

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095028.D
 Acq On : 9 May 2017 18:31
 Operator : SJ/MA
 Sample : PB98769TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:14:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

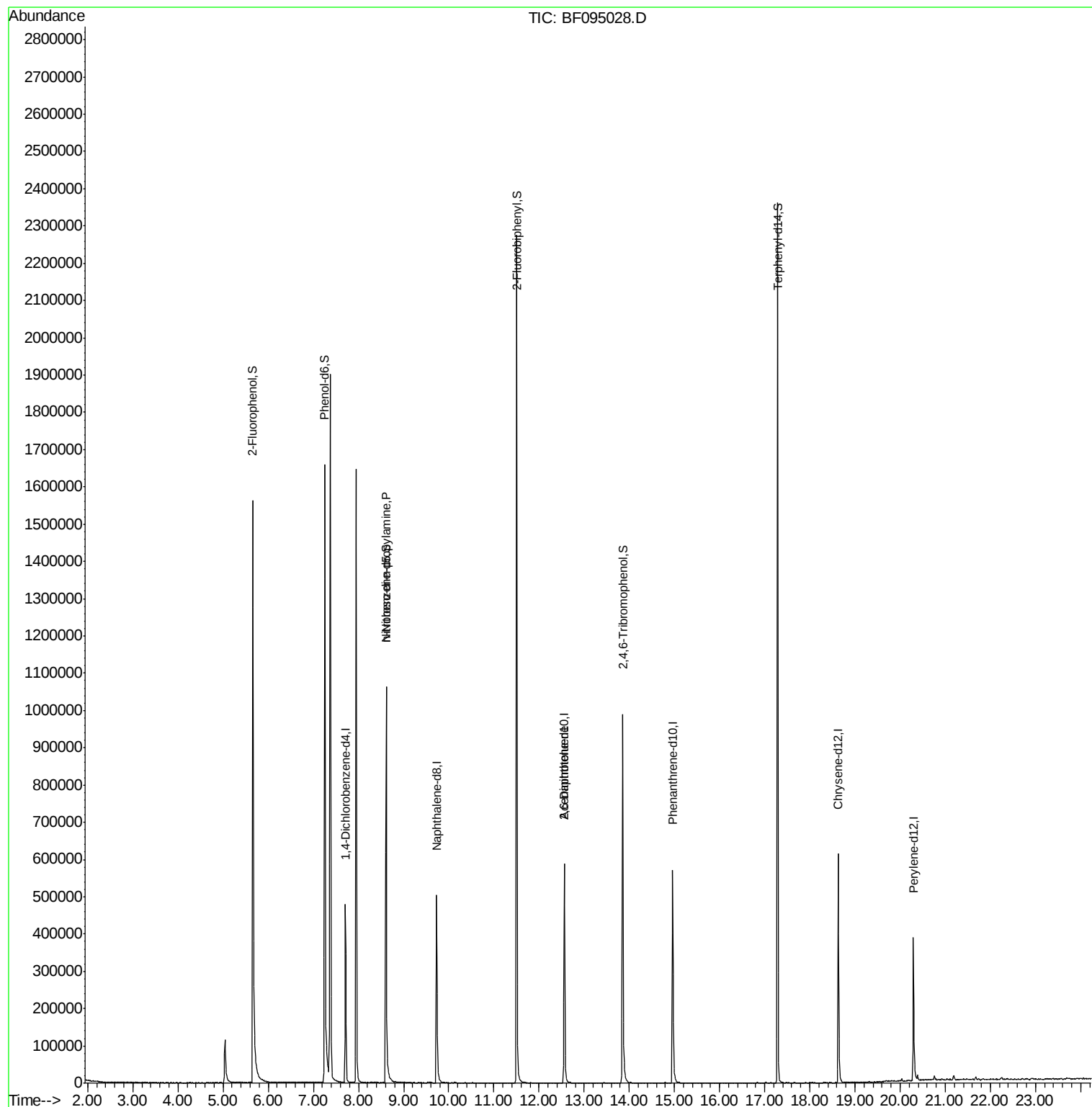
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	100425	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	392335	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	195004	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	353376	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	311020	20.00	ng	-0.02
86) Perylene-d12	20.29	264	200329	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	783205	130.02	ng	-0.02
7) Phenol-d6	7.25	99	920286	127.33	ng	-0.02
23) Nitrobenzene-d5	8.61	82	527562	84.79	ng	-0.02
41) 2,4,6-Tribromophenol	13.85	330	175436	109.85	ng	-0.03
44) 2-Fluorobiphenyl	11.51	172	1014662	74.89	ng	-0.02
78) Terphenyl-d14	17.29	244	979786	69.39	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	67224	13.75	ng	# 74
50) 2,6-Dinitrotoluene	12.56	165	19147	5.86	ng	# 33

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

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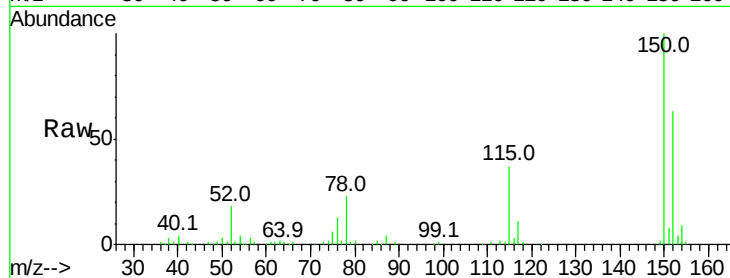


#1

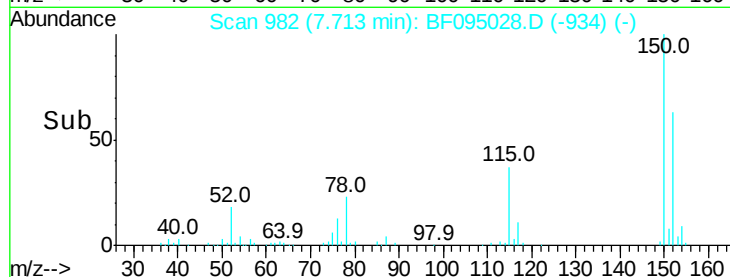
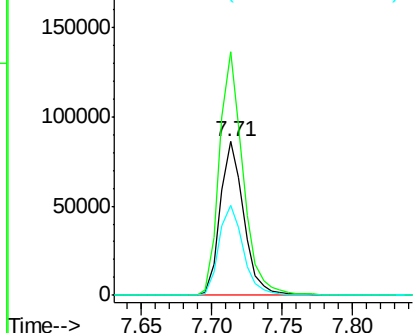
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095028.D
Acq: 9 May 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100425
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 58.9 52.2 78.2



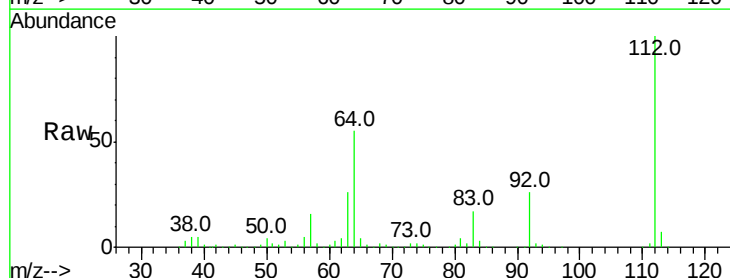
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



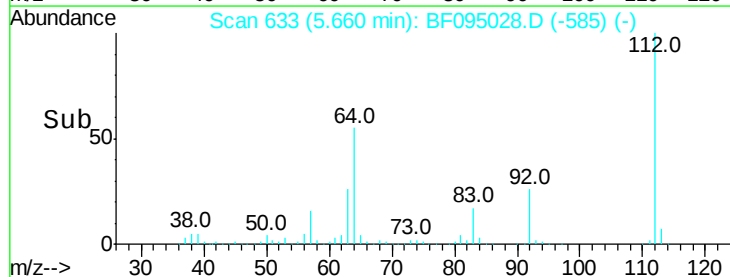
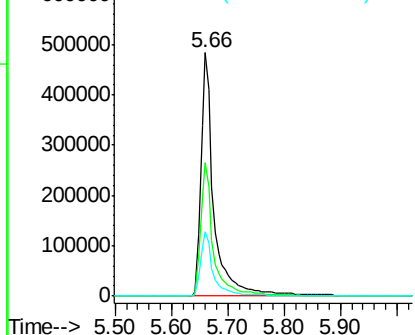
#5

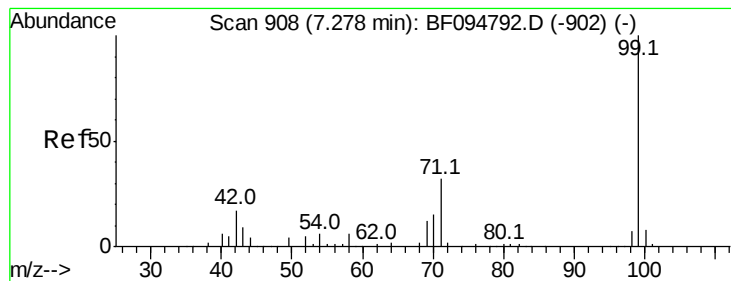
2-Fluorophenol
Concen: 130.02 ng
RT: 5.66 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF095028.D
Acq: 9 May 2017 18:31

Tgt Ion:112 Resp: 783205
Ion Ratio Lower Upper
112 100
64 54.6 46.0 69.0
63 26.5 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: 127.33 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095028.D

Acq: 9 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

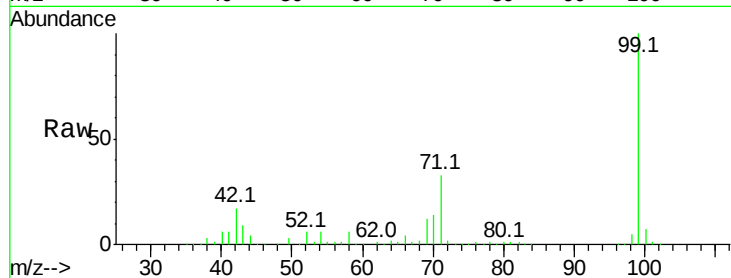
Tot Ion: 99 Resp: 920286

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

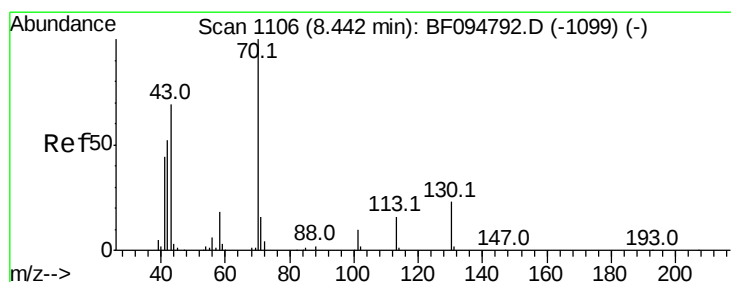
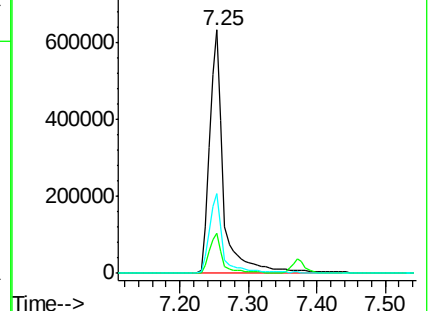
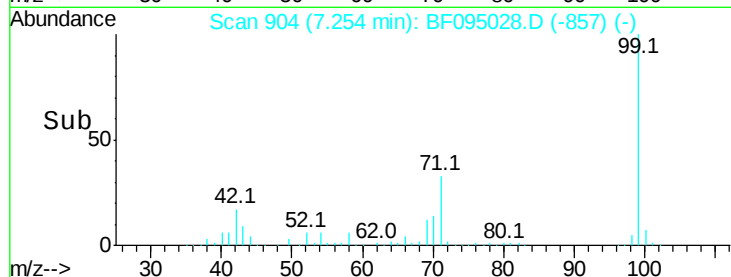
71 32.6 24.5 36.7



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: 13.75 ng

RT: 8.61 min Scan# 1135

Delta R.T. 0.17 min

Lab File: BF095028.D

Acq: 9 May 2017 18:31

Tgt Ion: 70 Resp: 67224

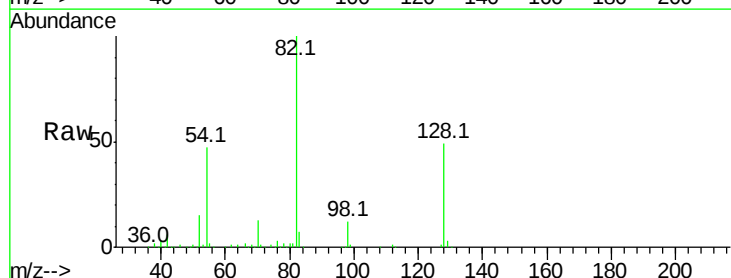
Ion Ratio Lower Upper

70 100

42 42.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

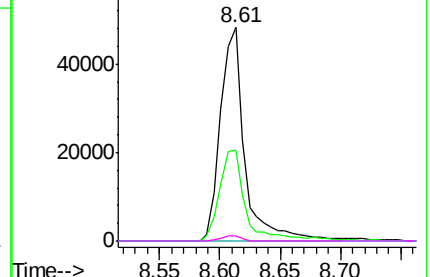
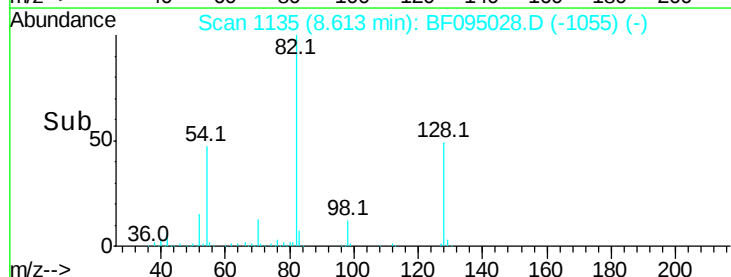


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095028.D

Acq: 9 May 2017 18:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 392335

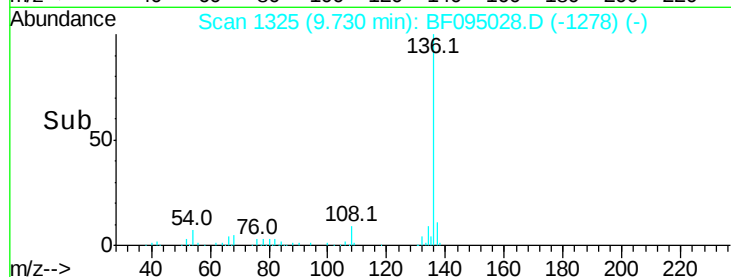
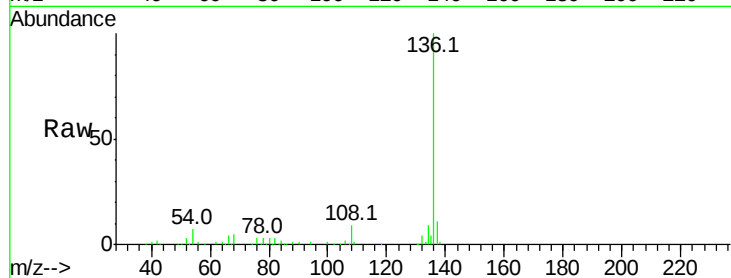
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 5.4 4.1 6.1

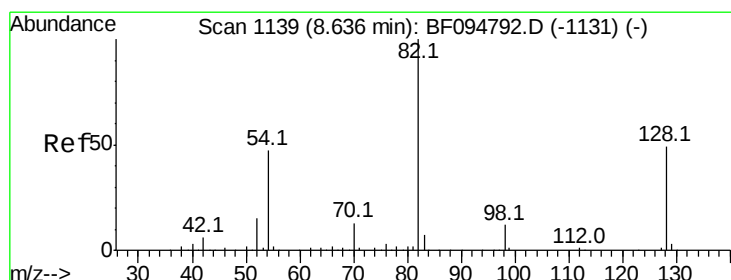
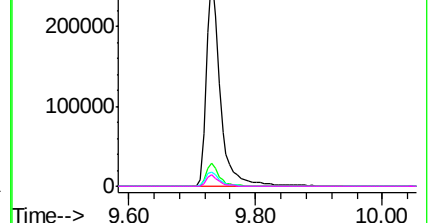


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.79 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF095028.D

Acq: 9 May 2017 18:31

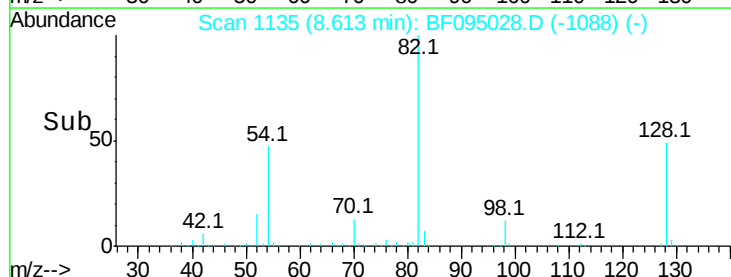
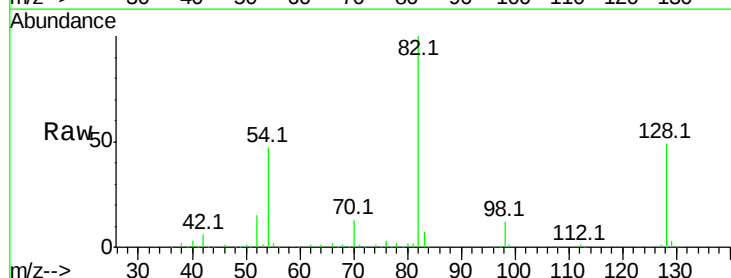
Tgt Ion: 82 Resp: 527562

Ion Ratio Lower Upper

82 100

128 48.8 34.0 51.0

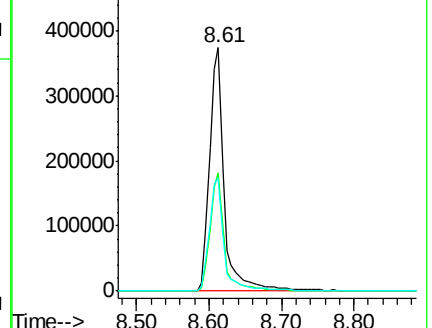
54 46.6 42.2 63.2

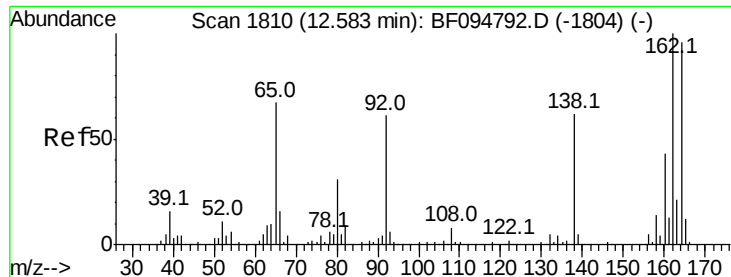


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

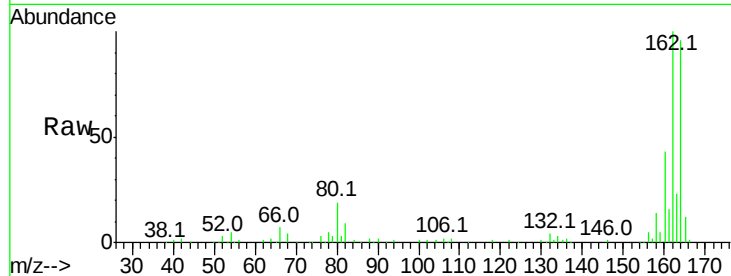




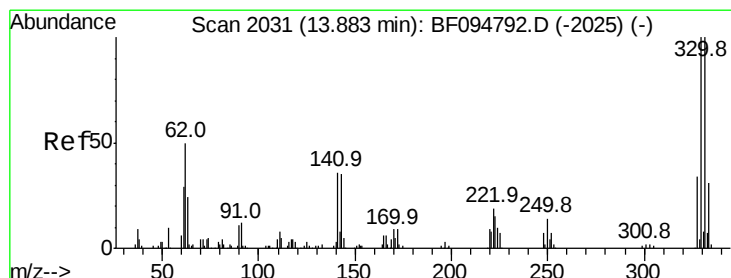
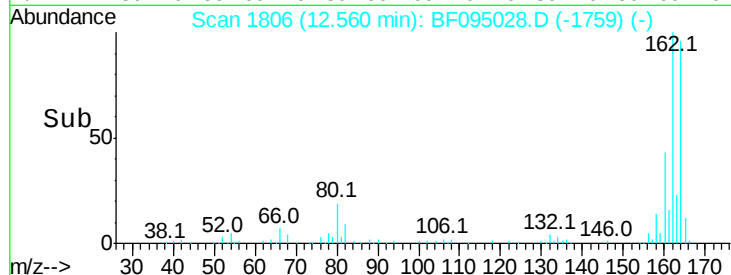
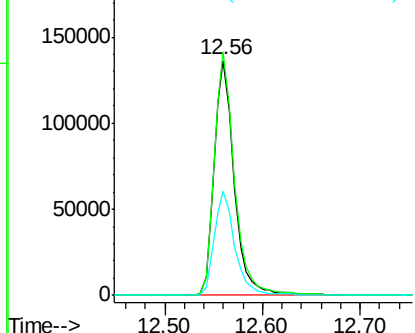
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095028.D
Acq: 9 May 2017 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 195004
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 44.2 36.2 54.2

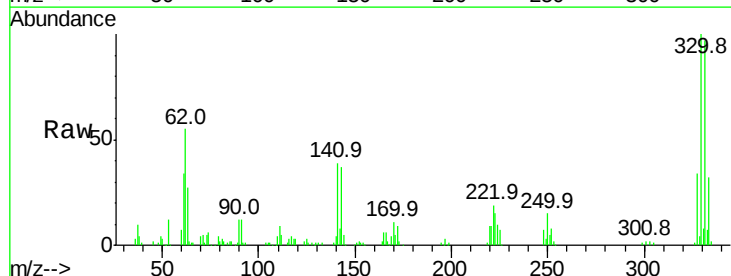


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

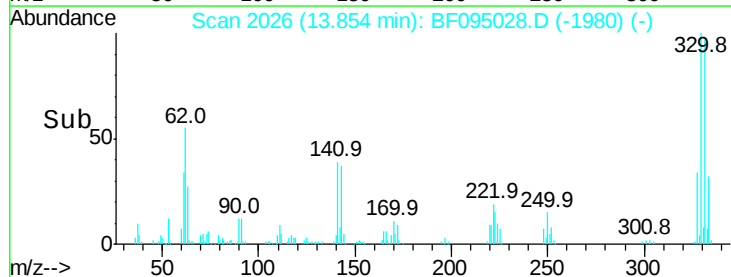
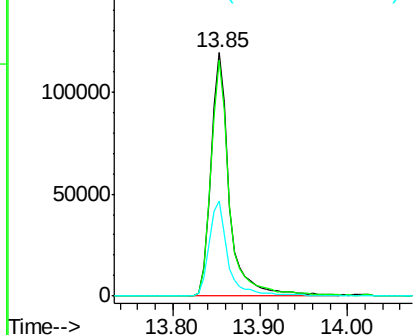


#41
2,4,6-Tribromophenol
Concen: 109.85 ng
RT: 13.85 min Scan# 2026
Delta R.T. -0.03 min
Lab File: BF095028.D
Acq: 9 May 2017 18:31

Tgt Ion:330 Resp: 175436
Ion Ratio Lower Upper
330 100
332 98.2 76.6 115.0
141 40.3 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

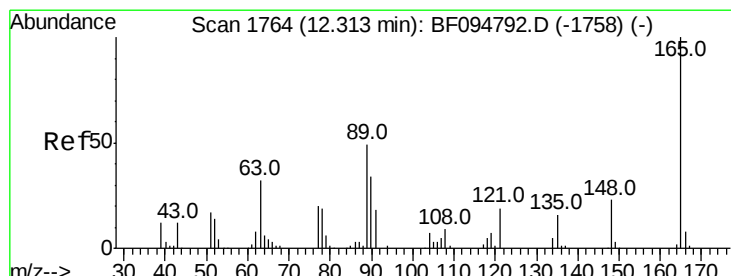
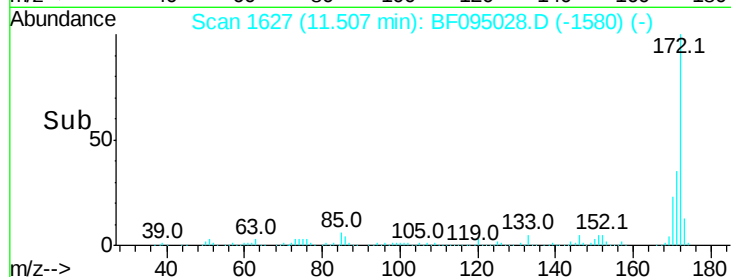
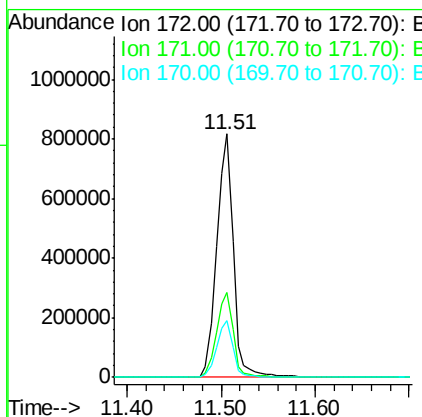
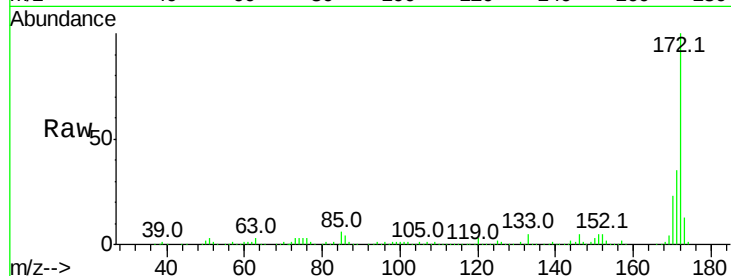




#44
 2-Fluorobiphenyl
 Concen: 74.89 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095028.D
 Acq: 9 May 2017 18:31

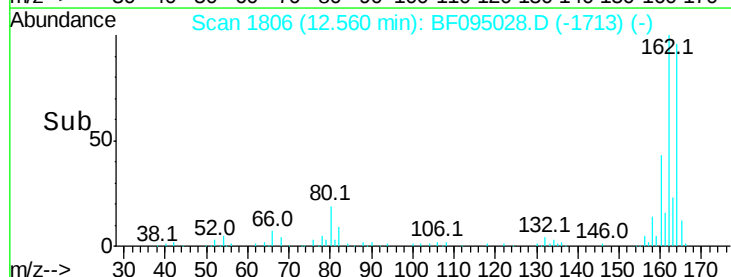
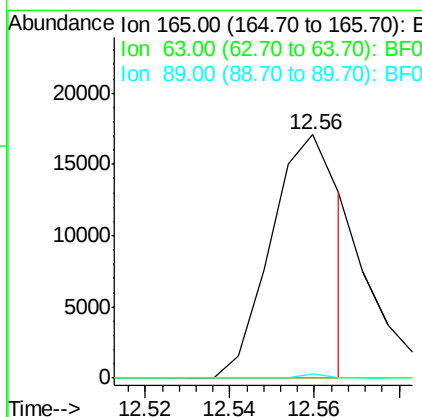
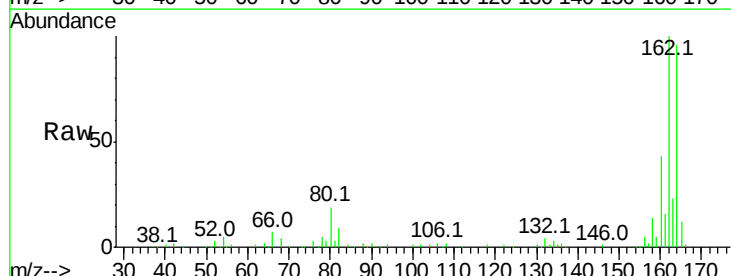
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1014662
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.1 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.86 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. 0.25 min
 Lab File: BF095028.D
 Acq: 9 May 2017 18:31

Tgt Ion:165 Resp: 19147
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 1.9 37.1 55.7#

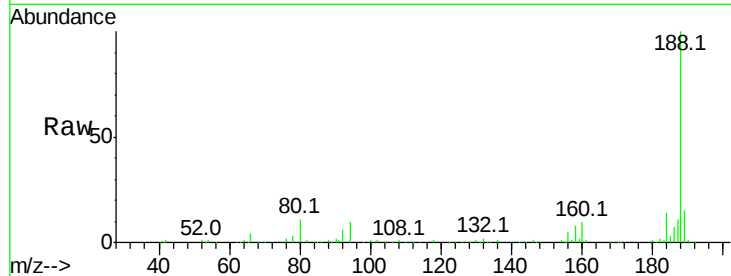




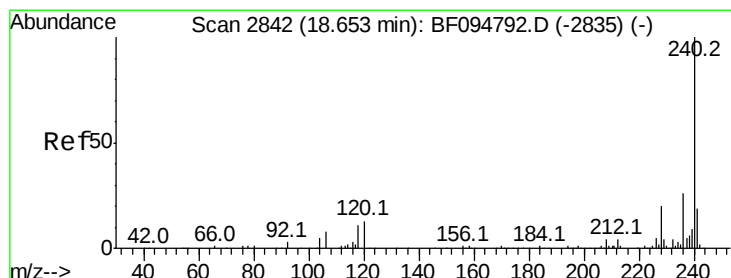
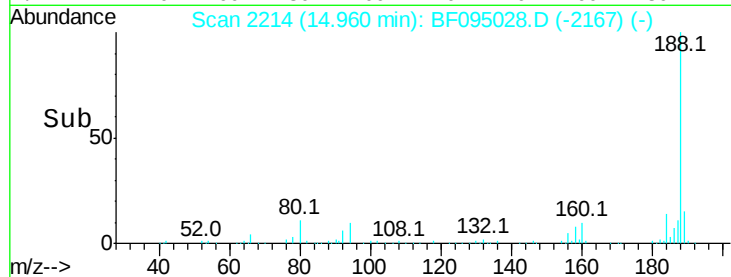
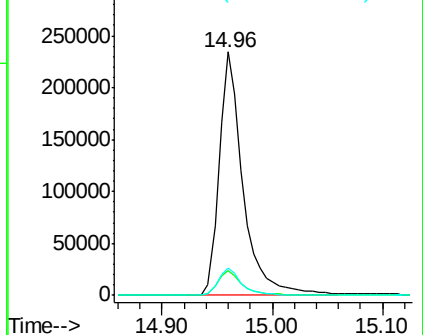
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095028.D
 Acq: 9 May 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 353376
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.2 10.2 15.2

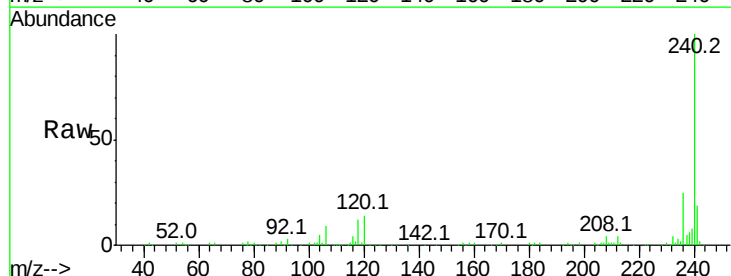


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

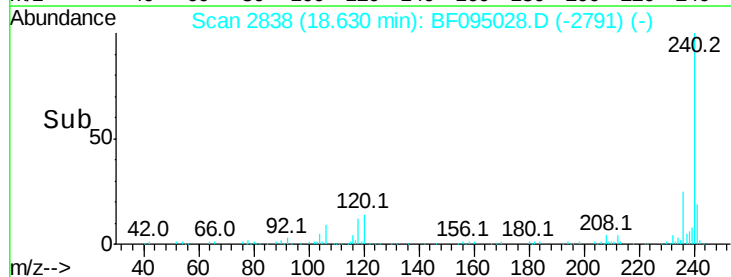
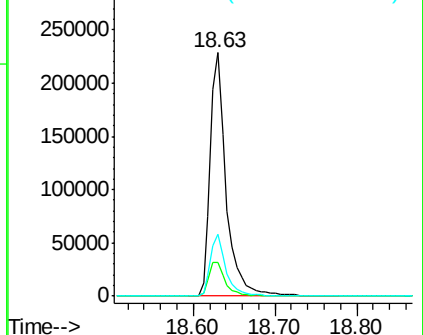


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. -0.02 min
 Lab File: BF095028.D
 Acq: 9 May 2017 18:31

Tgt Ion:240 Resp: 311020
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 25.3 20.5 30.7



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

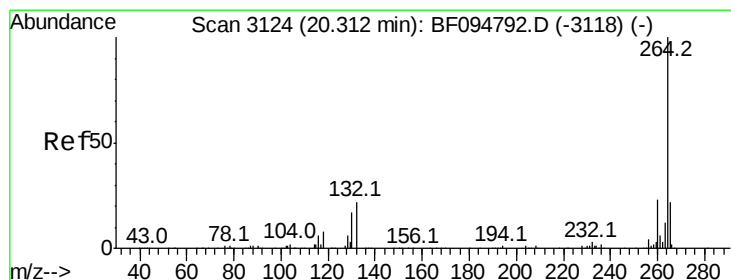
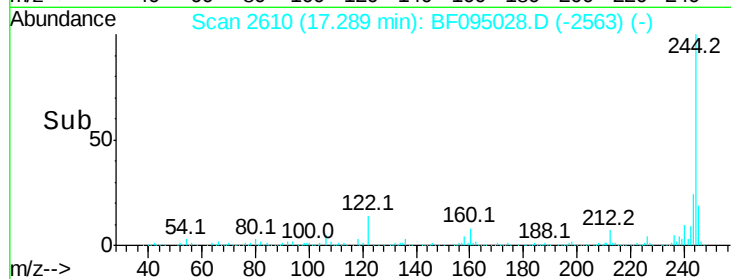
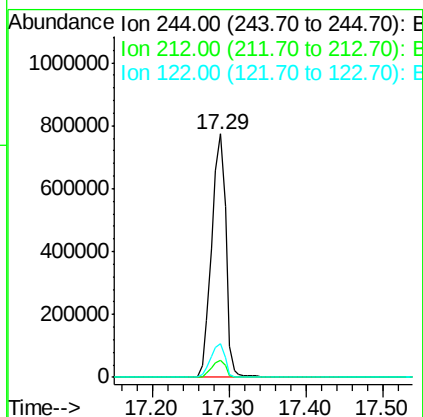
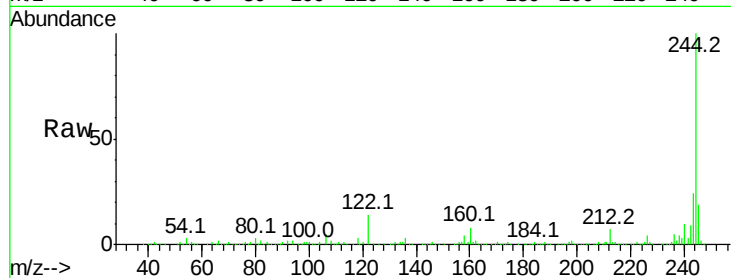




#78
 Terphenyl-d14
 Concen: 69.39 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095028.D
 Acq: 9 May 2017 18:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 979786
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BF095028.D
 Acq: 9 May 2017 18:31

Tgt Ion:264 Resp: 200329
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.8 17.2 25.8

