

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091793.D
 Acq On : 20 Dec 2016 00:31
 Operator : UM/SJ
 Sample : H6126-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Dec 20 03:17:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

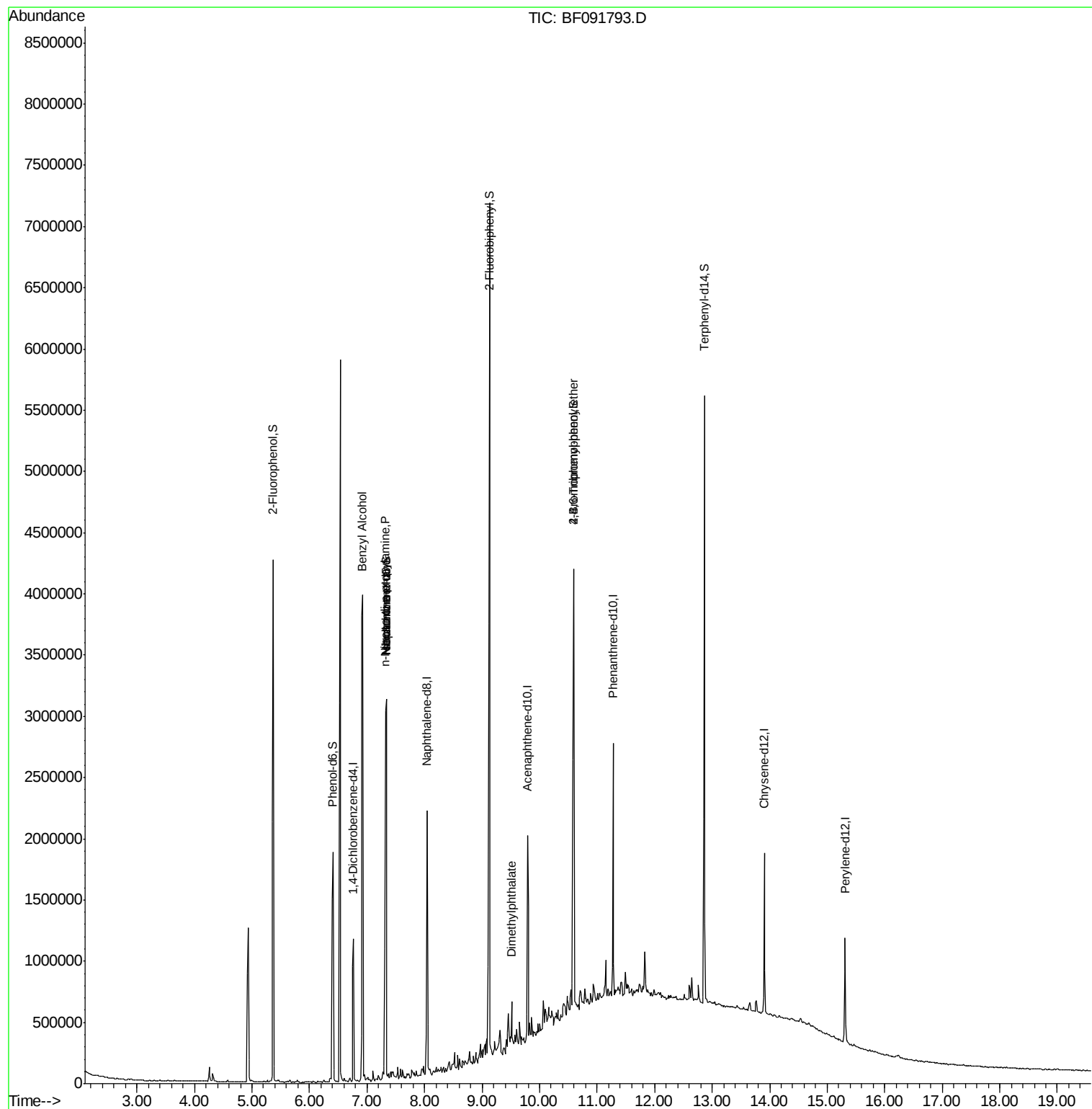
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	242325	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	948370	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	478092	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	710168	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	465055	20.00	ng	-0.02
86) Perylene-d12	15.31	264	429336	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1324973	91.61	ng	0.00
7) Phenol-d6	6.41	99	892275	50.58	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1757875	106.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	520967	128.51	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2555014	107.37	ng	-0.01
78) Terphenyl-d14	12.86	244	1645295	89.33	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.41	77	1852	Below Cal	#	1
15) Benzyl Alcohol	6.91	79	30448	2.23 ng	#	45
18) Hexachloroethane	7.33	117	18594	2.83 ng	#	2
19) n-Nitroso-di-n-propylamine	7.32	70	234495	19.98 ng	#	77
25) Isophorone	7.33	82	1487709	47.41 ng	#	65
49) Dimethylphthalate	9.52	163	129376	4.14 ng		98
66) 4-Bromophenyl-phenylether	10.59	248	36391	4.89 ng	#	1

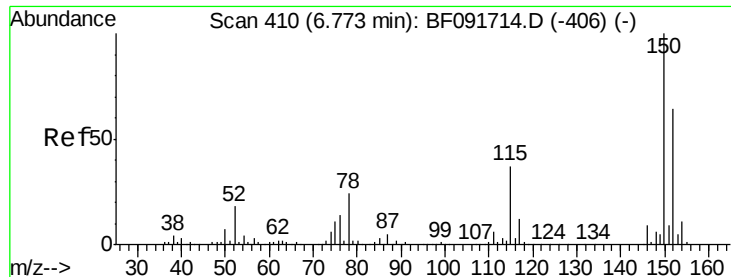
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 03:17:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

Instrument :

BNA_F

ClientSampled :

MW-11

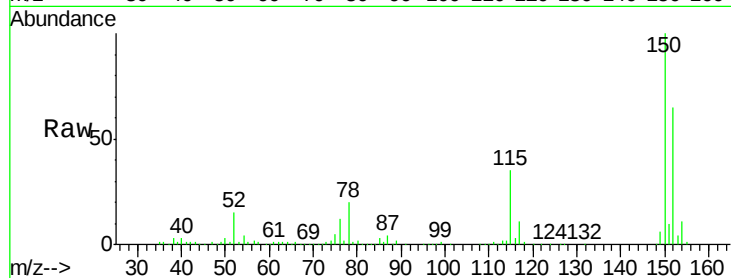
Tgt Ion:152 Resp: 242325

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

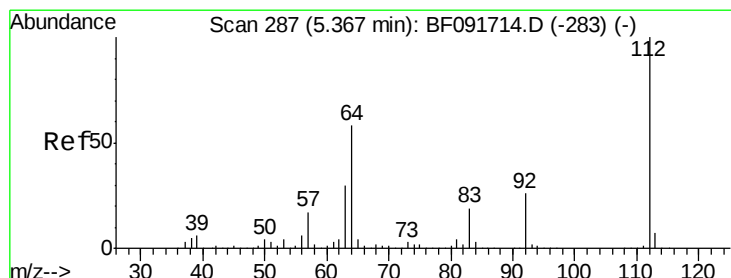
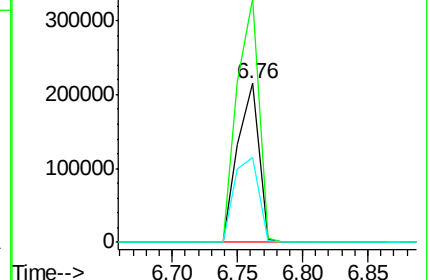
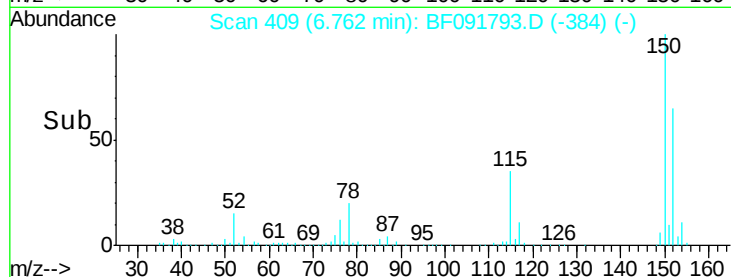
115 53.6 46.0 69.0



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: 91.61 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

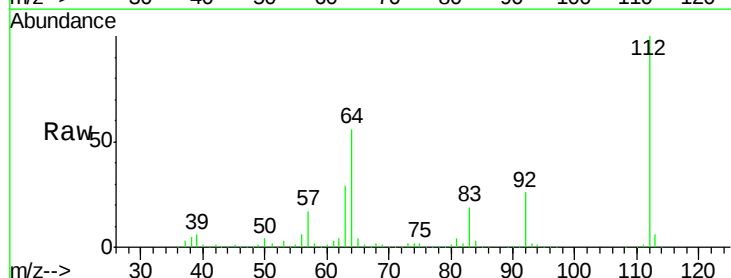
Tgt Ion:112 Resp: 1324973

Ion Ratio Lower Upper

112 100

64 56.4 46.1 69.1

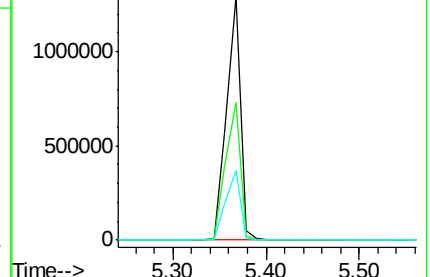
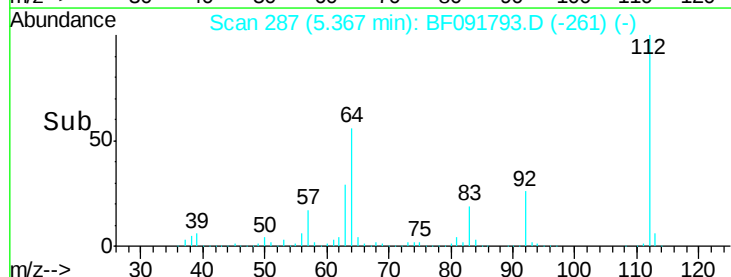
63 28.6 23.8 35.6

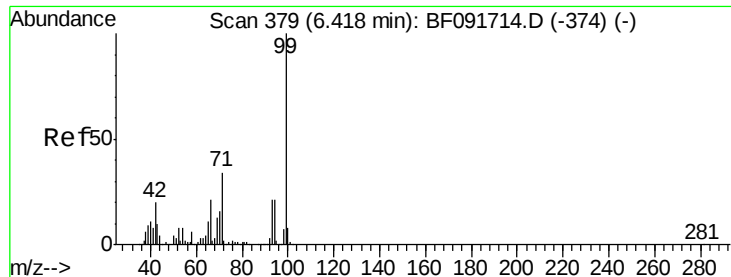


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.58 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

Instrument :

BNA_F

ClientSampleId :

MW-11

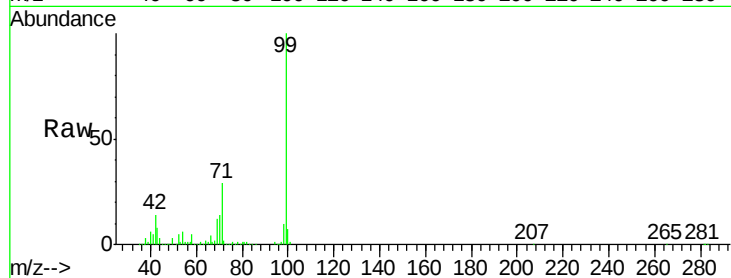
Tgt Ion: 99 Resp: 892275

Ion Ratio Lower Upper

99 100

42 14.1 15.6 23.4#

71 28.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

1000000

800000

600000

400000

200000

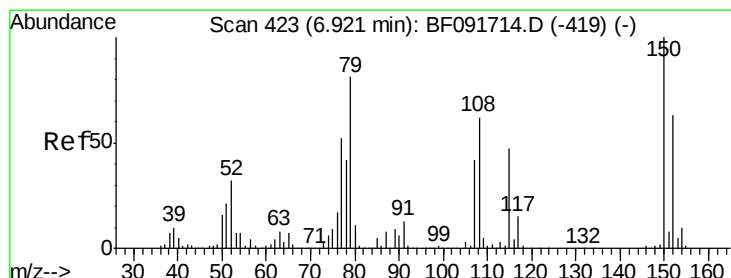
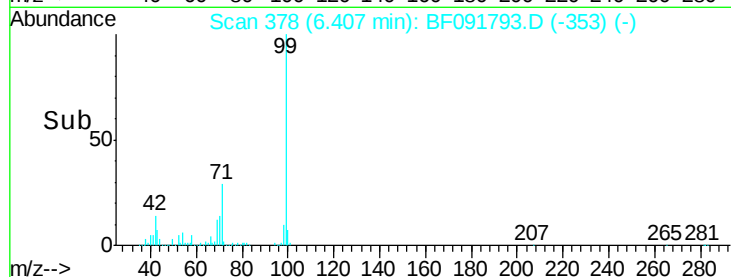
0

6.30

6.40

6.50

Time-->



#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

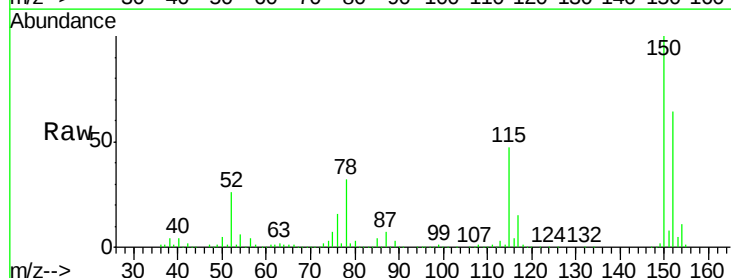
Tgt Ion: 79 Resp: 30448

Ion Ratio Lower Upper

79 100

108 26.4 61.4 92.0#

77 103.2 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

30000

20000

10000

0

6.80

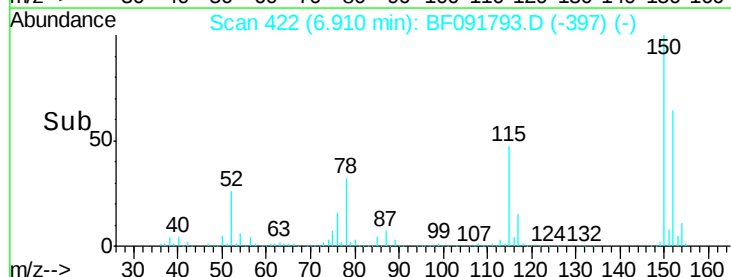
6.85

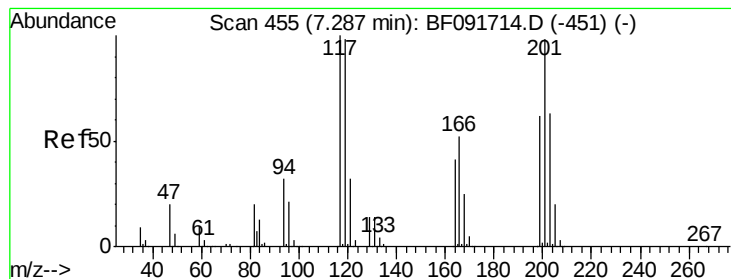
6.90

6.95

7.00

Time-->





#18

Hexachloroethane

Concen: 2.83 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.05 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

Instrument :

BNA_F

ClientSampleId :

MW-11

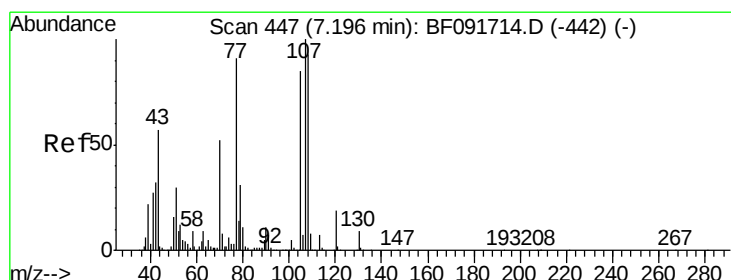
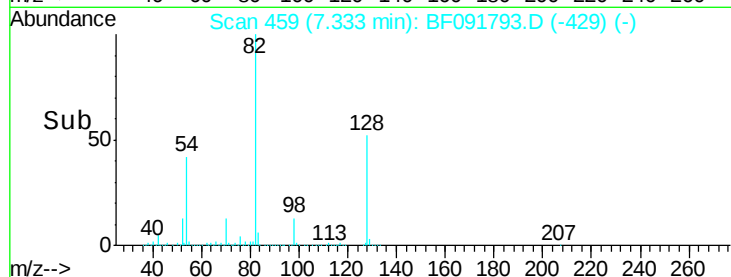
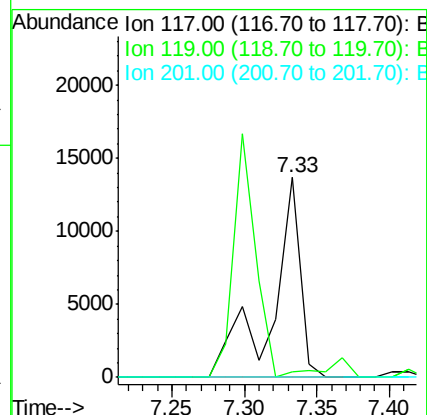
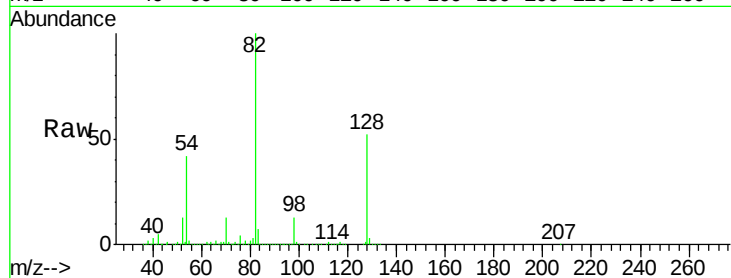
Tgt Ion: 117 Resp: 18594

Ion Ratio Lower Upper

117 100

119 2.5 78.1 117.1#

201 0.0 78.6 117.8#



#19

n-Nitroso-di-n-propylamine

Concen: 19.98 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.13 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

Tgt Ion: 70 Resp: 234495

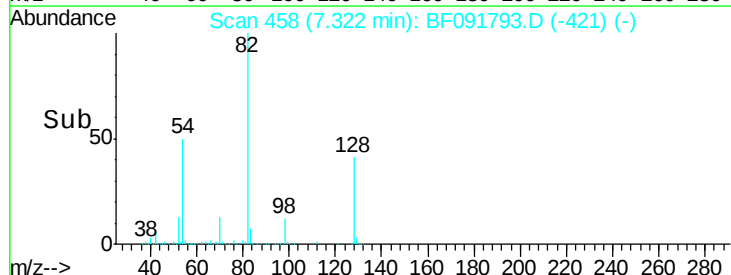
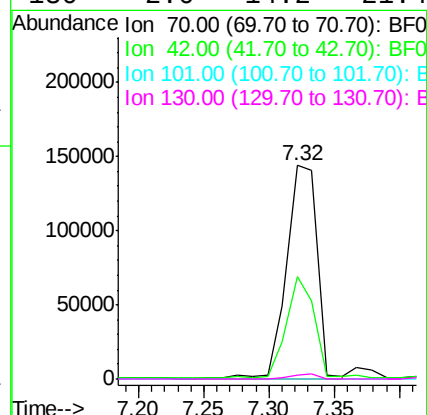
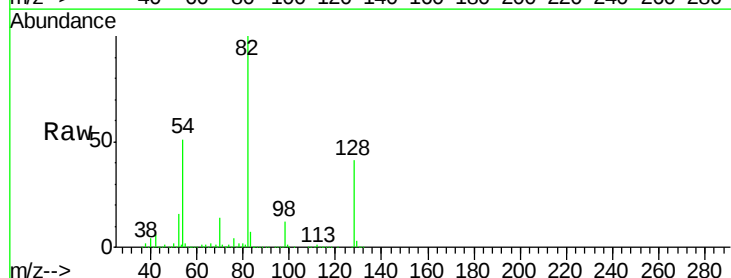
Ion Ratio Lower Upper

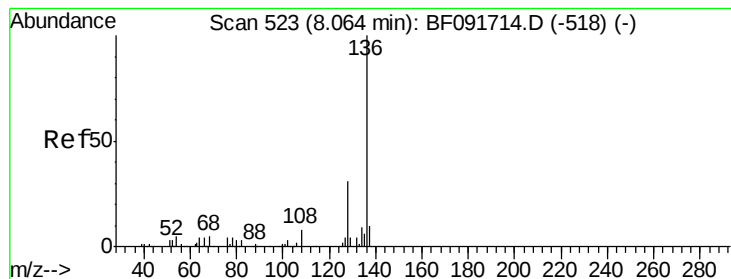
70 100

42 47.7 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

Instrument :

BNA_F

ClientSampleId :

MW-11

Tgt Ion:136 Resp: 948370

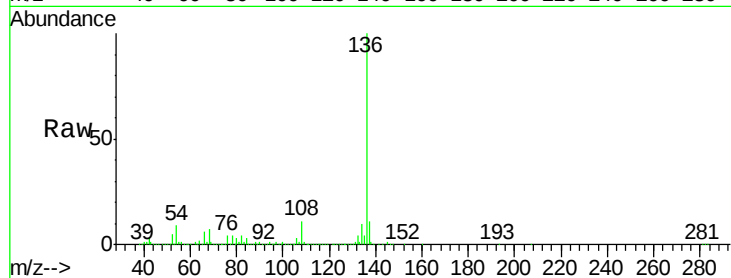
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 9.0 4.5 6.7#

68 7.2 3.6 5.4#



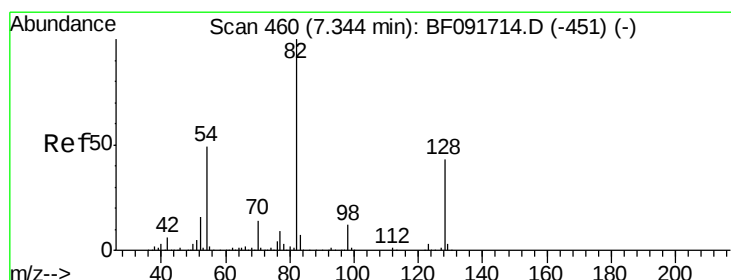
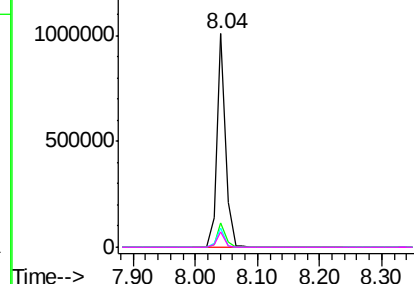
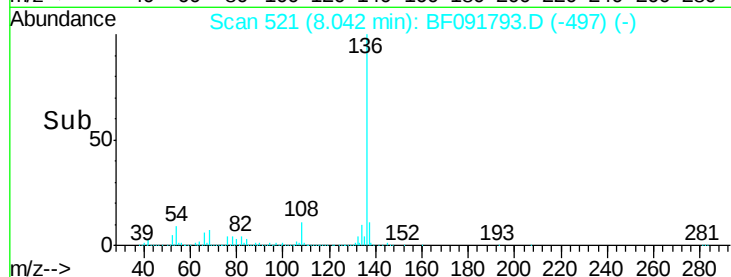
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 106.89 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

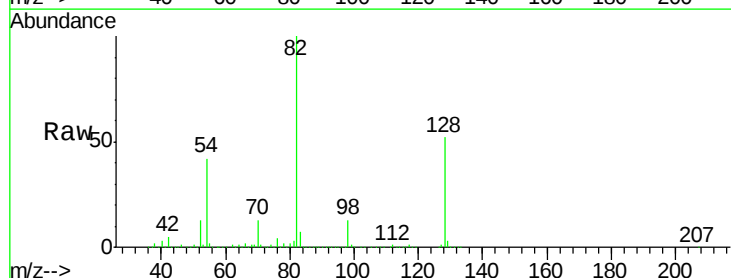
Tgt Ion: 82 Resp: 1757875

Ion Ratio Lower Upper

82 100

128 52.4 34.6 52.0#

54 42.1 39.5 59.3

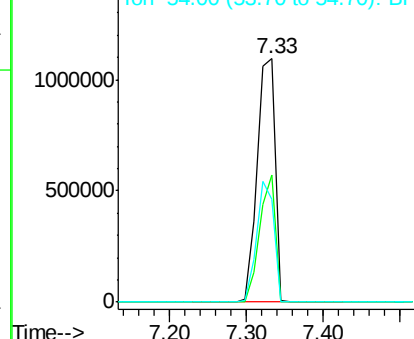
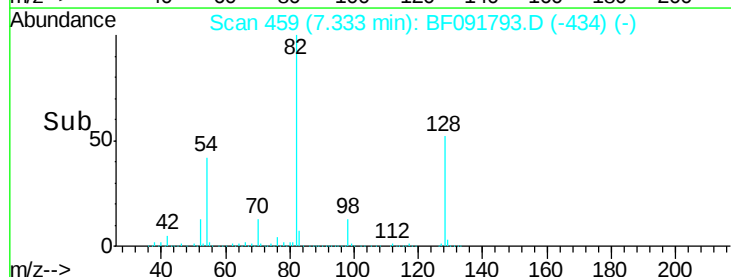


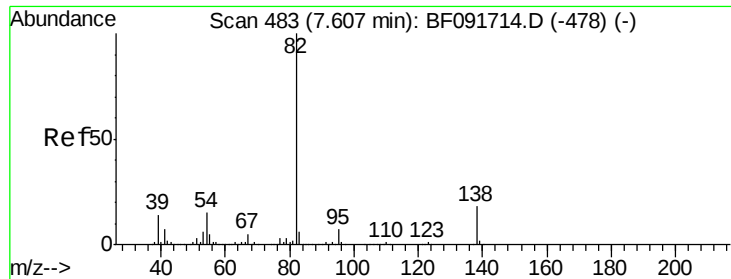
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 47.41 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

Instrument :

BNA_F

ClientSampleId :

MW-11

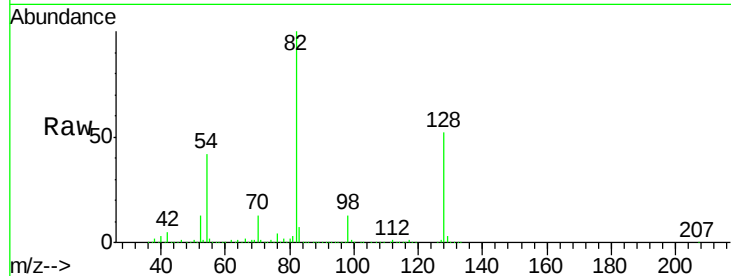
Tgt Ion: 82 Resp: 1487709

Ion Ratio Lower Upper

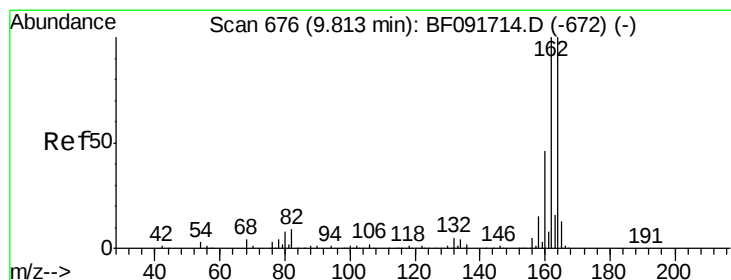
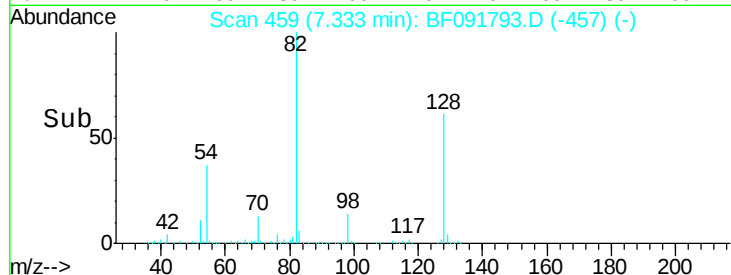
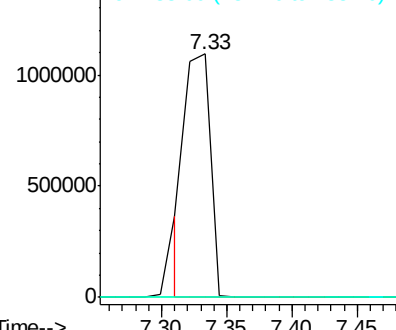
82 100

95 0.1 5.6 8.4#

138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

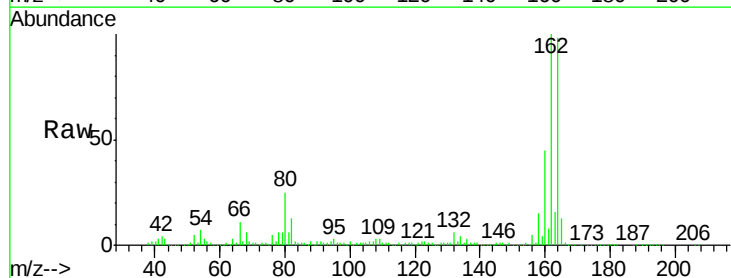
Tgt Ion:164 Resp: 478092

Ion Ratio Lower Upper

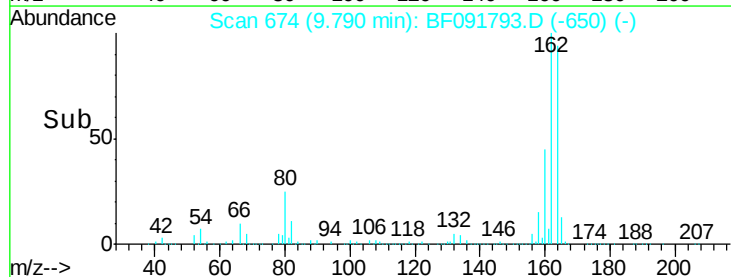
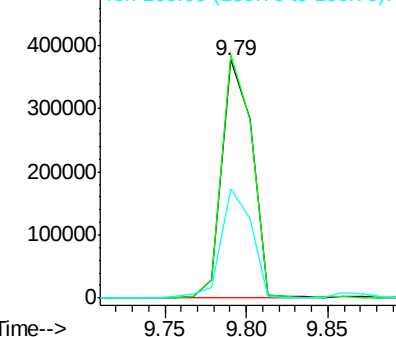
164 100

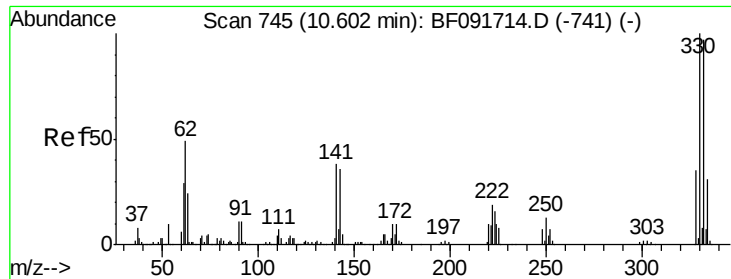
162 102.3 80.2 120.2

160 46.0 36.9 55.3



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

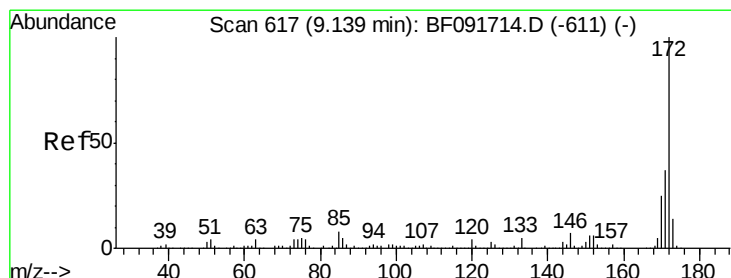
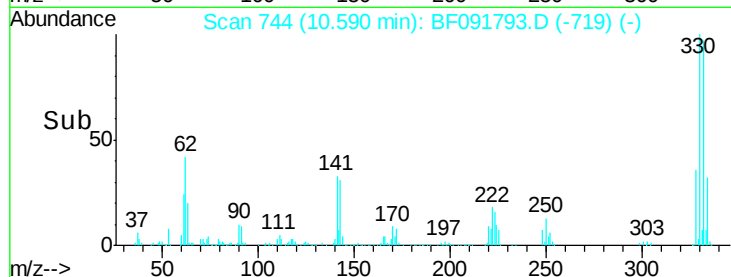
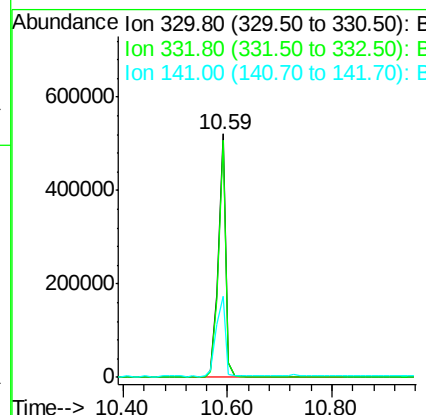
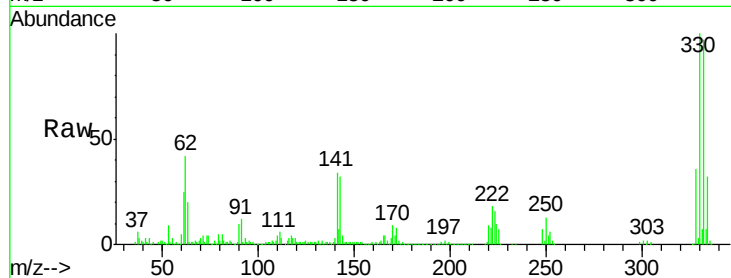




#41
 2,4,6-Tribromophenol
 Concen: 128.51 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091793.D
 Acq: 20 Dec 2016 00:31

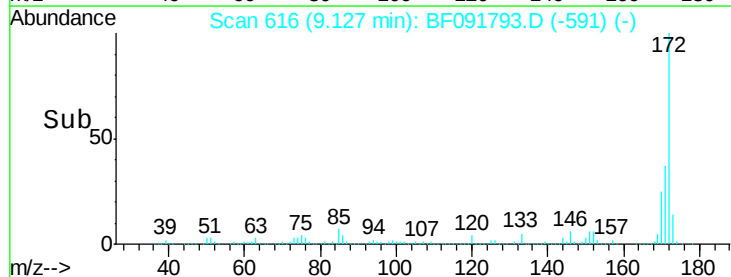
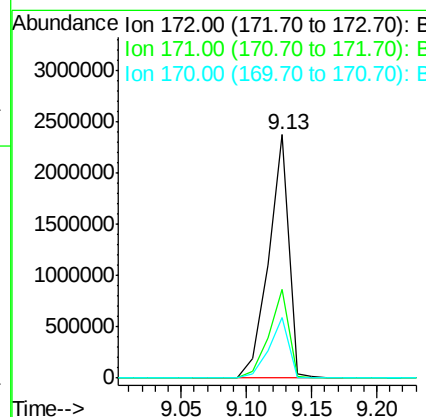
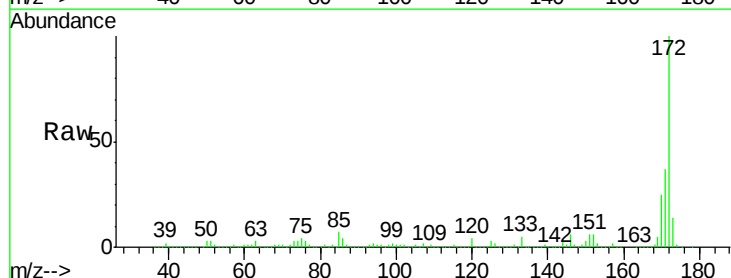
Instrument :
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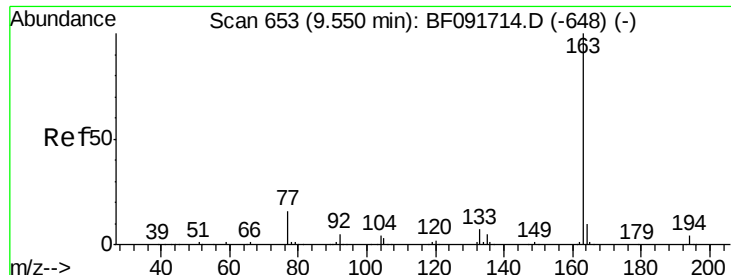
Tgt Ion:330 Resp: 520967
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 40.0 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 107.37 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091793.D
 Acq: 20 Dec 2016 00:31

Tgt Ion:172 Resp: 2555014
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 25.0 20.2 30.4

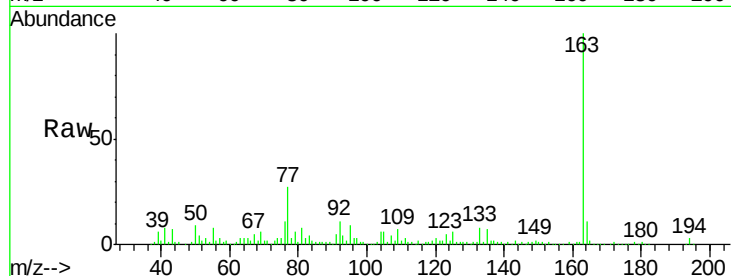




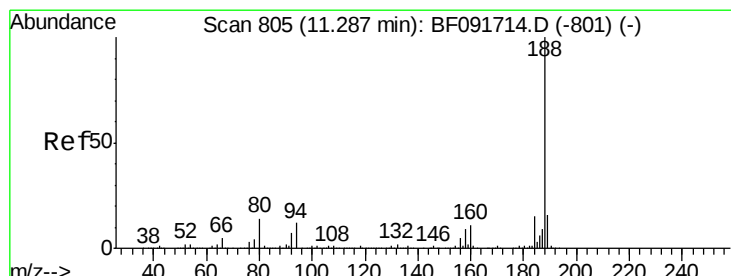
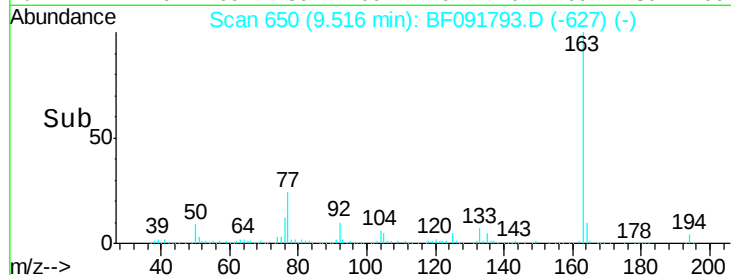
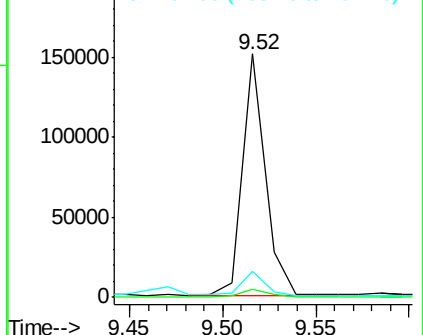
#49
Dimethylphthalate
Concen: 4.14 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091793.D
Acq: 20 Dec 2016 00:31

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:163 Resp: 129376
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.9 8.0 12.0

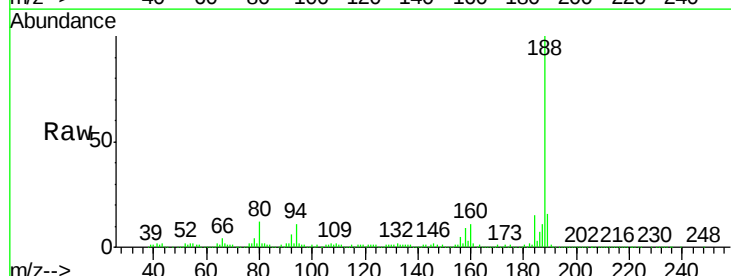


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

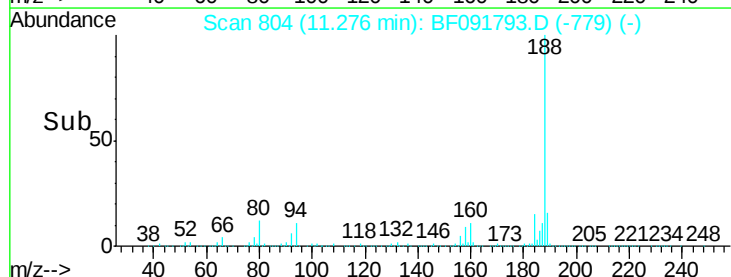
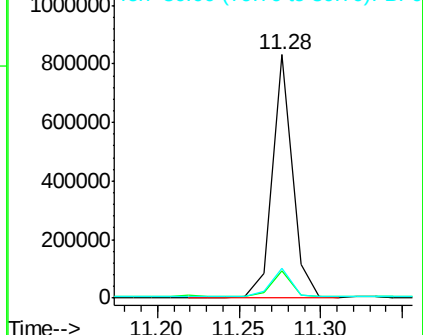


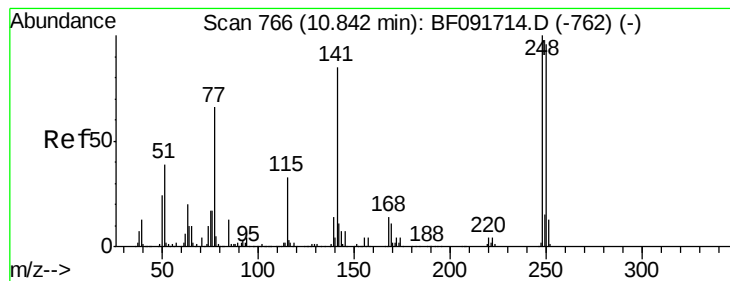
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091793.D
Acq: 20 Dec 2016 00:31

Tgt Ion:188 Resp: 710168
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 12.3 11.2 16.8



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: 4.89 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

Instrument :

BNA_F

ClientSampleId :

MW-11

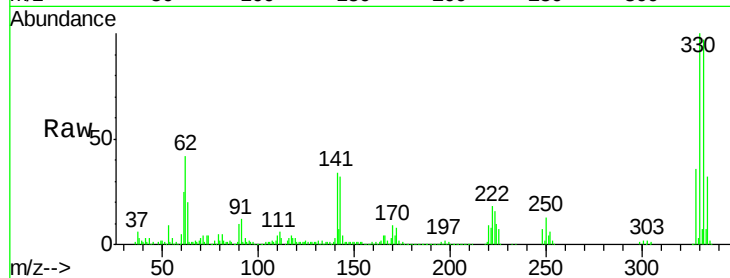
Tgt Ion:248 Resp: 36391

Ion Ratio Lower Upper

248 100

250 190.3 76.9 115.3#

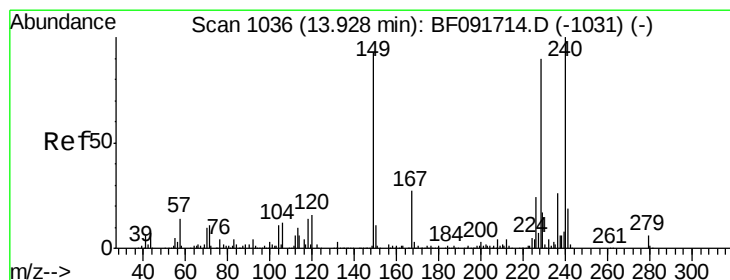
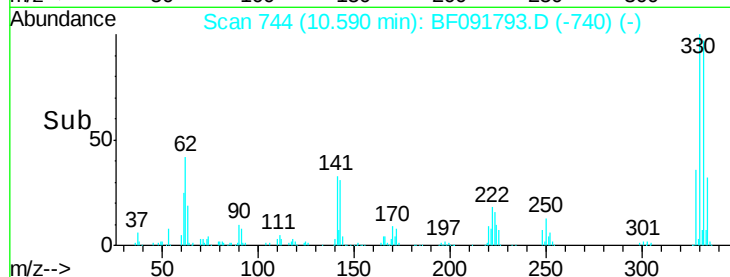
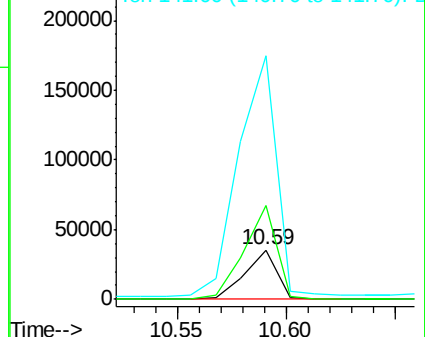
141 491.4 68.2 102.4#



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: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091793.D

Acq: 20 Dec 2016 00:31

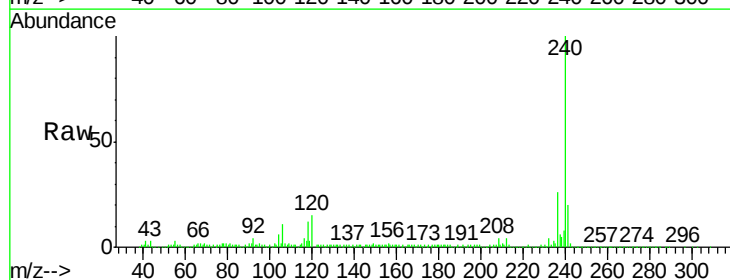
Tgt Ion:240 Resp: 465055

Ion Ratio Lower Upper

240 100

120 15.1 12.9 19.3

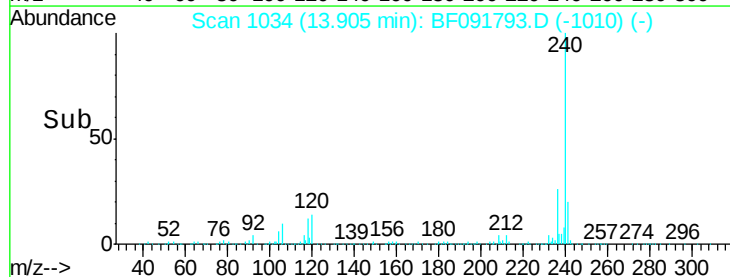
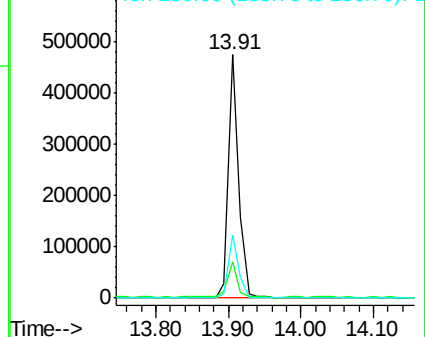
236 26.0 20.9 31.3

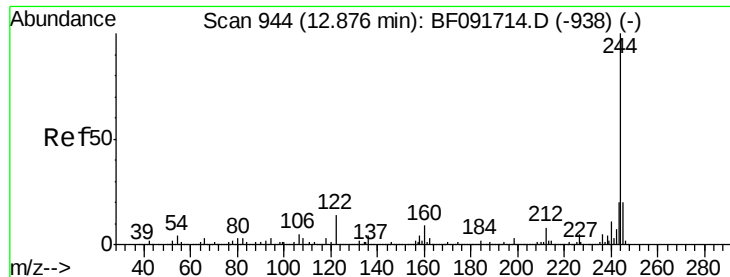


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

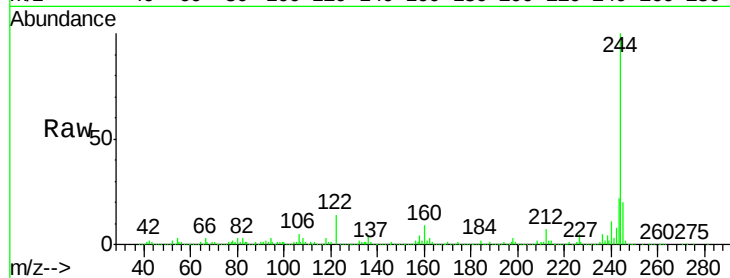




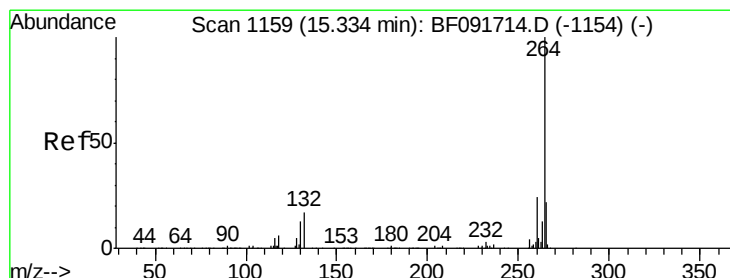
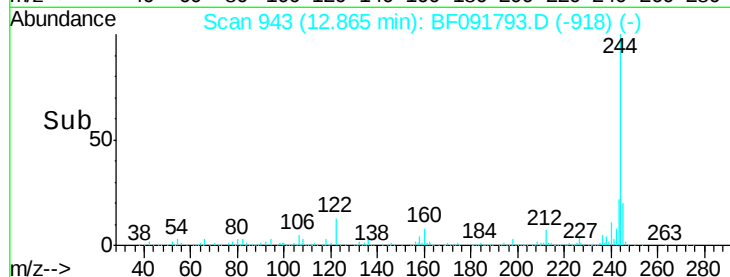
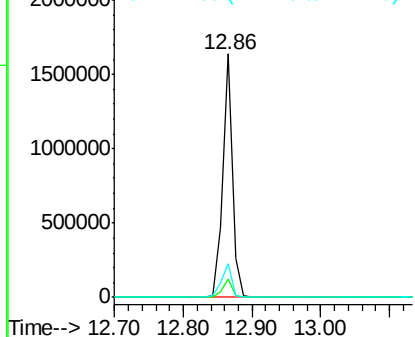
#78
 Terphenyl-d14
 Concen: 89.33 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091793.D
 Acq: 20 Dec 2016 00:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:244 Resp: 1645295
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 13.6 11.4 17.2

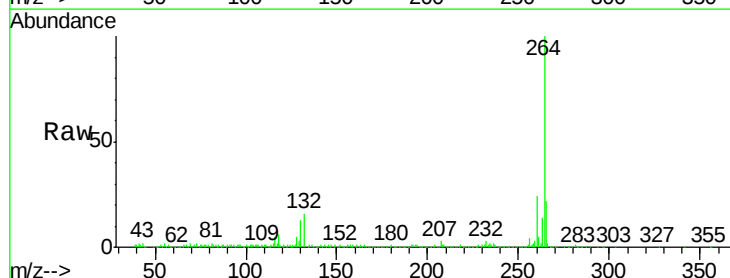


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091793.D
 Acq: 20 Dec 2016 00:31

Tgt Ion:264 Resp: 429336
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.8 17.4 26.0



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

