

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091946.D
 Acq On : 24 Dec 2016 2:52
 Operator : UM/SJ
 Sample : H6205-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Quant Time: Dec 24 03:25:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

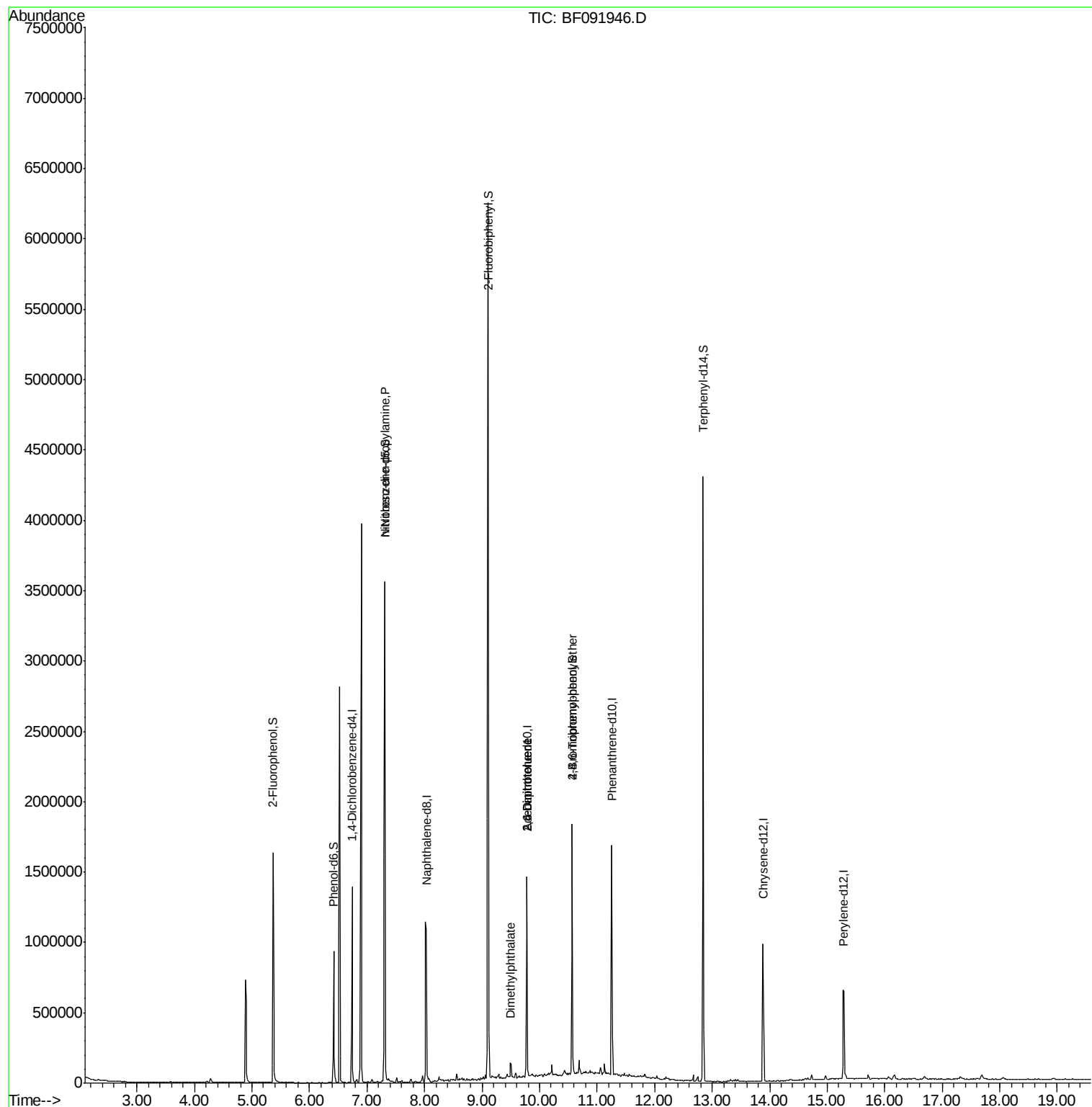
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	208384	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	811921	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	406800	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	578871	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	384118	20.00	ng	-0.02
86) Perylene-d12	15.29	264	374793	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	494591	39.63	ng	0.02
7) Phenol-d6	6.42	99	332987	21.85	ng	0.01
23) Nitrobenzene-d5	7.31	82	1354025	92.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	239562	71.16	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1920370	98.82	ng	-0.01
78) Terphenyl-d14	12.84	244	1361971	85.99	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	181734	17.93	ng	# 75
37) 2-Methylnaphthalene	8.74	142	1589	Below Cal		# 76
49) Dimethylphthalate	9.49	163	55176	2.12	ng	97
50) 2,6-Dinitrotoluene	9.78	165	53532	9.40	ng	# 31
56) 2,4-Dinitrotoluene	9.78	165	53735	7.52	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	15799	2.62	ng	# 1
71) Anthracene	11.33	178	566	Below Cal		# 1
73) Di-n-butylphthalate	11.83	149	4226	Below Cal		# 94
74) Fluoranthene	12.47	202	298	Below Cal		61

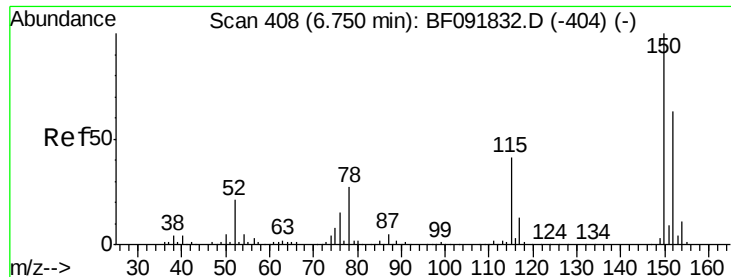
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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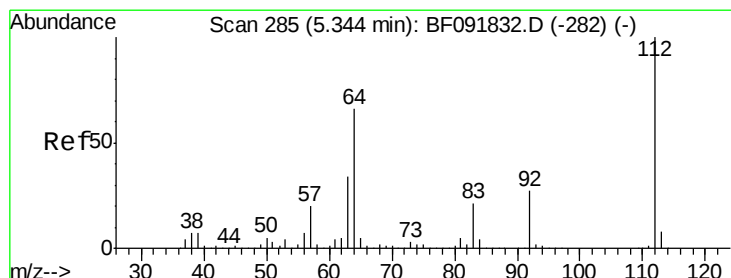
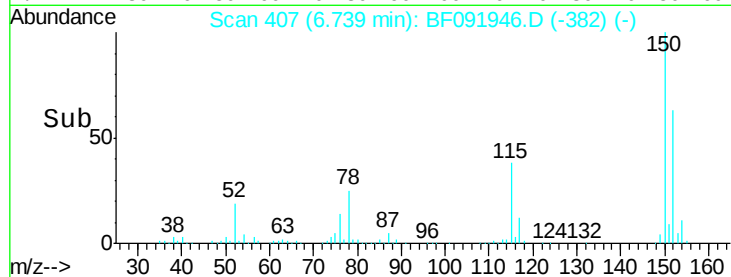
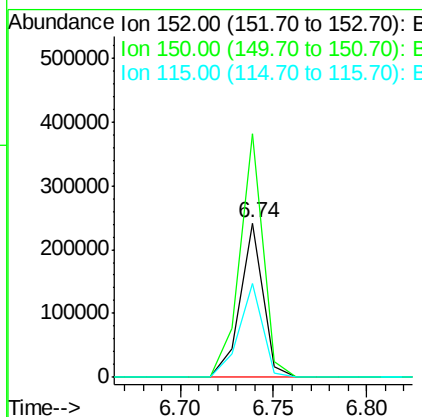
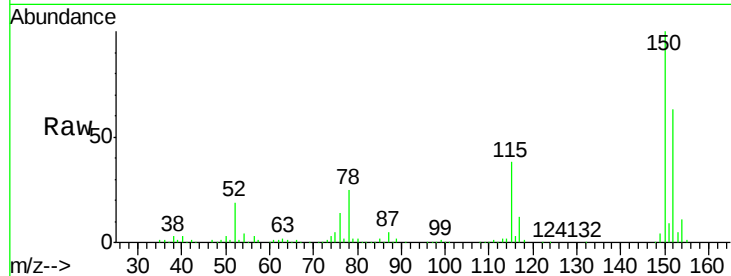




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091946.D
 Acq: 24 Dec 2016 2:52

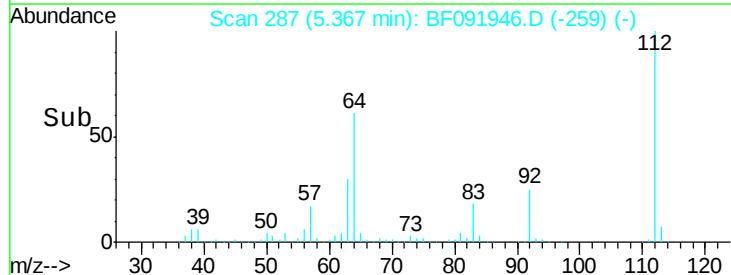
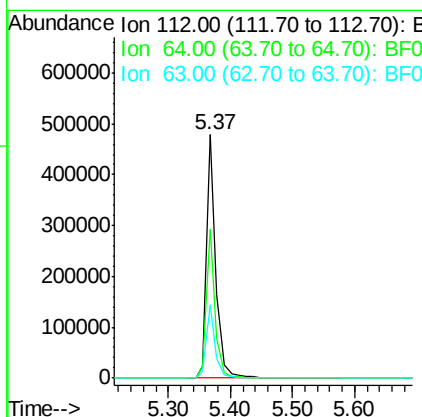
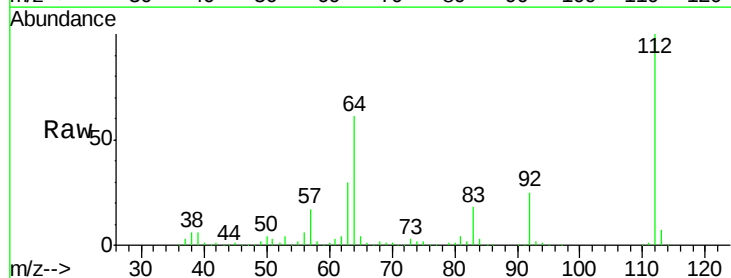
Instrument :
 BNA_F
 ClientSampled :
 W-19

Tgt Ion:152 Resp: 208384
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.9 187.3
 115 60.5 46.0 69.0



#5
 2-Fluorophenol
 Concen: 39.63 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.02 min
 Lab File: BF091946.D
 Acq: 24 Dec 2016 2:52

Tgt Ion:112 Resp: 494591
 Ion Ratio Lower Upper
 112 100
 64 61.1 46.1 69.1
 63 30.2 23.8 35.6





#7

Phenol-d6

Concen: 21.85 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

Instrument :

BNA_F

ClientSampleId :

W-19

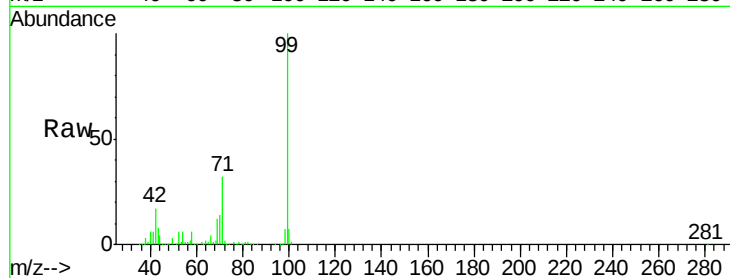
Tgt Ion: 99 Resp: 332987

Ion Ratio Lower Upper

99 100

42 16.8 15.6 23.4

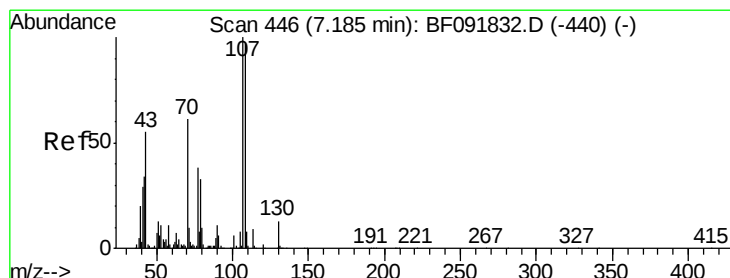
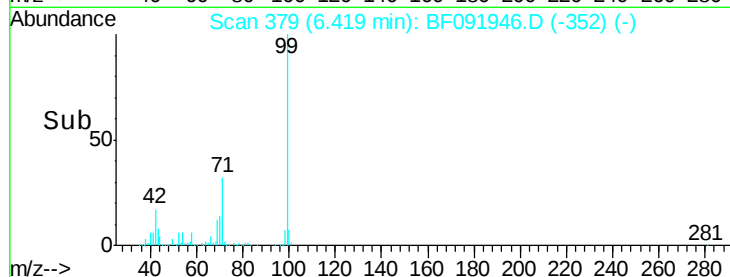
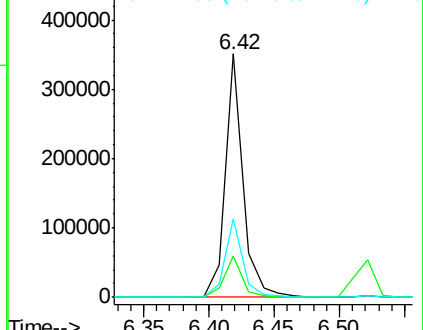
71 32.3 27.5 41.3



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: 17.93 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.13 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

Tgt Ion: 70 Resp: 181734

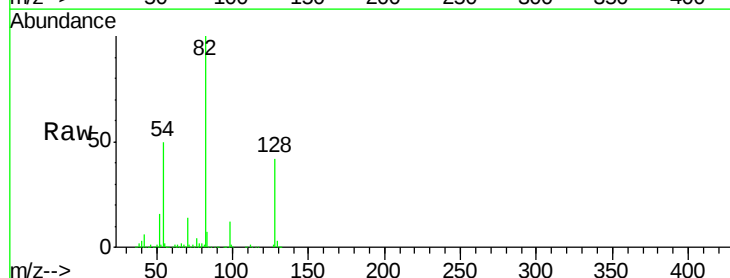
Ion Ratio Lower Upper

70 100

42 45.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

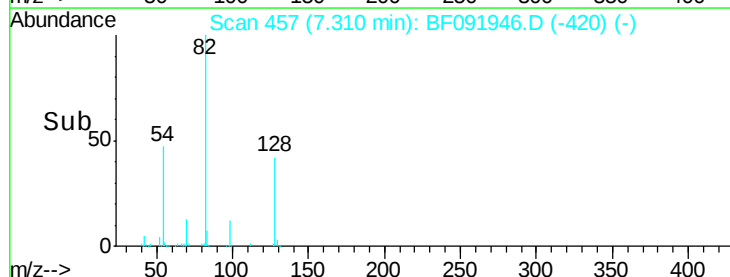
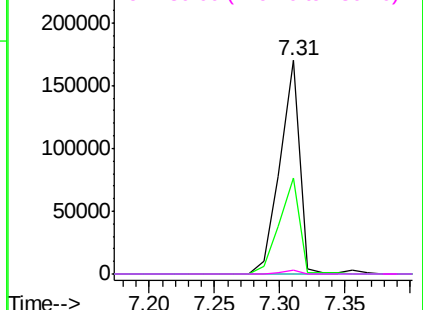


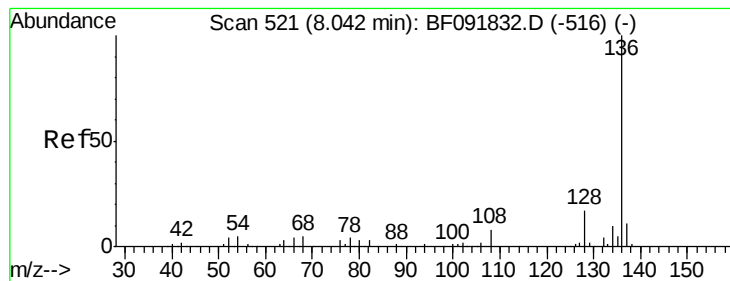
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

Instrument :

BNA_F

ClientSampleId :

W-19

Tgt Ion: 136 Resp: 811921

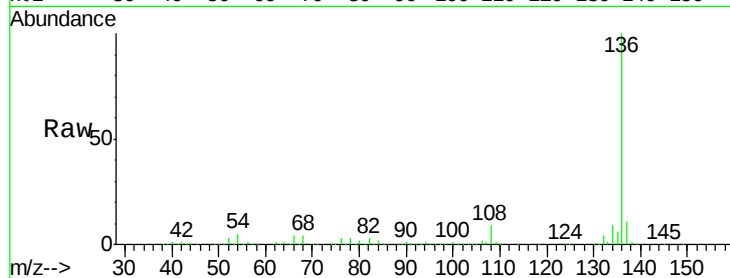
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 5.2 4.5 6.7

68 4.3 3.6 5.4

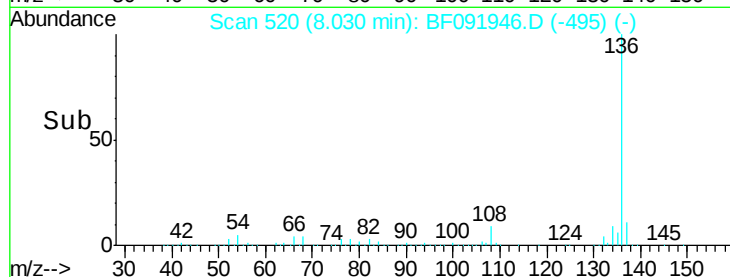


Abundance Ion 136.00 (135.70 to 136.70): E

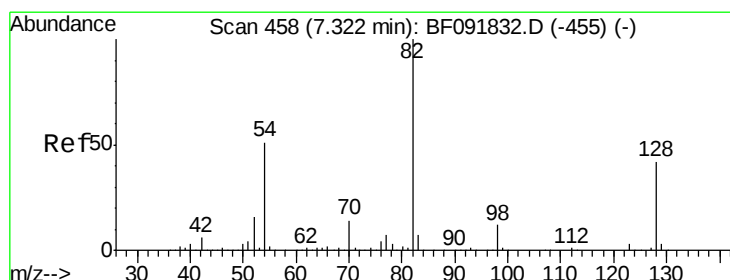
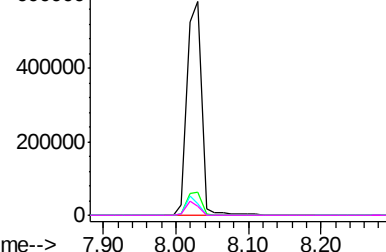
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 92.73 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

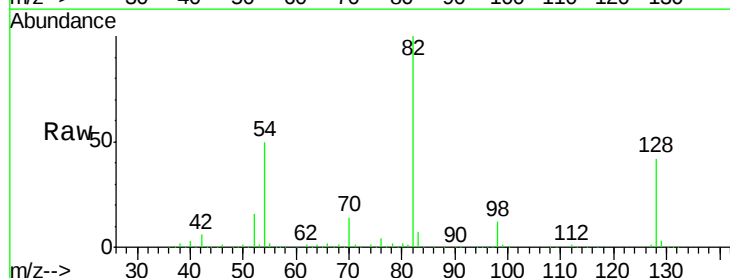
Tgt Ion: 82 Resp: 1354025

Ion Ratio Lower Upper

82 100

128 42.4 34.6 52.0

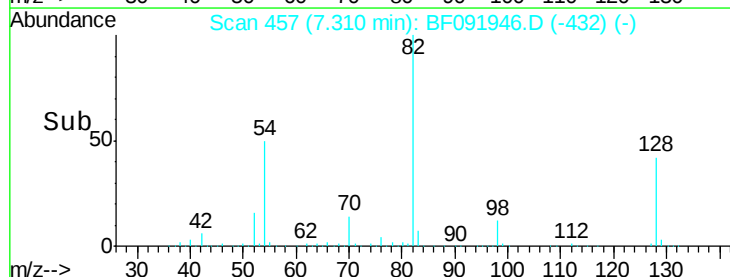
54 49.6 39.5 59.3



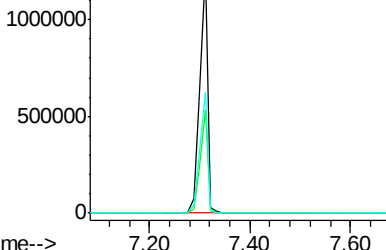
Abundance Ion 82.00 (81.70 to 82.70): BF0

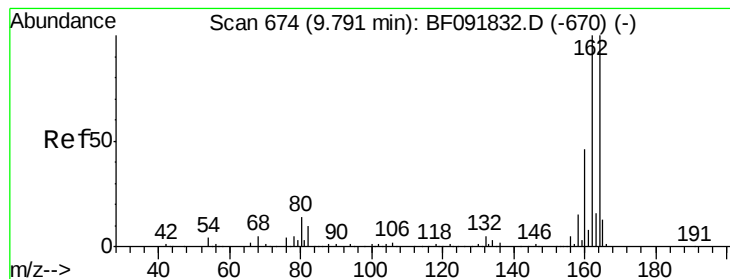
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

Instrument :

BNA_F

ClientSampleId :

W-19

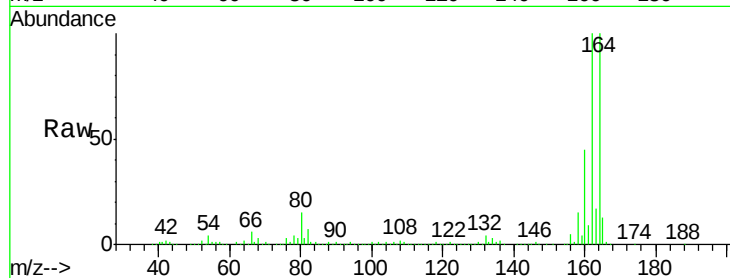
Tgt Ion:164 Resp: 406800

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

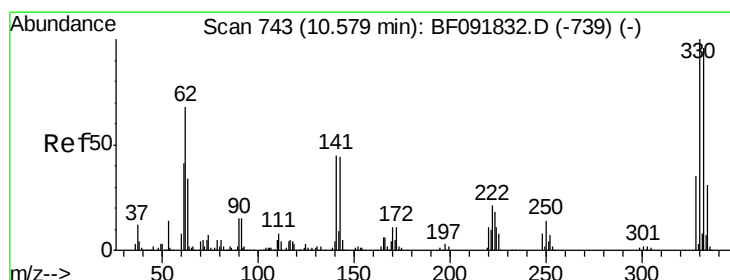
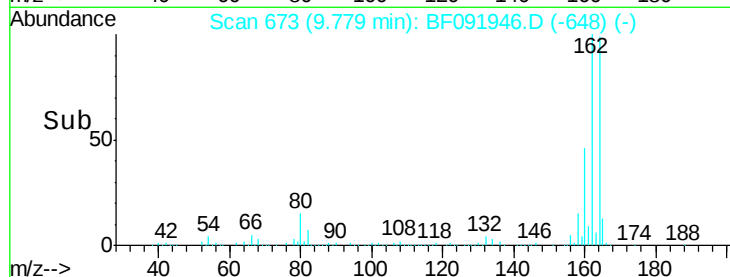
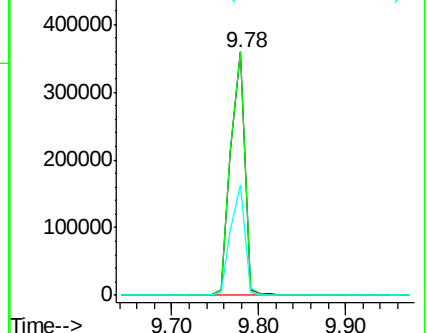
160 45.5 36.9 55.3



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: 71.16 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

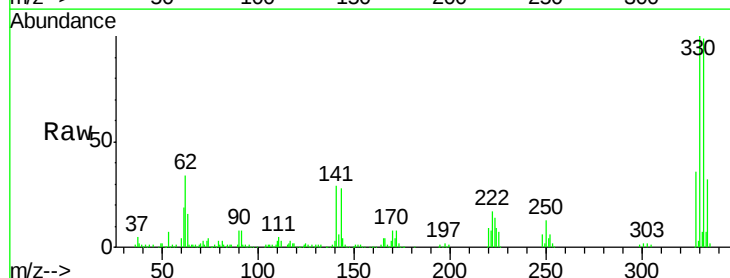
Tgt Ion:330 Resp: 239562

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

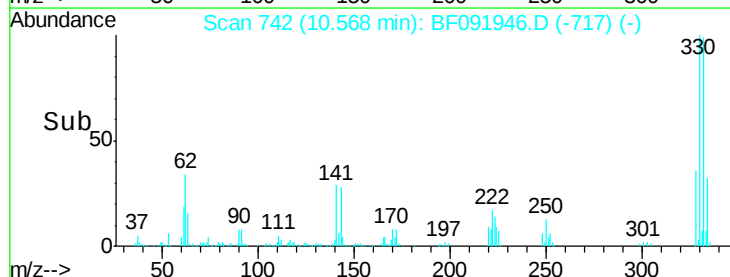
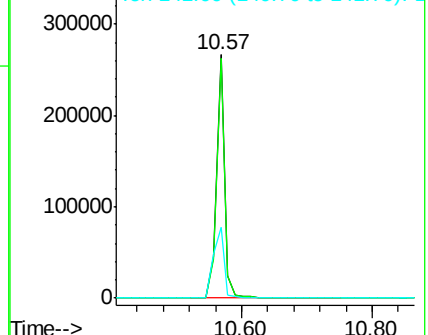
141 39.0 34.1 51.1

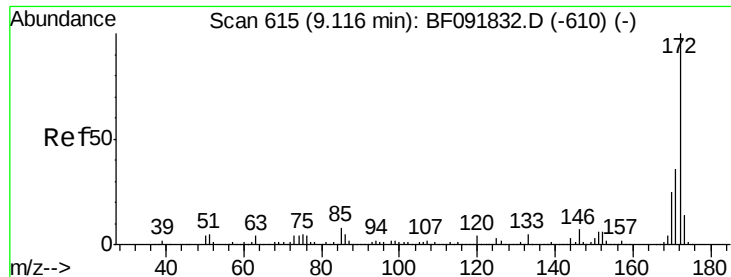


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

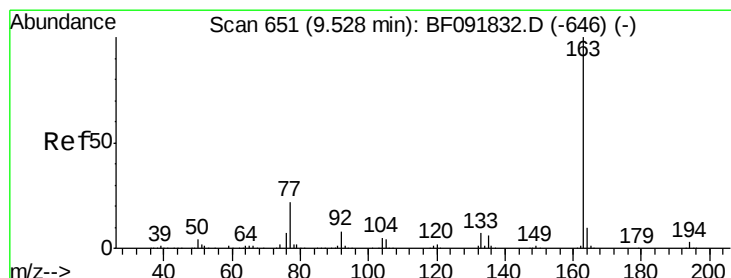
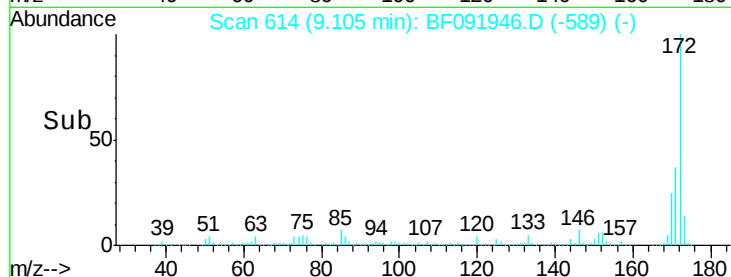
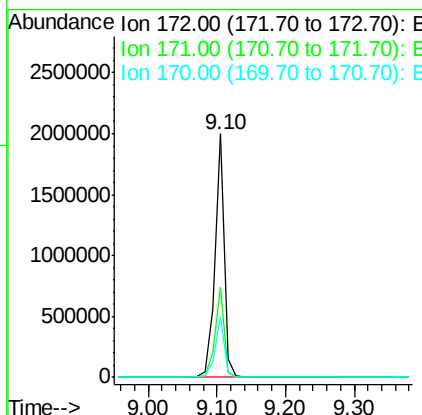
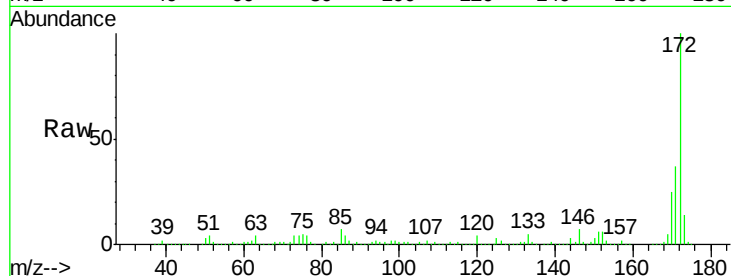




#44
 2-Fluorobiphenyl
 Concen: 98.82 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091946.D
 Acq: 24 Dec 2016 2:52

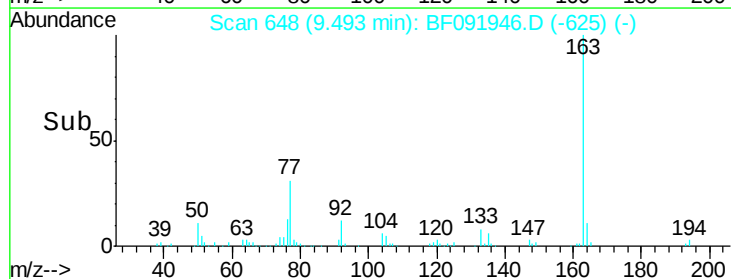
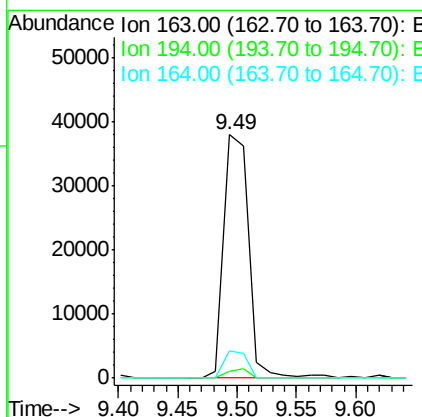
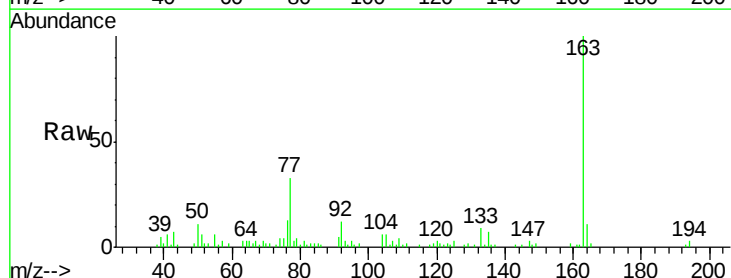
Instrument :
 BNA_F
 ClientSampleId :
 W-19

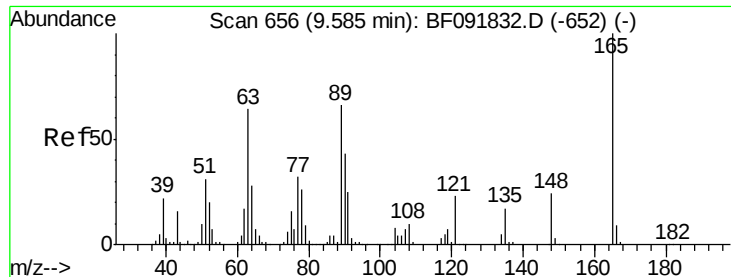
Tgt Ion:172 Resp: 1920370
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.0 20.2 30.4



#49
 Dimethylphthalate
 Concen: 2.12 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF091946.D
 Acq: 24 Dec 2016 2:52

Tgt Ion:163 Resp: 55176
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 11.4 8.0 12.0

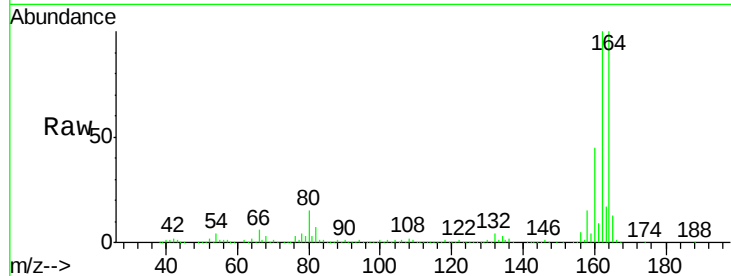




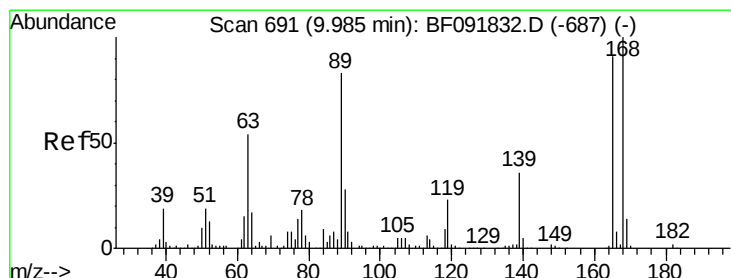
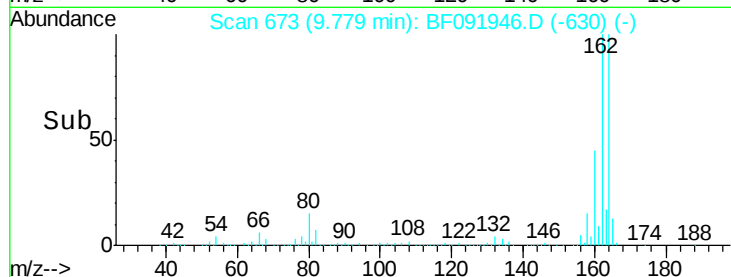
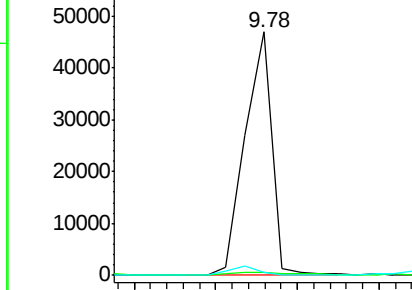
#50
2,6-Dinitrotoluene
Concen: 9.40 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.19 min
Lab File: BF091946.D
Acq: 24 Dec 2016 2:52

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion:165 Resp: 53532
Ion Ratio Lower Upper
165 100
63 1.1 36.2 54.4#
89 1.4 40.2 60.4#

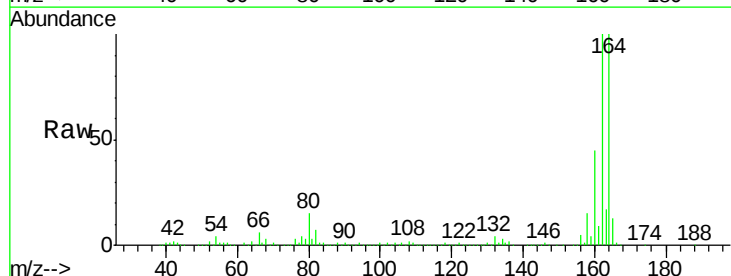


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

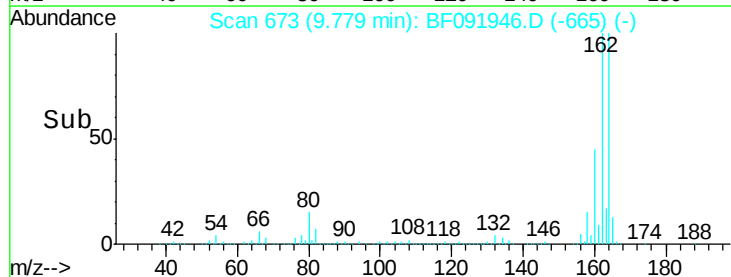
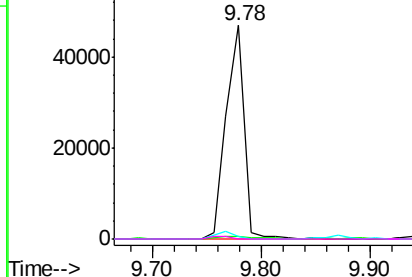


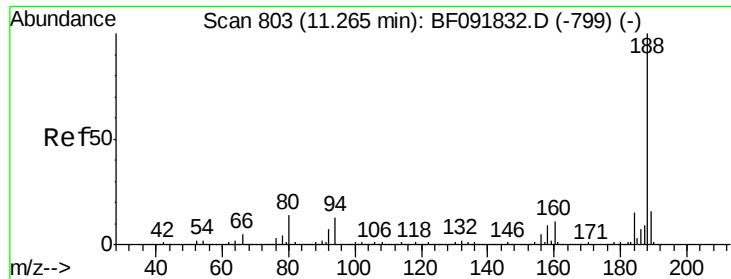
#56
2,4-Dinitrotoluene
Concen: 7.52 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF091946.D
Acq: 24 Dec 2016 2:52

Tgt Ion:165 Resp: 53735
Ion Ratio Lower Upper
165 100
63 1.1 40.2 60.4#
89 1.4 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: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

Instrument :

BNA_F

ClientSampleId :

W-19

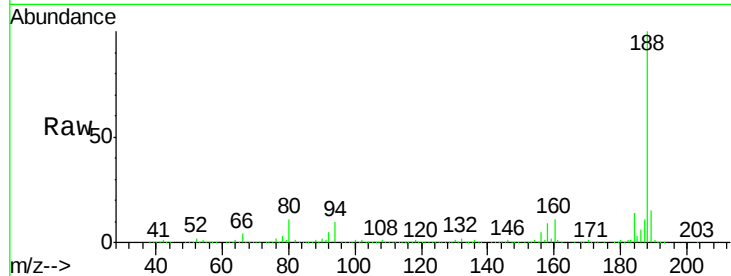
Tgt Ion:188 Resp: 578871

Ion Ratio Lower Upper

188 100

94 10.2 10.0 15.0

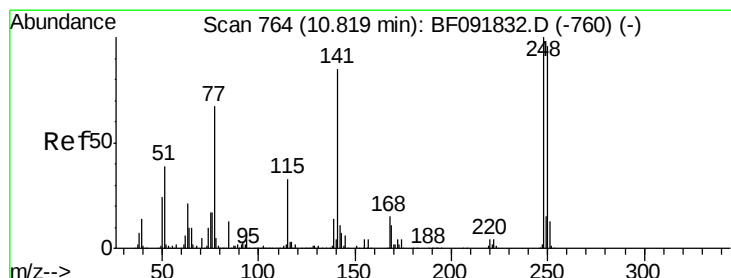
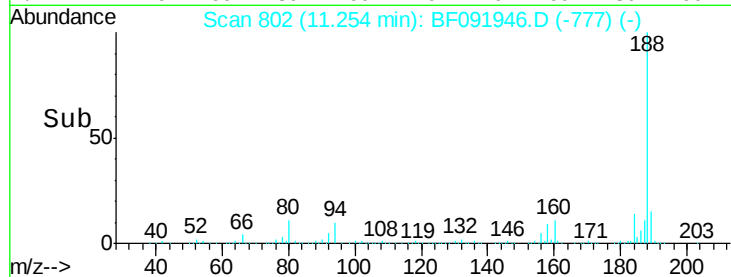
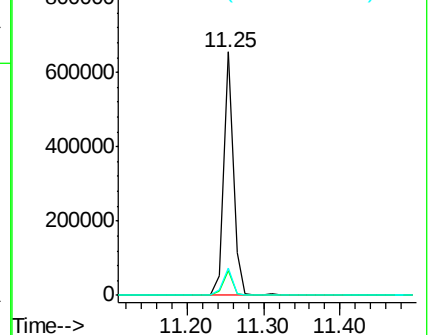
80 11.0 11.2 16.8#



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: 2.62 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.25 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

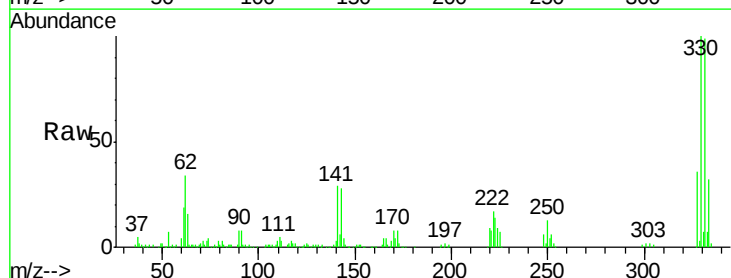
Tgt Ion:248 Resp: 15799

Ion Ratio Lower Upper

248 100

250 195.4 76.9 115.3#

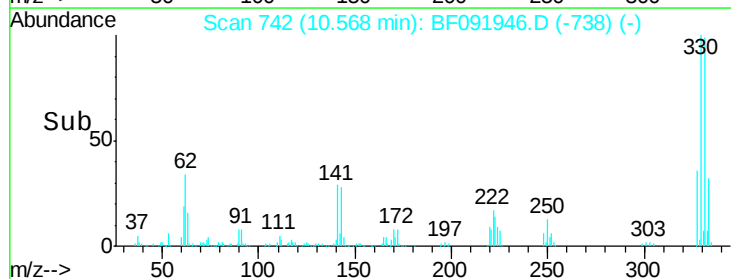
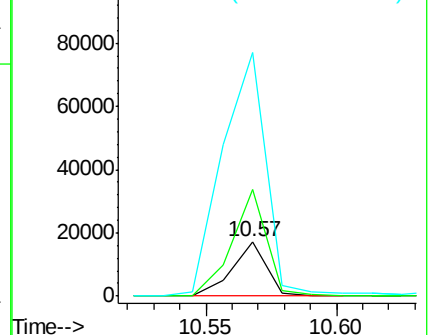
141 447.7 68.2 102.4#



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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.83 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

Instrument :

BNA_F

ClientSampleId :

W-19

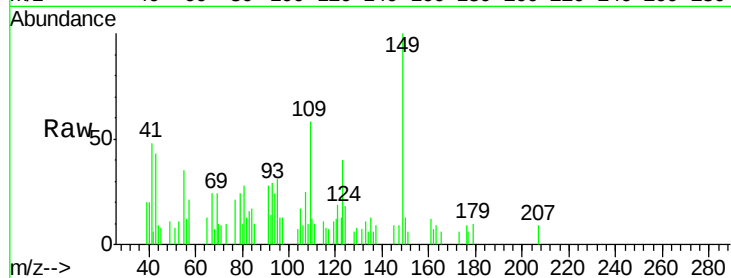
Tgt Ion:149 Resp: 4226

Ion Ratio Lower Upper

149 100

150 13.0 8.1 12.1#

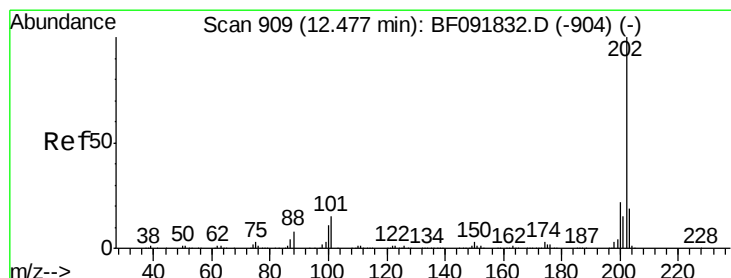
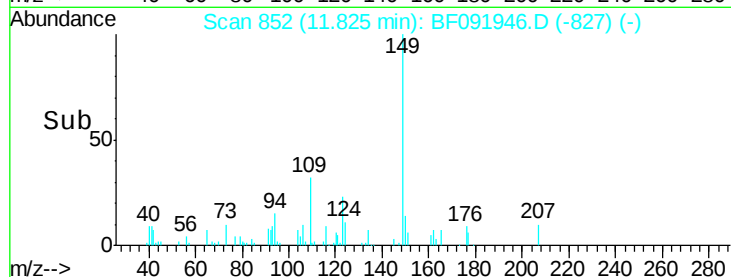
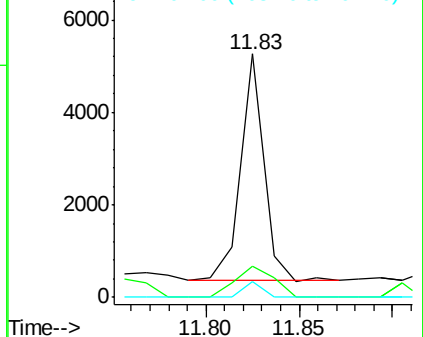
104 6.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

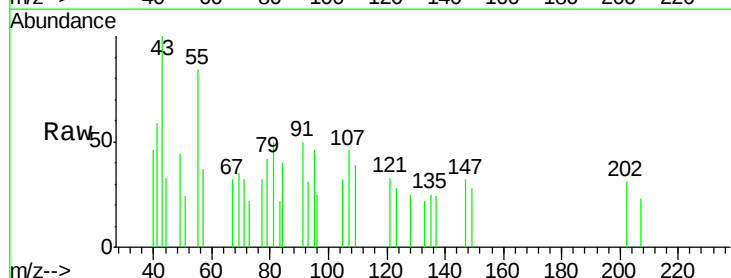
Tgt Ion:202 Resp: 298

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

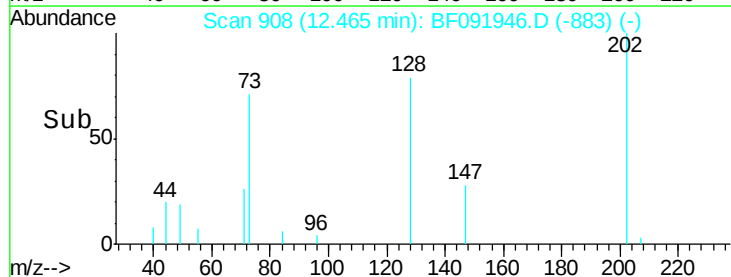
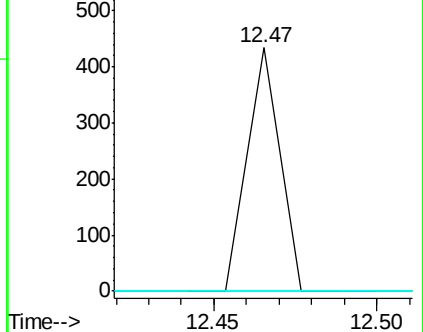
203 0.0 0.0 38.7

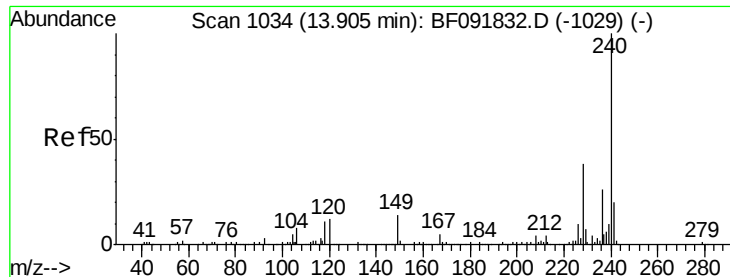


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

Instrument :

BNA_F

ClientSampleId :

W-19

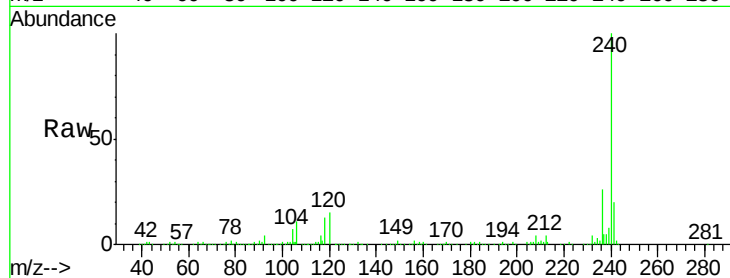
Tgt Ion:240 Resp: 384118

Ion Ratio Lower Upper

240 100

120 15.0 12.9 19.3

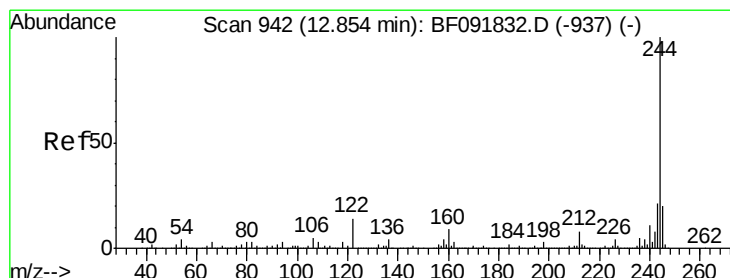
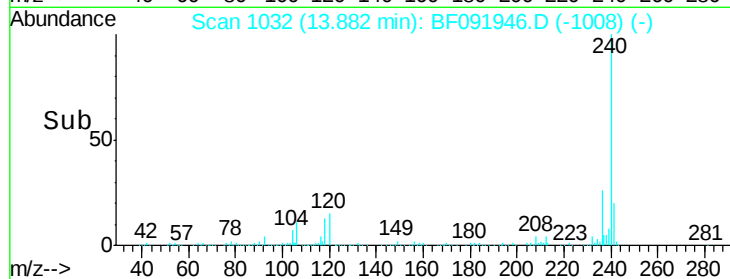
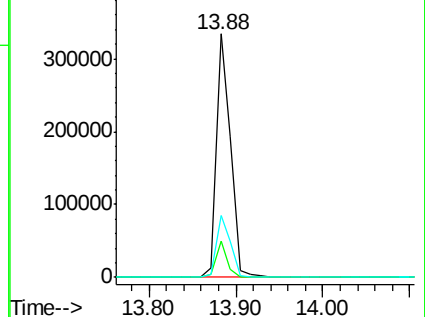
236 25.6 20.9 31.3



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: 85.99 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091946.D

Acq: 24 Dec 2016 2:52

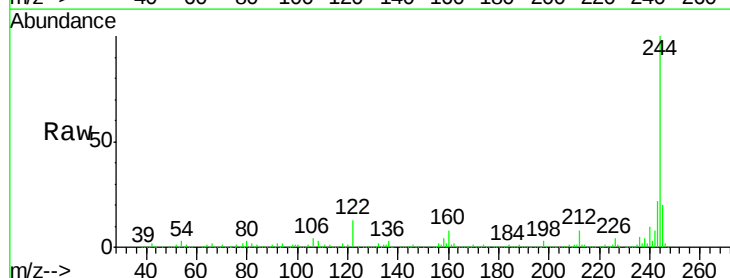
Tgt Ion:244 Resp: 1361971

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

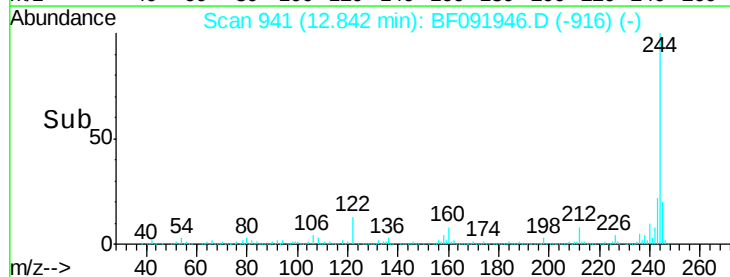
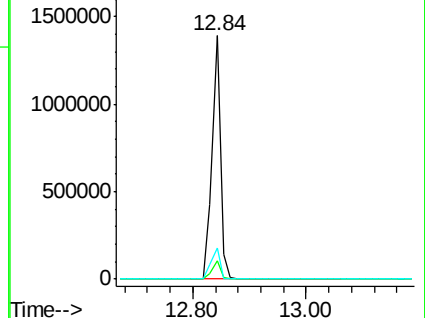
122 12.6 11.4 17.2

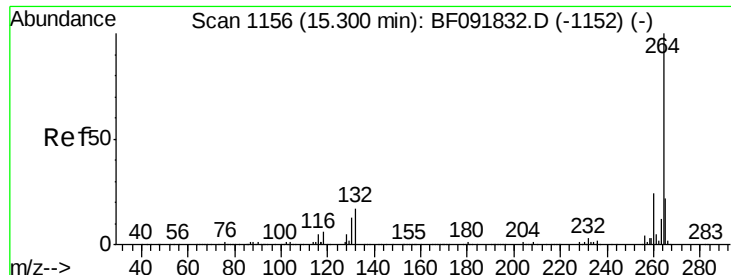


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

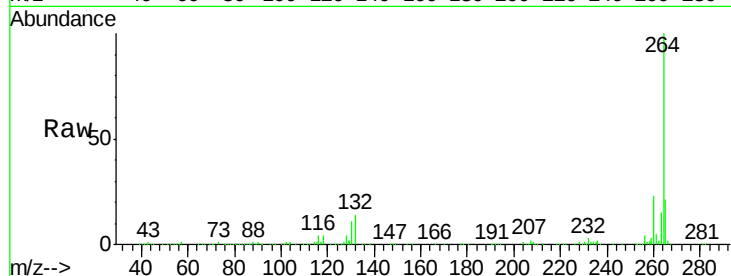




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091946.D
Acq: 24 Dec 2016 2:52

Instrument :
BNA_F
ClientSampleId :
W-19

Tgt Ion: 264 Resp: 374793
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 20.9 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

