

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095788.D
 Acq On : 8 Jun 2017 17:49
 Operator : SJ/MA
 Sample : PB99582BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 08 18:35:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:19:45 2017
 Response via : Initial Calibration

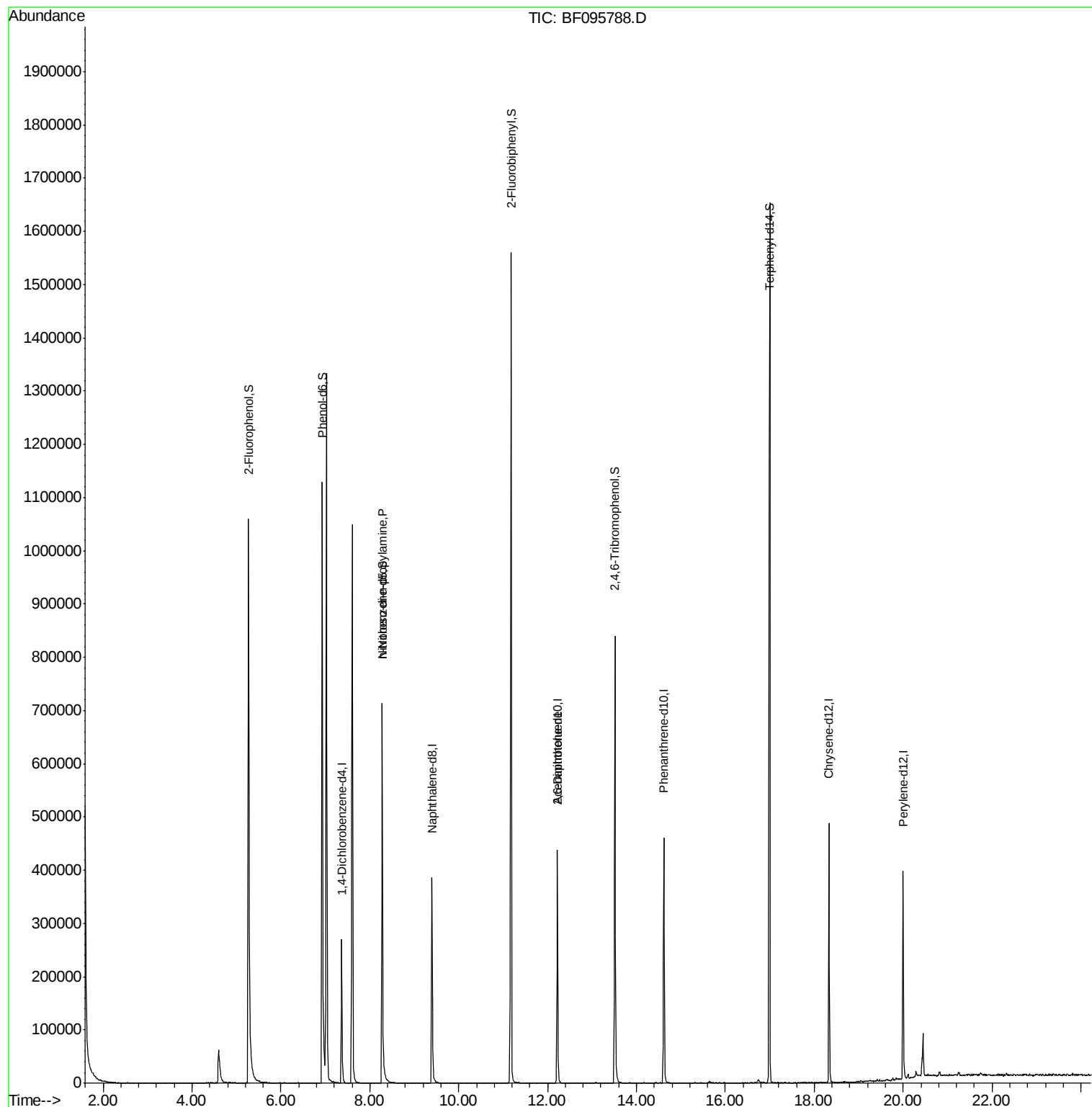
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	68648	20.00	ng	0.00
21) Naphthalene-d8	9.40	136	287634	20.00	ng	0.00
38) Acenaphthene-d10	12.22	164	132651	20.00	ng	0.00
63) Phenanthrene-d10	14.62	188	251486	20.00	ng	0.00
75) Chrysene-d12	18.33	240	222193	20.00	ng	-0.01
86) Perylene-d12	20.00	264	179874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	566318	131.45	ng	0.01
7) Phenol-d6	6.93	99	677490	131.36	ng	0.00
23) Nitrobenzene-d5	8.28	82	395753	85.45	ng	-0.01
41) 2,4,6-Tribromophenol	13.52	330	146776	125.06	ng	0.00
44) 2-Fluorobiphenyl	11.18	172	808800	84.85	ng	0.00
78) Terphenyl-d14	17.00	244	713714	79.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.28	70	48211	14.75	ng	# 76
50) 2,6-Dinitrotoluene	12.22	165	16920	7.70	ng	# 31

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

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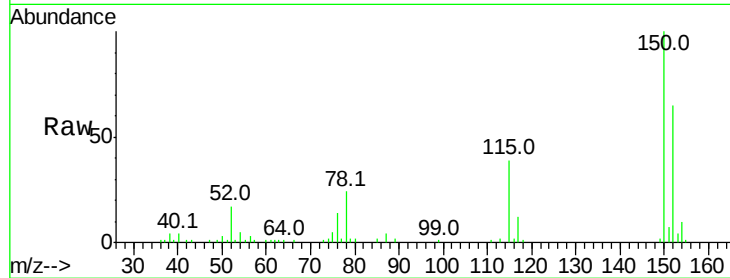


#1

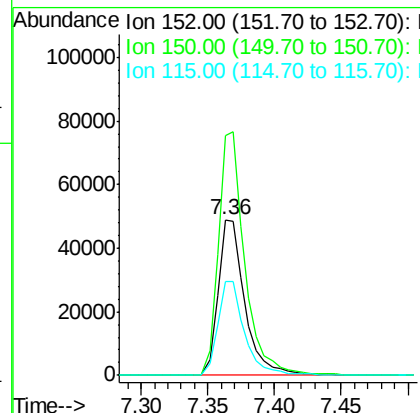
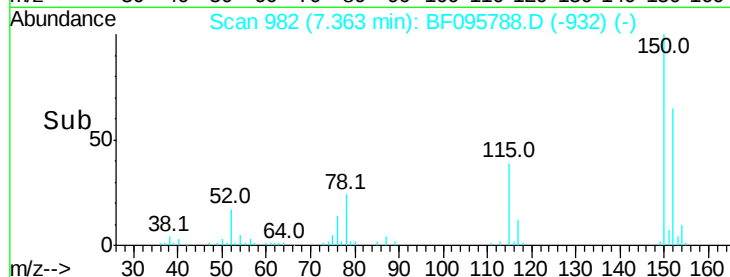
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF095788.D
Acq: 8 Jun 2017 17:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 68648
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 60.5 52.2 78.2



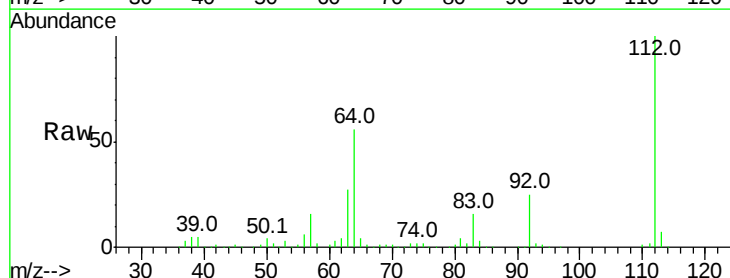
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



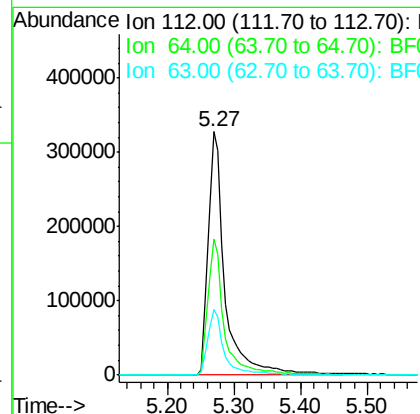
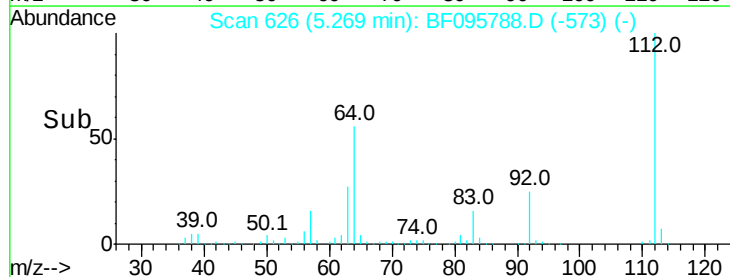
#5

2-Fluorophenol
Concen: 131.45 ng
RT: 5.27 min Scan# 626
Delta R.T. 0.01 min
Lab File: BF095788.D
Acq: 8 Jun 2017 17:49

Tgt Ion:112 Resp: 566318
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 26.7 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: 131.36 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF095788.D

Acq: 8 Jun 2017 17:49

Instrument :

BNA_F

ClientSampleId :

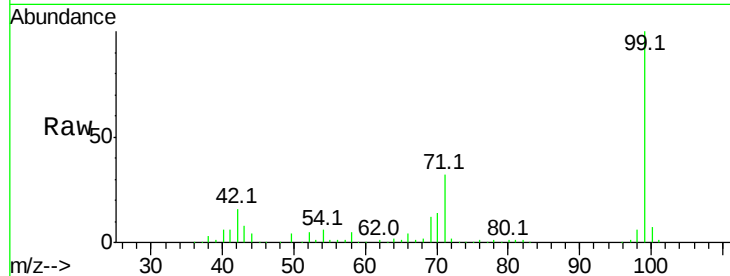
Tot Ion: 99 Resp: 677490

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

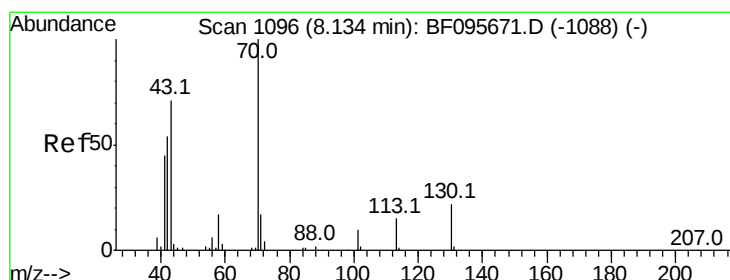
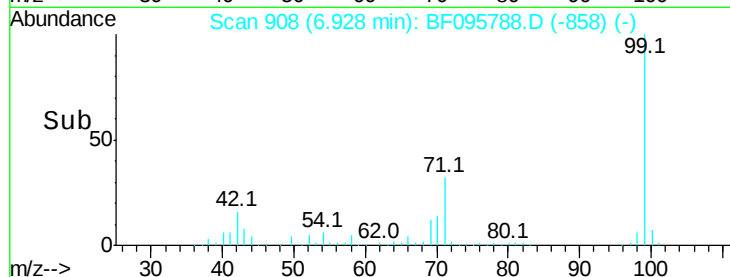
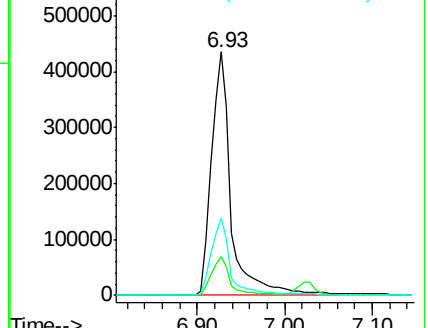
71 31.8 24.5 36.7



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: 14.75 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.18 min

Lab File: BF095788.D

Acq: 8 Jun 2017 17:49

Tgt Ion: 70 Resp: 48211

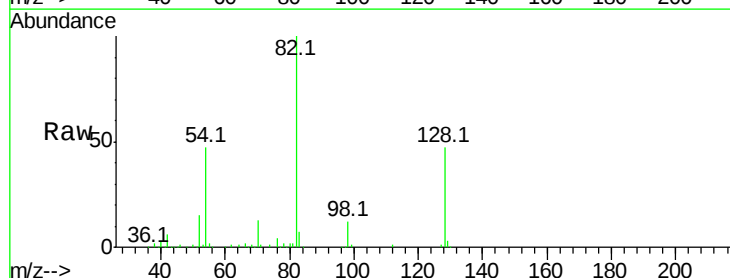
Ion Ratio Lower Upper

70 100

42 44.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

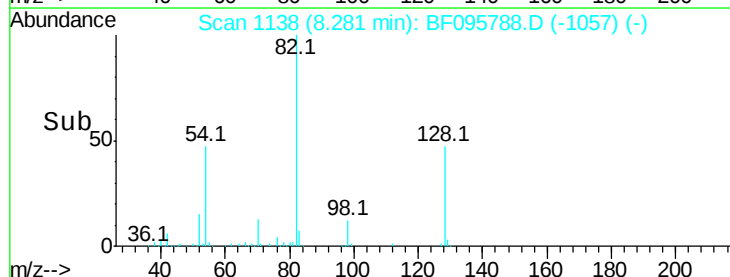
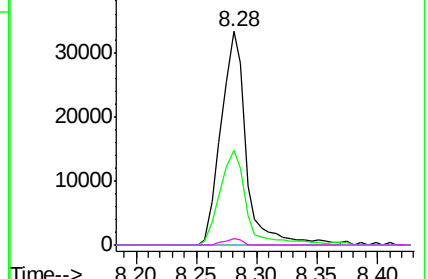


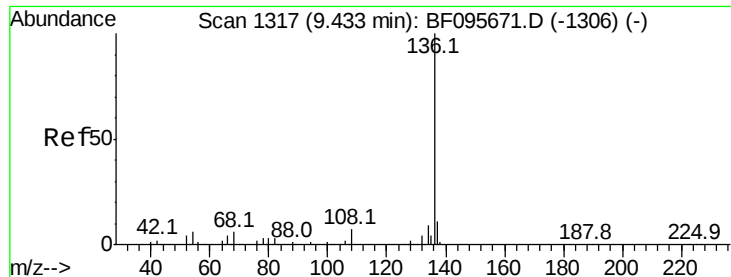
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

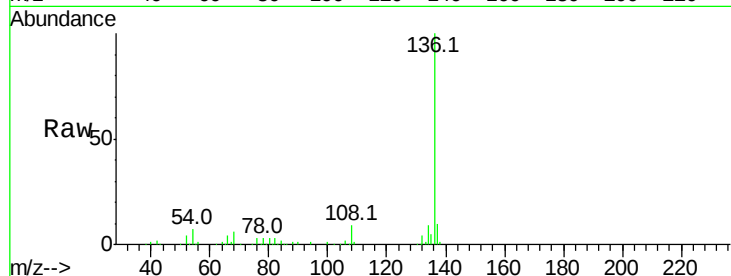




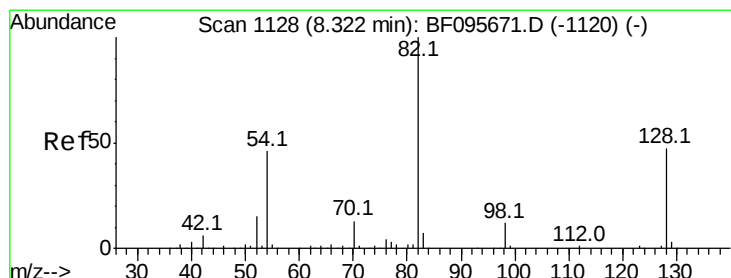
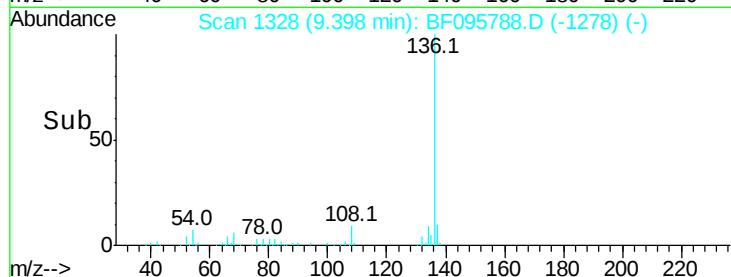
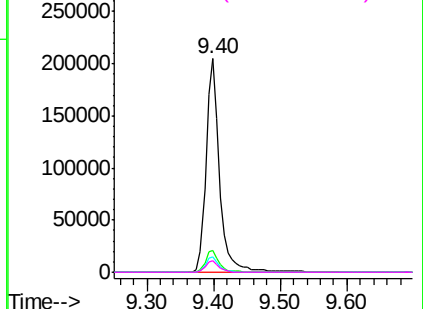
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF095788.D
Acq: 8 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	287634
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.5 12.7
54	7.0	4.9 7.3
68	5.5	4.1 6.1

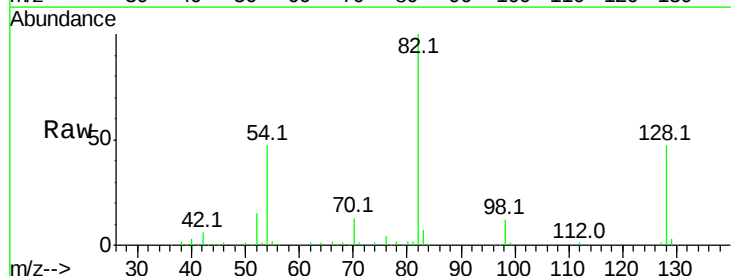


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

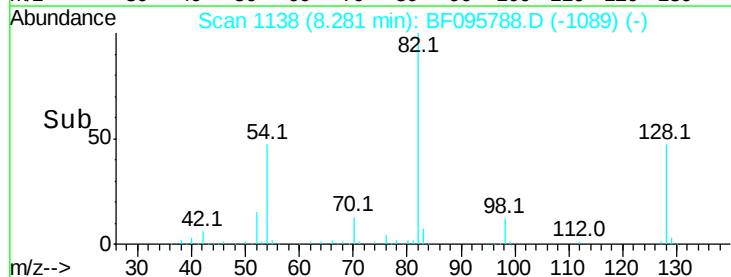
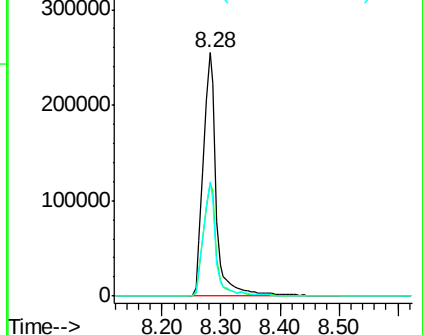


#23
Nitrobenzene-d5
Concen: 85.45 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF095788.D
Acq: 8 Jun 2017 17:49

Tgt Ion: 82	Resp:	395753
Ion	Ratio	Lower Upper
82	100	
128	46.5	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: 12.22 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF095788.D

Acq: 8 Jun 2017 17:49

Instrument :

BNA_F

ClientSampleId :

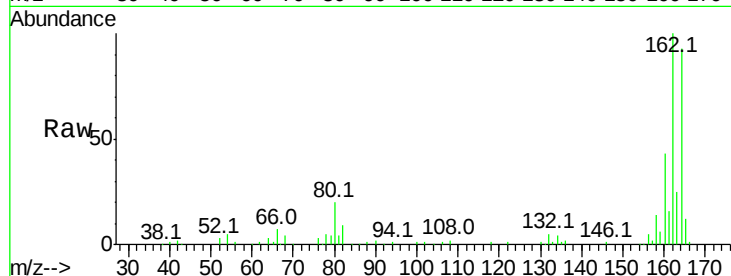
Tot Ion:164 Resp: 132651

Ion Ratio Lower Upper

164 100

162 107.2 82.6 123.8

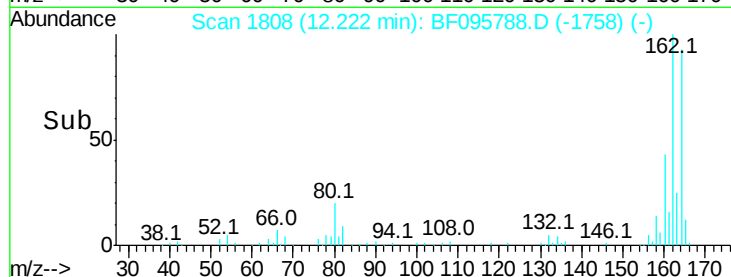
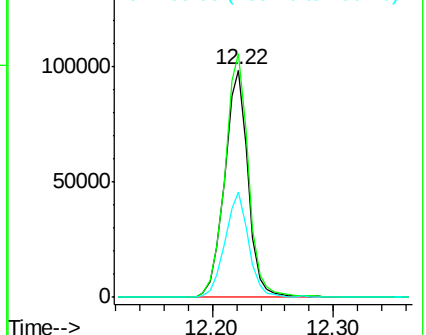
160 46.4 36.2 54.2



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: 125.06 ng

RT: 13.52 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF095788.D

Acq: 8 Jun 2017 17:49

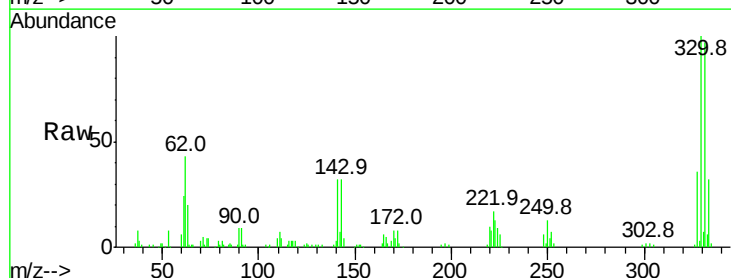
Tgt Ion:330 Resp: 146776

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

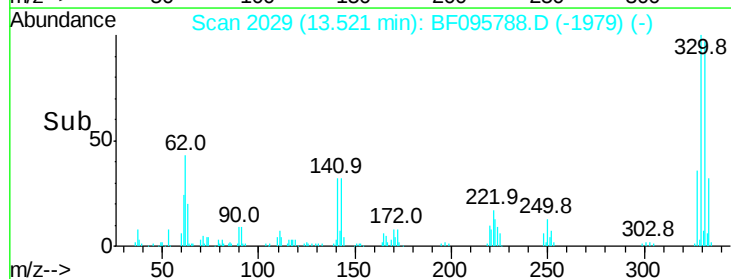
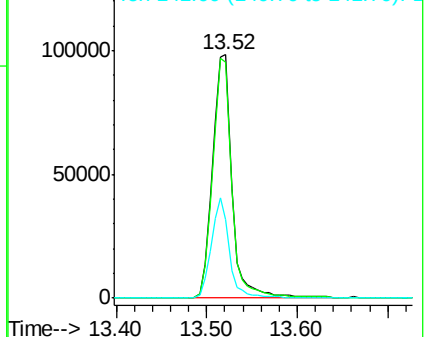
141 38.3 31.4 47.2



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

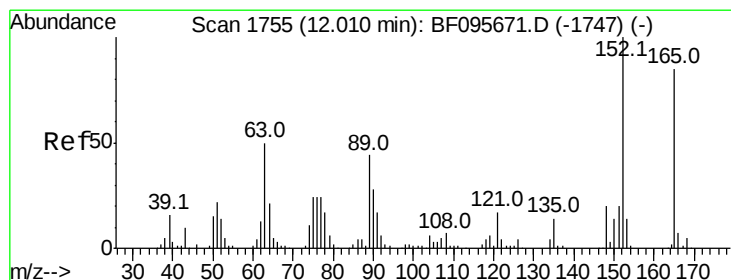
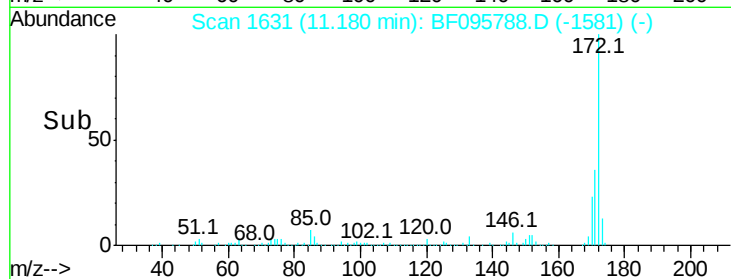
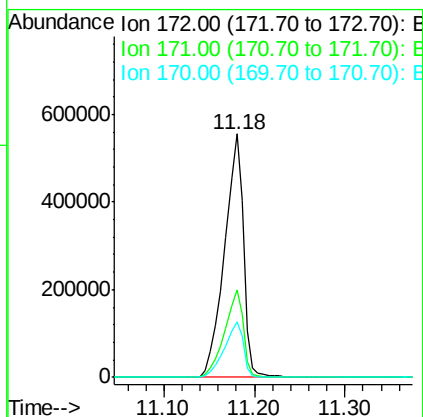
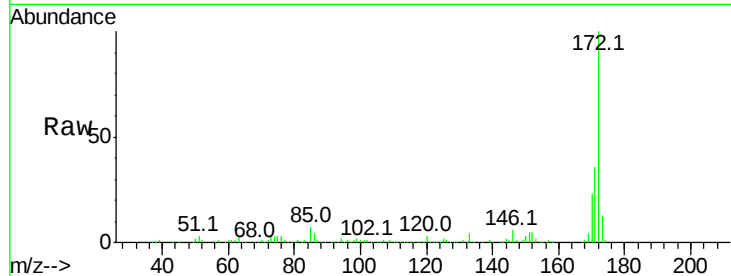




#44
2-Fluorobiphenyl
Concen: 84.85 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095788.D
Acq: 8 Jun 2017 17:49

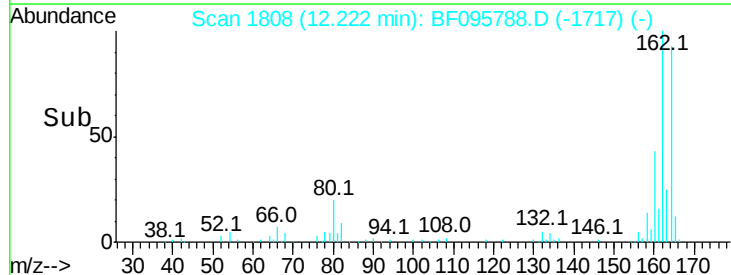
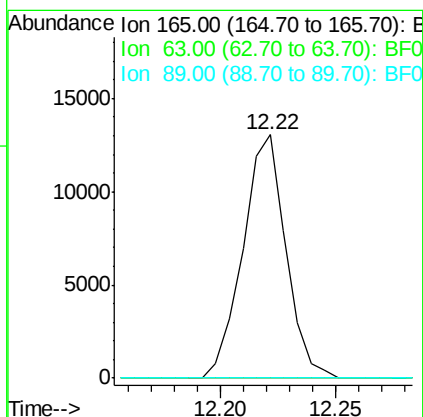
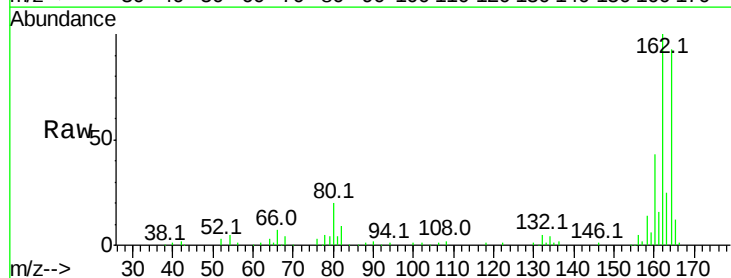
Instrument :
BNA_F
ClientSampleId :

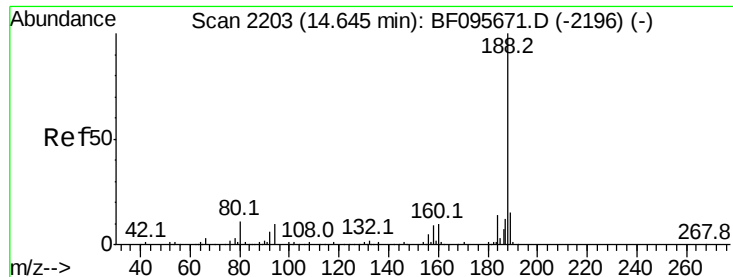
Tot Ion:172 Resp: 808800
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 22.9 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 12.22 min Scan# 1808
Delta R.T. 0.24 min
Lab File: BF095788.D
Acq: 8 Jun 2017 17:49

Tgt Ion:165 Resp: 16920
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

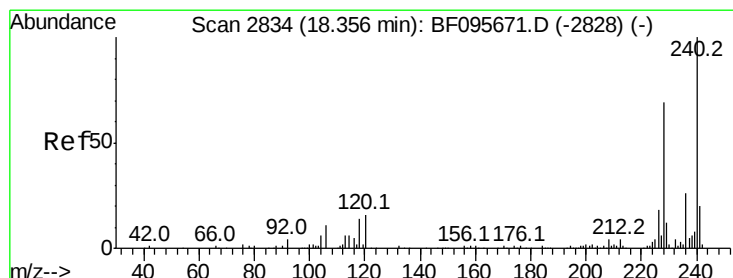
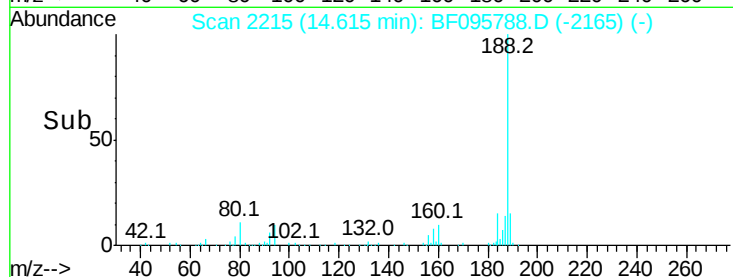
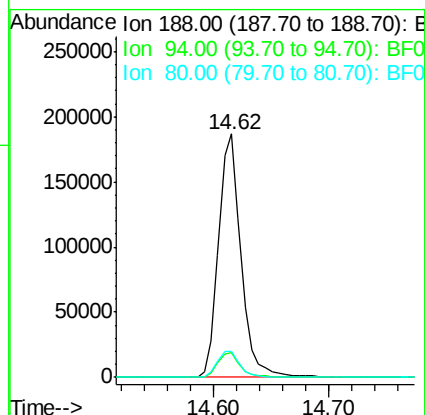
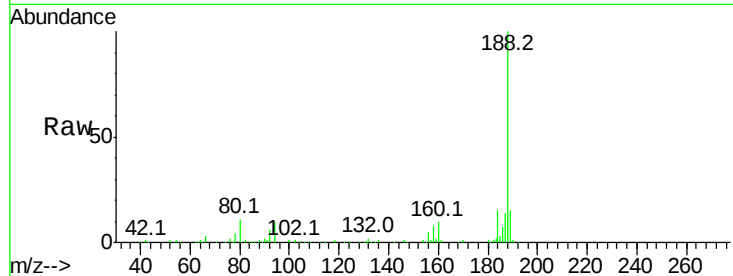




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF095788.D
Acq: 8 Jun 2017 17:49

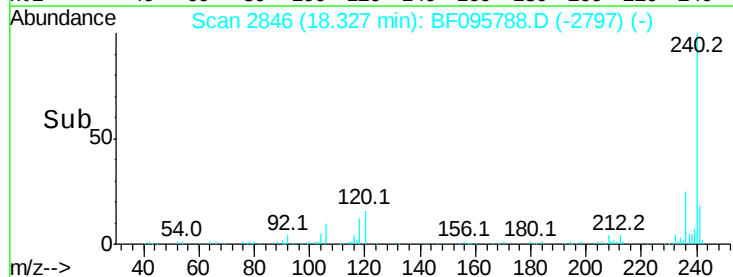
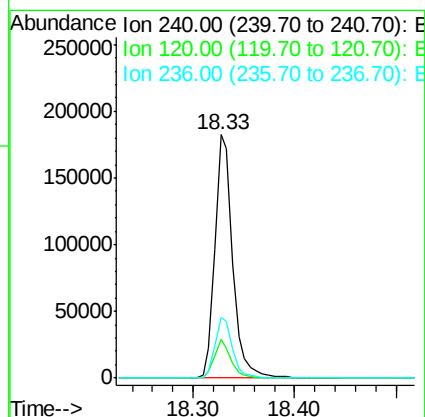
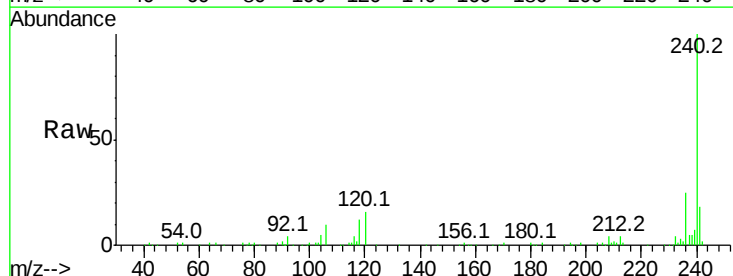
Instrument :
BNA_F
ClientSampleId :

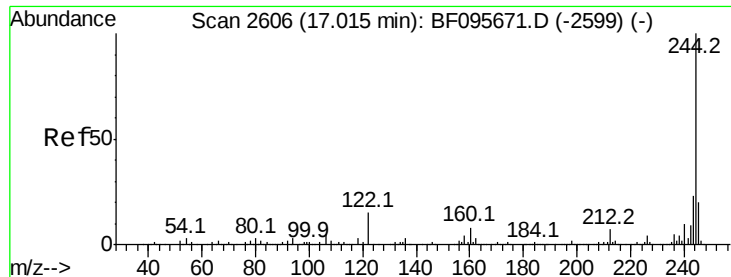
Tot Ion:188 Resp: 251486
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 10.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095788.D
Acq: 8 Jun 2017 17:49

Tgt Ion:240 Resp: 222193
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.0 20.5 30.7

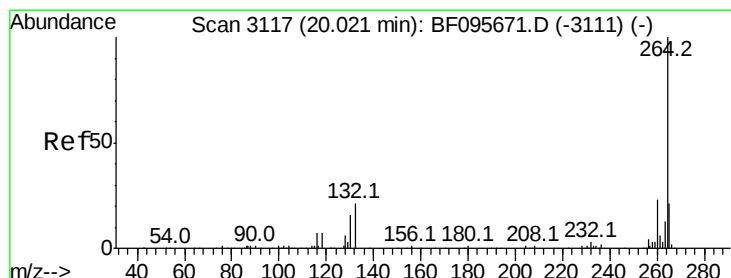
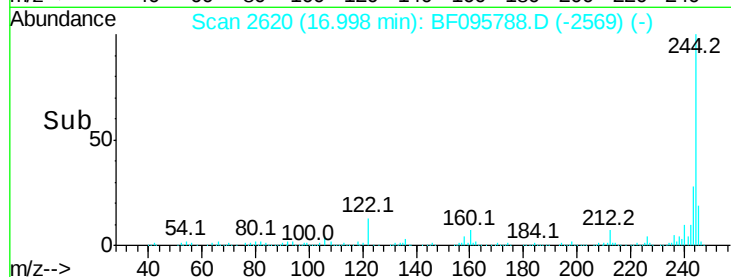
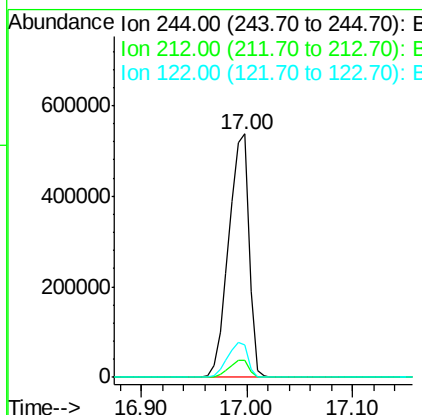
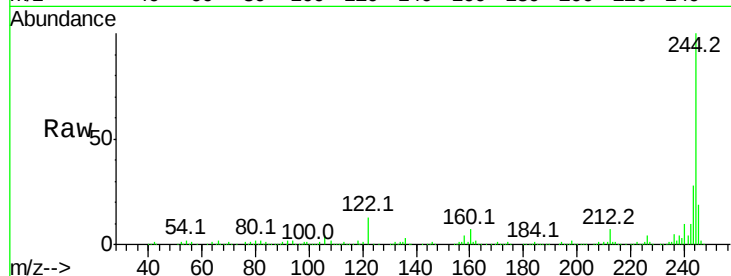




#78
 Terphenyl-d14
 Concen: 79.72 ng
 RT: 17.00 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BF095788.D
 Acq: 8 Jun 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 713714
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. 0.00 min
 Lab File: BF095788.D
 Acq: 8 Jun 2017 17:49

Tgt Ion:264 Resp: 179874
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 21.0 17.2 25.8

