

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
 Data File : BF092102.D
 Acq On : 5 Jan 2017 21:25
 Operator : UM/SJ
 Sample : I1003-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Jan 06 00:03:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	192146	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	737579	20.00	ng	-0.06
38) Acenaphthene-d10	9.68	164	397381	20.00	ng	-0.07
63) Phenanthrene-d10	11.17	188	706043	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	562618	20.00	ng	-0.07
86) Perylene-d12	15.17	264	390064	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	911515	79.21	ng	-0.07
7) Phenol-d6	6.31	99	676377	48.14	ng	-0.07
23) Nitrobenzene-d5	7.22	82	1332024	100.42	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	519470	157.96	ng	-0.06
44) 2-Fluorobiphenyl	9.02	172	1993966	106.00	ng	-0.06
78) Terphenyl-d14	12.76	244	1918160	82.69	ng	-0.06

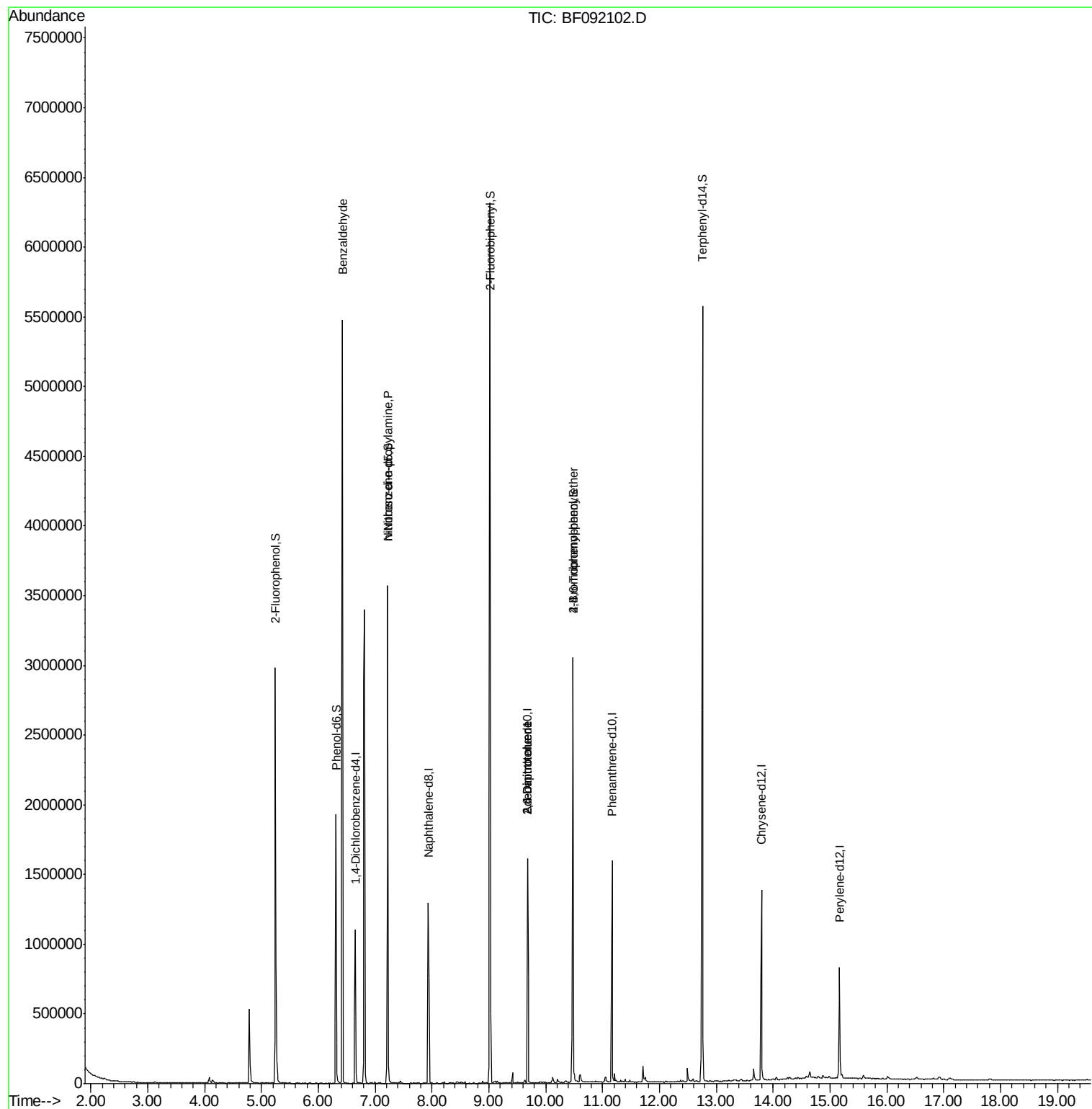
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.42	77	34224	3.04	ng	# 74
19) n-Nitroso-di-n-propylamine	7.22	70	180750	19.34	ng	# 76
37) 2-Methylnaphthalene	8.65	142	381	Below Cal		# 57
50) 2,6-Dinitrotoluene	9.68	165	51459	9.25	ng	# 31
56) 2,4-Dinitrotoluene	9.68	165	51450	7.37	ng	# 20
66) 4-Bromophenyl-phenylether	10.48	248	34028	4.63	ng	# 1
71) Anthracene	11.24	178	2584	Below Cal		# 96
73) Di-n-butylphthalate	11.74	149	4256	Below Cal		# 92
74) Fluoranthene	12.37	202	5394	Below Cal		# 98

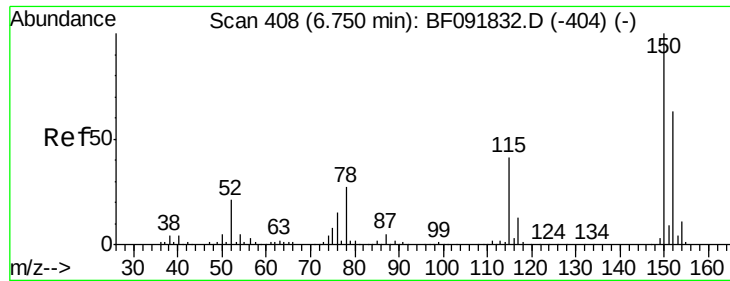
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF092102.D

Acq: 5 Jan 2017 21:25

Instrument :

BNA_F

ClientSampleId :

DSN001

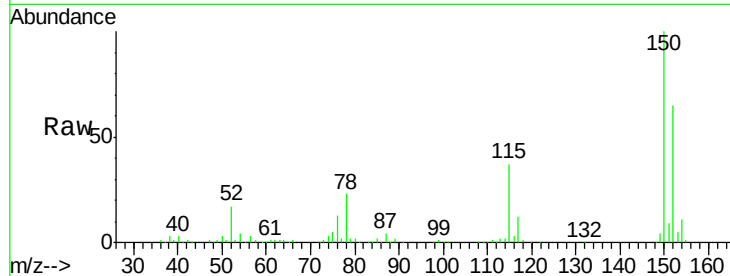
Tgt Ion:152 Resp: 192146

Ion Ratio Lower Upper

152 100

150 153.8 124.9 187.3

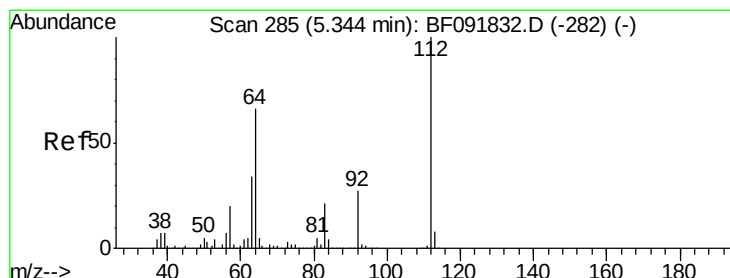
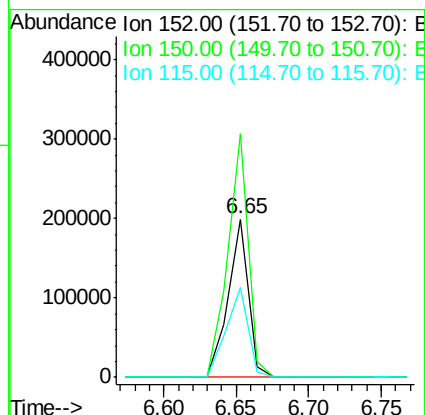
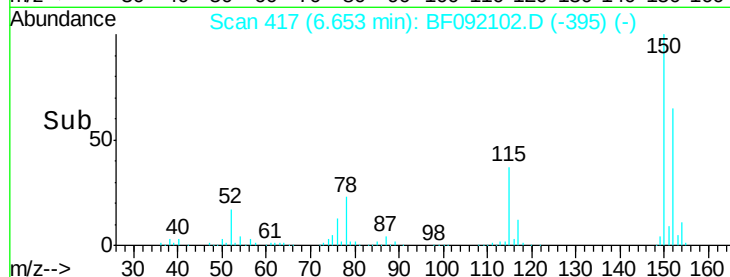
115 57.2 46.0 69.0



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



#5

2-Fluorophenol

Concen: 79.21 ng

RT: 5.25 min Scan# 294

Delta R.T. -0.07 min

Lab File: BF092102.D

Acq: 5 Jan 2017 21:25

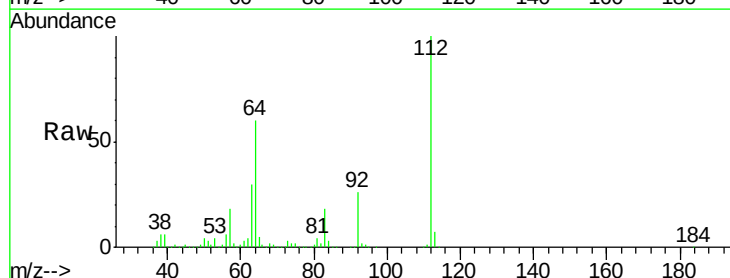
Tgt Ion:112 Resp: 911515

Ion Ratio Lower Upper

112 100

64 60.4 46.1 69.1

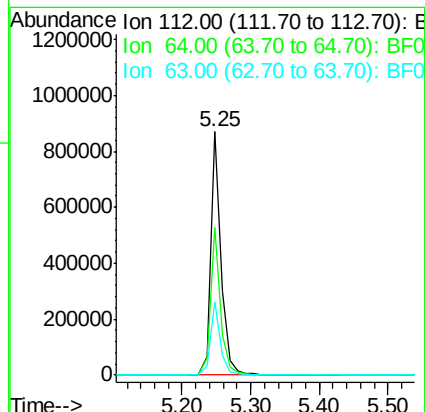
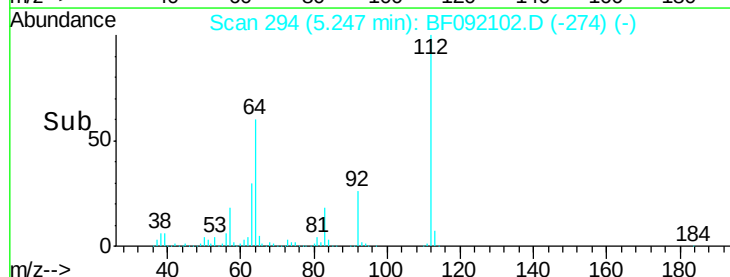
63 30.1 23.8 35.6

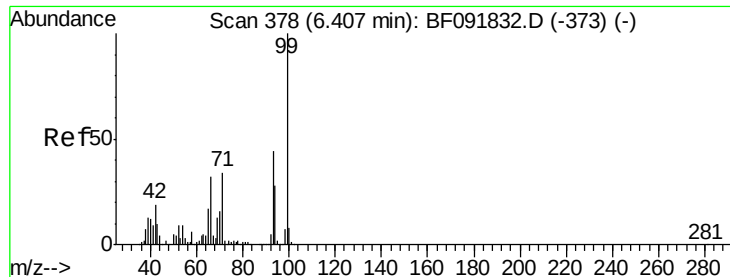


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.14 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.07 min

Lab File: BF092102.D

Acq: 5 Jan 2017 21:25

Instrument :

BNA_F

ClientSampleId :

DSN001

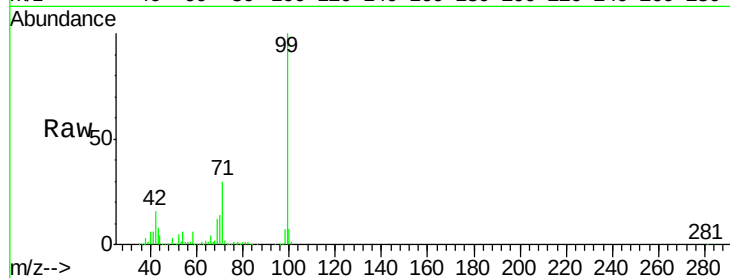
Tgt Ion: 99 Resp: 676377

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

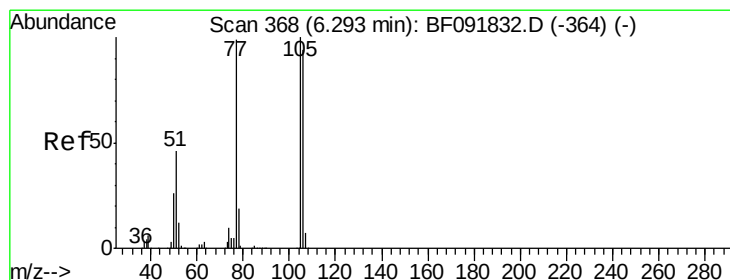
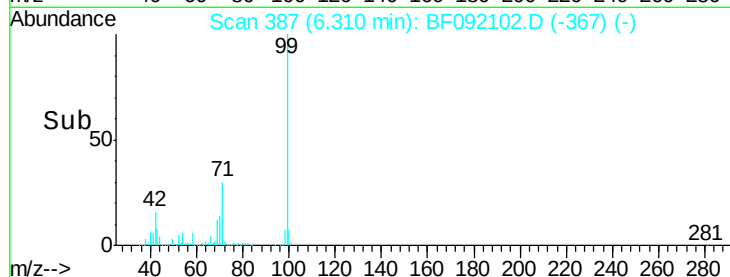
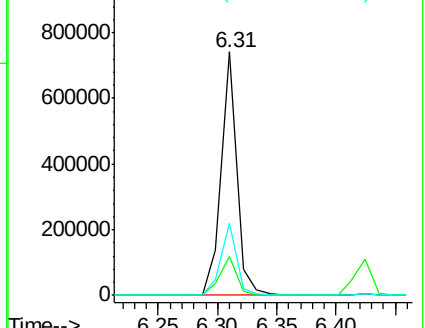
71 29.7 27.5 41.3



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



#9

Benzaldehyde

Concen: 3.04 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.18 min

Lab File: BF092102.D

Acq: 5 Jan 2017 21:25

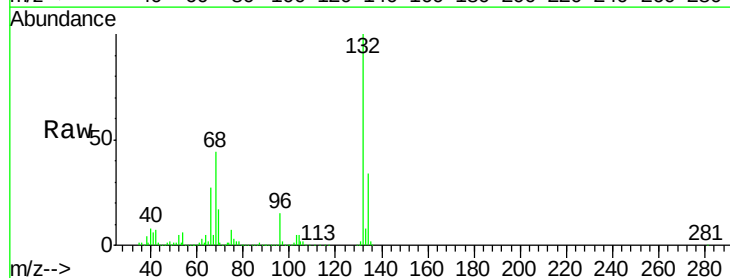
Tgt Ion: 77 Resp: 34224

Ion Ratio Lower Upper

77 100

105 77.9 83.9 123.9#

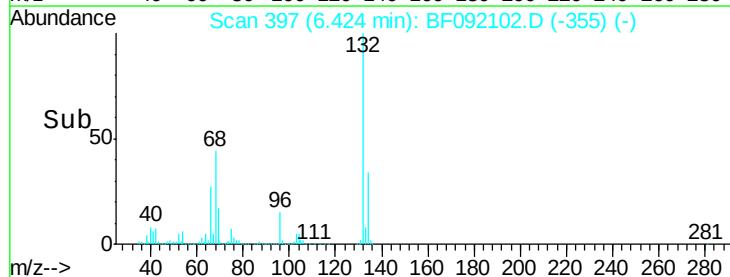
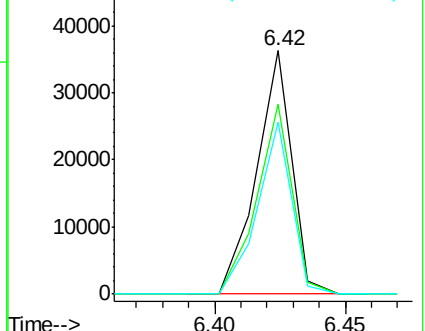
106 70.9 77.6 117.6#

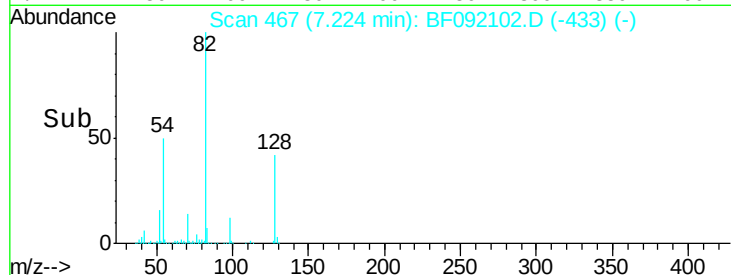
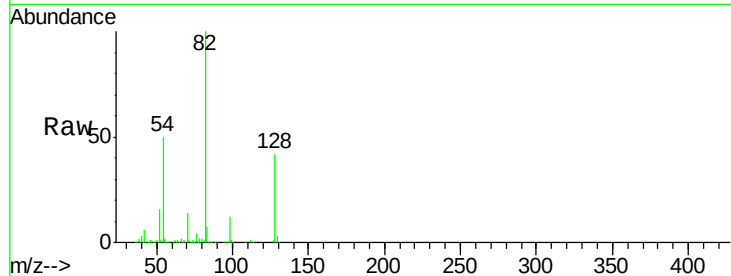
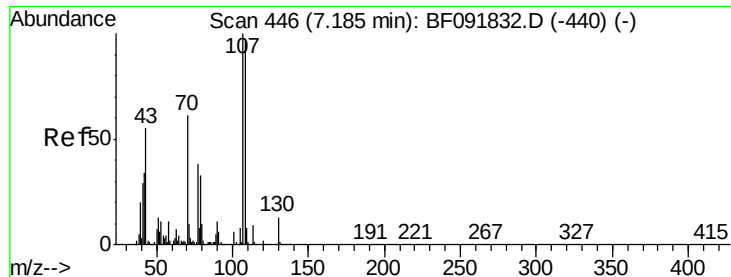


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

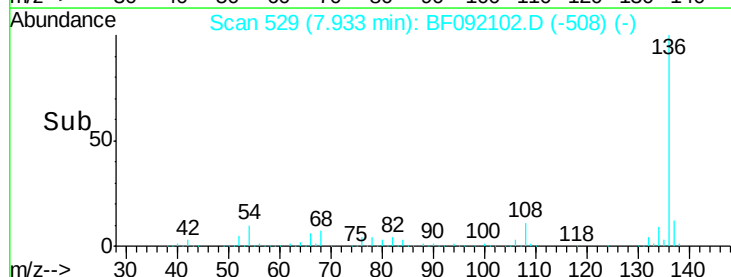
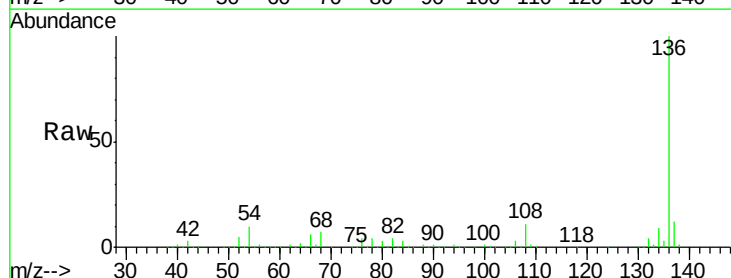
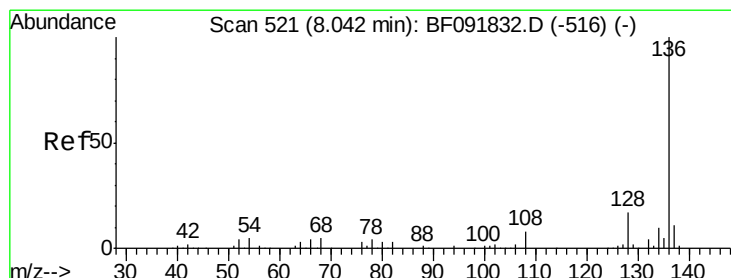
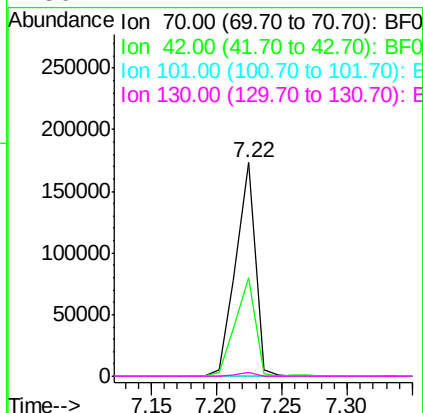




#19
n-Nitroso-di-n-propylamine
Concen: 19.34 ng
RT: 7.22 min Scan# 467
Delta R.T. 0.09 min
Lab File: BF092102.D
Acq: 5 Jan 2017 21:25

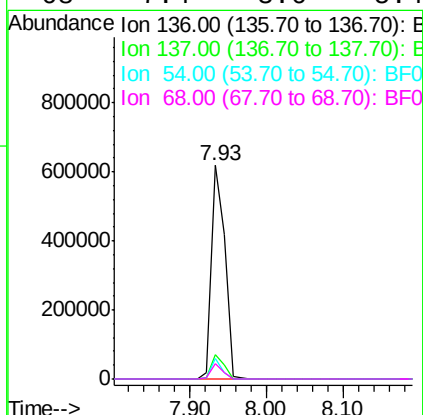
Instrument :
BNA_F
ClientSampled :
DSN001

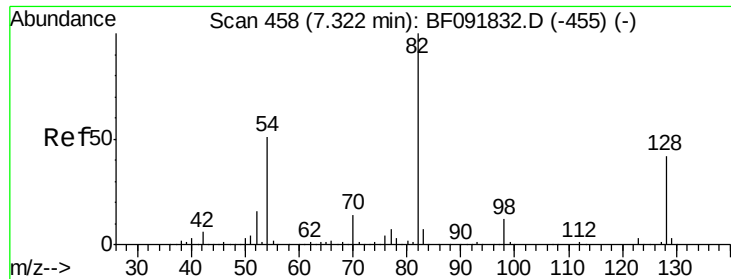
Tgt Ion:	70	Resp:	180750
Ion	Ratio	Lower	Upper
70	100		
42	45.9	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF092102.D
Acq: 5 Jan 2017 21:25

Tgt Ion:	136	Resp:	737579
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.9	4.5	6.7#
68	7.4	3.6	5.4#

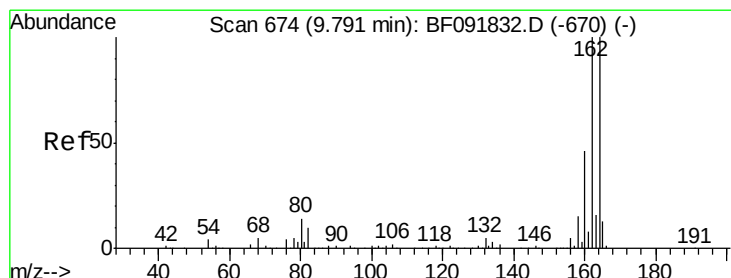
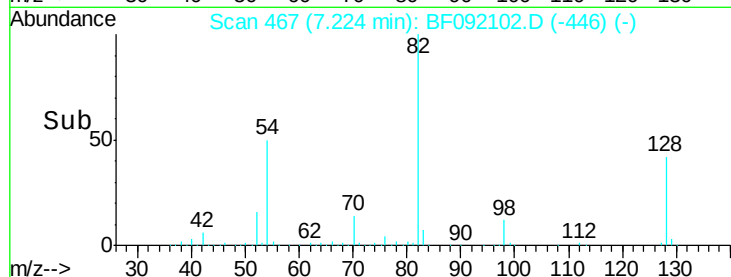
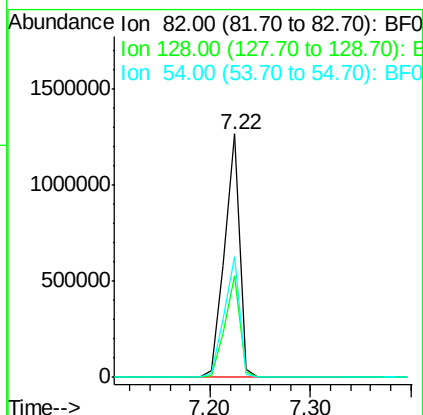
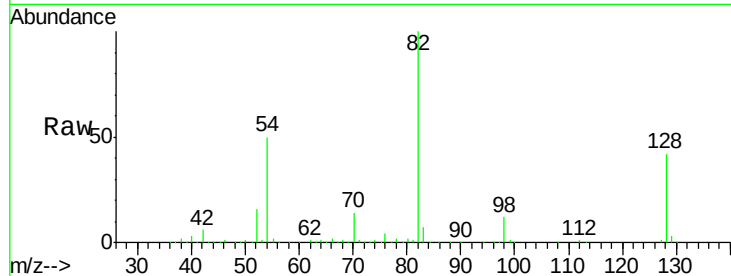




#23
 Nitrobenzene-d5
 Concen: 100.42 ng
 RT: 7.22 min Scan# 467
 Delta R.T. -0.06 min
 Lab File: BF092102.D
 Acq: 5 Jan 2017 21:25

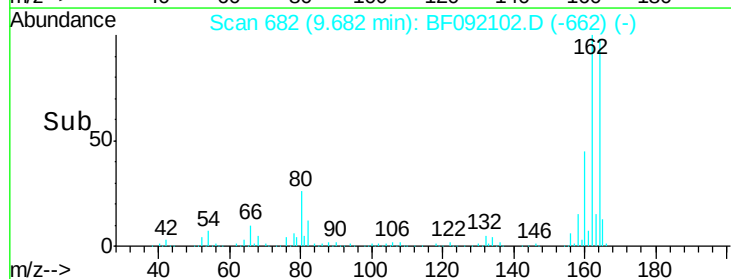
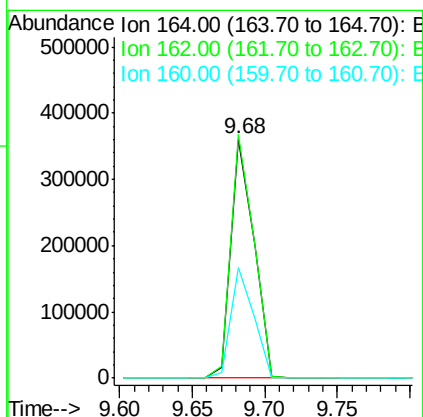
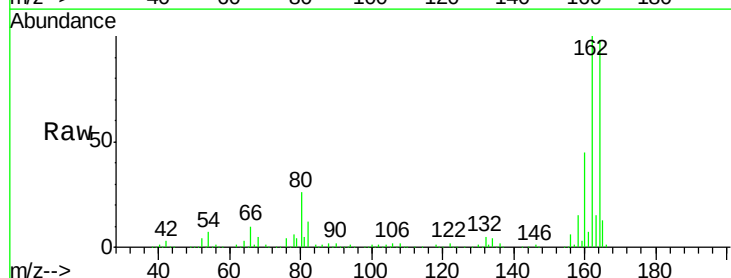
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

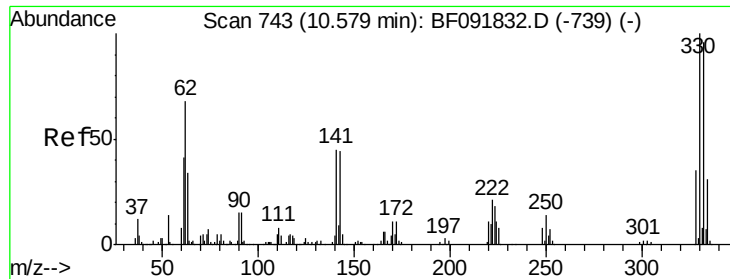
Tgt Ion: 82 Resp: 1332024
 Ion Ratio Lower Upper
 82 100
 128 42.0 34.6 52.0
 54 49.6 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. -0.07 min
 Lab File: BF092102.D
 Acq: 5 Jan 2017 21:25

Tgt Ion: 164 Resp: 397381
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.2 120.2
 160 46.3 36.9 55.3

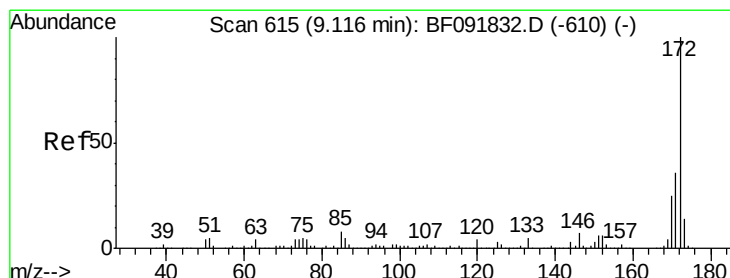
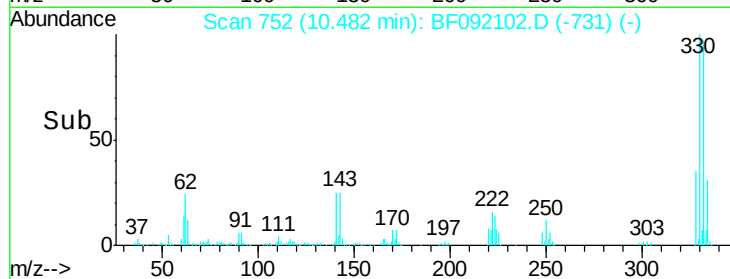
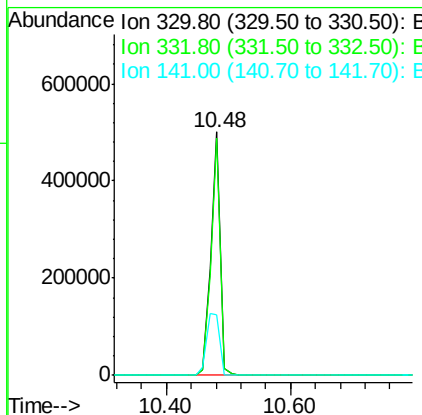
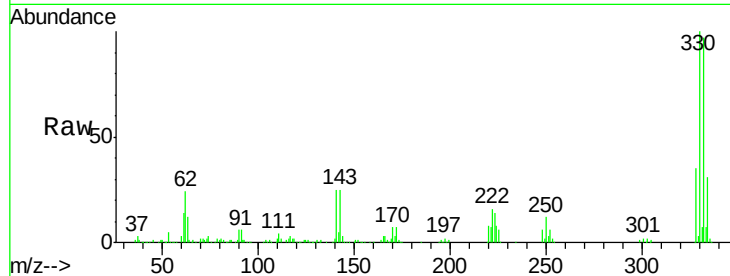




#41
 2,4,6-Tribromophenol
 Concen: 157.96 ng
 RT: 10.48 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF092102.D
 Acq: 5 Jan 2017 21:25

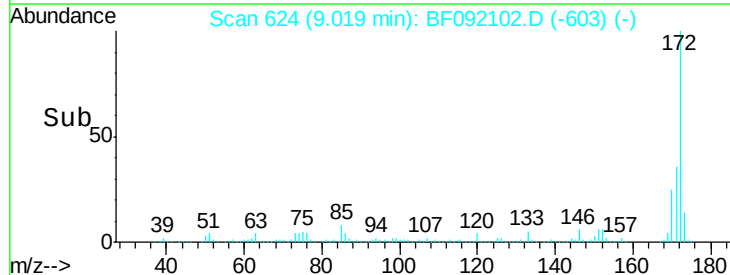
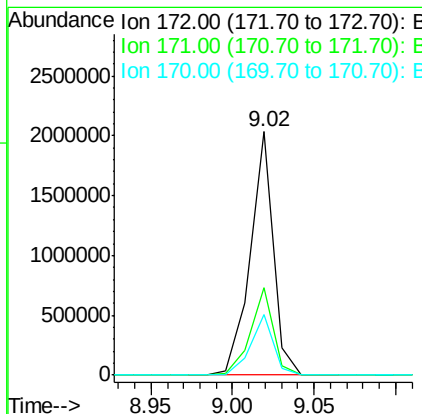
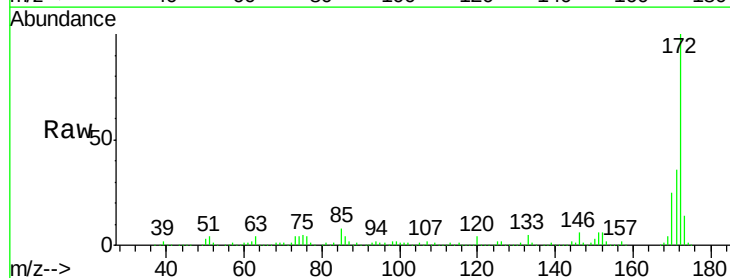
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

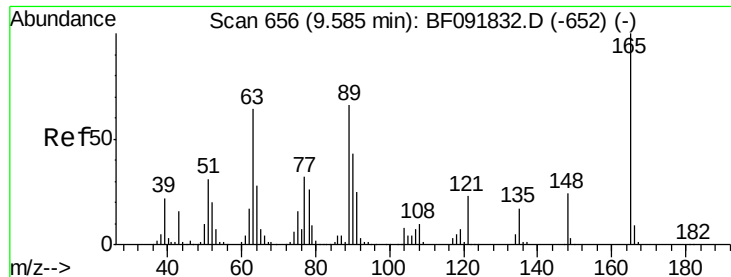
Tgt Ion:330 Resp: 519470
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 36.4 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 106.00 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.06 min
 Lab File: BF092102.D
 Acq: 5 Jan 2017 21:25

Tgt Ion:172 Resp: 1993966
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.8 20.2 30.4





#50

2,6-Dinitrotoluene

Concen: 9.25 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.13 min

Lab File: BF092102.D

Acq: 5 Jan 2017 21:25

Instrument :

BNA_F

ClientSampleId :

DSN001

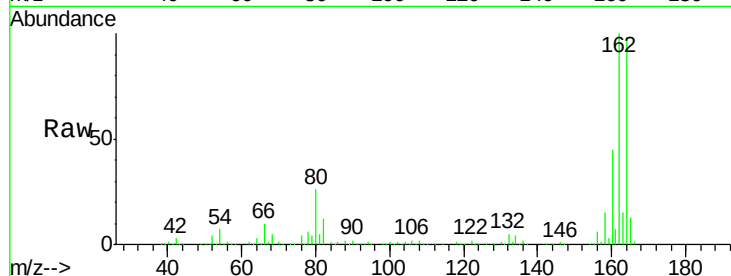
Tgt Ion:165 Resp: 51459

Ion Ratio Lower Upper

165 100

63 1.1 36.2 54.4#

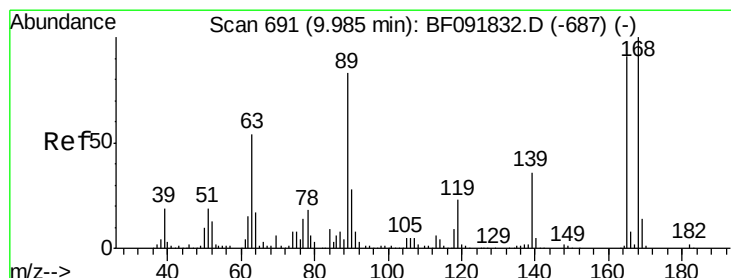
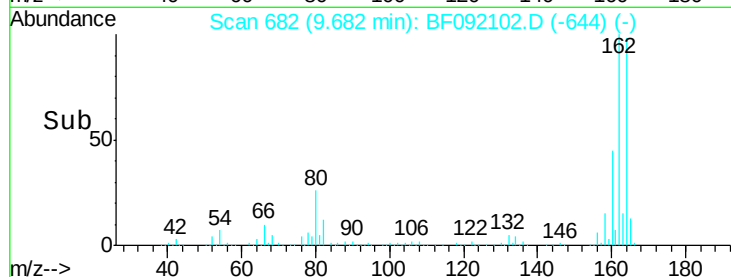
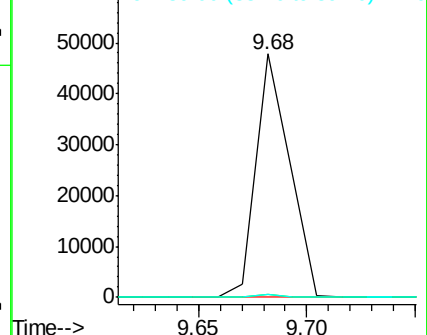
89 1.2 40.2 60.4#



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



#56

2,4-Dinitrotoluene

Concen: 7.37 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.27 min

Lab File: BF092102.D

Acq: 5 Jan 2017 21:25

Tgt Ion:165 Resp: 51450

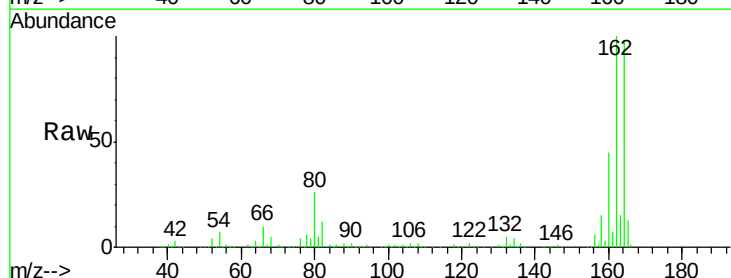
Ion Ratio Lower Upper

165 100

63 1.1 40.2 60.4#

89 1.2 62.5 93.7#

182 0.0 1.8 2.8#

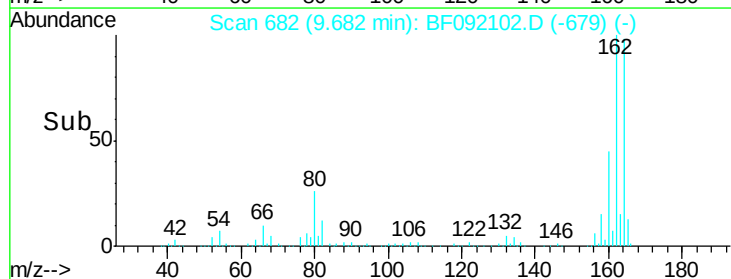
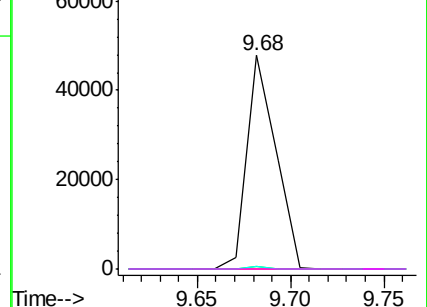


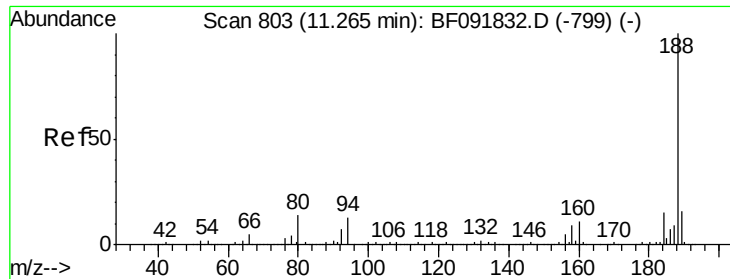
Abundance Ion 165.00 (164.70 to 165.70): E

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

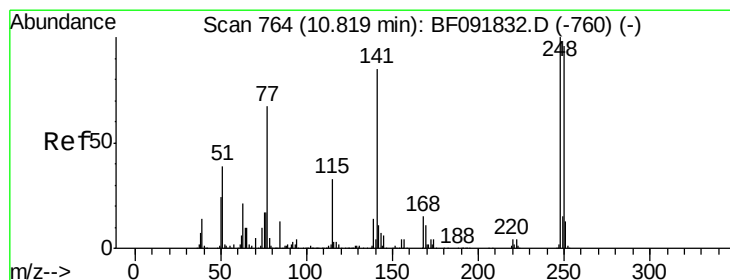
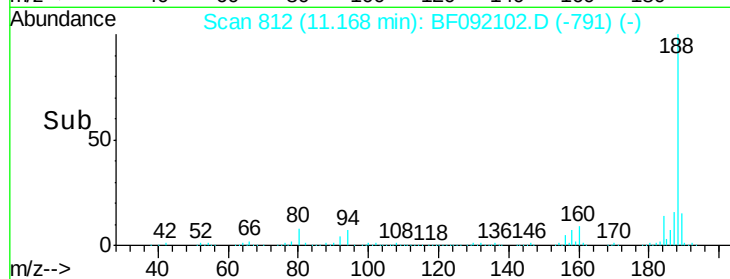
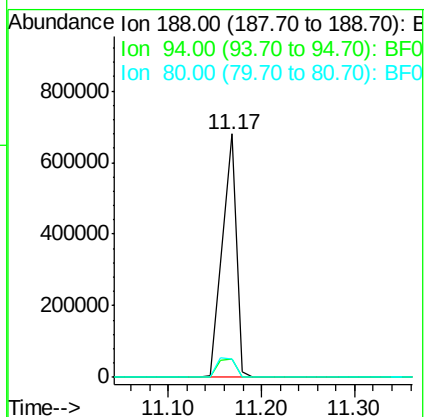
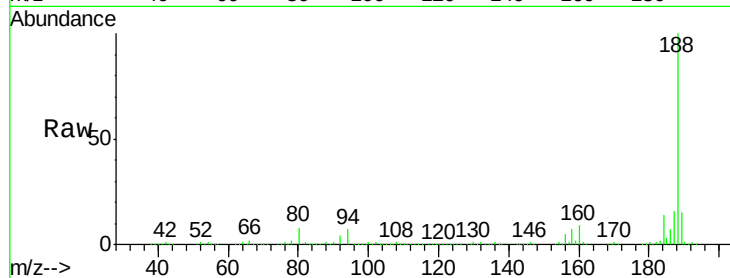




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF092102.D
Acq: 5 Jan 2017 21:25

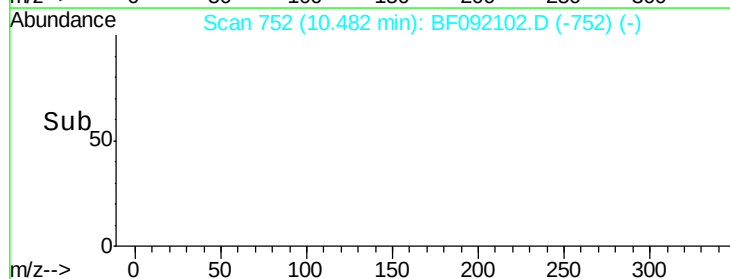
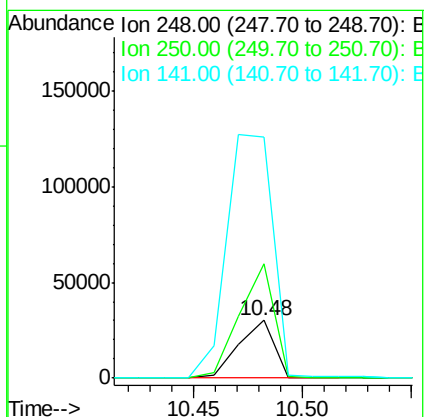
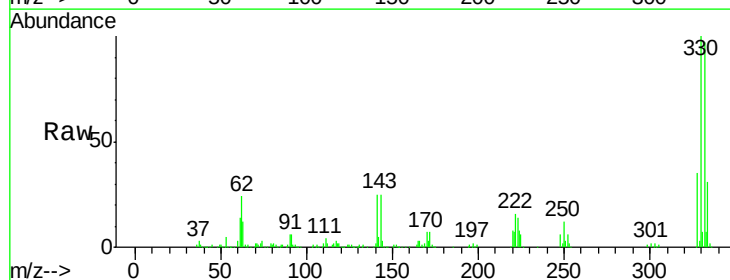
Instrument :
BNA_F
ClientSampleId :
DSN001

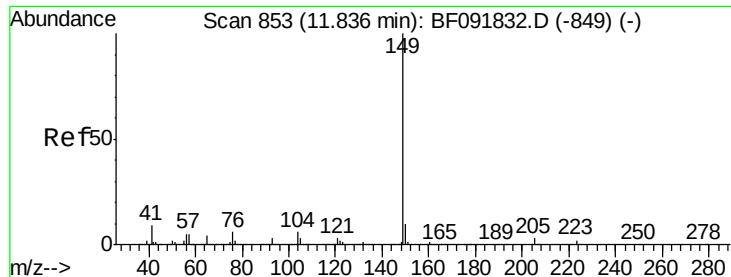
Tgt Ion:188 Resp: 706043
Ion Ratio Lower Upper
188 100
94 7.3 10.0 15.0#
80 7.7 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.30 min
Lab File: BF092102.D
Acq: 5 Jan 2017 21:25

Tgt Ion:248 Resp: 34028
Ion Ratio Lower Upper
248 100
250 198.6 76.9 115.3#
141 417.3 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.74 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF092102.D

Acq: 5 Jan 2017 21:25

Instrument :

BNA_F

ClientSampled :

DSN001

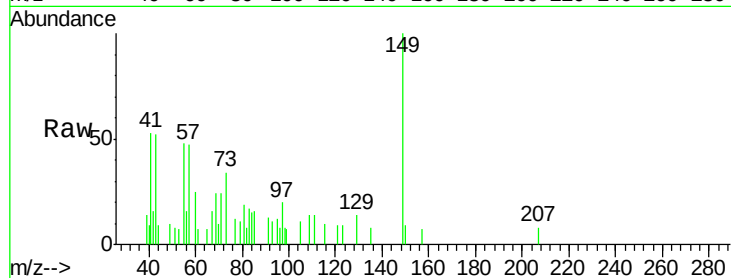
Tgt Ion:149 Resp: 4256

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

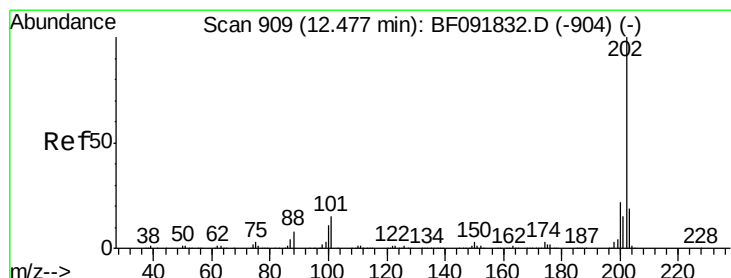
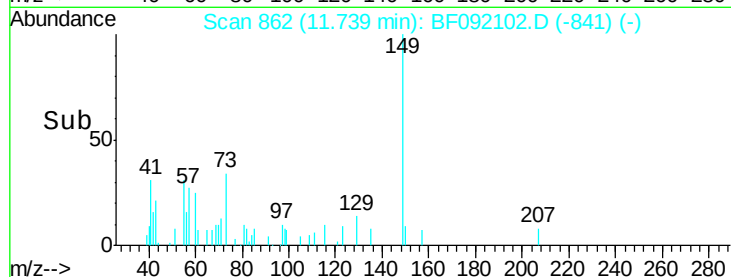
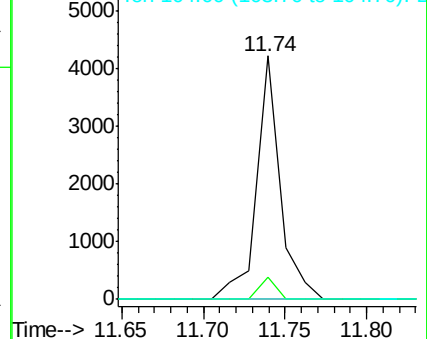
104 0.0 4.6 7.0#



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: Below Cal

RT: 12.37 min Scan# 917

Delta R.T. -0.07 min

Lab File: BF092102.D

Acq: 5 Jan 2017 21:25

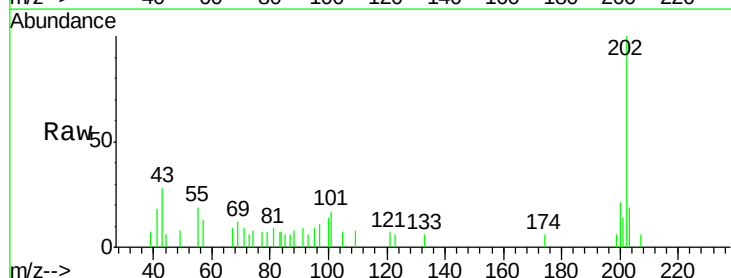
Tgt Ion:202 Resp: 5394

Ion Ratio Lower Upper

202 100

101 16.6 0.0 34.6

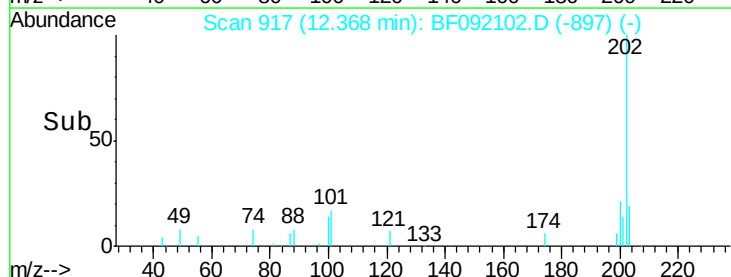
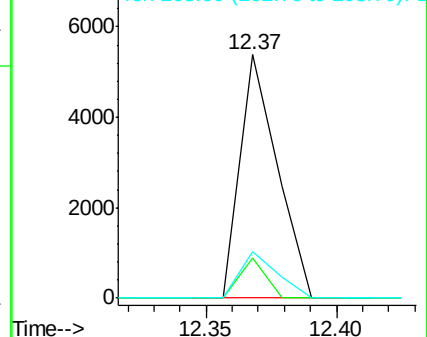
203 18.9 0.0 38.7

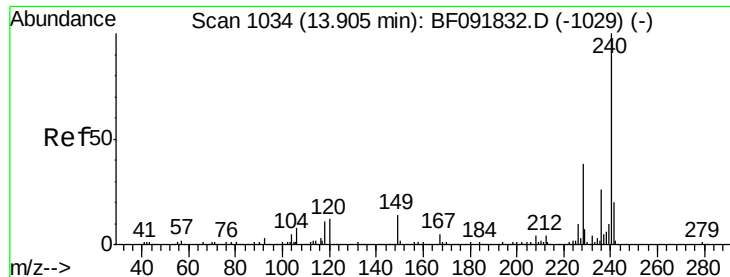


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.80 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF092102.D

Acq: 5 Jan 2017 21:25

Instrument :

BNA_F

ClientSampleId :

DSN001

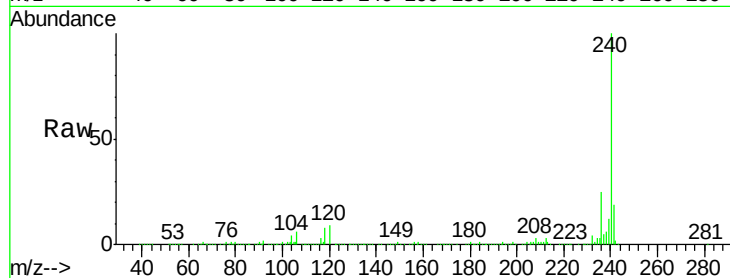
Tgt Ion:240 Resp: 562618

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

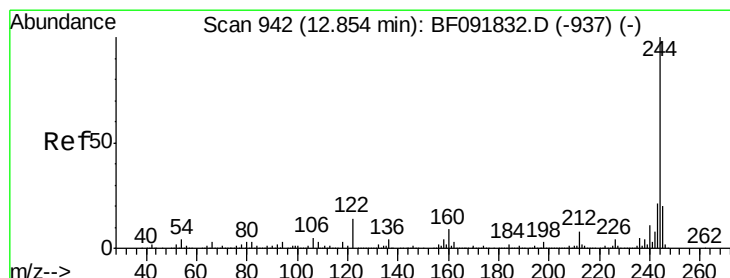
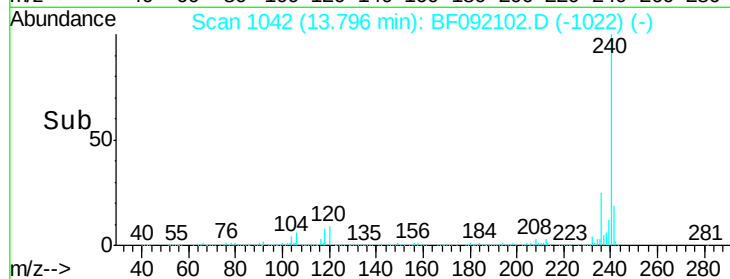
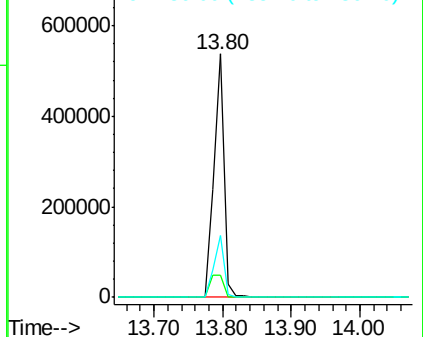
236 25.4 20.9 31.3



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



#78

Terphenyl-d14

Concen: 82.69 ng

RT: 12.76 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF092102.D

Acq: 5 Jan 2017 21:25

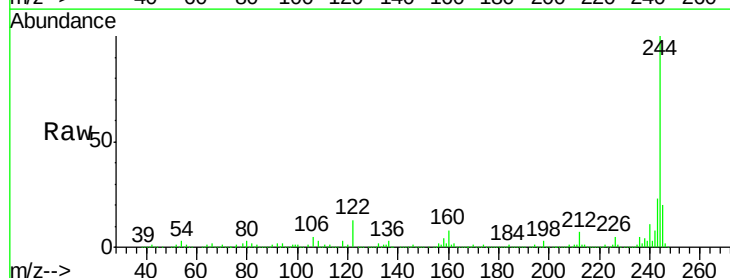
Tgt Ion:244 Resp: 1918160

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

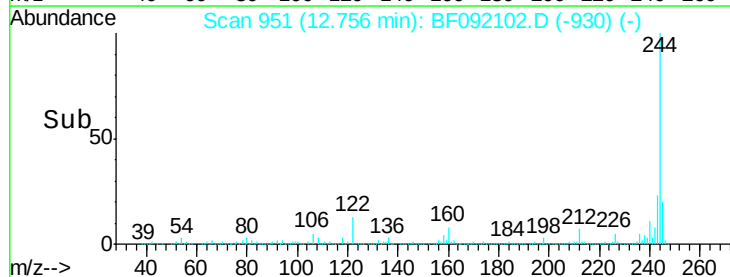
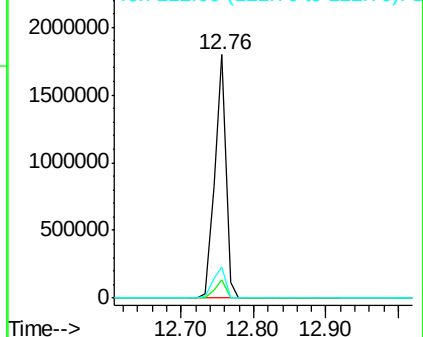
122 12.7 11.4 17.2

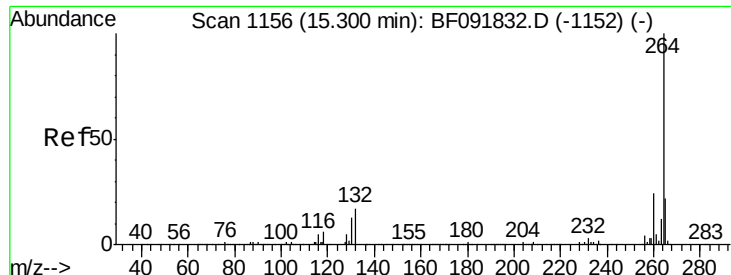


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. -0.09 min
Lab File: BF092102.D
Acq: 5 Jan 2017 21:25

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion: 264 Resp: 390064
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.9 17.4 26.0

