

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099801.D
 Acq On : 24 Oct 2017 21:21
 Operator : SJ/JU
 Sample : I5956-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

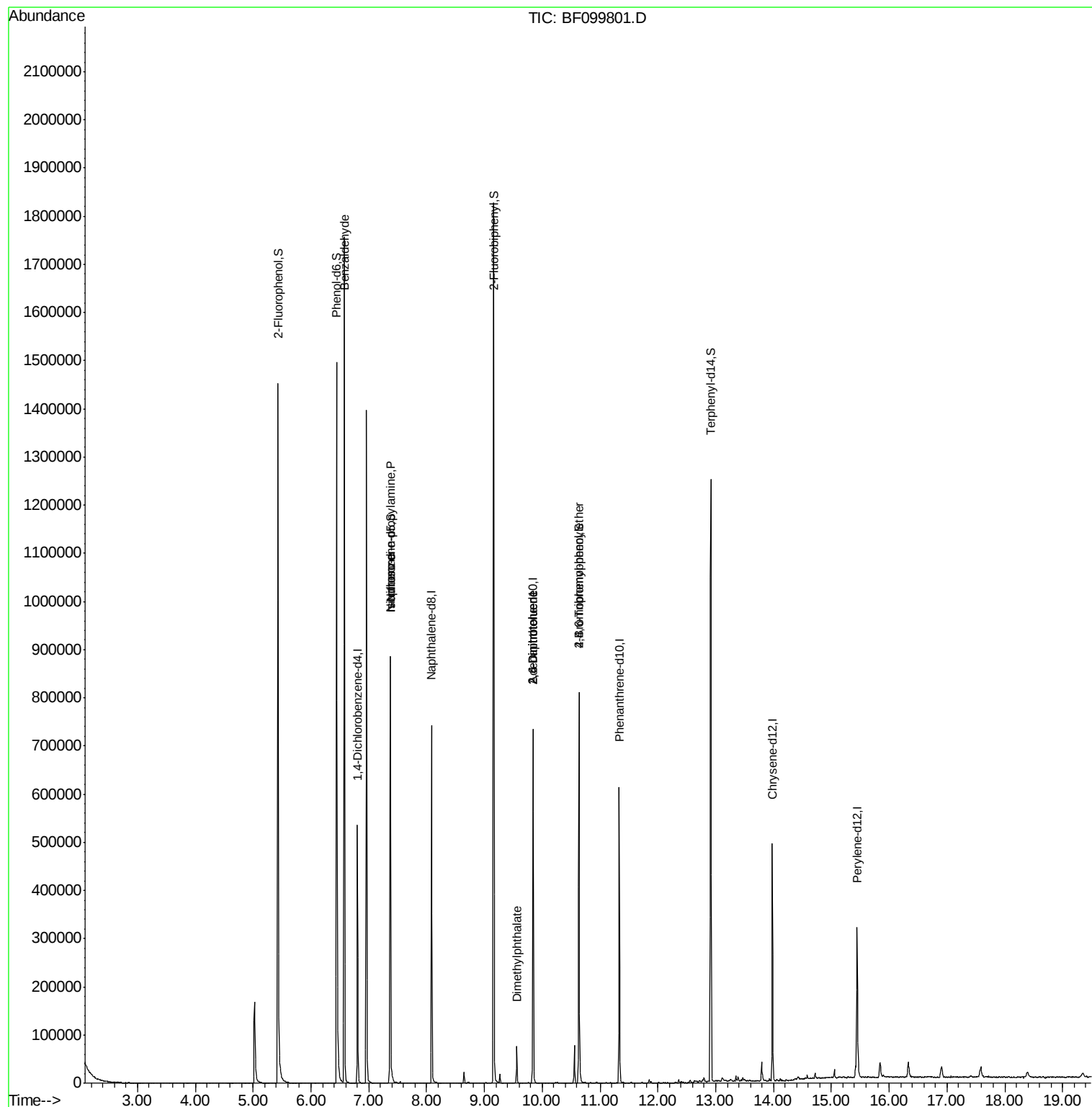
Quant Time: Oct 25 07:39:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

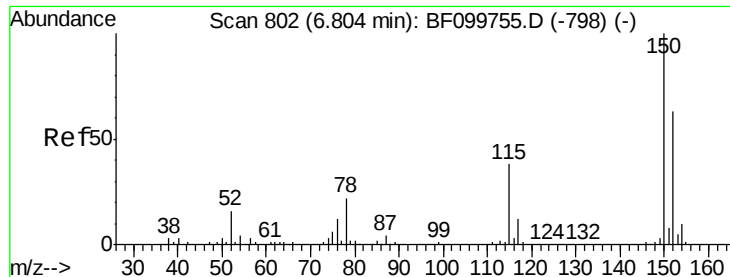
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	84234	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	336773	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	144315	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	217956	20.00	ng	0.00
75) Chrysene-d12	13.98	240	151744	20.00	ng	0.00
86) Perylene-d12	15.44	264	152035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	486977	90.76	ng	0.00
7) Phenol-d6	6.45	99	562471	88.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	323170	61.78	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	97110	73.84	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	621655	66.46	ng	0.00
78) Terphenyl-d14	12.92	244	392290	56.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	8976	2.36	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.37	70	39028	10.47	ng	# 75
25) Isophorone	7.37	82	323167	34.05	ng	# 64
49) Dimethylphthalate	9.56	163	33504	2.93	ng	# 98
50) 2,6-Dinitrotoluene	9.84	165	17557	7.31	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	17557	6.07	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	6305	2.75	ng	# 1

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

Instrument :
BNA_F
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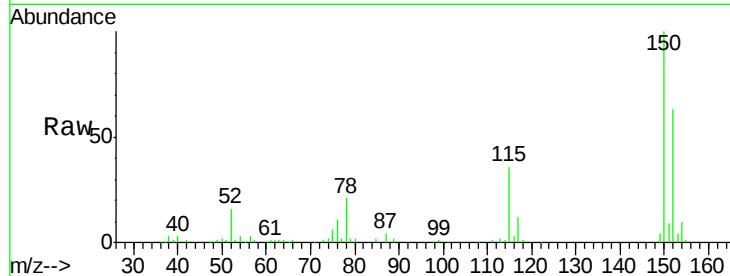


#1

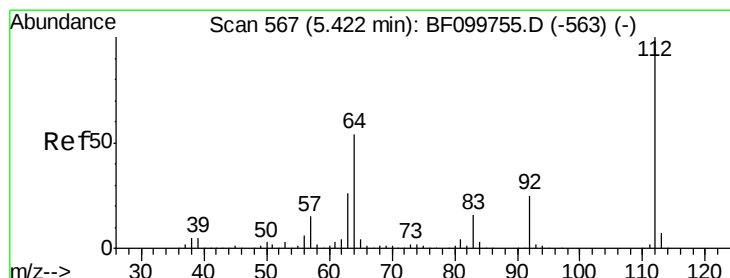
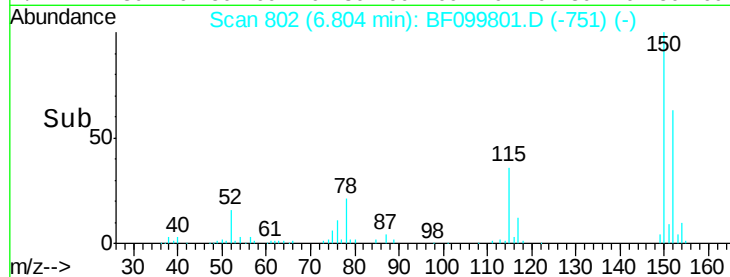
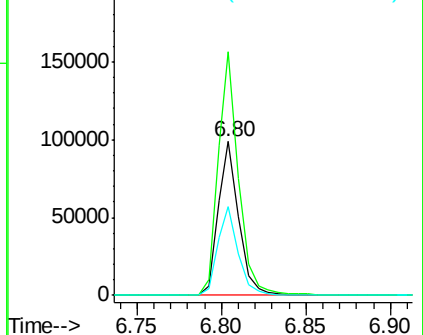
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099801.D
Acq: 24 Oct 2017 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84234
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 57.5 50.1 75.1



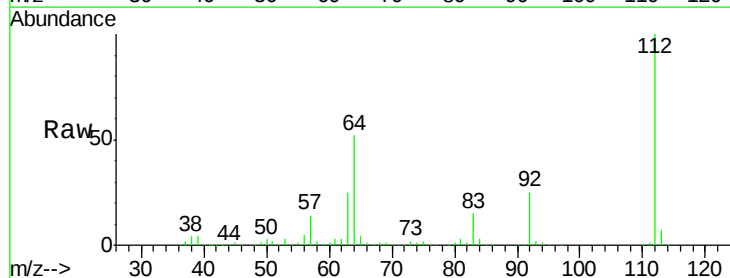
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



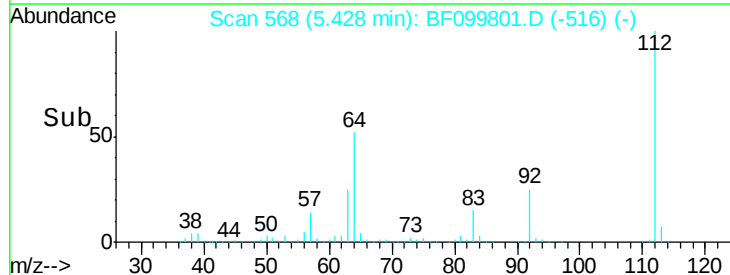
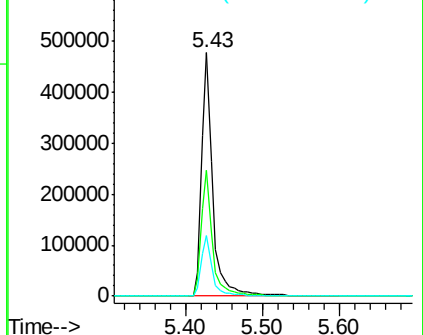
#5

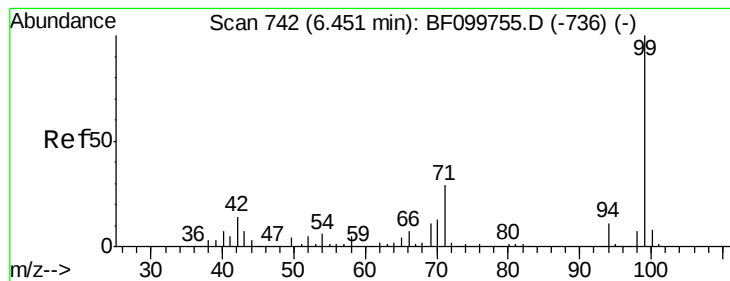
2-Fluorophenol
Concen: 90.76 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099801.D
Acq: 24 Oct 2017 21:21

Tgt Ion:112 Resp: 486977
Ion Ratio Lower Upper
112 100
64 51.7 47.9 71.9
63 25.0 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: 88.41 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099801.D

Acq: 24 Oct 2017 21:21

Instrument :

BNA_F

ClientSampled :

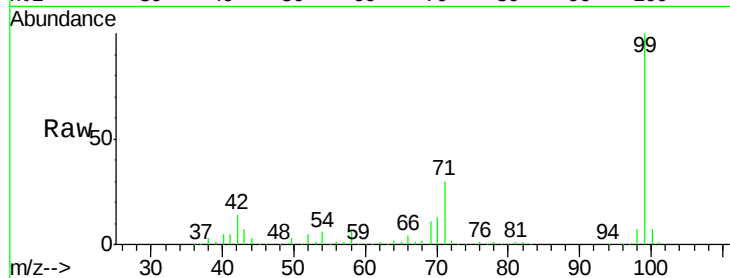
Tot Ion: 99 Resp: 562471

Ion Ratio Lower Upper

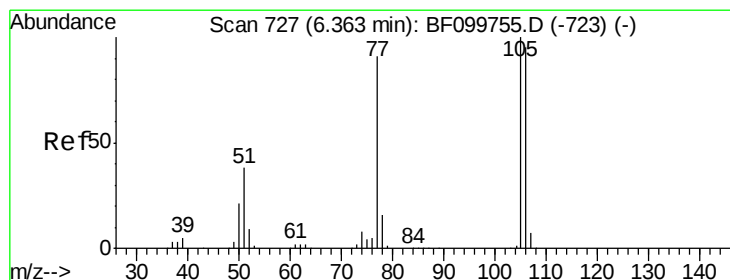
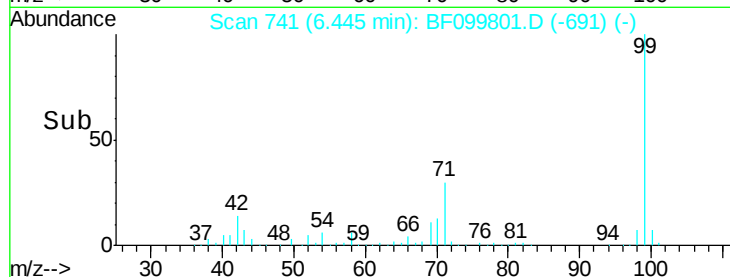
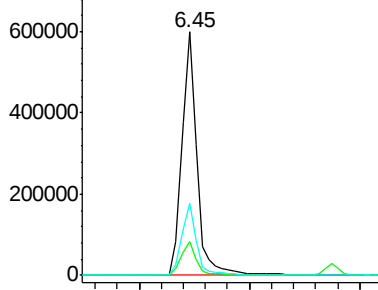
99 100

42 14.0 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: 2.36 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.21 min

Lab File: BF099801.D

Acq: 24 Oct 2017 21:21

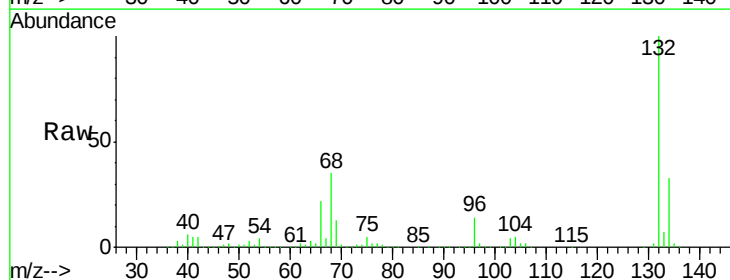
Tgt Ion: 77 Resp: 8976

Ion Ratio Lower Upper

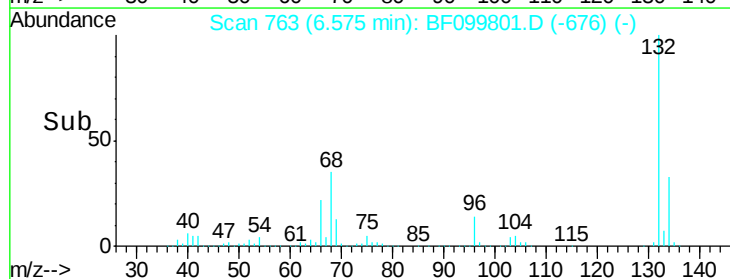
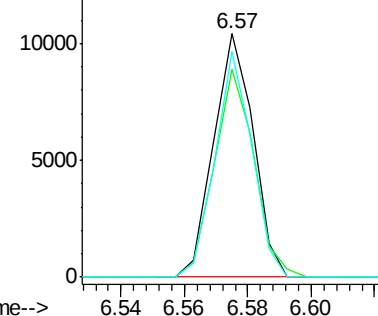
77 100

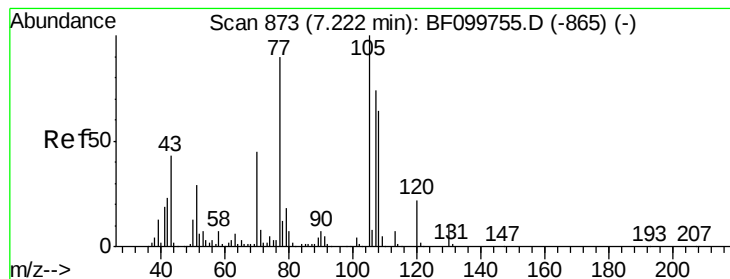
105 85.4 81.1 121.1

106 92.7 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: 10.47 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF099801.D

Acq: 24 Oct 2017 21:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 39028

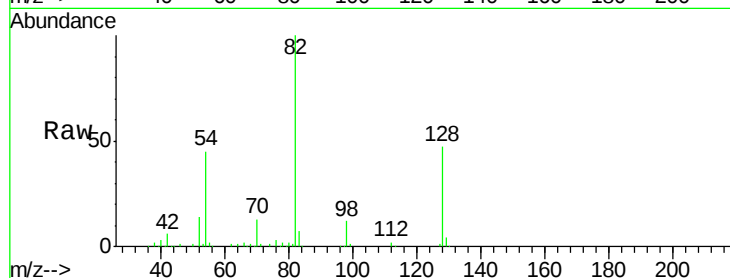
Ion Ratio Lower Upper

70 100

42 45.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

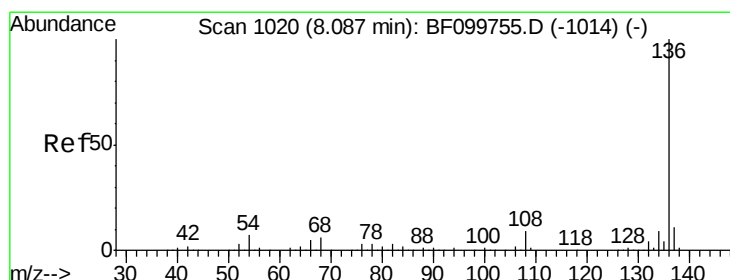
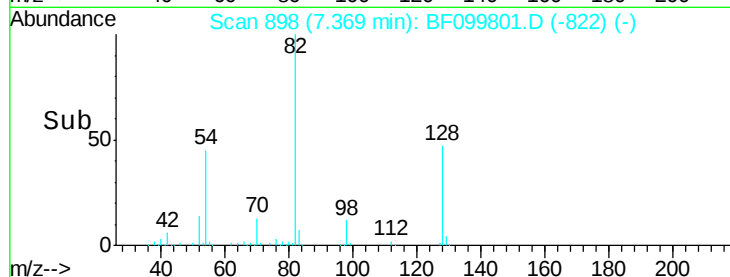
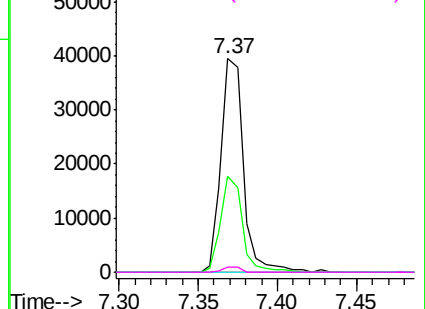


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.00 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099801.D

Acq: 24 Oct 2017 21:21

Tgt Ion: 136 Resp: 336773

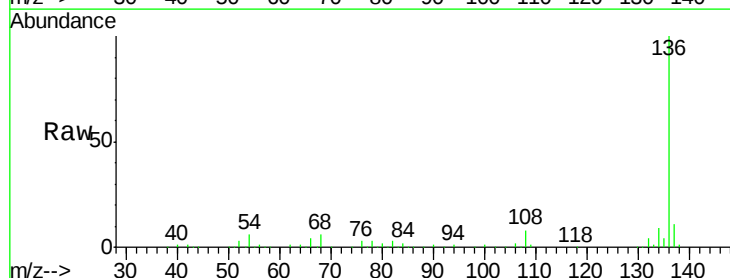
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.2 6.6 9.8#

68 5.7 5.0 7.4

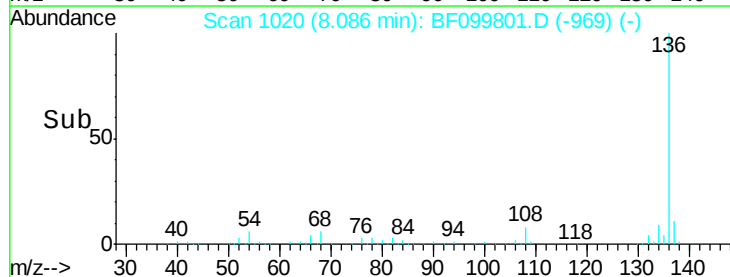
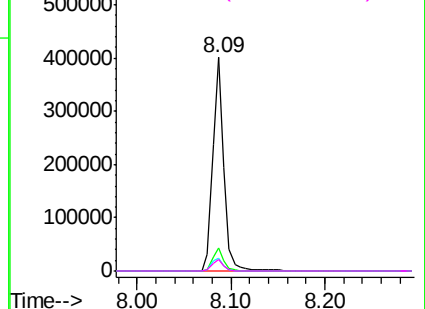


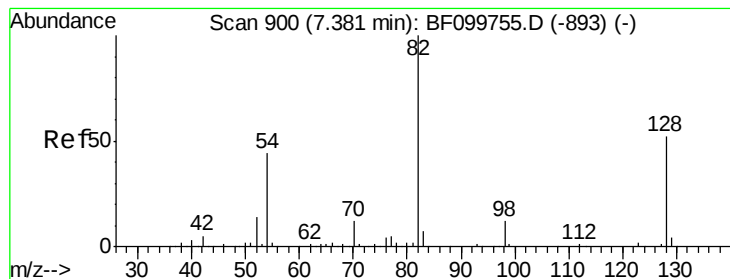
Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.78 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099801.D

Acq: 24 Oct 2017 21:21

Instrument :

BNA_F

ClientSampled :

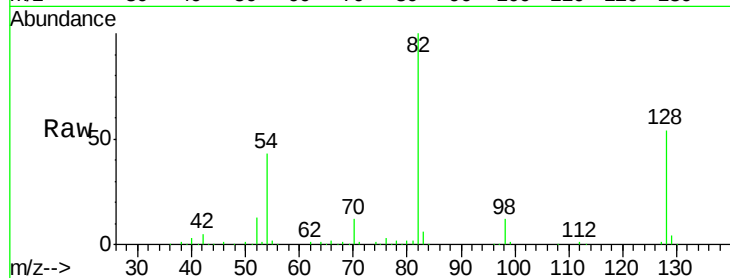
Tot Ion: 82 Resp: 323170

Ion Ratio Lower Upper

82 100

128 54.3 36.1 54.1#

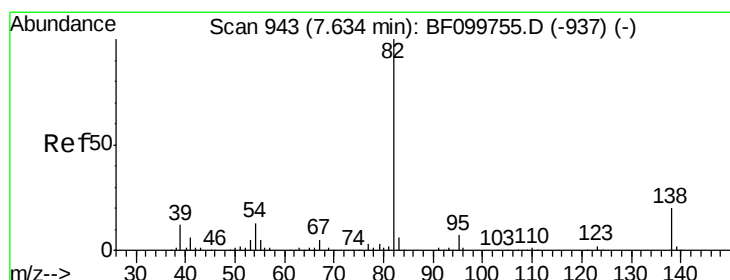
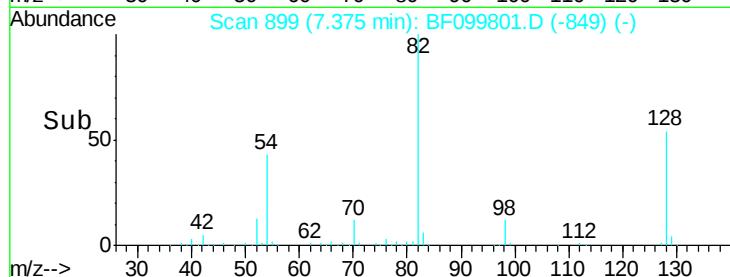
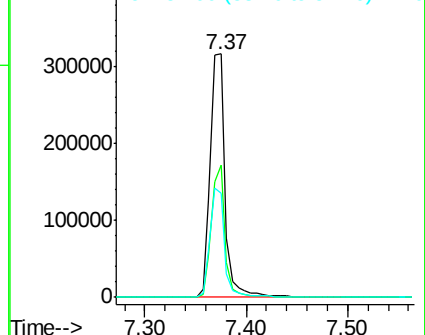
54 42.7 41.4 62.2



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: 34.05 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF099801.D

Acq: 24 Oct 2017 21:21

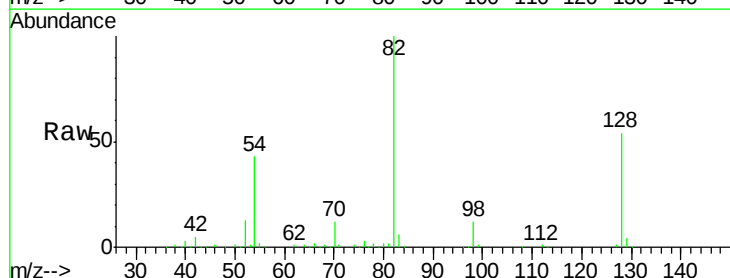
Tgt Ion: 82 Resp: 323167

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

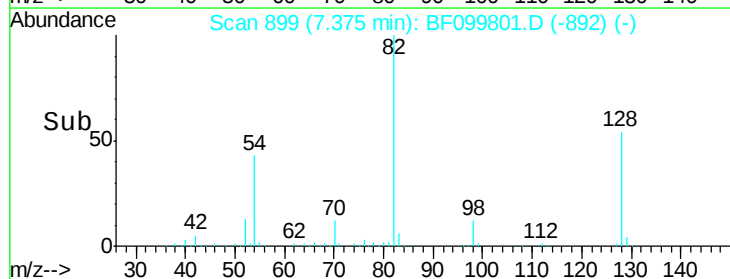
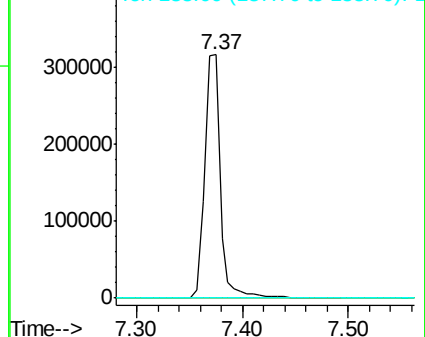
138 0.0 14.9 22.3#

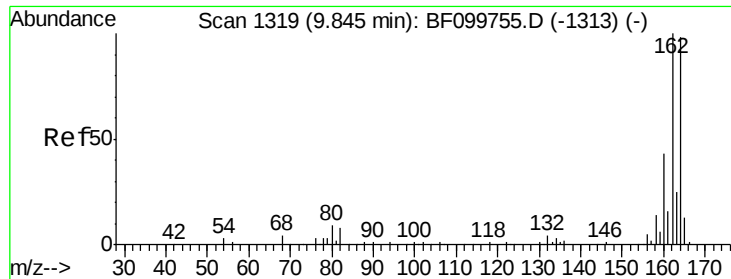


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

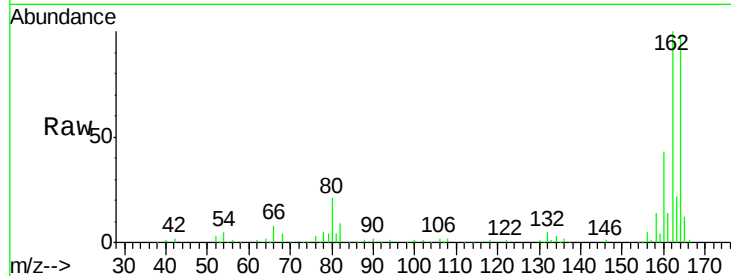




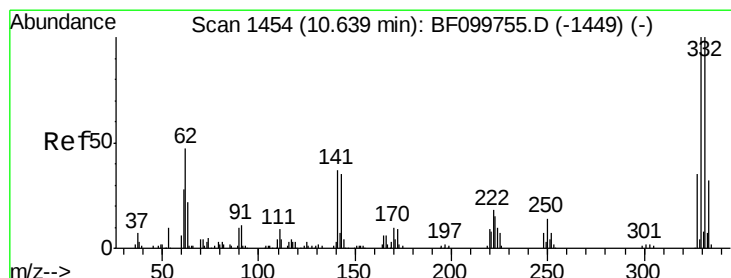
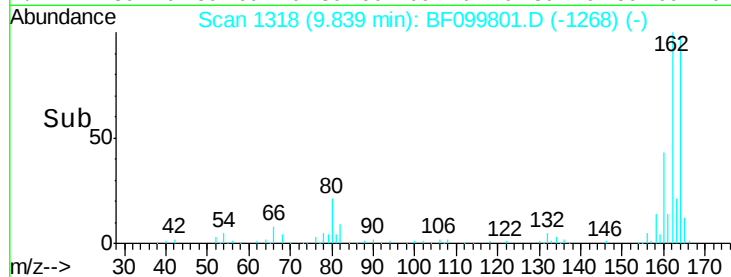
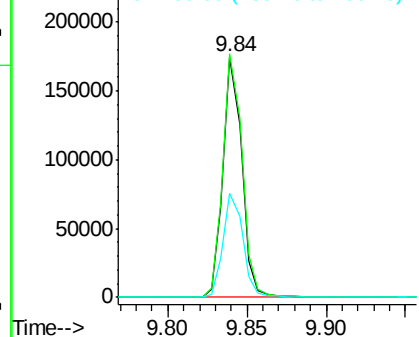
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099801.D
 Acq: 24 Oct 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 144315
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 43.6 38.3 57.5

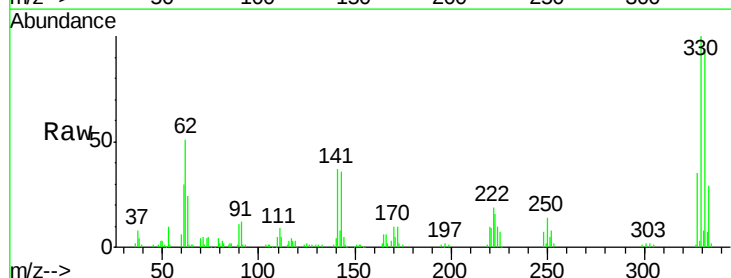


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

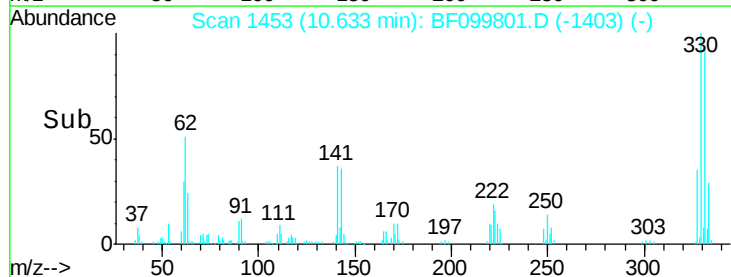
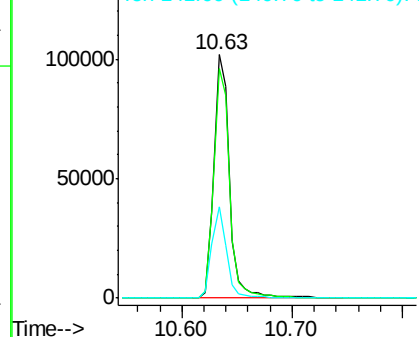


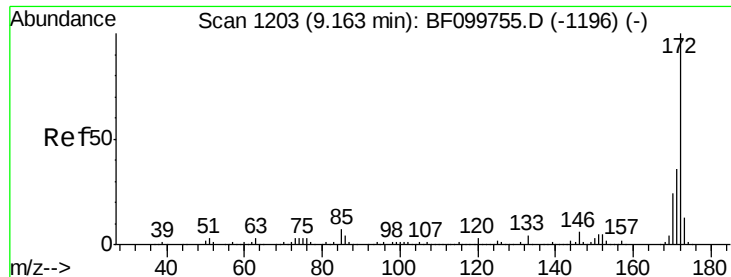
#41
 2,4,6-Tribromophenol
 Concen: 73.84 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099801.D
 Acq: 24 Oct 2017 21:21

Tgt Ion:330 Resp: 97110
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 35.0 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

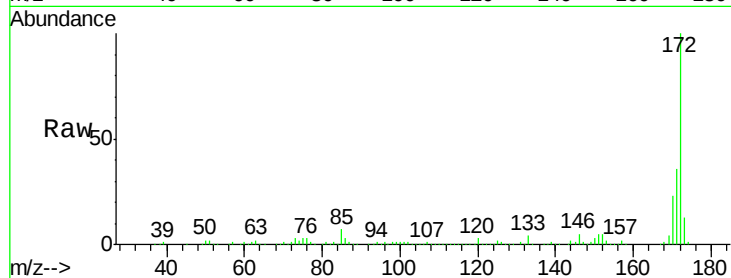




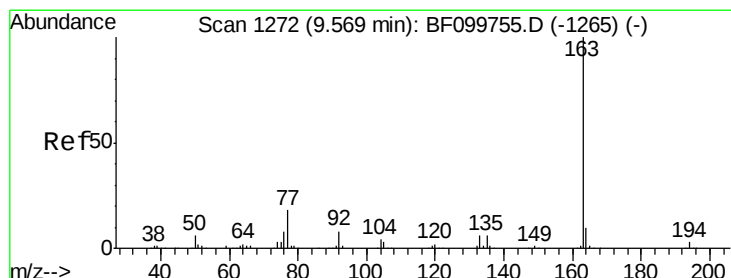
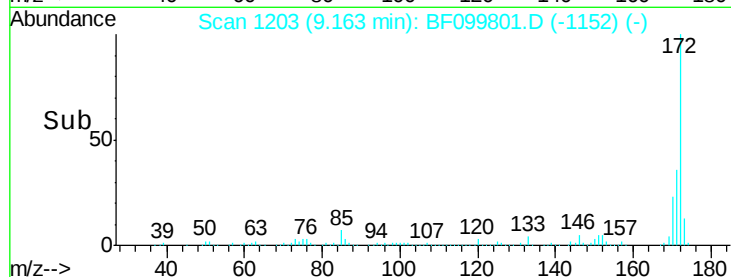
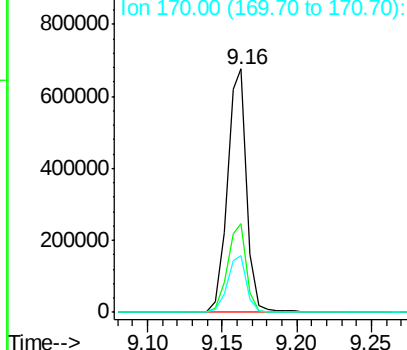
#44
 2-Fluorobiphenyl
 Concen: 66.46 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099801.D
 Acq: 24 Oct 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 621655
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.2 19.6 29.4

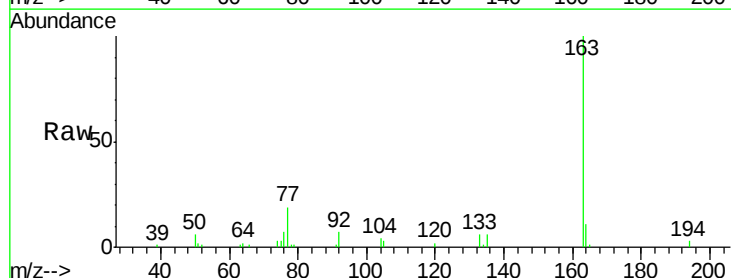


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

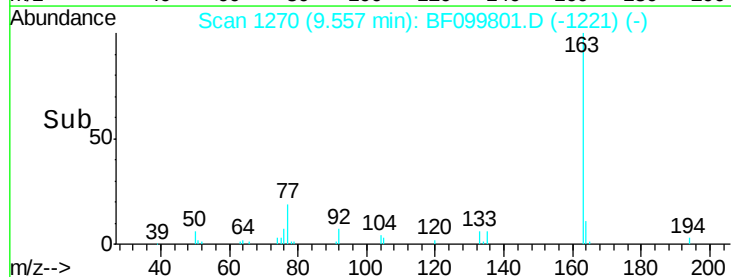
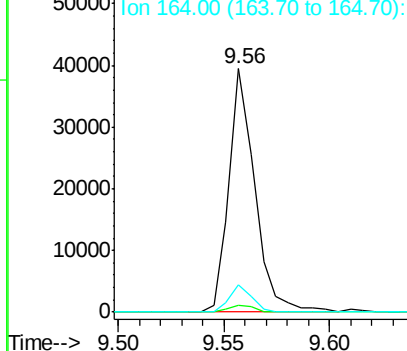


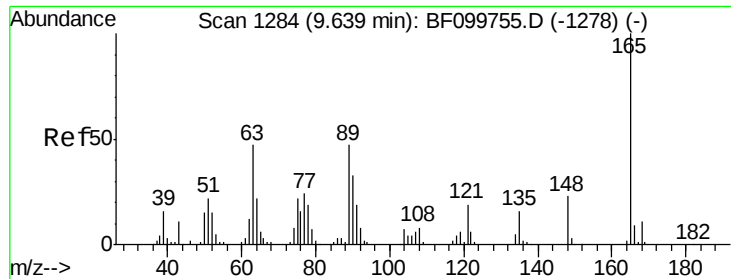
#49
 Dimethylphthalate
 Concen: 2.93 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF099801.D
 Acq: 24 Oct 2017 21:21

Tgt Ion:163 Resp: 33504
 Ion Ratio Lower Upper
 163 100
 194 2.7 2.7 4.1#
 164 11.1 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

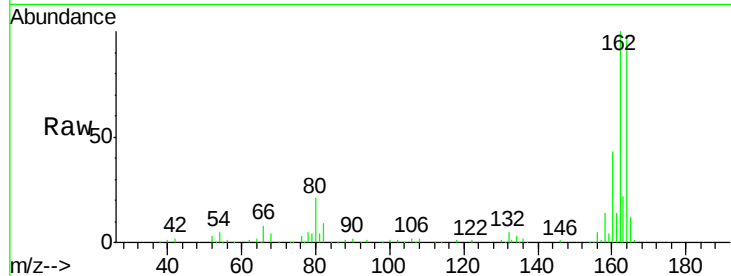




#50
2,6-Dinitrotoluene
Concen: 7.31 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF099801.D
Acq: 24 Oct 2017 21:21

Instrument :
BNA_F
ClientSampleId :

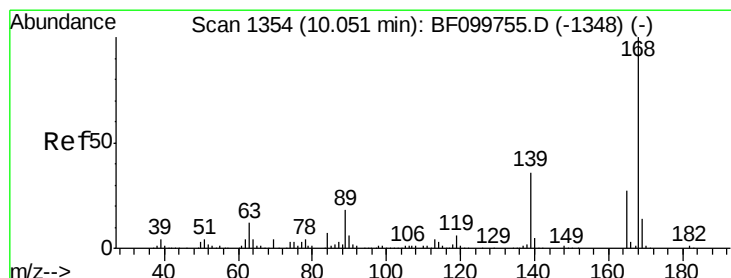
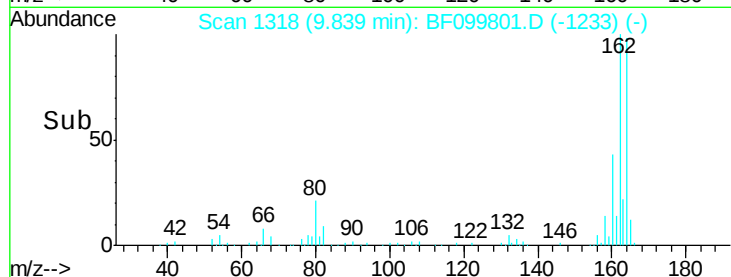
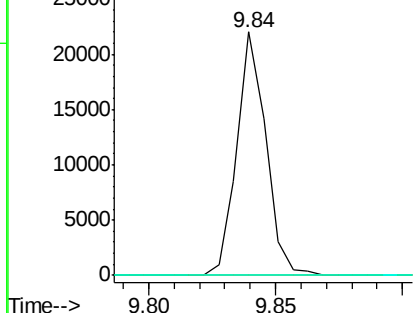
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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: 6.07 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF099801.D
Acq: 24 Oct 2017 21:21

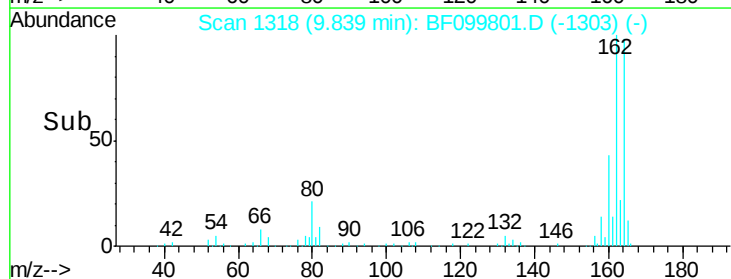
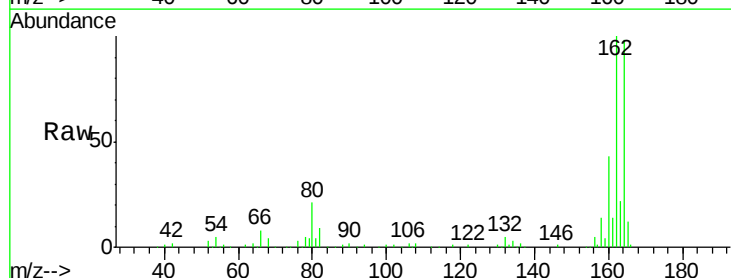
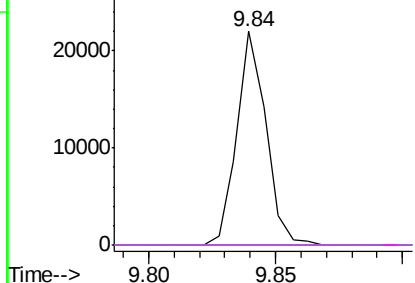
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

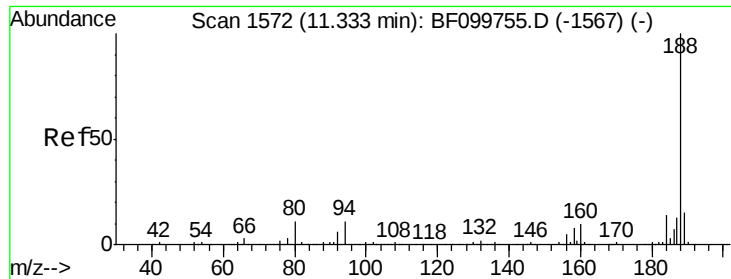
Abundance Ion 165.00 (164.70 to 165.70): E

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

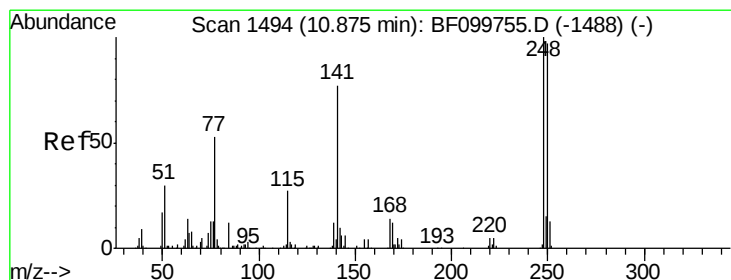
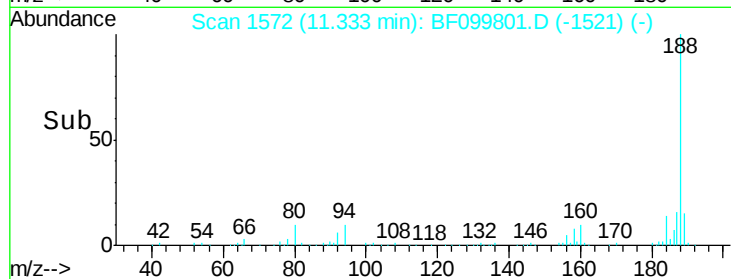
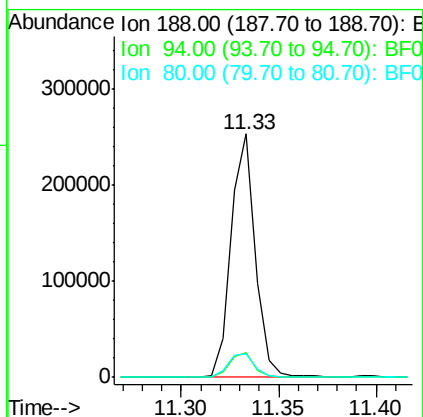
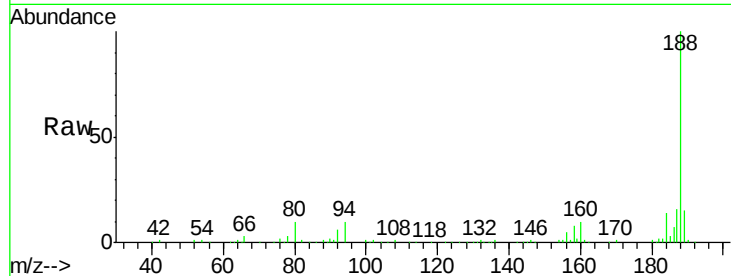




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099801.D
Acq: 24 Oct 2017 21:21

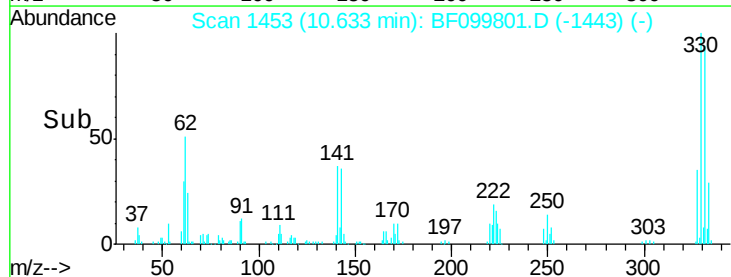
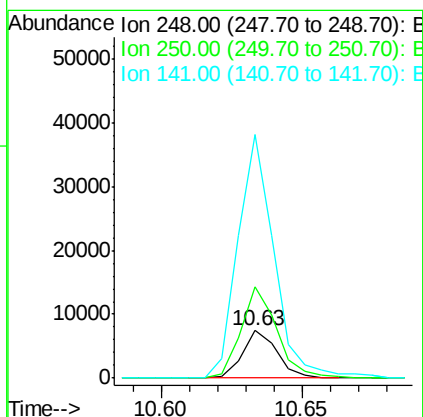
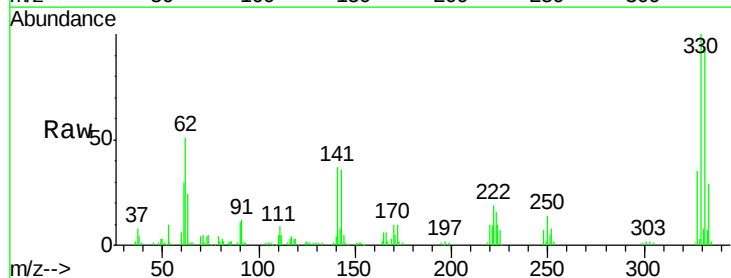
Instrument :
BNA_F
ClientSampleId :

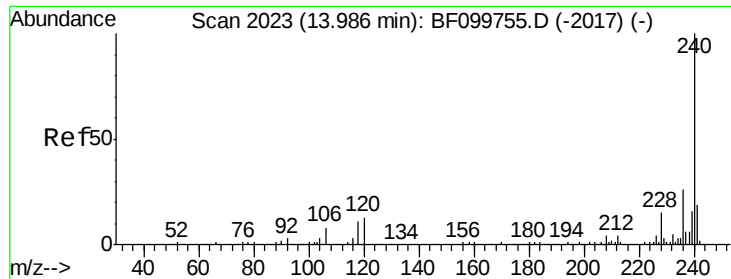
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	9.8	9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 2.75 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099801.D
Acq: 24 Oct 2017 21:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	191.4	76.9	115.3#
141	513.1	74.4	111.6#

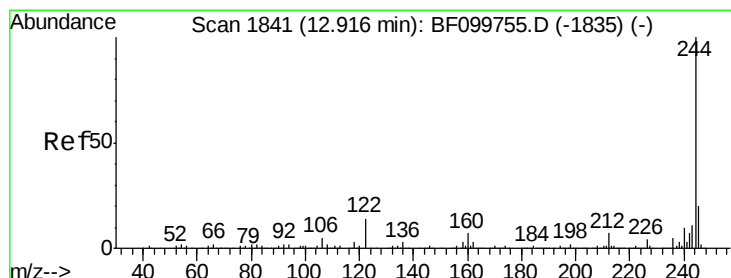
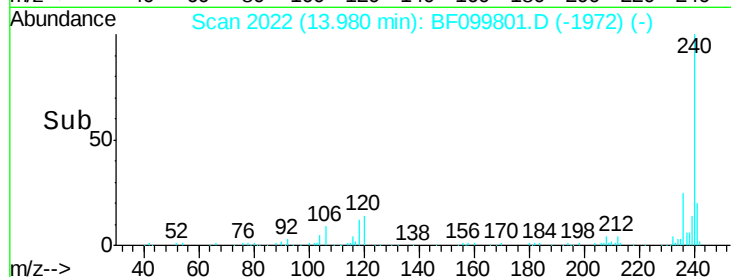
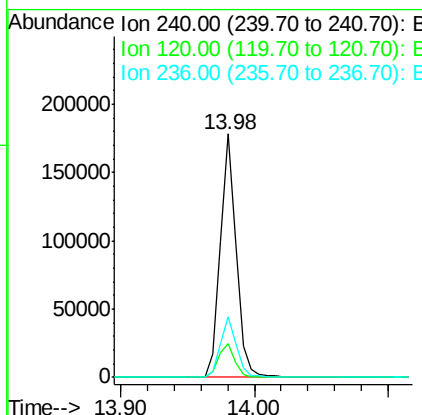
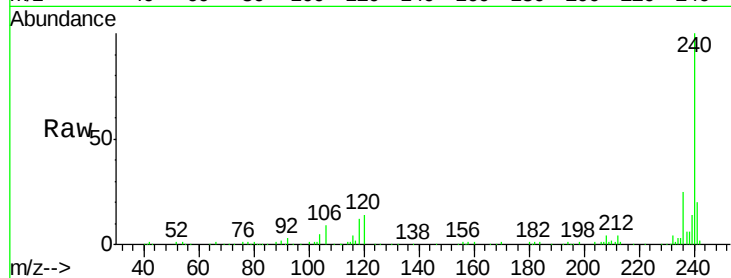




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099801.D
 Acq: 24 Oct 2017 21:21

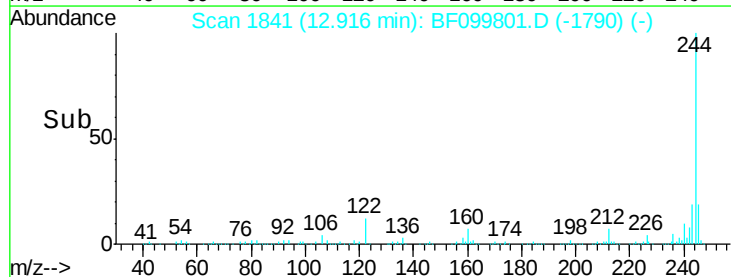
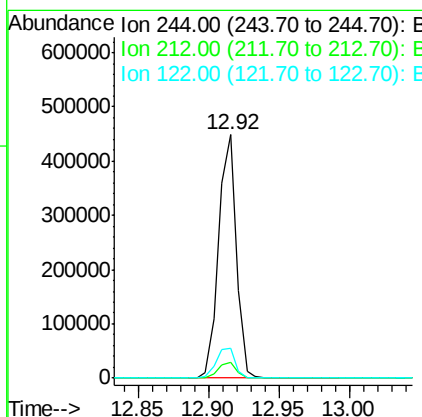
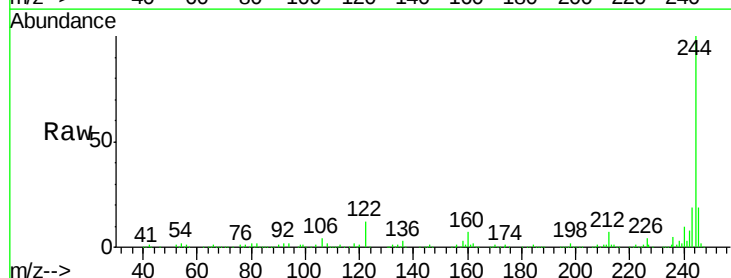
Instrument :
 BNA_F
 ClientSampled :

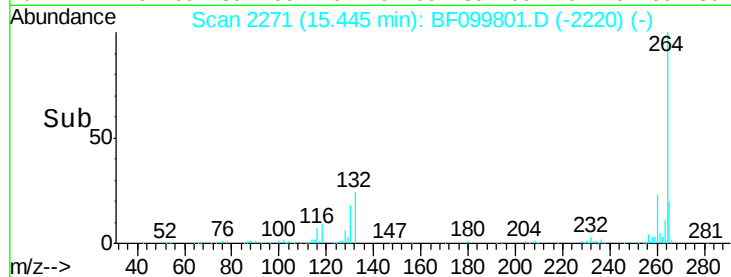
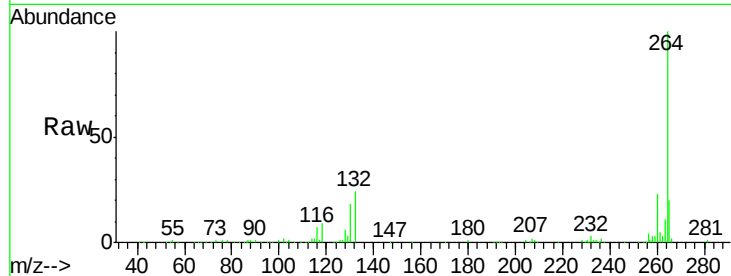
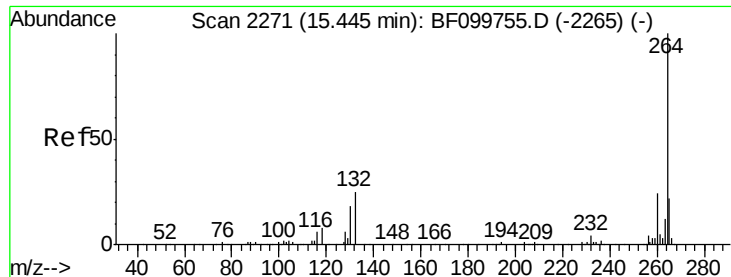
Tot Ion:240 Resp: 151744
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 25.1 20.7 31.1



#78
 Terphenyl-d14
 Concen: 56.50 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099801.D
 Acq: 24 Oct 2017 21:21

Tgt Ion:244 Resp: 392290
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.4 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF099801.D
 Acq: 24 Oct 2017 21:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.3	17.5	26.3

