

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092223.D
 Acq On : 12 Jan 2017 22:34
 Operator : UM/SJ
 Sample : I1030-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0018

Quant Time: Jan 12 23:44:41 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

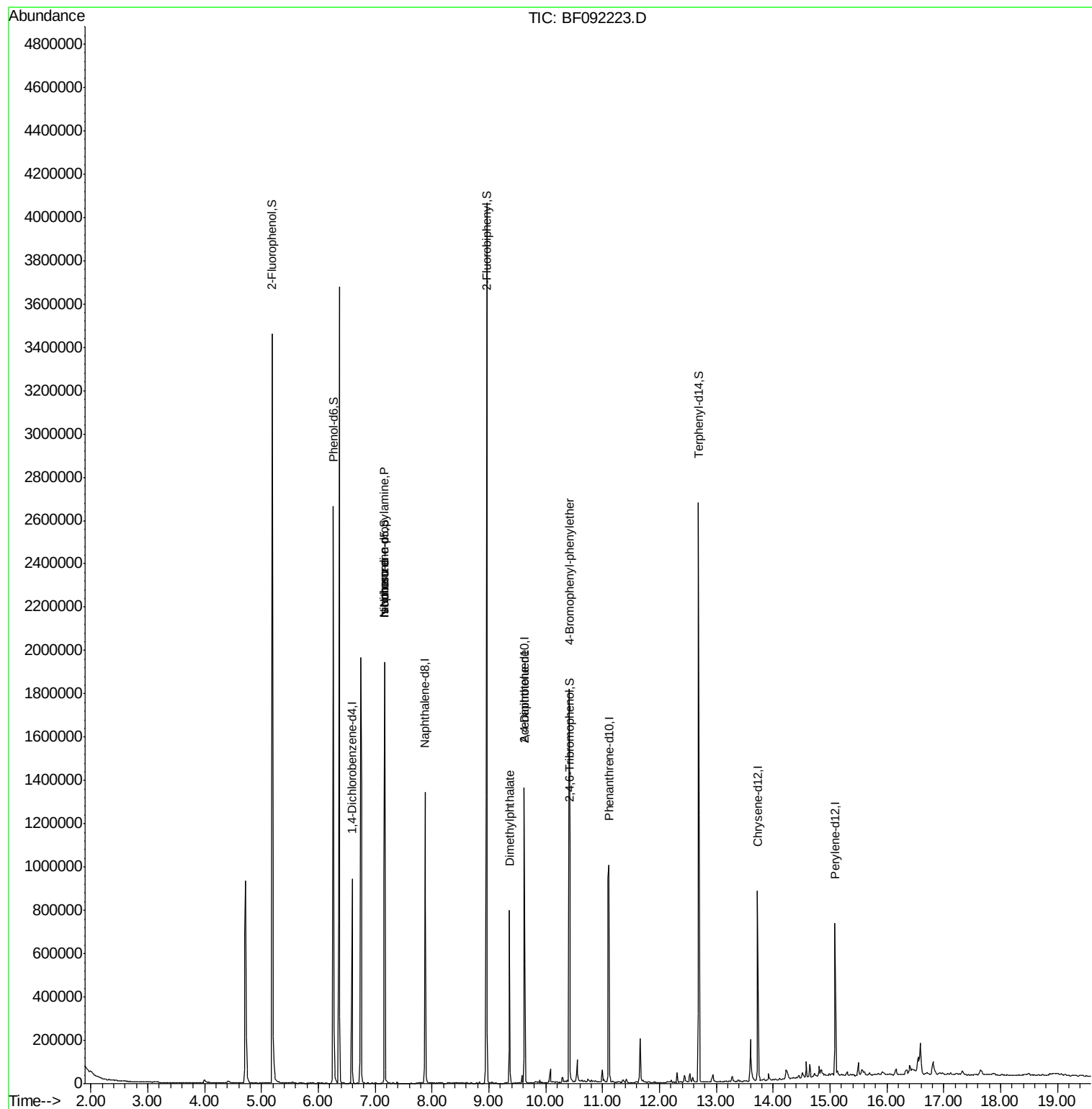
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	165144	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	808454	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	332341	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	548686	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	341912	20.00	ng	-0.06
86) Perylene-d12	15.09	264	322693	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1047258	105.89	ng	-0.05
7) Phenol-d6	6.26	99	1231275	101.97	ng	-0.05
23) Nitrobenzene-d5	7.17	82	742261	51.05	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	280846	102.11	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1320401	80.76	ng	-0.05
78) Terphenyl-d14	12.69	244	987446	70.04	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	97835	12.18	ng	# 74
25) Isophorone	7.17	82	737385	27.49	ng	# 65
37) 2-Methylnaphthalene	8.60	142	670	Below Cal	#	73
49) Dimethylphthalate	9.36	163	319011	15.01	ng	99
56) 2,4-Dinitrotoluene	9.62	165	42630	7.30	ng	# 20
66) 4-Bromophenyl-phenylether	10.41	248	16762	2.94	ng	# 1
71) Anthracene	11.19	178	851	Below Cal	#	59
73) Di-n-butylphthalate	11.68	149	3867	Below Cal	#	92
74) Fluoranthene	12.31	202	17496	Below Cal		98
76) Benzidine	12.69	184	12880	Below Cal		98

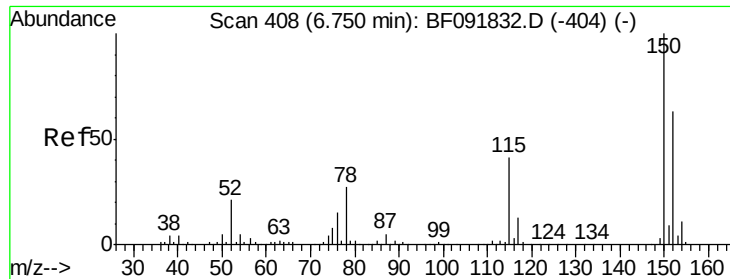
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092223.D

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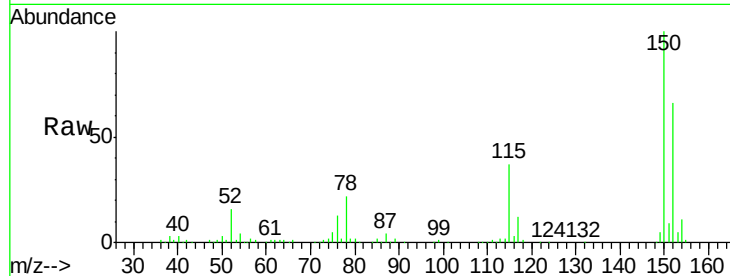
Tgt Ion:152 Resp: 165144

Ion Ratio Lower Upper

152 100

150 152.6 124.9 187.3

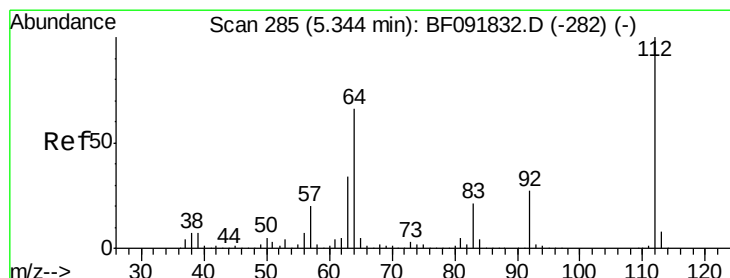
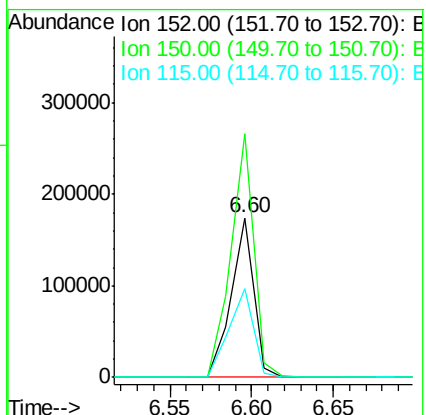
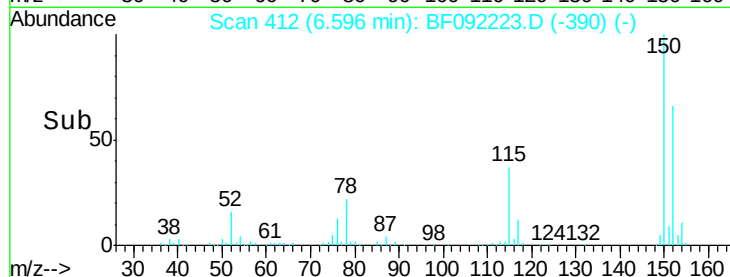
115 55.8 46.0 69.0



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: 105.89 ng

RT: 5.19 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF092223.D

Acq: 12 Jan 2017 22:34

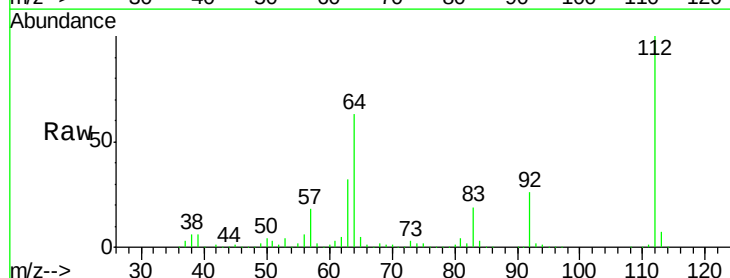
Tgt Ion:112 Resp: 1047258

Ion Ratio Lower Upper

112 100

64 62.8 46.1 69.1

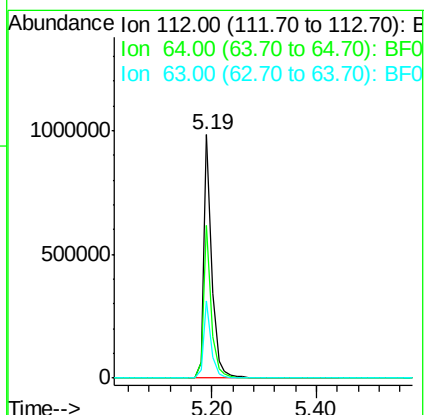
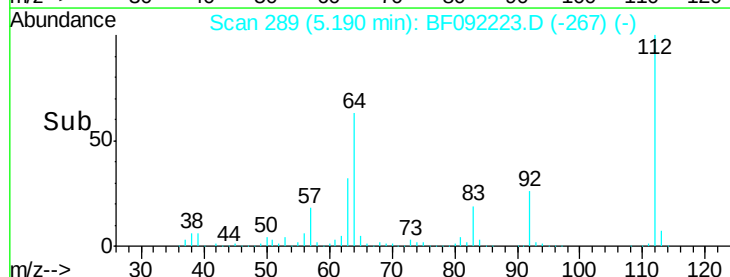
63 31.8 23.8 35.6

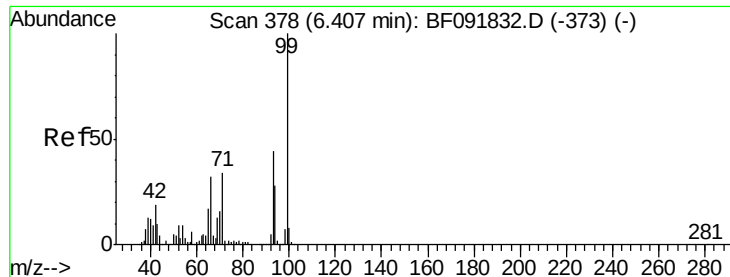


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.97 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092223.D

Acq: 12 Jan 2017 22:34

Instrument :

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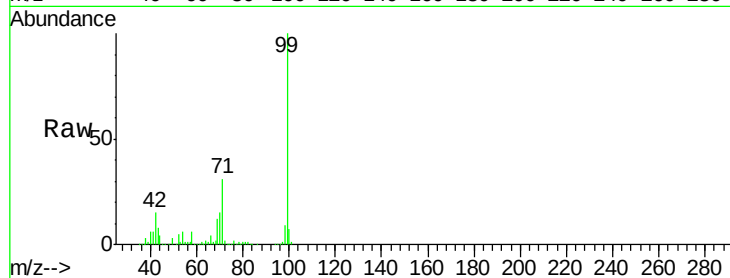
Tgt Ion: 99 Resp: 1231275

Ion Ratio Lower Upper

99 100

42 15.2 15.6 23.4#

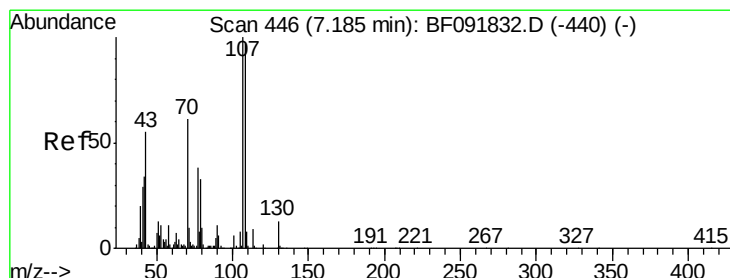
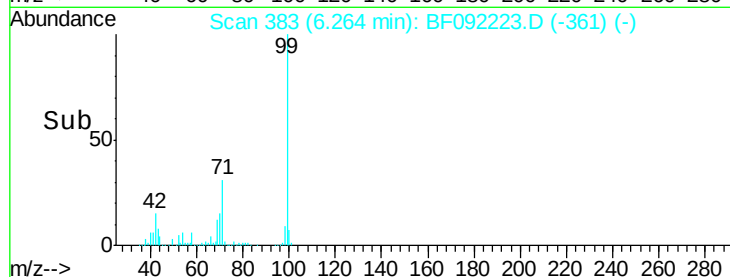
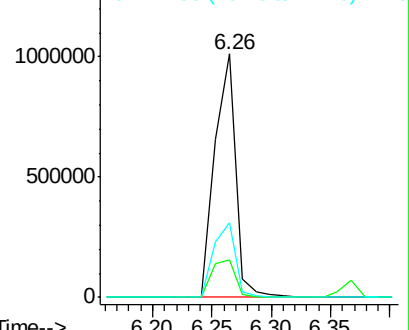
71 30.7 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.18 ng

RT: 7.17 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF092223.D

Acq: 12 Jan 2017 22:34

Tgt Ion: 70 Resp: 97835

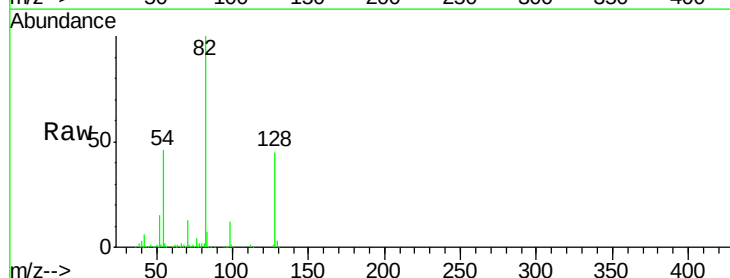
Ion Ratio Lower Upper

70 100

42 43.3 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

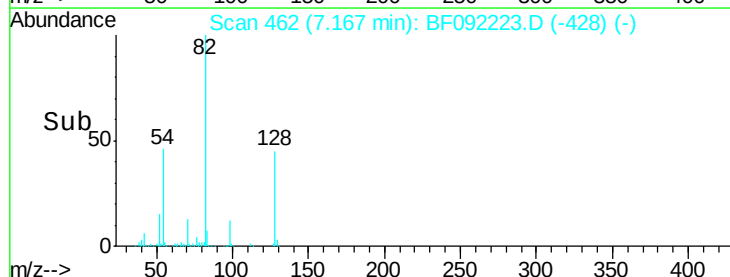
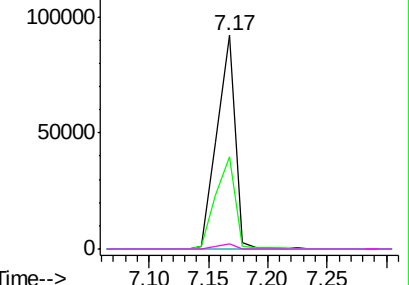


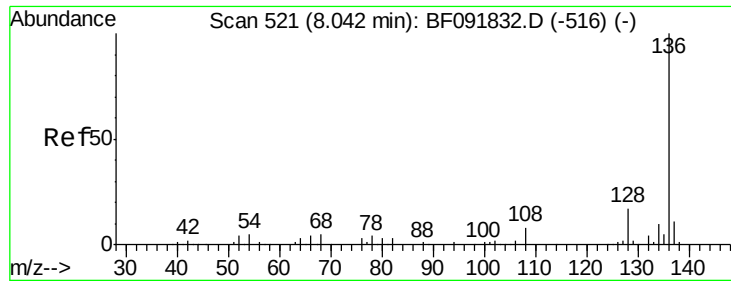
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

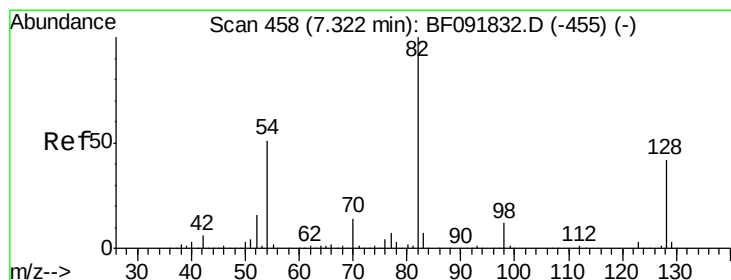
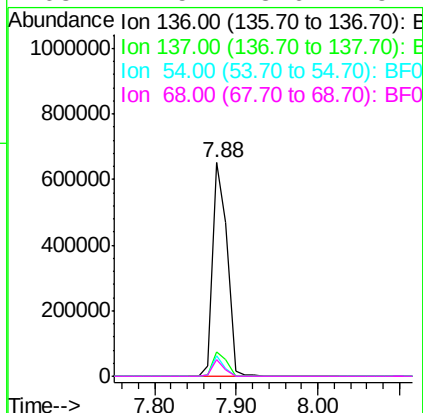
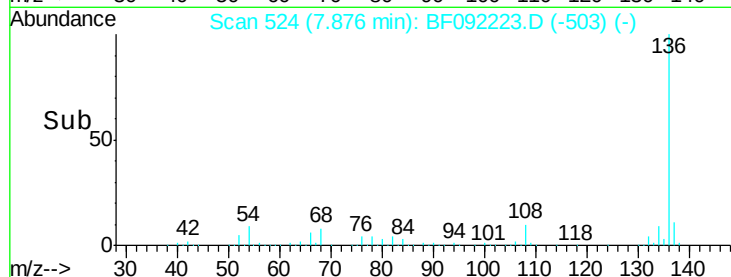
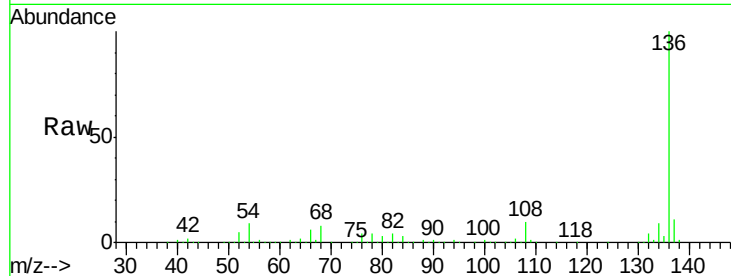




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092223.D
Acq: 12 Jan 2017 22:34

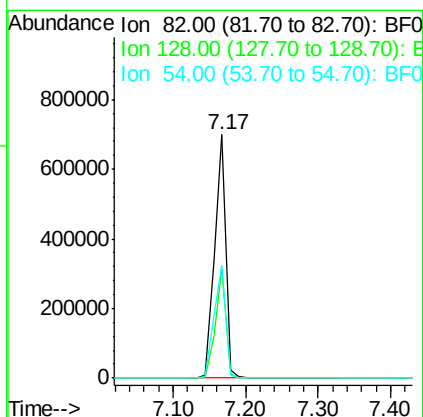
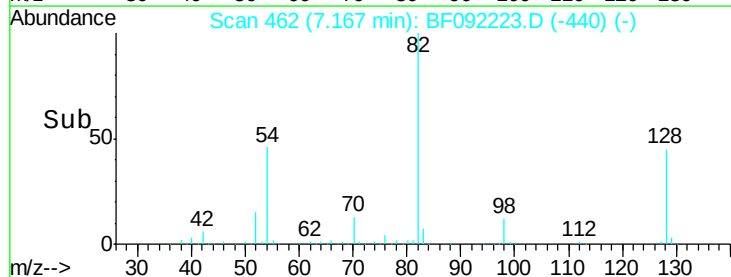
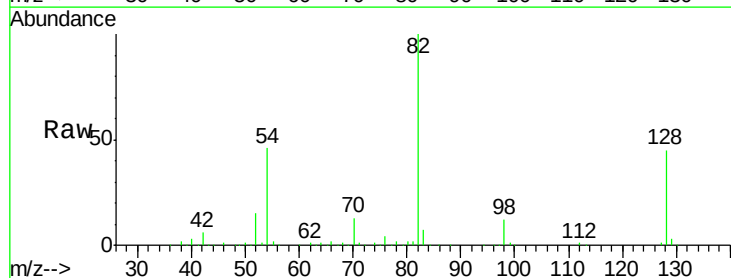
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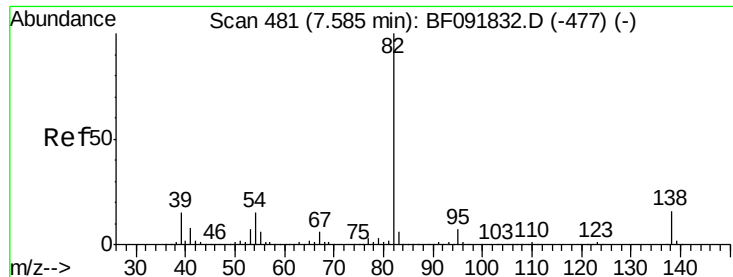
Tgt Ion:	136	Resp:	808454
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.3	4.5	6.7#
68	7.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 51.05 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092223.D
Acq: 12 Jan 2017 22:34

Tgt Ion:	82	Resp:	742261
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	52.0
54	46.2	39.5	59.3





#25

Isophorone

Concen: 27.49 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF092223.D

Acq: 12 Jan 2017 22:34

Instrument :

BNA_F

ClientSampleId :

COMP-0018

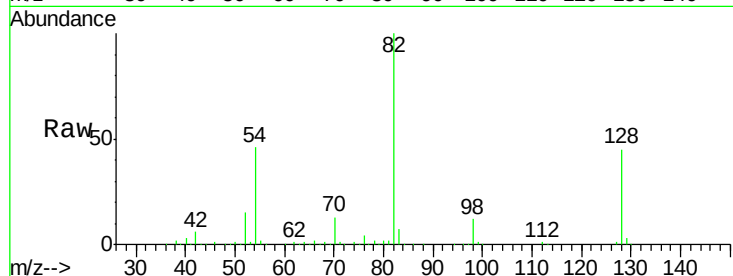
Tgt Ion: 82 Resp: 737385

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

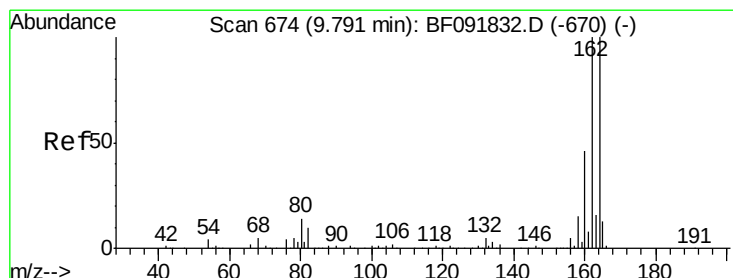
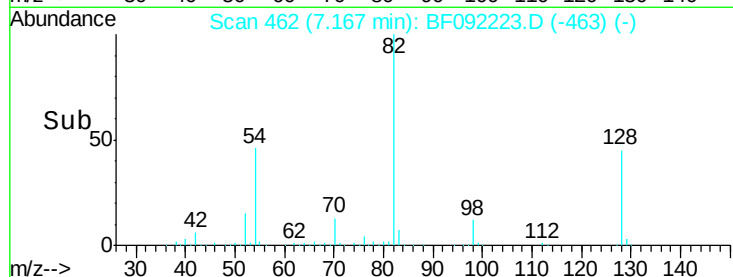
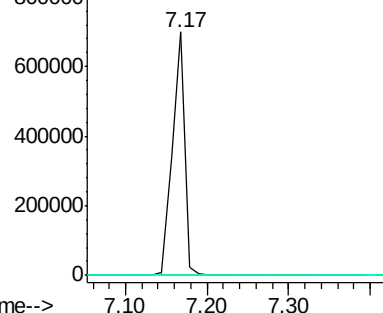
138 0.0 14.6 22.0#



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: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092223.D

Acq: 12 Jan 2017 22:34

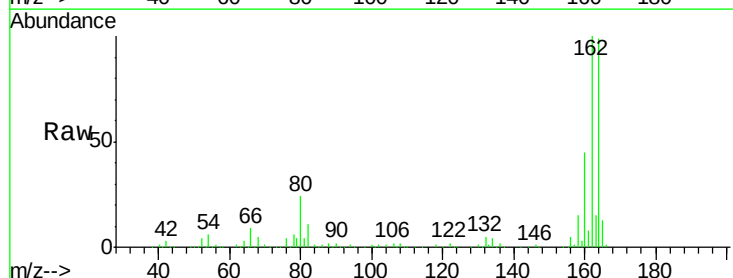
Tgt Ion: 164 Resp: 332341

Ion Ratio Lower Upper

164 100

162 101.4 80.2 120.2

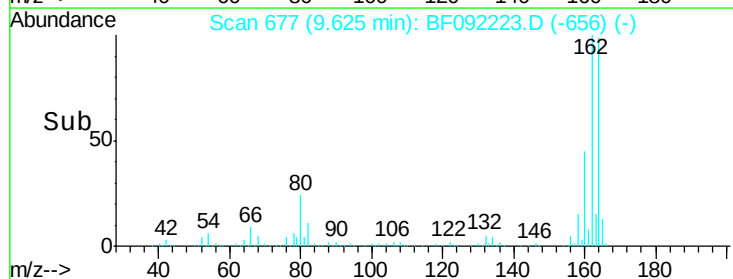
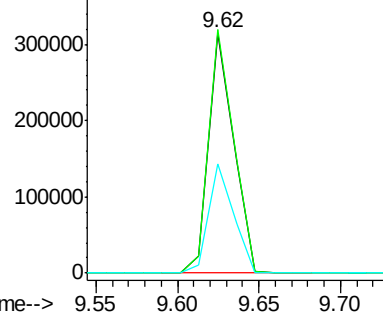
160 45.3 36.9 55.3

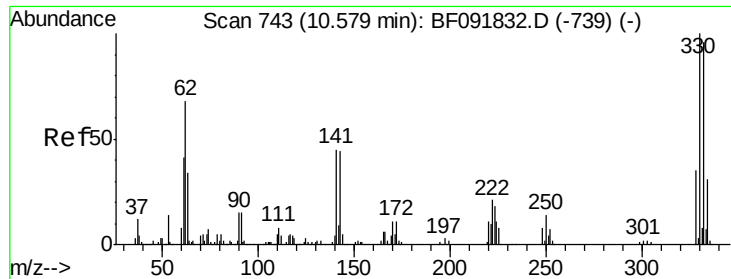


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

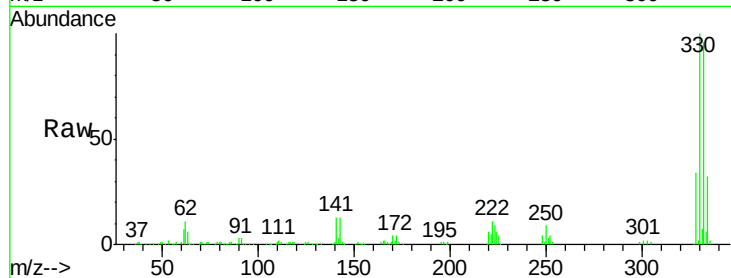




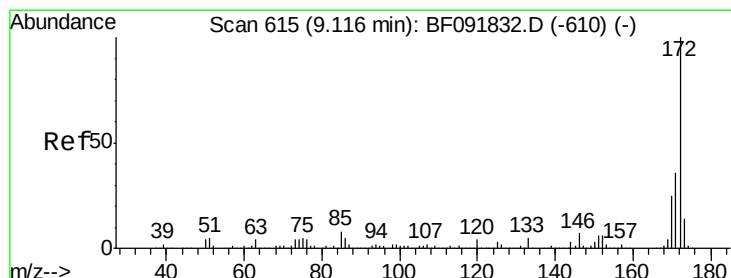
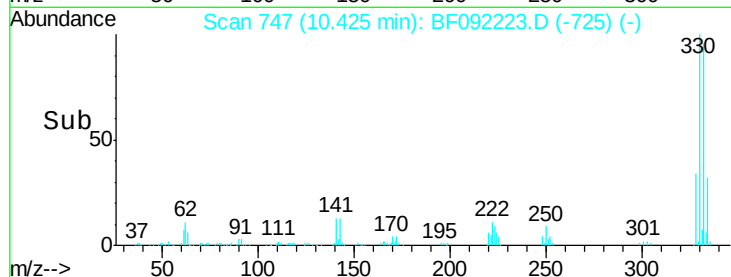
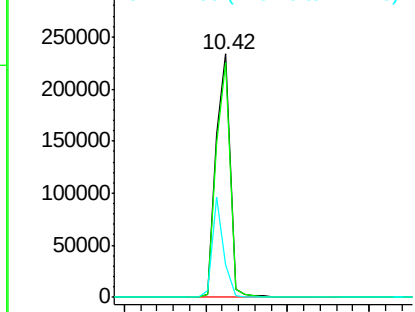
#41
 2,4,6-Tribromophenol
 Concen: 102.11 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092223.D
 Acq: 12 Jan 2017 22:34

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 280846
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 33.9 34.1 51.1#

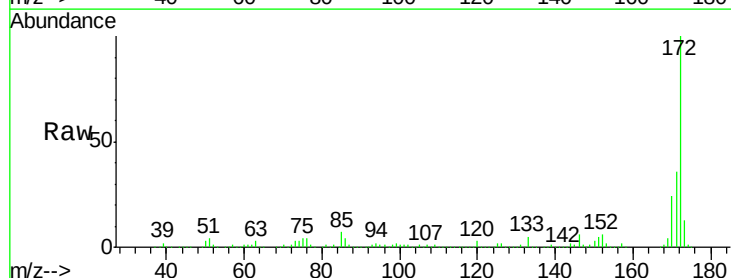


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

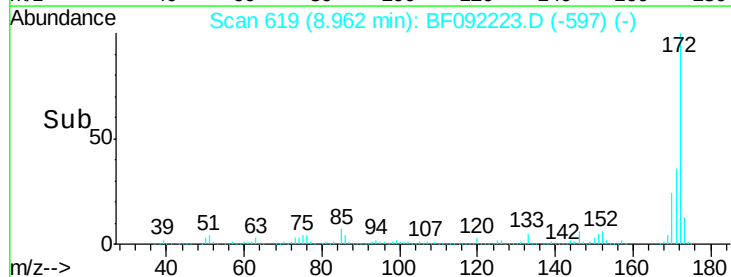
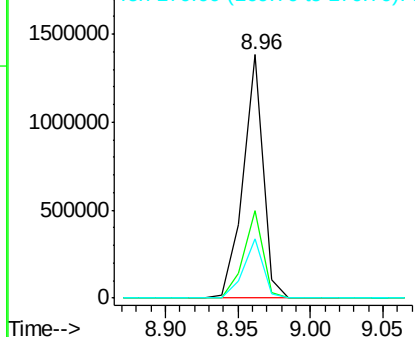


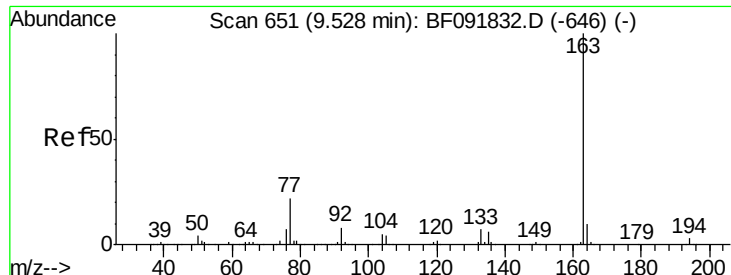
#44
 2-Fluorobiphenyl
 Concen: 80.76 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092223.D
 Acq: 12 Jan 2017 22:34

Tgt Ion:172 Resp: 1320401
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.4 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

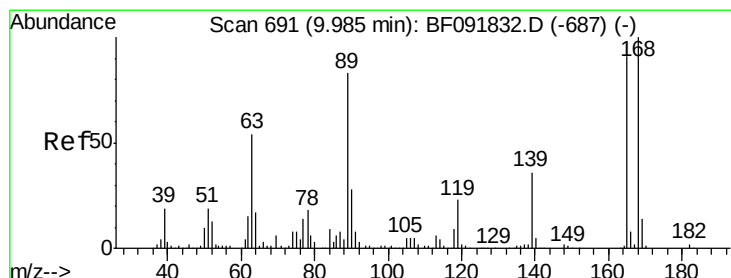
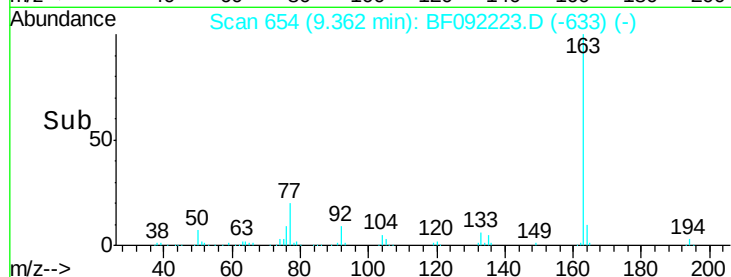
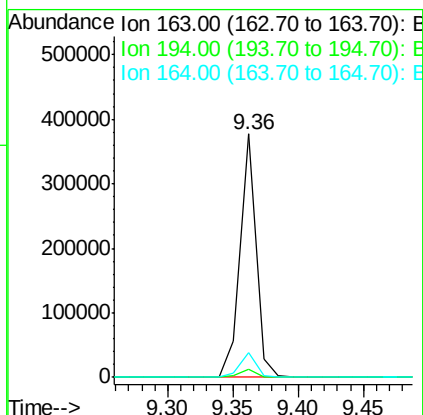
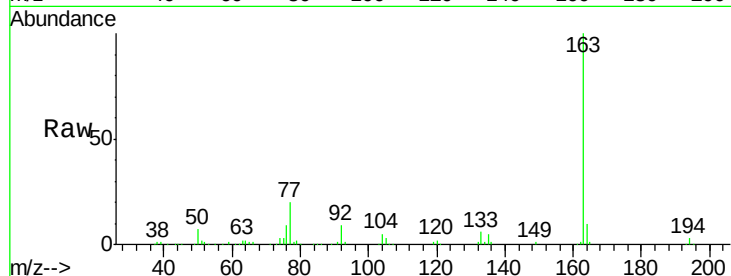




#49
Dimethylphthalate
Concen: 15.01 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092223.D
Acq: 12 Jan 2017 22:34

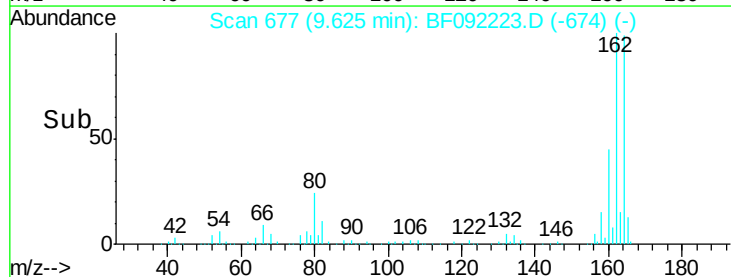
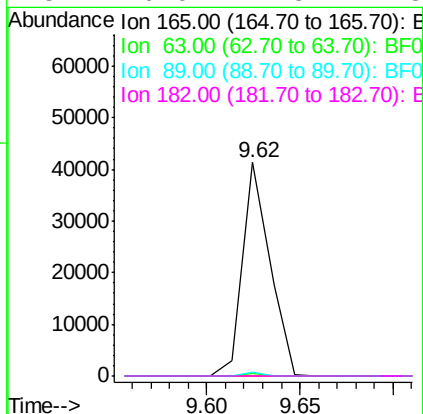
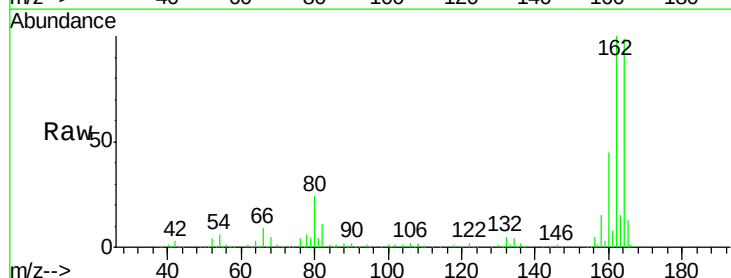
Instrument :
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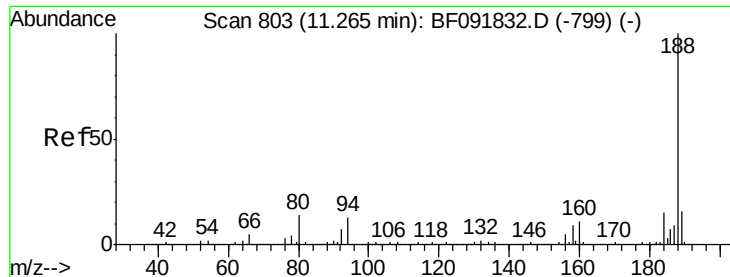
Tgt Ion:163 Resp: 319011
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.1 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.30 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092223.D
Acq: 12 Jan 2017 22:34

Tgt Ion:165 Resp: 42630
Ion Ratio Lower Upper
165 100
63 1.0 40.2 60.4#
89 1.7 62.5 93.7#
182 0.0 1.8 2.8#

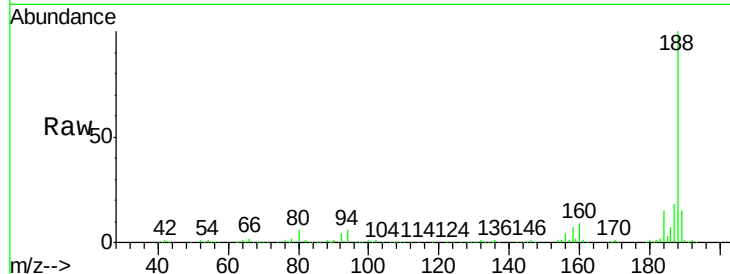




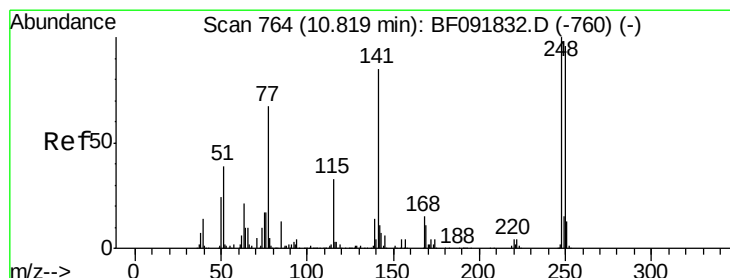
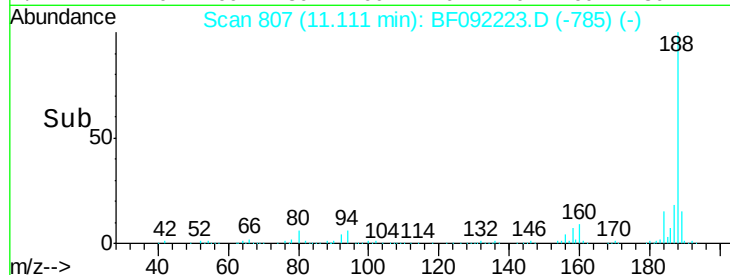
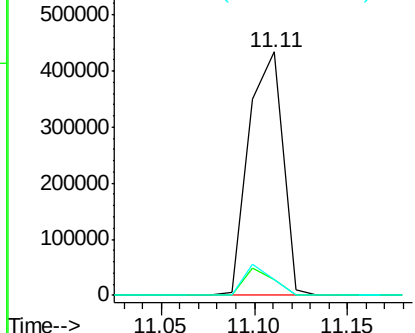
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092223.D
Acq: 12 Jan 2017 22:34

Instrument :
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Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	10.0	15.0#
80	6.3	11.2	16.8#

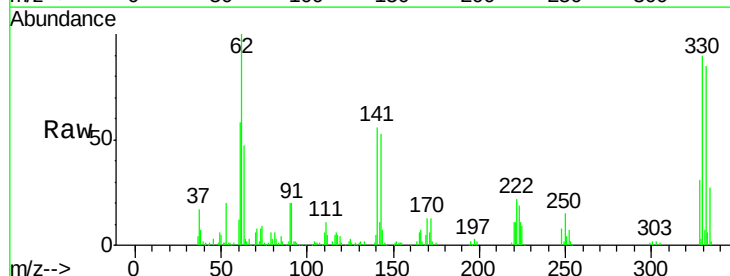


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

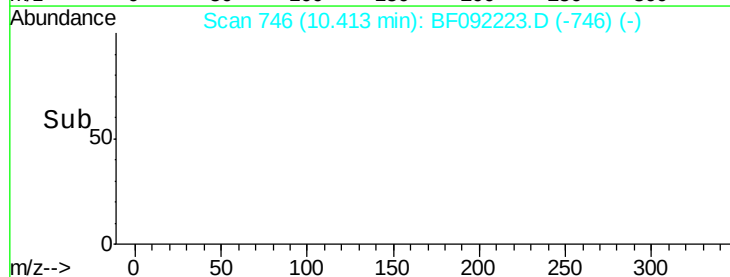
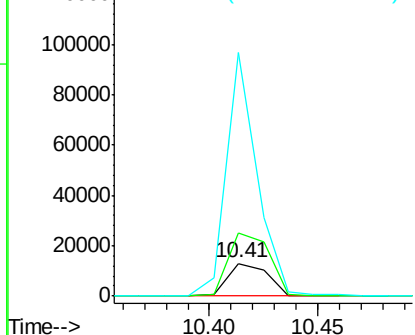


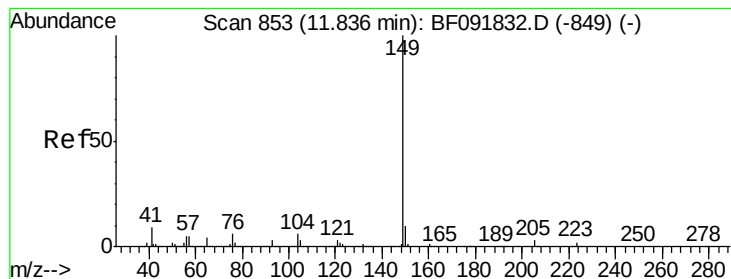
#66
4-Bromophenyl-phenylether
Concen: 2.94 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.30 min
Lab File: BF092223.D
Acq: 12 Jan 2017 22:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.6	76.9	115.3#
141	743.3	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: BF092223.D

Acq: 12 Jan 2017 22:34

Instrument :

BNA_F

ClientSampleId :

COMP-0018

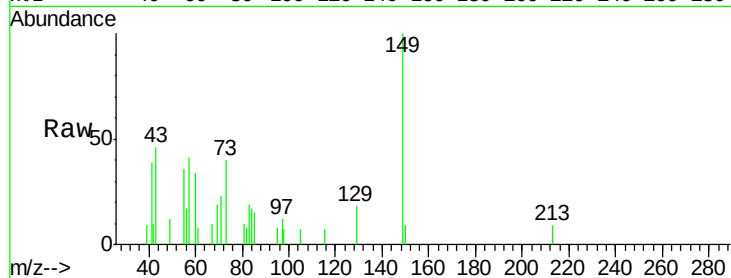
Tgt Ion:149 Resp: 3867

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

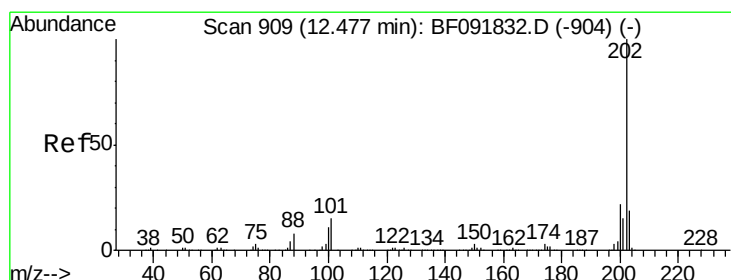
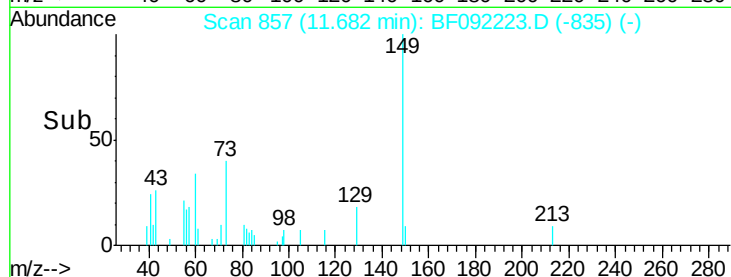
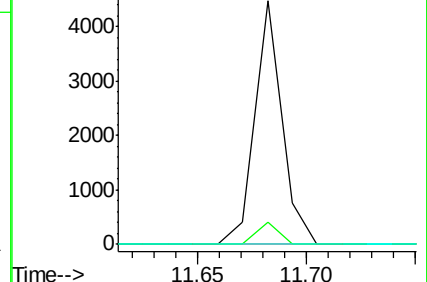
104 0.0 4.6 7.0#



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: 12.31 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF092223.D

Acq: 12 Jan 2017 22:34

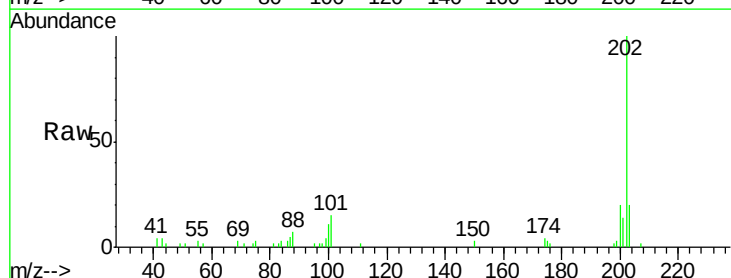
Tgt Ion:202 Resp: 17496

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.6

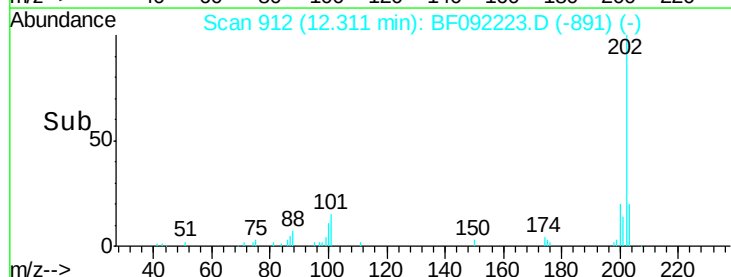
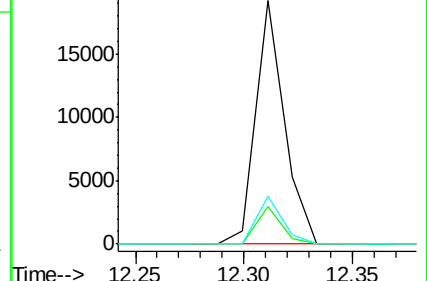
203 19.6 0.0 38.7

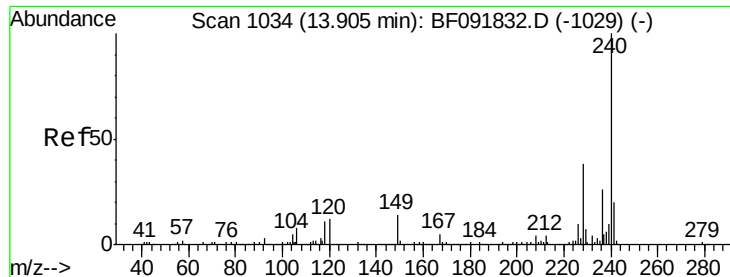


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF092223.D

Acq: 12 Jan 2017 22:34

Instrument :

BNA_F

ClientSampleId :

COMP-0018

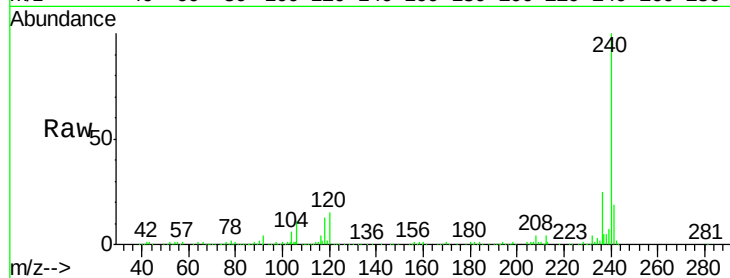
Tgt Ion:240 Resp: 341912

Ion Ratio Lower Upper

240 100

120 14.8 12.9 19.3

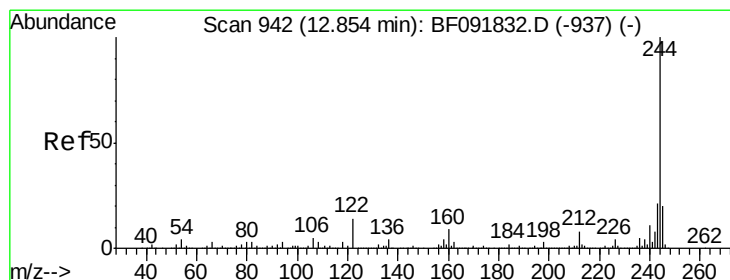
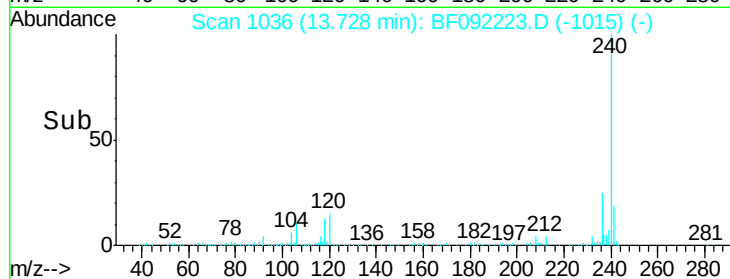
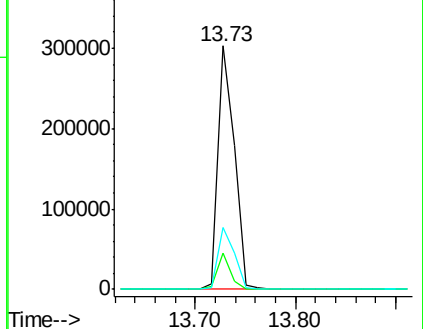
236 25.4 20.9 31.3



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: 70.04 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.06 min

Lab File: BF092223.D

Acq: 12 Jan 2017 22:34

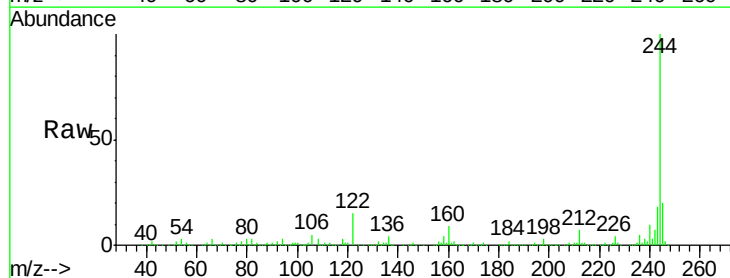
Tgt Ion:244 Resp: 987446

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

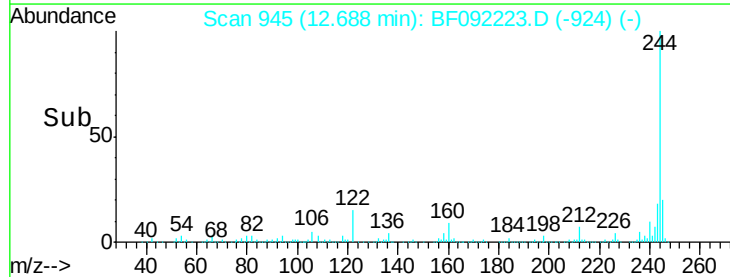
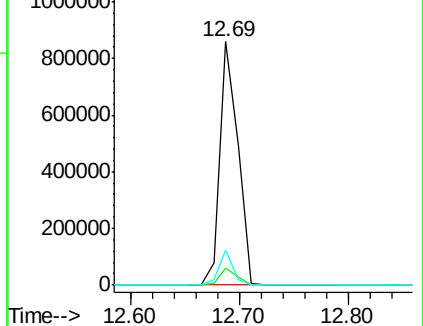
122 14.6 11.4 17.2

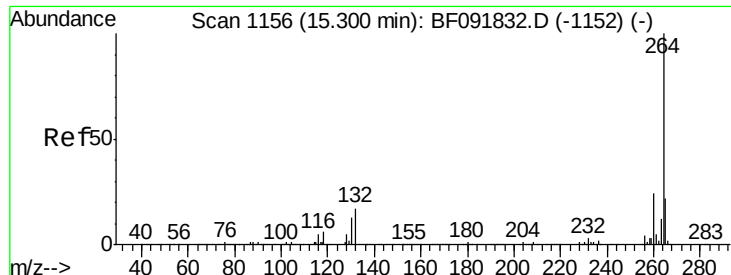


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

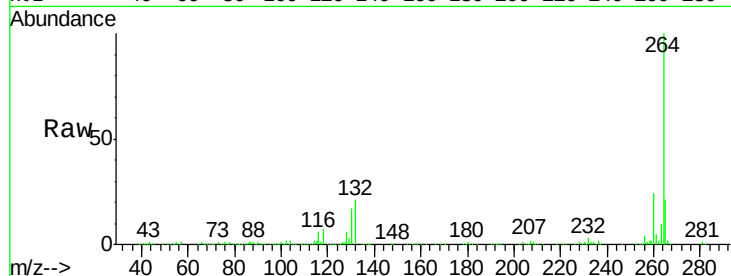




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092223.D
Acq: 12 Jan 2017 22:34

Instrument :
BNA_F
ClientSampleId :
COMP-0018

Tgt Ion: 264 Resp: 322693
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 20.9 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

