

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099115.D
 Acq On : 5 Oct 2017 20:45
 Operator : SJ/JU
 Sample : I5604-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 02:12:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132732	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	551243	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	250801	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	451018	20.00	ng	0.00
75) Chrysene-d12	14.03	240	346758	20.00	ng	0.00
86) Perylene-d12	15.50	264	241142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.26	99	121	0.01	ng	-0.24
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.22	172	361	0.02	ng	-0.01
78) Terphenyl-d14	12.96	244	1142	0.07	ng	-0.01

Target Compounds

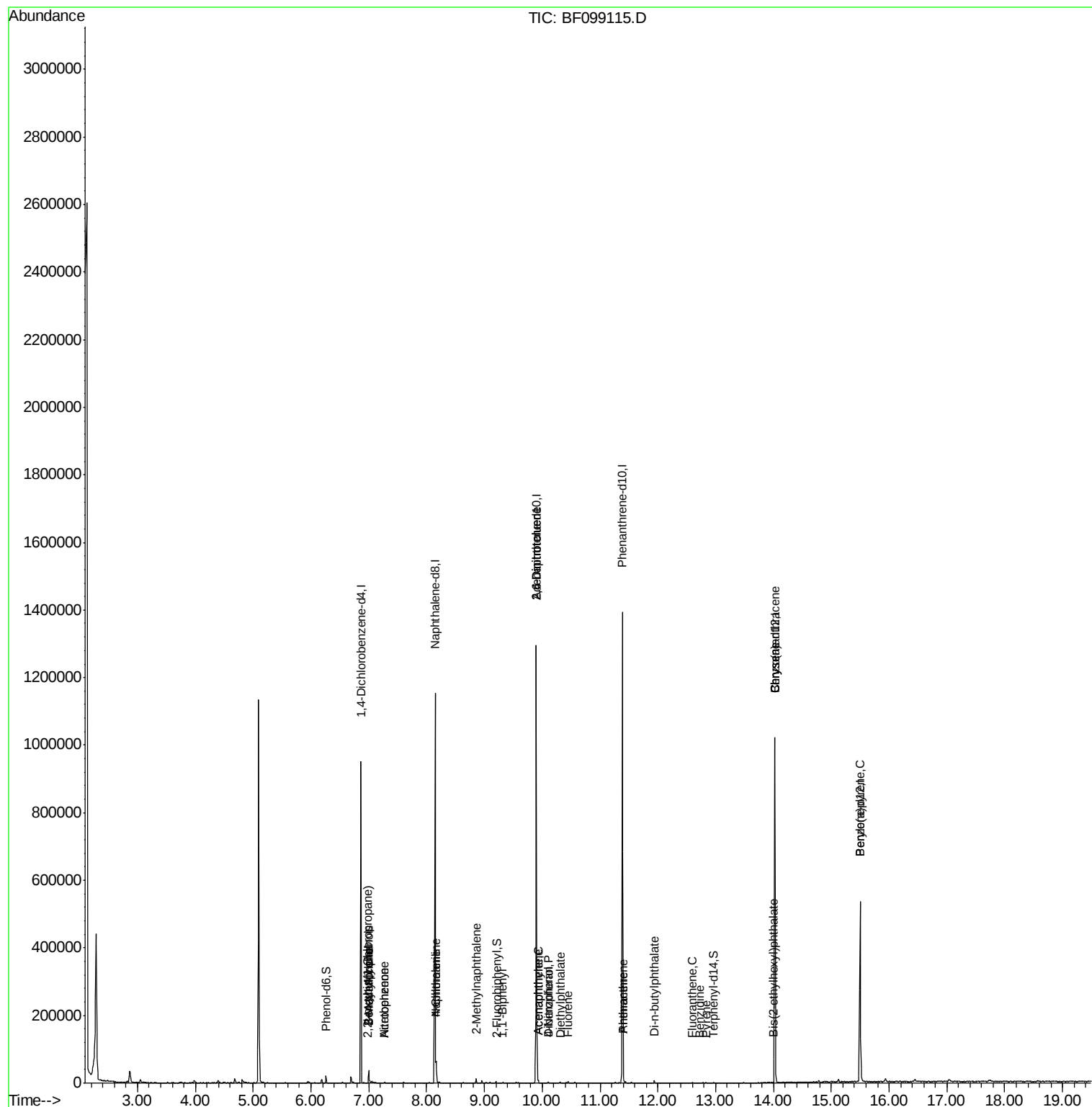
						Qvalue
15) Benzyl Alcohol	7.00	79	8193	1.09	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.98	45	126	0.01	ng	70
17) 2-Methylphenol	7.00	107	4746	0.61	ng	# 44
20) 3+4-Methylphenols	7.00	107	4747	0.49	ng	# 21
22) Acetophenone	7.27	105	807	0.06	ng	# 69
24) Nitrobenzene	7.27	77	393	0.04	ng	# 38
31) Naphthalene	8.16	128	25983	1.00	ng	99
33) 4-Chloroaniline	8.16	127	3394	0.31	ng	# 34
37) 2-Methylnaphthalene	8.86	142	3993	0.24	ng	100
45) 1,1'-Biphenyl	9.32	154	655	0.03	ng	# 42
48) Acenaphthylene	9.93	152	860	0.03	ng	# 1
50) 2,6-Dinitrotoluene	9.90	165	31715	7.70	ng	# 25
51) Acenaphthene	9.93	154	1623	0.10	ng	84
54) Dibenzofuran	10.10	168	1308	0.06	ng	# 96
55) 4-Nitrophenol	10.10	139	566	0.14	ng	# 9
56) 2,4-Dinitrotoluene	9.90	165	31715	5.93	ng	# 23
57) Fluorene	10.45	166	1315	0.08	ng	# 94
59) Diethylphthalate	10.31	149	1285	0.07	ng	# 87
70) Phenanthrene	11.41	178	3569	0.15	ng	98
71) Anthracene	11.41	178	3569	0.14	ng	98
73) Di-n-butylphthalate	11.94	149	3663	0.13	ng	# 90
74) Fluoranthene	12.60	202	564	0.02	ng	62
76) Benzidine	12.72	184	889	0.07	ng	# 66
77) Pyrene	12.83	202	678	0.03	ng	# 57
80) Benzo(a)anthracene	14.02	228	854	0.04	ng	# 51
82) Chrysene	14.02	228	854	0.04	ng	# 48
83) Bis(2-ethylhexyl)phthalate	13.99	149	732	0.04	ng	# 88
89) Benzo(a)pyrene	15.49	252	705	0.05	ng	# 60

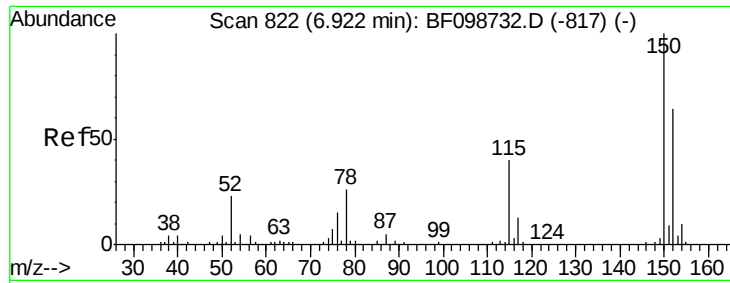
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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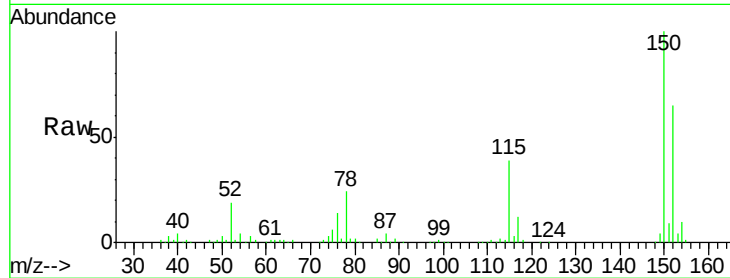


#1

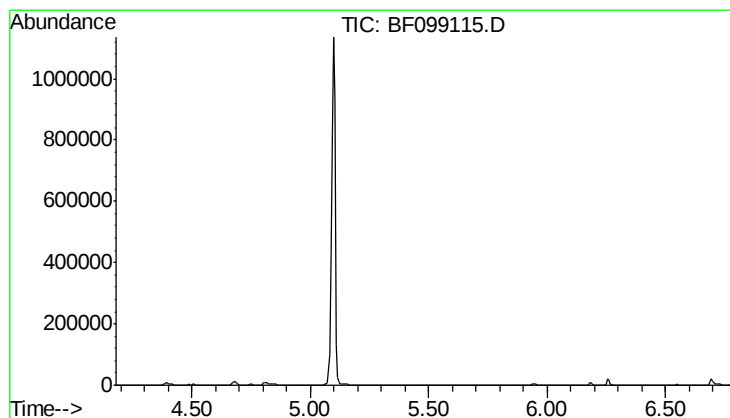
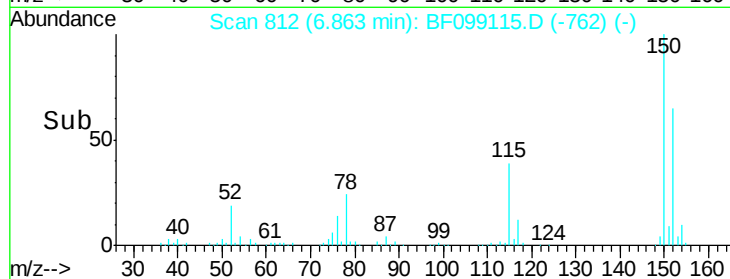
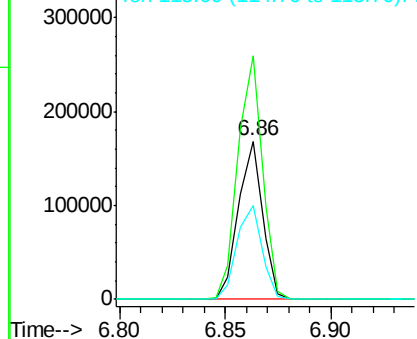
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132732
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 59.5 50.1 75.1



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

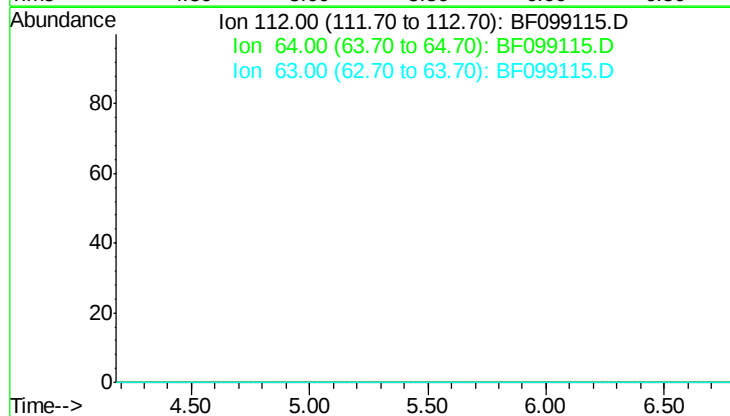


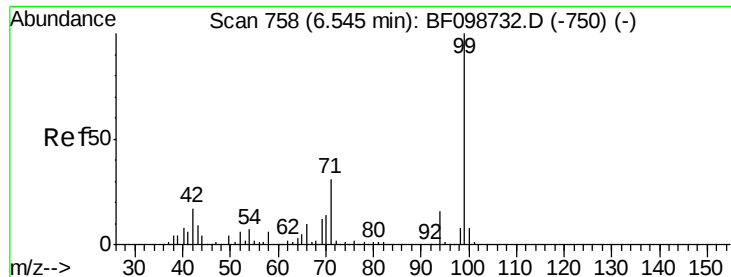
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.48 min

Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.9
63 29.6





#7

Phenol-d6

Concen: 0.01 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.24 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampleId :

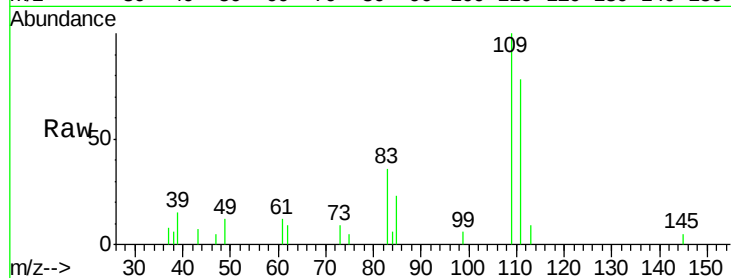
Tot Ion: 99 Resp: 121

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

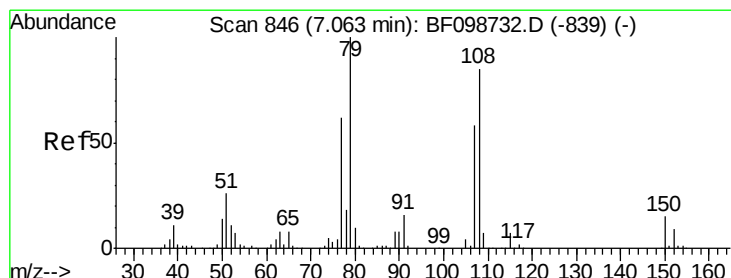
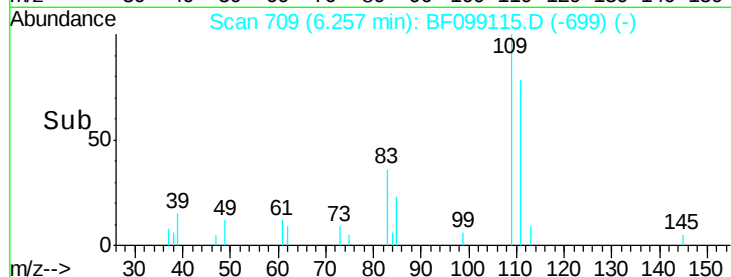
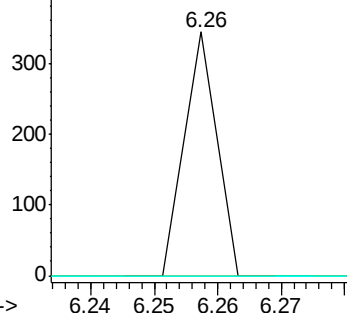
71 0.0 25.4 38.0#



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: 1.09 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

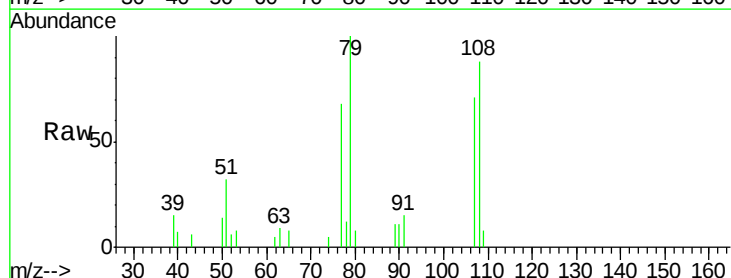
Tgt Ion: 79 Resp: 8193

Ion Ratio Lower Upper

79 100

108 88.4 65.1 97.7

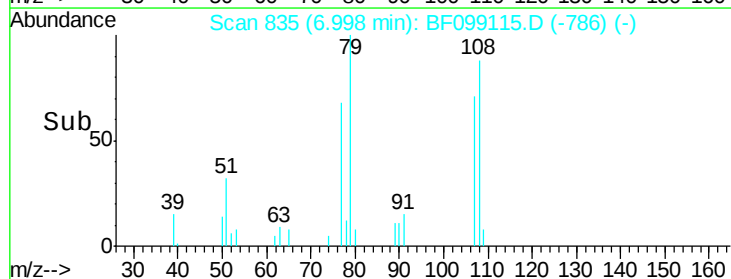
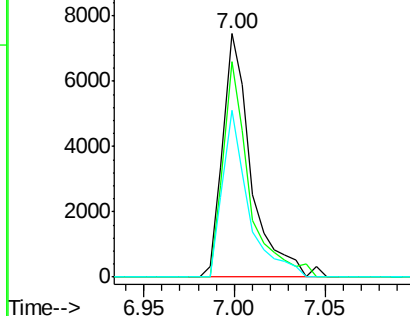
77 68.4 50.6 75.8

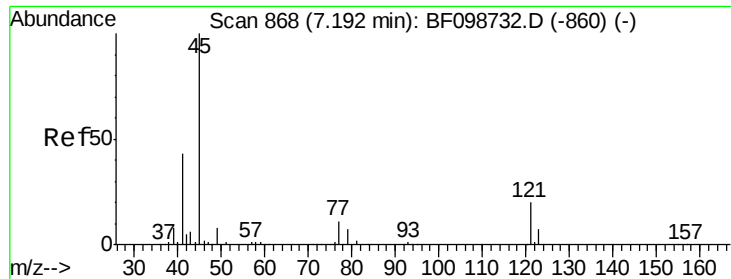


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

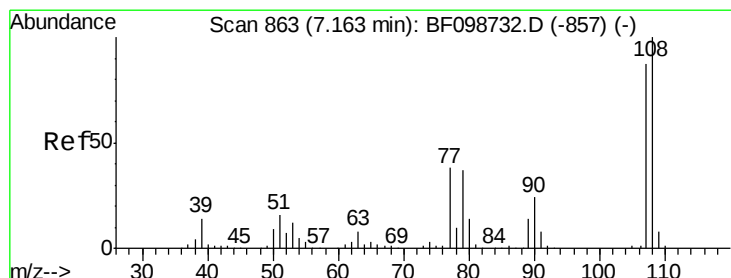
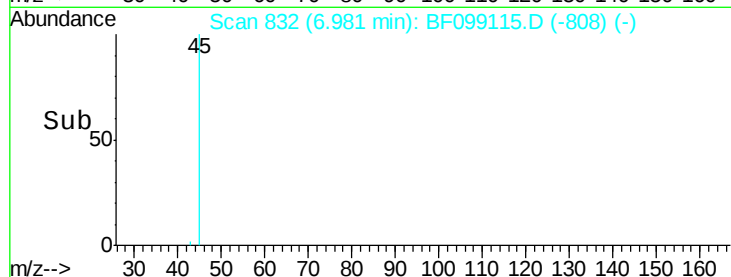
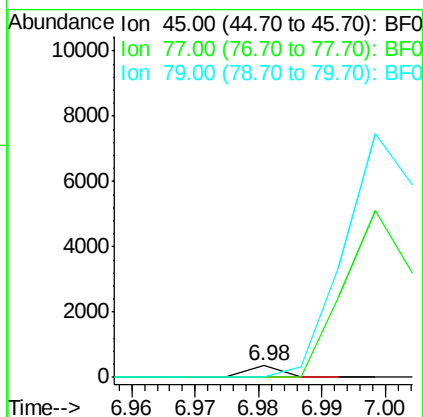
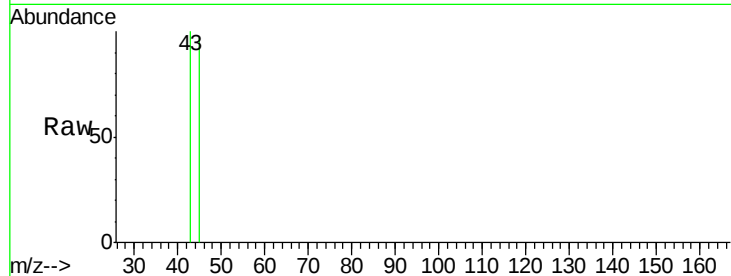




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.01 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.16 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

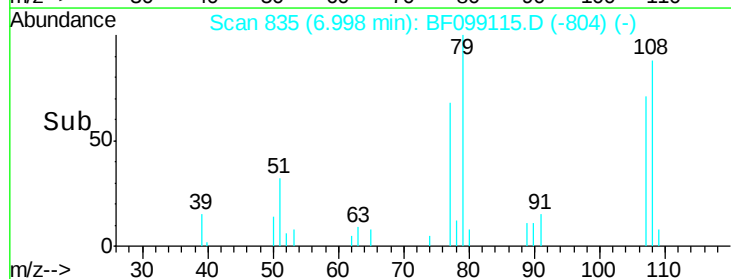
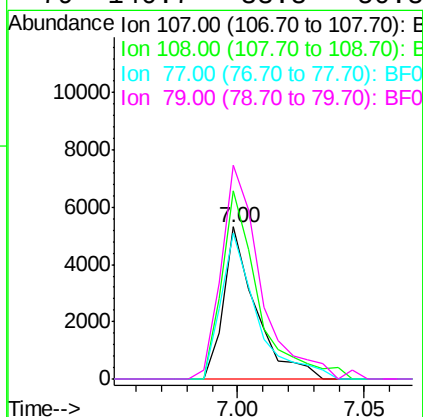
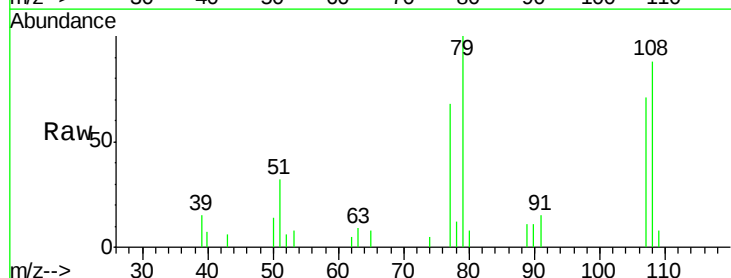
Instrument :
BNA_F
ClientSampleId :

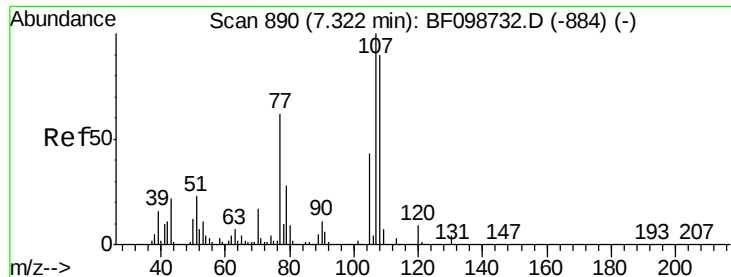
Tot Ion: 45 Resp: 126
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6



#17
2-Methylphenol
Concen: 0.61 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.12 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion: 107 Resp: 4746
Ion Ratio Lower Upper
107 100
108 124.4 91.7 137.5
77 96.2 33.8 50.8#
79 140.7 33.8 50.8#





#20

3+4-Methylphenols

Concen: 0.49 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.28 min

Lab File: BF099115.D

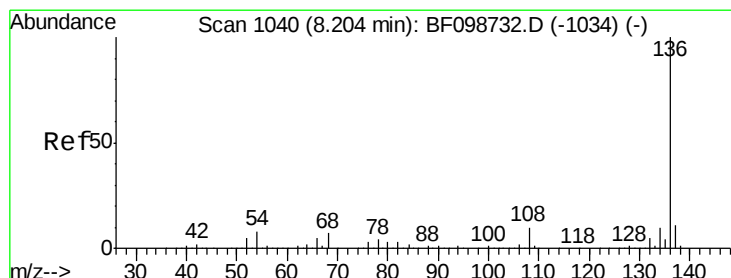
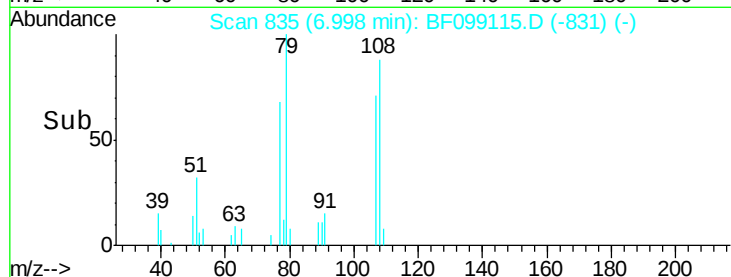
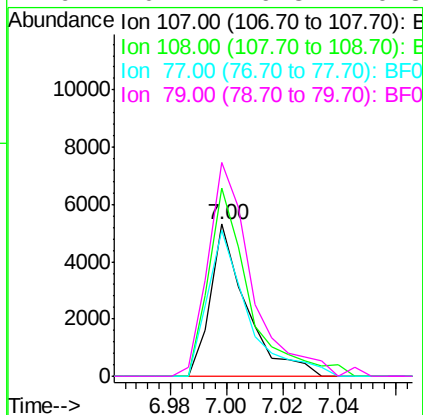
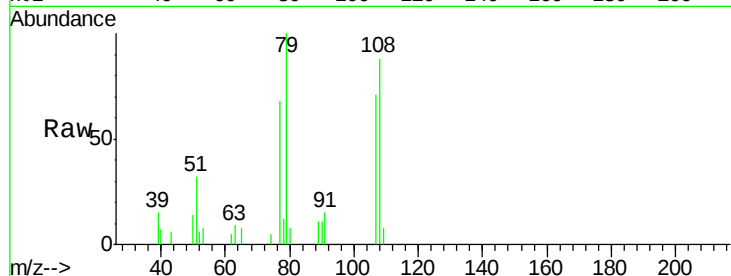
Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	4747
Ion	Ratio	Lower	Upper
107	100		
108	124.4	68.2	108.2#
77	96.2	26.7	66.7#
79	140.7	6.3	46.3#



#21

Naphthalene-d8

Concen: 20.00 ng

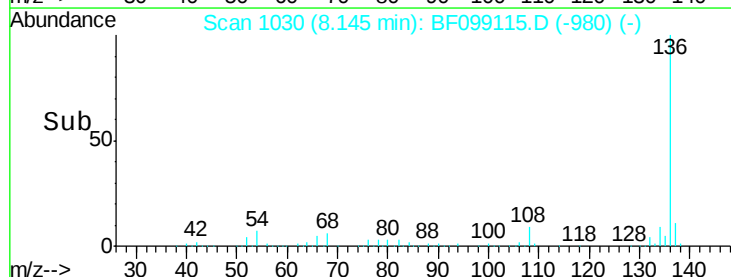
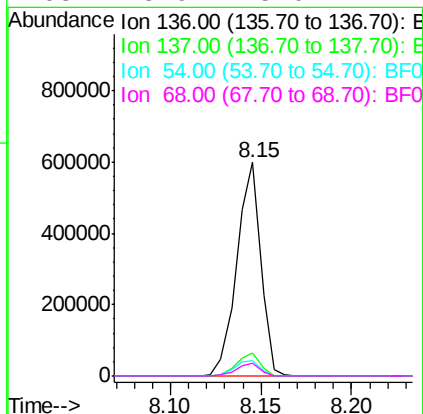
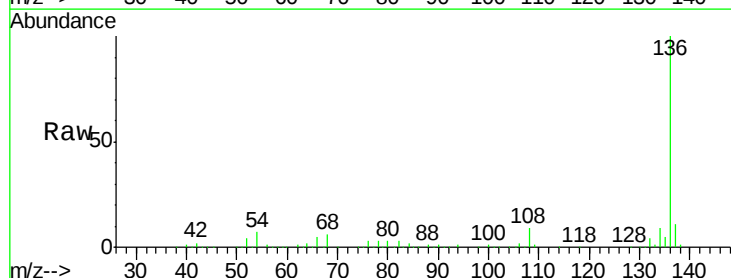
RT: 8.15 min Scan# 1030

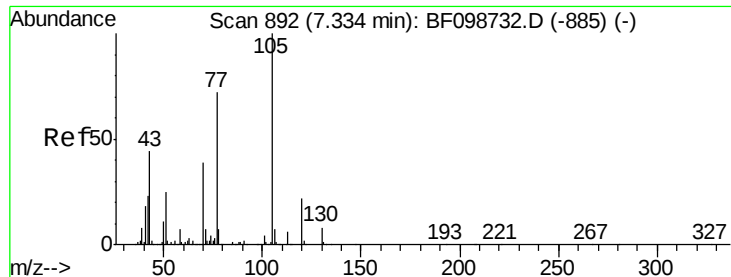
Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Tgt Ion:	136	Resp:	551243
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4





#22

Acetophenone

Concen: 0.06 ng

RT: 7.27 min Scan# 881

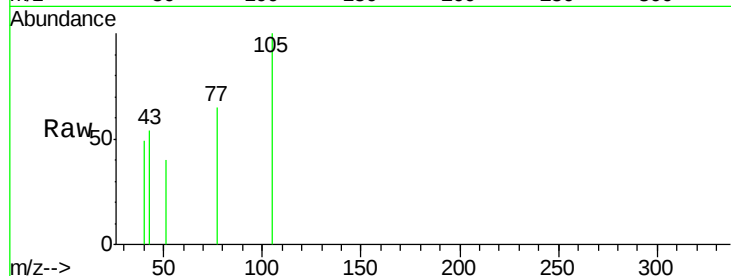
Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	105	Resp:	807
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	39.8	22.3	33.5#
120	0.0	16.9	25.3#

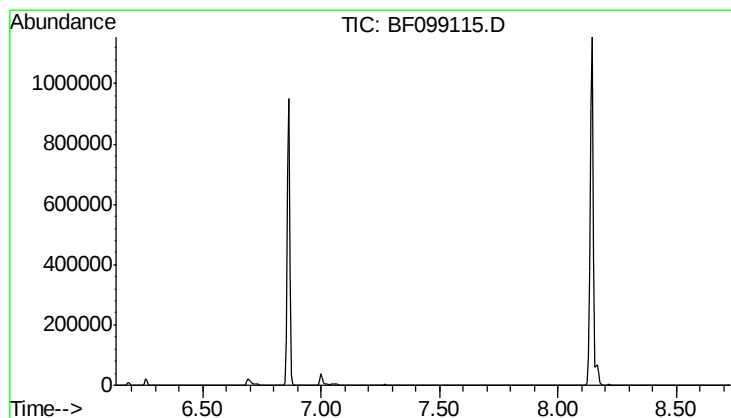
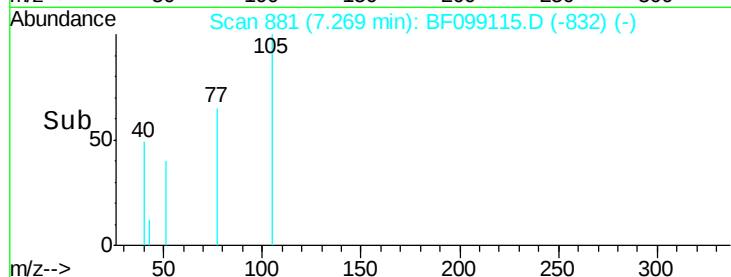
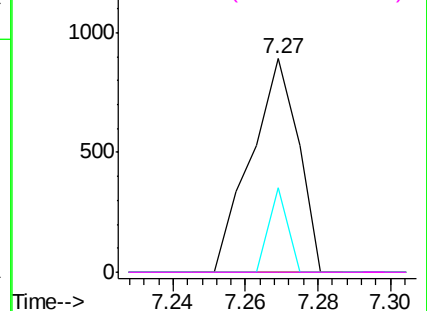


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

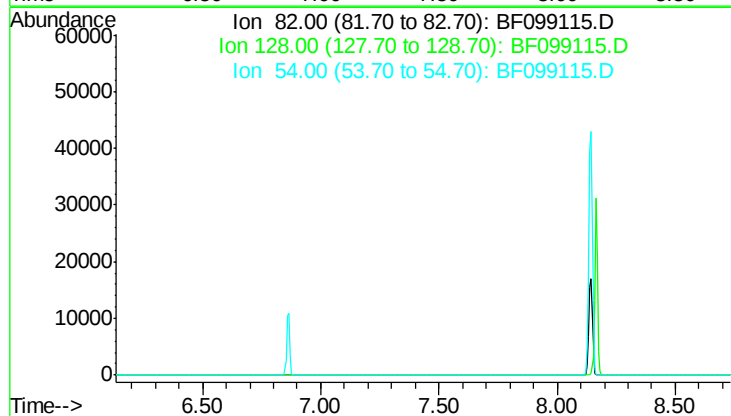
Concen: 0.00 ng

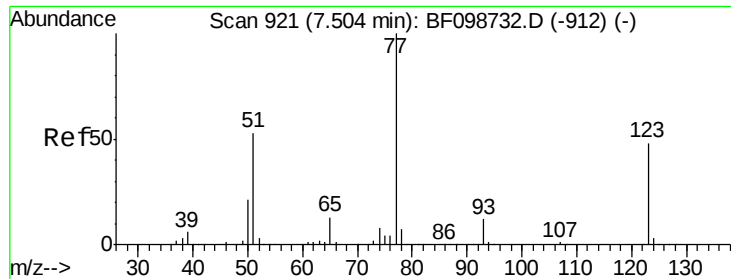
Expected RT: 7.43 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Tgt Ion:	82
Sig	Exp Ratio
82	100
128	45.1
54	51.8

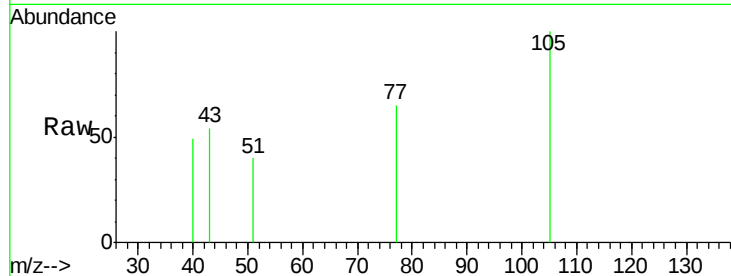




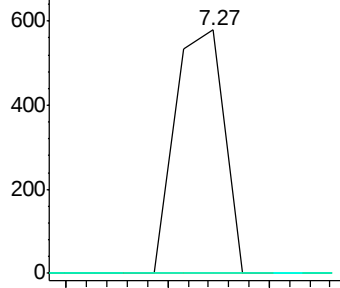
#24
 Nitrobenzene
 Concen: 0.04 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.19 min
 Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :

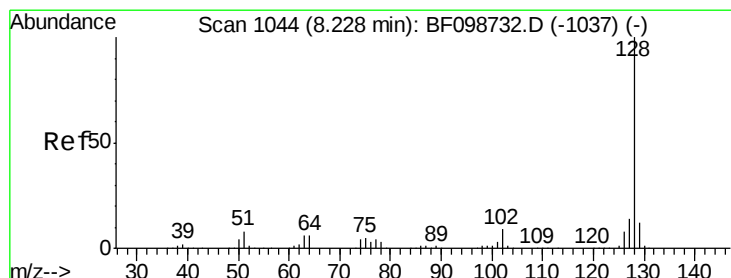
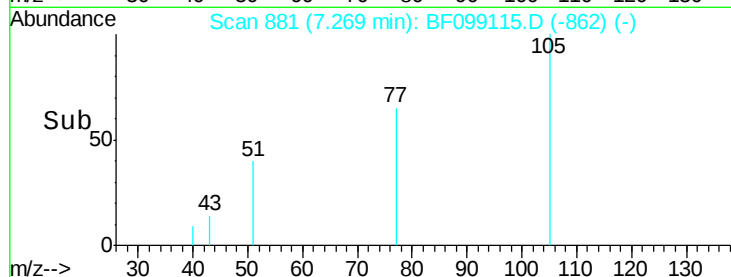
Tot Ion: 77 Resp: 393
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 0.0 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BF0

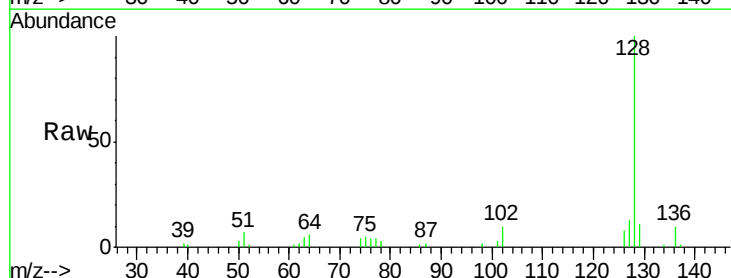


Time--> 7.24 7.26 7.28

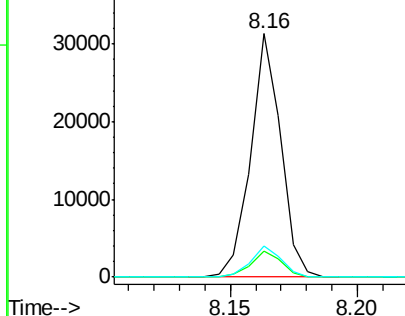


#31
 Naphthalene
 Concen: 1.00 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

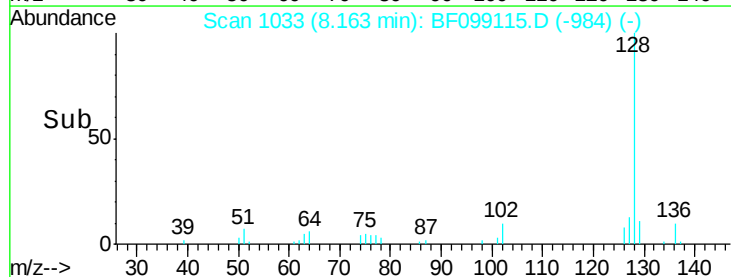
Tgt Ion: 128 Resp: 25983
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.8 13.2
 127 12.9 10.9 16.3

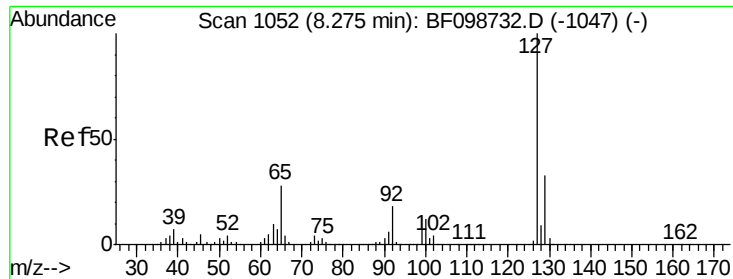


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E



Time--> 8.15 8.20

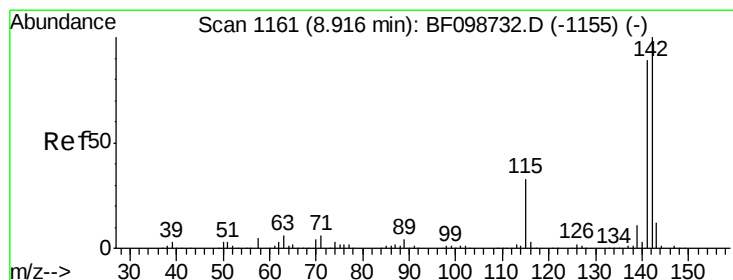
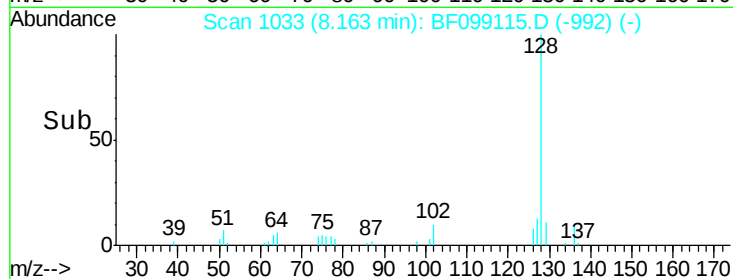
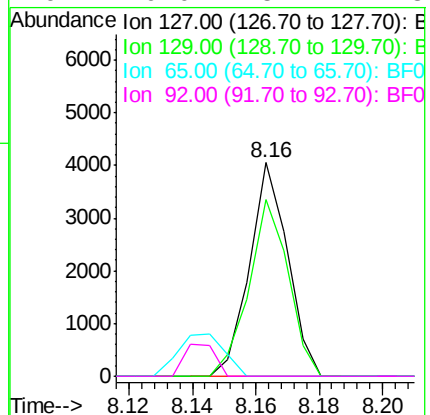
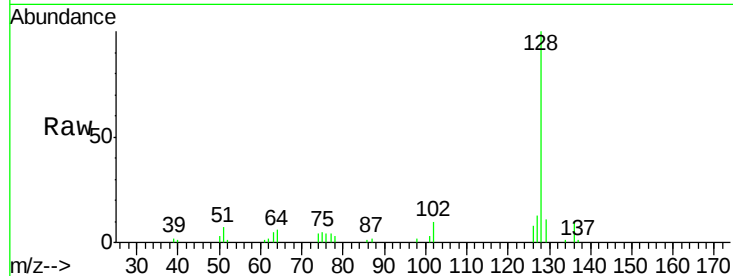




#33
4-Chloroaniline
Concen: 0.31 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

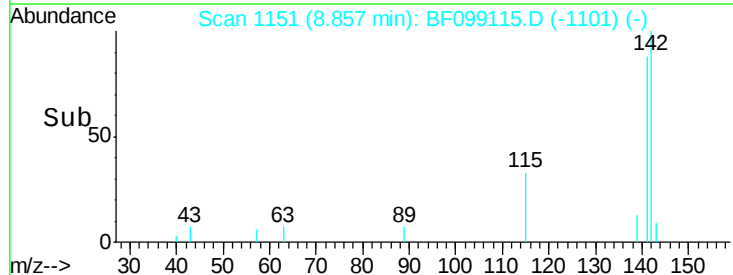
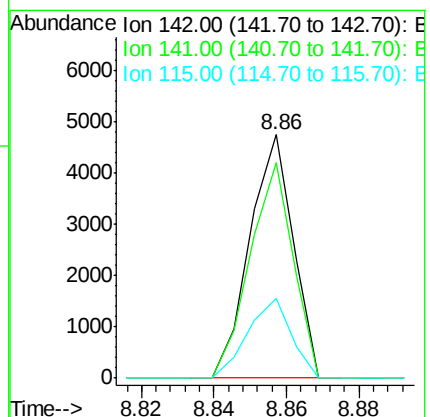
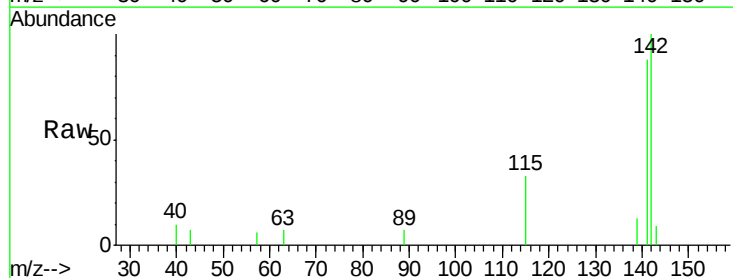
Instrument :
BNA_F
ClientSampleId :

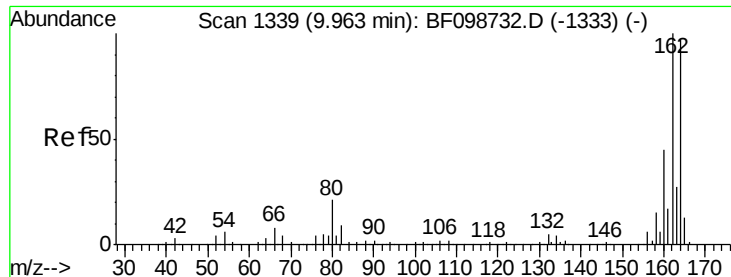
Tot Ion:127 Resp: 3394
Ion Ratio Lower Upper
127 100
129 82.8 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#37
2-Methylnaphthalene
Concen: 0.24 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:142 Resp: 3993
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 32.5 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampleId :

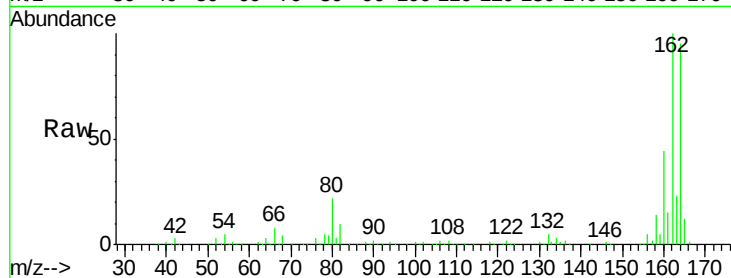
Tot Ion:164 Resp: 250801

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

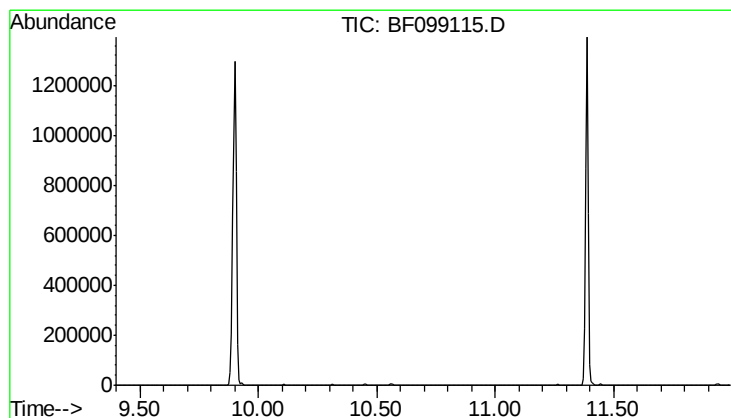
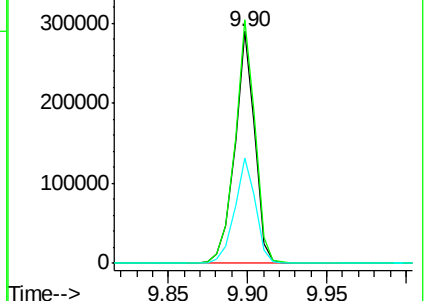
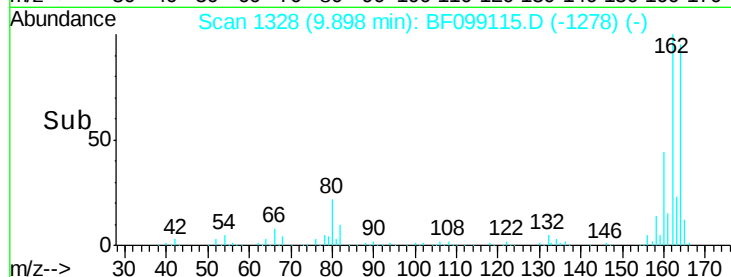
160 45.8 38.3 57.5



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: 0.00 ng

Expected RT: 10.70 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

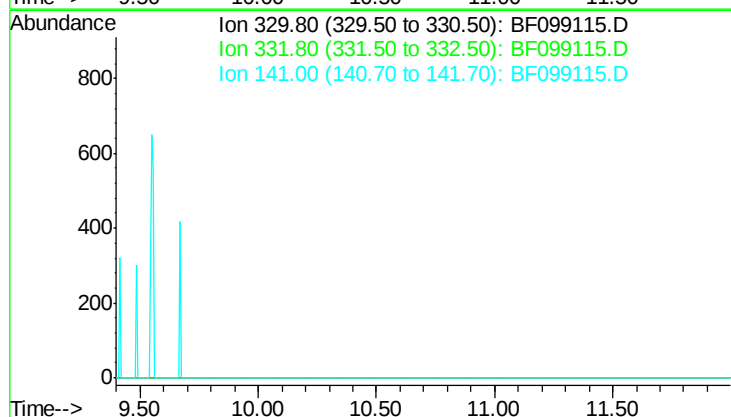
Tgt Ion: 330

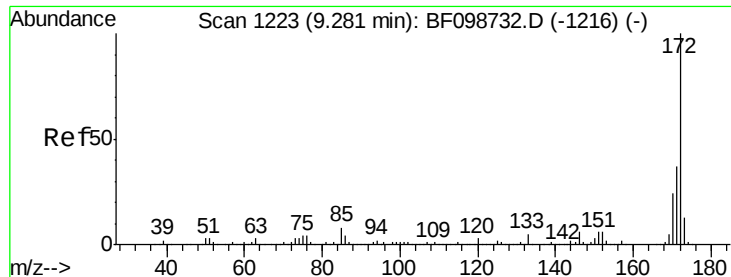
Sig Exp Ratio

330 100

332 96.3

141 37.4

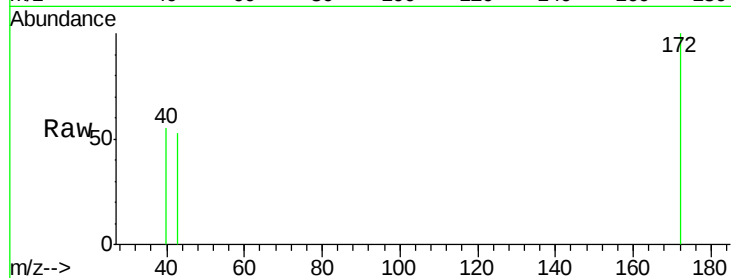




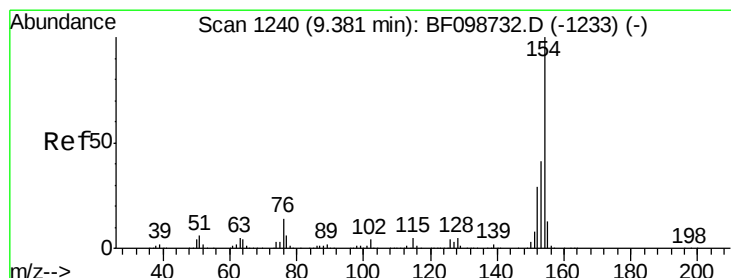
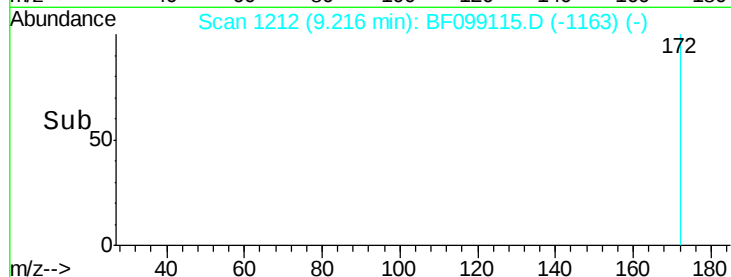
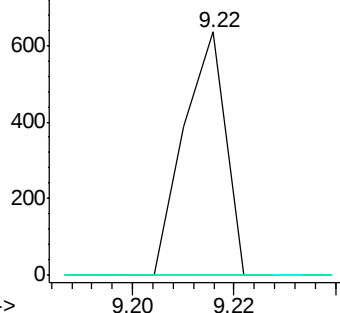
#44
2-Fluorobiphenyl
Concen: 0.02 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 361
Ion Ratio Lower Upper
172 100
171 0.0 29.7 44.5#
170 0.0 19.6 29.4#

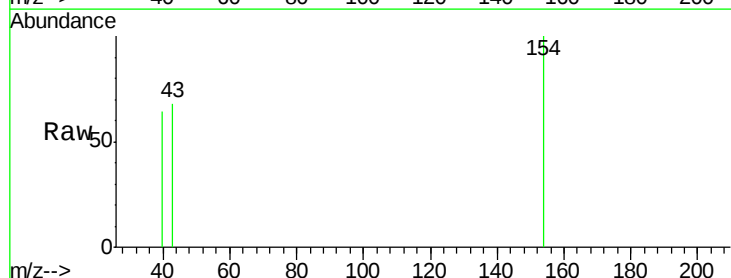


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

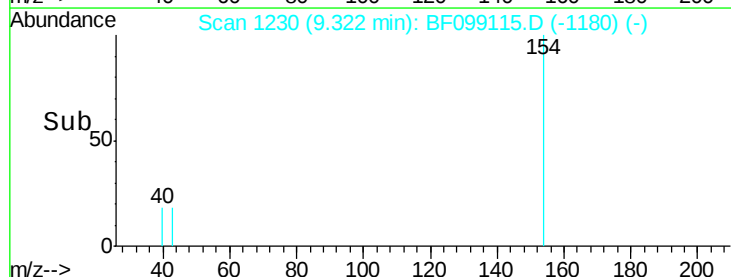
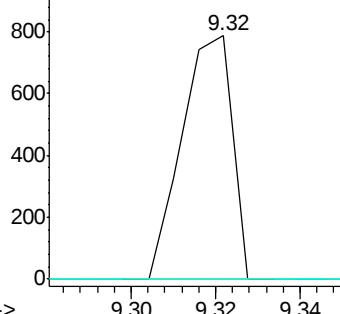


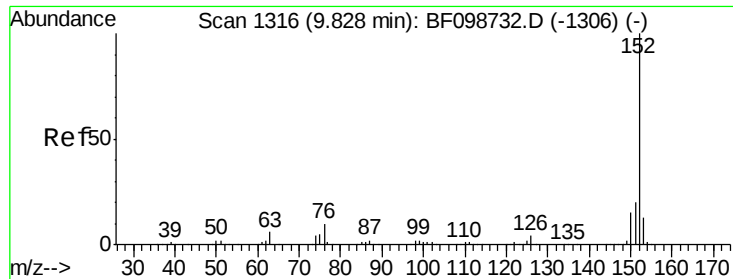
#45
1,1'-Biphenyl
Concen: 0.03 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:154 Resp: 655
Ion Ratio Lower Upper
154 100
153 0.0 21.3 61.3#
76 0.0 0.0 34.0



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





#48

Acenaphthylene

Concen: 0.03 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.16 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampled :

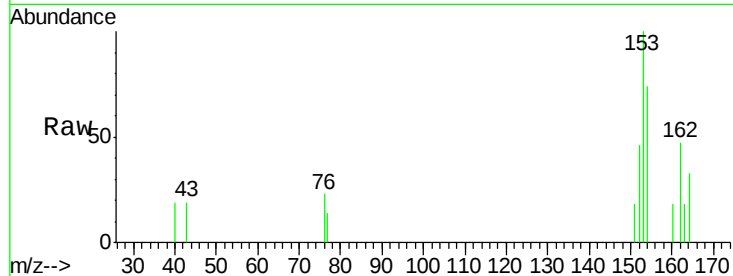
Tot Ion:152 Resp: 860

Ion Ratio Lower Upper

152 100

151 39.2 16.3 24.5#

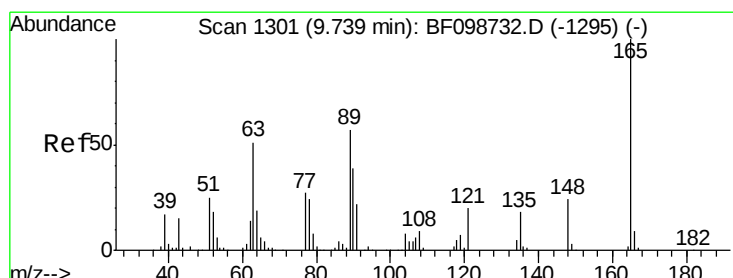
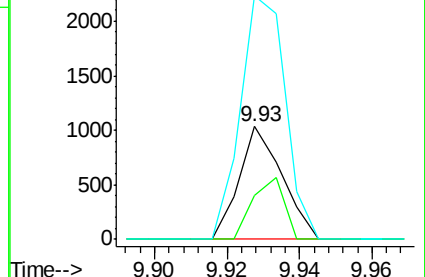
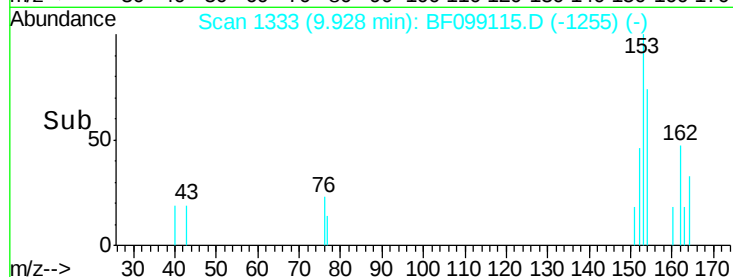
153 216.4 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 7.70 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.21 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

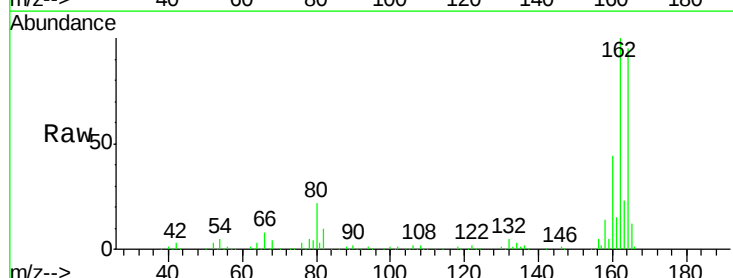
Tgt Ion:165 Resp: 31715

Ion Ratio Lower Upper

165 100

63 1.0 44.7 67.1#

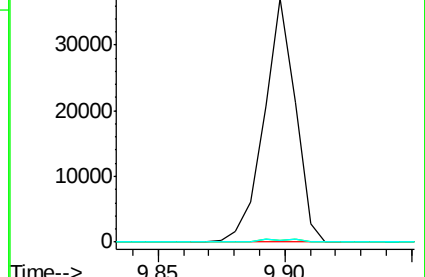
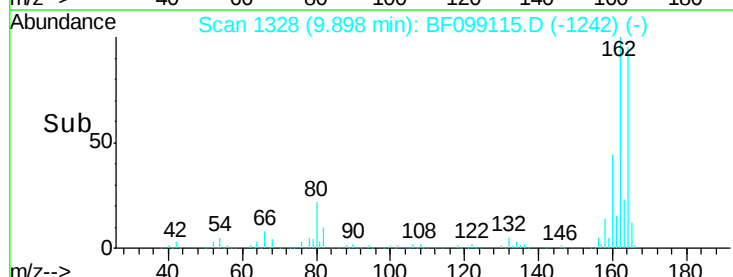
89 0.9 44.0 66.0#

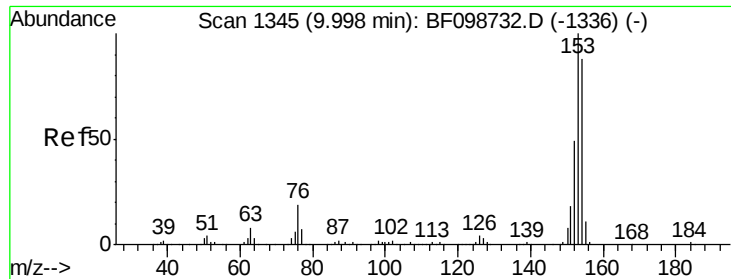


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.10 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampleId :

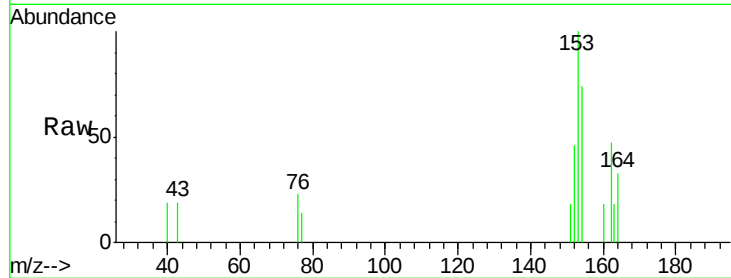
Tot Ion:154 Resp: 1623

Ion Ratio Lower Upper

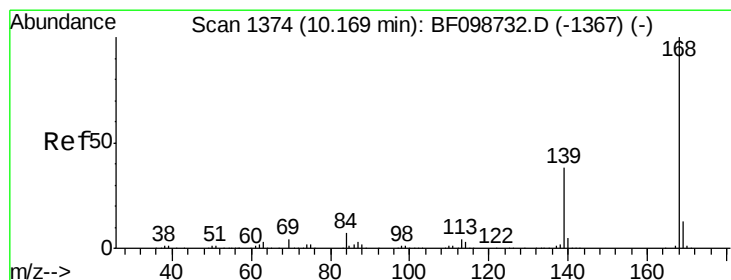
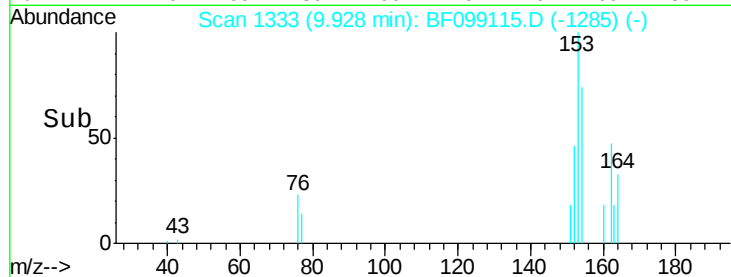
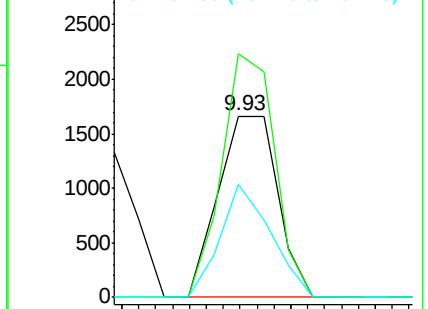
154 100

153 134.3 91.2 136.8

152 62.1 43.8 65.8



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



#54

Dibenzofuran

Concen: 0.06 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

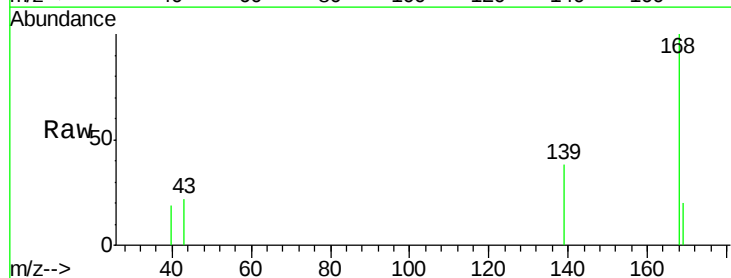
Tgt Ion:168 Resp: 1308

Ion Ratio Lower Upper

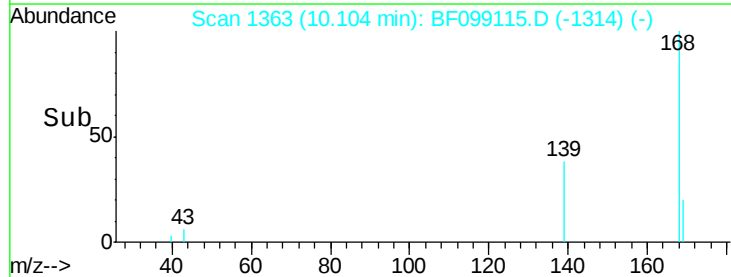
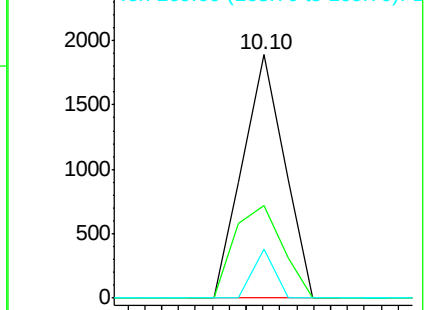
168 100

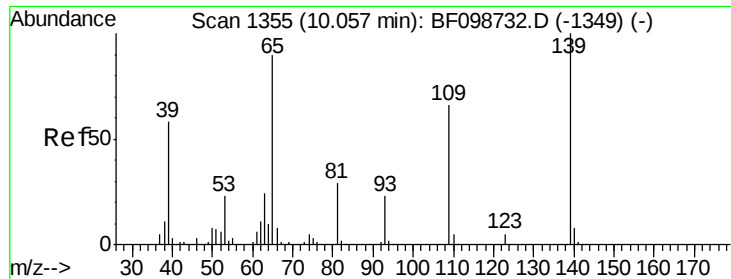
139 37.8 30.1 45.1

169 19.9 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

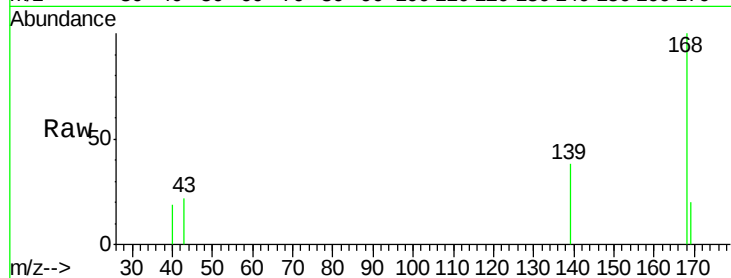




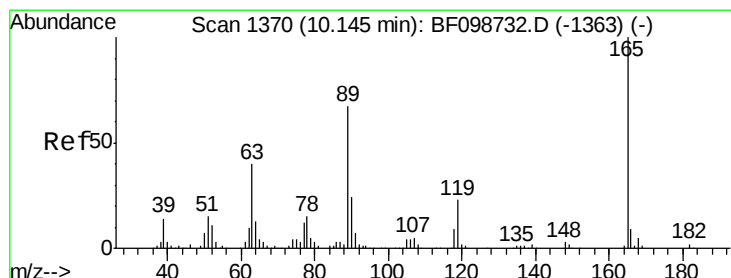
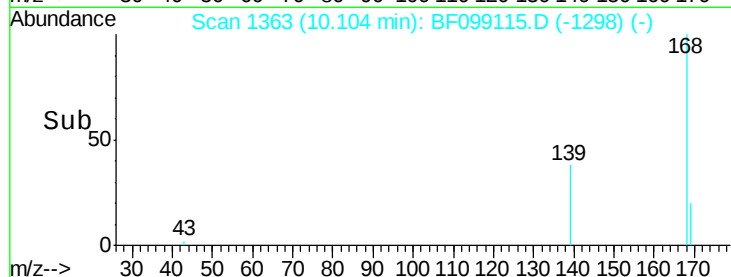
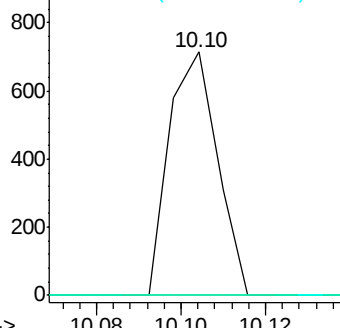
#55
4-Nitrophenol
Concen: 0.14 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 566
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

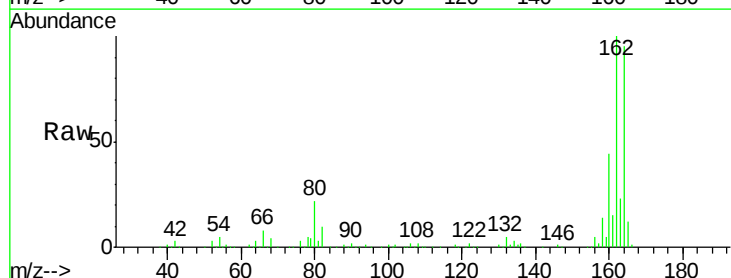


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

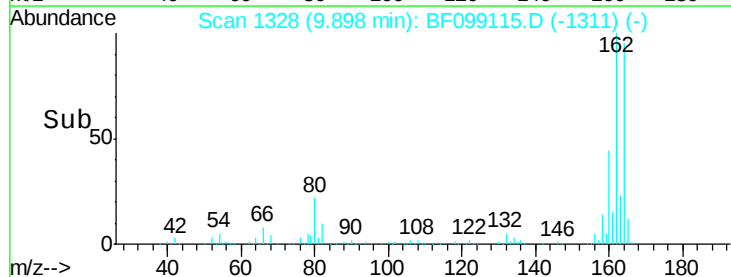
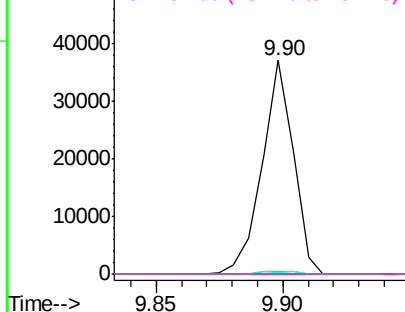


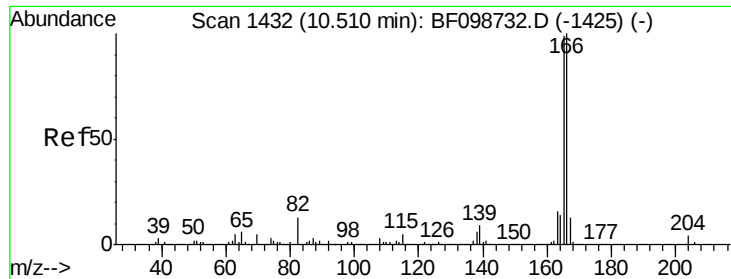
#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:165 Resp: 31715
Ion Ratio Lower Upper
165 100
63 1.0 36.4 54.6#
89 0.9 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.08 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampleId :

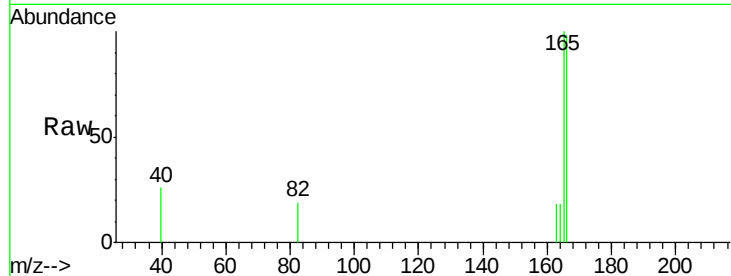
Tot Ion:166 Resp: 1315

Ion Ratio Lower Upper

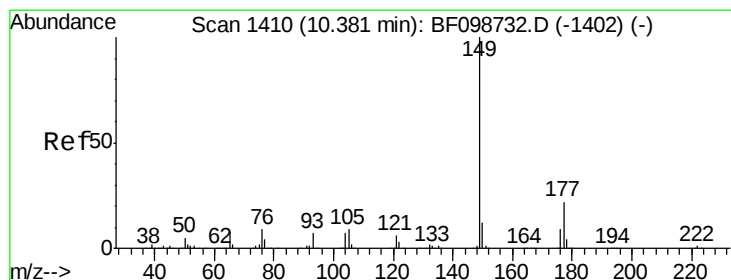
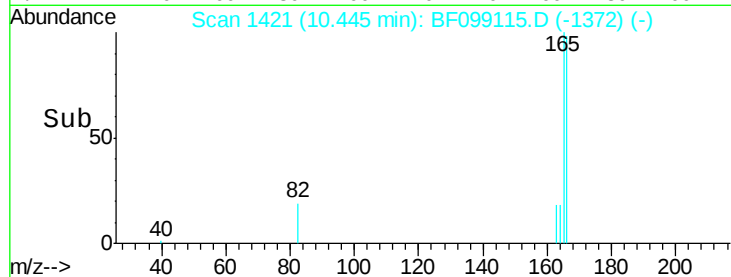
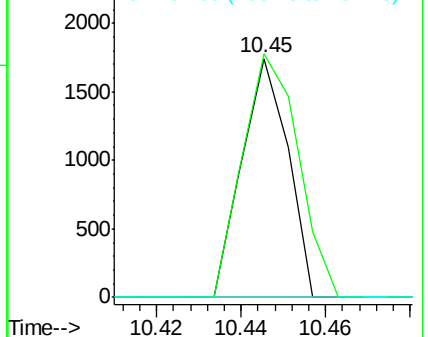
166 100

165 102.1 79.8 119.8

167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.07 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.02 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

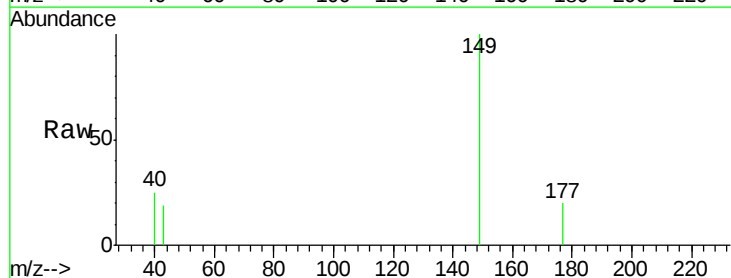
Tgt Ion:149 Resp: 1285

Ion Ratio Lower Upper

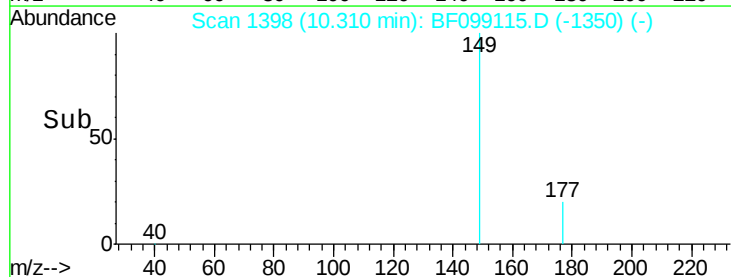
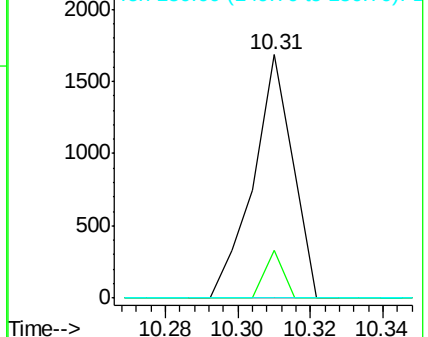
149 100

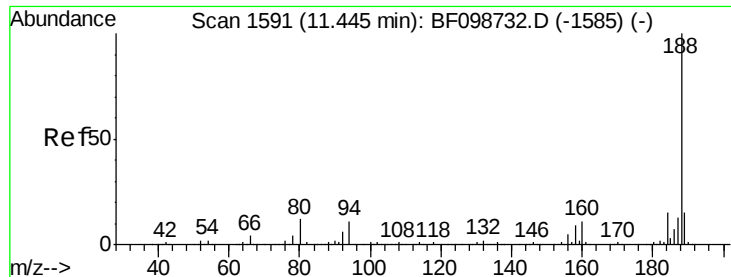
177 19.7 16.1 24.1

150 0.0 10.1 15.1#



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

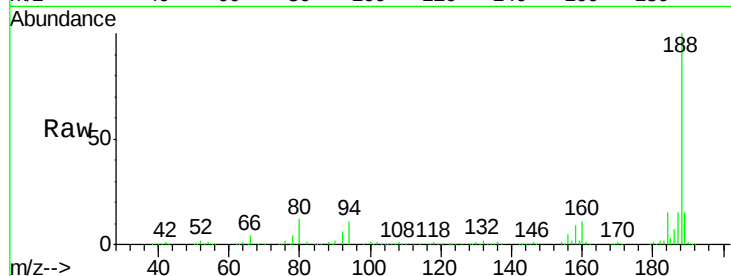




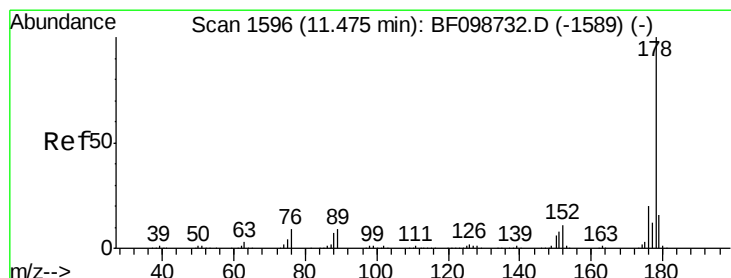
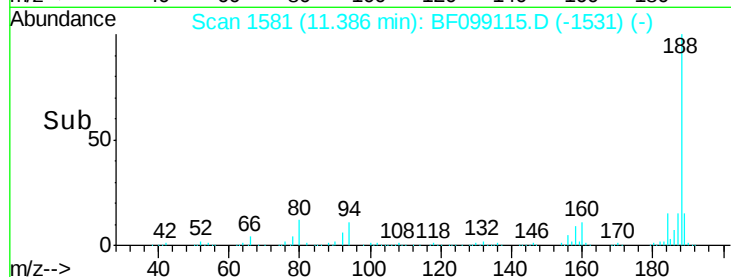
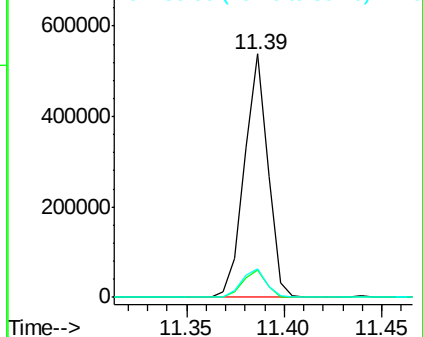
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 451018
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.9 9.2 13.8

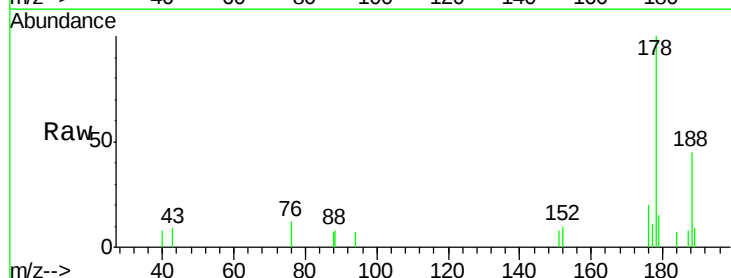


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

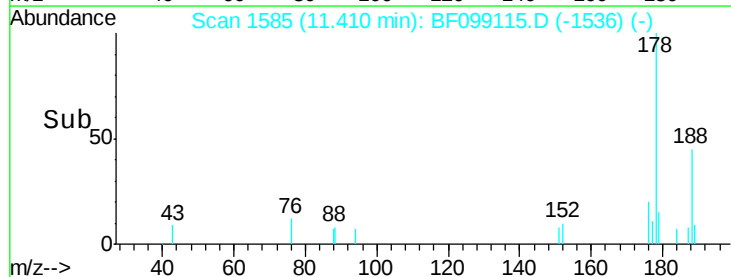
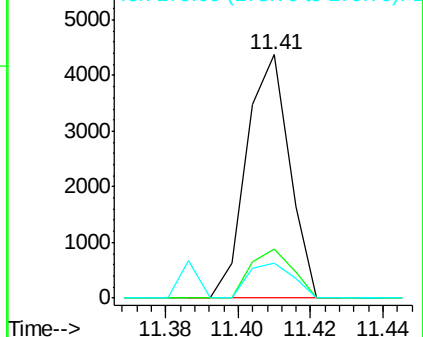


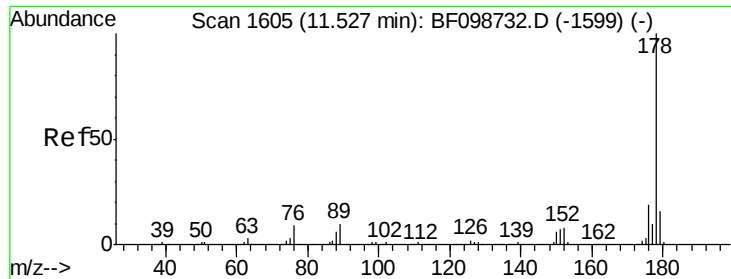
#70
Phenanthrene
Concen: 0.15 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:178 Resp: 3569
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 14.6 13.0 19.6



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: 0.14 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.06 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampleId :

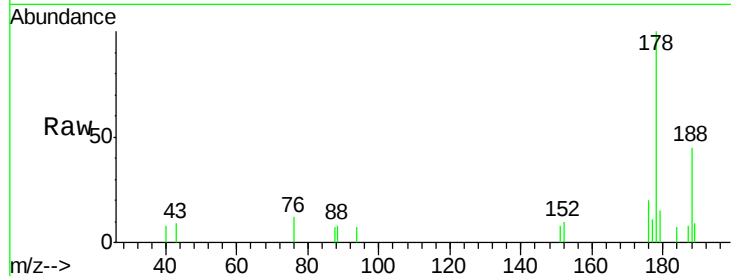
Tot Ion:178 Resp: 3569

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

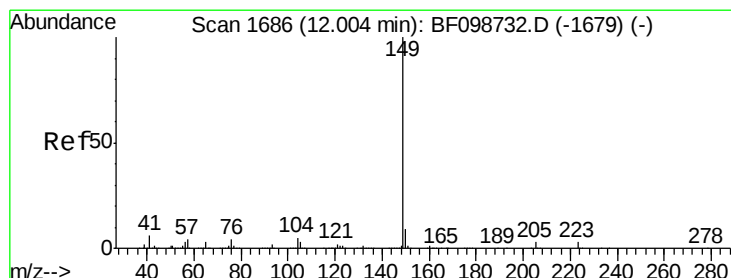
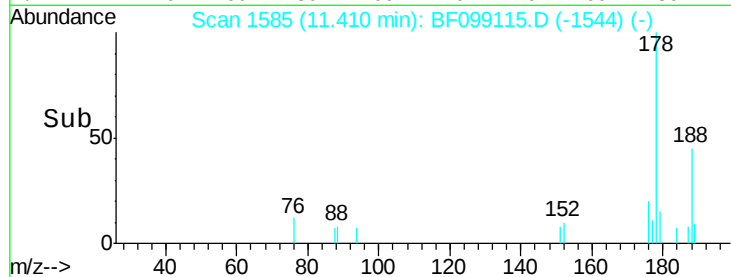
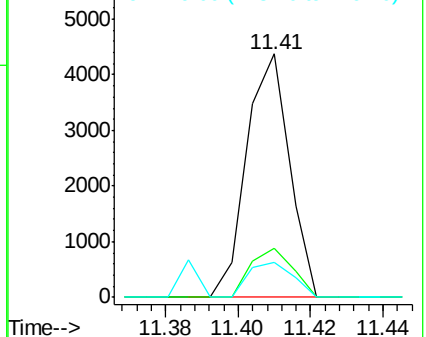
179 14.6 12.6 19.0



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



#73

Di-n-butylphthalate

Concen: 0.13 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

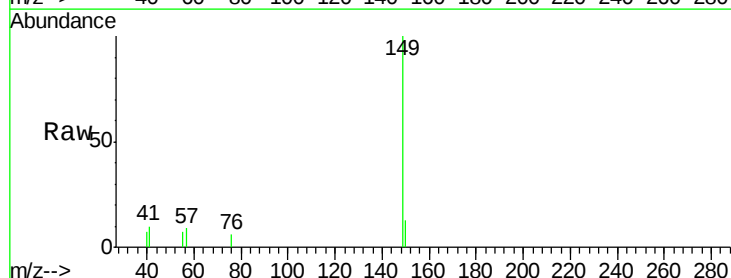
Tgt Ion:149 Resp: 3663

Ion Ratio Lower Upper

149 100

150 12.8 7.8 11.6#

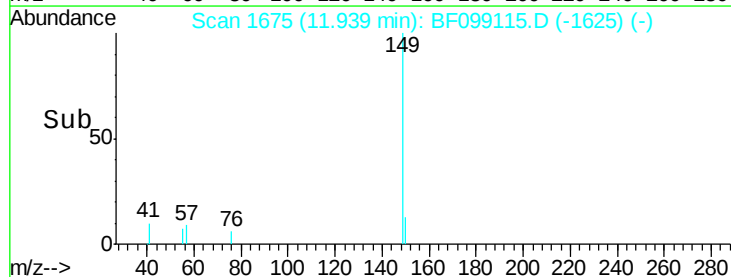
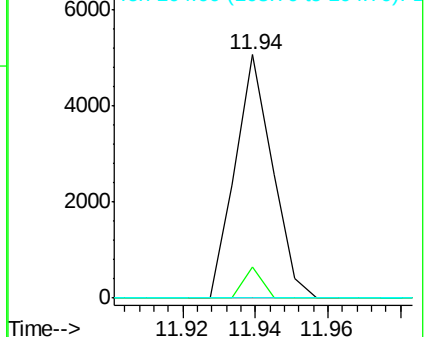
104 0.0 3.8 5.8#

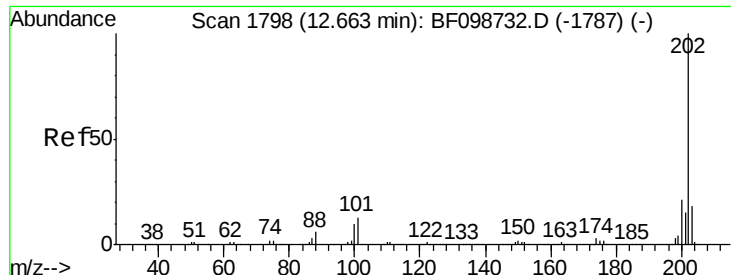


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

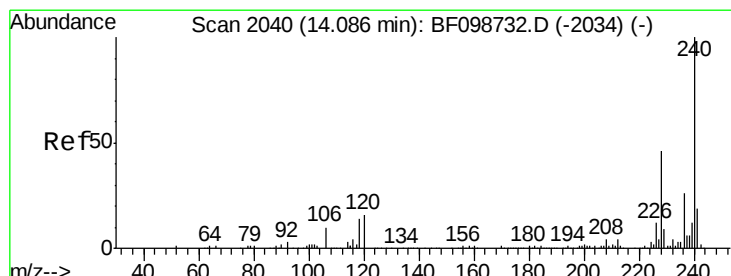
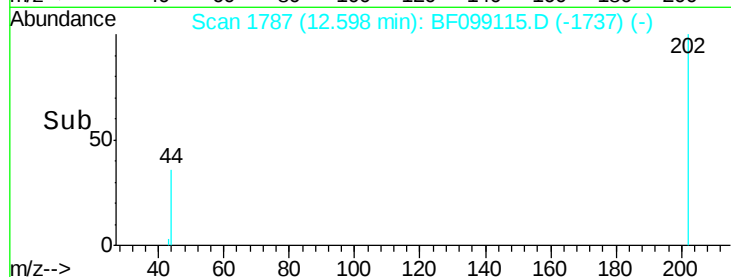
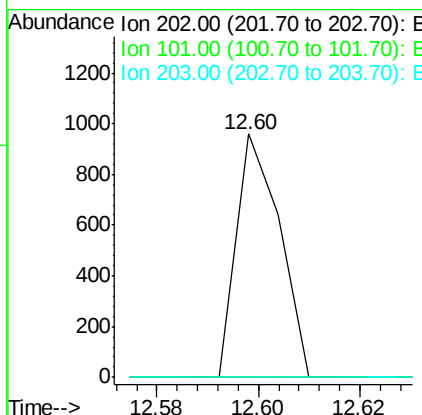
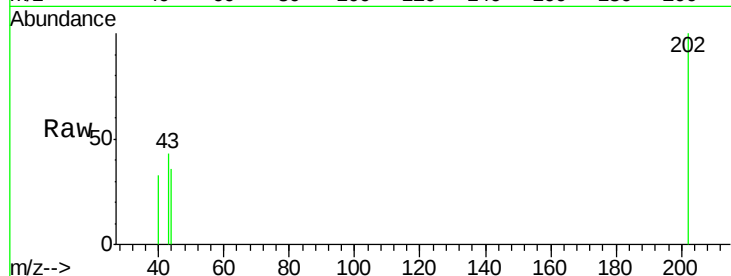




#74
 Fluoranthene
 Concen: 0.02 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

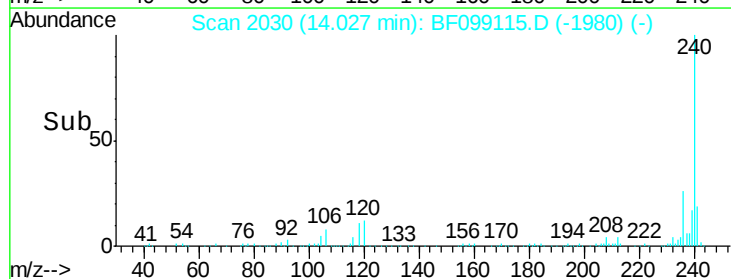
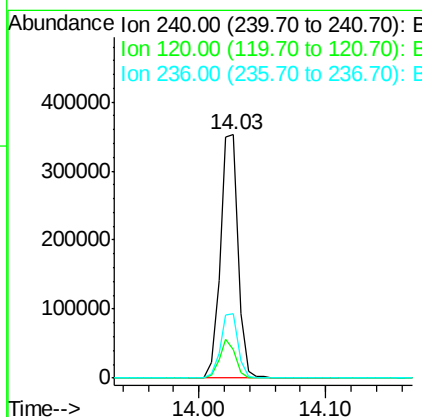
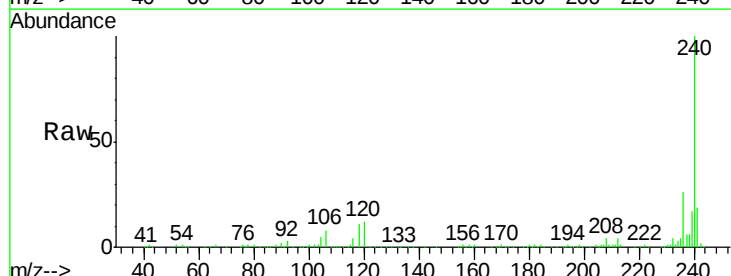
Instrument :
 BNA_F
 ClientSampleId :

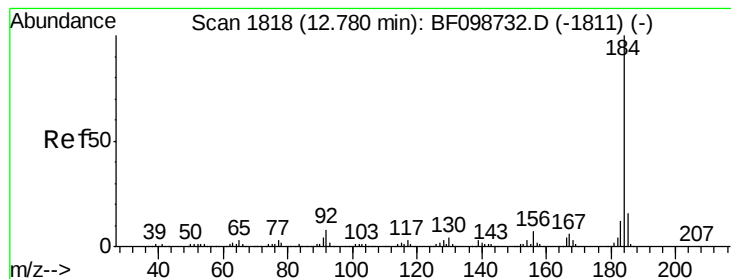
Tot Ion:202 Resp: 564
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 34.1
 203 0.0 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099115.D
 Acq: 5 Oct 2017 20:45

Tgt Ion:240 Resp: 346758
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 26.4 20.7 31.1





#76

Benzidine

Concen: 0.07 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampleId :

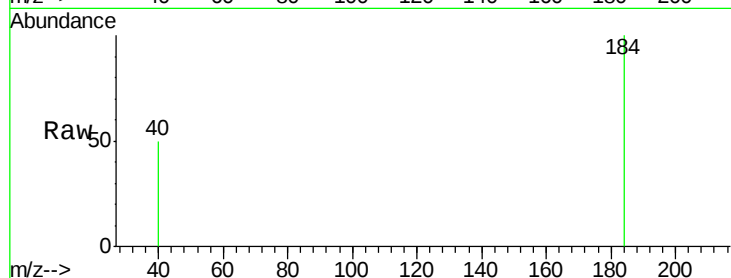
Tot Ion:184 Resp: 889

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

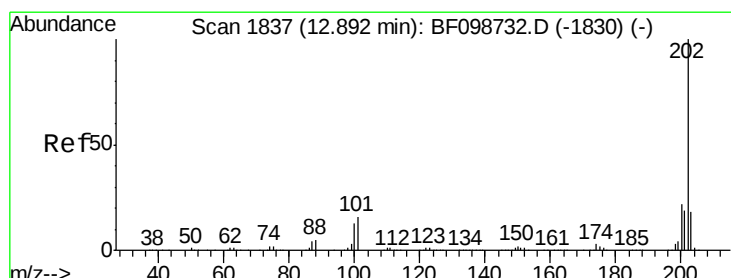
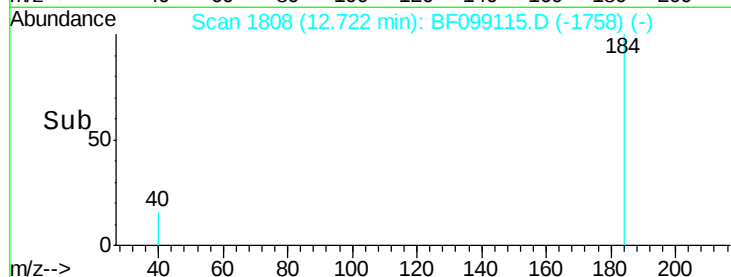
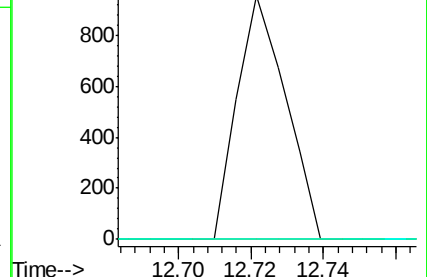
183 0.0 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.03 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

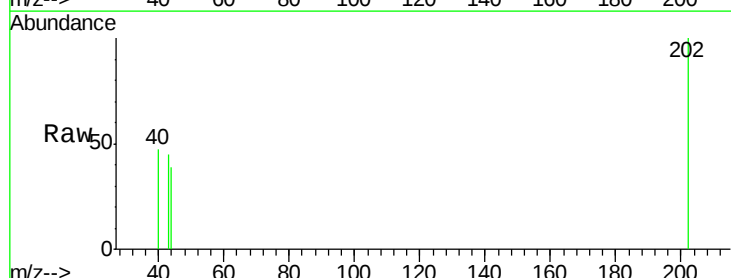
Tgt Ion:202 Resp: 678

Ion Ratio Lower Upper

202 100

200 0.0 17.4 26.2#

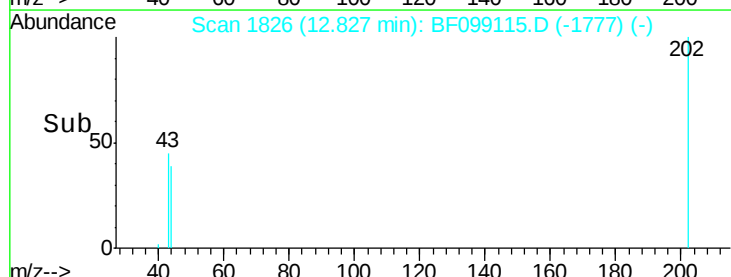
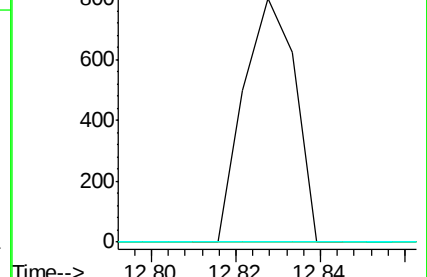
203 0.0 14.3 21.5#

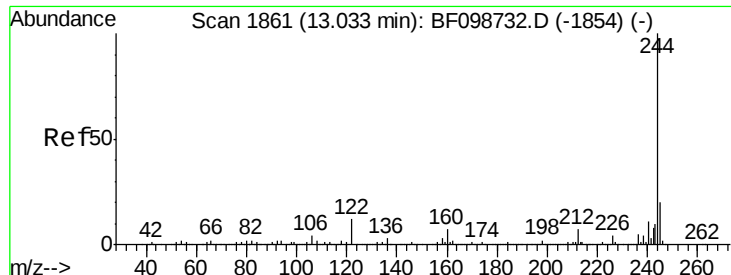


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 0.07 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampleId :

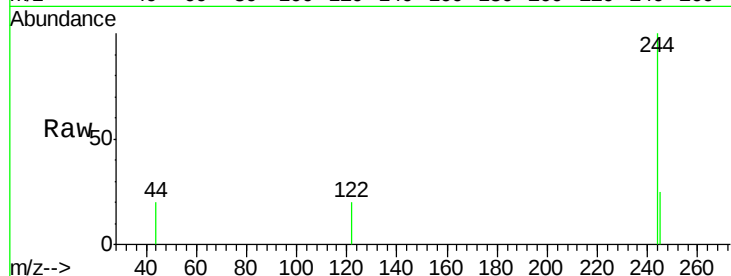
Tot Ion:244 Resp: 1142

Ion Ratio Lower Upper

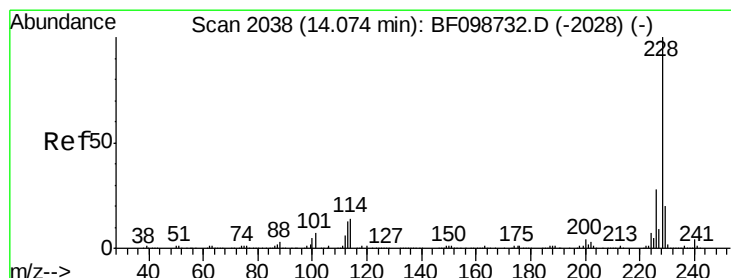
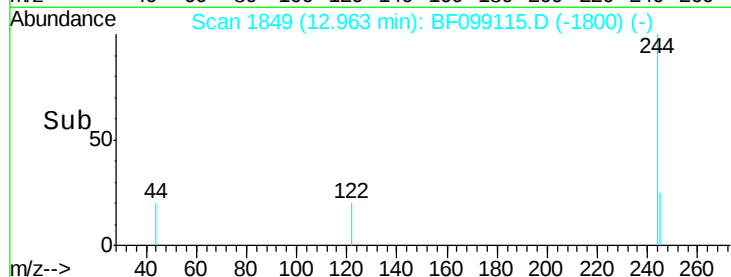
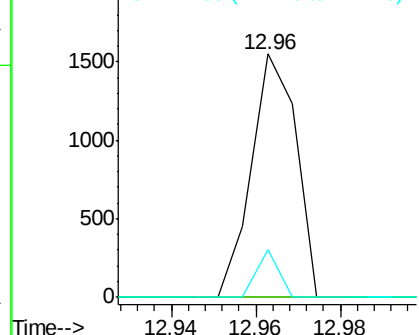
244 100

212 0.0 5.4 8.0#

122 19.6 11.0 16.4#



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



#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

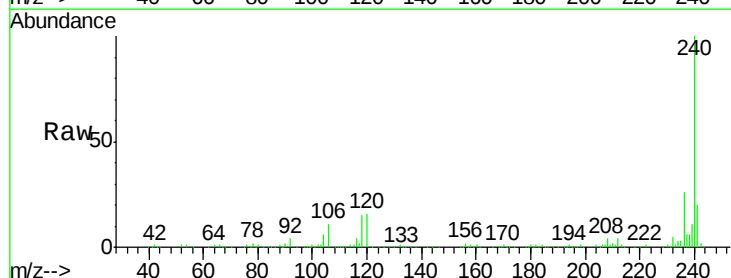
Tgt Ion:228 Resp: 854

Ion Ratio Lower Upper

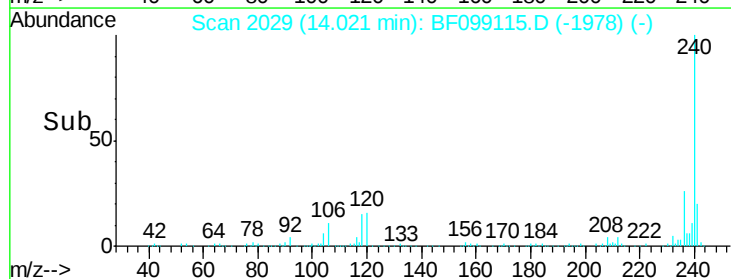
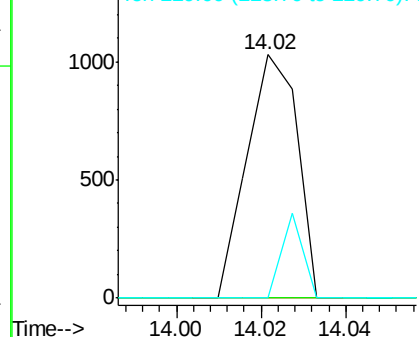
228 100

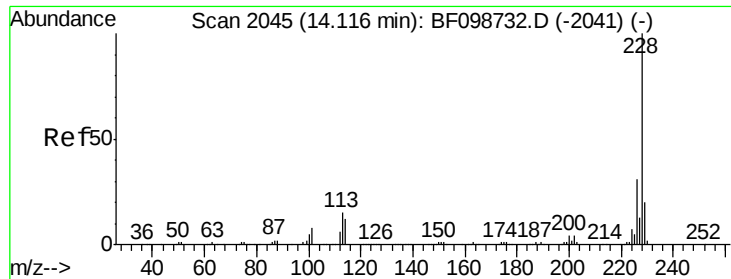
226 0.0 22.6 33.8#

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





#82

Chrysene

Concen: 0.04 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.04 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

Instrument :

BNA_F

ClientSampled :

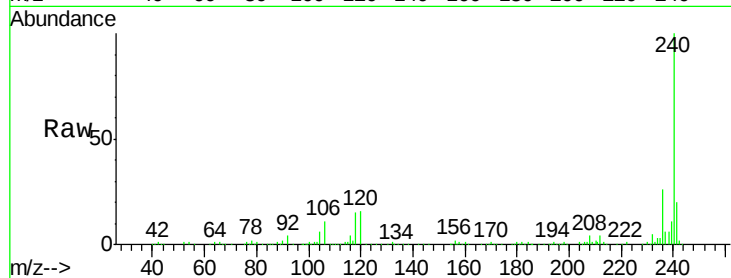
Tot Ion:228 Resp: 854

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.6#

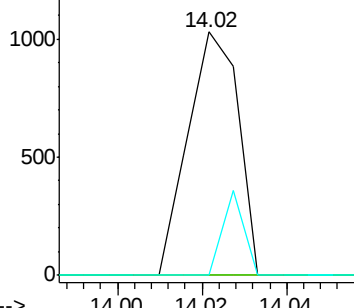
229 0.0 16.2 24.4#



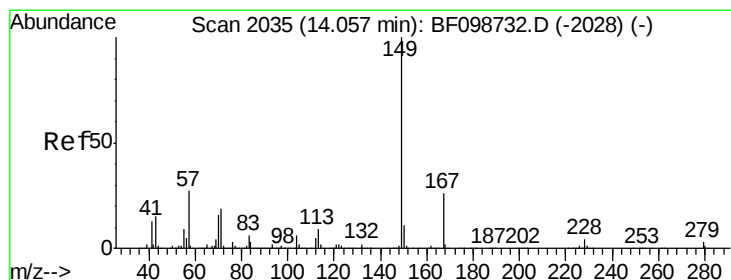
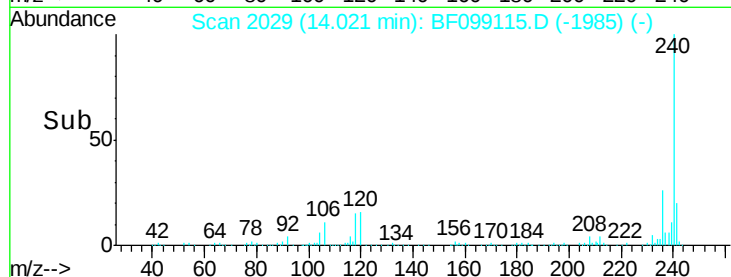
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.04 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099115.D

Acq: 5 Oct 2017 20:45

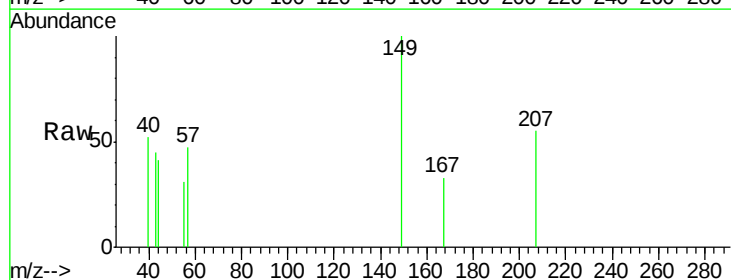
Tgt Ion:149 Resp: 732

Ion Ratio Lower Upper

149 100

167 32.8 21.3 31.9#

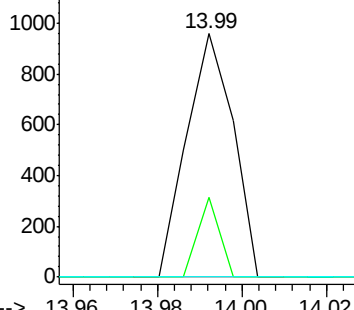
279 0.0 3.0 4.4#



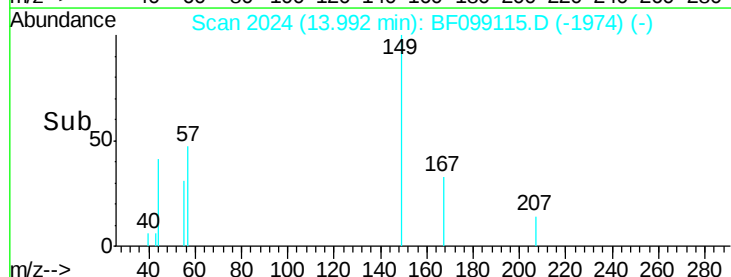
Abundance Ion 149.00 (148.70 to 149.70): E

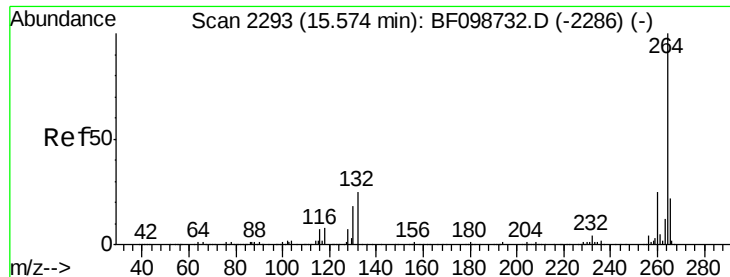
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

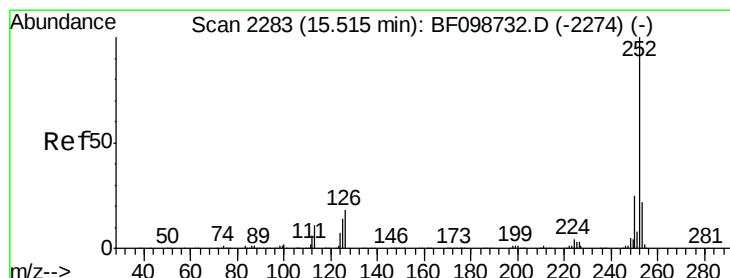
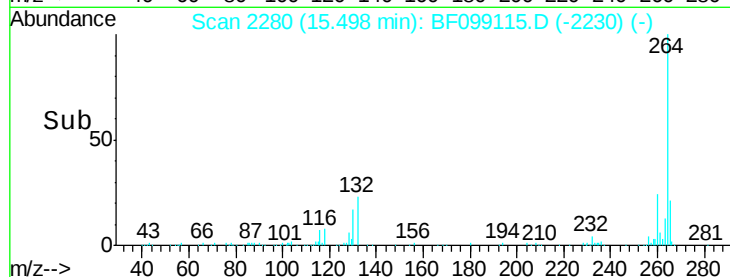
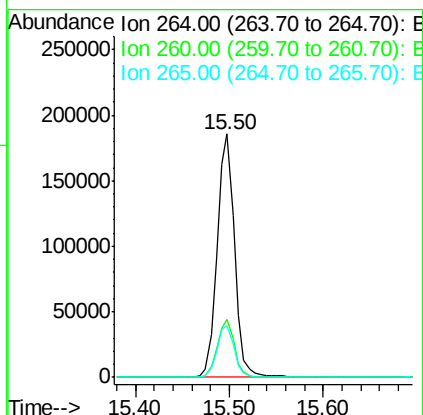
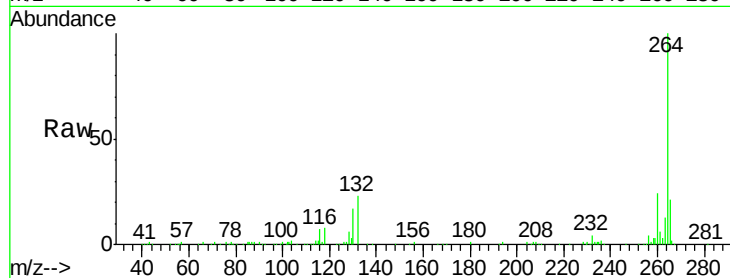




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 241142
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.0 17.5 26.3



#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.05 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:252 Resp: 705
Ion Ratio Lower Upper
252 100
253 0.0 17.1 25.7#
125 0.0 9.8 14.6#

