

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
 Data File : BF091149.D
 Acq On : 11 Nov 2016 19:24
 Operator : UM/SJ
 Sample : H5609-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

Quant Time: Nov 11 23:57:50 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

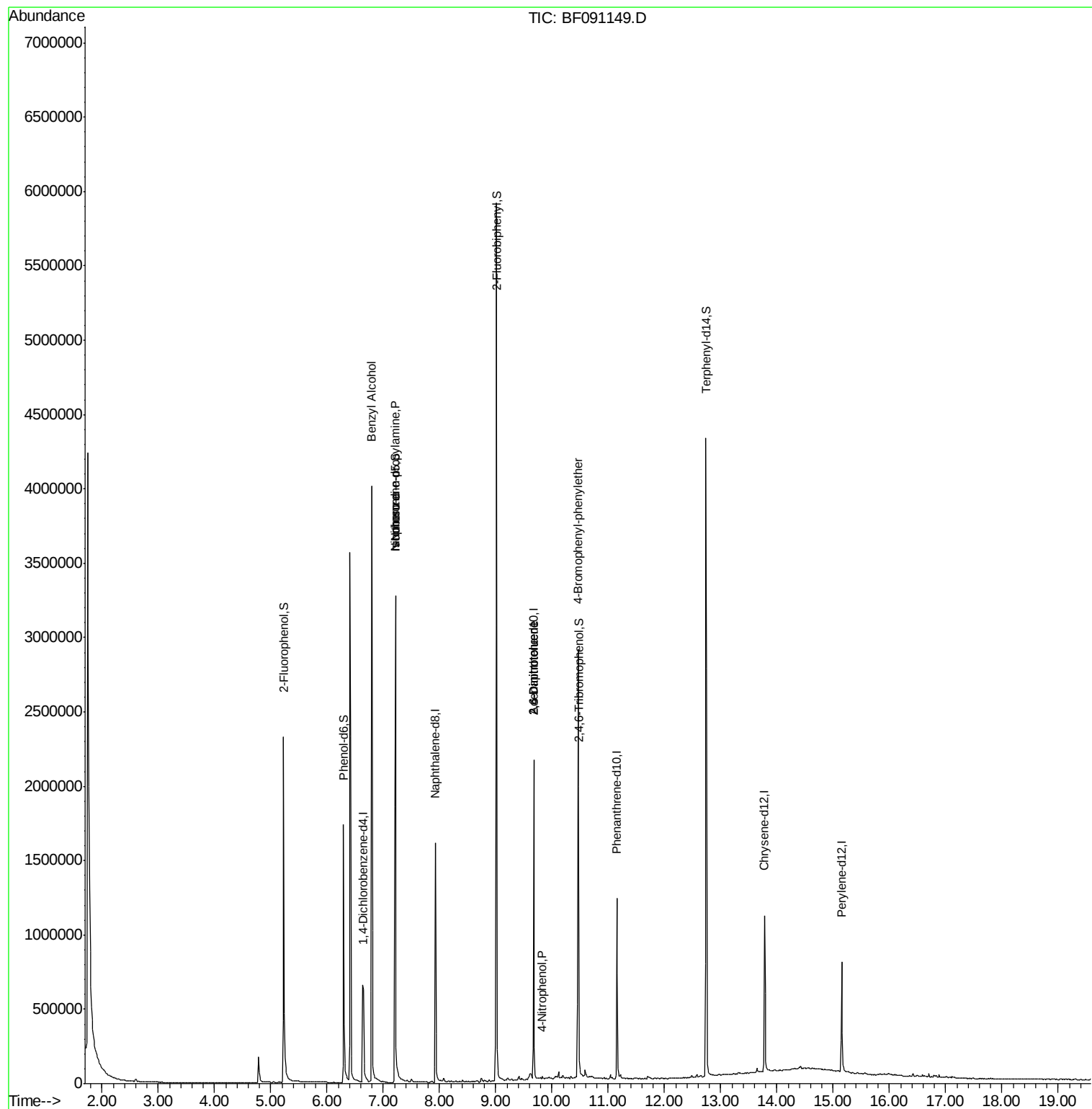
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	168893	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	752309	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	404619	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	544540	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	429419	20.00	ng	-0.03
86) Perylene-d12	15.15	264	316895	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	741249	72.48	ng	-0.01
7) Phenol-d6	6.29	99	667895	48.12	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1449831	105.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	563480	154.04	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2156807	91.77	ng	-0.02
78) Terphenyl-d14	12.74	244	1917035	111.40	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.80	79	20910	2.14	ng	# 56
19) n-Nitroso-di-n-propylamine	7.22	70	202980	21.10	ng	# 76
25) Isophorone	7.22	82	1419386	53.41	ng	# 67
50) 2,6-Dinitrotoluene	9.68	165	53985	9.49	ng	# 12
55) 4-Nitrophenol	9.82	139	1148	5.97	ng	# 48
56) 2,4-Dinitrotoluene	9.68	165	54193	7.49	ng	# 26
66) 4-Bromophenyl-phenylether	10.46	248	34323	6.06	ng	# 1

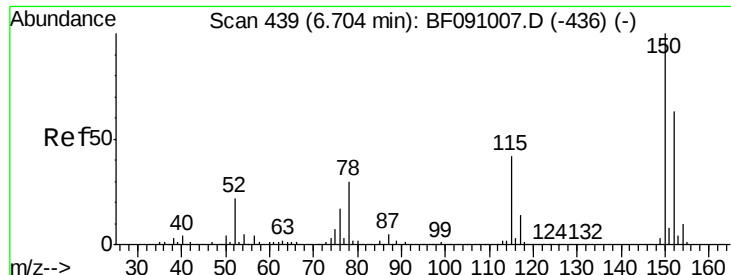
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

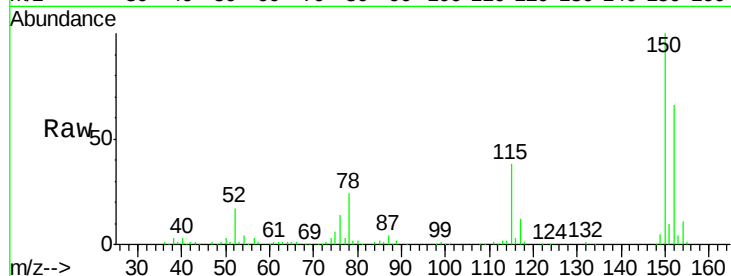
Tgt Ion:152 Resp: 168893

Ion Ratio Lower Upper

152 100

150 152.5 126.8 190.2

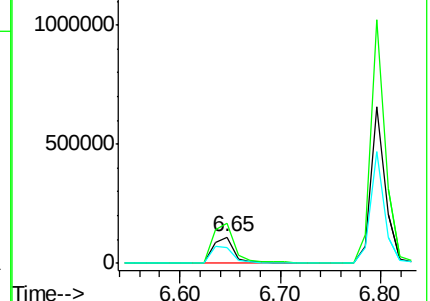
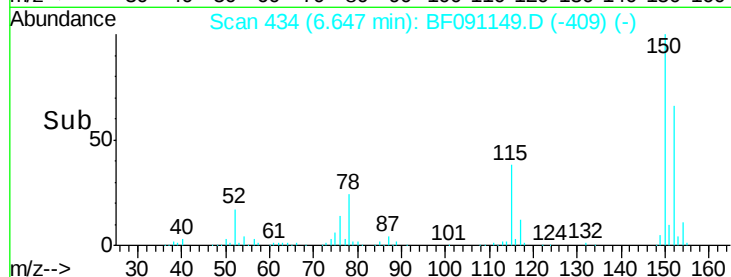
115 57.7 53.3 79.9



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: 72.48 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

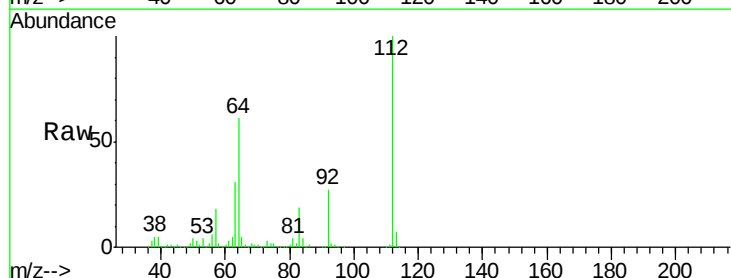
Tgt Ion:112 Resp: 741249

Ion Ratio Lower Upper

112 100

64 61.4 55.8 83.6

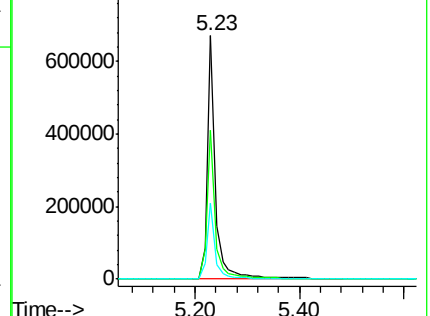
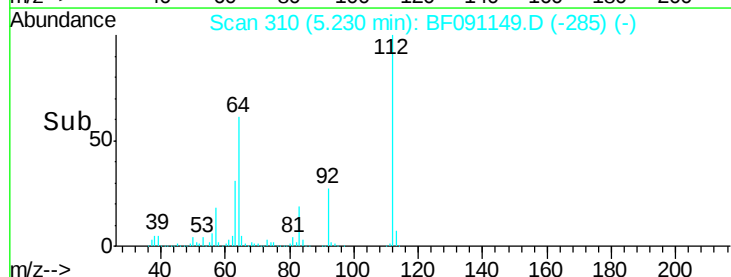
63 31.2 28.0 42.0



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: 48.12 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

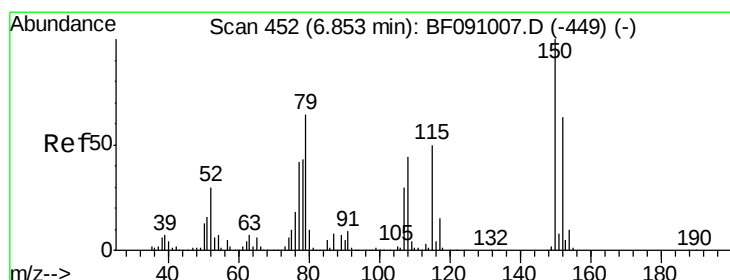
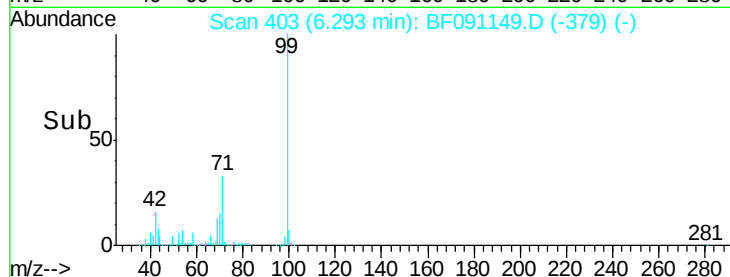
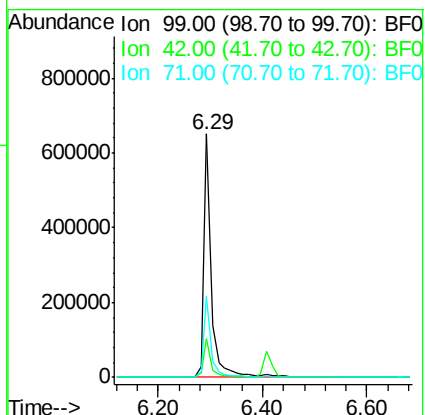
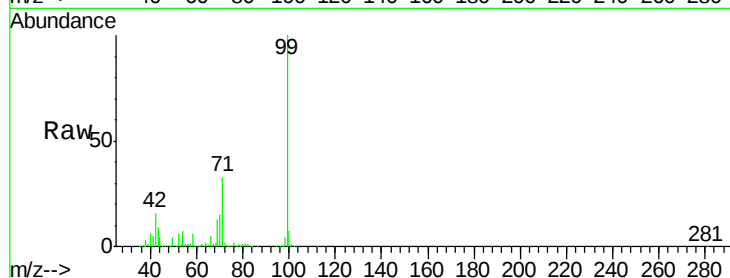
Tgt Ion: 99 Resp: 667895

Ion Ratio Lower Upper

99 100

42 16.0 13.9 20.9

71 33.5 27.8 41.8



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

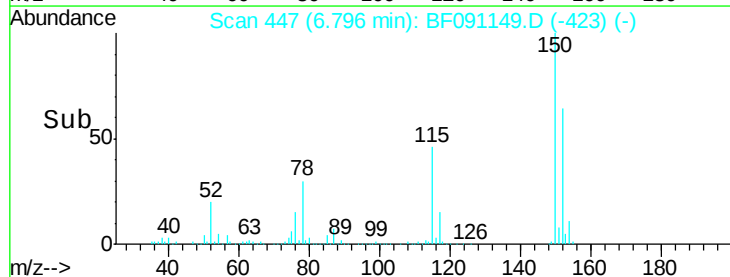
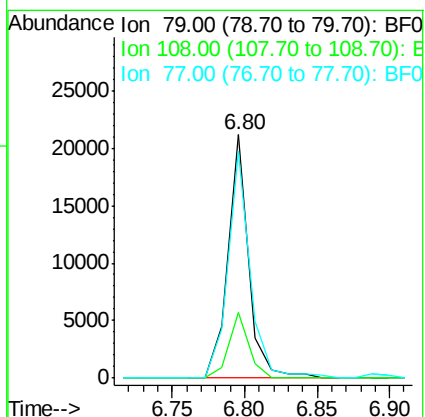
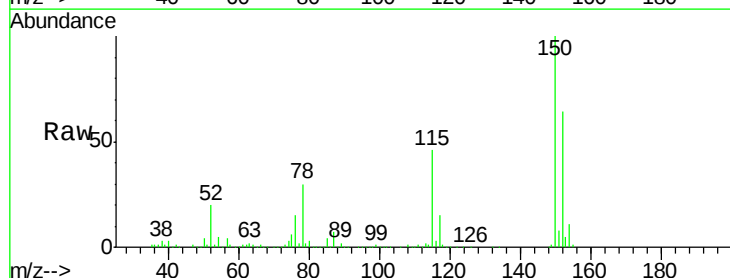
Tgt Ion: 79 Resp: 20910

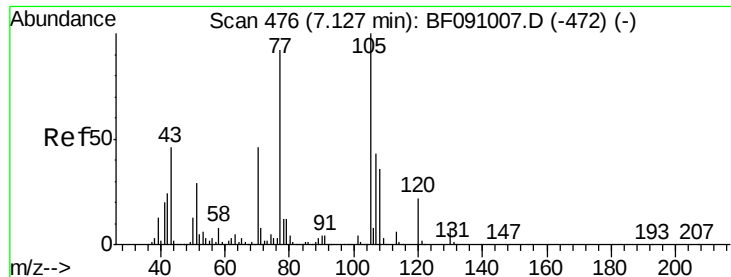
Ion Ratio Lower Upper

79 100

108 27.0 55.7 83.5#

77 93.2 52.6 79.0#

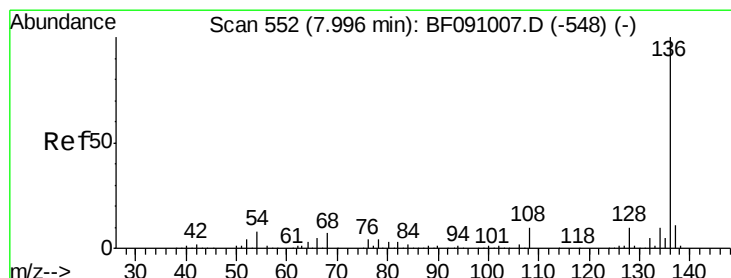
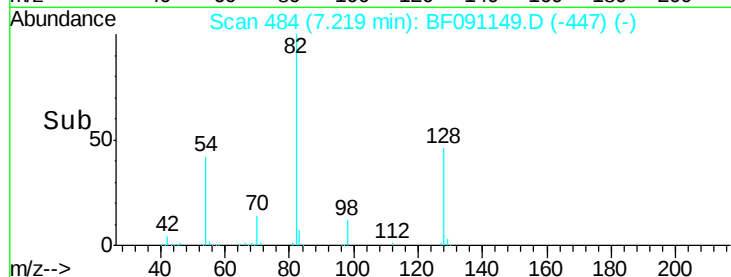
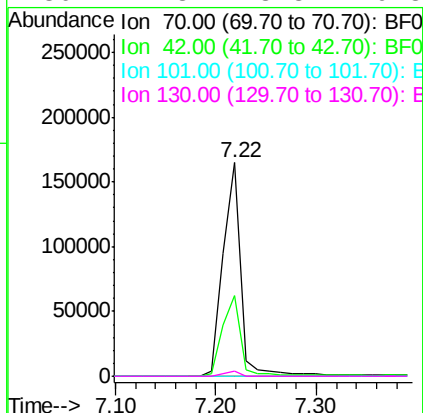
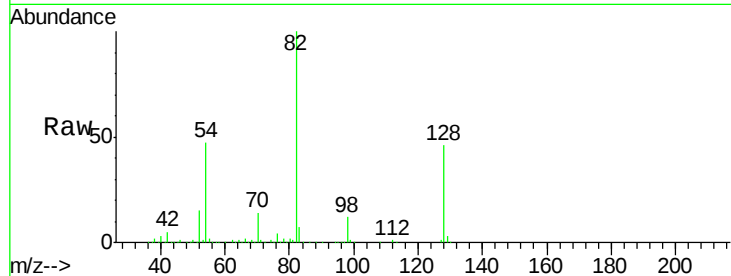




#19
n-Nitroso-di-n-propylamine
Concen: 21.10 ng
RT: 7.22 min Scan# 484
Delta R.T. 0.13 min
Lab File: BF091149.D
Acq: 11 Nov 2016 19:24

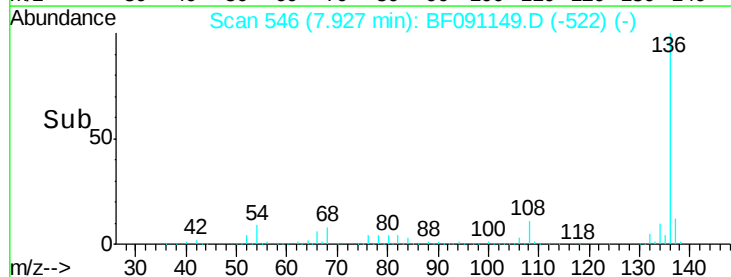
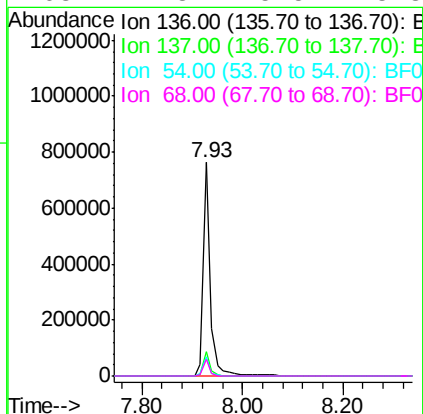
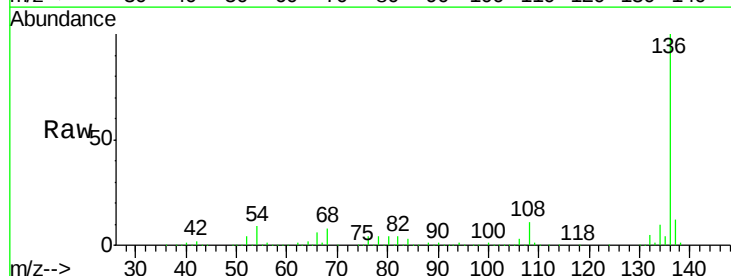
Instrument :
BNA_F
ClientSampleId :
DUPLICATE

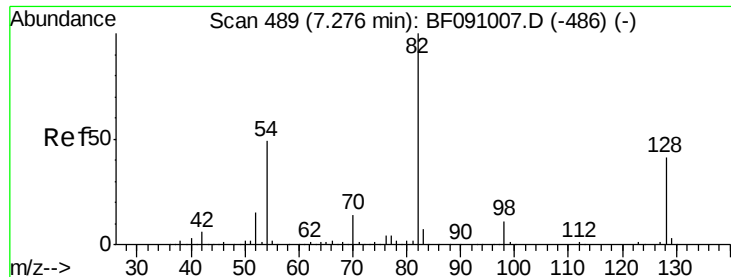
Tgt Ion: 70 Resp: 202980
Ion Ratio Lower Upper
70 100
42 37.7 41.7 62.5#
101 0.0 6.7 10.1#
130 2.3 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091149.D
Acq: 11 Nov 2016 19:24

Tgt Ion: 136 Resp: 752309
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 9.0 6.2 9.2
68 7.8 5.5 8.3

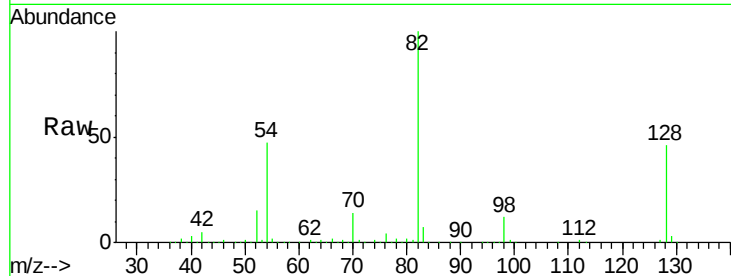




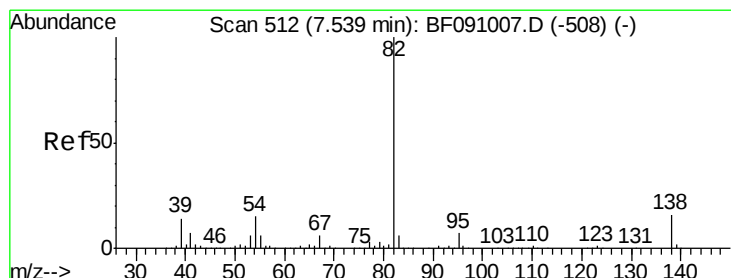
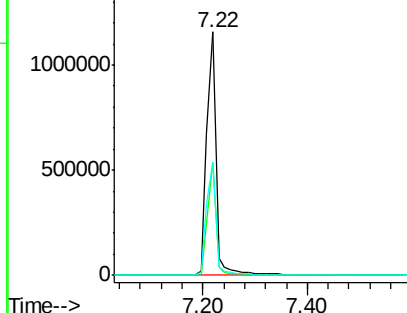
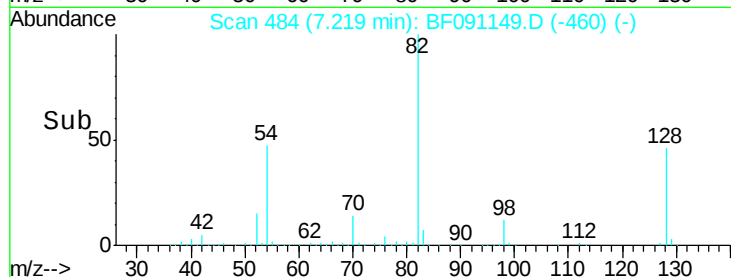
#23
Nitrobenzene-d5
Concen: 105.13 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091149.D
Acq: 11 Nov 2016 19:24

Instrument :
BNA_F
ClientSampleId :
DUPLICATE

Tgt Ion: 82 Resp: 1449831
Ion Ratio Lower Upper
82 100
128 46.5 32.4 48.6
54 46.7 39.2 58.8

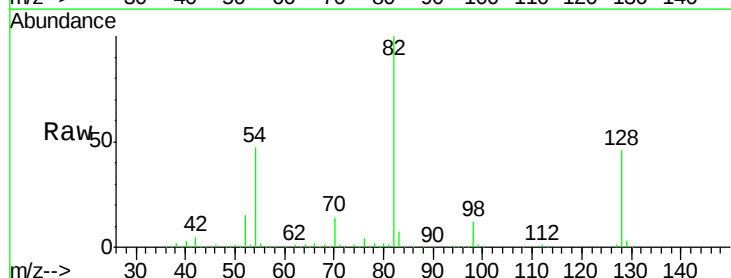


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

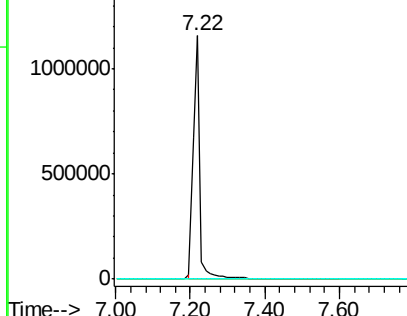
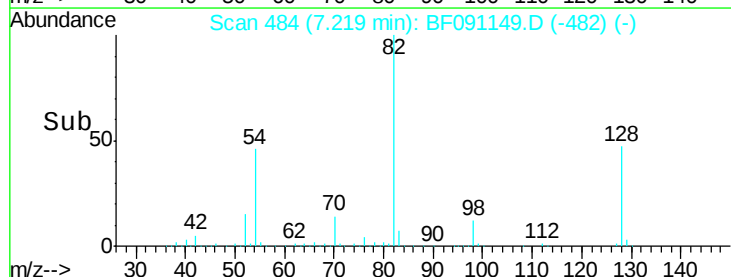


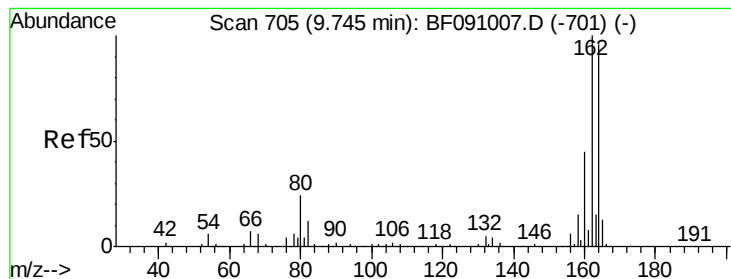
#25
Isophorone
Concen: 53.41 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.27 min
Lab File: BF091149.D
Acq: 11 Nov 2016 19:24

Tgt Ion: 82 Resp: 1419386
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: BF091149.D

Acq: 11 Nov 2016 19:24

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

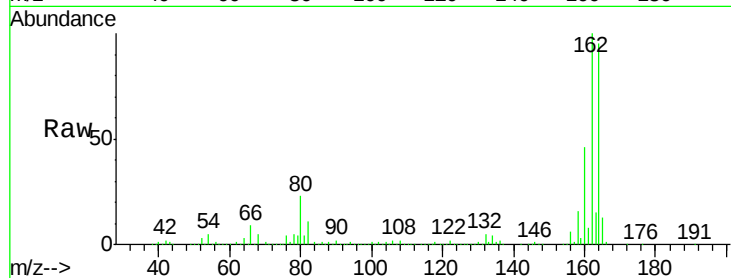
Tgt Ion:164 Resp: 404619

Ion Ratio Lower Upper

164 100

162 105.7 83.6 125.4

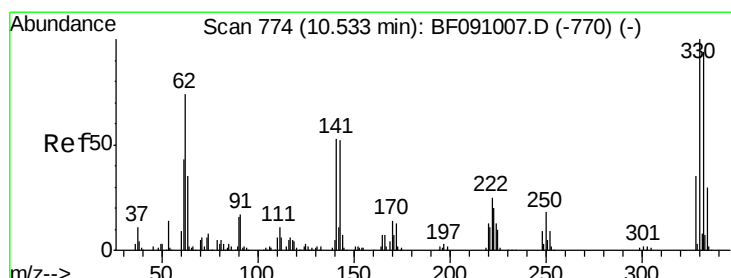
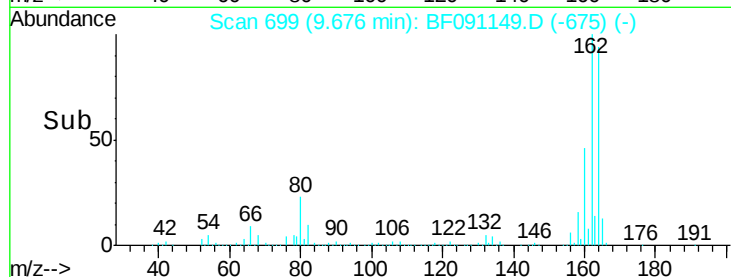
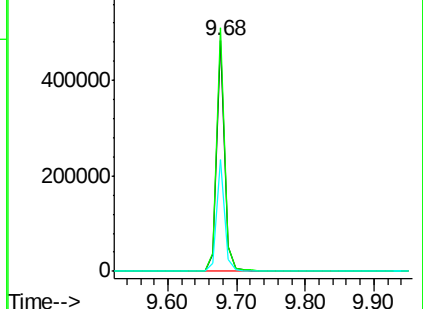
160 48.7 37.9 56.9



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: 154.04 ng

RT: 10.48 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

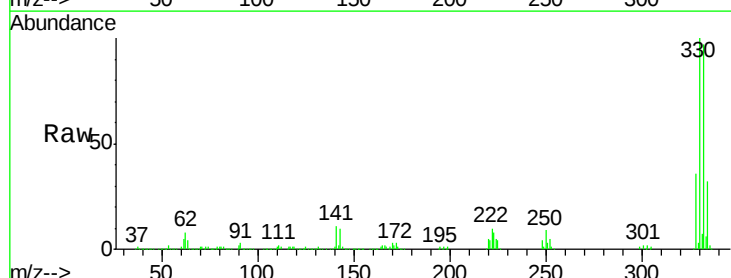
Tgt Ion:330 Resp: 563480

Ion Ratio Lower Upper

330 100

332 96.5 75.9 113.9

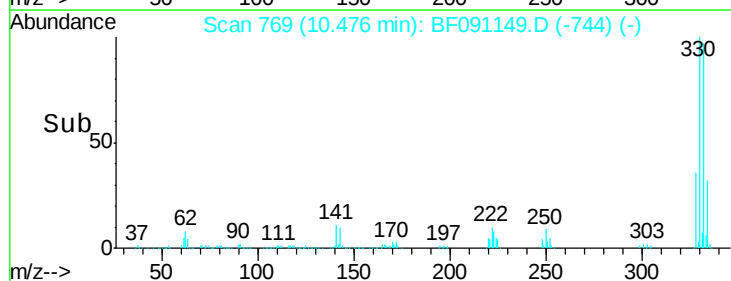
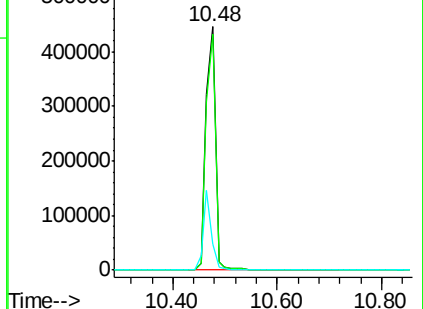
141 29.0 36.1 54.1#

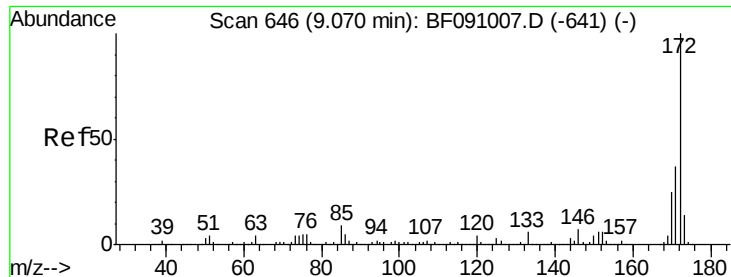


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

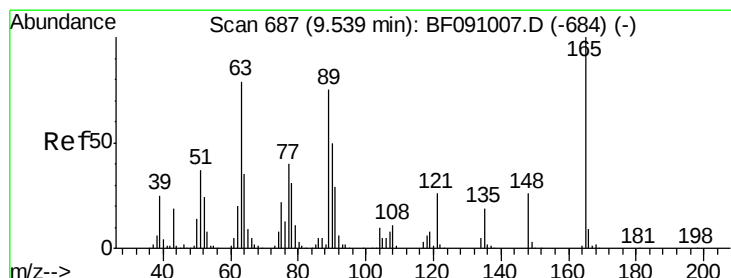
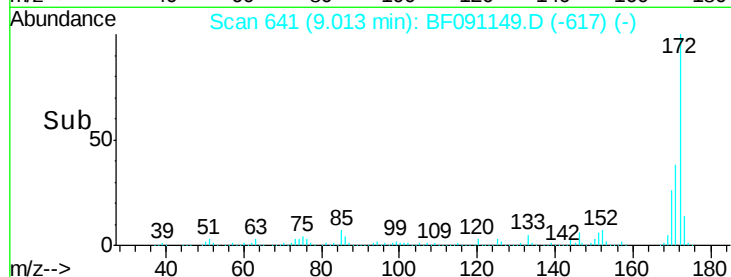
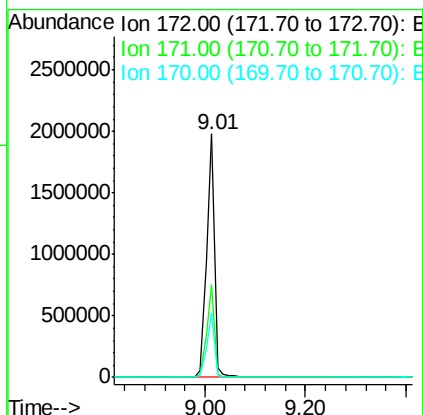
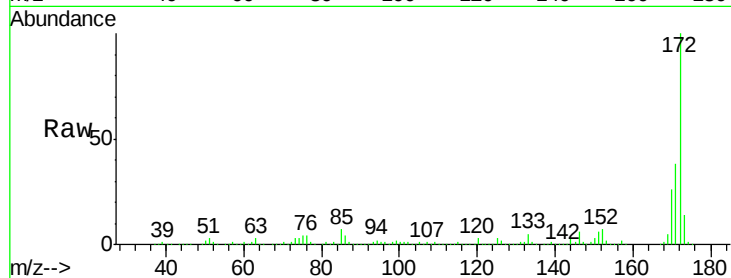




#44
 2-Fluorobiphenyl
 Concen: 91.77 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091149.D
 Acq: 11 Nov 2016 19:24

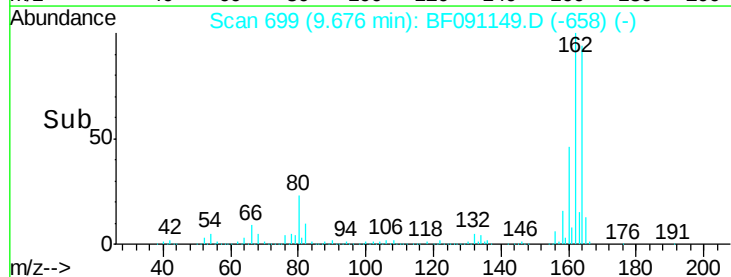
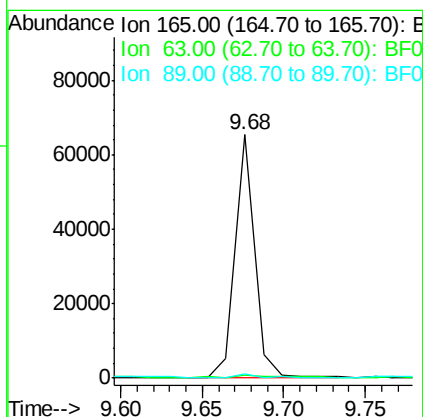
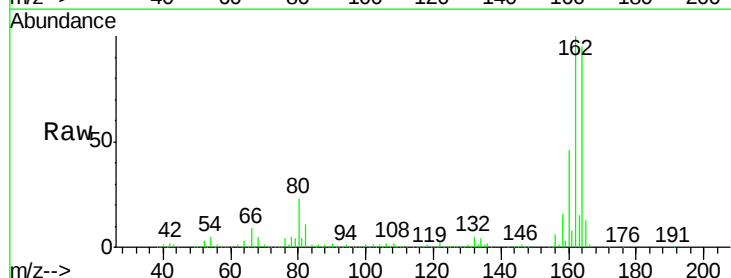
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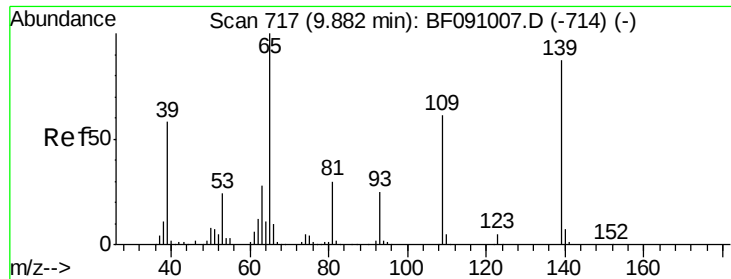
Tgt Ion:172 Resp: 2156807
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.8 44.6
 170 26.2 20.3 30.5



#50
 2,6-Dinitrotoluene
 Concen: 9.49 ng
 RT: 9.68 min Scan# 699
 Delta R.T. 0.17 min
 Lab File: BF091149.D
 Acq: 11 Nov 2016 19:24

Tgt Ion:165 Resp: 53985
 Ion Ratio Lower Upper
 165 100
 63 1.2 65.6 98.4#
 89 1.6 59.8 89.6#





#55

4-Nitrophenol

Concen: 5.97 ng

RT: 9.82 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

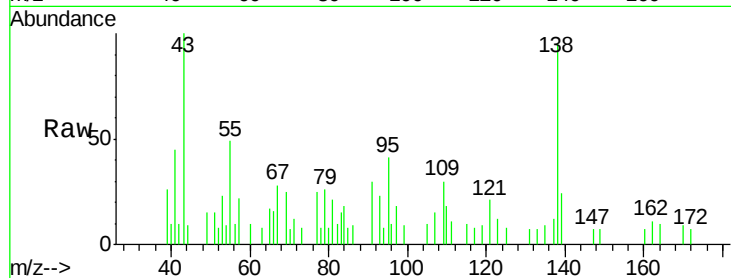
Tgt Ion:139 Resp: 1148

Ion Ratio Lower Upper

139 100

109 127.5 50.5 90.5#

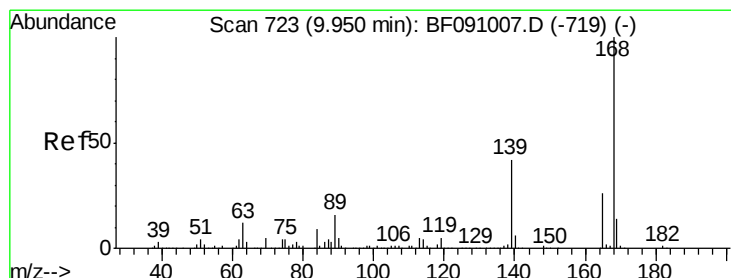
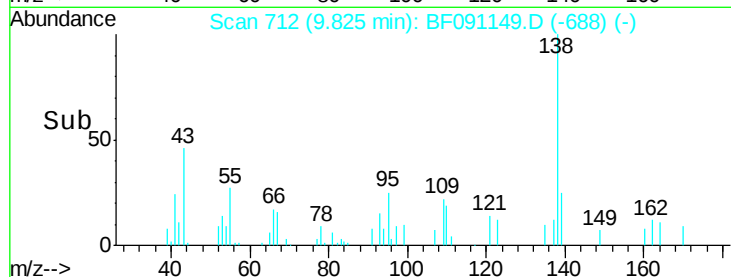
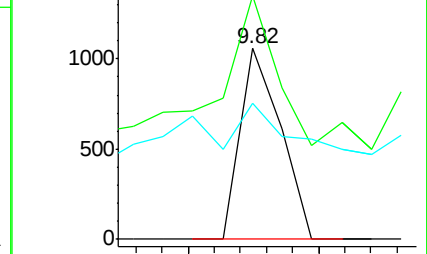
65 71.0 97.1 137.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 7.49 ng

RT: 9.68 min Scan# 699

Delta R.T. -0.23 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

Tgt Ion:165 Resp: 54193

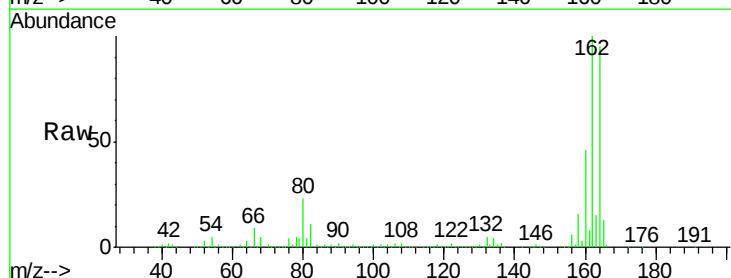
Ion Ratio Lower Upper

165 100

63 1.2 38.7 58.1#

89 1.6 50.6 76.0#

182 0.0 1.8 2.8#

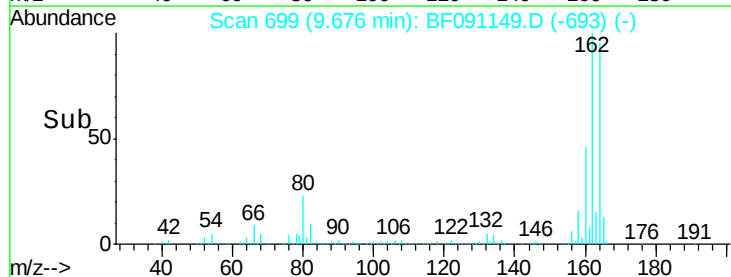
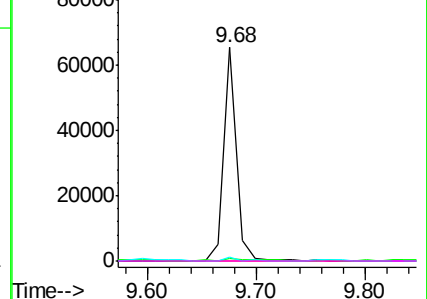


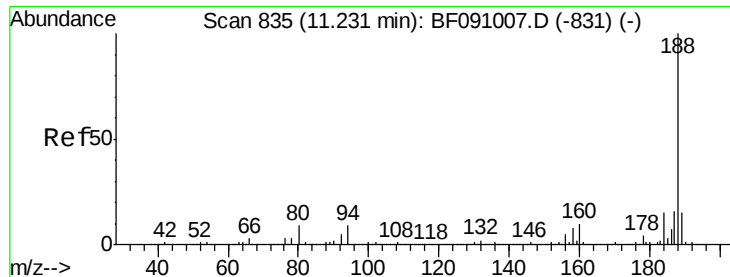
Abundance Ion 165.00 (164.70 to 165.70): E

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

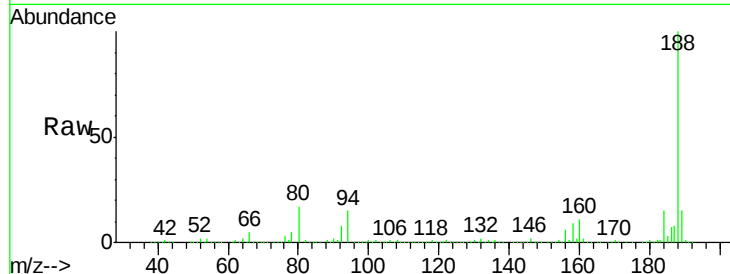




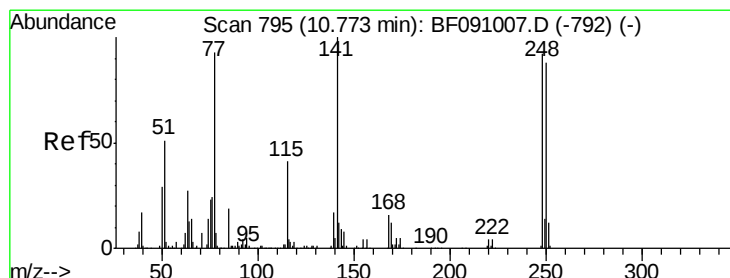
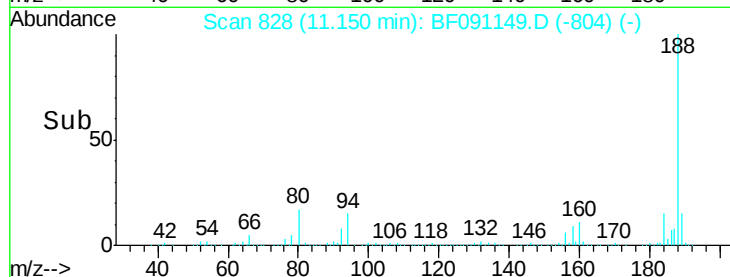
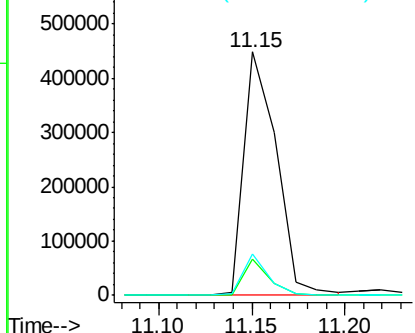
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091149.D
Acq: 11 Nov 2016 19:24

Instrument :
BNA_F
ClientSampleId :
DUPLICATE

Tgt Ion:188 Resp: 544540
Ion Ratio Lower Upper
188 100
94 14.8 7.0 10.4#
80 16.9 7.5 11.3#

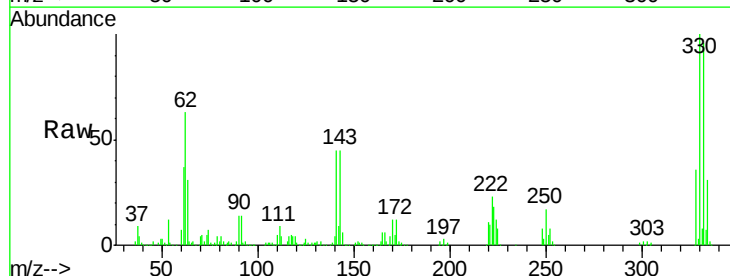


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

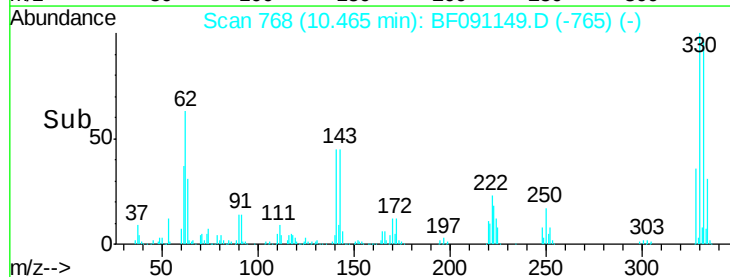
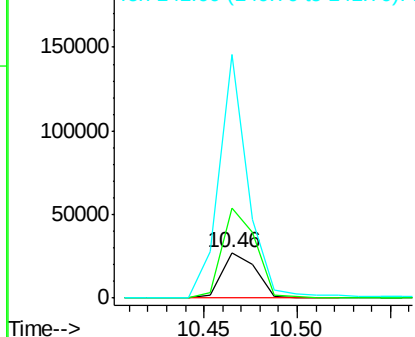


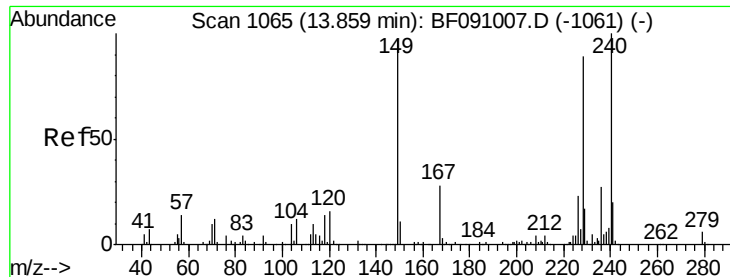
#66
4-Bromophenyl-phenylether
Concen: 6.06 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.26 min
Lab File: BF091149.D
Acq: 11 Nov 2016 19:24

Tgt Ion:248 Resp: 34323
Ion Ratio Lower Upper
248 100
250 200.4 76.3 114.5#
141 538.7 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: BF091149.D

Acq: 11 Nov 2016 19:24

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

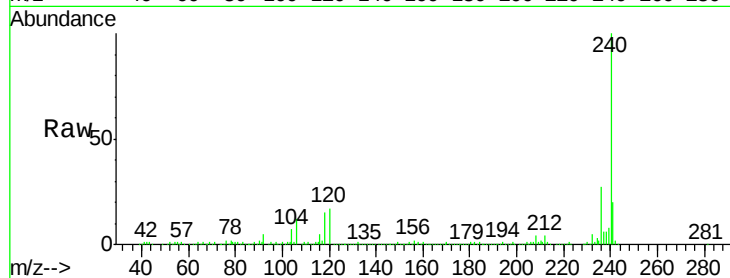
Tgt Ion:240 Resp: 429419

Ion Ratio Lower Upper

240 100

120 17.4 12.9 19.3

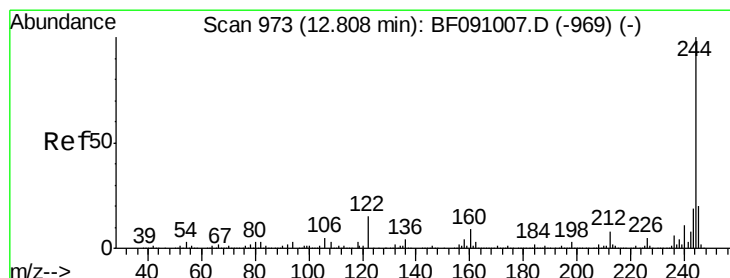
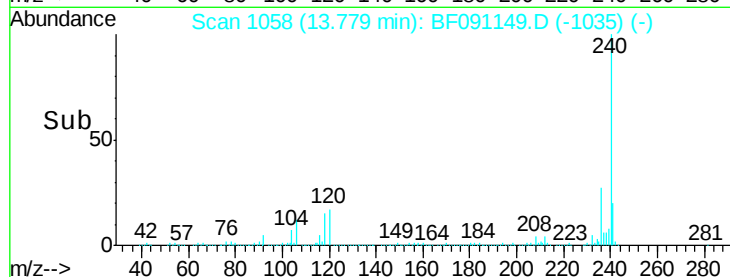
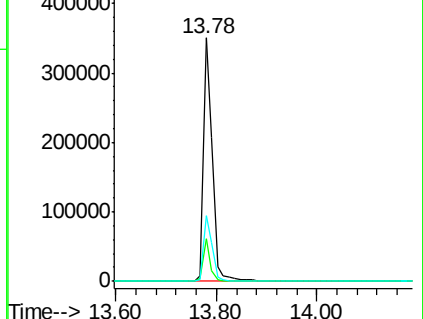
236 27.2 21.9 32.9



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: 111.40 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

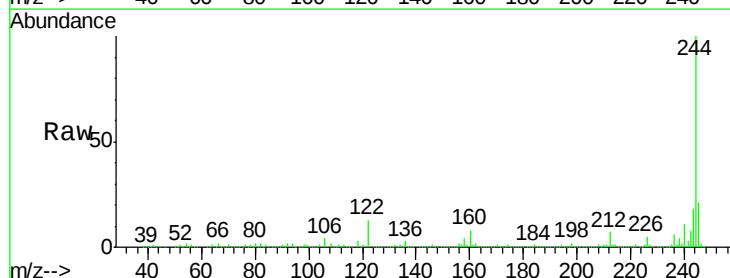
Tgt Ion:244 Resp: 1917035

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

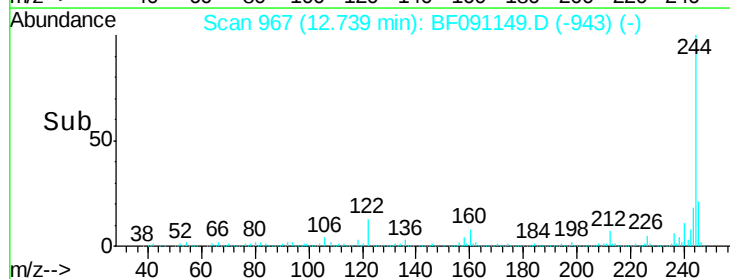
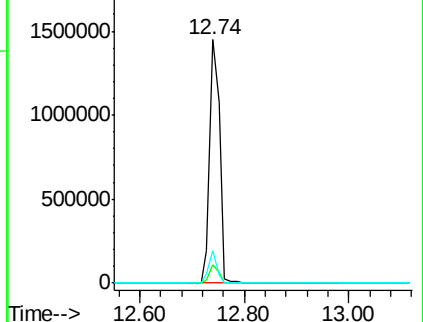
122 13.3 12.3 18.5

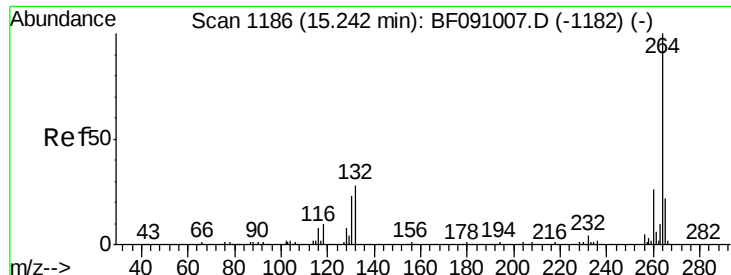


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

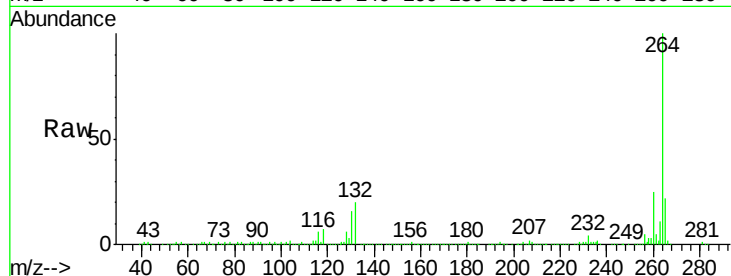




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091149.D
Acq: 11 Nov 2016 19:24

Instrument :
BNA_F
ClientSampleId :
DUPLICATE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	21.6	17.8	26.8



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

