

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090116\
 Data File : BF089967.D
 Acq On : 1 Sep 2016 13:07
 Operator : UM/SJ
 Sample : H4635-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 13:55:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

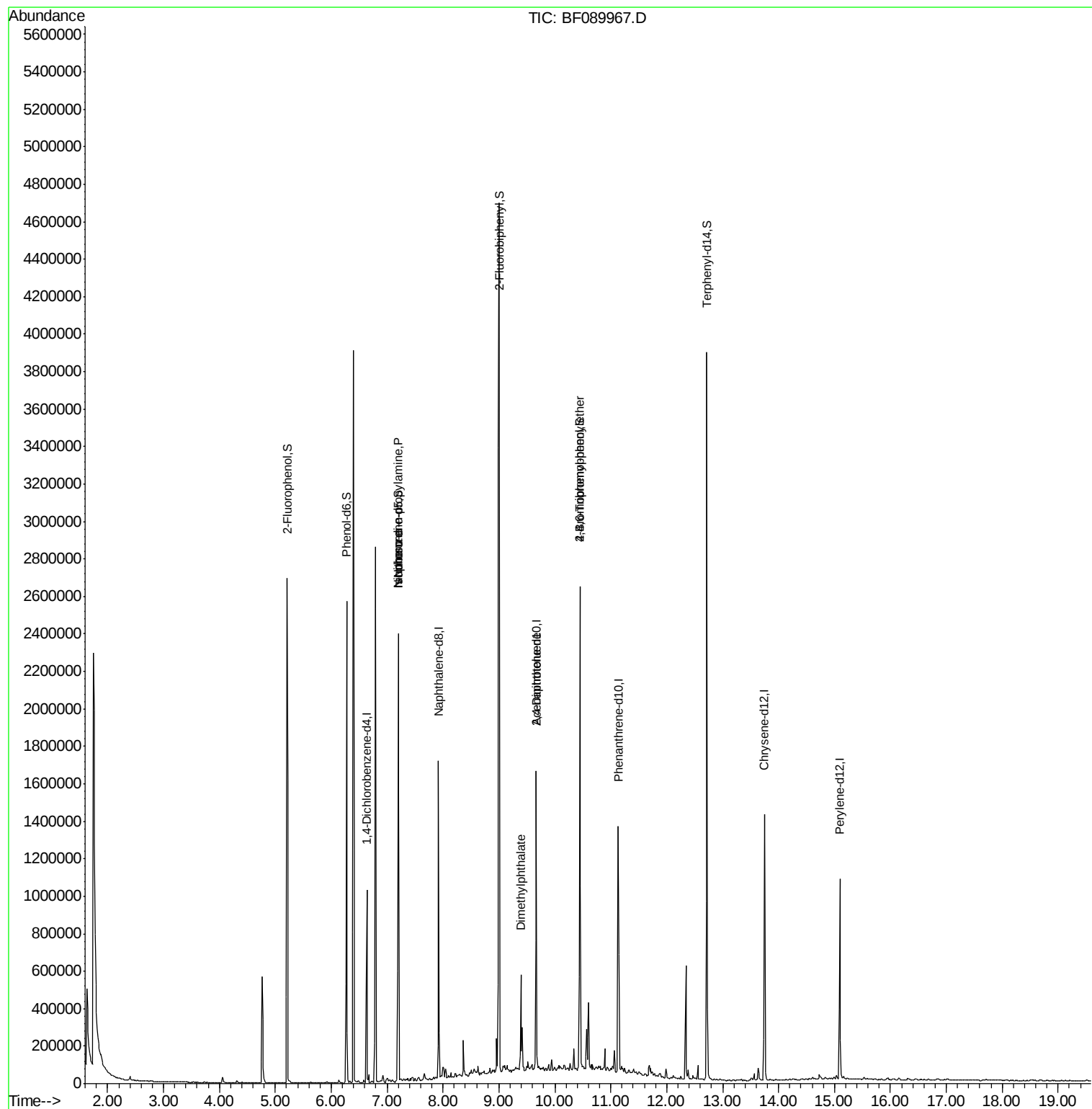
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	185761	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	703801	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	358952	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	568500	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	458300	20.00	ng	-0.01
86) Perylene-d12	15.10	264	435832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	991077	85.40	ng	0.00
7) Phenol-d6	6.27	99	815765	57.85	ng	0.00
23) Nitrobenzene-d5	7.20	82	1028523	84.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	380326	107.40	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2021311	92.44	ng	0.00
78) Terphenyl-d14	12.72	244	1224622	66.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	137020	14.91	ng	# 84
25) Isophorone	7.20	82	893496	36.21	ng	# 65
49) Dimethylphthalate	9.39	163	188205	7.25	ng	98
56) 2,4-Dinitrotoluene	9.67	165	47629	6.51	ng	# 30
66) 4-Bromophenyl-phenylether	10.44	248	24034	4.20	ng	# 1

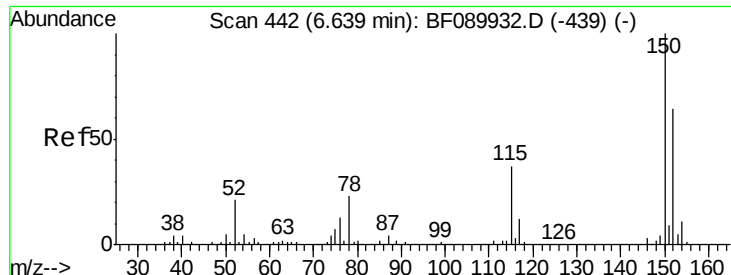
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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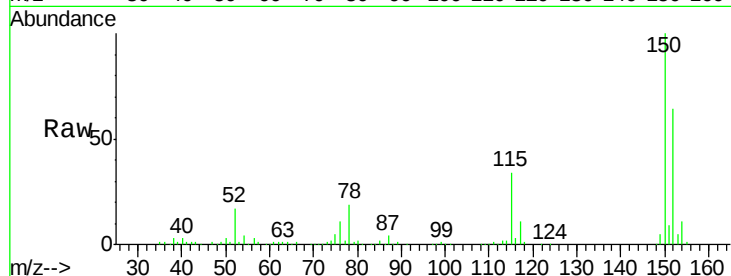


#1

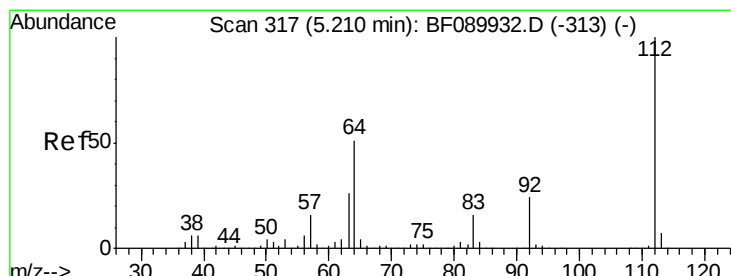
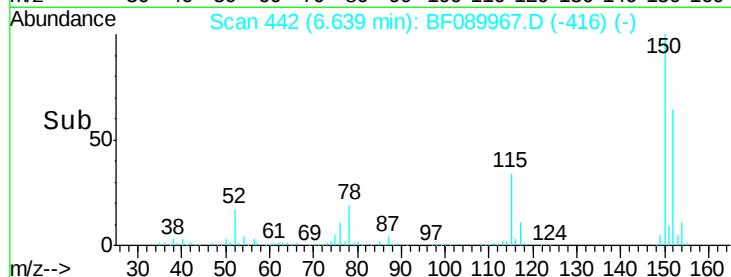
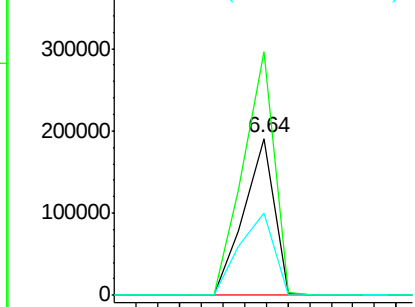
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF089967.D
 Acq: 1 Sep 2016 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.4	191.2
115	52.9	46.3	69.5



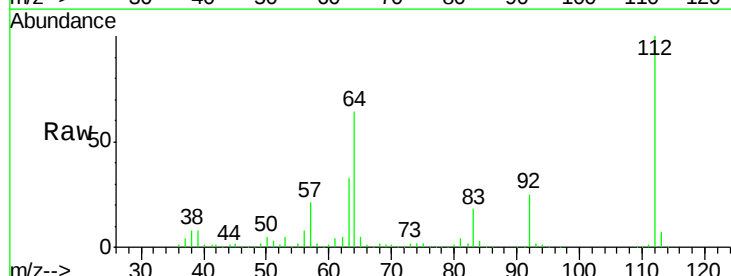
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



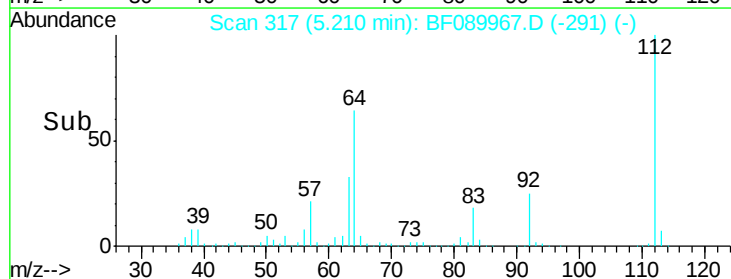
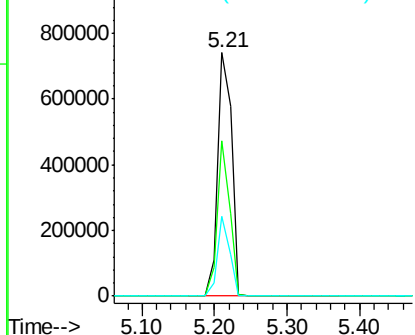
#5

2-Fluorophenol
 Concen: 85.40 ng
 RT: 5.21 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: BF089967.D
 Acq: 1 Sep 2016 13:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	41.1	61.7#
63	32.7	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: 57.85 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089967.D

Acq: 1 Sep 2016 13:07

Instrument :

BNA_F

ClientSampled :

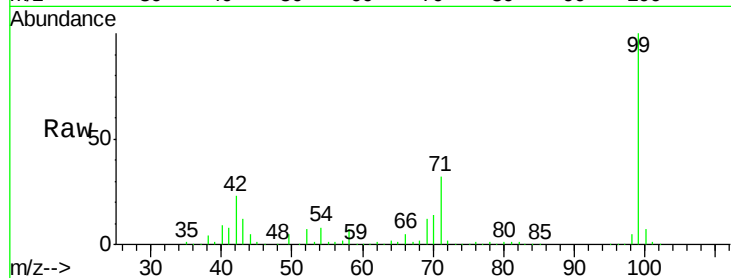
Tot Ion: 99 Resp: 815765

Ion Ratio Lower Upper

99 100

42 22.9 18.6 27.8

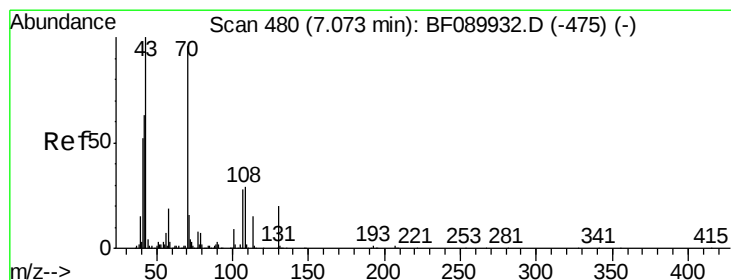
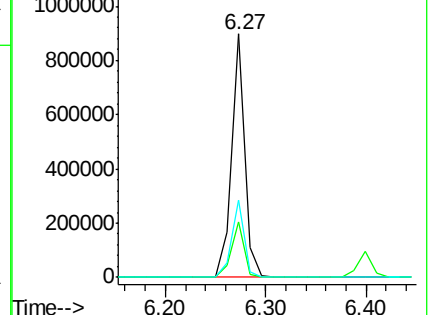
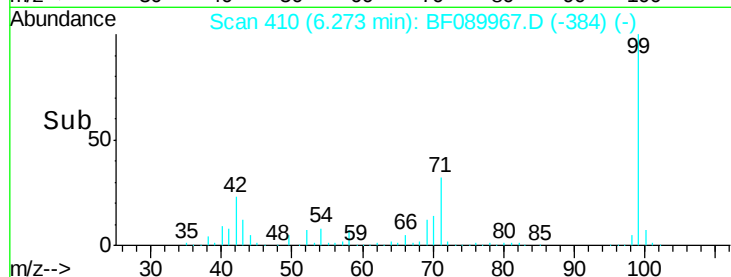
71 31.6 25.8 38.6



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: 14.91 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.13 min

Lab File: BF089967.D

Acq: 1 Sep 2016 13:07

Tgt Ion: 70 Resp: 137020

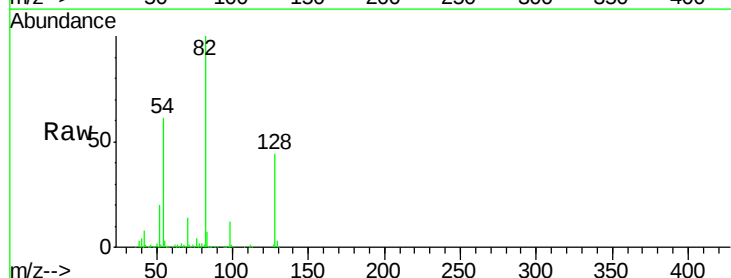
Ion Ratio Lower Upper

70 100

42 60.3 52.1 78.1

101 0.0 7.4 11.2#

130 2.1 17.0 25.4#

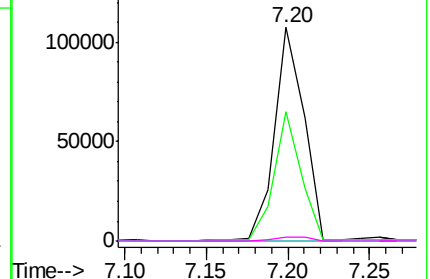
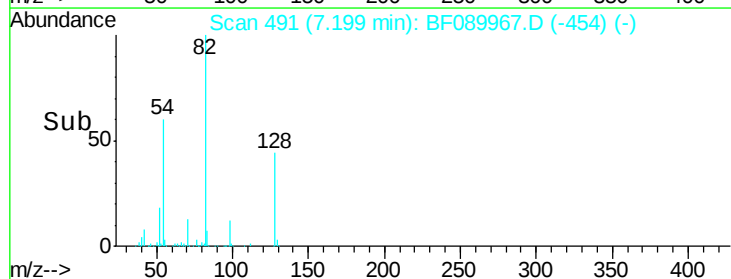


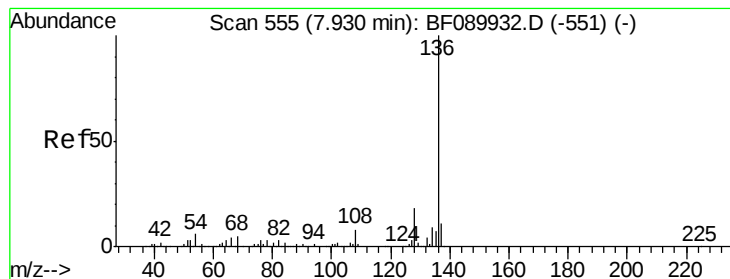
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089967.D

Acq: 1 Sep 2016 13:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 703801

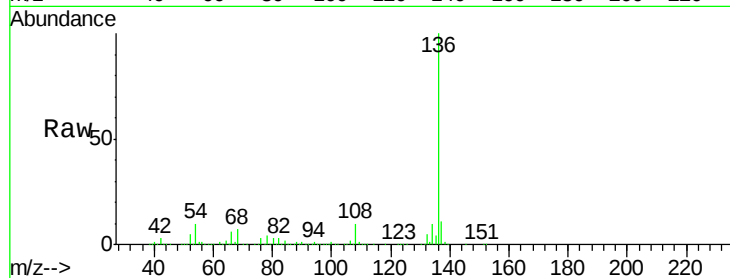
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 10.1 4.8 7.2#

68 7.0 3.7 5.5#

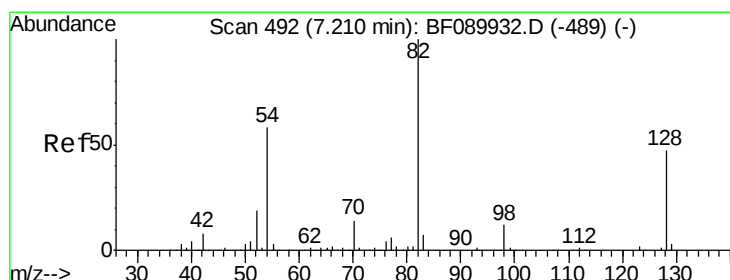
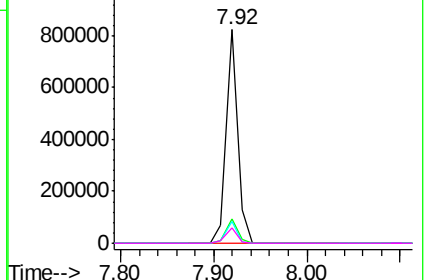
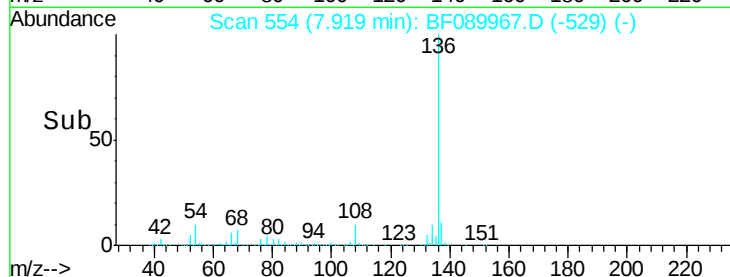


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.75 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089967.D

Acq: 1 Sep 2016 13:07

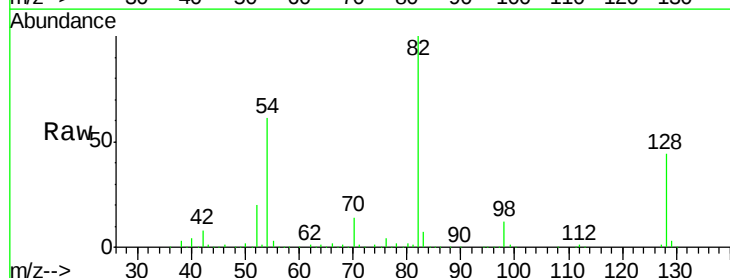
Tgt Ion: 82 Resp: 1028523

Ion Ratio Lower Upper

82 100

128 44.0 37.8 56.8

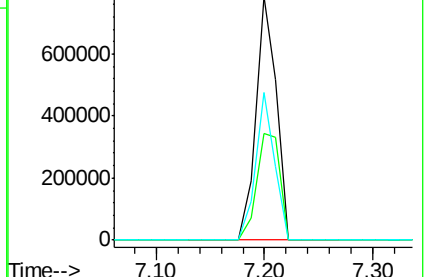
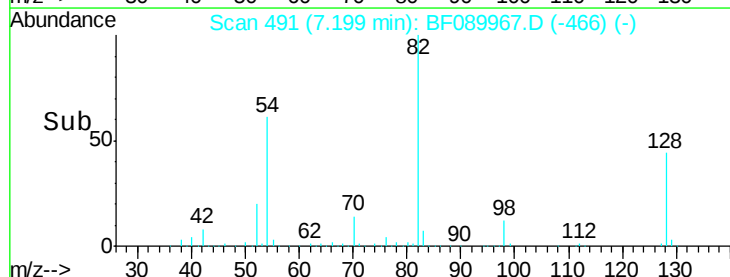
54 60.6 46.9 70.3

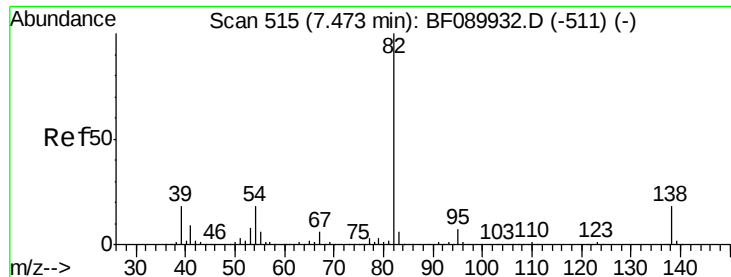


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

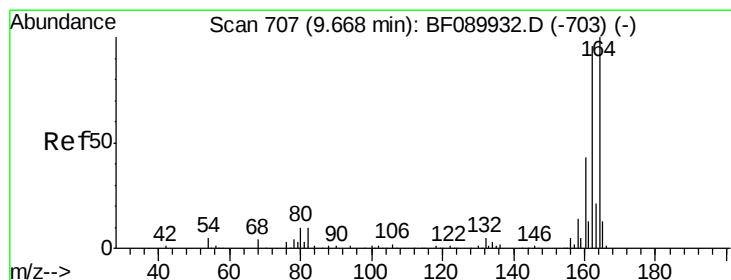
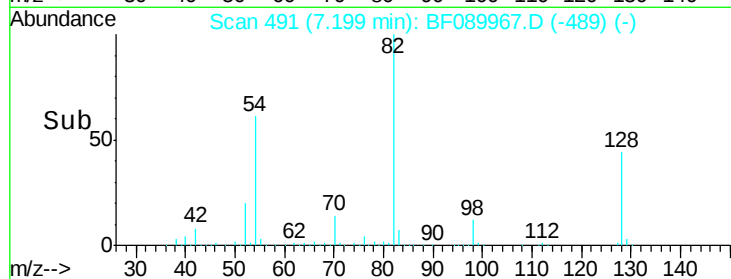
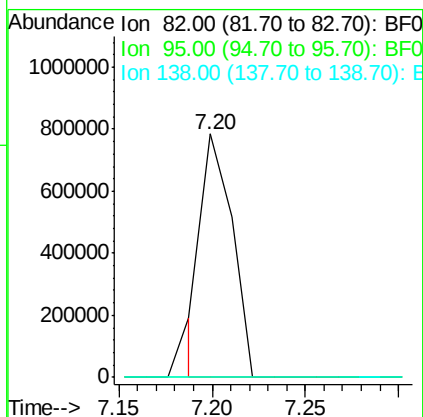
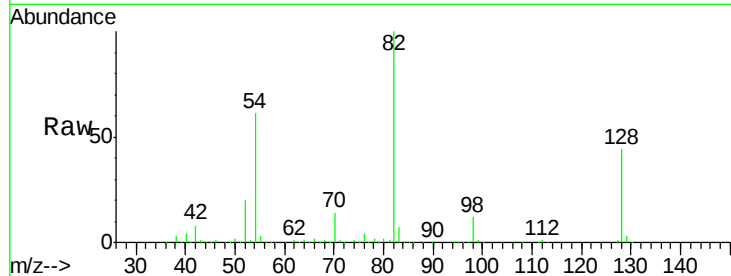




#25
Isophorone
Concen: 36.21 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.27 min
Lab File: BF089967.D
Acq: 1 Sep 2016 13:07

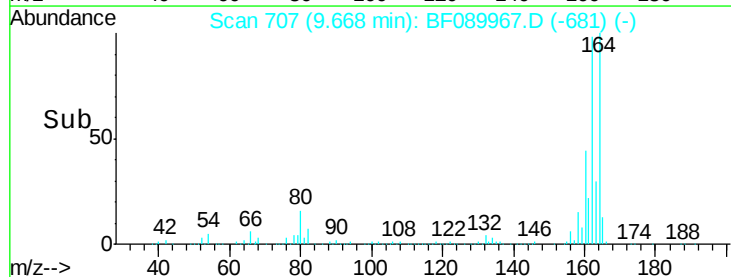
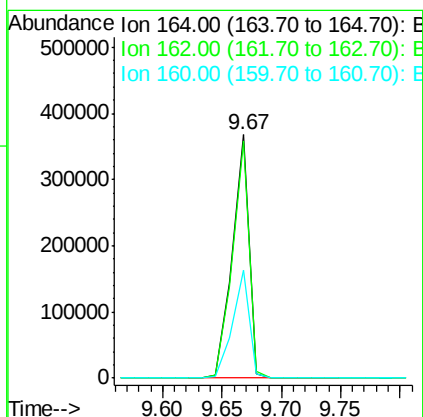
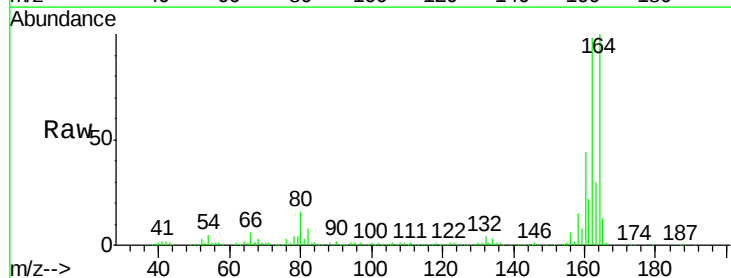
Instrument :
BNA_F
ClientSampled :

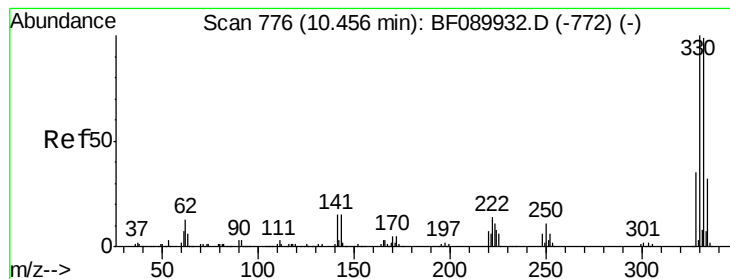
Tot Ion: 82 Resp: 893496
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 14.4 21.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089967.D
Acq: 1 Sep 2016 13:07

Tgt Ion: 164 Resp: 358952
Ion Ratio Lower Upper
164 100
162 97.7 77.1 115.7
160 44.5 35.3 52.9





#41

2,4,6-Tribromophenol

Concen: 107.40 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF089967.D

Acq: 1 Sep 2016 13:07

Instrument :

BNA_F

ClientSampleId :

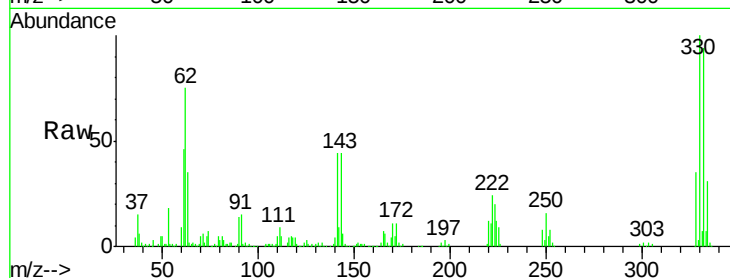
Tot Ion:330 Resp: 380326

Ion Ratio Lower Upper

330 100

332 95.5 78.6 117.8

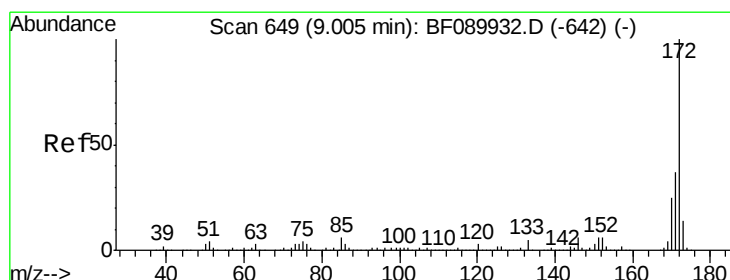
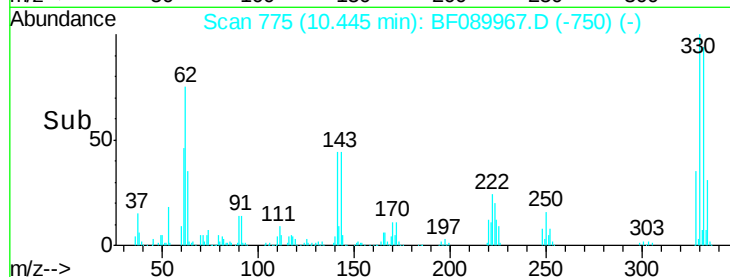
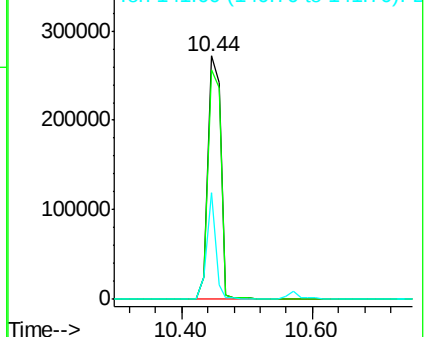
141 29.5 23.3 34.9



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: 92.44 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF089967.D

Acq: 1 Sep 2016 13:07

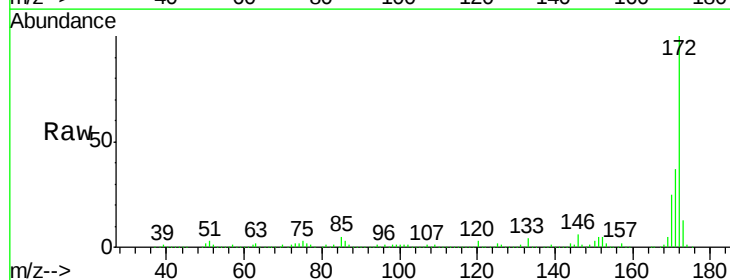
Tgt Ion:172 Resp: 2021311

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.2

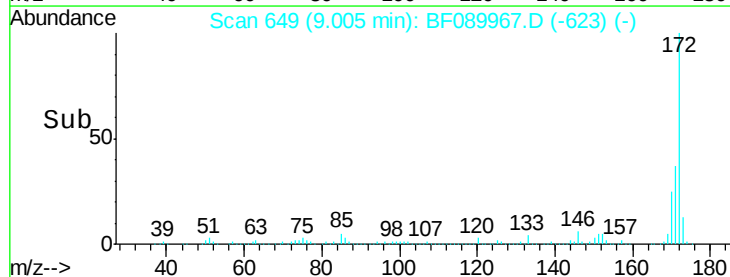
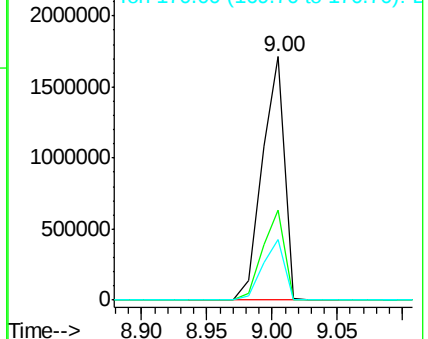
170 25.0 20.1 30.1

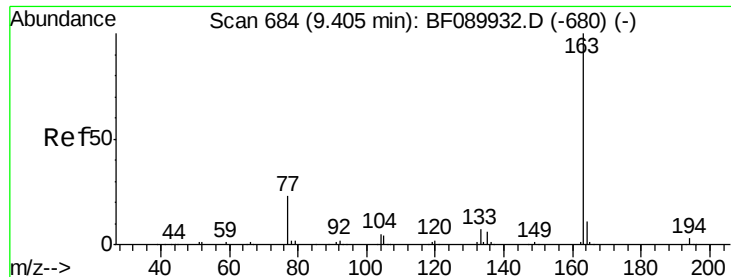


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

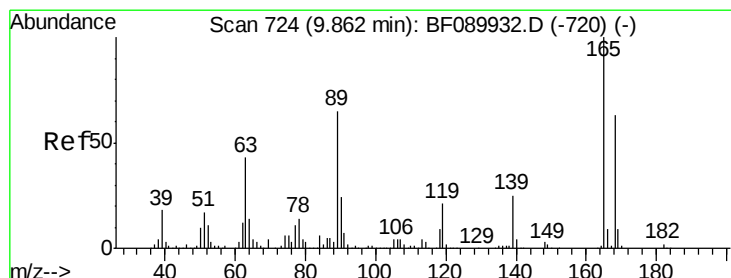
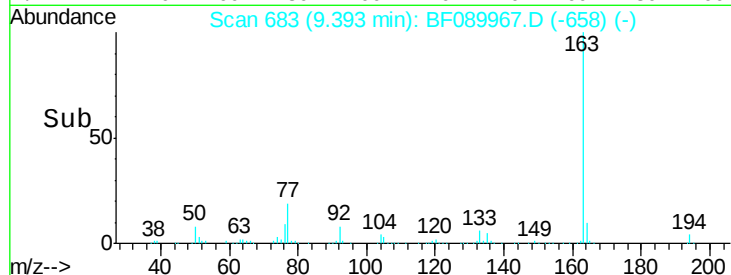
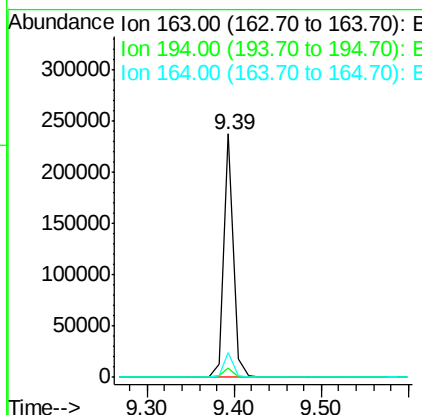
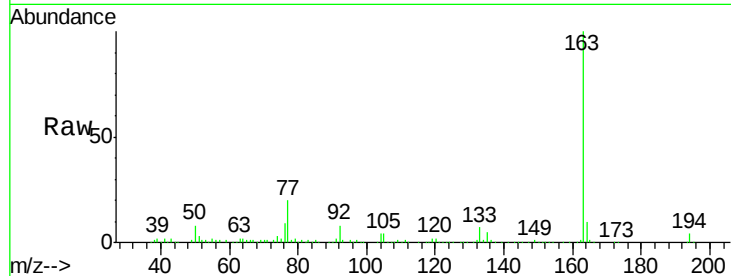




#49
Dimethylphthalate
Concen: 7.25 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF089967.D
Acq: 1 Sep 2016 13:07

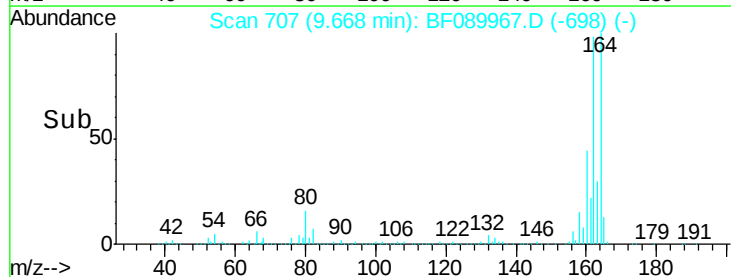
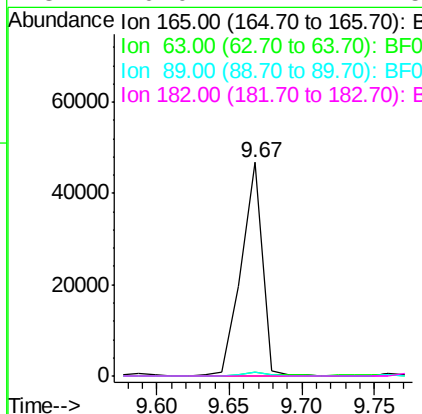
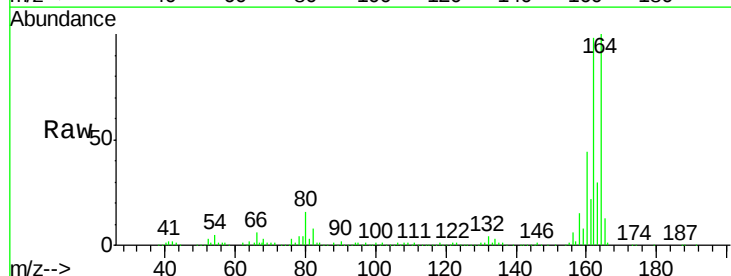
Instrument :
BNA_F
ClientSampleId :

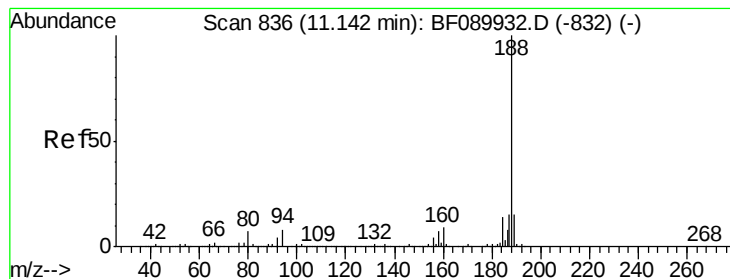
Tot Ion:163 Resp: 188205
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 9.0 13.4



#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF089967.D
Acq: 1 Sep 2016 13:07

Tgt Ion:165 Resp: 47629
Ion Ratio Lower Upper
165 100
63 1.6 32.5 48.7#
89 1.7 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: BF089967.D

Acq: 1 Sep 2016 13:07

Instrument :

BNA_F

ClientSampleId :

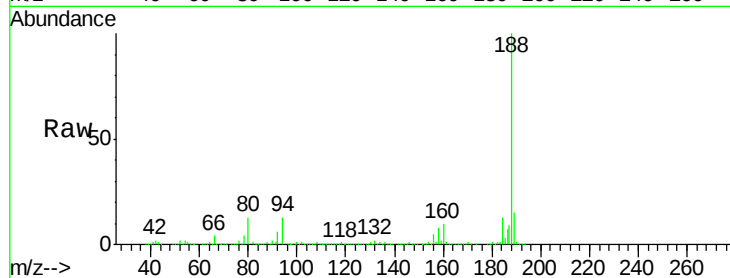
Tot Ion:188 Resp: 568500

Ion Ratio Lower Upper

188 100

94 12.7 5.9 8.9#

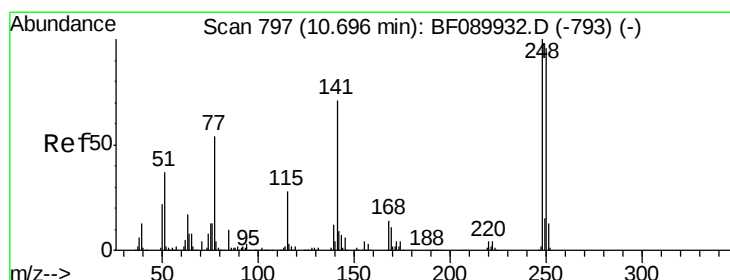
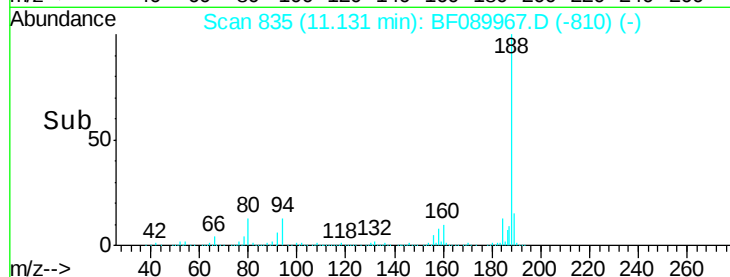
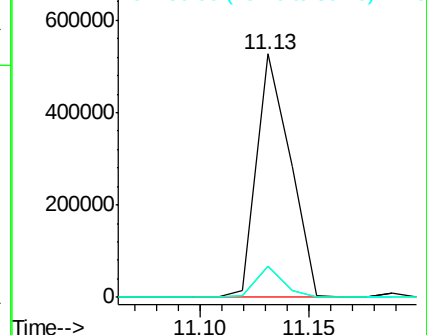
80 12.8 5.8 8.8#



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: 4.20 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.25 min

Lab File: BF089967.D

Acq: 1 Sep 2016 13:07

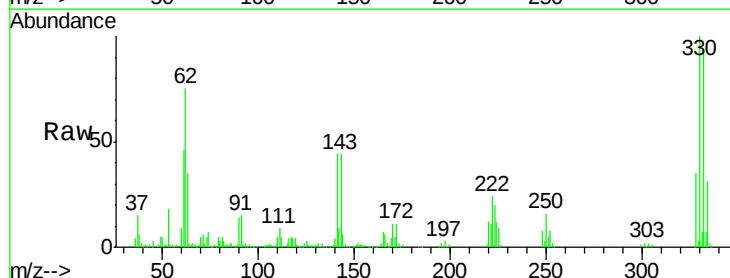
Tgt Ion:248 Resp: 24034

Ion Ratio Lower Upper

248 100

250 196.0 77.3 115.9#

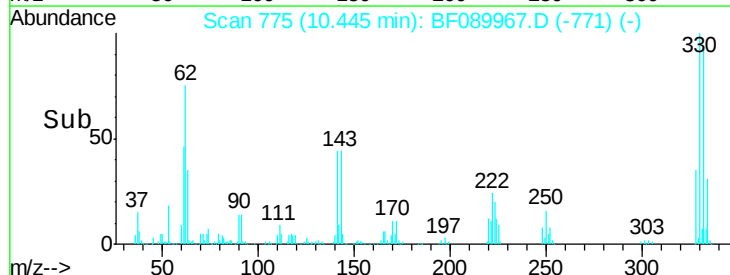
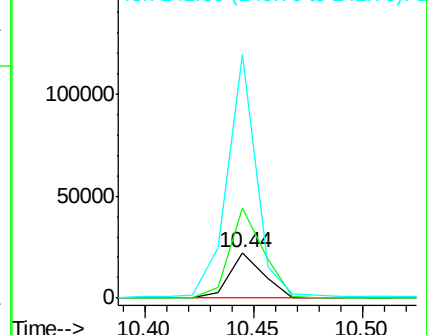
141 531.4 55.8 83.8#

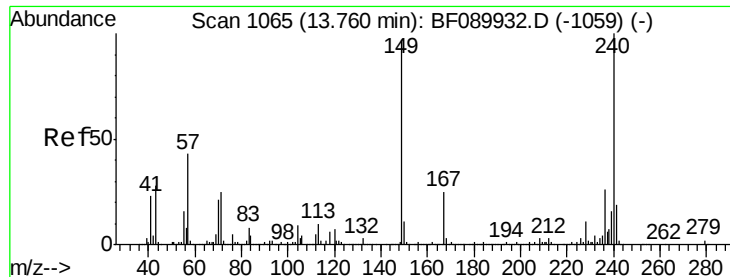


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089967.D

Acq: 1 Sep 2016 13:07

Instrument :

BNA_F

ClientSampleId :

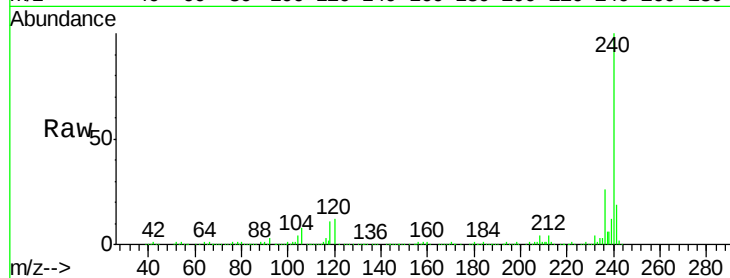
Tot Ion:240 Resp: 458300

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

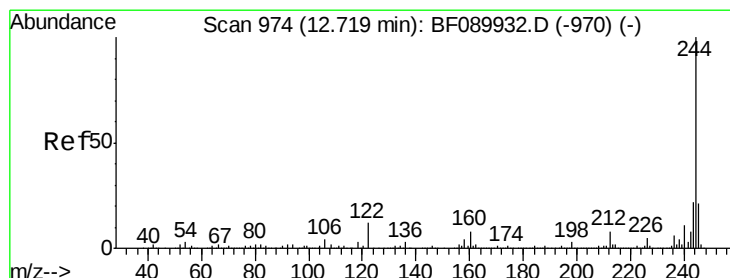
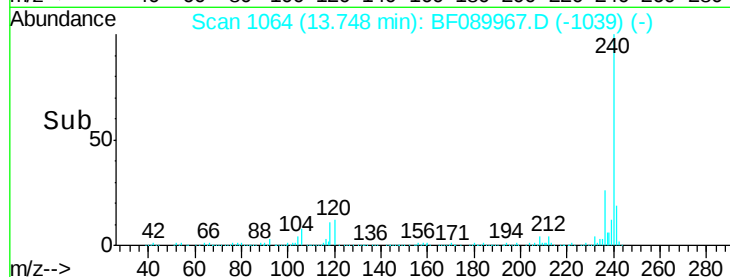
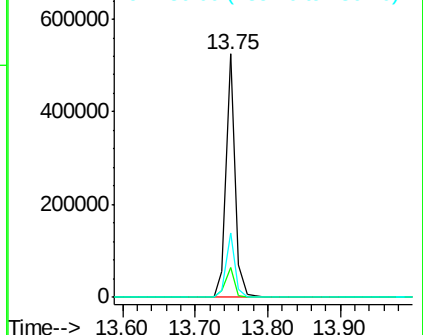
236 26.5 21.3 31.9



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: 66.01 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089967.D

Acq: 1 Sep 2016 13:07

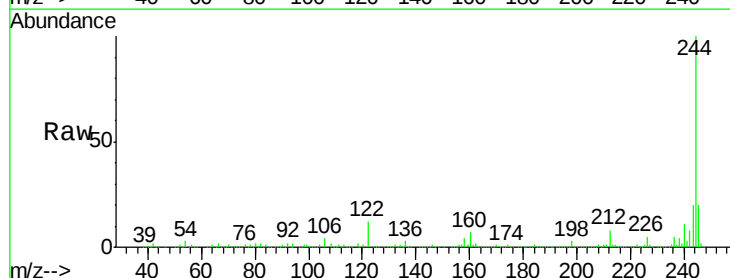
Tgt Ion:244 Resp: 1224622

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

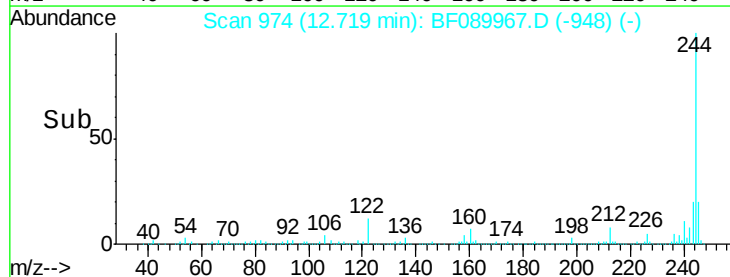
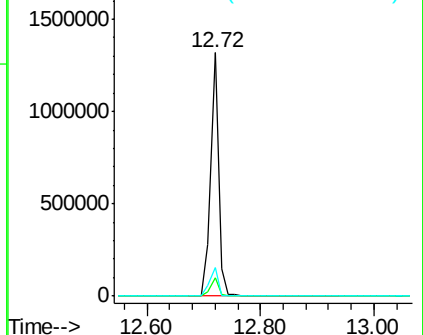
122 11.9 9.6 14.4

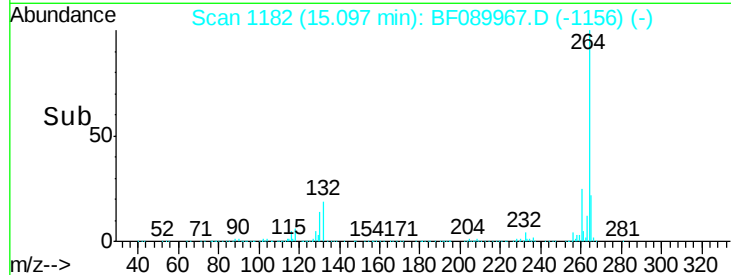
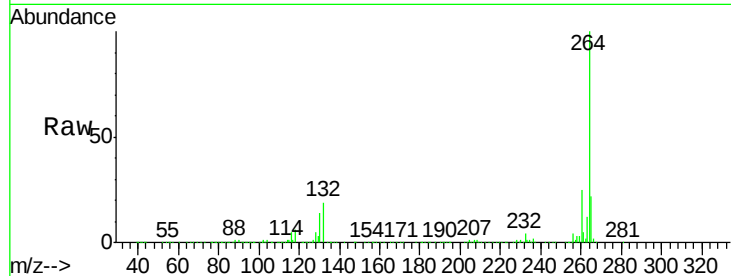
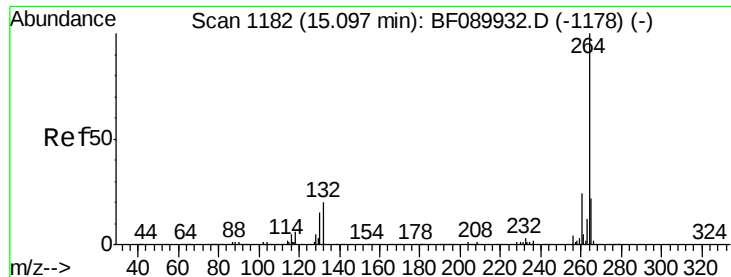


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089967.D
Acq: 1 Sep 2016 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	435832
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.4 29.0
265	21.8	17.4 26.2

