

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087222.D
 Acq On : 20 May 2016 10:00
 Operator : UM/SJ
 Sample : H3121-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-01

Quant Time: May 20 14:48:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	136529	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	526724	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	241770	20.00	ng	-0.05
63) Phenanthrene-d10	11.08	188	368362	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	275277	20.00	ng	-0.06
86) Perylene-d12	15.06	264	257668	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	628806	77.41	ng	-0.05
7) Phenol-d6	6.24	99	553178	50.78	ng	-0.05
23) Nitrobenzene-d5	7.14	82	1063109	100.59	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	394334	147.60	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1467652	100.54	ng	-0.05
78) Terphenyl-d14	12.66	244	907952	74.61	ng	-0.05

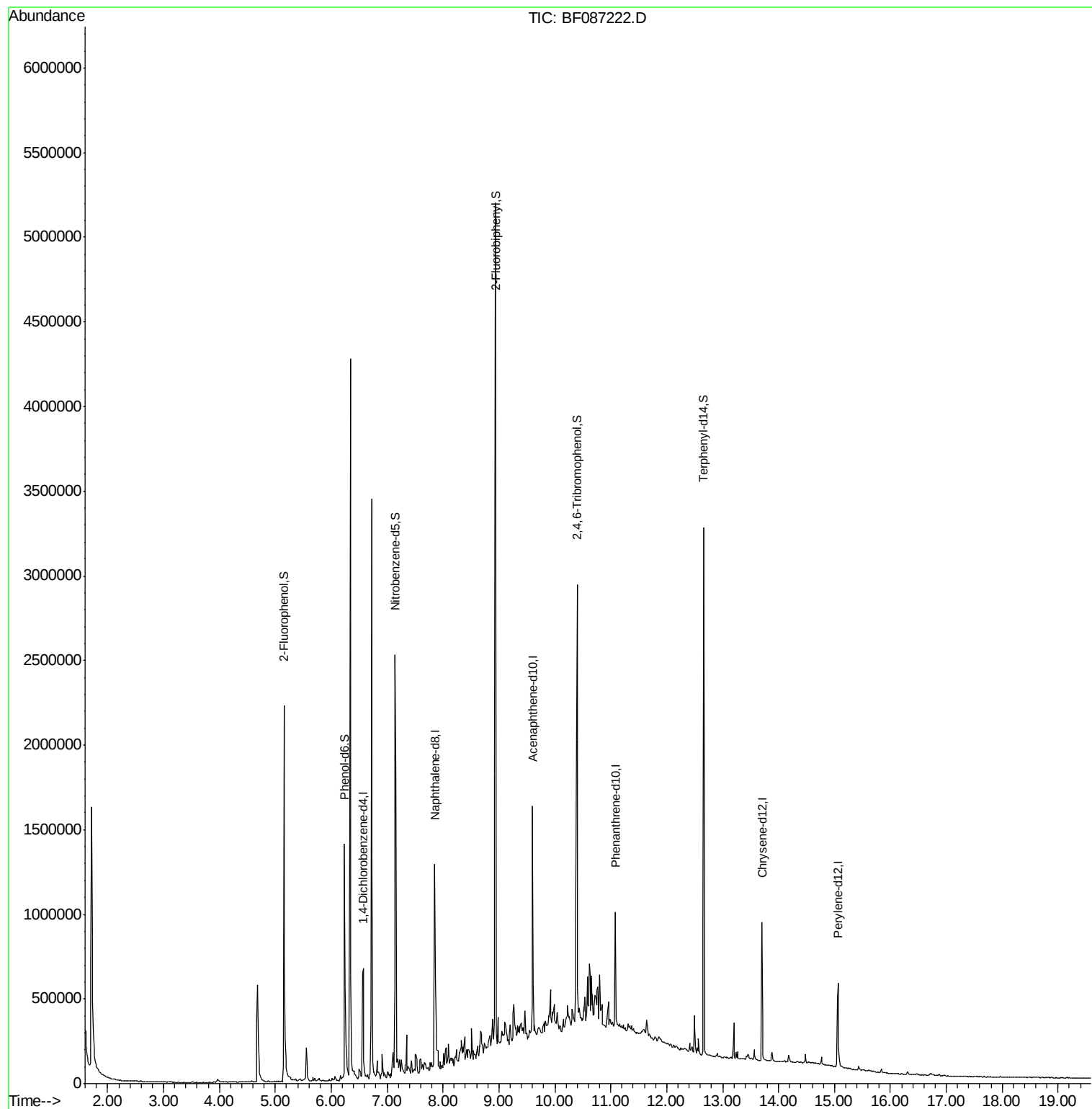
Target Compounds	Qvalue
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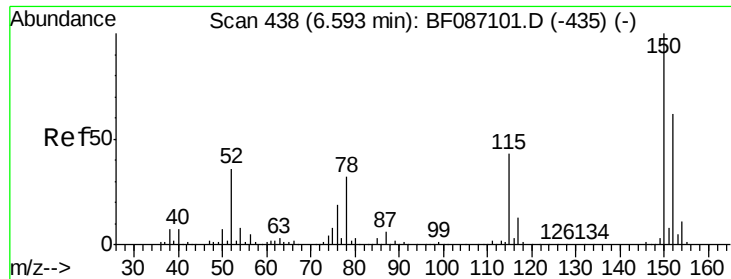
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

Instrument :

BNA_F

ClientSampleId :

ULMW-01

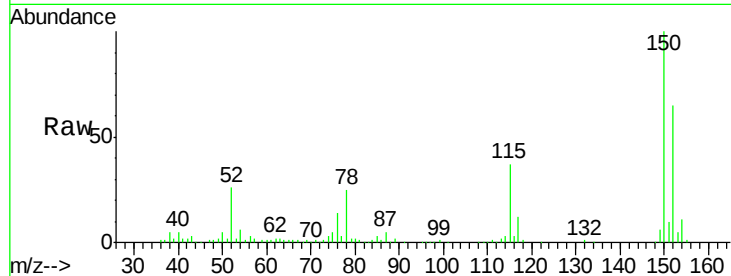
Tgt Ion:152 Resp: 136529

Ion Ratio Lower Upper

152 100

150 154.6 125.8 188.6

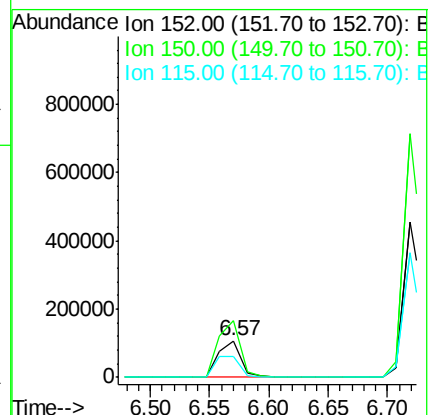
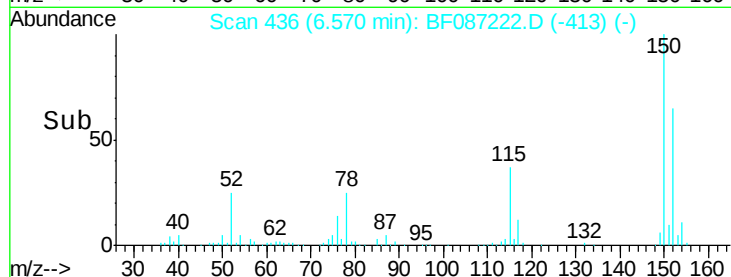
115 57.1 51.5 77.3



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: 77.41 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.05 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

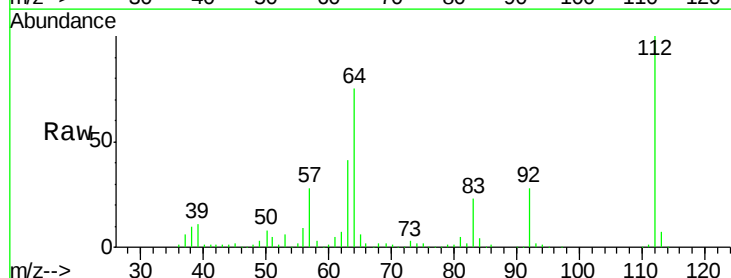
Tgt Ion:112 Resp: 628806

Ion Ratio Lower Upper

112 100

64 75.0 52.1 78.1

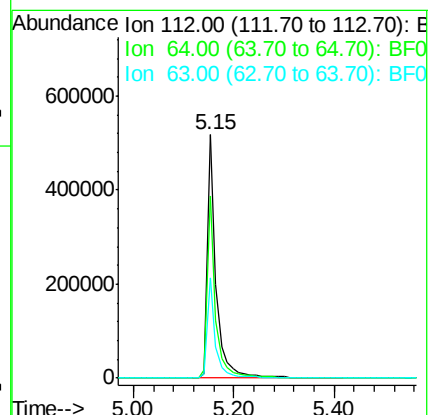
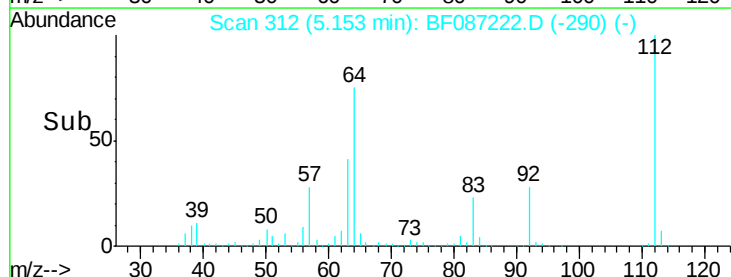
63 41.1 25.7 38.5#

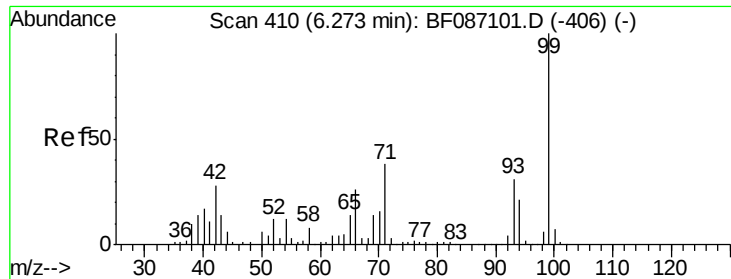


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.78 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

Instrument :

BNA_F

ClientSampleId :

ULMW-01

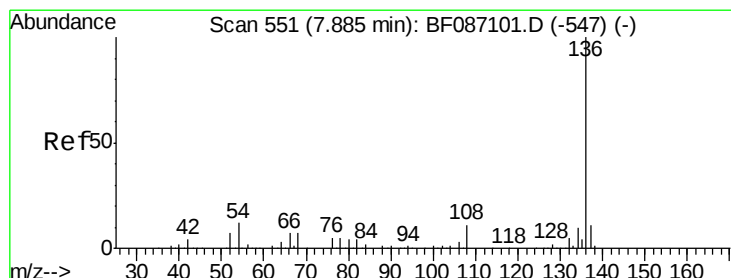
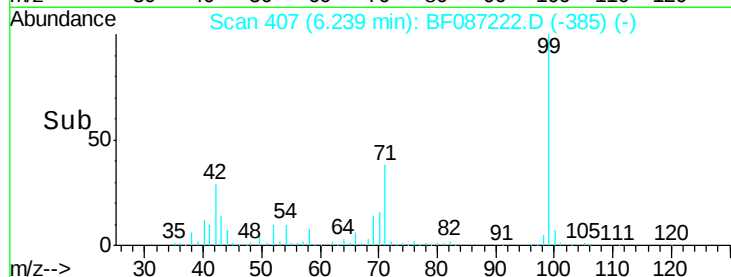
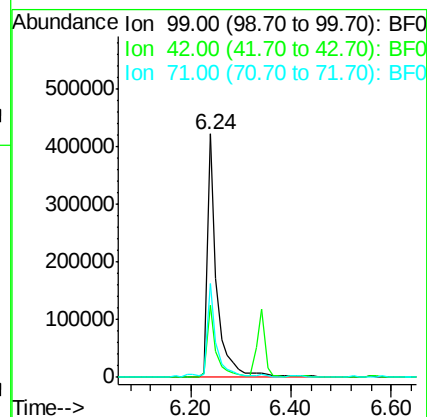
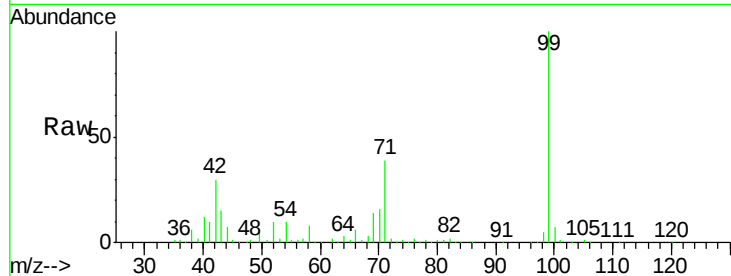
Tgt Ion: 99 Resp: 553178

Ion Ratio Lower Upper

99 100

42 29.5 13.6 20.4#

71 38.5 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF087222.D

Acq: 20 May 2016 10:00

Tgt Ion: 136 Resp: 526724

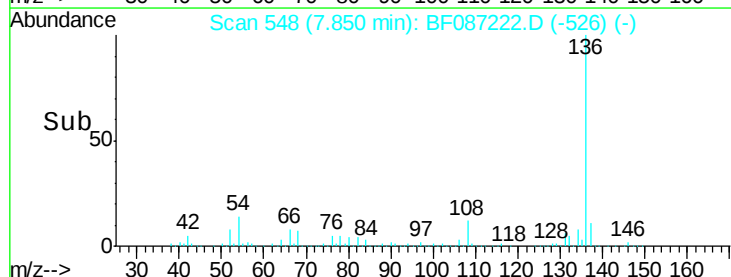
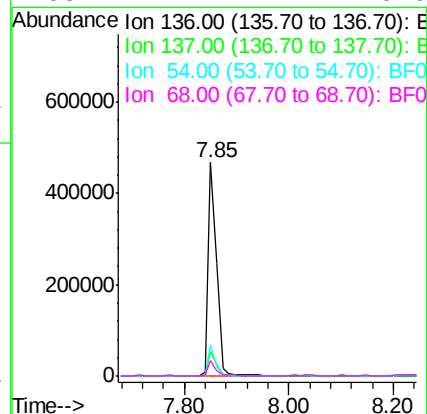
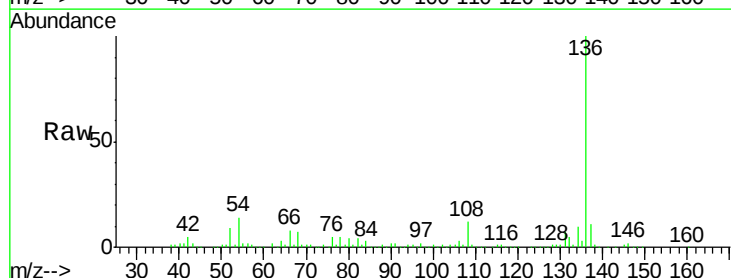
Ion Ratio Lower Upper

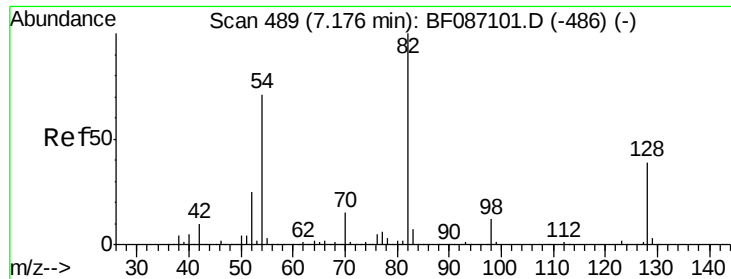
136 100

137 11.4 8.8 13.2

54 14.4 5.0 7.4#

68 7.1 4.4 6.6#

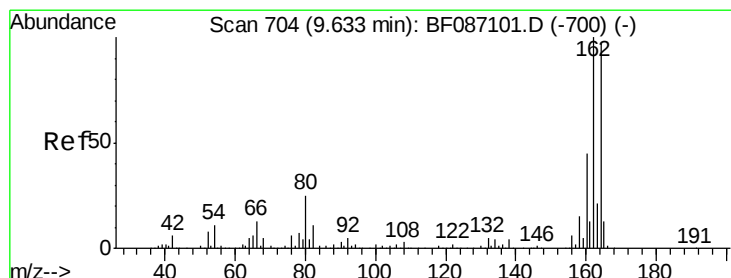
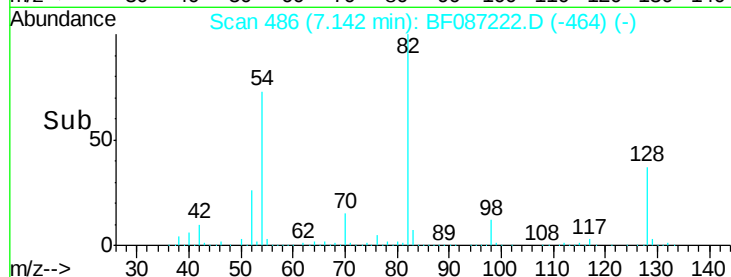
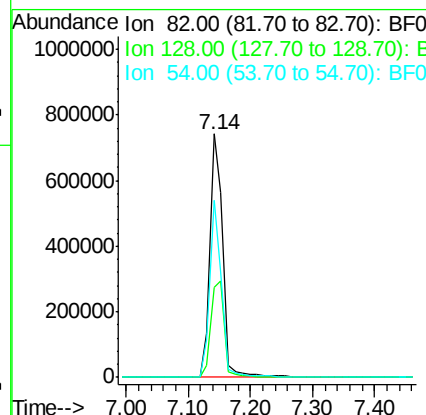
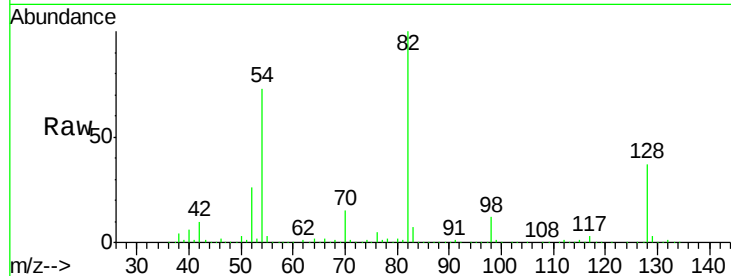




#23
 Nitrobenzene-d5
 Concen: 100.59 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.05 min
 Lab File: BF087222.D
 Acq: 20 May 2016 10:00

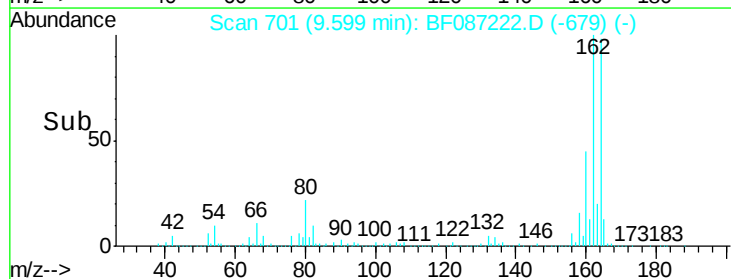
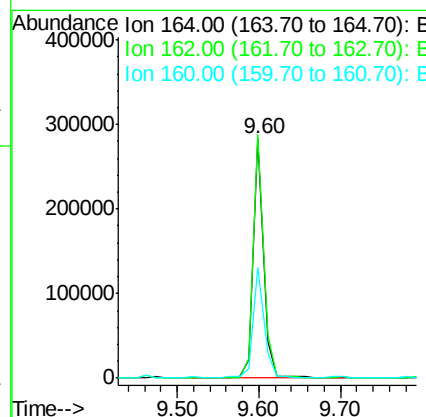
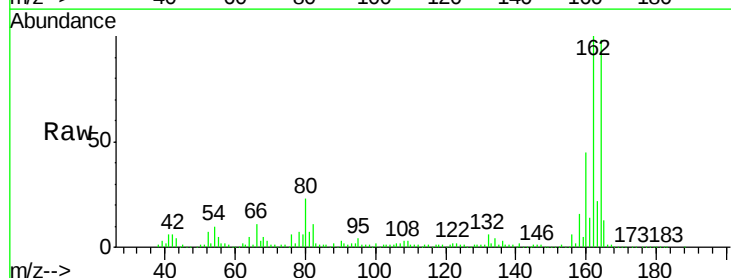
Instrument :
 BNA_F
 ClientSampleId :
 ULMW-01

Tgt Ion: 82 Resp: 1063109
 Ion Ratio Lower Upper
 82 100
 128 37.1 40.6 61.0#
 54 72.9 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF087222.D
 Acq: 20 May 2016 10:00

Tgt Ion: 164 Resp: 241770
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.8 124.2
 160 45.9 36.9 55.3

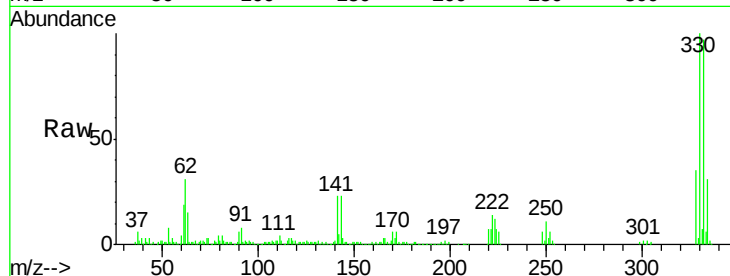




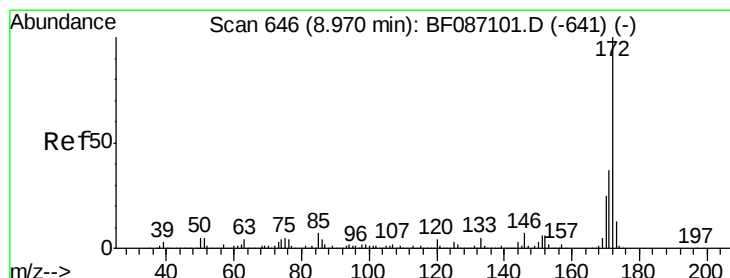
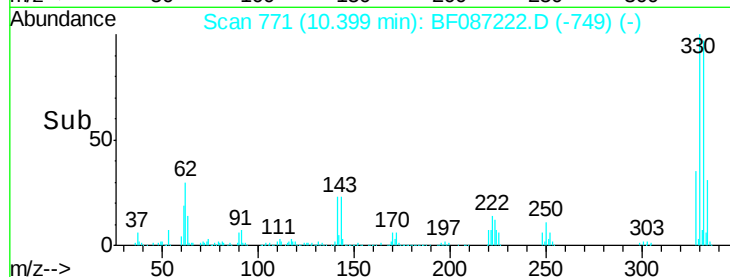
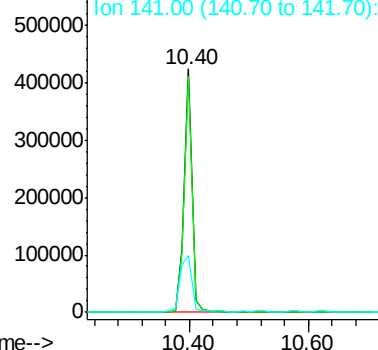
#41
 2,4,6-Tribromophenol
 Concen: 147.60 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087222.D
 Acq: 20 May 2016 10:00

Instrument :
 BNA_F
 ClientSampled :
 ULMW-01

Tgt Ion:330 Resp: 394334
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 33.9 31.2 46.8

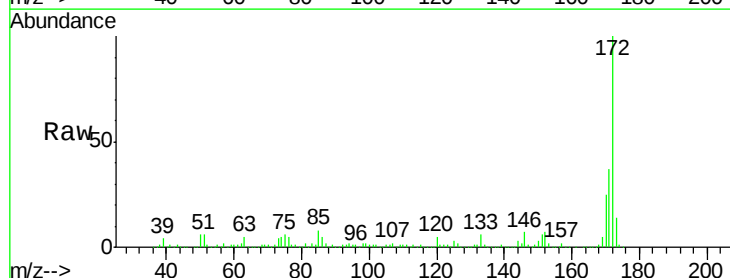


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

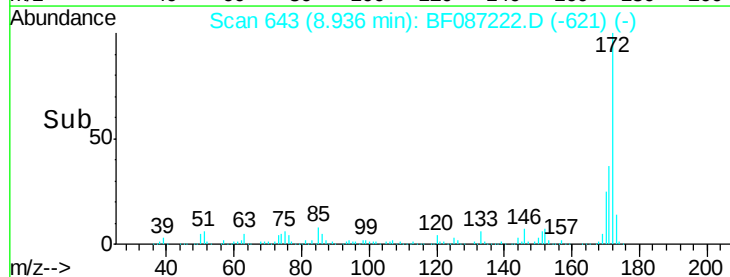
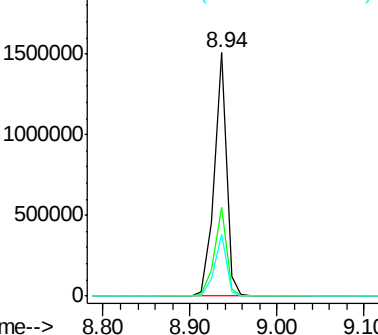


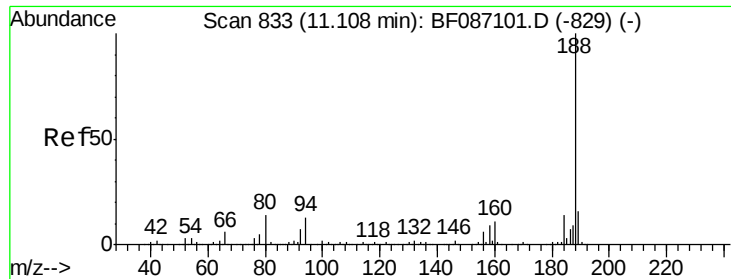
#44
 2-Fluorobiphenyl
 Concen: 100.54 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.05 min
 Lab File: BF087222.D
 Acq: 20 May 2016 10:00

Tgt Ion:172 Resp: 1467652
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 25.2 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

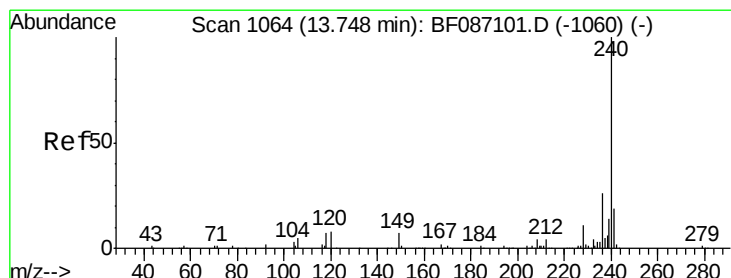
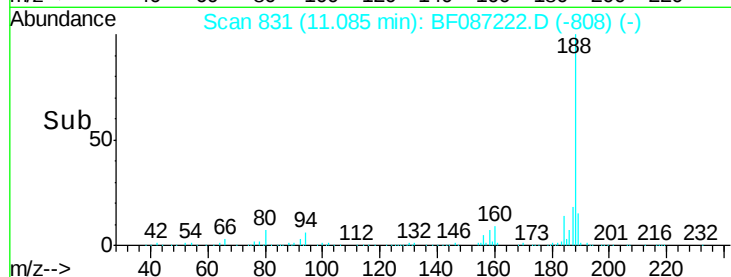
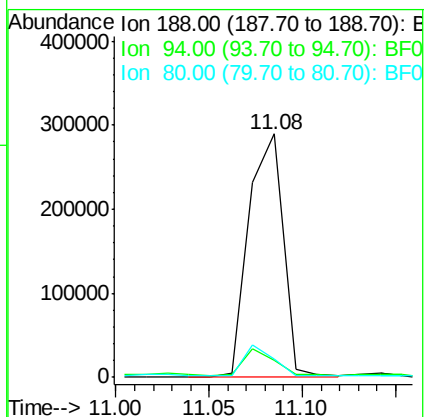
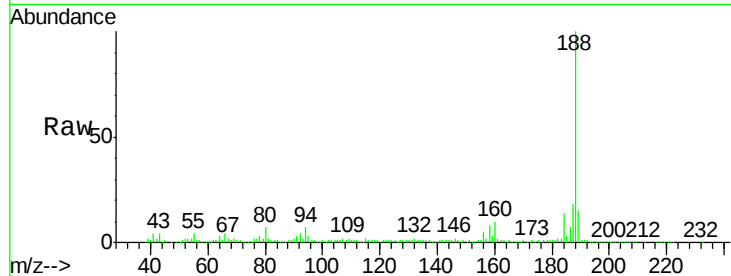




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087222.D
Acq: 20 May 2016 10:00

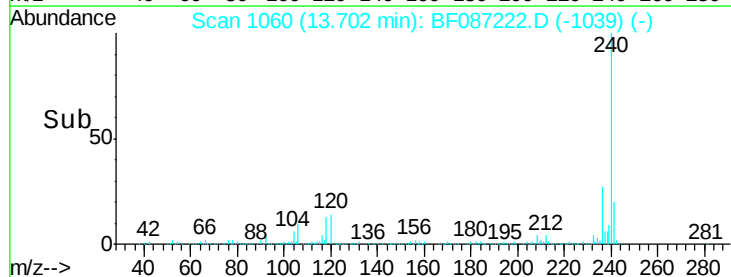
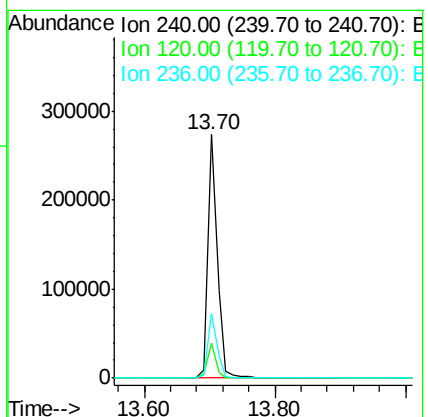
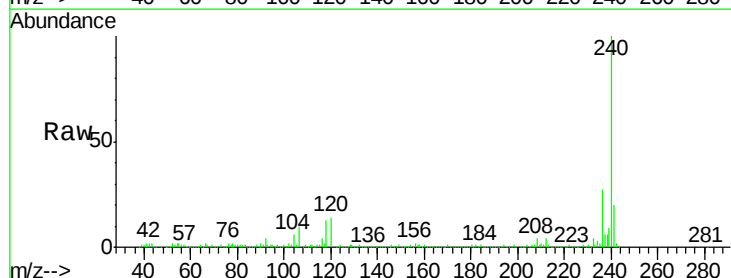
Instrument :
BNA_F
ClientSampleId :
ULMW-01

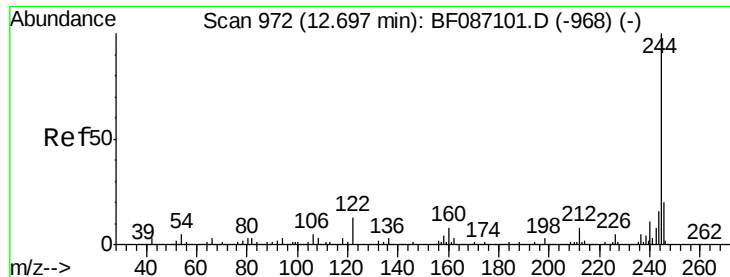
Tgt Ion:188 Resp: 368362
Ion Ratio Lower Upper
188 100
94 7.0 6.8 10.2
80 7.3 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.06 min
Lab File: BF087222.D
Acq: 20 May 2016 10:00

Tgt Ion:240 Resp: 275277
Ion Ratio Lower Upper
240 100
120 14.3 11.2 16.8
236 26.6 21.2 31.8

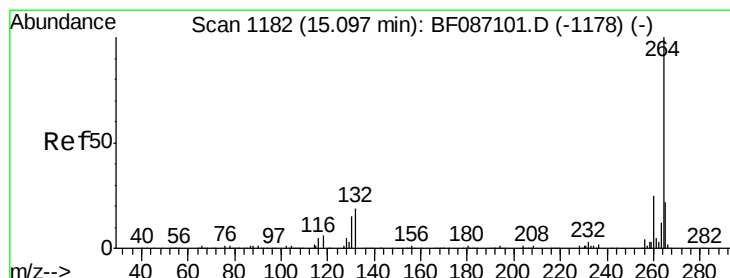
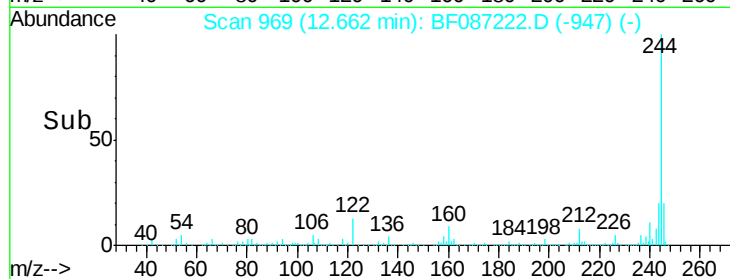
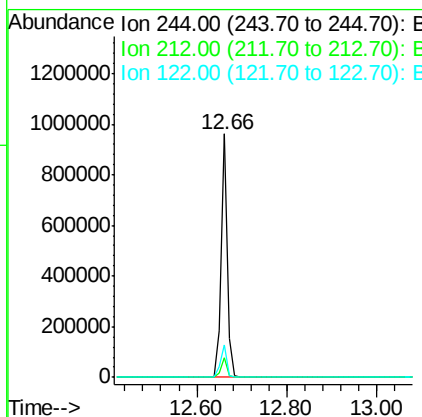
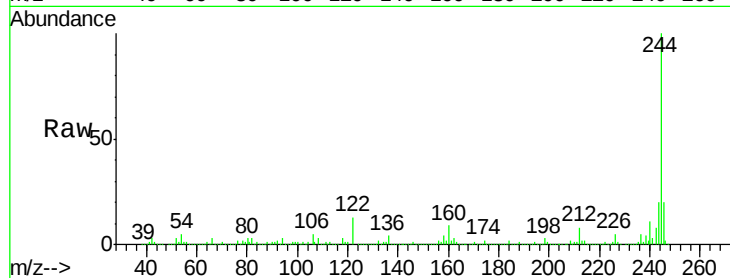




#78
 Terphenyl-d14
 Concen: 74.61 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.05 min
 Lab File: BF087222.D
 Acq: 20 May 2016 10:00

Instrument :
 BNA_F
 ClientSampleId :
 ULMW-01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	13.5	12.0	18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087222.D
 Acq: 20 May 2016 10:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.9	17.3	25.9

