

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099822.D
 Acq On : 25 Oct 2017 19:23
 Operator : SJ/JU
 Sample : PB103580BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:35:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

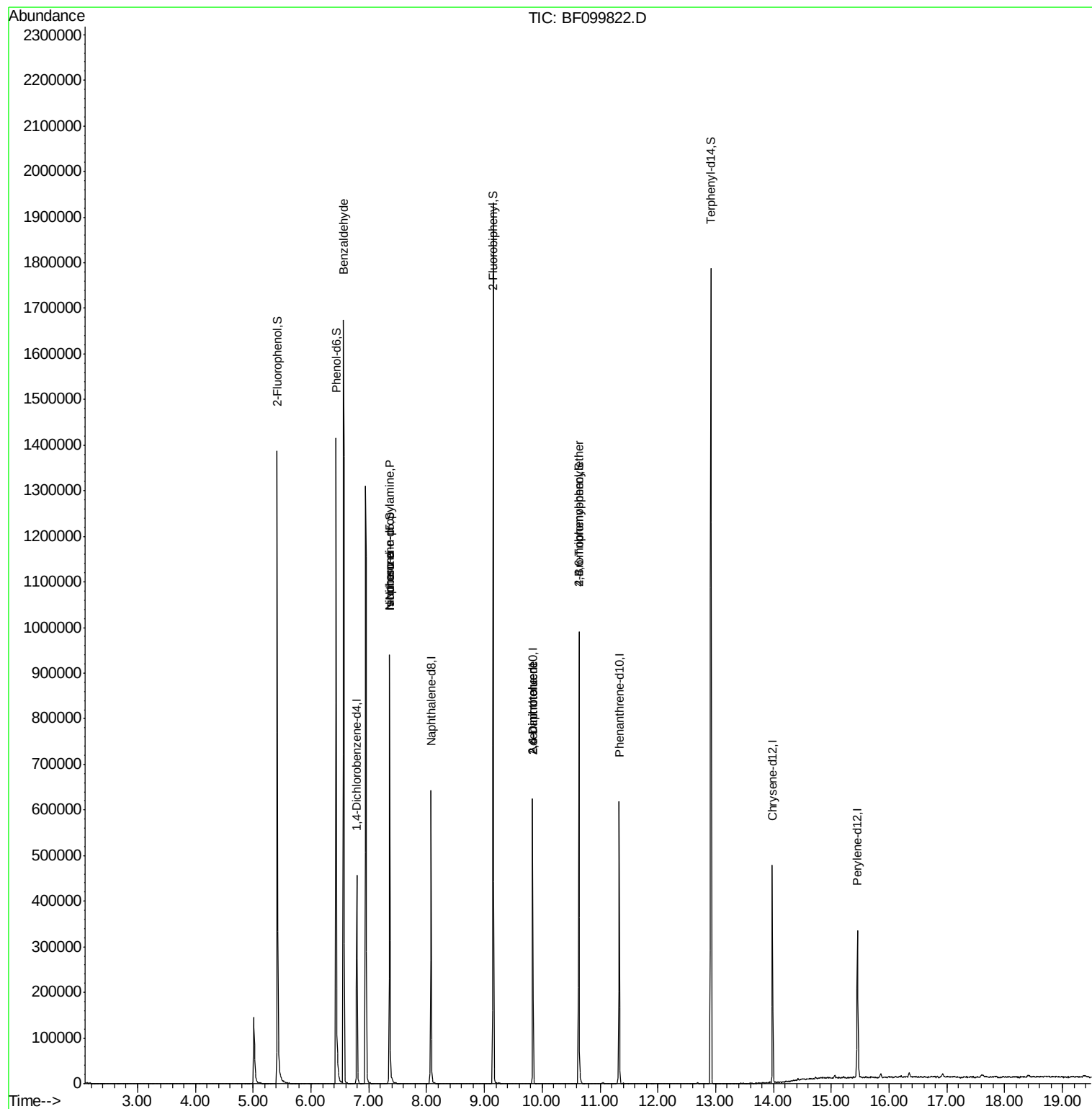
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	70366	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	290468	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	131392	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	233494	20.00	ng	0.00
75) Chrysene-d12	13.99	240	172475	20.00	ng	0.00
86) Perylene-d12	15.45	264	148914	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	473870	105.73	ng	0.00
7) Phenol-d6	6.43	99	553331	104.12	ng	0.00
23) Nitrobenzene-d5	7.36	82	311770	69.10	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	118894	99.29	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	671759	78.88	ng	0.00
78) Terphenyl-d14	12.92	244	573024	72.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	8434	2.656	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	38867	12.480	ng	# 69
25) Isophorone	7.36	82	311770	38.082	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	16239	7.424	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	16239	6.165	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	7224	2.939	ng	# 1

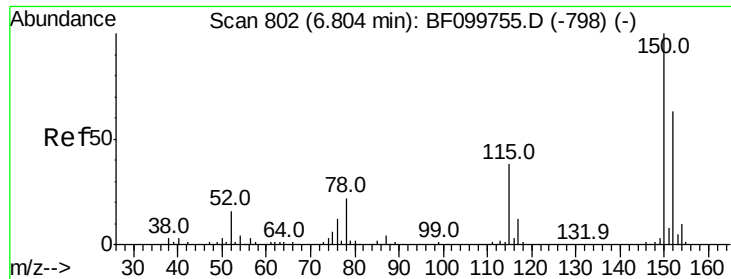
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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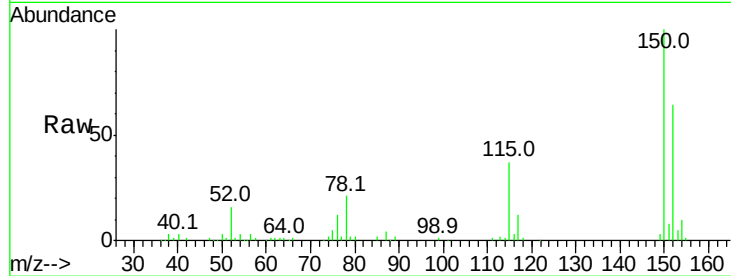


#1

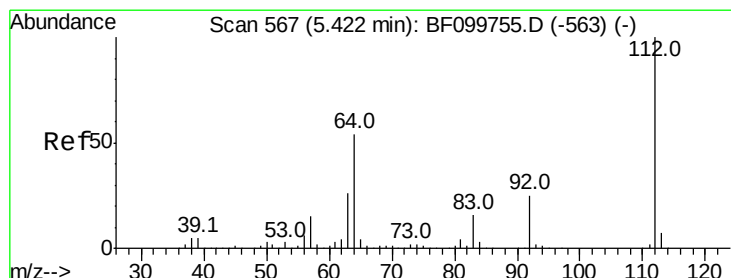
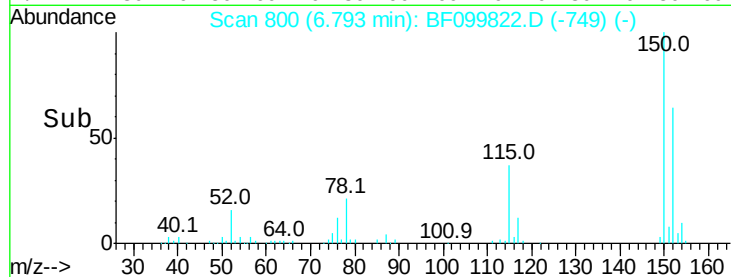
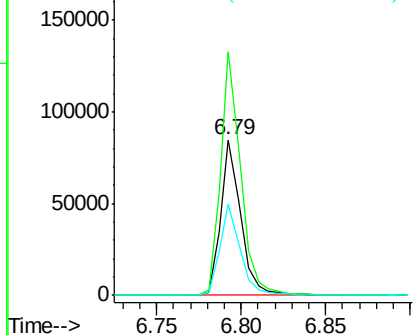
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 70366
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 58.4 50.1 75.1



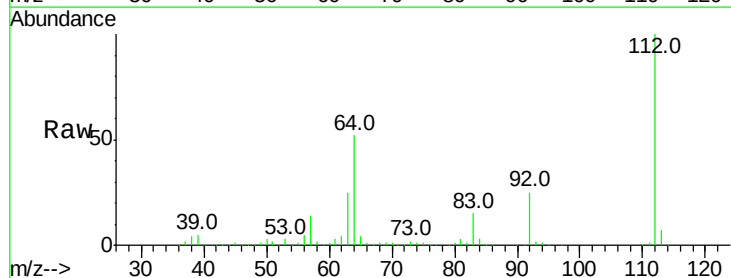
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



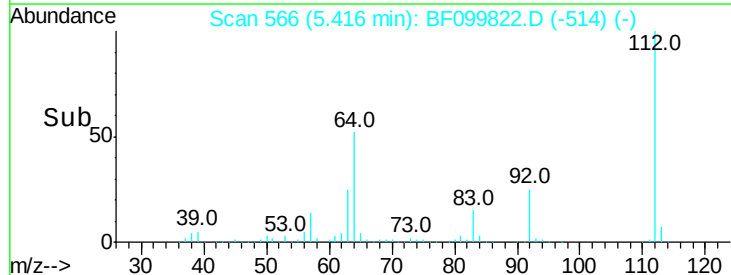
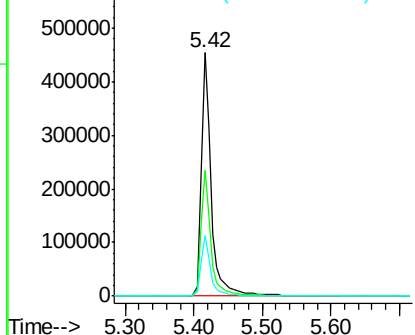
#5

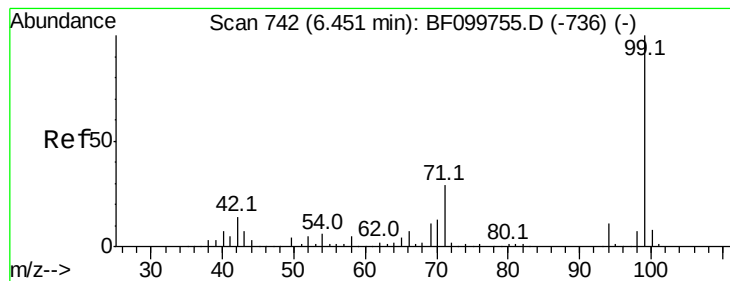
2-Fluorophenol
 Concen: 105.727 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

Tgt Ion:112 Resp: 473870
 Ion Ratio Lower Upper
 112 100
 64 51.9 47.9 71.9
 63 24.8 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: 104.119 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099822.D

Acq: 25 Oct 2017 19:23

Instrument :

BNA_F

ClientSampleId :

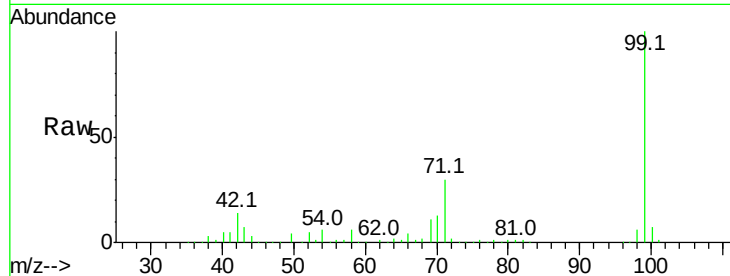
Tot Ion: 99 Resp: 553331

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

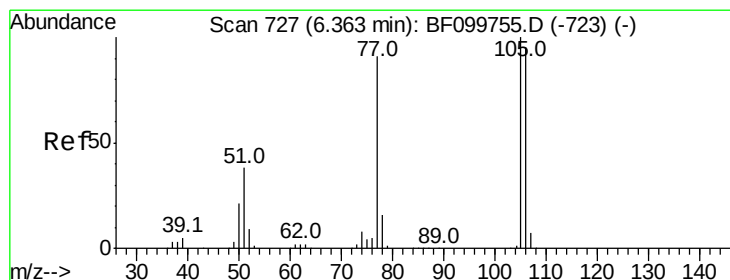
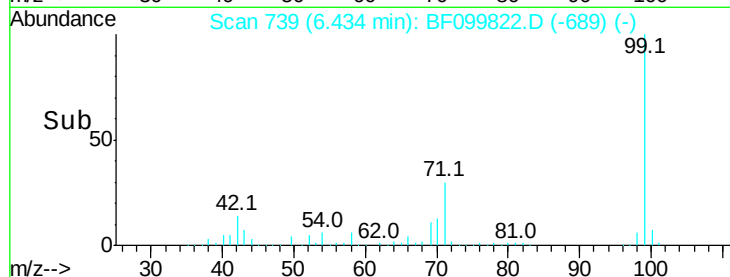
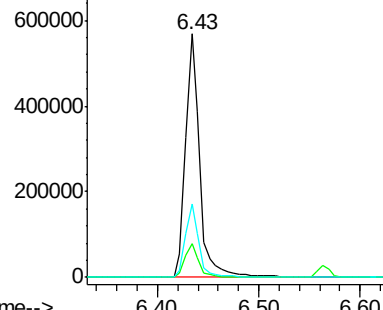
71 29.9 25.4 38.0



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: 2.656 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099822.D

Acq: 25 Oct 2017 19:23

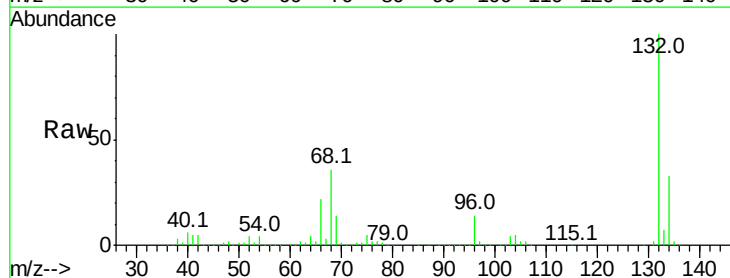
Tgt Ion: 77 Resp: 8434

Ion Ratio Lower Upper

77 100

105 91.9 81.1 121.1

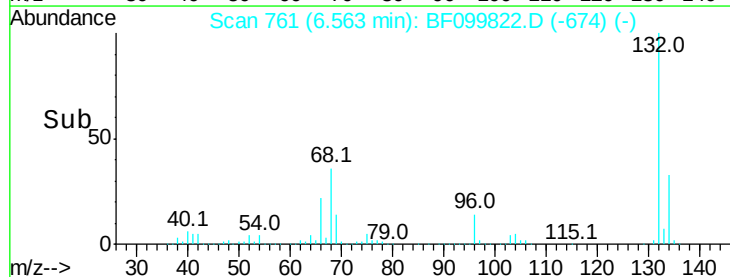
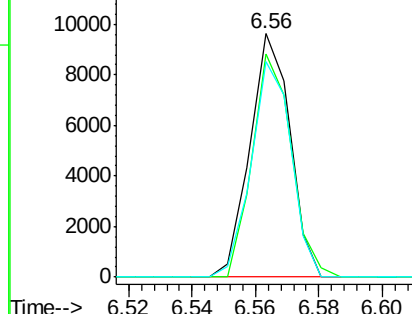
106 88.7 74.5 114.5

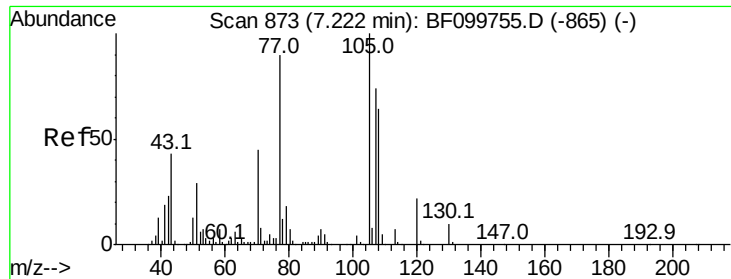


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.480 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099822.D

Acq: 25 Oct 2017 19:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 38867

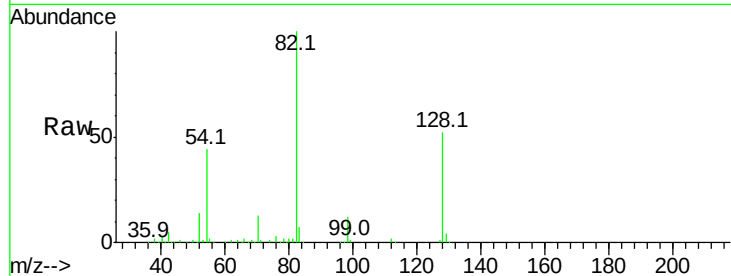
Ion Ratio Lower Upper

70 100

42 37.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

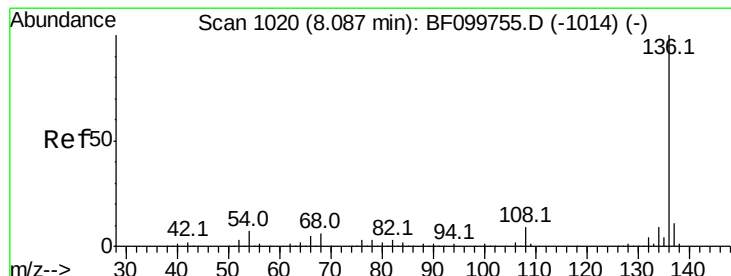
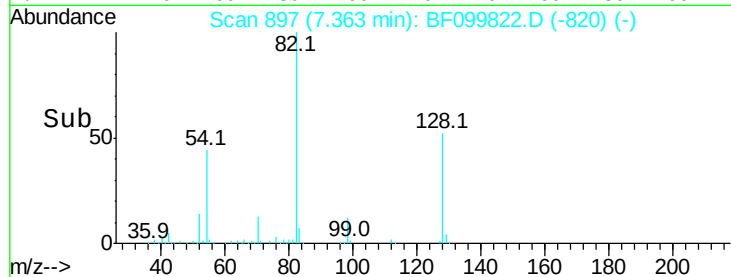
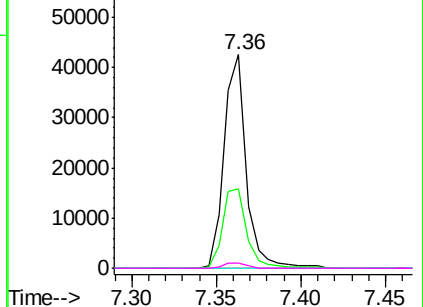


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099822.D

Acq: 25 Oct 2017 19:23

Tgt Ion: 136 Resp: 290468

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.6 6.6 9.8

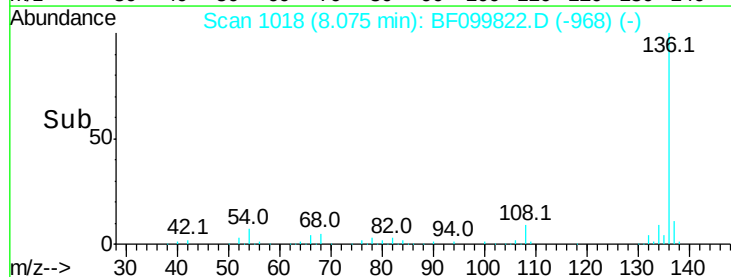
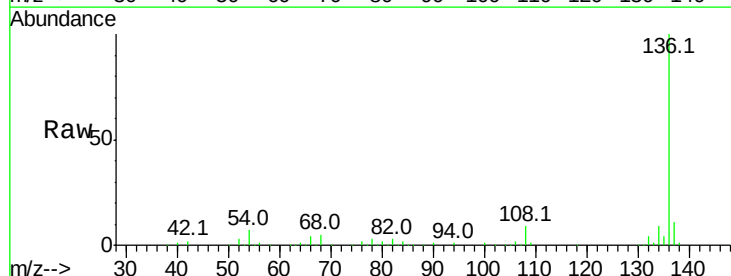
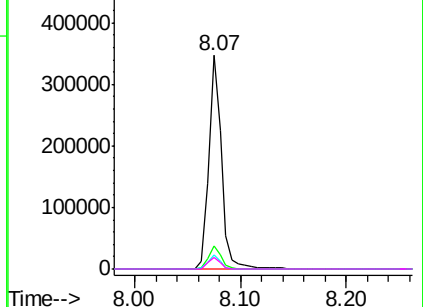
68 5.5 5.0 7.4

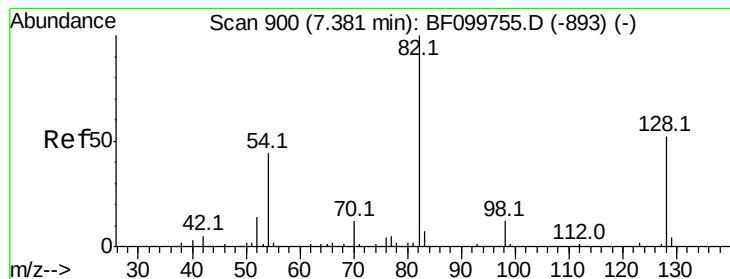
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 69.102 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099822.D

Acq: 25 Oct 2017 19:23

Instrument :

BNA_F

ClientSampled :

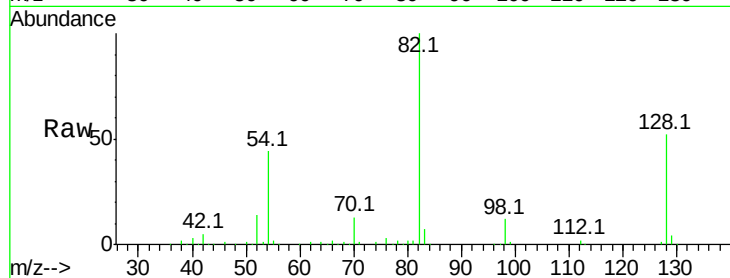
Tot Ion: 82 Resp: 311770

Ion Ratio Lower Upper

82 100

128 52.2 36.1 54.1

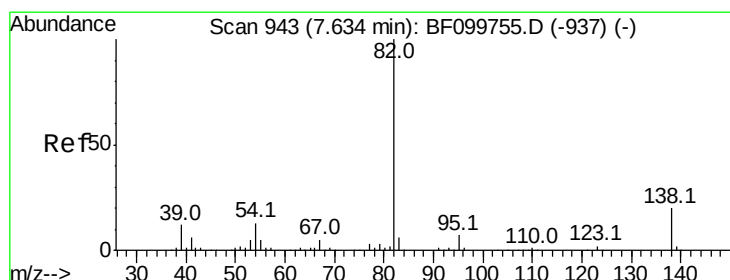
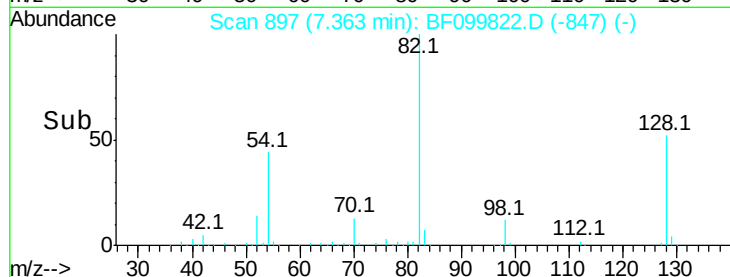
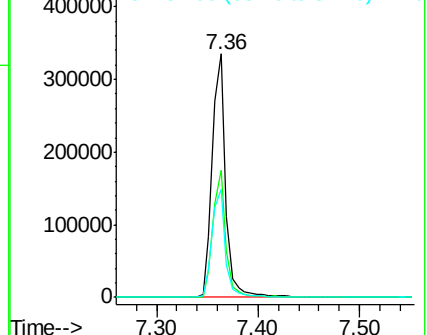
54 44.4 41.4 62.2



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: 38.082 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099822.D

Acq: 25 Oct 2017 19:23

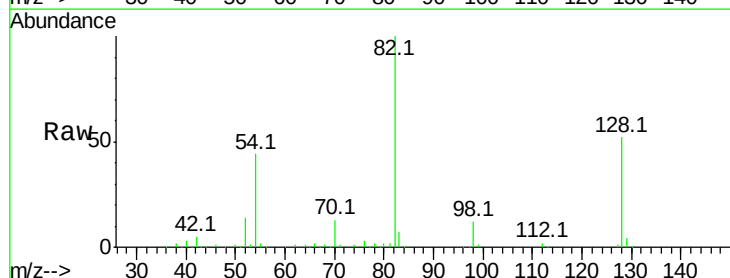
Tgt Ion: 82 Resp: 311770

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

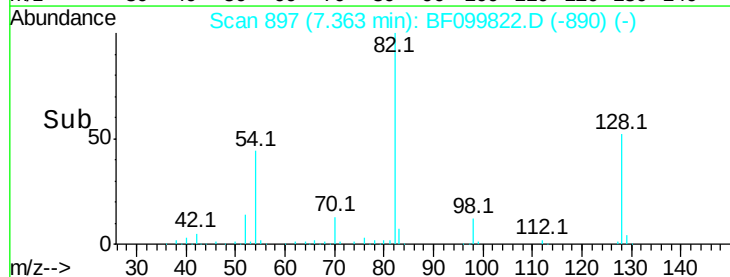
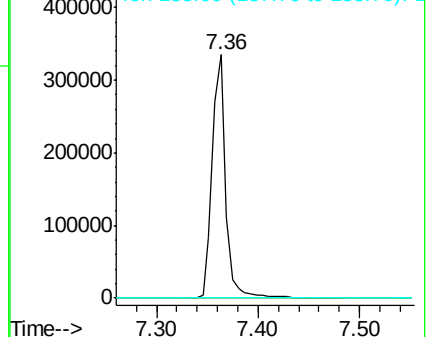
138 0.0 14.9 22.3#

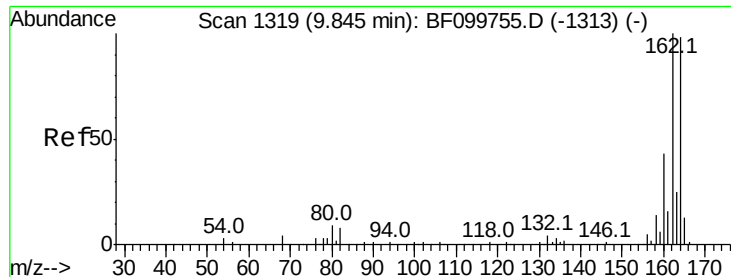


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

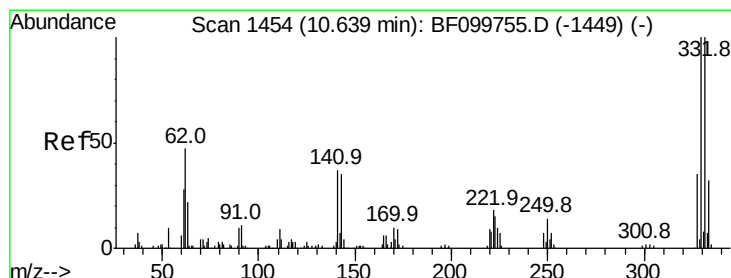
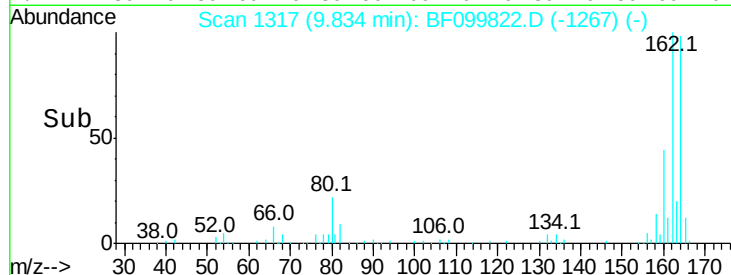
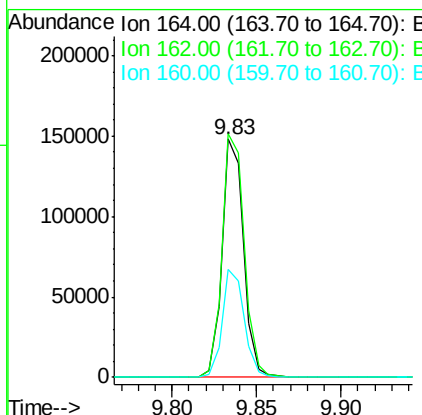
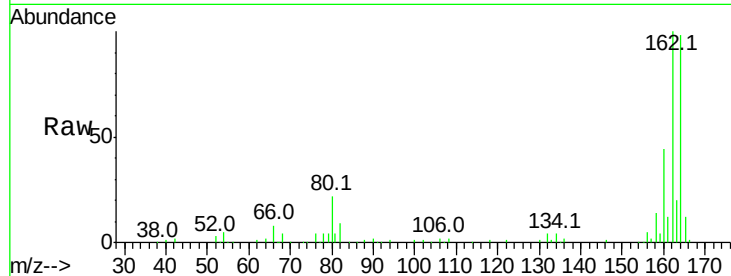




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099822.D
Acq: 25 Oct 2017 19:23

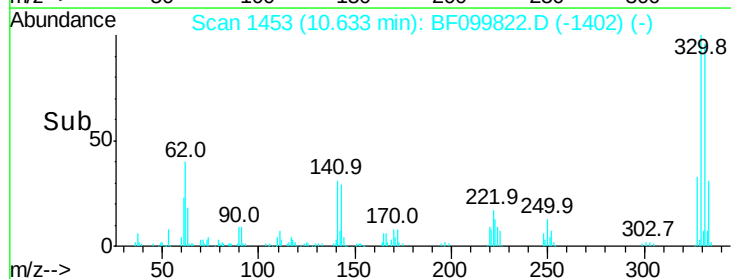
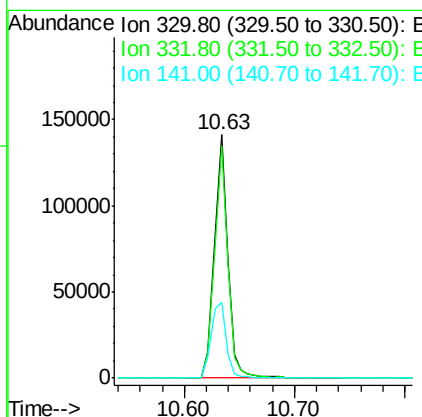
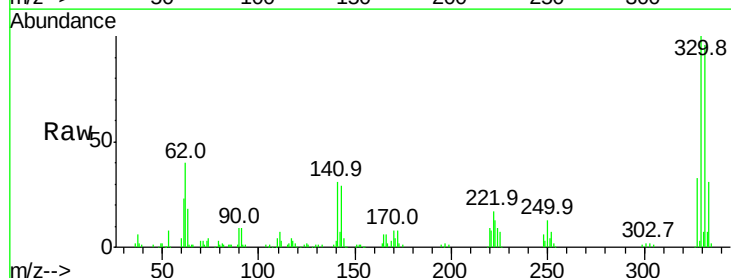
Instrument :
BNA_F
ClientSampleId :

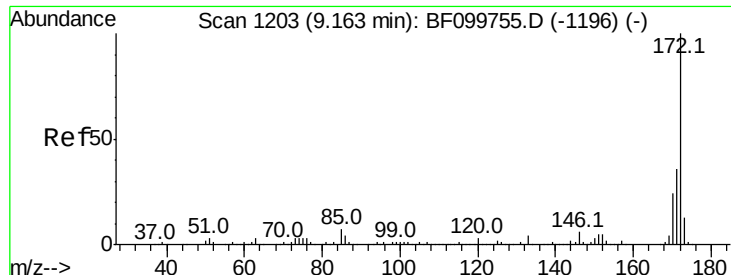
Tot Ion:164 Resp: 131392
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 45.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 99.294 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF099822.D
Acq: 25 Oct 2017 19:23

Tgt Ion:330 Resp: 118894
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 34.8 29.9 44.9

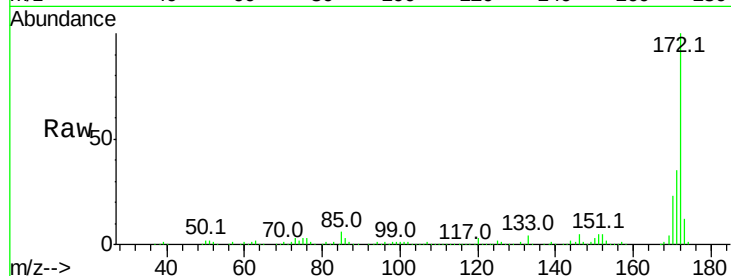




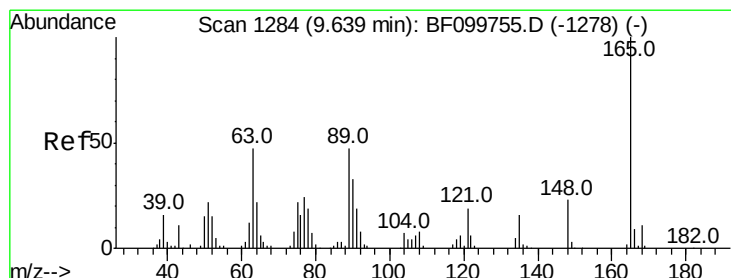
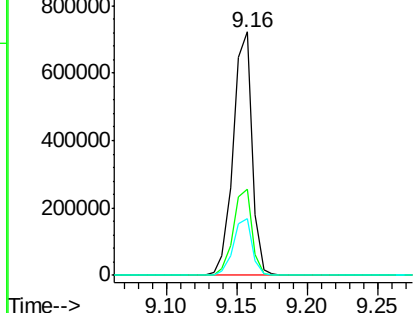
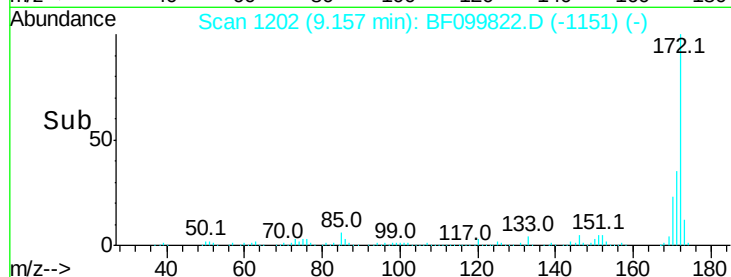
#44
 2-Fluorobiphenyl
 Concen: 78.880 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.1	19.6	29.4

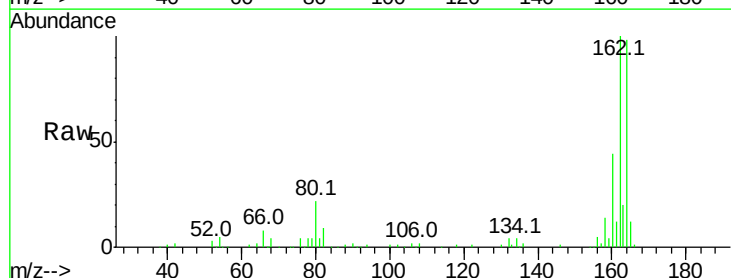


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

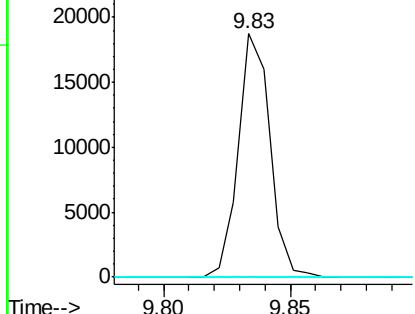
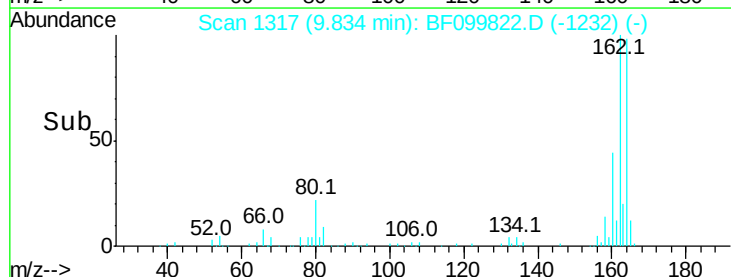


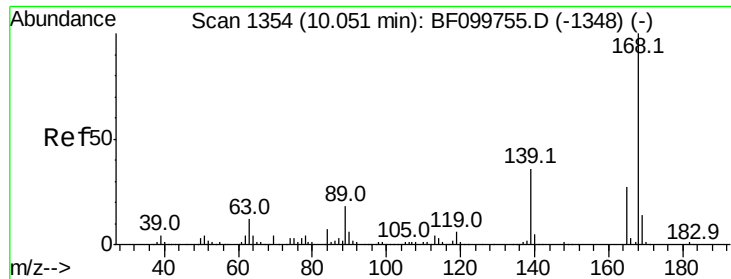
#50
 2,6-Dinitrotoluene
 Concen: 7.424 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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

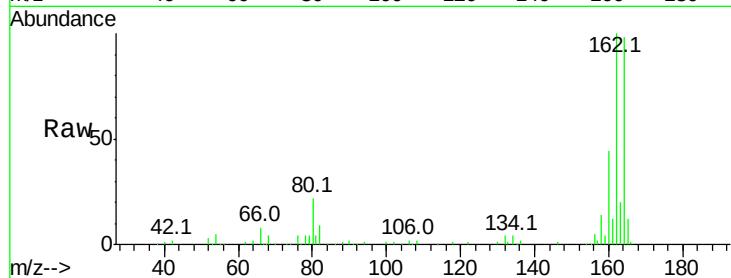




#56
 2,4-Dinitrotoluene
 Concen: 6.165 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	16239
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

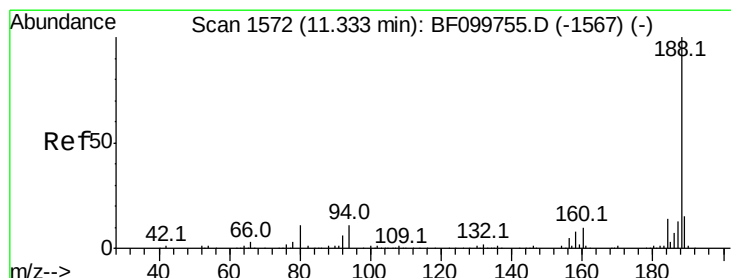
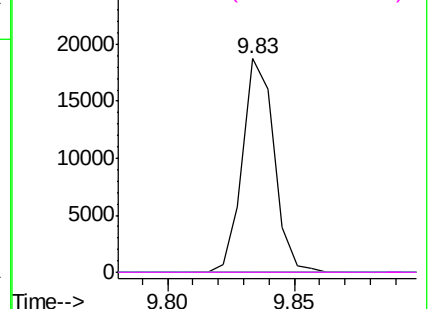
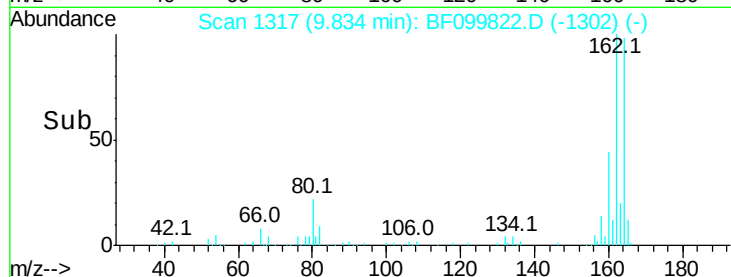


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

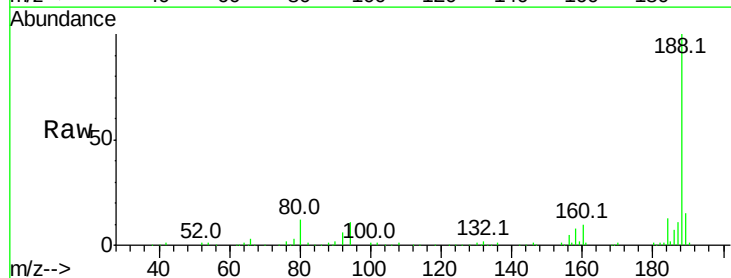
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

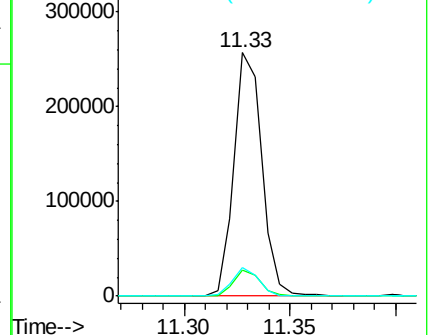
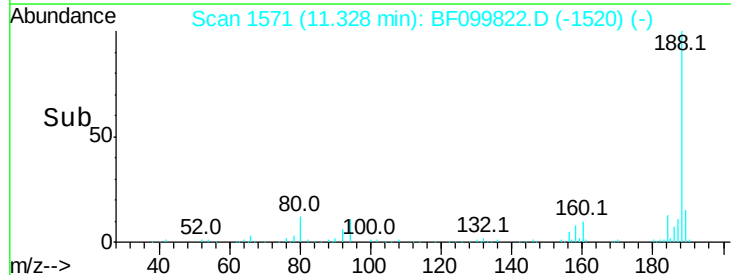
Tgt Ion:	188	Resp:	233494
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.7	9.2	13.8

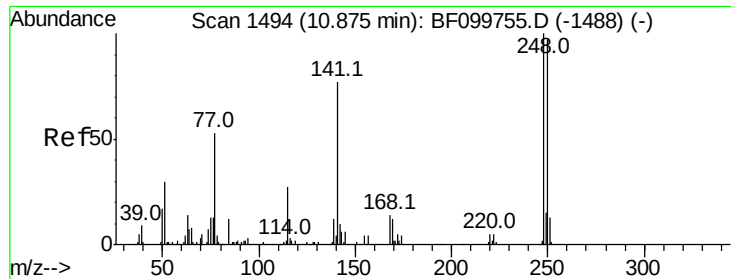


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

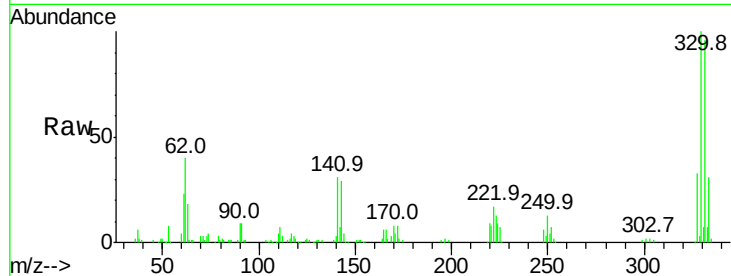




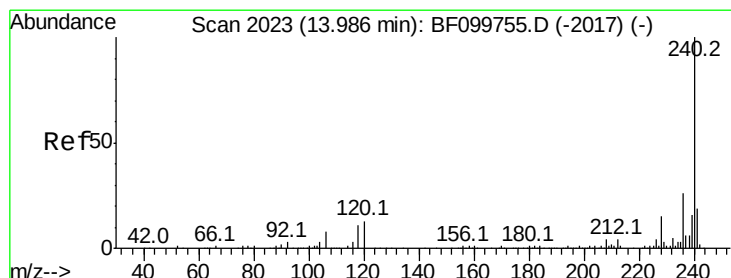
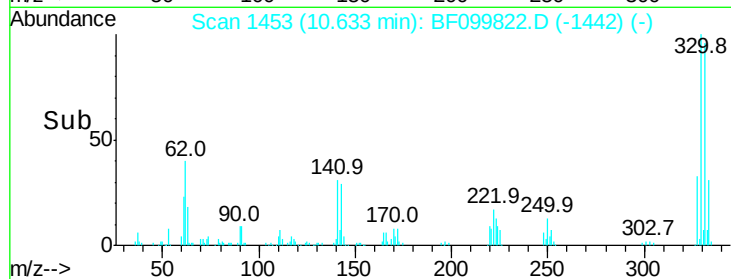
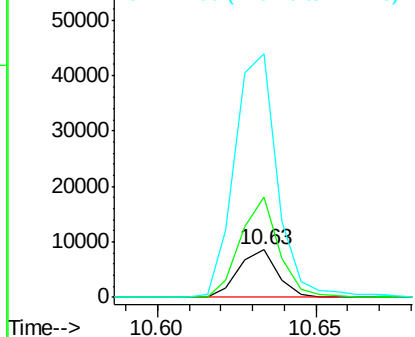
#66
 4-Bromophenyl-phenylether
 Concen: 2.939 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7224
 Ion Ratio Lower Upper
 248 100
 250 209.8 76.9 115.3#
 141 511.9 74.4 111.6#

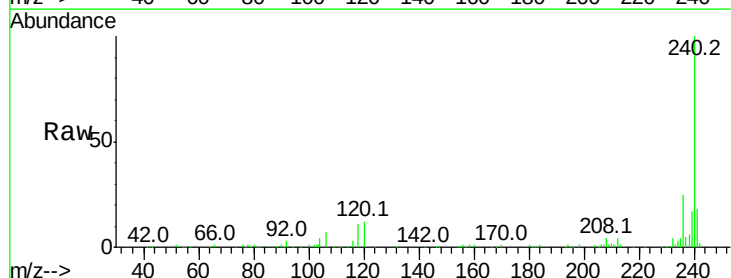


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

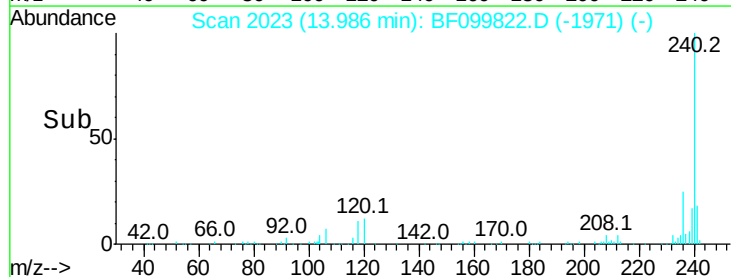
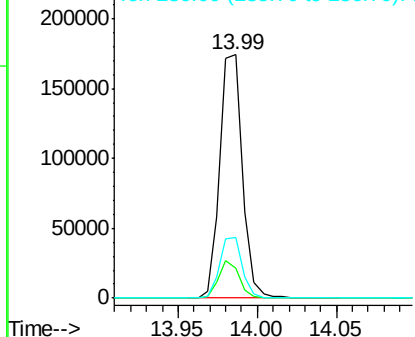


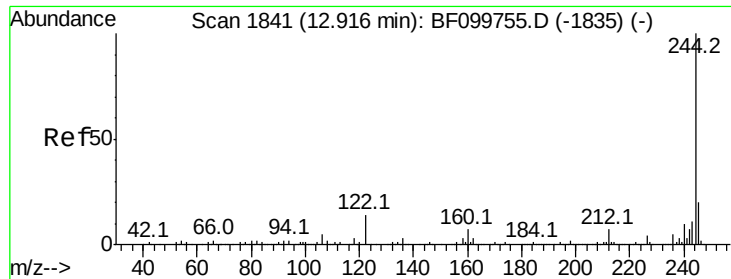
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

Tgt Ion:240 Resp: 172475
 Ion Ratio Lower Upper
 240 100
 120 12.3 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

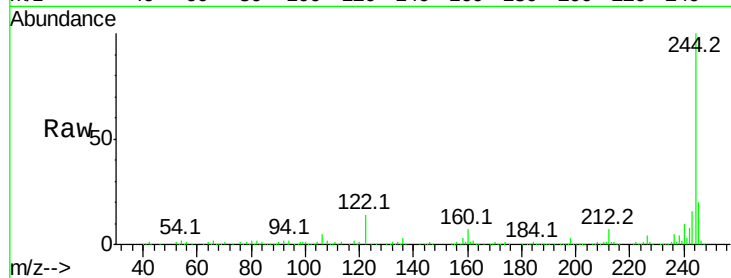




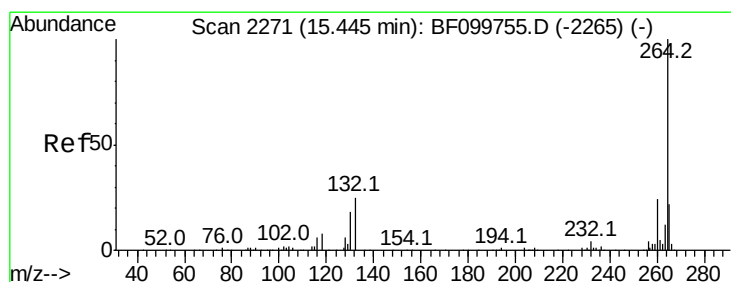
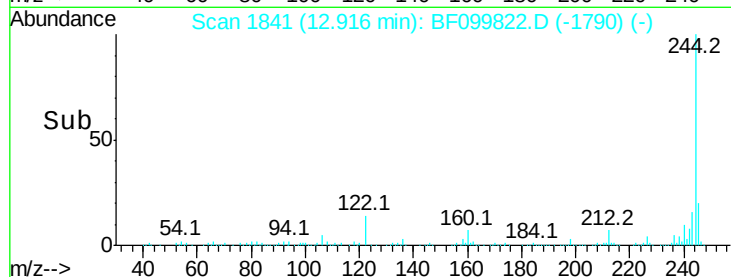
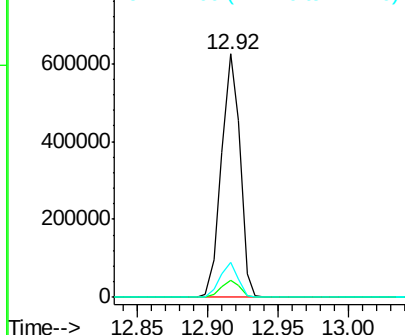
#78
 Terphenyl-d14
 Concen: 72.606 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 573024
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.2 11.0 16.4

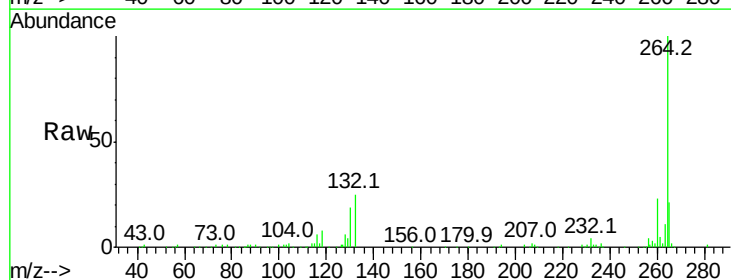


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099822.D
 Acq: 25 Oct 2017 19:23

Tgt Ion:264 Resp: 148914
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.4 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

