

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094810.D
 Acq On : 3 May 2017 00:08
 Operator : SJ/MA
 Sample : I2916-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Quant Time: May 03 03:49:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88800	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	353312	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	162733	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	275767	20.00	ng	0.00
75) Chrysene-d12	18.64	240	193144	20.00	ng	-0.01
86) Perylene-d12	20.31	264	163989	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	45788	8.60	ng	0.02
7) Phenol-d6	7.30	99	34781	5.44	ng	0.02
23) Nitrobenzene-d5	8.62	82	96090	17.15	ng	-0.02
41) 2,4,6-Tribromophenol	13.88	330	32271	24.21	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	213723	18.90	ng	-0.01
78) Terphenyl-d14	17.30	244	186228	21.24	ng	-0.01

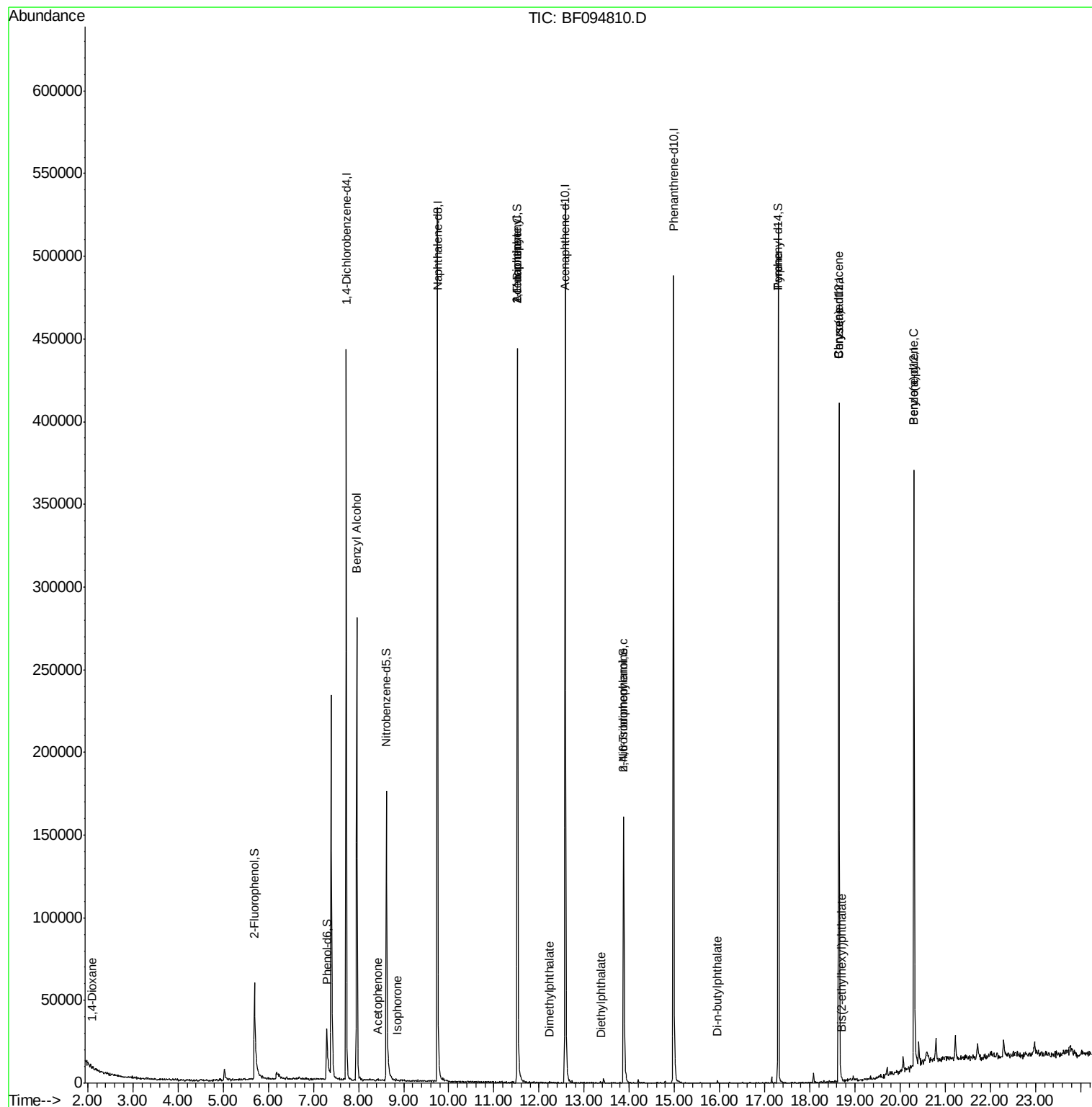
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.10	88	122	0.047	ng	# 1
15) Benzyl Alcohol	7.96	79	1338	0.326	ng	# 25
22) Acetophenone	8.43	105	293	0.035	ng	# 63
25) Isophorone	8.85	82	125	0.012	ng	# 67
45) 1,1'-Biphenyl	11.51	154	114	0.008	ng	# 1
49) Dimethylphthalate	12.23	163	968	0.072	ng	# 76
51) Acenaphthene	11.51	154	114	0.008	ng	# 1
59) Diethylphthalate	13.37	149	111	0.009	ng	# 60
65) n-Nitrosodiphenylamine	13.88	169	1092	0.109	ng	# 22
73) Di-n-butylphthalate	15.95	149	1202	0.065	ng	# 78
77) Pyrene	17.30	202	572	0.040	ng	# 56
80) Benzo(a)anthracene	18.64	228	245	0.022	ng	# 50
82) Chrysene	18.64	228	245	0.023	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.71	149	638	0.067	ng	# 52
89) Benzo(a)pyrene	20.31	252	538	0.058	ng	# 23

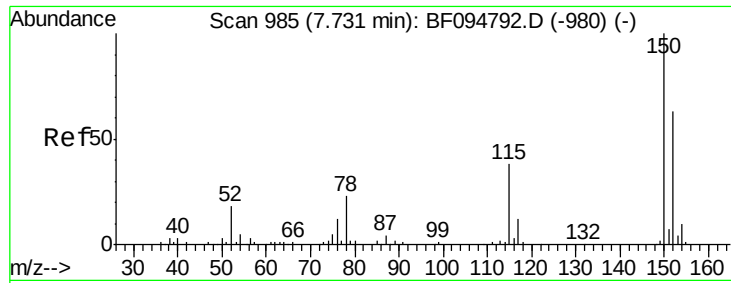
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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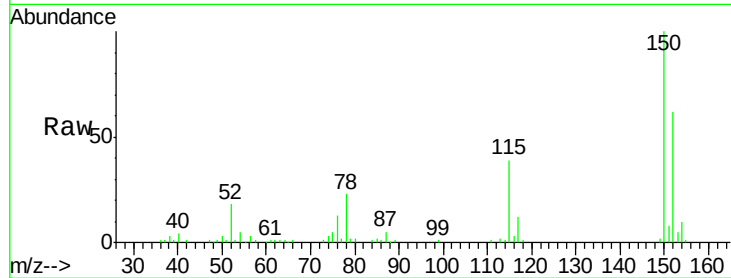


#1

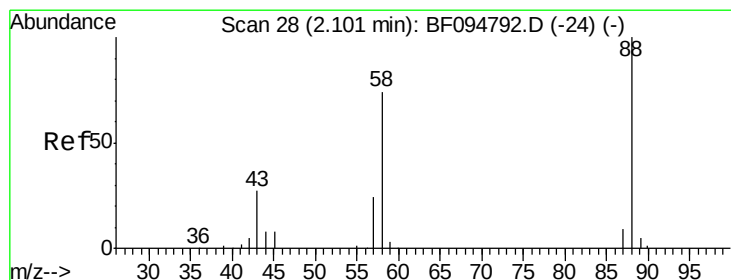
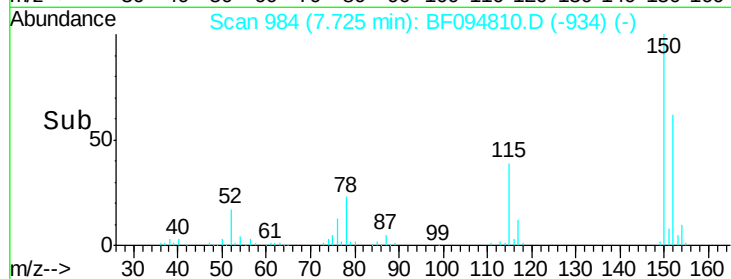
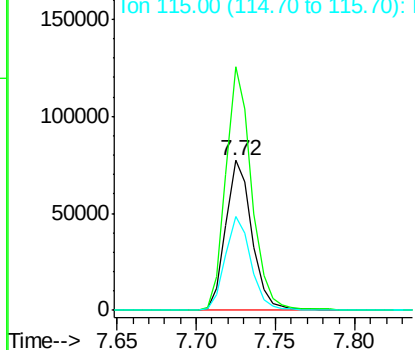
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094810.D
Acq: 3 May 2017 00:08

Instrument :
BNA_F
ClientSampleId :
RINSATEBLANK

Tgt Ion:152 Resp: 88800
Ion Ratio Lower Upper
152 100
150 162.3 126.2 189.2
115 62.5 52.2 78.2



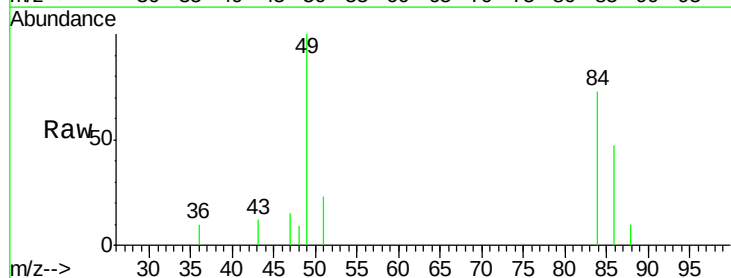
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



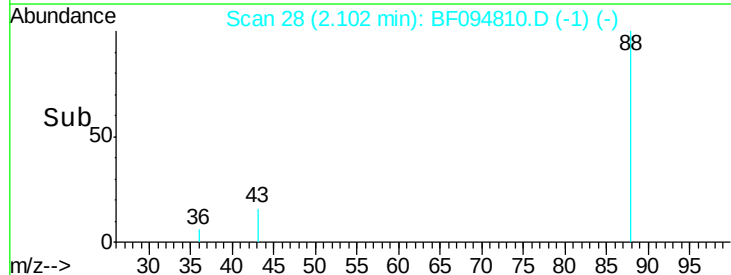
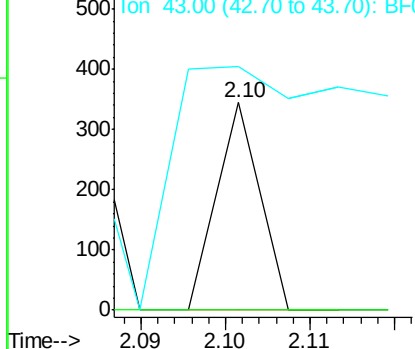
#2

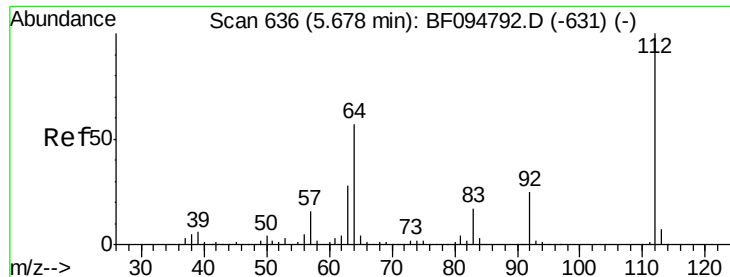
1,4-Dioxane
Concen: 0.047 ng
RT: 2.10 min Scan# 28
Delta R.T. 0.00 min
Lab File: BF094810.D
Acq: 3 May 2017 00:08

Tgt Ion: 88 Resp: 122
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 632.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 8.597 ng

RT: 5.70 min Scan# 639

Delta R.T. 0.02 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

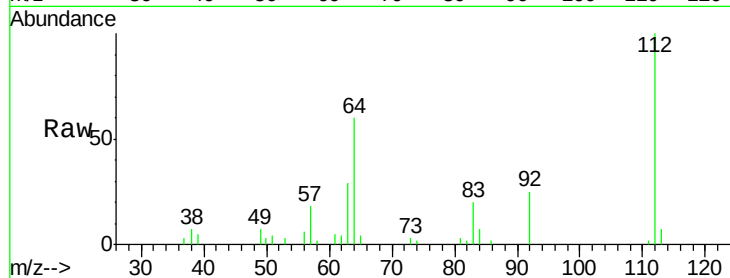
Tgt Ion: 112 Resp: 45788

Ion Ratio Lower Upper

112 100

64 59.9 46.0 69.0

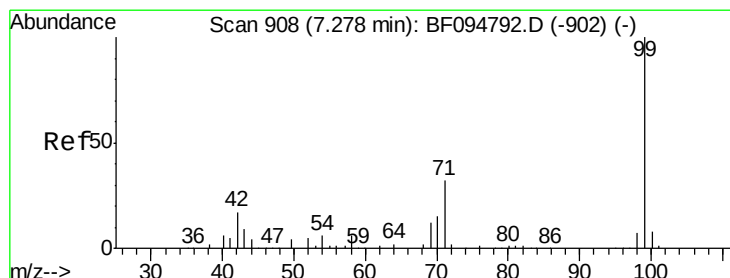
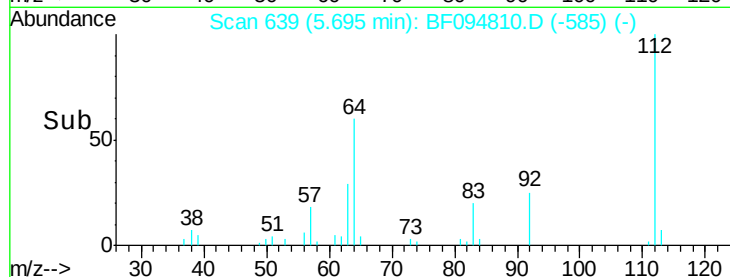
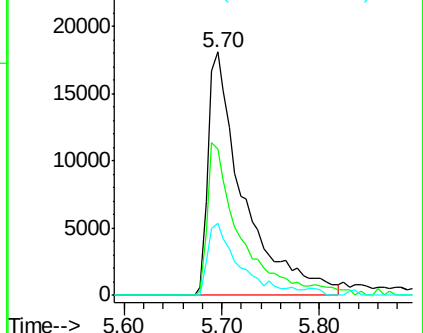
63 29.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 5.442 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.02 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

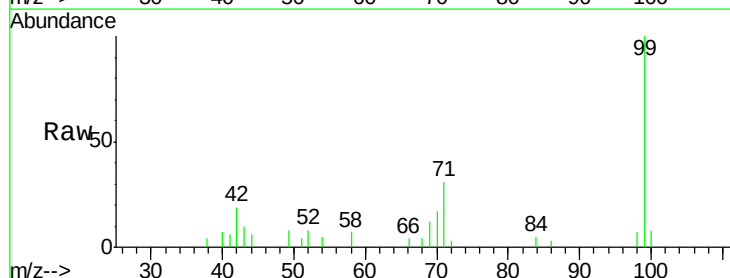
Tgt Ion: 99 Resp: 34781

Ion Ratio Lower Upper

99 100

42 19.2 13.5 20.3

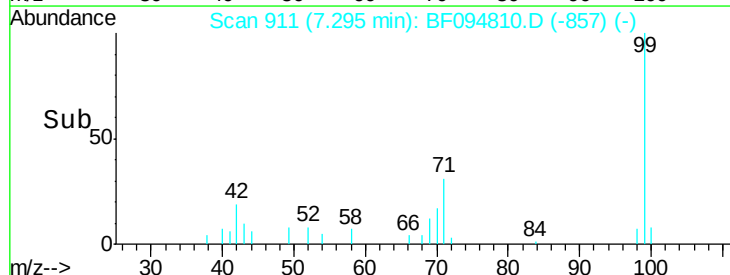
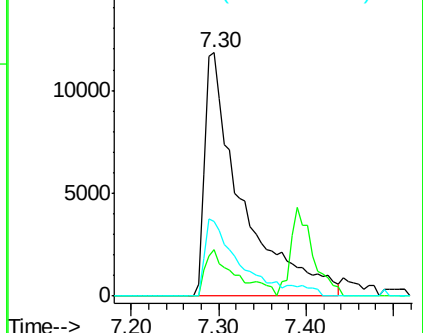
71 30.6 24.5 36.7

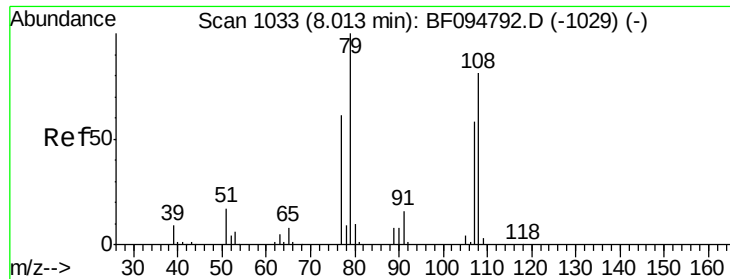


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 0.326 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

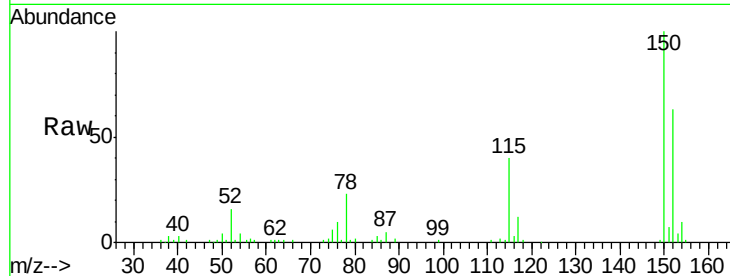
Tgt Ion: 79 Resp: 1338

Ion Ratio Lower Upper

79 100

108 0.0 63.4 95.0#

77 103.4 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

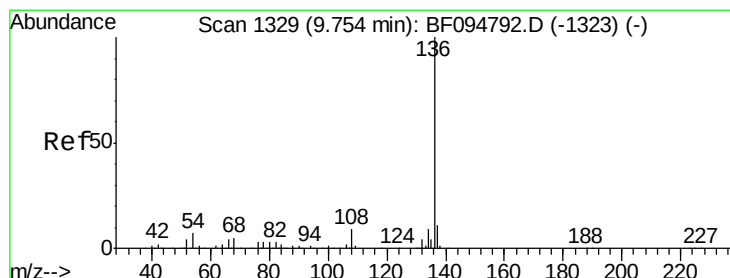
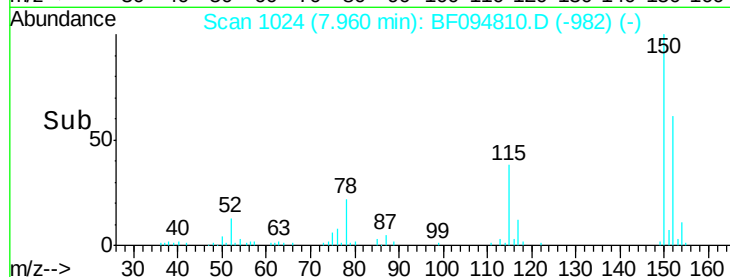
7.96

1000

500

0

Time--> 7.92 7.94 7.96 7.98 8.00



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

Tgt Ion: 136 Resp: 353312

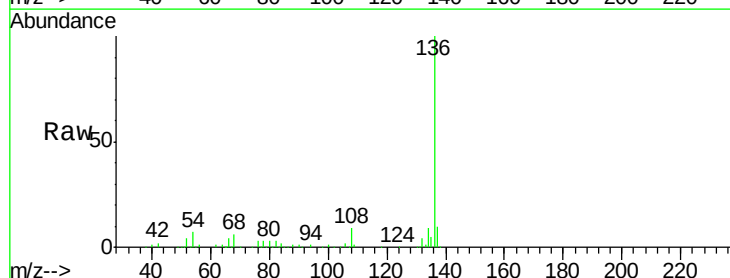
Ion Ratio Lower Upper

136 100

137 10.1 8.5 12.7

54 6.6 4.9 7.3

68 5.7 4.1 6.1



Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

9.75

400000

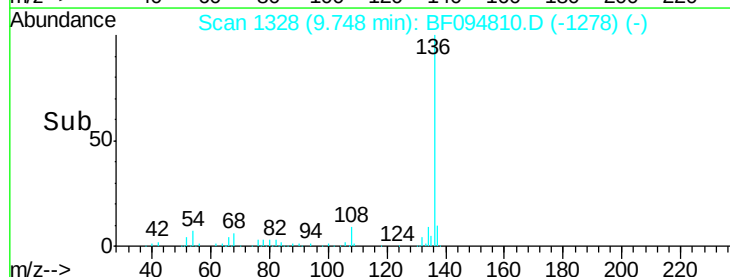
300000

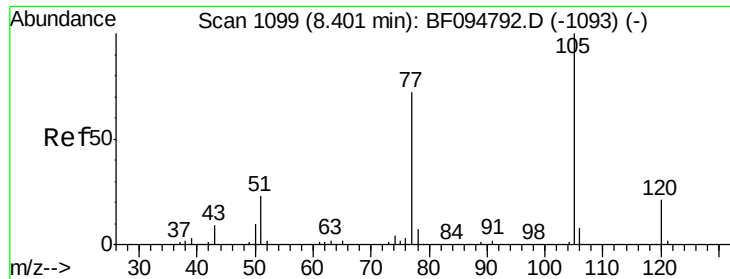
200000

100000

0

Time--> 9.65 9.70 9.75 9.80 9.85





#22

Acetophenone

Concen: 0.035 ng

RT: 8.43 min Scan# 1104

Delta R.T. 0.03 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

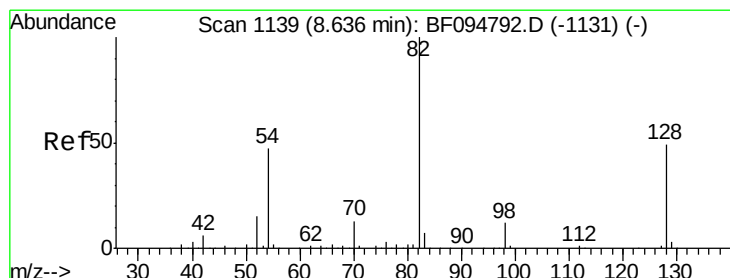
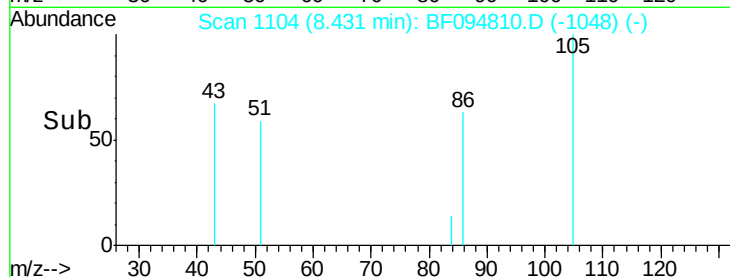
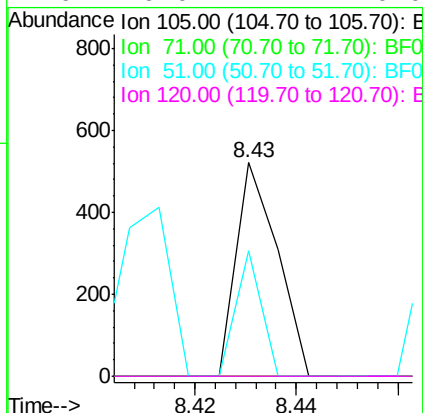
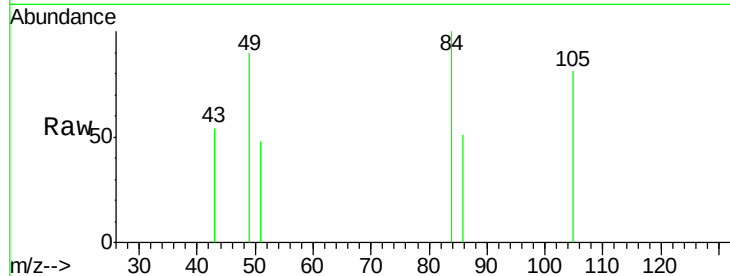
Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

Tgt Ion:	105	Resp:	293
Ion Ratio	Lower	Upper	
105	100		
71	0.0	2.8	4.2#
51	58.9	30.7	46.1#
120	0.0	17.4	26.0#



#23

Nitrobenzene-d5

Concen: 17.150 ng

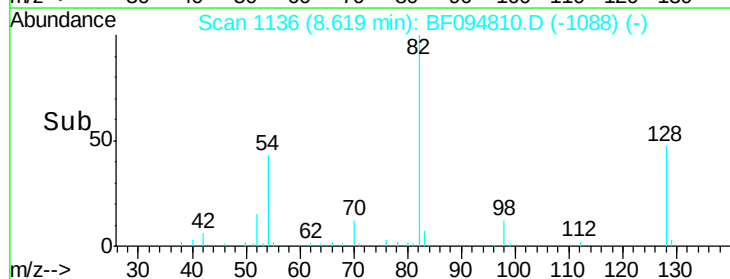
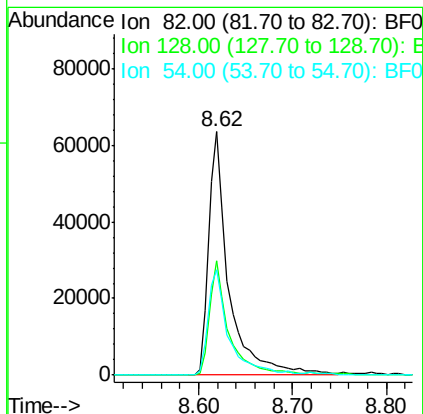
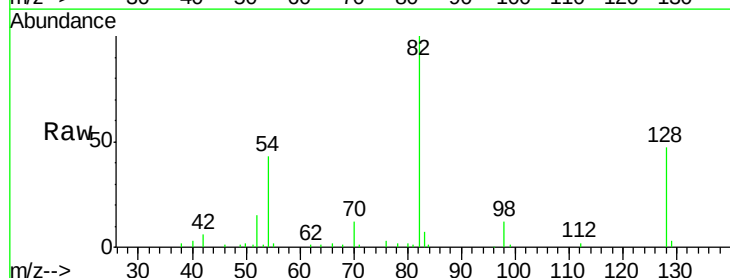
RT: 8.62 min Scan# 1136

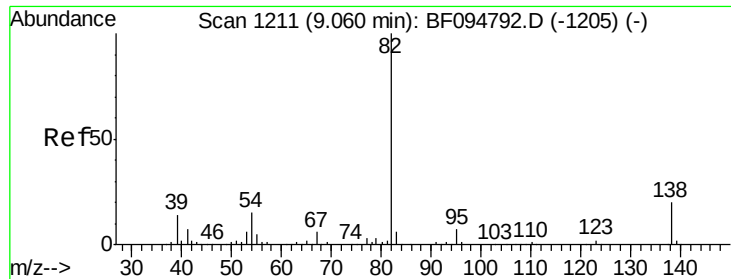
Delta R.T. -0.02 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

Tgt Ion:	82	Resp:	96090
Ion Ratio	Lower	Upper	
82	100		
128	47.2	34.0	51.0
54	43.3	42.2	63.2





#25

Isophorone

Concen: 0.012 ng

RT: 8.85 min Scan# 1176

Delta R.T. -0.21 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

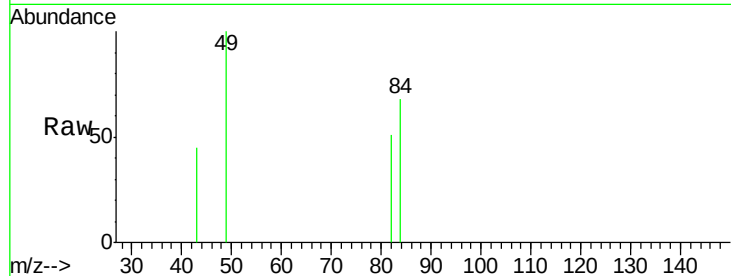
Tgt Ion: 82 Resp: 125

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

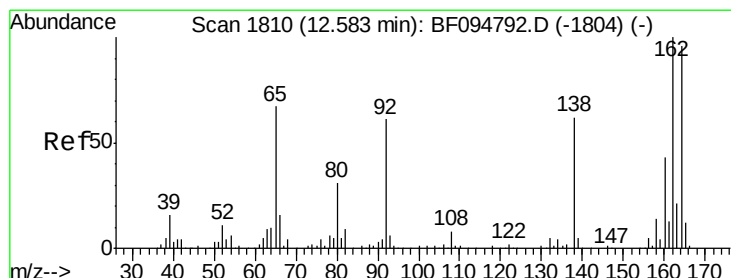
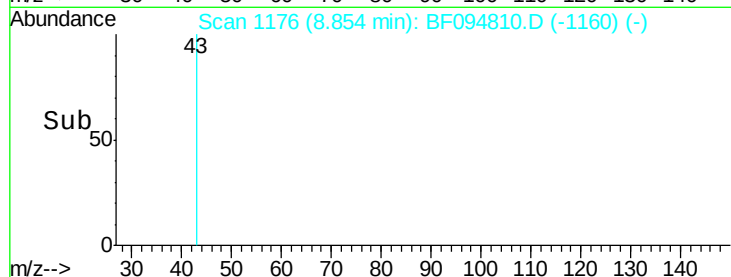
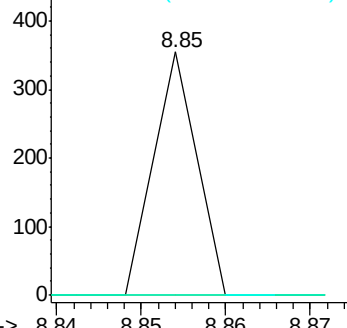
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.58 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

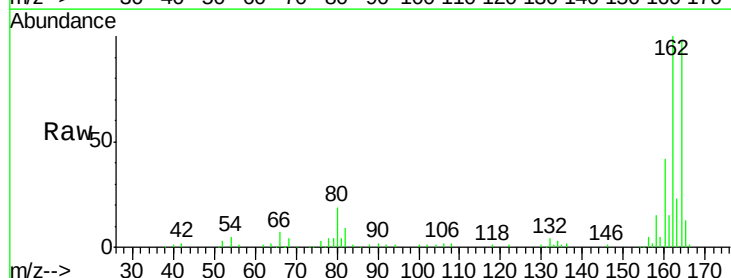
Tgt Ion: 164 Resp: 162733

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

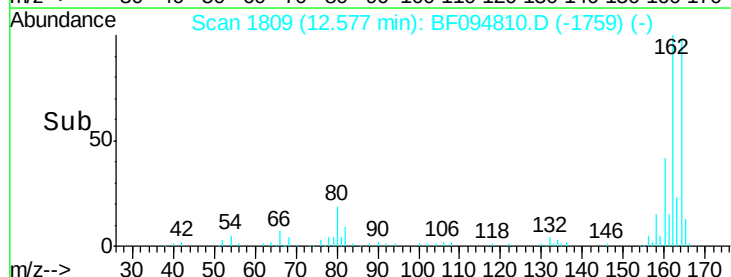
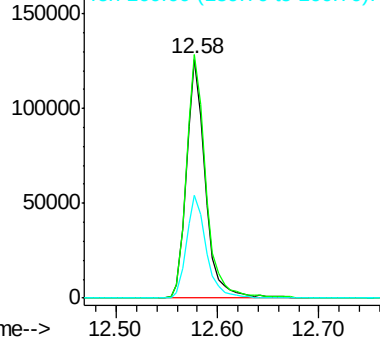
160 43.0 36.2 54.2

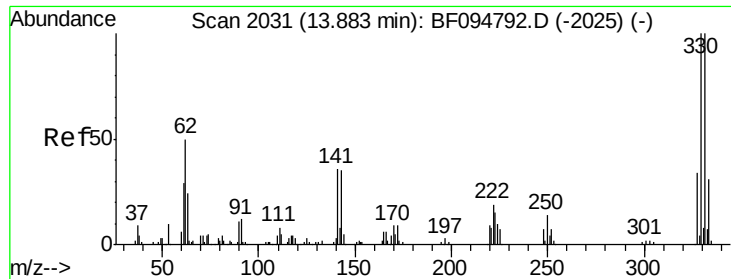


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

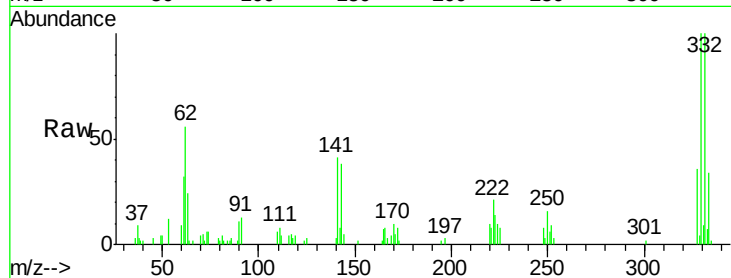




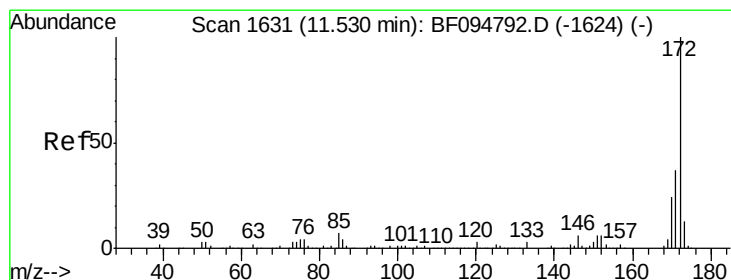
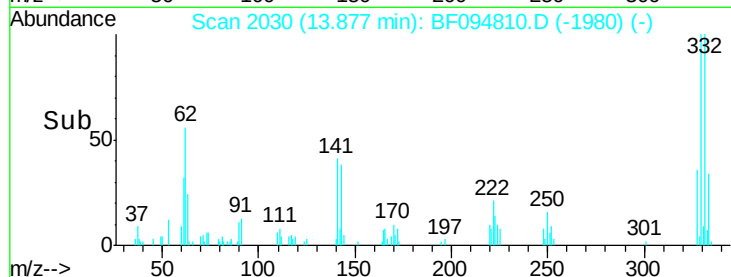
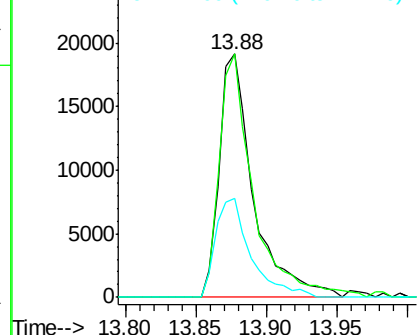
#41
 2,4,6-Tribromophenol
 Concen: 24.214 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Tgt Ion: 330 Resp: 32271
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.6 115.0
 141 41.7 31.4 47.2

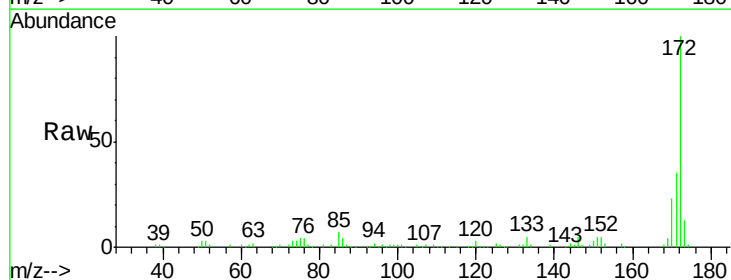


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

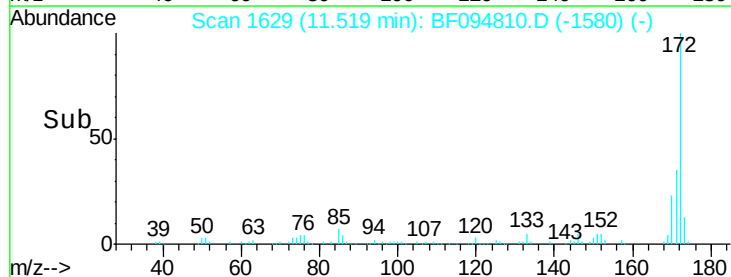
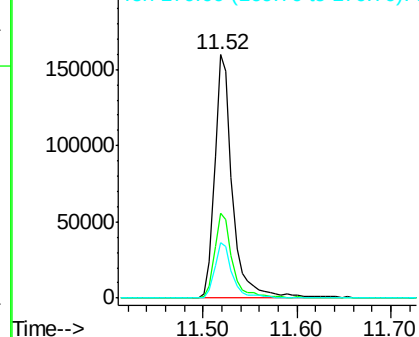


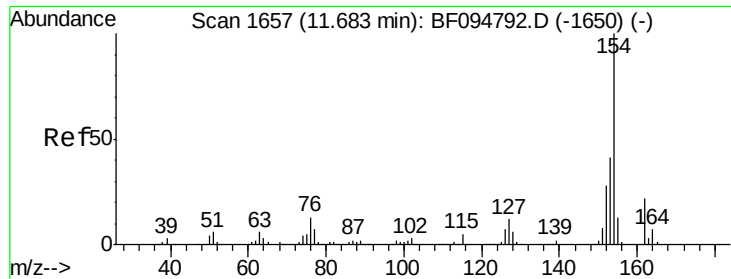
#44
 2-Fluorobiphenyl
 Concen: 18.903 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Tgt Ion: 172 Resp: 213723
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.6 44.4
 170 22.7 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

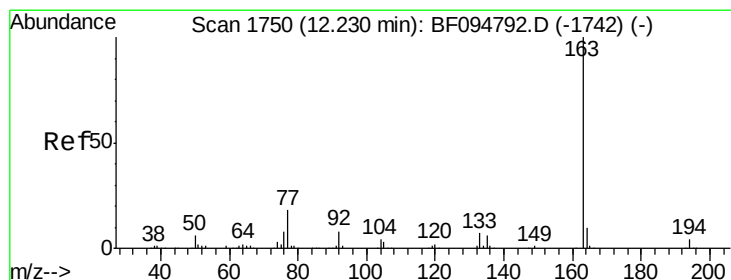
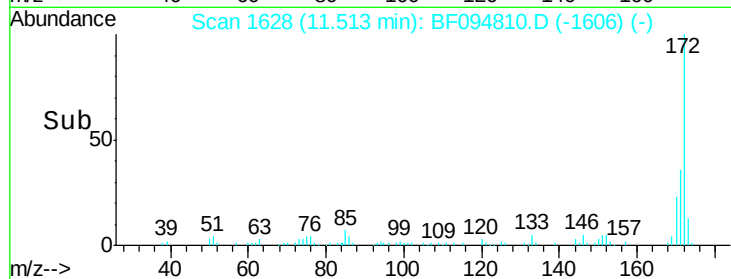
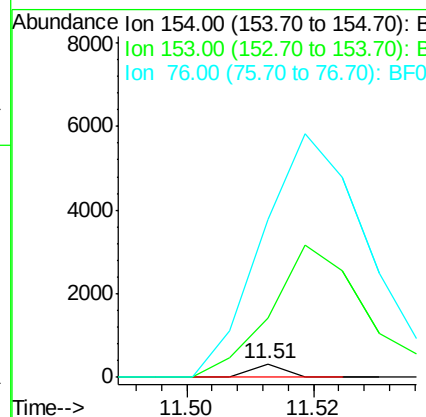
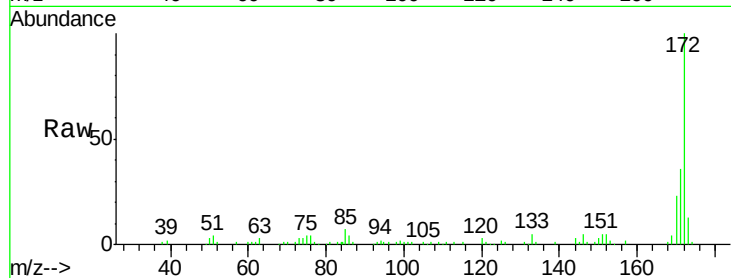




#45
 1,1'-Biphenyl
 Concen: 0.008 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.17 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

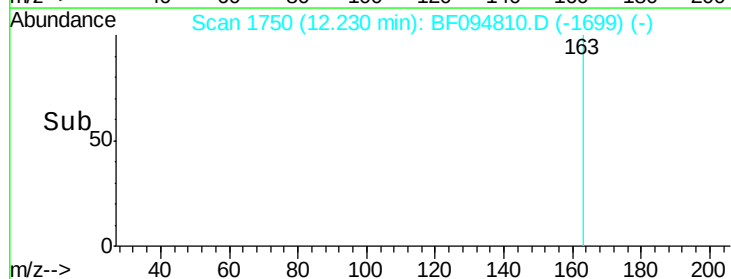
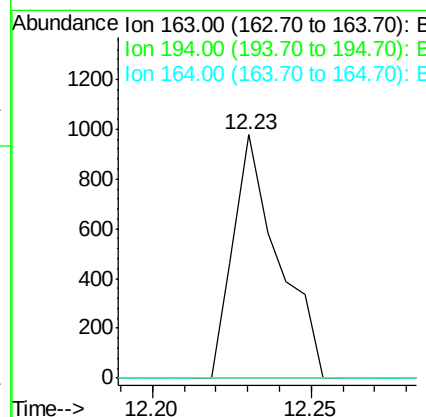
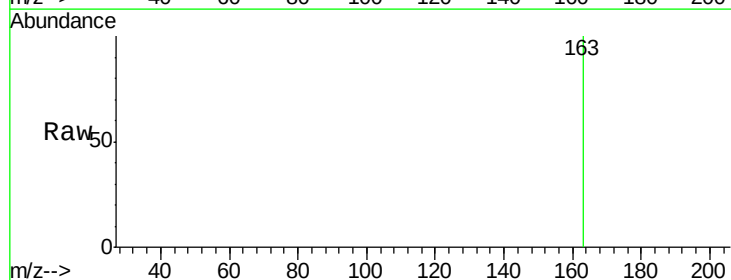
Instrument :
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 ClientSampleId :
 RINSATEBLANK

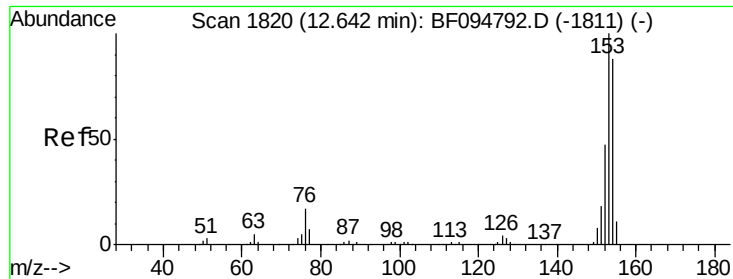
Tgt Ion:154 Resp: 114
 Ion Ratio Lower Upper
 154 100
 153 440.1 21.2 61.2#
 76 1174.5 0.0 29.9#



#49
 Dimethylphthalate
 Concen: 0.072 ng
 RT: 12.23 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Tgt Ion:163 Resp: 968
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.6 4.0#
 164 0.0 8.4 12.6#





#51

Acenaphthene

Concen: 0.008 ng

RT: 11.51 min Scan# 1628

Delta R.T. -0.17 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

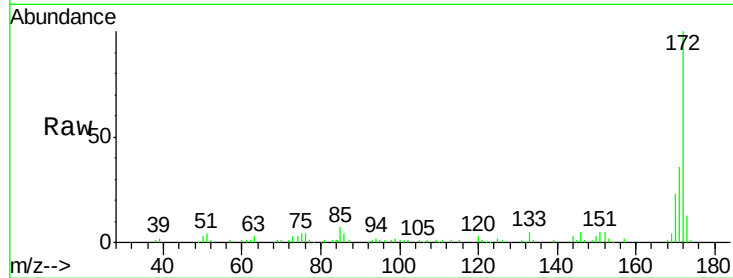
Tgt Ion:154 Resp: 114

Ion Ratio Lower Upper

154 100

153 440.1 90.5 135.7#

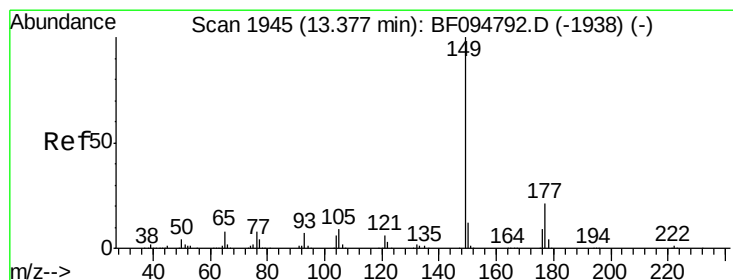
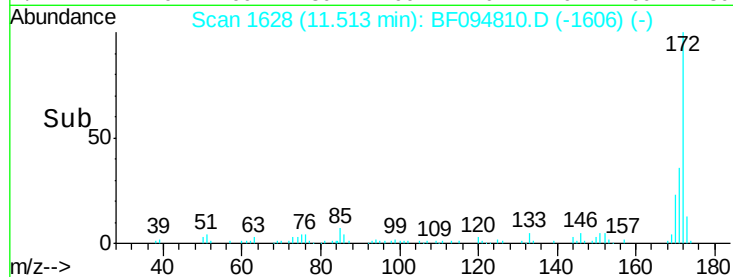
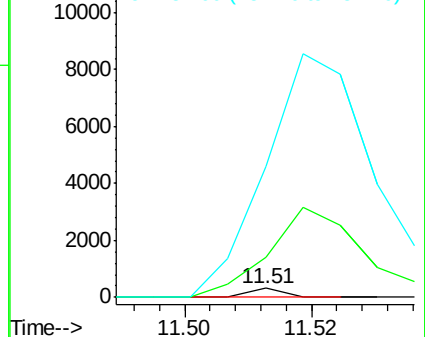
152 1427.0 43.6 65.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#59

Diethylphthalate

Concen: 0.009 ng

RT: 13.37 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

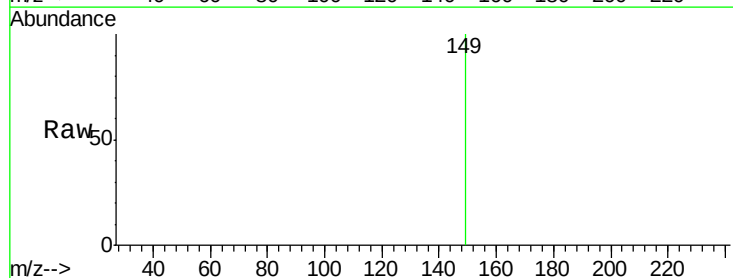
Tgt Ion:149 Resp: 111

Ion Ratio Lower Upper

149 100

177 0.0 16.7 25.1#

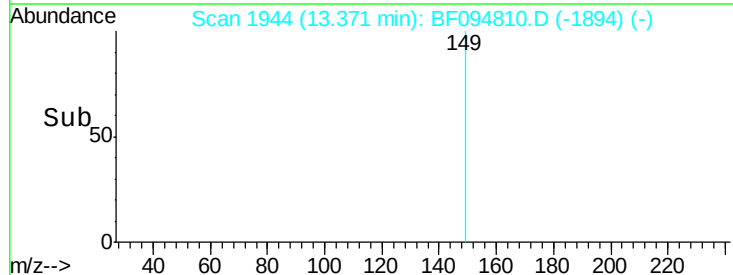
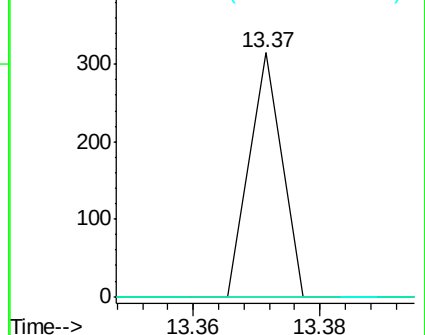
150 0.0 10.2 15.2#

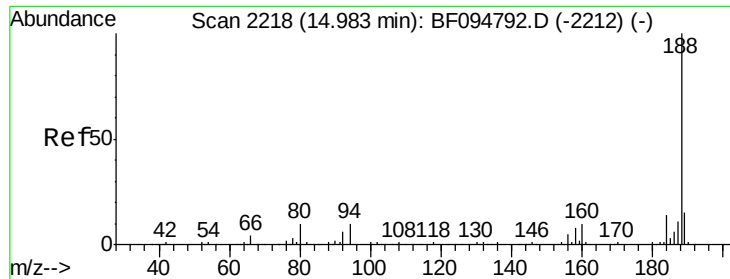


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

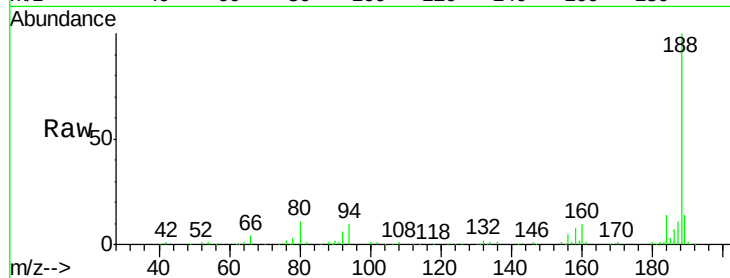




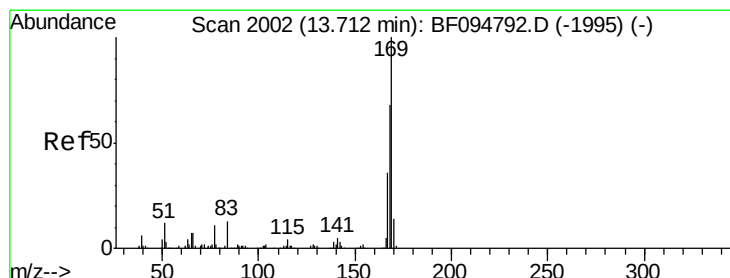
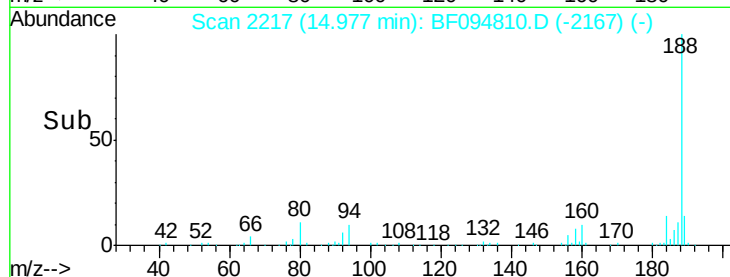
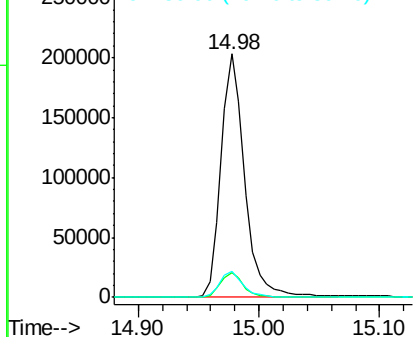
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Tgt Ion:188 Resp: 275767
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.7 10.2 15.2

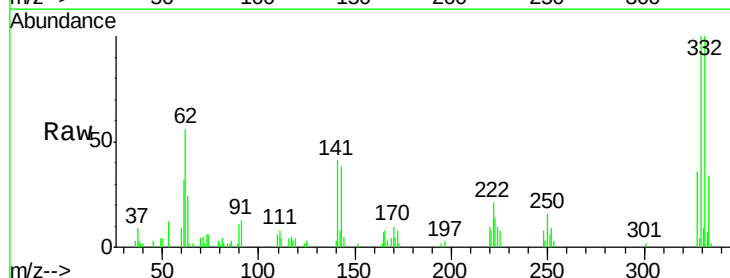


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

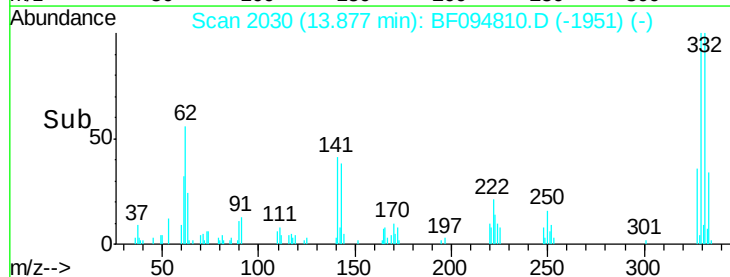
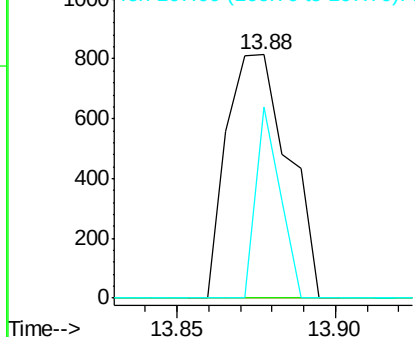


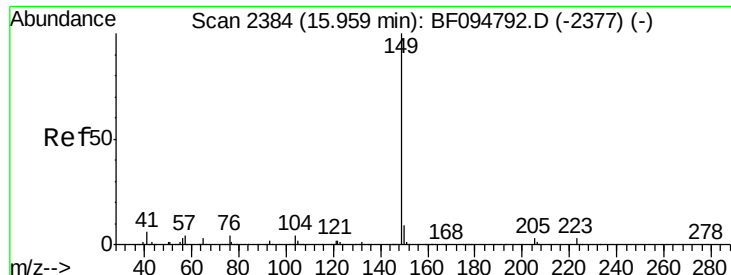
#65
 n-Nitrosodiphenylamine
 Concen: 0.109 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. 0.16 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Tgt Ion:169 Resp: 1092
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.2 79.8#
 167 78.4 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#73

Di-n-butylphthalate

Concen: 0.065 ng

RT: 15.95 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

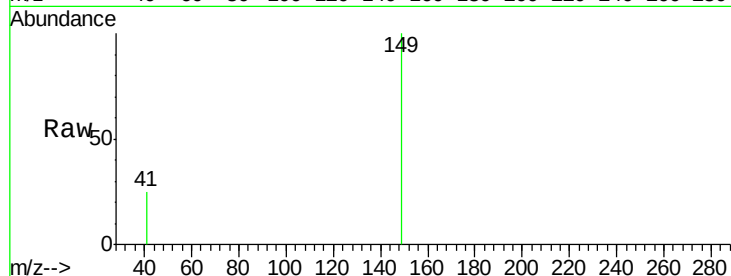
Tgt Ion:149 Resp: 1202

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

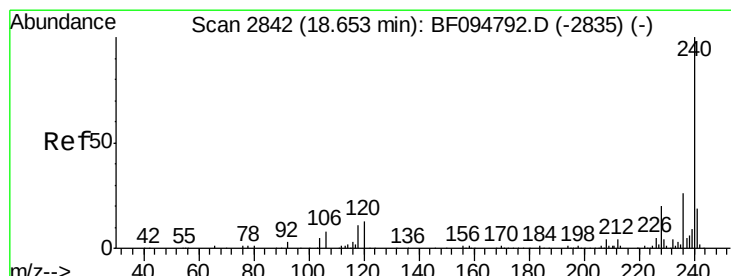
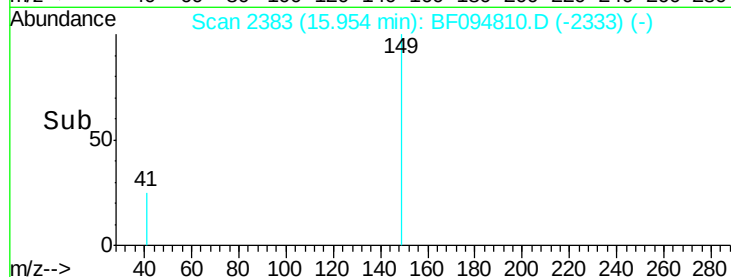
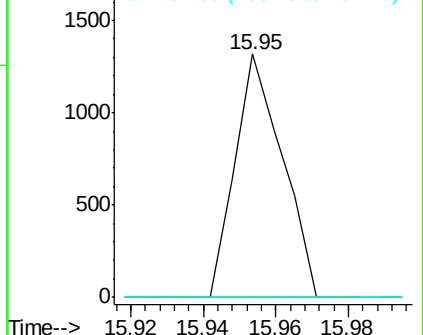
104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

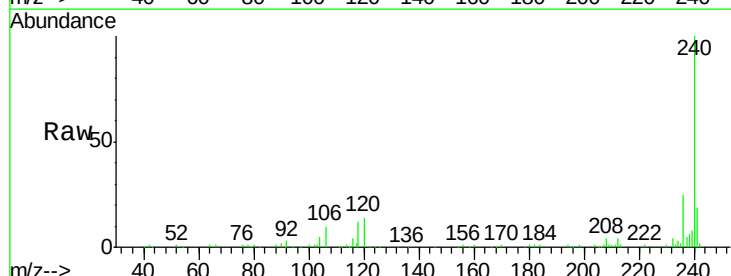
Tgt Ion:240 Resp: 193144

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

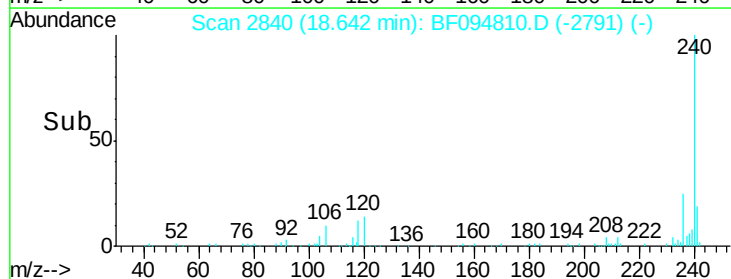
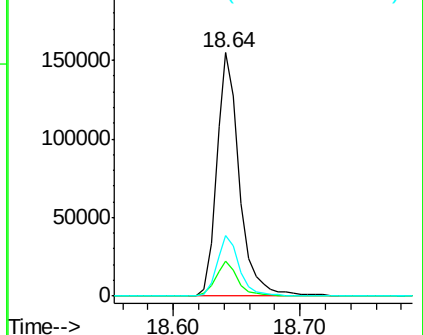
236 25.1 20.5 30.7

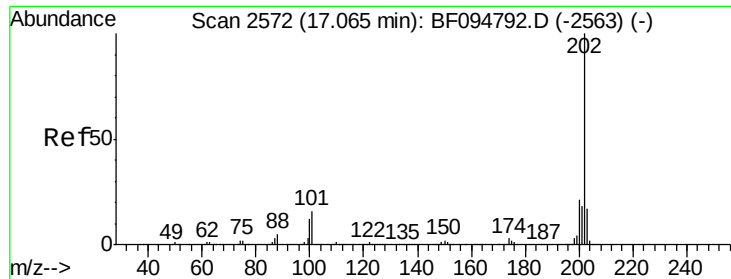


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

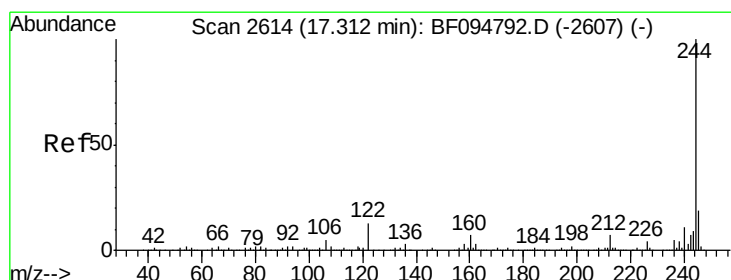
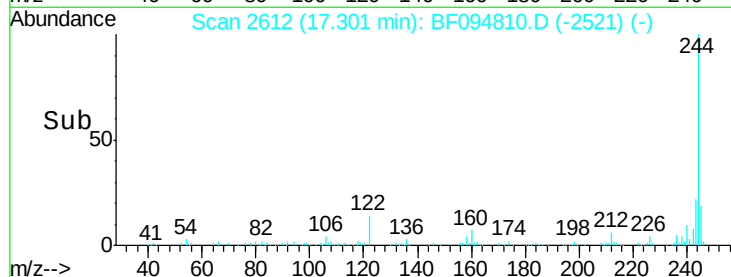
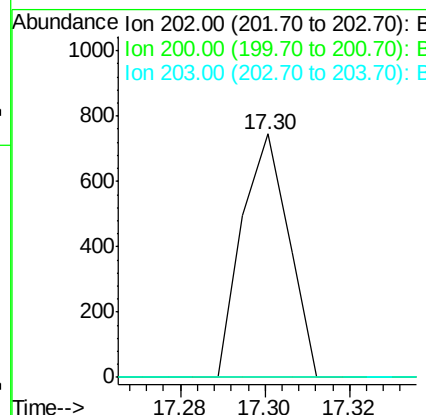
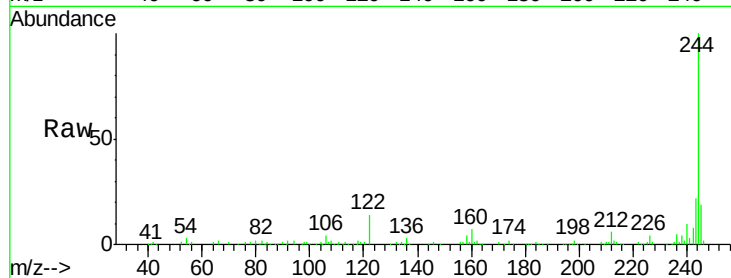




#77
 Pyrene
 Concen: 0.040 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. 0.24 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

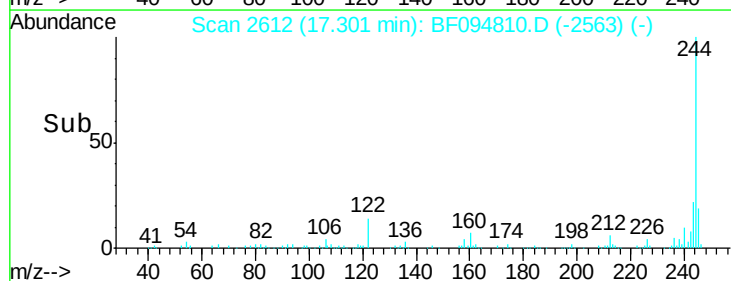
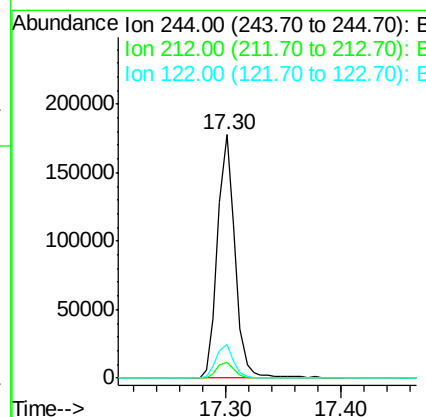
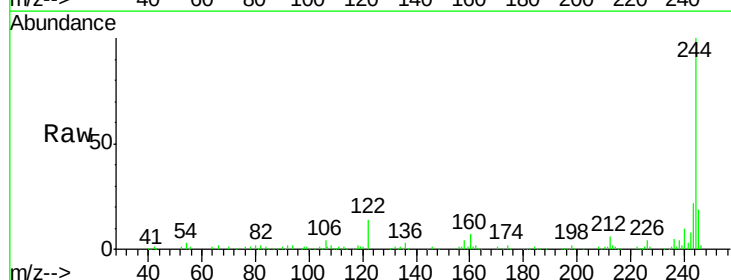
Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

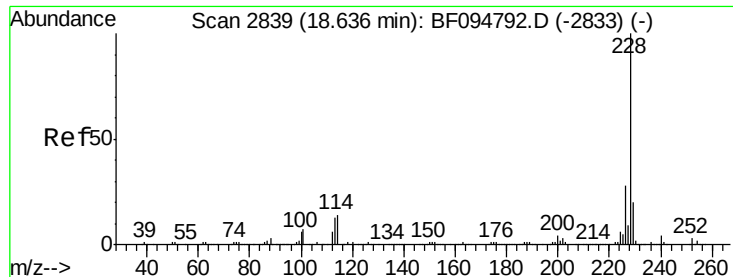
Tgt Ion:202 Resp: 572
 Ion Ratio Lower Upper
 202 100
 200 0.0 17.6 26.4#
 203 0.0 14.4 21.6#



#78
 Terphenyl-d14
 Concen: 21.237 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Tgt Ion:244 Resp: 186228
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 13.8 10.3 15.5





#80

Benzo(a)anthracene

Concen: 0.022 ng

RT: 18.64 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

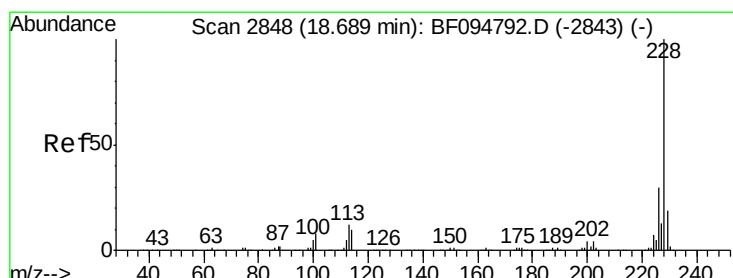
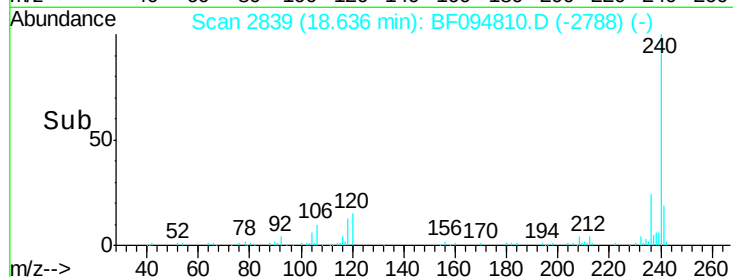
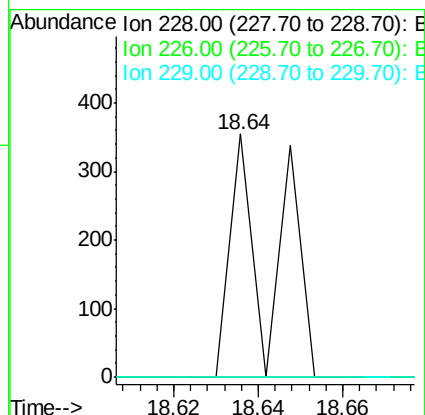
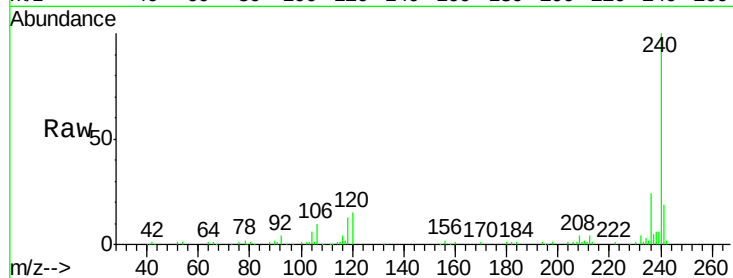
Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK

Tgt Ion:	228	Resp:	245
Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	0.0	16.3	24.5#



#82

Chrysene

Concen: 0.023 ng

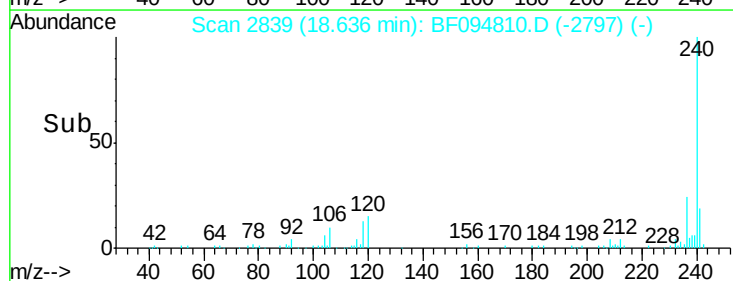
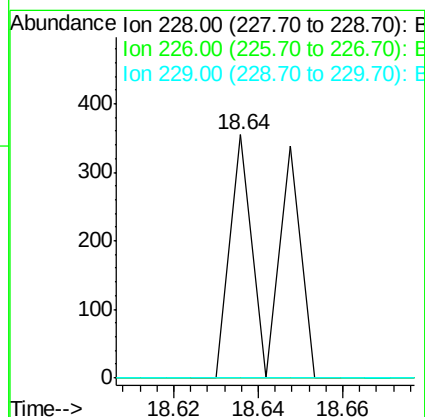
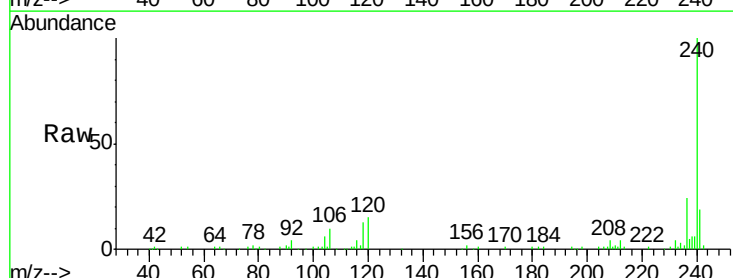
RT: 18.64 min Scan# 2839

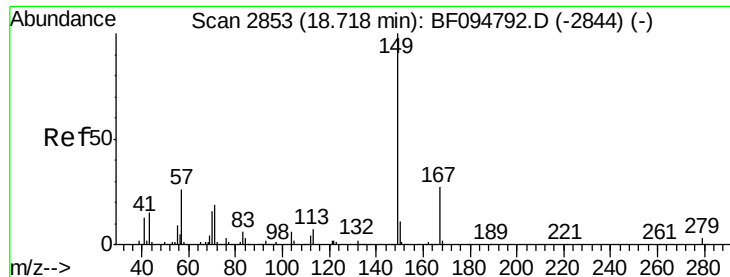
Delta R.T. -0.05 min

Lab File: BF094810.D

Acq: 3 May 2017 00:08

Tgt Ion:	228	Resp:	245
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.8	23.6#

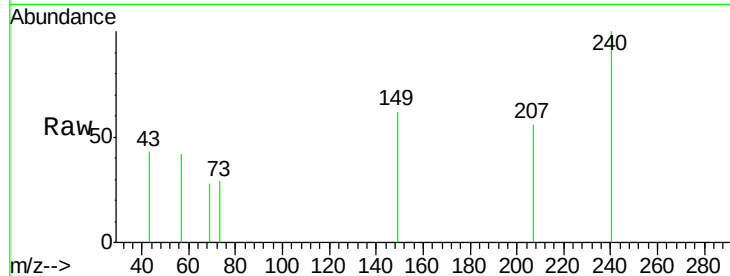




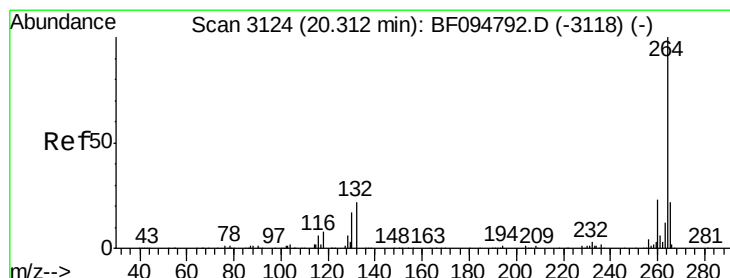
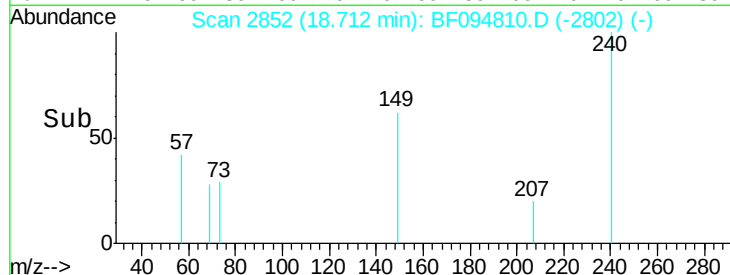
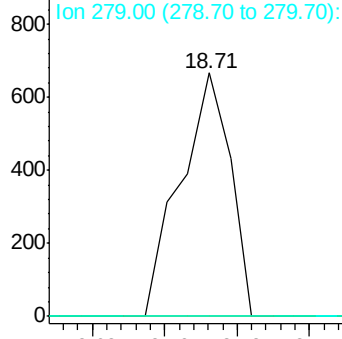
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :
 RINSATEBLANK

Tgt Ion:149 Resp: 638
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.0 31.4#
 279 0.0 1.9 2.9#

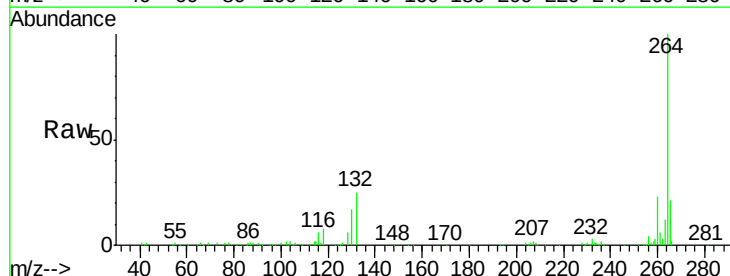


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

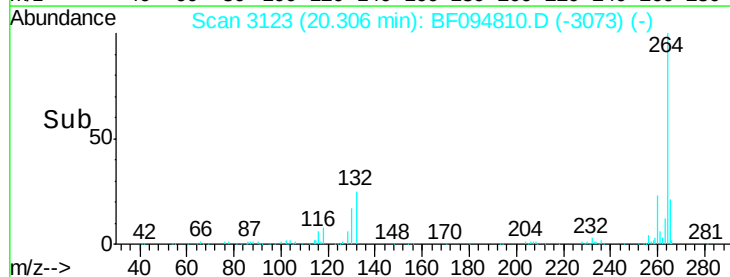
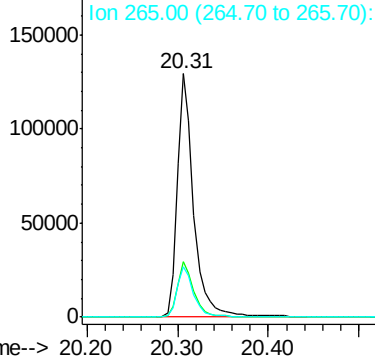


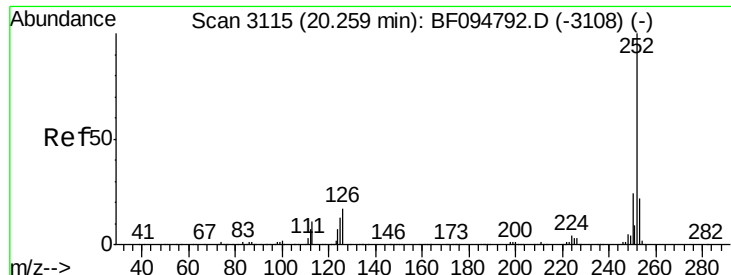
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094810.D
 Acq: 3 May 2017 00:08

Tgt Ion:264 Resp: 163989
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 20.9 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





#89

Benzo(a)pyrene

Concen: 0.058 ng

RT: 20.31 min Scan# 3123

Delta R.T. 0.05 min

Lab File: BF094810.D

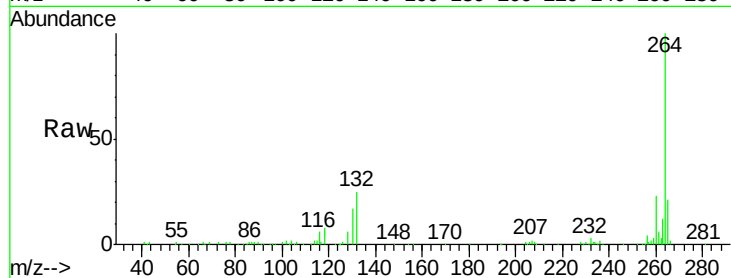
Acq: 3 May 2017 00:08

Instrument :

BNA_F

ClientSampleId :

RINSATEBLANK



Tgt Ion:	252	Resp:	538
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	64.7	11.0	16.4#

