

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095955.D
 Acq On : 16 Jun 2017 14:56
 Operator : SJ/MA
 Sample : PB99843BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 23:00:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

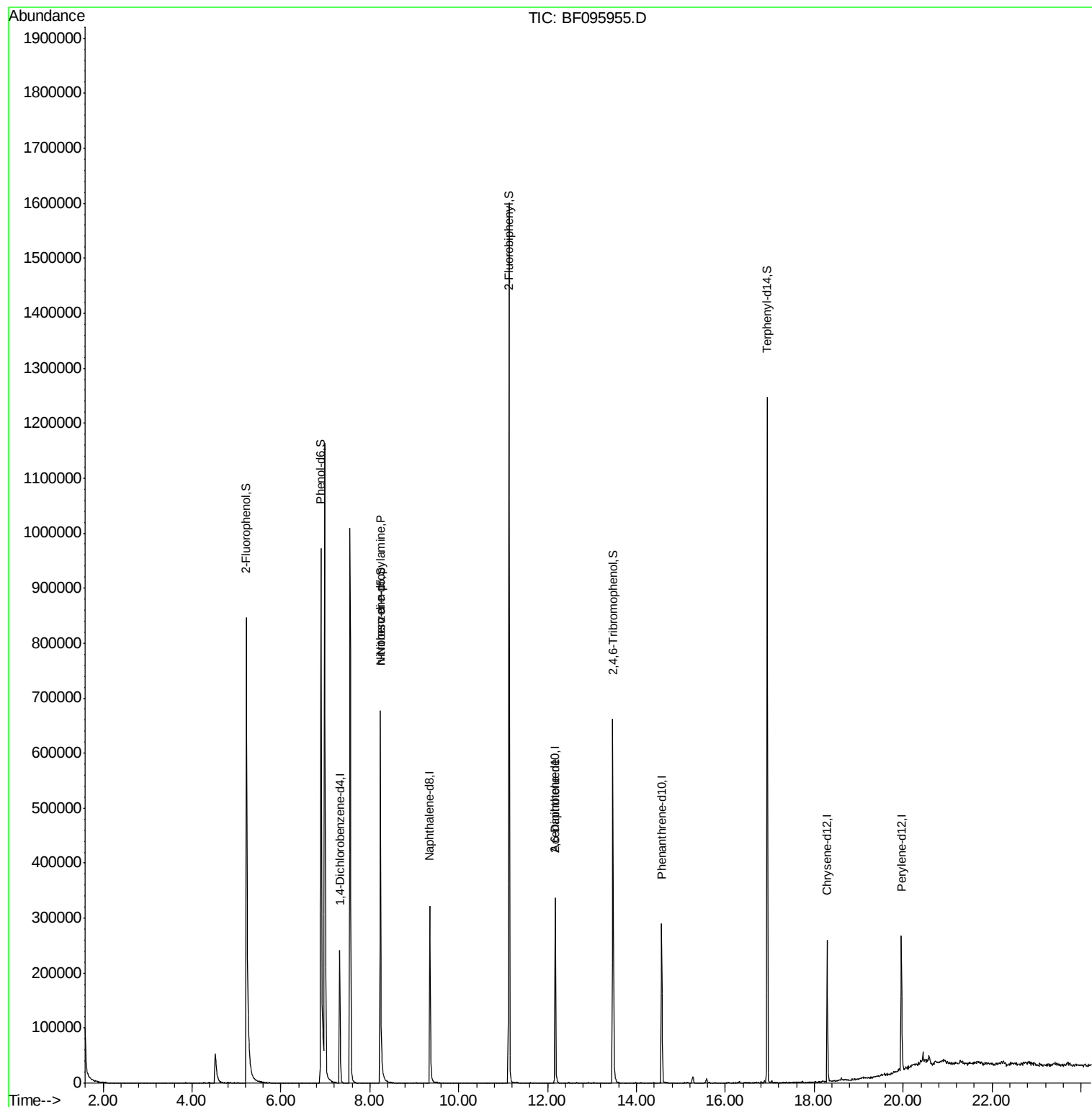
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	57640	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	233810	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	103604	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	168528	20.00	ng	0.00
75) Chrysene-d12	18.29	240	118894	20.00	ng	0.00
86) Perylene-d12	19.96	264	117847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	521960	144.30	ng	0.00
7) Phenol-d6	6.90	99	632335	146.02	ng	-0.01
23) Nitrobenzene-d5	8.24	82	356985	94.82	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	114500	124.91	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	707271	95.00	ng	0.00
78) Terphenyl-d14	16.94	244	457250	95.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.24	70	44619	16.26	ng	# 79
50) 2,6-Dinitrotoluene	12.17	165	12812	7.47	ng	# 31

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

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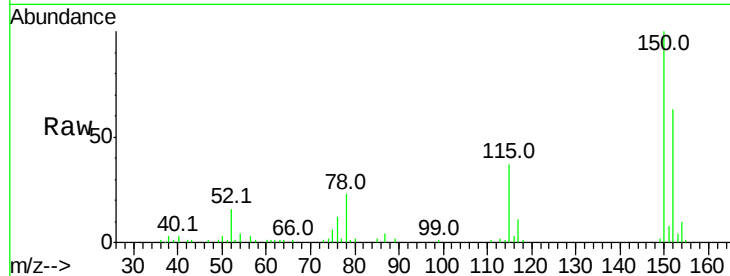


#1

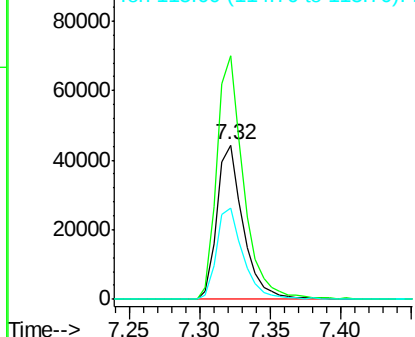
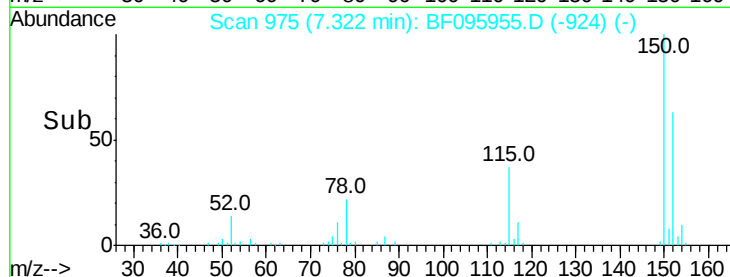
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095955.D
Acq: 16 Jun 2017 14:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 57640
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 58.8 52.2 78.2



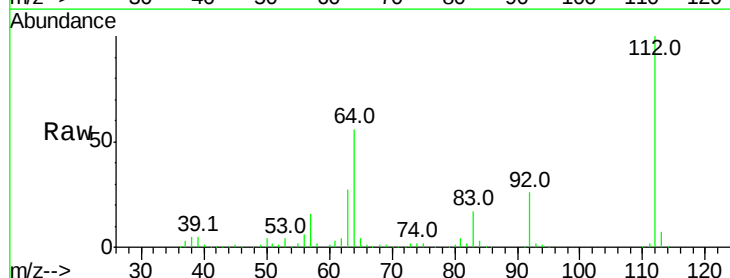
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



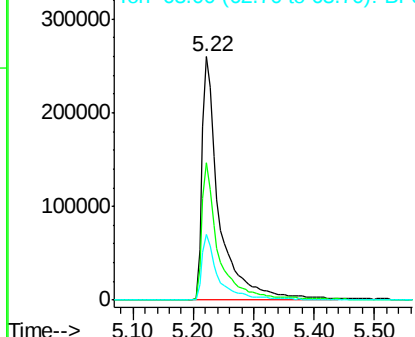
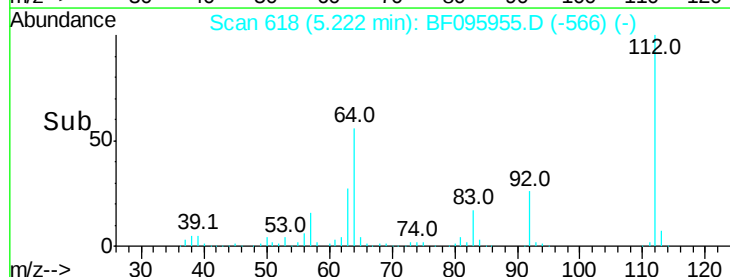
#5

2-Fluorophenol
Concen: 144.30 ng
RT: 5.22 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF095955.D
Acq: 16 Jun 2017 14:56

Tgt Ion:112 Resp: 521960
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 27.1 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: 146.02 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095955.D

Acq: 16 Jun 2017 14:56

Instrument :

BNA_F

ClientSampleId :

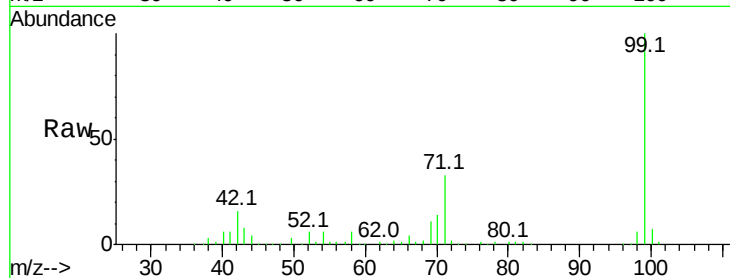
Tot Ion: 99 Resp: 632335

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

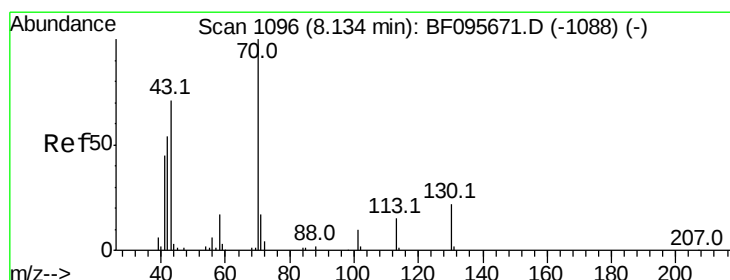
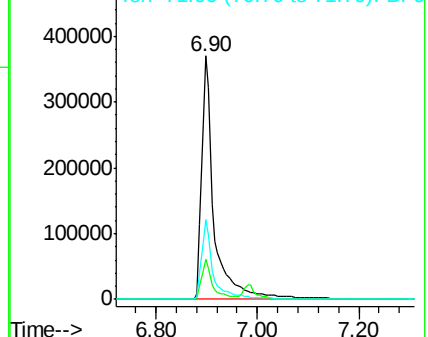
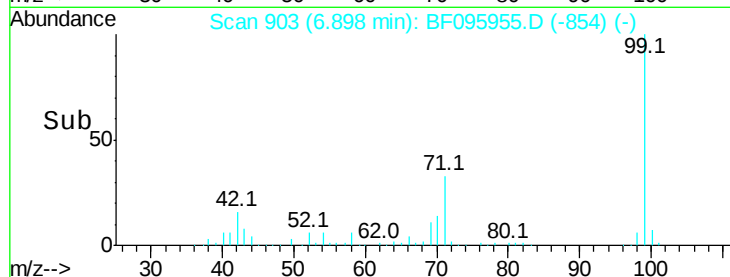
71 32.6 24.5 36.7



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: 16.26 ng

RT: 8.24 min Scan# 1131

Delta R.T. 0.17 min

Lab File: BF095955.D

Acq: 16 Jun 2017 14:56

Tgt Ion: 70 Resp: 44619

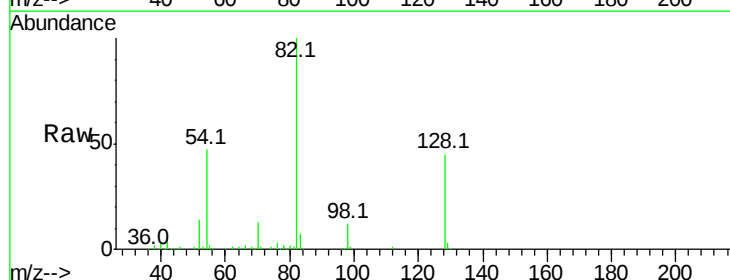
Ion Ratio Lower Upper

70 100

42 48.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

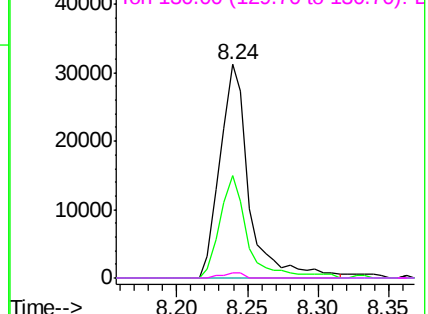
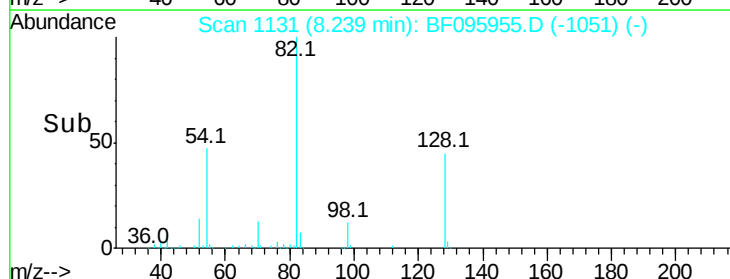


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095955.D

Acq: 16 Jun 2017 14:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 233810

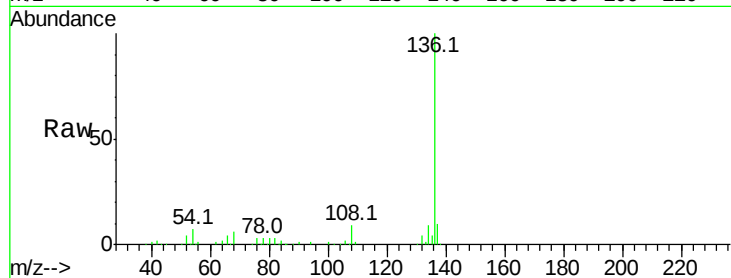
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.8 4.9 7.3

68 6.2 4.1 6.1#

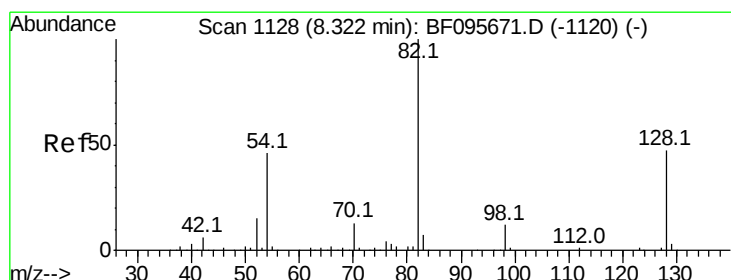
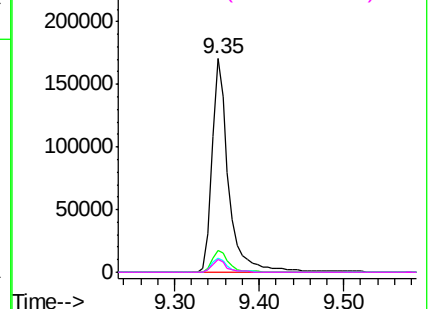
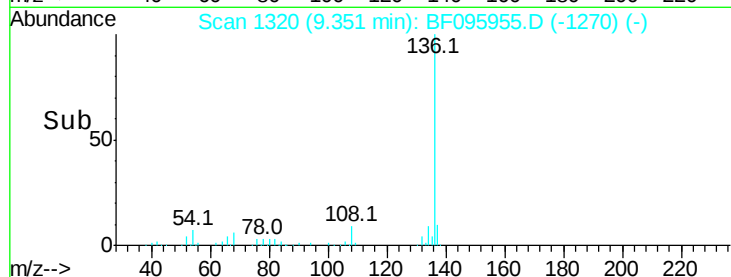


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.82 ng

RT: 8.24 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF095955.D

Acq: 16 Jun 2017 14:56

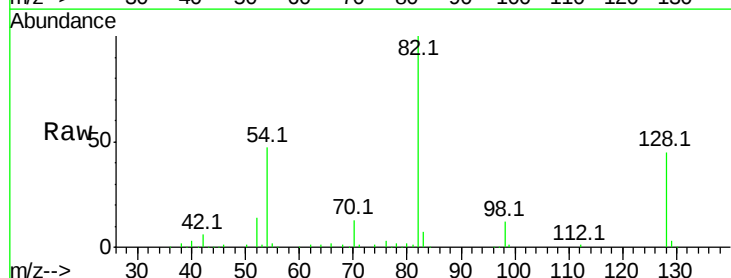
Tgt Ion: 82 Resp: 356985

Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

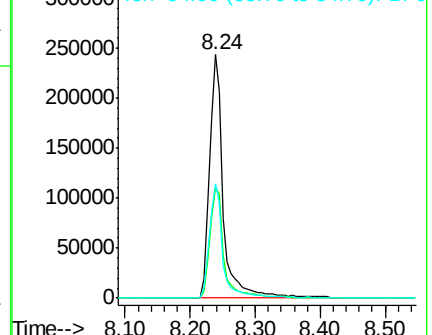
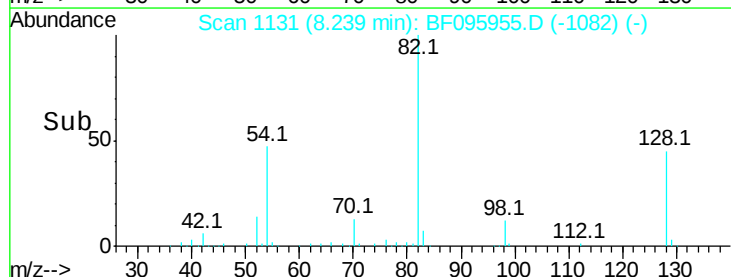
54 46.8 42.2 63.2



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: 12.17 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF095955.D

Acq: 16 Jun 2017 14:56

Instrument :

BNA_F

ClientSampleId :

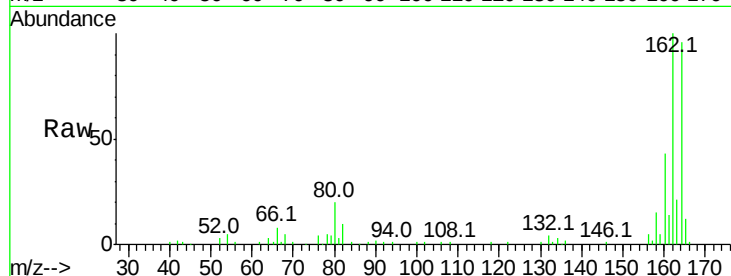
Tot Ion:164 Resp: 103604

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

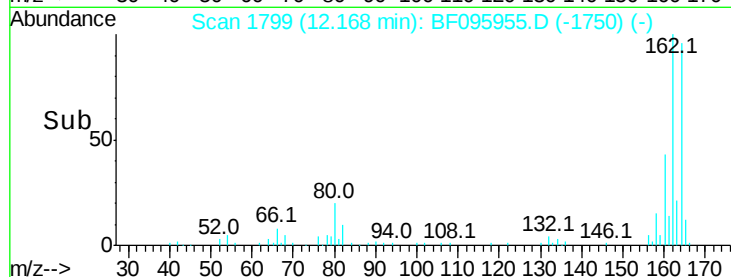
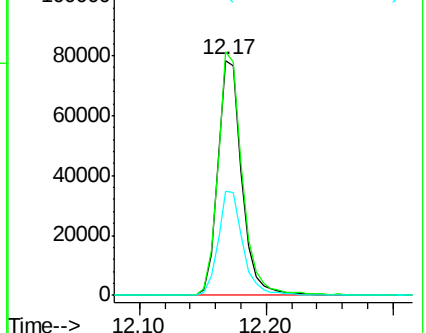
160 44.1 36.2 54.2



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: 124.91 ng

RT: 13.47 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF095955.D

Acq: 16 Jun 2017 14:56

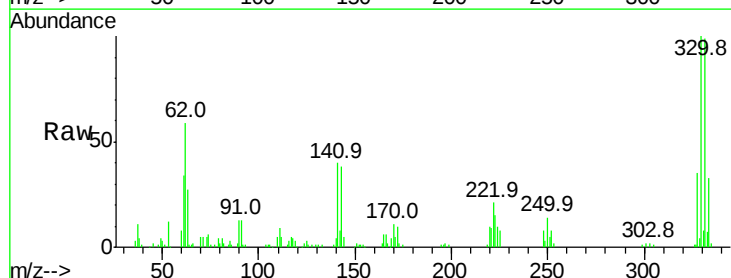
Tgt Ion:330 Resp: 114500

Ion Ratio Lower Upper

330 100

332 99.2 76.6 115.0

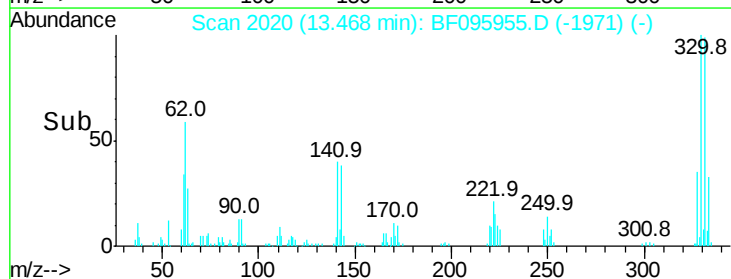
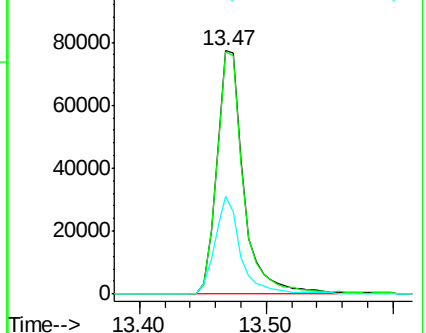
141 38.4 31.4 47.2

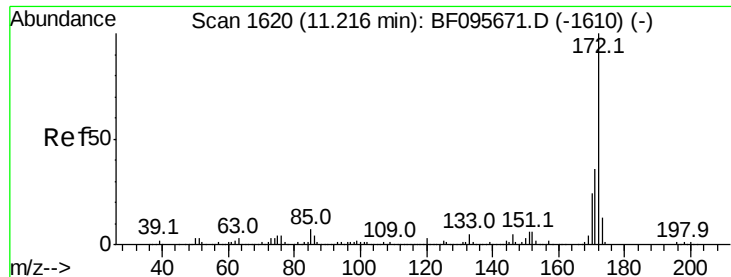


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

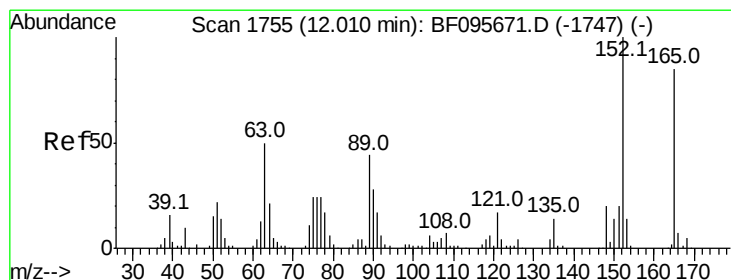
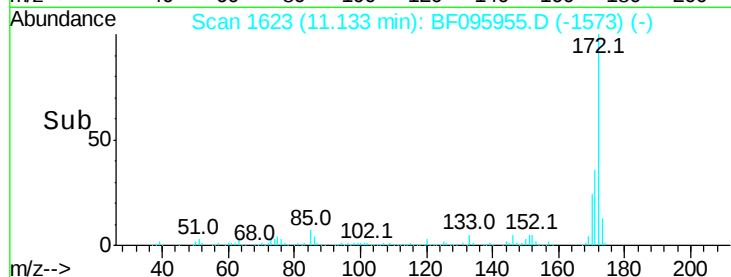
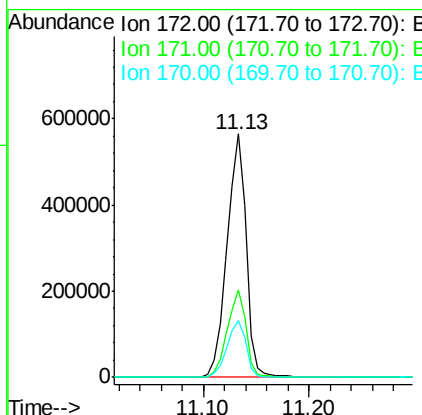
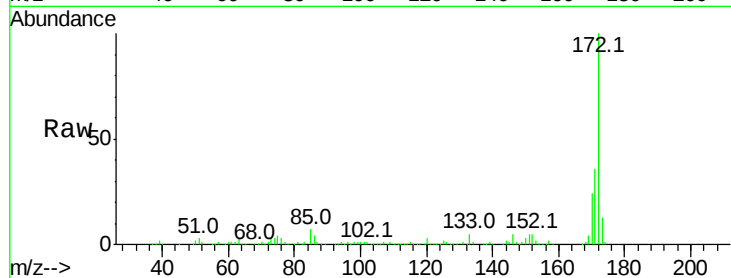




#44
2-Fluorobiphenyl
Concen: 95.00 ng
RT: 11.13 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF095955.D
Acq: 16 Jun 2017 14:56

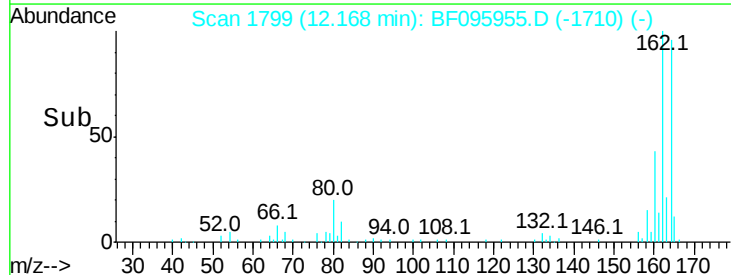
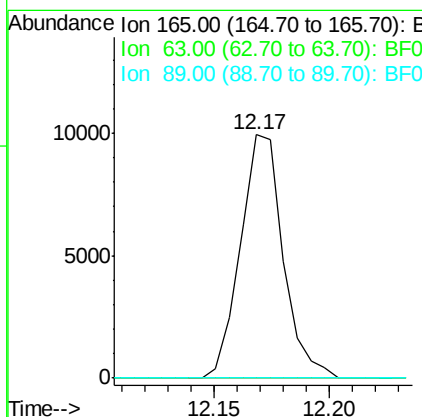
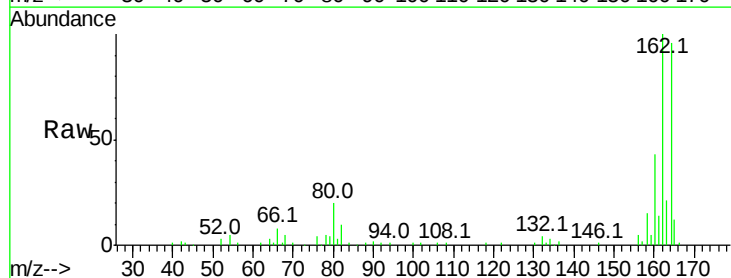
Instrument :
BNA_F
ClientSampleId :

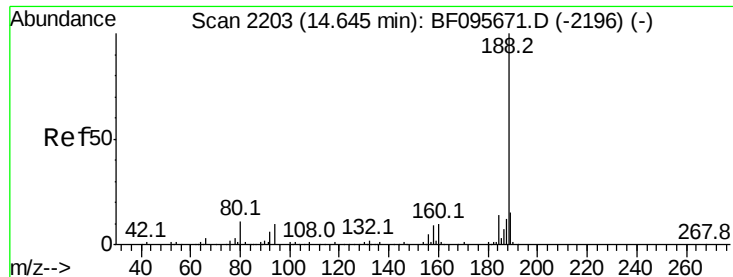
Tot Ion:172 Resp: 707271
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.5 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.47 ng
RT: 12.17 min Scan# 1799
Delta R.T. 0.22 min
Lab File: BF095955.D
Acq: 16 Jun 2017 14:56

Tgt Ion:165 Resp: 12812
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

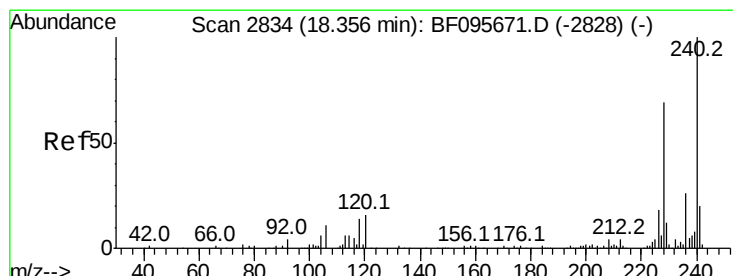
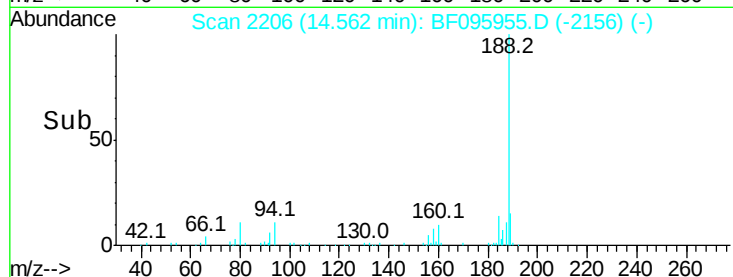
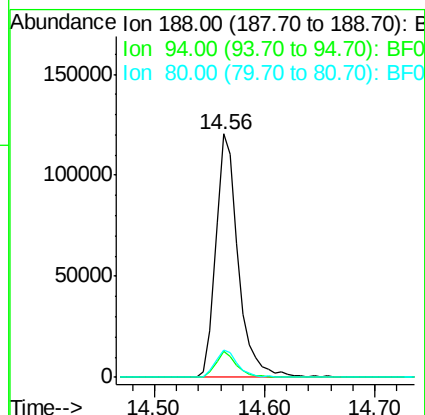
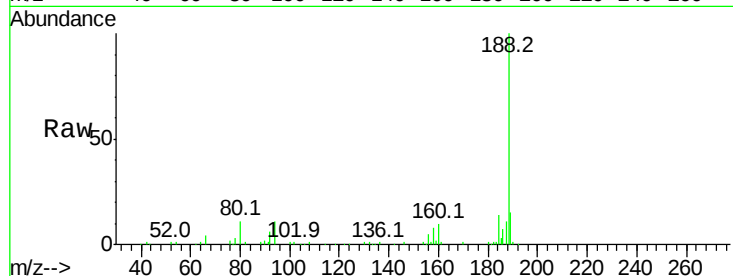




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095955.D
Acq: 16 Jun 2017 14:56

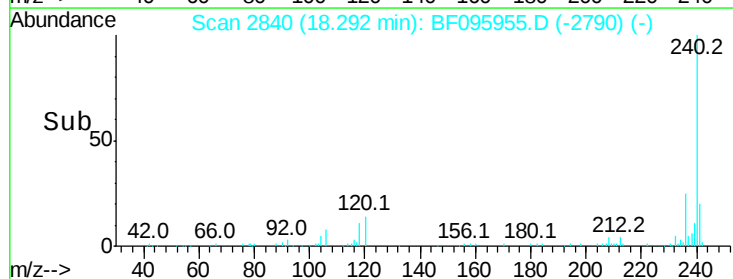
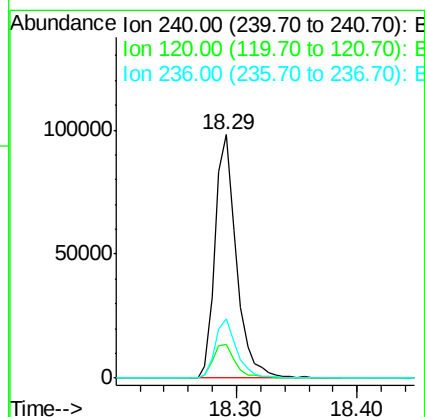
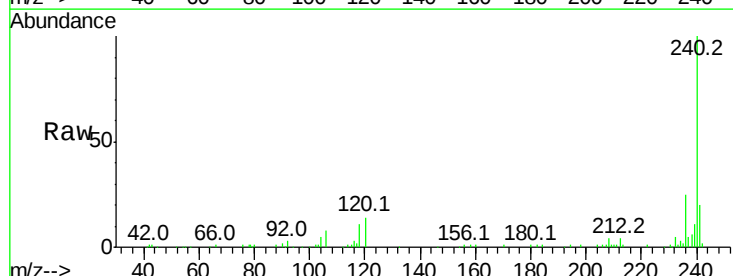
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 168528
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095955.D
Acq: 16 Jun 2017 14:56

Tgt Ion:240 Resp: 118894
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 24.5 20.5 30.7

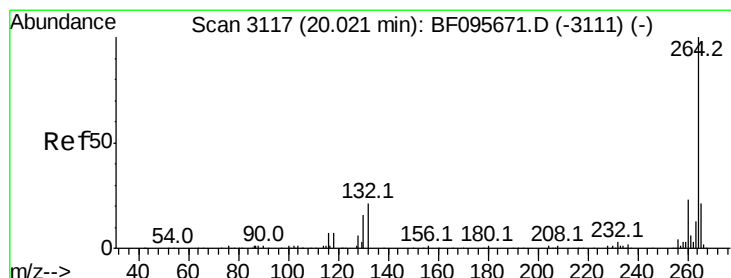
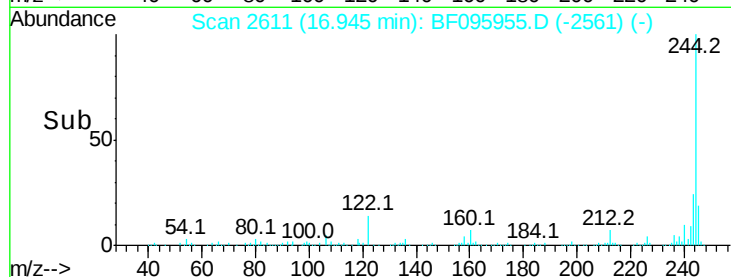
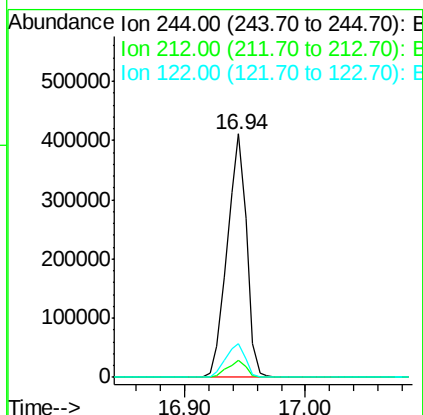
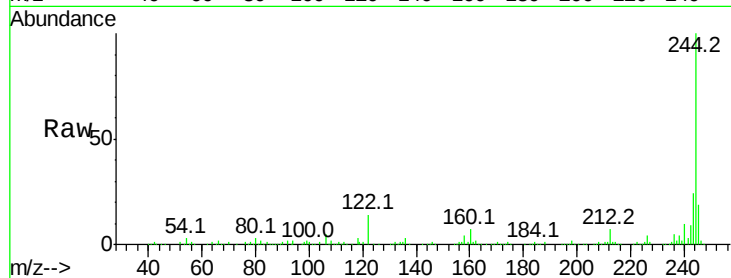




#78
 Terphenyl-d14
 Concen: 95.44 ng
 RT: 16.94 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF095955.D
 Acq: 16 Jun 2017 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 457250
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095955.D
 Acq: 16 Jun 2017 14:56

Tgt Ion:264 Resp: 117847
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.2 17.2 25.8

