

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091783.D
 Acq On : 19 Dec 2016 19:58
 Operator : UM/SJ
 Sample : PB95441BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BL

Quant Time: Dec 19 23:57:54 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

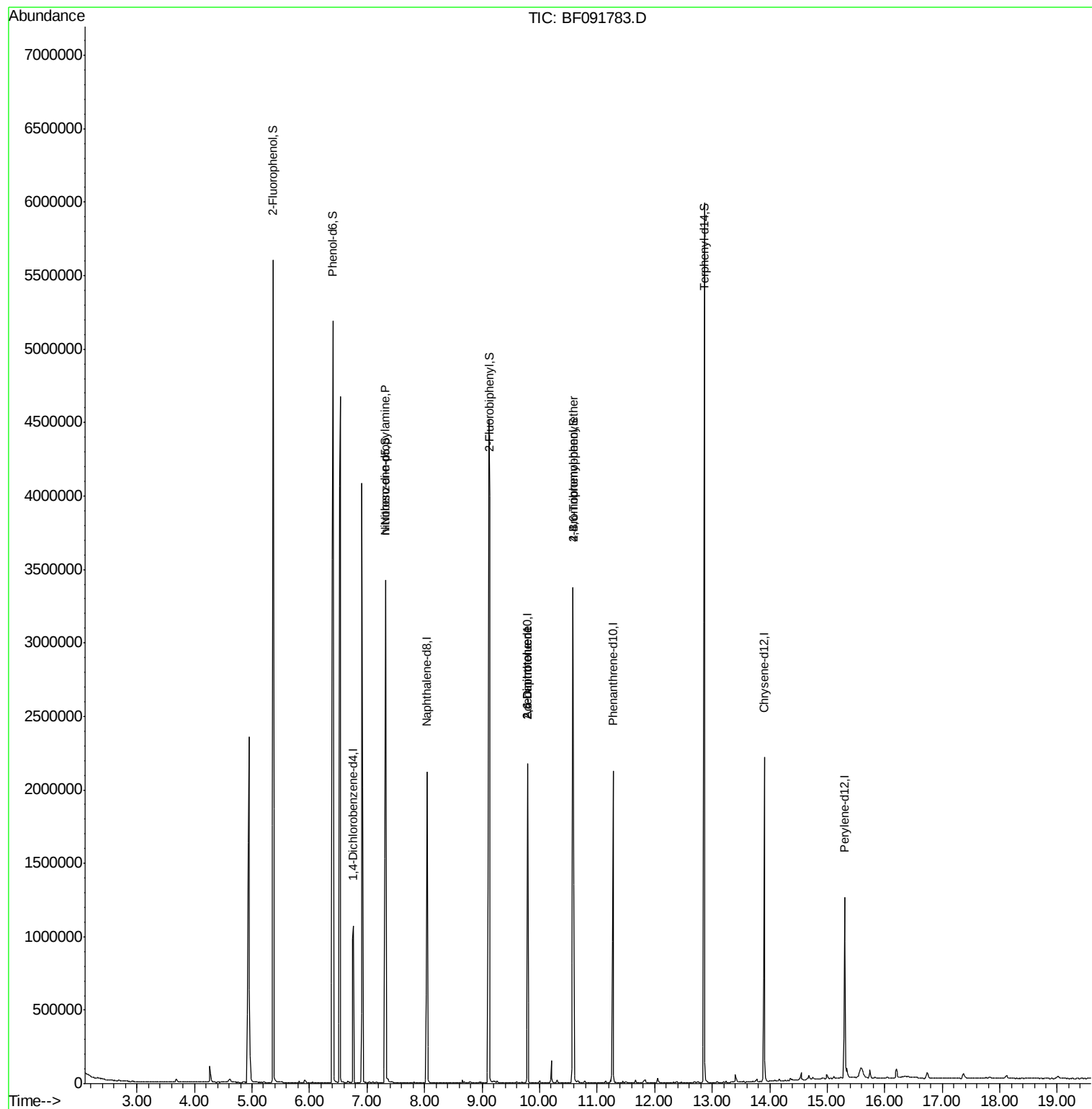
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	240339	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	1007850	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	506161	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	889817	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	745471	20.00	ng	-0.02
86) Perylene-d12	15.30	264	643270	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1868291	130.24	ng	0.00
7) Phenol-d6	6.41	99	2310741	132.08	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1315406	75.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	515402	120.08	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	2359901	93.67	ng	-0.01
78) Terphenyl-d14	12.87	244	2114157	71.61	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.41	77	3343	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	180429	15.50 ng	#	78
50) 2,6-Dinitrotoluene	9.79	165	65967	9.10 ng	#	30
56) 2,4-Dinitrotoluene	9.79	165	65971	7.29 ng	#	20
66) 4-Bromophenyl-phenylether	10.58	248	30564	3.28 ng	#	1

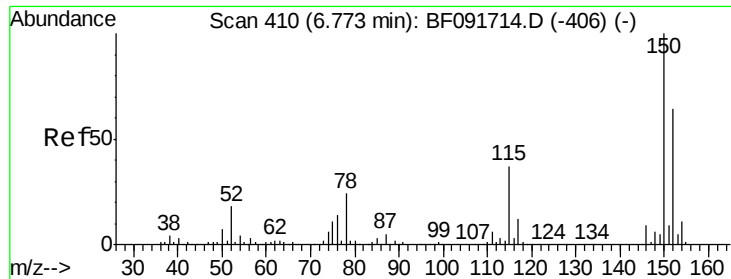
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091783.D

Acq: 19 Dec 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB95441BL

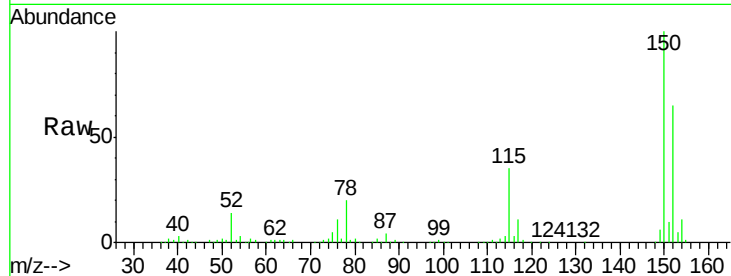
Tgt Ion:152 Resp: 240339

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

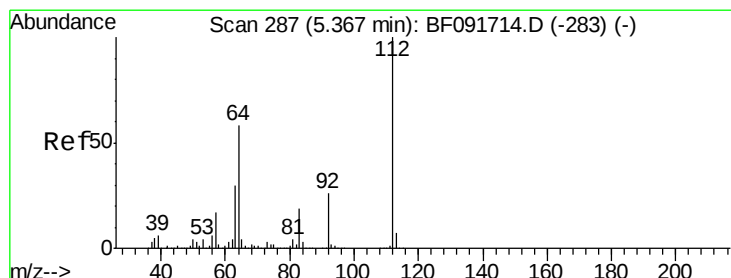
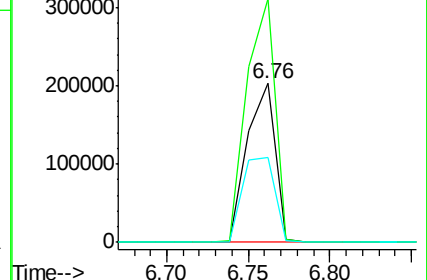
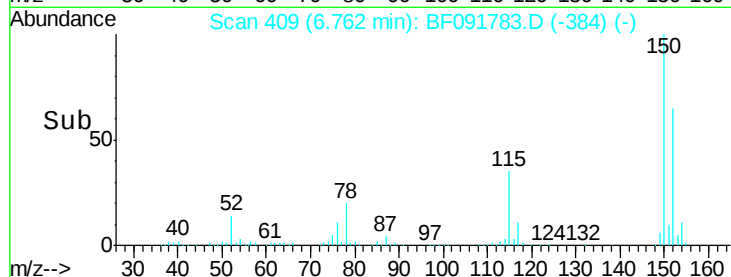
115 53.2 46.0 69.0



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: 130.24 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091783.D

Acq: 19 Dec 2016 19:58

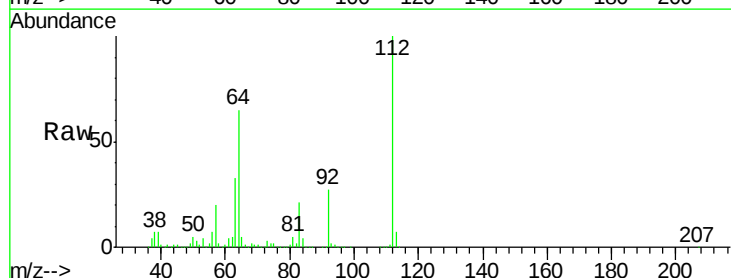
Tgt Ion:112 Resp: 1868291

Ion Ratio Lower Upper

112 100

64 64.6 46.1 69.1

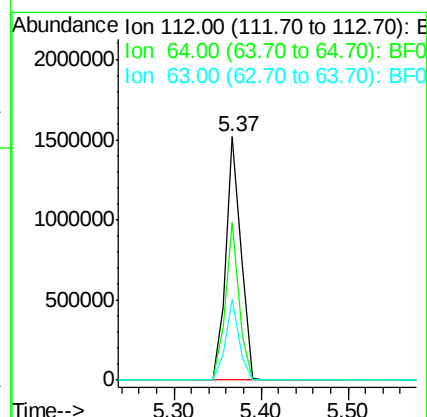
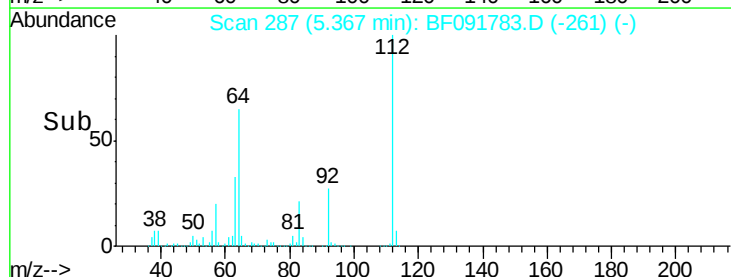
63 33.4 23.8 35.6

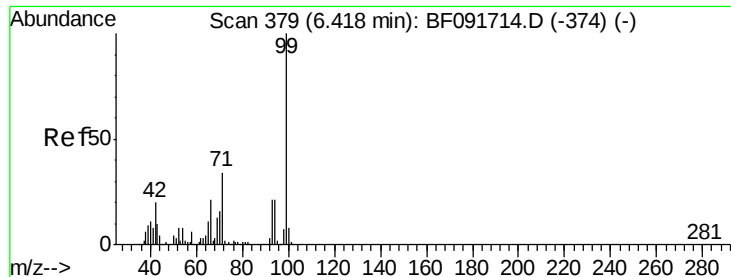


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.08 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091783.D

Acq: 19 Dec 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB95441BL

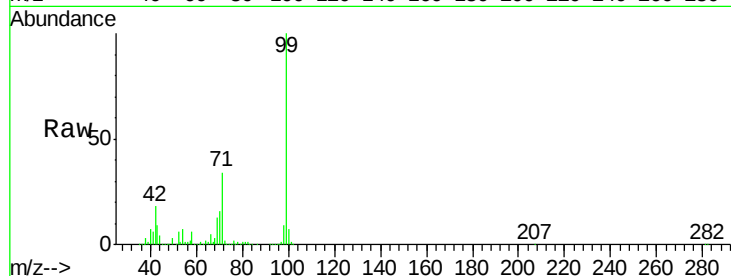
Tgt Ion: 99 Resp: 2310741

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

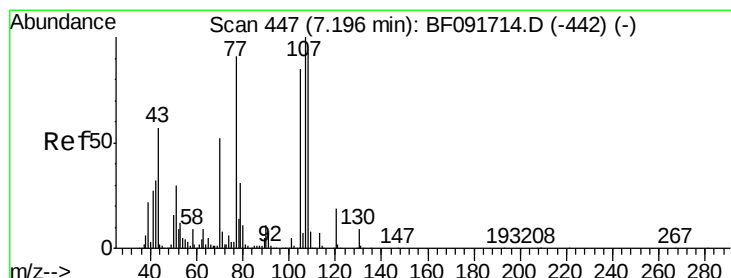
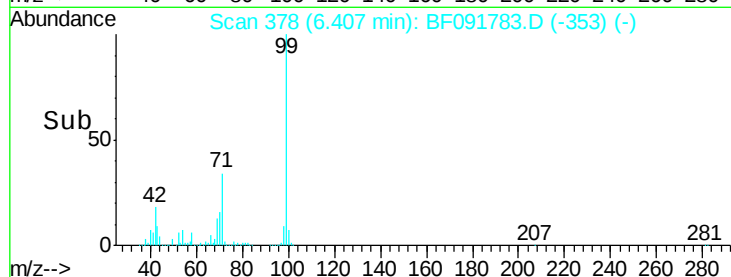
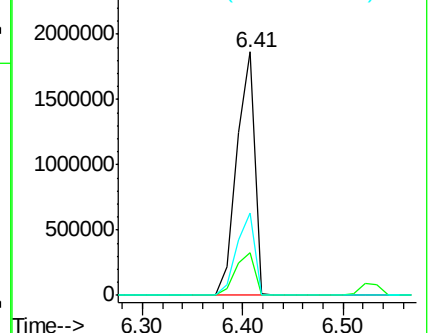
71 33.6 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.50 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.13 min

Lab File: BF091783.D

Acq: 19 Dec 2016 19:58

Tgt Ion: 70 Resp: 180429

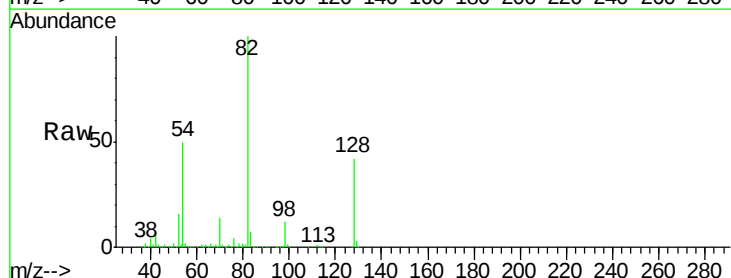
Ion Ratio Lower Upper

70 100

42 48.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

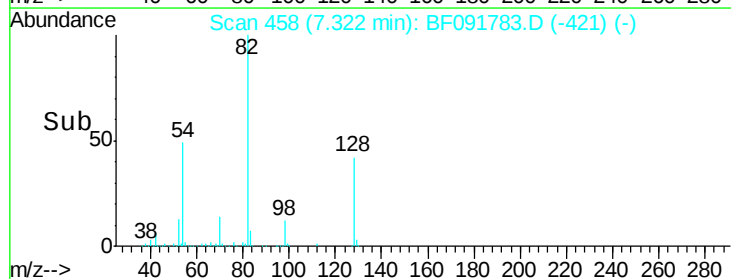
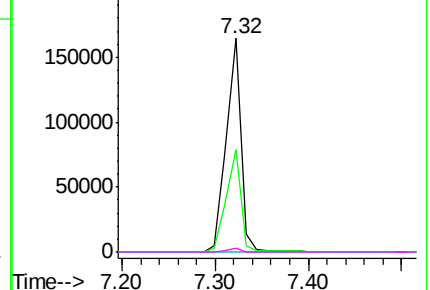


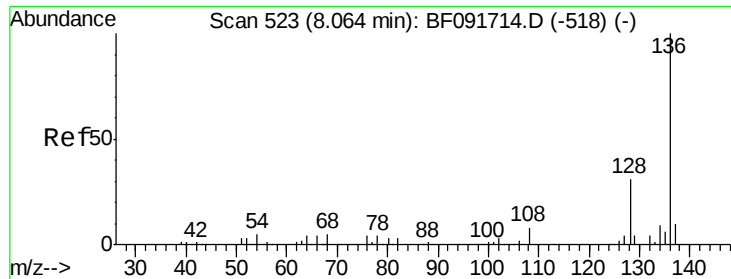
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

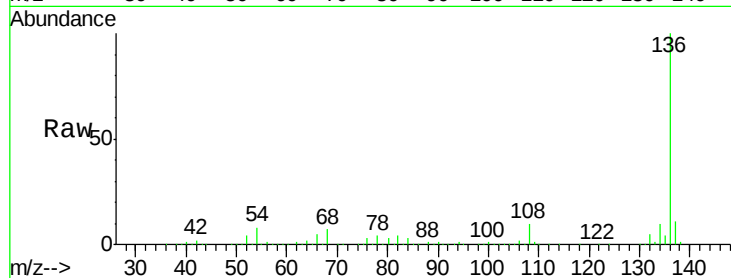




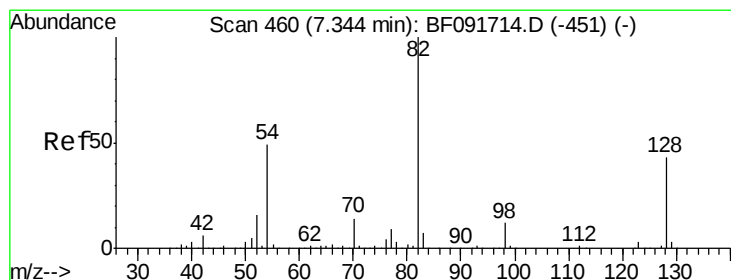
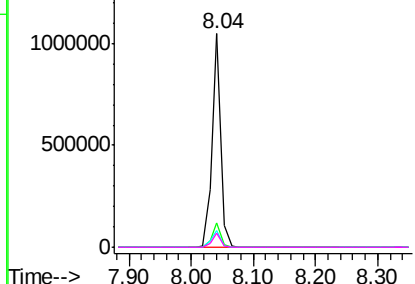
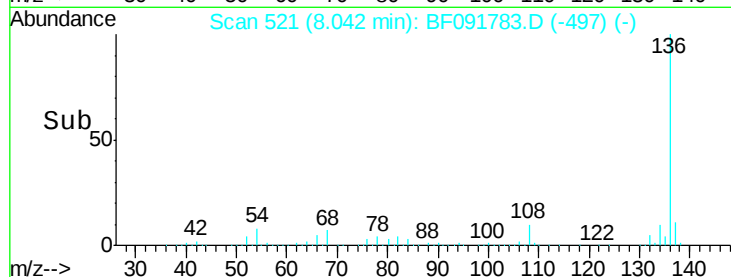
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091783.D
Acq: 19 Dec 2016 19:58

Instrument :
BNA_F
ClientSampleId :
PB95441BL

Tgt Ion: 136 Resp: 1007850
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.9 4.5 6.7#
68 6.5 3.6 5.4#

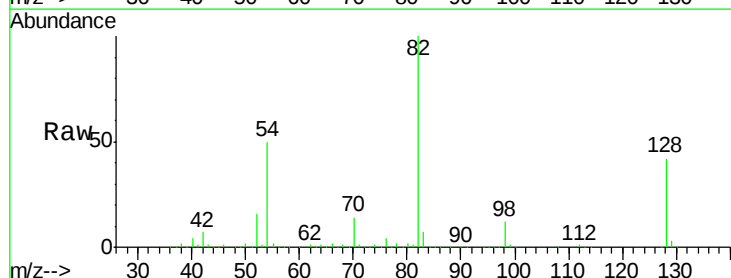


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

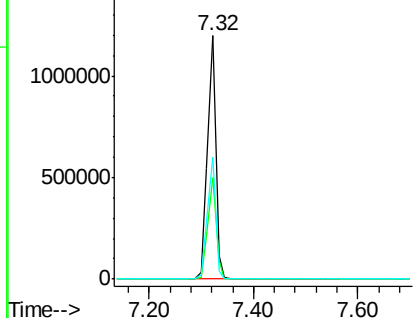
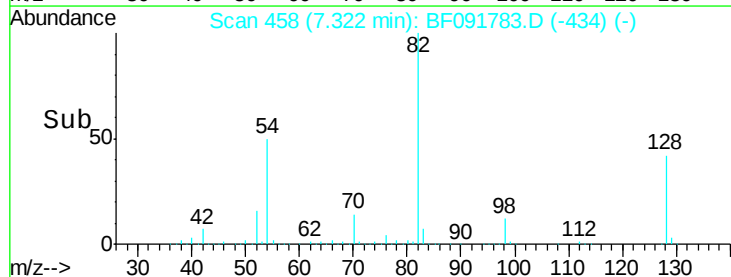


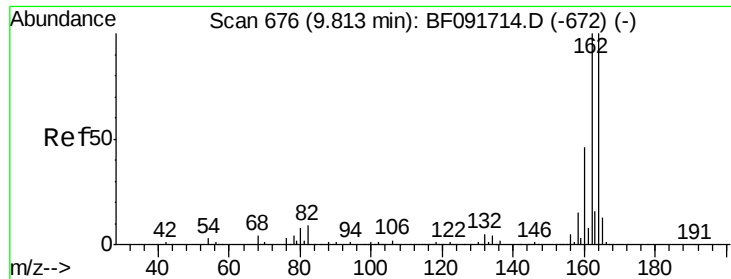
#23
Nitrobenzene-d5
Concen: 75.27 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091783.D
Acq: 19 Dec 2016 19:58

Tgt Ion: 82 Resp: 1315406
Ion Ratio Lower Upper
82 100
128 41.8 34.6 52.0
54 50.2 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091783.D

Acq: 19 Dec 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB95441BL

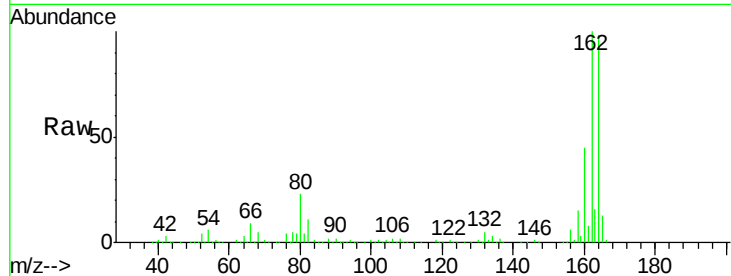
Tgt Ion:164 Resp: 506161

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

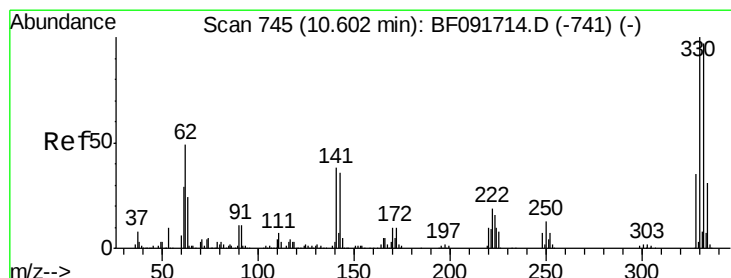
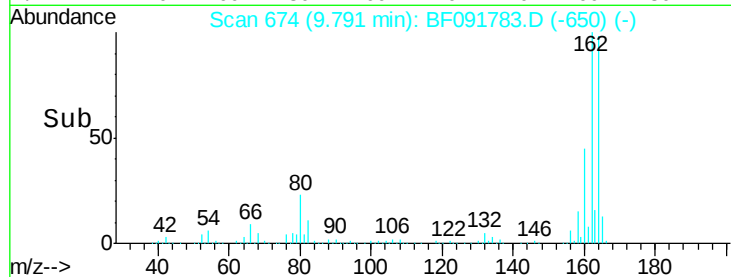
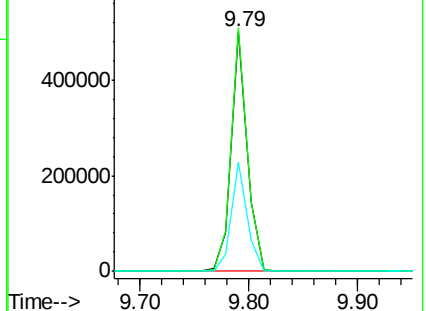
160 45.4 36.9 55.3



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: 120.08 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF091783.D

Acq: 19 Dec 2016 19:58

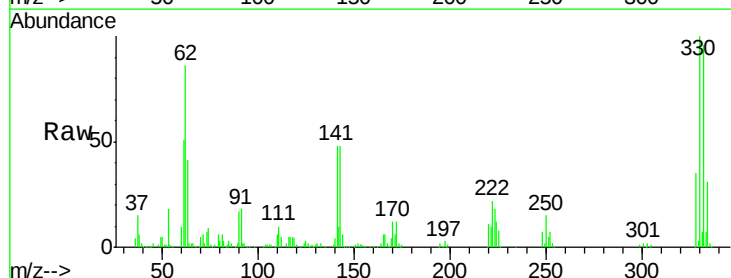
Tgt Ion:330 Resp: 515402

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

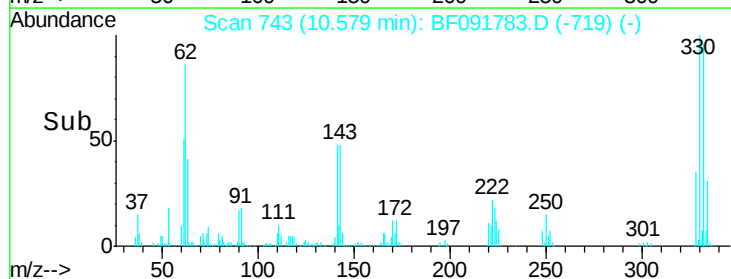
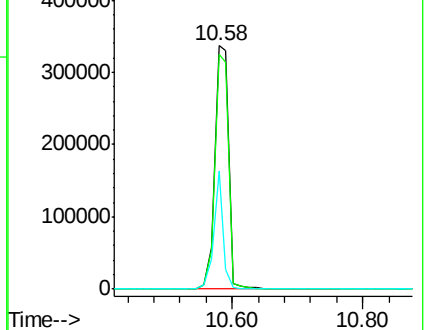
141 32.3 34.1 51.1#

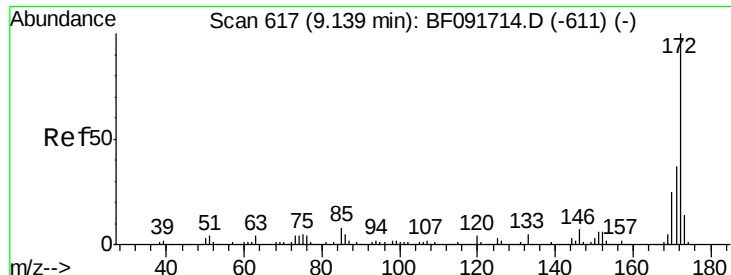


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

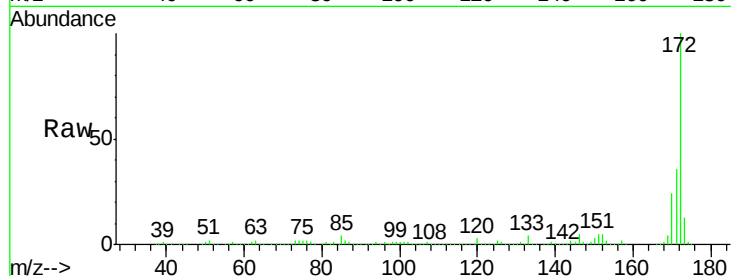




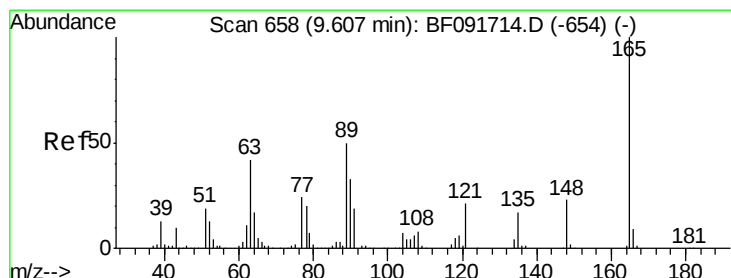
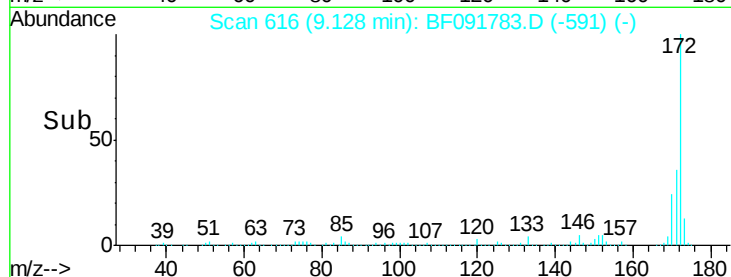
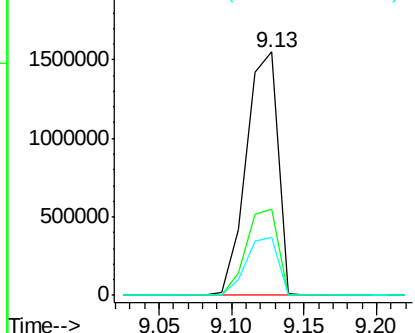
#44
 2-Fluorobiphenyl
 Concen: 93.67 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BL

Tgt Ion:172 Resp: 2359901
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 23.9 20.2 30.4

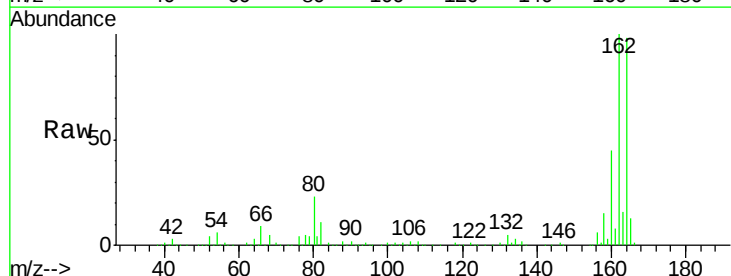


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

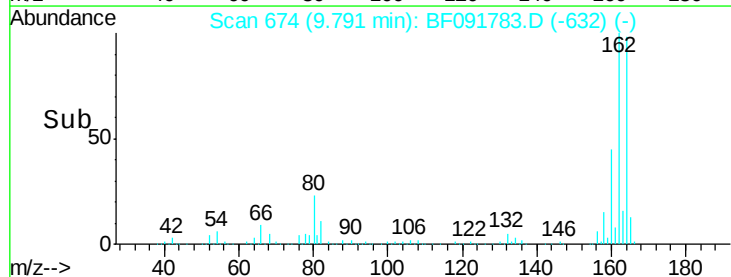
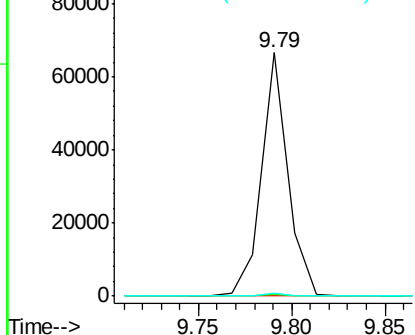


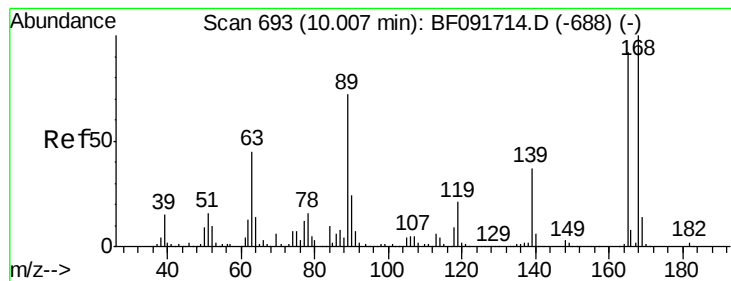
#50
 2,6-Dinitrotoluene
 Concen: 9.10 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.18 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

Tgt Ion:165 Resp: 65967
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 1.1 40.2 60.4#



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





#56

2,4-Dinitrotoluene

Concen: 7.29 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.22 min

Lab File: BF091783.D

Acq: 19 Dec 2016 19:58

Instrument :

BNA_F

ClientSampleId :

PB95441BL

Tgt Ion:165 Resp: 65971

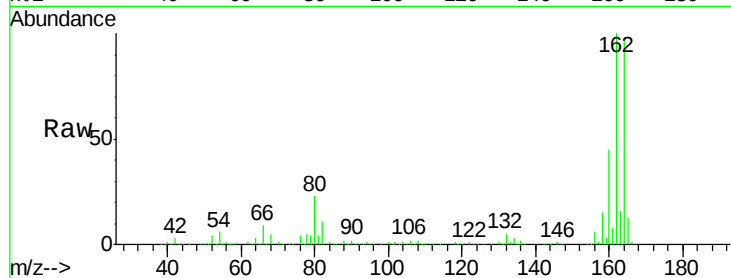
Ion Ratio Lower Upper

165 100

63 0.9 40.2 60.4#

89 1.1 62.5 93.7#

182 0.0 1.8 2.8#

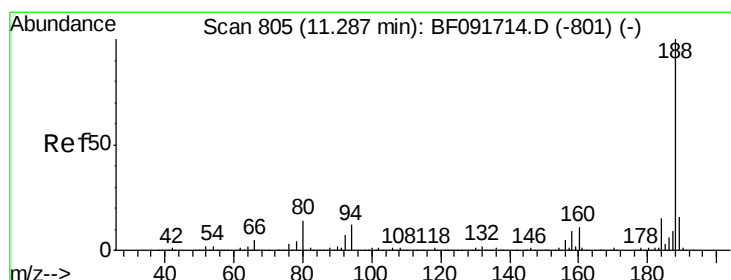
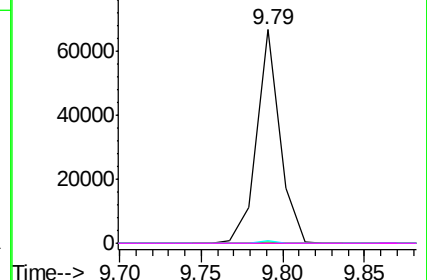
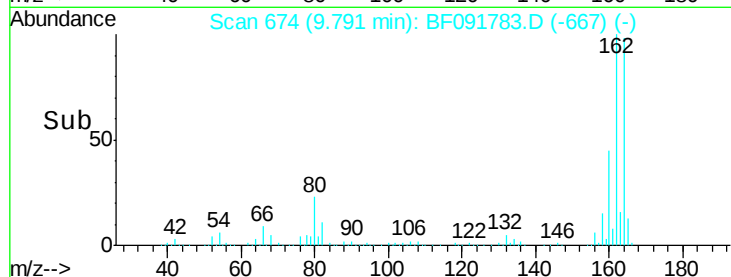


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091783.D

Acq: 19 Dec 2016 19:58

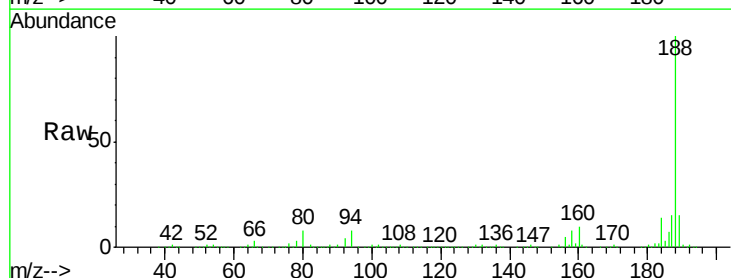
Tgt Ion:188 Resp: 889817

Ion Ratio Lower Upper

188 100

94 7.8 10.0 15.0#

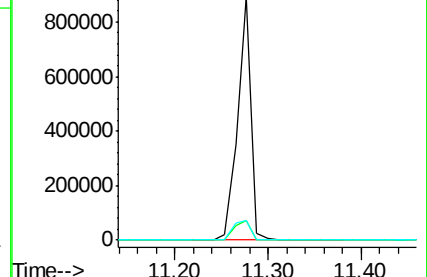
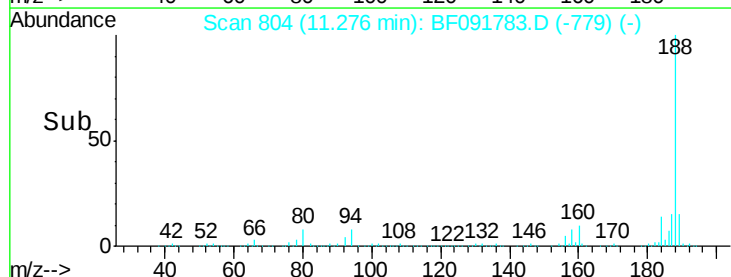
80 8.2 11.2 16.8#

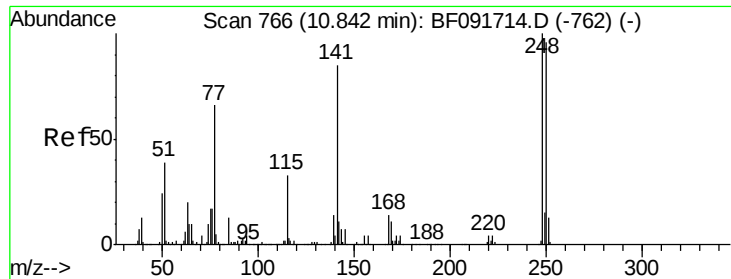


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

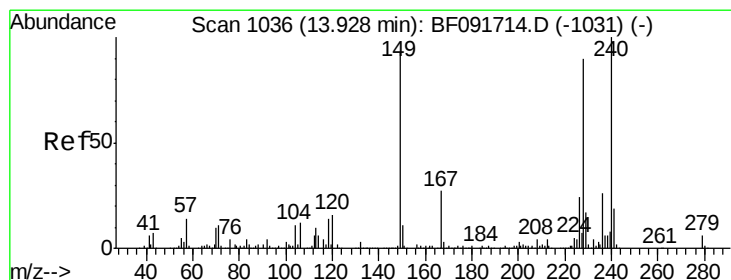
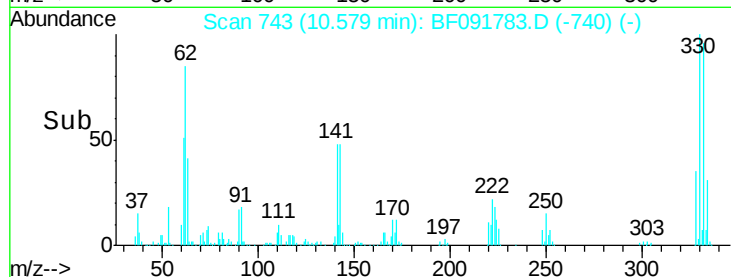
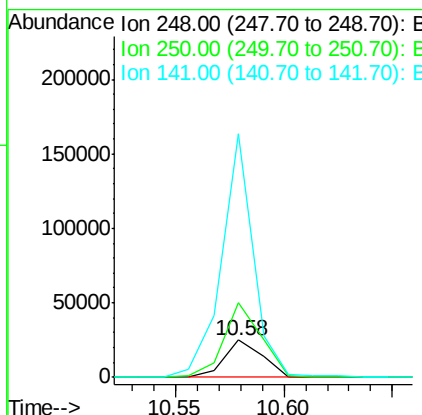
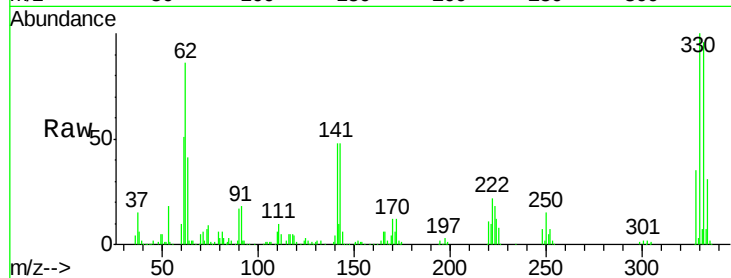




#66
 4-Bromophenyl-phenylether
 Concen: 3.28 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.26 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

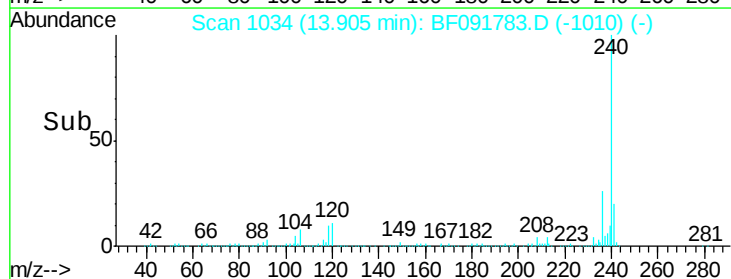
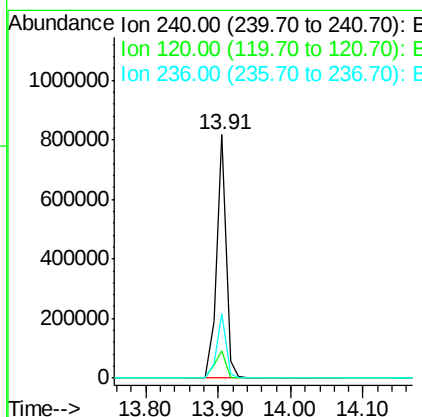
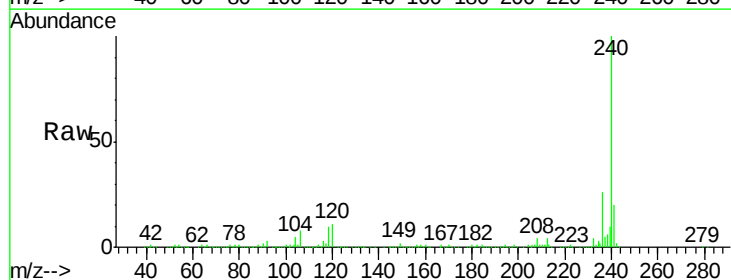
Instrument :
 BNA_F
 ClientSampleId :
 PB95441BL

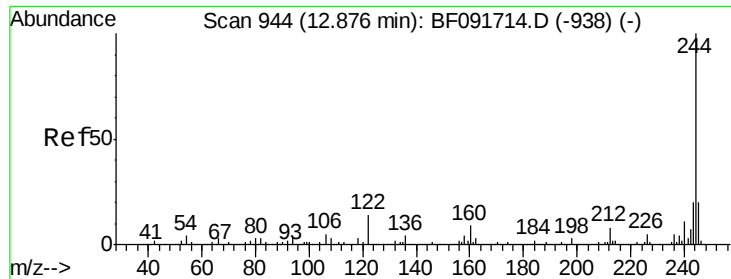
Tgt Ion:248 Resp: 30564
 Ion Ratio Lower Upper
 248 100
 250 200.6 76.9 115.3#
 141 649.8 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

Tgt Ion:240 Resp: 745471
 Ion Ratio Lower Upper
 240 100
 120 11.2 12.9 19.3#
 236 26.3 20.9 31.3

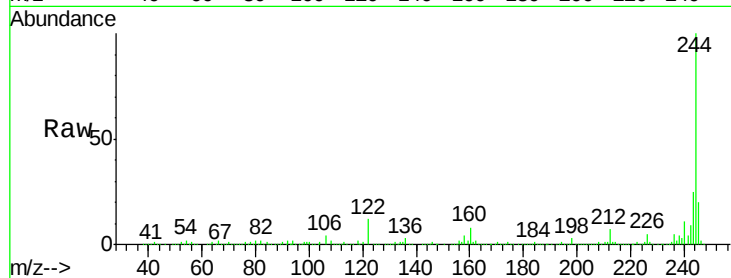




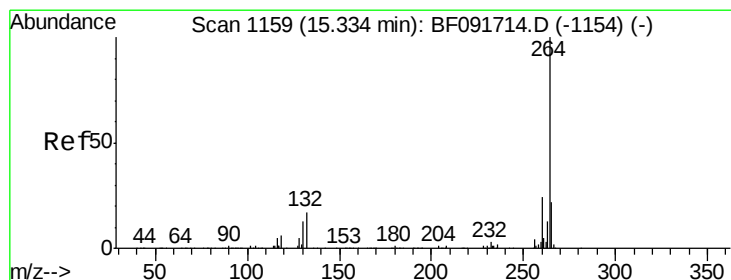
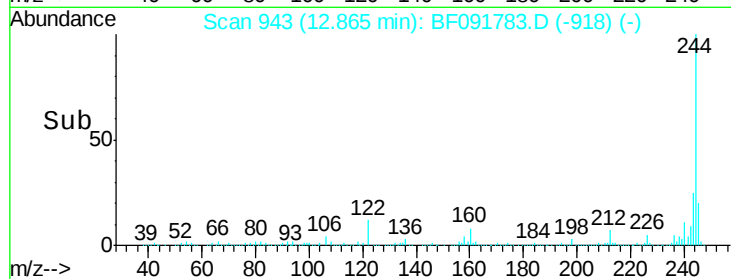
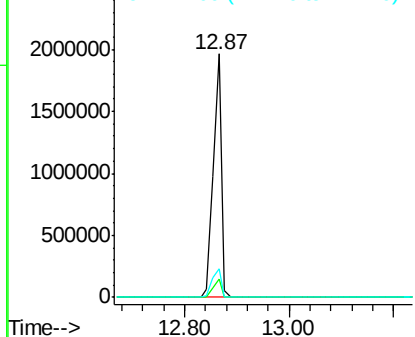
#78
 Terphenyl-d14
 Concen: 71.61 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BL

Tgt Ion:244 Resp: 2114157
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 11.8 11.4 17.2

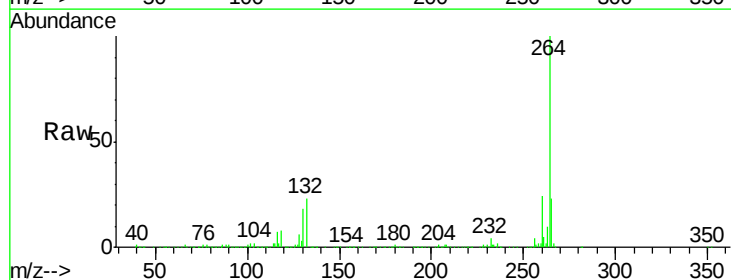


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF091783.D
 Acq: 19 Dec 2016 19:58

Tgt Ion:264 Resp: 643270
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.6 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

