

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099810.D
 Acq On : 25 Oct 2017 13:46
 Operator : SJ/JU
 Sample : I5956-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 16:56:04 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

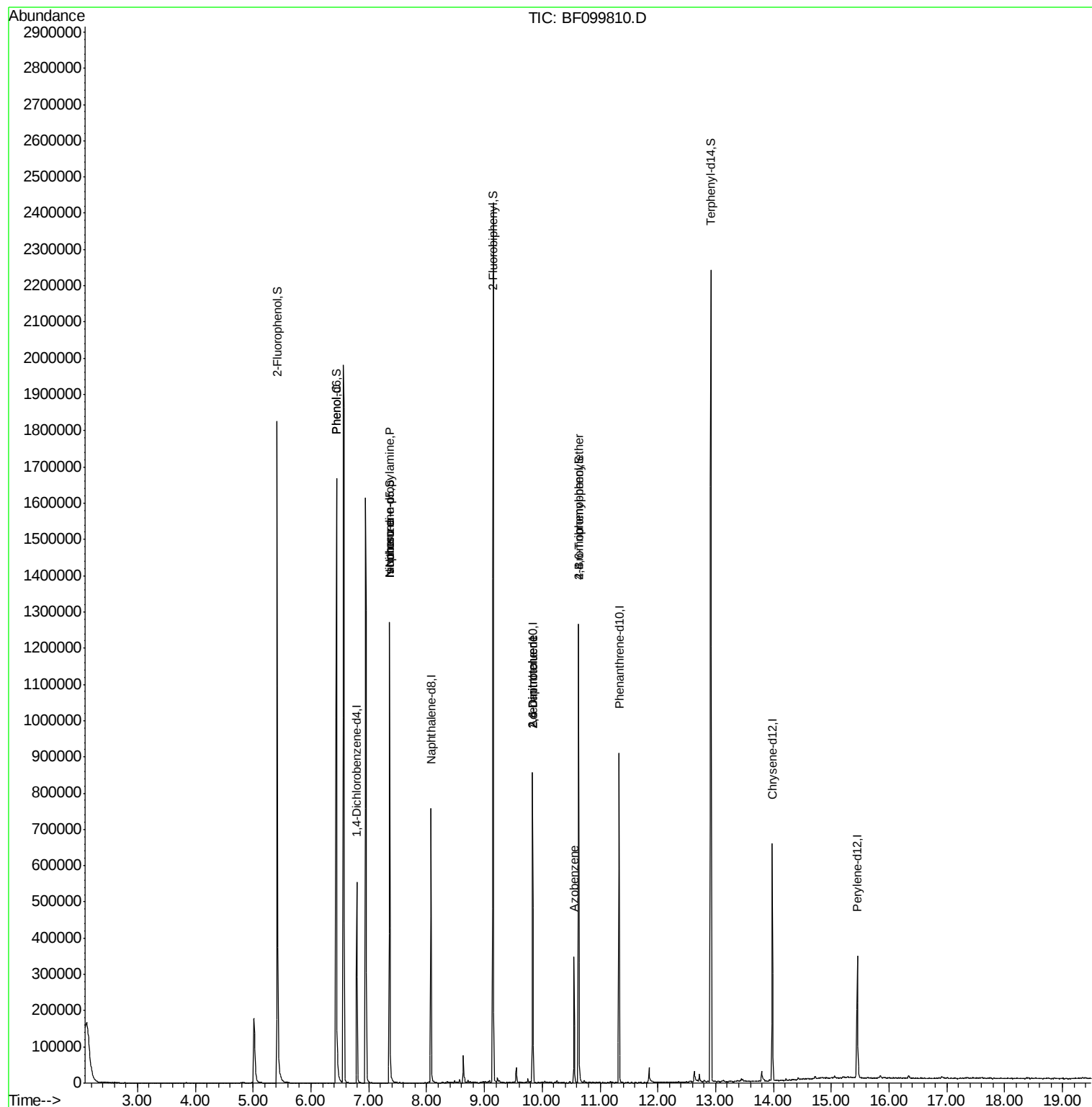
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84047	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	345231	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	162827	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	307530	20.00	ng	0.00
75) Chrysene-d12	13.98	240	221902	20.00	ng	0.00
86) Perylene-d12	15.45	264	162433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	626743	117.07	ng	0.00
7) Phenol-d6	6.44	99	748408	117.90	ng	-0.01
23) Nitrobenzene-d5	7.36	82	421917	78.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	170380	114.82	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	832574	78.89	ng	-0.01
78) Terphenyl-d14	12.92	244	741610	73.04	ng	0.00
Target Compounds						
10) Phenol	6.45	94	14168	2.033	ng	# 54
19) n-Nitroso-di-n-propylamine	7.36	70	52818	14.199	ng	# 71
25) Isophorone	7.36	82	421913	43.360	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	20151	7.434	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	20151	6.173	ng	# 22
62) Azobenzene	10.55	77	54380	5.152	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11249	3.475	ng	# 1

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

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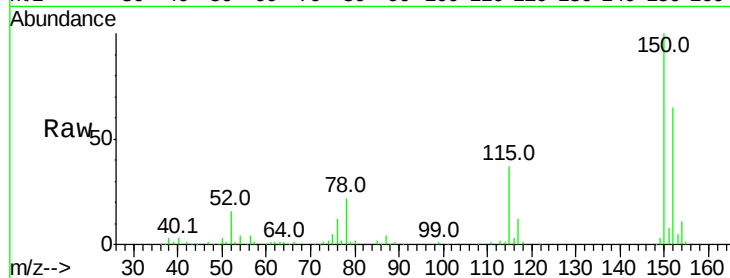


#1

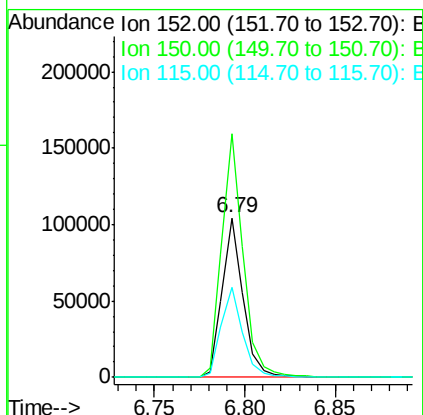
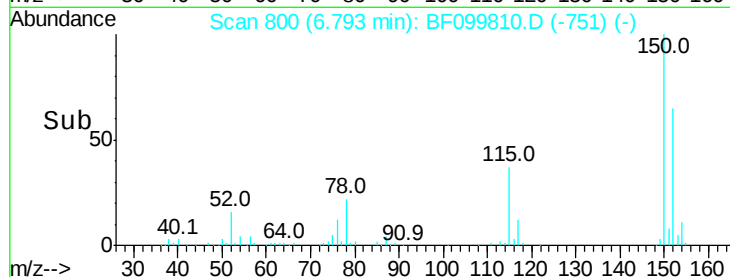
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF099810.D
Acq: 25 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84047
Ion Ratio Lower Upper
152 100
150 152.8 124.6 186.8
115 56.7 50.1 75.1



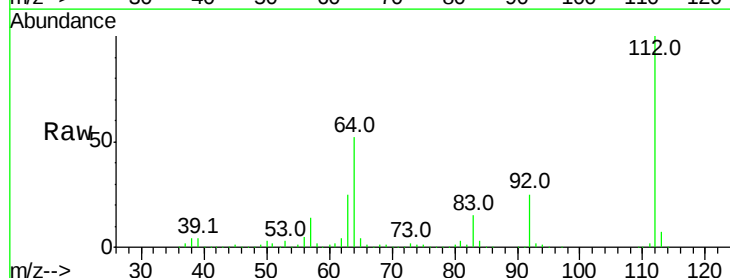
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



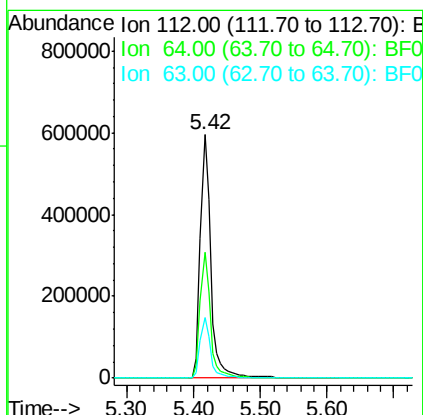
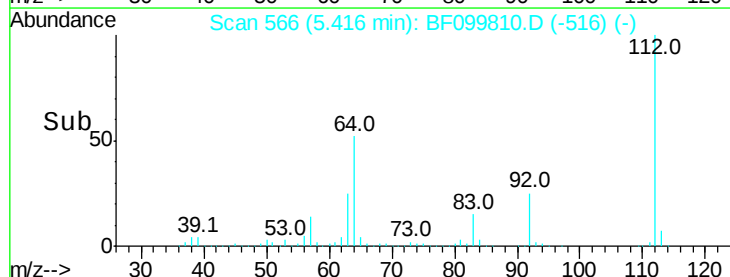
#5

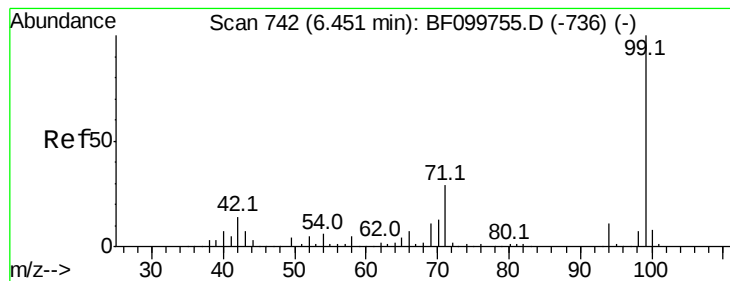
2-Fluorophenol
Concen: 117.073 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF099810.D
Acq: 25 Oct 2017 13:46

Tgt Ion:112 Resp: 626743
Ion Ratio Lower Upper
112 100
64 51.8 47.9 71.9
63 25.1 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: 117.903 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF099810.D

Acq: 25 Oct 2017 13:46

Instrument :

BNA_F

ClientSampled :

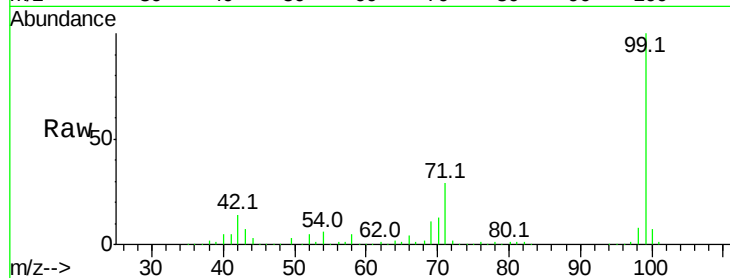
Tot Ion: 99 Resp: 748408

Ion Ratio Lower Upper

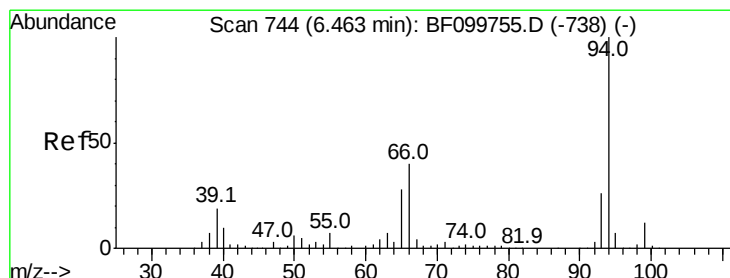
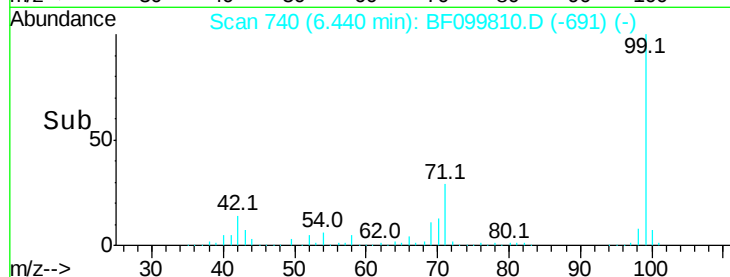
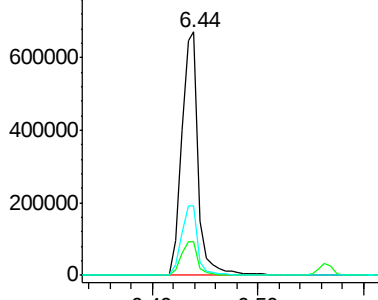
99 100

42 13.6 14.5 21.7#

71 28.7 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



#10

Phenol

Concen: 2.033 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF099810.D

Acq: 25 Oct 2017 13:46

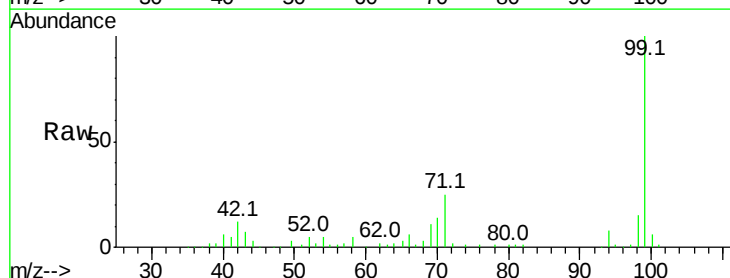
Tgt Ion: 94 Resp: 14168

Ion Ratio Lower Upper

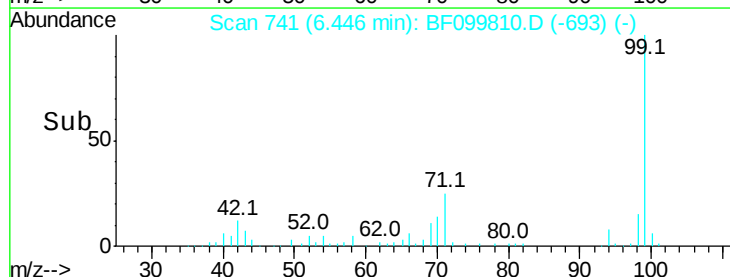
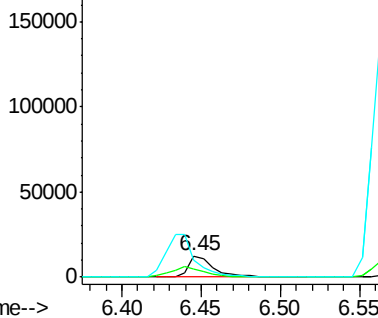
94 100

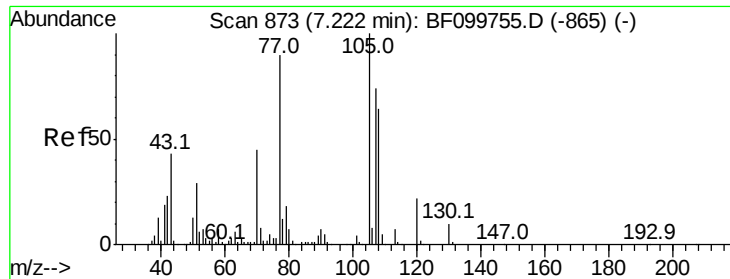
65 35.8 7.9 47.9

66 77.7 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

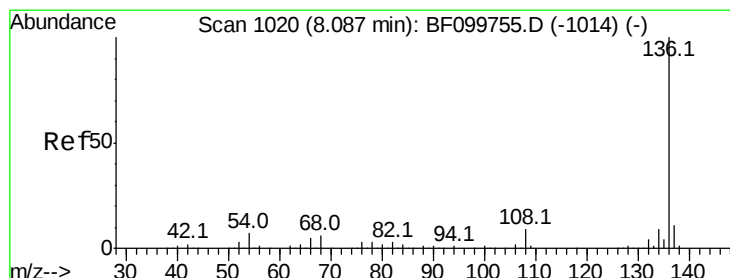
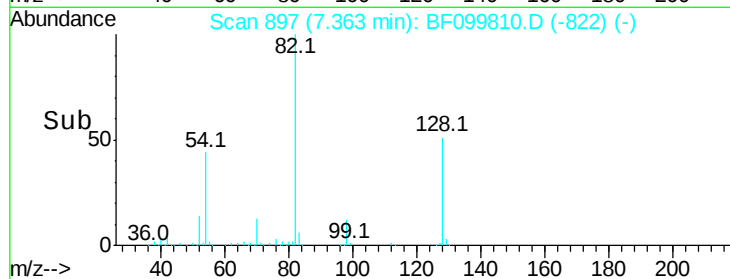
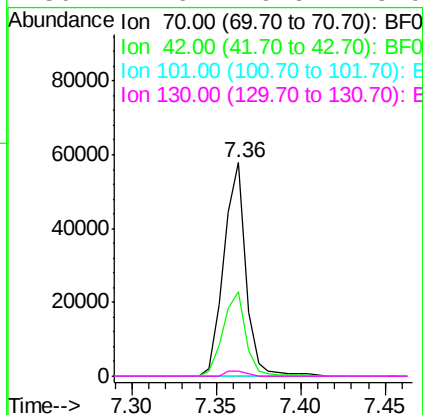
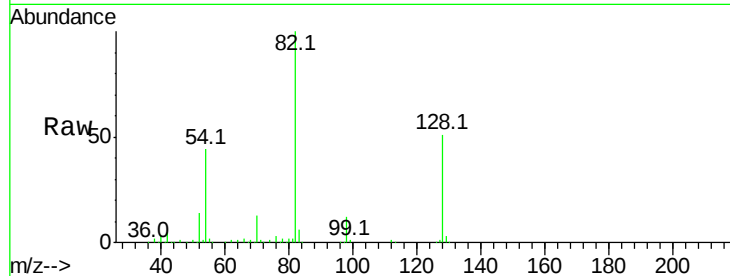




#19
n-Nitroso-di-n-propylamine
Concen: 14.199 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF099810.D
Acq: 25 Oct 2017 13:46

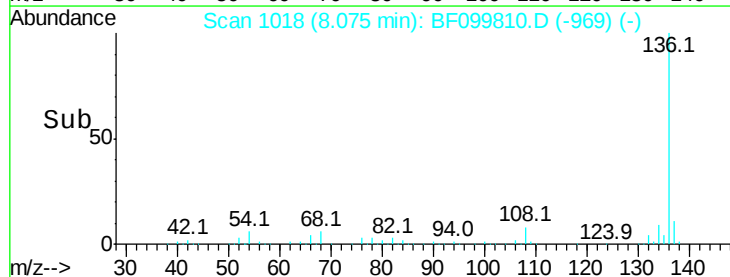
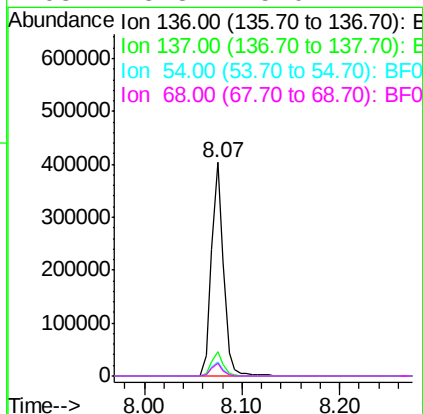
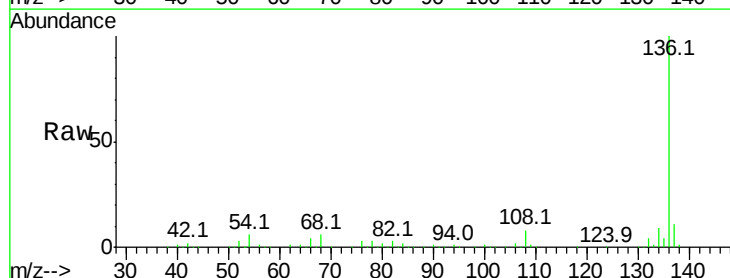
Instrument :
BNA_F
ClientSampleId :

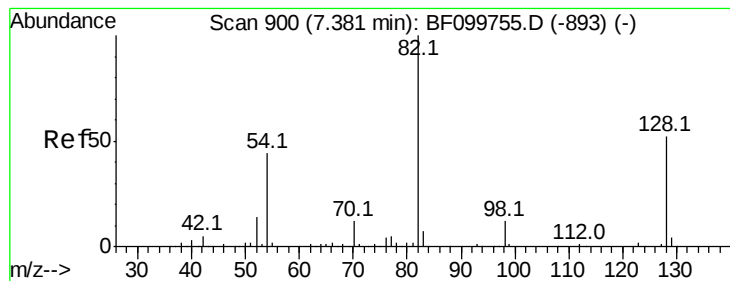
Tot Ion: 70 Resp: 52818
Ion Ratio Lower Upper
70 100
42 39.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099810.D
Acq: 25 Oct 2017 13:46

Tgt Ion: 136 Resp: 345231
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.4 6.6 9.8#
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 78.681 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF099810.D

Acq: 25 Oct 2017 13:46

Instrument :

BNA_F

ClientSampled :

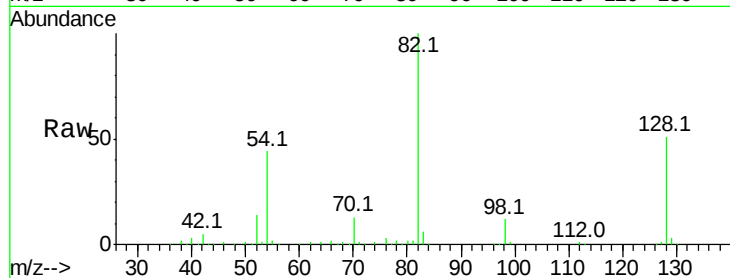
Tot Ion: 82 Resp: 421917

Ion Ratio Lower Upper

82 100

128 51.0 36.1 54.1

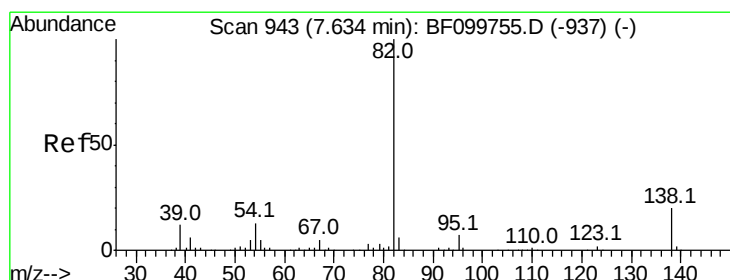
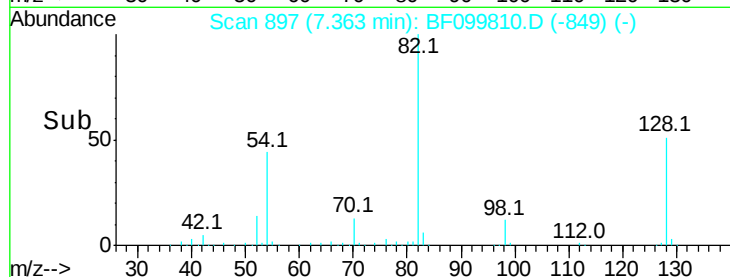
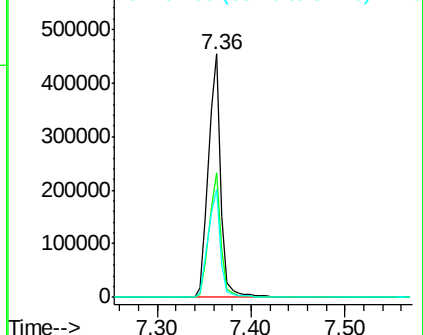
54 44.2 41.4 62.2



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: 43.360 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.27 min

Lab File: BF099810.D

Acq: 25 Oct 2017 13:46

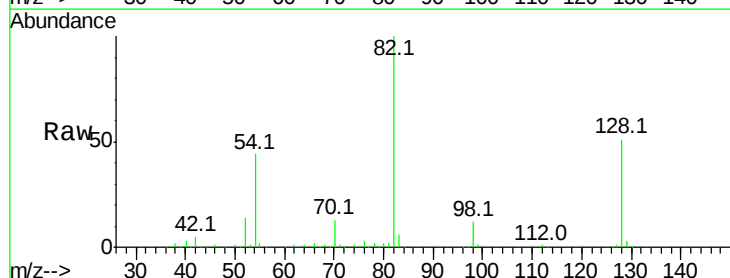
Tgt Ion: 82 Resp: 421913

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

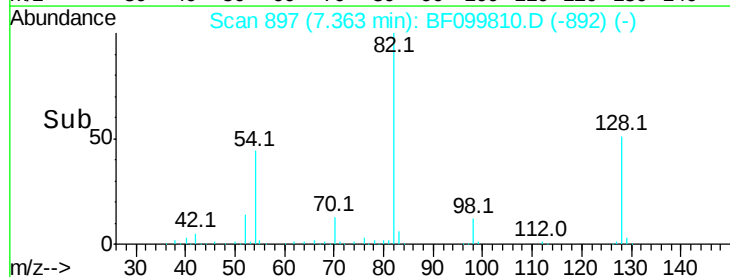
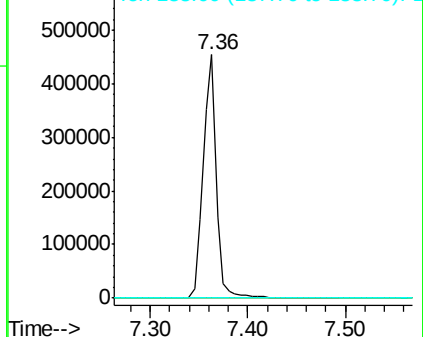
138 0.0 14.9 22.3#

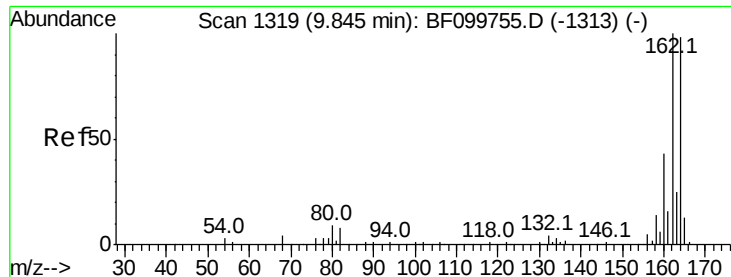


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

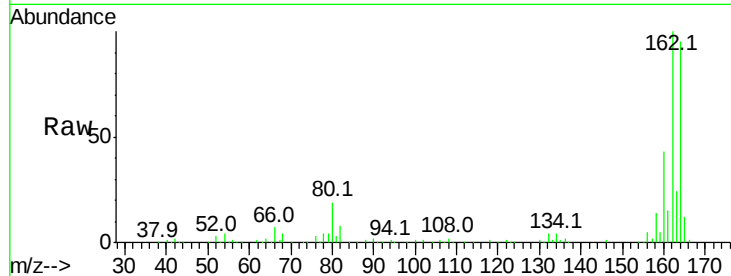




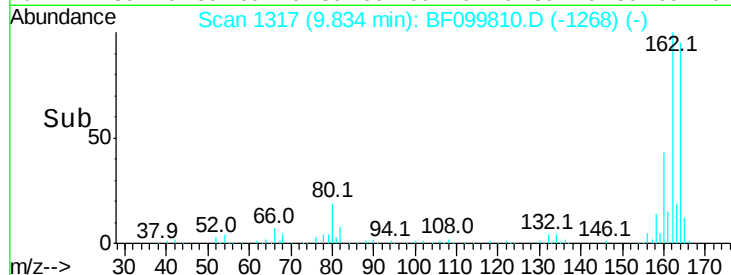
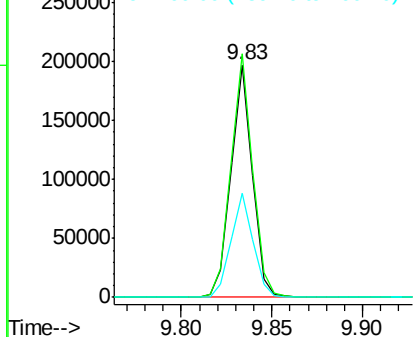
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099810.D
Acq: 25 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 162827
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 44.7 38.3 57.5

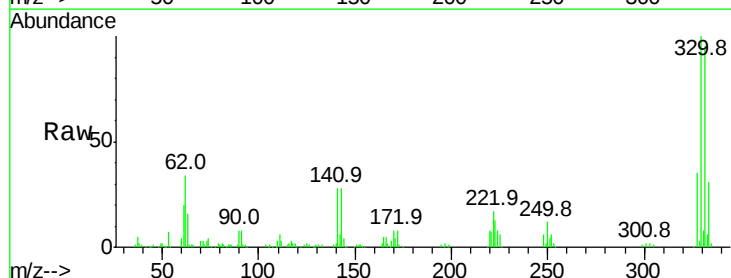


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

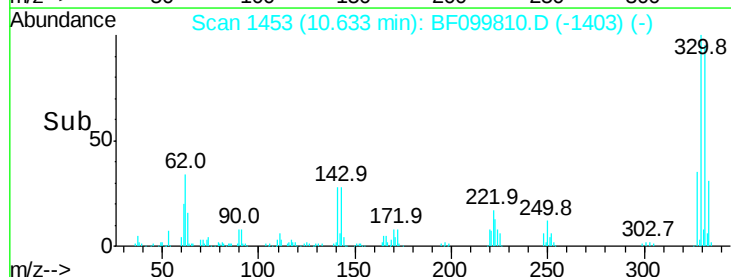
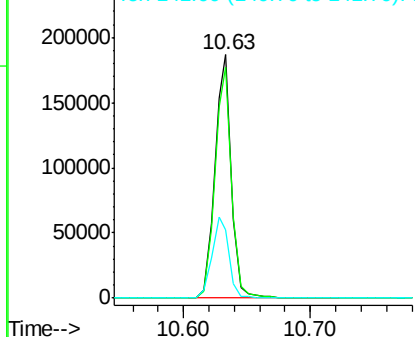


#41
2,4,6-Tribromophenol
Concen: 114.821 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099810.D
Acq: 25 Oct 2017 13:46

Tgt Ion:330 Resp: 170380
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 34.6 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

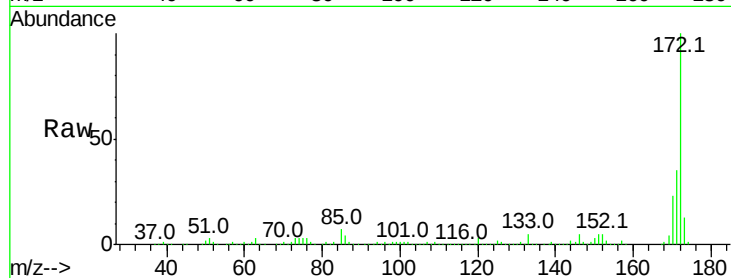




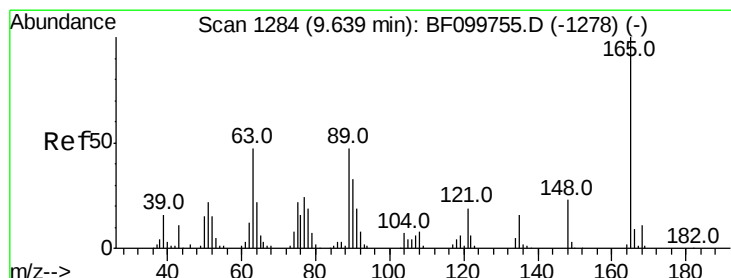
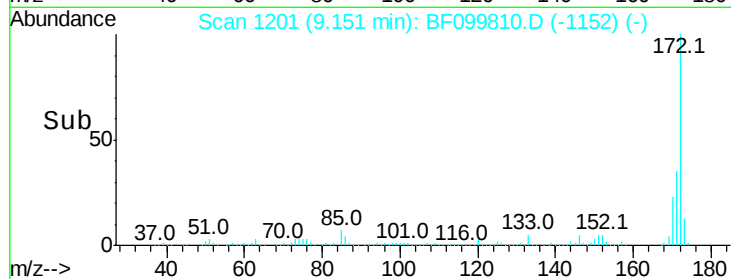
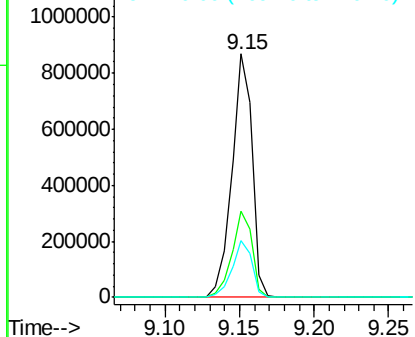
#44
 2-Fluorobiphenyl
 Concen: 78.889 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF099810.D
 Acq: 25 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.3	19.6	29.4

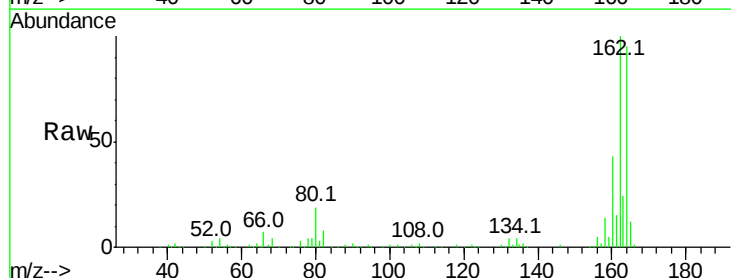


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

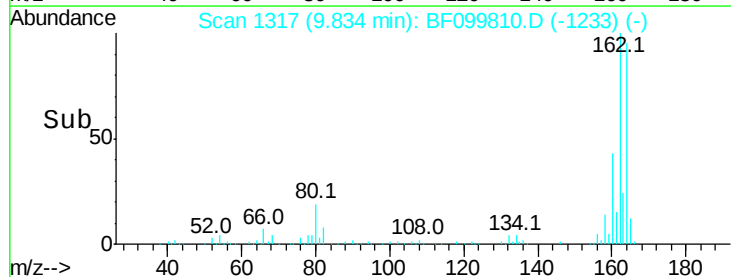
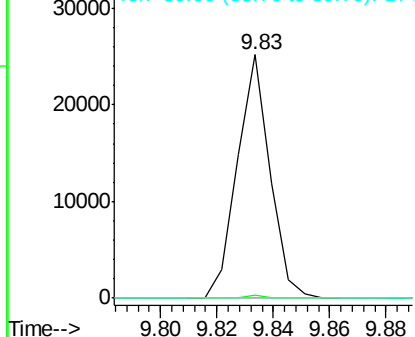


#50
 2,6-Dinitrotoluene
 Concen: 7.434 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF099810.D
 Acq: 25 Oct 2017 13:46

Tgt 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

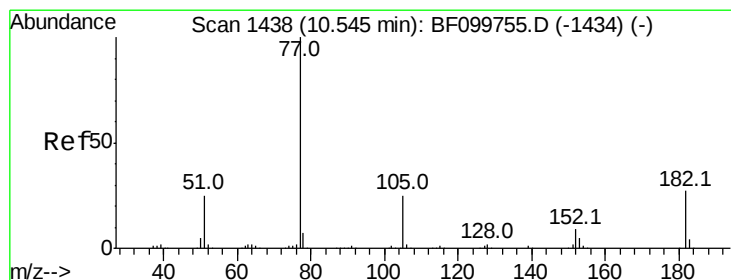
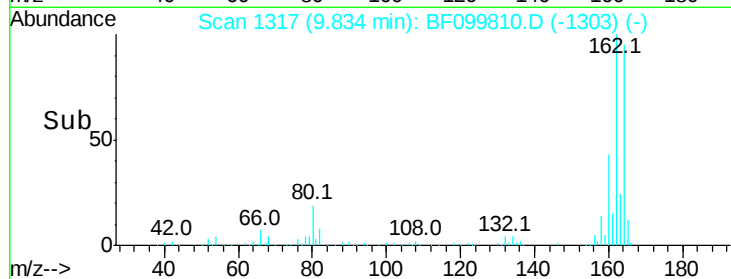
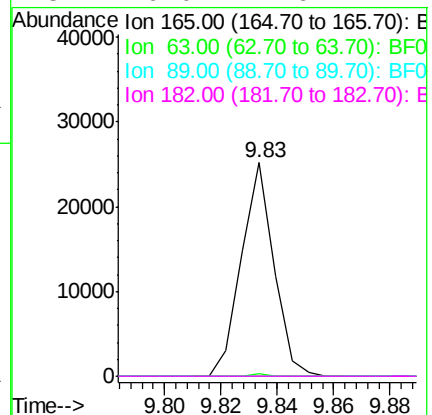
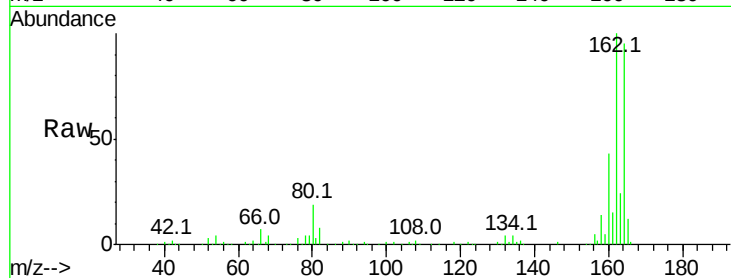




#56
 2,4-Dinitrotoluene
 Concen: 6.173 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF099810.D
 Acq: 25 Oct 2017 13:46

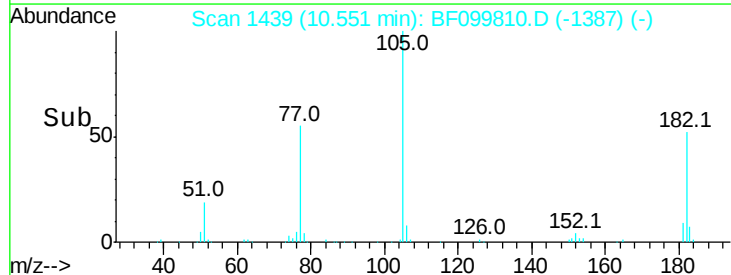
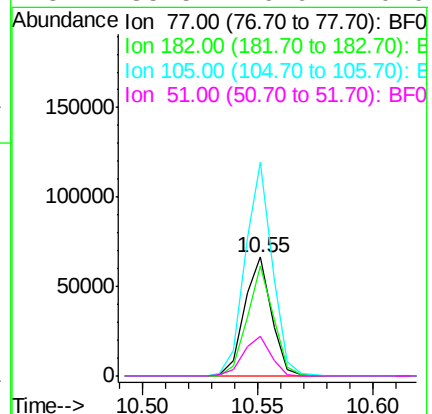
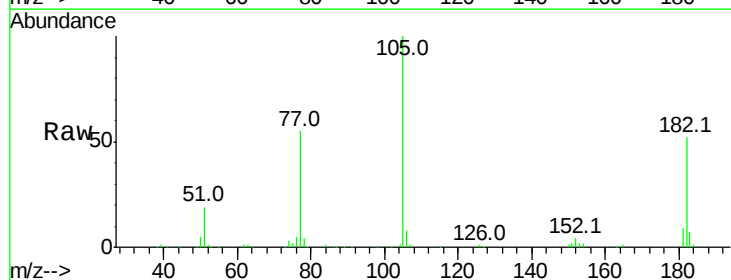
Instrument :
 BNA_F
 ClientSampleId :

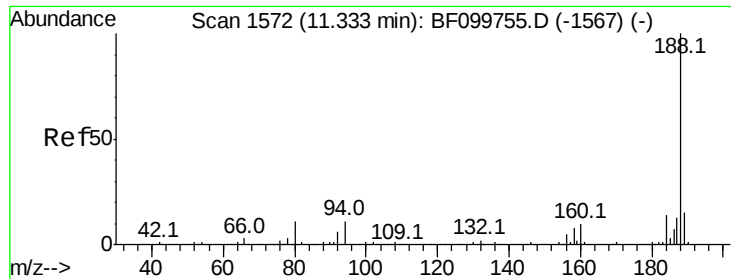
Tot Ion:165 Resp: 20151
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#62
 Azobenzene
 Concen: 5.152 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF099810.D
 Acq: 25 Oct 2017 13:46

Tgt Ion: 77 Resp: 54380
 Ion Ratio Lower Upper
 77 100
 182 93.3 1.7 41.7#
 105 180.3 3.0 43.0#
 51 33.5 9.9 49.9

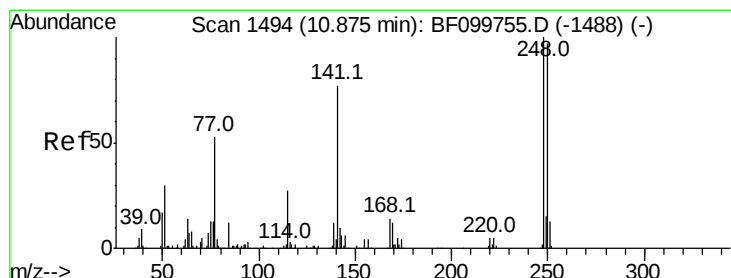
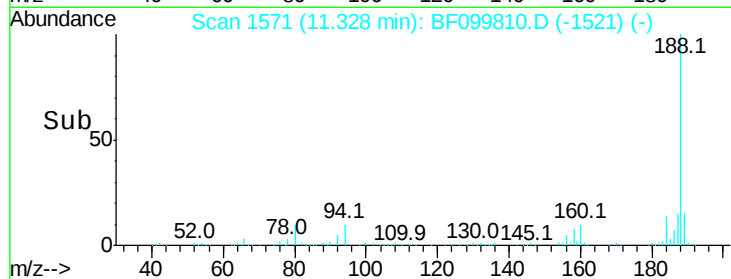
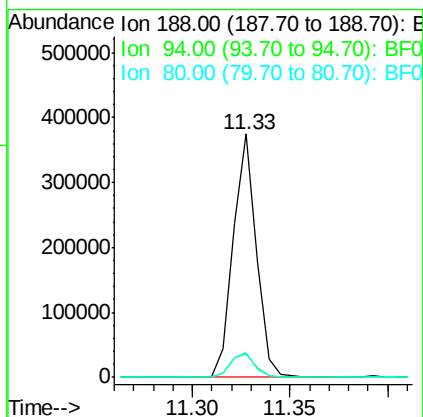
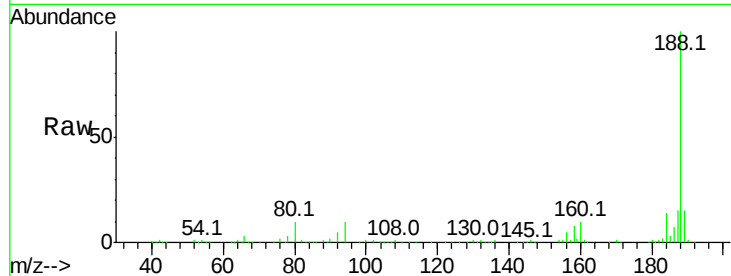




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF099810.D
 Acq: 25 Oct 2017 13:46

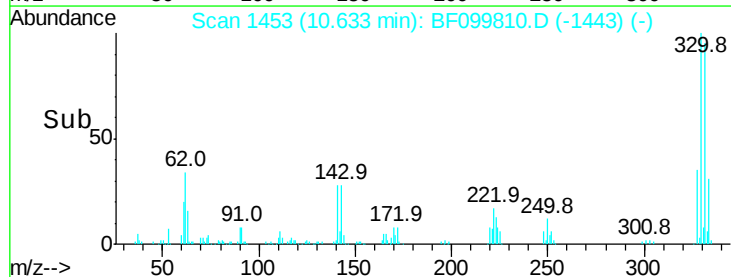
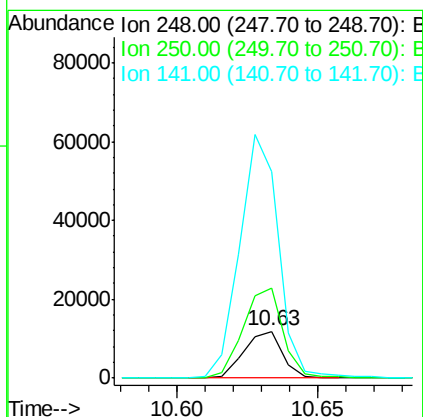
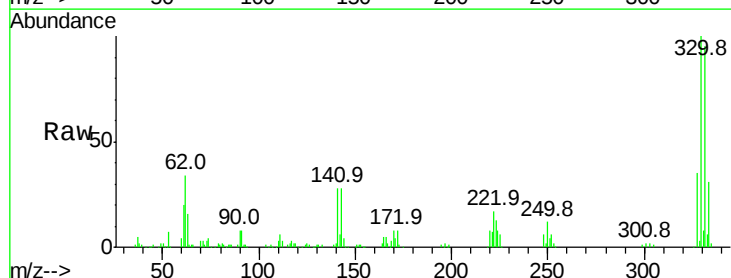
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.3	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.475 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF099810.D
 Acq: 25 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	191.5	76.9	115.3#
141	440.4	74.4	111.6#

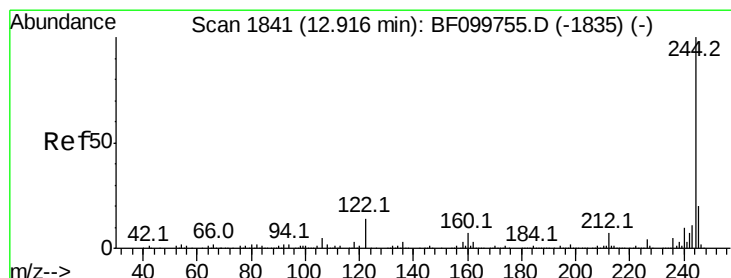
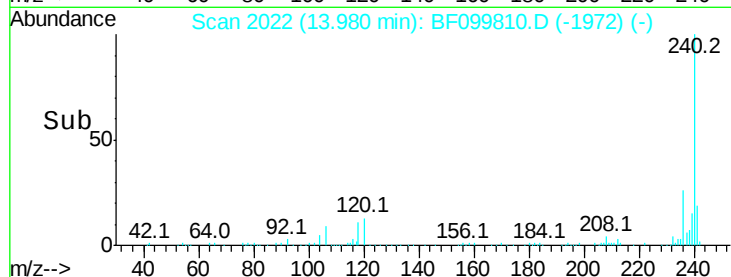
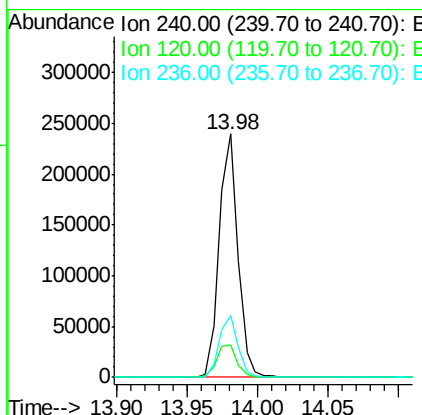
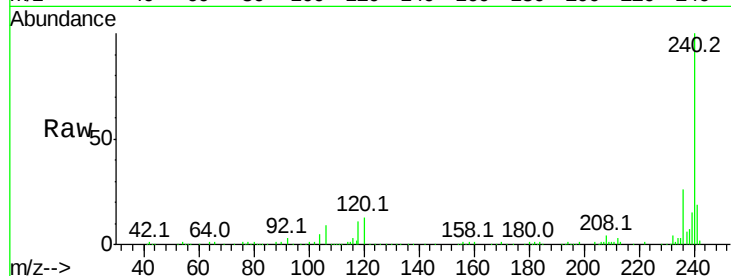




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099810.D
Acq: 25 Oct 2017 13:46

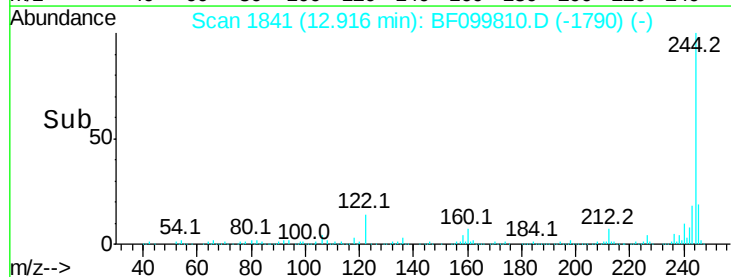
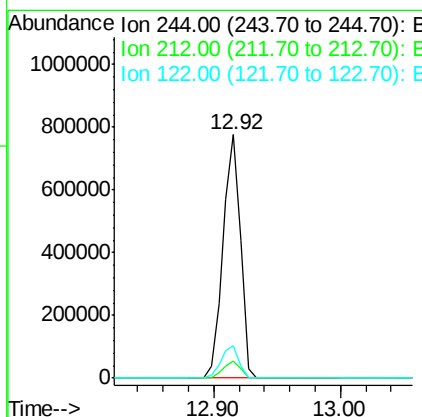
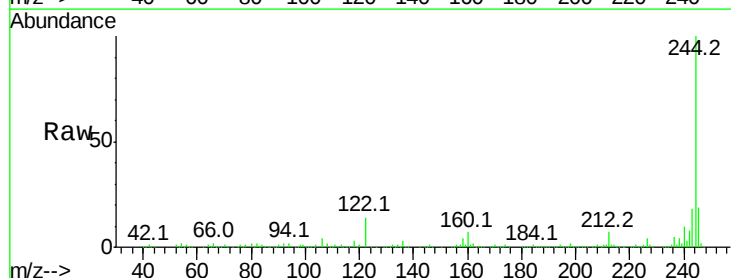
Instrument :
BNA_F
ClientSampleId :

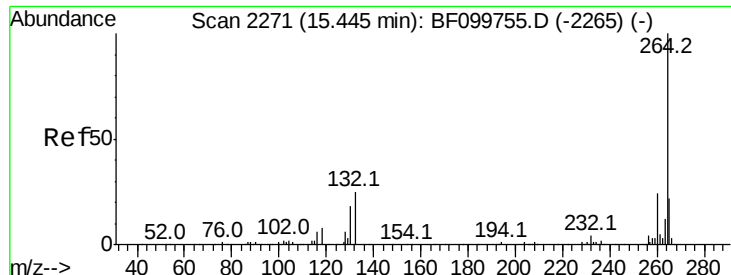
Tot Ion:240 Resp: 221902
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.6 20.7 31.1



#78
Terphenyl-d14
Concen: 73.036 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099810.D
Acq: 25 Oct 2017 13:46

Tgt Ion:244 Resp: 741610
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.5 11.0 16.4

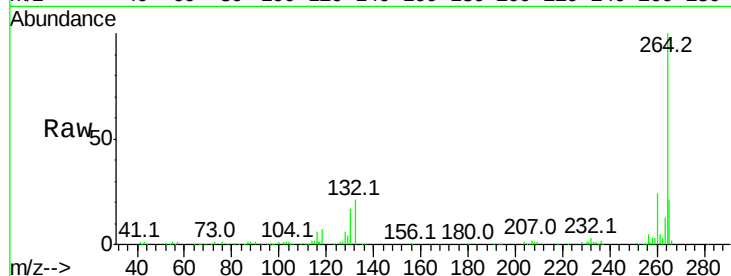




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099810.D
 Acq: 25 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	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

