

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095343.D
 Acq On : 23 May 2017 8:49
 Operator : SJ/MA
 Sample : I3243-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 11:33:46 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

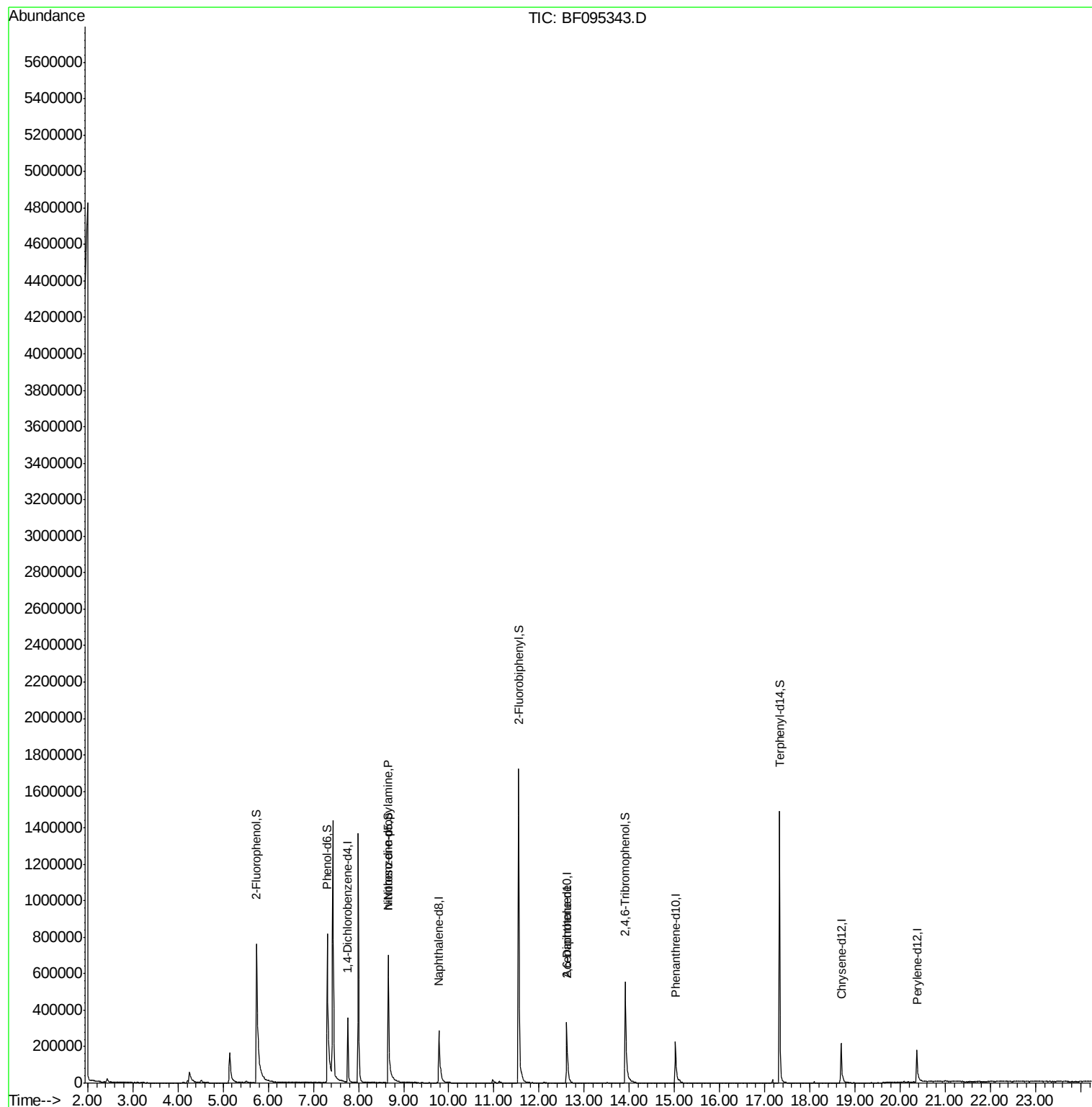
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	82488	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	332335	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	147397	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	185635	20.00	ng	0.00
75) Chrysene-d12	18.69	240	163017	20.00	ng	0.00
86) Perylene-d12	20.37	264	134250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	658318	133.06	ng	0.00
7) Phenol-d6	7.31	99	759766	127.98	ng	0.00
23) Nitrobenzene-d5	8.66	82	489746	92.93	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	147757	122.40	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1016310	99.24	ng	-0.01
78) Terphenyl-d14	17.33	244	636004	85.93	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.66	70	55313	13.78	ng	# 74
50) 2,6-Dinitrotoluene	12.61	165	13991	5.67	ng	# 31

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

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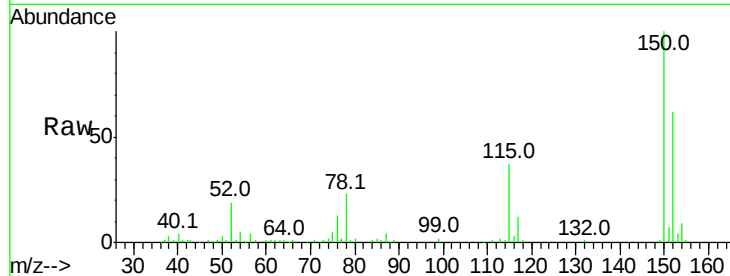


#1

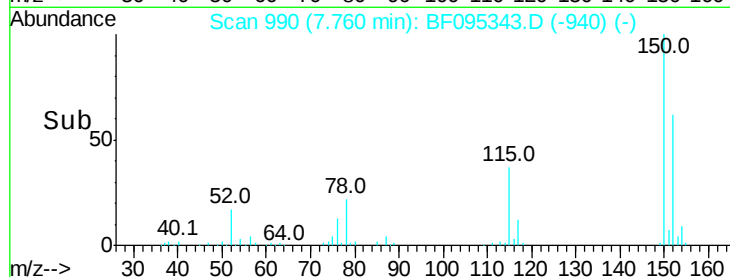
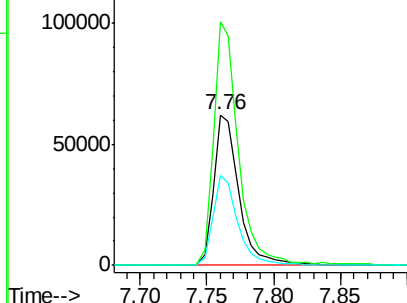
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095343.D
Acq: 23 May 2017 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 82488
Ion Ratio Lower Upper
152 100
150 161.5 126.2 189.2
115 60.0 52.2 78.2



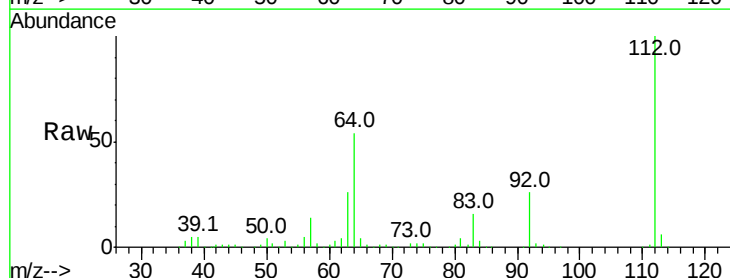
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



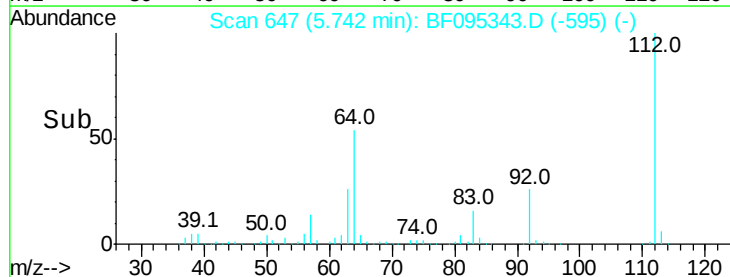
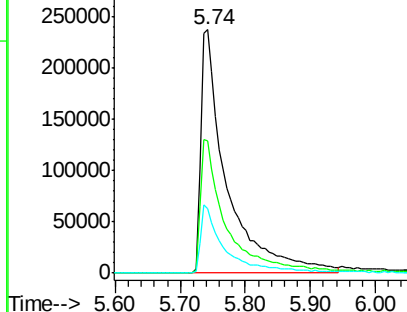
#5

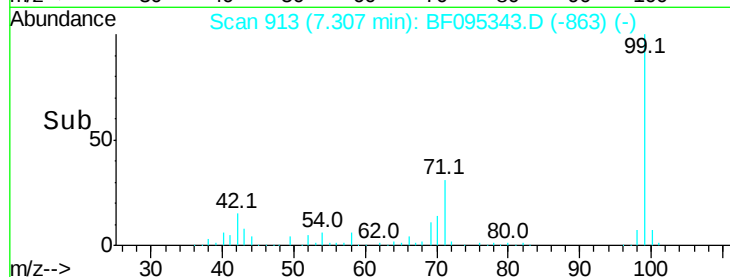
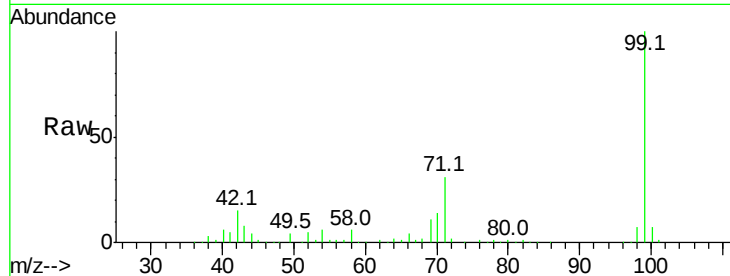
2-Fluorophenol
Concen: 133.06 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095343.D
Acq: 23 May 2017 8:49

Tgt Ion:112 Resp: 658318
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 26.3 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: 127.98 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095343.D

Acq: 23 May 2017 8:49

Instrument :

BNA_F

ClientSampleId :

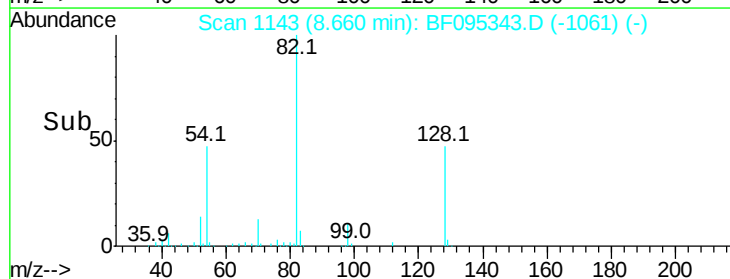
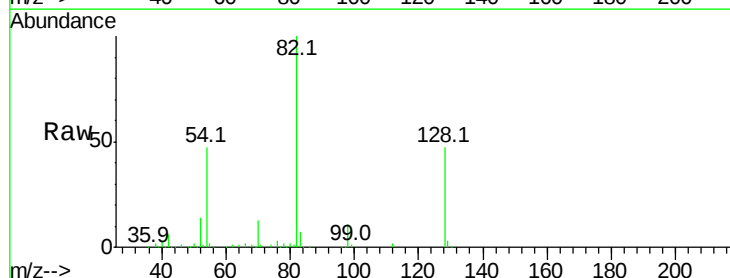
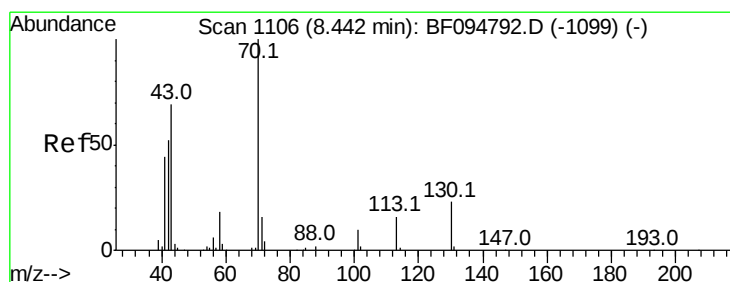
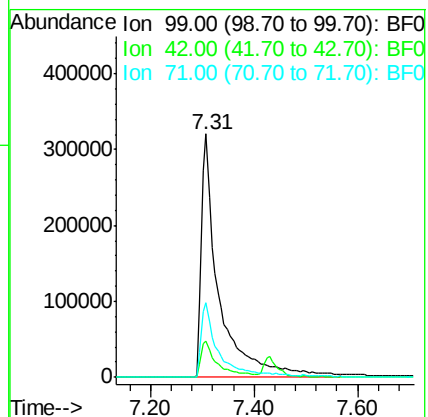
Tot Ion: 99 Resp: 759766

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

71 30.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.78 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095343.D

Acq: 23 May 2017 8:49

Tgt Ion: 70 Resp: 55313

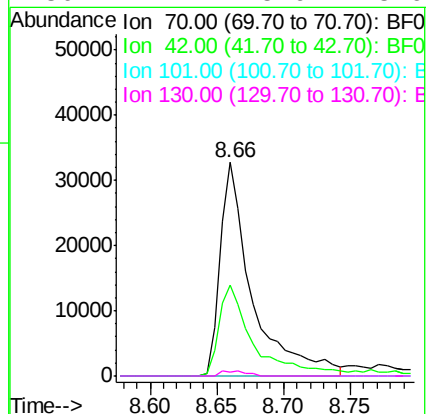
Ion Ratio Lower Upper

70 100

42 42.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

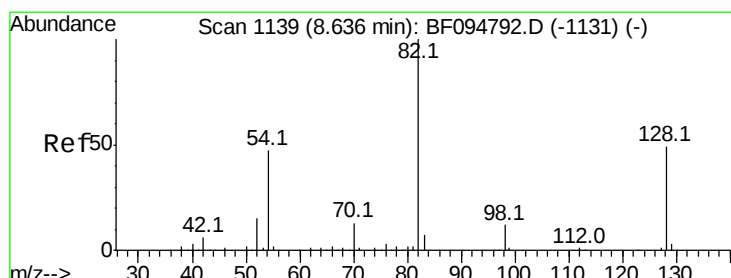
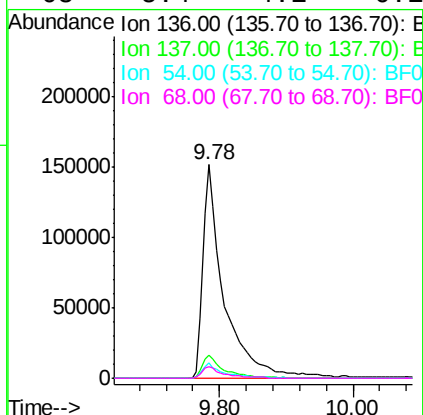
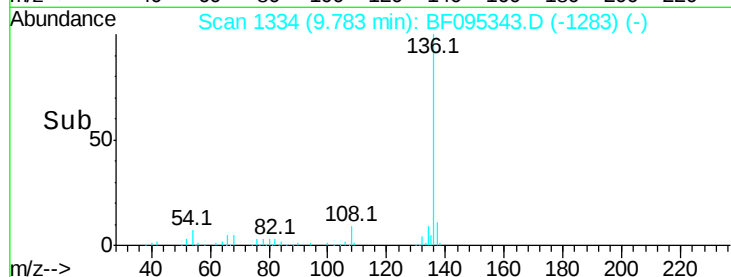
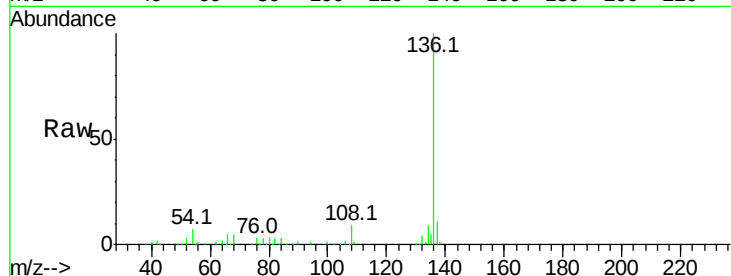




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF095343.D
Acq: 23 May 2017 8:49

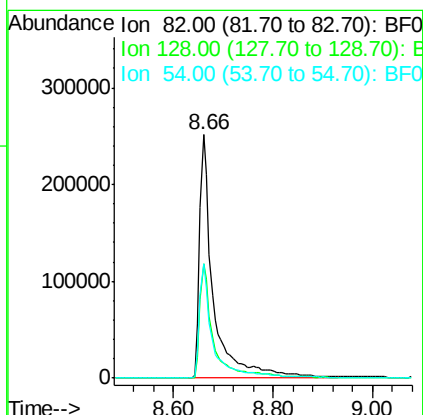
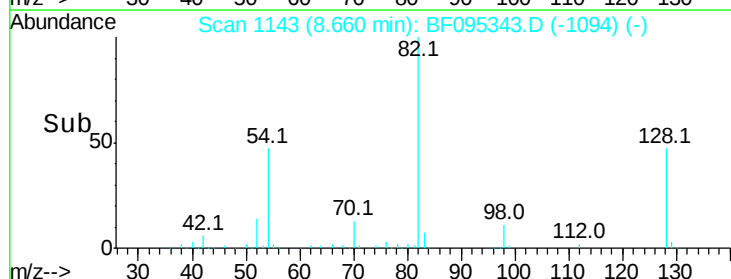
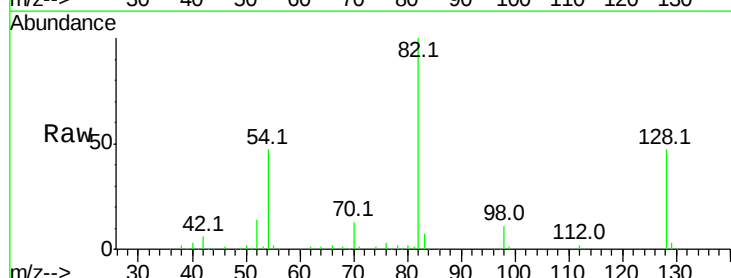
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	332335
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	6.9	4.9 7.3
68	5.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 92.93 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095343.D
Acq: 23 May 2017 8:49

Tgt Ion: 82	Resp:	489746
Ion Ratio	Lower	Upper
82	100	
128	47.0	34.0 51.0
54	46.8	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095343.D

Acq: 23 May 2017 8:49

Instrument :

BNA_F

ClientSampleId :

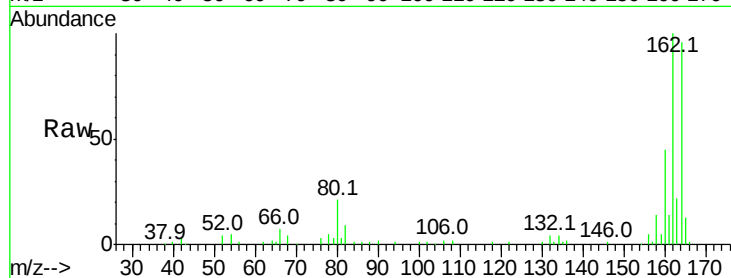
Tot Ion:164 Resp: 147397

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

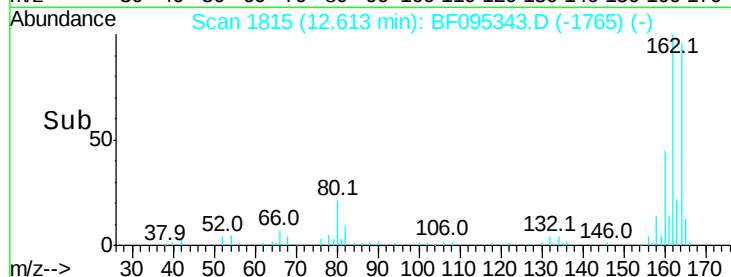
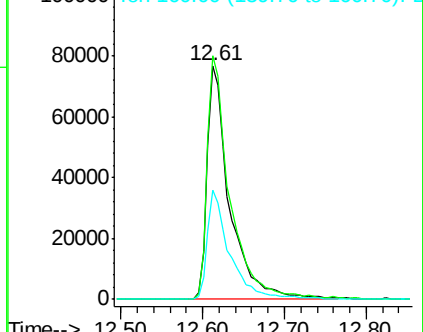
160 46.6 36.2 54.2



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: 122.40 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095343.D

Acq: 23 May 2017 8:49

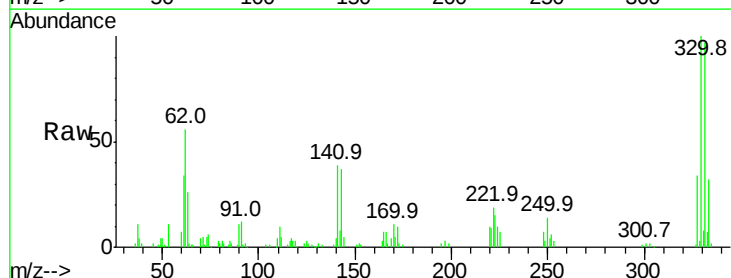
Tgt Ion:330 Resp: 147757

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

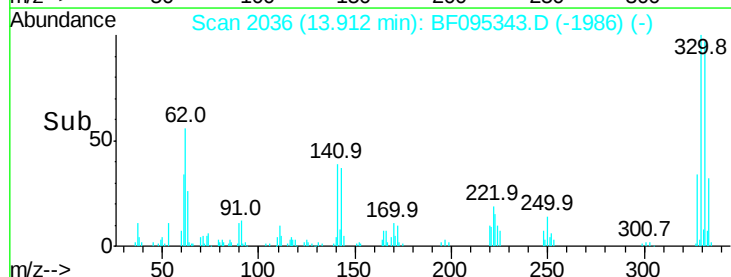
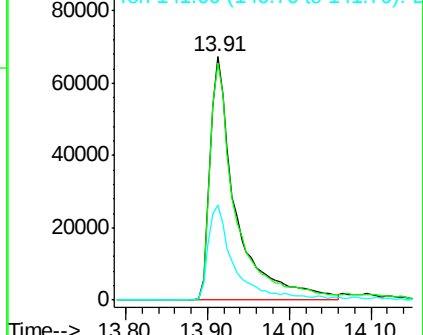
141 39.5 31.4 47.2



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

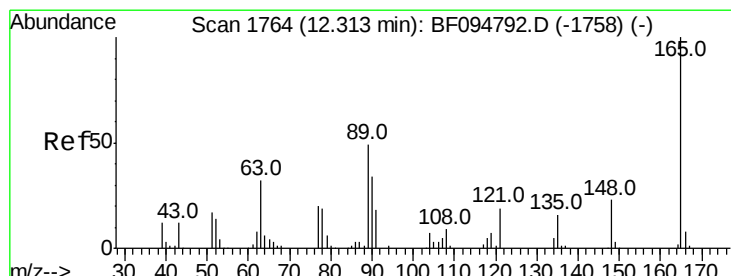
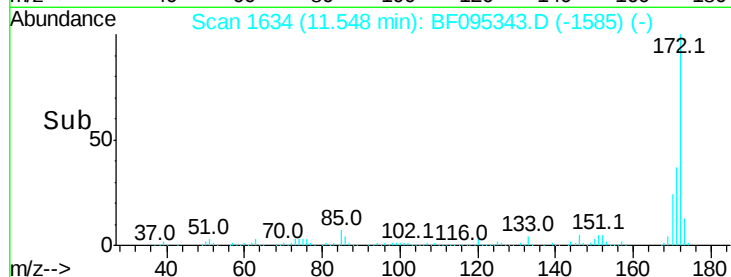
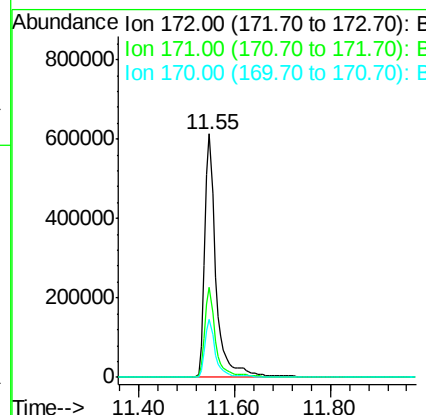
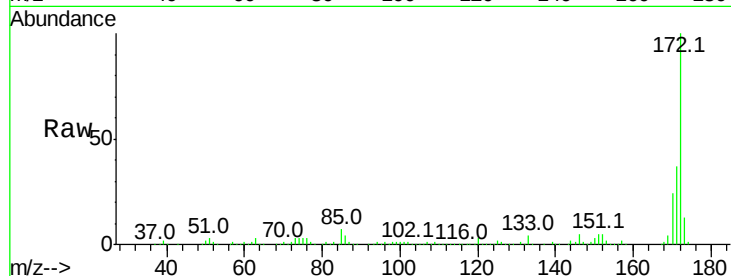




#44
 2-Fluorobiphenyl
 Concen: 99.24 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095343.D
 Acq: 23 May 2017 8:49

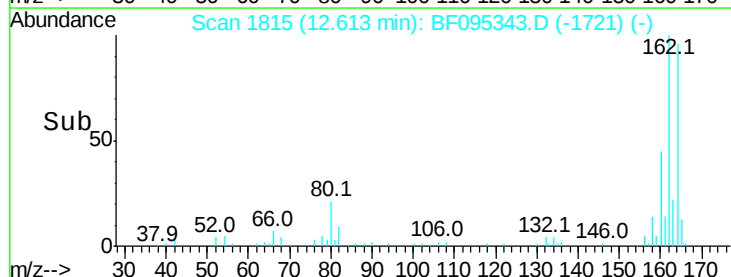
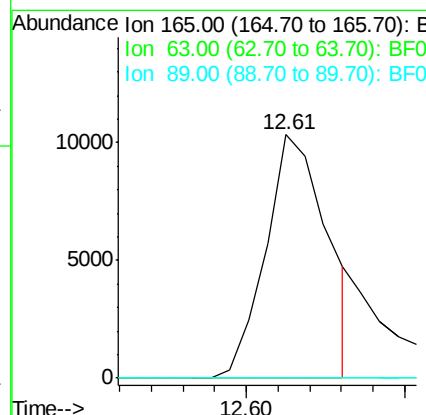
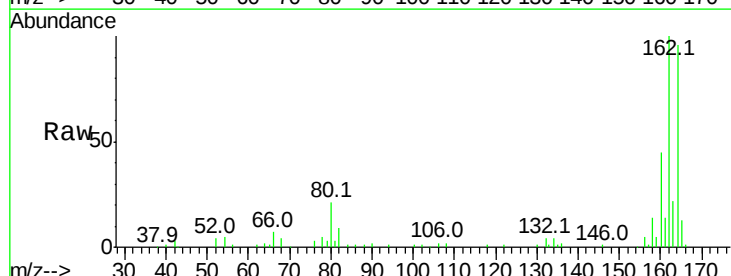
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1016310
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 23.8 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.67 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095343.D
 Acq: 23 May 2017 8:49

Tgt Ion:165 Resp: 13991
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

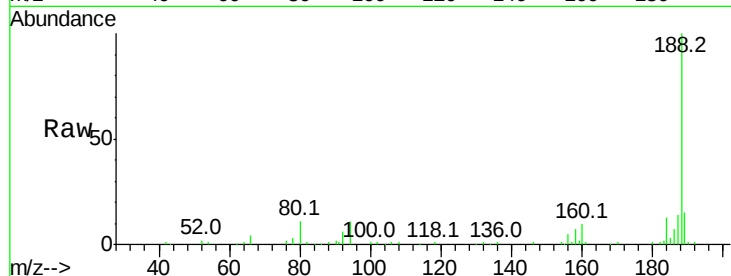




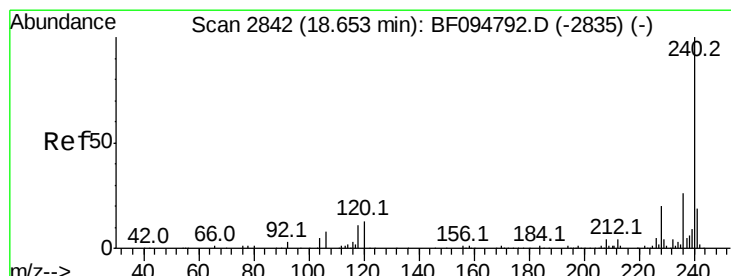
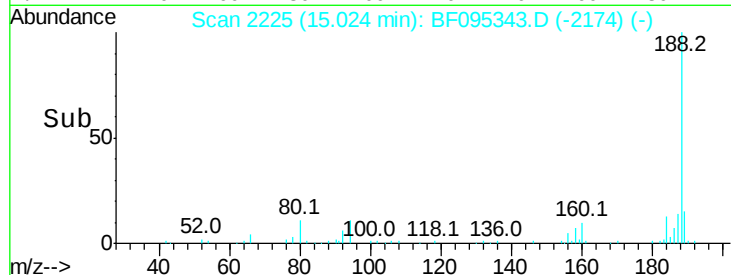
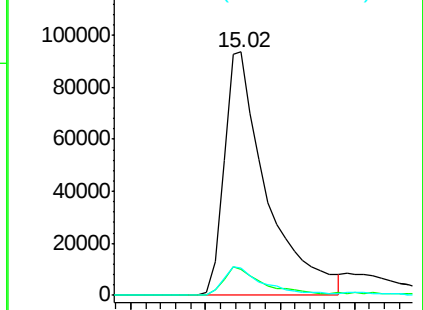
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095343.D
 Acq: 23 May 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 185635
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.0 10.2 15.2

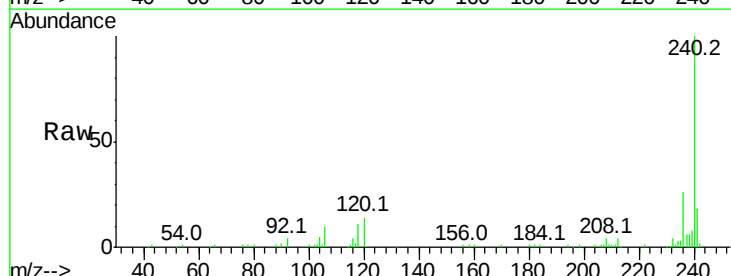


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

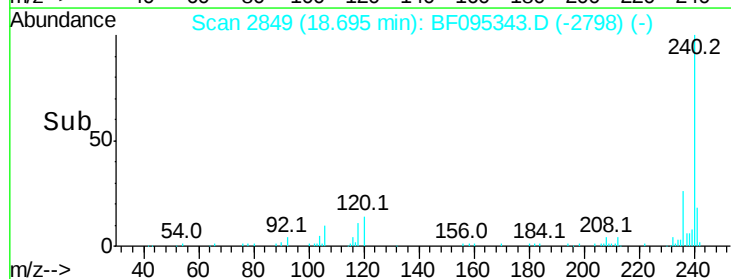
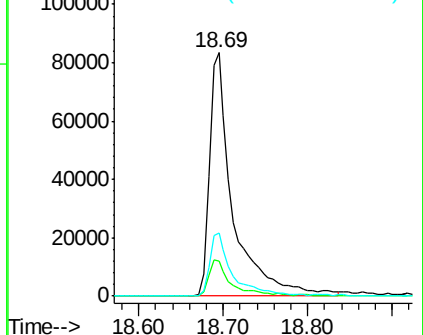


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095343.D
 Acq: 23 May 2017 8:49

Tgt Ion:240 Resp: 163017
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 25.7 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

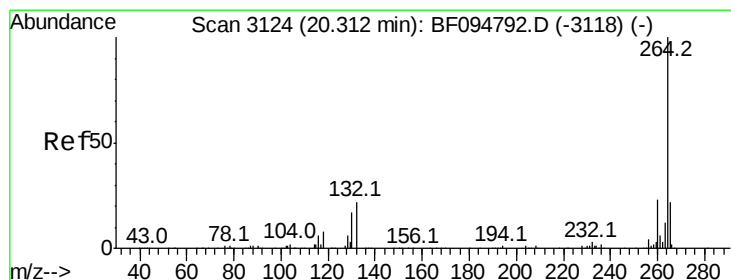
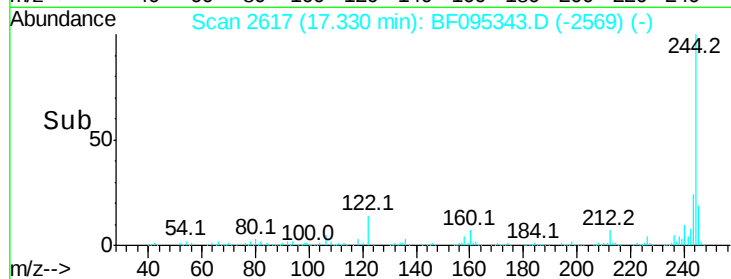
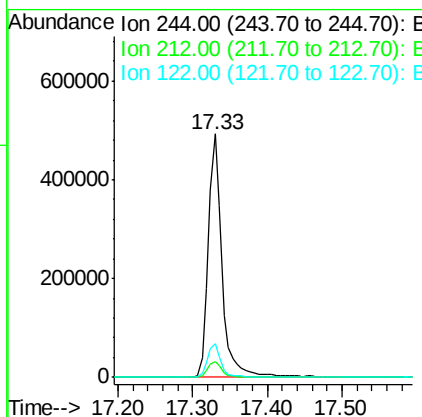
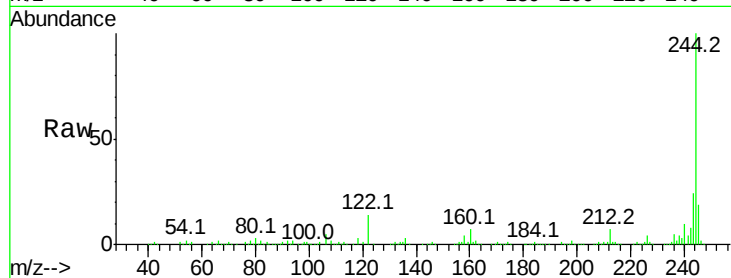




#78
 Terphenyl-d14
 Concen: 85.93 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095343.D
 Acq: 23 May 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 636004
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095343.D
 Acq: 23 May 2017 8:49

Tgt Ion:264 Resp: 134250
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 20.7 17.2 25.8

