

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
 Data File : BF087167.D
 Acq On : 19 May 2016 3:21
 Operator : UM/SJ
 Sample : PB90659BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BL

Quant Time: May 19 03:55:29 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

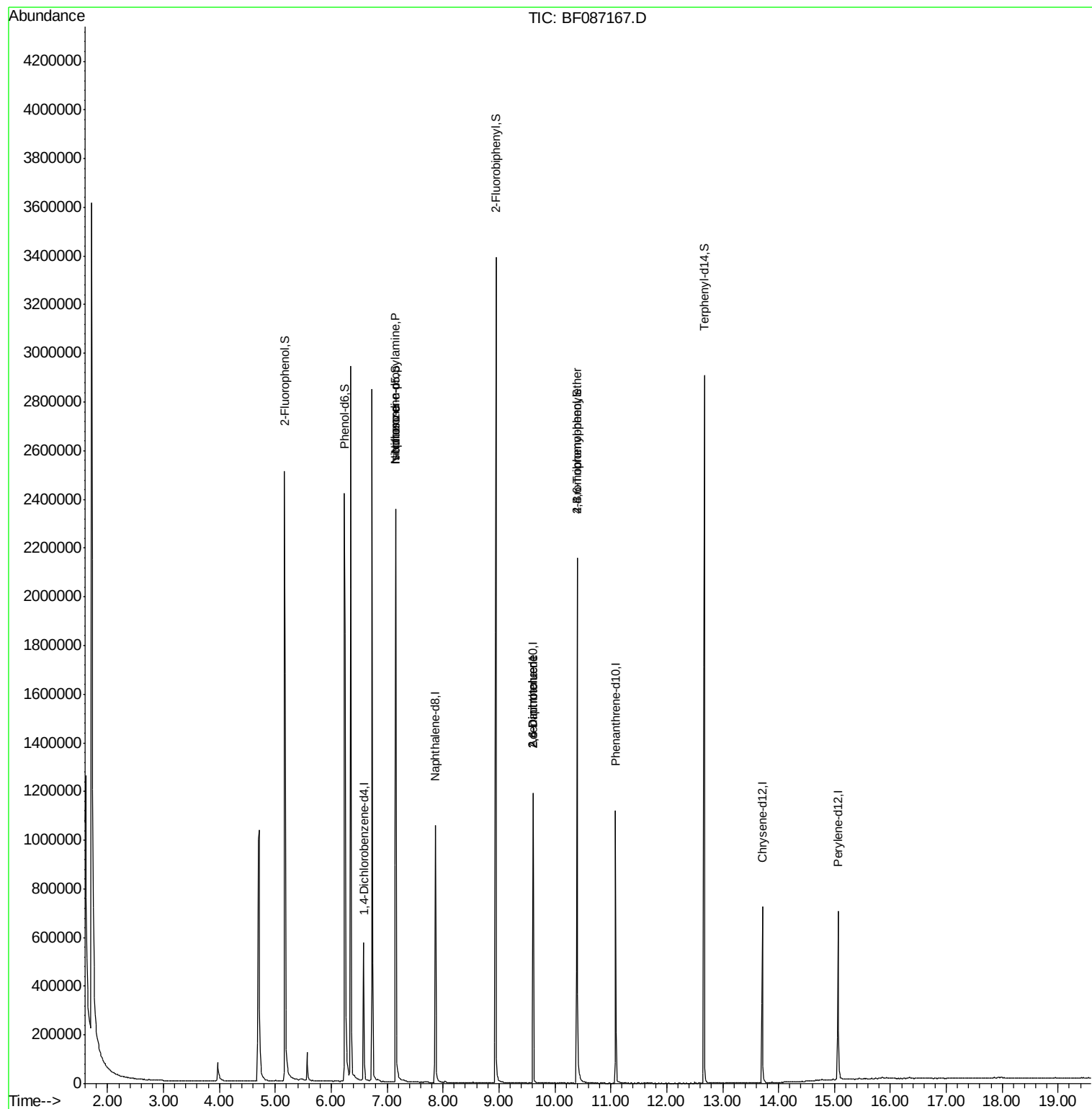
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	116215	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	477965	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	223114	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	396569	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	292258	20.00	ng	-0.05
86) Perylene-d12	15.06	264	283737	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	843261	121.96	ng	-0.03
7) Phenol-d6	6.24	99	1088781	117.41	ng	-0.05
23) Nitrobenzene-d5	7.15	82	794971	82.89	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	244656	99.23	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1244213	92.36	ng	-0.03
78) Terphenyl-d14	12.67	244	1053625	81.55	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	111295	15.79	ng	# 76
25) Isophorone	7.15	82	593930	33.83	ng	# 68
50) 2,6-Dinitrotoluene	9.61	165	28380	7.68	ng	# 21
56) 2,4-Dinitrotoluene	9.61	165	28380	6.00	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	15010	3.68	ng	# 1

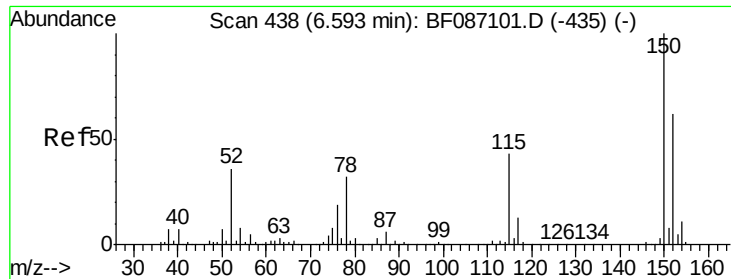
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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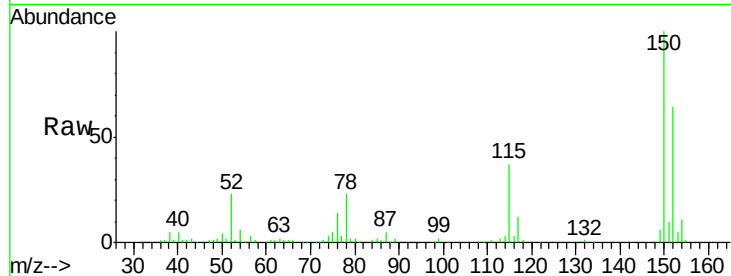


#1

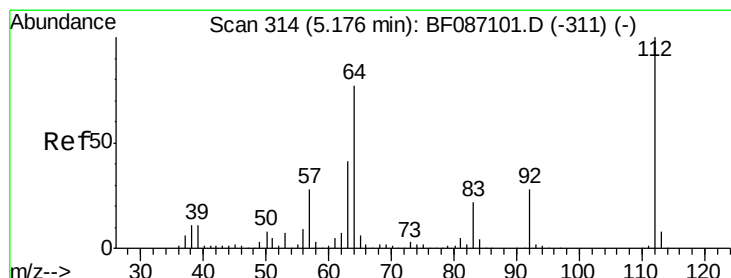
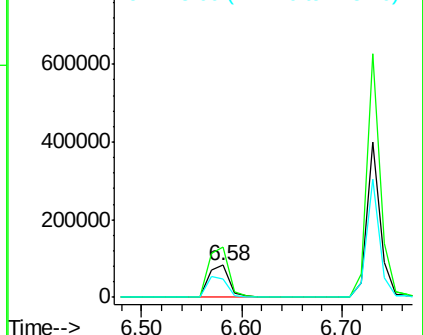
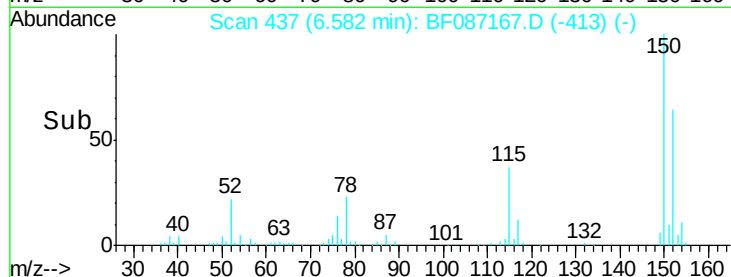
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087167.D
Acq: 19 May 2016 3:21

Instrument :
BNA_F
ClientSampleId :
PB90659BL

Tgt Ion:152 Resp: 116215
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 57.7 51.5 77.3



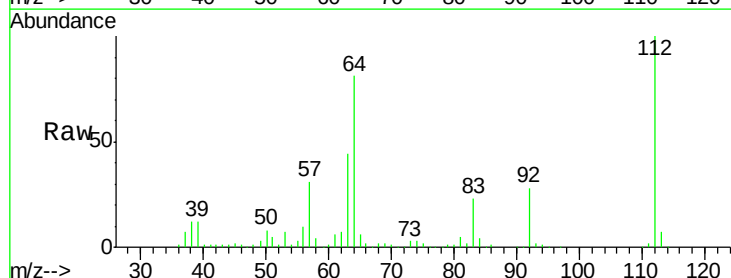
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



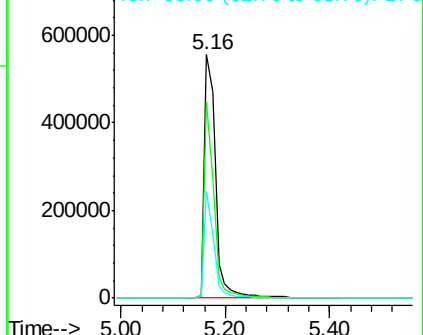
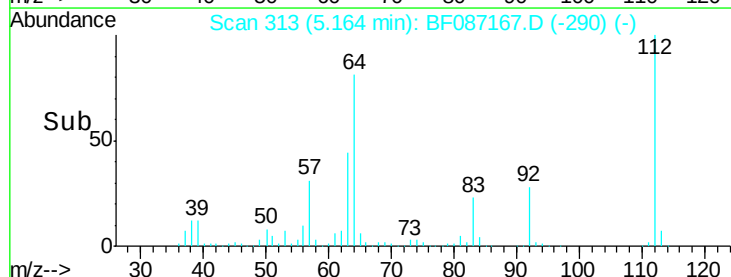
#5

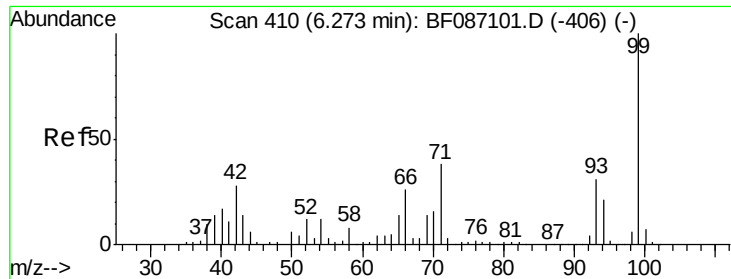
2-Fluorophenol
Concen: 121.96 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087167.D
Acq: 19 May 2016 3:21

Tgt Ion:112 Resp: 843261
Ion Ratio Lower Upper
112 100
64 80.6 52.1 78.1#
63 43.8 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: 117.41 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087167.D

Acq: 19 May 2016 3:21

Instrument :

BNA_F

ClientSampleId :

PB90659BL

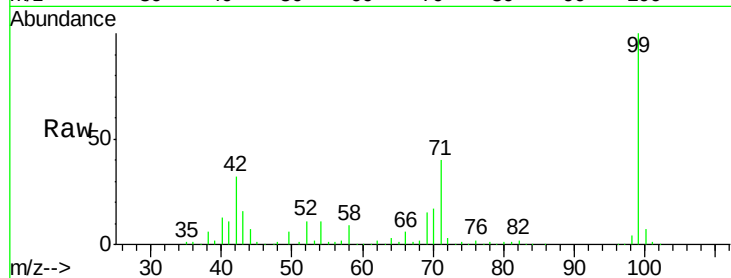
Tgt Ion: 99 Resp: 1088781

Ion Ratio Lower Upper

99 100

42 32.1 13.6 20.4#

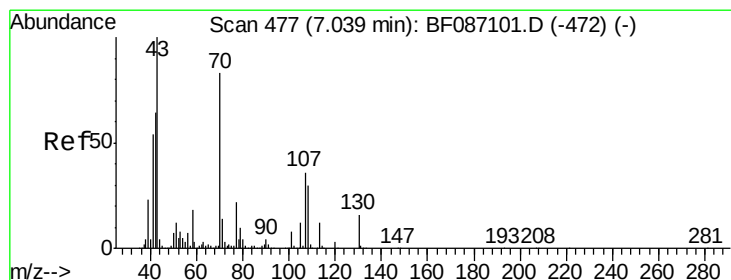
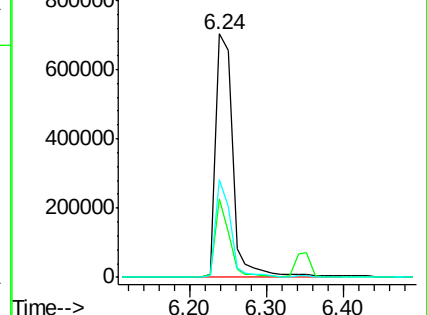
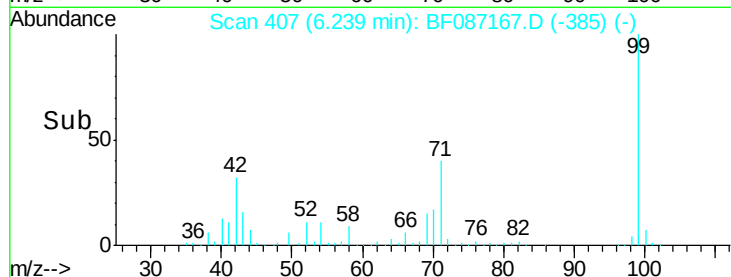
71 40.0 24.6 36.8#



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: 15.79 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.10 min

Lab File: BF087167.D

Acq: 19 May 2016 3:21

Tgt Ion: 70 Resp: 111295

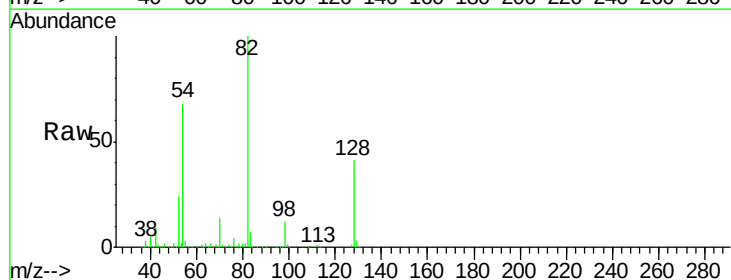
Ion Ratio Lower Upper

70 100

42 64.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

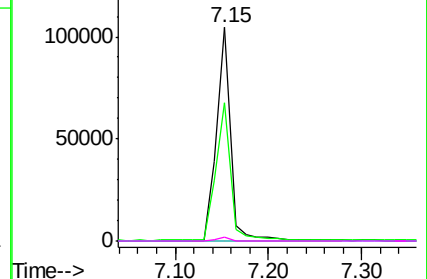
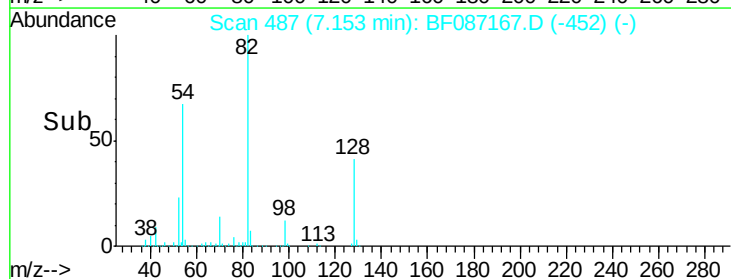


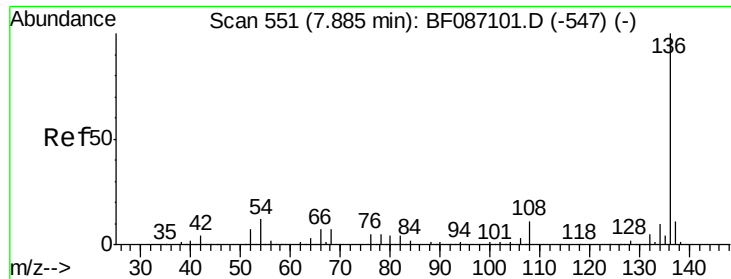
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

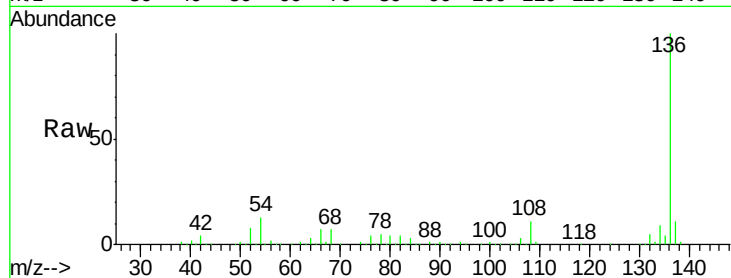




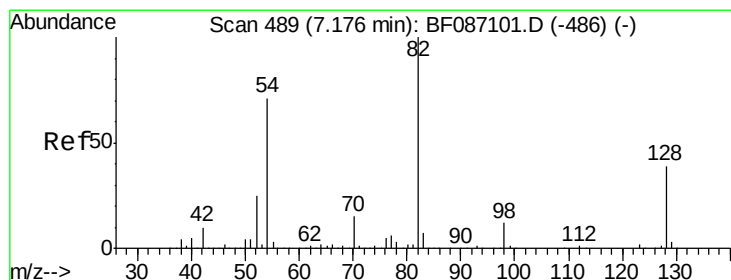
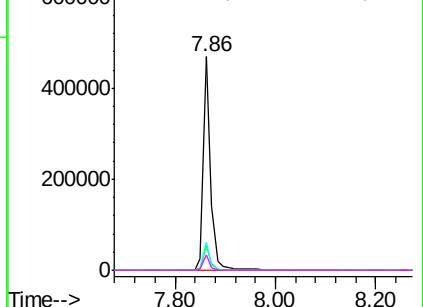
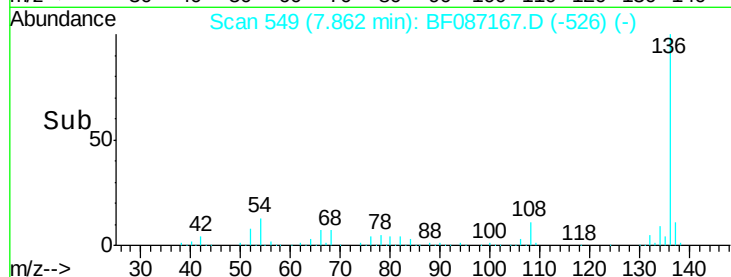
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087167.D
Acq: 19 May 2016 3:21

Instrument :
BNA_F
ClientSampleId :
PB90659BL

Tgt Ion:	136	Resp:	477965
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	12.9	5.0	7.4#
68	7.0	4.4	6.6#

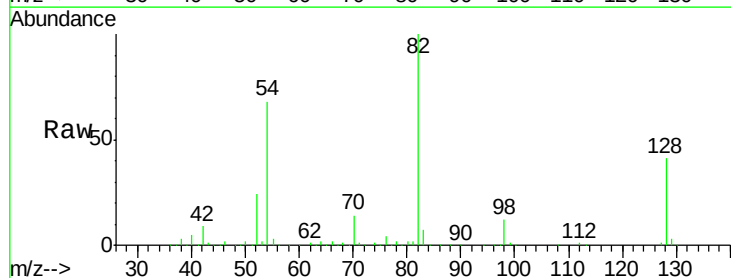


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

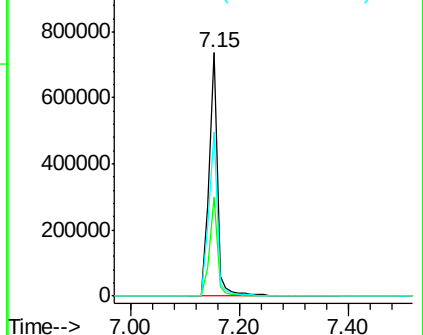
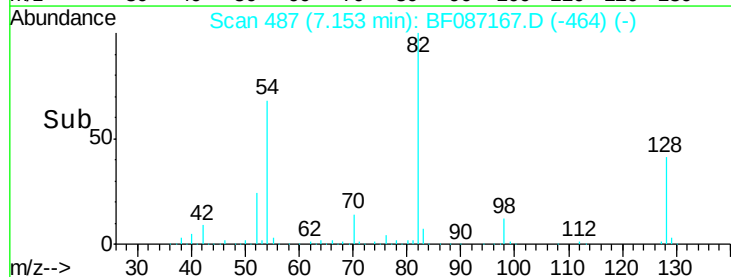


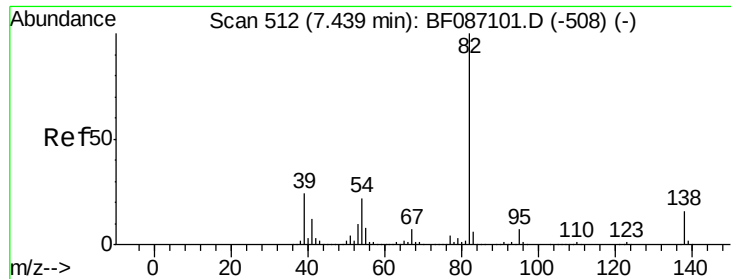
#23
Nitrobenzene-d5
Concen: 82.89 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087167.D
Acq: 19 May 2016 3:21

Tgt Ion:	82	Resp:	794971
Ion	Ratio	Lower	Upper
82	100		
128	40.7	40.6	61.0
54	67.6	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: 33.83 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.30 min

Lab File: BF087167.D

Acq: 19 May 2016 3:21

Instrument :

BNA_F

ClientSampleId :

PB90659BL

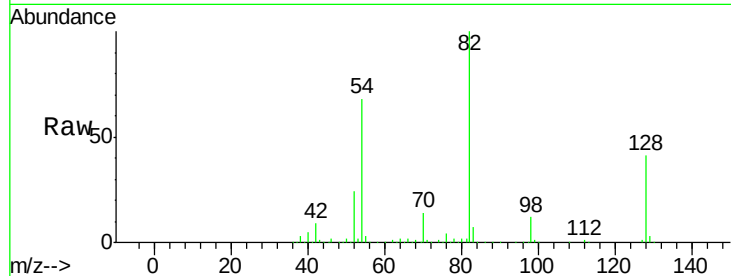
Tgt Ion: 82 Resp: 593930

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

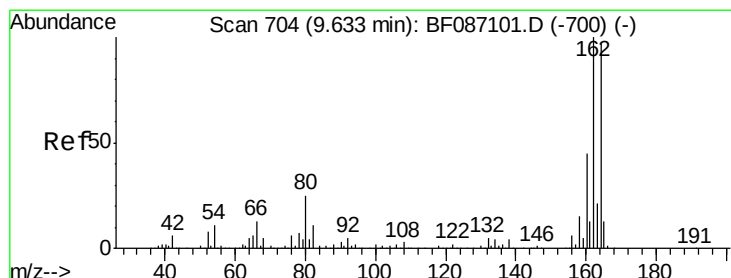
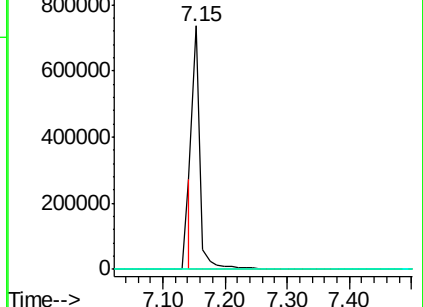
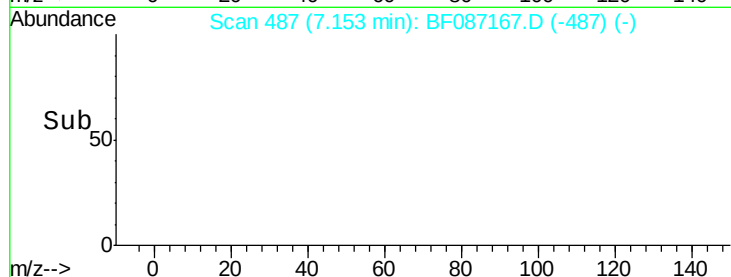
138 0.0 12.4 18.6#



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: BF087167.D

Acq: 19 May 2016 3:21

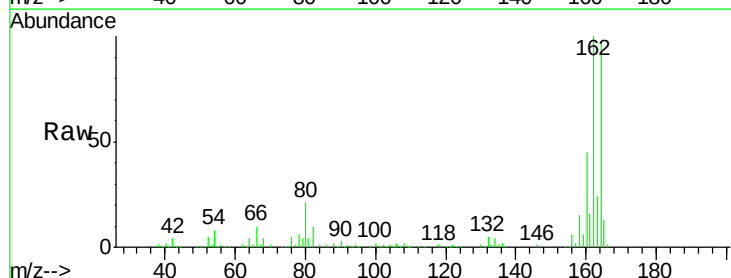
Tgt Ion: 164 Resp: 223114

Ion Ratio Lower Upper

164 100

162 103.1 82.8 124.2

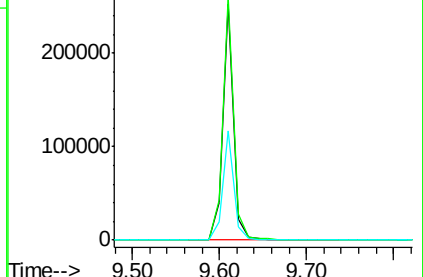
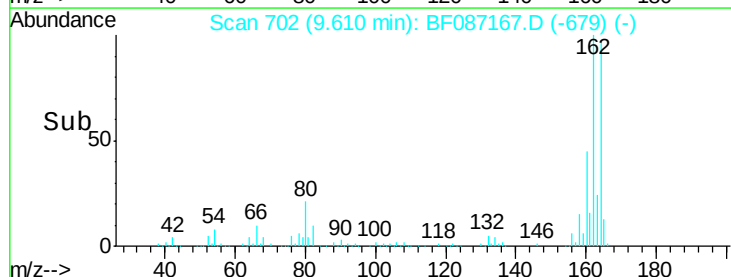
160 46.3 36.9 55.3

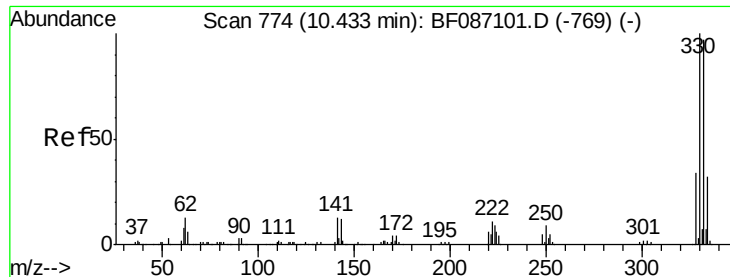


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

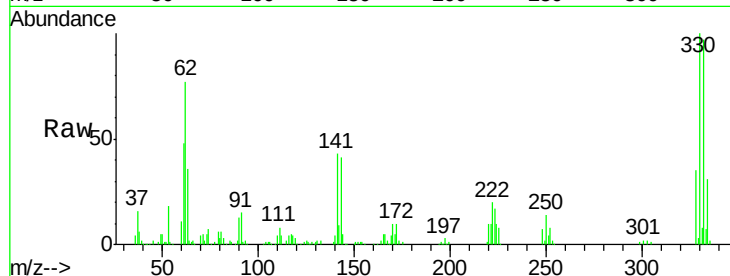




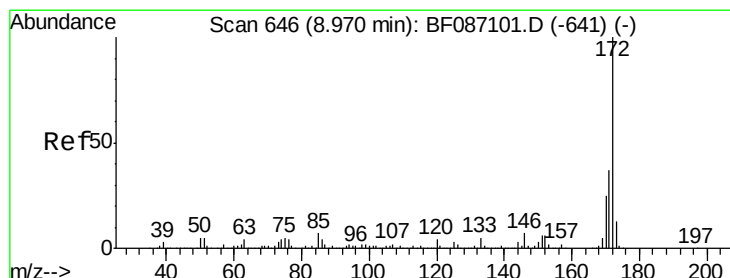
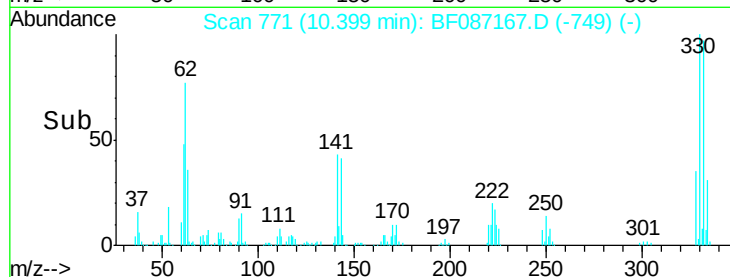
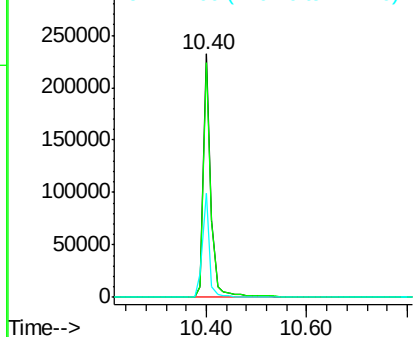
#41
 2,4,6-Tribromophenol
 Concen: 99.23 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087167.D
 Acq: 19 May 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	40.4	31.2	46.8

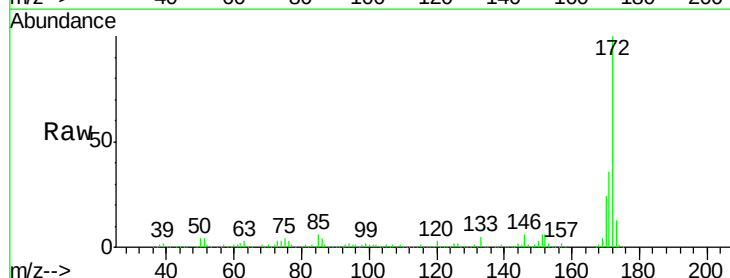


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

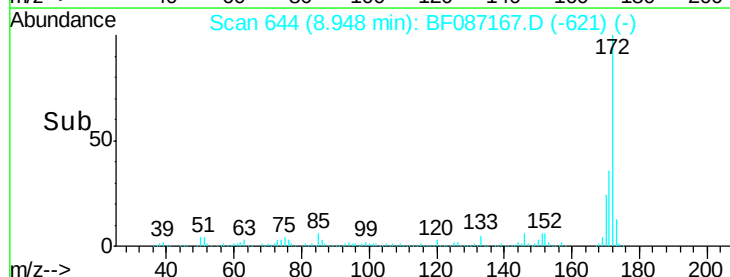
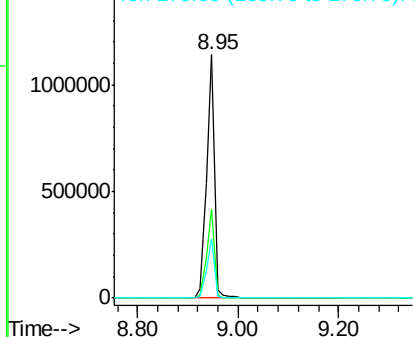


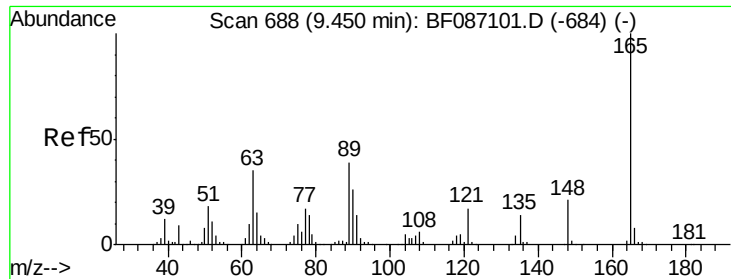
#44
 2-Fluorobiphenyl
 Concen: 92.36 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087167.D
 Acq: 19 May 2016 3:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.2	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





#50

2,6-Dinitrotoluene

Concen: 7.68 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.15 min

Lab File: BF087167.D

Acq: 19 May 2016 3:21

Instrument :

BNA_F

ClientSampleId :

PB90659BL

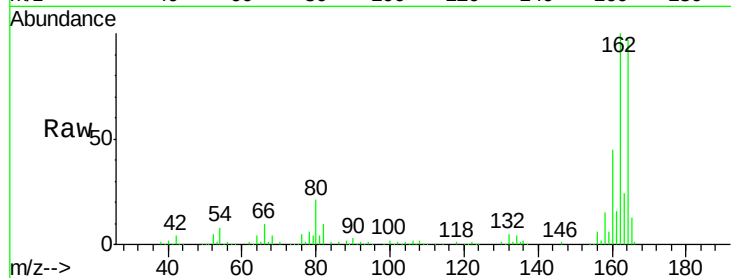
Tgt Ion:165 Resp: 28380

Ion Ratio Lower Upper

165 100

63 2.1 51.8 77.8#

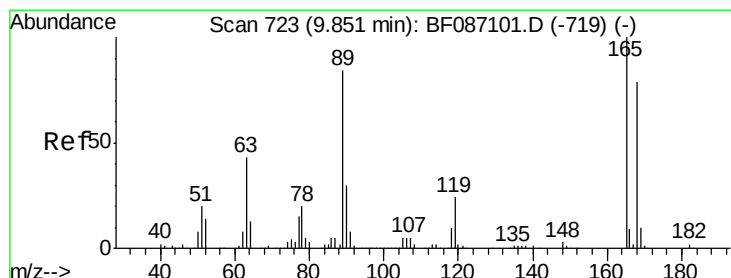
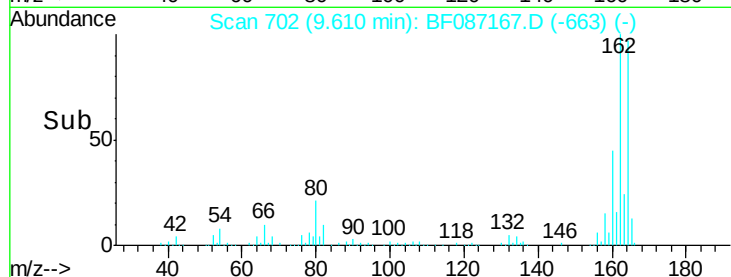
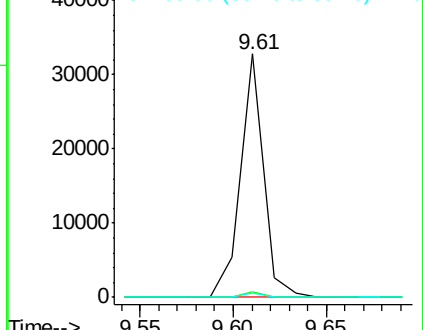
89 1.9 50.7 76.1#



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: 6.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.25 min

Lab File: BF087167.D

Acq: 19 May 2016 3:21

Tgt Ion:165 Resp: 28380

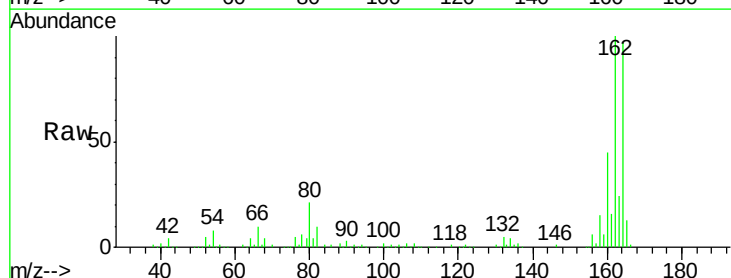
Ion Ratio Lower Upper

165 100

63 2.1 44.3 66.5#

89 1.9 70.0 105.0#

182 0.0 1.8 2.6#

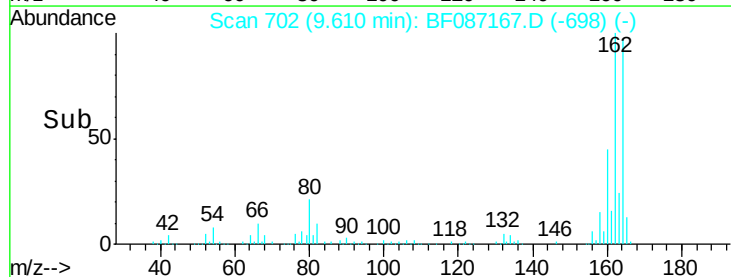
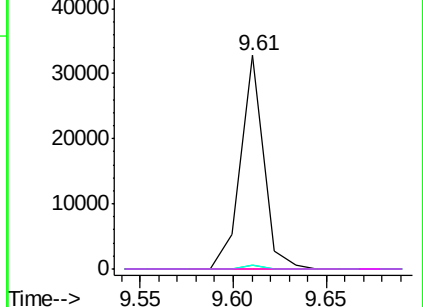


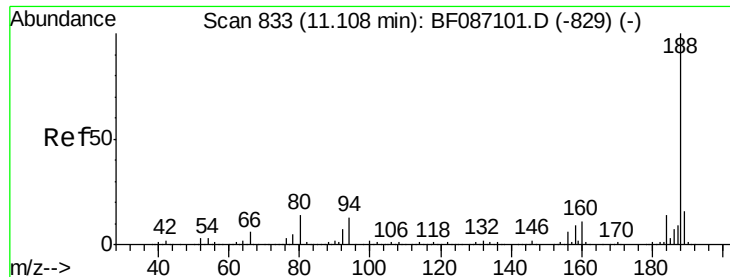
Abundance Ion 165.00 (164.70 to 165.70): E

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

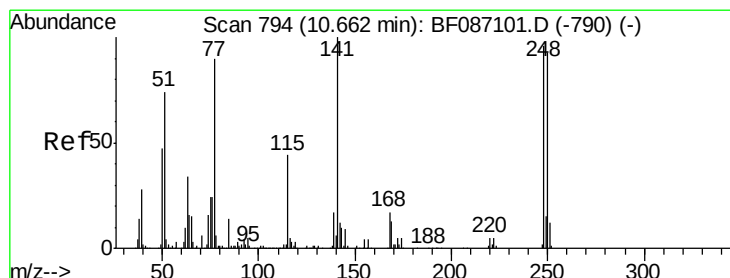
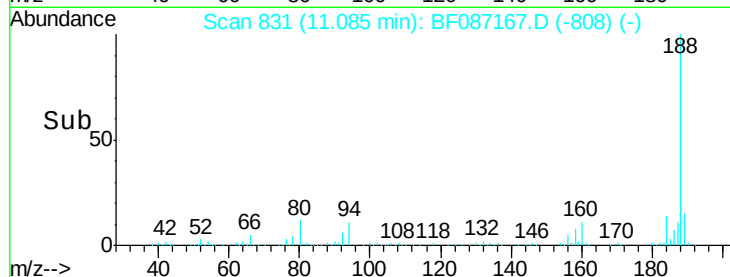
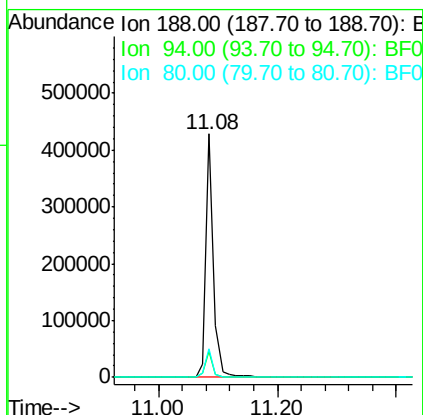
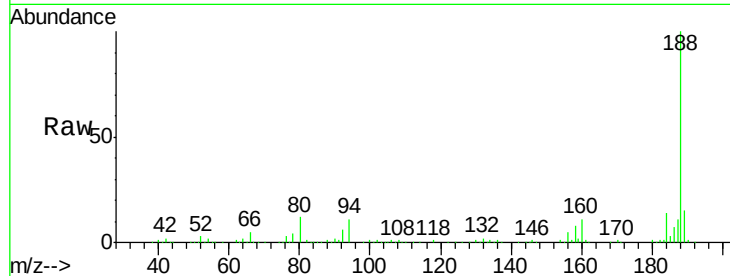




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF087167.D
 Acq: 19 May 2016 3:21

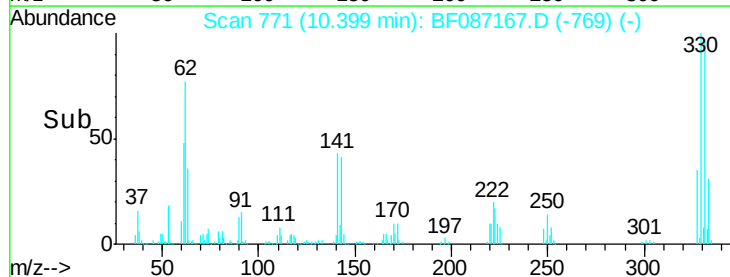
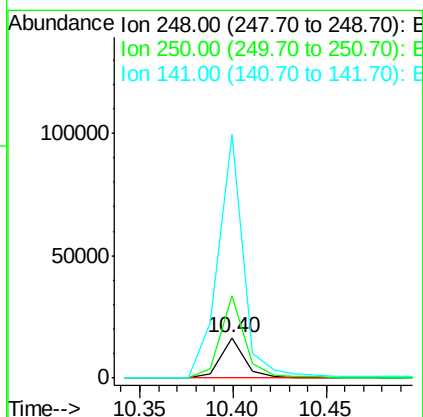
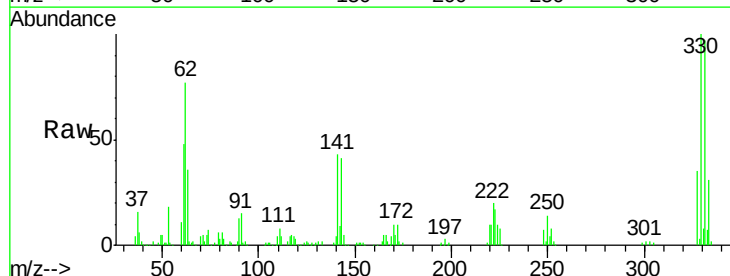
Instrument :
 BNA_F
 ClientSampleId :
 PB90659BL

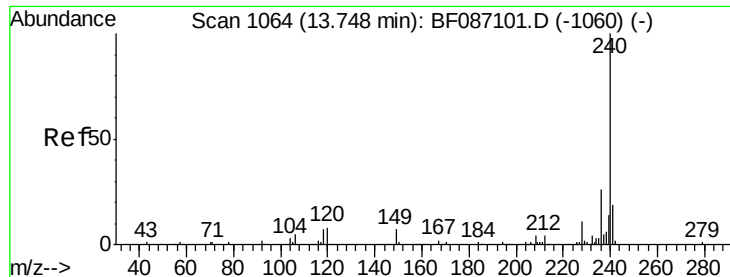
Tgt Ion:188 Resp: 396569
 Ion Ratio Lower Upper
 188 100
 94 10.9 6.8 10.2#
 80 12.0 7.1 10.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.68 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.27 min
 Lab File: BF087167.D
 Acq: 19 May 2016 3:21

Tgt Ion:248 Resp: 15010
 Ion Ratio Lower Upper
 248 100
 250 202.3 78.6 117.8#
 141 600.4 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: BF087167.D

Acq: 19 May 2016 3:21

Instrument :

BNA_F

ClientSampleId :

PB90659BL

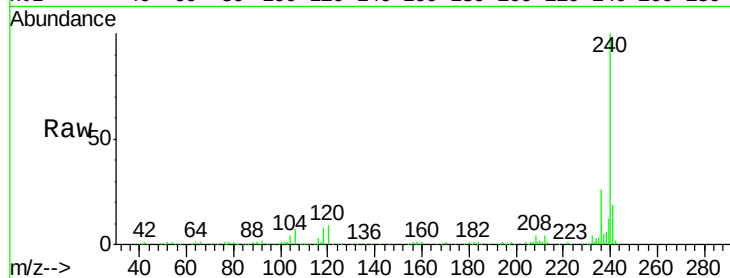
Tgt Ion:240 Resp: 292258

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

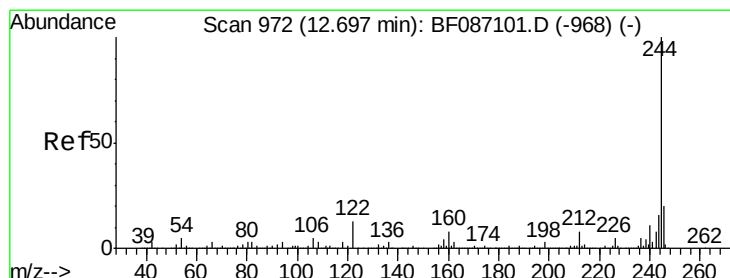
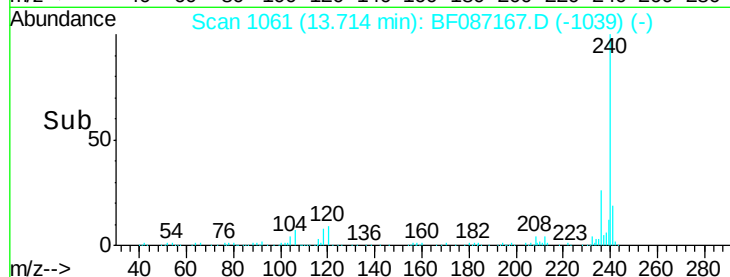
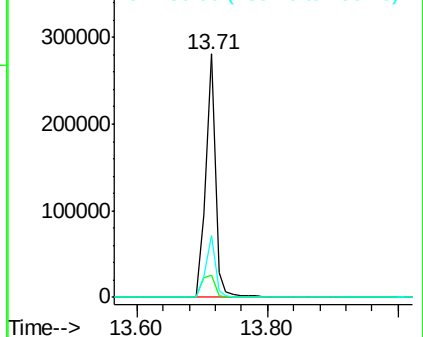
236 25.5 21.2 31.8



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: 81.55 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087167.D

Acq: 19 May 2016 3:21

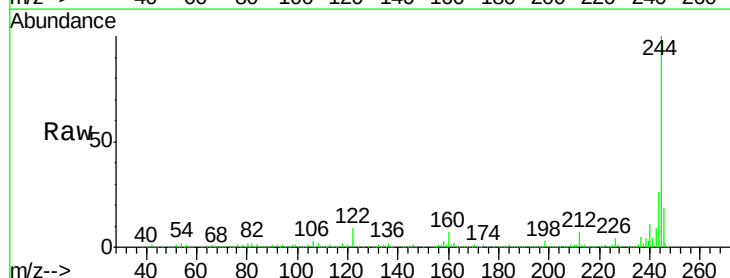
Tgt Ion:244 Resp: 1053625

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

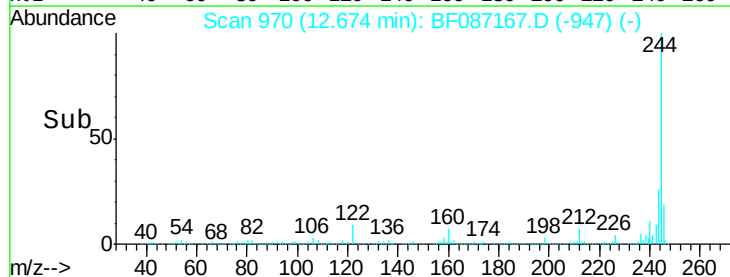
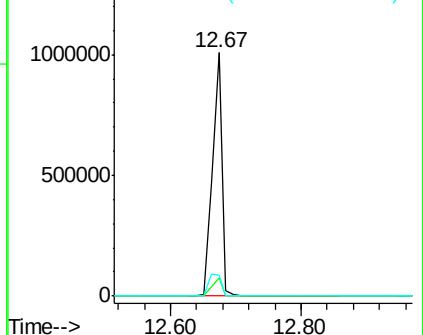
122 8.6 12.0 18.0#

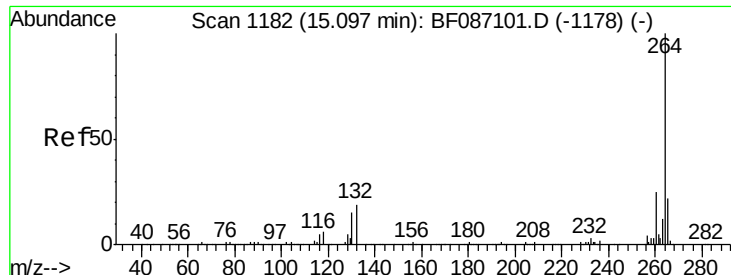


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

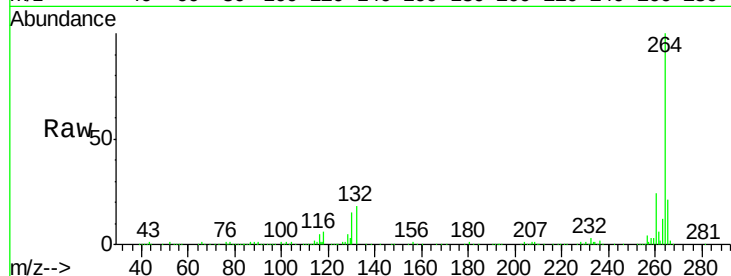




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087167.D
Acq: 19 May 2016 3:21

Instrument :
BNA_F
ClientSampleId :
PB90659BL

Tgt Ion: 264 Resp: 283737
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.1 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

