

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089948.D
 Acq On : 31 Aug 2016 14:12
 Operator : UM/SJ
 Sample : H4617-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 15:20:22 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

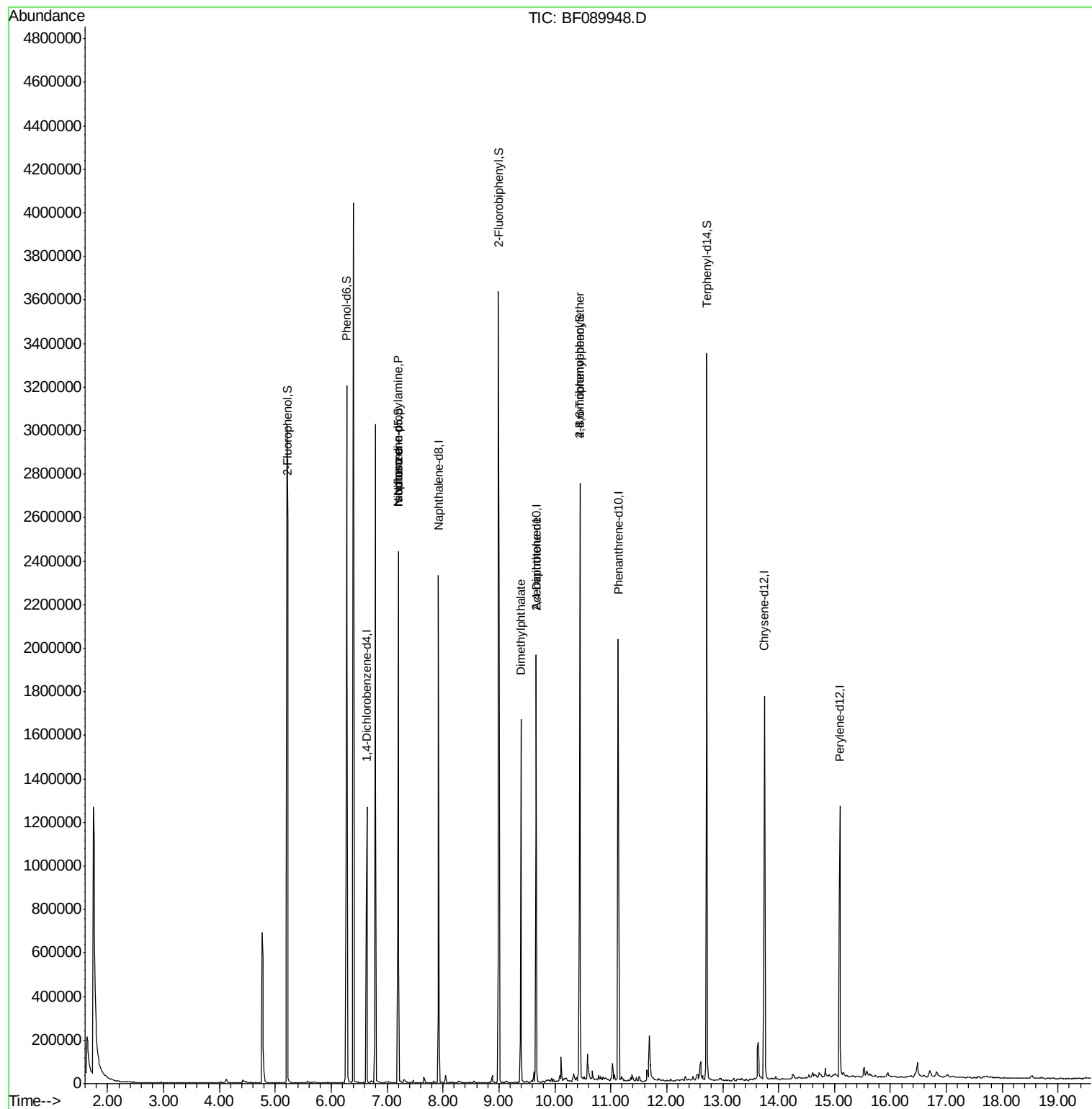
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	242787	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	961446	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	499716	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	802014	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	606583	20.00	ng	-0.01
86) Perylene-d12	15.10	264	595220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1303126	85.91	ng	0.01
7) Phenol-d6	6.27	99	1585439	86.02	ng	0.00
23) Nitrobenzene-d5	7.20	82	829377	50.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	322095	65.33	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1571171	51.61	ng	-0.01
78) Terphenyl-d14	12.72	244	1224254	49.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	111456	9.28	ng	# 83
25) Isophorone	7.20	82	672788	19.96	ng	# 65
49) Dimethylphthalate	9.39	163	614593	17.02	ng	99
56) 2,4-Dinitrotoluene	9.67	165	63143	6.20	ng	# 30
66) 4-Bromophenyl-phenylether	10.44	248	22282	2.76	ng	# 1

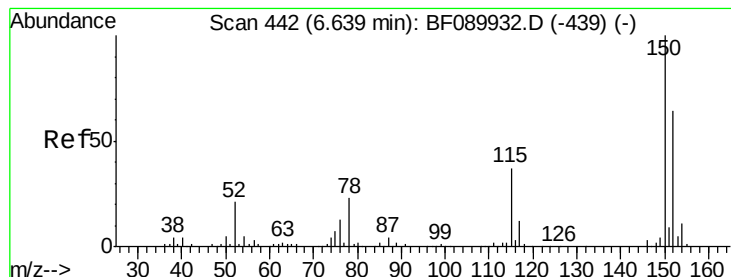
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089948.D

Acq: 31 Aug 2016 14:12

Instrument :

BNA_F

ClientSampled :

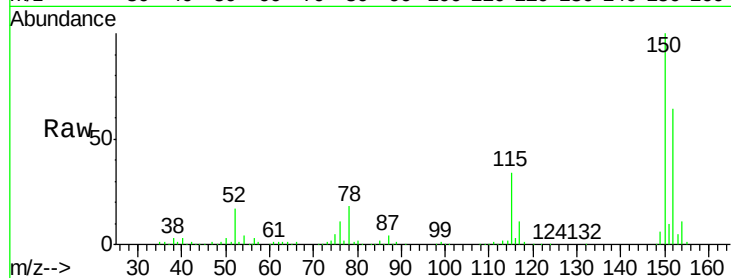
Tot Ion:152 Resp: 242787

Ion Ratio Lower Upper

152 100

150 155.3 127.4 191.2

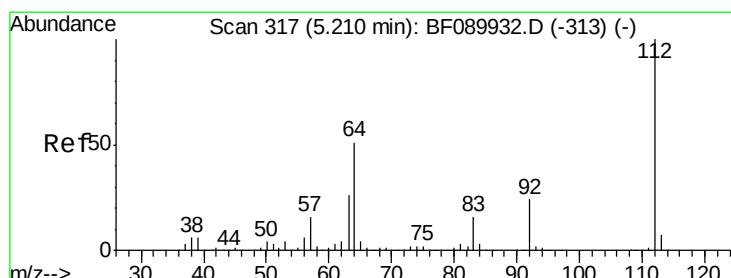
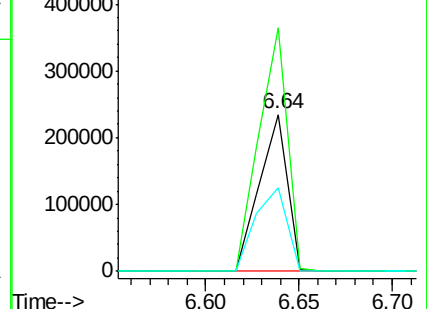
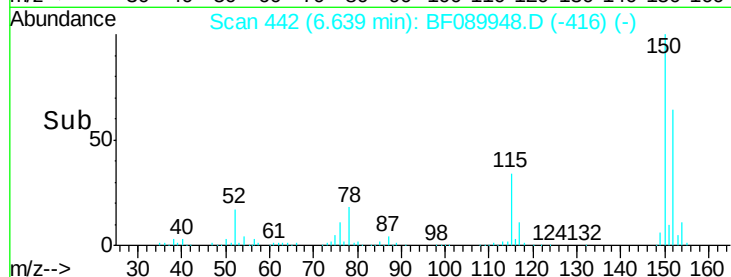
115 53.4 46.3 69.5



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: 85.91 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089948.D

Acq: 31 Aug 2016 14:12

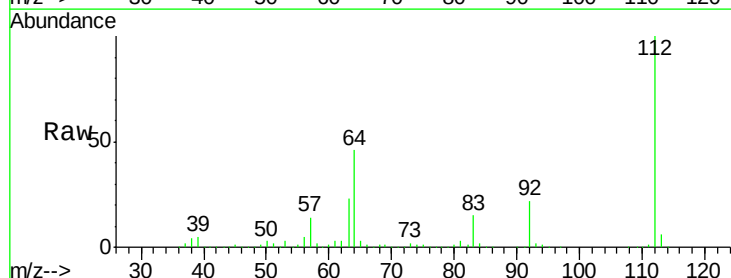
Tgt Ion:112 Resp: 1303126

Ion Ratio Lower Upper

112 100

64 46.1 41.1 61.7

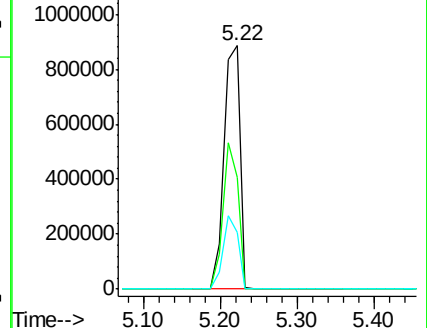
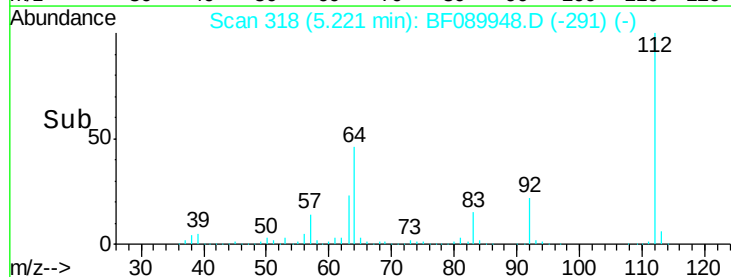
63 23.1 21.2 31.8

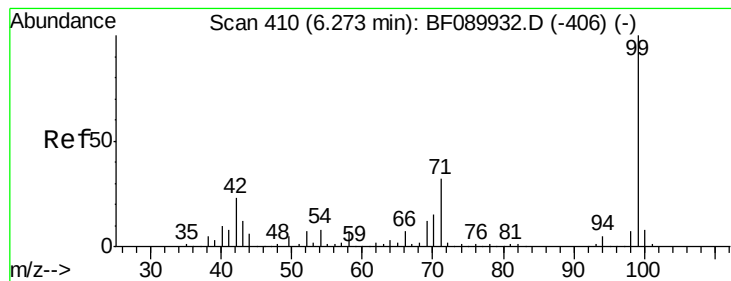


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 86.02 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089948.D

Acq: 31 Aug 2016 14:12

Instrument :

BNA_F

ClientSampled :

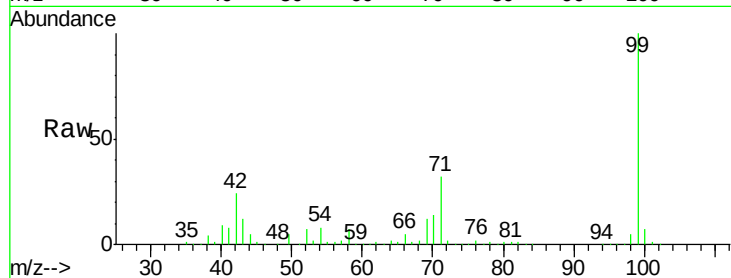
Tot Ion: 99 Resp: 1585439

Ion Ratio Lower Upper

99 100

42 23.5 18.6 27.8

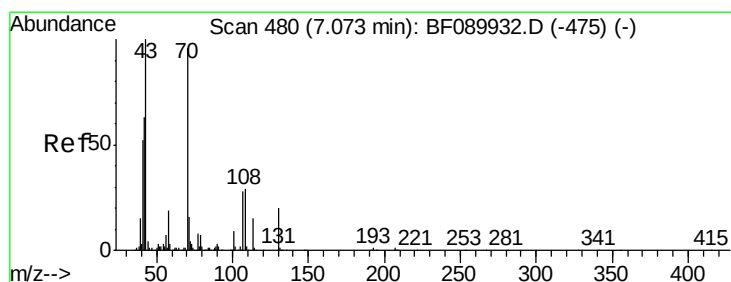
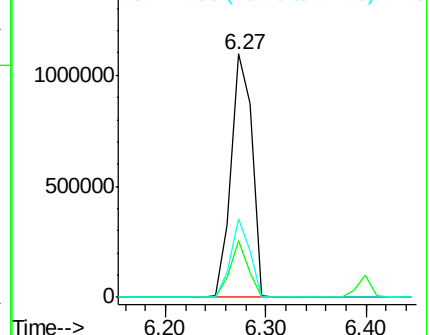
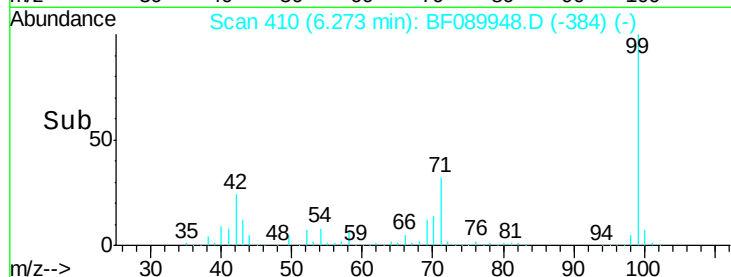
71 32.3 25.8 38.6



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: 9.28 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.13 min

Lab File: BF089948.D

Acq: 31 Aug 2016 14:12

Tgt Ion: 70 Resp: 111456

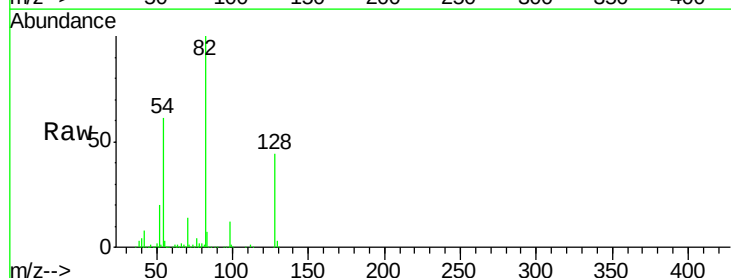
Ion Ratio Lower Upper

70 100

42 59.0 52.1 78.1

101 0.0 7.4 11.2#

130 2.3 17.0 25.4#

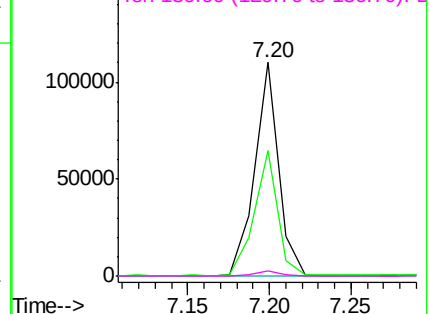
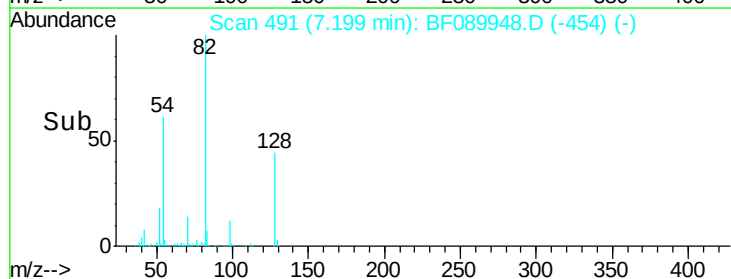


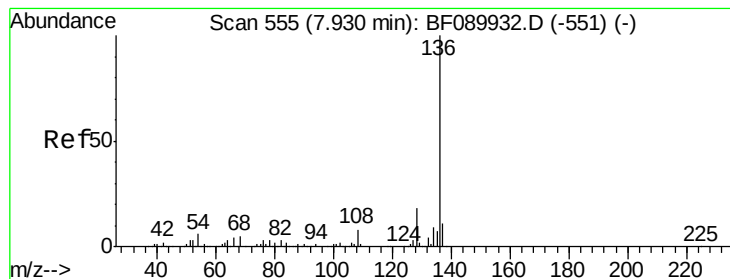
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF089948.D

Acq: 31 Aug 2016 14:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 961446

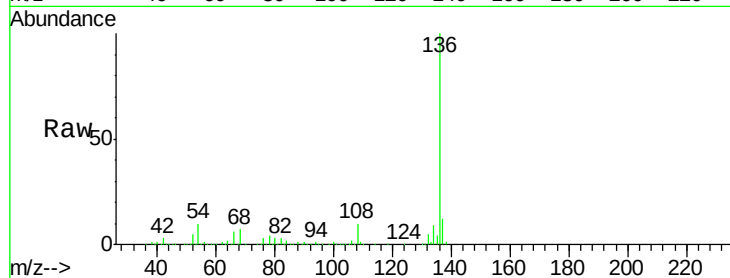
Ion Ratio Lower Upper

136 100

137 11.5 8.3 12.5

54 10.3 4.8 7.2#

68 6.7 3.7 5.5#

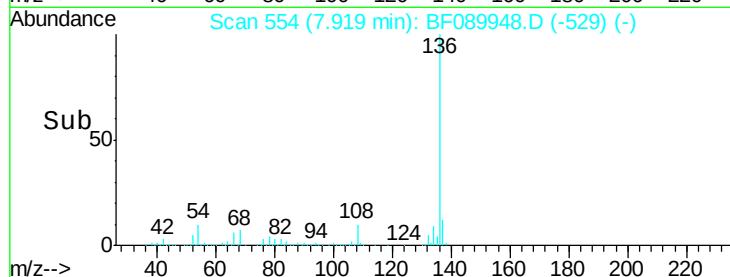


Abundance Ion 136.00 (135.70 to 136.70): E

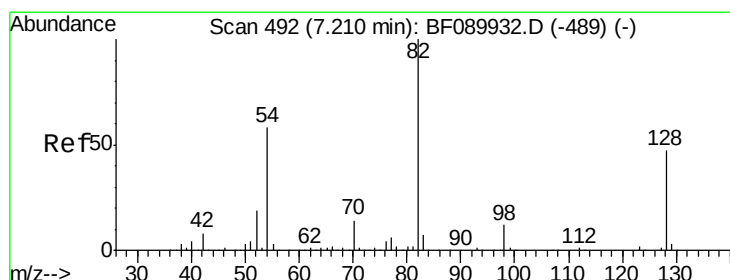
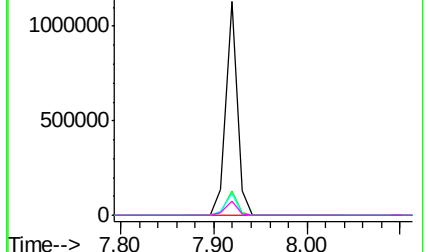
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 50.03 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089948.D

Acq: 31 Aug 2016 14:12

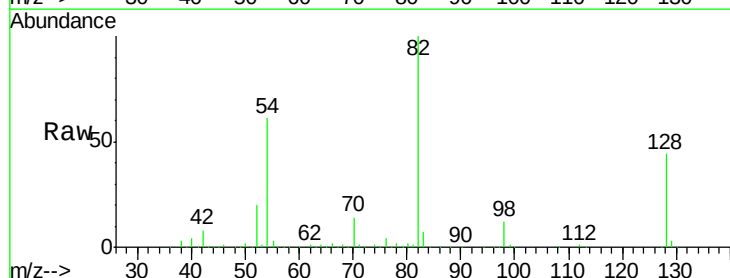
Tgt Ion: 82 Resp: 829377

Ion Ratio Lower Upper

82 100

128 44.2 37.8 56.8

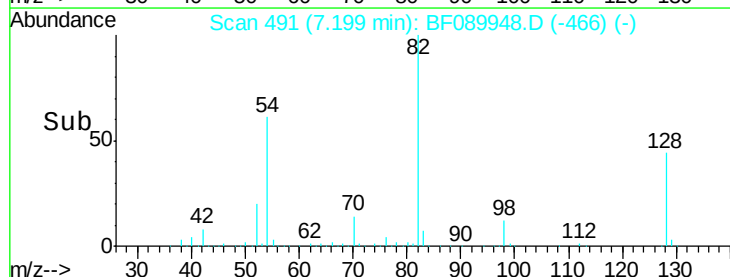
54 61.2 46.9 70.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

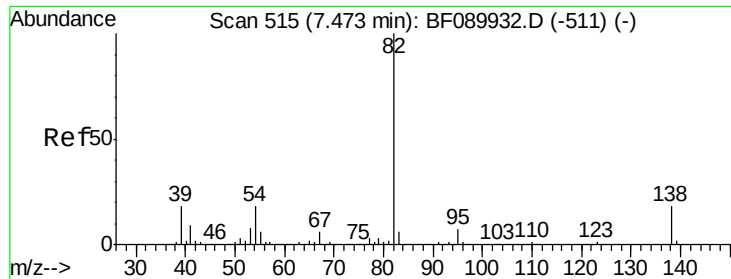
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 19.96 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.27 min

Lab File: BF089948.D

Acq: 31 Aug 2016 14:12

Instrument :

BNA_F

ClientSampled :

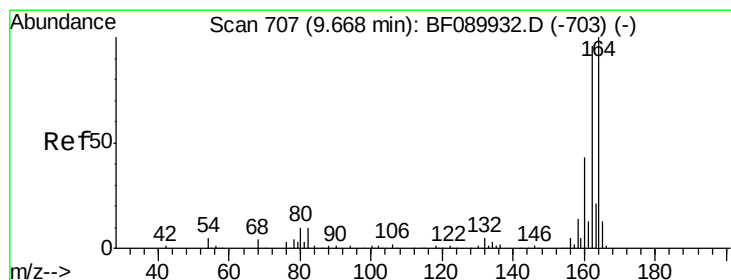
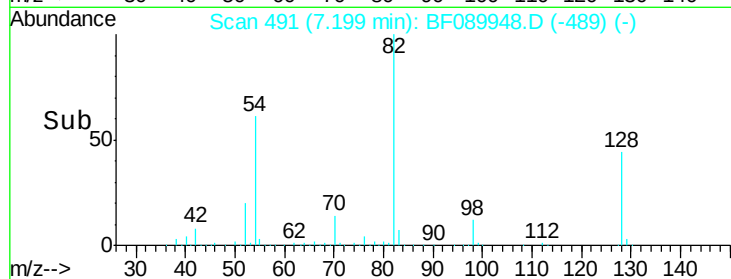
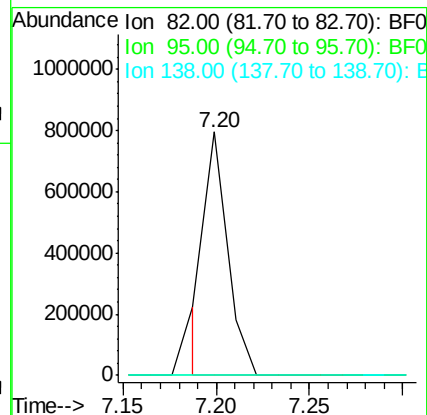
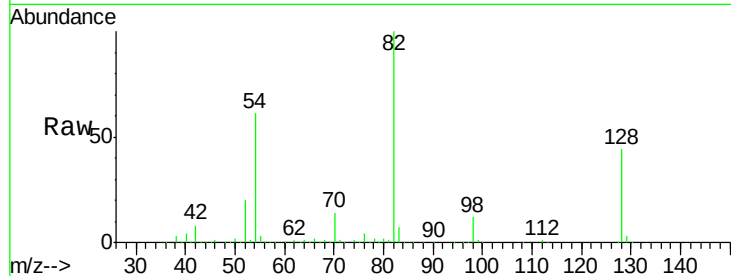
Tot Ion: 82 Resp: 672788

Ion Ratio Lower Upper

82 100

95 0.0 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: BF089948.D

Acq: 31 Aug 2016 14:12

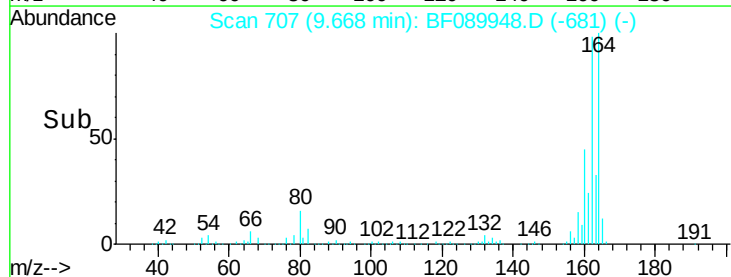
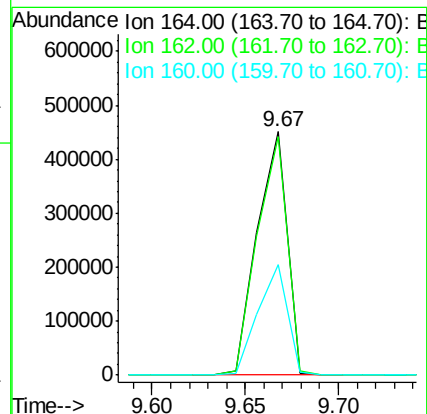
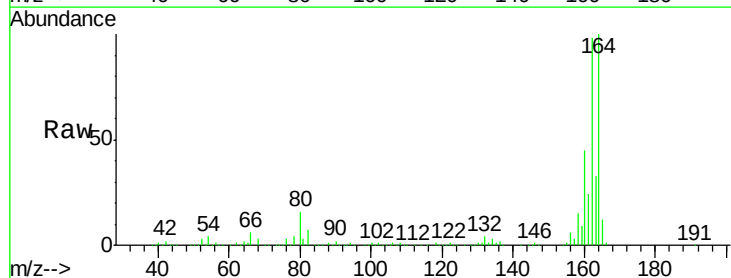
Tgt Ion:164 Resp: 499716

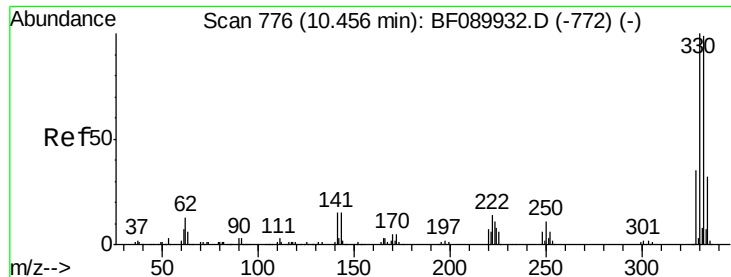
Ion Ratio Lower Upper

164 100

162 98.1 77.1 115.7

160 45.5 35.3 52.9

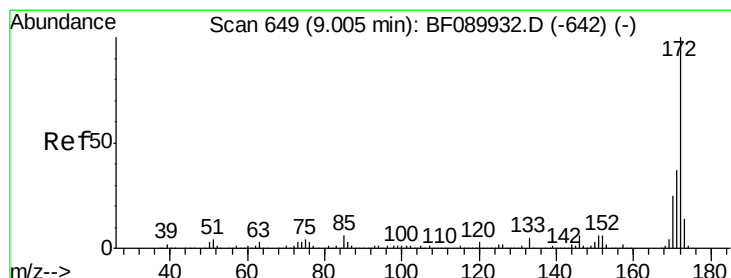
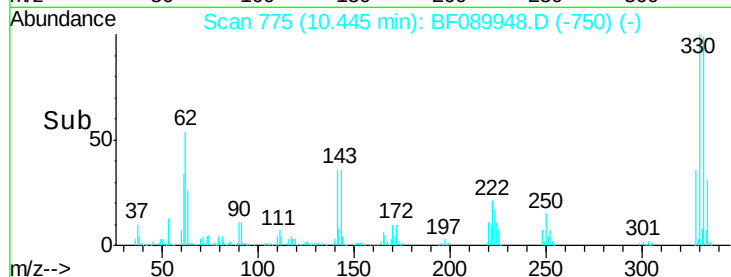
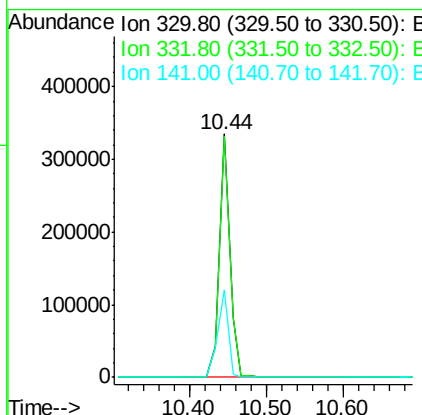
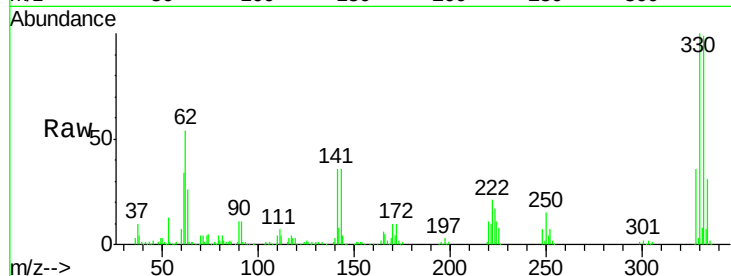




#41
 2,4,6-Tribromophenol
 Concen: 65.33 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089948.D
 Acq: 31 Aug 2016 14:12

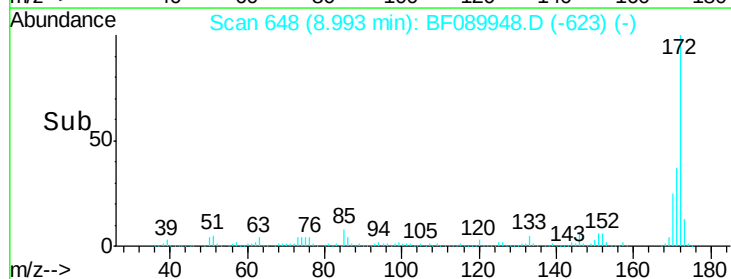
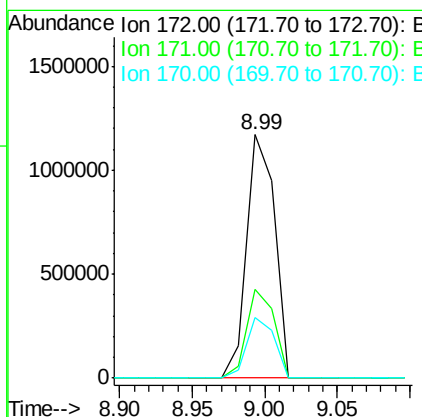
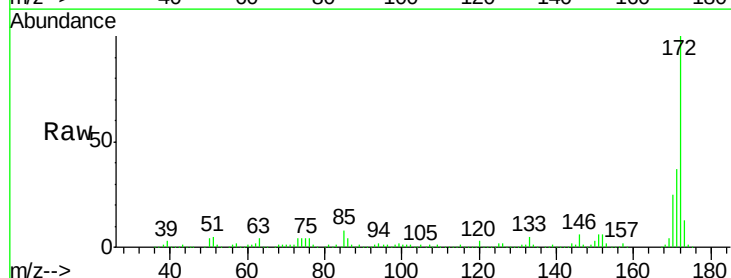
Instrument :
 BNA_F
 ClientSampleId :

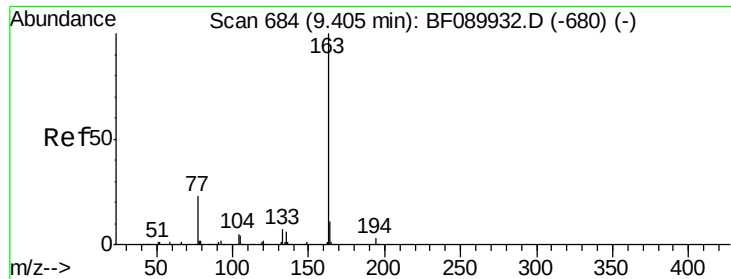
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.6	117.8
141	36.2	23.3	34.9#



#44
 2-Fluorobiphenyl
 Concen: 51.61 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF089948.D
 Acq: 31 Aug 2016 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	24.7	20.1	30.1





#49

Dimethylphthalate

Concen: 17.02 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF089948.D

Acq: 31 Aug 2016 14:12

Instrument :

BNA_F

ClientSampleId :

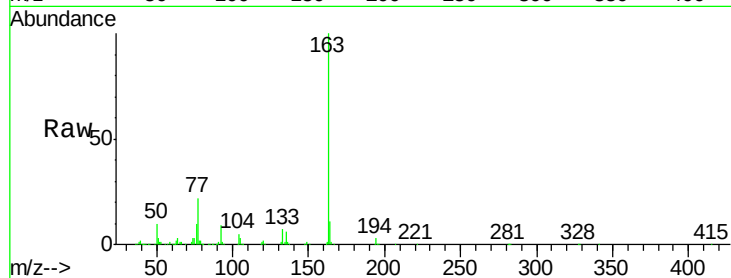
Tot Ion:163 Resp: 614593

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

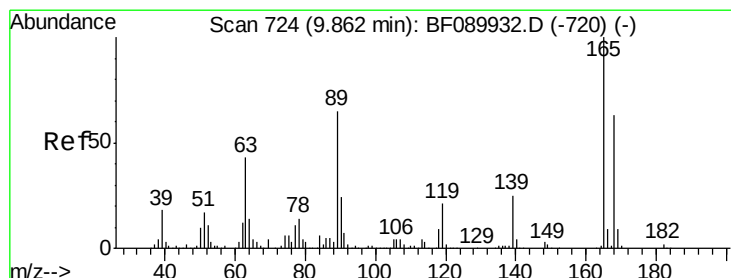
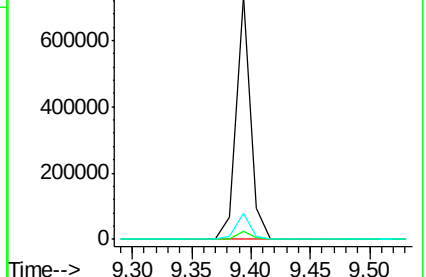
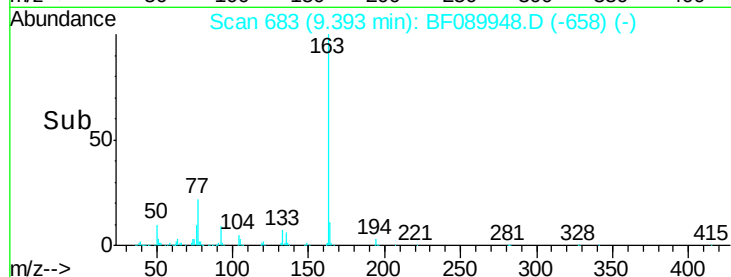
164 10.8 9.0 13.4



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: 6.20 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.19 min

Lab File: BF089948.D

Acq: 31 Aug 2016 14:12

Tgt Ion:165 Resp: 63143

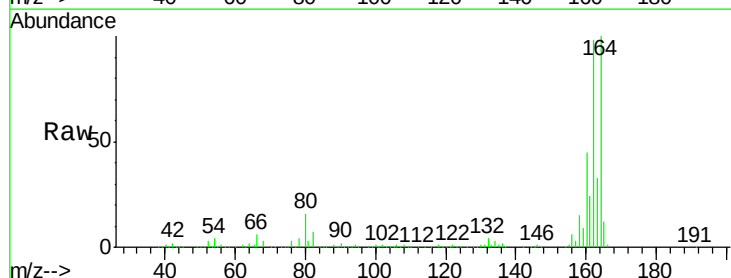
Ion Ratio Lower Upper

165 100

63 1.6 32.5 48.7#

89 1.3 48.3 72.5#

182 0.0 1.7 2.5#

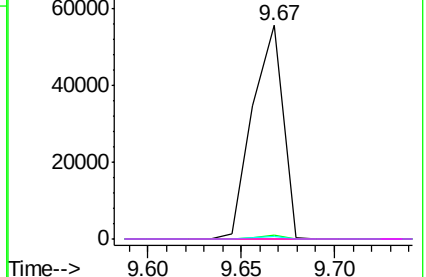
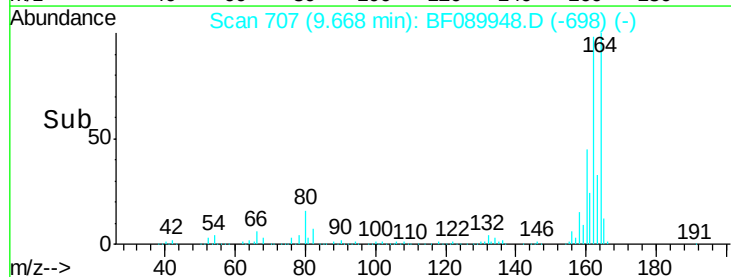


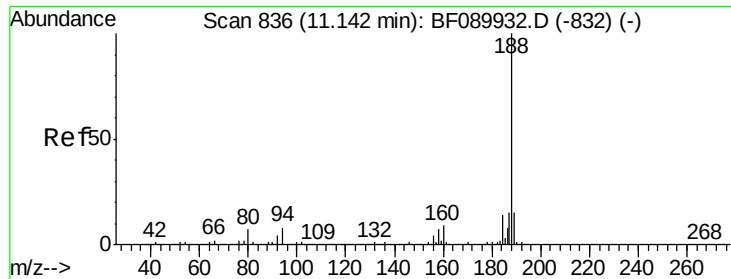
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF089948.D

Acq: 31 Aug 2016 14:12

Instrument :

BNA_F

ClientSampleId :

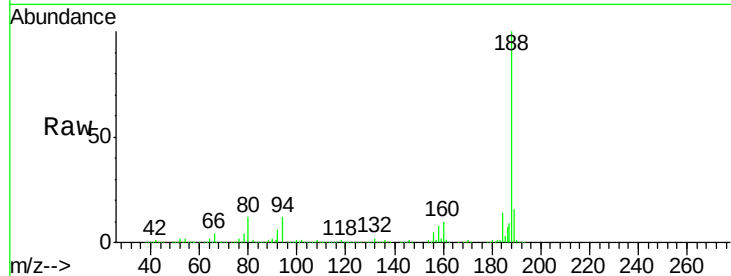
Tot Ion:188 Resp: 802014

Ion Ratio Lower Upper

188 100

94 12.0 5.9 8.9#

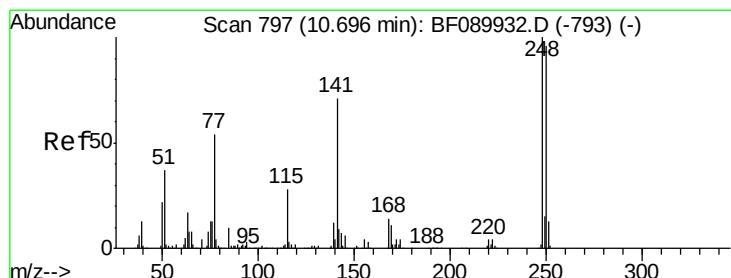
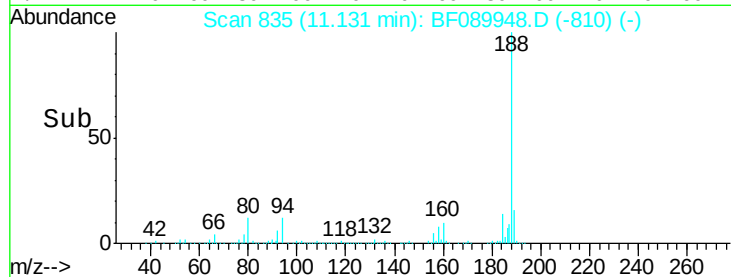
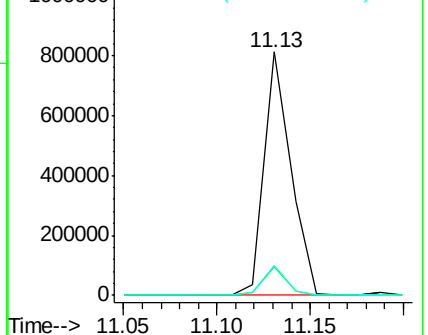
80 12.4 5.8 8.8#



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: 2.76 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.25 min

Lab File: BF089948.D

Acq: 31 Aug 2016 14:12

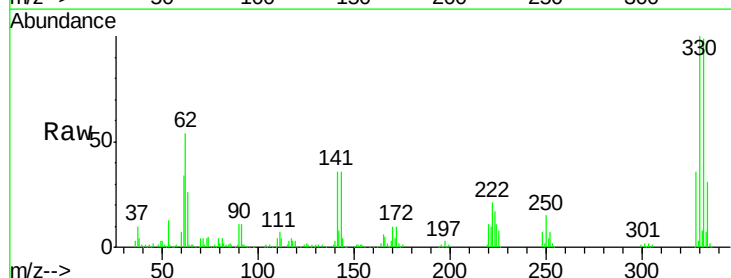
Tgt Ion:248 Resp: 22282

Ion Ratio Lower Upper

248 100

250 202.4 77.3 115.9#

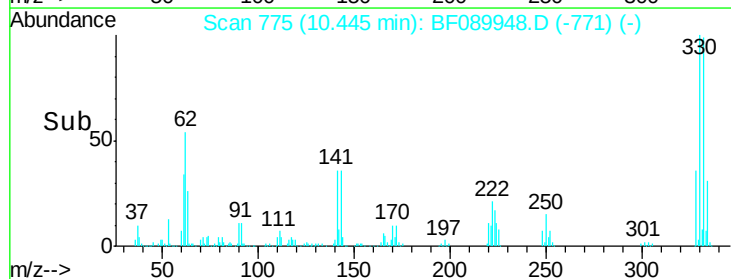
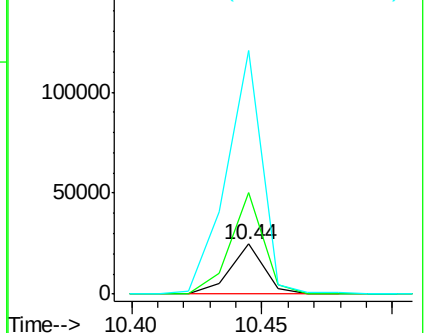
141 487.7 55.8 83.8#

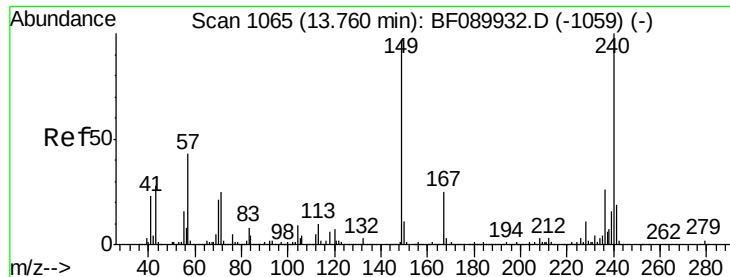


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF089948.D

Acq: 31 Aug 2016 14:12

Instrument :

BNA_F

ClientSampled :

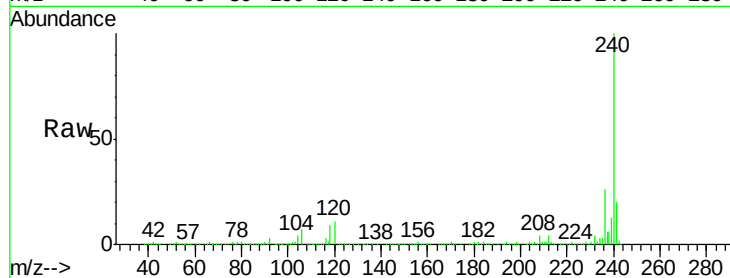
Tot Ion:240 Resp: 606583

Ion Ratio Lower Upper

240 100

120 10.7 5.7 8.5#

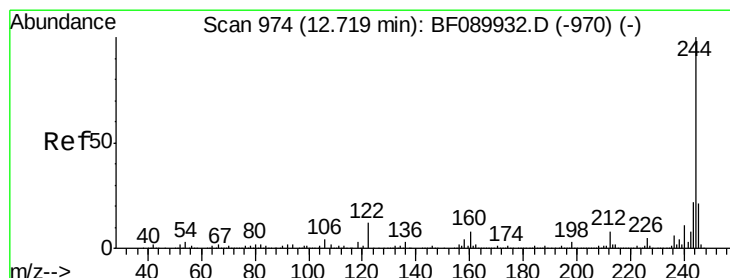
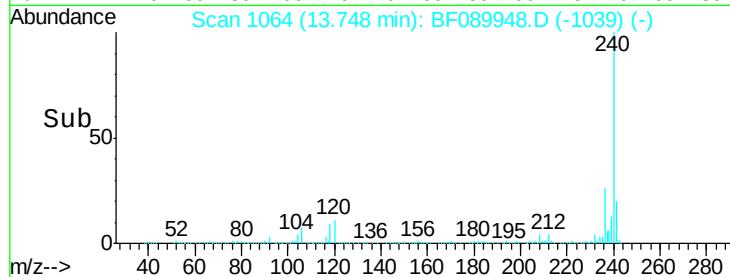
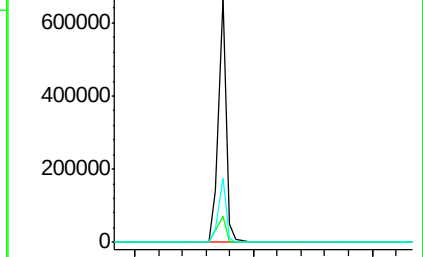
236 26.4 21.3 31.9



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: 49.86 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF089948.D

Acq: 31 Aug 2016 14:12

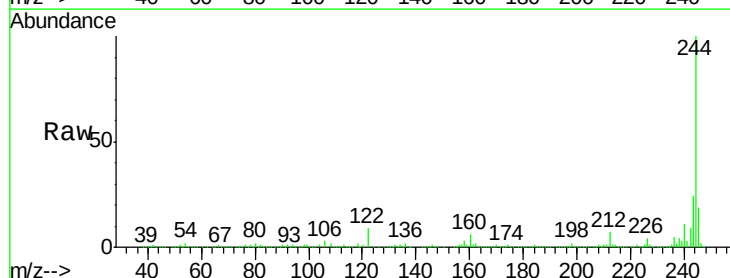
Tgt Ion:244 Resp: 1224254

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

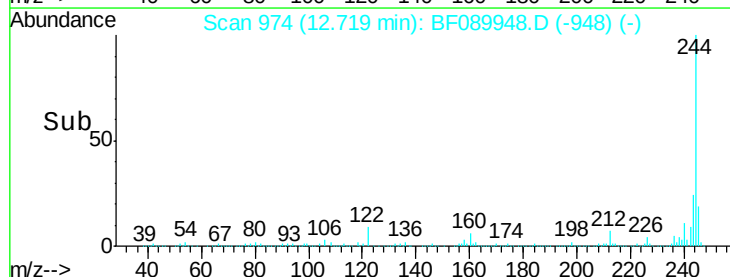
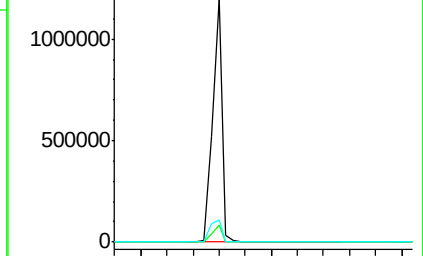
122 9.4 9.6 14.4#

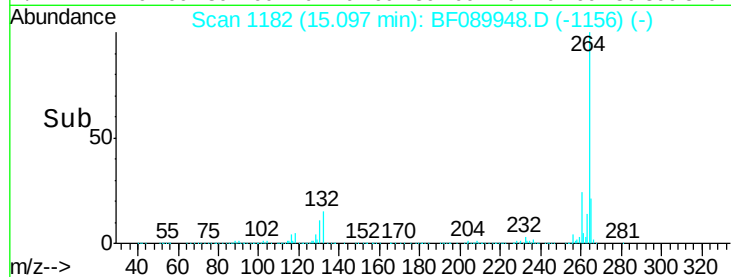
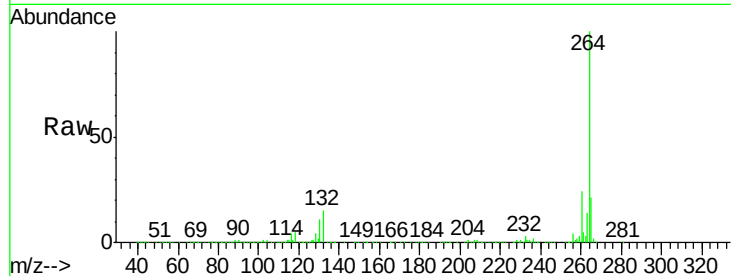
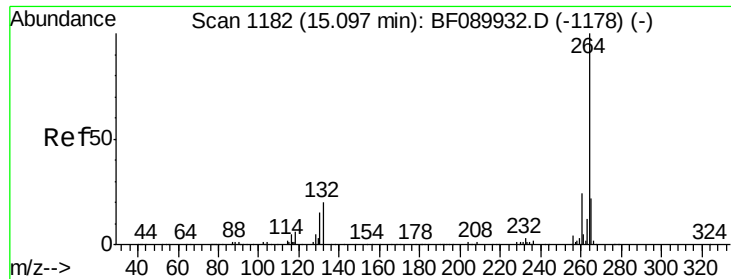


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089948.D
Acq: 31 Aug 2016 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.2	17.4	26.2

