

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089946.D
 Acq On : 31 Aug 2016 13:15
 Operator : UM/SJ
 Sample : H4617-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 415LSB1(5)

Quant Time: Aug 31 15:19:58 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

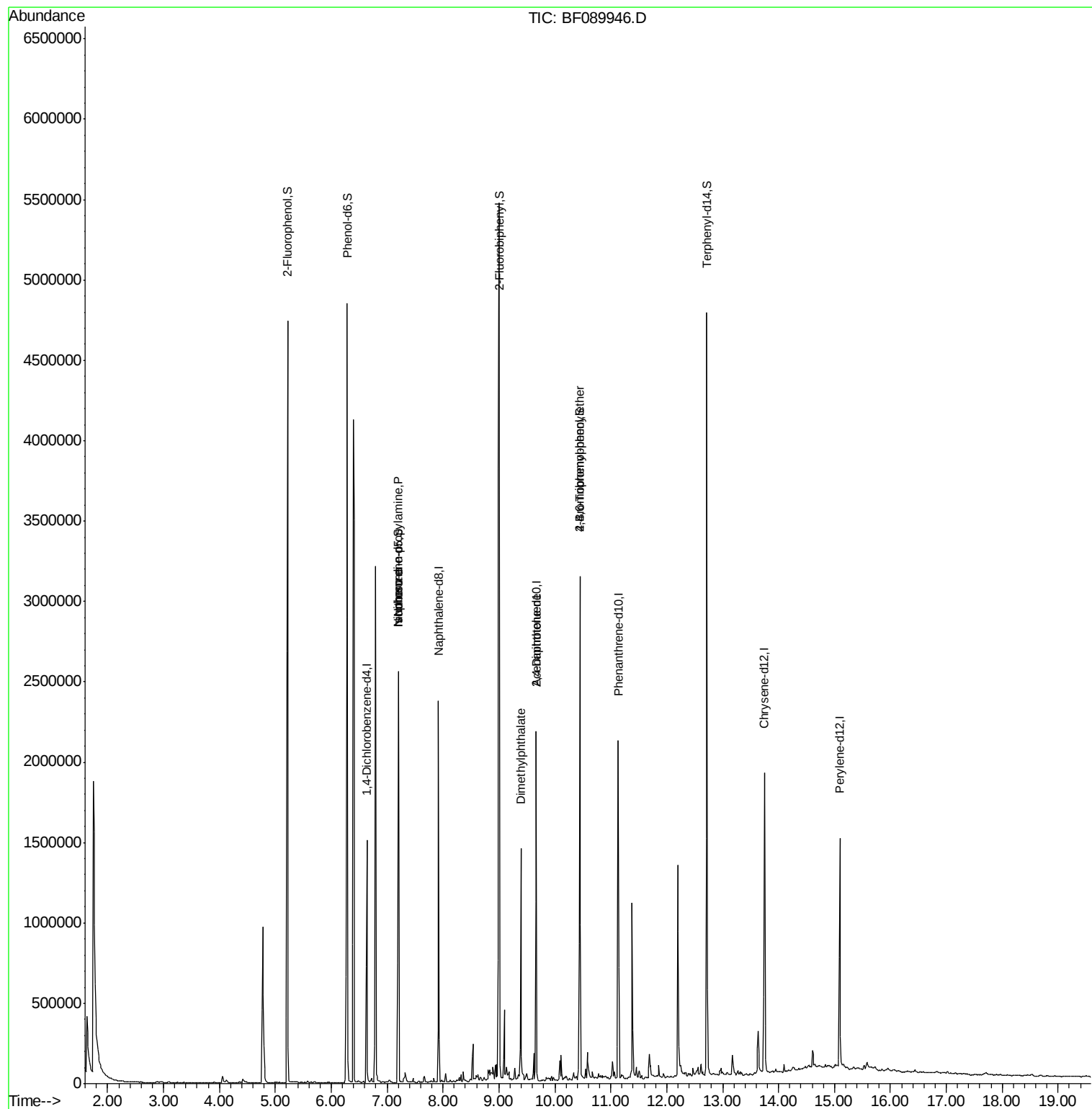
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	255346	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	989992	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	518366	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	828933	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	630513	20.00	ng	-0.01
86) Perylene-d12	15.10	264	601095	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1557948	97.66	ng	0.01
7) Phenol-d6	6.28	99	1975708	101.92	ng	0.01
23) Nitrobenzene-d5	7.20	82	1305394	76.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	454888	88.95	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2346442	74.31	ng	0.00
78) Terphenyl-d14	12.72	244	1595435	62.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	172474	13.65	ng	# 84
25) Isophorone	7.20	82	1133419	32.65	ng	# 65
49) Dimethylphthalate	9.39	163	519128	13.86	ng	99
56) 2,4-Dinitrotoluene	9.67	165	65705	6.22	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	27993	3.35	ng	# 1

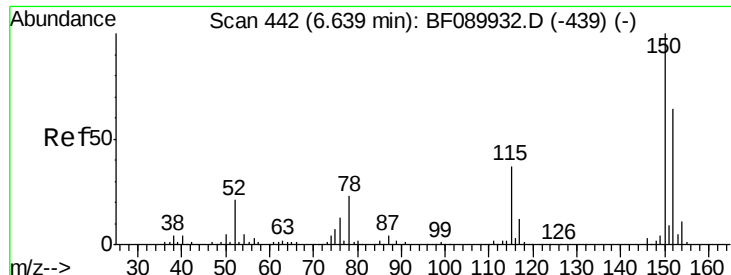
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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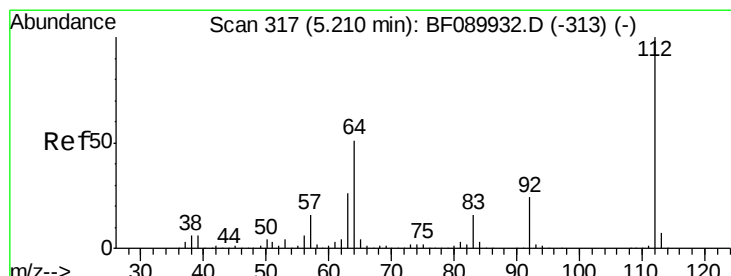
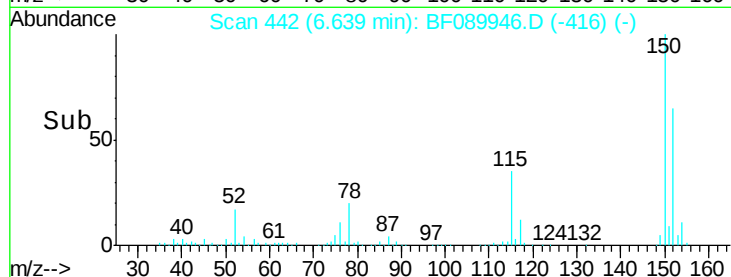
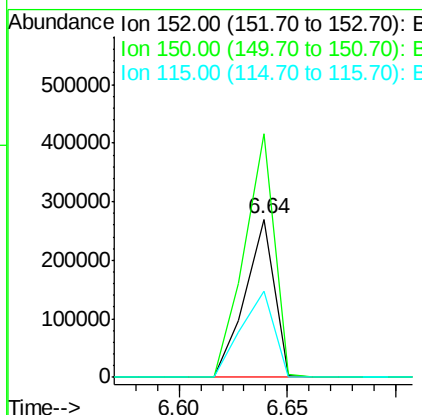
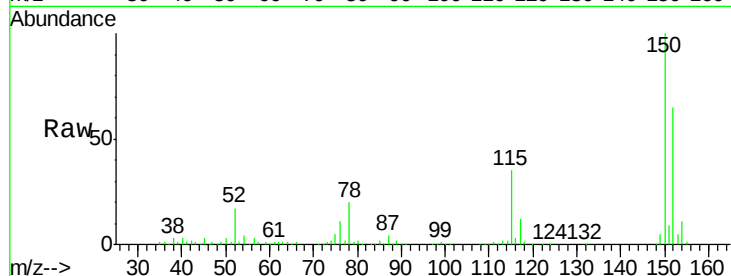


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089946.D
Acq: 31 Aug 2016 13:15

Instrument :
BNA_F
ClientSampleId :
415LSB1(5)

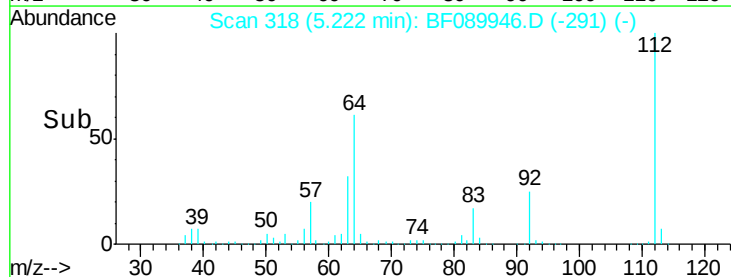
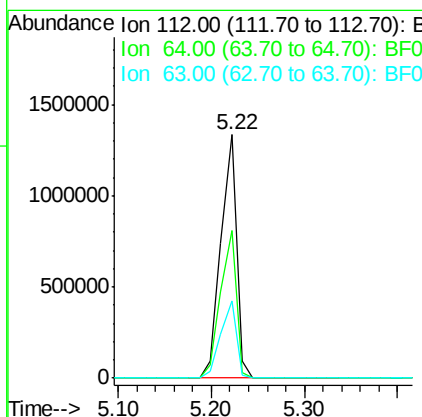
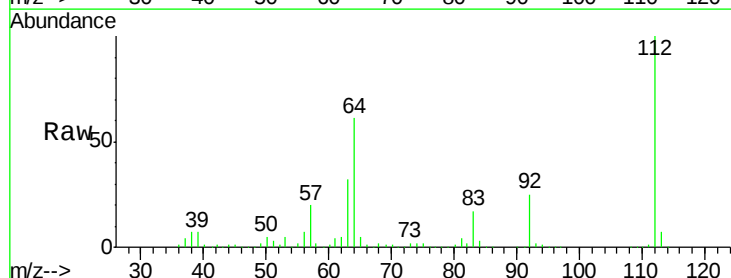
Tot Ion:152 Resp: 255346
Ion Ratio Lower Upper
152 100
150 153.6 127.4 191.2
115 54.1 46.3 69.5

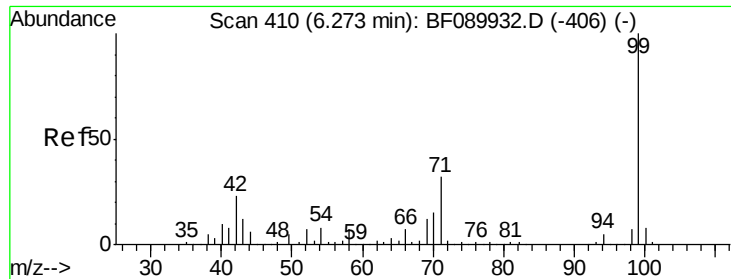


#5

2-Fluorophenol
Concen: 97.66 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF089946.D
Acq: 31 Aug 2016 13:15

Tgt Ion:112 Resp: 1557948
Ion Ratio Lower Upper
112 100
64 60.7 41.1 61.7
63 32.0 21.2 31.8#





#7

Phenol-d6

Concen: 101.92 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089946.D

Acq: 31 Aug 2016 13:15

Instrument :

BNA_F

ClientSampleId :

415LSB1(5)

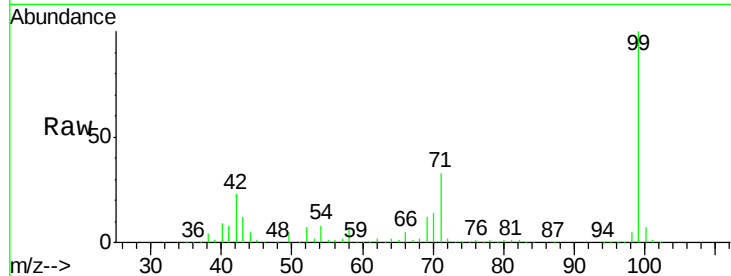
Tot Ion: 99 Resp: 1975708

Ion Ratio Lower Upper

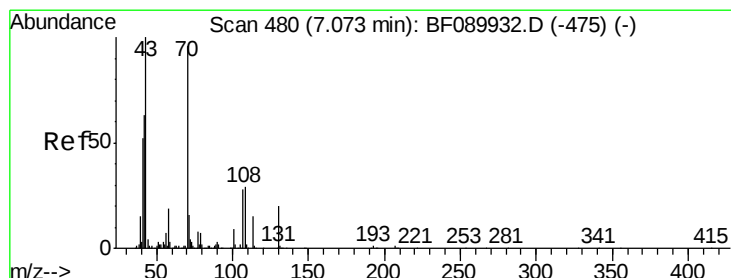
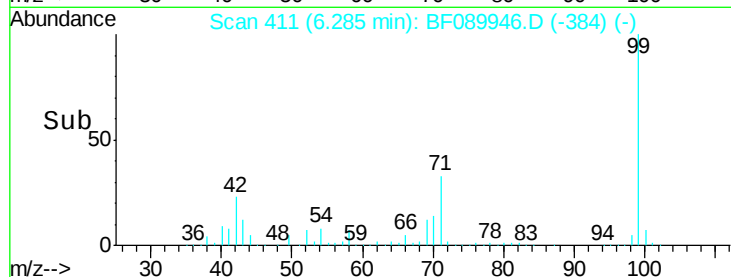
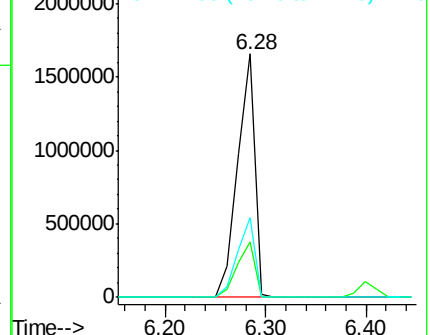
99 100

42 22.9 18.6 27.8

71 33.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.65 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.13 min

Lab File: BF089946.D

Acq: 31 Aug 2016 13:15

Tgt Ion: 70 Resp: 172474

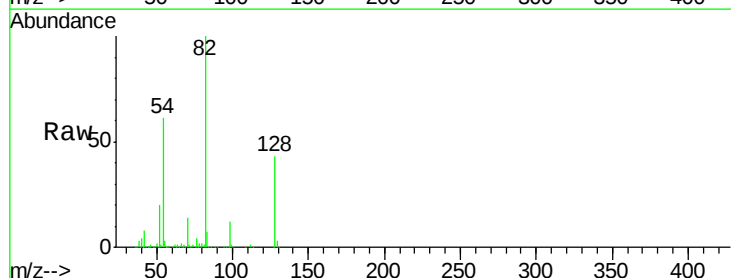
Ion Ratio Lower Upper

70 100

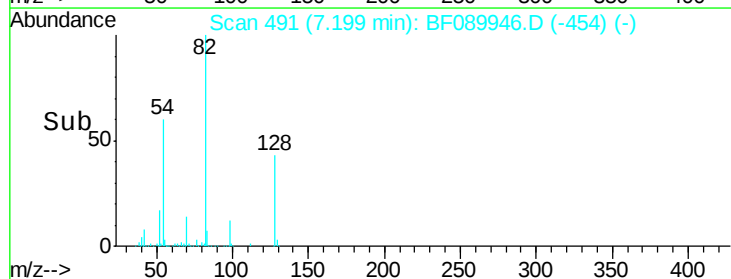
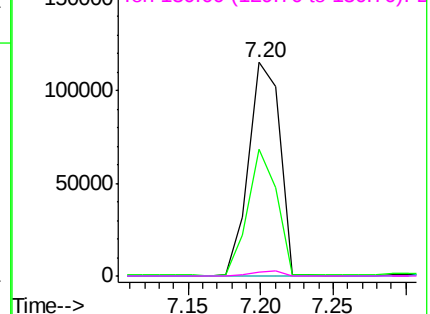
42 59.5 52.1 78.1

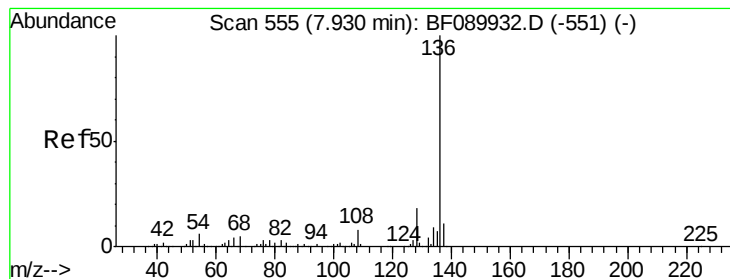
101 0.0 7.4 11.2#

130 2.0 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: BF089946.D

Acq: 31 Aug 2016 13:15

Instrument :

BNA_F

ClientSampleId :

415LSB1(5)

Tot Ion:136 Resp: 989992

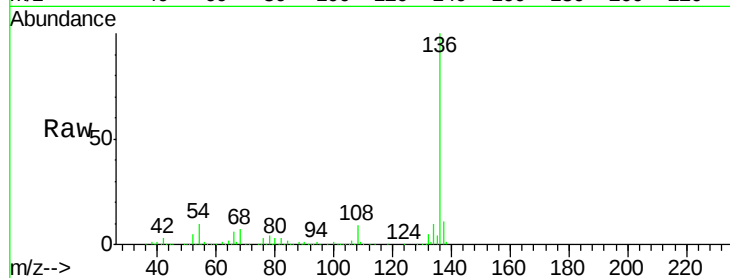
Ion Ratio Lower Upper

136 100

137 11.4 8.3 12.5

54 9.9 4.8 7.2#

68 6.9 3.7 5.5#

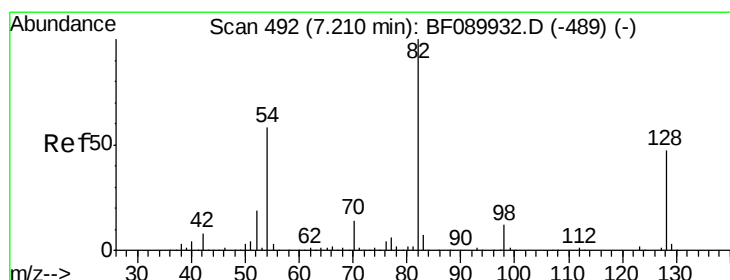
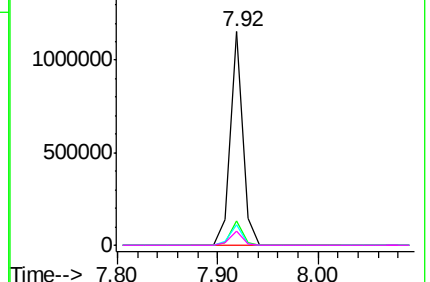
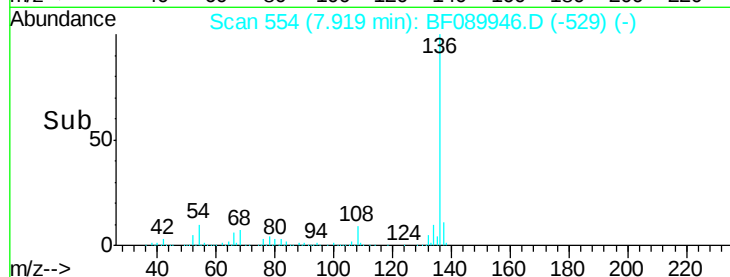


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.47 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089946.D

Acq: 31 Aug 2016 13:15

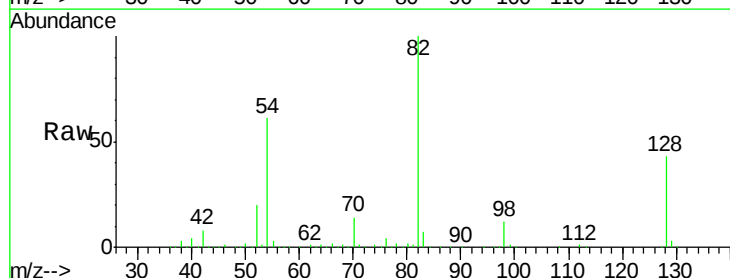
Tgt Ion: 82 Resp: 1305394

Ion Ratio Lower Upper

82 100

128 43.5 37.8 56.8

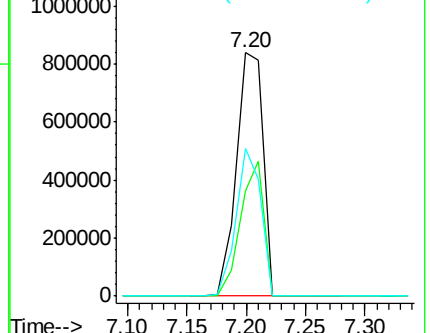
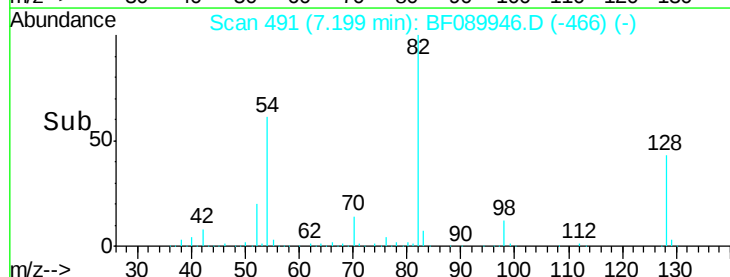
54 60.6 46.9 70.3

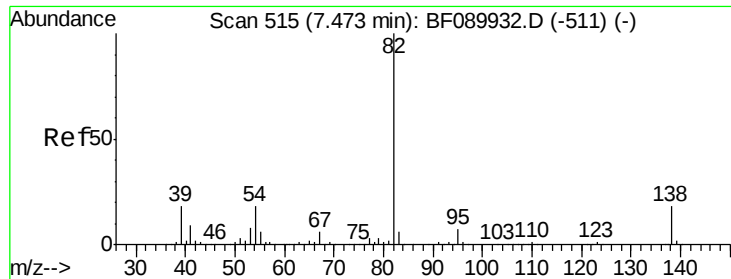


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.65 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.27 min

Lab File: BF089946.D

Acq: 31 Aug 2016 13:15

Instrument :

BNA_F

ClientSampleId :

415LSB1(5)

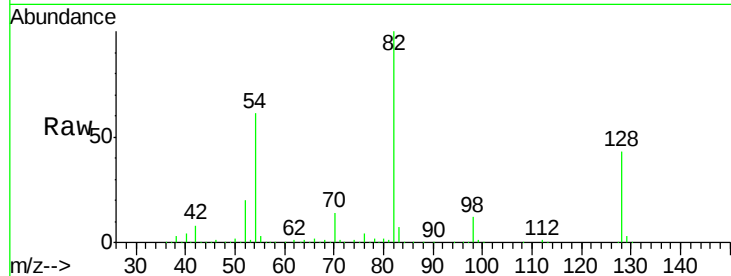
Tot Ion: 82 Resp: 1133419

Ion Ratio Lower Upper

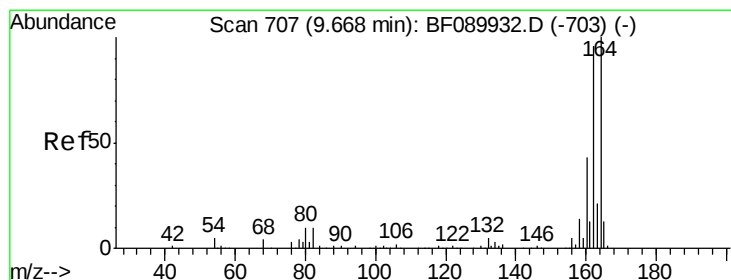
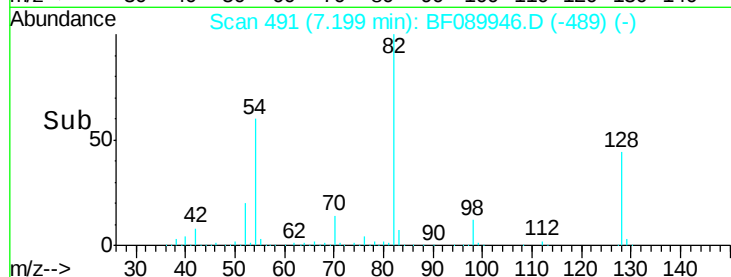
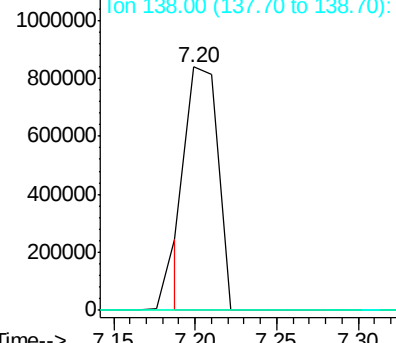
82 100

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: BF089946.D

Acq: 31 Aug 2016 13:15

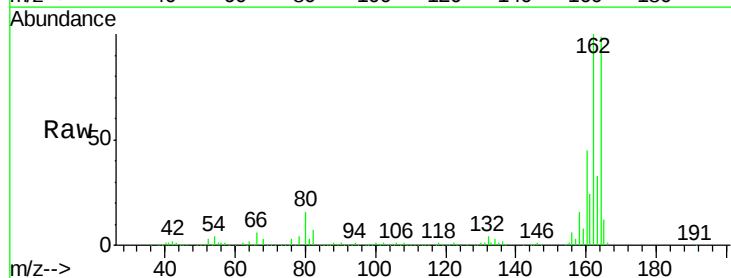
Tgt Ion:164 Resp: 518366

Ion Ratio Lower Upper

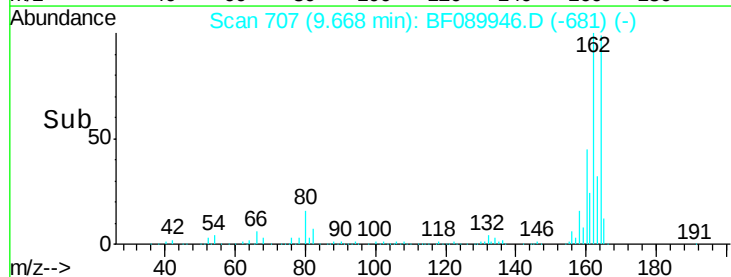
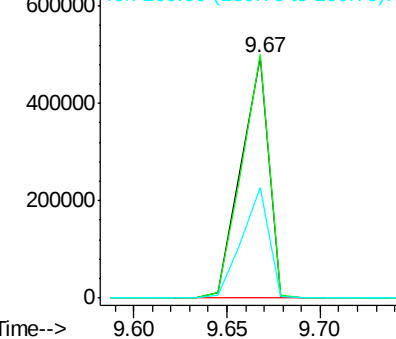
164 100

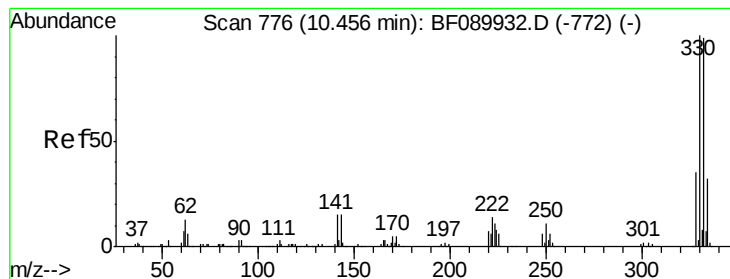
162 101.0 77.1 115.7

160 45.6 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: 88.95 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF089946.D

Acq: 31 Aug 2016 13:15

Instrument :

BNA_F

ClientSampleId :

415LSB1(5)

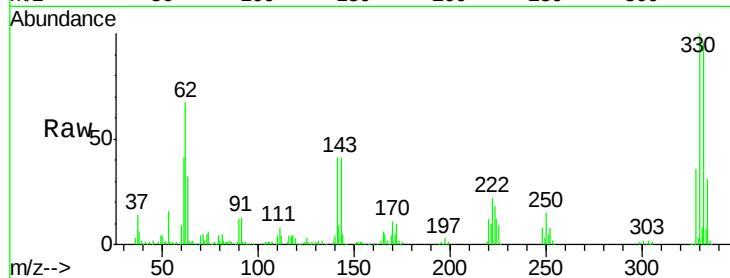
Tot Ion:330 Resp: 454888

Ion Ratio Lower Upper

330 100

332 96.0 78.6 117.8

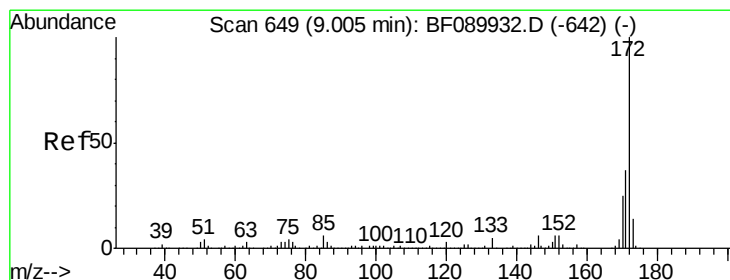
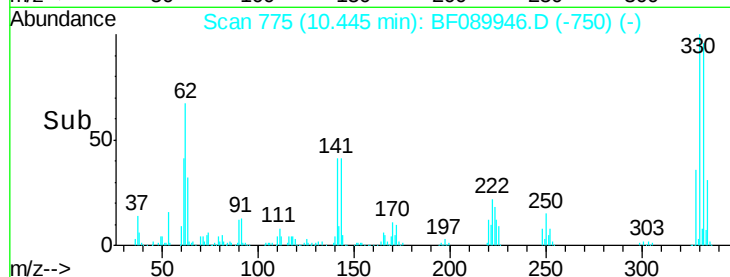
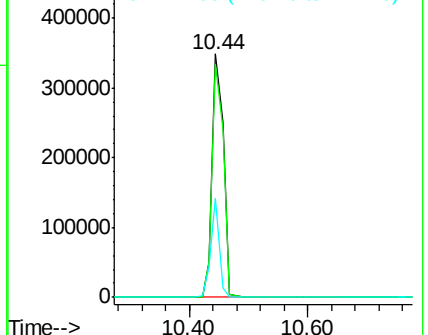
141 30.6 23.3 34.9



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: 74.31 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF089946.D

Acq: 31 Aug 2016 13:15

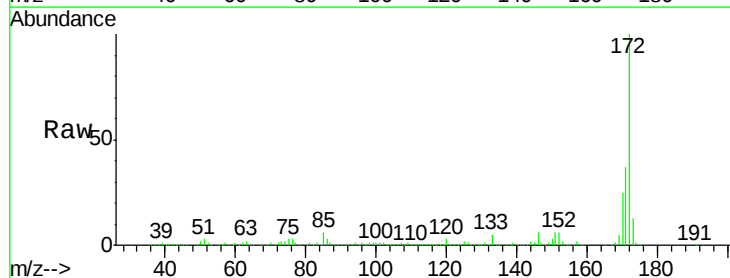
Tgt Ion:172 Resp: 2346442

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.2

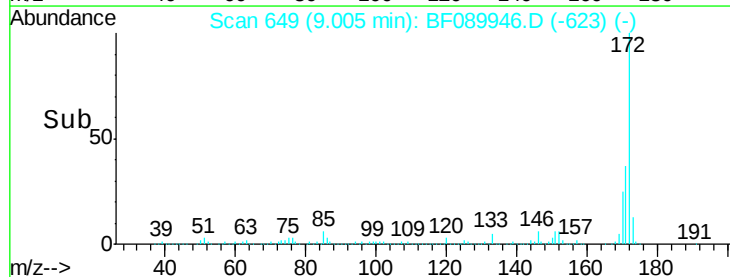
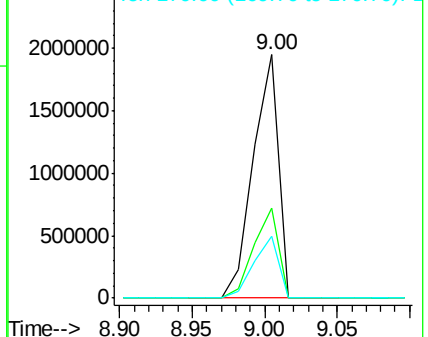
170 25.3 20.1 30.1

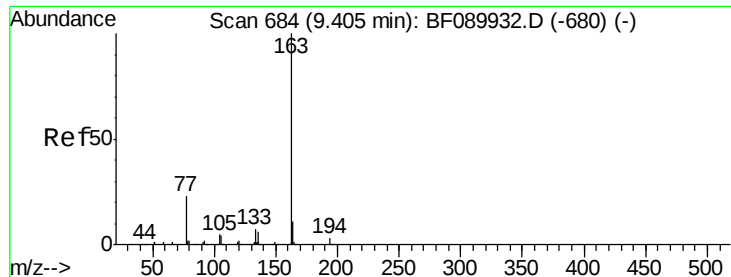


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 13.86 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF089946.D

Acq: 31 Aug 2016 13:15

Instrument :

BNA_F

ClientSampleId :

415LSB1(5)

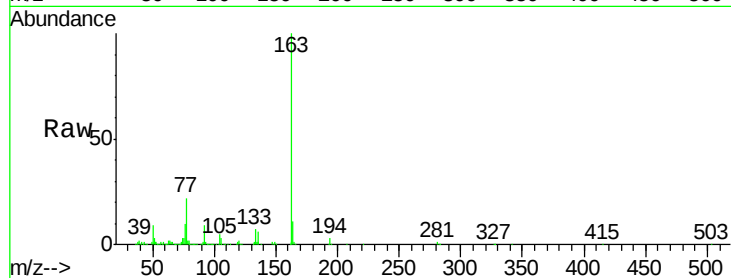
Tot Ion:163 Resp: 519128

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

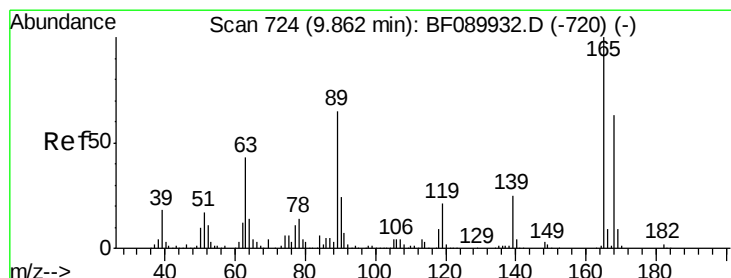
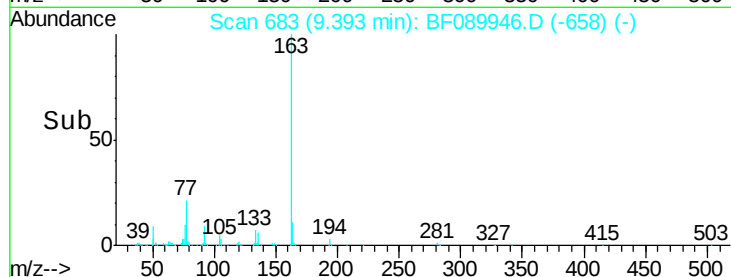
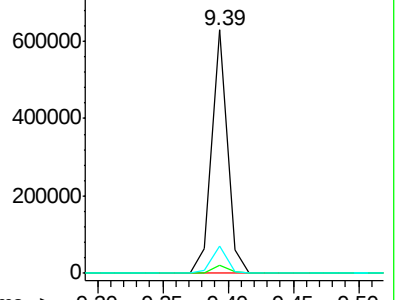
164 11.0 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.22 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.19 min

Lab File: BF089946.D

Acq: 31 Aug 2016 13:15

Tgt Ion:165 Resp: 65705

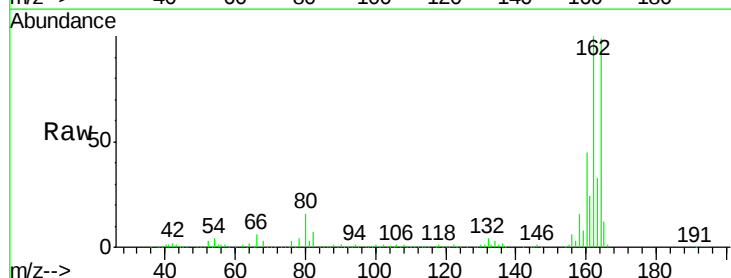
Ion Ratio Lower Upper

165 100

63 1.1 32.5 48.7#

89 1.4 48.3 72.5#

182 0.0 1.7 2.5#

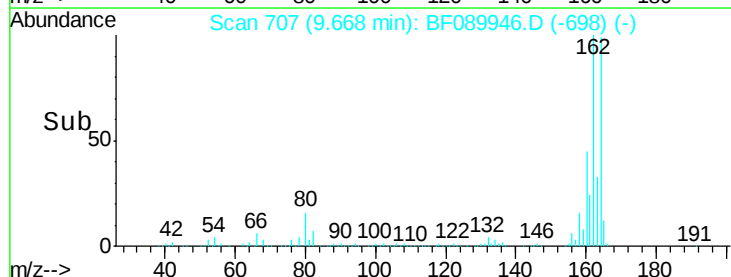
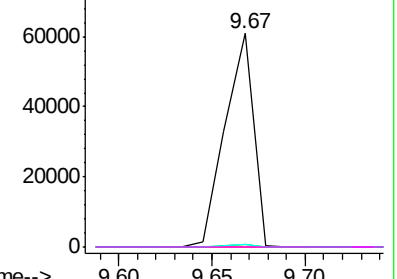


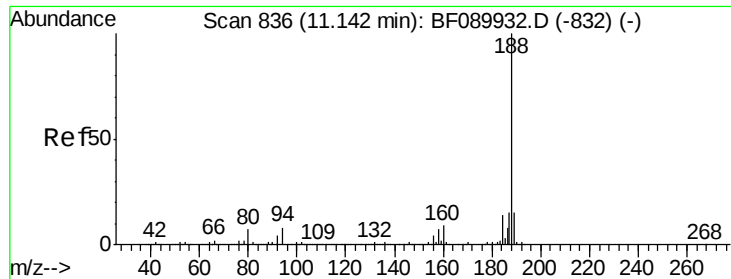
Abundance Ion 165.00 (164.70 to 165.70): E

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

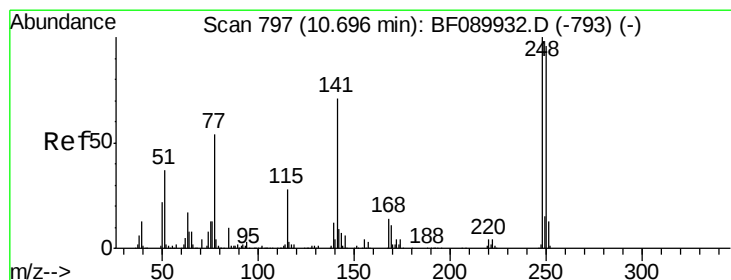
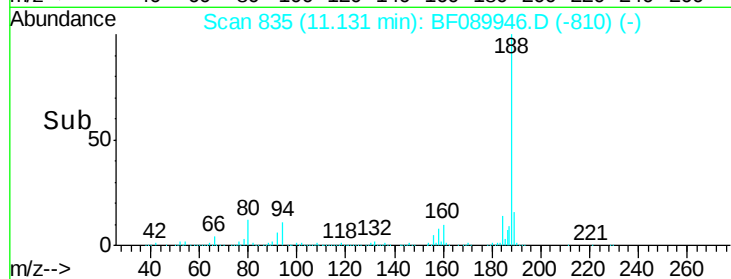
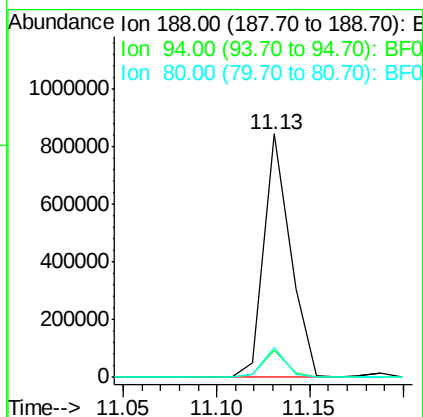
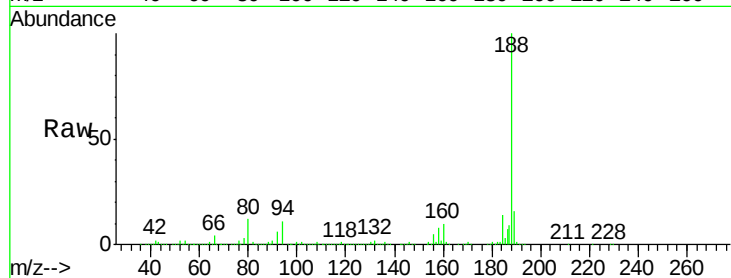




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089946.D
Acq: 31 Aug 2016 13:15

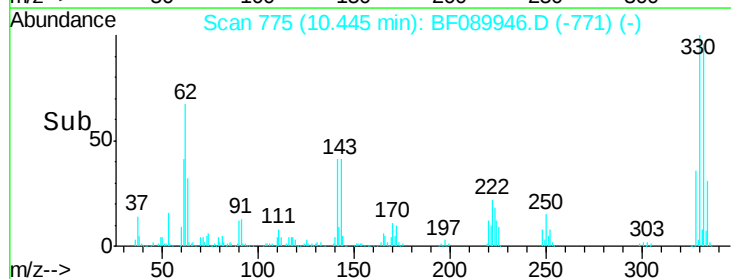
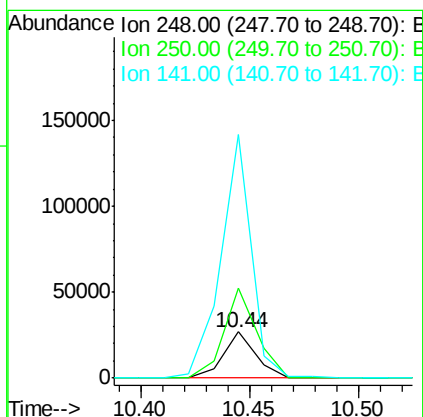
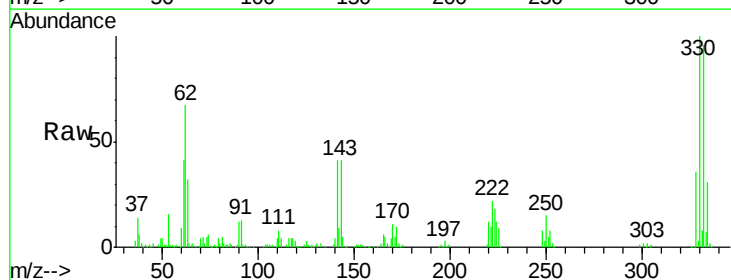
Instrument :
BNA_F
ClientSampleId :
415LSB1(5)

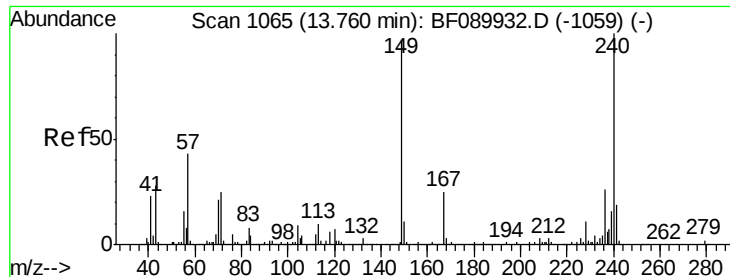
Tot Ion:188 Resp: 828933
Ion Ratio Lower Upper
188 100
94 11.5 5.9 8.9#
80 12.1 5.8 8.8#



#66
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.25 min
Lab File: BF089946.D
Acq: 31 Aug 2016 13:15

Tgt Ion:248 Resp: 27993
Ion Ratio Lower Upper
248 100
250 195.8 77.3 115.9#
141 526.3 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: BF089946.D

Acq: 31 Aug 2016 13:15

Instrument :

BNA_F

ClientSampleId :

415LSB1(5)

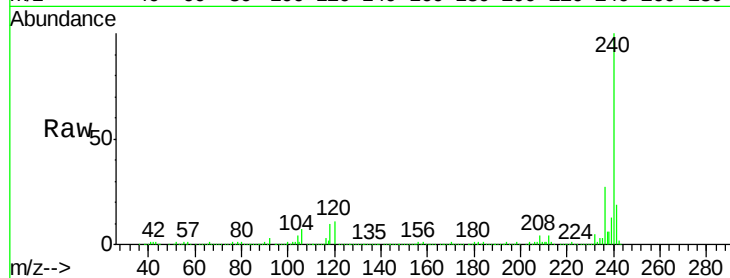
Tot Ion:240 Resp: 630513

Ion Ratio Lower Upper

240 100

120 10.7 5.7 8.5#

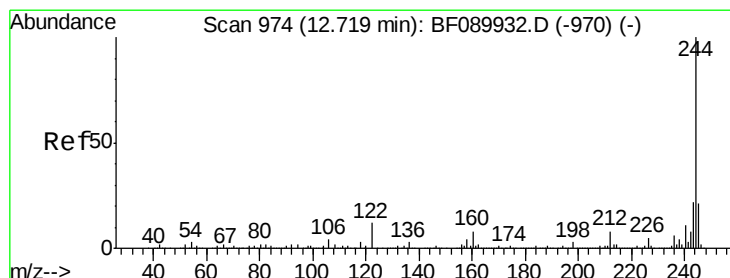
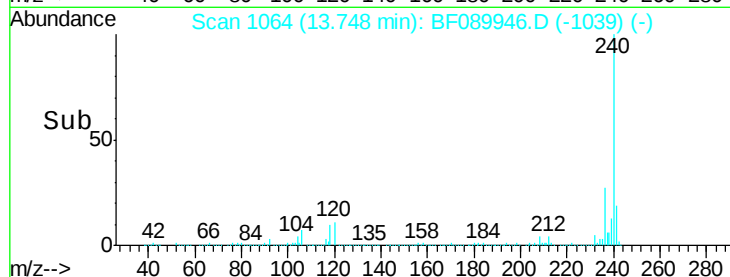
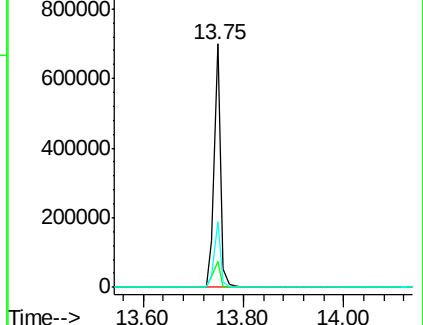
236 27.0 21.3 31.9



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: 62.51 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089946.D

Acq: 31 Aug 2016 13:15

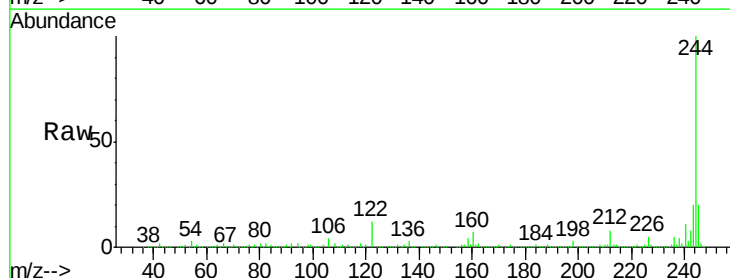
Tgt Ion:244 Resp: 1595435

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

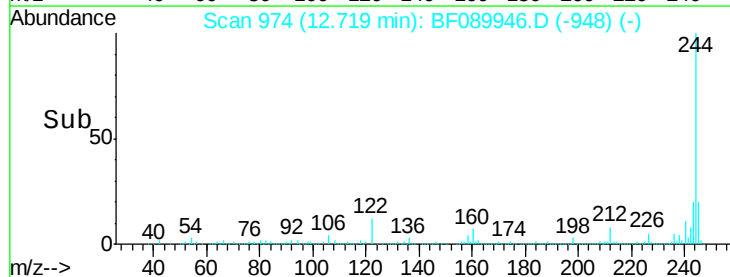
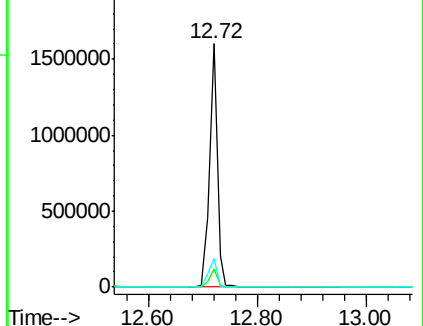
122 11.7 9.6 14.4

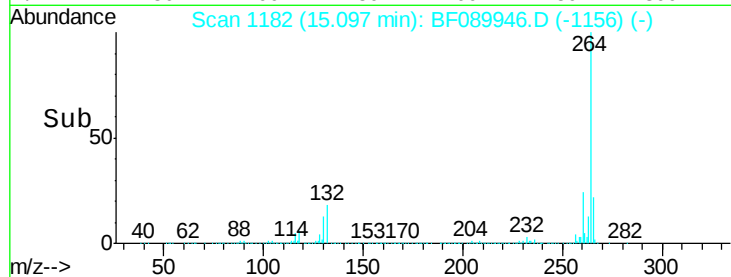
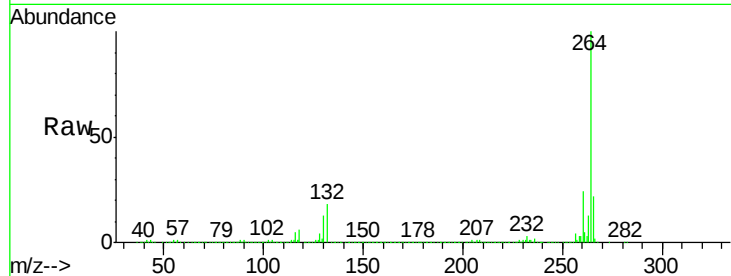
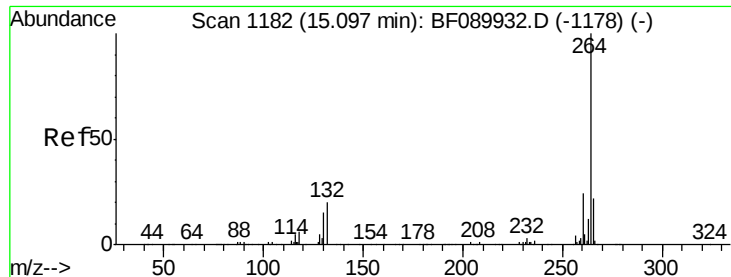


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089946.D
Acq: 31 Aug 2016 13:15

Instrument :
BNA_F
ClientSampleId :
415LSB1(5)

Tot Ion:	264	Resp:	601095
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.0	17.4	26.2

