

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087289.D
 Acq On : 22 May 2016 14:23
 Operator : UM/SJ
 Sample : H3172-05
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: May 23 03:37:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:56:40 2016
 Response via : Initial Calibration

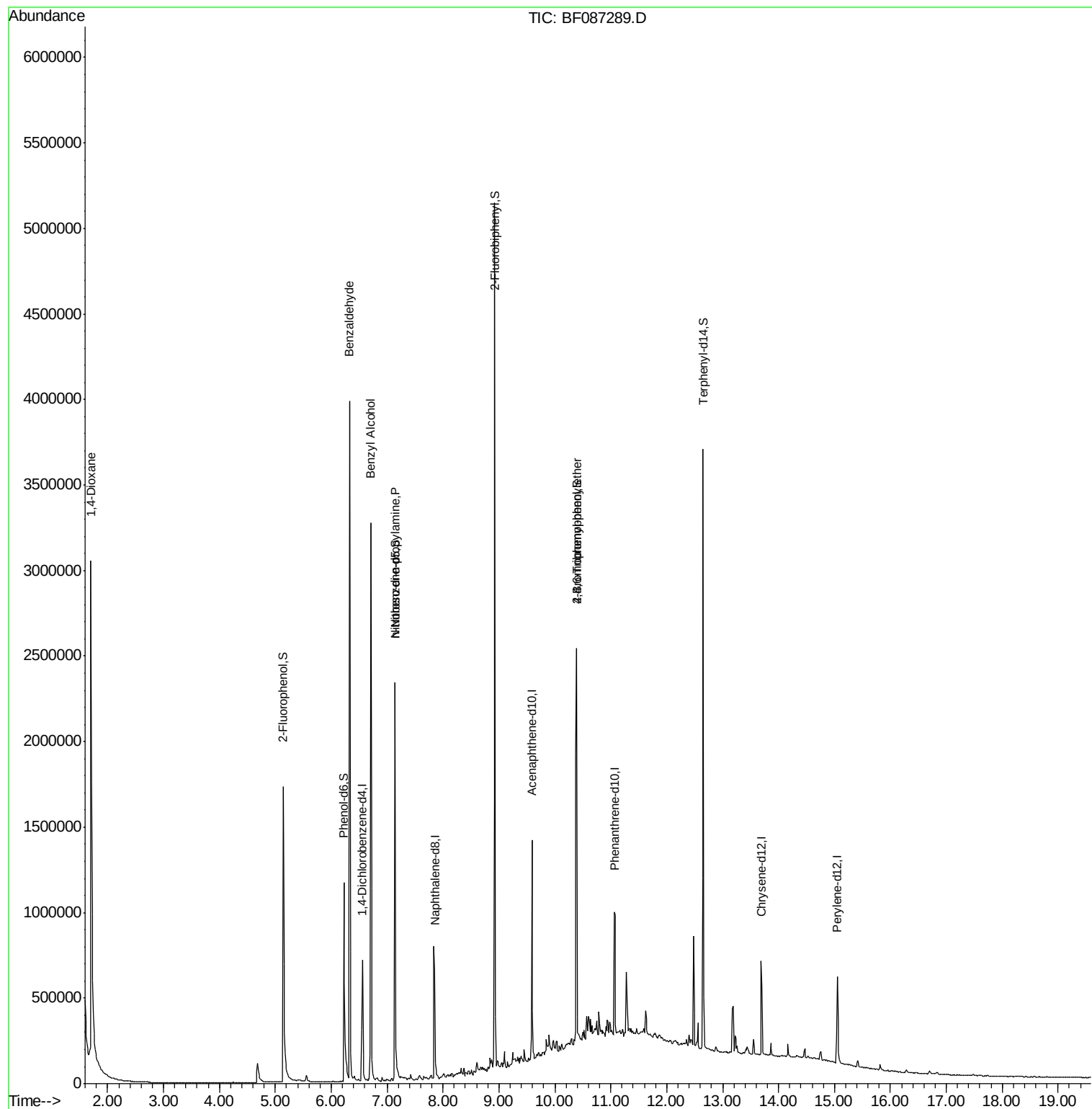
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	118632	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	481211	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	232326	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	392783	20.00	ng	0.00
75) Chrysene-d12	13.69	240	255233	20.00	ng	-0.01
86) Perylene-d12	15.05	264	216913	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	559732	79.31	ng	0.01
7) Phenol-d6	6.23	99	471457	49.81	ng	0.00
23) Nitrobenzene-d5	7.14	82	1033918	107.08	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	363824	141.71	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1467517	104.61	ng	0.00
78) Terphenyl-d14	12.65	244	1017190	90.15	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.70	88	103777	28.58	ng	# 22
9) Benzaldehyde	6.33	77	27141	4.00	ng	# 77
15) Benzyl Alcohol	6.71	79	17397	2.47	ng	# 44
19) n-Nitroso-di-n-propylamine	7.14	70	146514	20.36	ng	# 83
66) 4-Bromophenyl-phenylether	10.39	248	23855	5.91	ng	# 1

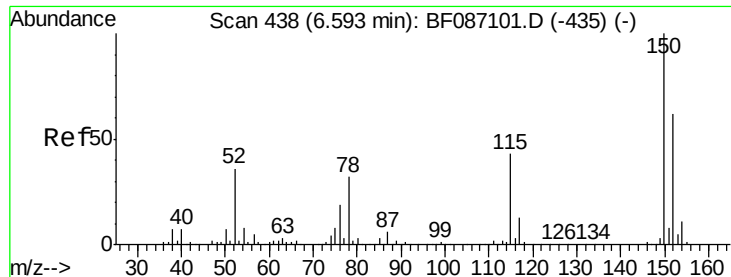
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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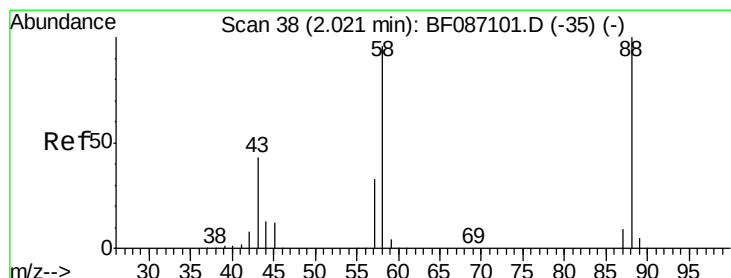
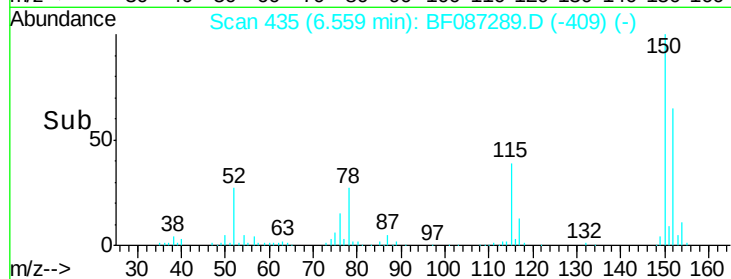
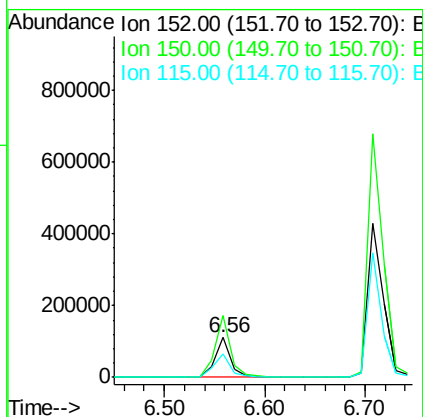
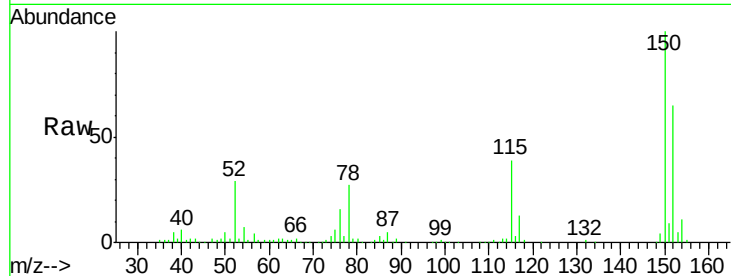


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087289.D
Acq: 22 May 2016 14:23

Instrument :
BNA_F
ClientSampled :
MW-19

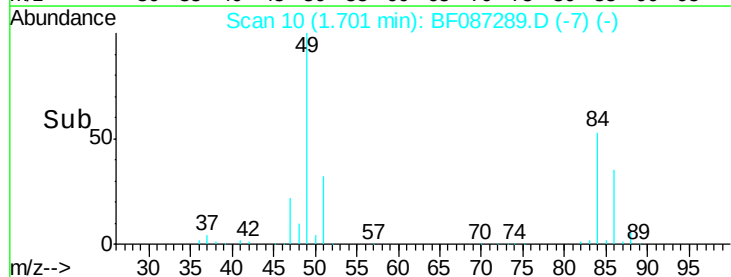
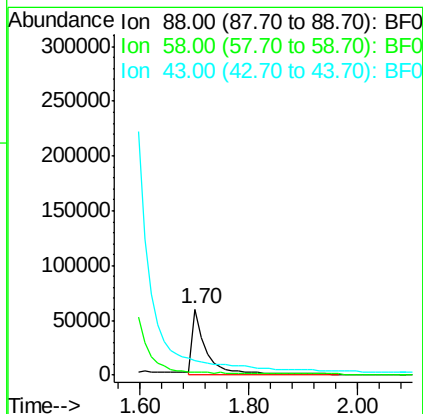
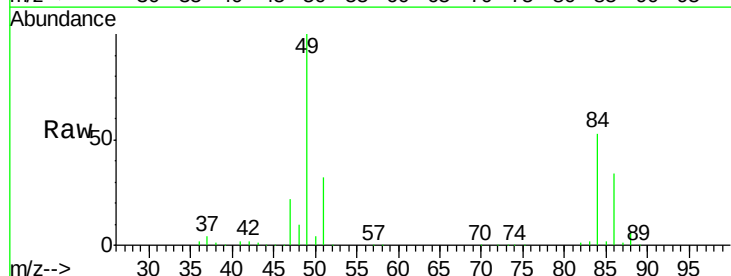
Tgt Ion:152 Resp: 118632
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 60.1 51.5 77.3

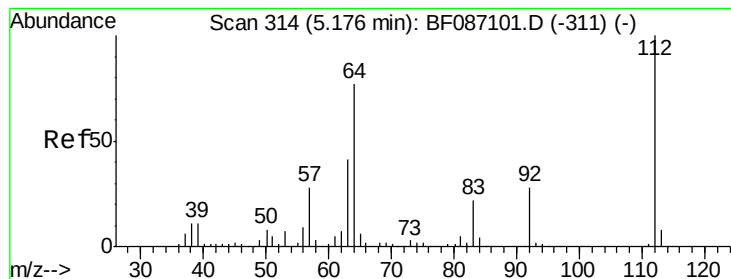


#2

1,4-Dioxane
Concen: 28.58 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.26 min
Lab File: BF087289.D
Acq: 22 May 2016 14:23

Tgt Ion: 88 Resp: 103777
Ion Ratio Lower Upper
88 100
58 0.0 59.6 89.4#
43 0.0 21.8 32.6#





#5

2-Fluorophenol

Concen: 79.31 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087289.D

Acq: 22 May 2016 14:23

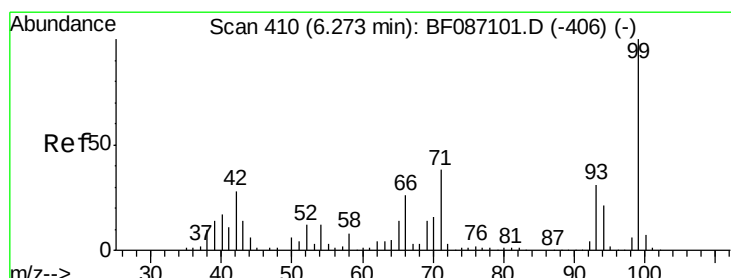
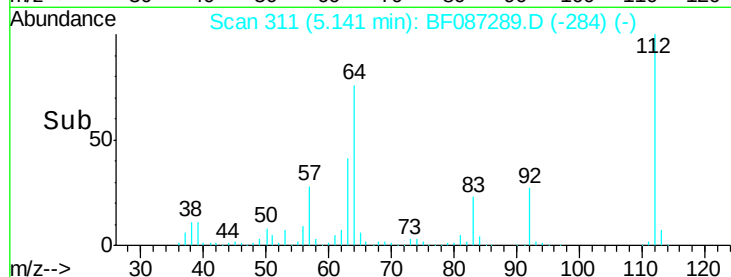
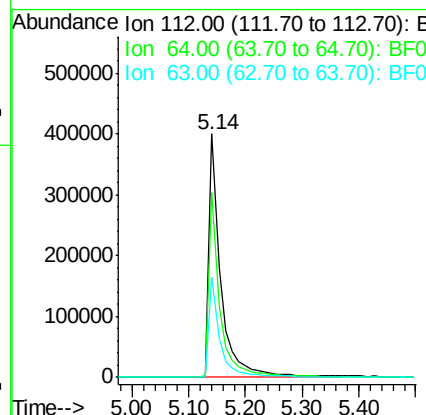
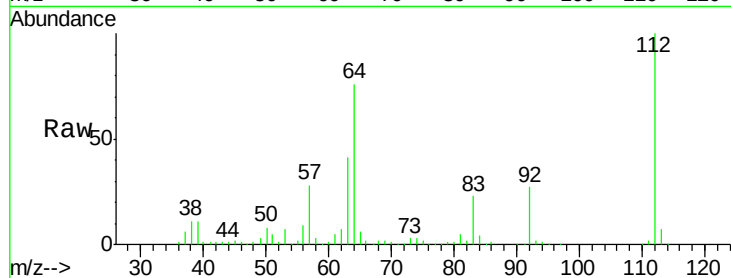
Instrument :

BNA_F

ClientSampleId :

MW-19

Tgt Ion:	112	Resp:	559732
Ion Ratio	Lower	Upper	
112	100		
64	75.9	52.1	78.1
63	41.4	25.7	38.5#



#7

Phenol-d6

Concen: 49.81 ng

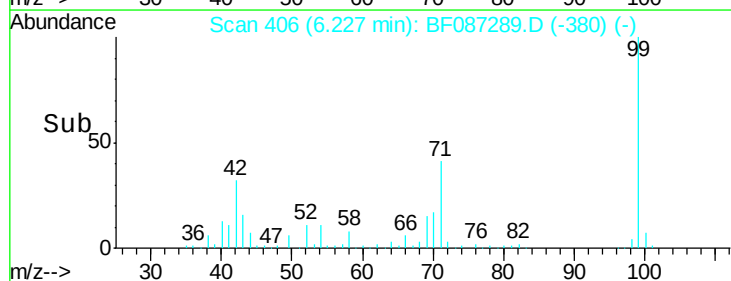
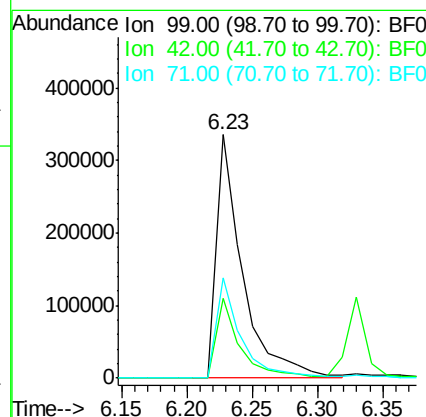
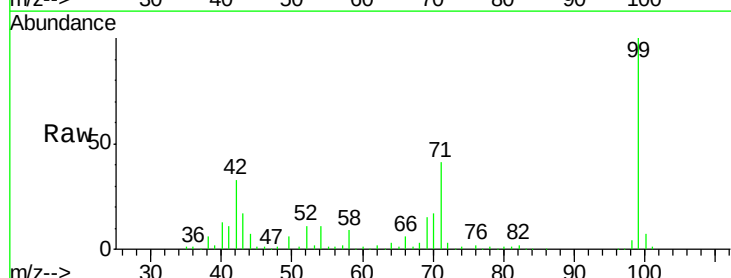
RT: 6.23 min Scan# 406

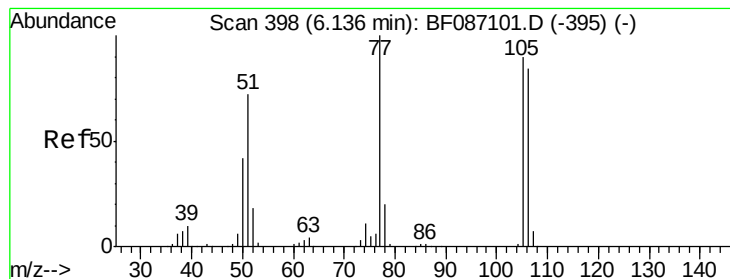
Delta R.T. -0.00 min

Lab File: BF087289.D

Acq: 22 May 2016 14:23

Tgt Ion:	99	Resp:	471457
Ion Ratio	Lower	Upper	
99	100		
42	32.6	13.6	20.4#
71	41.1	24.6	36.8#





#9

Benzaldehyde

Concen: 4.00 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF087289.D

Acq: 22 May 2016 14:23

Instrument :

BNA_F

ClientSampled :

MW-19

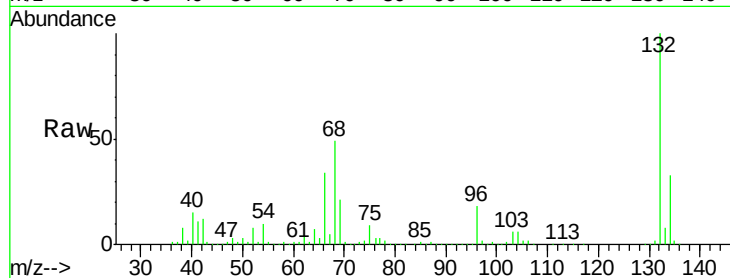
Tgt Ion: 77 Resp: 27141

Ion Ratio Lower Upper

77 100

105 74.5 72.7 112.7

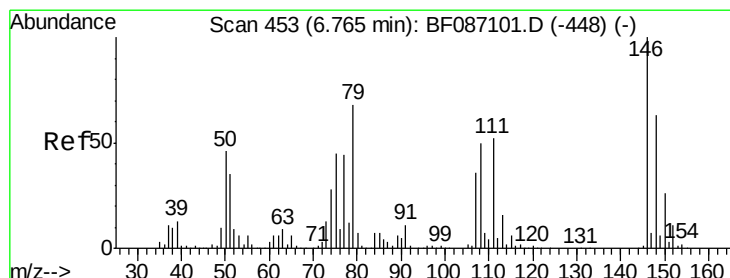
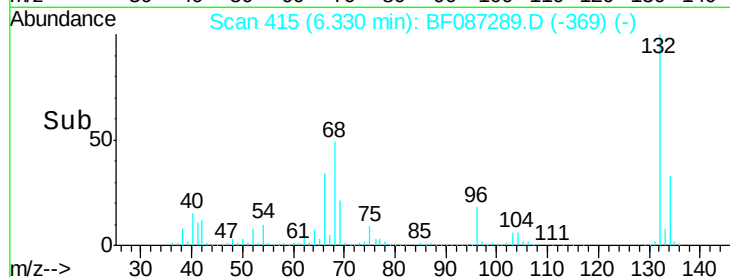
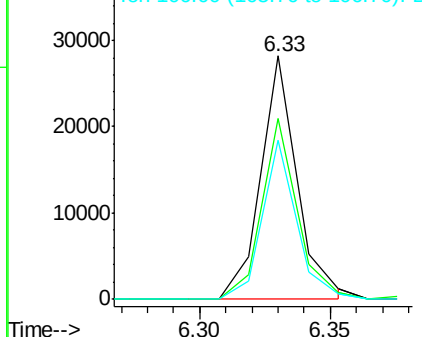
106 65.1 70.8 110.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF087289.D

Acq: 22 May 2016 14:23

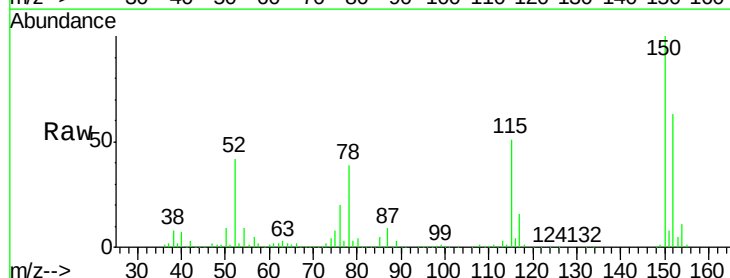
Tgt Ion: 79 Resp: 17397

Ion Ratio Lower Upper

79 100

108 27.2 68.4 102.6#

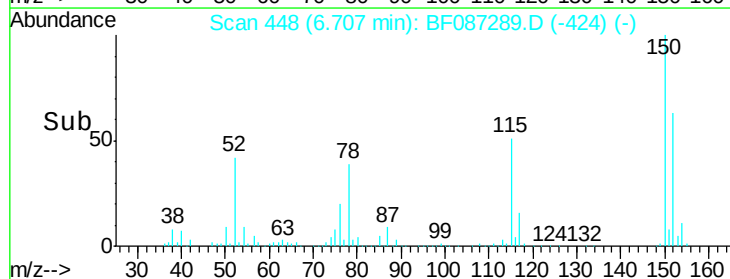
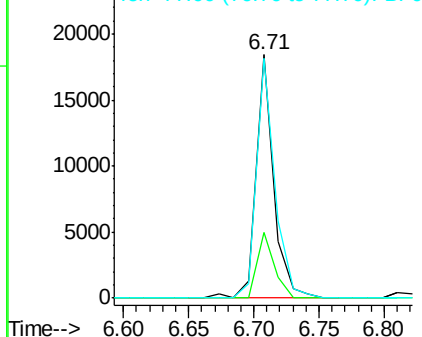
77 98.2 50.6 76.0#

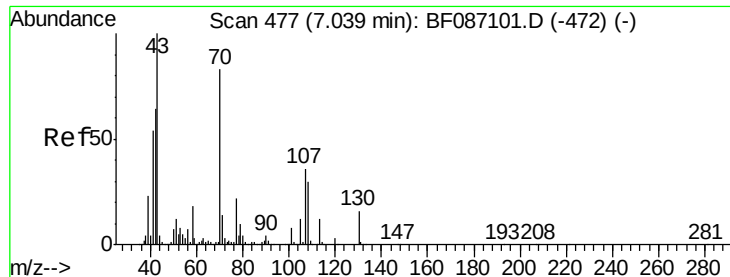


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

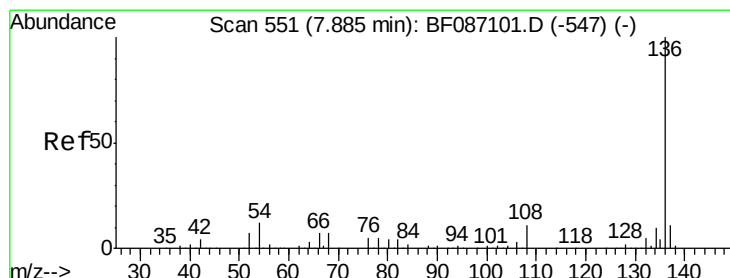
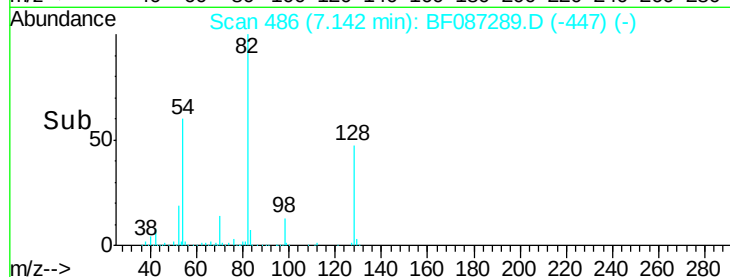
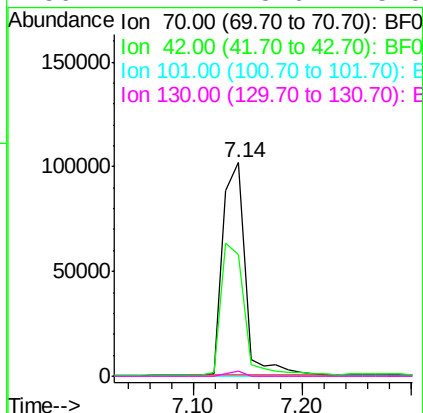
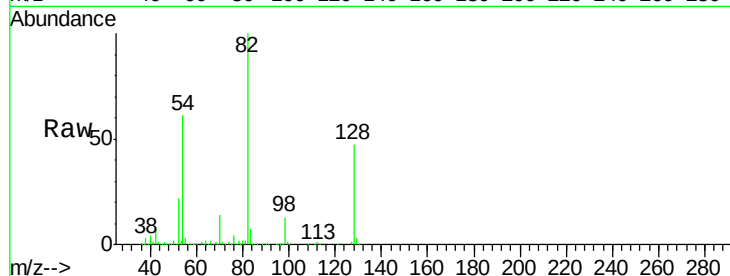




#19
n-Nitroso-di-n-propylamine
Concen: 20.36 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.15 min
Lab File: BF087289.D
Acq: 22 May 2016 14:23

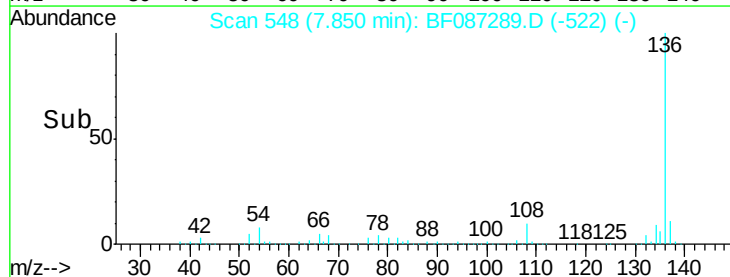
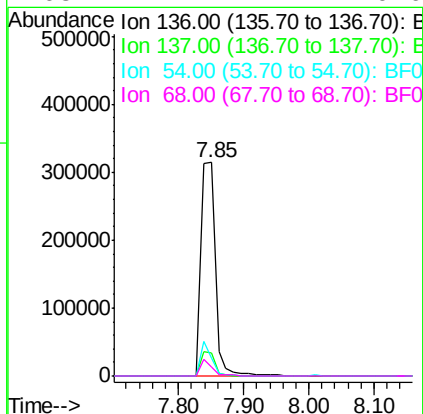
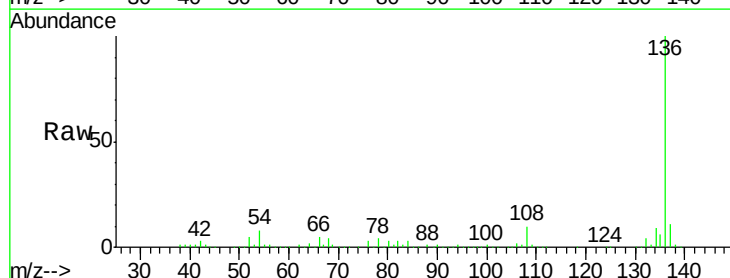
Instrument :
BNA_F
ClientSampleId :
MW-19

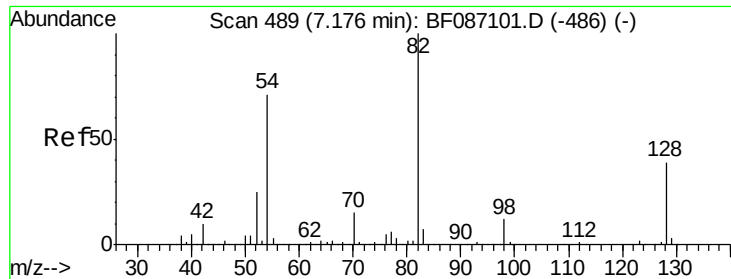
Tgt Ion: 70 Resp: 146514
Ion Ratio Lower Upper
70 100
42 56.9 43.1 64.7
101 0.0 8.1 12.1#
130 2.2 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF087289.D
Acq: 22 May 2016 14:23

Tgt Ion: 136 Resp: 481211
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.3 5.0 7.4#
68 4.4 4.4 6.6#

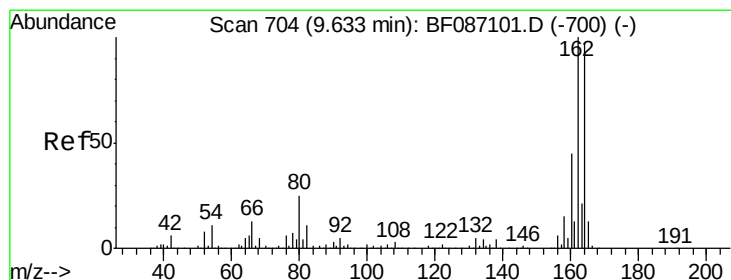
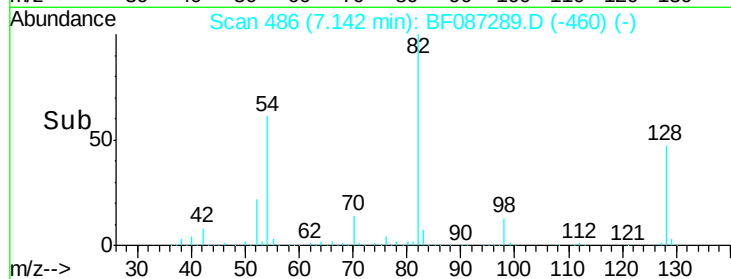
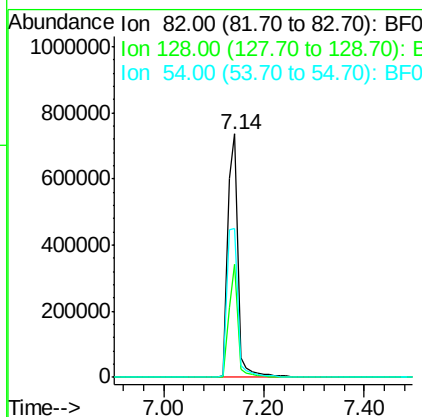
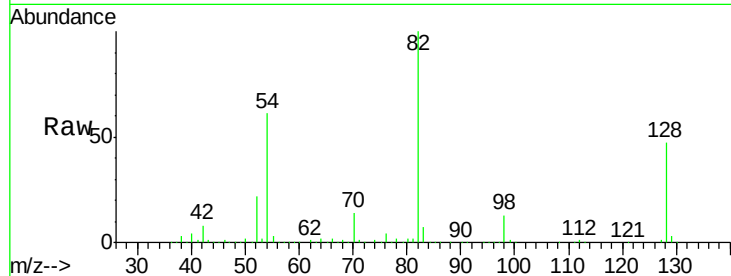




#23
 Nitrobenzene-d5
 Concen: 107.08 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF087289.D
 Acq: 22 May 2016 14:23

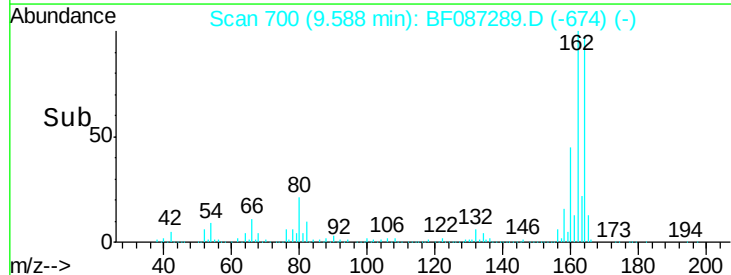
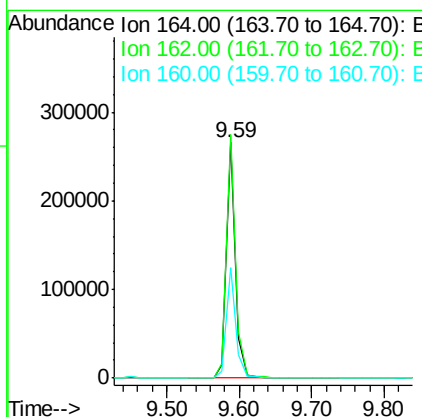
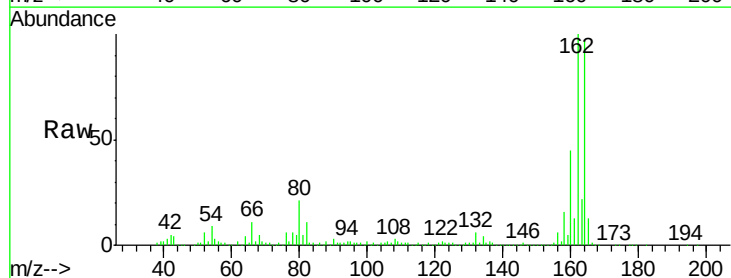
Instrument :
 BNA_F
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 MW-19

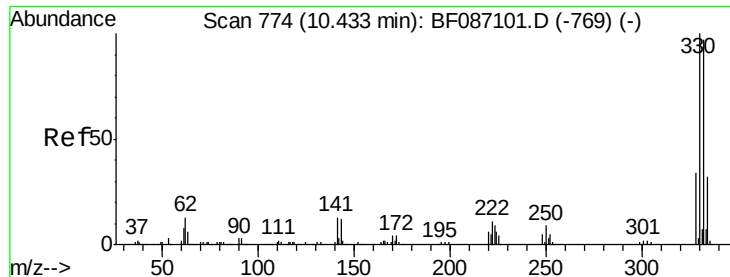
Tgt Ion: 82 Resp: 1033918
 Ion Ratio Lower Upper
 82 100
 128 46.7 40.6 61.0
 54 61.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087289.D
 Acq: 22 May 2016 14:23

Tgt Ion: 164 Resp: 232326
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.8 124.2
 160 46.8 36.9 55.3

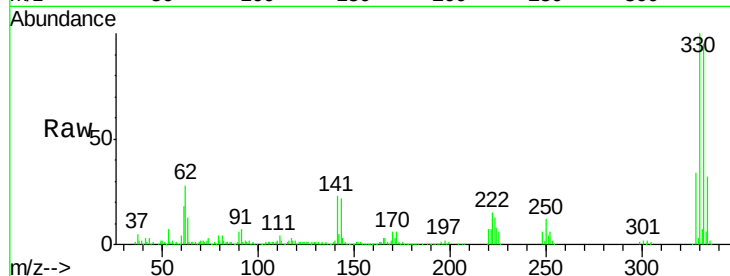




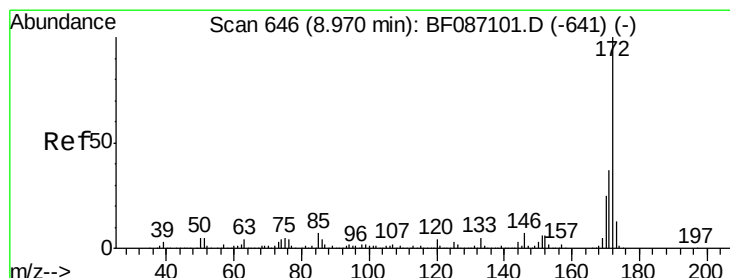
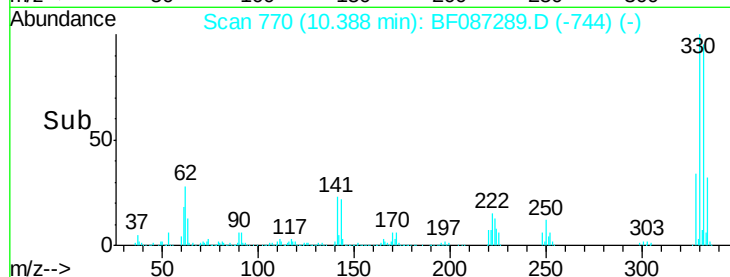
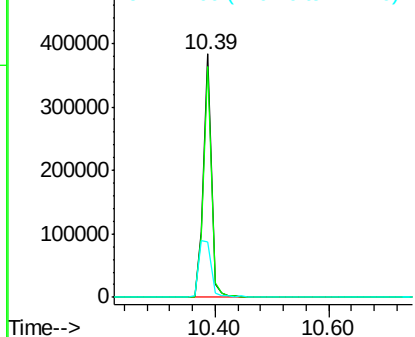
#41
 2,4,6-Tribromophenol
 Concen: 141.71 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087289.D
 Acq: 22 May 2016 14:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tgt Ion:330 Resp: 363824
 Ion Ratio Lower Upper
 330 100
 332 95.1 79.0 118.4
 141 36.4 31.2 46.8

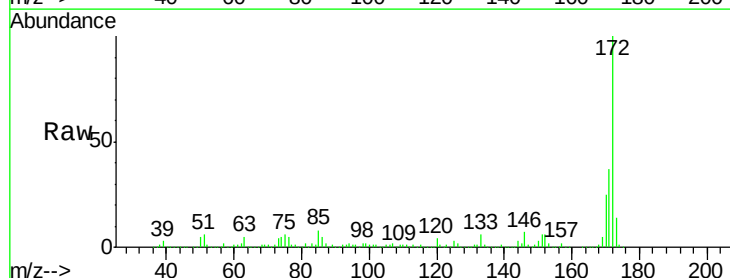


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

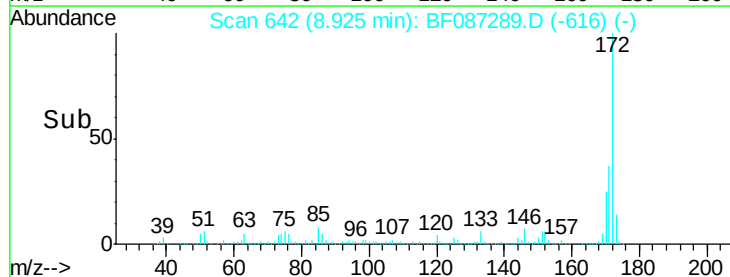
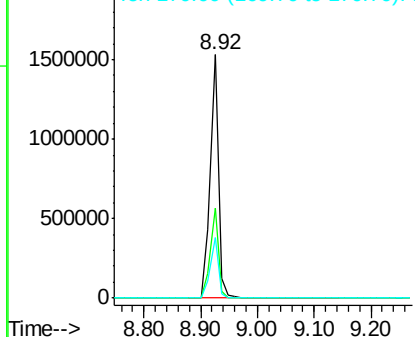


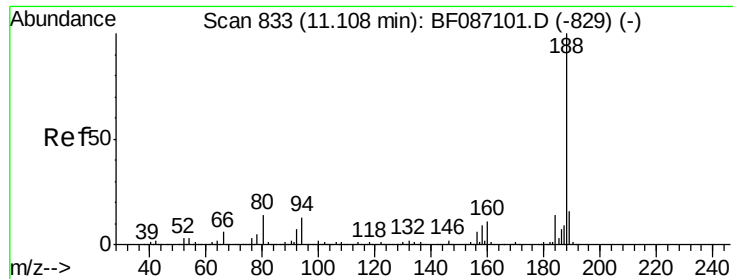
#44
 2-Fluorobiphenyl
 Concen: 104.61 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087289.D
 Acq: 22 May 2016 14:23

Tgt Ion:172 Resp: 1467517
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 24.8 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

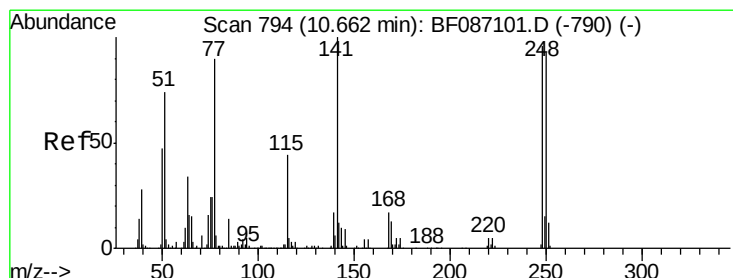
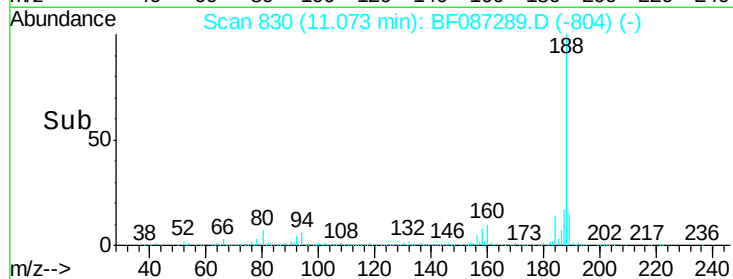
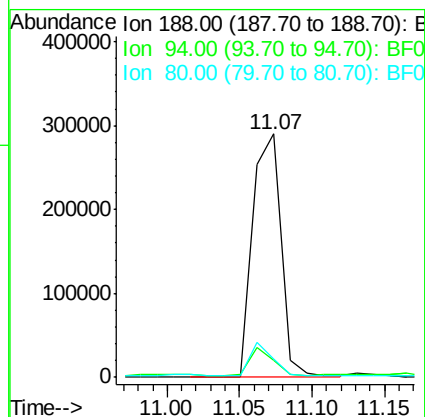
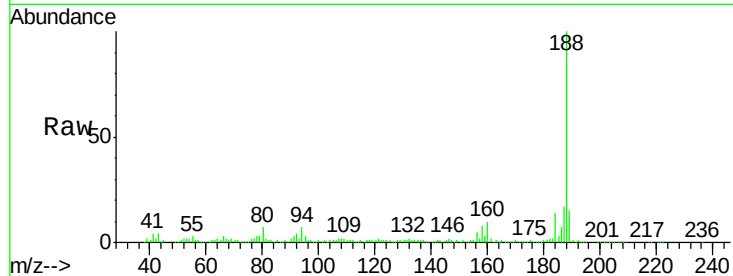




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF087289.D
 Acq: 22 May 2016 14:23

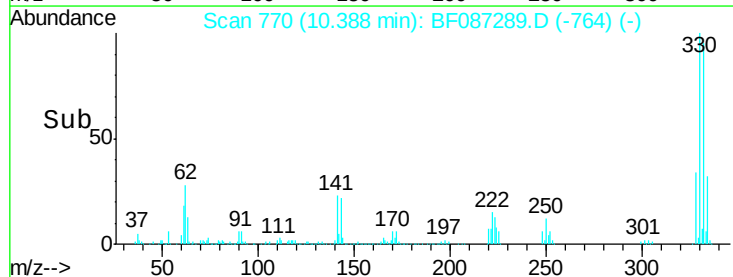
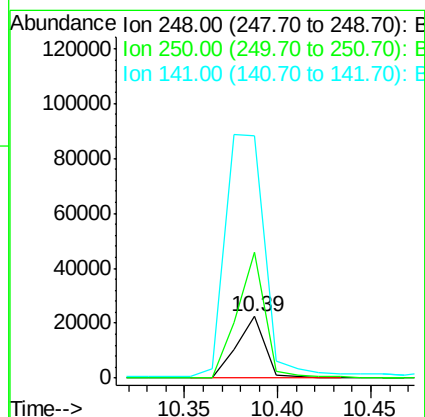
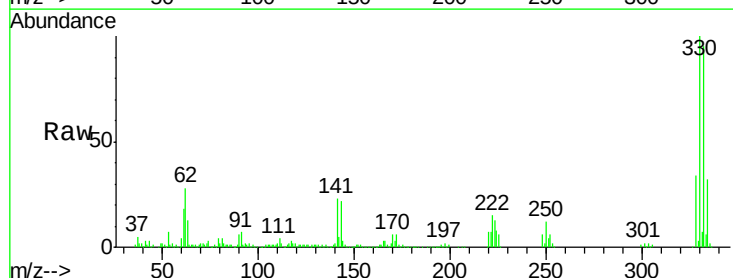
Instrument :
 BNA_F
 ClientSampleId :
 MW-19

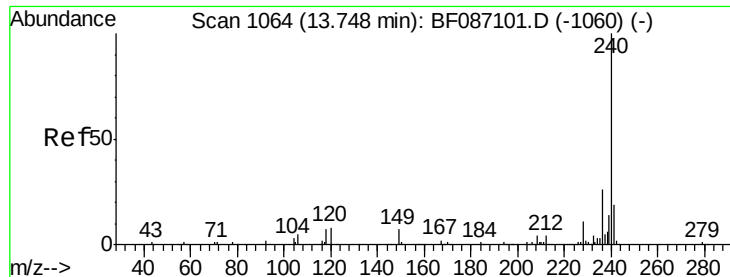
Tgt Ion:188 Resp: 392783
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.8 10.2
 80 7.3 7.1 10.7



#66
 4-Bromophenyl-phenylether
 Concen: 5.91 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.23 min
 Lab File: BF087289.D
 Acq: 22 May 2016 14:23

Tgt Ion:248 Resp: 23855
 Ion Ratio Lower Upper
 248 100
 250 204.2 78.6 117.8#
 141 392.4 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: BF087289.D

Acq: 22 May 2016 14:23

Instrument :

BNA_F

ClientSampleId :

MW-19

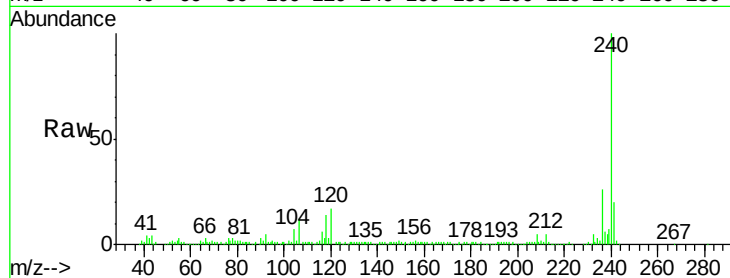
Tgt Ion:240 Resp: 255233

Ion Ratio Lower Upper

240 100

120 16.6 11.2 16.8

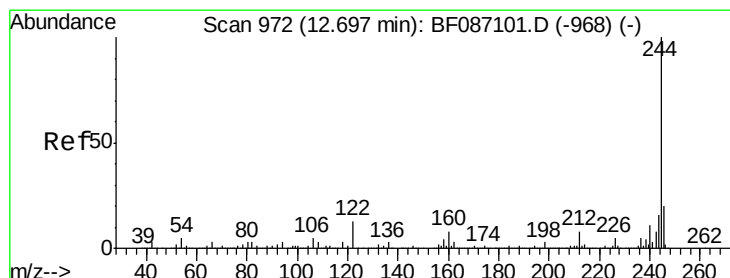
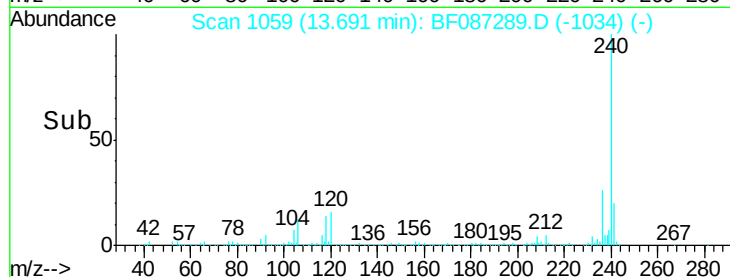
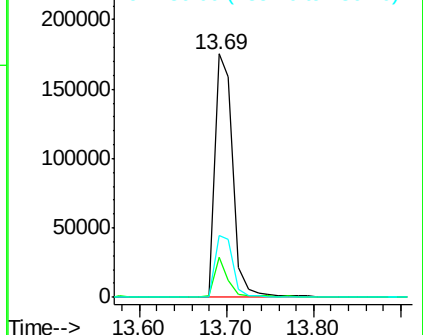
236 25.6 21.2 31.8



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: 90.15 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087289.D

Acq: 22 May 2016 14:23

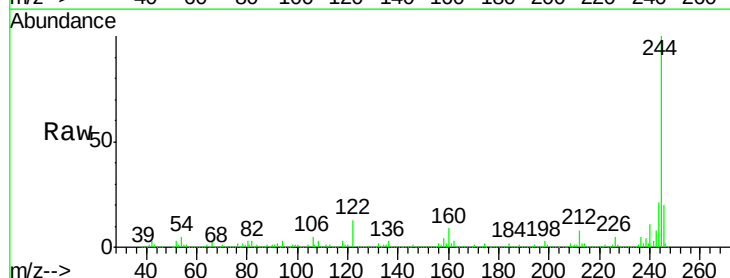
Tgt Ion:244 Resp: 1017190

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

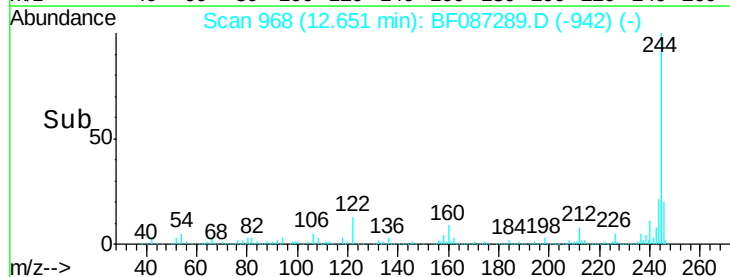
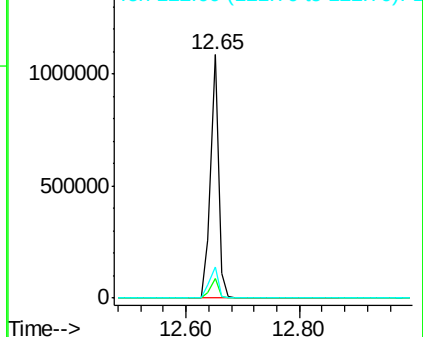
122 13.0 12.0 18.0

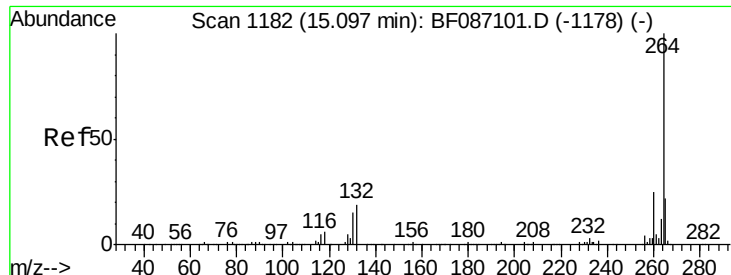


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

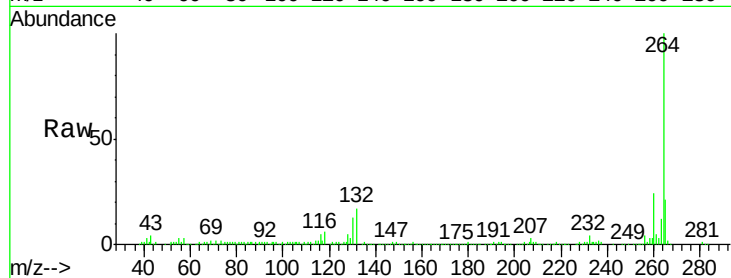




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF087289.D
Acq: 22 May 2016 14:23

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.9	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

