

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087289.D
 Acq On : 22 May 2016 14:23
 Operator : UM/SJ
 Sample : H3172-05
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: May 23 04:13:34 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	118632	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	481211	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	232326	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	392783	20.00	ng	0.00
75) Chrysene-d12	13.69	240	255233	20.00	ng	-0.01
86) Perylene-d12	15.05	264	216913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	559732	79.31	ng	0.00
7) Phenol-d6	6.23	99	471457	49.81	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1033918	107.08	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	363824	141.71	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1467517	104.61	ng	0.00
78) Terphenyl-d14	12.65	244	1017190	90.15	ng	0.00

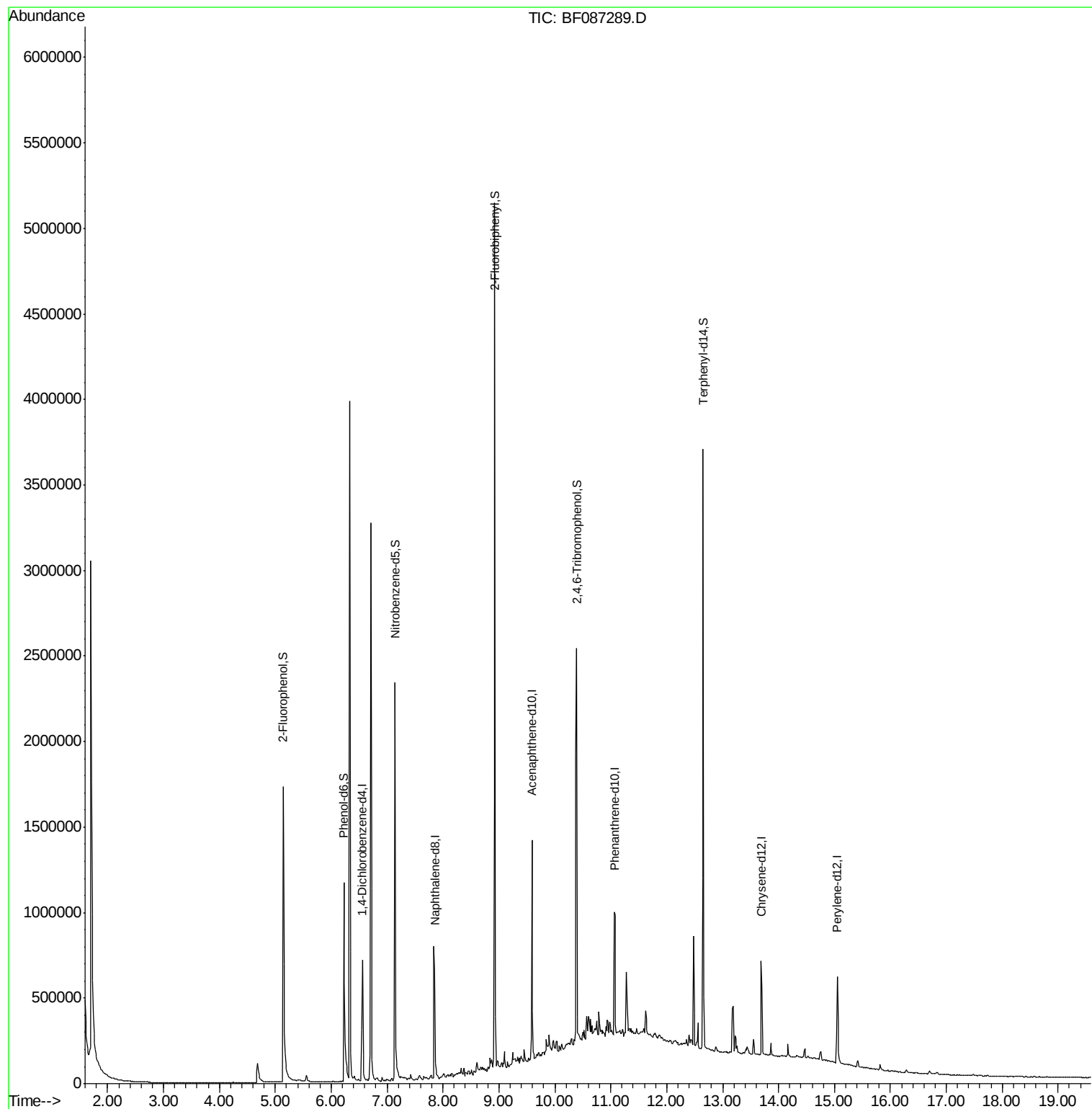
Target Compounds Qvalue

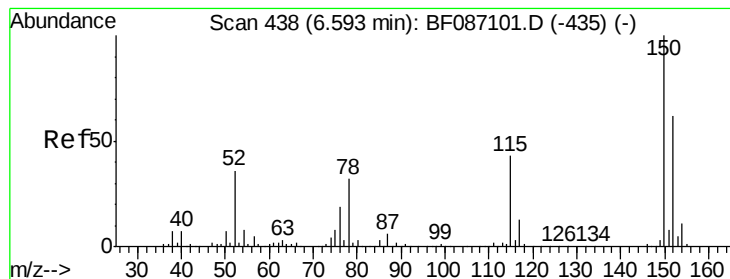
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087289.D

Acq: 22 May 2016 14:23

Instrument :

BNA_F

ClientSampleId :

MW-19

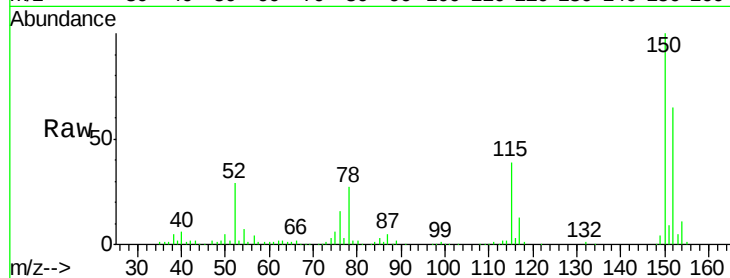
Tot Ion:152 Resp: 118632

Ion Ratio Lower Upper

152 100

150 155.0 125.8 188.6

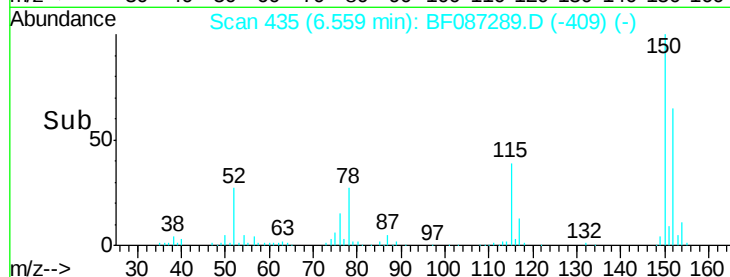
115 60.1 51.5 77.3



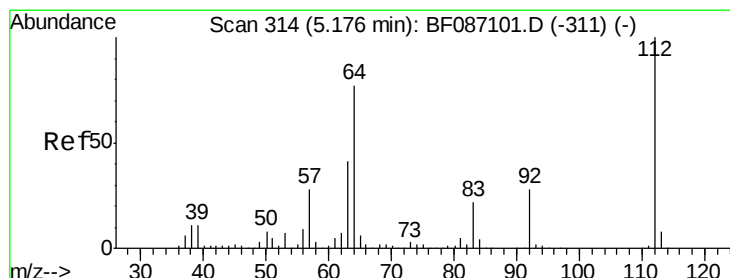
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 79.31 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF087289.D

Acq: 22 May 2016 14:23

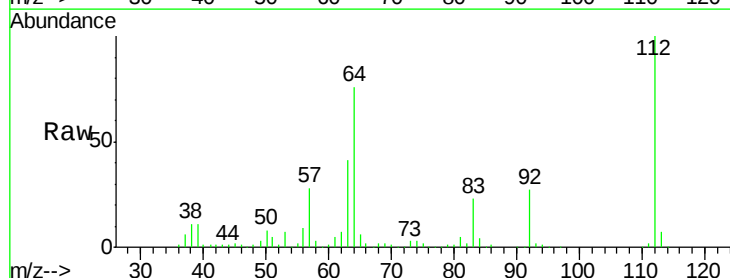
Tgt Ion:112 Resp: 559732

Ion Ratio Lower Upper

112 100

64 75.9 52.1 78.1

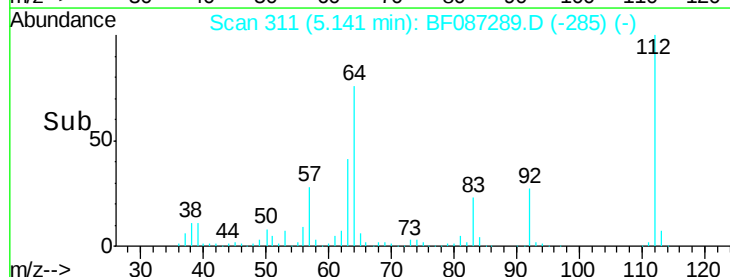
63 41.4 25.7 38.5#



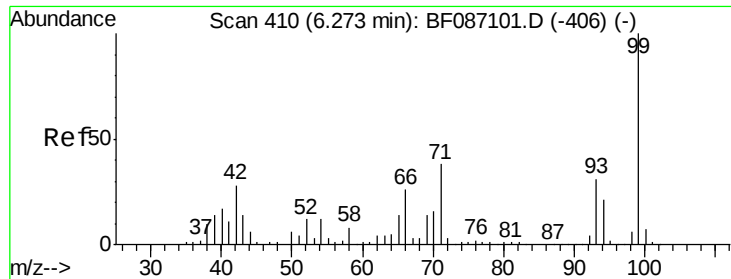
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 49.81 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087289.D

Acq: 22 May 2016 14:23

Instrument :

BNA_F

ClientSampleId :

MW-19

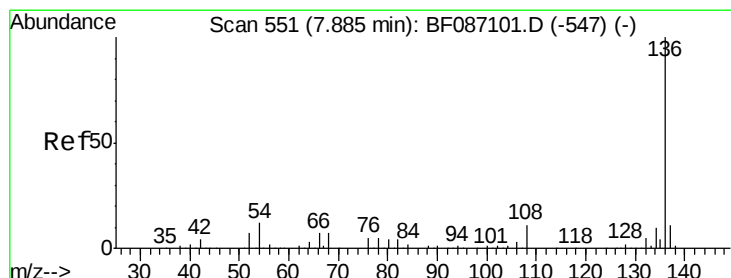
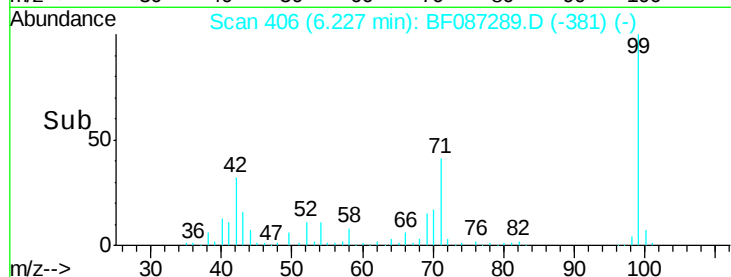
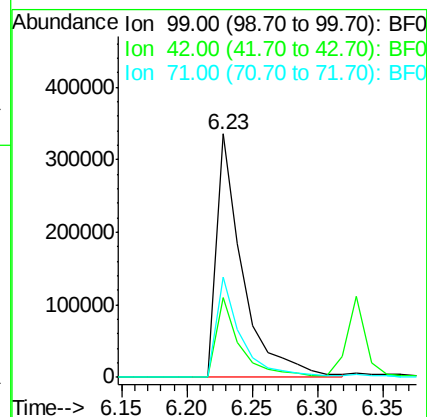
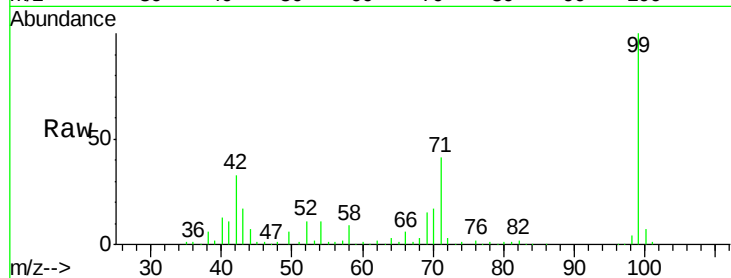
Tot Ion: 99 Resp: 471457

Ion Ratio Lower Upper

99 100

42 32.6 13.6 20.4#

71 41.1 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: BF087289.D

Acq: 22 May 2016 14:23

Tgt Ion: 136 Resp: 481211

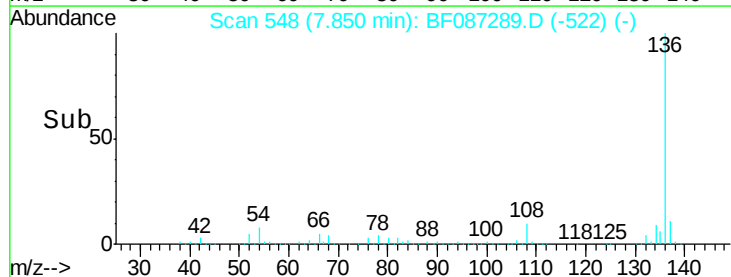
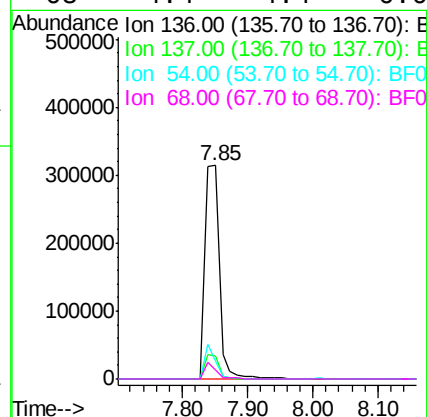
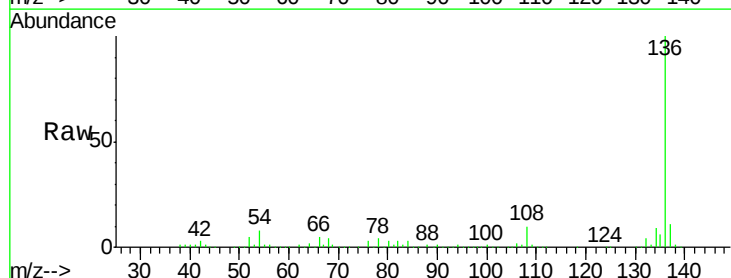
Ion Ratio Lower Upper

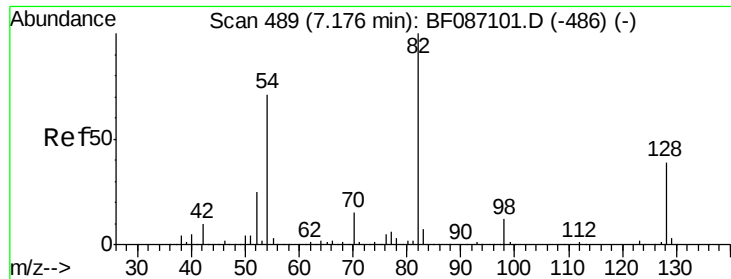
136 100

137 10.5 8.8 13.2

54 8.3 5.0 7.4#

68 4.4 4.4 6.6#



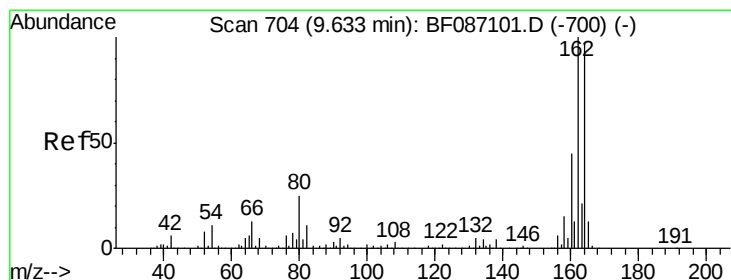
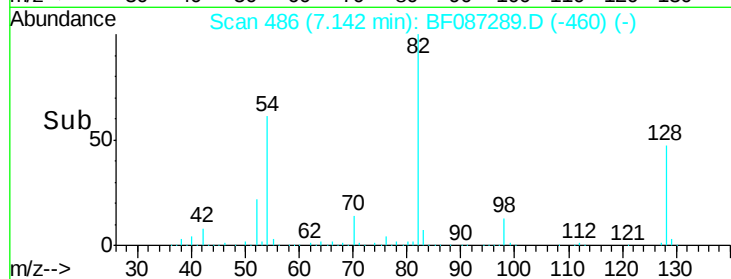
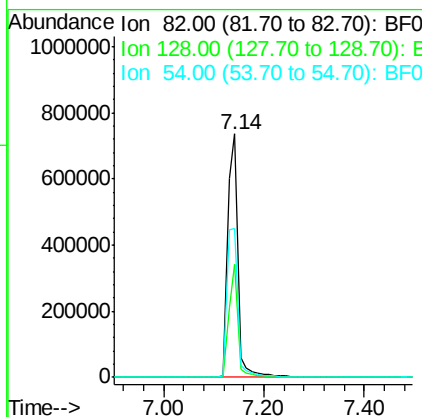
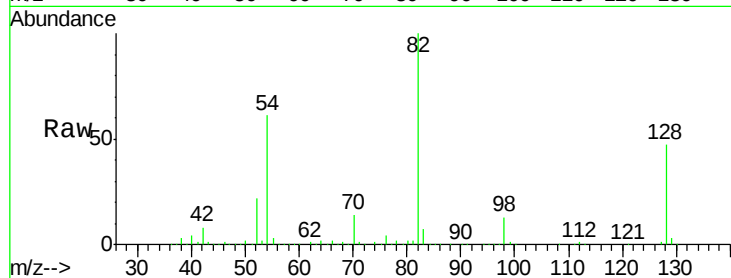


#23
 Nitrobenzene-d5
 Concen: 107.08 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087289.D
 Acq: 22 May 2016 14:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tot Ion: 82 Resp: 1033918

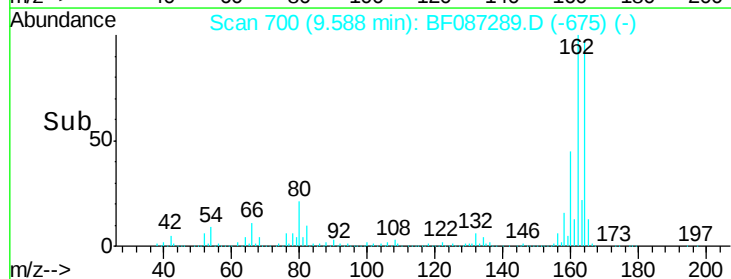
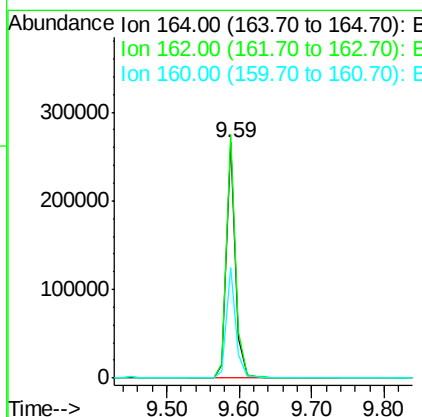
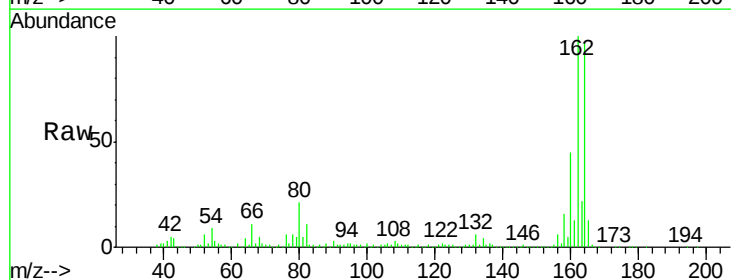
Ion	Ratio	Lower	Upper
82	100		
128	46.7	40.6	61.0
54	61.0	38.1	57.1

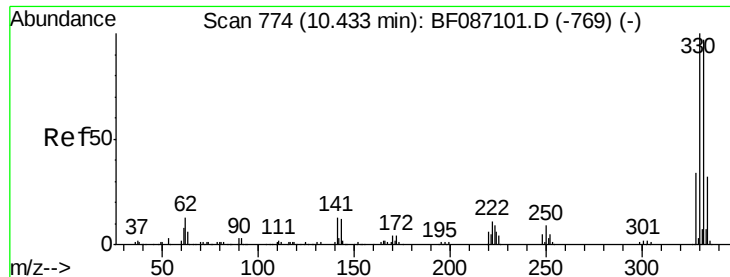


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF087289.D
 Acq: 22 May 2016 14:23

Tgt Ion: 164 Resp: 232326

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.8	124.2
160	46.8	36.9	55.3

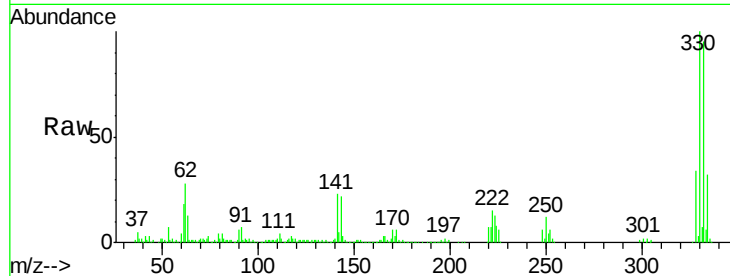




#41
 2,4,6-Tribromophenol
 Concen: 141.71 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087289.D
 Acq: 22 May 2016 14:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	79.0	118.4
141	36.4	31.2	46.8

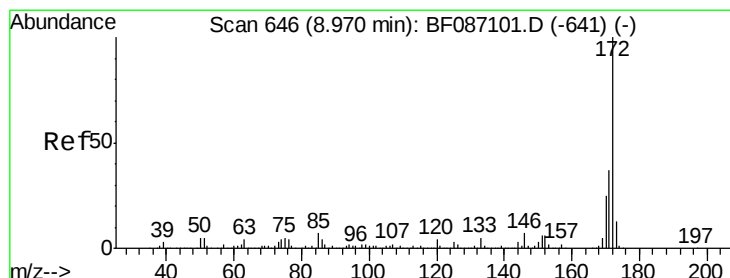
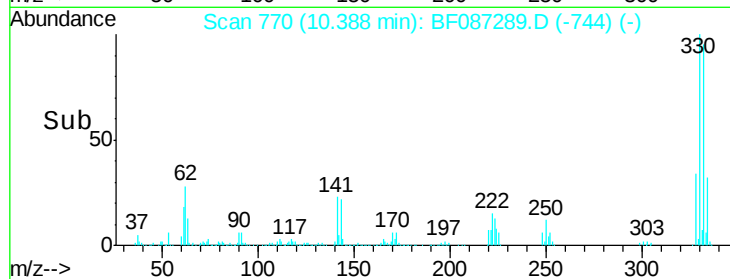
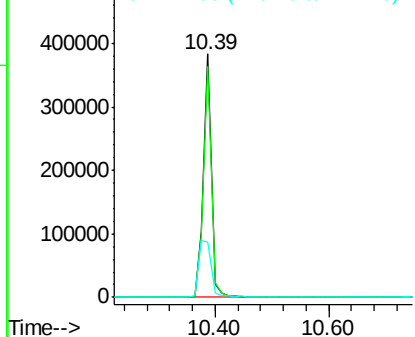


Abundance

Ion 329.80 (329.50 to 330.50): E

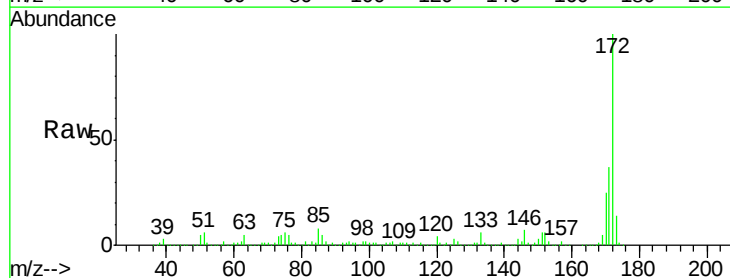
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.61 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087289.D
 Acq: 22 May 2016 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.8	19.8	29.8

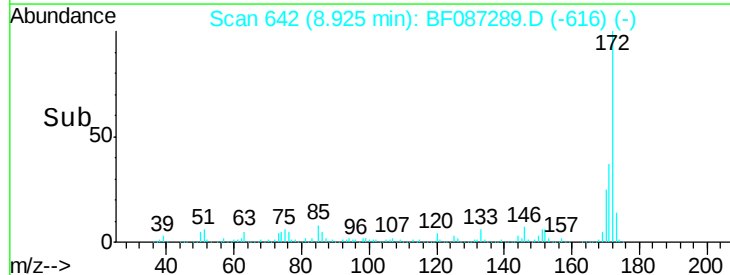
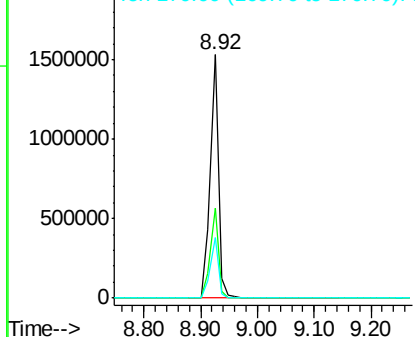


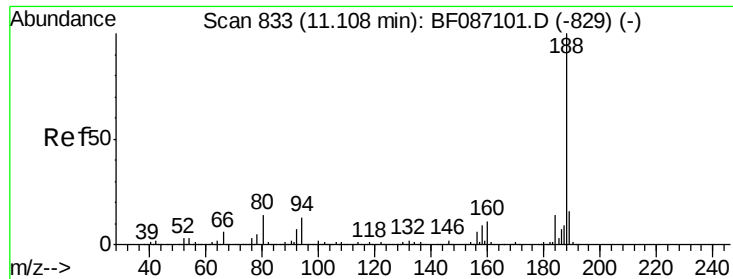
Abundance

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

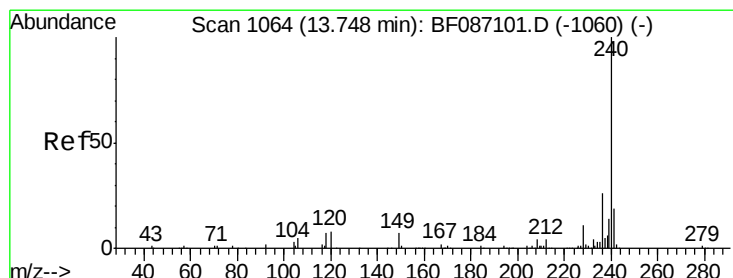
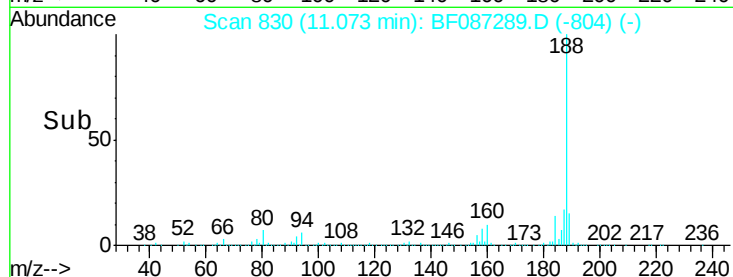
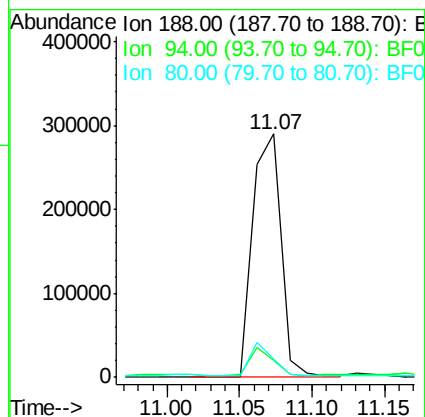
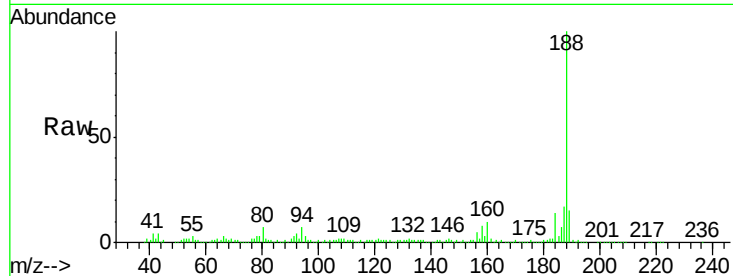




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF087289.D
Acq: 22 May 2016 14:23

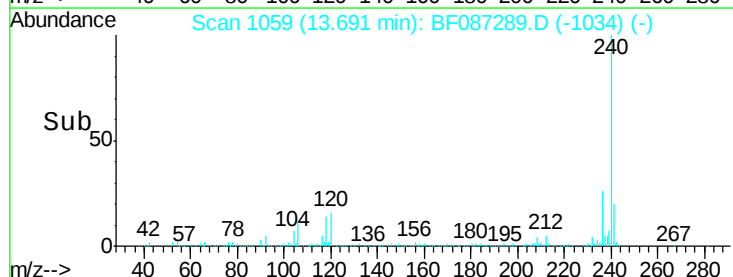
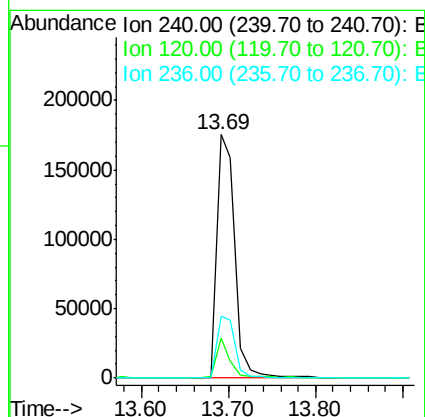
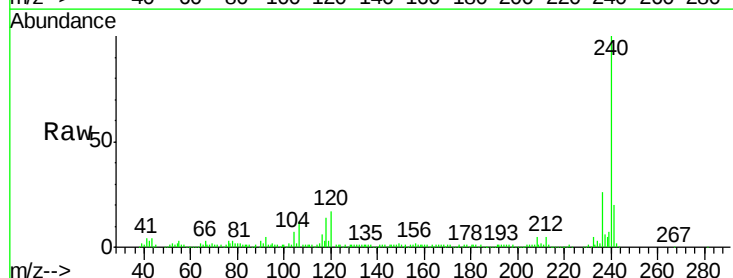
Instrument :
BNA_F
ClientSampleId :
MW-19

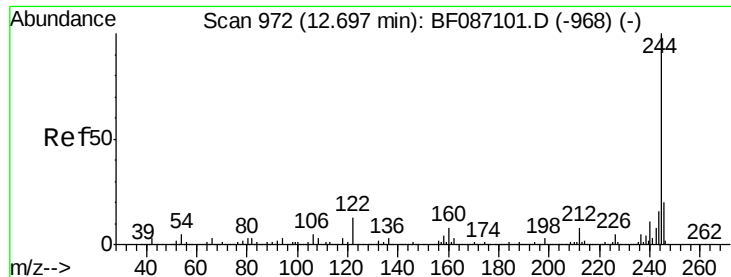
Tot Ion:188 Resp: 392783
Ion Ratio Lower Upper
188 100
94 7.0 6.8 10.2
80 7.3 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087289.D
Acq: 22 May 2016 14:23

Tgt Ion:240 Resp: 255233
Ion Ratio Lower Upper
240 100
120 16.6 11.2 16.8
236 25.6 21.2 31.8





#78

Terphenyl-d14

Concen: 90.15 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087289.D

Acq: 22 May 2016 14:23

Instrument :

BNA_F

ClientSampleId :

MW-19

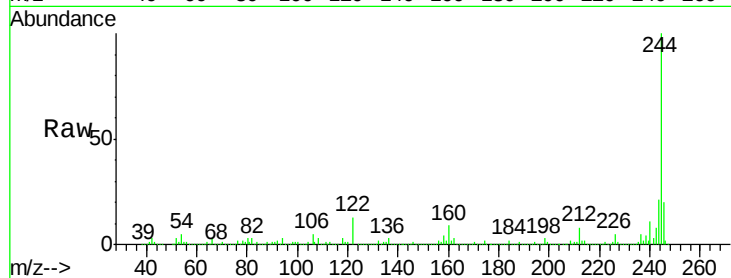
Tot Ion:244 Resp: 1017190

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

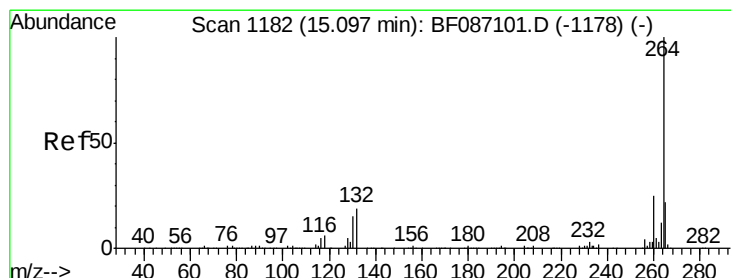
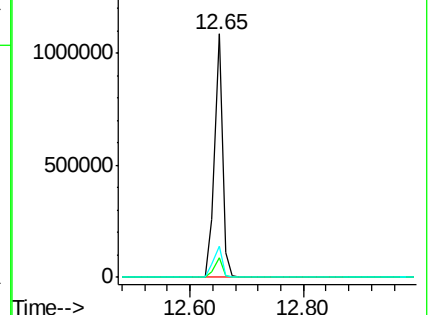
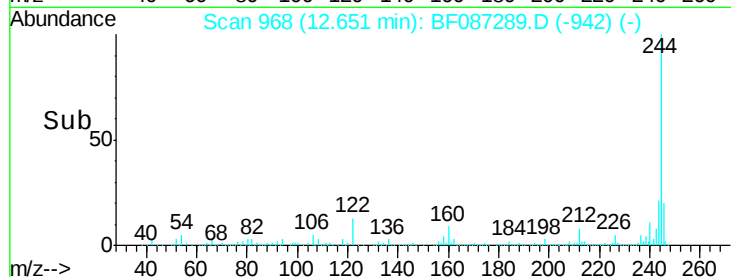
122 13.0 12.0 18.0



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: BF087289.D

Acq: 22 May 2016 14:23

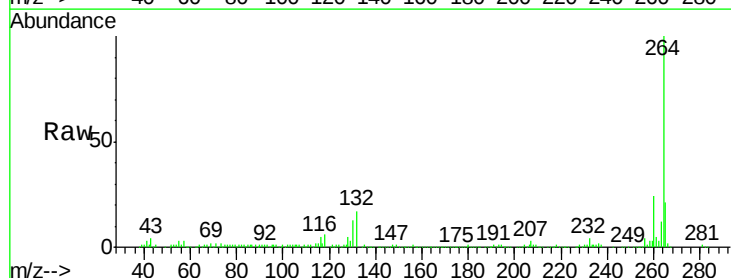
Tgt Ion:264 Resp: 216913

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 20.9 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

