

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102816\
 Data File : BF090913.D
 Acq On : 28 Oct 2016 17:32
 Operator : UM/SJ
 Sample : H5452-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 28 18:51:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

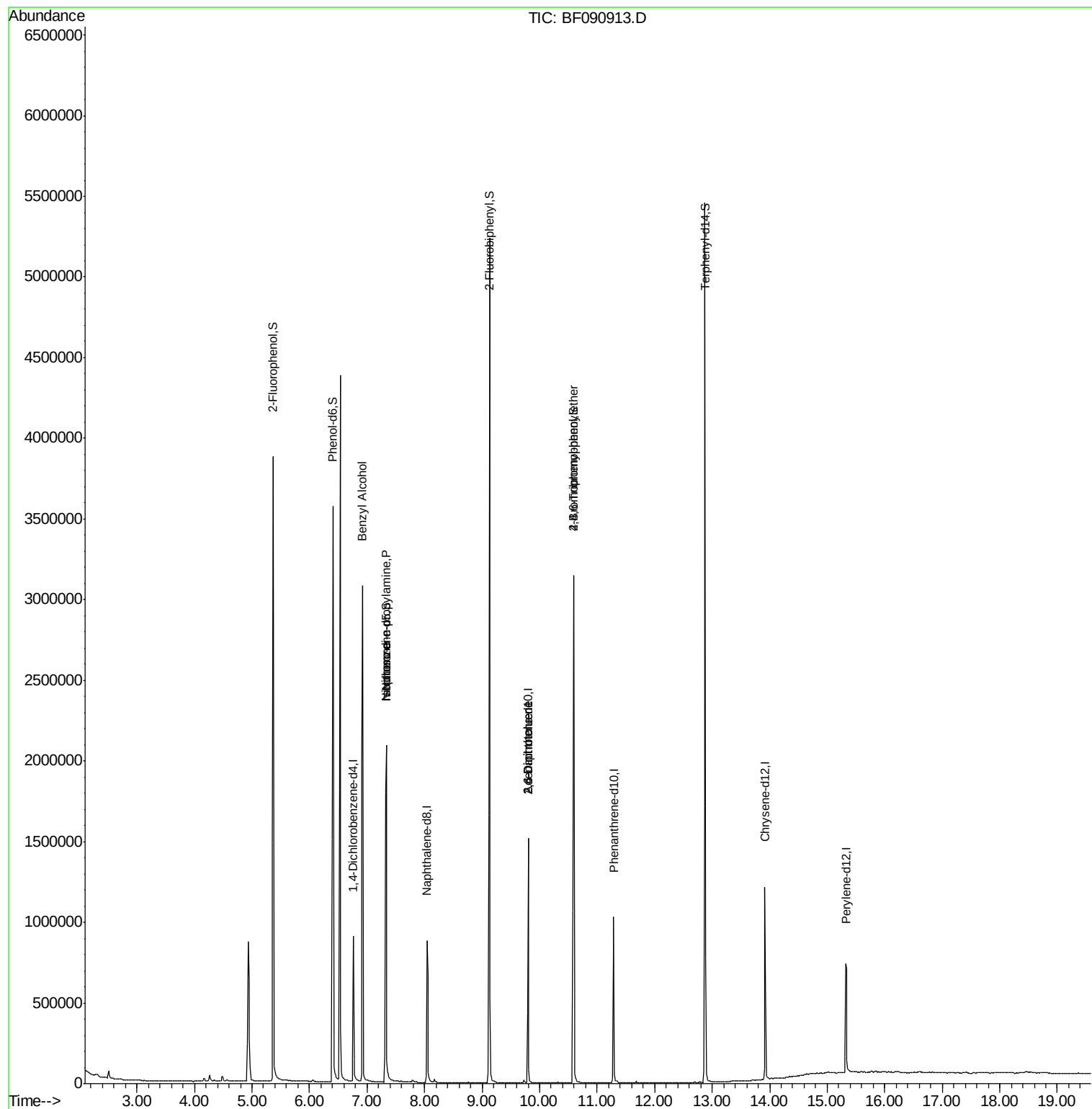
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146102	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	574888	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	321874	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	524084	20.00	ng	0.00
75) Chrysene-d12	13.92	240	450090	20.00	ng	-0.01
86) Perylene-d12	15.33	264	356795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1184510	141.75	ng	0.01
7) Phenol-d6	6.41	99	1458401	129.36	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1121731	127.73	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	432365	130.71	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1736126	94.71	ng	-0.01
78) Terphenyl-d14	12.88	244	1852366	103.69	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	17928	2.42	ng	# 26
19) n-Nitroso-di-n-propylamine	7.33	70	152224	23.35	ng	# 48
25) Isophorone	7.33	82	1050797	58.96	ng	# 59
50) 2,6-Dinitrotoluene	9.80	165	41971	8.84	ng	# 38
56) 2,4-Dinitrotoluene	9.80	165	41973	7.11	ng	# 33
66) 4-Bromophenyl-phenylether	10.59	248	29557	5.15	ng	# 1

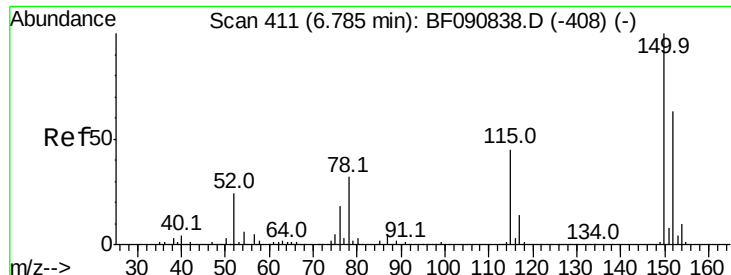
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

Instrument :

BNA_F

ClientSampled :

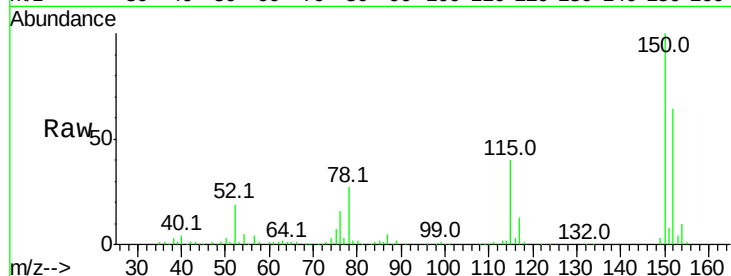
Tot Ion:152 Resp: 146102

Ion Ratio Lower Upper

152 100

150 155.4 124.7 187.1

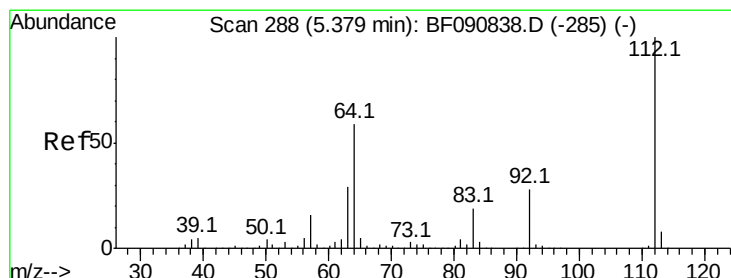
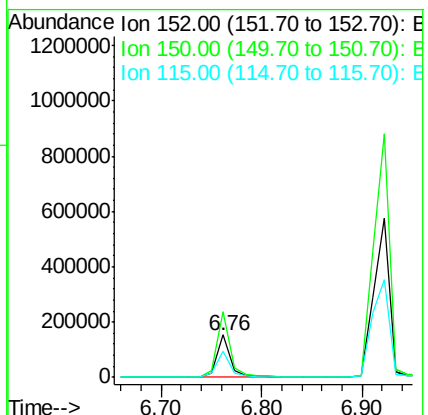
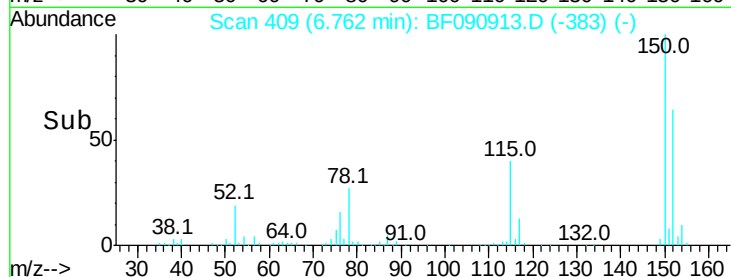
115 62.6 39.0 58.4#



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: 141.75 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

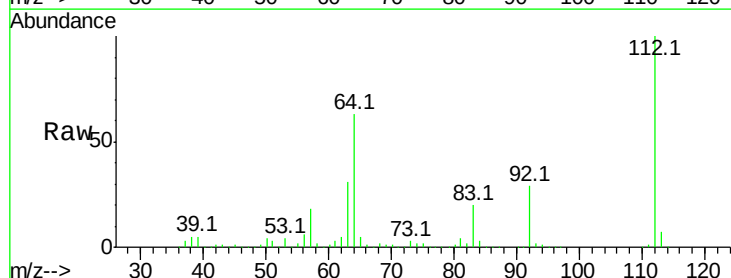
Tgt Ion:112 Resp: 1184510

Ion Ratio Lower Upper

112 100

64 62.8 39.7 59.5#

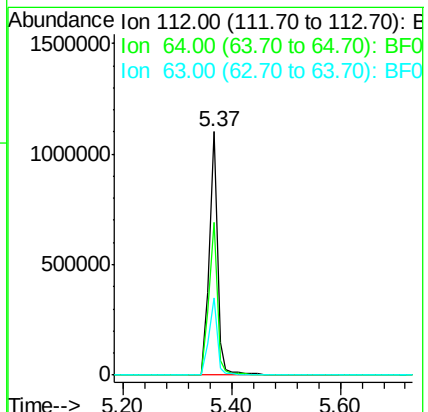
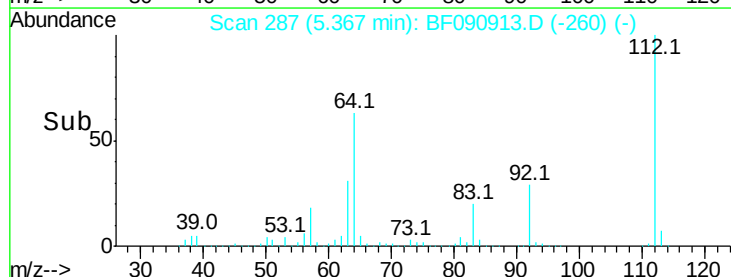
63 31.5 17.4 26.0#

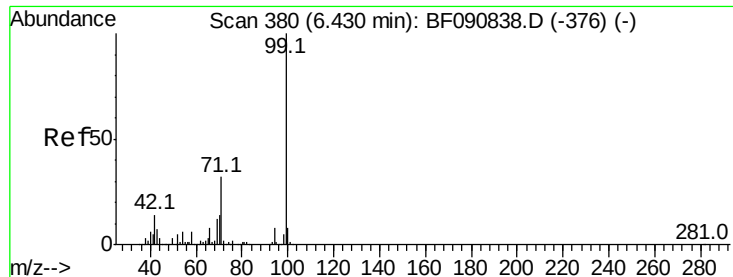


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.36 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

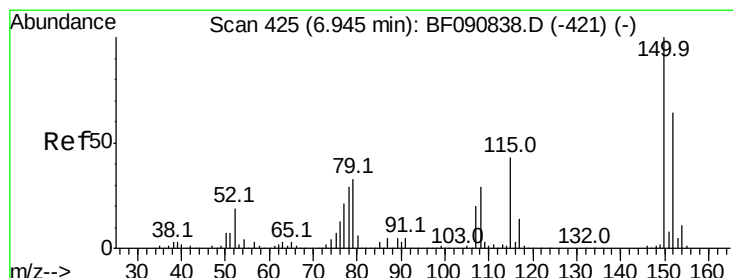
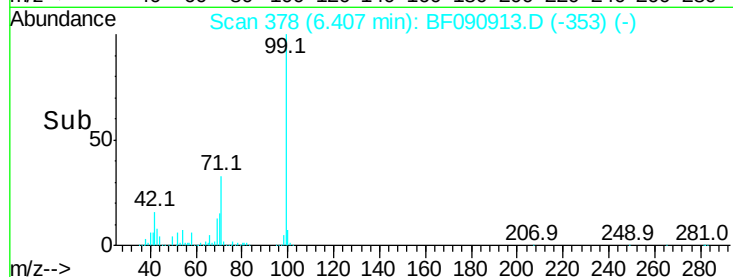
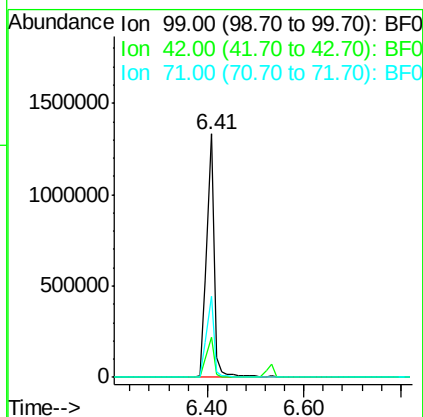
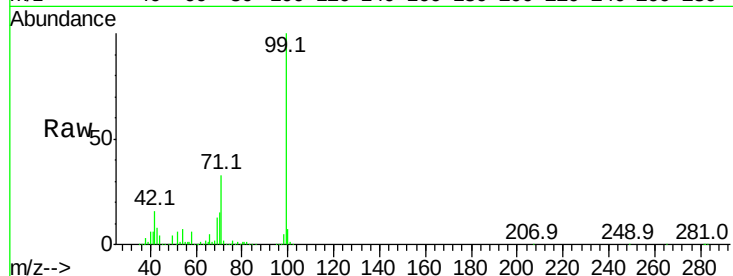
Tot Ion: 99 Resp: 1458401

Ion Ratio Lower Upper

99 100

42 16.2 13.7 20.5

71 33.4 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.42 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

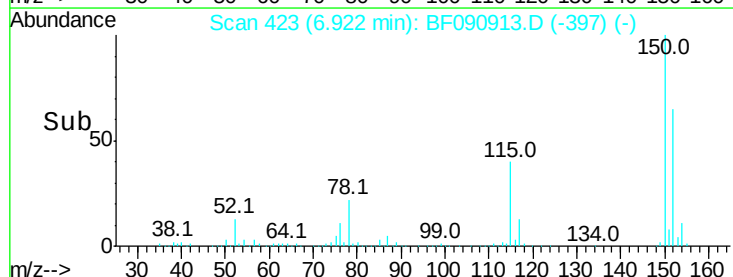
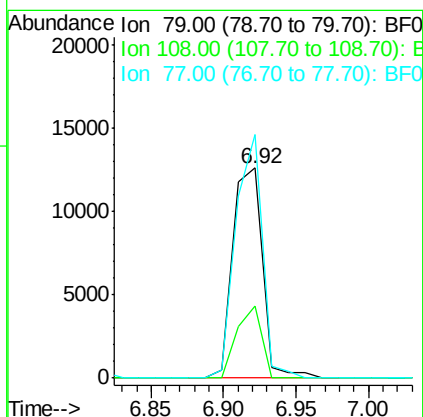
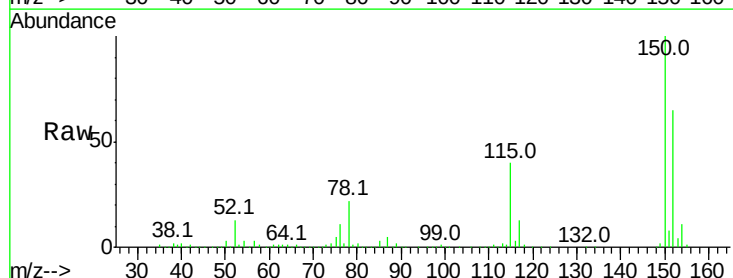
Tgt Ion: 79 Resp: 17928

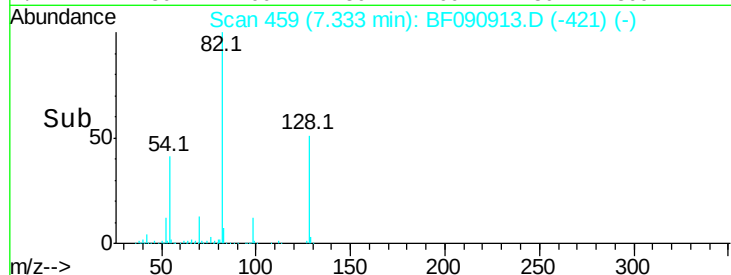
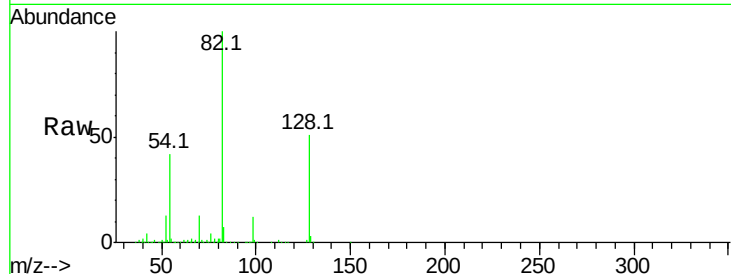
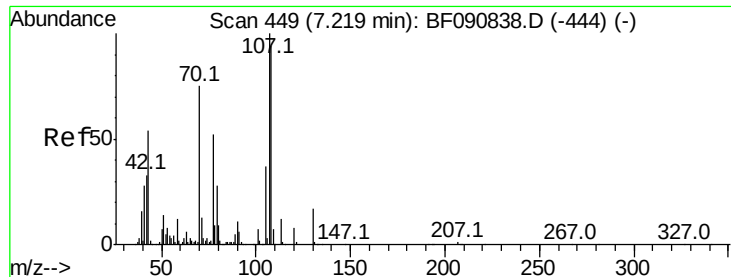
Ion Ratio Lower Upper

79 100

108 34.3 88.6 132.8#

77 116.1 47.0 70.4#

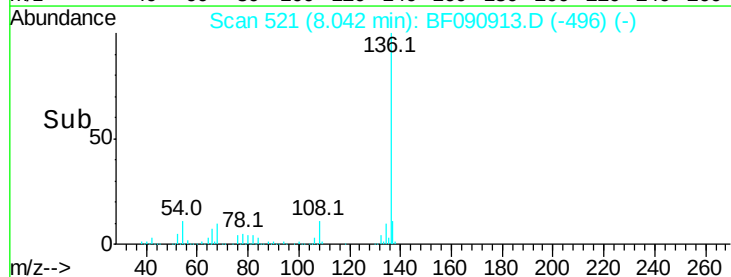
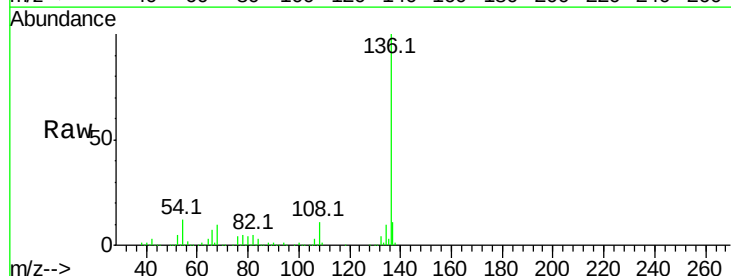
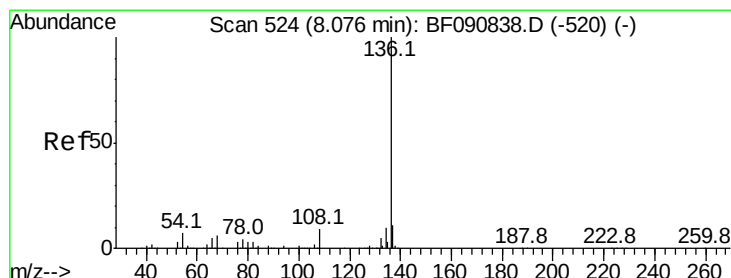
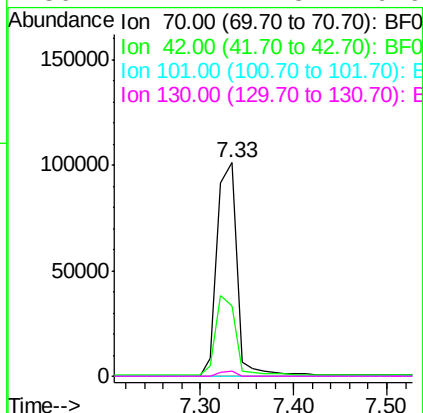




#19
n-Nitroso-di-n-propylamine
Concen: 23.35 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF090913.D
Acq: 28 Oct 2016 17:32

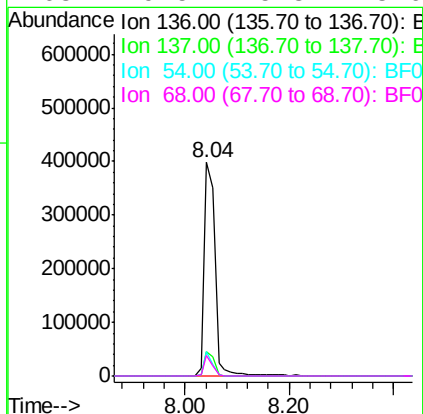
Instrument :
BNA_F
ClientSampleId :

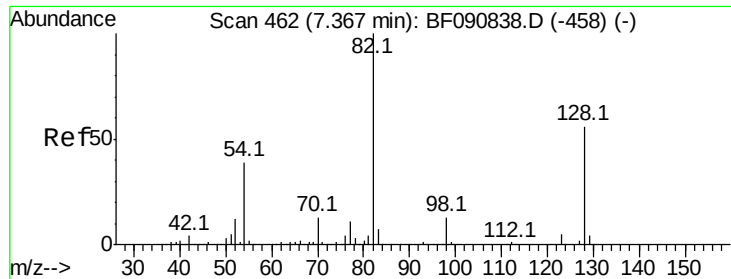
Tot Ion:	70	Resp:	152224
Ion	Ratio	Lower	Upper
70	100		
42	33.1	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF090913.D
Acq: 28 Oct 2016 17:32

Tgt Ion:	136	Resp:	574888
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.5	8.2	12.2
68	9.5	5.8	8.6#

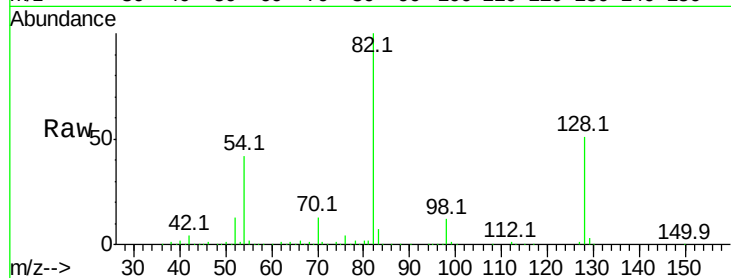




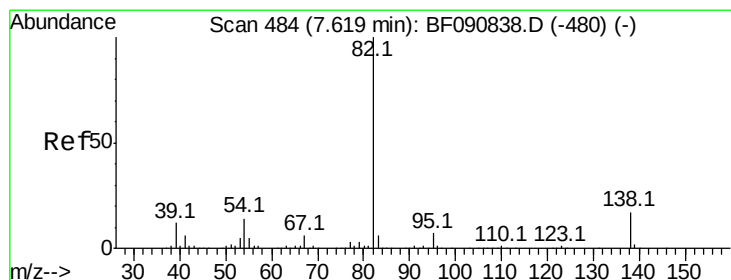
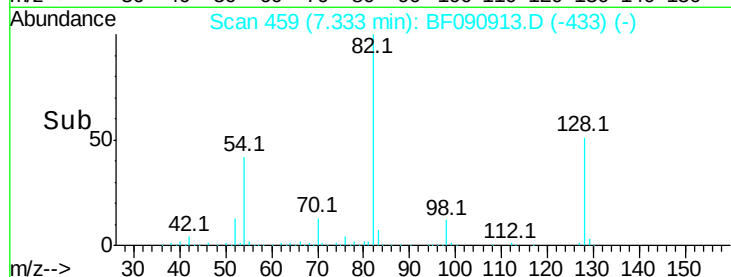
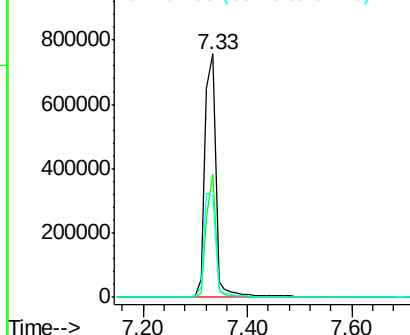
#23
 Nitrobenzene-d5
 Concen: 127.73 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090913.D
 Acq: 28 Oct 2016 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1121731
 Ion Ratio Lower Upper
 82 100
 128 50.6 51.0 76.6#
 54 41.6 47.5 71.3#

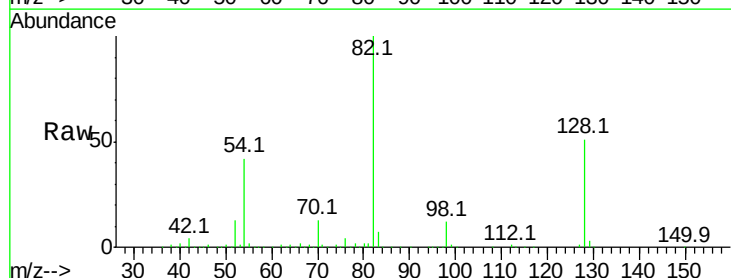


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

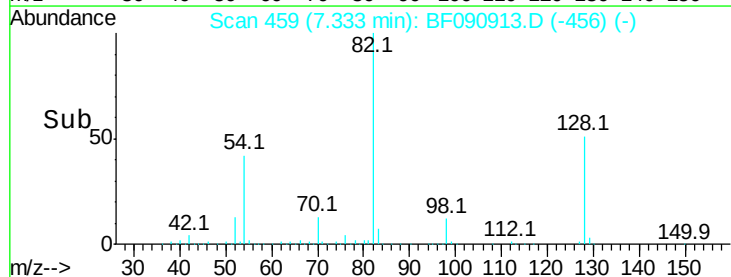
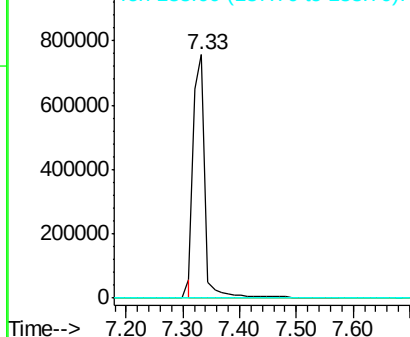


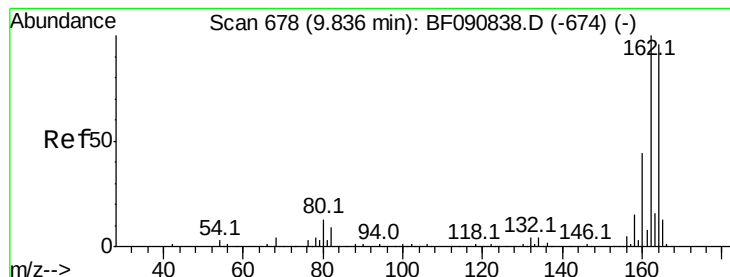
#25
 Isophorone
 Concen: 58.96 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.26 min
 Lab File: BF090913.D
 Acq: 28 Oct 2016 17:32

Tgt Ion: 82 Resp: 1050797
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#



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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

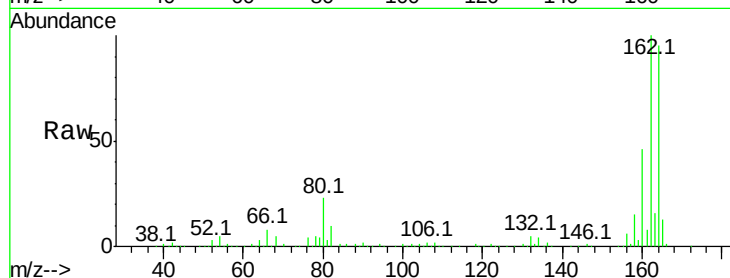
Tot Ion:164 Resp: 321874

Ion Ratio Lower Upper

164 100

162 104.7 75.2 112.8

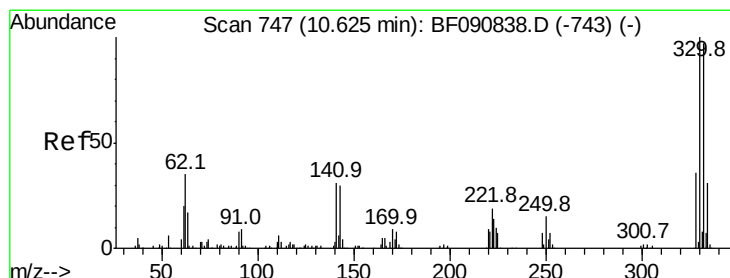
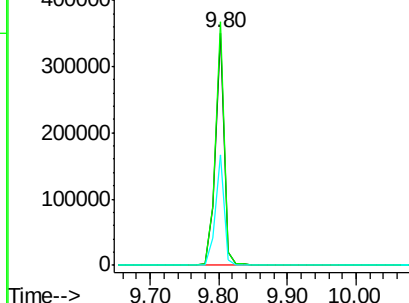
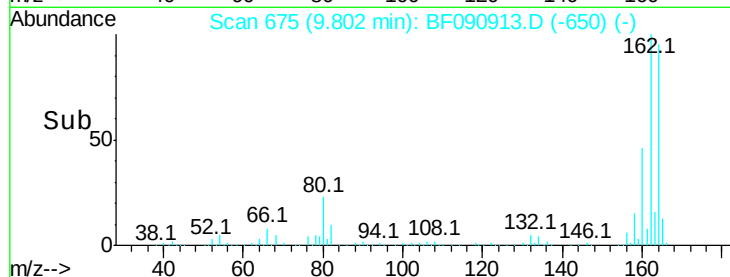
160 47.7 31.5 47.3#



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: 130.71 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

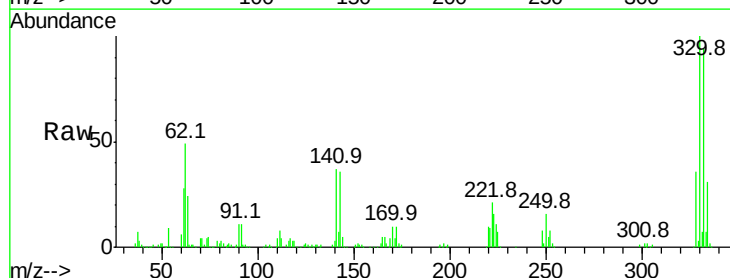
Tgt Ion:330 Resp: 432365

Ion Ratio Lower Upper

330 100

332 94.3 76.6 114.8

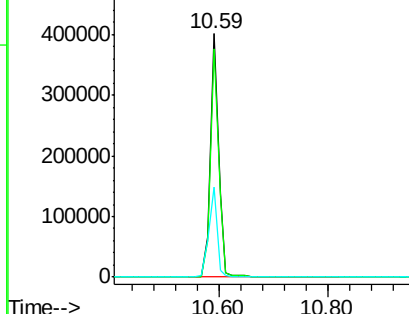
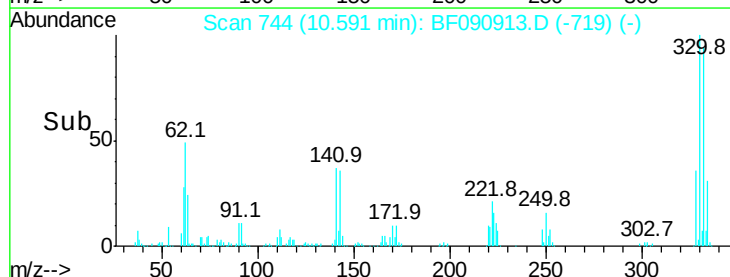
141 37.2 29.7 44.5

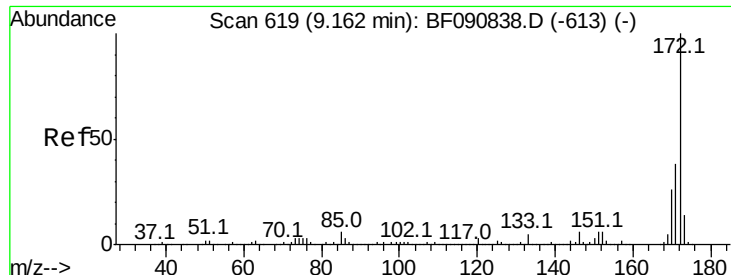


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

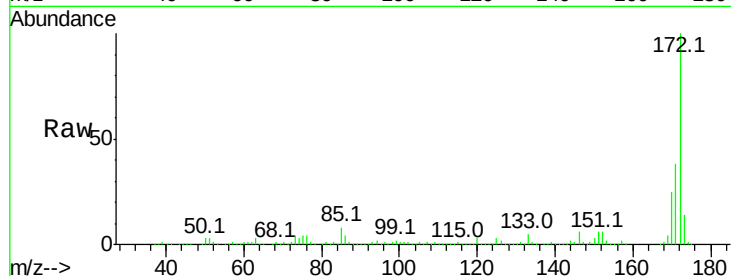




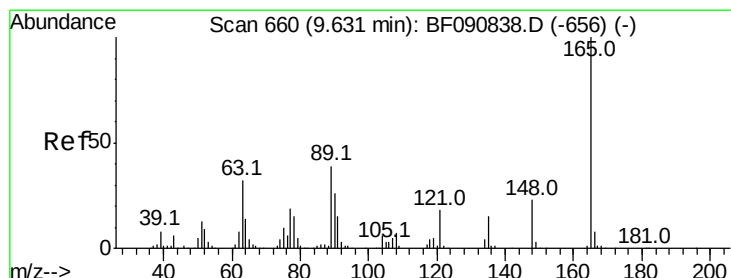
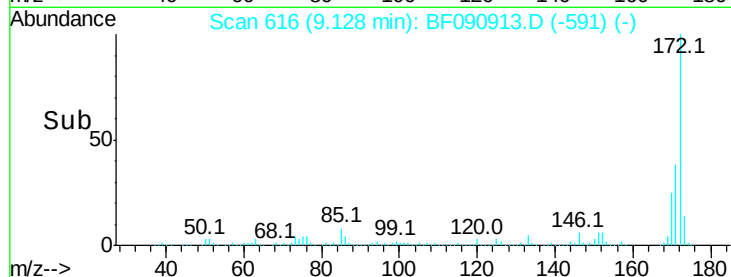
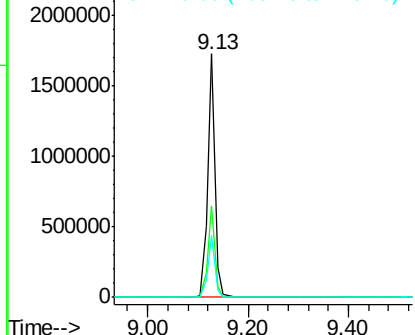
#44
 2-Fluorobiphenyl
 Concen: 94.71 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090913.D
 Acq: 28 Oct 2016 17:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1736126
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.5 17.4 26.2

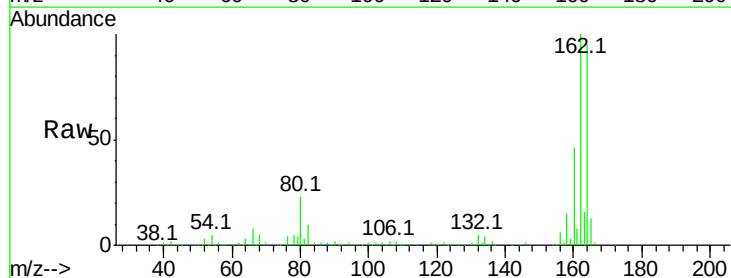


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

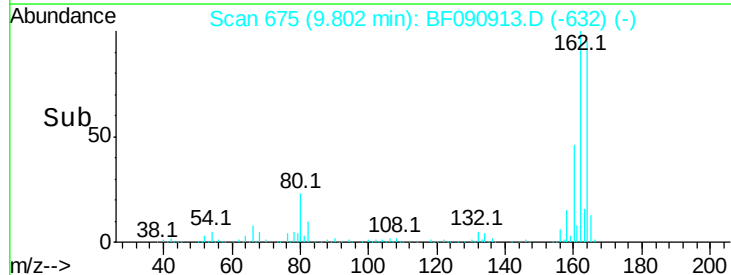
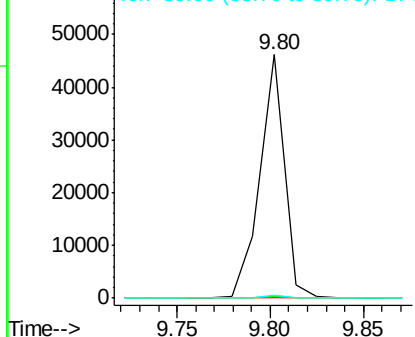


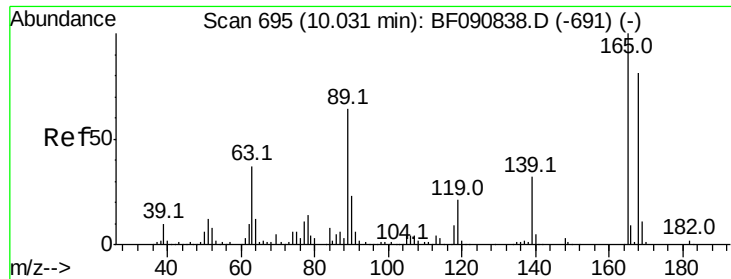
#50
 2,6-Dinitrotoluene
 Concen: 8.84 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF090913.D
 Acq: 28 Oct 2016 17:32

Tgt Ion:165 Resp: 41971
 Ion Ratio Lower Upper
 165 100
 63 0.9 32.3 48.5#
 89 1.1 28.6 43.0#



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: 7.11 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 41973

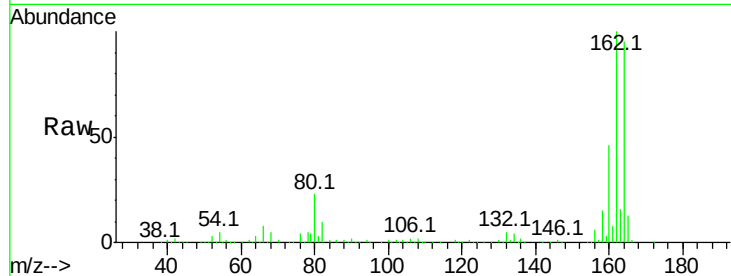
Ion Ratio Lower Upper

165 100

63 0.9 29.8 44.6#

89 1.1 44.5 66.7#

182 0.0 3.0 4.4#

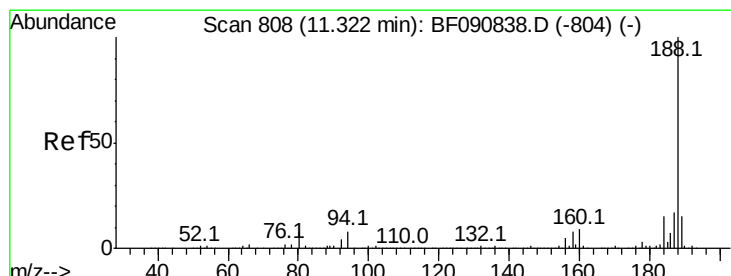
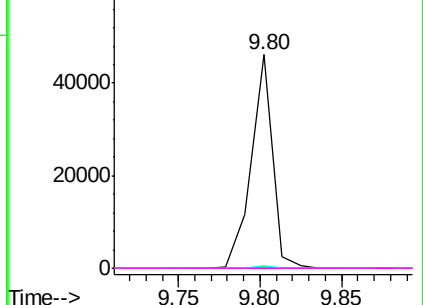
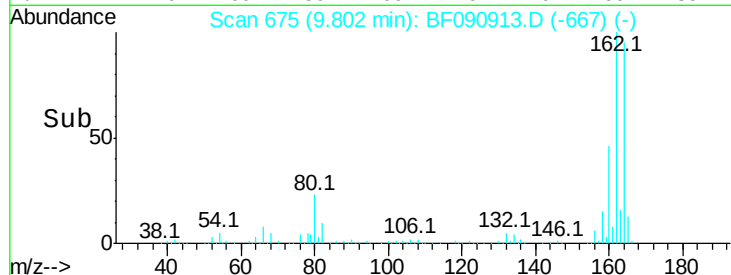


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

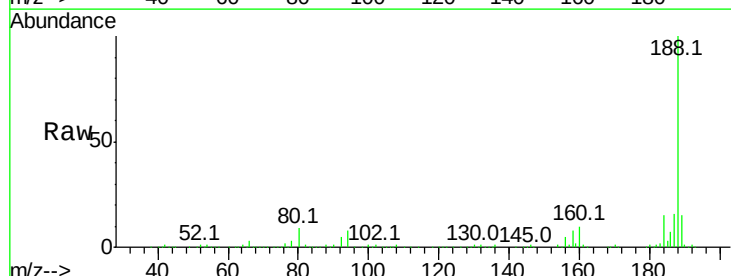
Tgt Ion:188 Resp: 524084

Ion Ratio Lower Upper

188 100

94 8.2 11.1 16.7#

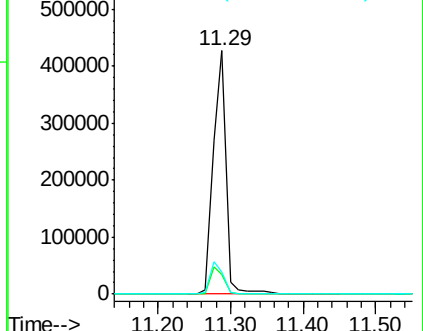
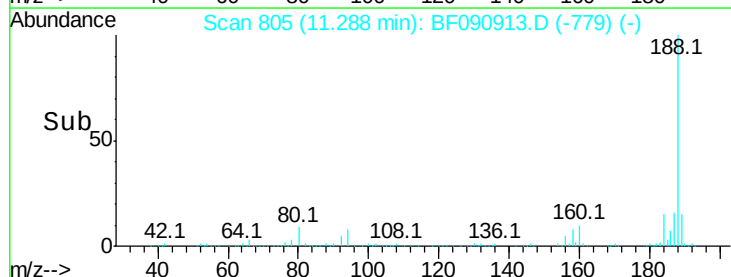
80 8.9 11.0 16.4#

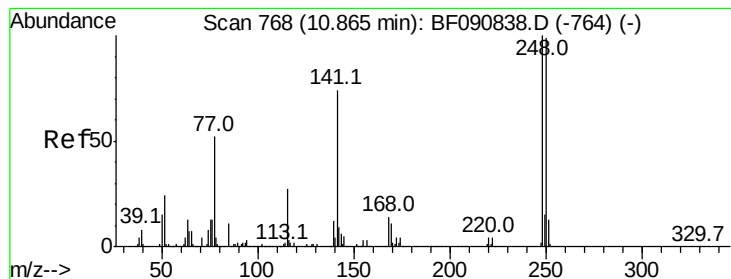


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.15 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

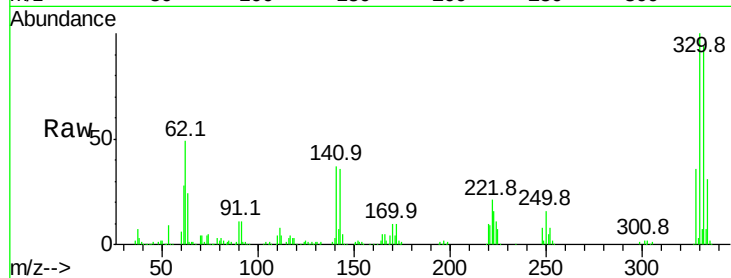
Tot Ion:248 Resp: 29557

Ion Ratio Lower Upper

248 100

250 198.7 78.5 117.7#

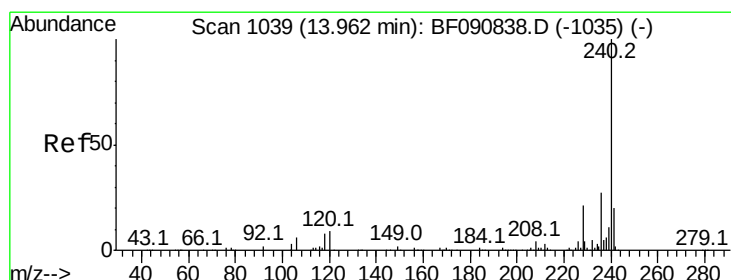
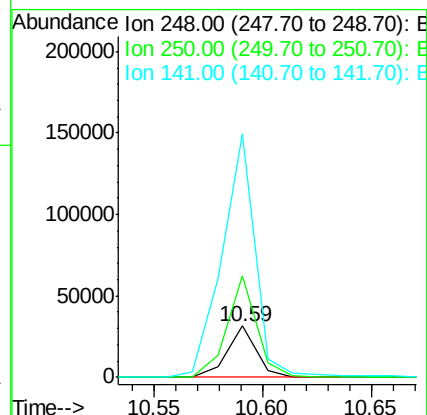
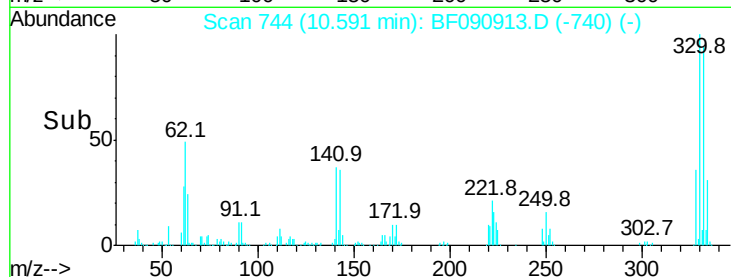
141 476.9 59.0 88.6#



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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

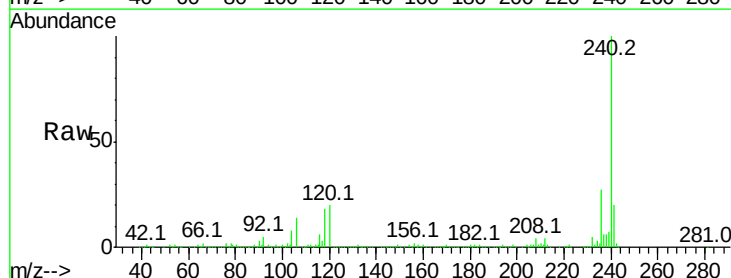
Tgt Ion:240 Resp: 450090

Ion Ratio Lower Upper

240 100

120 19.9 16.2 24.2

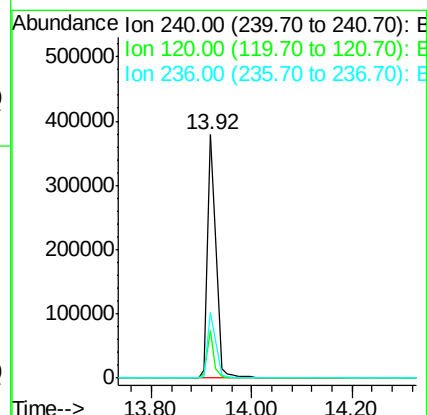
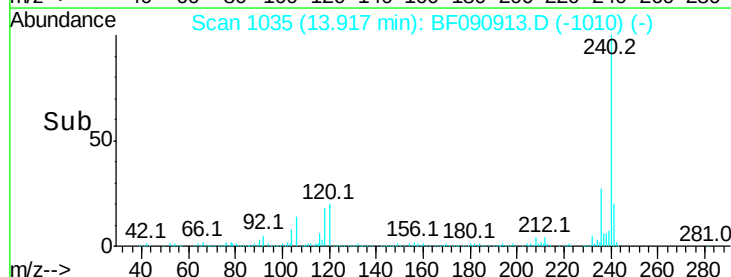
236 26.9 18.4 27.6

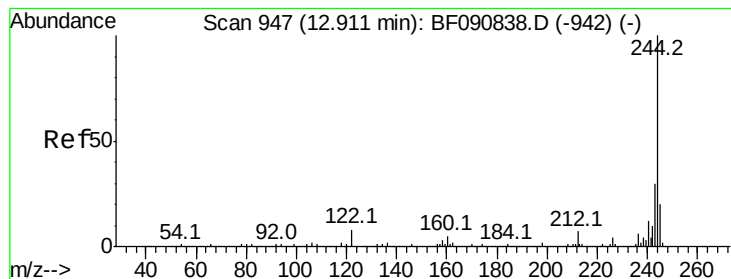


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.69 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

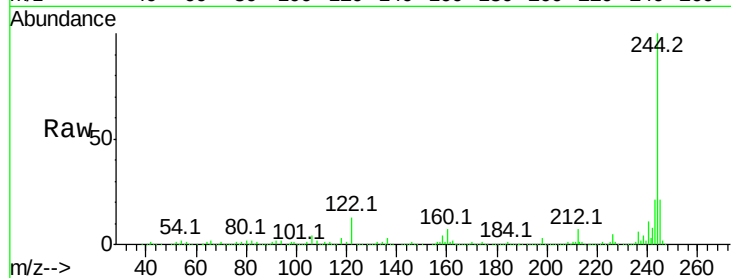
Tot Ion:244 Resp: 1852366

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

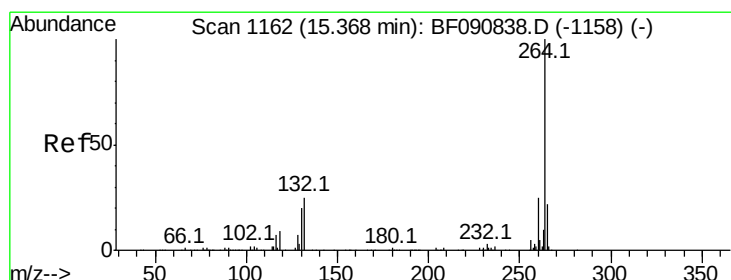
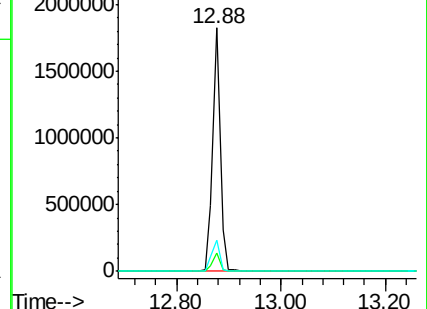
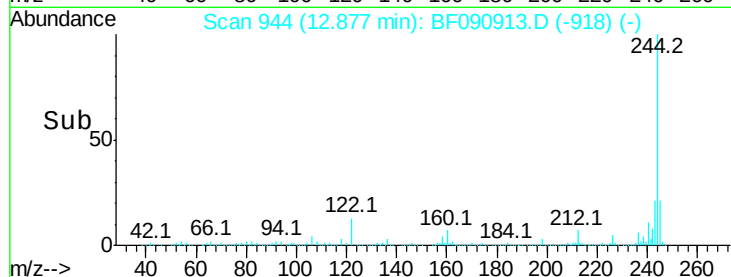
122 12.8 17.4 26.2#



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: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF090913.D

Acq: 28 Oct 2016 17:32

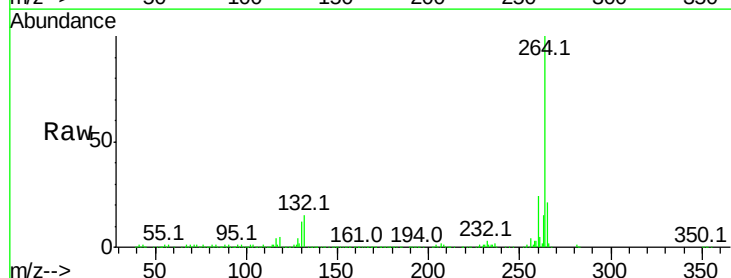
Tgt Ion:264 Resp: 356795

Ion Ratio Lower Upper

264 100

260 24.3 16.7 25.1

265 21.1 17.2 25.8



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

