

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087291.D
 Acq On : 22 May 2016 15:21
 Operator : UM/SJ
 Sample : H3172-07
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: May 23 04:21:49 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	123452	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	518910	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	253038	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	437767	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	304691	20.00	ng	-0.01
86) Perylene-d12	15.05	264	240745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	375949	51.19	ng	0.00
7) Phenol-d6	6.23	99	339618	34.48	ng	-0.01
23) Nitrobenzene-d5	7.13	82	654746	62.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	222546	79.59	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1201918	78.67	ng	0.00
78) Terphenyl-d14	12.65	244	1037344	77.01	ng	0.00

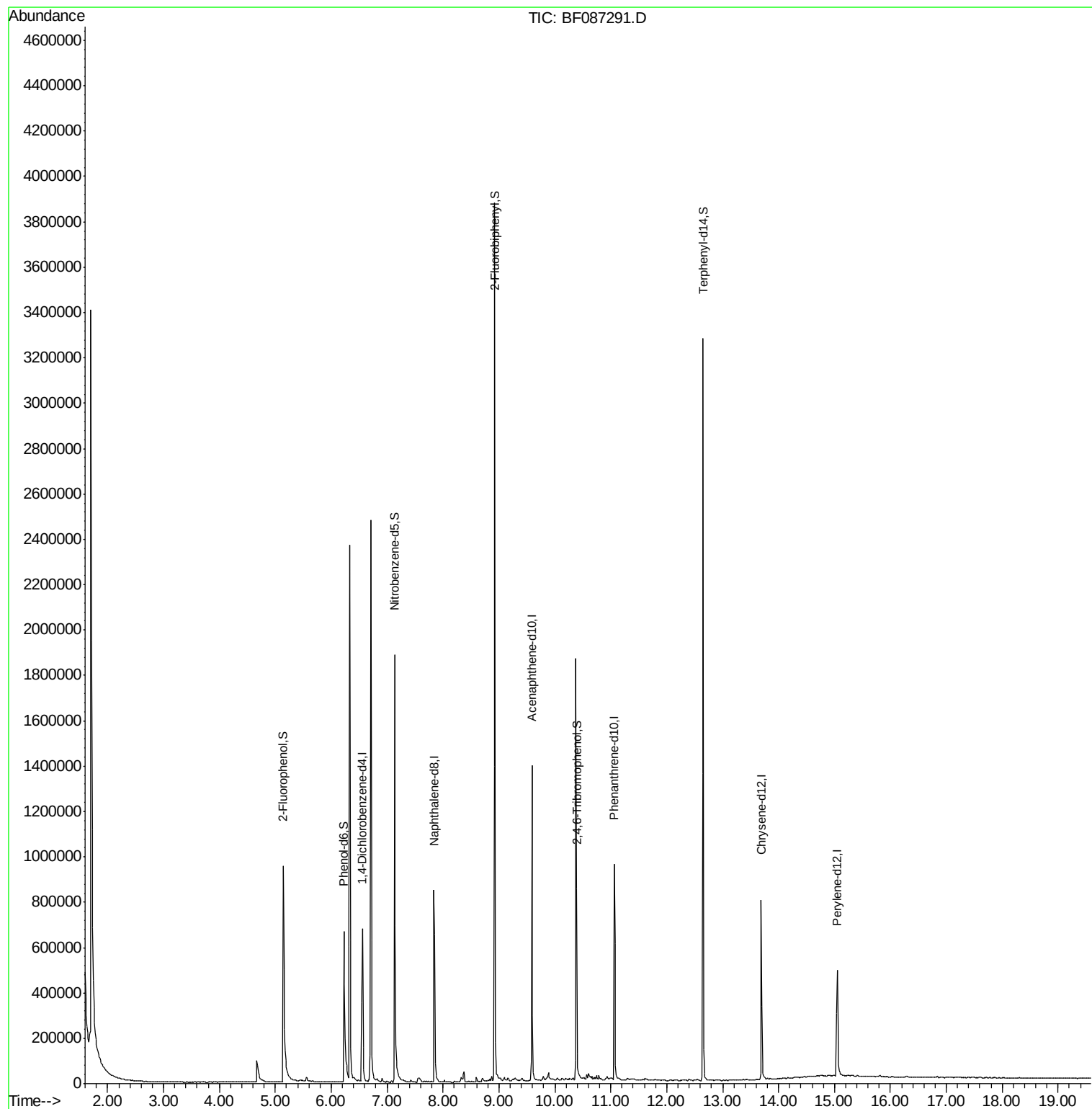
Target Compounds Qvalue

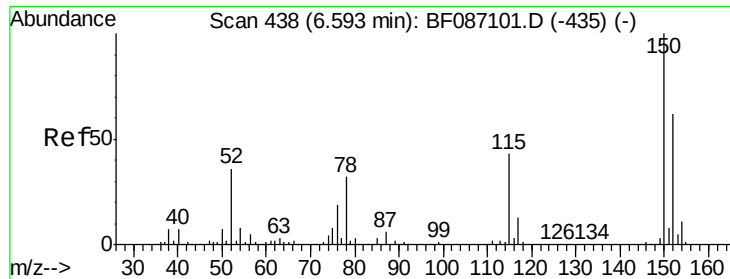
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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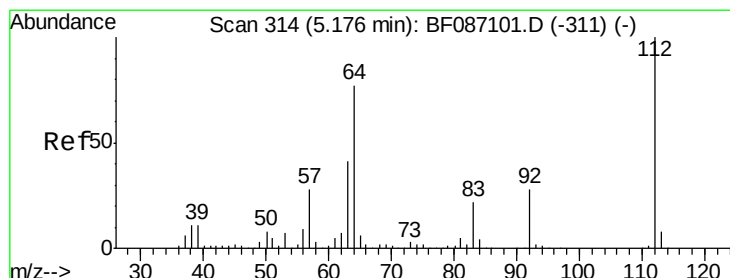
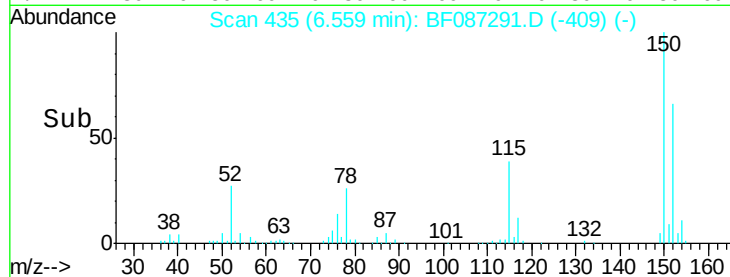
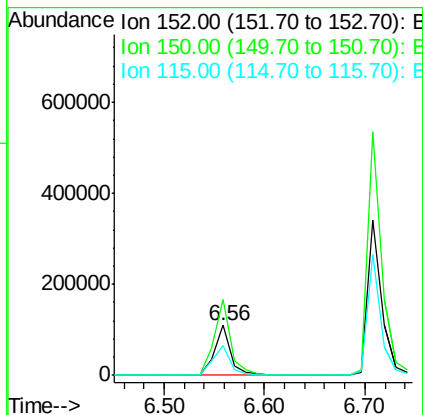
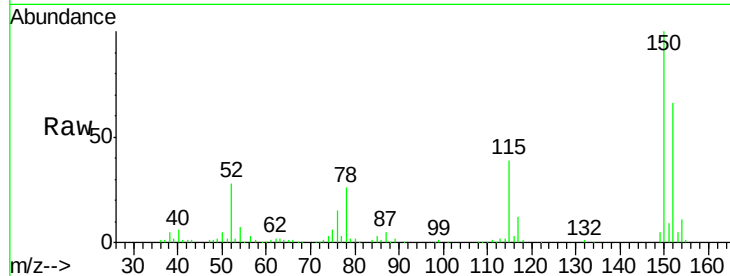


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Instrument :
BNA_F
ClientSampleId :
MW-15

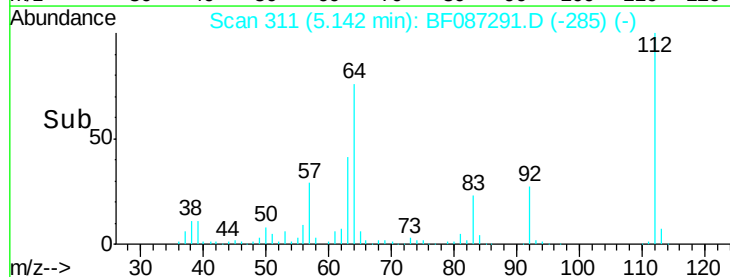
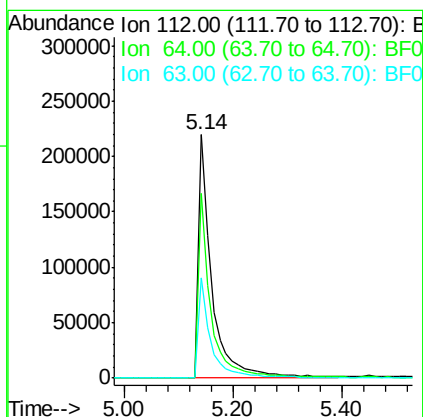
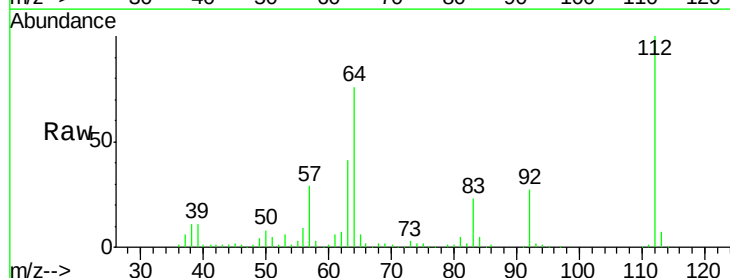
Tot Ion:152 Resp: 123452
Ion Ratio Lower Upper
152 100
150 152.3 125.8 188.6
115 60.1 51.5 77.3

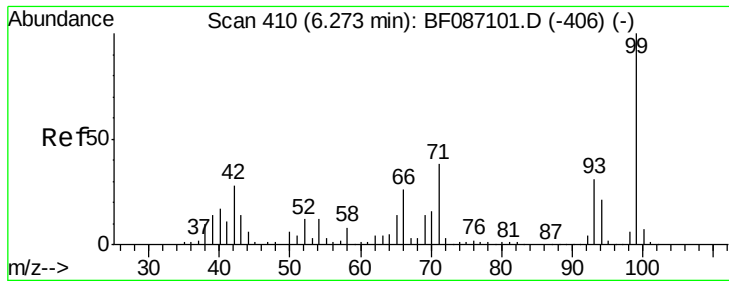


#5

2-Fluorophenol
Concen: 51.19 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Tgt Ion:112 Resp: 375949
Ion Ratio Lower Upper
112 100
64 75.6 52.1 78.1
63 41.3 25.7 38.5#





#7

Phenol-d6

Concen: 34.48 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087291.D

Acq: 22 May 2016 15:21

Instrument :

BNA_F

ClientSampled :

MW-15

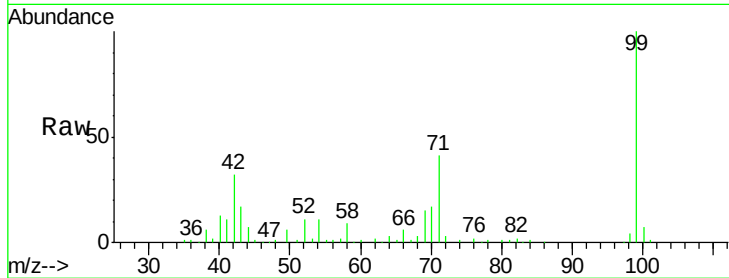
Tot Ion: 99 Resp: 339618

Ion Ratio Lower Upper

99 100

42 32.4 13.6 20.4#

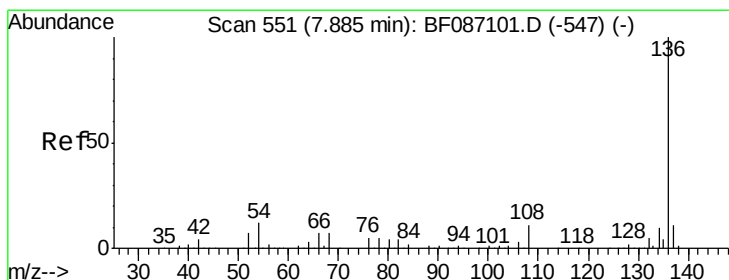
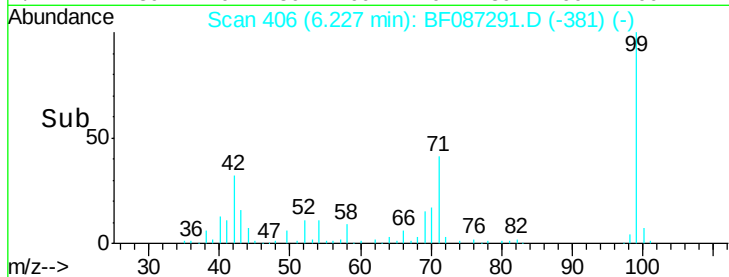
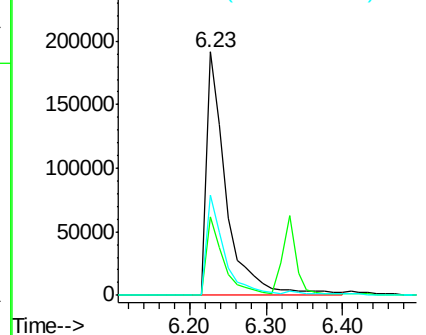
71 41.1 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087291.D

Acq: 22 May 2016 15:21

Tgt Ion: 136 Resp: 518910

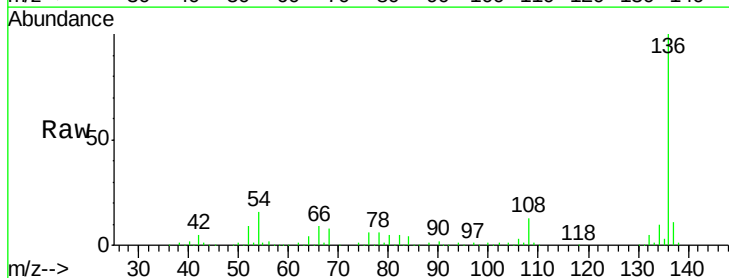
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 15.9 5.0 7.4#

68 7.9 4.4 6.6#

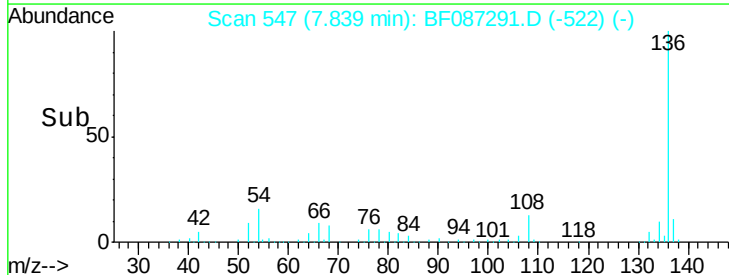
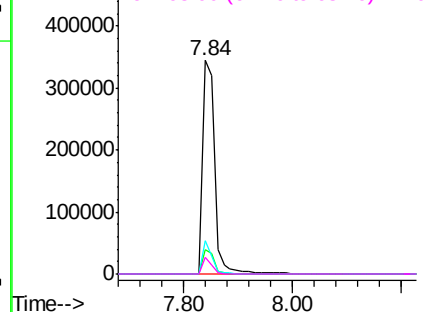


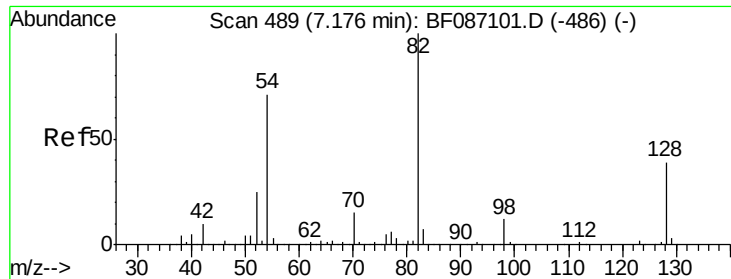
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

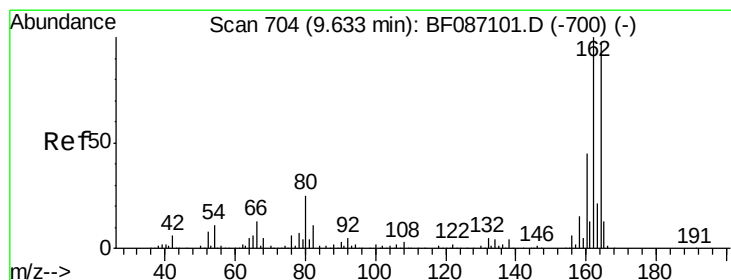
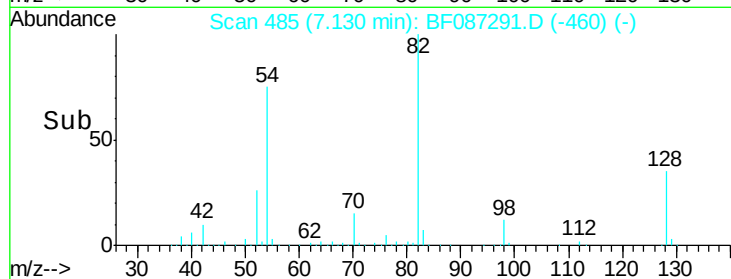
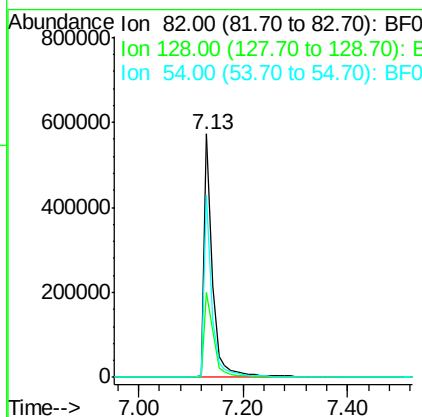
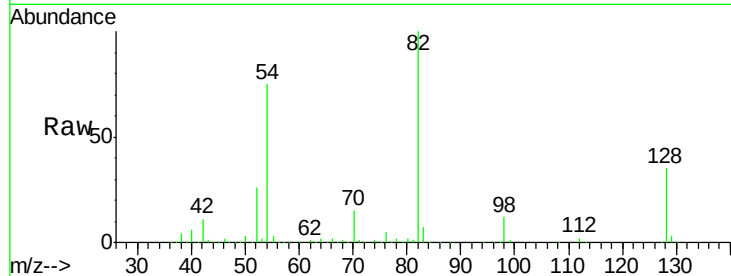




#23
 Nitrobenzene-d5
 Concen: 62.88 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087291.D
 Acq: 22 May 2016 15:21

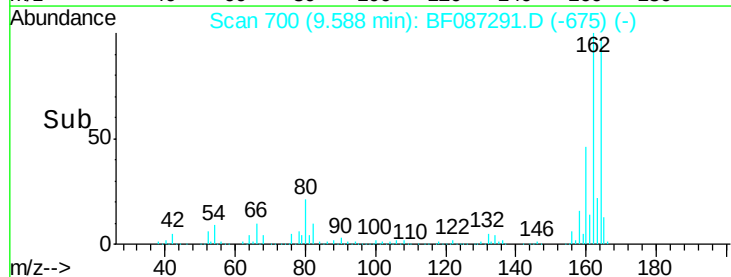
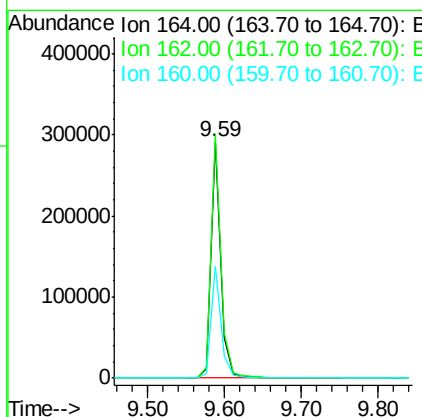
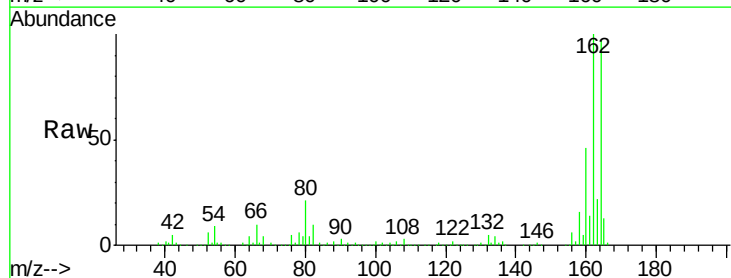
Instrument :
 BNA_F
 ClientSampleId :
 MW-15

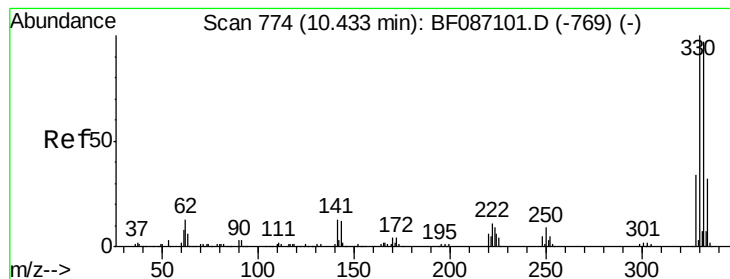
Tot Ion	82	Resp	654746
Ion Ratio	Lower	Upper	
82	100		
128	35.0	40.6	61.0#
54	74.6	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF087291.D
 Acq: 22 May 2016 15:21

Tgt Ion	164	Resp	253038
Ion Ratio	Lower	Upper	
164	100		
162	103.1	82.8	124.2
160	47.3	36.9	55.3

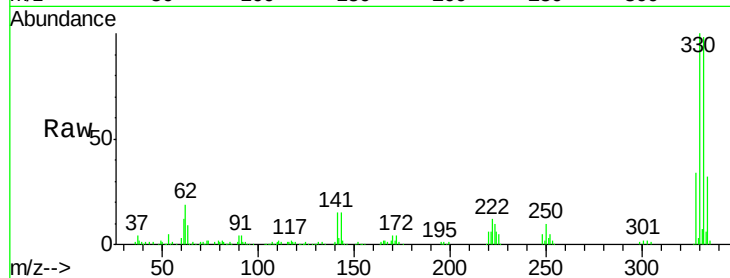




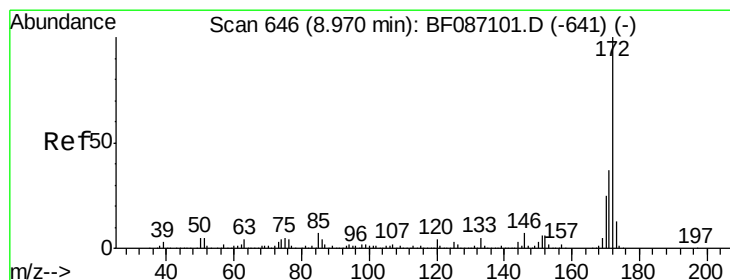
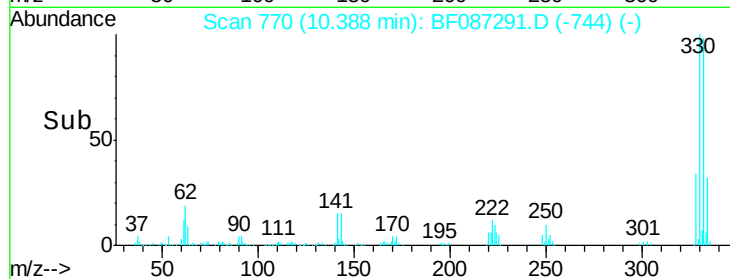
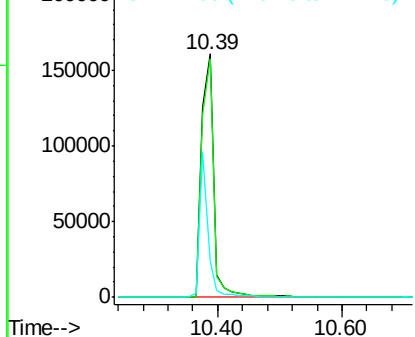
#41
 2,4,6-Tribromophenol
 Concen: 79.59 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087291.D
 Acq: 22 May 2016 15:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	42.3	31.2	46.8

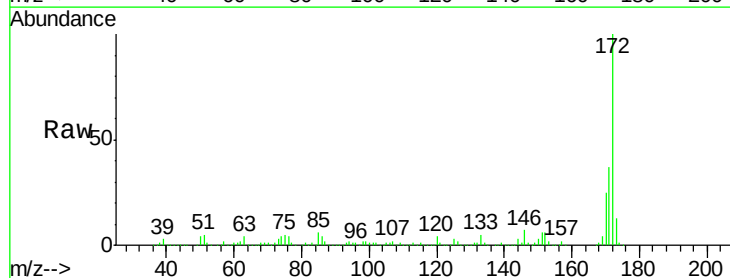


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

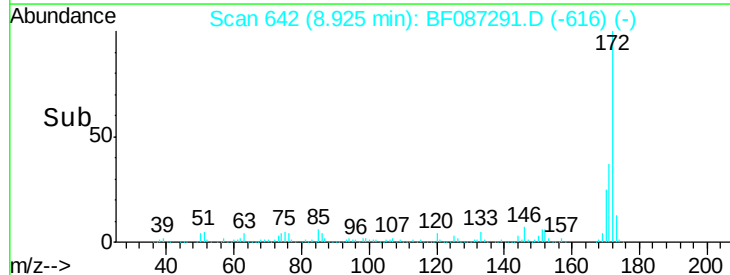
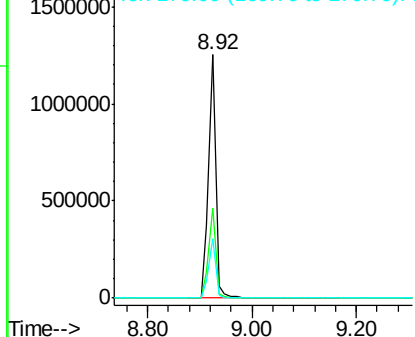


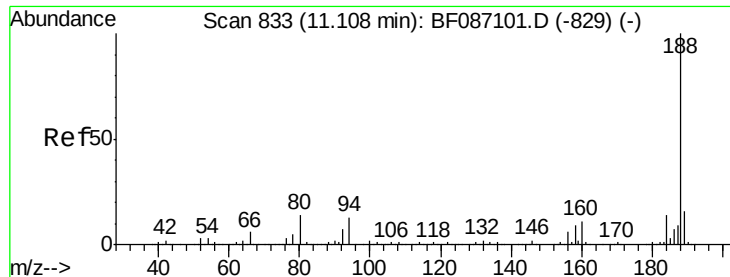
#44
 2-Fluorobiphenyl
 Concen: 78.67 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087291.D
 Acq: 22 May 2016 15:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.6	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

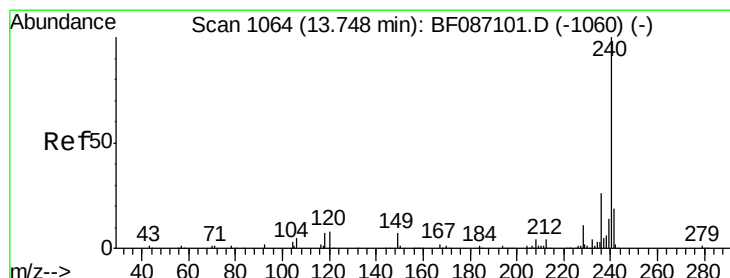
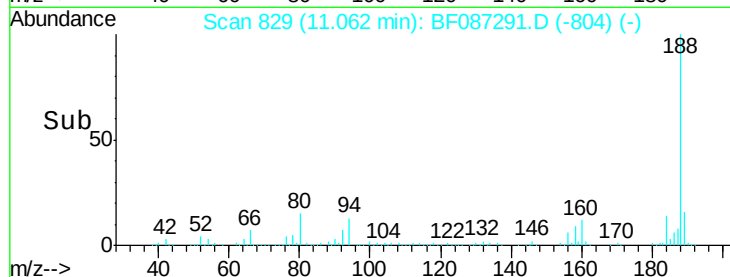
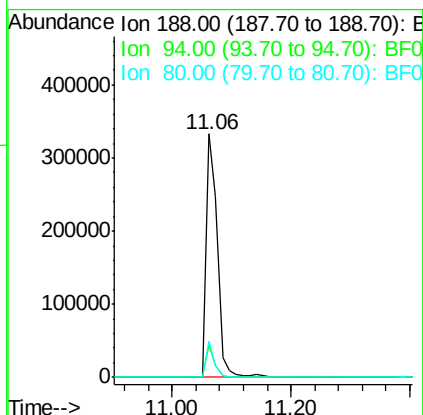
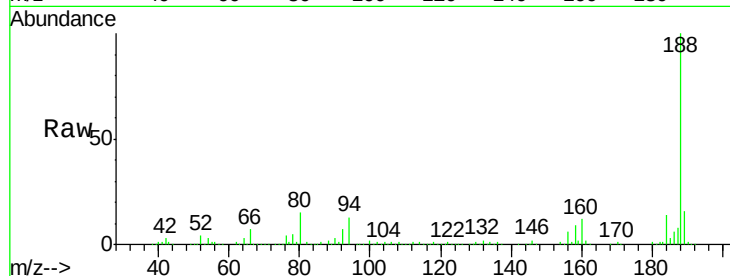




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

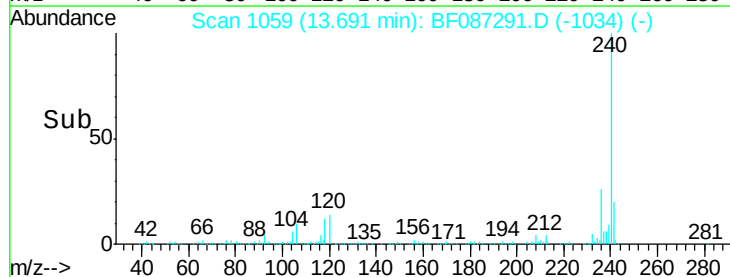
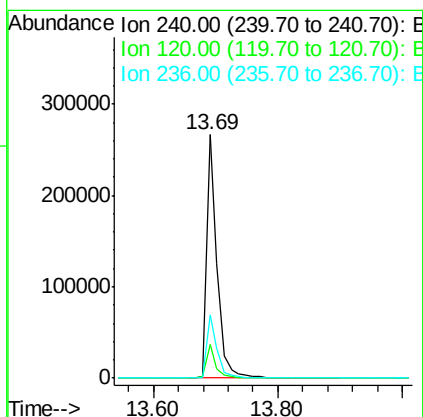
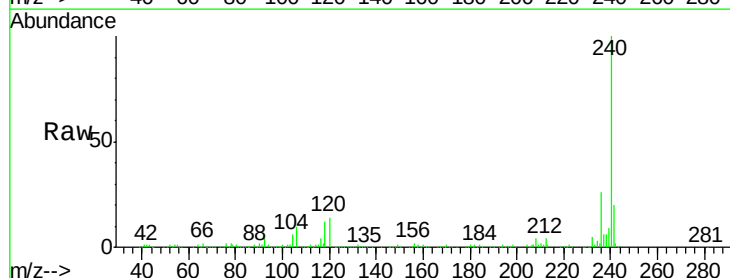
Instrument :
BNA_F
ClientSampleId :
MW-15

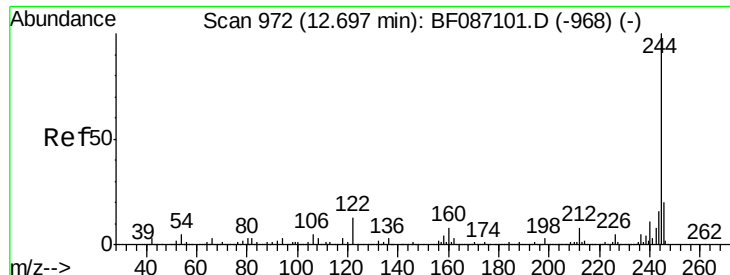
Tot Ion:188 Resp: 437767
Ion Ratio Lower Upper
188 100
94 13.3 6.8 10.2#
80 15.0 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087291.D
Acq: 22 May 2016 15:21

Tgt Ion:240 Resp: 304691
Ion Ratio Lower Upper
240 100
120 13.6 11.2 16.8
236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 77.01 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087291.D

Acq: 22 May 2016 15:21

Instrument :

BNA_F

ClientSampleId :

MW-15

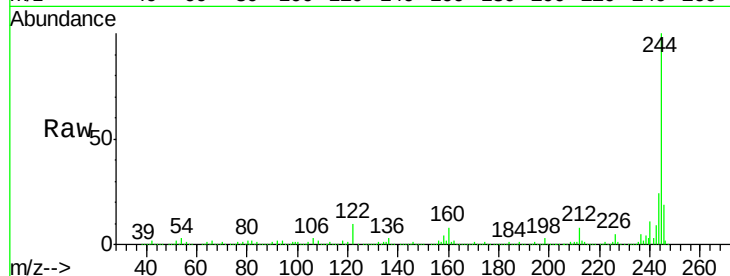
Tot Ion:244 Resp: 1037344

Ion Ratio Lower Upper

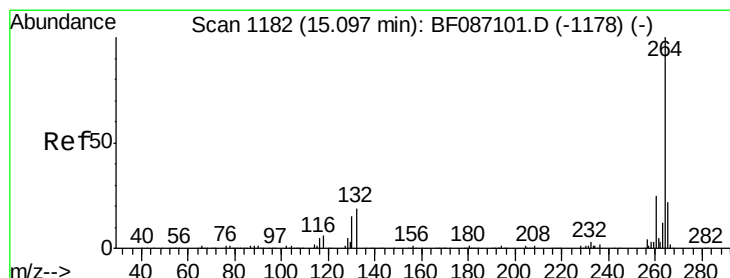
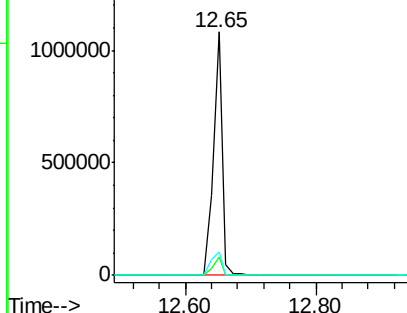
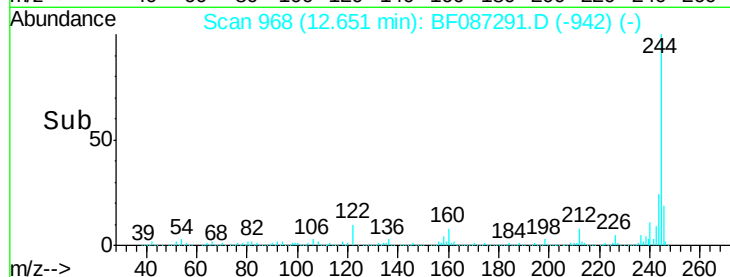
244 100

212 7.6 6.2 9.2

122 9.8 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. 0.00 min

Lab File: BF087291.D

Acq: 22 May 2016 15:21

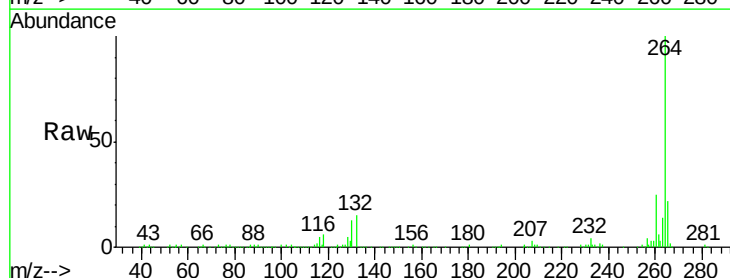
Tgt Ion:264 Resp: 240745

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.8 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

