

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095794.D
 Acq On : 8 Jun 2017 21:02
 Operator : SJ/MA
 Sample : I3535-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 09 01:25:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

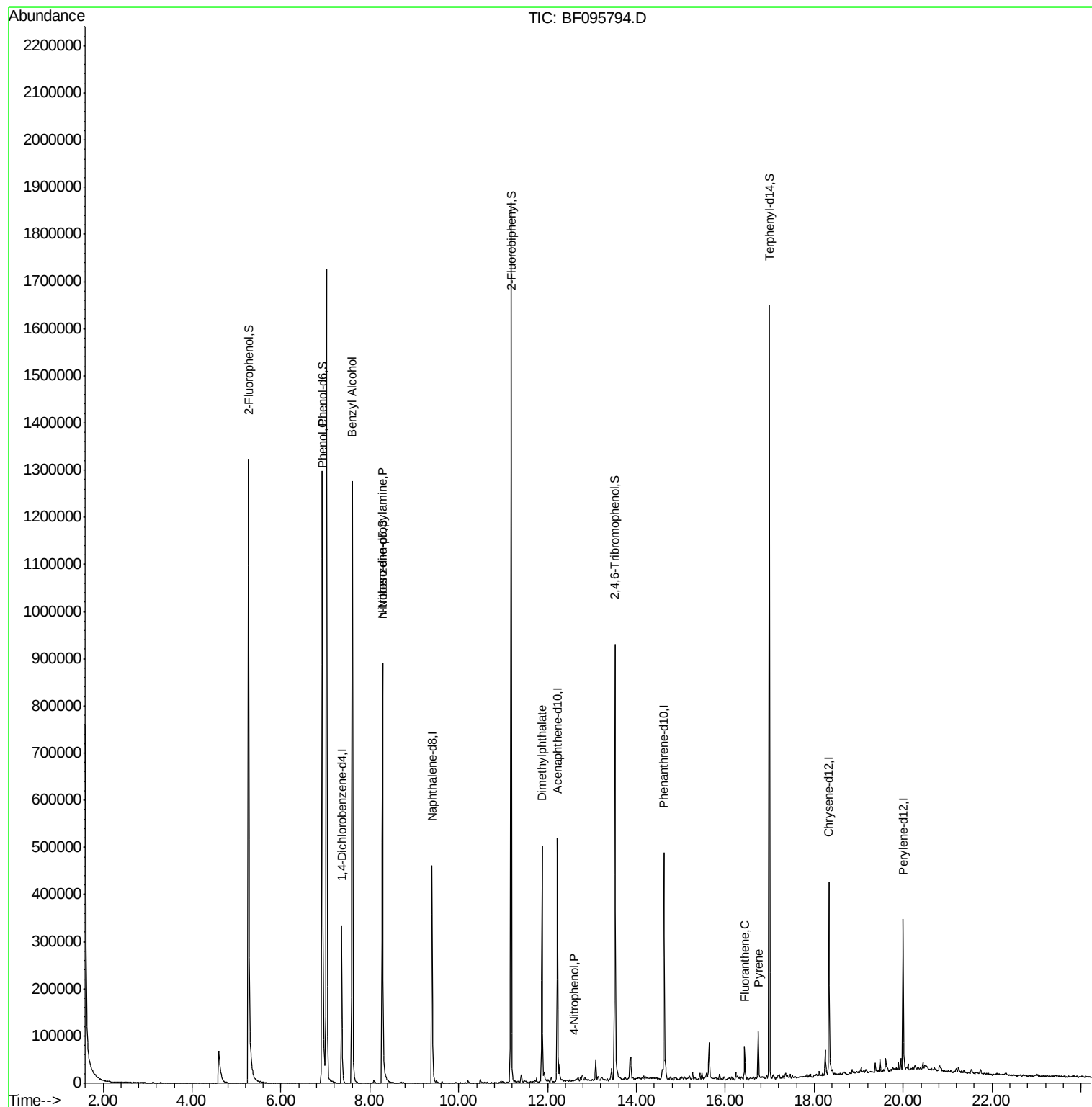
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	81971	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	330068	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	142811	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	241722	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	170722	20.00	ng	-0.03
86) Perylene-d12	20.00	264	142114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	720145	139.99	ng	-0.02
7) Phenol-d6	6.93	99	881463	143.13	ng	-0.02
23) Nitrobenzene-d5	8.29	82	509516	95.87	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	164737	130.38	ng	-0.03
44) 2-Fluorobiphenyl	11.19	172	937533	91.35	ng	-0.03
78) Terphenyl-d14	16.99	244	654605	95.16	ng	-0.02
Target Compounds						
10) Phenol	6.95	94	17959	2.81	ng	# 65
15) Benzyl Alcohol	7.60	79	8488	2.01	ng	# 40
19) n-Nitroso-di-n-propylamine	8.29	70	63146	16.18	ng	# 77
49) Dimethylphthalate	11.87	163	294611	27.17	ng	98
55) 4-Nitrophenol	12.60	139	127	4.70	ng	# 25
74) Fluoranthene	16.43	202	39031	2.83	ng	97
77) Pyrene	16.74	202	38916	3.05	ng	# 95

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

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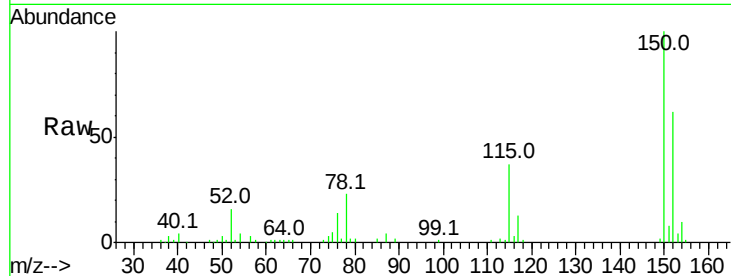


#1

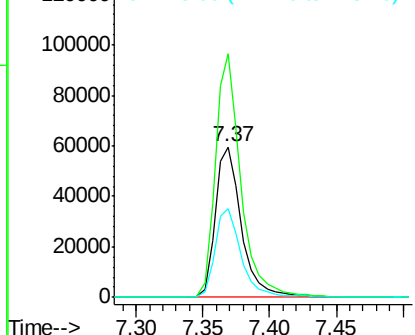
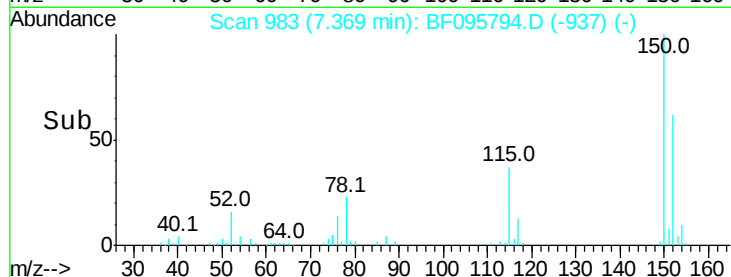
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81971
Ion Ratio Lower Upper
152 100
150 162.0 126.2 189.2
115 59.5 52.2 78.2



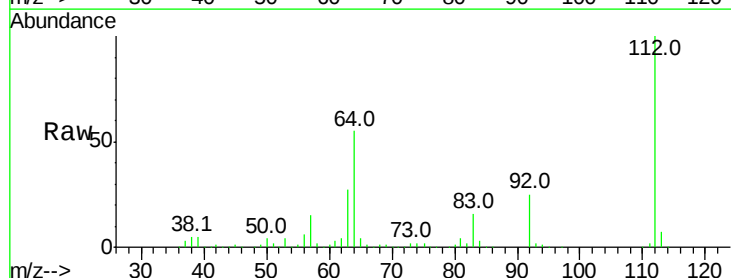
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



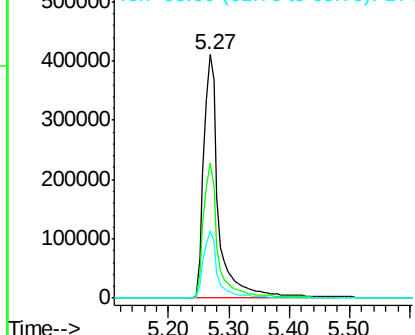
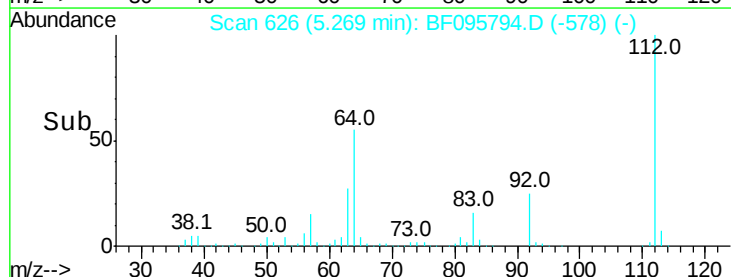
#5

2-Fluorophenol
Concen: 139.99 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Tgt Ion:112 Resp: 720145
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





#7

Phenol-d6

Concen: 143.13 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

Instrument :

BNA_F

ClientSampled :

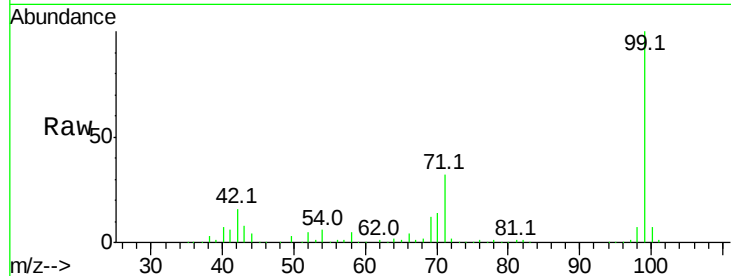
Tot Ion: 99 Resp: 881463

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

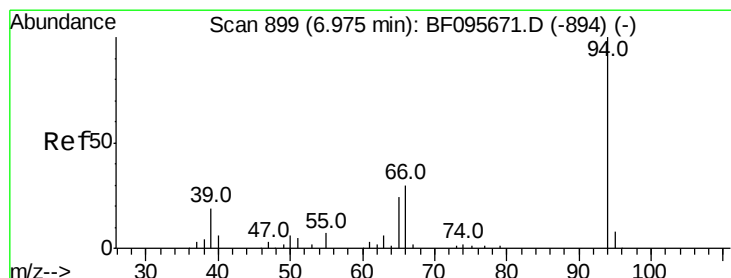
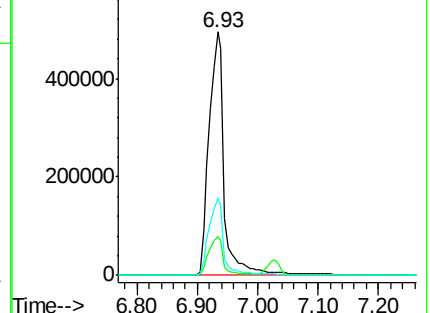
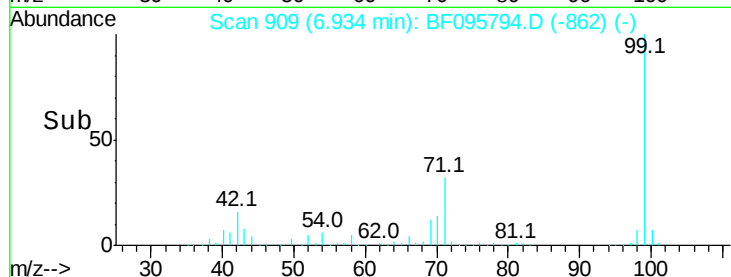
71 31.9 24.5 36.7



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: 2.81 ng

RT: 6.95 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

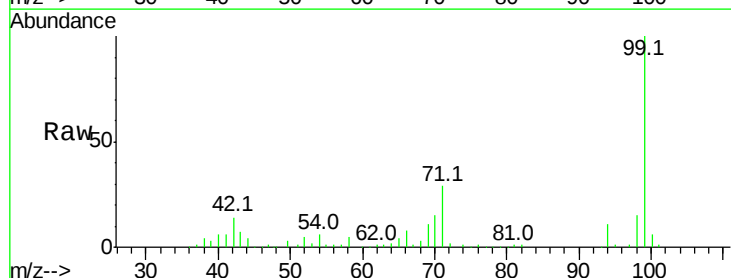
Tgt Ion: 94 Resp: 17959

Ion Ratio Lower Upper

94 100

65 35.5 9.9 49.9

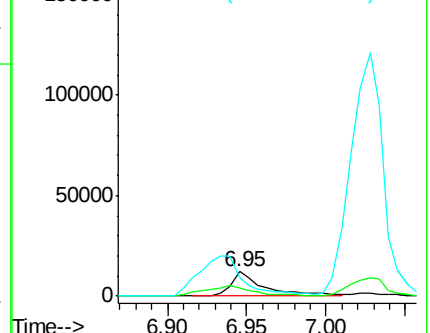
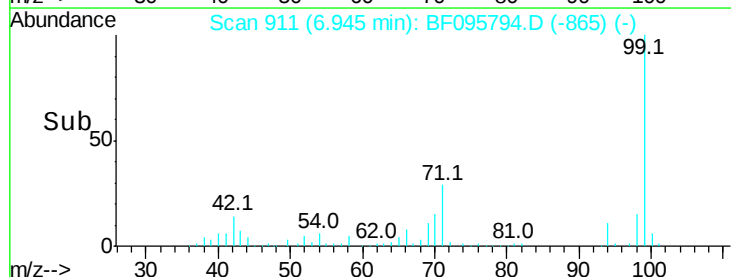
66 76.6 23.1 63.1#

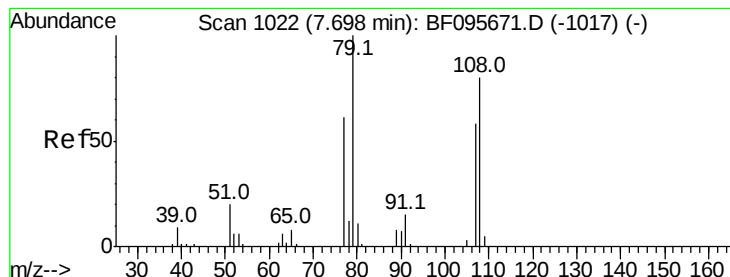


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.60 min Scan# 1023

Delta R.T. -0.09 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

Instrument :

BNA_F

ClientSampleId :

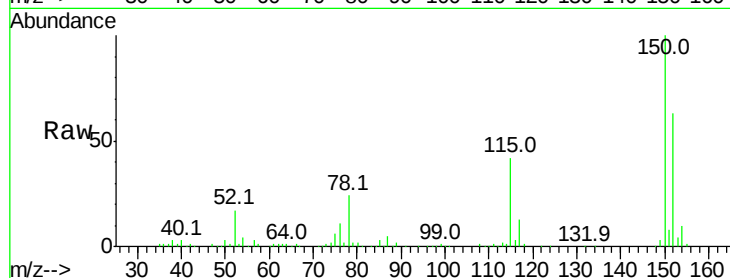
Tot Ion: 79 Resp: 8488

Ion Ratio Lower Upper

79 100

108 28.5 63.4 95.0#

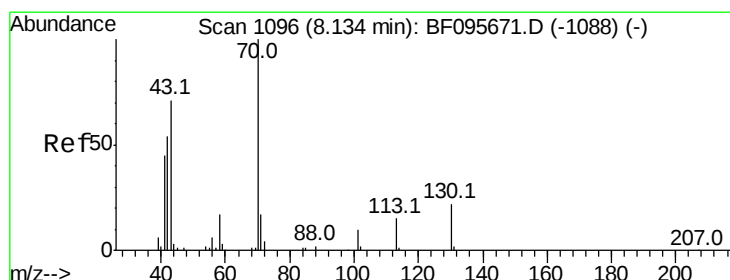
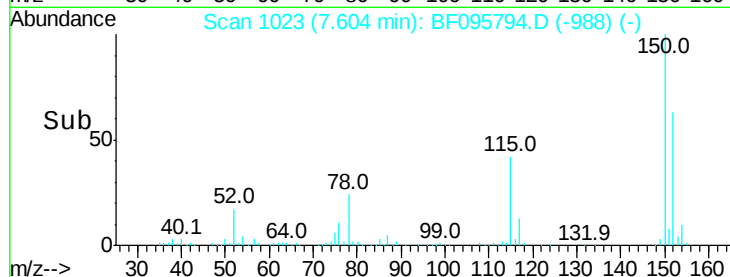
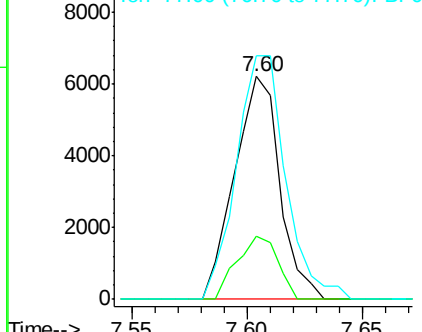
77 109.3 49.2 73.8#



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: 16.18 ng

RT: 8.29 min Scan# 1139

Delta R.T. 0.15 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

Tgt Ion: 70 Resp: 63146

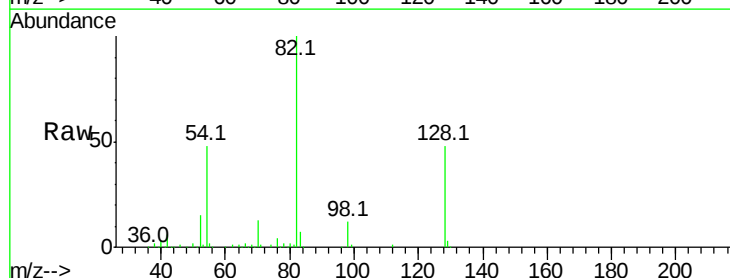
Ion Ratio Lower Upper

70 100

42 45.9 47.2 70.8#

101 0.0 7.2 10.8#

130 3.2 15.9 23.9#

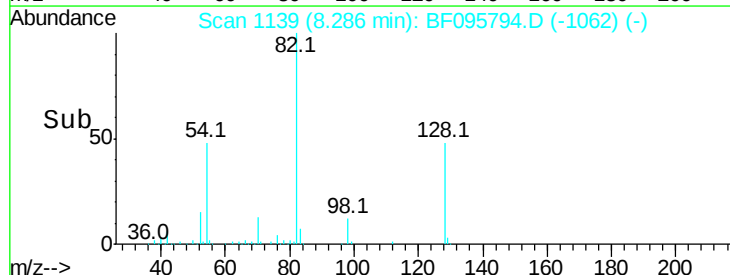
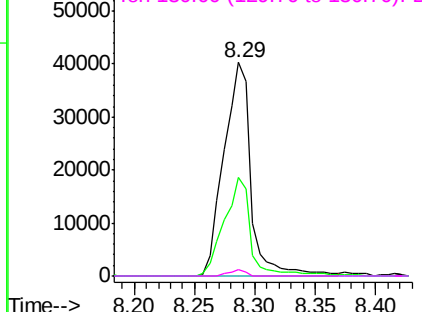


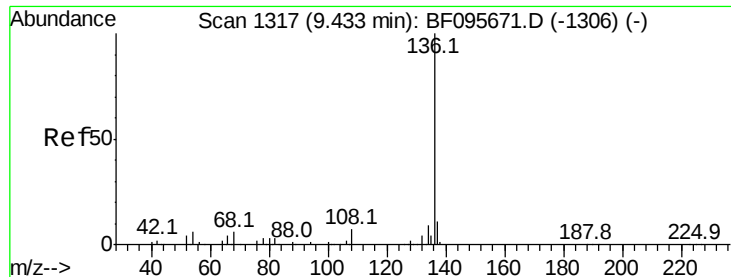
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

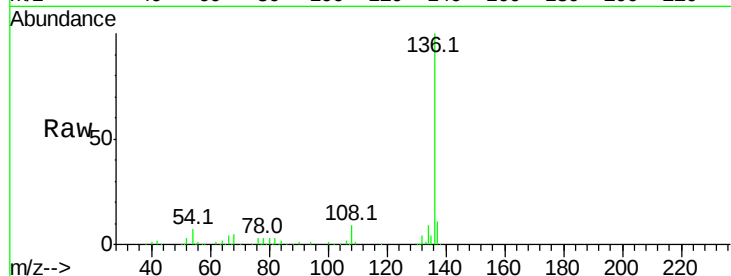




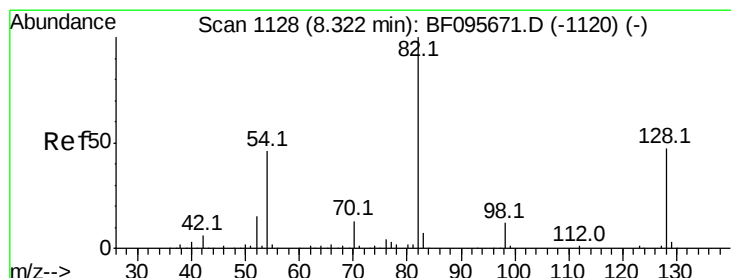
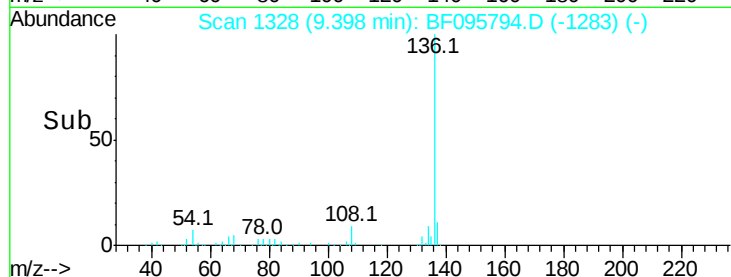
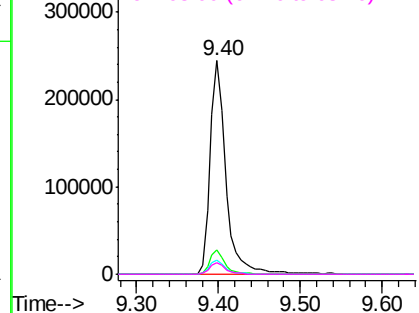
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	330068
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.5 12.7
54	6.6	4.9 7.3
68	5.3	4.1 6.1

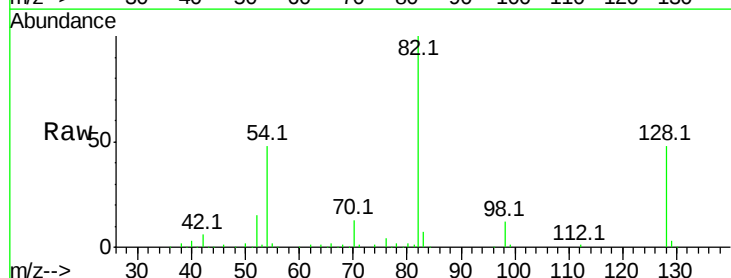


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

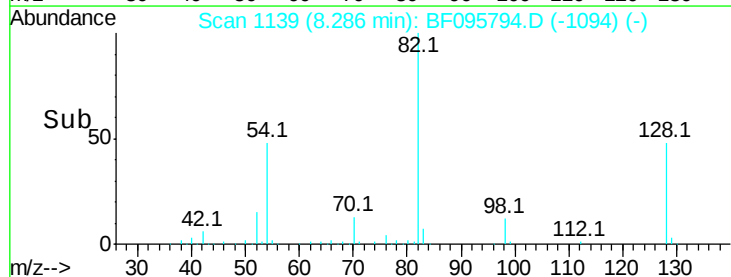
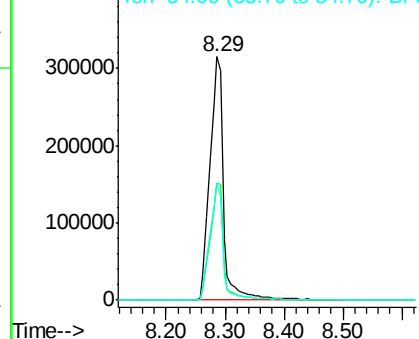


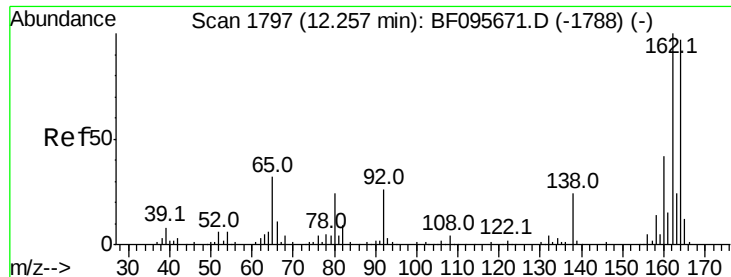
#23
Nitrobenzene-d5
Concen: 95.87 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Tgt Ion: 82	Resp:	509516
Ion	Ratio	Lower Upper
82	100	
128	48.1	34.0 51.0
54	47.9	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. -0.04 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

Instrument :

BNA_F

ClientSampleId :

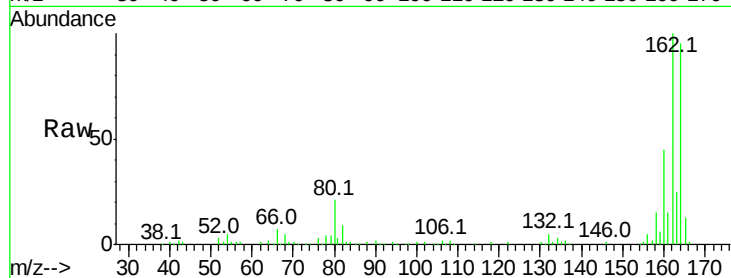
Tot Ion:164 Resp: 142811

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

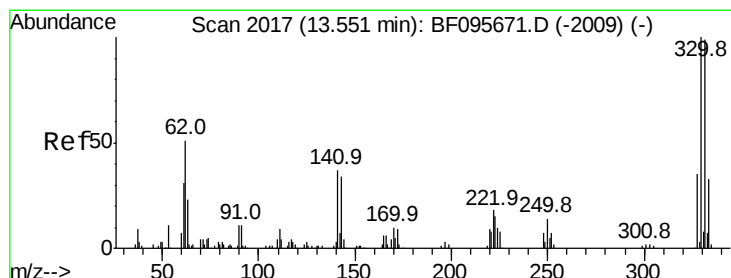
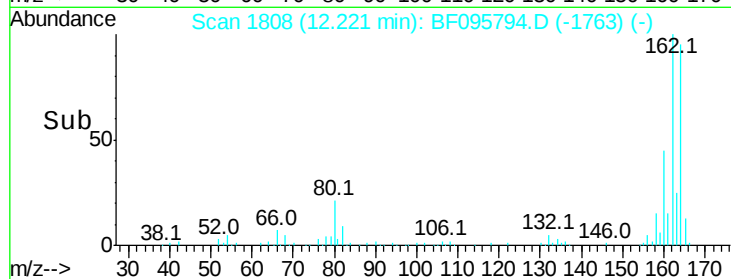
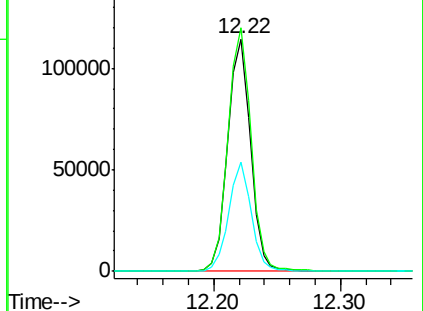
160 46.8 36.2 54.2



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: 130.38 ng

RT: 13.52 min Scan# 2029

Delta R.T. -0.03 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

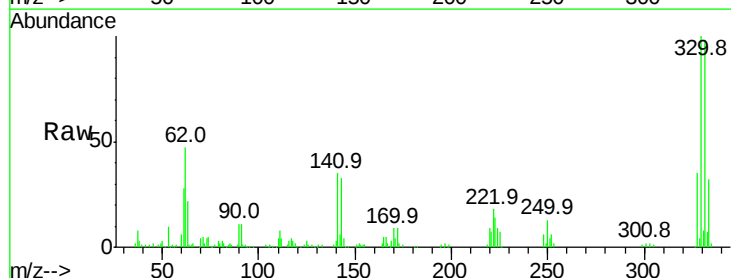
Tgt Ion:330 Resp: 164737

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

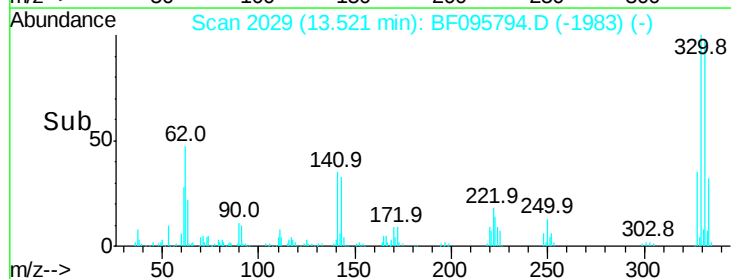
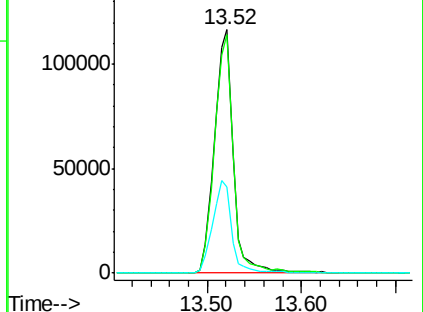
141 38.9 31.4 47.2

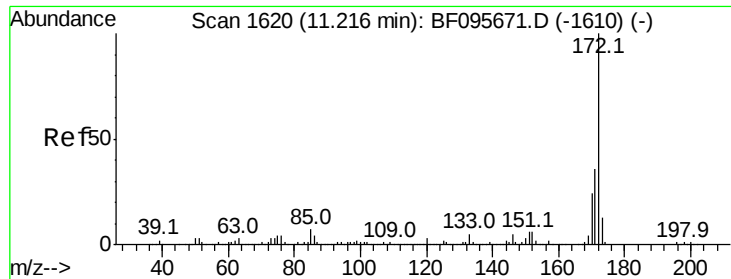


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

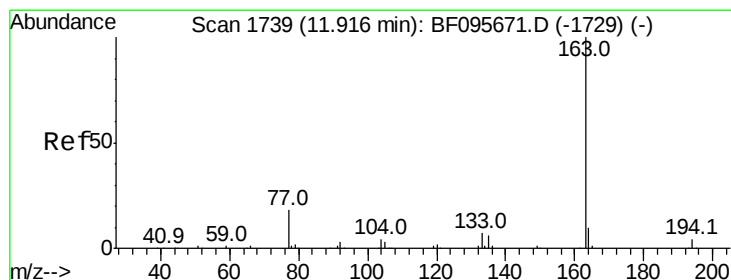
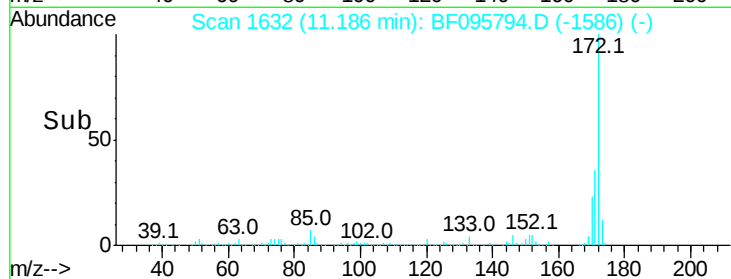
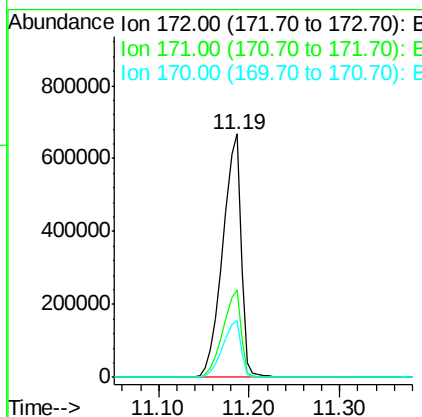
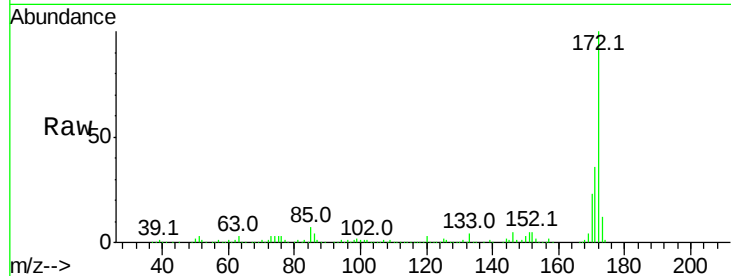




#44
2-Fluorobiphenyl
Concen: 91.35 ng
RT: 11.19 min Scan# 1632
Delta R.T. -0.03 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

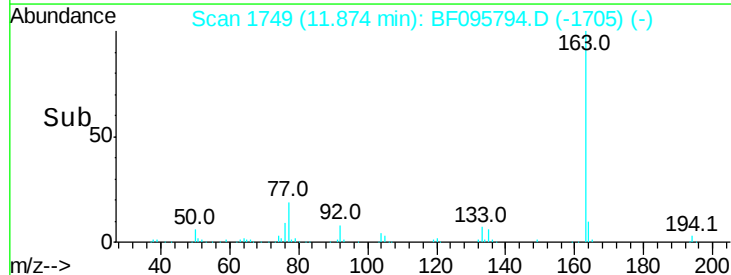
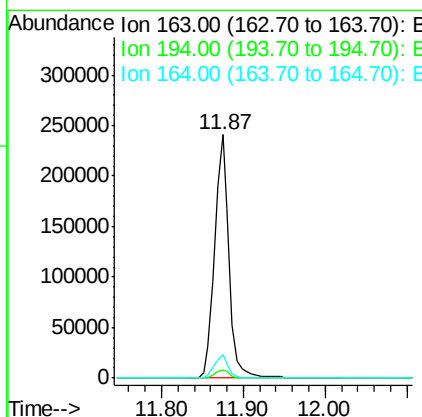
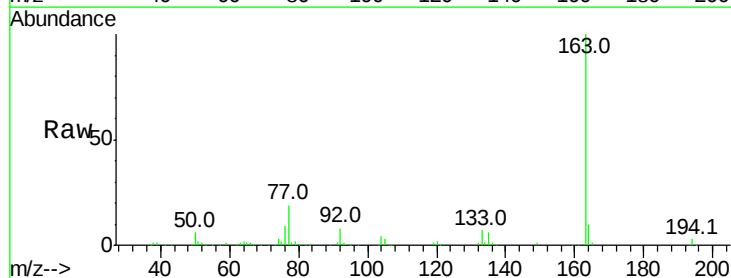
Instrument :
BNA_F
ClientSampleId :

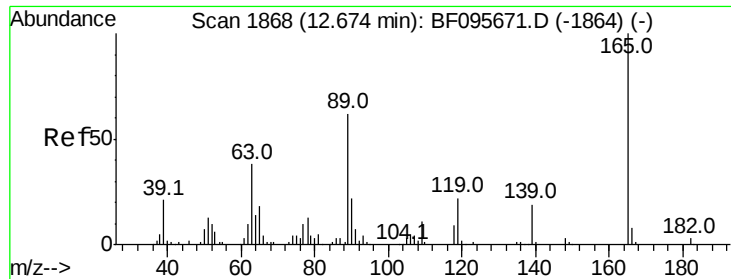
Tot Ion:172 Resp: 937533
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 27.17 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Tgt Ion:163 Resp: 294611
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.8 8.4 12.6

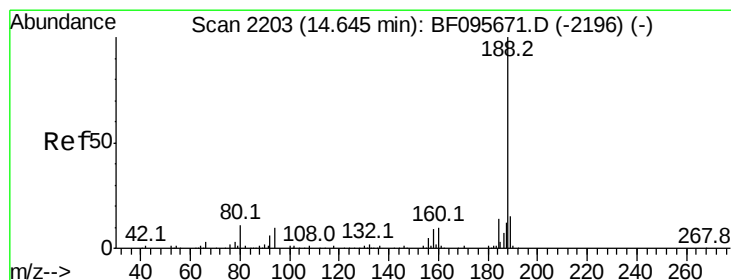
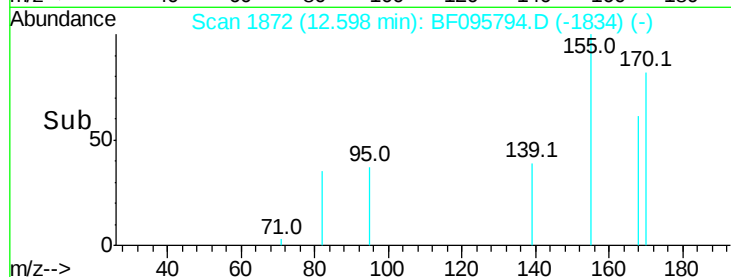
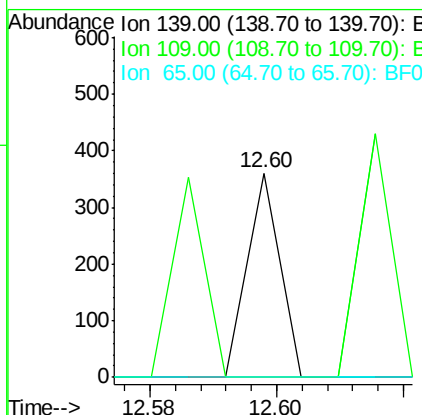
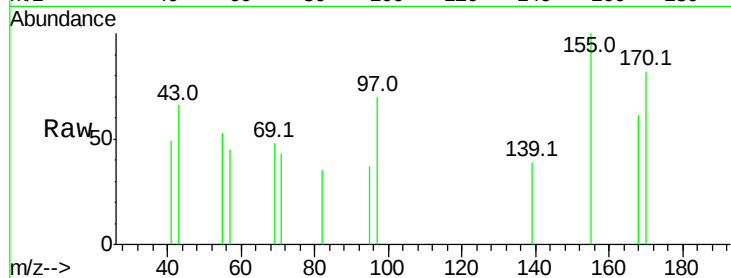




#55
4-Nitrophenol
Concen: 4.70 ng
RT: 12.60 min Scan# 1872
Delta R.T. -0.08 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

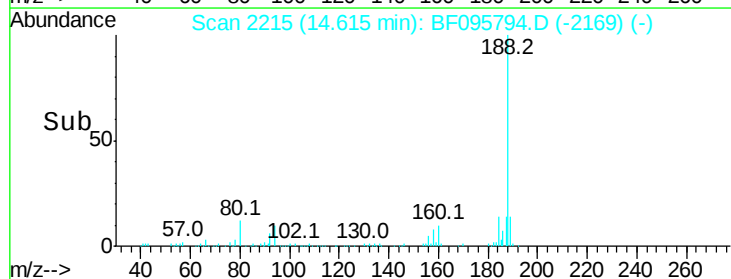
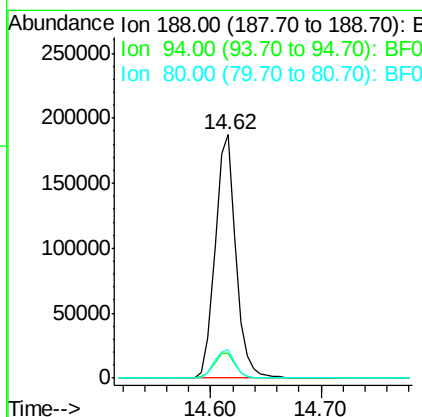
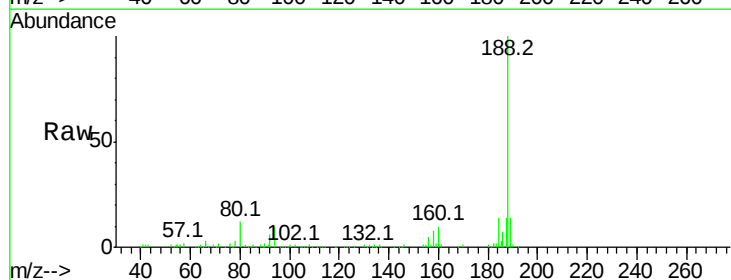
Instrument :
BNA_F
ClientSampleId :

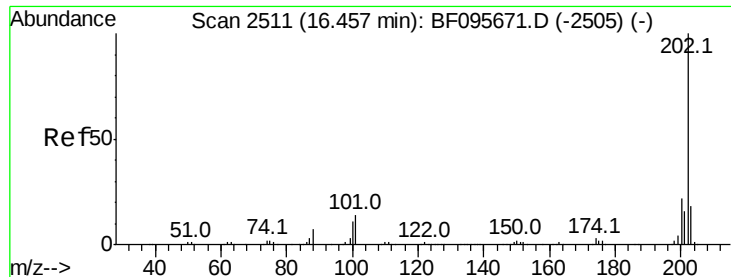
Tot Ion:139 Resp: 127
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Tgt Ion:188 Resp: 241722
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.5 10.2 15.2

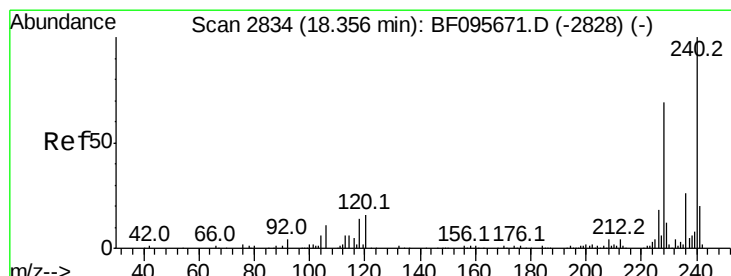
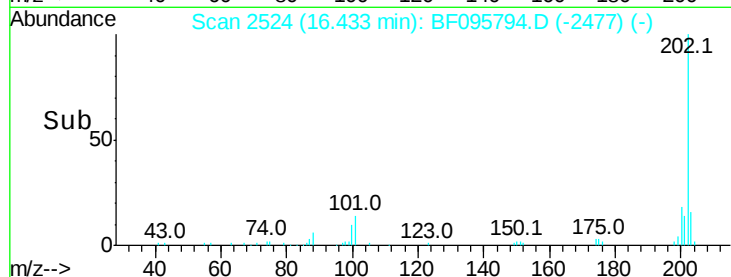
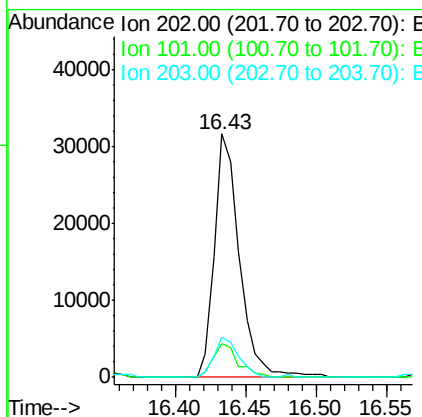
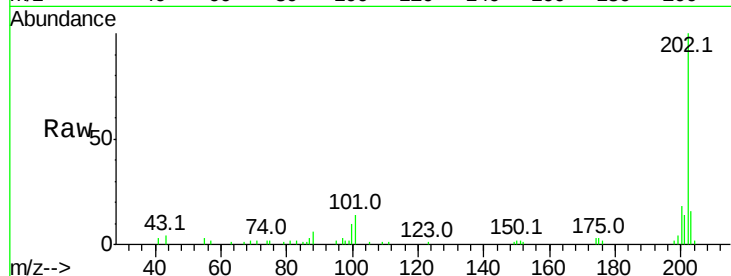




#74
 Fluoranthene
 Concen: 2.83 ng
 RT: 16.43 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BF095794.D
 Acq: 8 Jun 2017 21:02

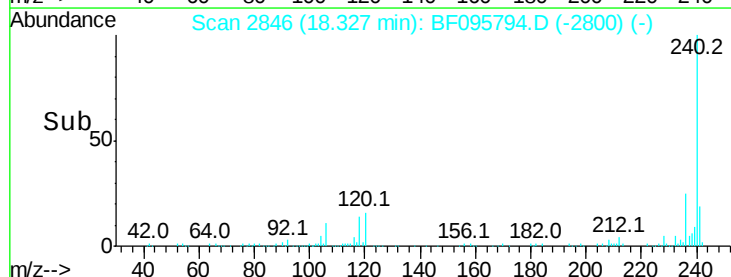
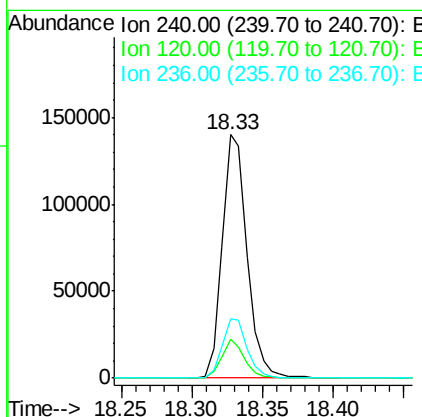
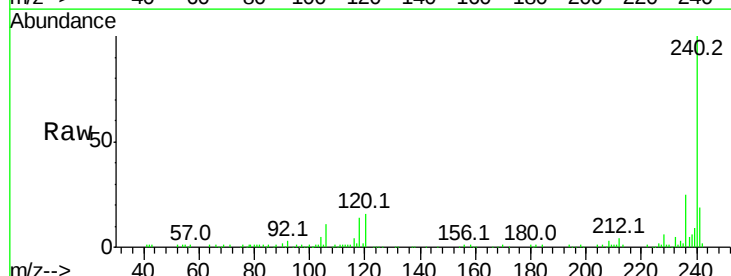
Instrument :
 BNA_F
 ClientSampleId :

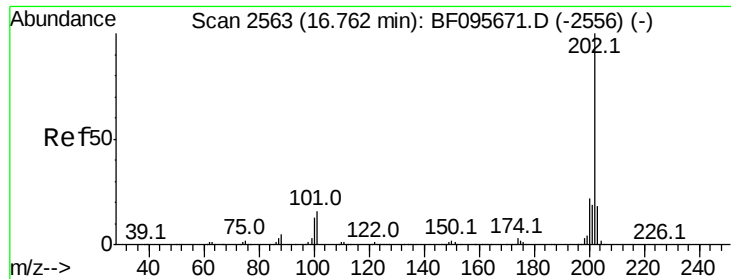
Tot Ion:202 Resp: 39031
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 33.2
 203 16.3 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2846
 Delta R.T. -0.03 min
 Lab File: BF095794.D
 Acq: 8 Jun 2017 21:02

Tgt Ion:240 Resp: 170722
 Ion Ratio Lower Upper
 240 100
 120 16.1 5.8 8.8#
 236 24.6 20.5 30.7





#77

Pvrene

Concen: 3.05 ng

RT: 16.74 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

Instrument :

BNA_F

ClientSampleId :

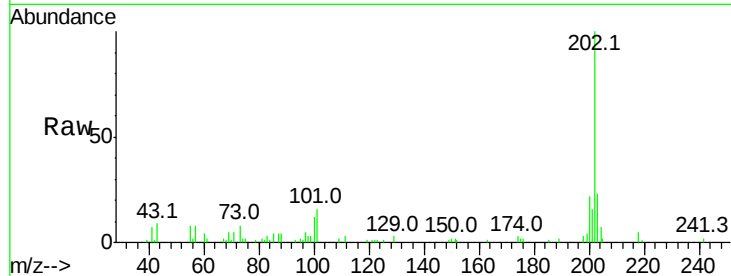
Tot Ion:202 Resp: 38916

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

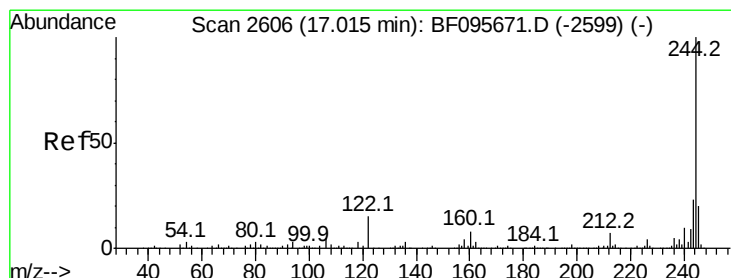
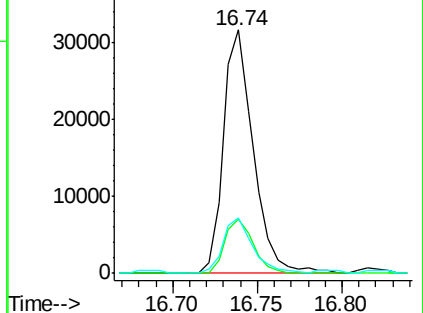
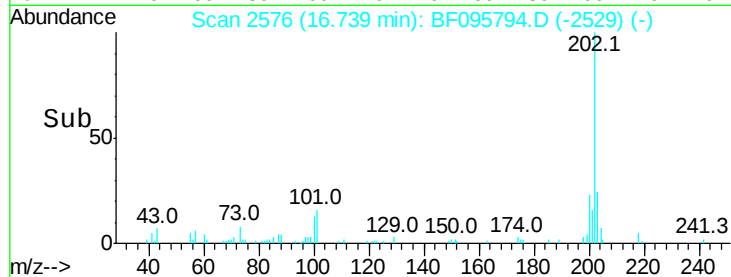
203 22.9 14.4 21.6#



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: 95.16 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095794.D

Acq: 8 Jun 2017 21:02

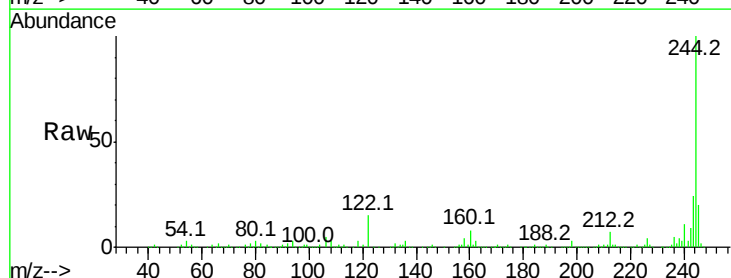
Tgt Ion:244 Resp: 654605

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

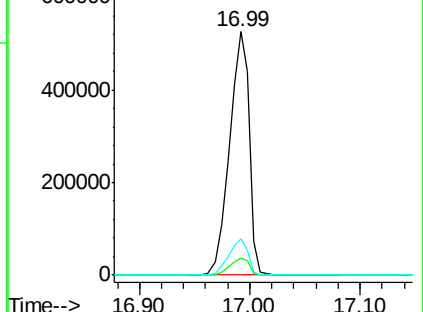
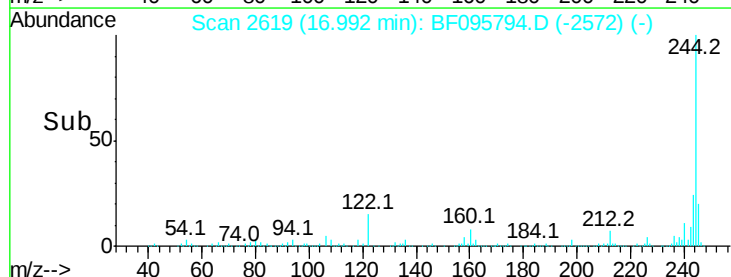
122 15.1 10.3 15.5

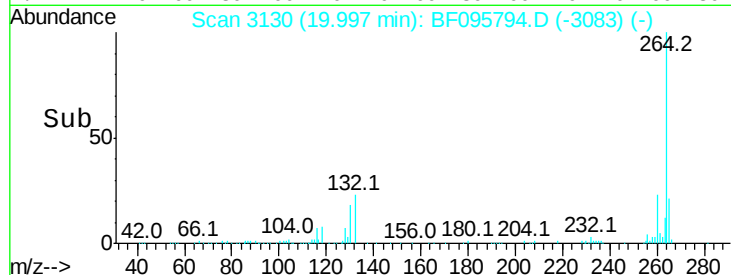
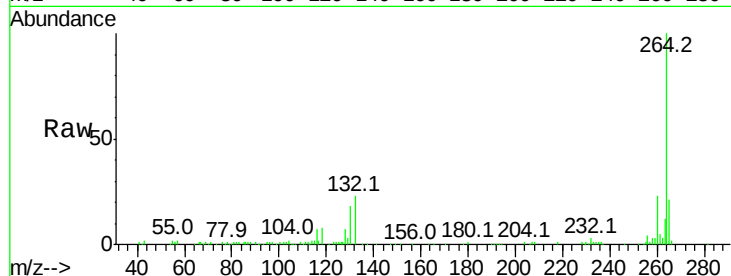
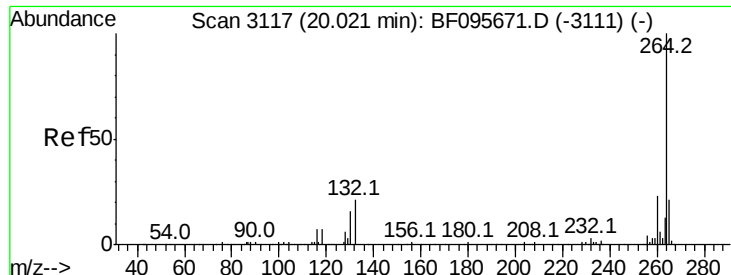


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095794.D
Acq: 8 Jun 2017 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	142114
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.5 29.3
265	20.7	17.2 25.8

