

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091723.D
 Acq On : 18 Dec 2016 1:12
 Operator : UM/SJ
 Sample : PB95409BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BL

Quant Time: Dec 18 02:57:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	265141	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1152466	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	593082	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1094306	20.00	ng	0.00
75) Chrysene-d12	13.92	240	977103	20.00	ng	-0.01
86) Perylene-d12	15.32	264	914924	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	2078059	131.31	ng	0.01
7) Phenol-d6	6.41	99	2364523	122.51	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1595054	79.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	630546	125.38	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2596501	87.95	ng	-0.01
78) Terphenyl-d14	12.88	244	2486640	64.26	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	369	0.05	ng	# 1
4) n-Nitrosodimethylamine	3.02	42	274	0.03	ng	# 1
6) Aniline	6.43	93	289	0.01	ng	# 56
8) 2-Chlorophenol	6.56	128	477	0.03	ng	# 31
9) Benzaldehyde	6.41	77	3540	Below Cal		# 1
10) Phenol	6.42	94	779	0.04	ng	# 1
11) bis(2-Chloroethyl)ether	6.53	93	2510	0.14	ng	# 1
12) 1,3-Dichlorobenzene	6.93	146	564	0.03	ng	# 1
13) 1,4-Dichlorobenzene	6.93	146	564	0.03	ng	# 1
14) 1,2-Dichlorobenzene	6.93	146	564	0.03	ng	# 1
15) Benzyl Alcohol	6.92	79	24278	1.62	ng	# 40
19) n-Nitroso-di-n-propylamine	7.33	70	214210	16.69	ng	# 75
24) Nitrobenzene	7.33	77	4398	0.20	ng	# 41
45) 1,1'-Biphenyl	9.23	154	5788	0.14	ng	# 88
47) 2-Nitroaniline	9.13	65	4375	0.40	ng	# 1
50) 2,6-Dinitrotoluene	9.80	165	75457	8.88	ng	# 30
51) Acenaphthene	9.80	154	2188	0.06	ng	# 5
56) 2,4-Dinitrotoluene	9.80	165	75460	7.11	ng	# 19
57) Fluorene	10.59	166	25962	0.83	ng	# 87
59) Diethylphthalate	10.22	149	1569	0.04	ng	# 60
62) Azobenzene	10.59	77	2928	0.07	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.59	198	1530	0.21	ng	# 1
65) n-Nitrosodiphenylamine	10.59	169	18448	0.54	ng	# 47
66) 4-Bromophenyl-phenylether	10.59	248	37402	3.26	ng	# 1
70) Phenanthrene	11.29	178	399	0.01	ng	# 1
71) Anthracene	11.29	178	399	0.01	ng	# 1
72) Carbazole	11.53	167	217	0.00	ng	# 58
73) Di-n-butylphthalate	11.86	149	1272	0.02	ng	# 76
74) Fluoranthene	12.49	202	1014	0.02	ng	# 61
77) Pyrene	12.73	202	1130	0.02	ng	# 56
79) Butylbenzylphthalate	13.34	149	608	0.02	ng	# 75
80) Benzo(a)anthracene	13.94	228	8642	0.15	ng	# 90
82) Chrysene	13.94	228	8642	0.15	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.92	149	4203	0.10	ng	# 91

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
Data File : BF091723.D
Acq On : 18 Dec 2016 1:12
Operator : UM/SJ
Sample : PB95409BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95409BL

Quant Time: Dec 18 02:57:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

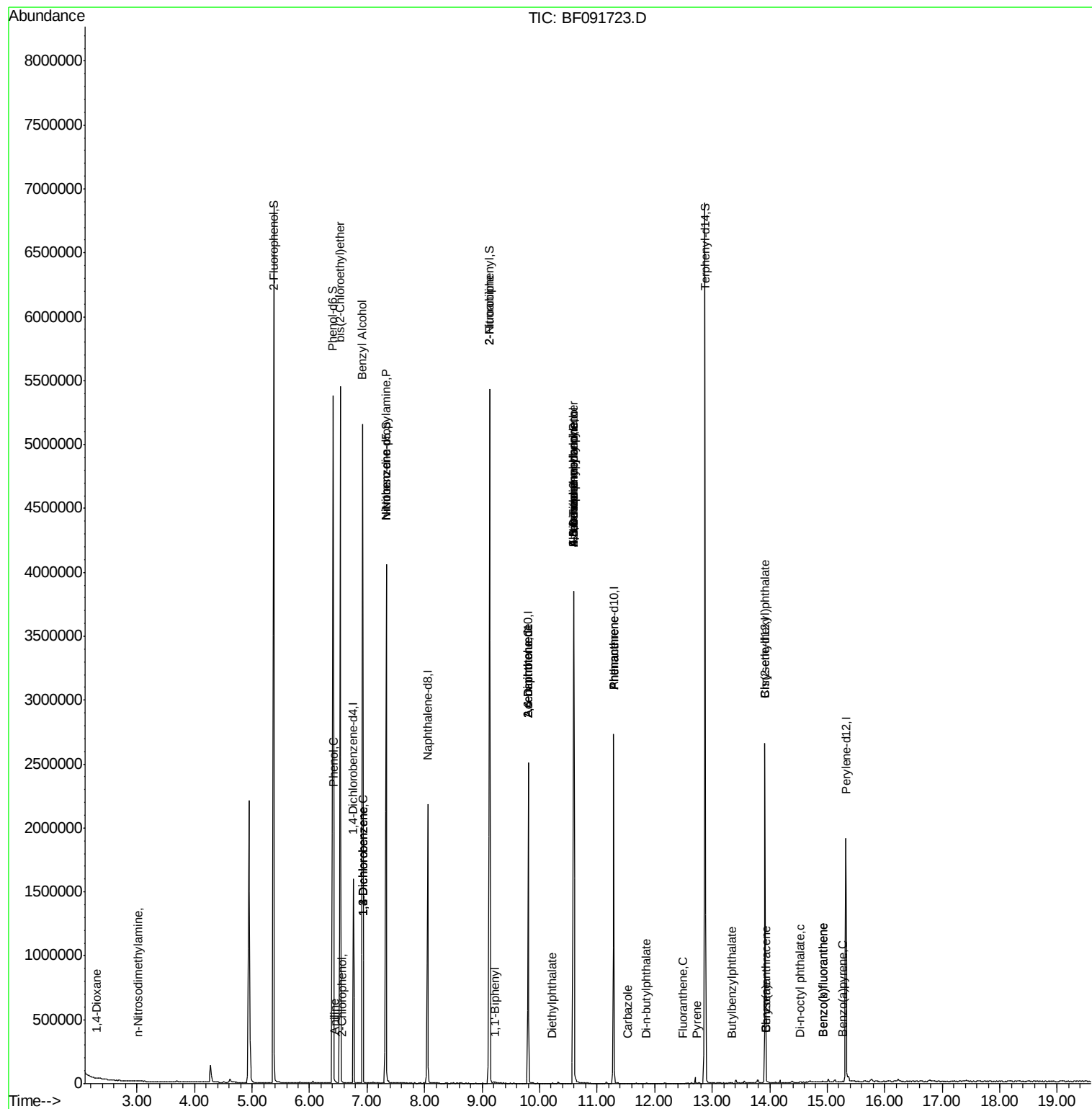
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.52	149	2728	0.04	ng	# 90
87) Benzo(b)fluoranthene	14.92	252	4023	0.07	ng	# 76
88) Benzo(k)fluoranthene	14.92	252	4023	0.10	ng	# 76
89) Benzo(a)pyrene	15.27	252	721	0.01	ng	# 58

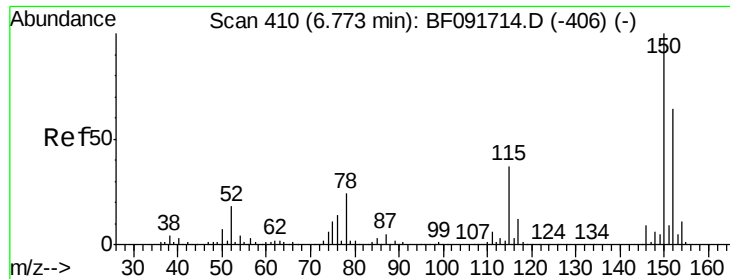
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
Data File : BF091723.D
Acq On : 18 Dec 2016 1:12
Operator : UM/SJ
Sample : PB95409BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95409BL

Quant Time: Dec 18 02:57:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

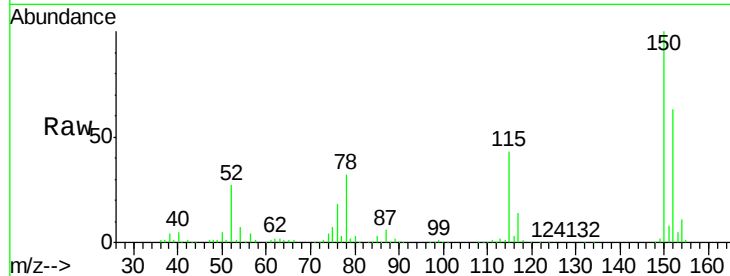




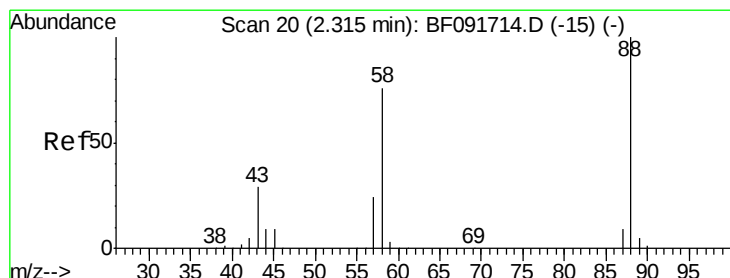
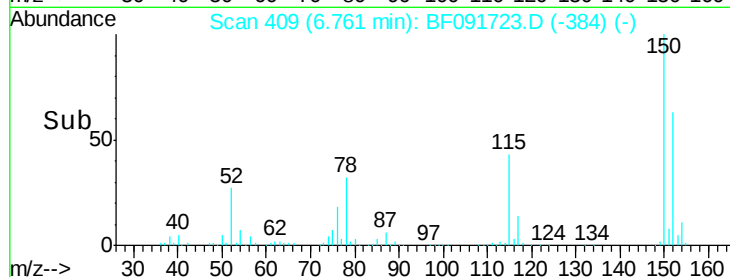
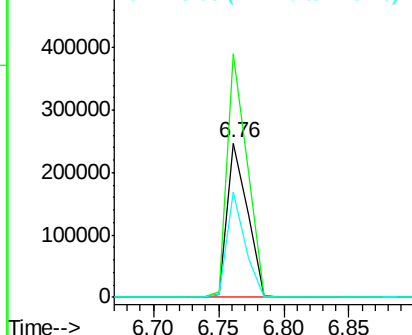
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Instrument :
 BNA_F
 ClientSampled :
 PB95409BL

Tgt Ion: 152 Resp: 265141
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.9 187.3
 115 68.1 46.0 69.0

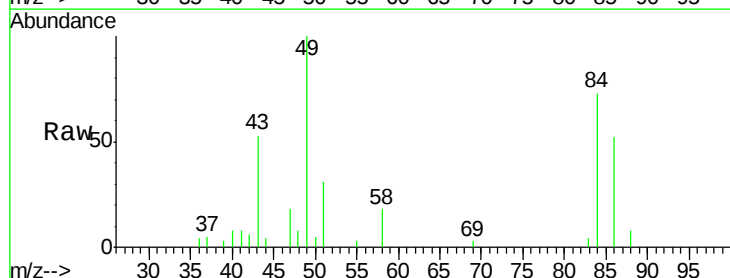


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

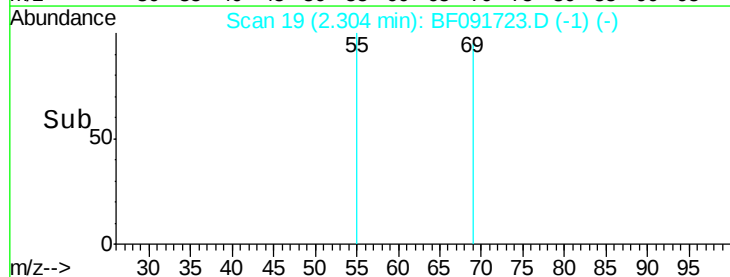
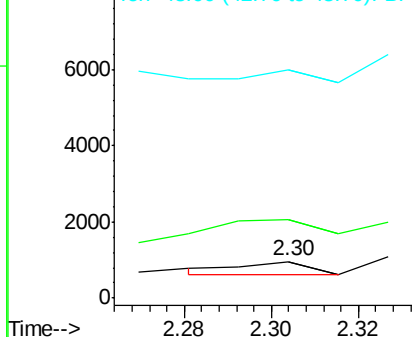


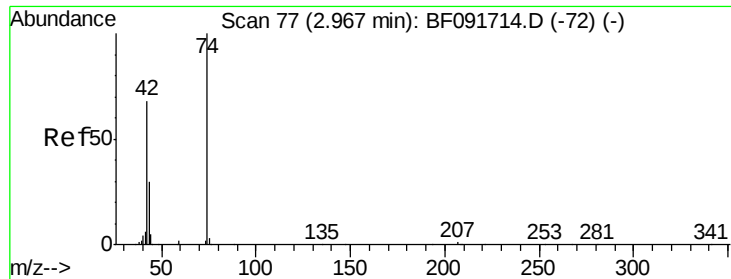
#2
 1,4-Dioxane
 Concen: 0.05 ng
 RT: 2.30 min Scan# 19
 Delta R.T. -0.01 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Tgt Ion: 88 Resp: 369
 Ion Ratio Lower Upper
 88 100
 58 450.4 57.8 86.8#
 43 0.0 22.3 33.5#



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





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.06 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

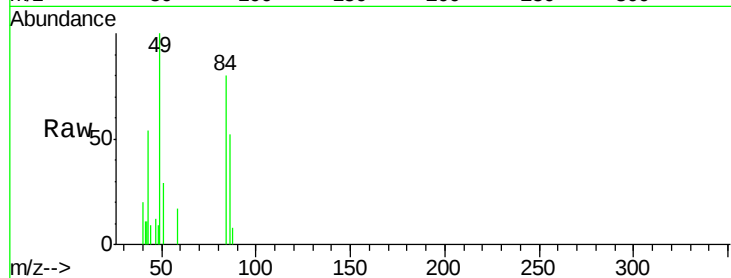
Tgt Ion: 42 Resp: 274

Ion Ratio Lower Upper

42 100

74 0.0 117.0 175.4#

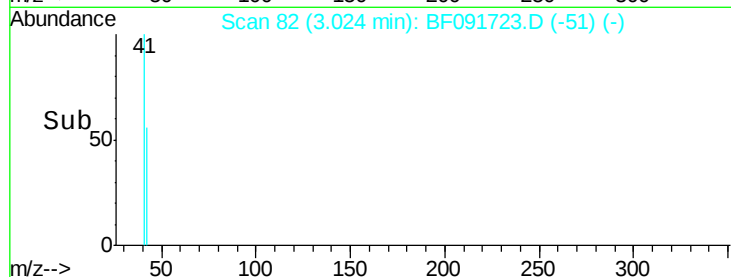
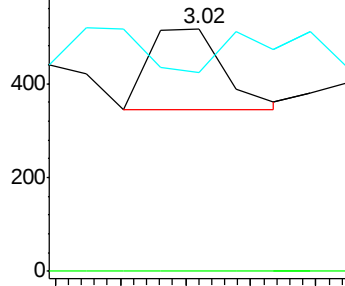
44 81.7 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 131.31 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

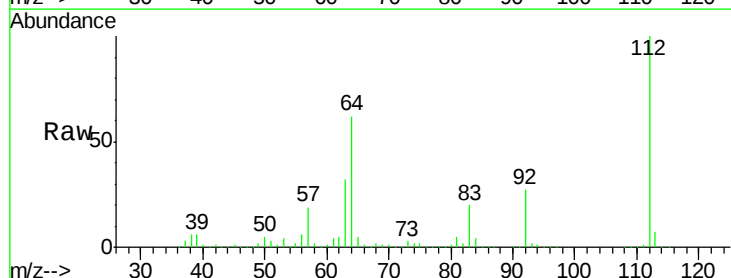
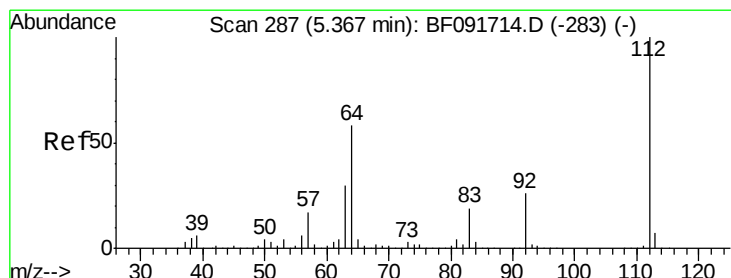
Tgt Ion: 112 Resp: 2078059

Ion Ratio Lower Upper

112 100

64 62.2 46.1 69.1

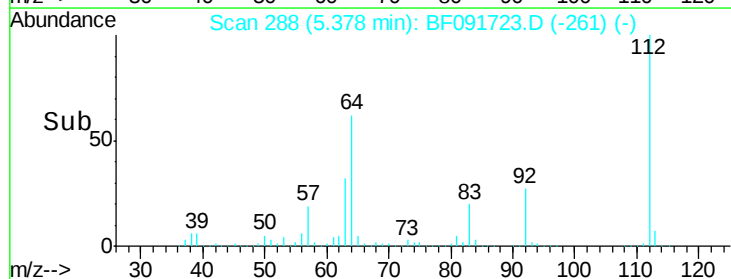
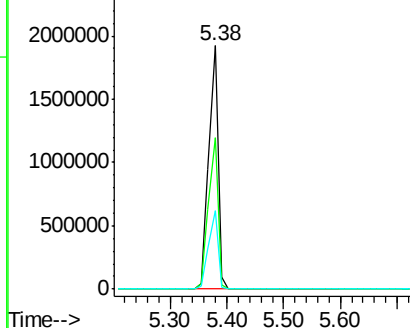
63 32.0 23.8 35.6

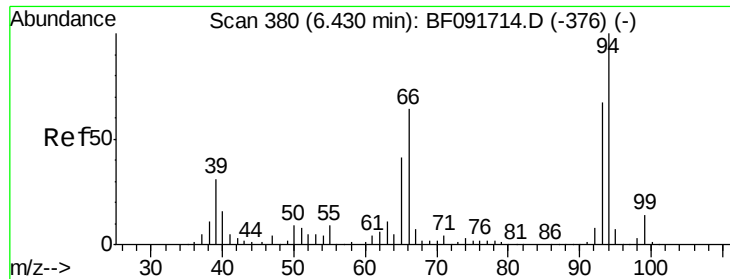


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.01 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

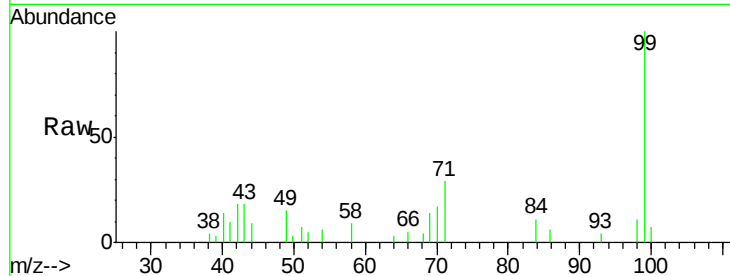
Tgt Ion: 93 Resp: 289

Ion Ratio Lower Upper

93 100

66 115.4 76.2 114.2#

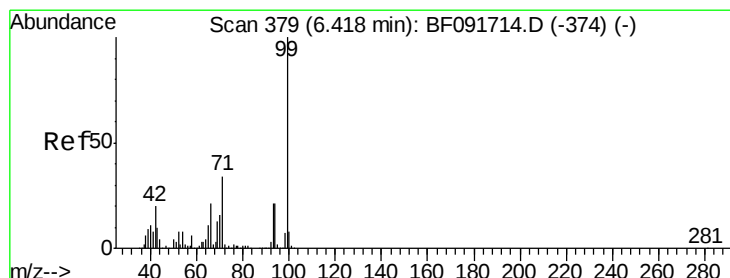
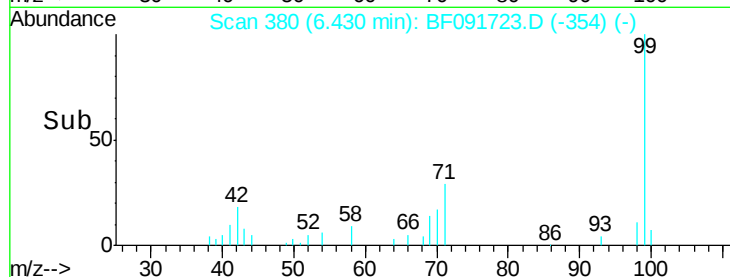
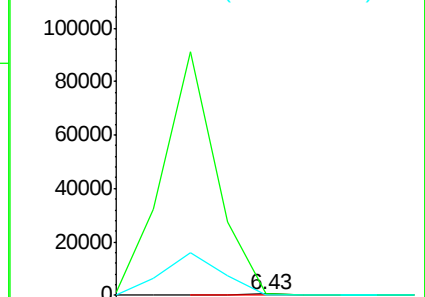
65 0.0 49.3 73.9#



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: 122.51 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

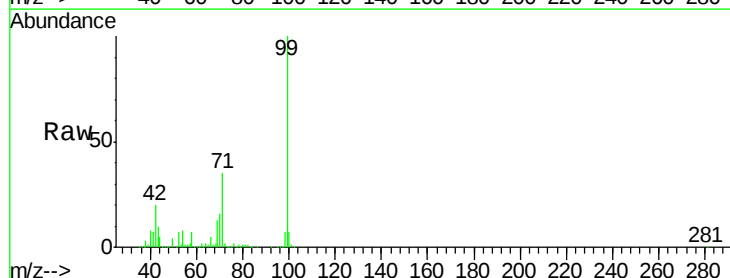
Tgt Ion: 99 Resp: 2364523

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

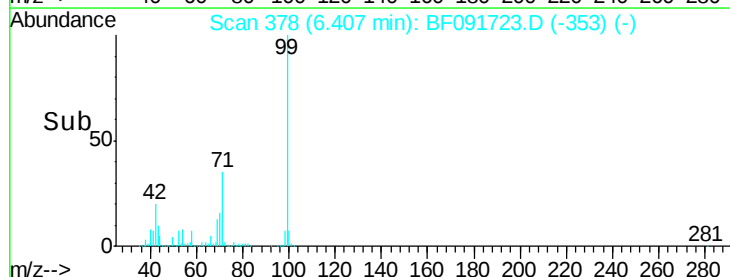
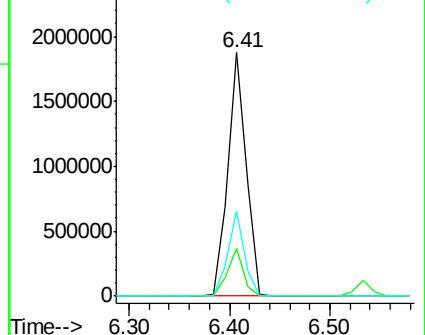
71 35.0 27.5 41.3

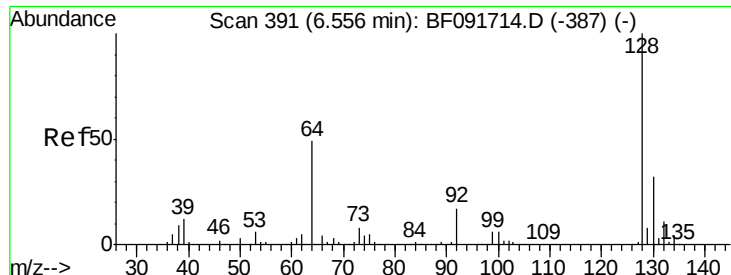


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

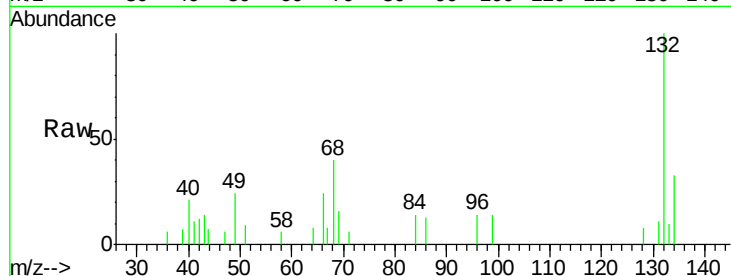
Tgt Ion:128 Resp: 477

Ion Ratio Lower Upper

128 100

130 0.0 12.3 52.3#

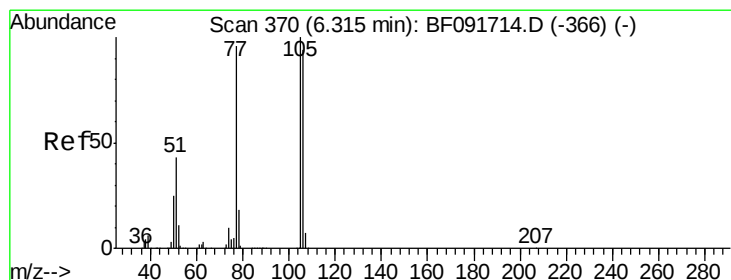
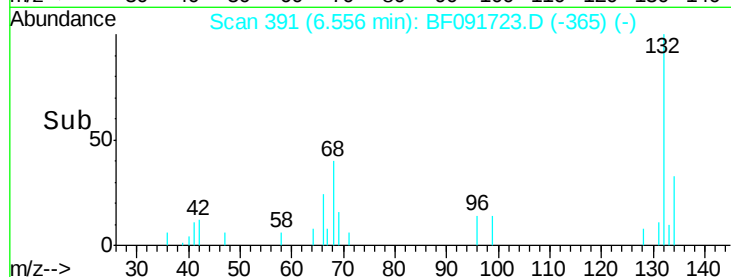
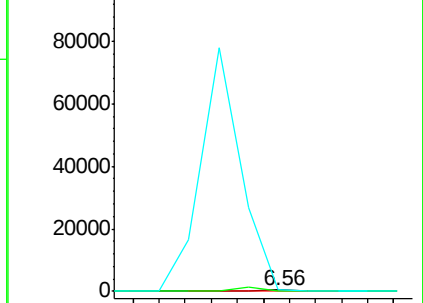
64 105.3 32.2 72.2#



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: Below Cal

RT: 6.41 min Scan# 378

Delta R.T. 0.09 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

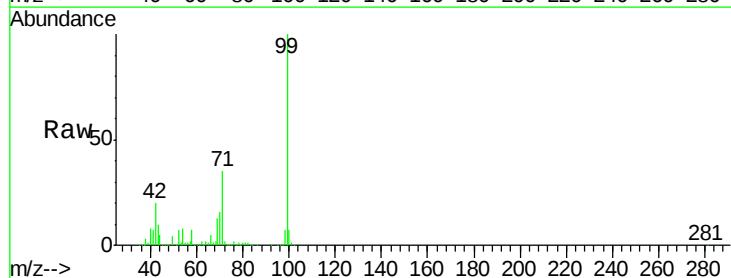
Tgt Ion: 77 Resp: 3540

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

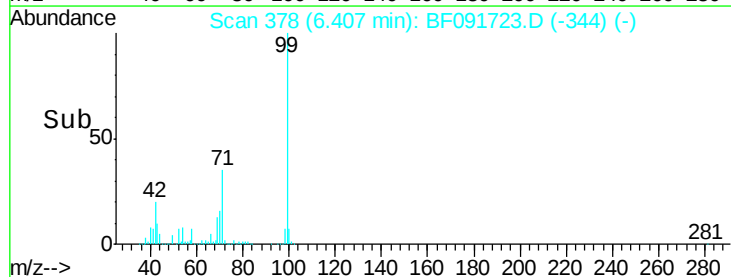
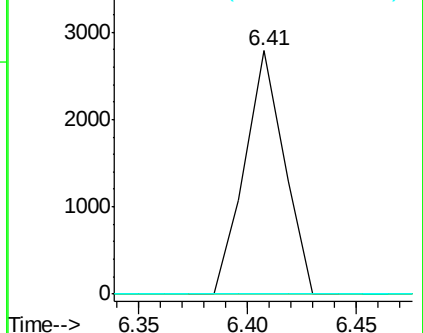
106 0.0 77.6 117.6#

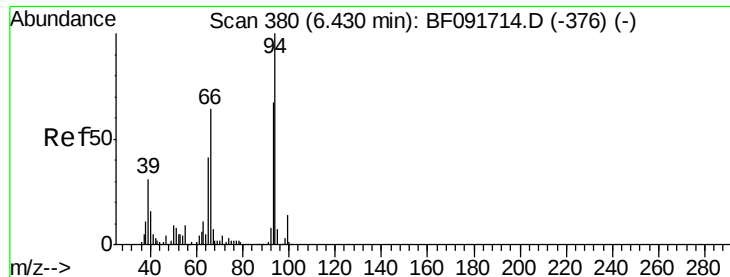


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.04 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

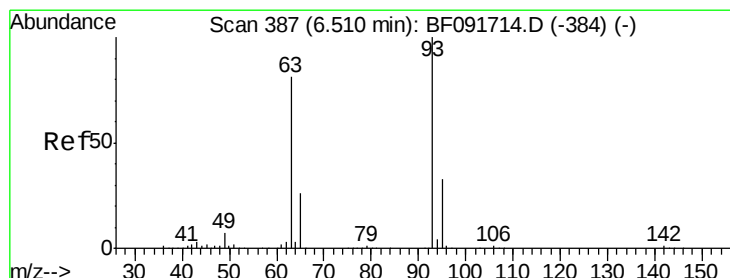
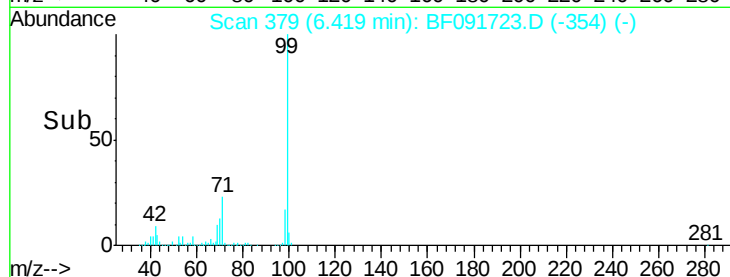
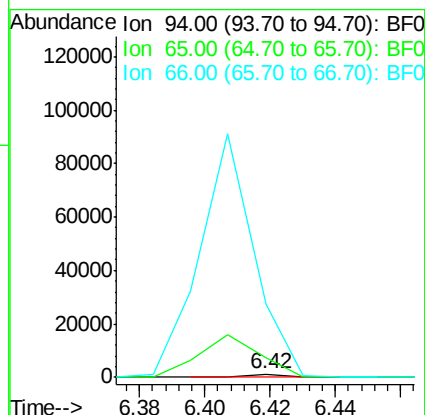
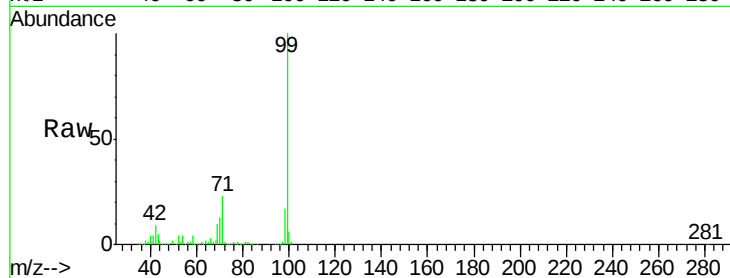
Tgt Ion: 94 Resp: 779

Ion Ratio Lower Upper

94 100

65 643.8 21.4 61.4#

66 2413.4 44.0 84.0#



#11

bis(2-Chloroethyl)ether

Concen: 0.14 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

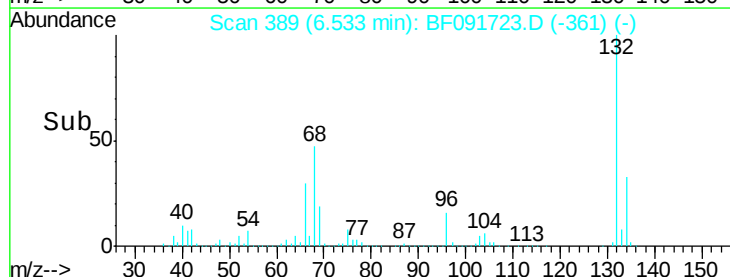
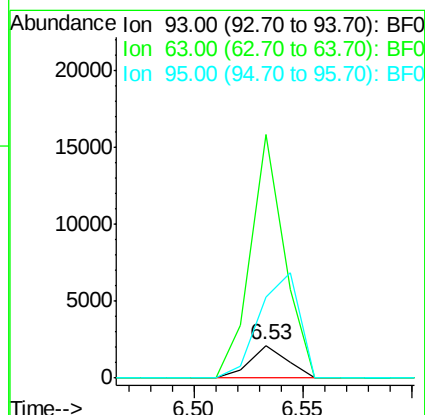
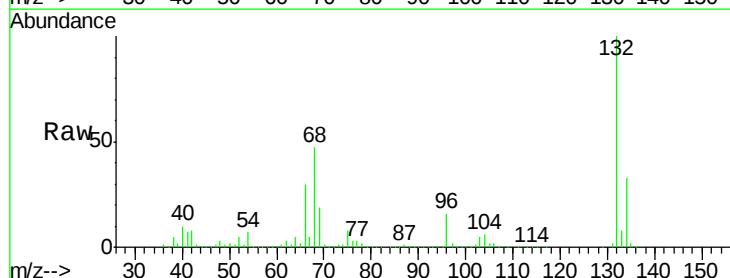
Tgt Ion: 93 Resp: 2510

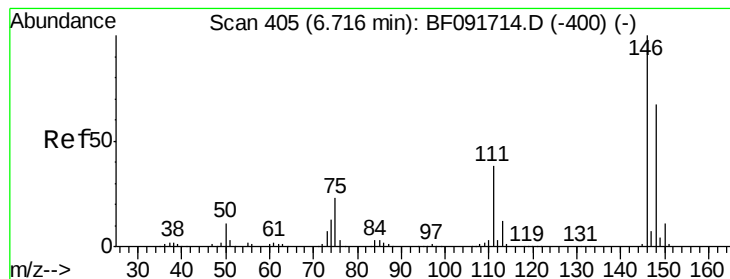
Ion Ratio Lower Upper

93 100

63 739.0 60.4 100.4#

95 244.6 12.8 52.8#





#12

1,3-Dichlorobenzene

Concen: 0.03 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.22 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

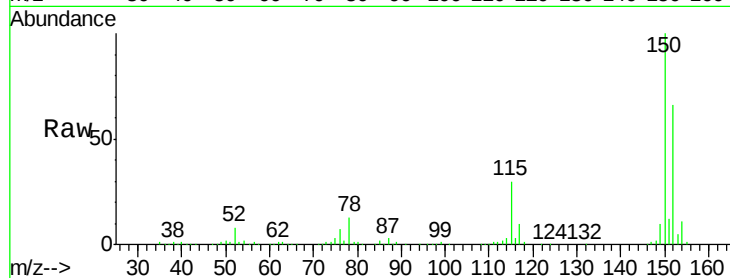
Tgt Ion:146 Resp: 564

Ion Ratio Lower Upper

146 100

148 714.6 53.4 80.0#

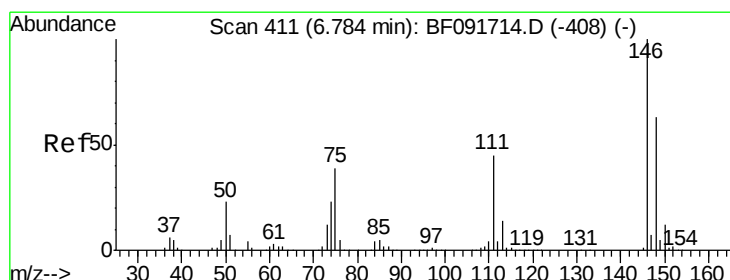
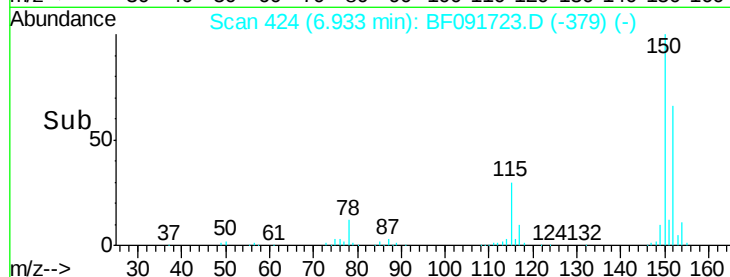
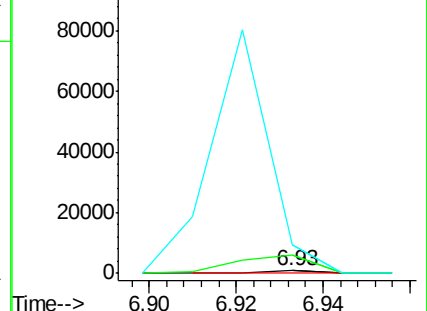
75 1153.2 18.5 27.7#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 0.03 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.15 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

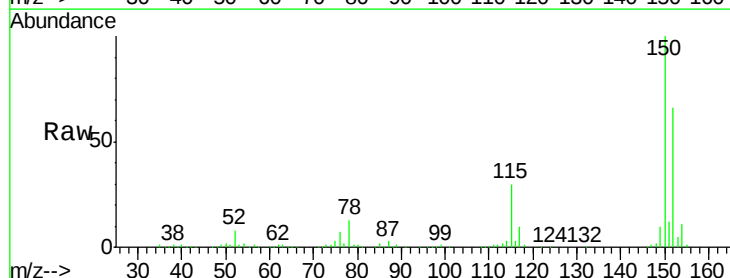
Tgt Ion:146 Resp: 564

Ion Ratio Lower Upper

146 100

148 714.6 50.6 76.0#

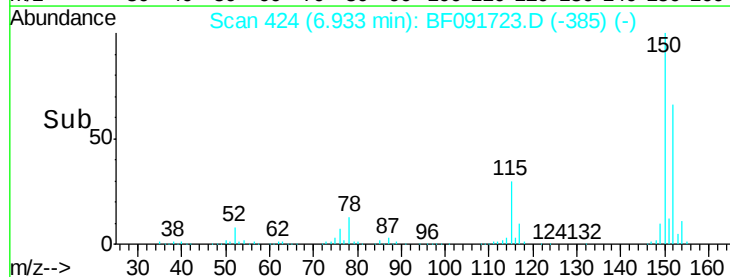
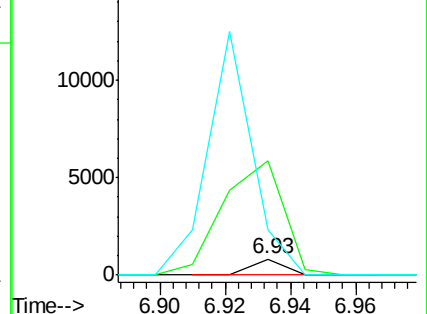
111 284.1 36.2 54.4#

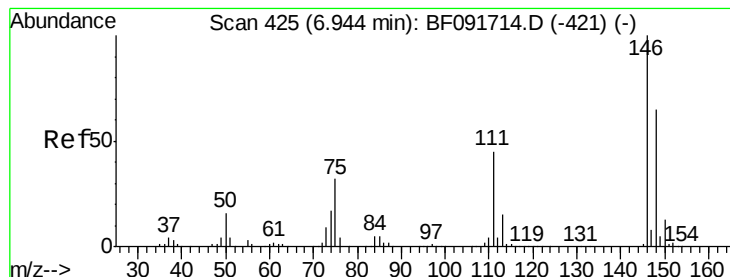


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

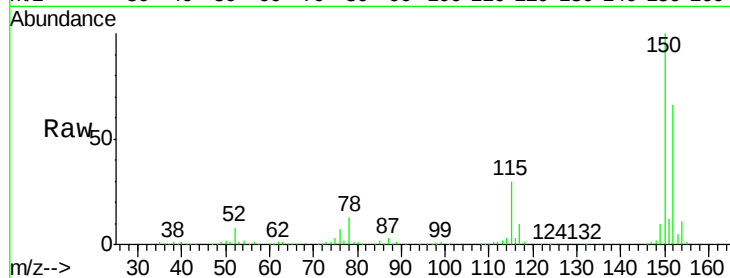




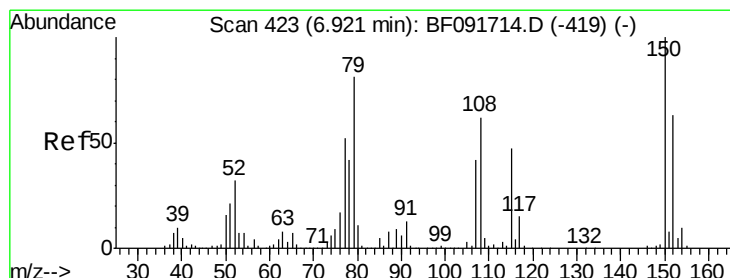
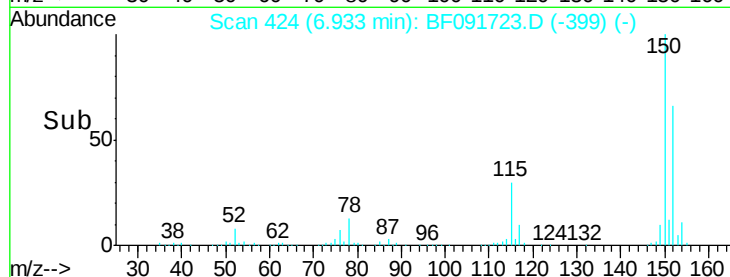
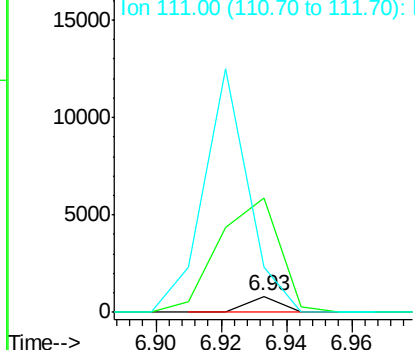
#14
 1,2-Dichlorobenzene
 Concen: 0.03 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BL

Tgt Ion: 146 Resp: 564
 Ion Ratio Lower Upper
 146 100
 148 714.6 52.2 78.2#
 111 284.1 36.2 54.2#

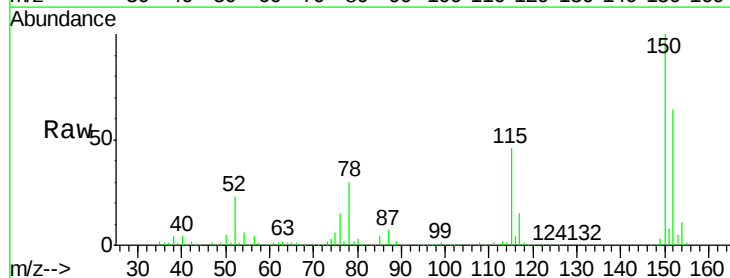


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

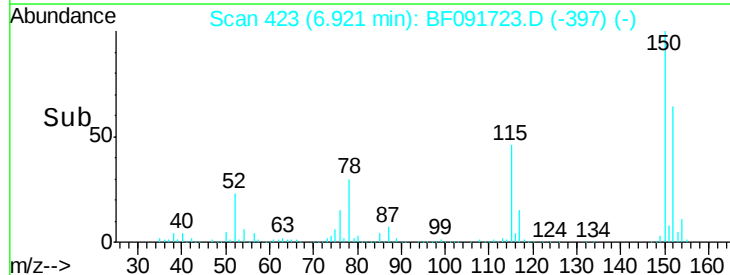
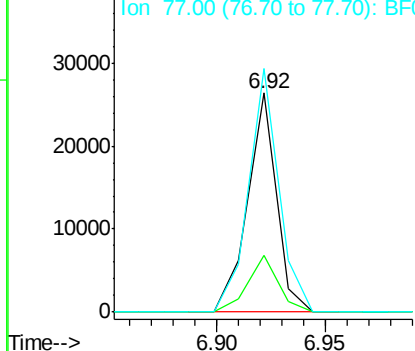


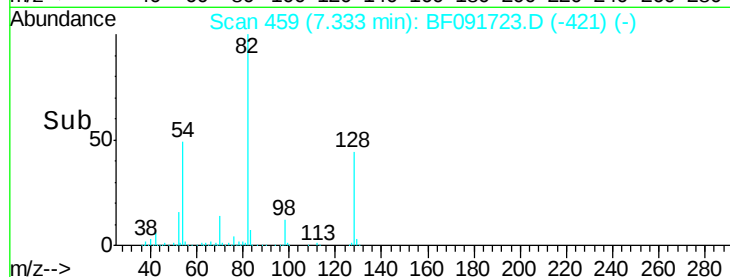
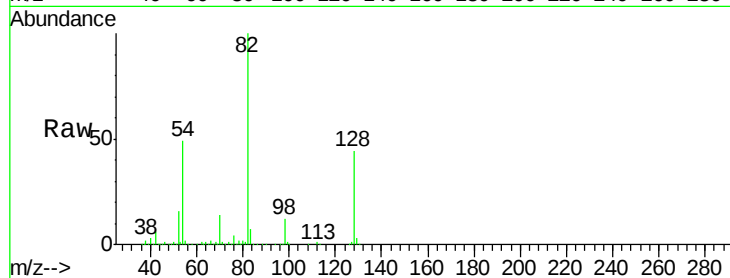
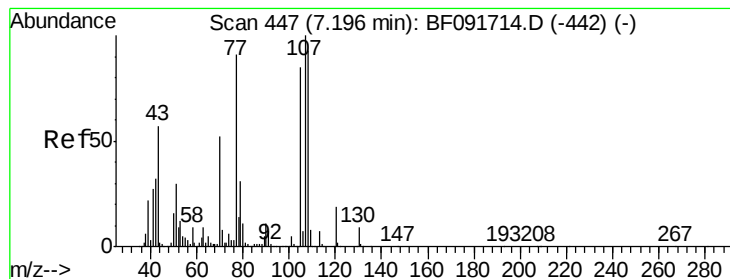
#15
 Benzyl Alcohol
 Concen: 1.62 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Tgt Ion: 79 Resp: 24278
 Ion Ratio Lower Upper
 79 100
 108 26.1 61.4 92.0#
 77 111.1 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.69 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

Tgt Ion: 70 Resp: 214210

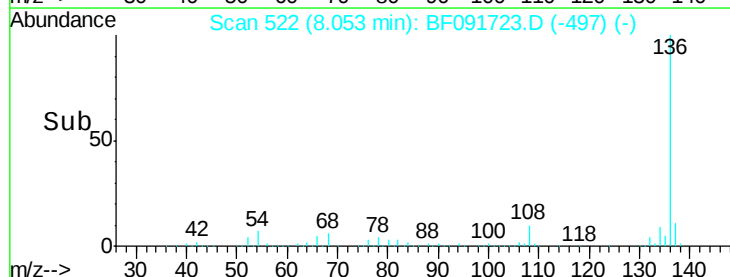
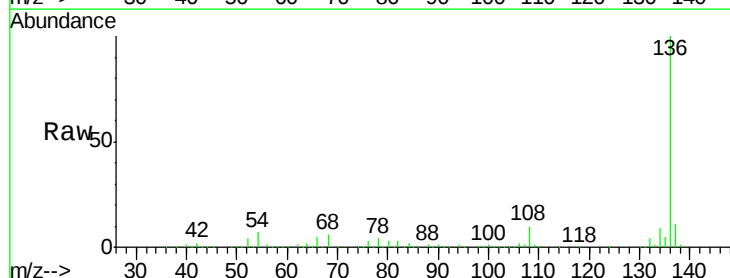
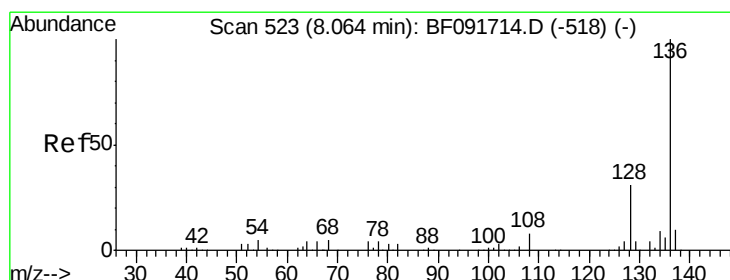
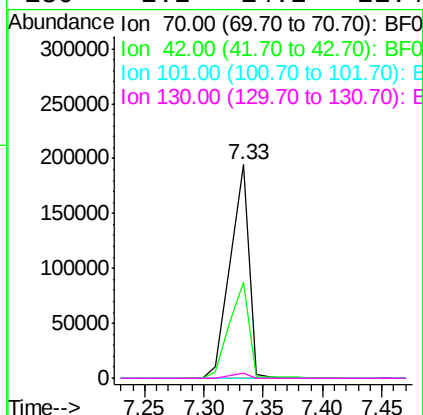
Ion Ratio Lower Upper

70 100

42 45.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Tgt Ion: 136 Resp: 1152466

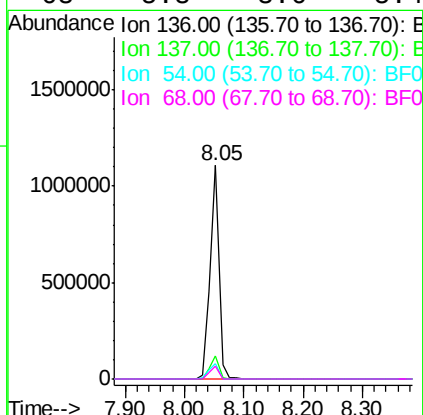
Ion Ratio Lower Upper

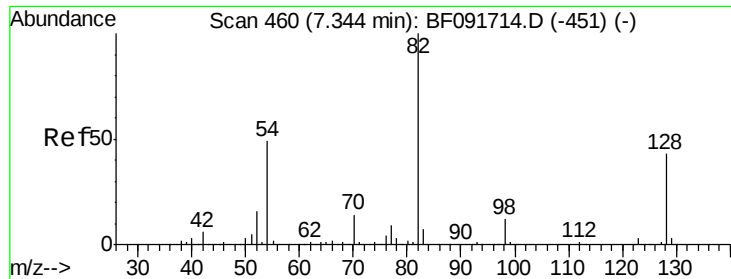
136 100

137 10.9 8.4 12.6

54 7.3 4.5 6.7#

68 5.8 3.6 5.4#

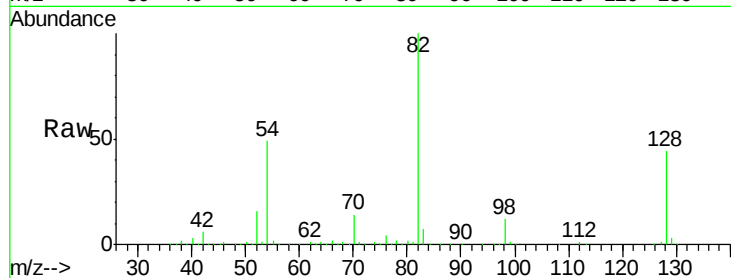




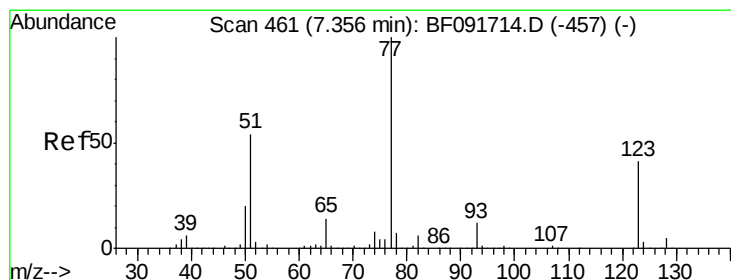
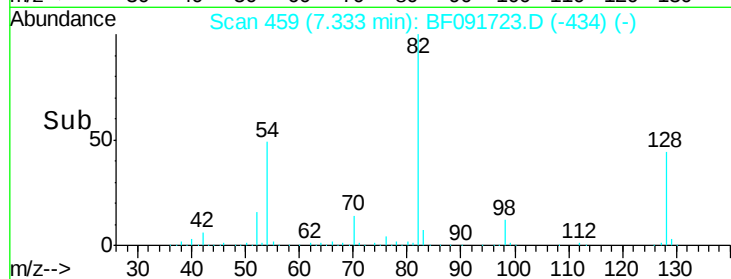
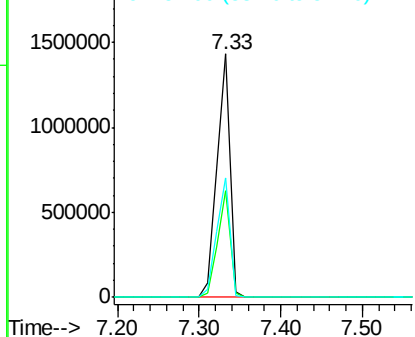
#23
 Nitrobenzene-d5
 Concen: 79.81 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BL

Tgt Ion: 82 Resp: 1595054
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.6 52.0
 54 49.0 39.5 59.3

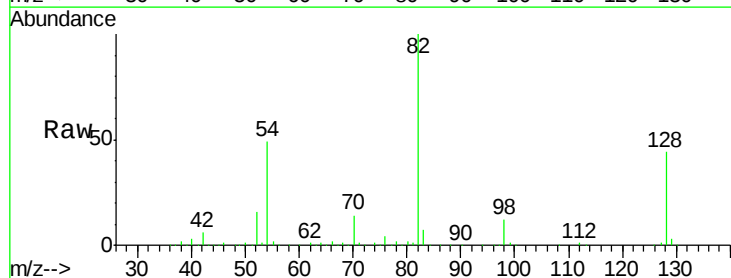


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

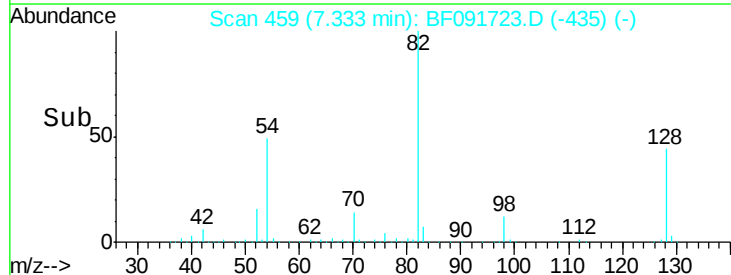
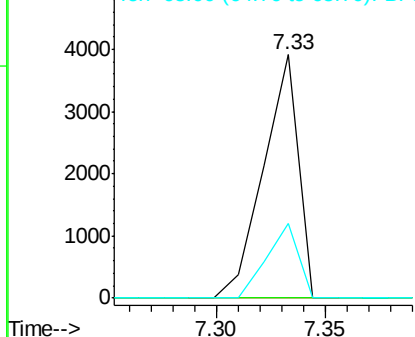


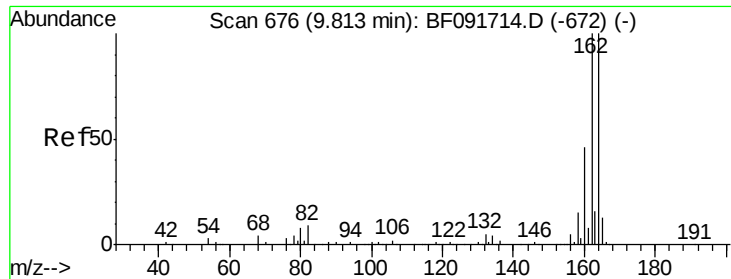
#24
 Nitrobenzene
 Concen: 0.20 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Tgt Ion: 77 Resp: 4398
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.4#
 65 30.6 11.2 16.8#



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

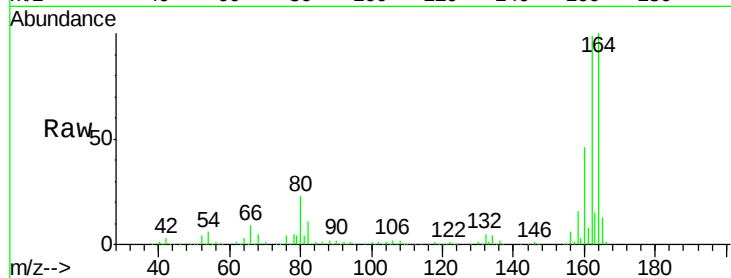




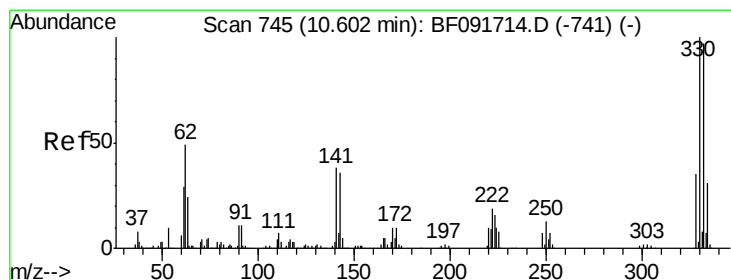
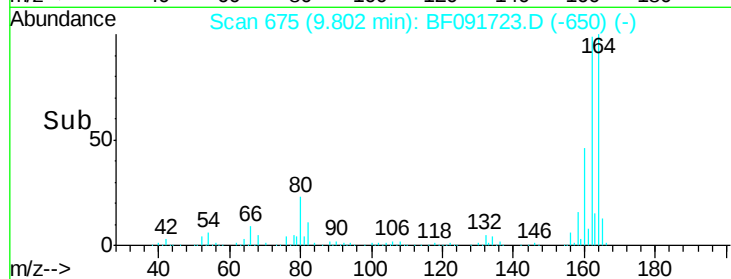
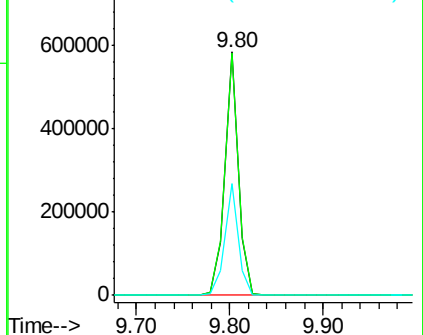
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091723.D
Acq: 18 Dec 2016 1:12

Instrument :
BNA_F
ClientSampleId :
PB95409BL

Tgt Ion:164 Resp: 593082
Ion Ratio Lower Upper
164 100
162 99.3 80.2 120.2
160 45.7 36.9 55.3

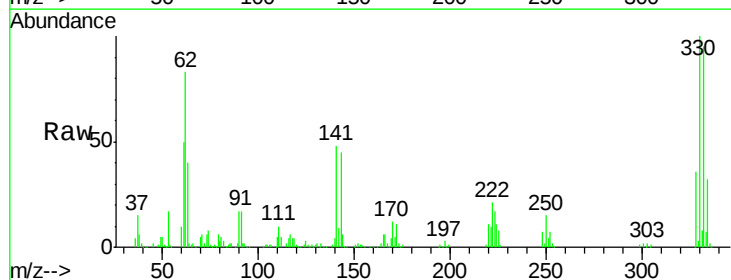


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

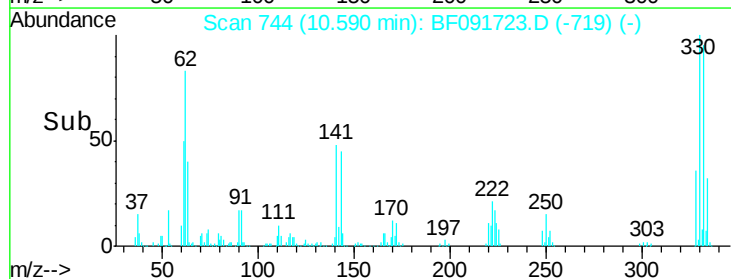
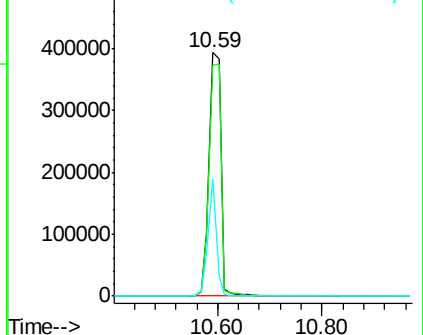


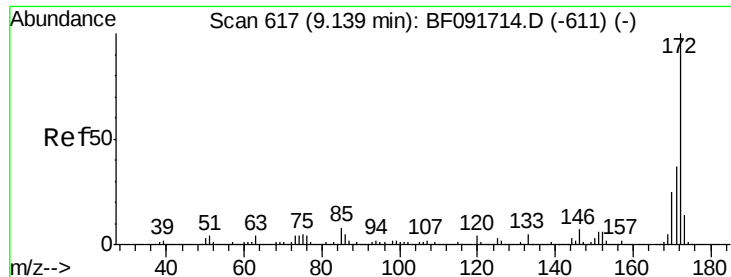
#41
2,4,6-Tribromophenol
Concen: 125.38 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091723.D
Acq: 18 Dec 2016 1:12

Tgt Ion:330 Resp: 630546
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 33.3 34.1 51.1#



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

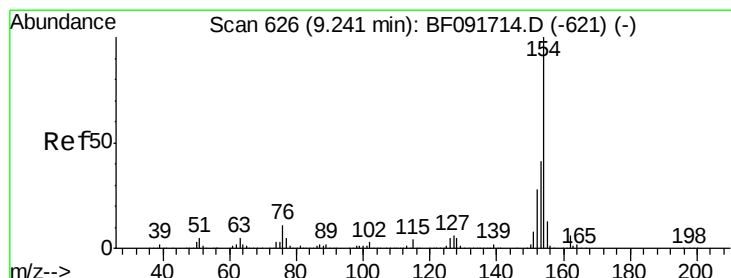
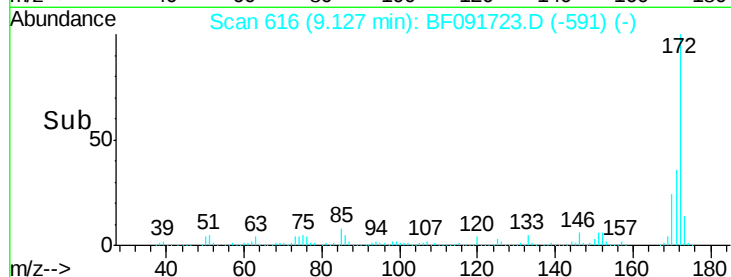
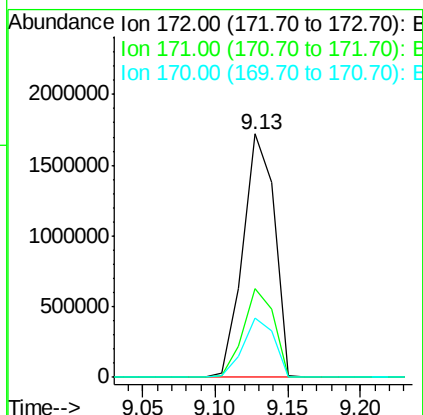
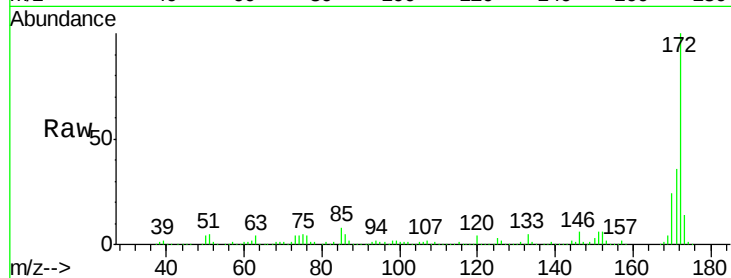




#44
 2-Fluorobiphenyl
 Concen: 87.95 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

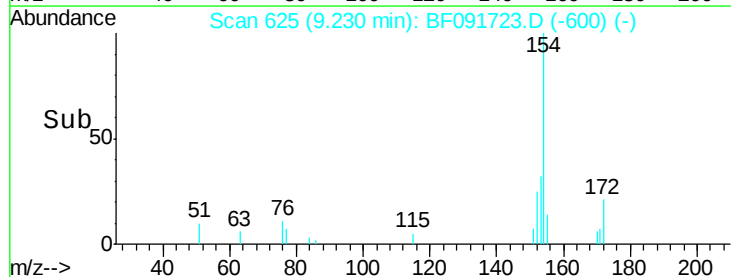
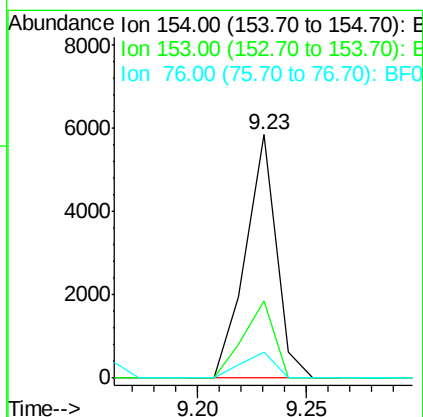
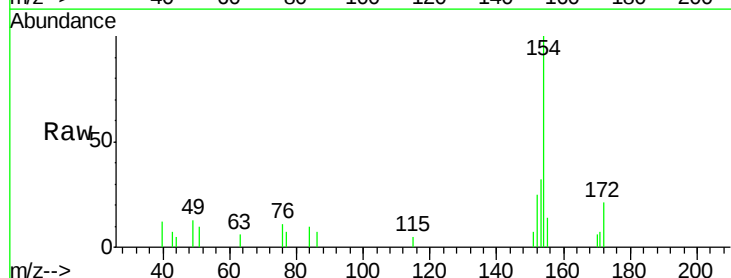
Instrument :
 BNA_F
 ClientSampleId :
 PB95409BL

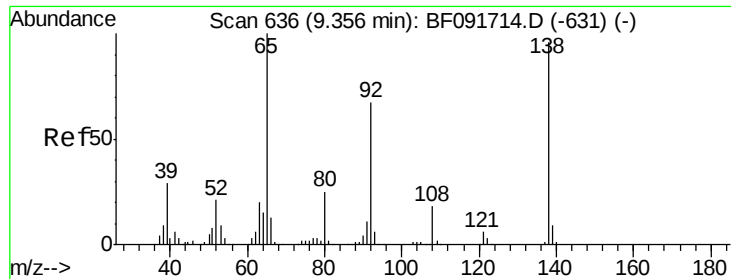
Tgt Ion:172 Resp: 2596501
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.4 20.2 30.4



#45
 1,1'-Biphenyl
 Concen: 0.14 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Tgt Ion:154 Resp: 5788
 Ion Ratio Lower Upper
 154 100
 153 31.6 20.9 60.9
 76 10.8 0.0 30.5

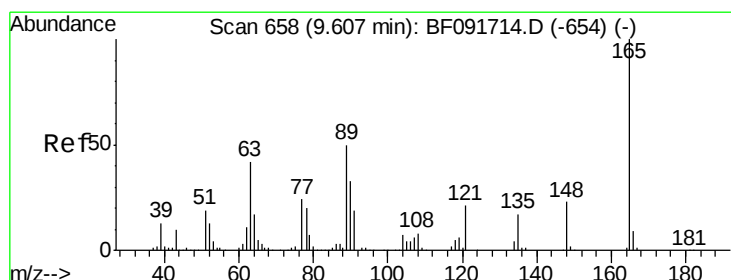
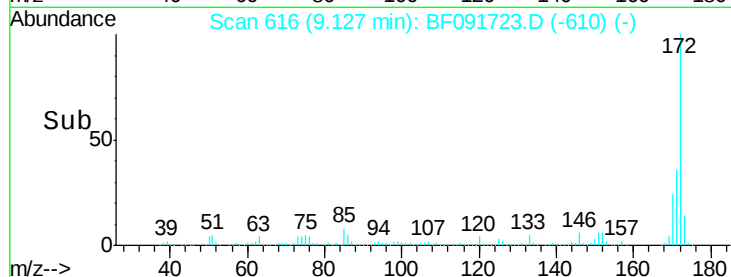
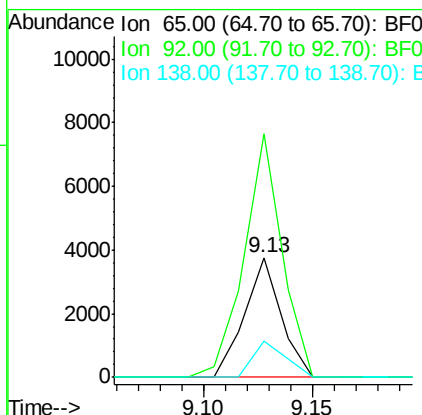
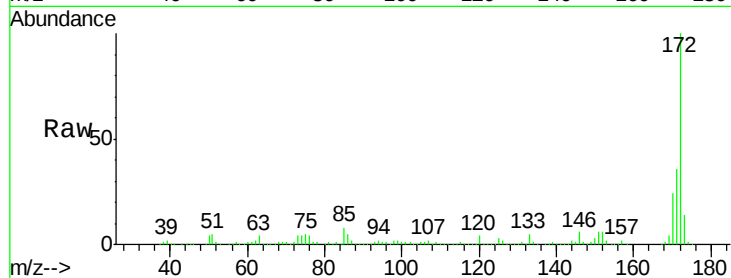




#47
 2-Nitroaniline
 Concen: 0.40 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.23 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

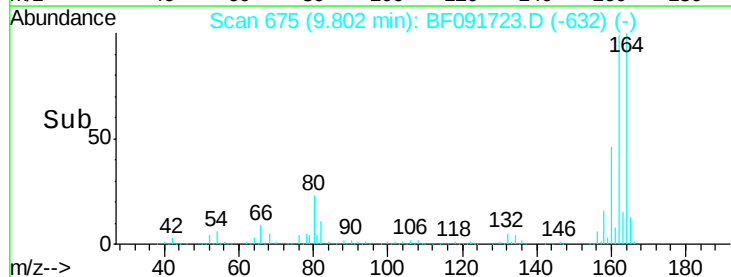
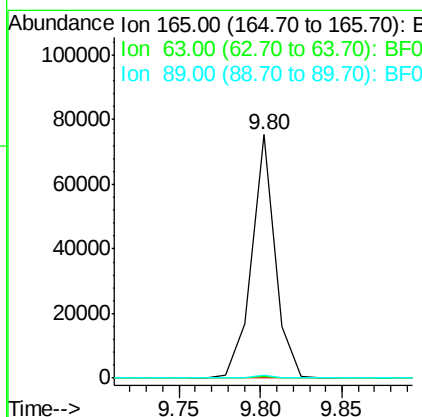
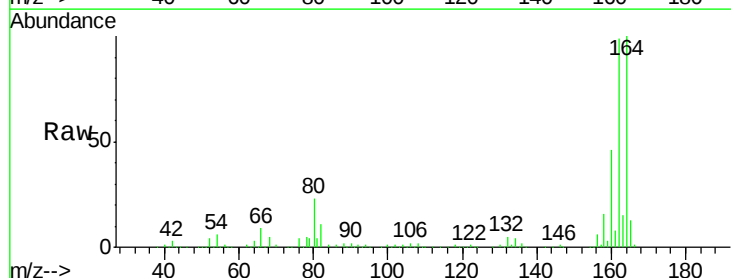
Instrument :
 BNA_F
 ClientSampleId :
 PB95409BL

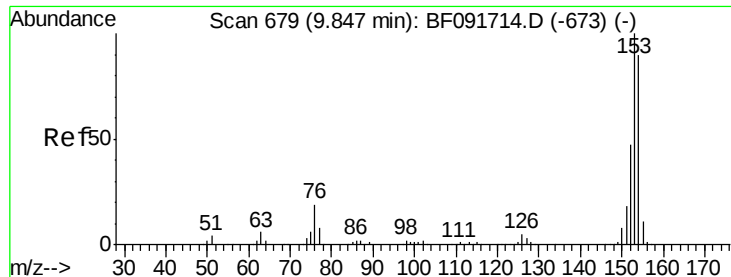
Tgt Ion: 65 Resp: 4375
 Ion Ratio Lower Upper
 65 100
 92 203.3 53.9 80.9#
 138 30.5 76.8 115.2#



#50
 2,6-Dinitrotoluene
 Concen: 8.88 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Tgt Ion: 165 Resp: 75457
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 1.0 40.2 60.4#





#51

Acenaphthene

Concen: 0.06 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

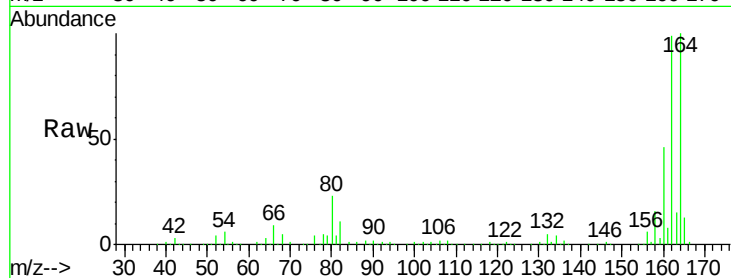
Tgt Ion:154 Resp: 2188

Ion Ratio Lower Upper

154 100

153 0.0 88.6 133.0#

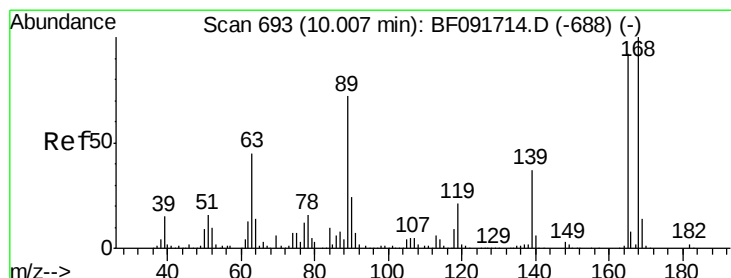
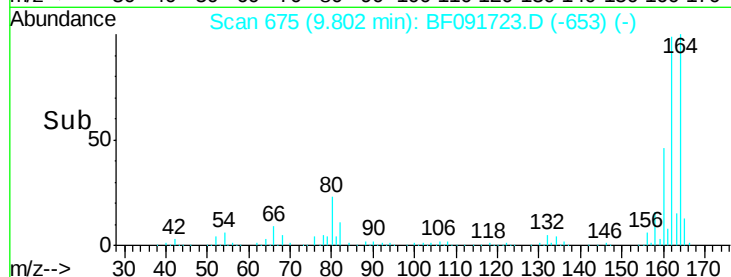
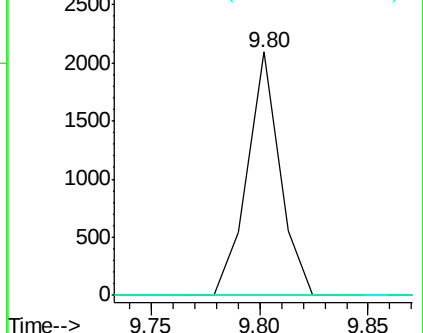
152 0.0 41.6 62.4#



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



#56

2,4-Dinitrotoluene

Concen: 7.11 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Tgt Ion:165 Resp: 75460

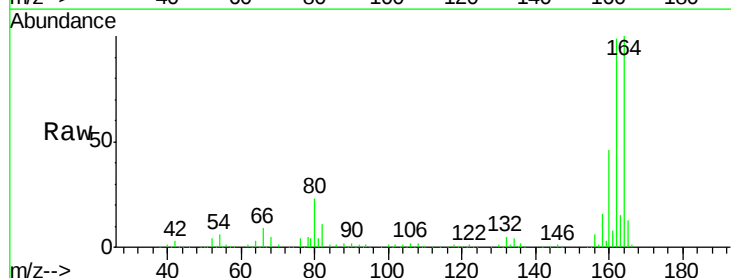
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

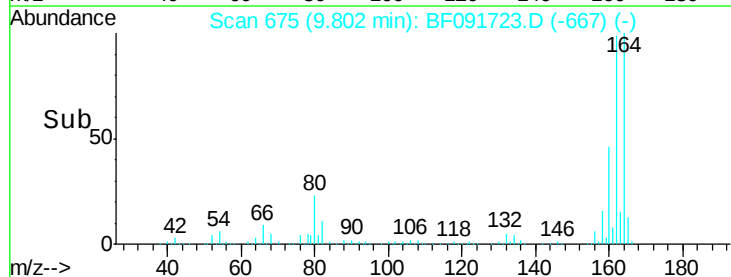
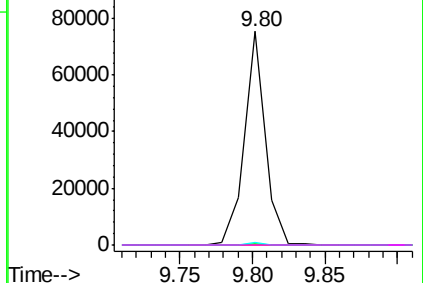


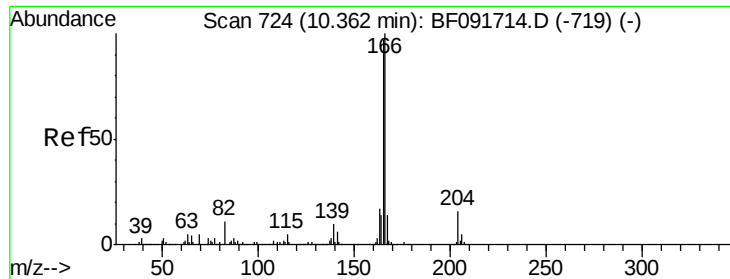
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.83 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.23 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

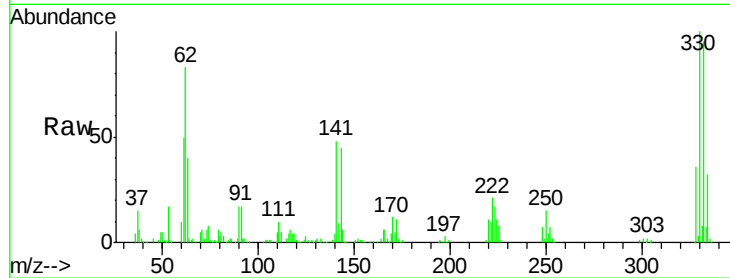
Tgt Ion:166 Resp: 25962

Ion Ratio Lower Upper

166 100

165 105.3 77.8 116.8

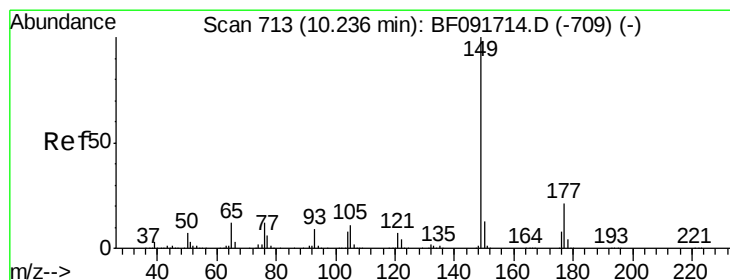
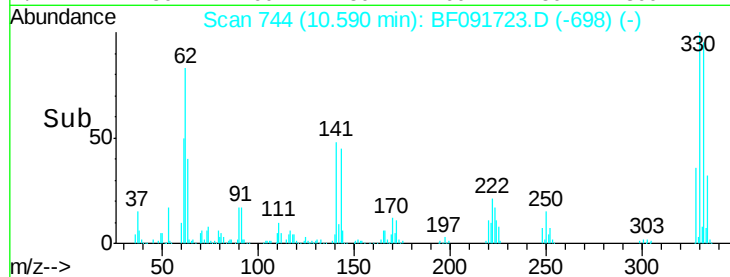
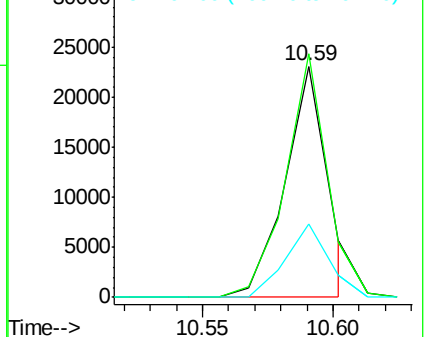
167 31.8 10.8 16.2#



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: 0.04 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

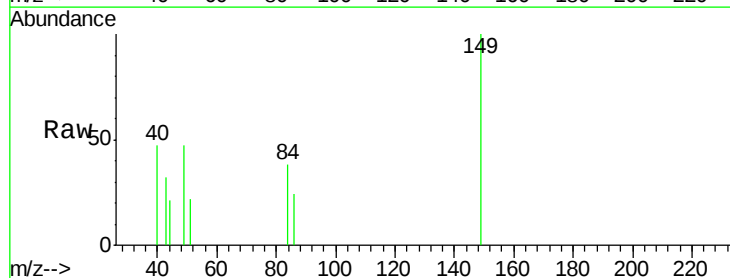
Tgt Ion:149 Resp: 1569

Ion Ratio Lower Upper

149 100

177 0.0 16.6 25.0#

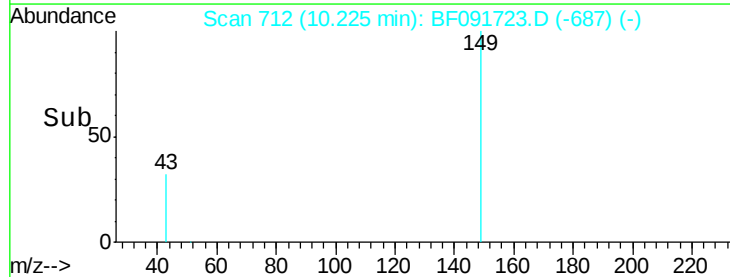
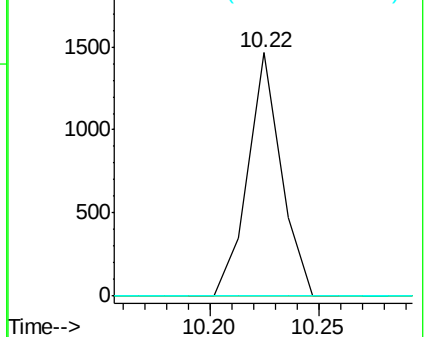
150 0.0 10.4 15.6#

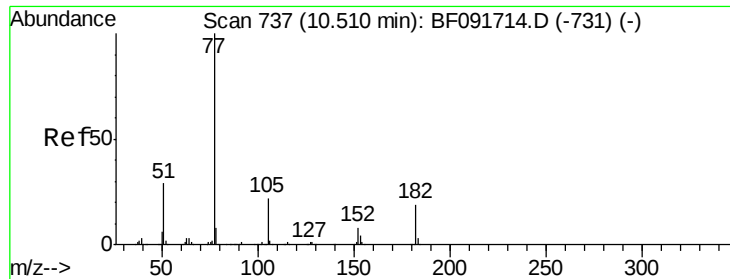


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

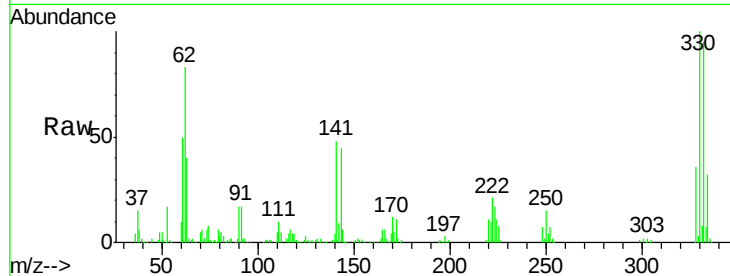




#62
Azobenzene
Concen: 0.07 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.08 min
Lab File: BF091723.D
Acq: 18 Dec 2016 1:12

Instrument :
BNA_F
ClientSampleId :
PB95409BL

Tgt Ion:	77	Resp:	2928
Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	39.3
105	74.7	2.3	42.3#
51	73.1	8.9	48.9#

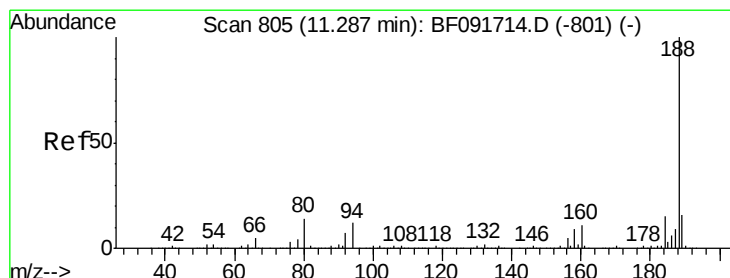
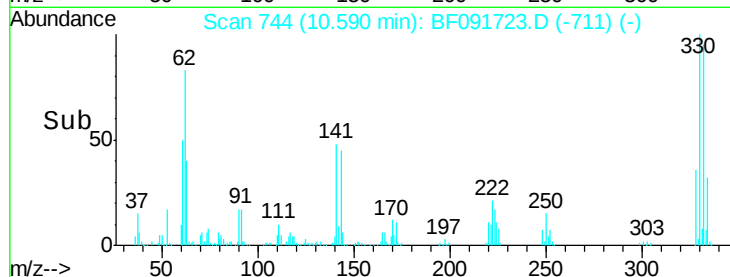
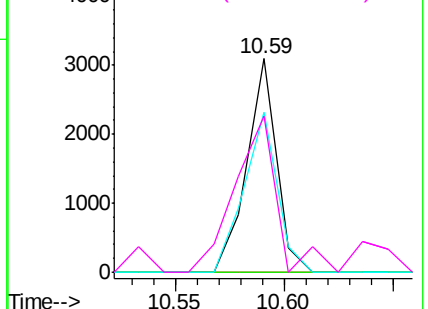


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

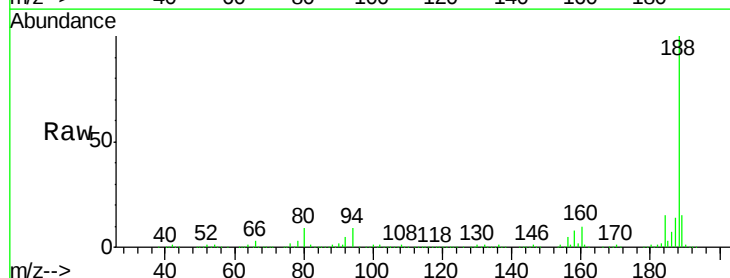
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091723.D
Acq: 18 Dec 2016 1:12

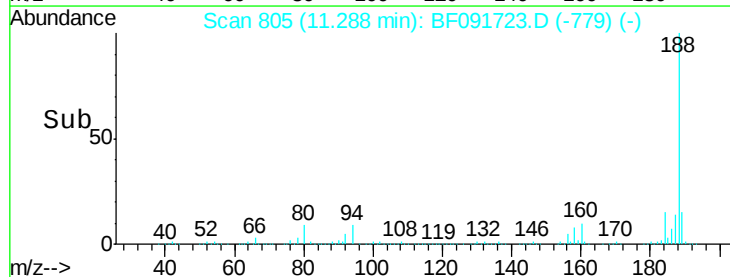
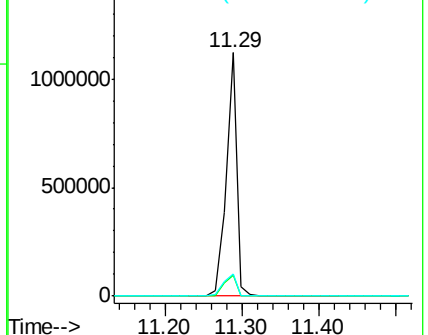
Tgt Ion:	188	Resp:	1094306
Ion	Ratio	Lower	Upper
188	100		
94	8.7	10.0	15.0#
80	9.3	11.2	16.8#

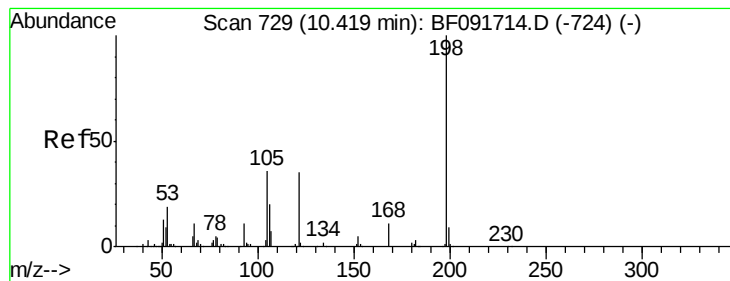


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 0.21 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.17 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

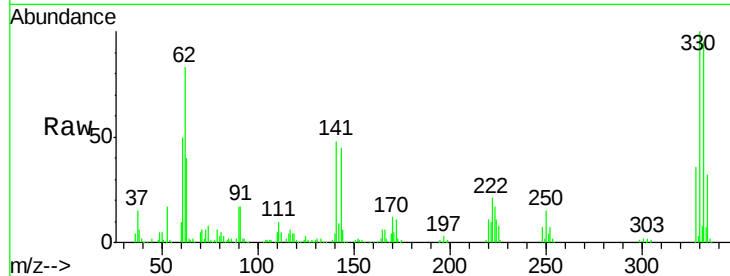
Tgt Ion:198 Resp: 1530

Ion Ratio Lower Upper

198 100

51 168.6 6.7 46.7#

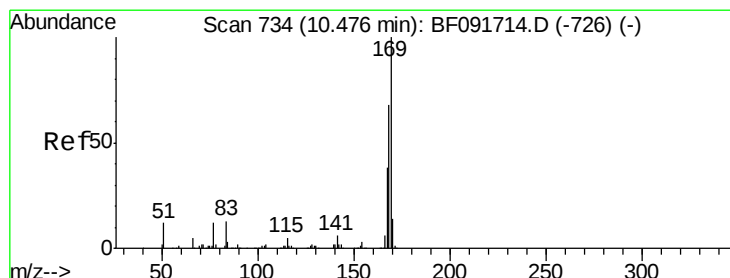
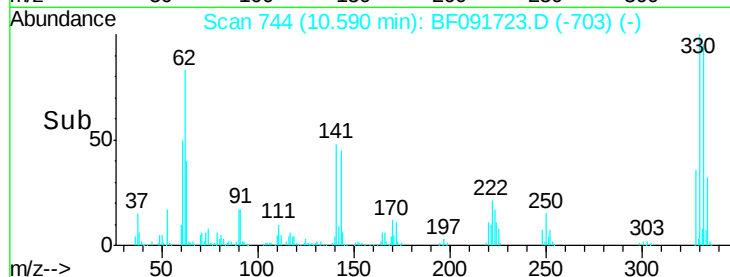
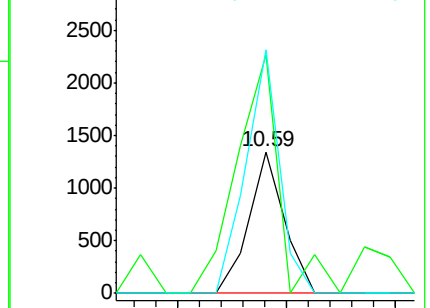
105 172.2 16.6 56.6#



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: 0.54 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.11 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

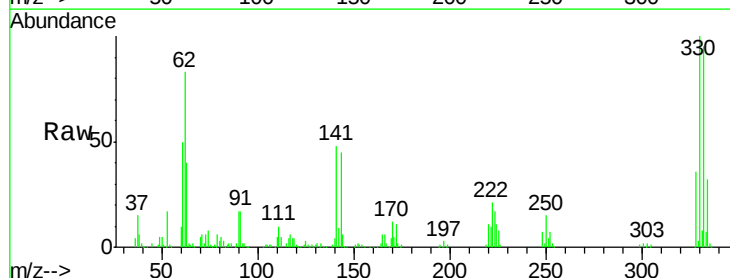
Tgt Ion:169 Resp: 18448

Ion Ratio Lower Upper

169 100

168 6.5 54.2 81.2#

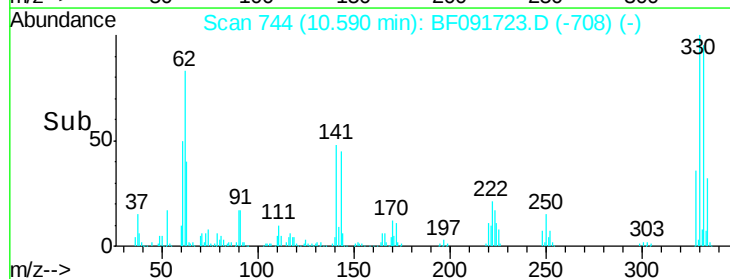
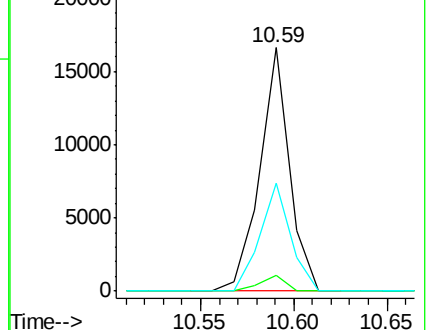
167 44.1 30.2 45.4

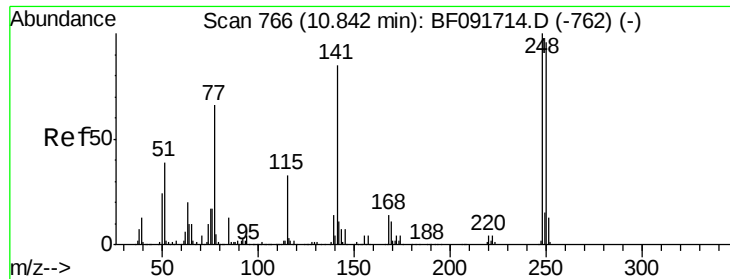


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 3.26 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

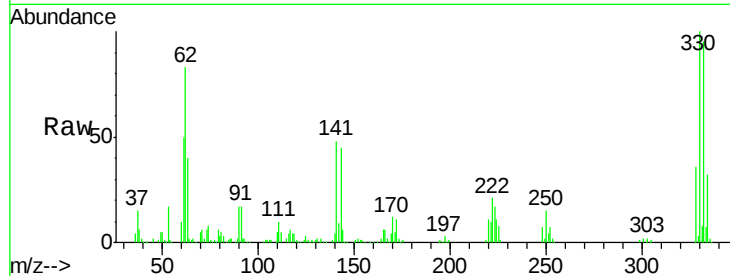
Tgt Ion:248 Resp: 37402

Ion Ratio Lower Upper

248 100

250 201.9 76.9 115.3#

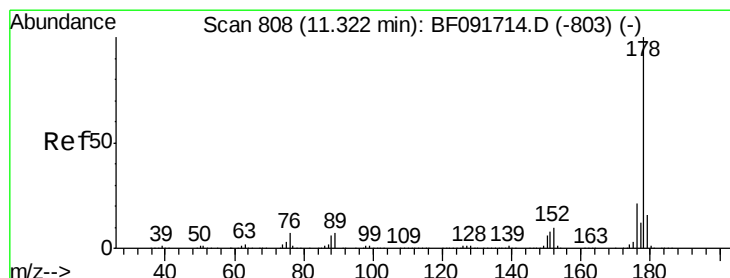
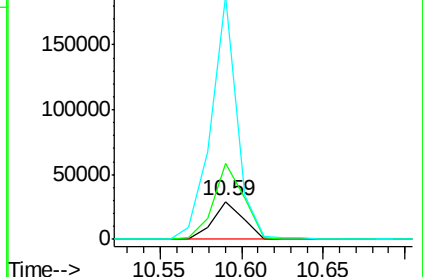
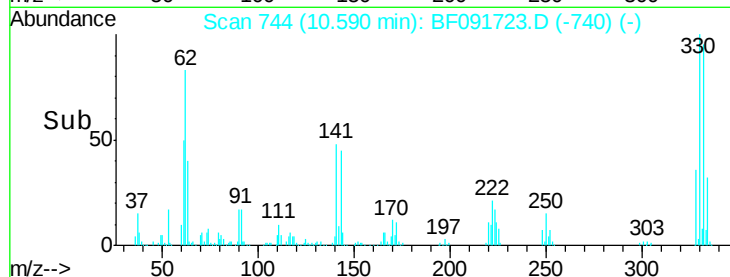
141 644.6 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70

Phenanthrene

Concen: 0.01 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.03 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

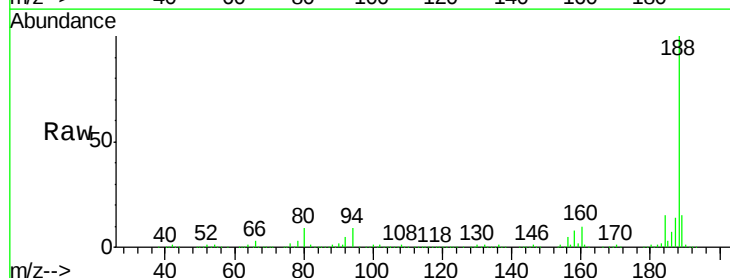
Tgt Ion:178 Resp: 399

Ion Ratio Lower Upper

178 100

176 0.0 16.6 25.0#

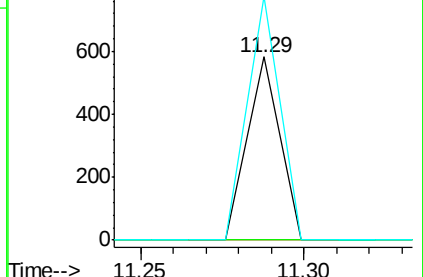
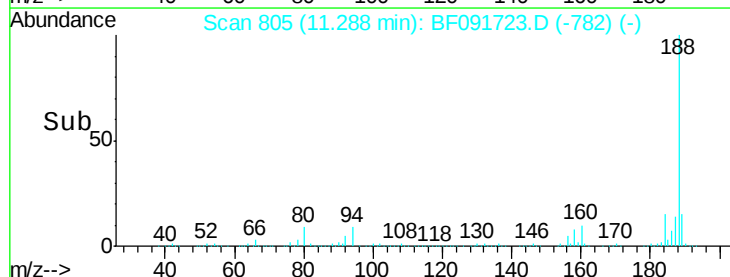
179 133.0 12.8 19.2#

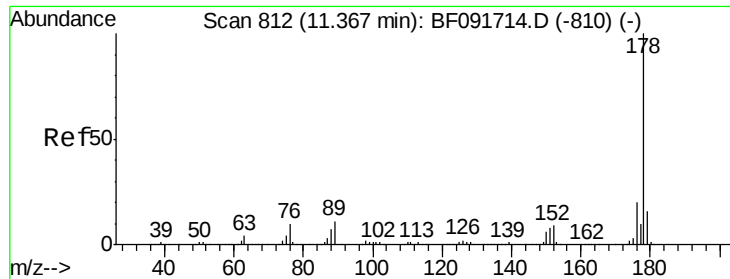


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.01 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.08 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

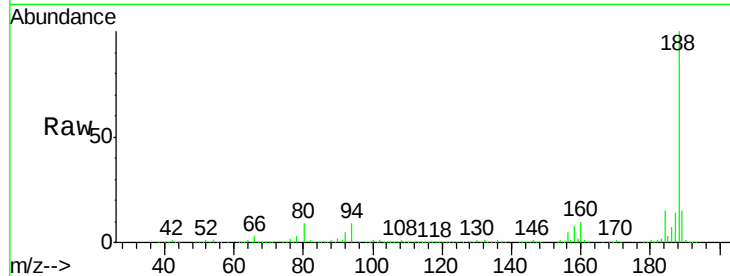
Tgt Ion:178 Resp: 399

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

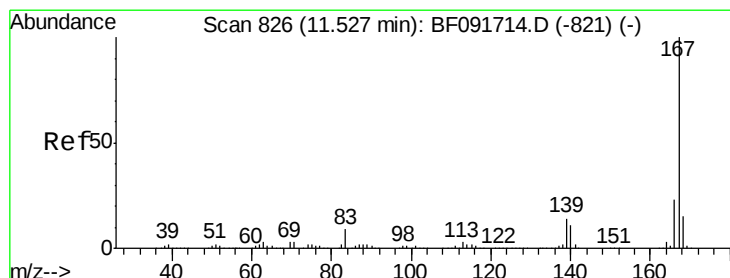
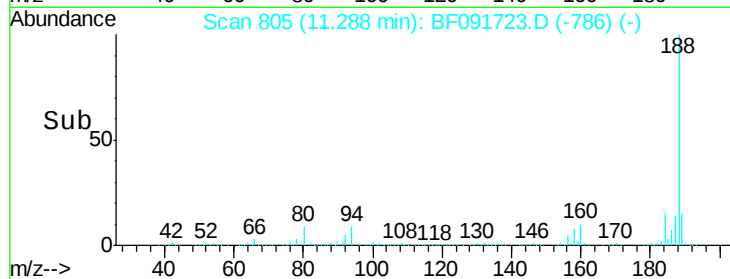
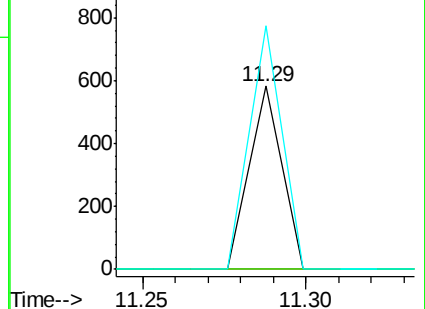
179 133.0 13.2 19.8#



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



#72

Carbazole

Concen: 0.00 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

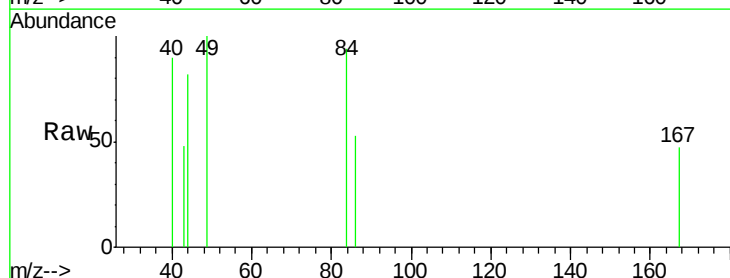
Tgt Ion:167 Resp: 217

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.2#

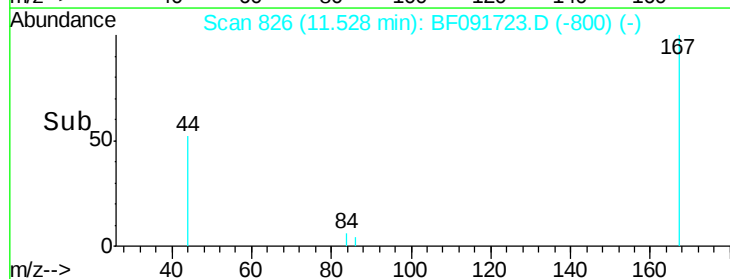
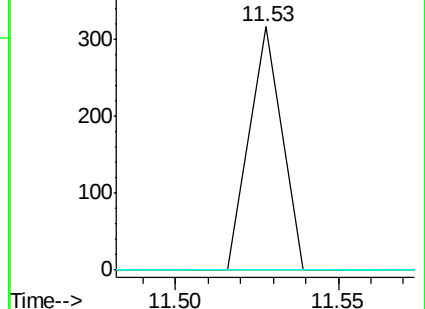
139 0.0 11.4 17.2#

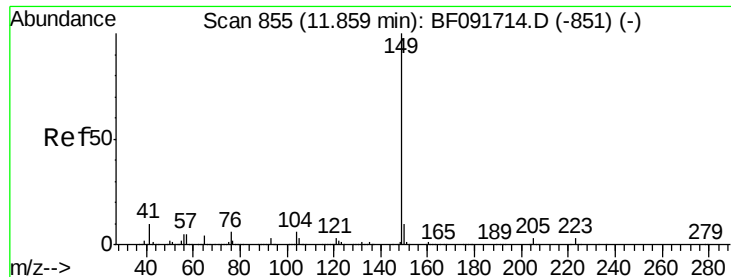


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.02 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

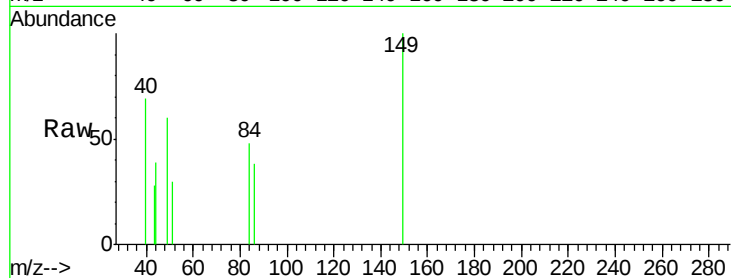
Tgt Ion:149 Resp: 1272

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

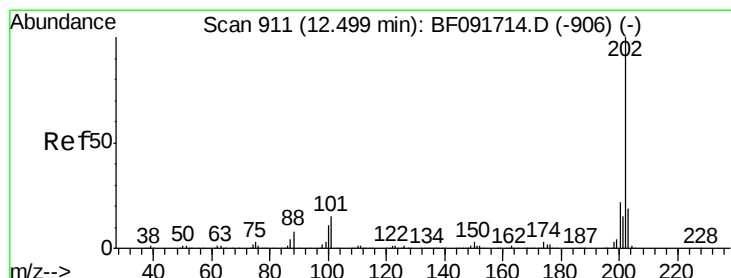
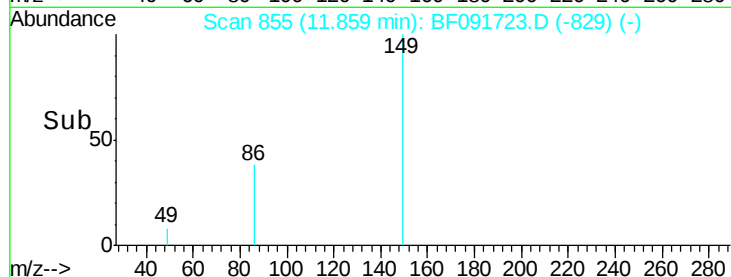
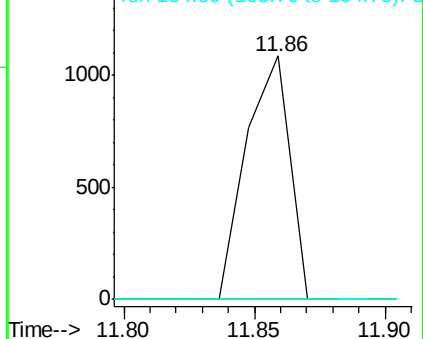
104 0.0 4.6 7.0#



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: 0.02 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

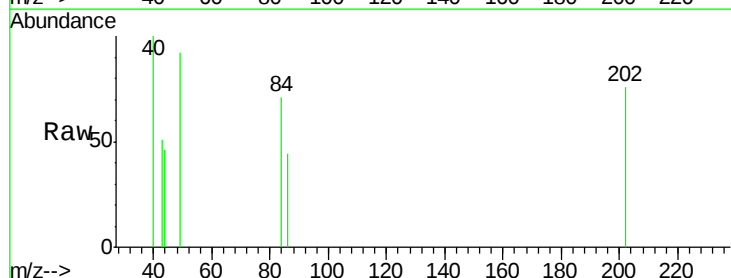
Tgt Ion:202 Resp: 1014

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

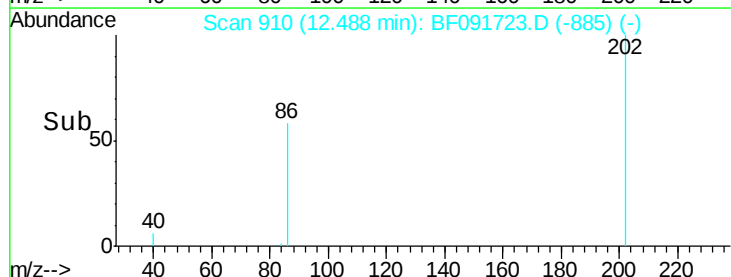
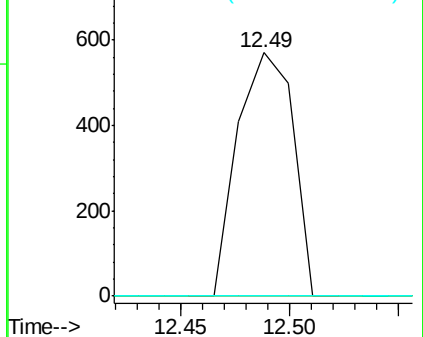
203 0.0 0.0 38.7

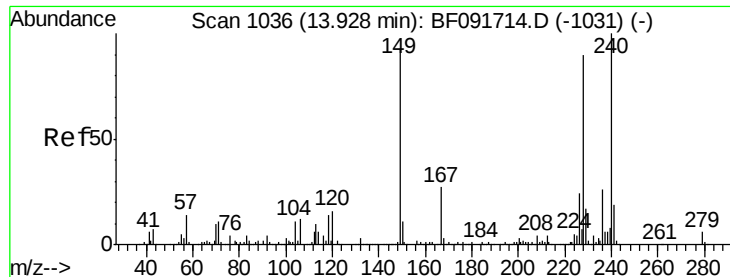


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

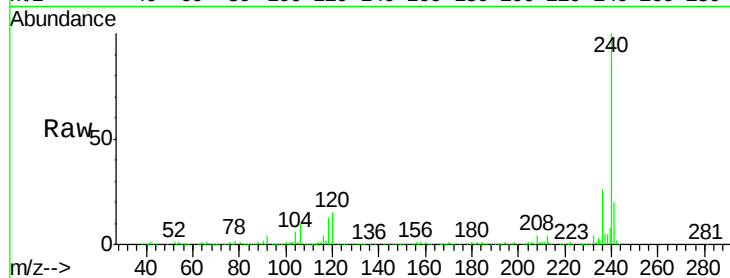
Tgt Ion:240 Resp: 977103

Ion Ratio Lower Upper

240 100

120 14.7 12.9 19.3

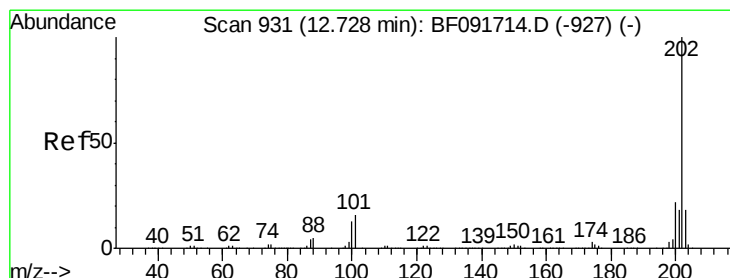
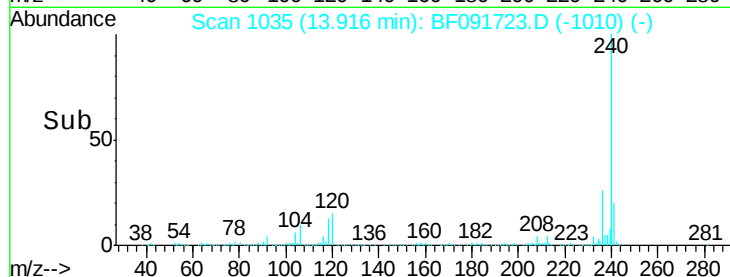
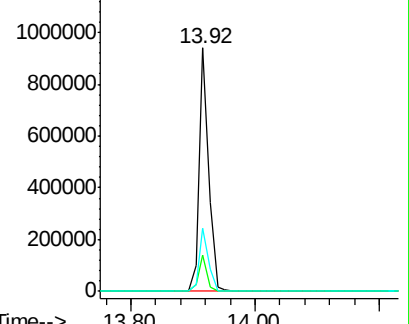
236 25.8 20.9 31.3



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: 0.02 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

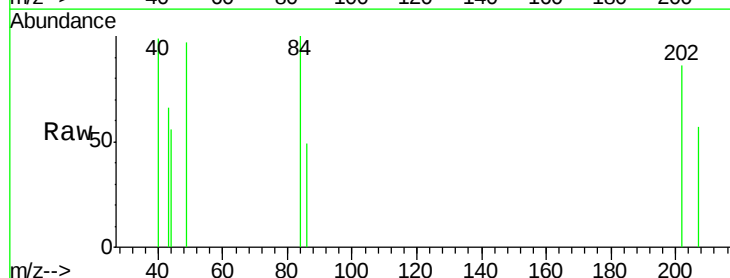
Tgt Ion:202 Resp: 1130

Ion Ratio Lower Upper

202 100

200 0.0 17.7 26.5#

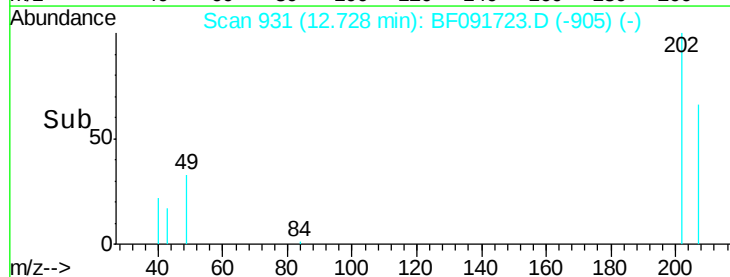
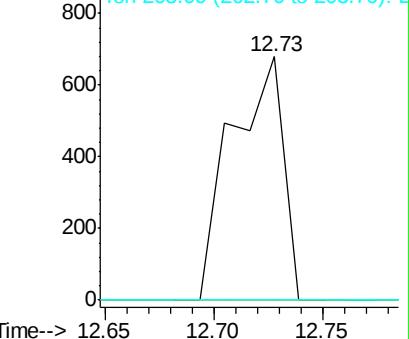
203 0.0 14.7 22.1#

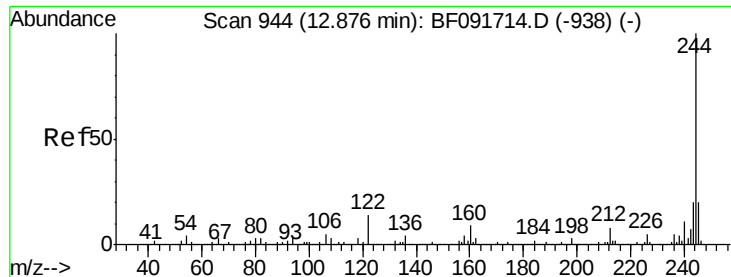


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

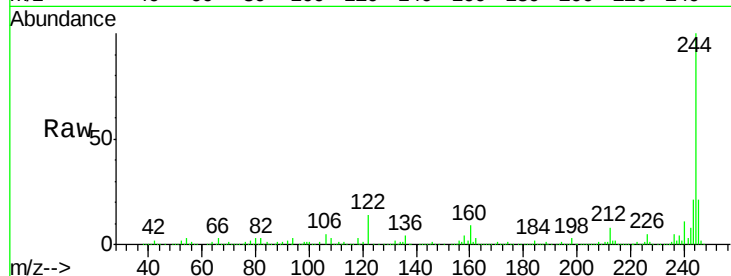




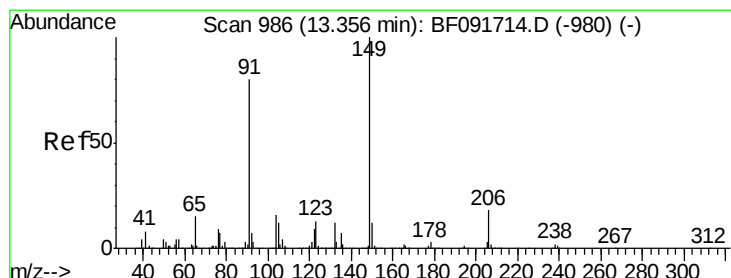
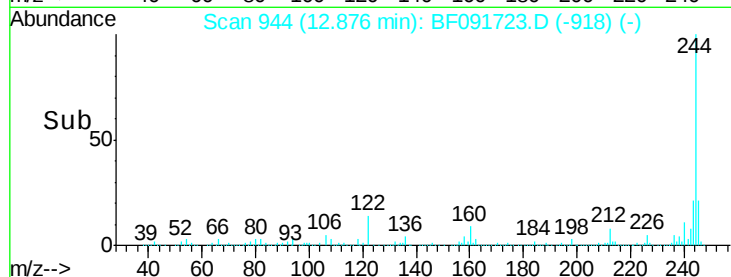
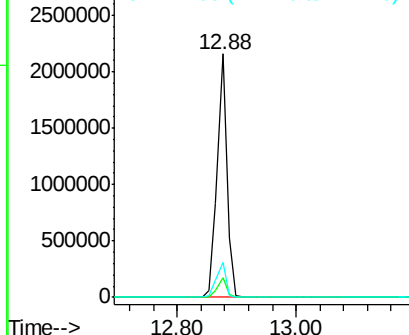
#78
 Terphenyl-d14
 Concen: 64.26 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BL

Tgt Ion:244 Resp: 2486640
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 14.2 11.4 17.2

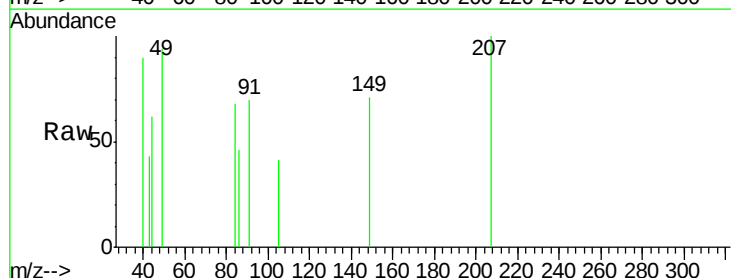


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

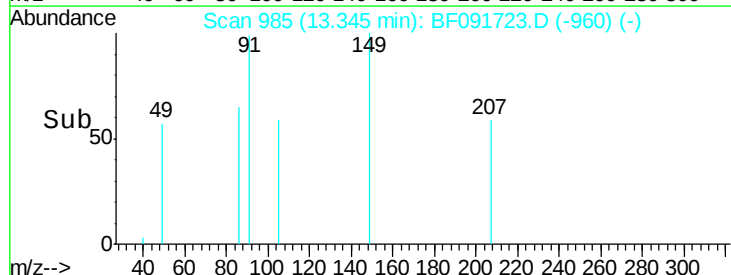
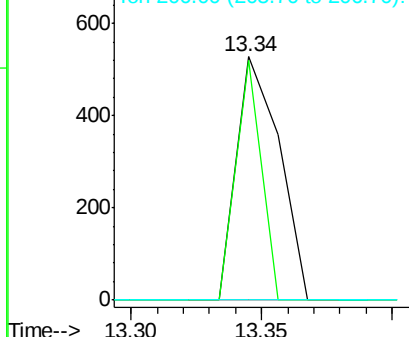


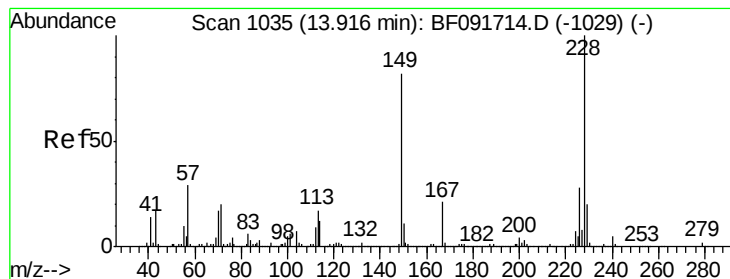
#79
 Butylbenzylphthalate
 Concen: 0.02 ng
 RT: 13.34 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Tgt Ion:149 Resp: 608
 Ion Ratio Lower Upper
 149 100
 91 98.7 63.9 95.9#
 206 0.0 14.6 21.8#



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

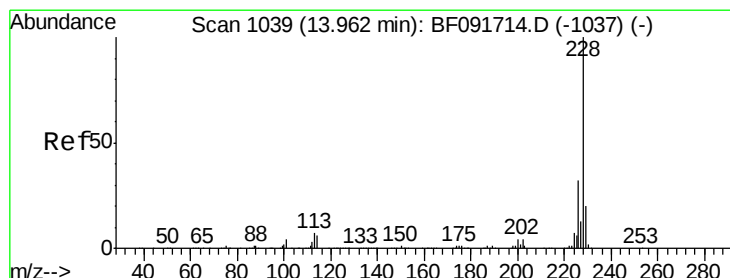
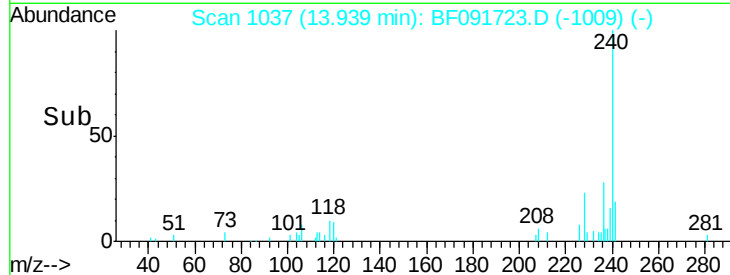
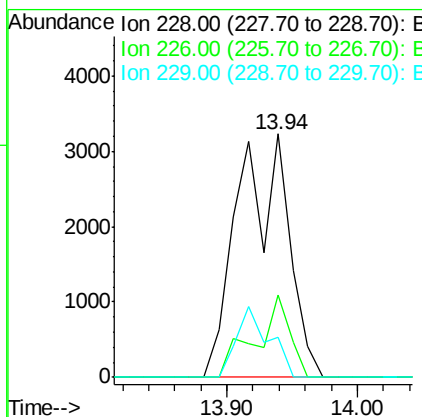
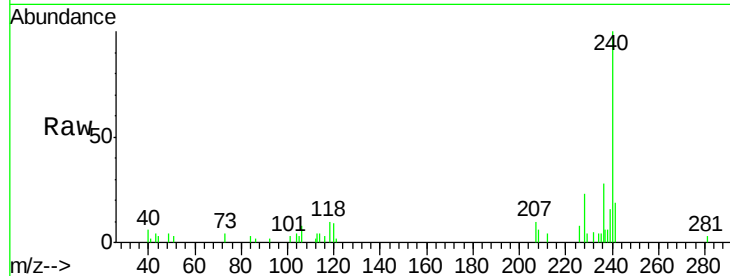




#80
 Benzo(a)anthracene
 Concen: 0.15 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.02 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

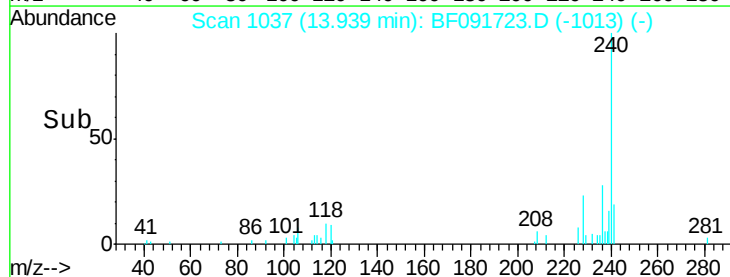
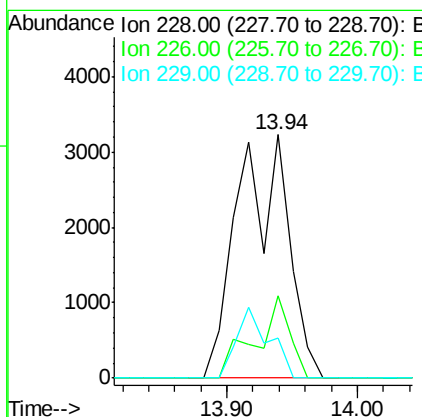
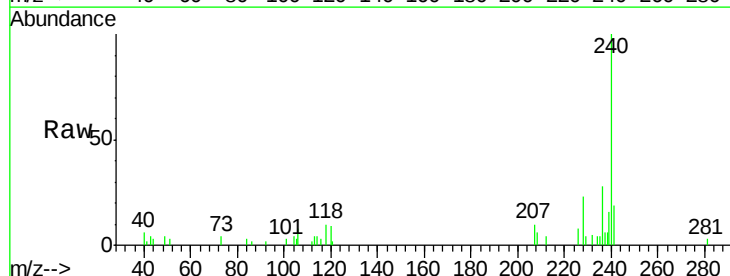
Instrument :
 BNA_F
 ClientSampleId :
 PB95409BL

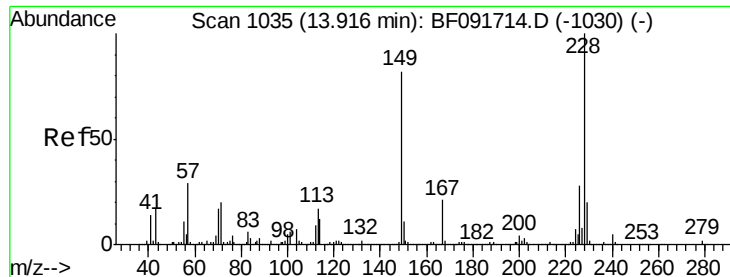
Tgt Ion:	228	Resp:	8642
Ion Ratio	Lower	Upper	
228	100		
226	33.8	22.4	33.6#
229	16.4	16.2	24.4



#82
 Chrysene
 Concen: 0.15 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Tgt Ion:	228	Resp:	8642
Ion Ratio	Lower	Upper	
228	100		
226	33.8	25.4	38.0
229	16.4	16.2	24.2

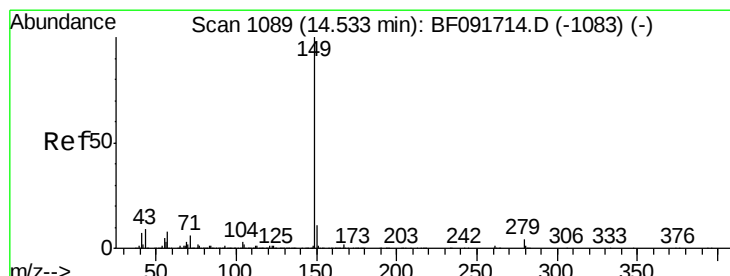
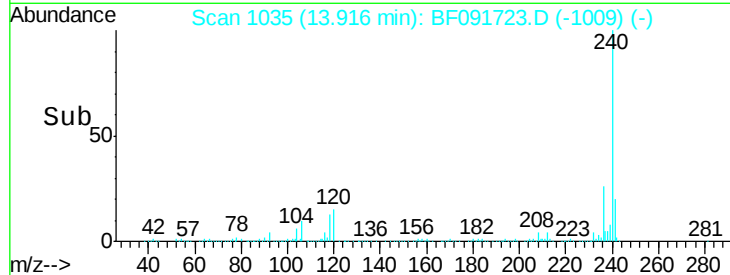
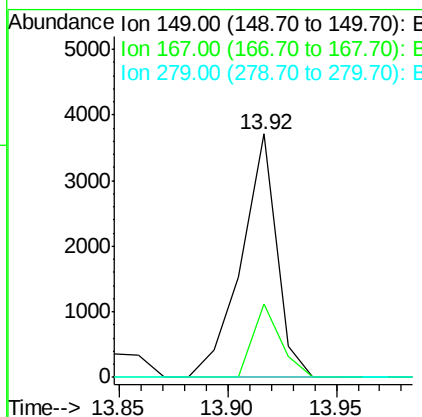
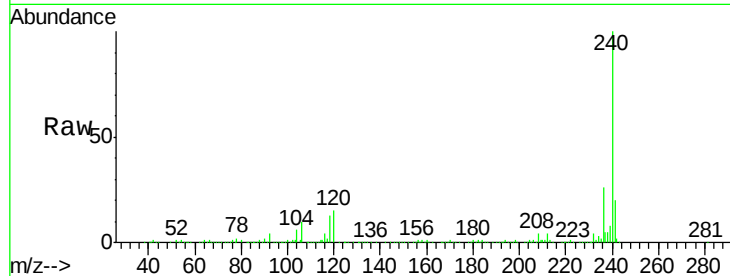




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

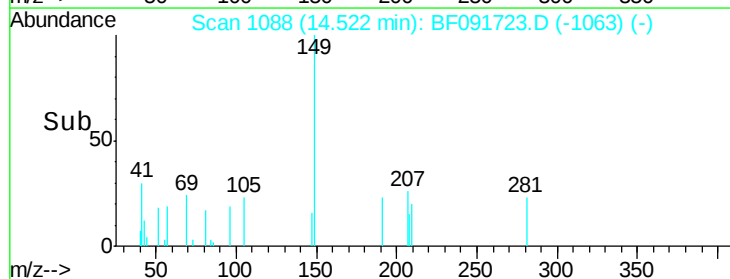
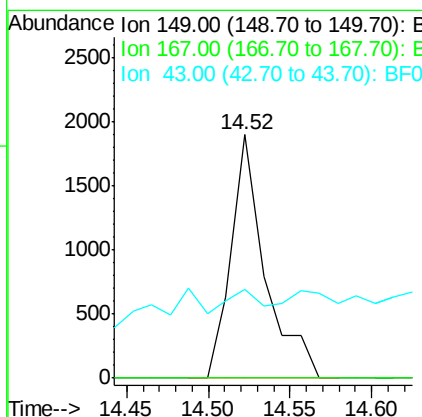
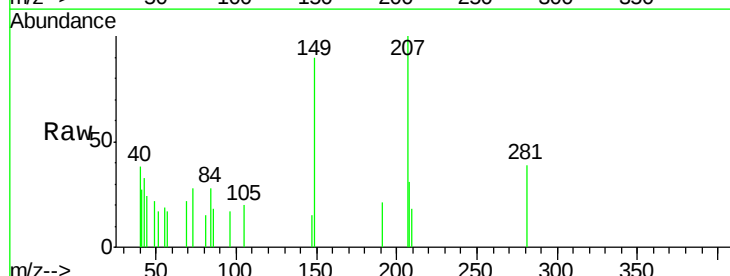
Instrument :
 BNA_F
 ClientSampleId :
 PB95409BL

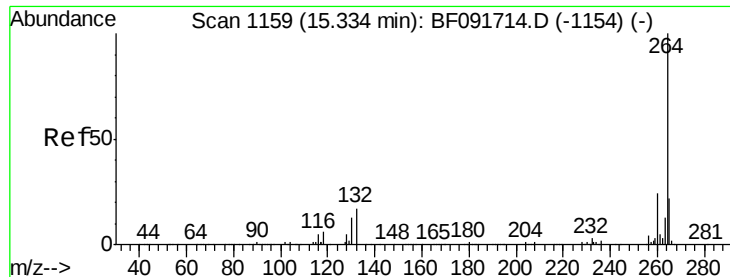
Tgt Ion:	149	Resp:	4203
Ion	Ratio	Lower	Upper
149	100		
167	30.1	20.2	30.4
279	0.0	1.8	2.8#



#84
 Di-n-octyl phthalate
 Concen: 0.04 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF091723.D
 Acq: 18 Dec 2016 1:12

Tgt Ion:	149	Resp:	2728
Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	7.0	8.9	13.3#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

Instrument :

BNA_F

ClientSampleId :

PB95409BL

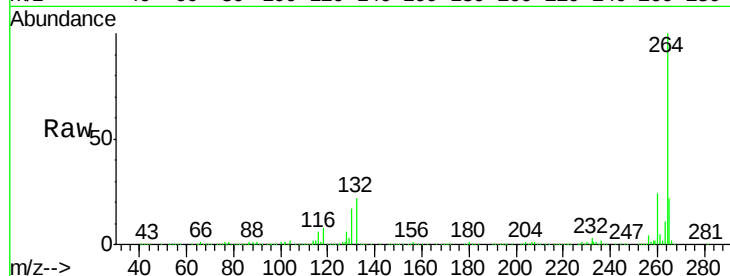
Tgt Ion:264 Resp: 914924

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

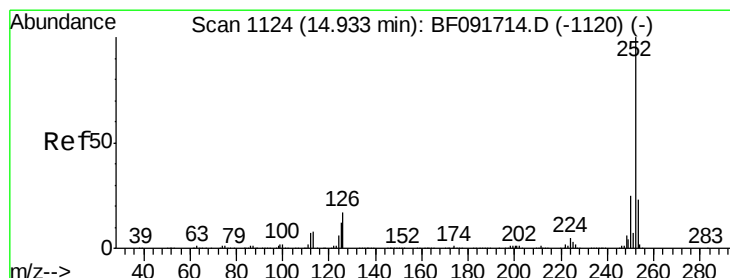
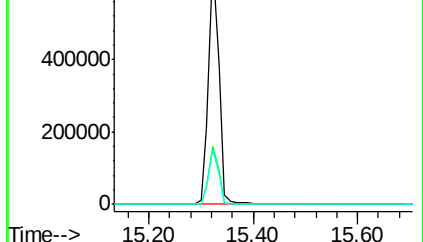
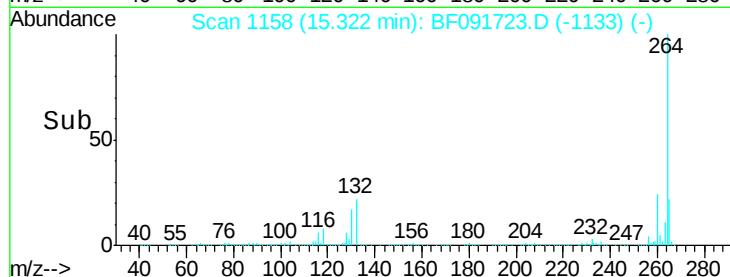
265 22.3 17.4 26.0



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: 0.07 ng

RT: 14.92 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF091723.D

Acq: 18 Dec 2016 1:12

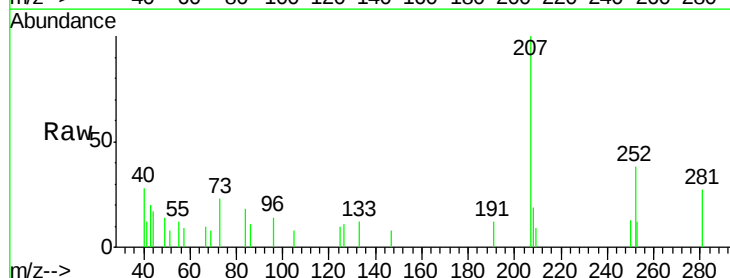
Tgt Ion:252 Resp: 4023

Ion Ratio Lower Upper

252 100

253 31.0 18.2 27.4#

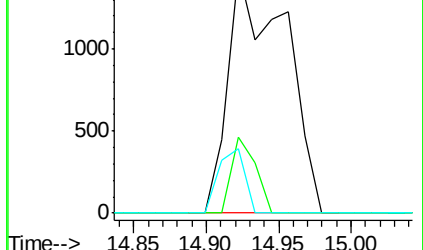
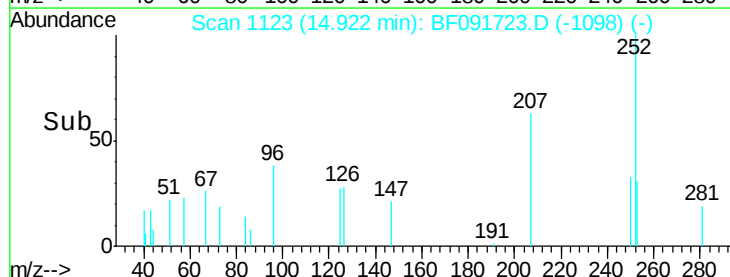
125 26.7 9.8 14.6#

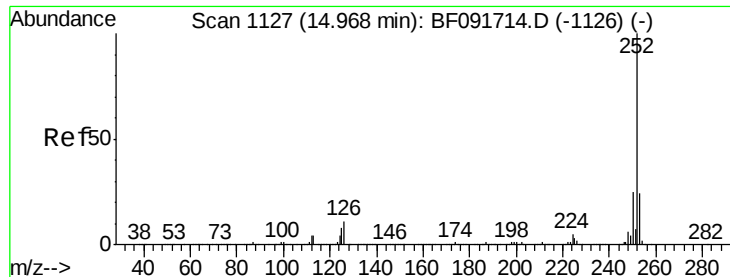


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

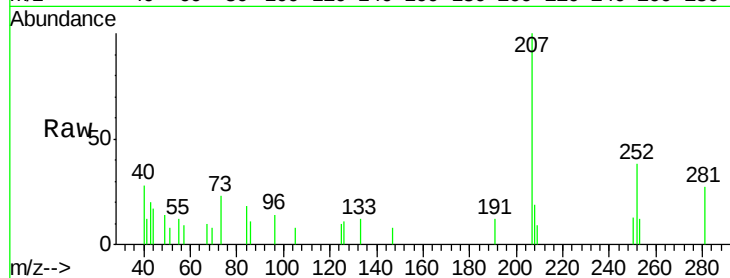




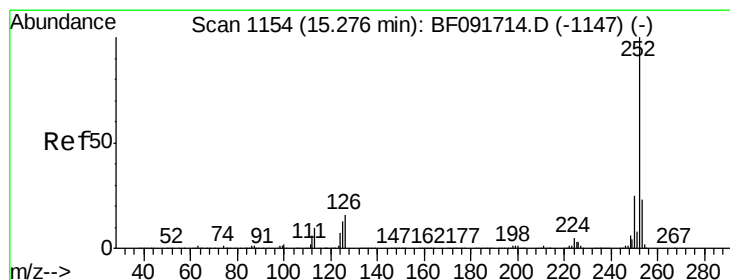
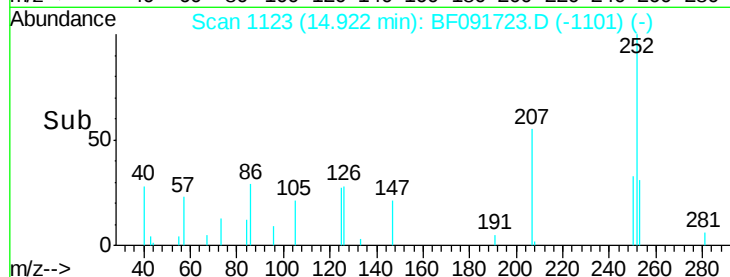
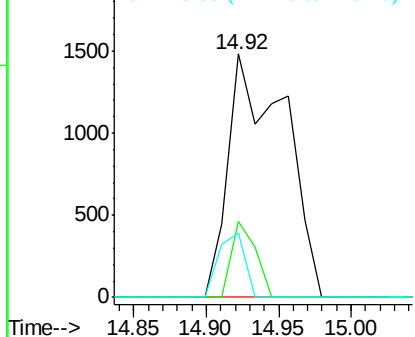
#88
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.04 min
Lab File: BF091723.D
Acq: 18 Dec 2016 1:12

Instrument :
BNA_F
ClientSampleId :
PB95409BL

Tgt Ion: 252 Resp: 4023
Ion Ratio Lower Upper
252 100
253 31.0 18.5 27.7#
125 26.7 8.9 13.3#

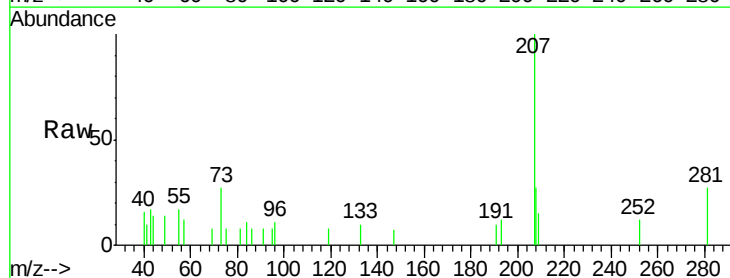


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.01 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF091723.D
Acq: 18 Dec 2016 1:12

Tgt Ion: 252 Resp: 721
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 10.0 15.0#



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

