

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 04:19:55 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 03:47:59 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	-0.01
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	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	510517	71.03	ng	0.00
7) Phenol-d6	6.23	99	440729	45.72	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1047136	102.13	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	366763	127.55	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

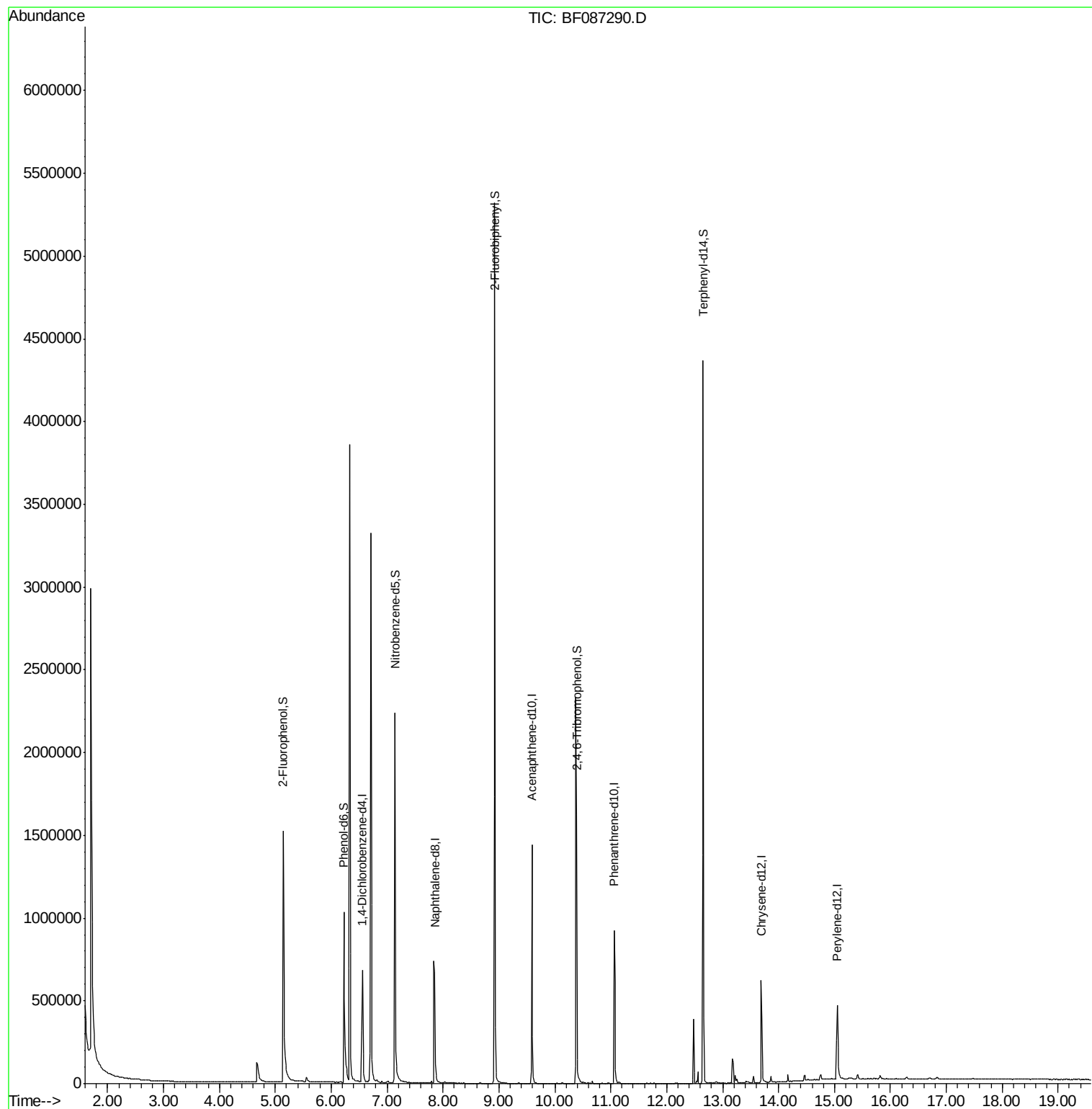
Target Compounds Qvalue

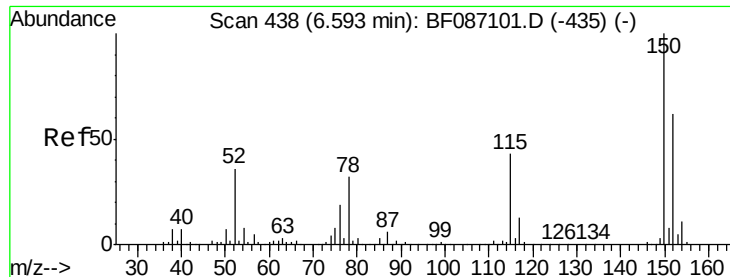
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Acq: 22 May 2016 14:52

Instrument :

BNA_F

ClientSampleId :

ULMER-FIELDBLANK-1-5-17-16

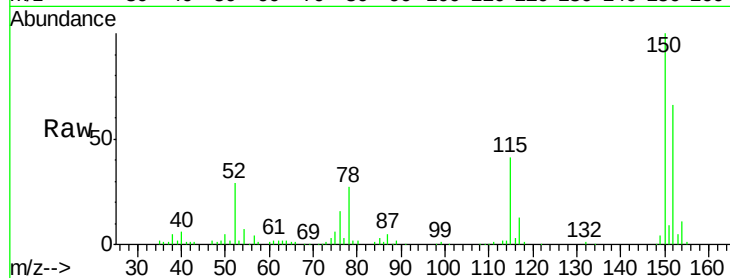
Tot Ion:152 Resp: 120802

Ion Ratio Lower Upper

152 100

150 151.5 125.8 188.6

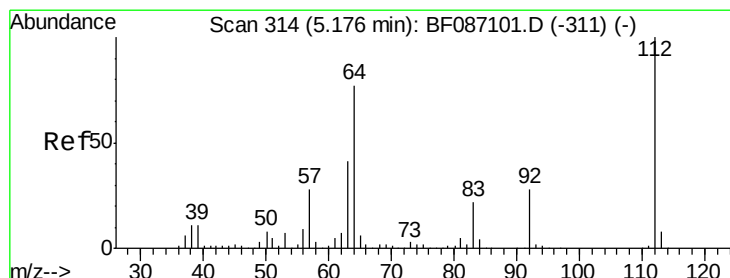
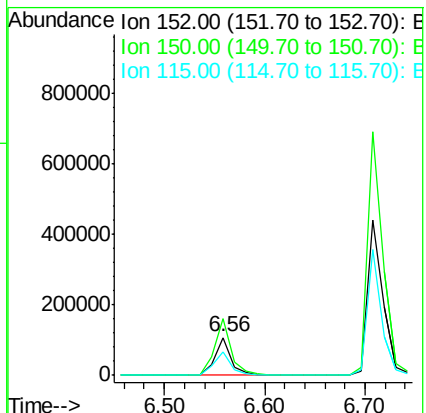
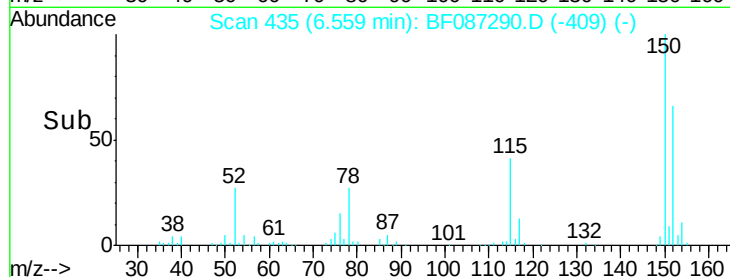
115 61.6 51.5 77.3



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



#5

2-Fluorophenol

Concen: 71.03 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF087290.D

Acq: 22 May 2016 14:52

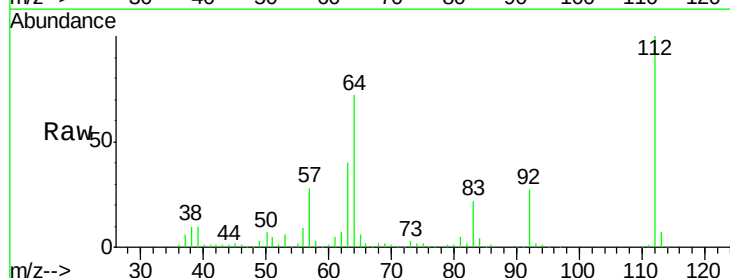
Tgt Ion:112 Resp: 510517

Ion Ratio Lower Upper

112 100

64 71.8 52.1 78.1

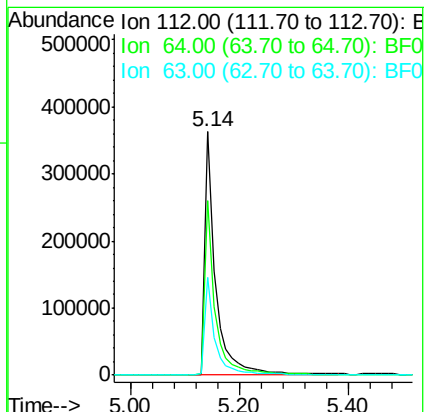
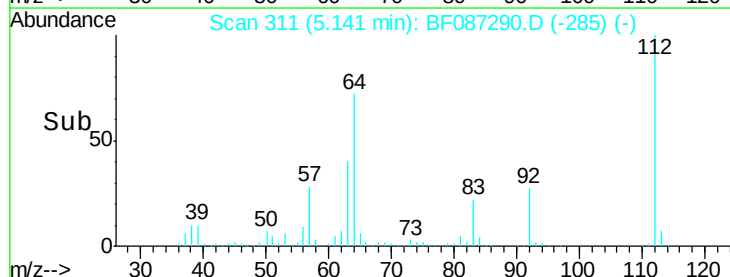
63 40.0 25.7 38.5

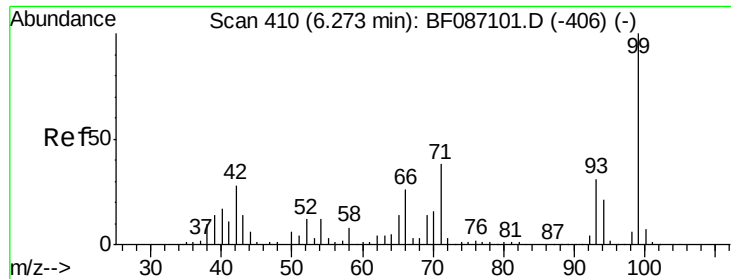


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.72 ng

RT: 6.23 min Scan# 406

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

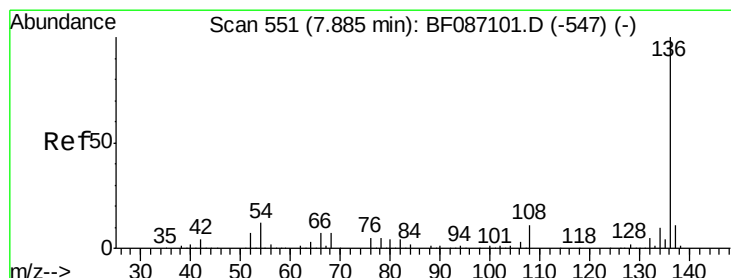
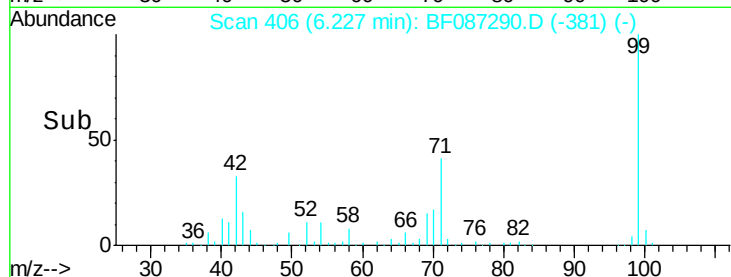
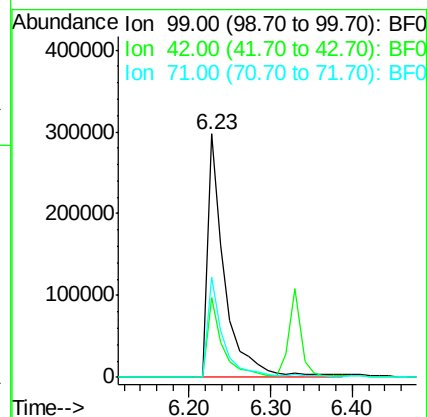
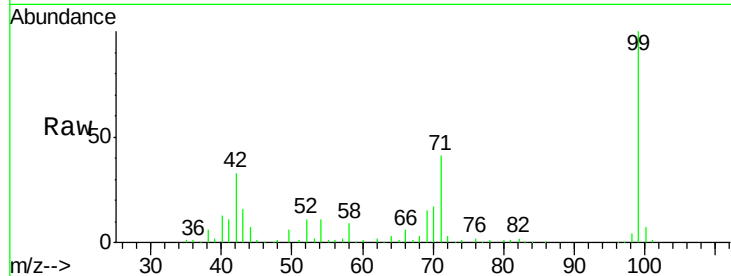
Tot Ion: 99 Resp: 440729

Ion Ratio Lower Upper

99 100

42 32.9 13.6 20.4#

71 40.9 24.6 36.8#



#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

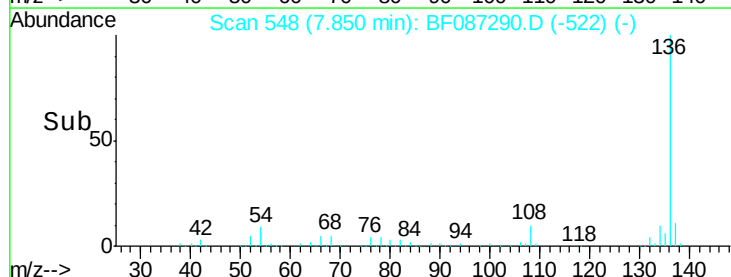
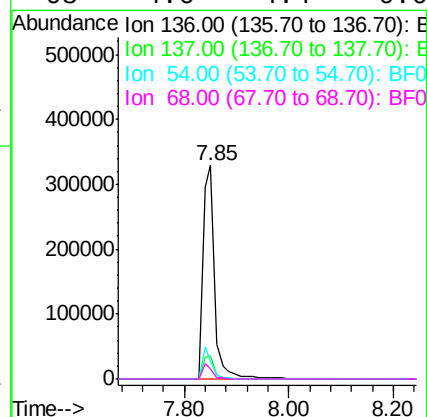
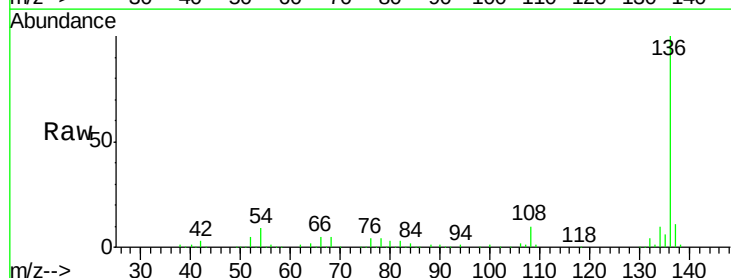
Ion Ratio Lower Upper

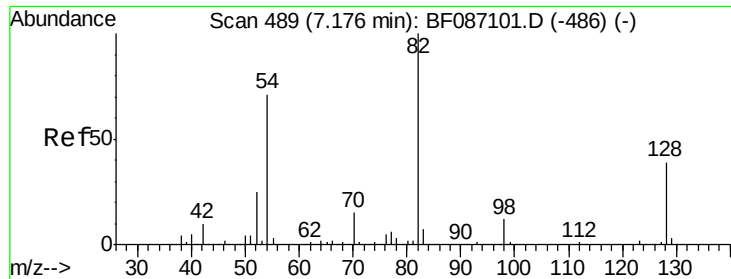
136 100

137 10.6 8.8 13.2

54 8.6 5.0 7.4#

68 4.6 4.4 6.6

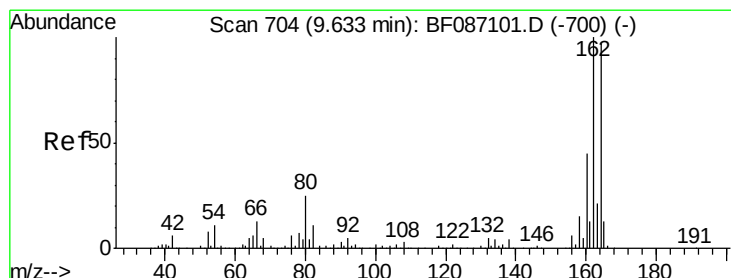
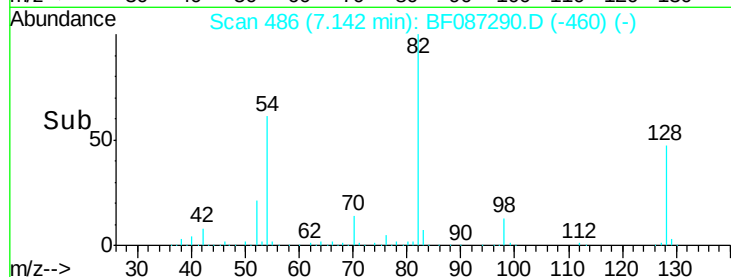
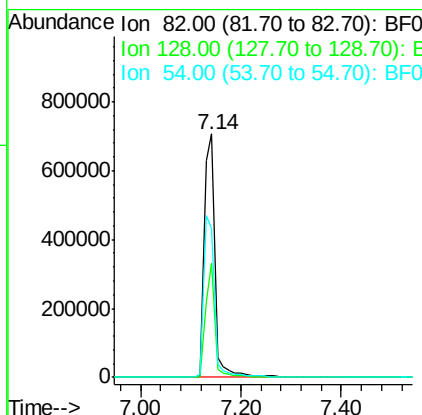
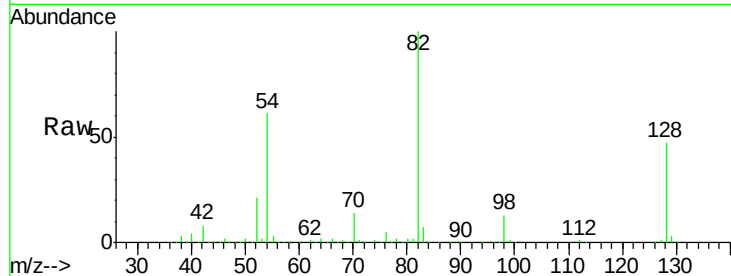




#23
 Nitrobenzene-d5
 Concen: 102.13 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

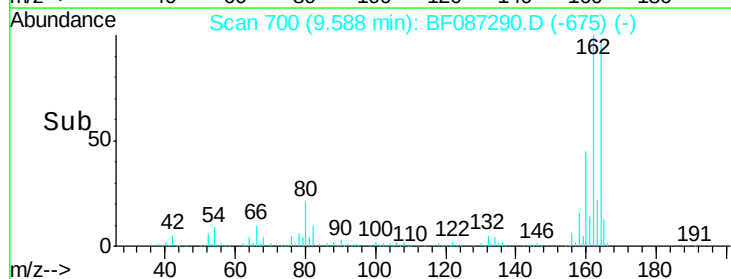
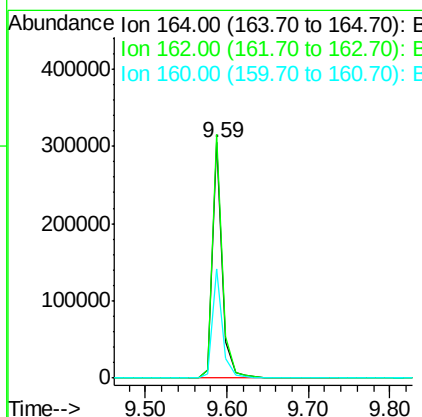
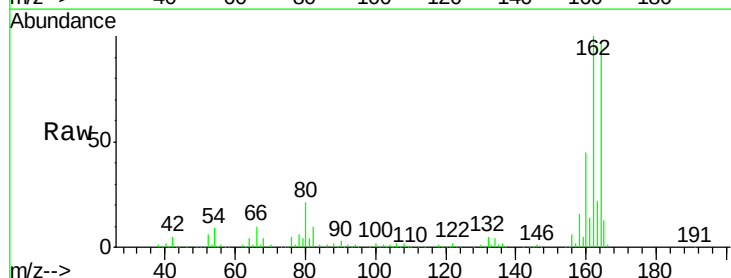
Instrument :
 BNA_F
 ClientSampleId :
 ULMER-FIELDBLANK-1-5-17-16

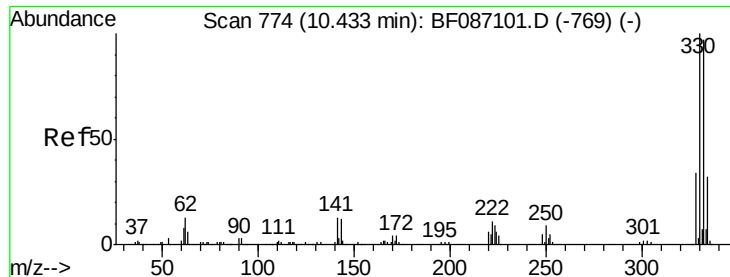
Tot Ion: 82 Resp: 1047136
 Ion Ratio Lower Upper
 82 100
 128 47.1 40.6 61.0
 54 61.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 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

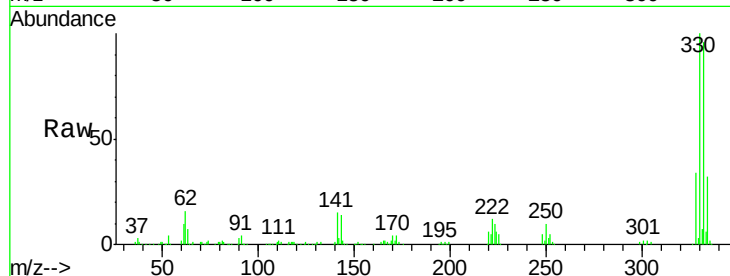




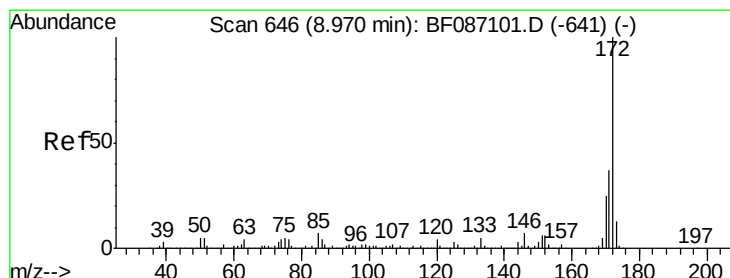
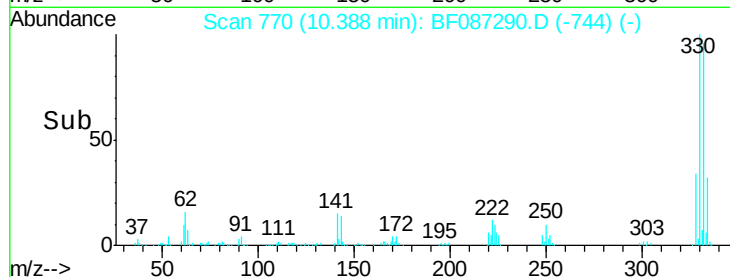
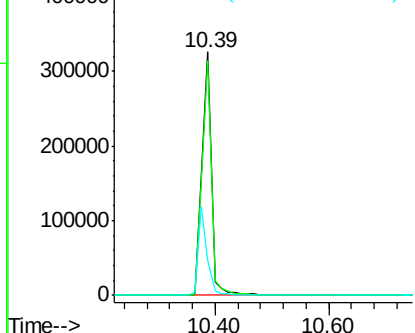
#41
 2,4,6-Tribromophenol
 Concen: 127.55 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	34.8	31.2	46.8

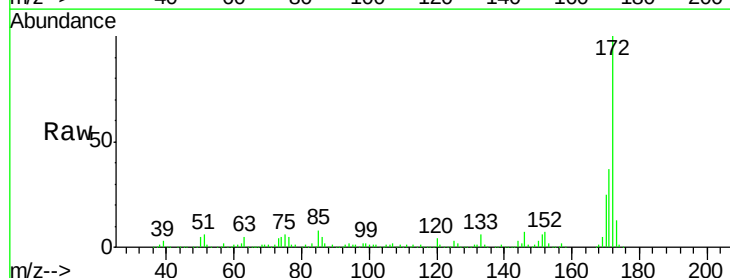


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

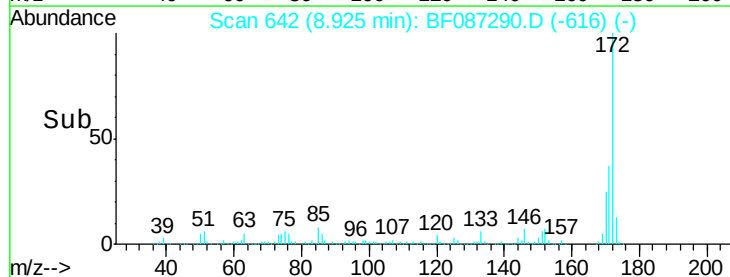
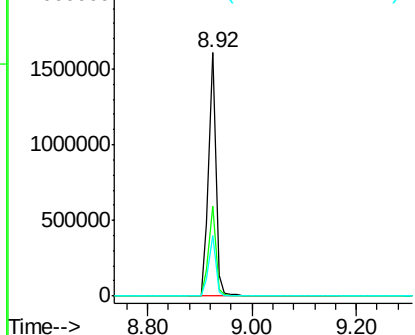


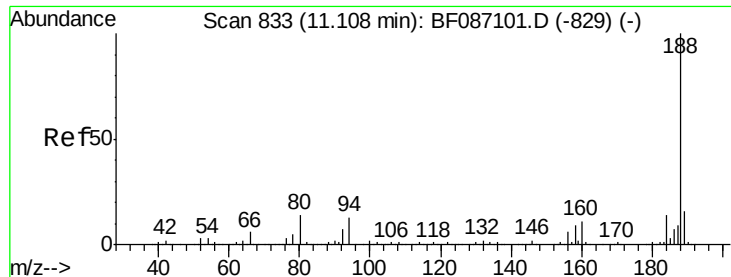
#44
 2-Fluorobiphenyl
 Concen: 100.48 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

Tgt Ion	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

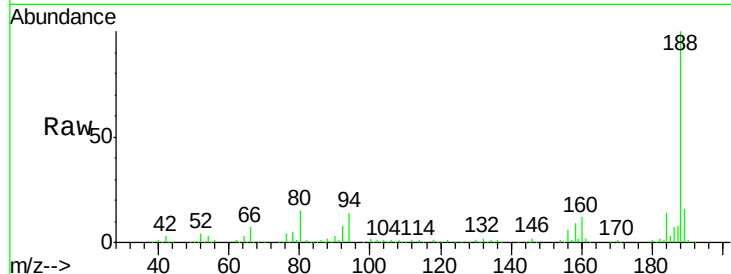




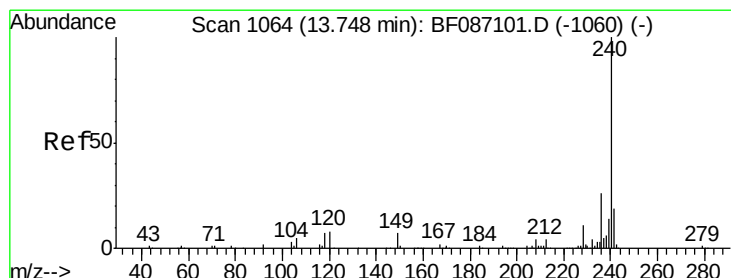
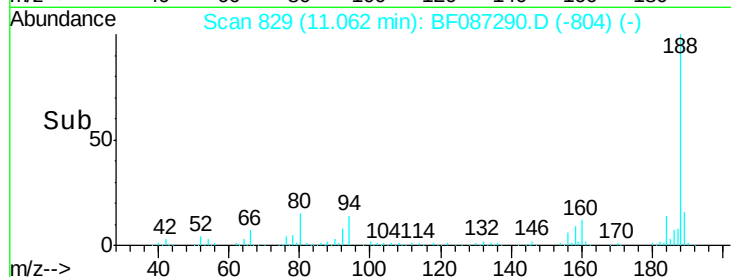
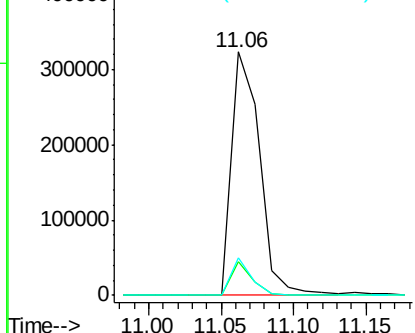
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087290.D
Acq: 22 May 2016 14:52

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

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

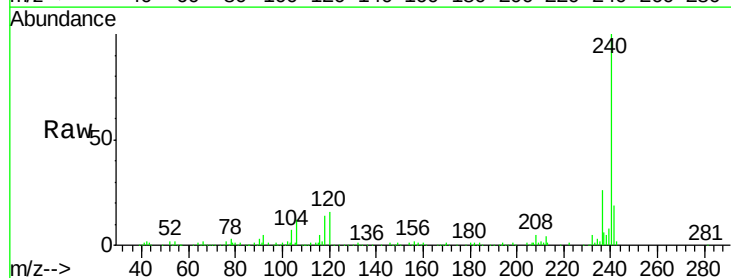


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

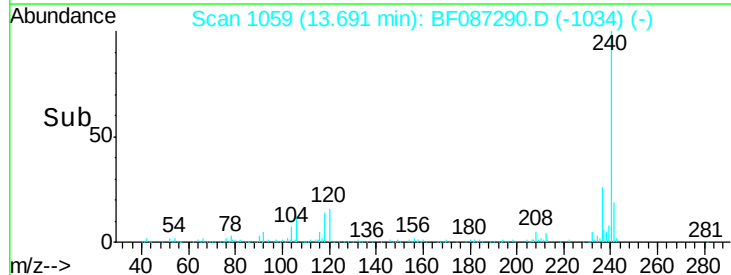
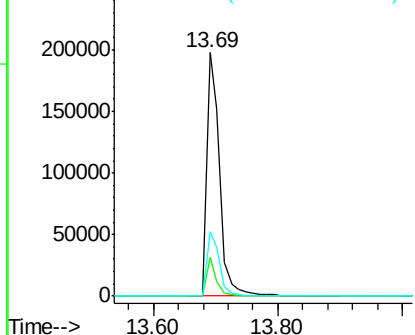


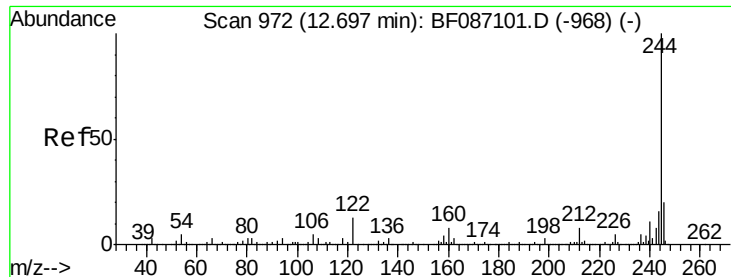
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087290.D
Acq: 22 May 2016 14:52

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

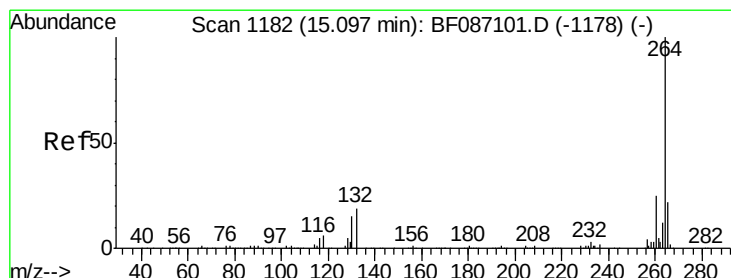
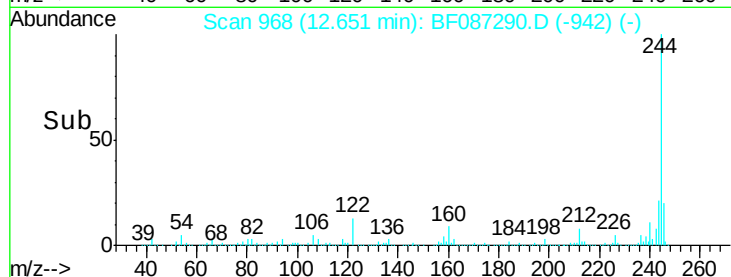
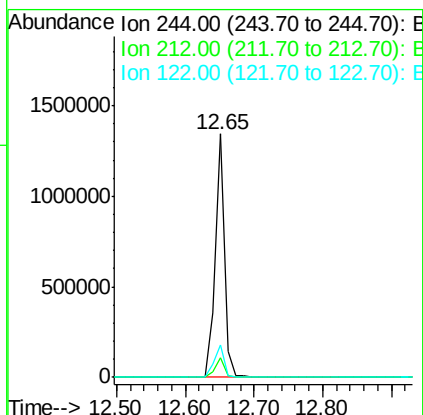
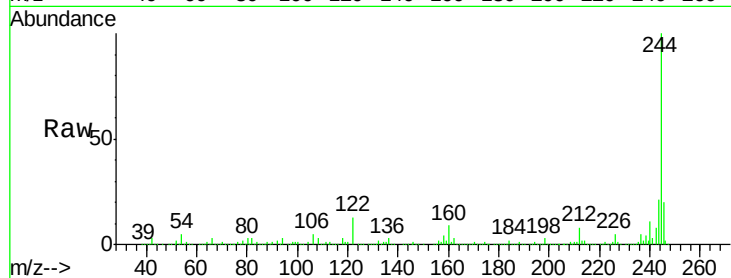




#78
 Terphenyl-d14
 Concen: 105.39 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

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

Tot Ion:244 Resp: 1293048
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.4 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF087290.D
 Acq: 22 May 2016 14:52

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

