

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087247.D
 Acq On : 21 May 2016 2:18
 Operator : UM/SJ
 Sample : H3144-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 21 03:20:30 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

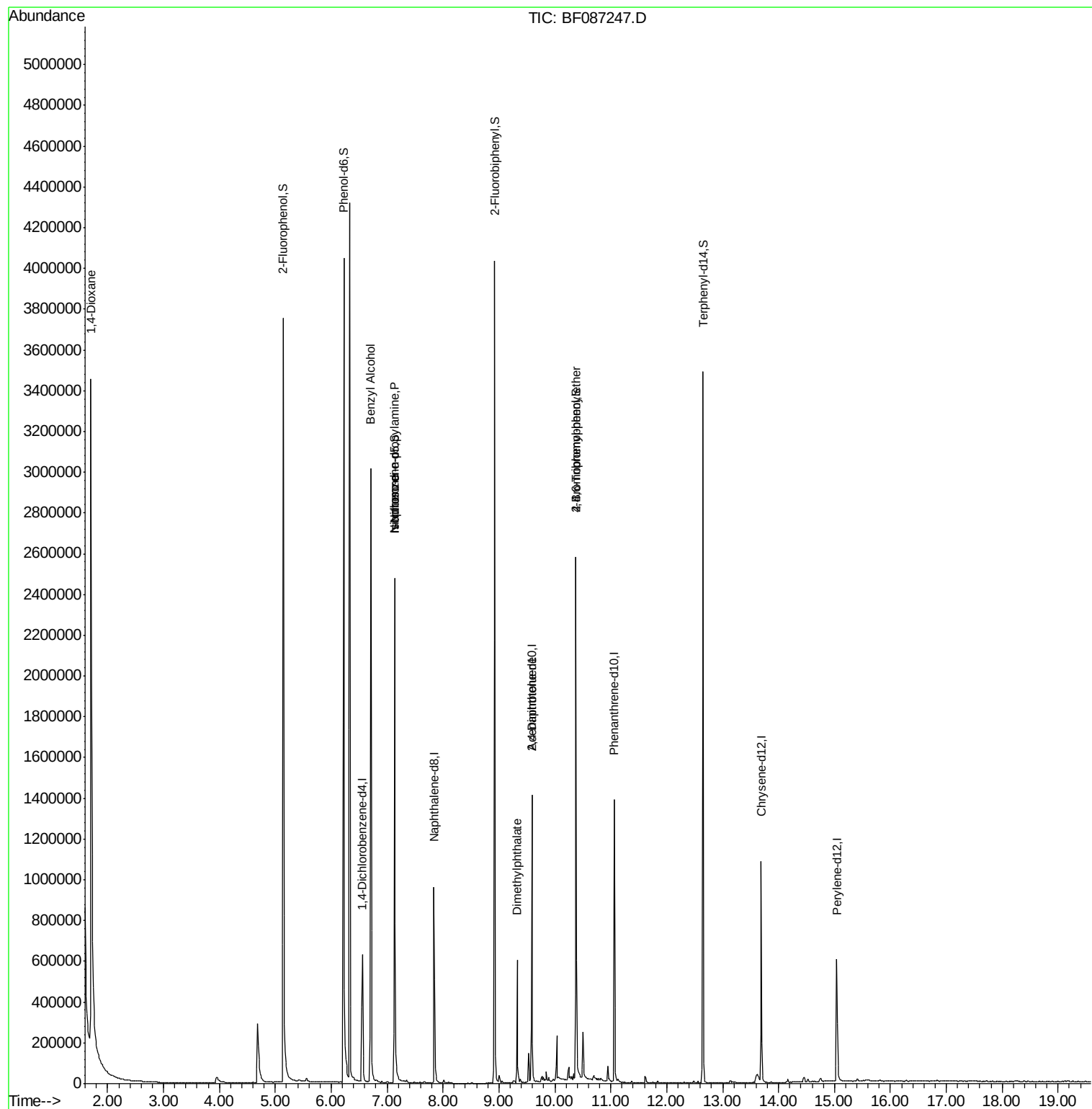
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	116420	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	516542	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	263394	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	489215	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	386519	20.00	ng	-0.01
86) Perylene-d12	15.04	264	265380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	991352	143.13	ng	0.01
7) Phenol-d6	6.23	99	1390315	149.66	ng	0.00
23) Nitrobenzene-d5	7.13	82	832585	80.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	279660	96.08	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1420079	89.29	ng	0.00
78) Terphenyl-d14	12.65	244	1242465	72.72	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.70	88	124678	34.99	ng	# 22
15) Benzyl Alcohol	6.71	79	14480	2.09	ng	# 44
19) n-Nitroso-di-n-propylamine	7.13	70	115366	16.34	ng	# 70
25) Isophorone	7.13	82	776809	40.94	ng	# 68
49) Dimethylphthalate	9.32	163	212038	10.55	ng	99
56) 2,4-Dinitrotoluene	9.59	165	34015	6.09	ng	# 16
66) 4-Bromophenyl-phenylether	10.38	248	18582	3.69	ng	# 1

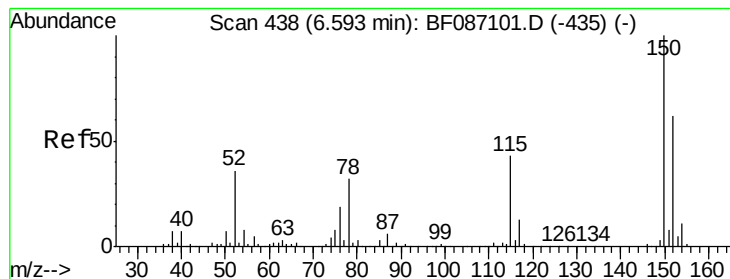
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087247.D

Acq: 21 May 2016 2:18

Instrument :

BNA_F

ClientSampleId :

8-AB-AC(0-2)

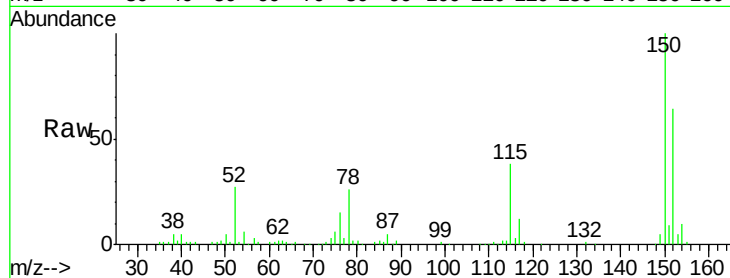
Tgt Ion:152 Resp: 116420

Ion Ratio Lower Upper

152 100

150 157.4 125.8 188.6

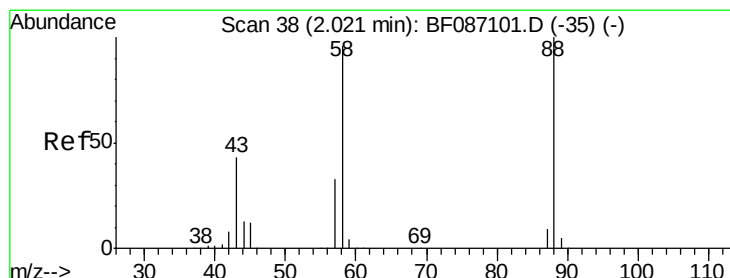
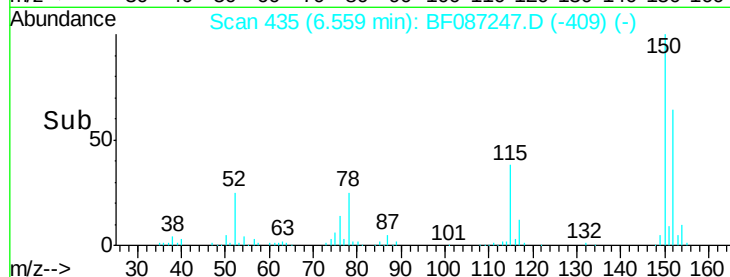
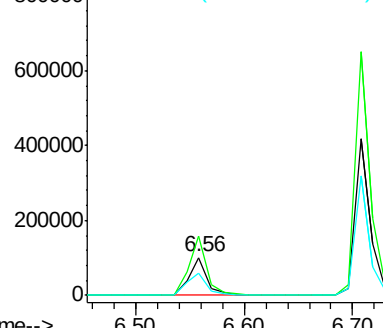
115 60.2 51.5 77.3



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: 34.99 ng

RT: 1.70 min Scan# 10

Delta R.T. -0.26 min

Lab File: BF087247.D

Acq: 21 May 2016 2:18

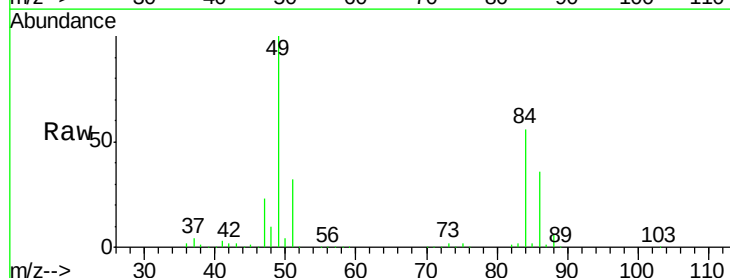
Tgt Ion: 88 Resp: 124678

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

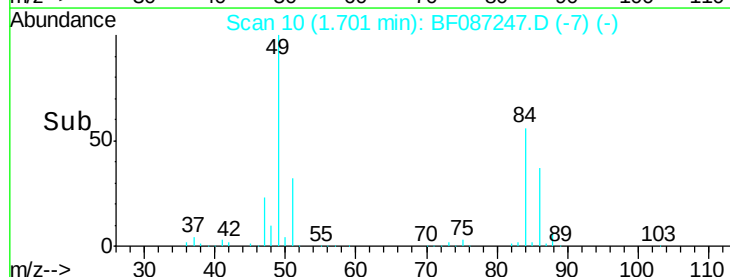
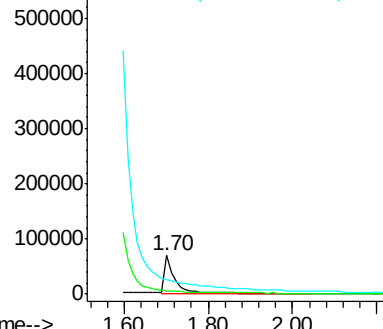
43 0.0 21.8 32.6#

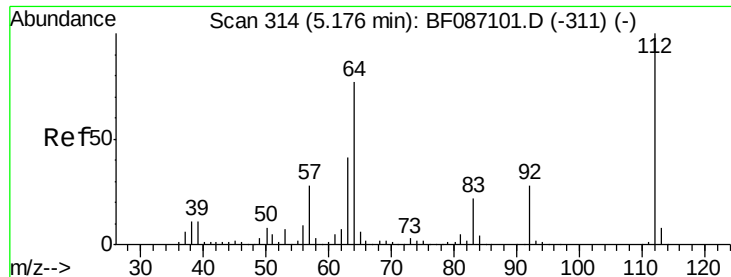


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

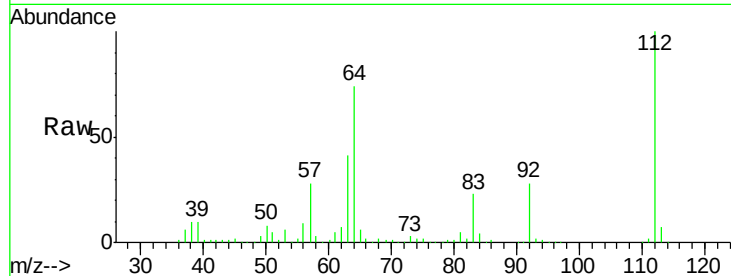




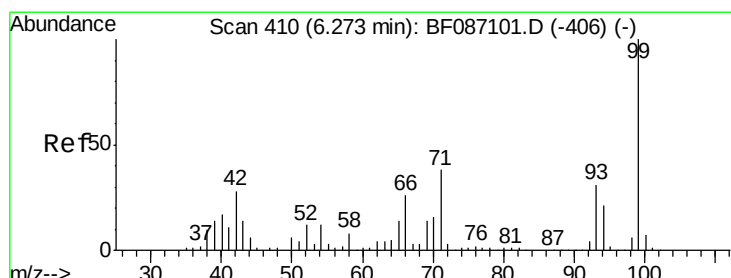
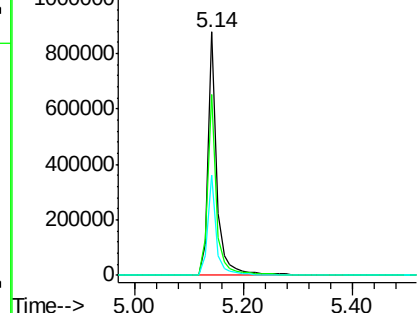
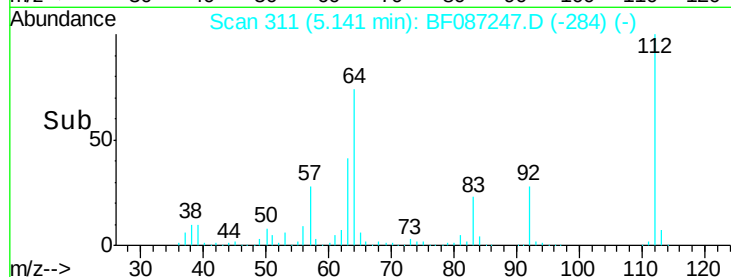
#5
 2-Fluorophenol
 Concen: 143.13 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: BF087247.D
 Acq: 21 May 2016 2:18

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

Tgt Ion: 112 Resp: 991352
 Ion Ratio Lower Upper
 112 100
 64 74.3 52.1 78.1
 63 41.2 25.7 38.5#

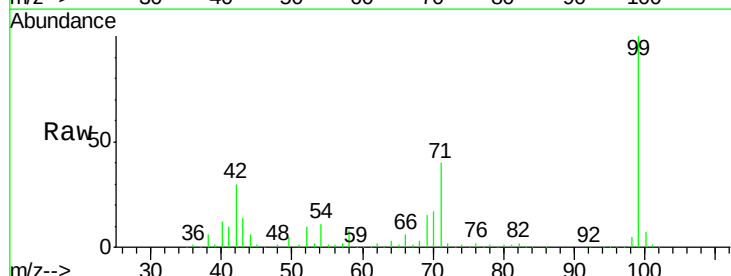


Abundance Ion 112.00 (111.70 to 112.70): BF0
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

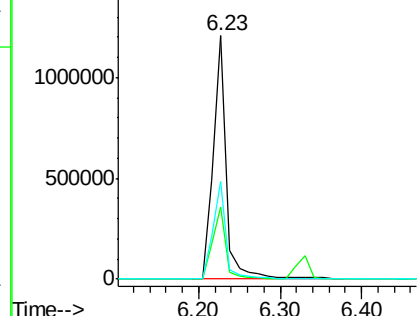
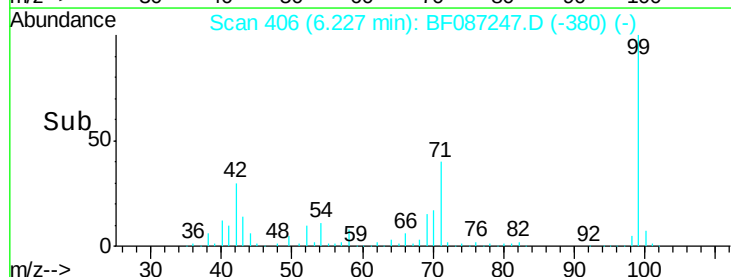


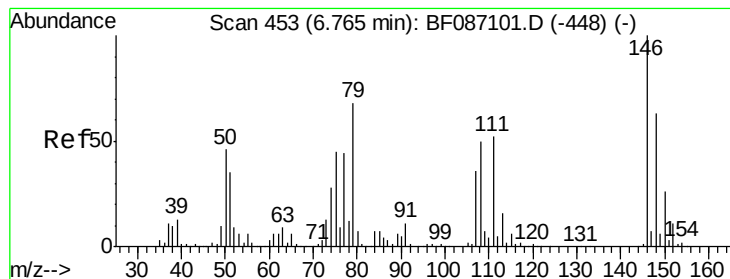
#7
 Phenol-d6
 Concen: 149.66 ng
 RT: 6.23 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF087247.D
 Acq: 21 May 2016 2:18

Tgt Ion: 99 Resp: 1390315
 Ion Ratio Lower Upper
 99 100
 42 29.5 13.6 20.4#
 71 40.3 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





#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF087247.D

Acq: 21 May 2016 2:18

Instrument :

BNA_F

ClientSampleId :

8-AB-AC(0-2)

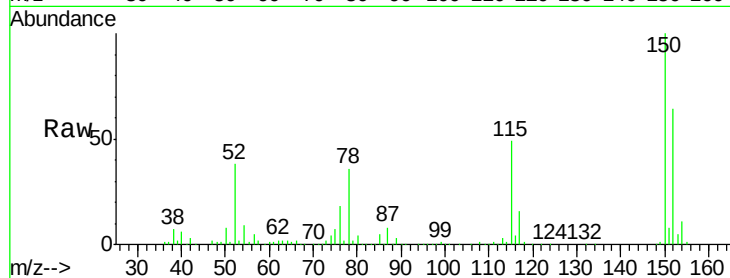
Tgt Ion: 79 Resp: 14480

Ion Ratio Lower Upper

79 100

108 28.1 68.4 102.6#

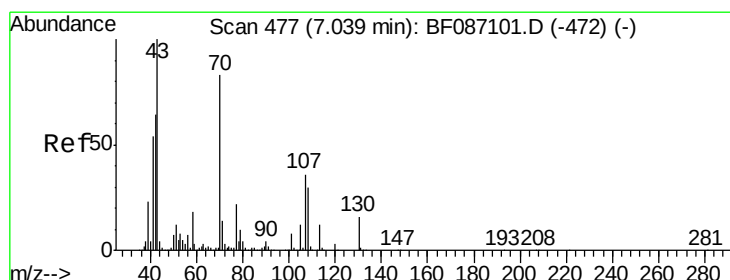
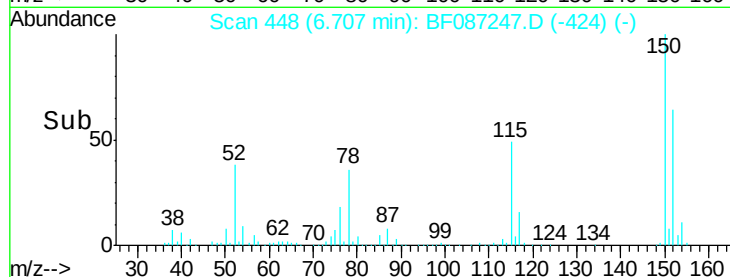
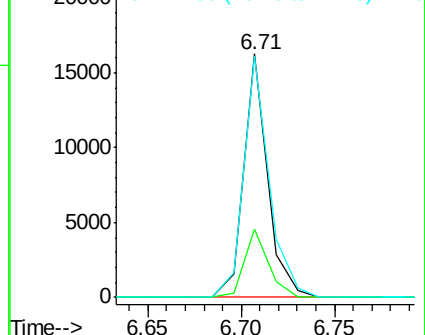
77 98.9 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.34 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF087247.D

Acq: 21 May 2016 2:18

Tgt Ion: 70 Resp: 115366

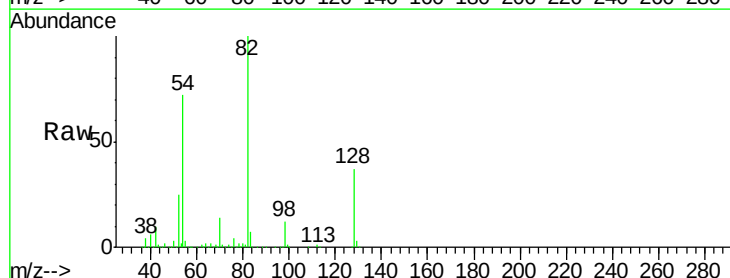
Ion Ratio Lower Upper

70 100

42 71.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

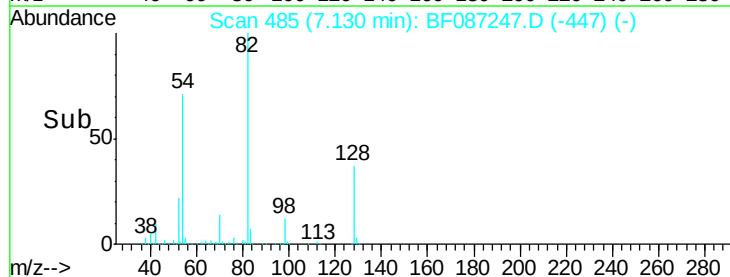
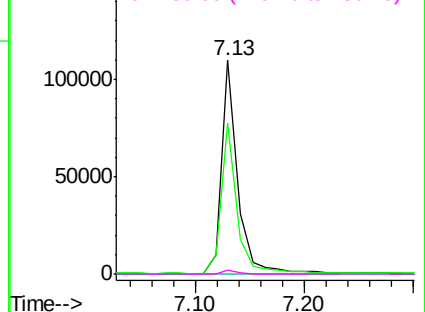


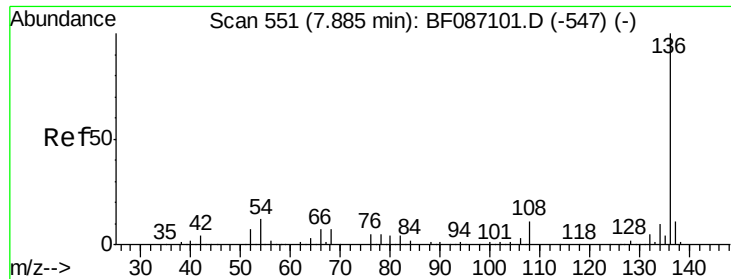
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

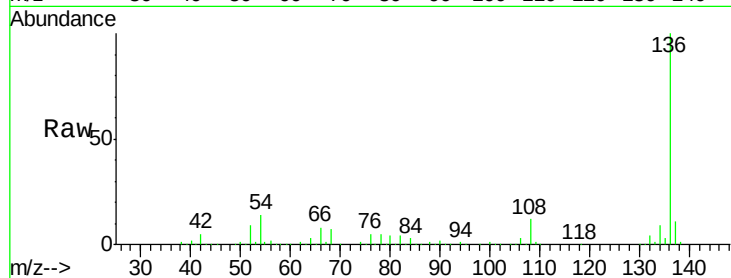




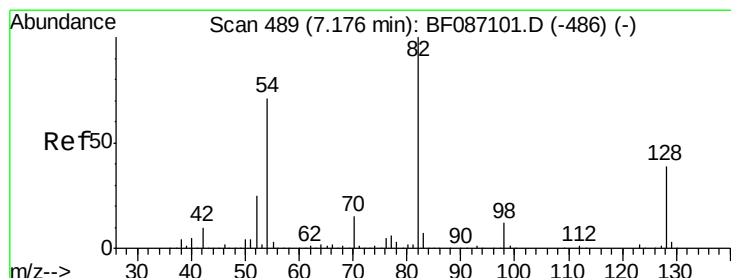
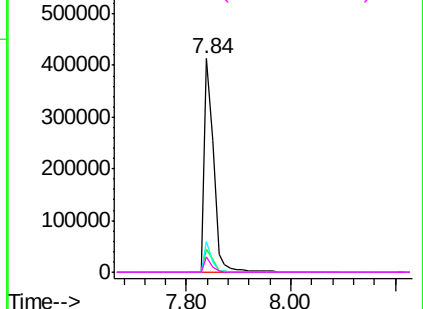
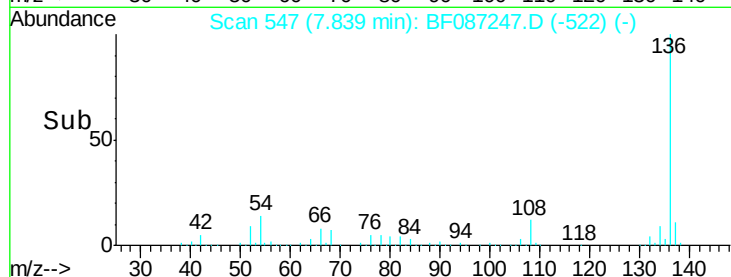
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087247.D
Acq: 21 May 2016 2:18

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

Tgt Ion:	136	Resp:	516542
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	14.4	5.0	7.4#
68	7.2	4.4	6.6#

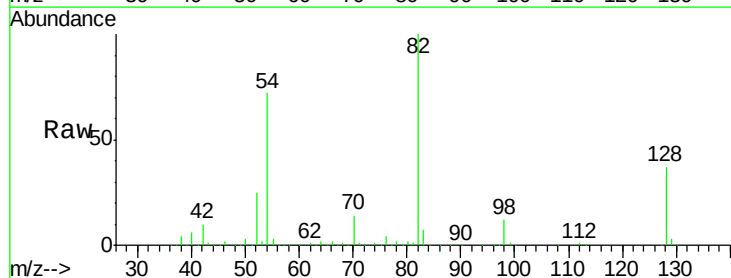


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

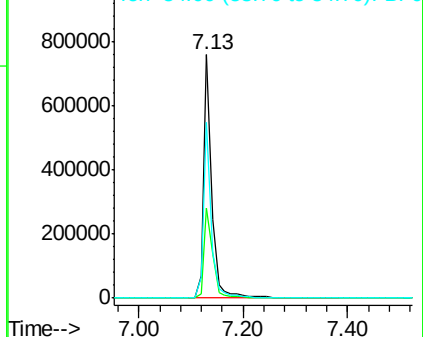
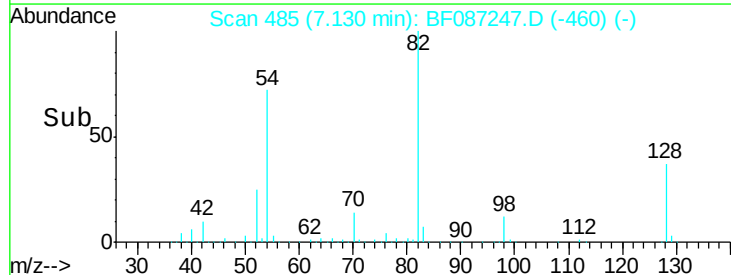


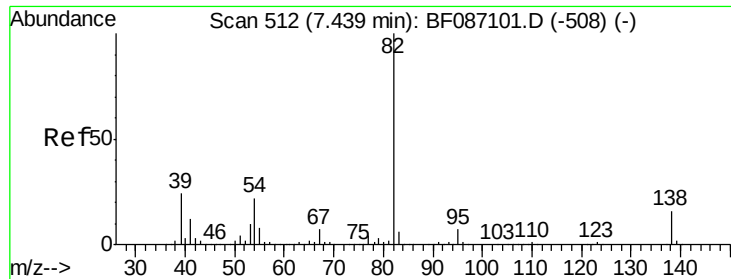
#23
Nitrobenzene-d5
Concen: 80.33 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF087247.D
Acq: 21 May 2016 2:18

Tgt Ion:	82	Resp:	832585
Ion	Ratio	Lower	Upper
82	100		
128	37.2	40.6	61.0#
54	72.1	38.1	57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

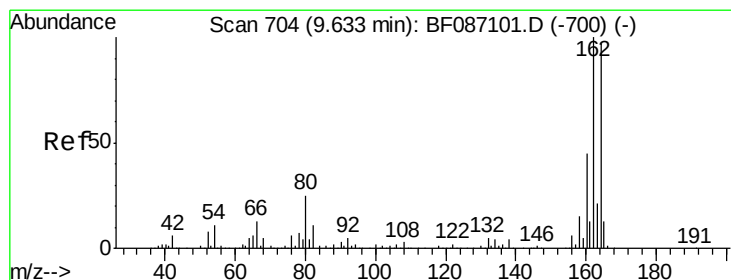
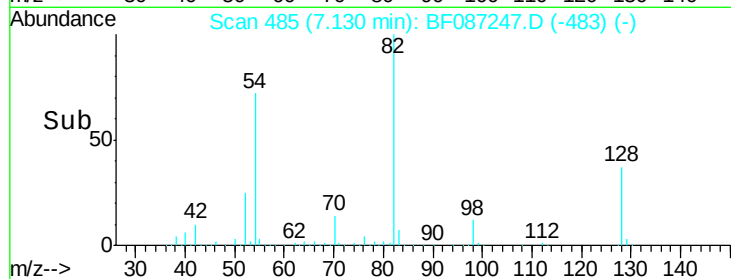
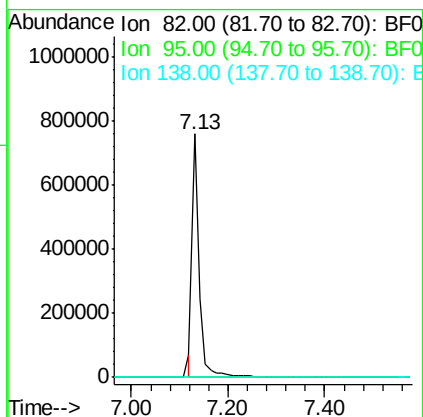
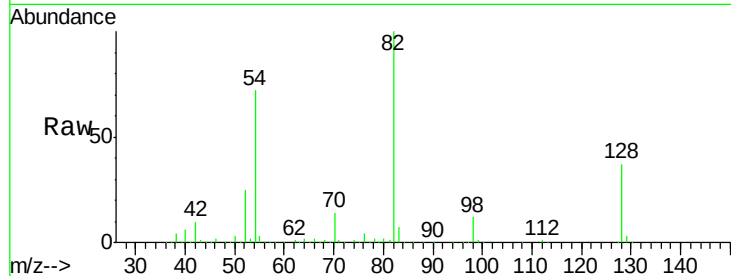




#25
Isophorone
Concen: 40.94 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.27 min
Lab File: BF087247.D
Acq: 21 May 2016 2:18

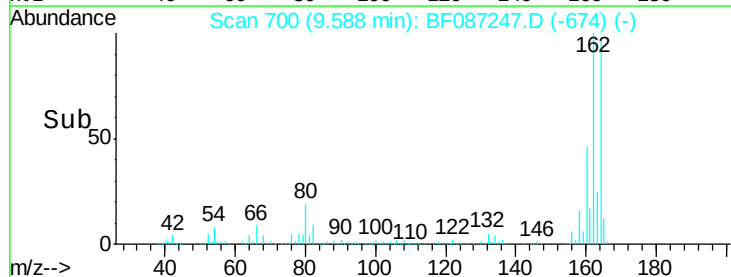
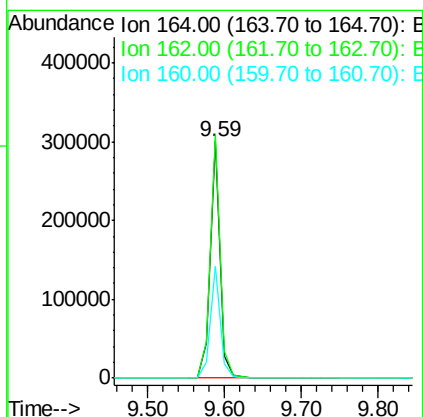
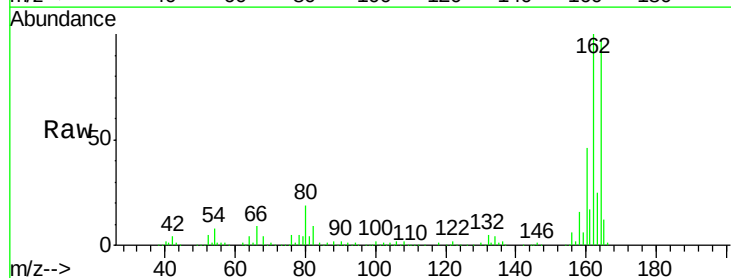
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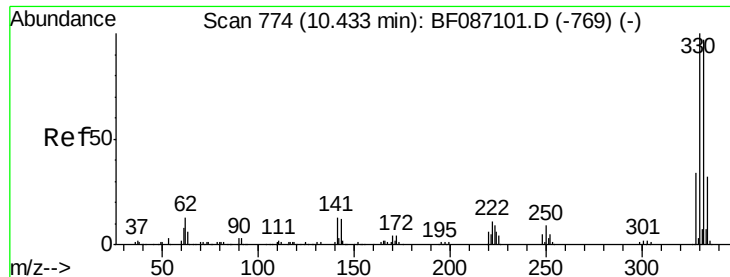
Tgt Ion: 82 Resp: 776809
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF087247.D
Acq: 21 May 2016 2:18

Tgt Ion: 164 Resp: 263394
Ion Ratio Lower Upper
164 100
162 102.9 82.8 124.2
160 47.0 36.9 55.3

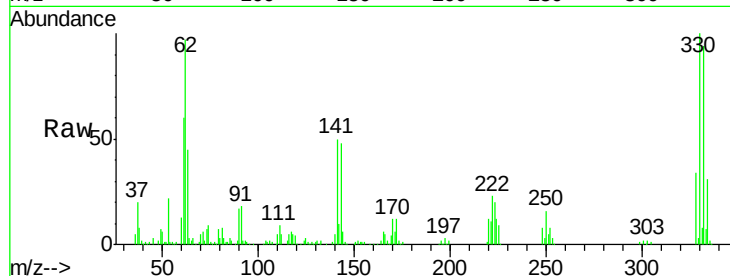




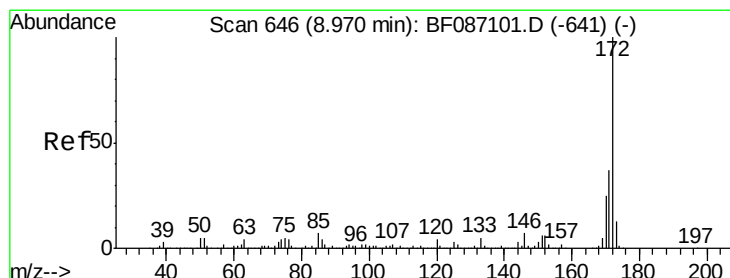
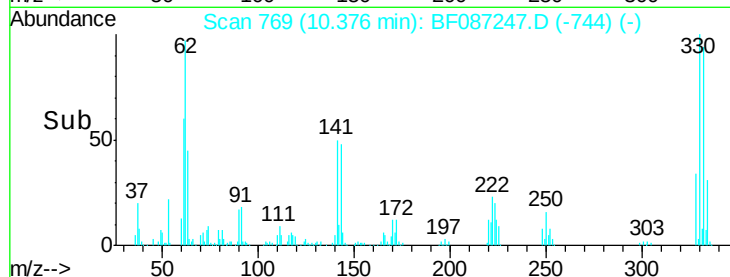
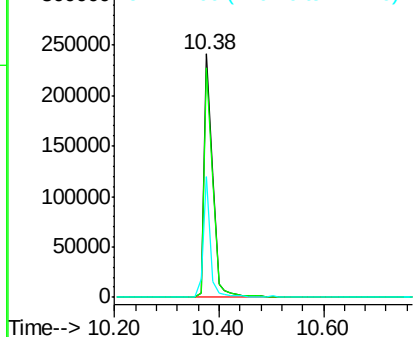
#41
 2,4,6-Tribromophenol
 Concen: 96.08 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087247.D
 Acq: 21 May 2016 2:18

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

Tgt Ion:330 Resp: 279660
 Ion Ratio Lower Upper
 330 100
 332 95.0 79.0 118.4
 141 40.9 31.2 46.8

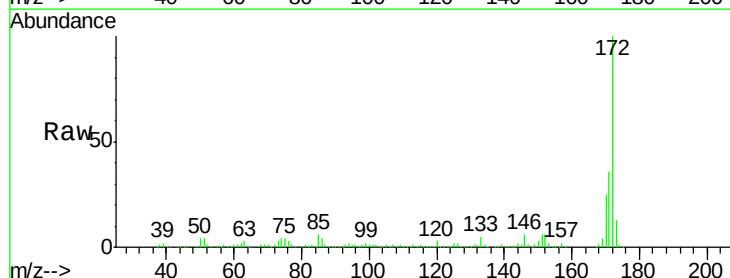


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

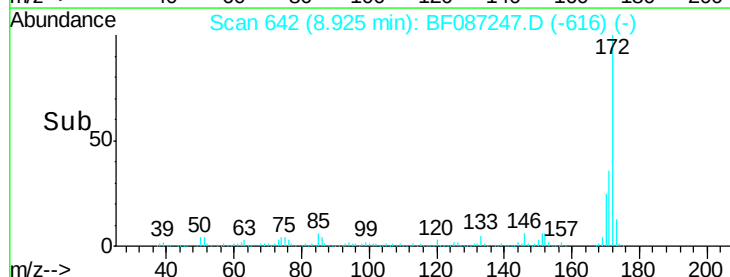
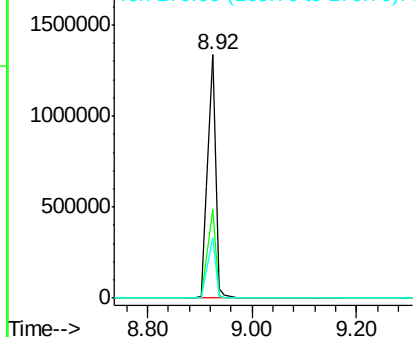


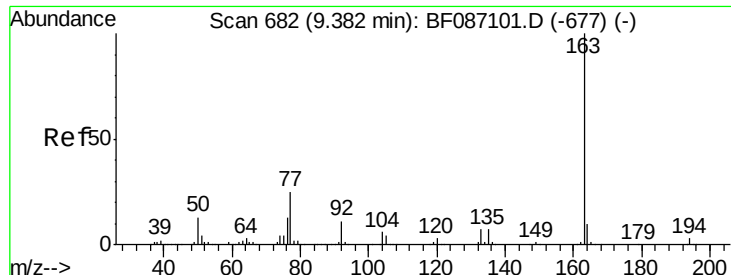
#44
 2-Fluorobiphenyl
 Concen: 89.29 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087247.D
 Acq: 21 May 2016 2:18

Tgt Ion:172 Resp: 1420079
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.9 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

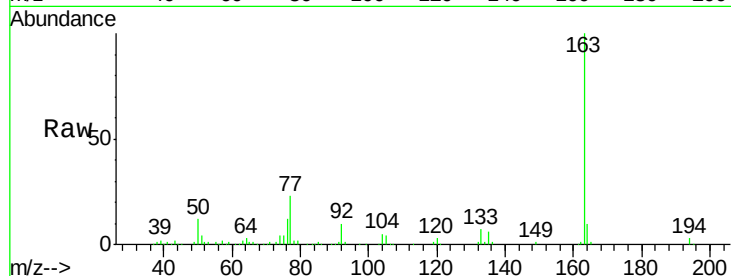




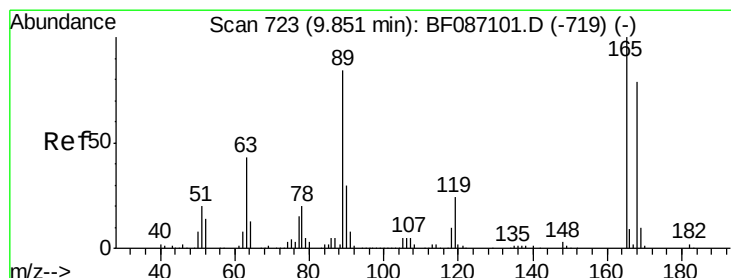
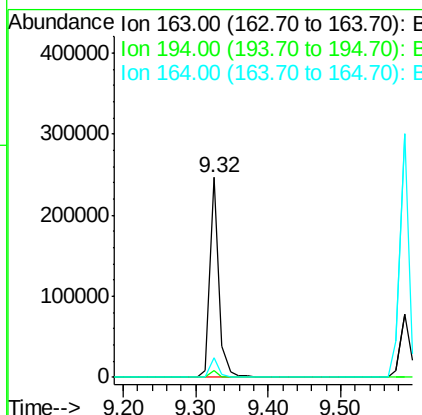
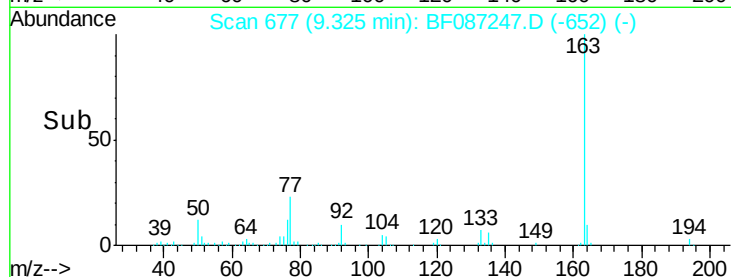
#49
Dimethylphthalate
Concen: 10.55 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF087247.D
Acq: 21 May 2016 2:18

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

Tgt Ion:163 Resp: 212038
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.8 8.2 12.4

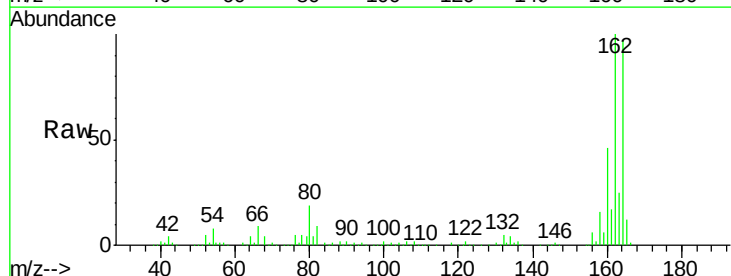


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

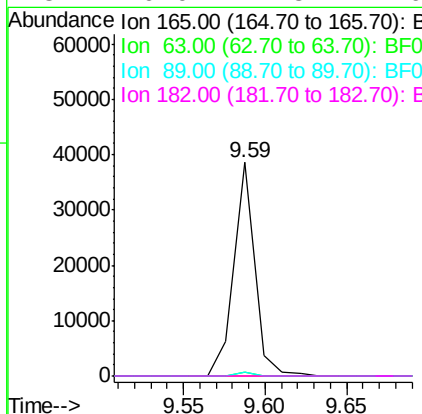
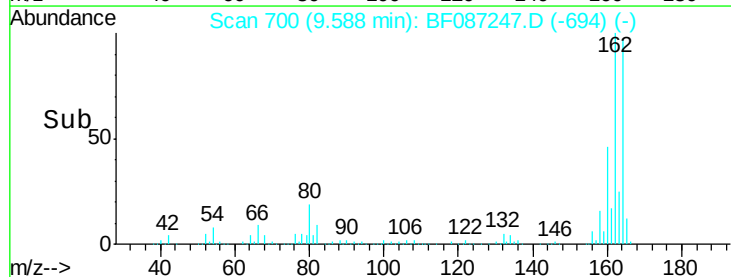


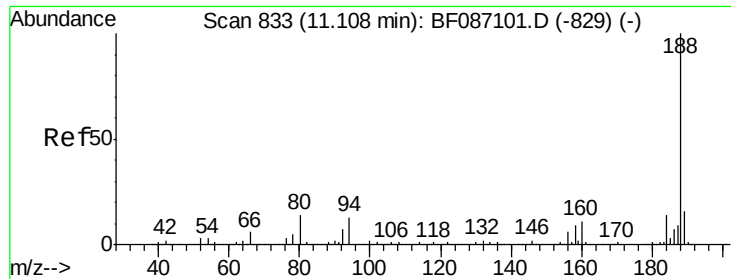
#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.23 min
Lab File: BF087247.D
Acq: 21 May 2016 2:18

Tgt Ion:165 Resp: 34015
Ion Ratio Lower Upper
165 100
63 1.7 44.3 66.5#
89 1.6 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

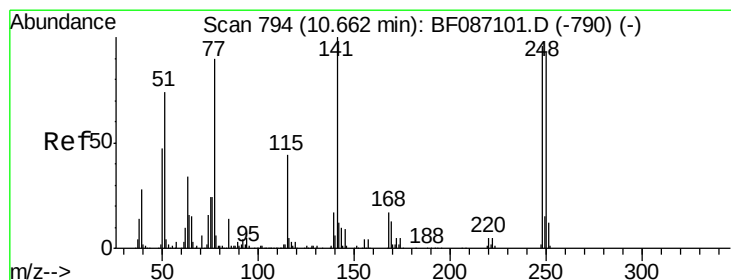
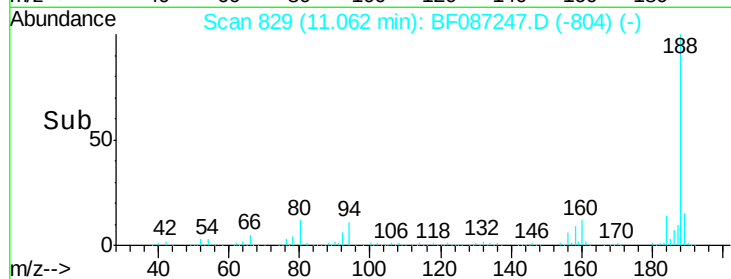
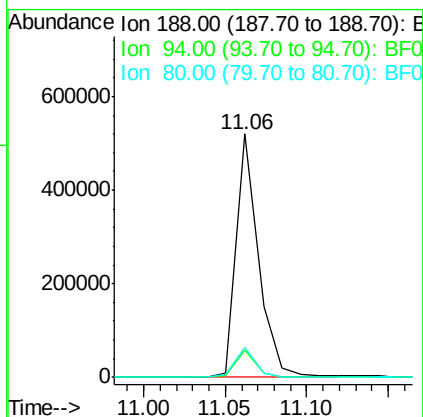
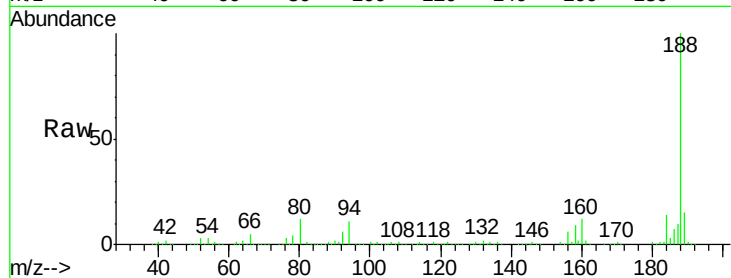




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087247.D
Acq: 21 May 2016 2:18

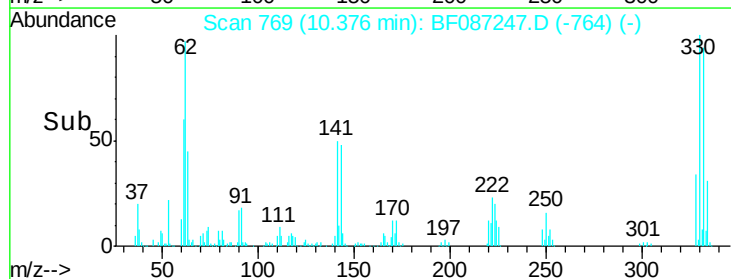
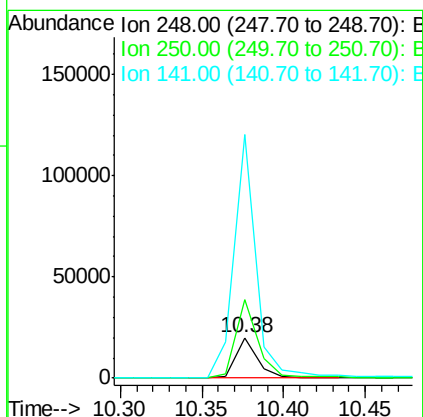
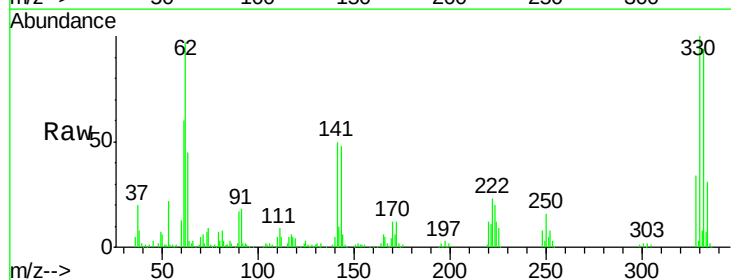
Instrument :
BNA_F
ClientSampleId :
8-AB-AC(0-2)

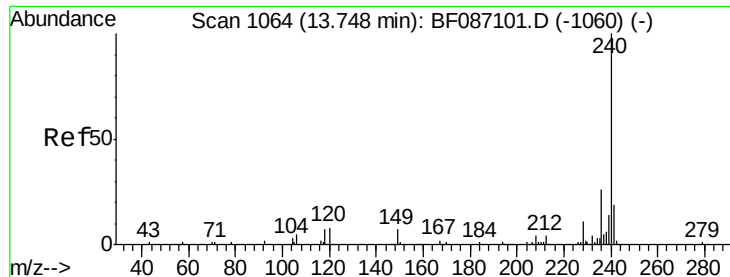
Tgt Ion:188 Resp: 489215
Ion Ratio Lower Upper
188 100
94 11.0 6.8 10.2#
80 12.1 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.24 min
Lab File: BF087247.D
Acq: 21 May 2016 2:18

Tgt Ion:248 Resp: 18582
Ion Ratio Lower Upper
248 100
250 193.5 78.6 117.8#
141 601.4 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087247.D

Acq: 21 May 2016 2:18

Instrument :

BNA_F

ClientSampleId :

8-AB-AC(0-2)

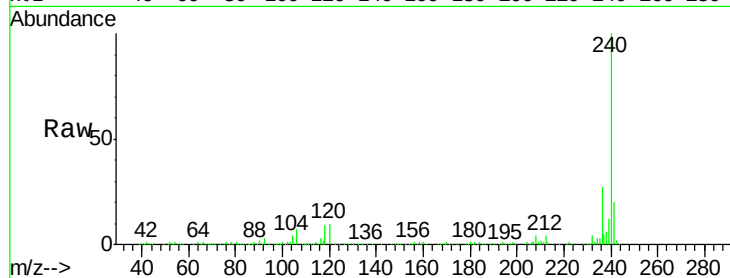
Tgt Ion:240 Resp: 386519

Ion Ratio Lower Upper

240 100

120 10.3 11.2 16.8#

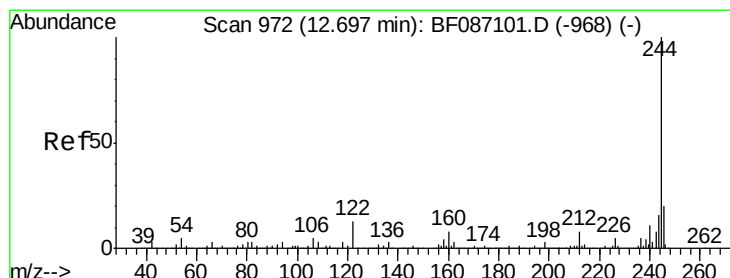
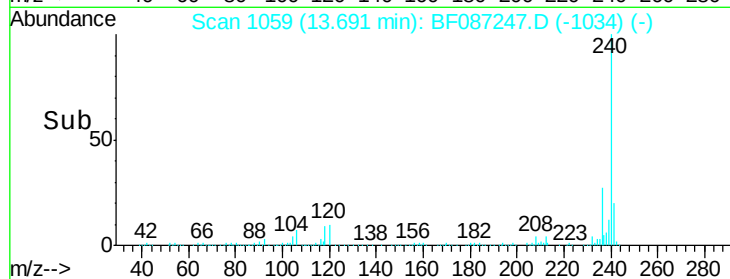
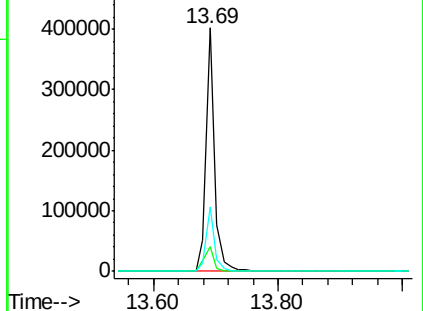
236 26.5 21.2 31.8



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



#78

Terphenyl-d14

Concen: 72.72 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087247.D

Acq: 21 May 2016 2:18

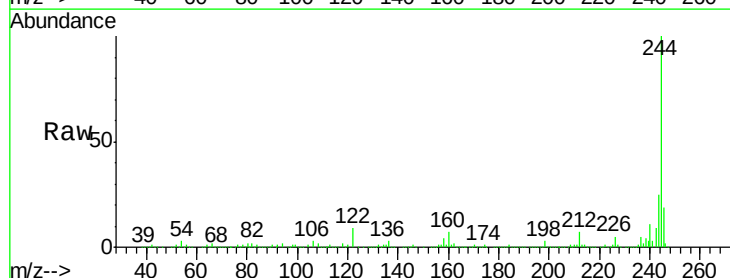
Tgt Ion:244 Resp: 1242465

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

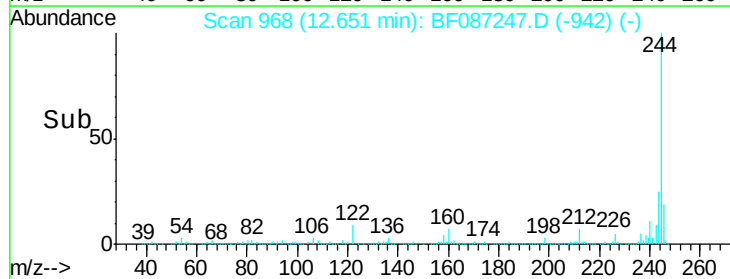
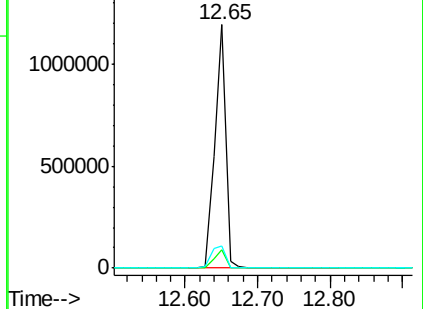
122 9.0 12.0 18.0#

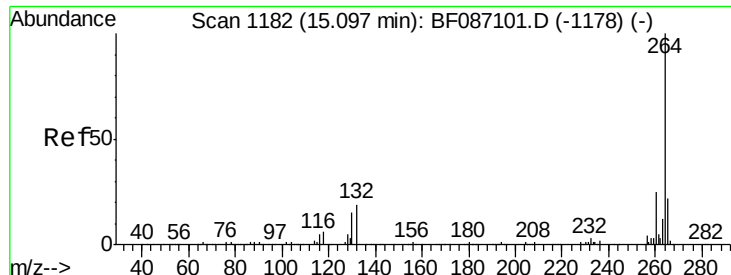


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

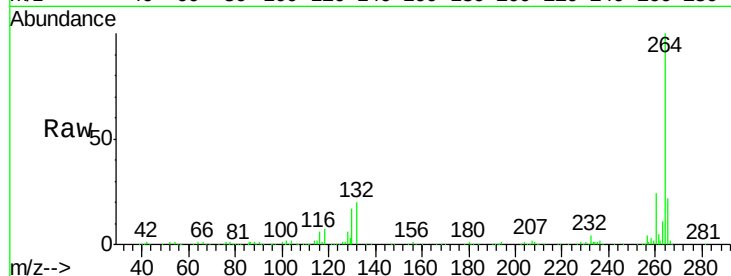




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087247.D
Acq: 21 May 2016 2:18

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

