

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095386.D
 Acq On : 24 May 2017 13:38
 Operator : SJ/MA
 Sample : I3249-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:43:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	93291	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	351113	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	152574	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	294032	20.00	ng	-0.02
75) Chrysene-d12	18.69	240	163569	20.00	ng	0.00
86) Perylene-d12	20.37	264	170229	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	941655	168.28	ng	-0.02
7) Phenol-d6	7.30	99	1158635	172.57	ng	-0.02
23) Nitrobenzene-d5	8.65	82	626856	112.58	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	224841	179.94	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1151420	108.62	ng	-0.02
78) Terphenyl-d14	17.32	244	755031	101.67	ng	-0.02

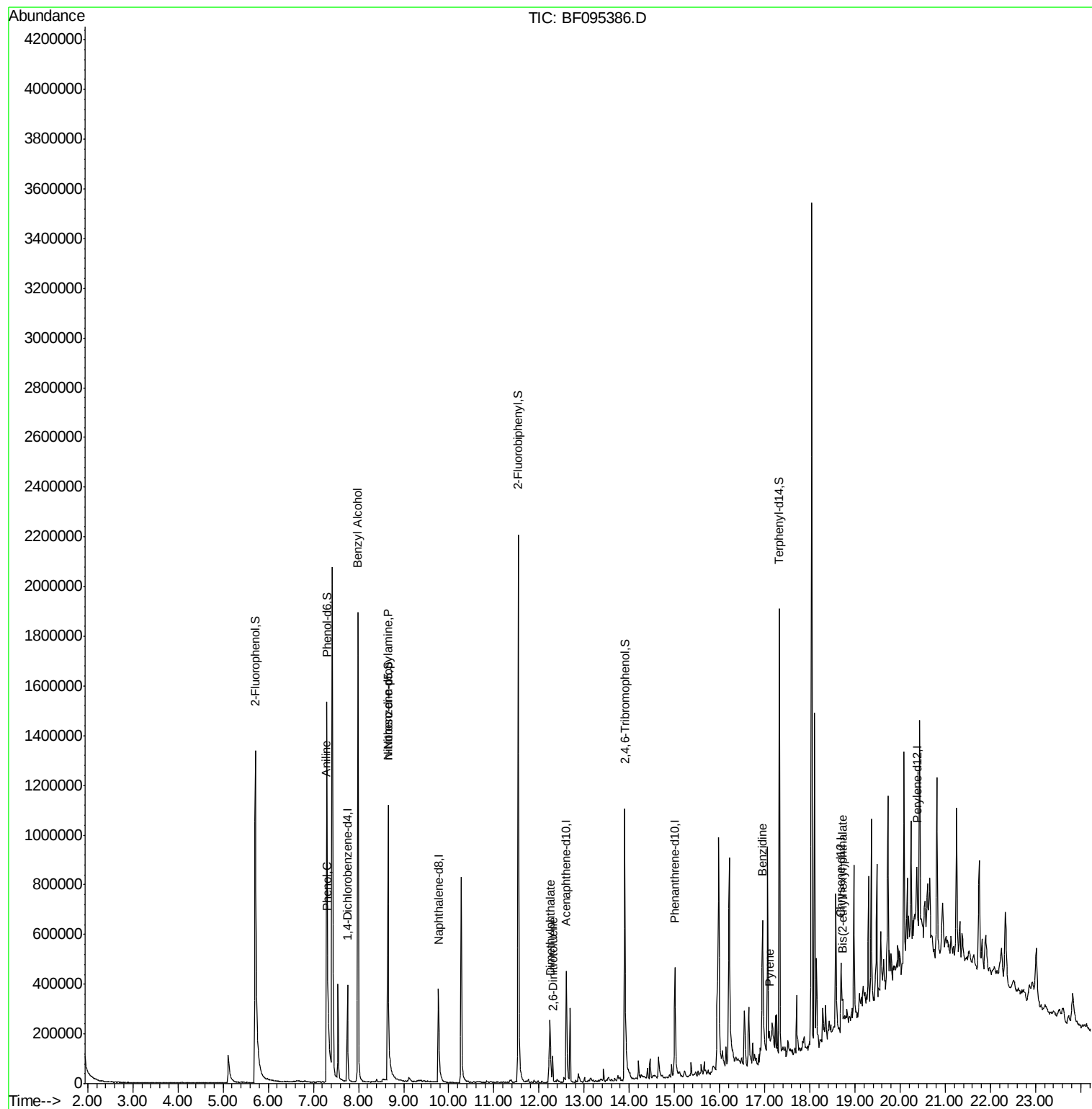
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	7.28	93	27410	3.23	ng	# 58
10) Phenol	7.32	94	16466	2.33	ng	# 12
15) Benzyl Alcohol	7.99	79	10648	2.47	ng	# 37
19) n-Nitroso-di-n-propylamine	8.65	70	76093	16.76	ng	# 75
49) Dimethylphthalate	12.24	163	194174	15.50	ng	97
50) 2,6-Dinitrotoluene	12.30	165	13891	5.44	ng	# 34
76) Benzidine	16.95	184	140	6.62	ng	# 1
77) Pyrene	17.11	202	27087	2.21	ng	98
83) Bis(2-ethylhexyl)phthalate	18.72	149	21548	2.66	ng	91

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095386.D
Acq On : 24 May 2017 13:38
Operator : SJ/MA
Sample : I3249-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 25 01:43:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



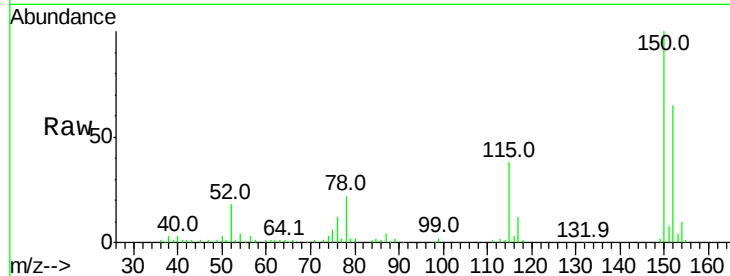


#1

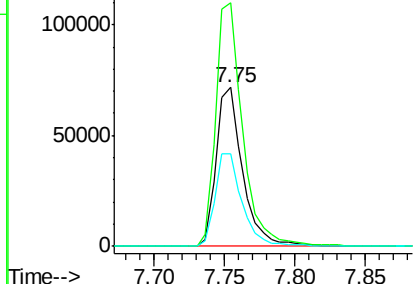
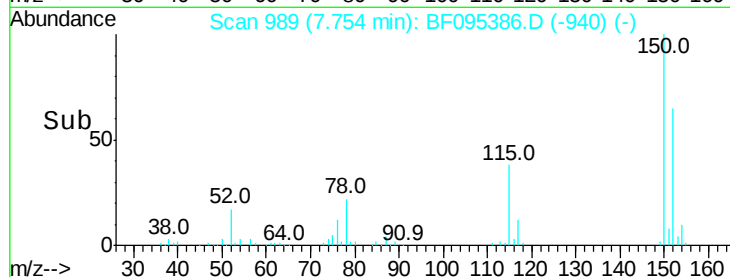
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095386.D
Acq: 24 May 2017 13:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 93291
Ion Ratio Lower Upper
152 100
150 153.1 126.2 189.2
115 58.5 52.2 78.2



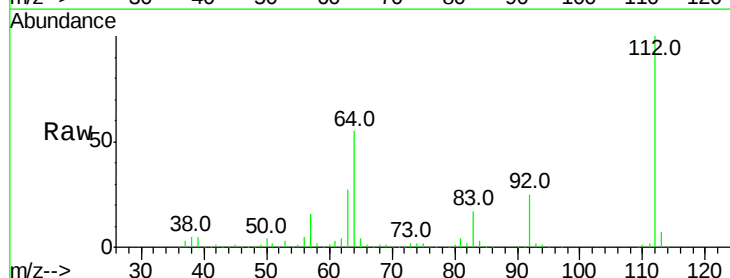
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



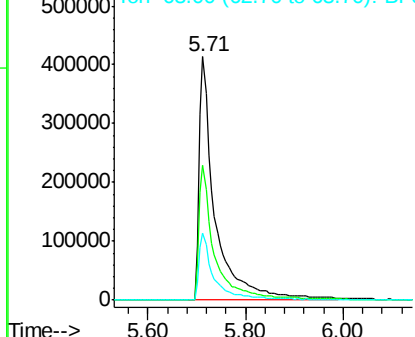
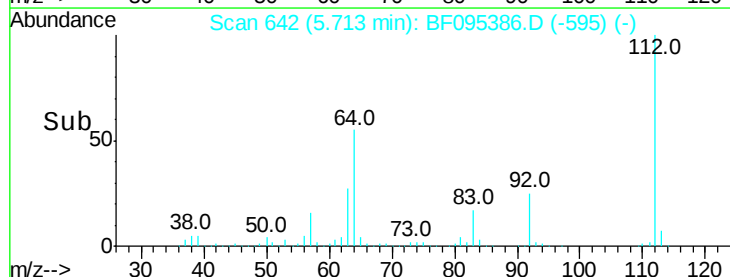
#5

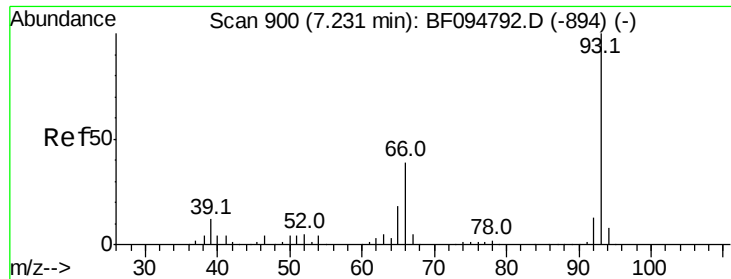
2-Fluorophenol
Concen: 168.28 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095386.D
Acq: 24 May 2017 13:38

Tgt Ion:112 Resp: 941655
Ion Ratio Lower Upper
112 100
64 55.5 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





#6

Aniline

Concen: 3.23 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

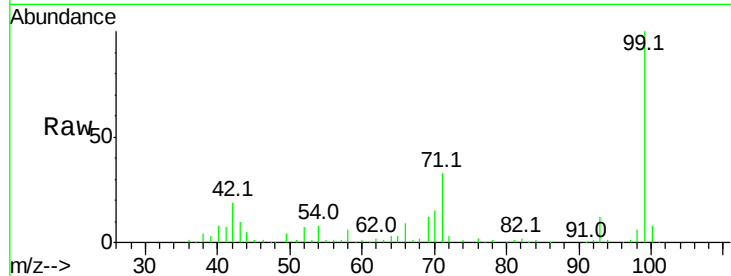
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 27410

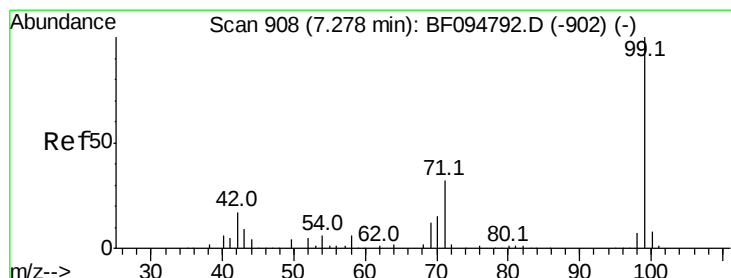
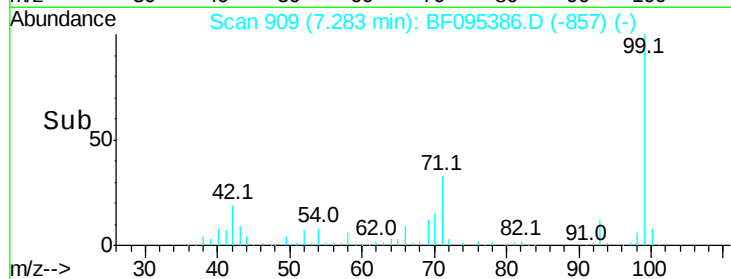
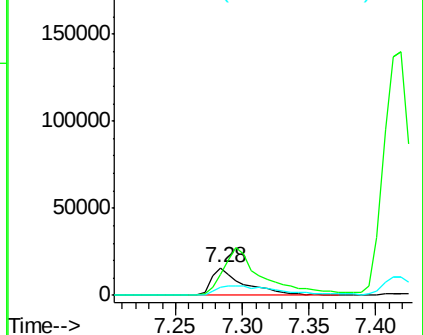
Ion	Ratio	Lower	Upper
93	100		
66	74.3	32.9	49.3#
65	28.7	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 172.57 ng

RT: 7.30 min Scan# 911

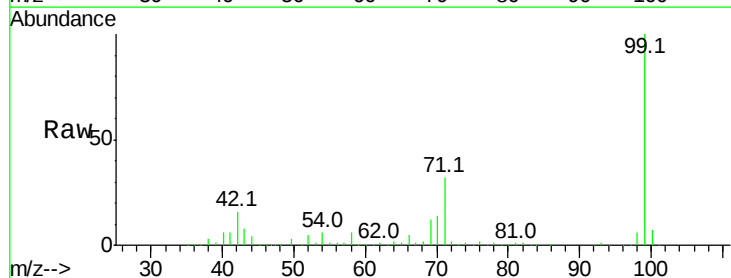
Delta R.T. -0.02 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

Tgt Ion: 99 Resp: 1158635

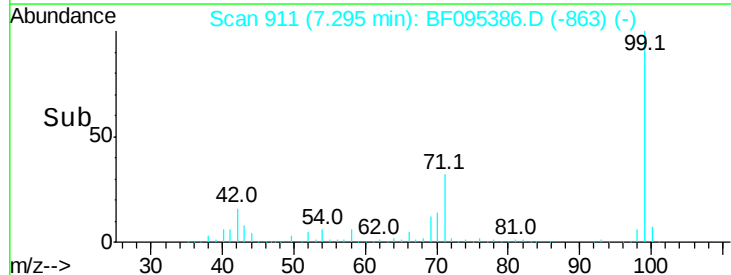
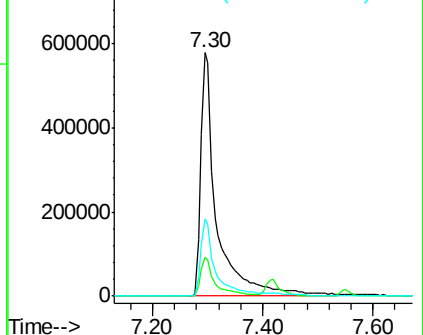
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	31.6	24.5	36.7

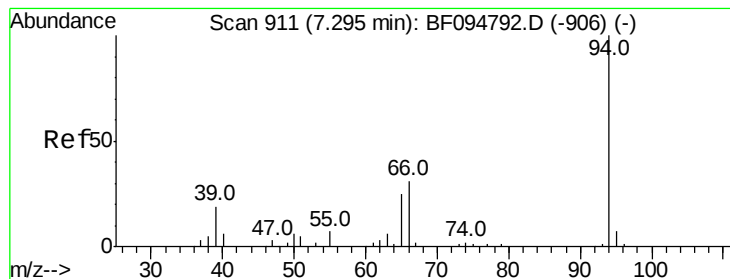


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.33 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

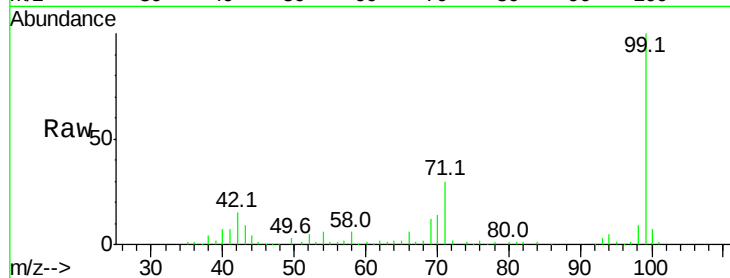
Tot Ion: 94 Resp: 16466

Ion Ratio Lower Upper

94 100

65 48.6 9.9 49.9

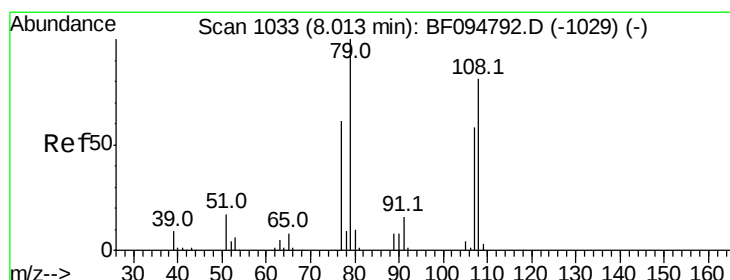
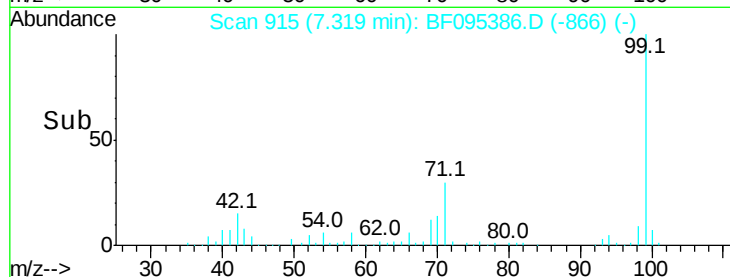
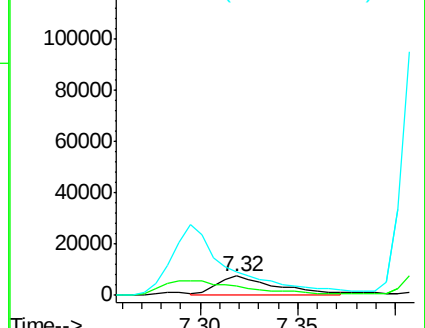
66 123.2 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

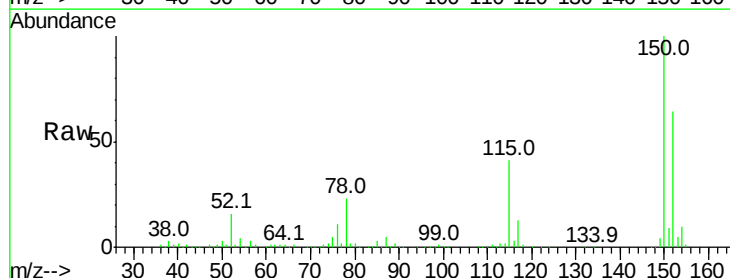
Tgt Ion: 79 Resp: 10648

Ion Ratio Lower Upper

79 100

108 27.7 63.4 95.0#

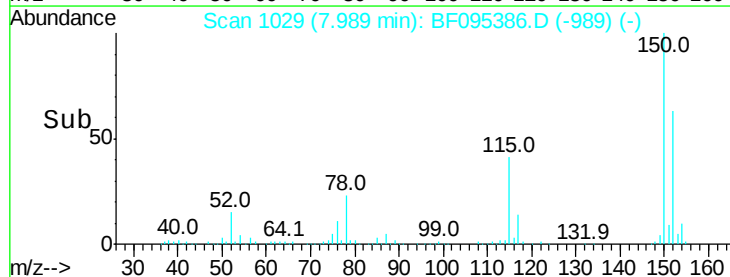
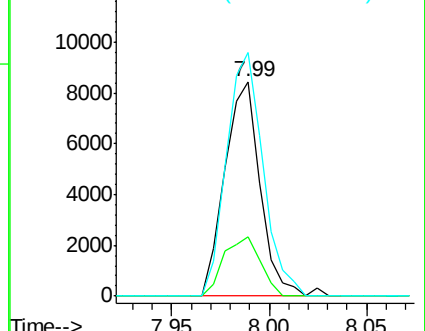
77 113.4 49.2 73.8#

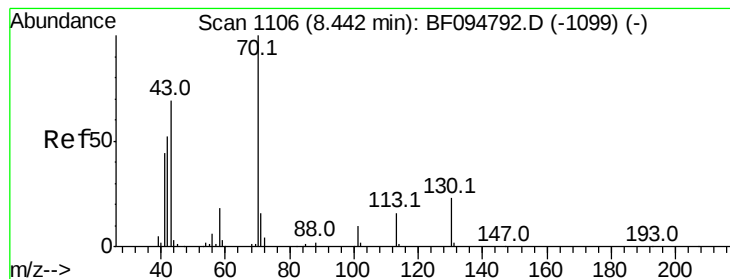


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.76 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 76093

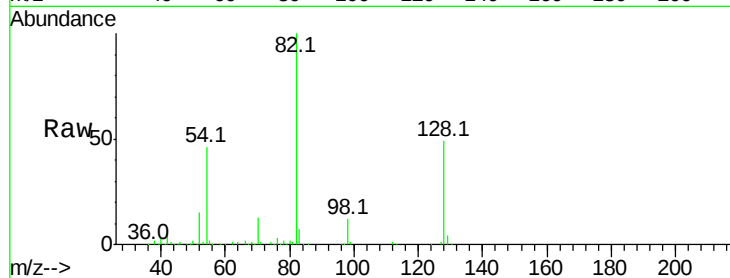
Ion Ratio Lower Upper

70 100

42 43.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 15.9 23.9#

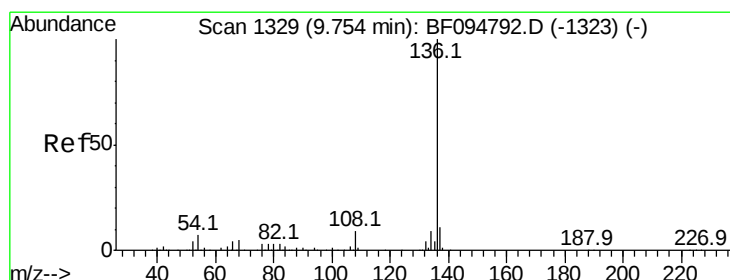
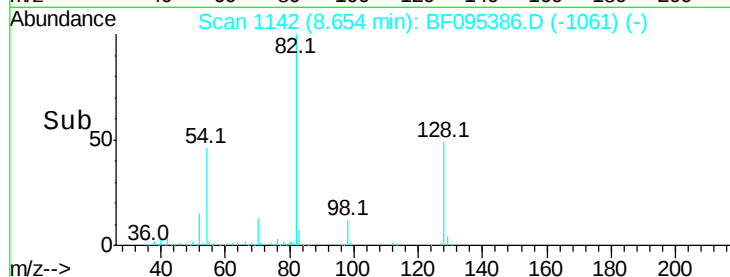
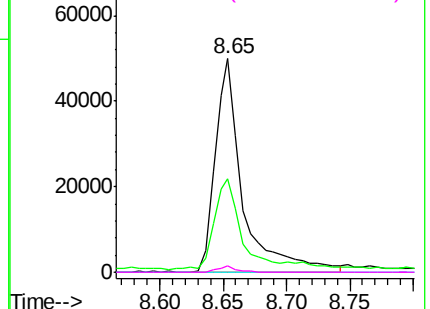


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

Tgt Ion:136 Resp: 351113

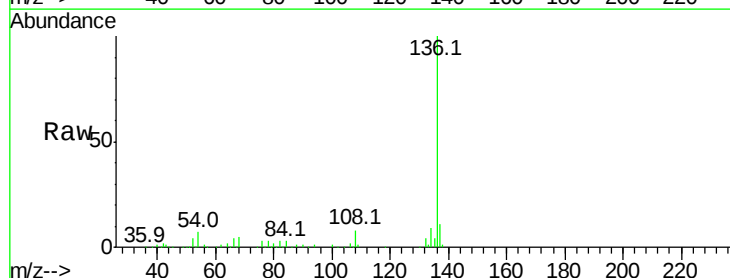
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.6 4.9 7.3

68 5.1 4.1 6.1

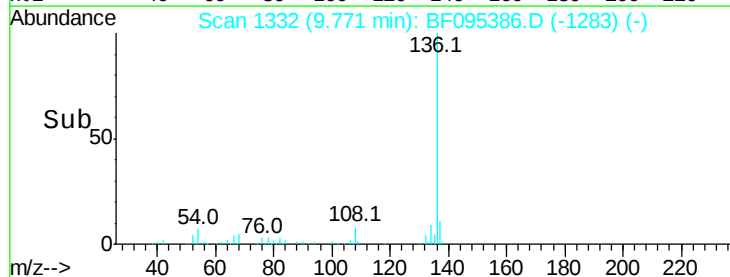
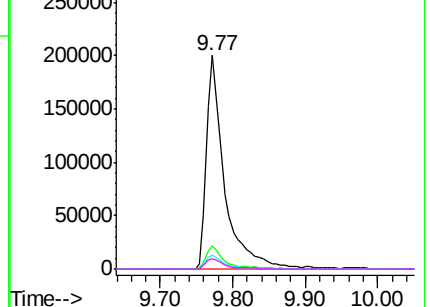


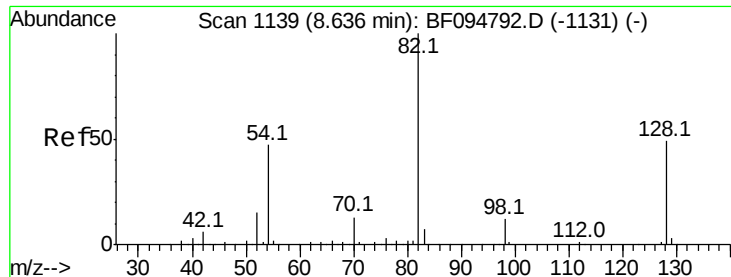
Abundance Ion 136.00 (135.70 to 136.70): E

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

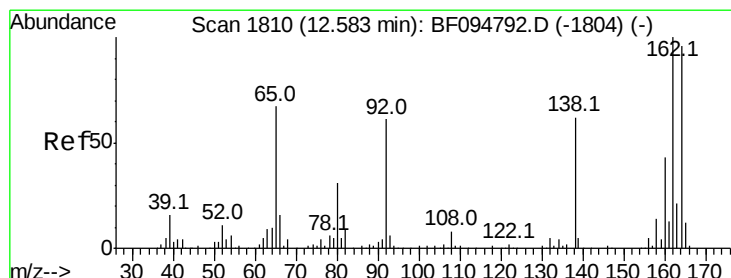
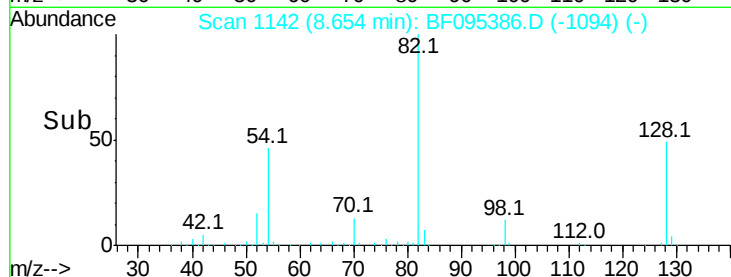
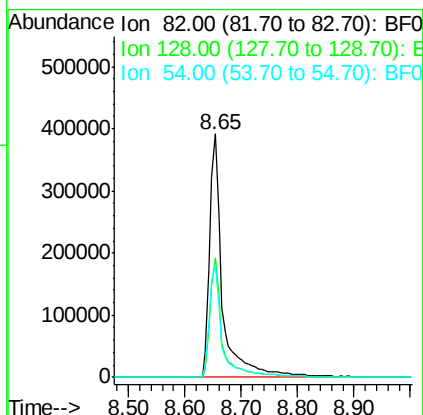
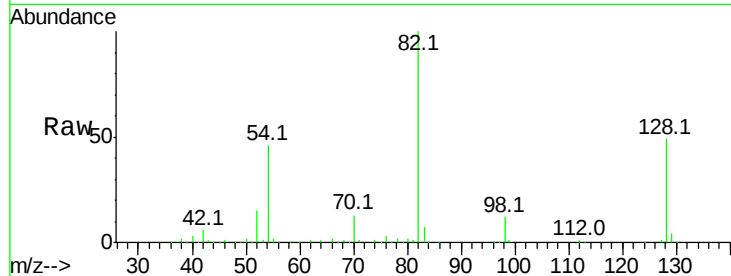




#23
Nitrobenzene-d5
Concen: 112.58 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF095386.D
Acq: 24 May 2017 13:38

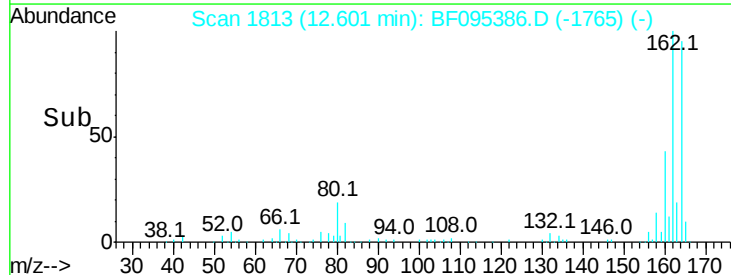
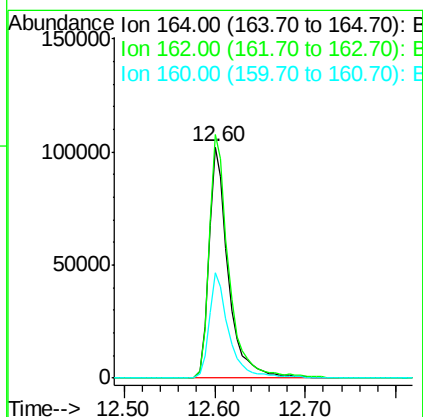
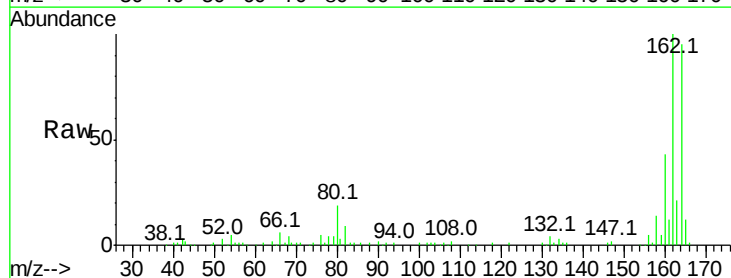
Instrument :
BNA_F
ClientSampleId :

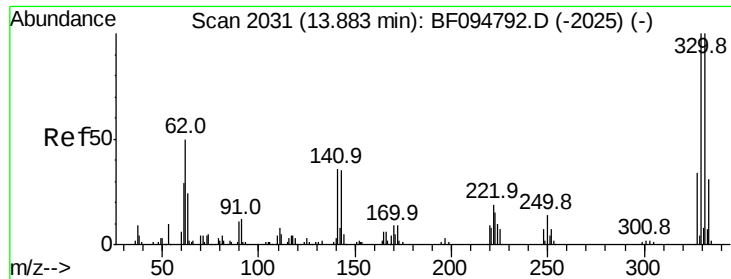
Tot Ion	82	Resp	626856
Ion Ratio	100	Lower	Upper
128	49.3	34.0	51.0
54	46.0	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095386.D
Acq: 24 May 2017 13:38

Tgt Ion	164	Resp	152574
Ion Ratio	100	Lower	Upper
162	105.4	82.6	123.8
160	45.6	36.2	54.2

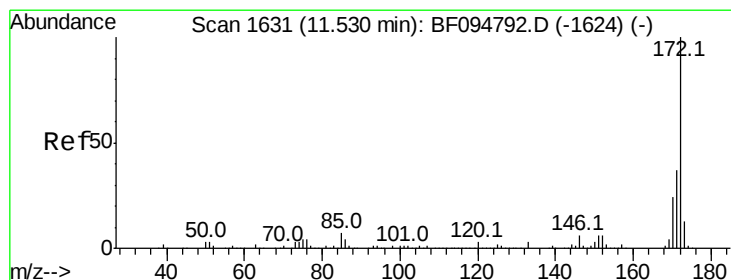
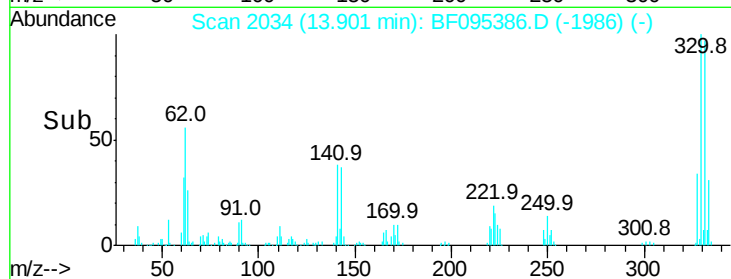
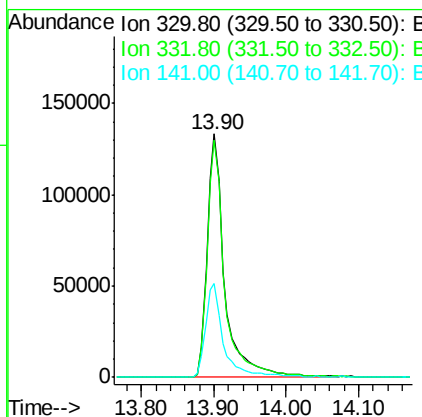
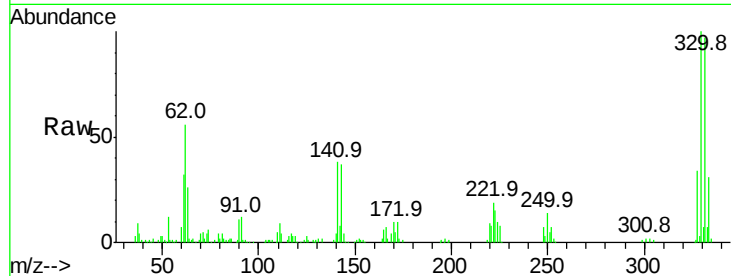




#41
 2,4,6-Tribromophenol
 Concen: 179.94 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095386.D
 Acq: 24 May 2017 13:38

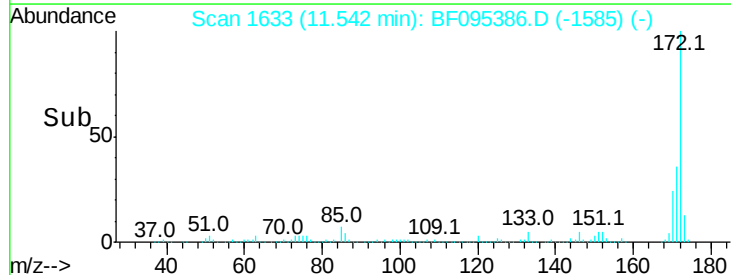
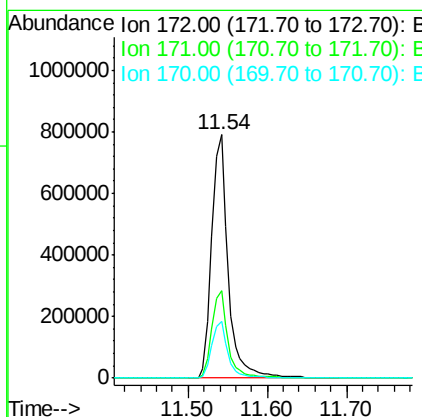
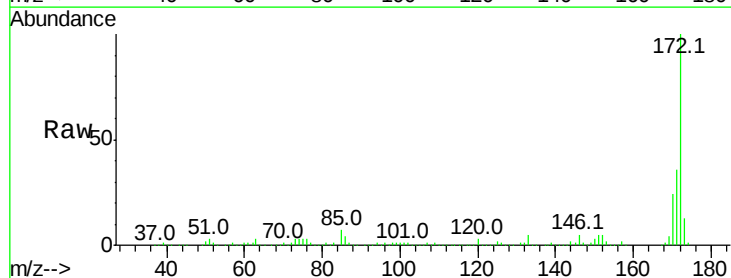
Instrument :
 BNA_F
 ClientSampleId :

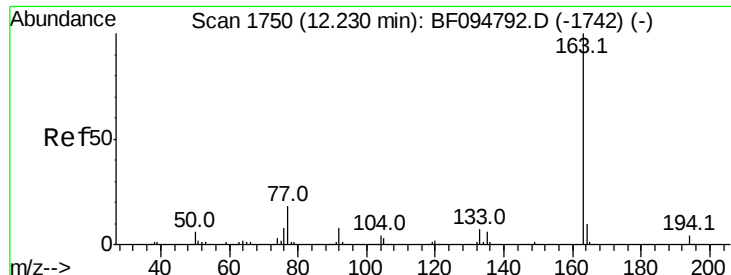
Tot Ion:330 Resp: 224841
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 39.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 108.62 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095386.D
 Acq: 24 May 2017 13:38

Tgt Ion:172 Resp: 1151420
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.5 19.8 29.8





#49

Dimethylphthalate

Concen: 15.50 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

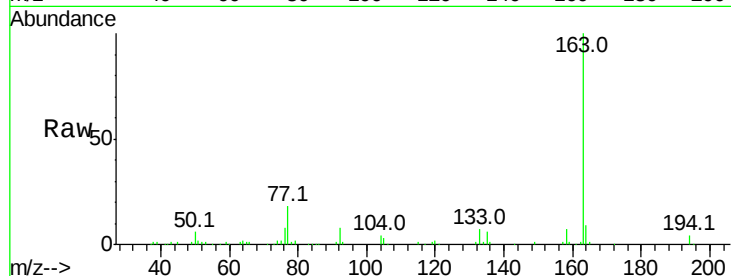
Tot Ion:163 Resp: 194174

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

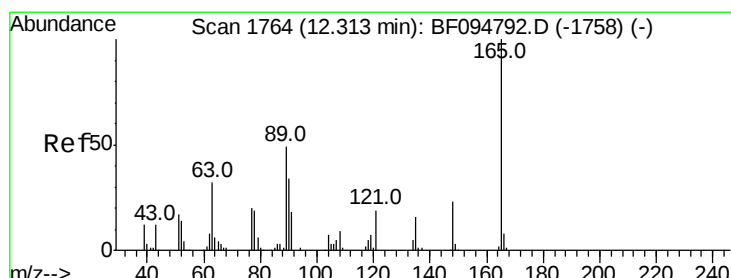
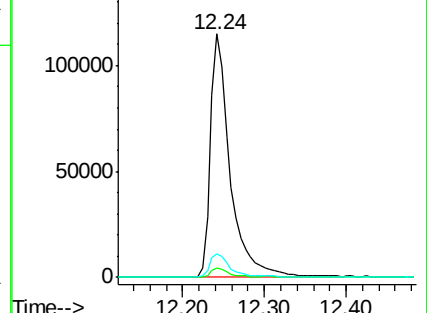
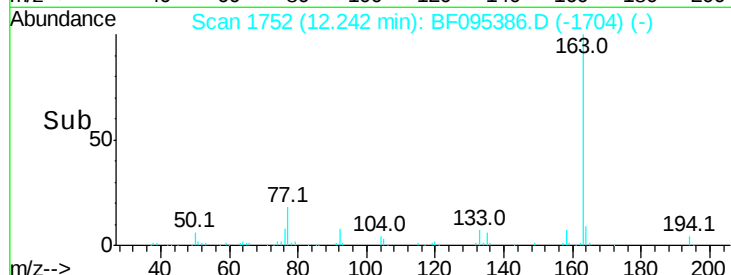
164 9.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 5.44 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.06 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

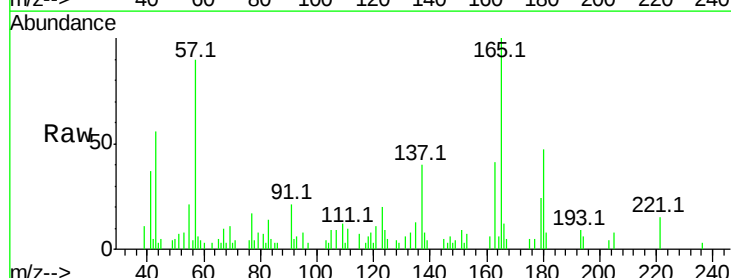
Tgt Ion:165 Resp: 13891

Ion Ratio Lower Upper

165 100

63 2.8 34.3 51.5#

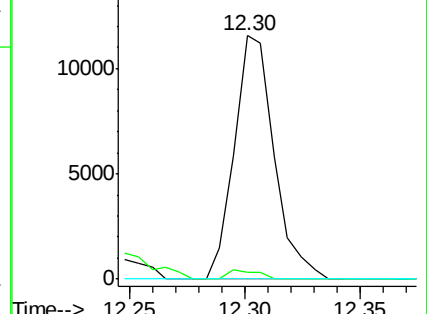
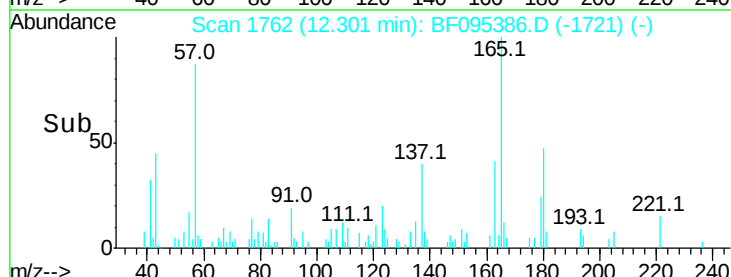
89 0.0 37.1 55.7#

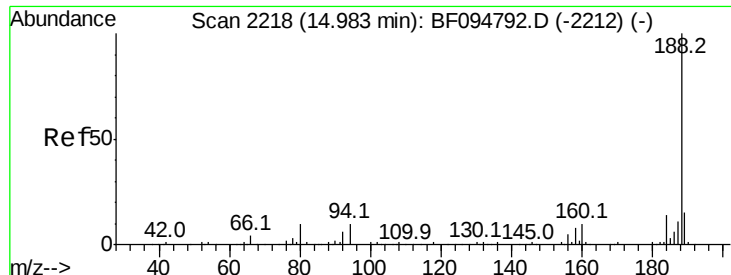


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

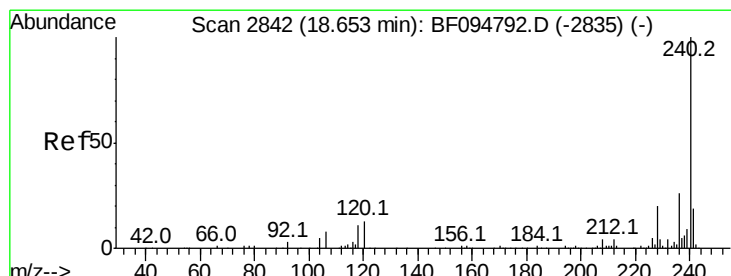
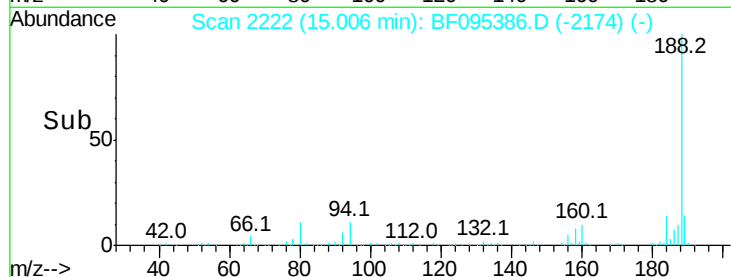
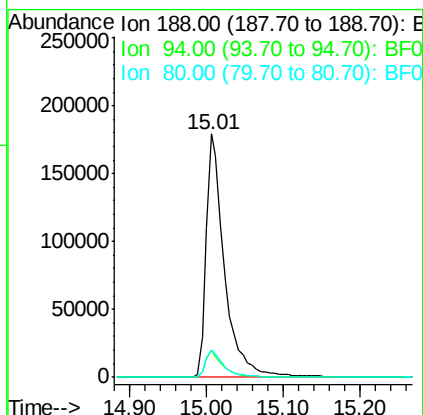
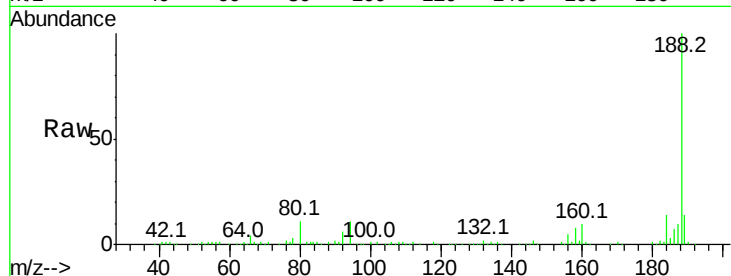




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095386.D
 Acq: 24 May 2017 13:38

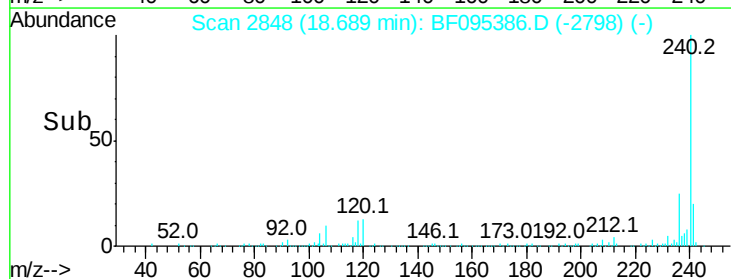
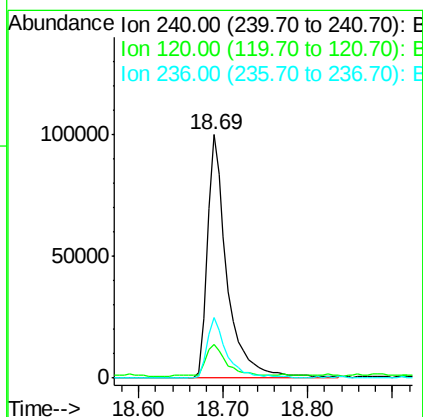
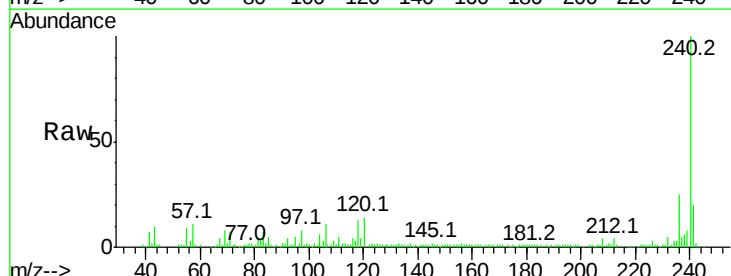
Instrument :
 BNA_F
 ClientSampleId :

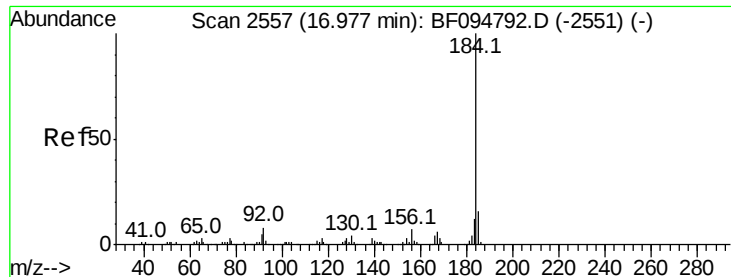
Tot Ion:188 Resp: 294032
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.4 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095386.D
 Acq: 24 May 2017 13:38

Tgt Ion:240 Resp: 163569
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.7 20.5 30.7





#76

Benzidine

Concen: 6.62 ng

RT: 16.95 min Scan# 2553

Delta R.T. -0.06 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

Instrument :

BNA_F

ClientSampleId :

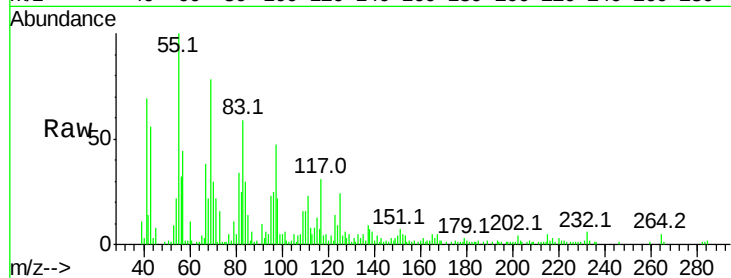
Tot Ion:184 Resp: 140

Ion Ratio Lower Upper

184 100

185 199.0 15.5 23.3#

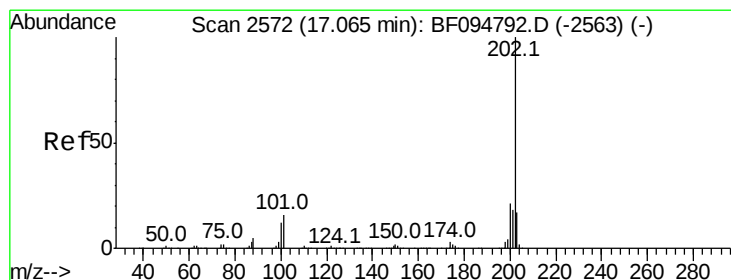
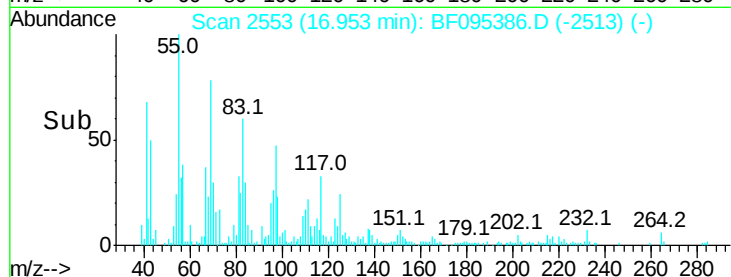
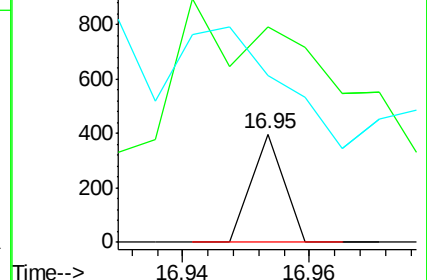
183 154.2 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 2.21 ng

RT: 17.11 min Scan# 2579

Delta R.T. -0.00 min

Lab File: BF095386.D

Acq: 24 May 2017 13:38

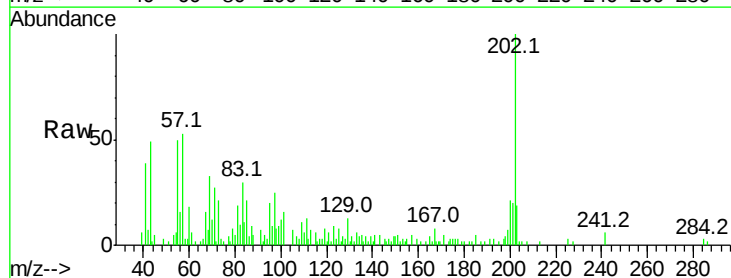
Tgt Ion:202 Resp: 27087

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

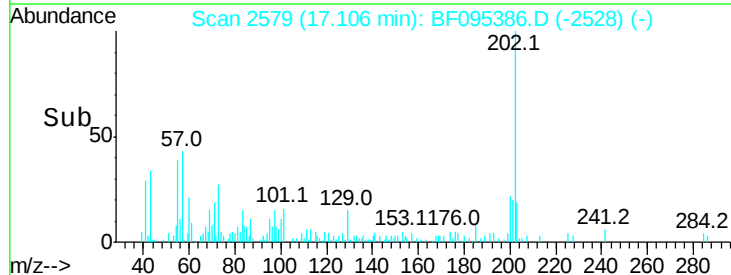
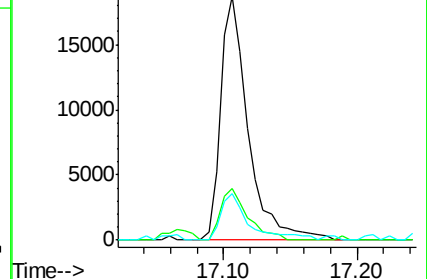
203 19.0 14.4 21.6

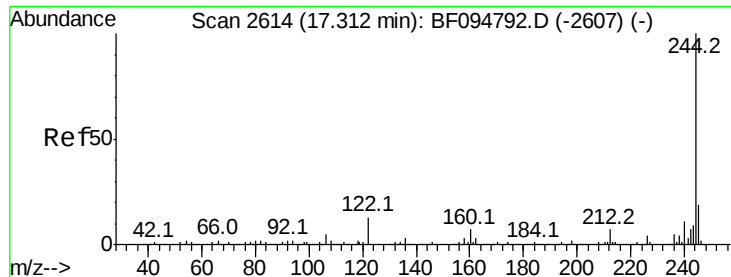


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

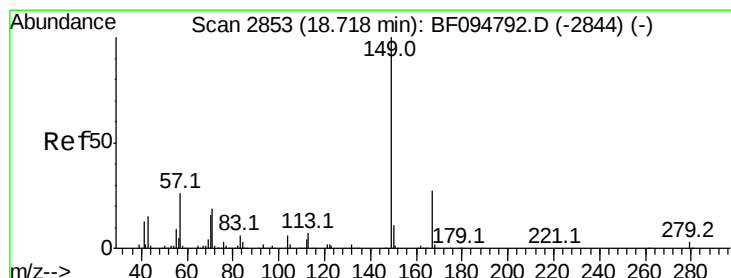
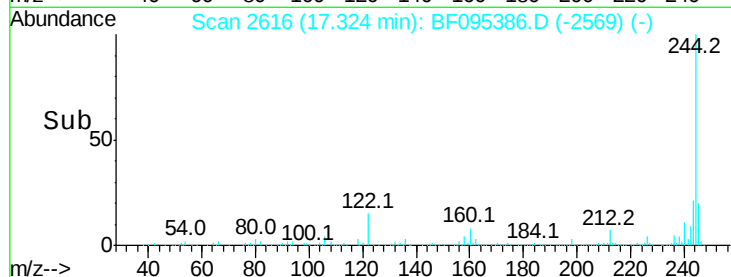
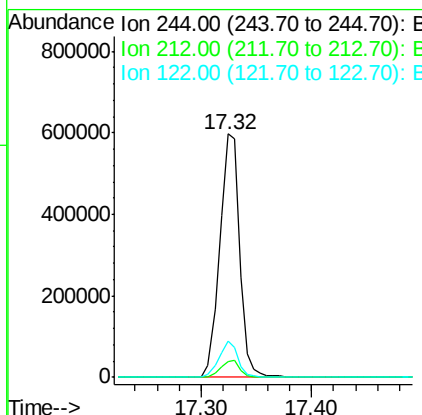
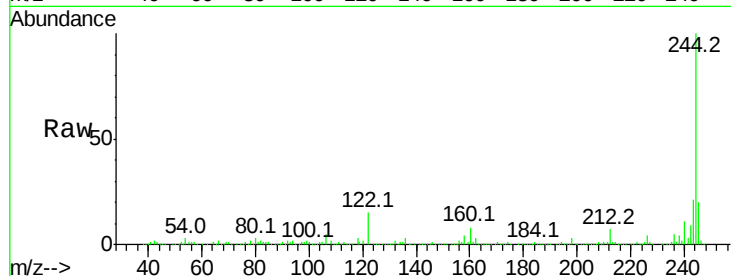




#78
 Terphenyl-d14
 Concen: 101.67 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF095386.D
 Acq: 24 May 2017 13:38

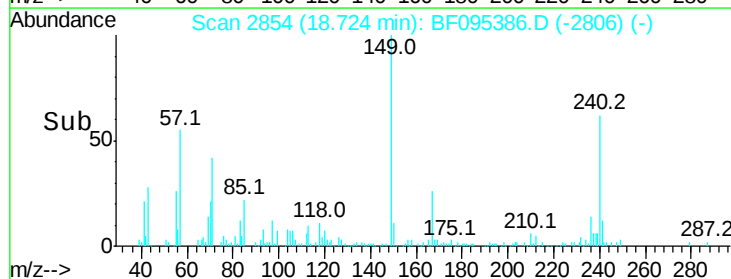
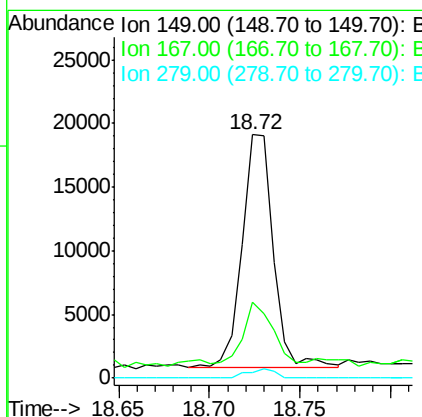
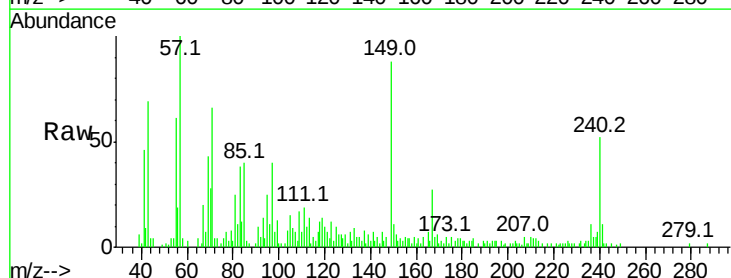
Instrument :
 BNA_F
 ClientSampleId :

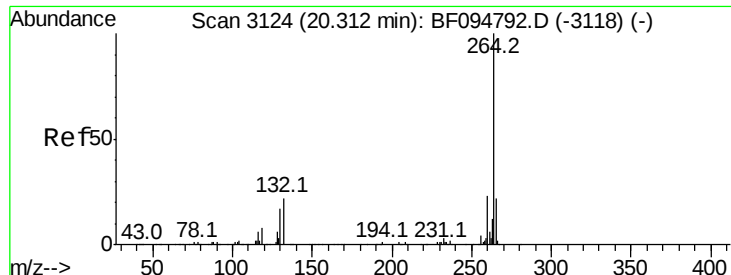
Tot Ion:244 Resp: 755031
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.7 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.66 ng
 RT: 18.72 min Scan# 2854
 Delta R.T. -0.02 min
 Lab File: BF095386.D
 Acq: 24 May 2017 13:38

Tgt Ion:149 Resp: 21548
 Ion Ratio Lower Upper
 149 100
 167 31.3 21.0 31.4
 279 2.2 1.9 2.9





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095386.D
Acq: 24 May 2017 13:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.6	17.2	25.8

