

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087155.D
 Acq On : 18 May 2016 20:45
 Operator : UM/SJ
 Sample : H3143-27
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 19 03:52:26 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

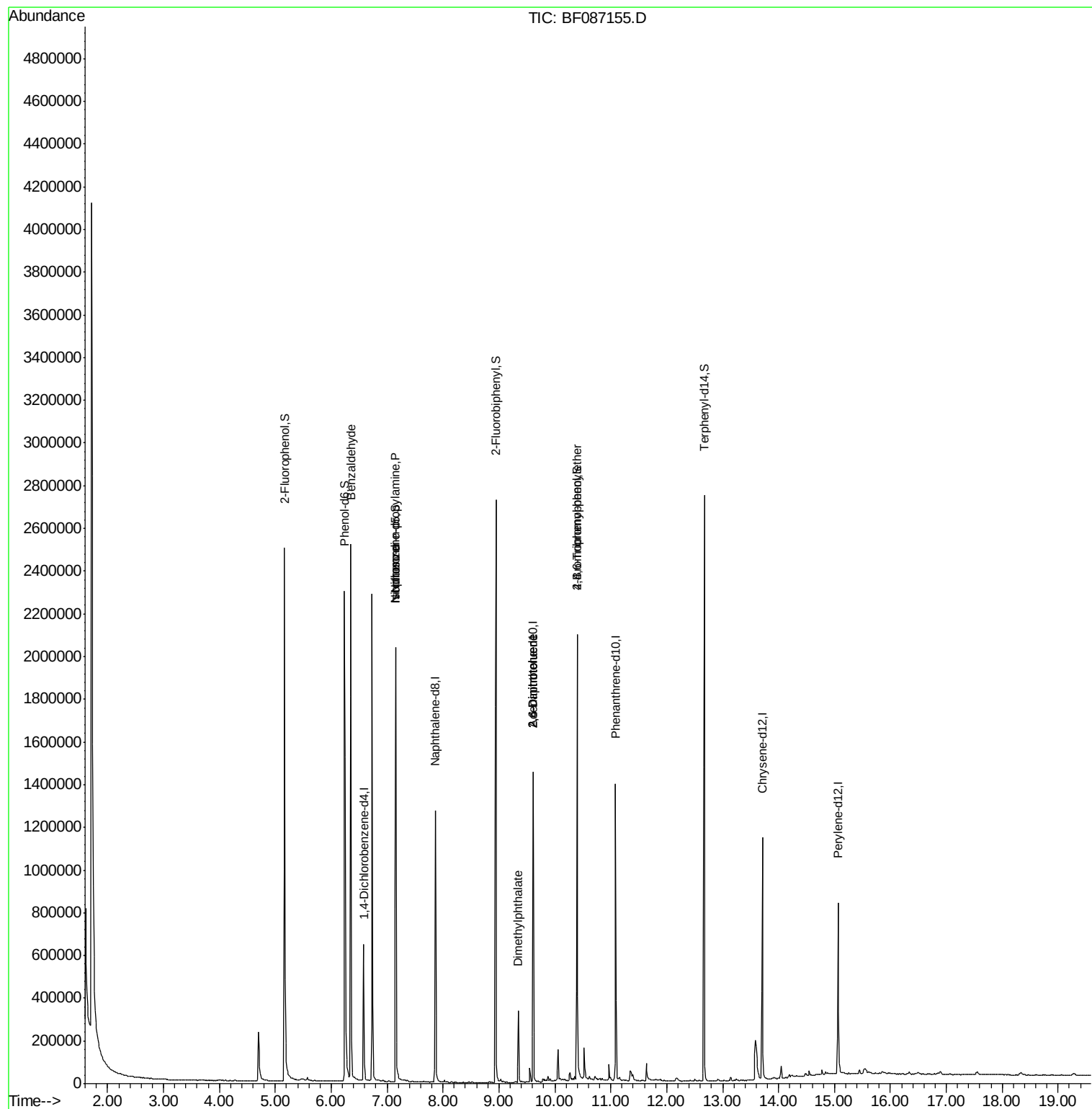
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	129082	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	547841	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	265056	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	504319	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	413073	20.00	ng	-0.05
86) Perylene-d12	15.06	264	326593	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	755382	98.36	ng	-0.03
7) Phenol-d6	6.24	99	960164	93.22	ng	-0.05
23) Nitrobenzene-d5	7.15	82	704912	64.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	226616	77.37	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1060554	66.27	ng	-0.03
78) Terphenyl-d14	12.67	244	947374	51.88	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	20909	2.75	ng	85
19) n-Nitroso-di-n-propylamine	7.15	70	98423	12.57	ng	# 78
25) Isophorone	7.15	82	525839	26.13	ng	# 68
49) Dimethylphthalate	9.35	163	128668	6.36	ng	99
50) 2,6-Dinitrotoluene	9.61	165	34366	7.83	ng	# 21
56) 2,4-Dinitrotoluene	9.61	165	34366	6.11	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	14190	2.74	ng	# 1

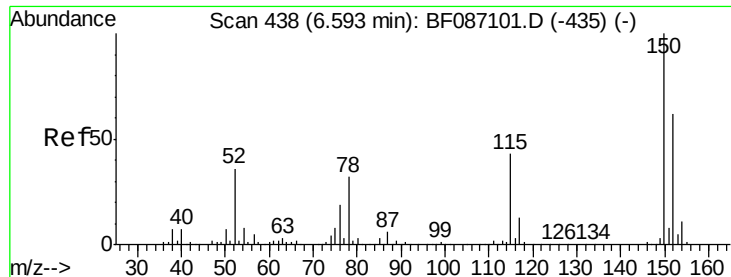
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087155.D

Acq: 18 May 2016 20:45

Instrument :

BNA_F

ClientSampleId :

2-AB-AC(0-2)

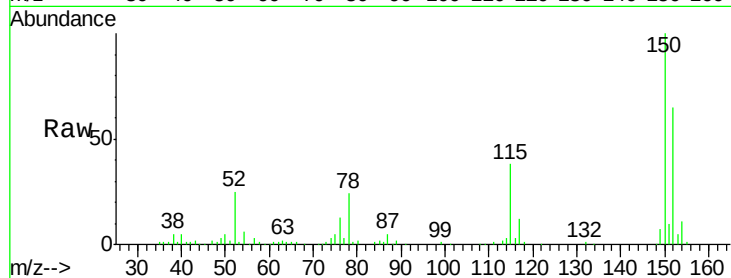
Tgt Ion:152 Resp: 129082

Ion Ratio Lower Upper

152 100

150 154.8 125.8 188.6

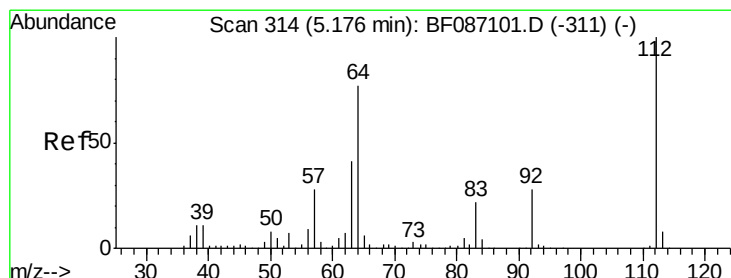
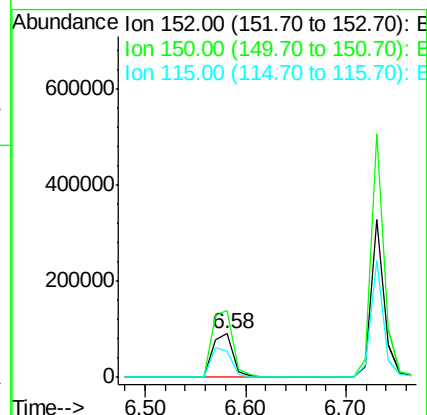
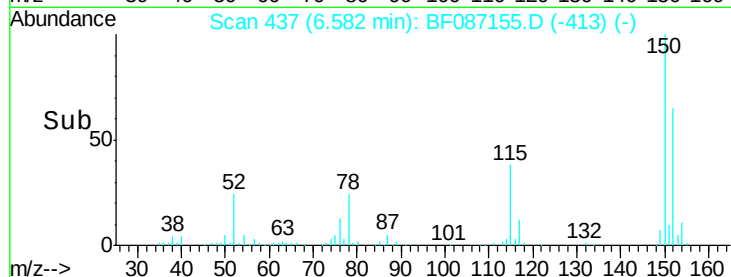
115 58.6 51.5 77.3



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: 98.36 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087155.D

Acq: 18 May 2016 20:45

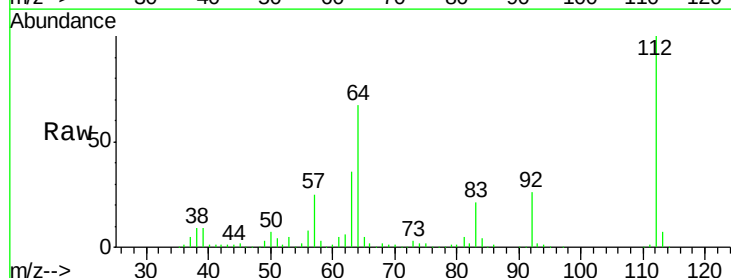
Tgt Ion:112 Resp: 755382

Ion Ratio Lower Upper

112 100

64 67.2 52.1 78.1

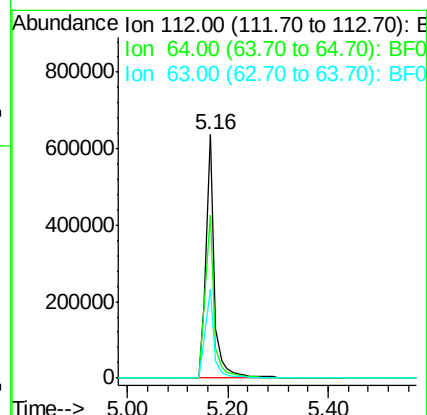
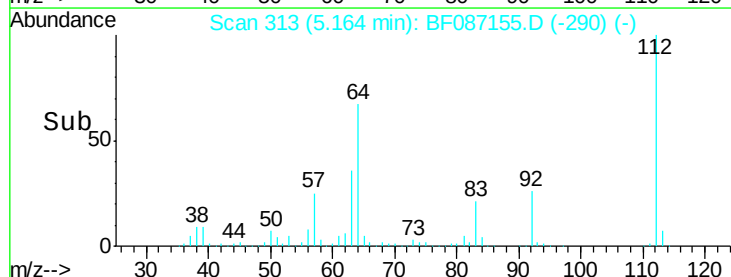
63 36.5 25.7 38.5

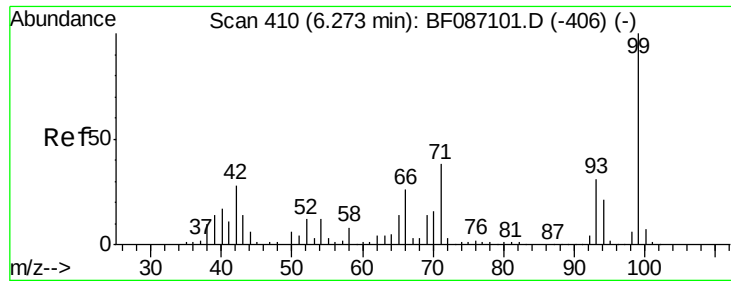


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.22 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087155.D

Acq: 18 May 2016 20:45

Instrument :

BNA_F

ClientSampleId :

2-AB-AC(0-2)

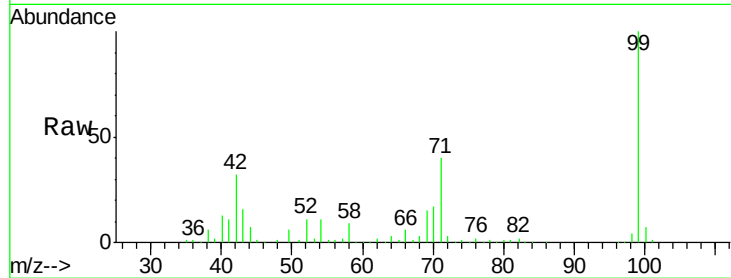
Tgt Ion: 99 Resp: 960164

Ion Ratio Lower Upper

99 100

42 31.9 13.6 20.4#

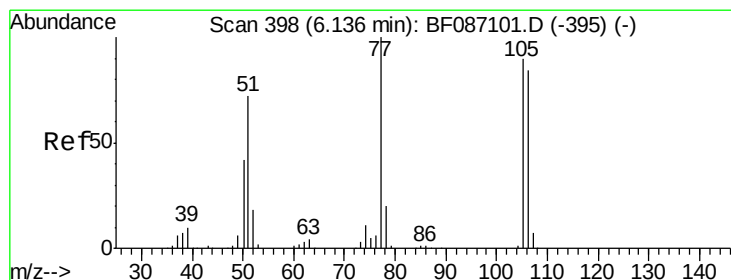
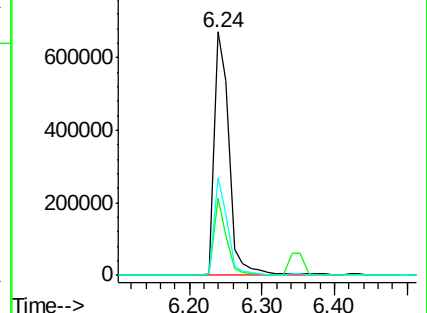
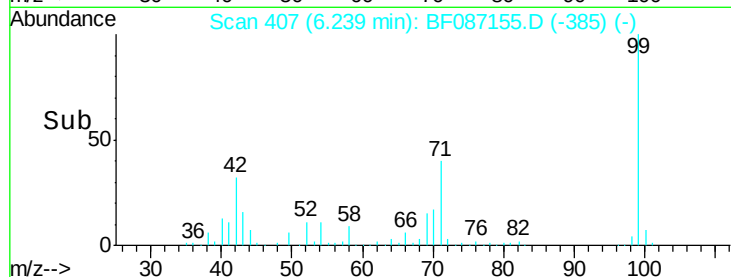
71 39.9 24.6 36.8#



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



#9

Benzaldehyde

Concen: 2.75 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF087155.D

Acq: 18 May 2016 20:45

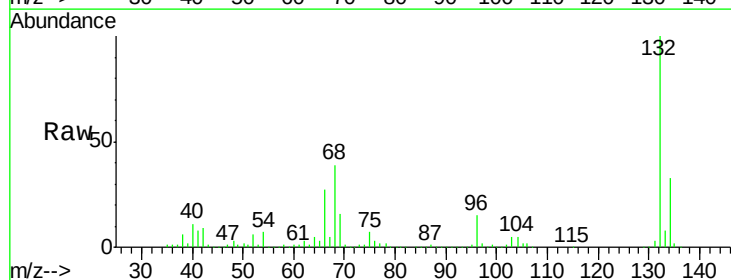
Tgt Ion: 77 Resp: 20909

Ion Ratio Lower Upper

77 100

105 81.9 72.7 112.7

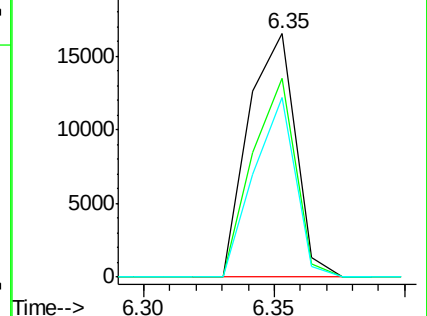
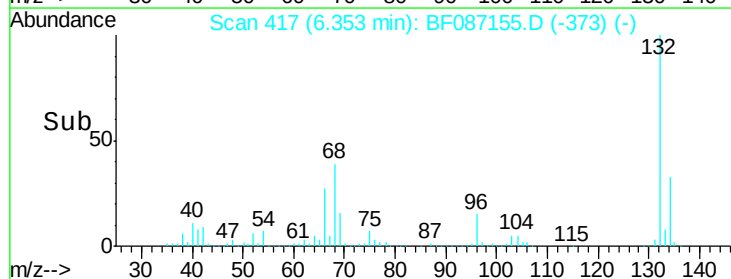
106 73.7 70.8 110.8

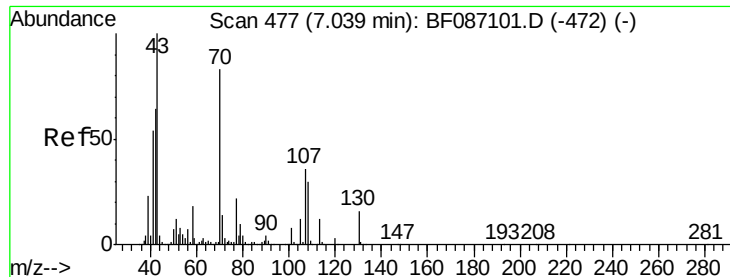


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

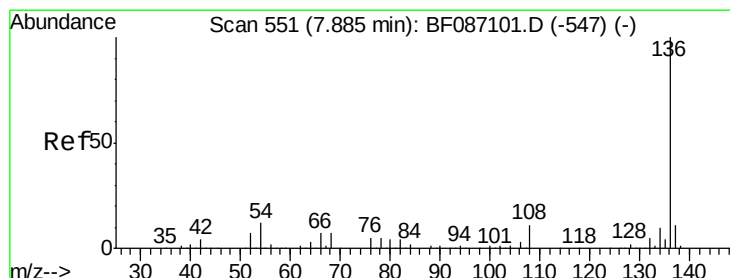
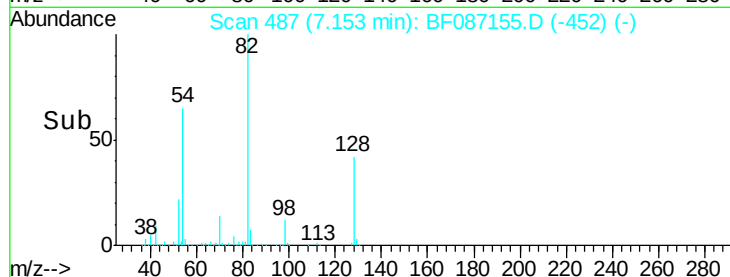
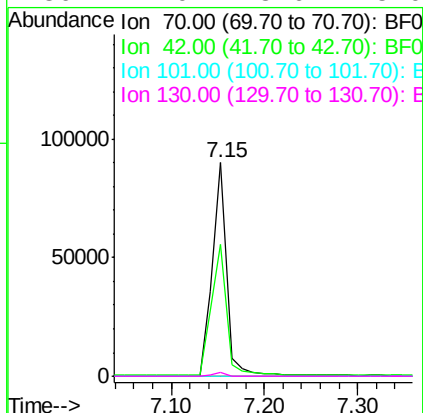
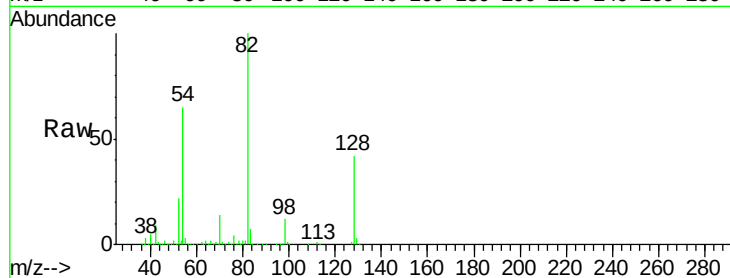




#19
n-Nitroso-di-n-propylamine
Concen: 12.57 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.10 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

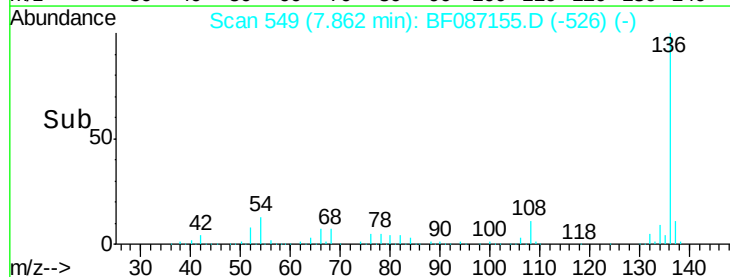
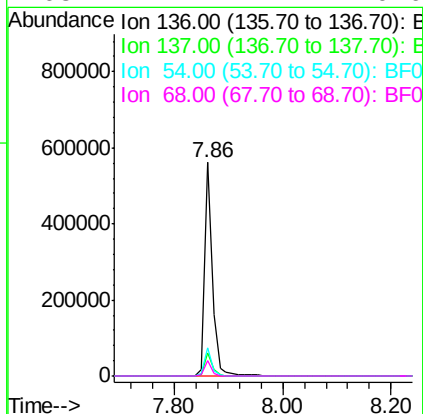
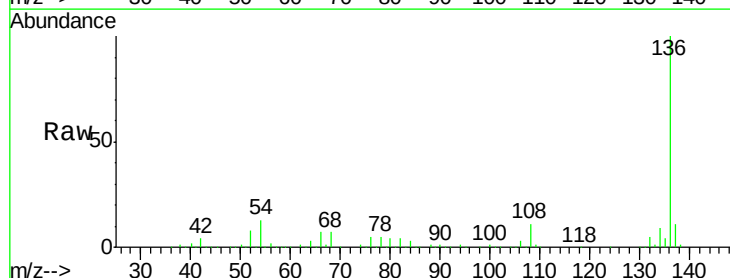
Instrument :
BNA_F
ClientSampleId :
2-AB-AC(0-2)

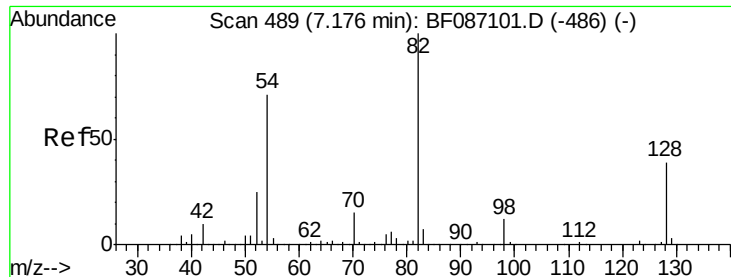
Tgt Ion: 70 Resp: 98423
Ion Ratio Lower Upper
70 100
42 62.0 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Tgt Ion: 136 Resp: 547841
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 13.2 5.0 7.4#
68 7.1 4.4 6.6#

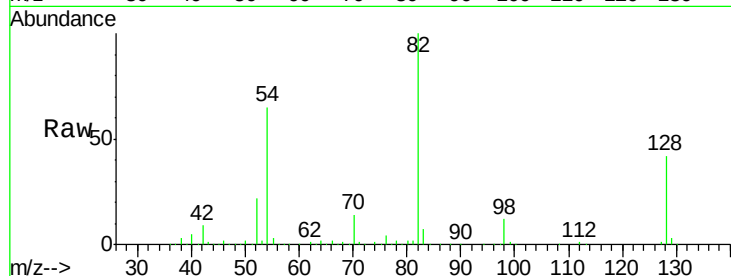




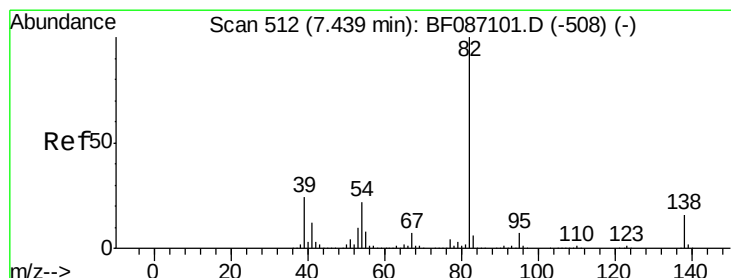
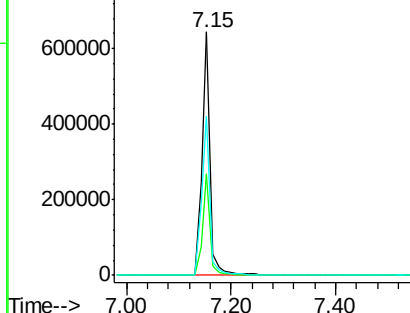
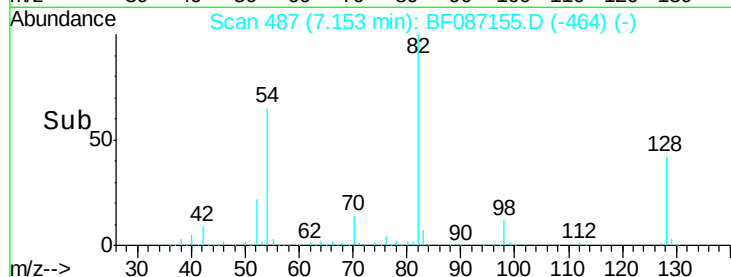
#23
 Nitrobenzene-d5
 Concen: 64.13 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087155.D
 Acq: 18 May 2016 20:45

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

Tgt Ion: 82 Resp: 704912
 Ion Ratio Lower Upper
 82 100
 128 42.0 40.6 61.0
 54 65.4 38.1 57.1#

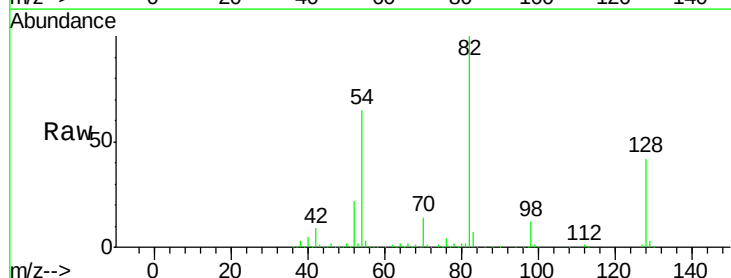


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

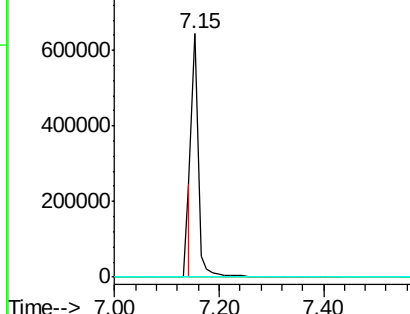
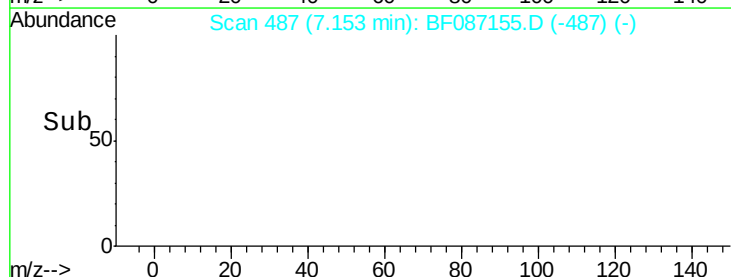


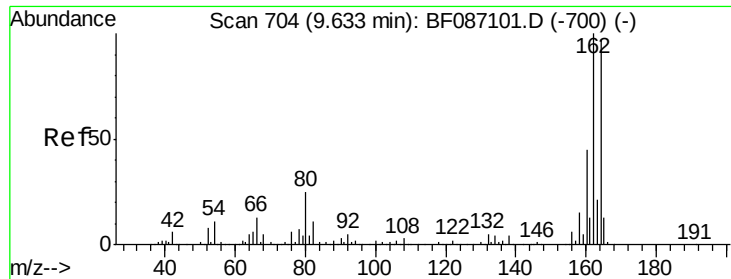
#25
 Isophorone
 Concen: 26.13 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.30 min
 Lab File: BF087155.D
 Acq: 18 May 2016 20:45

Tgt Ion: 82 Resp: 525839
 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: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF087155.D

Acq: 18 May 2016 20:45

Instrument :

BNA_F

ClientSampleId :

2-AB-AC(0-2)

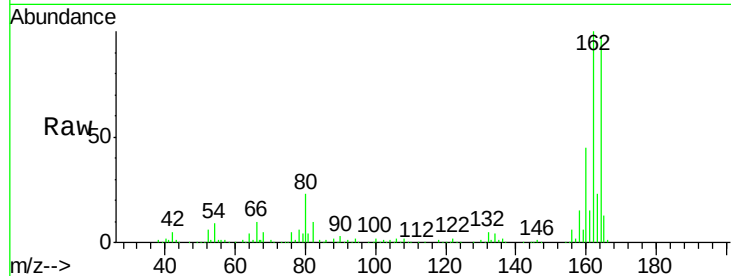
Tgt Ion:164 Resp: 265056

Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

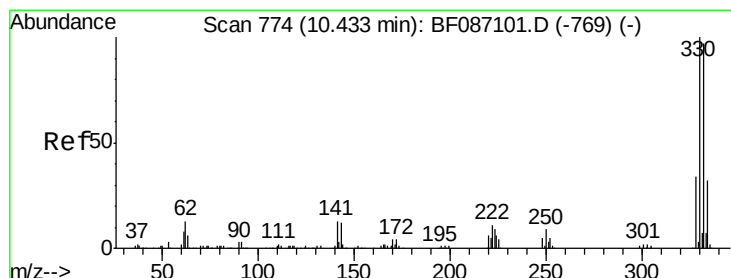
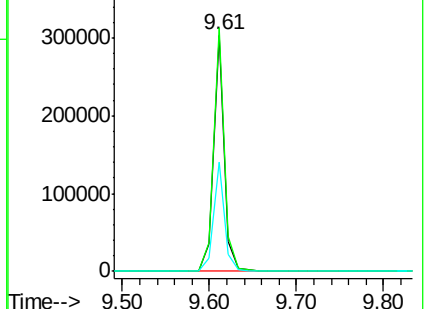
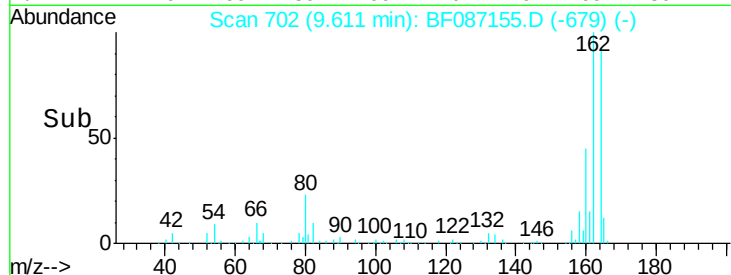
160 46.3 36.9 55.3



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: 77.37 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.05 min

Lab File: BF087155.D

Acq: 18 May 2016 20:45

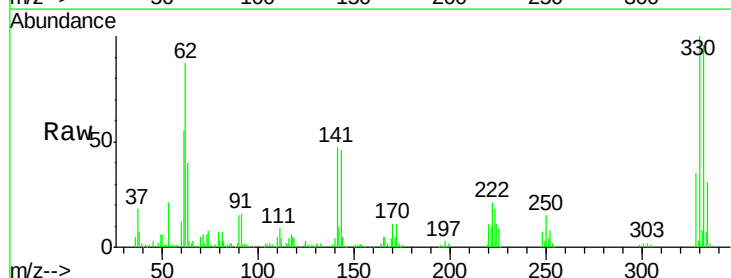
Tgt Ion:330 Resp: 226616

Ion Ratio Lower Upper

330 100

332 97.5 79.0 118.4

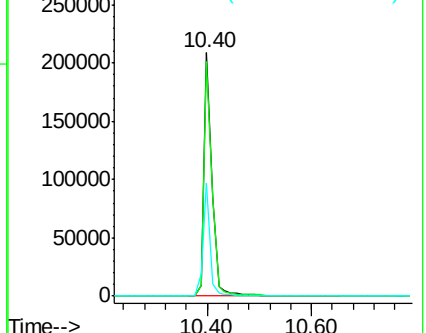
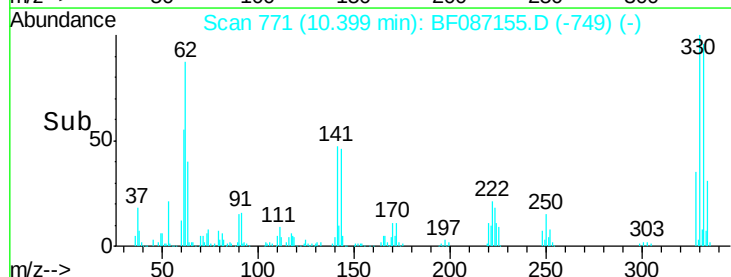
141 40.7 31.2 46.8

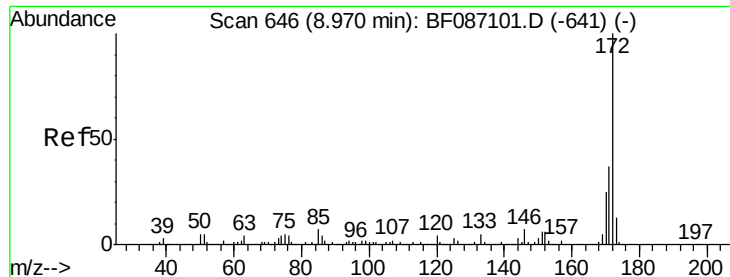


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 66.27 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF087155.D

Acq: 18 May 2016 20:45

Instrument :

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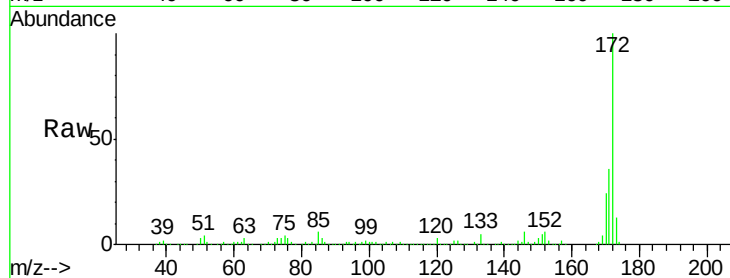
Tgt Ion:172 Resp: 1060554

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

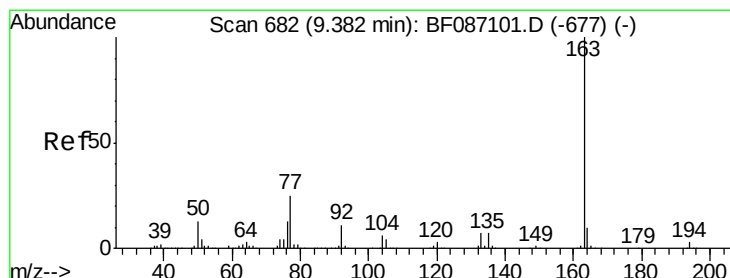
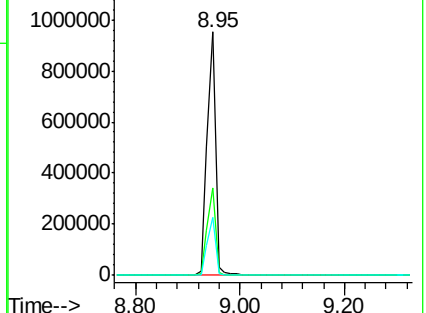
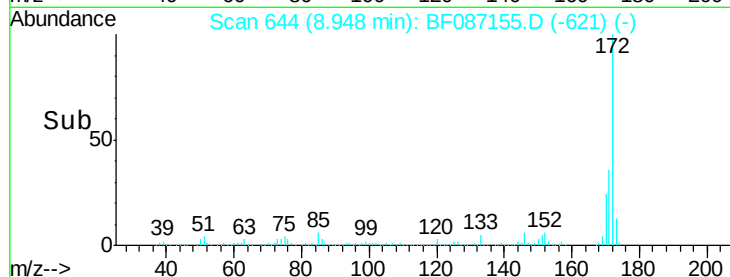
170 23.7 19.8 29.8



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: 6.36 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087155.D

Acq: 18 May 2016 20:45

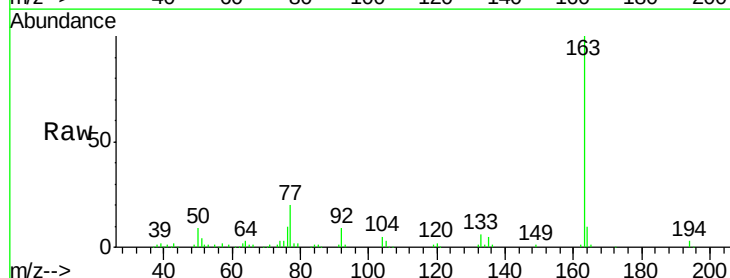
Tgt Ion:163 Resp: 128668

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

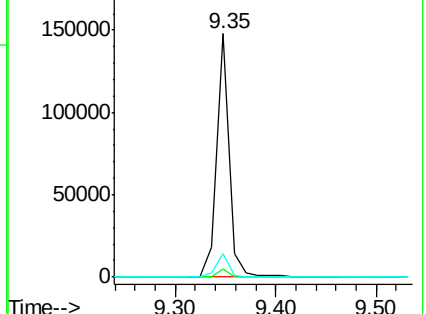
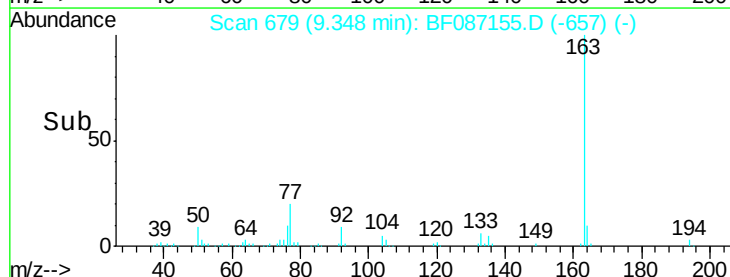
164 9.7 8.2 12.4

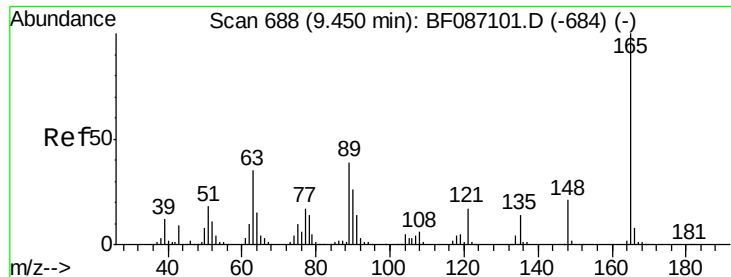


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 7.83 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.15 min

Lab File: BF087155.D

Acq: 18 May 2016 20:45

Instrument :

BNA_F

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2-AB-AC(0-2)

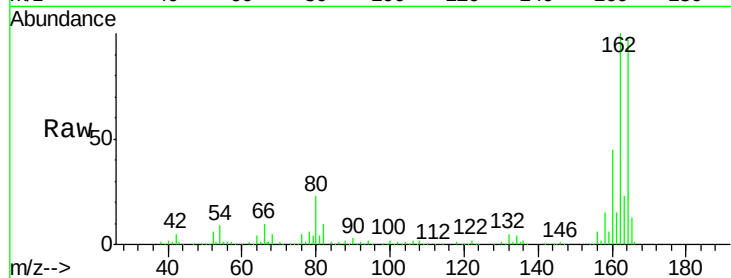
Tgt Ion:165 Resp: 34366

Ion Ratio Lower Upper

165 100

63 1.9 51.8 77.8#

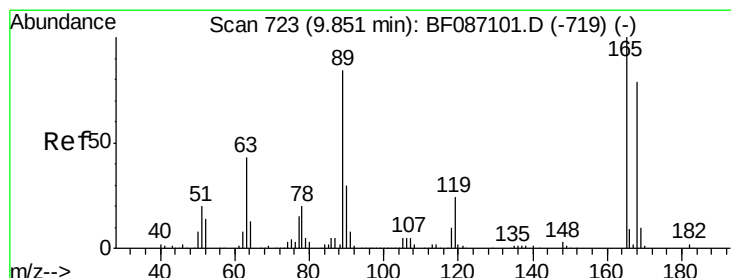
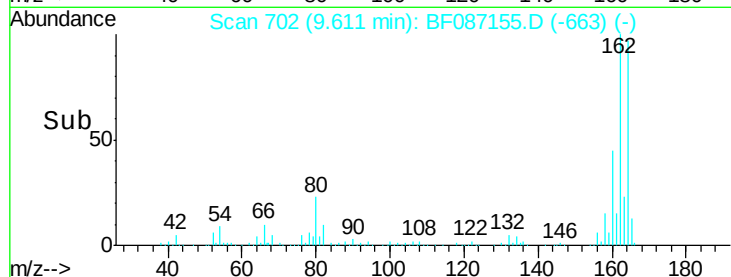
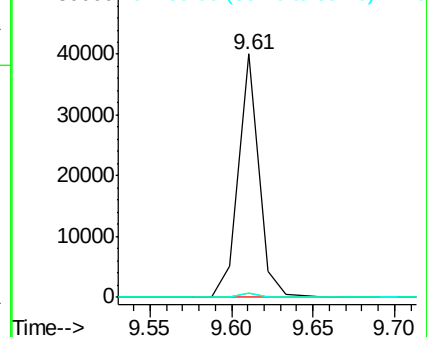
89 2.0 50.7 76.1#



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



#56

2,4-Dinitrotoluene

Concen: 6.11 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.25 min

Lab File: BF087155.D

Acq: 18 May 2016 20:45

Tgt Ion:165 Resp: 34366

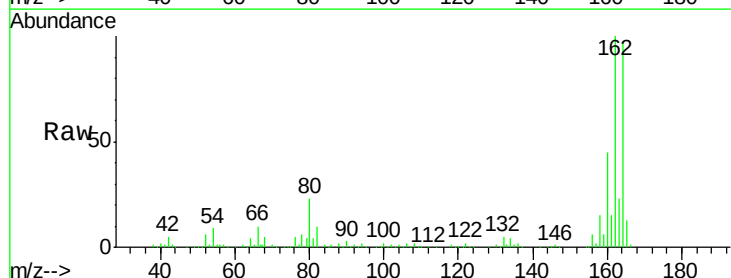
Ion Ratio Lower Upper

165 100

63 1.9 44.3 66.5#

89 2.0 70.0 105.0#

182 0.0 1.8 2.6#

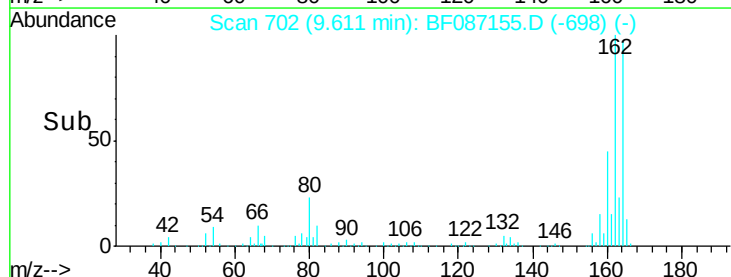
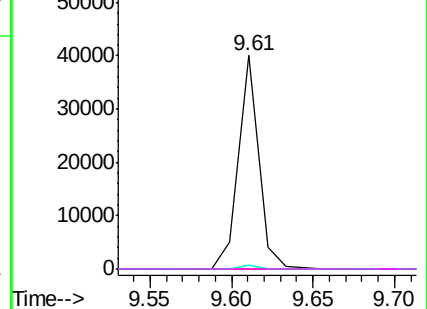


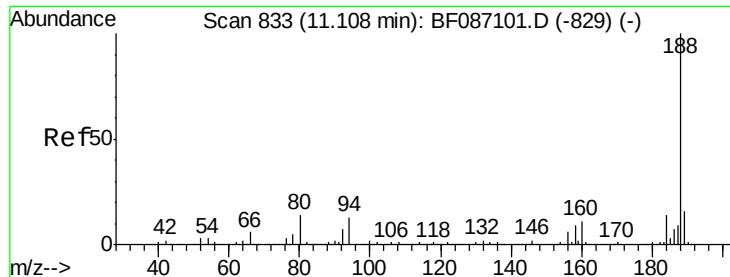
Abundance Ion 165.00 (164.70 to 165.70): E

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

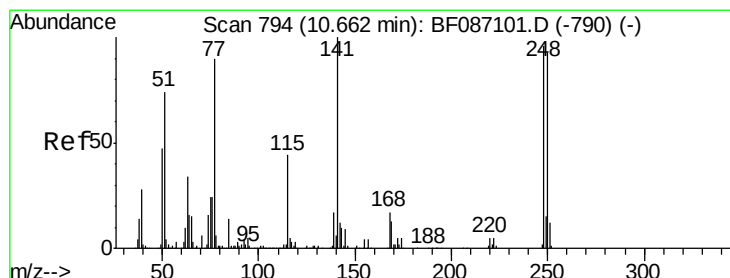
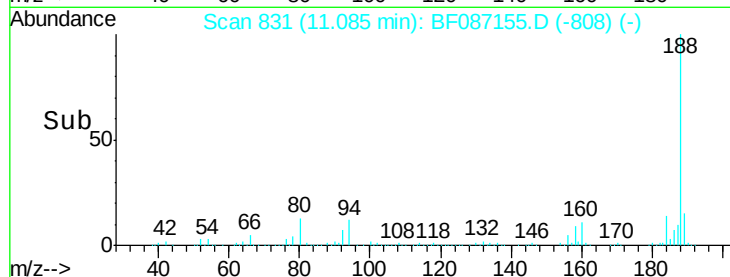
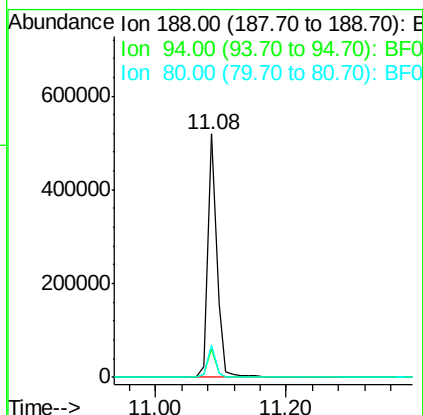
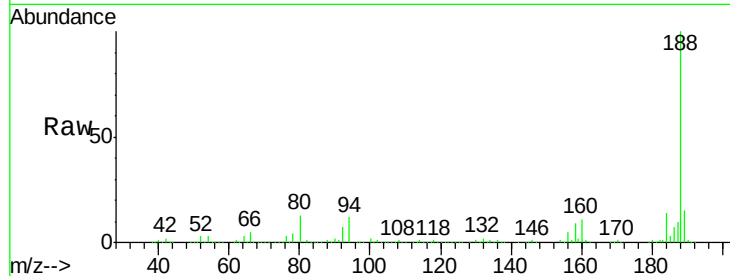




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF087155.D
 Acq: 18 May 2016 20:45

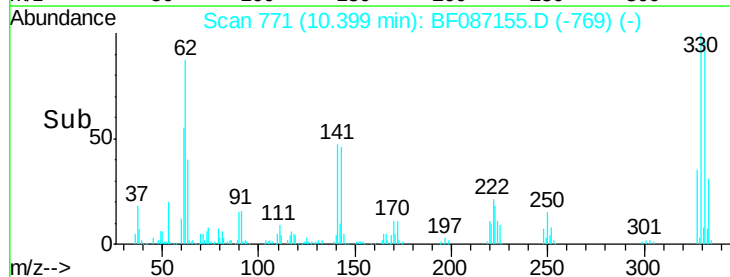
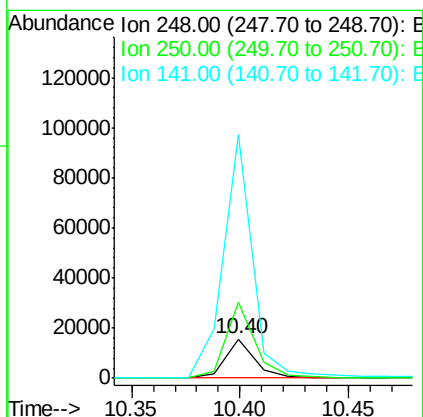
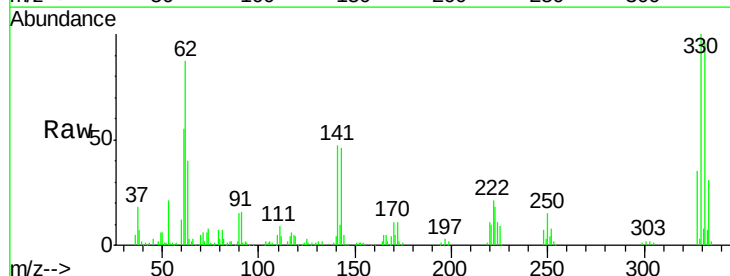
Instrument :
 BNA_F
 ClientSampleId :
 2-AB-AC(0-2)

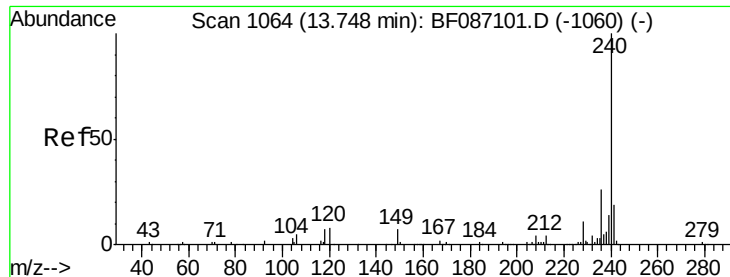
Tgt Ion:188 Resp: 504319
 Ion Ratio Lower Upper
 188 100
 94 11.7 6.8 10.2#
 80 13.2 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 2.74 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.27 min
 Lab File: BF087155.D
 Acq: 18 May 2016 20:45

Tgt Ion:248 Resp: 14190
 Ion Ratio Lower Upper
 248 100
 250 196.6 78.6 117.8#
 141 626.5 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087155.D

Acq: 18 May 2016 20:45

Instrument :

BNA_F

ClientSampleId :

2-AB-AC(0-2)

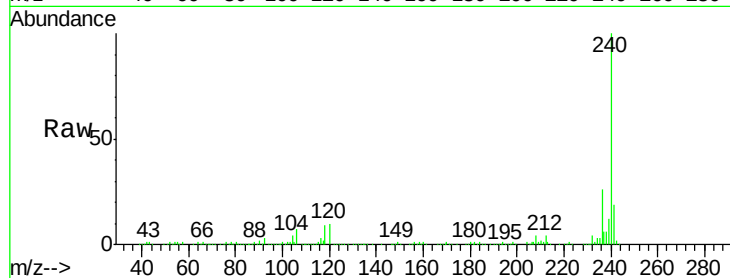
Tgt Ion:240 Resp: 413073

Ion Ratio Lower Upper

240 100

120 10.2 11.2 16.8#

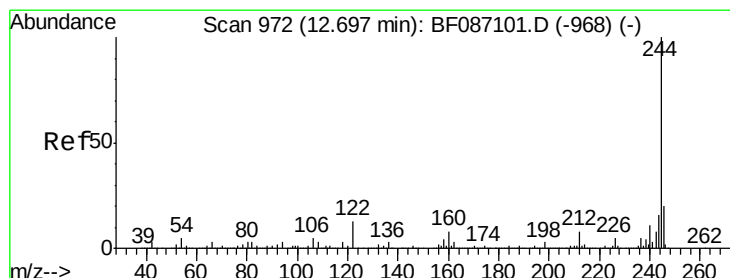
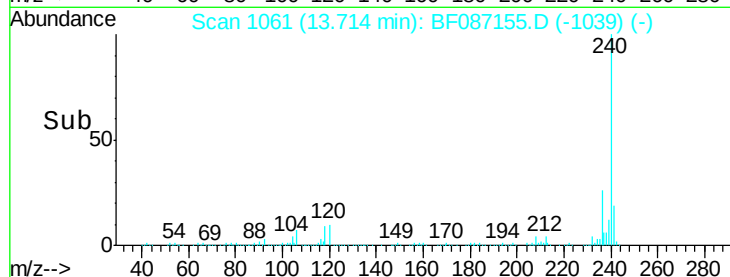
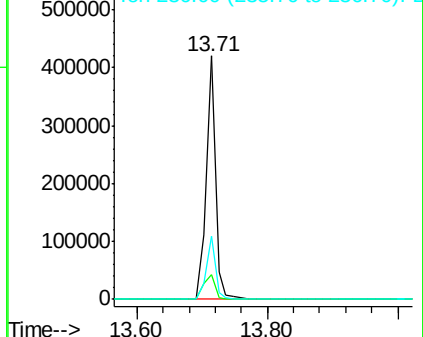
236 26.0 21.2 31.8



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: 51.88 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087155.D

Acq: 18 May 2016 20:45

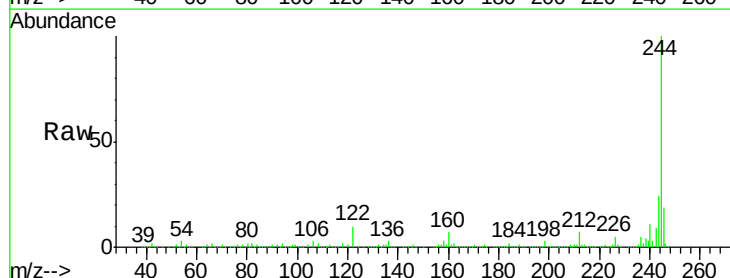
Tgt Ion:244 Resp: 947374

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

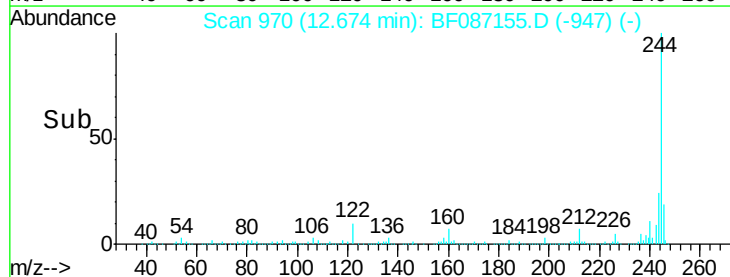
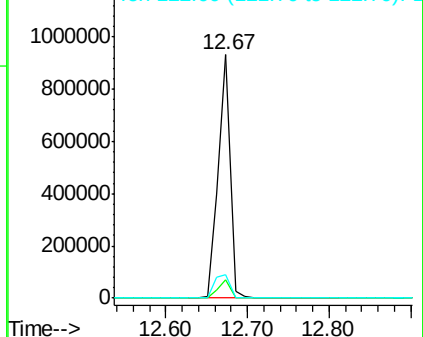
122 9.6 12.0 18.0#

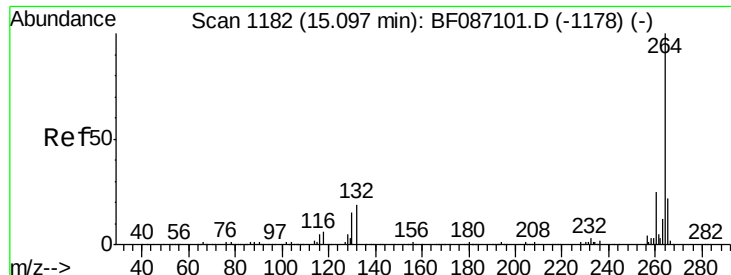


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

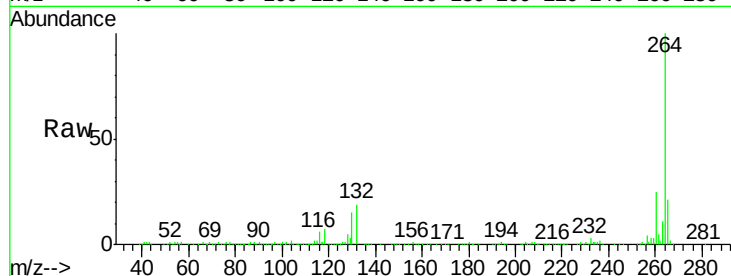




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

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

Tgt Ion:	264	Resp:	326593
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.2	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

