

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099045.D
 Acq On : 3 Oct 2017 22:12
 Operator : SJ/JU
 Sample : I5531-09RE 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 00:41:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

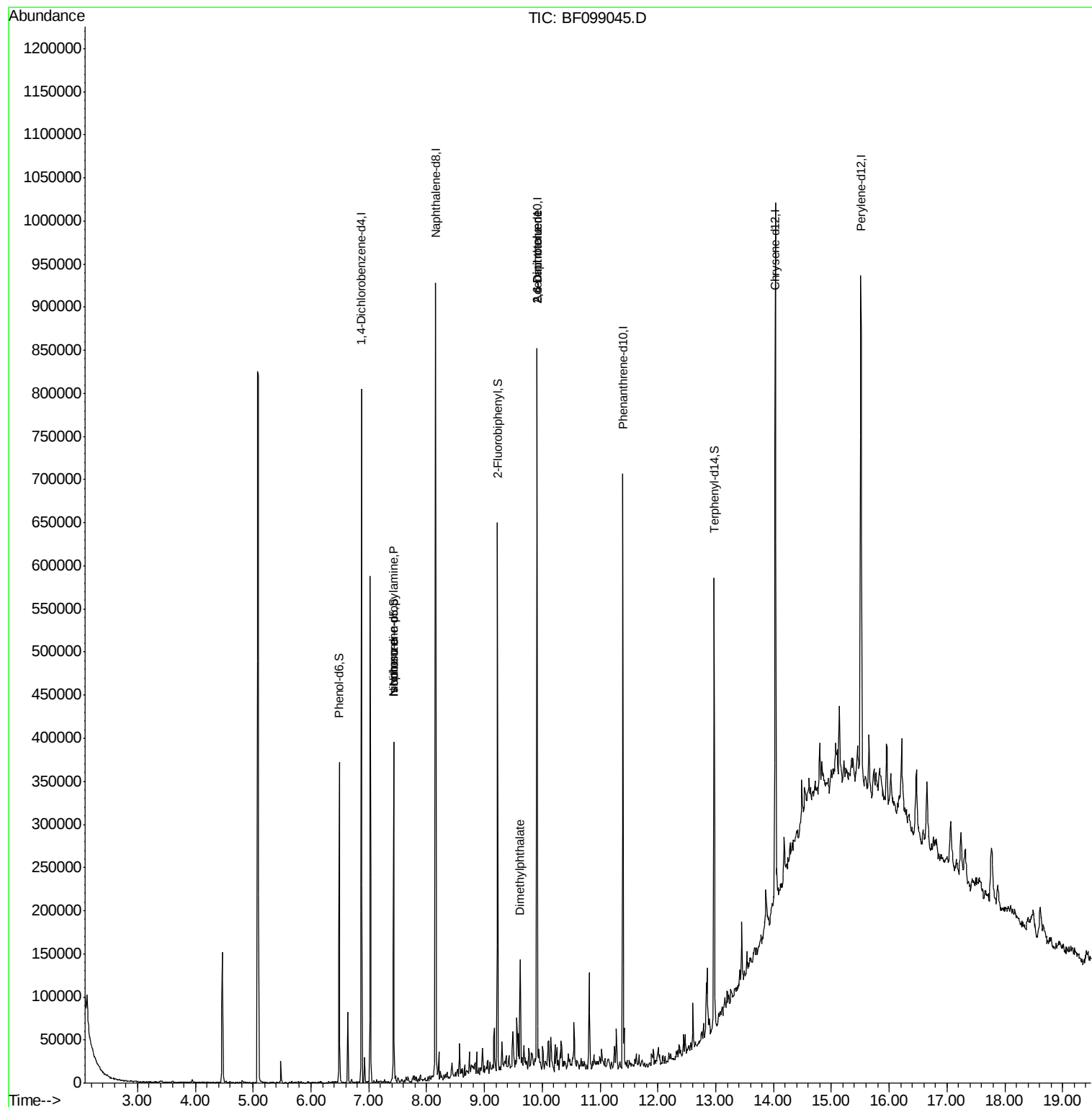
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	118296	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	428836	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	151070	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	228428	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	243291	20.00	ng	-0.05
86) Perylene-d12	15.51	264	241940	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	7246	0.98	ng	-0.06
7) Phenol-d6	6.49	99	108385	11.82	ng	-0.06
23) Nitrobenzene-d5	7.43	82	112450	16.82	ng	-0.06
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.23	172	190065	21.00	ng	-0.05
78) Terphenyl-d14	12.97	244	138486	12.95	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	14290	2.44	ng	# 80
25) Isophorone	7.43	82	109758	7.94	ng	# 64
49) Dimethylphthalate	9.62	163	25942	2.28	ng	# 98
50) 2,6-Dinitrotoluene	9.91	165	19478	7.85	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	19478	6.05	ng	# 22

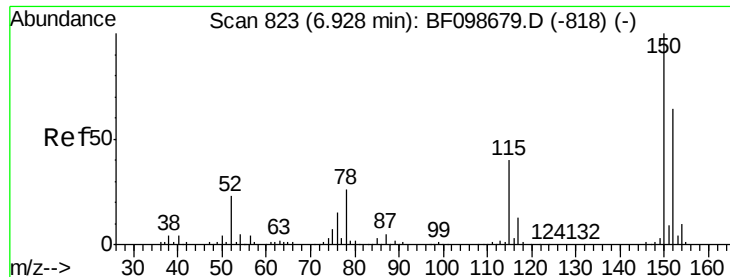
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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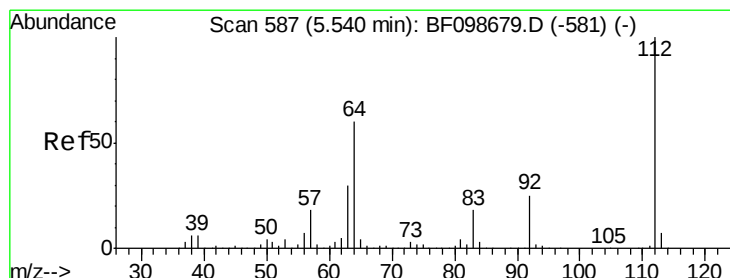
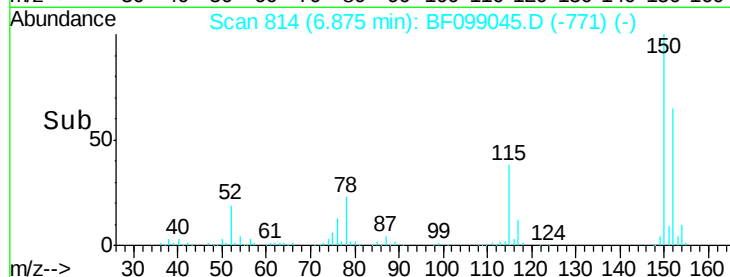
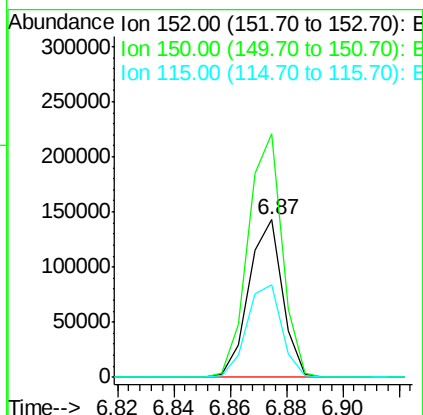
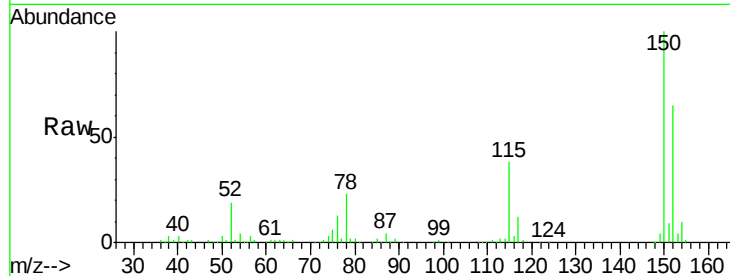


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

Instrument :
 BNA_F
 ClientSampled :

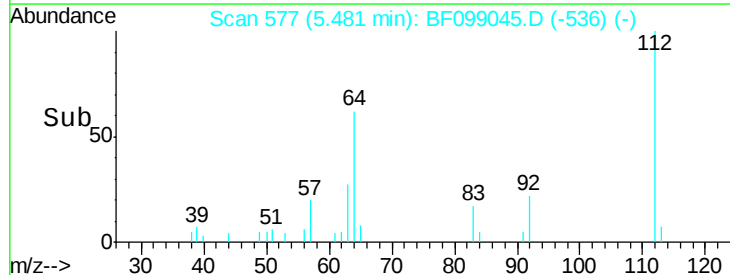
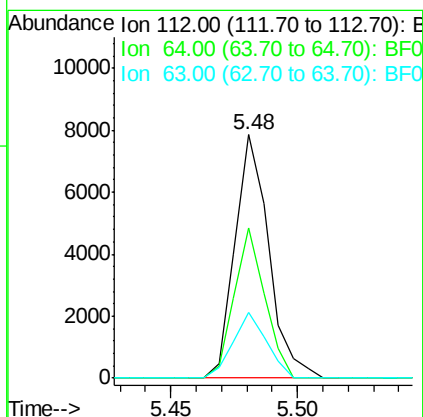
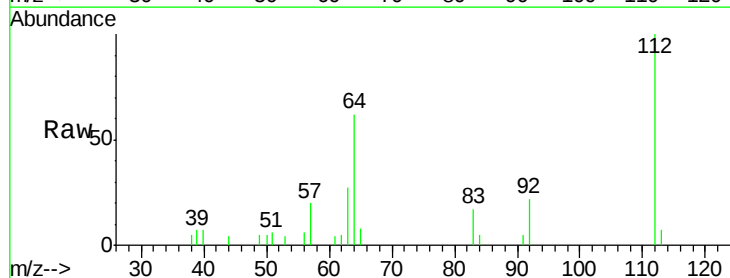
Tot Ion:152 Resp: 118296
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.6 186.8
 115 58.6 50.1 75.1

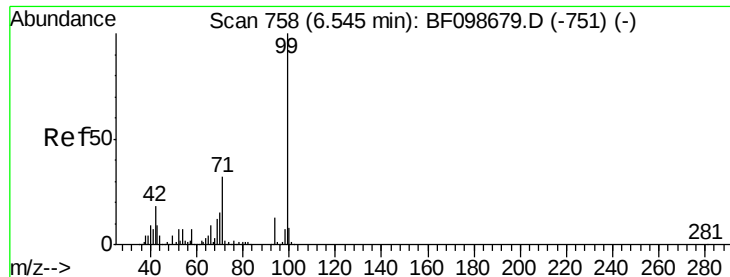


#5

2-Fluorophenol
 Concen: 0.98 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.06 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

Tgt Ion:112 Resp: 7246
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.9 71.9
 63 26.9 23.7 35.5





#7

Phenol-d6

Concen: 11.82 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099045.D

Acq: 3 Oct 2017 22:12

Instrument :

BNA_F

ClientSampleId :

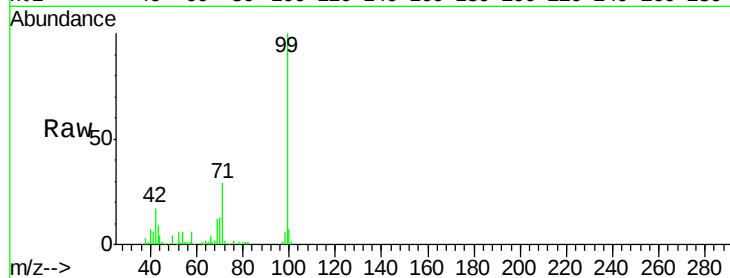
Tot Ion: 99 Resp: 108385

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

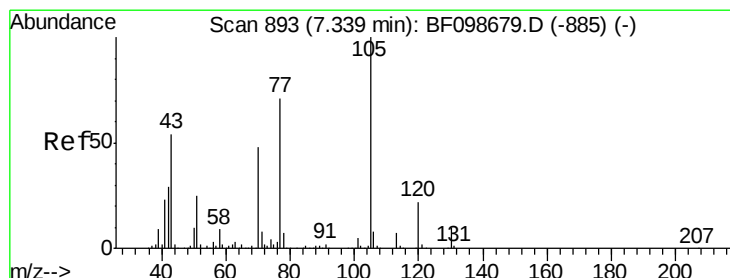
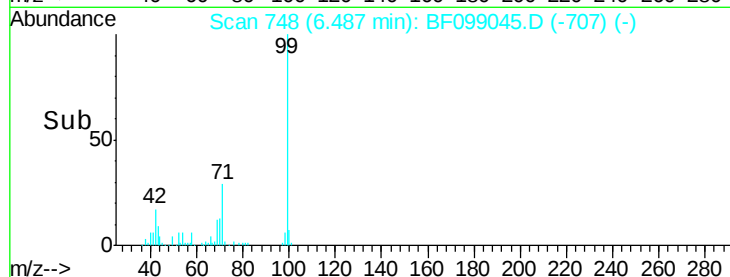
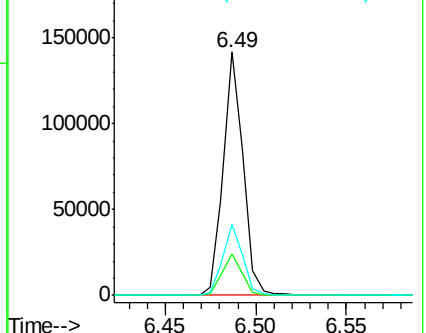
71 29.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.44 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.09 min

Lab File: BF099045.D

Acq: 3 Oct 2017 22:12

Tgt Ion: 70 Resp: 14290

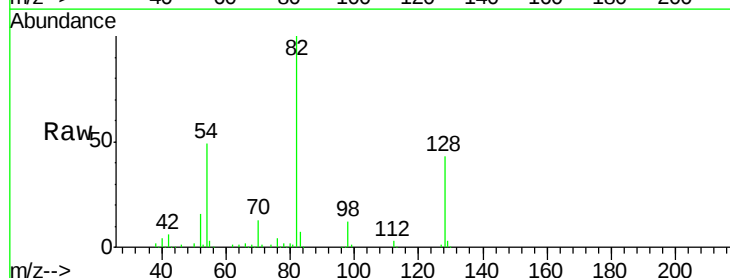
Ion Ratio Lower Upper

70 100

42 49.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

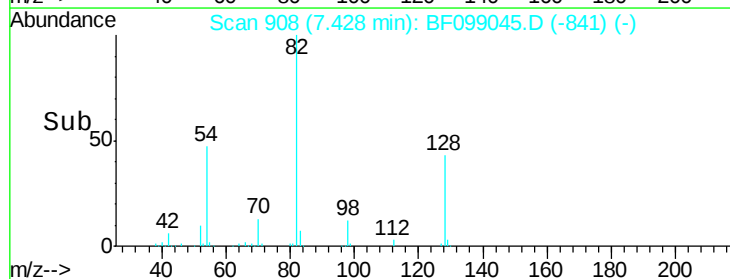
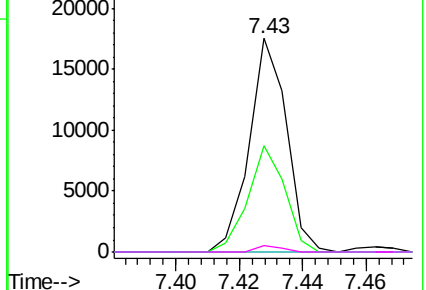


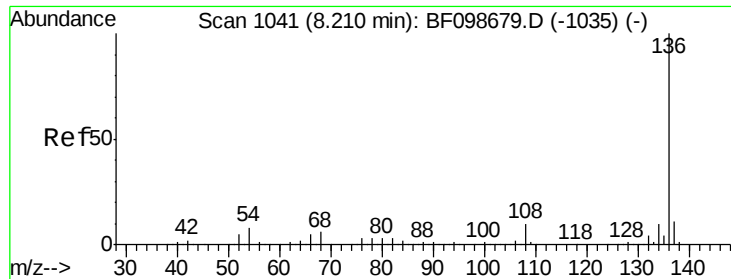
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

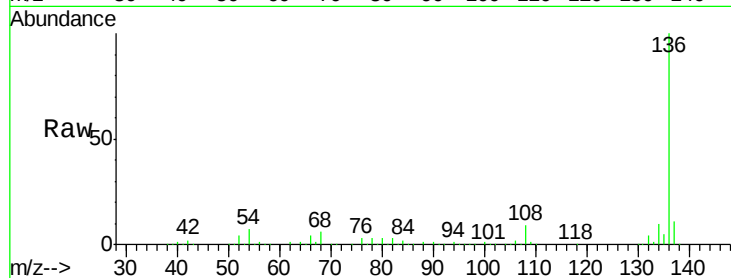




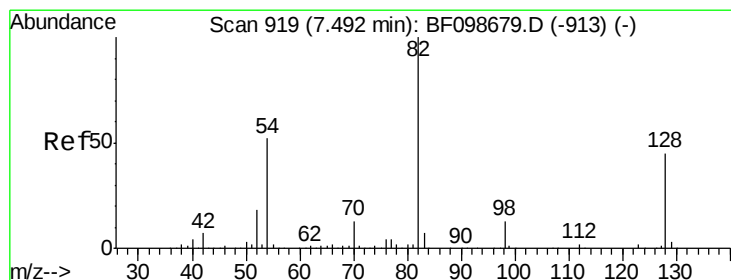
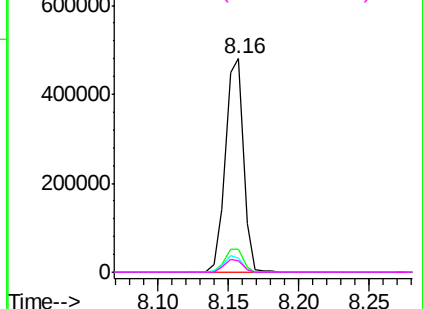
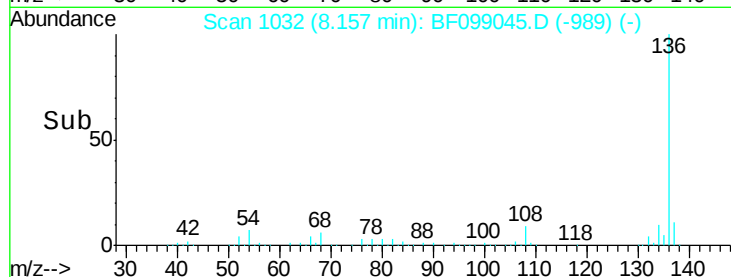
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099045.D
Acq: 3 Oct 2017 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	428836
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.8	6.6 9.8
68	5.5	5.0 7.4

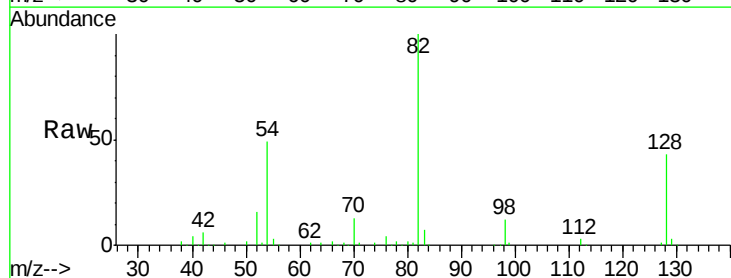


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

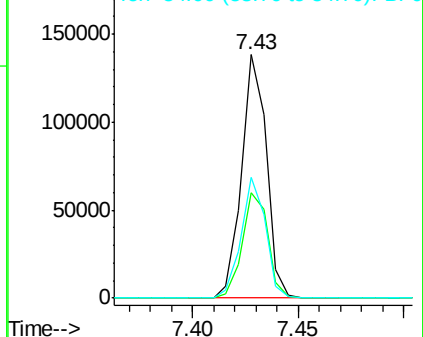
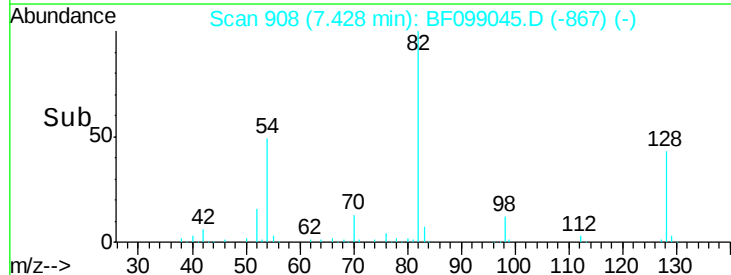


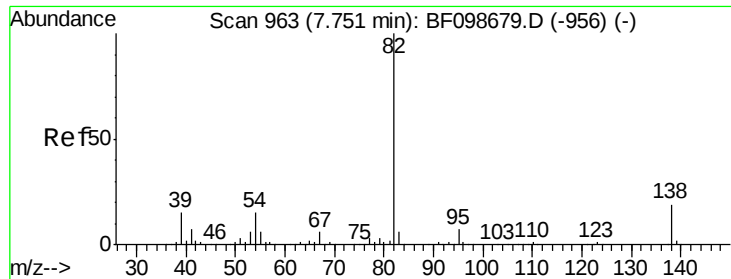
#23
Nitrobenzene-d5
Concen: 16.82 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099045.D
Acq: 3 Oct 2017 22:12

Tgt Ion: 82	Resp:	112450
Ion Ratio	Lower	Upper
82	100	
128	43.5	36.1 54.1
54	49.3	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

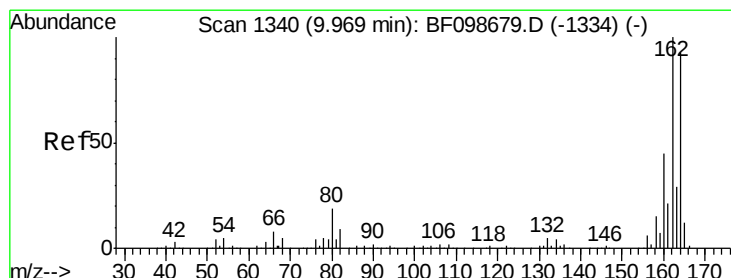
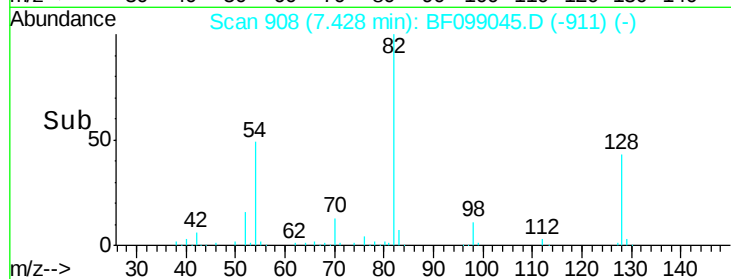
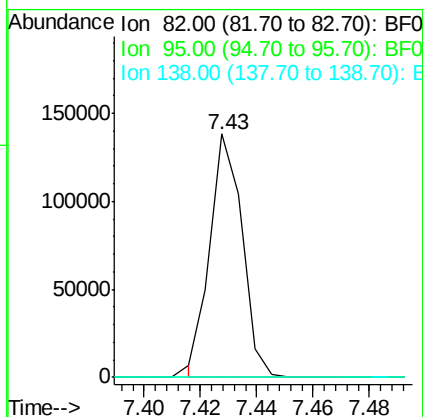
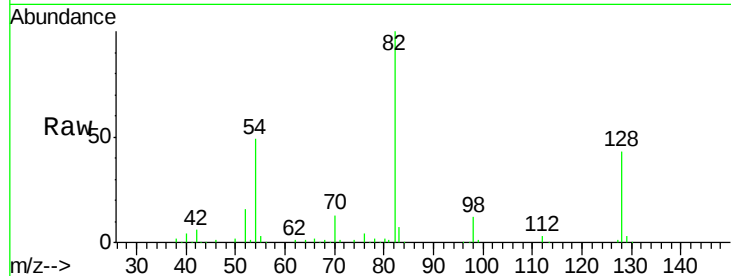




#25
Isophorone
Concen: 7.94 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.32 min
Lab File: BF099045.D
Acq: 3 Oct 2017 22:12

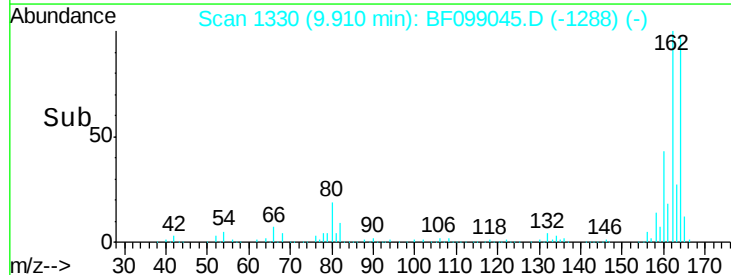
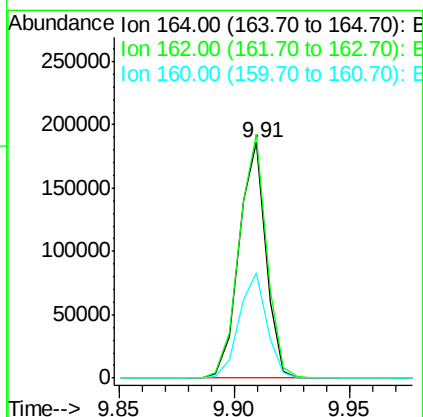
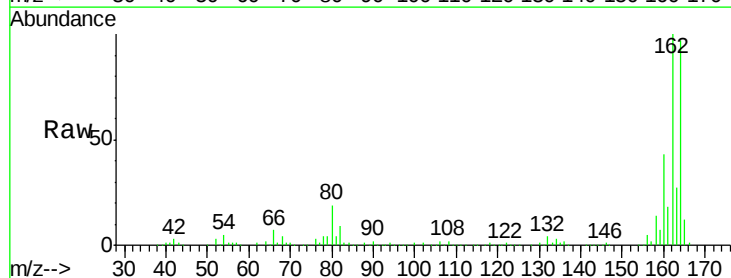
Instrument :
BNA_F
ClientSampleId :

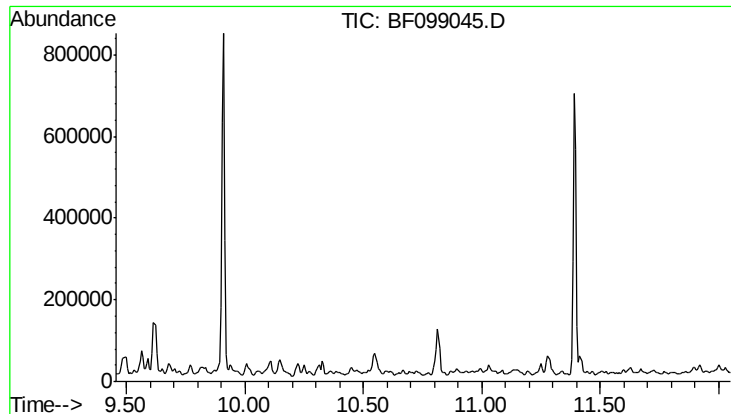
Tot Ion: 82 Resp: 109758
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.05 min
Lab File: BF099045.D
Acq: 3 Oct 2017 22:12

Tgt Ion:164 Resp: 151070
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 44.7 38.3 57.5

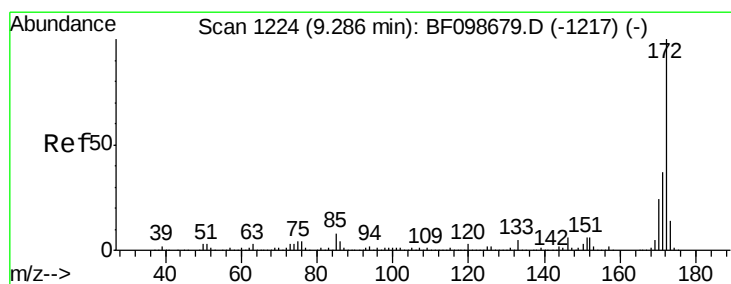
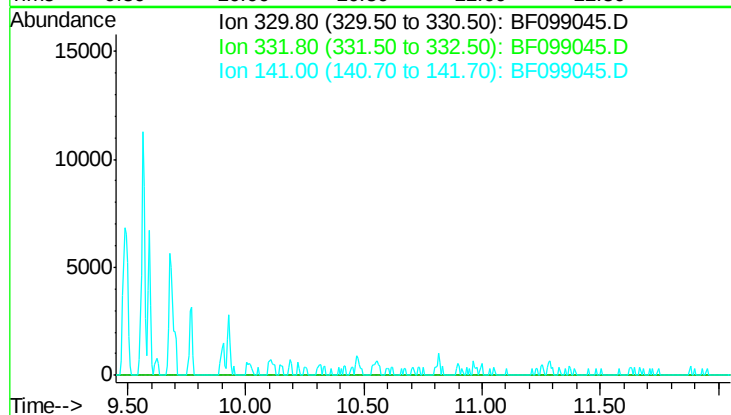




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.75 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

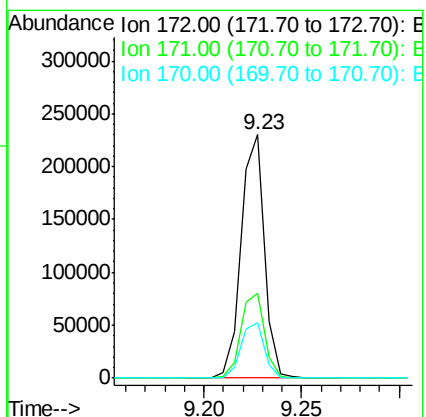
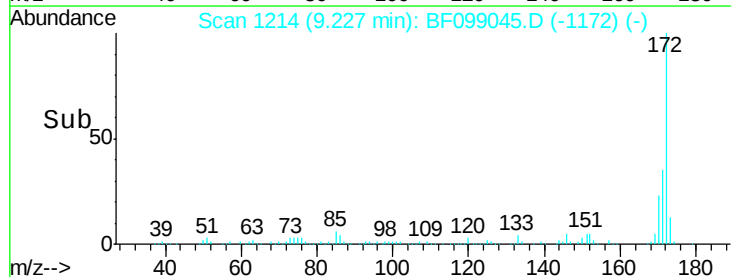
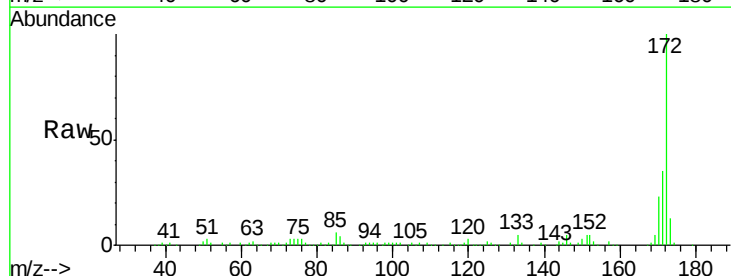
Instrument :
 BNA_F
 ClientSampleId :

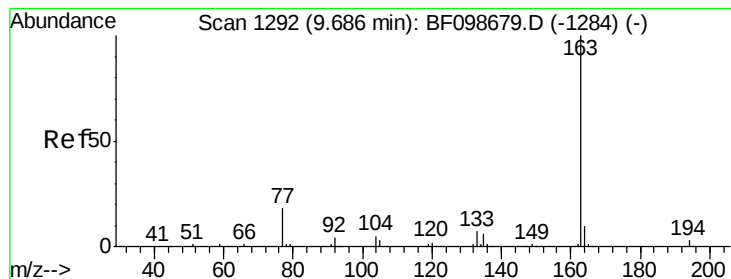
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 21.00 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

Tgt Ion: 172 Resp: 190065
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 22.7 19.6 29.4





#49

Dimethylphthalate

Concen: 2.28 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.06 min

Lab File: BF099045.D

Acq: 3 Oct 2017 22:12

Instrument :

BNA_F

ClientSampleId :

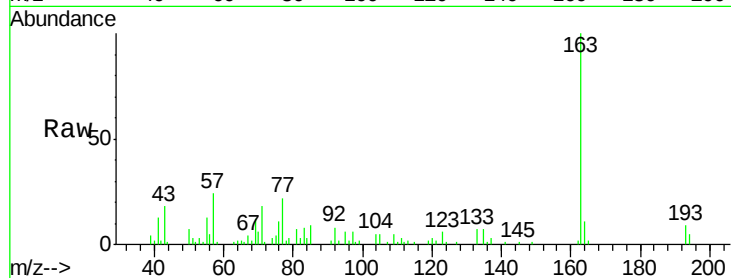
Tot Ion:163 Resp: 25942

Ion Ratio Lower Upper

163 100

194 4.9 2.7 4.1#

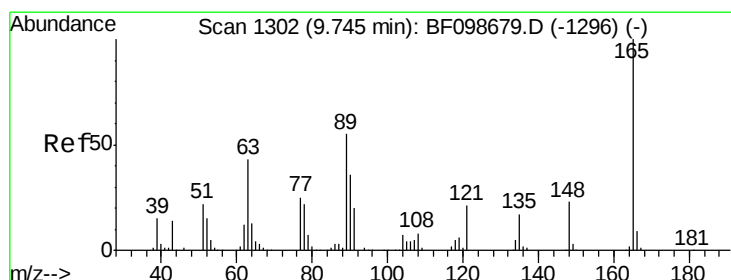
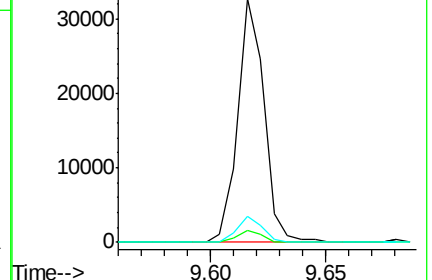
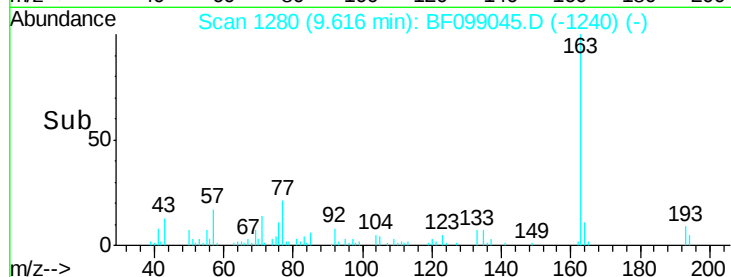
164 10.8 8.2 12.2



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: 7.85 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.17 min

Lab File: BF099045.D

Acq: 3 Oct 2017 22:12

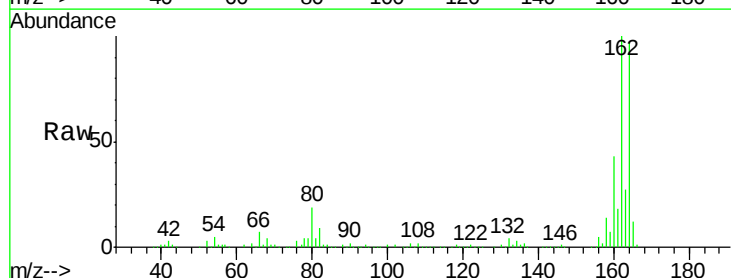
Tgt Ion:165 Resp: 19478

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

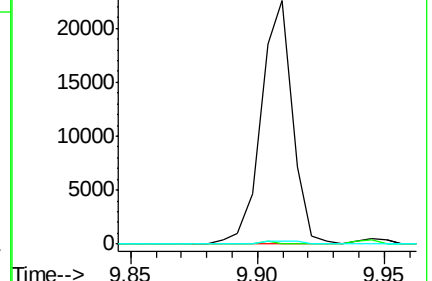
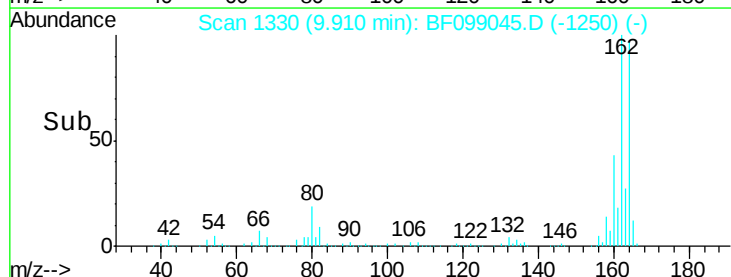
89 1.4 44.0 66.0#

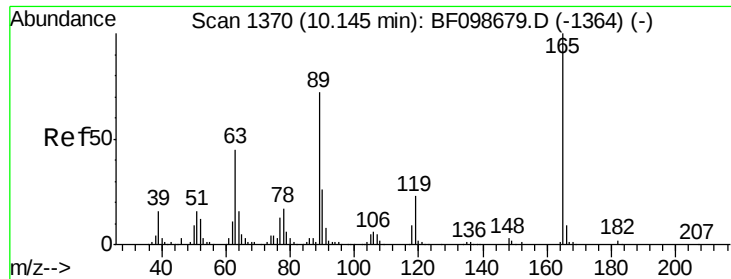


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

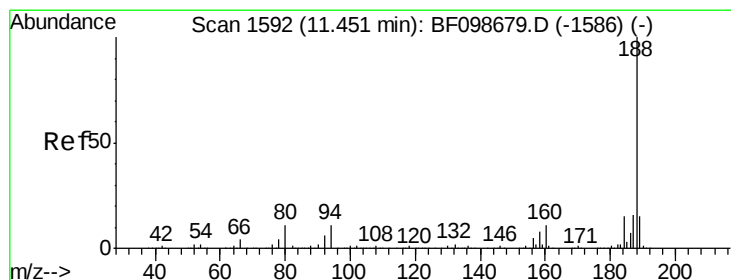
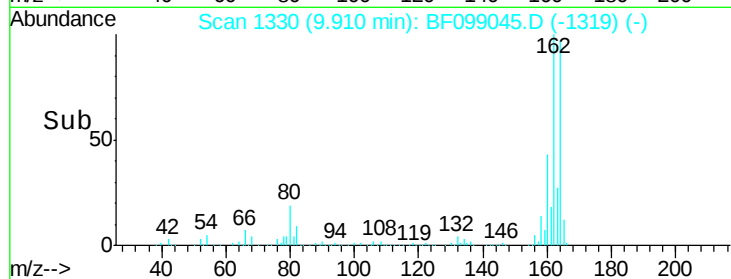
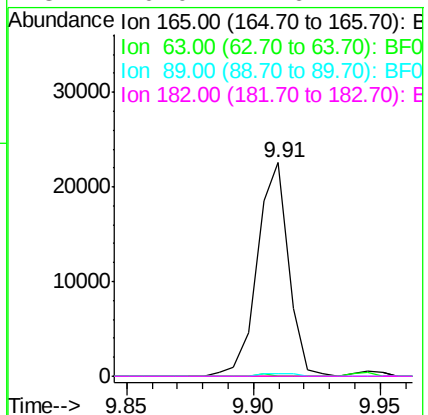
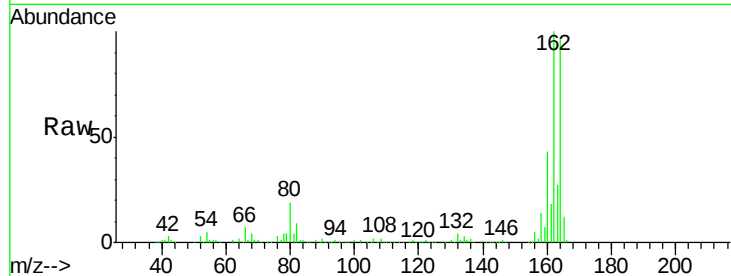




#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.24 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

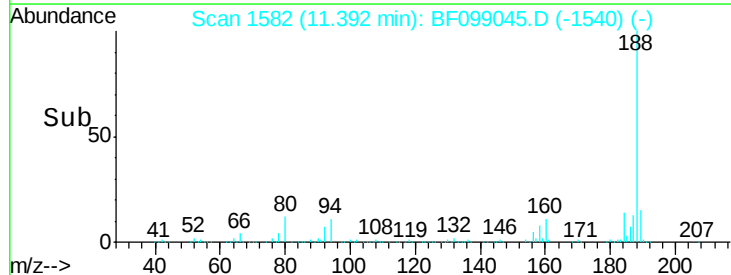
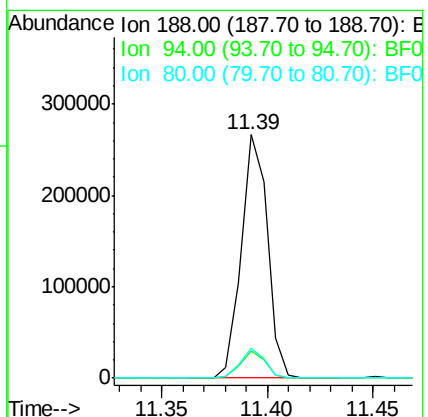
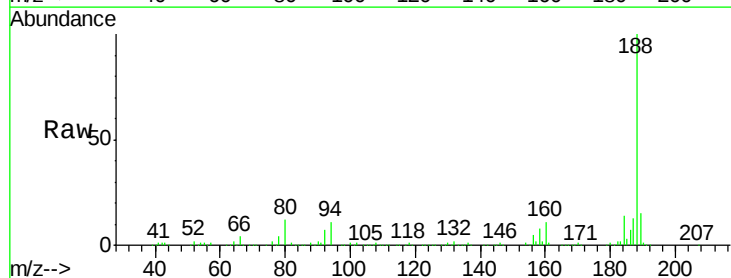
Instrument :
 BNA_F
 ClientSampleId :

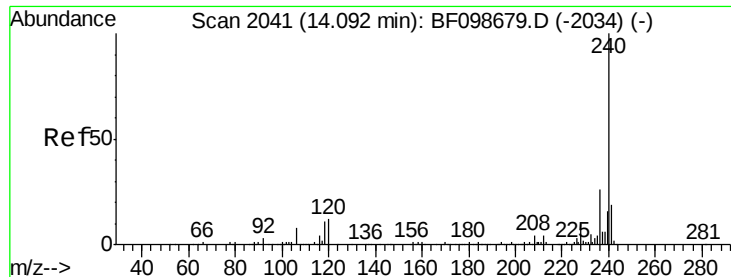
Tot Ion:165 Resp: 19478
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

Tgt Ion:188 Resp: 228428
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.2 9.2 13.8





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099045.D

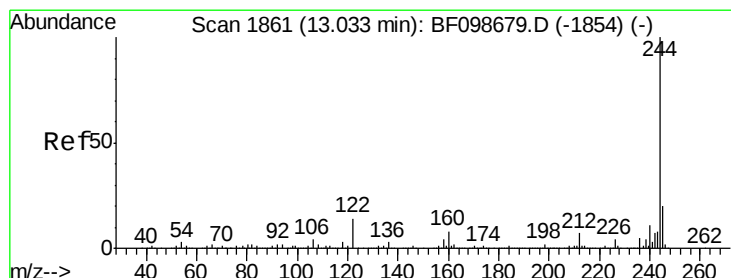
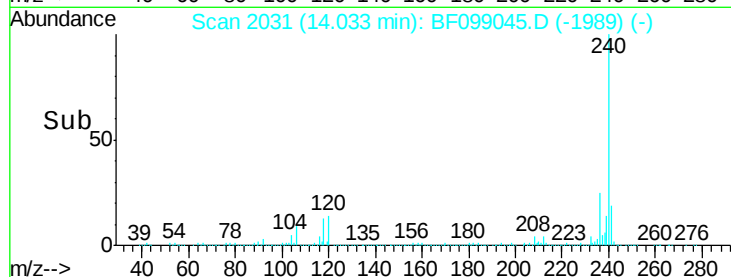
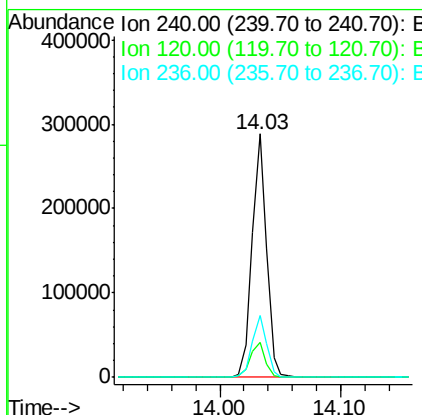
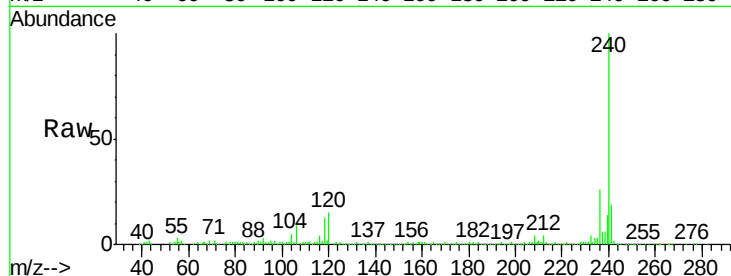
Acq: 3 Oct 2017 22:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	25.6	20.7	31.1



#78

Terphenyl-d14

Concen: 12.95 ng

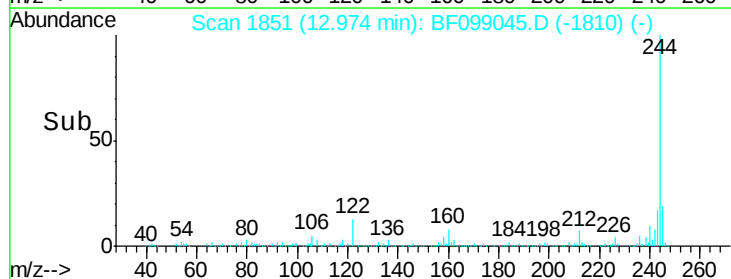
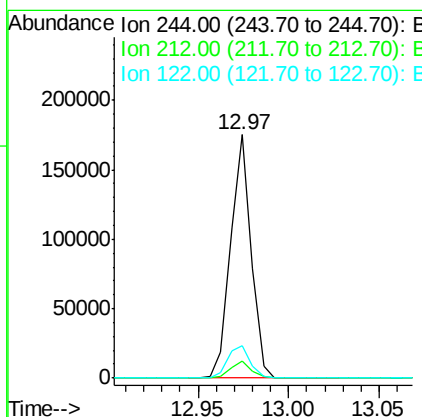
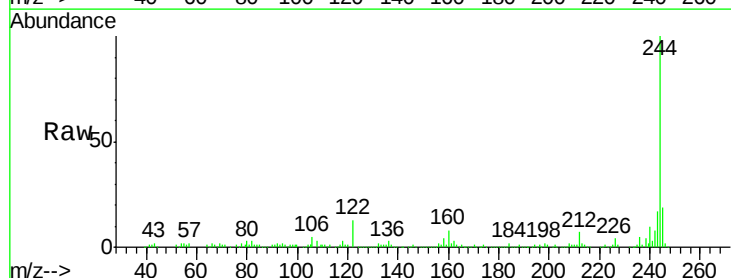
RT: 12.97 min Scan# 1851

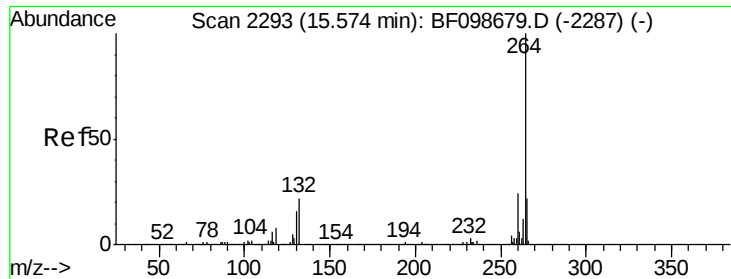
Delta R.T. -0.06 min

Lab File: BF099045.D

Acq: 3 Oct 2017 22:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.5	11.0	16.4

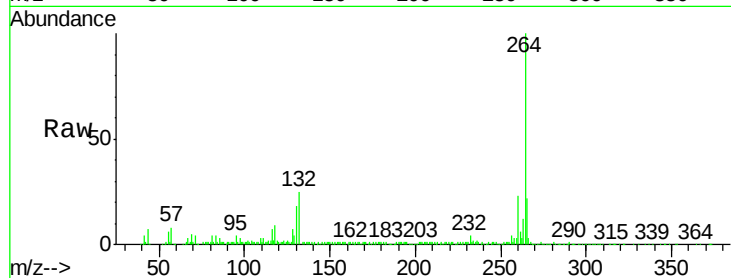




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF099045.D
 Acq: 3 Oct 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.7	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

