

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087245.D
 Acq On : 21 May 2016 1:19
 Operator : UM/SJ
 Sample : H3144-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5-AB-AC(0-2)

Quant Time: May 21 02:17:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

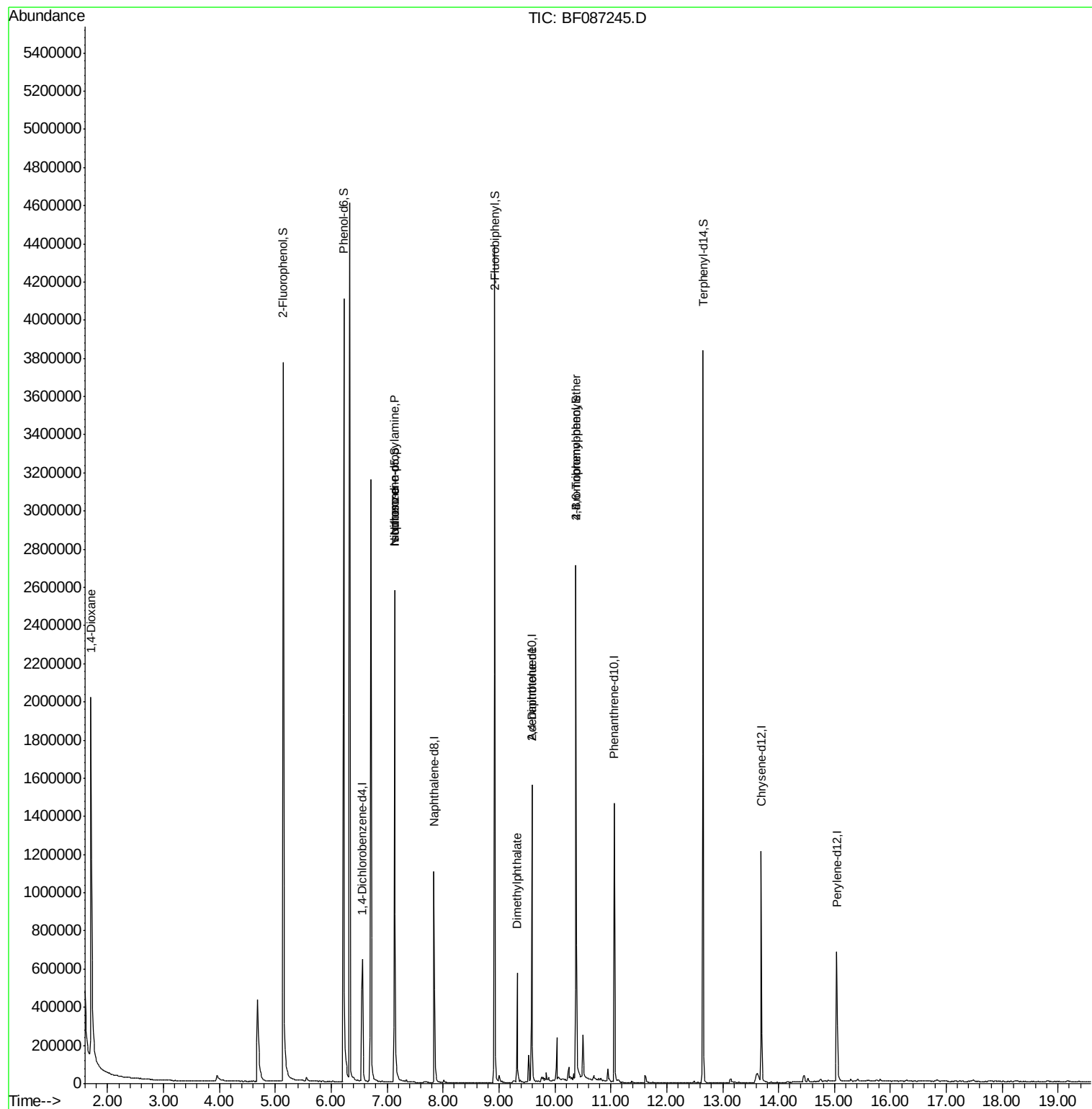
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	129206	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	557316	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	288438	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	522319	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	424358	20.00	ng	-0.01
86) Perylene-d12	15.04	264	297228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1014819	132.02	ng	0.01
7) Phenol-d6	6.23	99	1453565	140.99	ng	0.00
23) Nitrobenzene-d5	7.13	82	888850	79.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	306451	96.15	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1494068	85.79	ng	0.00
78) Terphenyl-d14	12.65	244	1246518	66.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.70	88	59807	15.12	ng	# 22
19) n-Nitroso-di-n-propylamine	7.13	70	123543	15.76	ng	# 73
25) Isophorone	7.13	82	824386	40.27	ng	# 68
49) Dimethylphthalate	9.32	163	209622	9.53	ng	99
56) 2,4-Dinitrotoluene	9.59	165	36971	6.04	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	20504	3.82	ng	# 1

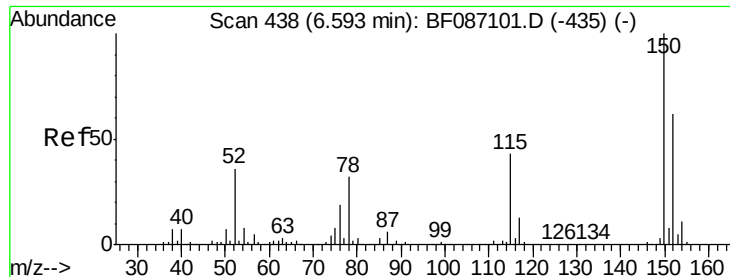
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF087245.D

Acq: 21 May 2016 1:19

Instrument :

BNA_F

ClientSampleId :

5-AB-AC(0-2)

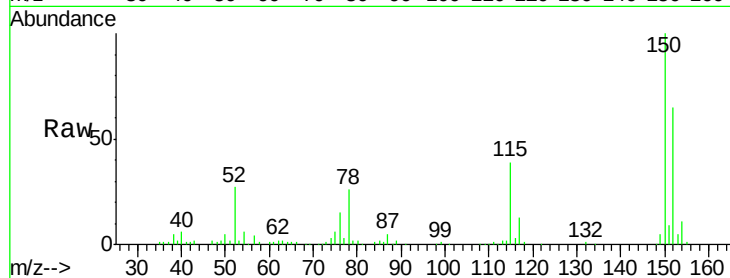
Tgt Ion:152 Resp: 129206

Ion Ratio Lower Upper

152 100

150 154.3 125.8 188.6

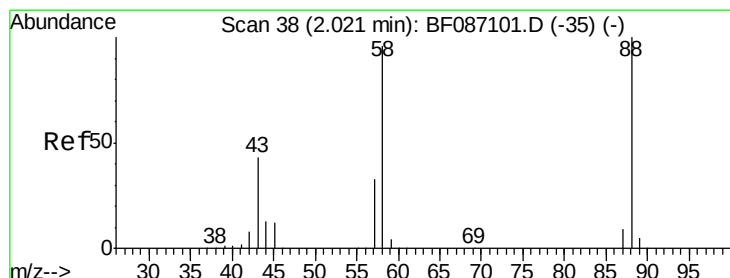
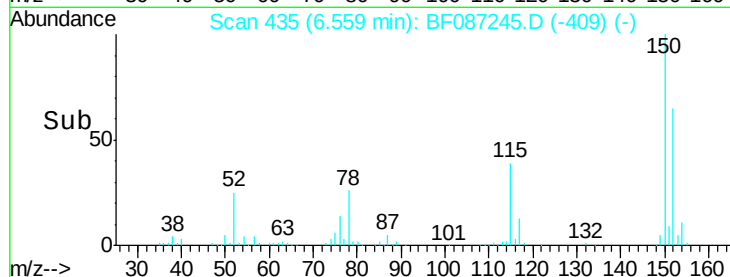
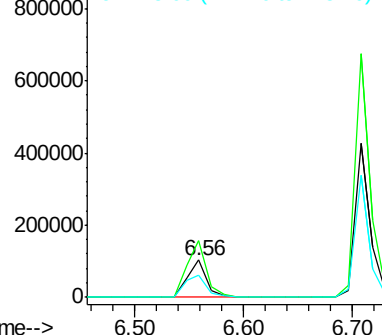
115 60.3 51.5 77.3



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



#2

1,4-Dioxane

Concen: 15.12 ng

RT: 1.70 min Scan# 10

Delta R.T. -0.26 min

Lab File: BF087245.D

Acq: 21 May 2016 1:19

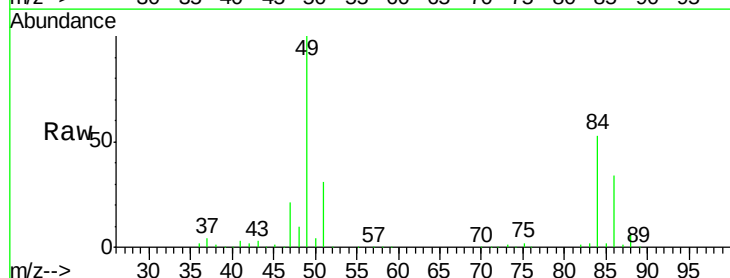
Tgt Ion: 88 Resp: 59807

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

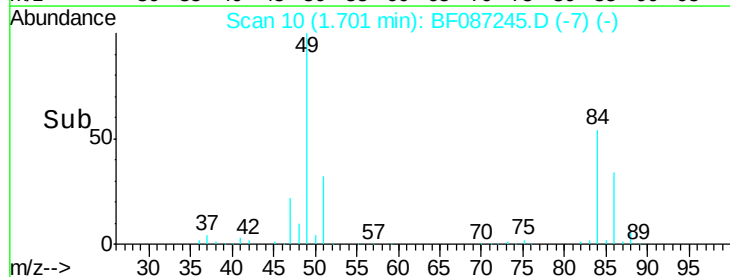
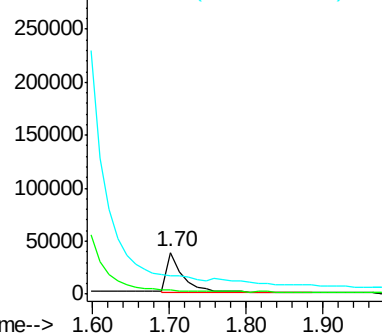
43 0.0 21.8 32.6#

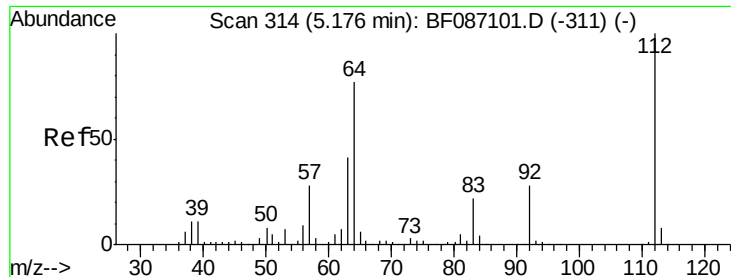


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

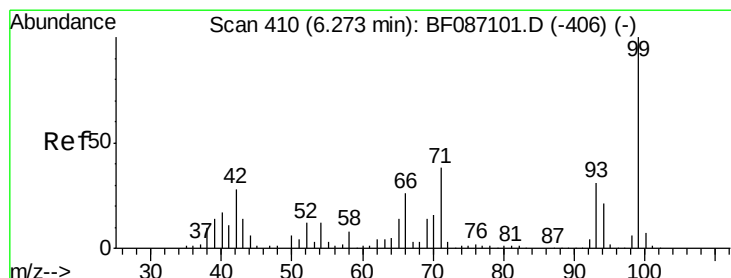
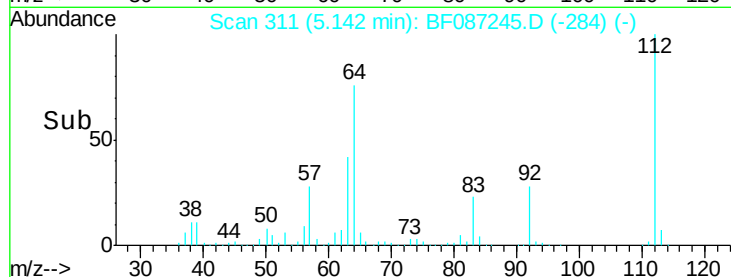
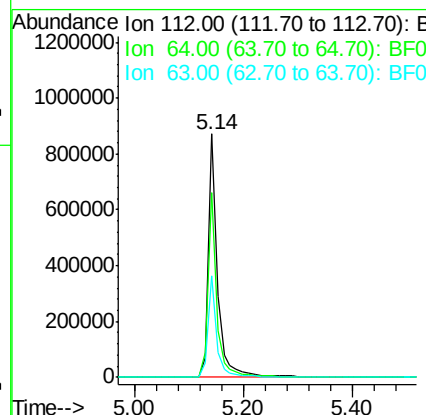
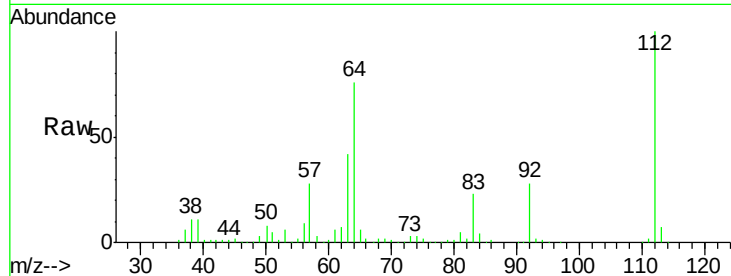




#5
 2-Fluorophenol
 Concen: 132.02 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: BF087245.D
 Acq: 21 May 2016 1:19

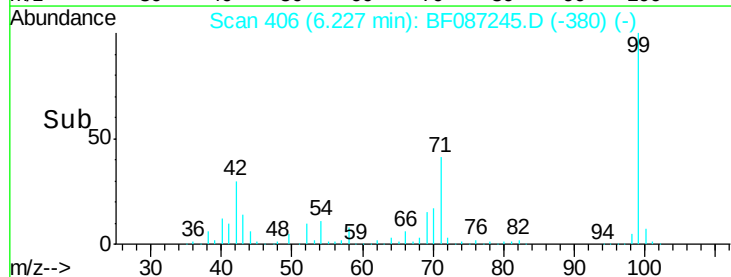
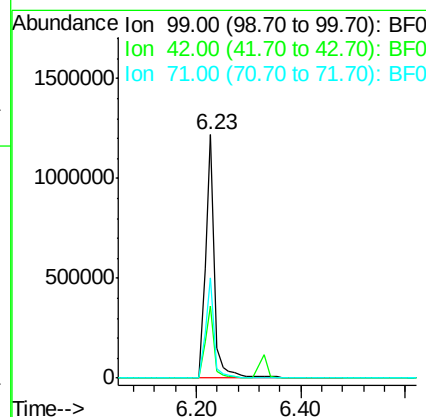
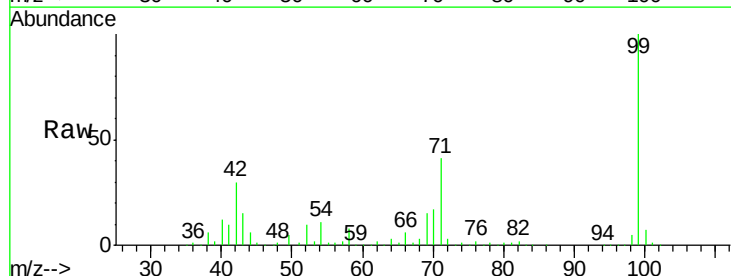
Instrument :
 BNA_F
 ClientSampleId :
 5-AB-AC(0-2)

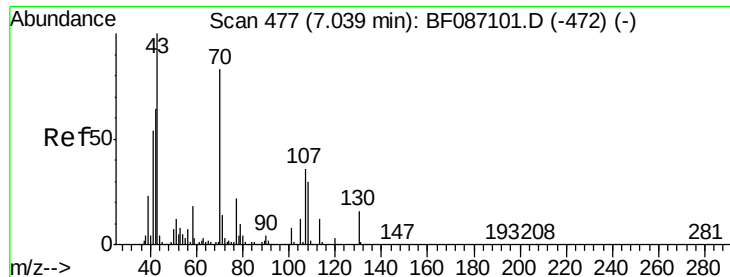
Tgt Ion: 112 Resp: 1014819
 Ion Ratio Lower Upper
 112 100
 64 75.7 52.1 78.1
 63 41.6 25.7 38.5#



#7
 Phenol-d6
 Concen: 140.99 ng
 RT: 6.23 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF087245.D
 Acq: 21 May 2016 1:19

Tgt Ion: 99 Resp: 1453565
 Ion Ratio Lower Upper
 99 100
 42 29.6 13.6 20.4#
 71 40.9 24.6 36.8#

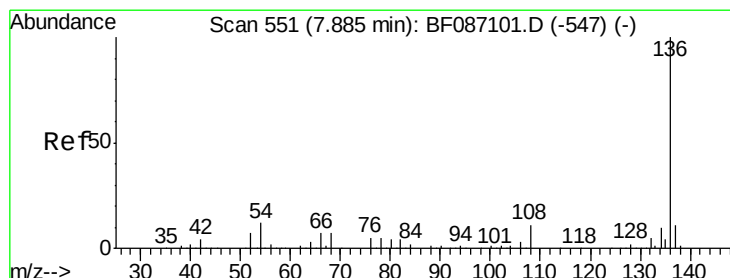
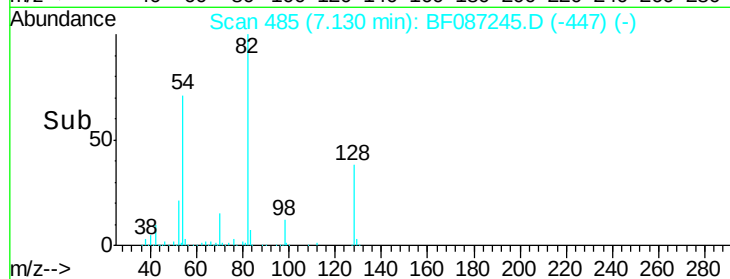
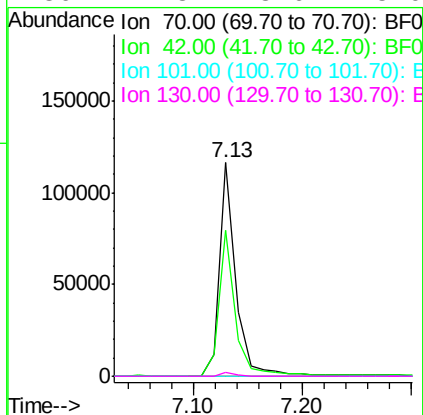
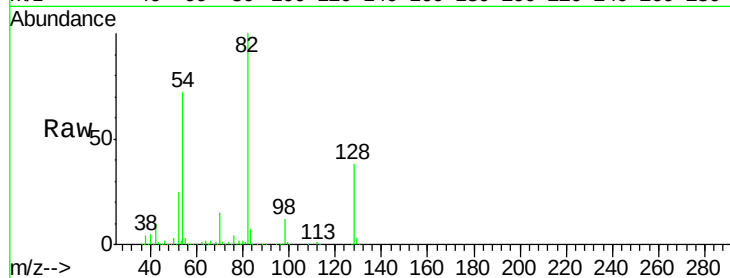




#19
n-Nitroso-di-n-propylamine
Concen: 15.76 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF087245.D
Acq: 21 May 2016 1:19

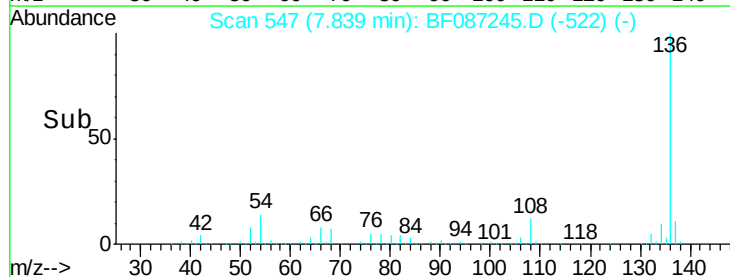
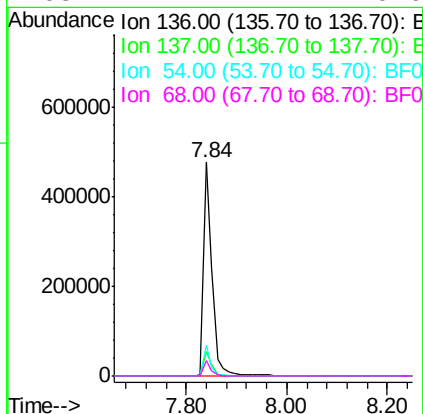
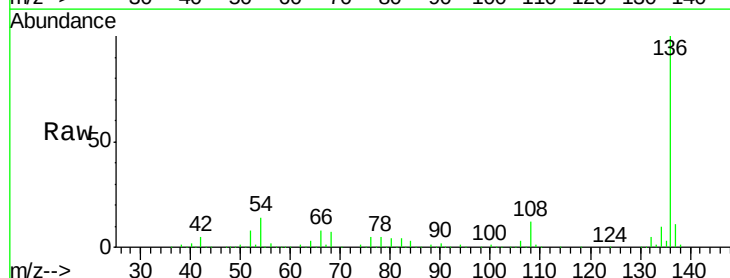
Instrument :
BNA_F
ClientSampleId :
5-AB-AC(0-2)

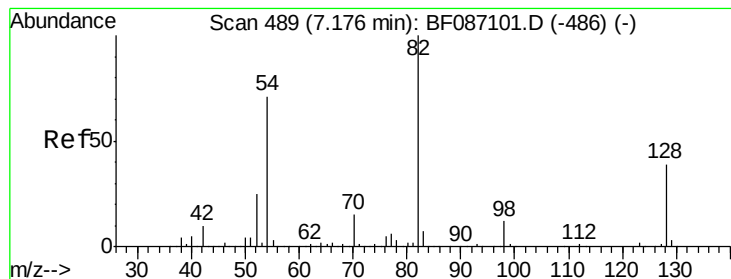
Tgt Ion: 70 Resp: 123543
Ion Ratio Lower Upper
70 100
42 68.2 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087245.D
Acq: 21 May 2016 1:19

Tgt Ion: 136 Resp: 557316
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 14.4 5.0 7.4#
68 7.1 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 79.49 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF087245.D

Acq: 21 May 2016 1:19

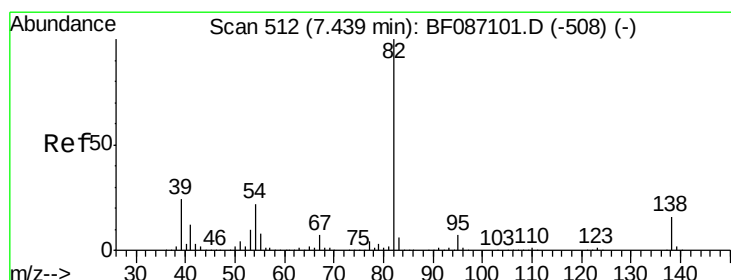
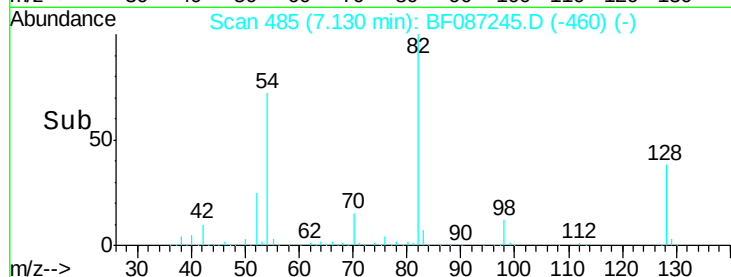
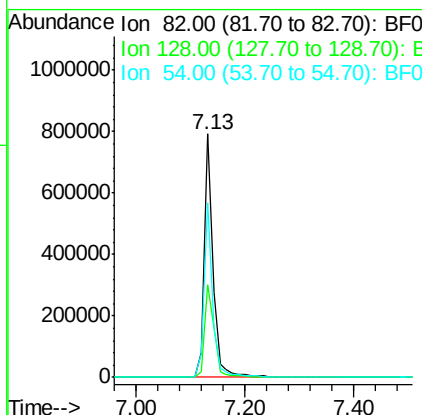
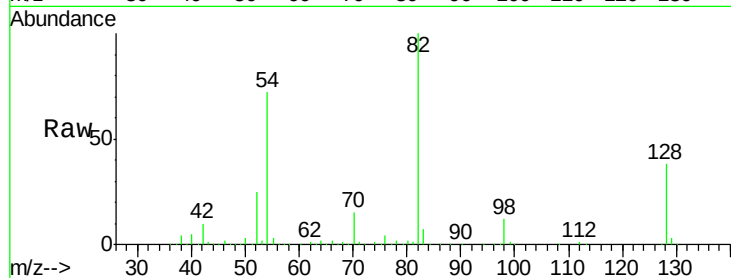
Instrument :

BNA_F

ClientSampleId :

5-AB-AC(0-2)

Tgt Ion:	82	Resp:	888850
Ion Ratio	Lower	Upper	
82	100		
128	37.9	40.6	61.0#
54	71.7	38.1	57.1#



#25

Isophorone

Concen: 40.27 ng

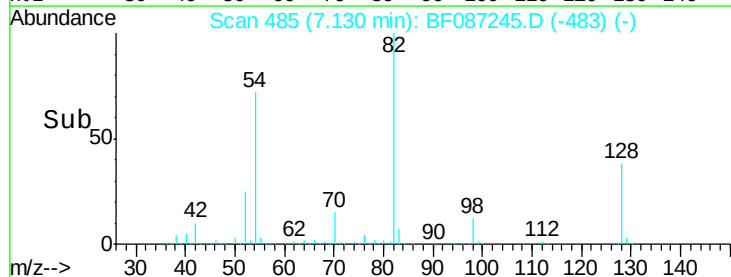
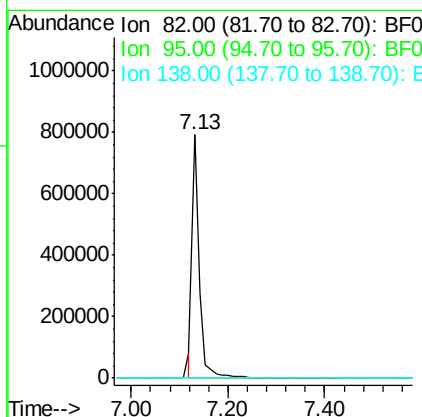
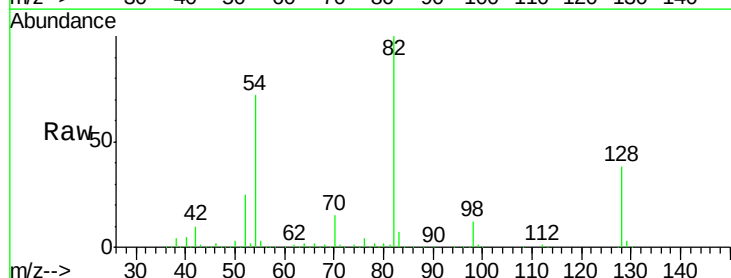
RT: 7.13 min Scan# 485

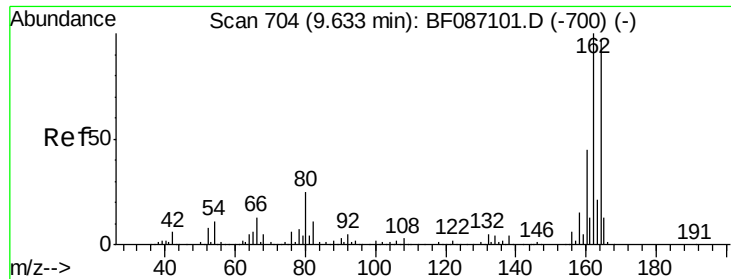
Delta R.T. -0.27 min

Lab File: BF087245.D

Acq: 21 May 2016 1:19

Tgt Ion:	82	Resp:	824386
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

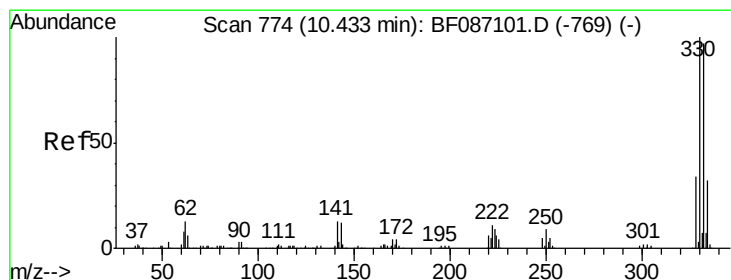
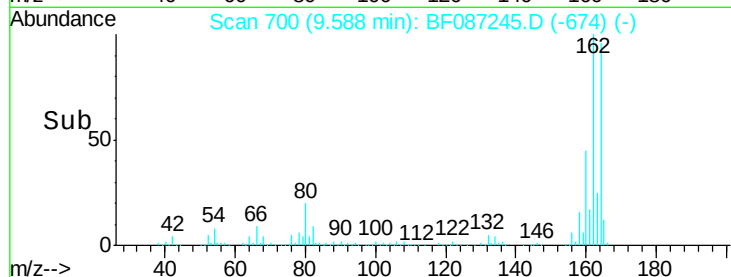
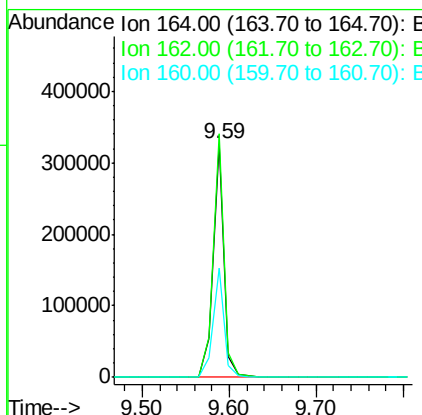
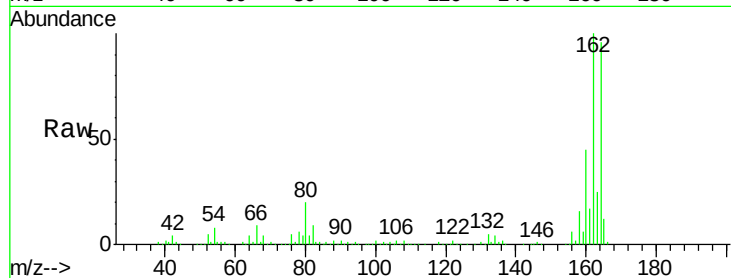




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087245.D
Acq: 21 May 2016 1:19

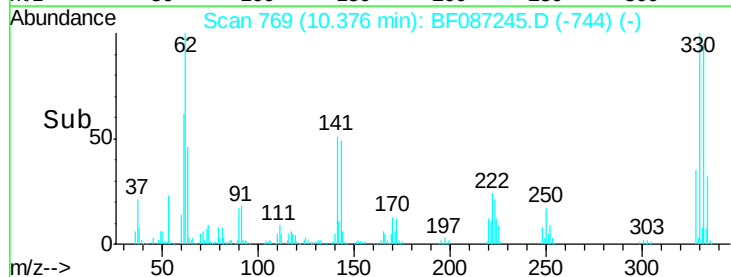
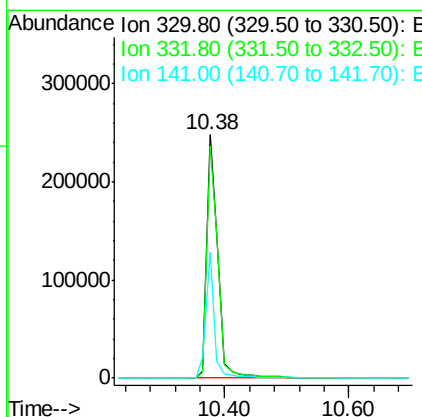
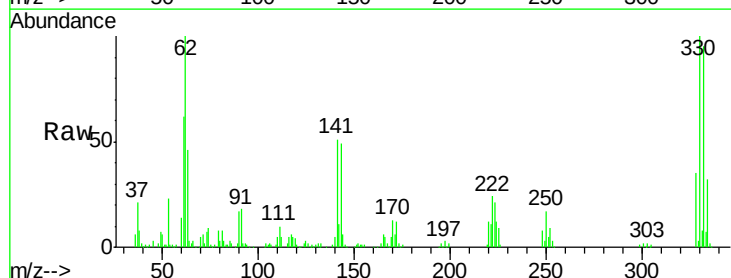
Instrument :
BNA_F
ClientSampleId :
5-AB-AC(0-2)

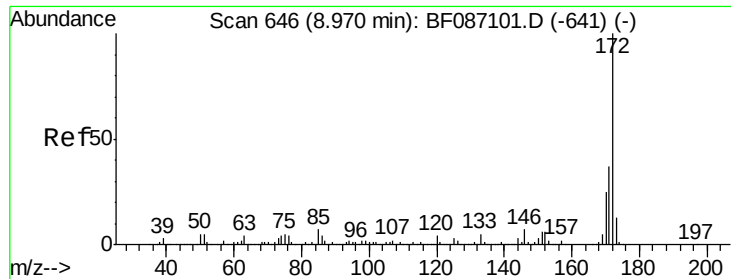
Tgt Ion:164 Resp: 288438
Ion Ratio Lower Upper
164 100
162 104.2 82.8 124.2
160 46.7 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 96.15 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF087245.D
Acq: 21 May 2016 1:19

Tgt Ion:330 Resp: 306451
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 40.3 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 85.79 ng

RT: 8.92 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF087245.D

Acq: 21 May 2016 1:19

Instrument :

BNA_F

ClientSampleId :

5-AB-AC(0-2)

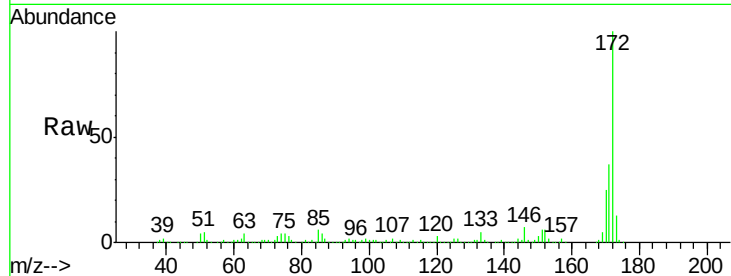
Tgt Ion:172 Resp: 1494068

Ion Ratio Lower Upper

172 100

171 36.8 29.0 43.6

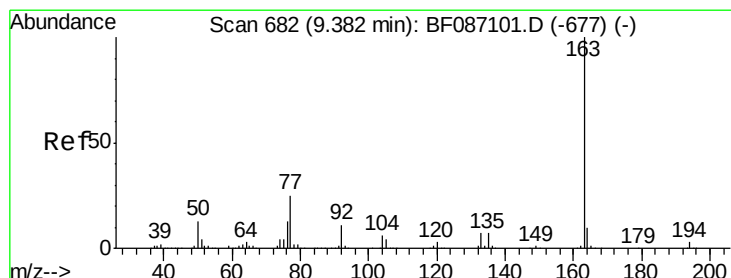
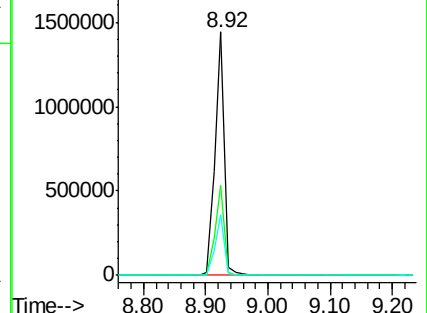
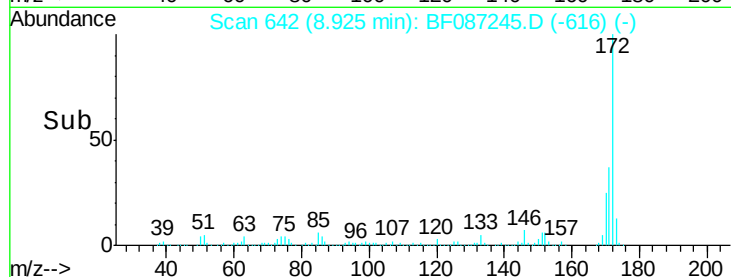
170 25.0 19.8 29.8



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: 9.53 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF087245.D

Acq: 21 May 2016 1:19

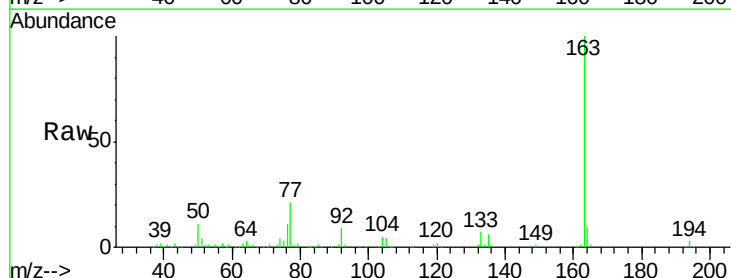
Tgt Ion:163 Resp: 209622

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

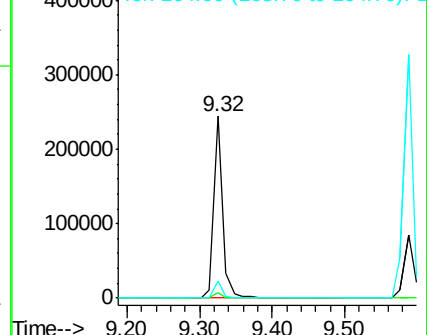
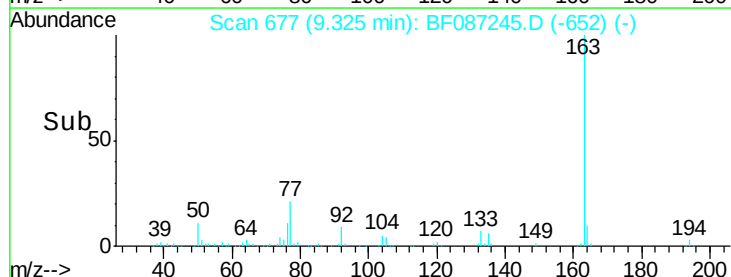
164 9.6 8.2 12.4

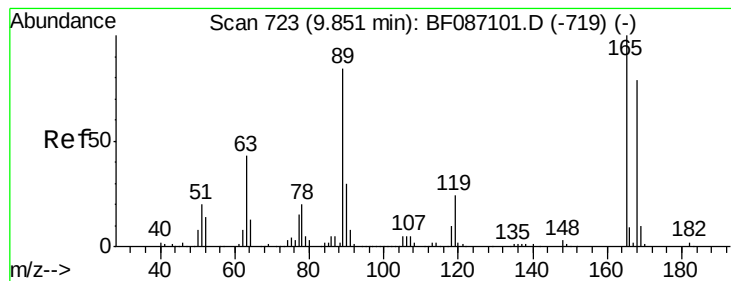


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.04 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.23 min

Lab File: BF087245.D

Acq: 21 May 2016 1:19

Instrument :

BNA_F

ClientSampleId :

5-AB-AC(0-2)

Tgt Ion:165 Resp: 36971

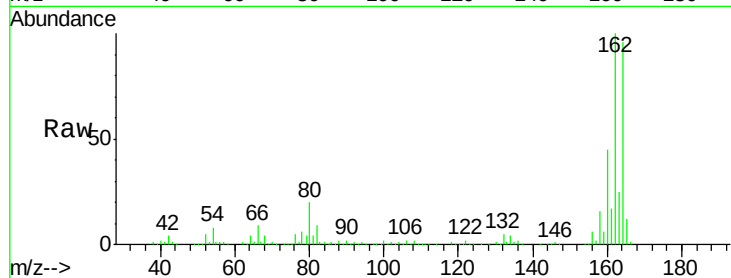
Ion Ratio Lower Upper

165 100

63 1.8 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

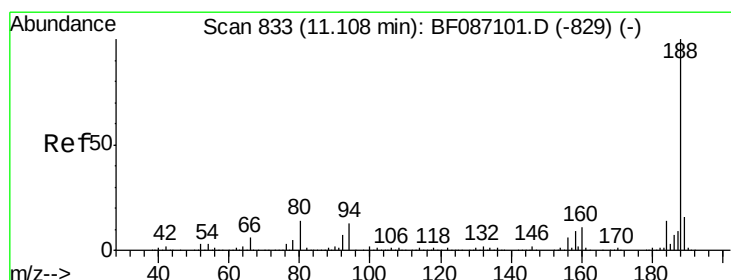
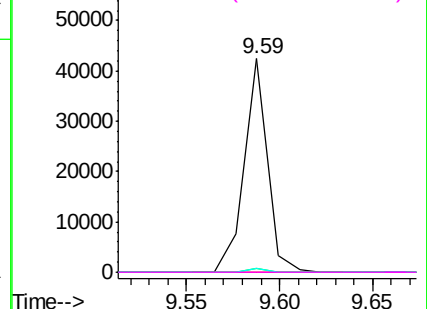
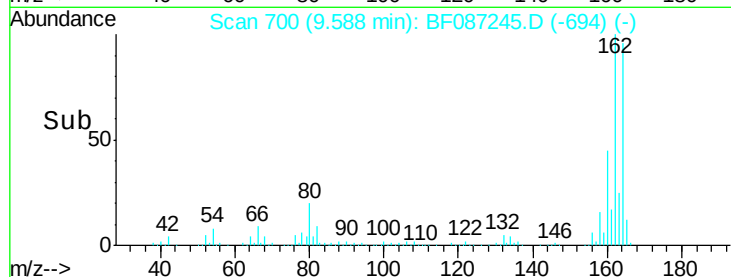


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.06 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF087245.D

Acq: 21 May 2016 1:19

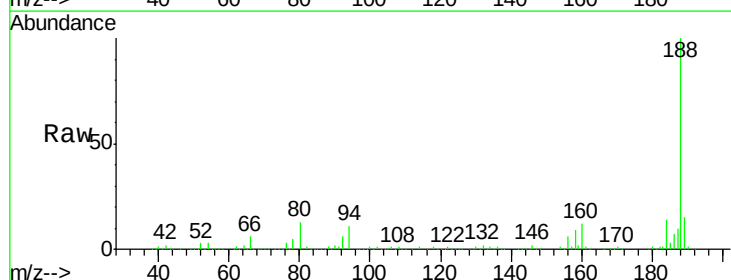
Tgt Ion:188 Resp: 522319

Ion Ratio Lower Upper

188 100

94 11.5 6.8 10.2#

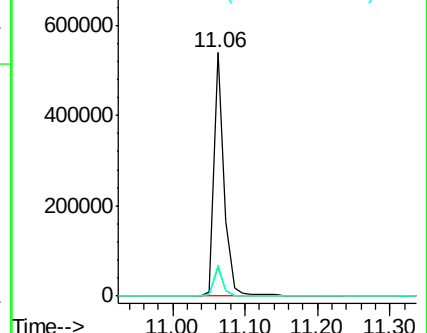
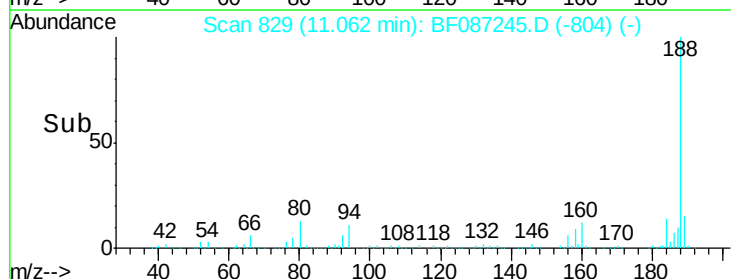
80 12.8 7.1 10.7#

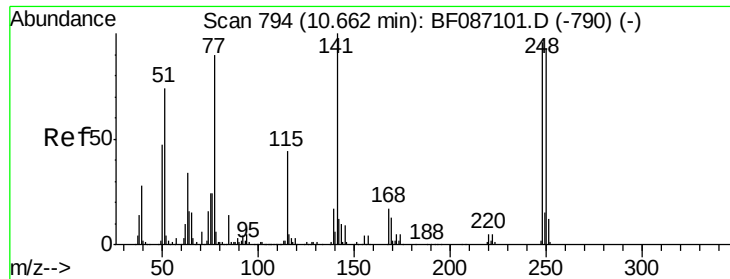


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.82 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.24 min

Lab File: BF087245.D

Acq: 21 May 2016 1:19

Instrument :

BNA_F

ClientSampleId :

5-AB-AC(0-2)

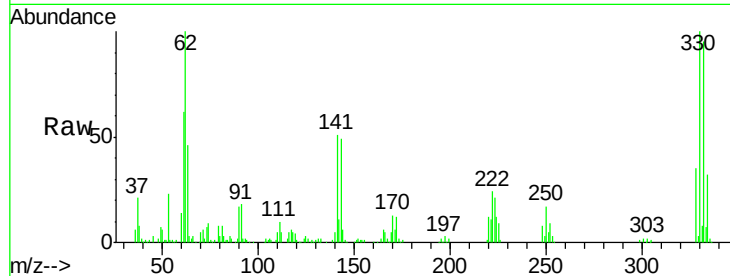
Tgt Ion:248 Resp: 20504

Ion Ratio Lower Upper

248 100

250 199.7 78.6 117.8#

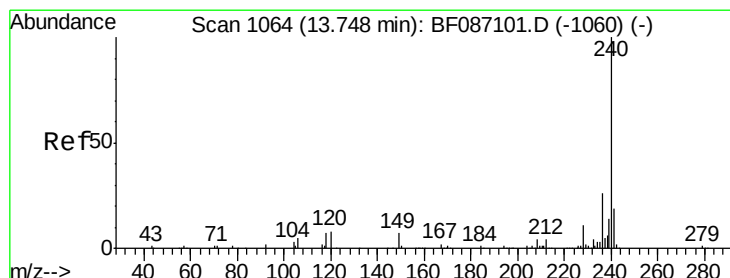
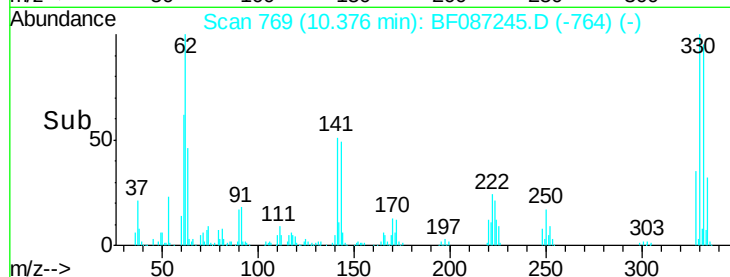
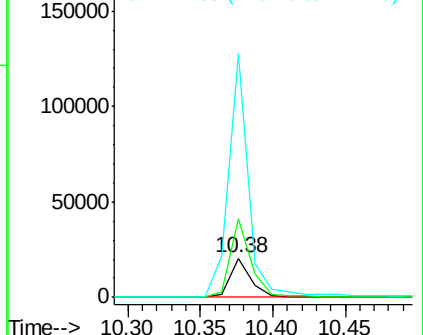
141 617.4 76.0 114.0#



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. -0.01 min

Lab File: BF087245.D

Acq: 21 May 2016 1:19

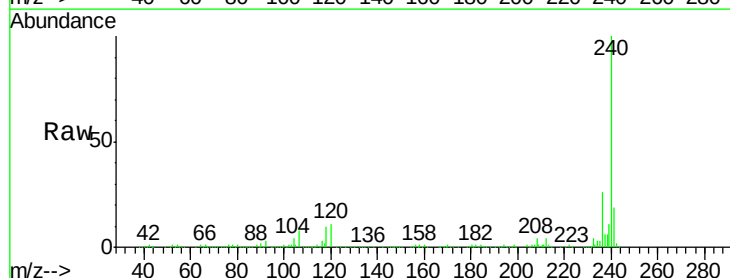
Tgt Ion:240 Resp: 424358

Ion Ratio Lower Upper

240 100

120 10.9 11.2 16.8#

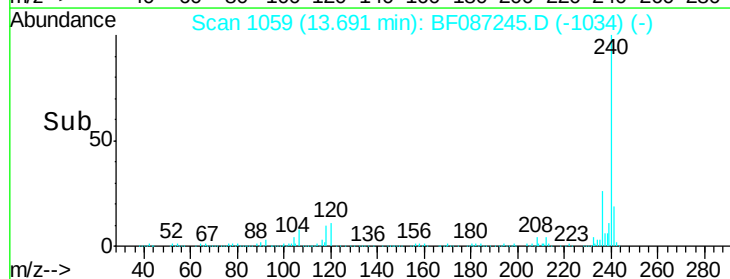
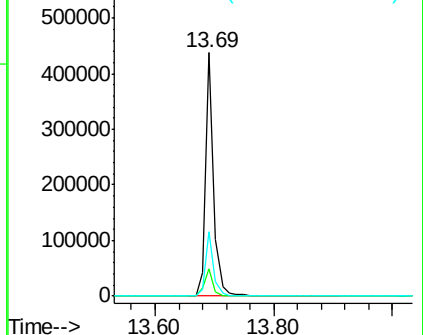
236 26.4 21.2 31.8

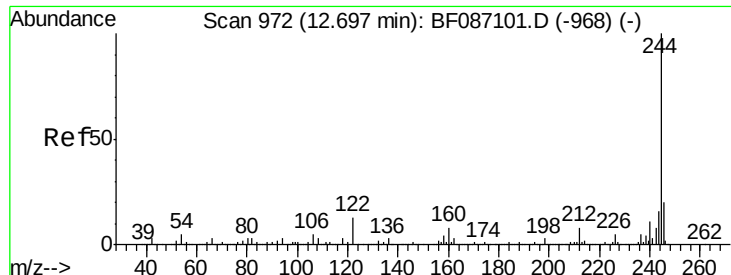


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

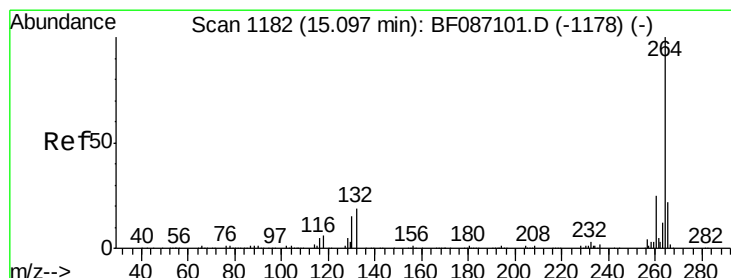
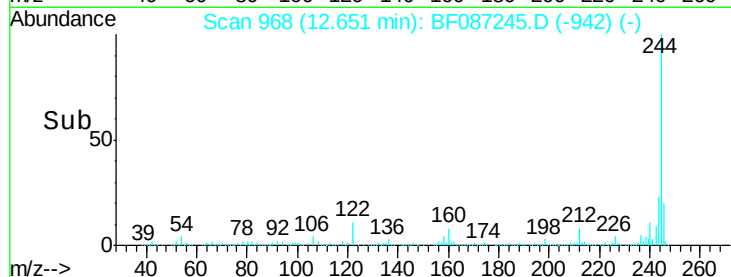
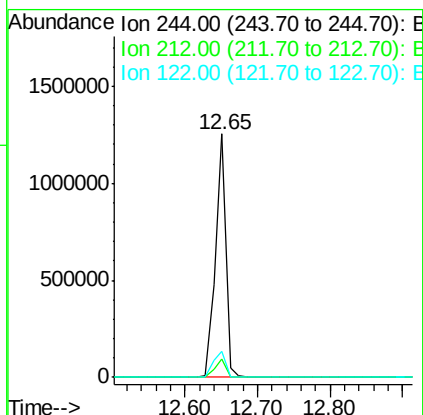
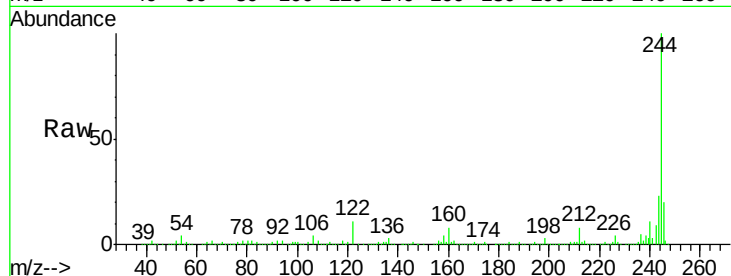




#78
 Terphenyl-d14
 Concen: 66.45 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF087245.D
 Acq: 21 May 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 5-AB-AC(0-2)

Tgt Ion:244 Resp: 1246518
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.7 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF087245.D
 Acq: 21 May 2016 1:19

Tgt Ion:264 Resp: 297228
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.7 17.3 25.9

