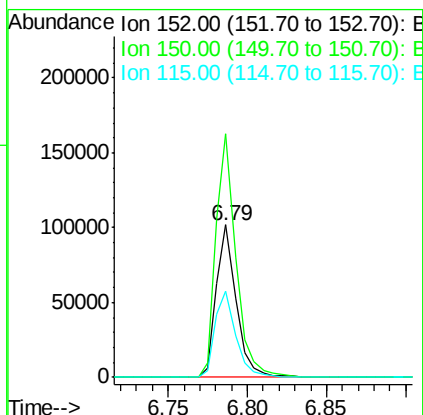
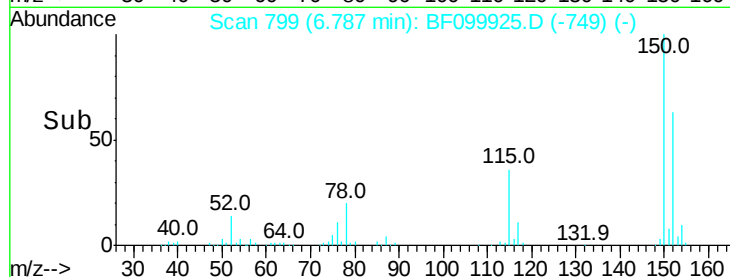
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099925.D
Acq: 28 Oct 2017 18:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 89379
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 56.9 50.1 75.1



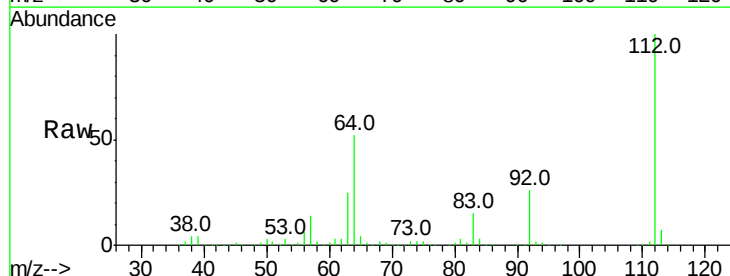
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



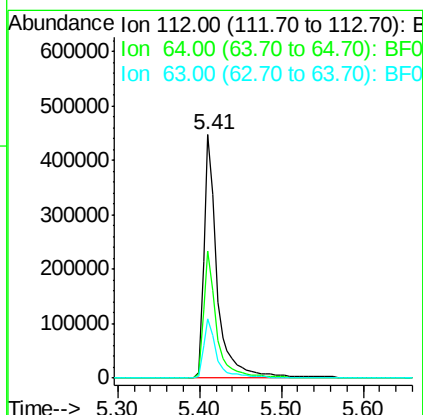
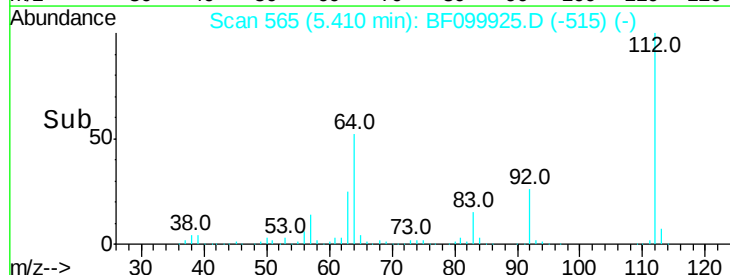
#5

2-Fluorophenol
Concen: 90.533 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099925.D
Acq: 28 Oct 2017 18:54

Tgt Ion:112 Resp: 515411
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 24.6 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: 90.422 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099925.D

Acq: 28 Oct 2017 18:54

Instrument :

BNA_F

ClientSampled :

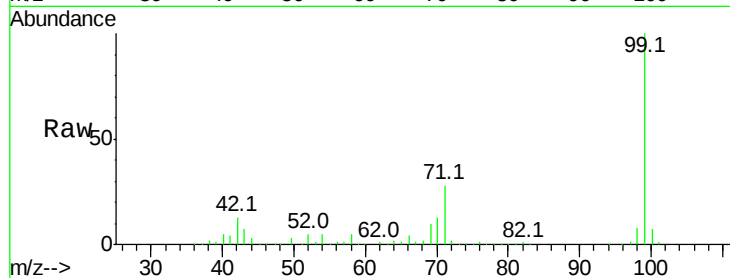
Tot Ion: 99 Resp: 610381

Ion Ratio Lower Upper

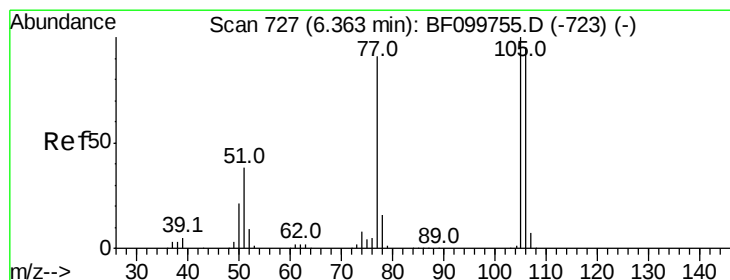
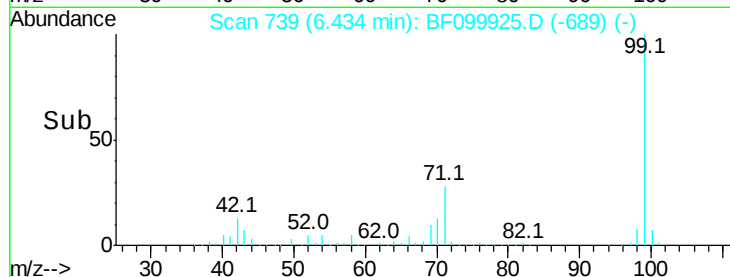
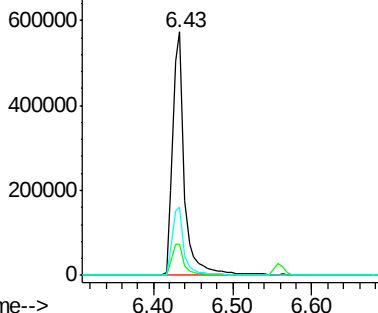
99 100

42 12.6 14.5 21.7#

71 28.1 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: 2.321 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.20 min

Lab File: BF099925.D

Acq: 28 Oct 2017 18:54

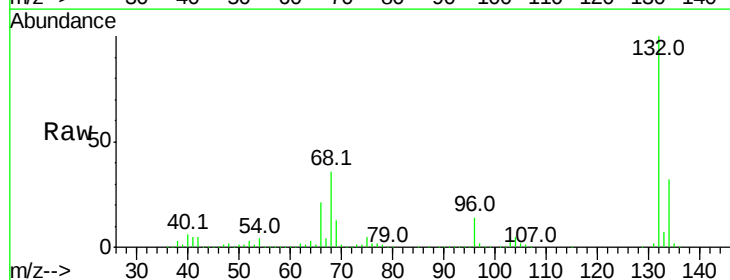
Tgt Ion: 77 Resp: 9361

Ion Ratio Lower Upper

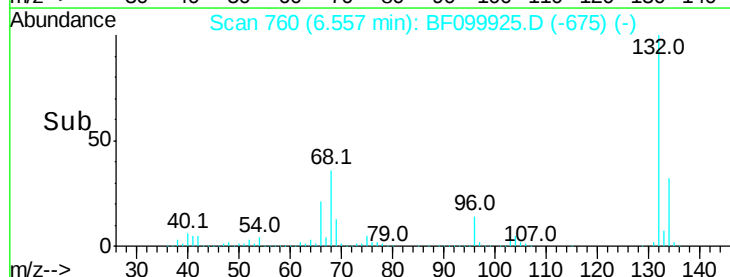
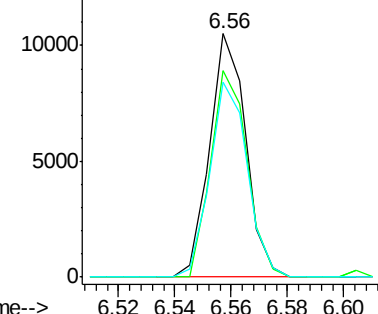
77 100

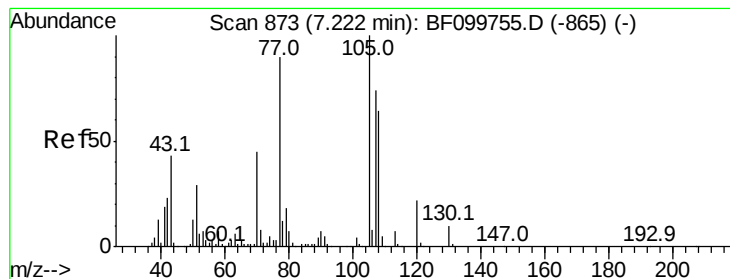
105 84.8 81.1 121.1

106 80.3 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





#19

n-Nitroso-di-n-propylamine

Concen: 10.839 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099925.D

Acq: 28 Oct 2017 18:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 42879

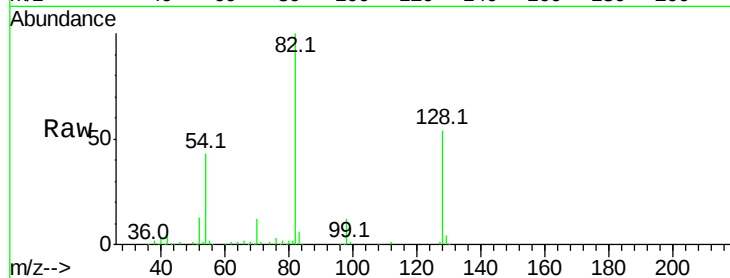
Ion Ratio Lower Upper

70 100

42 39.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

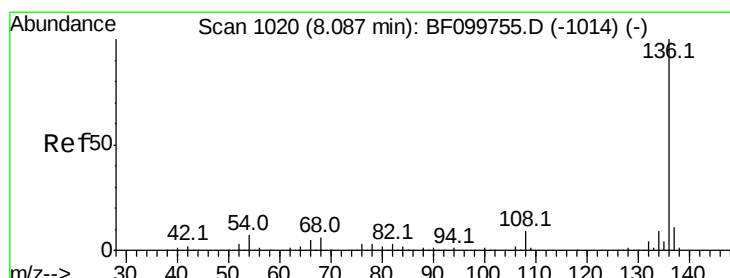
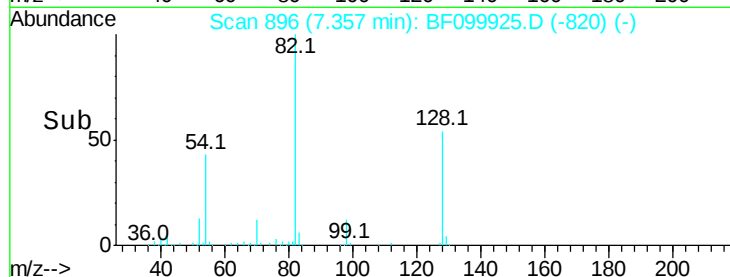
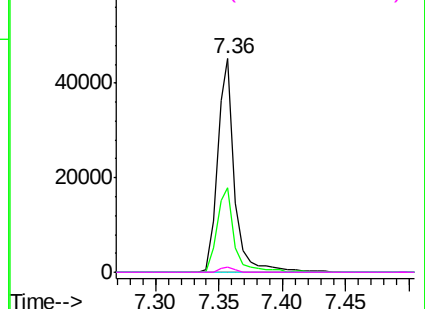


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099925.D

Acq: 28 Oct 2017 18:54

Tgt Ion: 136 Resp: 369030

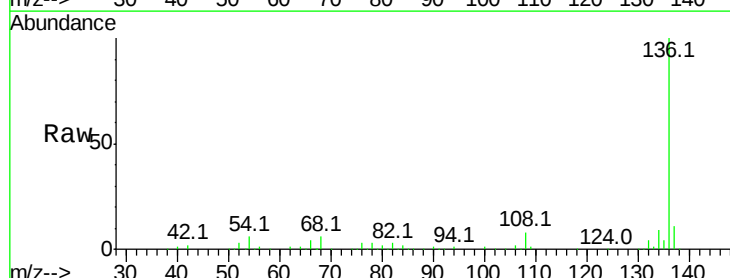
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.9 6.6 9.8#

68 5.6 5.0 7.4

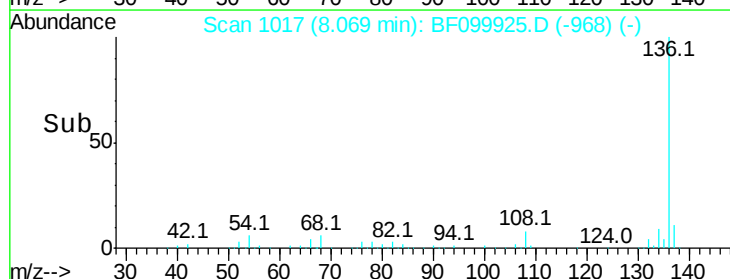
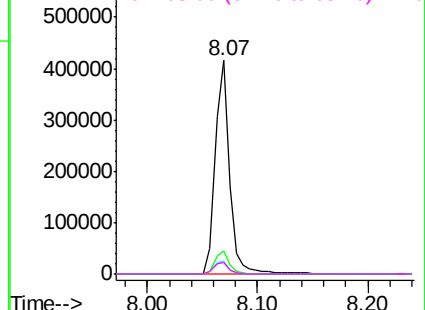


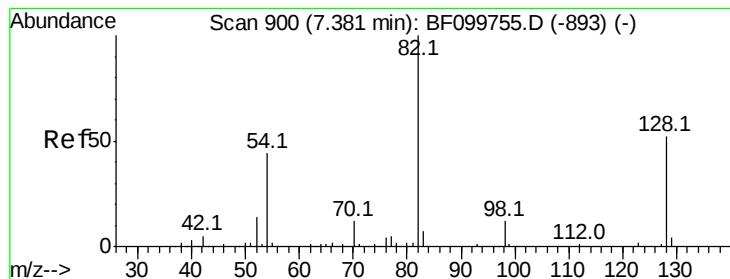
Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.240 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099925.D

Acq: 28 Oct 2017 18:54

Instrument :

BNA_F

ClientSampled :

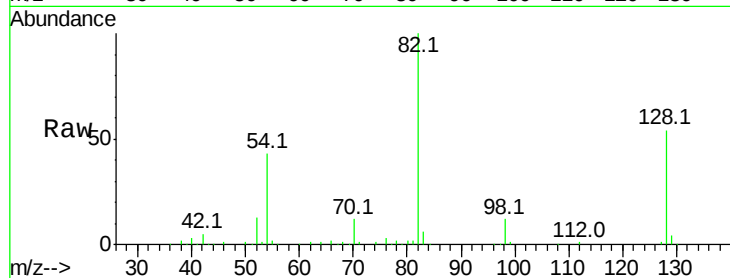
Tot Ion: 82 Resp: 345297

Ion Ratio Lower Upper

82 100

128 53.7 36.1 54.1

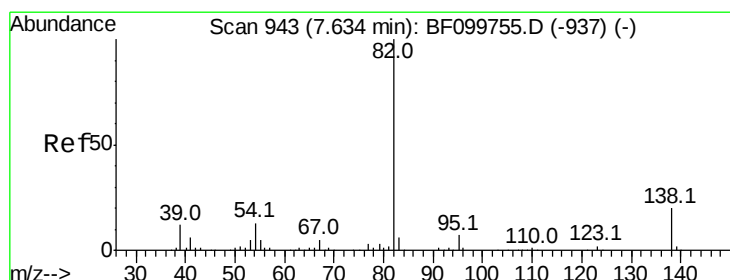
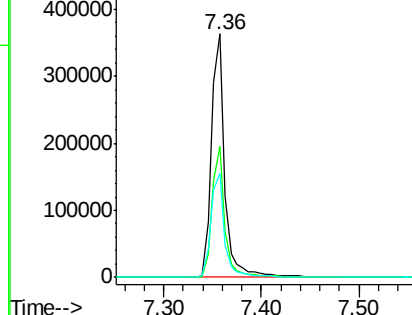
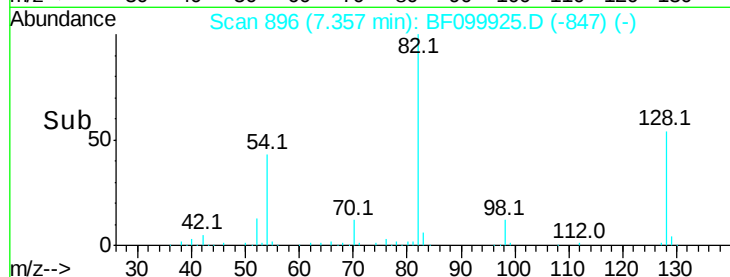
54 42.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 33.198 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099925.D

Acq: 28 Oct 2017 18:54

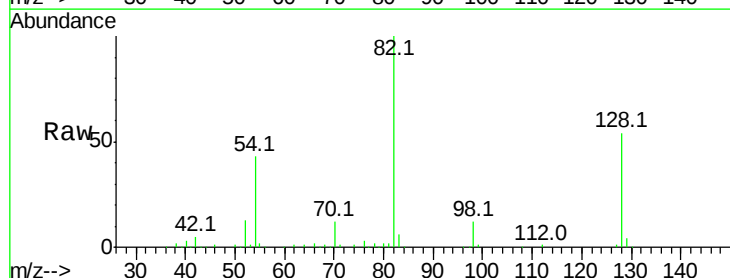
Tgt Ion: 82 Resp: 345297

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

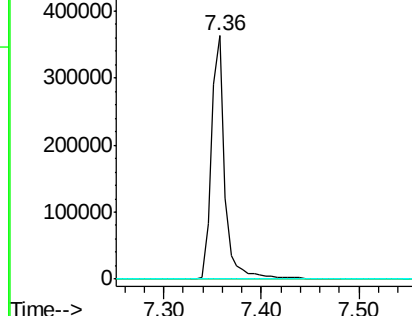
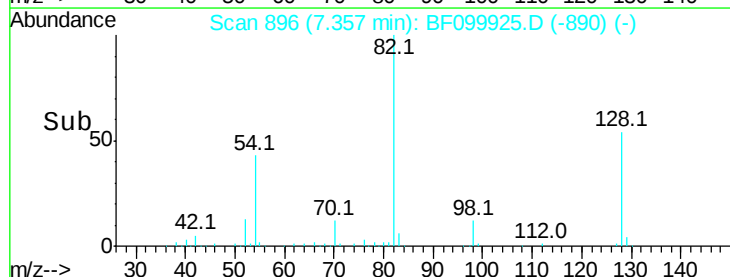
138 0.0 14.9 22.3#

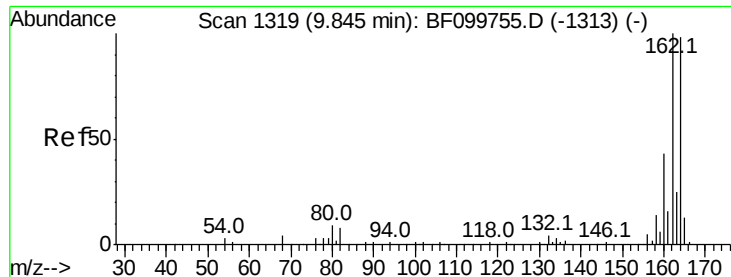


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

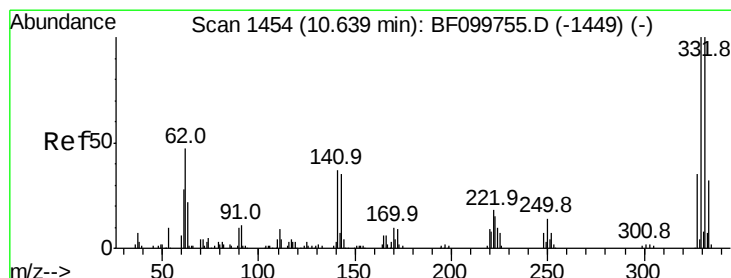
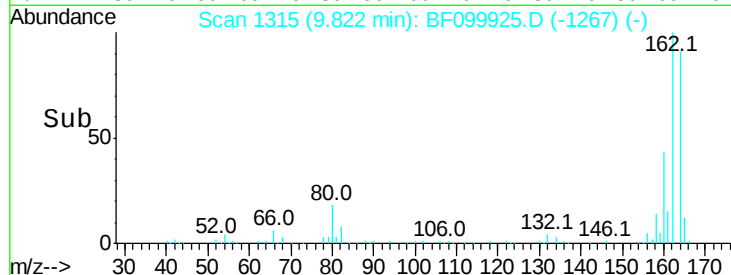
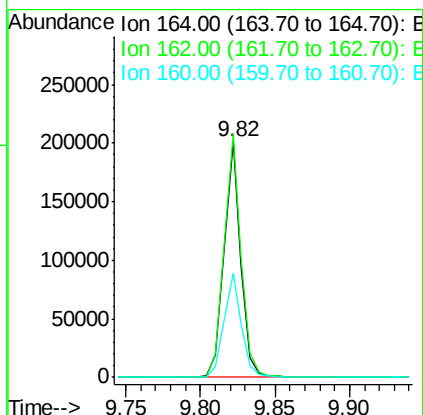
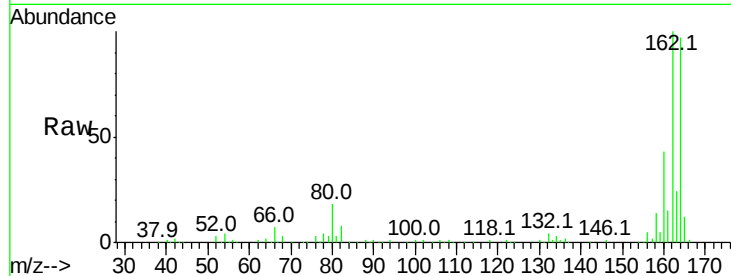




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099925.D
Acq: 28 Oct 2017 18:54

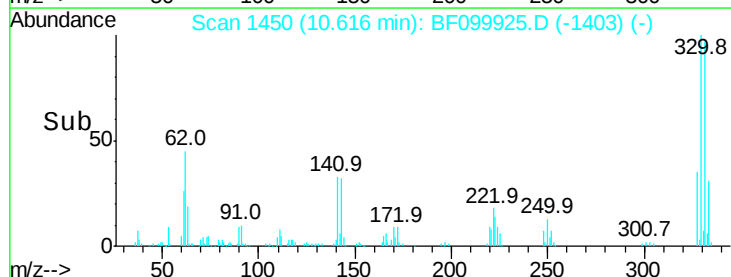
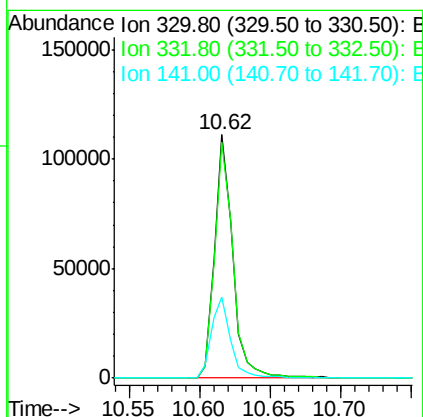
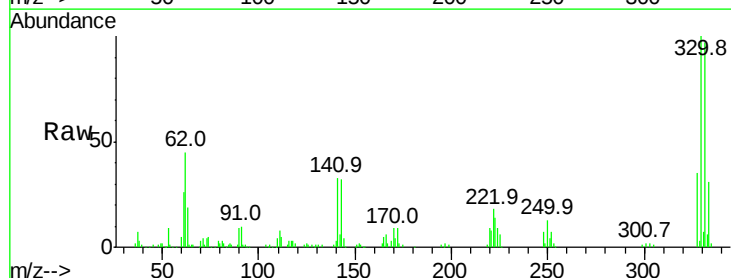
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 159870
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 44.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 68.426 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099925.D
Acq: 28 Oct 2017 18:54

Tgt Ion:330 Resp: 99691
Ion Ratio Lower Upper
330 100
332 98.7 77.0 115.6
141 35.1 29.9 44.9



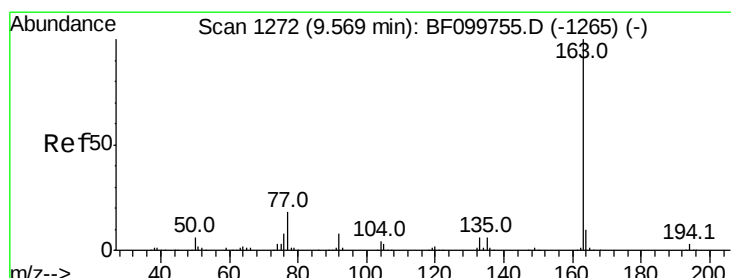
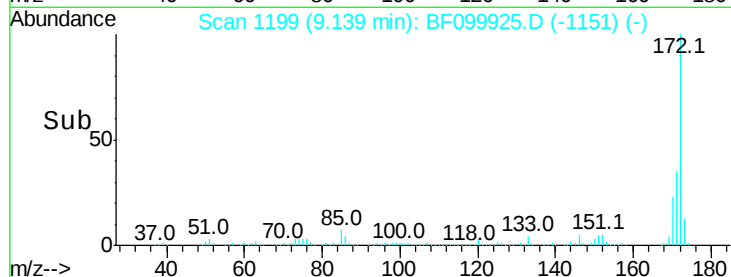
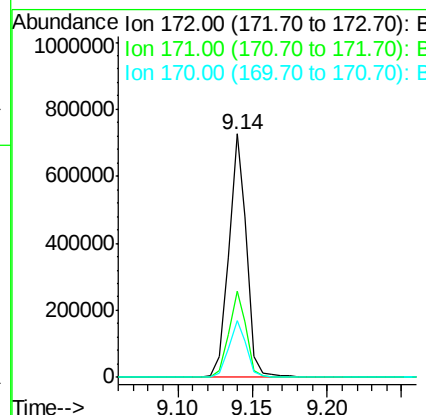
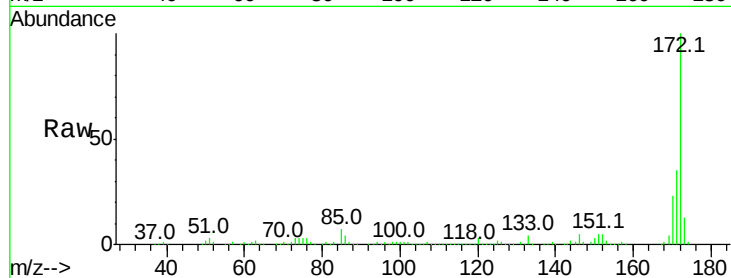


#44
 2-Fluorobiphenyl
 Concen: 58.738 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099925.D
 Acq: 28 Oct 2017 18:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 608644

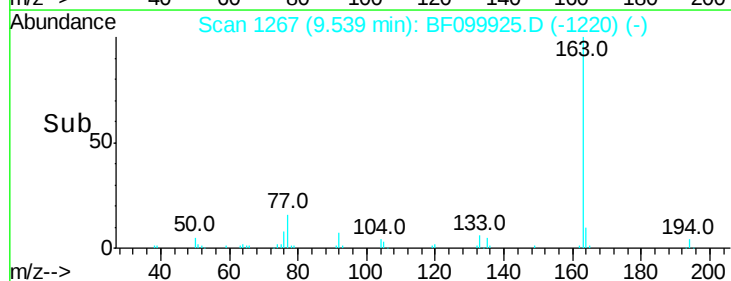
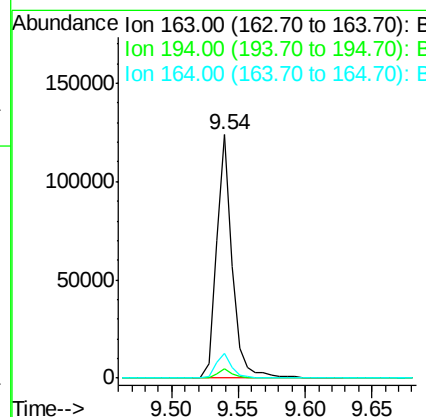
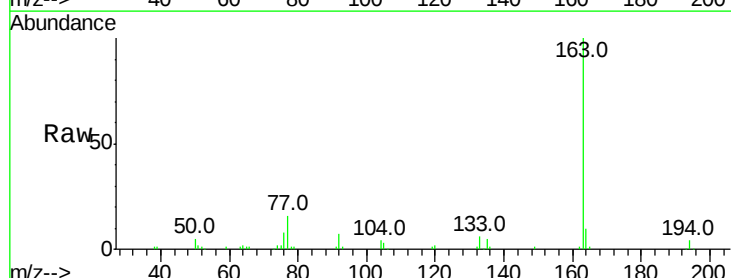
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.4	19.6	29.4



#49
 Dimethylphthalate
 Concen: 8.090 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF099925.D
 Acq: 28 Oct 2017 18:54

Tgt Ion:163 Resp: 102419

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2

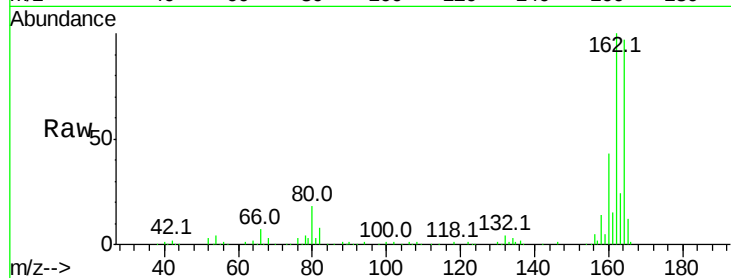




#56
 2,4-Dinitrotoluene
 Concen: 6.267 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099925.D
 Acq: 28 Oct 2017 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

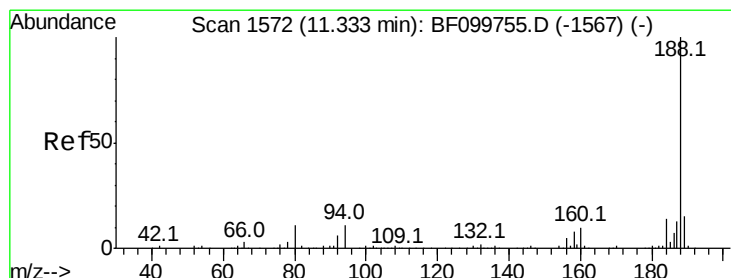
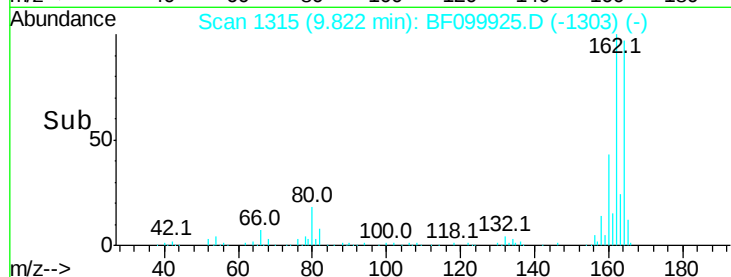
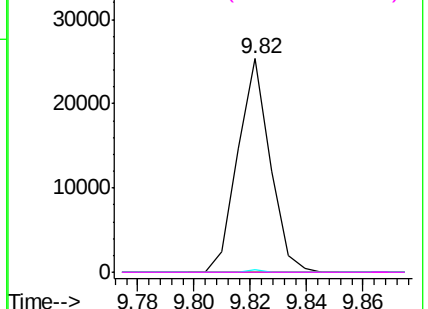


Abundance Ion 165.00 (164.70 to 165.70): E

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



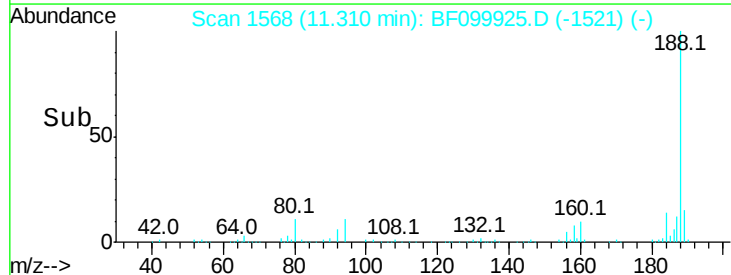
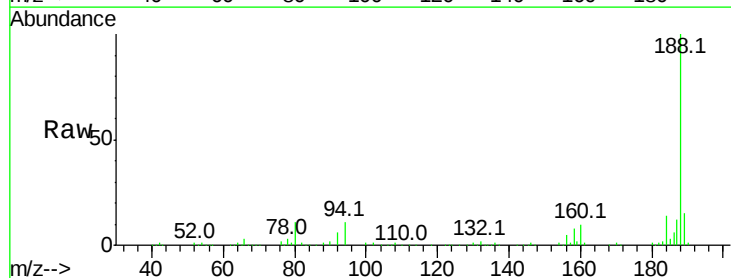
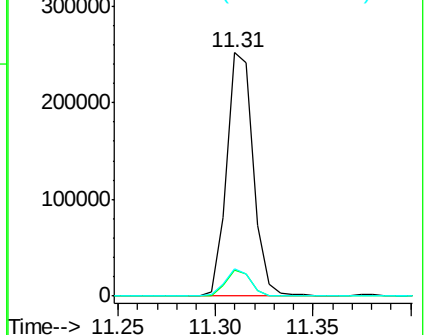
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF099925.D
 Acq: 28 Oct 2017 18:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.1	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

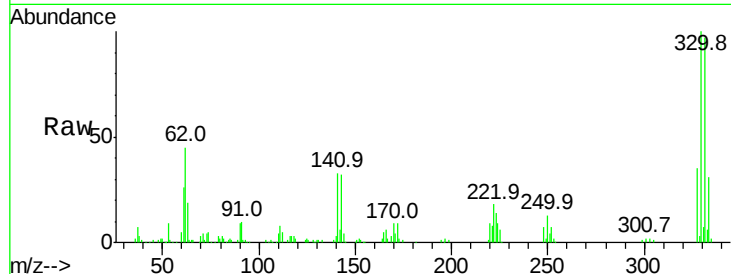




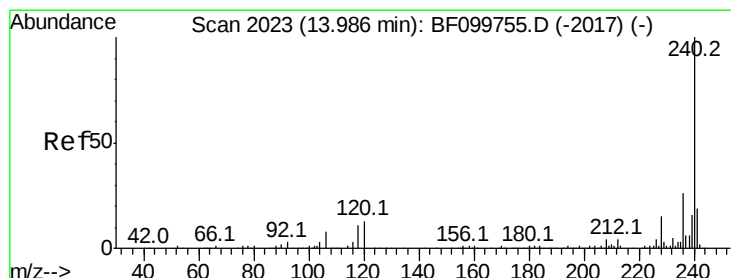
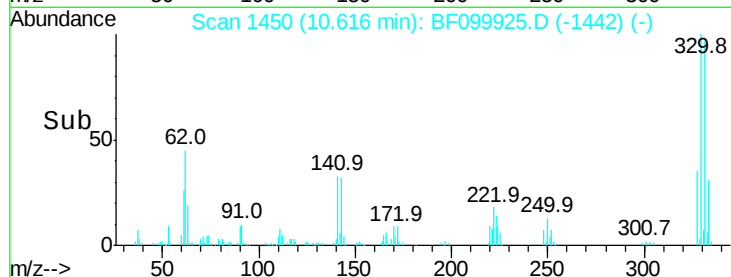
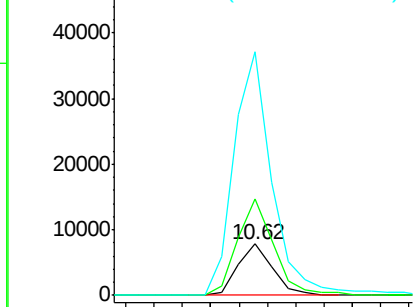
#66
 4-Bromophenyl-phenylether
 Concen: 2.676 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF099925.D
 Acq: 28 Oct 2017 18:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 6708
 Ion Ratio Lower Upper
 248 100
 250 187.5 76.9 115.3#
 141 474.0 74.4 111.6#

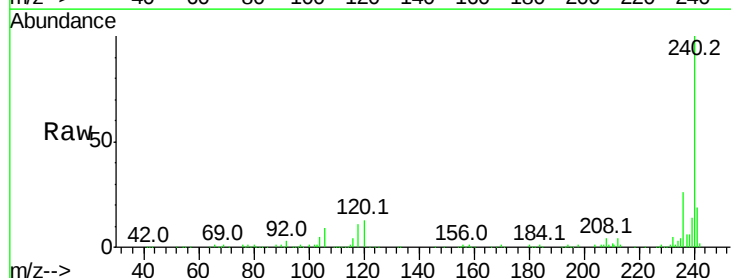


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

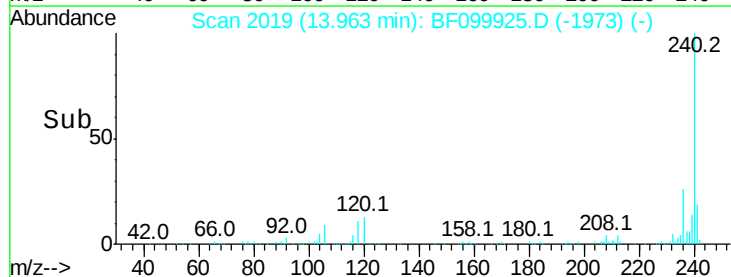
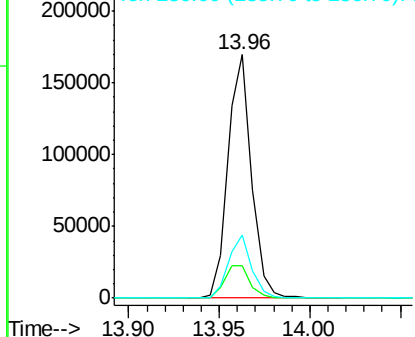


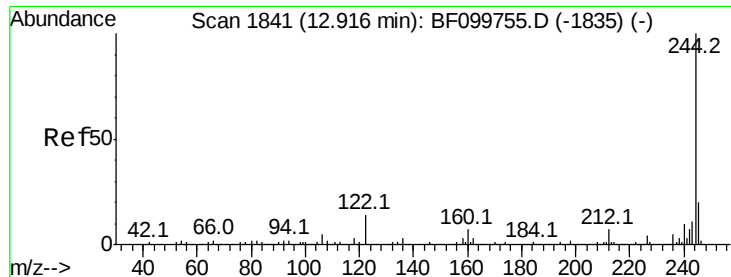
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BF099925.D
 Acq: 28 Oct 2017 18:54

Tgt Ion:240 Resp: 153342
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 26.2 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: 52.127 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.03 min

Lab File: BF099925.D

Acq: 28 Oct 2017 18:54

Instrument :

BNA_F

ClientSampled :

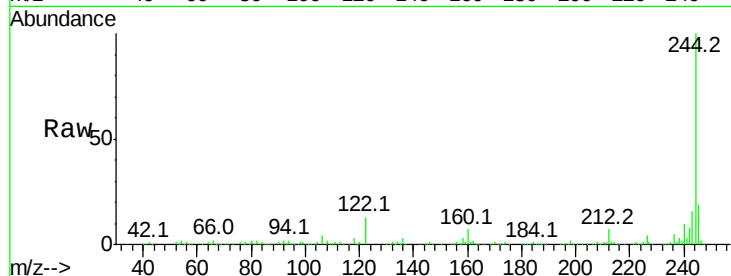
Tot Ion:244 Resp: 365760

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

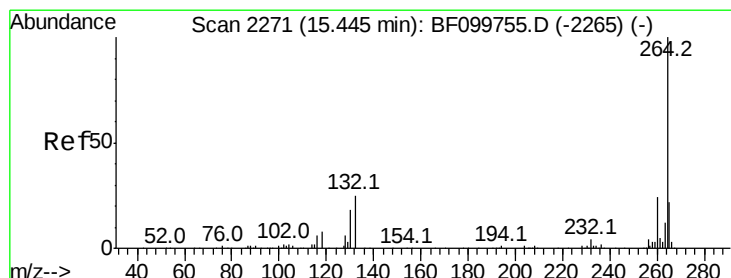
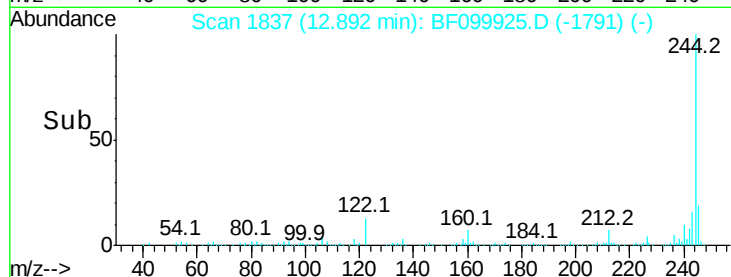
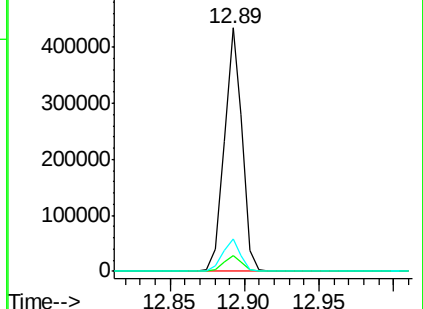
122 13.5 11.0 16.4



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: 15.42 min Scan# 2267

Delta R.T. -0.04 min

Lab File: BF099925.D

Acq: 28 Oct 2017 18:54

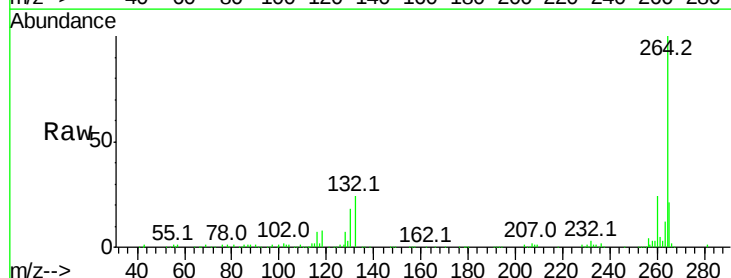
Tgt Ion:264 Resp: 167657

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.2 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

