

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090919.D
 Acq On : 28 Oct 2016 20:17
 Operator : UM/SJ
 Sample : H5411-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Quant Time: Oct 28 23:06:36 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

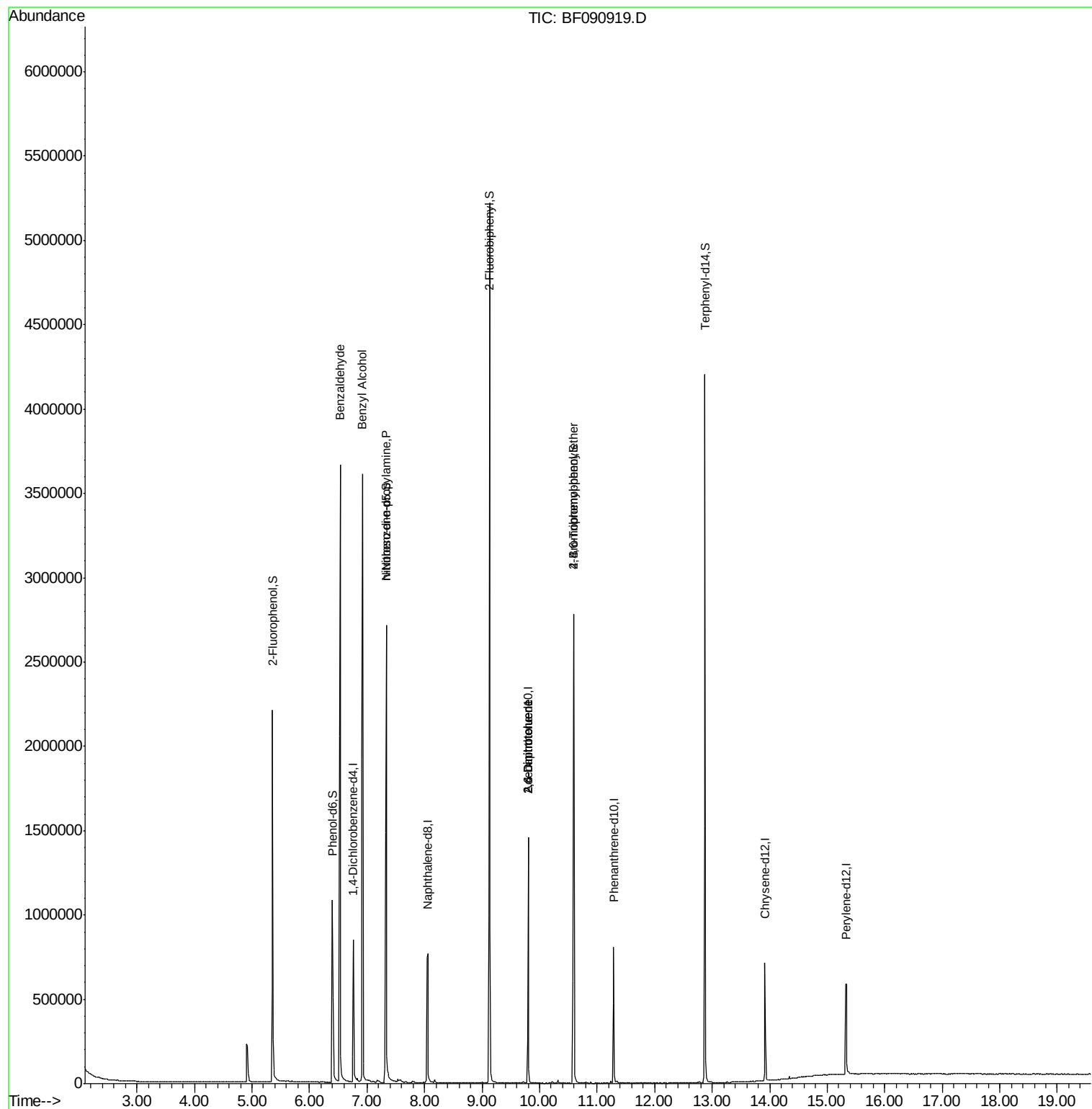
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	138108	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	557532	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	285883	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	375235	20.00	ng	0.00
75) Chrysene-d12	13.92	240	243551	20.00	ng	-0.01
86) Perylene-d12	15.33	264	286992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	637971	80.77	ng	0.00
7) Phenol-d6	6.40	99	467165	43.84	ng	-0.02
23) Nitrobenzene-d5	7.33	82	1183248	138.93	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	329665	112.21	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1671257	102.65	ng	-0.01
78) Terphenyl-d14	12.88	244	1368903	141.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	27450	4.99	ng	# 65
15) Benzyl Alcohol	6.92	79	19631	2.80	ng	# 27
19) n-Nitroso-di-n-propylamine	7.33	70	163367	26.52	ng	# 51
50) 2,6-Dinitrotoluene	9.80	165	36083	8.55	ng	# 38
56) 2,4-Dinitrotoluene	9.80	165	36084	6.89	ng	# 33
66) 4-Bromophenyl-phenylether	10.59	248	22973	5.59	ng	# 1

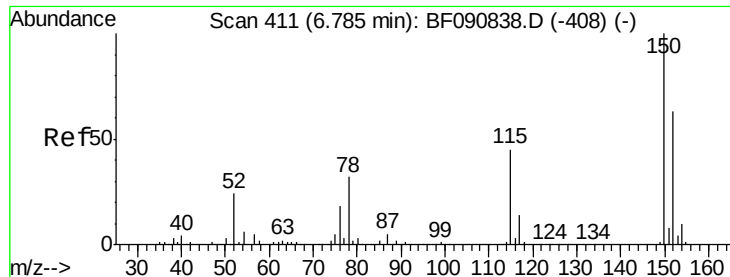
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090919.D

Acq: 28 Oct 2016 20:17

Instrument :

BNA_F

ClientSampleId :

EQUIP-BLANK

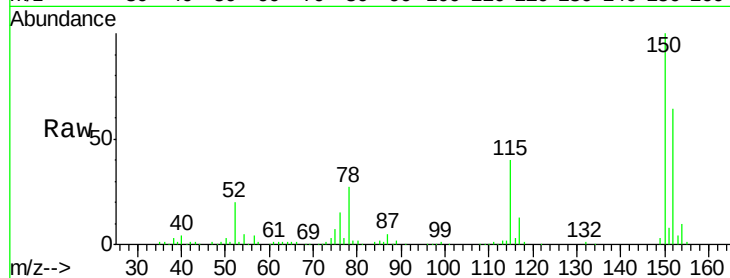
Tgt Ion:152 Resp: 138108

Ion Ratio Lower Upper

152 100

150 155.3 124.7 187.1

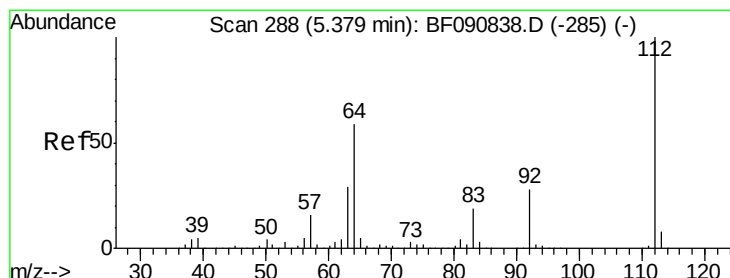
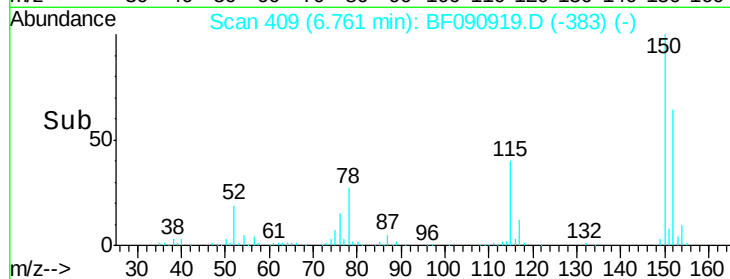
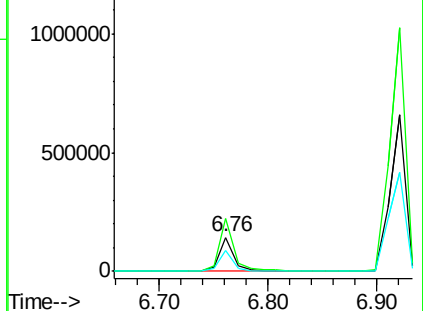
115 62.9 39.0 58.4#



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: 80.77 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090919.D

Acq: 28 Oct 2016 20:17

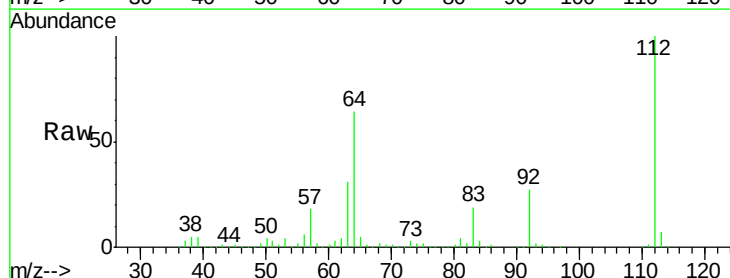
Tgt Ion:112 Resp: 637971

Ion Ratio Lower Upper

112 100

64 63.7 39.7 59.5#

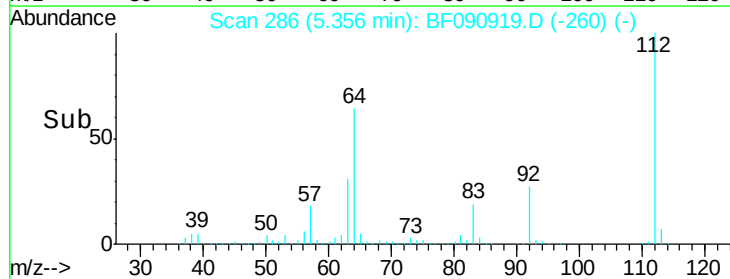
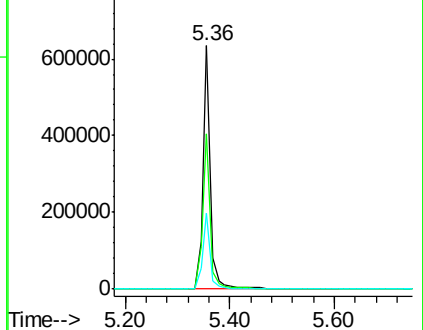
63 31.3 17.4 26.0#

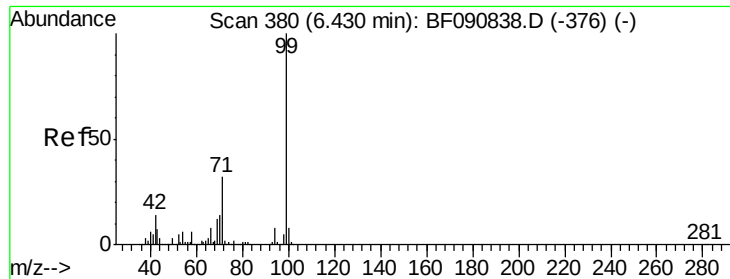


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.84 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF090919.D

Acq: 28 Oct 2016 20:17

Instrument :

BNA_F

ClientSampleId :

EQUIP-BLANK

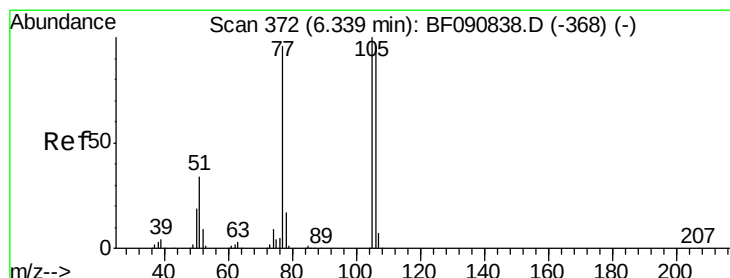
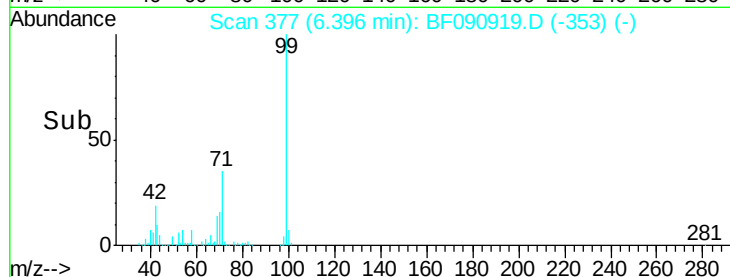
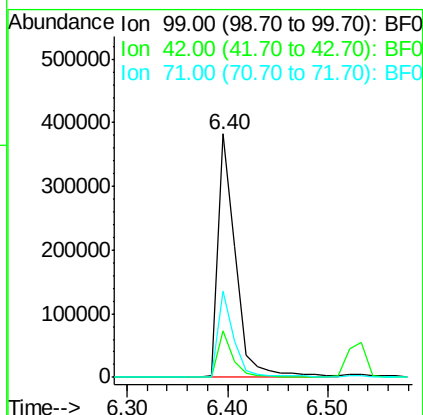
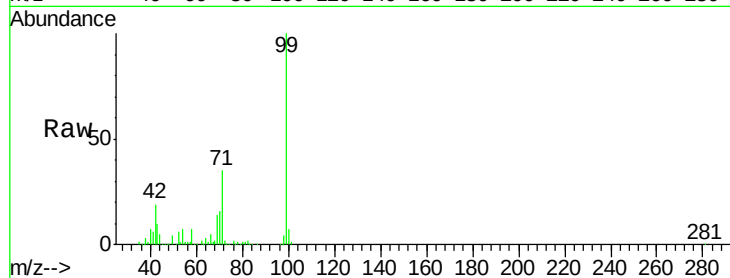
Tgt Ion: 99 Resp: 467165

Ion Ratio Lower Upper

99 100

42 18.9 13.7 20.5

71 35.5 14.2 21.2#



#9

Benzaldehyde

Concen: 4.99 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.23 min

Lab File: BF090919.D

Acq: 28 Oct 2016 20:17

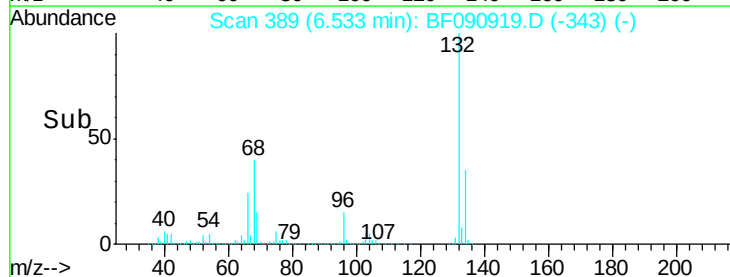
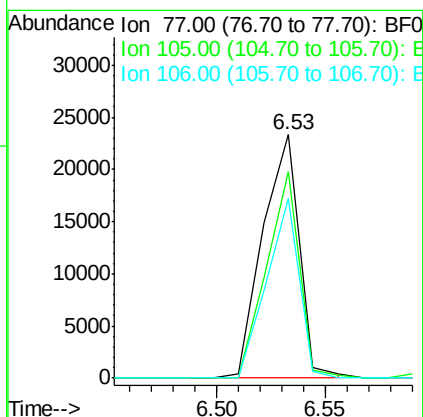
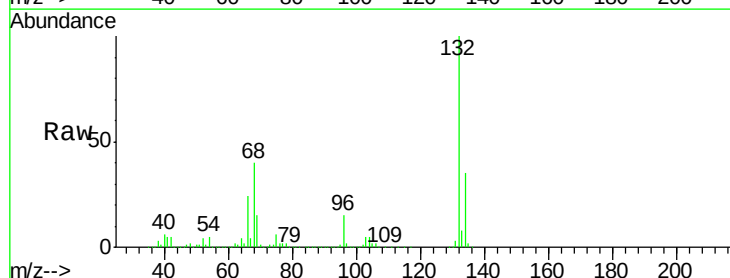
Tgt Ion: 77 Resp: 27450

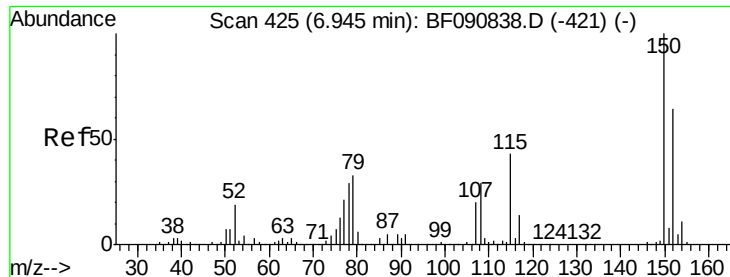
Ion Ratio Lower Upper

77 100

105 84.6 91.6 131.6#

106 73.9 102.6 142.6#





#15

Benzyl Alcohol

Concen: 2.80 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF090919.D

Acq: 28 Oct 2016 20:17

Instrument :

BNA_F

ClientSampleId :

EQUIP-BLANK

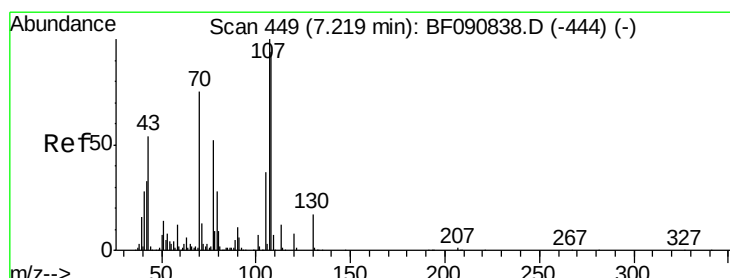
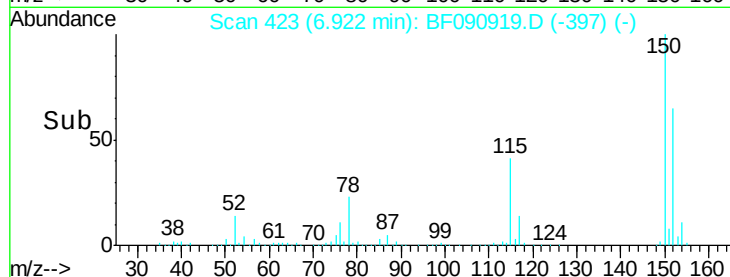
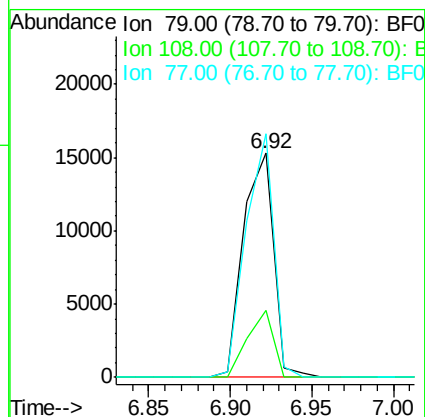
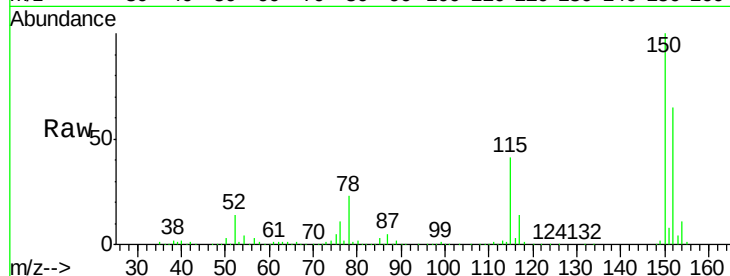
Tgt Ion: 79 Resp: 19631

Ion Ratio Lower Upper

79 100

108 29.8 88.6 132.8#

77 108.6 47.0 70.4#



#19

n-Nitroso-di-n-propylamine

Concen: 26.52 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF090919.D

Acq: 28 Oct 2016 20:17

Tgt Ion: 70 Resp: 163367

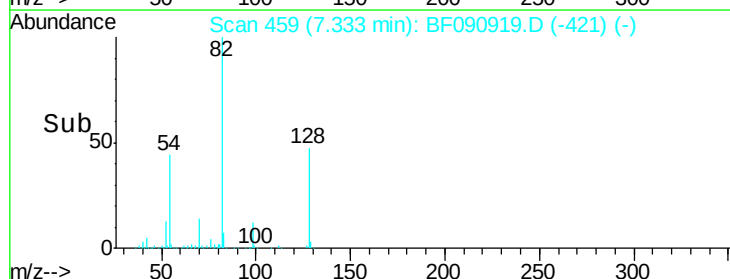
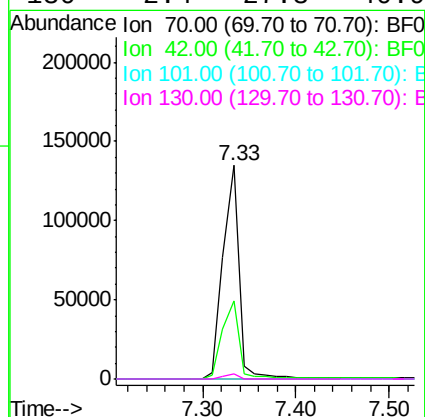
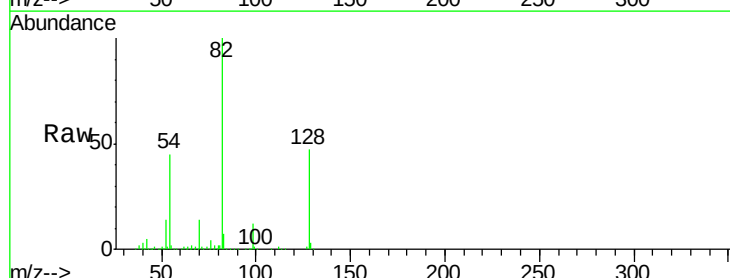
Ion Ratio Lower Upper

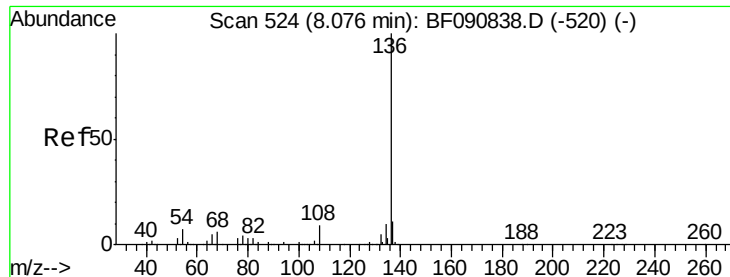
70 100

42 36.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

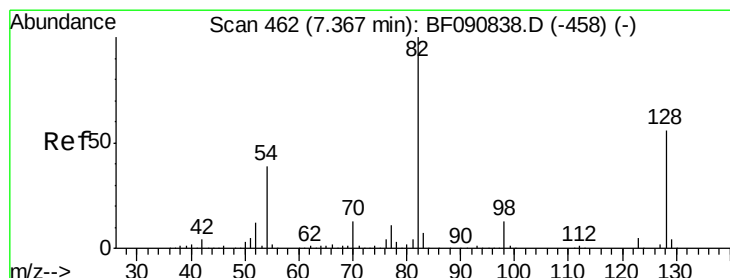
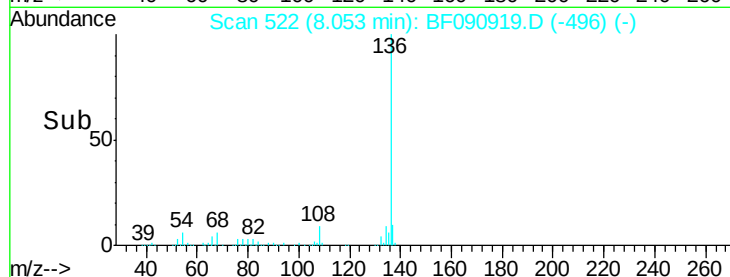
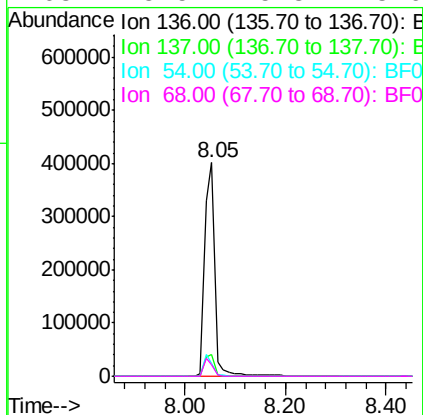
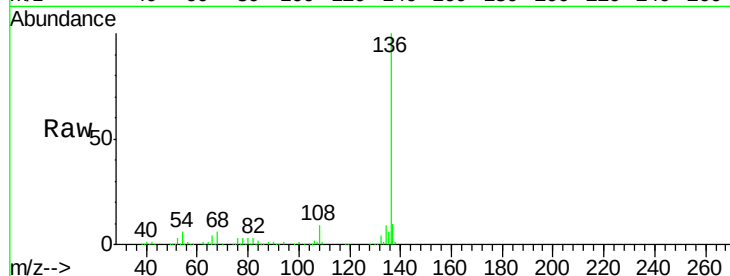




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF090919.D
Acq: 28 Oct 2016 20:17

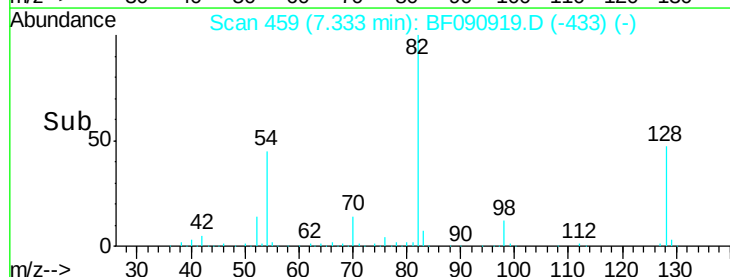
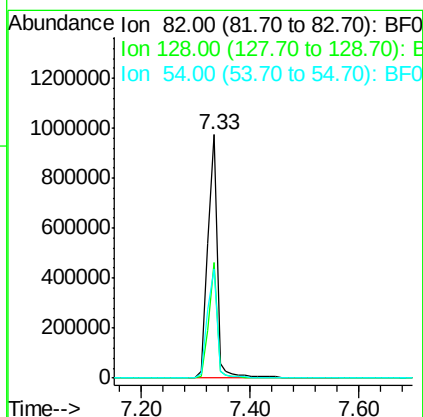
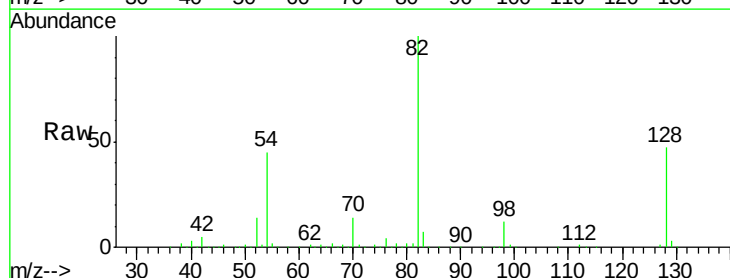
Instrument :
BNA_F
ClientSampleId :
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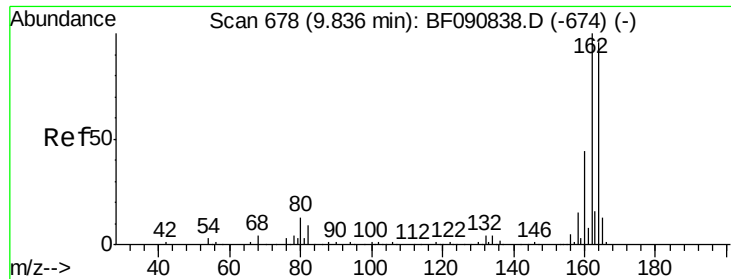
Tgt Ion:	136	Resp:	557532
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	6.2	8.2	12.2#
68	5.5	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 138.93 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF090919.D
Acq: 28 Oct 2016 20:17

Tgt Ion:	82	Resp:	1183248
Ion	Ratio	Lower	Upper
82	100		
128	47.4	51.0	76.6#
54	44.6	47.5	71.3#

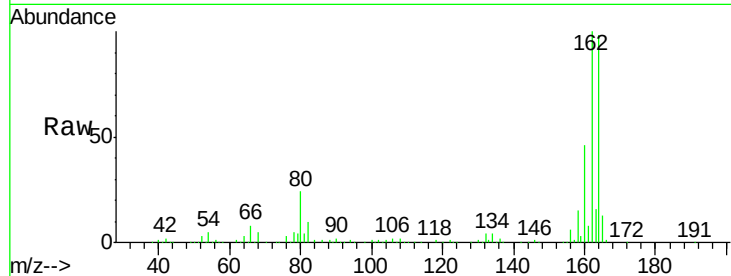




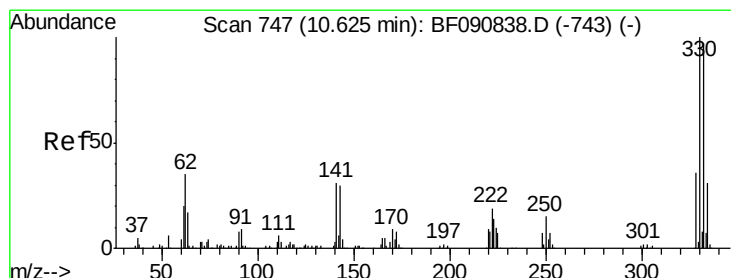
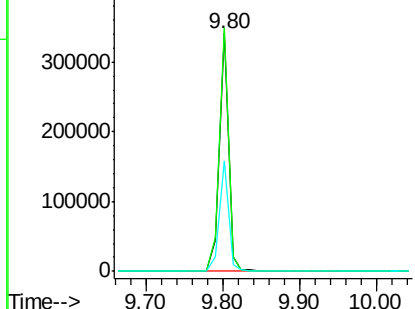
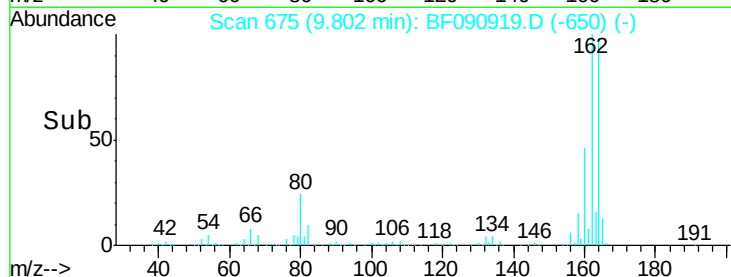
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF090919.D
Acq: 28 Oct 2016 20:17

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK

Tgt Ion:164 Resp: 285883
Ion Ratio Lower Upper
164 100
162 102.2 75.2 112.8
160 46.6 31.5 47.3

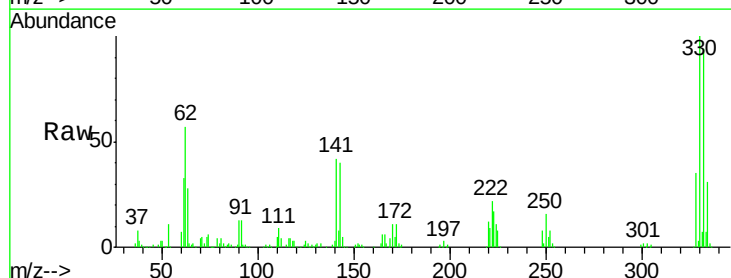


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

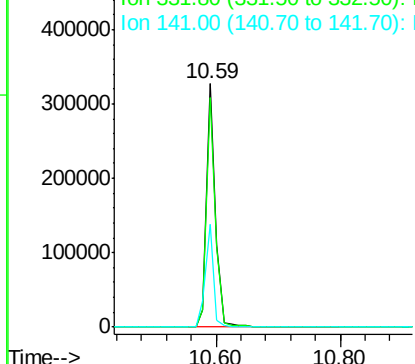
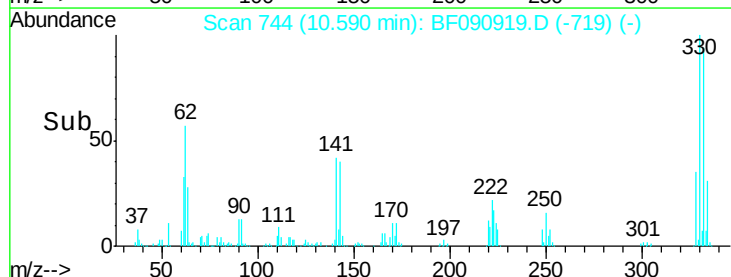


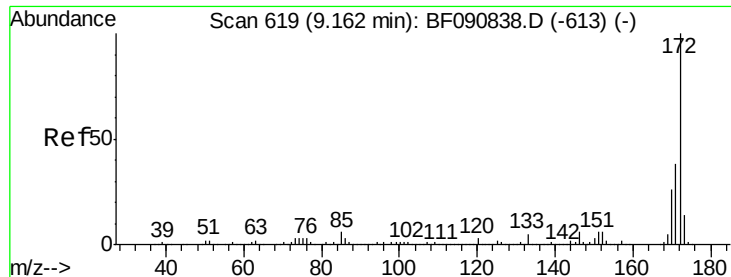
#41
2,4,6-Tribromophenol
Concen: 112.21 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090919.D
Acq: 28 Oct 2016 20:17

Tgt Ion:330 Resp: 329665
Ion Ratio Lower Upper
330 100
332 95.1 76.6 114.8
141 39.7 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

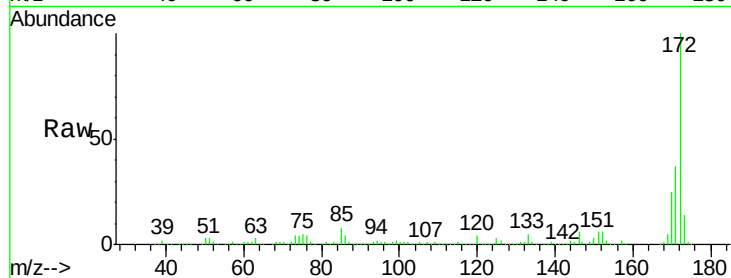




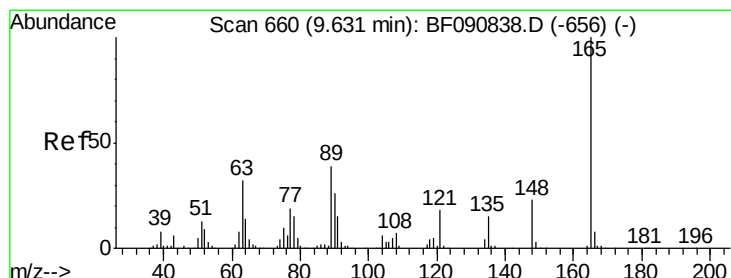
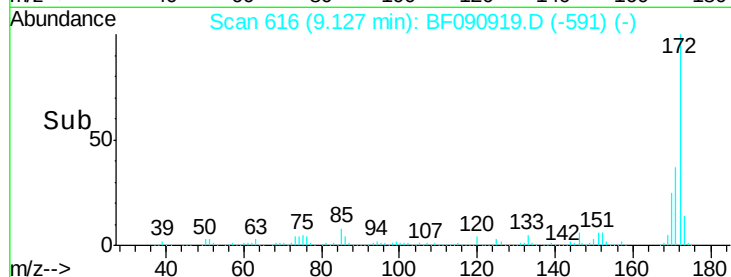
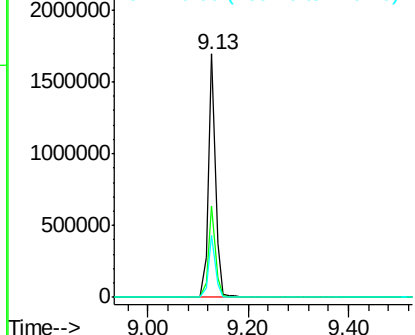
#44
 2-Fluorobiphenyl
 Concen: 102.65 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090919.D
 Acq: 28 Oct 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1671257
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 25.3 17.4 26.2

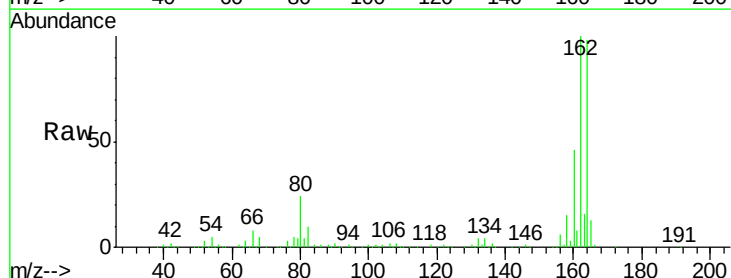


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

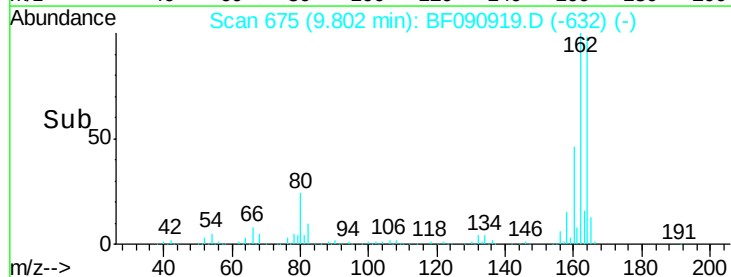
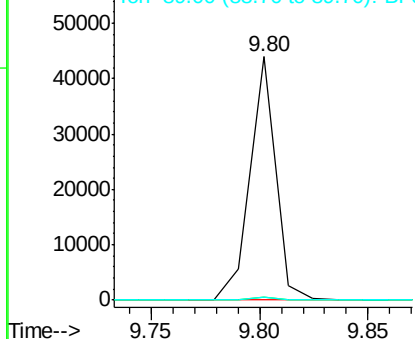


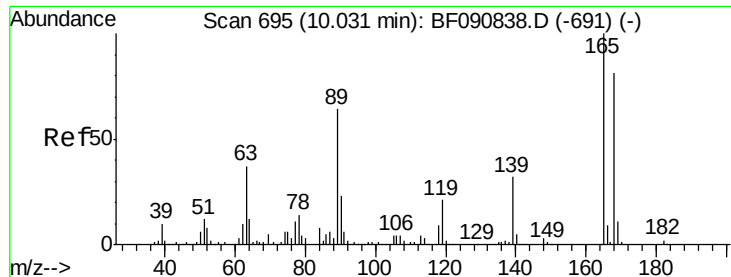
#50
 2,6-Dinitrotoluene
 Concen: 8.55 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF090919.D
 Acq: 28 Oct 2016 20:17

Tgt Ion:165 Resp: 36083
 Ion Ratio Lower Upper
 165 100
 63 1.0 32.3 48.5#
 89 1.0 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

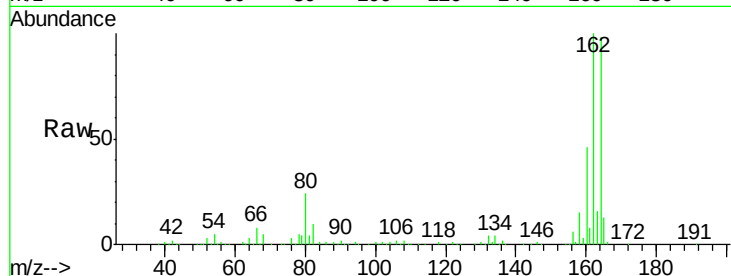




#56
 2,4-Dinitrotoluene
 Concen: 6.89 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF090919.D
 Acq: 28 Oct 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Tgt Ion:	165	Resp:	36084
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#

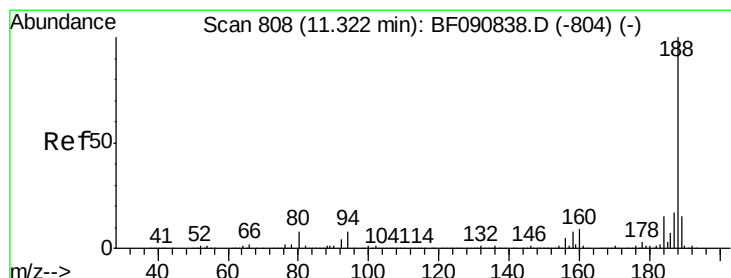
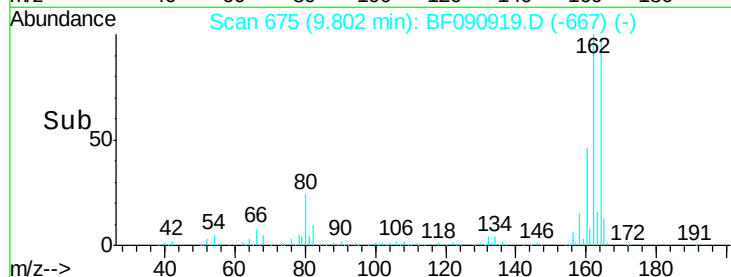
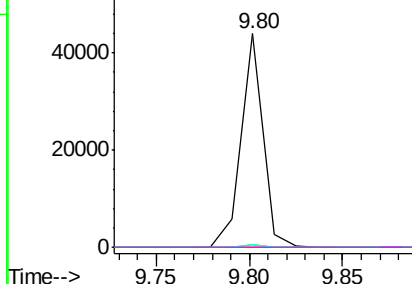


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

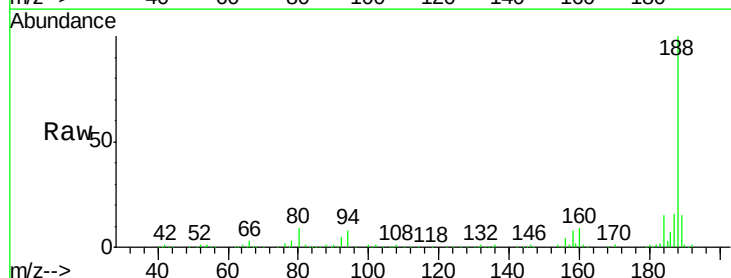
Ion 89.00 (88.70 to 89.70): BF0

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: BF090919.D
 Acq: 28 Oct 2016 20:17

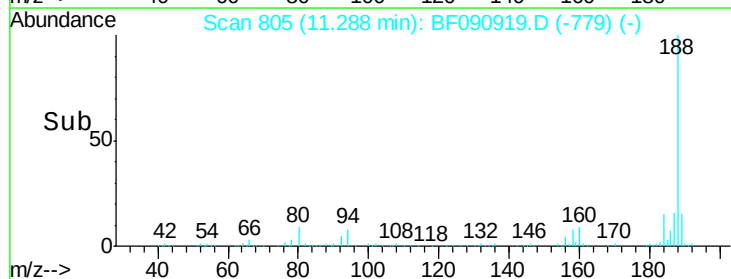
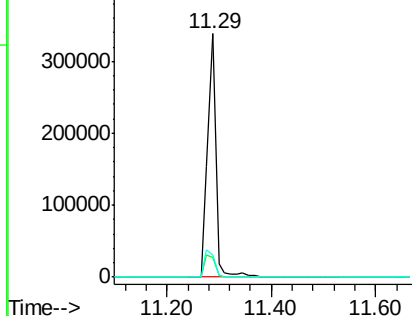
Tgt Ion:	188	Resp:	375235
Ion	Ratio	Lower	Upper
188	100		
94	8.3	11.1	16.7#
80	9.0	11.0	16.4#

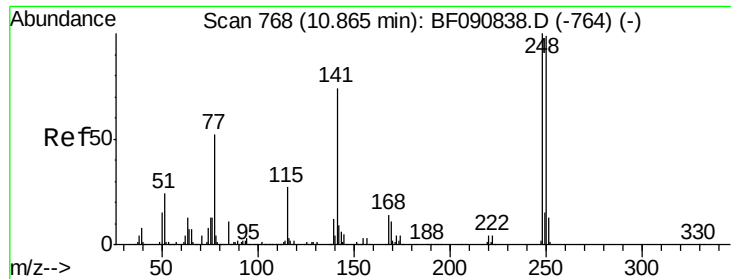


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

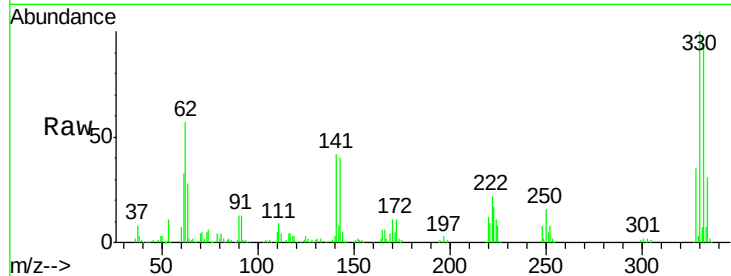




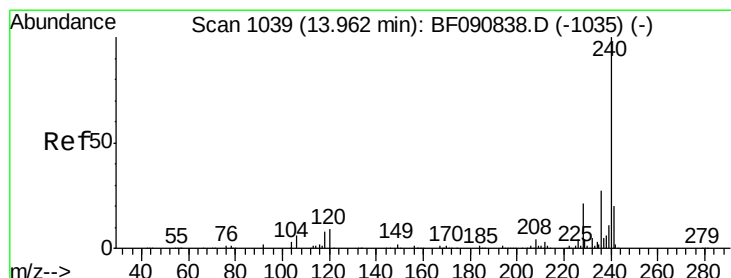
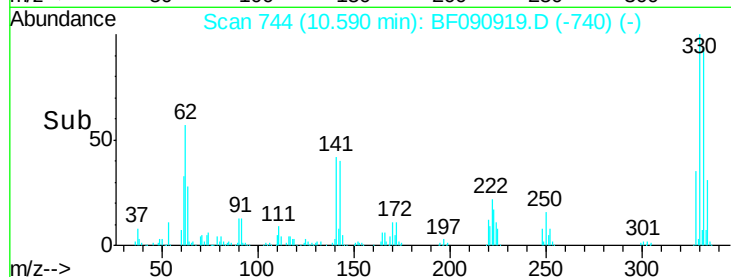
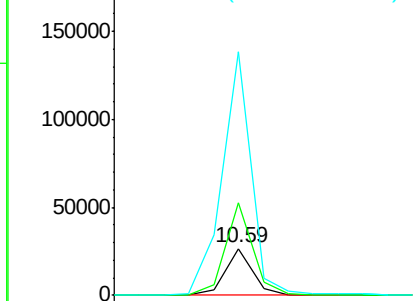
#66
 4-Bromophenyl-phenylether
 Concen: 5.59 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF090919.D
 Acq: 28 Oct 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK

Tgt Ion:248 Resp: 22973
 Ion Ratio Lower Upper
 248 100
 250 199.4 78.5 117.7#
 141 522.3 59.0 88.6#

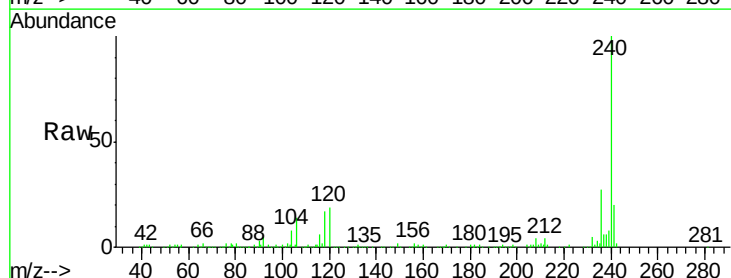


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

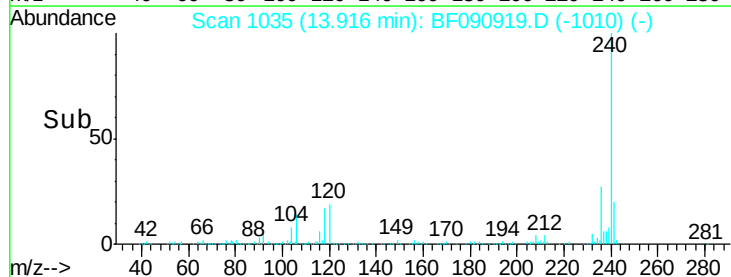
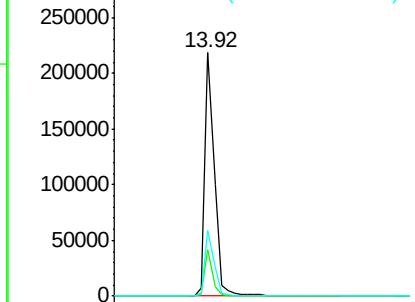


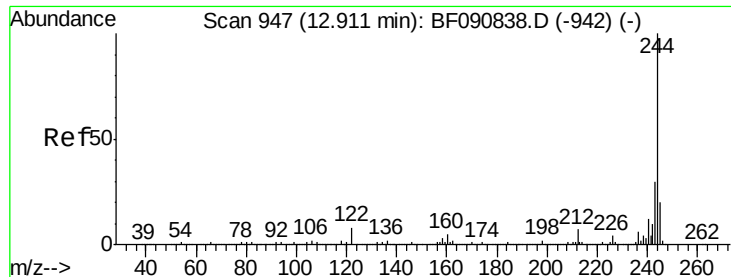
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090919.D
 Acq: 28 Oct 2016 20:17

Tgt Ion:240 Resp: 243551
 Ion Ratio Lower Upper
 240 100
 120 19.3 16.2 24.2
 236 27.1 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: 141.60 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090919.D

Acq: 28 Oct 2016 20:17

Instrument :

BNA_F

ClientSampleId :

EQUIP-BLANK

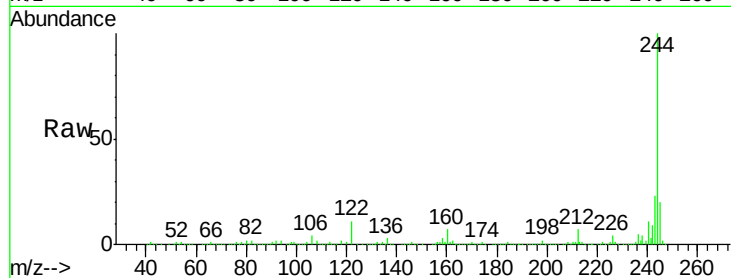
Tgt Ion:244 Resp: 1368903

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

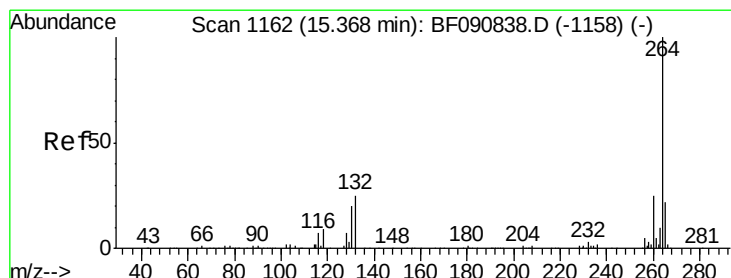
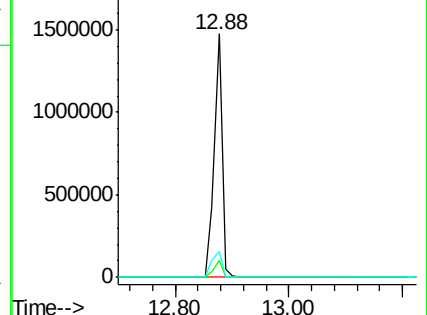
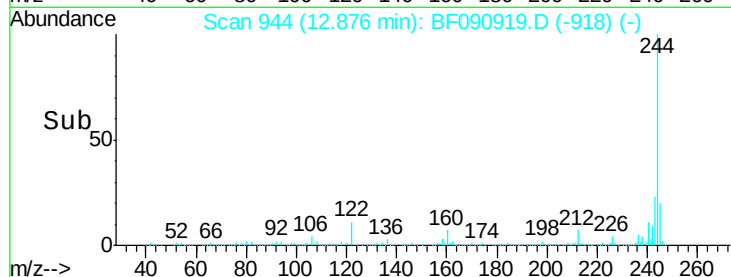
122 10.6 17.4 26.2#



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: BF090919.D

Acq: 28 Oct 2016 20:17

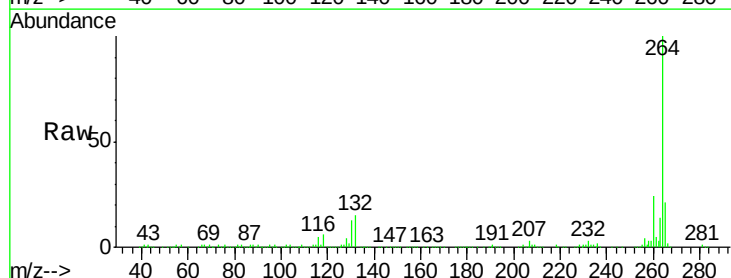
Tgt Ion:264 Resp: 286992

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

265 21.3 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

