

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099115.D
 Acq On : 5 Oct 2017 20:45
 Operator : SJ/JU
 Sample : I5604-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Quant Time: Oct 06 02:12:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

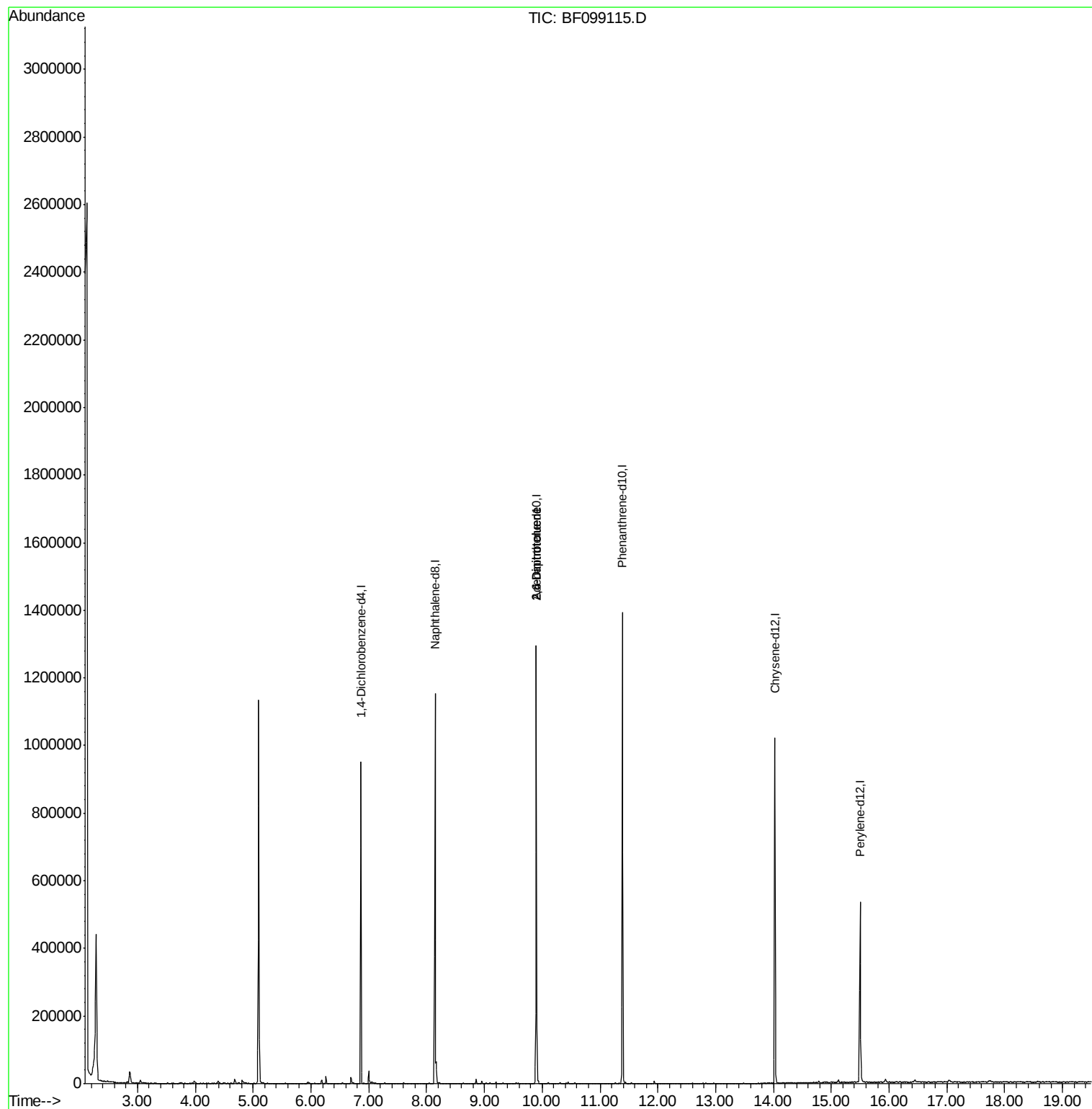
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132732	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	551243	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	250801	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	451018	20.00	ng	0.00
75) Chrysene-d12	14.03	240	346758	20.00	ng	0.00
86) Perylene-d12	15.50	264	241142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.26	99	121	0.01	ng	-0.24
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.22	172	361	0.02	ng	-0.01
78) Terphenyl-d14	12.96	244	1142	0.07	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.90	165	31715	7.696	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	31715	5.930	ng	# 23

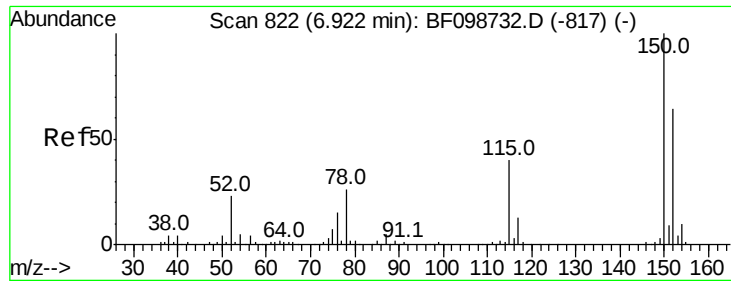
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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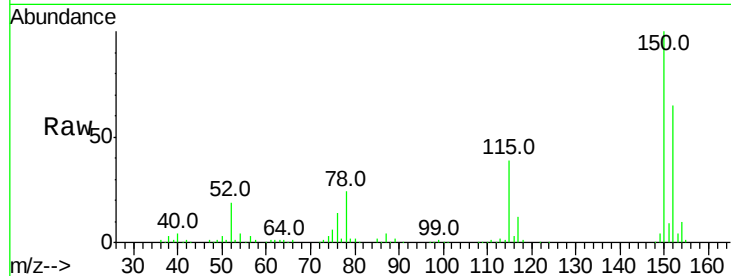


#1

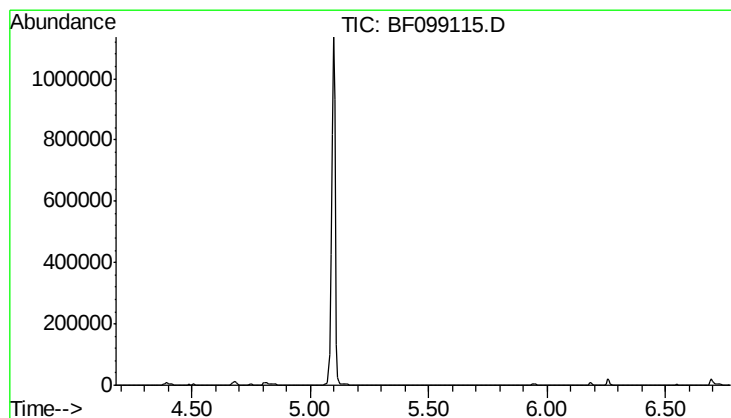
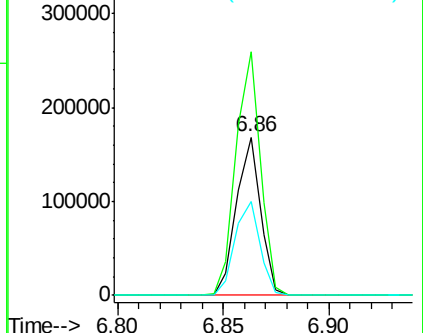
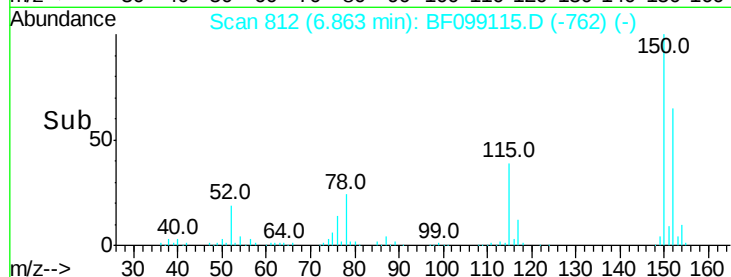
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

Tot Ion:152 Resp: 132732
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 59.5 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

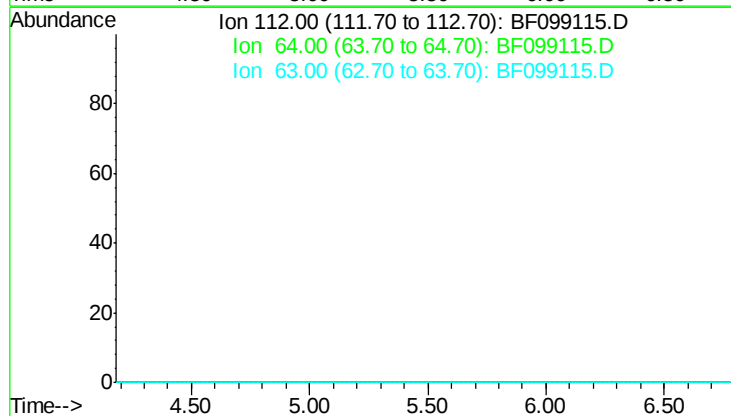


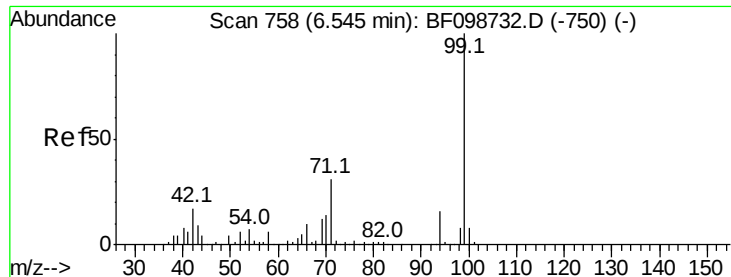
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.48 min

Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6





#7

Phenol-d6

Concen: 0.012 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.24 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampleId :

SP-A-100217MSD

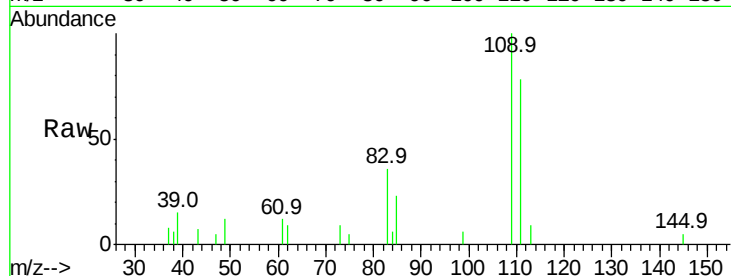
Tot Ion: 99 Resp: 121

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

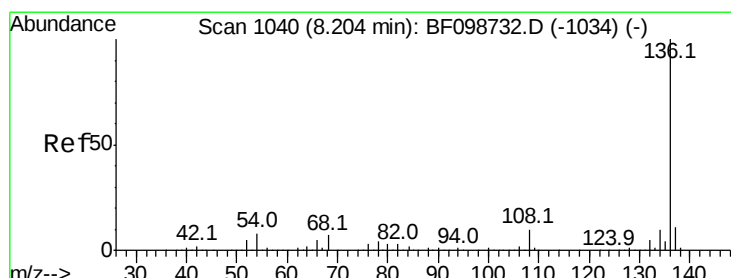
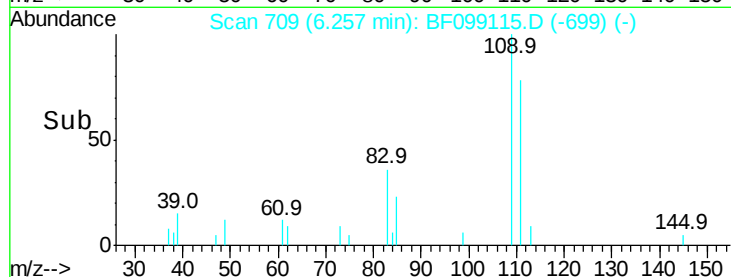
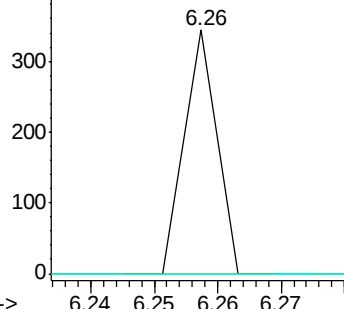
71 0.0 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Tgt Ion: 136 Resp: 551243

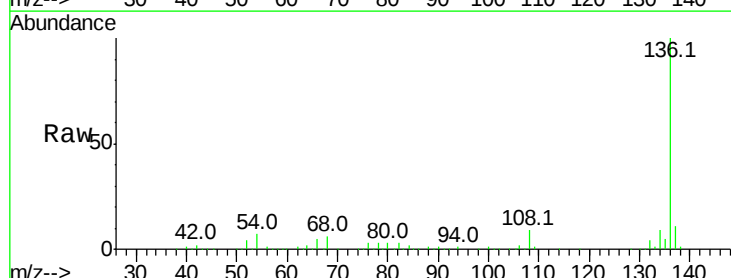
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4

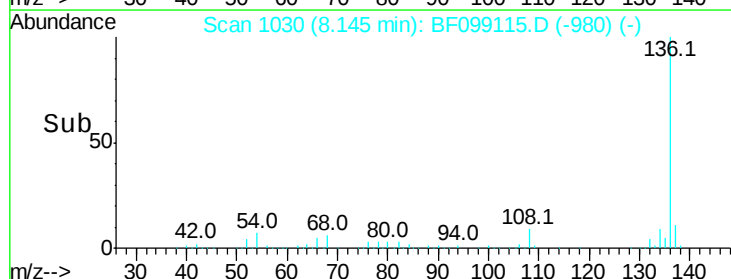
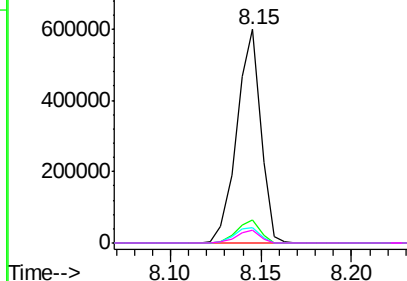


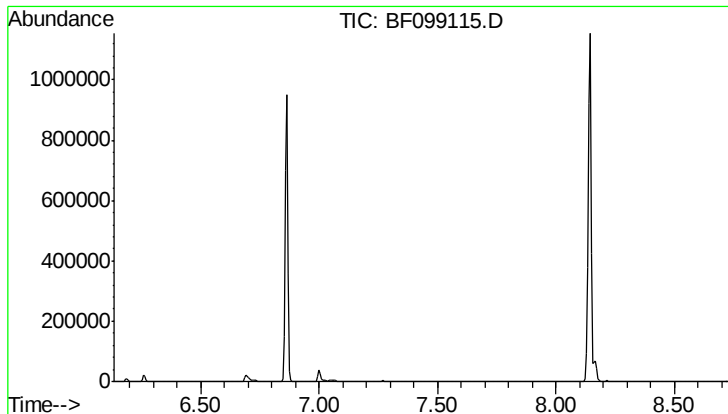
Abundance Ion 136.00 (135.70 to 136.70): E

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

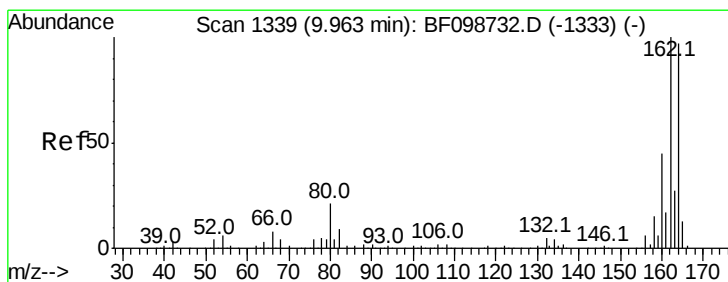
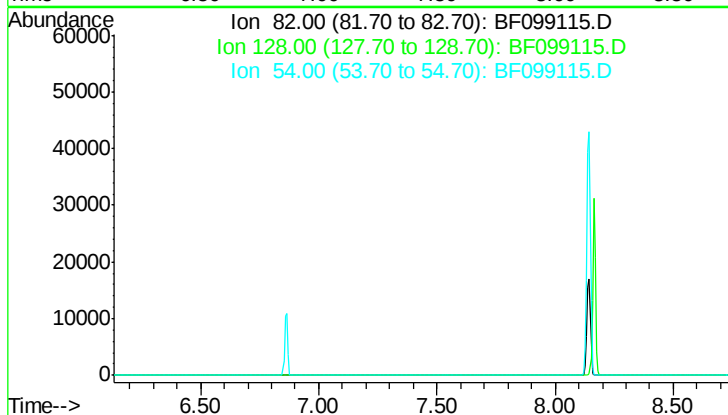




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.43 min
 Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

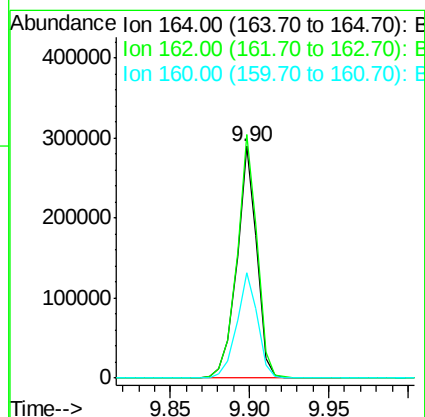
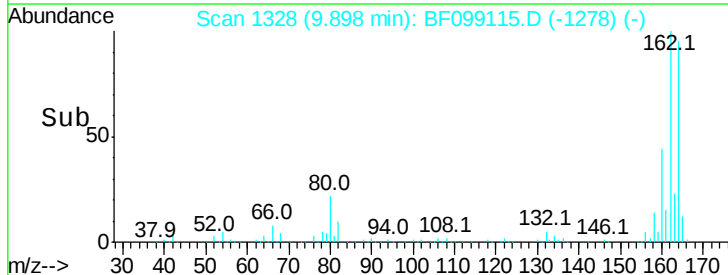
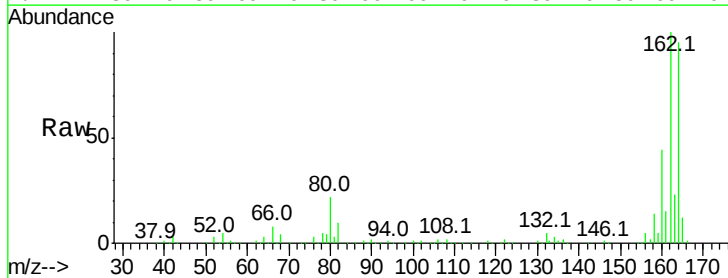
Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

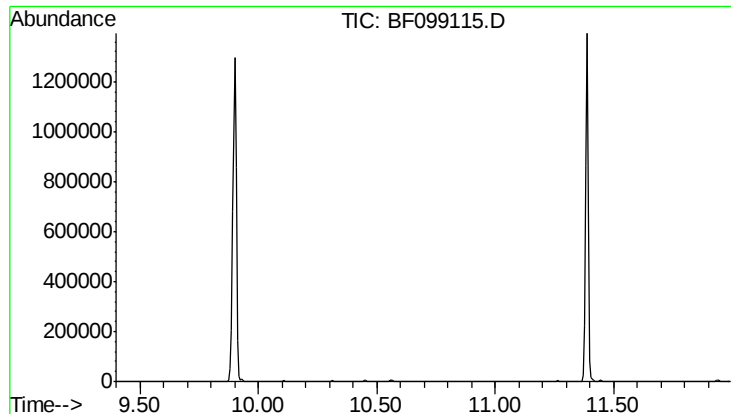
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.1
 54 51.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

Tgt Ion:164 Resp: 250801
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 45.8 38.3 57.5

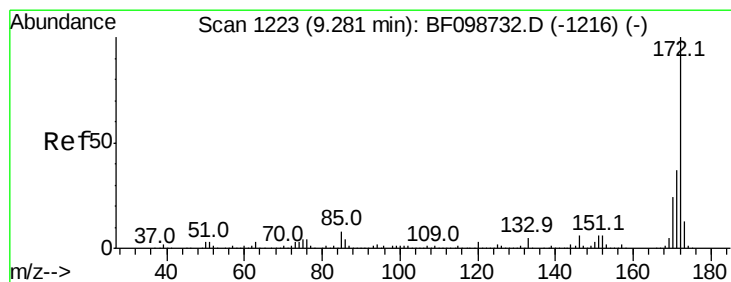
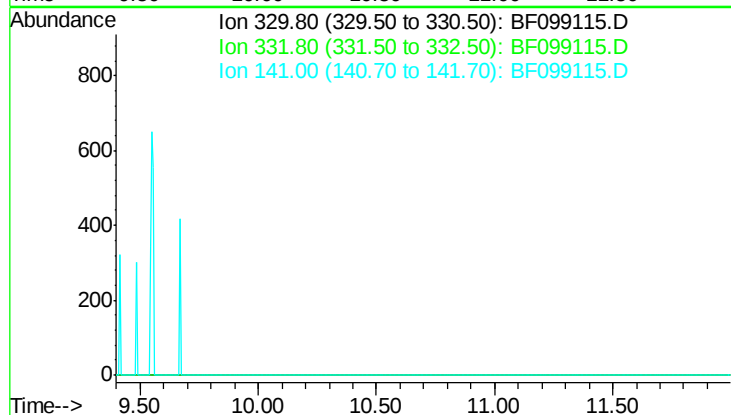




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.70 min
 Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

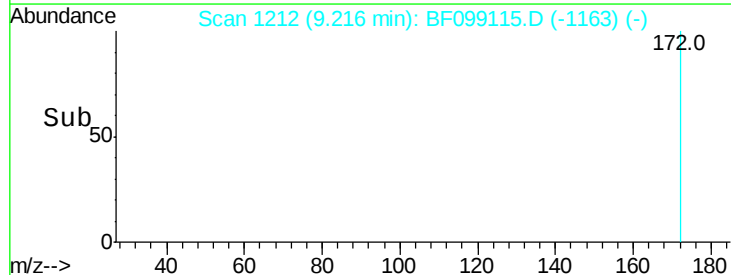
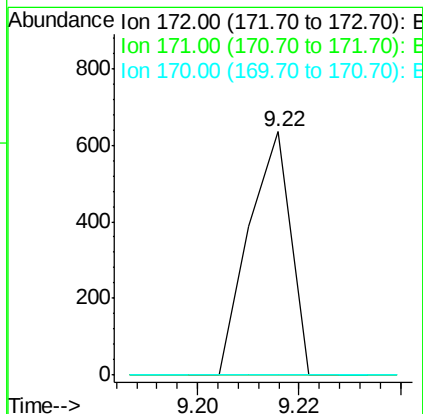
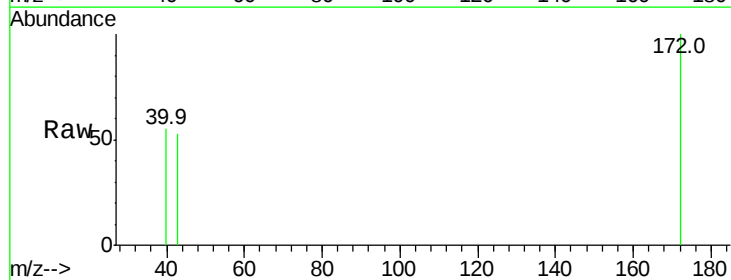
Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

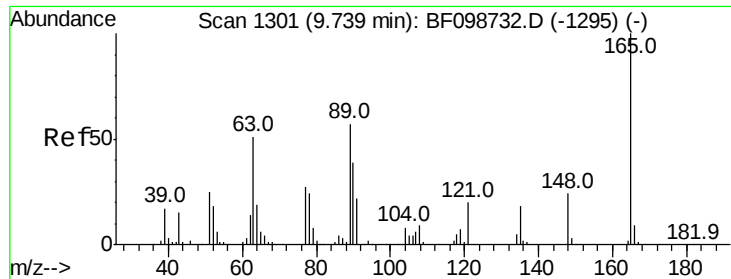
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 0.024 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

Tgt Ion: 172 Resp: 361
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.7 44.5#
 170 0.0 19.6 29.4#

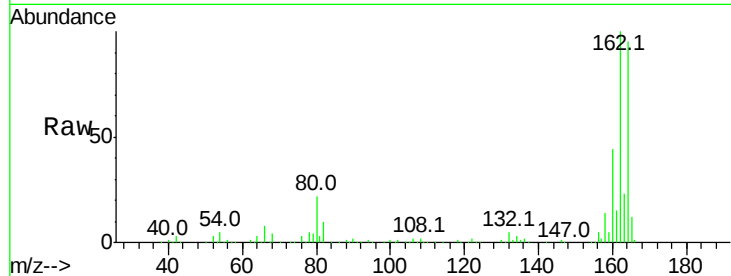




#50
 2,6-Dinitrotoluene
 Concen: 7.696 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217MSD

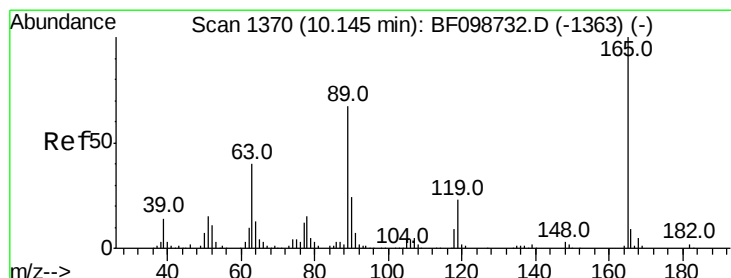
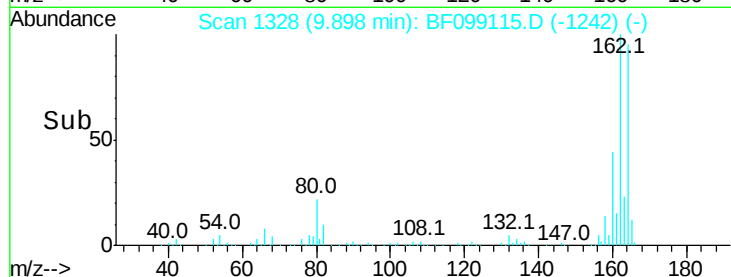
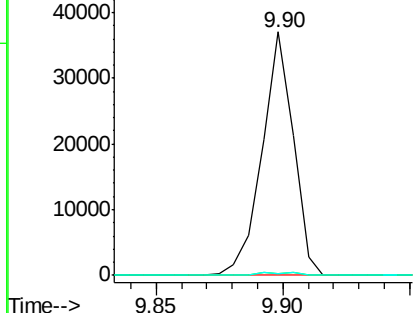
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	0.9	44.0	66.0#



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: 5.930 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

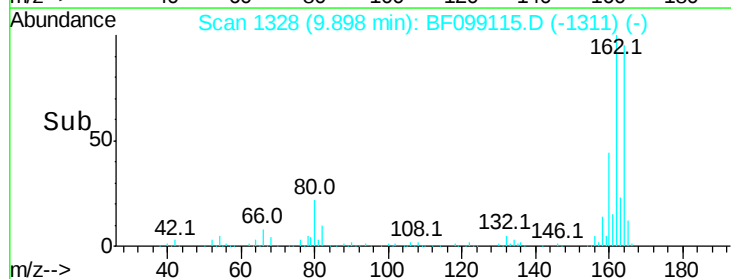
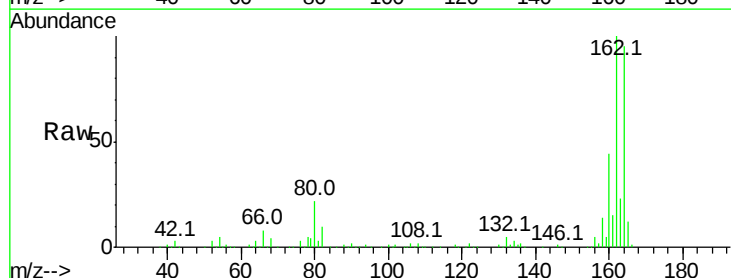
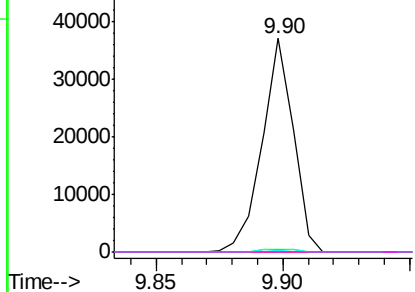
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#

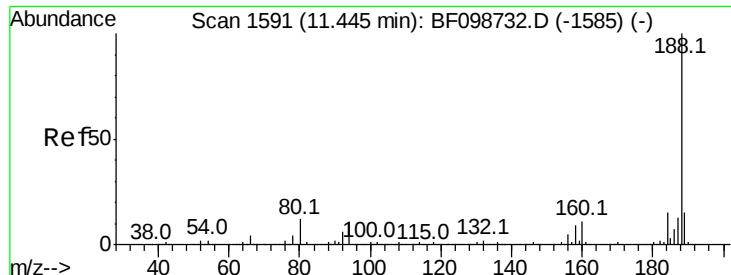
Abundance Ion 165.00 (164.70 to 165.70): E

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

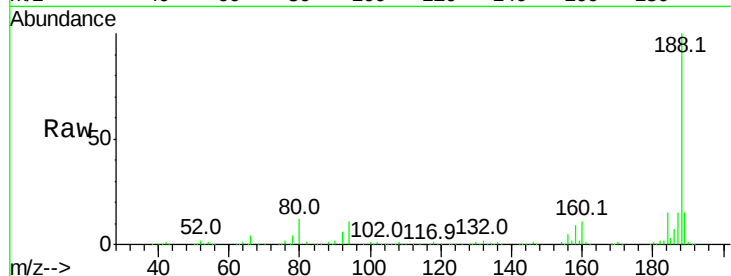




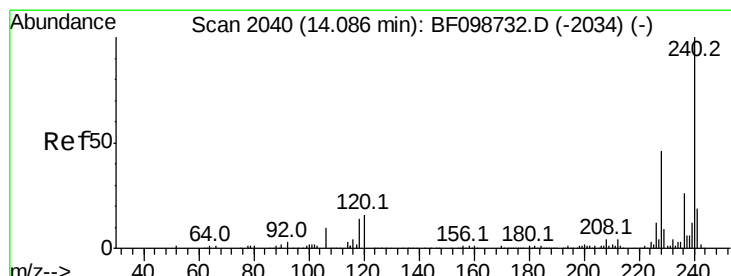
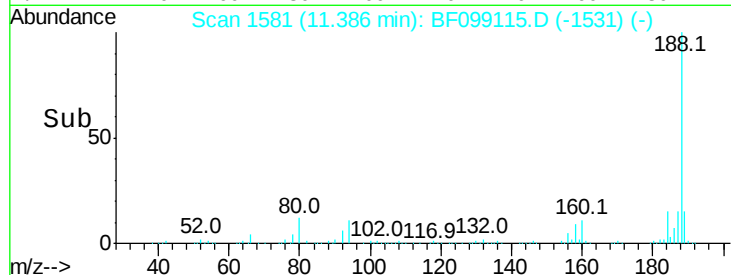
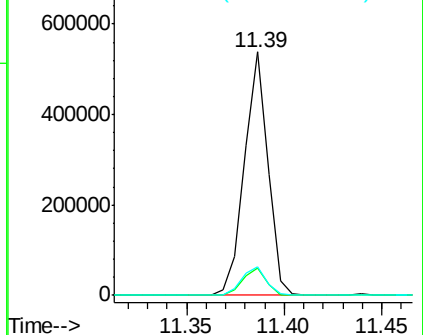
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
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ClientSampleId :
SP-A-100217MSD

Tot Ion:188 Resp: 451018
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.9 9.2 13.8

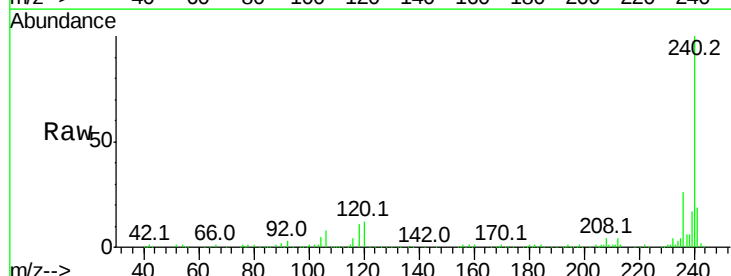


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

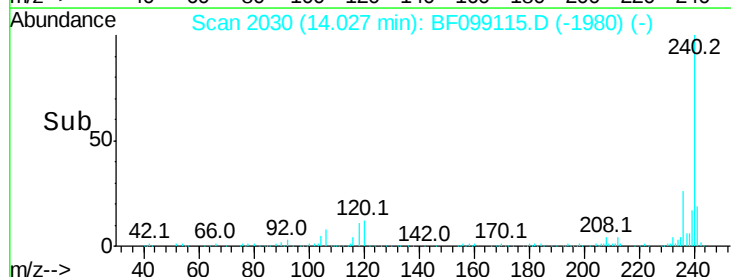
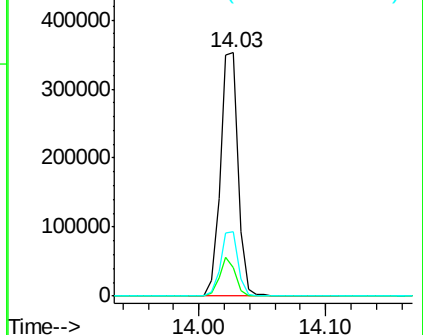


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:240 Resp: 346758
Ion Ratio Lower Upper
240 100
120 11.9 9.5 14.3
236 26.4 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: 0.075 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampleId :

SP-A-100217MSD

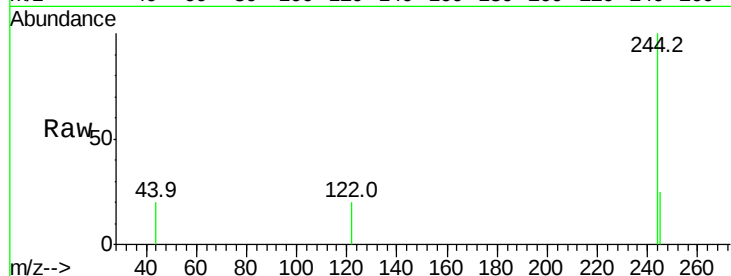
Tot Ion:244 Resp: 1142

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

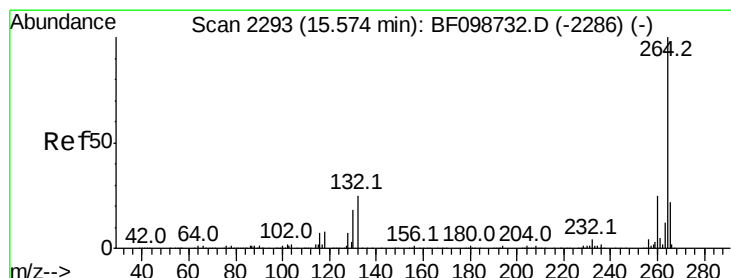
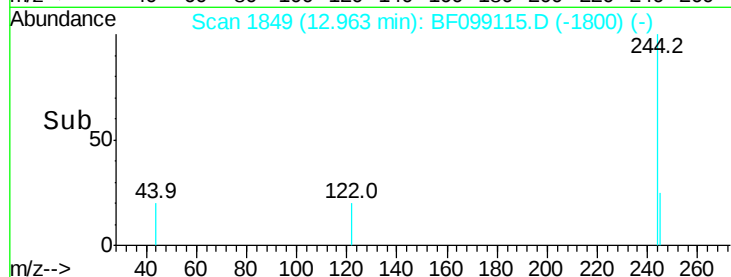
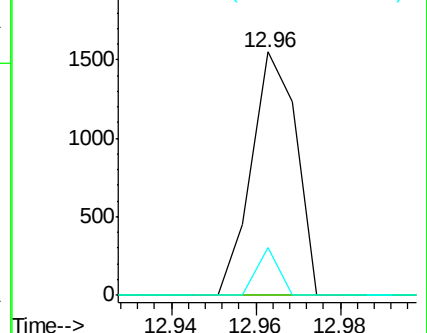
122 19.6 11.0 16.4#



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: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

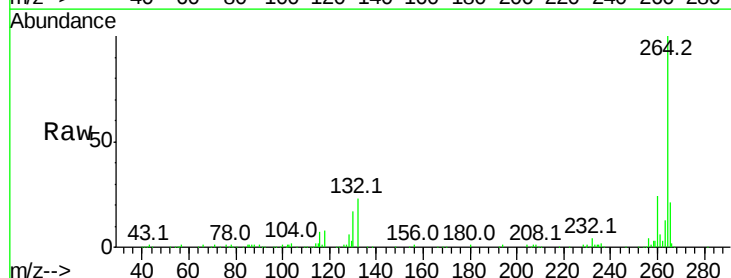
Tgt Ion:264 Resp: 241142

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.0 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

