

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF090005.D
 Acq On : 7 Sep 2016 15:20
 Operator : UM/SJ
 Sample : H4676-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 16:44:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

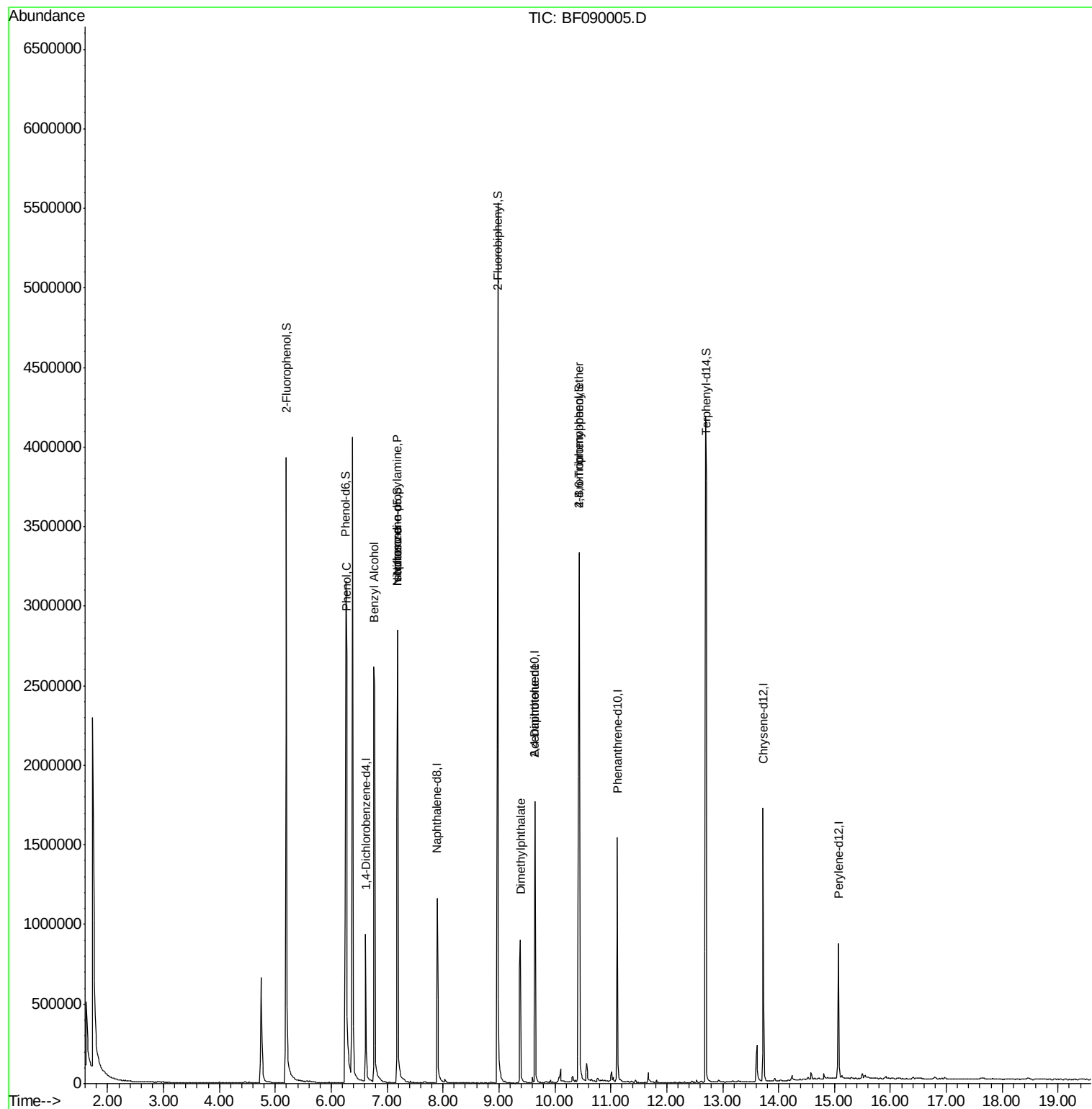
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	175858	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	710054	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	387081	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	784758	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	615864	20.00	ng	-0.03
86) Perylene-d12	15.07	264	470962	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1542825	140.43	ng	-0.01
7) Phenol-d6	6.26	99	2064439	154.64	ng	-0.02
23) Nitrobenzene-d5	7.19	82	1246860	101.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	509575	133.44	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	2022994	85.79	ng	-0.02
78) Terphenyl-d14	12.71	244	2155814	86.47	ng	-0.02
Target Compounds						
10) Phenol	6.27	94	32781	2.11	ng	# 1
15) Benzyl Alcohol	6.76	79	17283	2.07	ng	# 48
19) n-Nitroso-di-n-propylamine	7.19	70	165325	19.00	ng	# 79
25) Isophorone	7.19	82	1216637	48.87	ng	# 65
49) Dimethylphthalate	9.38	163	609497	21.79	ng	# 98
56) 2,4-Dinitrotoluene	9.64	165	47492	6.02	ng	# 29
66) 4-Bromophenyl-phenylether	10.43	248	36320	4.60	ng	# 1

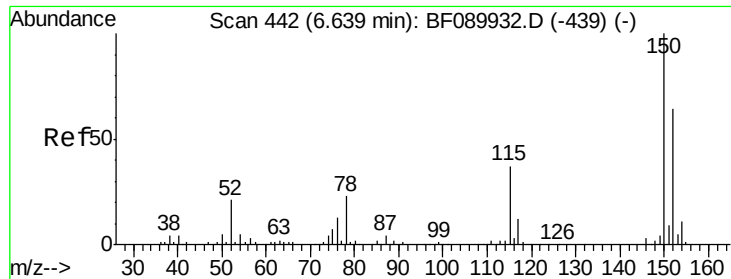
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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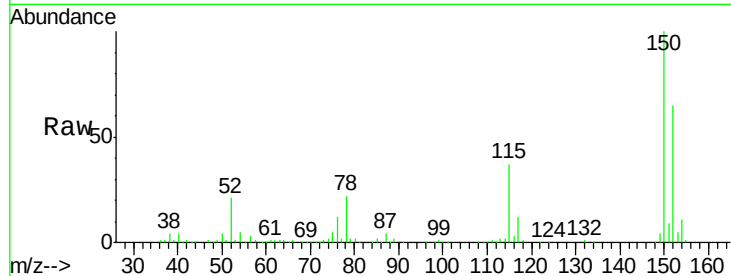


#1

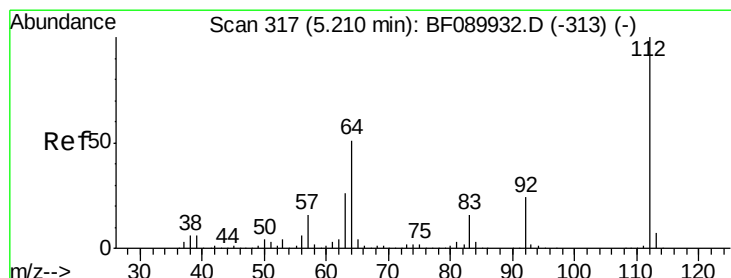
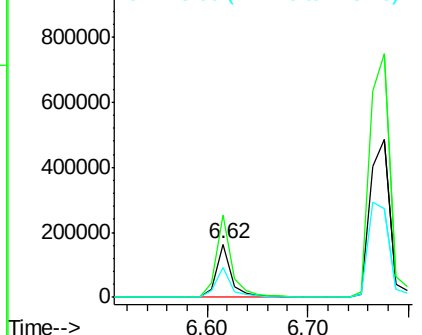
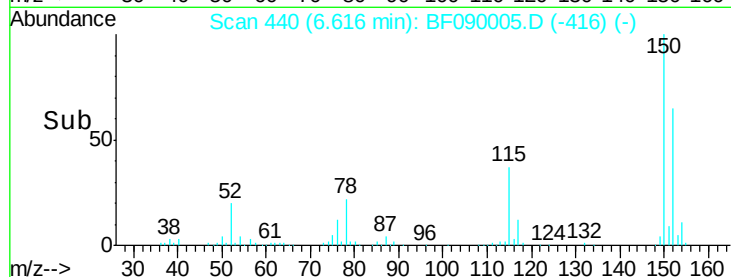
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090005.D
Acq: 7 Sep 2016 15:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 175858
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.2
115 56.8 46.3 69.5



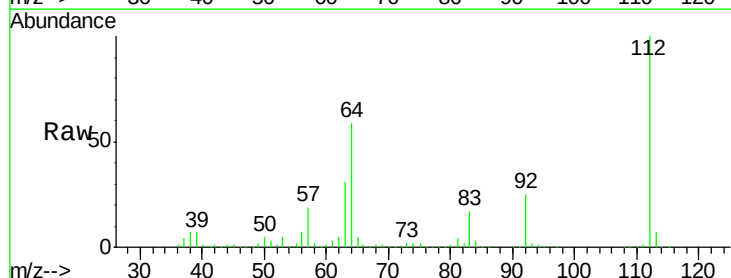
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



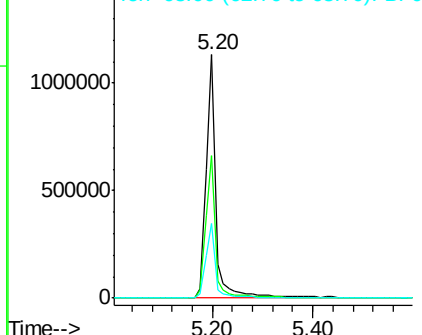
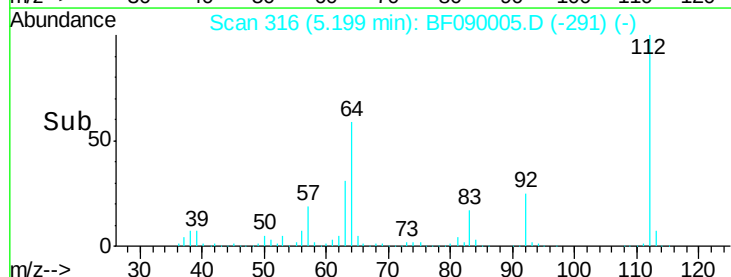
#5

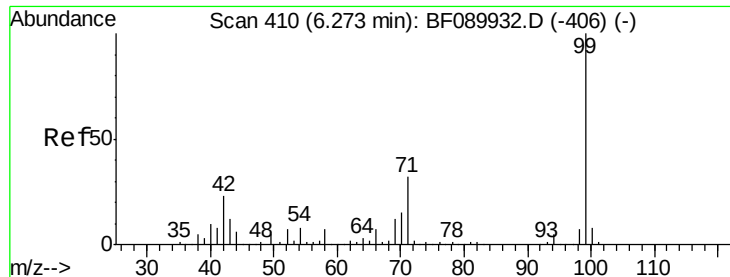
2-Fluorophenol
Concen: 140.43 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.01 min
Lab File: BF090005.D
Acq: 7 Sep 2016 15:20

Tgt Ion:112 Resp: 1542825
Ion Ratio Lower Upper
112 100
64 58.7 41.1 61.7
63 30.8 21.2 31.8



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: 154.64 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090005.D

Acq: 7 Sep 2016 15:20

Instrument :

BNA_F

ClientSampled :

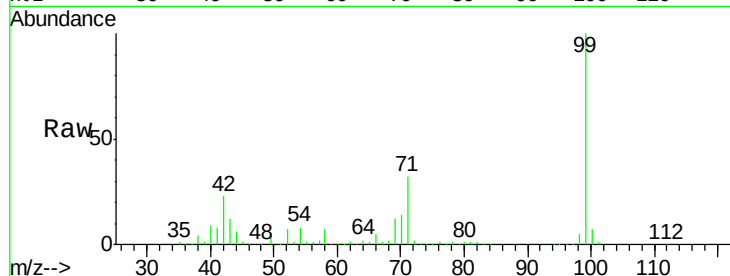
Tot Ion: 99 Resp: 2064439

Ion Ratio Lower Upper

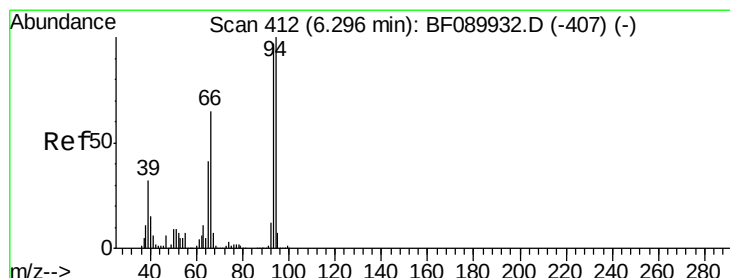
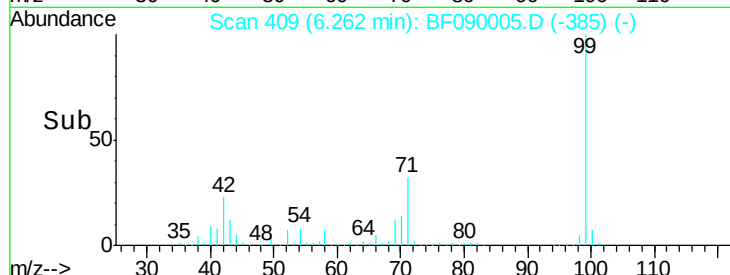
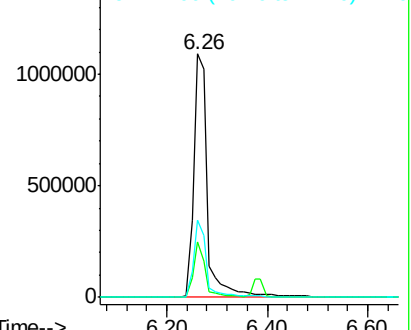
99 100

42 22.9 18.6 27.8

71 32.0 25.8 38.6



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



#10

Phenol

Concen: 2.11 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF090005.D

Acq: 7 Sep 2016 15:20

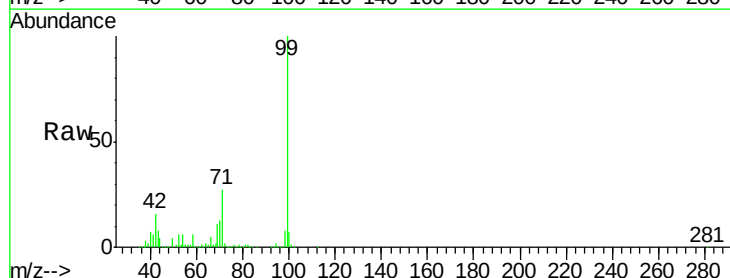
Tgt Ion: 94 Resp: 32781

Ion Ratio Lower Upper

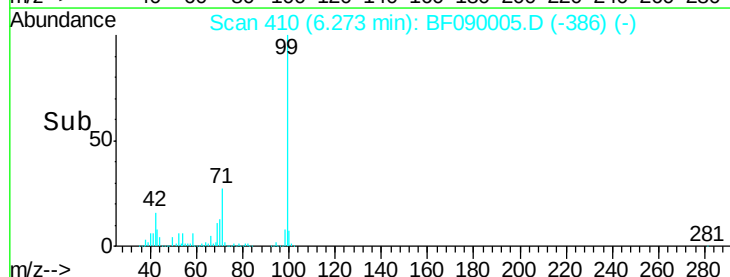
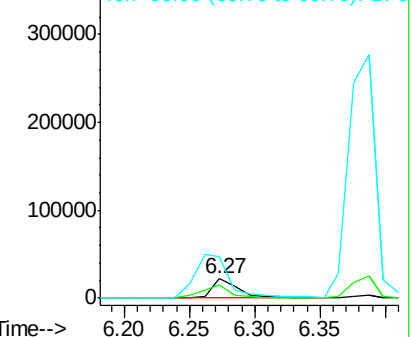
94 100

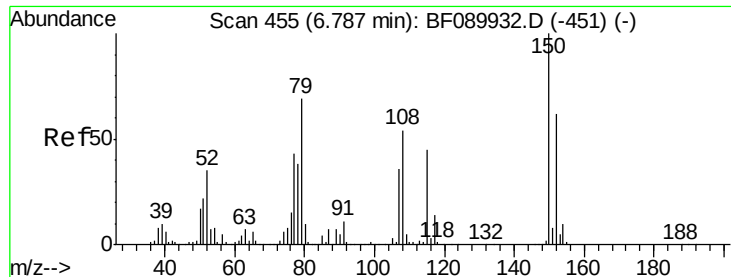
65 69.3 23.2 63.2#

66 213.1 49.2 89.2#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF090005.D

Acq: 7 Sep 2016 15:20

Instrument :

BNA_F

ClientSampleId :

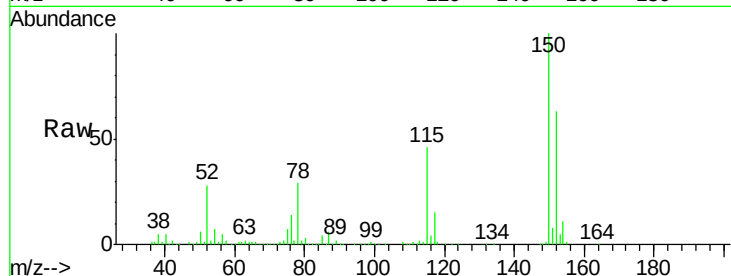
Tot Ion: 79 Resp: 17283

Ion Ratio Lower Upper

79 100

108 26.6 62.1 93.1#

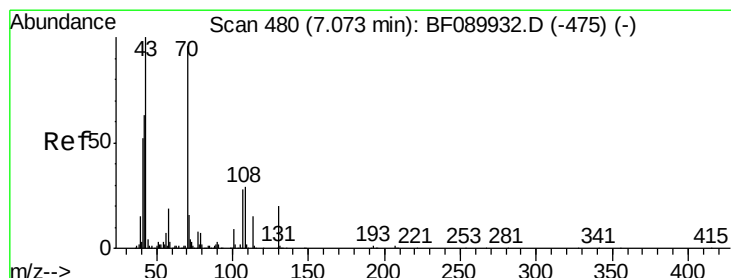
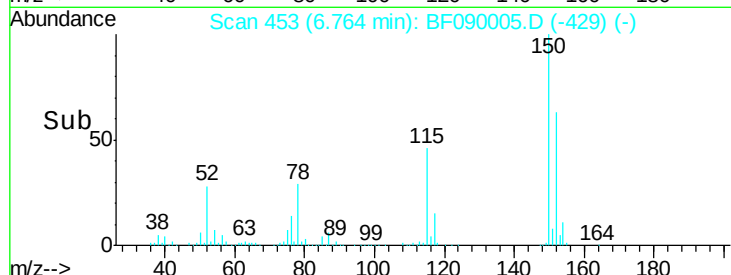
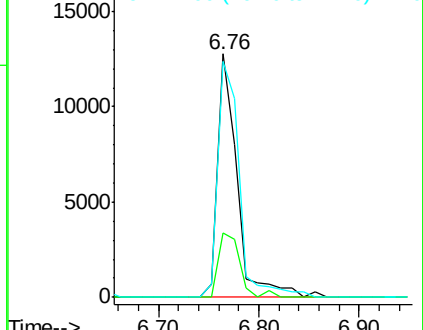
77 96.9 50.1 75.1#



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: 19.00 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.11 min

Lab File: BF090005.D

Acq: 7 Sep 2016 15:20

Tgt Ion: 70 Resp: 165325

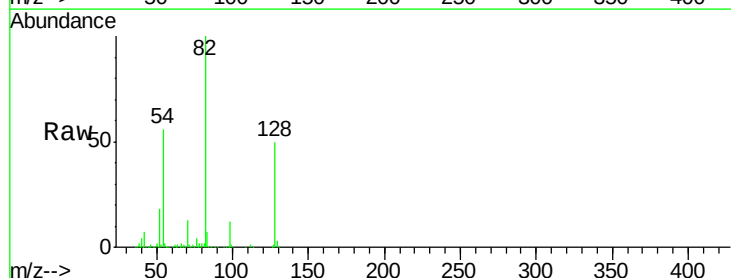
Ion Ratio Lower Upper

70 100

42 54.3 52.1 78.1

101 0.0 7.4 11.2#

130 2.5 17.0 25.4#

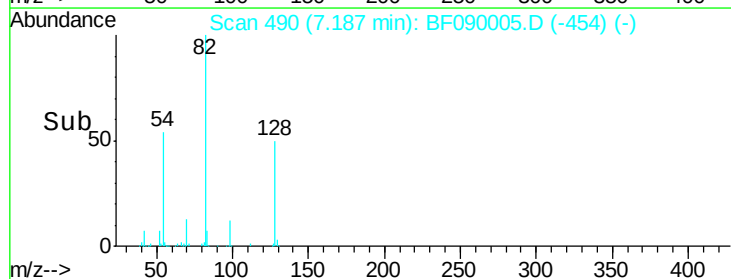
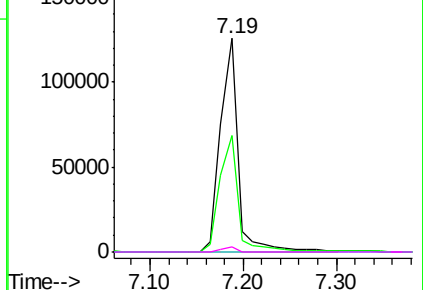


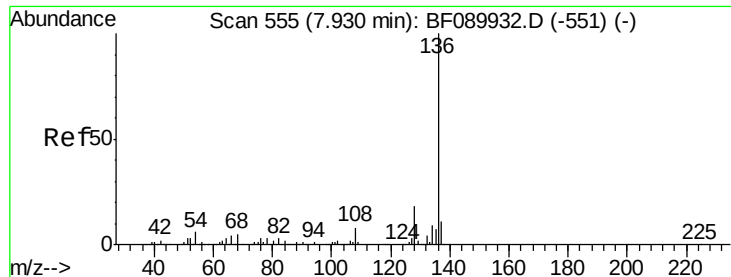
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.90 min Scan# 552

Delta R.T. -0.03 min

Lab File: BF090005.D

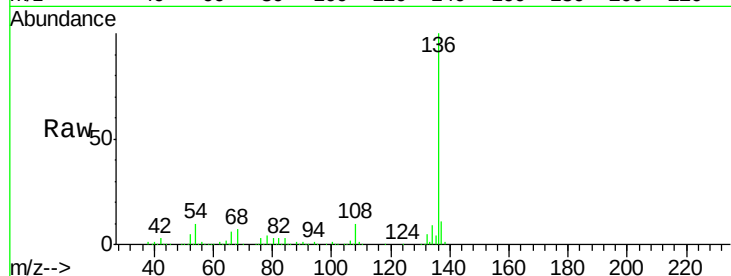
Acq: 7 Sep 2016 15:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	710054
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.3 12.5
54	10.4	4.8 7.2#
68	6.9	3.7 5.5#

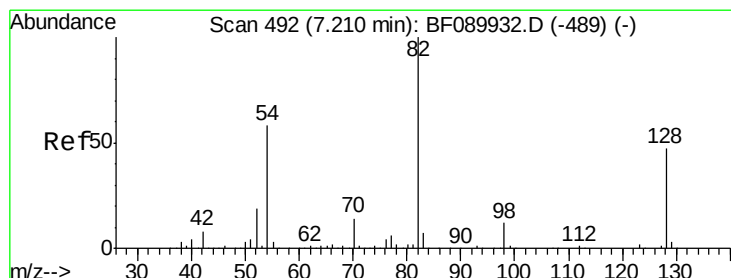
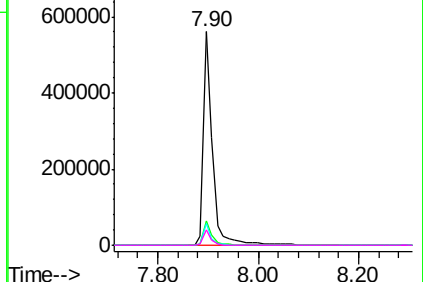
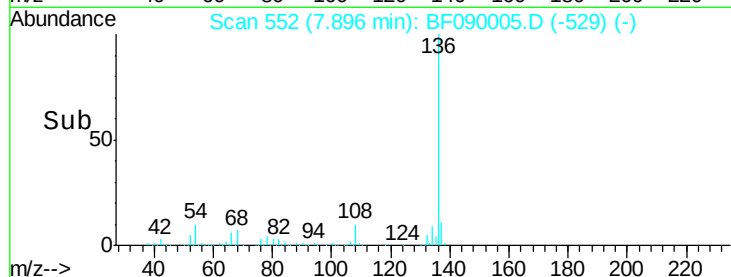


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.84 ng

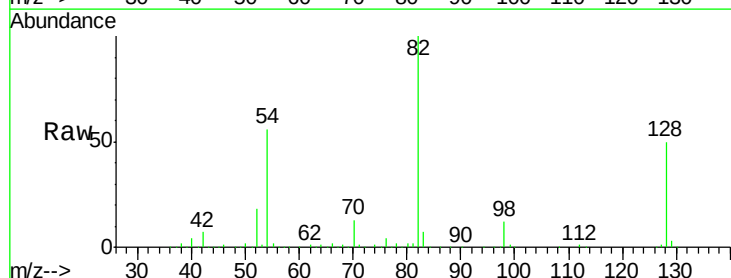
RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF090005.D

Acq: 7 Sep 2016 15:20

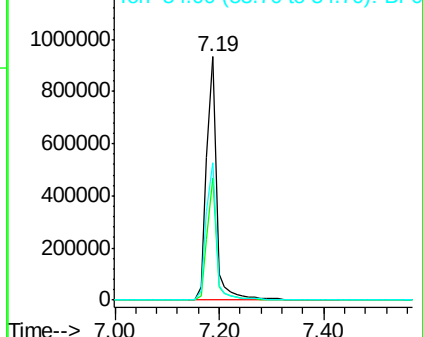
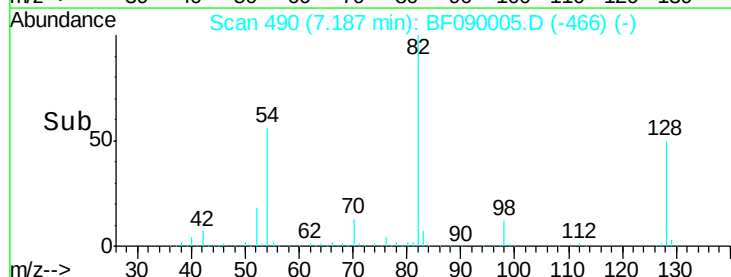
Tgt	Ion: 82	Resp: 1246860	
Ion	Ratio	Lower	Upper
82	100		
128	50.1	37.8	56.8
54	56.4	46.9	70.3

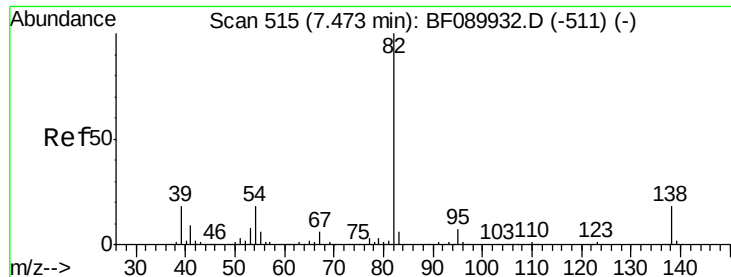


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.87 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.29 min

Lab File: BF090005.D

Acq: 7 Sep 2016 15:20

Instrument :

BNA_F

ClientSampleId :

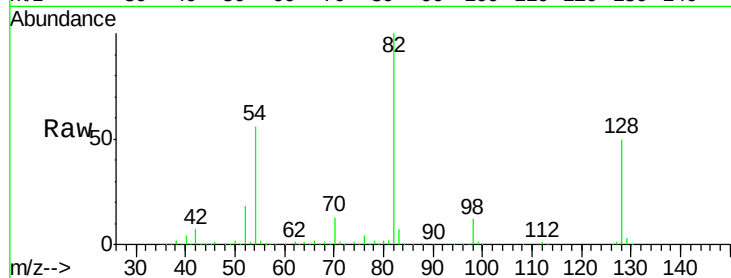
Tot Ion: 82 Resp: 1216637

Ion Ratio Lower Upper

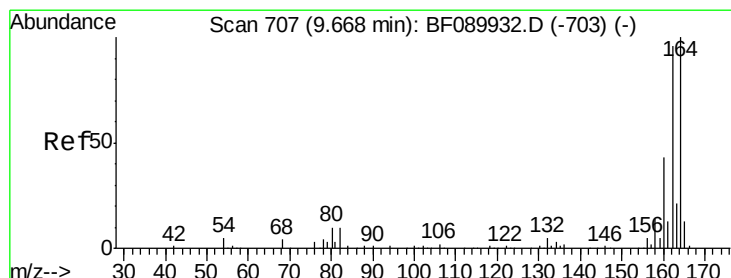
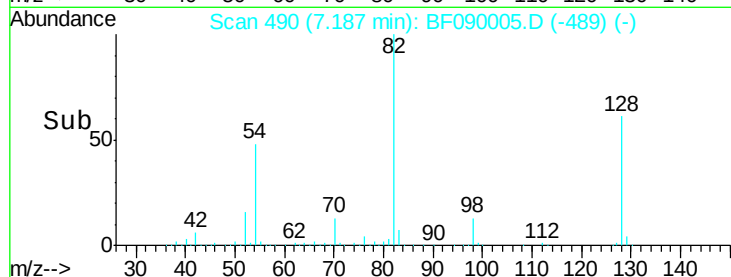
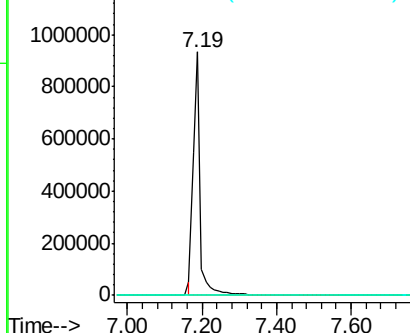
82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#



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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF090005.D

Acq: 7 Sep 2016 15:20

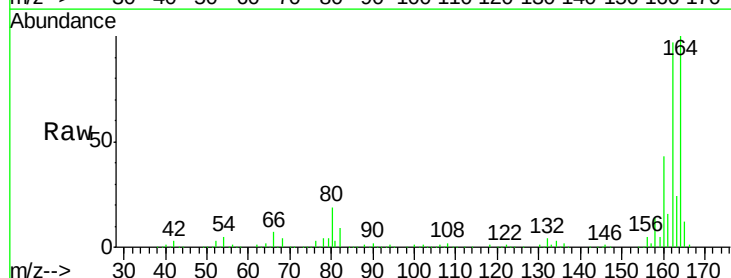
Tgt Ion: 164 Resp: 387081

Ion Ratio Lower Upper

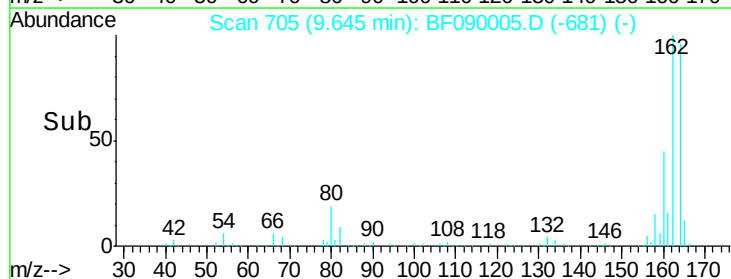
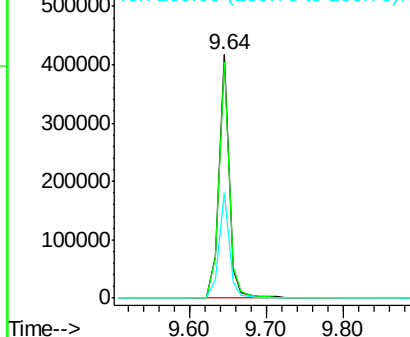
164 100

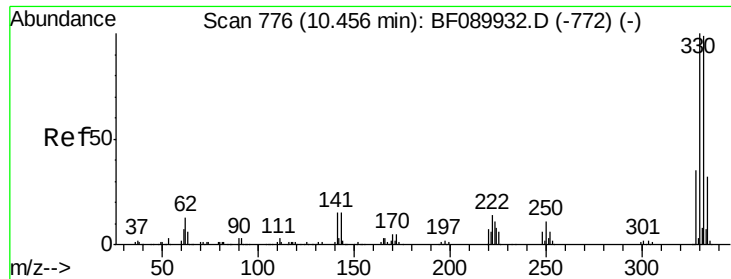
162 97.1 77.1 115.7

160 43.4 35.3 52.9



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

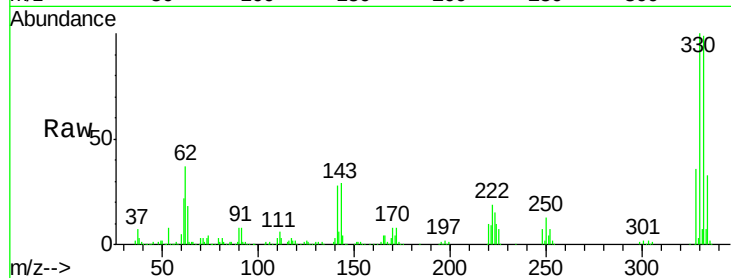




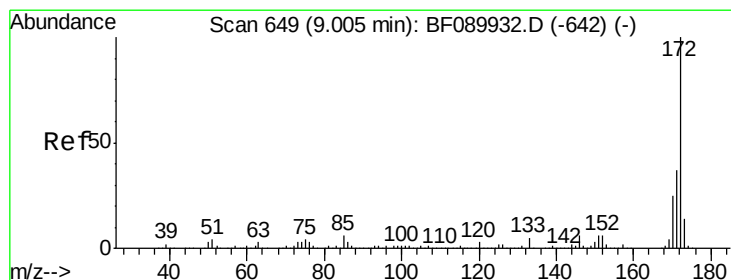
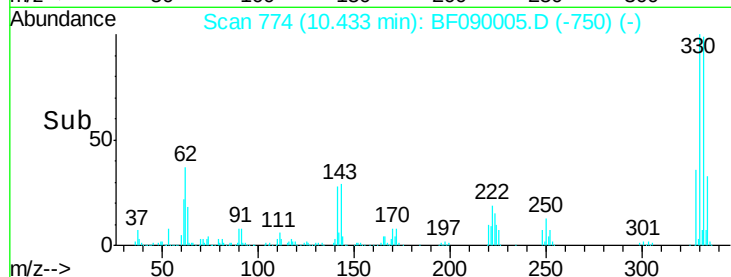
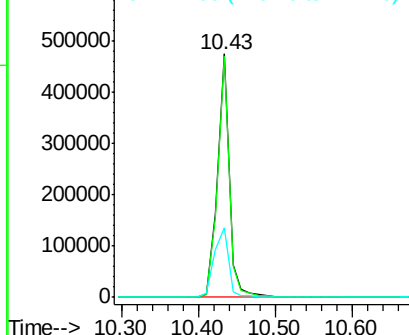
#41
 2,4,6-Tribromophenol
 Concen: 133.44 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090005.D
 Acq: 7 Sep 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 509575
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.6 117.8
 141 34.3 23.3 34.9

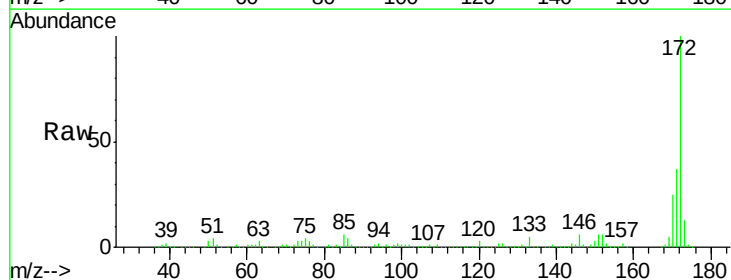


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

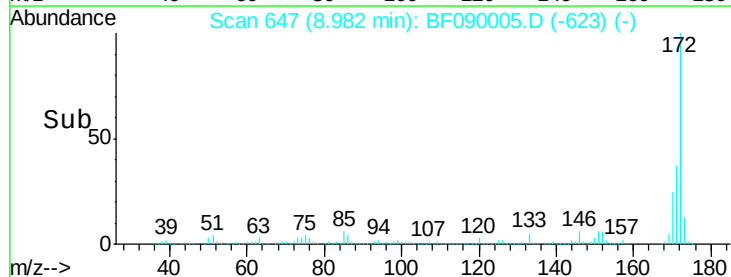
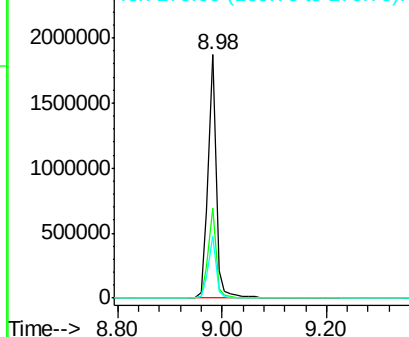


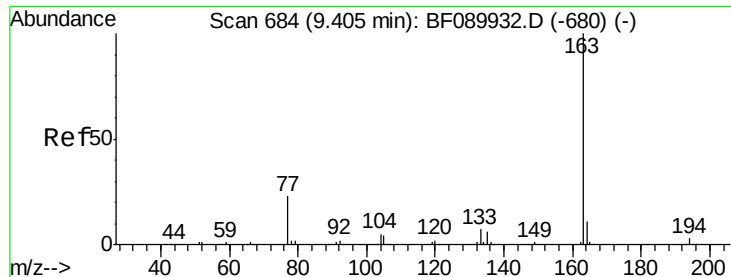
#44
 2-Fluorobiphenyl
 Concen: 85.79 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090005.D
 Acq: 7 Sep 2016 15:20

Tgt Ion:172 Resp: 2022994
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.2
 170 25.4 20.1 30.1



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: 21.79 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF090005.D

Acq: 7 Sep 2016 15:20

Instrument :

BNA_F

ClientSampleId :

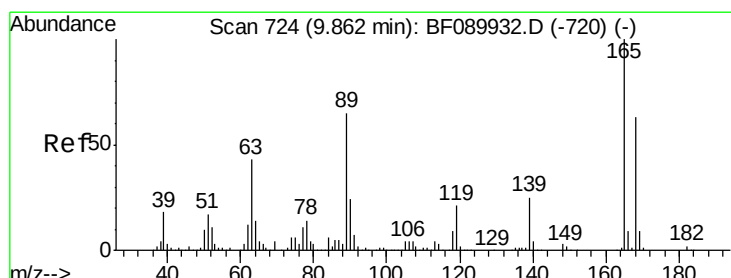
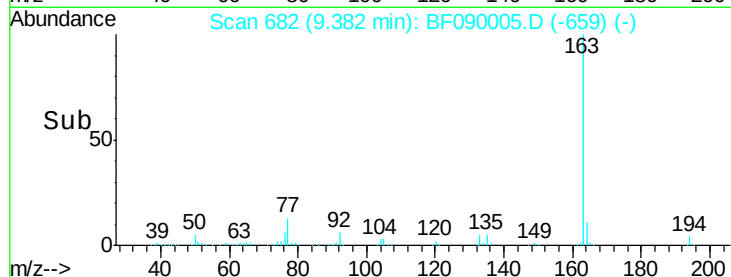
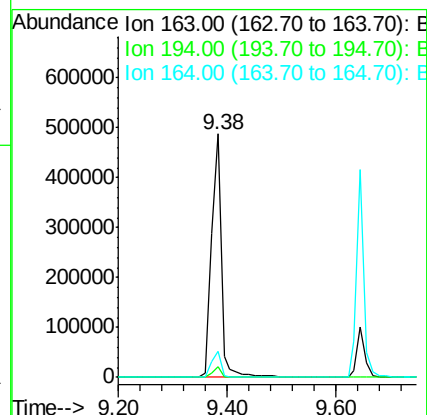
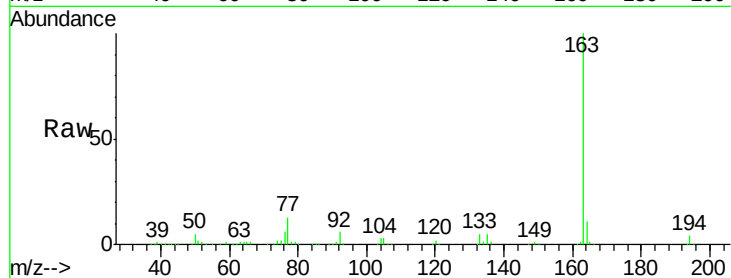
Tot Ion:163 Resp: 609497

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

164 10.5 9.0 13.4



#56

2,4-Dinitrotoluene

Concen: 6.02 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.22 min

Lab File: BF090005.D

Acq: 7 Sep 2016 15:20

Tgt Ion:165 Resp: 47492

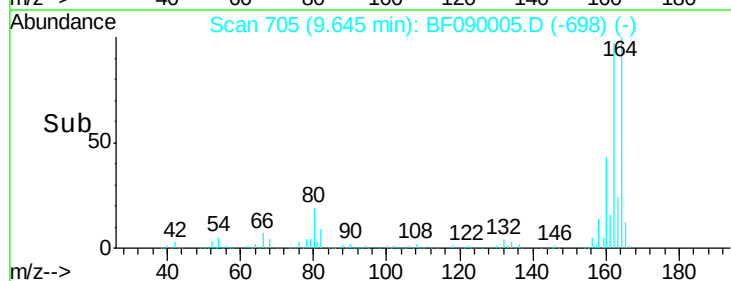
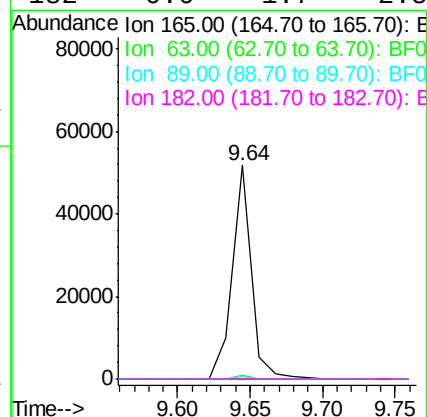
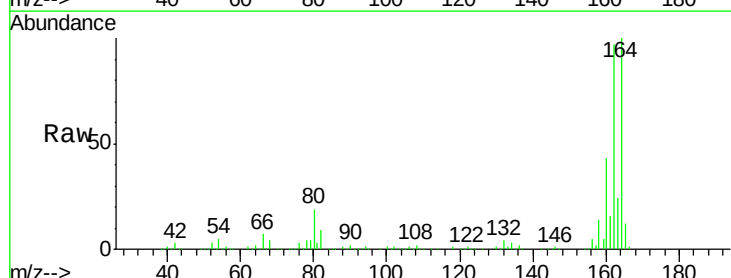
Ion Ratio Lower Upper

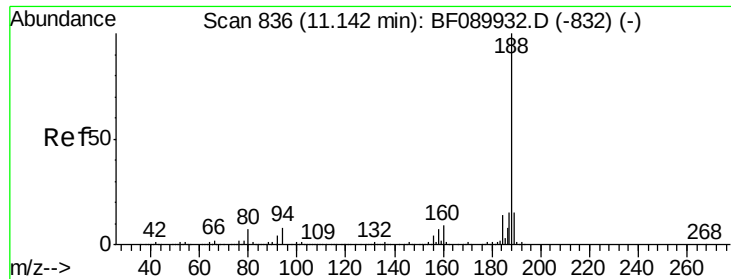
165 100

63 1.5 32.5 48.7#

89 1.2 48.3 72.5#

182 0.0 1.7 2.5#

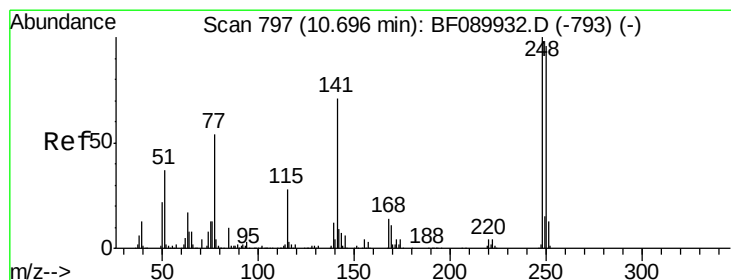
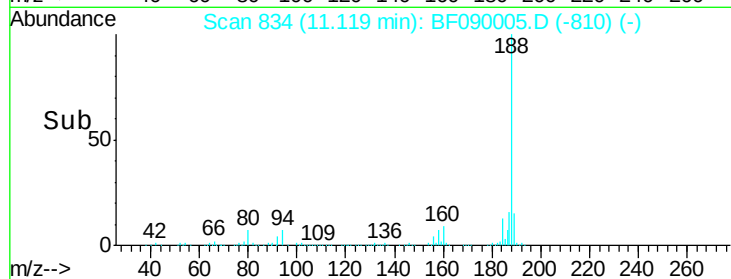
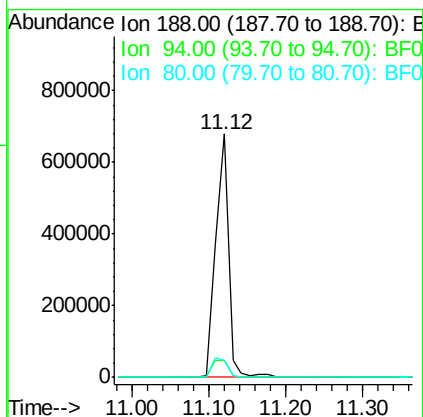
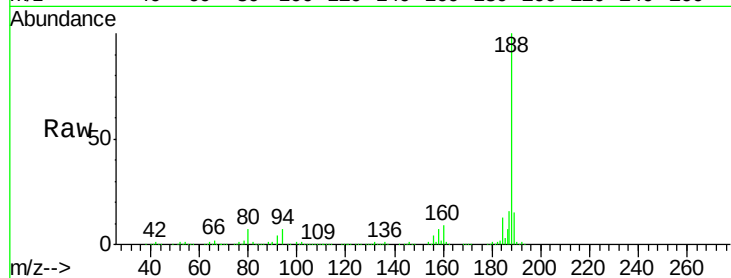




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090005.D
Acq: 7 Sep 2016 15:20

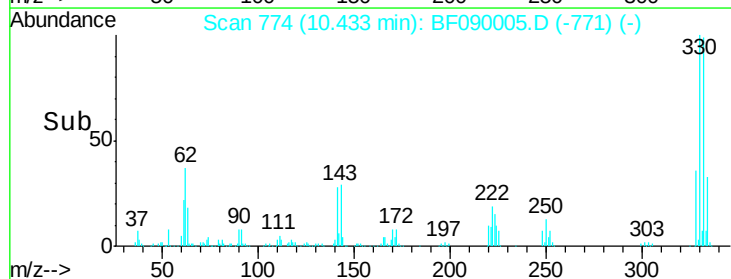
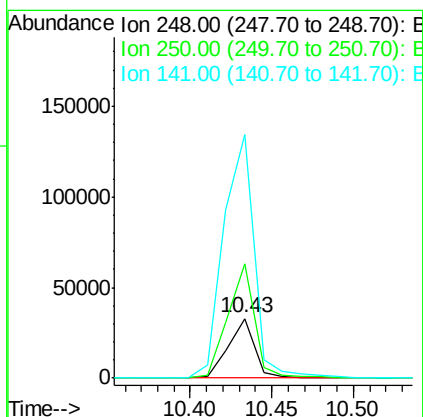
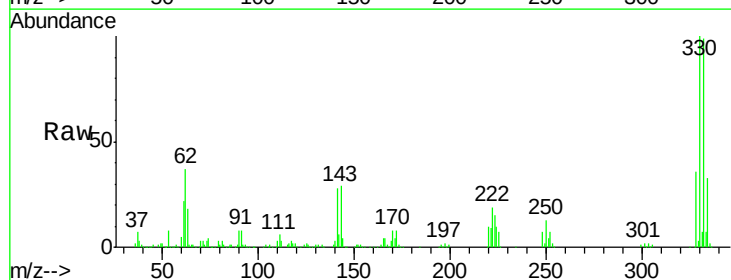
Instrument :
BNA_F
ClientSampled :

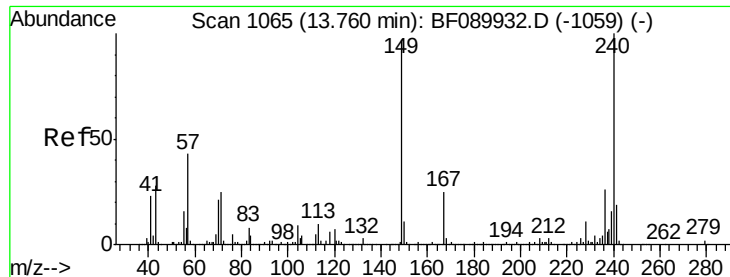
Tot Ion:188 Resp: 784758
Ion Ratio Lower Upper
188 100
94 6.8 5.9 8.9
80 6.9 5.8 8.8



#66
4-Bromophenyl-phenylether
Concen: 4.60 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF090005.D
Acq: 7 Sep 2016 15:20

Tgt Ion:248 Resp: 36320
Ion Ratio Lower Upper
248 100
250 193.3 77.3 115.9#
141 410.8 55.8 83.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF090005.D

Acq: 7 Sep 2016 15:20

Instrument :

BNA_F

ClientSampleId :

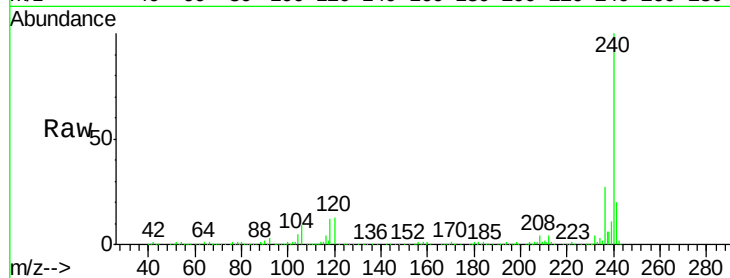
Tot Ion:240 Resp: 615864

Ion Ratio Lower Upper

240 100

120 13.2 5.7 8.5#

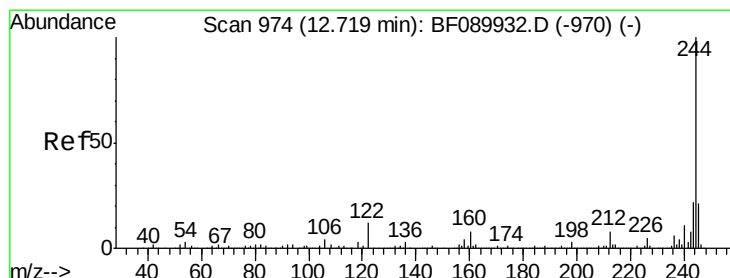
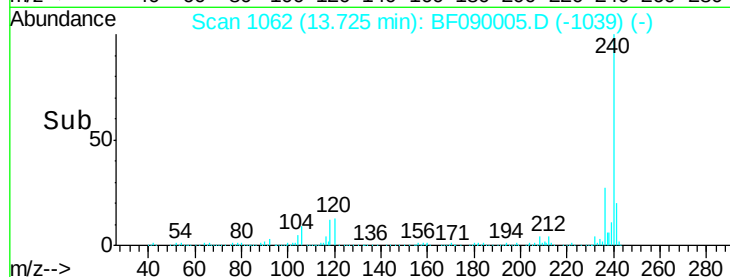
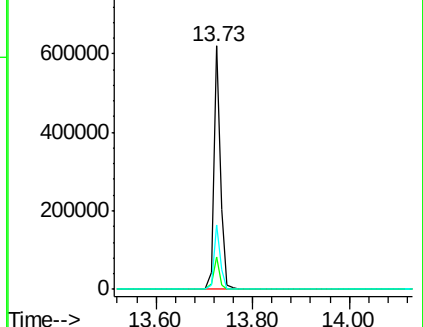
236 26.6 21.3 31.9



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: 86.47 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF090005.D

Acq: 7 Sep 2016 15:20

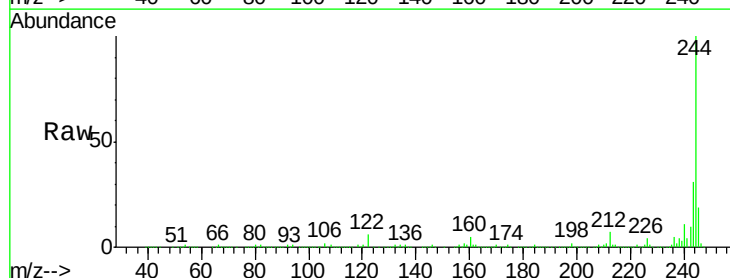
Tgt Ion:244 Resp: 2155814

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

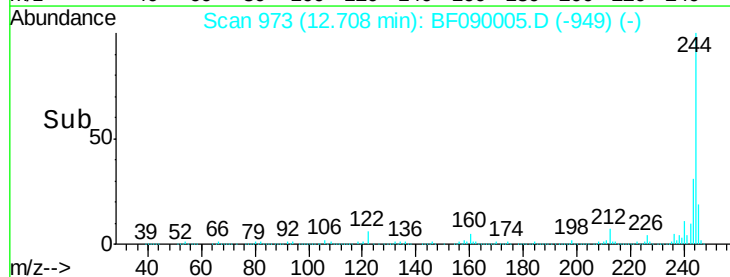
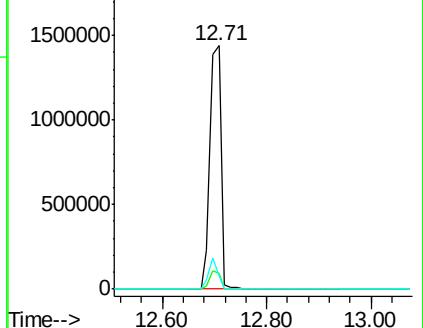
122 5.6 9.6 14.4#

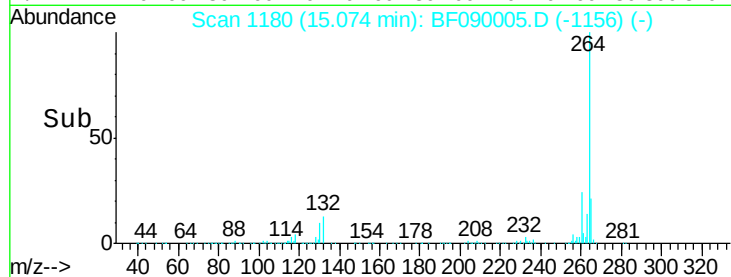
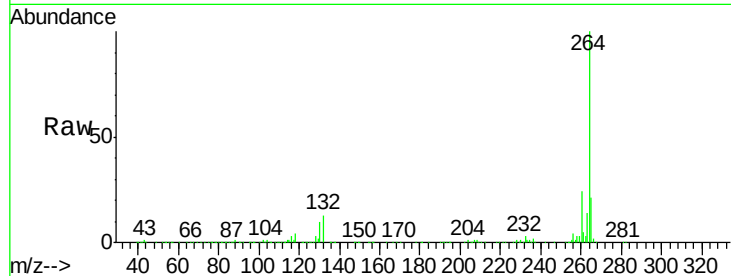
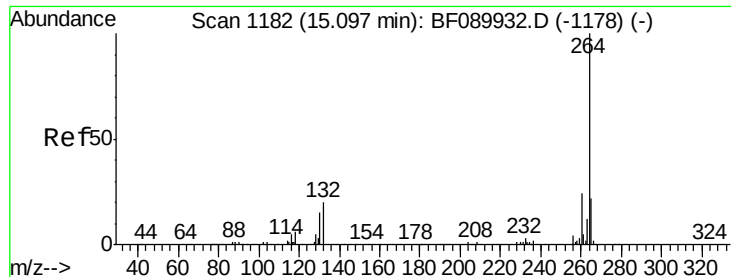


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF090005.D
 Acq: 7 Sep 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.4	17.4	26.2

