

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092892.D
 Acq On : 10 Feb 2017 19:28
 Operator : SJ/MA
 Sample : I1777-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-5-7

Quant Time: Feb 10 23:07:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

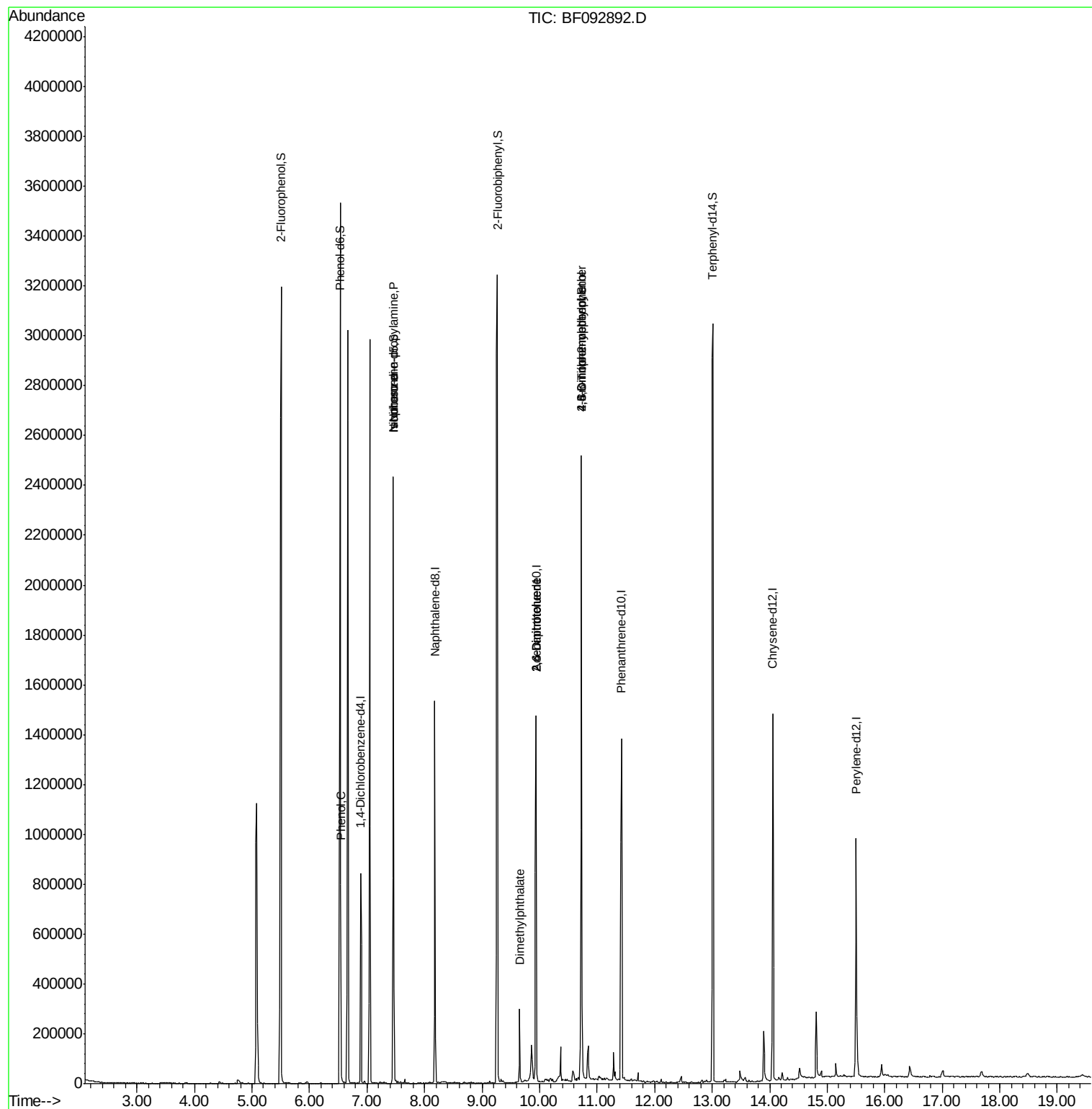
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	162113	20.00	ng	-0.08
21) Naphthalene-d8	8.18	136	673776	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	395109	20.00	ng	-0.07
63) Phenanthrene-d10	11.43	188	673600	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	526033	20.00	ng	-0.09
86) Perylene-d12	15.51	264	435051	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1224476	129.58	ng	-0.07
7) Phenol-d6	6.53	99	1322060	108.74	ng	-0.07
23) Nitrobenzene-d5	7.46	82	854553	70.63	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	308420	107.93	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1615038	74.05	ng	-0.07
78) Terphenyl-d14	13.01	244	1467528	65.55	ng	-0.07
Target Compounds						
10) Phenol	6.54	94	92168	6.48	ng	# 75
19) n-Nitroso-di-n-propylamine	7.46	70	113005	14.60	ng	# 81
25) Isophorone	7.46	82	846607	37.55	ng	# 65
49) Dimethylphthalate	9.65	163	122027	4.59	ng	# 99
50) 2,6-Dinitrotoluene	9.94	165	50157	8.73	ng	# 30
56) 2,4-Dinitrotoluene	9.94	165	50148	6.55	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.73	198	712	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	22840	3.25	ng	# 1

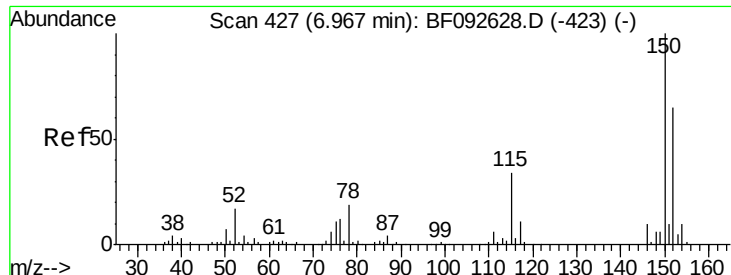
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.08 min

Lab File: BF092892.D

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ClientSampleId :

38-SB-02-5-7

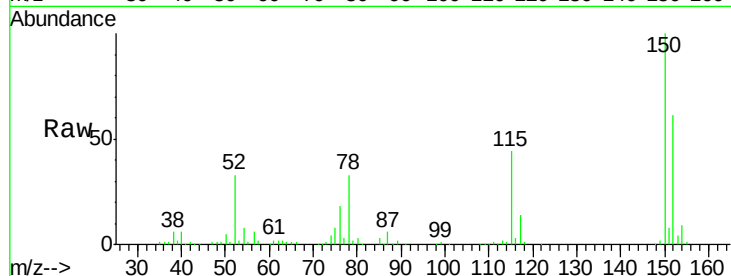
Tgt Ion:152 Resp: 162113

Ion Ratio Lower Upper

152 100

150 162.7 124.9 187.3

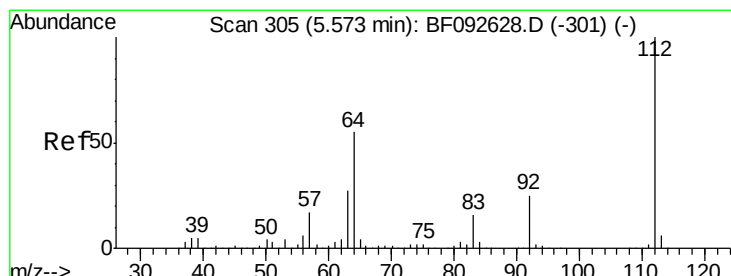
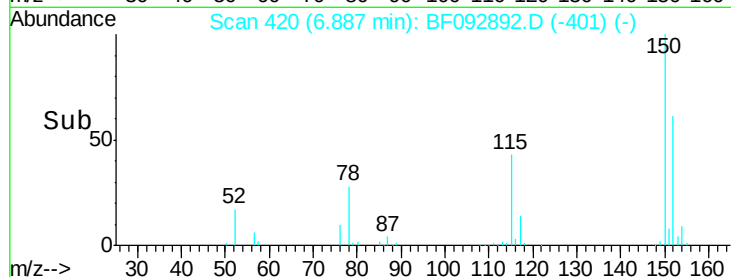
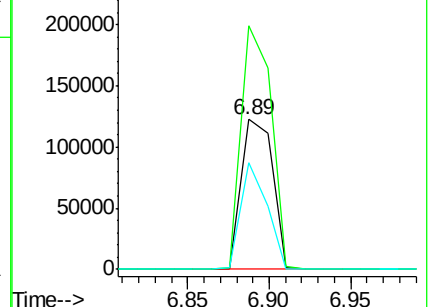
115 71.3 46.0 69.0#



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: 129.58 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.07 min

Lab File: BF092892.D

Acq: 10 Feb 2017 19:28

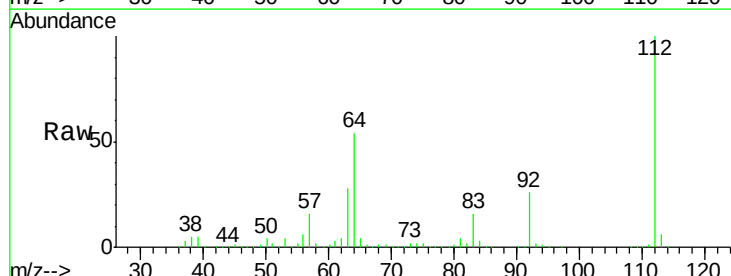
Tgt Ion:112 Resp: 1224476

Ion Ratio Lower Upper

112 100

64 54.3 46.1 69.1

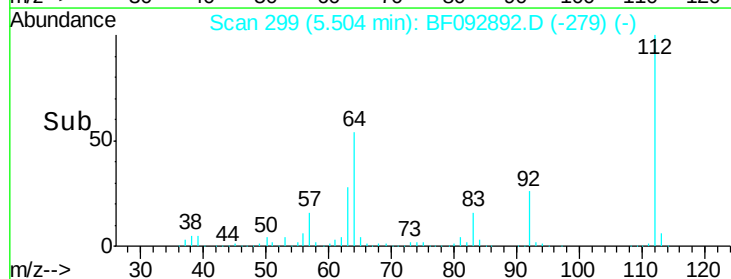
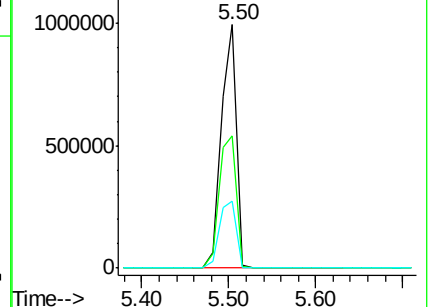
63 27.6 23.8 35.6

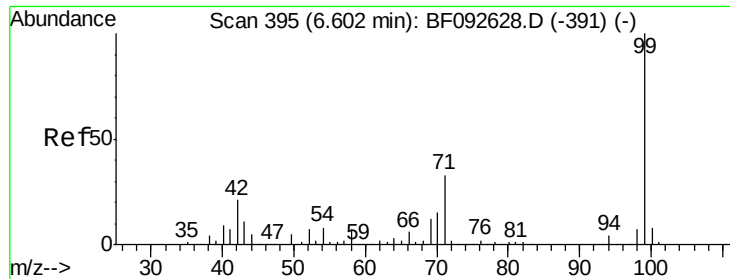


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.74 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092892.D

Acq: 10 Feb 2017 19:28

Instrument :

BNA_F

ClientSampleId :

38-SB-02-5-7

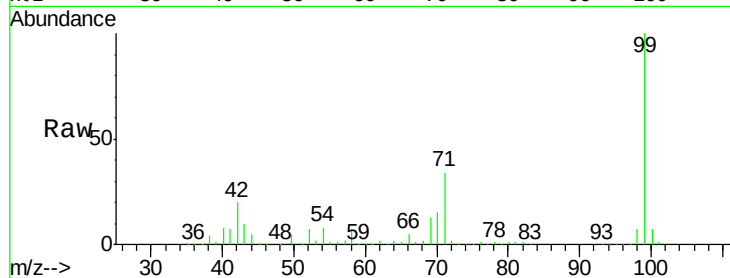
Tgt Ion: 99 Resp: 1322060

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

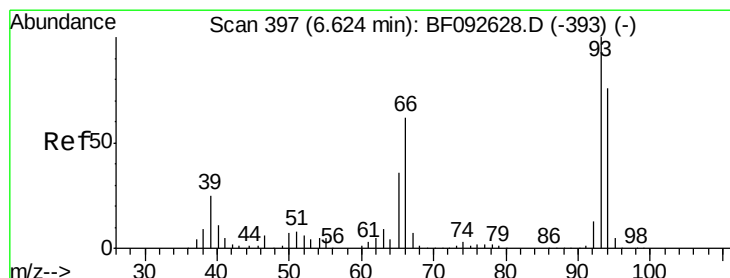
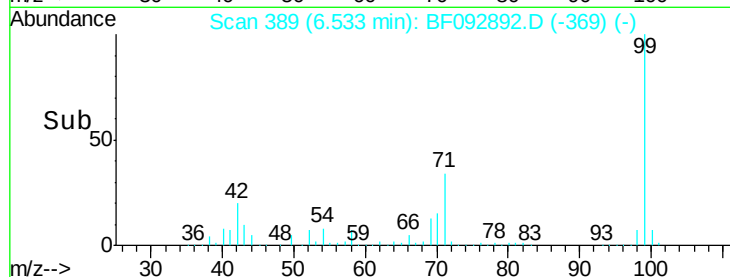
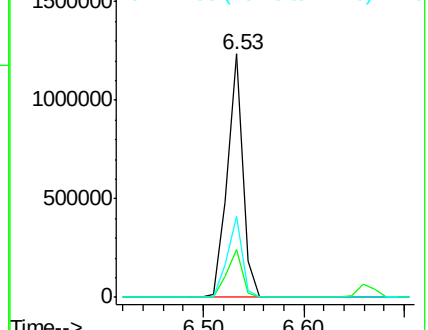
71 33.5 27.5 41.3



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



#10

Phenol

Concen: 6.48 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.08 min

Lab File: BF092892.D

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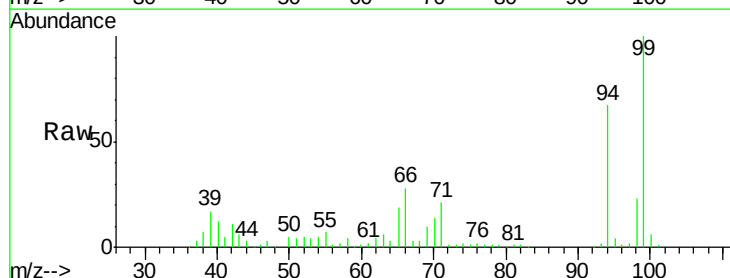
Tgt Ion: 94 Resp: 92168

Ion Ratio Lower Upper

94 100

65 28.2 21.4 61.4

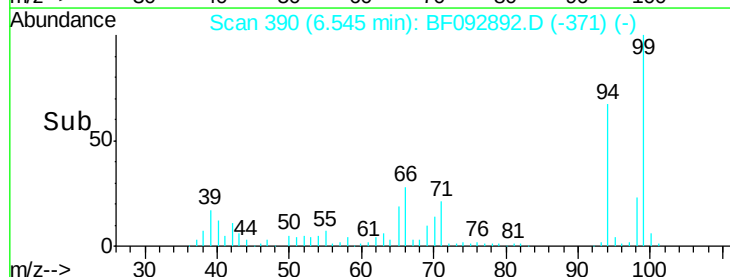
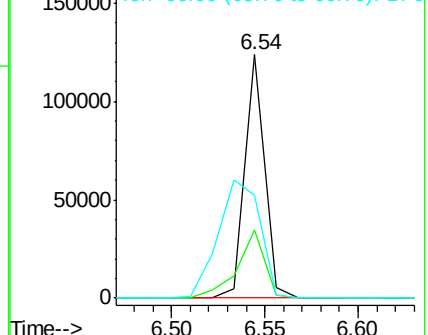
66 42.1 44.0 84.0#

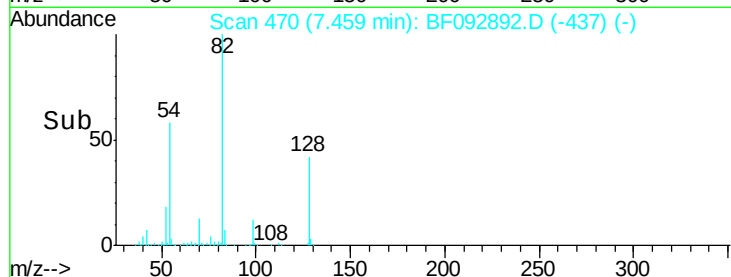
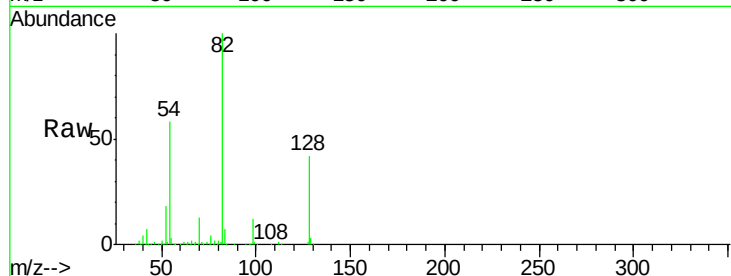
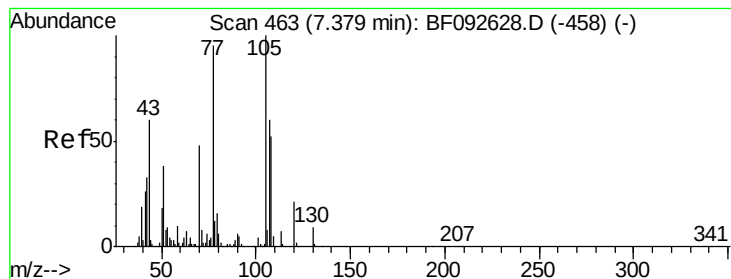


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.60 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092892.D

Acq: 10 Feb 2017 19:28

Instrument :

BNA_F

ClientSampleId :

38-SB-02-5-7

Tgt Ion: 70 Resp: 113005

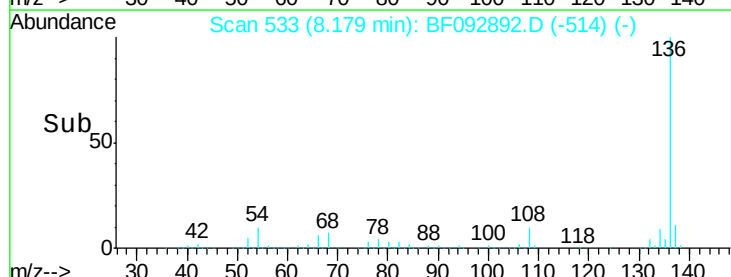
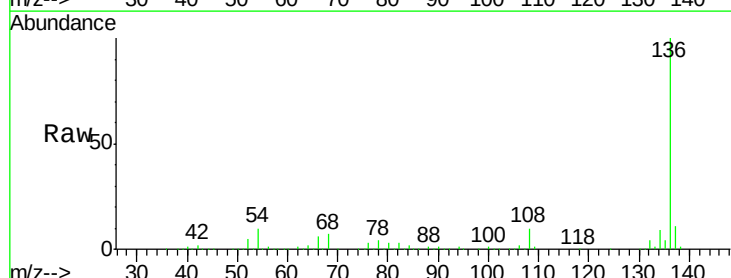
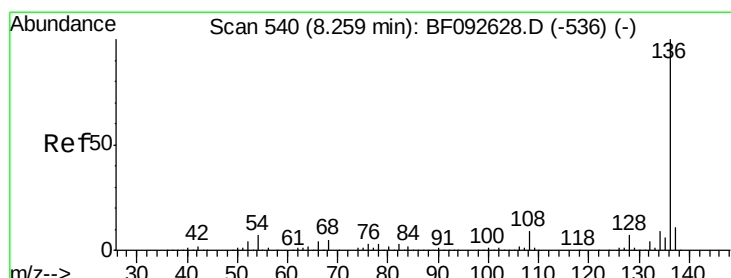
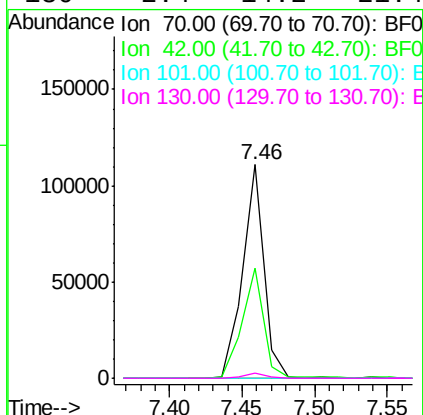
Ion Ratio Lower Upper

70 100

42 51.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.08 min

Lab File: BF092892.D

Acq: 10 Feb 2017 19:28

Tgt Ion: 136 Resp: 673776

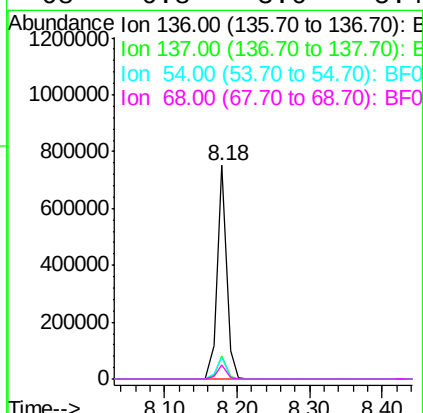
Ion Ratio Lower Upper

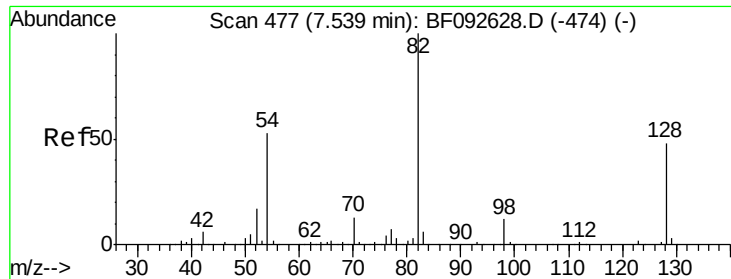
136 100

137 11.0 8.4 12.6

54 10.3 4.5 6.7#

68 6.8 3.6 5.4#

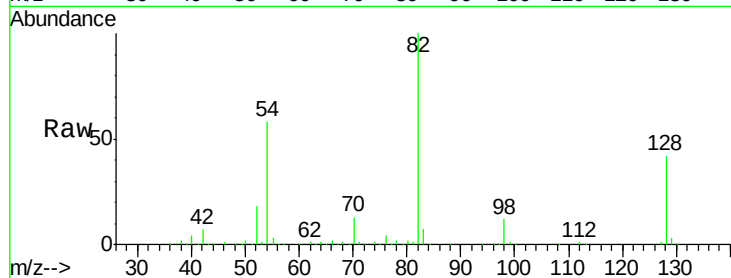




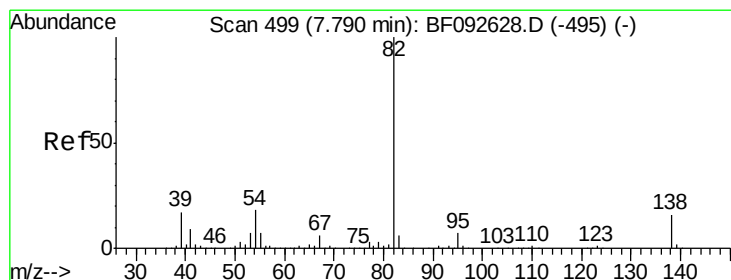
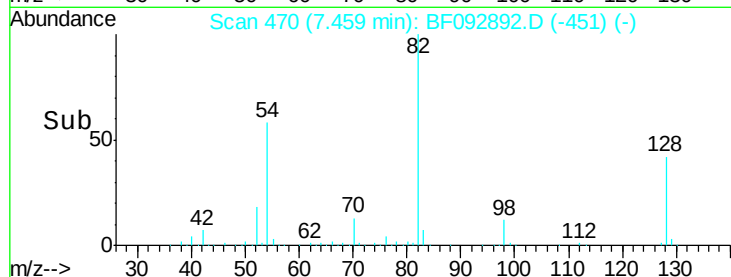
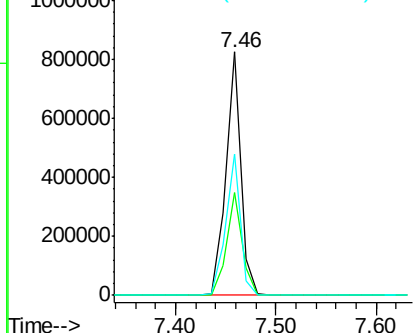
#23
 Nitrobenzene-d5
 Concen: 70.63 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092892.D
 Acq: 10 Feb 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-5-7

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	57.9	39.5	59.3

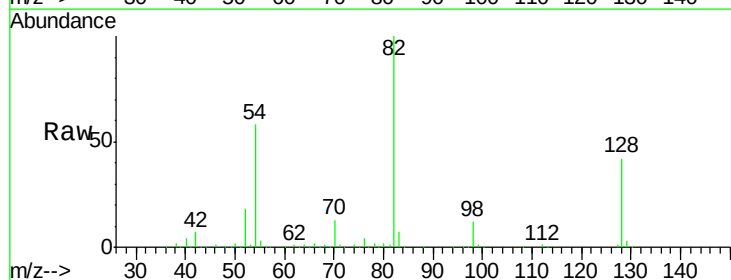


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

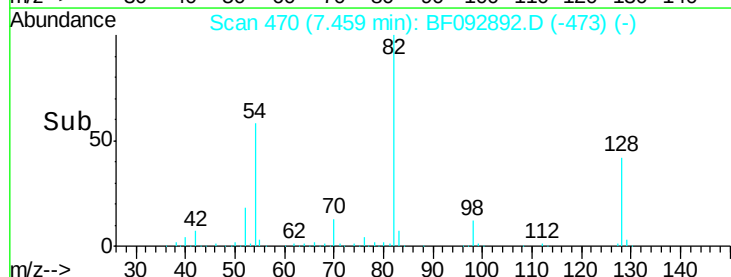
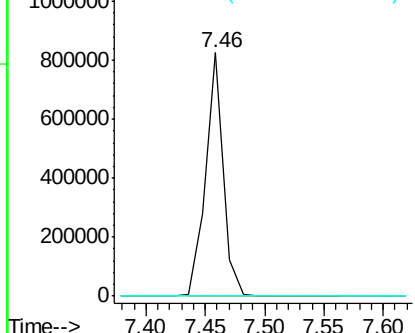


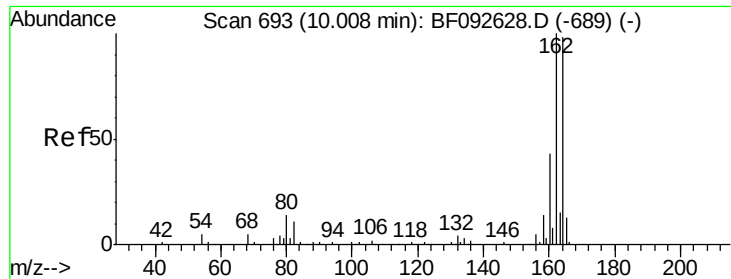
#25
 Isophorone
 Concen: 37.55 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.33 min
 Lab File: BF092892.D
 Acq: 10 Feb 2017 19:28

Tgt 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

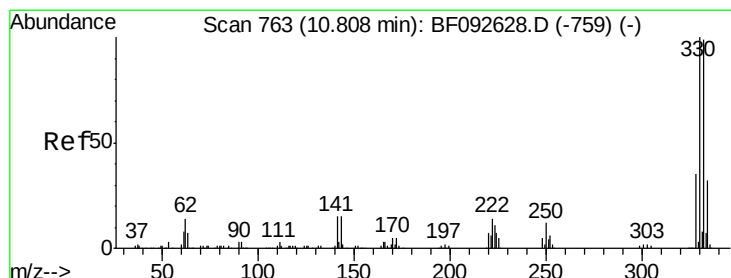
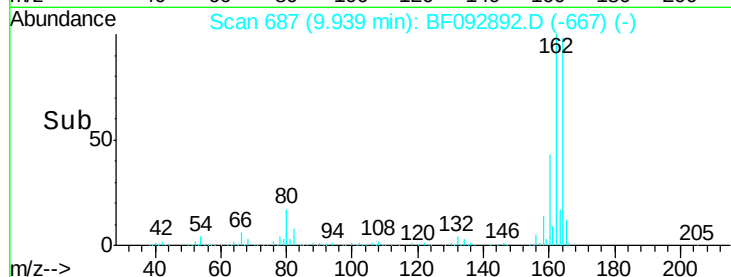
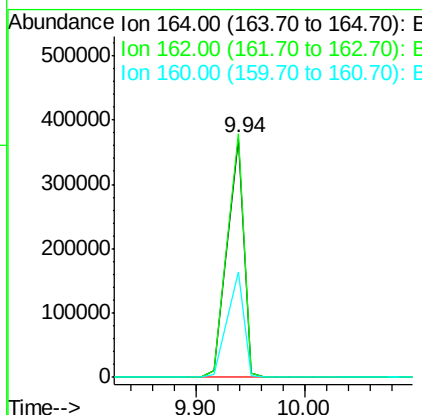
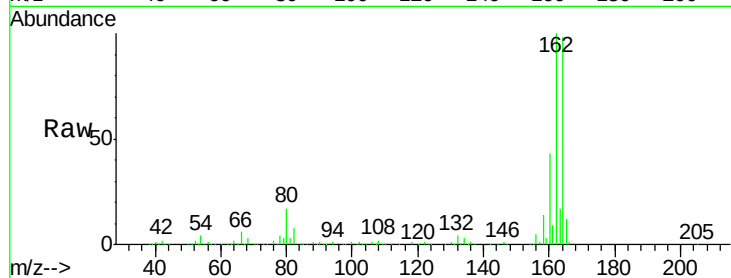




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092892.D
 Acq: 10 Feb 2017 19:28

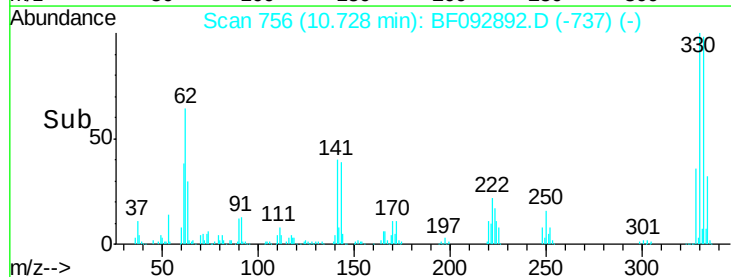
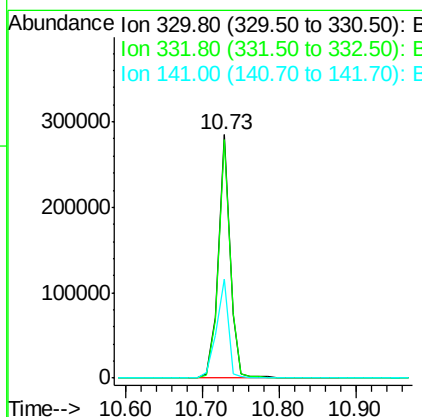
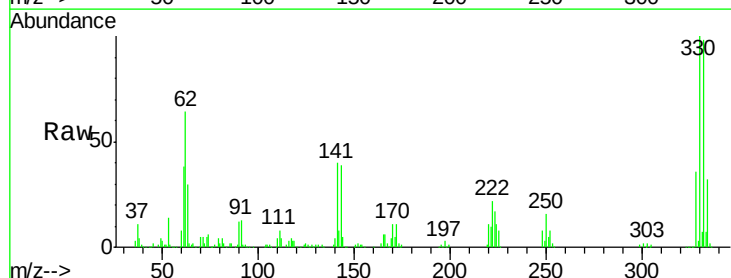
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 ClientSampleId :
 38-SB-02-5-7

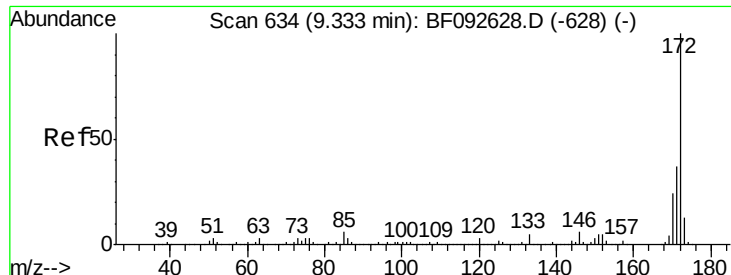
Tgt Ion:164 Resp: 395109
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.2 120.2
 160 43.8 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 107.93 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092892.D
 Acq: 10 Feb 2017 19:28

Tgt Ion:330 Resp: 308420
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 40.0 34.1 51.1

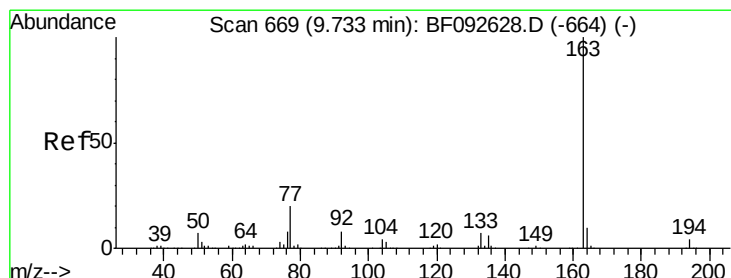
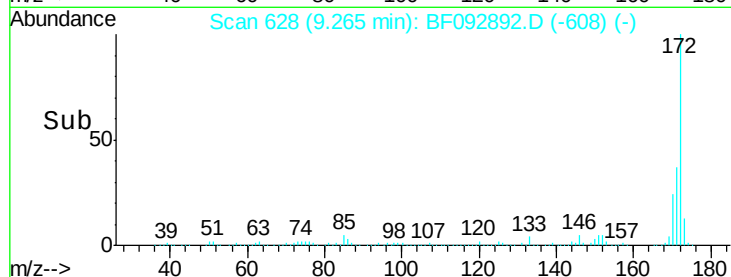
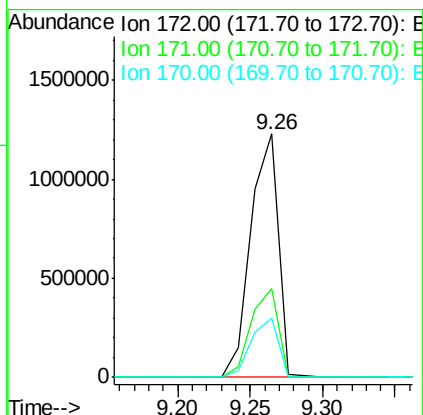
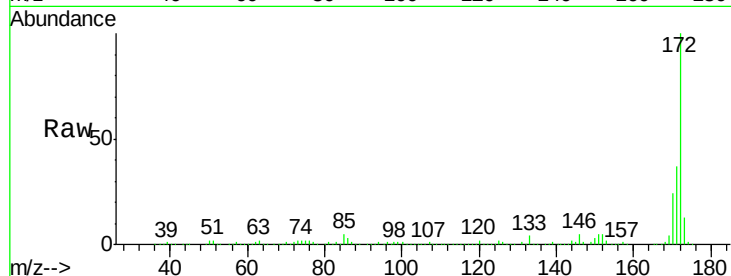




#44
2-Fluorobiphenyl
Concen: 74.05 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.07 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

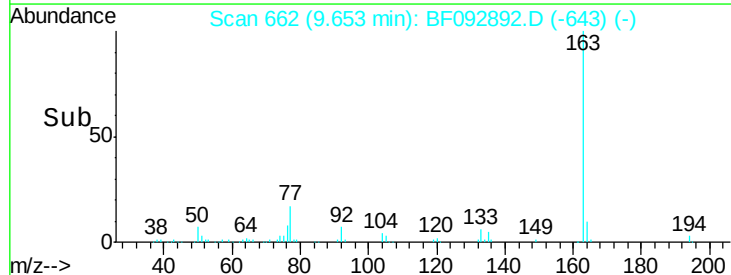
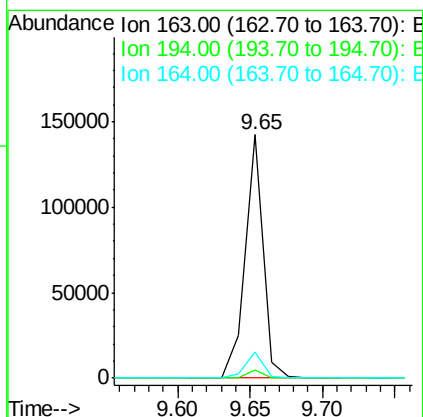
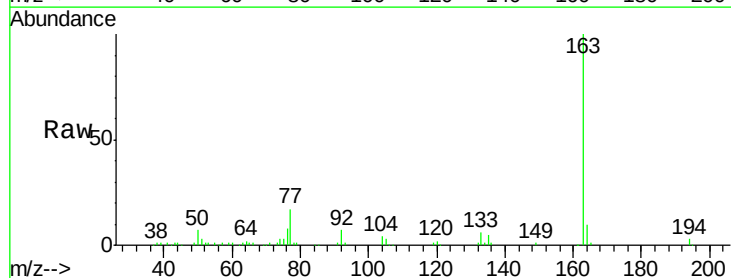
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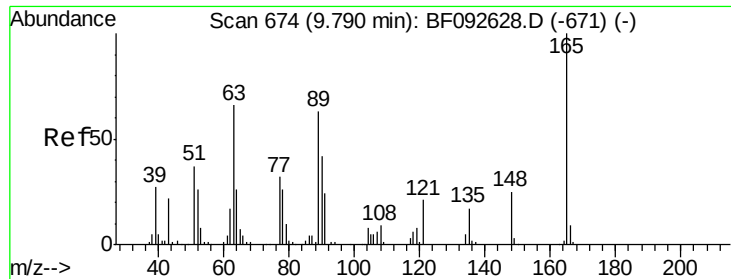
Tgt Ion:172 Resp: 1615038
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.5 20.2 30.4



#49
Dimethylphthalate
Concen: 4.59 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.08 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Tgt Ion:163 Resp: 122027
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.5 8.0 12.0

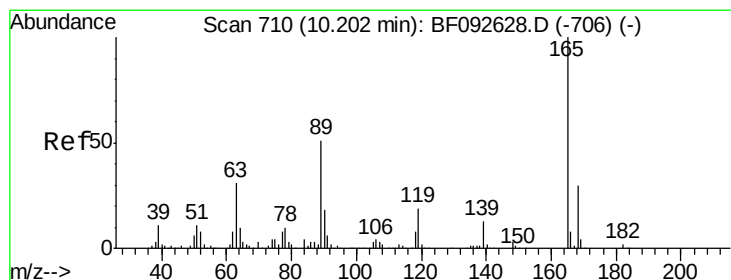
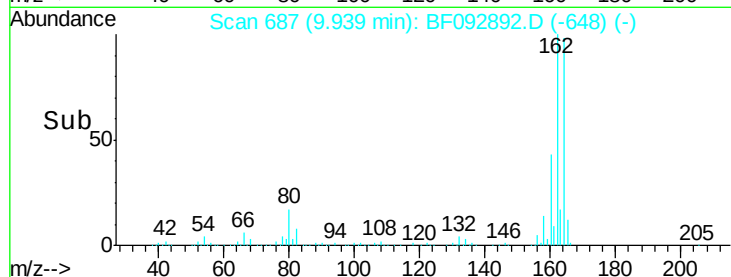
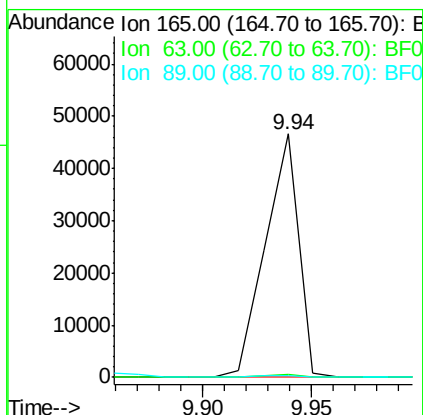
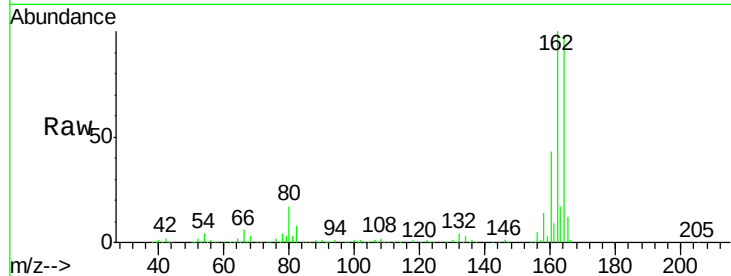




#50
 2,6-Dinitrotoluene
 Concen: 8.73 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.15 min
 Lab File: BF092892.D
 Acq: 10 Feb 2017 19:28

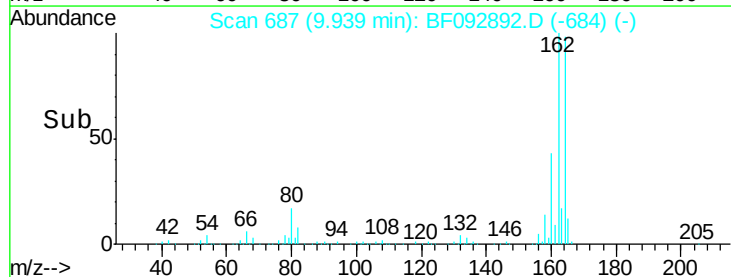
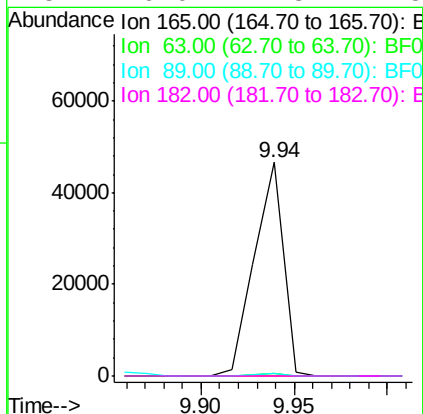
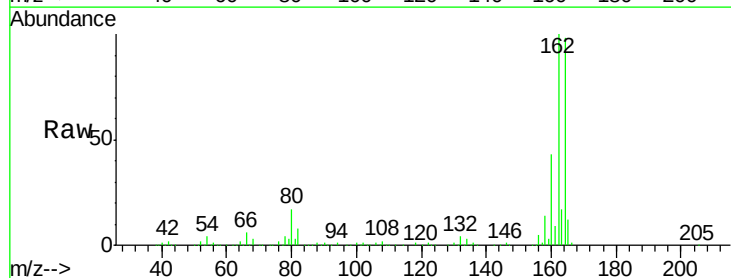
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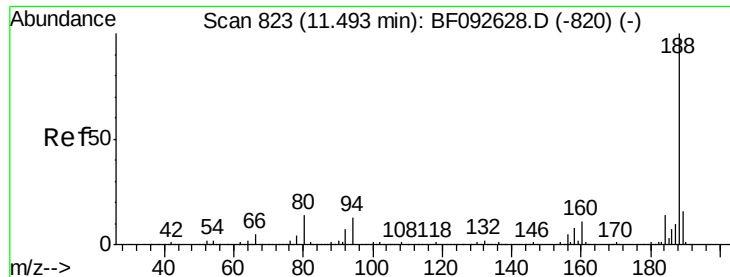
Tgt Ion:165 Resp: 50157
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.2 54.4#
 89 0.9 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.26 min
 Lab File: BF092892.D
 Acq: 10 Feb 2017 19:28

Tgt Ion:165 Resp: 50148
 Ion Ratio Lower Upper
 165 100
 63 1.1 40.2 60.4#
 89 0.9 62.5 93.7#
 182 0.0 1.8 2.8#

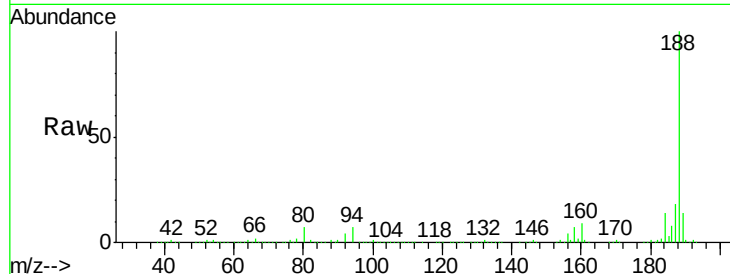




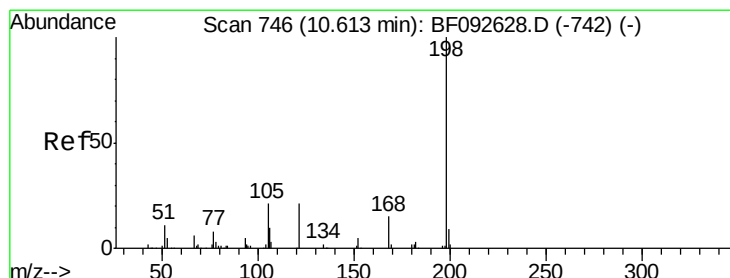
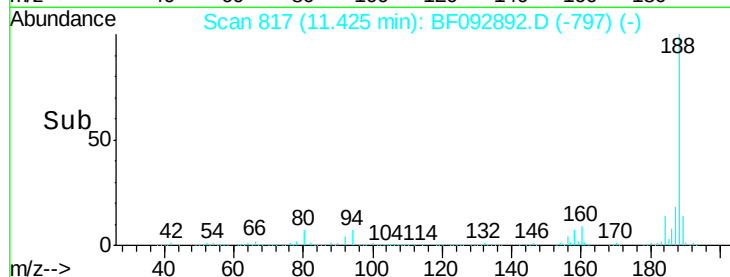
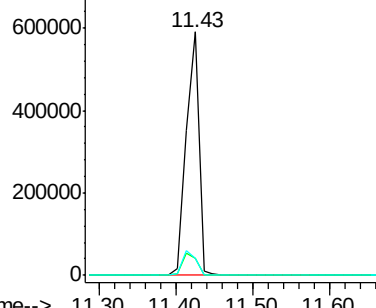
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Instrument :
BNA_F
ClientSampleId :
38-SB-02-5-7

Tgt Ion:188 Resp: 673600
Ion Ratio Lower Upper
188 100
94 7.1 10.0 15.0#
80 7.1 11.2 16.8#

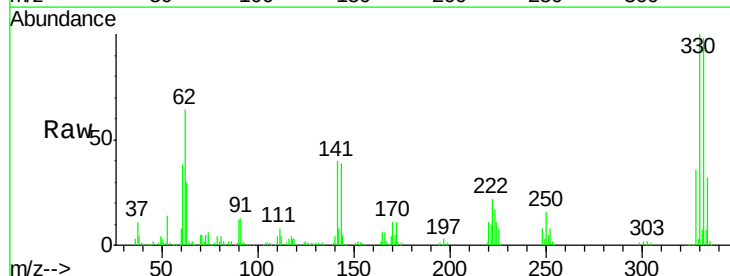


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

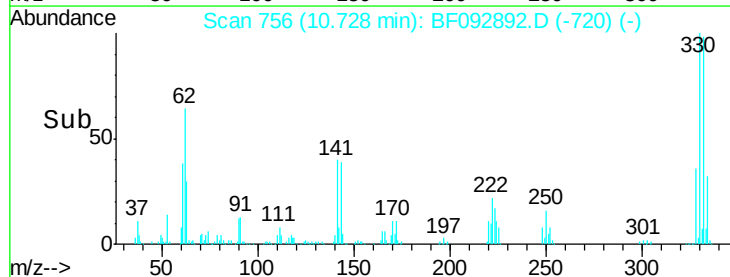
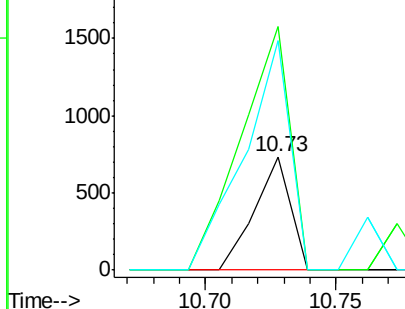


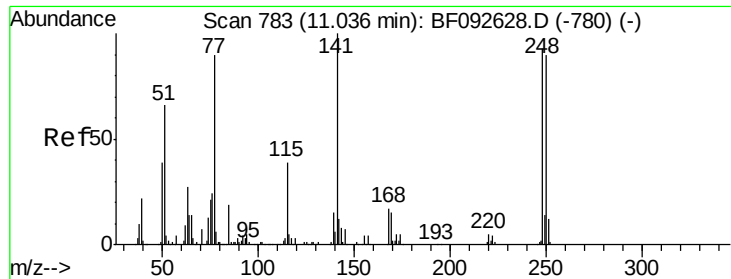
#64
4,6-Dinitro-2-methylphenol
Concen: 2.83 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.11 min
Lab File: BF092892.D
Acq: 10 Feb 2017 19:28

Tgt Ion:198 Resp: 712
Ion Ratio Lower Upper
198 100
51 215.1 6.7 46.7#
105 202.9 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

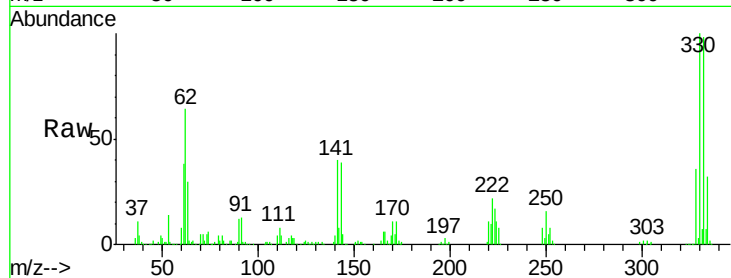




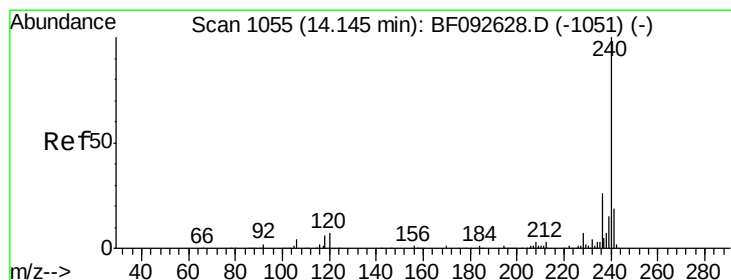
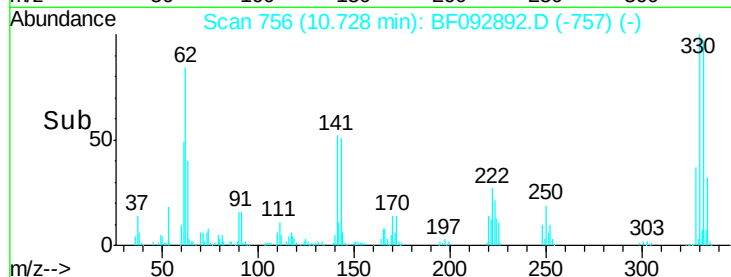
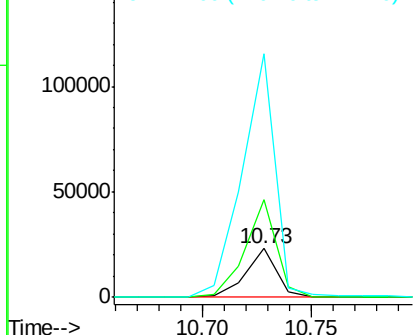
#66
 4-Bromophenyl-phenylether
 Concen: 3.25 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.31 min
 Lab File: BF092892.D
 Acq: 10 Feb 2017 19:28

Instrument :
 BNA_F
 ClientSampleId :
 38-SB-02-5-7

Tgt Ion:248 Resp: 22840
 Ion Ratio Lower Upper
 248 100
 250 199.8 76.9 115.3#
 141 499.2 68.2 102.4#

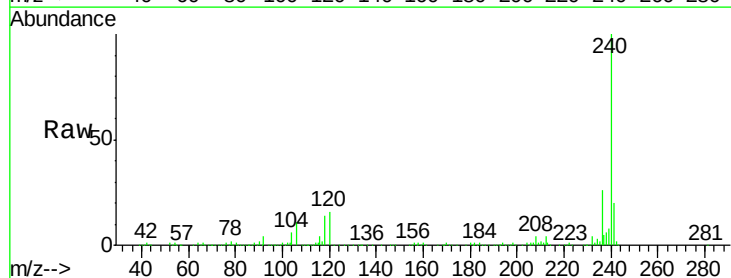


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

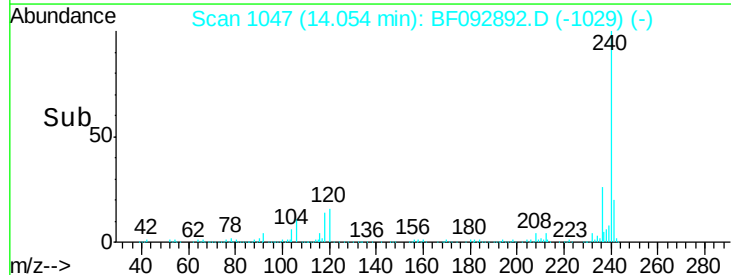
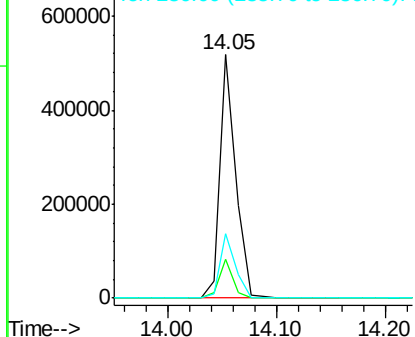


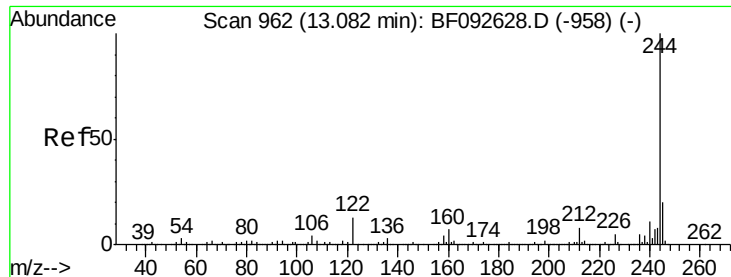
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.09 min
 Lab File: BF092892.D
 Acq: 10 Feb 2017 19:28

Tgt Ion:240 Resp: 526033
 Ion Ratio Lower Upper
 240 100
 120 15.9 12.9 19.3
 236 26.3 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: 65.55 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092892.D

Acq: 10 Feb 2017 19:28

Instrument :

BNA_F

ClientSampleId :

38-SB-02-5-7

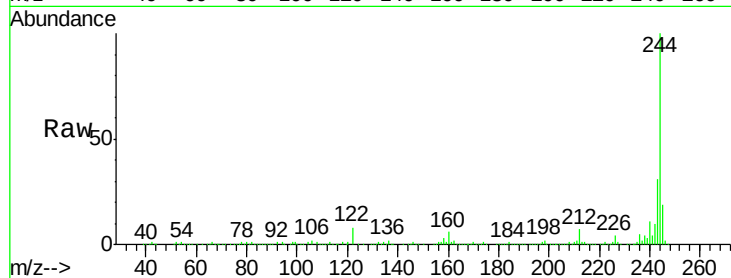
Tgt Ion:244 Resp: 1467528

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

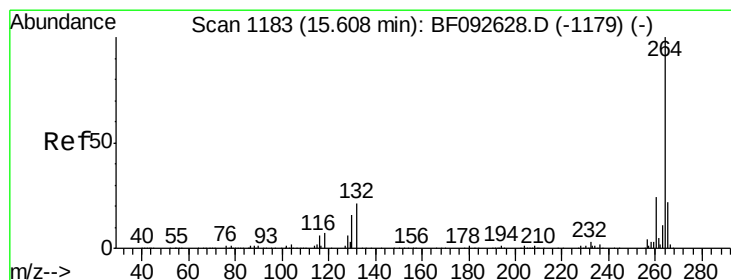
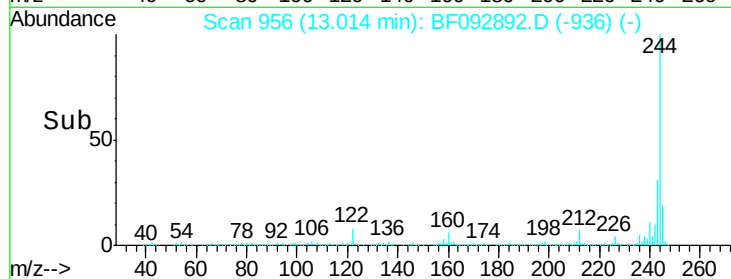
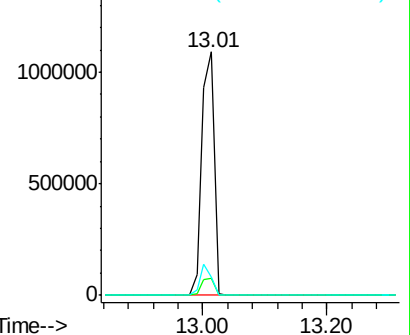
122 7.6 11.4 17.2#



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: 15.51 min Scan# 1174

Delta R.T. -0.10 min

Lab File: BF092892.D

Acq: 10 Feb 2017 19:28

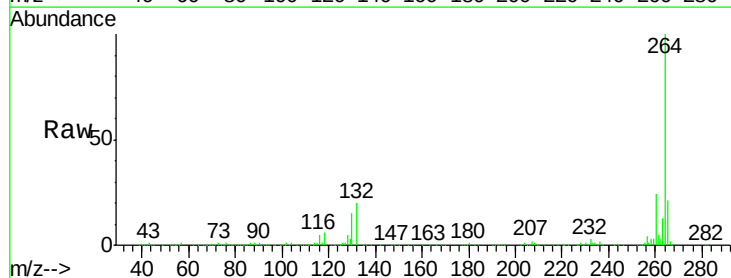
Tgt Ion:264 Resp: 435051

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 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

