

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088397.D
 Acq On : 26 Jun 2016 3:09
 Operator : UM/SJ
 Sample : H3745-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Quant Time: Jun 26 03:53:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

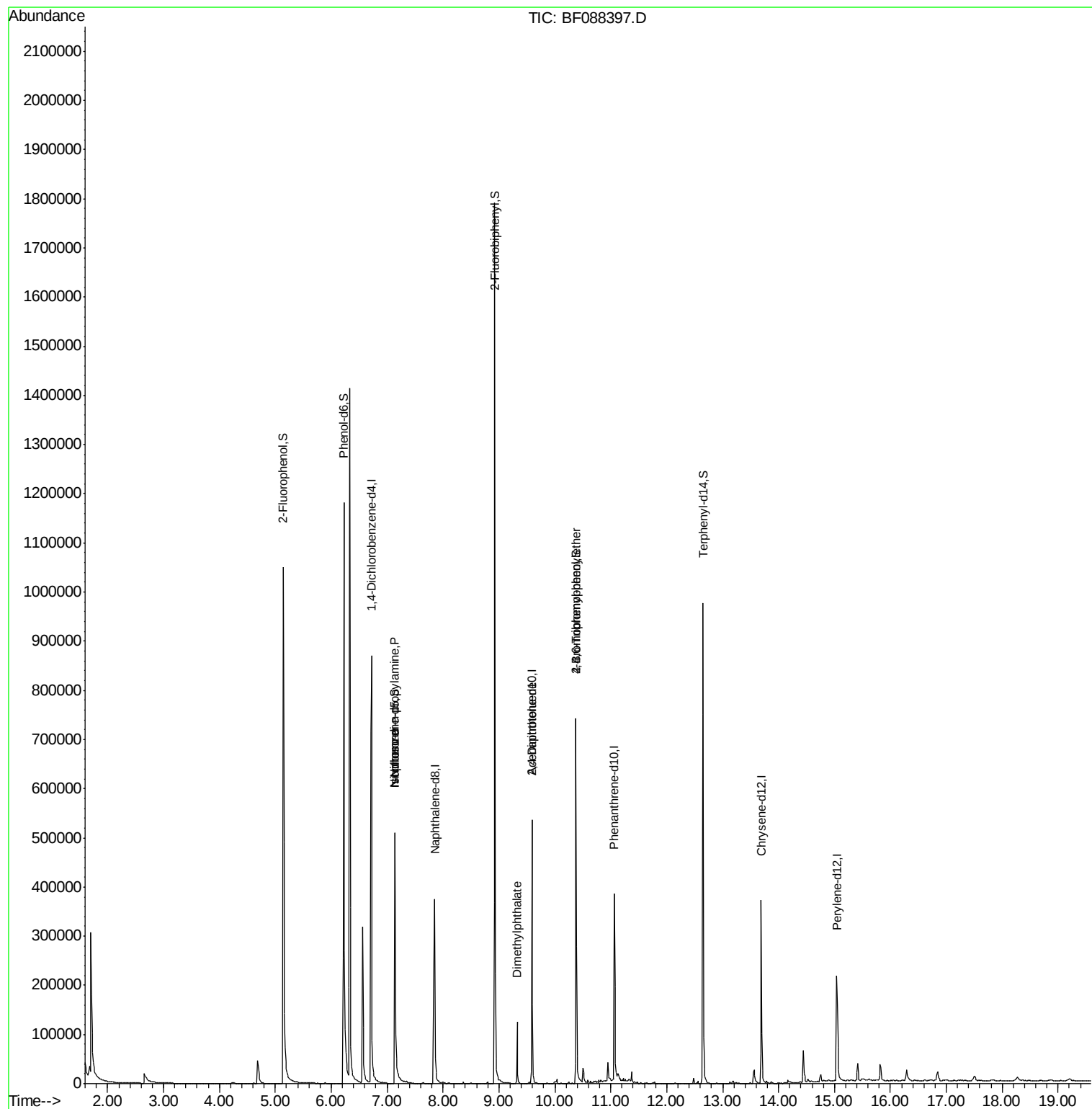
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	221223	20.00	ng	0.11
21) Naphthalene-d8	7.85	136	265570	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	115276	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	194764	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	151279	20.00	ng	-0.06
86) Perylene-d12	15.04	264	116258	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	449751	34.76	ng	-0.03
7) Phenol-d6	6.23	99	563069	35.90	ng	-0.03
23) Nitrobenzene-d5	7.13	82	334586	73.57	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	107425	88.26	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	621381	84.66	ng	-0.05
78) Terphenyl-d14	12.65	244	458151	68.92	ng	-0.05
Target Compounds						
10) Phenol	6.33	94	841	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	41513	4.14 ng	#	73
25) Isophorone	7.13	82	340730	40.45 ng	#	65
45) 1,1'-Biphenyl	8.92	154	863	Below Cal	#	1
49) Dimethylphthalate	9.32	163	56308	6.74 ng		100
56) 2,4-Dinitrotoluene	9.59	165	14412	5.86 ng	#	36
57) Fluorene	10.38	166	4785	Below Cal	#	90
66) 4-Bromophenyl-phenylether	10.38	248	6677	3.20 ng	#	1

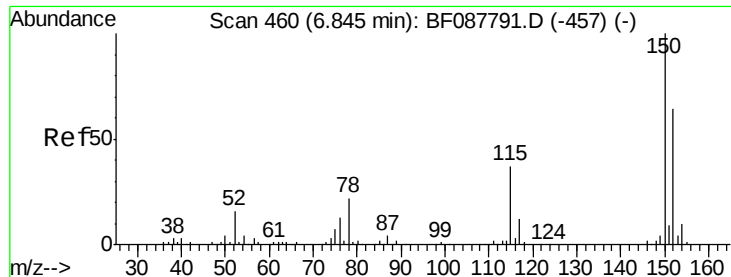
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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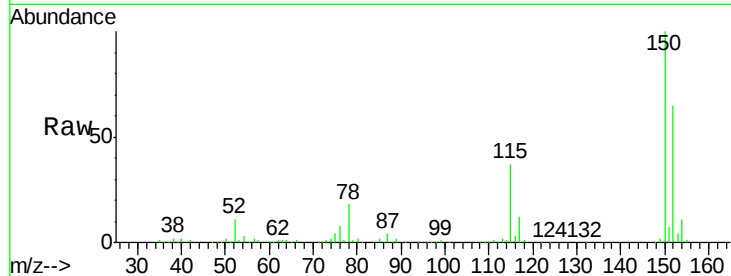




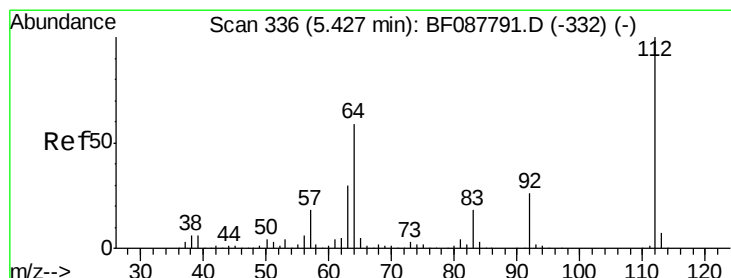
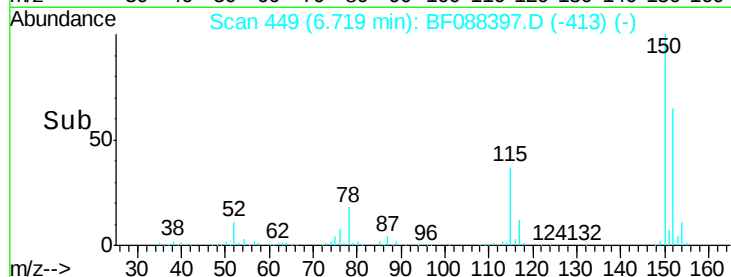
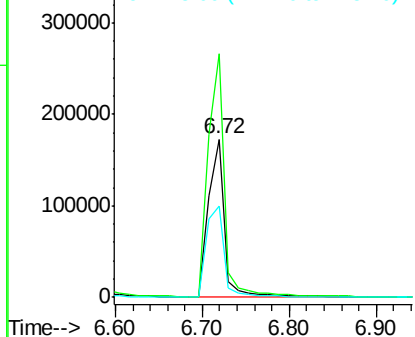
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.11 min
 Lab File: BF088397.D
 Acq: 26 Jun 2016 3:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Tgt Ion:152 Resp: 221223
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.8 185.6
 115 57.7 39.6 59.4

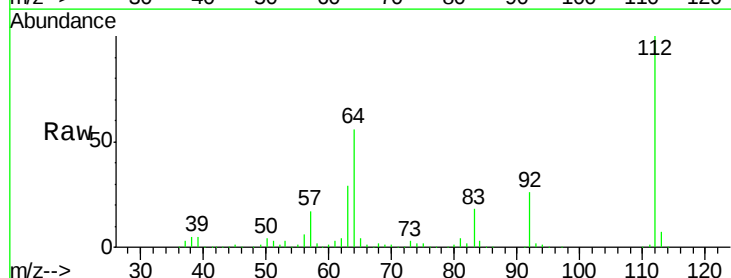


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

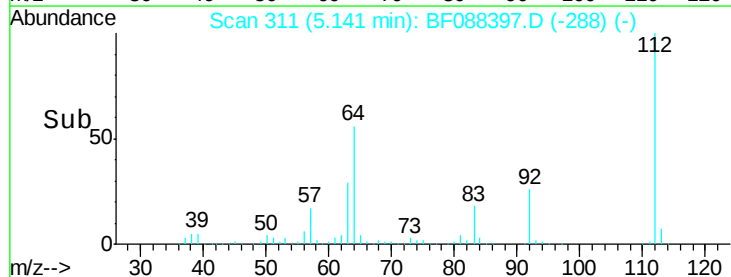
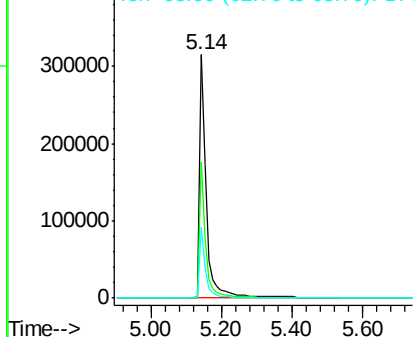


#5
 2-Fluorophenol
 Concen: 34.76 ng
 RT: 5.14 min Scan# 311
 Delta R.T. -0.03 min
 Lab File: BF088397.D
 Acq: 26 Jun 2016 3:09

Tgt Ion:112 Resp: 449751
 Ion Ratio Lower Upper
 112 100
 64 56.1 42.2 63.2
 63 28.9 21.8 32.8



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: 35.90 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

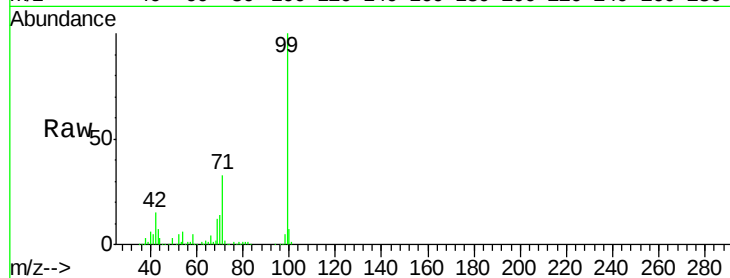
Tgt Ion: 99 Resp: 563069

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

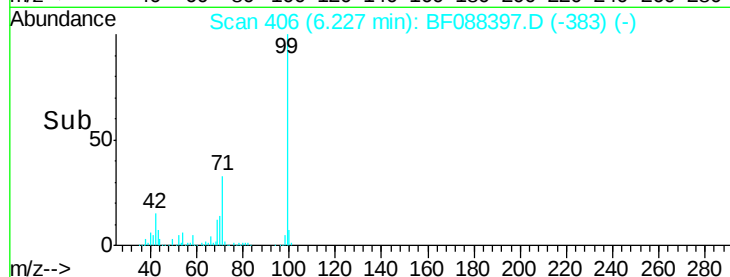
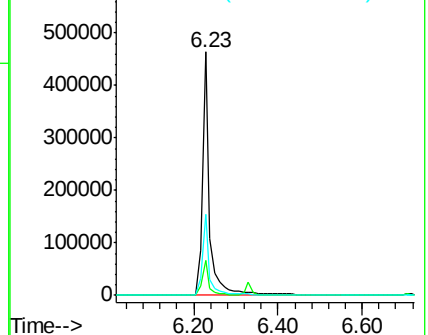
71 33.3 23.4 35.0



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



#10

Phenol

Concen: Below Cal

RT: 6.33 min Scan# 415

Delta R.T. 0.06 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

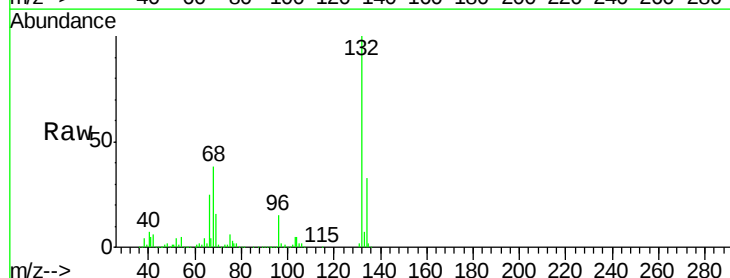
Tgt Ion: 94 Resp: 841

Ion Ratio Lower Upper

94 100

65 945.3 5.9 45.9#

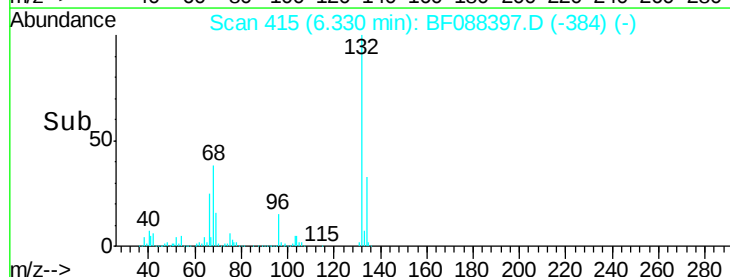
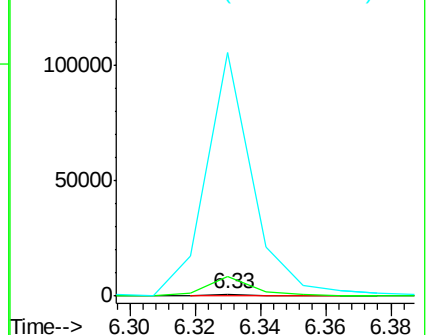
66 11919.7 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

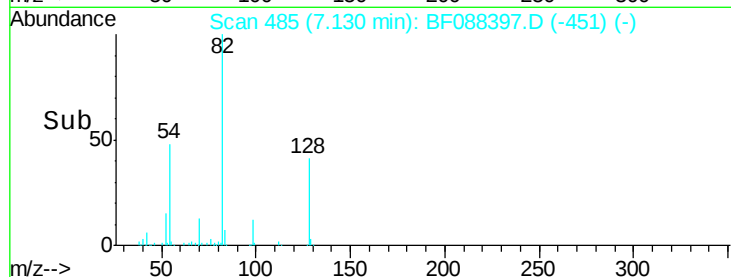
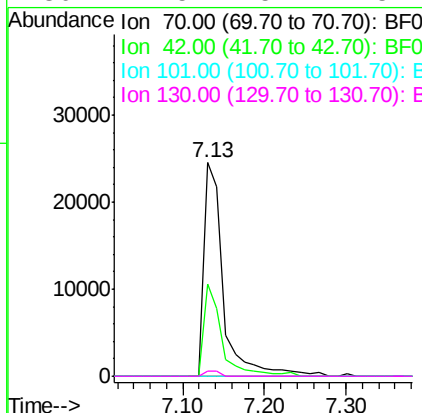
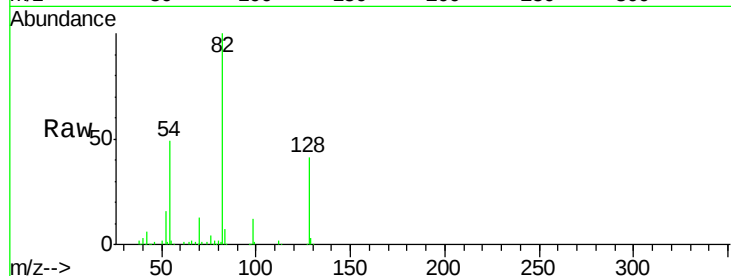




#19
n-Nitroso-di-n-propylamine
Concen: 4.14 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.09 min
Lab File: BF088397.D
Acq: 26 Jun 2016 3:09

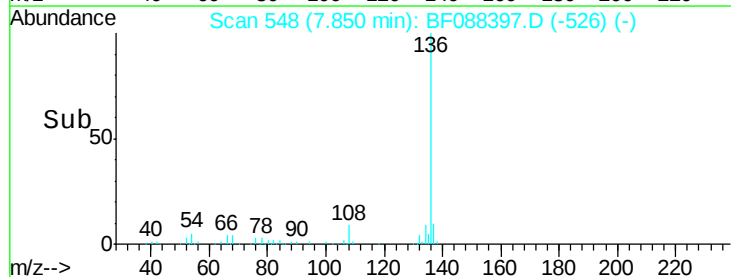
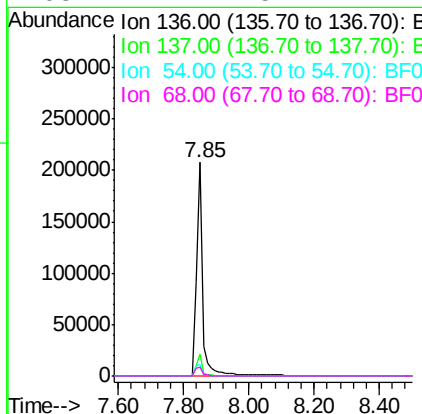
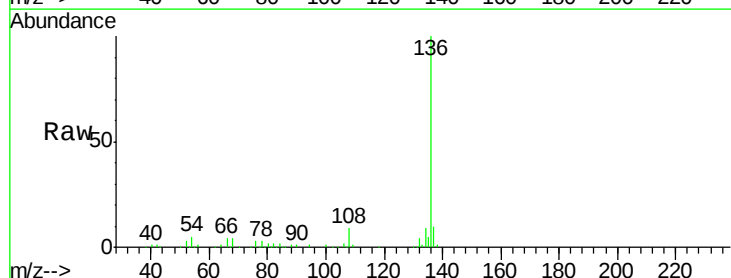
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tgt Ion: 70 Resp: 41513
Ion Ratio Lower Upper
70 100
42 43.1 49.6 74.4#
101 0.0 7.1 10.7#
130 2.5 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088397.D
Acq: 26 Jun 2016 3:09

Tgt Ion: 136 Resp: 265570
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 5.1 6.6 10.0#
68 4.4 5.1 7.7#

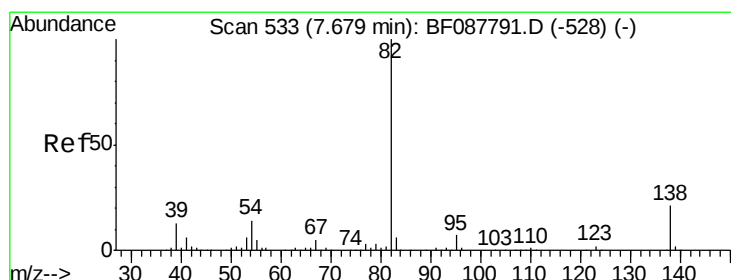
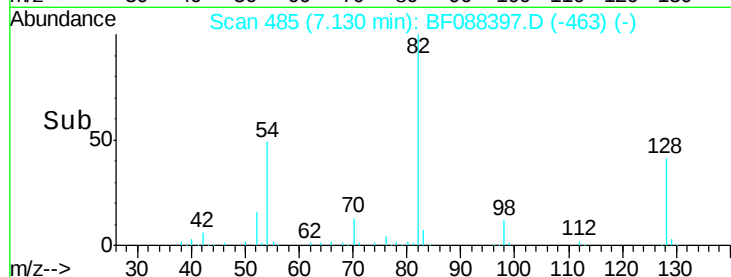
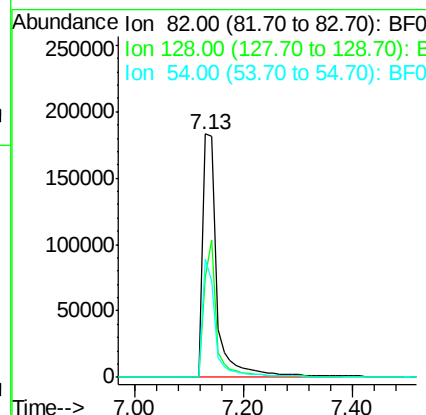
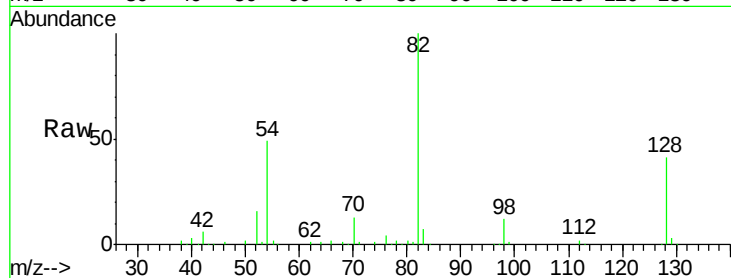




#23
 Nitrobenzene-d5
 Concen: 73.57 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.05 min
 Lab File: BF088397.D
 Acq: 26 Jun 2016 3:09

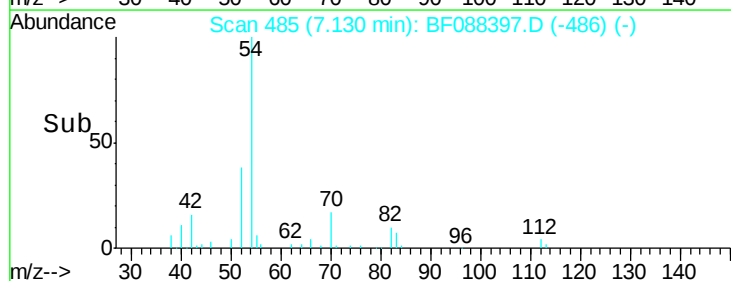
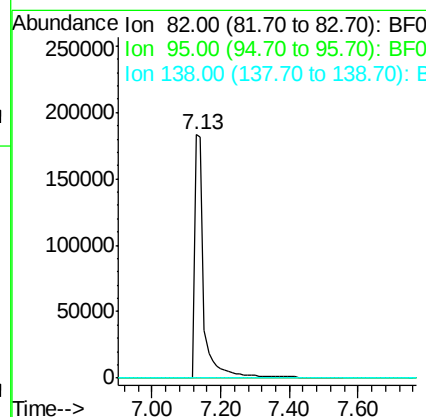
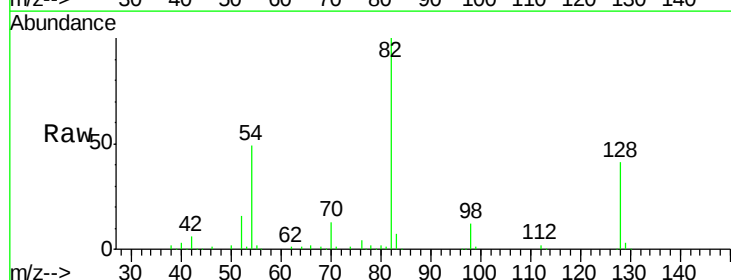
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

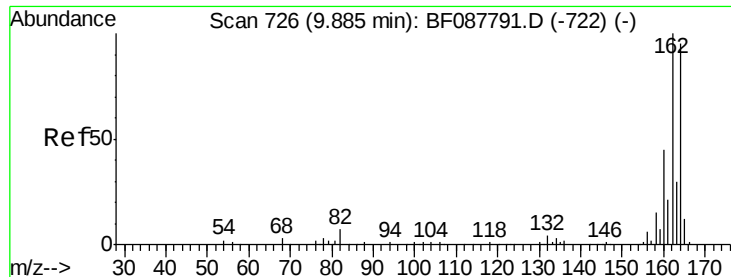
Tgt Ion: 82 Resp: 334586
 Ion Ratio Lower Upper
 82 100
 128 41.4 35.9 53.9
 54 48.5 40.9 61.3



#25
 Isophorone
 Concen: 40.45 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.31 min
 Lab File: BF088397.D
 Acq: 26 Jun 2016 3:09

Tgt Ion: 82 Resp: 340730
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

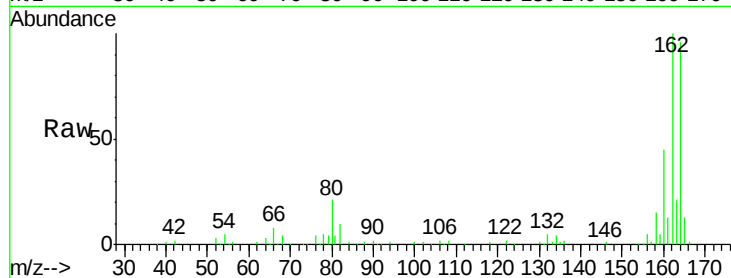
Tgt Ion:164 Resp: 115276

Ion Ratio Lower Upper

164 100

162 104.6 85.4 128.2

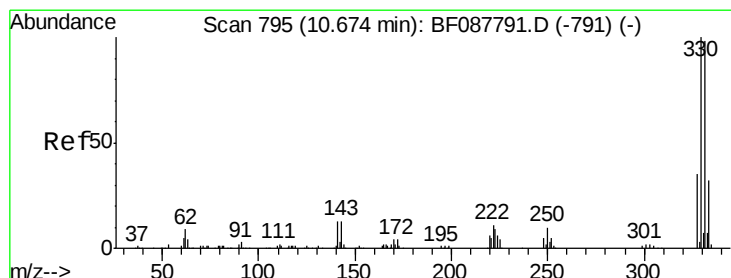
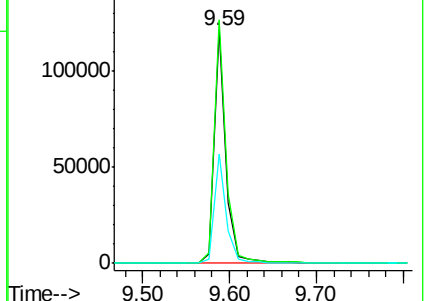
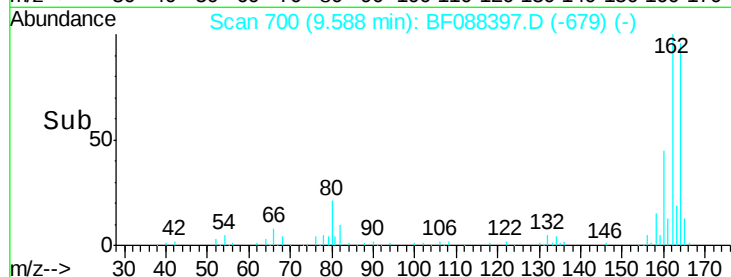
160 47.0 39.5 59.3



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: 88.26 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.06 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

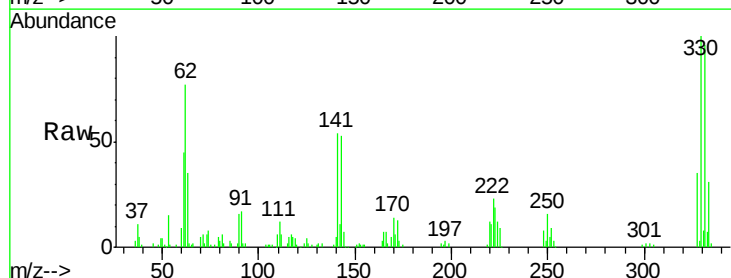
Tgt Ion:330 Resp: 107425

Ion Ratio Lower Upper

330 100

332 97.8 0.0 0.0#

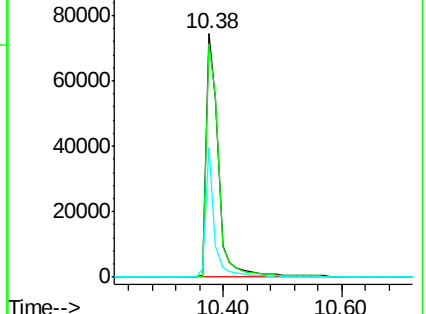
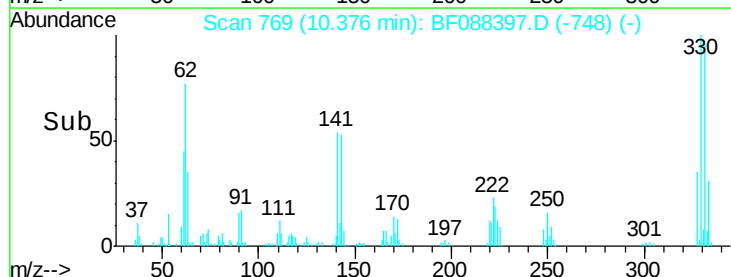
141 38.4 0.0 0.0#



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

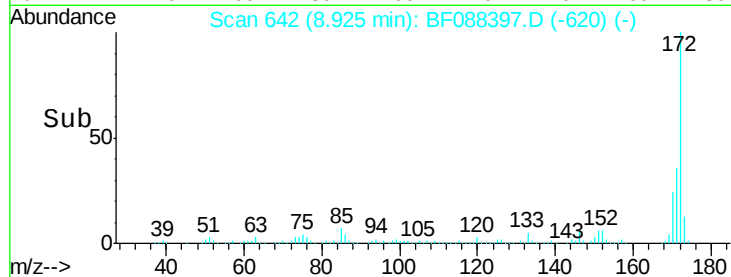
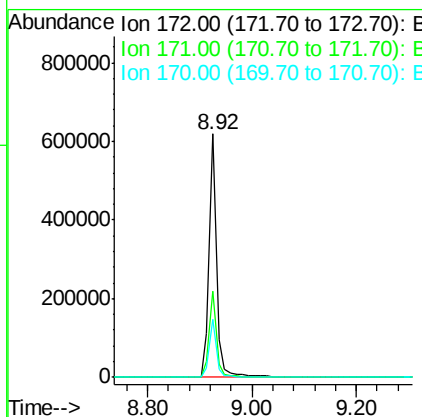
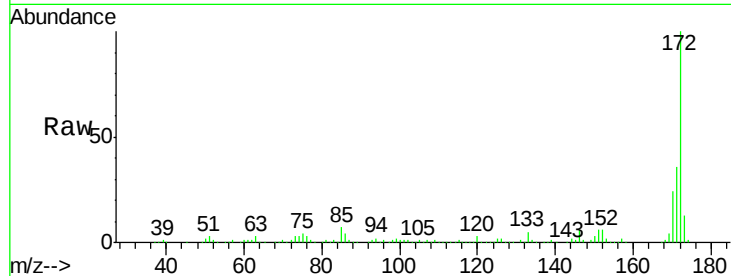




#44
 2-Fluorobiphenyl
 Concen: 84.66 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088397.D
 Acq: 26 Jun 2016 3:09

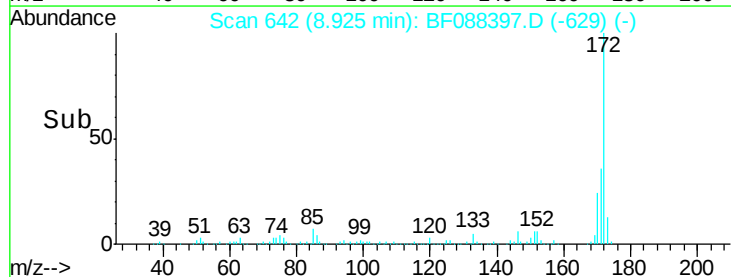
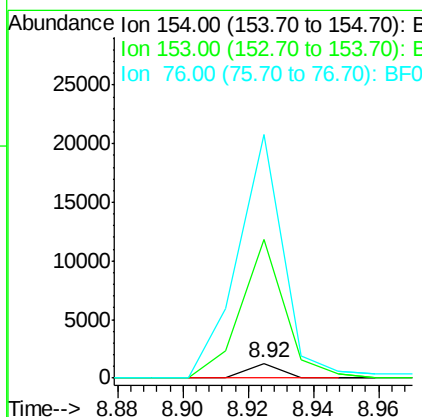
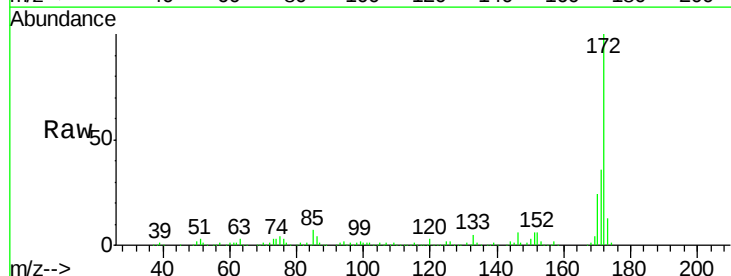
Instrument :
 BNA_F
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 SB-17-COMP

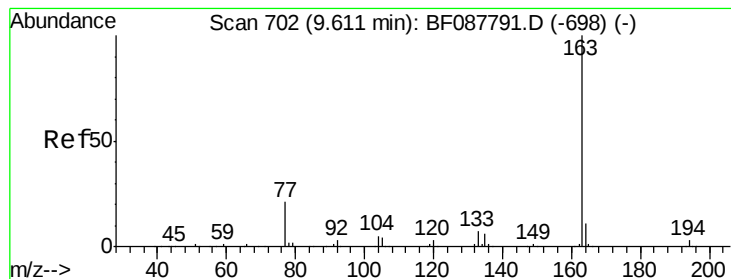
Tgt Ion:172 Resp: 621381
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.8 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.92 min Scan# 642
 Delta R.T. -0.15 min
 Lab File: BF088397.D
 Acq: 26 Jun 2016 3:09

Tgt Ion:154 Resp: 863
 Ion Ratio Lower Upper
 154 100
 153 944.3 20.6 60.6#
 76 1651.5 0.0 35.1#





#49

Dimethylphthalate

Concen: 6.74 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

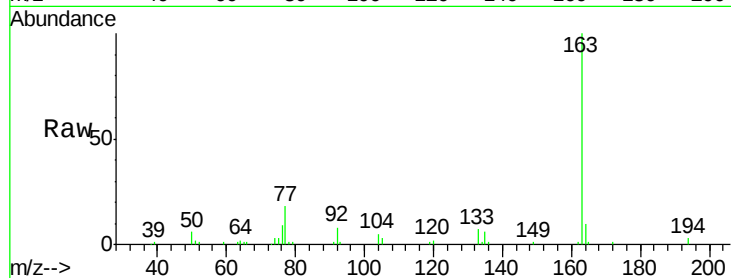
Tgt Ion:163 Resp: 56308

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

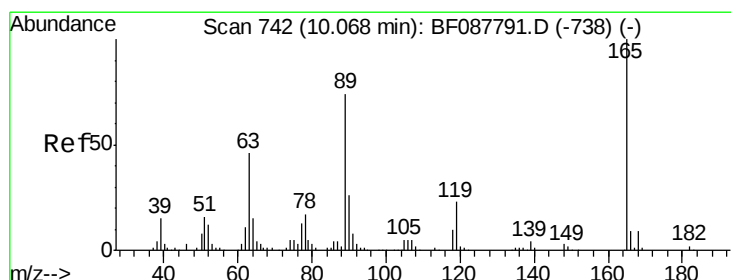
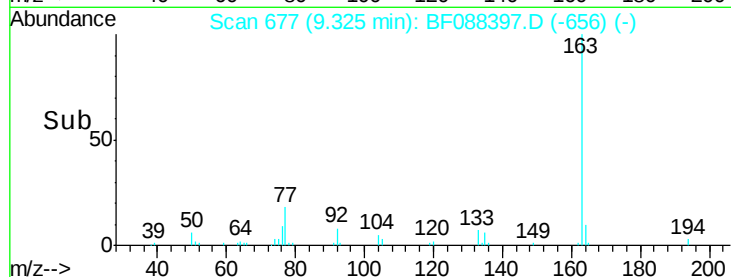
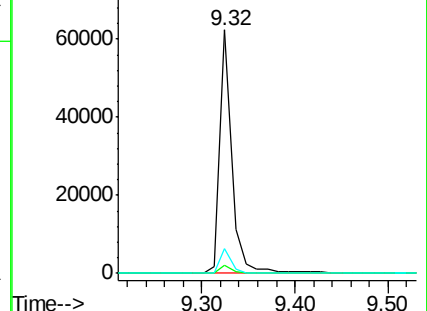
164 10.3 8.3 12.5



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: 5.86 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.26 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Tgt Ion:165 Resp: 14412

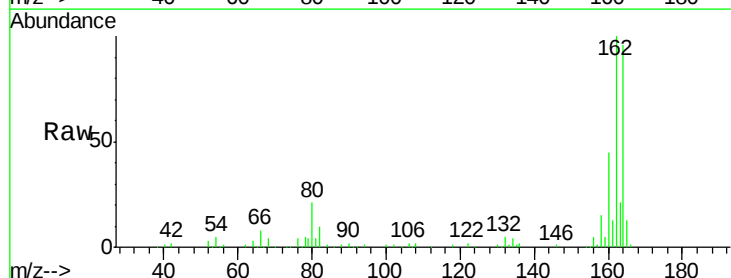
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

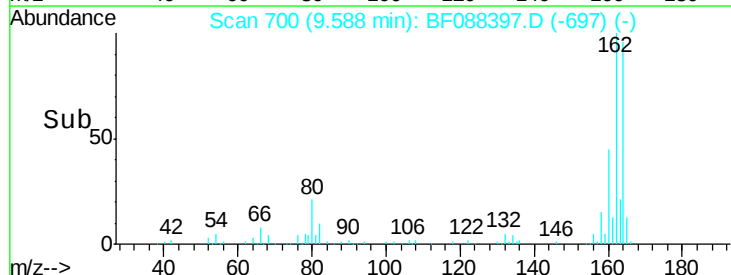
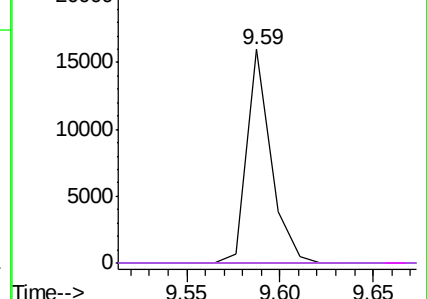


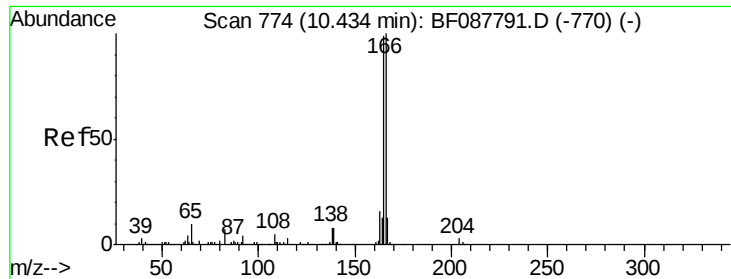
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.38 min Scan# 769

Delta R.T. 0.18 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Instrument :

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ClientSampleId :

SB-17-COMP

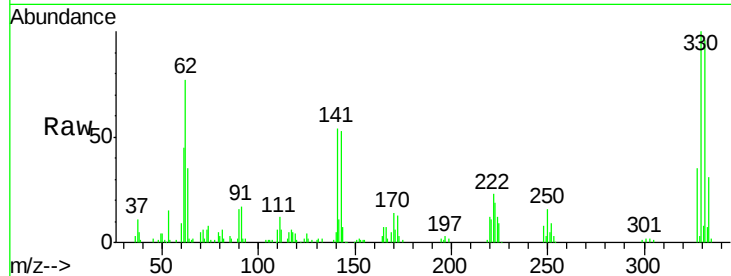
Tgt Ion:166 Resp: 4785

Ion Ratio Lower Upper

166 100

165 101.3 77.8 116.8

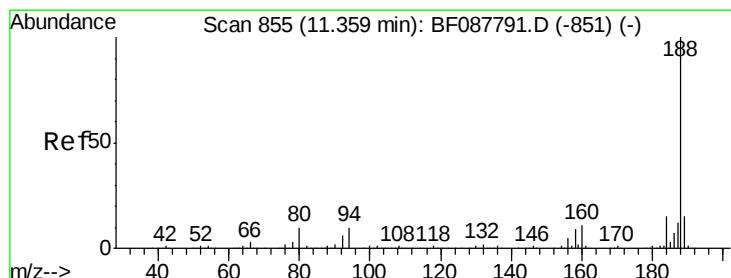
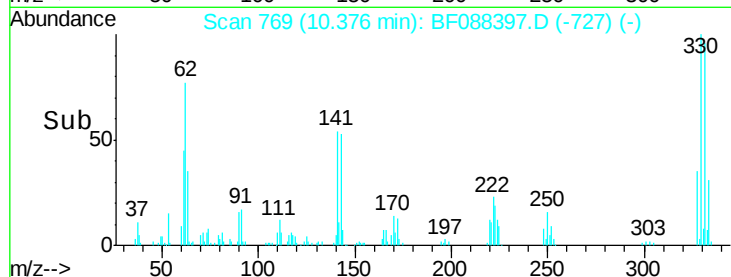
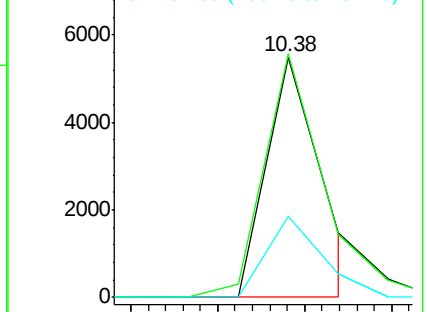
167 33.5 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

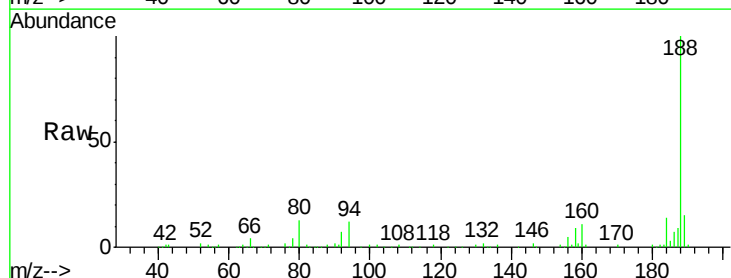
Tgt Ion:188 Resp: 194764

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.6

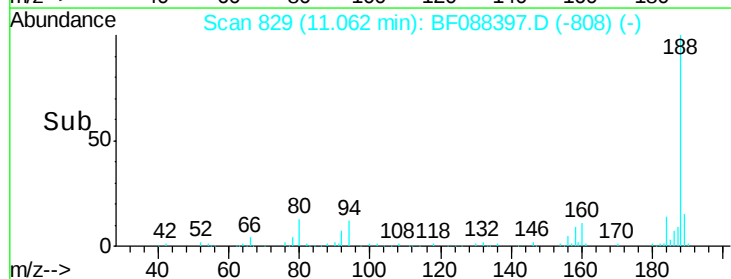
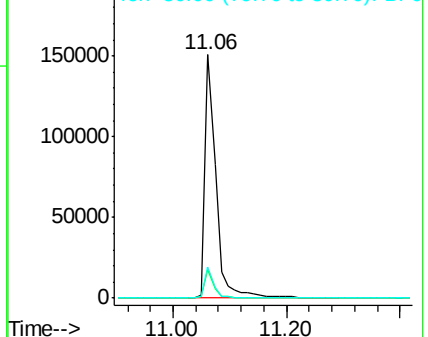
80 12.7 10.0 15.0

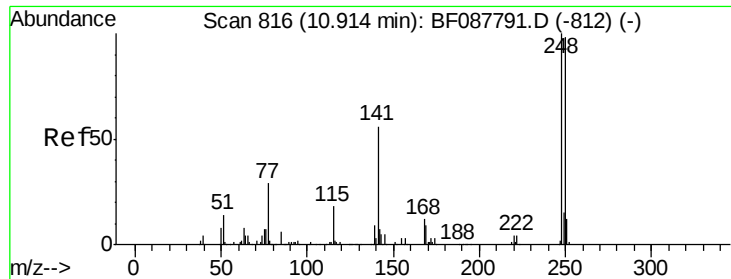


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.20 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.30 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

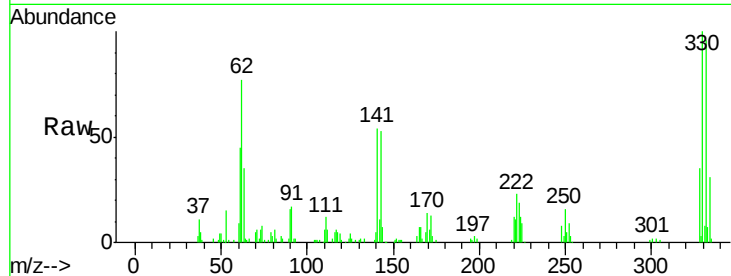
Tgt Ion:248 Resp: 6677

Ion Ratio Lower Upper

248 100

250 191.9 77.1 115.7#

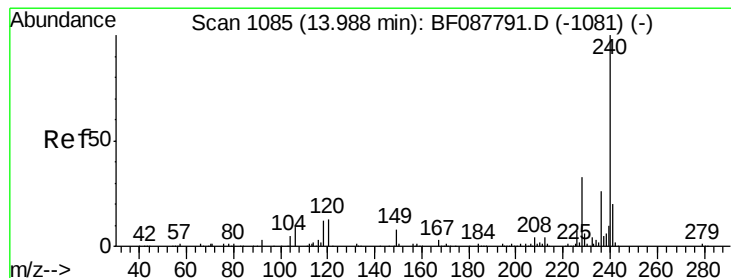
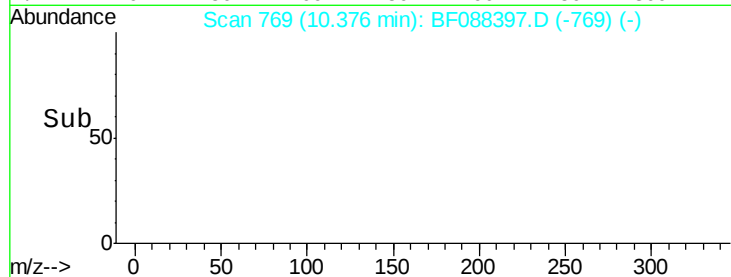
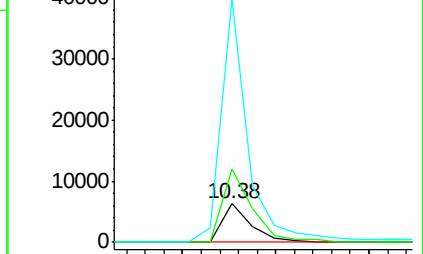
141 636.7 50.6 76.0#



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: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

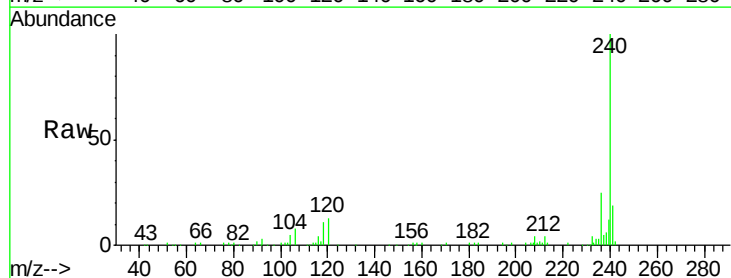
Tgt Ion:240 Resp: 151279

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

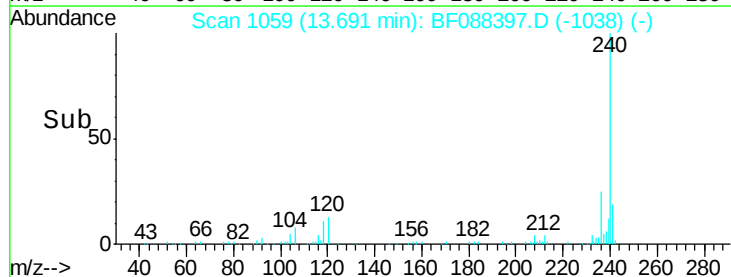
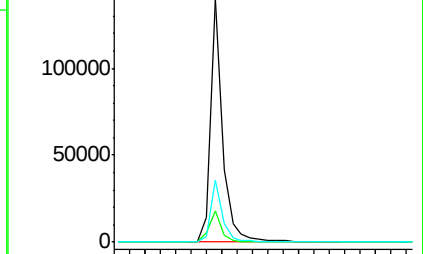
236 25.5 20.2 30.2

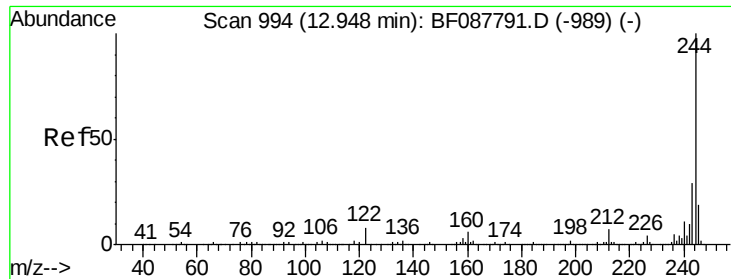


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.92 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

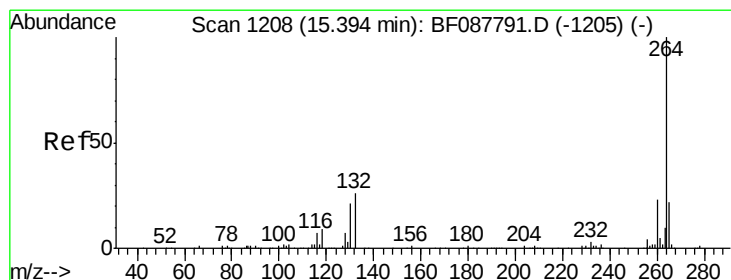
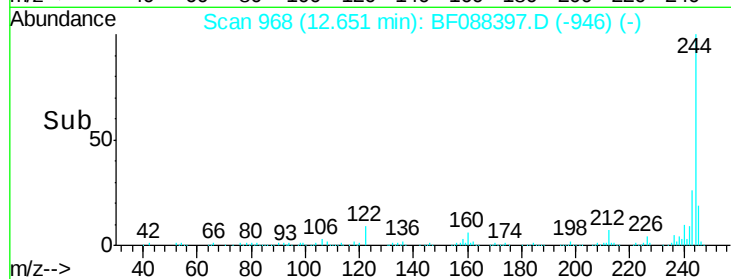
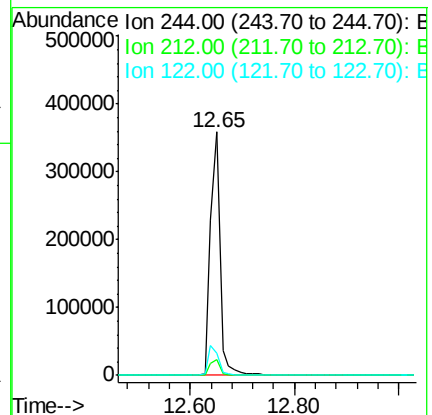
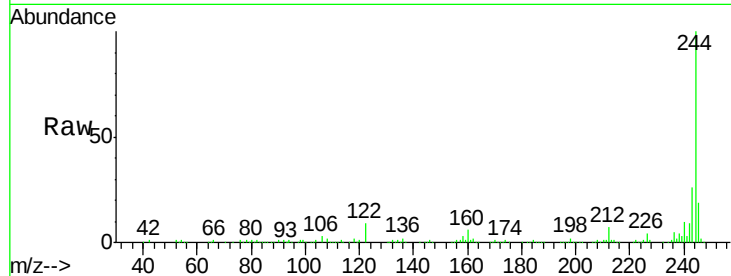
Tgt Ion:244 Resp: 458151

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 9.1 11.2 16.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.07 min

Lab File: BF088397.D

Acq: 26 Jun 2016 3:09

Tgt Ion:264 Resp: 116258

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 16.9 25.3

