

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087275.D
 Acq On : 21 May 2016 16:22
 Operator : UM/SJ
 Sample : H3168-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

Quant Time: May 23 01:01:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

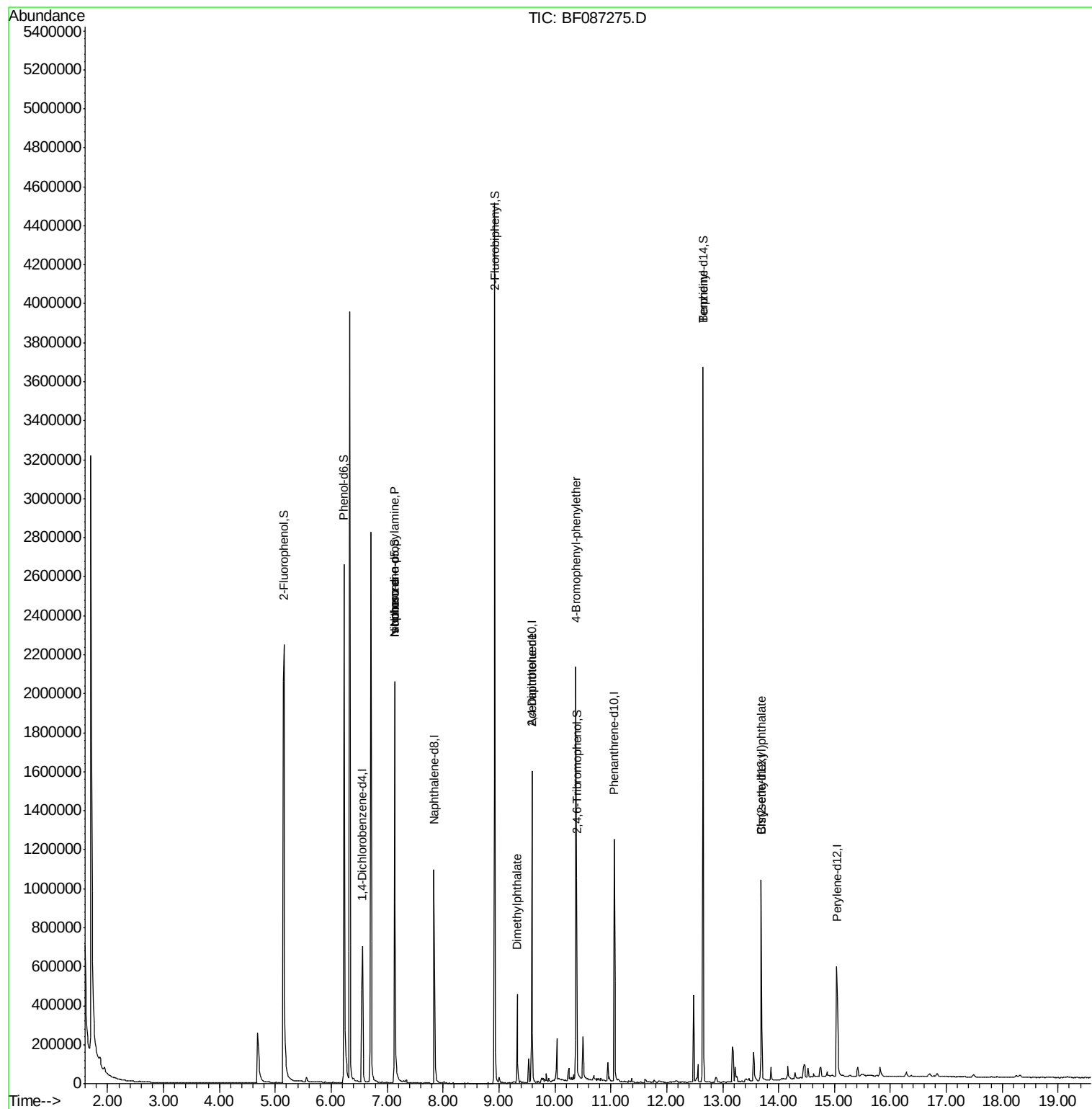
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	131667	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	583970	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	289716	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	482801	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	343093	20.00	ng	-0.07
86) Perylene-d12	15.04	264	273290	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	911089	116.31	ng	-0.05
7) Phenol-d6	6.23	99	1217714	115.90	ng	-0.06
23) Nitrobenzene-d5	7.13	82	737788	62.97	ng	-0.06
41) 2,4,6-Tribromophenol	10.39	330	273880	85.55	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1361384	77.82	ng	-0.06
78) Terphenyl-d14	12.65	244	1160432	76.51	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.13	70	103018	12.90	ng	# 71
25) Isophorone	7.13	82	714817	33.33	ng	# 68
49) Dimethylphthalate	9.32	163	162753	7.36	ng	99
56) 2,4-Dinitrotoluene	9.59	165	36095	5.87	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	17746	3.57	ng	# 1
76) Benzidine	12.65	184	18480	2.39	ng	# 91
83) Bis(2-ethylhexyl)phthalate	13.69	149	26677	2.09	ng	# 71

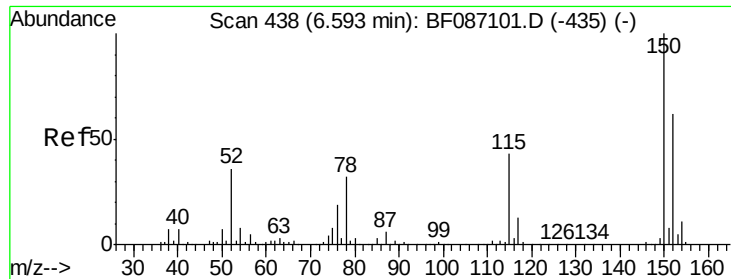
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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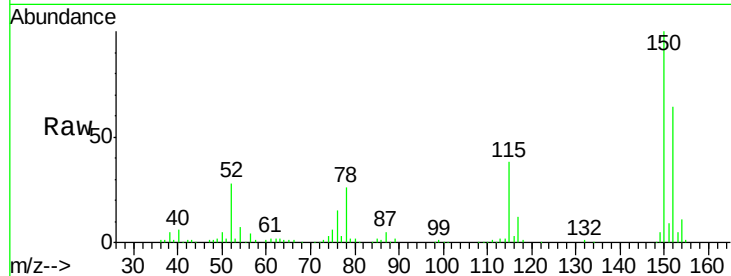


#1

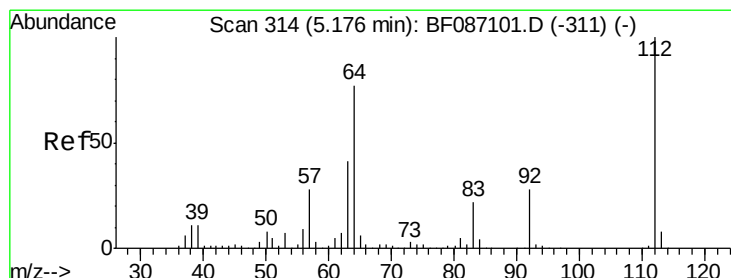
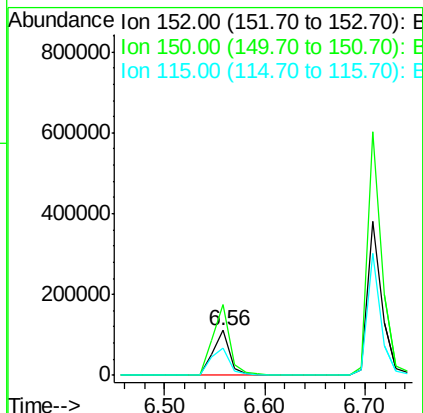
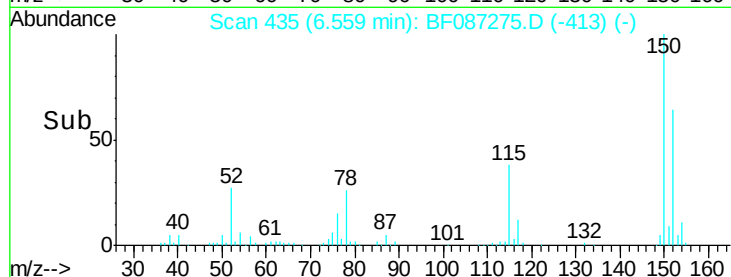
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF087275.D
Acq: 21 May 2016 16:22

Instrument :
BNA_F
ClientSampleId :
SB-40-COMP

Tgt Ion:152 Resp: 131667
Ion Ratio Lower Upper
152 100
150 156.5 125.8 188.6
115 59.8 51.5 77.3



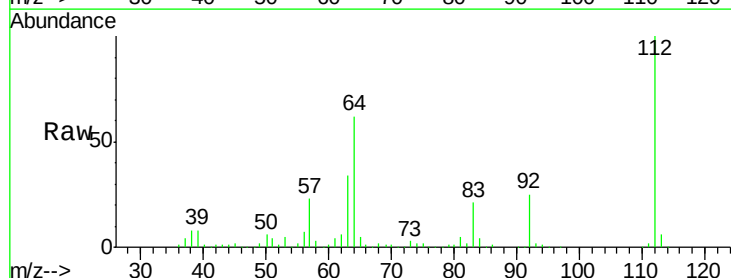
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



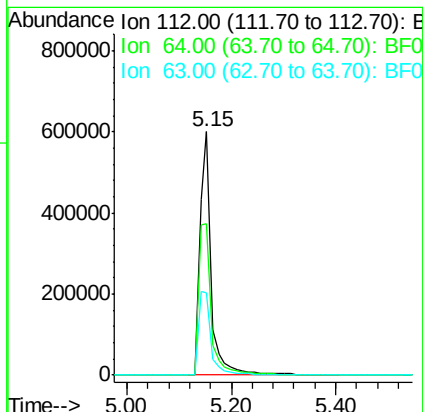
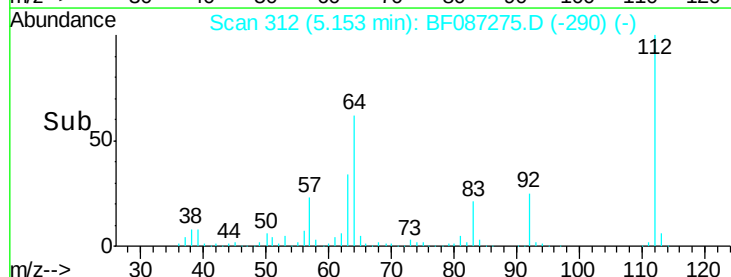
#5

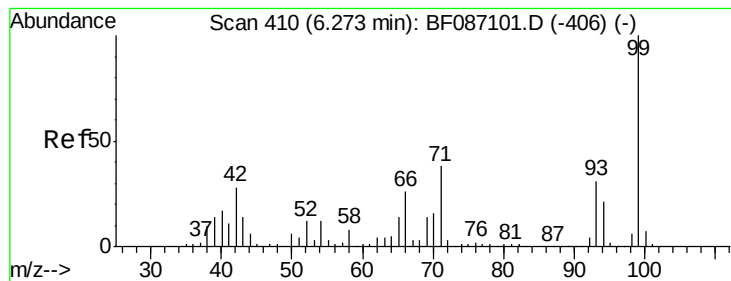
2-Fluorophenol
Concen: 116.31 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.05 min
Lab File: BF087275.D
Acq: 21 May 2016 16:22

Tgt Ion:112 Resp: 911089
Ion Ratio Lower Upper
112 100
64 62.2 52.1 78.1
63 33.8 25.7 38.5



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: 115.90 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

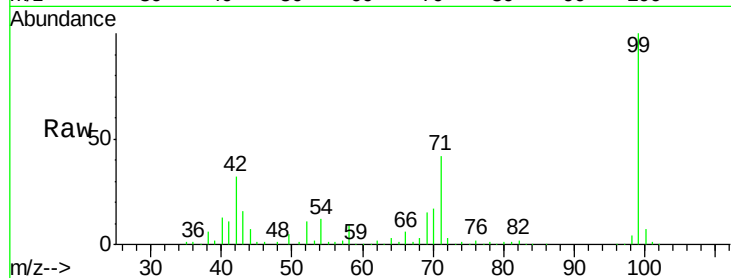
Tgt Ion: 99 Resp: 1217714

Ion Ratio Lower Upper

99 100

42 31.9 13.6 20.4#

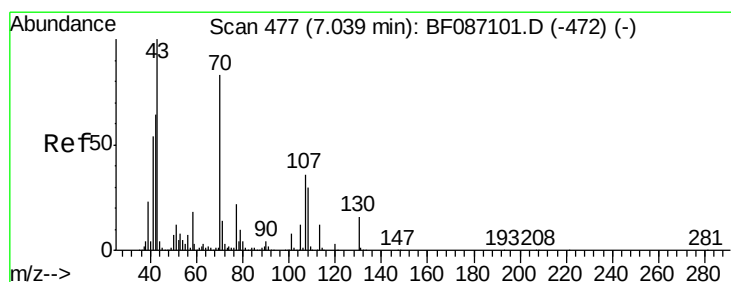
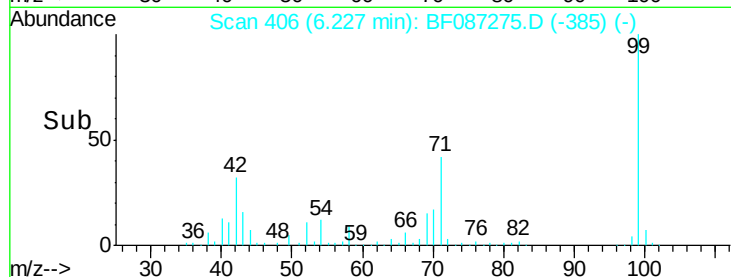
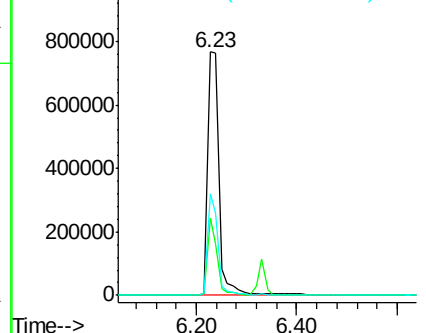
71 41.7 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.90 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.08 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

Tgt Ion: 70 Resp: 103018

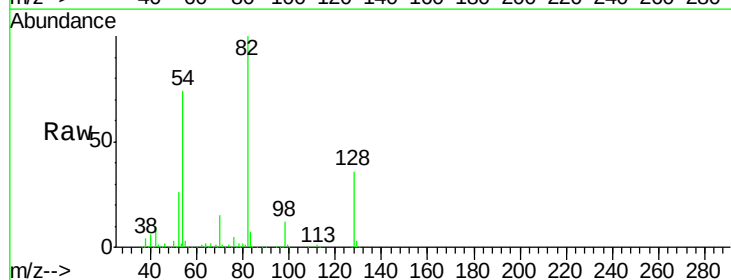
Ion Ratio Lower Upper

70 100

42 70.2 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

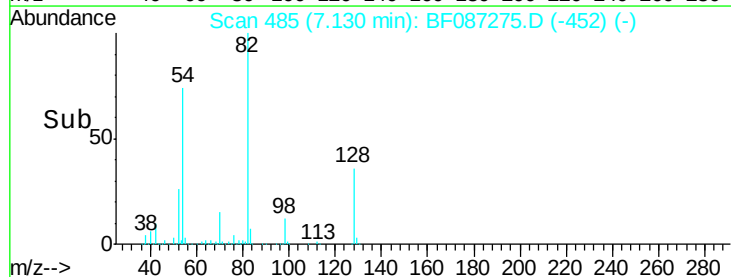
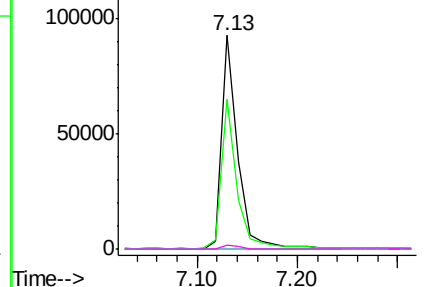


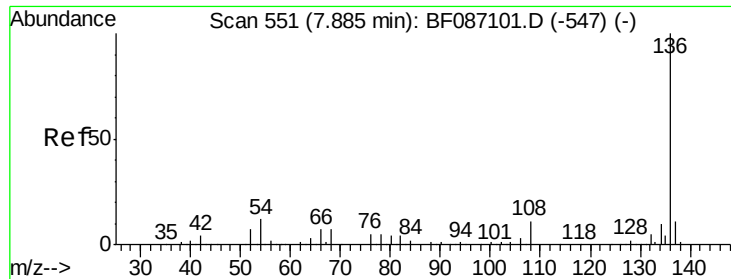
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

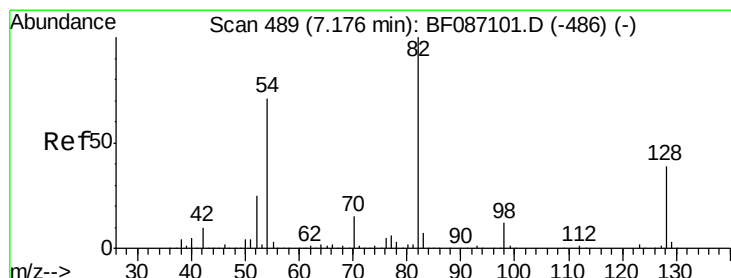
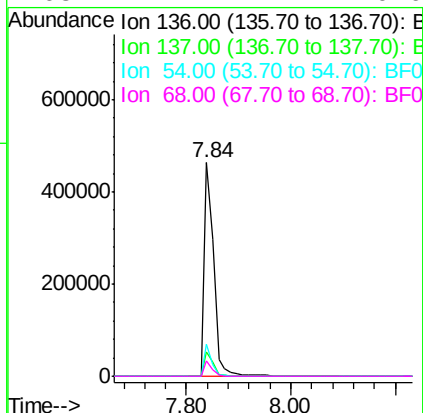
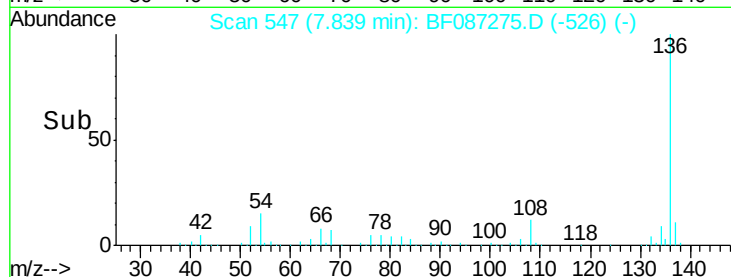
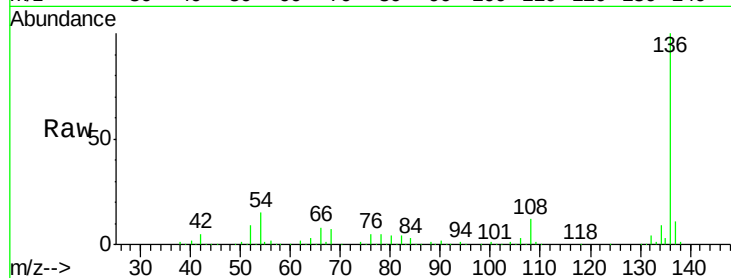




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087275.D
Acq: 21 May 2016 16:22

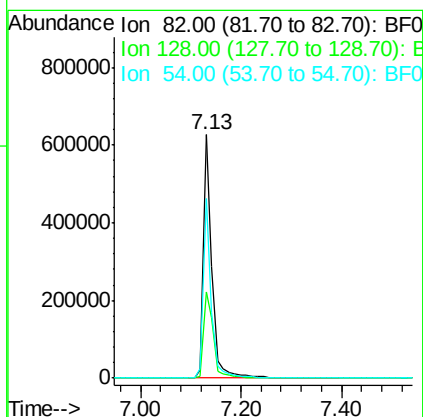
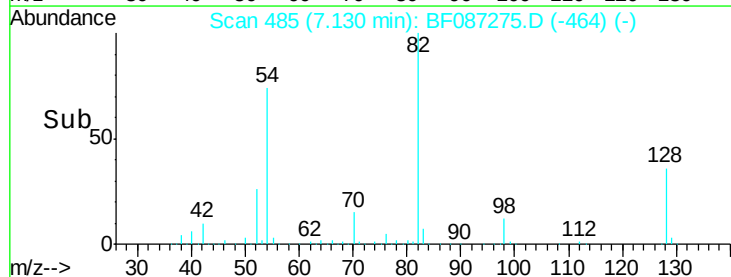
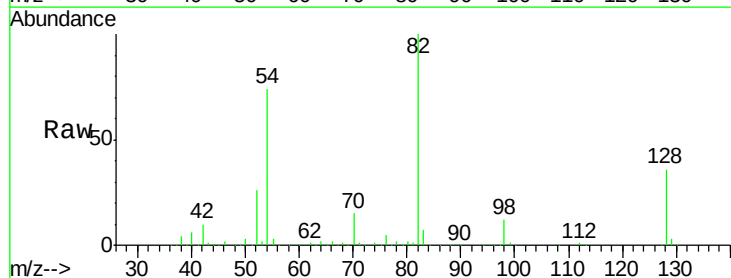
Instrument :
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SB-40-COMP

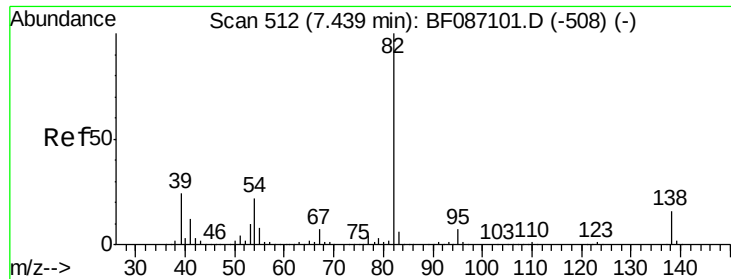
Tgt Ion:	136	Resp:	583970
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	15.1	5.0	7.4#
68	7.1	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 62.97 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF087275.D
Acq: 21 May 2016 16:22

Tgt Ion:	82	Resp:	737788
Ion	Ratio	Lower	Upper
82	100		
128	35.6	40.6	61.0#
54	74.0	38.1	57.1#





#25

Isophorone

Concen: 33.33 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.32 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

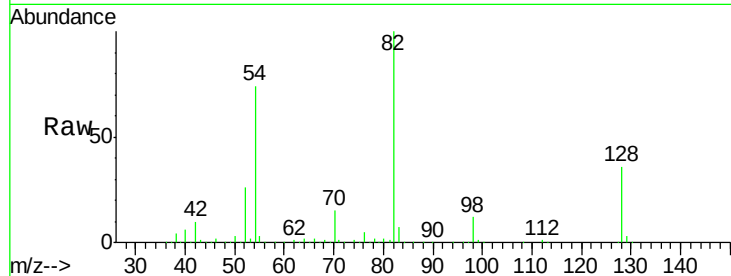
Tgt Ion: 82 Resp: 714817

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

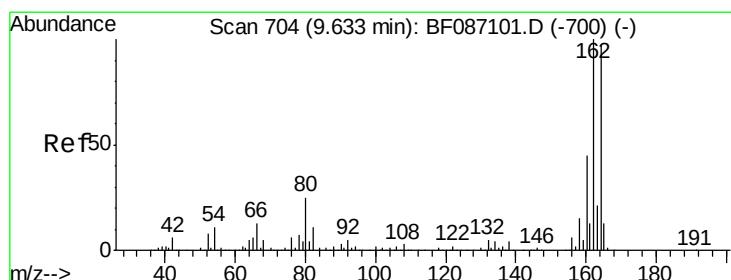
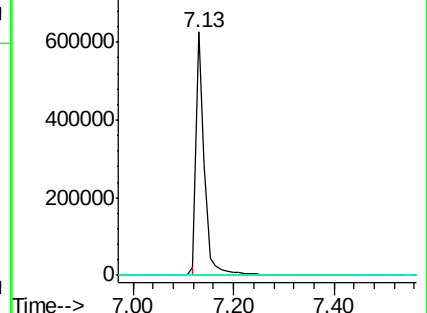
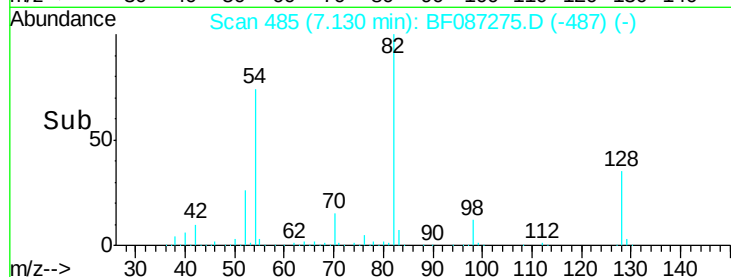
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

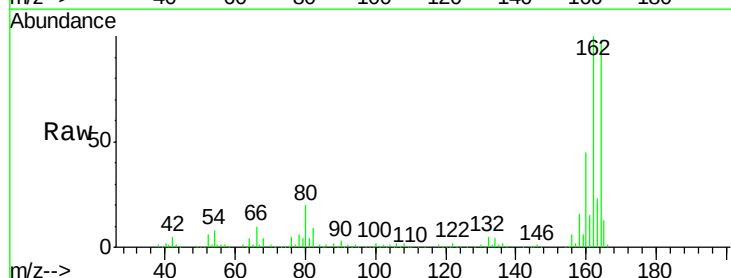
Tgt Ion: 164 Resp: 289716

Ion Ratio Lower Upper

164 100

162 102.4 82.8 124.2

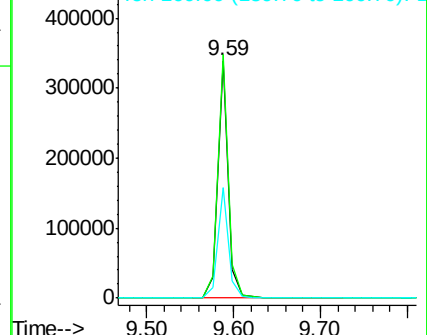
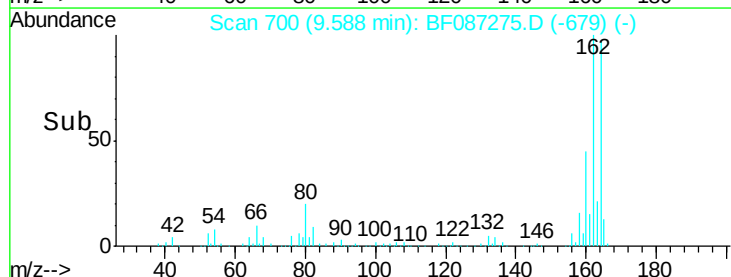
160 46.2 36.9 55.3

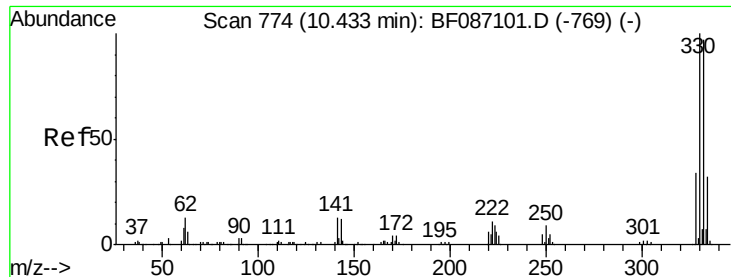


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

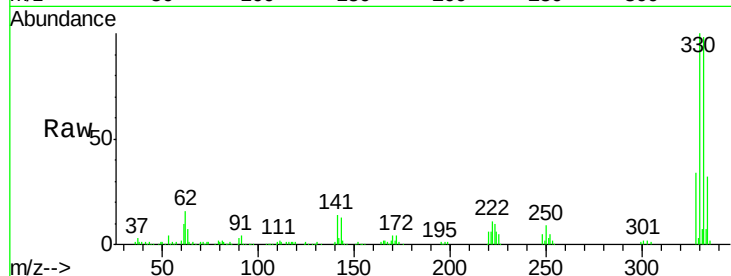




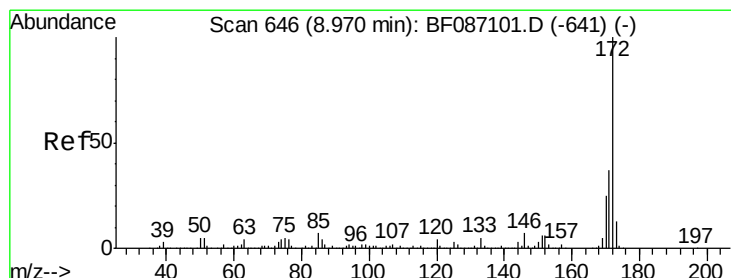
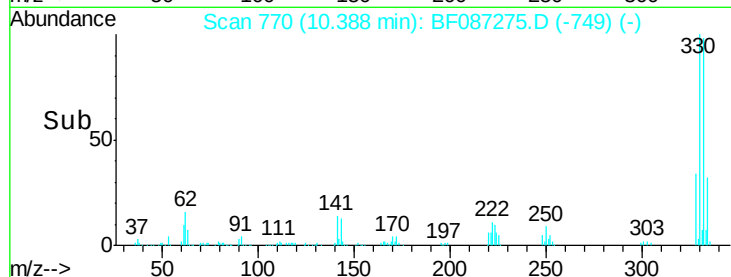
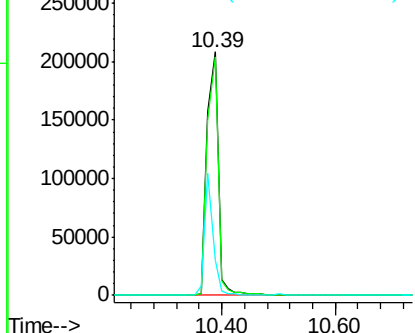
#41
 2,4,6-Tribromophenol
 Concen: 85.55 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087275.D
 Acq: 21 May 2016 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

Tgt Ion:330 Resp: 273880
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 38.1 31.2 46.8

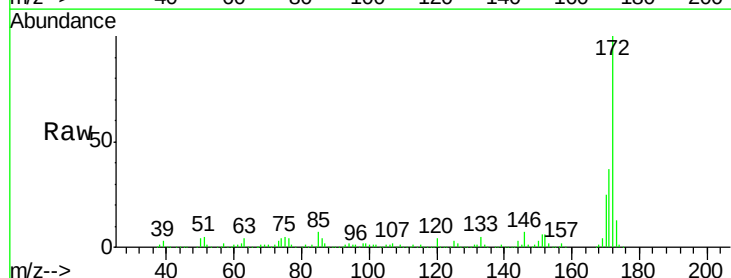


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

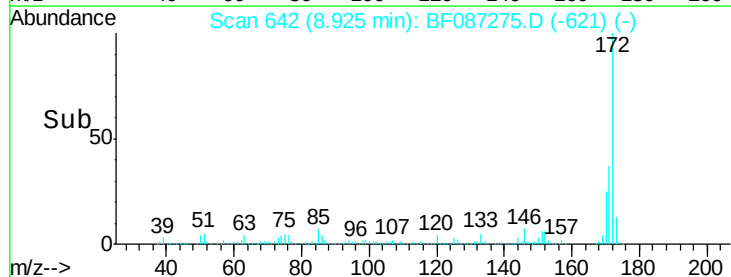
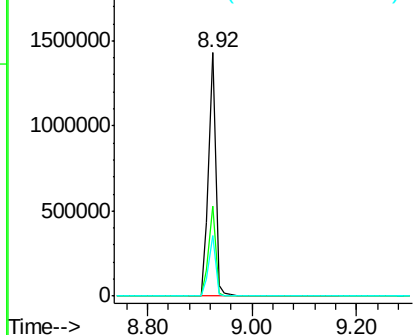


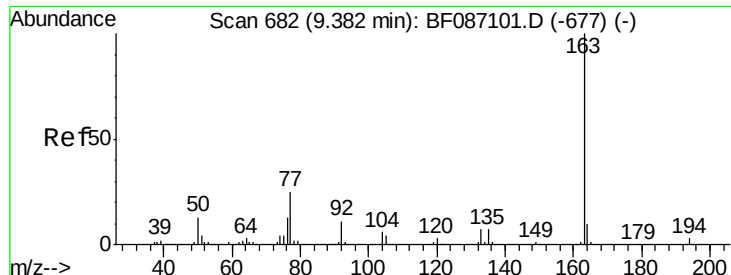
#44
 2-Fluorobiphenyl
 Concen: 77.82 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087275.D
 Acq: 21 May 2016 16:22

Tgt Ion:172 Resp: 1361384
 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

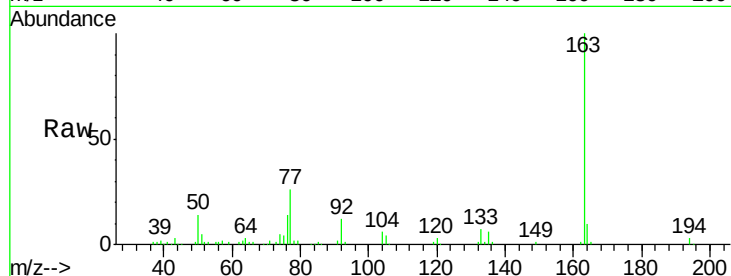




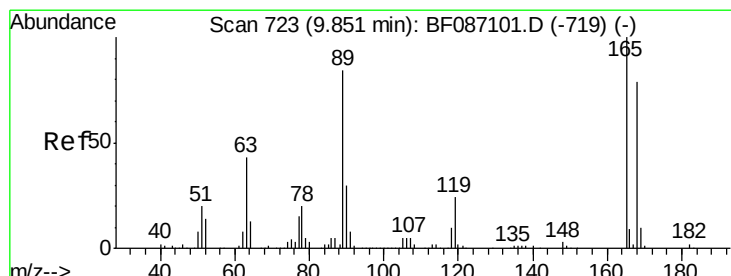
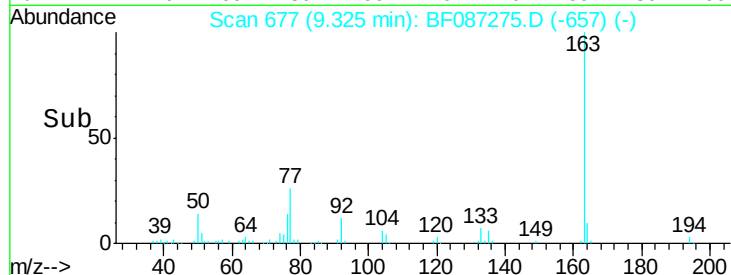
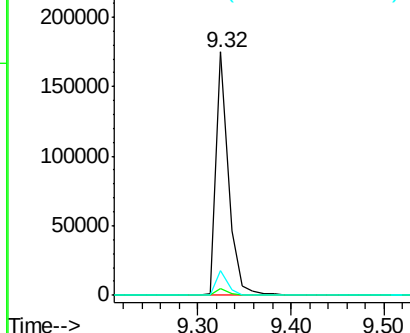
#49
Dimethylphthalate
Concen: 7.36 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF087275.D
Acq: 21 May 2016 16:22

Instrument :
BNA_F
ClientSampleId :
SB-40-COMP

Tgt Ion:163 Resp: 162753
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.2 8.2 12.4

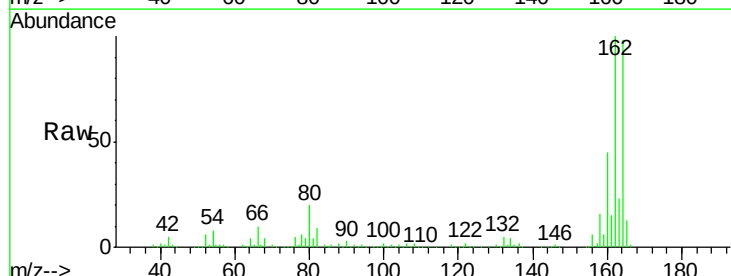


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

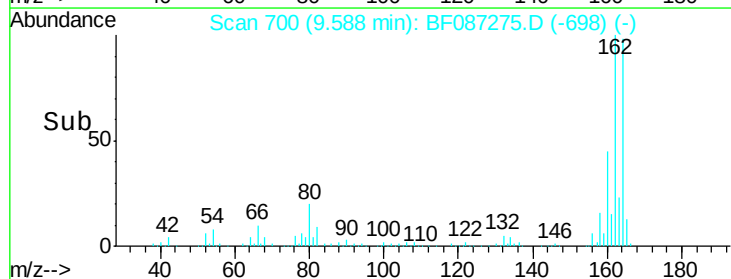
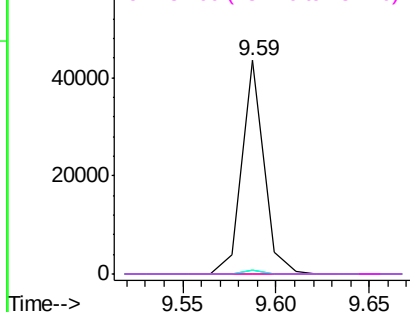


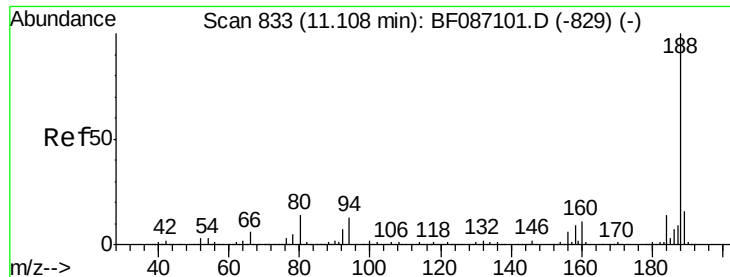
#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.27 min
Lab File: BF087275.D
Acq: 21 May 2016 16:22

Tgt Ion:165 Resp: 36095
Ion Ratio Lower Upper
165 100
63 1.8 44.3 66.5#
89 1.8 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

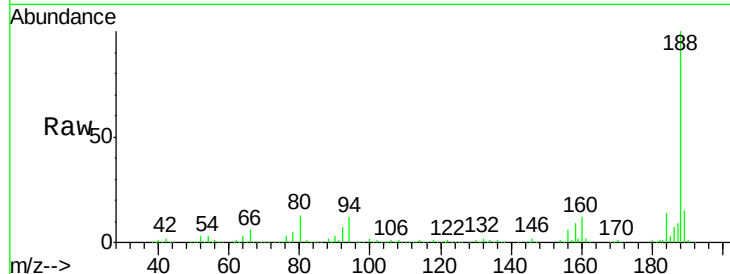




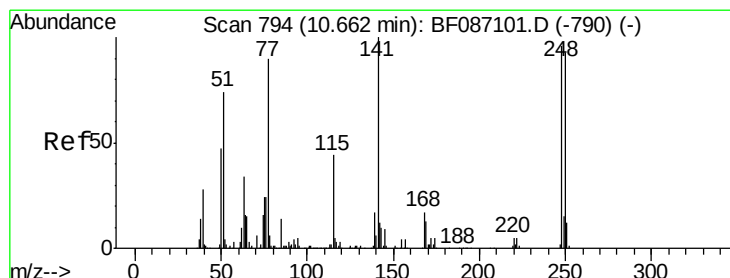
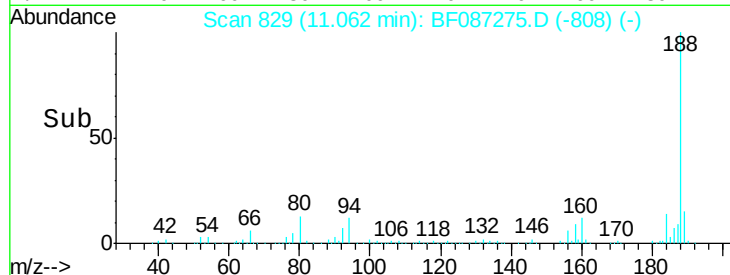
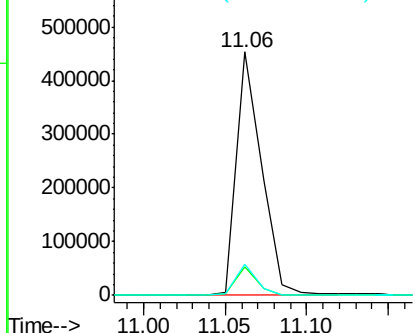
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.06 min
 Lab File: BF087275.D
 Acq: 21 May 2016 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-COMP

Tgt Ion:188 Resp: 482801
 Ion Ratio Lower Upper
 188 100
 94 11.6 6.8 10.2#
 80 13.1 7.1 10.7#

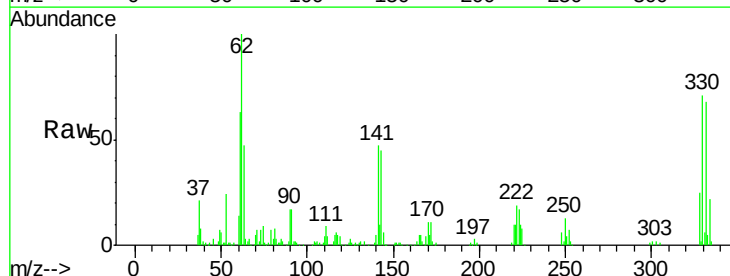


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

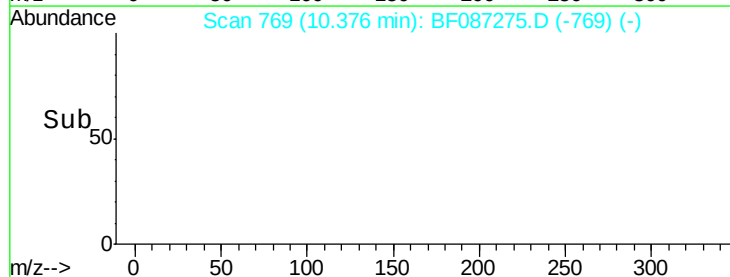
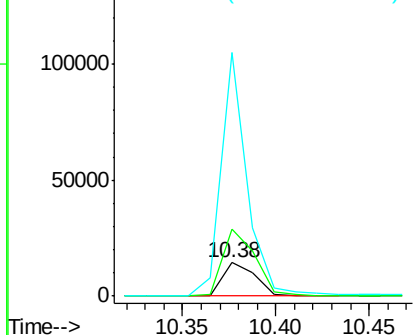


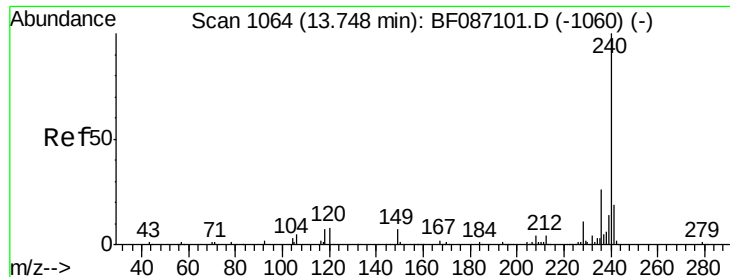
#66
 4-Bromophenyl-phenylether
 Concen: 3.57 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.30 min
 Lab File: BF087275.D
 Acq: 21 May 2016 16:22

Tgt Ion:248 Resp: 17746
 Ion Ratio Lower Upper
 248 100
 250 198.8 78.6 117.8#
 141 729.2 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. -0.07 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

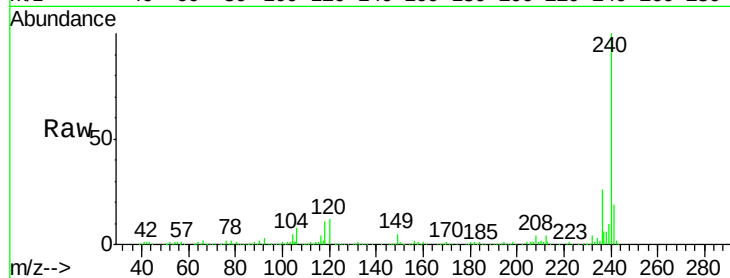
Tgt Ion:240 Resp: 343093

Ion Ratio Lower Upper

240 100

120 11.8 11.2 16.8

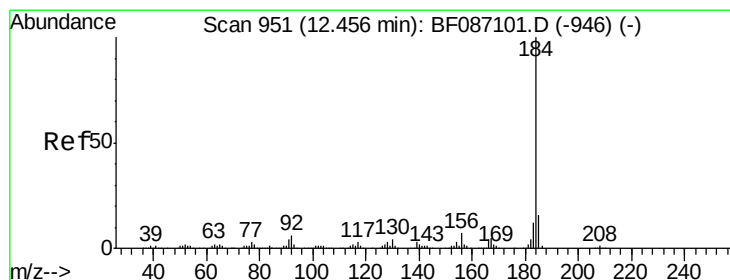
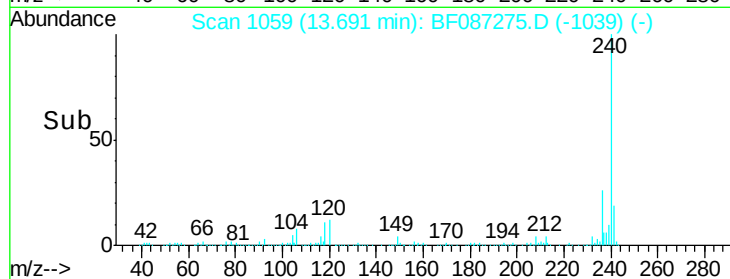
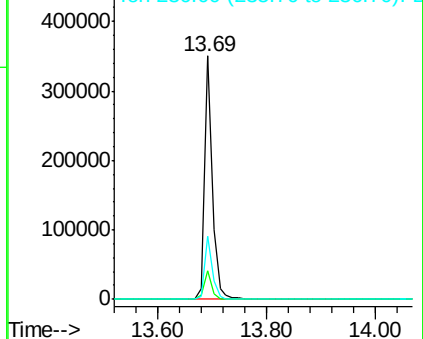
236 26.1 21.2 31.8



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



#76

Benzidine

Concen: 2.39 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.18 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

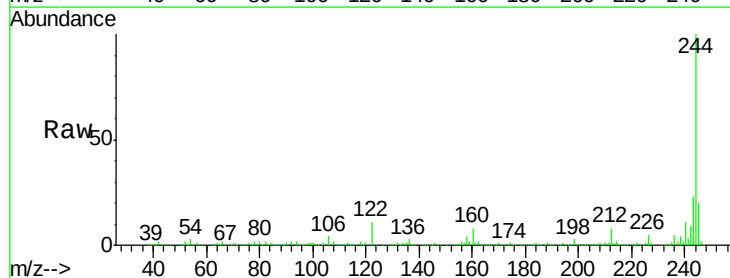
Tgt Ion:184 Resp: 18480

Ion Ratio Lower Upper

184 100

185 18.9 13.6 20.4

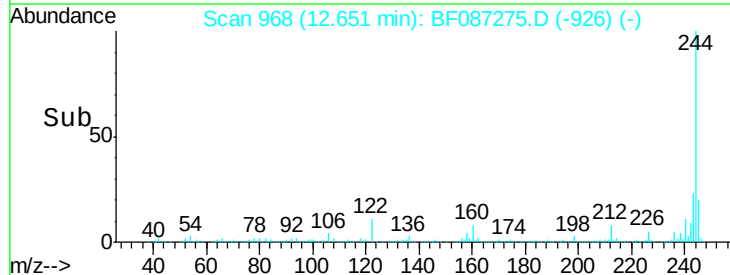
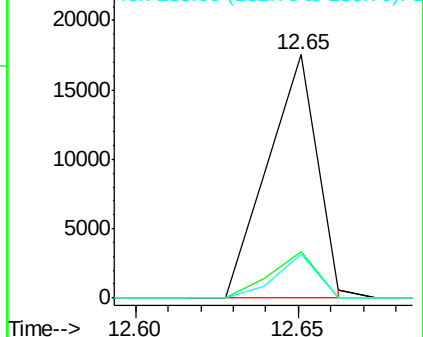
183 18.0 9.8 14.6#

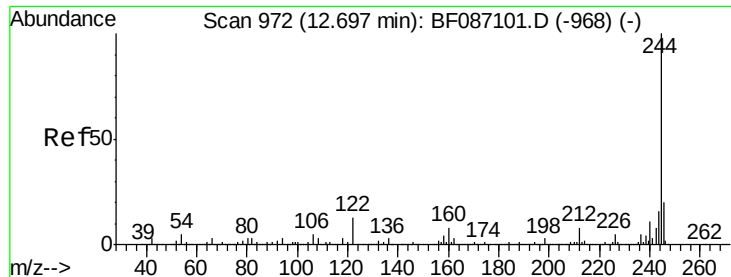


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 76.51 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

Instrument :

BNA_F

ClientSampleId :

SB-40-COMP

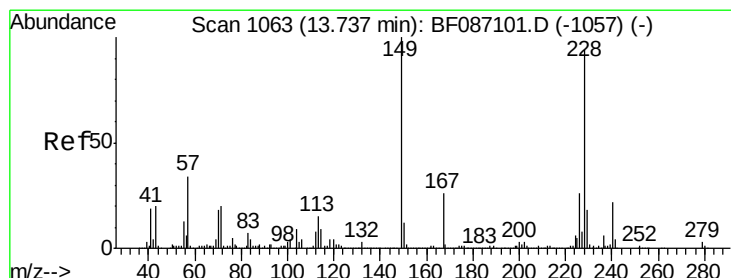
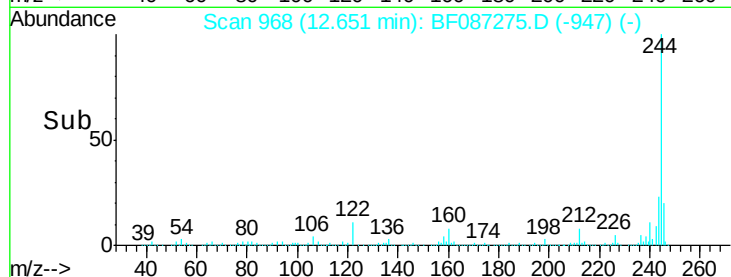
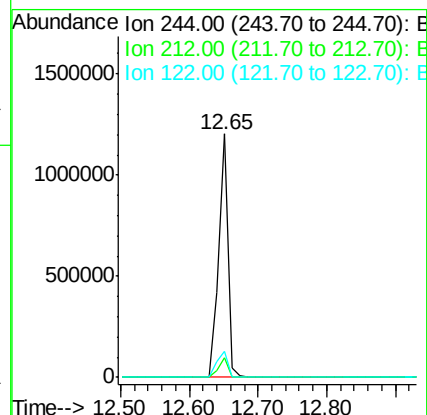
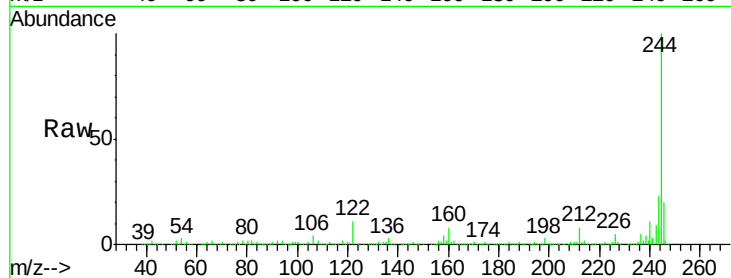
Tgt Ion:244 Resp: 1160432

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 10.5 12.0 18.0#



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.09 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF087275.D

Acq: 21 May 2016 16:22

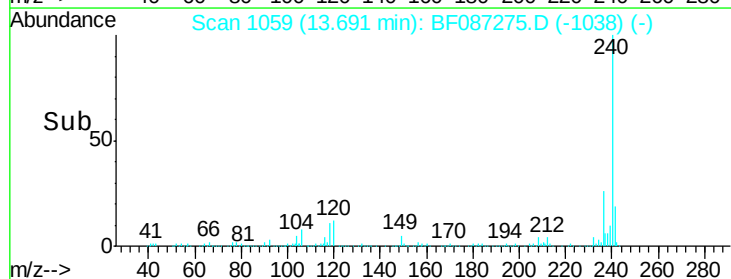
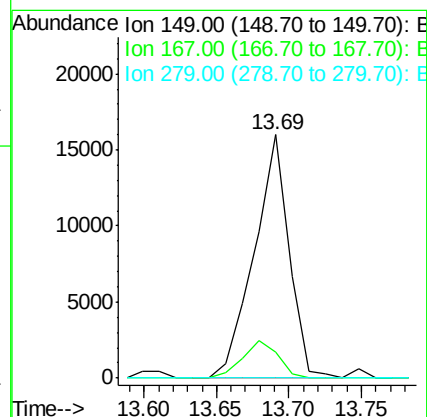
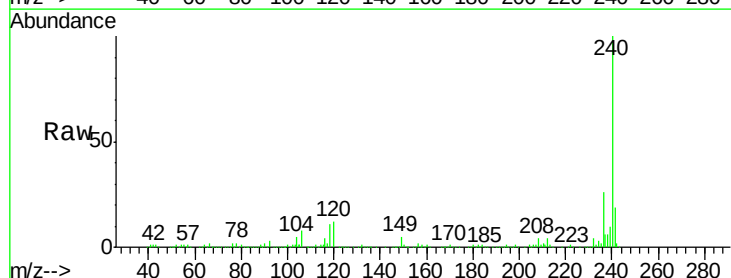
Tgt Ion:149 Resp: 26677

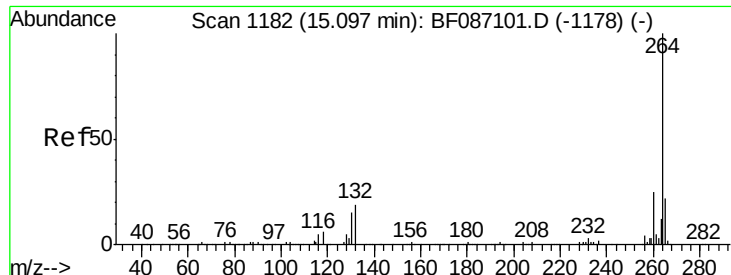
Ion Ratio Lower Upper

149 100

167 10.9 21.8 32.6#

279 0.0 2.6 4.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.07 min
Lab File: BF087275.D
Acq: 21 May 2016 16:22

Instrument :
BNA_F
ClientSampleId :
SB-40-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.0	17.3	25.9

