

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094807.D
 Acq On : 2 May 2017 22:32
 Operator : SJ/MA
 Sample : I2928-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Quant Time: May 03 02:51:55 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	7.73	152	87603	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	361040	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	155000	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	280968	20.00	ng	0.00
75) Chrysene-d12	18.64	240	207004	20.00	ng	-0.01
86) Perylene-d12	20.31	264	163606	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	558634	106.32	ng	0.00
7) Phenol-d6	7.27	99	693315	109.97	ng	0.00
23) Nitrobenzene-d5	8.62	82	380109	66.39	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	144783	114.06	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	794935	73.82	ng	0.00
78) Terphenyl-d14	17.31	244	684169	72.80	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.05	88	118	0.046	ng	# 73
6) Aniline	7.29	93	118	0.015	ng	# 1
8) 2-Chlorophenol	7.41	128	137	0.023	ng	# 1
9) Benzaldehyde	7.27	77	661	0.172	ng	# 1
10) Phenol	7.28	94	14864	2.237	ng	# 84
11) bis(2-Chloroethyl)ether	7.39	93	608	0.111	ng	# 1
15) Benzyl Alcohol	7.97	79	5938	1.464	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	8.31	45	121	0.016	ng	# 70
24) Nitrobenzene	8.62	77	863	0.144	ng	# 39
25) Isophorone	9.17	82	108	0.011	ng	# 67
45) 1,1'-Biphenyl	11.52	154	1338	0.103	ng	# 1
49) Dimethylphthalate	12.21	163	271745	21.356	ng	# 98
50) 2,6-Dinitrotoluene	12.21	165	2825	1.088	ng	# 11
51) Acenaphthene	11.52	154	1338	0.103	ng	# 1
59) Diethylphthalate	13.37	149	1052	0.086	ng	# 60
62) Azobenzene	13.87	77	620	0.063	ng	# 9
64) 4,6-Dinitro-2-methylphenol	13.87	198	126	0.067	ng	# 1
65) n-Nitrosodiphenylamine	13.87	169	4919	0.482	ng	# 43
70) Phenanthrene	15.01	178	662	0.041	ng	# 59
71) Anthracene	15.01	178	662	0.040	ng	# 59
73) Di-n-butylphthalate	15.95	149	4598	0.246	ng	# 88
74) Fluoranthene	16.78	202	1358	0.082	ng	# 62
77) Pyrene	17.07	202	1656	0.107	ng	# 68
79) Butylbenzylphthalate	17.96	149	119	0.017	ng	# 32
80) Benzo(a)anthracene	18.63	228	1049	0.087	ng	# 50
82) Chrysene	18.67	228	983	0.084	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.71	149	4493	0.438	ng	# 97
84) Di-n-octyl phthalate	19.53	149	864	0.051	ng	# 1
87) Benzo(b)fluoranthene	19.92	252	825	0.082	ng	# 59
88) Benzo(k)fluoranthene	19.92	252	825	0.085	ng	# 56
89) Benzo(a)pyrene	20.25	252	516	0.055	ng	# 29
91) Benzo(g,h,i)perylene	22.03	276	116	0.015	ng	# 47

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094807.D
Acq On : 2 May 2017 22:32
Operator : SJ/MA
Sample : I2928-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Quant Time: May 03 02:51:55 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

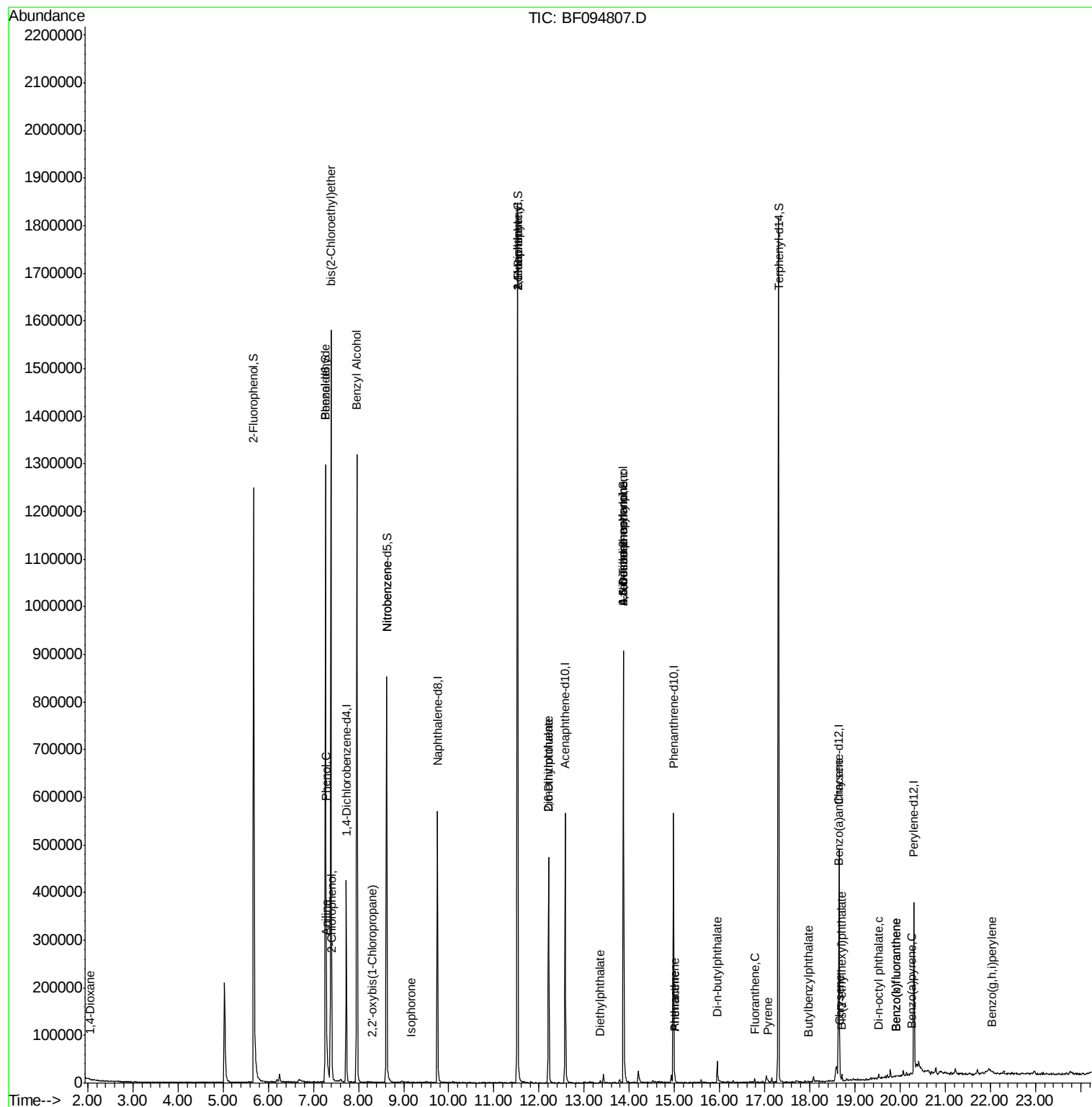
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094807.D
Acq On : 2 May 2017 22:32
Operator : SJ/MA
Sample : I2928-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Quant Time: May 03 02:51:55 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



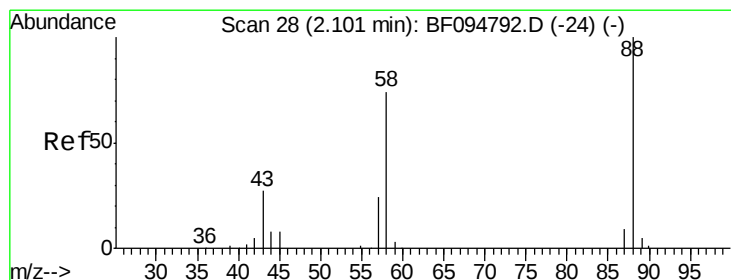
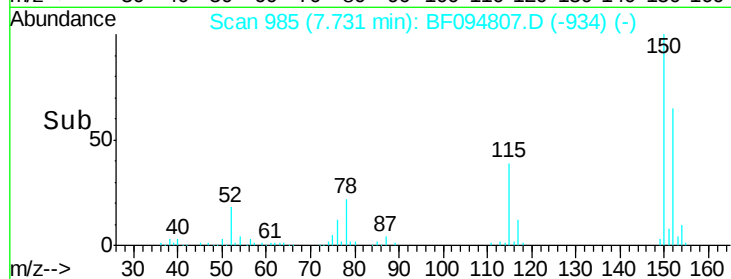
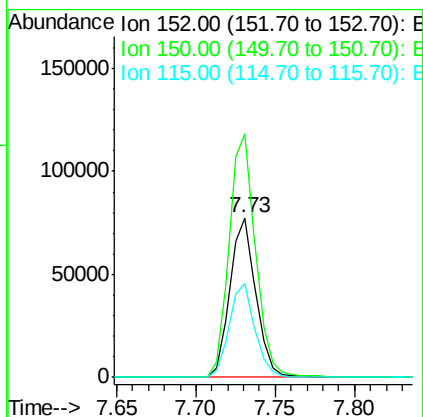
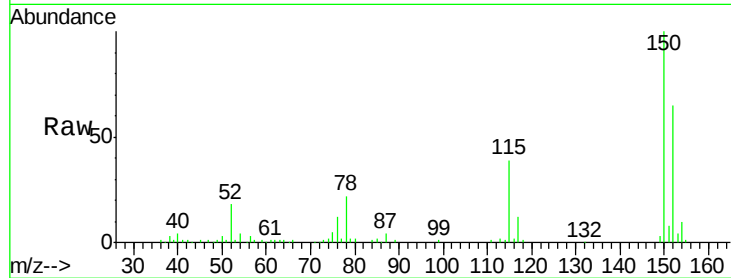


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

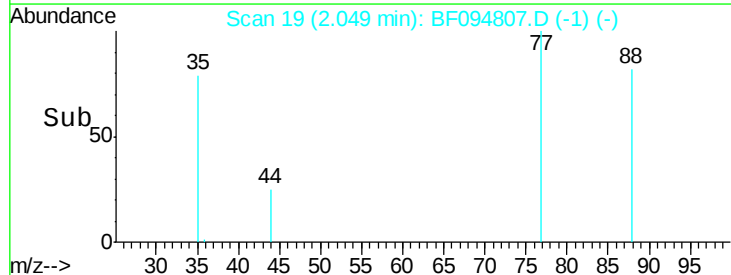
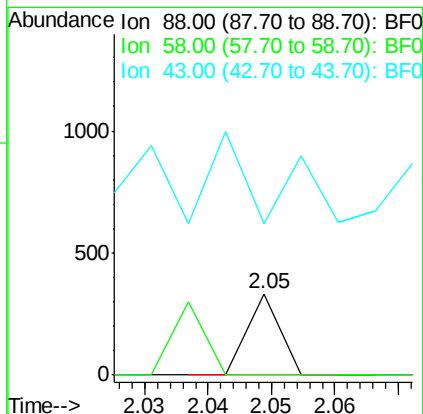
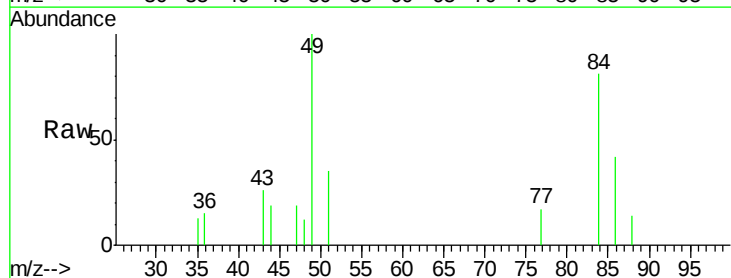
Tgt Ion:152 Resp: 87603
Ion Ratio Lower Upper
152 100
150 152.7 126.2 189.2
115 58.8 52.2 78.2

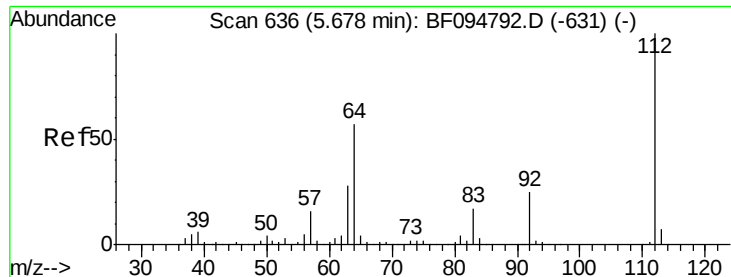


#2

1,4-Dioxane
Concen: 0.046 ng
RT: 2.05 min Scan# 19
Delta R.T. -0.05 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

Tgt Ion: 88 Resp: 118
Ion Ratio Lower Upper
88 100
58 90.7 61.4 92.0
43 0.0 23.4 35.0#





#5

2-Fluorophenol

Concen: 106.316 ng

RT: 5.68 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

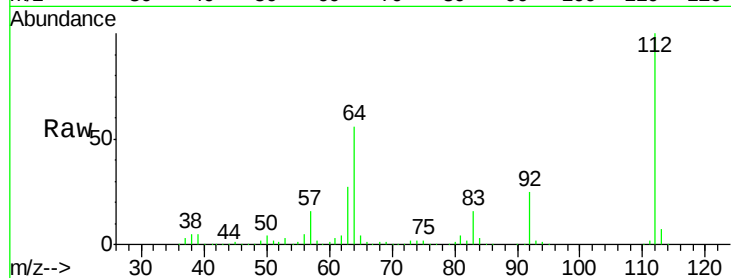
Tgt Ion: 112 Resp: 558634

Ion Ratio Lower Upper

112 100

64 55.6 46.0 69.0

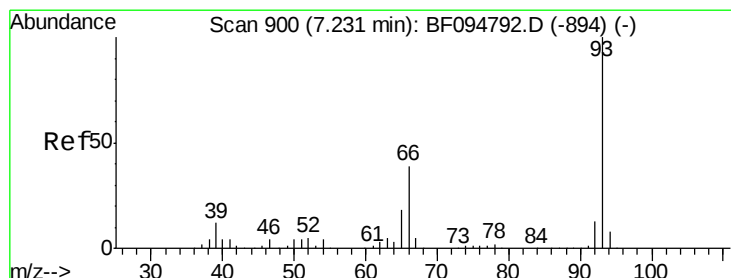
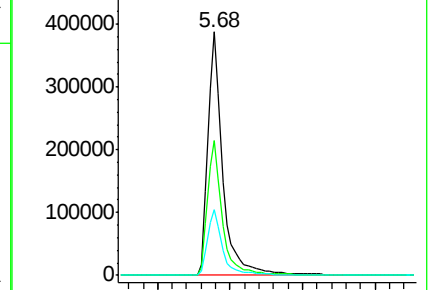
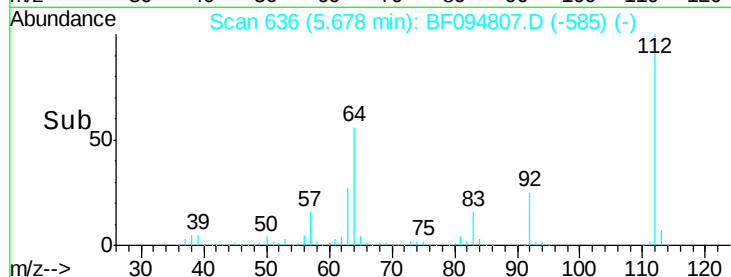
63 27.2 23.4 35.0



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: 0.015 ng

RT: 7.29 min Scan# 910

Delta R.T. 0.06 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

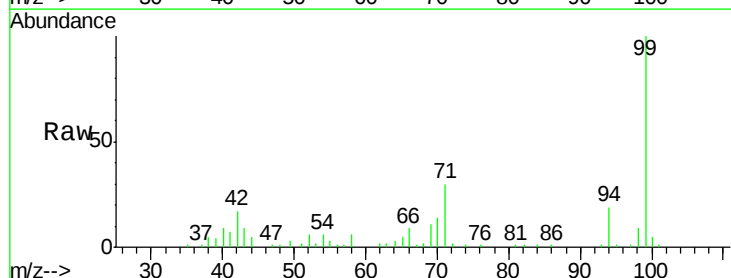
Tgt Ion: 93 Resp: 118

Ion Ratio Lower Upper

93 100

66 1260.6 32.9 49.3#

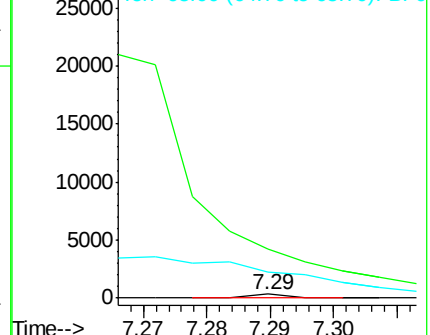
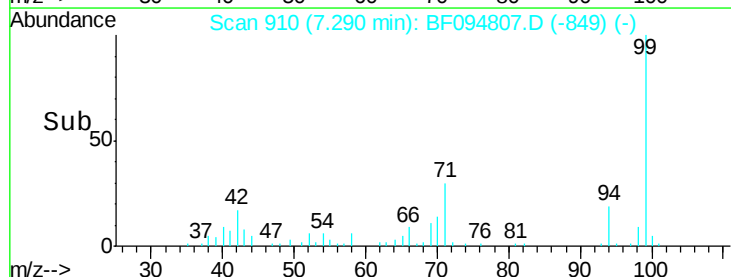
65 668.7 16.0 24.0#

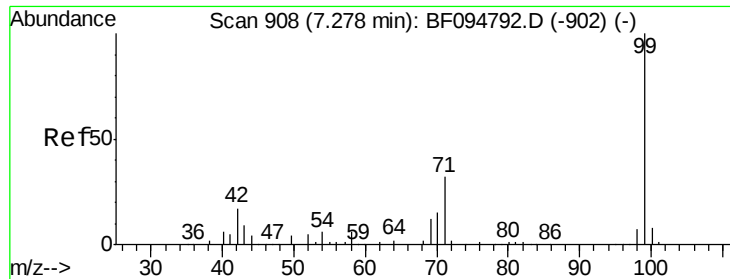


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.971 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

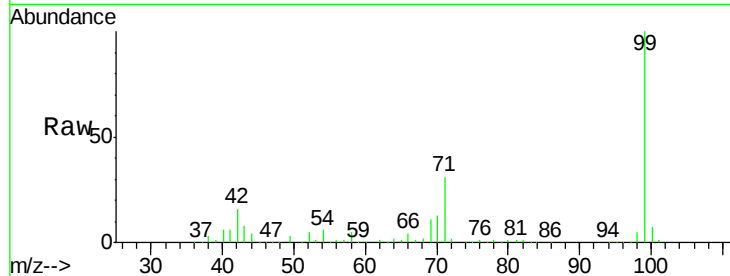
Tgt Ion: 99 Resp: 693315

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

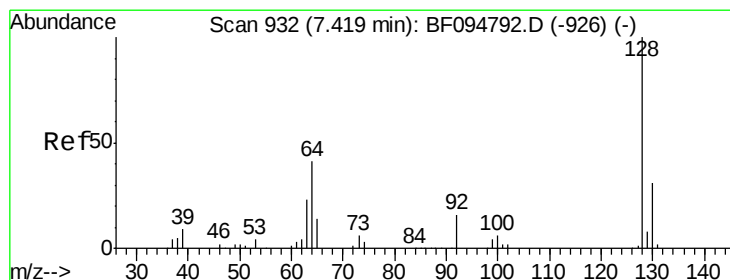
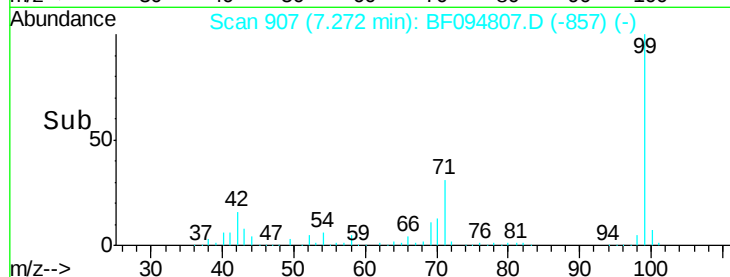
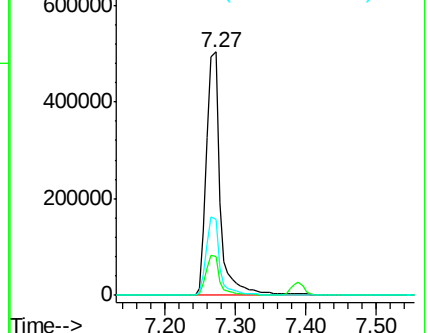
71 31.0 24.5 36.7



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



#8

2-Chlorophenol

Concen: 0.023 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

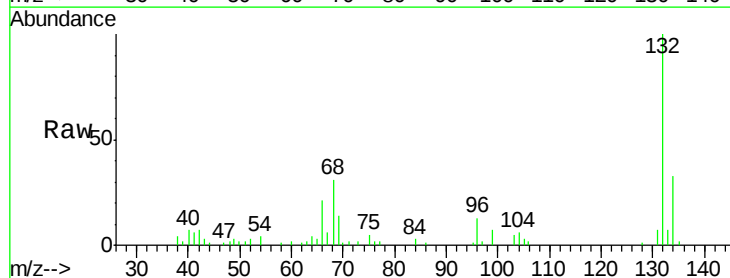
Tgt Ion: 128 Resp: 137

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

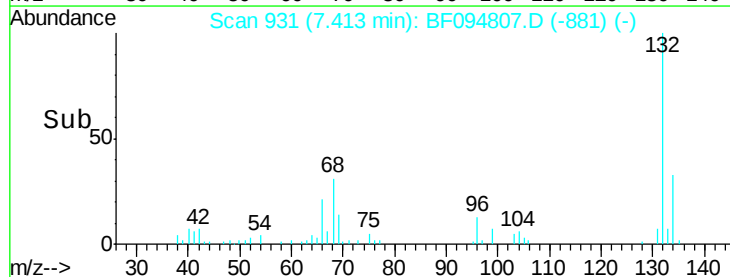
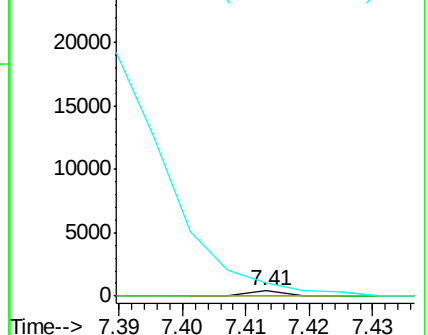
64 258.6 28.4 68.4#

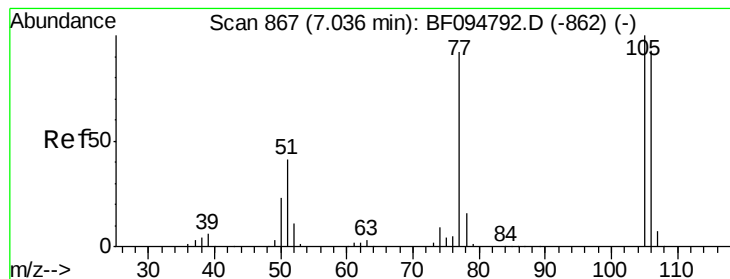


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.172 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.23 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

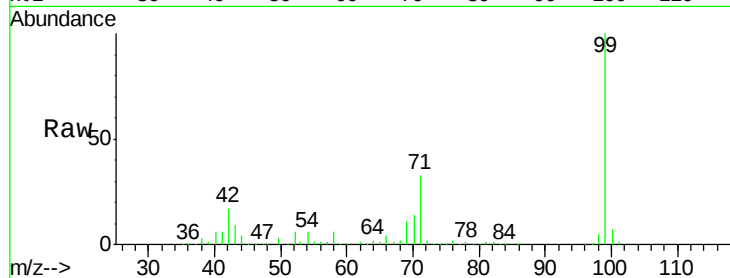
Tgt Ion: 77 Resp: 661

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

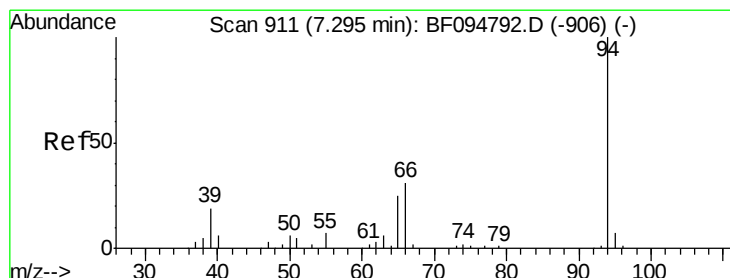
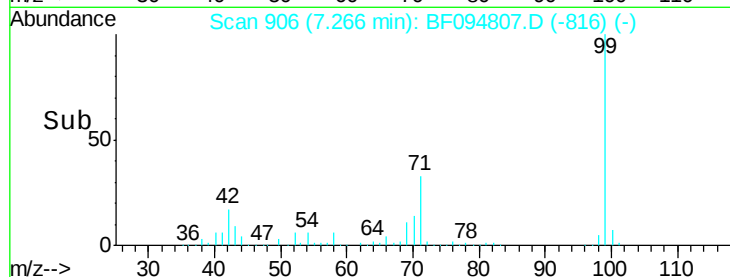
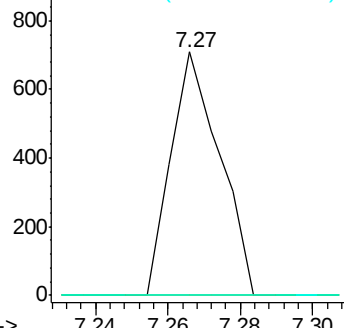
106 0.0 79.1 119.1#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 2.237 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

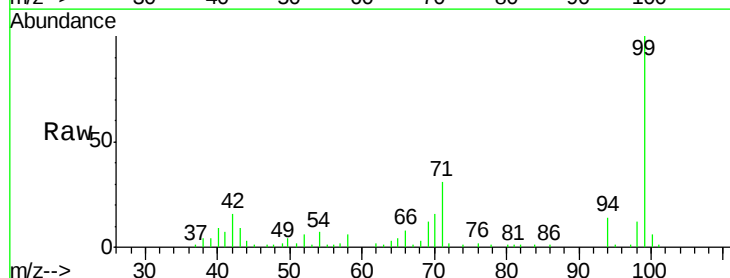
Tgt Ion: 94 Resp: 14864

Ion Ratio Lower Upper

94 100

65 31.4 9.9 49.9

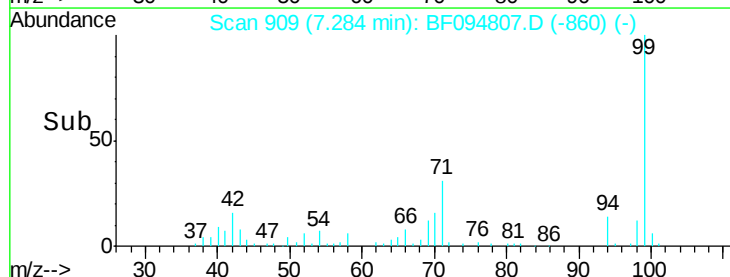
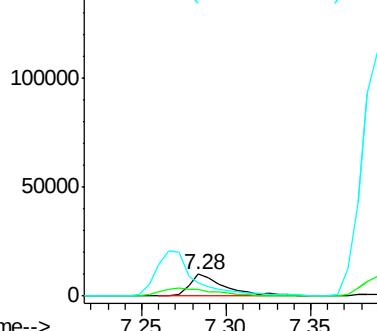
66 58.8 23.1 63.1

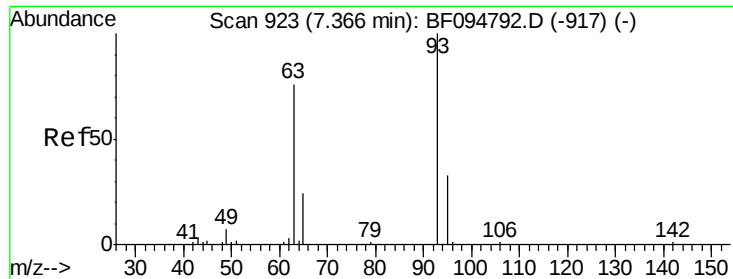


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

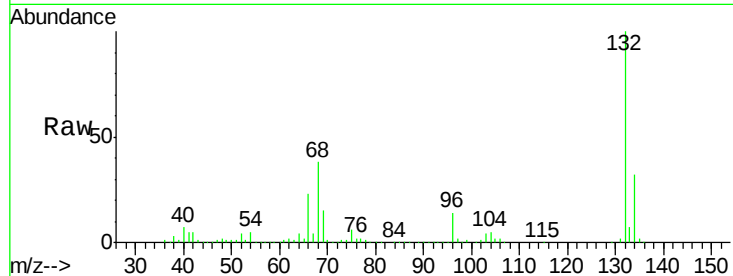




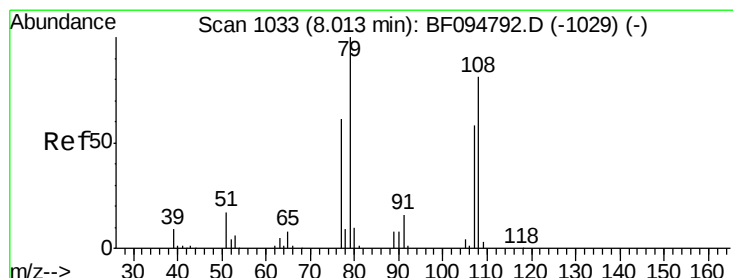
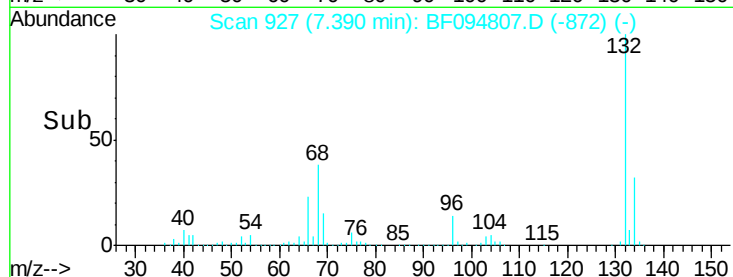
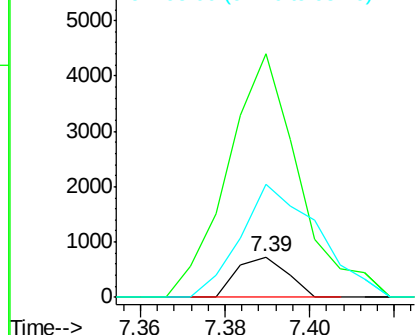
#11
bis(2-Chloroethyl)ether
Concen: 0.111 ng
RT: 7.39 min Scan# 927
Delta R.T. 0.02 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tgt Ion: 93 Resp: 608
Ion Ratio Lower Upper
93 100
63 604.4 59.2 99.2#
95 280.4 12.8 52.8#

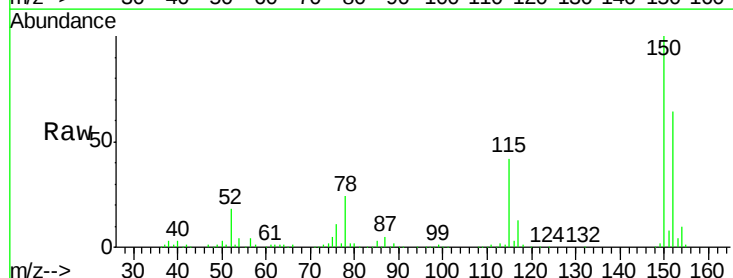


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

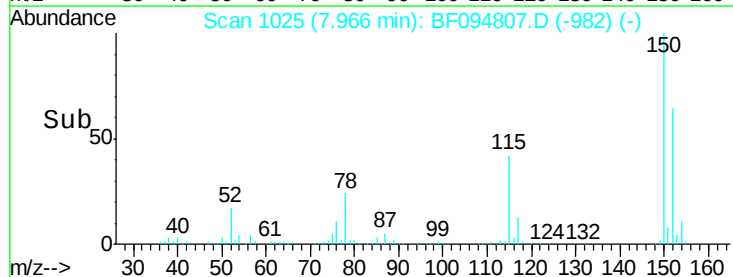
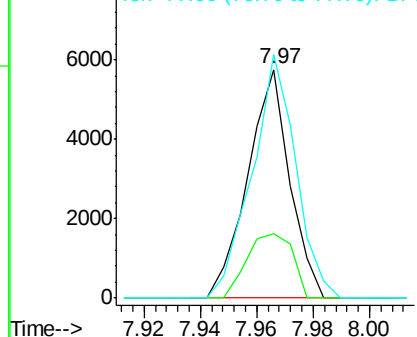


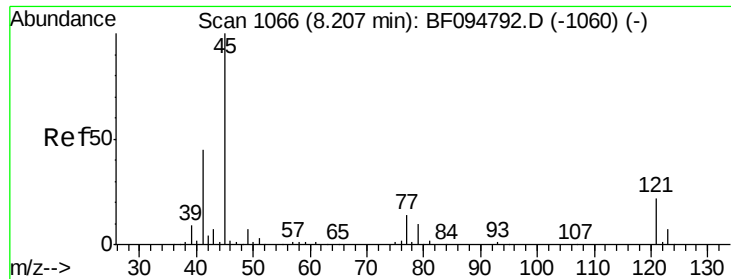
#15
Benzyl Alcohol
Concen: 1.464 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

Tgt Ion: 79 Resp: 5938
Ion Ratio Lower Upper
79 100
108 28.4 63.4 95.0#
77 106.5 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

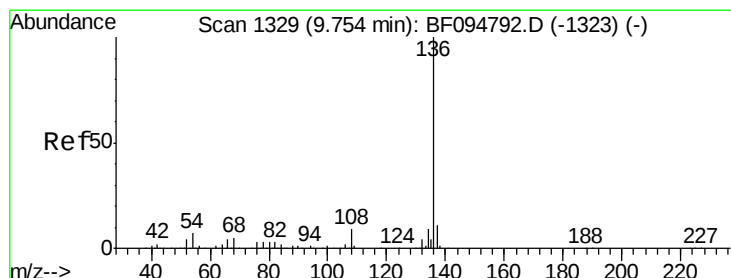
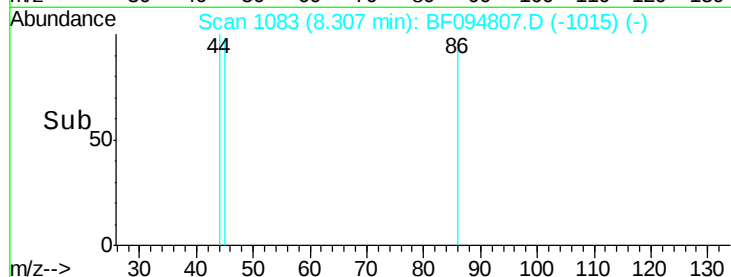
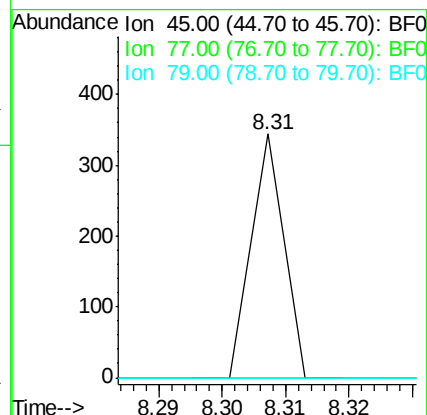
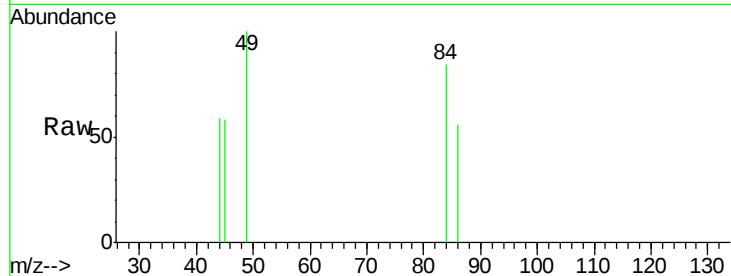




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.016 ng
RT: 8.31 min Scan# 1083
Delta R.T. 0.10 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

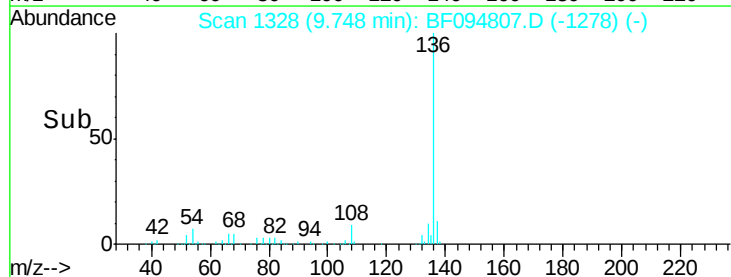
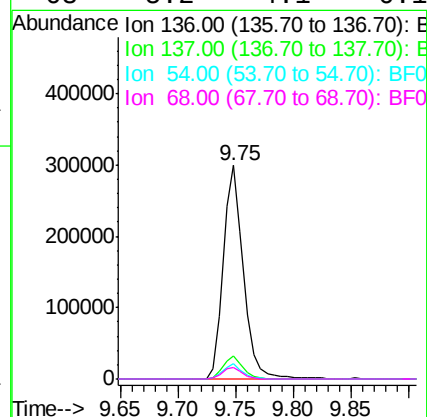
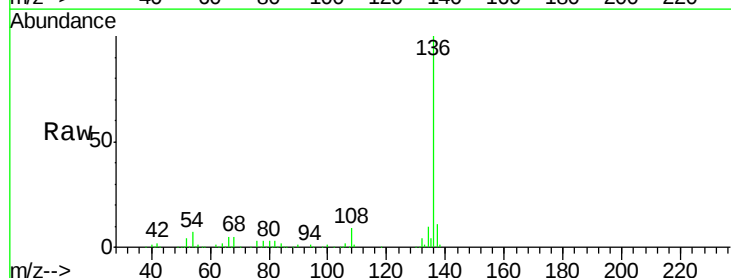
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

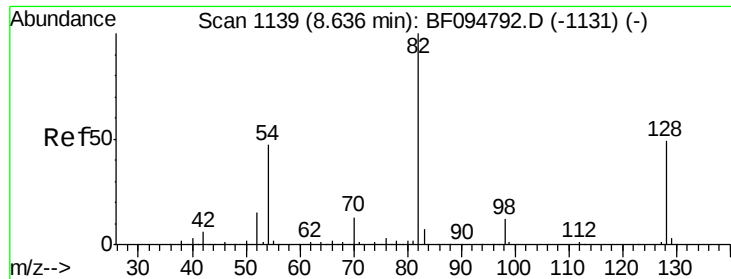
Tgt Ion: 45 Resp: 121
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.2
79 0.0 0.0 30.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.75 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

Tgt Ion: 136 Resp: 361040
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 4.9 7.3
68 5.2 4.1 6.1

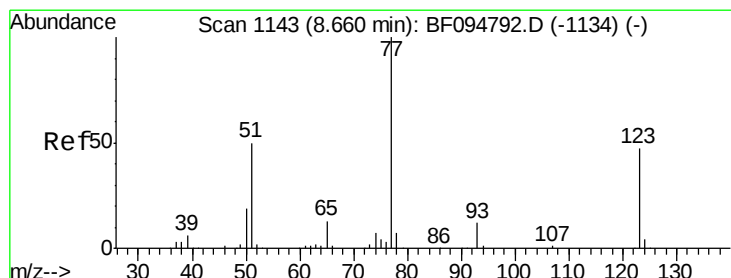
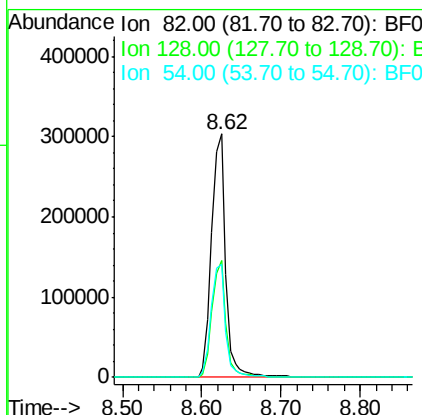
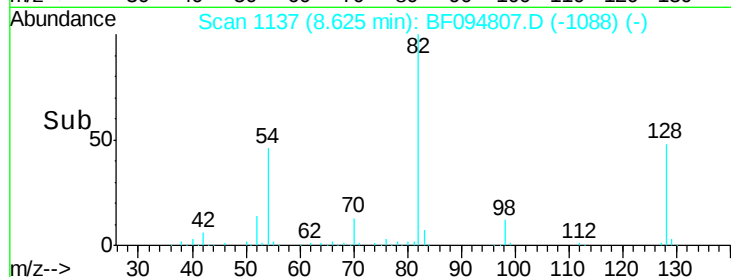
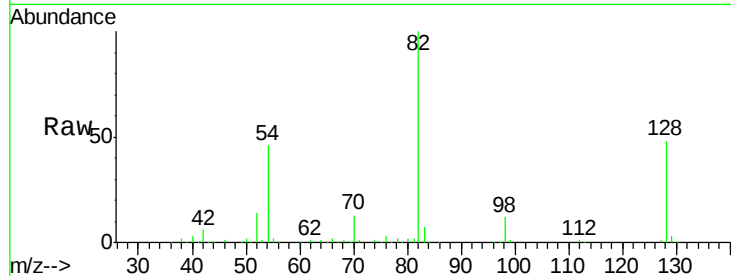




#23
Nitrobenzene-d5
Concen: 66.389 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

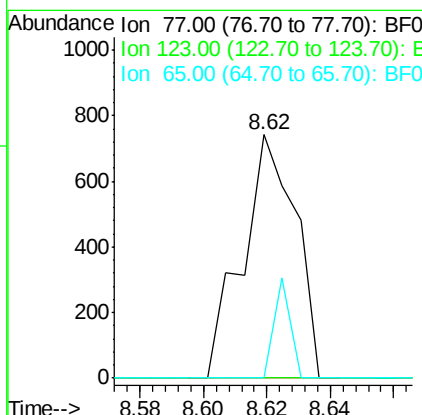
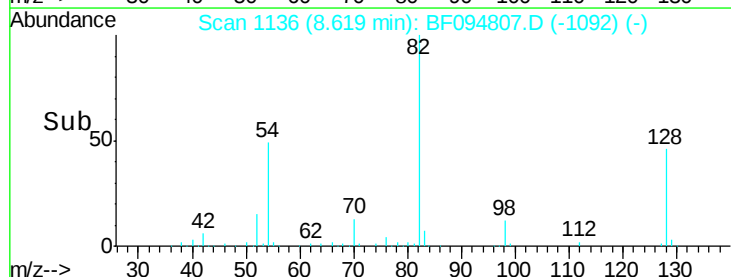
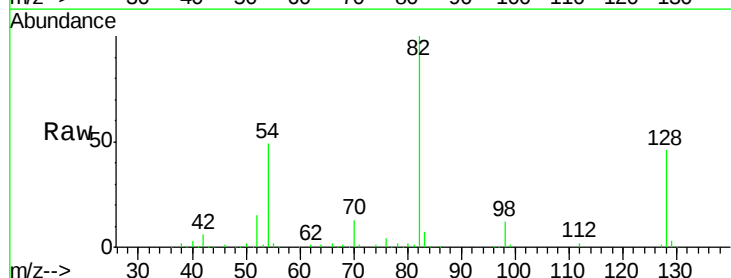
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

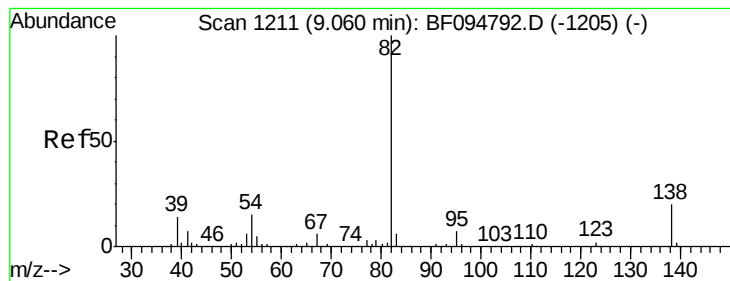
Tgt Ion: 82 Resp: 380109
Ion Ratio Lower Upper
82 100
128 48.3 34.0 51.0
54 46.2 42.2 63.2



#24
Nitrobenzene
Concen: 0.144 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.04 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

Tgt Ion: 77 Resp: 863
Ion Ratio Lower Upper
77 100
123 0.0 35.8 53.8#
65 0.0 10.6 15.8#





#25

Isophorone

Concen: 0.011 ng

RT: 9.17 min Scan# 1229

Delta R.T. 0.11 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

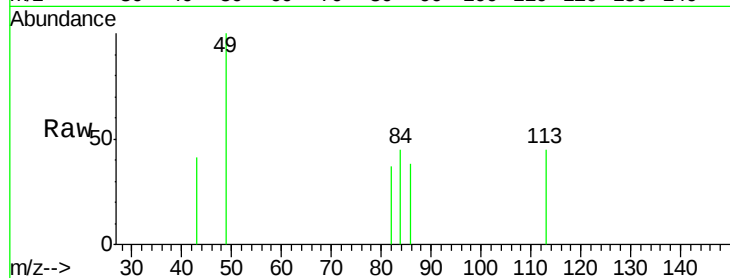
Tgt Ion: 82 Resp: 108

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

9.17

300

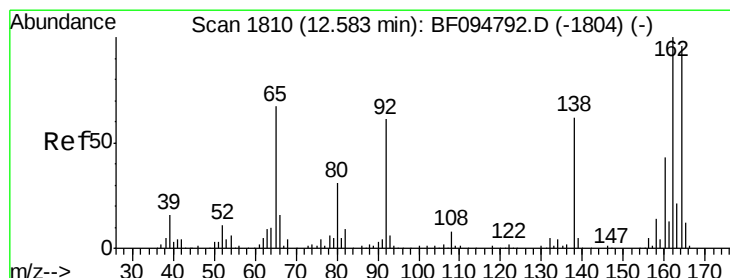
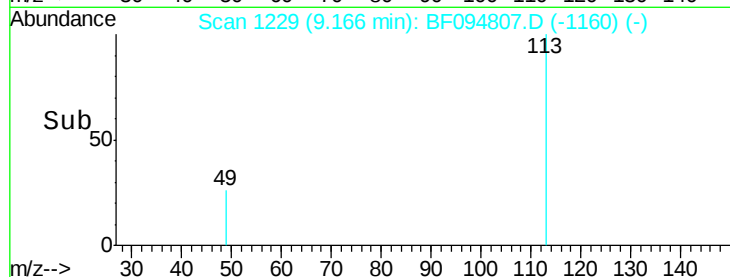
200

100

0

9.15 9.16 9.17 9.18

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.58 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

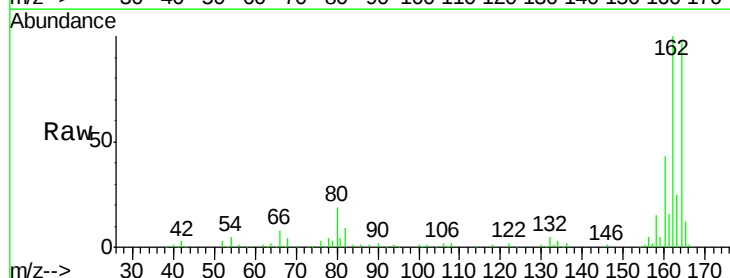
Tgt Ion: 164 Resp: 155000

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

160 44.4 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

12.58

150000

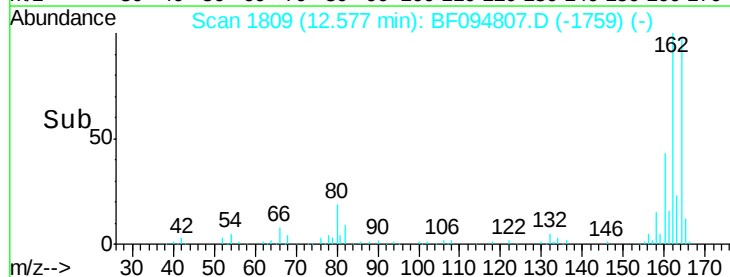
100000

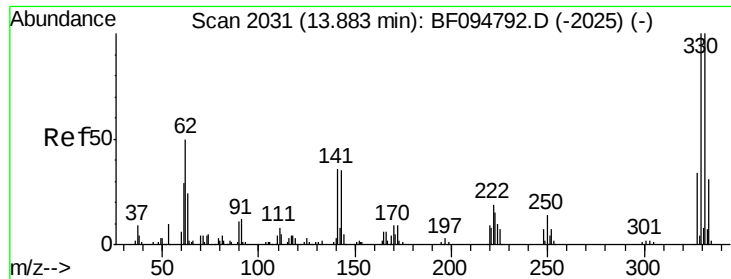
50000

0

12.50 12.60 12.70

Time-->

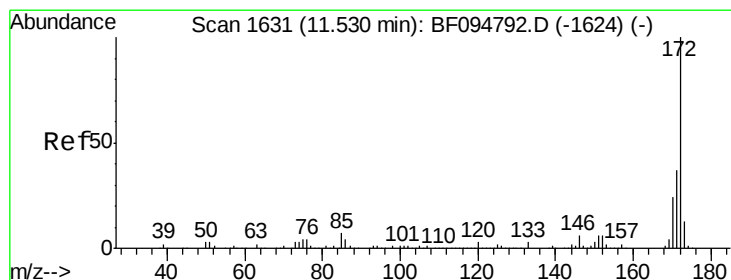
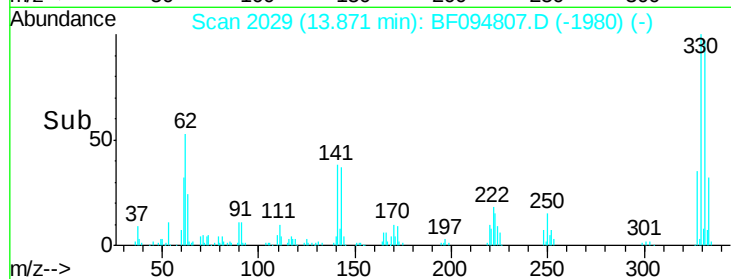
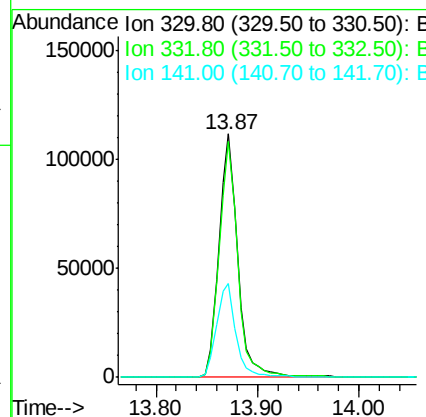
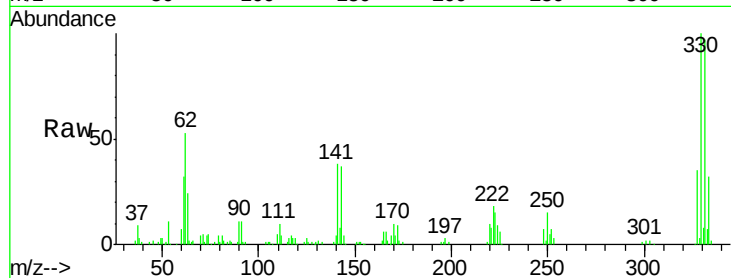




#41
 2,4,6-Tribromophenol
 Concen: 114.056 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

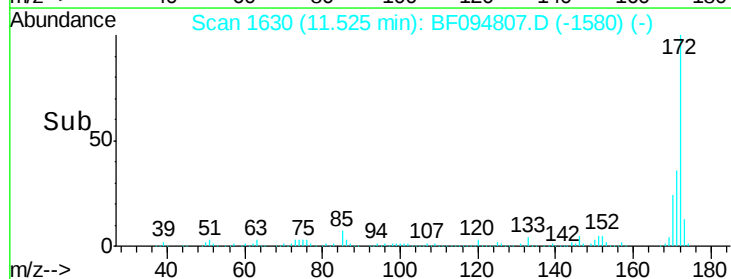
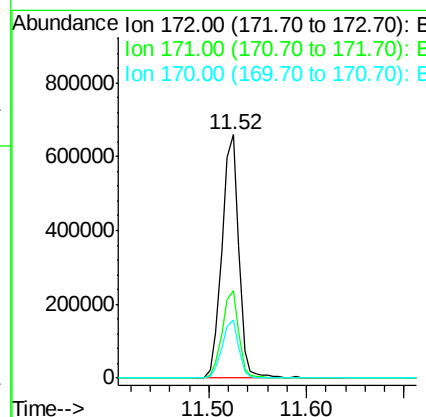
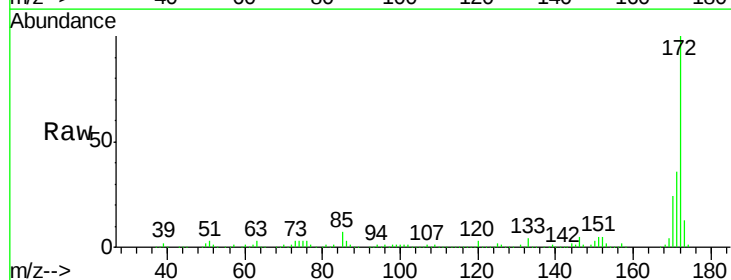
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

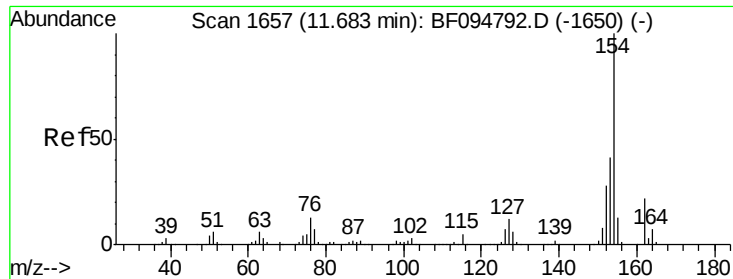
Tgt Ion:330 Resp: 144783
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 39.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 73.818 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

Tgt Ion:172 Resp: 794935
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.6 19.8 29.8





#45

1,1'-Biphenyl

Concen: 0.103 ng

RT: 11.52 min Scan# 1630

Delta R.T. -0.16 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

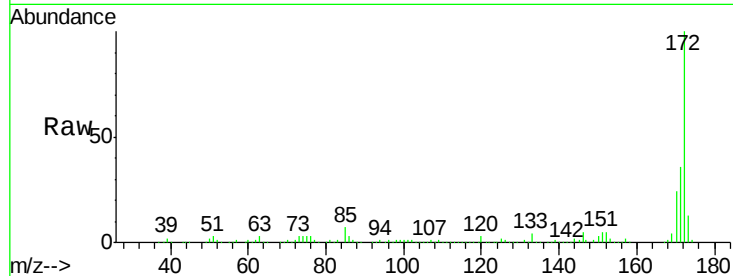
Tgt Ion:154 Resp: 1338

Ion Ratio Lower Upper

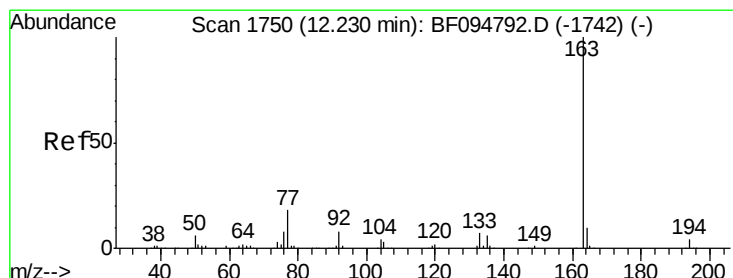
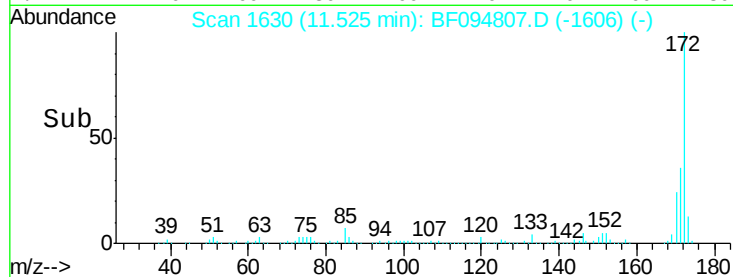
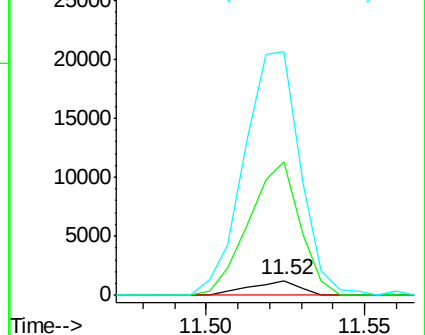
154 100

153 894.1 21.2 61.2#

76 1624.0 0.0 29.9#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 21.356 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

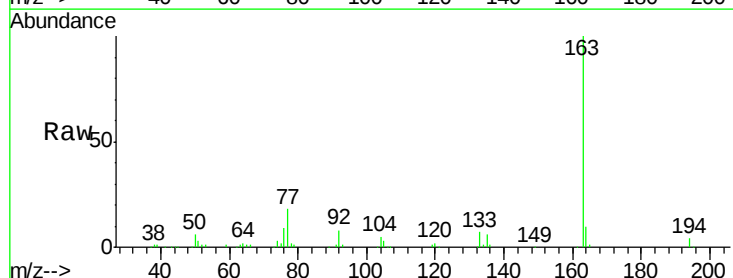
Tgt Ion:163 Resp: 271745

Ion Ratio Lower Upper

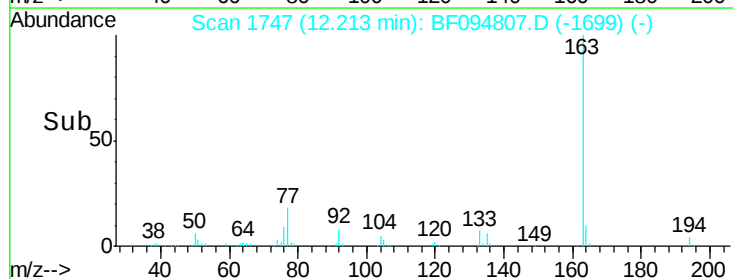
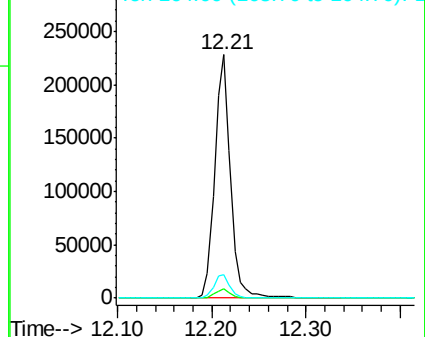
163 100

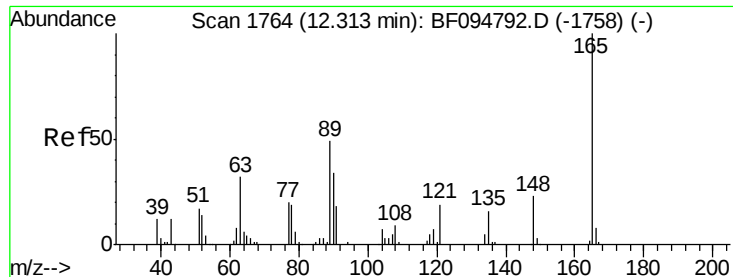
194 3.8 2.6 4.0

164 9.7 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

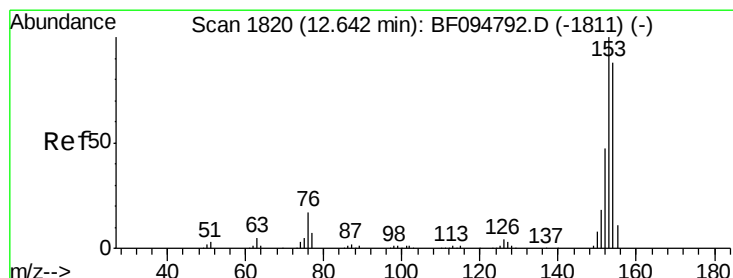
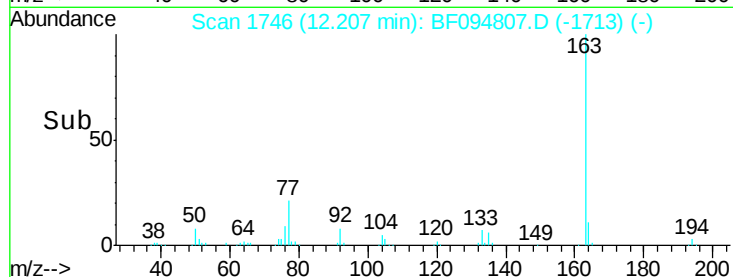
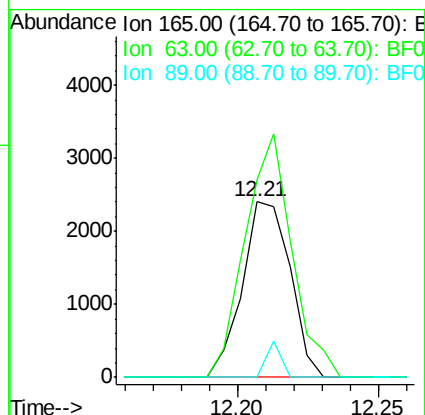
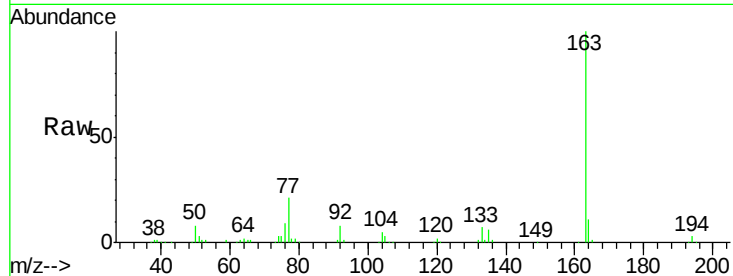




#50
2,6-Dinitrotoluene
Concen: 1.088 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.11 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

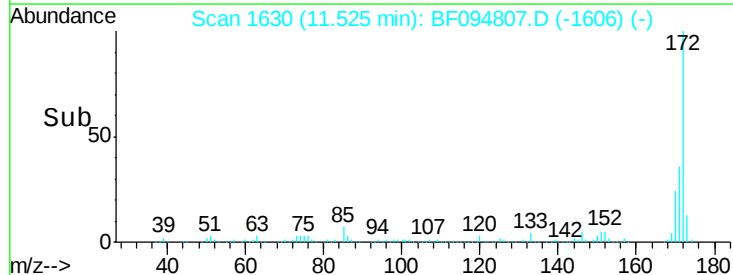
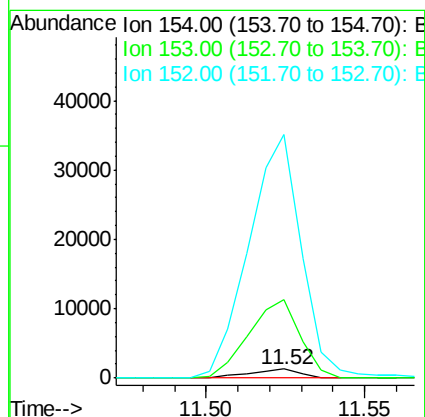
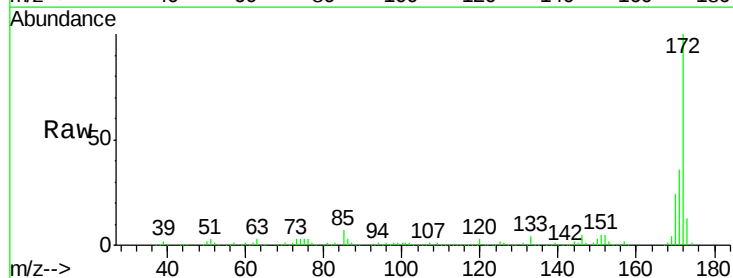
Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

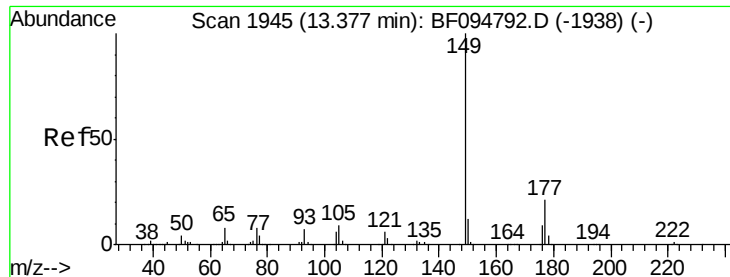
Tgt Ion:165 Resp: 2825
Ion Ratio Lower Upper
165 100
63 112.5 34.3 51.5#
89 0.0 37.1 55.7#



#51
Acenaphthene
Concen: 0.103 ng
RT: 11.52 min Scan# 1630
Delta R.T. -0.16 min
Lab File: BF094807.D
Acq: 2 May 2017 22:32

Tgt Ion:154 Resp: 1338
Ion Ratio Lower Upper
154 100
153 894.1 90.5 135.7#
152 2766.3 43.6 65.4#





#59

Diethylphthalate

Concen: 0.086 ng

RT: 13.37 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

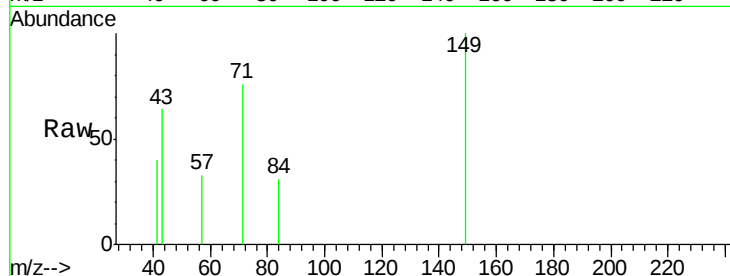
Tgt Ion: 149 Resp: 1052

Ion Ratio Lower Upper

149 100

177 0.0 16.7 25.1#

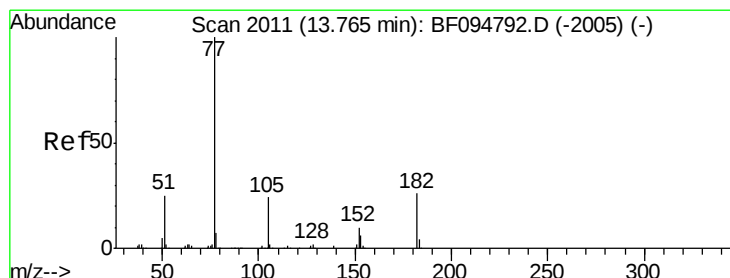
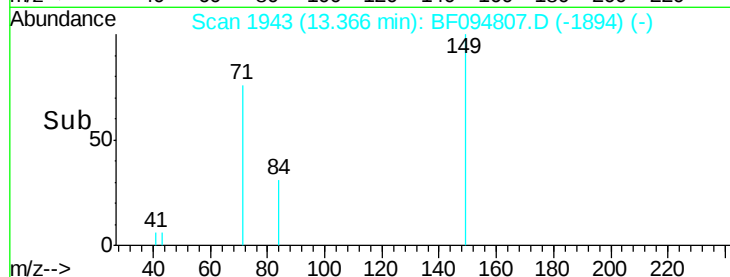
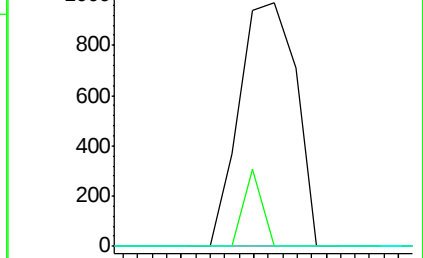
150 0.0 10.2 15.2#



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



#62

Azobenzene

Concen: 0.063 ng

RT: 13.87 min Scan# 2029

Delta R.T. 0.11 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Tgt Ion: 77 Resp: 620

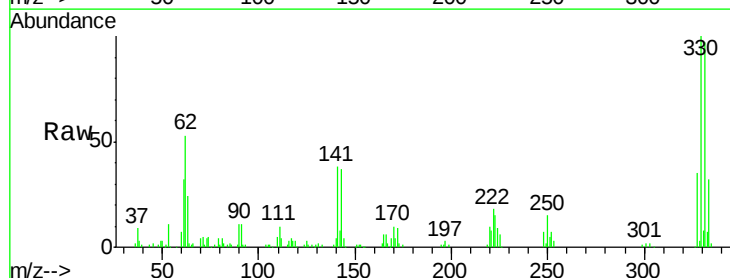
Ion Ratio Lower Upper

77 100

182 0.0 0.1 40.1#

105 92.2 3.6 43.6#

51 74.5 9.4 49.4#

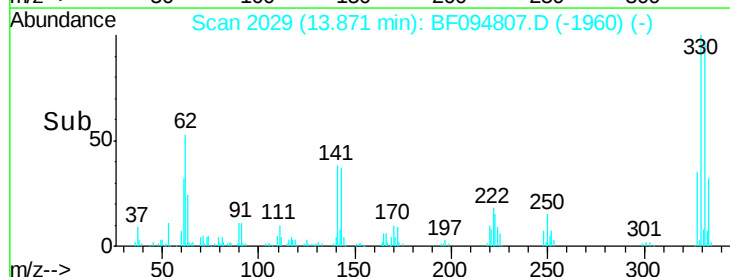
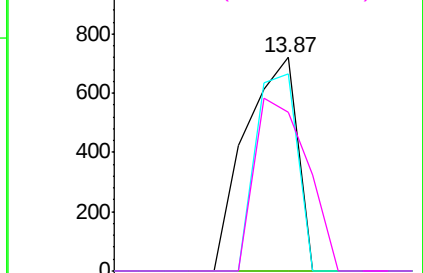


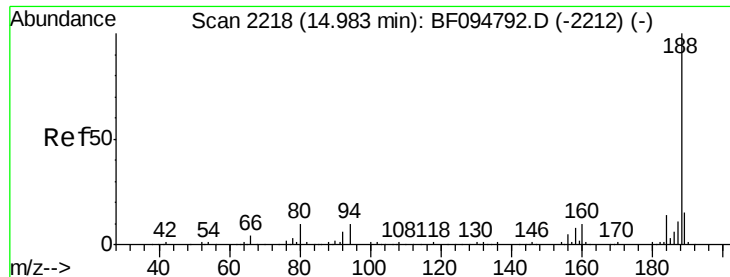
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

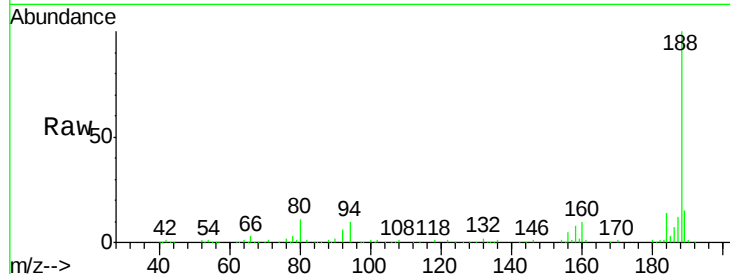




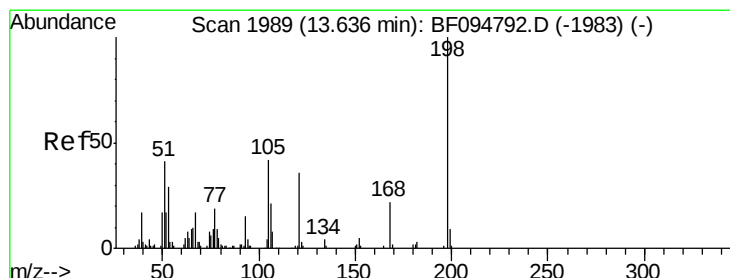
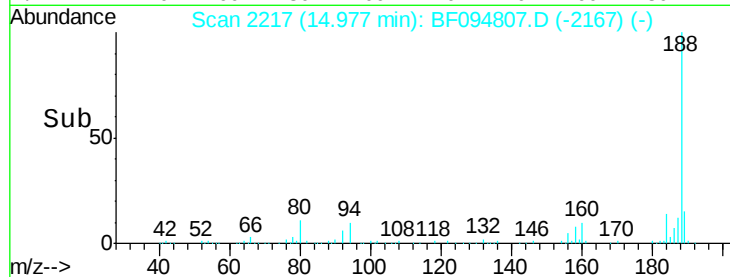
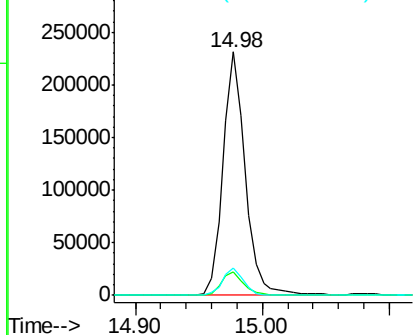
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tgt Ion:188 Resp: 280968
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 11.2 10.2 15.2

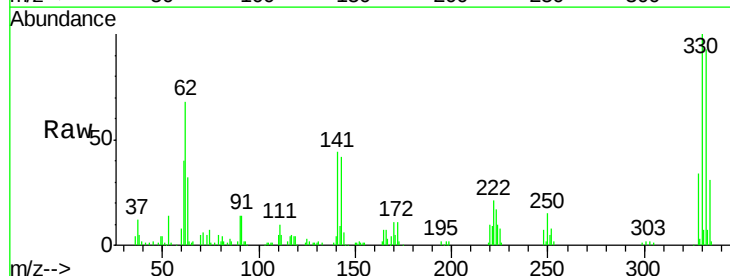


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

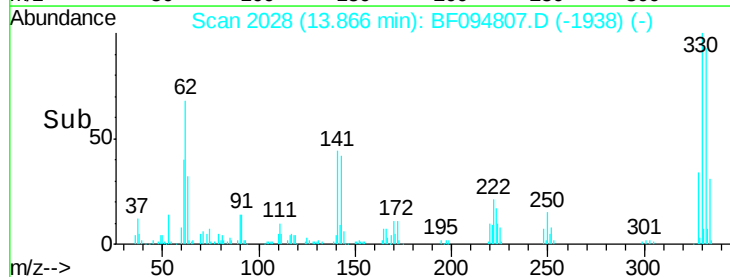
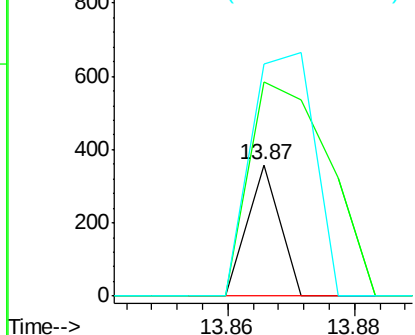


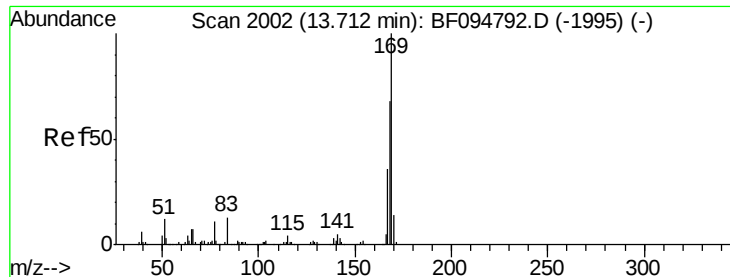
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.067 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. 0.23 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

Tgt Ion:198 Resp: 126
 Ion Ratio Lower Upper
 198 100
 51 163.4 53.2 93.2#
 105 177.1 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

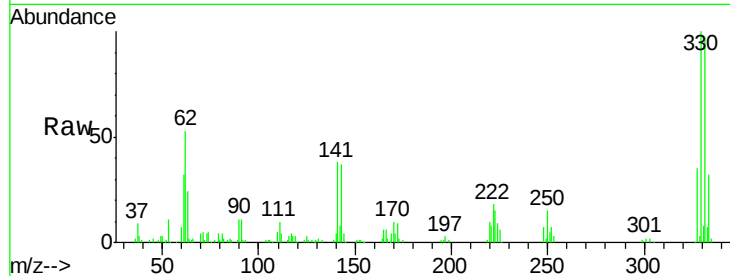




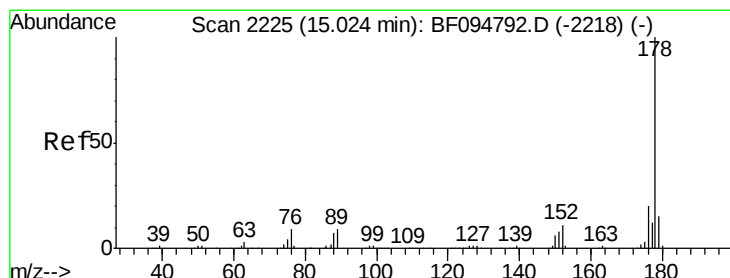
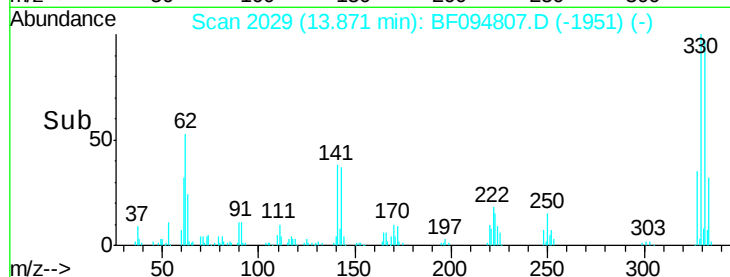
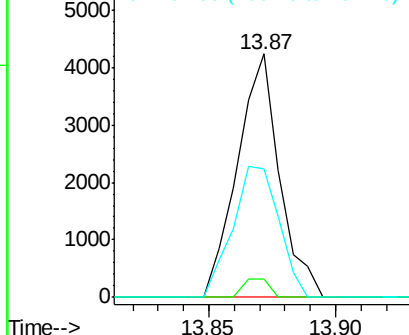
#65
 n-Nitrosodiphenylamine
 Concen: 0.482 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. 0.16 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tgt Ion:169 Resp: 4919
 Ion Ratio Lower Upper
 169 100
 168 7.4 53.2 79.8#
 167 52.9 29.5 44.3#

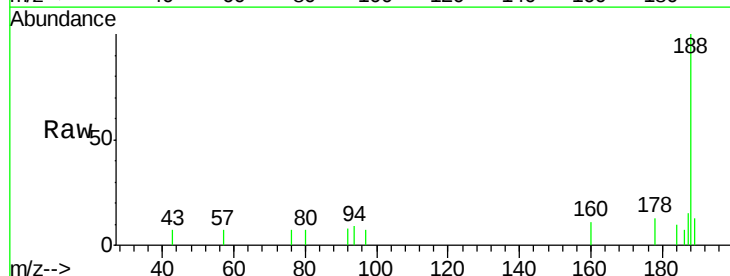


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

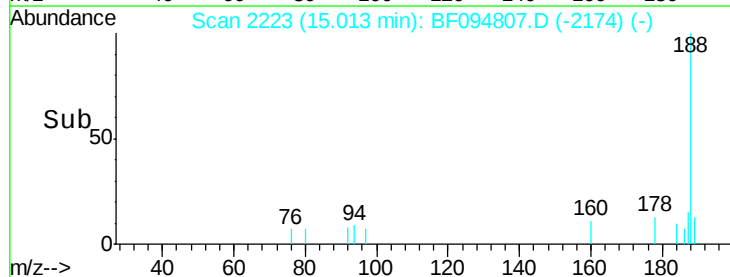
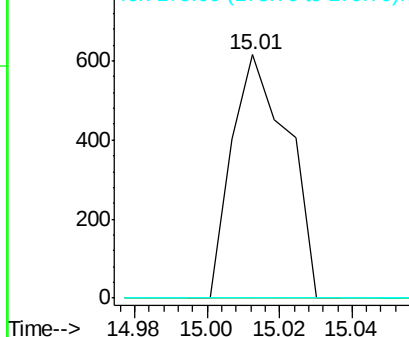


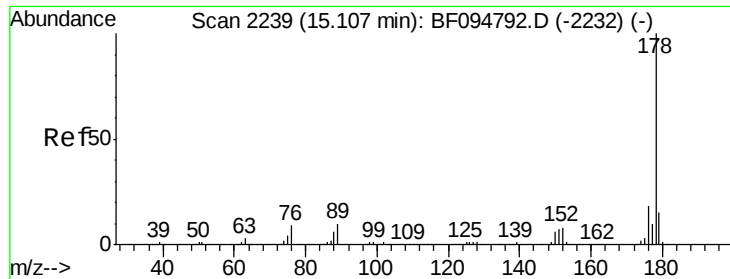
#70
 Phenanthrene
 Concen: 0.041 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

Tgt Ion:178 Resp: 662
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 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

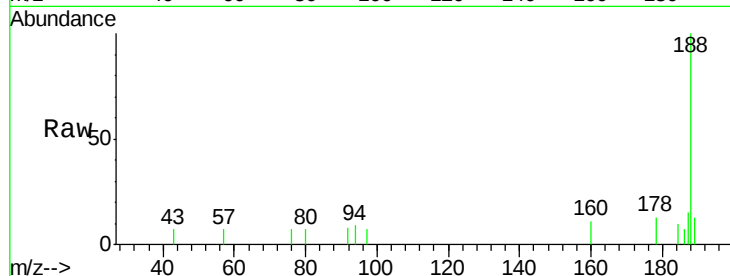




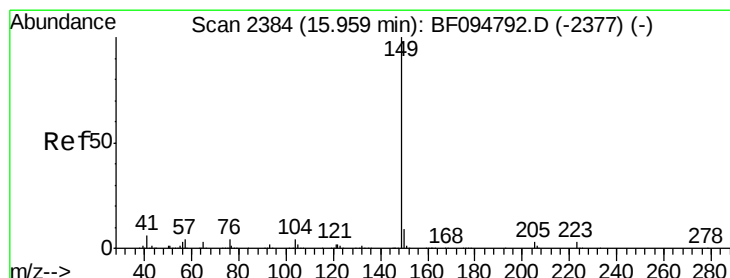
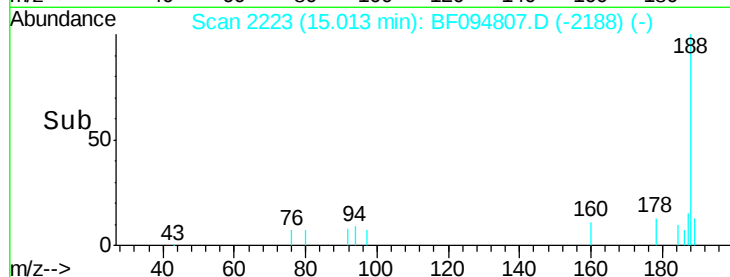
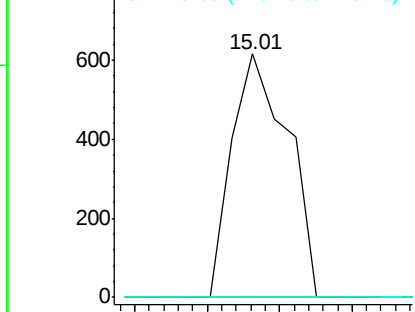
#71
 Anthracene
 Concen: 0.040 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.09 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tgt Ion:178 Resp: 662
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 12.7 19.1#

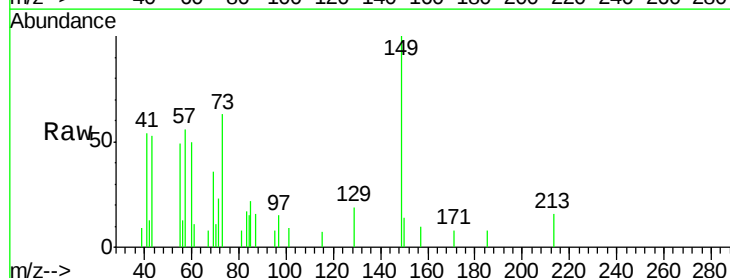


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

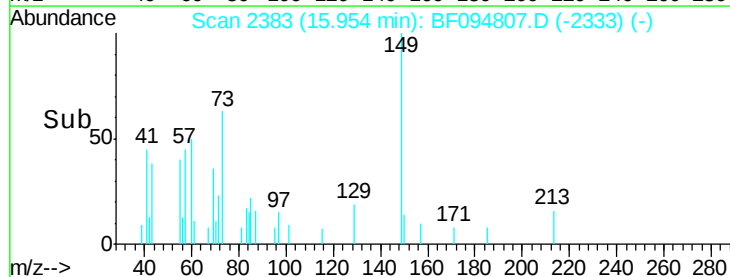
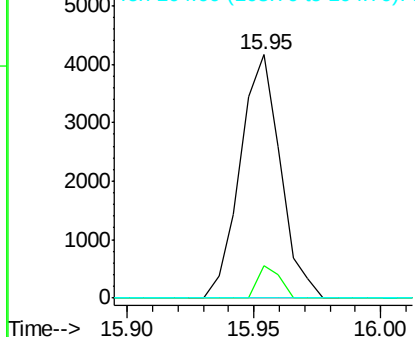


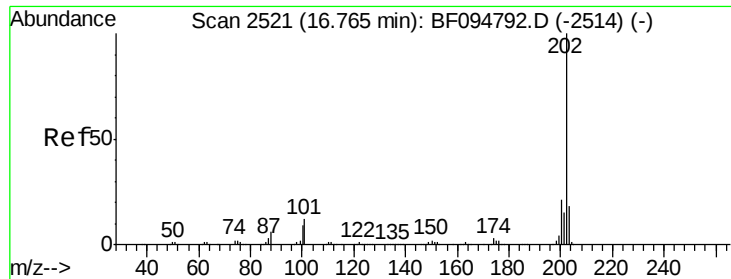
#73
 Di-n-butylphthalate
 Concen: 0.246 ng
 RT: 15.95 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BF094807.D
 Acq: 2 May 2017 22:32

Tgt Ion:149 Resp: 4598
 Ion Ratio Lower Upper
 149 100
 150 13.6 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





#74

Fluoranthene

Concen: 0.082 ng

RT: 16.78 min Scan# 2523

Delta R.T. 0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

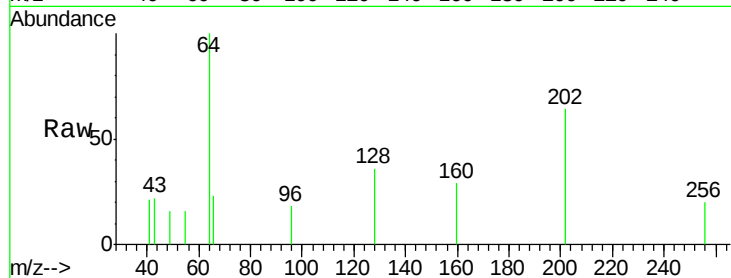
Tgt Ion:202 Resp: 1358

Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.2

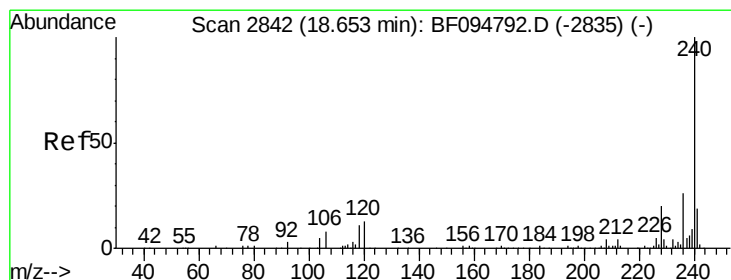
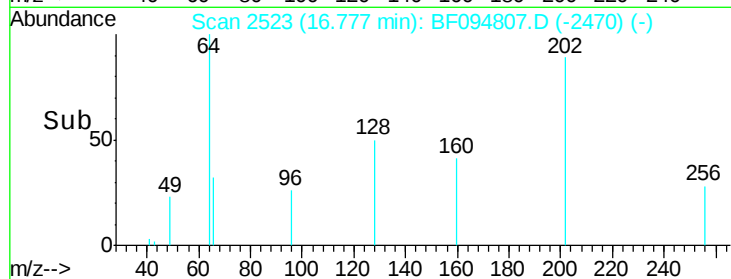
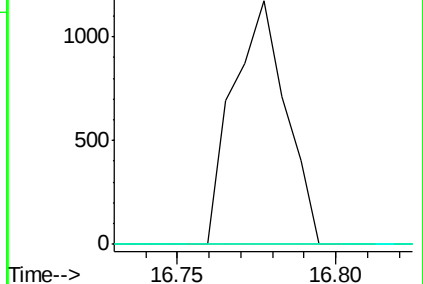
203 0.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

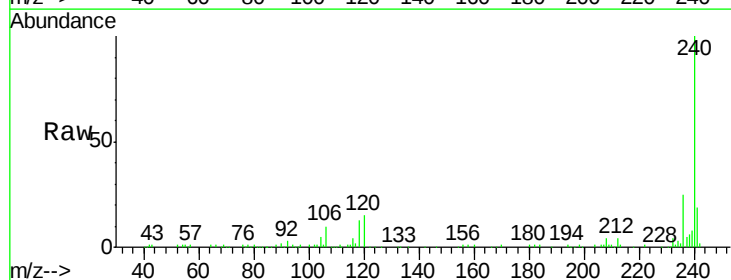
Tgt Ion:240 Resp: 207004

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

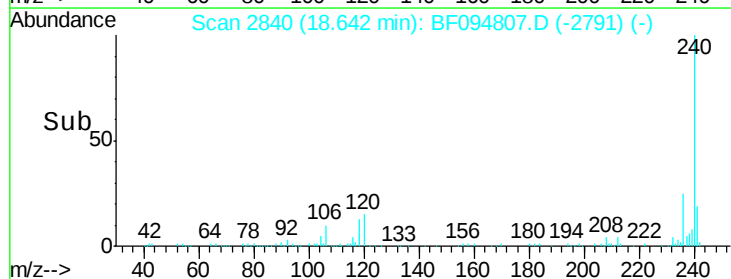
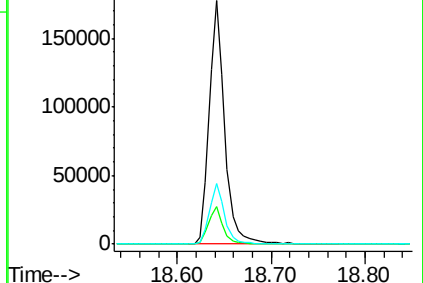
236 24.8 20.5 30.7

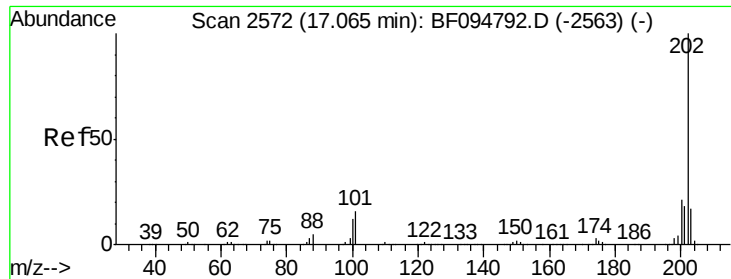


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 0.107 ng

RT: 17.07 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

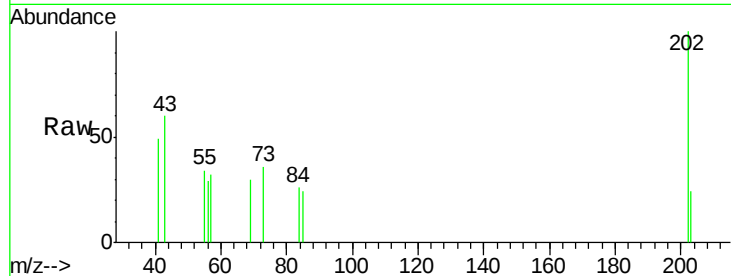
Tgt Ion: 202 Resp: 1656

Ion Ratio Lower Upper

202 100

200 0.0 17.6 26.4#

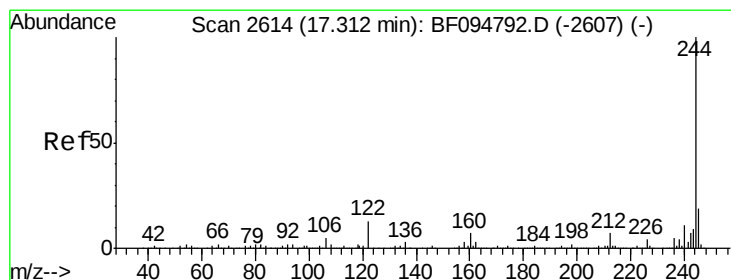
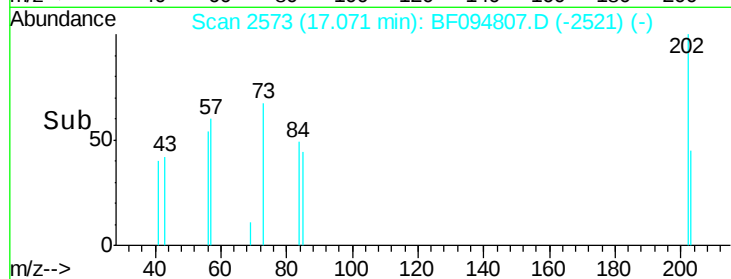
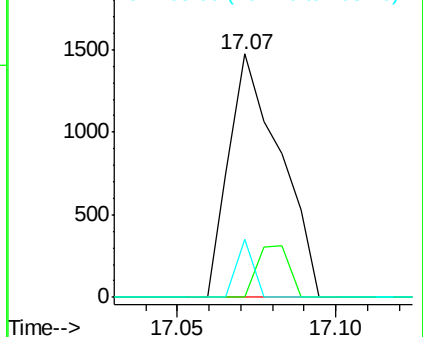
203 24.1 14.4 21.6#



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: 72.797 ng

RT: 17.31 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

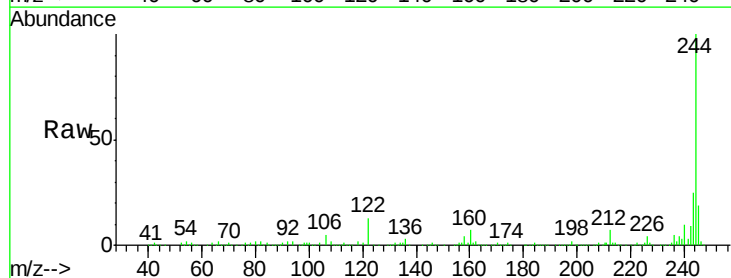
Tgt Ion: 244 Resp: 684169

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

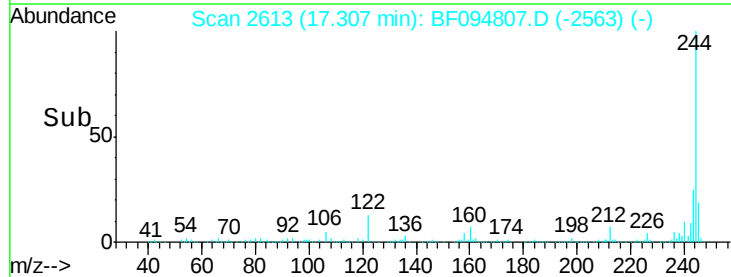
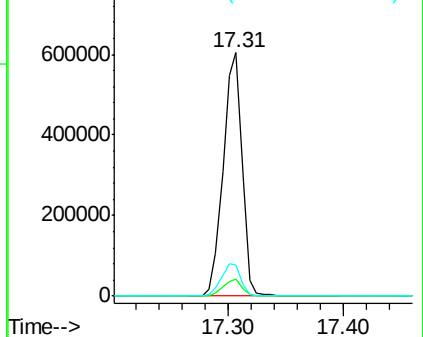
122 12.9 10.3 15.5

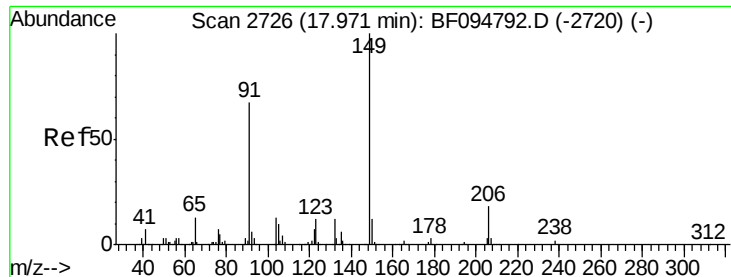


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.017 ng

RT: 17.96 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

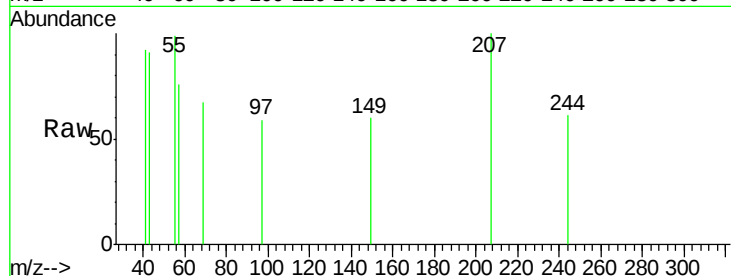
Tgt Ion:149 Resp: 119

Ion Ratio Lower Upper

149 100

91 0.0 45.0 67.4#

206 0.0 17.0 25.6#

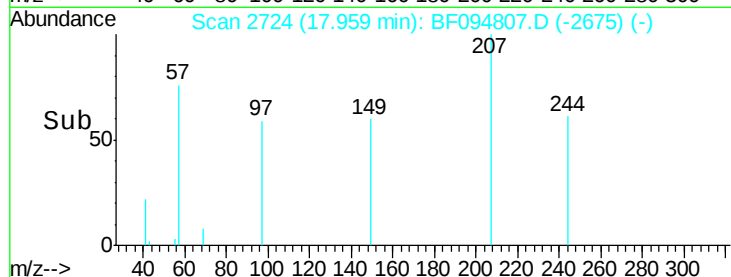


Abundance Ion 149.00 (148.70 to 149.70): E

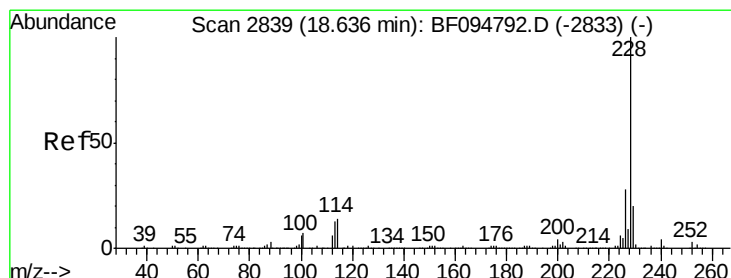
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 0.087 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

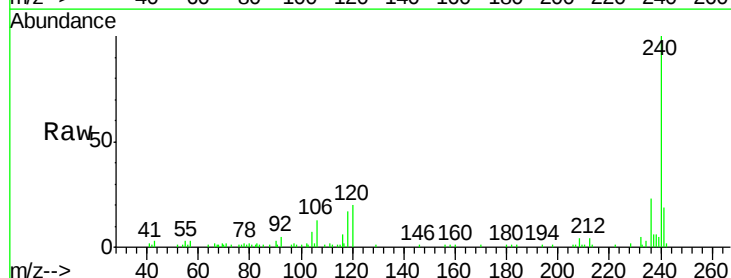
Tgt Ion:228 Resp: 1049

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

229 0.0 16.3 24.5#

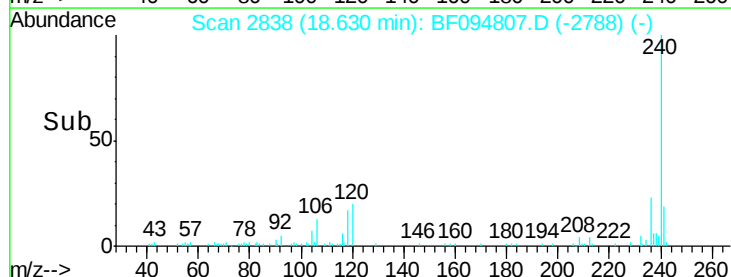


Abundance Ion 228.00 (227.70 to 228.70): E

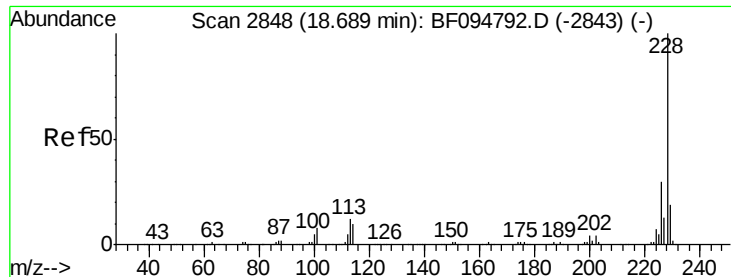
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



Time-->



#82

Chrysene

Concen: 0.084 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.02 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

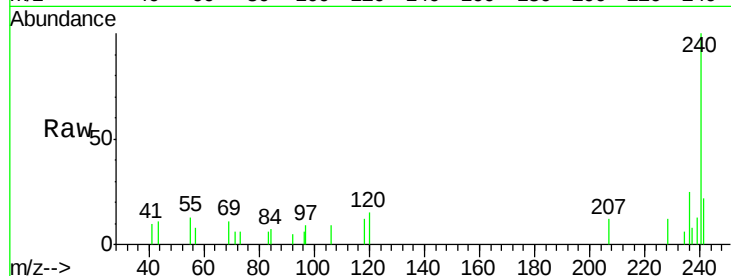
Tgt Ion:228 Resp: 983

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

229 0.0 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

18.67

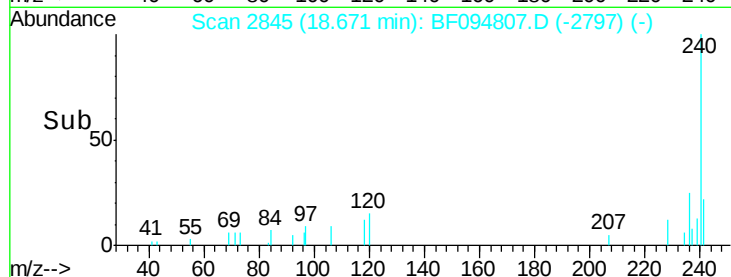
600

400

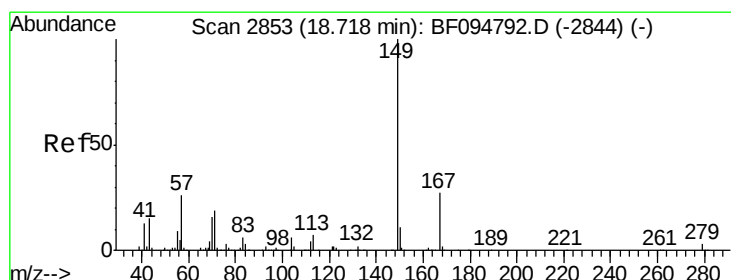
200

0

18.64 18.66 18.68 18.70



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.438 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

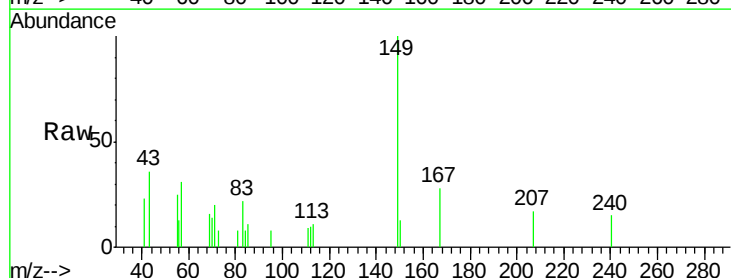
Tgt Ion:149 Resp: 4493

Ion Ratio Lower Upper

149 100

167 27.6 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

18.71

6000

5000

4000

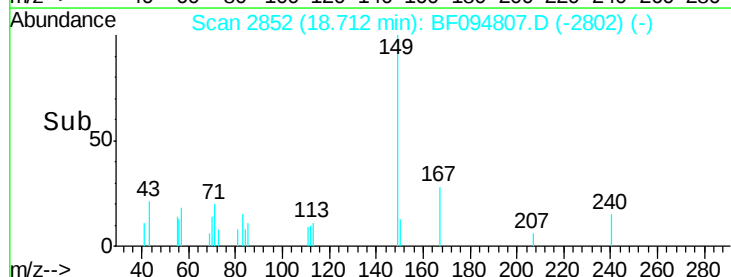
3000

2000

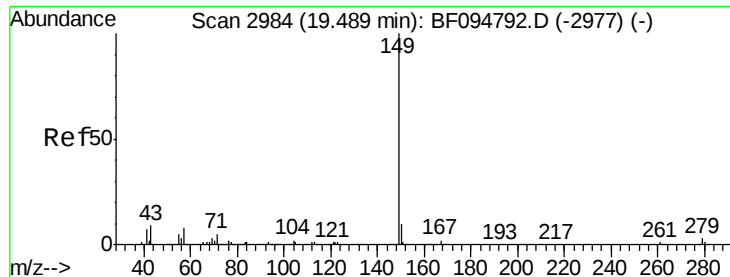
1000

0

18.70 18.75



Time-->



#84

Di-n-octyl phthalate

Concen: 0.051 ng

RT: 19.53 min Scan# 2991

Delta R.T. 0.04 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

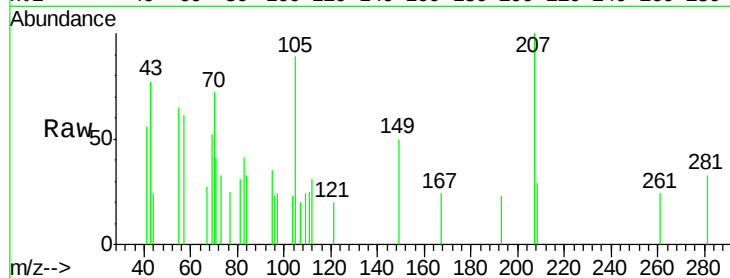
Tgt Ion:149 Resp: 864

Ion Ratio Lower Upper

149 100

167 27.1 1.2 1.8#

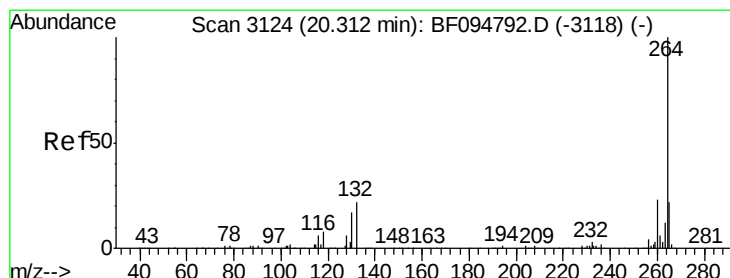
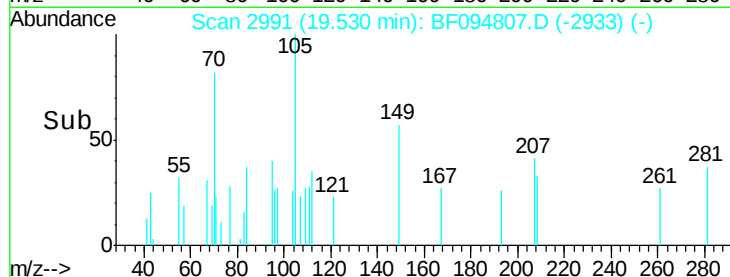
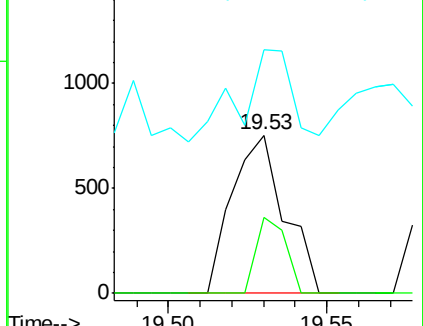
43 58.1 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.000 ng

RT: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

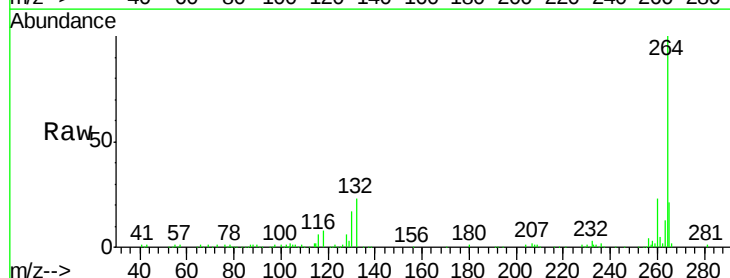
Tgt Ion:264 Resp: 163606

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

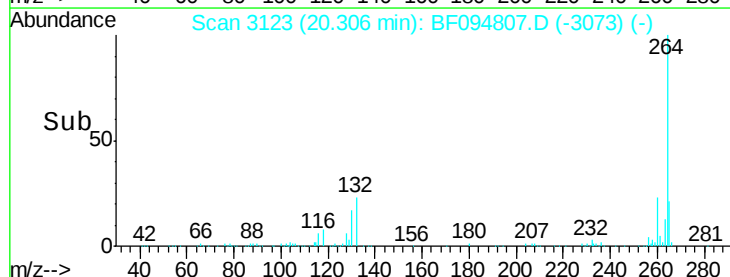
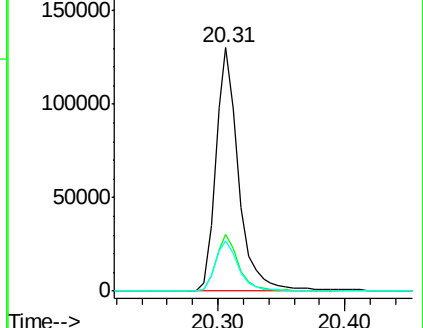
265 20.5 17.2 25.8

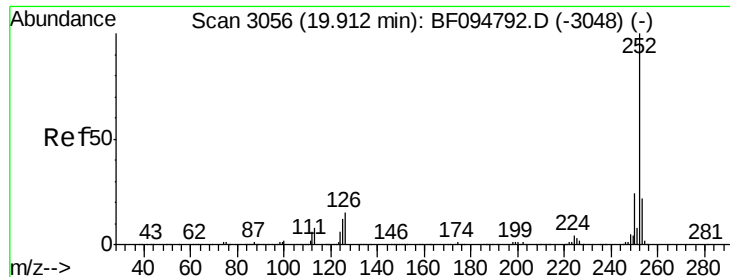


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.082 ng

RT: 19.92 min Scan# 3057

Delta R.T. 0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

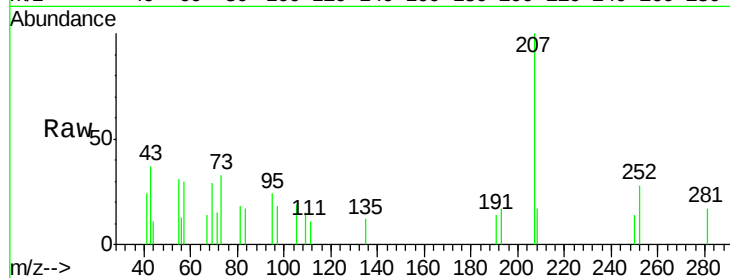
Tgt Ion:252 Resp: 825

Ion Ratio Lower Upper

252 100

253 0.0 18.1 27.1#

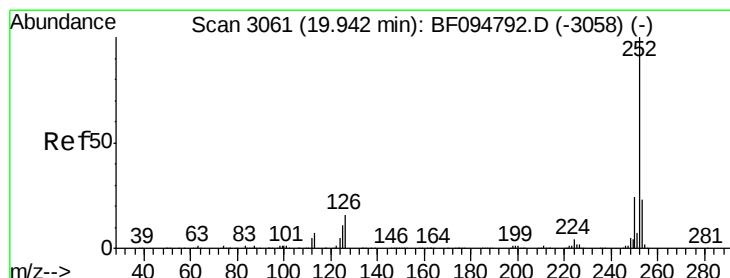
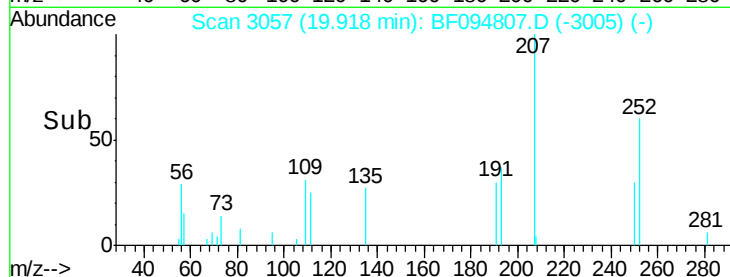
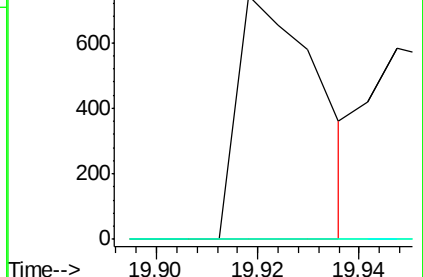
125 0.0 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.085 ng

RT: 19.92 min Scan# 3057

Delta R.T. -0.02 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

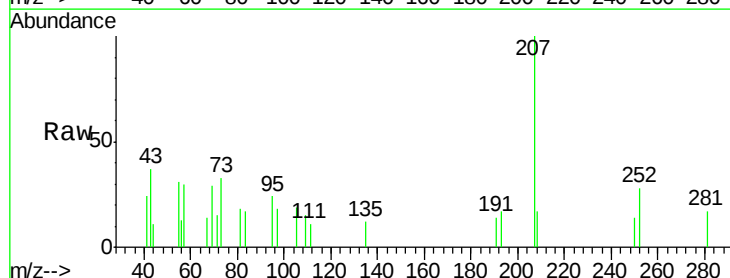
Tgt Ion:252 Resp: 825

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

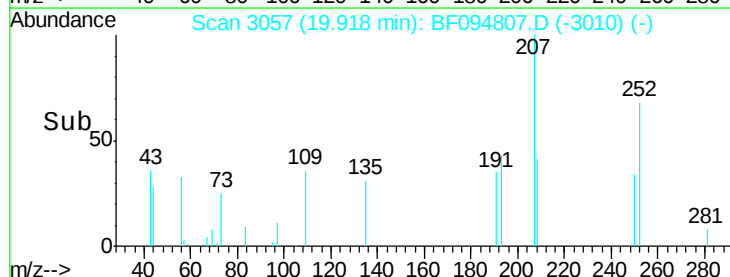
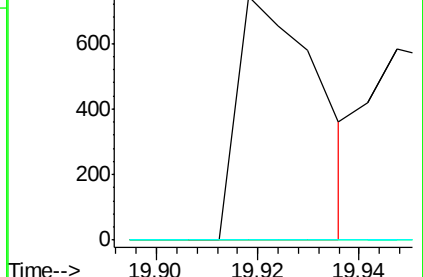
125 0.0 13.1 19.7#

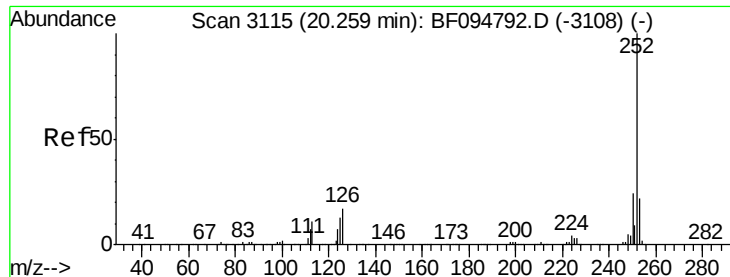


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.055 ng

RT: 20.25 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

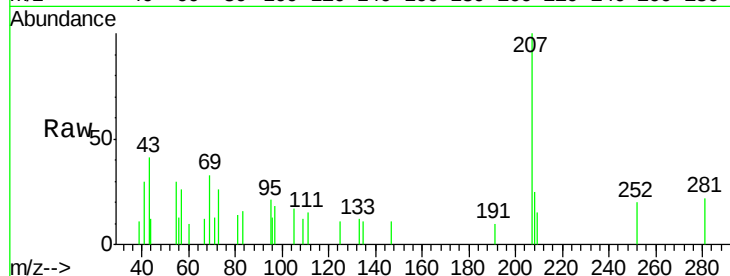
Tgt Ion:252 Resp: 516

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

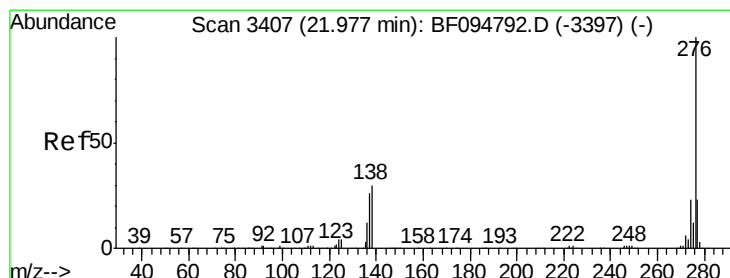
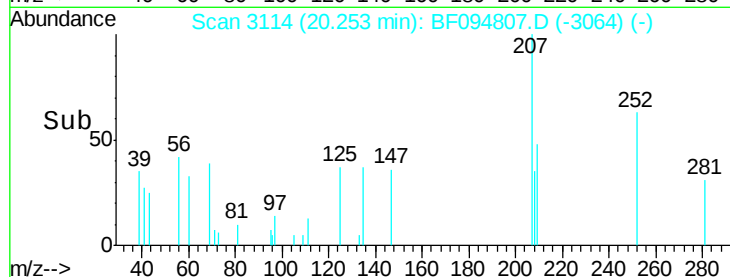
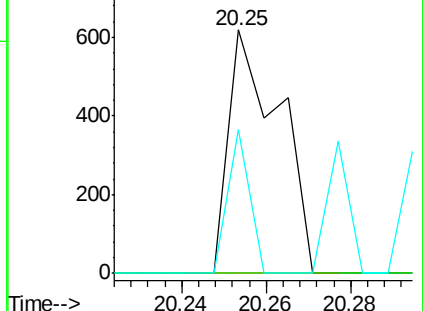
125 58.8 11.0 16.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.015 ng

RT: 22.03 min Scan# 3416

Delta R.T. 0.05 min

Lab File: BF094807.D

Acq: 2 May 2017 22:32

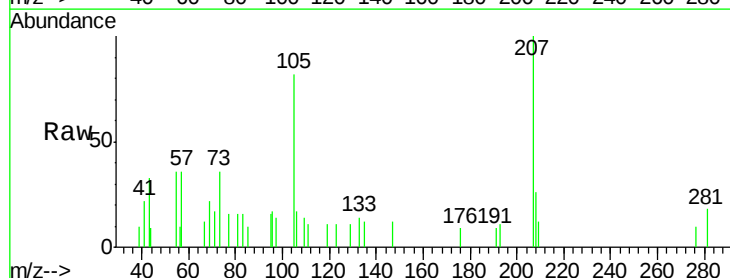
Tgt Ion:276 Resp: 116

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 25.4 38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

