

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
 Data File : BF091145.D
 Acq On : 11 Nov 2016 17:35
 Operator : UM/SJ
 Sample : PB94676BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BL

Quant Time: Nov 11 23:57:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

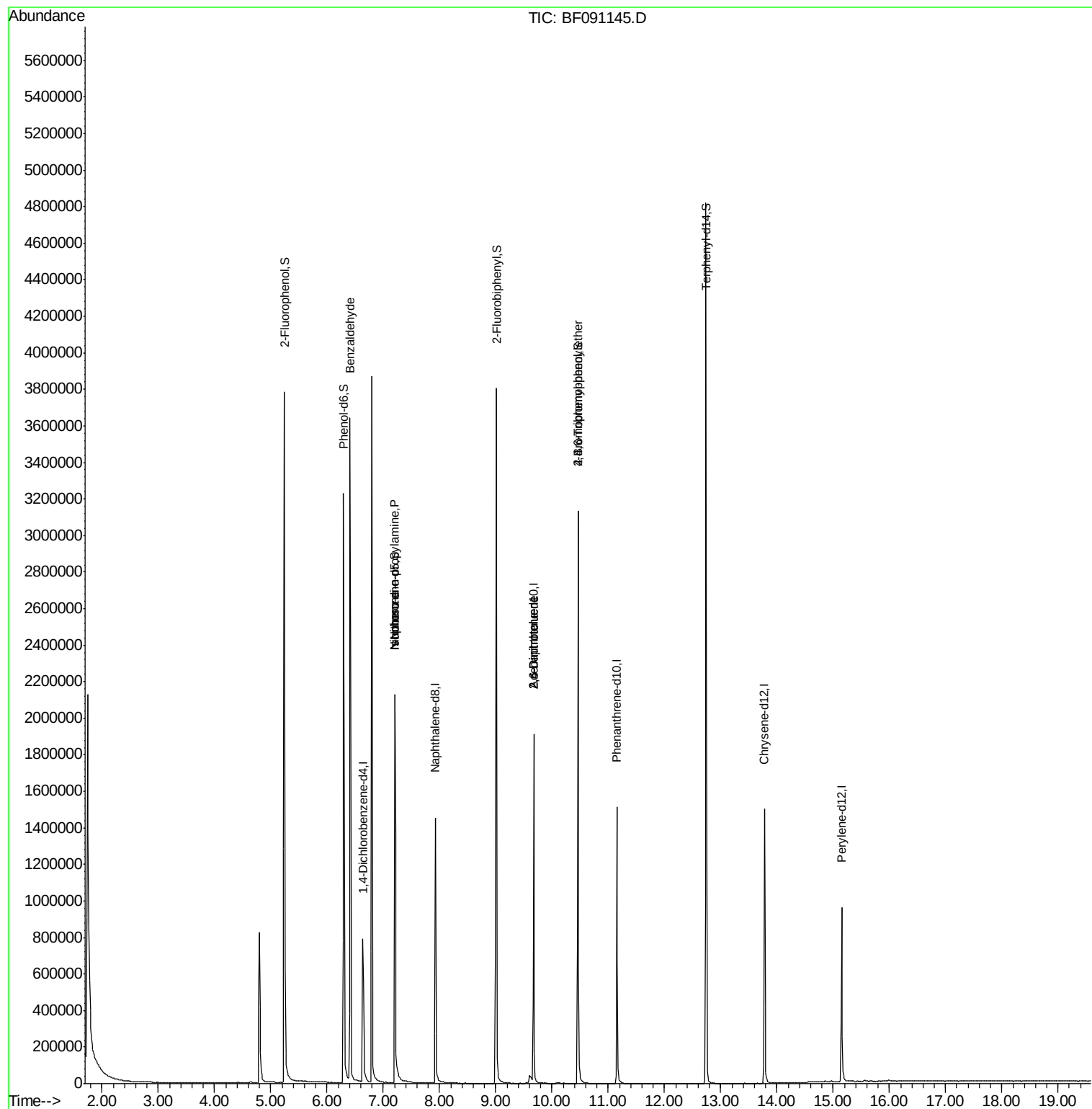
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	173726	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	741668	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	406148	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	640440	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	516012	20.00	ng	-0.03
86) Perylene-d12	15.15	264	400554	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1244055	118.27	ng	0.00
7) Phenol-d6	6.29	99	1633131	114.38	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1066390	78.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	419339	114.20	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1955936	82.91	ng	-0.02
78) Terphenyl-d14	12.74	244	1817738	87.91	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	29673	3.74	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.21	70	141923	14.34	ng	# 78
25) Isophorone	7.21	82	1010170	38.56	ng	# 67
50) 2,6-Dinitrotoluene	9.68	165	52513	9.20	ng	# 11
56) 2,4-Dinitrotoluene	9.68	165	52514	7.23	ng	# 26
66) 4-Bromophenyl-phenylether	10.46	248	28347	4.26	ng	# 1

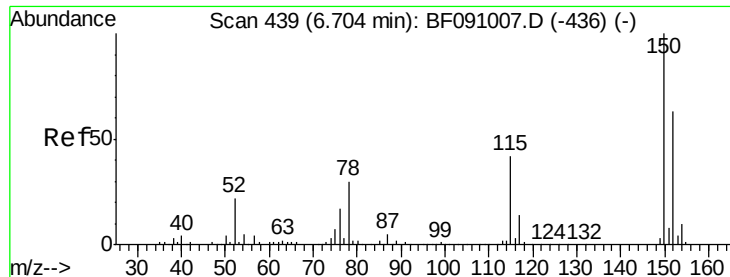
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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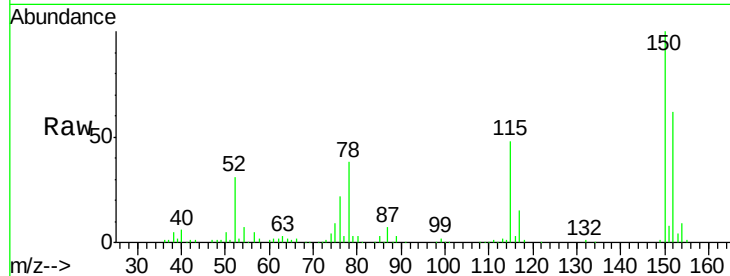


#1

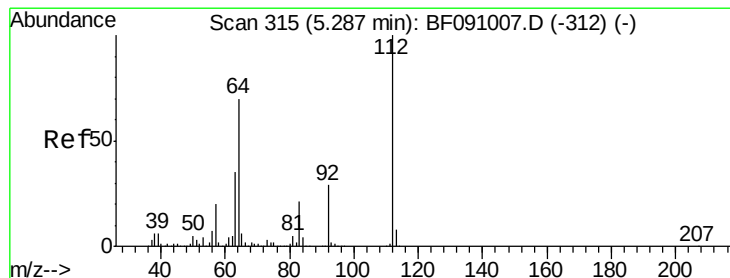
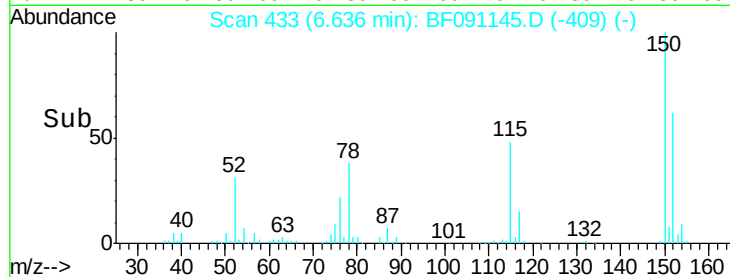
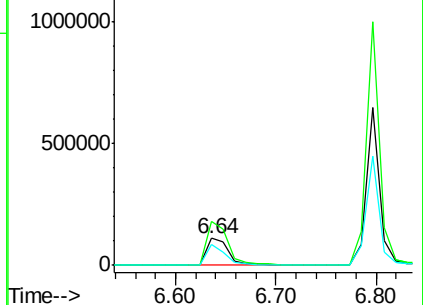
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091145.D
Acq: 11 Nov 2016 17:35

Instrument :
BNA_F
ClientSampleId :
PB94676BL

Tgt Ion:152 Resp: 173726
Ion Ratio Lower Upper
152 100
150 162.1 126.8 190.2
115 77.4 53.3 79.9



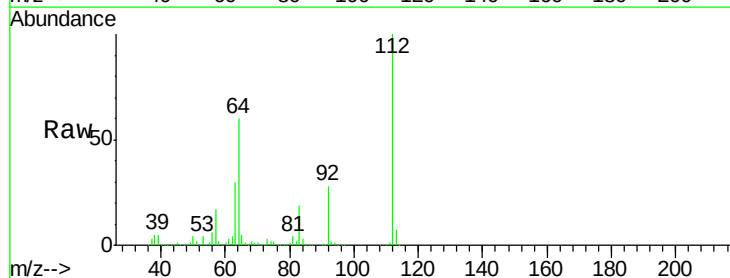
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



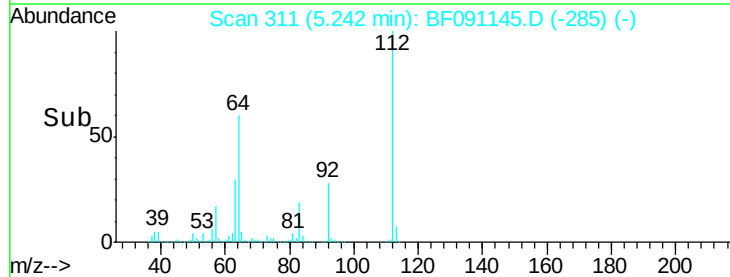
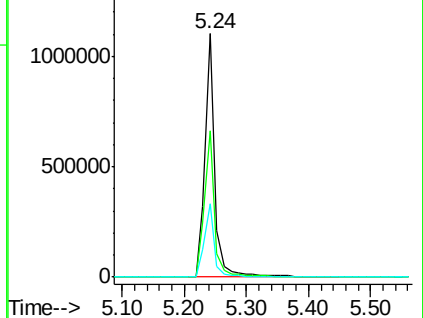
#5

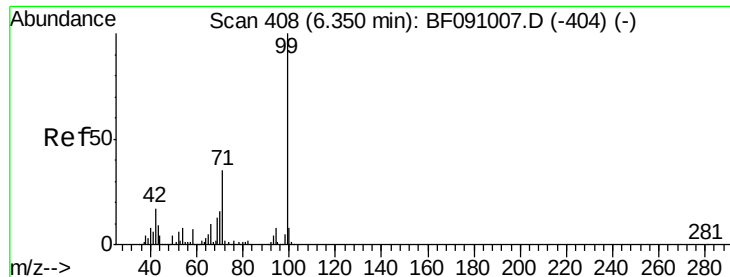
2-Fluorophenol
Concen: 118.27 ng
RT: 5.24 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF091145.D
Acq: 11 Nov 2016 17:35

Tgt Ion:112 Resp: 1244055
Ion Ratio Lower Upper
112 100
64 59.9 55.8 83.6
63 30.0 28.0 42.0



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: 114.38 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091145.D

Acq: 11 Nov 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PB94676BL

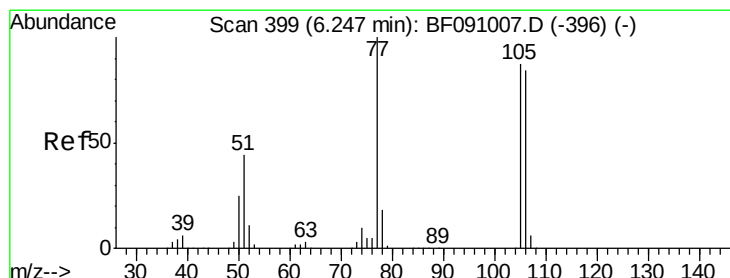
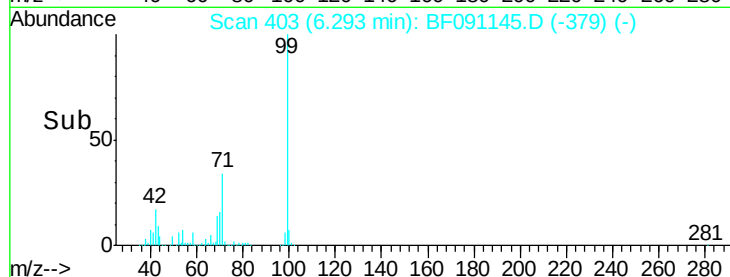
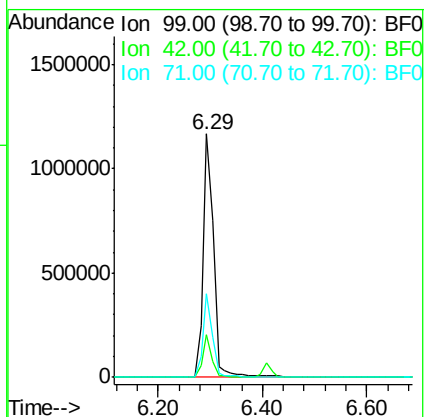
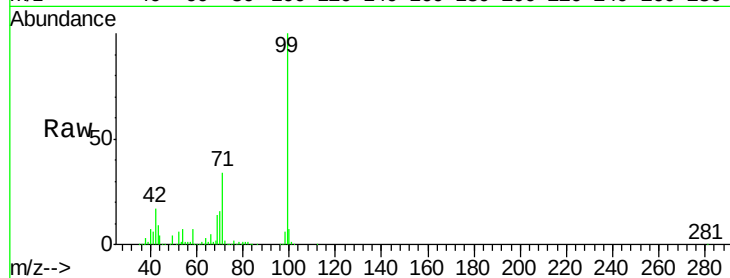
Tgt Ion: 99 Resp: 1633131

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

71 34.4 27.8 41.8



#9

Benzaldehyde

Concen: 3.74 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF091145.D

Acq: 11 Nov 2016 17:35

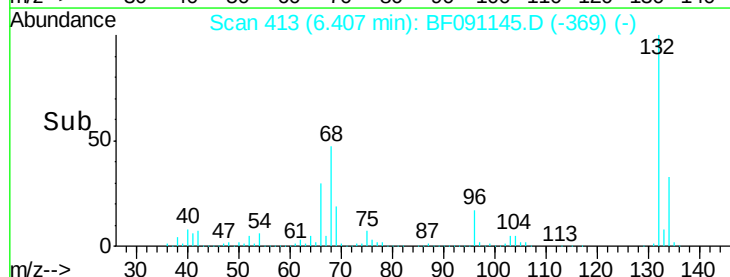
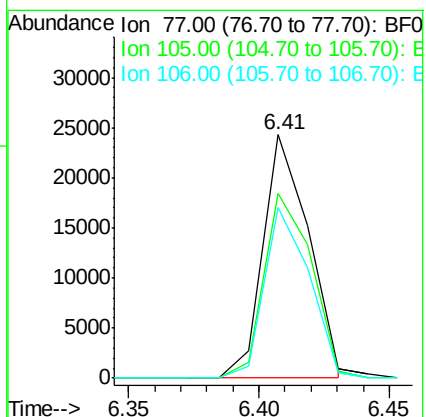
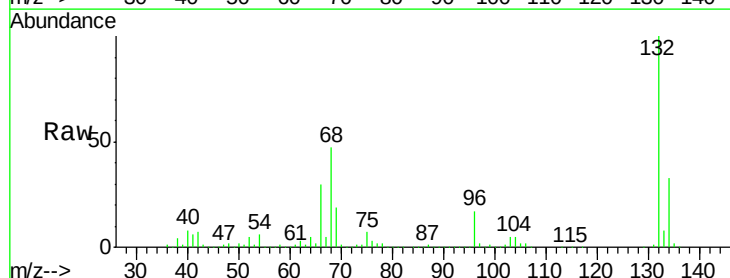
Tgt Ion: 77 Resp: 29673

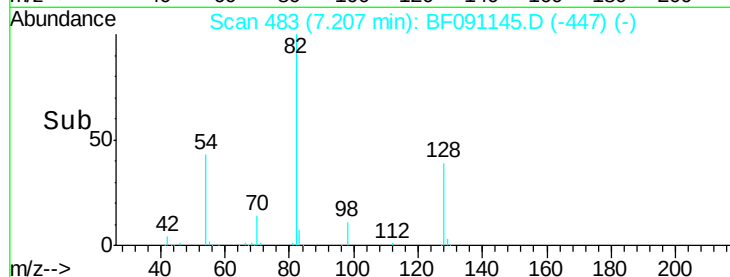
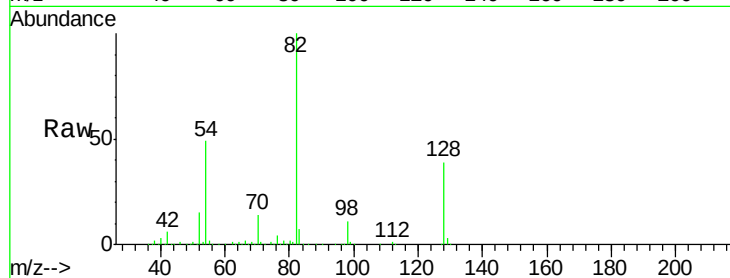
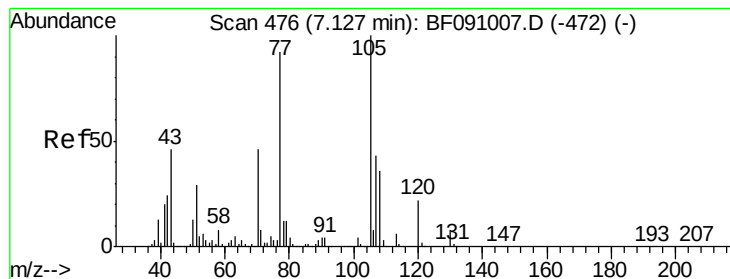
Ion Ratio Lower Upper

77 100

105 75.9 66.8 106.8

106 70.3 64.0 104.0





#19

n-Nitroso-di-n-propylamine

Concen: 14.34 ng

RT: 7.21 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF091145.D

Acq: 11 Nov 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PB94676BL

Tgt Ion: 70 Resp: 141923

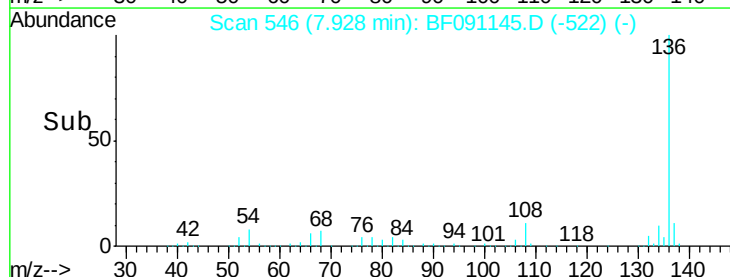
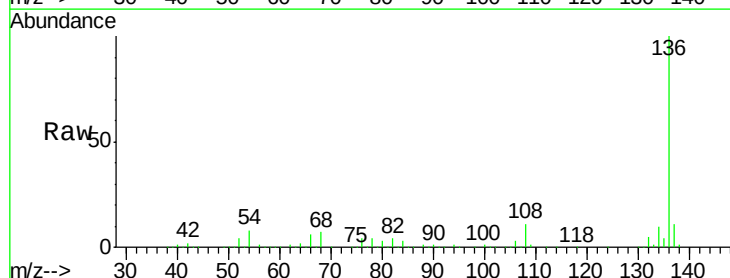
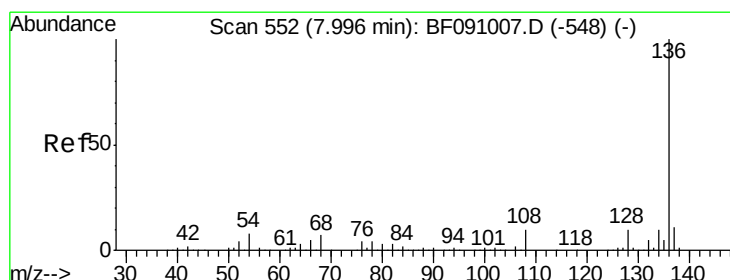
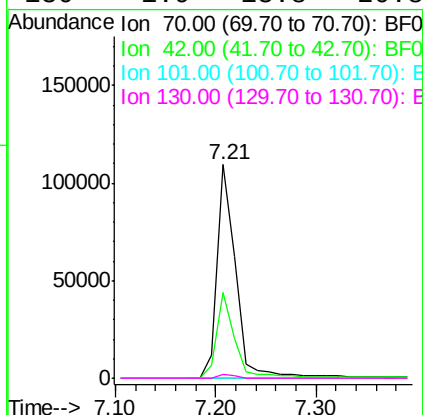
Ion Ratio Lower Upper

70 100

42 40.3 41.7 62.5#

101 0.0 6.7 10.1#

130 1.9 13.8 20.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091145.D

Acq: 11 Nov 2016 17:35

Tgt Ion: 136 Resp: 741668

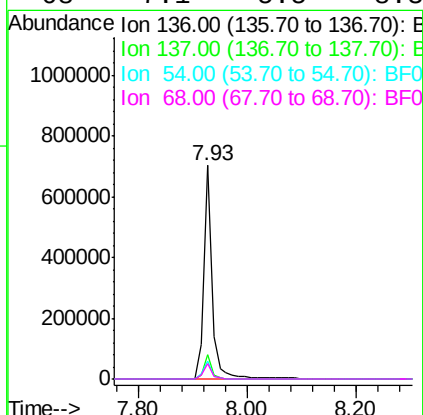
Ion Ratio Lower Upper

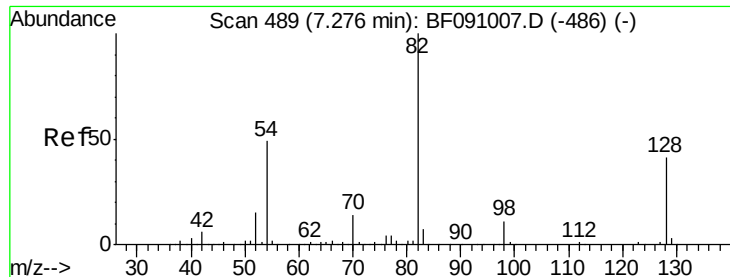
136 100

137 11.3 8.9 13.3

54 8.5 6.2 9.2

68 7.1 5.5 8.3

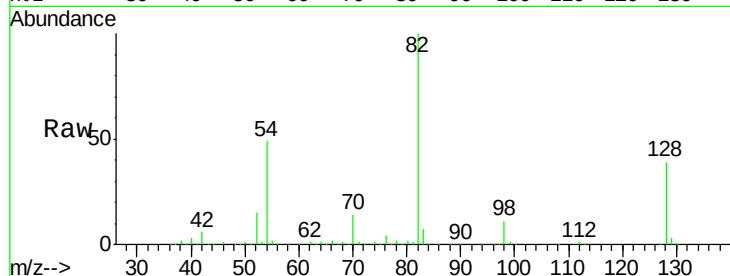




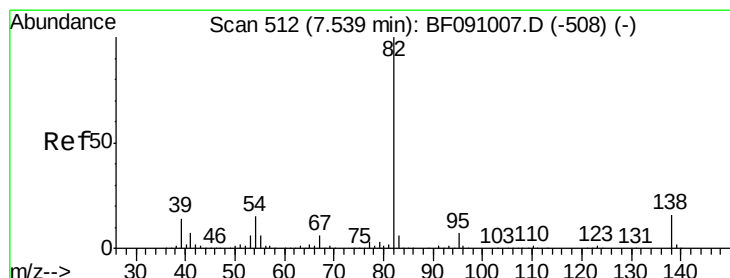
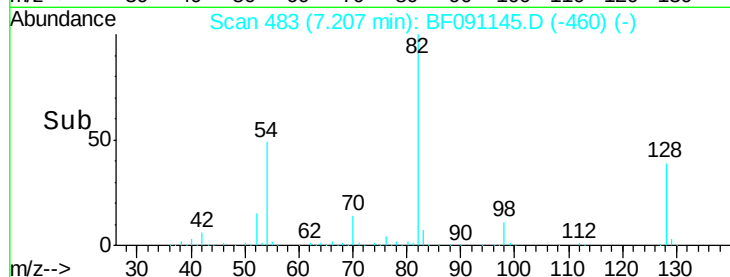
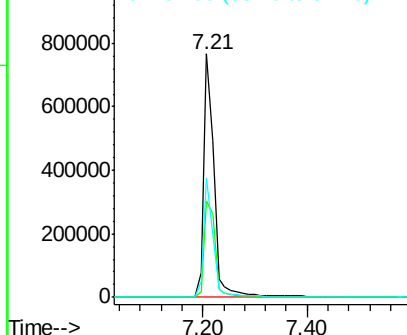
#23
 Nitrobenzene-d5
 Concen: 78.43 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF091145.D
 Acq: 11 Nov 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BL

Tgt Ion: 82 Resp: 1066390
 Ion Ratio Lower Upper
 82 100
 128 39.5 32.4 48.6
 54 49.1 39.2 58.8

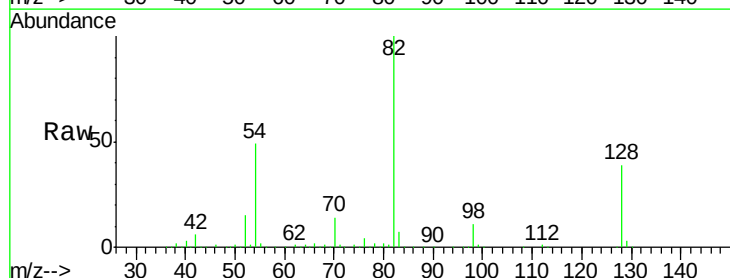


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

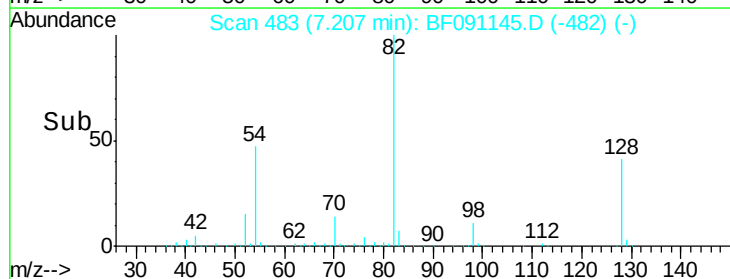
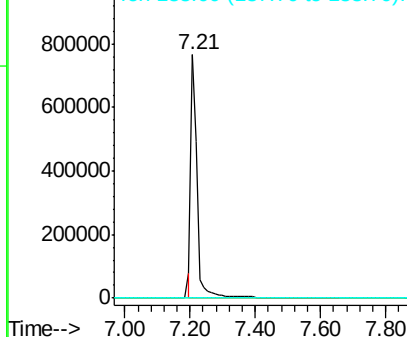


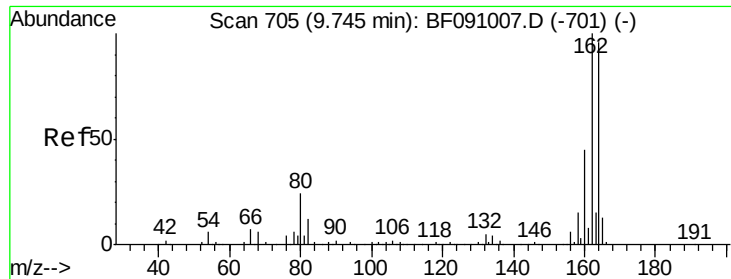
#25
 Isophorone
 Concen: 38.56 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.29 min
 Lab File: BF091145.D
 Acq: 11 Nov 2016 17:35

Tgt Ion: 82 Resp: 1010170
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 13.0 19.4#



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: 9.68 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF091145.D

Acq: 11 Nov 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PB94676BL

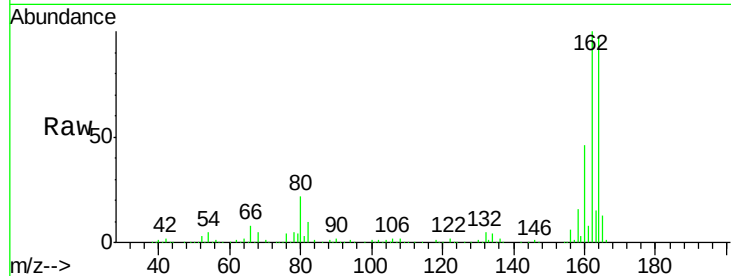
Tgt Ion:164 Resp: 406148

Ion Ratio Lower Upper

164 100

162 103.1 83.6 125.4

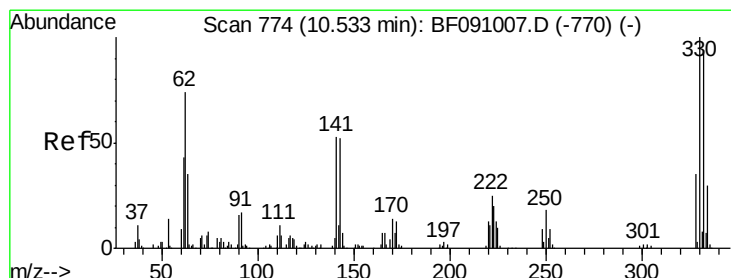
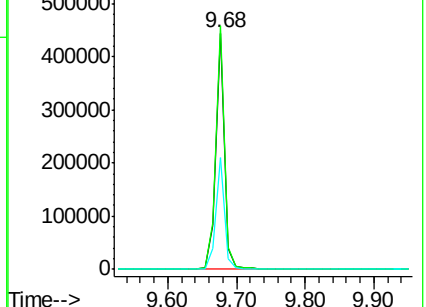
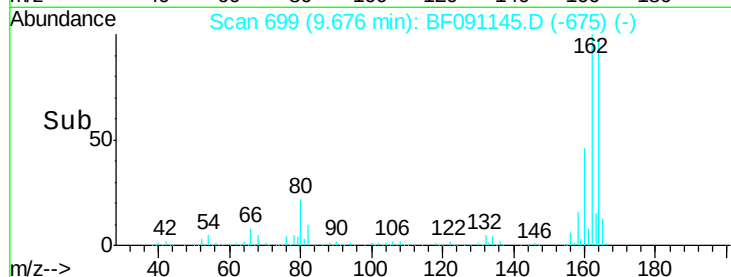
160 47.6 37.9 56.9



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: 114.20 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF091145.D

Acq: 11 Nov 2016 17:35

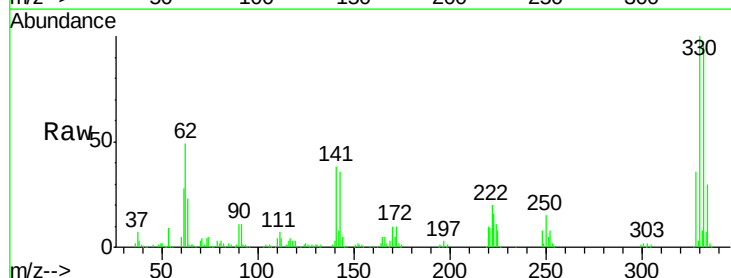
Tgt Ion:330 Resp: 419339

Ion Ratio Lower Upper

330 100

332 95.5 75.9 113.9

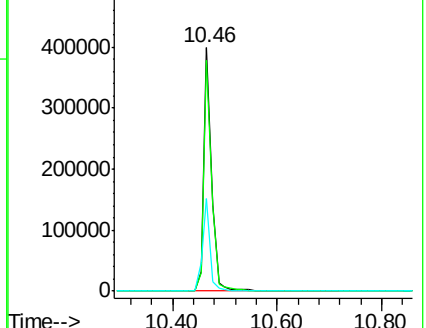
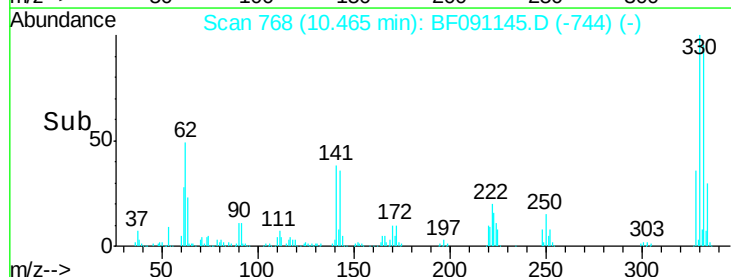
141 37.4 36.1 54.1

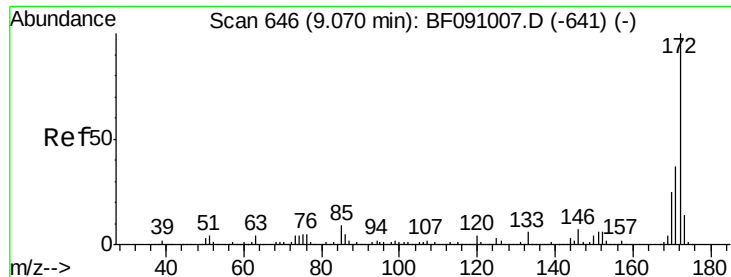


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

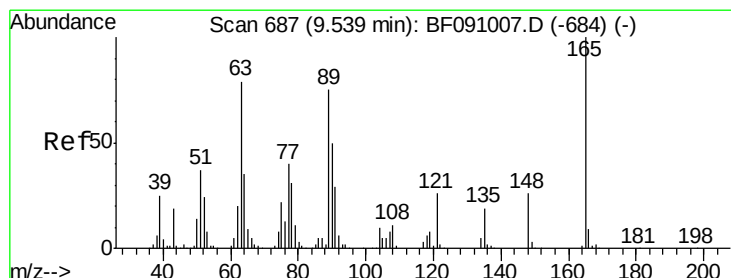
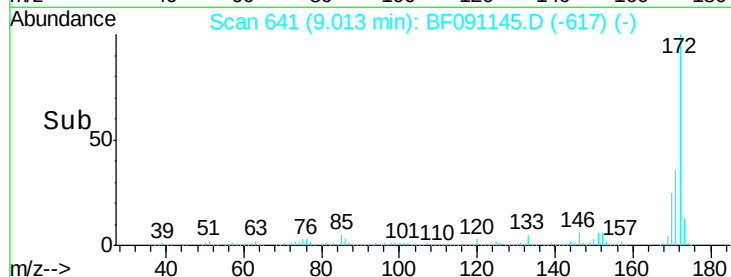
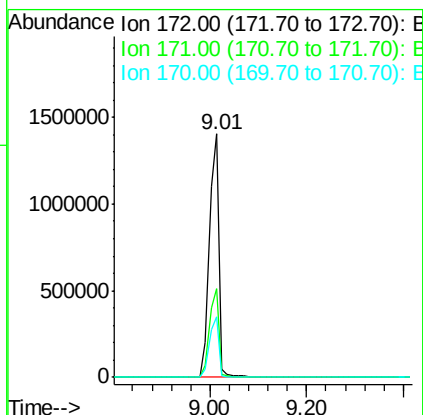
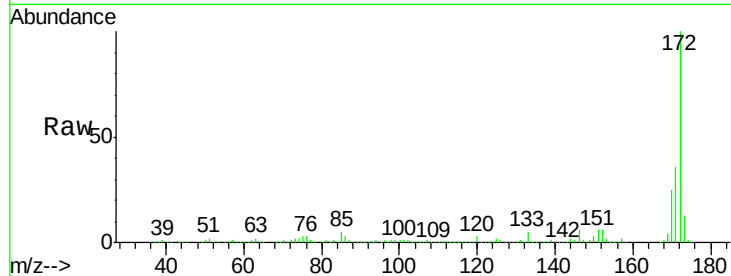




#44
 2-Fluorobiphenyl
 Concen: 82.91 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091145.D
 Acq: 11 Nov 2016 17:35

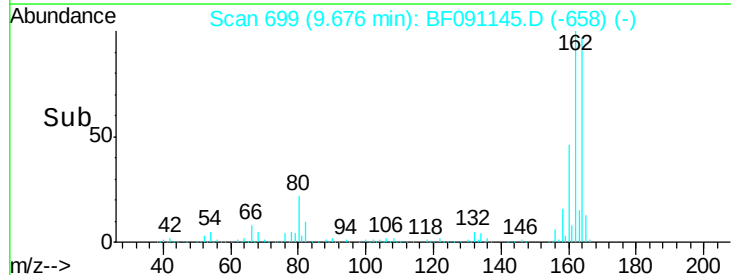
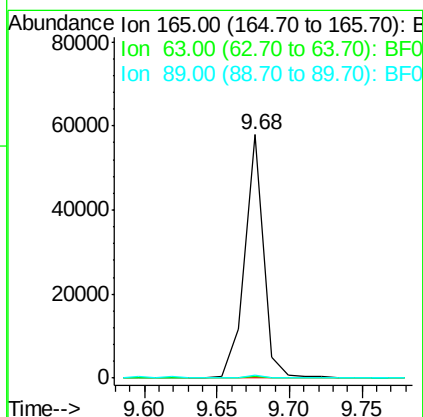
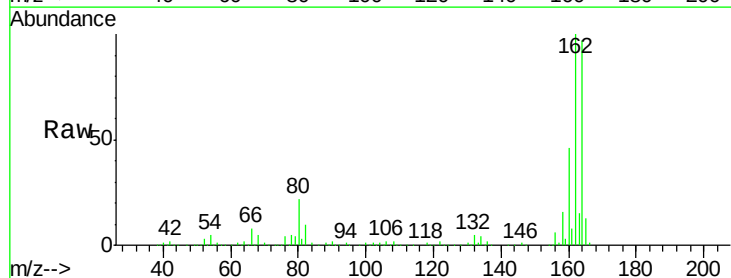
Instrument :
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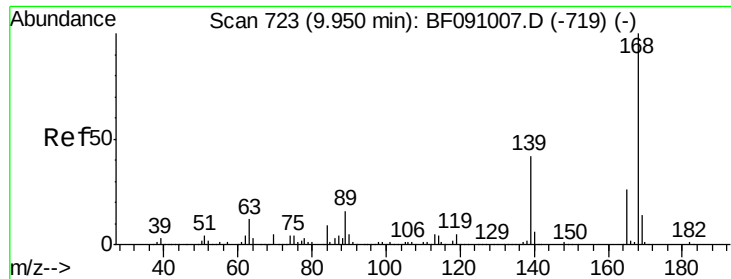
Tgt Ion:172 Resp: 1955936
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.8 44.6
 170 24.9 20.3 30.5



#50
 2,6-Dinitrotoluene
 Concen: 9.20 ng
 RT: 9.68 min Scan# 699
 Delta R.T. 0.17 min
 Lab File: BF091145.D
 Acq: 11 Nov 2016 17:35

Tgt Ion:165 Resp: 52513
 Ion Ratio Lower Upper
 165 100
 63 1.0 65.6 98.4#
 89 1.3 59.8 89.6#

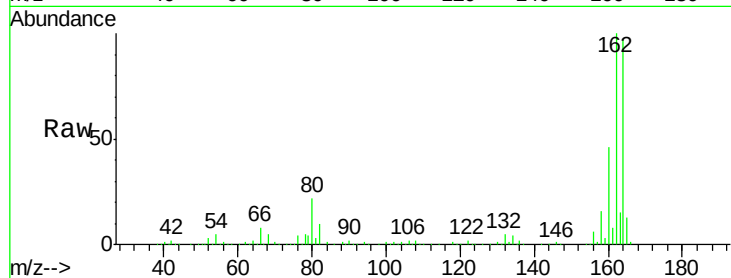




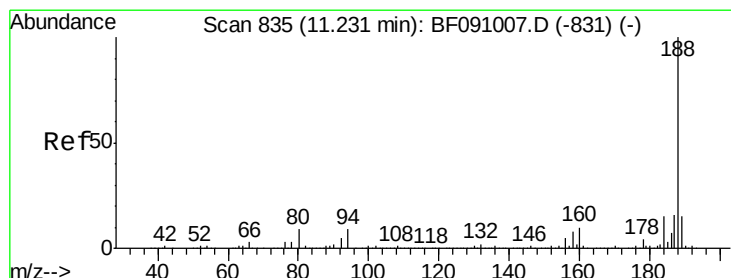
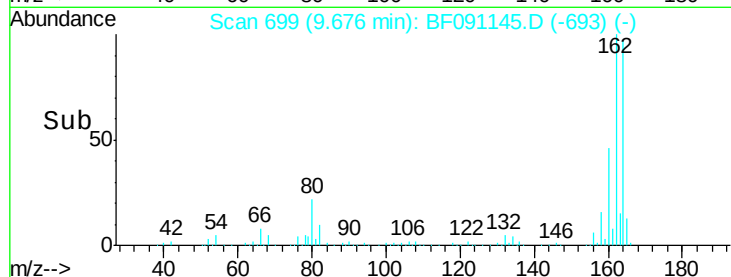
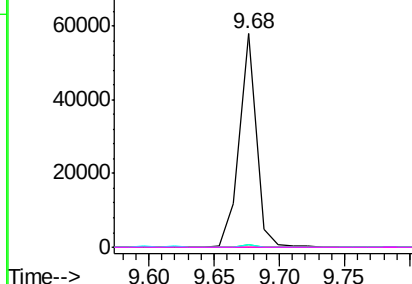
#56
 2,4-Dinitrotoluene
 Concen: 7.23 ng
 RT: 9.68 min Scan# 699
 Delta R.T. -0.23 min
 Lab File: BF091145.D
 Acq: 11 Nov 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BL

Tgt Ion:165 Resp: 52514
 Ion Ratio Lower Upper
 165 100
 63 1.0 38.7 58.1#
 89 1.3 50.6 76.0#
 182 0.0 1.8 2.8#

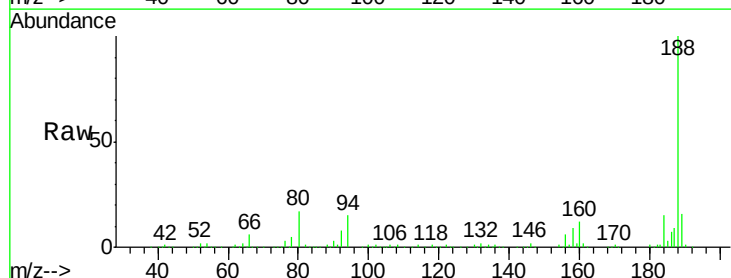


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

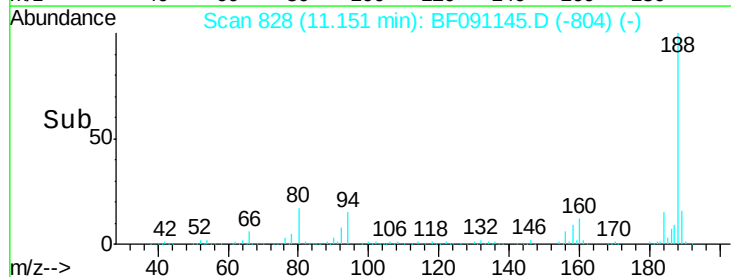
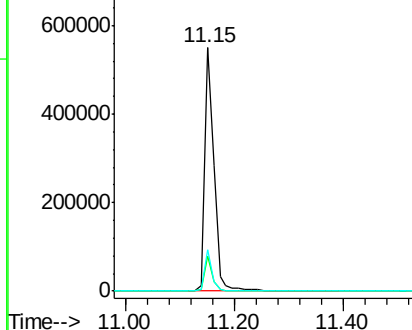


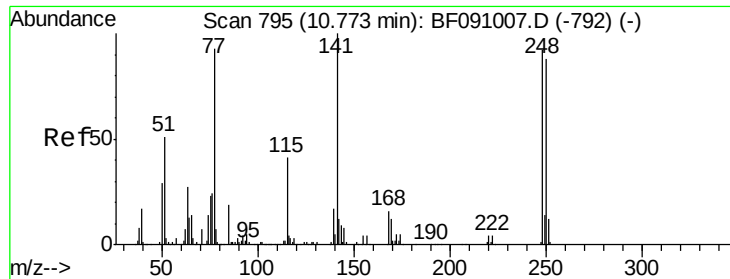
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF091145.D
 Acq: 11 Nov 2016 17:35

Tgt Ion:188 Resp: 640440
 Ion Ratio Lower Upper
 188 100
 94 14.5 7.0 10.4#
 80 16.8 7.5 11.3#



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

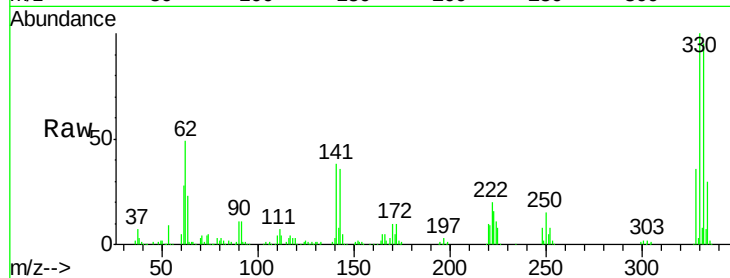




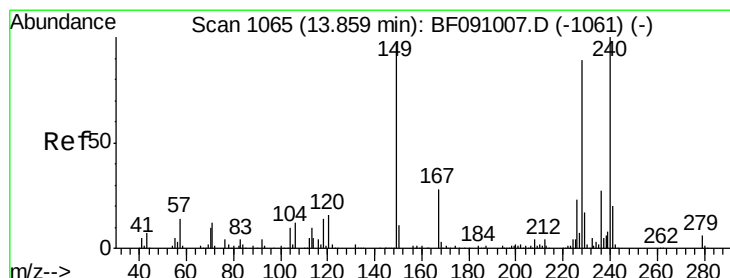
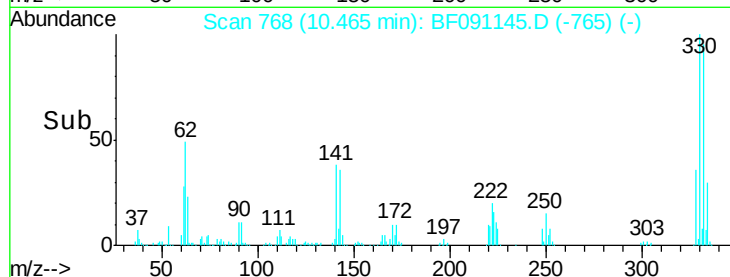
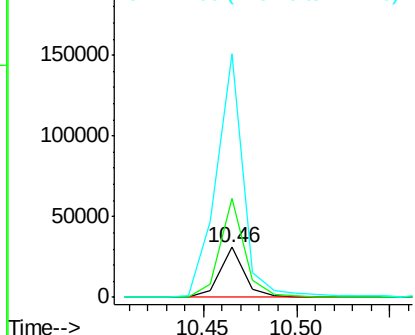
#66
 4-Bromophenyl-phenylether
 Concen: 4.26 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.26 min
 Lab File: BF091145.D
 Acq: 11 Nov 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BL

Tgt Ion:248 Resp: 28347
 Ion Ratio Lower Upper
 248 100
 250 197.2 76.3 114.5#
 141 484.1 86.8 130.2#

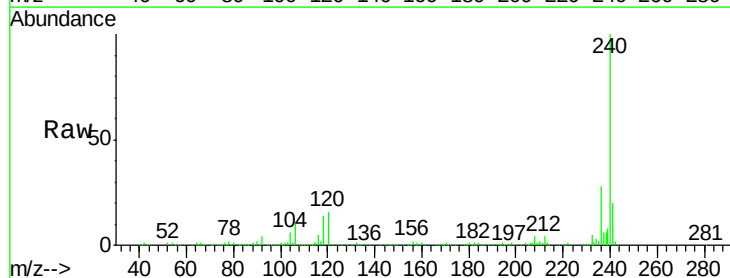


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

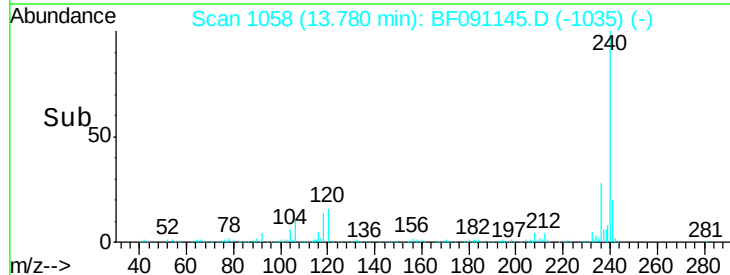
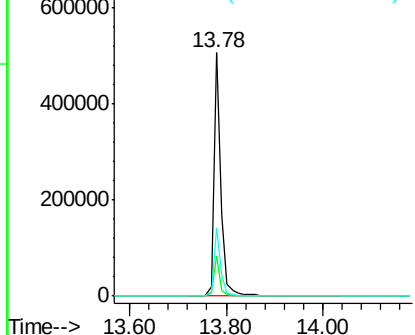


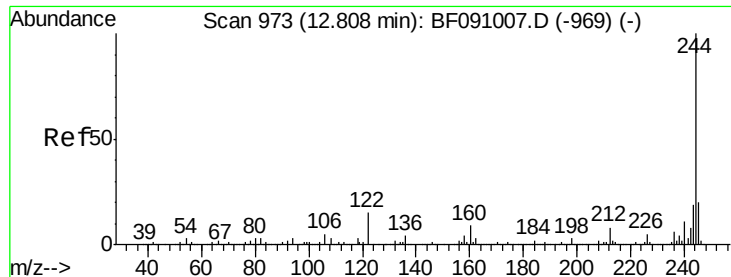
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.03 min
 Lab File: BF091145.D
 Acq: 11 Nov 2016 17:35

Tgt Ion:240 Resp: 516012
 Ion Ratio Lower Upper
 240 100
 120 16.5 12.9 19.3
 236 28.1 21.9 32.9



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

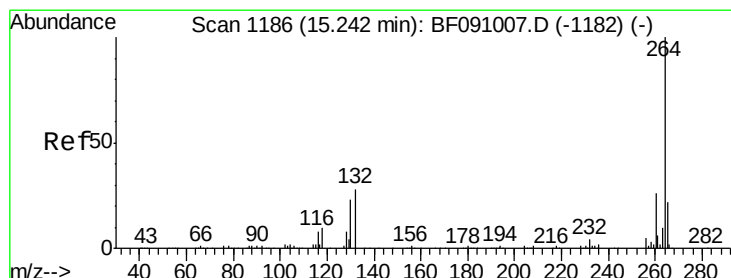
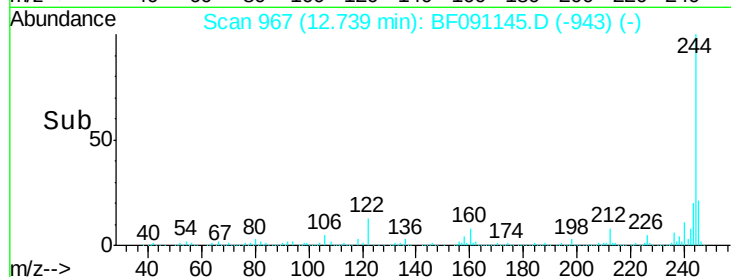
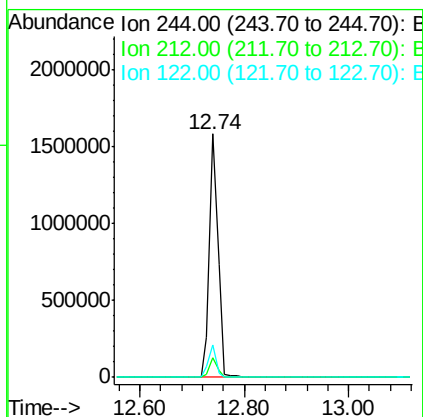
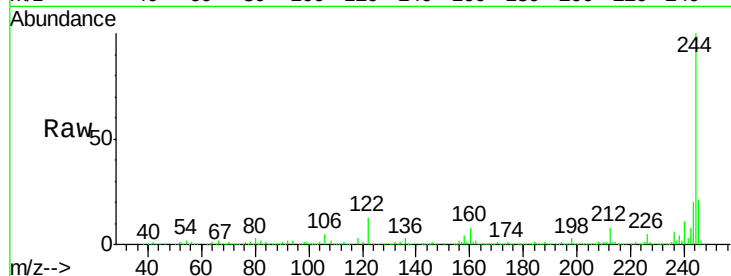




#78
 Terphenyl-d14
 Concen: 87.91 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091145.D
 Acq: 11 Nov 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BL

Tgt Ion:244 Resp: 1817738
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 13.4 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091145.D
 Acq: 11 Nov 2016 17:35

Tgt Ion:264 Resp: 400554
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.6 30.8
 265 22.0 17.8 26.8

