

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095875.D
 Acq On : 12 Jun 2017 16:51
 Operator : SJ/MA
 Sample : PB99685BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:32:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

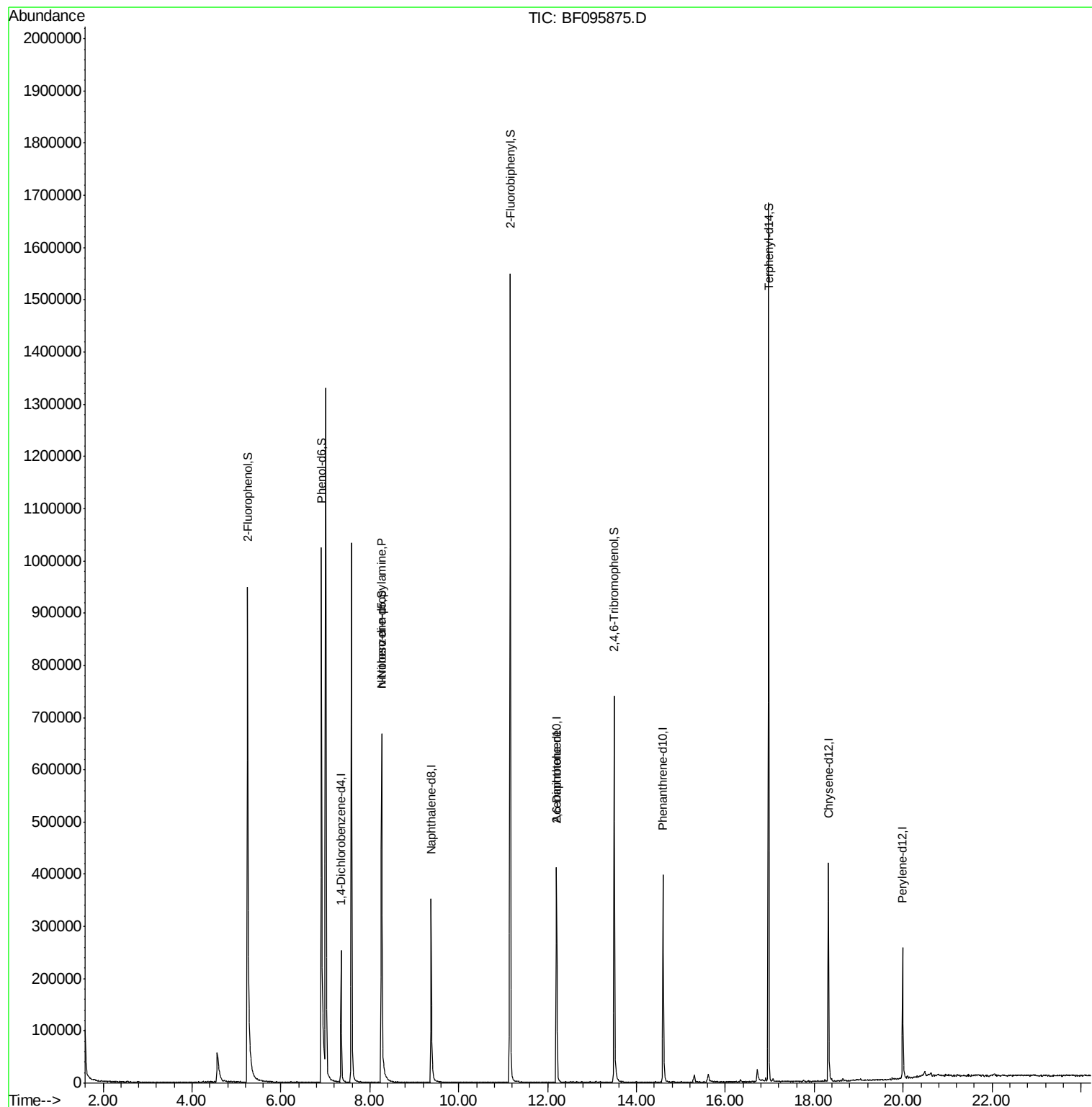
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	64918	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	265120	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	127992	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	247516	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	203977	20.00	ng	-0.04
86) Perylene-d12	19.99	264	129029	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	553718	135.91	ng	-0.04
7) Phenol-d6	6.91	99	666013	136.55	ng	-0.05
23) Nitrobenzene-d5	8.27	82	378343	88.63	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	130313	115.07	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	782484	85.07	ng	-0.05
78) Terphenyl-d14	16.97	244	718546	87.42	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.26	70	47015	15.21	ng	# 76
50) 2,6-Dinitrotoluene	12.20	165	16293	7.69	ng	# 31

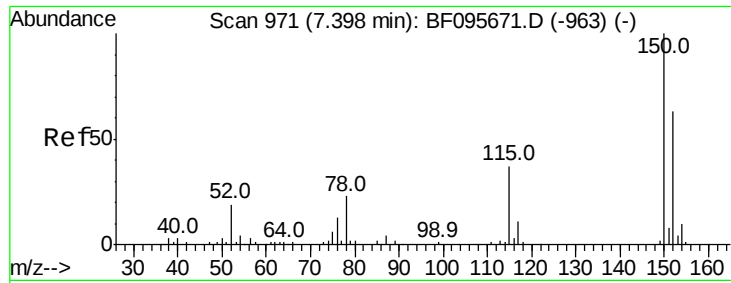
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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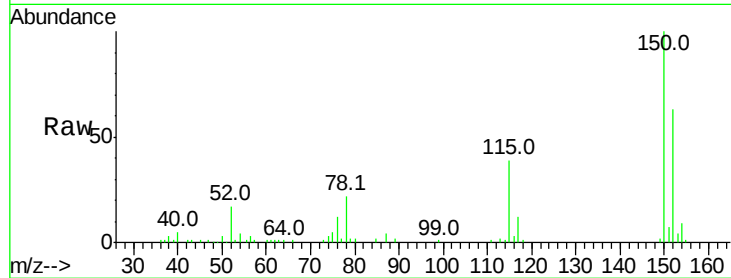


#1

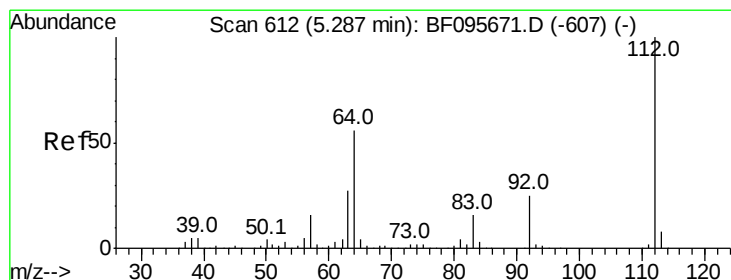
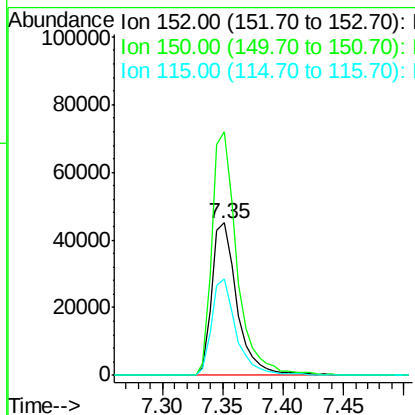
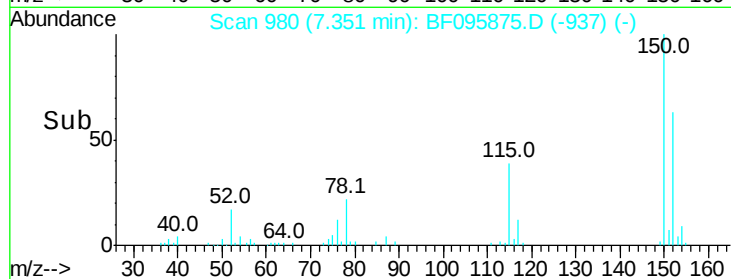
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 980
 Delta R.T. -0.05 min
 Lab File: BF095875.D
 Acq: 12 Jun 2017 16:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 64918
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.2 189.2
 115 63.1 52.2 78.2



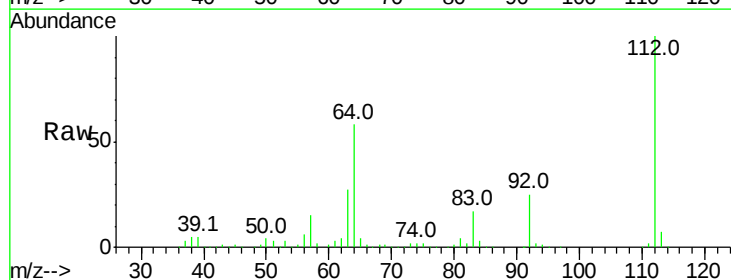
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



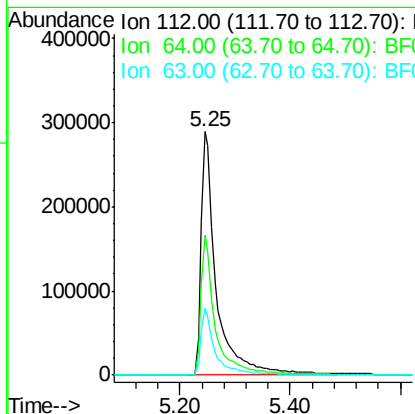
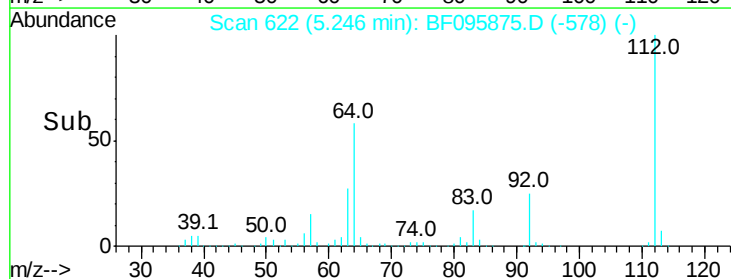
#5

2-Fluorophenol
 Concen: 135.91 ng
 RT: 5.25 min Scan# 622
 Delta R.T. -0.04 min
 Lab File: BF095875.D
 Acq: 12 Jun 2017 16:51

Tgt Ion:112 Resp: 553718
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.0 69.0
 63 27.3 23.4 35.0



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: 136.55 ng

RT: 6.91 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF095875.D

Acq: 12 Jun 2017 16:51

Instrument :

BNA_F

ClientSampled :

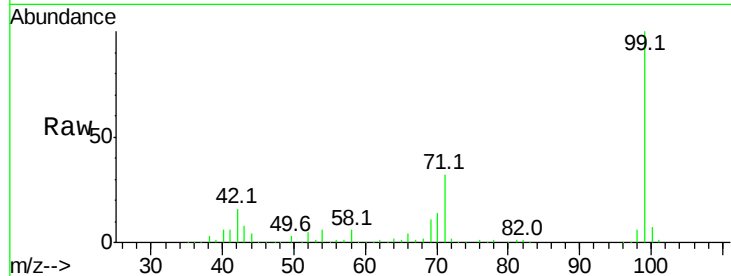
Tot Ion: 99 Resp: 666013

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

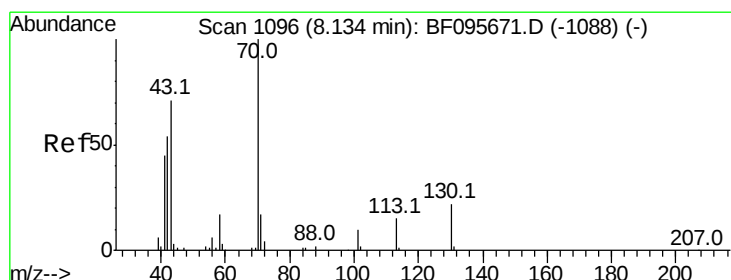
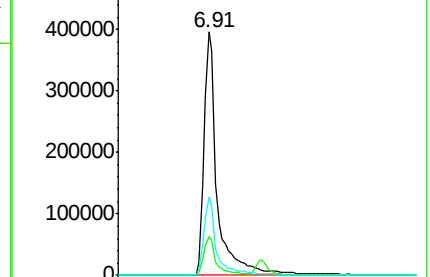
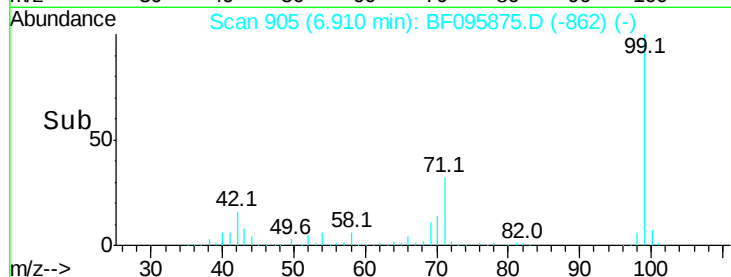
71 32.1 24.5 36.7



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: 15.21 ng

RT: 8.26 min Scan# 1135

Delta R.T. 0.13 min

Lab File: BF095875.D

Acq: 12 Jun 2017 16:51

Tgt Ion: 70 Resp: 47015

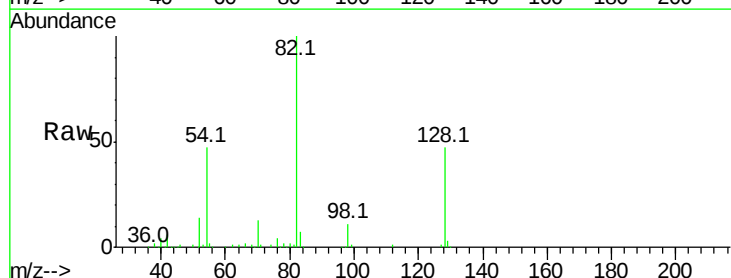
Ion Ratio Lower Upper

70 100

42 44.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#

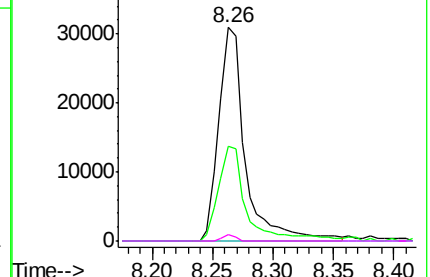
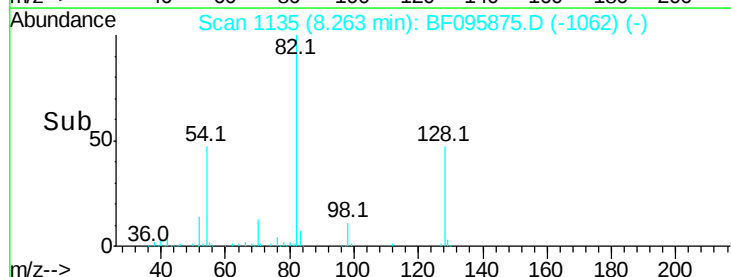


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095875.D

Acq: 12 Jun 2017 16:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 265120

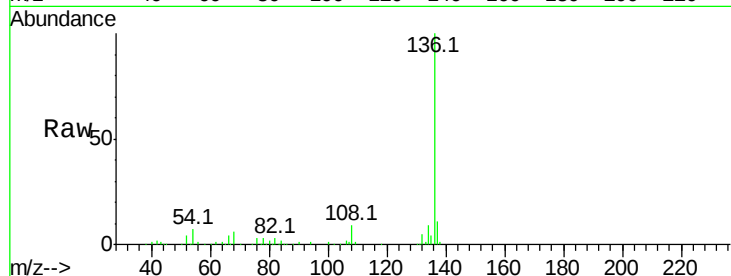
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.0 4.9 7.3

68 5.8 4.1 6.1

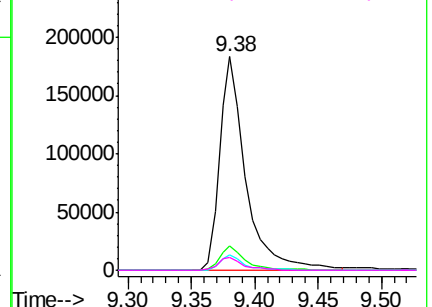
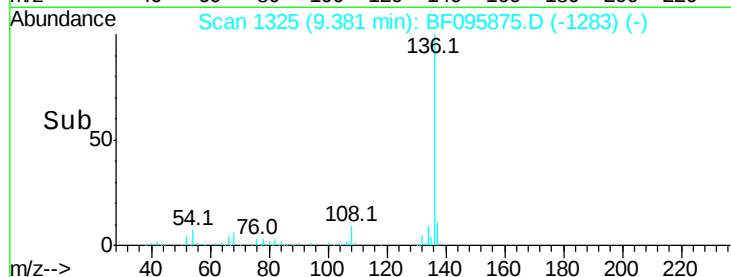


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.63 ng

RT: 8.27 min Scan# 1136

Delta R.T. -0.05 min

Lab File: BF095875.D

Acq: 12 Jun 2017 16:51

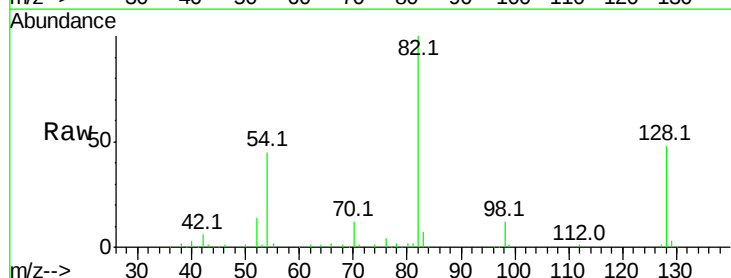
Tgt Ion: 82 Resp: 378343

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

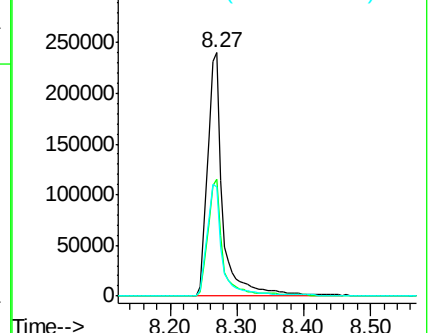
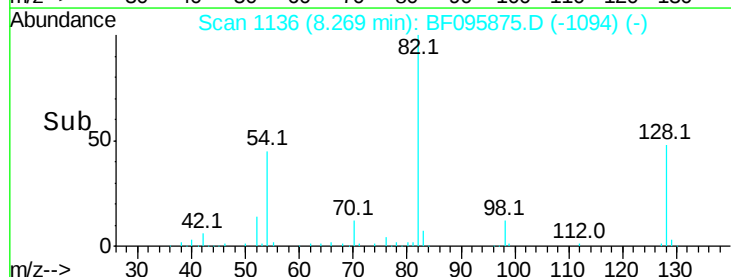
54 45.1 42.2 63.2



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

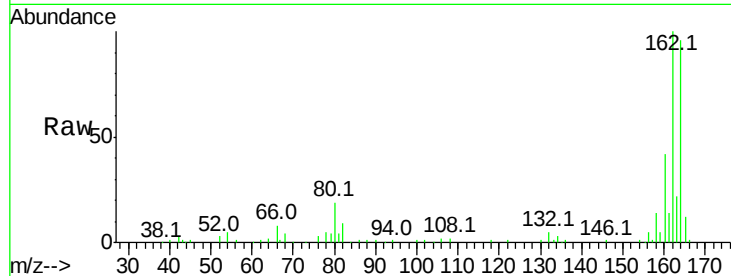




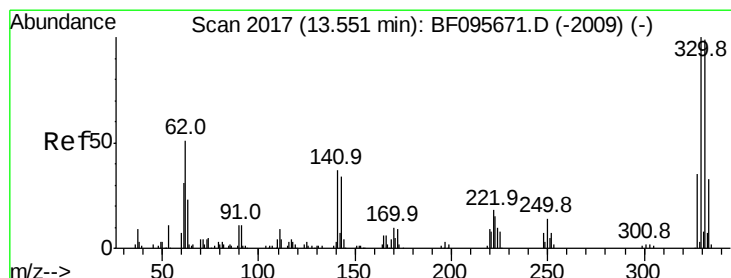
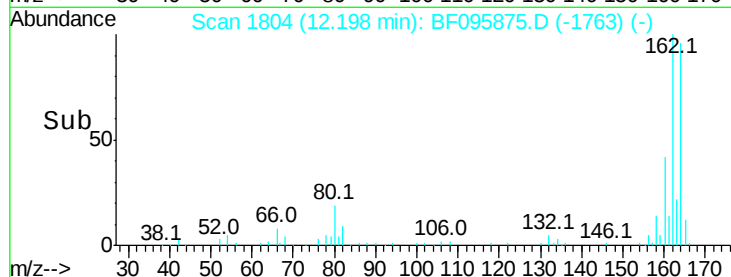
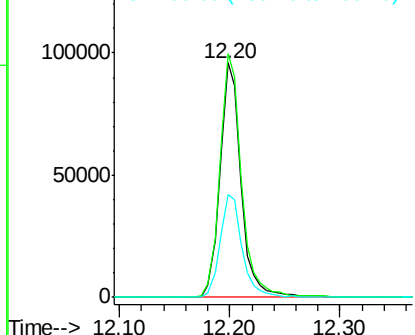
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.20 min Scan# 1804
 Delta R.T. -0.06 min
 Lab File: BF095875.D
 Acq: 12 Jun 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 127992
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 44.0 36.2 54.2

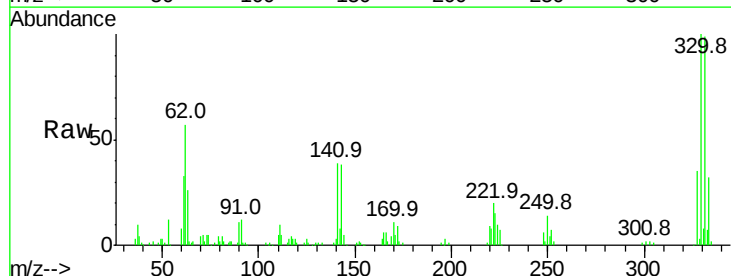


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

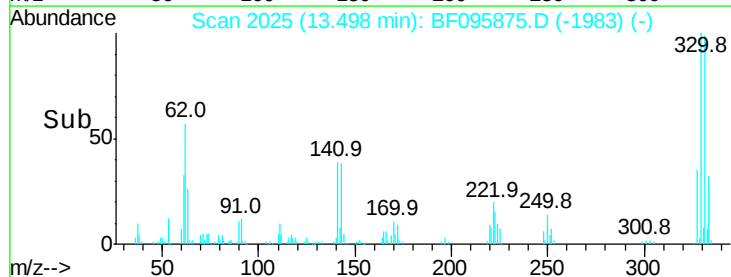
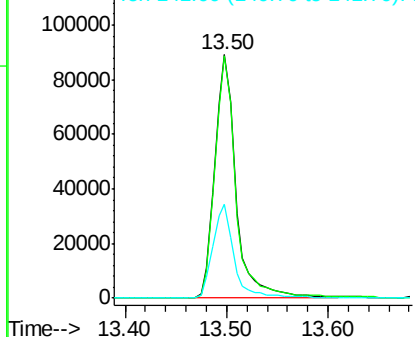


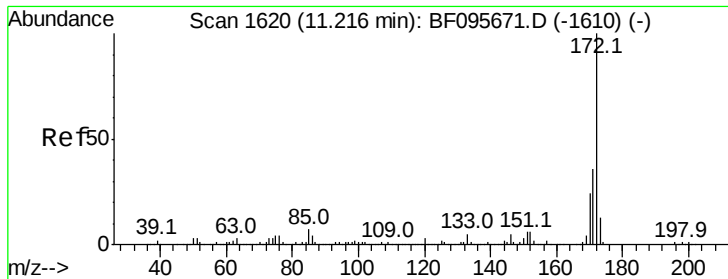
#41
 2,4,6-Tribromophenol
 Concen: 115.07 ng
 RT: 13.50 min Scan# 2025
 Delta R.T. -0.05 min
 Lab File: BF095875.D
 Acq: 12 Jun 2017 16:51

Tgt Ion:330 Resp: 130313
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 115.0
 141 38.4 31.4 47.2



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

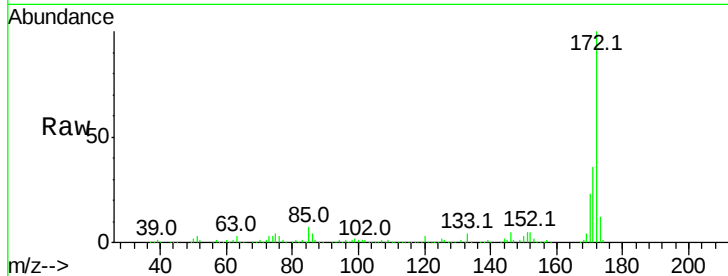




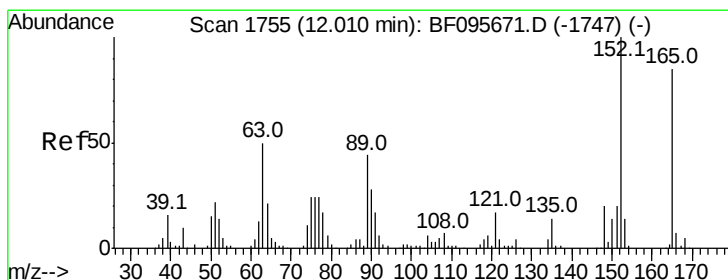
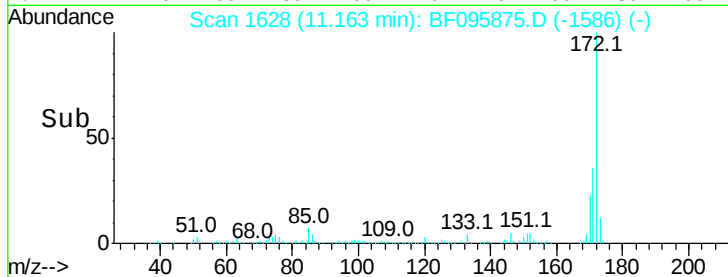
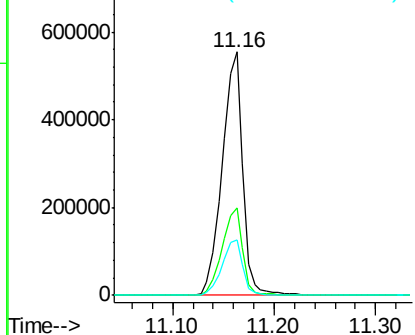
#44
2-Fluorobiphenyl
Concen: 85.07 ng
RT: 11.16 min Scan# 1628
Delta R.T. -0.05 min
Lab File: BF095875.D
Acq: 12 Jun 2017 16:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	22.6	19.8	29.8

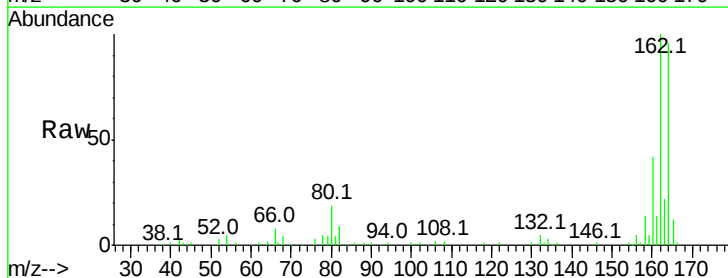


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

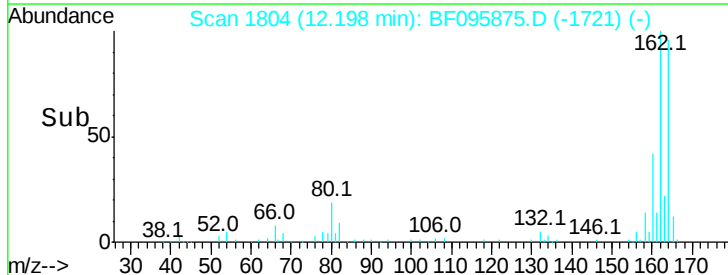
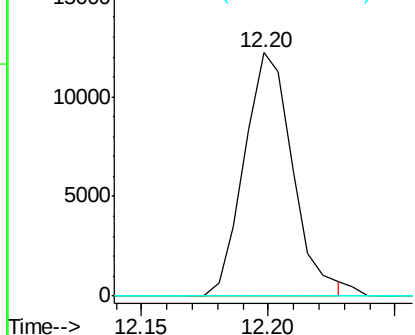


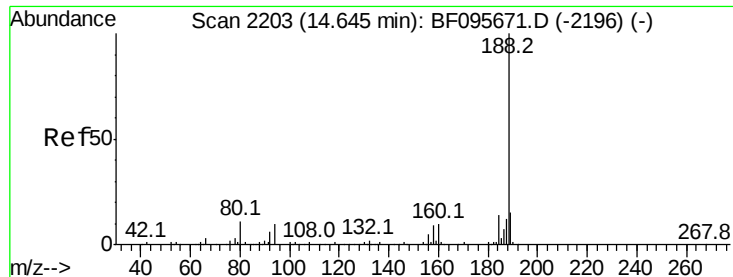
#50
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 12.20 min Scan# 1804
Delta R.T. 0.19 min
Lab File: BF095875.D
Acq: 12 Jun 2017 16:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



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

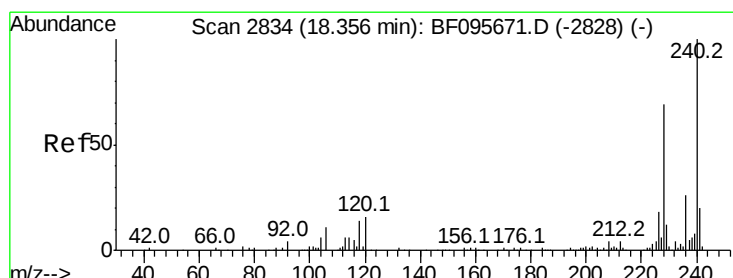
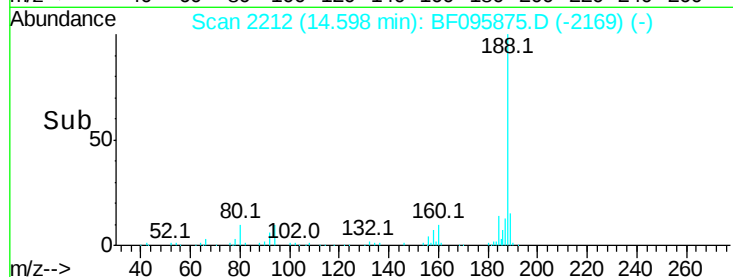
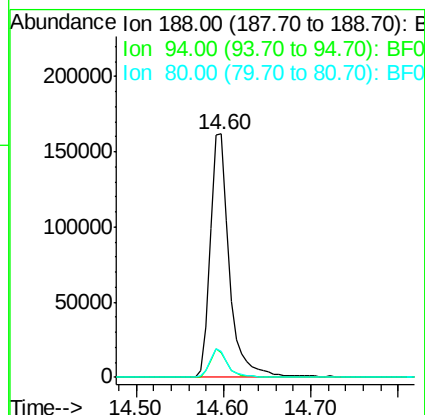
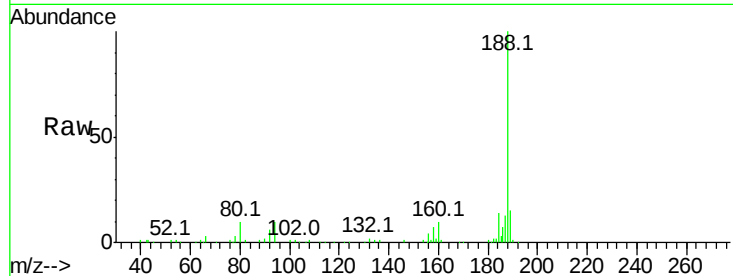




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095875.D
Acq: 12 Jun 2017 16:51

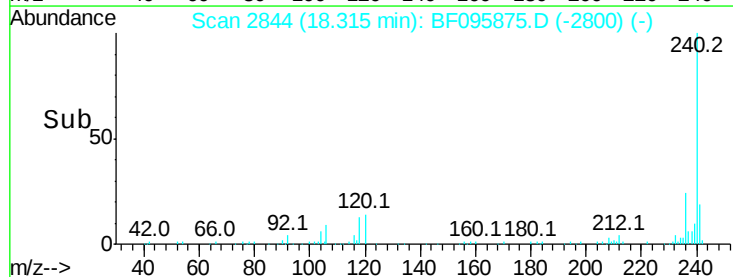
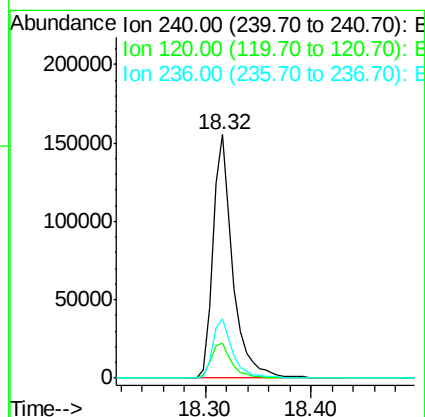
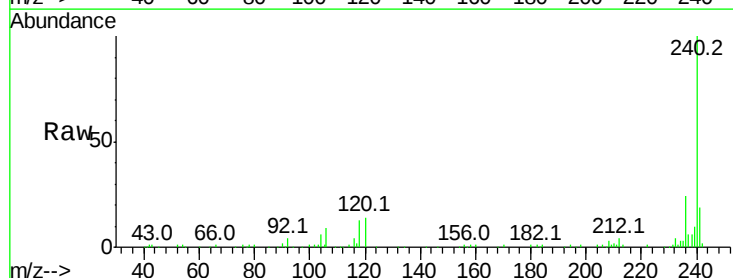
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 247516
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 10.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2844
Delta R.T. -0.04 min
Lab File: BF095875.D
Acq: 12 Jun 2017 16:51

Tgt Ion:240 Resp: 203977
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 24.5 20.5 30.7





#78

Terphenyl-d14

Concen: 87.42 ng

RT: 16.97 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF095875.D

Acq: 12 Jun 2017 16:51

Instrument :

BNA_F

ClientSampleId :

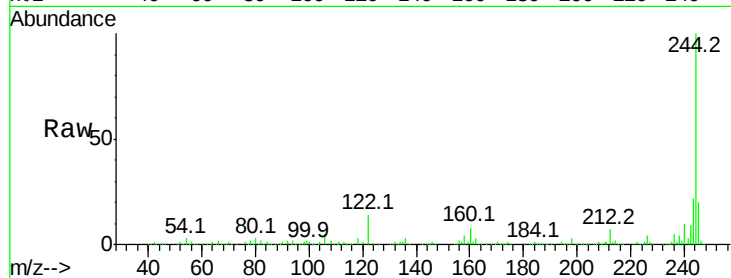
Tot Ion:244 Resp: 718546

Ion Ratio Lower Upper

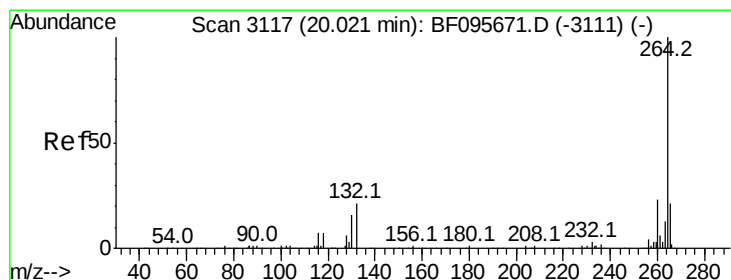
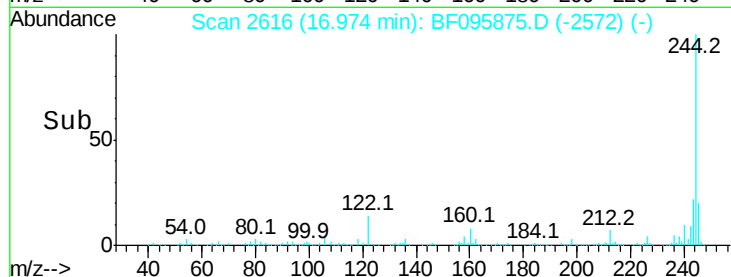
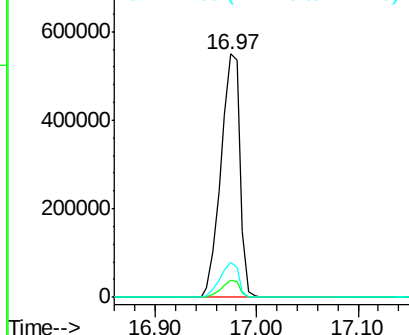
244 100

212 6.9 6.0 9.0

122 14.4 10.3 15.5



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: 20.00 ng

RT: 19.99 min Scan# 3128

Delta R.T. -0.04 min

Lab File: BF095875.D

Acq: 12 Jun 2017 16:51

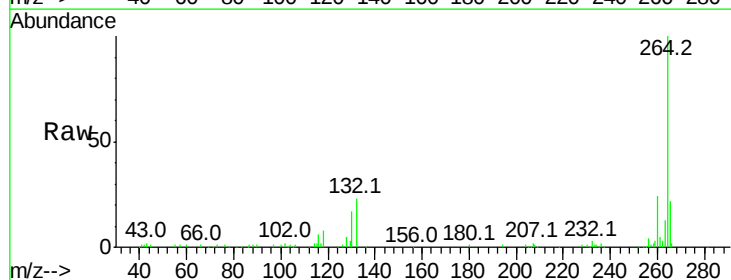
Tgt Ion:264 Resp: 129029

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.9 17.2 25.8



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

