

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088396.D
 Acq On : 26 Jun 2016 2:40
 Operator : UM/SJ
 Sample : H3745-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Quant Time: Jun 26 03:53:37 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

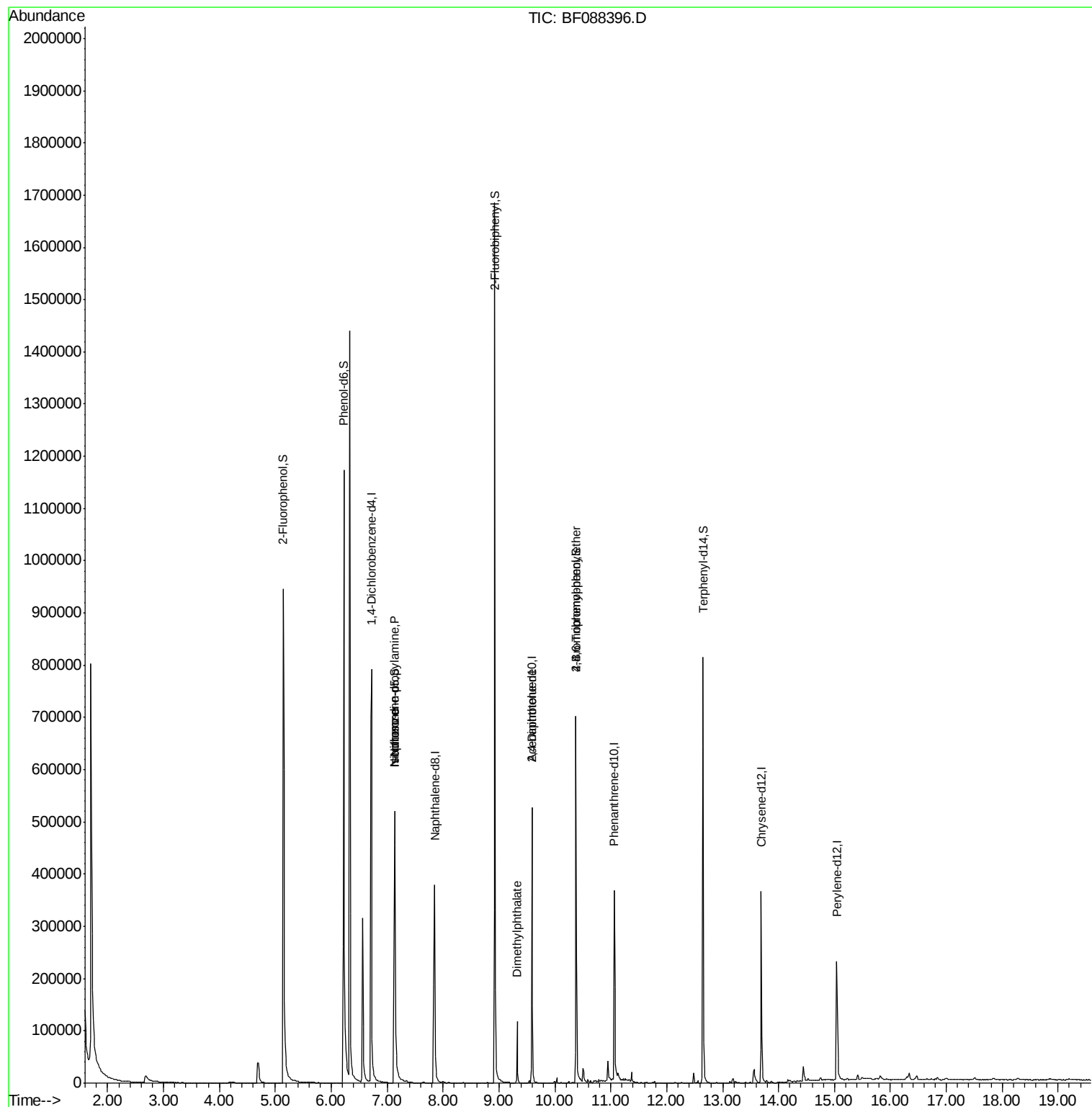
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	207329	20.00	ng	0.11
21) Naphthalene-d8	7.85	136	261220	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	113636	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	185360	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	147845	20.00	ng	-0.06
86) Perylene-d12	15.04	264	116667	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	457208	37.70	ng	-0.03
7) Phenol-d6	6.23	99	559703	38.08	ng	-0.03
23) Nitrobenzene-d5	7.13	82	322652	72.13	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	102162	85.14	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	573587	78.90	ng	-0.05
78) Terphenyl-d14	12.65	244	387623	59.66	ng	-0.05
Target Compounds						
10) Phenol	6.33	94	1154	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	40231	4.28 ng	#	73
25) Isophorone	7.13	82	330507	39.89 ng	#	65
45) 1,1'-Biphenyl	8.92	154	836	Below Cal	#	1
49) Dimethylphthalate	9.32	163	53281	6.47 ng		99
56) 2,4-Dinitrotoluene	9.59	165	13893	5.73 ng	#	36
57) Fluorene	10.38	166	4537	Below Cal	#	91
66) 4-Bromophenyl-phenylether	10.38	248	5927	2.98 ng	#	1

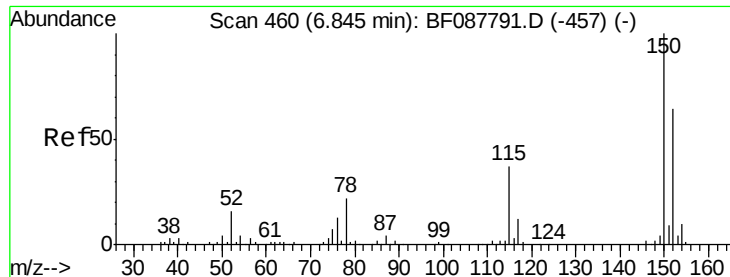
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088396.D
Acq On : 26 Jun 2016 2:40
Operator : UM/SJ
Sample : H3745-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

Quant Time: Jun 26 03:53:37 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

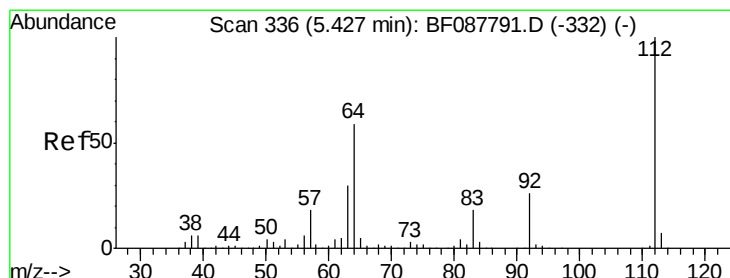
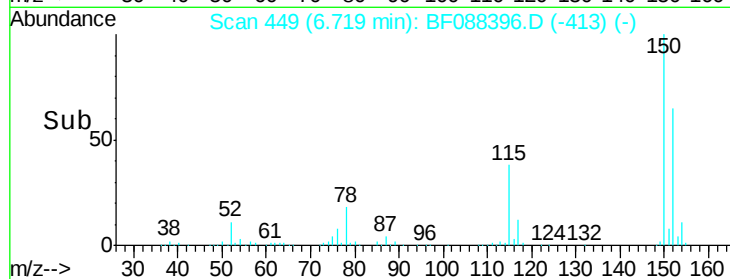
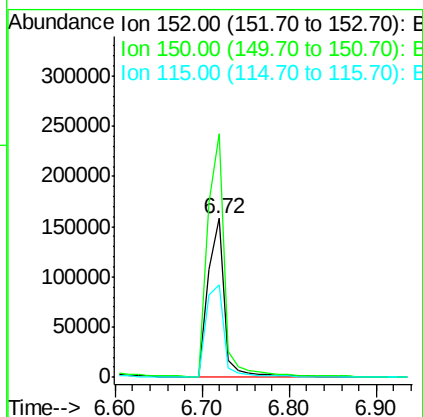
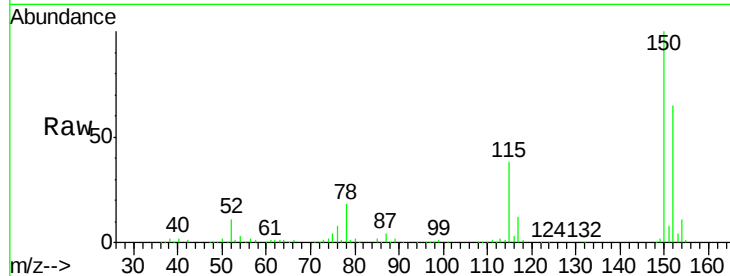




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.11 min
 Lab File: BF088396.D
 Acq: 26 Jun 2016 2:40

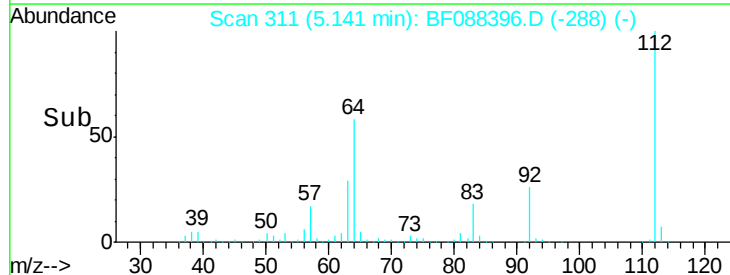
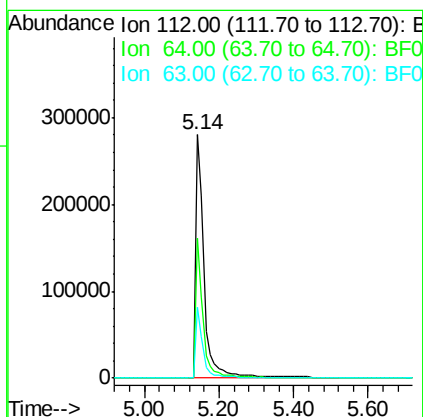
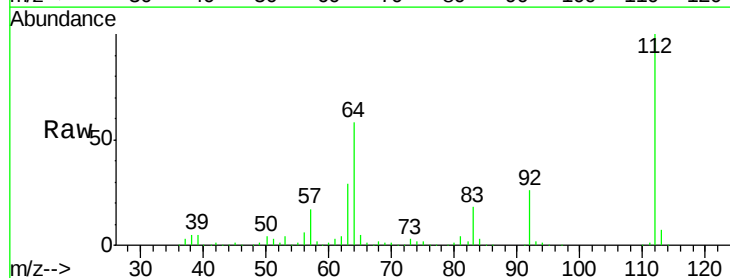
Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tgt Ion:152 Resp: 207329
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.8 185.6
 115 58.1 39.6 59.4



#5
 2-Fluorophenol
 Concen: 37.70 ng
 RT: 5.14 min Scan# 311
 Delta R.T. -0.03 min
 Lab File: BF088396.D
 Acq: 26 Jun 2016 2:40

Tgt Ion:112 Resp: 457208
 Ion Ratio Lower Upper
 112 100
 64 57.6 42.2 63.2
 63 29.3 21.8 32.8





#7

Phenol-d6

Concen: 38.08 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088396.D

Acq: 26 Jun 2016 2:40

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

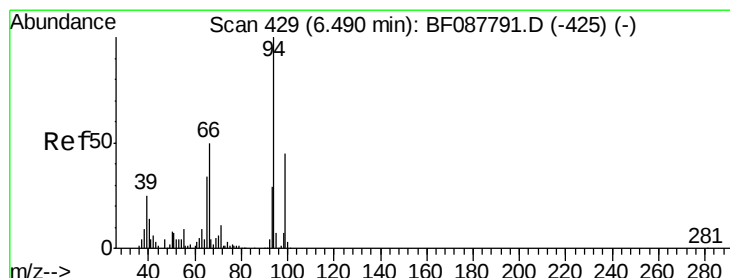
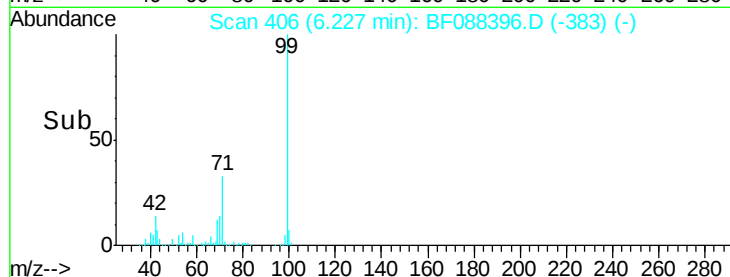
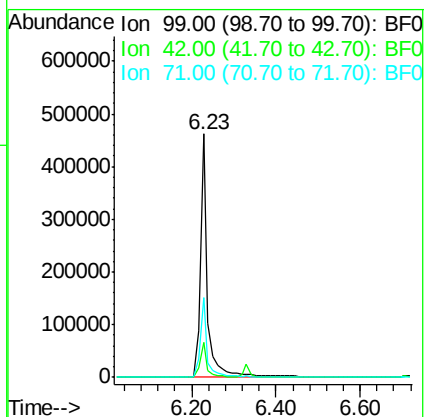
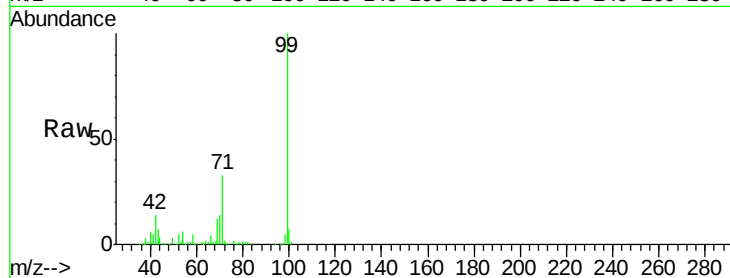
Tgt Ion: 99 Resp: 559703

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

71 32.8 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.33 min Scan# 415

Delta R.T. 0.06 min

Lab File: BF088396.D

Acq: 26 Jun 2016 2:40

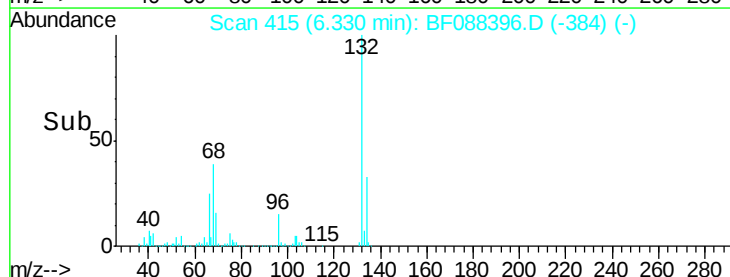
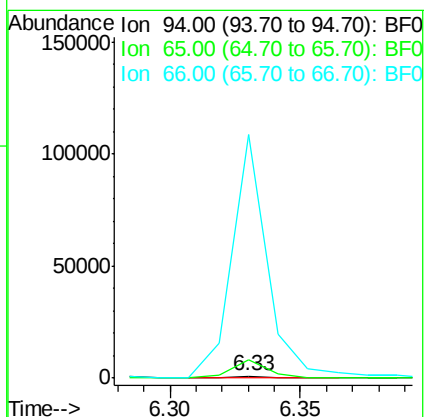
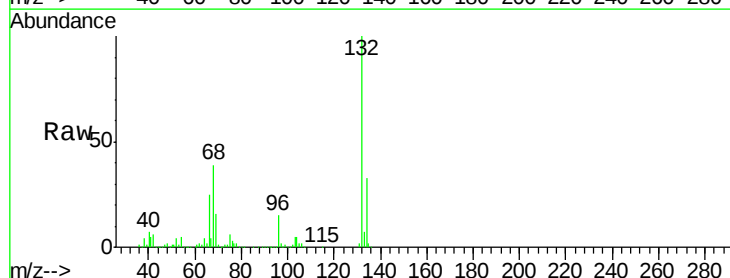
Tgt Ion: 94 Resp: 1154

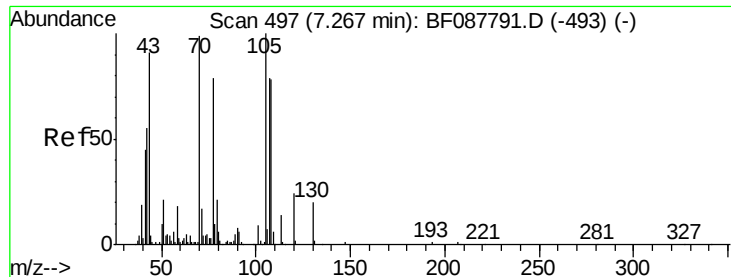
Ion Ratio Lower Upper

94 100

65 813.8 5.9 45.9#

66 10596.5 14.0 54.0#

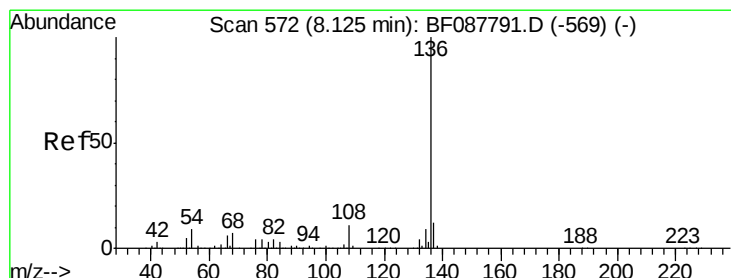
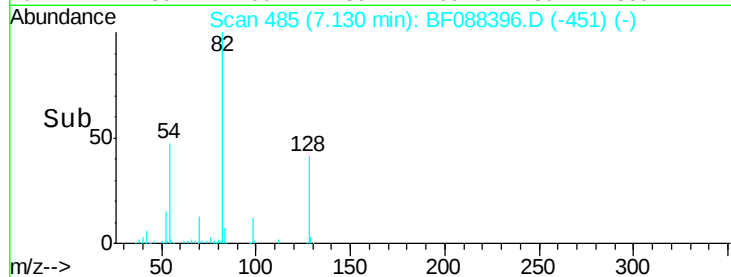
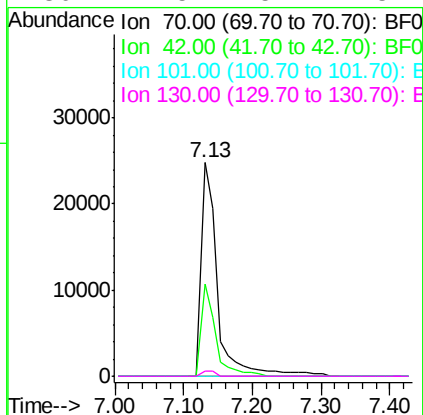
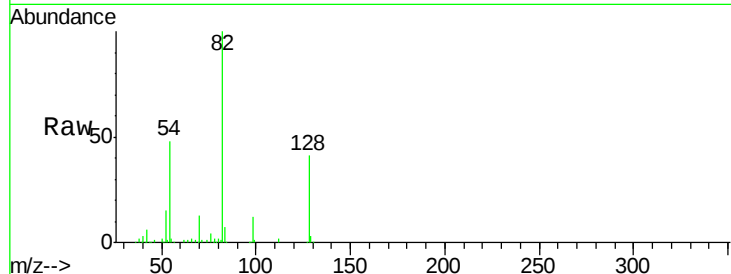




#19
n-Nitroso-di-n-propylamine
Concen: 4.28 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.09 min
Lab File: BF088396.D
Acq: 26 Jun 2016 2:40

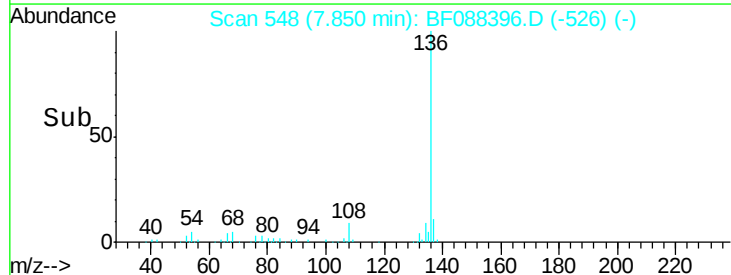
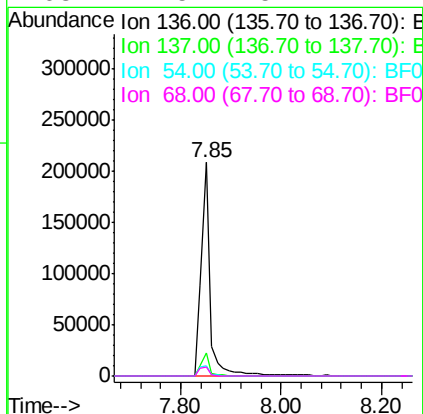
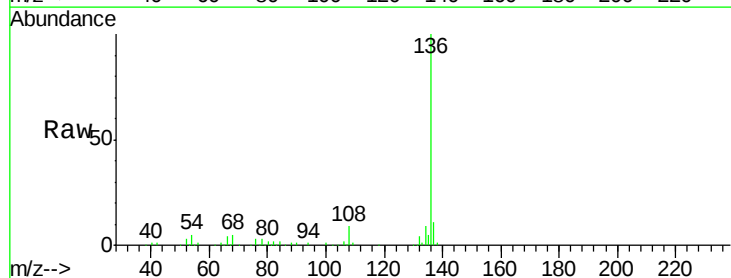
Instrument :
BNA_F
ClientSampleId :
SB-11-COMP

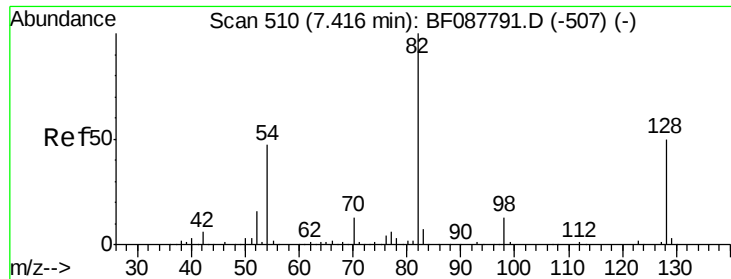
Tgt Ion: 70 Resp: 40231
Ion Ratio Lower Upper
70 100
42 43.2 49.6 74.4#
101 0.0 7.1 10.7#
130 2.5 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088396.D
Acq: 26 Jun 2016 2:40

Tgt Ion: 136 Resp: 261220
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.0 6.6 10.0#
68 4.5 5.1 7.7#

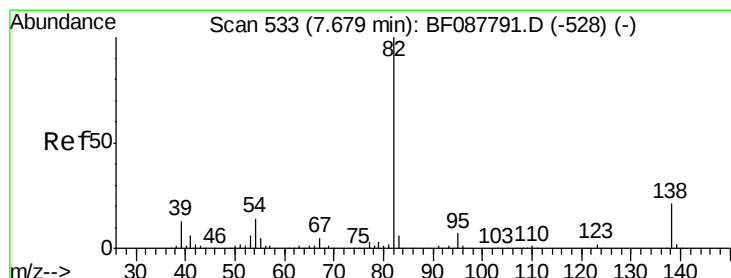
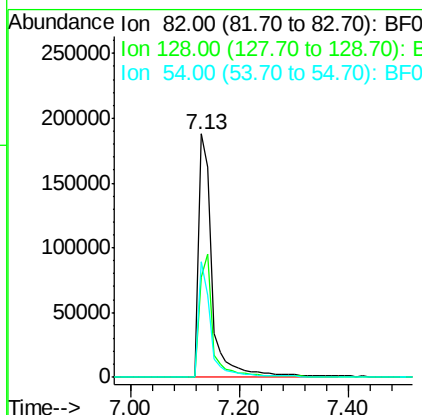
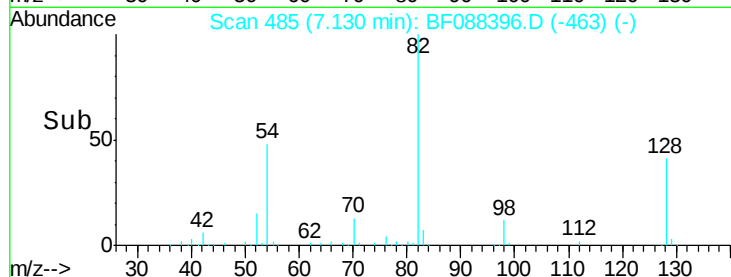
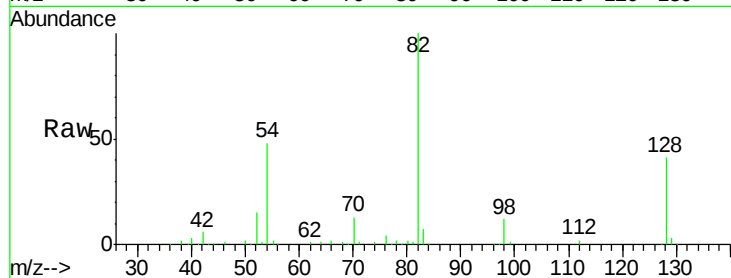




#23
 Nitrobenzene-d5
 Concen: 72.13 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.05 min
 Lab File: BF088396.D
 Acq: 26 Jun 2016 2:40

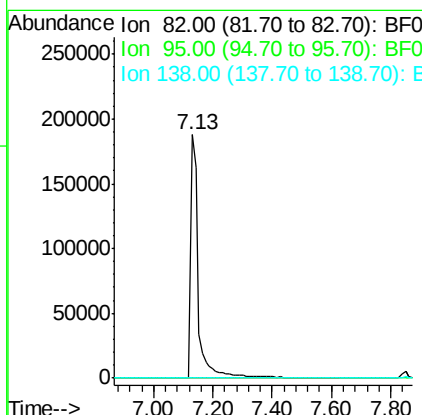
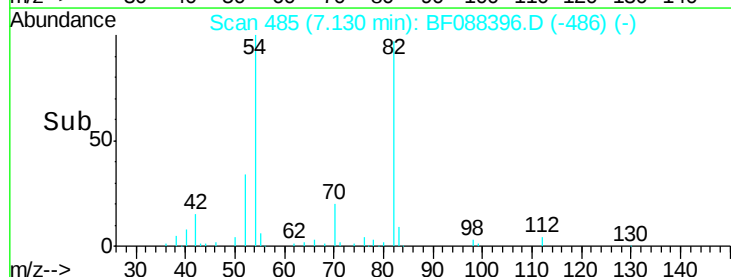
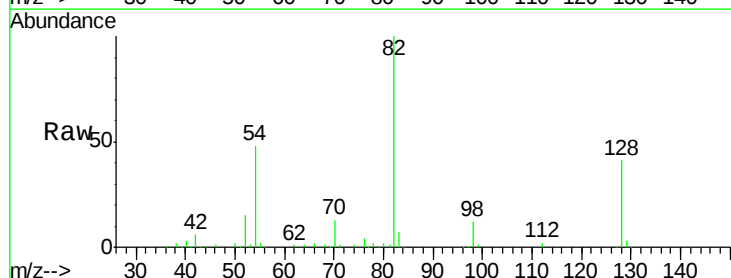
Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

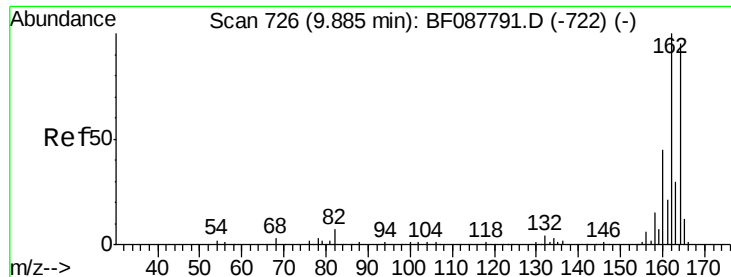
Tgt Ion: 82 Resp: 322652
 Ion Ratio Lower Upper
 82 100
 128 41.1 35.9 53.9
 54 47.7 40.9 61.3



#25
 Isophorone
 Concen: 39.89 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.31 min
 Lab File: BF088396.D
 Acq: 26 Jun 2016 2:40

Tgt Ion: 82 Resp: 330507
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#

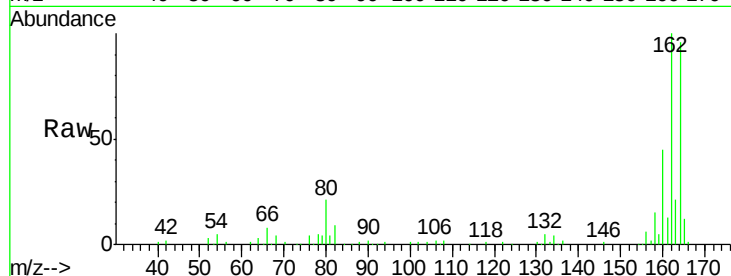




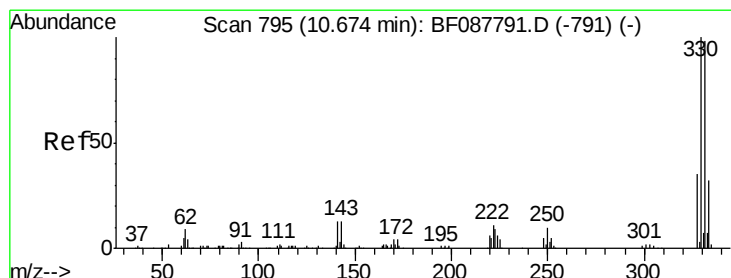
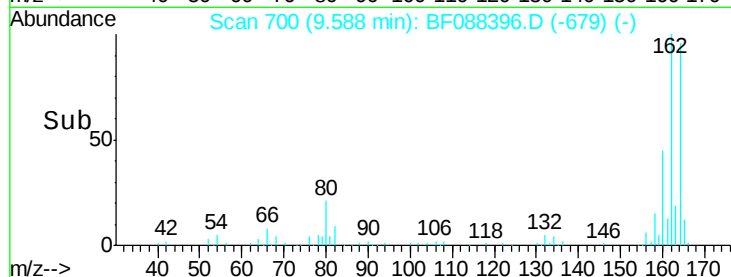
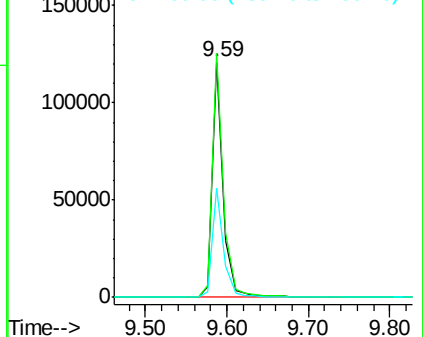
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF088396.D
 Acq: 26 Jun 2016 2:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tgt Ion:164 Resp: 113636
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.4 128.2
 160 46.6 39.5 59.3

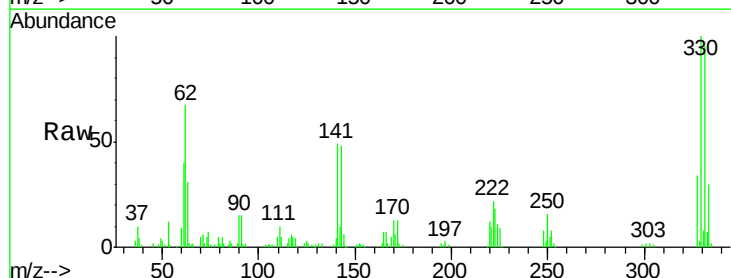


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

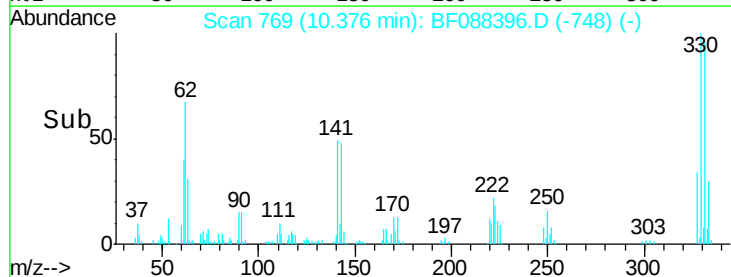
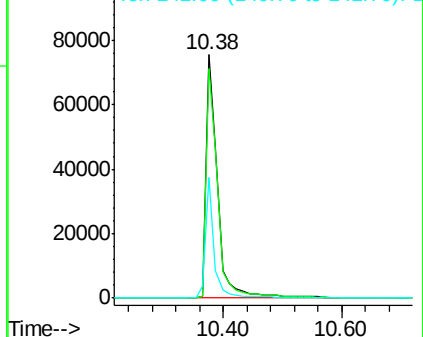


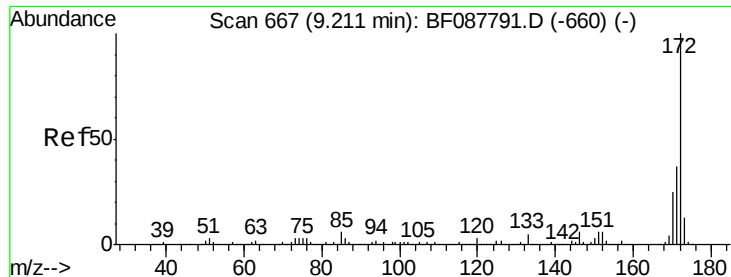
#41
 2,4,6-Tribromophenol
 Concen: 85.14 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF088396.D
 Acq: 26 Jun 2016 2:40

Tgt Ion:330 Resp: 102162
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 38.1 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

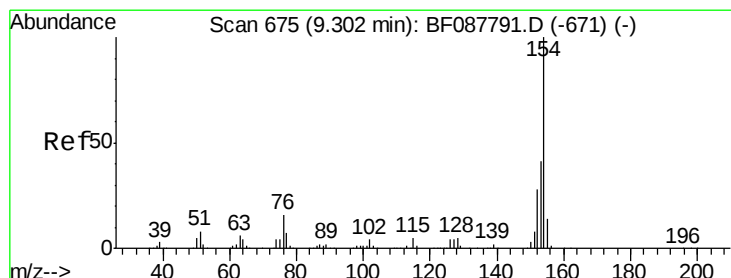
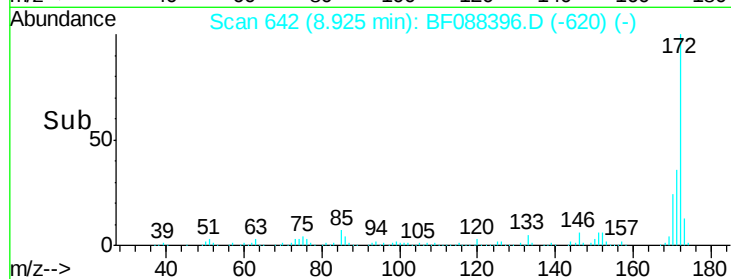
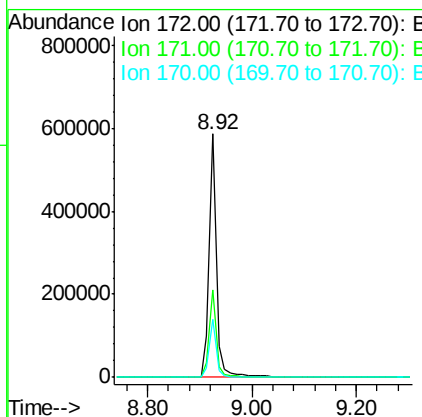
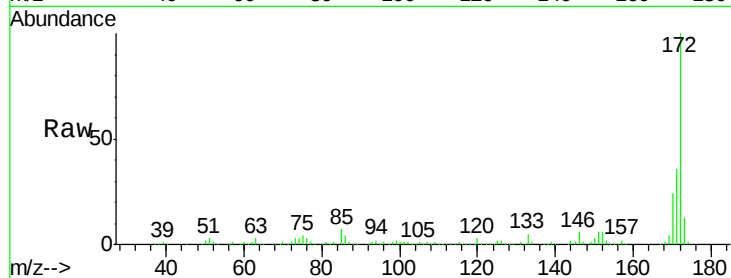




#44
 2-Fluorobiphenyl
 Concen: 78.90 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088396.D
 Acq: 26 Jun 2016 2:40

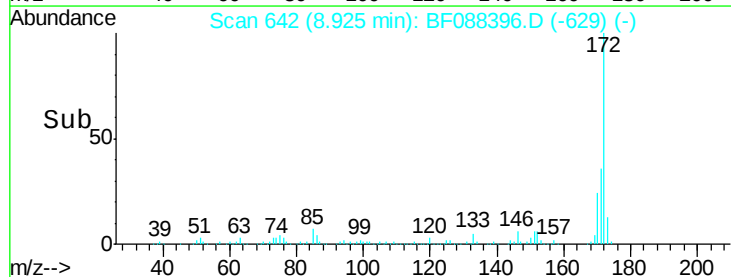
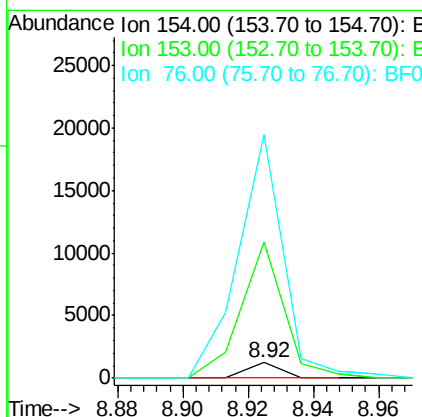
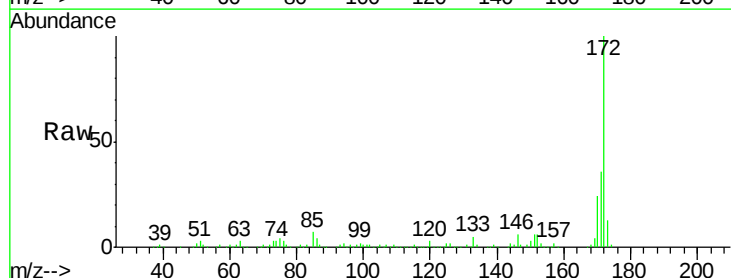
Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

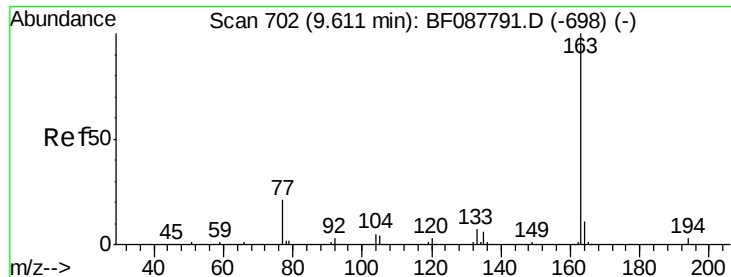
Tgt Ion:172 Resp: 573587
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.9 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.92 min Scan# 642
 Delta R.T. -0.15 min
 Lab File: BF088396.D
 Acq: 26 Jun 2016 2:40

Tgt Ion:154 Resp: 836
 Ion Ratio Lower Upper
 154 100
 153 895.5 20.6 60.6#
 76 1597.4 0.0 35.1#





#49

Dimethylphthalate

Concen: 6.47 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088396.D

Acq: 26 Jun 2016 2:40

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

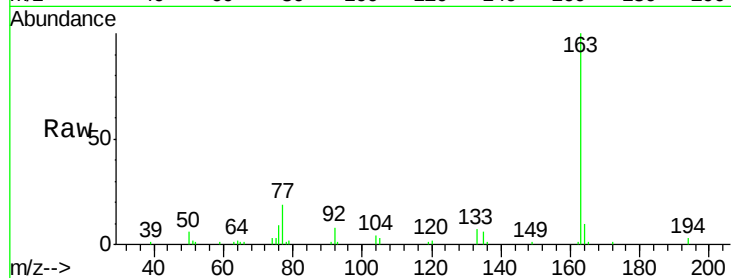
Tgt Ion:163 Resp: 53281

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

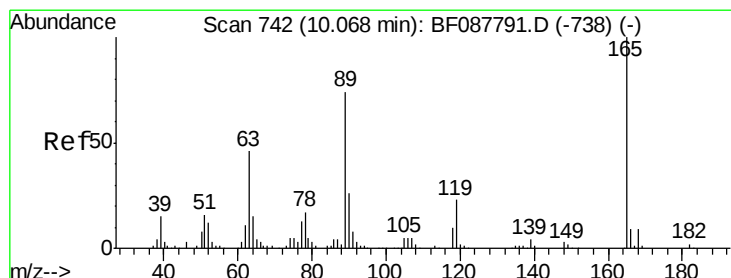
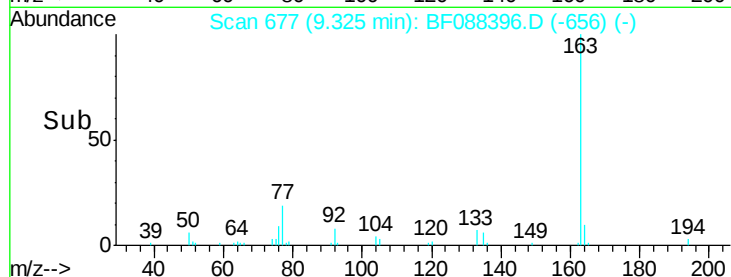
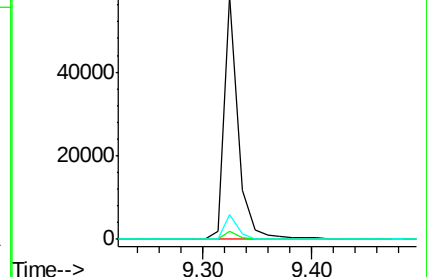
164 10.2 8.3 12.5



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: 5.73 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.26 min

Lab File: BF088396.D

Acq: 26 Jun 2016 2:40

Tgt Ion:165 Resp: 13893

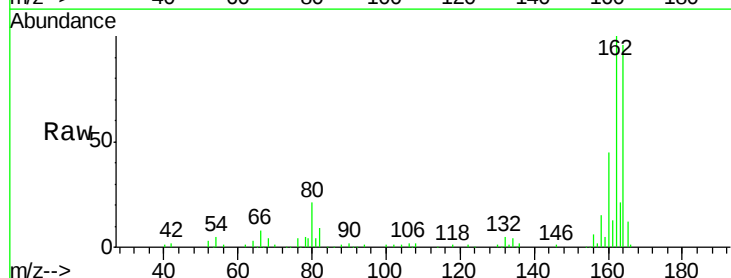
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

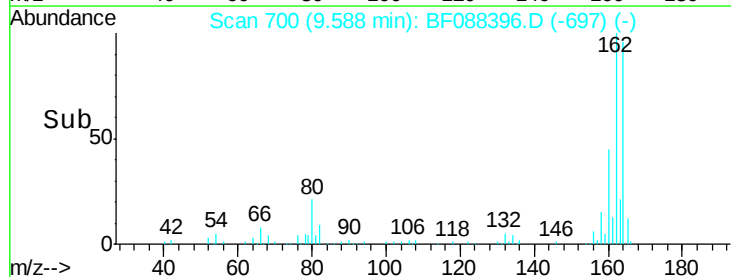
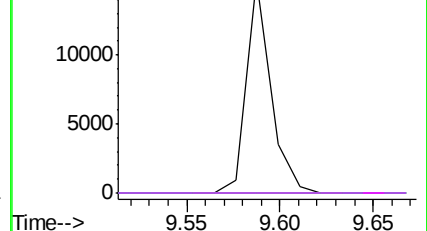


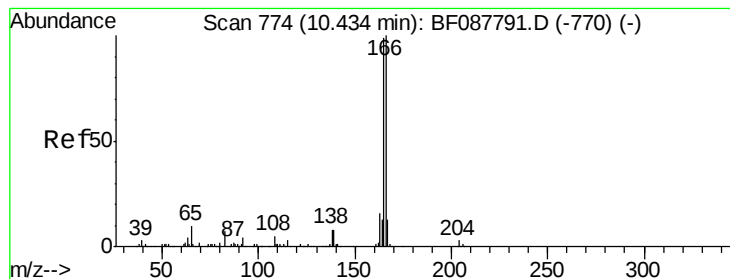
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF088396.D

Acq: 26 Jun 2016 2:40

Instrument :

BNA_F

ClientSampleId :

SB-11-COMP

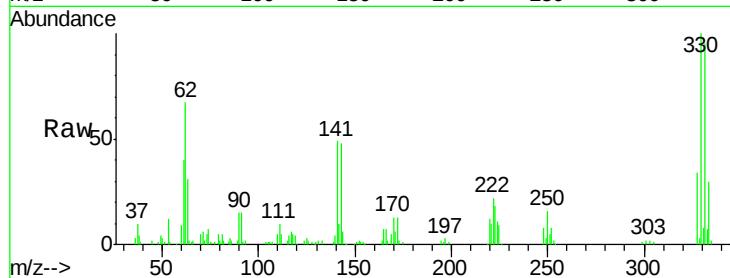
Tgt Ion:166 Resp: 4537

Ion Ratio Lower Upper

166 100

165 100.2 77.8 116.8

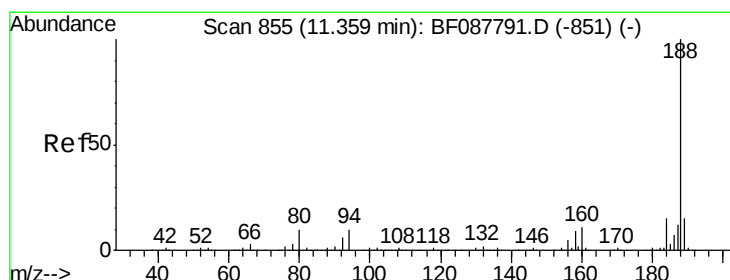
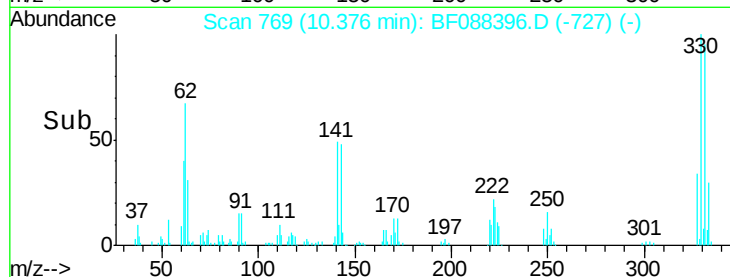
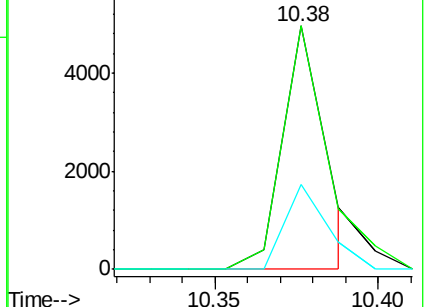
167 35.2 11.2 16.8#



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: BF088396.D

Acq: 26 Jun 2016 2:40

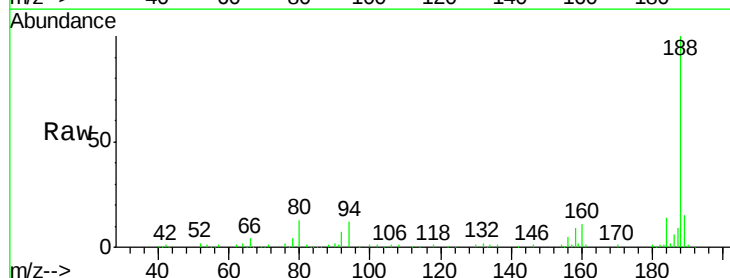
Tgt Ion:188 Resp: 185360

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.6

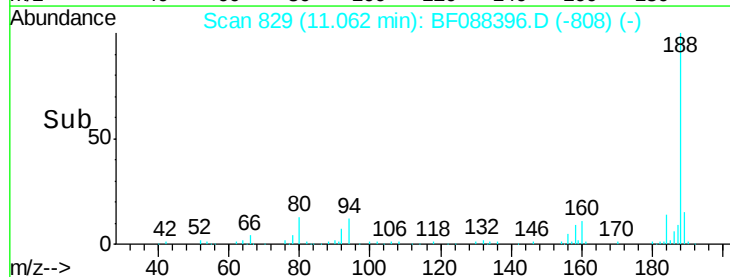
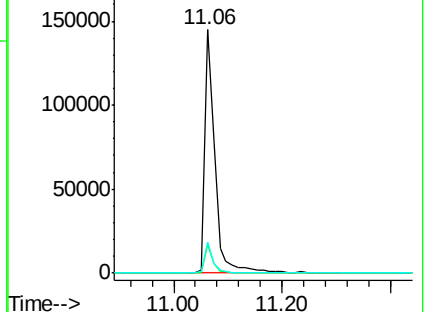
80 12.9 10.0 15.0

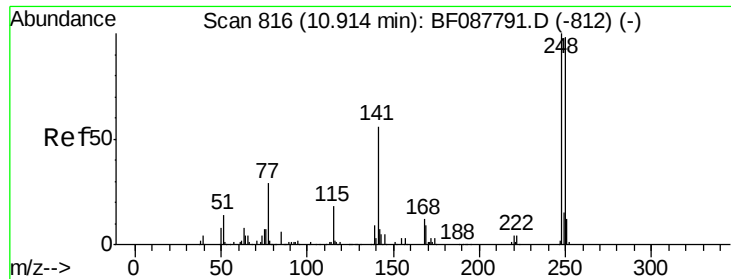


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

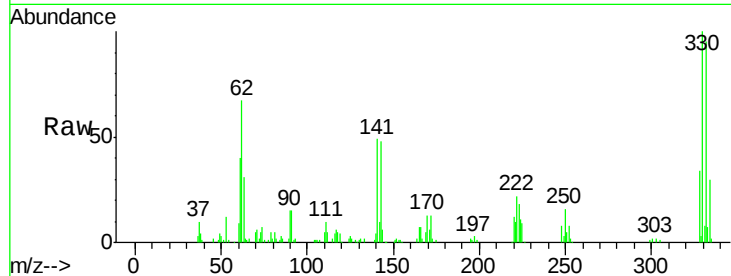




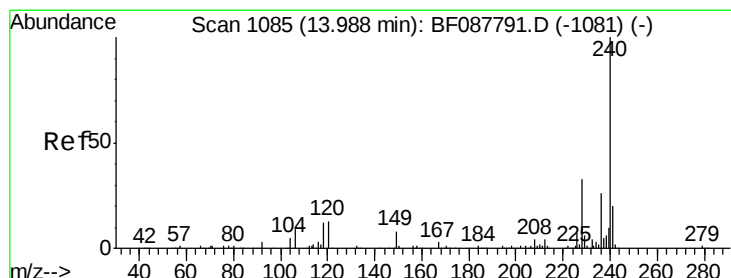
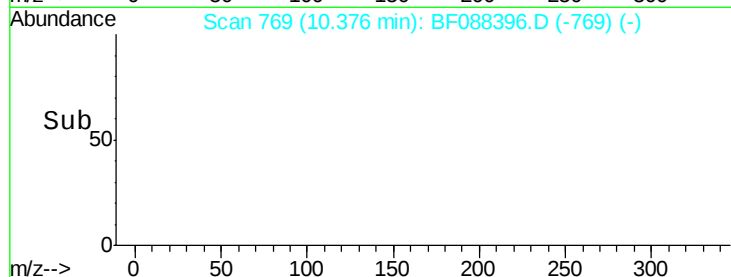
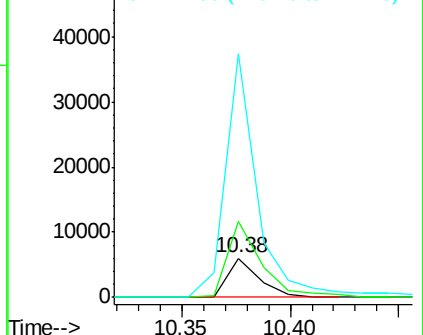
#66
 4-Bromophenyl-phenylether
 Concen: 2.98 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.30 min
 Lab File: BF088396.D
 Acq: 26 Jun 2016 2:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tgt Ion:248 Resp: 5927
 Ion Ratio Lower Upper
 248 100
 250 194.9 77.1 115.7#
 141 620.3 50.6 76.0#

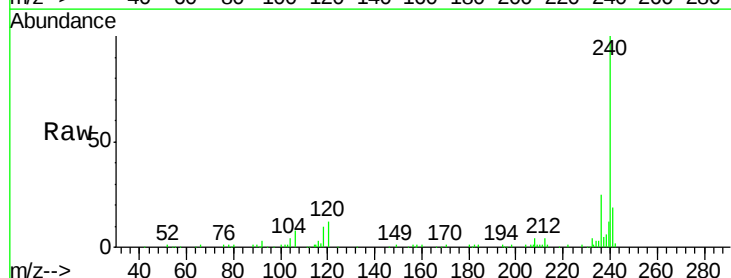


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

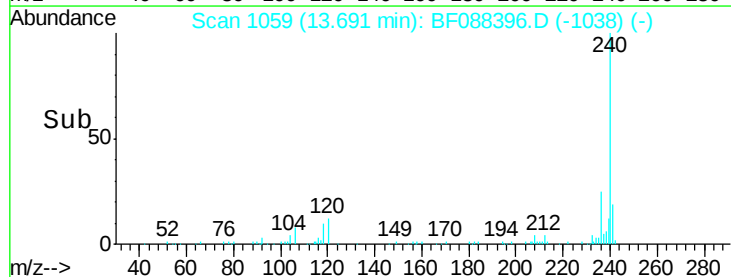
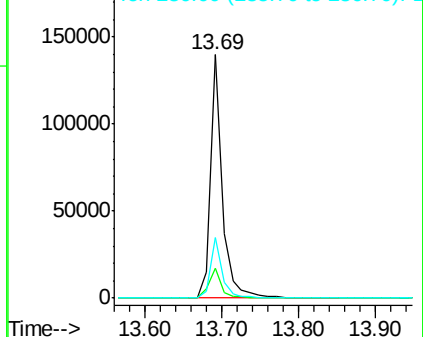


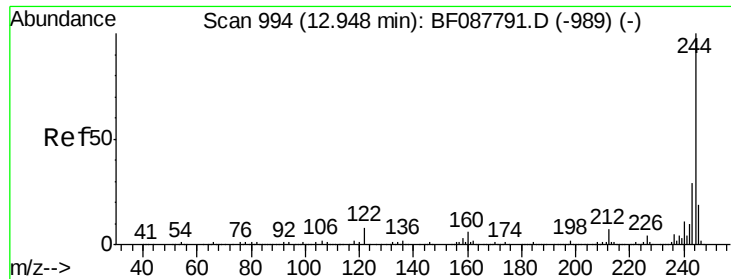
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.06 min
 Lab File: BF088396.D
 Acq: 26 Jun 2016 2:40

Tgt Ion:240 Resp: 147845
 Ion Ratio Lower Upper
 240 100
 120 12.1 6.8 10.2#
 236 25.1 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

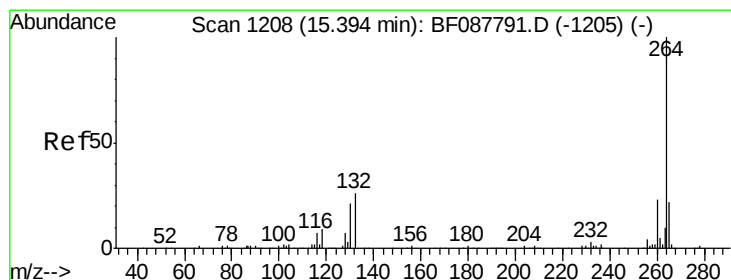
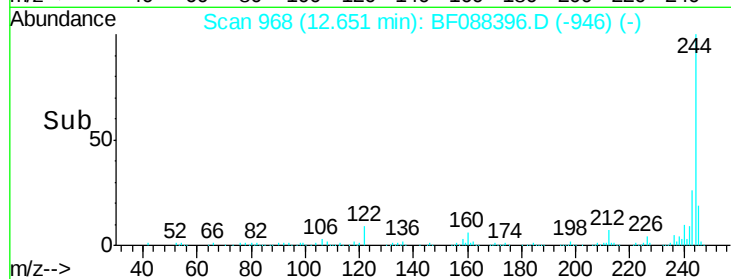
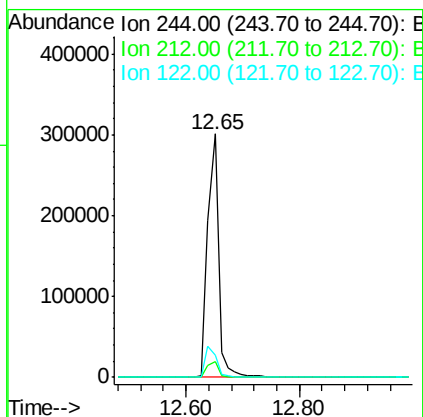
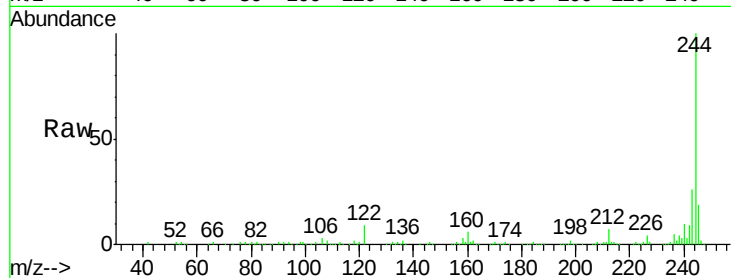




#78
 Terphenyl-d14
 Concen: 59.66 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.05 min
 Lab File: BF088396.D
 Acq: 26 Jun 2016 2:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-COMP

Tgt Ion:244 Resp: 387623
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 8.9 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: BF088396.D
 Acq: 26 Jun 2016 2:40

Tgt Ion:264 Resp: 116667
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.1 16.9 25.3

