

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099795.D
 Acq On : 24 Oct 2017 18:31
 Operator : SJ/JU
 Sample : I6025-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 07:37:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

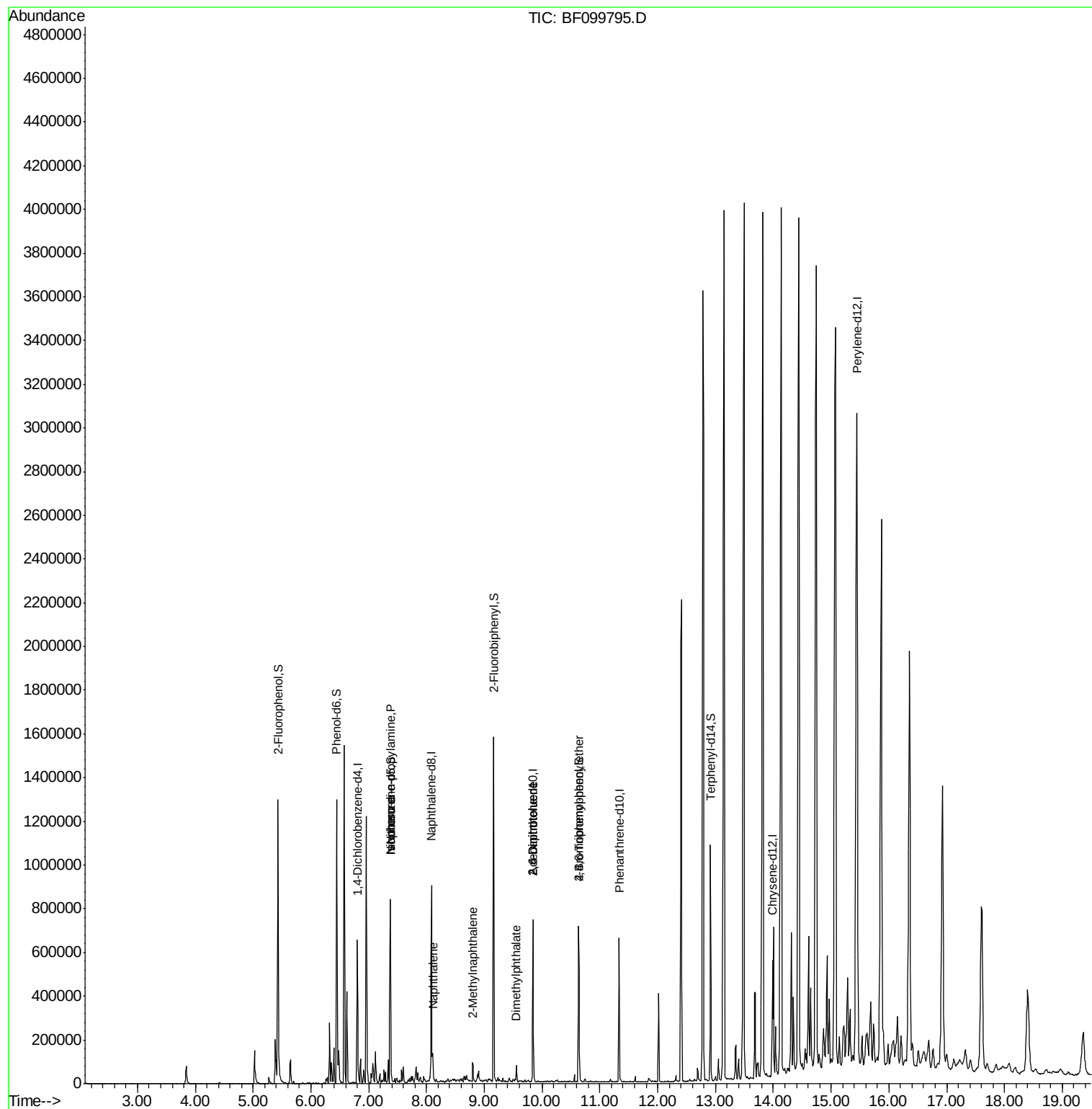
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97055	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	381049	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	156886	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	222560	20.00	ng	0.00
75) Chrysene-d12	13.99	240	169282	20.00	ng	0.00
86) Perylene-d12	15.46	264	127054	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	436570	70.62	ng	0.00
7) Phenol-d6	6.45	99	520990	71.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	294378	49.74	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	82587	57.76	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	529679	52.09	ng	0.00
78) Terphenyl-d14	12.92	244	313453	40.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	37853	8.81	ng	# 71
25) Isophorone	7.37	82	294374	27.41	ng	# 64
31) Naphthalene	8.11	128	51842	2.82	ng	97
37) 2-Methylnaphthalene	8.80	142	25882	2.10	ng	97
49) Dimethylphthalate	9.56	163	28927	2.33	ng	98
50) 2,6-Dinitrotoluene	9.84	165	20203	7.74	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	20203	6.42	ng	# 22
66) 4-Bromophenyl-phenylether	10.63	248	5638	2.41	ng	# 1

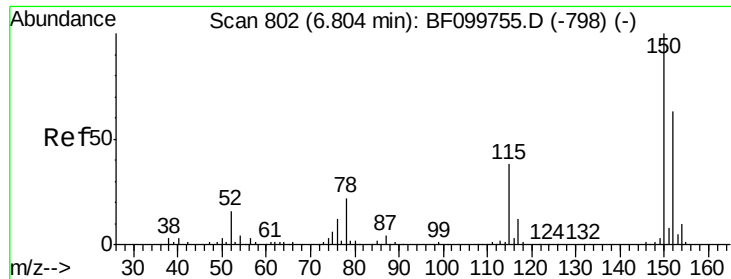
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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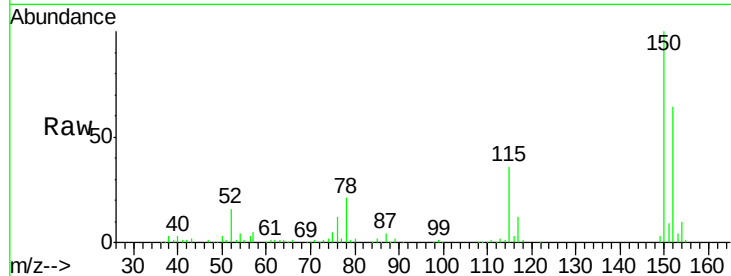


#1

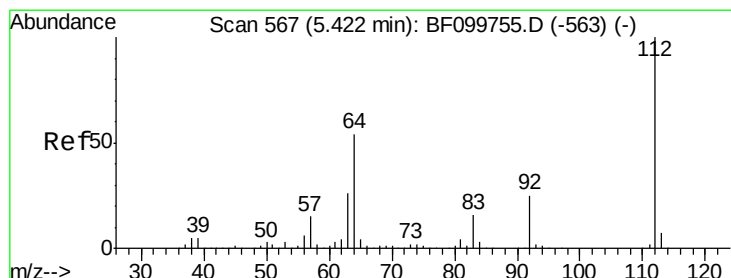
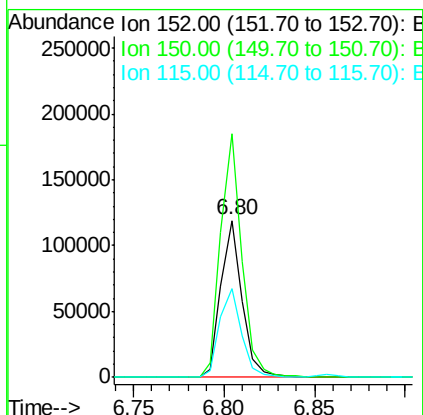
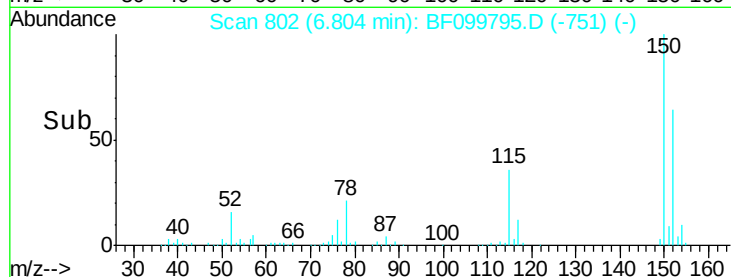
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099795.D
Acq: 24 Oct 2017 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97055
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 56.4 50.1 75.1



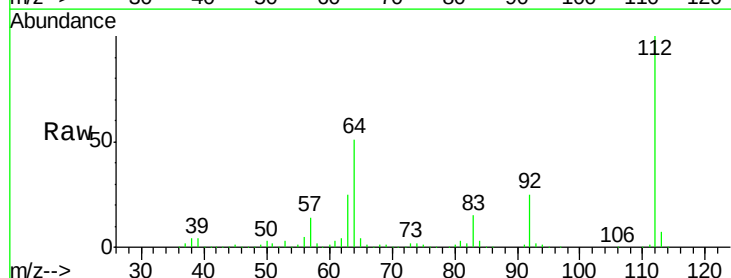
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



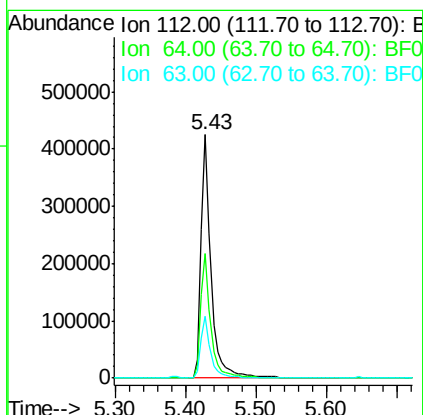
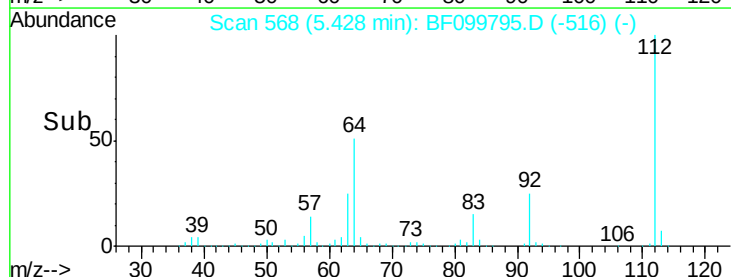
#5

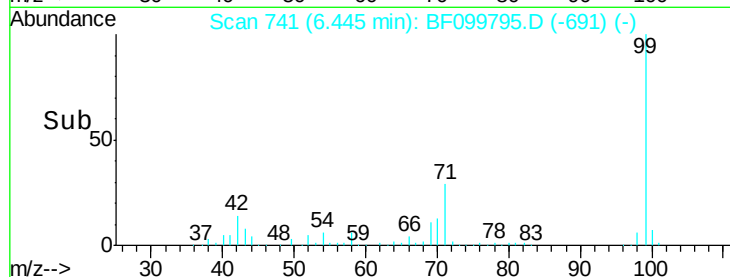
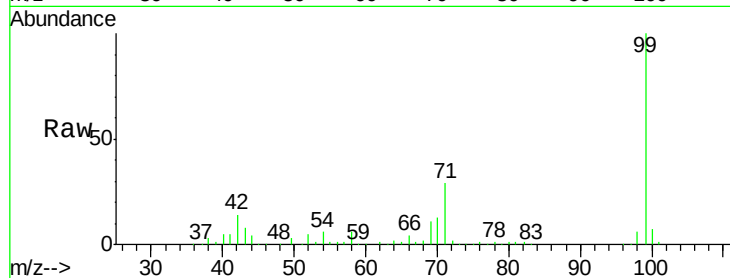
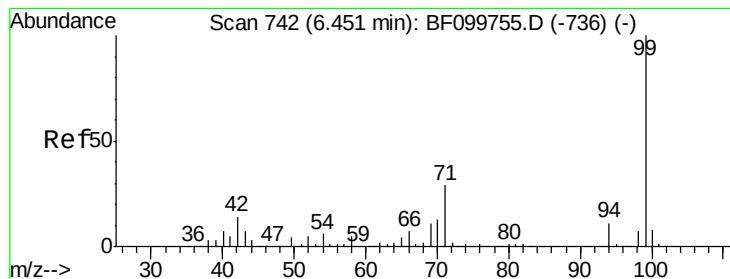
2-Fluorophenol
Concen: 70.62 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099795.D
Acq: 24 Oct 2017 18:31

Tgt Ion:112 Resp: 436570
Ion Ratio Lower Upper
112 100
64 51.1 47.9 71.9
63 25.2 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: 71.08 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

Instrument :

BNA_F

ClientSampleId :

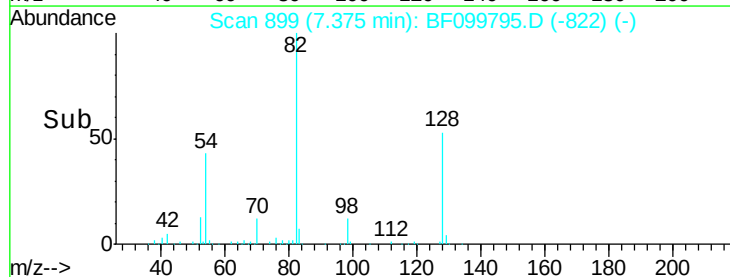
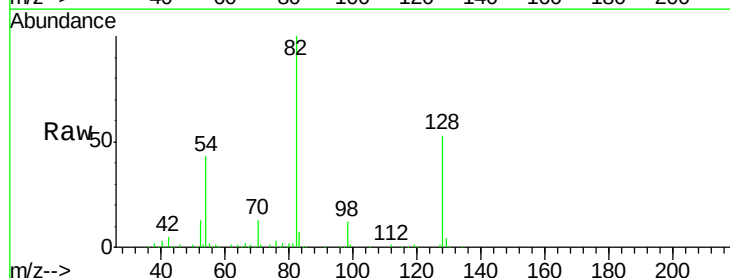
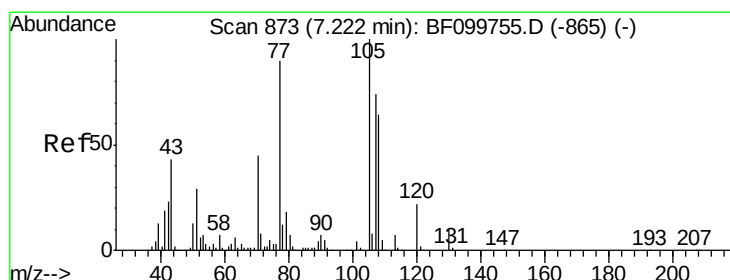
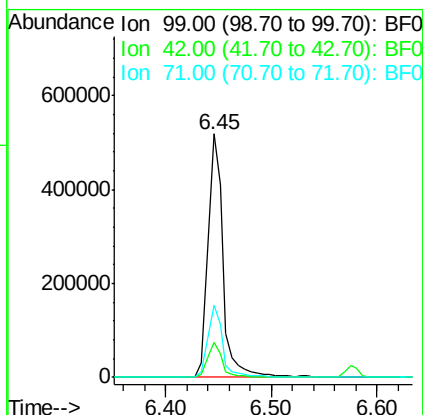
Tot Ion: 99 Resp: 520990

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

71 29.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.81 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

Tgt Ion: 70 Resp: 37853

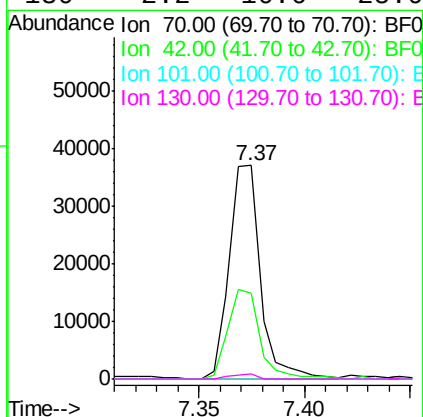
Ion Ratio Lower Upper

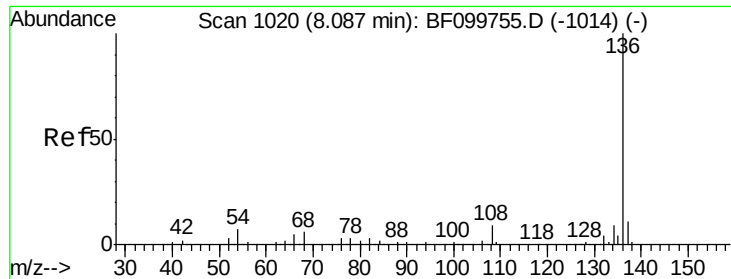
70 100

42 40.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

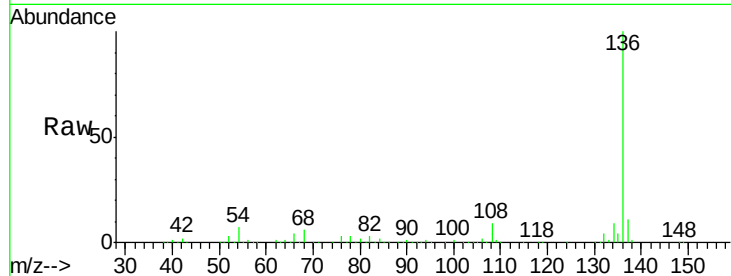




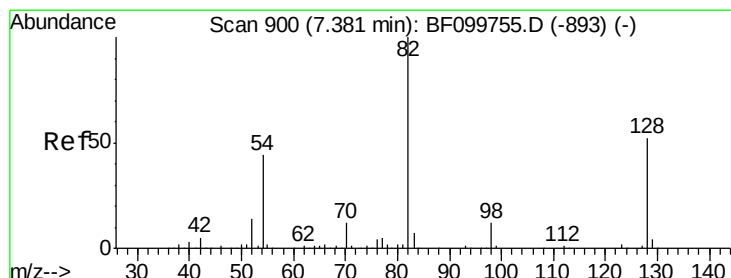
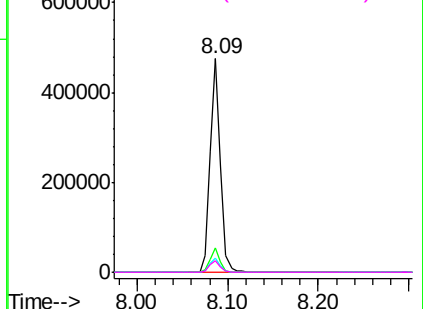
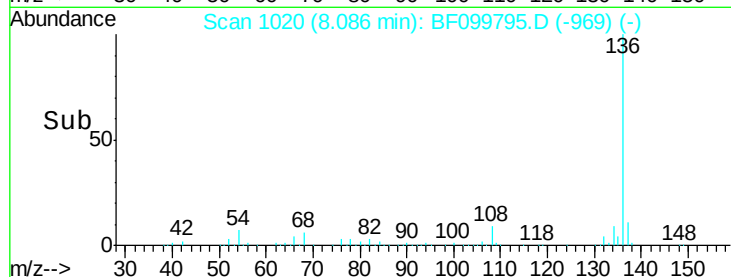
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099795.D
Acq: 24 Oct 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	381049
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	6.6	6.6 9.8
68	5.6	5.0 7.4

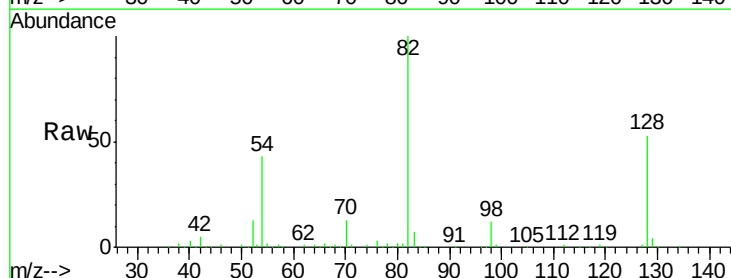


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

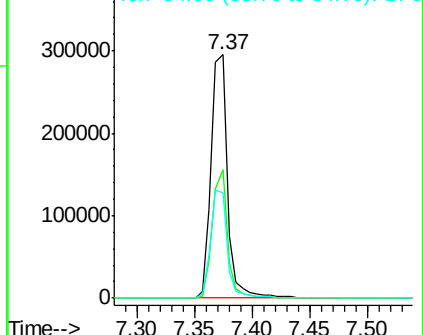
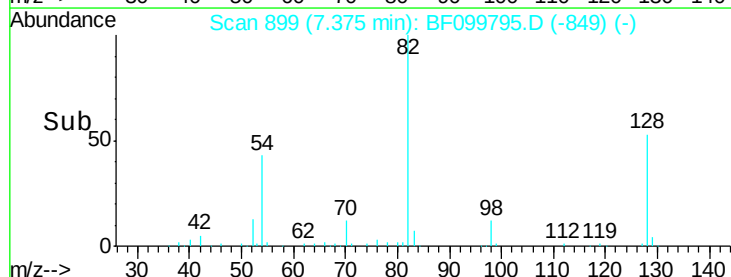


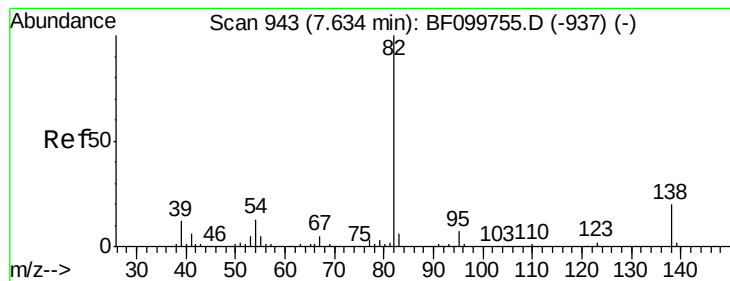
#23
Nitrobenzene-d5
Concen: 49.74 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099795.D
Acq: 24 Oct 2017 18:31

Tgt Ion: 82	Resp:	294378
Ion	Ratio	Lower Upper
82	100	
128	52.6	36.1 54.1
54	43.2	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: 27.41 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

Instrument :

BNA_F

ClientSampleId :

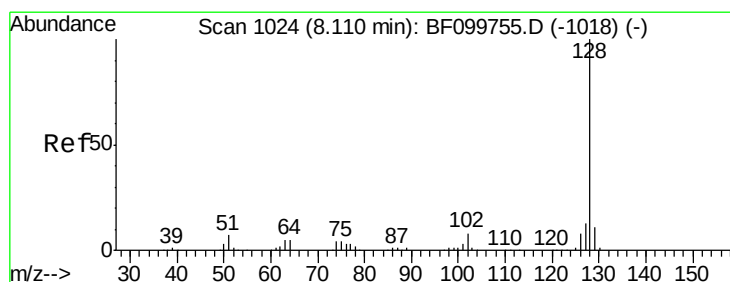
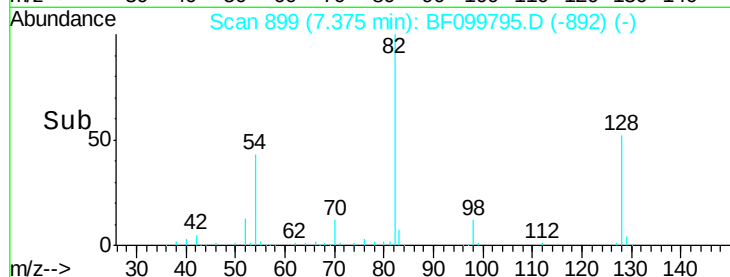
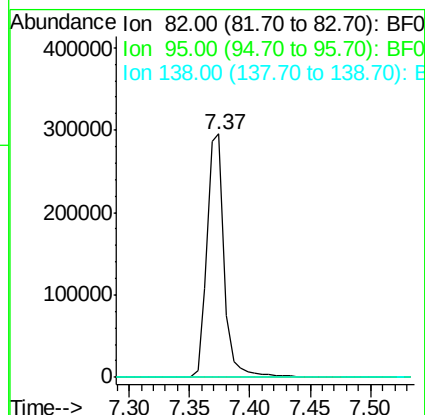
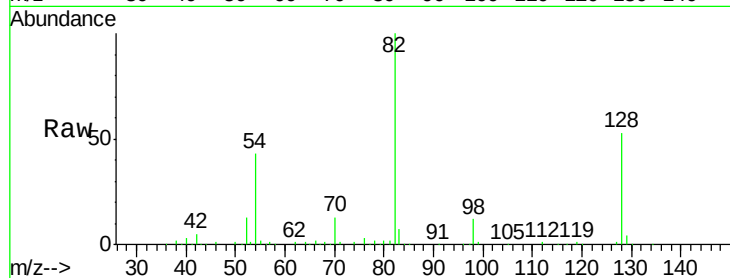
Tot Ion: 82 Resp: 294374

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 2.82 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

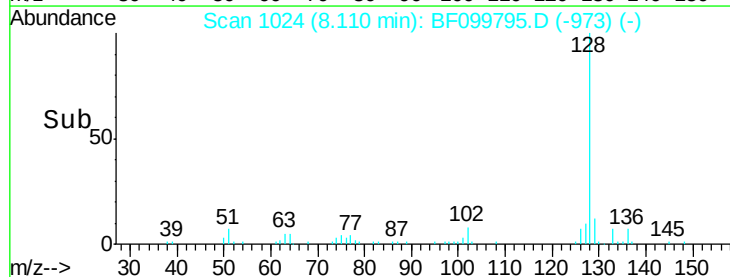
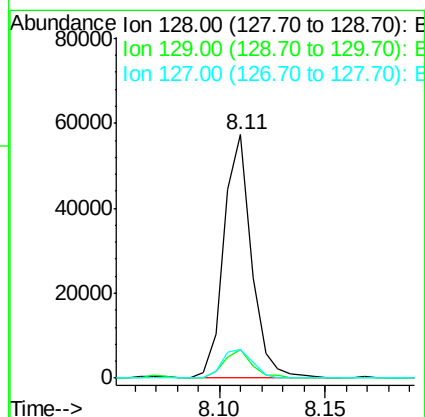
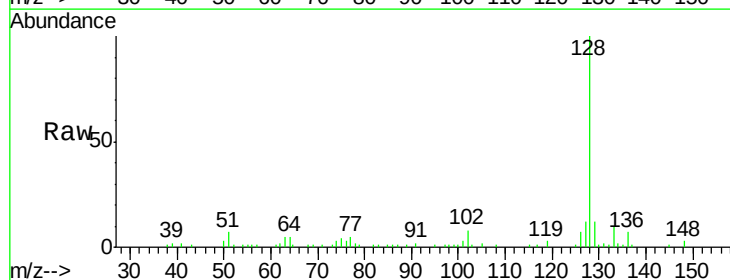
Tgt Ion: 128 Resp: 51842

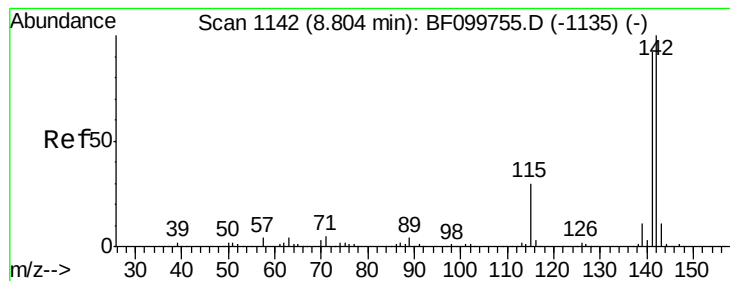
Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

127 11.8 10.9 16.3





#37

2-Methylnaphthalene

Concen: 2.10 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

Instrument :

BNA_F

ClientSampleId :

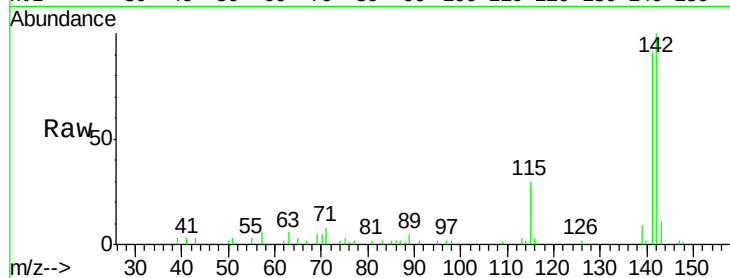
Tot Ion:142 Resp: 25882

Ion Ratio Lower Upper

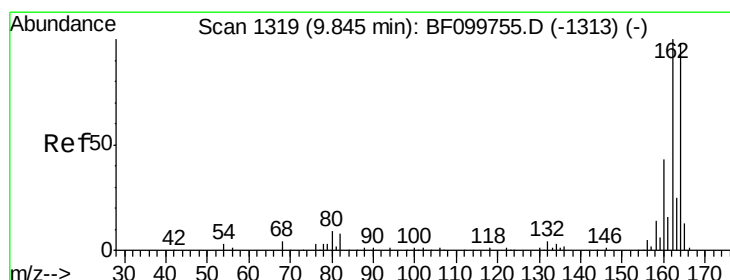
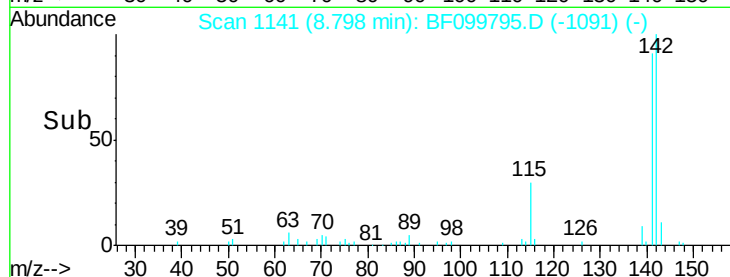
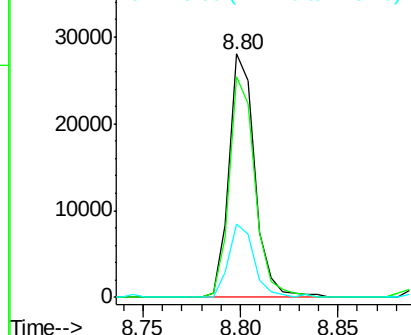
142 100

141 90.6 70.8 106.2

115 30.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

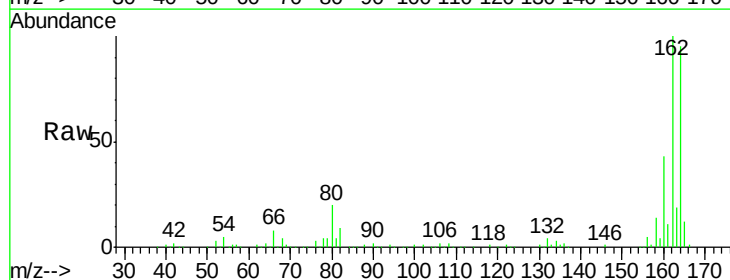
Tgt Ion:164 Resp: 156886

Ion Ratio Lower Upper

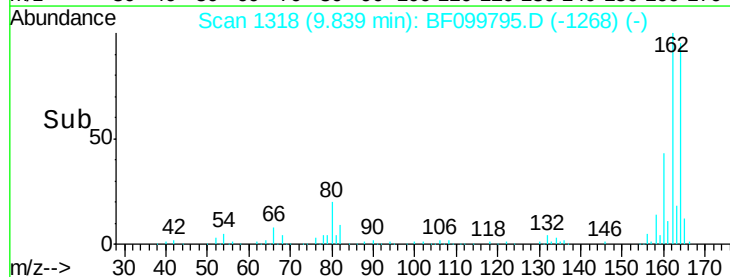
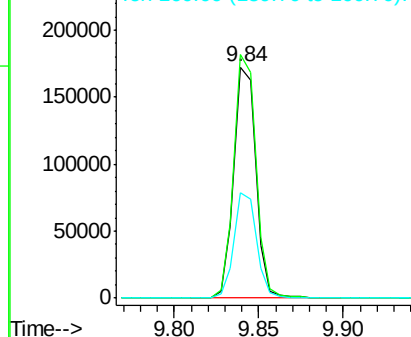
164 100

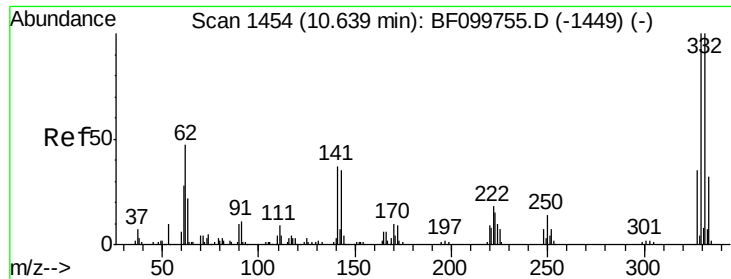
162 105.4 86.1 129.1

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

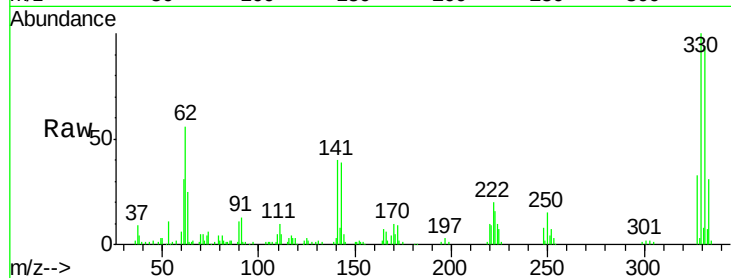




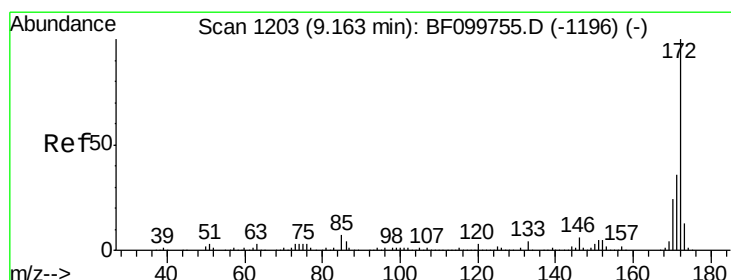
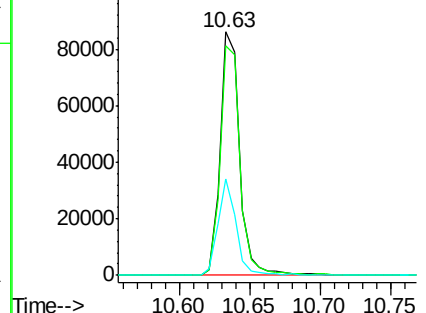
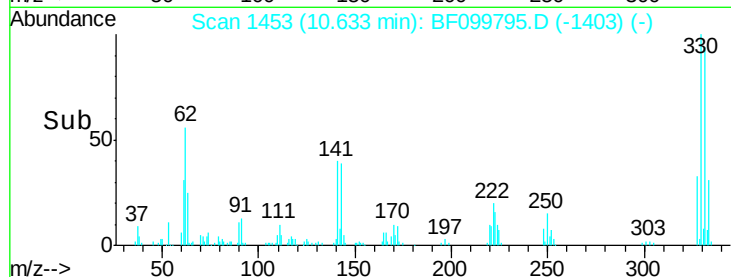
#41
 2,4,6-Tribromophenol
 Concen: 57.76 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099795.D
 Acq: 24 Oct 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.0	29.9	44.9

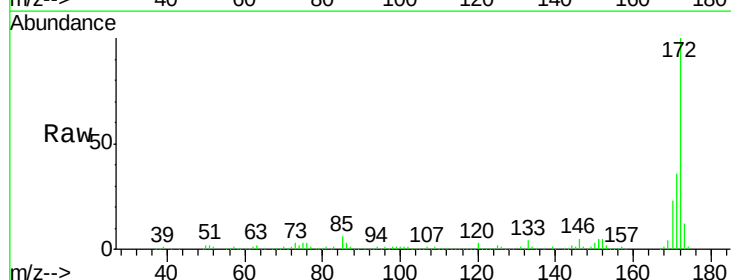


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

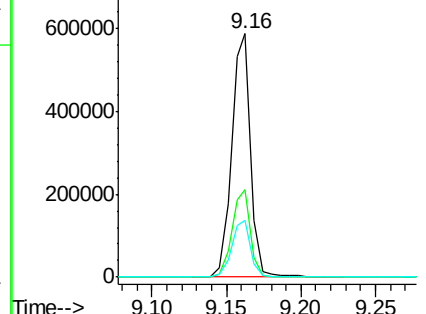
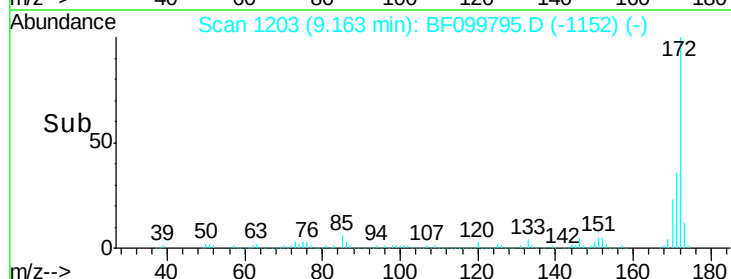


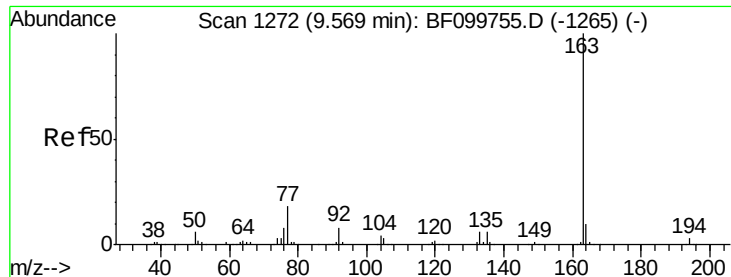
#44
 2-Fluorobiphenyl
 Concen: 52.09 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099795.D
 Acq: 24 Oct 2017 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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





#49

Dimethylphthalate

Concen: 2.33 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

Instrument :

BNA_F

ClientSampled :

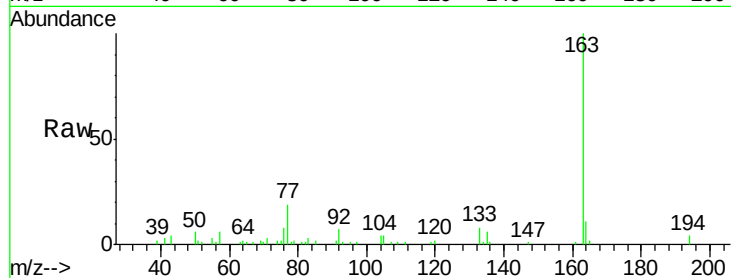
Tot Ion:163 Resp: 28927

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

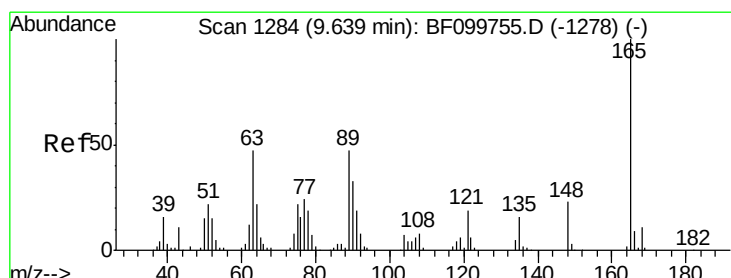
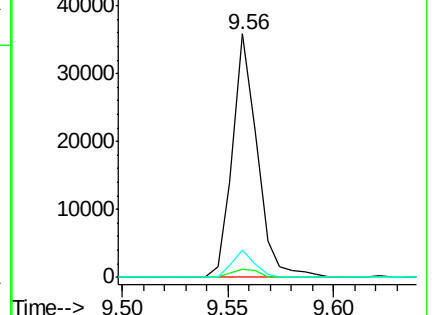
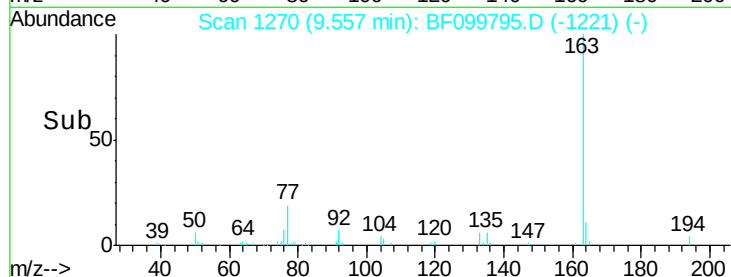
164 11.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.74 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.20 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

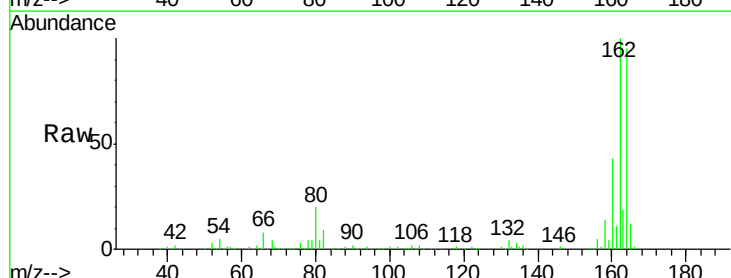
Tgt Ion:165 Resp: 20203

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

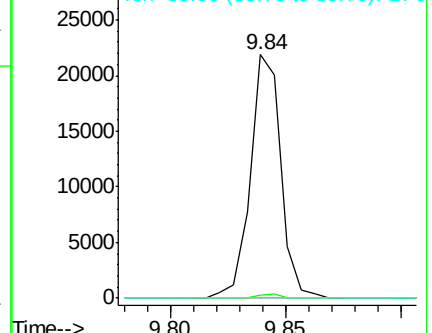
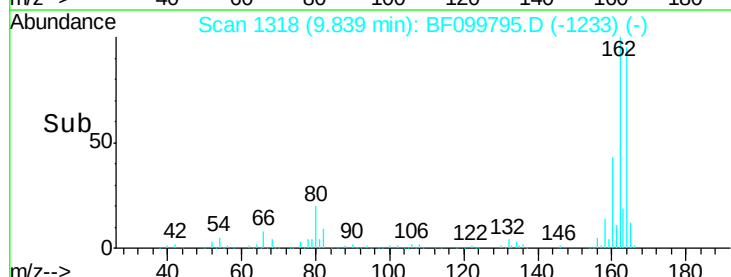
89 0.0 44.0 66.0#

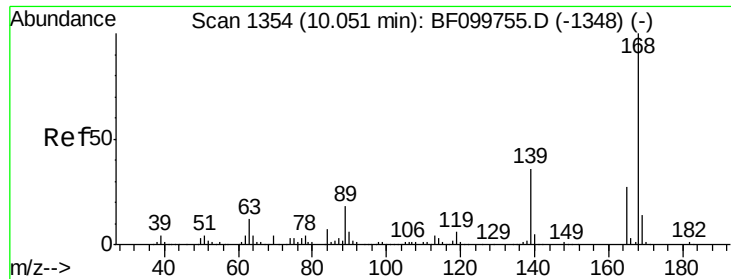


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

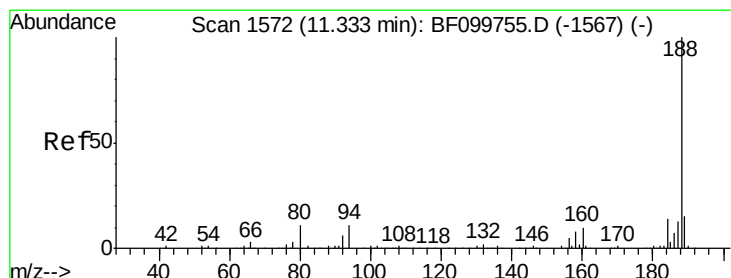
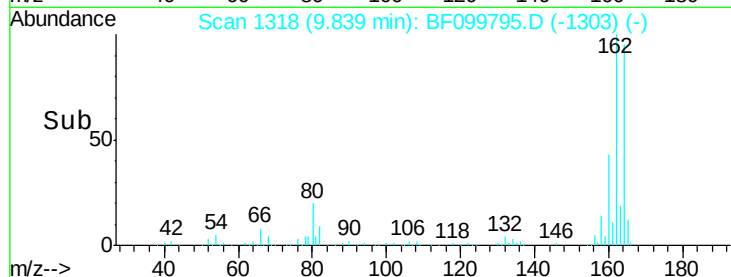
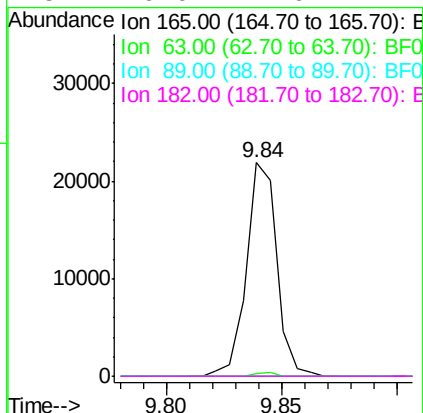
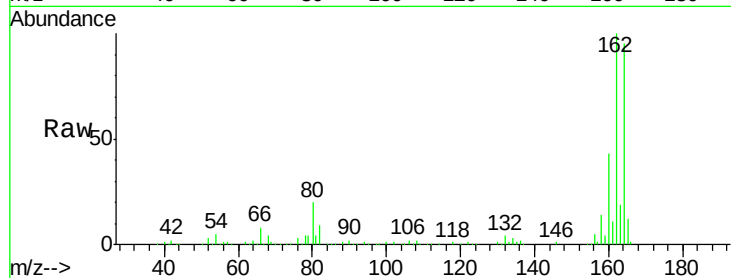




#56
 2,4-Dinitrotoluene
 Concen: 6.42 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF099795.D
 Acq: 24 Oct 2017 18:31

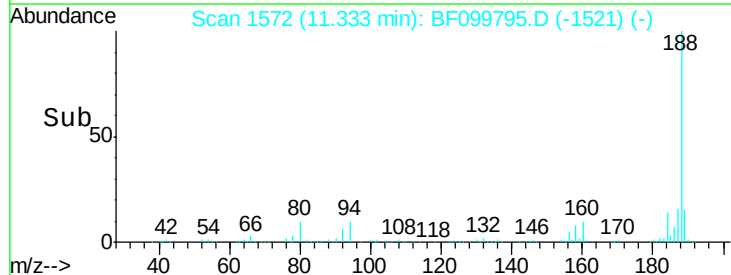
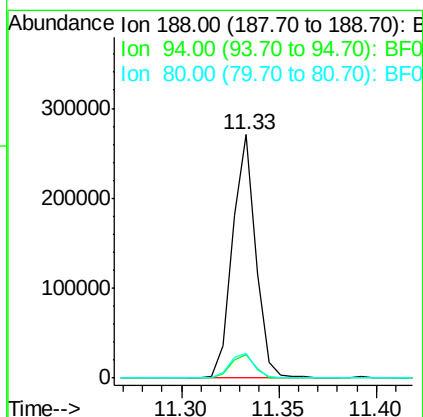
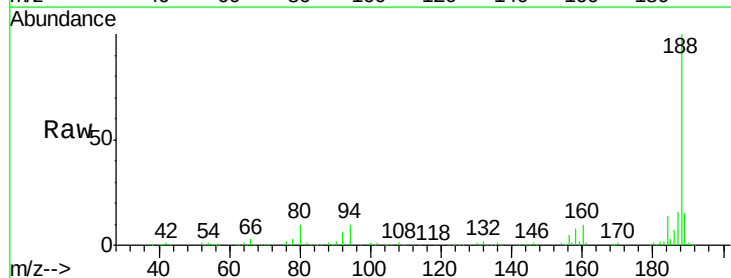
Instrument :
 BNA_F
 ClientSampleId :

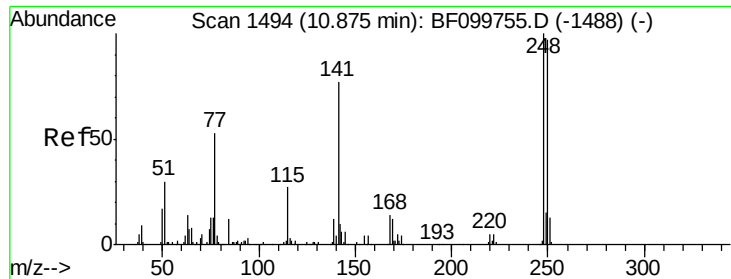
Tot Ion:165	Resp:	20203
Ion Ratio	Lower	Upper
165	100	
63	1.4	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF099795.D
 Acq: 24 Oct 2017 18:31

Tgt Ion:188	Resp:	222560
Ion Ratio	Lower	Upper
188	100	
94	9.5	8.5 12.7
80	10.0	9.2 13.8

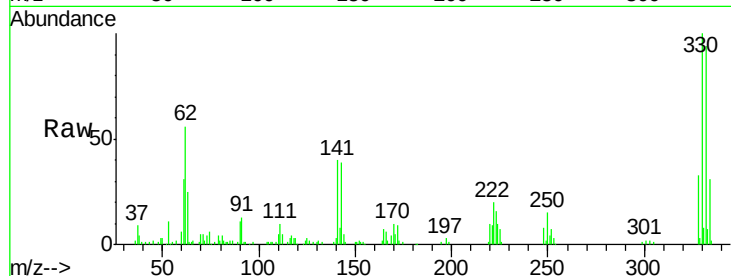




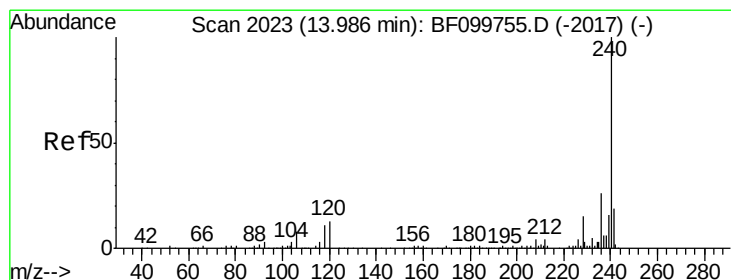
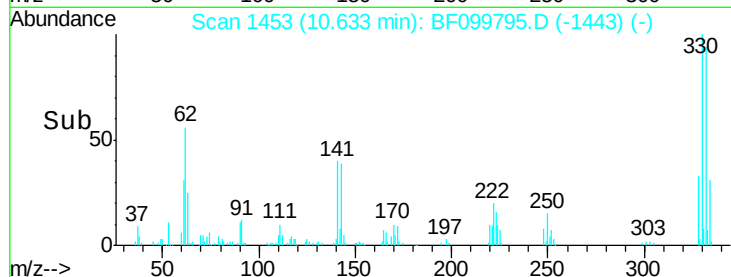
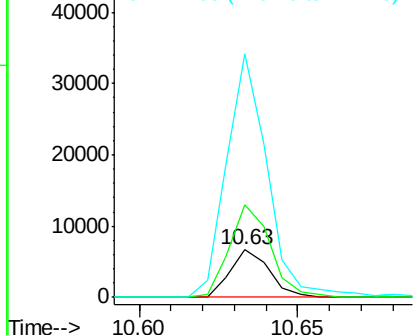
#66
4-Bromophenyl-phenylether
Concen: 2.41 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099795.D
Acq: 24 Oct 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5638
Ion Ratio Lower Upper
248 100
250 196.2 76.9 115.3#
141 514.5 74.4 111.6#

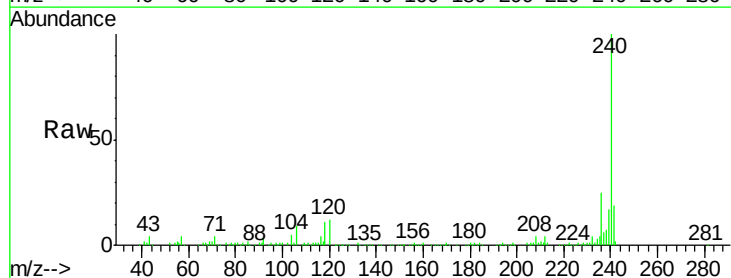


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

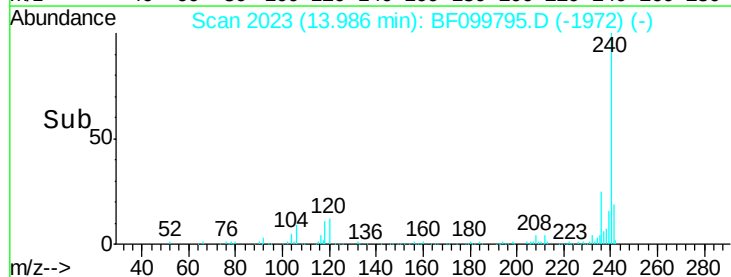
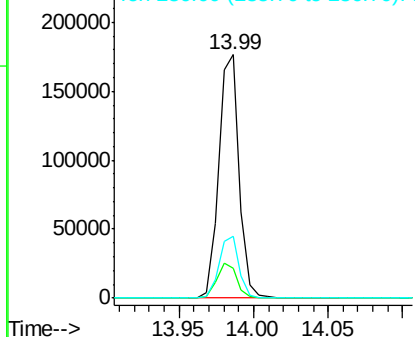


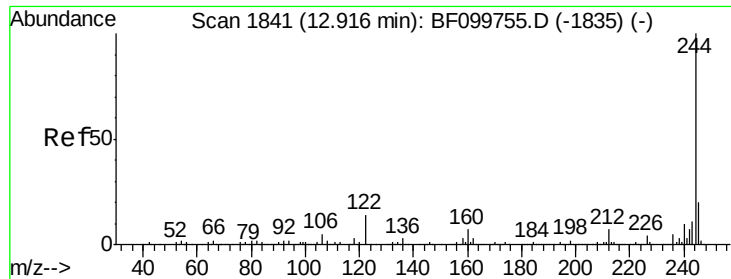
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF099795.D
Acq: 24 Oct 2017 18:31

Tgt Ion:240 Resp: 169282
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.5 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

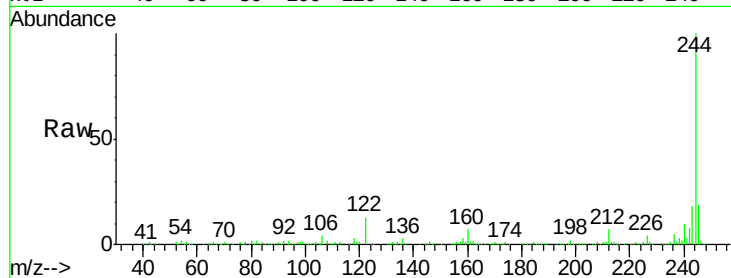




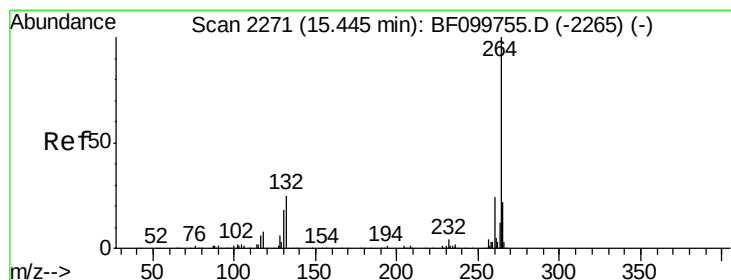
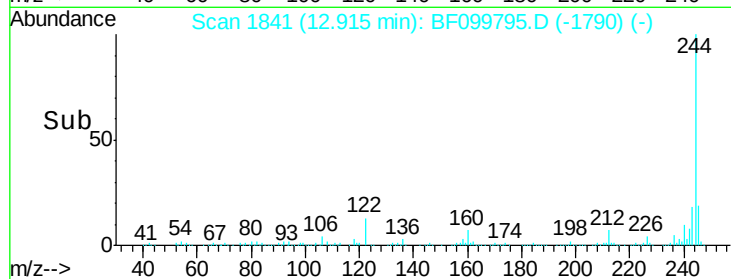
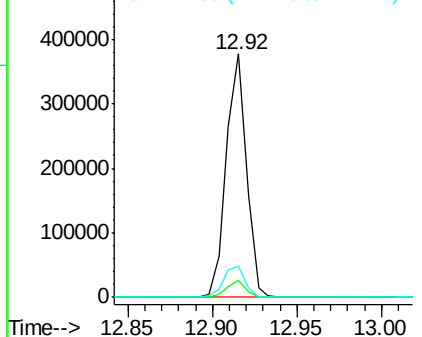
#78
 Terphenyl-d14
 Concen: 40.47 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099795.D
 Acq: 24 Oct 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 313453
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.7 11.0 16.4

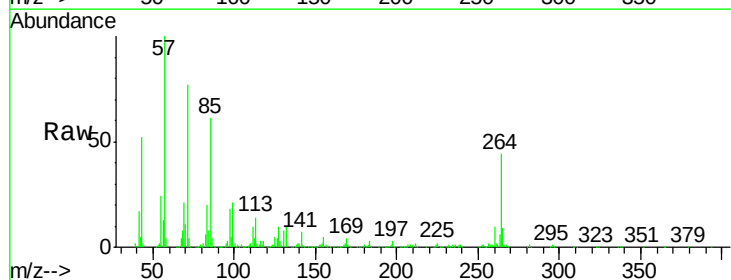


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099795.D
 Acq: 24 Oct 2017 18:31

Tgt Ion:264 Resp: 127054
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.0 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

