

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081716\
 Data File : BF089767.D
 Acq On : 17 Aug 2016 17:09
 Operator : UM/SJ
 Sample : H4476-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-5F

Quant Time: Aug 17 17:53:11 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

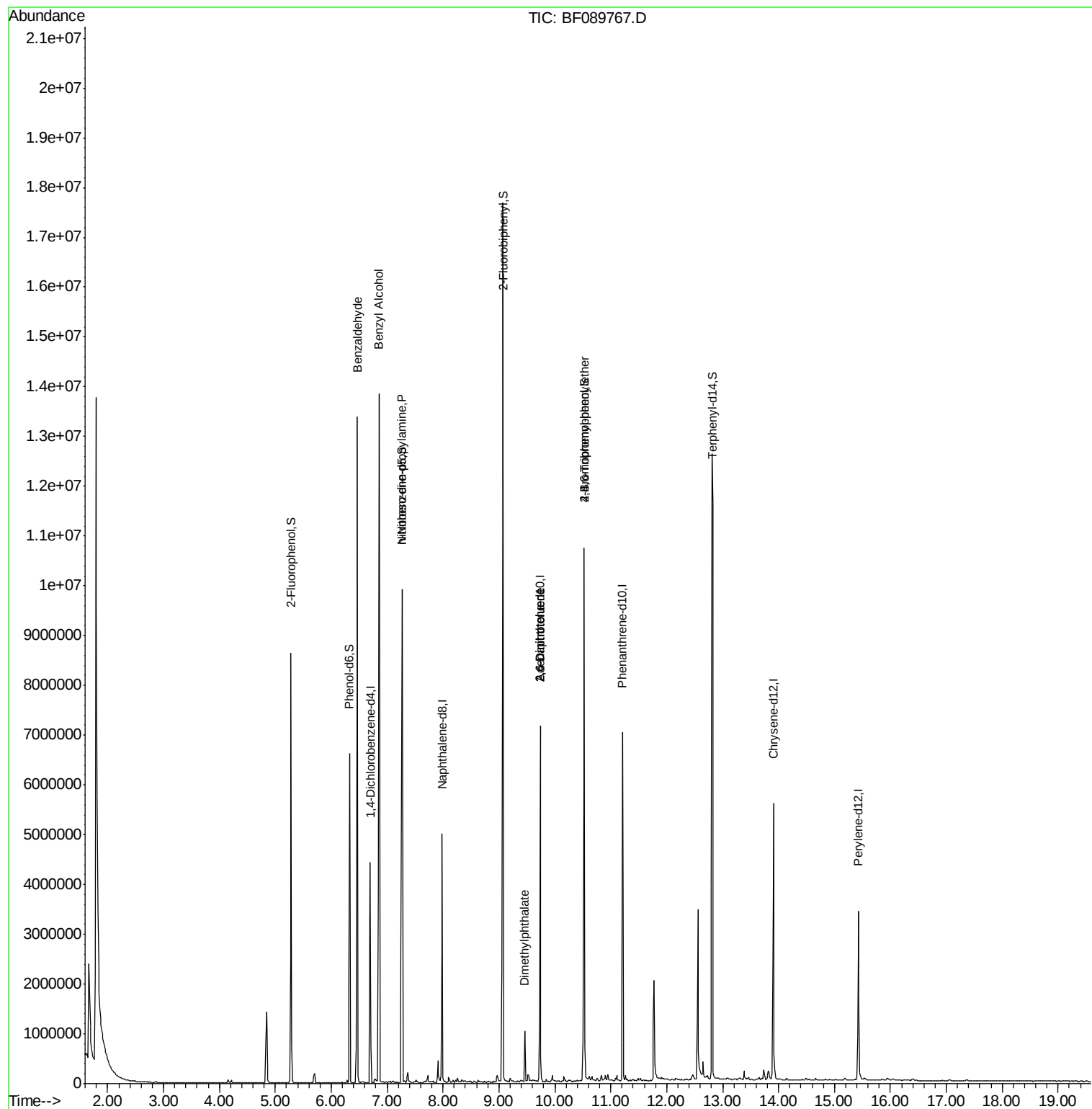
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	629660	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2684330	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1334662	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2293766	20.00	ng	0.00
75) Chrysene-d12	13.91	240	2021403	20.00	ng	0.01
86) Perylene-d12	15.43	264	1554082	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2448096	64.87	ng	0.00
7) Phenol-d6	6.33	99	2273099	47.36	ng	0.00
23) Nitrobenzene-d5	7.27	82	3860736	87.82	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1516706	117.47	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6602340	79.38	ng	0.00
78) Terphenyl-d14	12.82	244	6021602	88.99	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	100674	3.16	ng	93
15) Benzyl Alcohol	6.86	79	64307	2.00	ng	# 46
19) n-Nitroso-di-n-propylamine	7.27	70	540050	17.18	ng	# 74
49) Dimethylphthalate	9.46	163	378986	3.92	ng	98
50) 2,6-Dinitrotoluene	9.74	165	178963	8.19	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	179273	6.38	ng	# 35
66) 4-Bromophenyl-phenylether	10.52	248	94066	3.96	ng	# 1

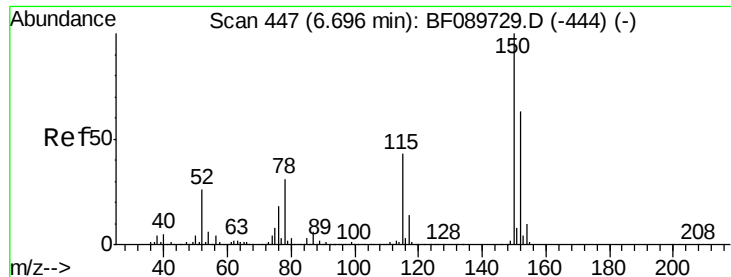
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089767.D

Acq: 17 Aug 2016 17:09

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F

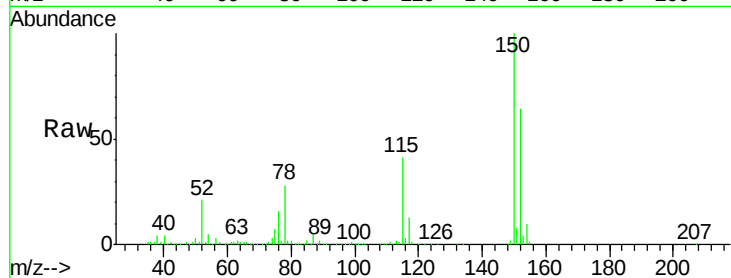
Tgt Ion:152 Resp: 629660

Ion Ratio Lower Upper

152 100

150 156.5 125.3 187.9

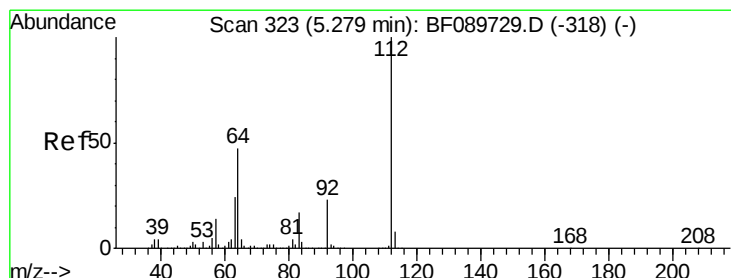
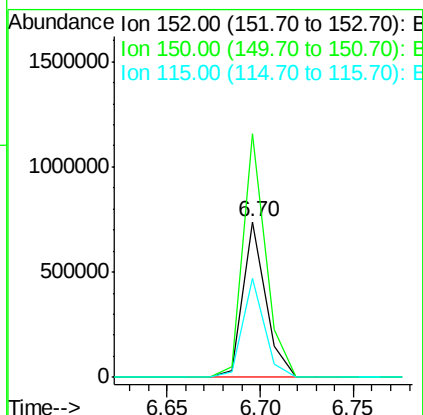
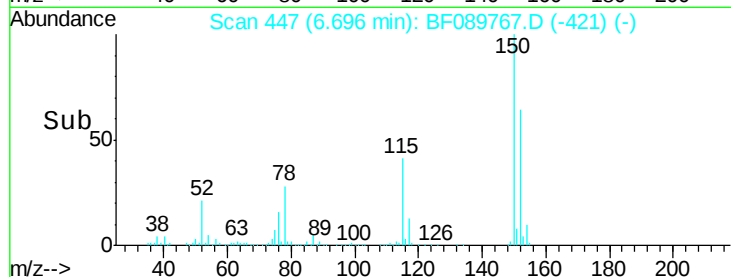
115 63.7 40.9 61.3#



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: 64.87 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

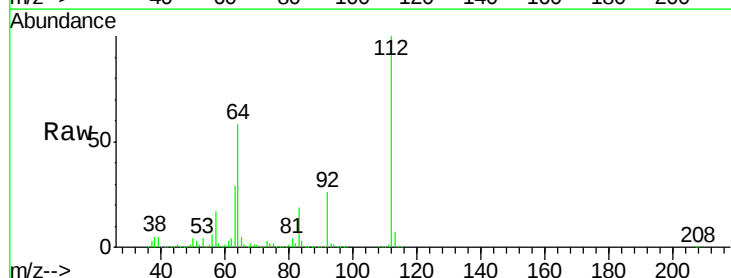
Tgt Ion:112 Resp: 2448096

Ion Ratio Lower Upper

112 100

64 57.5 45.0 67.4

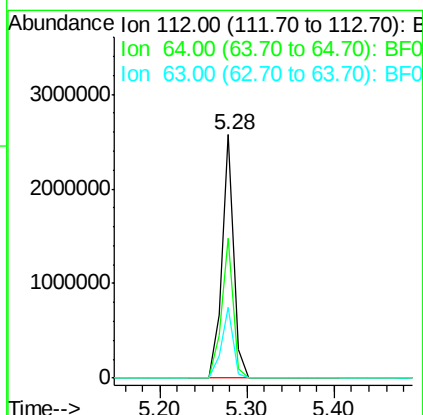
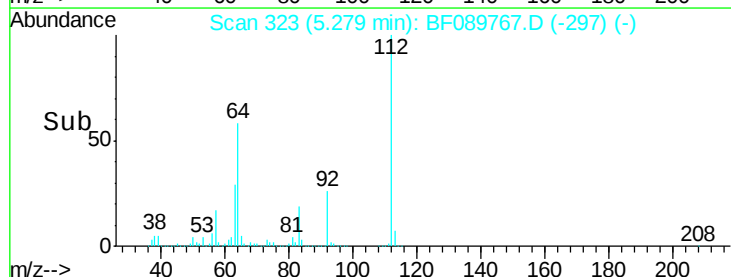
63 29.1 23.1 34.7

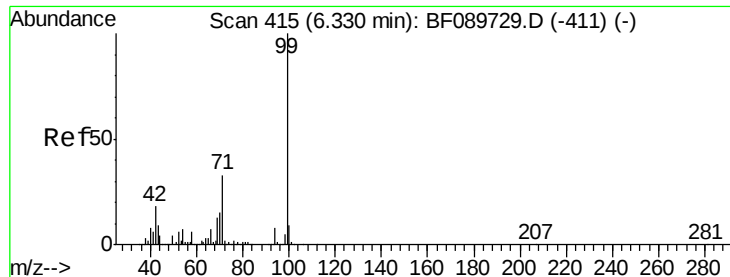


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.36 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F

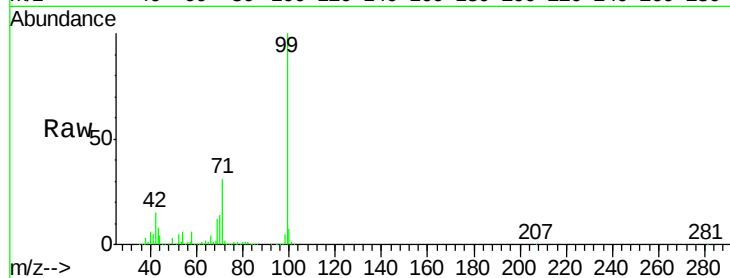
Tgt Ion: 99 Resp: 2273099

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.4

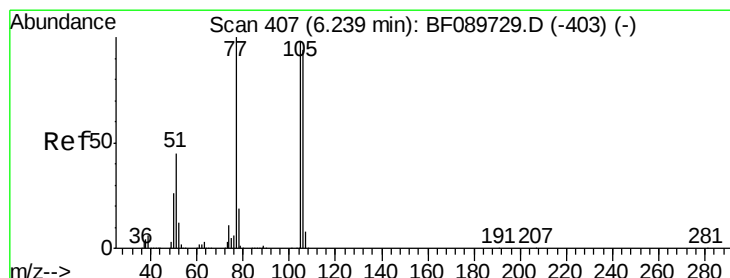
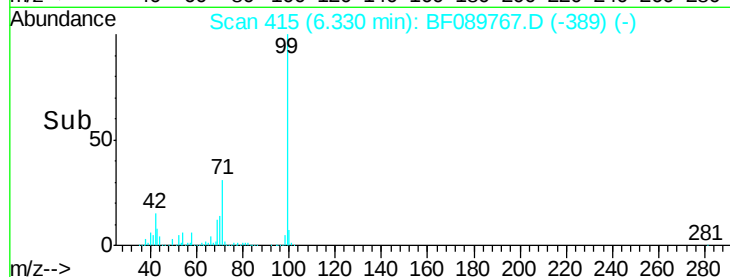
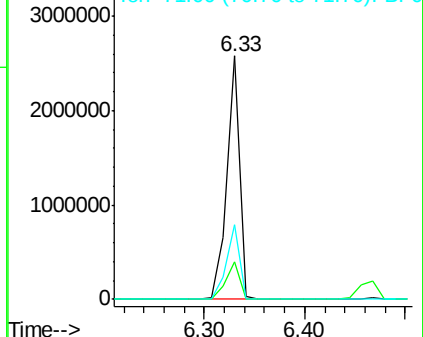
71 30.6 23.8 35.8



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: 3.16 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.23 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

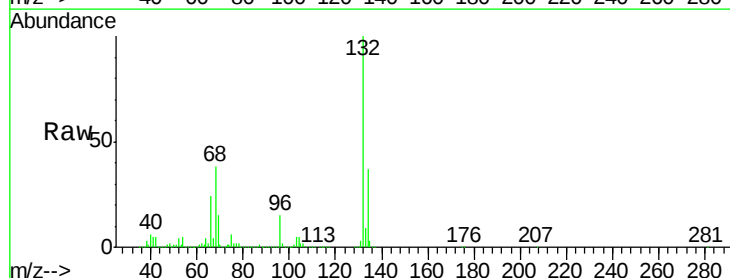
Tgt Ion: 77 Resp: 100674

Ion Ratio Lower Upper

77 100

105 91.4 73.3 113.3

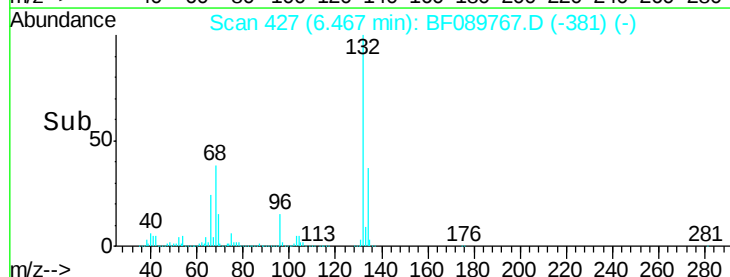
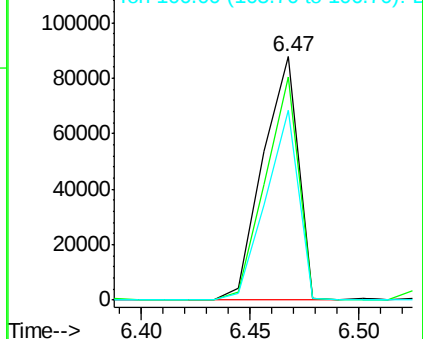
106 77.9 68.6 108.6

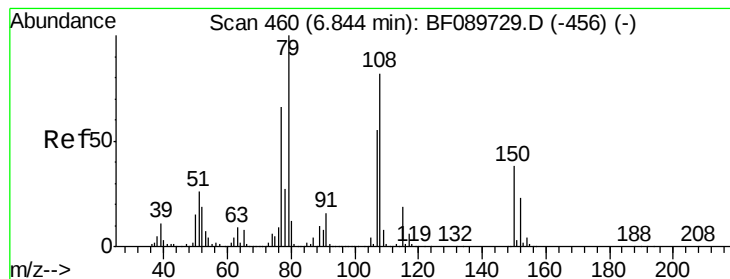


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

Instrument :

BNA_F

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LOCATION-5F

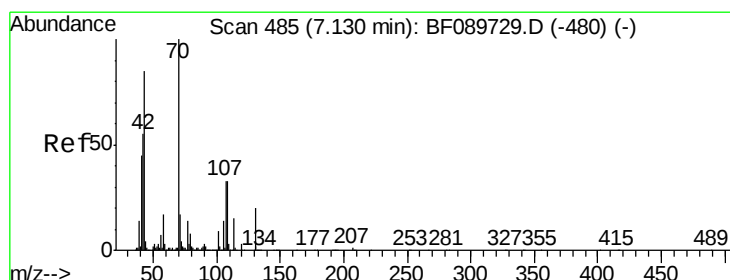
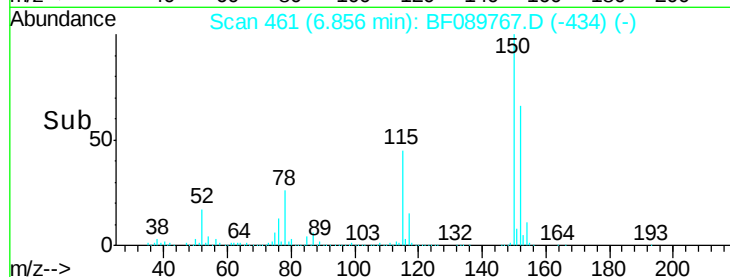
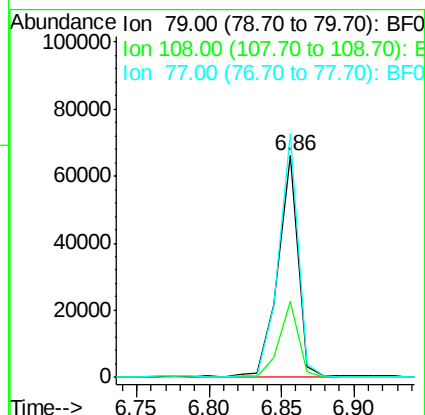
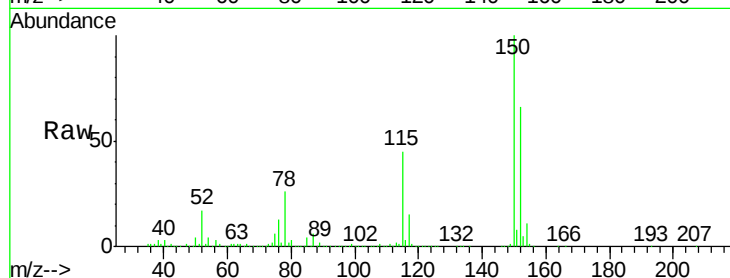
Tgt Ion: 79 Resp: 64307

Ion Ratio Lower Upper

79 100

108 34.0 62.5 93.7#

77 109.9 51.5 77.3#



#19

n-Nitroso-di-n-propylamine

Concen: 17.18 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.14 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

Tgt Ion: 70 Resp: 540050

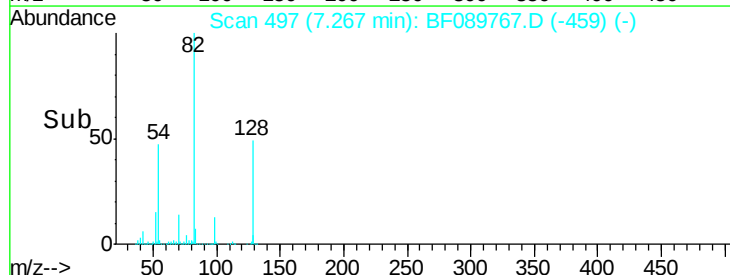
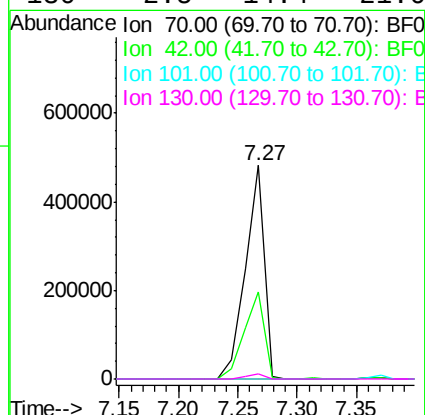
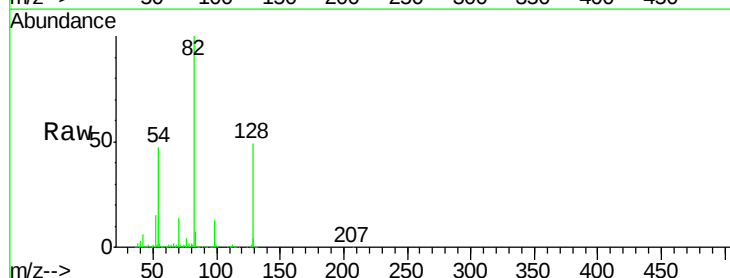
Ion Ratio Lower Upper

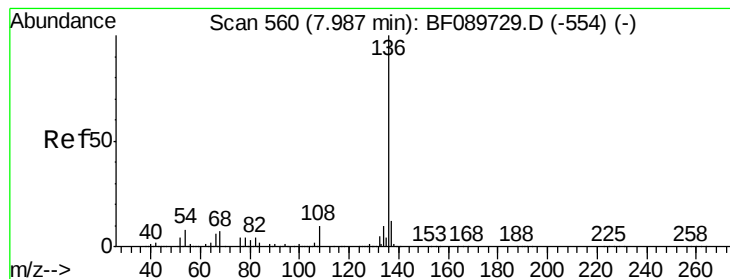
70 100

42 40.9 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: BF089767.D

Acq: 17 Aug 2016 17:09

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F

Tgt Ion:136 Resp: 2684330

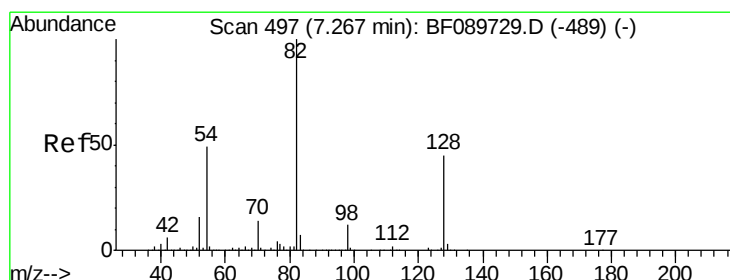
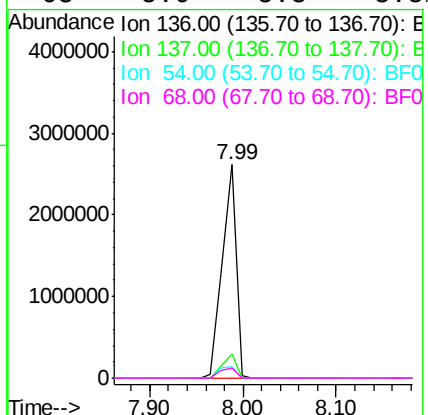
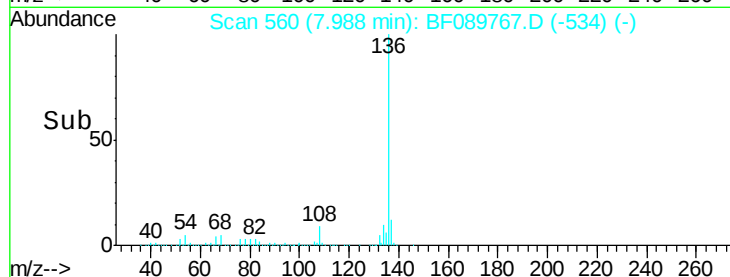
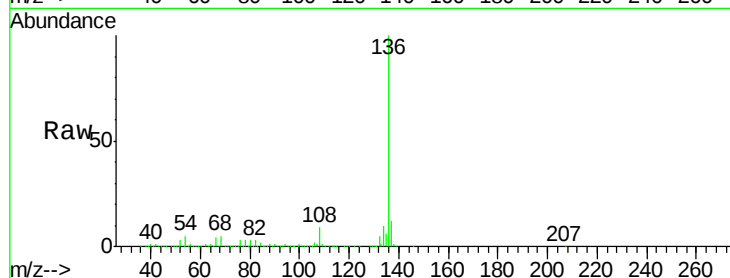
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 5.3 7.2 10.8#

68 5.0 5.8 8.8#



#23

Nitrobenzene-d5

Concen: 87.82 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

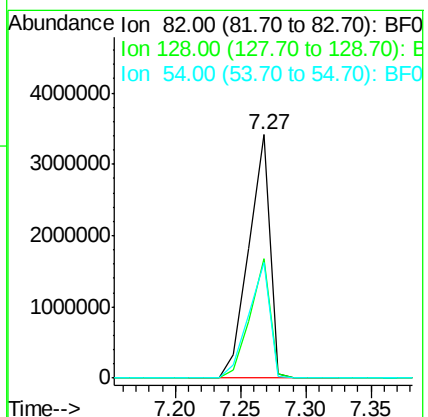
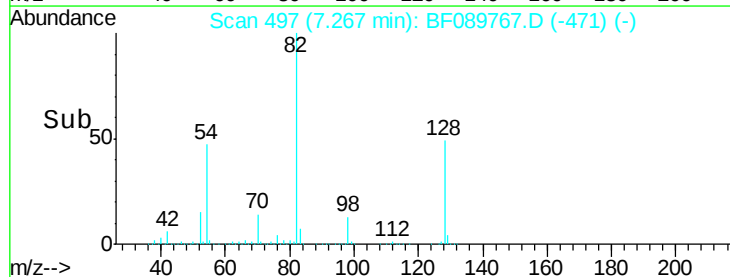
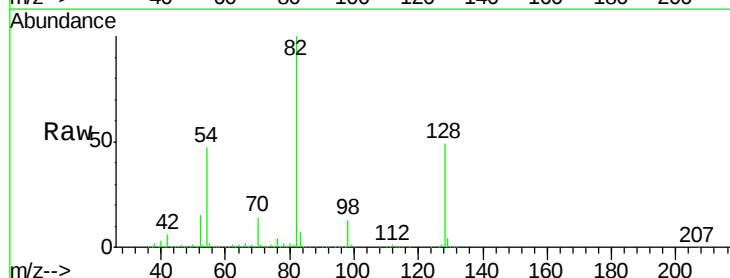
Tgt Ion: 82 Resp: 3860736

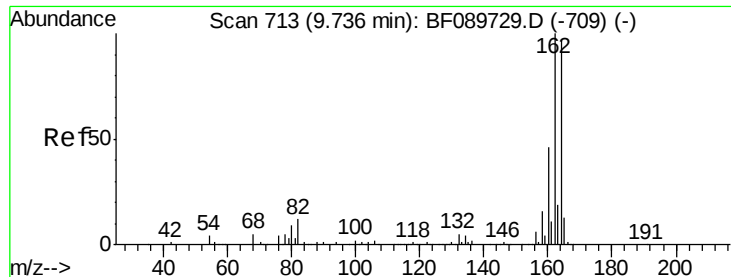
Ion Ratio Lower Upper

82 100

128 49.1 34.4 51.6

54 47.3 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: BF089767.D

Acq: 17 Aug 2016 17:09

Instrument :

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ClientSampleId :

LOCATION-5F

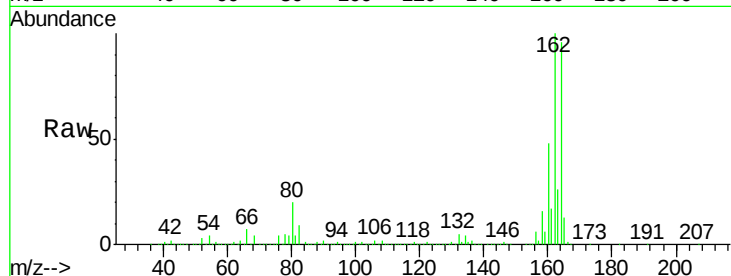
Tgt Ion:164 Resp: 1334662

Ion Ratio Lower Upper

164 100

162 103.7 81.4 122.2

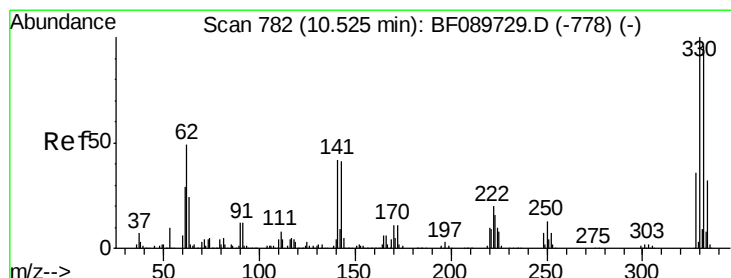
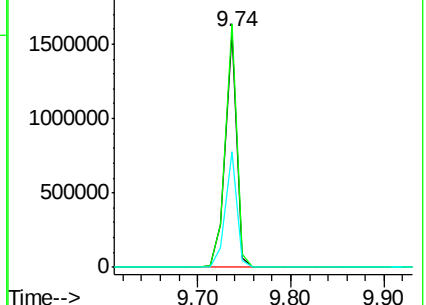
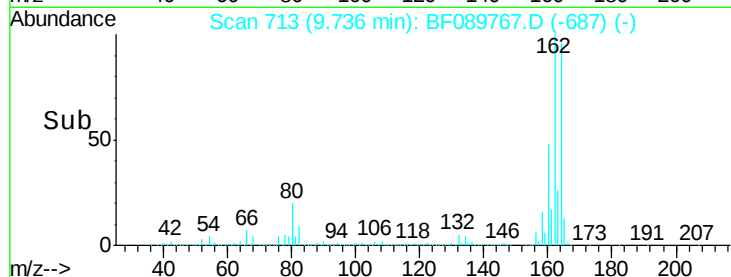
160 49.4 37.8 56.6



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: 117.47 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

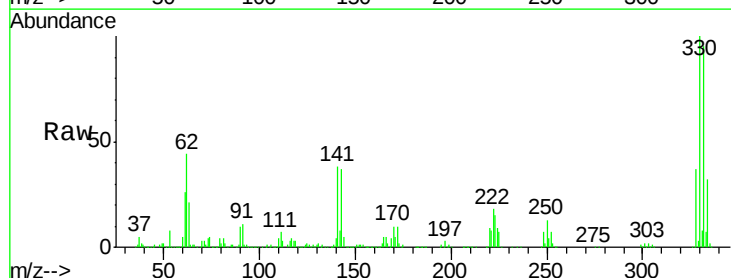
Tgt Ion:330 Resp: 1516706

Ion Ratio Lower Upper

330 100

332 95.8 76.7 115.1

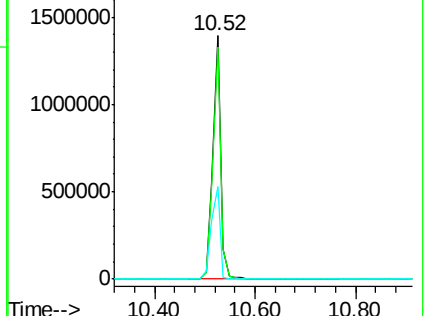
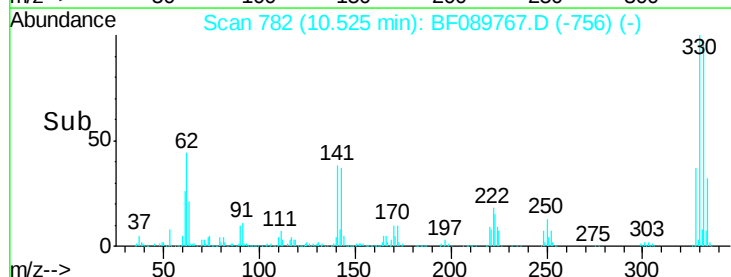
141 42.5 30.2 45.2

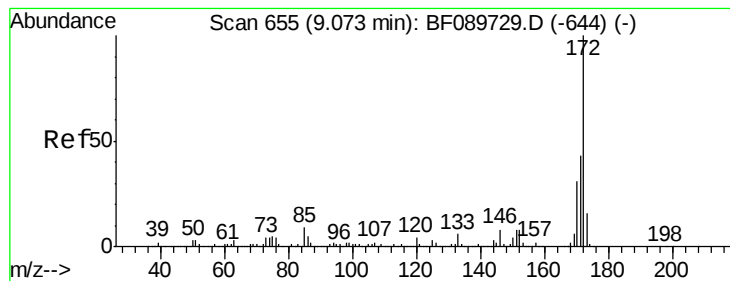


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

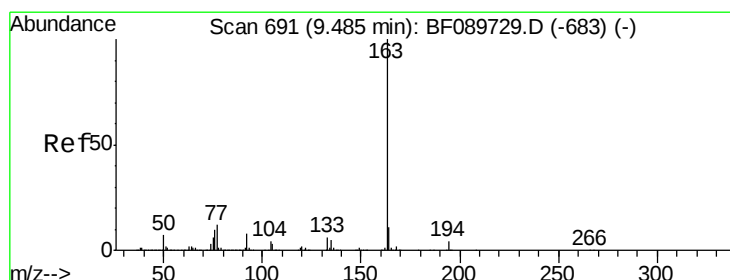
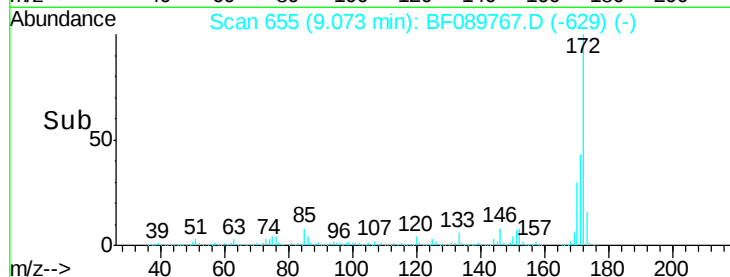
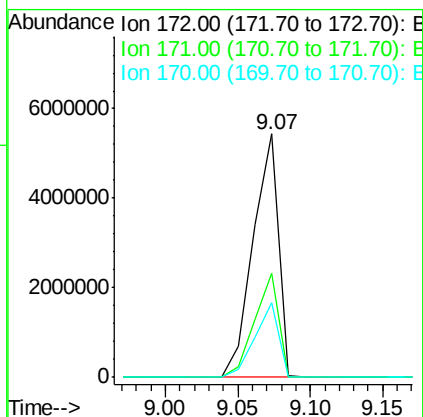
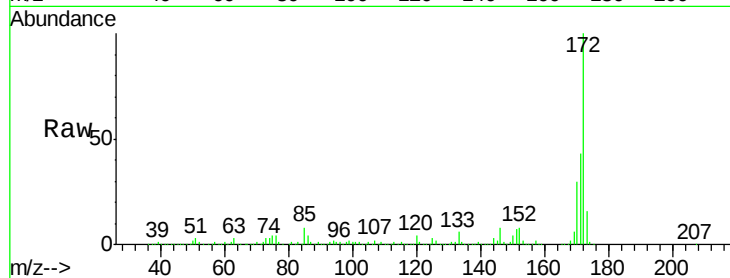




#44
2-Fluorobiphenyl
Concen: 79.38 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF089767.D
Acq: 17 Aug 2016 17:09

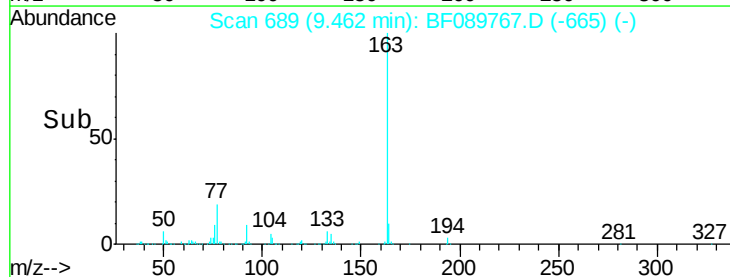
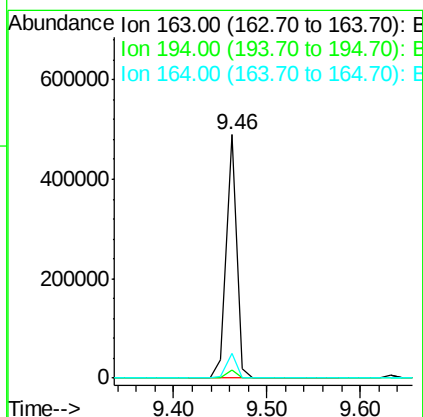
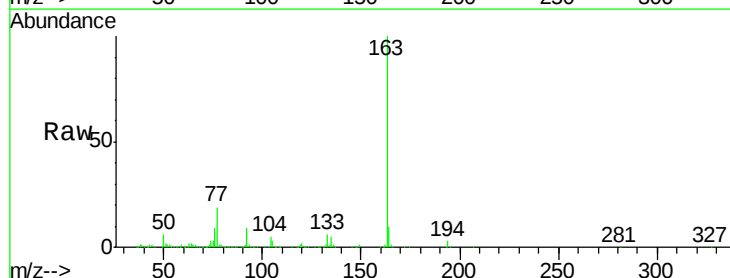
Instrument :
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LOCATION-5F

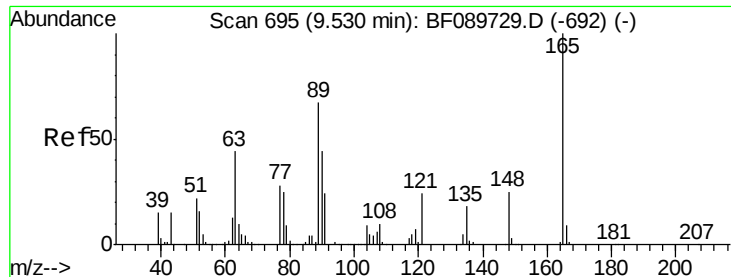
Tgt Ion:172 Resp: 6602340
Ion Ratio Lower Upper
172 100
171 43.0 30.5 45.7
170 30.4 20.6 31.0



#49
Dimethylphthalate
Concen: 3.92 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF089767.D
Acq: 17 Aug 2016 17:09

Tgt Ion:163 Resp: 378986
Ion Ratio Lower Upper
163 100
194 3.2 2.6 3.8
164 9.9 8.6 12.8

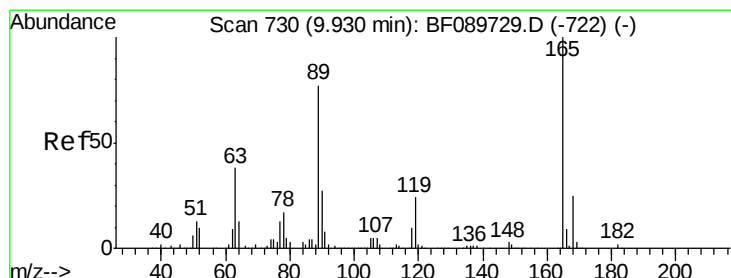
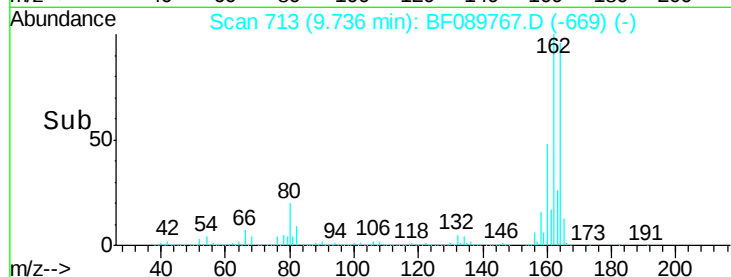
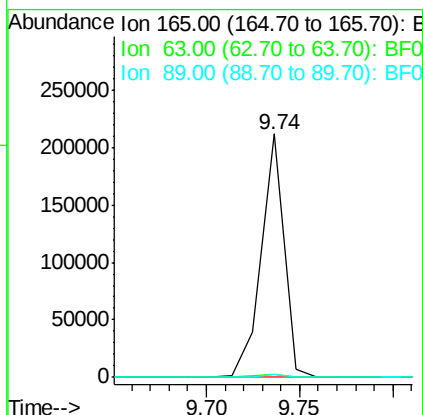
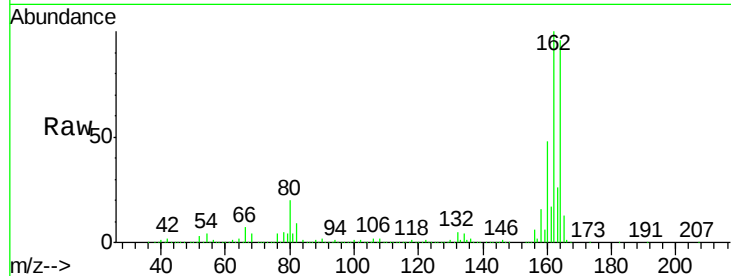




#50
 2,6-Dinitrotoluene
 Concen: 8.19 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.21 min
 Lab File: BF089767.D
 Acq: 17 Aug 2016 17:09

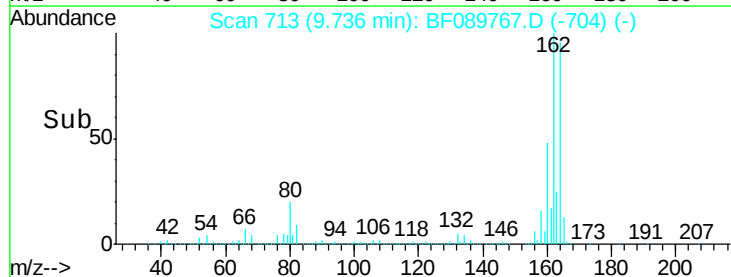
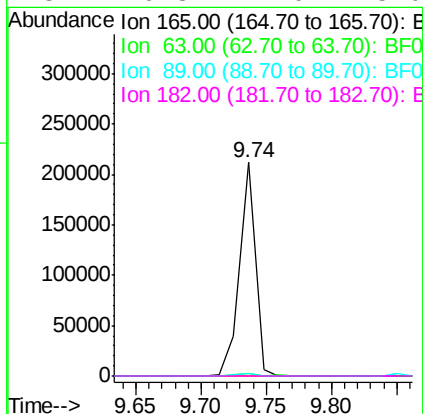
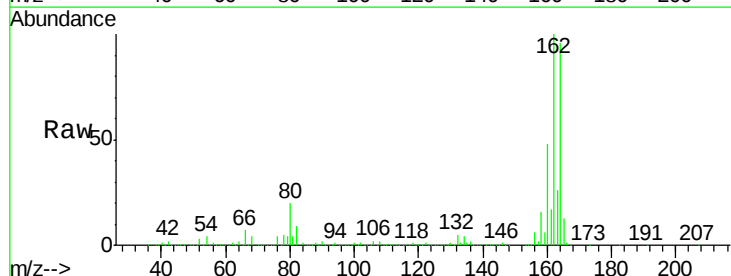
Instrument :
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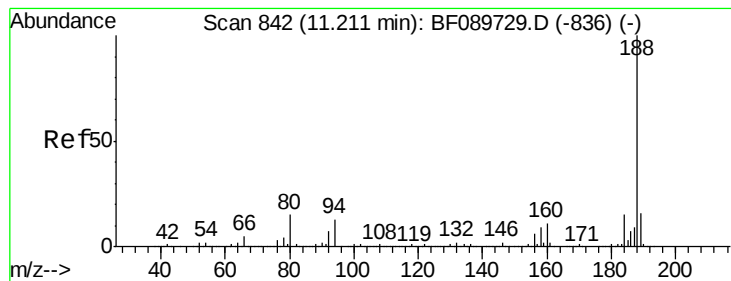
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.7	62.5#
89	1.4	44.6	67.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.38 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.19 min
 Lab File: BF089767.D
 Acq: 17 Aug 2016 17:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	23.7	35.5#
89	1.4	44.0	66.0#
182	0.3	2.0	3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F

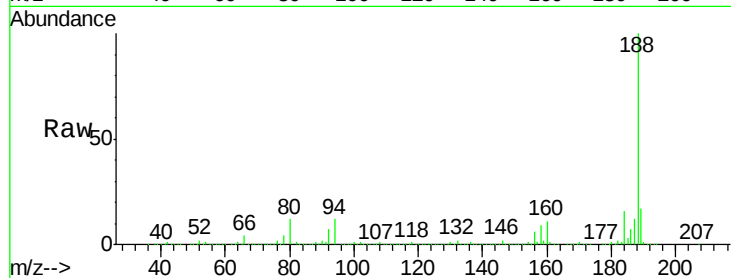
Tgt Ion:188 Resp: 2293766

Ion Ratio Lower Upper

188 100

94 12.0 10.2 15.2

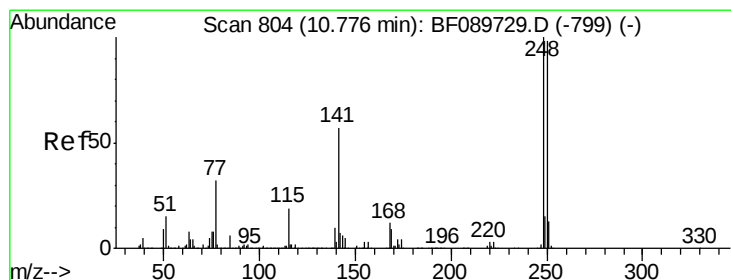
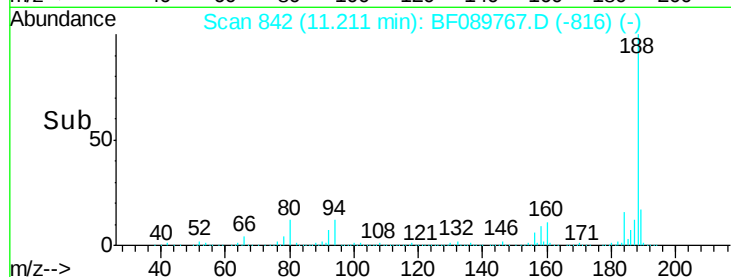
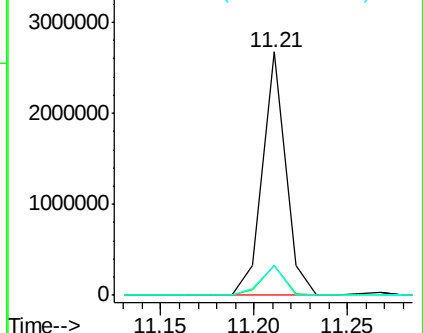
80 12.5 10.9 16.3



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: 3.96 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.25 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

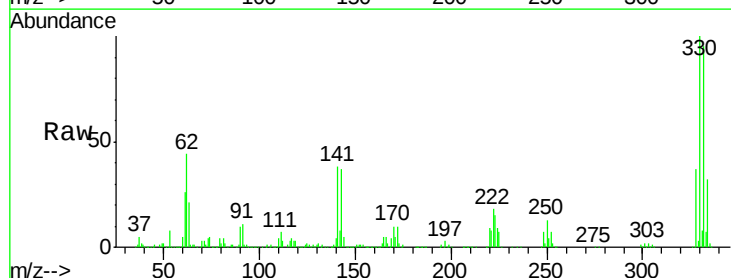
Tgt Ion:248 Resp: 94066

Ion Ratio Lower Upper

248 100

250 195.7 78.6 117.8#

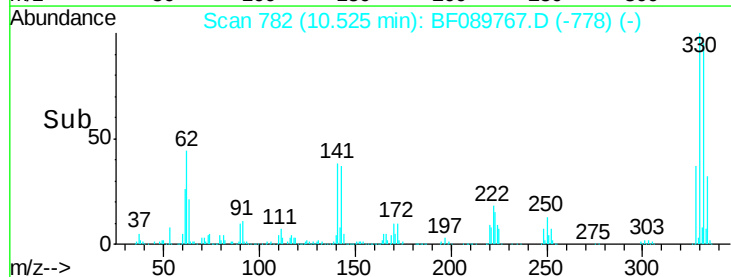
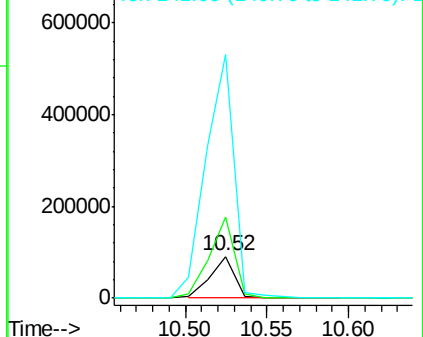
141 583.9 31.4 47.2#

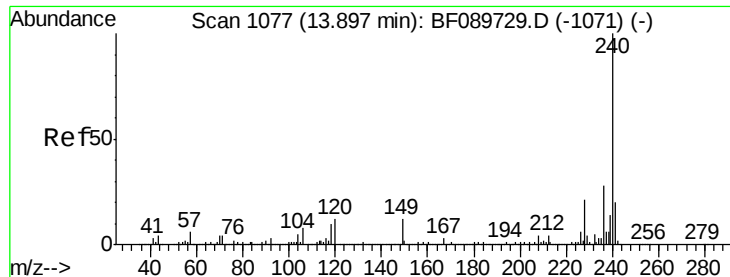


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.91 min Scan# 1078

Delta R.T. 0.01 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

Instrument :

BNA_F

ClientSampleId :

LOCATION-5F

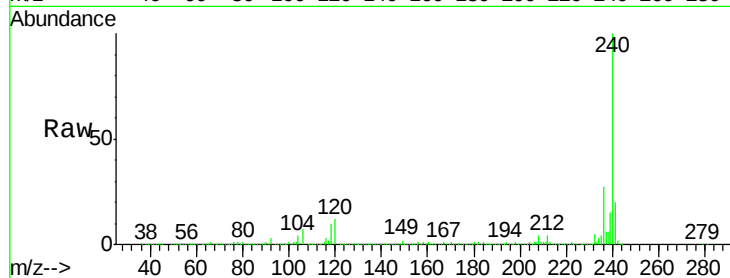
Tgt Ion:240 Resp: 2021403

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

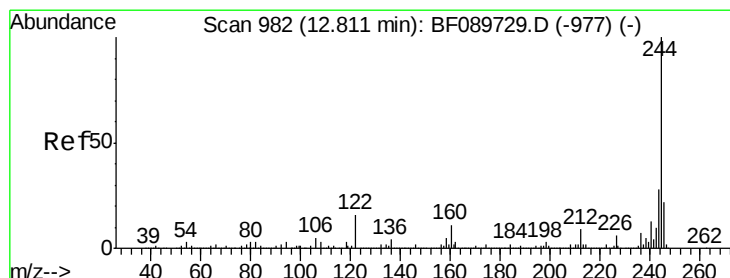
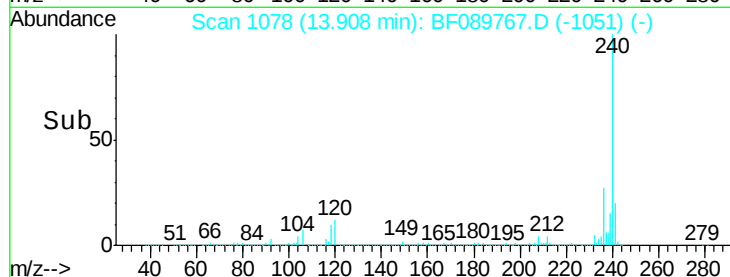
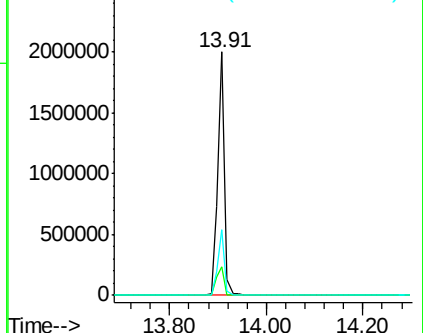
236 26.8 21.3 31.9



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: 88.99 ng

RT: 12.82 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF089767.D

Acq: 17 Aug 2016 17:09

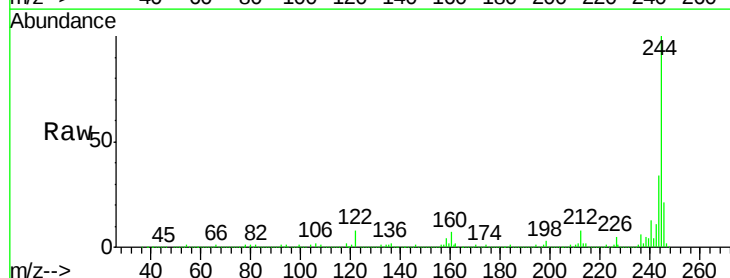
Tgt Ion:244 Resp: 6021602

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

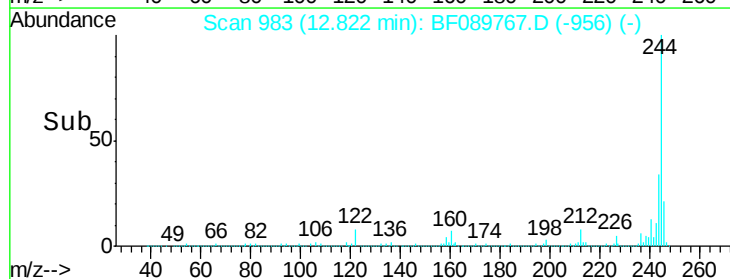
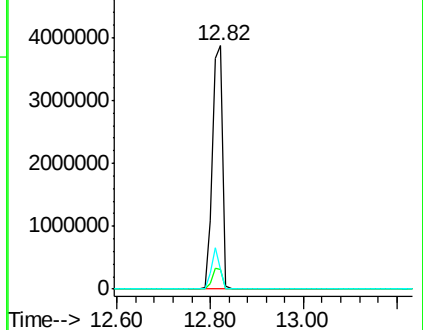
122 8.2 12.0 18.0#

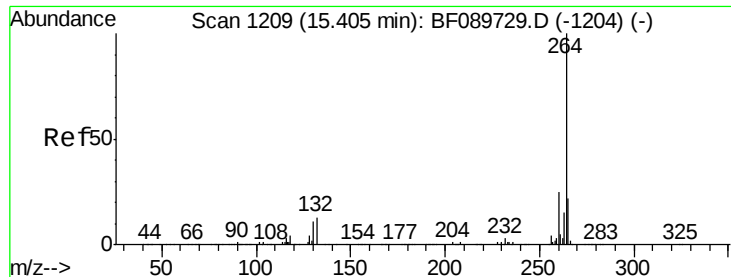


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1211
Delta R.T. 0.02 min
Lab File: BF089767.D
Acq: 17 Aug 2016 17:09

Instrument :
BNA_F
ClientSampleId :
LOCATION-5F

Tgt Ion: 264 Resp: 1554082

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	22.4	17.4	26.2

