

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092224.D
 Acq On : 12 Jan 2017 23:02
 Operator : UM/SJ
 Sample : I1030-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0019

Quant Time: Jan 12 23:44:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

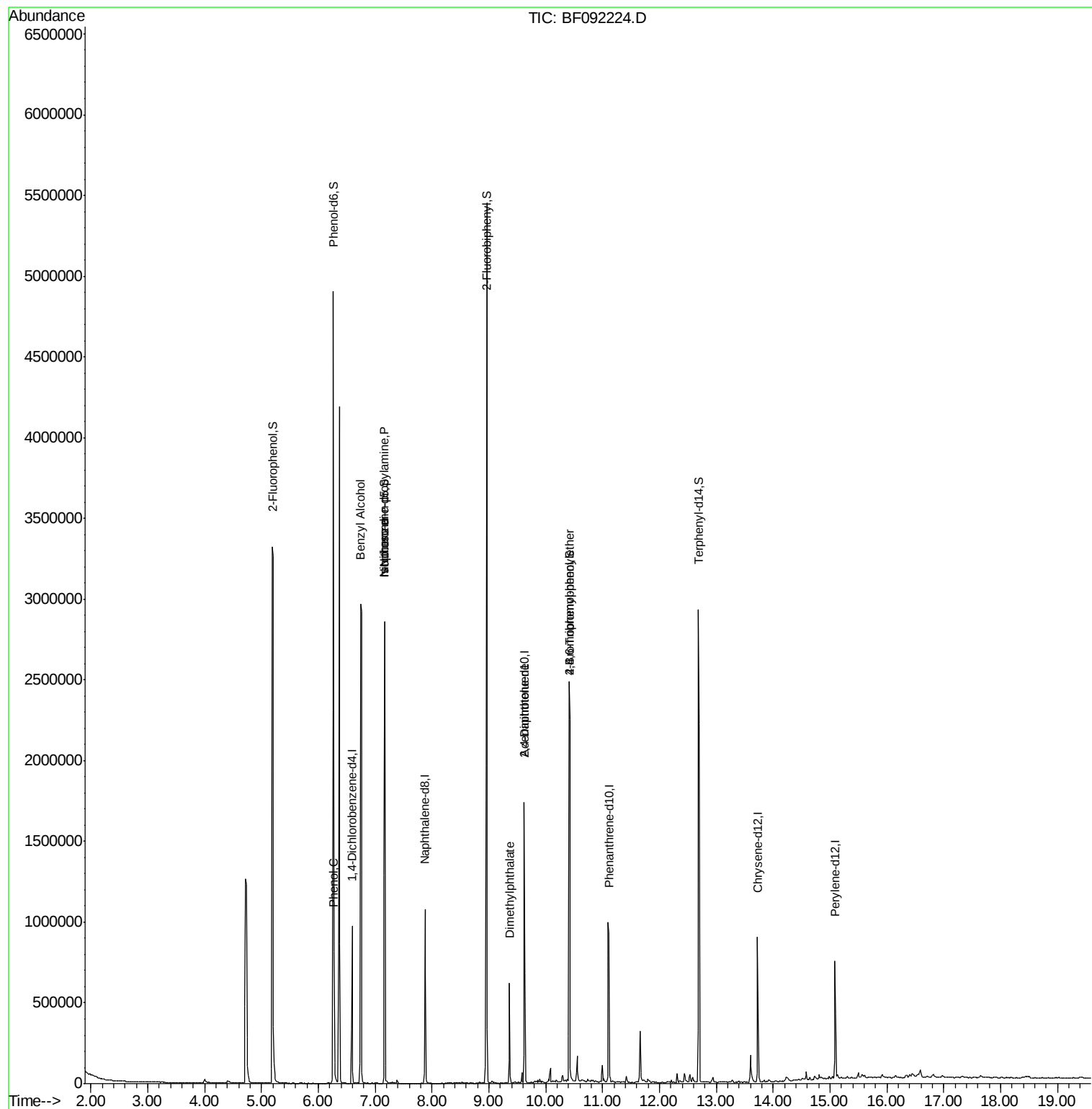
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	160505	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	645496	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	424407	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	541464	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	332579	20.00	ng	-0.06
86) Perylene-d12	15.09	264	328518	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1477148	153.67	ng	-0.03
7) Phenol-d6	6.26	99	1894488	161.42	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1064397	91.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	470896	134.07	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1801714	87.34	ng	-0.05
78) Terphenyl-d14	12.69	244	1283530	93.60	ng	-0.06
Target Compounds						
10) Phenol	6.28	94	146584	10.96	ng	# 66
15) Benzyl Alcohol	6.74	79	19619	2.15	ng	# 47
19) n-Nitroso-di-n-propylamine	7.17	70	144122	18.46	ng	# 75
25) Isophorone	7.17	82	1055964	49.31	ng	# 65
37) 2-Methylnaphthalene	8.60	142	1092	Below Cal	#	86
49) Dimethylphthalate	9.36	163	256757	9.46	ng	100
56) 2,4-Dinitrotoluene	9.62	165	54000	7.24	ng	# 20
66) 4-Bromophenyl-phenylether	10.42	248	29969	5.32	ng	# 1
71) Anthracene	11.13	178	9193	Below Cal	#	98
73) Di-n-butylphthalate	11.68	149	5194	Below Cal	#	91
74) Fluoranthene	12.31	202	22032	Below Cal		98
76) Benizidine	12.69	184	16197	Below Cal		98

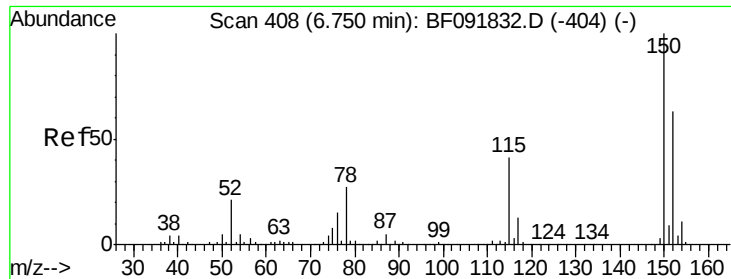
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

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ClientSampleId :

COMP-0019

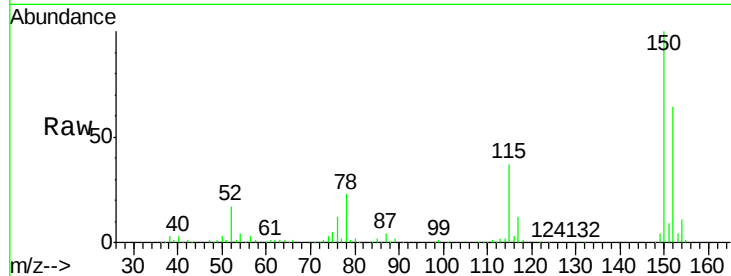
Tgt Ion:152 Resp: 160505

Ion Ratio Lower Upper

152 100

150 156.3 124.9 187.3

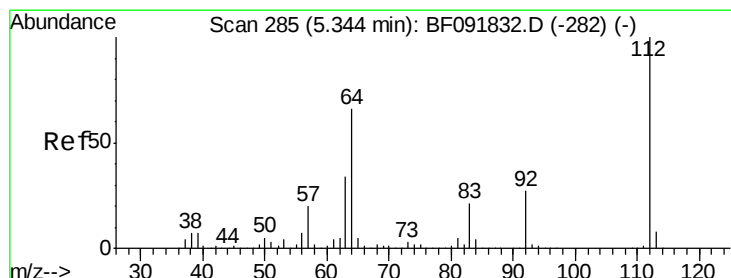
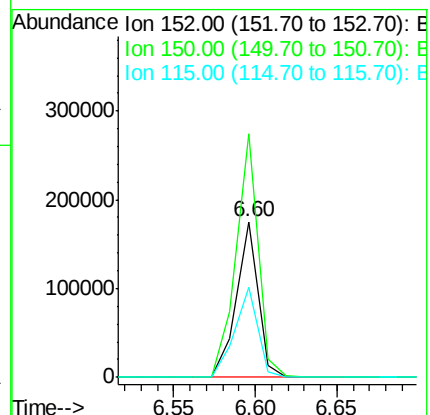
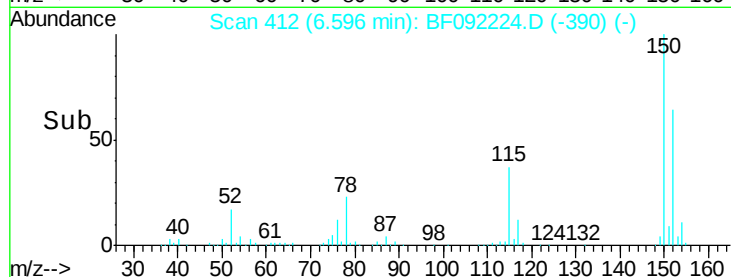
115 57.5 46.0 69.0



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: 153.67 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

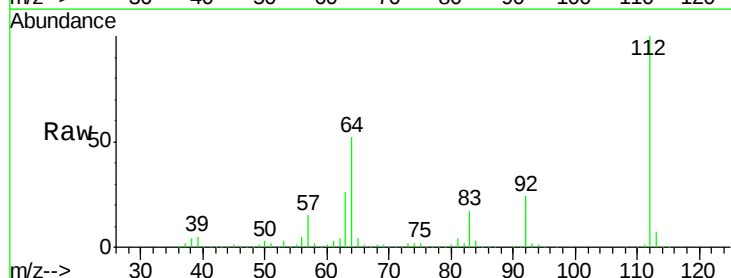
Tgt Ion:112 Resp: 1477148

Ion Ratio Lower Upper

112 100

64 51.9 46.1 69.1

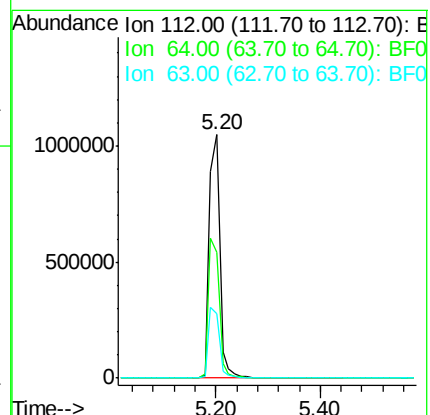
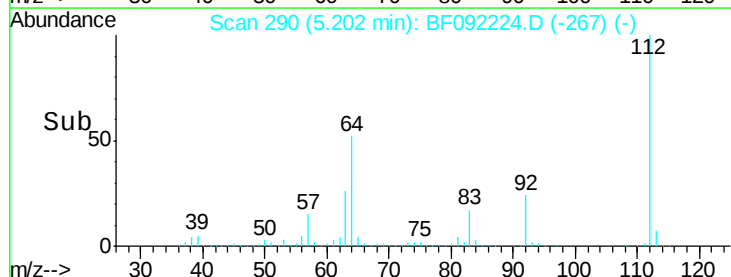
63 26.4 23.8 35.6



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: 161.42 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

Instrument :

BNA_F

ClientSampleId :

COMP-0019

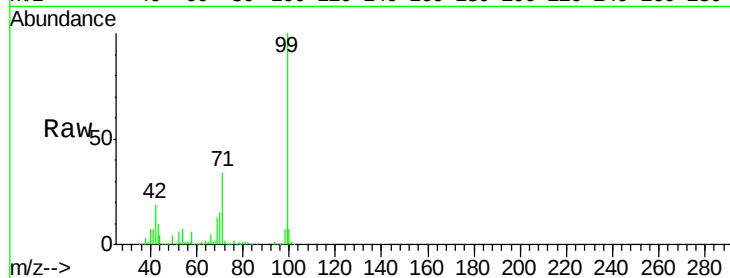
Tgt Ion: 99 Resp: 1894488

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

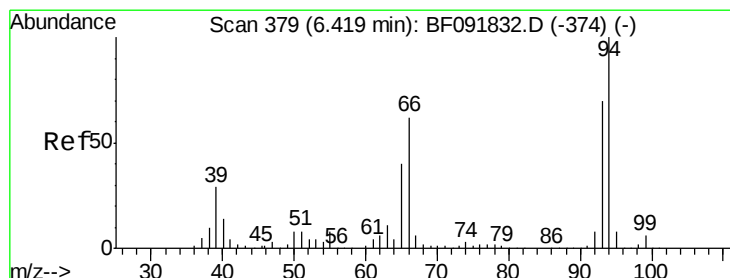
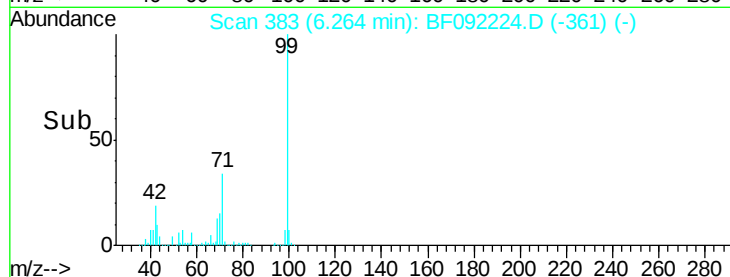
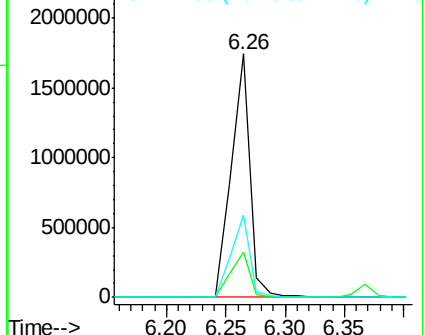
71 33.7 27.5 41.3



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



#10

Phenol

Concen: 10.96 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

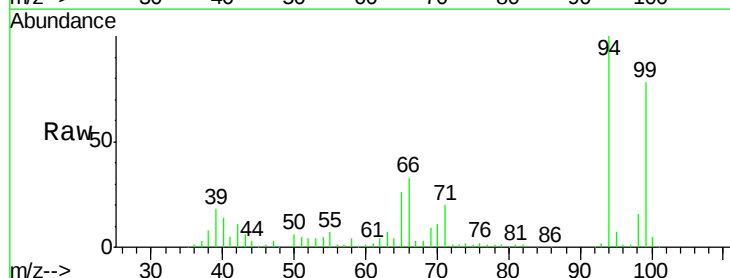
Tgt Ion: 94 Resp: 146584

Ion Ratio Lower Upper

94 100

65 25.7 21.4 61.4

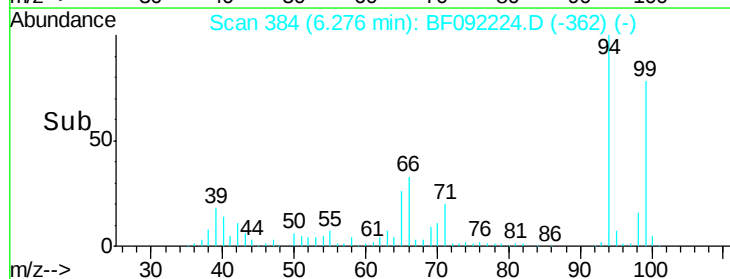
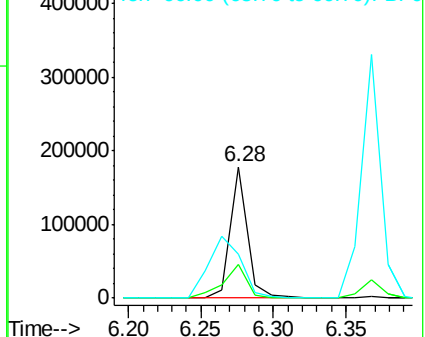
66 33.5 44.0 84.0#

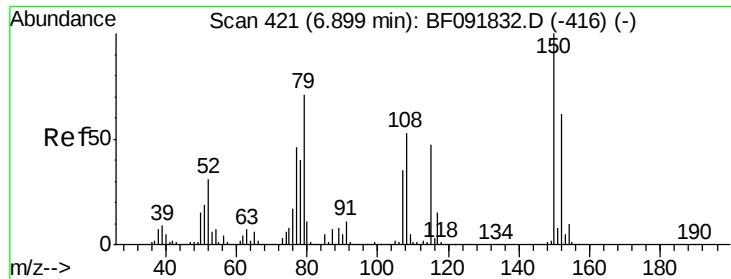


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

Instrument :

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COMP-0019

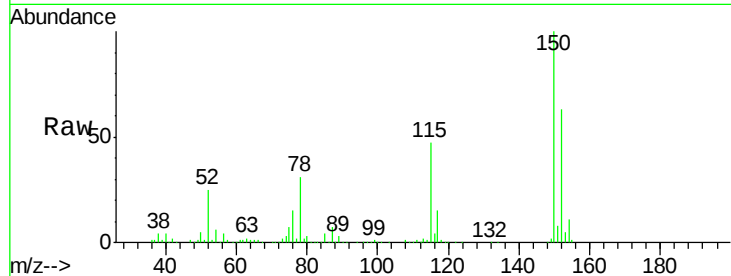
Tgt Ion: 79 Resp: 19619

Ion Ratio Lower Upper

79 100

108 23.0 61.4 92.0#

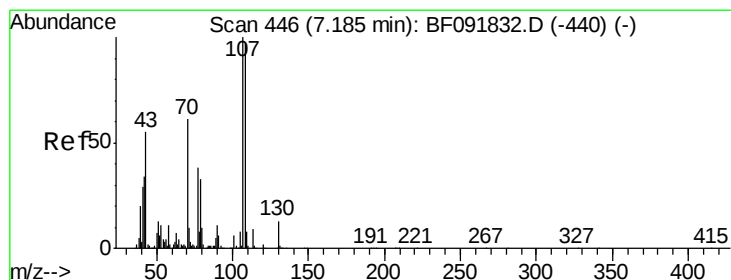
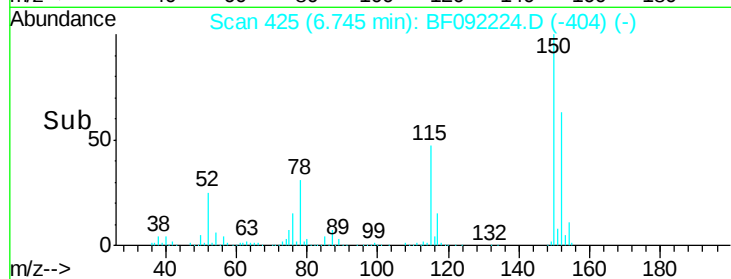
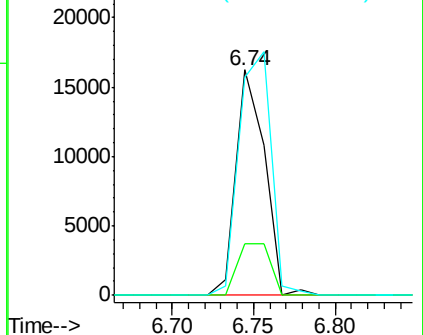
77 96.5 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.46 ng

RT: 7.17 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

Tgt Ion: 70 Resp: 144122

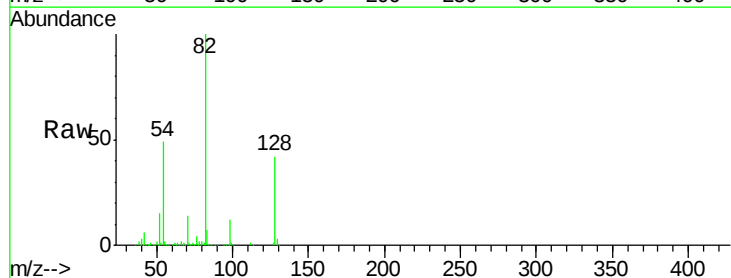
Ion Ratio Lower Upper

70 100

42 44.7 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

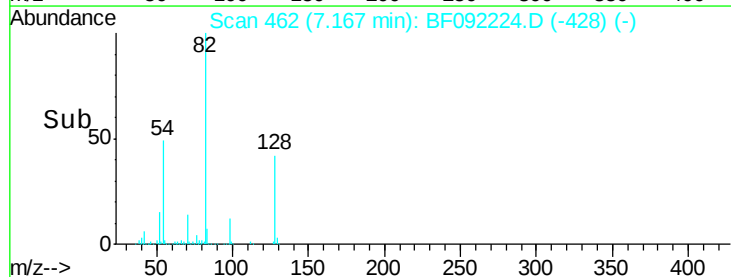
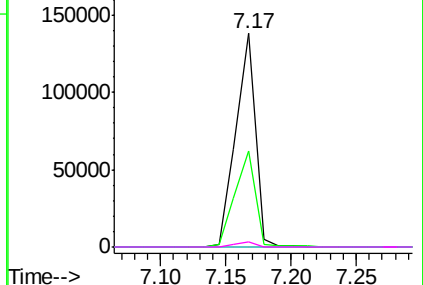


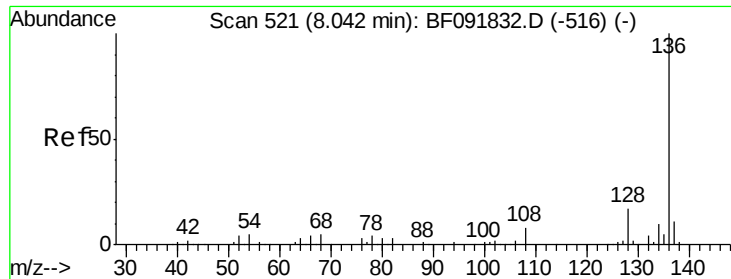
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

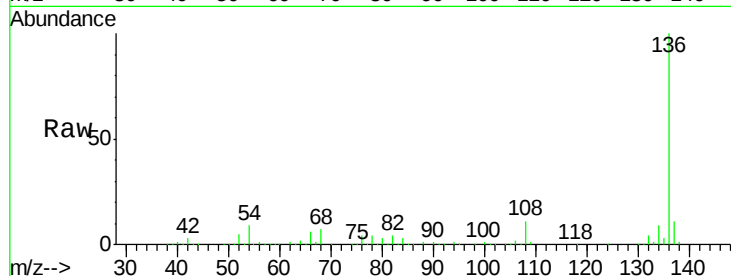




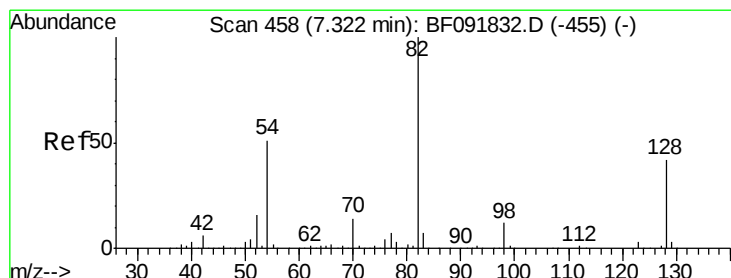
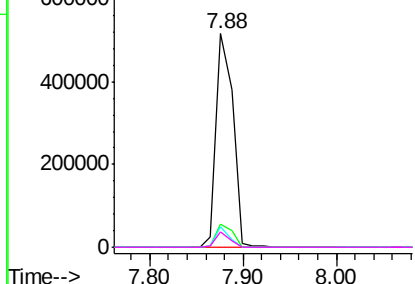
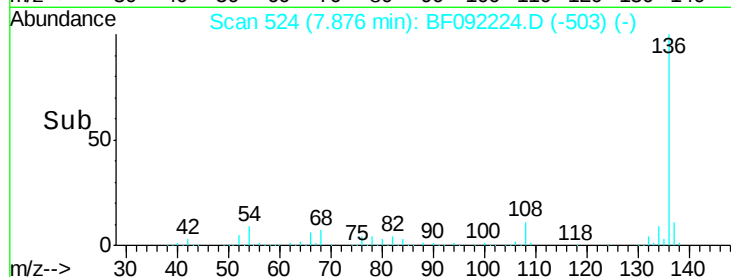
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092224.D
Acq: 12 Jan 2017 23:02

Instrument :
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ClientSampleId :
COMP-0019

Tgt Ion:	136	Resp:	645496
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.5	4.5	6.7#
68	7.1	3.6	5.4#

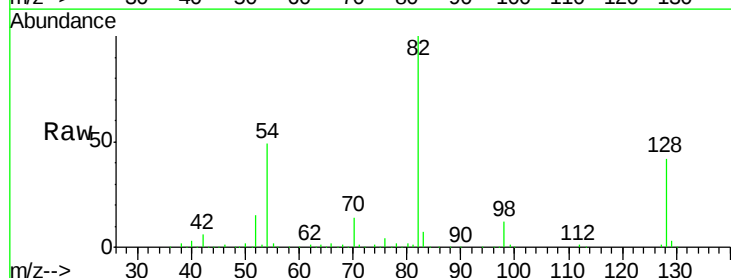


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

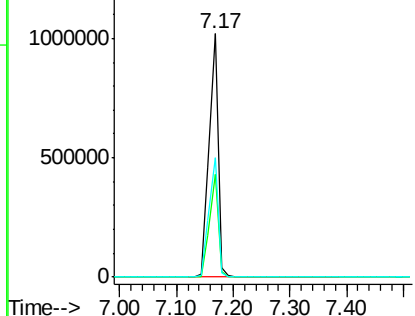
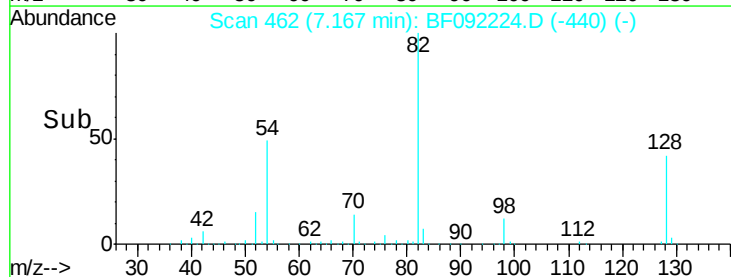


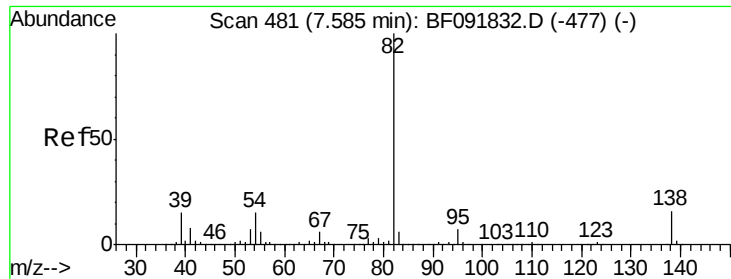
#23
Nitrobenzene-d5
Concen: 91.69 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092224.D
Acq: 12 Jan 2017 23:02

Tgt Ion:	82	Resp:	1064397
Ion	Ratio	Lower	Upper
82	100		
128	42.3	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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.31 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

Instrument :

BNA_F

ClientSampleId :

COMP-0019

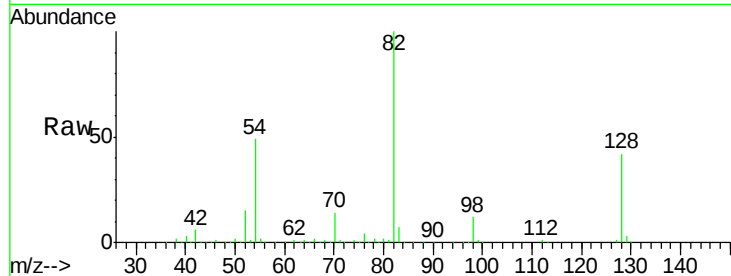
Tgt Ion: 82 Resp: 1055964

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

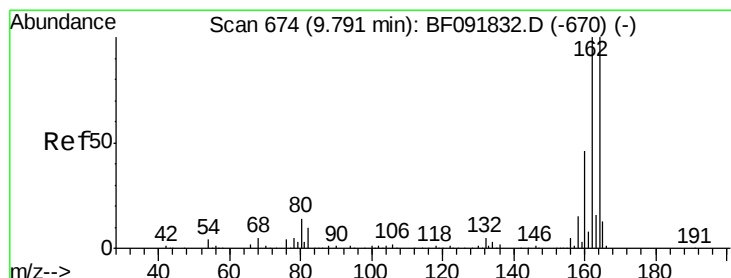
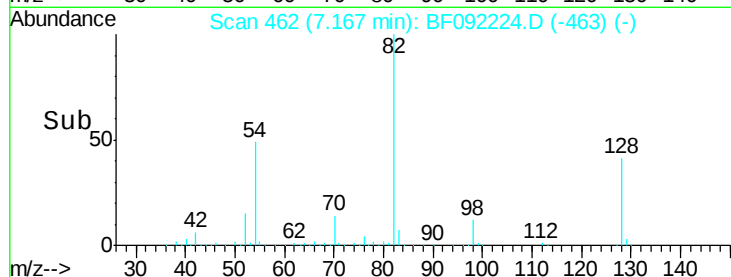
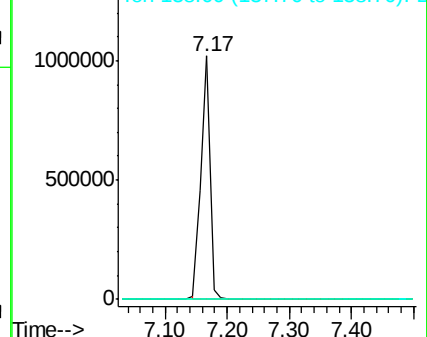
138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

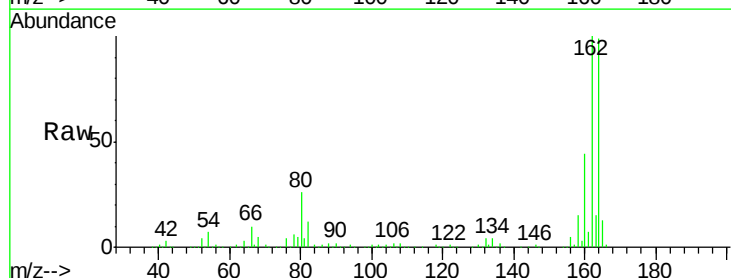
Tgt Ion: 164 Resp: 424407

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

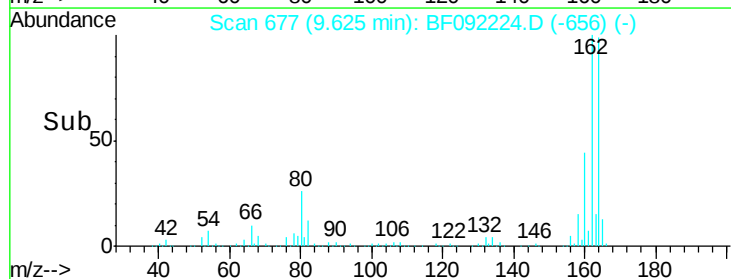
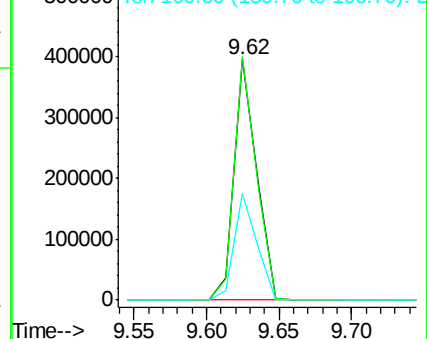
160 44.5 36.9 55.3

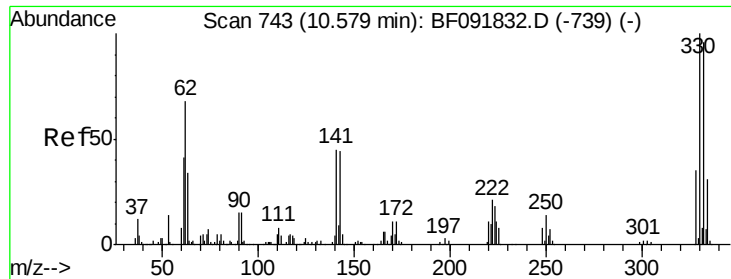


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

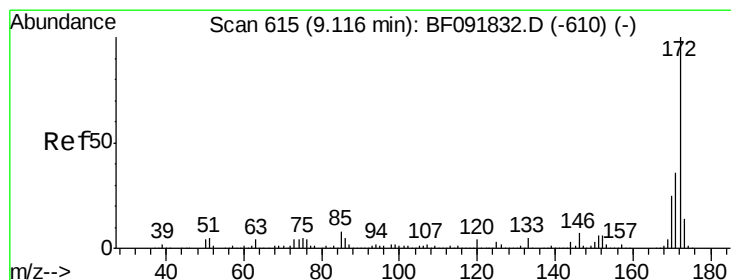
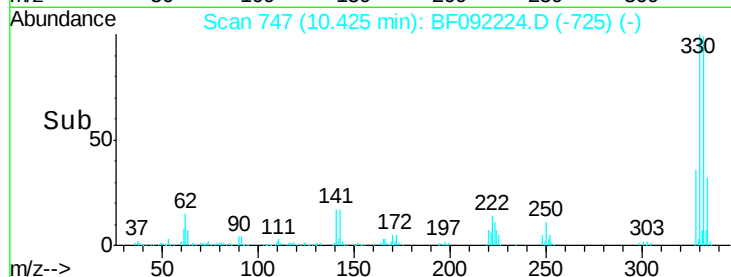
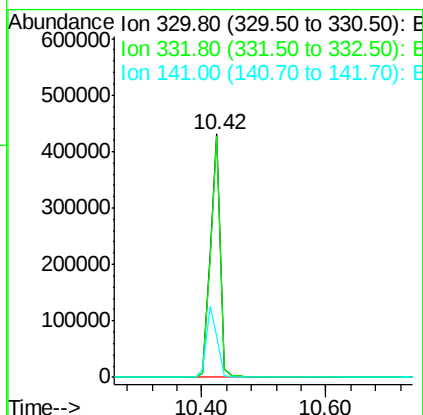
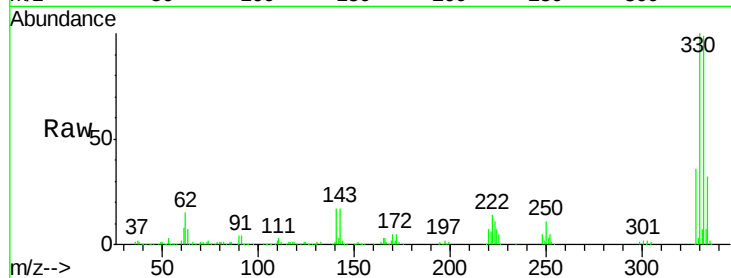




#41
 2,4,6-Tribromophenol
 Concen: 134.07 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092224.D
 Acq: 12 Jan 2017 23:02

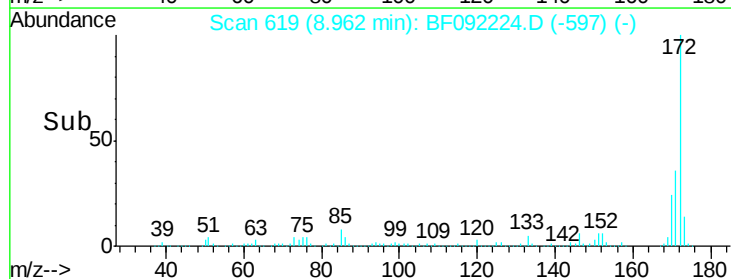
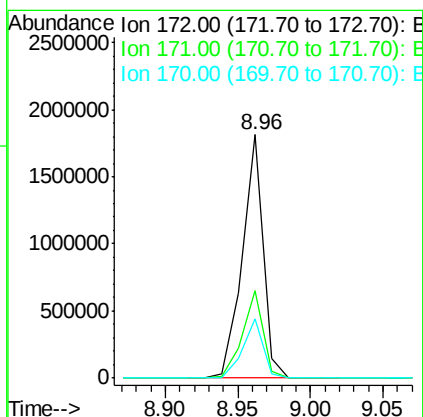
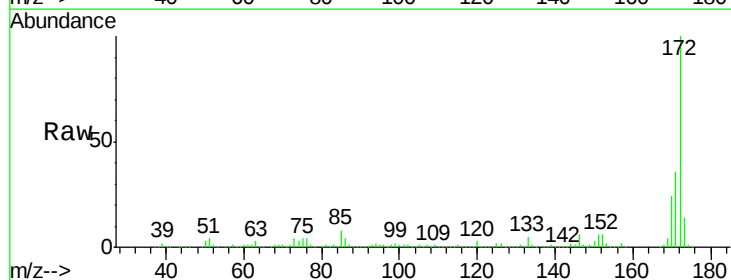
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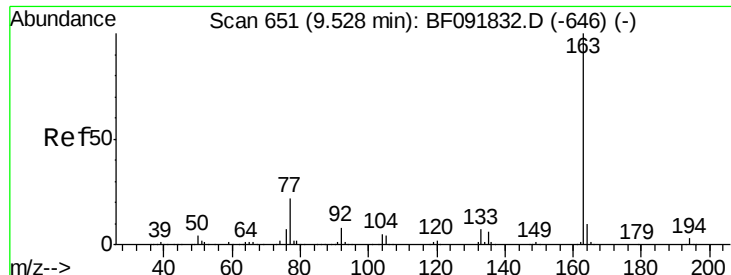
Tgt Ion:330 Resp: 470896
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 31.8 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 87.34 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092224.D
 Acq: 12 Jan 2017 23:02

Tgt Ion:172 Resp: 1801714
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.4 20.2 30.4

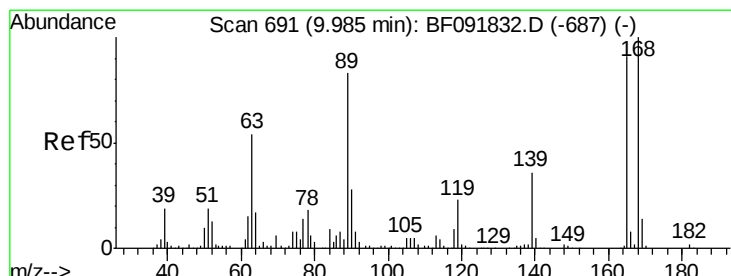
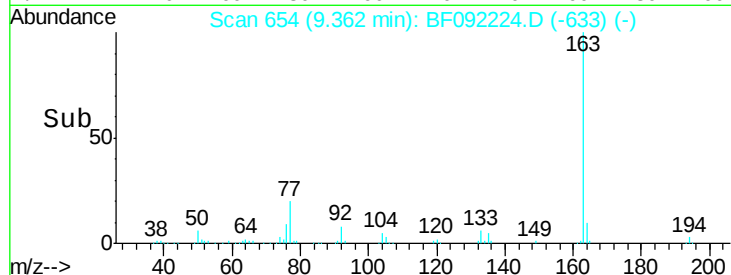
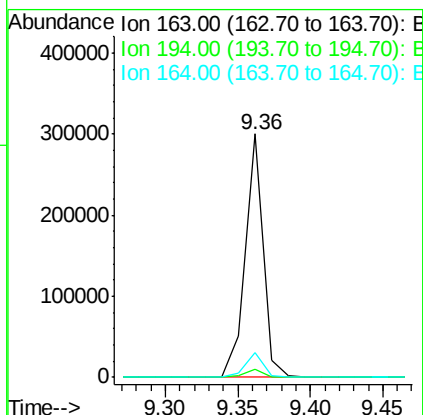
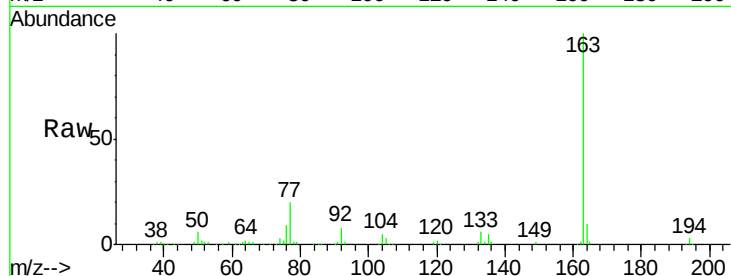




#49
Dimethylphthalate
Concen: 9.46 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092224.D
Acq: 12 Jan 2017 23:02

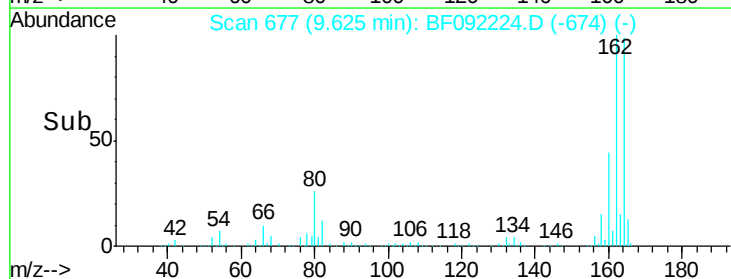
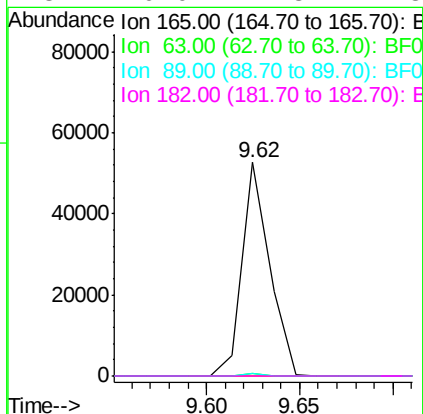
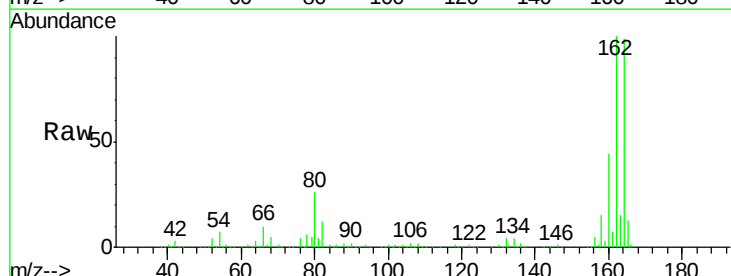
Instrument :
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ClientSampleId :
COMP-0019

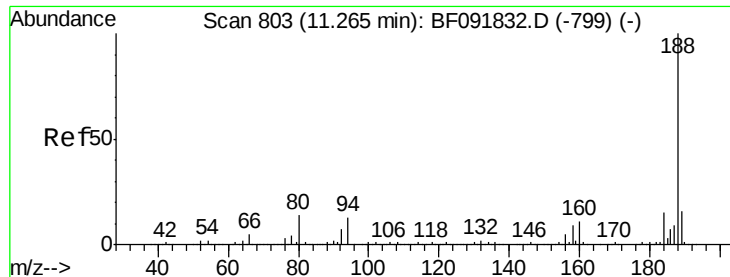
Tgt Ion:163 Resp: 256757
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.0 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.24 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092224.D
Acq: 12 Jan 2017 23:02

Tgt Ion:165 Resp: 54000
Ion Ratio Lower Upper
165 100
63 1.1 40.2 60.4#
89 1.0 62.5 93.7#
182 0.0 1.8 2.8#

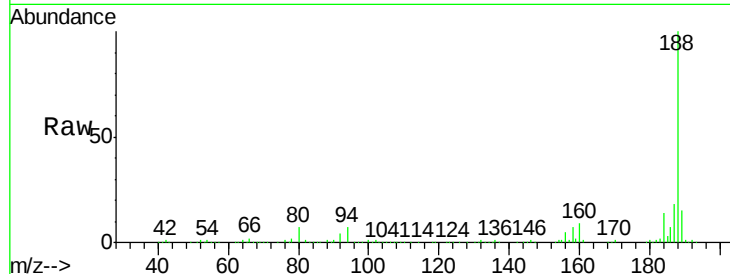




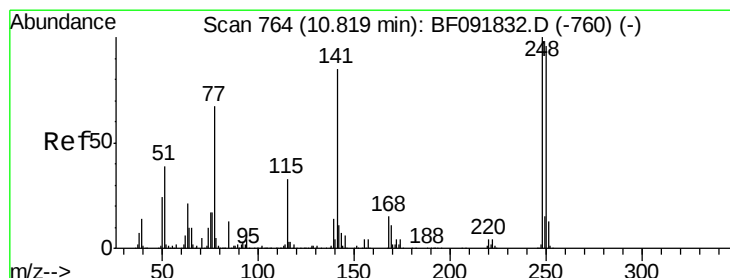
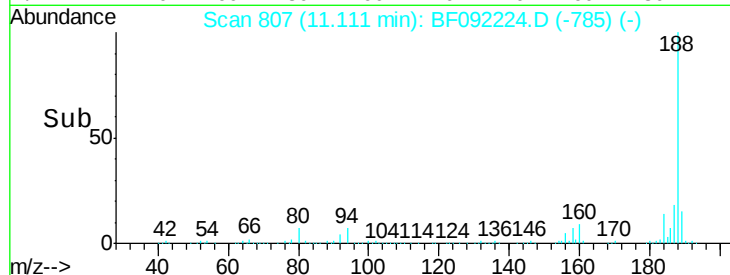
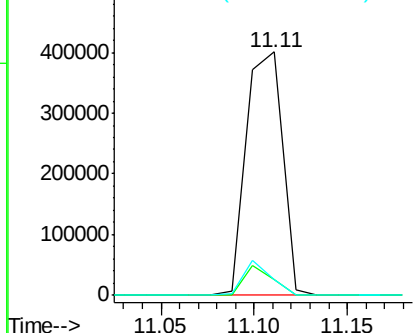
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092224.D
Acq: 12 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-0019

Tgt Ion:188 Resp: 541464
Ion Ratio Lower Upper
188 100
94 6.6 10.0 15.0#
80 6.6 11.2 16.8#

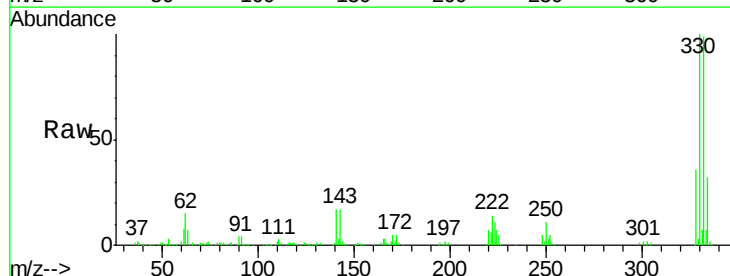


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

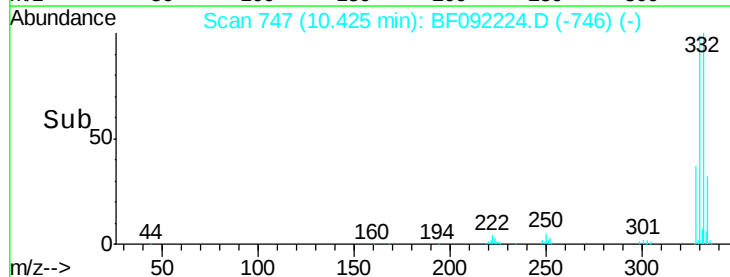
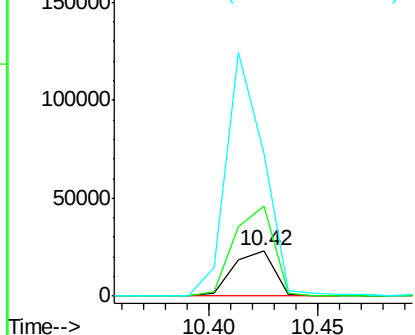


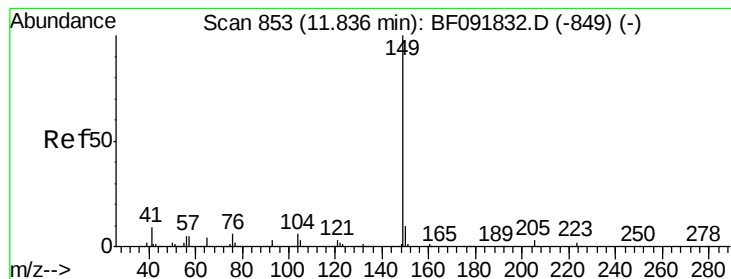
#66
4-Bromophenyl-phenylether
Concen: 5.32 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF092224.D
Acq: 12 Jan 2017 23:02

Tgt Ion:248 Resp: 29969
Ion Ratio Lower Upper
248 100
250 197.4 76.9 115.3#
141 313.2 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

Instrument :

BNA_F

ClientSampleId :

COMP-0019

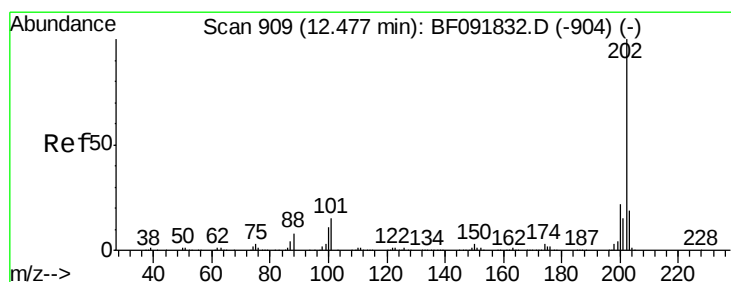
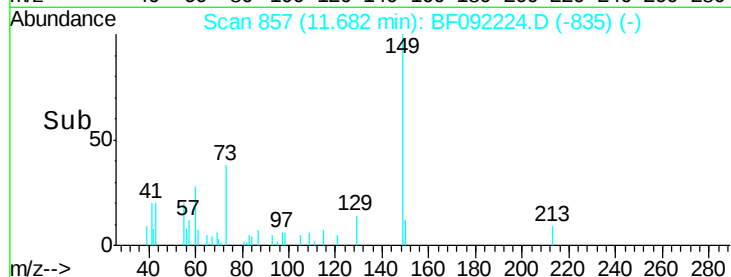
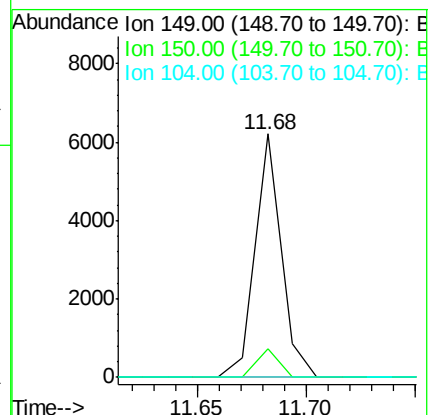
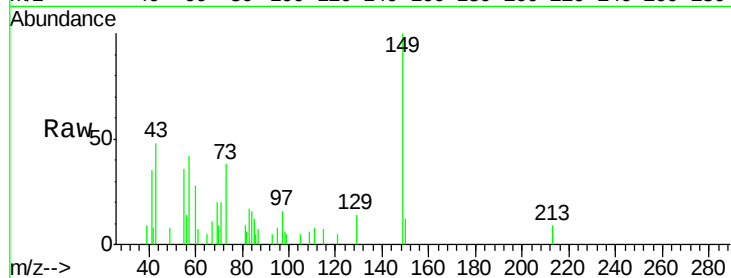
Tgt Ion:149 Resp: 5194

Ion Ratio Lower Upper

149 100

150 11.7 8.1 12.1

104 0.0 4.6 7.0#



#74

Fluoranthene

Concen: Below Cal

RT: 12.31 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

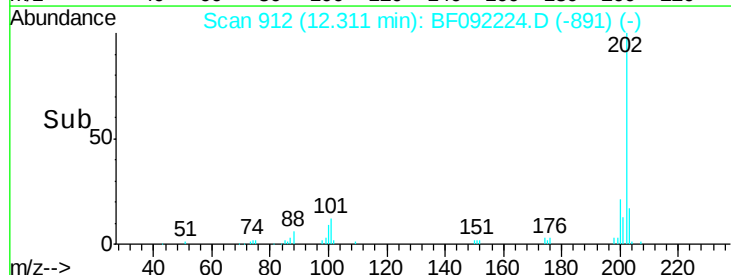
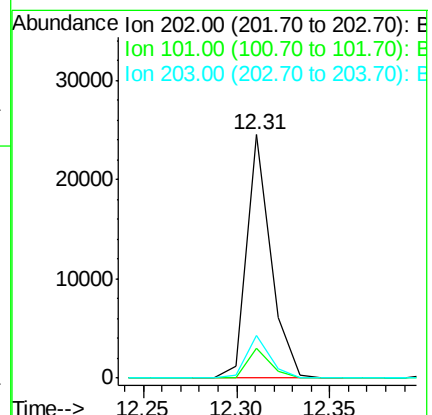
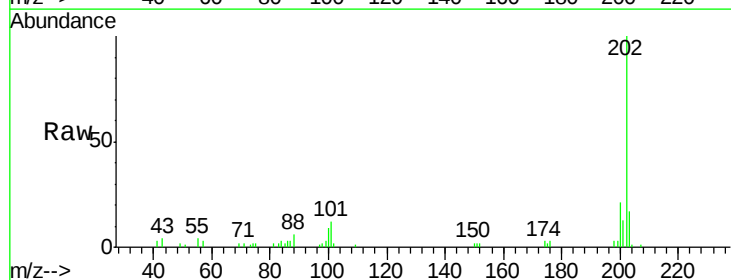
Tgt Ion:202 Resp: 22032

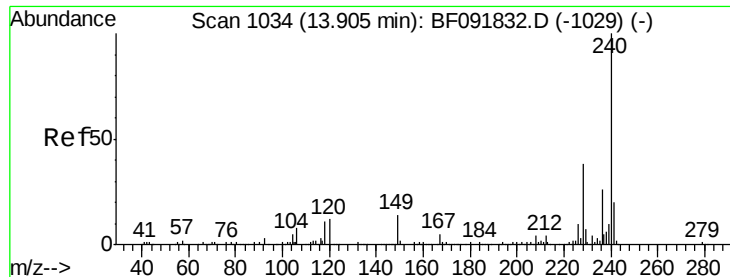
Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

203 17.3 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

Instrument :

BNA_F

ClientSampleId :

COMP-0019

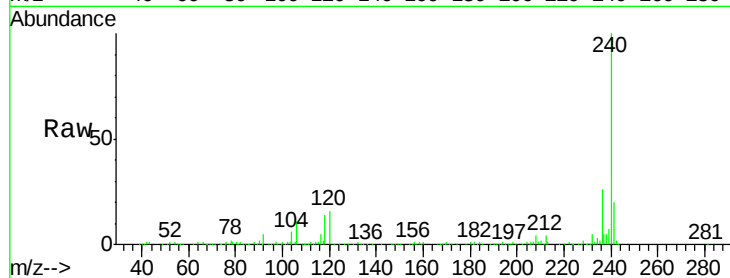
Tgt Ion:240 Resp: 332579

Ion Ratio Lower Upper

240 100

120 15.7 12.9 19.3

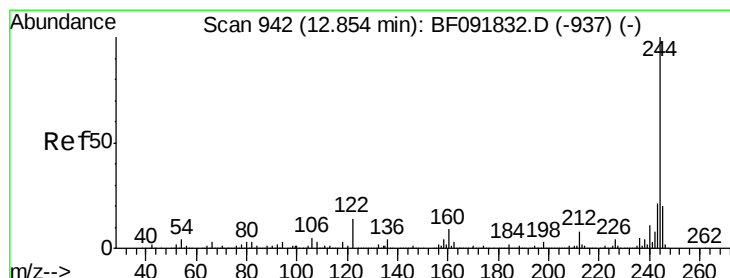
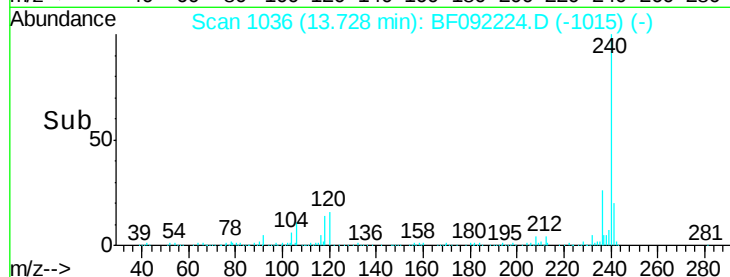
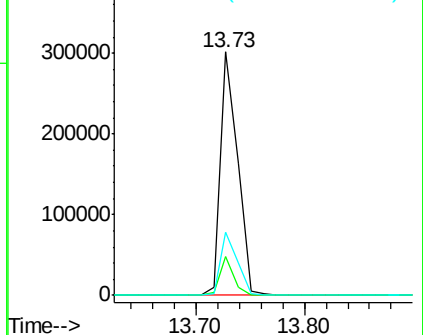
236 25.8 20.9 31.3



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



#78

Terphenyl-d14

Concen: 93.60 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.06 min

Lab File: BF092224.D

Acq: 12 Jan 2017 23:02

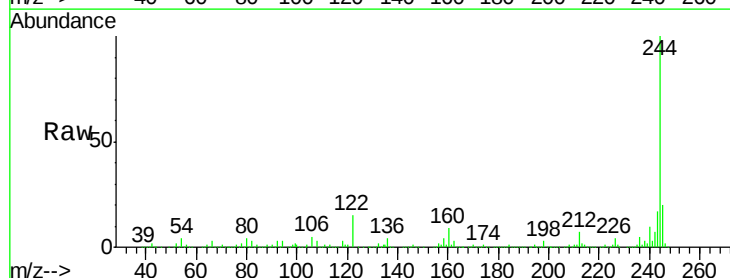
Tgt Ion:244 Resp: 1283530

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

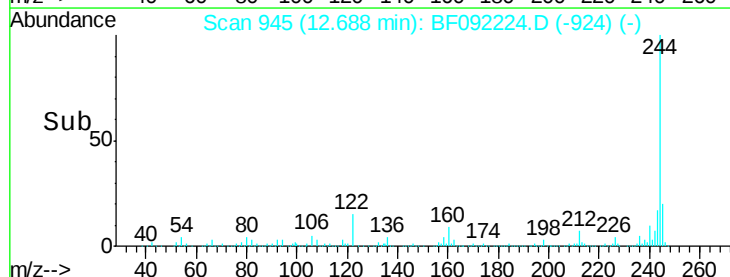
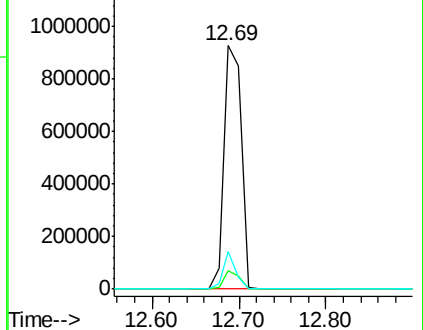
122 15.5 11.4 17.2

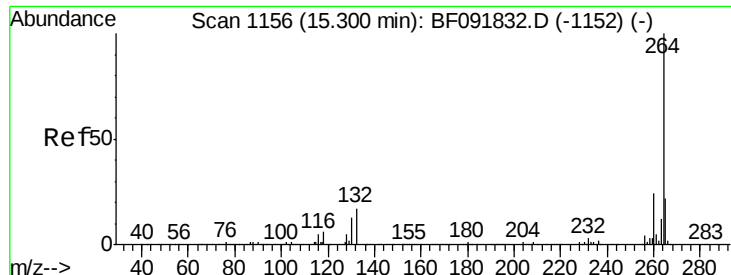


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

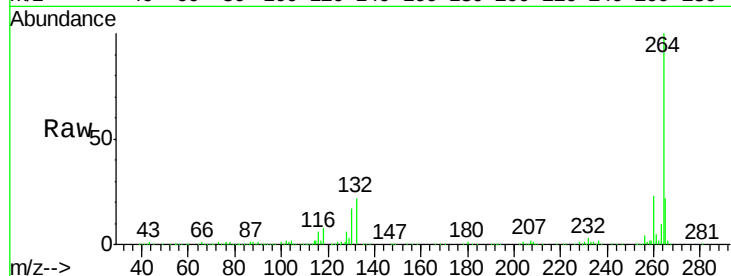




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092224.D
Acq: 12 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
COMP-0019

Tgt Ion: 264 Resp: 328518
Ion Ratio Lower Upper
264 100
260 22.9 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

