

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
 Data File : BF084432.D
 Acq On : 13 Jan 2016 1:56
 Operator : SJ/UM
 Sample : H1078-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11S

Quant Time: Jan 13 04:48:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

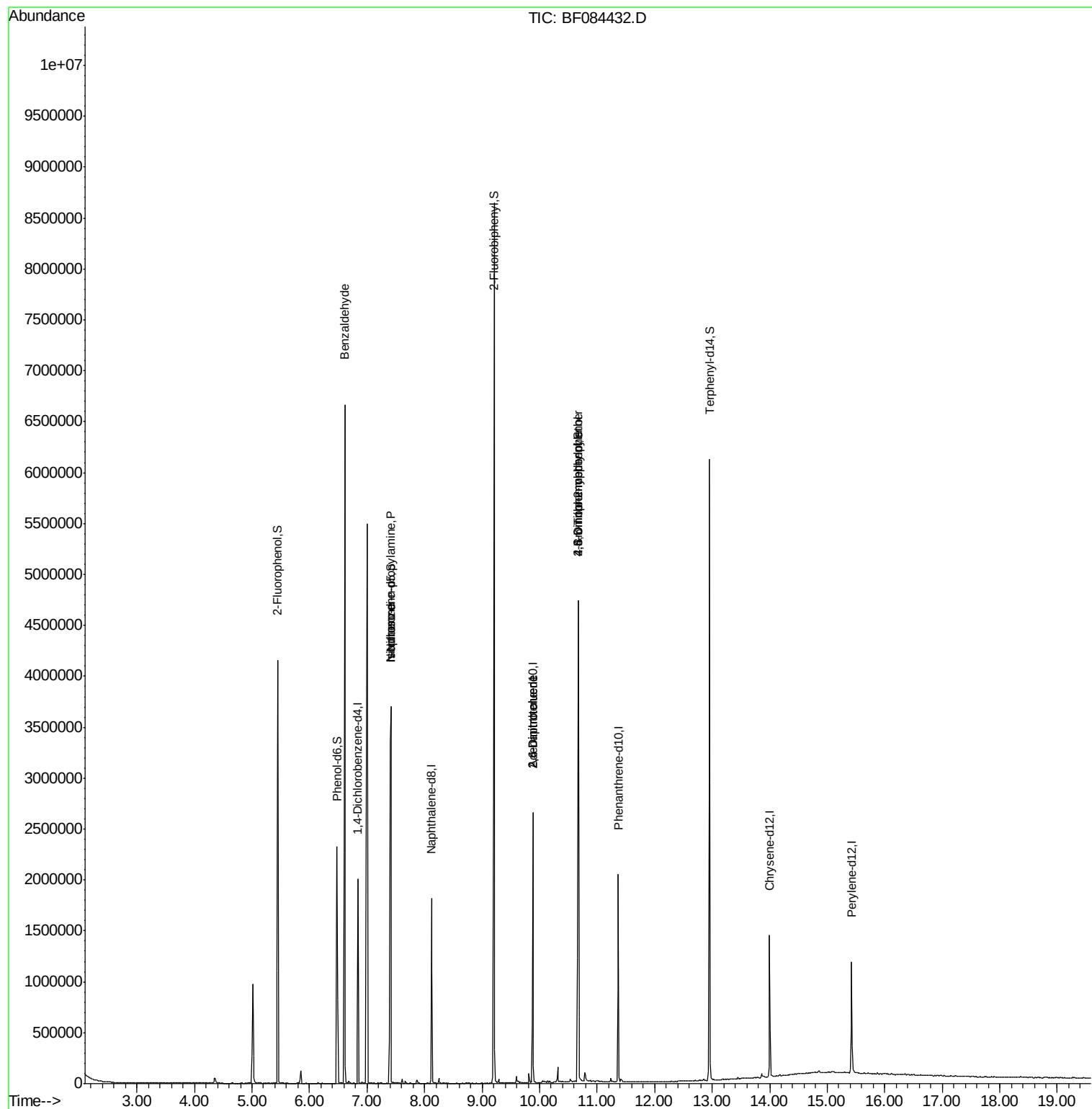
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	271015	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1025930	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	494834	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	816003	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	494157	20.00	ng	-0.07
86) Perylene-d12	15.43	264	468092	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1071339	63.94	ng	-0.04
7) Phenol-d6	6.48	99	810426	38.51	ng	-0.06
23) Nitrobenzene-d5	7.41	82	1749475	94.91	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	528624	105.81	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2515546	89.79	ng	-0.06
78) Terphenyl-d14	12.96	244	2050902	92.64	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.61	77	41927	3.06	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.41	70	233461	16.39	ng	# 78
25) Isophorone	7.41	82	1648953	46.77	ng	# 66
50) 2,6-Dinitrotoluene	9.88	165	65586	8.45	ng	# 38
54) Dibenzofuran	10.09	168	682	Below Cal	#	71
56) 2,4-Dinitrotoluene	9.88	165	65591	6.68	ng	# 22
57) Fluorene	10.67	166	24893	Below Cal	#	94
64) 4,6-Dinitro-2-methylphenol	10.67	198	1169	6.60	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	33901	3.86	ng	# 1
73) Di-n-butylphthalate	11.93	149	2270	Below Cal	#	79

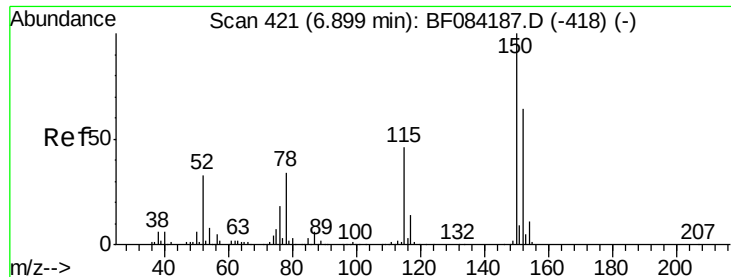
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 04:48:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084432.D

Acq: 13 Jan 2016 1:56

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11S

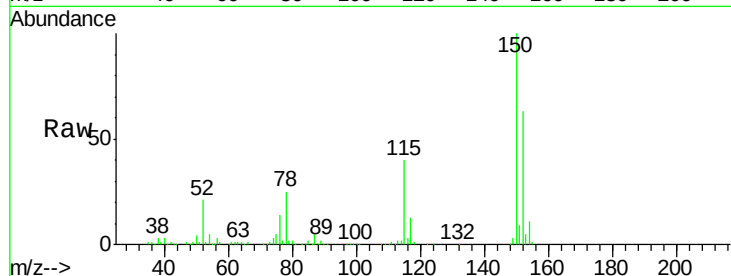
Tgt Ion:152 Resp: 271015

Ion Ratio Lower Upper

152 100

150 159.6 123.0 184.4

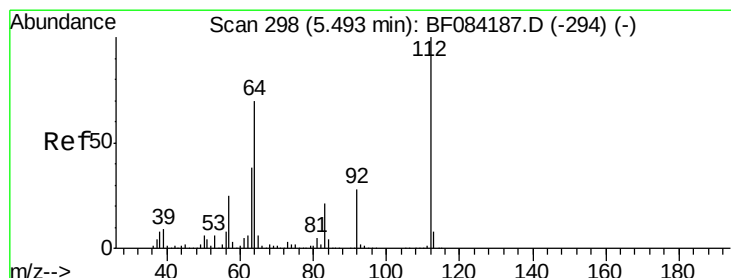
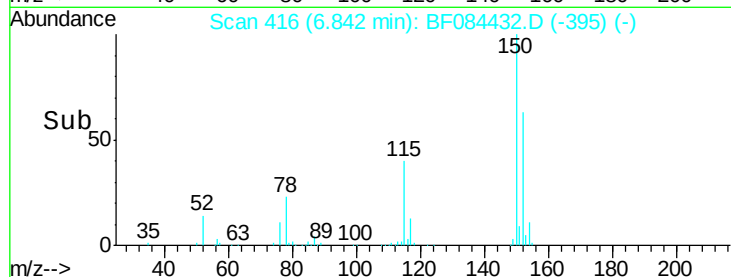
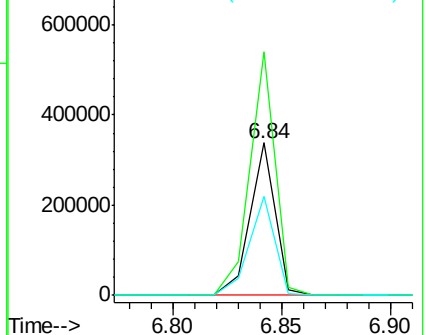
115 64.5 51.4 77.2



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: 63.94 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084432.D

Acq: 13 Jan 2016 1:56

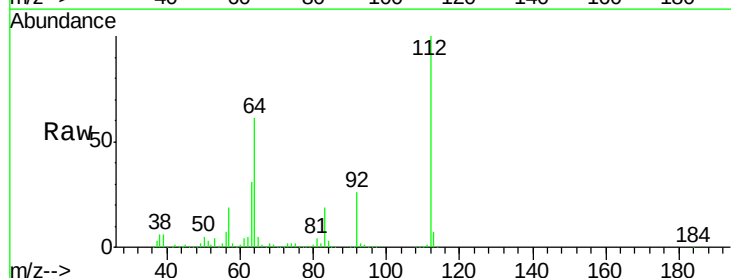
Tgt Ion:112 Resp: 1071339

Ion Ratio Lower Upper

112 100

64 60.9 36.6 55.0#

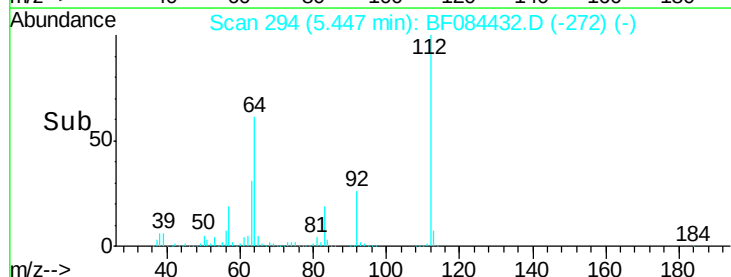
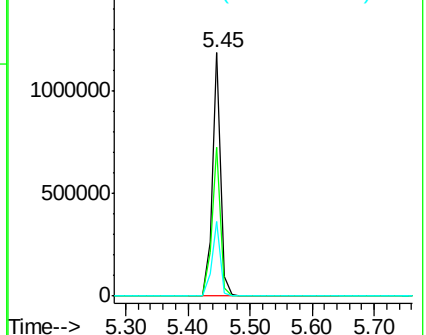
63 30.6 19.4 29.0#

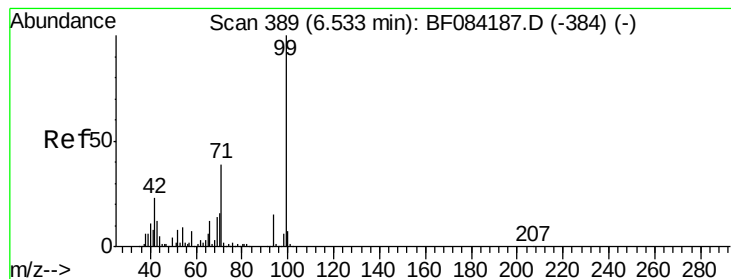


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.51 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084432.D

Acq: 13 Jan 2016 1:56

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11S

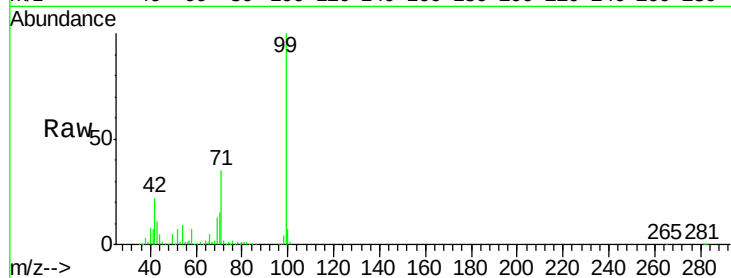
Tgt Ion: 99 Resp: 810426

Ion Ratio Lower Upper

99 100

42 21.6 12.8 19.2#

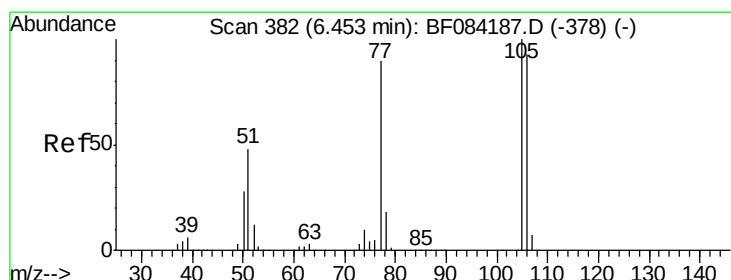
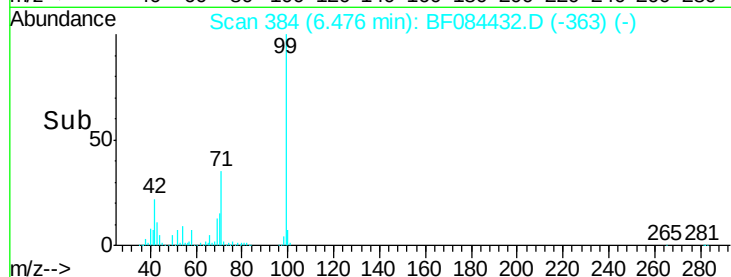
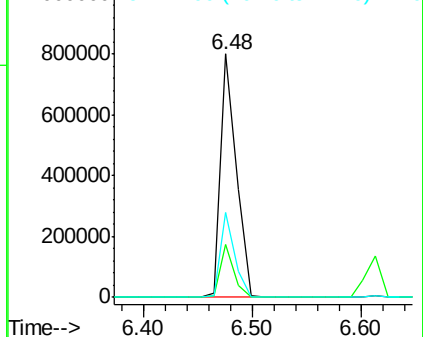
71 35.0 30.9 46.3



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: 3.06 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.16 min

Lab File: BF084432.D

Acq: 13 Jan 2016 1:56

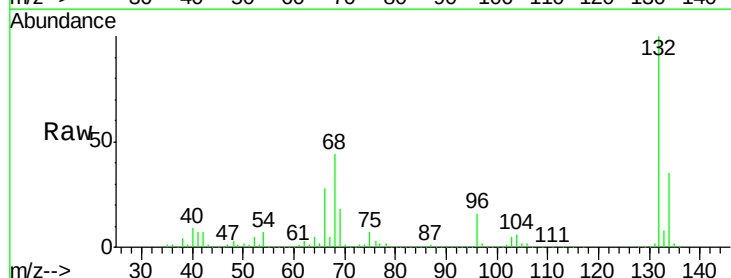
Tgt Ion: 77 Resp: 41927

Ion Ratio Lower Upper

77 100

105 84.1 83.0 123.0

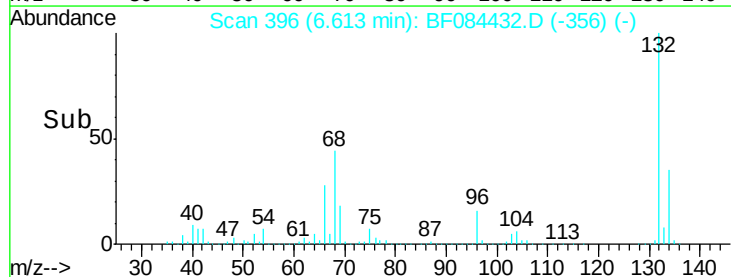
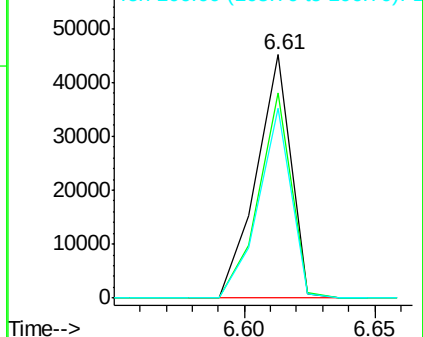
106 78.1 74.6 114.6

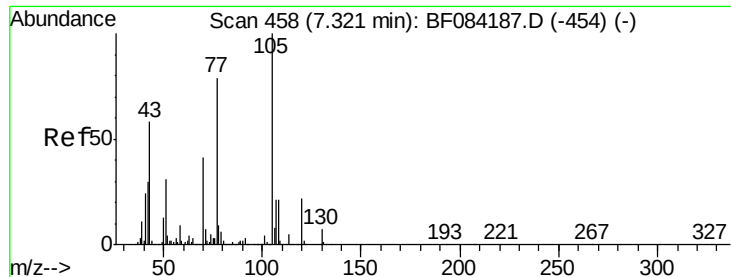


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

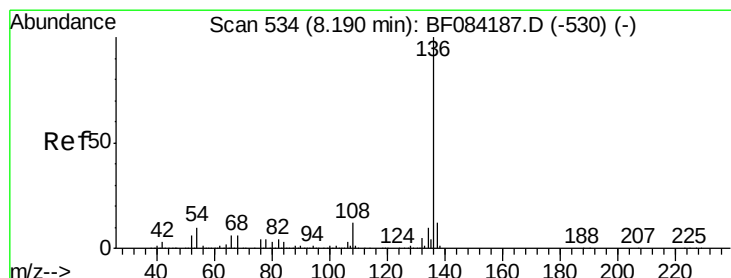
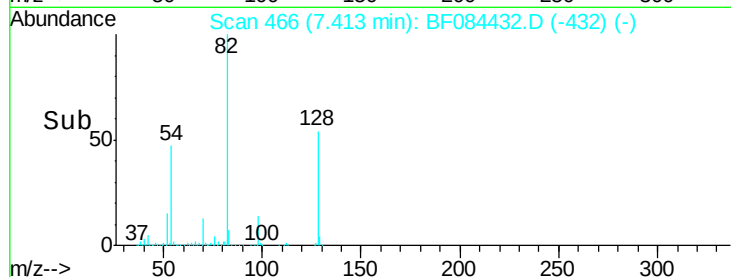
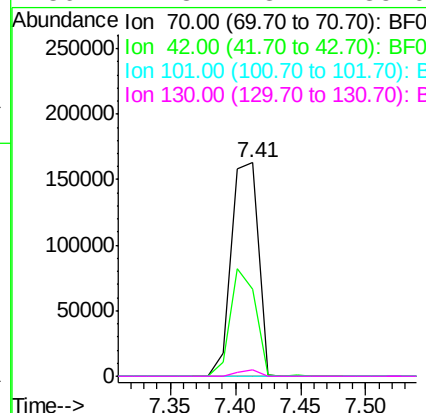
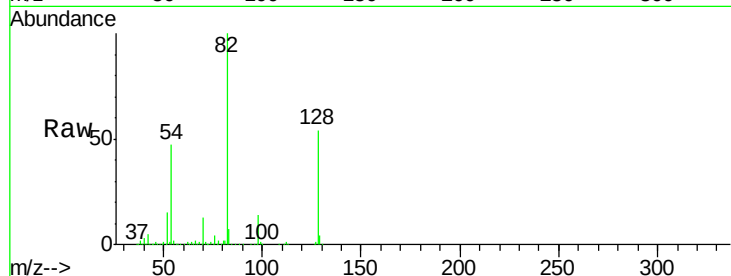




#19
n-Nitroso-di-n-propylamine
Concen: 16.39 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.09 min
Lab File: BF084432.D
Acq: 13 Jan 2016 1:56

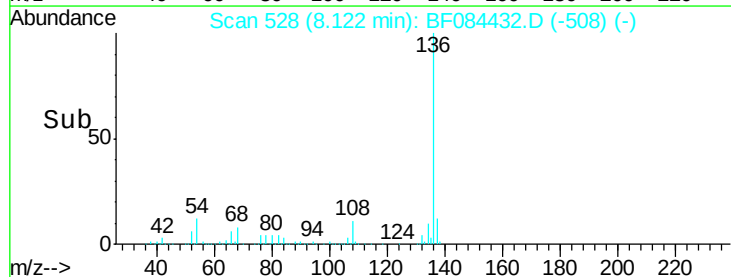
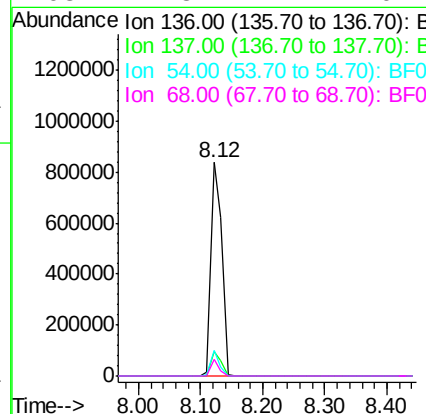
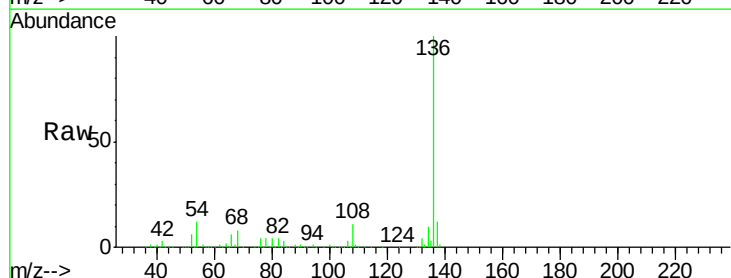
Instrument :
BNA_F
ClientSampleId :
TE-PMW-11S

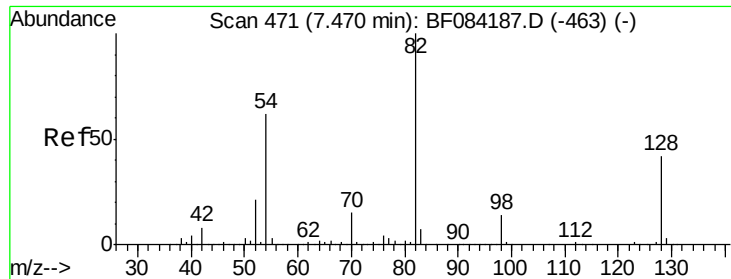
Tgt Ion: 70 Resp: 233461
Ion Ratio Lower Upper
70 100
42 40.8 33.3 49.9
101 0.0 9.3 13.9#
130 2.8 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084432.D
Acq: 13 Jan 2016 1:56

Tgt Ion: 136 Resp: 1025930
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 12.2 5.8 8.8#
68 7.8 4.2 6.2#

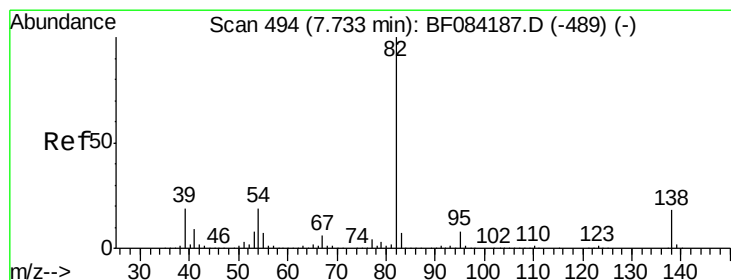
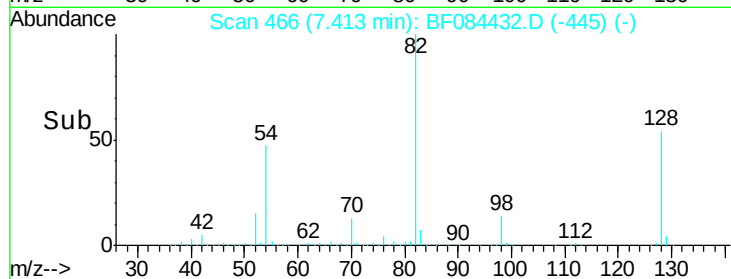
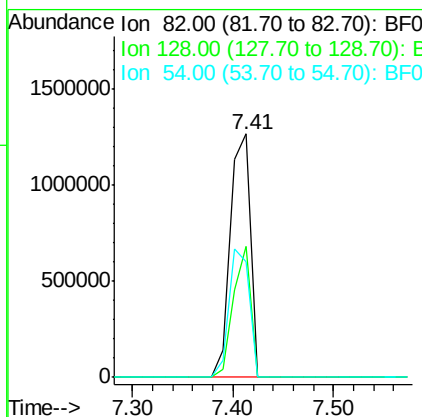
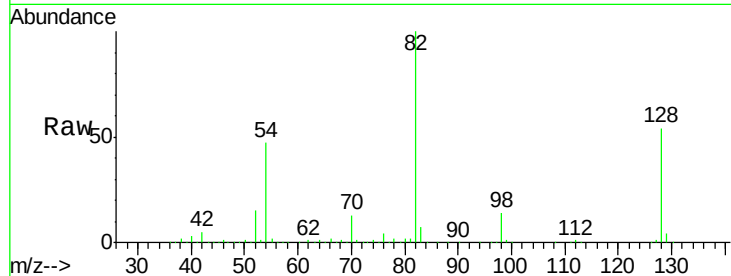




#23
 Nitrobenzene-d5
 Concen: 94.91 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084432.D
 Acq: 13 Jan 2016 1:56

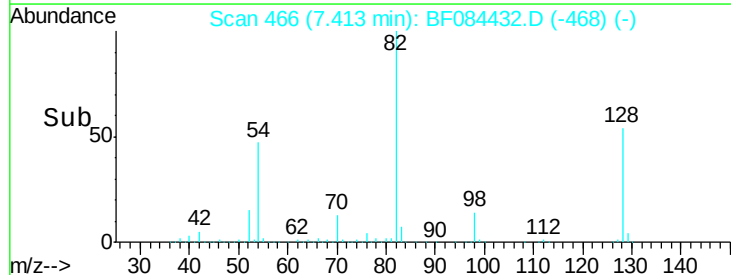
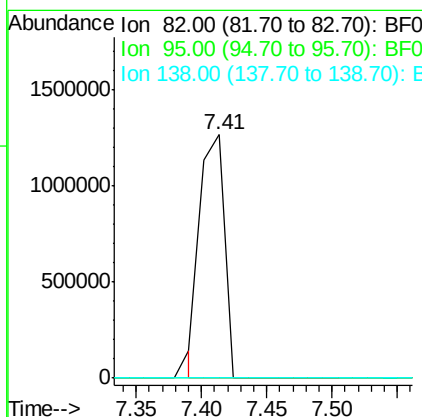
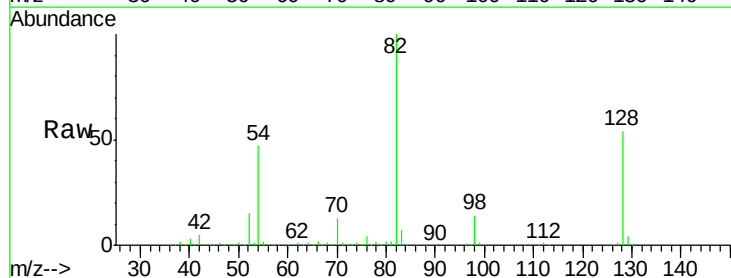
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11S

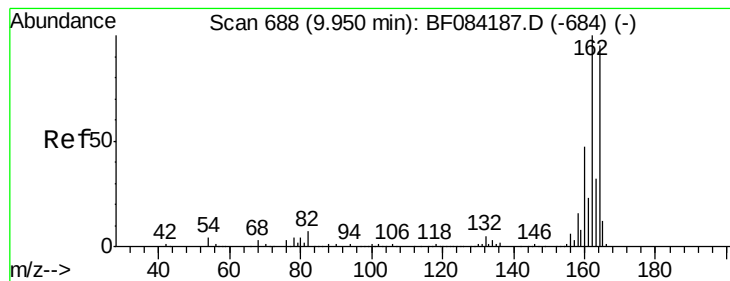
Tgt Ion: 82 Resp: 1749475
 Ion Ratio Lower Upper
 82 100
 128 53.9 34.6 51.8#
 54 47.4 38.4 57.6



#25
 Isophorone
 Concen: 46.77 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.32 min
 Lab File: BF084432.D
 Acq: 13 Jan 2016 1:56

Tgt Ion: 82 Resp: 1648953
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 10.0#
 138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF084432.D

Acq: 13 Jan 2016 1:56

Instrument :

BNA_F

ClientSampleId :

TE-PMW-11S

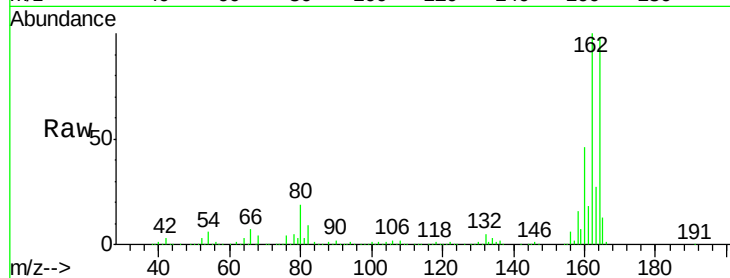
Tgt Ion:164 Resp: 494834

Ion Ratio Lower Upper

164 100

162 102.0 85.1 127.7

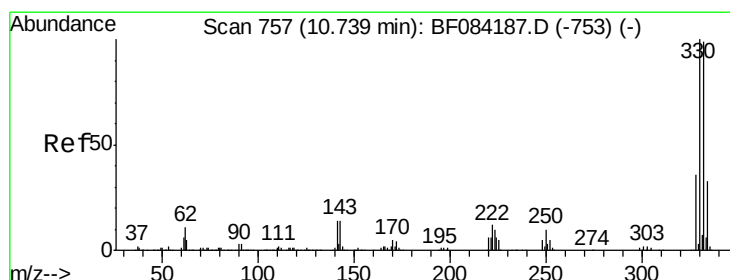
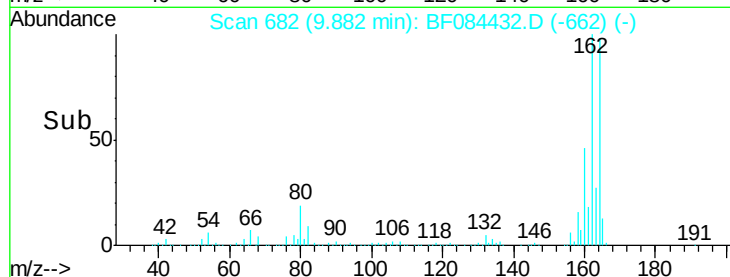
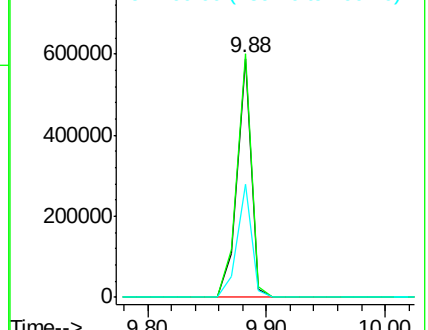
160 47.1 37.5 56.3



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: 105.81 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.07 min

Lab File: BF084432.D

Acq: 13 Jan 2016 1:56

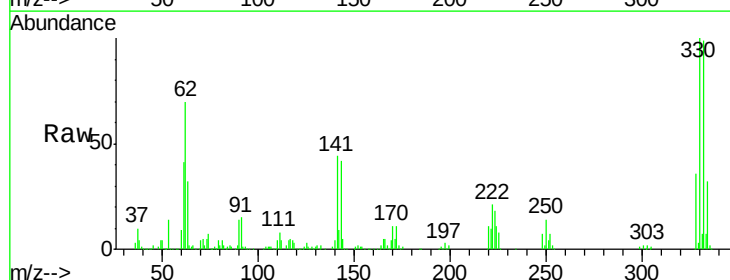
Tgt Ion:330 Resp: 528624

Ion Ratio Lower Upper

330 100

332 98.0 76.6 114.8

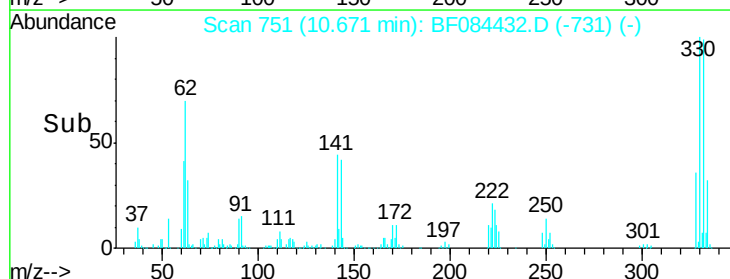
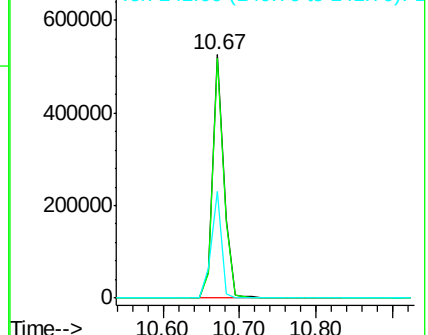
141 40.2 27.8 41.6

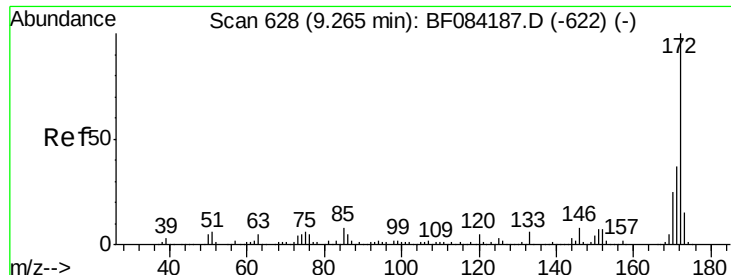


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

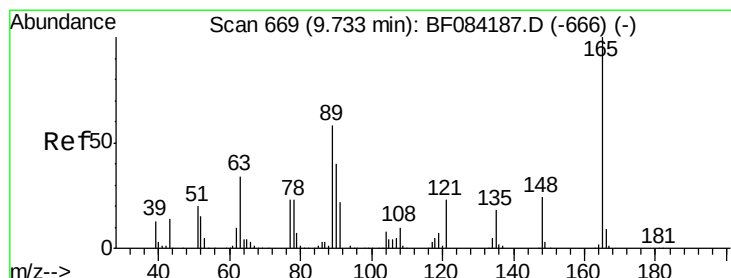
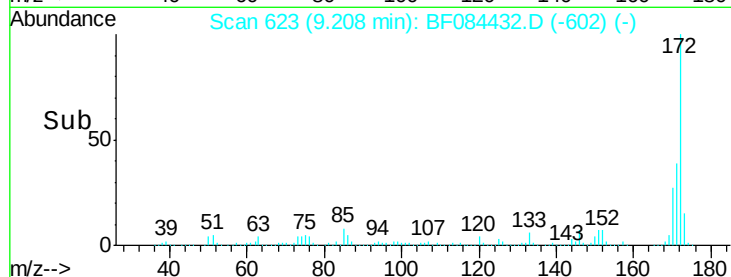
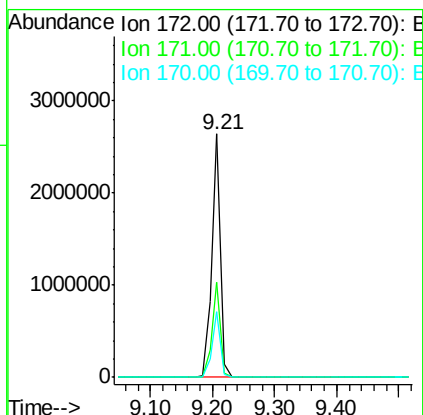
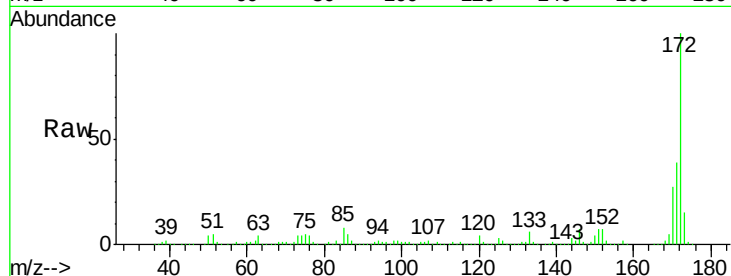




#44
 2-Fluorobiphenyl
 Concen: 89.79 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084432.D
 Acq: 13 Jan 2016 1:56

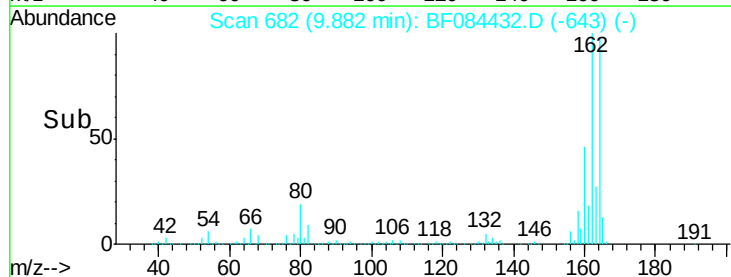
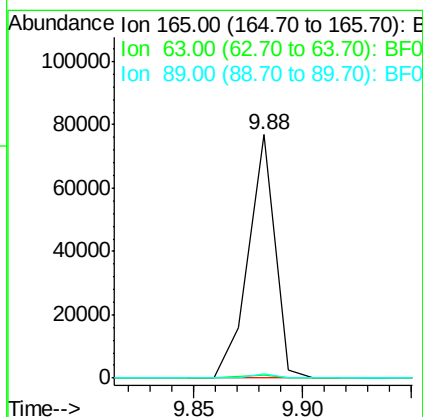
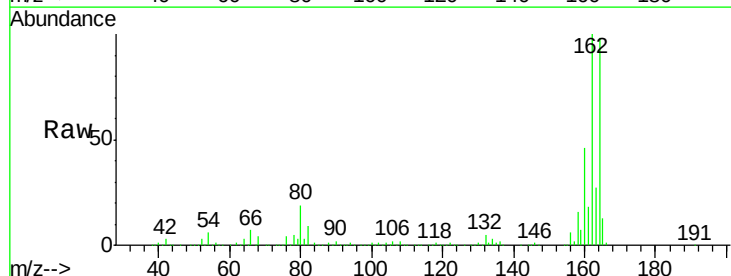
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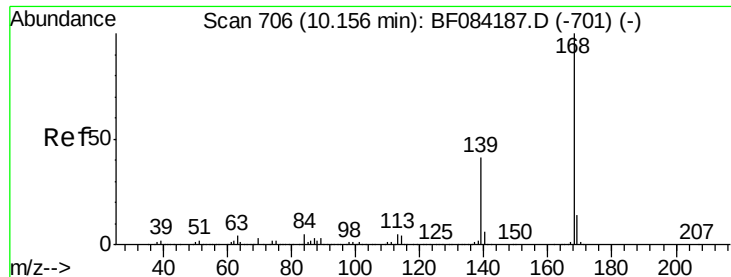
Tgt Ion:172 Resp: 2515546
 Ion Ratio Lower Upper
 172 100
 171 39.1 28.9 43.3
 170 26.8 18.6 27.8



#50
 2,6-Dinitrotoluene
 Concen: 8.45 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.15 min
 Lab File: BF084432.D
 Acq: 13 Jan 2016 1:56

Tgt Ion:165 Resp: 65586
 Ion Ratio Lower Upper
 165 100
 63 1.5 28.8 43.2#
 89 1.6 35.1 52.7#

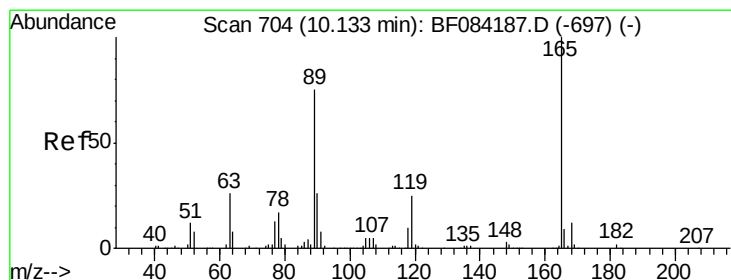
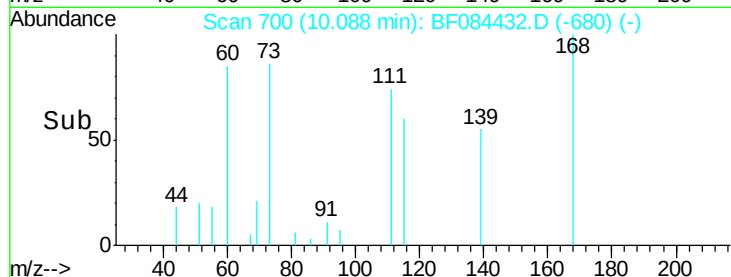
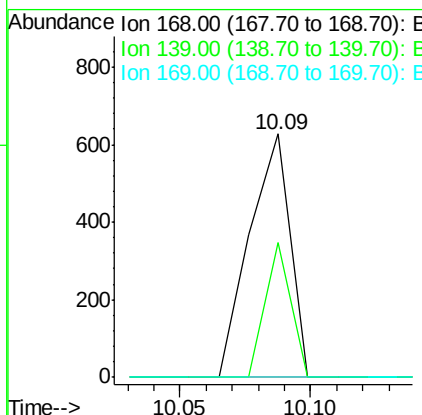
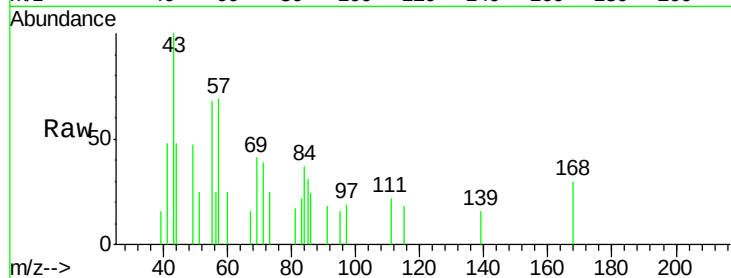




#54
Dibenzofuran
Concen: Below Cal
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084432.D
Acq: 13 Jan 2016 1:56

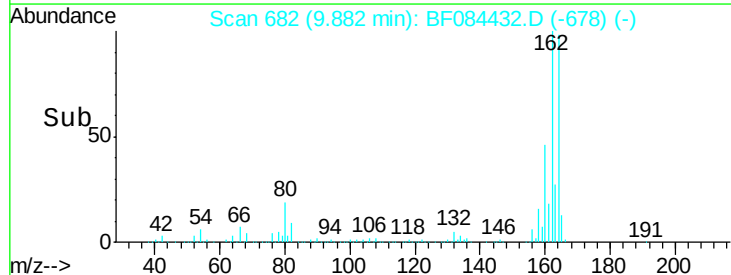
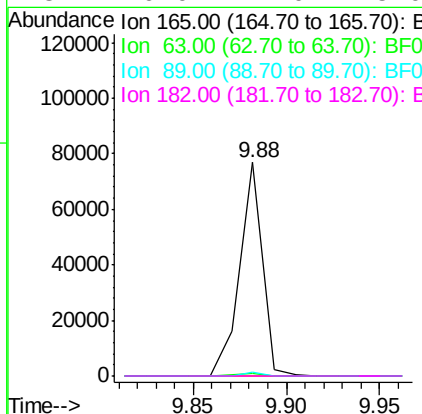
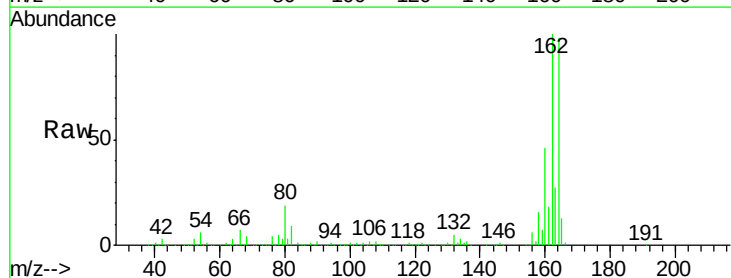
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TE-PMW-11S

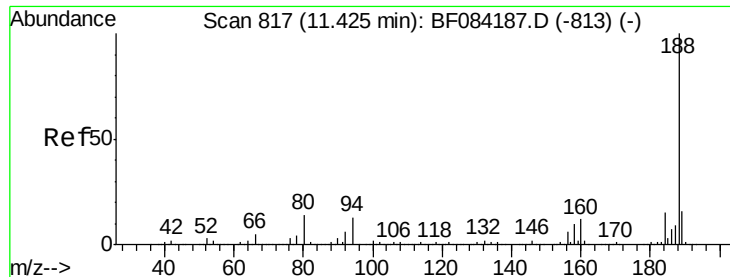
Tgt Ion:168 Resp: 682
Ion Ratio Lower Upper
168 100
139 55.1 30.5 45.7#
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.68 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF084432.D
Acq: 13 Jan 2016 1:56

Tgt Ion:165 Resp: 65591
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.6 61.9 92.9#
182 0.0 2.0 3.0#

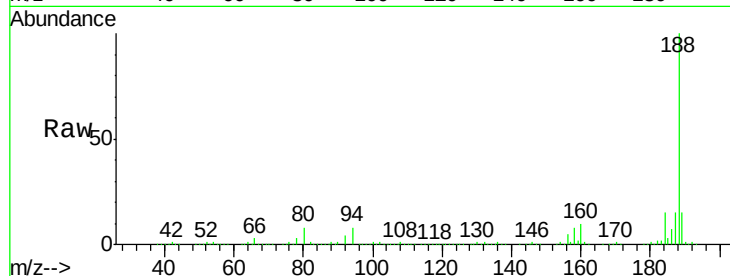




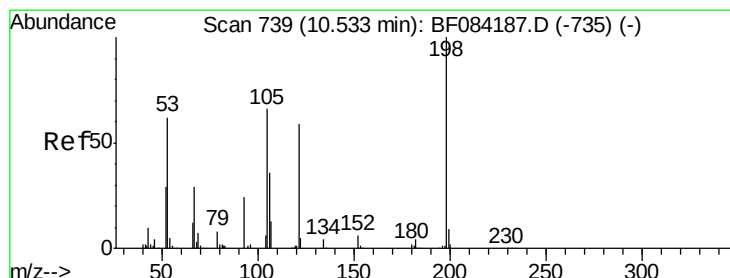
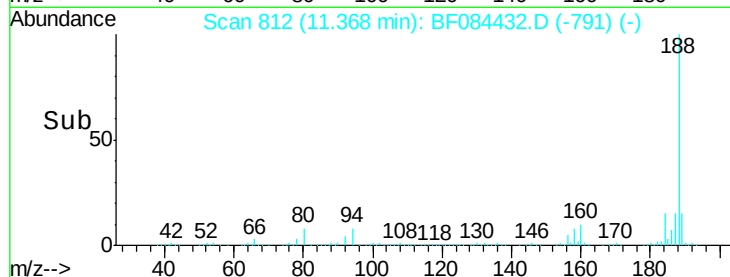
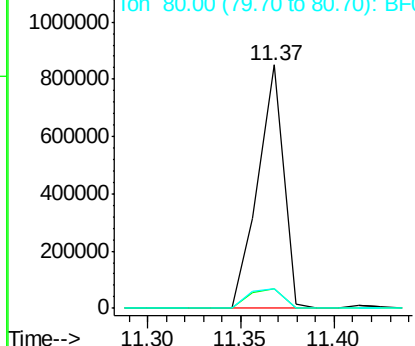
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF084432.D
 Acq: 13 Jan 2016 1:56

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11S

Tgt Ion:188 Resp: 816003
 Ion Ratio Lower Upper
 188 100
 94 7.8 9.0 13.4#
 80 8.2 9.6 14.4#

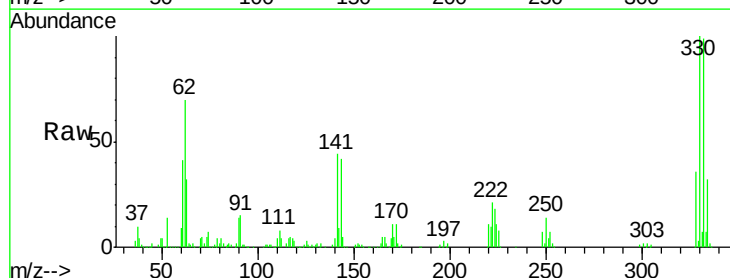


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

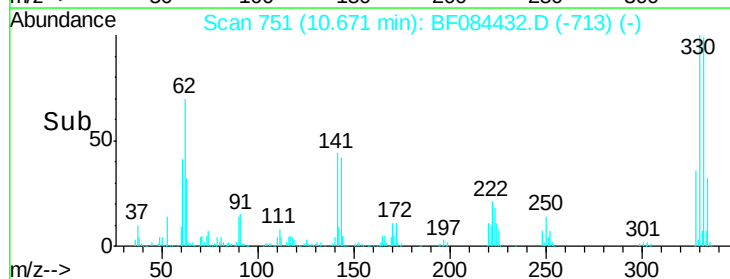
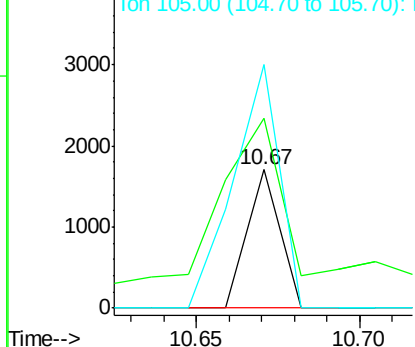


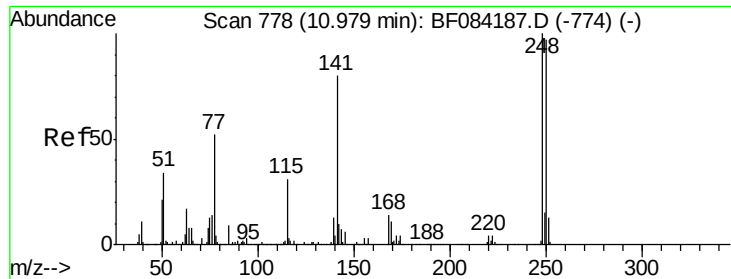
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.60 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.14 min
 Lab File: BF084432.D
 Acq: 13 Jan 2016 1:56

Tgt Ion:198 Resp: 1169
 Ion Ratio Lower Upper
 198 100
 51 137.1 18.9 58.9#
 105 176.0 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

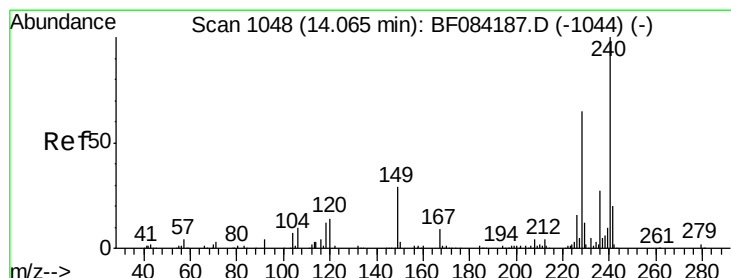
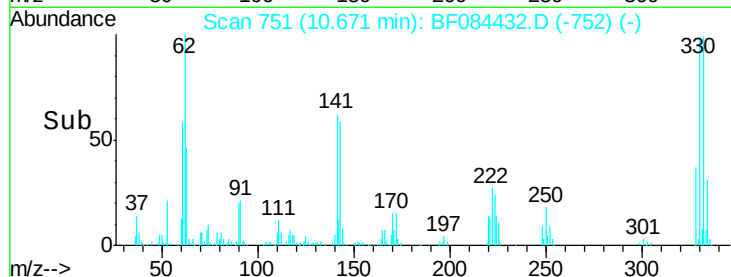
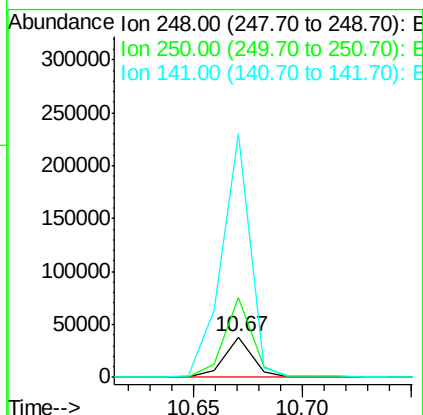
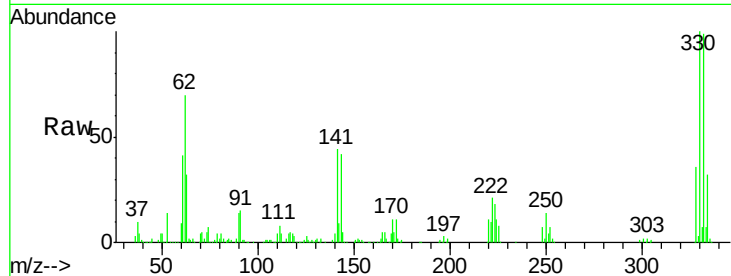




#66
 4-Bromophenyl-phenylether
 Concen: 3.86 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.31 min
 Lab File: BF084432.D
 Acq: 13 Jan 2016 1:56

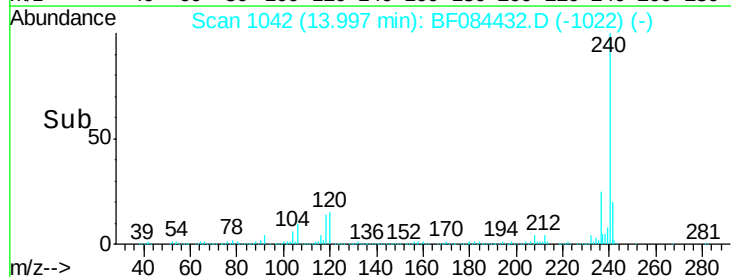
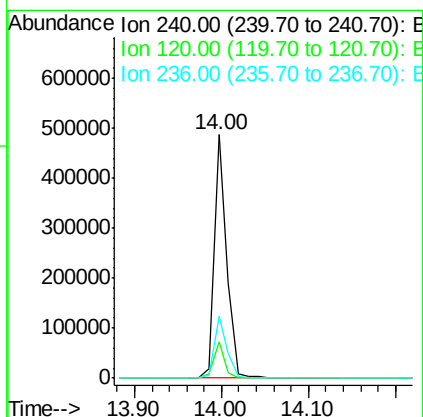
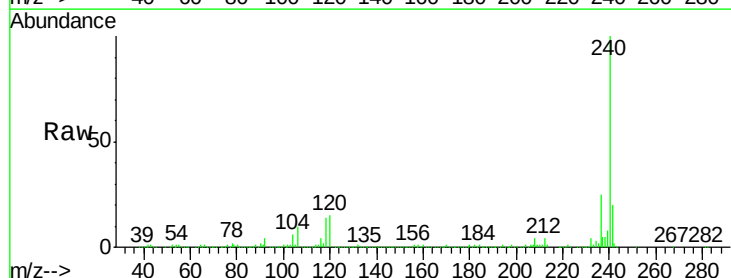
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11S

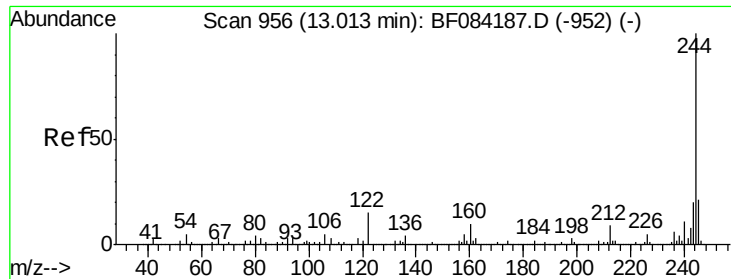
Tgt Ion:248 Resp: 33901
 Ion Ratio Lower Upper
 248 100
 250 198.8 78.4 117.6#
 141 606.7 44.0 66.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.07 min
 Lab File: BF084432.D
 Acq: 13 Jan 2016 1:56

Tgt Ion:240 Resp: 494157
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 25.3 20.6 31.0

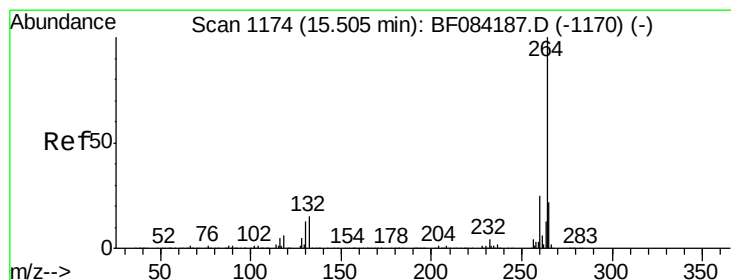
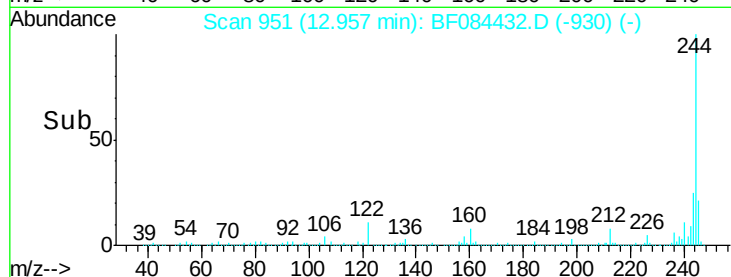
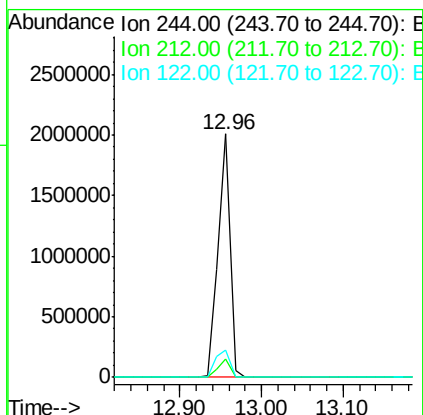
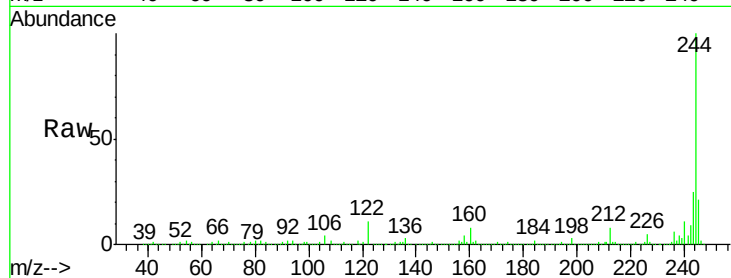




#78
 Terphenyl-d14
 Concen: 92.64 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084432.D
 Acq: 13 Jan 2016 1:56

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-11S

Tgt Ion:244 Resp: 2050902
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 11.4 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084432.D
 Acq: 13 Jan 2016 1:56

Tgt Ion:264 Resp: 468092
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.9 17.8 26.6

