

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091787.D
 Acq On : 19 Dec 2016 21:47
 Operator : UM/SJ
 Sample : H6011-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Dec 20 00:00:07 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

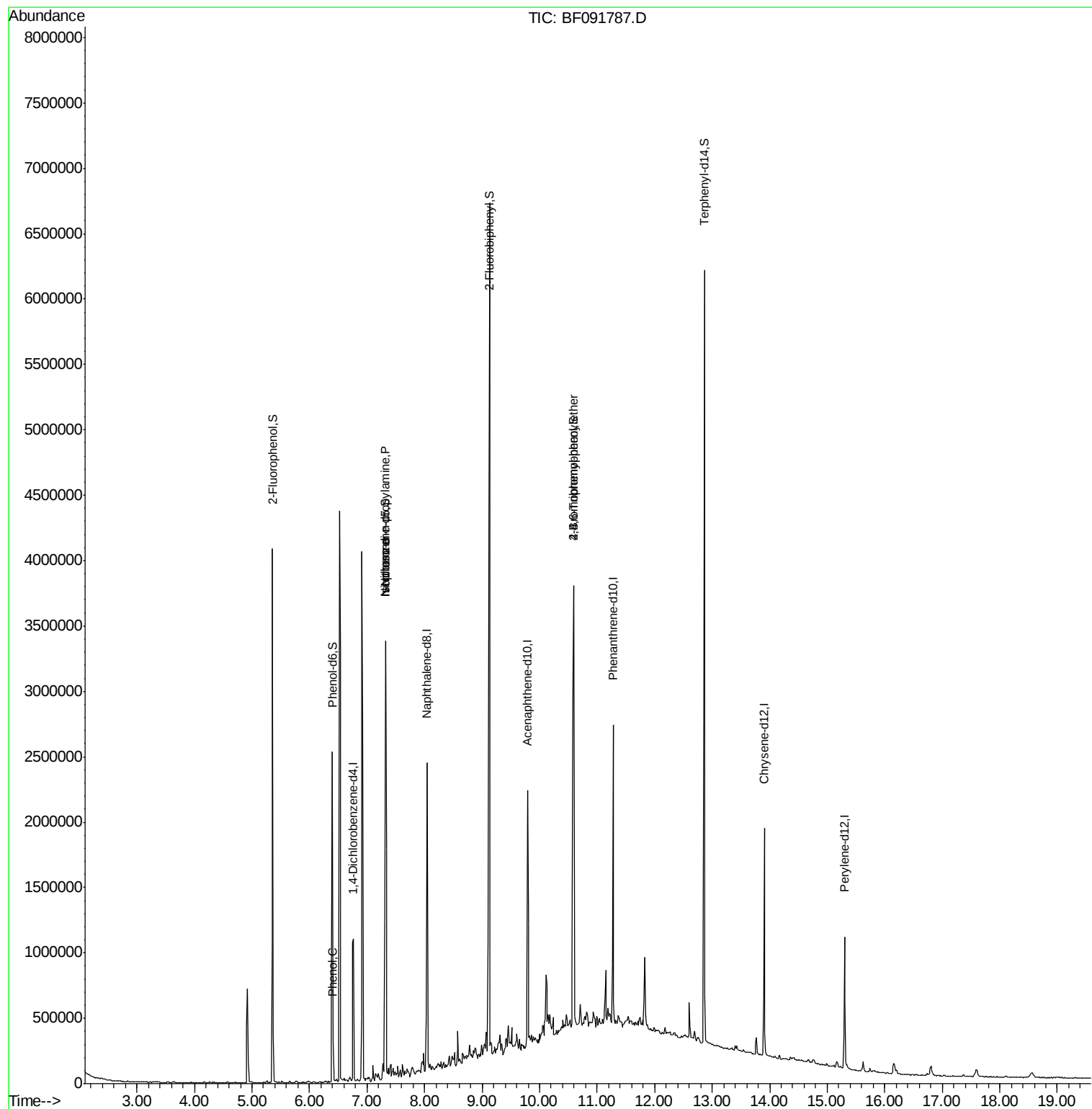
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	249172	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	995518	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	491402	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	798061	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	595301	20.00	ng	-0.02
86) Perylene-d12	15.30	264	462850	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1115415	75.00	ng	-0.01
7) Phenol-d6	6.40	99	804668	44.36	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1553658	90.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	560123	134.42	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2636038	107.77	ng	-0.01
78) Terphenyl-d14	12.87	244	1992073	84.49	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	1153	Below Cal	#	85
10) Phenol	6.41	94	48273	2.36	ng	# 71
19) n-Nitroso-di-n-propylamine	7.32	70	211293	17.51	ng	# 78
25) Isophorone	7.32	82	1232630	37.42	ng	# 65
66) 4-Bromophenyl-phenylether	10.59	248	38286	4.57	ng	# 1

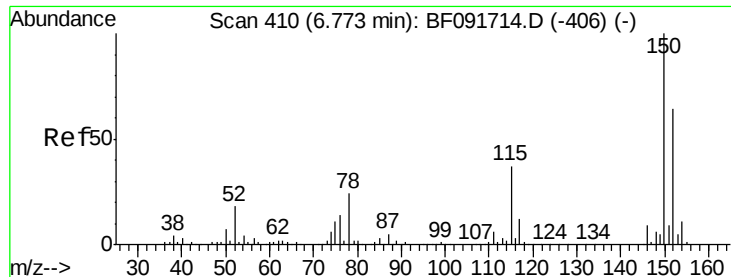
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091787.D

Acq: 19 Dec 2016 21:47

Instrument :

BNA_F

ClientSampleId :

MW-07

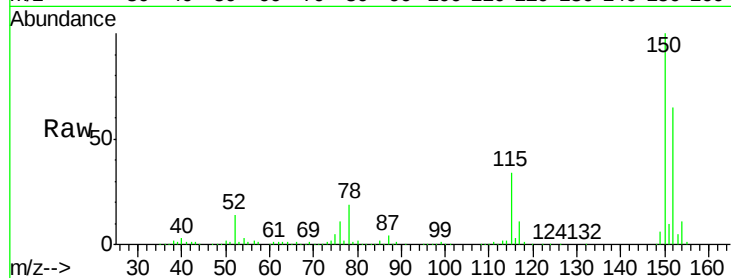
Tgt Ion:152 Resp: 249172

Ion Ratio Lower Upper

152 100

150 154.3 124.9 187.3

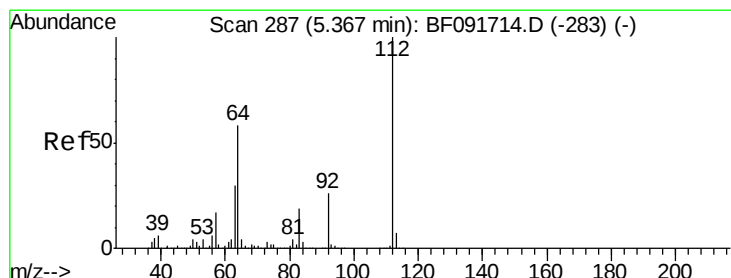
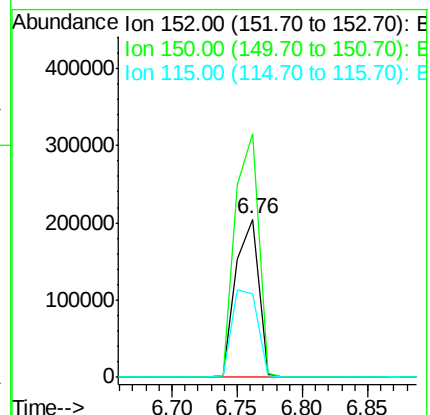
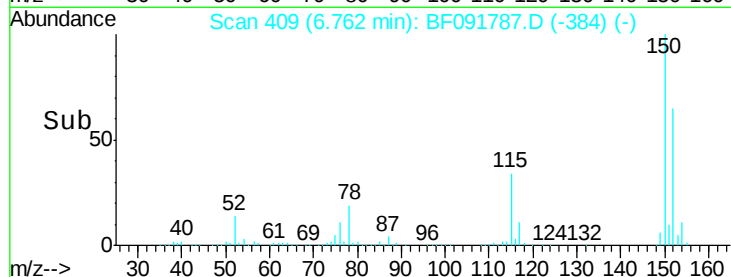
115 52.6 46.0 69.0



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: 75.00 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091787.D

Acq: 19 Dec 2016 21:47

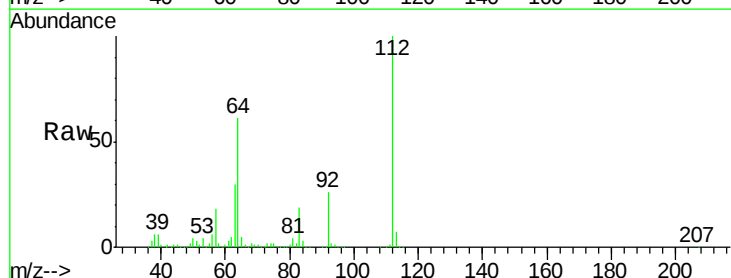
Tgt Ion:112 Resp: 1115415

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

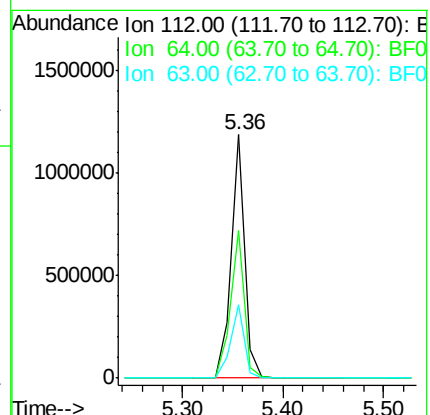
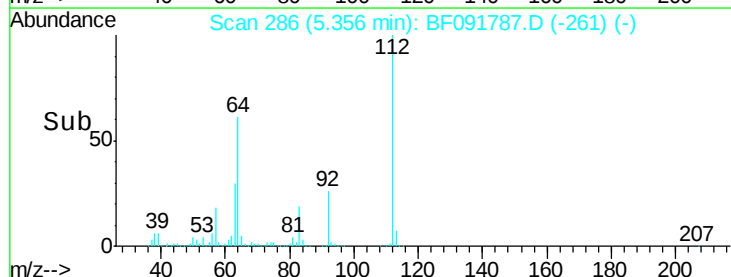
63 30.4 23.8 35.6

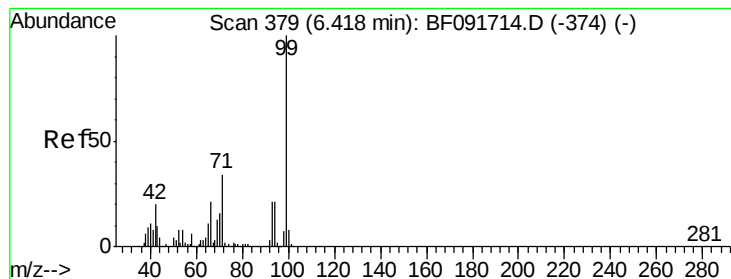


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.36 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091787.D

Acq: 19 Dec 2016 21:47

Instrument :

BNA_F

ClientSampleId :

MW-07

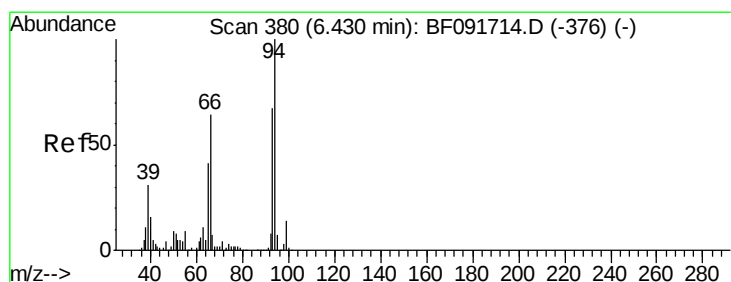
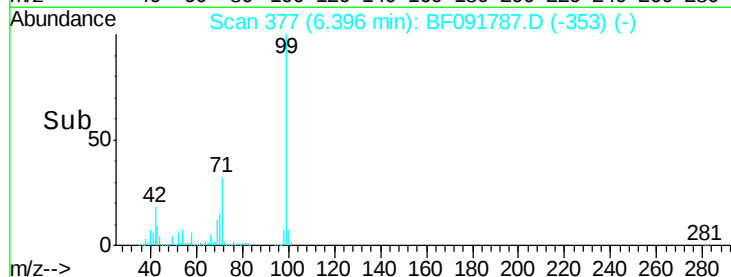
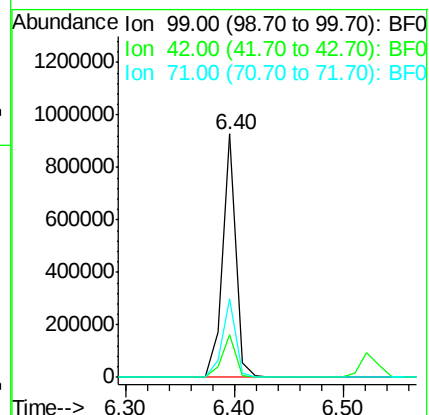
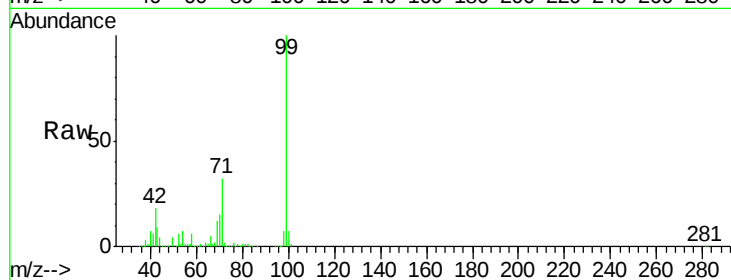
Tgt Ion: 99 Resp: 804668

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

71 32.4 27.5 41.3



#10

Phenol

Concen: 2.36 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF091787.D

Acq: 19 Dec 2016 21:47

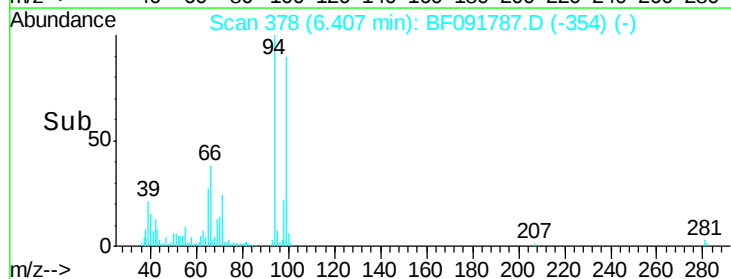
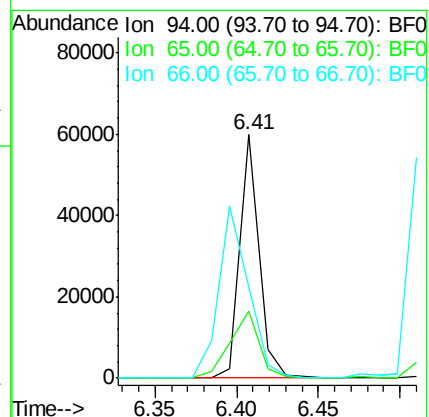
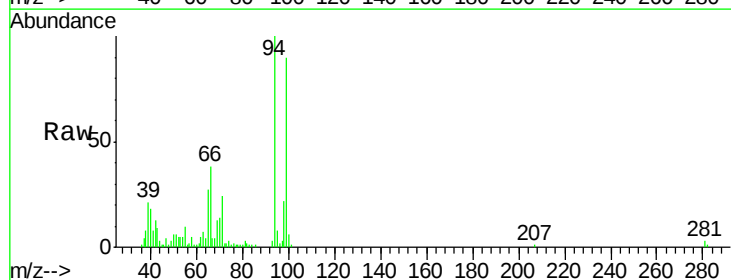
Tgt Ion: 94 Resp: 48273

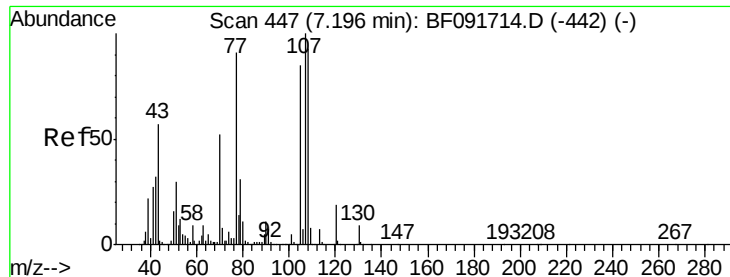
Ion Ratio Lower Upper

94 100

65 27.3 21.4 61.4

66 37.5 44.0 84.0#





#19

n-Nitroso-di-n-propylamine

Concen: 17.51 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.13 min

Lab File: BF091787.D

Acq: 19 Dec 2016 21:47

Instrument :

BNA_F

ClientSampleId :

MW-07

Tgt Ion: 70 Resp: 211293

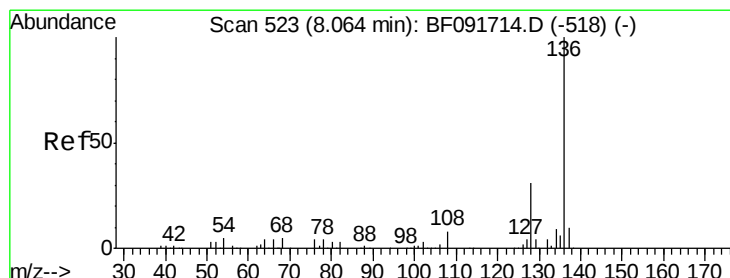
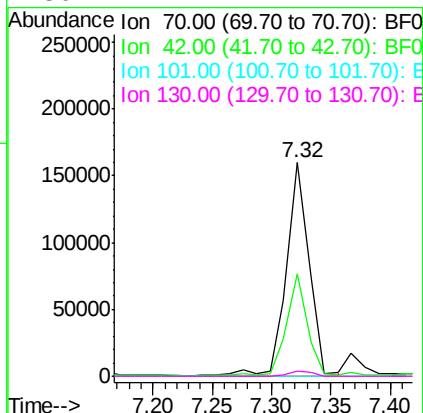
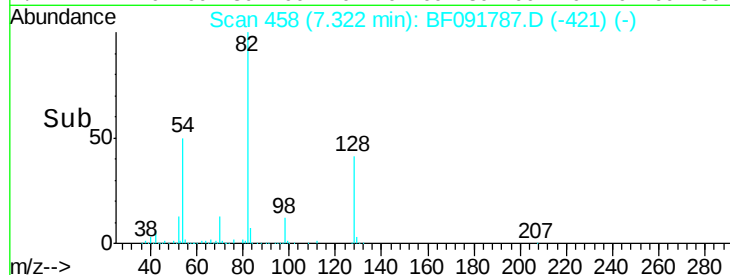
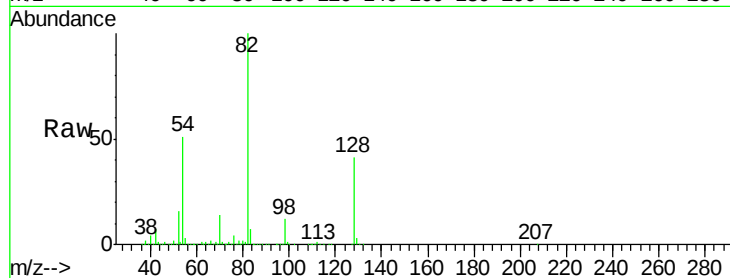
Ion Ratio Lower Upper

70 100

42 48.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 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: BF091787.D

Acq: 19 Dec 2016 21:47

Tgt Ion: 136 Resp: 995518

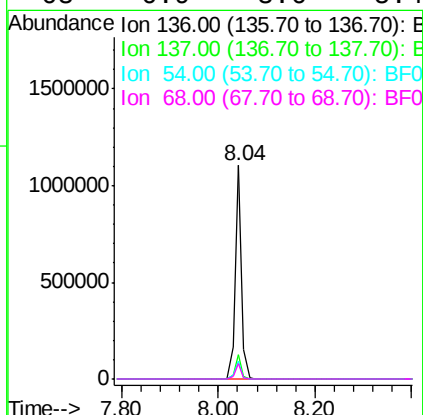
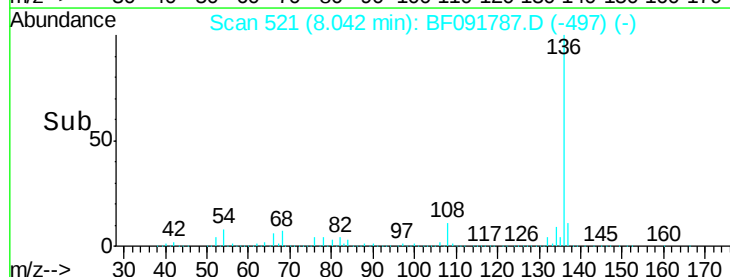
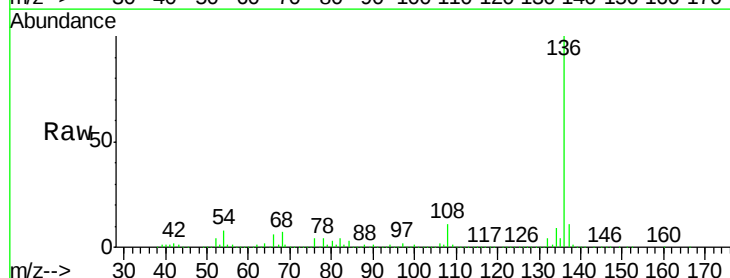
Ion Ratio Lower Upper

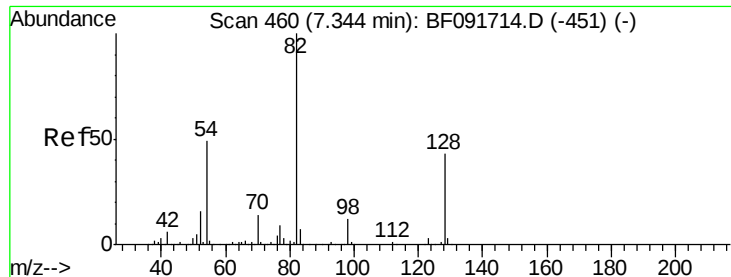
136 100

137 11.3 8.4 12.6

54 8.4 4.5 6.7#

68 6.9 3.6 5.4#

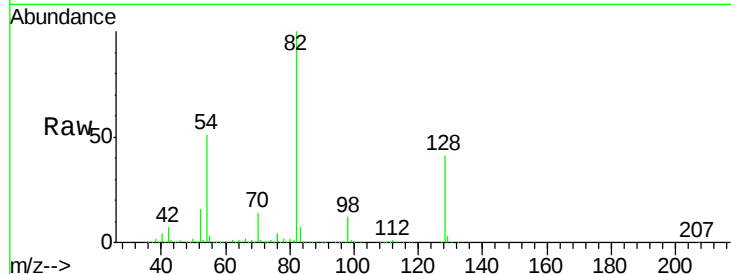




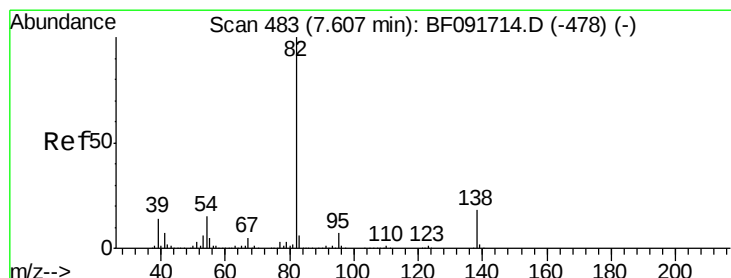
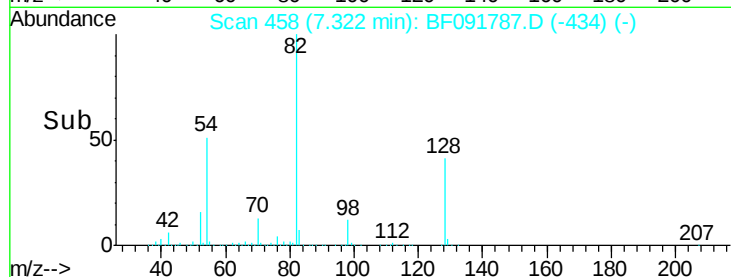
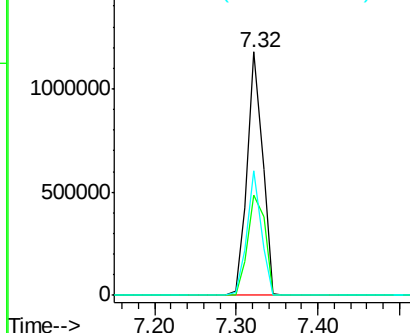
#23
Nitrobenzene-d5
Concen: 90.00 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091787.D
Acq: 19 Dec 2016 21:47

Instrument :
BNA_F
ClientSampleId :
MW-07

Tgt Ion: 82 Resp: 1553658
Ion Ratio Lower Upper
82 100
128 41.1 34.6 52.0
54 51.1 39.5 59.3

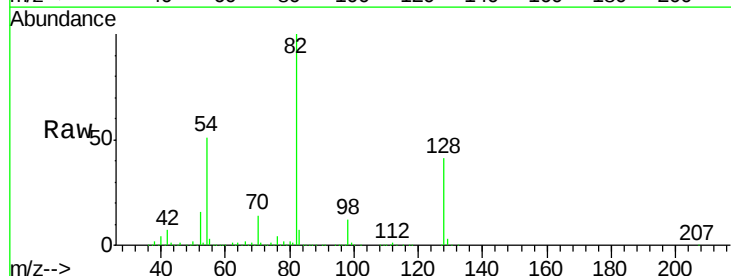


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

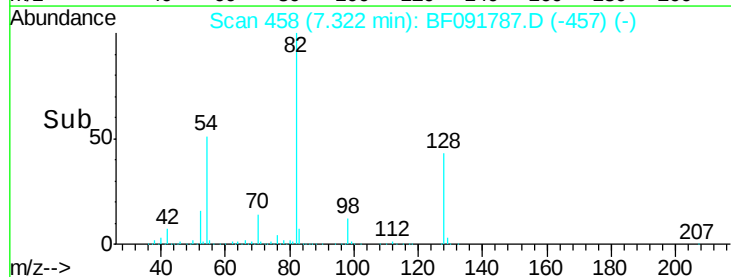
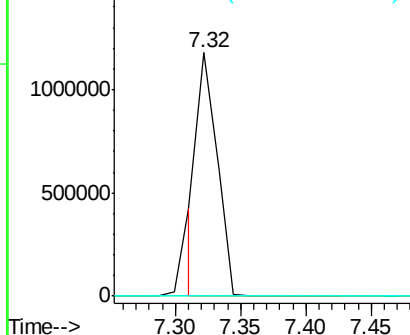


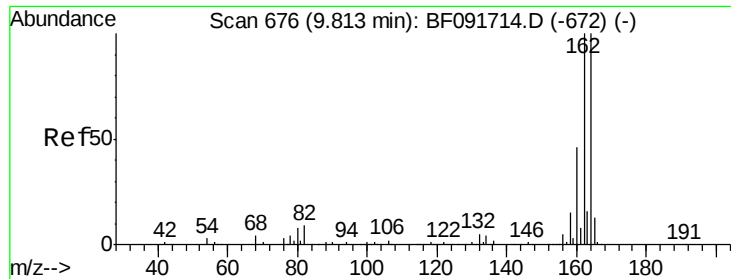
#25
Isophorone
Concen: 37.42 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF091787.D
Acq: 19 Dec 2016 21:47

Tgt Ion: 82 Resp: 1232630
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): BF0

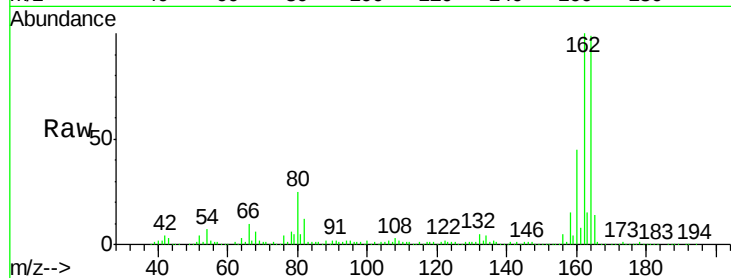




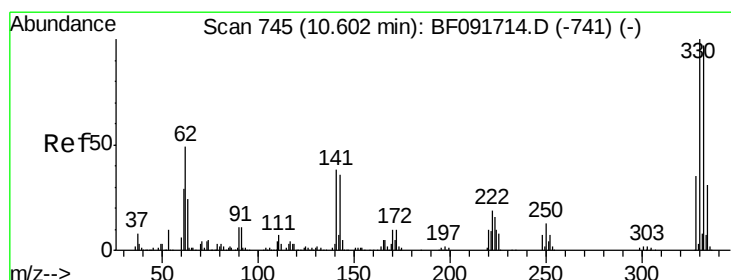
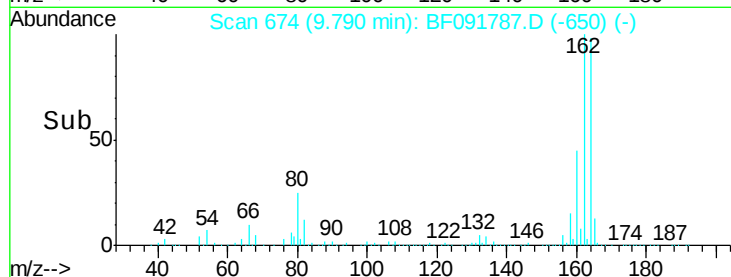
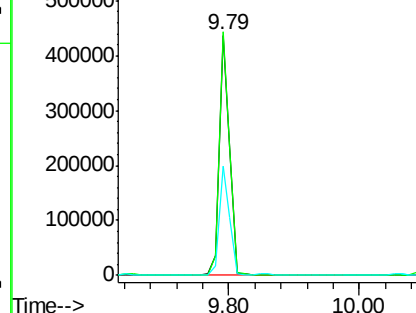
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091787.D
Acq: 19 Dec 2016 21:47

Instrument :
BNA_F
ClientSampleId :
MW-07

Tgt Ion:164 Resp: 491402
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 45.3 36.9 55.3

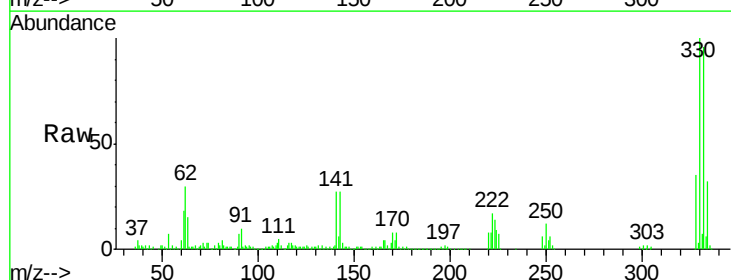


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

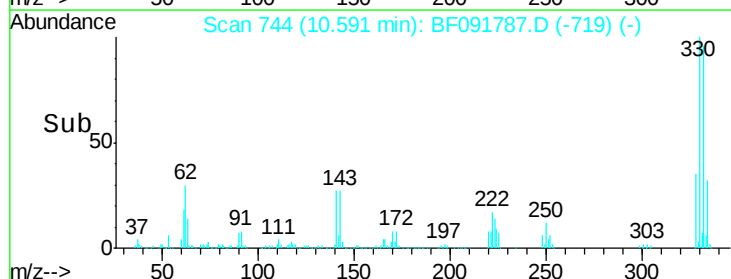
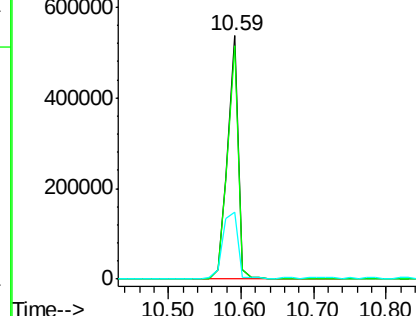


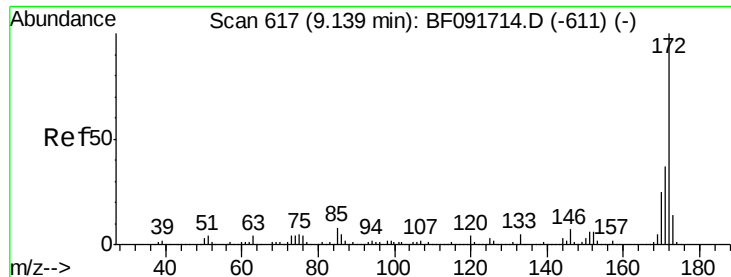
#41
2,4,6-Tribromophenol
Concen: 134.42 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091787.D
Acq: 19 Dec 2016 21:47

Tgt Ion:330 Resp: 560123
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 37.4 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

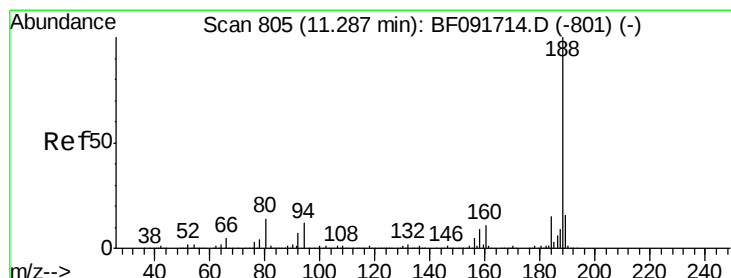
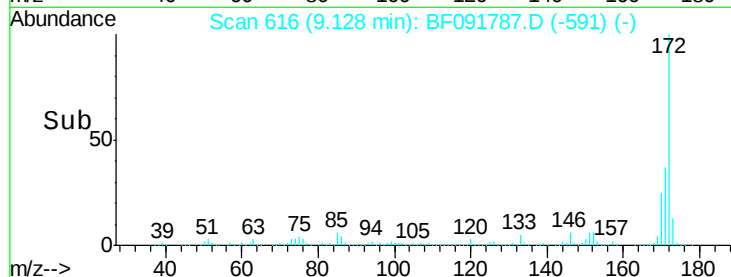
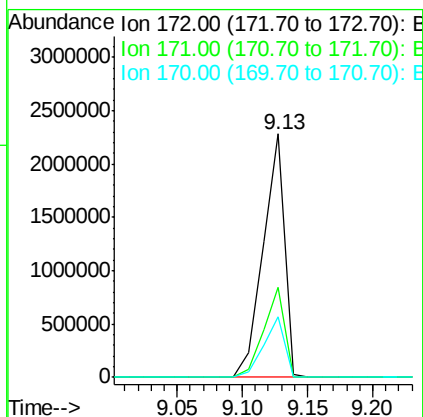
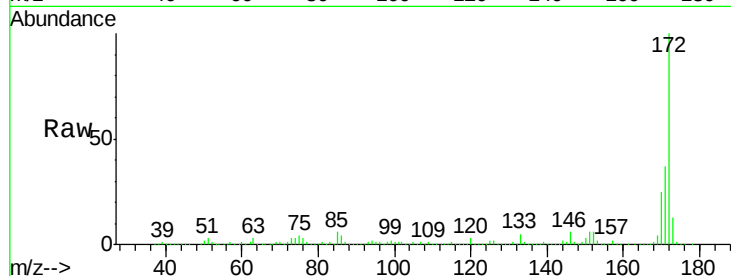




#44
 2-Fluorobiphenyl
 Concen: 107.77 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091787.D
 Acq: 19 Dec 2016 21:47

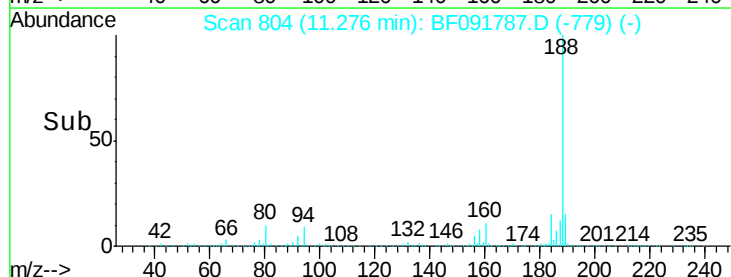
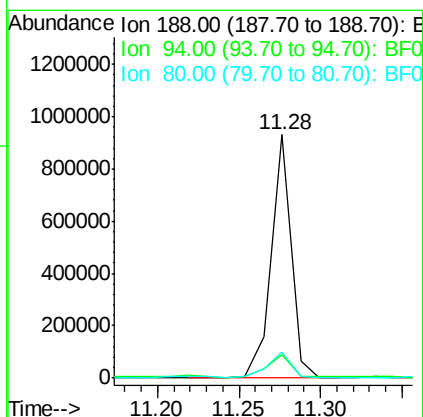
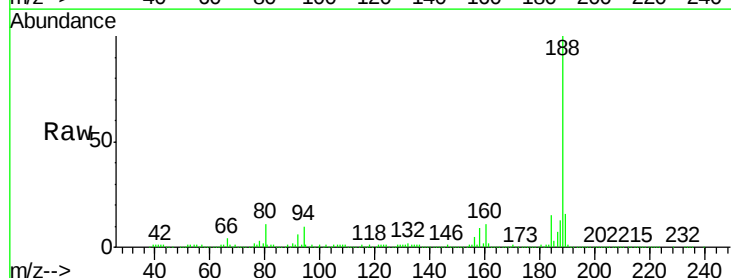
Instrument :
 BNA_F
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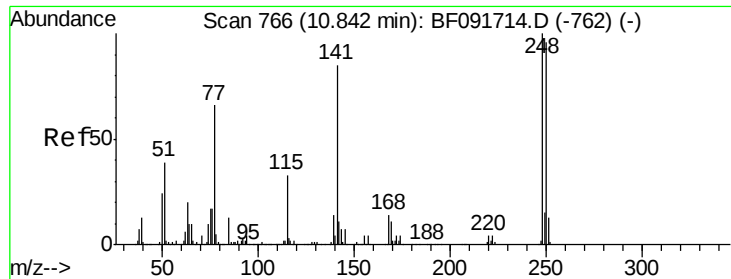
Tgt Ion:172 Resp: 2636038
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 25.1 20.2 30.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF091787.D
 Acq: 19 Dec 2016 21:47

Tgt Ion:188 Resp: 798061
 Ion Ratio Lower Upper
 188 100
 94 9.8 10.0 15.0#
 80 10.5 11.2 16.8#





#66

4-Bromophenyl-phenylether

Concen: 4.57 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF091787.D

Acq: 19 Dec 2016 21:47

Instrument :

BNA_F

ClientSampleId :

MW-07

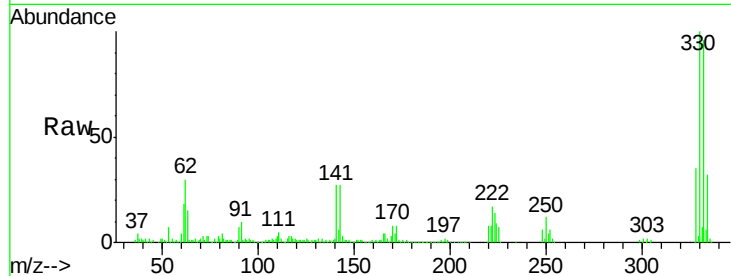
Tgt Ion:248 Resp: 38286

Ion Ratio Lower Upper

248 100

250 189.5 76.9 115.3#

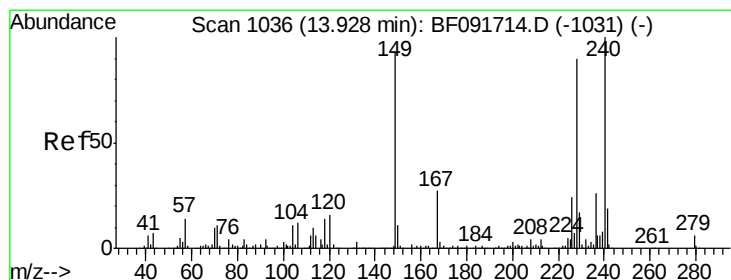
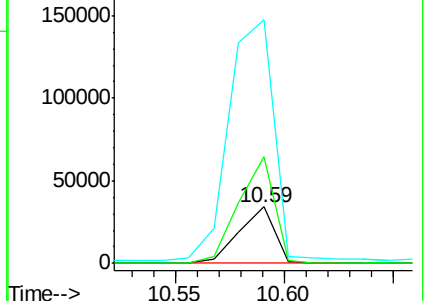
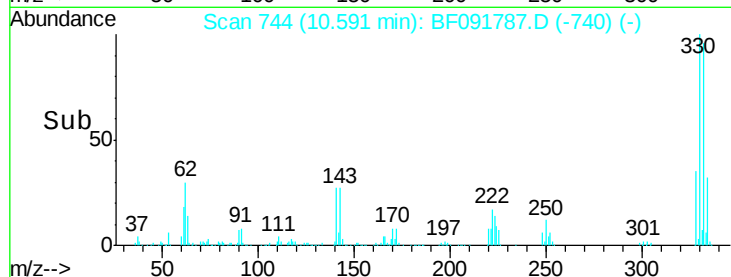
141 431.1 68.2 102.4#



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: BF091787.D

Acq: 19 Dec 2016 21:47

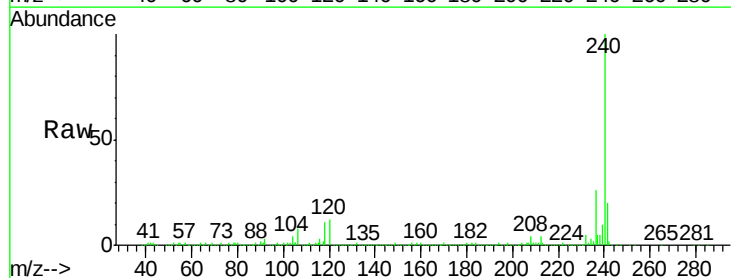
Tgt Ion:240 Resp: 595301

Ion Ratio Lower Upper

240 100

120 12.2 12.9 19.3#

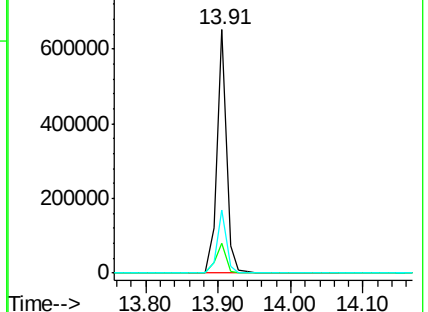
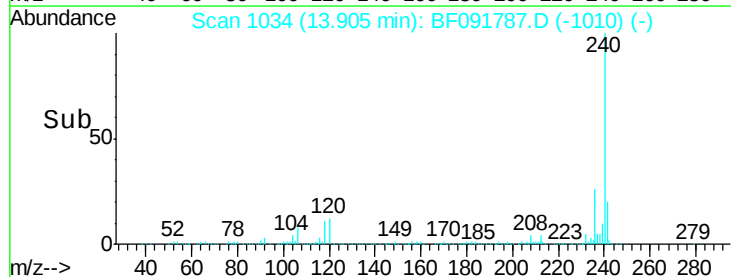
236 26.0 20.9 31.3

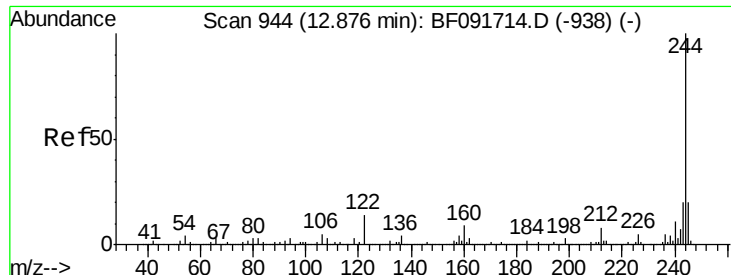


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

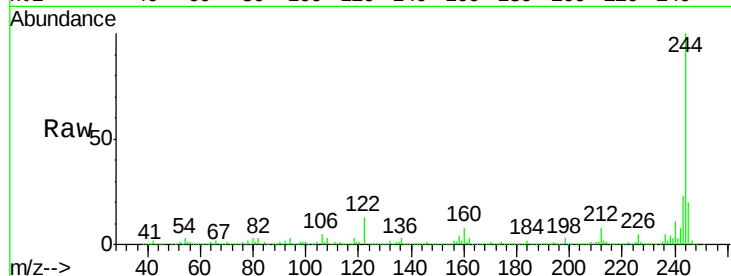




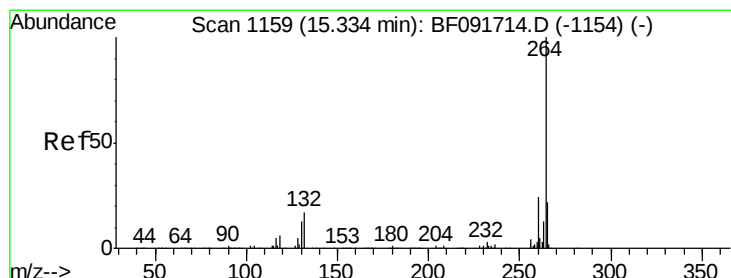
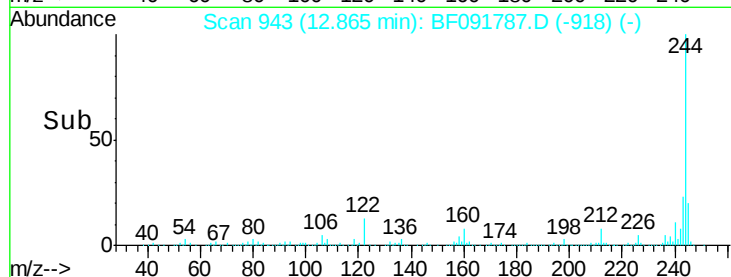
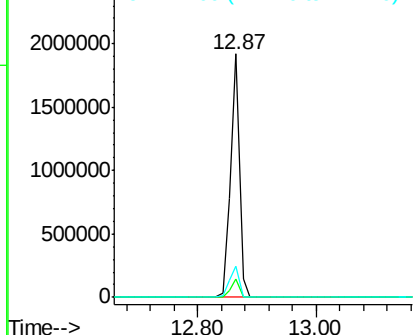
#78
 Terphenyl-d14
 Concen: 84.49 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091787.D
 Acq: 19 Dec 2016 21:47

Instrument :
 BNA_F
 ClientSampled :
 MW-07

Tgt Ion:244 Resp: 1992073
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 13.0 11.4 17.2

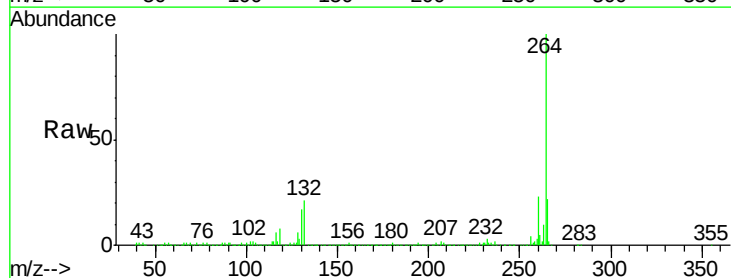


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF091787.D
 Acq: 19 Dec 2016 21:47

Tgt Ion:264 Resp: 462850
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.3 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

