

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091813.D
 Acq On : 20 Dec 2016 12:04
 Operator : UM/SJ
 Sample : H6147-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Quant Time: Dec 20 23:38:13 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

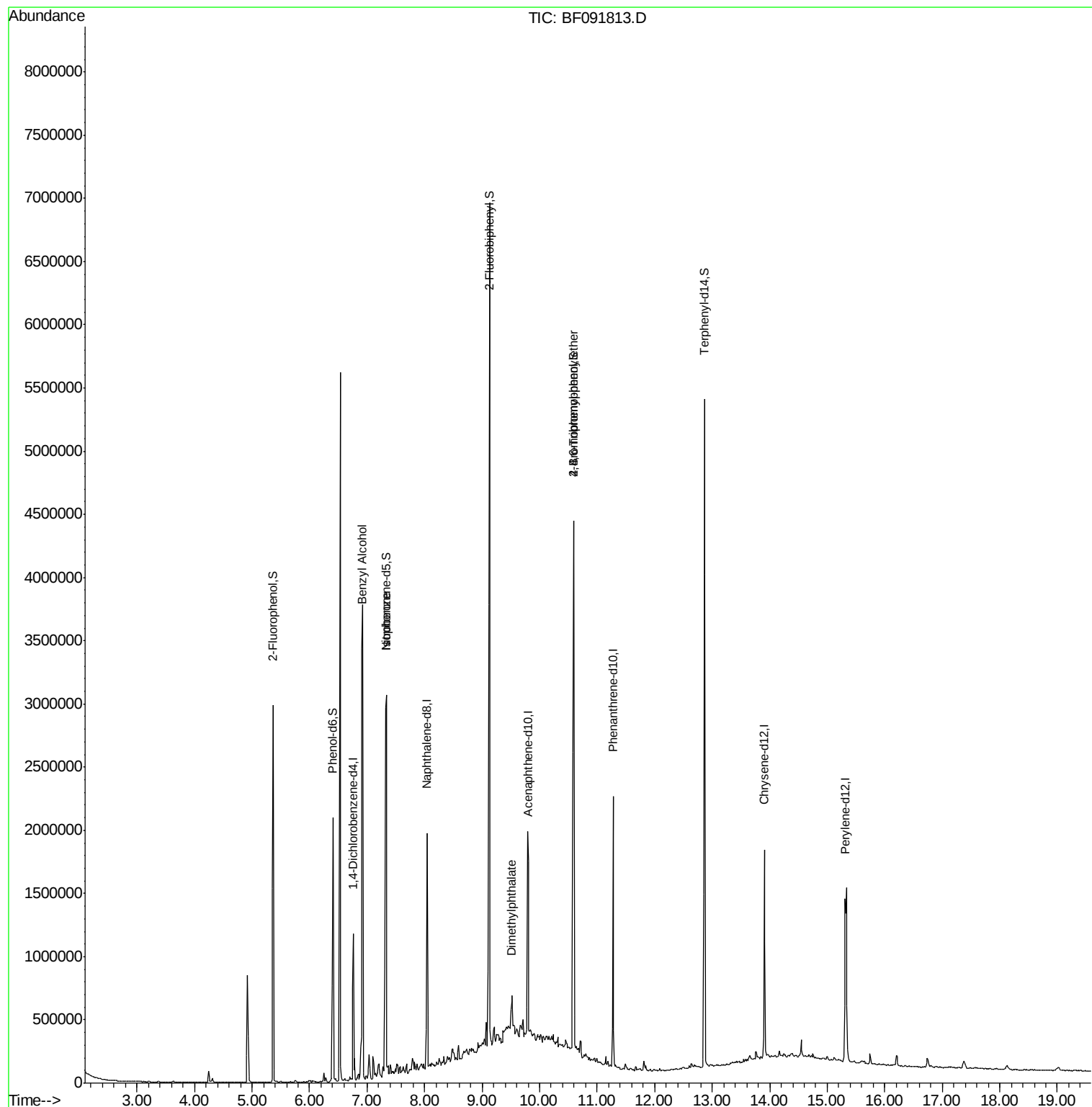
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	218531	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	847192	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	514111	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	760332	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	690507	20.00	ng	-0.02
86) Perylene-d12	15.31	264	557959	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	944462	72.41	ng	0.00
7) Phenol-d6	6.41	99	745151	46.84	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1672250	113.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	606994	139.24	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2507125	97.97	ng	-0.01
78) Terphenyl-d14	12.86	244	2454374	89.75	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.41	77	1412	Below Cal	#	1
15) Benzyl Alcohol	6.91	79	28079	2.28 ng	#	47
25) Isophorone	7.33	82	1452365	51.82 ng	#	65
49) Dimethylphthalate	9.52	163	77251	2.30 ng		97
66) 4-Bromophenyl-phenylether	10.59	248	41281	5.18 ng	#	1

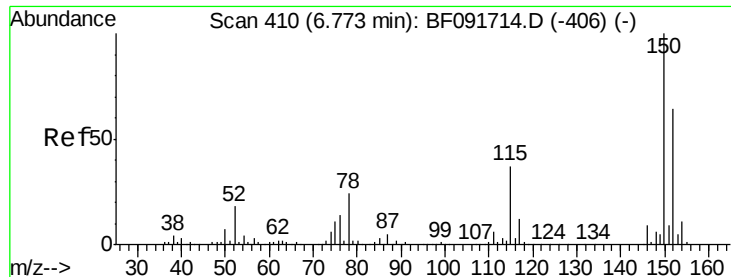
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091813.D

Acq: 20 Dec 2016 12:04

Instrument :

BNA_F

ClientSampled :

MW-30

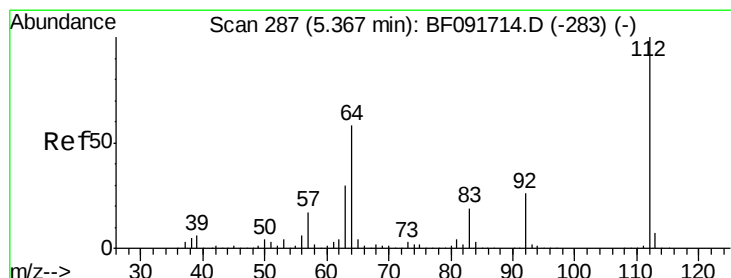
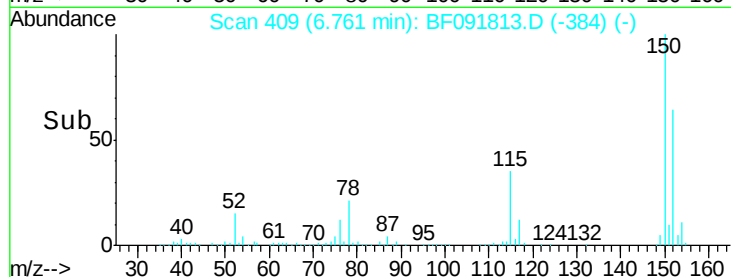
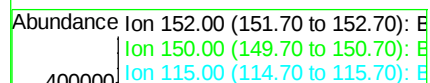
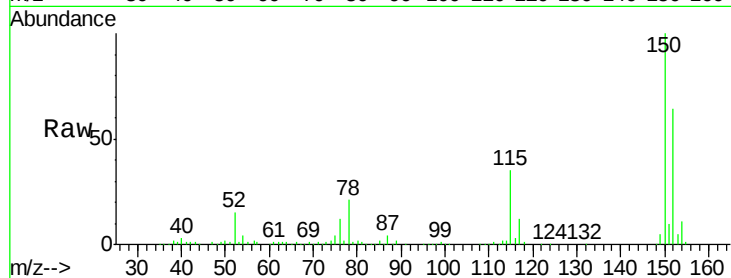
Tgt Ion:152 Resp: 218531

Ion Ratio Lower Upper

152 100

150 155.1 124.9 187.3

115 53.6 46.0 69.0



#5

2-Fluorophenol

Concen: 72.41 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091813.D

Acq: 20 Dec 2016 12:04

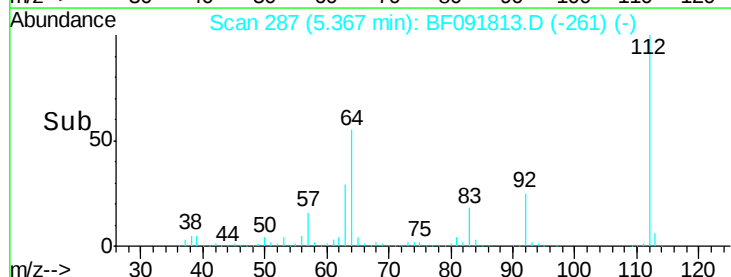
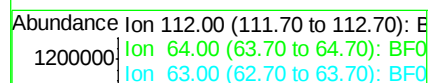
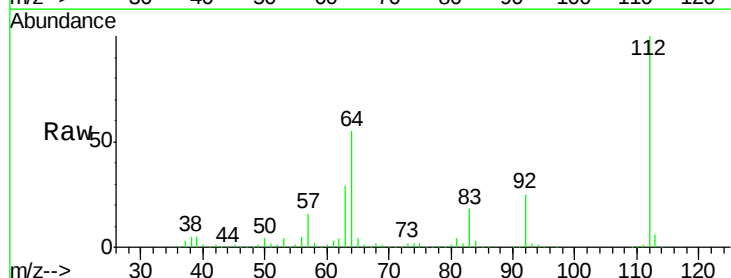
Tgt Ion:112 Resp: 944462

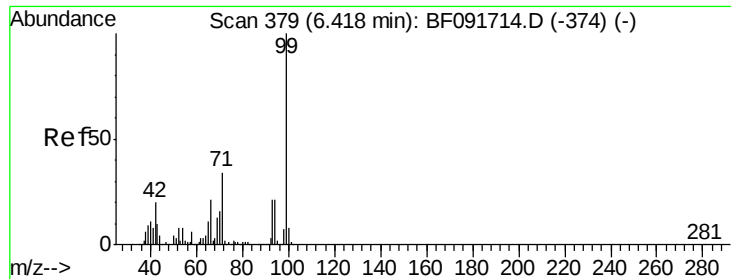
Ion Ratio Lower Upper

112 100

64 55.0 46.1 69.1

63 28.5 23.8 35.6





#7

Phenol-d6

Concen: 46.84 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091813.D

Acq: 20 Dec 2016 12:04

Instrument :

BNA_F

ClientSampleId :

MW-30

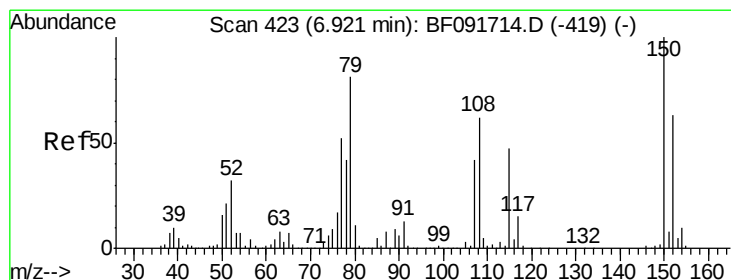
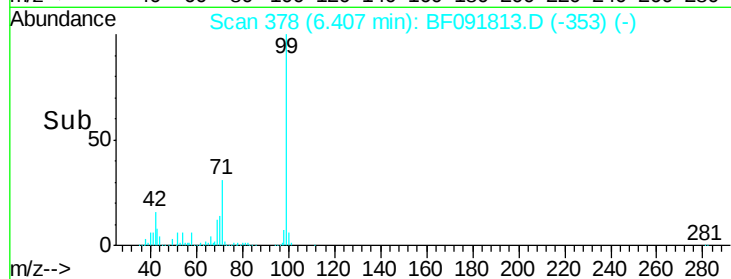
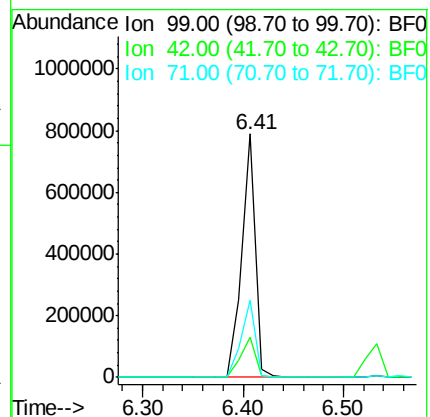
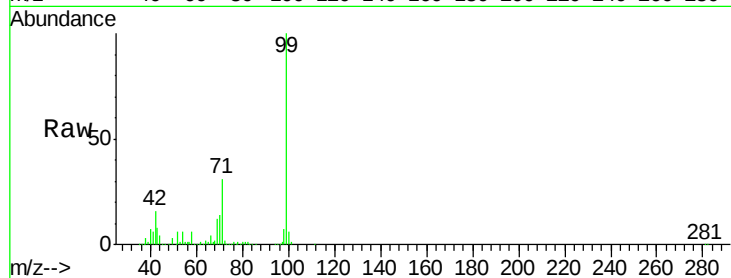
Tgt Ion: 99 Resp: 745151

Ion Ratio Lower Upper

99 100

42 16.2 15.6 23.4

71 31.5 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.28 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091813.D

Acq: 20 Dec 2016 12:04

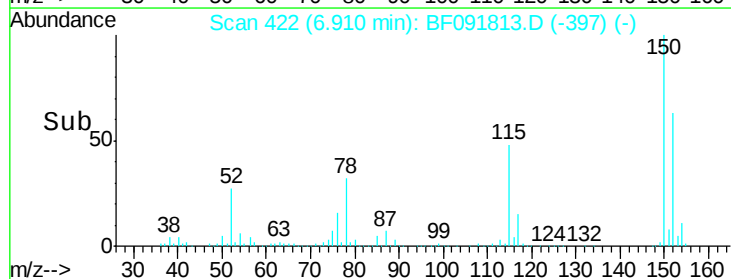
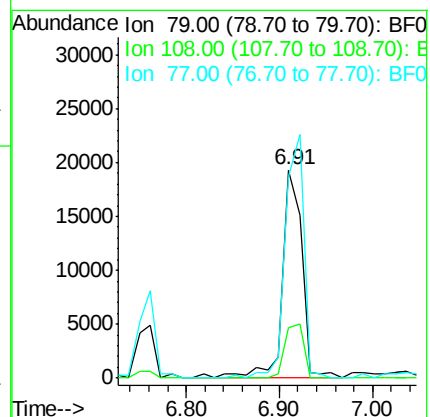
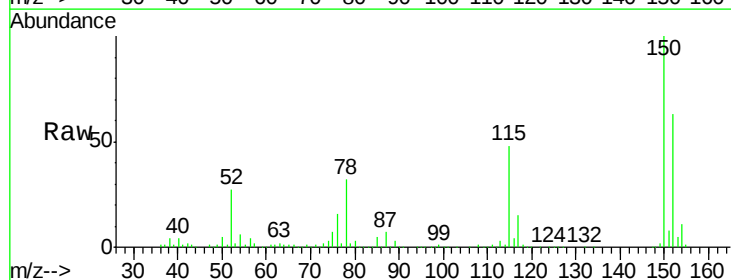
Tgt Ion: 79 Resp: 28079

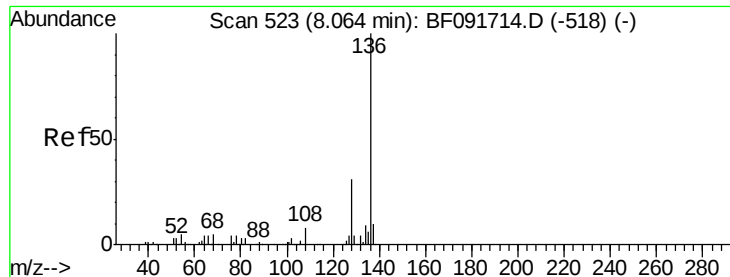
Ion Ratio Lower Upper

79 100

108 24.4 61.4 92.0#

77 96.9 50.9 76.3#

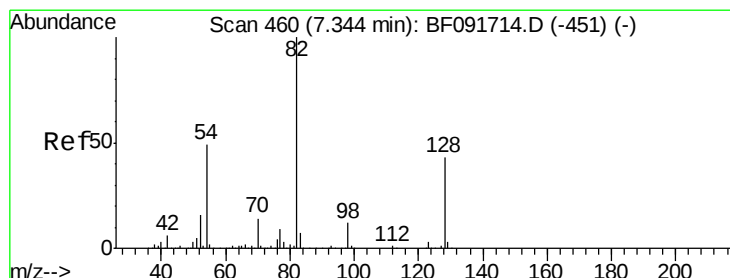
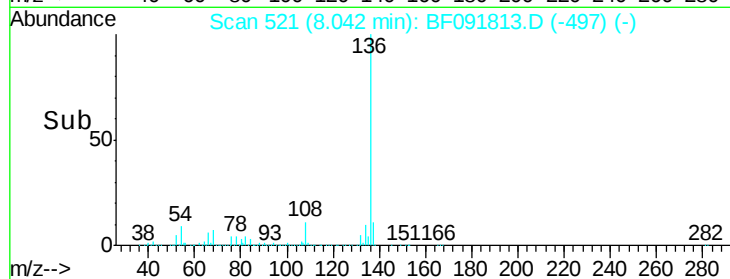
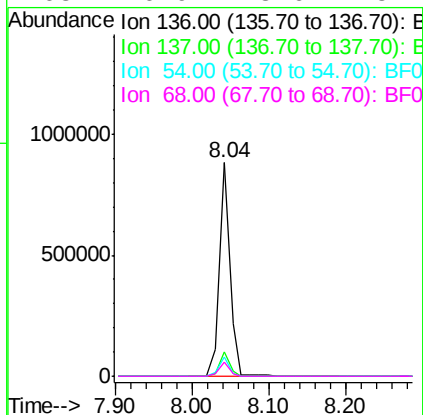
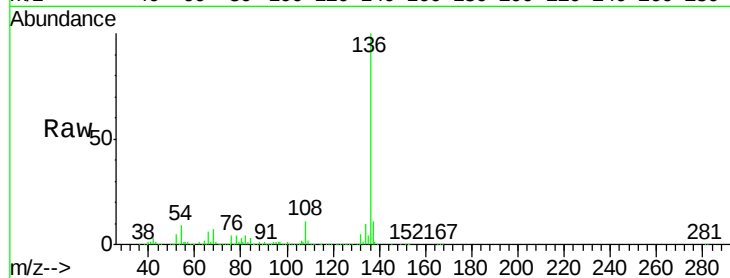




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091813.D
Acq: 20 Dec 2016 12:04

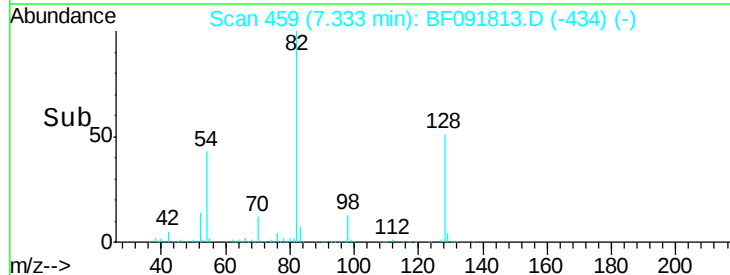
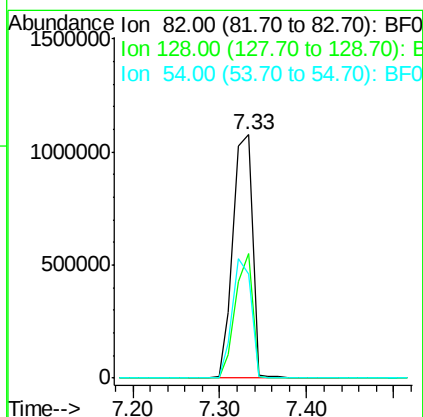
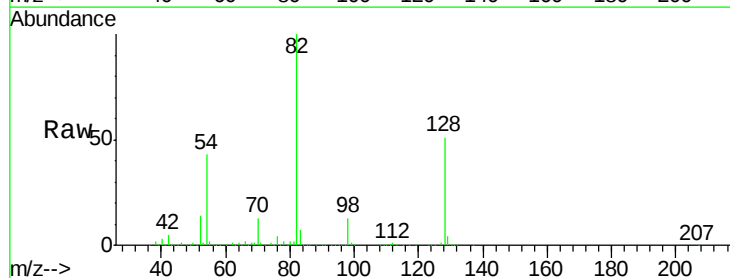
Instrument :
BNA_F
ClientSampleId :
MW-30

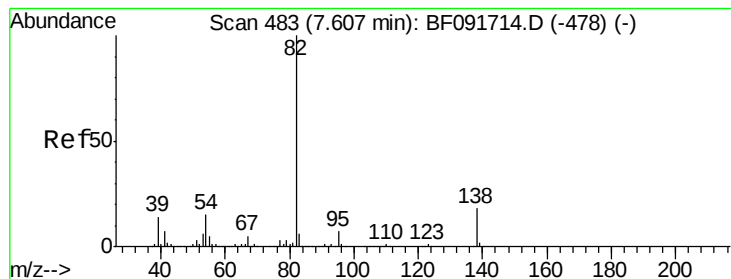
Tgt Ion:	136	Resp:	847192
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	8.8	4.5	6.7#
68	6.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 113.83 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091813.D
Acq: 20 Dec 2016 12:04

Tgt Ion:	82	Resp:	1672250
Ion	Ratio	Lower	Upper
82	100		
128	51.3	34.6	52.0
54	42.8	39.5	59.3





#25

Isophorone

Concen: 51.82 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.27 min

Lab File: BF091813.D

Acq: 20 Dec 2016 12:04

Instrument :

BNA_F

ClientSampleId :

MW-30

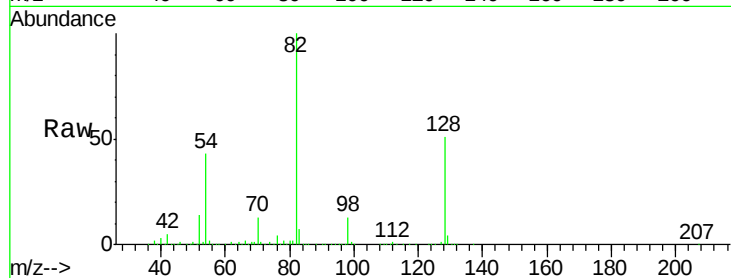
Tgt Ion: 82 Resp: 1452365

Ion Ratio Lower Upper

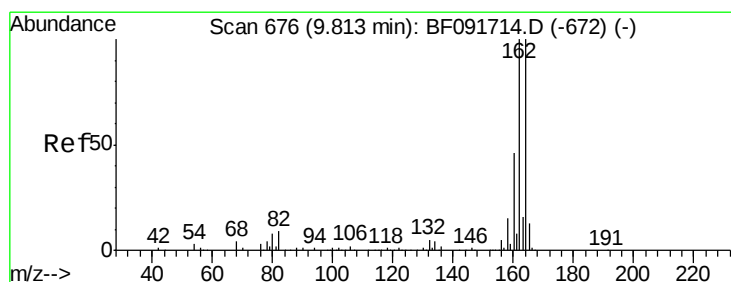
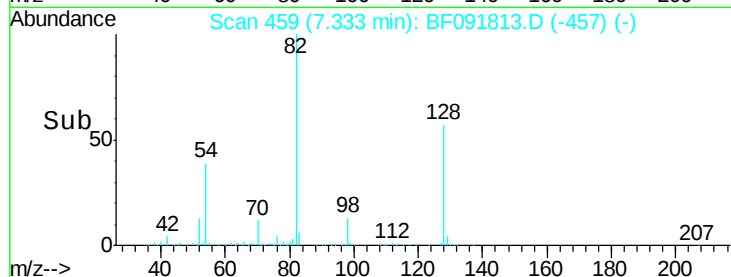
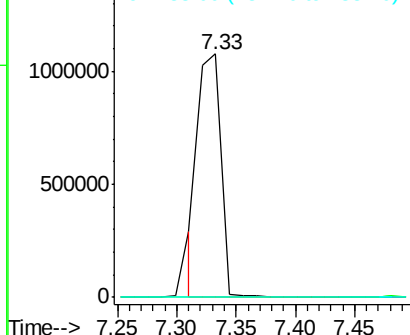
82 100

95 0.3 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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091813.D

Acq: 20 Dec 2016 12:04

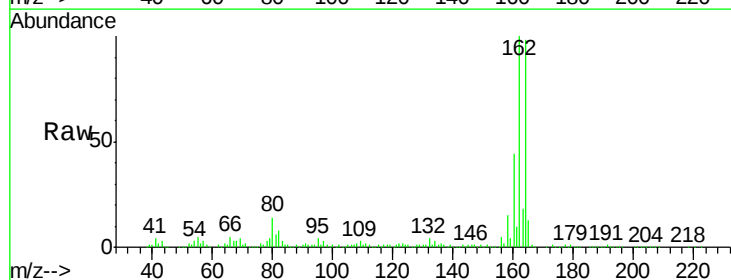
Tgt Ion: 164 Resp: 514111

Ion Ratio Lower Upper

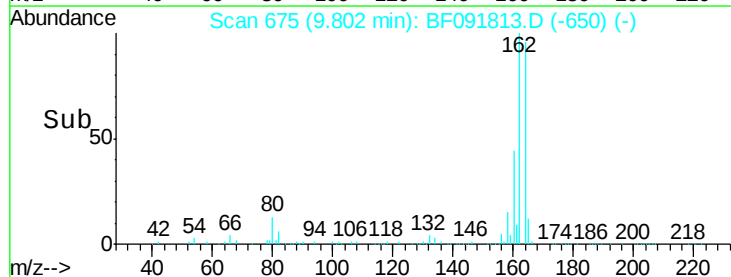
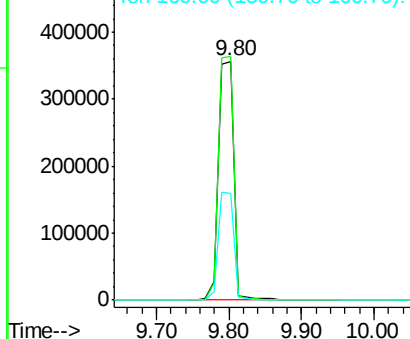
164 100

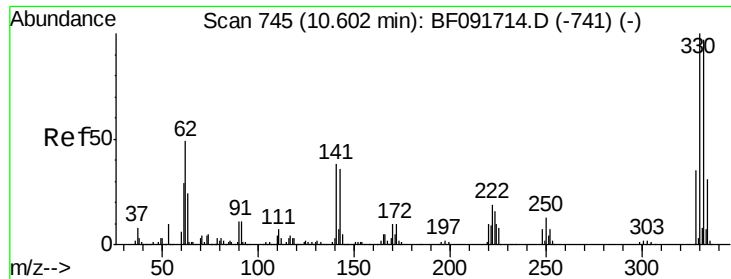
162 102.1 80.2 120.2

160 44.6 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

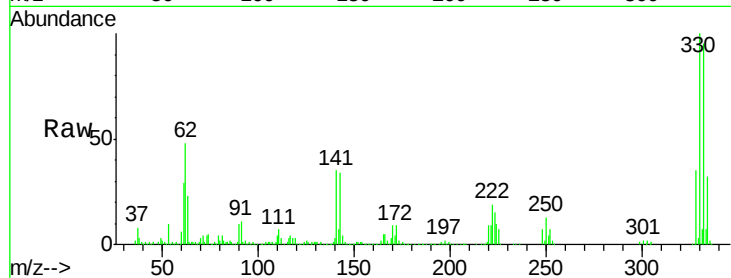




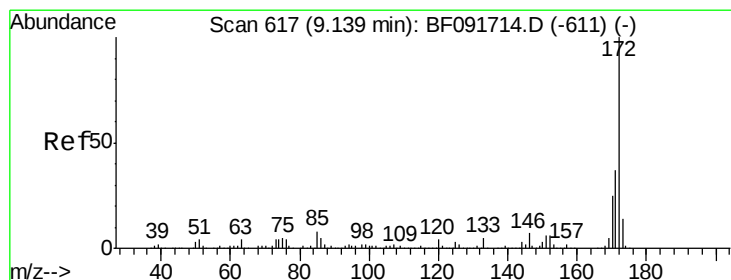
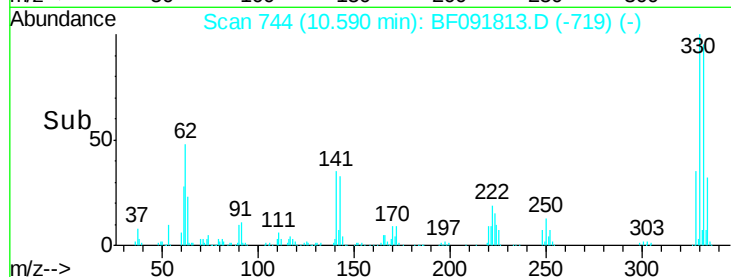
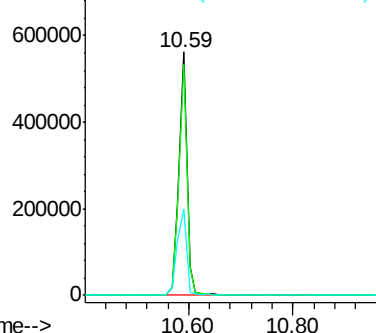
#41
 2,4,6-Tribromophenol
 Concen: 139.24 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091813.D
 Acq: 20 Dec 2016 12:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Tgt Ion:330 Resp: 606994
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.2
 141 39.7 34.1 51.1

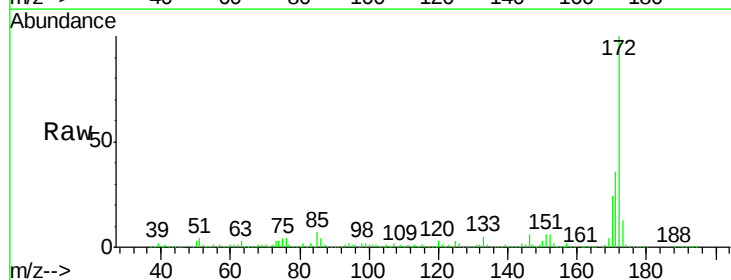


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

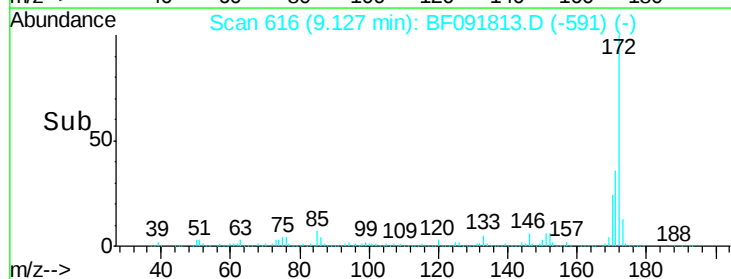
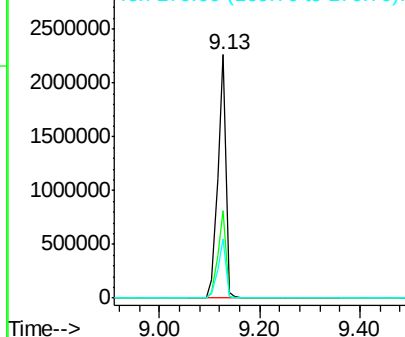


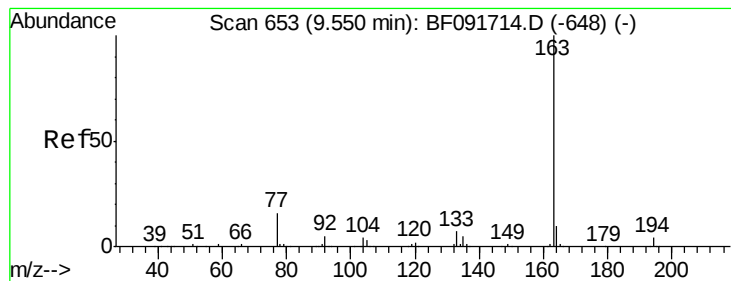
#44
 2-Fluorobiphenyl
 Concen: 97.97 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091813.D
 Acq: 20 Dec 2016 12:04

Tgt Ion:172 Resp: 2507125
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.4 20.2 30.4



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





#49

Dimethylphthalate

Concen: 2.30 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF091813.D

Acq: 20 Dec 2016 12:04

Instrument :

BNA_F

ClientSampleId :

MW-30

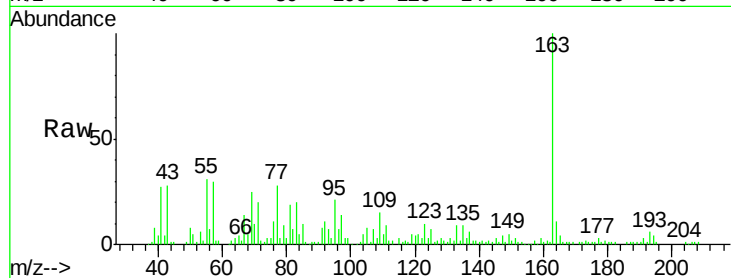
Tgt Ion:163 Resp: 77251

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

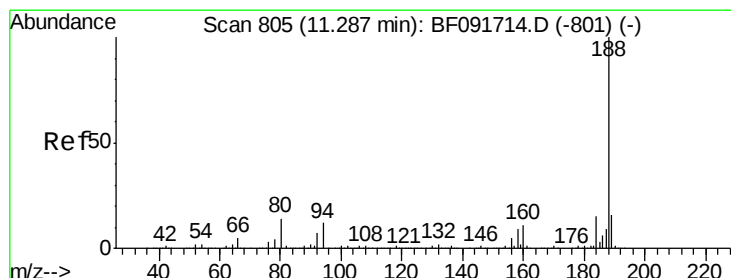
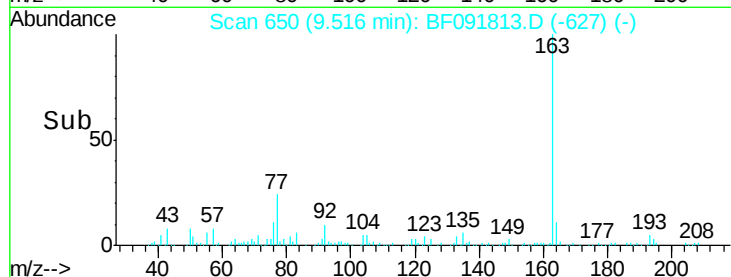
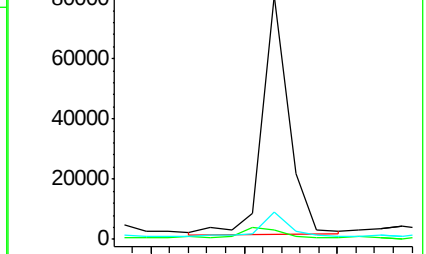
164 11.3 8.0 12.0



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: BF091813.D

Acq: 20 Dec 2016 12:04

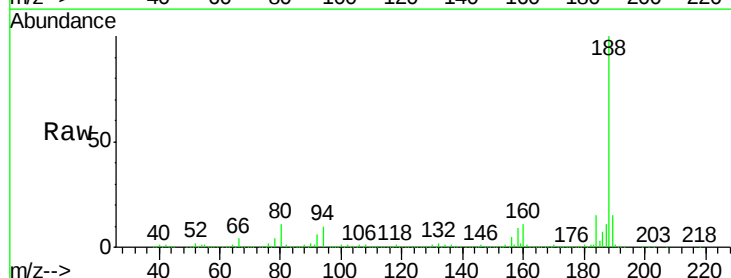
Tgt Ion:188 Resp: 760332

Ion Ratio Lower Upper

188 100

94 10.3 10.0 15.0

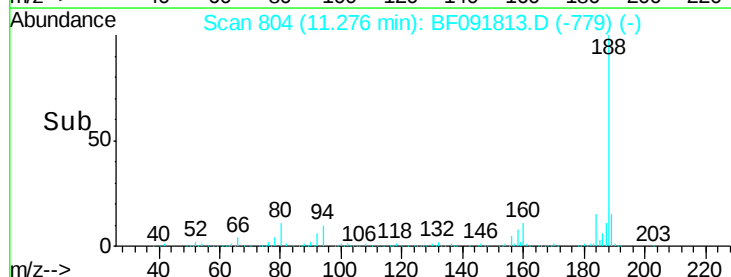
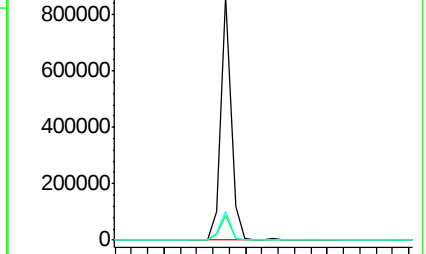
80 11.5 11.2 16.8

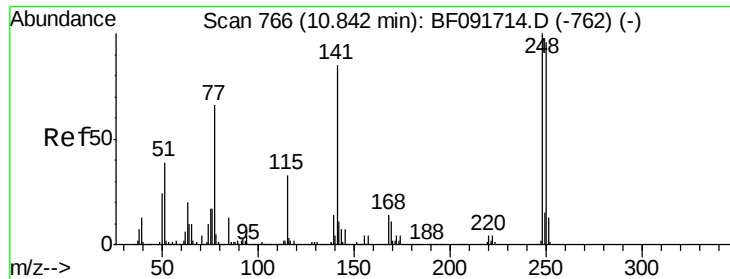


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.18 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF091813.D

Acq: 20 Dec 2016 12:04

Instrument :

BNA_F

ClientSampleId :

MW-30

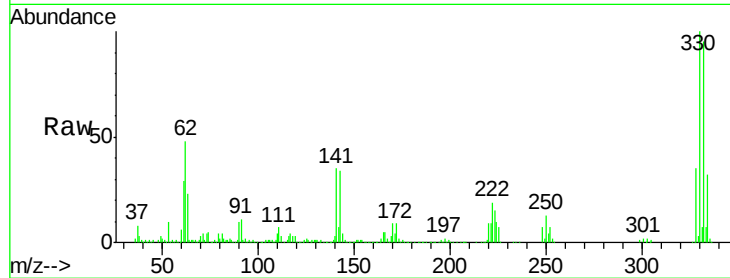
Tgt Ion:248 Resp: 41281

Ion Ratio Lower Upper

248 100

250 198.3 76.9 115.3#

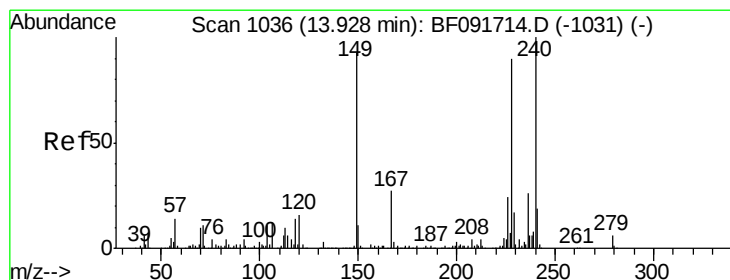
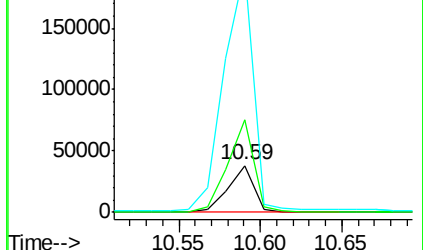
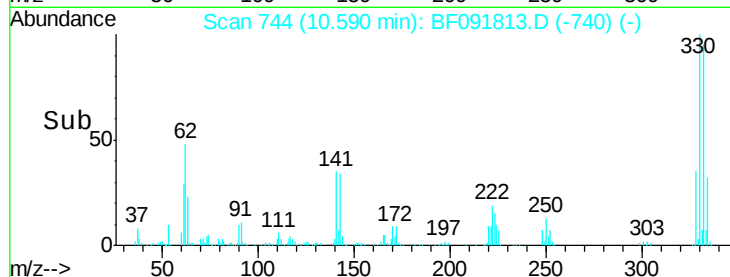
141 521.9 68.2 102.4#



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: BF091813.D

Acq: 20 Dec 2016 12:04

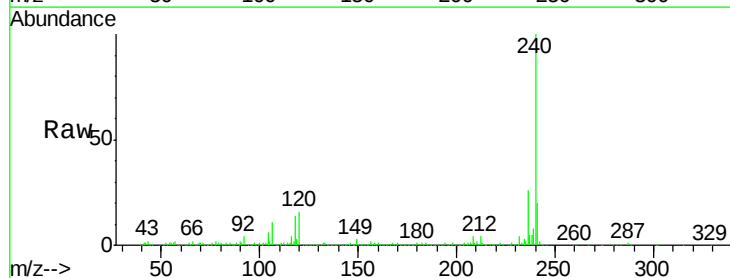
Tgt Ion:240 Resp: 690507

Ion Ratio Lower Upper

240 100

120 15.7 12.9 19.3

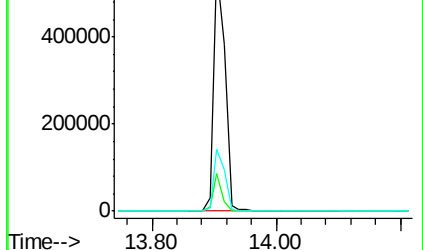
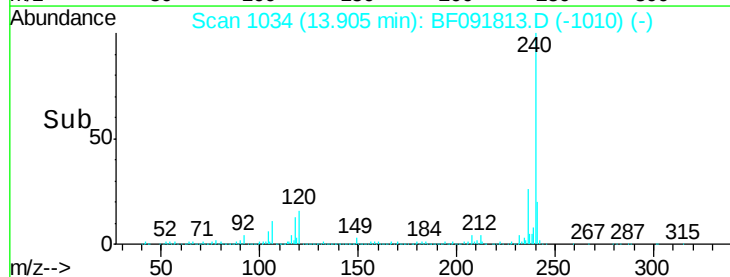
236 25.6 20.9 31.3

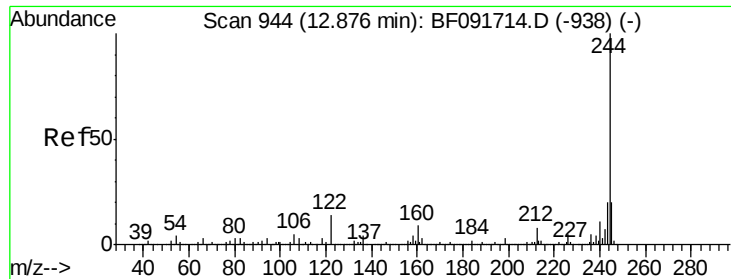


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

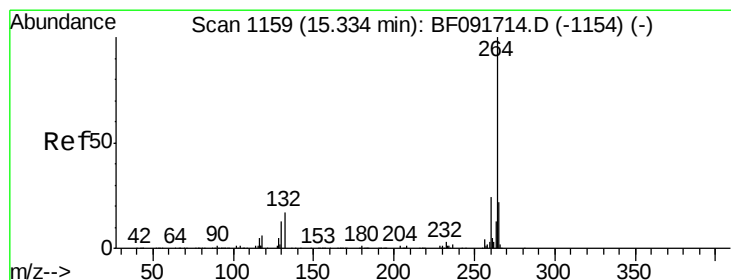
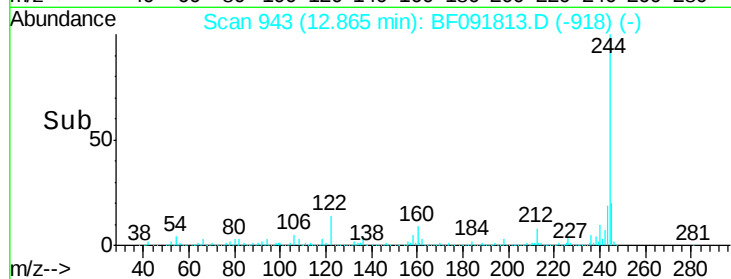
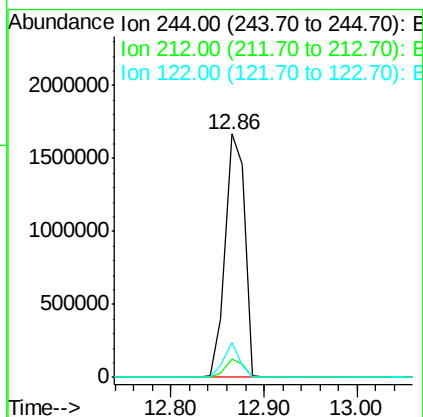
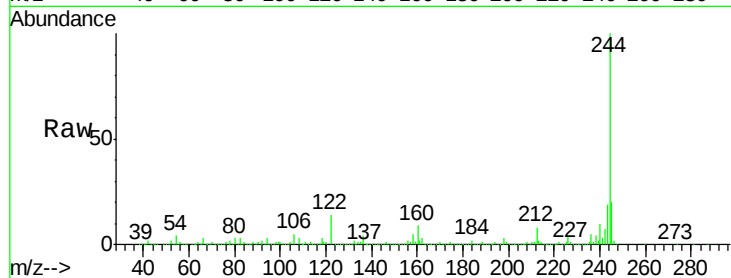




#78
 Terphenyl-d14
 Concen: 89.75 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091813.D
 Acq: 20 Dec 2016 12:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Tgt Ion:244 Resp: 2454374
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091813.D
 Acq: 20 Dec 2016 12:04

Tgt Ion:264 Resp: 557959
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.1 17.4 26.0

