

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092620.D
 Acq On : 28 Jan 2017 12:01
 Operator : SJ/MA
 Sample : I1528-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Quant Time: Jan 29 23:48:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

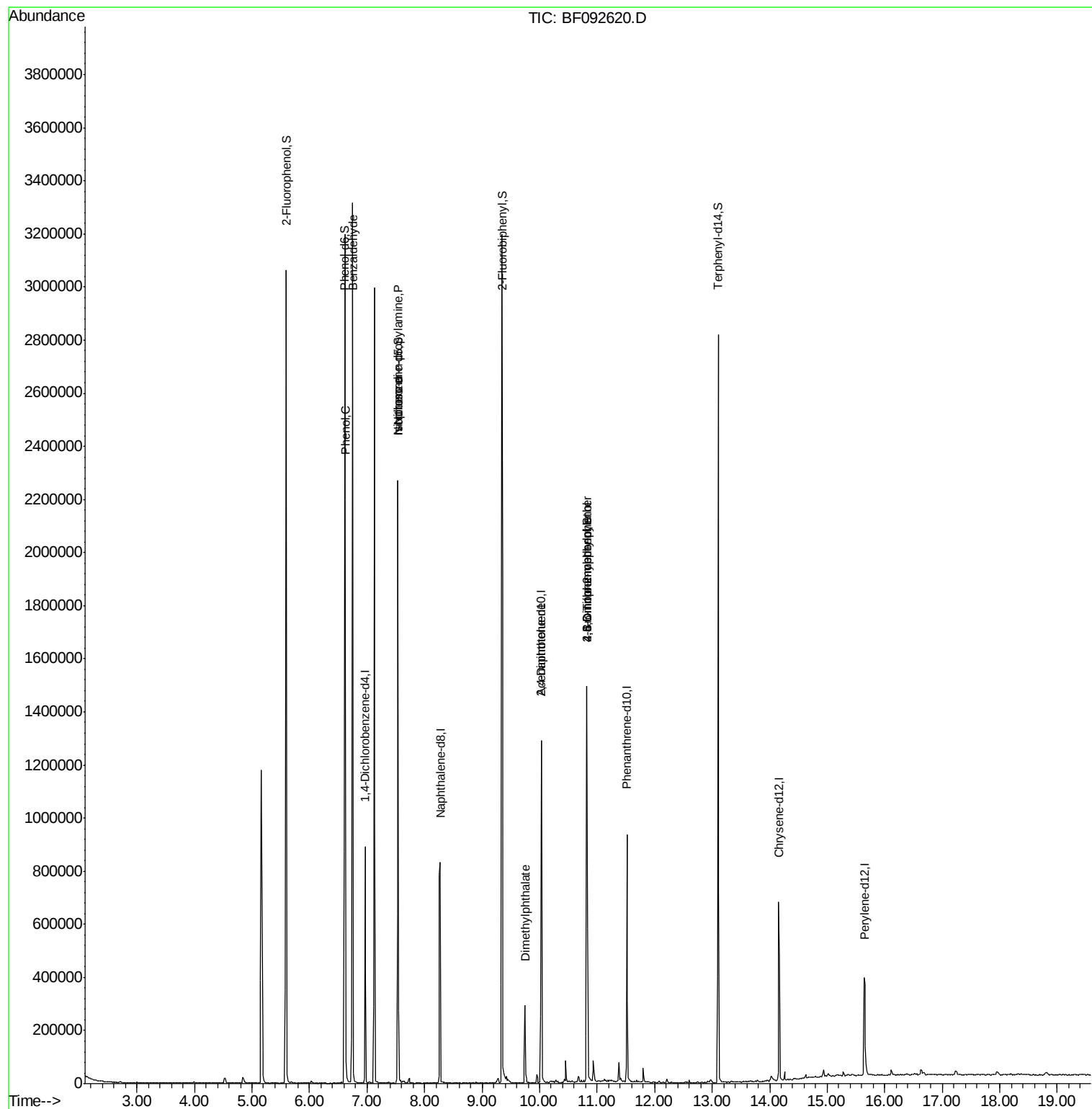
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151718	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	575780	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	276004	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	360108	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	310136	20.00	ng	-0.01
86) Perylene-d12	15.65	264	223605	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1220872	125.20	ng	0.05
7) Phenol-d6	6.61	99	1446089	116.42	ng	0.02
23) Nitrobenzene-d5	7.54	82	744934	70.67	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	190660	101.37	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1378503	92.36	ng	-0.01
78) Terphenyl-d14	13.11	244	896811	77.00	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.75	77	26049	2.96	ng	82
10) Phenol	6.62	94	49509	3.30	ng	# 63
19) n-Nitroso-di-n-propylamine	7.54	70	96972	11.46	ng	# 83
25) Isophorone	7.54	82	588297	28.32	ng	# 65
49) Dimethylphthalate	9.74	163	140577	8.01	ng	99
56) 2,4-Dinitrotoluene	10.03	165	36175	7.60	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	323	5.10	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	13343	3.67	ng	# 1

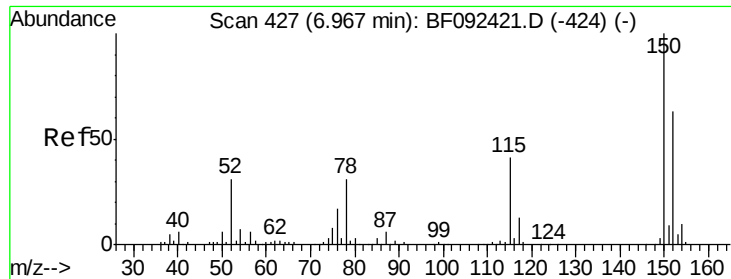
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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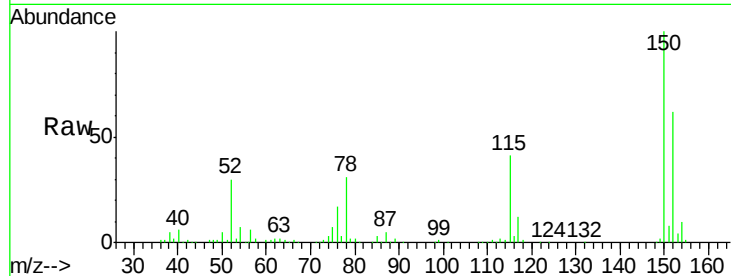




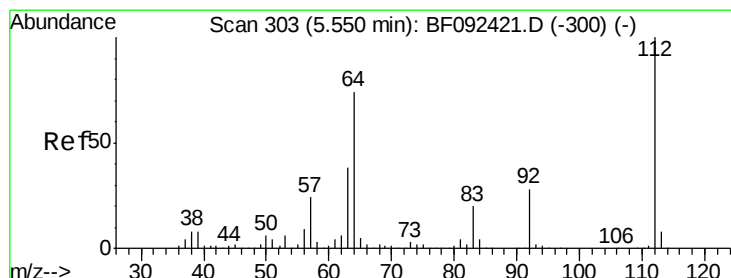
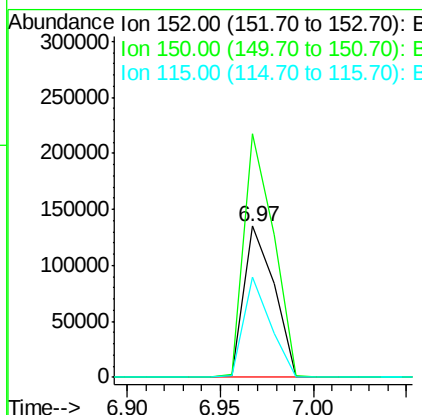
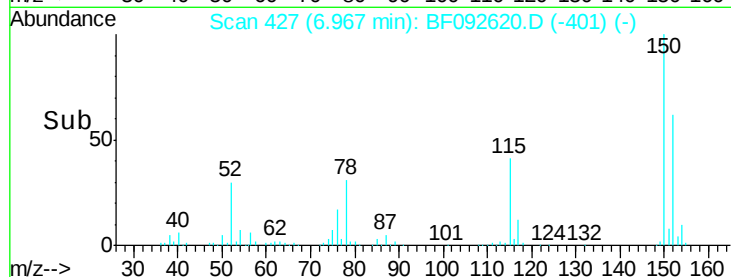
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF092620.D
 Acq: 28 Jan 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Tgt Ion:152 Resp: 151718
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.9 187.3
 115 66.6 46.0 69.0

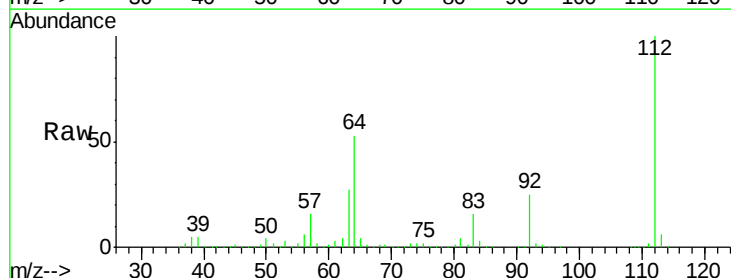


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

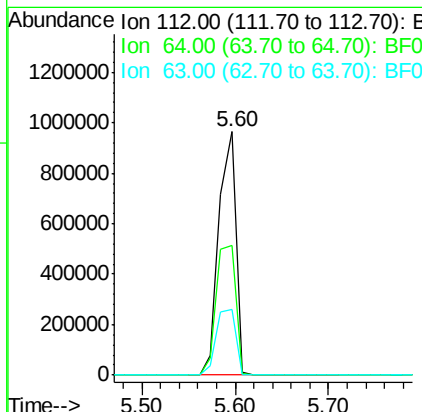
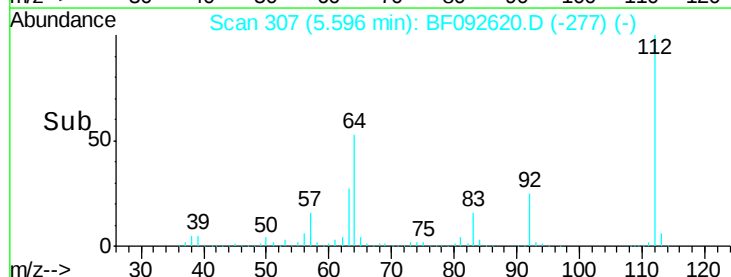


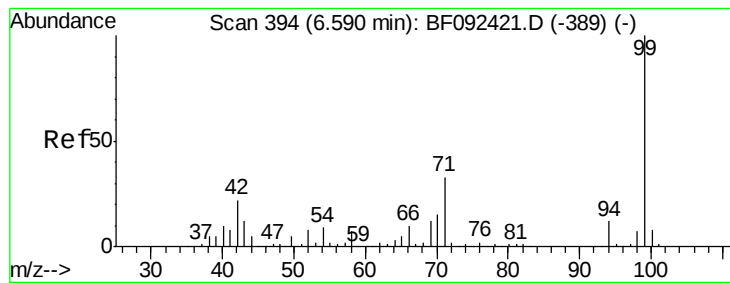
#5
 2-Fluorophenol
 Concen: 125.20 ng
 RT: 5.60 min Scan# 307
 Delta R.T. 0.05 min
 Lab File: BF092620.D
 Acq: 28 Jan 2017 12:01

Tgt Ion:112 Resp: 1220872
 Ion Ratio Lower Upper
 112 100
 64 53.2 46.1 69.1
 63 27.1 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: 116.42 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

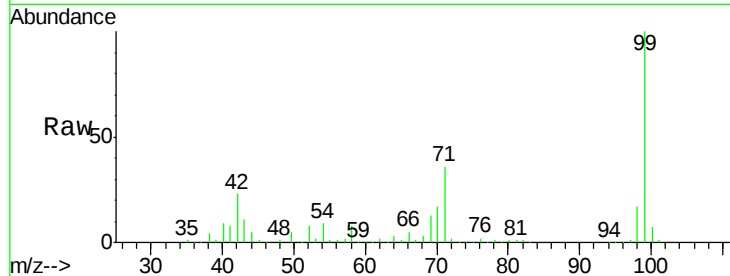
Tgt Ion: 99 Resp: 1446089

Ion Ratio Lower Upper

99 100

42 22.6 15.6 23.4

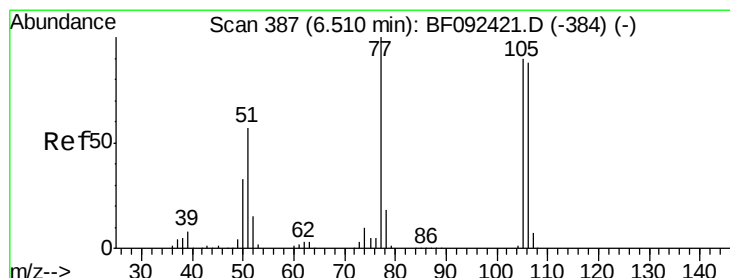
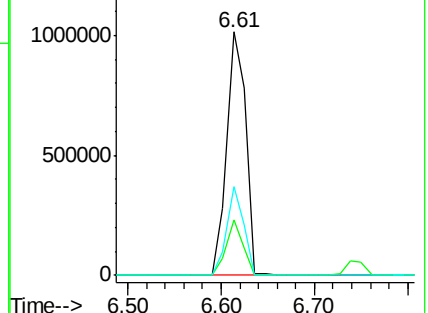
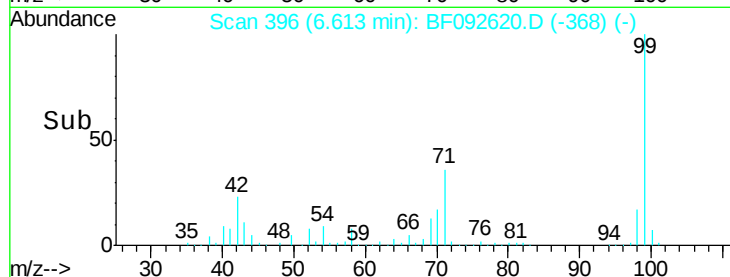
71 36.4 27.5 41.3



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: 2.96 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.24 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

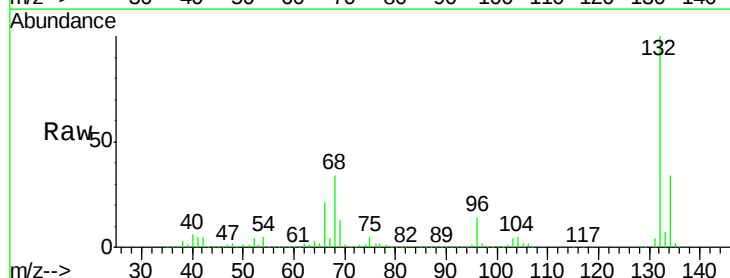
Tgt Ion: 77 Resp: 26049

Ion Ratio Lower Upper

77 100

105 84.0 83.9 123.9

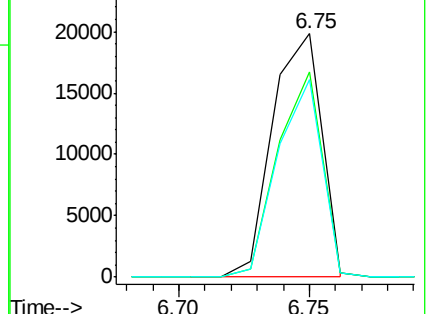
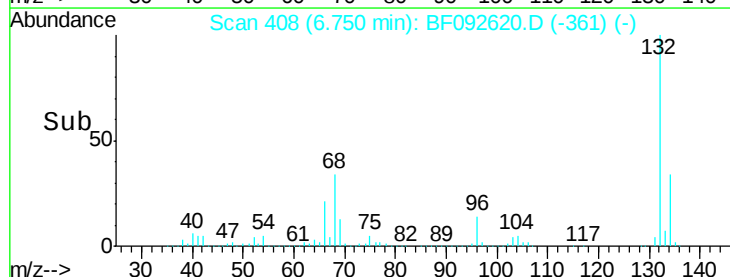
106 80.9 77.6 117.6

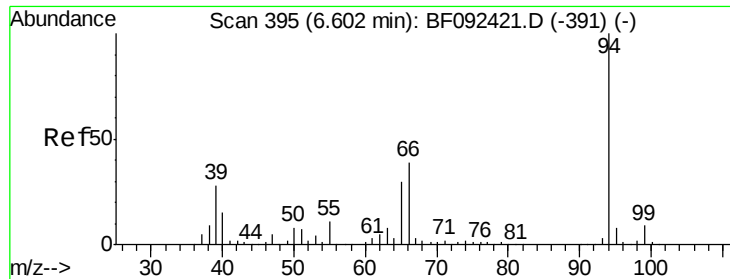


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.30 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.02 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

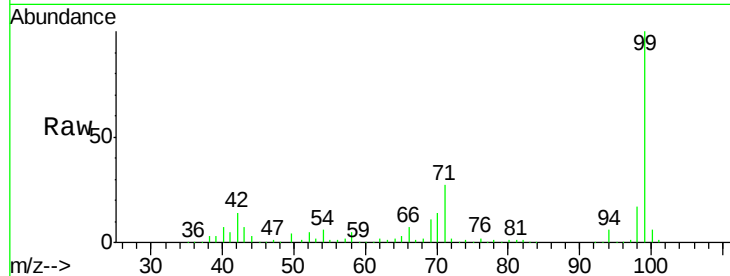
Tgt Ion: 94 Resp: 49509

Ion Ratio Lower Upper

94 100

65 45.8 21.4 61.4

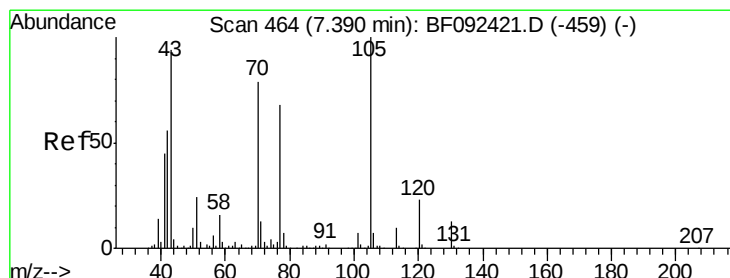
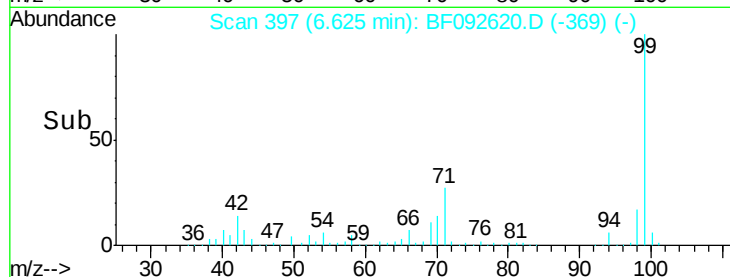
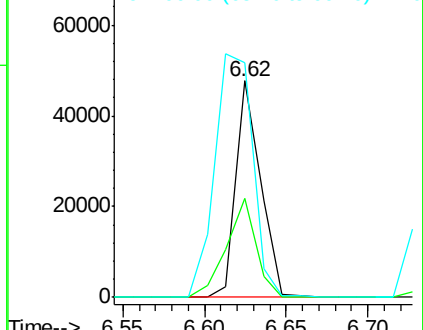
66 108.8 44.0 84.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.46 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

Tgt Ion: 70 Resp: 96972

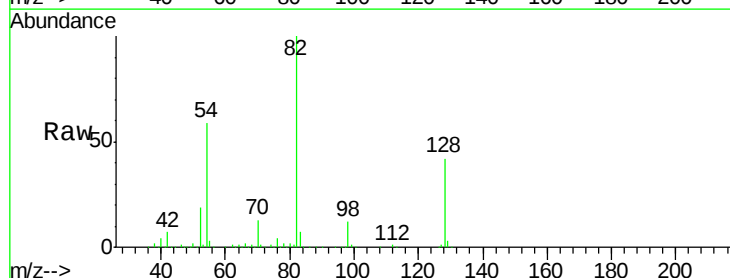
Ion Ratio Lower Upper

70 100

42 54.3 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

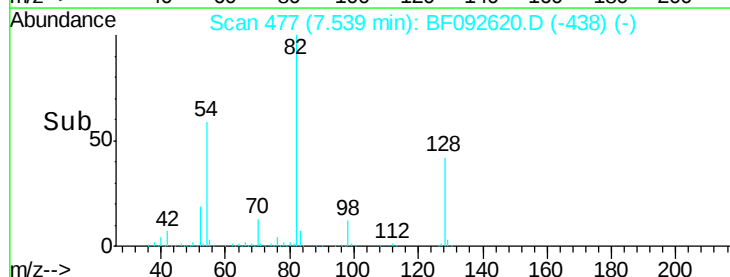
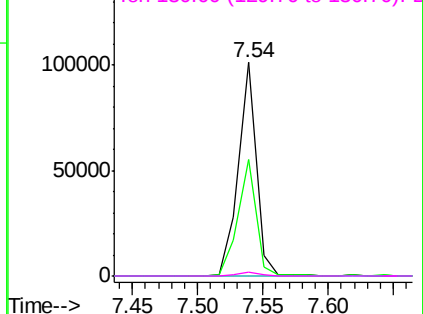


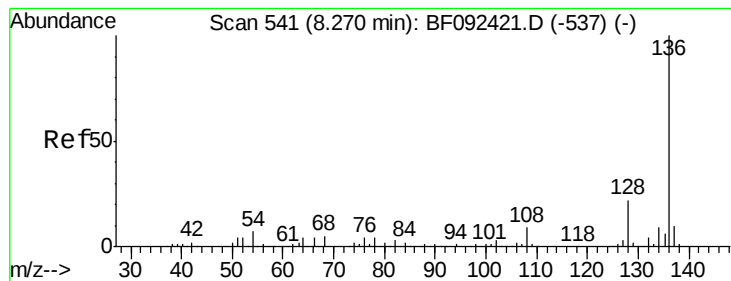
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

Tgt Ion: 136 Resp: 575780

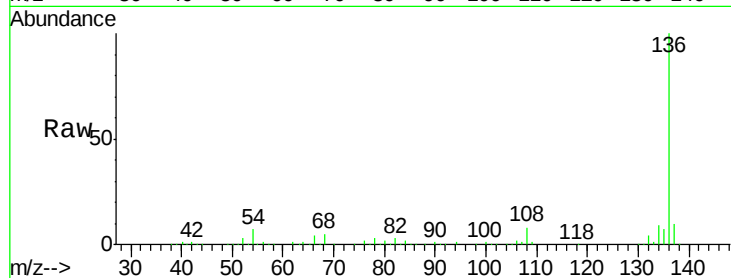
Ion Ratio Lower Upper

136 100

137 10.0 8.4 12.6

54 6.6 4.5 6.7

68 4.7 3.6 5.4

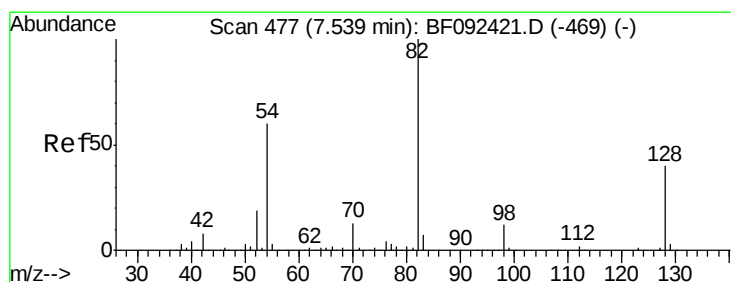
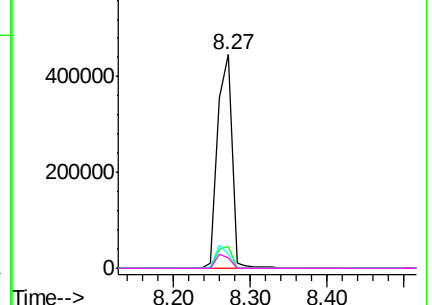
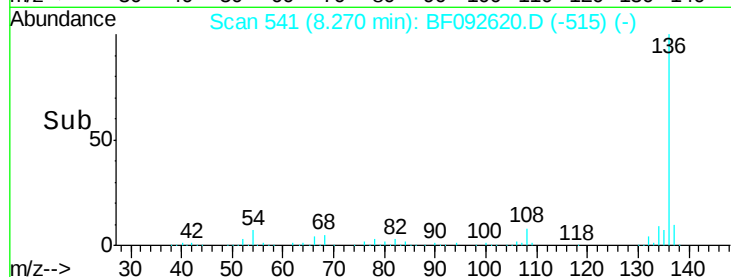


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.67 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

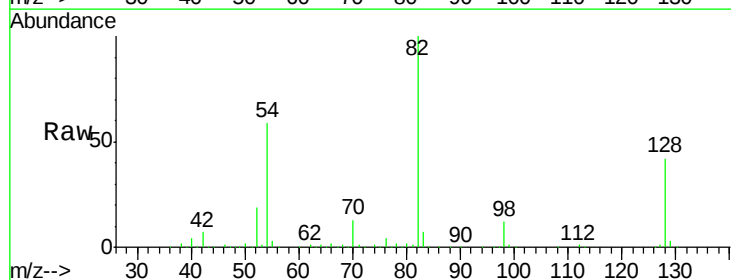
Tgt Ion: 82 Resp: 744934

Ion Ratio Lower Upper

82 100

128 41.8 34.6 52.0

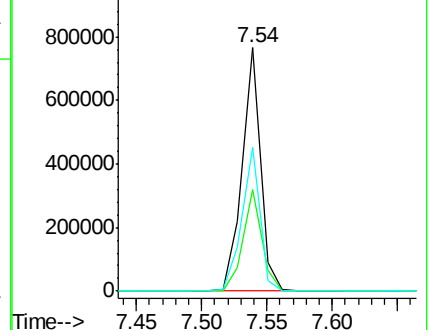
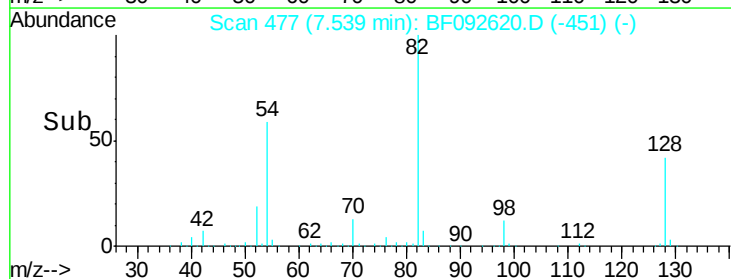
54 58.8 39.5 59.3

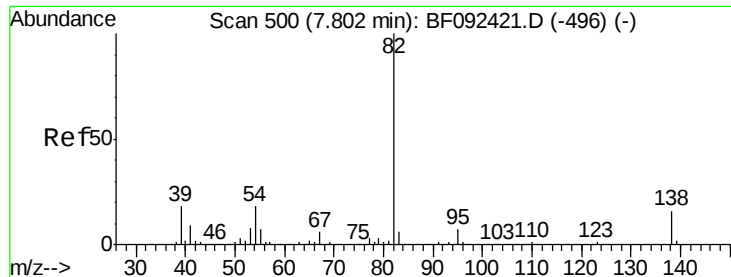


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.32 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

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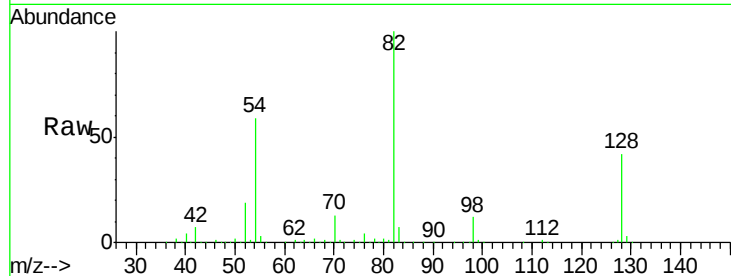
Tgt Ion: 82 Resp: 588297

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

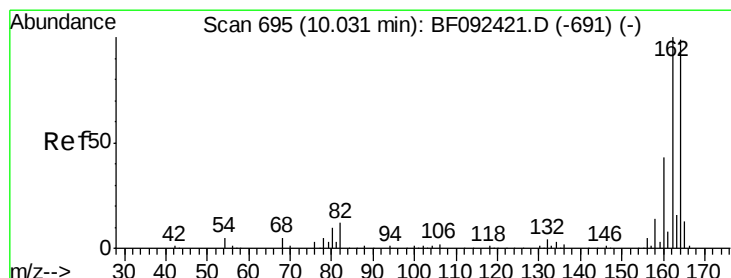
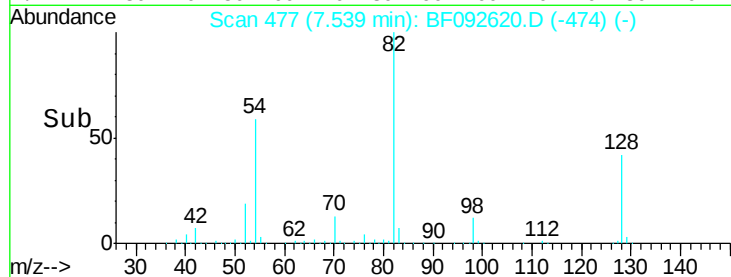
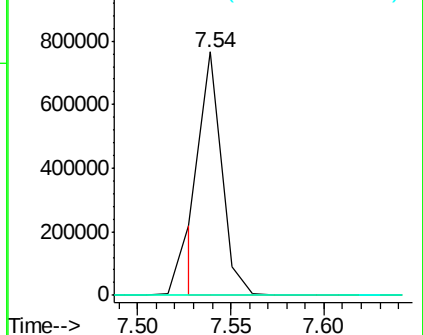
138 0.0 14.6 22.0#



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: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

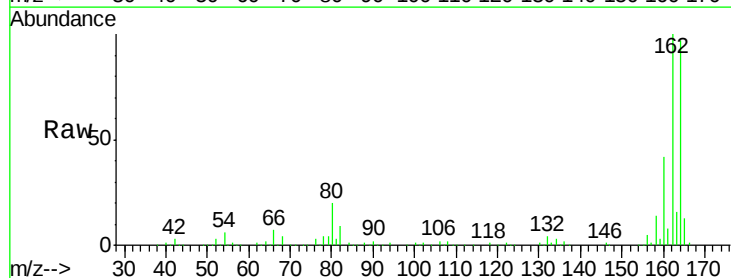
Tgt Ion: 164 Resp: 276004

Ion Ratio Lower Upper

164 100

162 103.3 80.2 120.2

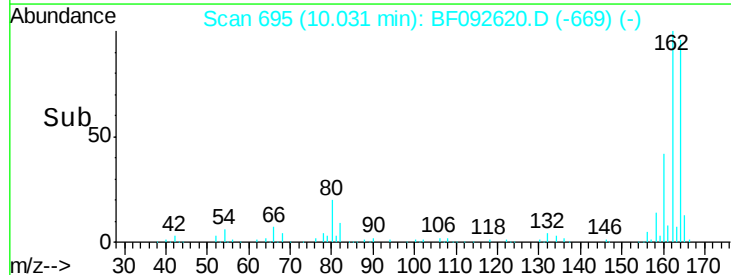
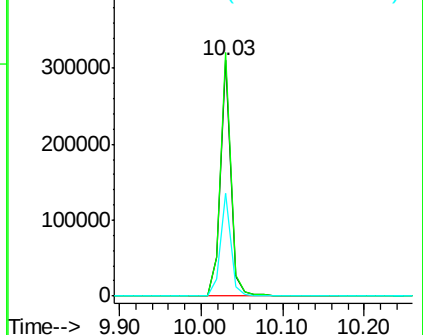
160 43.8 36.9 55.3

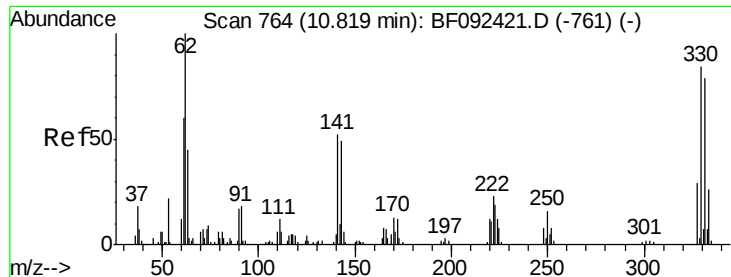


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

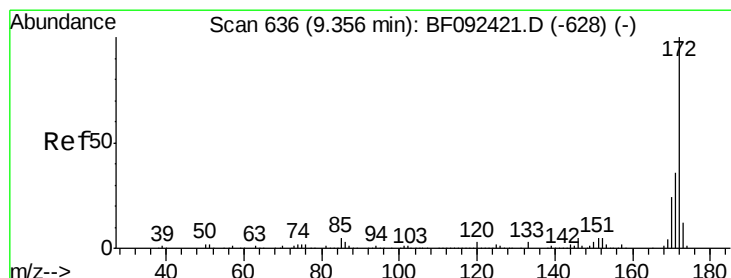
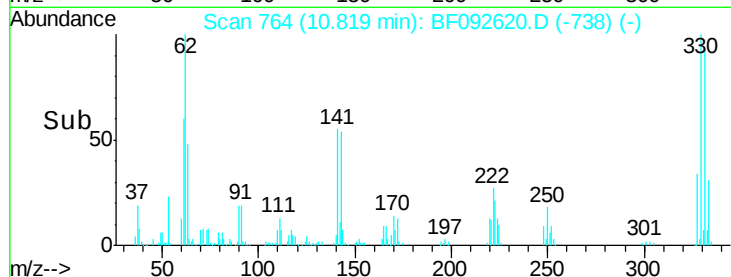
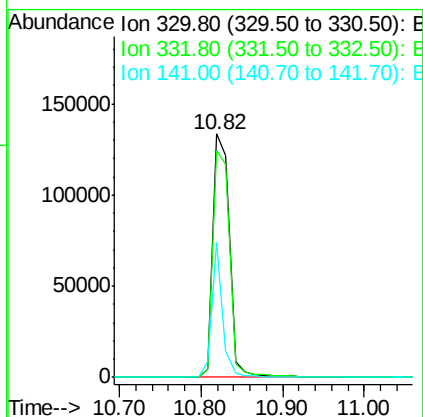
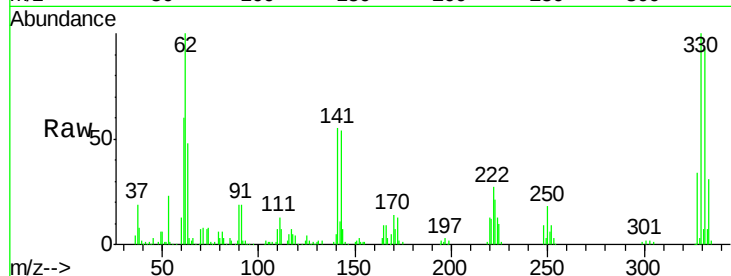




#41
 2,4,6-Tribromophenol
 Concen: 101.37 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092620.D
 Acq: 28 Jan 2017 12:01

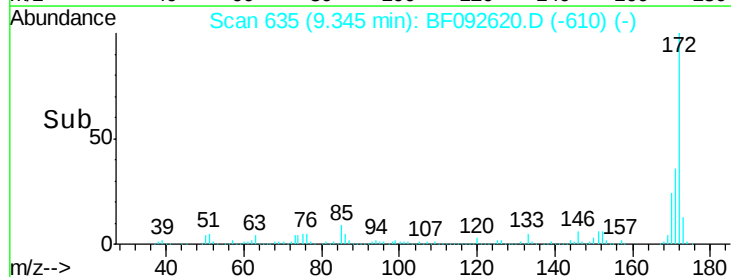
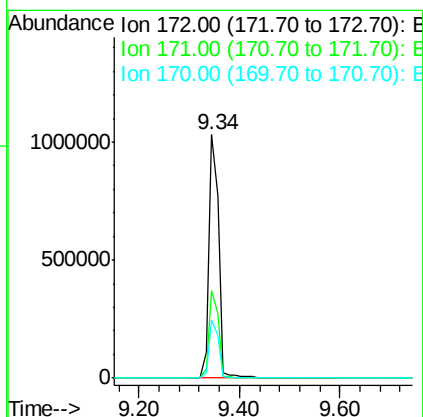
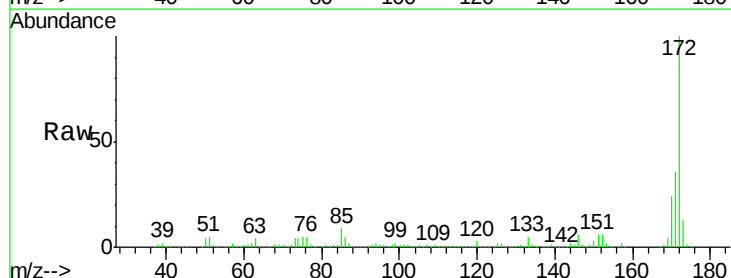
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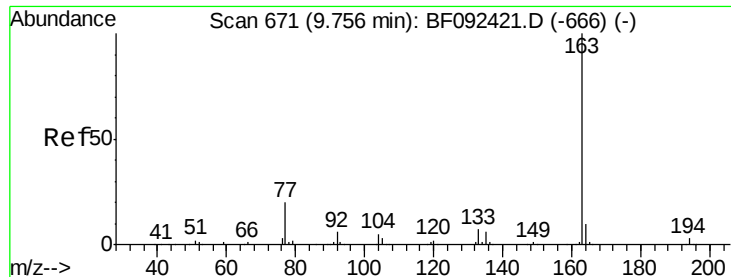
Tgt Ion:330 Resp: 190660
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.4 116.2
 141 36.5 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 92.36 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092620.D
 Acq: 28 Jan 2017 12:01

Tgt Ion:172 Resp: 1378503
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.8 20.2 30.4

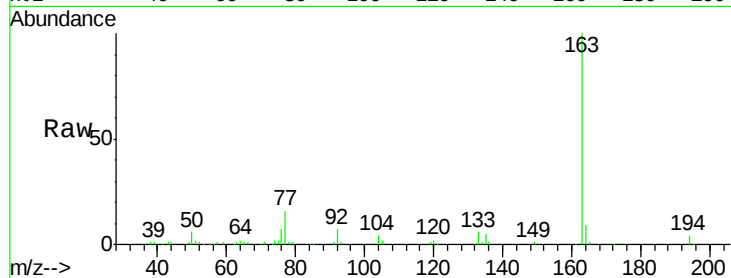




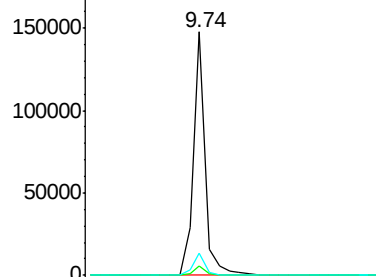
#49
Dimethylphthalate
Concen: 8.01 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092620.D
Acq: 28 Jan 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

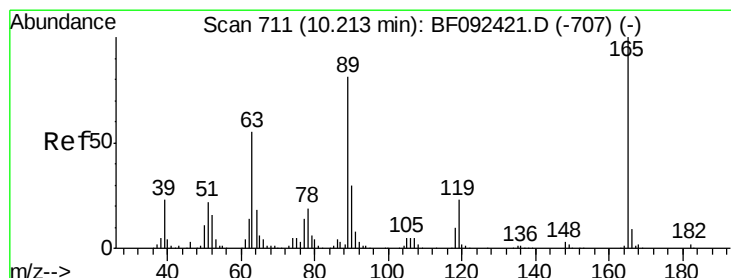
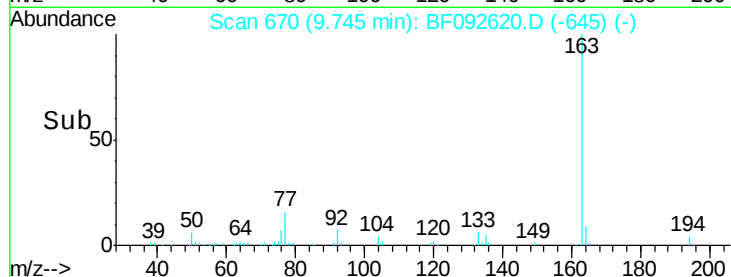
Tgt Ion:163 Resp: 140577
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

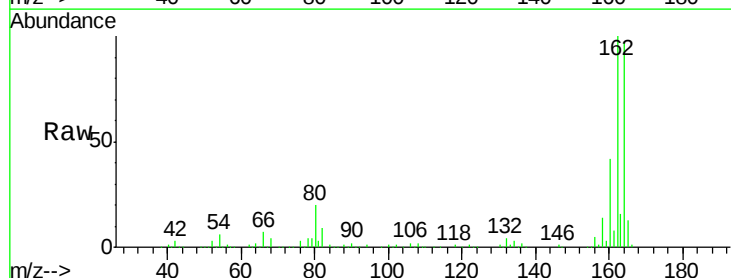


Time-->

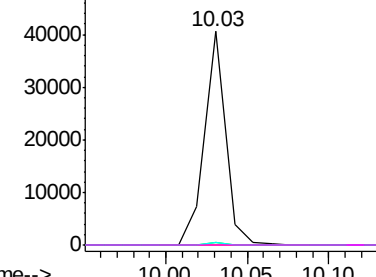


#56
2,4-Dinitrotoluene
Concen: 7.60 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092620.D
Acq: 28 Jan 2017 12:01

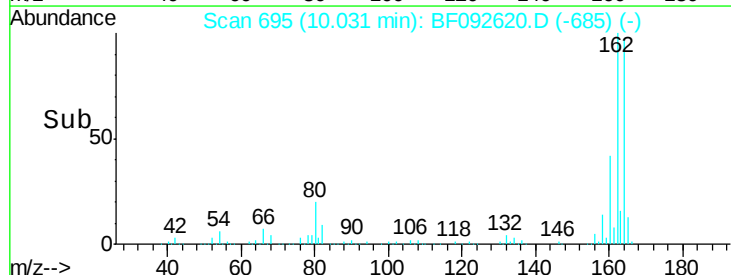
Tgt Ion:165 Resp: 36175
Ion Ratio Lower Upper
165 100
63 1.0 40.2 60.4#
89 1.0 62.5 93.7#
182 0.0 1.8 2.8#

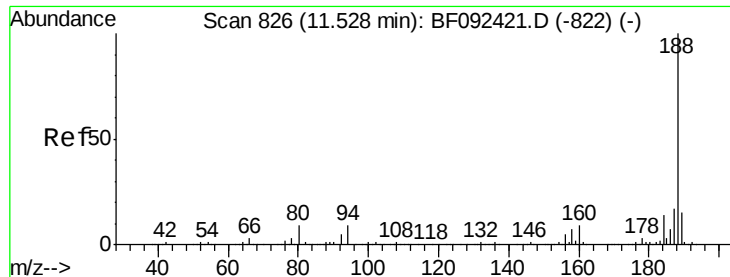


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E



Time-->

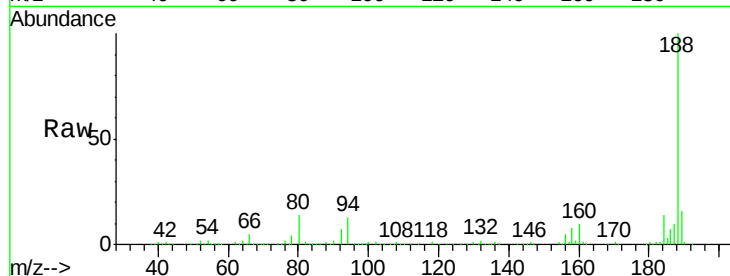




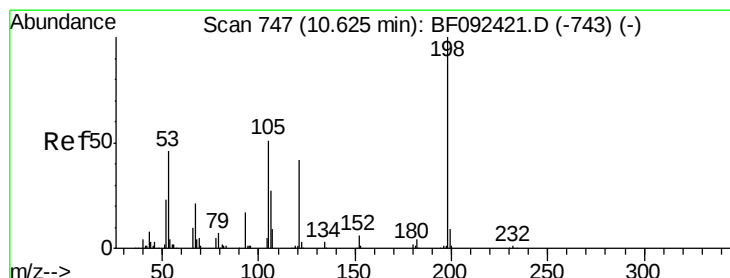
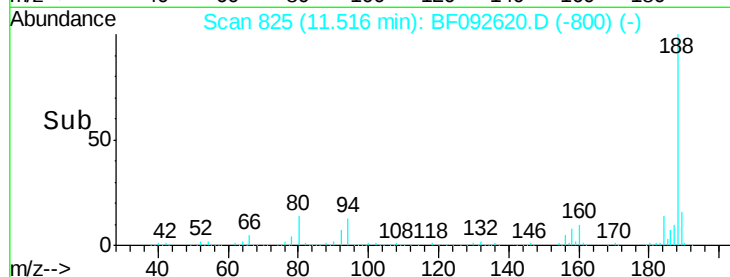
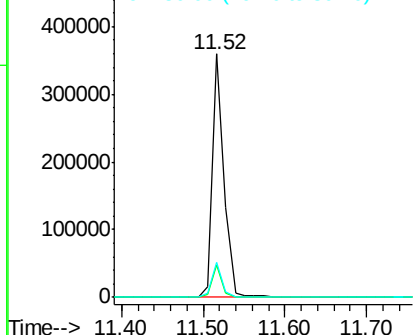
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092620.D
 Acq: 28 Jan 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Tgt Ion:188 Resp: 360108
 Ion Ratio Lower Upper
 188 100
 94 13.2 10.0 15.0
 80 14.4 11.2 16.8

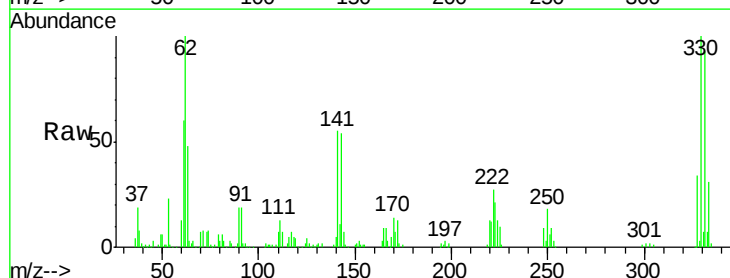


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

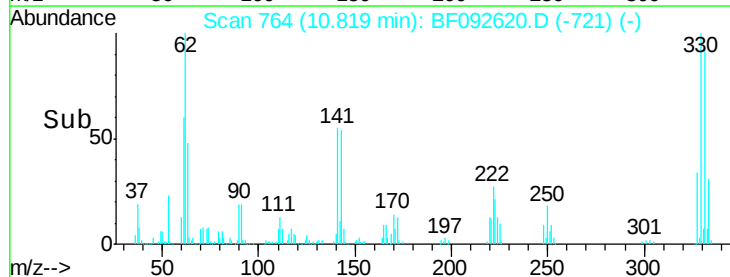
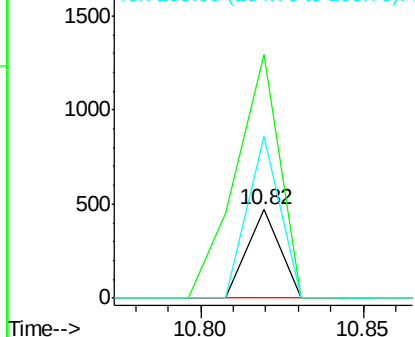


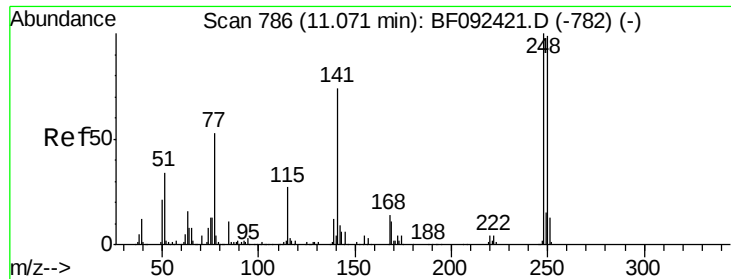
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.10 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092620.D
 Acq: 28 Jan 2017 12:01

Tgt Ion:198 Resp: 323
 Ion Ratio Lower Upper
 198 100
 51 274.9 6.7 46.7#
 105 182.4 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

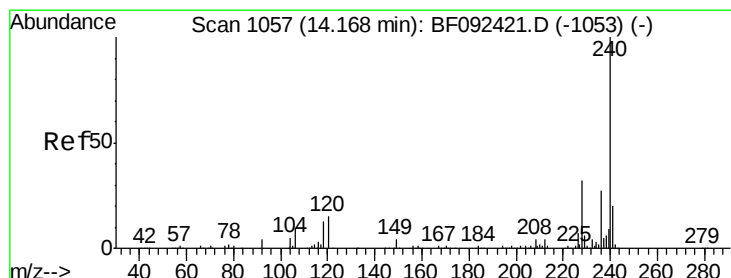
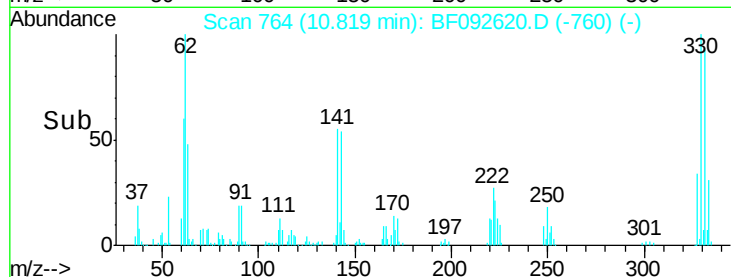
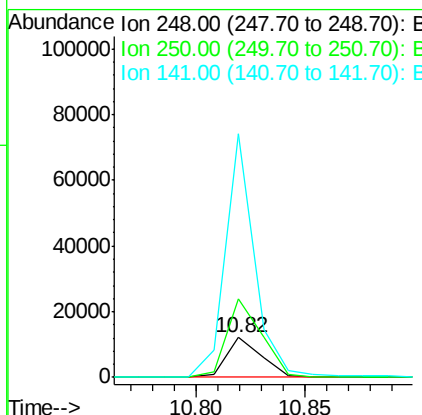
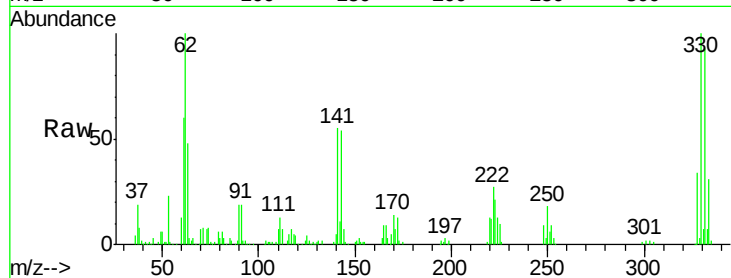




#66
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092620.D
Acq: 28 Jan 2017 12:01

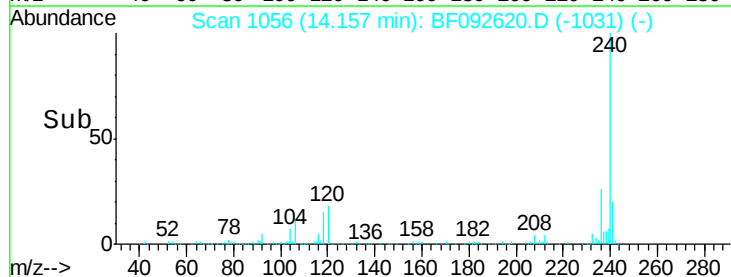
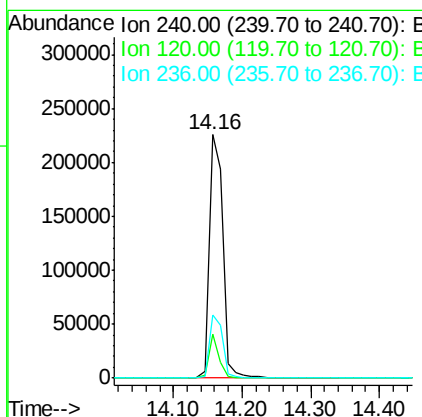
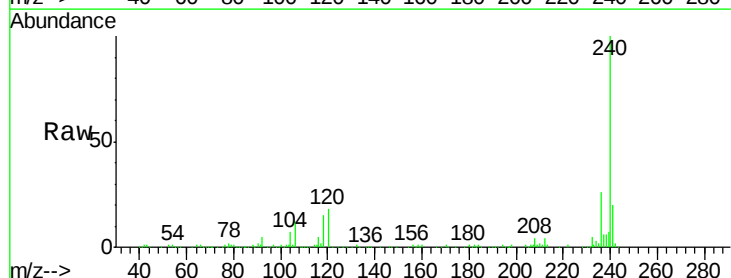
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

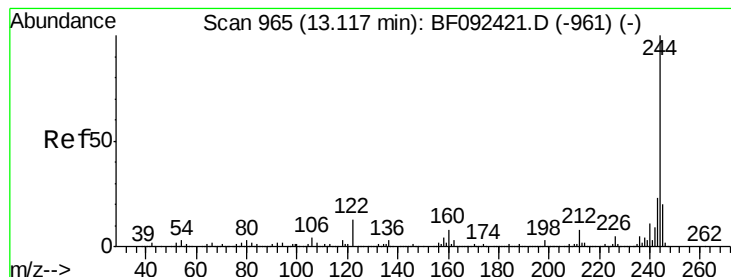
Tgt Ion:248 Resp: 13343
Ion Ratio Lower Upper
248 100
250 198.6 76.9 115.3#
141 611.6 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092620.D
Acq: 28 Jan 2017 12:01

Tgt Ion:240 Resp: 310136
Ion Ratio Lower Upper
240 100
120 18.1 12.9 19.3
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 77.00 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

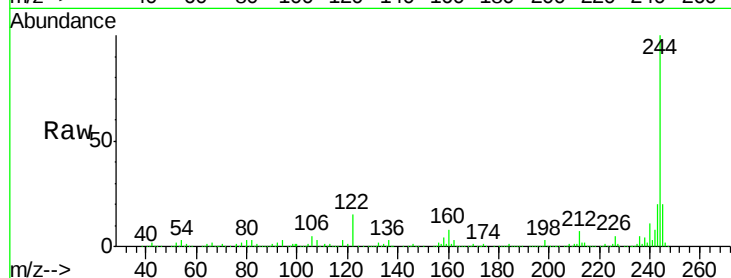
Tgt Ion:244 Resp: 896811

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

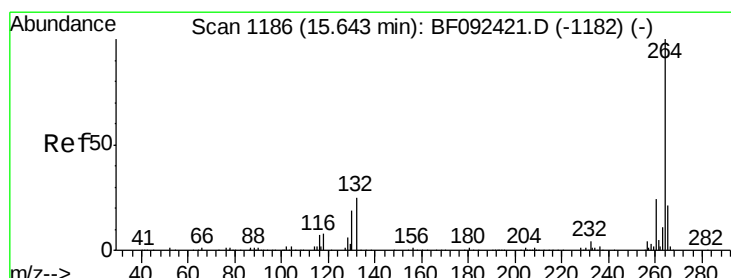
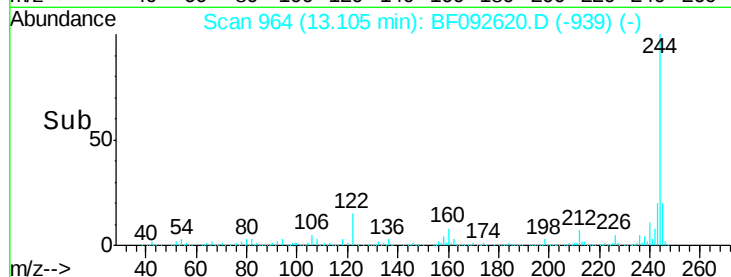
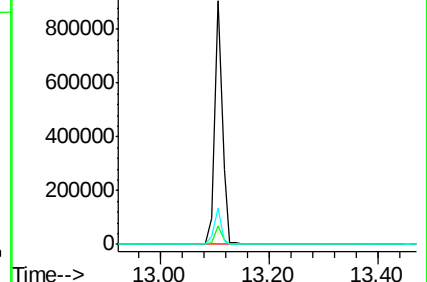
122 14.8 11.4 17.2



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: 15.65 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF092620.D

Acq: 28 Jan 2017 12:01

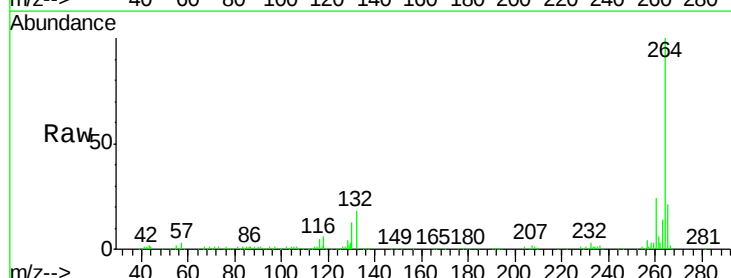
Tgt Ion:264 Resp: 223605

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

