

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089288.D
 Acq On : 25 Jul 2016 20:43
 Operator : UM/SJ
 Sample : H4207-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-S

Quant Time: Jul 26 00:58:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

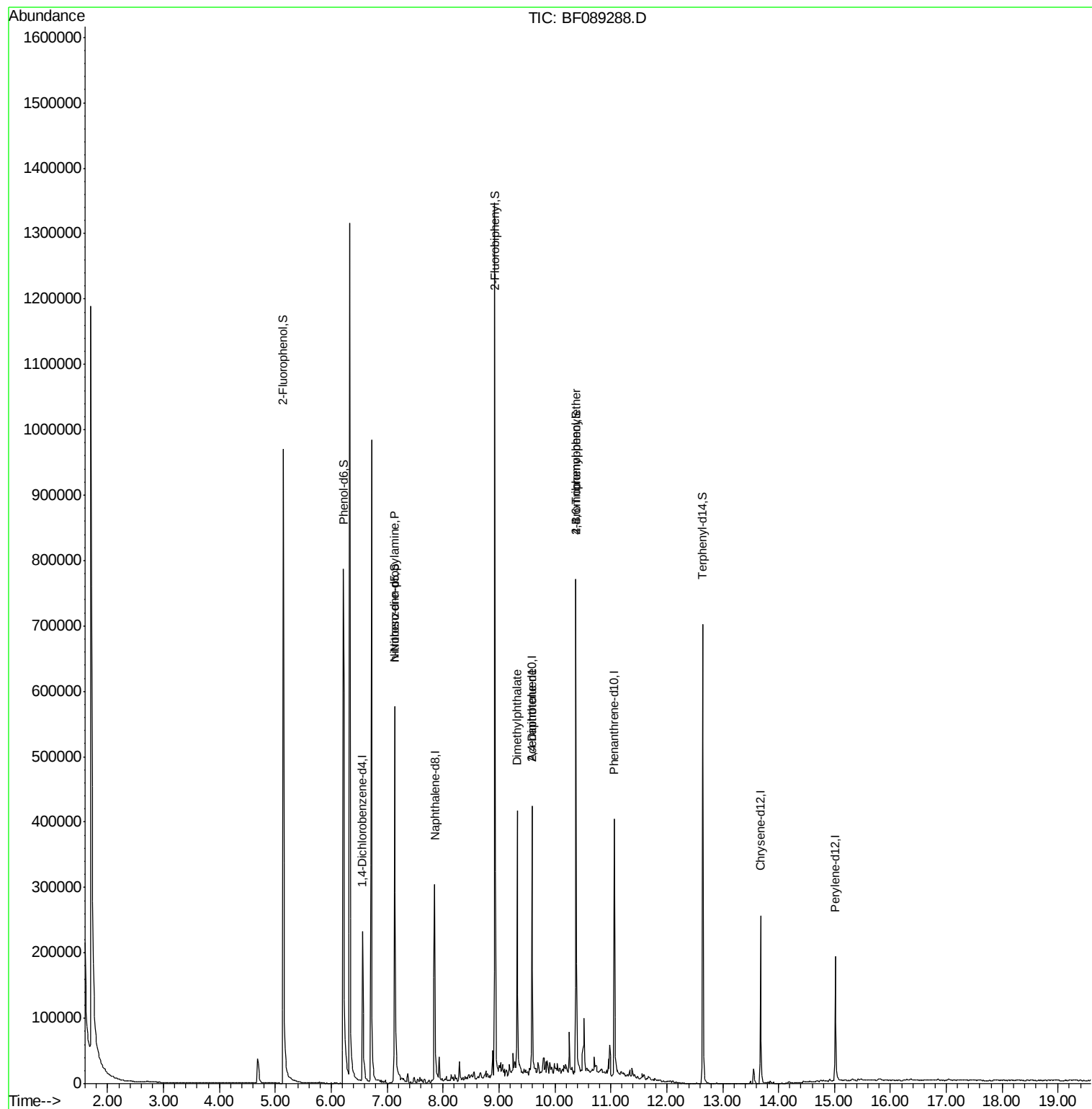
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	48609	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	191712	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	85240	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	154063	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	96920	20.00	ng	-0.01
86) Perylene-d12	15.02	264	87103	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	344643	107.83	ng	0.00
7) Phenol-d6	6.22	99	463094	112.36	ng	-0.01
23) Nitrobenzene-d5	7.13	82	283939	78.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	77565	101.07	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	450247	72.78	ng	-0.01
78) Terphenyl-d14	12.64	244	300868	67.33	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.22	77	529	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	37956	14.08	ng	# 84
49) Dimethylphthalate	9.32	163	156042	23.86	ng	99
56) 2,4-Dinitrotoluene	9.59	165	12087	6.35	ng	# 10
66) 4-Bromophenyl-phenylether	10.38	248	6118	4.01	ng	# 1

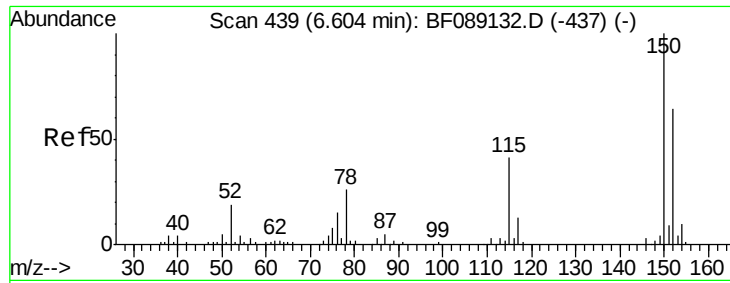
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 25 16:56:43 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

B2-S

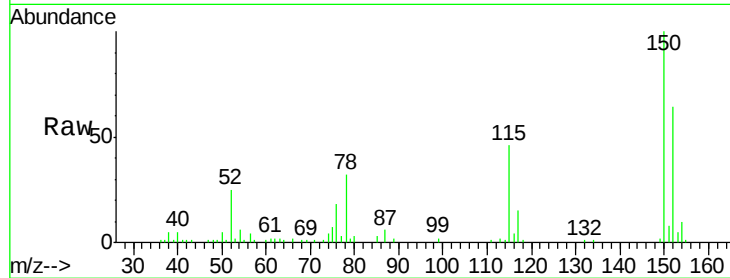
Tgt Ion:152 Resp: 48609

Ion Ratio Lower Upper

152 100

150 156.8 125.1 187.7

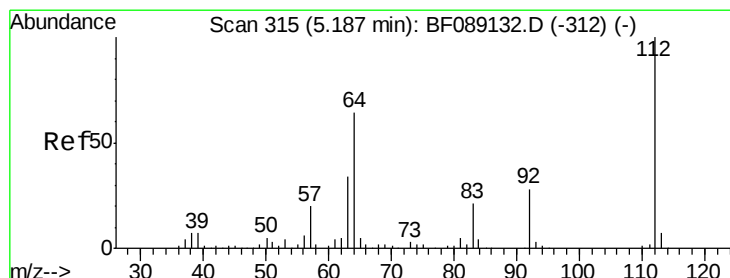
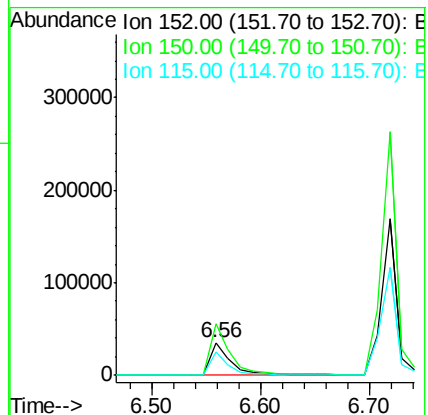
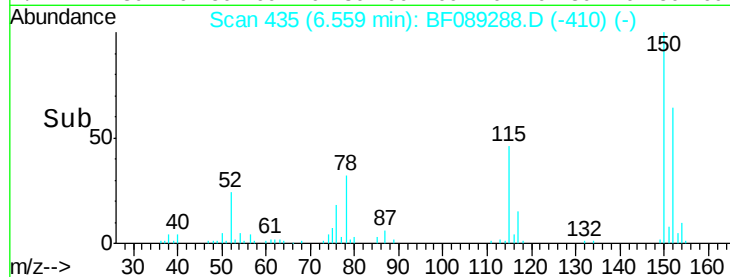
115 72.1 51.1 76.7



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: 107.83 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

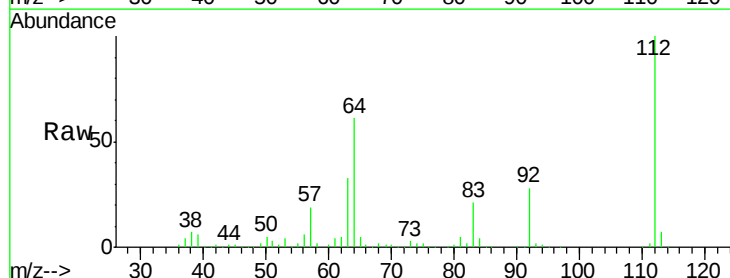
Tgt Ion:112 Resp: 344643

Ion Ratio Lower Upper

112 100

64 61.3 51.0 76.4

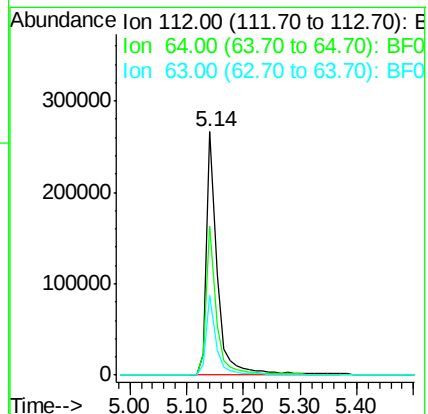
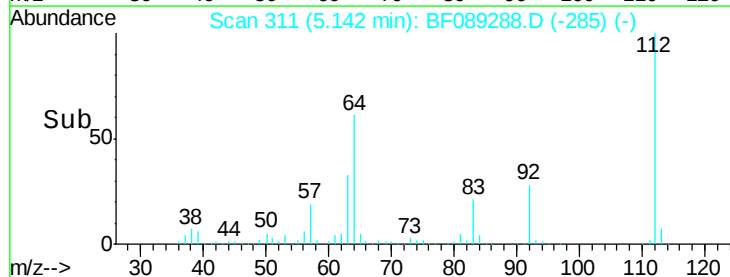
63 32.7 27.3 40.9

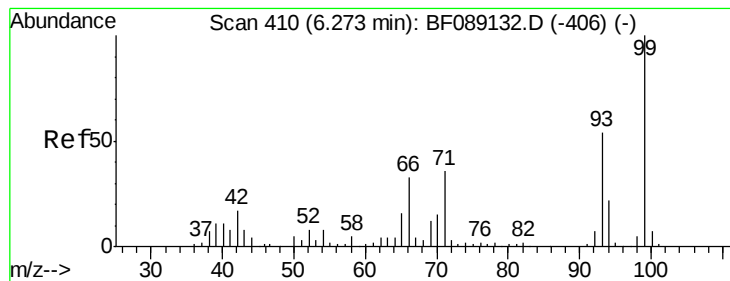


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.36 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

B2-S

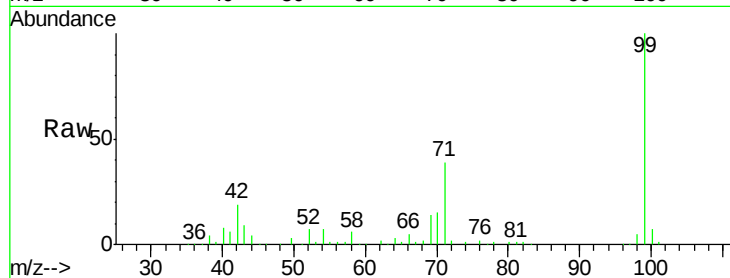
Tgt Ion: 99 Resp: 463094

Ion Ratio Lower Upper

99 100

42 19.2 13.5 20.3

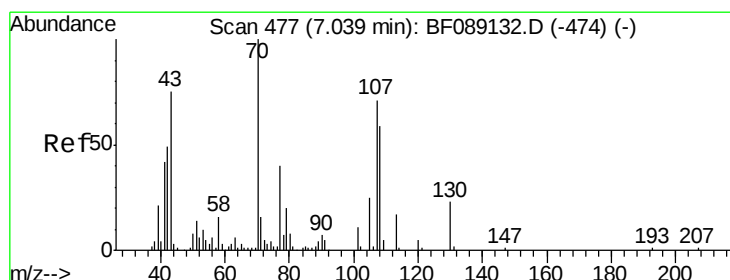
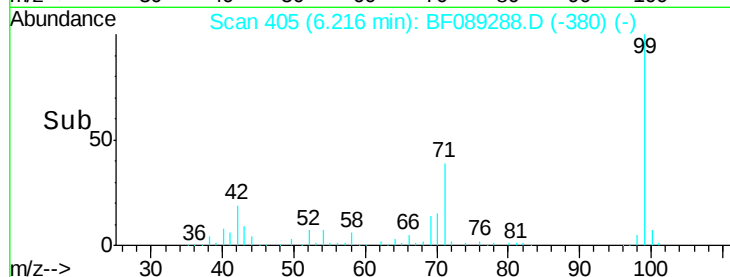
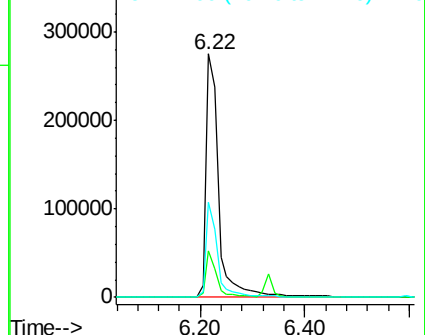
71 39.2 28.9 43.3



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: 14.08 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

Tgt Ion: 70 Resp: 37956

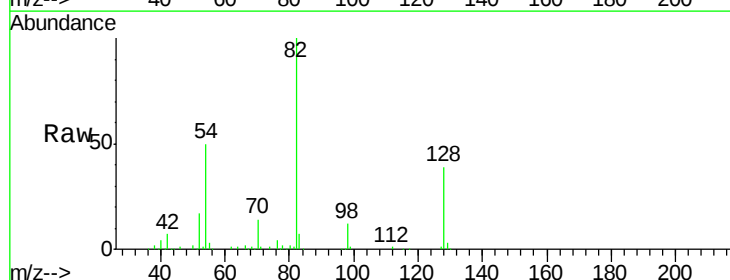
Ion Ratio Lower Upper

70 100

42 48.5 39.2 58.8

101 0.0 8.5 12.7#

130 2.1 18.4 27.6#

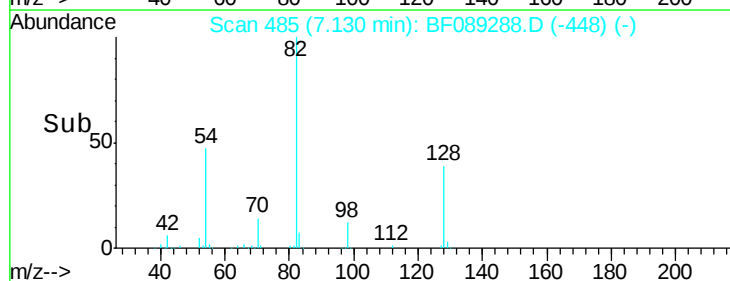
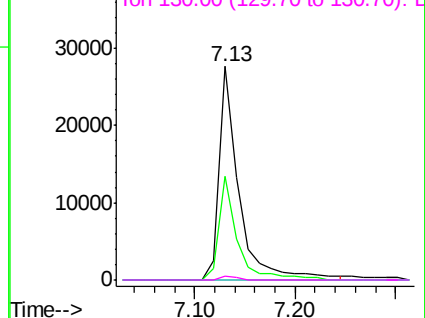


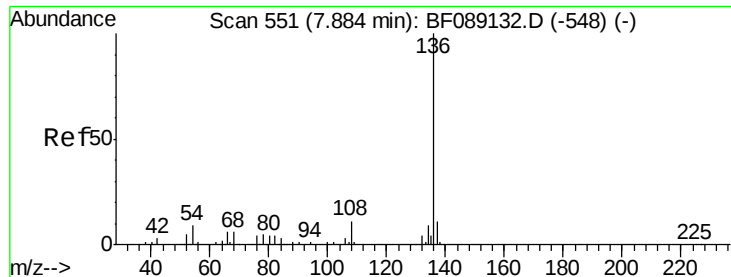
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

B2-S

Tgt Ion:136 Resp: 191712

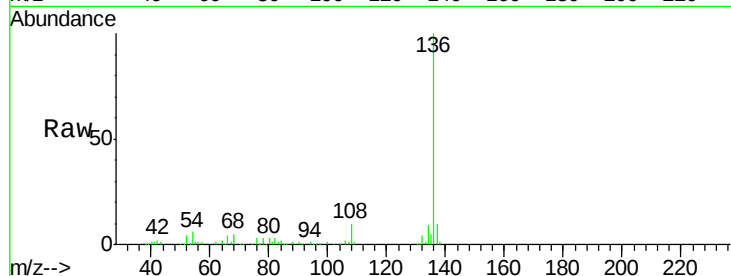
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 5.7 7.0 10.4#

68 4.8 5.0 7.6#

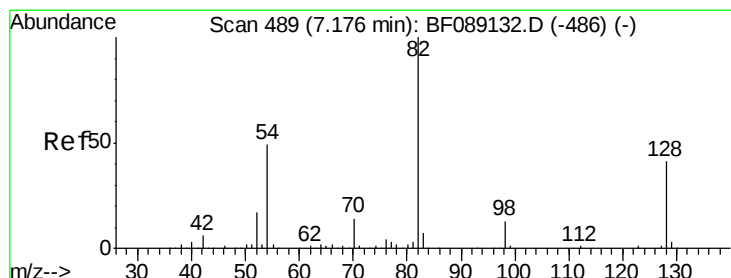
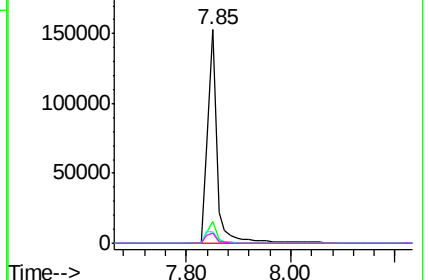
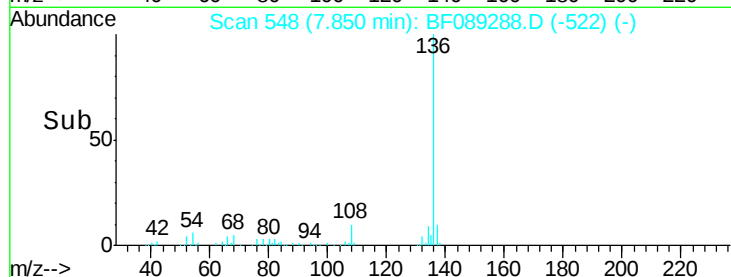


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.69 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

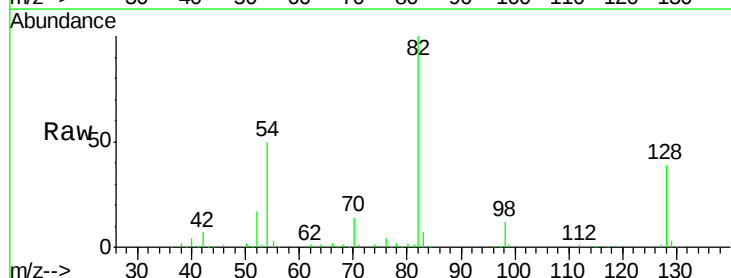
Tgt Ion: 82 Resp: 283939

Ion Ratio Lower Upper

82 100

128 39.1 33.0 49.6

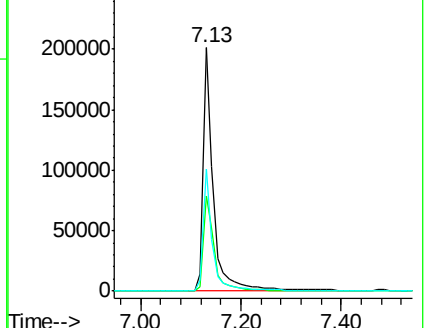
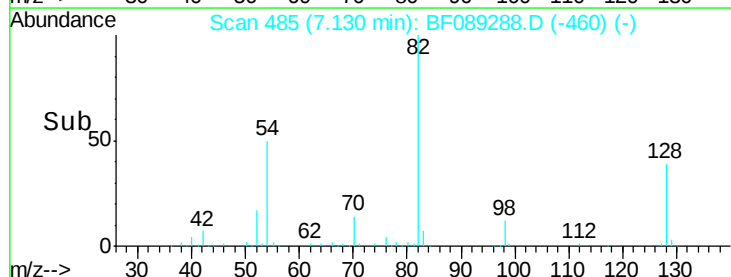
54 50.3 39.0 58.4

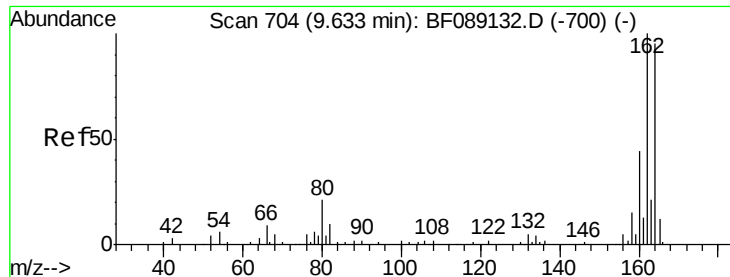


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

B2-S

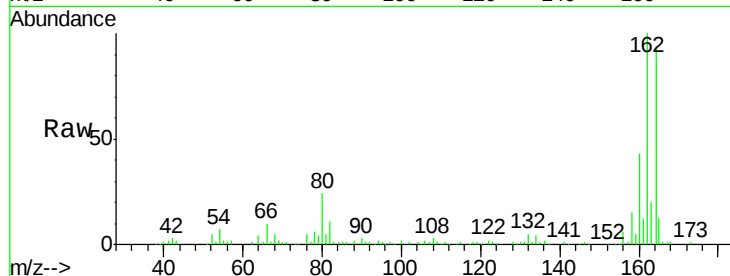
Tgt Ion:164 Resp: 85240

Ion Ratio Lower Upper

164 100

162 106.5 84.1 126.1

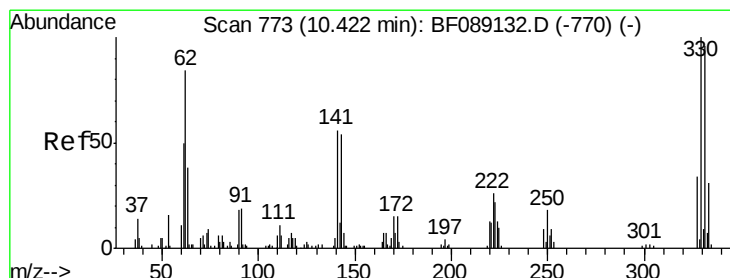
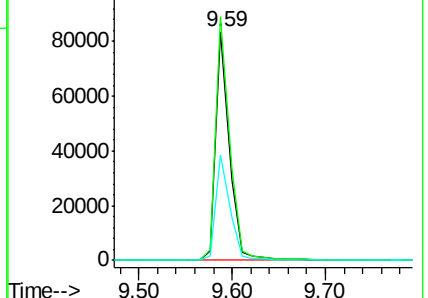
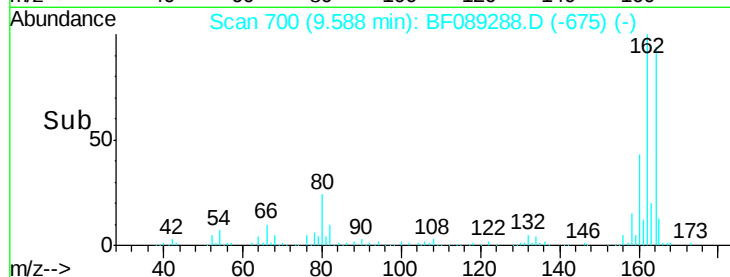
160 46.0 37.1 55.7



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: 101.07 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

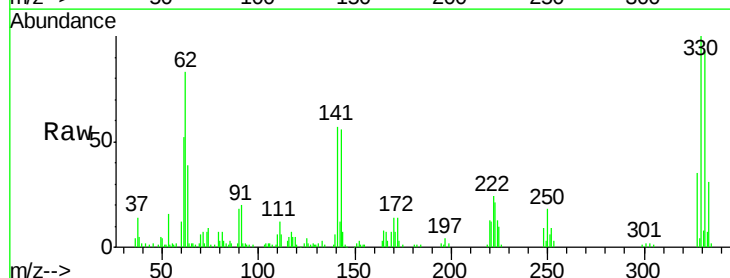
Tgt Ion:330 Resp: 77565

Ion Ratio Lower Upper

330 100

332 94.6 77.2 115.8

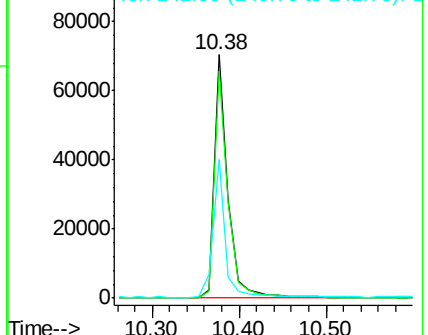
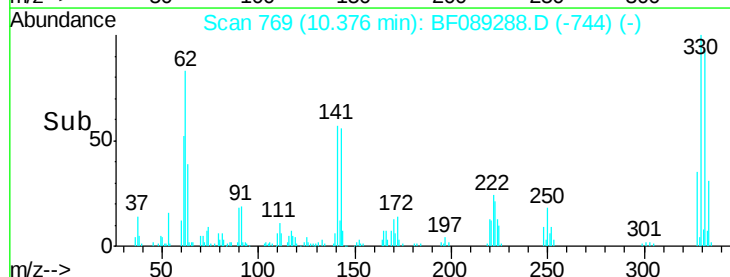
141 52.9 42.2 63.2

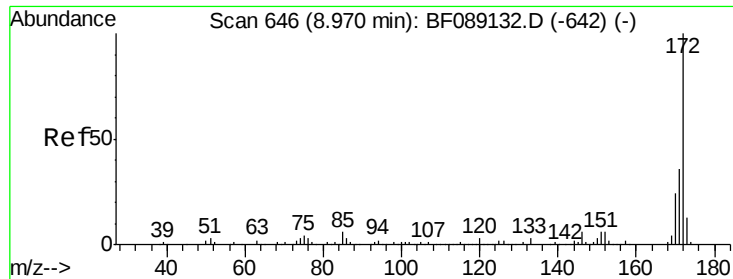


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

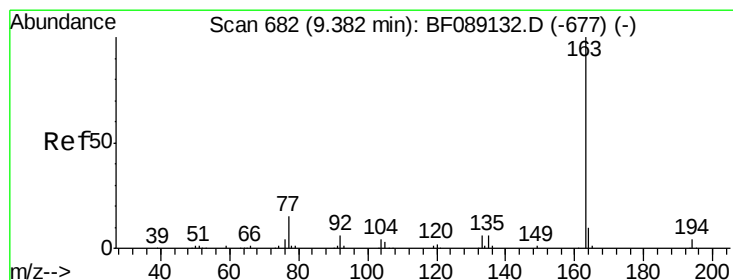
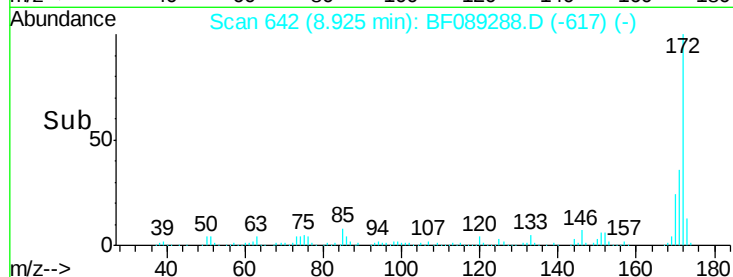
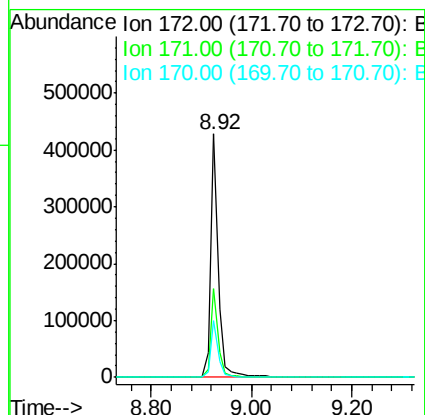
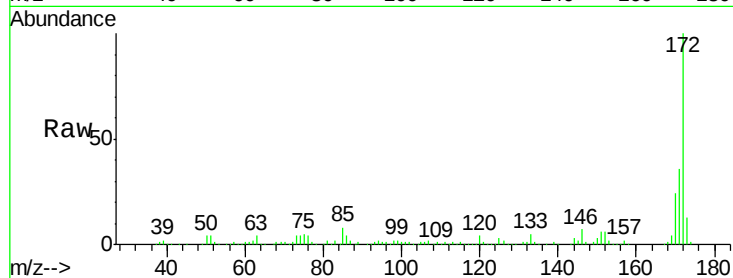




#44
 2-Fluorobiphenyl
 Concen: 72.78 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089288.D
 Acq: 25 Jul 2016 20:43

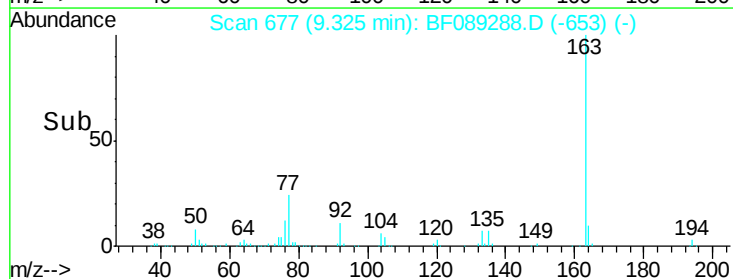
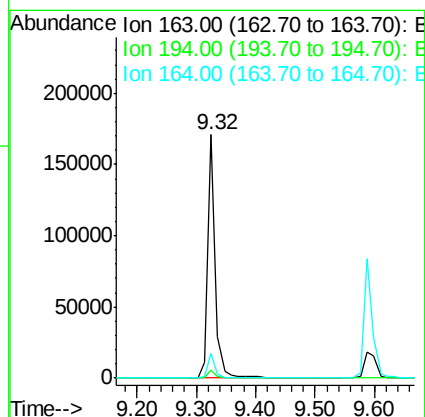
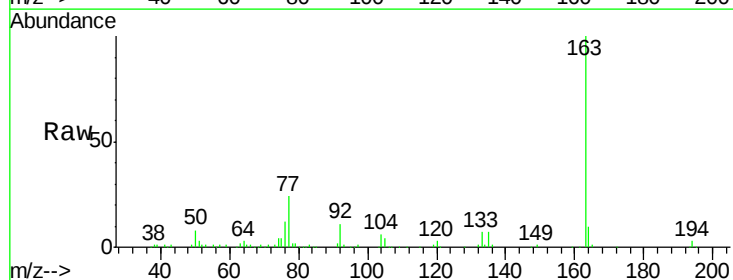
Instrument :
 BNA_F
 ClientSampleID :
 B2-S

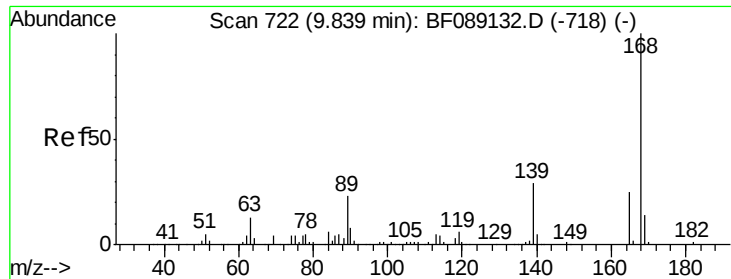
Tgt Ion:172 Resp: 450247
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 23.5 19.1 28.7



#49
 Dimethylphthalate
 Concen: 23.86 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF089288.D
 Acq: 25 Jul 2016 20:43

Tgt Ion:163 Resp: 156042
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 10.0 7.6 11.4

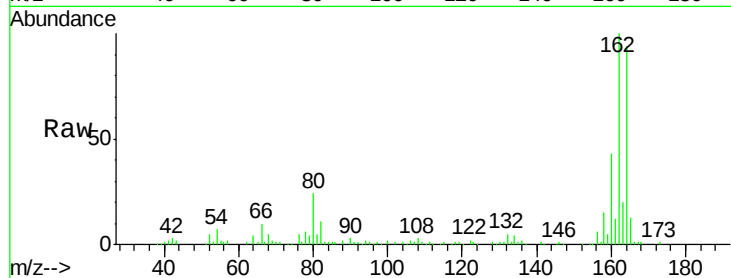




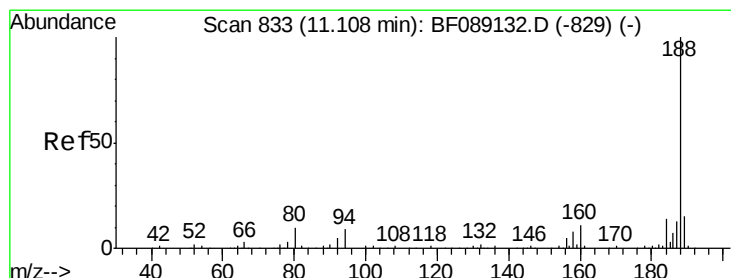
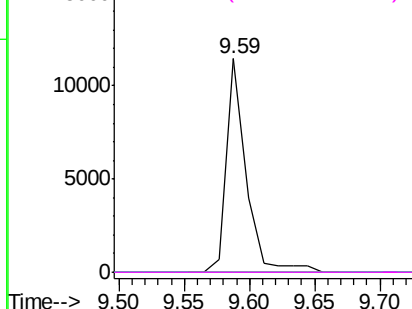
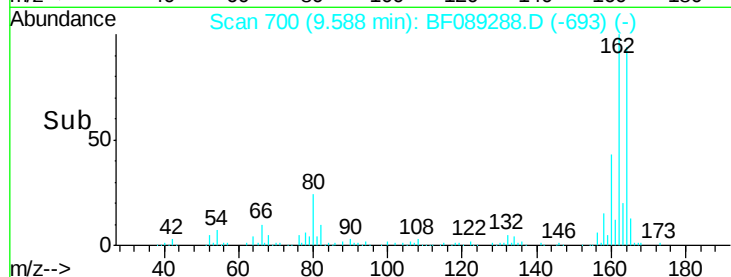
#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089288.D
 Acq: 25 Jul 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 B2-S

Tgt Ion:165 Resp: 12087
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.2#
 89 0.0 74.3 111.5#
 182 0.0 2.0 3.0#

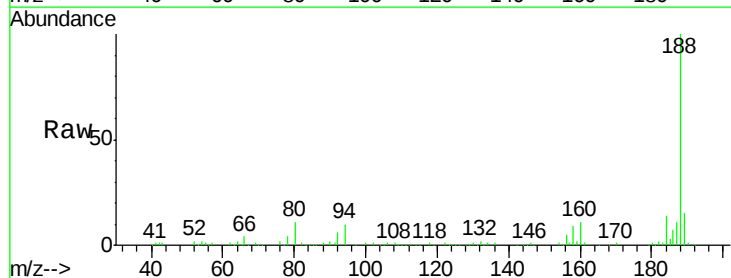


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

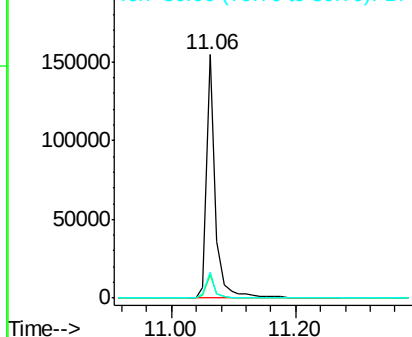
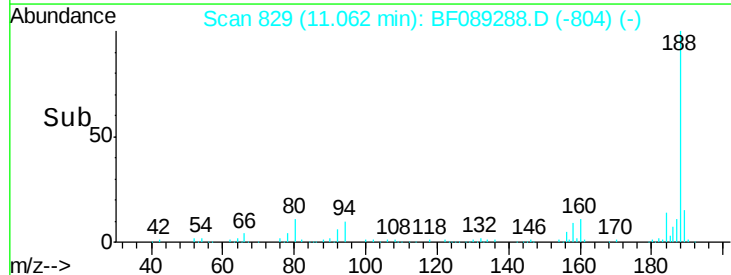


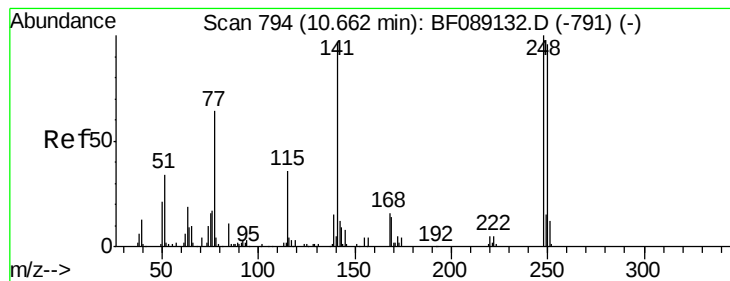
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF089288.D
 Acq: 25 Jul 2016 20:43

Tgt Ion:188 Resp: 154063
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.0 10.4
 80 10.8 7.7 11.5



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: 4.01 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.25 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

B2-S

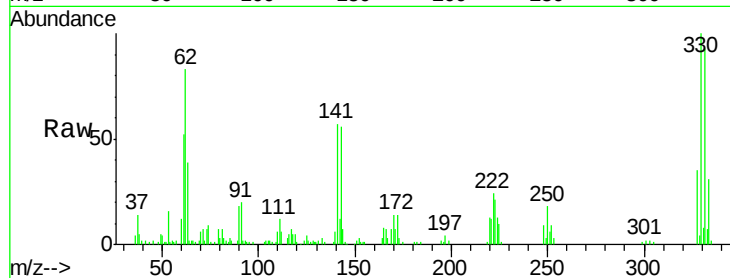
Tgt Ion:248 Resp: 6118

Ion Ratio Lower Upper

248 100

250 194.0 76.9 115.3#

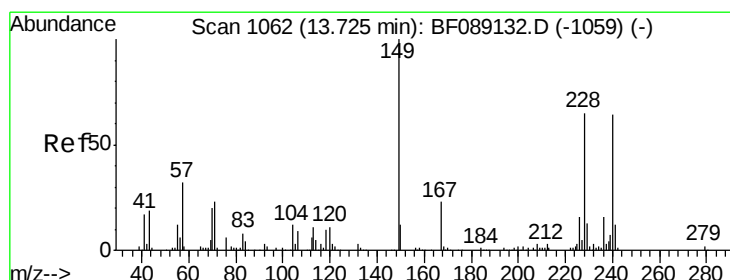
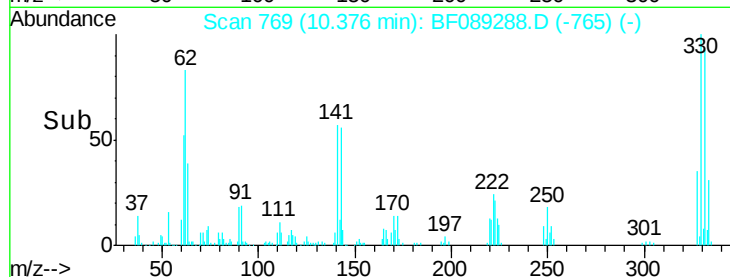
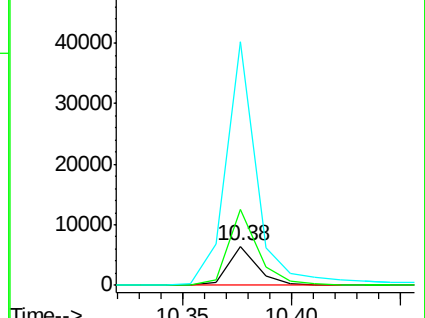
141 617.6 77.4 116.2#



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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089288.D

Acq: 25 Jul 2016 20:43

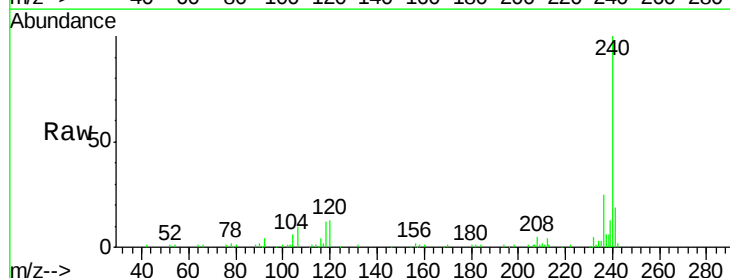
Tgt Ion:240 Resp: 96920

Ion Ratio Lower Upper

240 100

120 12.9 13.6 20.4#

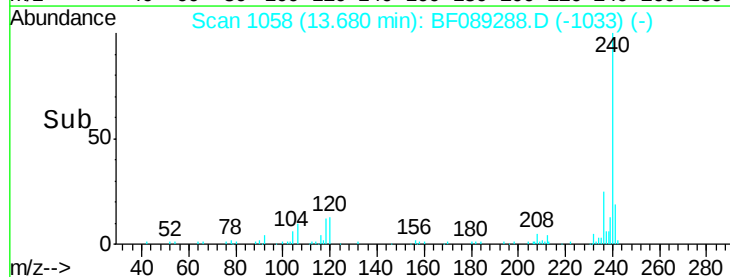
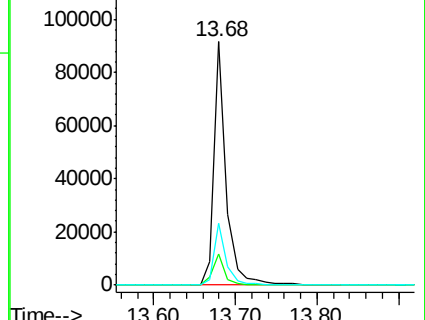
236 25.3 20.5 30.7

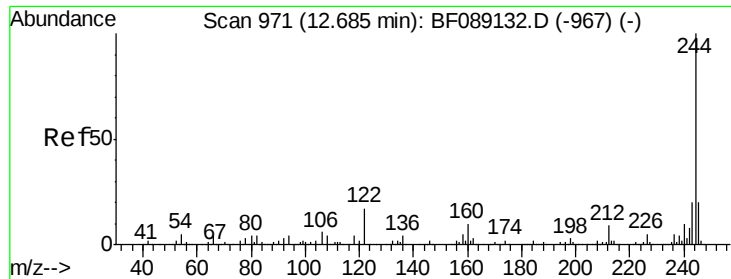


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

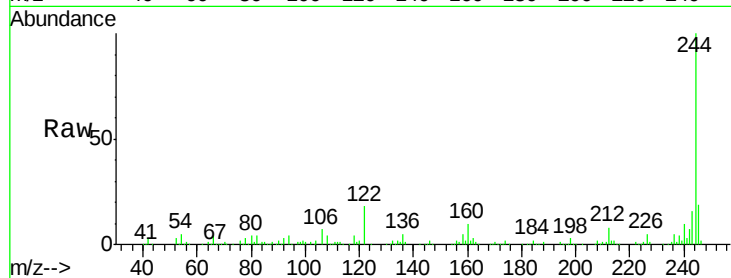




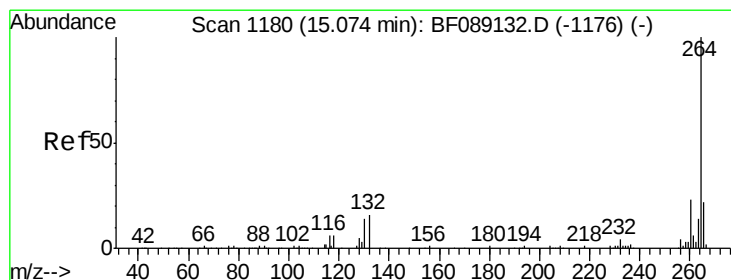
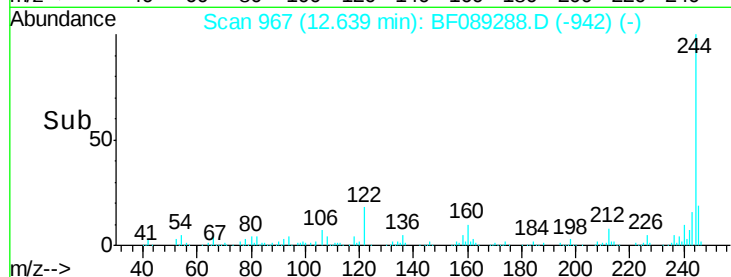
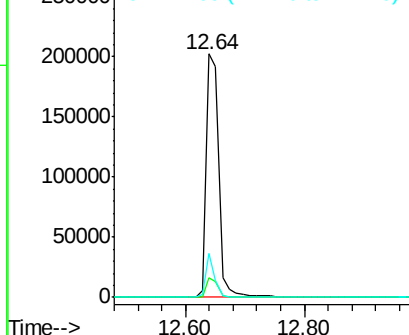
#78
 Terphenyl-d14
 Concen: 67.33 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF089288.D
 Acq: 25 Jul 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 B2-S

Tgt Ion:244 Resp: 300868
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.4
 122 17.9 13.8 20.8

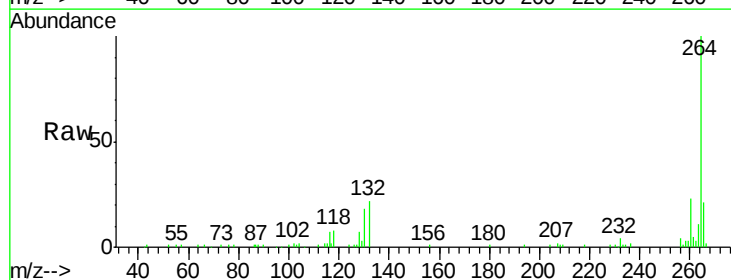


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089288.D
 Acq: 25 Jul 2016 20:43

Tgt Ion:264 Resp: 87103
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.5 27.7
 265 21.2 17.3 25.9



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

