

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081716\
 Data File : BF089764.D
 Acq On : 17 Aug 2016 15:49
 Operator : UM/SJ
 Sample : H4476-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-16A

Quant Time: Aug 17 16:26:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

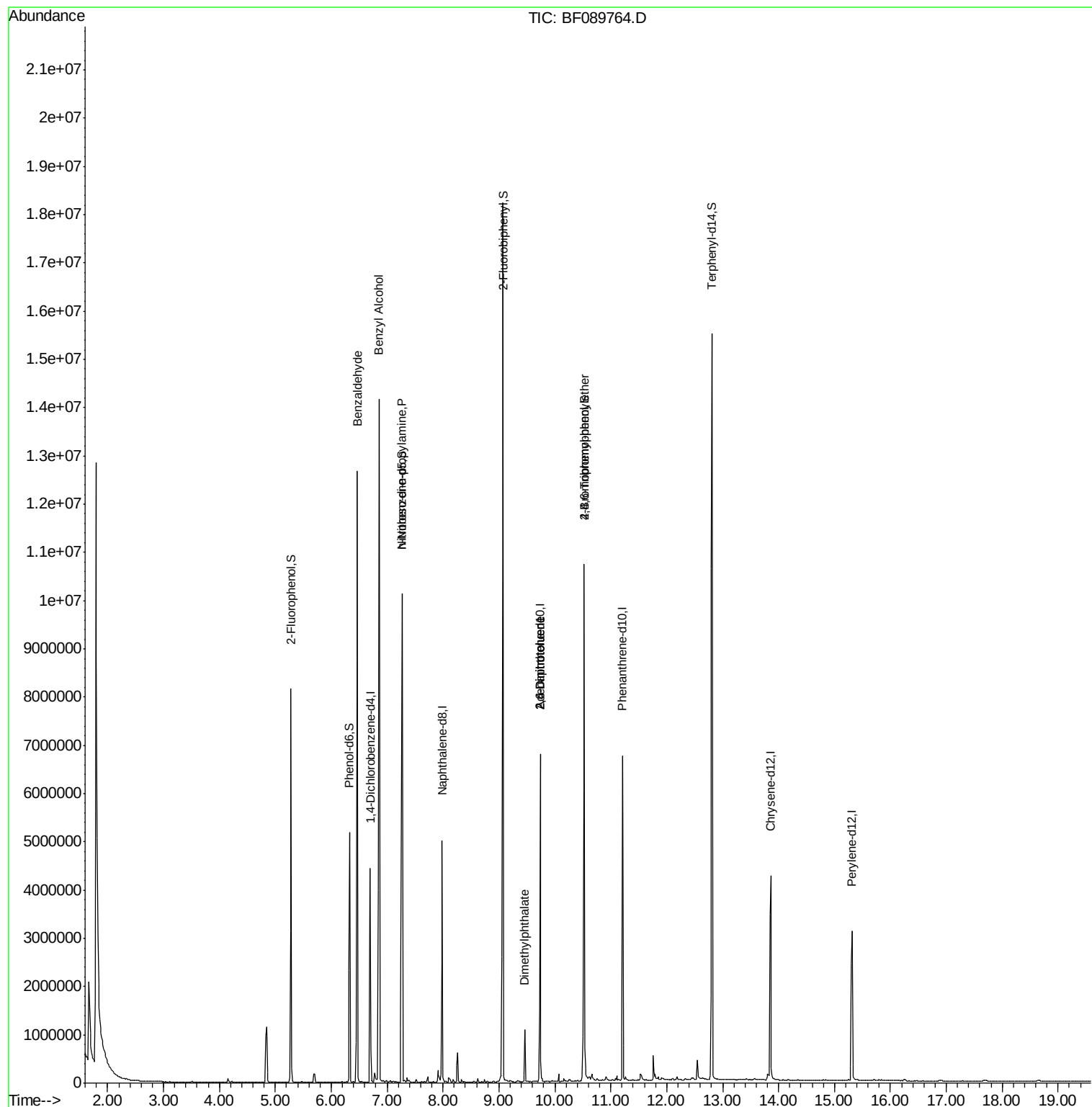
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	627982	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2657847	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1285779	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2228898	20.00	ng	0.00
75) Chrysene-d12	13.86	240	1983265	20.00	ng	-0.03
86) Perylene-d12	15.31	264	1586310	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2398030	63.71	ng	0.00
7) Phenol-d6	6.33	99	2024754	42.29	ng	0.00
23) Nitrobenzene-d5	7.27	82	4016653	92.28	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1578709	126.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6739720	84.11	ng	0.00
78) Terphenyl-d14	12.81	244	5673486	85.46	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	104432	3.29	ng	92
15) Benzyl Alcohol	6.86	79	66321	2.07	ng	# 46
19) n-Nitroso-di-n-propylamine	7.27	70	569470	18.16	ng	# 74
49) Dimethylphthalate	9.46	163	408711	4.39	ng	98
50) 2,6-Dinitrotoluene	9.74	165	172035	8.17	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	172039	6.36	ng	# 35
66) 4-Bromophenyl-phenylether	10.52	248	98351	4.26	ng	# 1

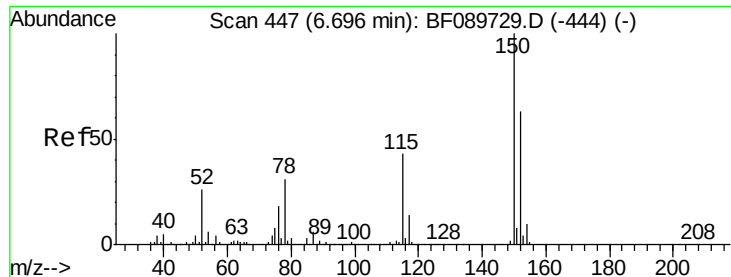
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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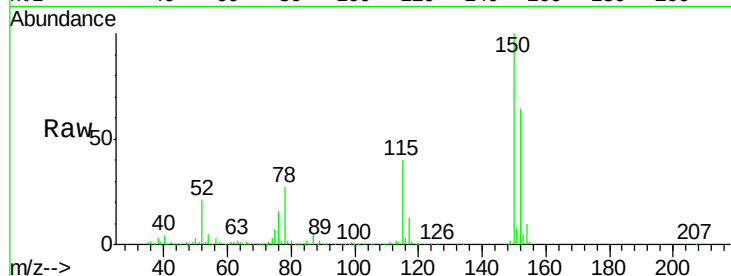


#1

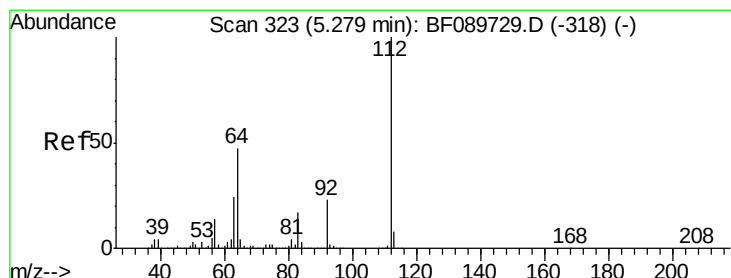
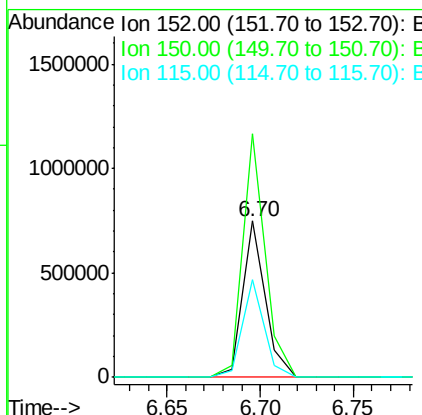
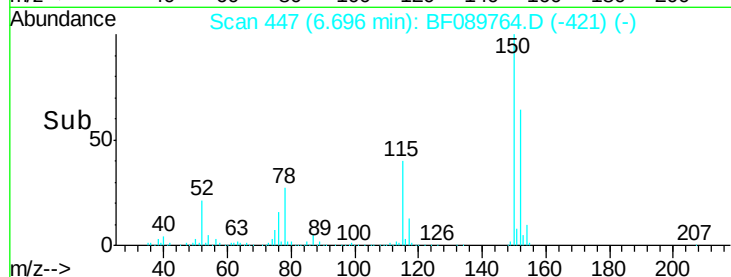
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089764.D
Acq: 17 Aug 2016 15:49

Instrument :
BNA_F
ClientSampleId :
LOCATION-16A

Tgt Ion:152 Resp: 627982
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 62.9 40.9 61.3#



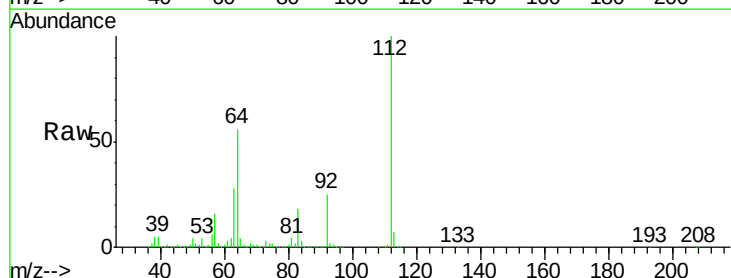
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



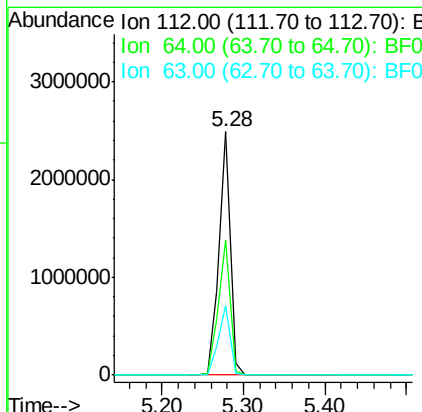
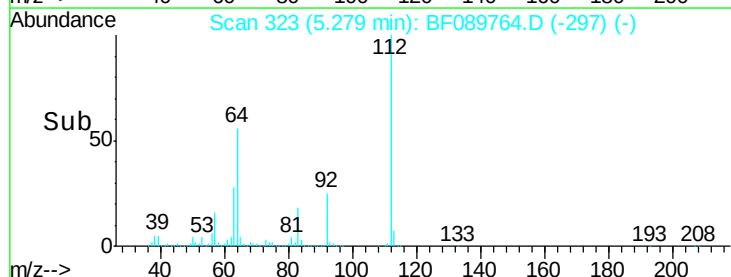
#5

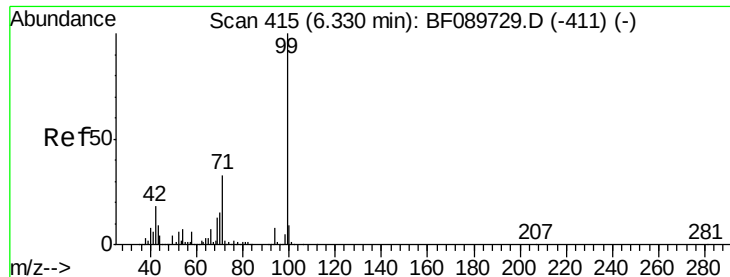
2-Fluorophenol
Concen: 63.71 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089764.D
Acq: 17 Aug 2016 15:49

Tgt Ion:112 Resp: 2398030
Ion Ratio Lower Upper
112 100
64 55.5 45.0 67.4
63 28.3 23.1 34.7



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: 42.29 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

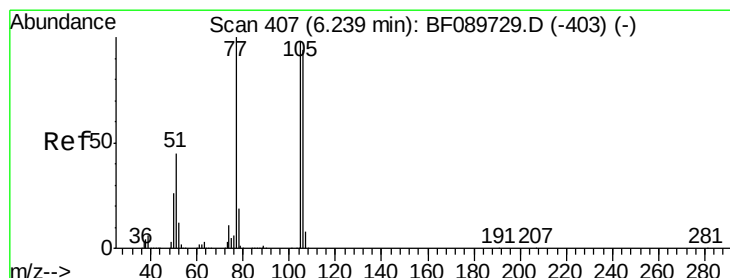
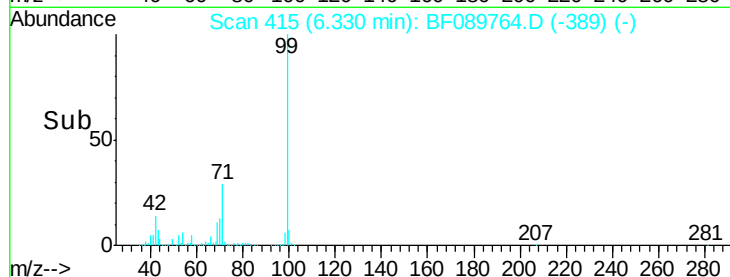
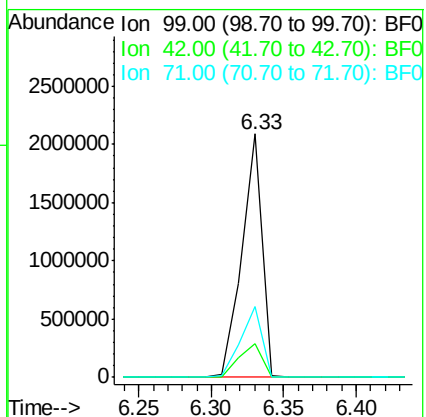
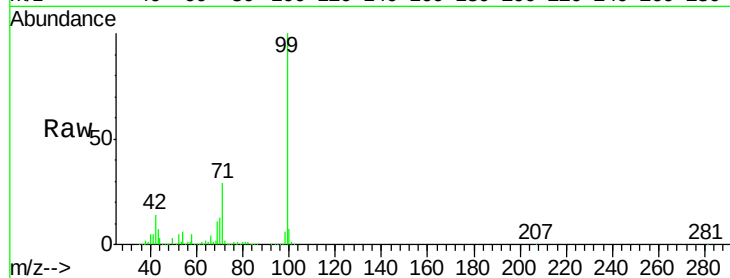
Tgt Ion: 99 Resp: 2024754

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.4

71 28.9 23.8 35.8



#9

Benzaldehyde

Concen: 3.29 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

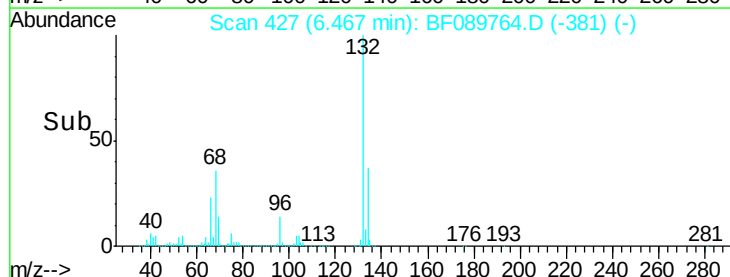
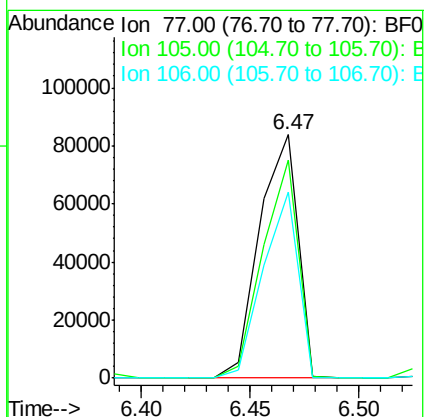
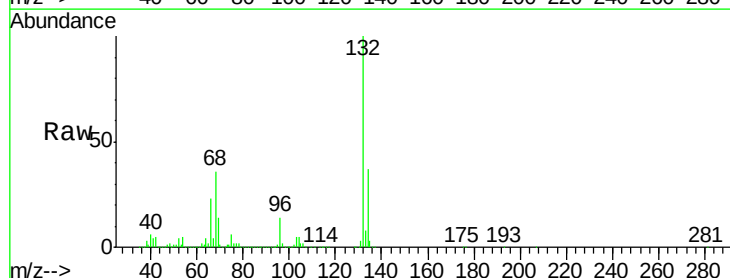
Tgt Ion: 77 Resp: 104432

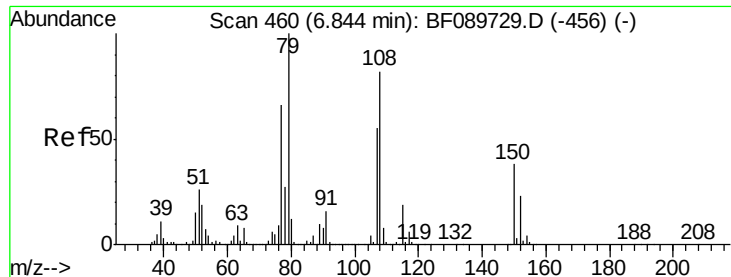
Ion Ratio Lower Upper

77 100

105 89.6 73.3 113.3

106 76.5 68.6 108.6





#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

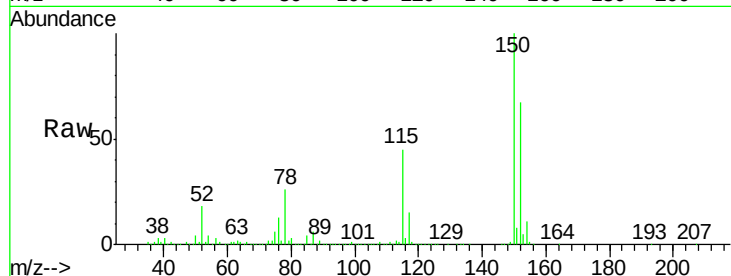
Tgt Ion: 79 Resp: 66321

Ion Ratio Lower Upper

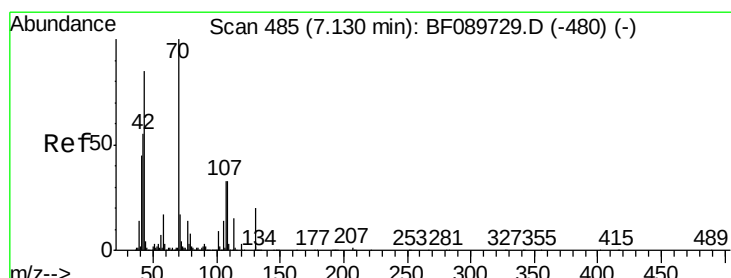
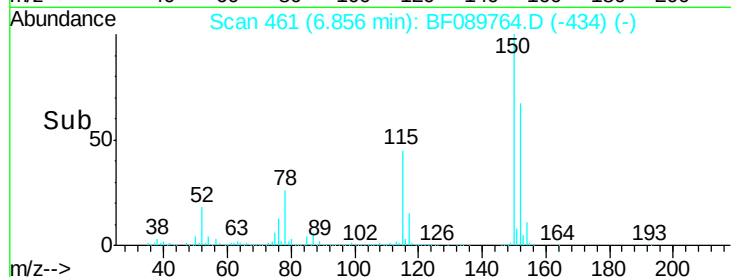
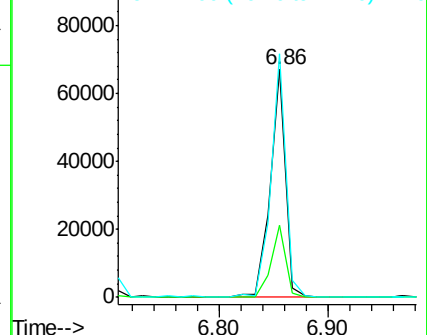
79 100

108 31.9 62.5 93.7#

77 106.8 51.5 77.3#



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: 18.16 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.14 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Tgt Ion: 70 Resp: 569470

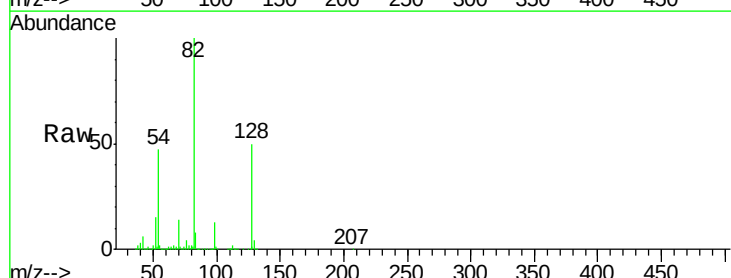
Ion Ratio Lower Upper

70 100

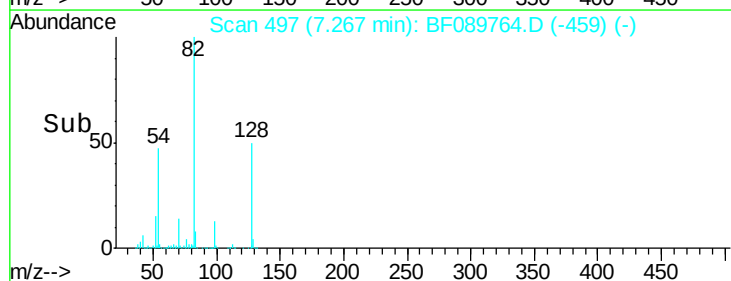
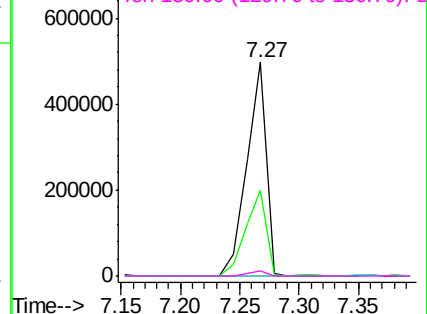
42 40.3 46.3 69.5#

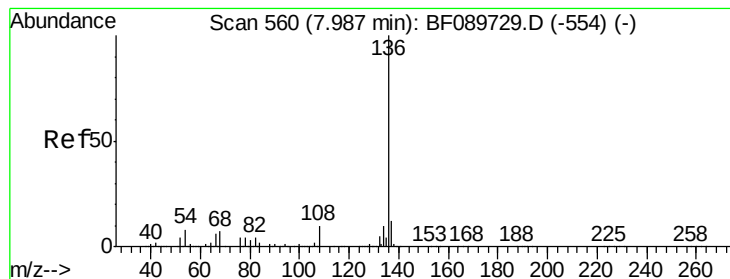
101 0.0 7.0 10.6#

130 2.5 14.4 21.6#



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: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

Tgt Ion:136 Resp: 2657847

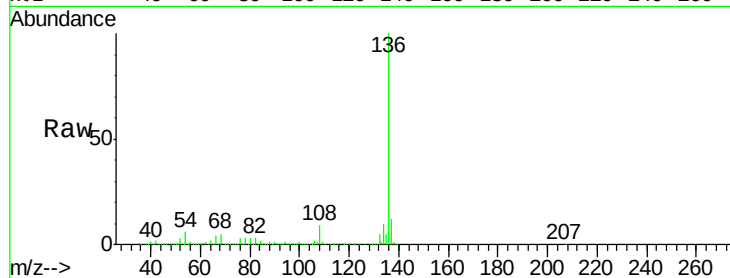
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 5.7 7.2 10.8#

68 5.1 5.8 8.8#

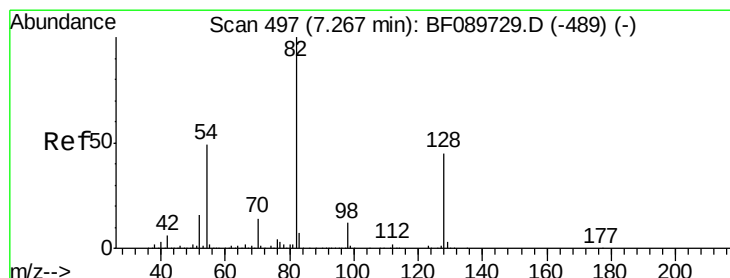
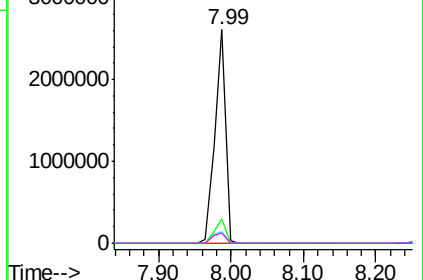
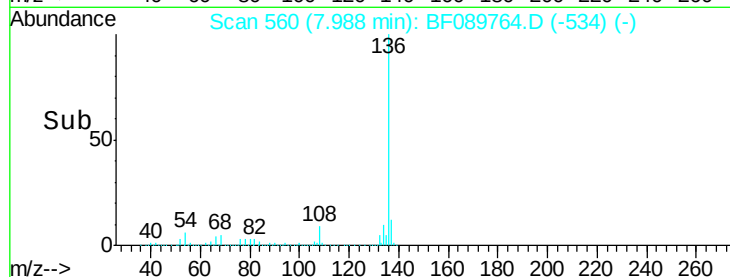


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.28 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

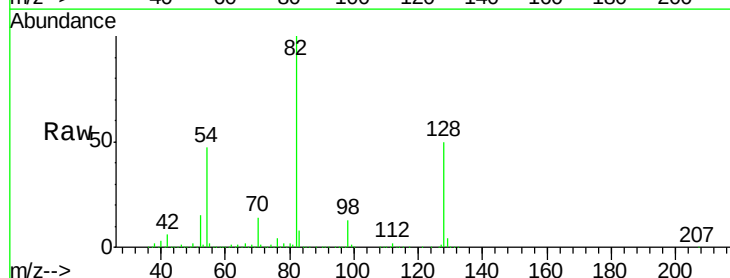
Tgt Ion: 82 Resp: 4016653

Ion Ratio Lower Upper

82 100

128 49.7 34.4 51.6

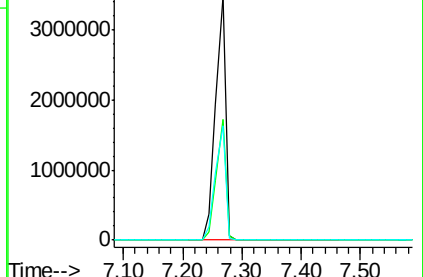
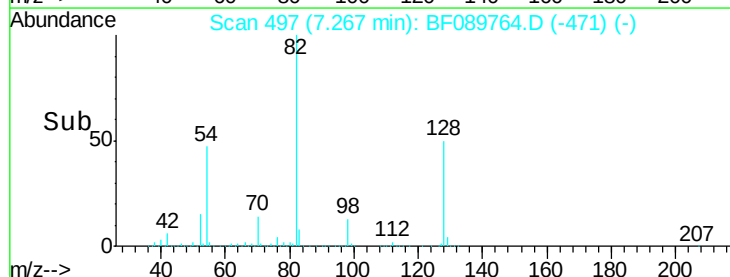
54 47.1 40.3 60.5

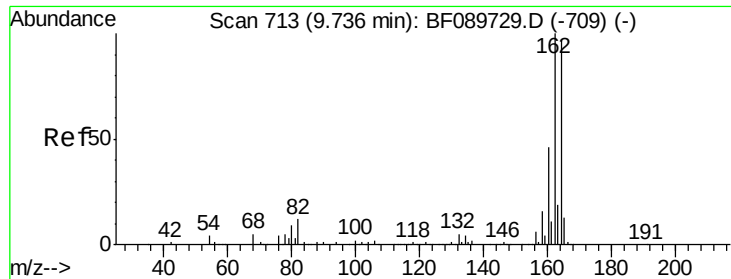


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

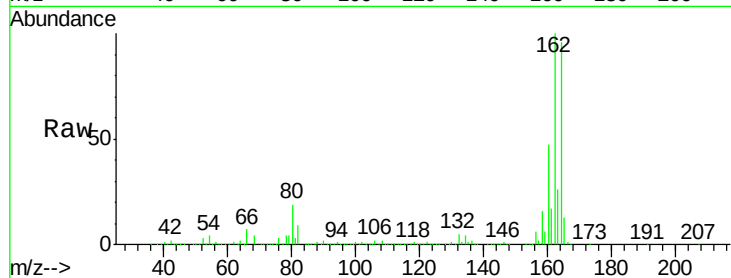
Tgt Ion:164 Resp: 1285779

Ion Ratio Lower Upper

164 100

162 104.2 81.4 122.2

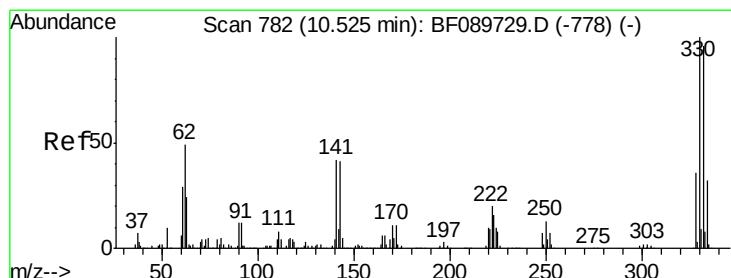
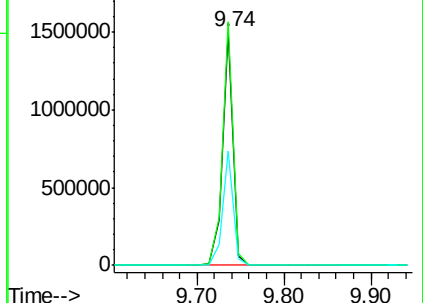
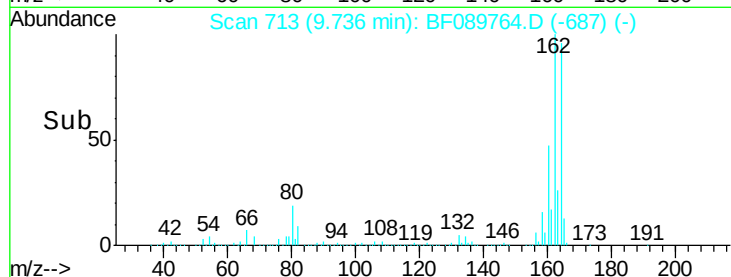
160 48.7 37.8 56.6



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: 126.92 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

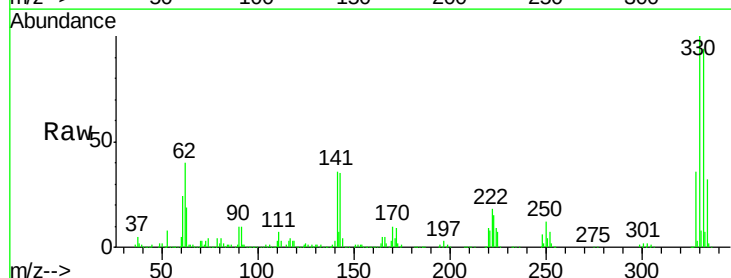
Tgt Ion:330 Resp: 1578709

Ion Ratio Lower Upper

330 100

332 94.7 76.7 115.1

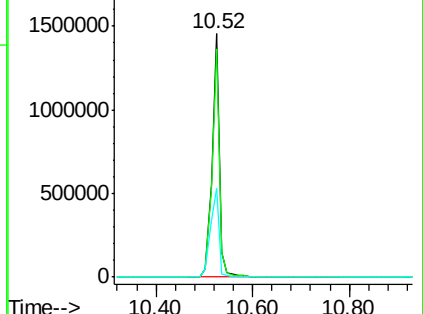
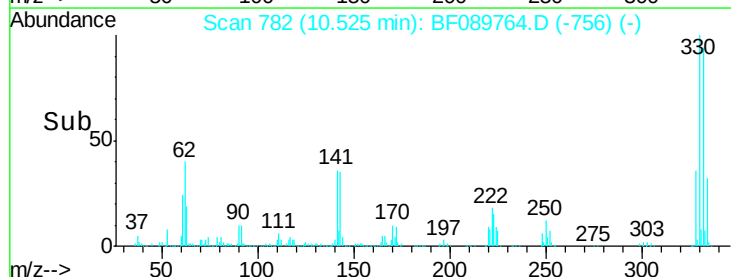
141 42.1 30.2 45.2

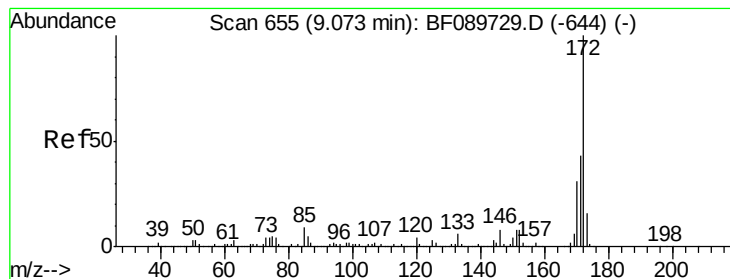


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 84.11 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Instrument :

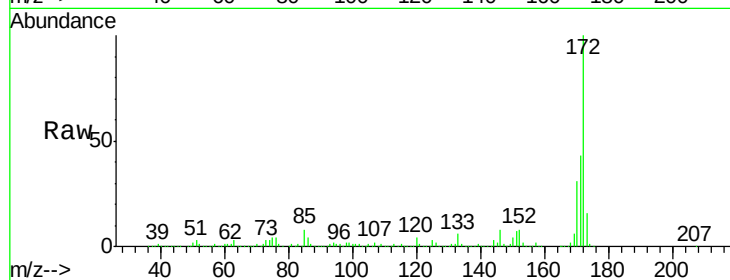
BNA_F

ClientSampleId :

LOCATION-16A

Tgt Ion:172 Resp: 6739720

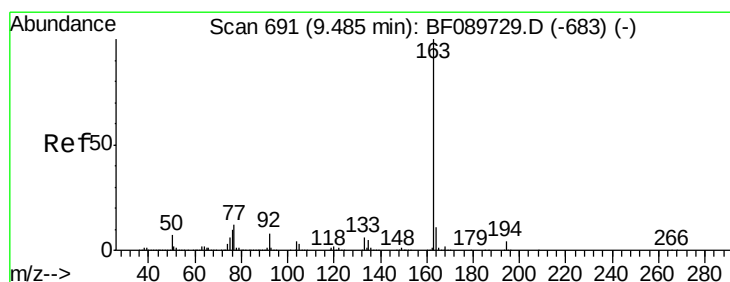
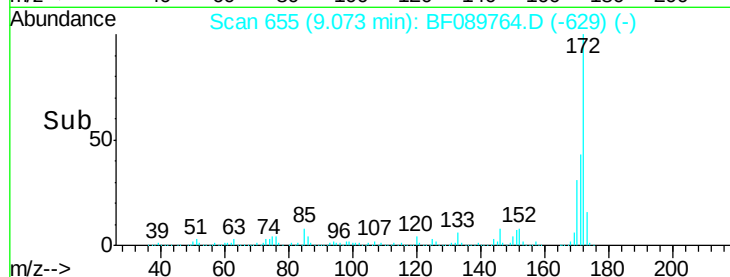
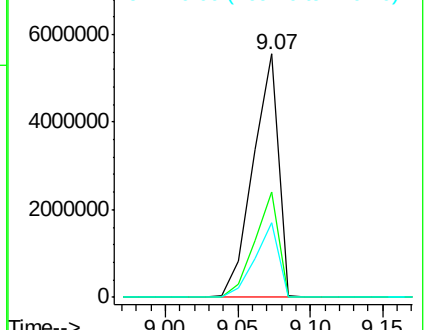
Ion	Ratio	Lower	Upper
172	100		
171	43.1	30.5	45.7
170	30.6	20.6	31.0



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: 4.39 ng

RT: 9.46 min Scan# 689

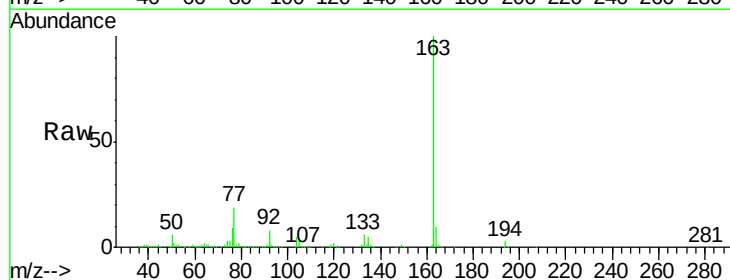
Delta R.T. -0.02 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Tgt Ion:163 Resp: 408711

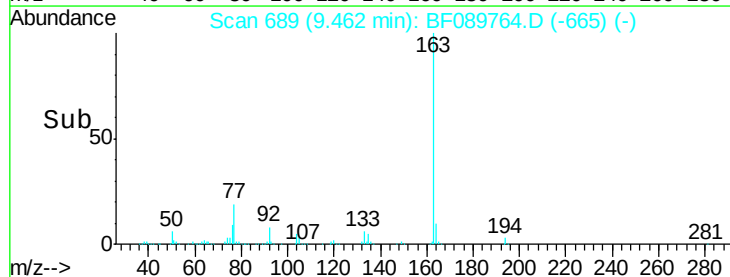
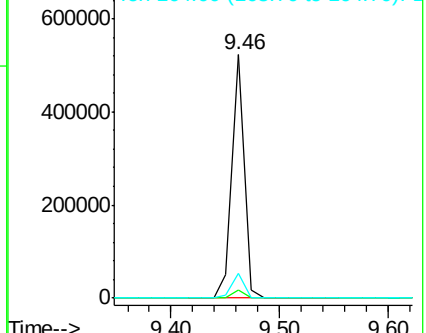
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	3.8
164	9.9	8.6	12.8

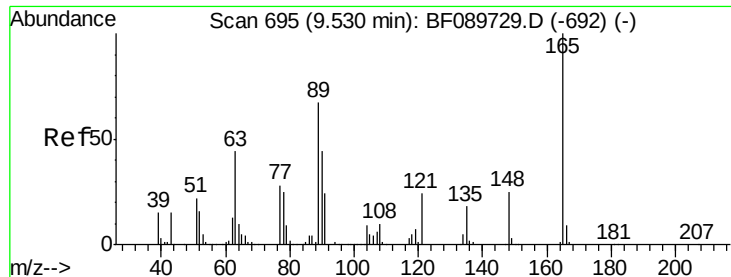


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 8.17 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.21 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

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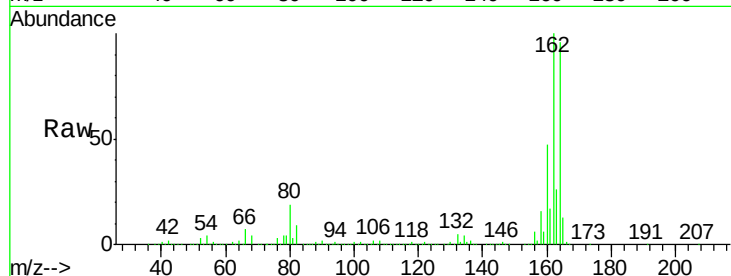
Tgt Ion:165 Resp: 172035

Ion Ratio Lower Upper

165 100

63 1.2 41.7 62.5#

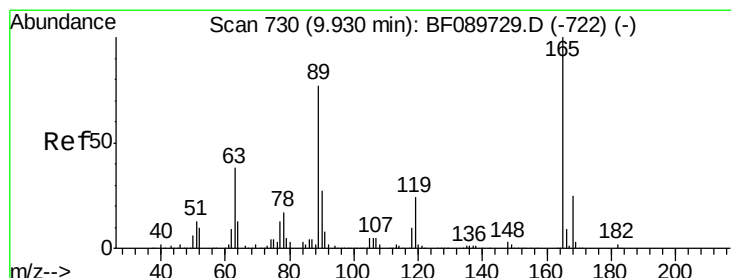
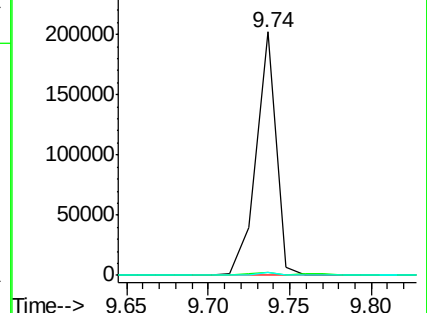
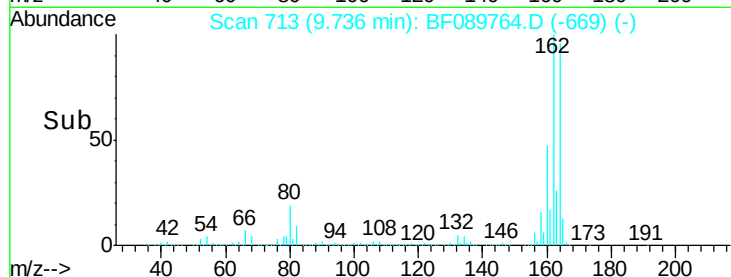
89 1.4 44.6 67.0#



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



#56

2,4-Dinitrotoluene

Concen: 6.36 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.19 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Tgt Ion:165 Resp: 172039

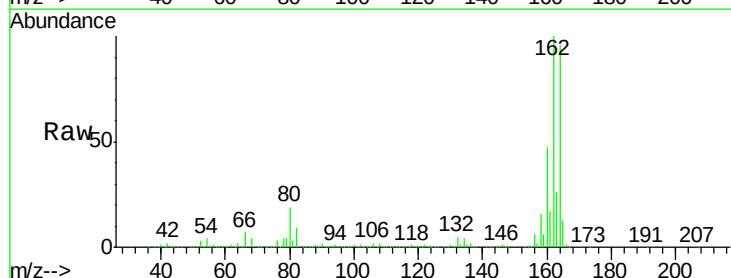
Ion Ratio Lower Upper

165 100

63 1.2 23.7 35.5#

89 1.4 44.0 66.0#

182 0.0 2.0 3.0#

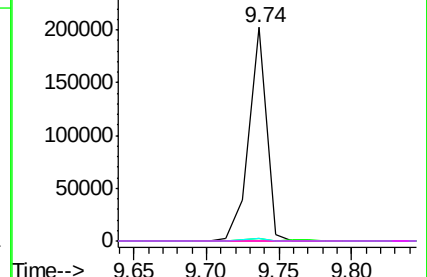
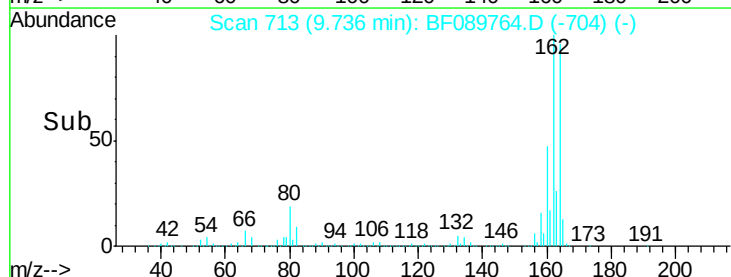


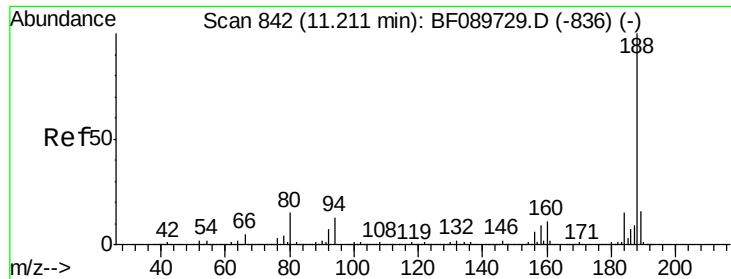
Abundance Ion 165.00 (164.70 to 165.70): E

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

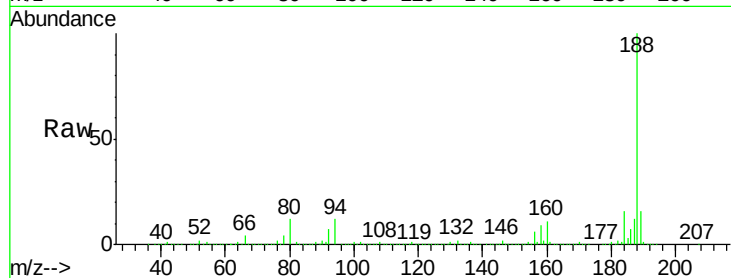




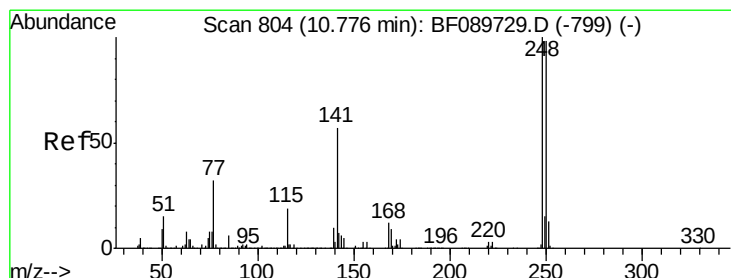
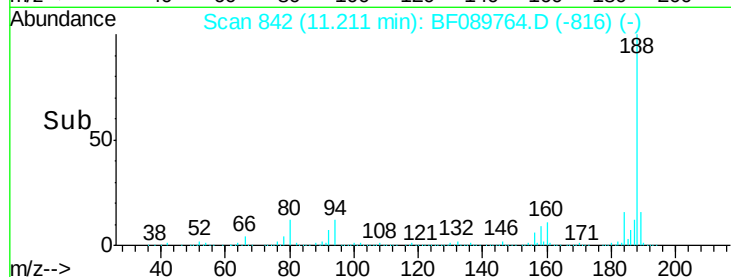
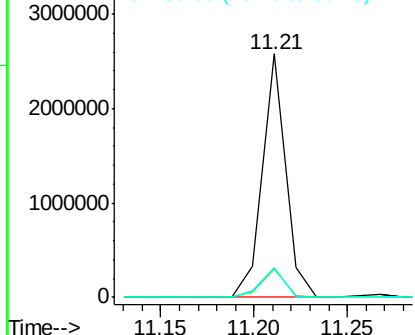
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089764.D
 Acq: 17 Aug 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-16A

Tgt Ion:188 Resp: 2228898
 Ion Ratio Lower Upper
 188 100
 94 11.9 10.2 15.2
 80 12.3 10.9 16.3

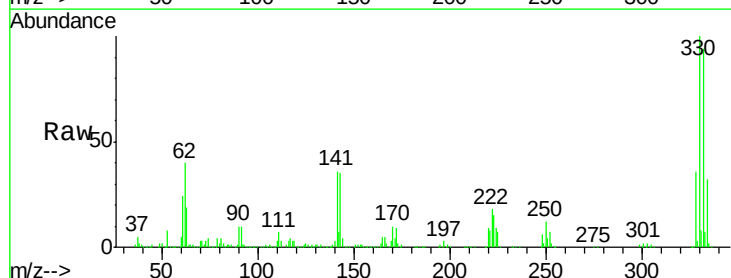


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

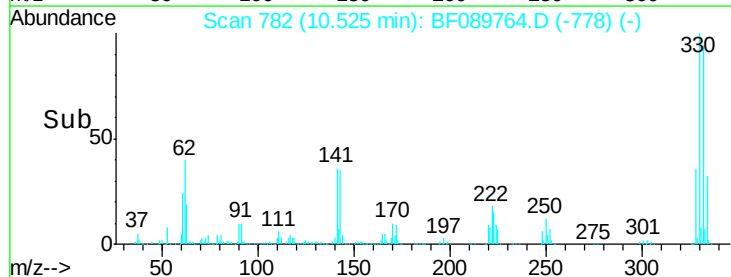
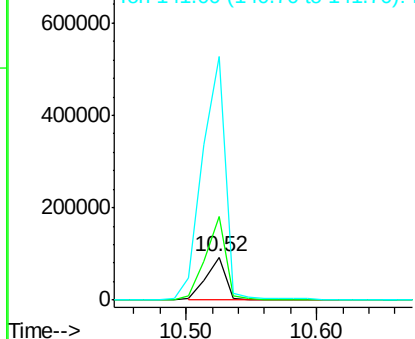


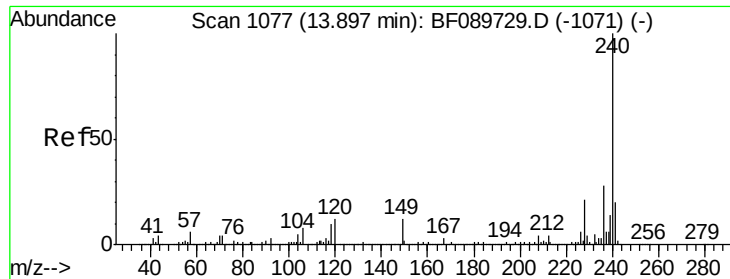
#66
 4-Bromophenyl-phenylether
 Concen: 4.26 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.25 min
 Lab File: BF089764.D
 Acq: 17 Aug 2016 15:49

Tgt Ion:248 Resp: 98351
 Ion Ratio Lower Upper
 248 100
 250 194.4 78.6 117.8#
 141 566.0 31.4 47.2#



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: 13.86 min Scan# 1074

Delta R.T. -0.03 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

Instrument :

BNA_F

ClientSampleId :

LOCATION-16A

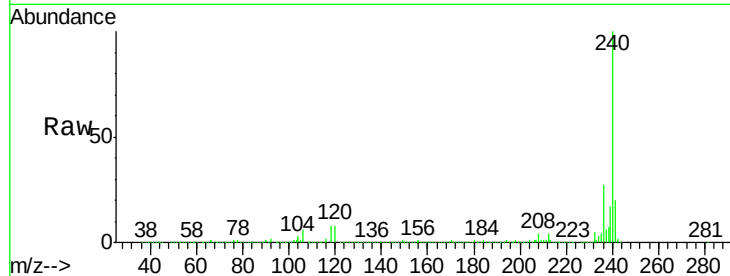
Tgt Ion:240 Resp: 1983265

Ion Ratio Lower Upper

240 100

120 8.3 8.3 12.5

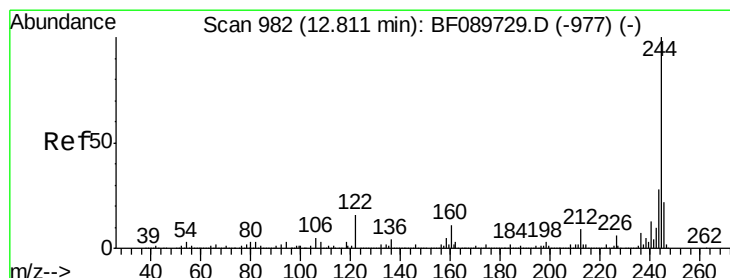
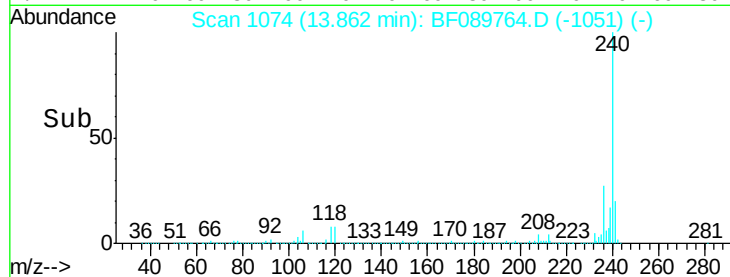
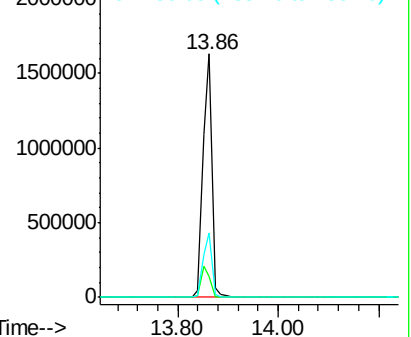
236 26.6 21.3 31.9



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: 85.46 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089764.D

Acq: 17 Aug 2016 15:49

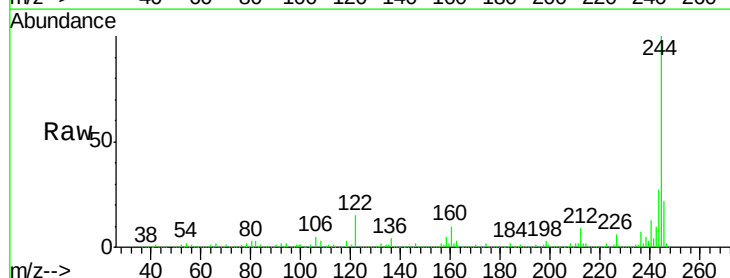
Tgt Ion:244 Resp: 5673486

Ion Ratio Lower Upper

244 100

212 9.4 6.3 9.5

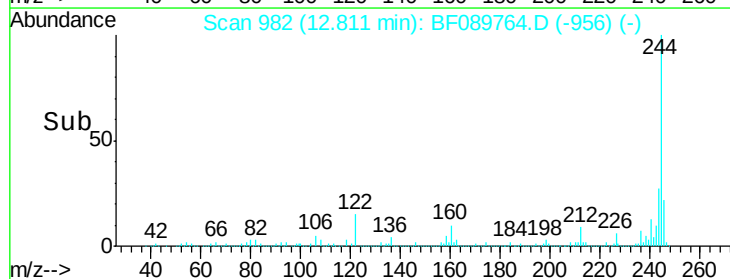
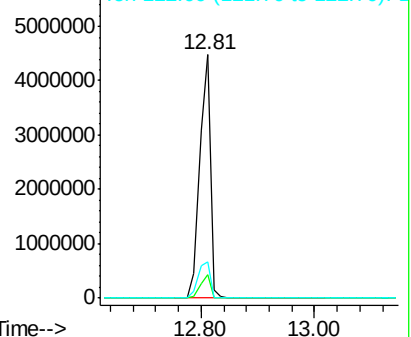
122 15.1 12.0 18.0

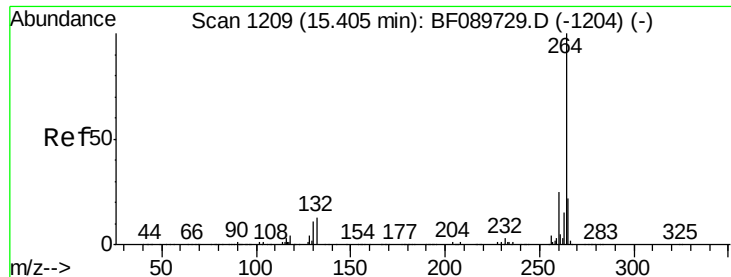


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.09 min
Lab File: BF089764.D
Acq: 17 Aug 2016 15:49

Instrument :
BNA_F
ClientSampleId :
LOCATION-16A

Tgt Ion: 264 Resp: 1586310

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.2
265	22.1	17.4	26.2

