

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052216\
 Data File : BF087290.D
 Acq On : 22 May 2016 14:52
 Operator : UM/SJ
 Sample : H3172-06
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ULMER-FIELDBLANK-1-5-17-16

Quant Time: May 23 03:38:12 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

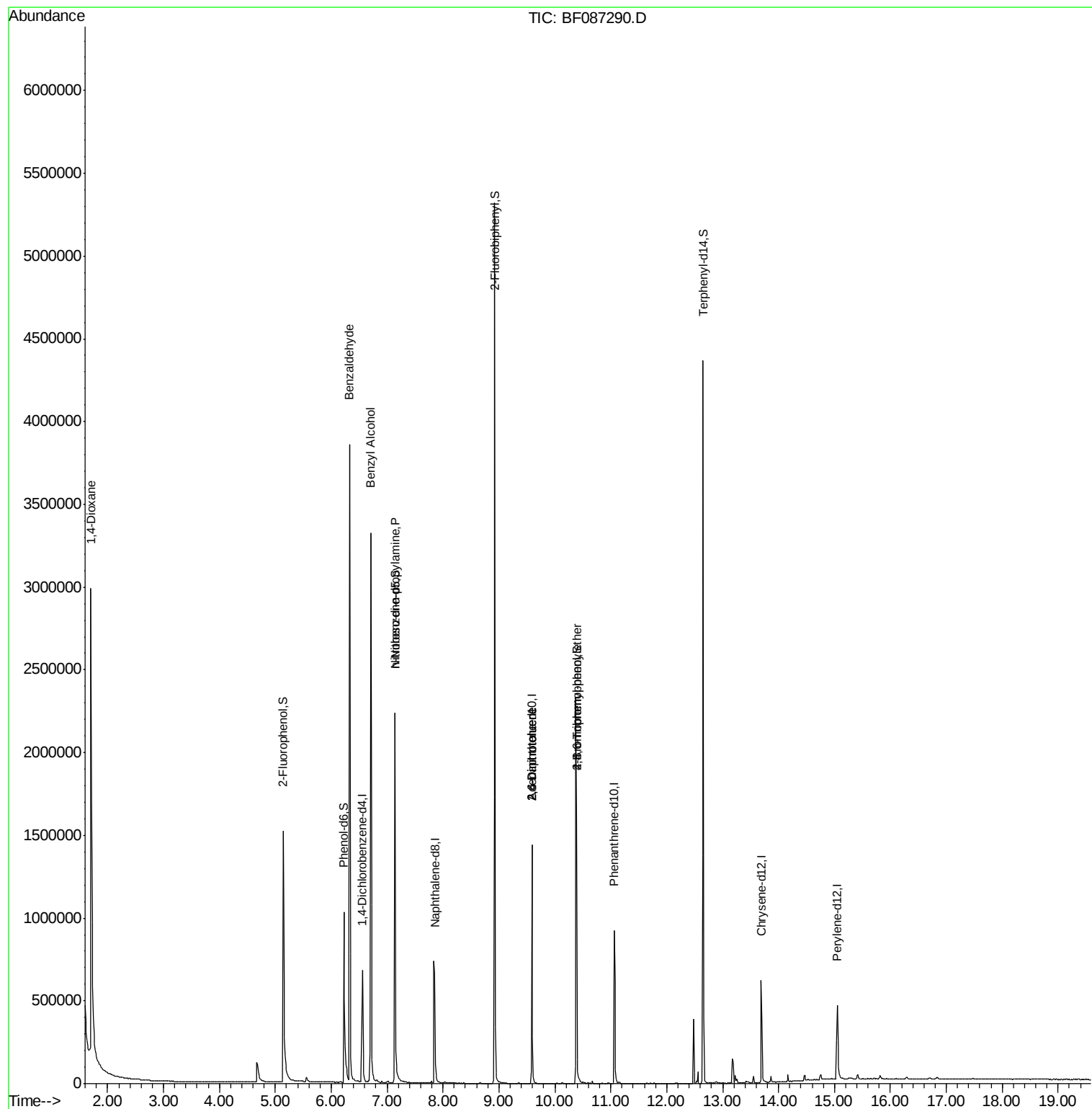
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	120802	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	511000	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	260203	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	434683	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	277535	20.00	ng	-0.01
86) Perylene-d12	15.05	264	231632	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	510517	71.03	ng	0.01
7) Phenol-d6	6.23	99	440729	45.72	ng	0.00
23) Nitrobenzene-d5	7.14	82	1047136	102.13	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	367015	127.64	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1578705	100.48	ng	0.00
78) Terphenyl-d14	12.65	244	1293048	105.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.70	88	98293	26.59	ng	# 22
9) Benzaldehyde	6.33	77	26123	3.76	ng	# 76
15) Benzyl Alcohol	6.71	79	16307	2.27	ng	# 42
19) n-Nitroso-di-n-propylamine	7.14	70	146111	19.94	ng	# 82
50) 2,6-Dinitrotoluene	9.59	165	33188	7.70	ng	# 21
56) 2,4-Dinitrotoluene	9.59	165	33190	6.01	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	22798	5.10	ng	# 1

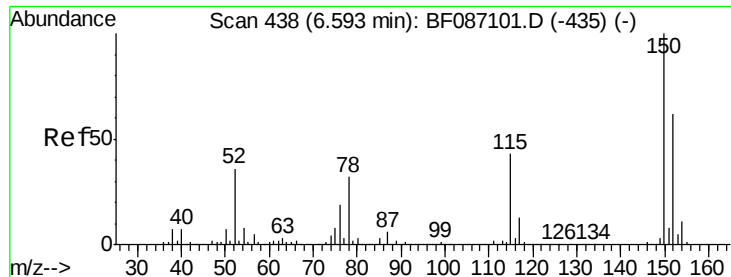
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087290.D

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BNA_F

ClientSampleId :

ULMER-FIELDBLANK-1-5-17-16

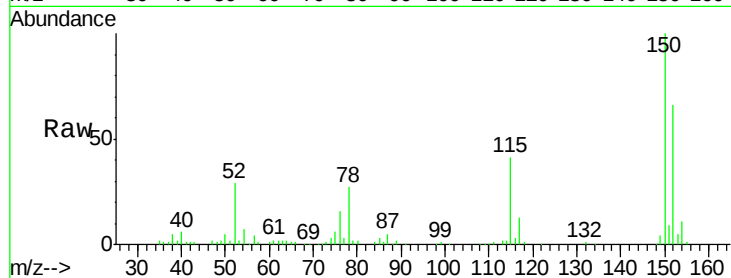
Tgt Ion:152 Resp: 120802

Ion Ratio Lower Upper

152 100

150 151.5 125.8 188.6

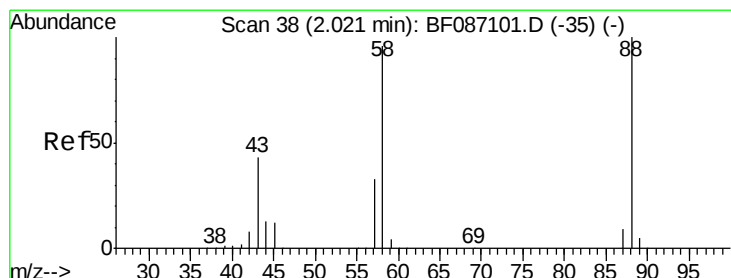
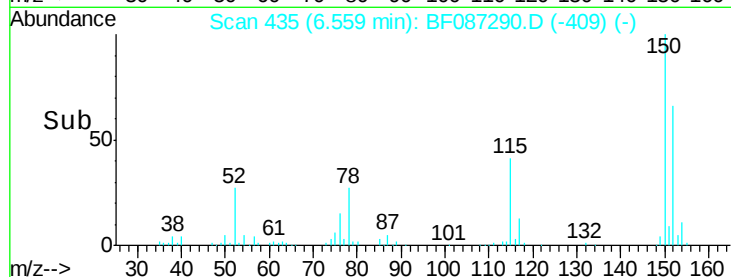
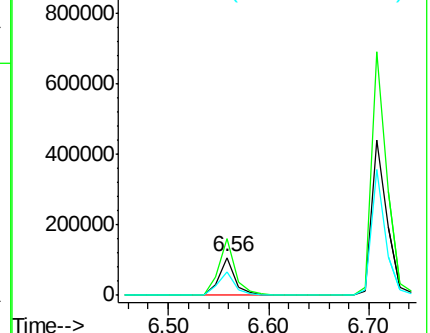
115 61.6 51.5 77.3



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



#2

1,4-Dioxane

Concen: 26.59 ng

RT: 1.70 min Scan# 10

Delta R.T. -0.26 min

Lab File: BF087290.D

Acq: 22 May 2016 14:52

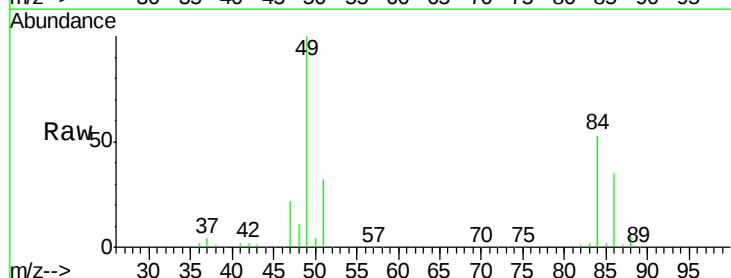
Tgt Ion: 88 Resp: 98293

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

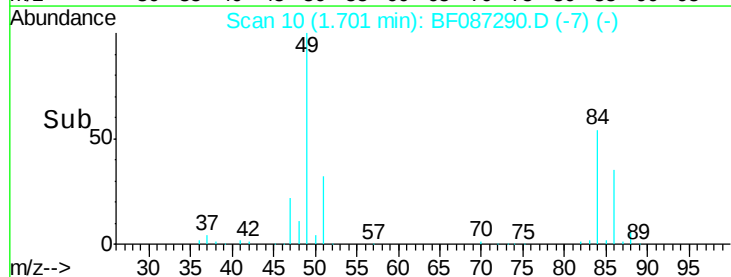
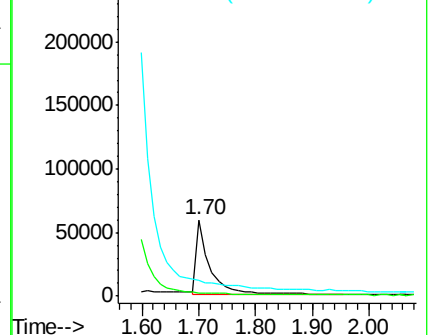
43 0.0 21.8 32.6#

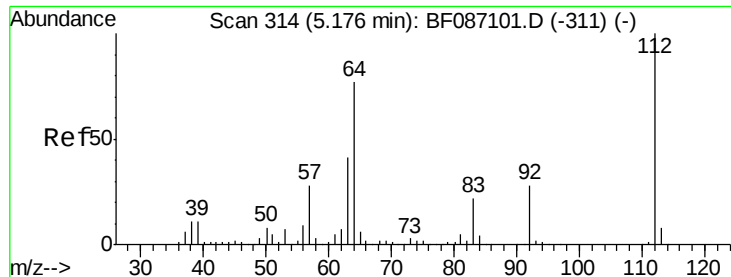


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

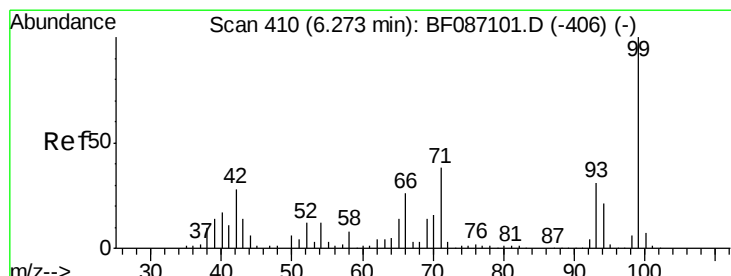
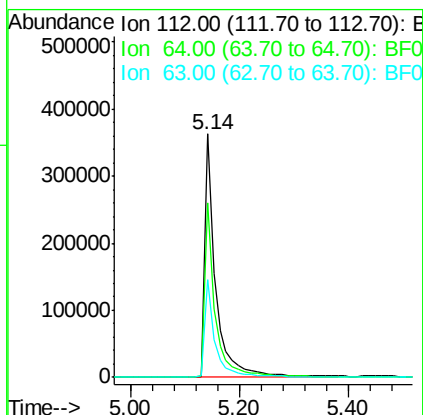
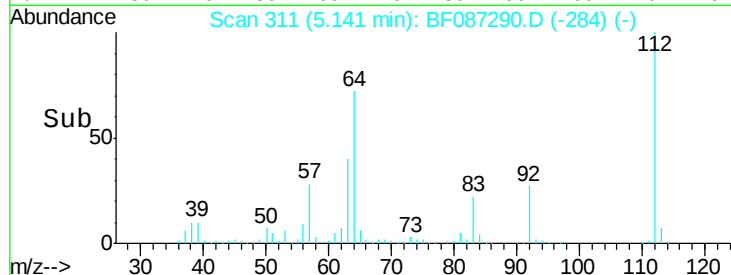
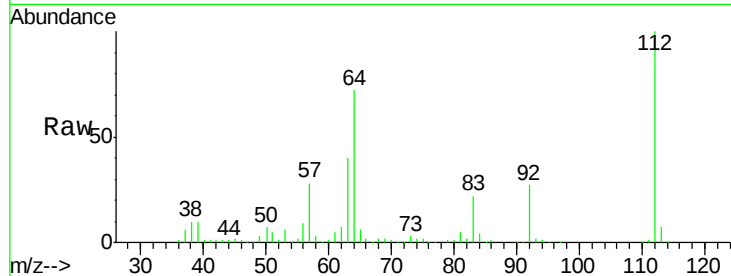




#5
 2-Fluorophenol
 Concen: 71.03 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

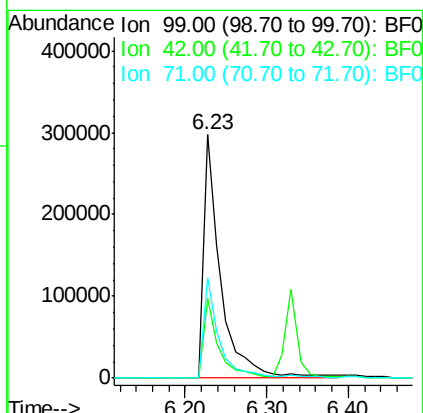
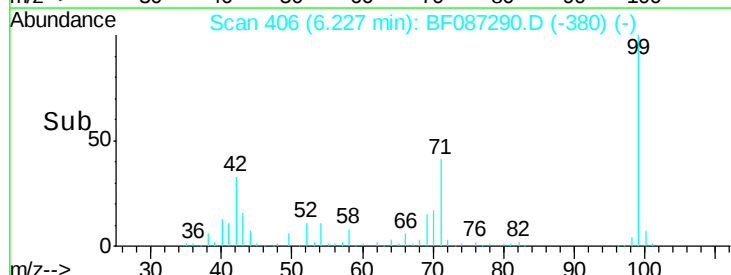
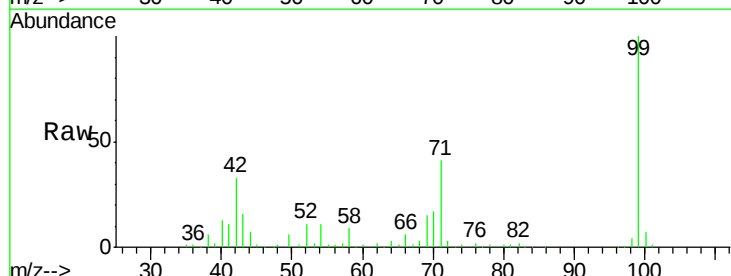
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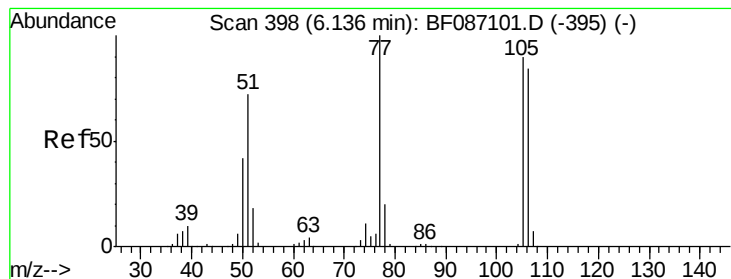
Tgt Ion: 112 Resp: 510517
 Ion Ratio Lower Upper
 112 100
 64 71.8 52.1 78.1
 63 40.0 25.7 38.5#



#7
 Phenol-d6
 Concen: 45.72 ng
 RT: 6.23 min Scan# 406
 Delta R.T. -0.00 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

Tgt Ion: 99 Resp: 440729
 Ion Ratio Lower Upper
 99 100
 42 32.9 13.6 20.4#
 71 40.9 24.6 36.8#





#9

Benzaldehyde

Concen: 3.76 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF087290.D

Acq: 22 May 2016 14:52

Instrument :

BNA_F

ClientSampleId :

ULMER-FIELDBLANK-1-5-17-16

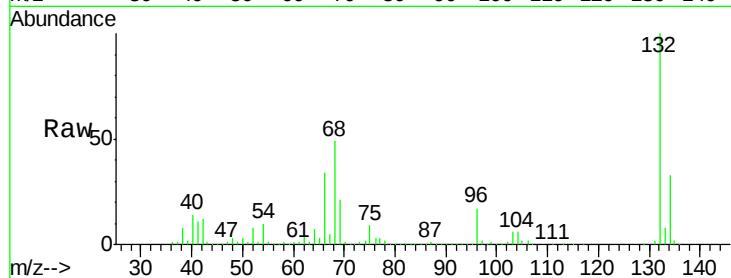
Tgt Ion: 77 Resp: 26123

Ion Ratio Lower Upper

77 100

105 73.2 72.7 112.7

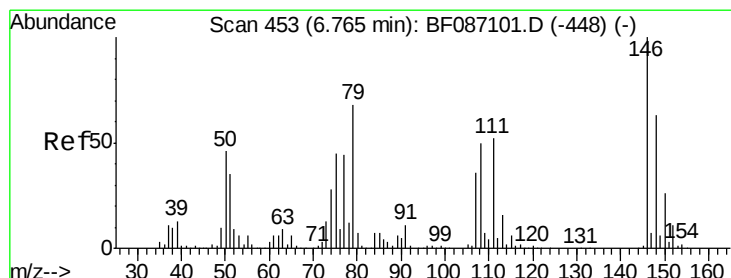
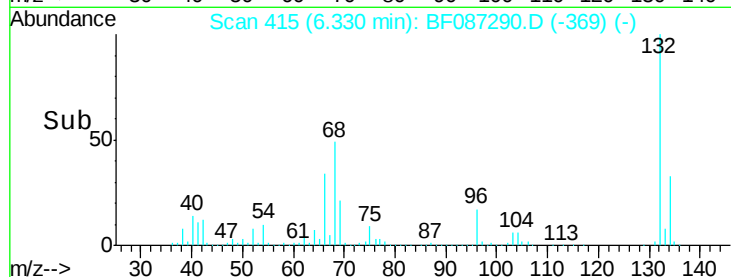
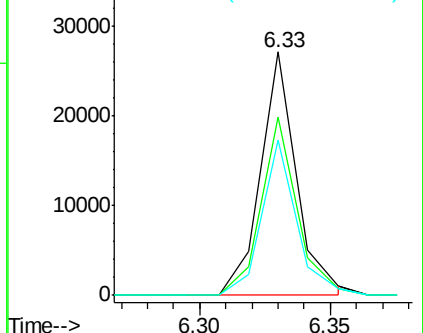
106 63.7 70.8 110.8#



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: 2.27 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF087290.D

Acq: 22 May 2016 14:52

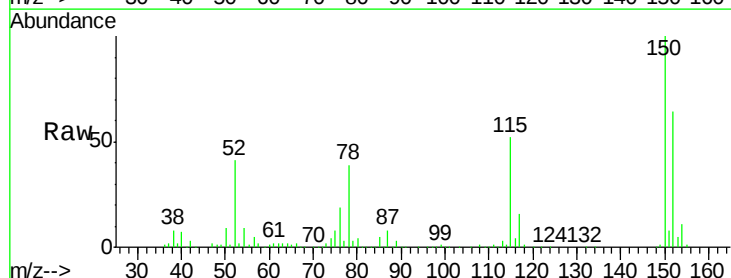
Tgt Ion: 79 Resp: 16307

Ion Ratio Lower Upper

79 100

108 27.4 68.4 102.6#

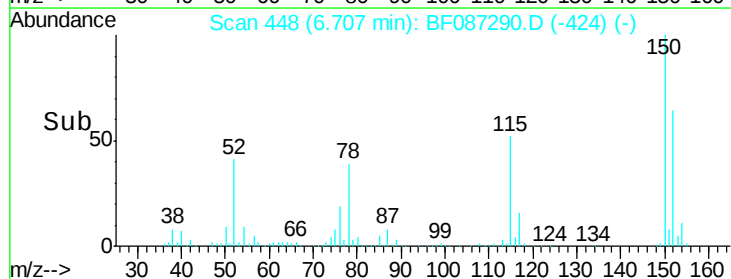
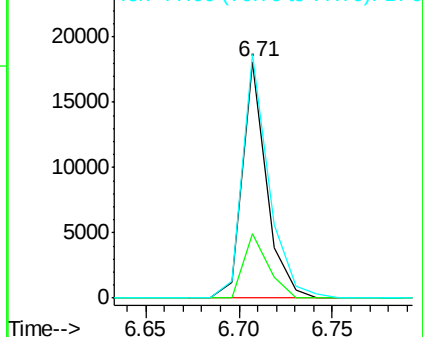
77 103.1 50.6 76.0#

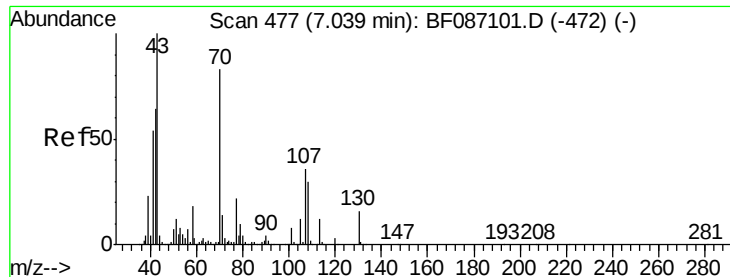


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

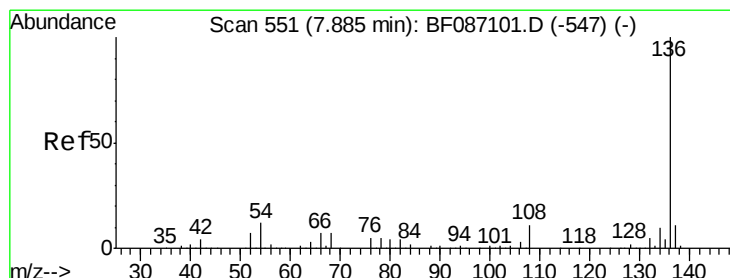
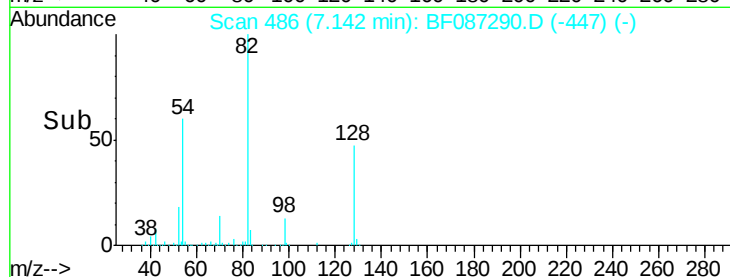
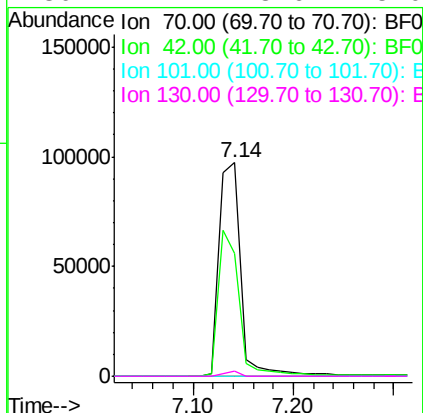
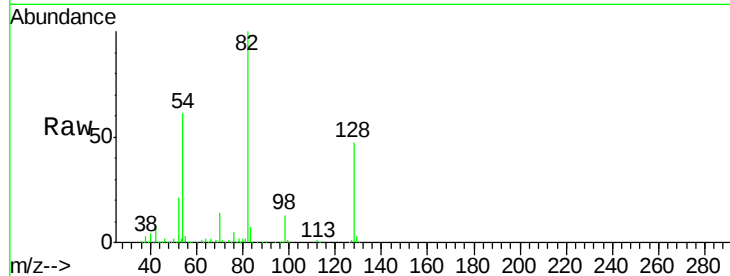




#19
n-Nitroso-di-n-propylamine
Concen: 19.94 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.15 min
Lab File: BF087290.D
Acq: 22 May 2016 14:52

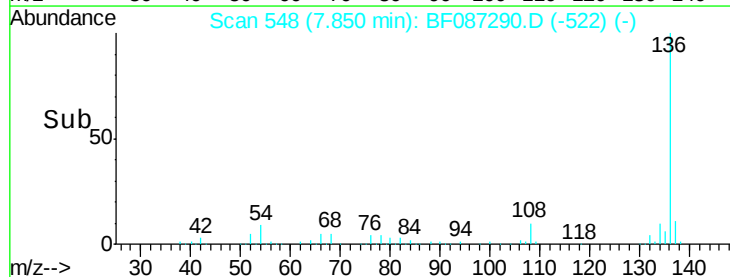
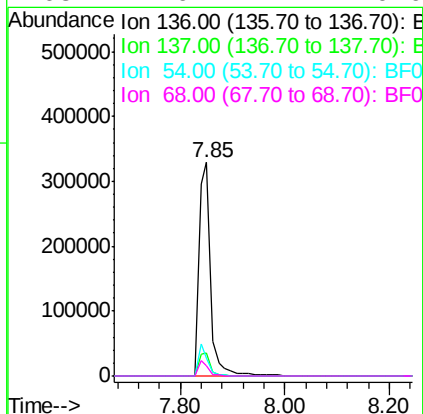
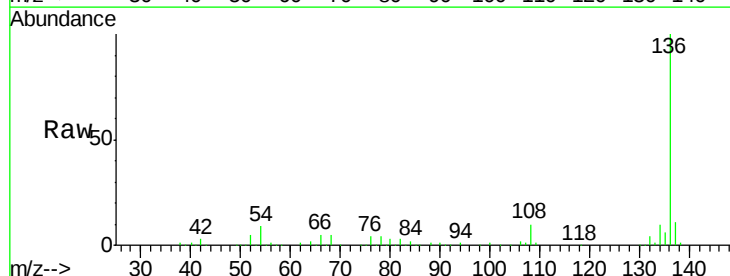
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ULMER-FIELDBLANK-1-5-17-16

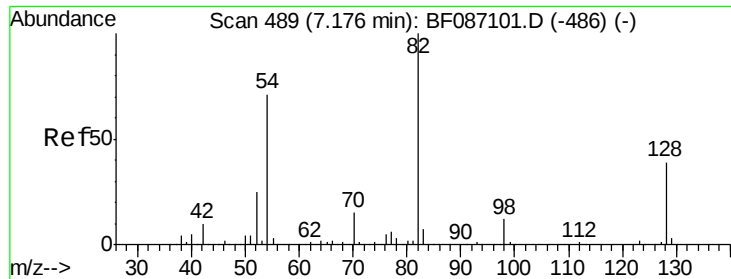
Tgt Ion: 70 Resp: 146111
Ion Ratio Lower Upper
70 100
42 57.4 43.1 64.7
101 0.0 8.1 12.1#
130 2.2 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF087290.D
Acq: 22 May 2016 14:52

Tgt Ion: 136 Resp: 511000
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.6 5.0 7.4#
68 4.6 4.4 6.6

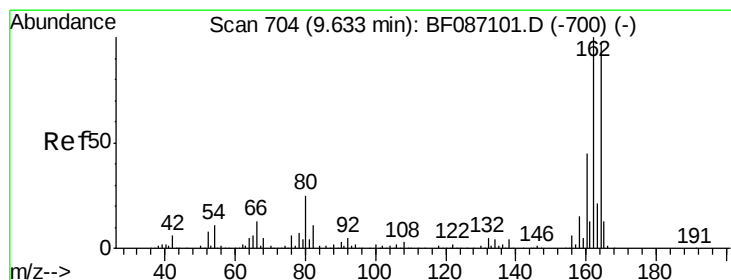
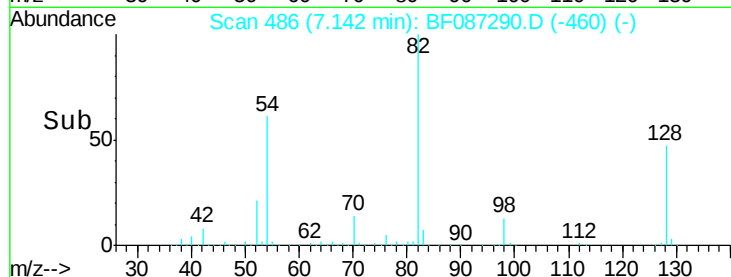
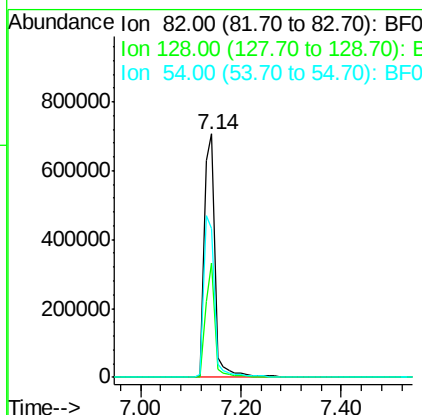
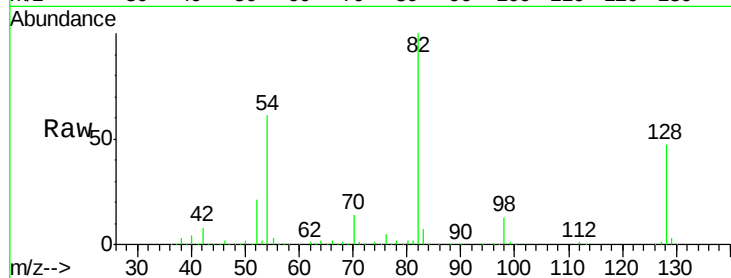




#23
 Nitrobenzene-d5
 Concen: 102.13 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

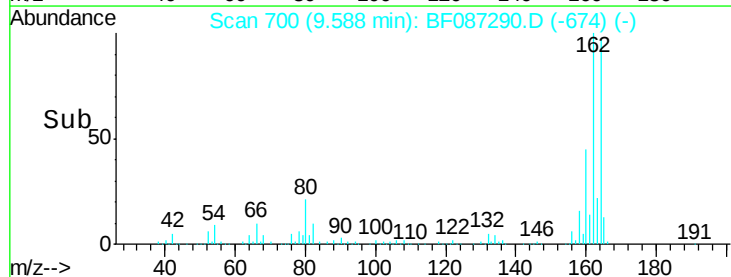
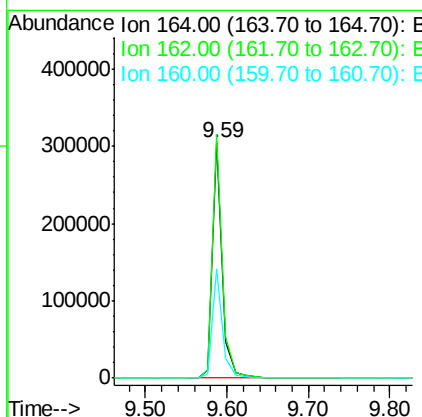
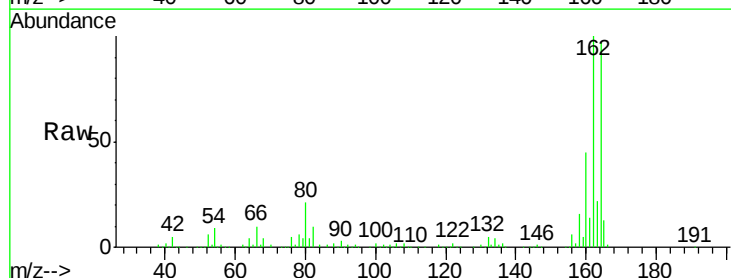
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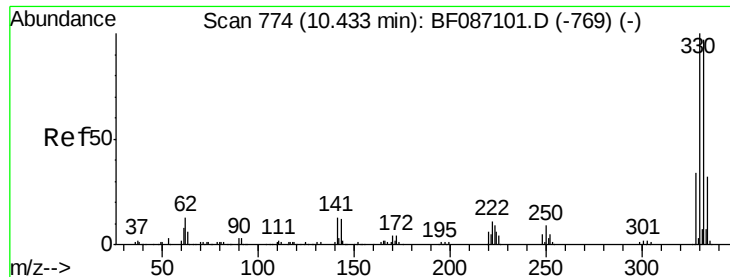
Tgt Ion: 82 Resp: 1047136
 Ion Ratio Lower Upper
 82 100
 128 47.1 40.6 61.0
 54 61.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

Tgt Ion: 164 Resp: 260203
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.8 124.2
 160 46.4 36.9 55.3

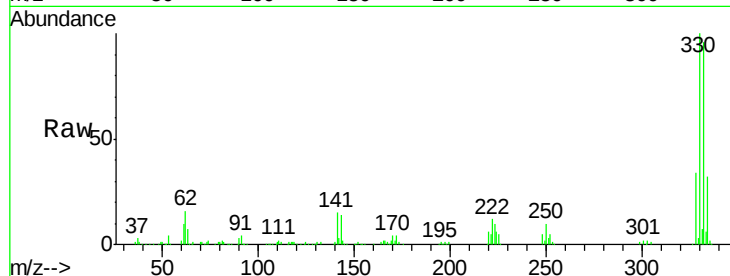




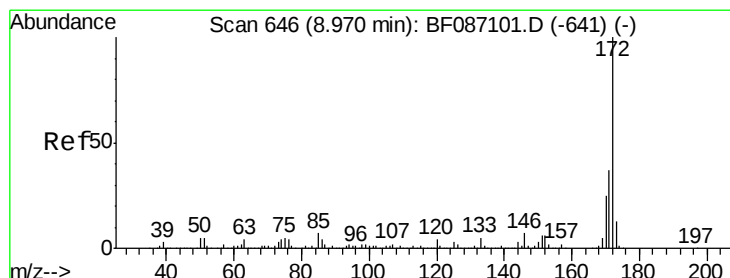
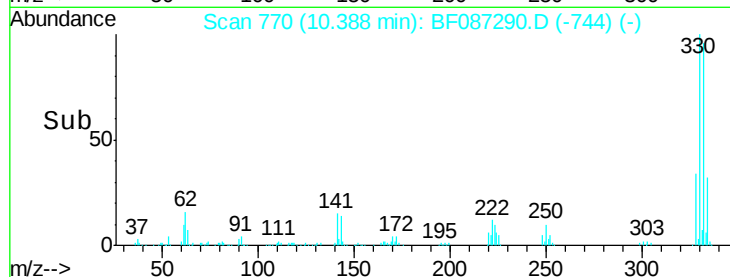
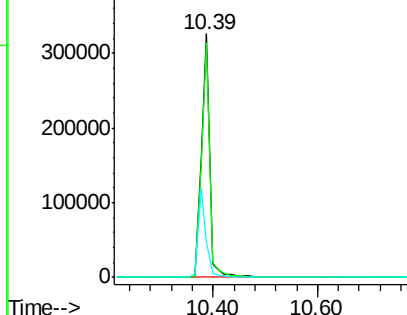
#41
 2,4,6-Tribromophenol
 Concen: 127.64 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

Instrument :
 BNA_F
 ClientSampleId :
 ULMER-FIELDBLANK-1-5-17-16

Tgt Ion:330 Resp: 367015
 Ion Ratio Lower Upper
 330 100
 332 95.8 79.0 118.4
 141 34.7 31.2 46.8

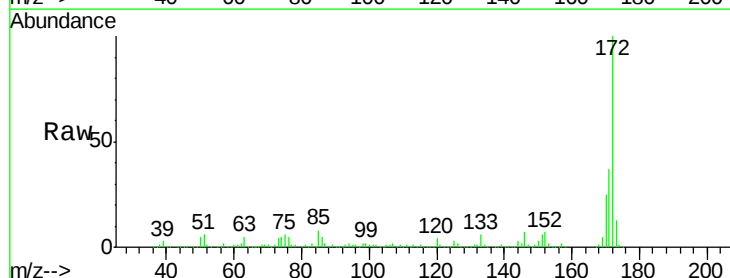


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

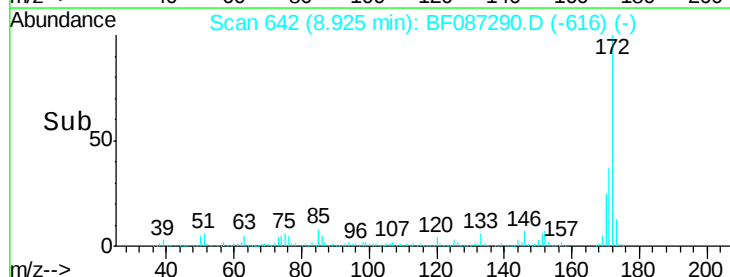
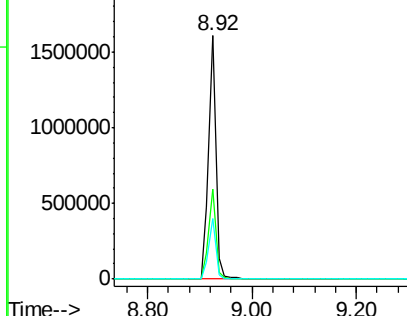


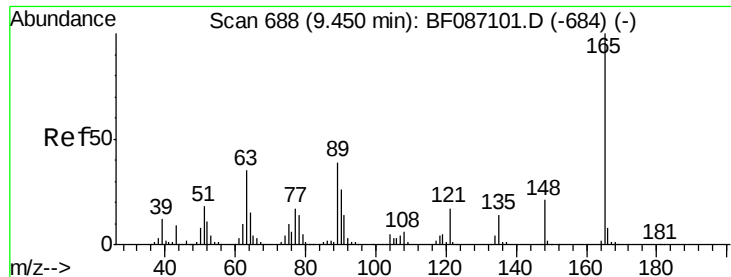
#44
 2-Fluorobiphenyl
 Concen: 100.48 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

Tgt Ion:172 Resp: 1578705
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.9 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

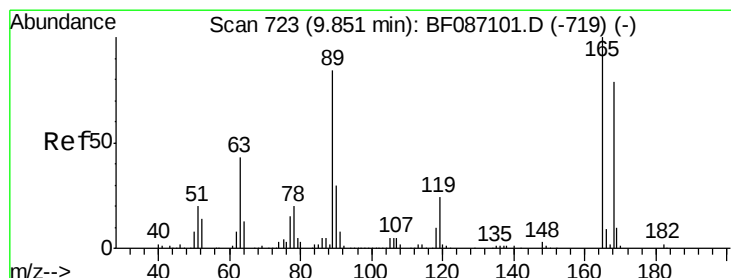
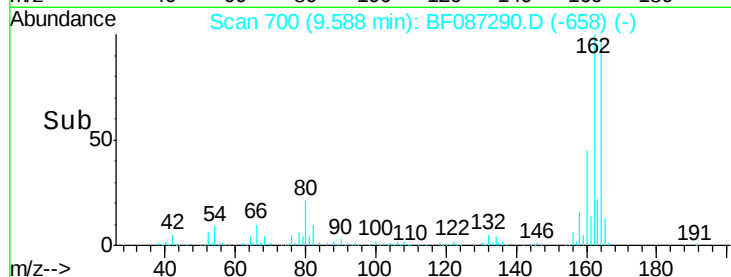
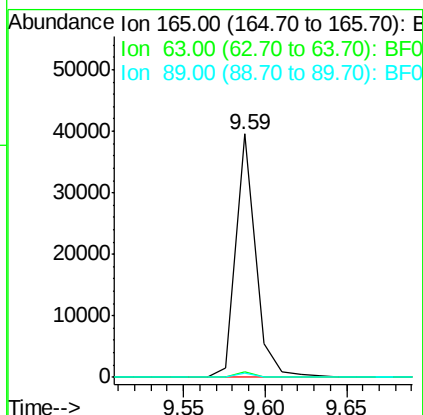
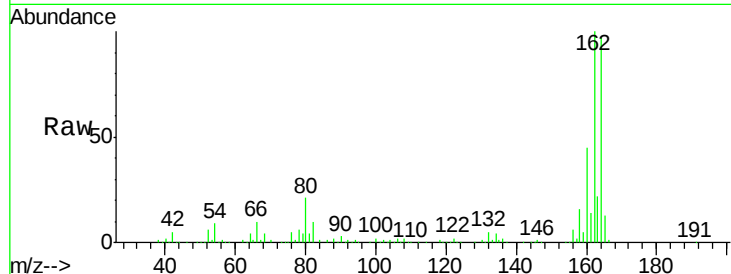




#50
 2,6-Dinitrotoluene
 Concen: 7.70 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

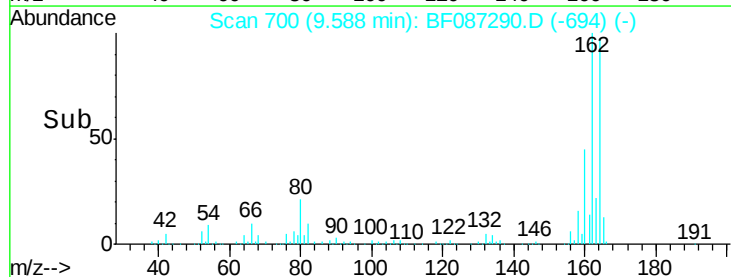
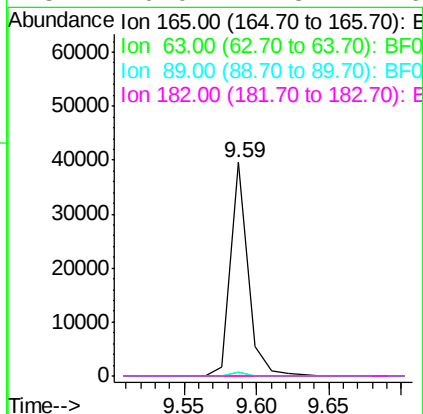
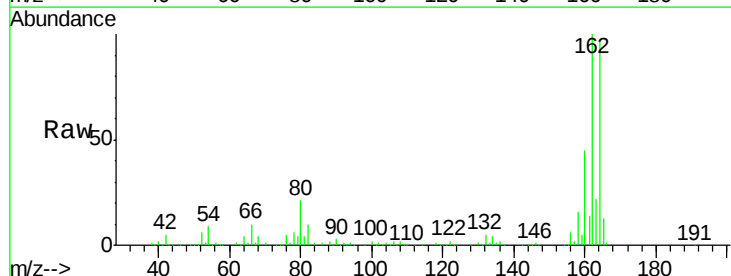
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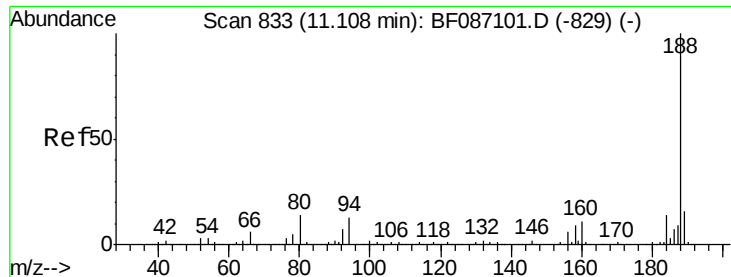
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	51.8	77.8#
89	1.8	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.23 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#

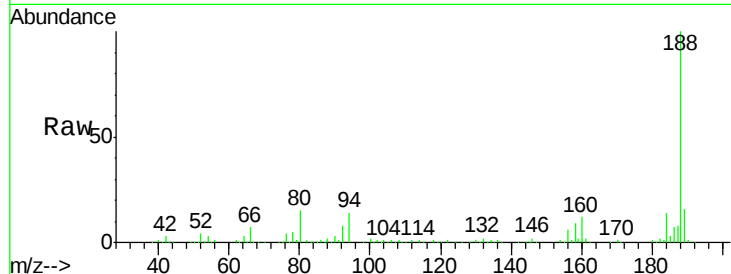




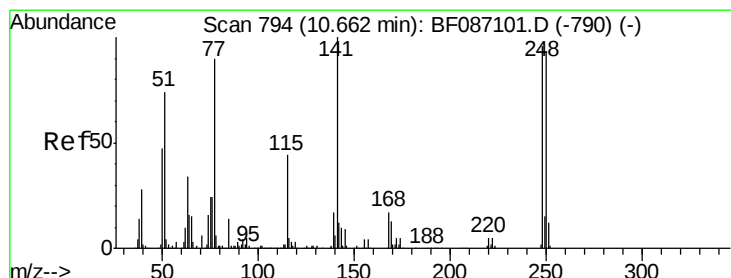
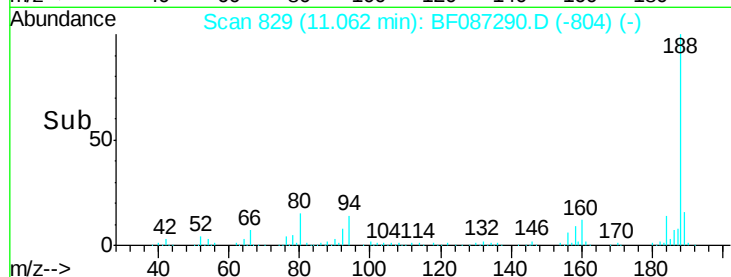
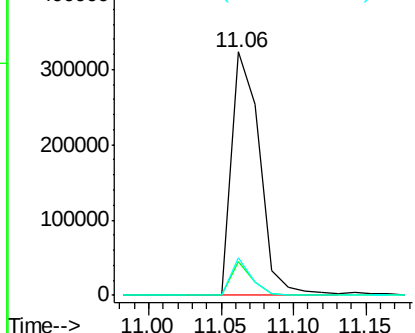
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087290.D
Acq: 22 May 2016 14:52

Instrument :
BNA_F
ClientSampleId :
ULMER-FIELDBLANK-1-5-17-16

Tgt Ion:188 Resp: 434683
Ion Ratio Lower Upper
188 100
94 13.6 6.8 10.2#
80 15.3 7.1 10.7#

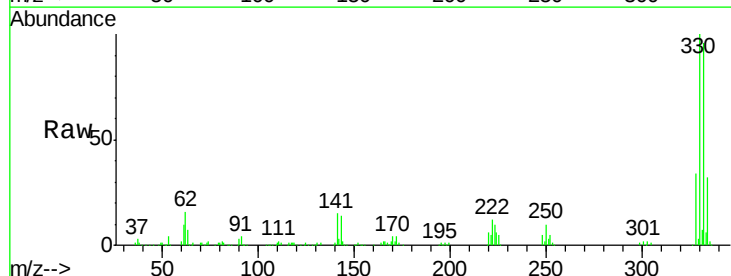


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

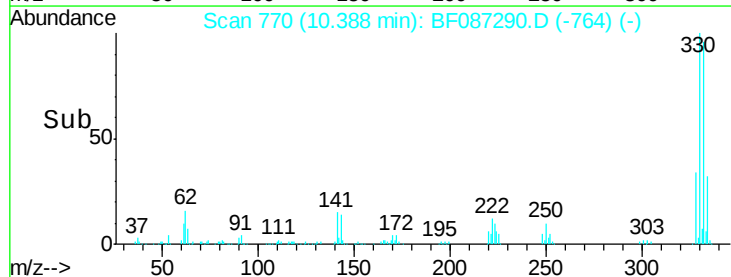
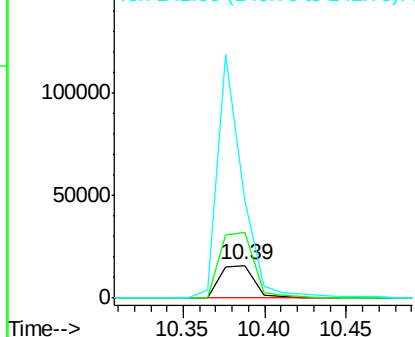


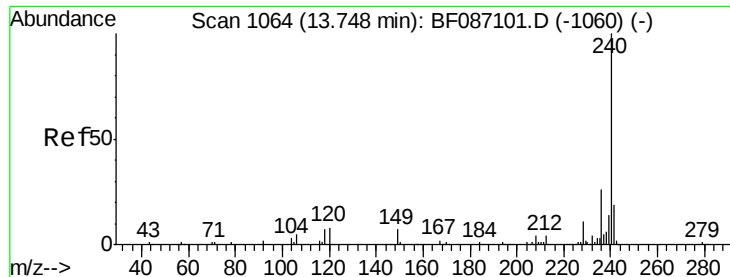
#66
4-Bromophenyl-phenylether
Concen: 5.10 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.23 min
Lab File: BF087290.D
Acq: 22 May 2016 14:52

Tgt Ion:248 Resp: 22798
Ion Ratio Lower Upper
248 100
250 202.5 78.6 117.8#
141 300.0 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: BF087290.D

Acq: 22 May 2016 14:52

Instrument :

BNA_F

ClientSampleId :

ULMER-FIELDBLANK-1-5-17-16

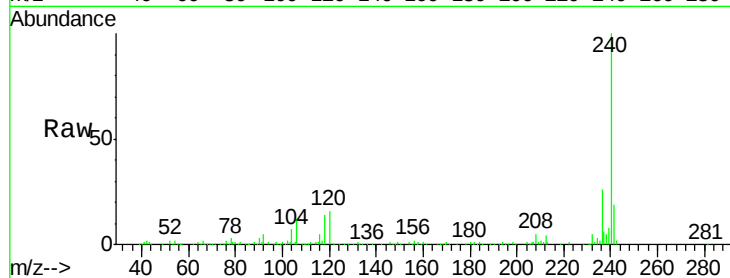
Tgt Ion:240 Resp: 277535

Ion Ratio Lower Upper

240 100

120 16.1 11.2 16.8

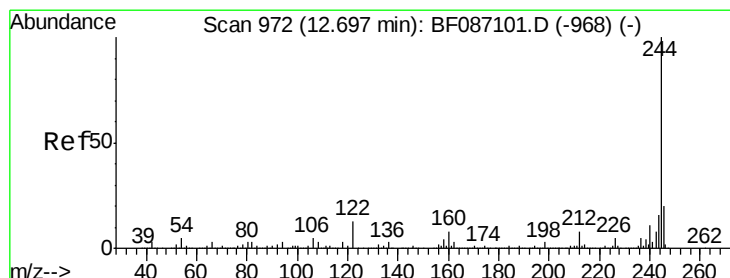
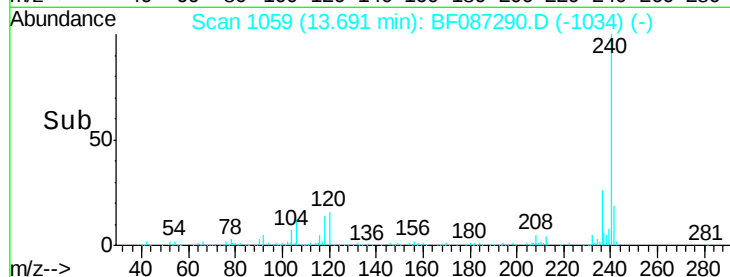
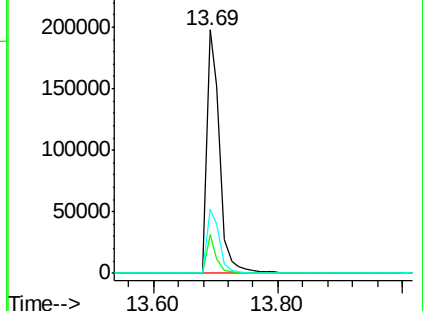
236 26.4 21.2 31.8



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: 105.39 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087290.D

Acq: 22 May 2016 14:52

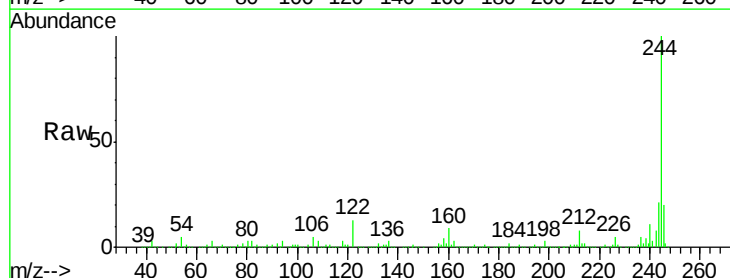
Tgt Ion:244 Resp: 1293048

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

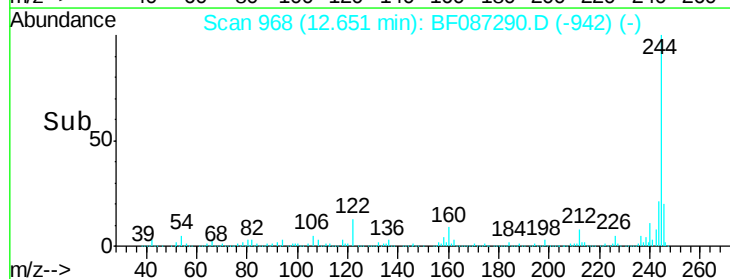
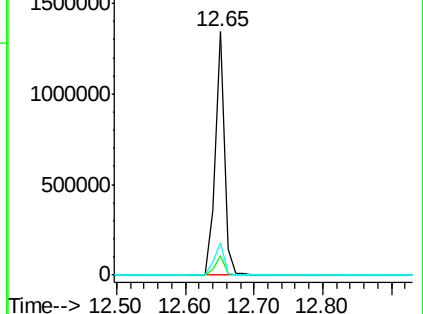
122 13.4 12.0 18.0

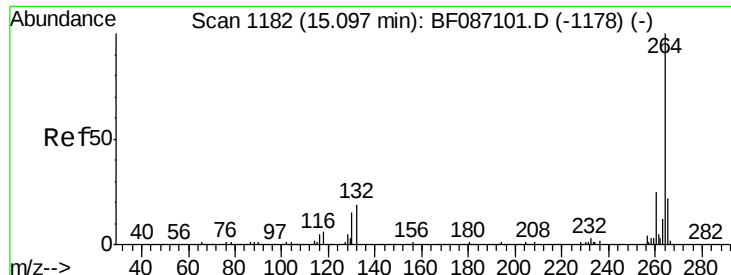


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087290.D
Acq: 22 May 2016 14:52

Instrument :
BNA_F
ClientSampleId :
ULMER-FIELDBLANK-1-5-17-16

Tgt Ion: 264 Resp: 231632
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.3 17.3 25.9

