

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090216\
 Data File : BF089975.D
 Acq On : 2 Sep 2016 15:19
 Operator : UM/SJ
 Sample : H4670-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 16:34:16 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

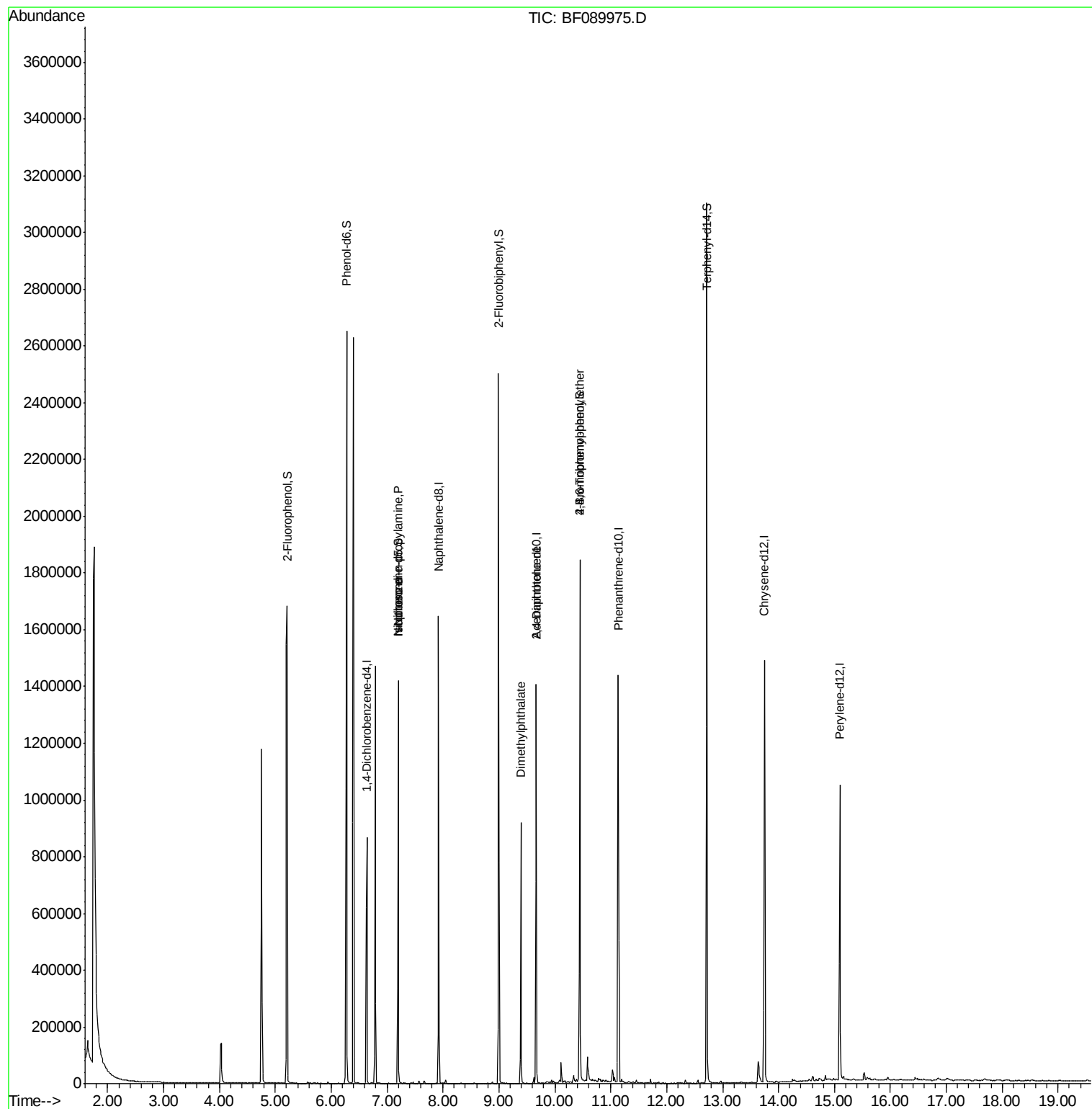
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	174901	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	683276	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	338652	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	579218	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	493473	20.00	ng	-0.01
86) Perylene-d12	15.10	264	430548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	700323	64.09	ng	0.00
7) Phenol-d6	6.27	99	899595	67.75	ng	-0.01
23) Nitrobenzene-d5	7.20	82	413712	35.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	204431	61.19	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	847709	41.09	ng	-0.01
78) Terphenyl-d14	12.72	244	1076249	53.88	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	53124	6.14	ng	# 81
25) Isophorone	7.20	82	338073	14.11	ng	# 65
49) Dimethylphthalate	9.39	163	343306	14.03	ng	99
56) 2,4-Dinitrotoluene	9.67	165	42263	6.12	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	14130	2.42	ng	# 1

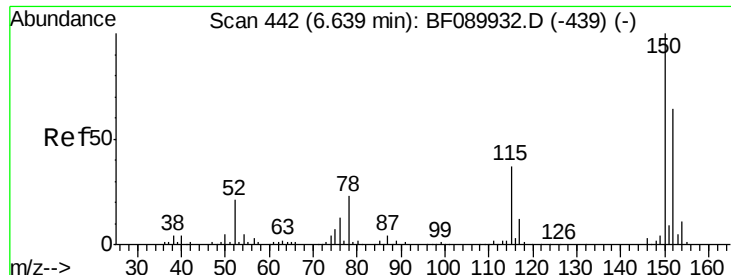
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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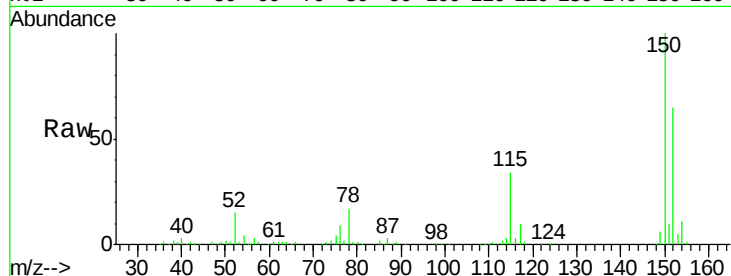




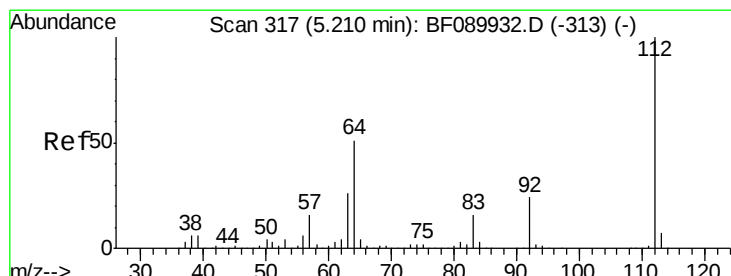
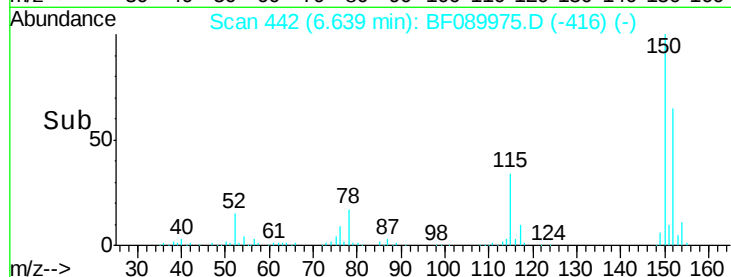
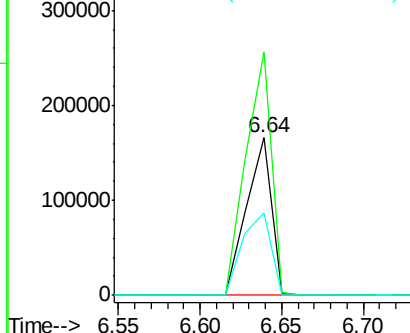
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF089975.D
 Acq: 2 Sep 2016 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 174901
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.4 191.2
 115 51.9 46.3 69.5

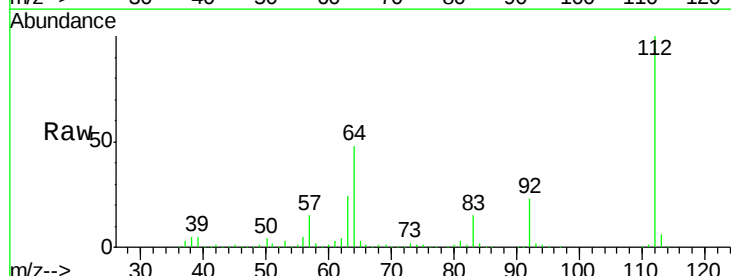


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

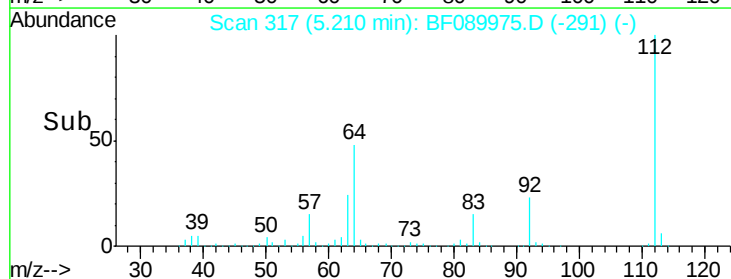
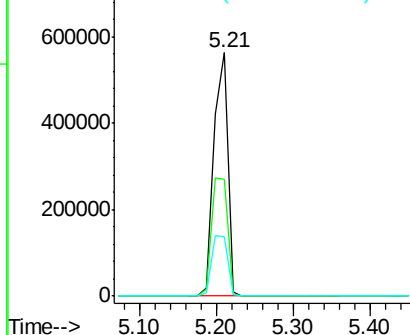


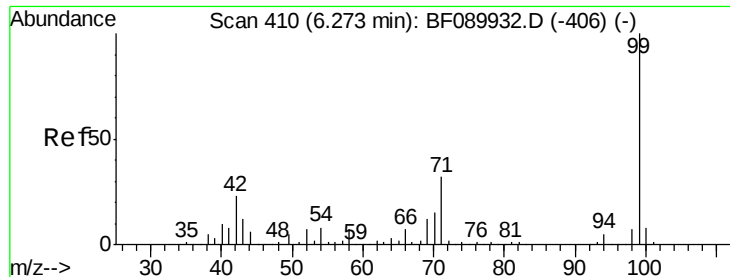
#5
 2-Fluorophenol
 Concen: 64.09 ng
 RT: 5.21 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: BF089975.D
 Acq: 2 Sep 2016 15:19

Tgt Ion:112 Resp: 700323
 Ion Ratio Lower Upper
 112 100
 64 48.0 41.1 61.7
 63 24.5 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: 67.75 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089975.D

Acq: 2 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

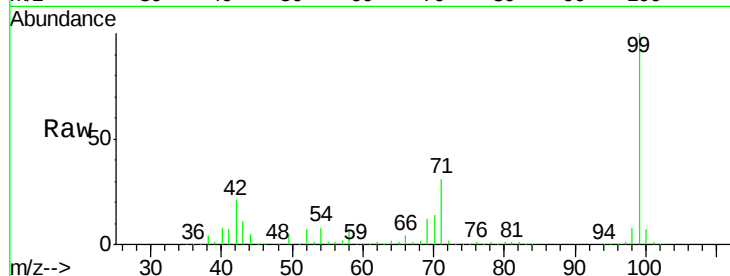
Tot Ion: 99 Resp: 899595

Ion Ratio Lower Upper

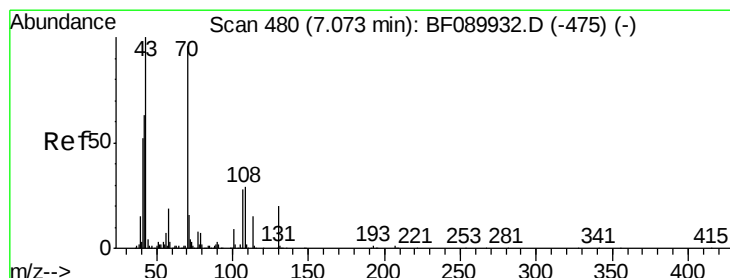
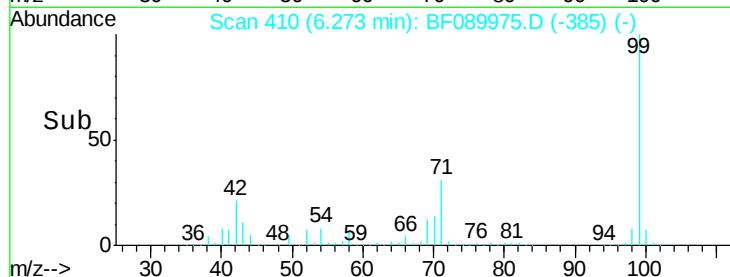
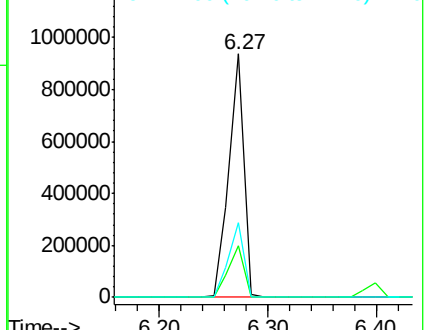
99 100

42 21.2 18.6 27.8

71 30.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 6.14 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.13 min

Lab File: BF089975.D

Acq: 2 Sep 2016 15:19

Tgt Ion: 70 Resp: 53124

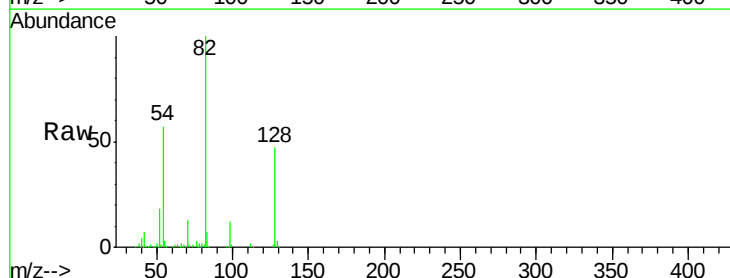
Ion Ratio Lower Upper

70 100

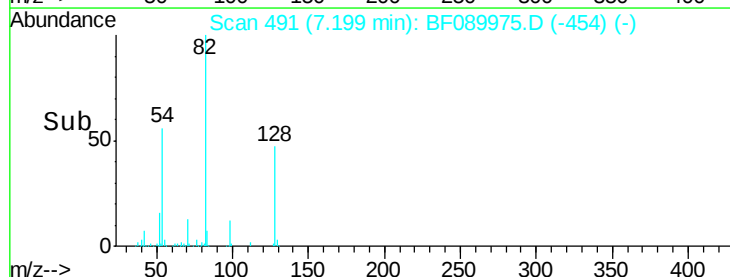
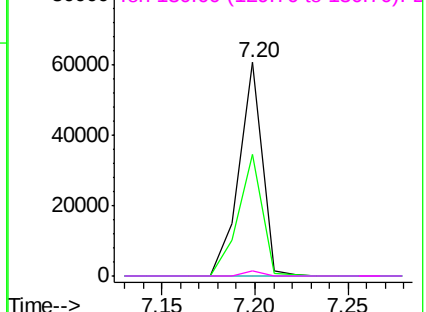
42 56.9 52.1 78.1

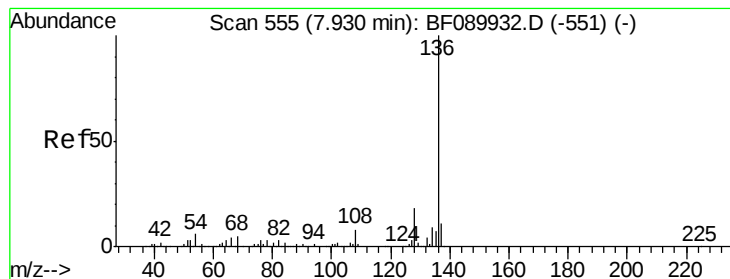
101 0.0 7.4 11.2#

130 2.2 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: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089975.D

Acq: 2 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 683276

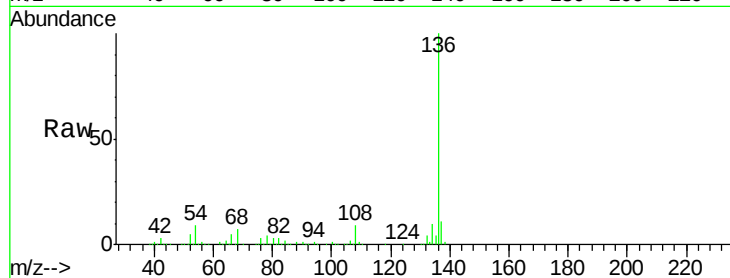
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 9.4 4.8 7.2#

68 6.5 3.7 5.5#

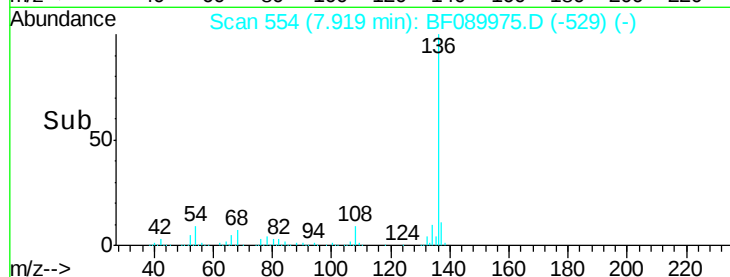


Abundance Ion 136.00 (135.70 to 136.70): E

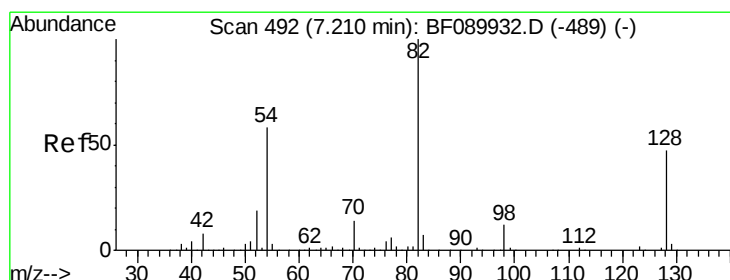
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.80 7.90 8.00 8.10



#23

Nitrobenzene-d5

Concen: 35.12 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089975.D

Acq: 2 Sep 2016 15:19

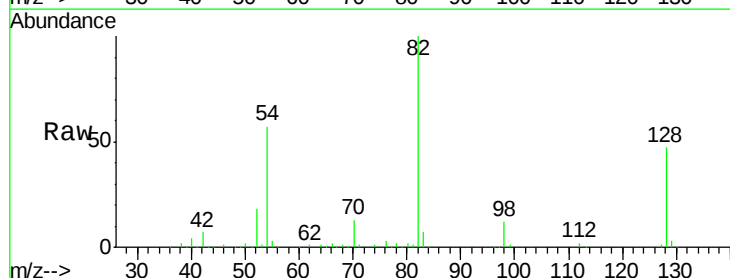
Tgt Ion: 82 Resp: 413712

Ion Ratio Lower Upper

82 100

128 47.0 37.8 56.8

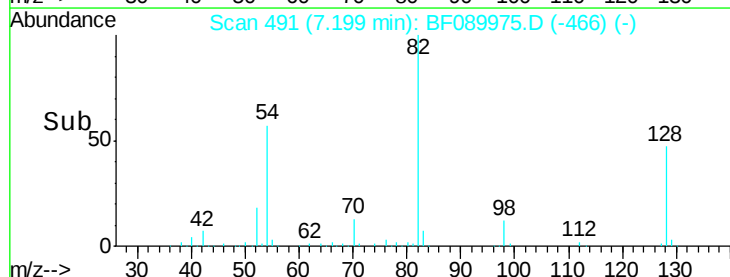
54 56.9 46.9 70.3



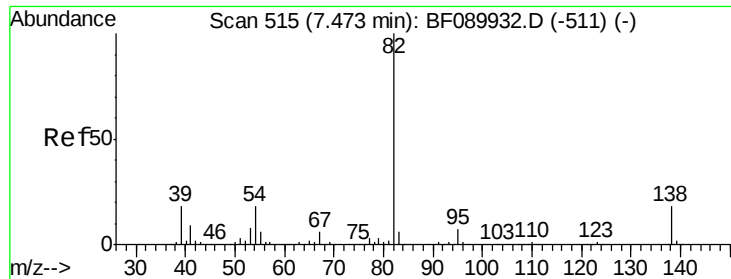
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.10 7.15 7.20 7.25 7.30



#25

Isophorone

Concen: 14.11 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.27 min

Lab File: BF089975.D

Acq: 2 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

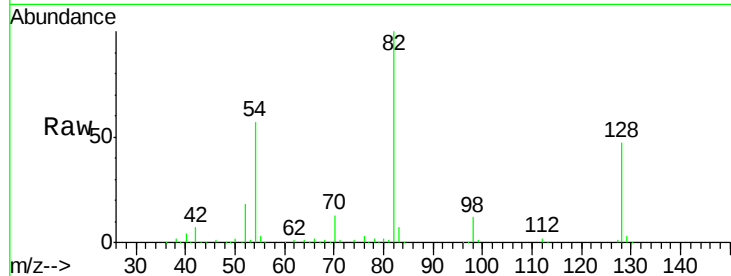
Tot Ion: 82 Resp: 338073

Ion Ratio Lower Upper

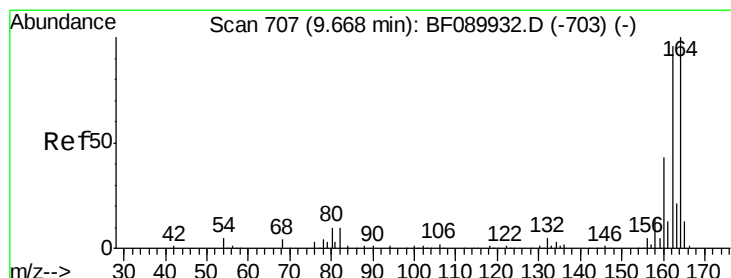
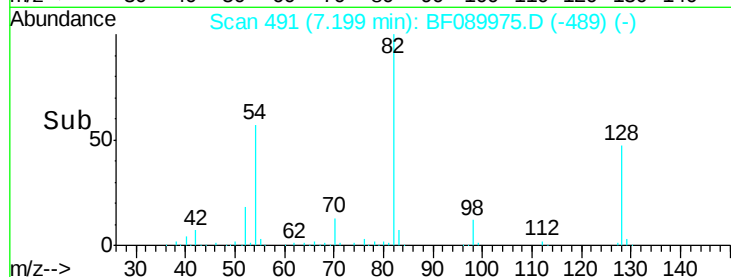
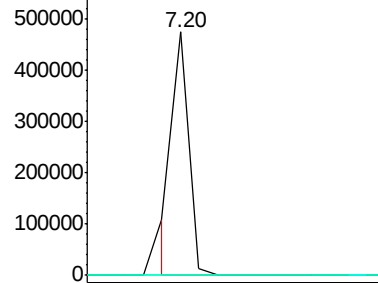
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089975.D

Acq: 2 Sep 2016 15:19

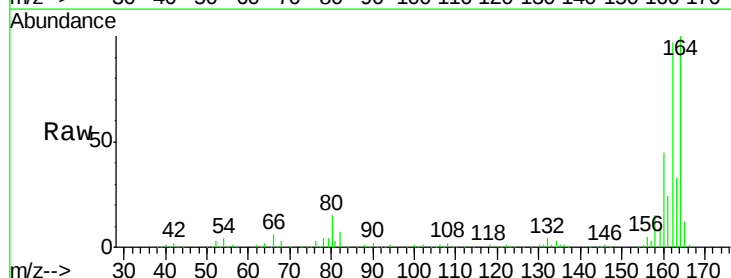
Tgt Ion:164 Resp: 338652

Ion Ratio Lower Upper

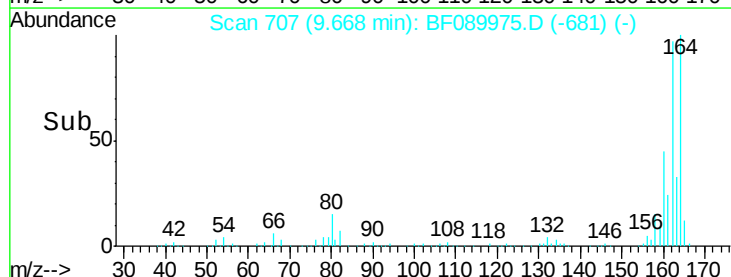
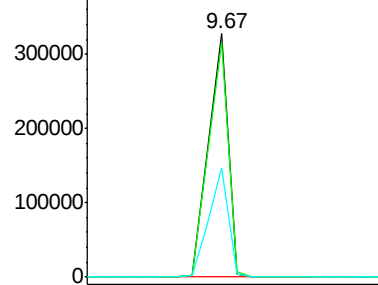
164 100

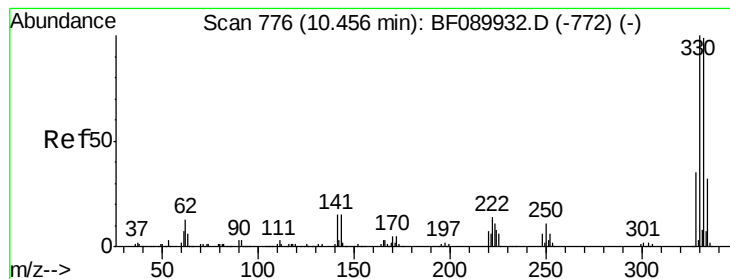
162 96.6 77.1 115.7

160 45.0 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

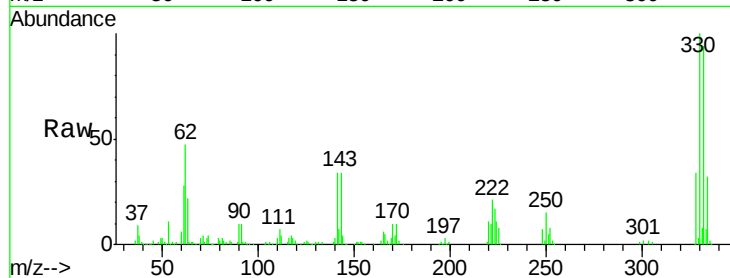




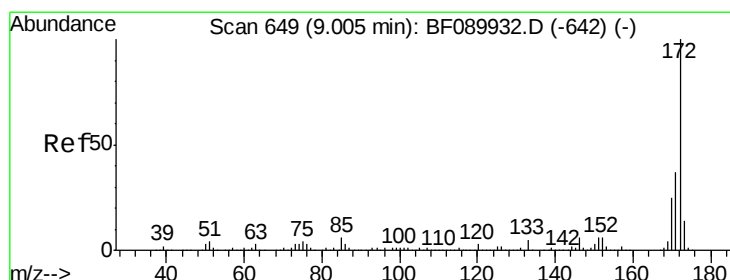
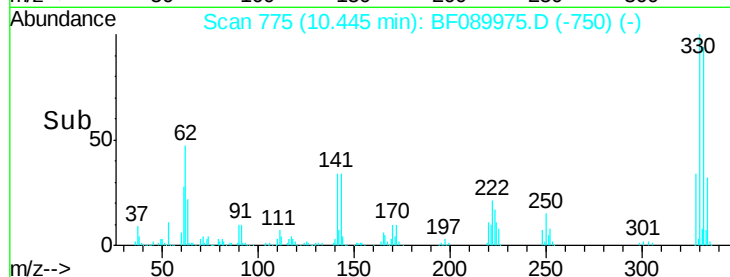
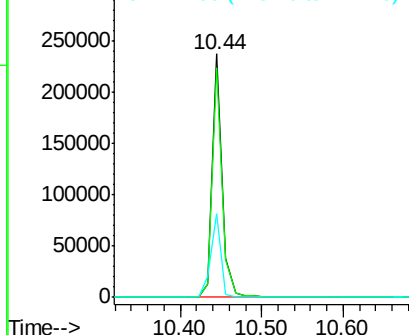
#41
 2,4,6-Tribromophenol
 Concen: 61.19 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089975.D
 Acq: 2 Sep 2016 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 204431
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.6 117.8
 141 35.6 23.3 34.9#

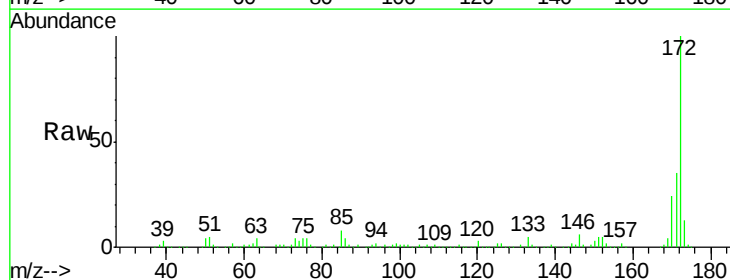


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

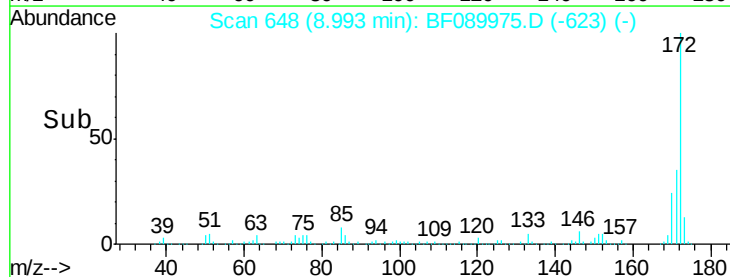
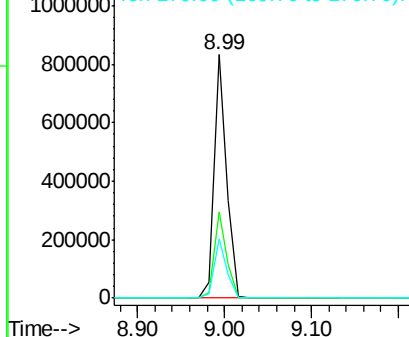


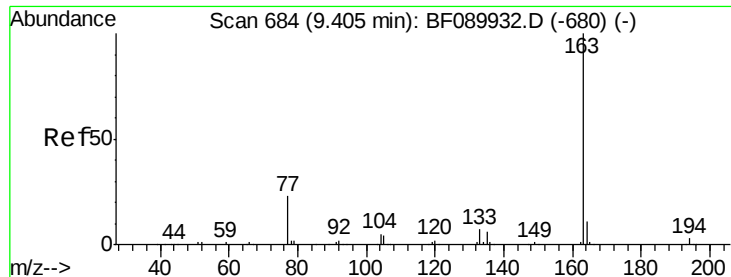
#44
 2-Fluorobiphenyl
 Concen: 41.09 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF089975.D
 Acq: 2 Sep 2016 15:19

Tgt Ion:172 Resp: 847709
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.4 44.2
 170 24.3 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

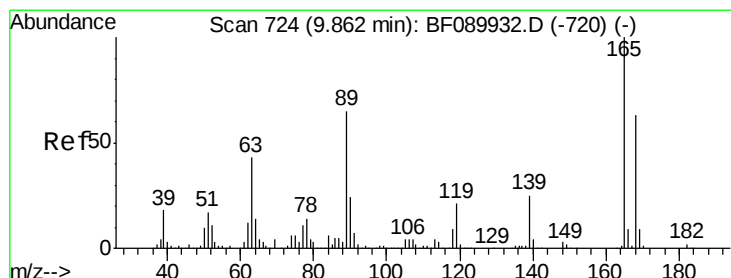
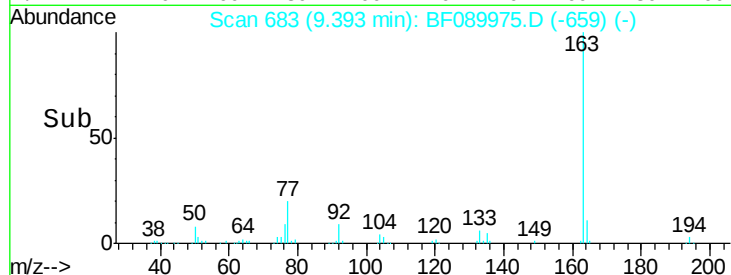
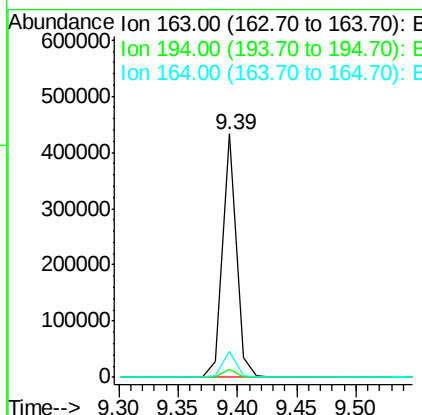
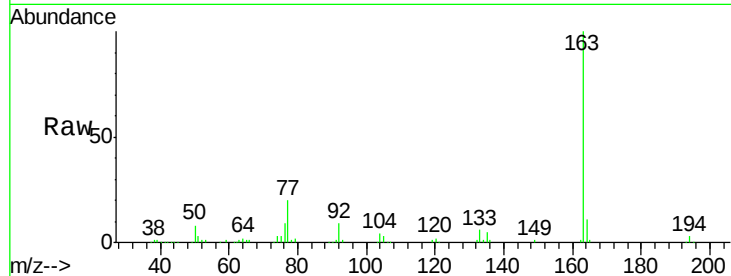




#49
Dimethylphthalate
Concen: 14.03 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089975.D
Acq: 2 Sep 2016 15:19

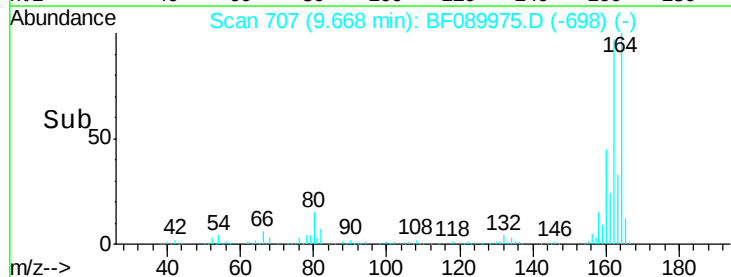
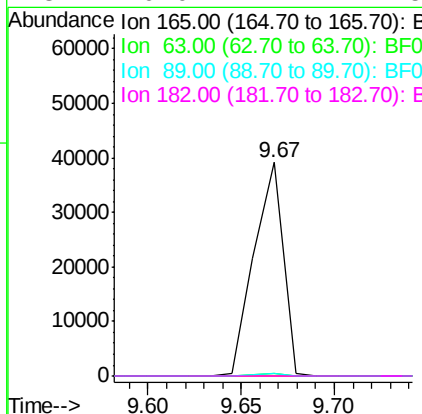
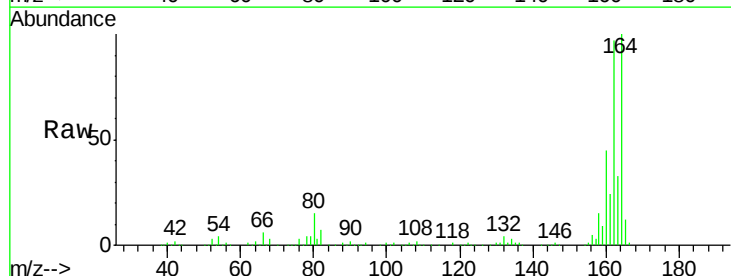
Instrument :
BNA_F
ClientSampleId :

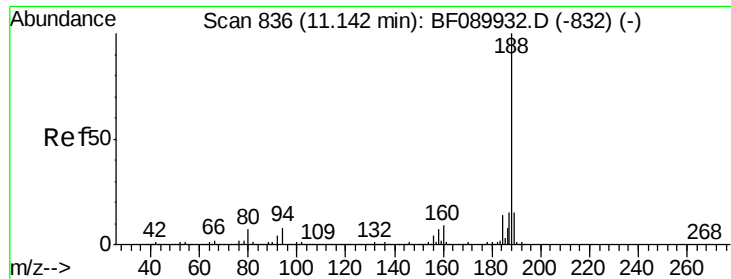
Tot Ion:163 Resp: 343306
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 9.0 13.4



#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF089975.D
Acq: 2 Sep 2016 15:19

Tgt Ion:165 Resp: 42263
Ion Ratio Lower Upper
165 100
63 1.1 32.5 48.7#
89 1.2 48.3 72.5#
182 0.0 1.7 2.5#

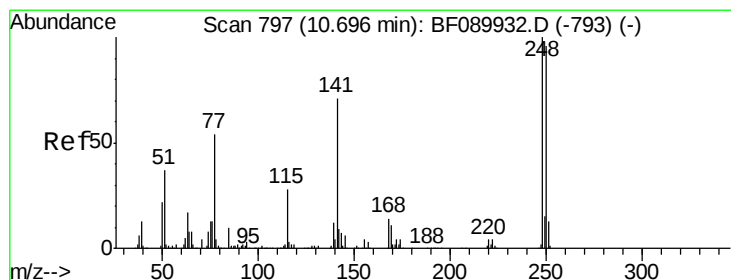
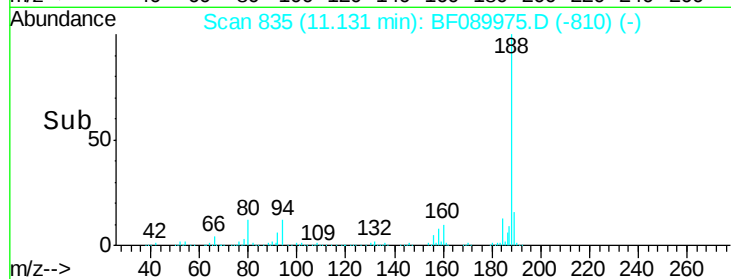
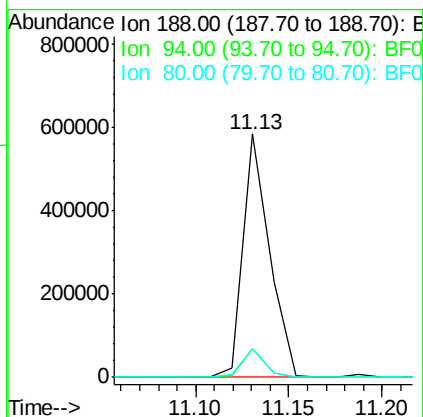
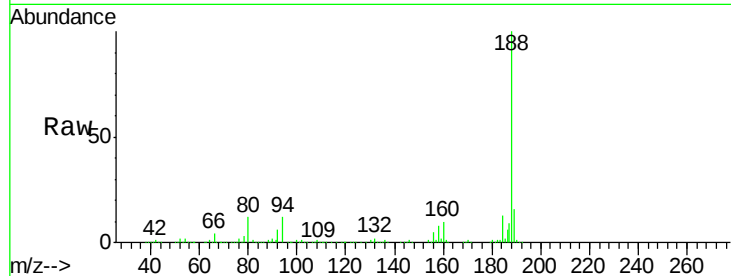




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089975.D
Acq: 2 Sep 2016 15:19

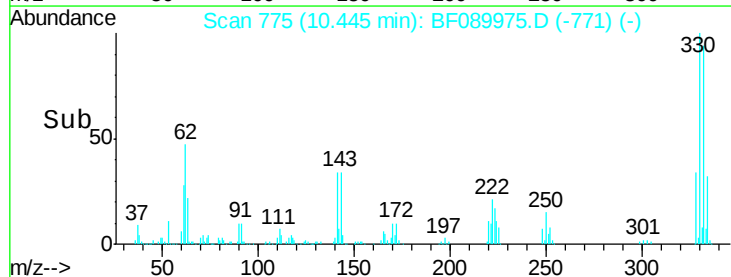
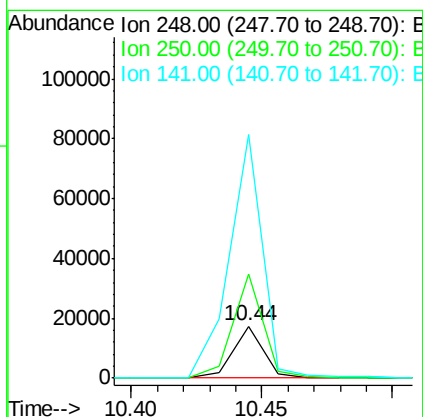
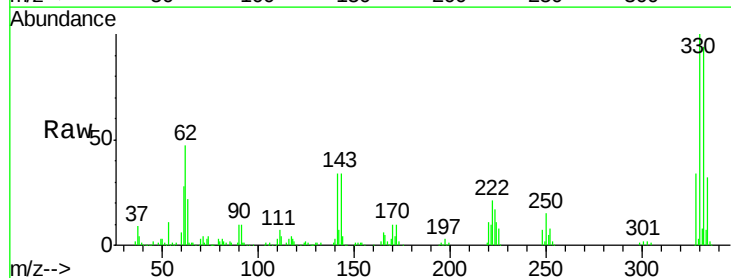
Instrument :
BNA_F
ClientSampleId :

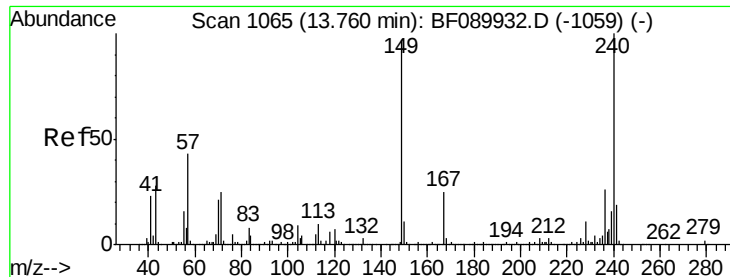
Tot Ion:188 Resp: 579218
Ion Ratio Lower Upper
188 100
94 11.5 5.9 8.9#
80 12.0 5.8 8.8#



#66
4-Bromophenyl-phenylether
Concen: 2.42 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.25 min
Lab File: BF089975.D
Acq: 2 Sep 2016 15:19

Tgt Ion:248 Resp: 14130
Ion Ratio Lower Upper
248 100
250 200.9 77.3 115.9#
141 469.5 55.8 83.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089975.D

Acq: 2 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

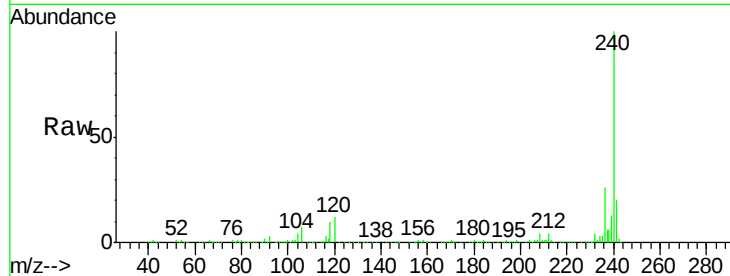
Tot Ion:240 Resp: 493473

Ion Ratio Lower Upper

240 100

120 12.1 5.7 8.5#

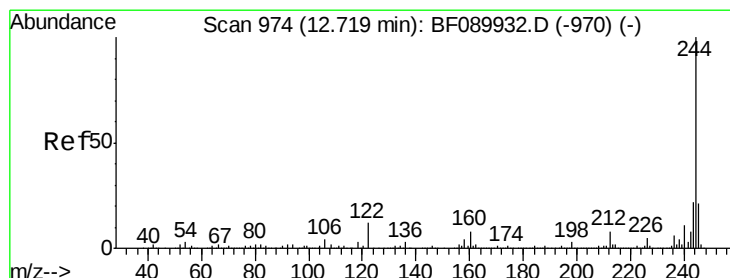
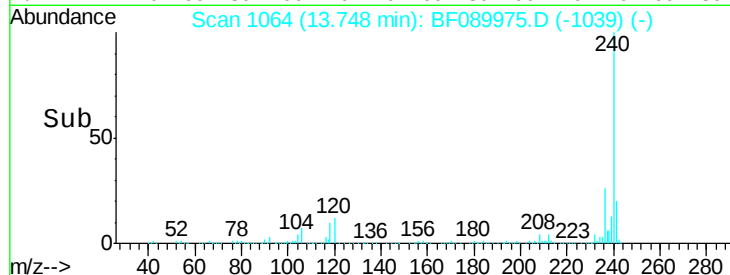
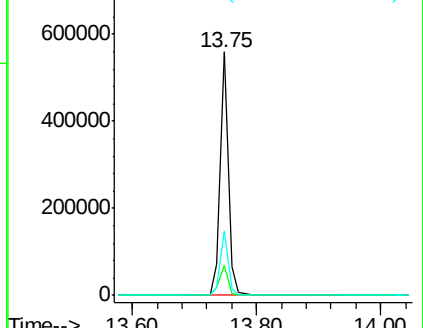
236 26.3 21.3 31.9



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: 53.88 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF089975.D

Acq: 2 Sep 2016 15:19

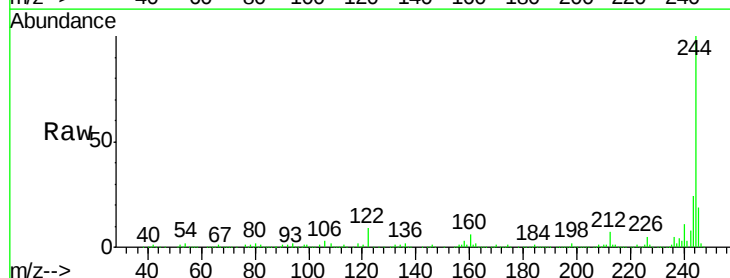
Tgt Ion:244 Resp: 1076249

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

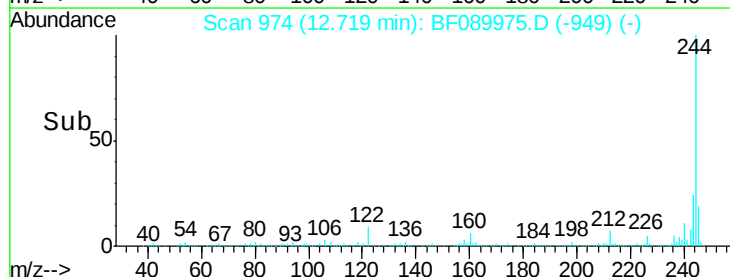
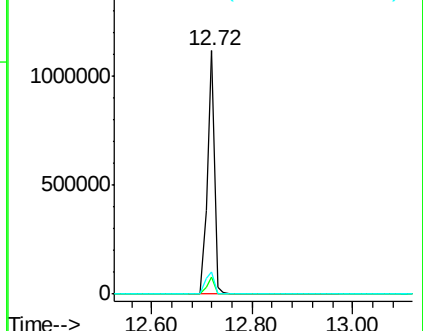
122 9.3 9.6 14.4#

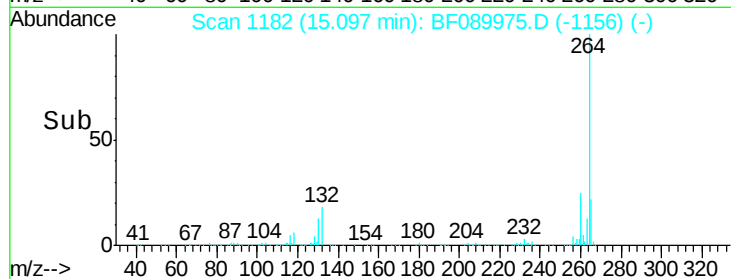
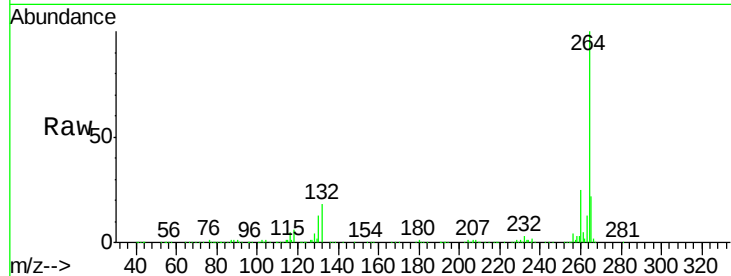
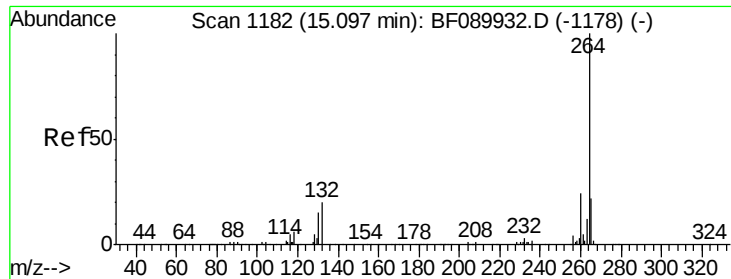


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089975.D
 Acq: 2 Sep 2016 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	21.7	17.4	26.2

