

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081716\
 Data File : BF089769.D
 Acq On : 17 Aug 2016 18:07
 Operator : UM/SJ
 Sample : H4476-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-45A

Quant Time: Aug 17 18:48:28 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

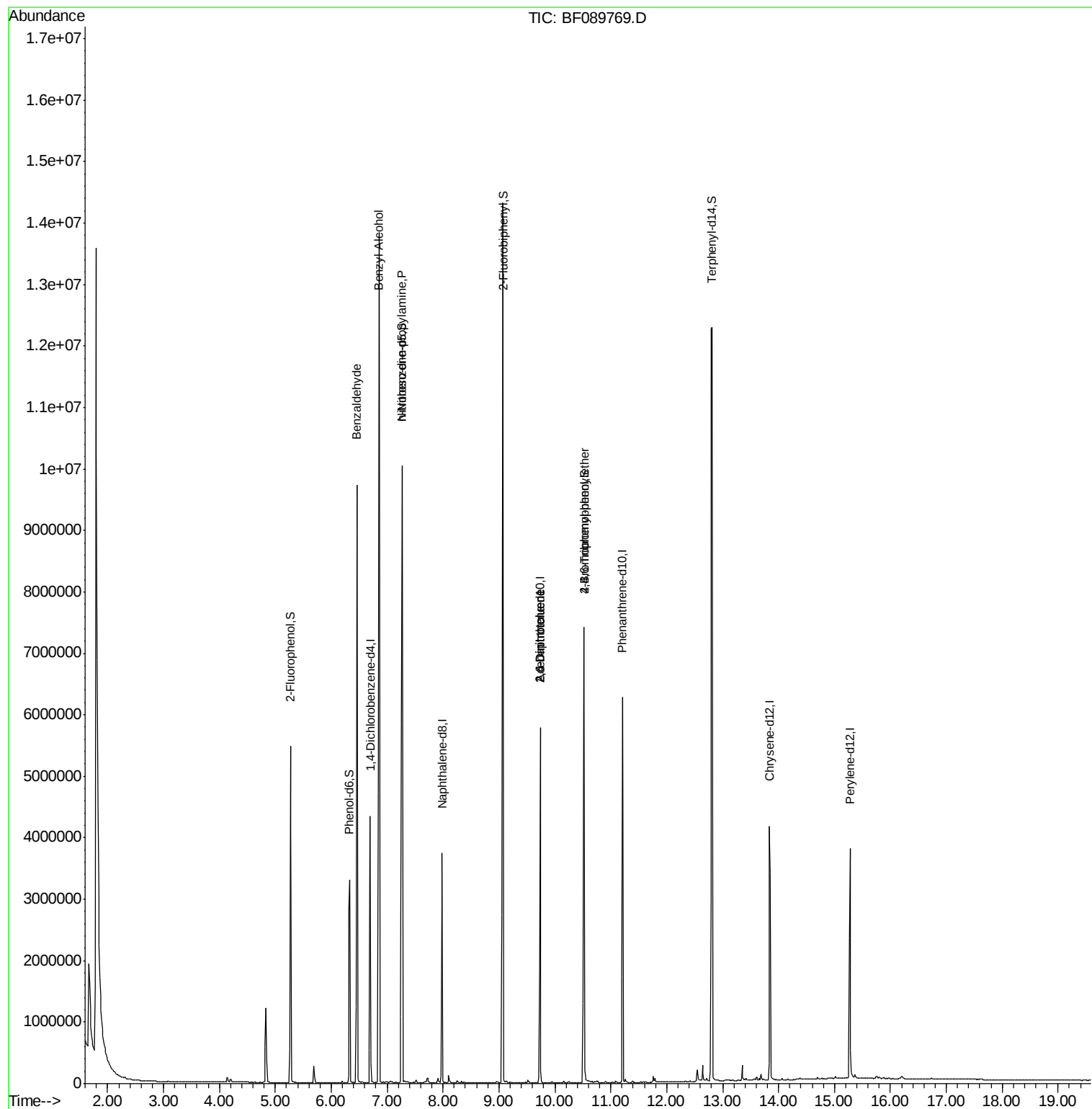
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	611171	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2346718	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1172918	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2208926	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1907513	20.00	ng	-0.06
86) Perylene-d12	15.28	264	1736868	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2194533	59.91	ng	-0.01
7) Phenol-d6	6.33	99	1695971	36.40	ng	0.00
23) Nitrobenzene-d5	7.27	82	4044789	105.25	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1516890	133.68	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6643788	90.89	ng	0.00
78) Terphenyl-d14	12.81	244	5859776	91.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	89773	2.91	ng	# 79
15) Benzyl Alcohol	6.86	79	63940	2.05	ng	# 47
19) n-Nitroso-di-n-propylamine	7.27	70	566648	18.57	ng	# 72
50) 2,6-Dinitrotoluene	9.74	165	155807	8.11	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	155811	6.31	ng	# 35
66) 4-Bromophenyl-phenylether	10.52	248	88567	3.87	ng	# 1

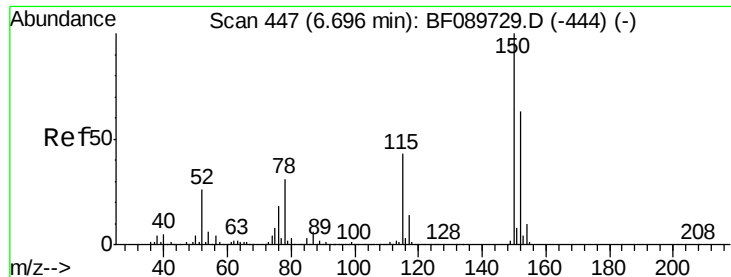
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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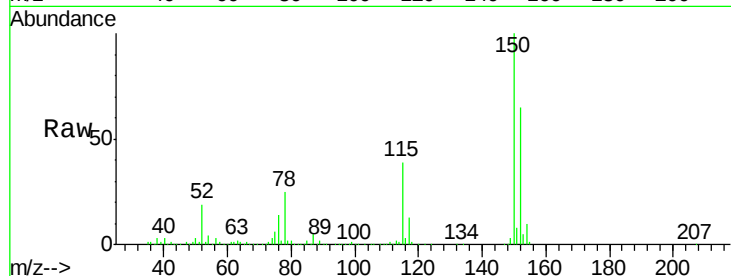


#1

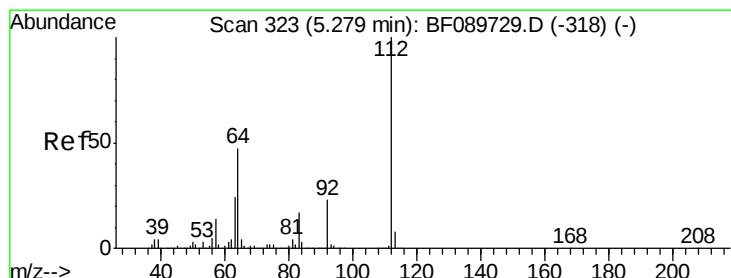
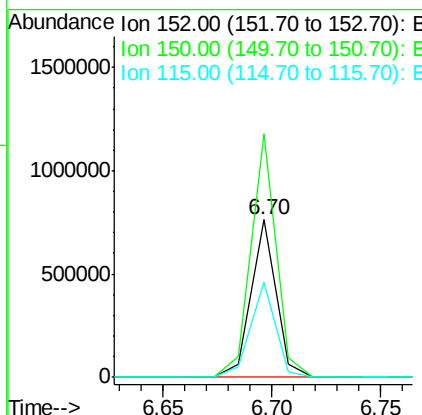
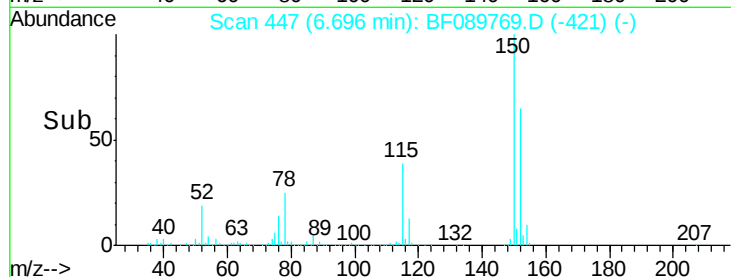
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-45A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.3	187.9
115	60.5	40.9	61.3



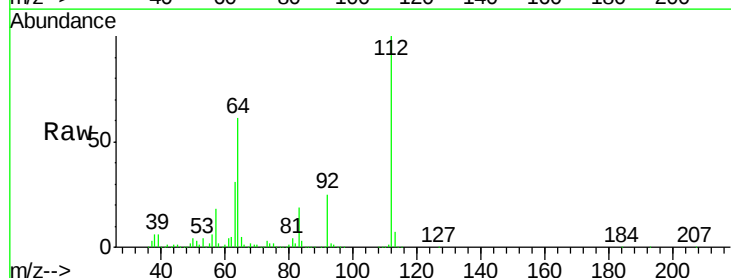
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



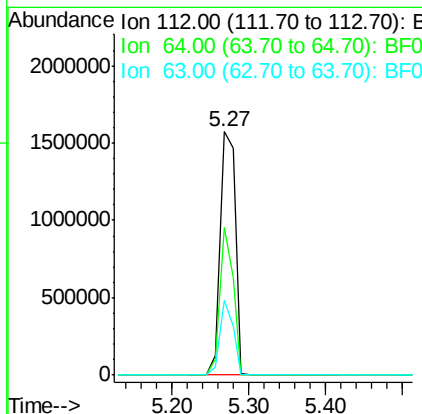
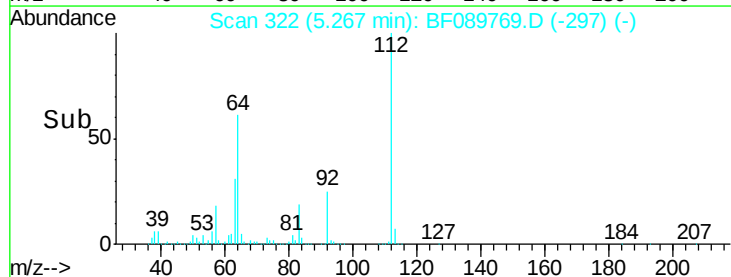
#5

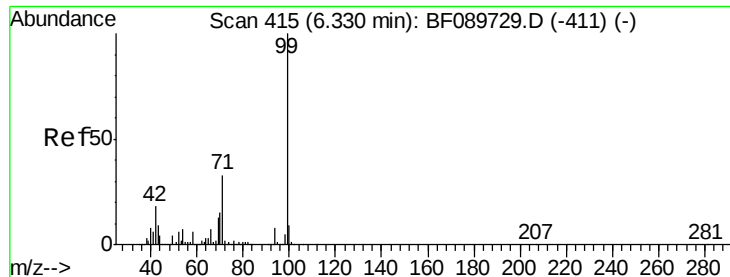
2-Fluorophenol
 Concen: 59.91 ng
 RT: 5.27 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	45.0	67.4
63	30.8	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: 36.40 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089769.D

Acq: 17 Aug 2016 18:07

Instrument :

BNA_F

ClientSampleId :

LOCATION-45A

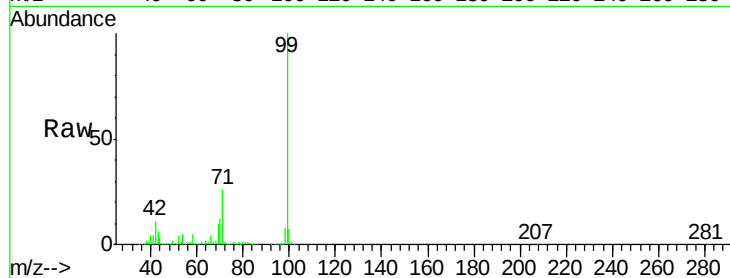
Tgt Ion: 99 Resp: 1695971

Ion Ratio Lower Upper

99 100

42 11.4 12.2 18.4#

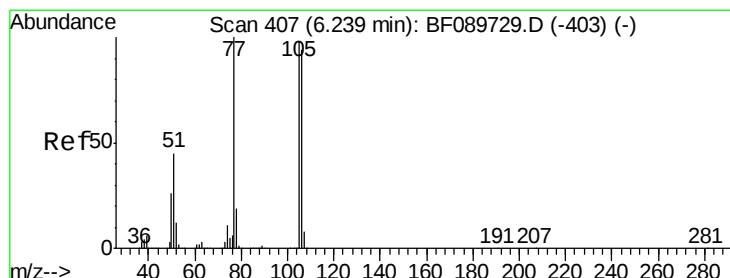
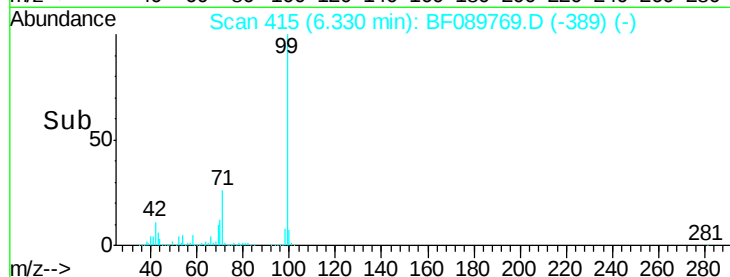
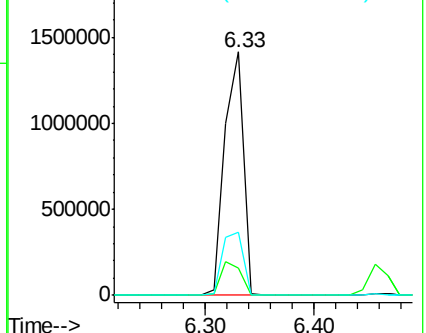
71 25.9 23.8 35.8



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



#9

Benzaldehyde

Concen: 2.91 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.22 min

Lab File: BF089769.D

Acq: 17 Aug 2016 18:07

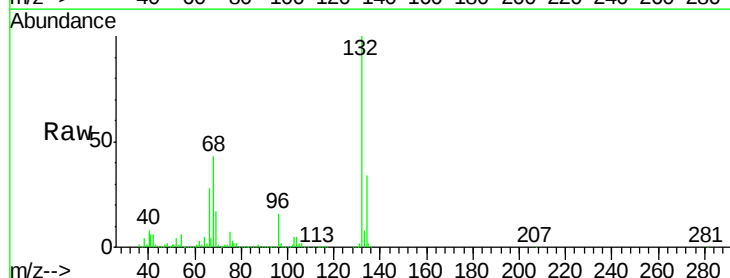
Tgt Ion: 77 Resp: 89773

Ion Ratio Lower Upper

77 100

105 77.5 73.3 113.3

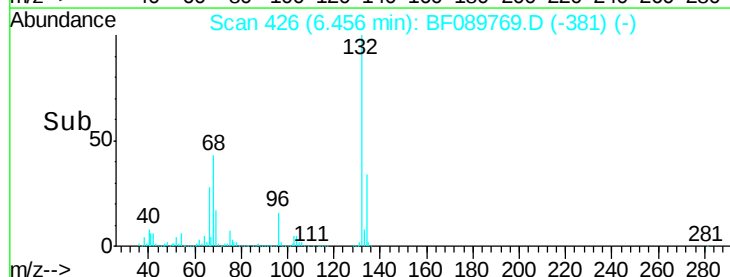
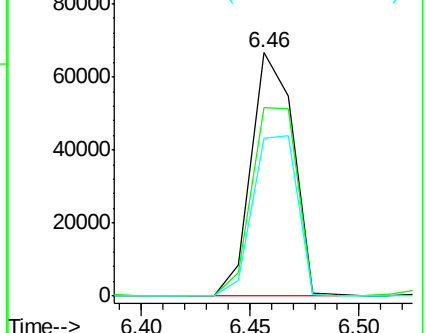
106 64.7 68.6 108.6#

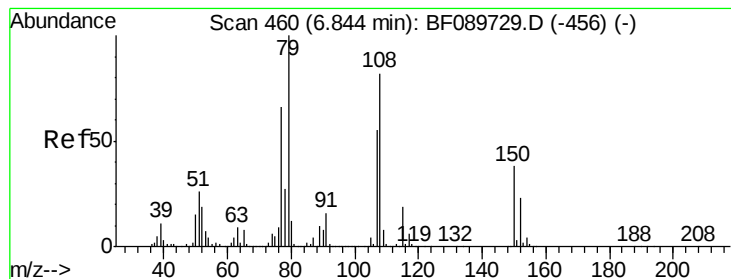


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF089769.D

Acq: 17 Aug 2016 18:07

Instrument :

BNA_F

ClientSampleId :

LOCATION-45A

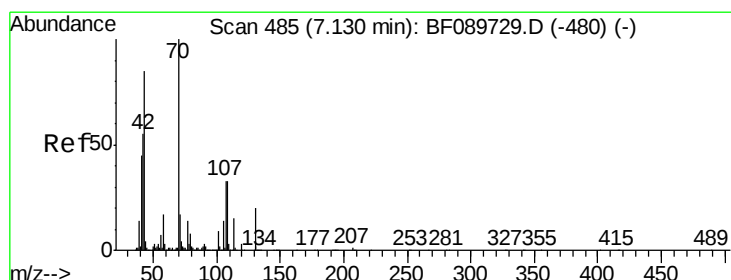
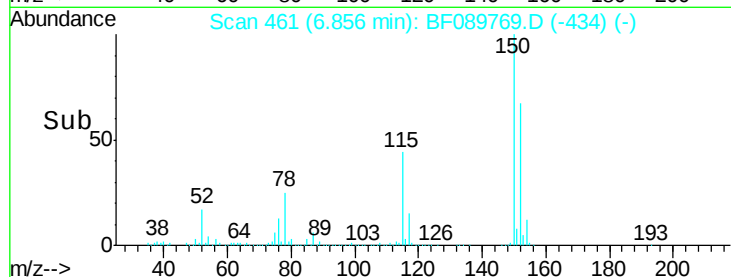
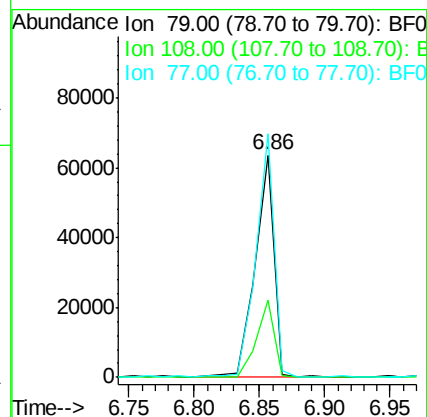
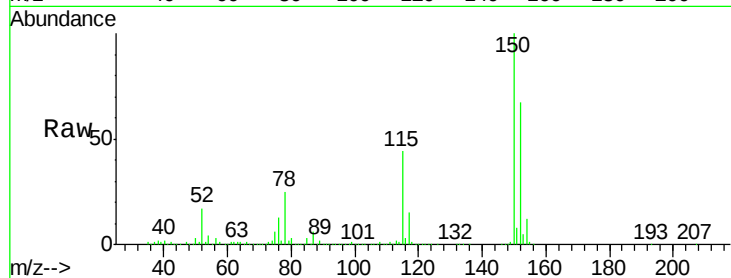
Tgt Ion: 79 Resp: 63940

Ion Ratio Lower Upper

79 100

108 34.7 62.5 93.7#

77 109.6 51.5 77.3#



#19

n-Nitroso-di-n-propylamine

Concen: 18.57 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.14 min

Lab File: BF089769.D

Acq: 17 Aug 2016 18:07

Tgt Ion: 70 Resp: 566648

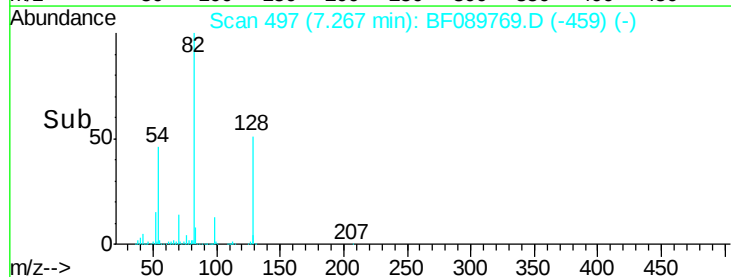
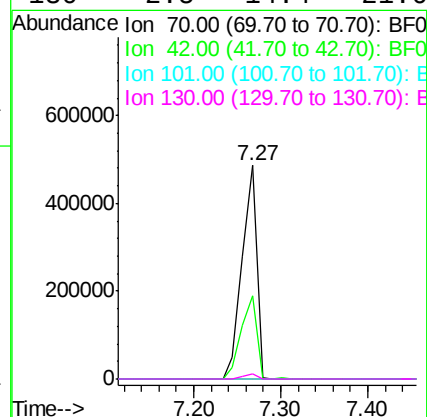
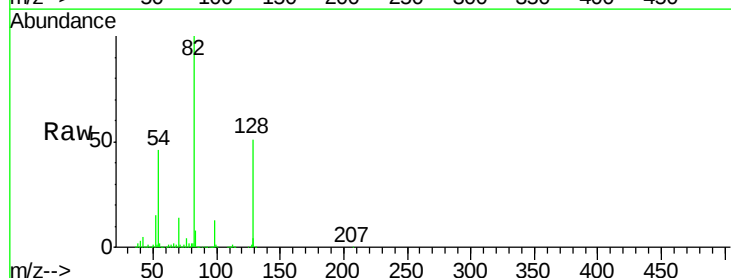
Ion Ratio Lower Upper

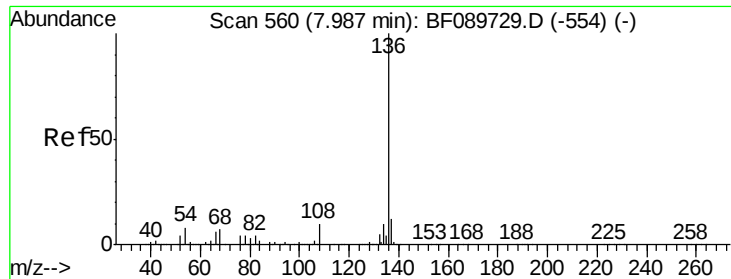
70 100

42 38.9 46.3 69.5#

101 0.0 7.0 10.6#

130 2.5 14.4 21.6#

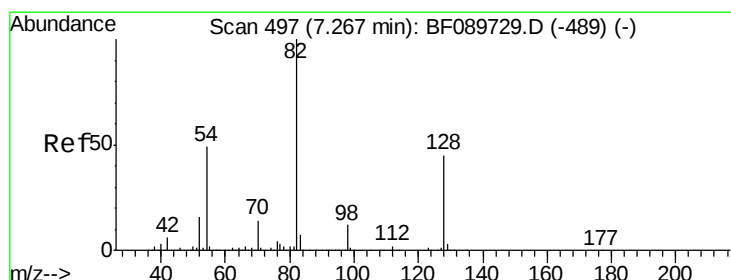
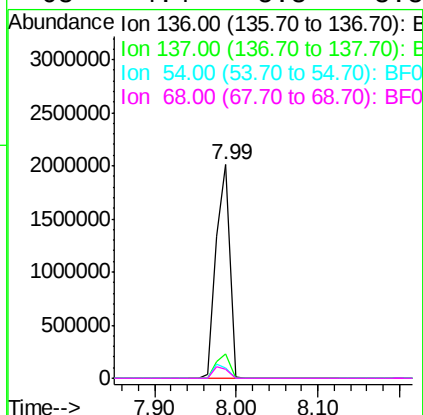
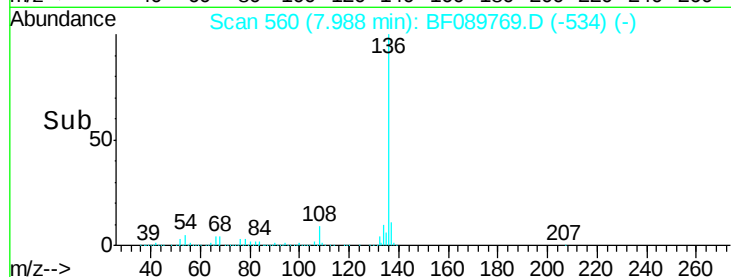
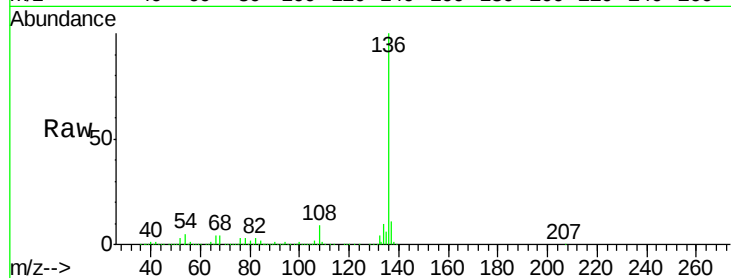




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089769.D
Acq: 17 Aug 2016 18:07

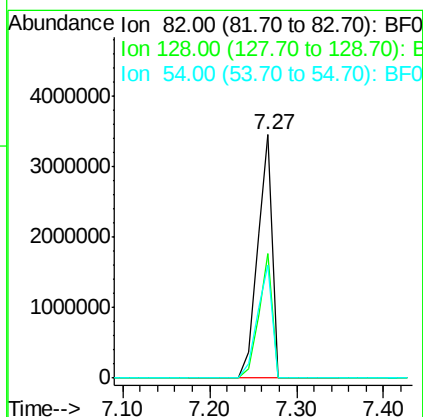
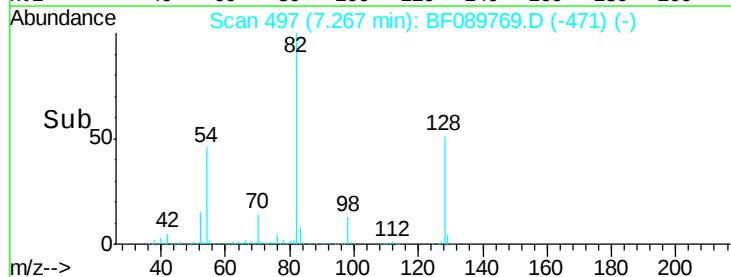
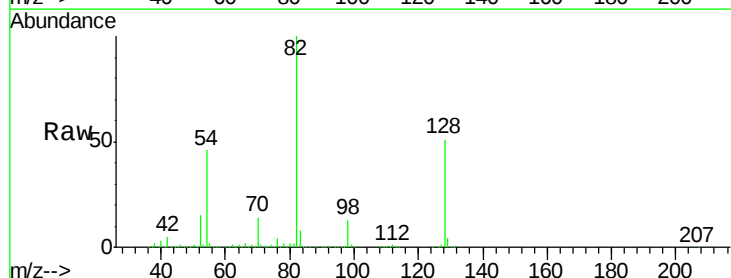
Instrument :
BNA_F
ClientSampleId :
LOCATION-45A

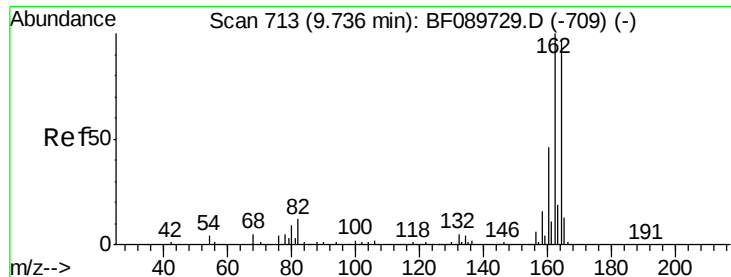
Tgt Ion:	136	Resp:	2346718
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.9	7.2	10.8#
68	4.4	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 105.25 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF089769.D
Acq: 17 Aug 2016 18:07

Tgt Ion:	82	Resp:	4044789
Ion	Ratio	Lower	Upper
82	100		
128	51.0	34.4	51.6
54	46.3	40.3	60.5

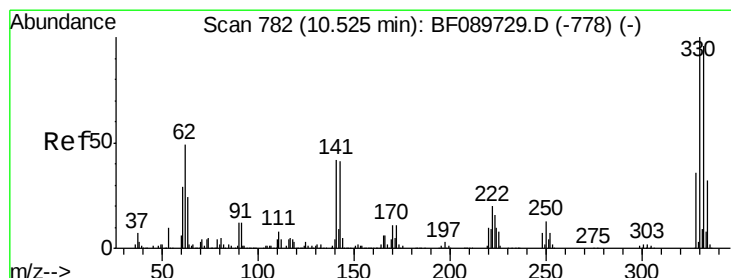
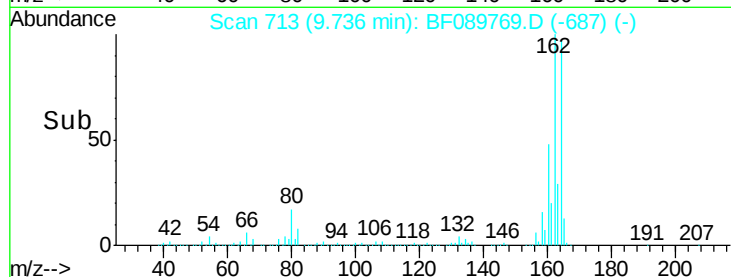
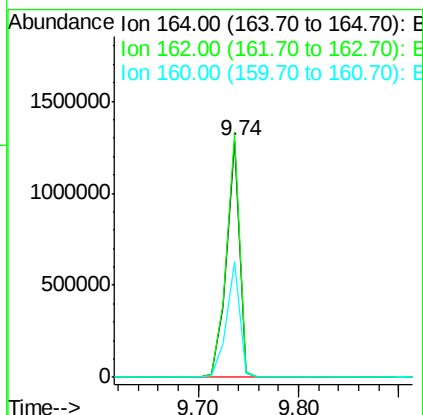
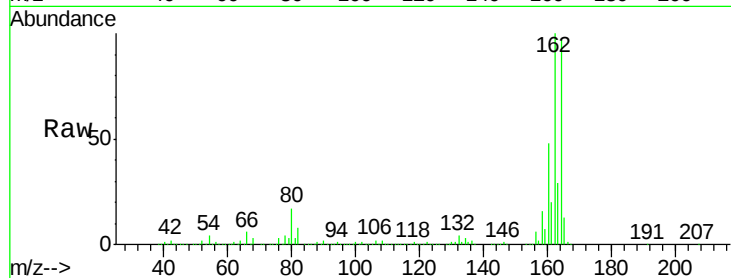




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

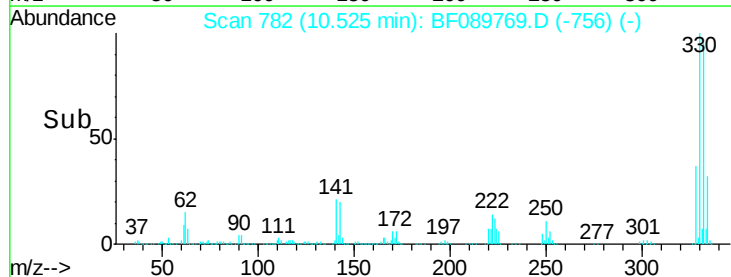
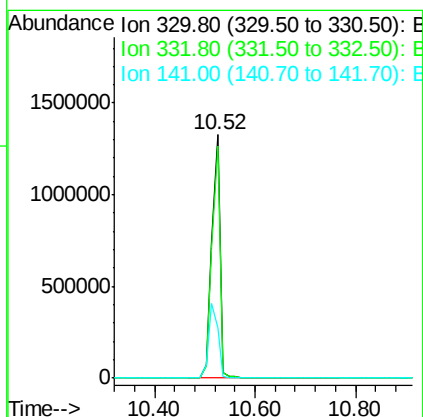
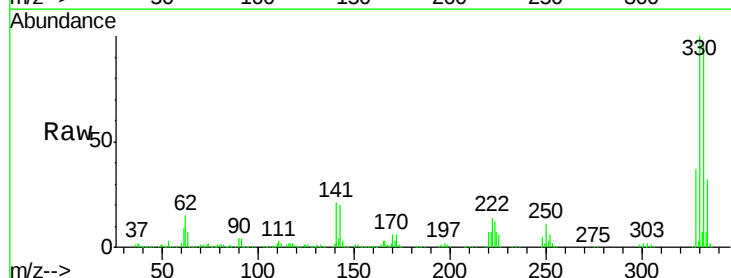
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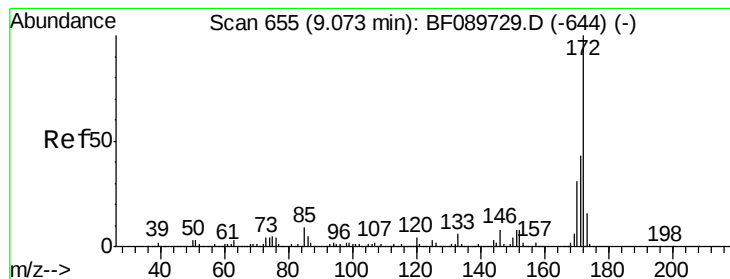
Tgt Ion:164 Resp: 1172918
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.4 122.2
 160 49.1 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 133.68 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

Tgt Ion:330 Resp: 1516890
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 35.1 30.2 45.2

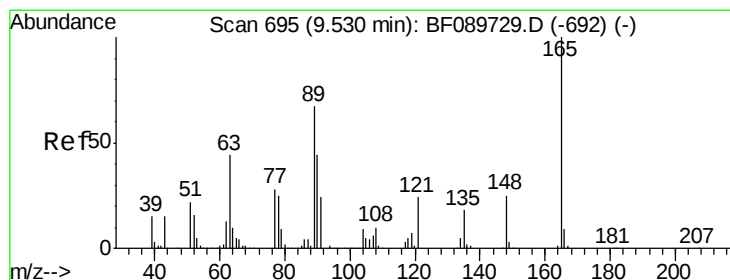
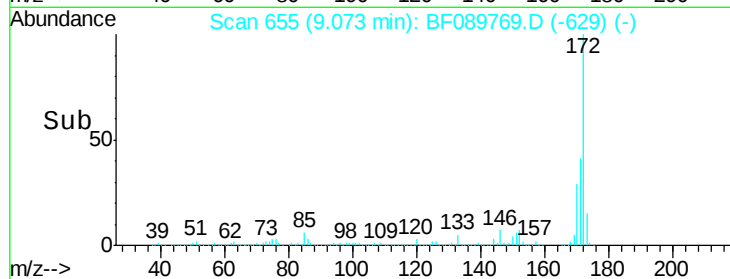
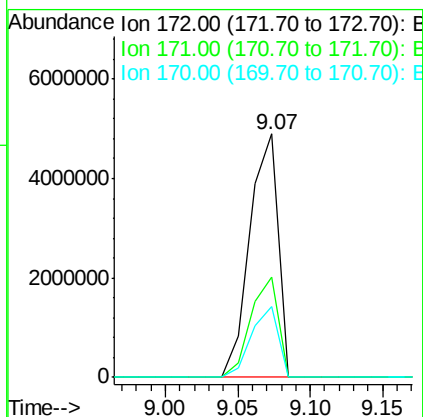
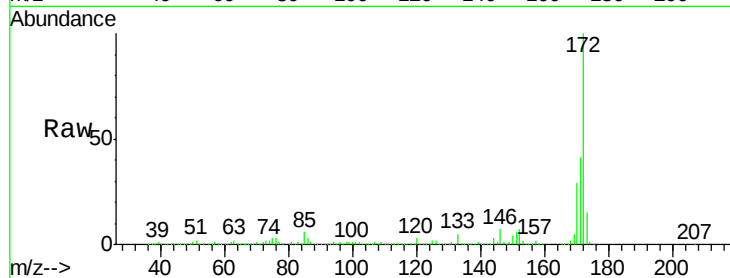




#44
 2-Fluorobiphenyl
 Concen: 90.89 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

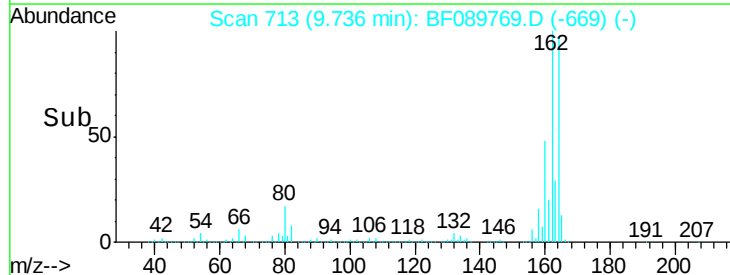
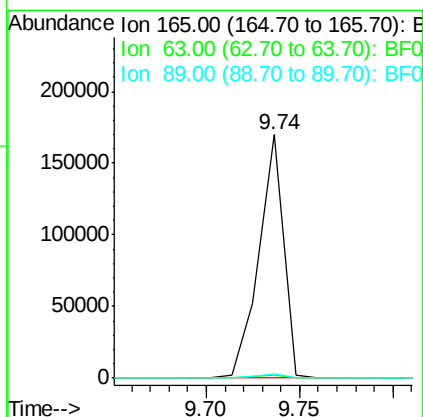
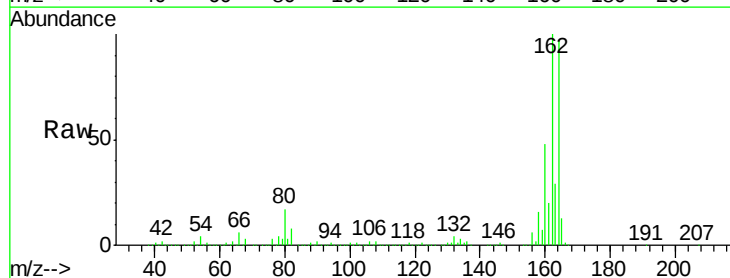
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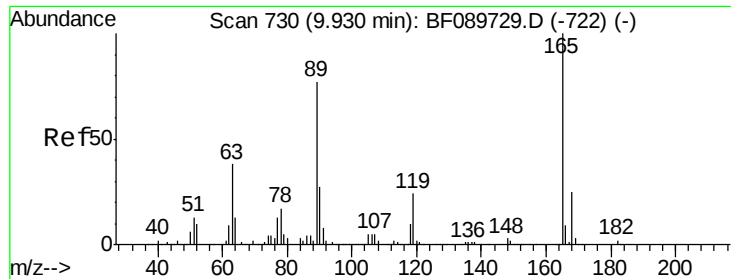
Tgt Ion:172 Resp: 6643788
 Ion Ratio Lower Upper
 172 100
 171 41.0 30.5 45.7
 170 28.8 20.6 31.0



#50
 2,6-Dinitrotoluene
 Concen: 8.11 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.21 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

Tgt Ion:165 Resp: 155807
 Ion Ratio Lower Upper
 165 100
 63 1.0 41.7 62.5#
 89 1.5 44.6 67.0#

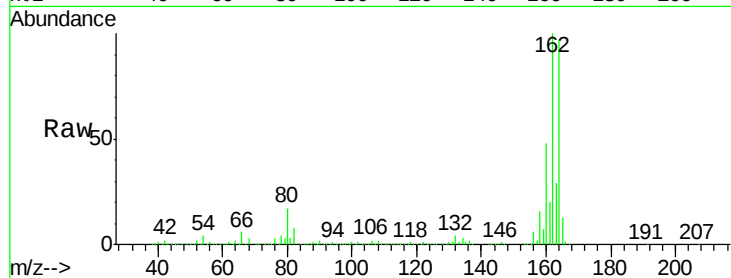




#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.19 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-45A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	23.7	35.5#
89	1.5	44.0	66.0#
182	0.0	2.0	3.0#

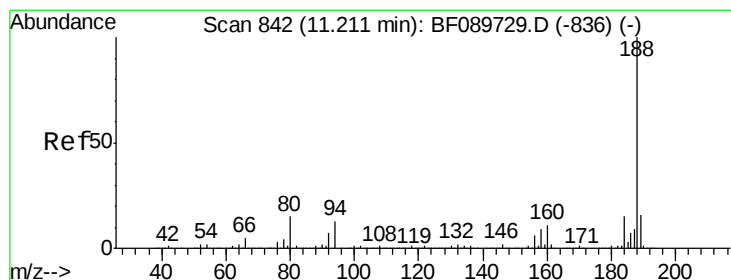
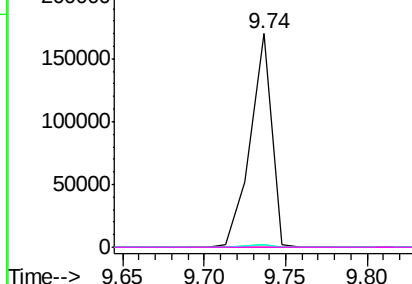
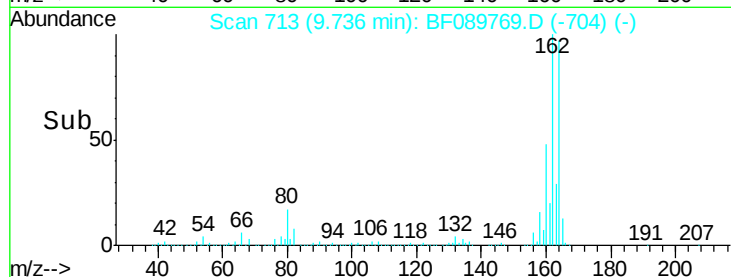


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

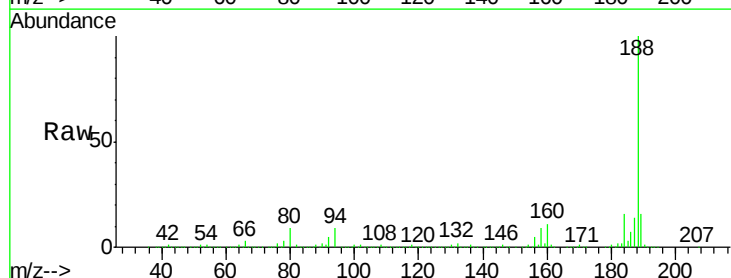
Ion 89.00 (88.70 to 89.70): BF0

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: BF089769.D
 Acq: 17 Aug 2016 18:07

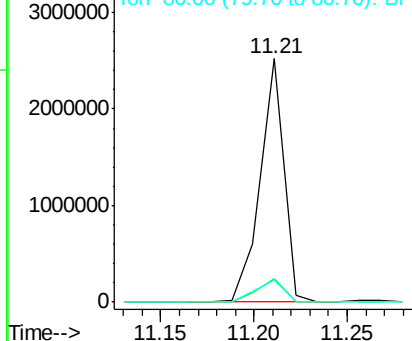
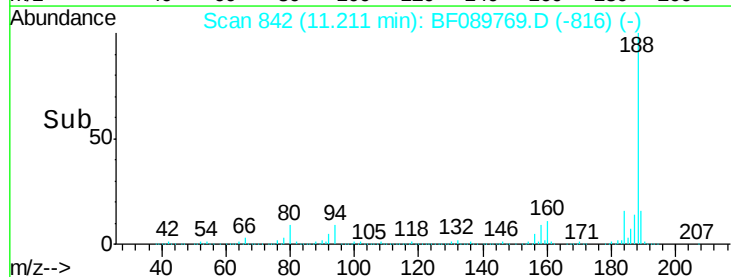
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.2	15.2#
80	9.3	10.9	16.3#

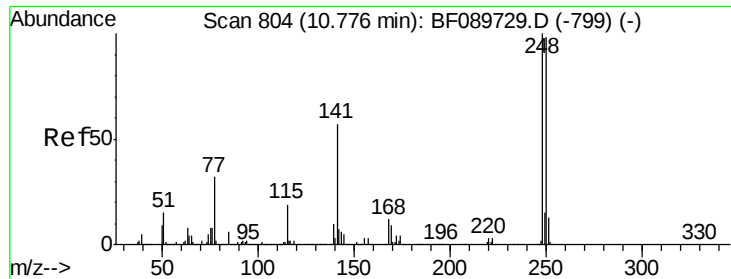


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.87 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF089769.D

Acq: 17 Aug 2016 18:07

Instrument :

BNA_F

ClientSampleId :

LOCATION-45A

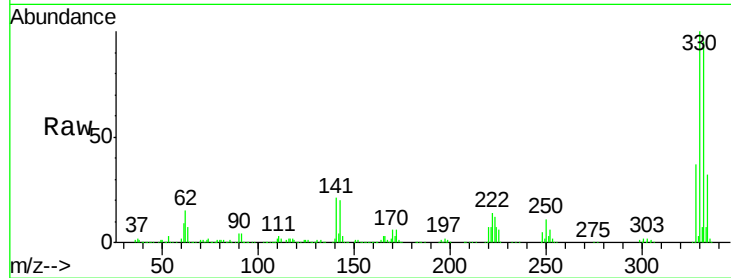
Tgt Ion:248 Resp: 88567

Ion Ratio Lower Upper

248 100

250 199.0 78.6 117.8#

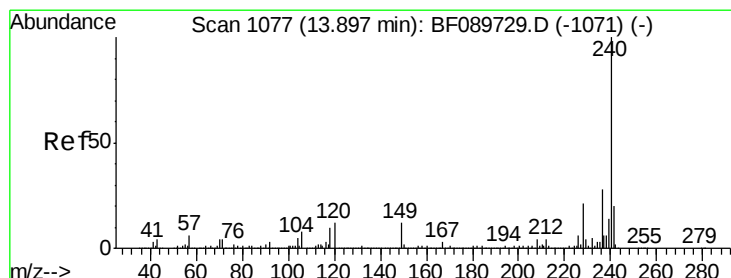
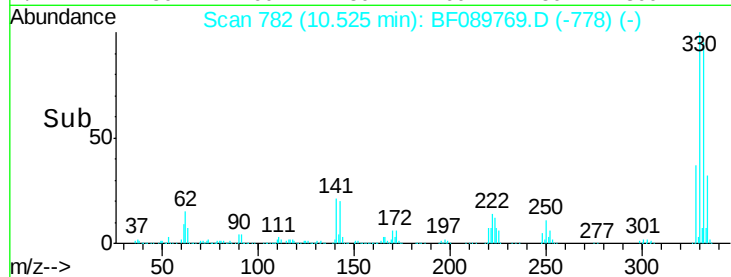
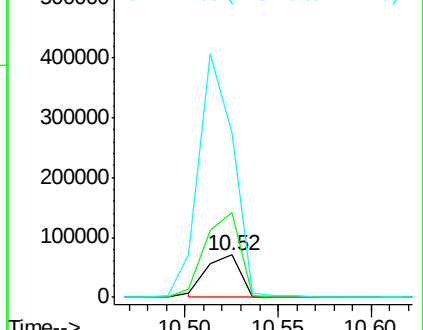
141 387.3 31.4 47.2#



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: 13.84 min Scan# 1072

Delta R.T. -0.06 min

Lab File: BF089769.D

Acq: 17 Aug 2016 18:07

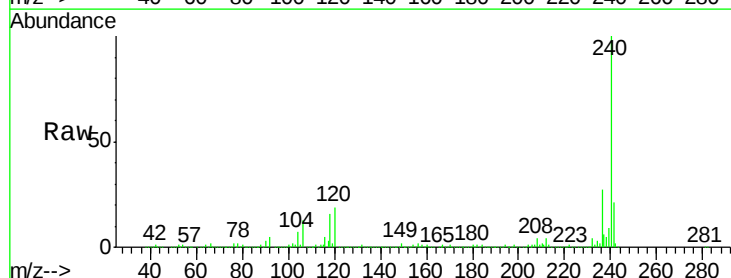
Tgt Ion:240 Resp: 1907513

Ion Ratio Lower Upper

240 100

120 18.7 8.3 12.5#

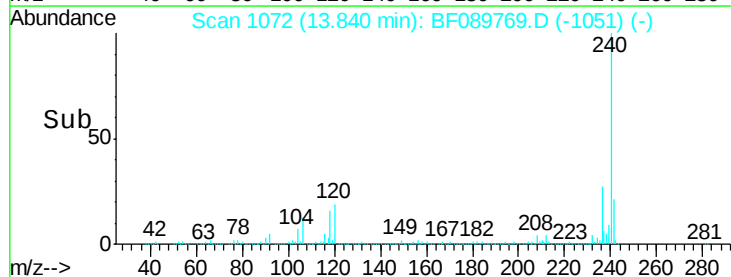
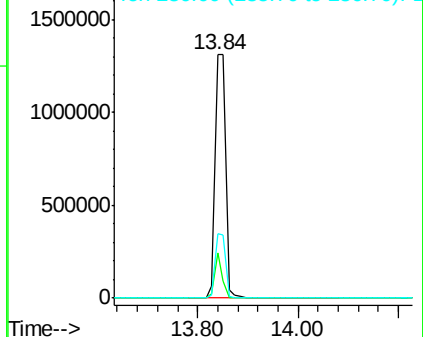
236 26.5 21.3 31.9

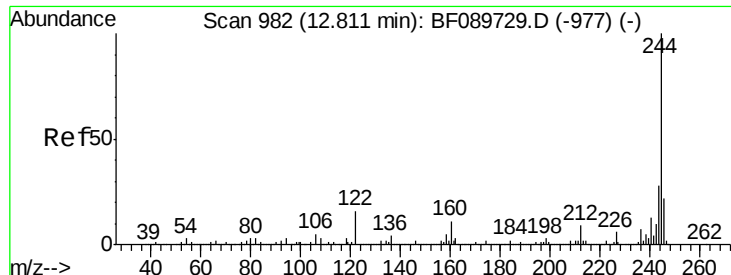


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

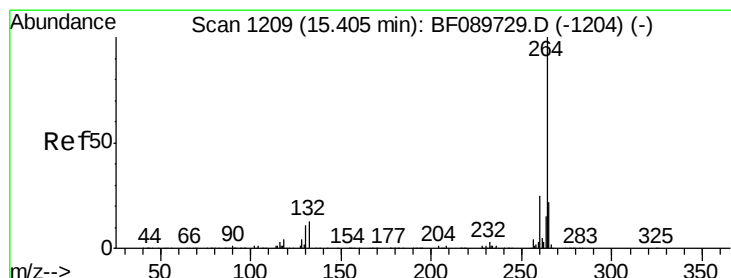
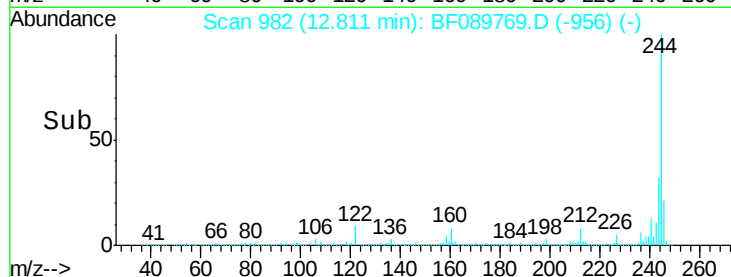
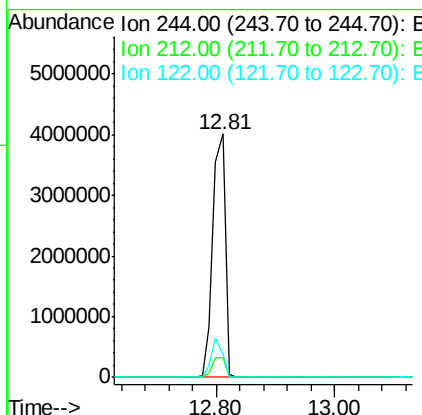
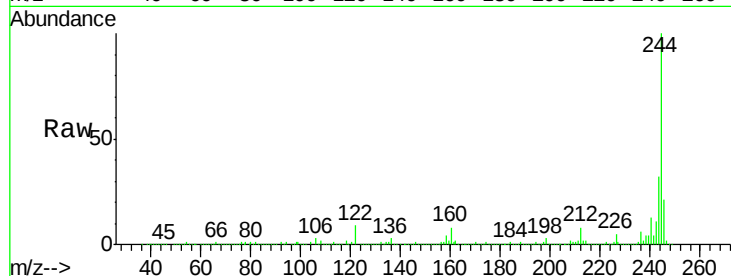




#78
 Terphenyl-d14
 Concen: 91.77 ng
 RT: 12.81 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-45A

Tgt Ion:244 Resp: 5859776
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 9.5 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1198
 Delta R.T. -0.13 min
 Lab File: BF089769.D
 Acq: 17 Aug 2016 18:07

Tgt Ion:264 Resp: 1736868
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.2 30.2
 265 22.0 17.4 26.2

