

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087292.D
 Acq On : 22 May 2016 15:50
 Operator : UM/SJ
 Sample : H3172-08
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: May 23 03:38:38 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

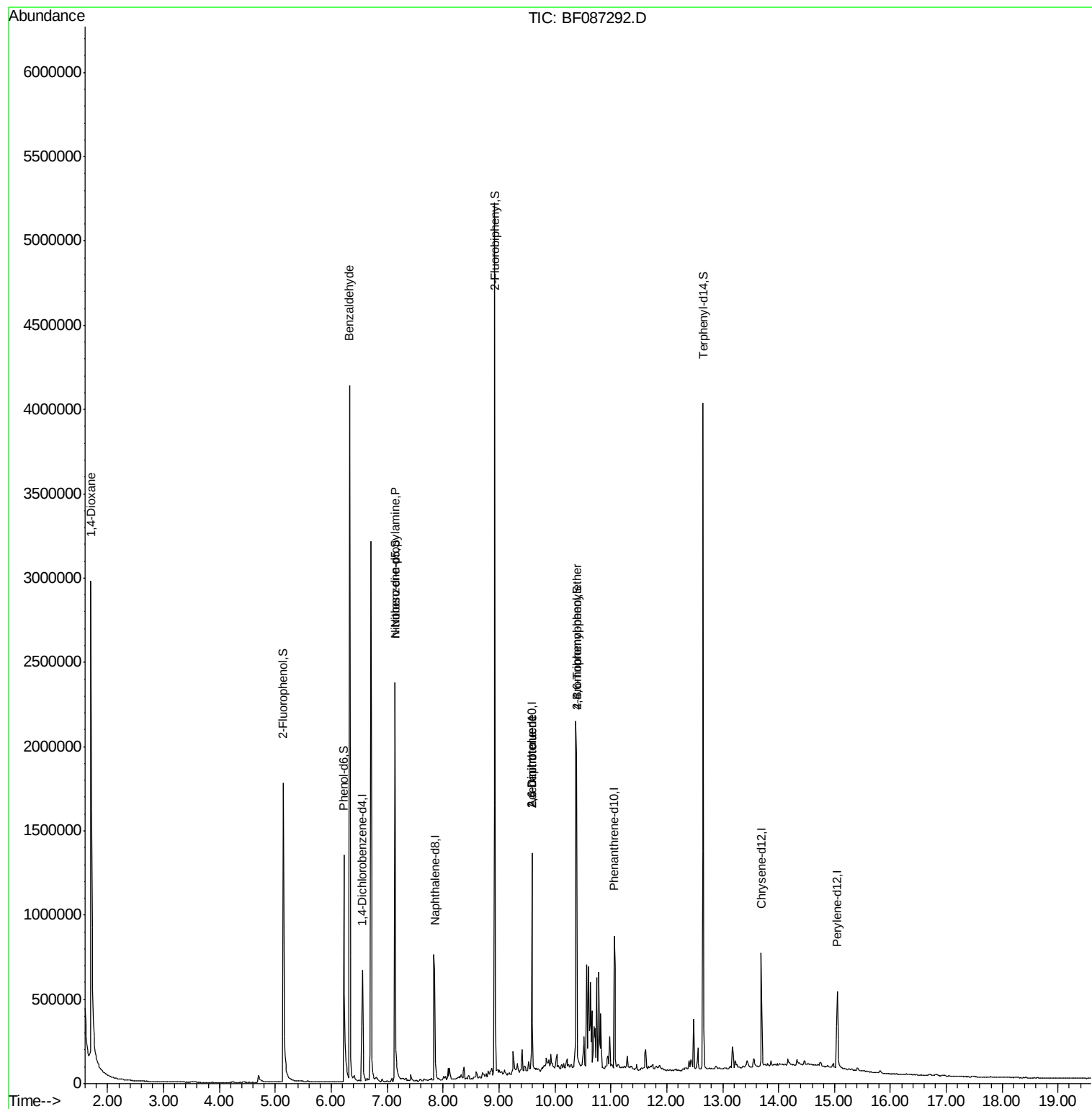
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	117784	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	490958	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	232844	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	379197	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	260610	20.00	ng	-0.01
86) Perylene-d12	15.05	264	217695	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	561486	80.13	ng	0.01
7) Phenol-d6	6.23	99	503484	53.57	ng	0.00
23) Nitrobenzene-d5	7.14	82	1050985	106.69	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	360579	140.14	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1501447	106.79	ng	0.00
78) Terphenyl-d14	12.65	244	1159456	100.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.70	88	101124	28.05	ng	# 22
9) Benzaldehyde	6.33	77	27697	4.12	ng	# 76
19) n-Nitroso-di-n-propylamine	7.14	70	151684	21.23	ng	# 82
50) 2,6-Dinitrotoluene	9.59	165	30672	7.95	ng	# 21
55) 4-Nitrophenol	9.78	139	336	Below Cal		# 1
56) 2,4-Dinitrotoluene	9.59	165	30673	6.21	ng	# 17
66) 4-Bromophenyl-phenylether	10.39	248	23149	5.94	ng	# 1

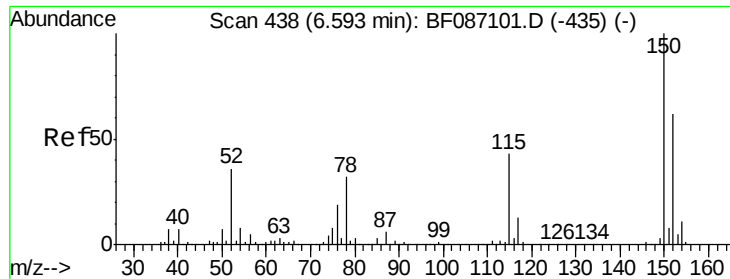
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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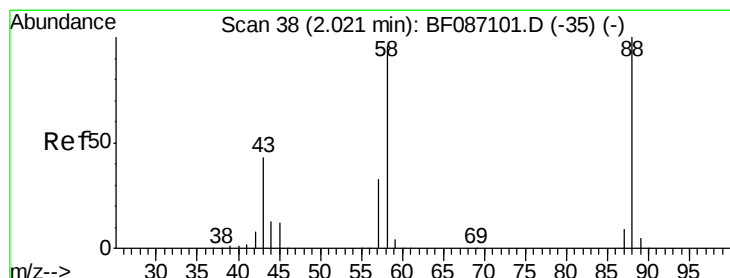
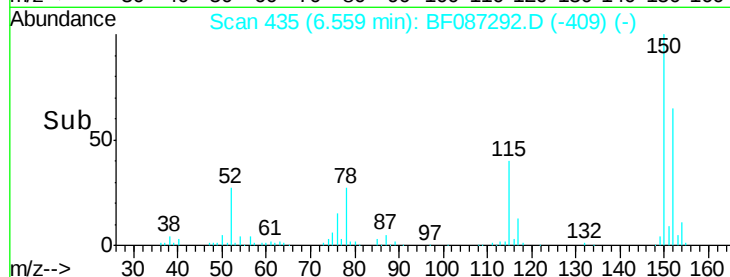
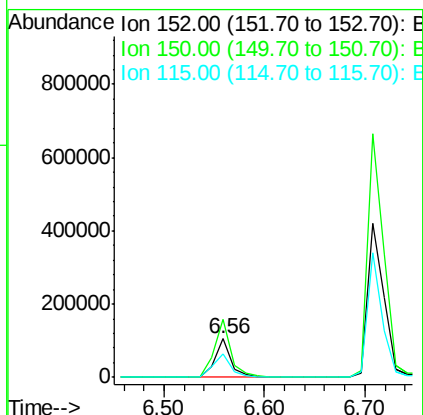
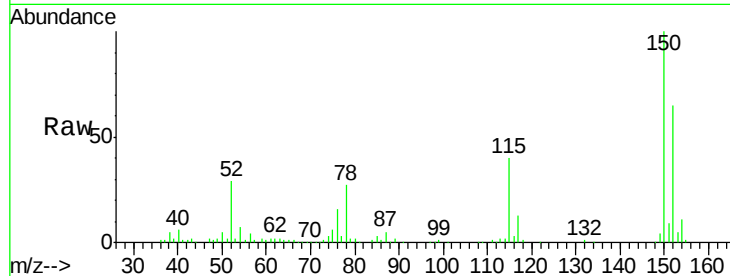


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Instrument :
BNA_F
ClientSampleId :
MW-14

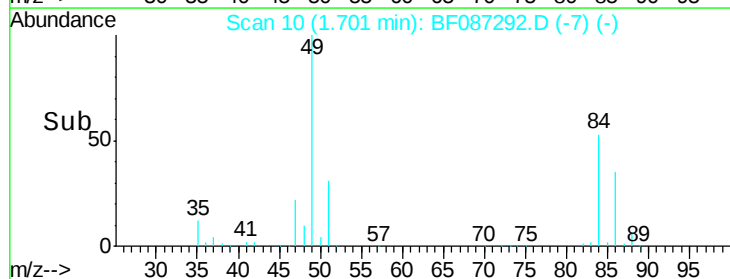
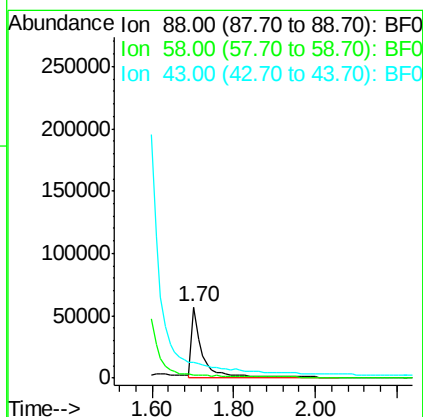
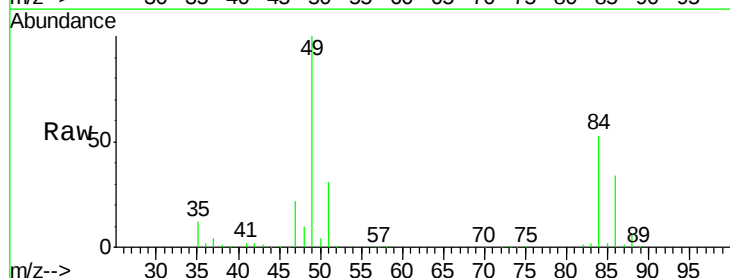
Tgt Ion: 152 Resp: 117784
Ion Ratio Lower Upper
152 100
150 153.0 125.8 188.6
115 60.5 51.5 77.3

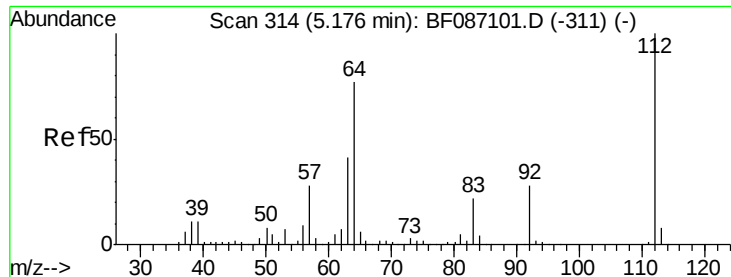


#2

1,4-Dioxane
Concen: 28.05 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.26 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion: 88 Resp: 101124
Ion Ratio Lower Upper
88 100
58 0.0 59.6 89.4#
43 0.0 21.8 32.6#





#5

2-Fluorophenol

Concen: 80.13 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.01 min

Lab File: BF087292.D

Acq: 22 May 2016 15:50

Instrument :

BNA_F

ClientSampled :

MW-14

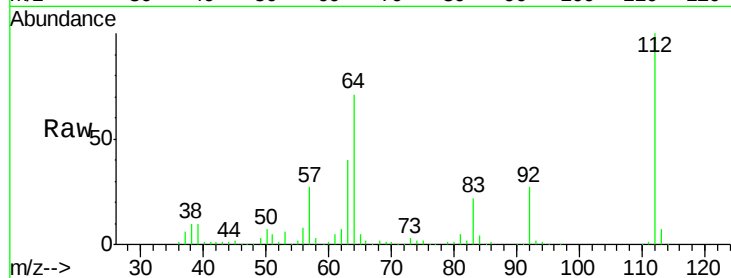
Tgt Ion: 112 Resp: 561486

Ion Ratio Lower Upper

112 100

64 71.1 52.1 78.1

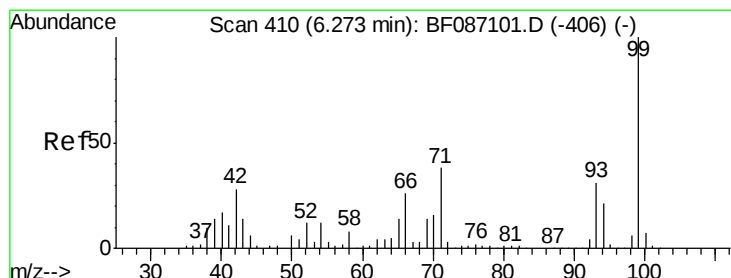
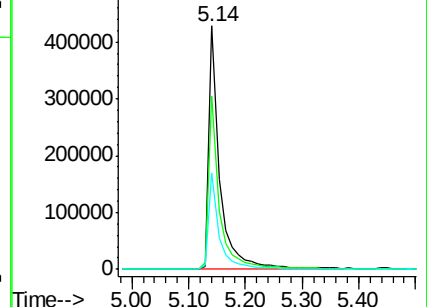
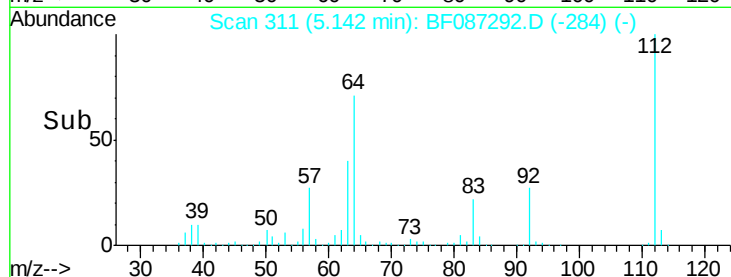
63 39.5 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 53.57 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF087292.D

Acq: 22 May 2016 15:50

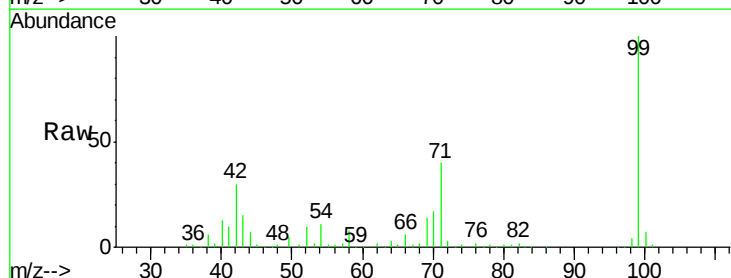
Tgt Ion: 99 Resp: 503484

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

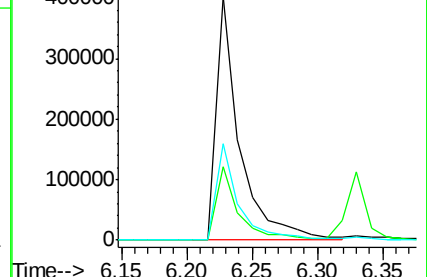
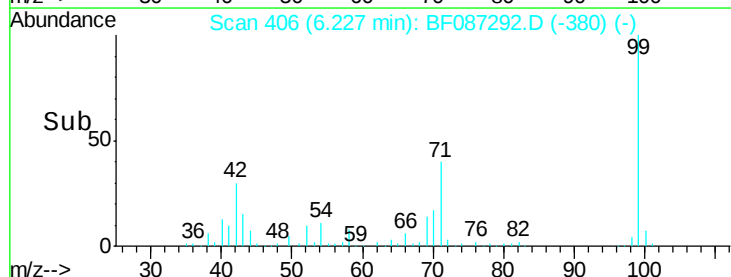
71 39.8 24.6 36.8#

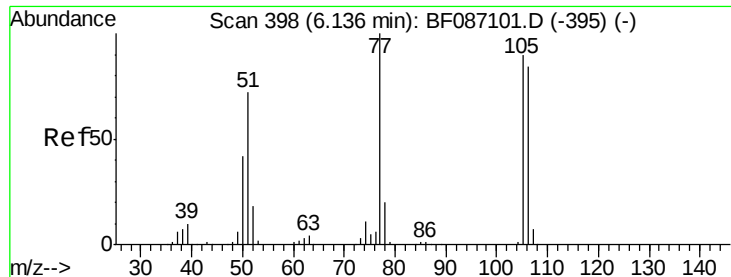


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 4.12 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF087292.D

Acq: 22 May 2016 15:50

Instrument :

BNA_F

ClientSampled :

MW-14

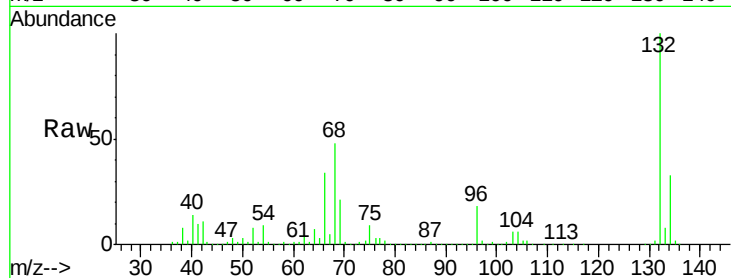
Tgt Ion: 77 Resp: 27697

Ion Ratio Lower Upper

77 100

105 74.7 72.7 112.7

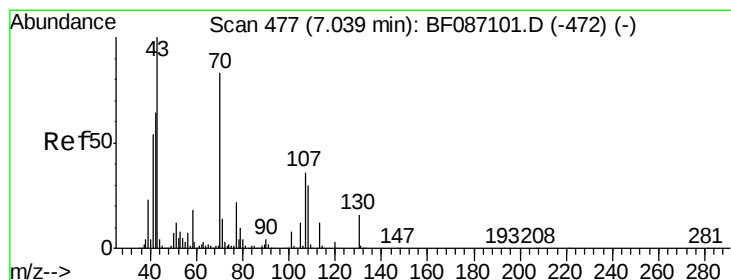
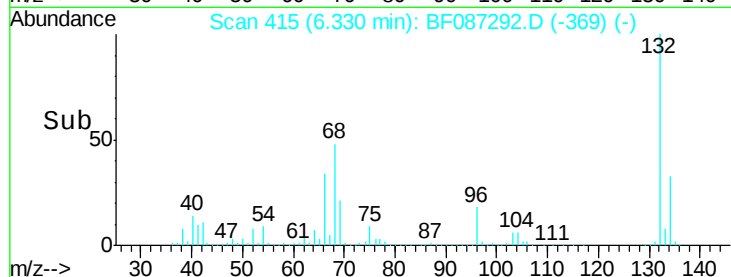
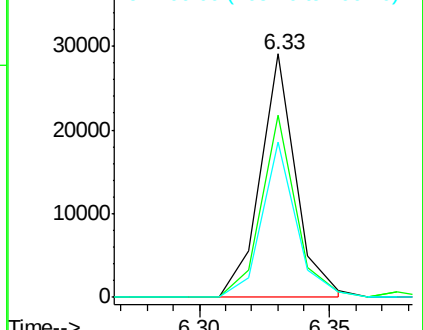
106 63.8 70.8 110.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 21.23 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.15 min

Lab File: BF087292.D

Acq: 22 May 2016 15:50

Tgt Ion: 70 Resp: 151684

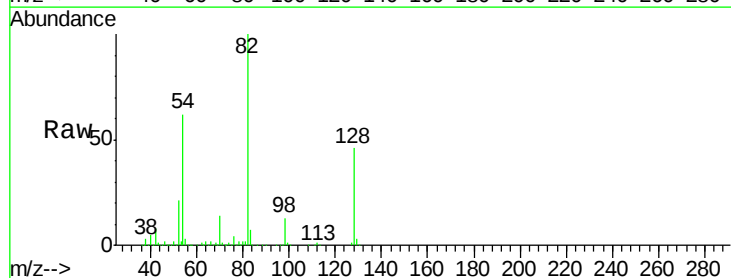
Ion Ratio Lower Upper

70 100

42 58.4 43.1 64.7

101 0.0 8.1 12.1#

130 2.4 18.6 28.0#

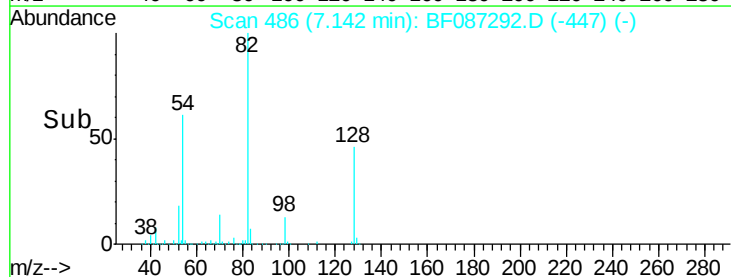
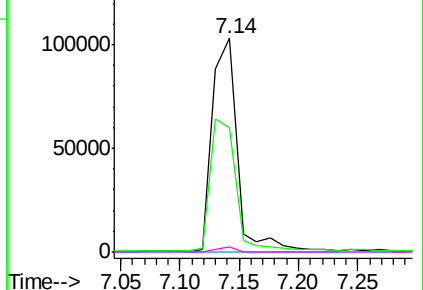


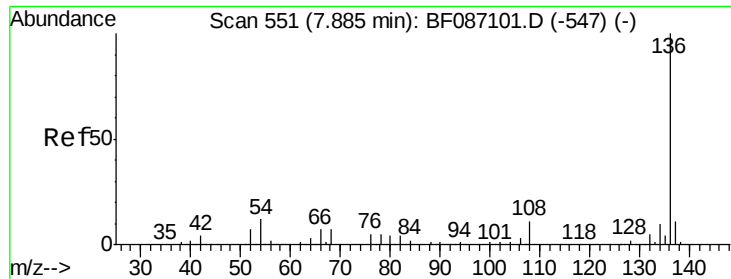
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

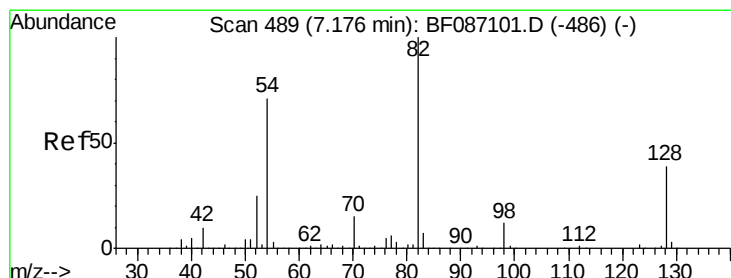
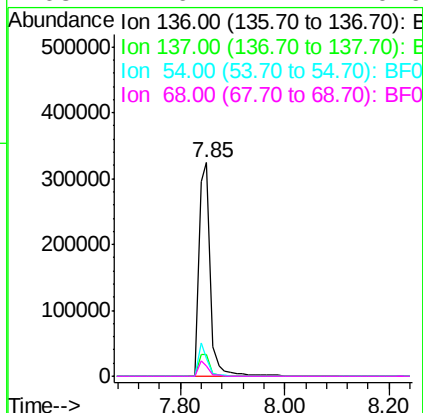
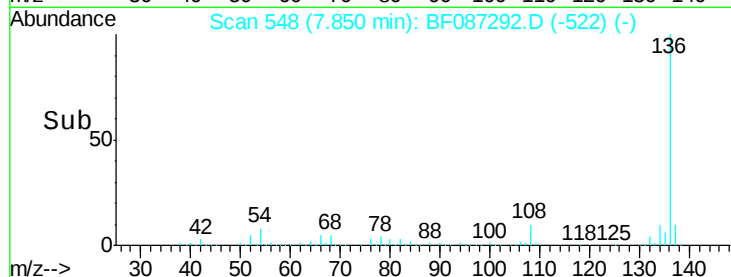
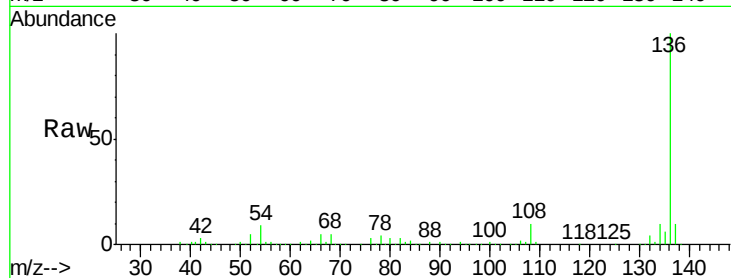




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

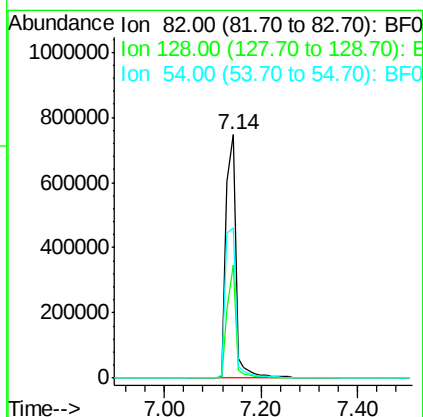
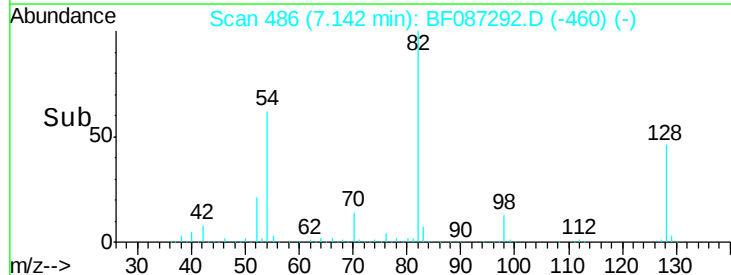
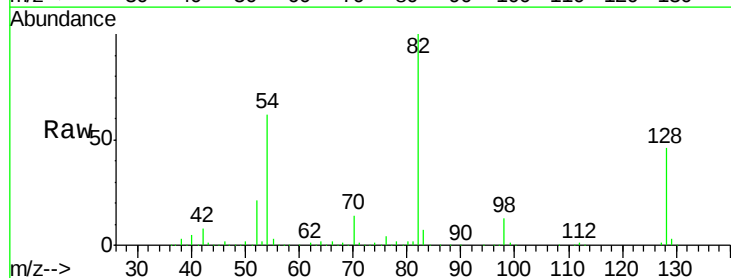
Instrument :
BNA_F
ClientSampleId :
MW-14

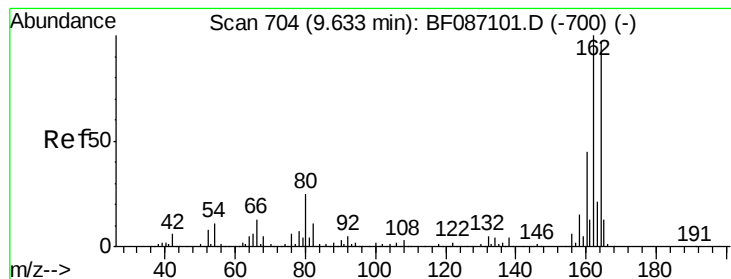
Tgt Ion:	136	Resp:	490958
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.6	5.0	7.4#
68	4.6	4.4	6.6



#23
Nitrobenzene-d5
Concen: 106.69 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion:	82	Resp:	1050985
Ion	Ratio	Lower	Upper
82	100		
128	46.5	40.6	61.0
54	61.6	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: BF087292.D

Acq: 22 May 2016 15:50

Instrument :

BNA_F

ClientSampleId :

MW-14

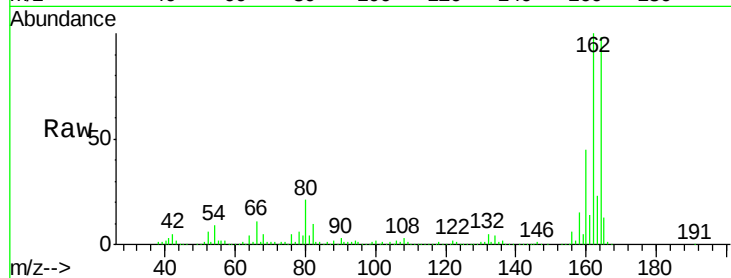
Tgt Ion:164 Resp: 232844

Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

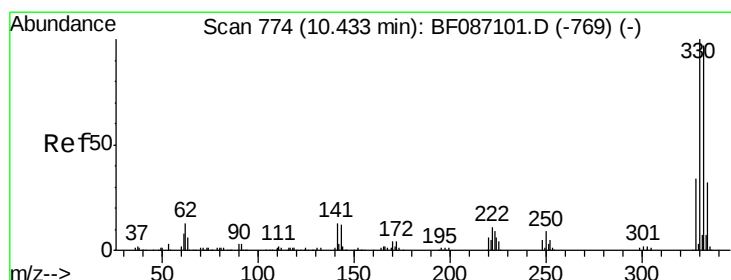
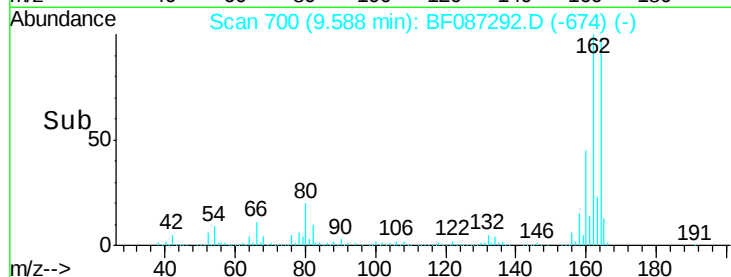
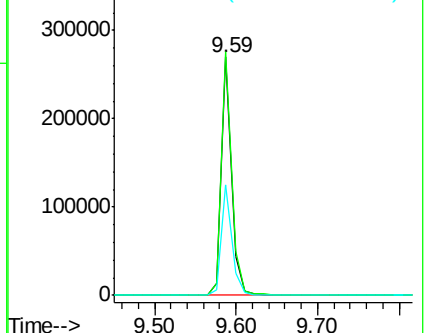
160 46.2 36.9 55.3



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: 140.14 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF087292.D

Acq: 22 May 2016 15:50

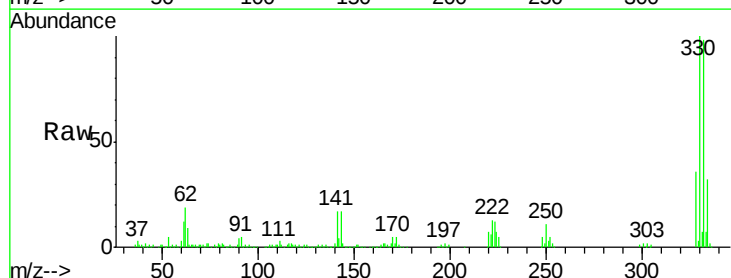
Tgt Ion:330 Resp: 360579

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

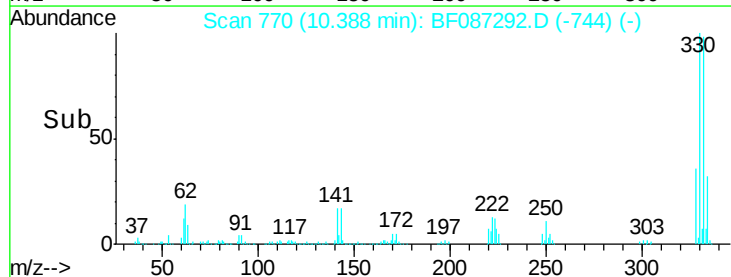
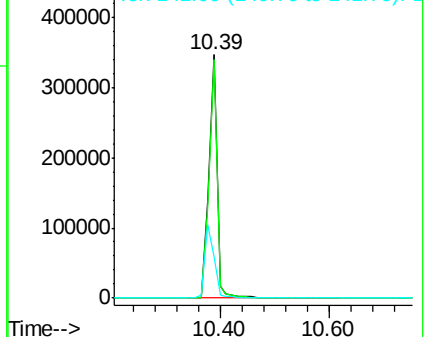
141 34.8 31.2 46.8

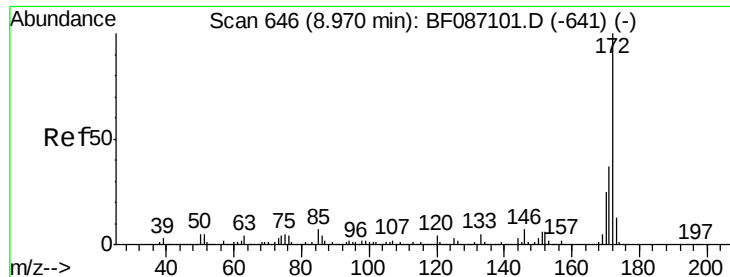


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

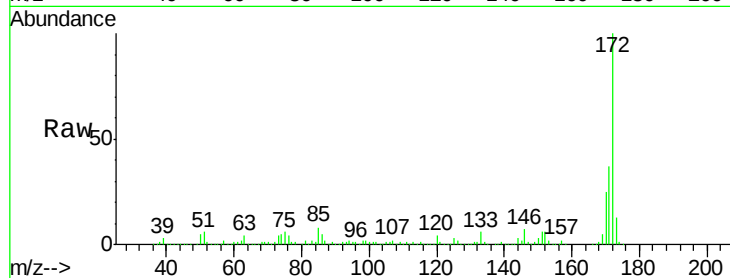




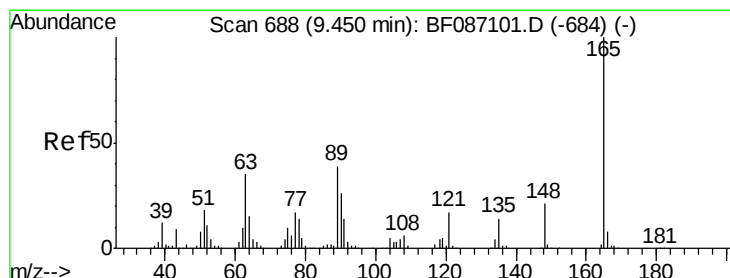
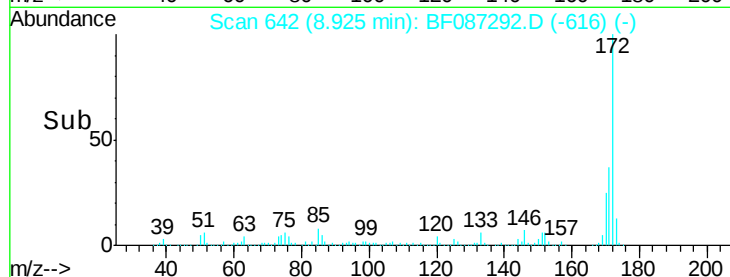
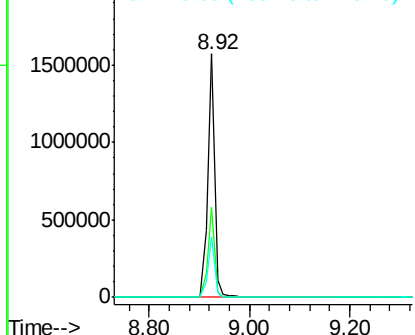
#44
 2-Fluorobiphenyl
 Concen: 106.79 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087292.D
 Acq: 22 May 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tgt Ion:172 Resp: 1501447
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.1 19.8 29.8

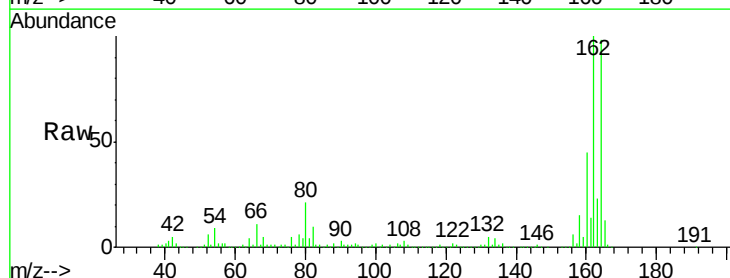


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

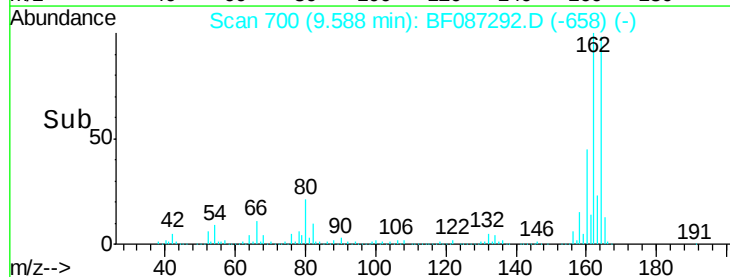
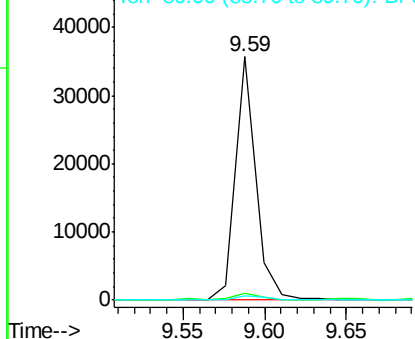


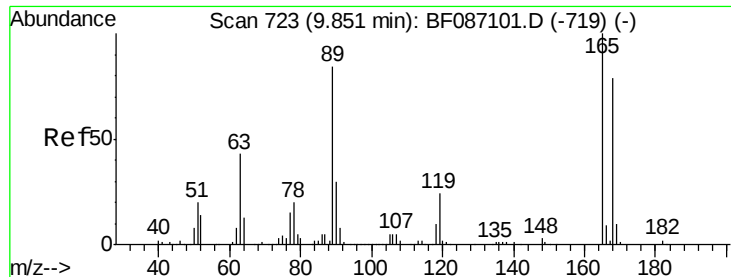
#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF087292.D
 Acq: 22 May 2016 15:50

Tgt Ion:165 Resp: 30672
 Ion Ratio Lower Upper
 165 100
 63 2.7 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

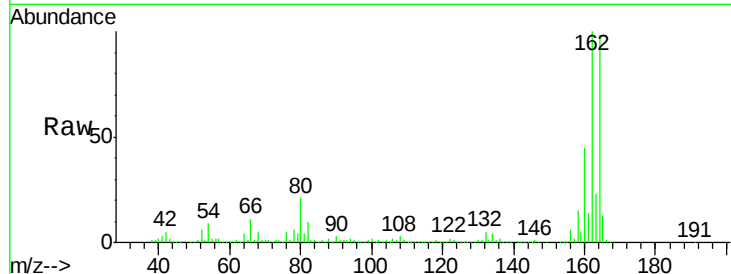




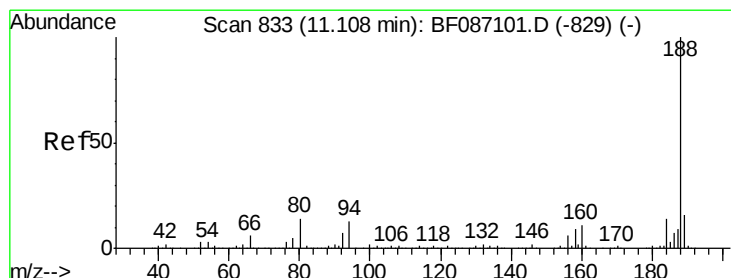
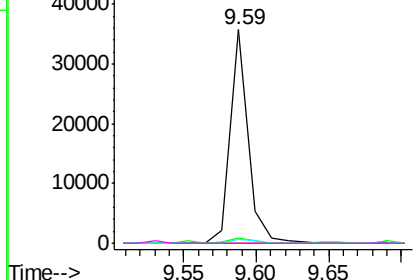
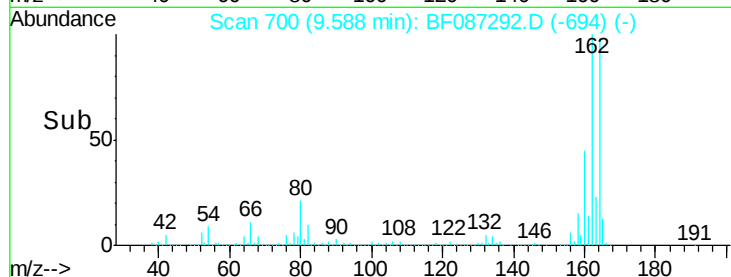
#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.23 min
 Lab File: BF087292.D
 Acq: 22 May 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tgt Ion:165 Resp: 30673
 Ion Ratio Lower Upper
 165 100
 63 2.7 44.3 66.5#
 89 1.9 70.0 105.0#
 182 0.0 1.8 2.6#

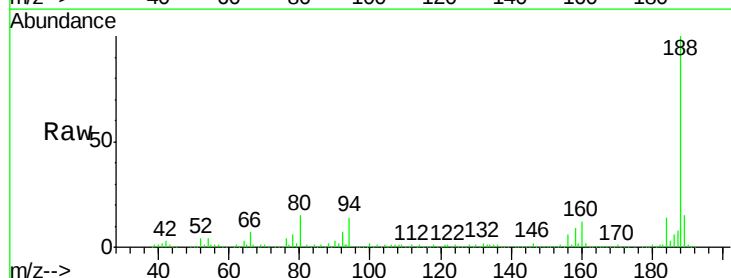


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

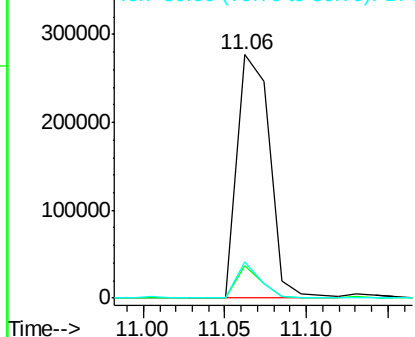
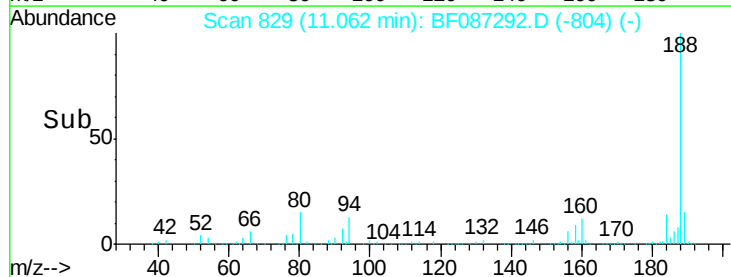


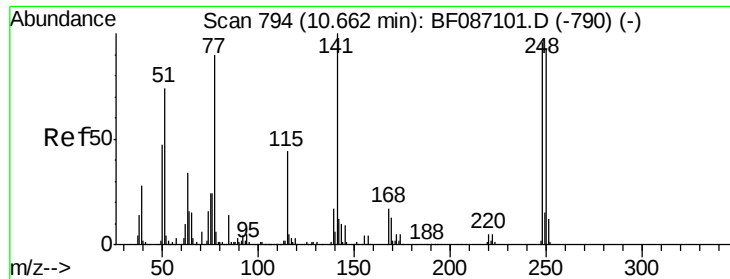
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF087292.D
 Acq: 22 May 2016 15:50

Tgt Ion:188 Resp: 379197
 Ion Ratio Lower Upper
 188 100
 94 13.5 6.8 10.2#
 80 15.1 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

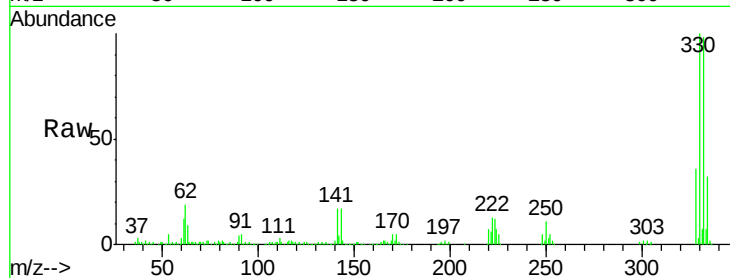




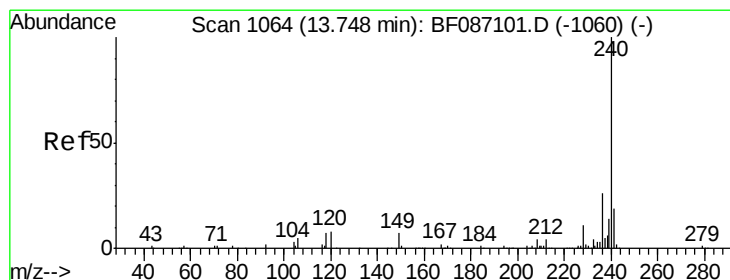
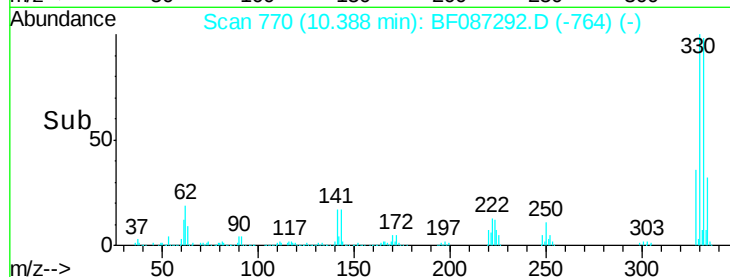
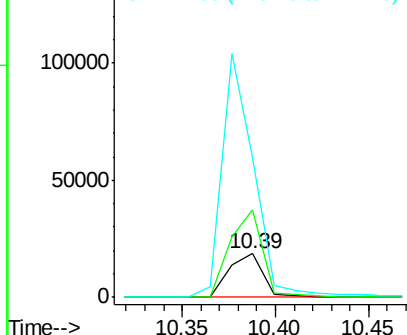
#66
4-Bromophenyl-phenylether
Concen: 5.94 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.23 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Instrument :
BNA_F
ClientSampled :
MW-14

Tgt Ion: 248 Resp: 23149
Ion Ratio Lower Upper
248 100
250 200.3 78.6 117.8#
141 321.4 76.0 114.0#

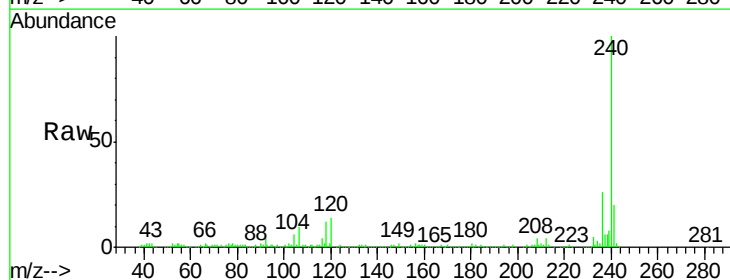


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

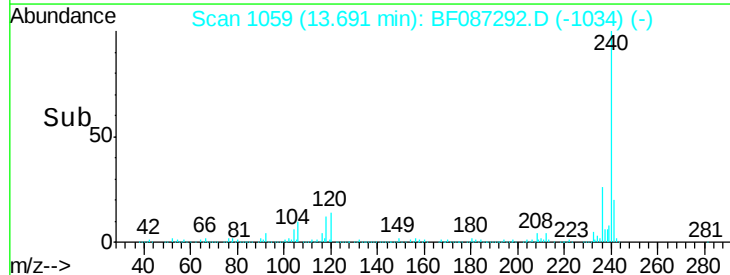
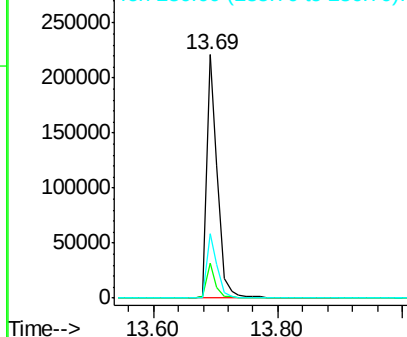


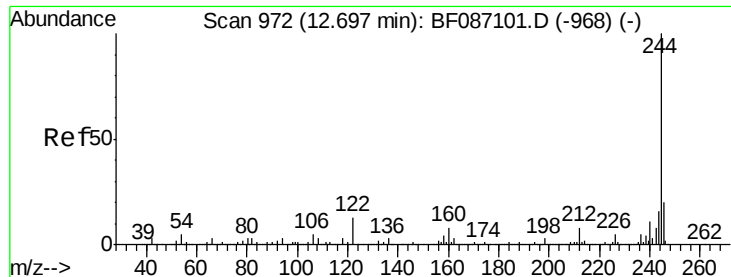
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087292.D
Acq: 22 May 2016 15:50

Tgt Ion: 240 Resp: 260610
Ion Ratio Lower Upper
240 100
120 14.2 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: 100.64 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087292.D

Acq: 22 May 2016 15:50

Instrument :

BNA_F

ClientSampleId :

MW-14

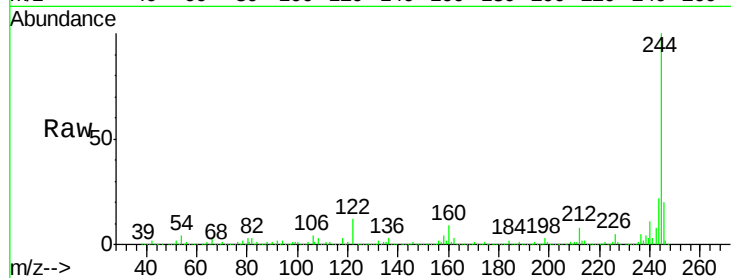
Tgt Ion:244 Resp: 1159456

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

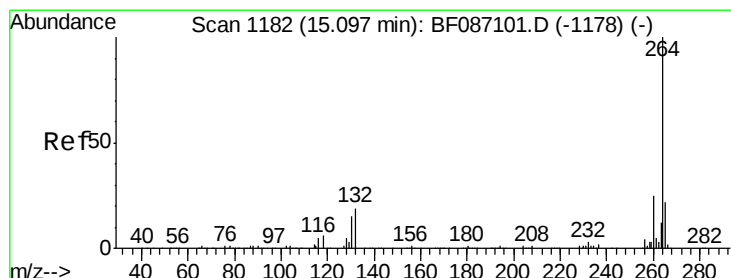
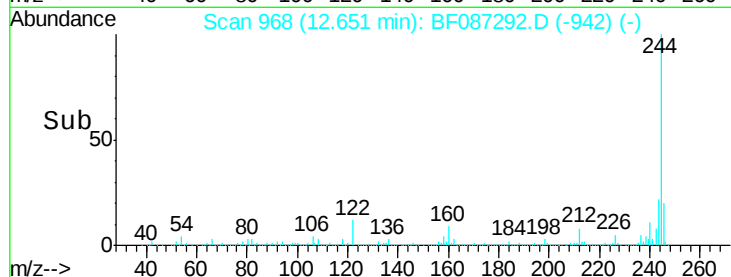
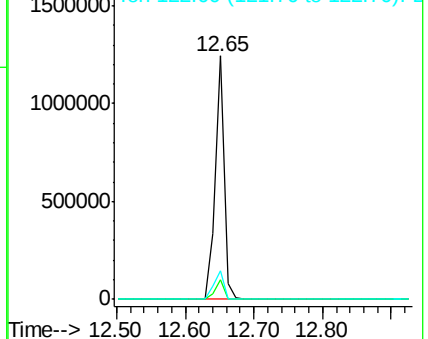
122 12.0 12.0 18.0#



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: BF087292.D

Acq: 22 May 2016 15:50

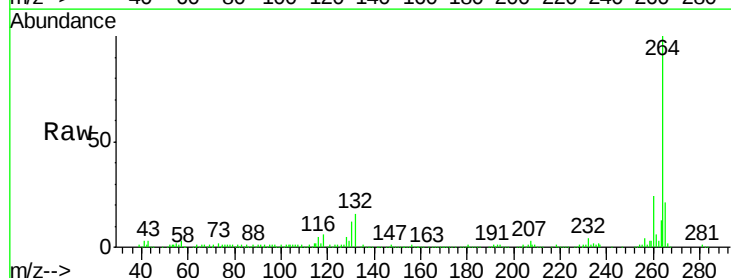
Tgt Ion:264 Resp: 217695

Ion Ratio Lower Upper

264 100

260 23.9 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

