

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102816\
 Data File : BF090912.D
 Acq On : 28 Oct 2016 17:05
 Operator : UM/SJ
 Sample : H5451-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 28 18:51:31 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

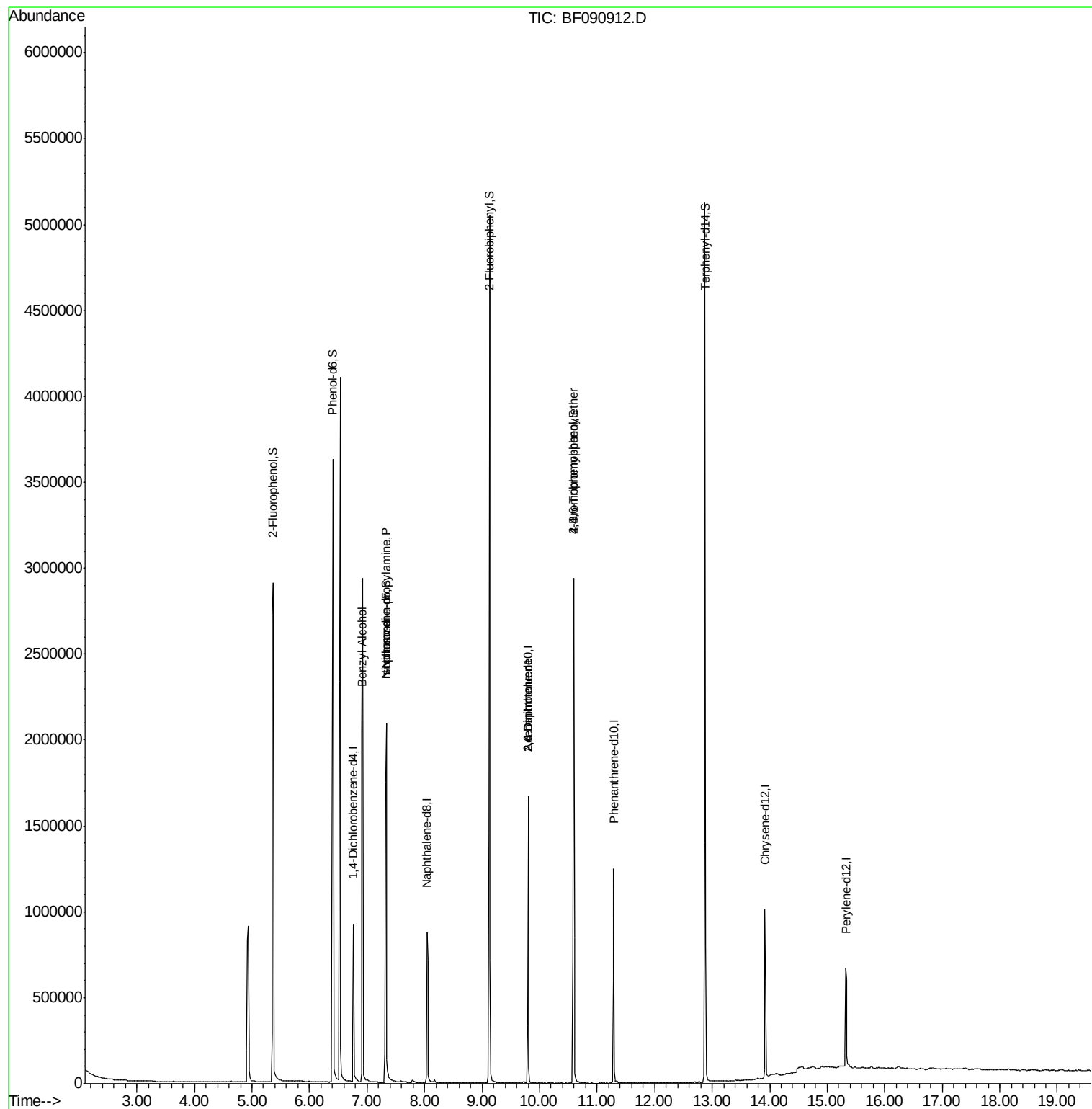
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146953	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	589532	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	335577	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	528380	20.00	ng	0.00
75) Chrysene-d12	13.92	240	398036	20.00	ng	-0.01
86) Perylene-d12	15.33	264	289162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1275508	151.76	ng	0.01
7) Phenol-d6	6.41	99	1538404	135.67	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1101888	122.36	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	418955	121.48	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1694537	88.67	ng	-0.01
78) Terphenyl-d14	12.88	244	1693194	107.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.91	79	16969	2.28	ng	# 31
19) n-Nitroso-di-n-propylamine	7.33	70	149596	22.82	ng	# 49
25) Isophorone	7.33	82	1051027	57.51	ng	# 58
50) 2,6-Dinitrotoluene	9.80	165	43260	8.74	ng	# 38
56) 2,4-Dinitrotoluene	9.80	165	43262	7.03	ng	# 33
66) 4-Bromophenyl-phenylether	10.59	248	26959	4.66	ng	# 1

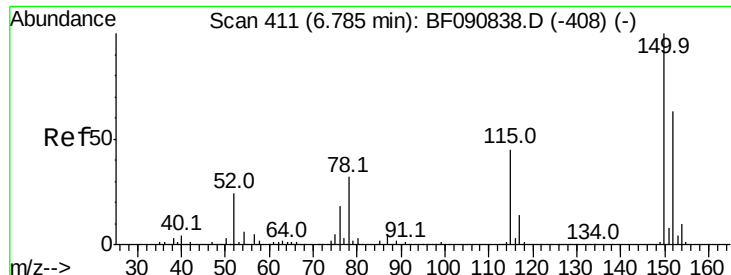
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102816\
Data File : BF090912.D
Acq On : 28 Oct 2016 17:05
Operator : UM/SJ
Sample : H5451-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 28 18:51:31 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



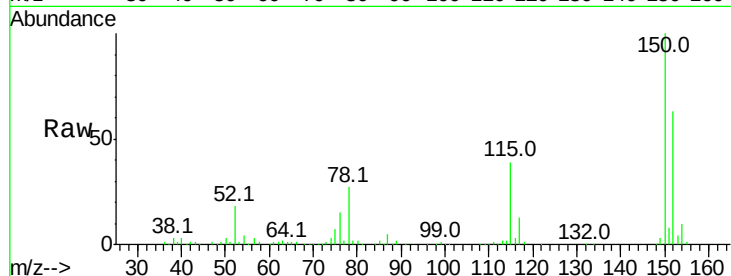


#1

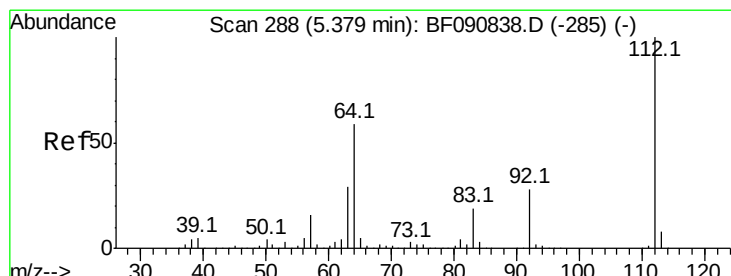
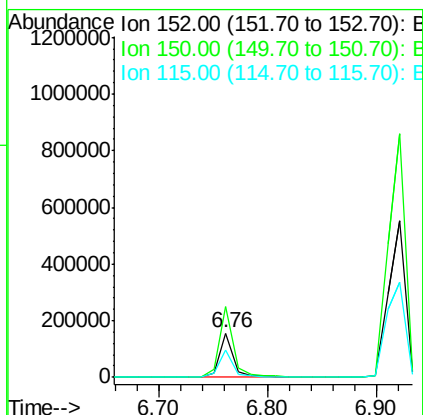
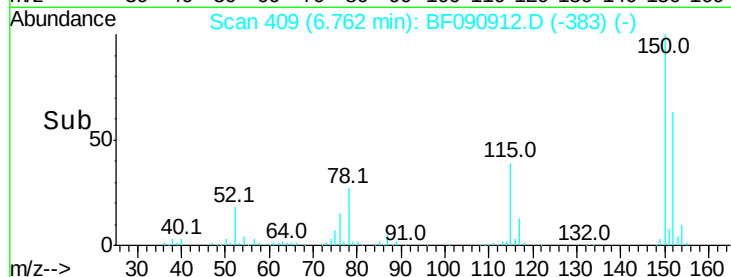
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF090912.D
Acq: 28 Oct 2016 17:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 146953
Ion Ratio Lower Upper
152 100
150 158.4 124.7 187.1
115 62.1 39.0 58.4#



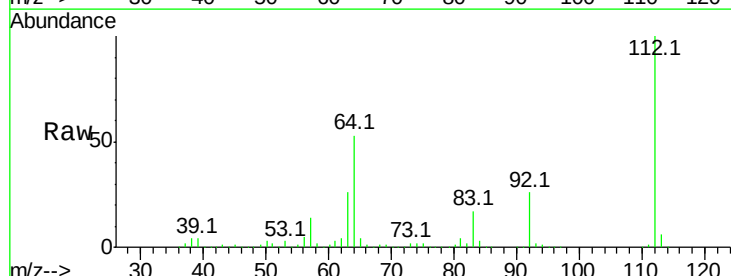
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



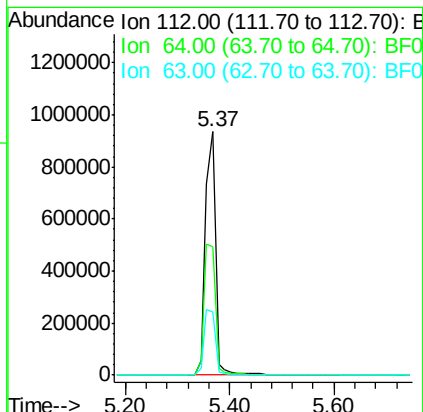
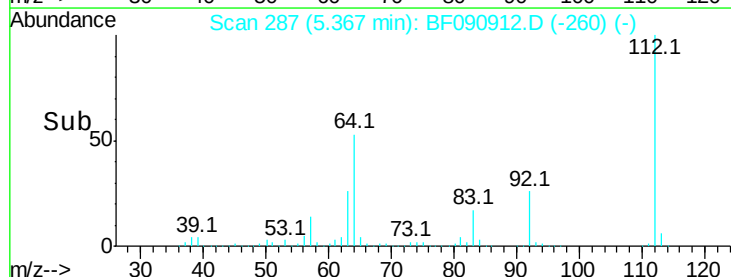
#5

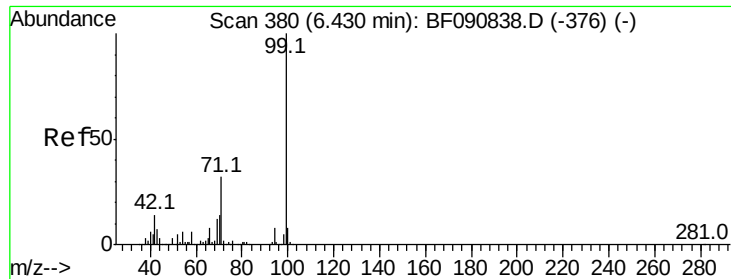
2-Fluorophenol
Concen: 151.76 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF090912.D
Acq: 28 Oct 2016 17:05

Tgt Ion:112 Resp: 1275508
Ion Ratio Lower Upper
112 100
64 52.8 39.7 59.5
63 26.0 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: 135.67 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090912.D

Acq: 28 Oct 2016 17:05

Instrument :

BNA_F

ClientSampled :

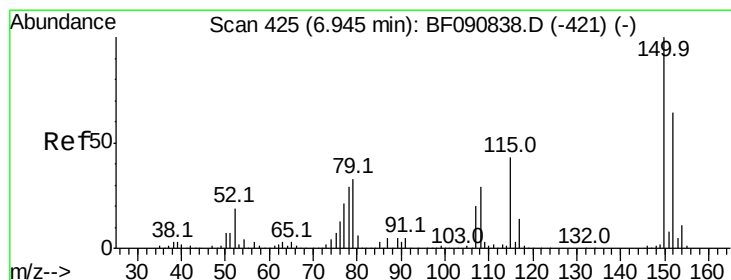
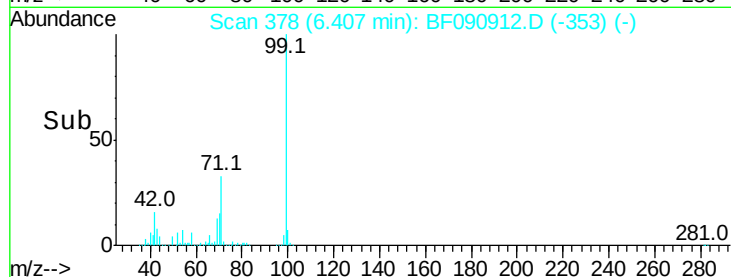
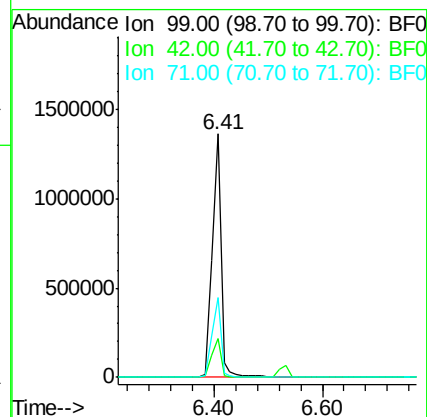
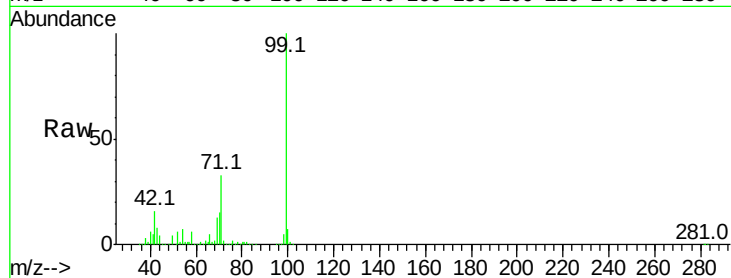
Tot Ion: 99 Resp: 1538404

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

71 32.9 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF090912.D

Acq: 28 Oct 2016 17:05

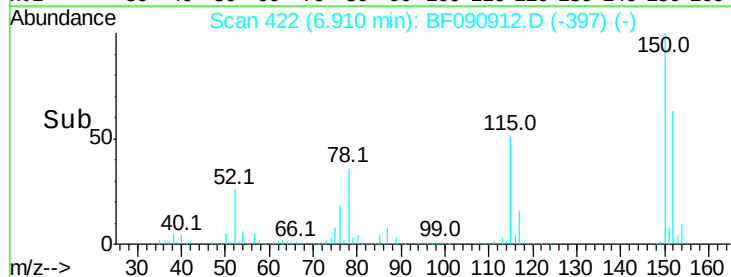
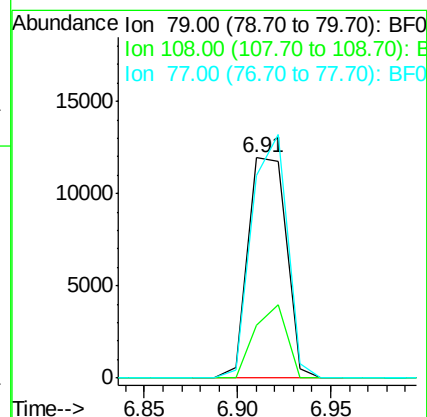
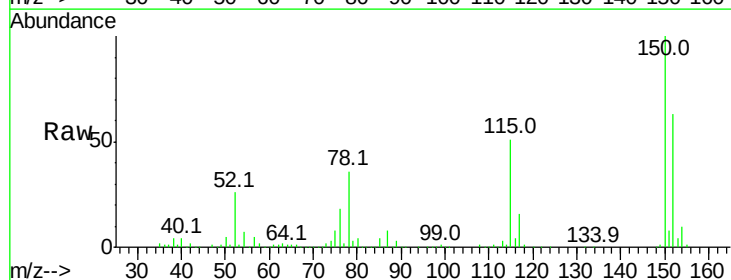
Tgt Ion: 79 Resp: 16969

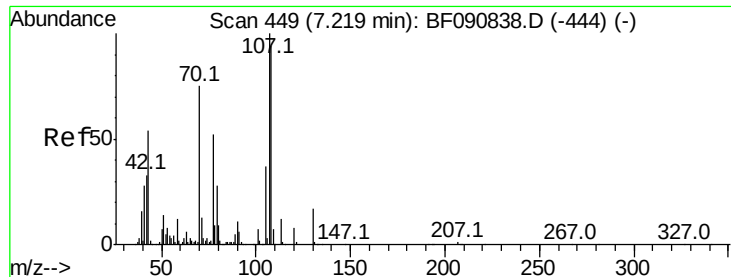
Ion Ratio Lower Upper

79 100

108 24.2 88.6 132.8#

77 92.4 47.0 70.4#

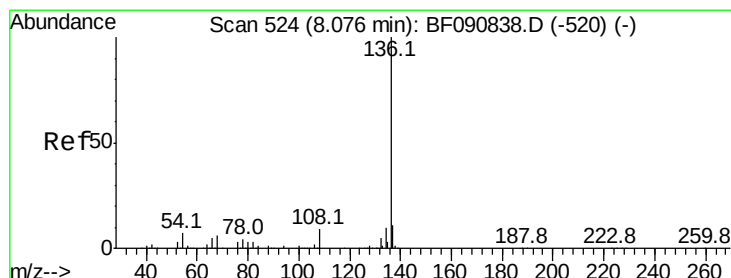
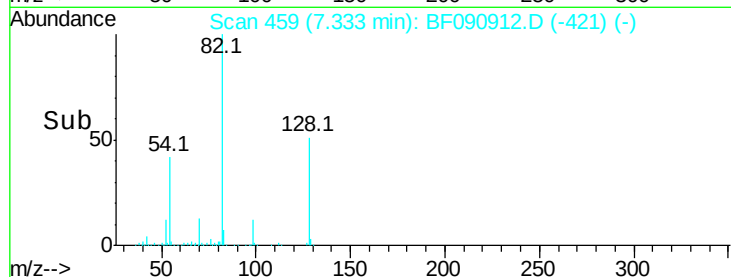
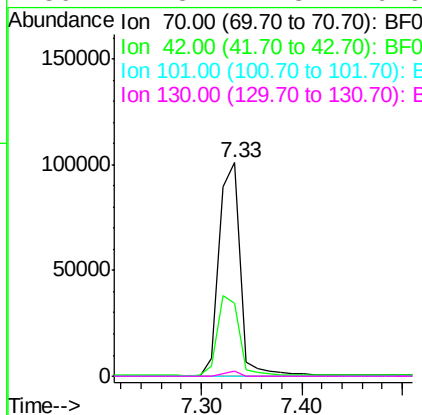
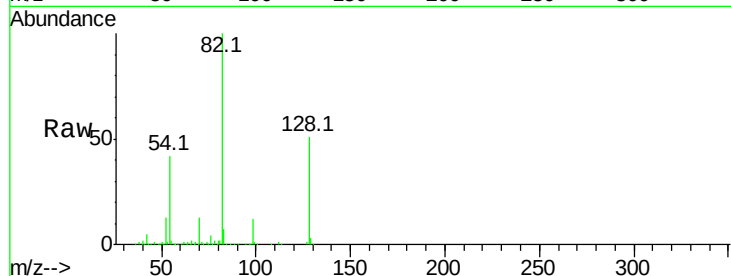




#19
n-Nitroso-di-n-propylamine
Concen: 22.82 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF090912.D
Acq: 28 Oct 2016 17:05

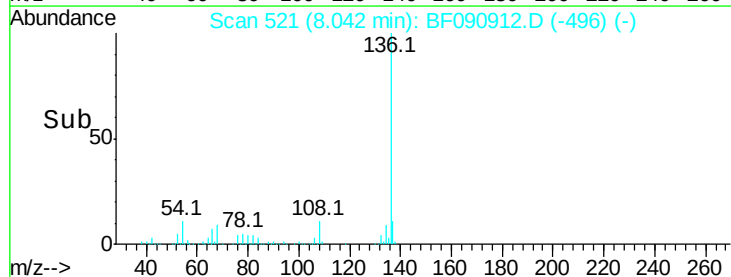
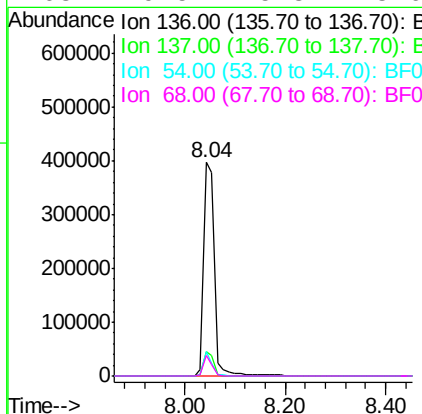
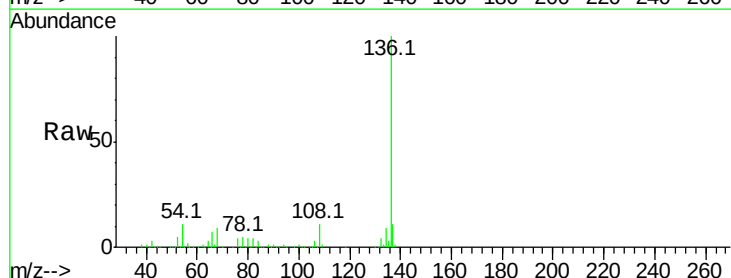
Instrument :
BNA_F
ClientSampleId :

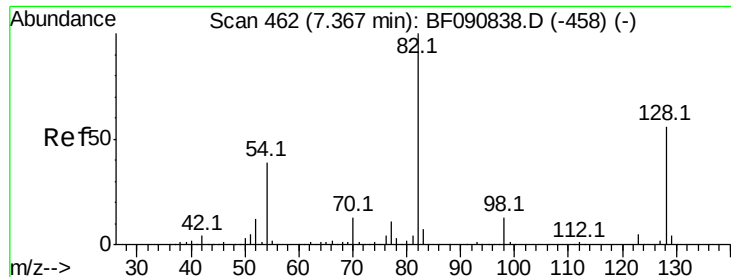
Tot Ion: 70 Resp: 149596
Ion Ratio Lower Upper
70 100
42 34.0 63.8 95.6#
101 0.0 9.2 13.8#
130 2.3 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF090912.D
Acq: 28 Oct 2016 17:05

Tgt Ion:136 Resp: 589532
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 11.3 8.2 12.2
68 9.5 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 122.36 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF090912.D

Acq: 28 Oct 2016 17:05

Instrument :
BNA_F
ClientSampleId :

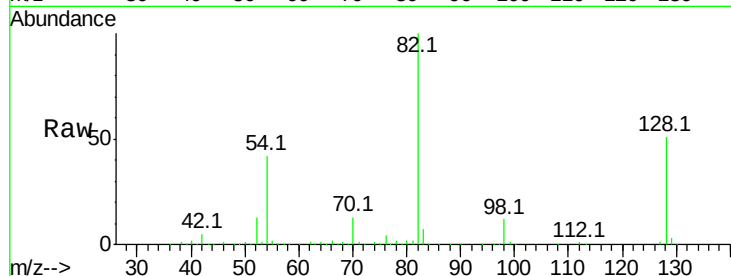
Tot Ion: 82 Resp: 1101888

Ion Ratio Lower Upper

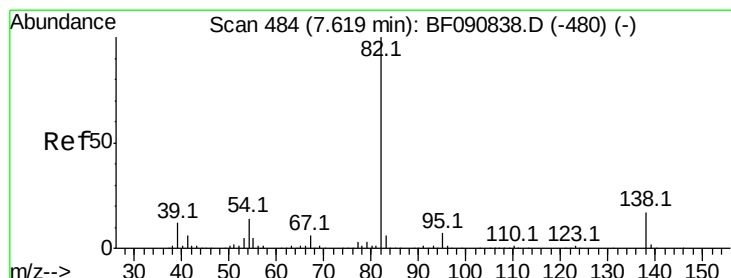
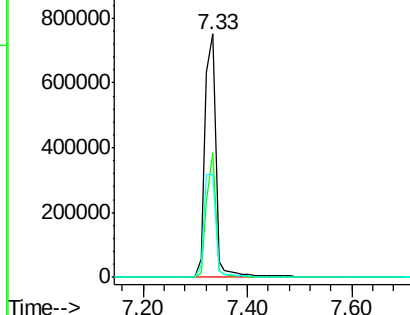
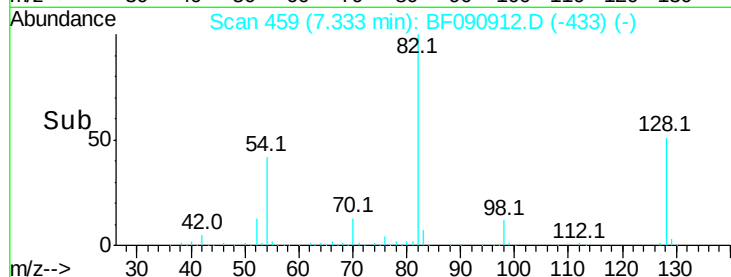
82 100

128 51.0 51.0 76.6#

54 42.3 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: 57.51 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.26 min

Lab File: BF090912.D

Acq: 28 Oct 2016 17:05

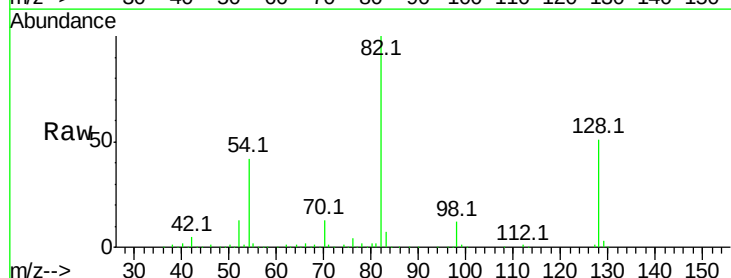
Tgt Ion: 82 Resp: 1051027

Ion Ratio Lower Upper

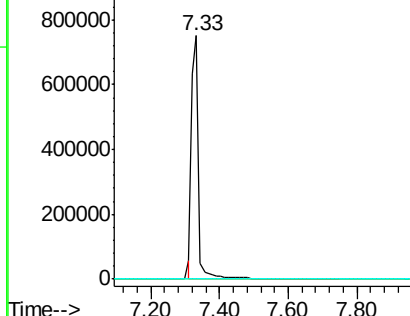
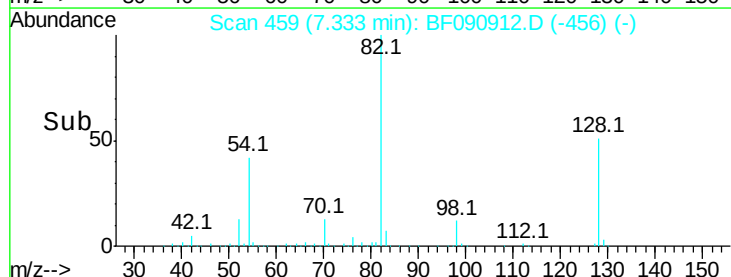
82 100

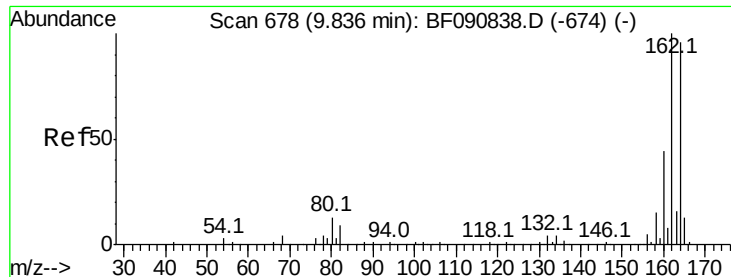
95 0.0 4.0 6.0#

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

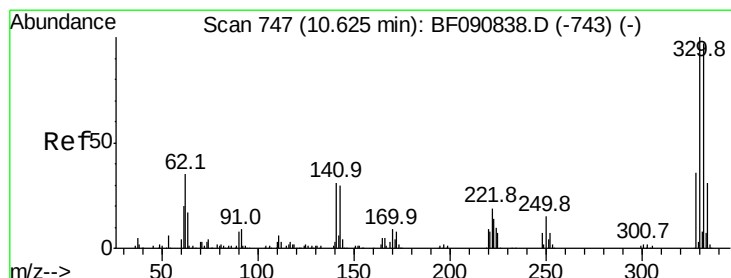
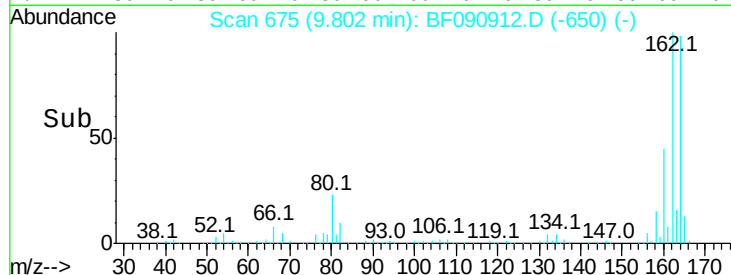
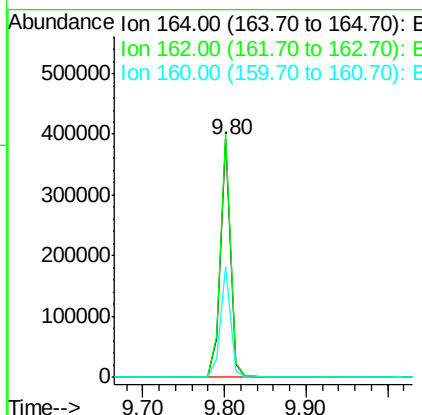
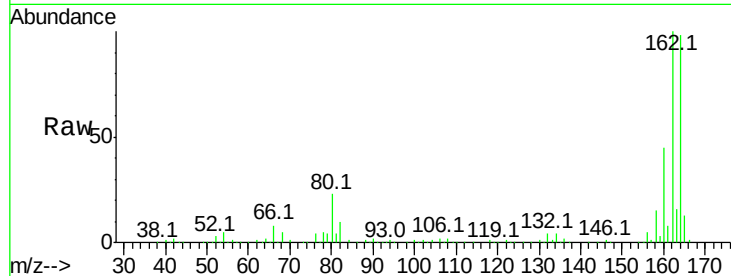




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

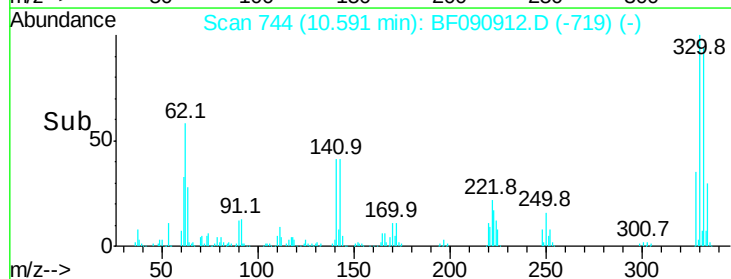
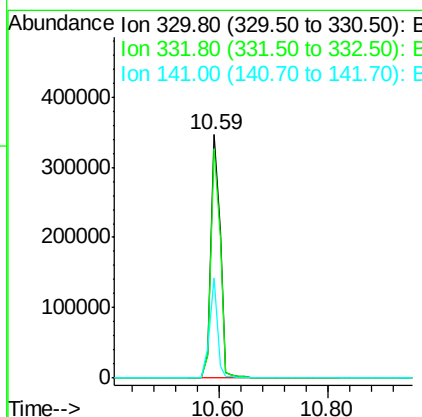
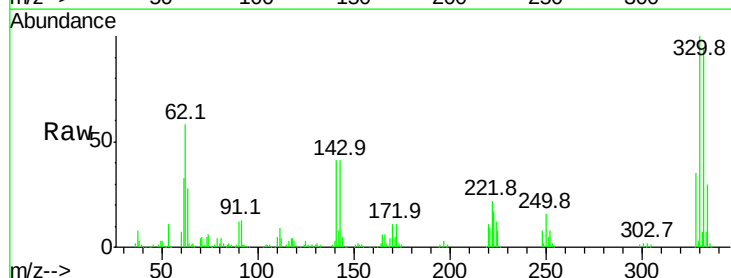
Instrument :
 BNA_F
 ClientSampled :

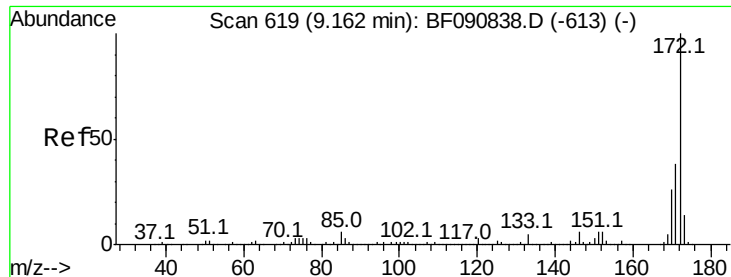
Tot Ion:164 Resp: 335577
 Ion Ratio Lower Upper
 164 100
 162 102.2 75.2 112.8
 160 46.3 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 121.48 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

Tgt Ion:330 Resp: 418955
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 34.7 29.7 44.5



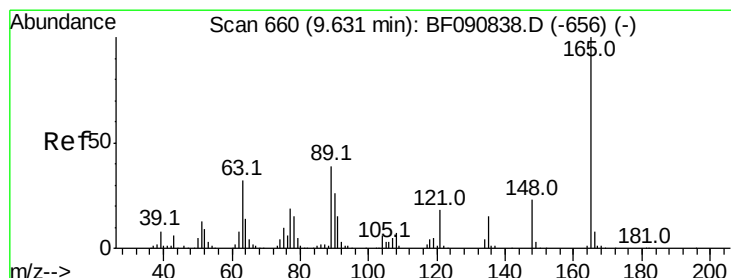
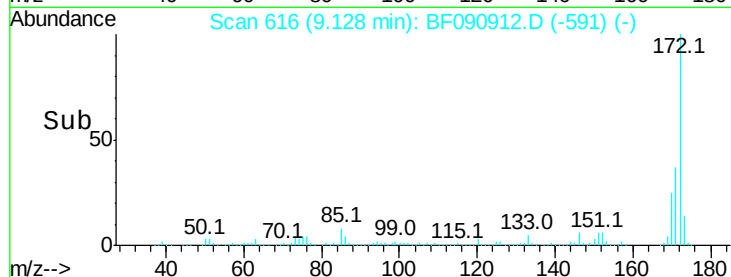
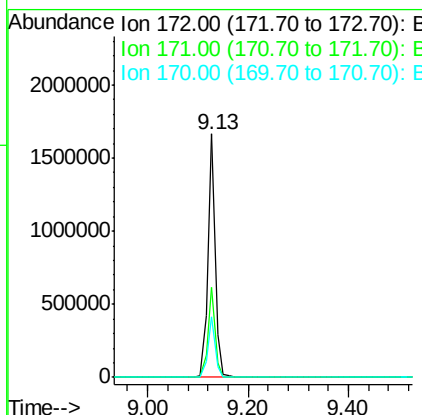
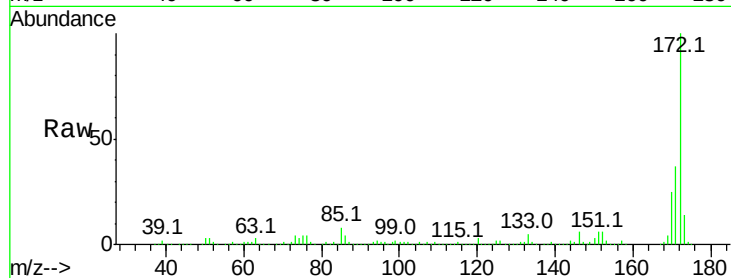


#44
 2-Fluorobiphenyl
 Concen: 88.67 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1694537

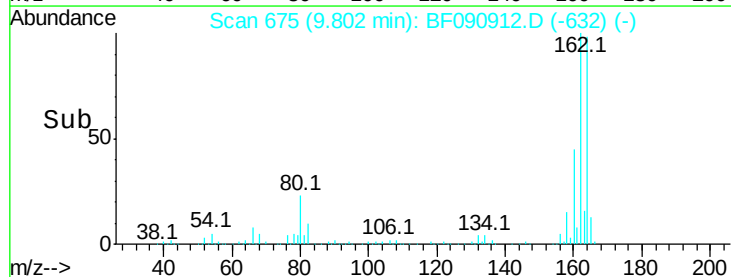
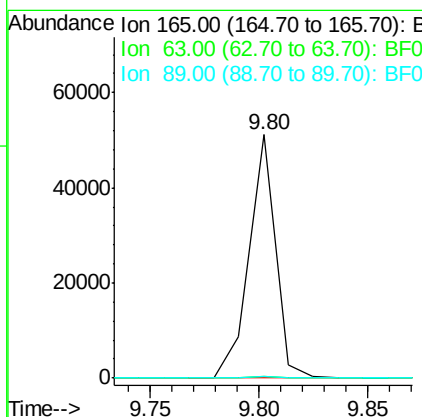
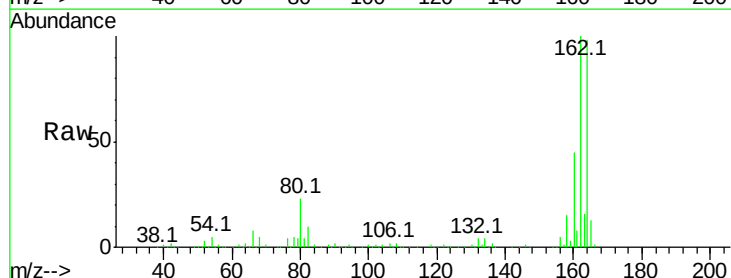
Ion	Ratio	Lower	Upper
172	100		
171	37.1	26.1	39.1
170	25.1	17.4	26.2

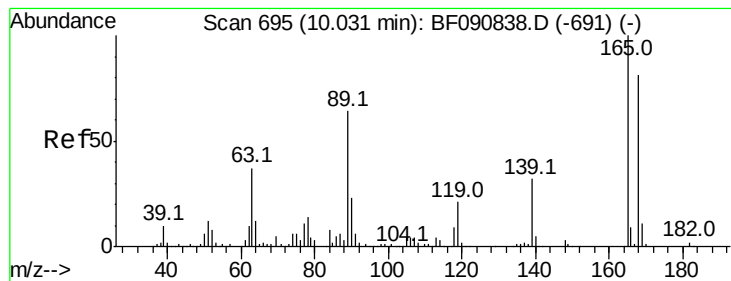


#50
 2,6-Dinitrotoluene
 Concen: 8.74 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

Tgt Ion:165 Resp: 43260

Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	0.8	28.6	43.0#





#56

2,4-Dinitrotoluene

Concen: 7.03 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF090912.D

Acq: 28 Oct 2016 17:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 43262

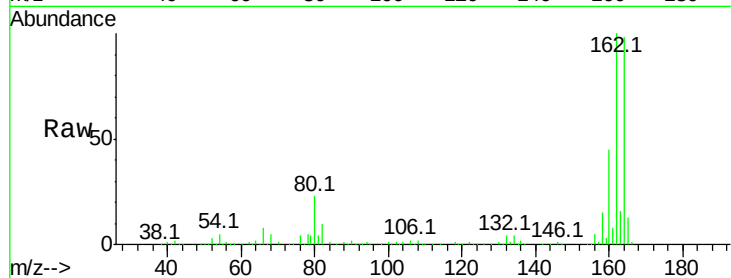
Ion Ratio Lower Upper

165 100

63 0.9 29.8 44.6#

89 0.8 44.5 66.7#

182 0.0 3.0 4.4#

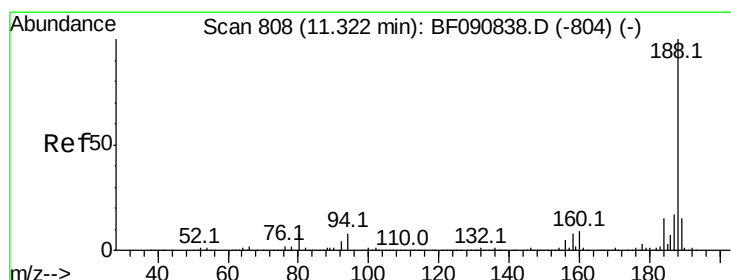
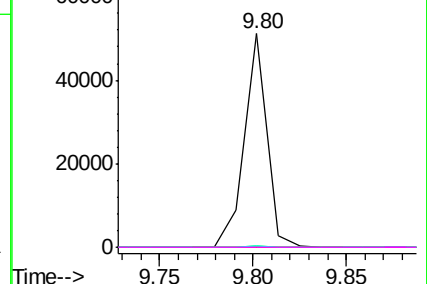
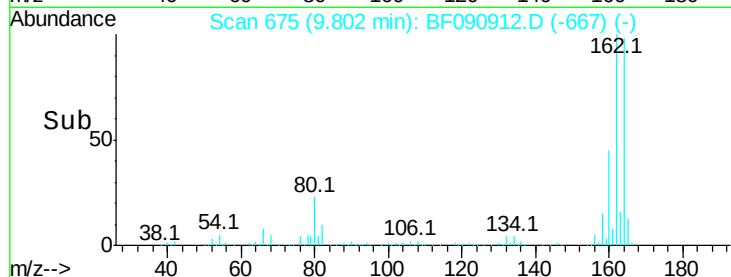


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF090912.D

Acq: 28 Oct 2016 17:05

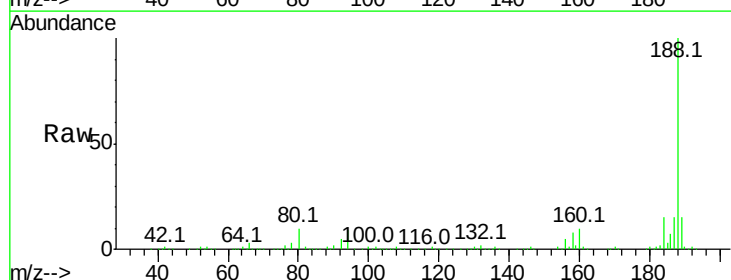
Tgt Ion:188 Resp: 528380

Ion Ratio Lower Upper

188 100

94 9.1 11.1 16.7#

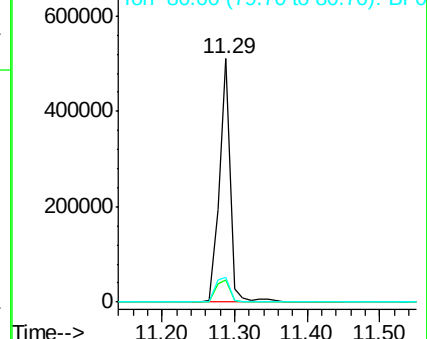
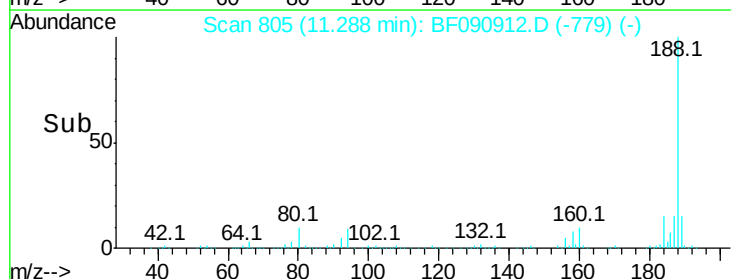
80 10.0 11.0 16.4#

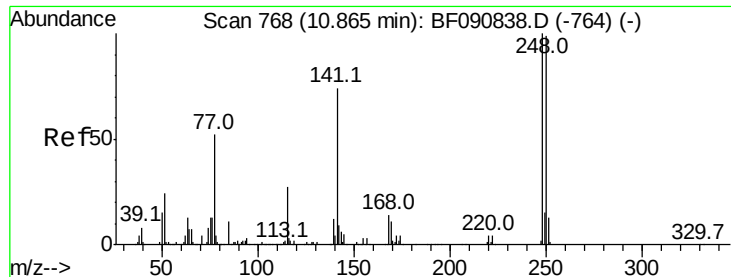


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

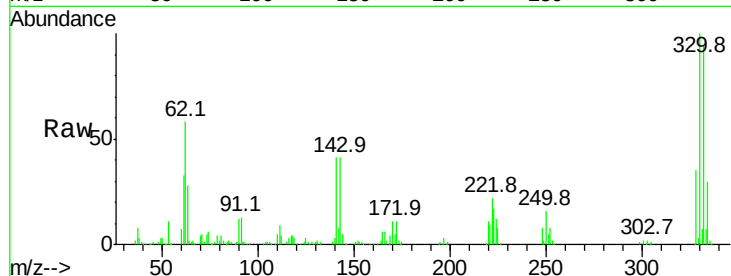




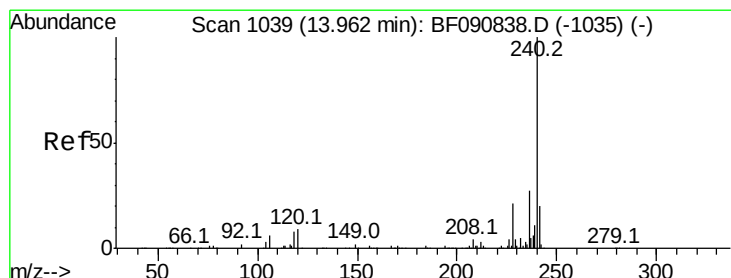
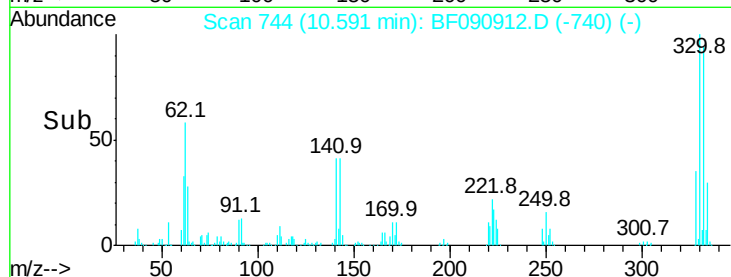
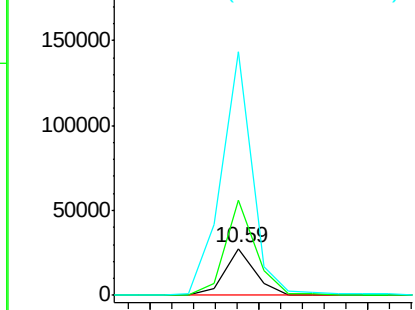
#66
 4-Bromophenyl-phenylether
 Concen: 4.66 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 26959
 Ion Ratio Lower Upper
 248 100
 250 203.7 78.5 117.7#
 141 518.1 59.0 88.6#

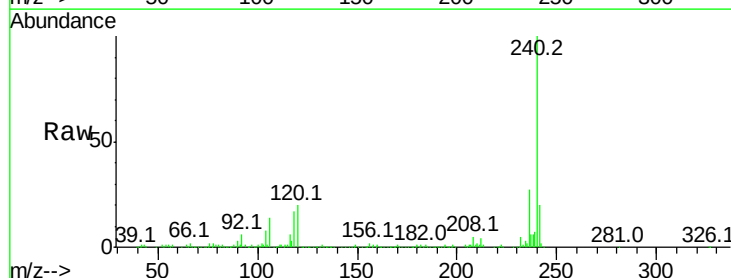


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

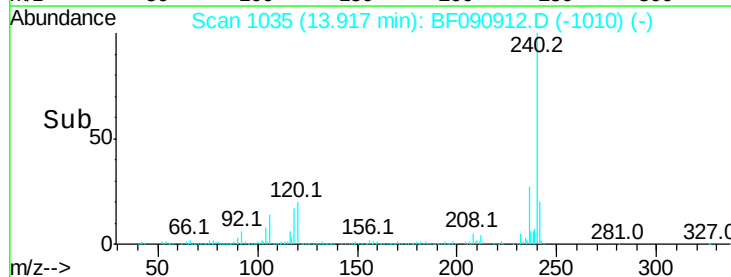
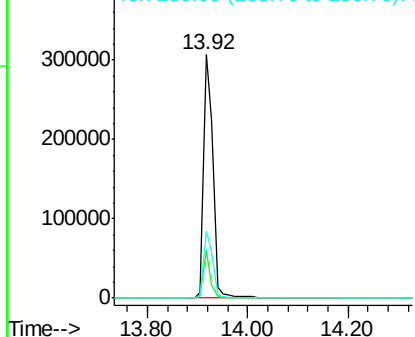


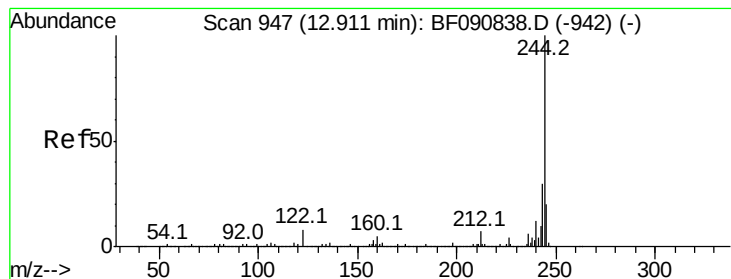
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090912.D
 Acq: 28 Oct 2016 17:05

Tgt Ion:240 Resp: 398036
 Ion Ratio Lower Upper
 240 100
 120 19.6 16.2 24.2
 236 27.5 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: 107.17 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090912.D

Acq: 28 Oct 2016 17:05

Instrument :

BNA_F

ClientSampleId :

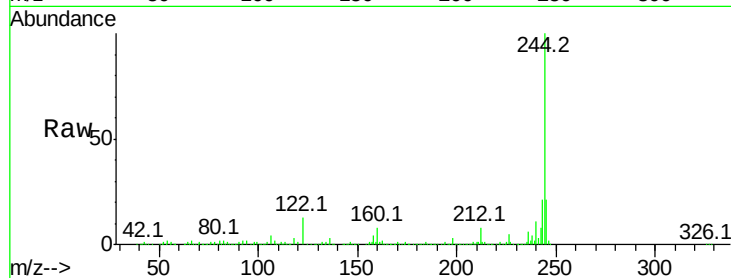
Tot Ion:244 Resp: 1693194

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

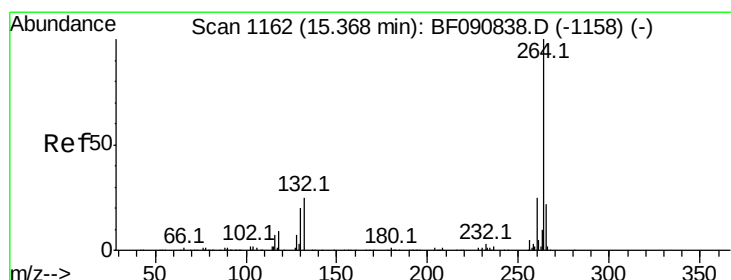
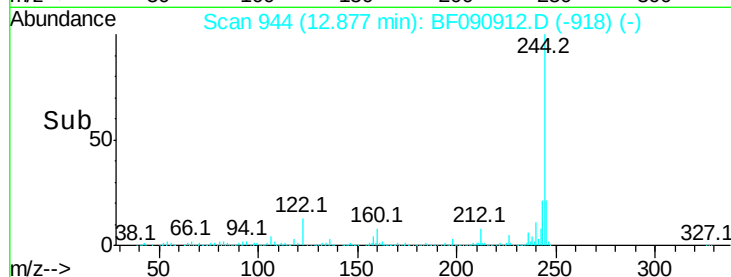
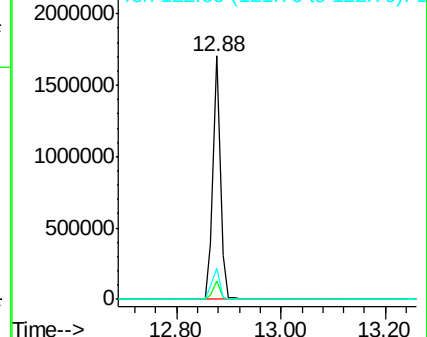
122 13.1 17.4 26.2#



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: BF090912.D

Acq: 28 Oct 2016 17:05

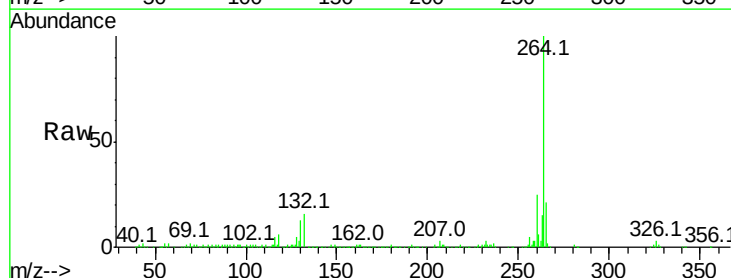
Tgt Ion:264 Resp: 289162

Ion Ratio Lower Upper

264 100

260 24.9 16.7 25.1

265 21.5 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

