

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099797.D
 Acq On : 24 Oct 2017 19:28
 Operator : SJ/JU
 Sample : I5956-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 07:37:39 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

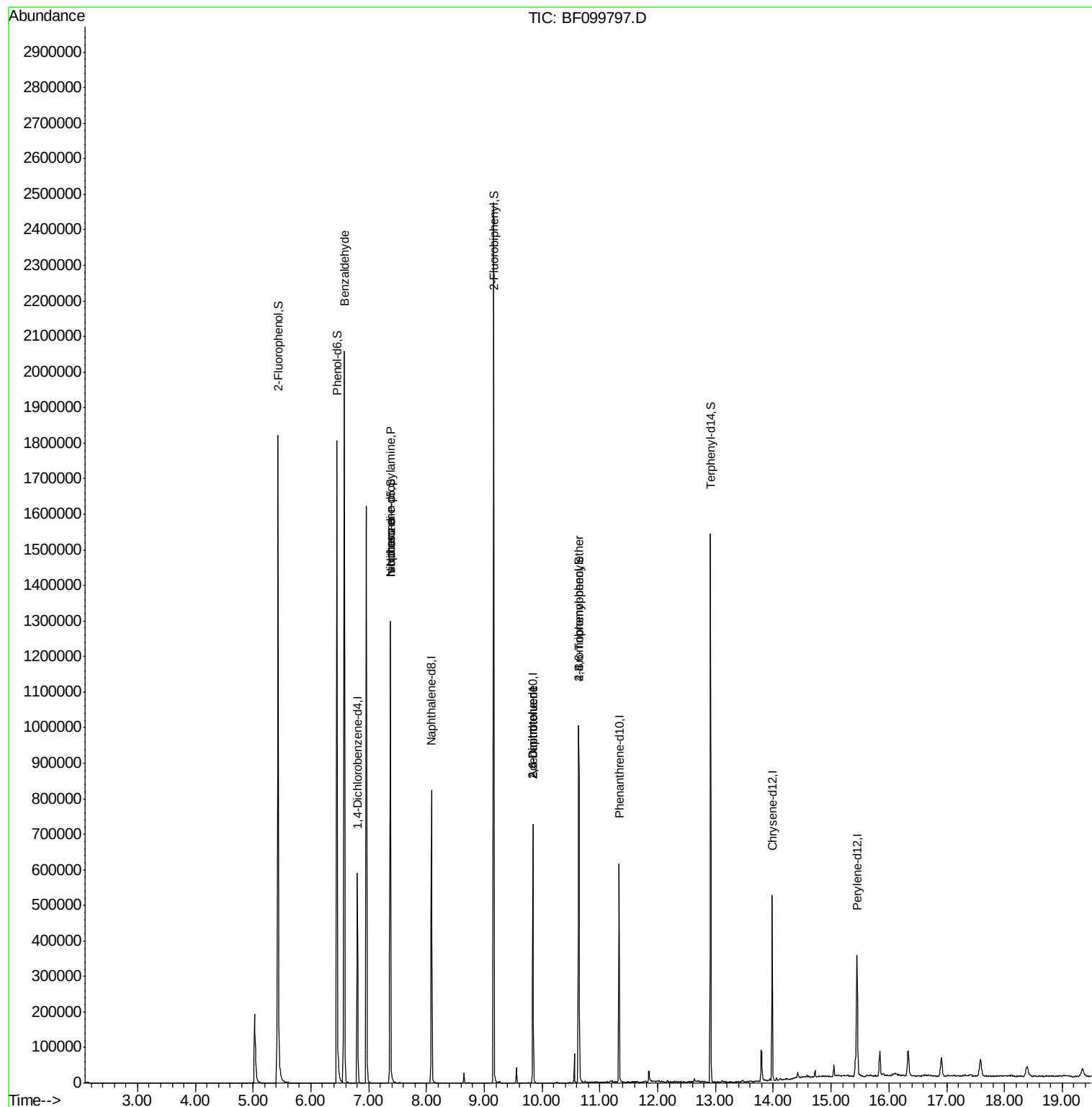
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	91226	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	357849	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	147225	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	209192	20.00	ng	0.00
75) Chrysene-d12	13.98	240	161449	20.00	ng	0.00
86) Perylene-d12	15.45	264	159010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	625094	107.58	ng	0.00
7) Phenol-d6	6.45	99	745933	108.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	423459	76.18	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	124872	93.07	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	796887	83.51	ng	0.00
78) Terphenyl-d14	12.92	244	463357	62.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	11969	2.91	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.37	70	51334	12.71	ng	# 72
25) Isophorone	7.37	82	423509	41.99	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	18456	7.53	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	18456	6.25	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	8219	3.73	ng	# 1

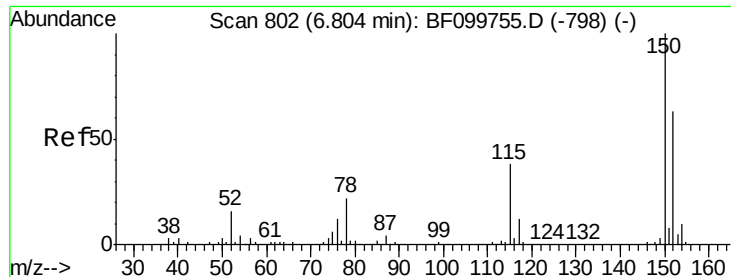
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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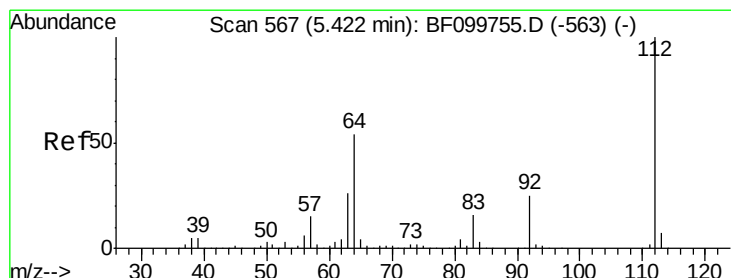
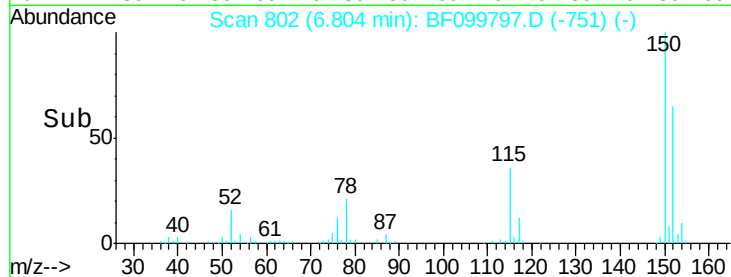
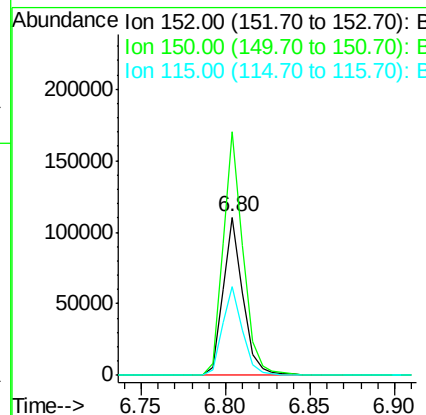
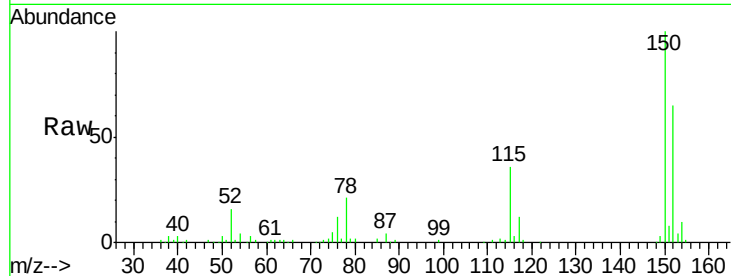


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099797.D
Acq: 24 Oct 2017 19:28

Instrument :
BNA_F
ClientSampleId :

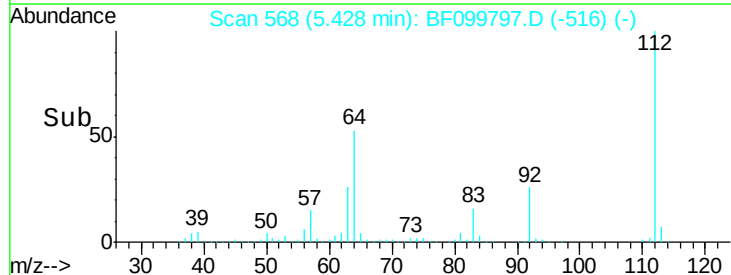
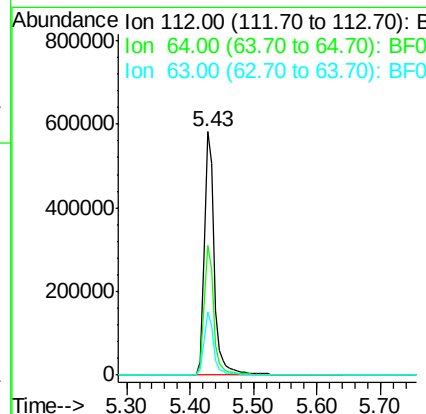
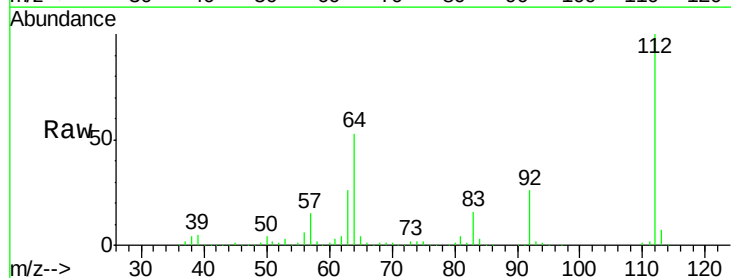
Tot Ion:152 Resp: 91226
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 56.0 50.1 75.1

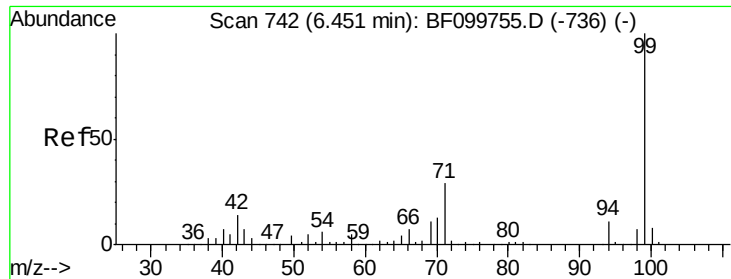


#5

2-Fluorophenol
Concen: 107.58 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099797.D
Acq: 24 Oct 2017 19:28

Tgt Ion:112 Resp: 625094
Ion Ratio Lower Upper
112 100
64 53.1 47.9 71.9
63 25.8 23.7 35.5





#7

Phenol-d6

Concen: 108.27 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099797.D

Acq: 24 Oct 2017 19:28

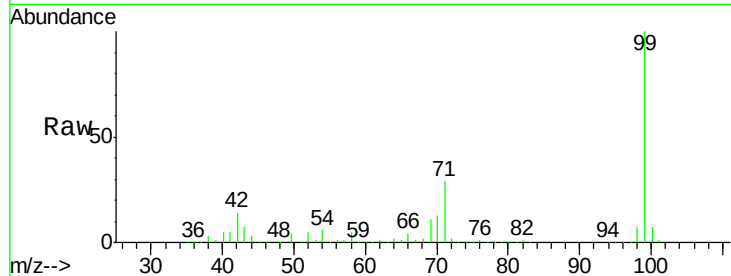
Instrument :

BNA_F

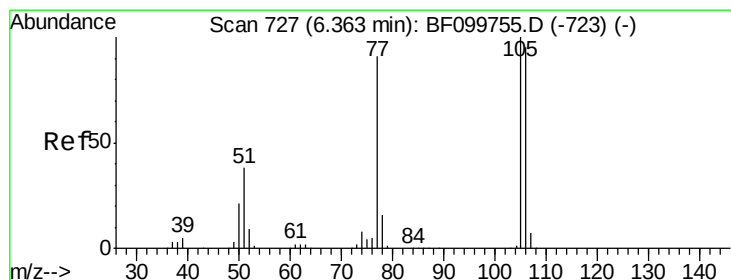
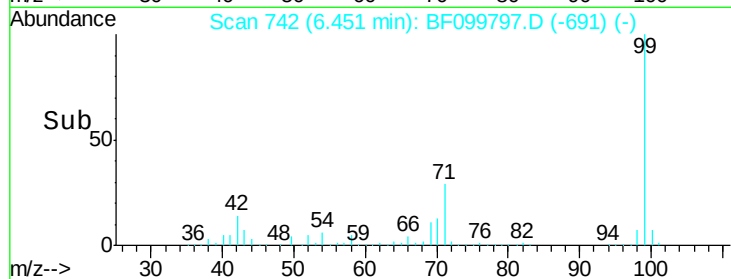
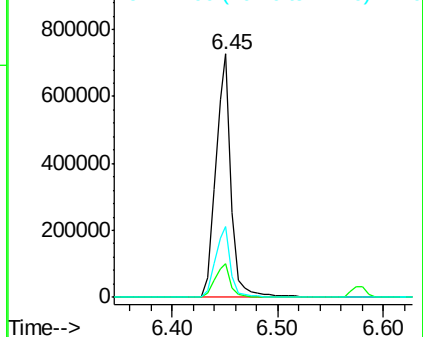
ClientSampled :

Tot Ion: 99 Resp: 745933

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.5	21.7#
71	29.2	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: 2.91 ng

RT: 6.58 min Scan# 764

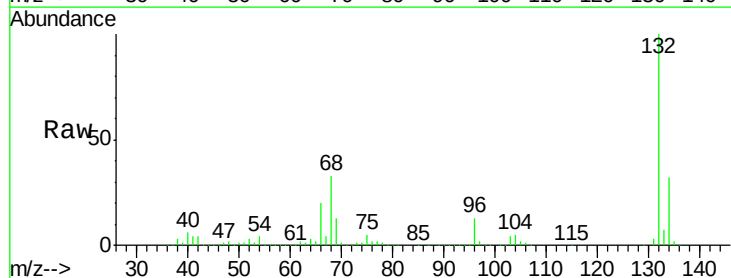
Delta R.T. 0.22 min

Lab File: BF099797.D

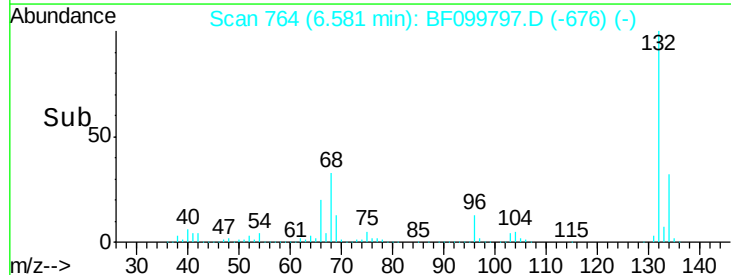
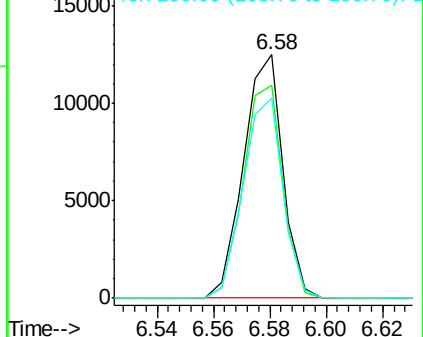
Acq: 24 Oct 2017 19:28

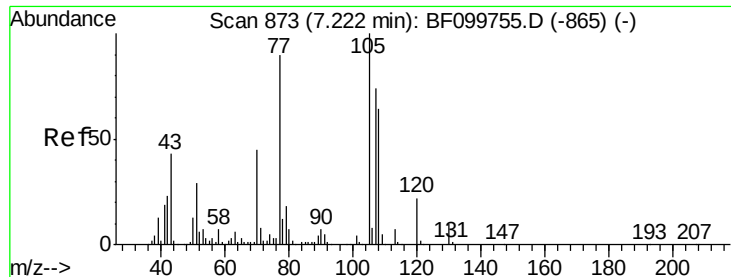
Tgt Ion: 77 Resp: 11969

Ion	Ratio	Lower	Upper
77	100		
105	87.2	81.1	121.1
106	82.2	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

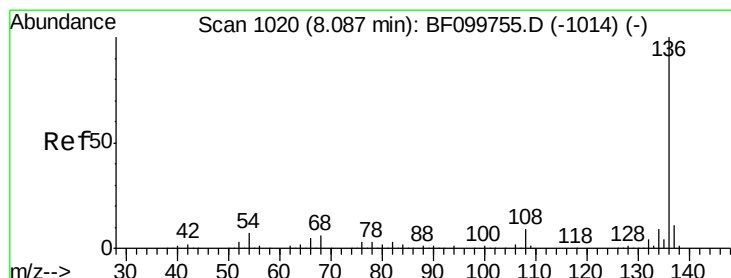
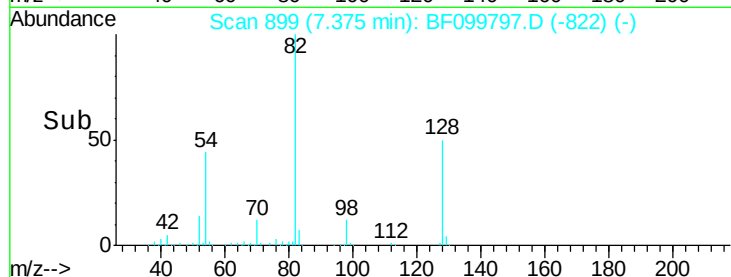
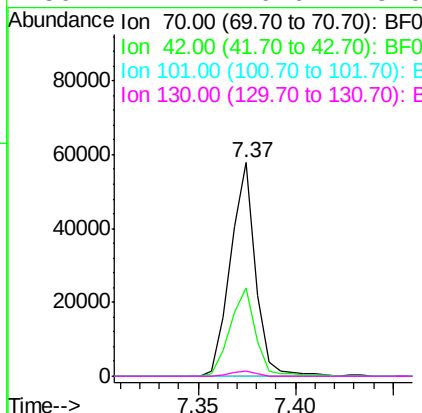
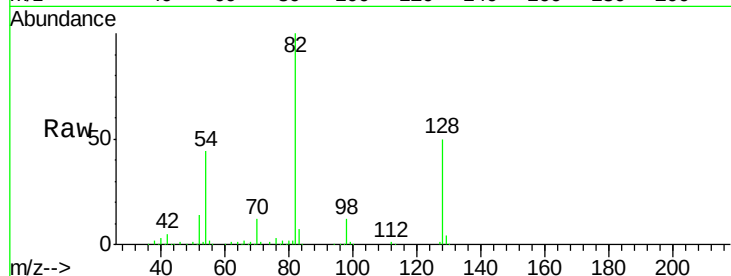




#19
n-Nitroso-di-n-propylamine
Concen: 12.71 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099797.D
Acq: 24 Oct 2017 19:28

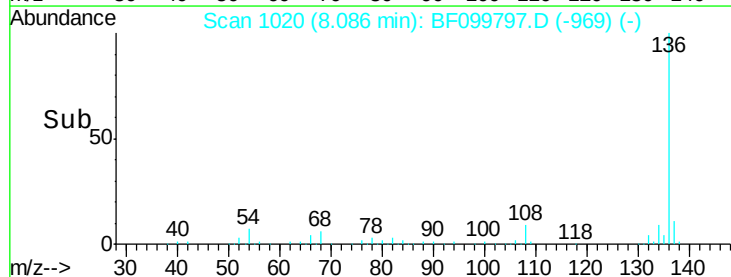
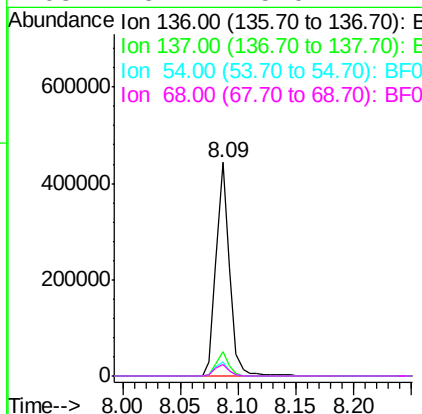
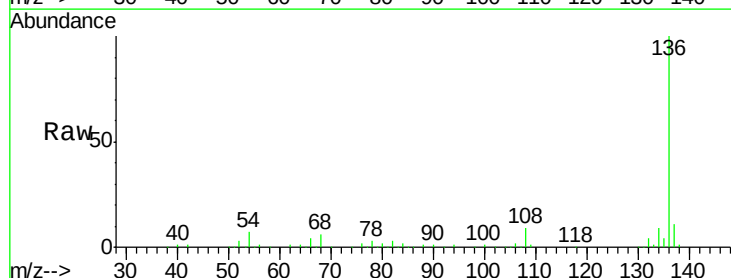
Instrument :
BNA_F
ClientSampleId :

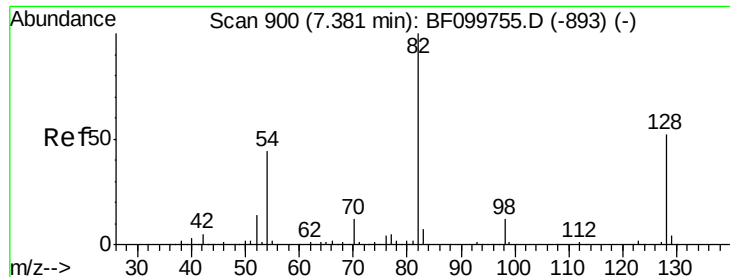
Tot Ion: 70 Resp: 51334
Ion Ratio Lower Upper
70 100
42 41.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099797.D
Acq: 24 Oct 2017 19:28

Tgt Ion: 136 Resp: 357849
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 6.6 6.6 9.8
68 5.7 5.0 7.4

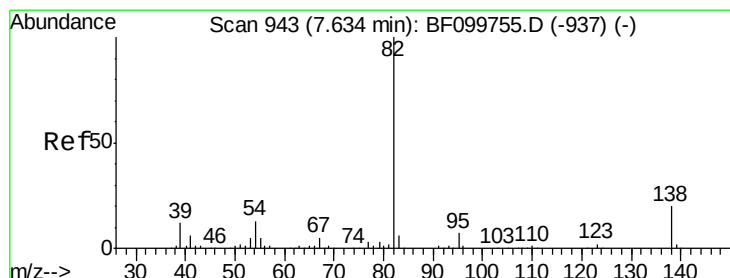
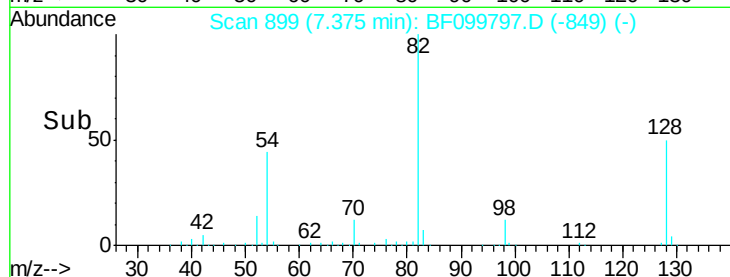
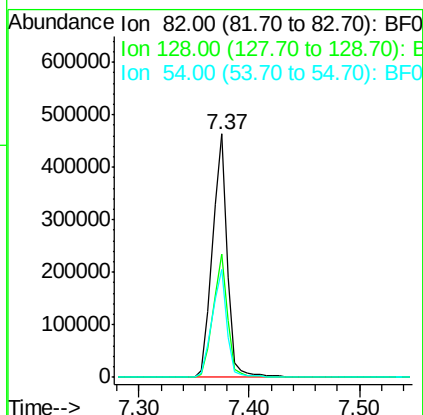
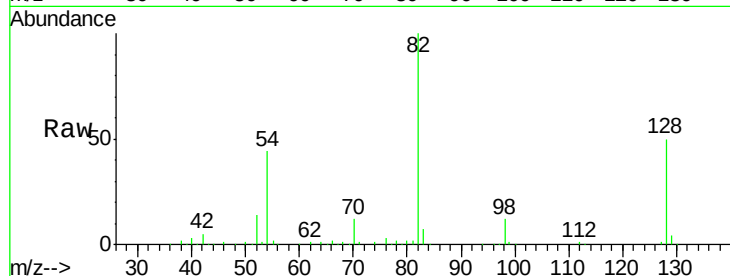




#23
Nitrobenzene-d5
Concen: 76.18 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099797.D
Acq: 24 Oct 2017 19:28

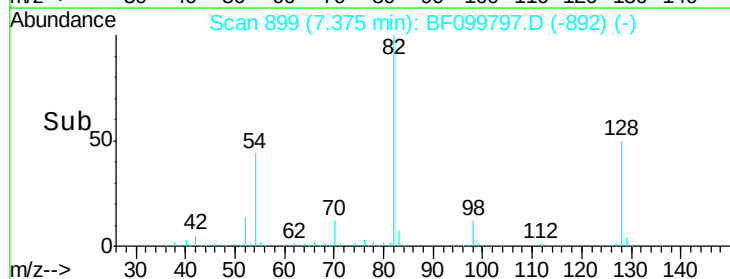
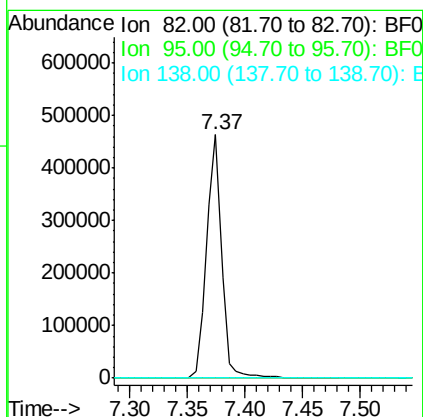
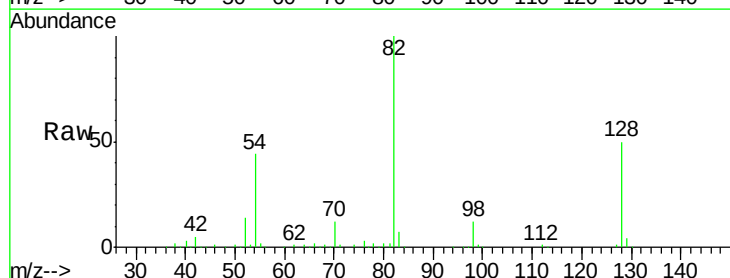
Instrument :
BNA_F
ClientSampleID :

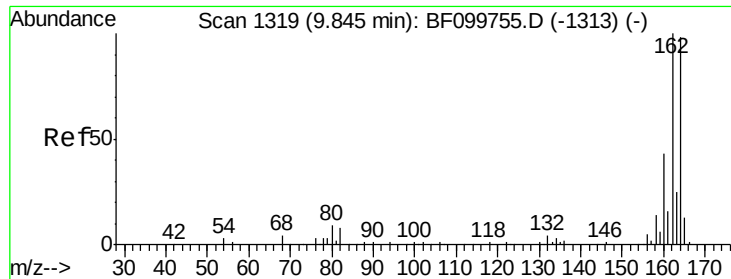
Tot Ion: 82 Resp: 423459
Ion Ratio Lower Upper
82 100
128 50.4 36.1 54.1
54 44.4 41.4 62.2



#25
Isophorone
Concen: 41.99 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF099797.D
Acq: 24 Oct 2017 19:28

Tgt Ion: 82 Resp: 423509
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

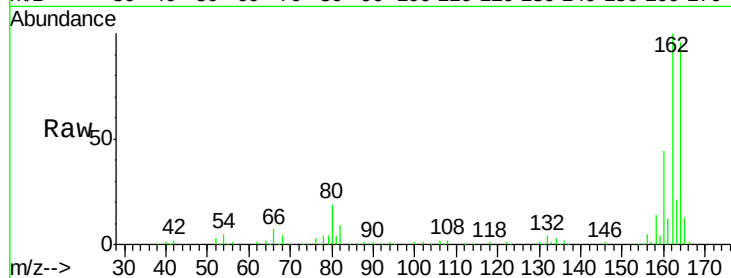




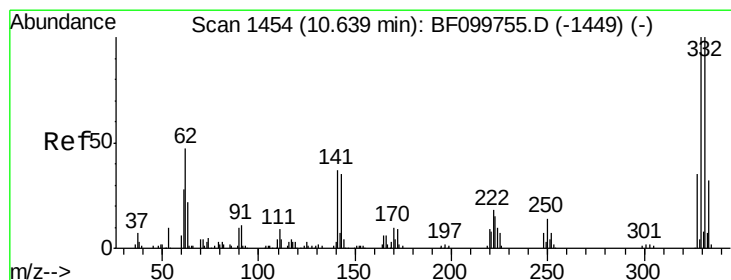
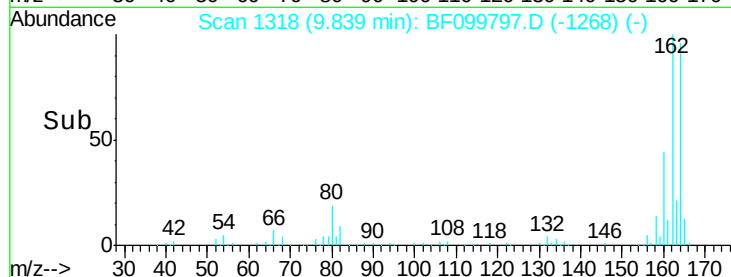
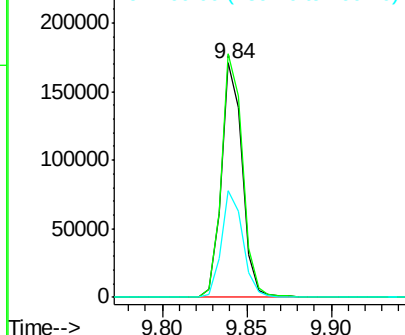
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 147225
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 45.4 38.3 57.5

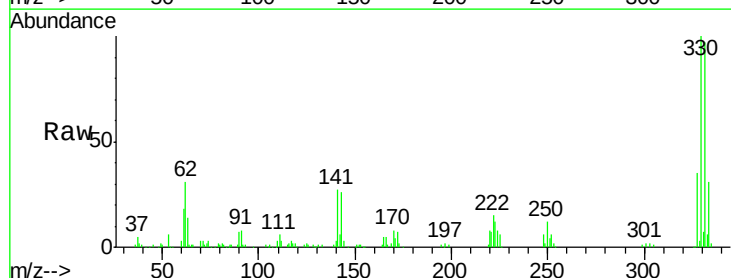


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

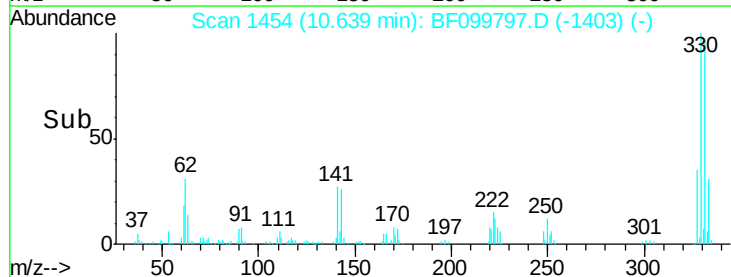
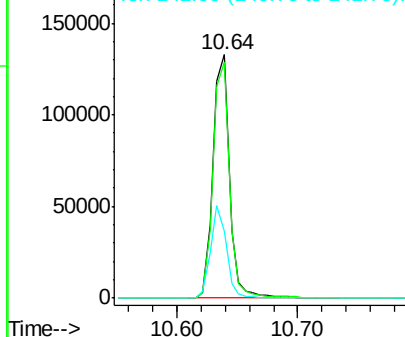


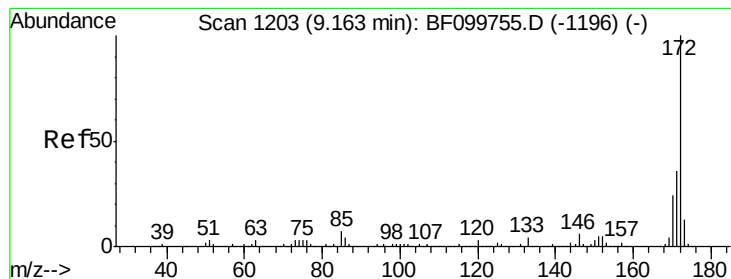
#41
 2,4,6-Tribromophenol
 Concen: 93.07 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Tgt Ion:330 Resp: 124872
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 36.4 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: 83.51 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF099797.D

Acq: 24 Oct 2017 19:28

Instrument :

BNA_F

ClientSampleId :

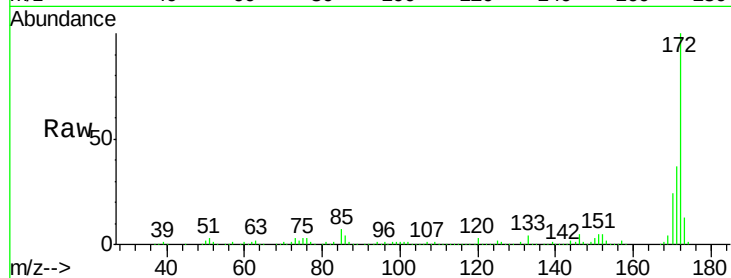
Tot Ion:172 Resp: 796887

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

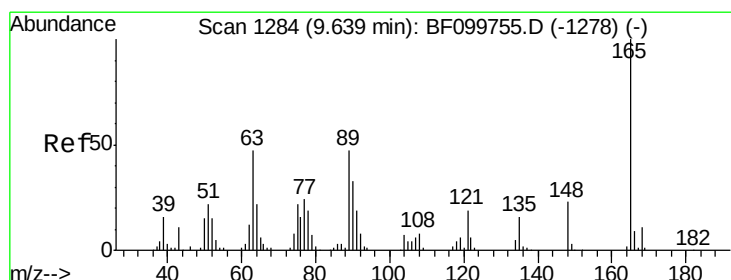
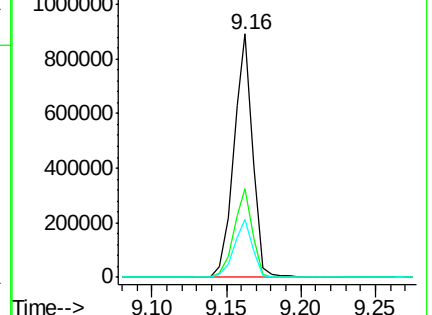
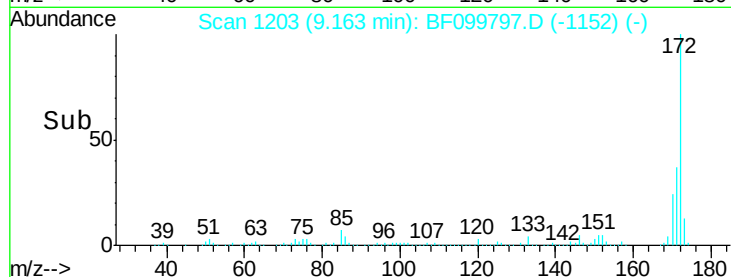
170 23.8 19.6 29.4



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: 7.53 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.20 min

Lab File: BF099797.D

Acq: 24 Oct 2017 19:28

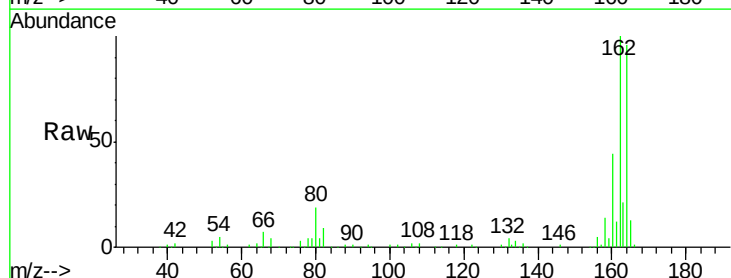
Tgt Ion:165 Resp: 18456

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

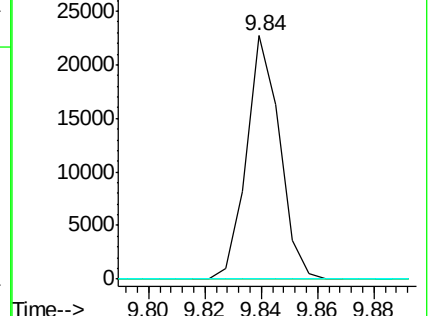
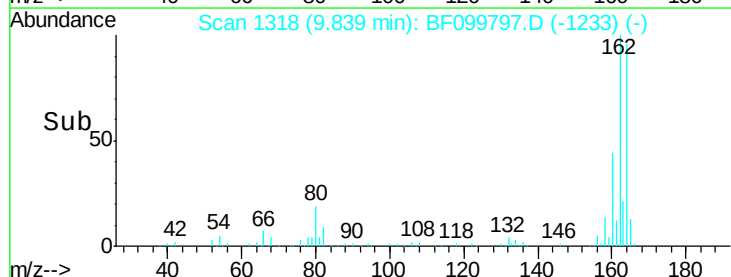
89 0.0 44.0 66.0#

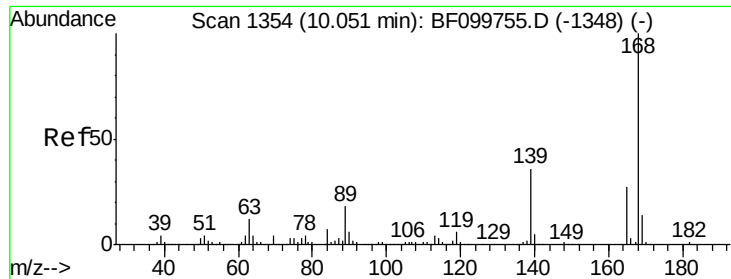


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

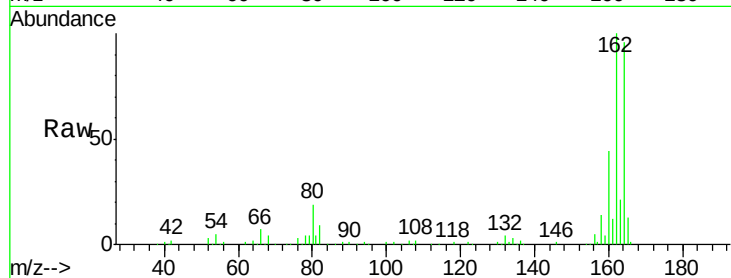




#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#

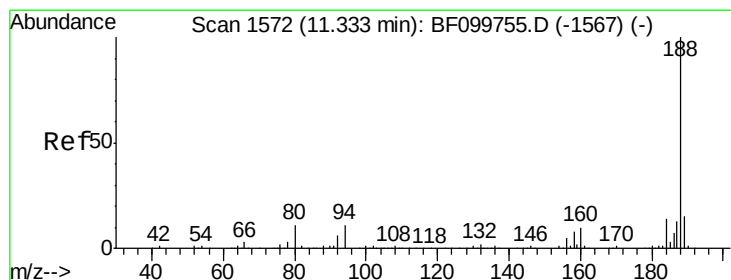
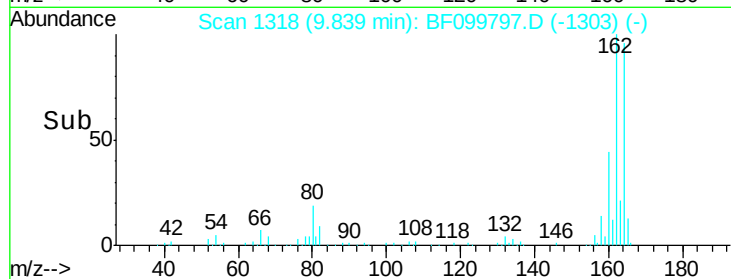
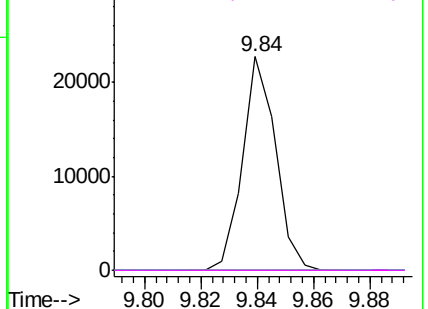


Abundance Ion 165.00 (164.70 to 165.70): E

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



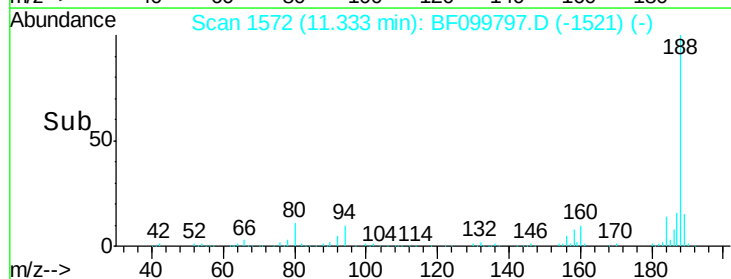
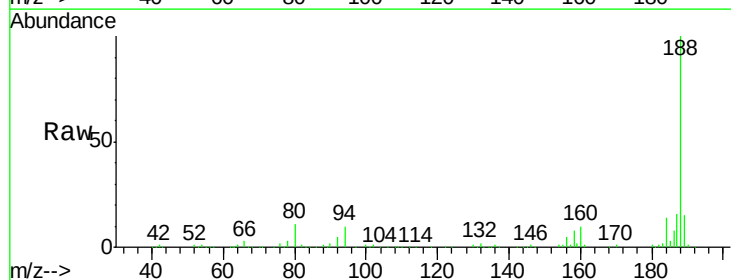
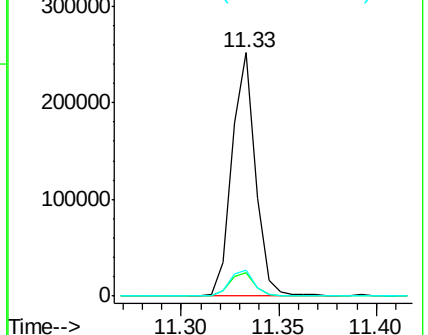
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

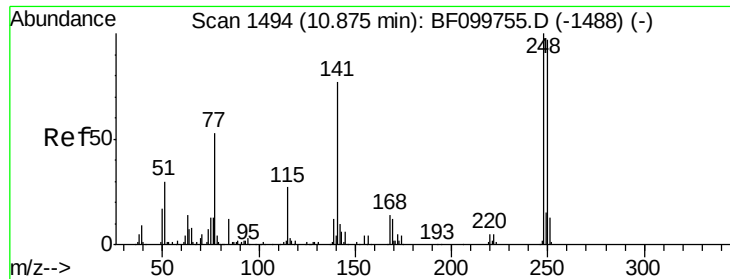
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.6	9.2	13.8

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

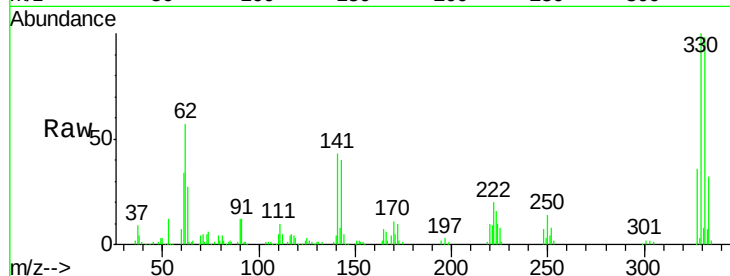




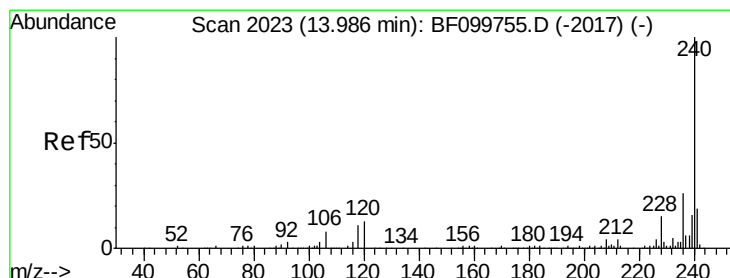
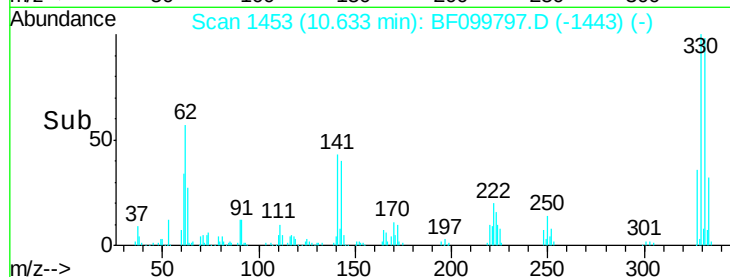
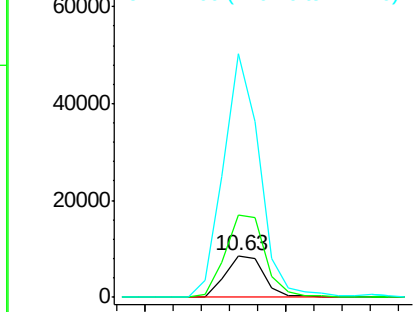
#66
 4-Bromophenyl-phenylether
 Concen: 3.73 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8219
 Ion Ratio Lower Upper
 248 100
 250 196.4 76.9 115.3#
 141 582.3 74.4 111.6#

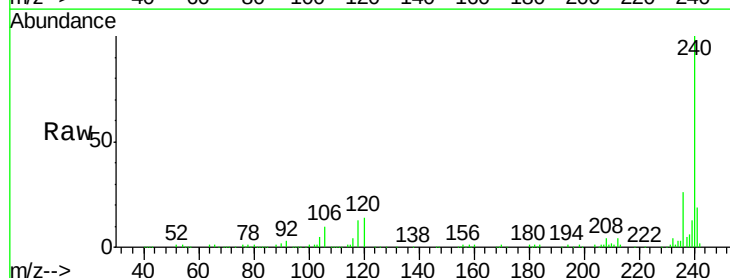


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

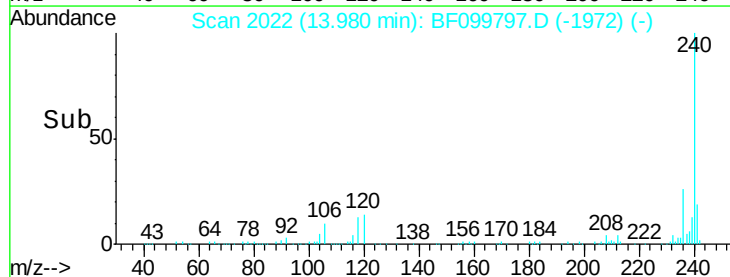
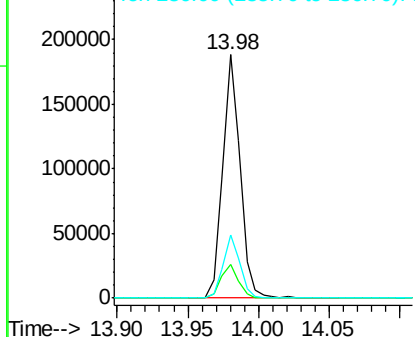


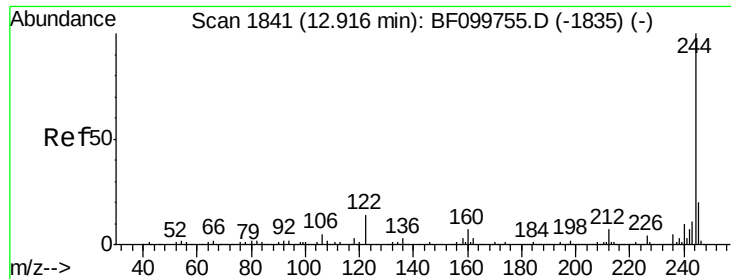
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Tgt Ion:240 Resp: 161449
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 25.9 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

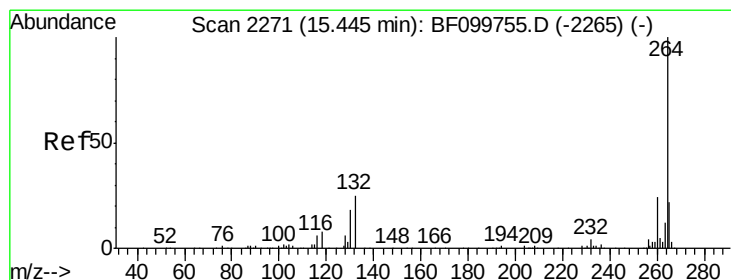
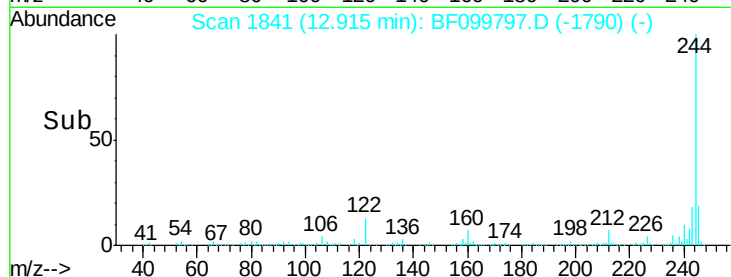
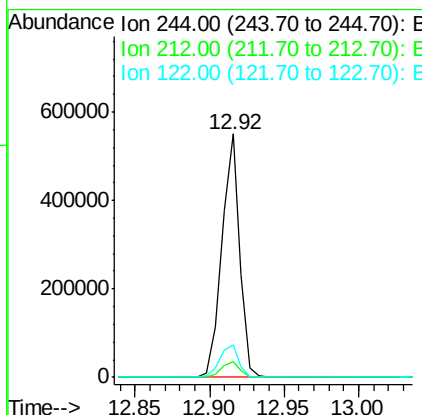
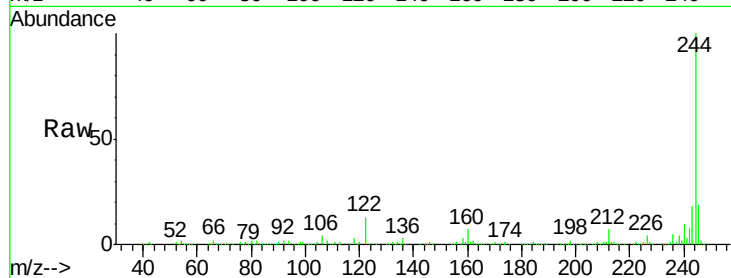




#78
 Terphenyl-d14
 Concen: 62.72 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 463357
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 13.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099797.D
 Acq: 24 Oct 2017 19:28

Tgt Ion:264 Resp: 159010
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.7 17.5 26.3

