

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095360.D
 Acq On : 23 May 2017 19:57
 Operator : SJ/MA
 Sample : I3243-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:30:45 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

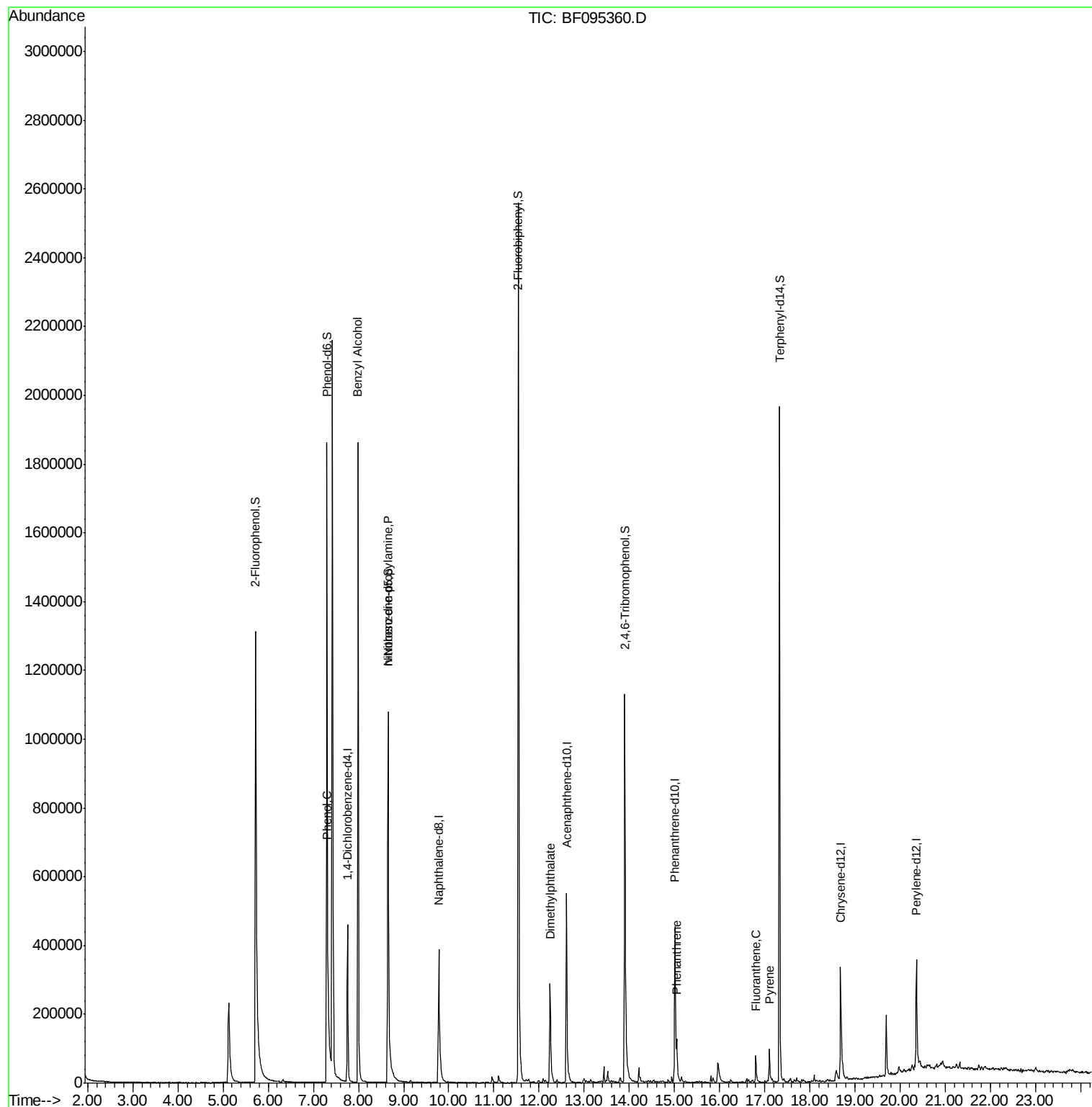
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	99894	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	414331	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	186120	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	305628	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	183563	20.00	ng	-0.01
86) Perylene-d12	20.36	264	182332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	901362	150.44	ng	-0.02
7) Phenol-d6	7.30	99	1190157	165.55	ng	-0.01
23) Nitrobenzene-d5	8.66	82	676580	102.97	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	229303	150.44	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1310590	101.35	ng	-0.02
78) Terphenyl-d14	17.33	244	793162	95.17	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	19129	2.53	ng	# 61
15) Benzyl Alcohol	7.99	79	10863	2.35	ng	# 50
19) n-Nitroso-di-n-propylamine	8.66	70	79597	16.37	ng	# 74
49) Dimethylphthalate	12.24	163	229209	15.00	ng	99
70) Phenanthrene	15.05	178	72571	4.13	ng	96
74) Fluoranthene	16.80	202	56206	3.12	ng	97
77) Pyrene	17.11	202	57920	4.22	ng	98

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

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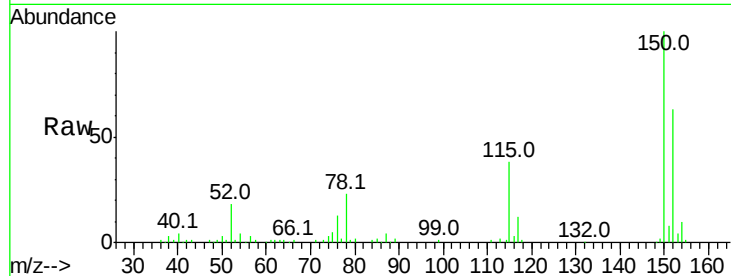


#1

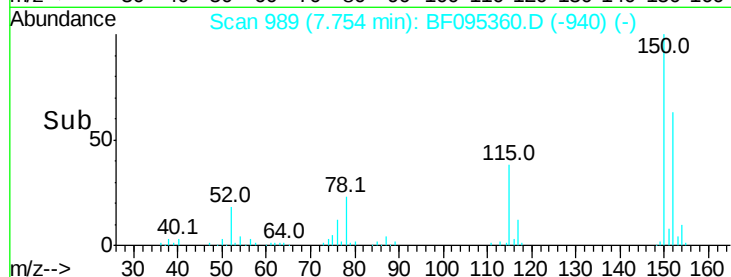
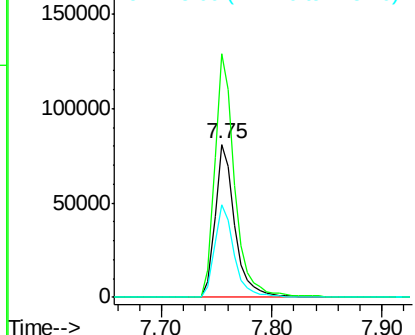
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095360.D
Acq: 23 May 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99894
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 60.9 52.2 78.2



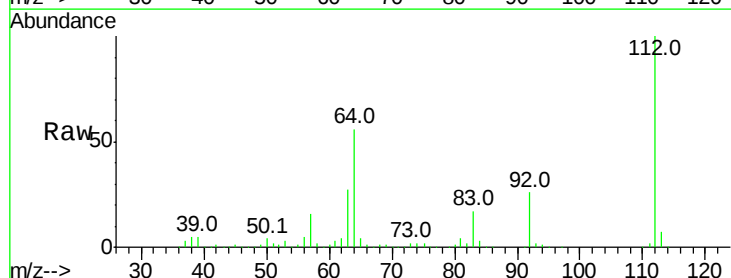
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



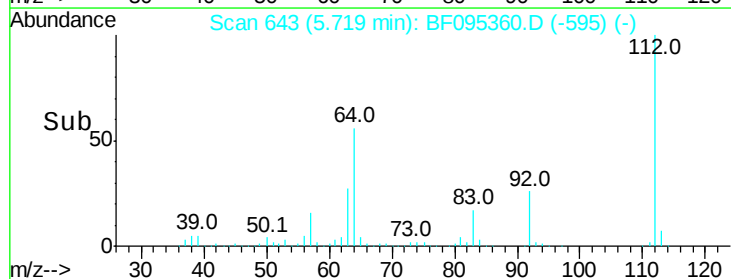
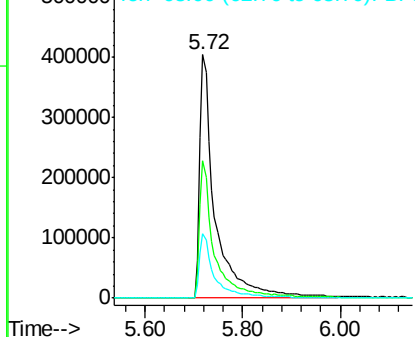
#5

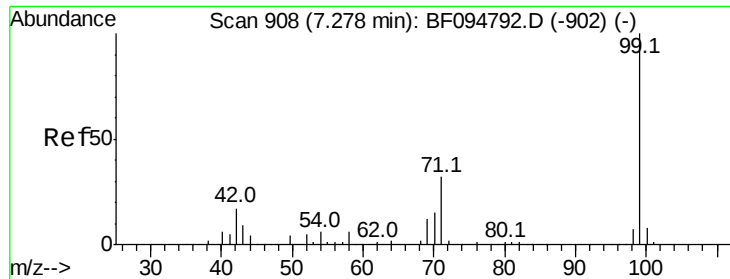
2-Fluorophenol
Concen: 150.44 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095360.D
Acq: 23 May 2017 19:57

Tgt Ion:112 Resp: 901362
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 26.6 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: 165.55 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

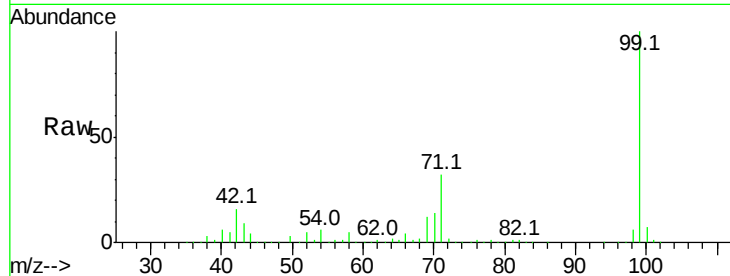
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1190157

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	31.7	24.5	36.7

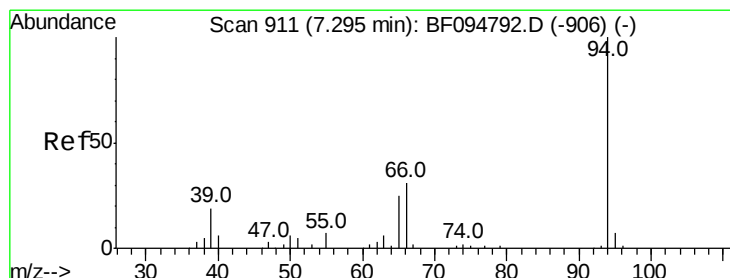
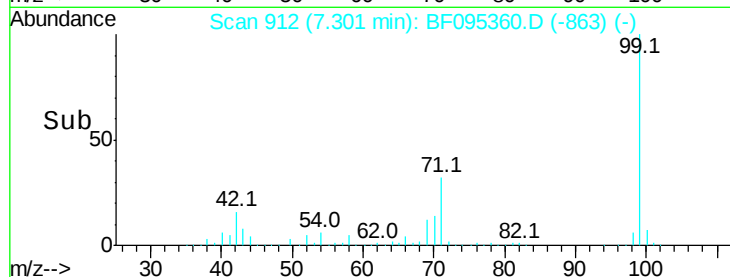
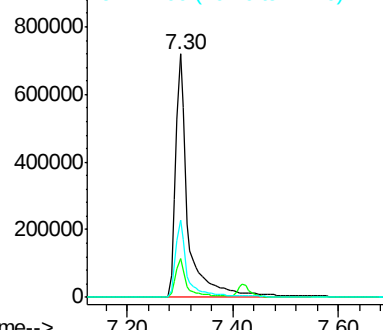


Abundance

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: 2.53 ng

RT: 7.32 min Scan# 915

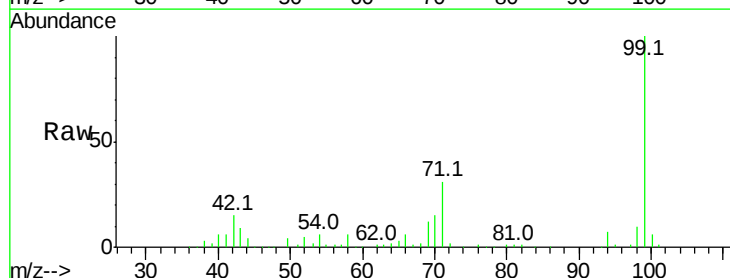
Delta R.T. -0.01 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

Tgt Ion: 94 Resp: 19129

Ion	Ratio	Lower	Upper
94	100		
65	35.9	9.9	49.9
66	80.1	23.1	63.1

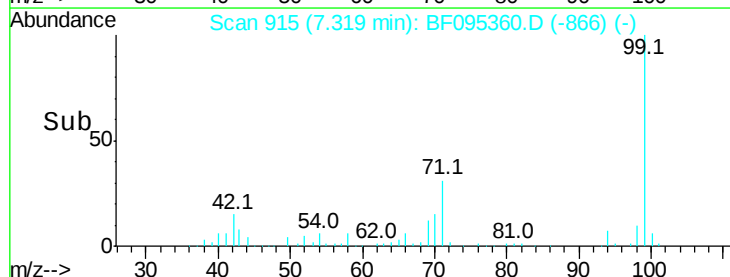
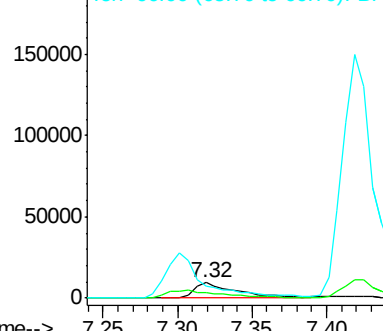


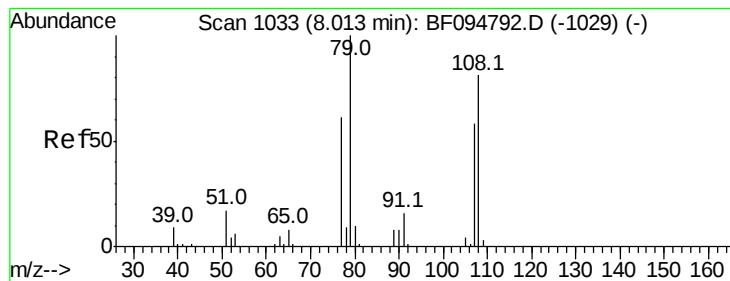
Abundance

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: 2.35 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

Instrument :

BNA_F

ClientSampleId :

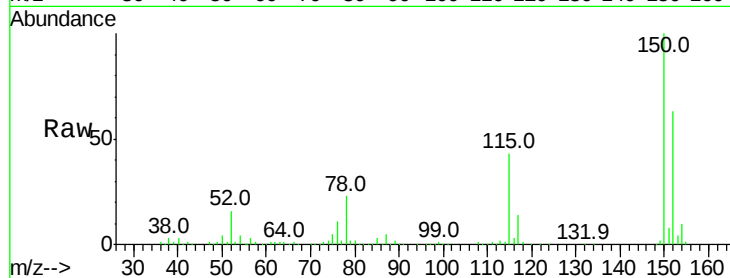
Tot Ion: 79 Resp: 10863

Ion Ratio Lower Upper

79 100

108 29.7 63.4 95.0#

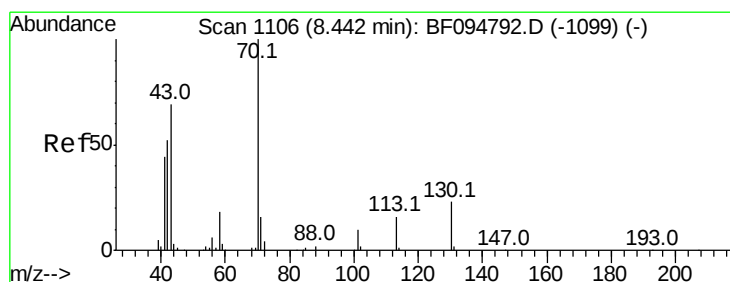
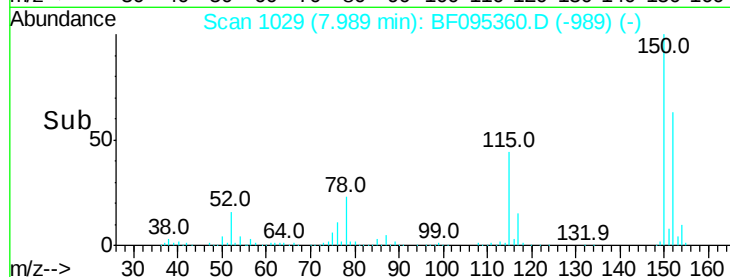
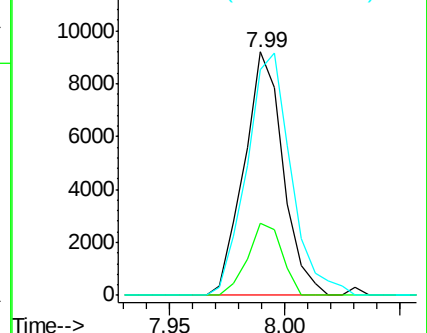
77 92.8 49.2 73.8#



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: 16.37 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

Tgt Ion: 70 Resp: 79597

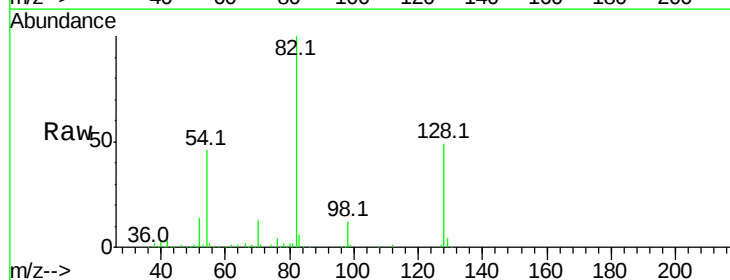
Ion Ratio Lower Upper

70 100

42 42.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

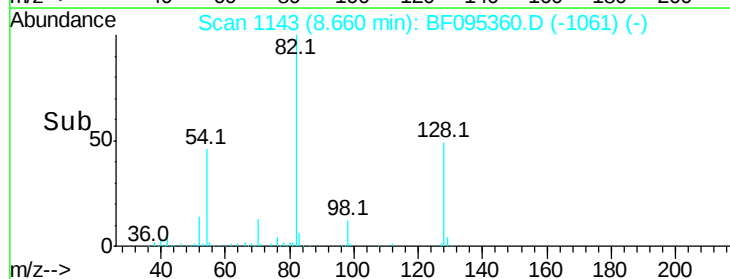
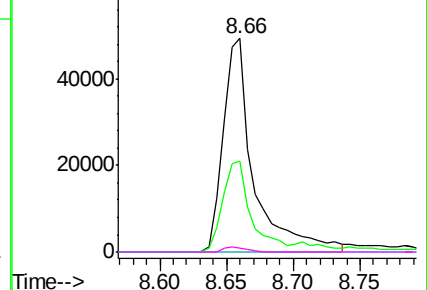


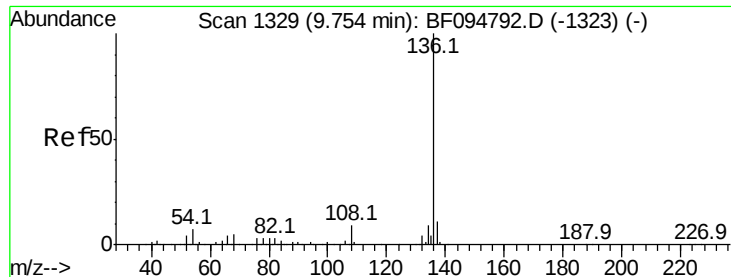
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 414331

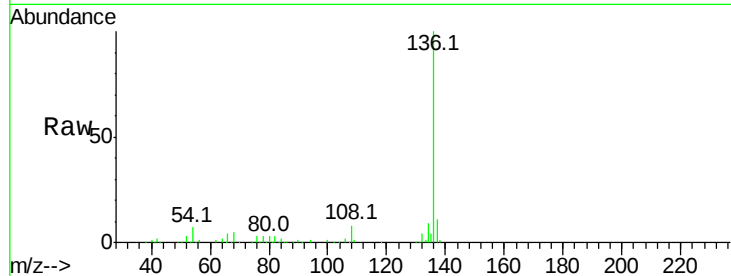
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.7 4.9 7.3

68 5.2 4.1 6.1

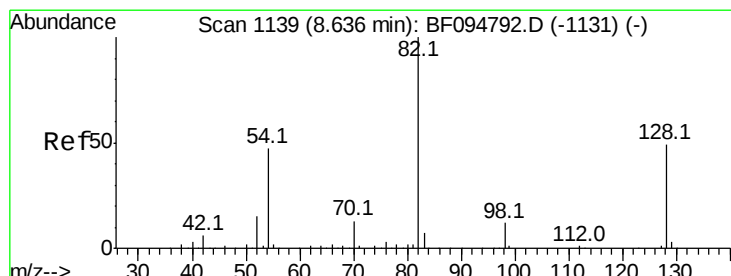
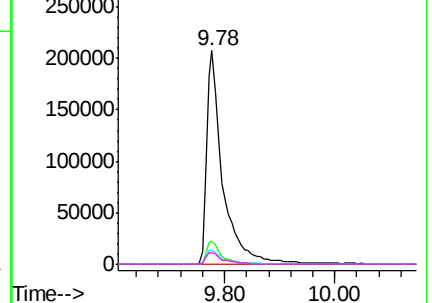
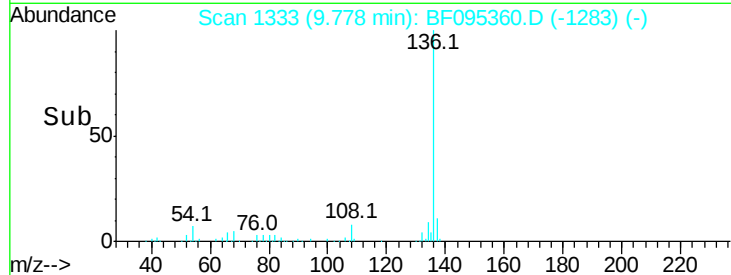


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.97 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

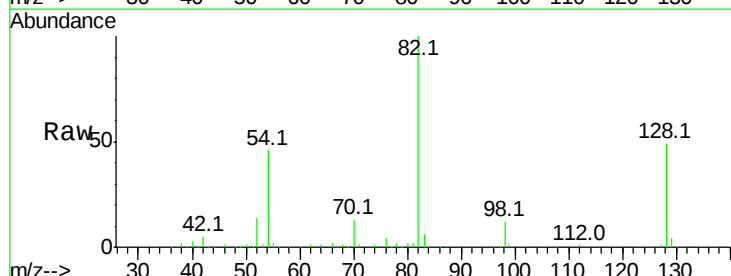
Tgt Ion: 82 Resp: 676580

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

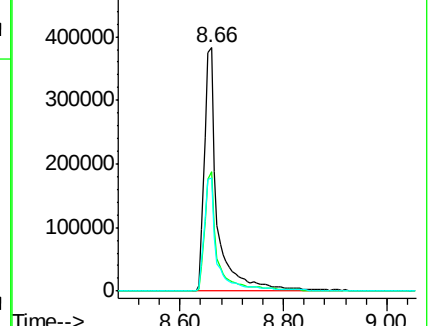
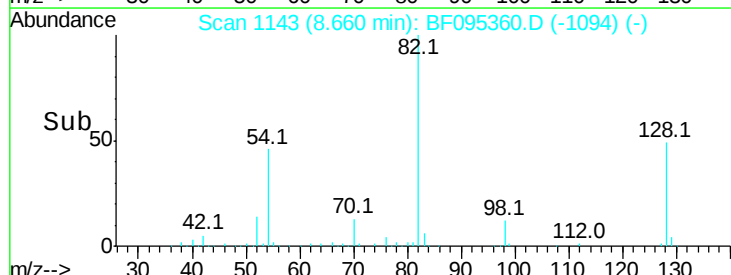
54 46.3 42.2 63.2

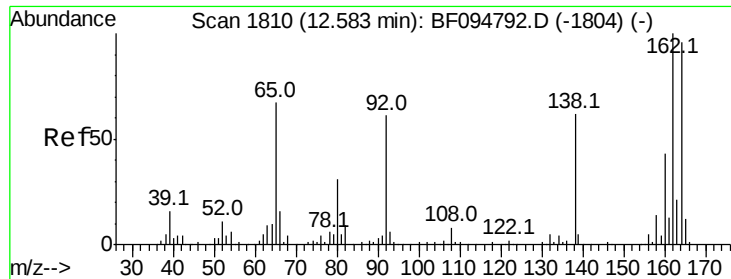


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

Instrument :

BNA_F

ClientSampleId :

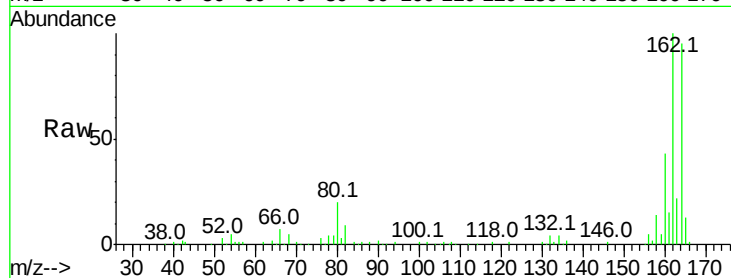
Tot Ion:164 Resp: 186120

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

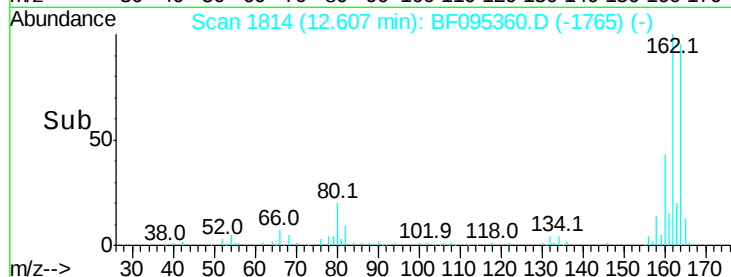
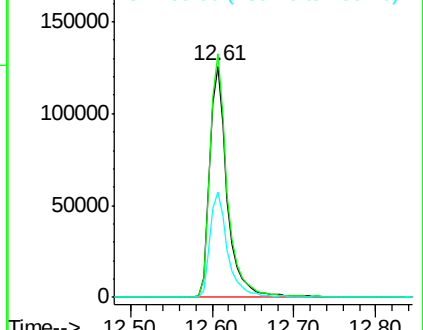
160 45.8 36.2 54.2



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: 150.44 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

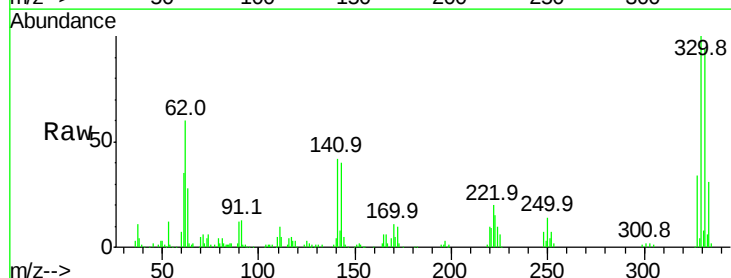
Tgt Ion:330 Resp: 229303

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

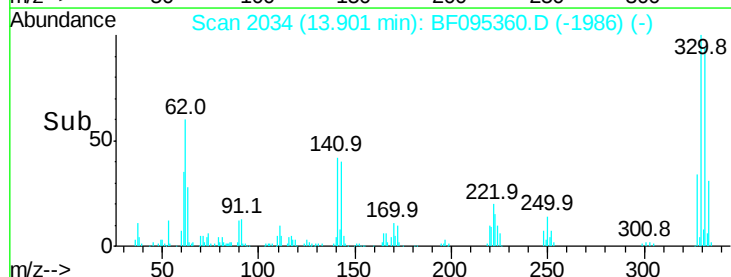
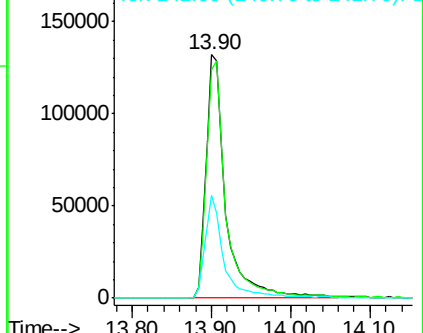
141 40.0 31.4 47.2



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

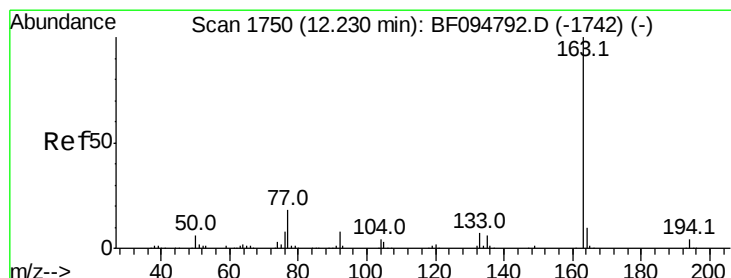
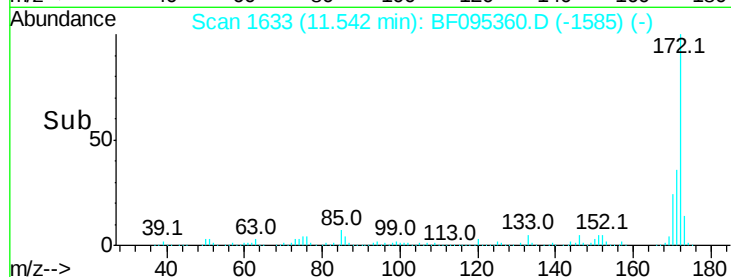
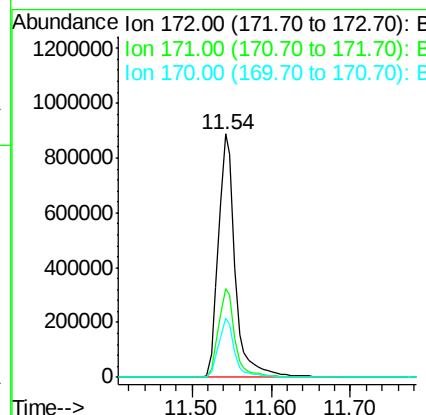
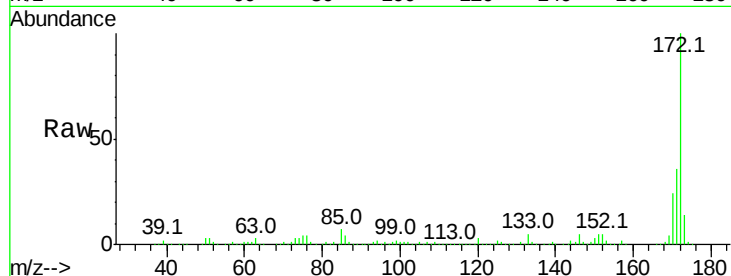




#44
2-Fluorobiphenyl
Concen: 101.35 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095360.D
Acq: 23 May 2017 19:57

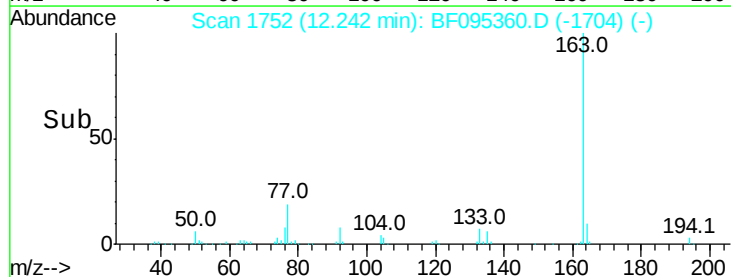
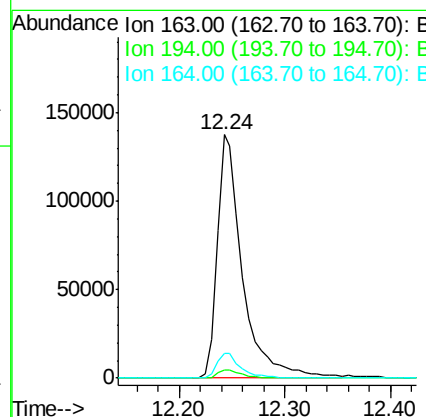
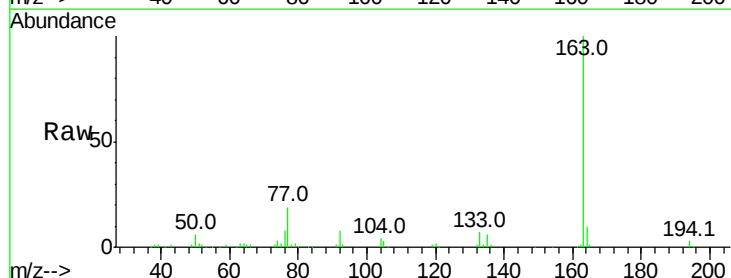
Instrument :
BNA_F
ClientSampleId :

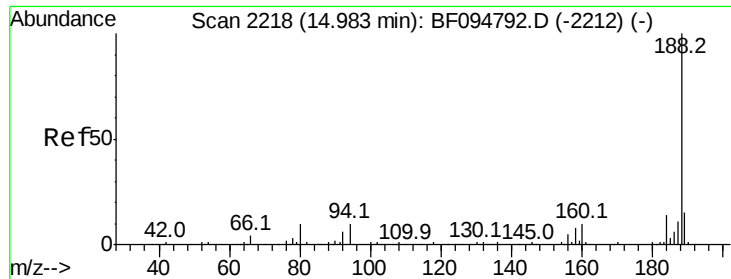
Tot Ion:172 Resp: 1310590
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.3 19.8 29.8



#49
Dimethylphthalate
Concen: 15.00 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095360.D
Acq: 23 May 2017 19:57

Tgt Ion:163 Resp: 229209
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6

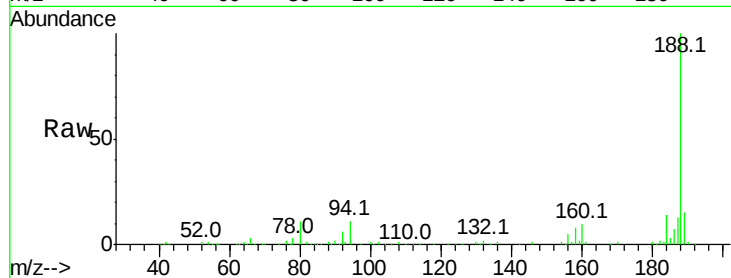




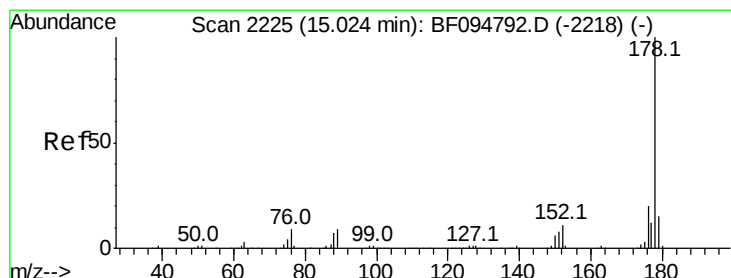
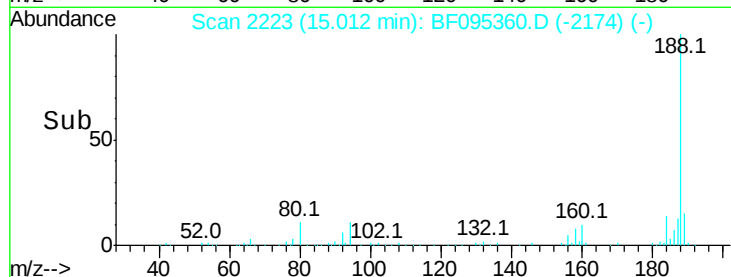
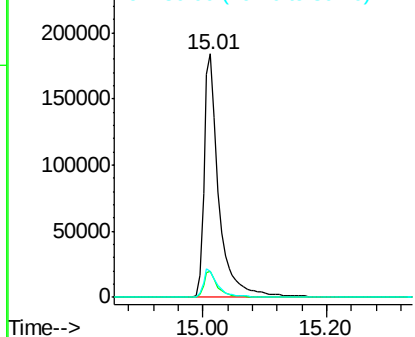
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095360.D
Acq: 23 May 2017 19:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 305628
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.9 10.2 15.2

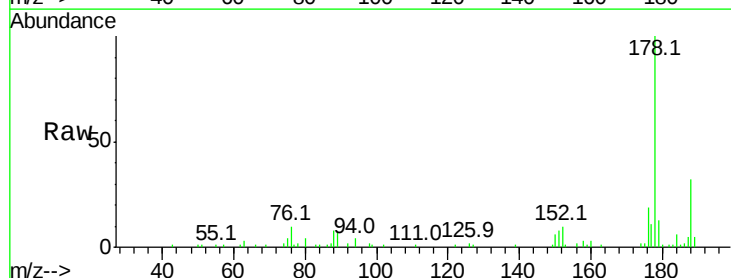


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

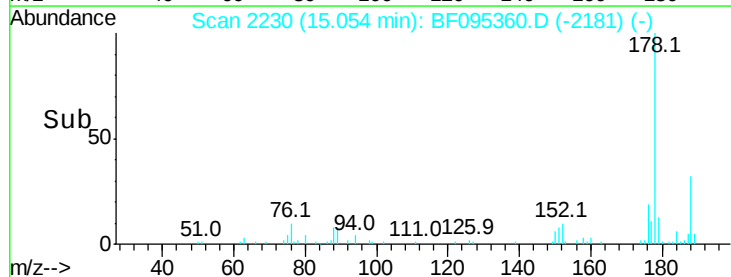
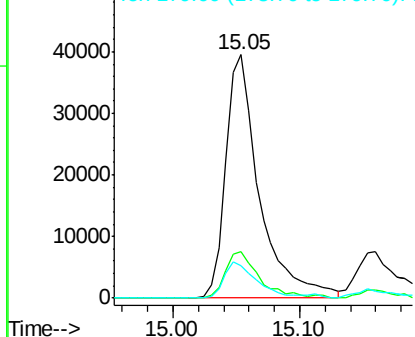


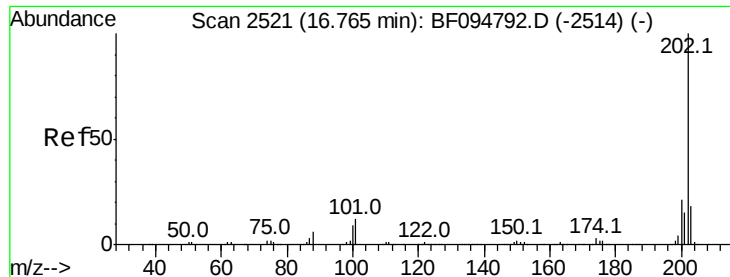
#70
Phenanthrene
Concen: 4.13 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095360.D
Acq: 23 May 2017 19:57

Tgt Ion:178 Resp: 72571
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.4
179 13.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

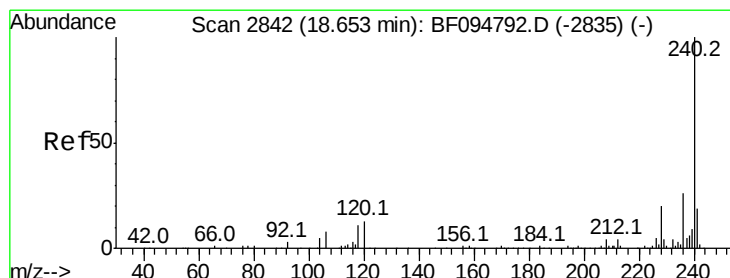
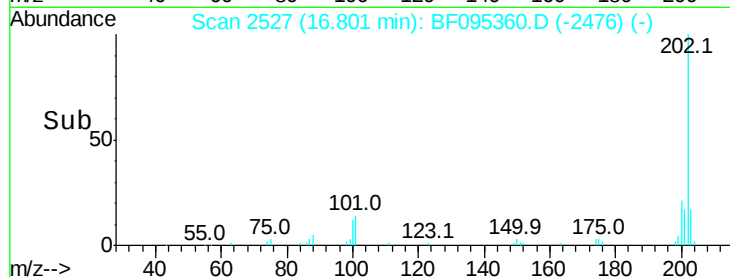
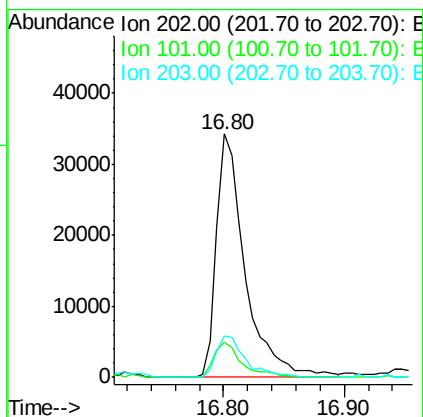
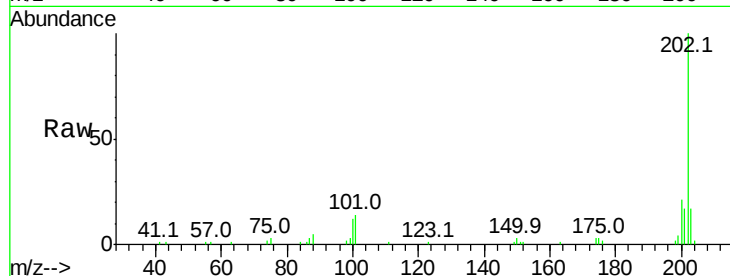




#74
 Fluoranthene
 Concen: 3.12 ng
 RT: 16.80 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BF095360.D
 Acq: 23 May 2017 19:57

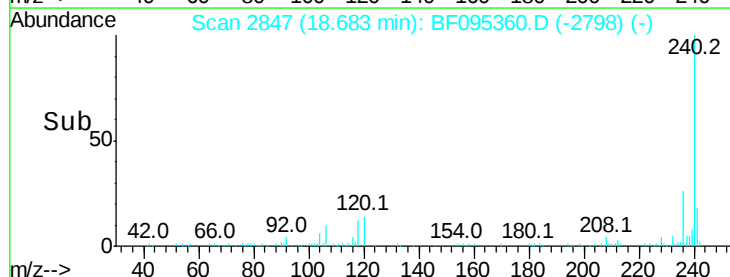
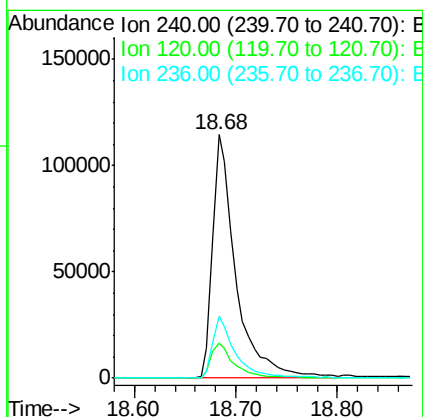
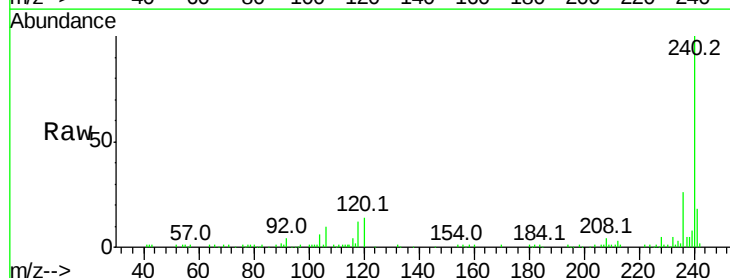
Instrument :
 BNA_F
 ClientSampleId :

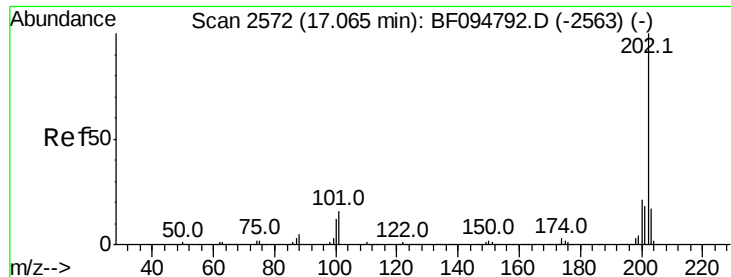
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.0	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095360.D
 Acq: 23 May 2017 19:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.6	20.5	30.7





#77

Pvrene

Concen: 4.22 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

Instrument :

BNA_F

ClientSampleId :

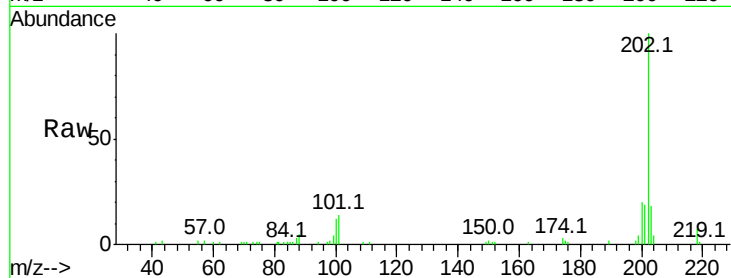
Tot Ion:202 Resp: 57920

Ion Ratio Lower Upper

202 100

200 20.3 17.6 26.4

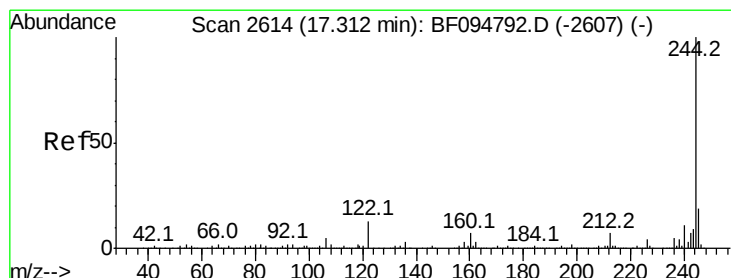
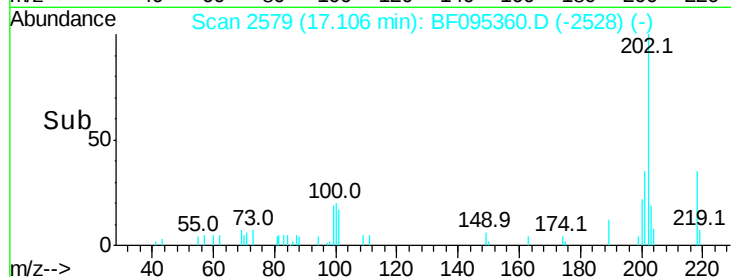
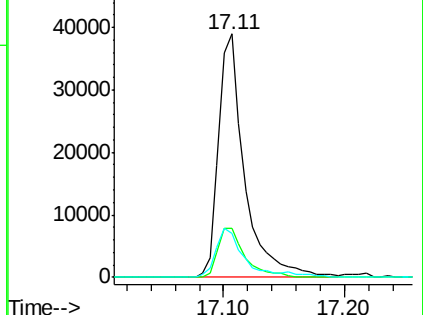
203 18.0 14.4 21.6



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: 95.17 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095360.D

Acq: 23 May 2017 19:57

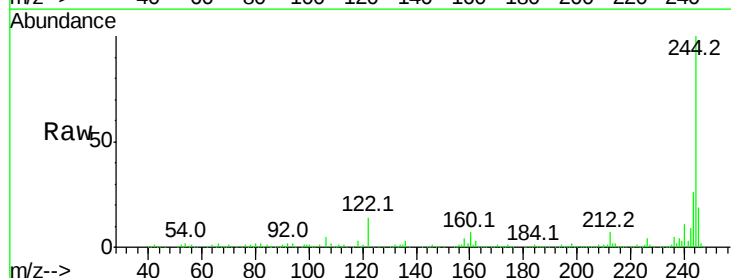
Tgt Ion:244 Resp: 793162

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

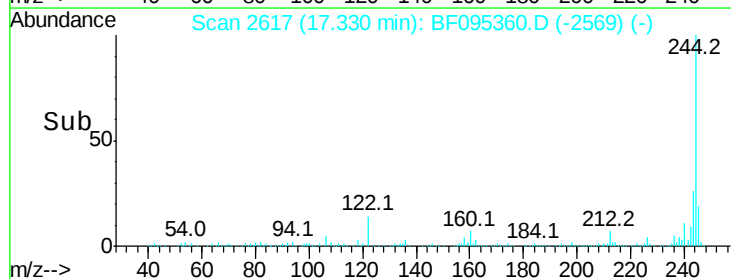
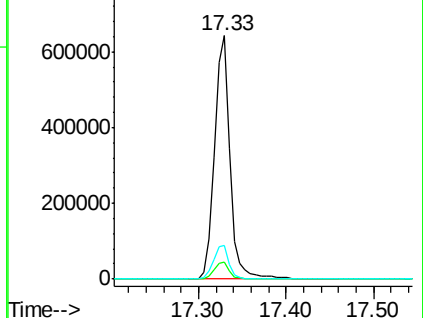
122 13.7 10.3 15.5

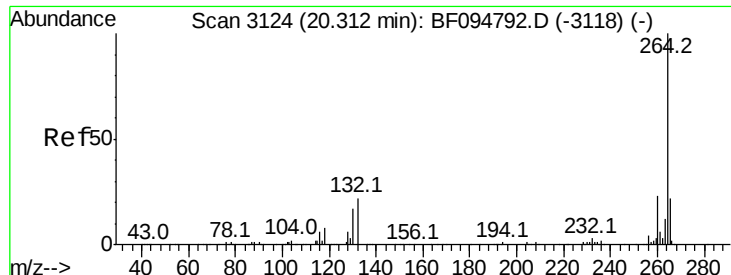


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

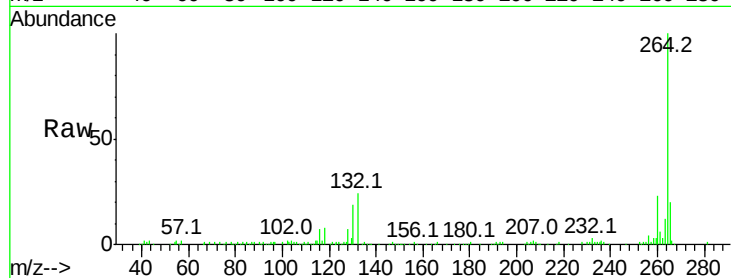




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095360.D
 Acq: 23 May 2017 19:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	19.6	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

