

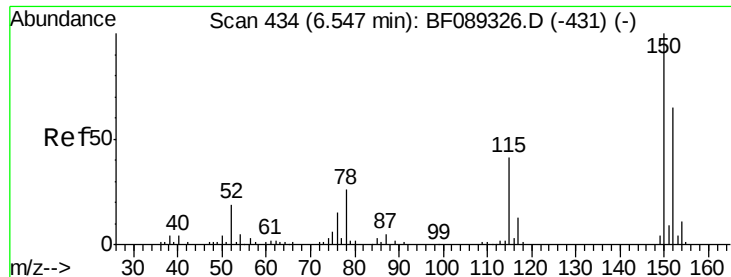
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089463.D
 Acq On : 30 Jul 2016 20:16
 Operator : UM/SJ
 Sample : H4284-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:12:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	41067	20.00	ng	-0.05
21) Naphthalene-d8	7.78	136	176392	20.00	ng	-0.05
38) Acenaphthene-d10	9.53	164	81288	20.00	ng	-0.05
63) Phenanthrene-d10	11.00	188	149734	20.00	ng	-0.05
75) Chrysene-d12	13.62	240	80481	20.00	ng	-0.05
86) Perylene-d12	14.95	264	72336	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	358401	139.35	ng	-0.03
7) Phenol-d6	6.16	99	460767	135.56	ng	-0.05
23) Nitrobenzene-d5	7.07	82	304149	101.78	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	82192	122.08	ng	-0.05
44) 2-Fluorobiphenyl	8.87	172	510841	92.23	ng	-0.05
78) Terphenyl-d14	12.58	244	346967	100.90	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	9042	5.45	ng	86
15) Benzyl Alcohol	6.65	79	4266	2.02	ng	# 53
19) n-Nitroso-di-n-propylamine	7.07	70	40645	19.83	ng	# 80
25) Isophorone	7.07	82	282756	46.97	ng	# 67
49) Dimethylphthalate	9.27	163	91073	14.72	ng	100
56) 2,4-Dinitrotoluene	9.53	165	10067	6.02	ng	# 7
66) 4-Bromophenyl-phenylether	10.32	248	5781	4.04	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF089463.D

Acq: 30 Jul 2016 20:16

Instrument :

BNA_F

ClientSampleId :

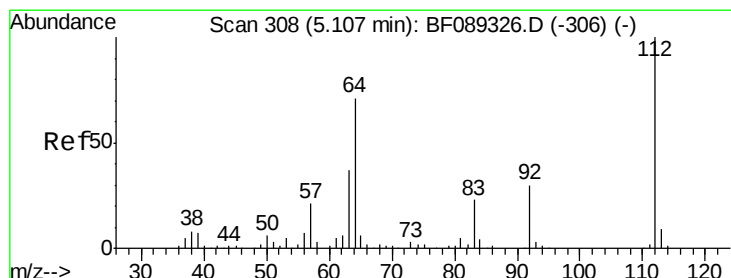
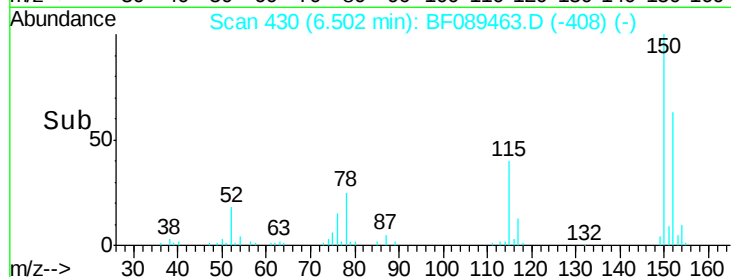
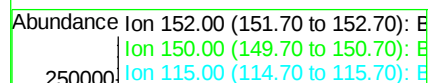
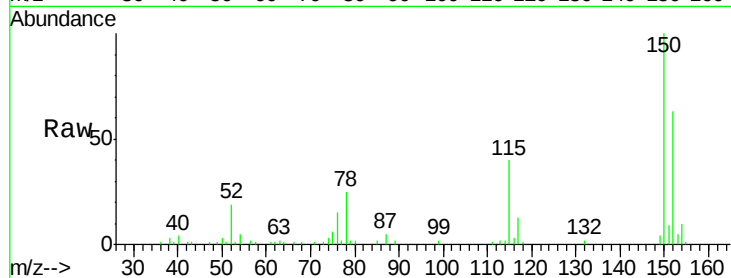
Tot Ion:152 Resp: 41067

Ion Ratio Lower Upper

152 100

150 158.0 129.5 194.3

115 63.6 51.4 77.2



#5

2-Fluorophenol

Concen: 139.35 ng

RT: 5.07 min Scan# 305

Delta R.T. -0.03 min

Lab File: BF089463.D

Acq: 30 Jul 2016 20:16

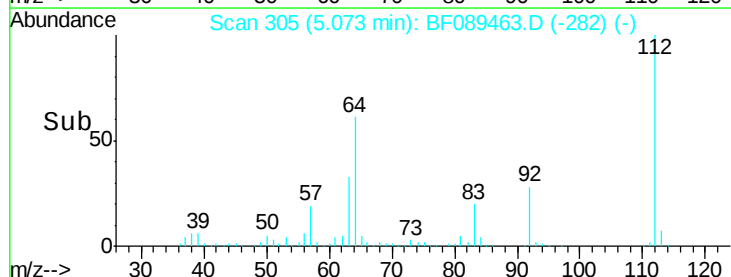
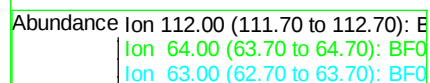
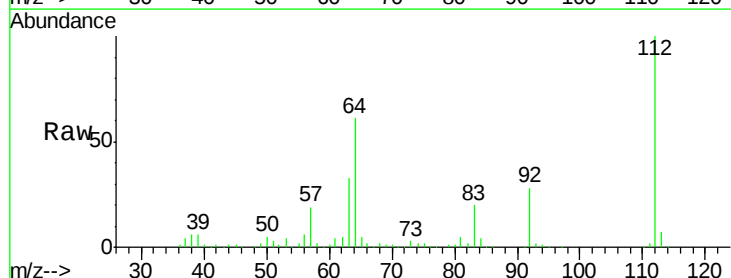
Tgt Ion:112 Resp: 358401

Ion Ratio Lower Upper

112 100

64 61.1 55.0 82.6

63 32.8 29.4 44.2





#7

Phenol-d6

Concen: 135.56 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089463.D

Acq: 30 Jul 2016 20:16

Instrument :

BNA_F

ClientSampleId :

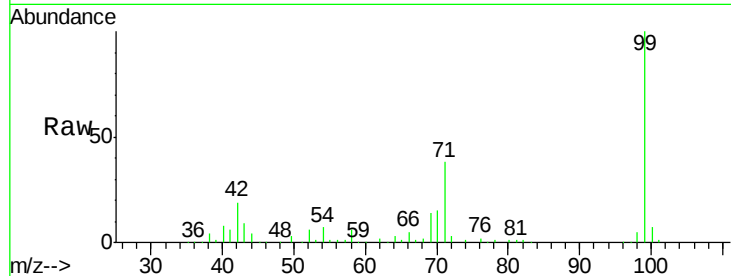
Tot Ion: 99 Resp: 460767

Ion Ratio Lower Upper

99 100

42 19.1 13.6 20.4

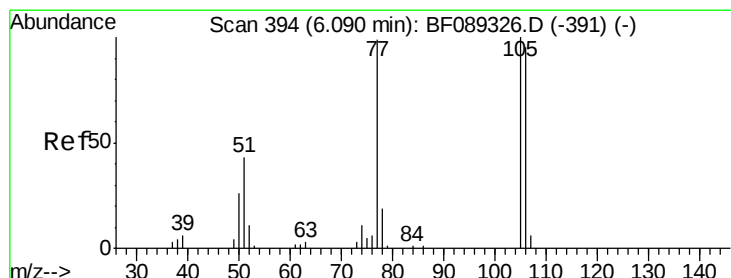
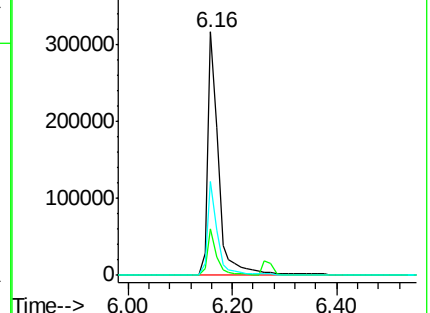
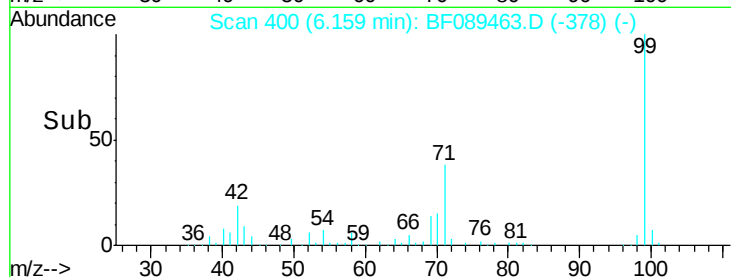
71 38.5 29.4 44.2



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



#9

Benzaldehyde

Concen: 5.45 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.18 min

Lab File: BF089463.D

Acq: 30 Jul 2016 20:16

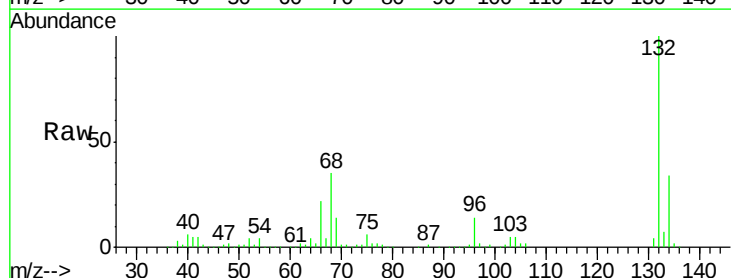
Tgt Ion: 77 Resp: 9042

Ion Ratio Lower Upper

77 100

105 88.7 82.9 122.9

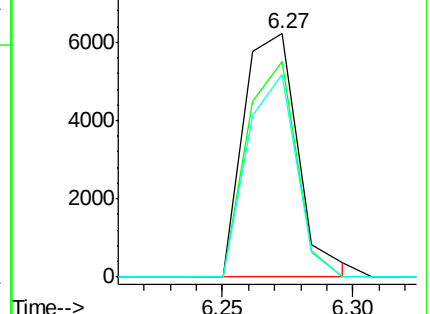
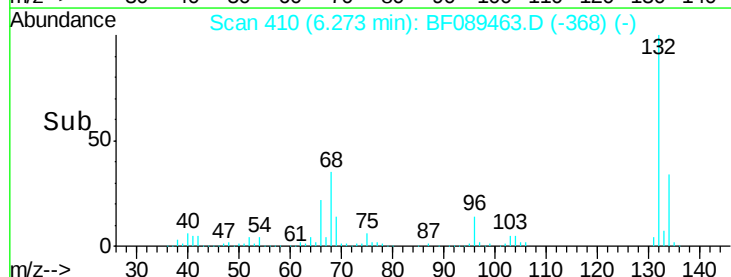
106 83.2 75.9 115.9

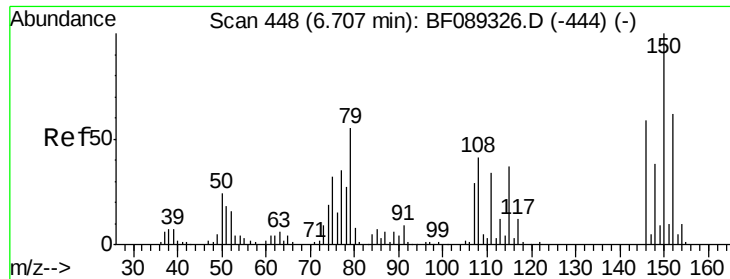


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.06 min

Lab File: BF089463.D

Acq: 30 Jul 2016 20:16

Instrument :

BNA_F

ClientSampleId :

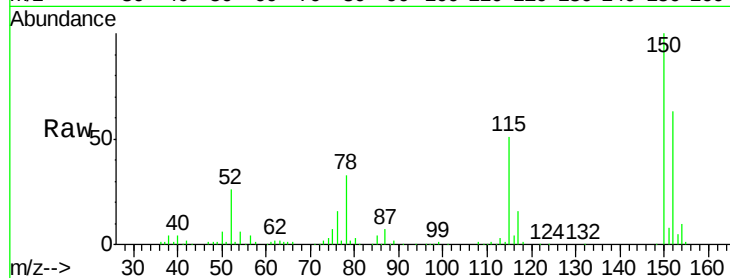
Tot Ion: 79 Resp: 4266

Ion Ratio Lower Upper

79 100

108 28.5 59.8 89.6#

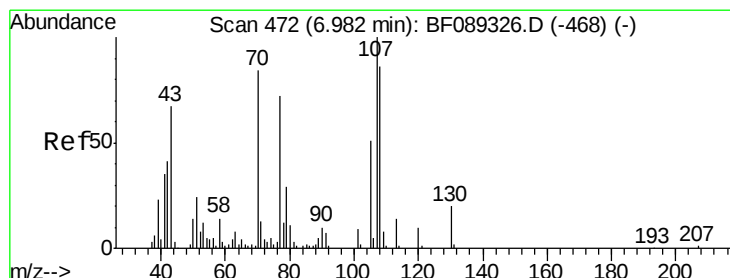
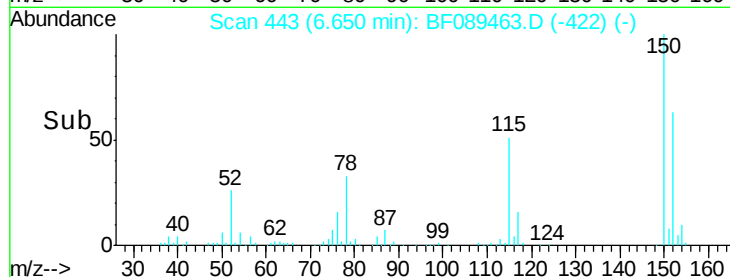
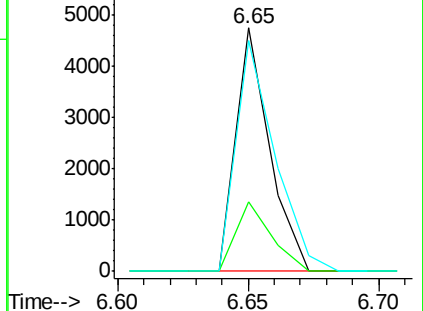
77 94.9 51.7 77.5#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.83 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.09 min

Lab File: BF089463.D

Acq: 30 Jul 2016 20:16

Tgt Ion: 70 Resp: 40645

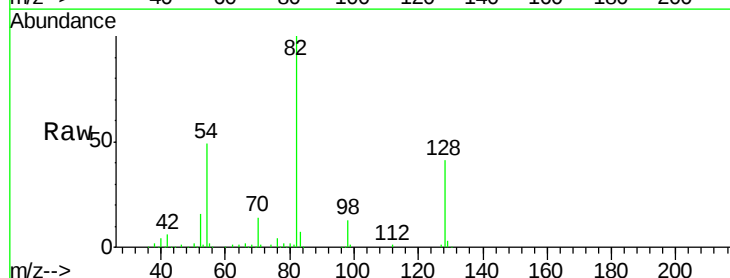
Ion Ratio Lower Upper

70 100

42 43.8 38.6 57.8

101 0.0 8.3 12.5#

130 1.8 19.0 28.4#

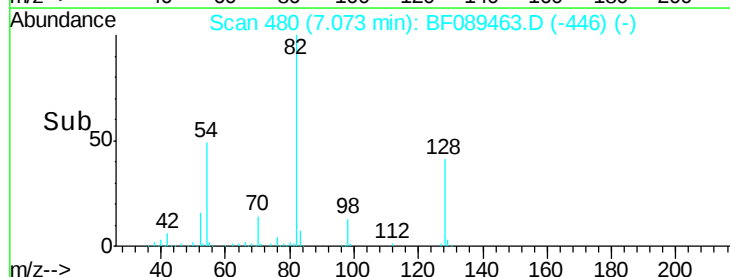
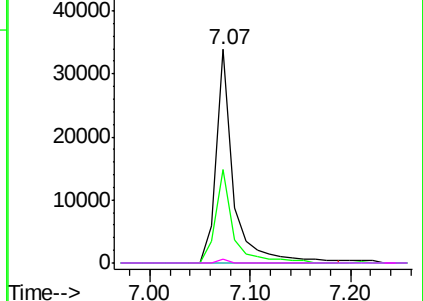


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

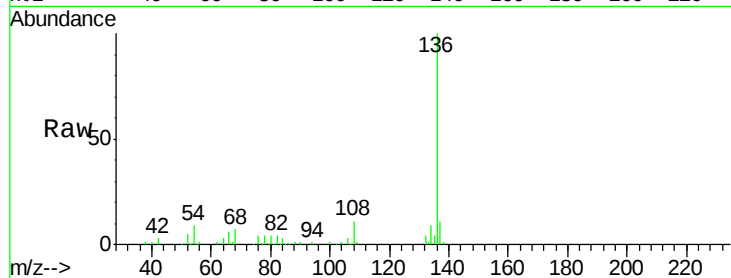




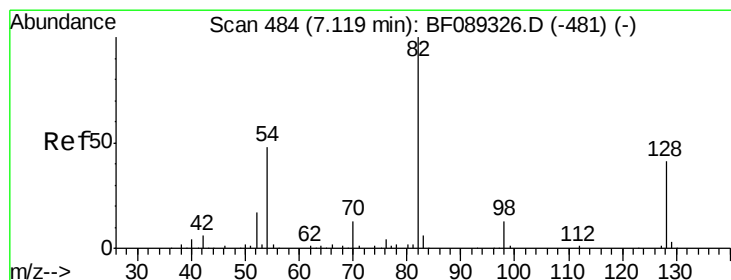
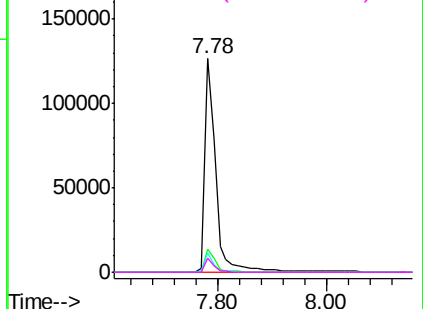
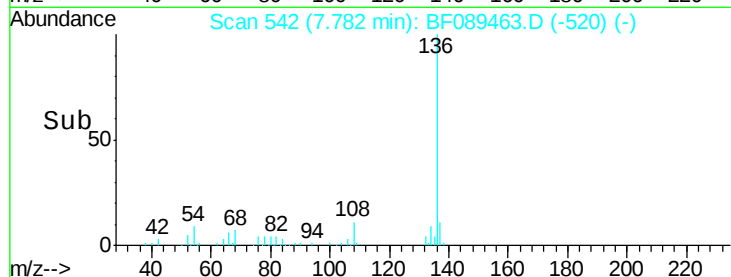
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089463.D
Acq: 30 Jul 2016 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	176392
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.6 13.0
54	8.7	7.0 10.4
68	6.7	4.9 7.3

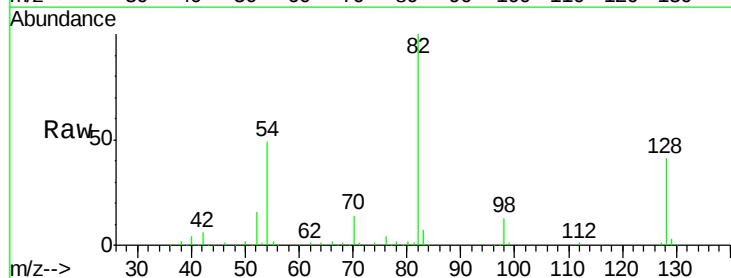


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

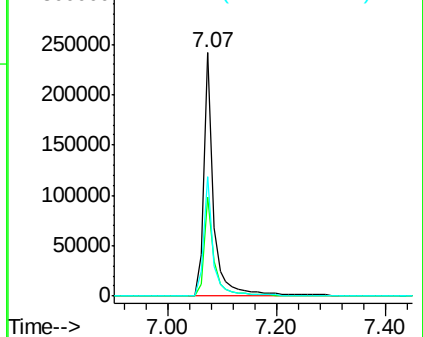
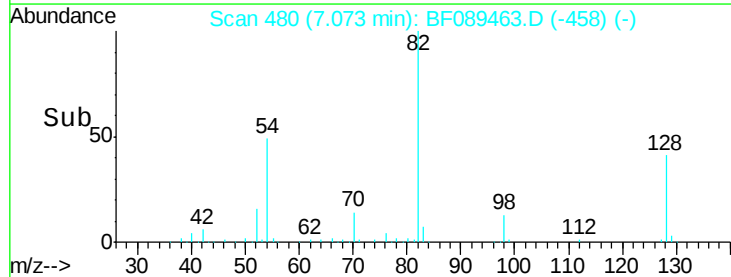


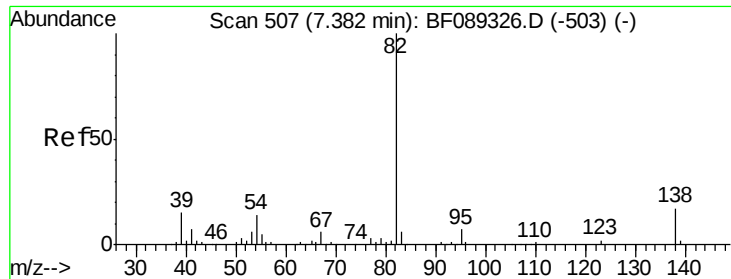
#23
Nitrobenzene-d5
Concen: 101.78 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF089463.D
Acq: 30 Jul 2016 20:16

Tgt Ion: 82	Resp:	304149
Ion	Ratio	Lower Upper
82	100	
128	40.7	32.5 48.7
54	49.0	38.8 58.2



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





#25

Isophorone

Concen: 46.97 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.31 min

Lab File: BF089463.D

Acq: 30 Jul 2016 20:16

Instrument :

BNA_F

ClientSampleId :

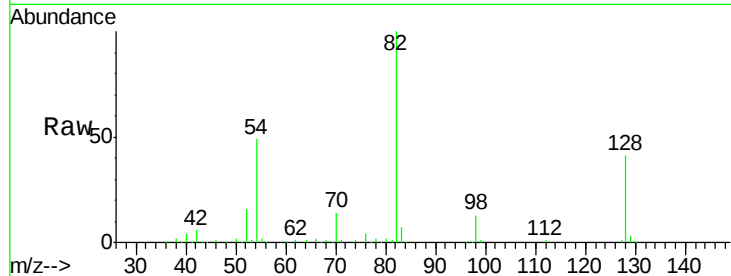
Tot Ion: 82 Resp: 282756

Ion Ratio Lower Upper

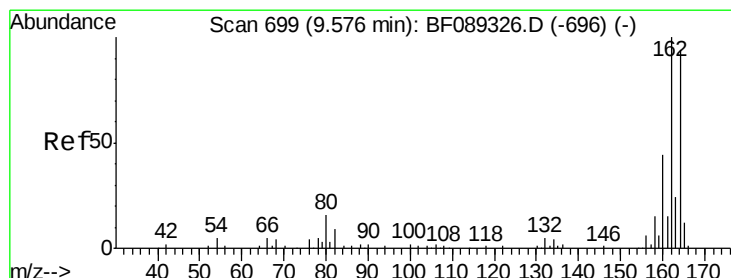
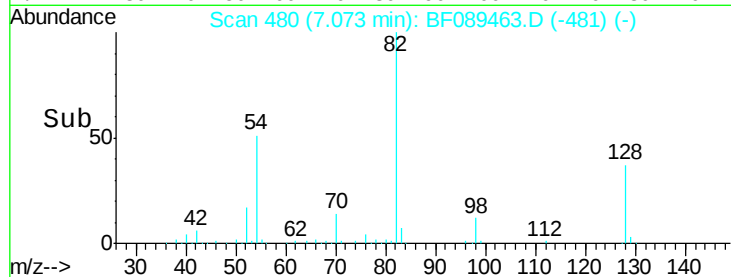
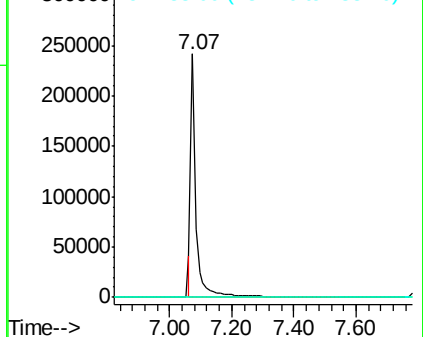
82 100

95 0.0 6.0 9.0#

138 0.0 13.3 19.9#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.05 min

Lab File: BF089463.D

Acq: 30 Jul 2016 20:16

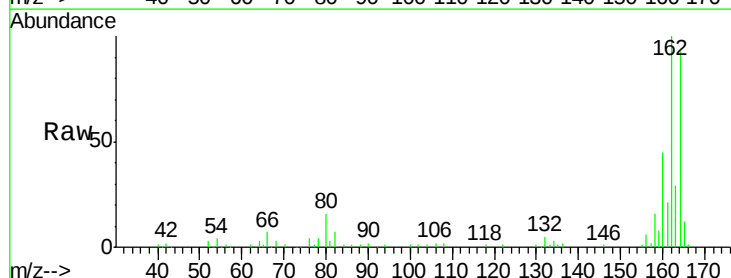
Tgt Ion: 164 Resp: 81288

Ion Ratio Lower Upper

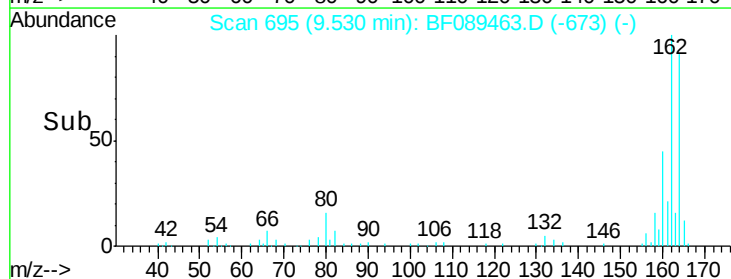
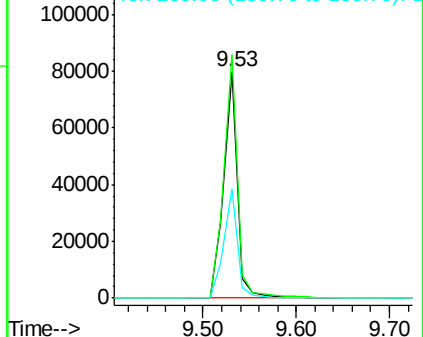
164 100

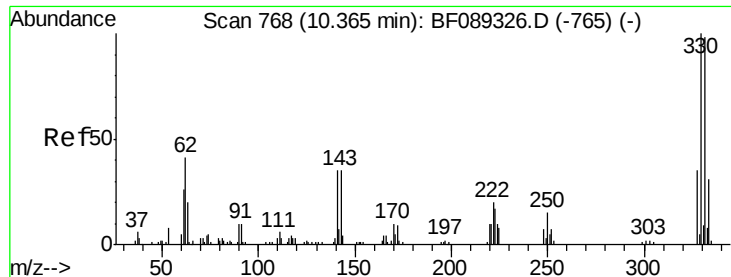
162 107.9 83.7 125.5

160 48.1 37.8 56.6



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

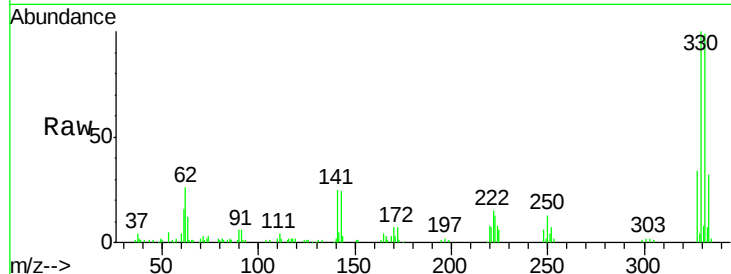




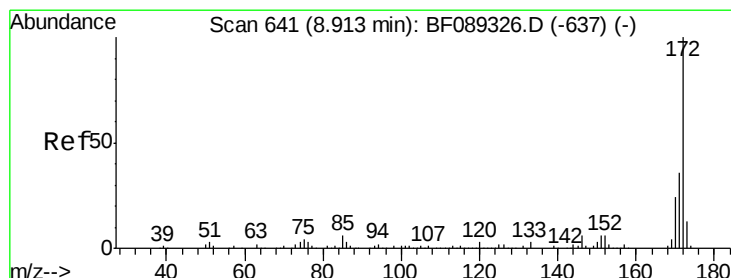
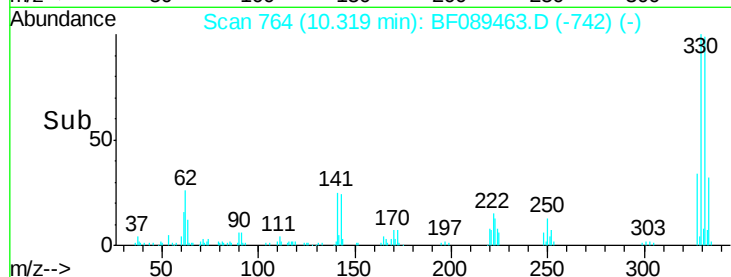
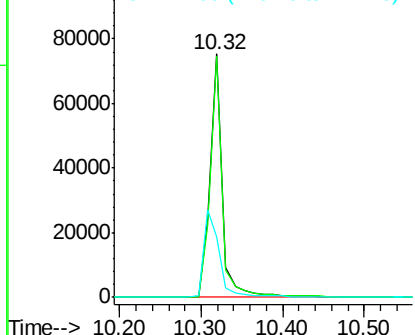
#41
 2,4,6-Tribromophenol
 Concen: 122.08 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF089463.D
 Acq: 30 Jul 2016 20:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 82192
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 44.3 37.3 55.9

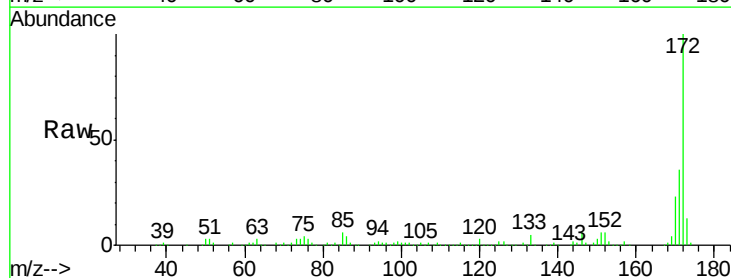


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

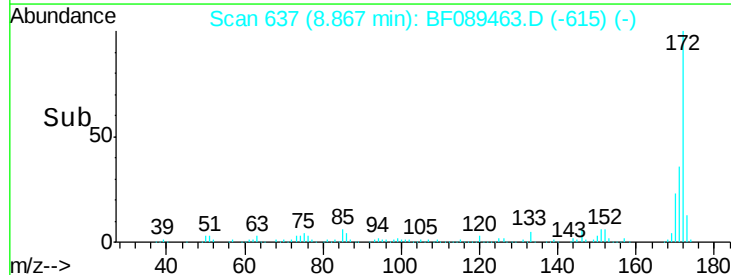
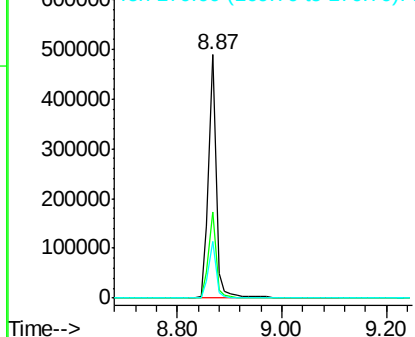


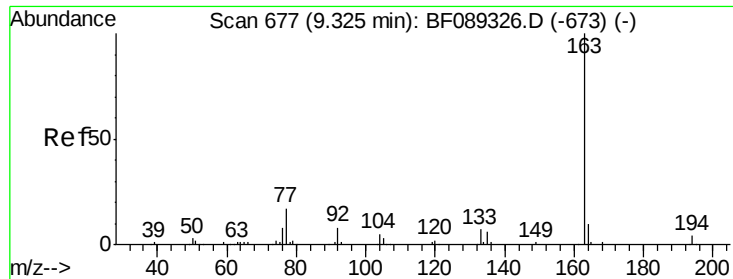
#44
 2-Fluorobiphenyl
 Concen: 92.23 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.05 min
 Lab File: BF089463.D
 Acq: 30 Jul 2016 20:16

Tgt Ion:172 Resp: 510841
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.1 19.2 28.8



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

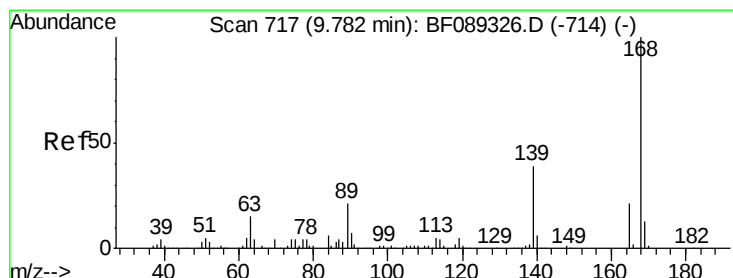
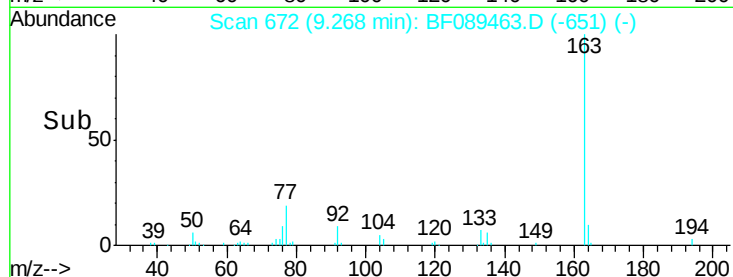
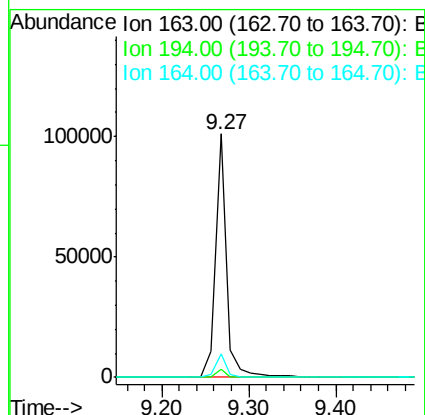
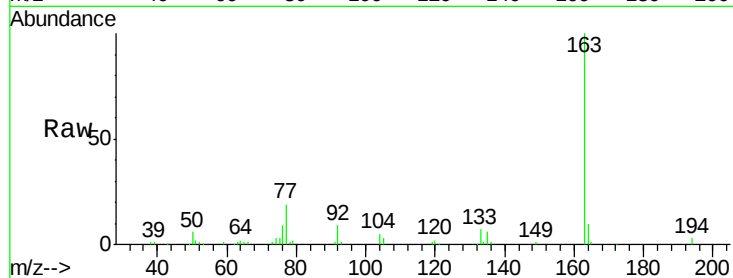




#49
Dimethylphthalate
Concen: 14.72 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF089463.D
Acq: 30 Jul 2016 20:16

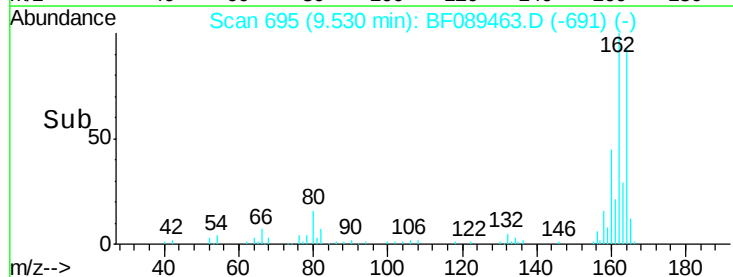
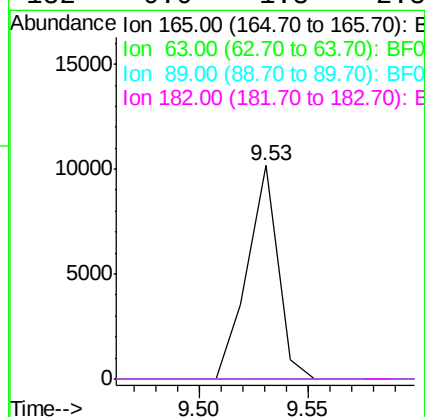
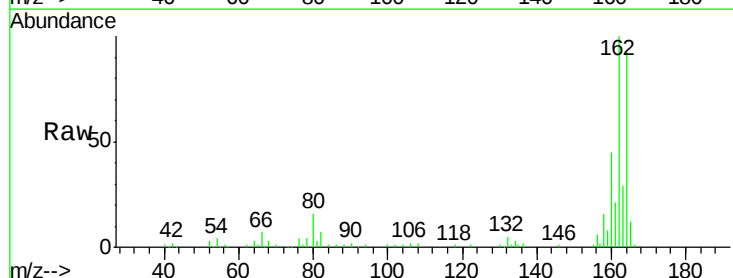
Instrument :
BNA_F
ClientSampleId :

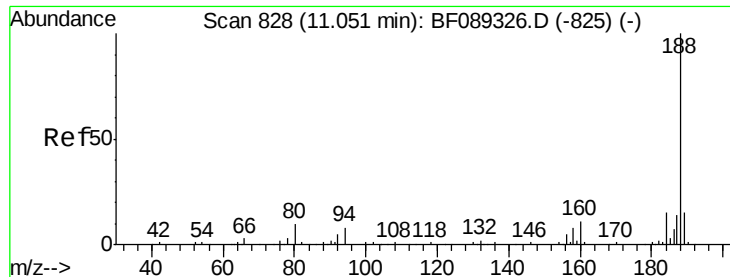
Tot Ion:163 Resp: 91073
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.7 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.25 min
Lab File: BF089463.D
Acq: 30 Jul 2016 20:16

Tgt Ion:165 Resp: 10067
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.2#
89 0.0 79.1 118.7#
182 0.0 1.8 2.8#

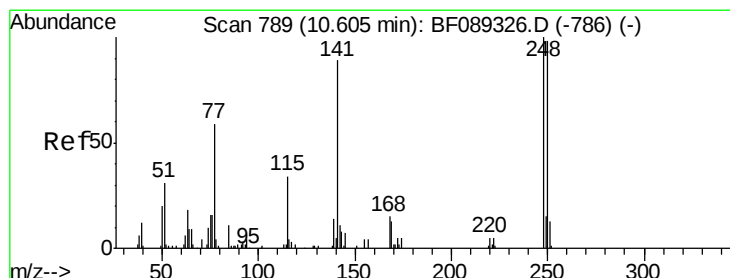
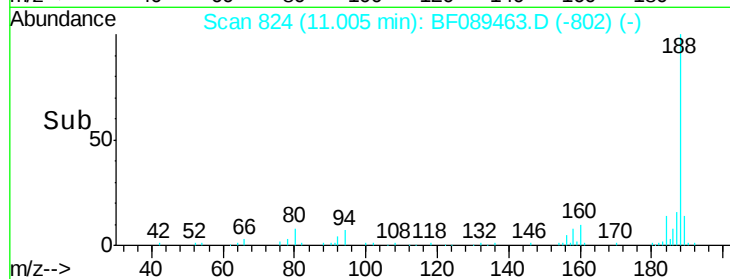
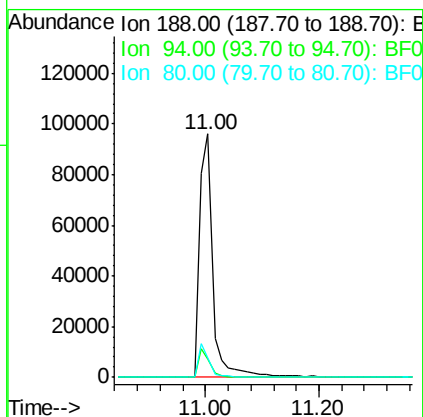
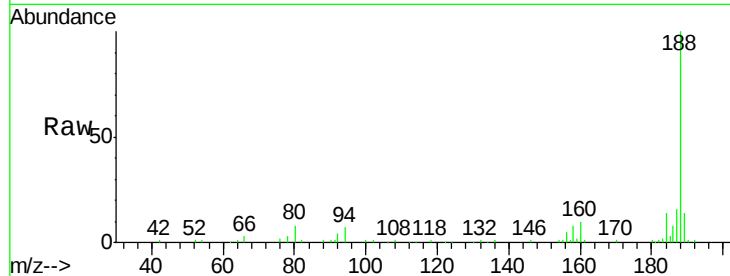




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.05 min
 Lab File: BF089463.D
 Acq: 30 Jul 2016 20:16

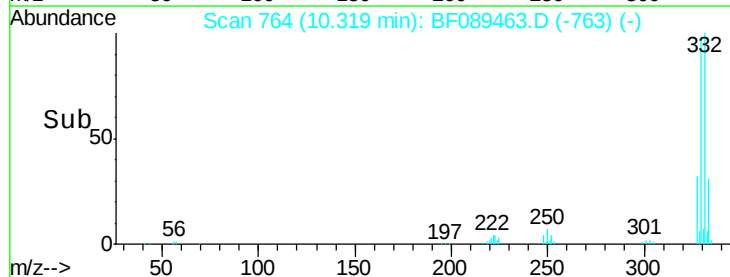
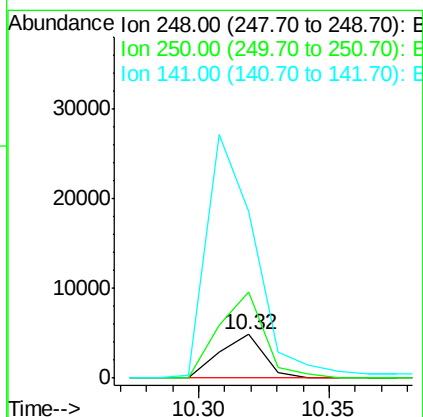
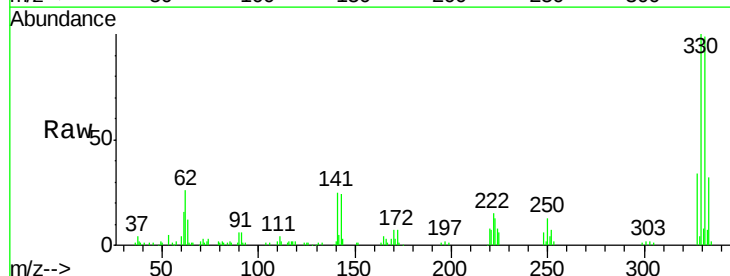
Instrument :
 BNA_F
 ClientSampleId :

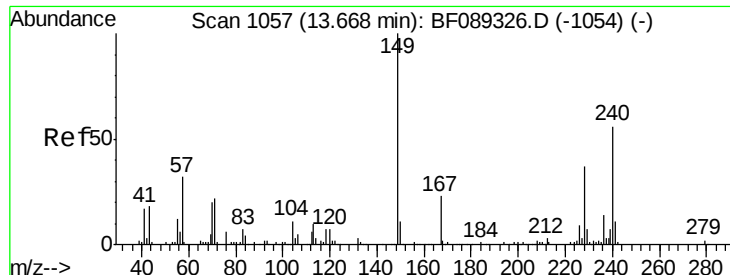
Tot Ion:188 Resp: 149734
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.5 9.7
 80 8.1 7.2 10.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.04 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.29 min
 Lab File: BF089463.D
 Acq: 30 Jul 2016 20:16

Tgt Ion:248 Resp: 5781
 Ion Ratio Lower Upper
 248 100
 250 196.0 78.2 117.2#
 141 381.2 62.0 93.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089463.D

Acq: 30 Jul 2016 20:16

Instrument :

BNA_F

ClientSampleId :

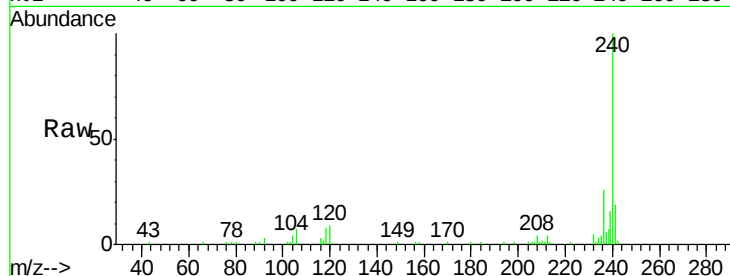
Tot Ion:240 Resp: 80481

Ion Ratio Lower Upper

240 100

120 9.0 9.1 13.7#

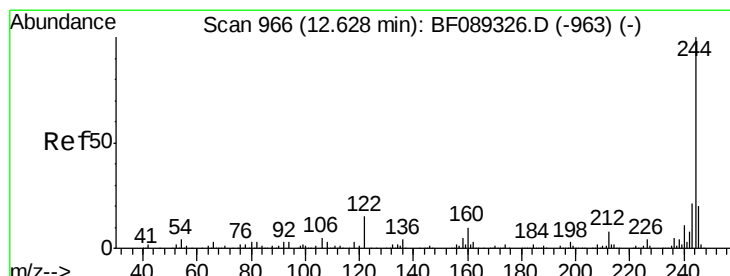
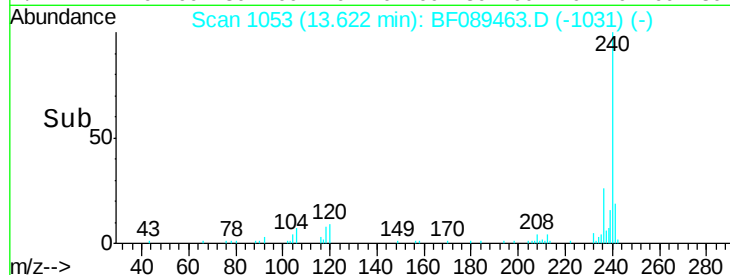
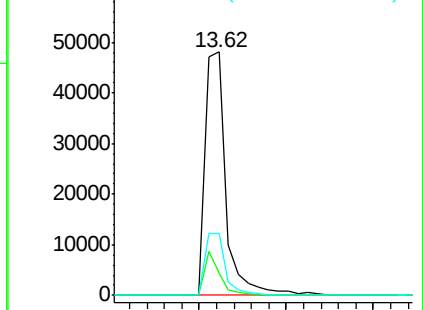
236 25.6 20.6 30.8



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: 100.90 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF089463.D

Acq: 30 Jul 2016 20:16

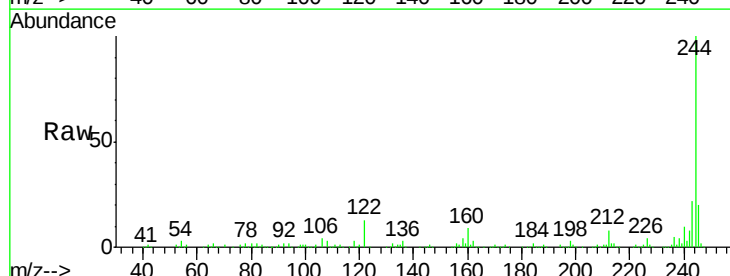
Tgt Ion:244 Resp: 346967

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

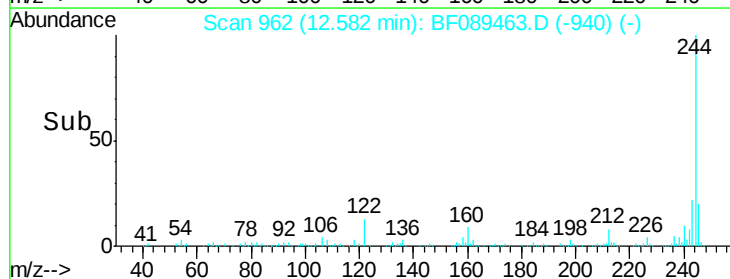
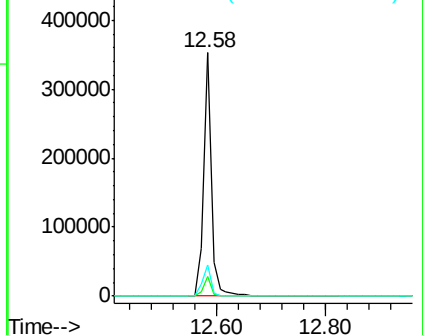
122 12.6 11.4 17.0

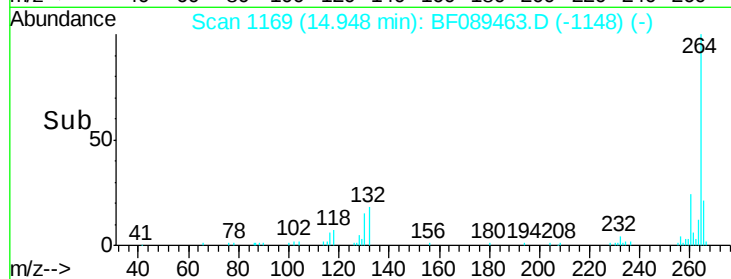
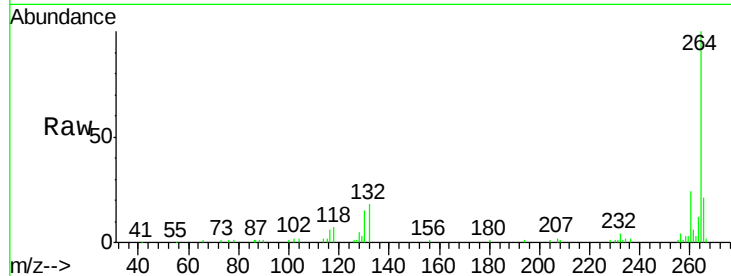
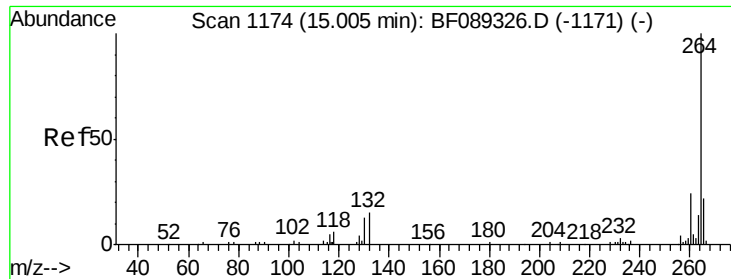


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF089463.D
 Acq: 30 Jul 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 72336
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.1 17.5 26.3

