

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087268.D
 Acq On : 21 May 2016 13:00
 Operator : UM/SJ
 Sample : H3144-13
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: May 23 00:59:18 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

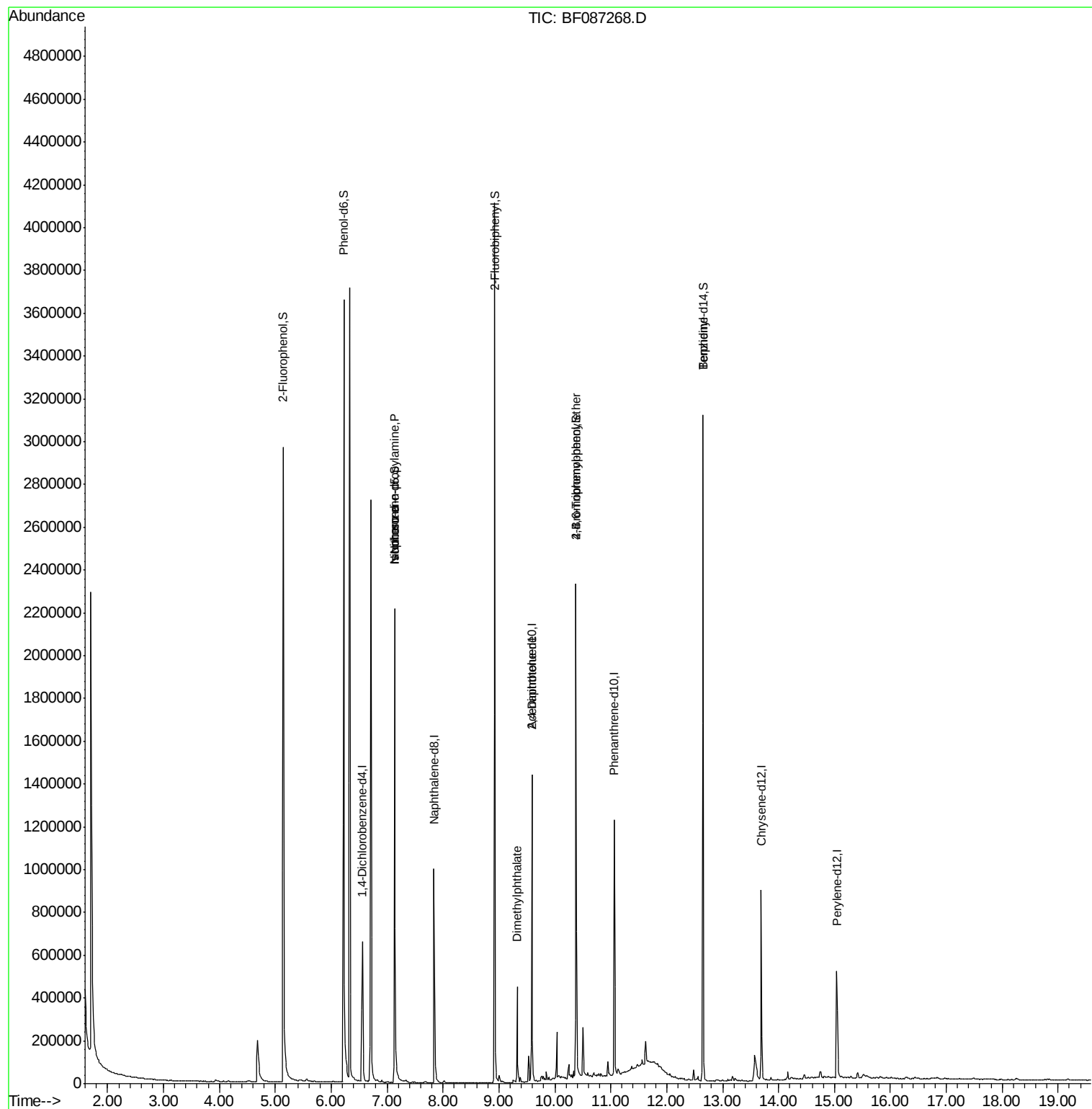
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	116175	20.00	ng	-0.05
21) Naphthalene-d8	7.84	136	521974	20.00	ng	-0.06
38) Acenaphthene-d10	9.59	164	251767	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	440107	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	309770	20.00	ng	-0.07
86) Perylene-d12	15.04	264	234877	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	874552	126.53	ng	-0.06
7) Phenol-d6	6.23	99	1201403	129.60	ng	-0.06
23) Nitrobenzene-d5	7.13	82	730997	69.80	ng	-0.06
41) 2,4,6-Tribromophenol	10.38	330	247173	88.84	ng	-0.07
44) 2-Fluorobiphenyl	8.92	172	1323310	87.05	ng	-0.06
78) Terphenyl-d14	12.65	244	1067640	77.96	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.13	70	103182	14.64	ng	# 73
25) Isophorone	7.13	82	710521	37.06	ng	# 68
49) Dimethylphthalate	9.32	163	156399	8.14	ng	99
56) 2,4-Dinitrotoluene	9.59	165	32212	6.03	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	16912	3.74	ng	# 1
76) Benzidine	12.65	184	16840	2.40	ng	# 93

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

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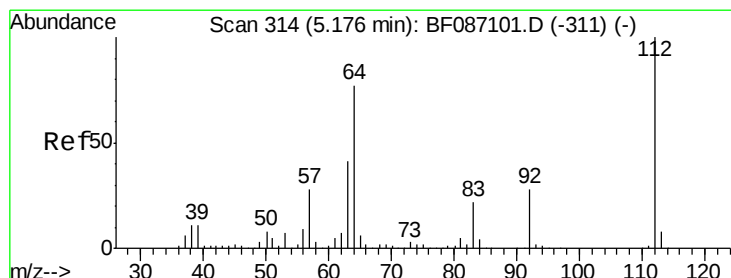
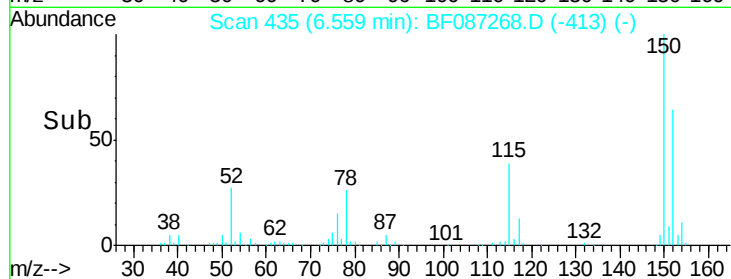
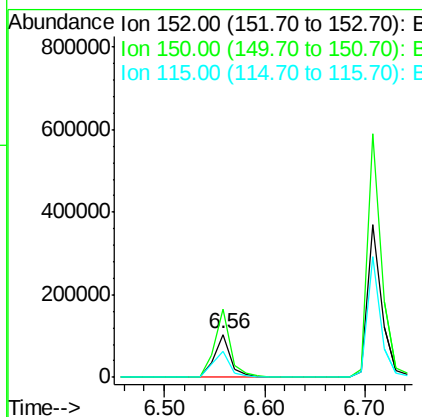
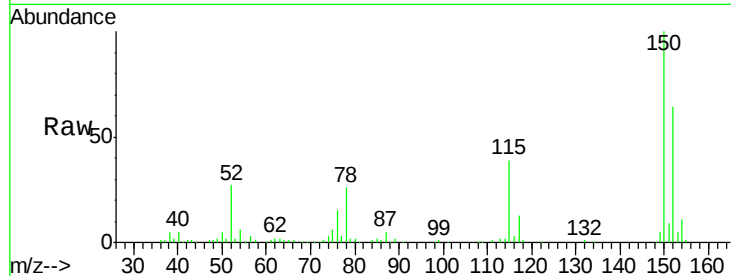




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.05 min
 Lab File: BF087268.D
 Acq: 21 May 2016 13:00

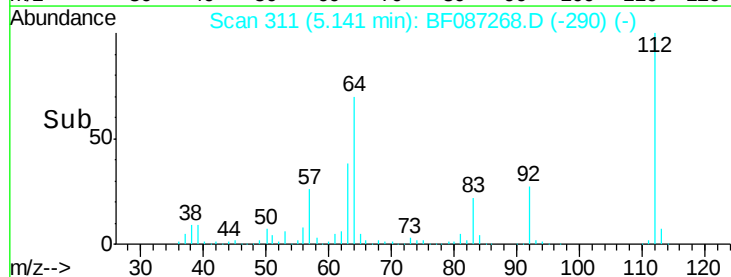
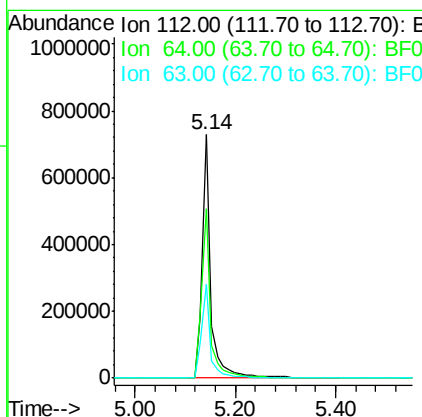
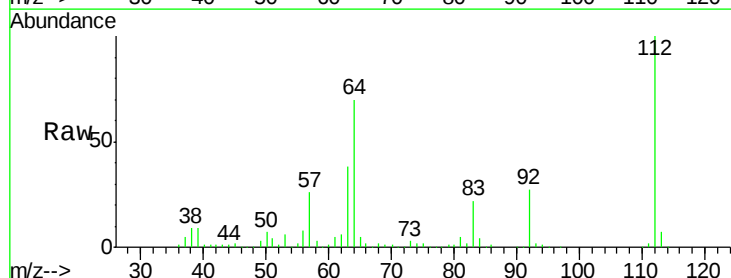
Instrument :
 BNA_F
 ClientSampleId :
 10-AB-AC(0-2)

Tgt Ion:152 Resp: 116175
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.8 188.6
 115 60.9 51.5 77.3



#5
 2-Fluorophenol
 Concen: 126.53 ng
 RT: 5.14 min Scan# 311
 Delta R.T. -0.06 min
 Lab File: BF087268.D
 Acq: 21 May 2016 13:00

Tgt Ion:112 Resp: 874552
 Ion Ratio Lower Upper
 112 100
 64 69.7 52.1 78.1
 63 38.3 25.7 38.5





#7

Phenol-d6

Concen: 129.60 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF087268.D

Acq: 21 May 2016 13:00

Instrument :

BNA_F

ClientSampleId :

10-AB-AC(0-2)

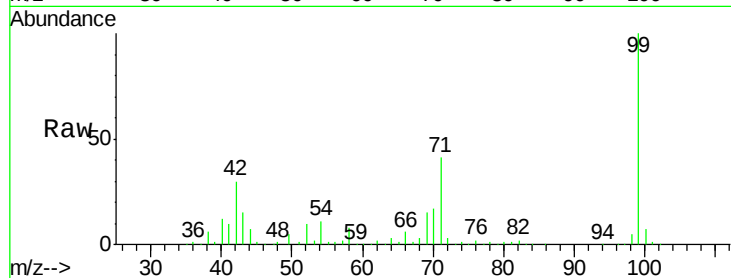
Tgt Ion: 99 Resp: 1201403

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

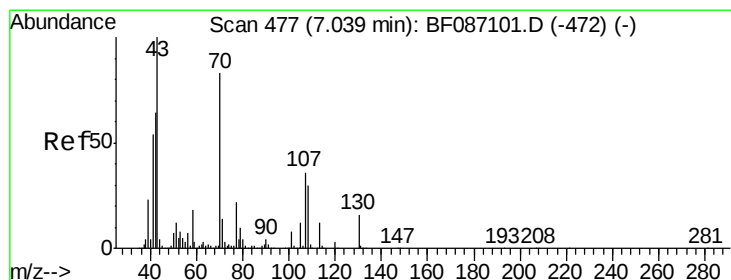
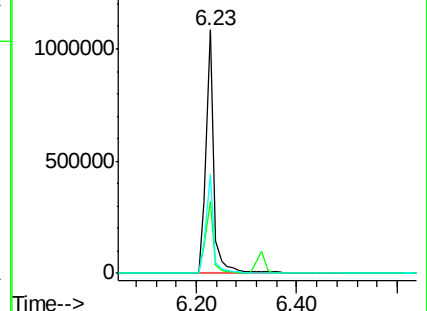
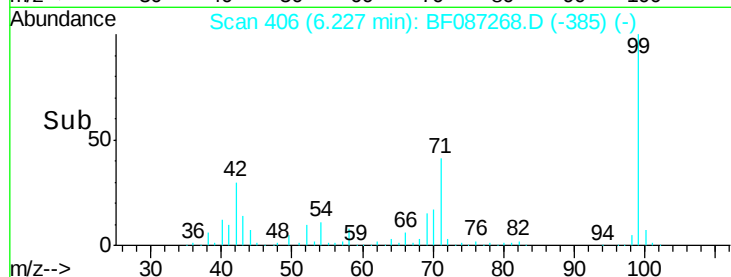
71 40.9 24.6 36.8#



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: 14.64 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.08 min

Lab File: BF087268.D

Acq: 21 May 2016 13:00

Tgt Ion: 70 Resp: 103182

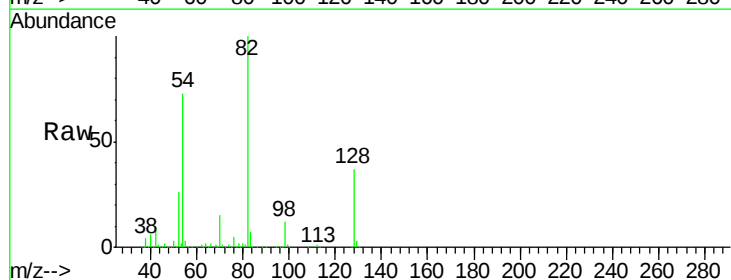
Ion Ratio Lower Upper

70 100

42 67.7 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

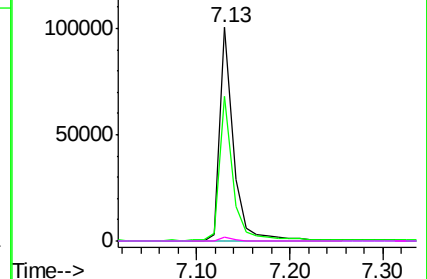
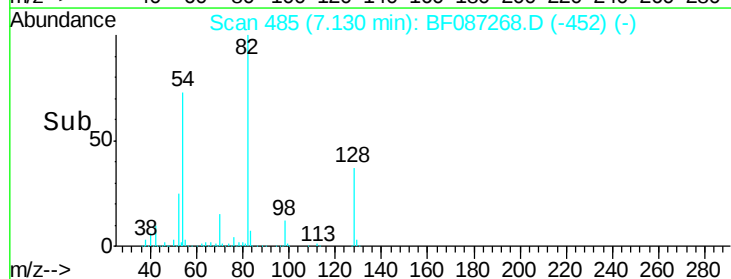


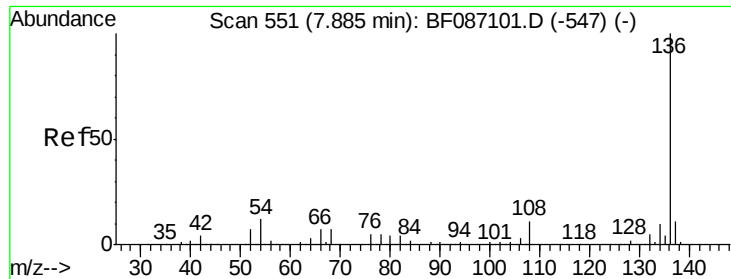
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

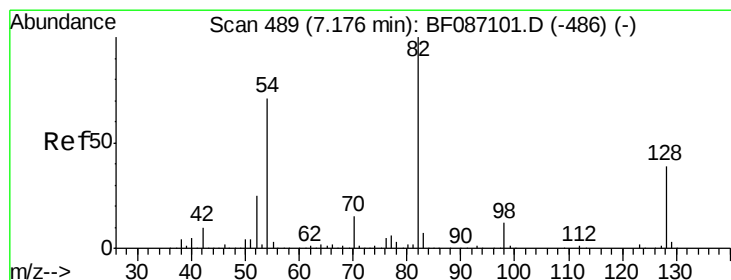
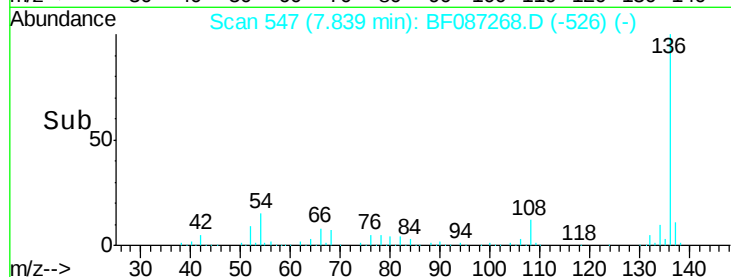
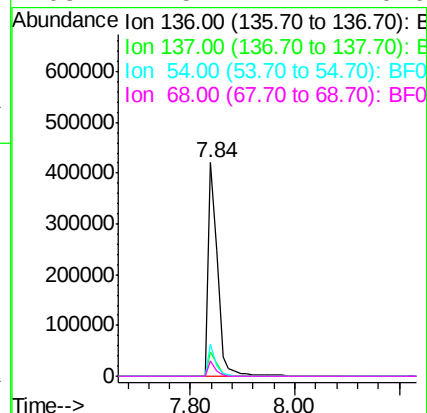
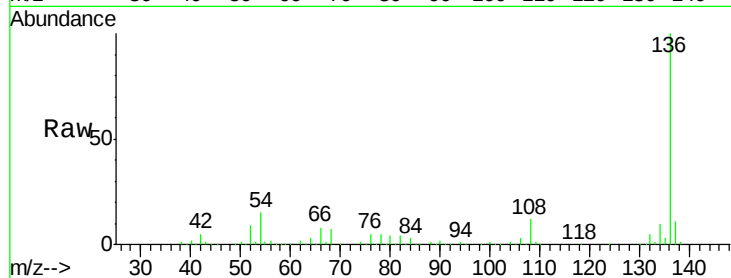




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF087268.D
Acq: 21 May 2016 13:00

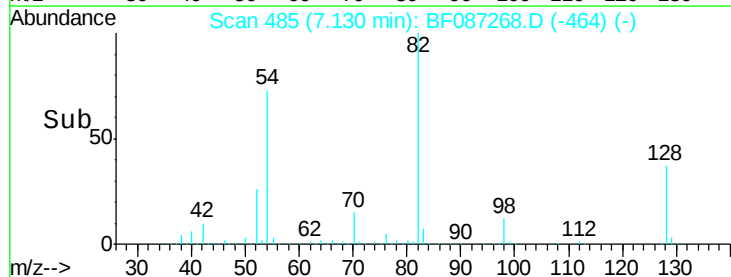
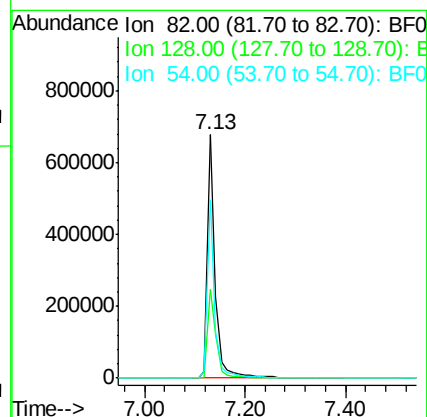
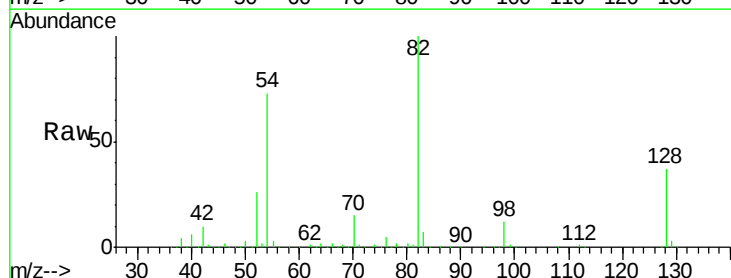
Instrument :
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10-AB-AC(0-2)

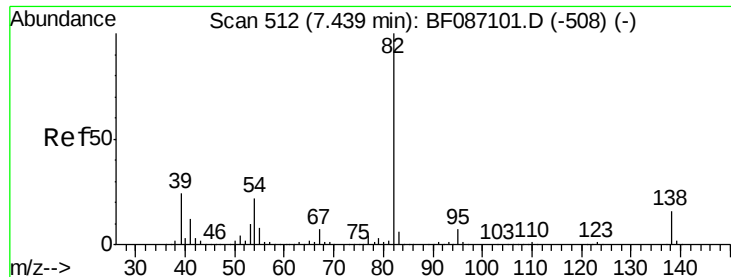
Tgt Ion:	136	Resp:	521974
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	15.3	5.0	7.4#
68	7.5	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 69.80 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.06 min
Lab File: BF087268.D
Acq: 21 May 2016 13:00

Tgt Ion:	82	Resp:	730997
Ion	Ratio	Lower	Upper
82	100		
128	36.6	40.6	61.0#
54	73.1	38.1	57.1#





#25

Isophorone

Concen: 37.06 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.32 min

Lab File: BF087268.D

Acq: 21 May 2016 13:00

Instrument :

BNA_F

ClientSampleId :

10-AB-AC(0-2)

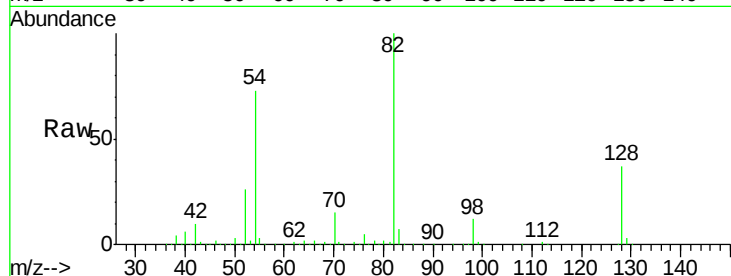
Tgt Ion: 82 Resp: 710521

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

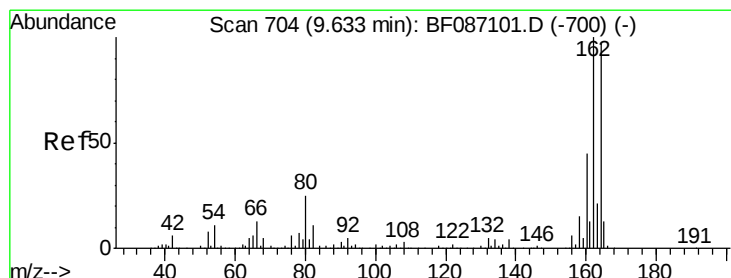
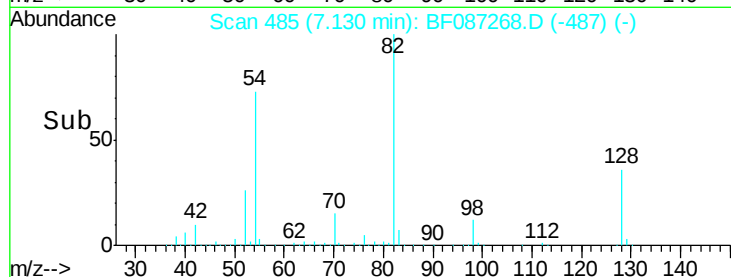
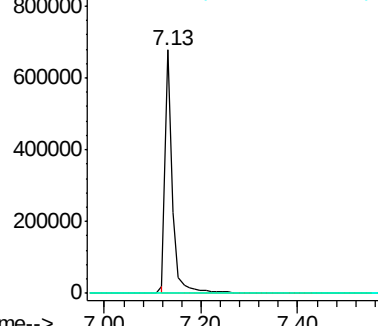
138 0.0 12.4 18.6#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF087268.D

Acq: 21 May 2016 13:00

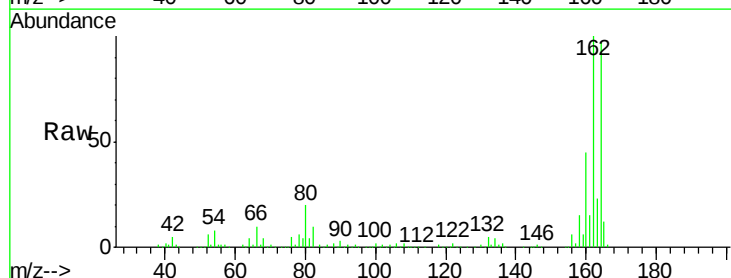
Tgt Ion: 164 Resp: 251767

Ion Ratio Lower Upper

164 100

162 103.1 82.8 124.2

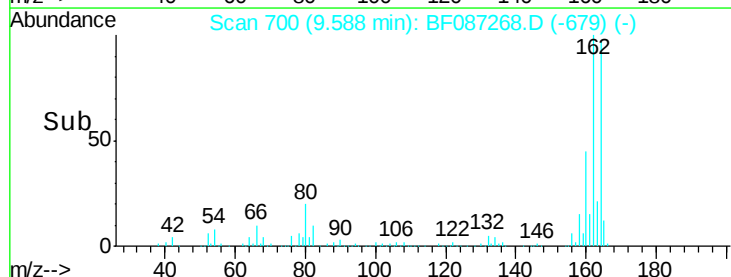
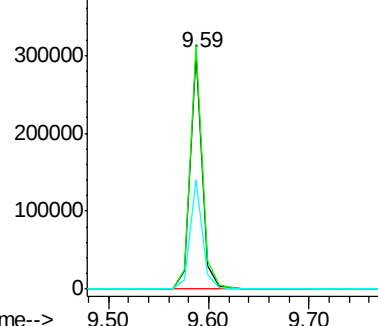
160 46.2 36.9 55.3

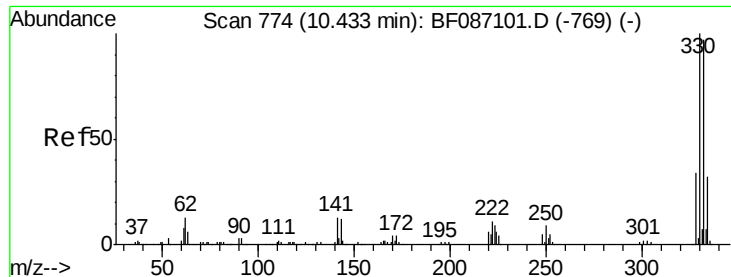


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

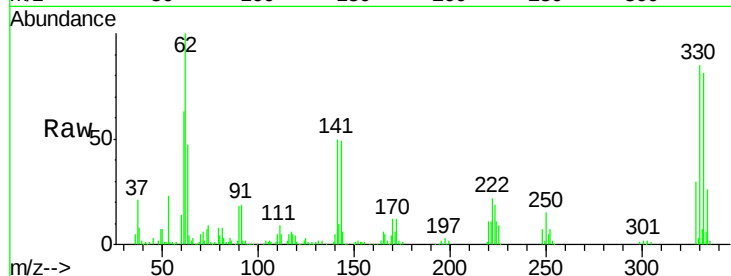




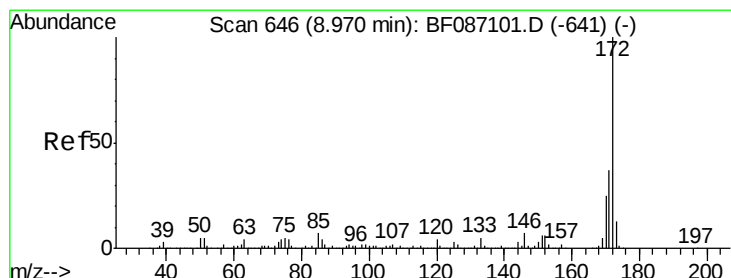
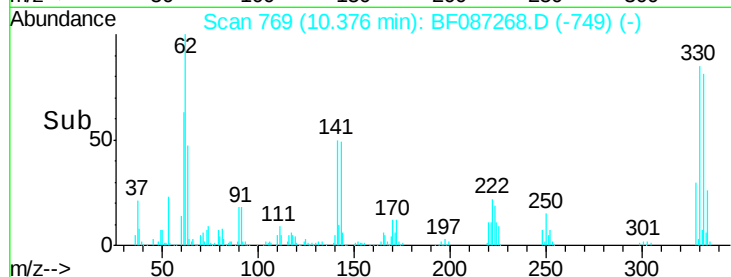
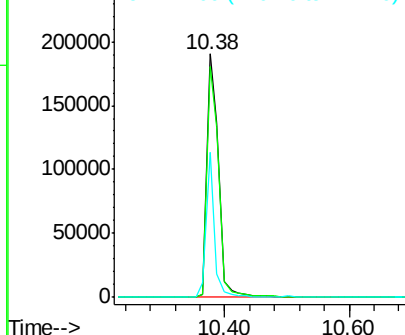
#41
 2,4,6-Tribromophenol
 Concen: 88.84 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.07 min
 Lab File: BF087268.D
 Acq: 21 May 2016 13:00

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

Tgt Ion: 330 Resp: 247173
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 42.4 31.2 46.8

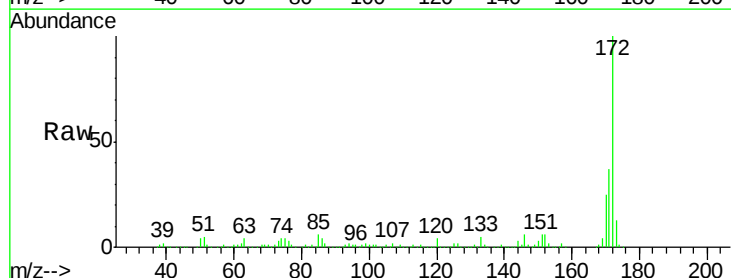


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

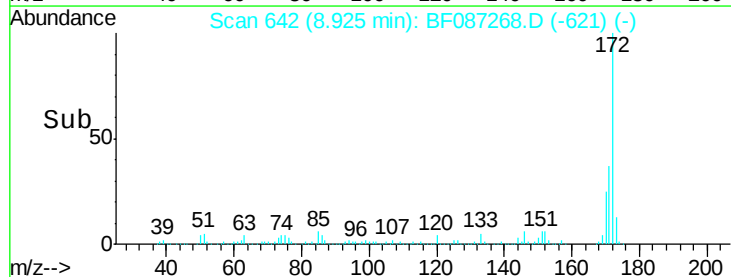
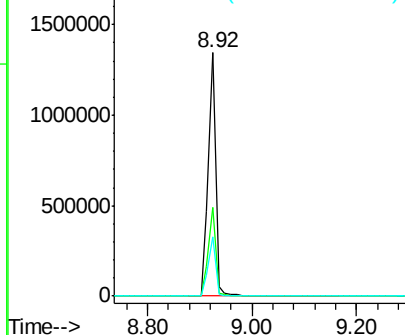


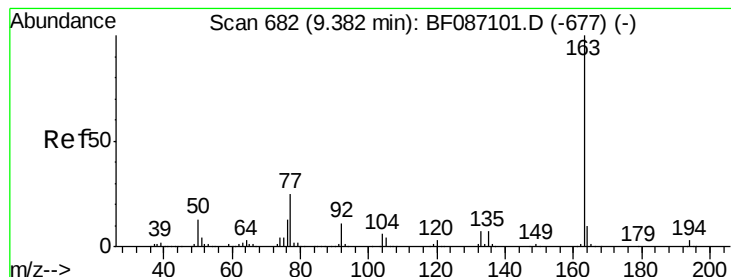
#44
 2-Fluorobiphenyl
 Concen: 87.05 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087268.D
 Acq: 21 May 2016 13:00

Tgt Ion: 172 Resp: 1323310
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.5 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: 8.14 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF087268.D

Acq: 21 May 2016 13:00

Instrument :

BNA_F

ClientSampleId :

10-AB-AC(0-2)

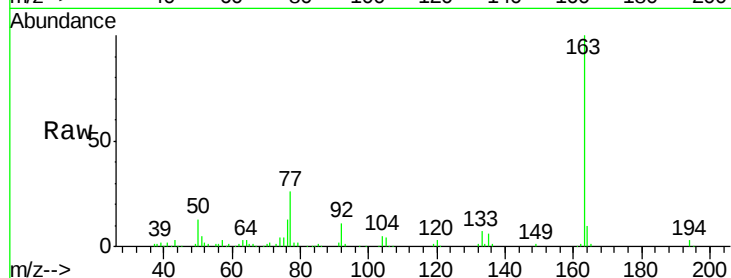
Tgt Ion:163 Resp: 156399

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

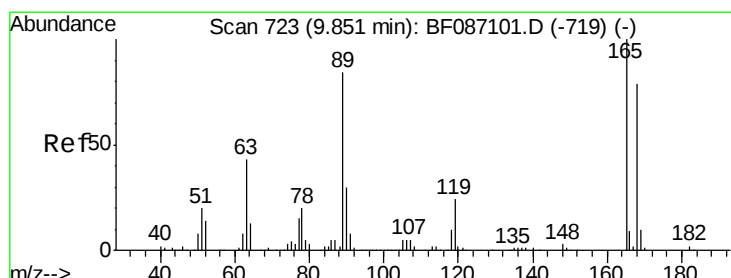
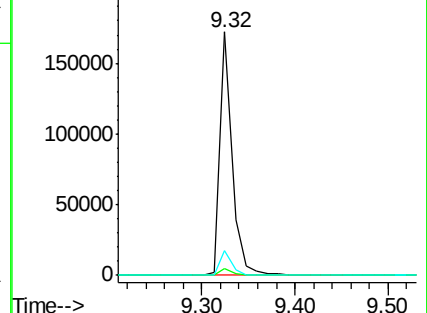
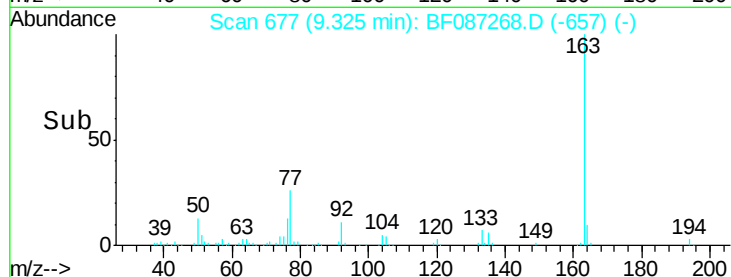
164 10.4 8.2 12.4



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: 6.03 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.27 min

Lab File: BF087268.D

Acq: 21 May 2016 13:00

Tgt Ion:165 Resp: 32212

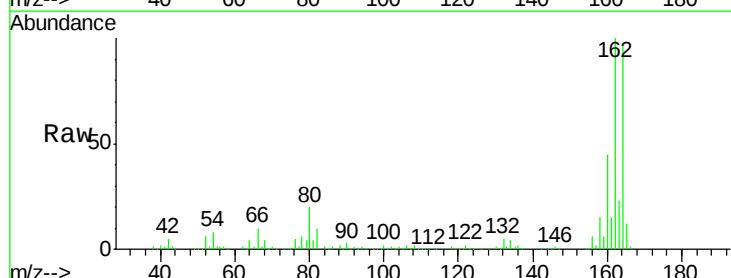
Ion Ratio Lower Upper

165 100

63 2.1 44.3 66.5#

89 1.8 70.0 105.0#

182 0.0 1.8 2.6#

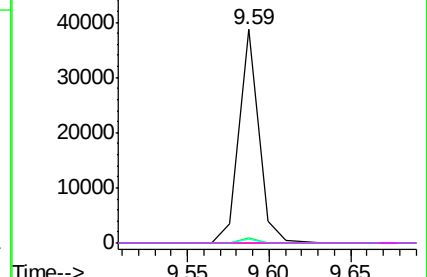
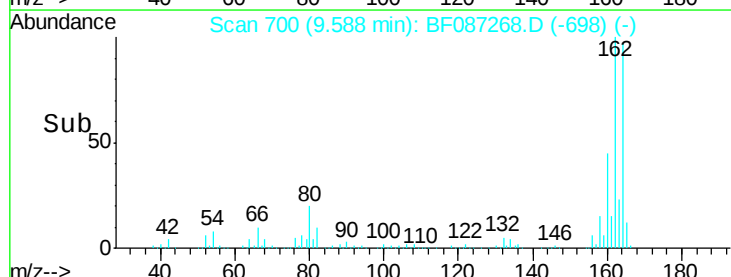


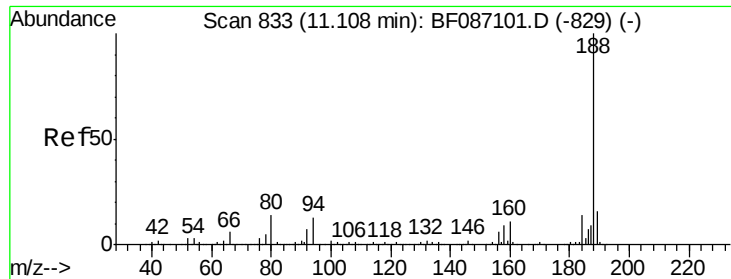
Abundance Ion 165.00 (164.70 to 165.70): E

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

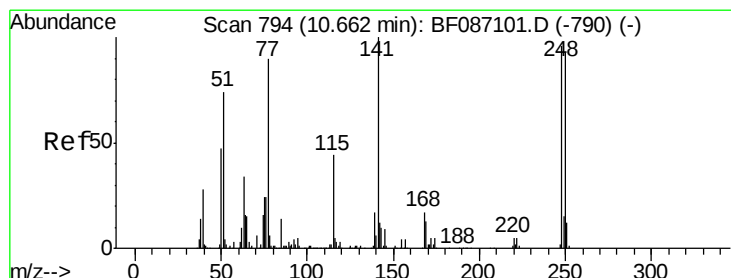
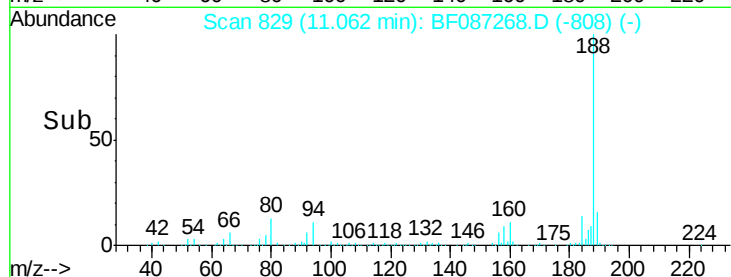
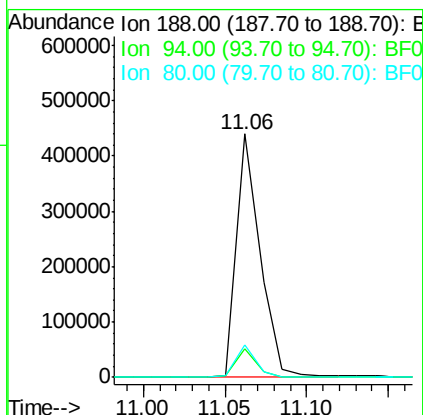
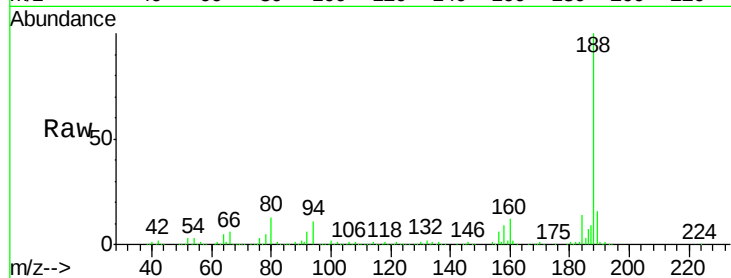




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF087268.D
Acq: 21 May 2016 13:00

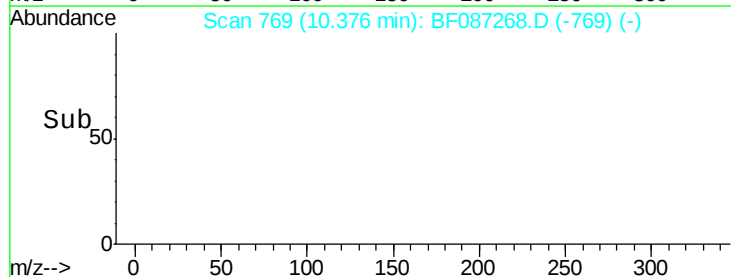
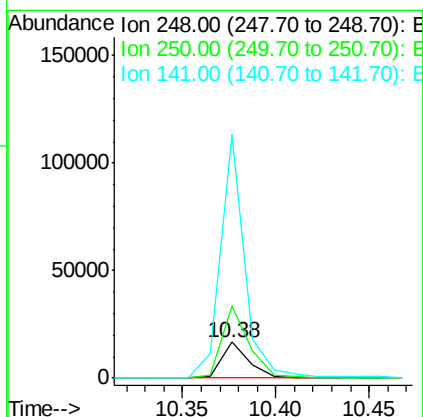
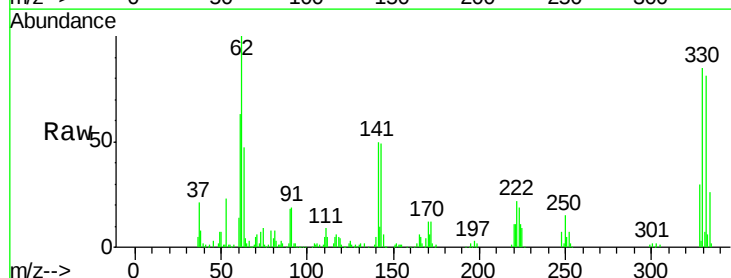
Instrument :
BNA_F
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10-AB-AC(0-2)

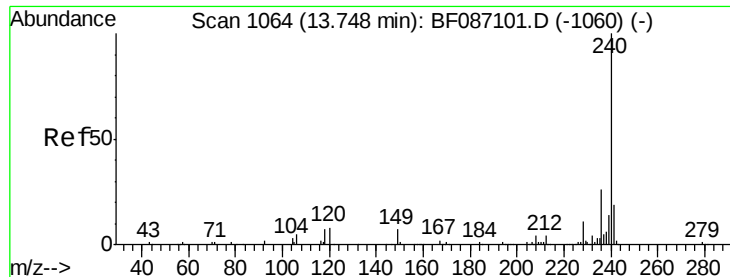
Tgt Ion:188 Resp: 440107
Ion Ratio Lower Upper
188 100
94 11.5 6.8 10.2#
80 13.3 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.30 min
Lab File: BF087268.D
Acq: 21 May 2016 13:00

Tgt Ion:248 Resp: 16912
Ion Ratio Lower Upper
248 100
250 200.3 78.6 117.8#
141 673.2 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.07 min

Lab File: BF087268.D

Acq: 21 May 2016 13:00

Instrument :

BNA_F

ClientSampleId :

10-AB-AC(0-2)

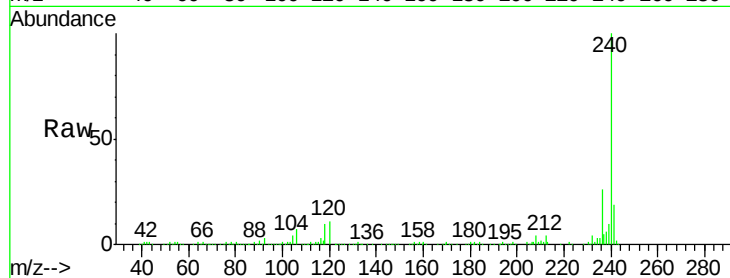
Tgt Ion:240 Resp: 309770

Ion Ratio Lower Upper

240 100

120 11.1 11.2 16.8#

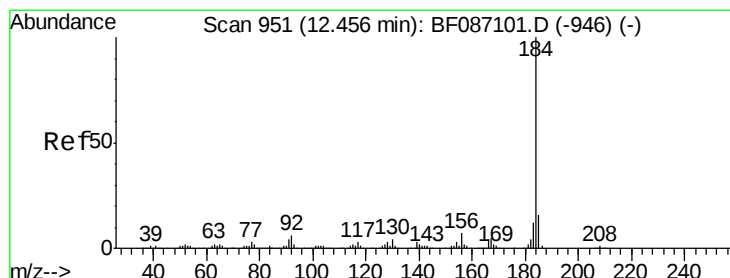
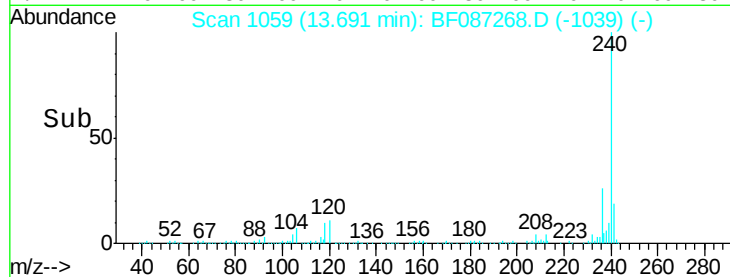
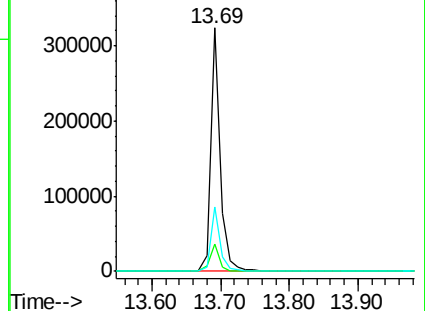
236 26.5 21.2 31.8



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: 2.40 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.18 min

Lab File: BF087268.D

Acq: 21 May 2016 13:00

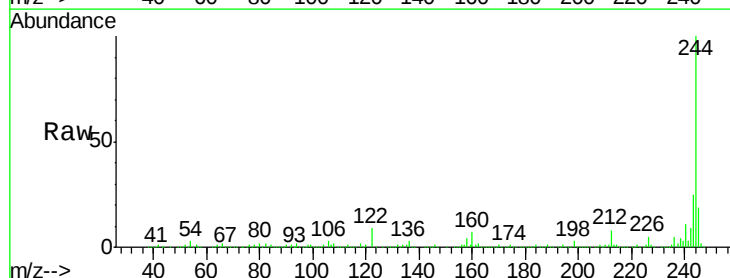
Tgt Ion:184 Resp: 16840

Ion Ratio Lower Upper

184 100

185 19.0 13.6 20.4

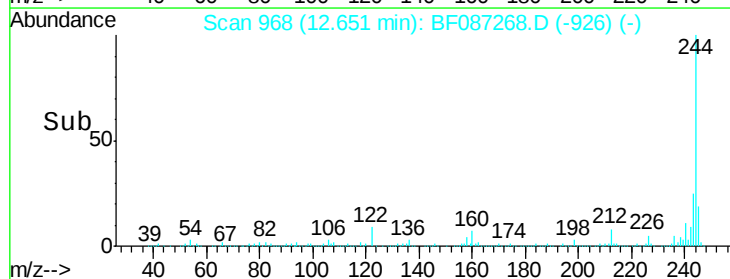
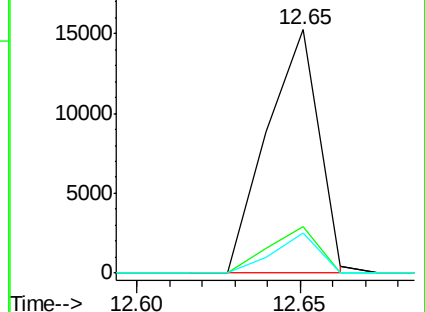
183 16.2 9.8 14.6#

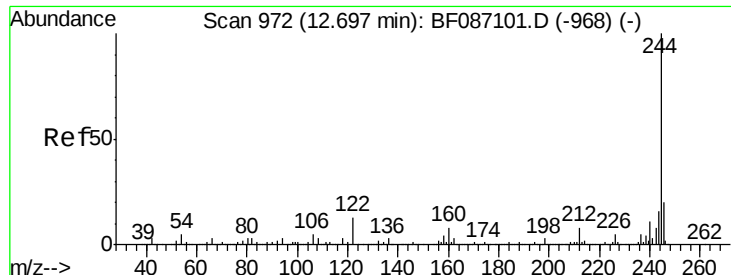


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

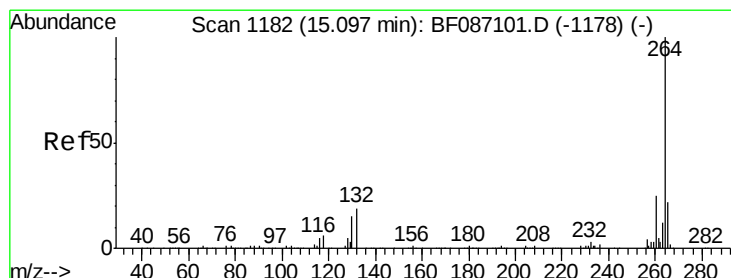
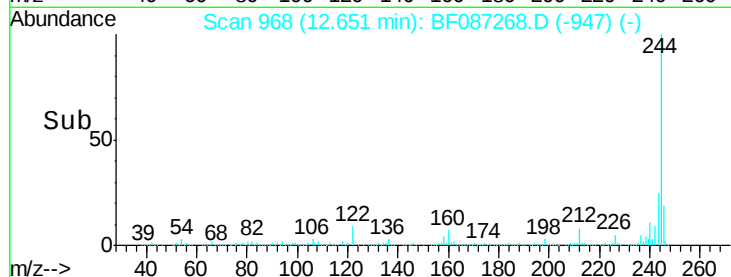
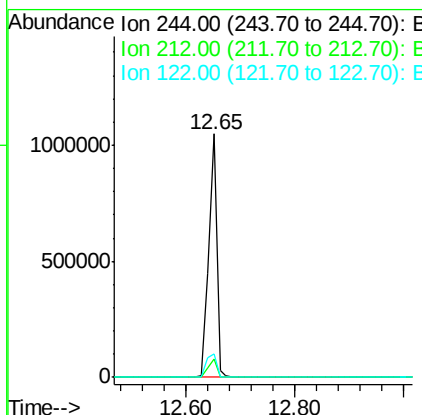
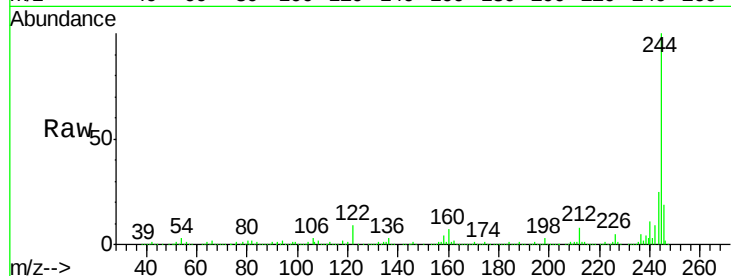




#78
 Terphenyl-d14
 Concen: 77.96 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.06 min
 Lab File: BF087268.D
 Acq: 21 May 2016 13:00

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

Tgt Ion:244 Resp: 1067640
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.4 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.07 min
 Lab File: BF087268.D
 Acq: 21 May 2016 13:00

Tgt Ion:264 Resp: 234877
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 22.1 17.3 25.9

