

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093337.D
 Acq On : 2 Mar 2017 22:50
 Operator : SJ/MA
 Sample : I2015-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38A-7-9

Quant Time: Mar 03 00:18:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	157777	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	639742	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	309557	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	581622	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	495683	20.00	ng	-0.05
86) Perylene-d12	15.39	264	348381	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1047954	113.95	ng	-0.06
7) Phenol-d6	6.44	99	1280288	108.20	ng	-0.05
23) Nitrobenzene-d5	7.37	82	794725	69.18	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	231718	103.50	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	1266102	74.10	ng	-0.05
78) Terphenyl-d14	12.92	244	1083403	51.36	ng	-0.05

Target Compounds						Qvalue
6) Aniline	6.45	93	1325	0.08	ng	# 1
8) 2-Chlorophenol	6.57	128	451	0.04	ng	# 1
9) Benzaldehyde	6.57	77	21271	2.51	ng	84
10) Phenol	6.45	94	58721	4.24	ng	# 76
11) bis(2-Chloroethyl)ether	6.57	93	1414	0.13	ng	# 1
12) 1,3-Dichlorobenzene	6.96	146	218	0.02	ng	# 1
13) 1,4-Dichlorobenzene	6.96	146	218	0.02	ng	# 1
14) 1,2-Dichlorobenzene	6.96	146	218	0.02	ng	# 1
15) Benzyl Alcohol	6.94	79	11400	1.30	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	7.01	45	227	0.01	ng	67
19) n-Nitroso-di-n-propylamine	7.37	70	105505	14.01	ng	# 79
24) Nitrobenzene	7.37	77	1815	0.15	ng	# 39
25) Isophorone	7.37	82	627103	29.29	ng	# 65
45) 1,1'-Biphenyl	9.28	154	2219	0.10	ng	88
47) 2-Nitroaniline	9.56	65	1256	0.21	ng	# 1
49) Dimethylphthalate	9.57	163	134275	6.44	ng	99
50) 2,6-Dinitrotoluene	9.57	165	1382	0.31	ng	# 23
51) Acenaphthene	9.85	154	1074	0.06	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	38024	6.34	ng	# 20
57) Fluorene	10.64	166	12946	0.69	ng	# 92
59) Diethylphthalate	10.27	149	5570	0.28	ng	# 93
62) Azobenzene	10.64	77	1159	0.06	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.64	198	437	2.79	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	8352	0.45	ng	# 41
66) 4-Bromophenyl-phenylether	10.64	248	16680	2.74	ng	# 1
70) Phenanthrene	11.36	178	872	0.03	ng	# 58
71) Anthracene	11.36	178	872	0.03	ng	# 59
72) Carbazole	11.33	167	239	0.01	ng	# 58
73) Di-n-butylphthalate	11.89	149	4250	0.12	ng	# 76
74) Fluoranthene	12.56	202	655	0.02	ng	61
76) Benzdine	12.92	184	14243	0.67	ng	# 94
77) Pyrene	12.79	202	573	0.02	ng	# 56
80) Benzo(a)anthracene	13.97	228	2835	0.09	ng	# 65
82) Chrysene	13.97	228	2835	0.10	ng	# 62

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QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

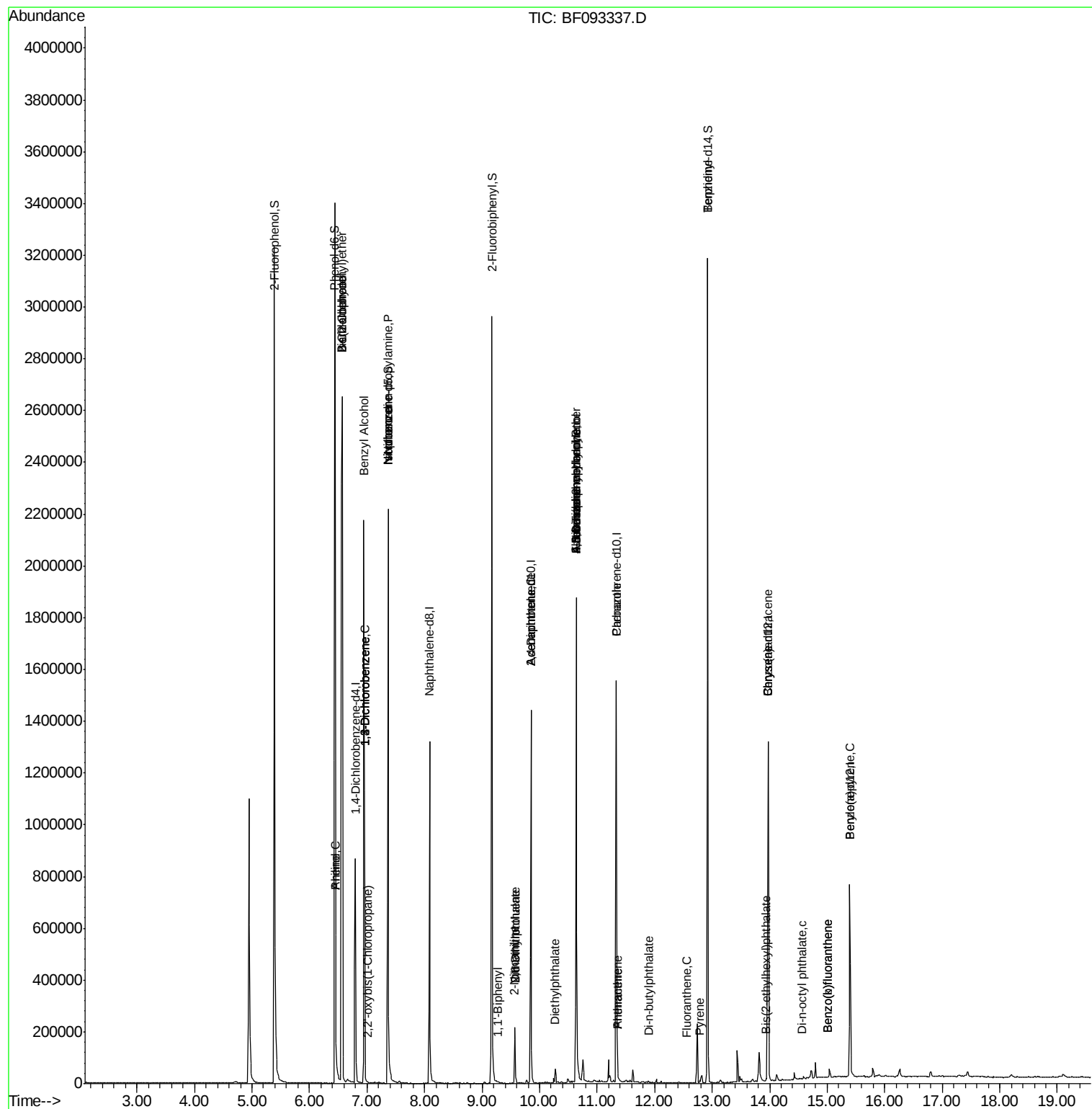
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	13.94	149	3628	0.18	ng	# 97
84) Di-n-octyl phthalate	14.56	149	1828	0.05	ng	# 74
87) Benzo(b)fluoranthene	15.00	252	226	0.01	ng	# 58
88) Benzo(k)fluoranthene	15.00	252	226	0.01	ng	# 58
89) Benzo(a)pyrene	15.39	252	1122	0.06	ng	# 29

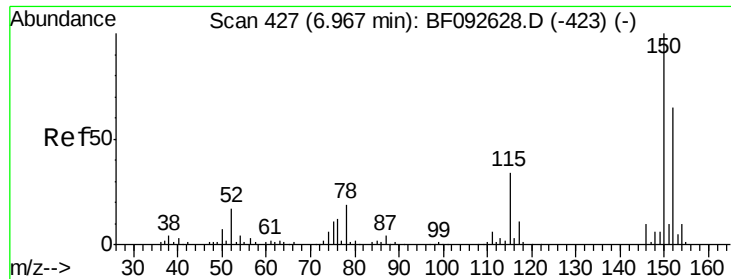
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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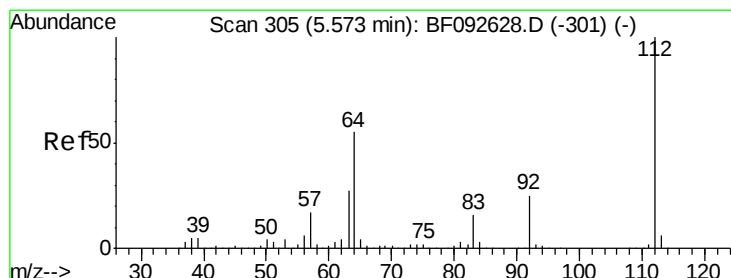
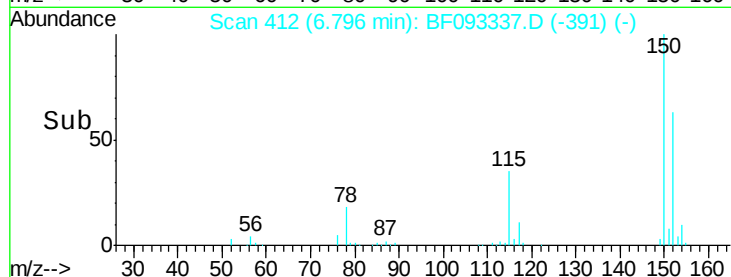
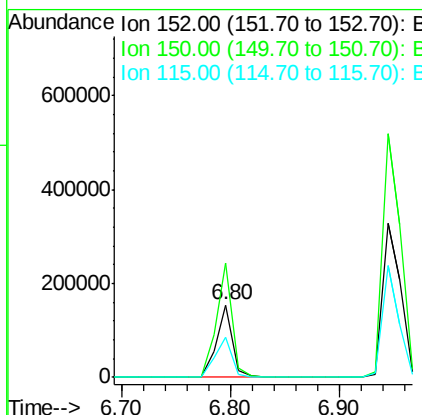
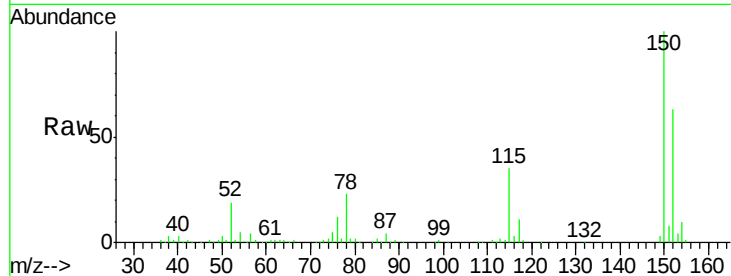


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF093337.D
 Acq: 2 Mar 2017 22:50

Instrument :
 BNA_F
 ClientSampleId :
 38A-7-9

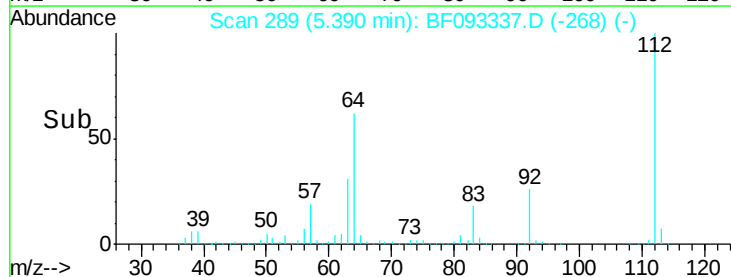
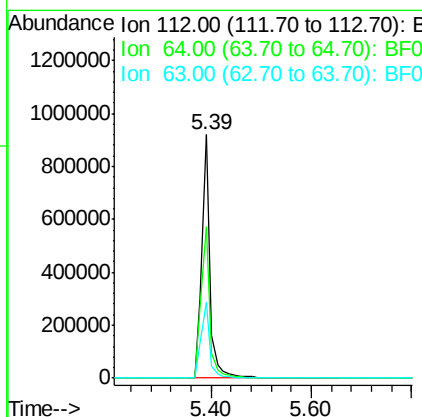
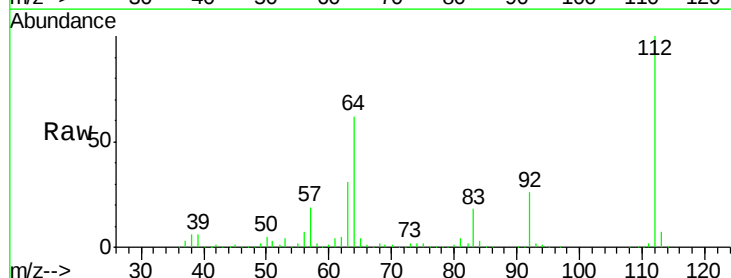
Tgt Ion:152 Resp: 157777
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.9 187.3
 115 55.9 46.0 69.0

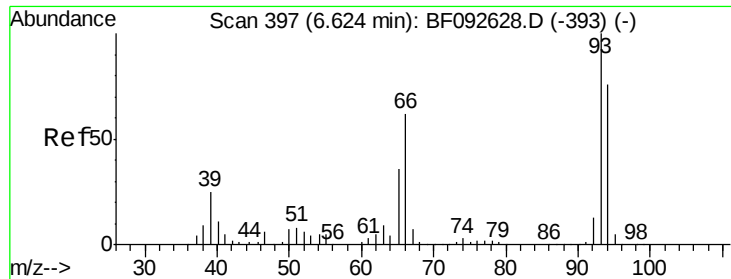


#5

2-Fluorophenol
 Concen: 113.95 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF093337.D
 Acq: 2 Mar 2017 22:50

Tgt Ion:112 Resp: 1047954
 Ion Ratio Lower Upper
 112 100
 64 62.1 46.1 69.1
 63 31.5 23.8 35.6





#6

Aniline

Concen: 0.08 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

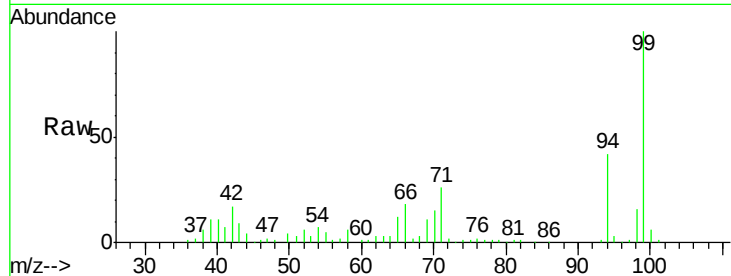
Tgt Ion: 93 Resp: 1325

Ion Ratio Lower Upper

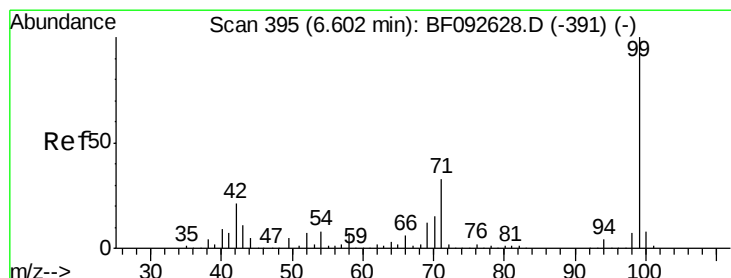
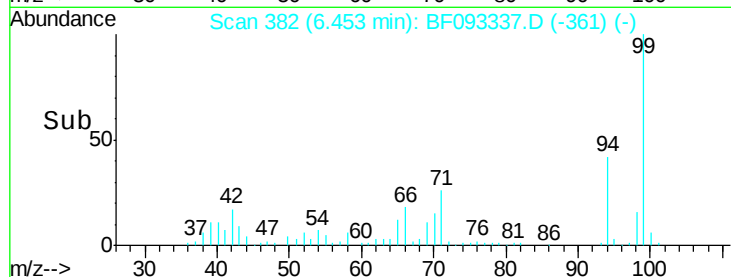
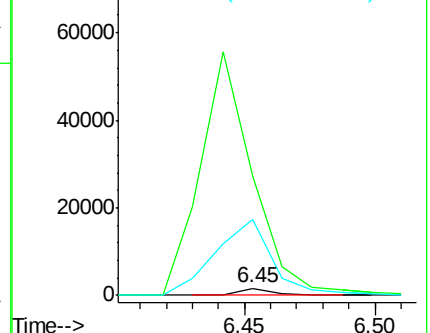
93 100

66 1741.4 76.2 114.2#

65 1103.4 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: 108.20 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

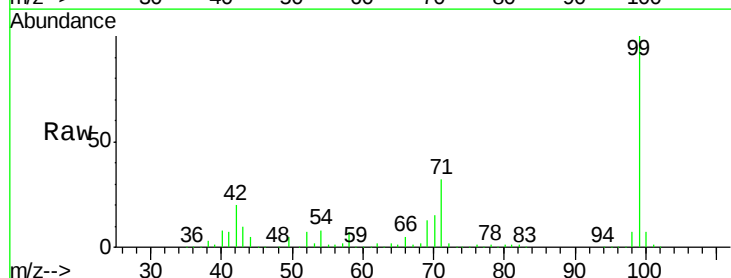
Tgt Ion: 99 Resp: 1280288

Ion Ratio Lower Upper

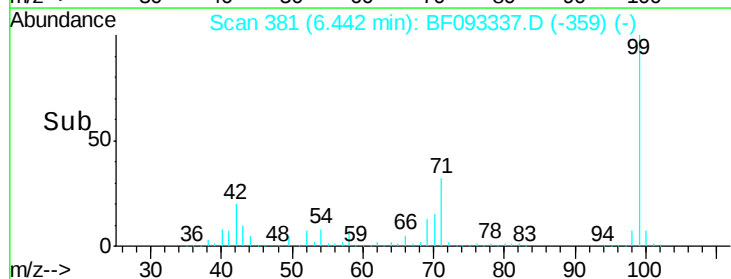
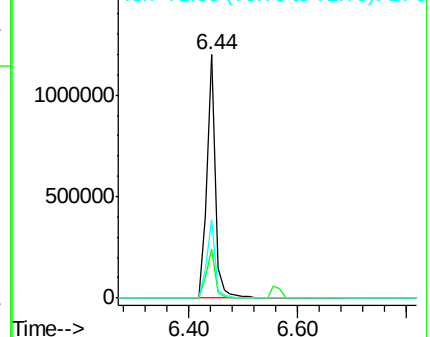
99 100

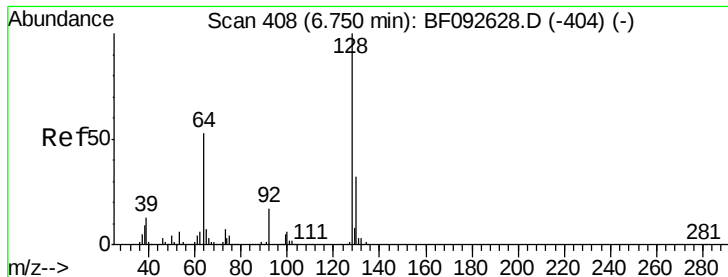
42 20.1 15.6 23.4

71 32.5 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: 0.04 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

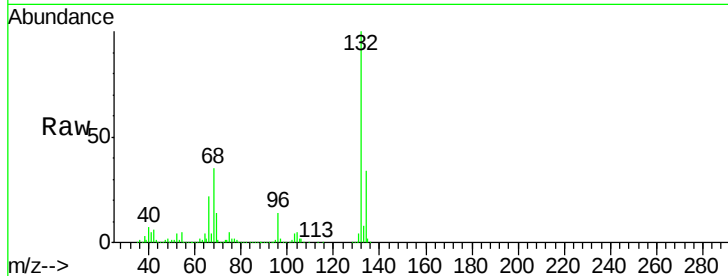
Tgt Ion:128 Resp: 451

Ion Ratio Lower Upper

128 100

130 517.7 12.3 52.3#

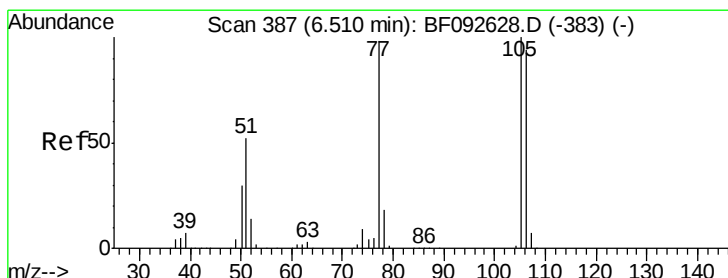
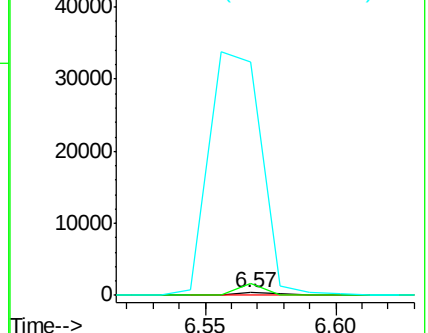
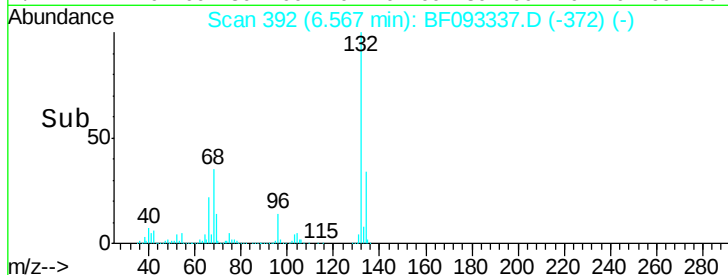
64 9717.4 32.2 72.2#



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: 2.51 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.17 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

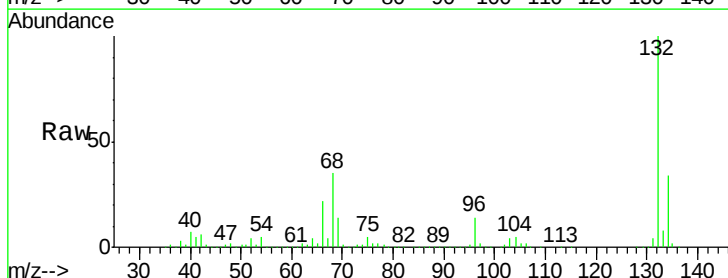
Tgt Ion: 77 Resp: 21271

Ion Ratio Lower Upper

77 100

105 87.7 83.9 123.9

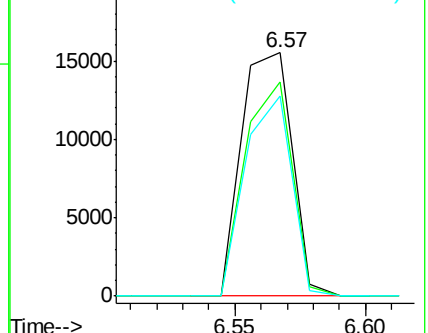
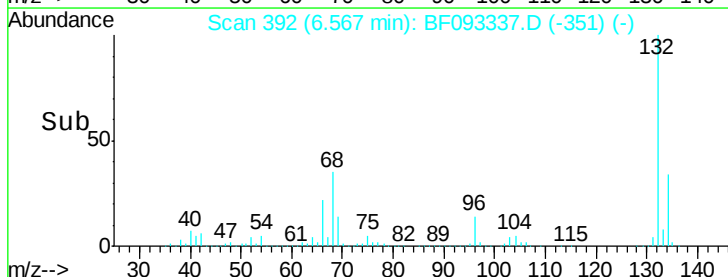
106 82.2 77.6 117.6

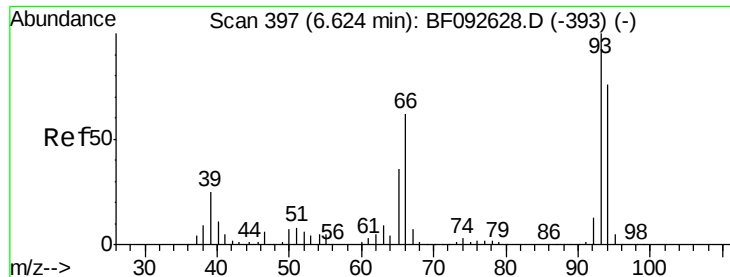


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.24 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampled :

38A-7-9

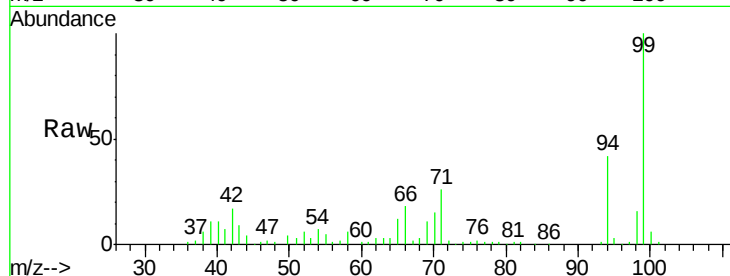
Tgt Ion: 94 Resp: 58721

Ion Ratio Lower Upper

94 100

65 27.8 21.4 61.4

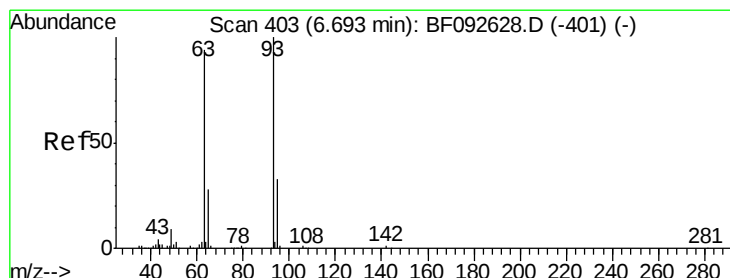
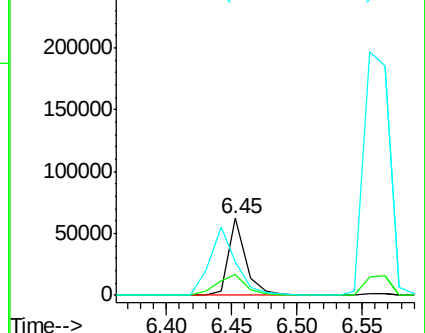
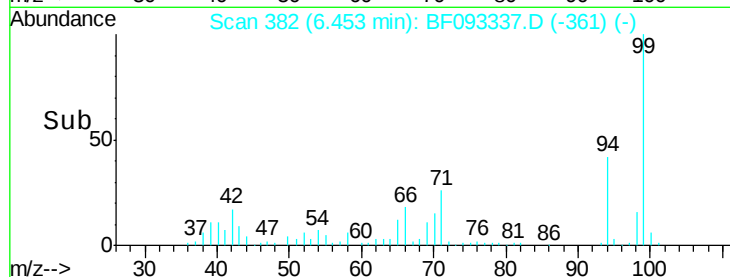
66 43.8 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.13 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

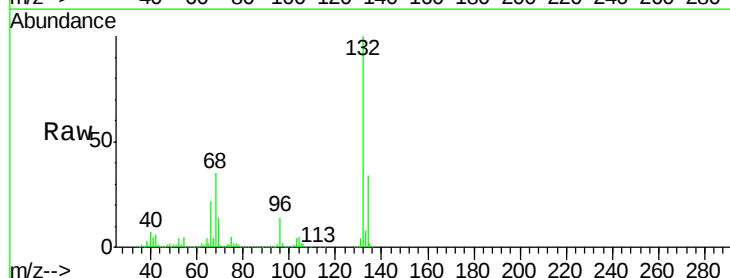
Tgt Ion: 93 Resp: 1414

Ion Ratio Lower Upper

93 100

63 663.6 60.4 100.4#

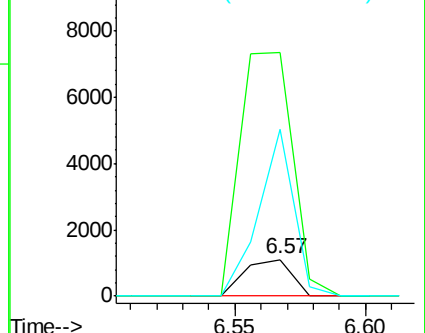
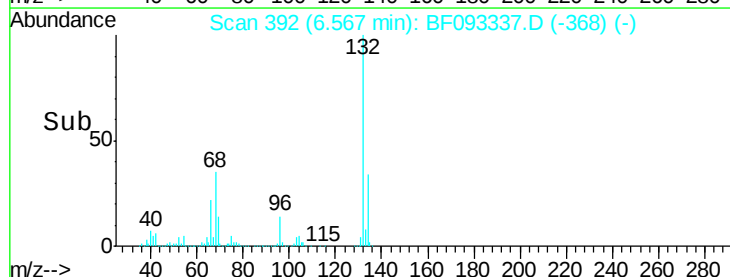
95 455.9 12.8 52.8#

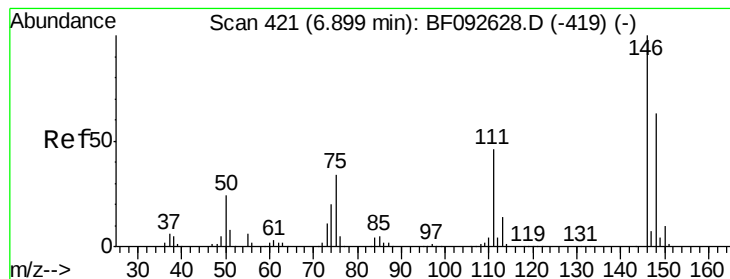


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 0.02 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.16 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampled :

38A-7-9

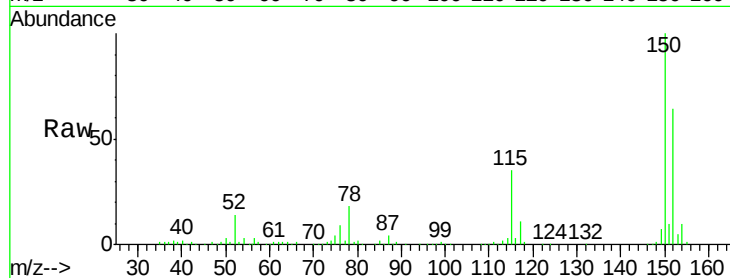
Tgt Ion:146 Resp: 218

Ion Ratio Lower Upper

146 100

148 913.2 53.4 80.0#

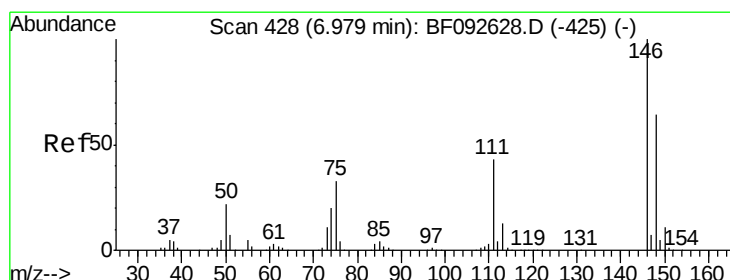
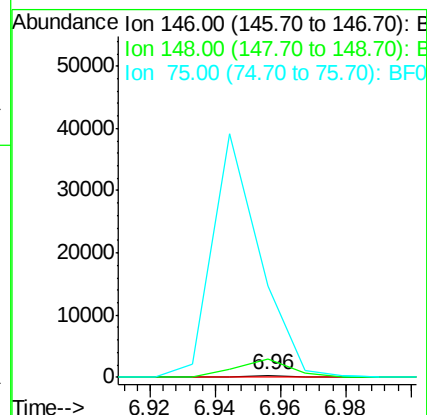
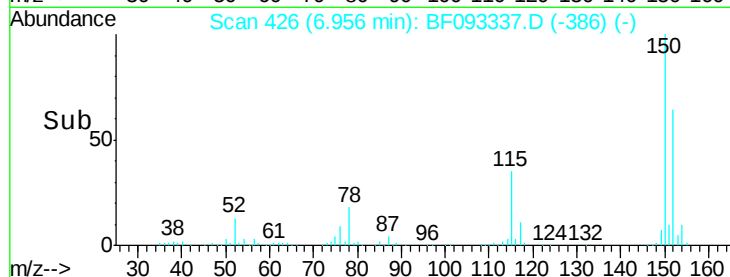
75 4607.2 18.5 27.7#



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: 0.02 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.08 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

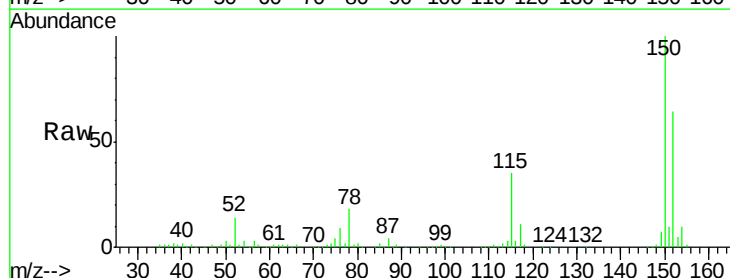
Tgt Ion:146 Resp: 218

Ion Ratio Lower Upper

146 100

148 913.2 50.6 76.0#

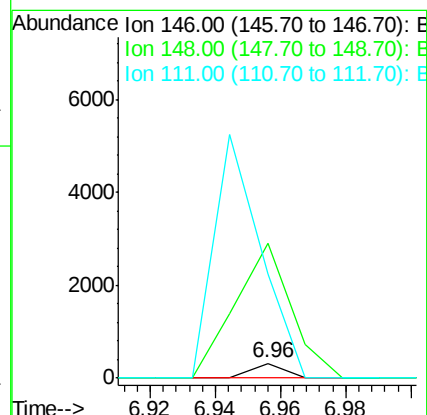
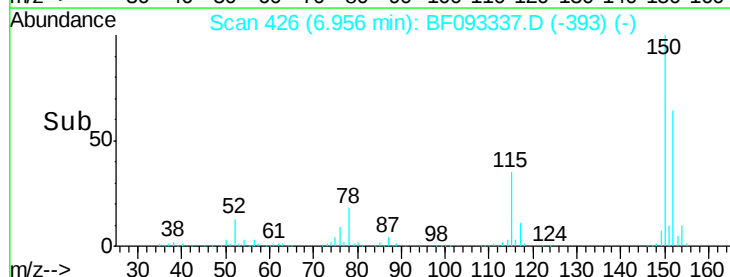
111 708.2 36.2 54.4#

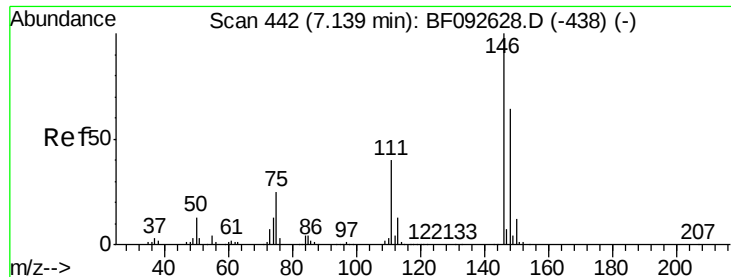


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.02 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.07 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

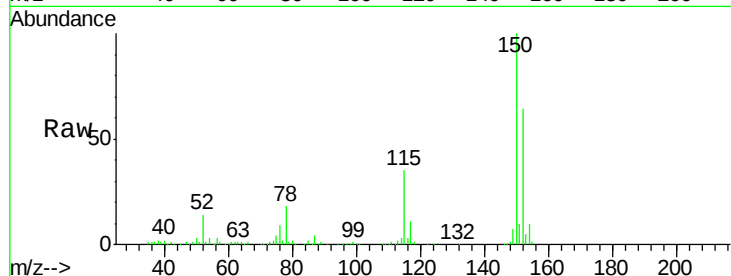
Tgt Ion:146 Resp: 218

Ion Ratio Lower Upper

146 100

148 913.2 52.2 78.2#

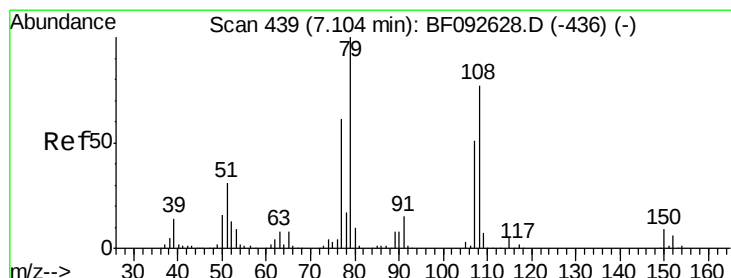
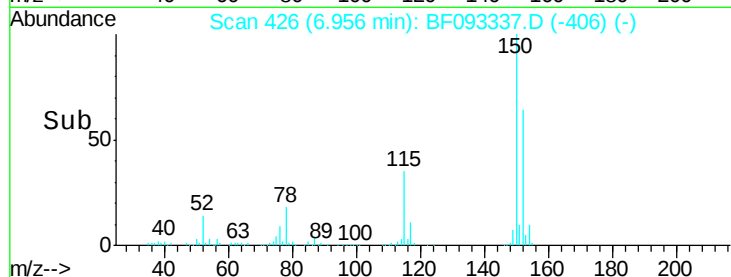
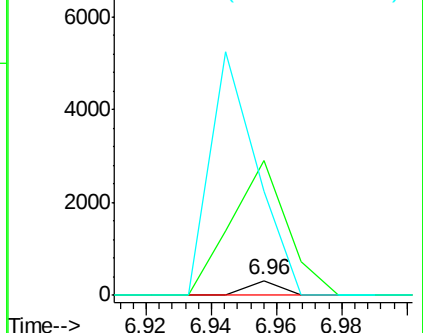
111 708.2 36.2 54.2#



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: 1.30 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

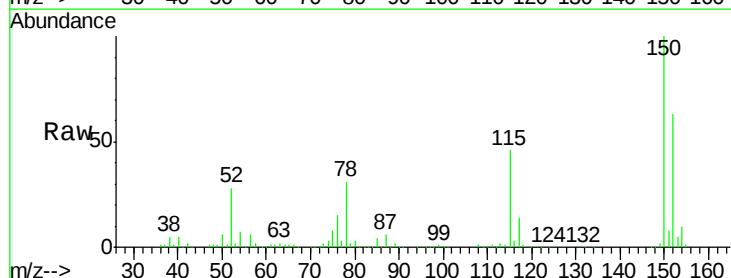
Tgt Ion: 79 Resp: 11400

Ion Ratio Lower Upper

79 100

108 24.2 61.4 92.0#

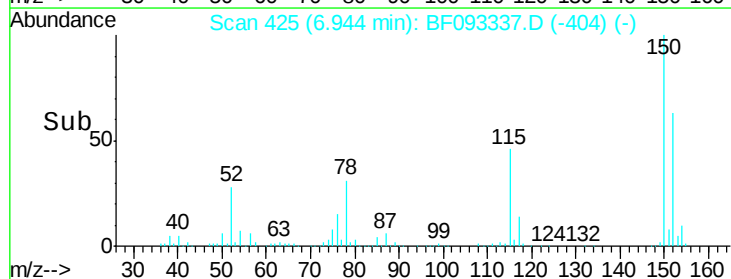
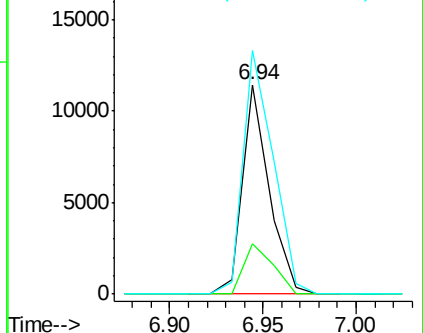
77 116.4 50.9 76.3#

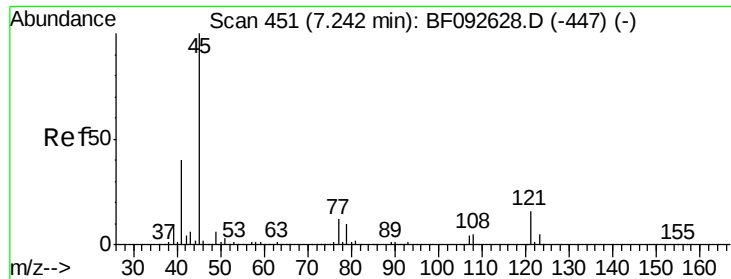


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

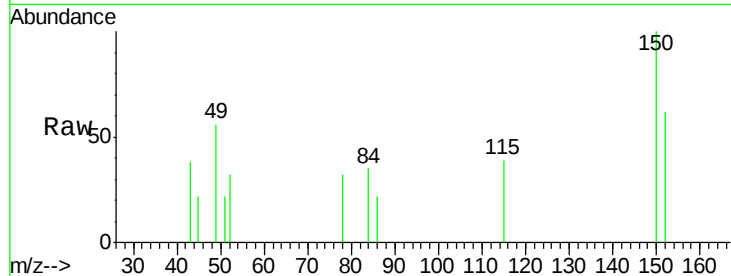




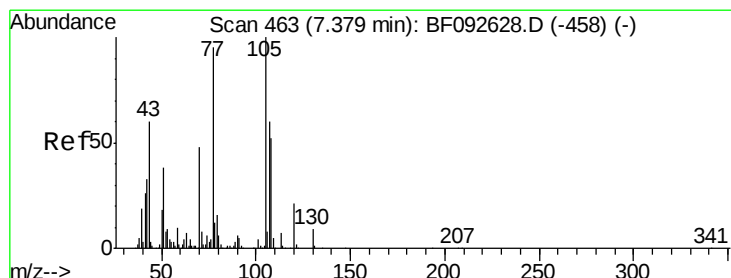
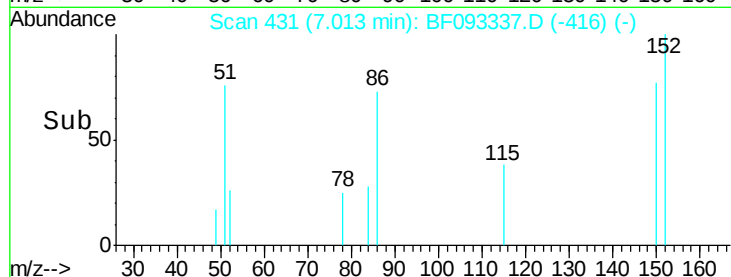
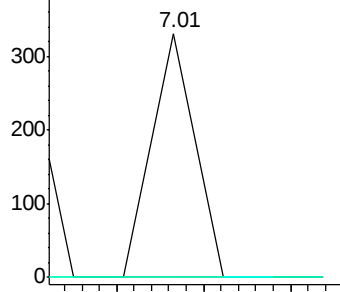
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.13 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Instrument :
BNA_F
ClientSampleId :
38A-7-9

Tgt Ion: 45 Resp: 227
Ion Ratio Lower Upper
45 100
77 0.0 0.0 34.6
79 0.0 0.0 31.2

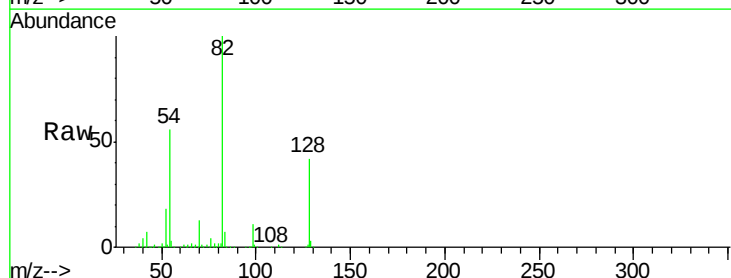


Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

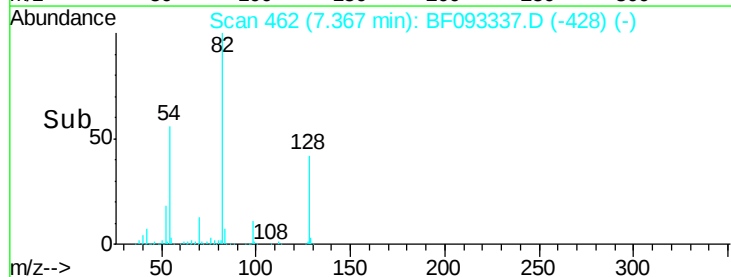
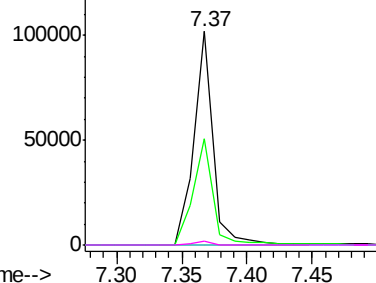


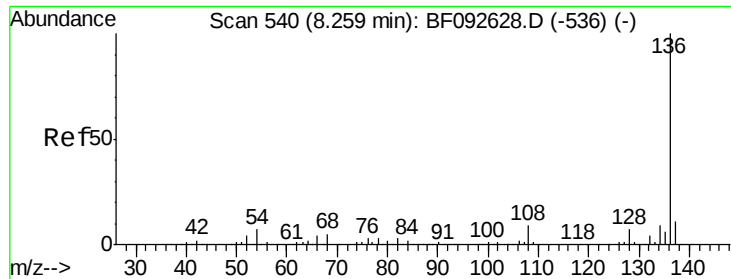
#19
n-Nitroso-di-n-propylamine
Concen: 14.01 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Tgt Ion: 70 Resp: 105505
Ion Ratio Lower Upper
70 100
42 49.9 49.4 74.0
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

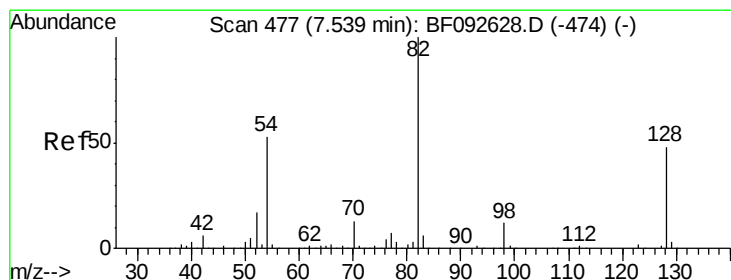
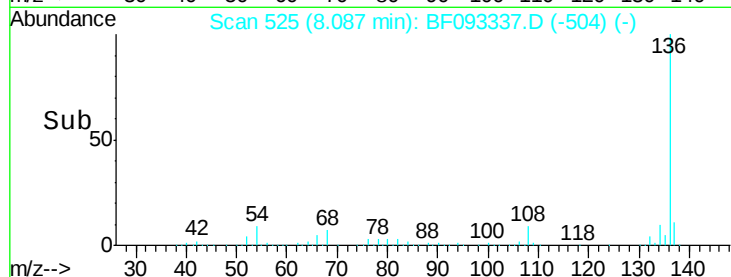
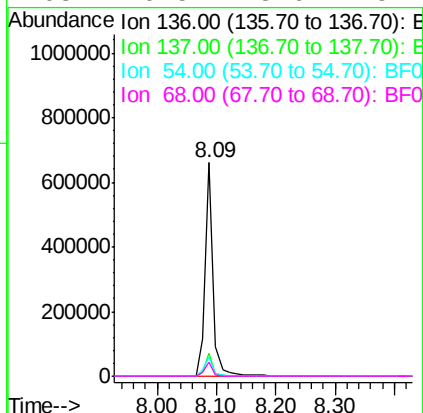
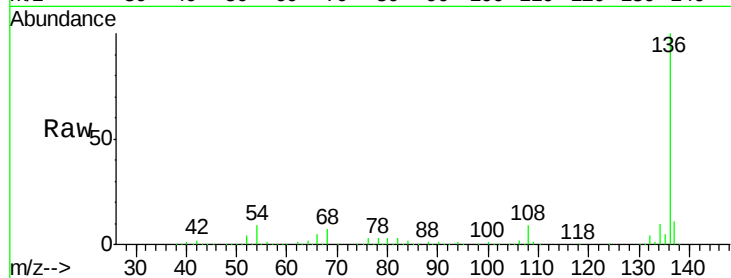




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

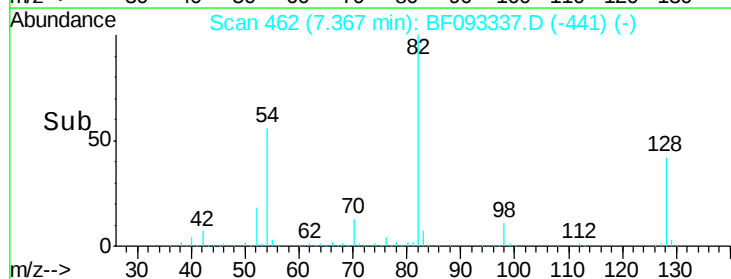
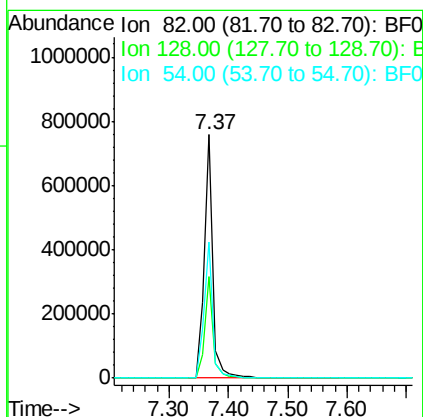
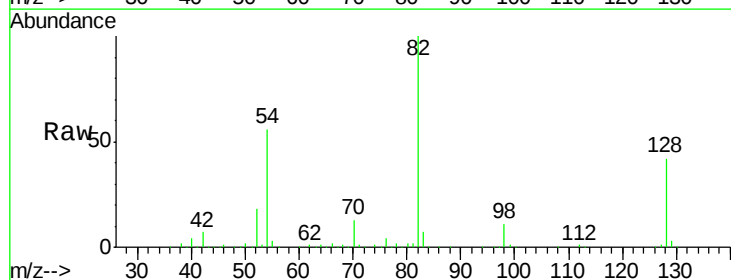
Instrument :
BNA_F
ClientSampleId :
38A-7-9

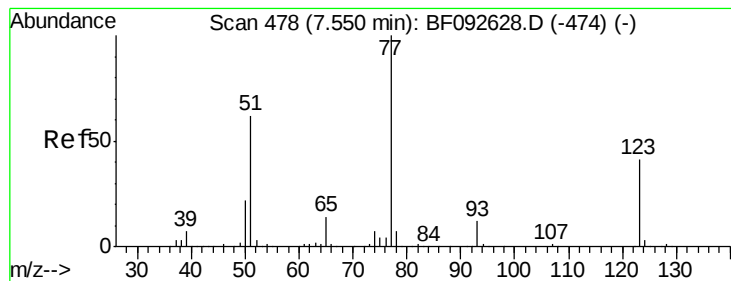
Tgt Ion:	136	Resp:	639742
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	9.3	4.5	6.7#
68	6.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 69.18 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Tgt Ion:	82	Resp:	794725
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	56.0	39.5	59.3





#24

Nitrobenzene

Concen: 0.15 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.08 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

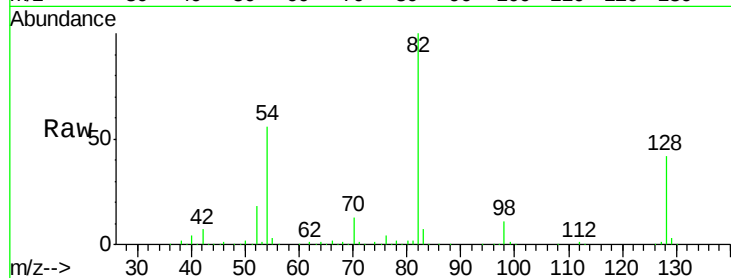
Tgt Ion: 77 Resp: 1815

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.4#

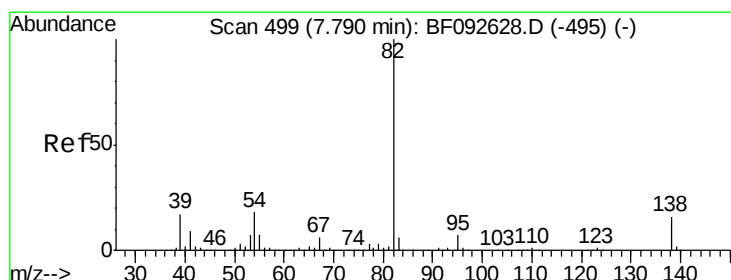
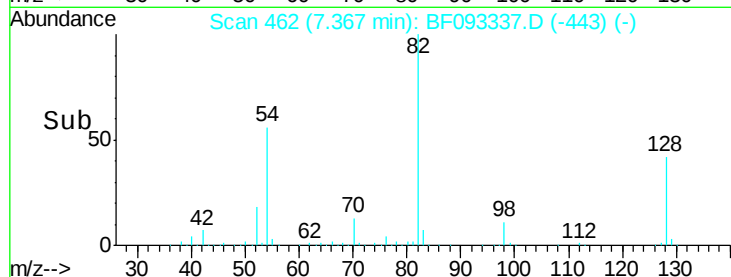
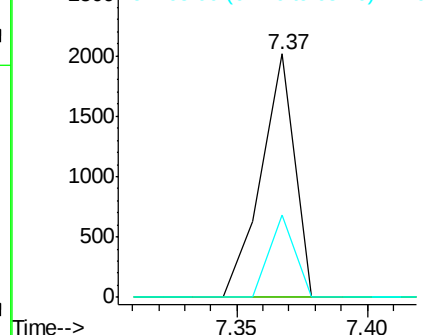
65 33.9 11.2 16.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 29.29 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.32 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

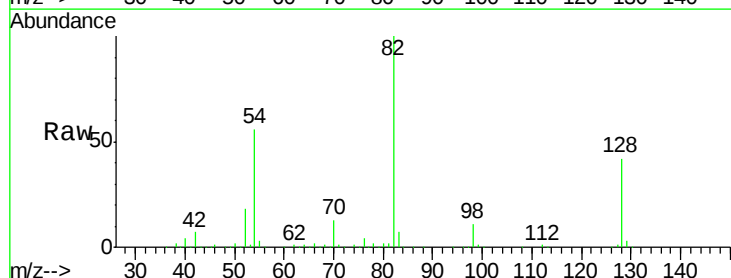
Tgt Ion: 82 Resp: 627103

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

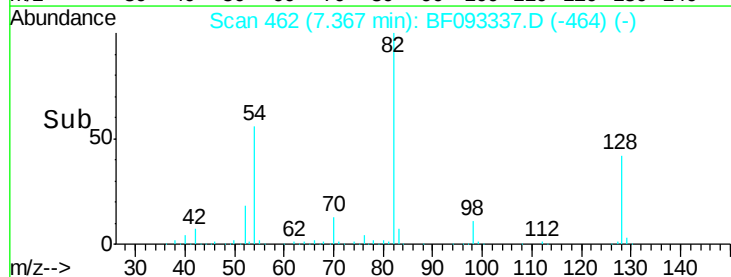
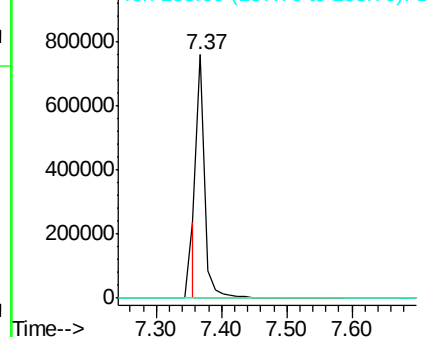
138 0.0 14.6 22.0#

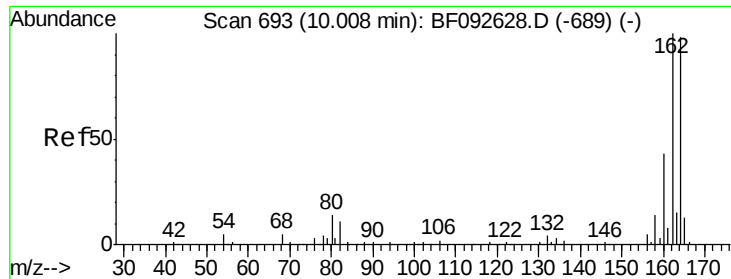


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

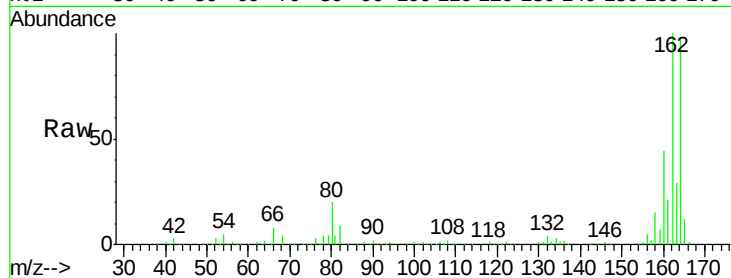
Tgt Ion:164 Resp: 309557

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

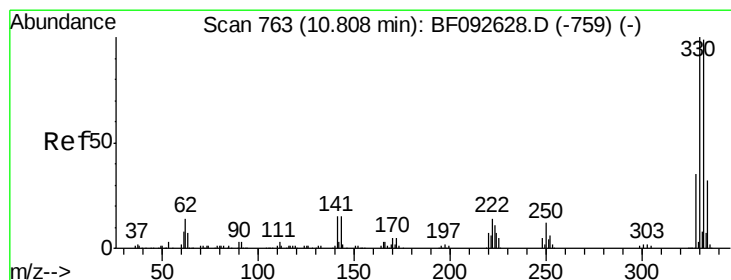
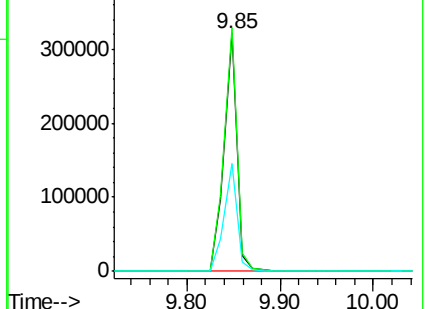
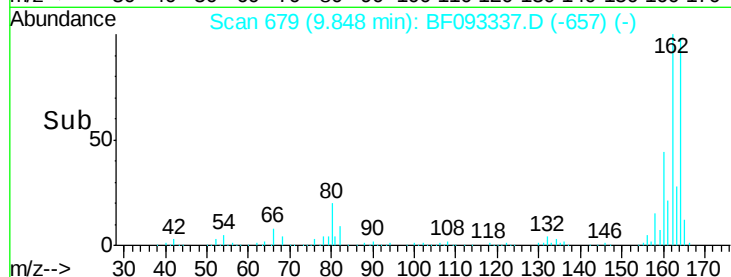
160 45.0 36.9 55.3



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: 103.50 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

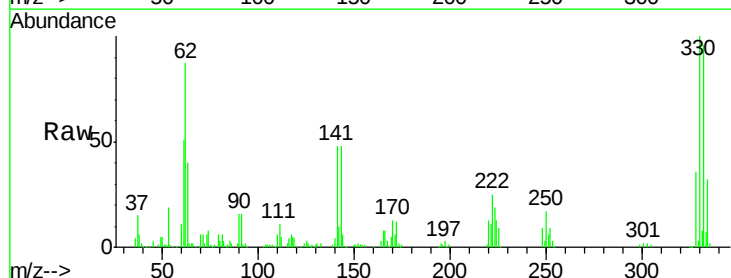
Tgt Ion:330 Resp: 231718

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

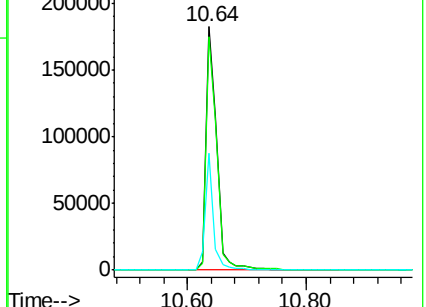
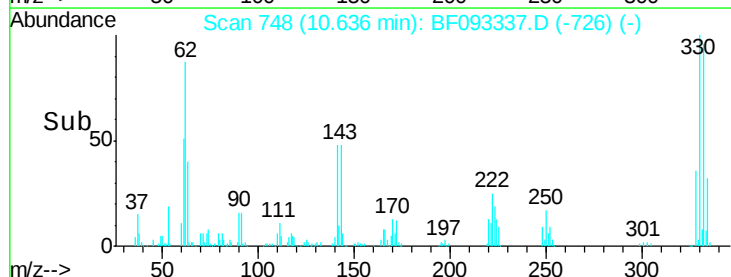
141 37.6 34.1 51.1

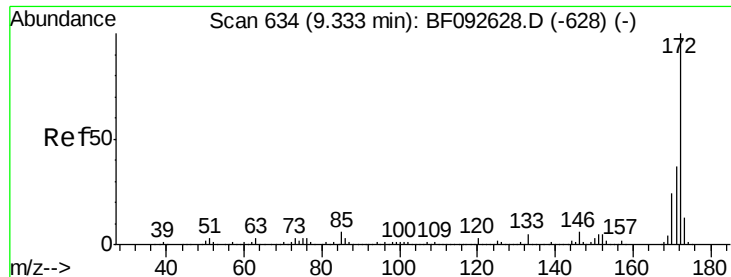


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

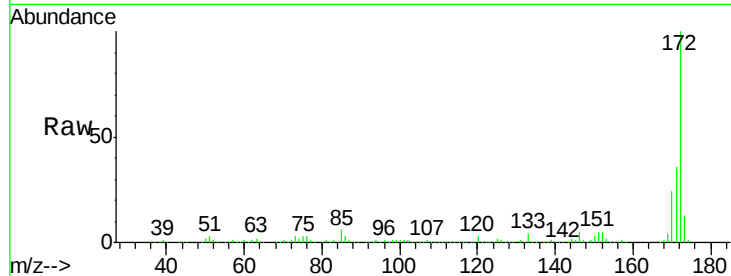




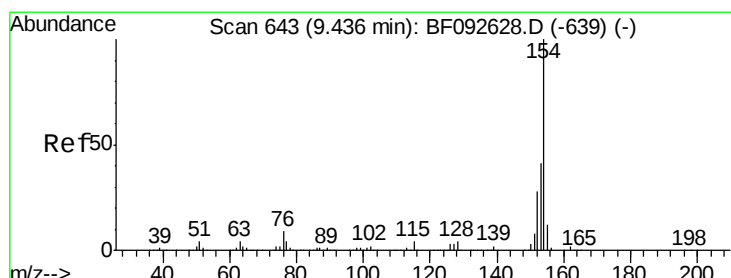
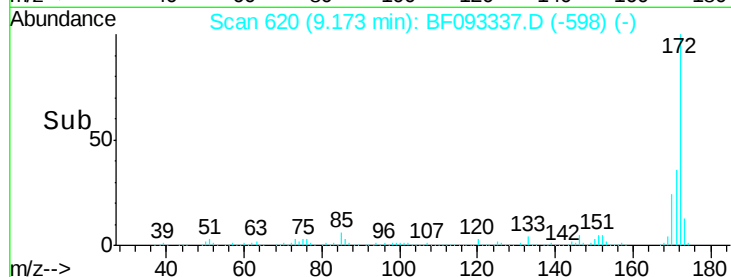
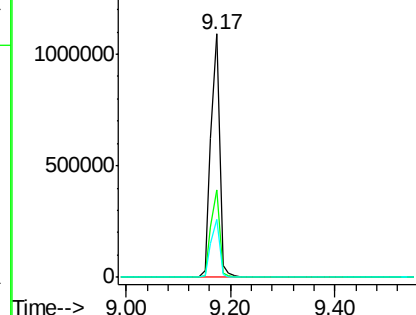
#44
 2-Fluorobiphenyl
 Concen: 74.10 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093337.D
 Acq: 2 Mar 2017 22:50

Instrument :
 BNA_F
 ClientSampled :
 38A-7-9

Tgt Ion:172 Resp: 1266102
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.8 20.2 30.4

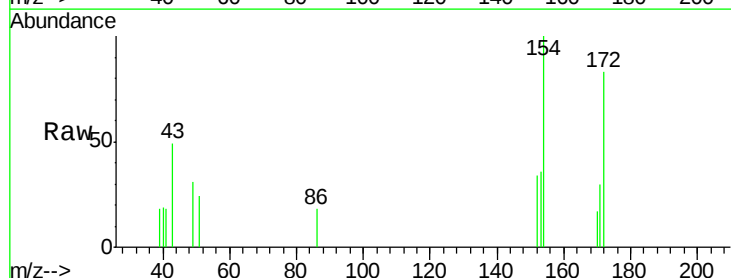


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

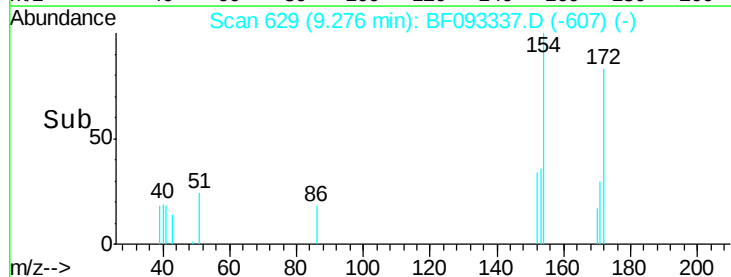
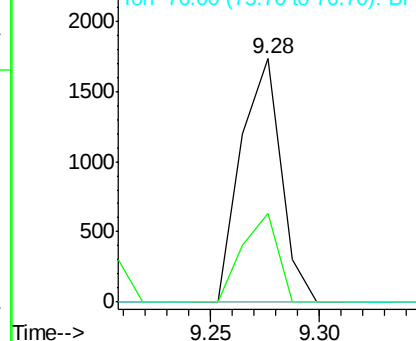


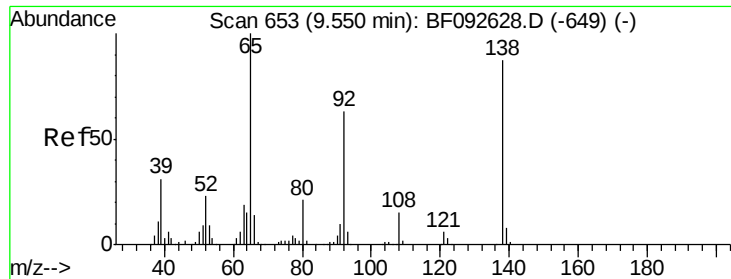
#45
 1,1'-Biphenyl
 Concen: 0.10 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093337.D
 Acq: 2 Mar 2017 22:50

Tgt Ion:154 Resp: 2219
 Ion Ratio Lower Upper
 154 100
 153 36.2 20.9 60.9
 76 0.0 0.0 30.5



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

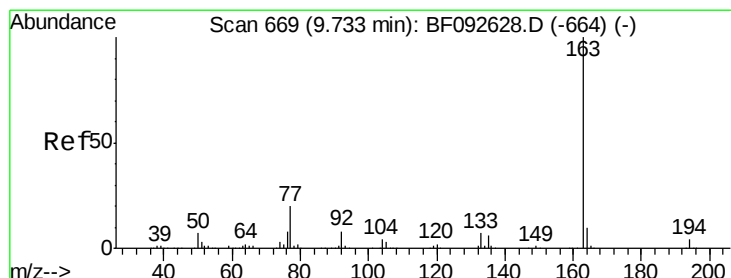
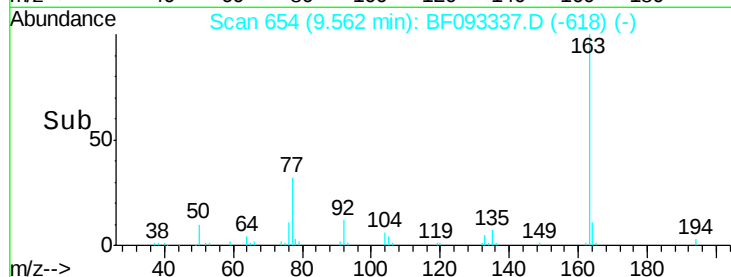
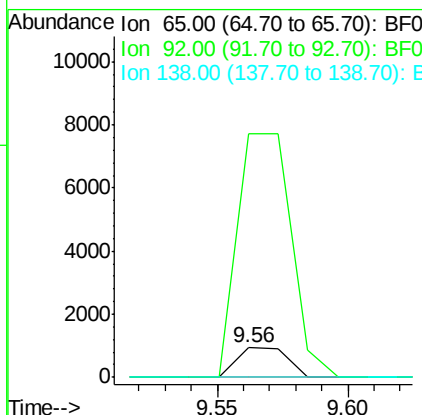
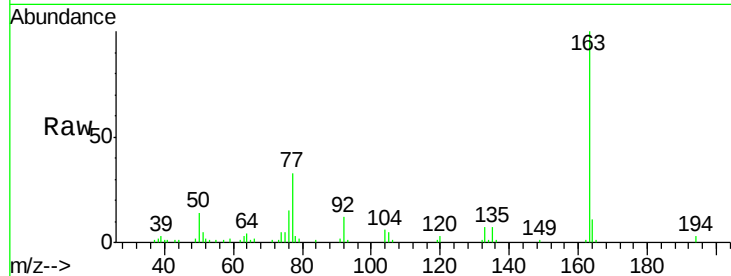




#47
2-Nitroaniline
Concen: 0.21 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.11 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

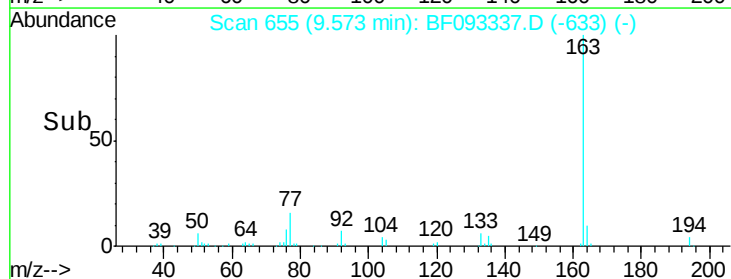
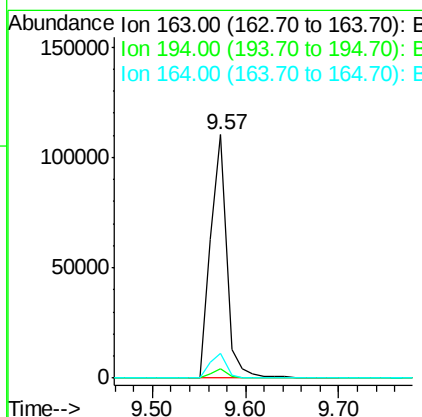
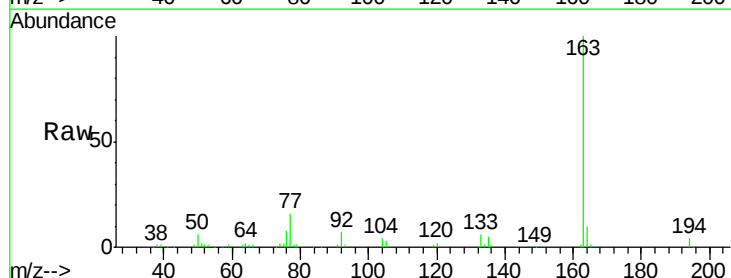
Instrument :
BNA_F
ClientSampled :
38A-7-9

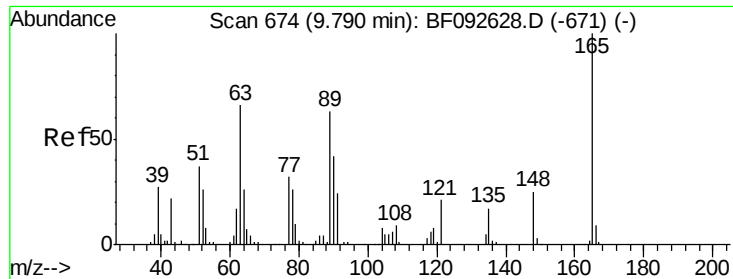
Tgt Ion: 65 Resp: 1256
Ion Ratio Lower Upper
65 100
92 820.6 53.9 80.9#
138 0.0 76.8 115.2#



#49
Dimethylphthalate
Concen: 6.44 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Tgt Ion: 163 Resp: 134275
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.3 8.0 12.0

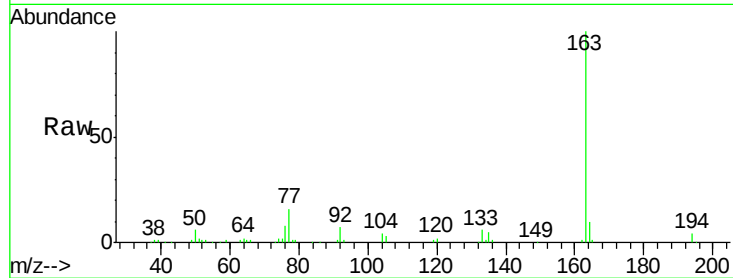




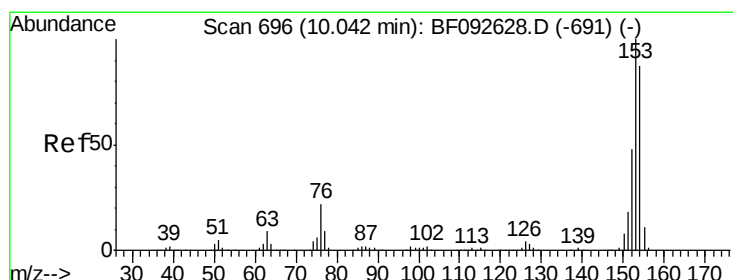
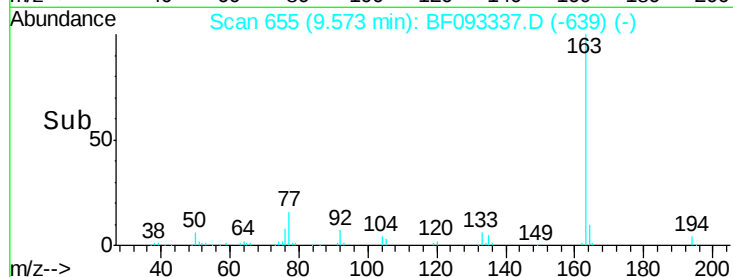
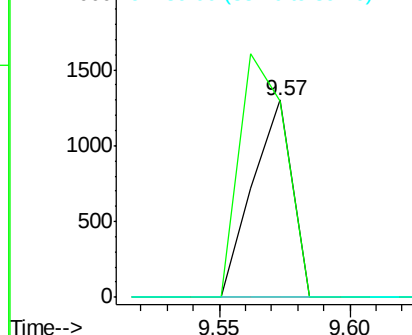
#50
2,6-Dinitrotoluene
Concen: 0.31 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.11 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Instrument :
BNA_F
ClientSampleId :
38A-7-9

Tgt Ion:165 Resp: 1382
Ion Ratio Lower Upper
165 100
63 99.5 36.2 54.4#
89 0.0 40.2 60.4#

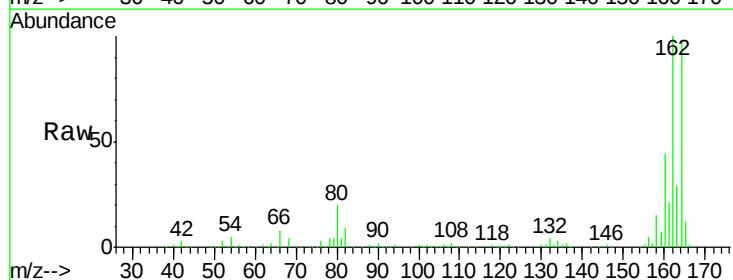


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

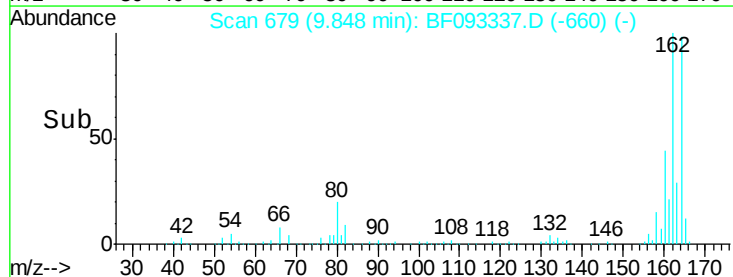
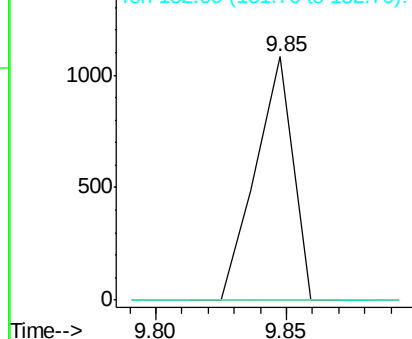


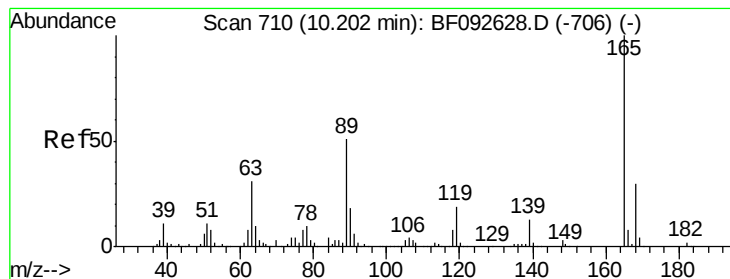
#51
Acenaphthene
Concen: 0.06 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.08 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Tgt Ion:154 Resp: 1074
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: 6.34 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.24 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

Tgt Ion:165 Resp: 38024

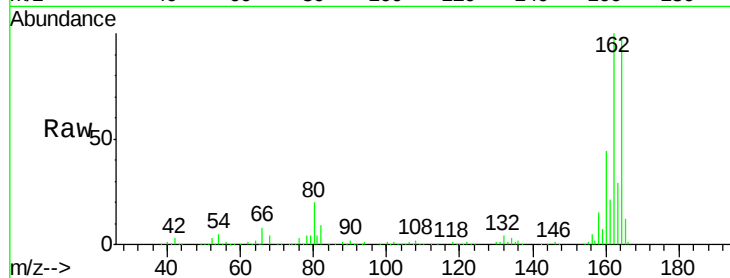
Ion Ratio Lower Upper

165 100

63 1.3 40.2 60.4#

89 1.6 62.5 93.7#

182 0.0 1.8 2.8#



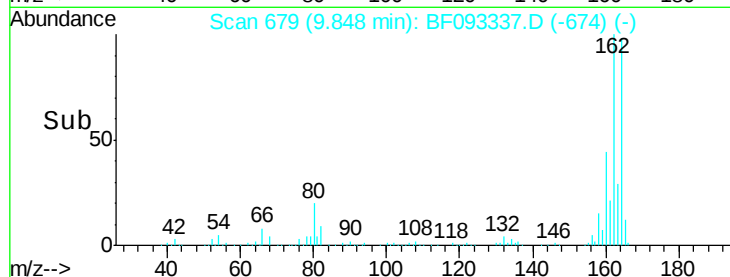
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

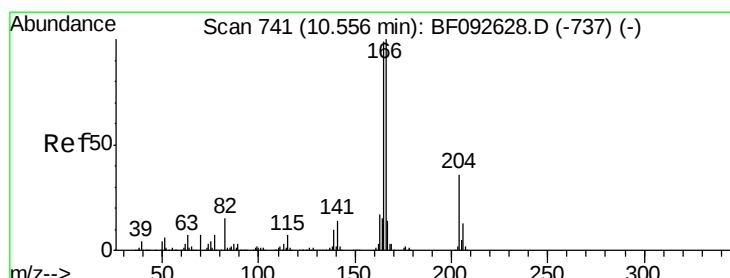
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#57

Fluorene

Concen: 0.69 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.19 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

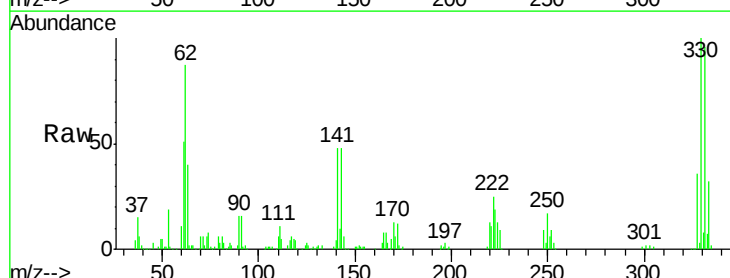
Tgt Ion:166 Resp: 12946

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

167 33.5 10.8 16.2#

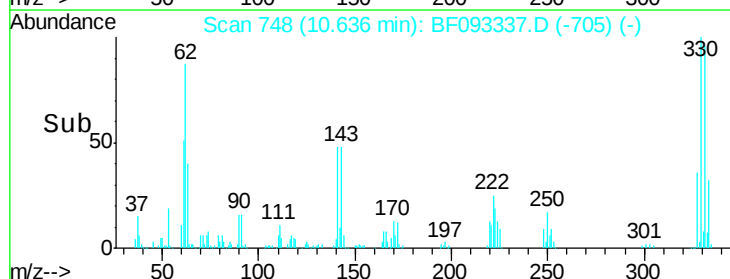


Abundance Ion 166.00 (165.70 to 166.70): E

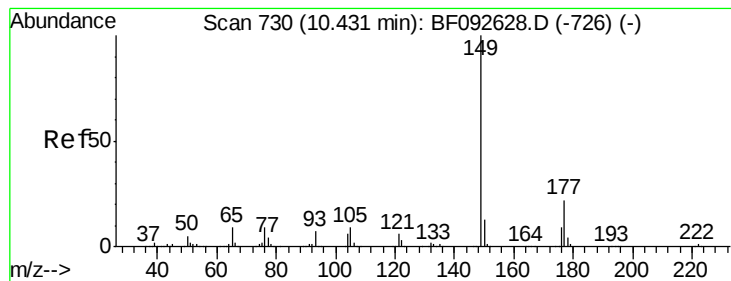
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#59

Diethylphthalate

Concen: 0.28 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

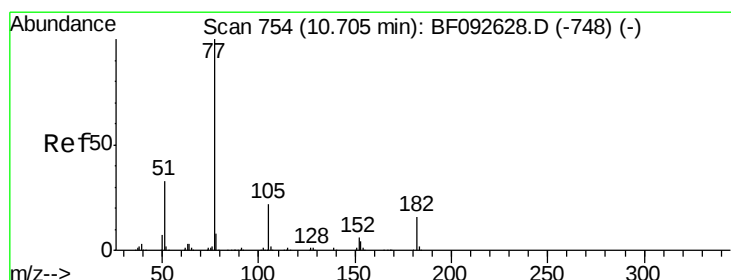
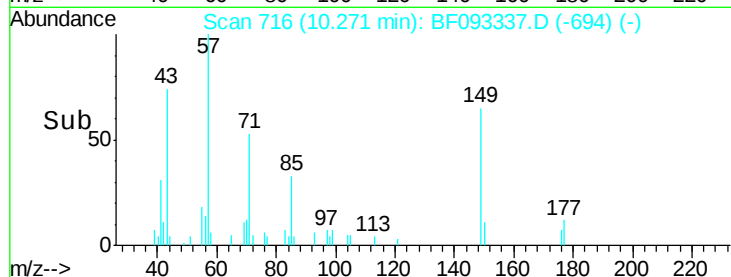
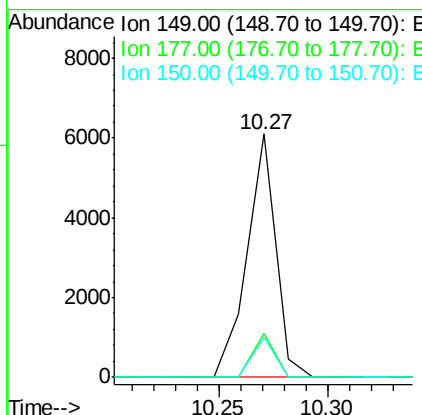
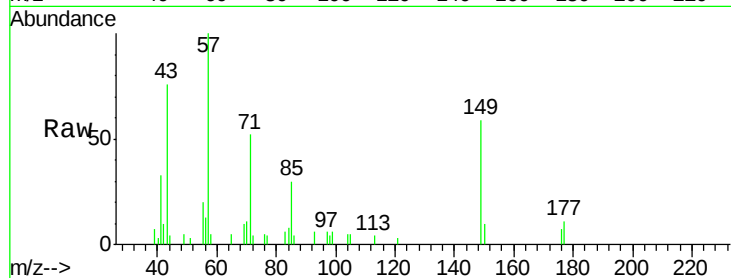
Tgt Ion: 149 Resp: 5570

Ion Ratio Lower Upper

149 100

177 18.1 16.6 25.0

150 16.7 10.4 15.6#



#62

Azobenzene

Concen: 0.06 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.05 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Tgt Ion: 77 Resp: 1159

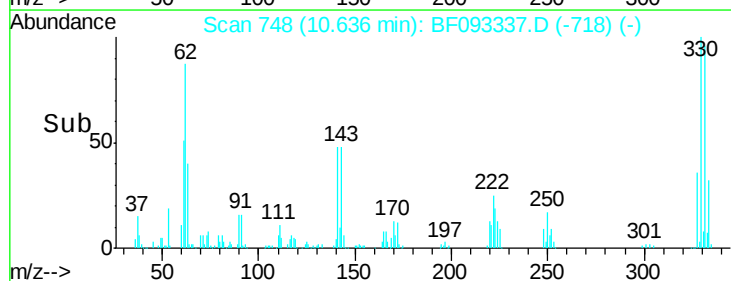
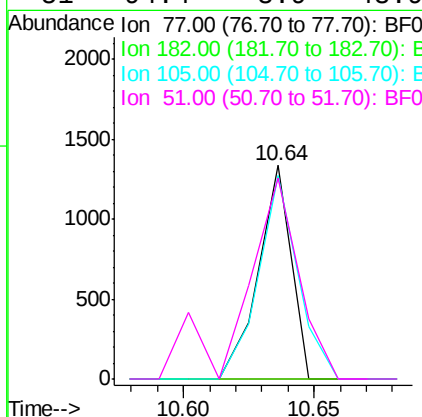
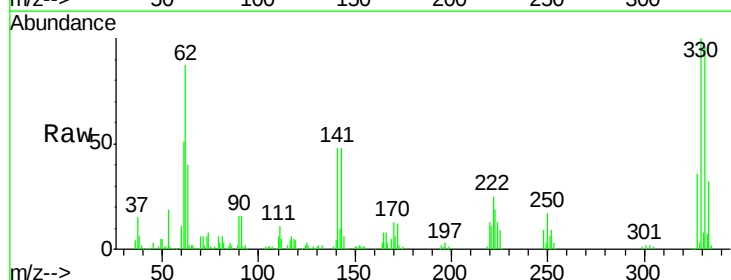
Ion Ratio Lower Upper

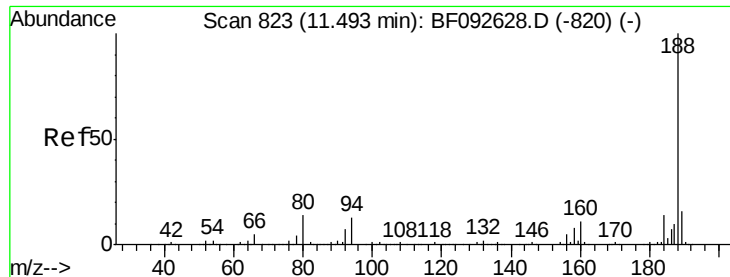
77 100

182 0.0 0.0 39.3

105 95.4 2.3 42.3#

51 94.4 8.9 48.9#

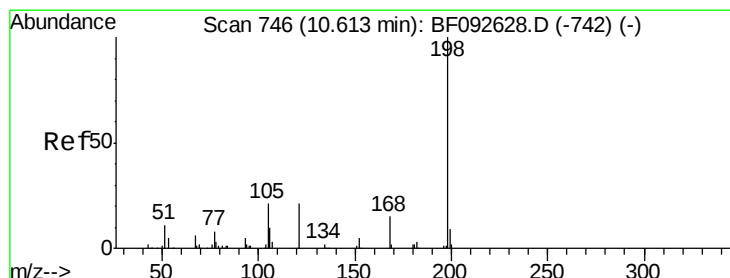
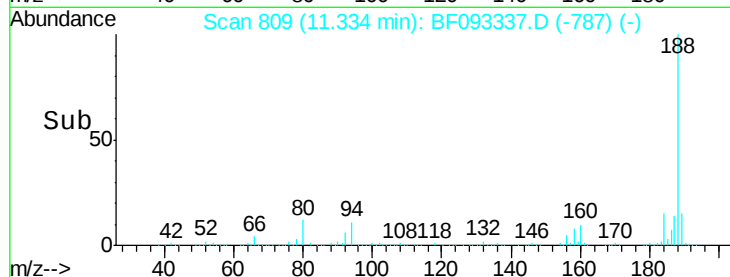
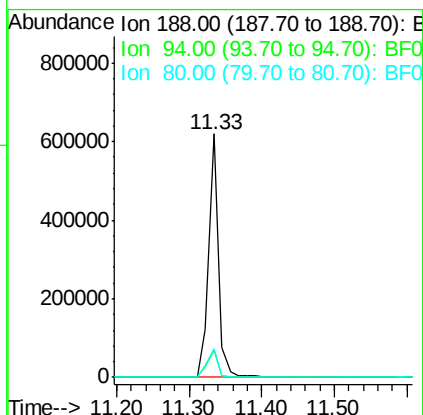
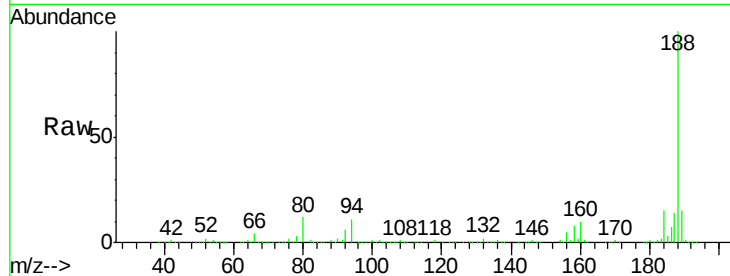




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

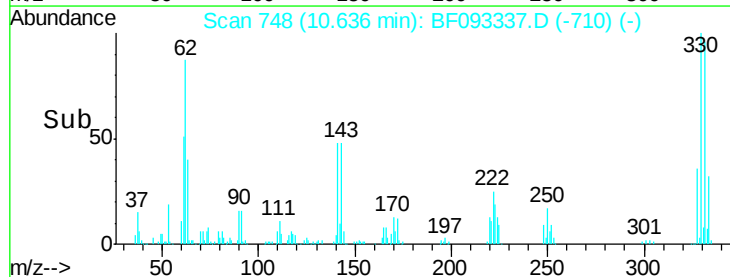
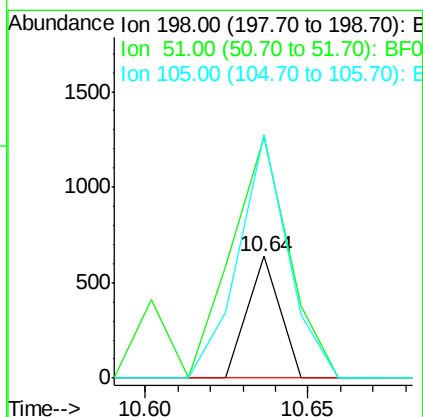
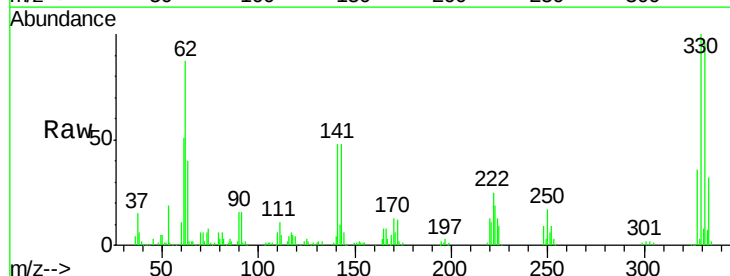
Instrument :
BNA_F
ClientSampleId :
38A-7-9

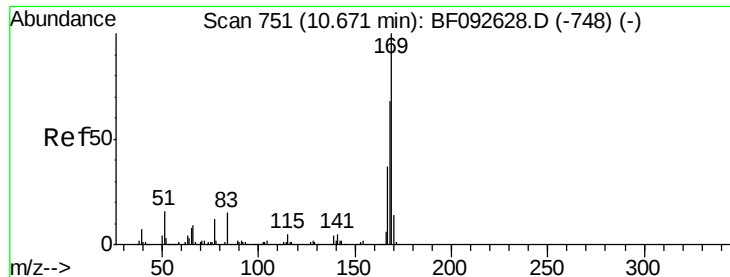
Tgt Ion:188 Resp: 581622
Ion Ratio Lower Upper
188 100
94 11.1 10.0 15.0
80 11.5 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.79 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Tgt Ion:198 Resp: 437
Ion Ratio Lower Upper
198 100
51 198.0 6.7 46.7#
105 200.2 16.6 56.6#

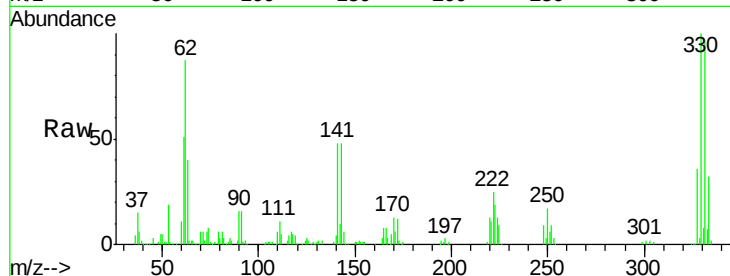




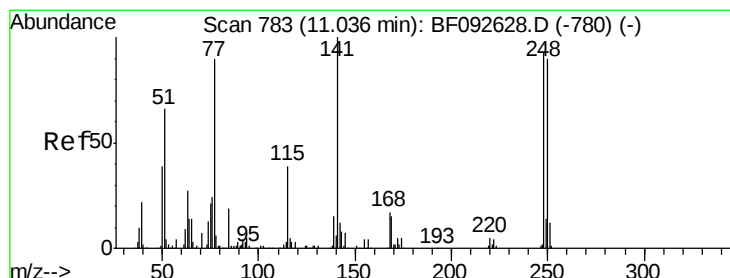
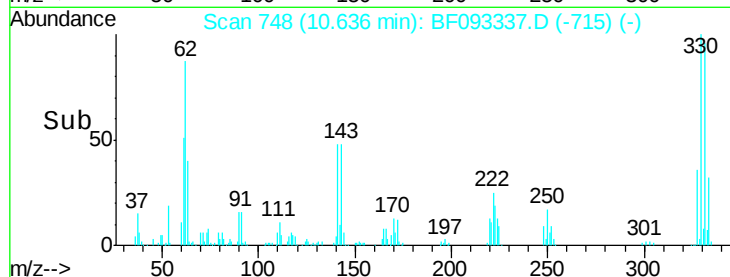
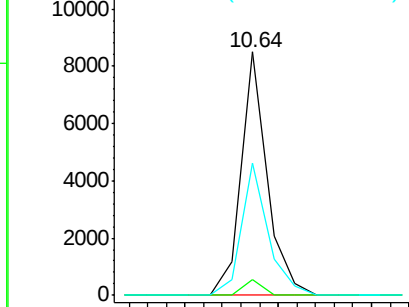
#65
n-Nitrosodiphenylamine
Concen: 0.45 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.08 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Instrument :
BNA_F
ClientSampled :
38A-7-9

Tgt Ion:169 Resp: 8352
Ion Ratio Lower Upper
169 100
168 6.7 54.2 81.2#
167 54.5 30.2 45.4#

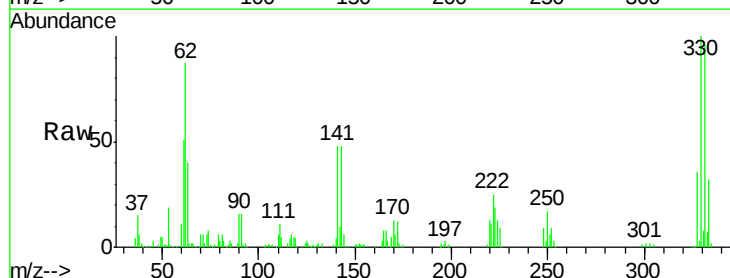


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

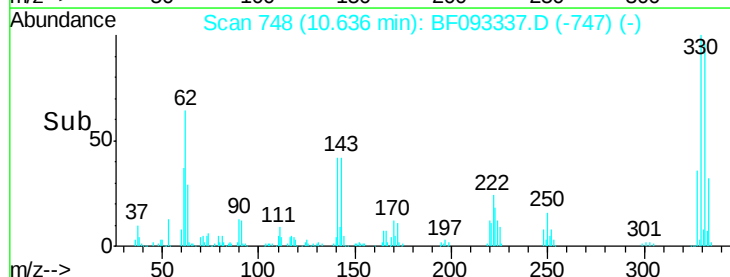
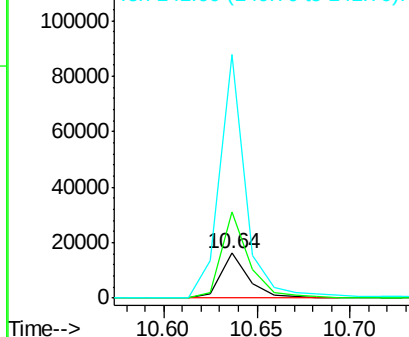


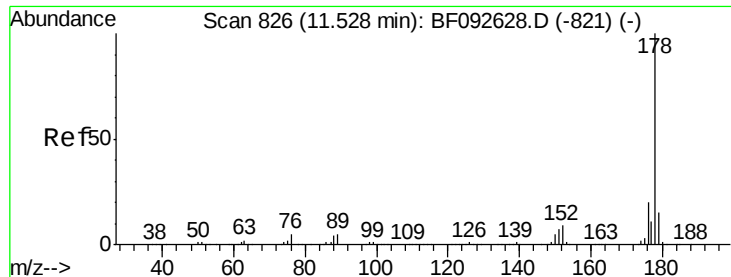
#66
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Tgt Ion:248 Resp: 16680
Ion Ratio Lower Upper
248 100
250 193.7 76.9 115.3#
141 543.2 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

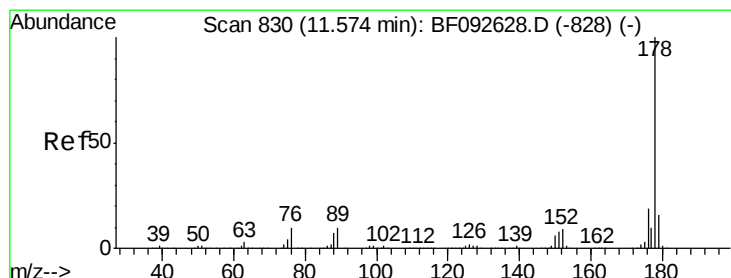
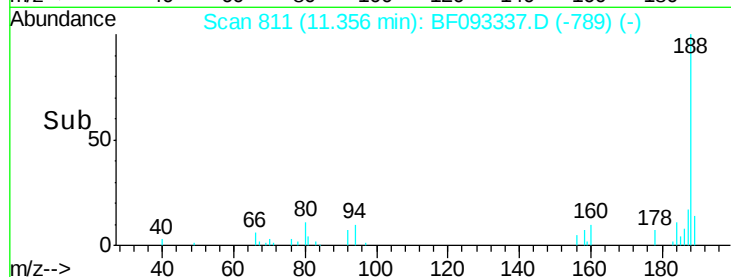
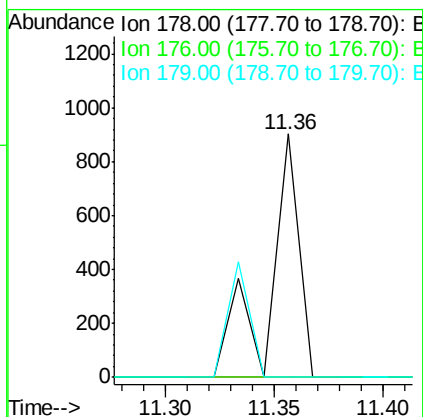
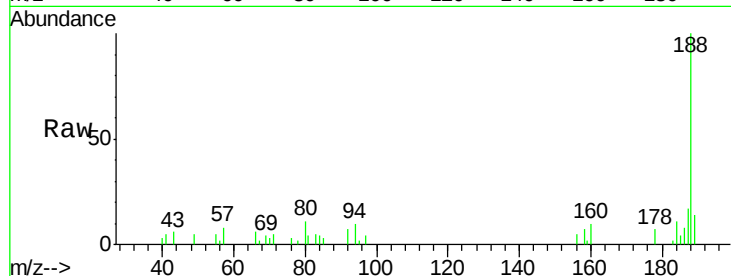




#70
Phenanthrene
Concen: 0.03 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

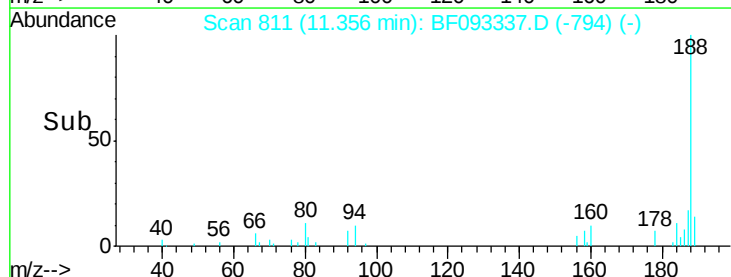
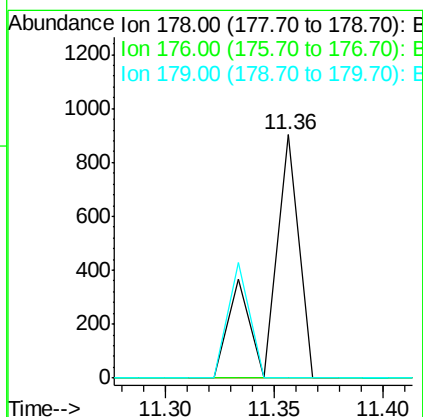
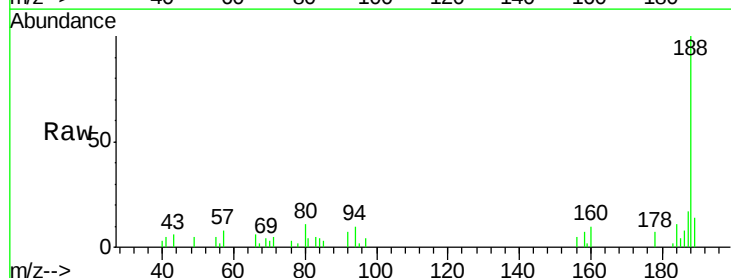
Instrument :
BNA_F
ClientSampleId :
38A-7-9

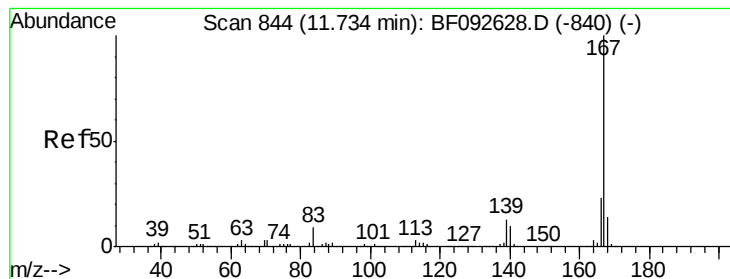
Tgt Ion:178 Resp: 872
Ion Ratio Lower Upper
178 100
176 0.0 16.6 25.0#
179 0.0 12.8 19.2#



#71
Anthracene
Concen: 0.03 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.10 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Tgt Ion:178 Resp: 872
Ion Ratio Lower Upper
178 100
176 0.0 15.9 23.9#
179 0.0 13.2 19.8#





#72

Carbazole

Concen: 0.01 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.27 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

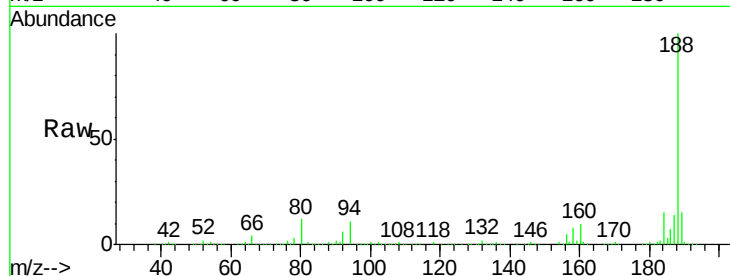
Tgt Ion:167 Resp: 239

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.2#

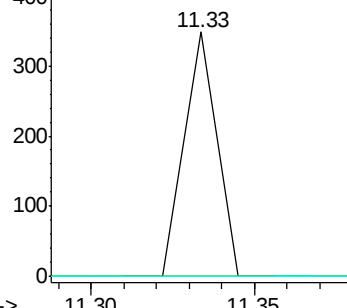
139 0.0 11.4 17.2#



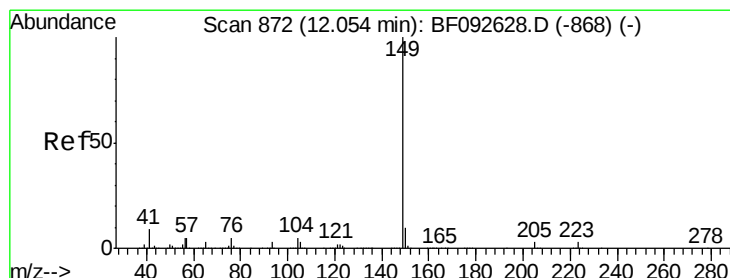
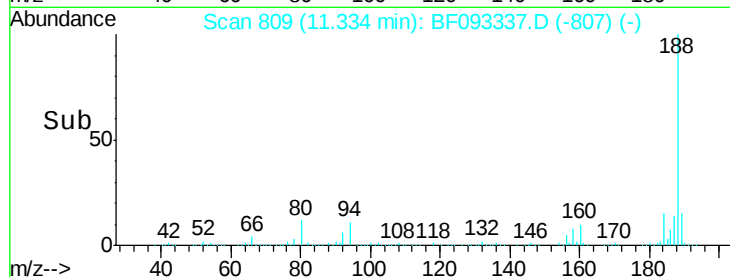
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 0.12 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

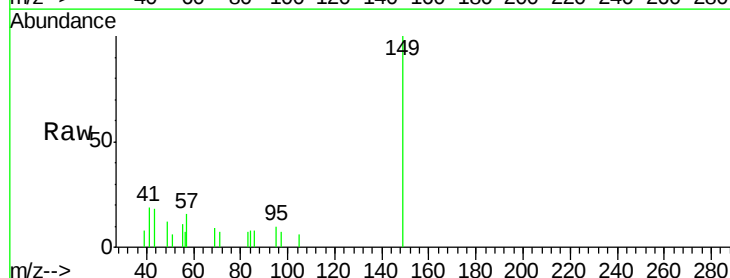
Tgt Ion:149 Resp: 4250

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

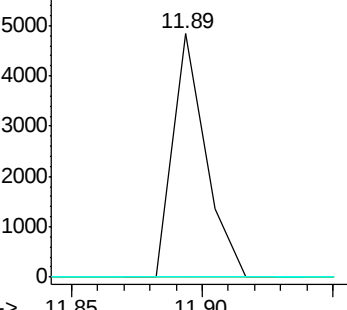
104 0.0 4.6 7.0#



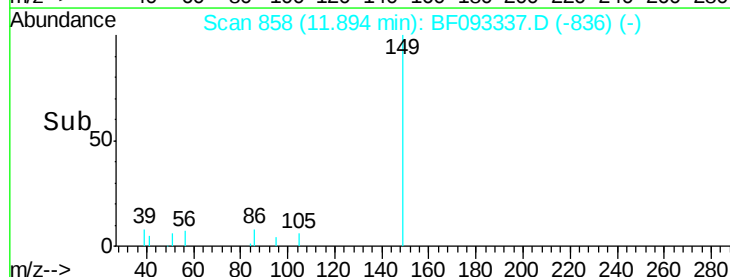
Abundance Ion 149.00 (148.70 to 149.70): E

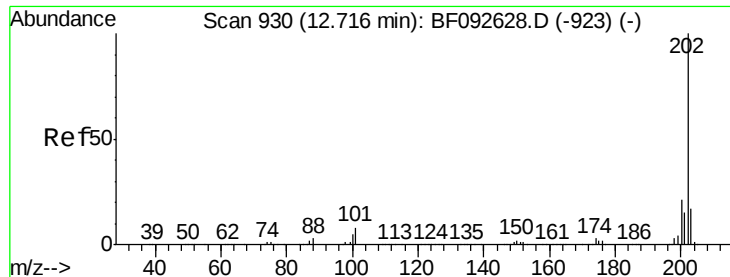
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

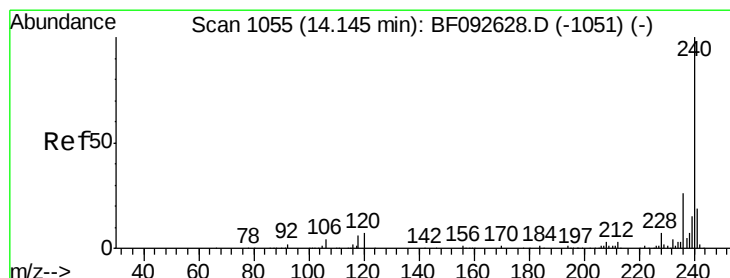
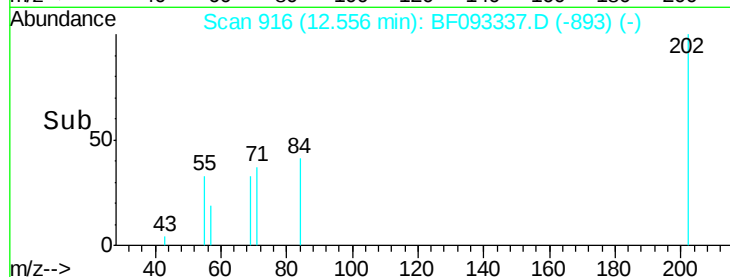
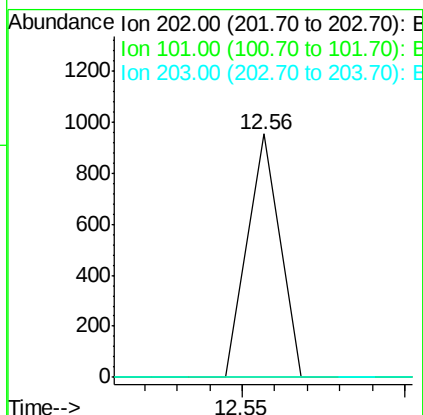
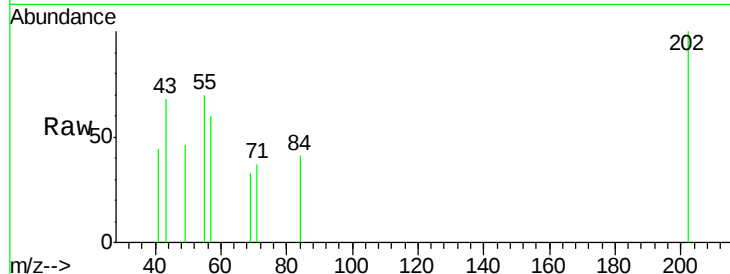




#74
Fluoranthene
 Concen: 0.02 ng
 RT: 12.56 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF093337.D
 Acq: 2 Mar 2017 22:50

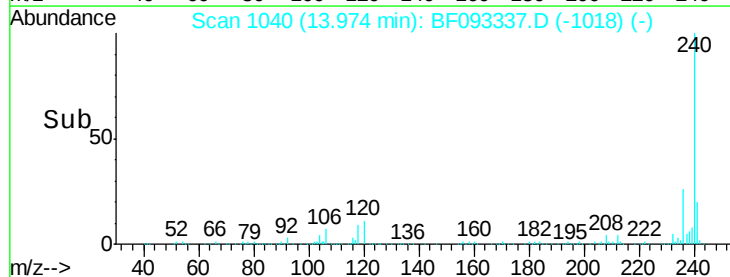
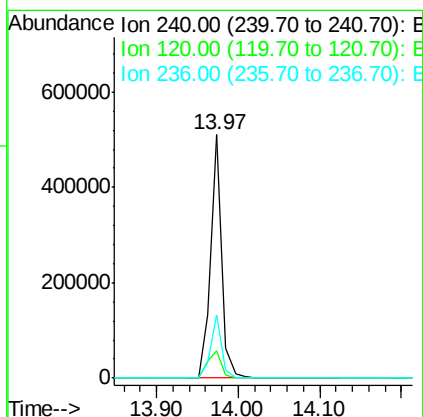
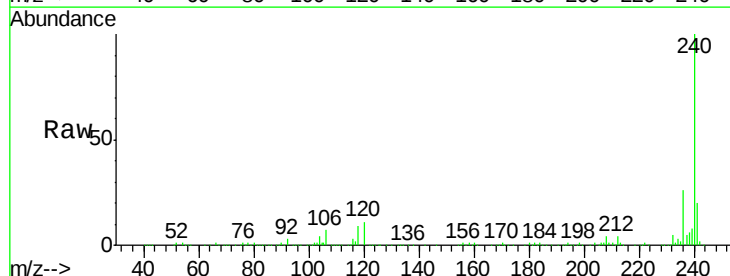
Instrument :
 BNA_F
 ClientSampleId :
 38A-7-9

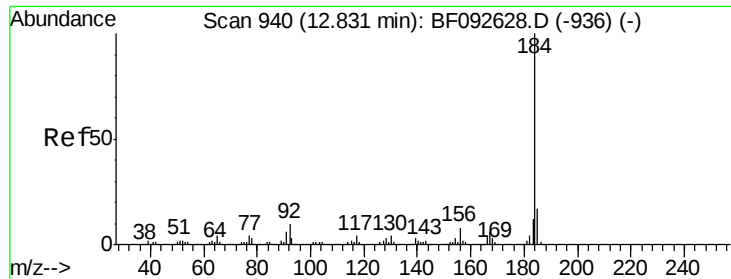
Tgt Ion: 202 Resp: 655
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 34.6
 203 0.0 0.0 38.7



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF093337.D
 Acq: 2 Mar 2017 22:50

Tgt Ion: 240 Resp: 495683
 Ion Ratio Lower Upper
 240 100
 120 11.2 12.9 19.3#
 236 25.9 20.9 31.3





#76

Benzidine

Concen: 0.67 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.21 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

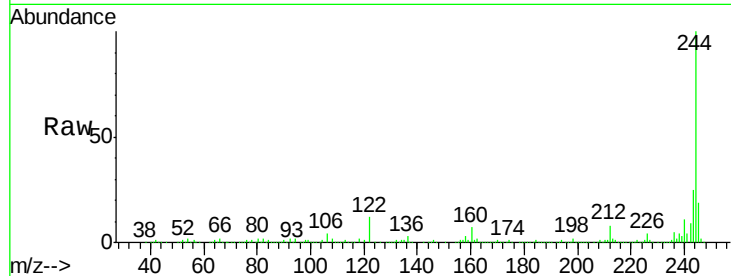
Tgt Ion:184 Resp: 14243

Ion Ratio Lower Upper

184 100

185 17.0 13.4 20.0

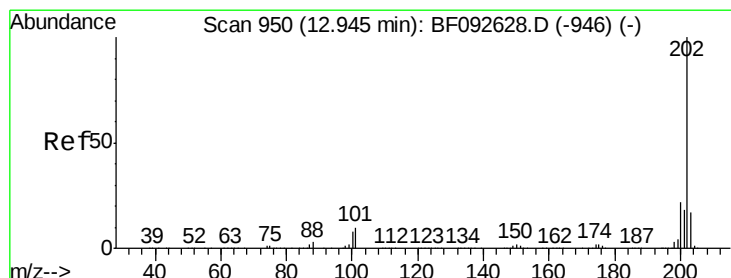
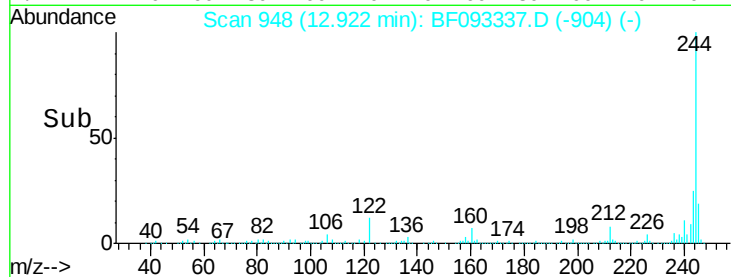
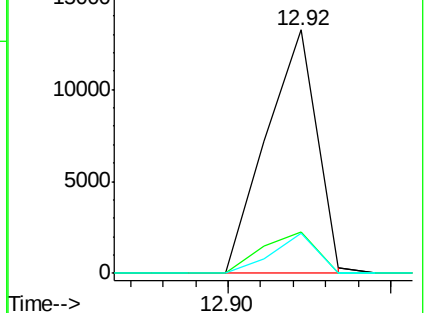
183 16.4 9.2 13.8#



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: 0.02 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

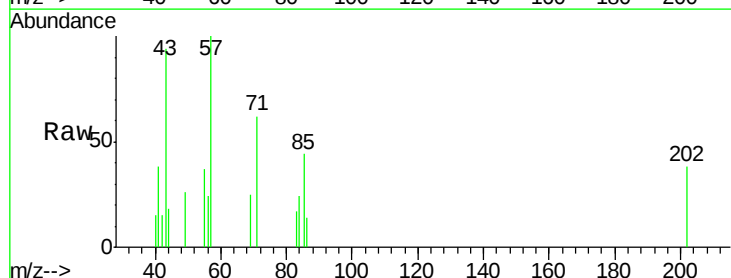
Tgt Ion:202 Resp: 573

Ion Ratio Lower Upper

202 100

200 0.0 17.7 26.5#

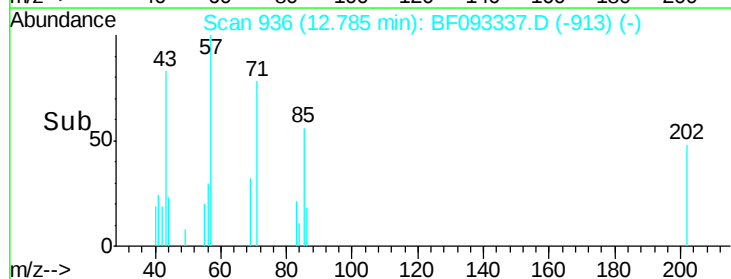
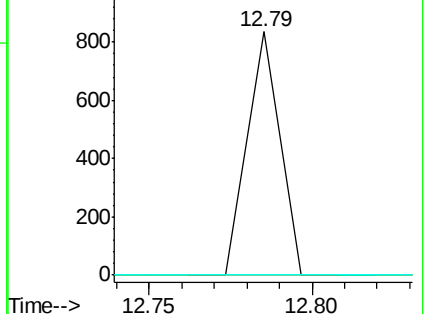
203 0.0 14.7 22.1#

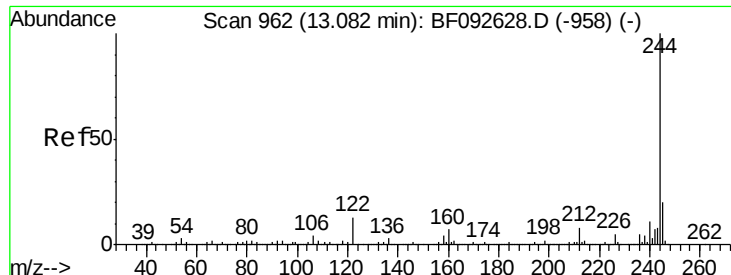


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 51.36 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampled :

38A-7-9

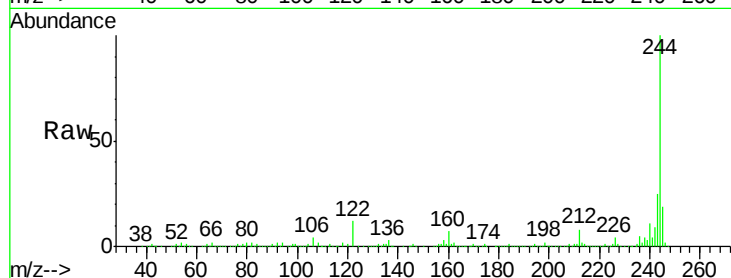
Tgt Ion:244 Resp: 1083403

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

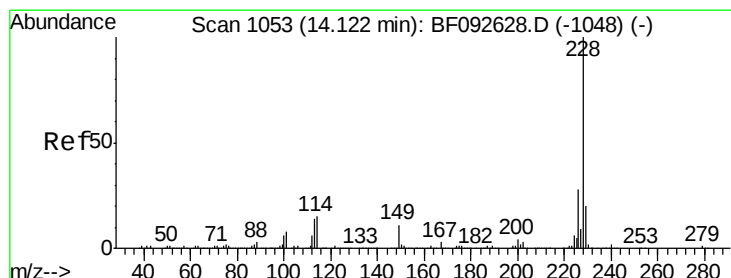
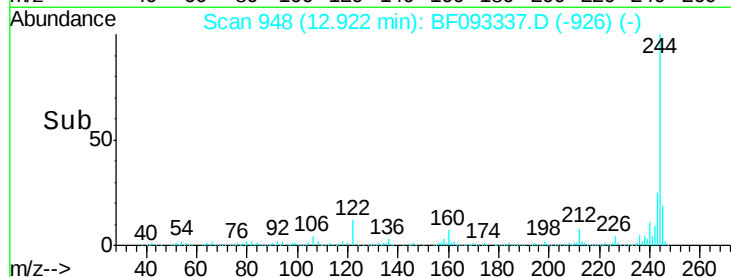
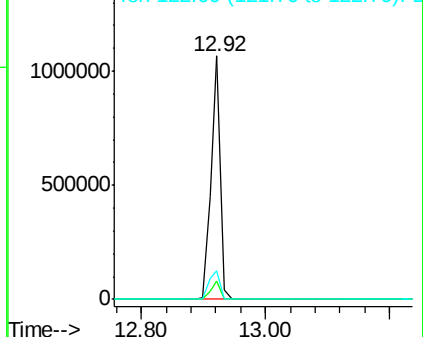
122 11.9 11.4 17.2



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



#80

Benzo(a)anthracene

Concen: 0.09 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

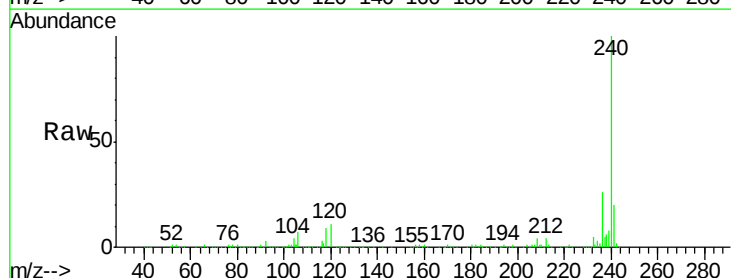
Tgt Ion:228 Resp: 2835

Ion Ratio Lower Upper

228 100

226 0.0 22.4 33.6#

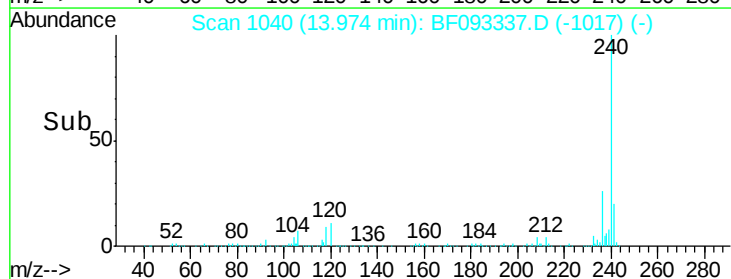
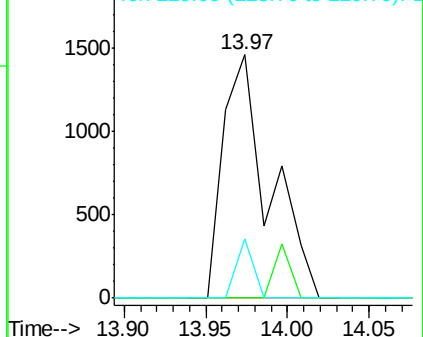
229 24.4 16.2 24.4

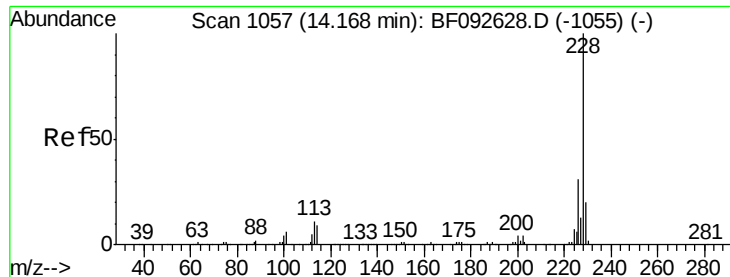


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.10 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.07 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9

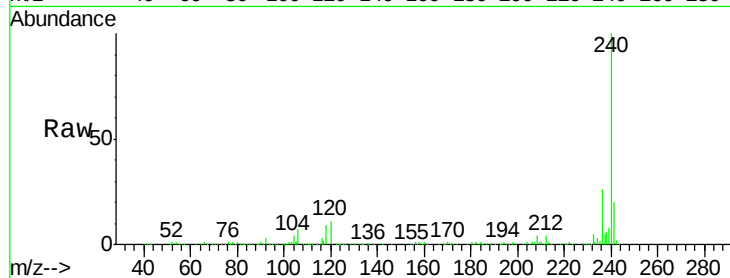
Tgt Ion: 228 Resp: 2835

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

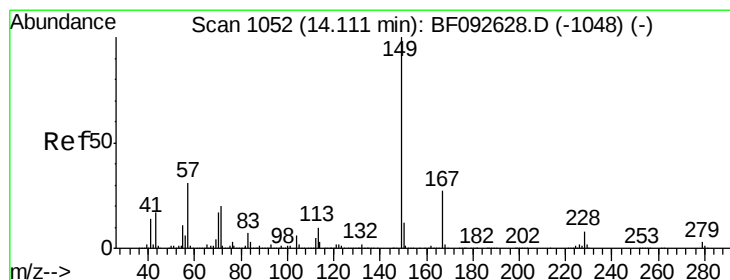
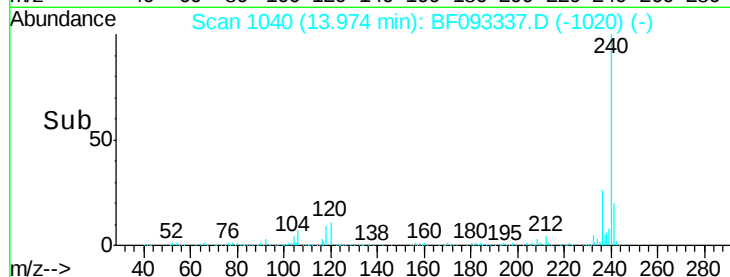
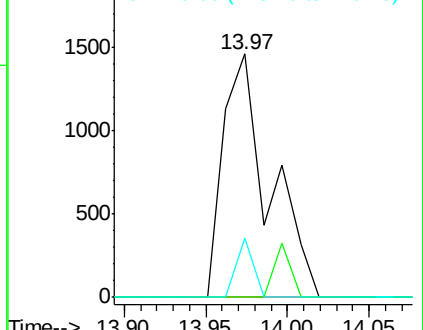
229 24.4 16.2 24.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.18 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.06 min

Lab File: BF093337.D

Acq: 2 Mar 2017 22:50

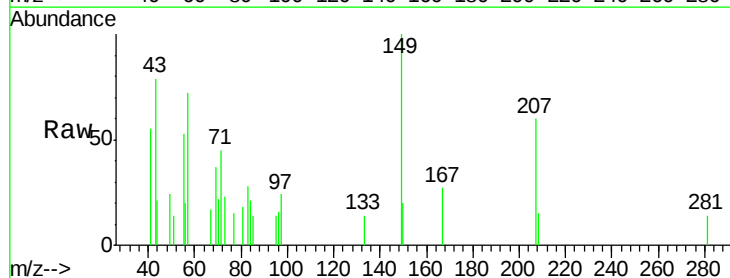
Tgt Ion: 149 Resp: 3628

Ion Ratio Lower Upper

149 100

167 26.8 20.2 30.4

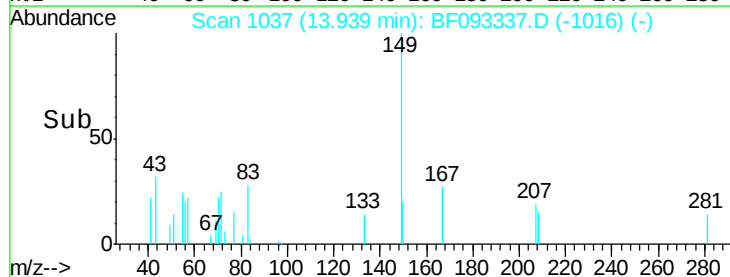
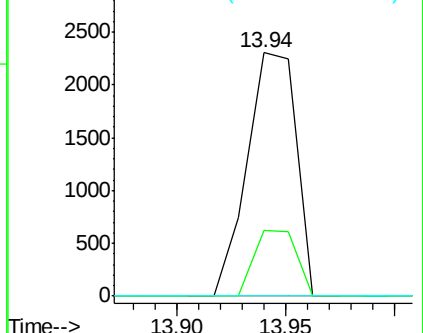
279 0.0 1.8 2.8#

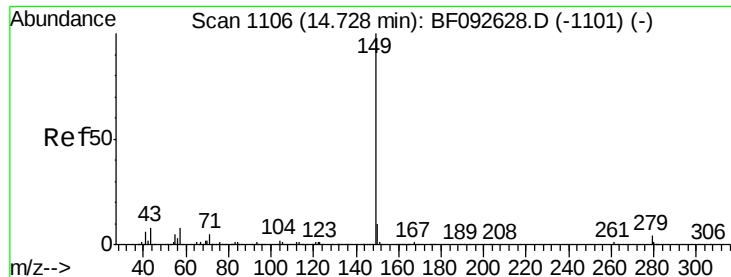


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

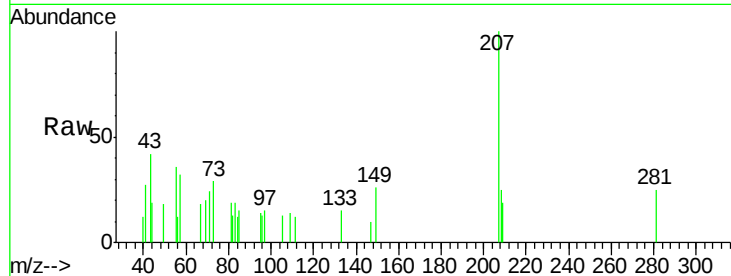




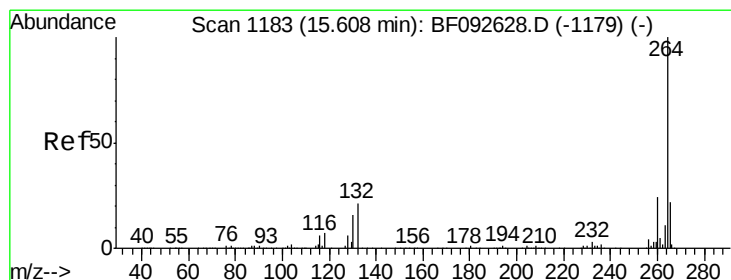
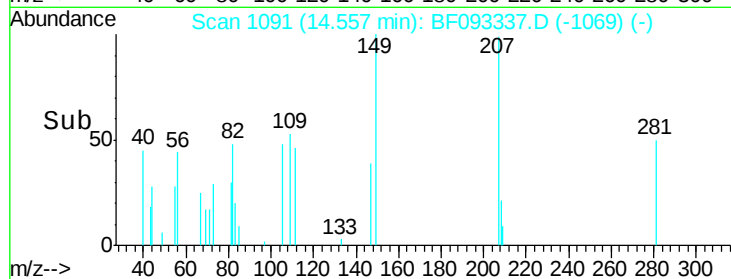
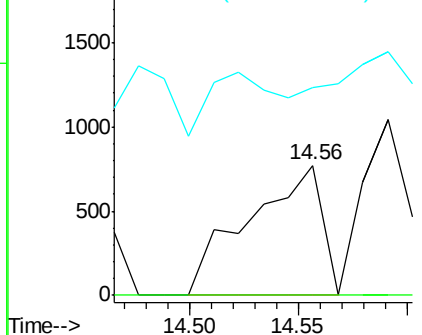
#84
Di-n-octyl phthalate
Concen: 0.05 ng
RT: 14.56 min Scan# 1091
Delta R.T. -0.05 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Instrument :
BNA_F
ClientSampleId :
38A-7-9

Tgt Ion:149 Resp: 1828
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 8.9 13.3#

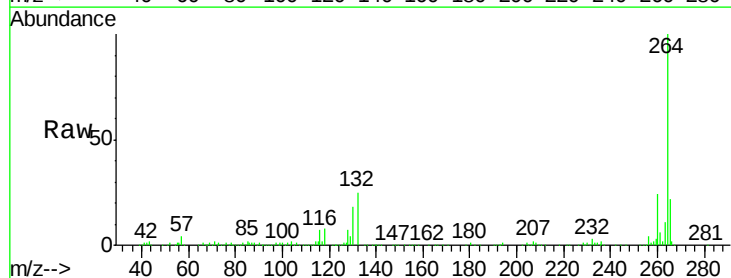


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

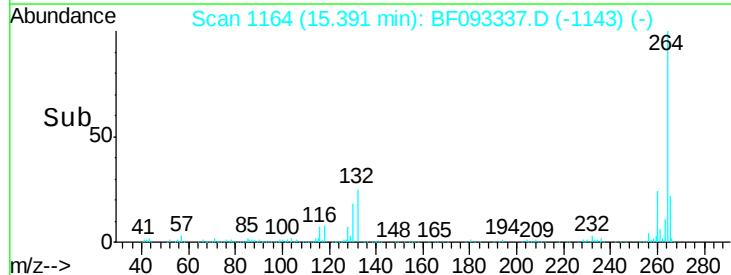
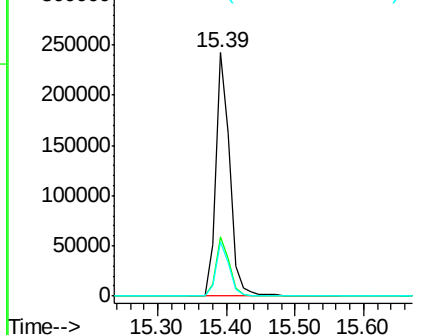


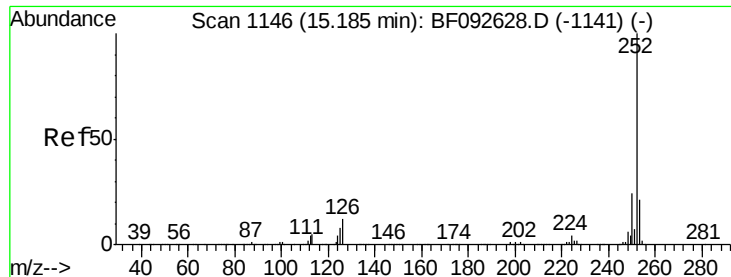
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Tgt Ion:264 Resp: 348381
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.1 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

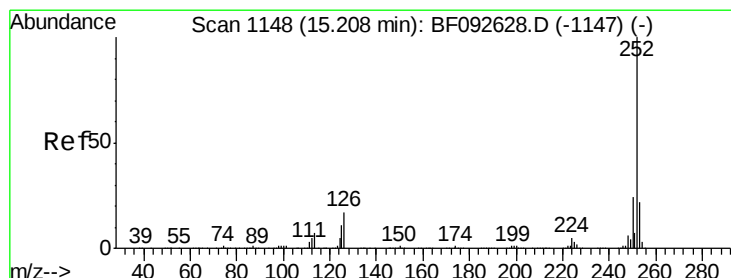
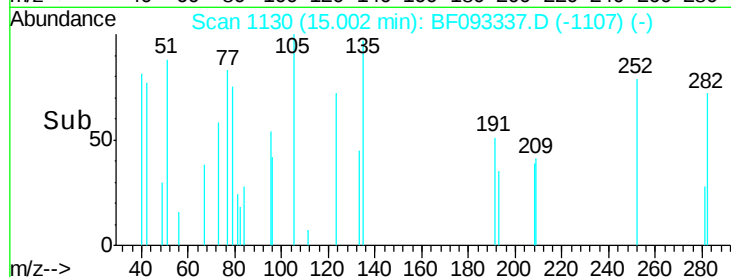
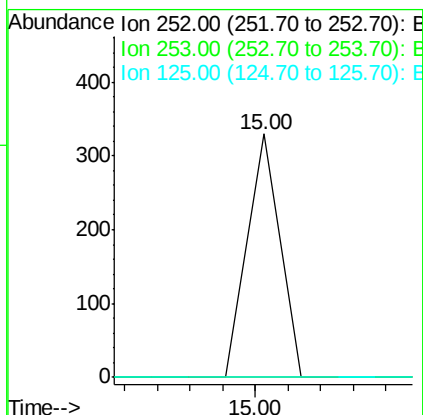
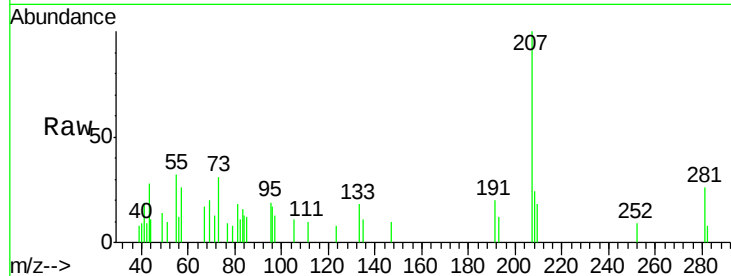




#87
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

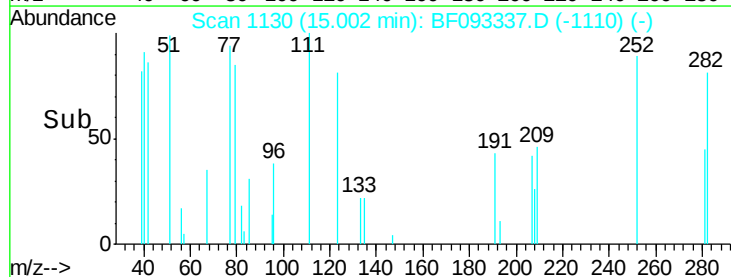
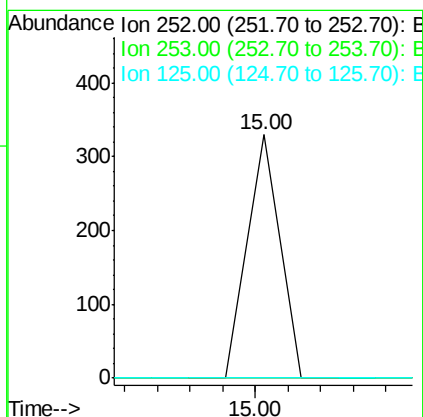
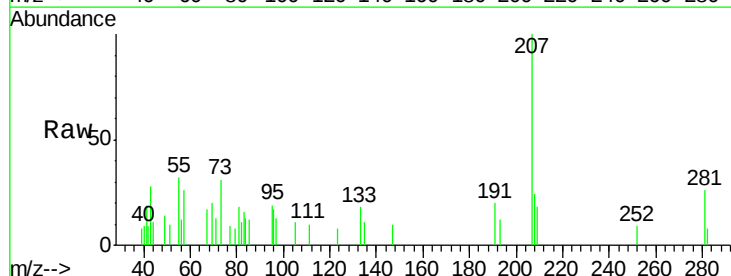
Instrument :
BNA_F
ClientSampleId :
38A-7-9

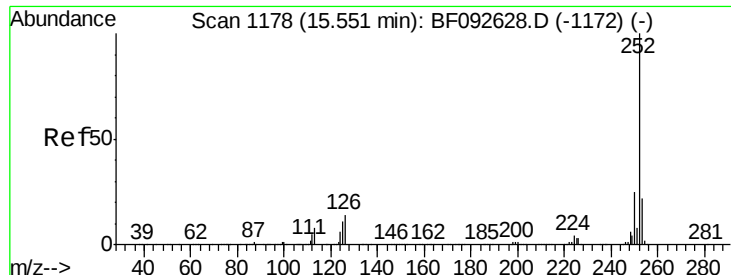
Tgt Ion: 252 Resp: 226
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093337.D
Acq: 2 Mar 2017 22:50

Tgt Ion: 252 Resp: 226
Ion Ratio Lower Upper
252 100
253 0.0 18.5 27.7#
125 0.0 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 0.06 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF093337.D

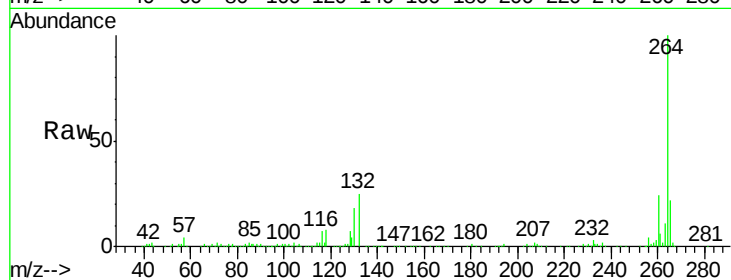
Acq: 2 Mar 2017 22:50

Instrument :

BNA_F

ClientSampleId :

38A-7-9



Tgt Ion:	252	Resp:	1122
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.2	27.2#
125	57.4	10.0	15.0#

