

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087159.D
 Acq On : 18 May 2016 22:42
 Operator : UM/SJ
 Sample : H3143-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5-I-76(0-2)

Quant Time: May 19 03:53:15 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

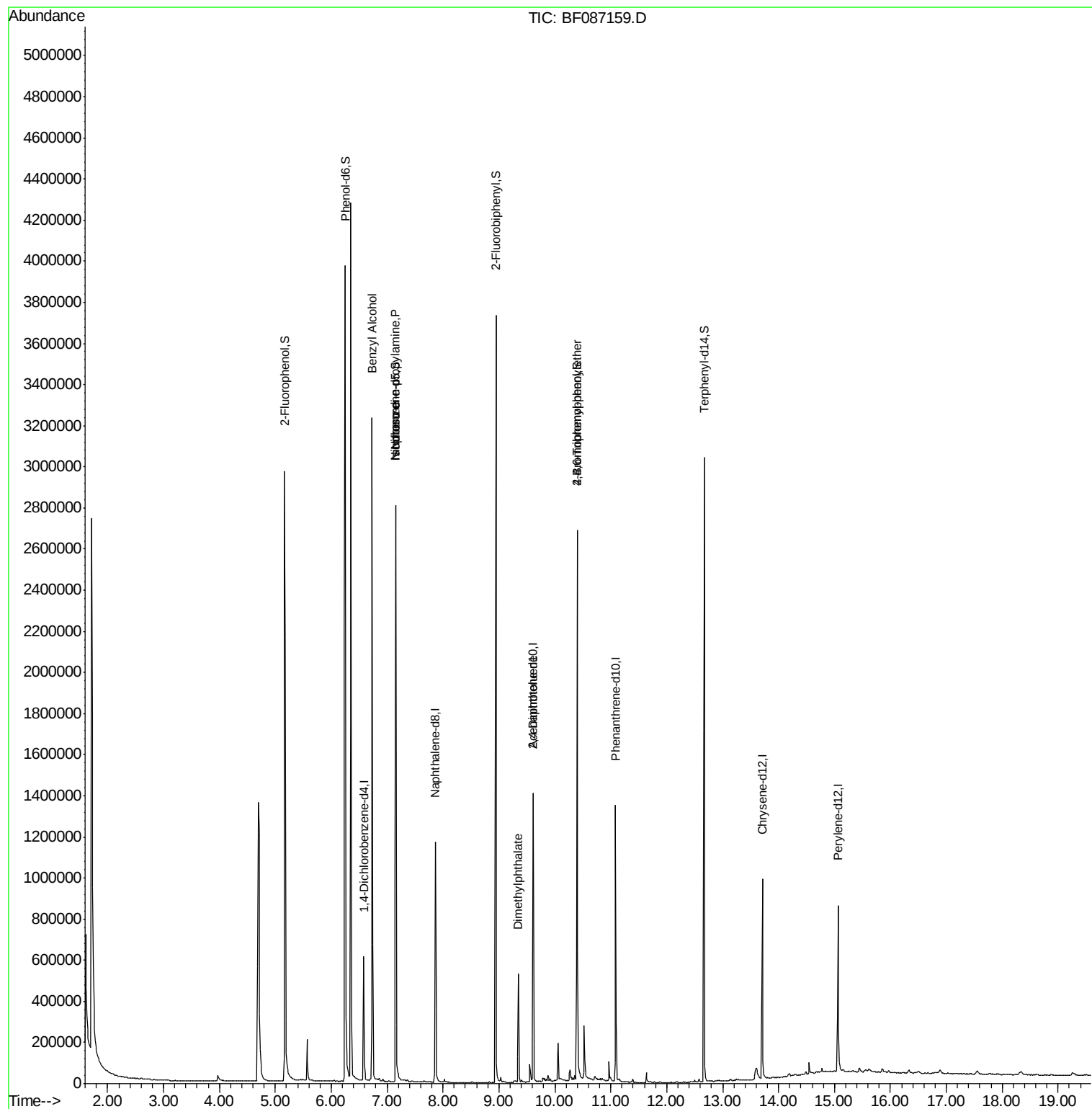
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	125636	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	520644	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	252185	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	466125	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	379976	20.00	ng	-0.05
86) Perylene-d12	15.06	264	326443	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1029826	137.78	ng	-0.03
7) Phenol-d6	6.25	99	1437953	143.44	ng	-0.03
23) Nitrobenzene-d5	7.15	82	915488	87.63	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	310043	111.26	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1291883	84.84	ng	-0.03
78) Terphenyl-d14	12.67	244	1074590	63.97	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.73	79	15014	2.01	ng	# 43
19) n-Nitroso-di-n-propylamine	7.15	70	131139	17.21	ng	# 74
25) Isophorone	7.15	82	705733	36.90	ng	# 68
49) Dimethylphthalate	9.35	163	201303	10.46	ng	98
56) 2,4-Dinitrotoluene	9.61	165	32654	6.10	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	18501	3.86	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: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

Instrument :

BNA_F

ClientSampleId :

5-I-76(0-2)

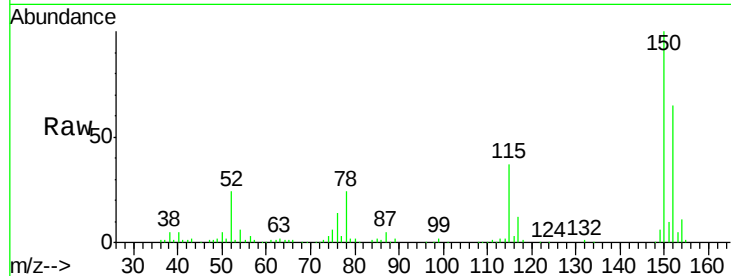
Tgt Ion:152 Resp: 125636

Ion Ratio Lower Upper

152 100

150 154.6 125.8 188.6

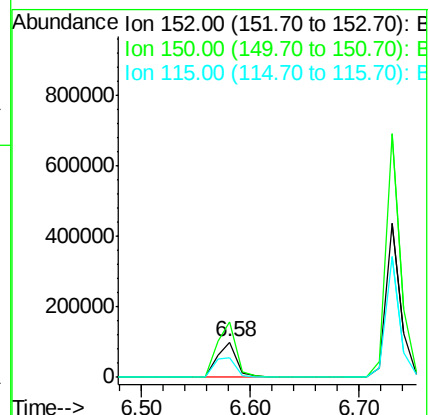
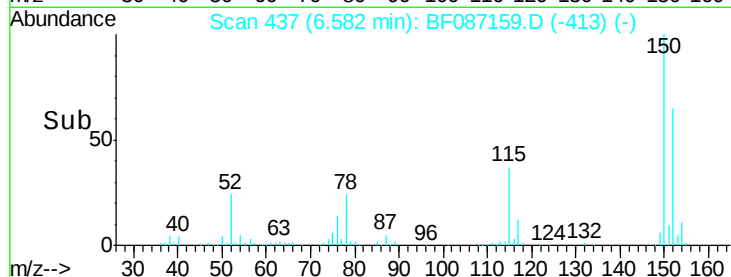
115 56.5 51.5 77.3



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: 137.78 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

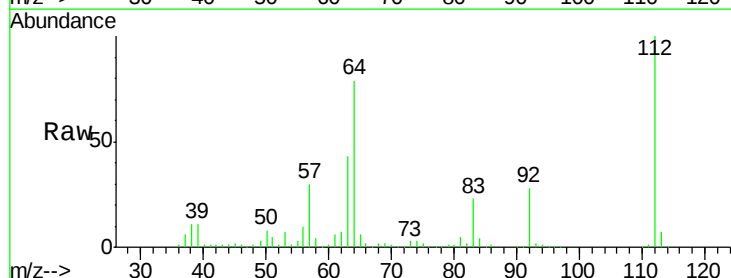
Tgt Ion:112 Resp: 1029826

Ion Ratio Lower Upper

112 100

64 78.9 52.1 78.1#

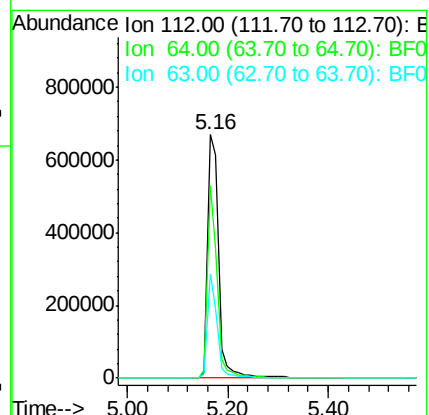
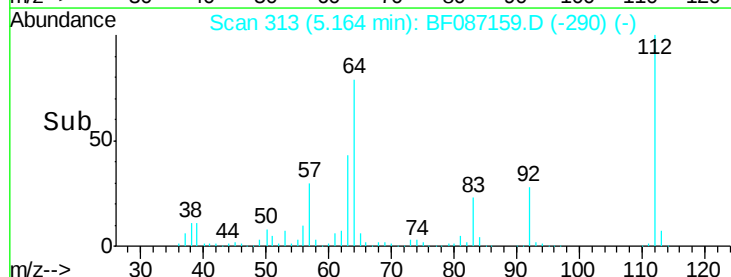
63 43.0 25.7 38.5#



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: 143.44 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

Instrument :

BNA_F

ClientSampleId :

5-I-76(0-2)

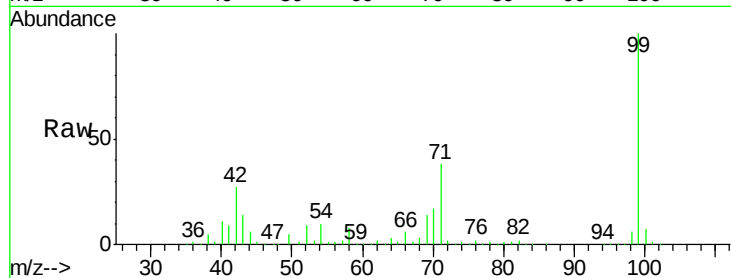
Tgt Ion: 99 Resp: 1437953

Ion Ratio Lower Upper

99 100

42 27.4 13.6 20.4#

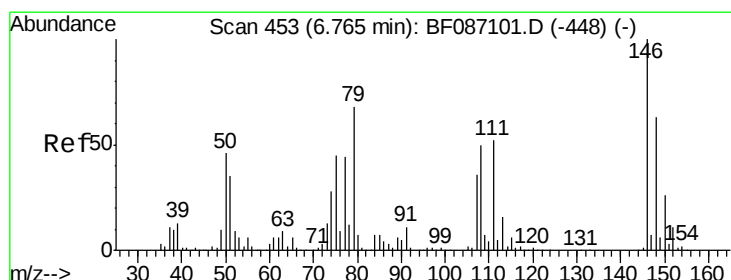
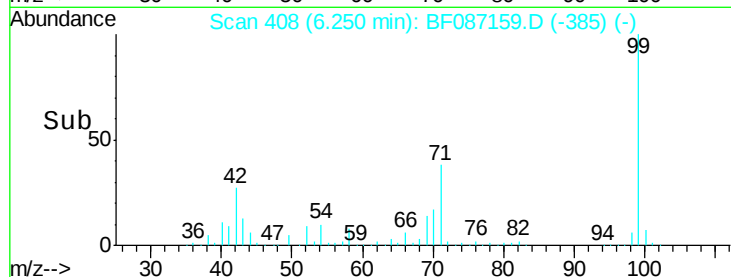
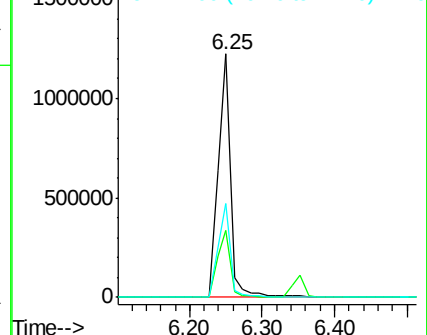
71 38.4 24.6 36.8#



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: 2.01 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

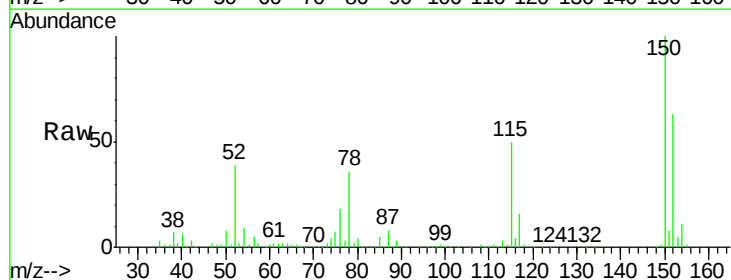
Tgt Ion: 79 Resp: 15014

Ion Ratio Lower Upper

79 100

108 28.2 68.4 102.6#

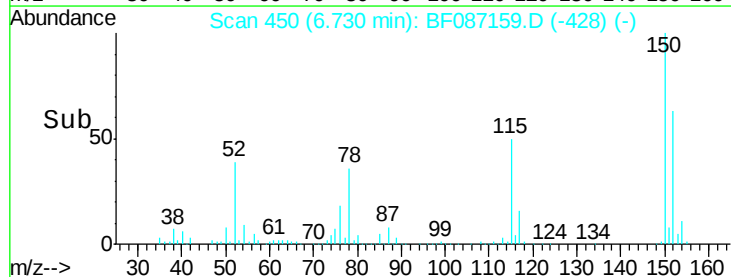
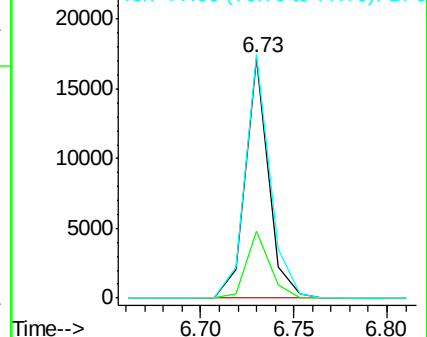
77 101.4 50.6 76.0#

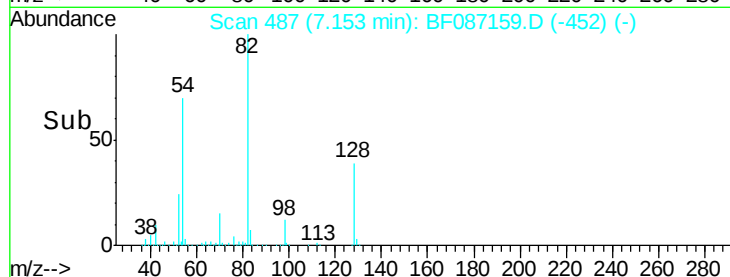
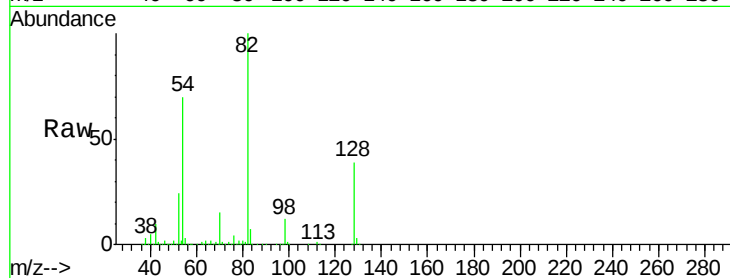
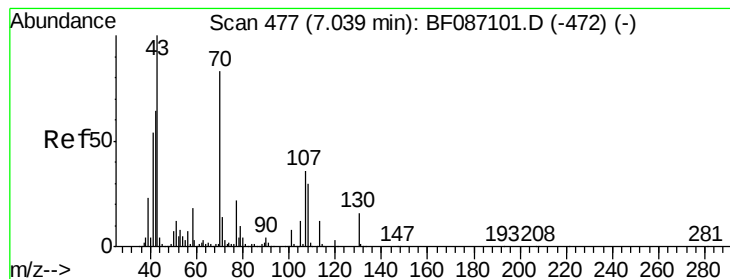


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 17.21 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.10 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

Instrument :

BNA_F

ClientSampleId :

5-I-76(0-2)

Tgt Ion: 70 Resp: 131139

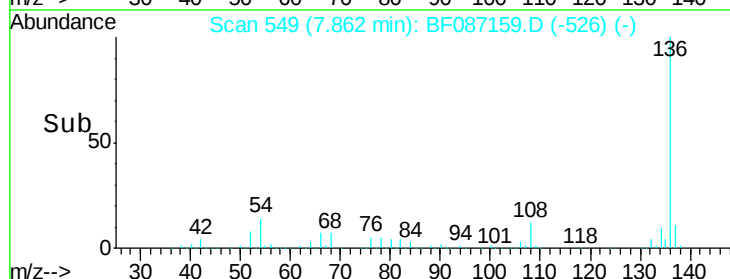
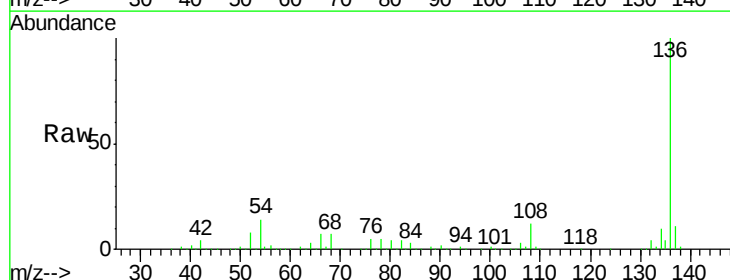
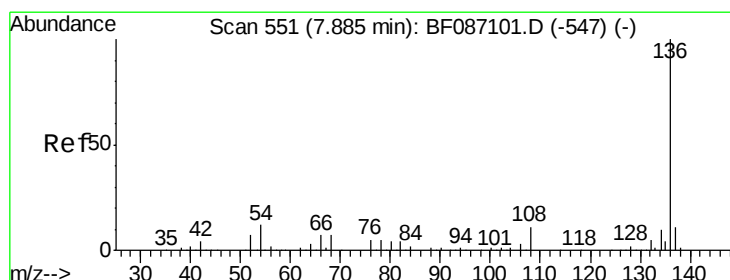
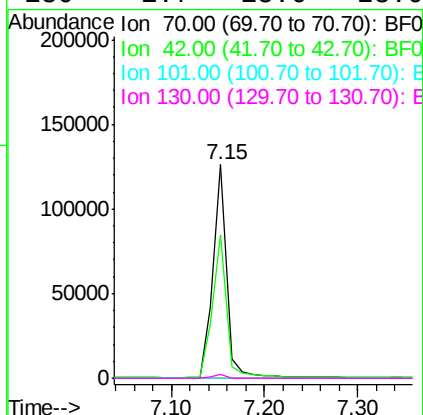
Ion Ratio Lower Upper

70 100

42 66.9 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

Tgt Ion: 136 Resp: 520644

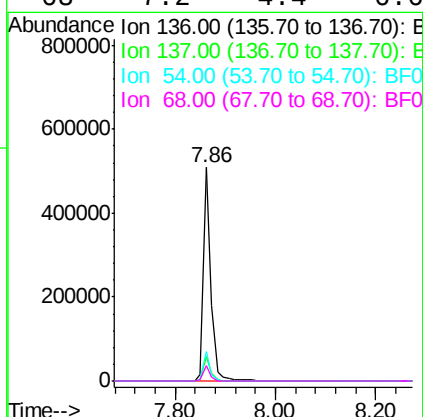
Ion Ratio Lower Upper

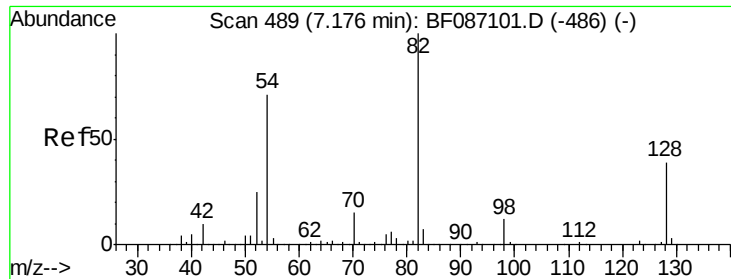
136 100

137 11.3 8.8 13.2

54 13.8 5.0 7.4#

68 7.2 4.4 6.6#

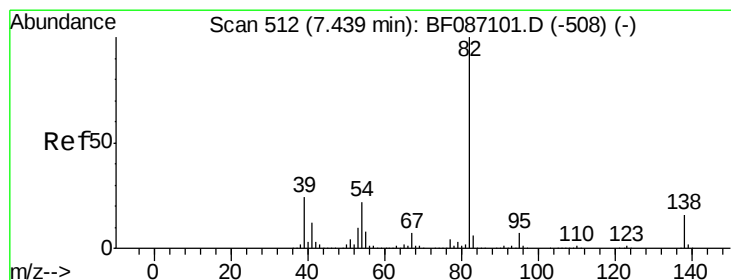
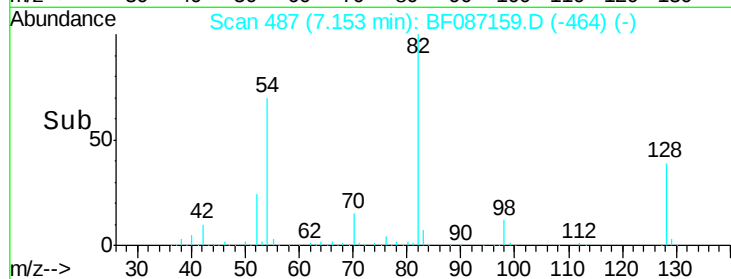
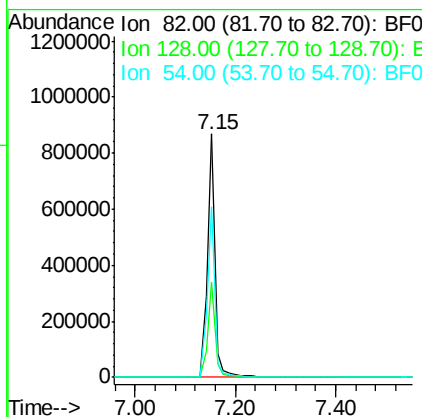
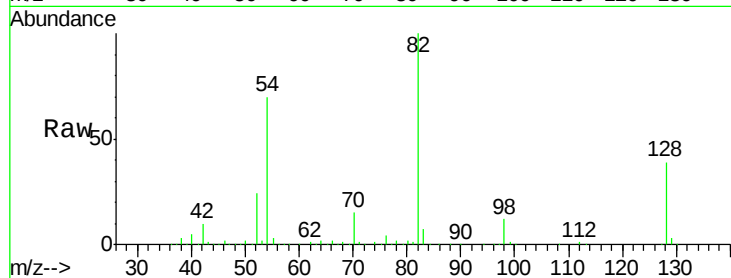




#23
Nitrobenzene-d5
Concen: 87.63 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087159.D
Acq: 18 May 2016 22:42

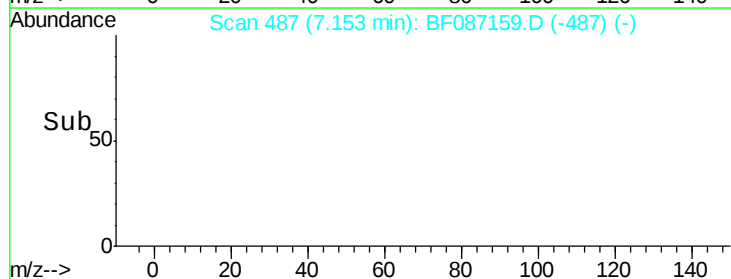
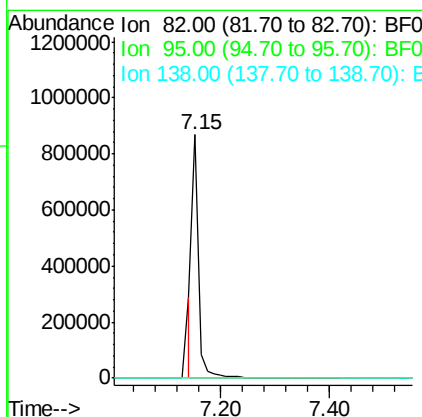
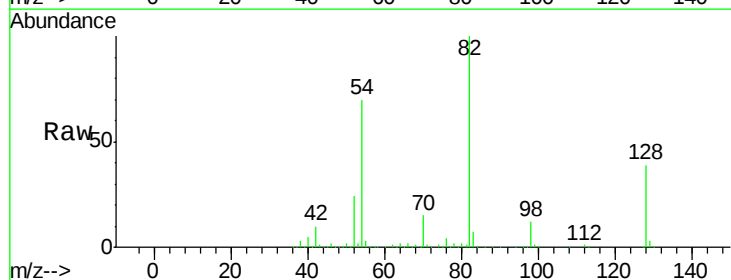
Instrument :
BNA_F
ClientSampleId :
5-I-76(0-2)

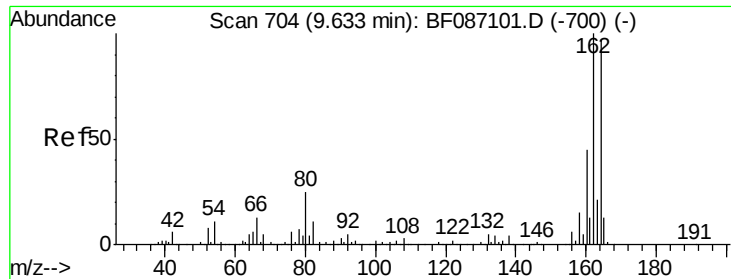
Tgt Ion: 82 Resp: 915488
Ion Ratio Lower Upper
82 100
128 39.1 40.6 61.0#
54 69.9 38.1 57.1#



#25
Isophorone
Concen: 36.90 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.30 min
Lab File: BF087159.D
Acq: 18 May 2016 22:42

Tgt Ion: 82 Resp: 705733
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: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

Instrument :

BNA_F

ClientSampleId :

5-I-76(0-2)

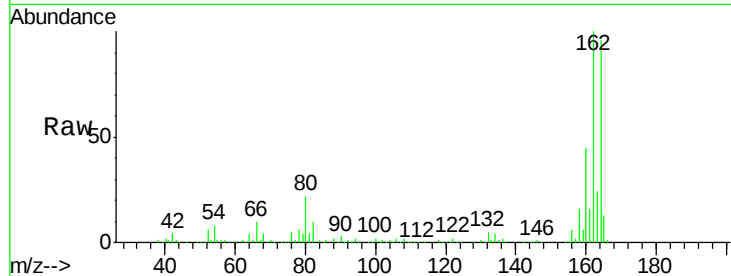
Tgt Ion:164 Resp: 252185

Ion Ratio Lower Upper

164 100

162 103.7 82.8 124.2

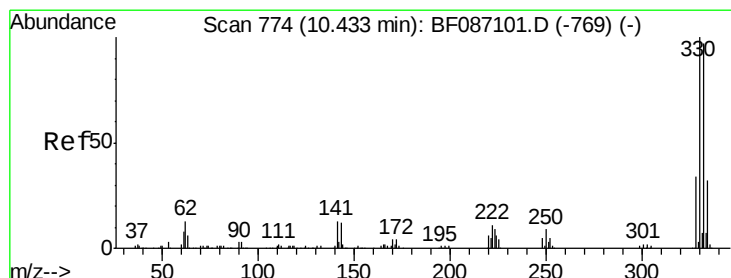
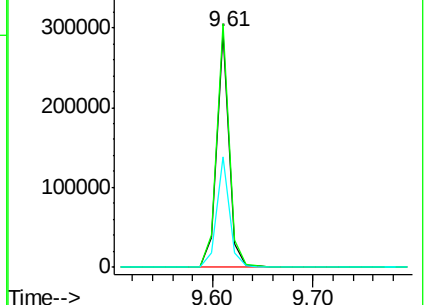
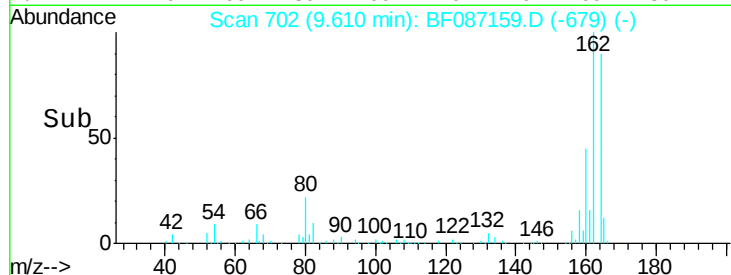
160 46.9 36.9 55.3



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: 111.26 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.05 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

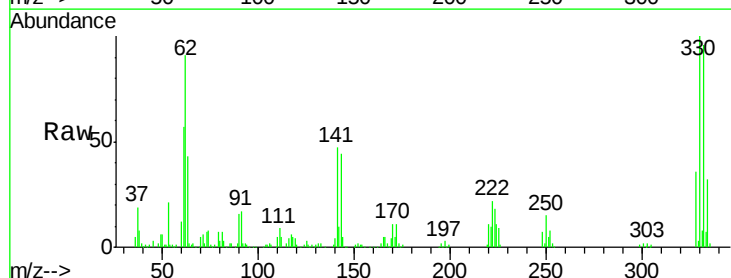
Tgt Ion:330 Resp: 310043

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

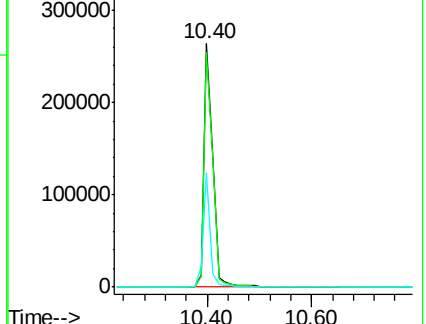
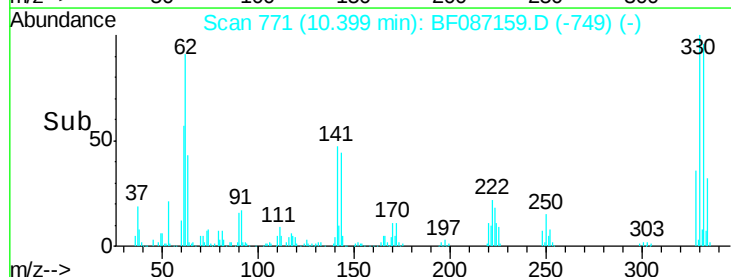
141 37.6 31.2 46.8

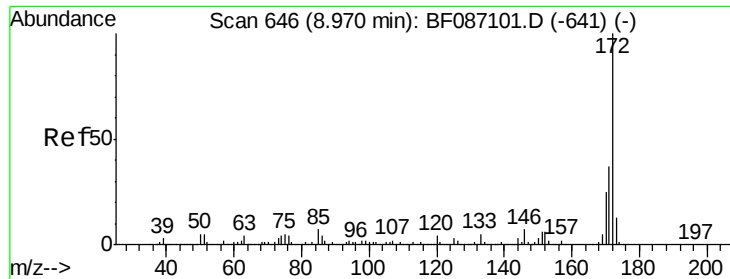


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 84.84 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

Instrument :

BNA_F

ClientSampleId :

5-I-76(0-2)

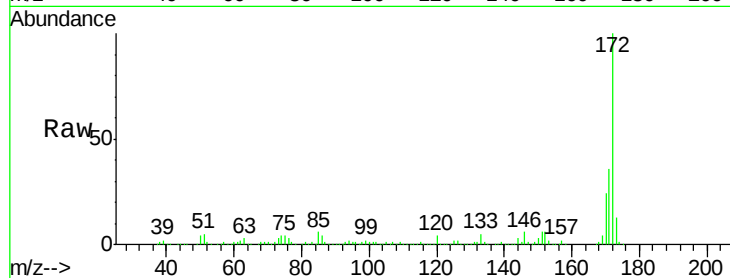
Tgt Ion:172 Resp: 1291883

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

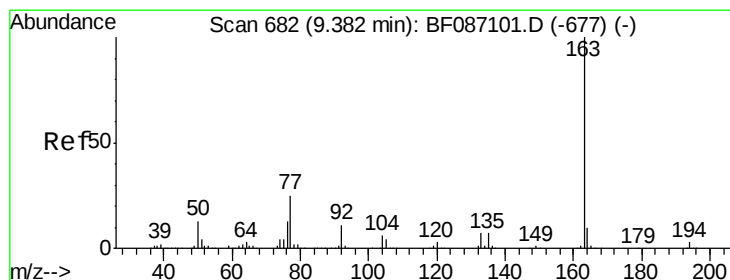
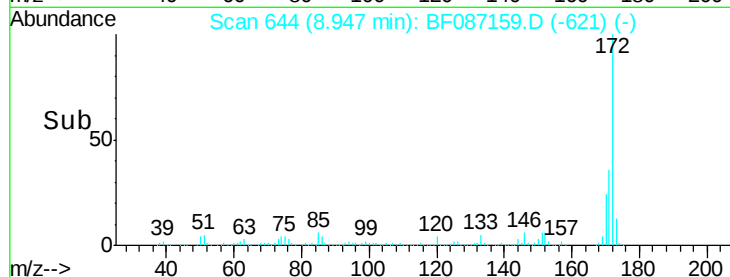
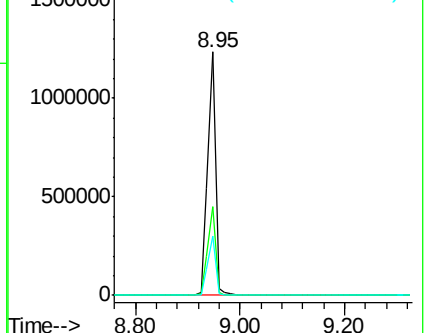
170 24.5 19.8 29.8



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: 10.46 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

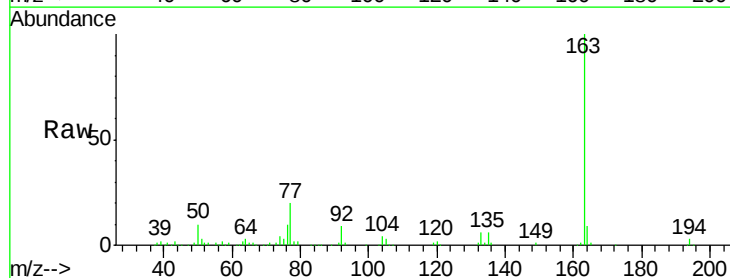
Tgt Ion:163 Resp: 201303

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

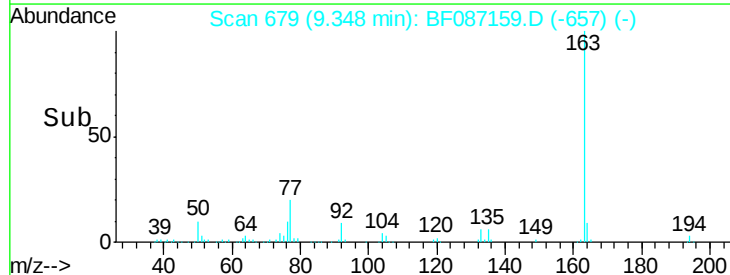
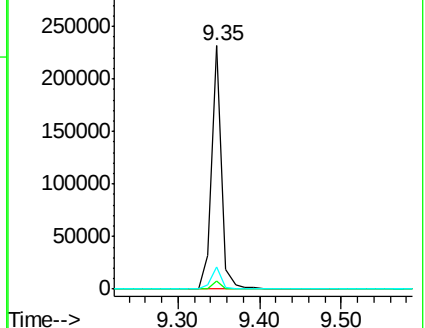
164 9.3 8.2 12.4

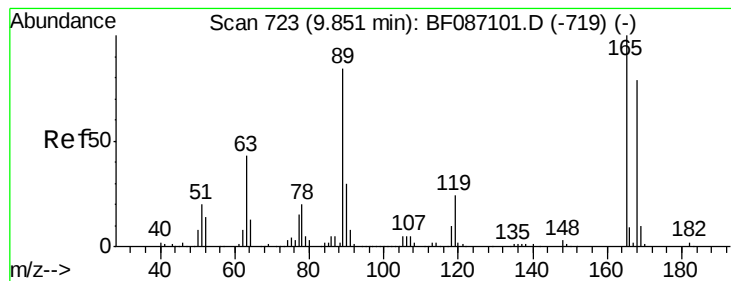


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

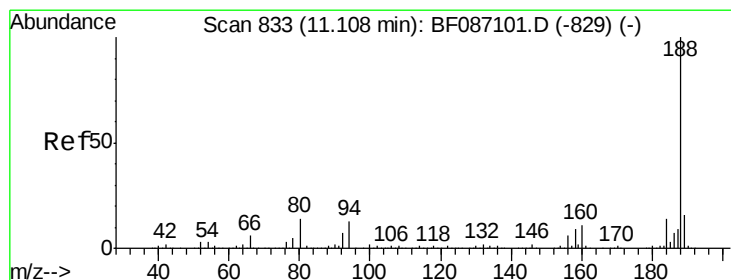
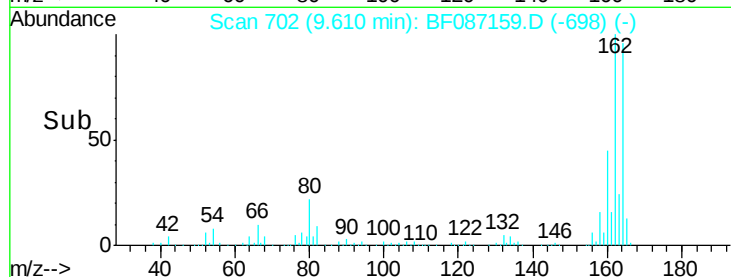
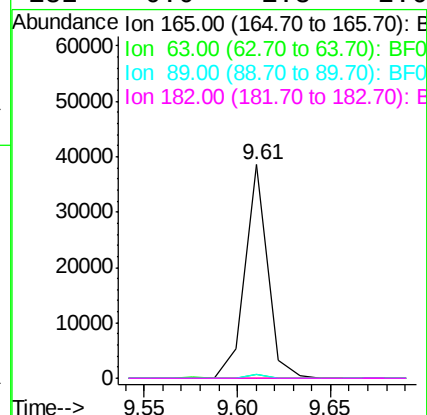
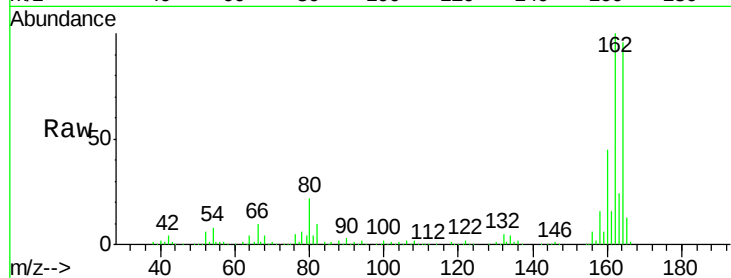




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.25 min
 Lab File: BF087159.D
 Acq: 18 May 2016 22:42

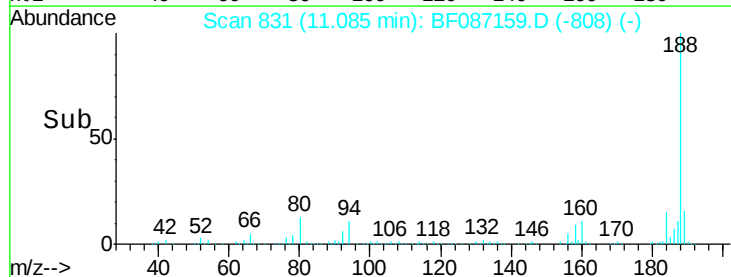
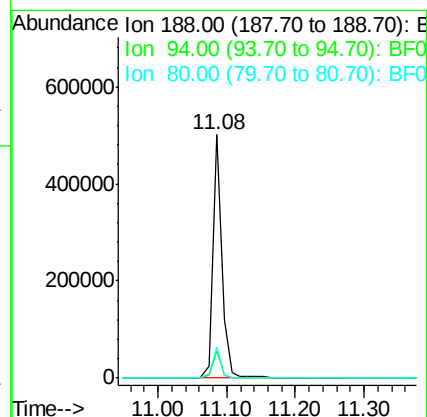
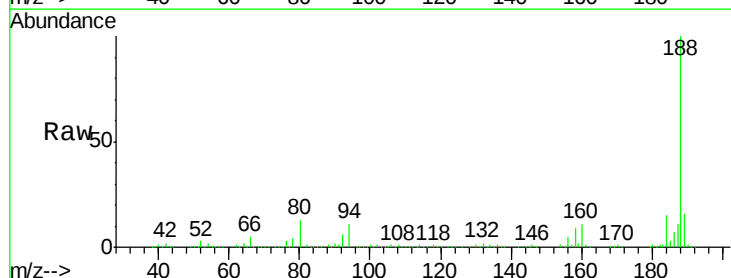
Instrument :
 BNA_F
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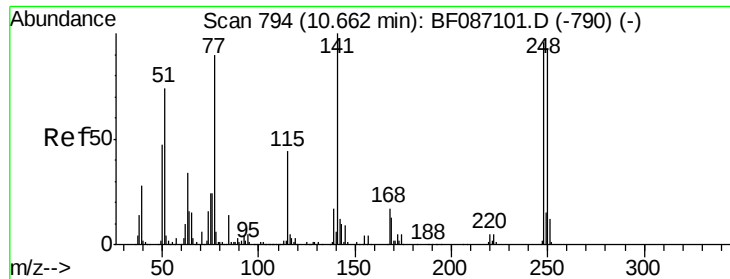
Tgt Ion:165 Resp: 32654
 Ion Ratio Lower Upper
 165 100
 63 2.0 44.3 66.5#
 89 1.8 70.0 105.0#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF087159.D
 Acq: 18 May 2016 22:42

Tgt Ion:188 Resp: 466125
 Ion Ratio Lower Upper
 188 100
 94 11.4 6.8 10.2#
 80 12.5 7.1 10.7#





#66

4-Bromophenyl-phenylether

Concen: 3.86 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.27 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

Instrument :

BNA_F

ClientSampleId :

5-I-76(0-2)

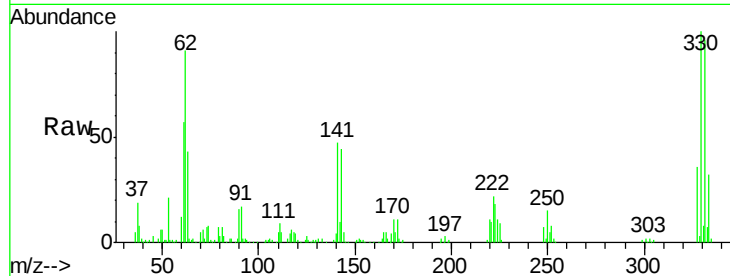
Tgt Ion:248 Resp: 18501

Ion Ratio Lower Upper

248 100

250 200.9 78.6 117.8#

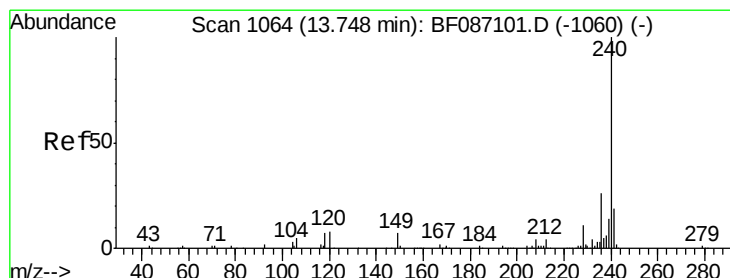
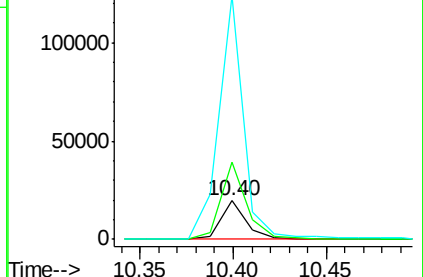
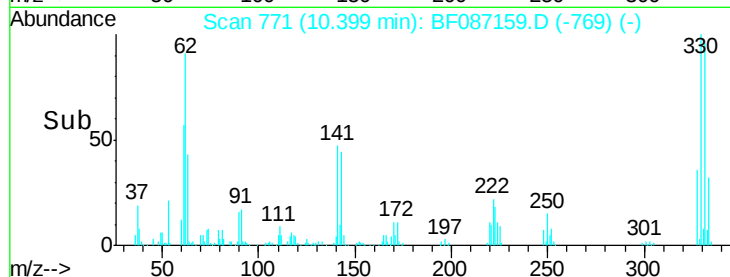
141 632.9 76.0 114.0#



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: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

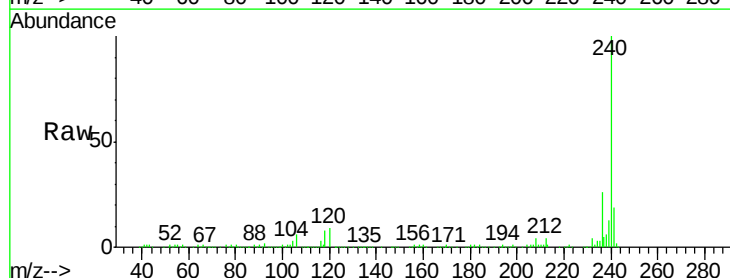
Tgt Ion:240 Resp: 379976

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

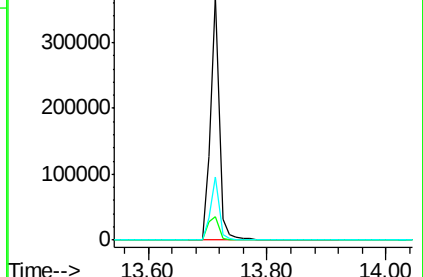
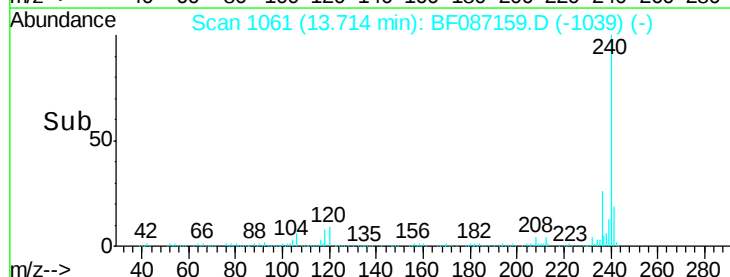
236 26.0 21.2 31.8

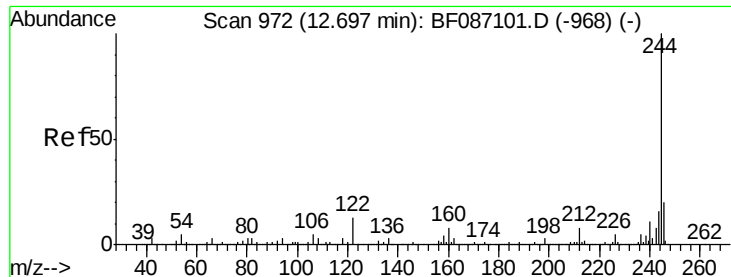


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.97 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

Instrument :

BNA_F

ClientSampleId :

5-I-76(0-2)

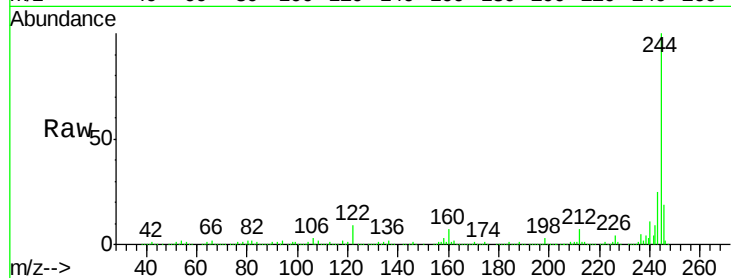
Tgt Ion:244 Resp: 1074590

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

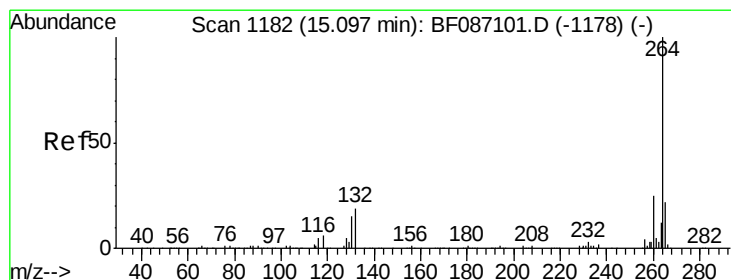
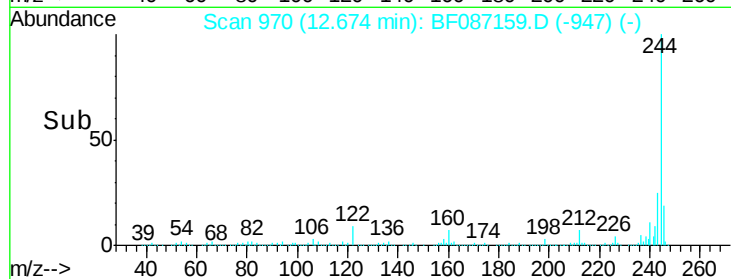
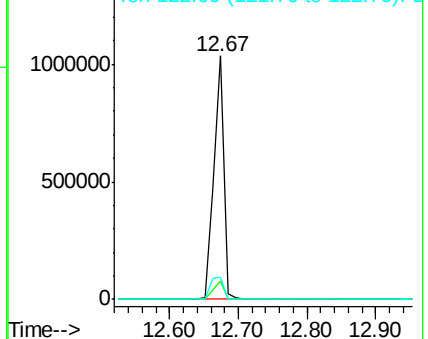
122 9.2 12.0 18.0#



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: 15.06 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF087159.D

Acq: 18 May 2016 22:42

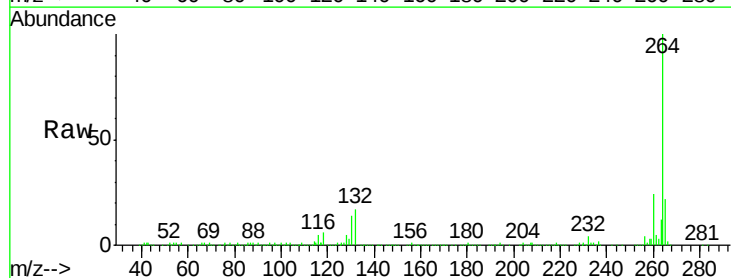
Tgt Ion:264 Resp: 326443

Ion Ratio Lower Upper

264 100

260 24.4 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

