

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087058.D
 Acq On : 15 May 2016 9:41
 Operator : UM/SJ
 Sample : H3052-10
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: May 16 07:18:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	144180	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	580898	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	250605	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	401107	20.00	ng	0.00
75) Chrysene-d12	13.75	240	297355	20.00	ng	-0.01
86) Perylene-d12	15.12	264	334292	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	482662	56.69	ng	0.00
7) Phenol-d6	6.28	99	410420	36.07	ng	0.00
23) Nitrobenzene-d5	7.19	82	919643	79.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	292469	110.24	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1433143	96.11	ng	0.00
78) Terphenyl-d14	12.71	244	784844	56.00	ng	0.00

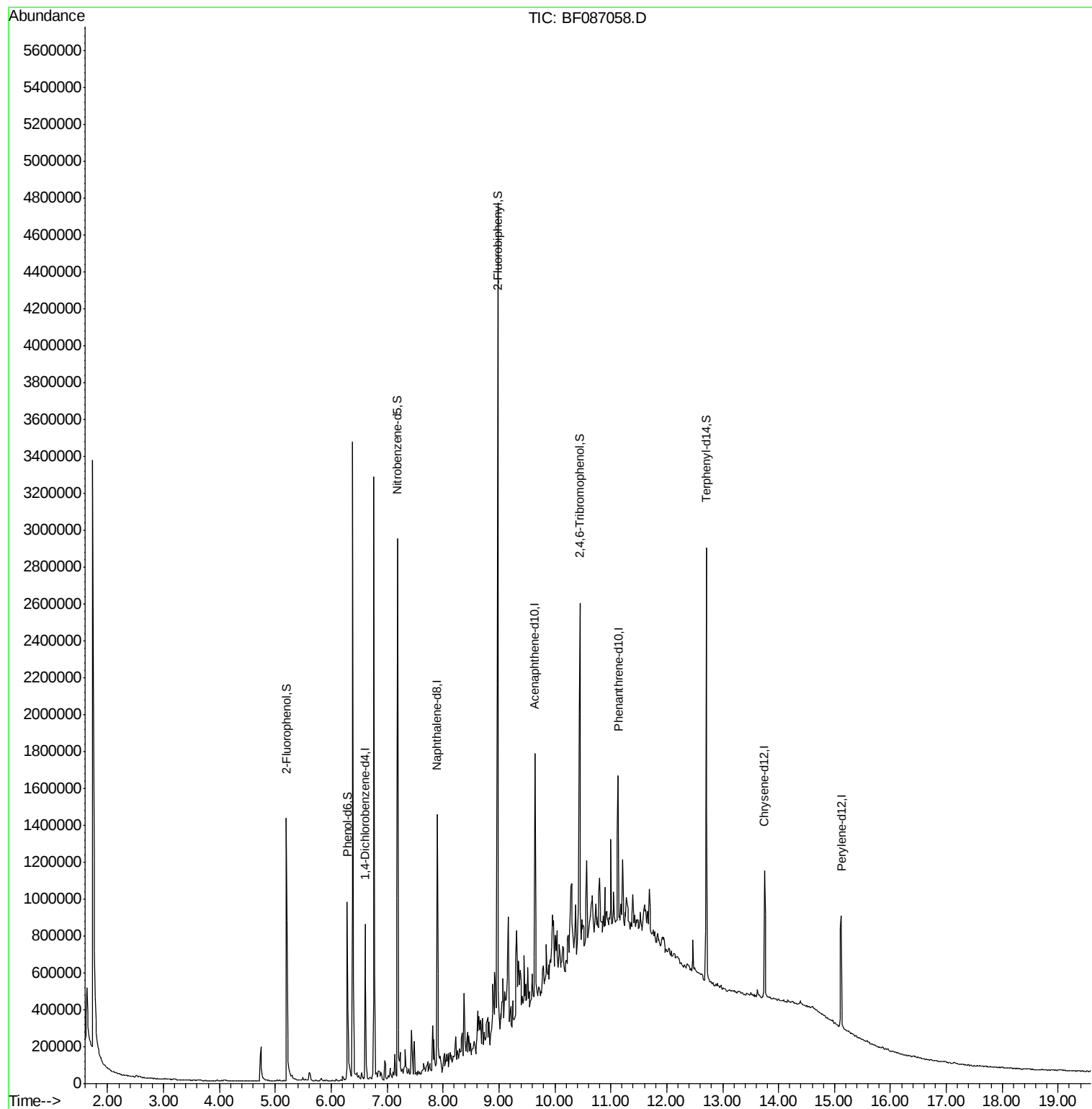
Target Compounds	Qvalue
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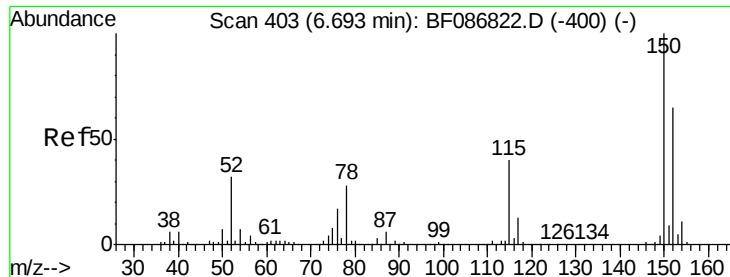
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-27

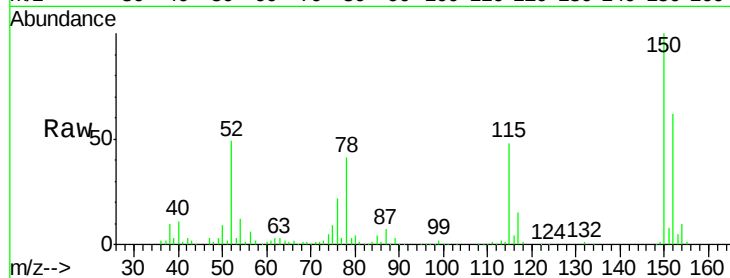
Tgt Ion:152 Resp: 144180

Ion Ratio Lower Upper

152 100

150 160.4 125.8 188.6

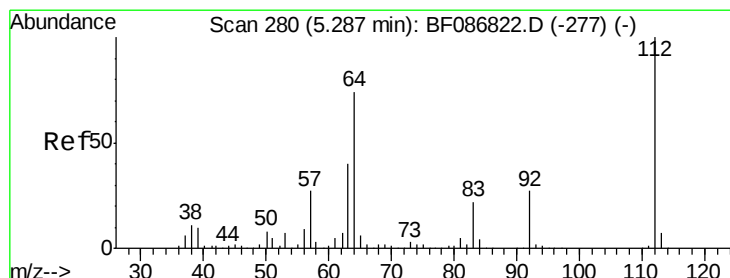
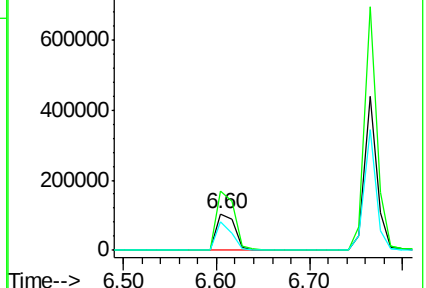
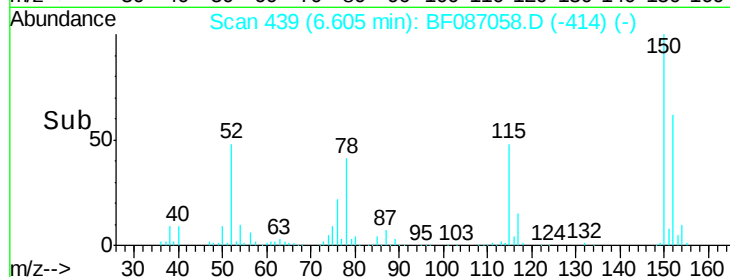
115 77.2 51.5 77.3



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: 56.69 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

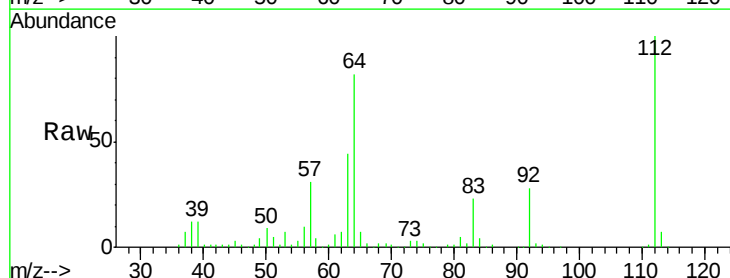
Tgt Ion:112 Resp: 482662

Ion Ratio Lower Upper

112 100

64 82.0 52.1 78.1#

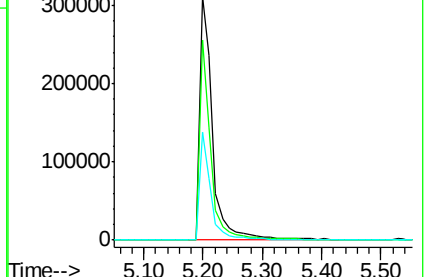
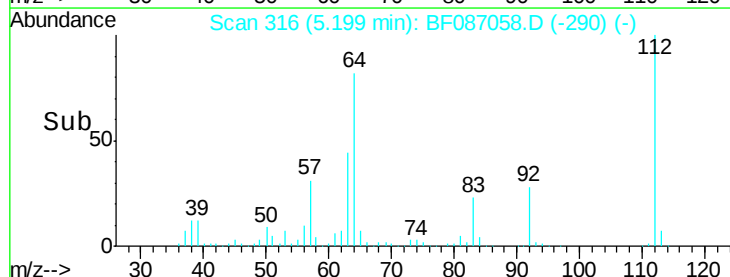
63 44.4 25.7 38.5#

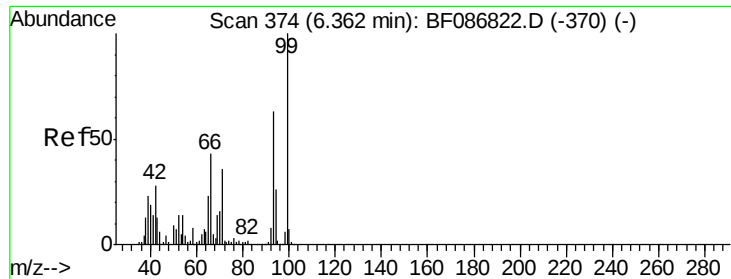


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.07 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-27

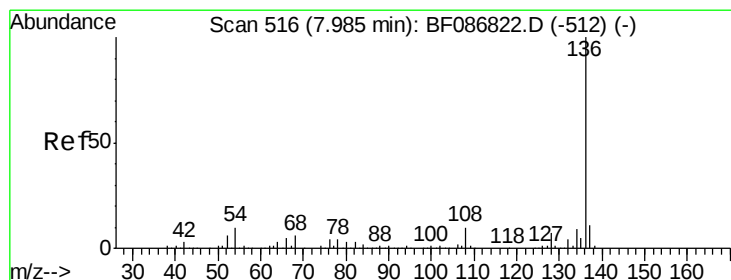
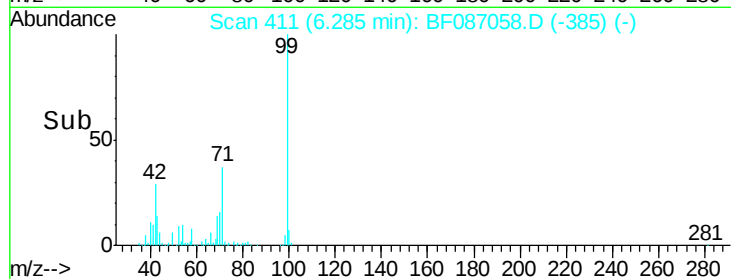
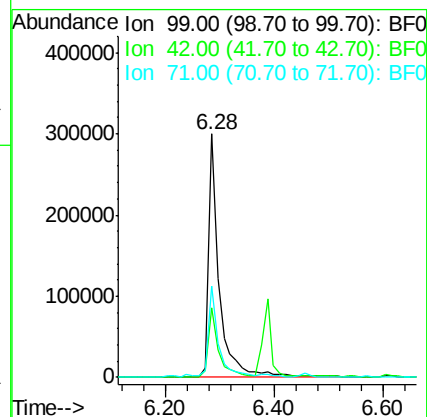
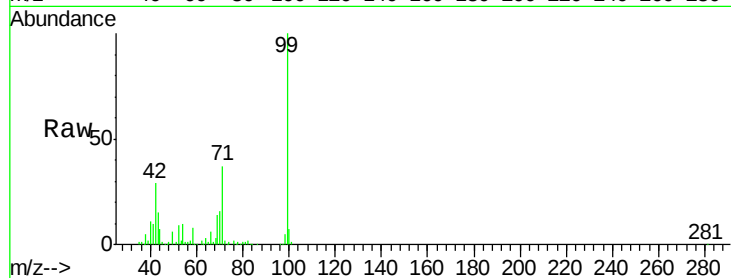
Tgt Ion: 99 Resp: 410420

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

71 37.4 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

Tgt Ion: 136 Resp: 580898

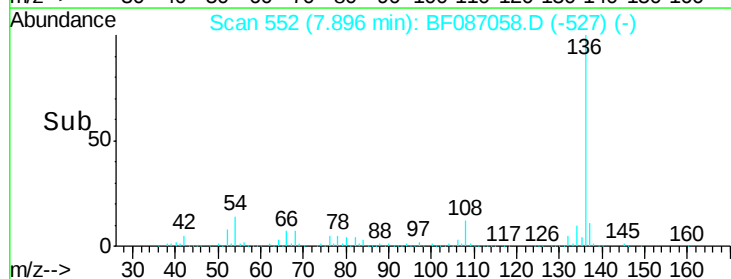
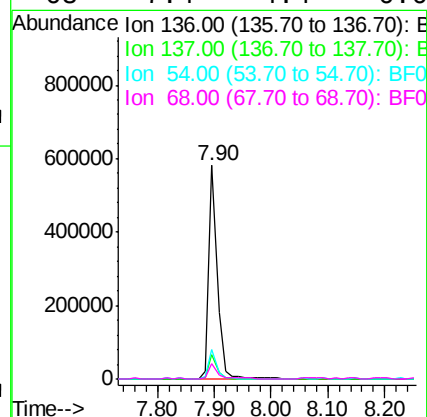
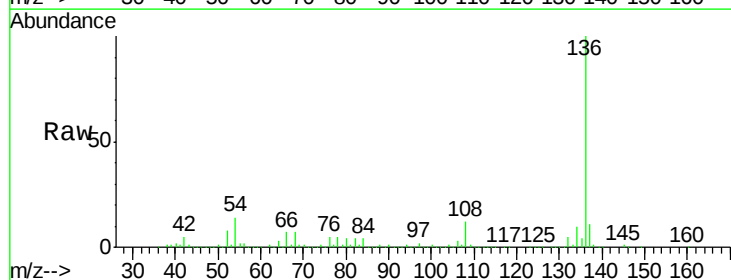
Ion Ratio Lower Upper

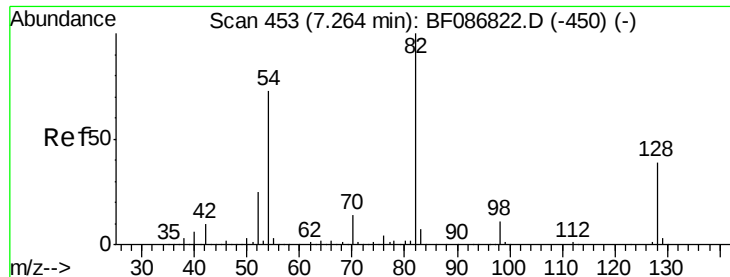
136 100

137 11.3 8.8 13.2

54 13.9 5.0 7.4#

68 7.4 4.4 6.6#

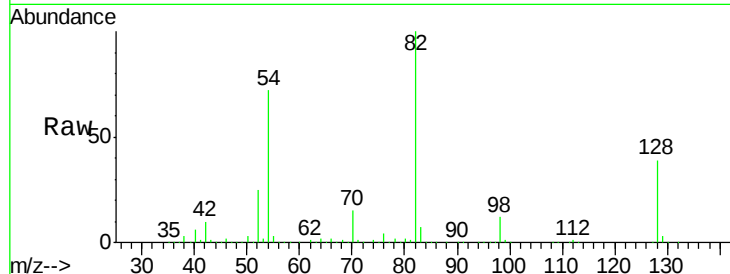




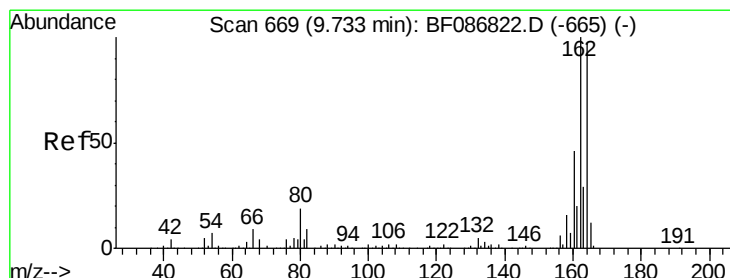
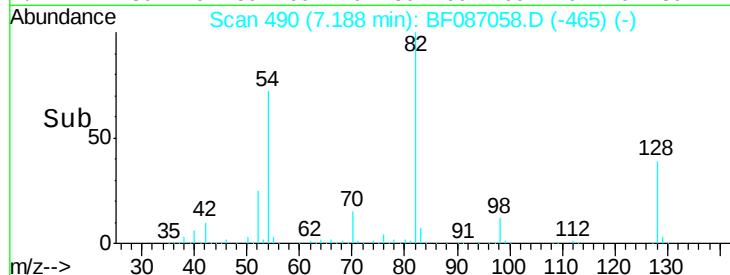
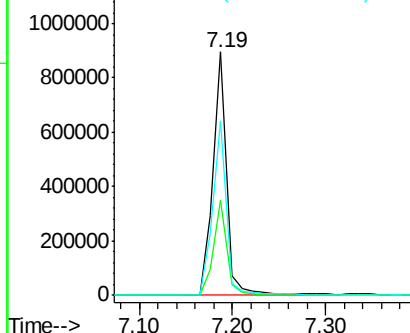
#23
Nitrobenzene-d5
Concen: 79.49 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-27

Tgt Ion: 82 Resp: 919643
Ion Ratio Lower Upper
82 100
128 38.8 40.6 61.0#
54 71.6 38.1 57.1#

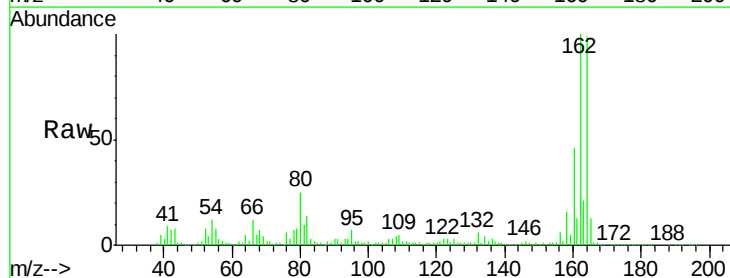


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

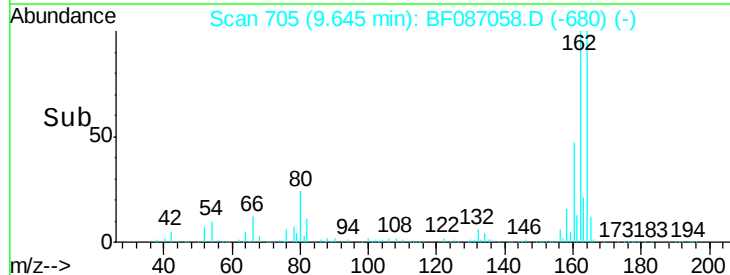
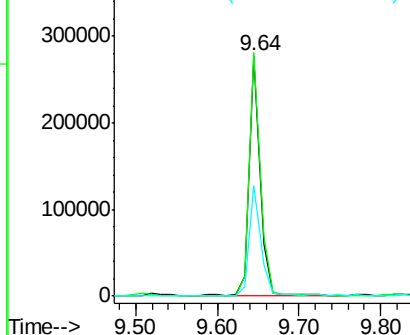


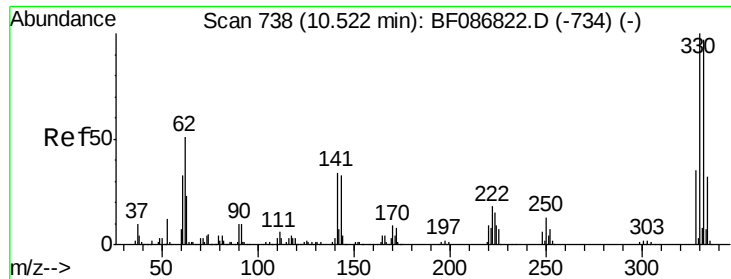
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087058.D
Acq: 15 May 2016 9:41

Tgt Ion: 164 Resp: 250605
Ion Ratio Lower Upper
164 100
162 101.5 82.8 124.2
160 46.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

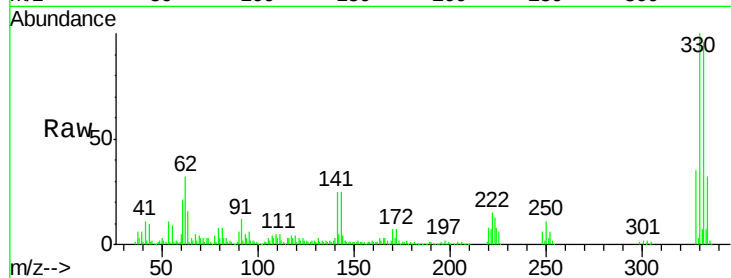




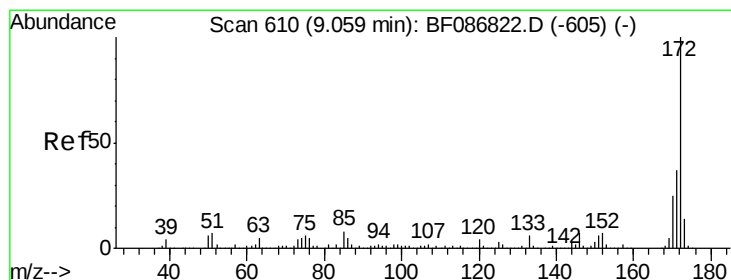
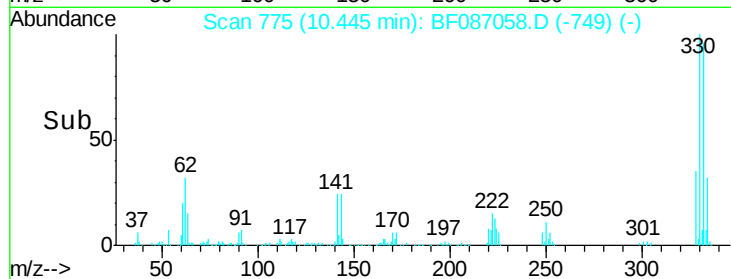
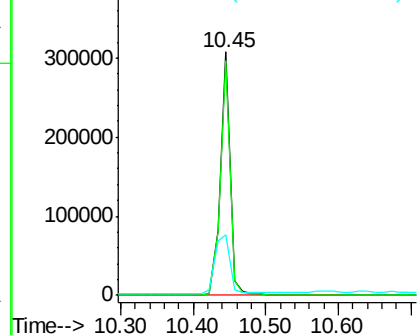
#41
 2,4,6-Tribromophenol
 Concen: 110.24 ng
 RT: 10.45 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087058.D
 Acq: 15 May 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	35.3	31.2	46.8

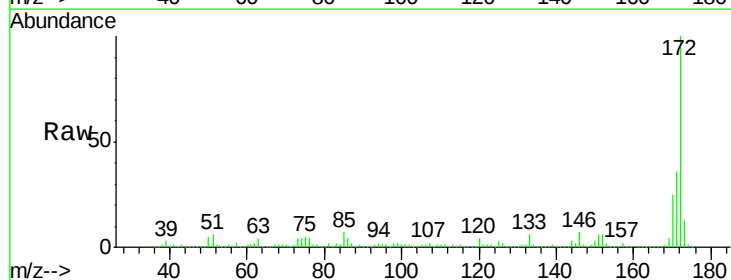


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

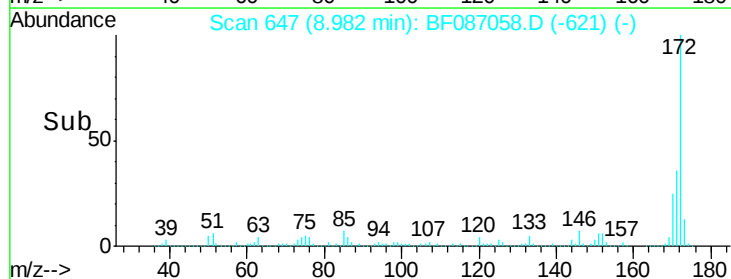
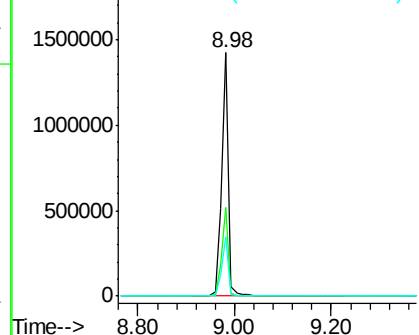


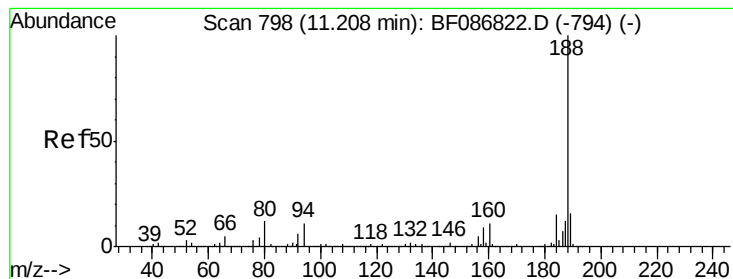
#44
 2-Fluorobiphenyl
 Concen: 96.11 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087058.D
 Acq: 15 May 2016 9:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.5	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: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-27

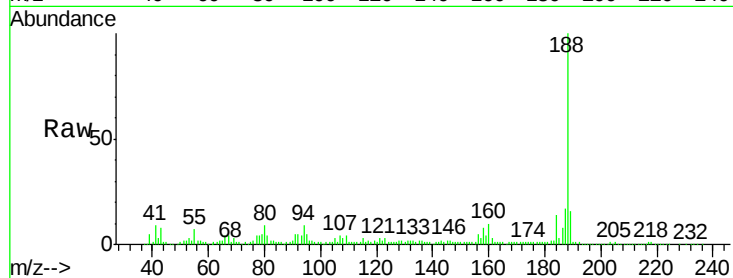
Tgt Ion:188 Resp: 401107

Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

80 8.7 7.1 10.7

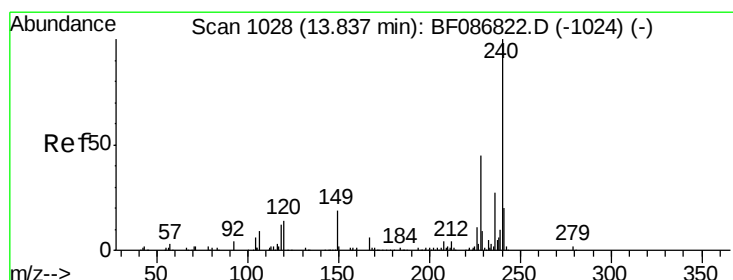
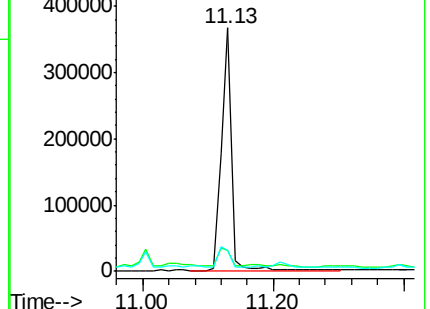
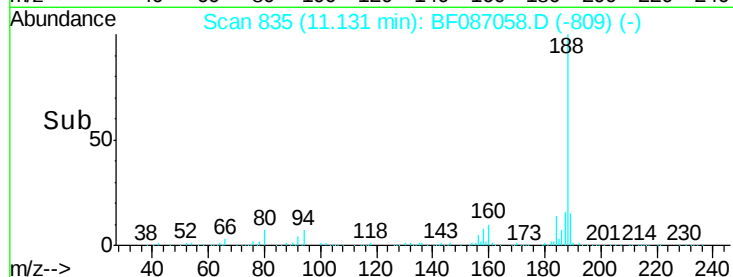


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

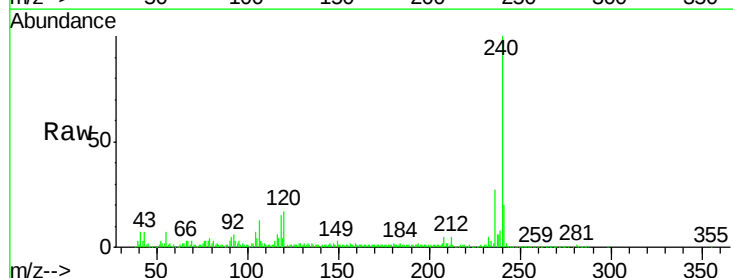
Tgt Ion:240 Resp: 297355

Ion Ratio Lower Upper

240 100

120 17.2 11.2 16.8#

236 26.9 21.2 31.8

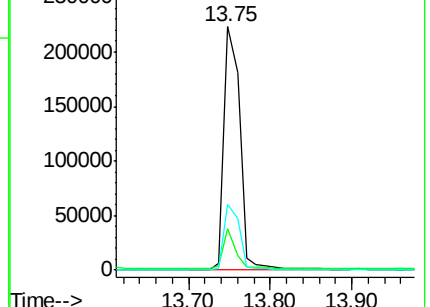
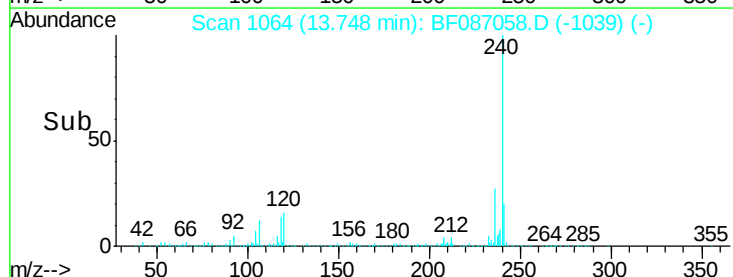


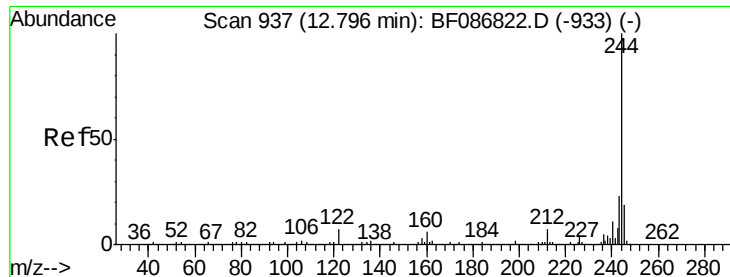
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#78

Terphenyl-d14

Concen: 56.00 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-27

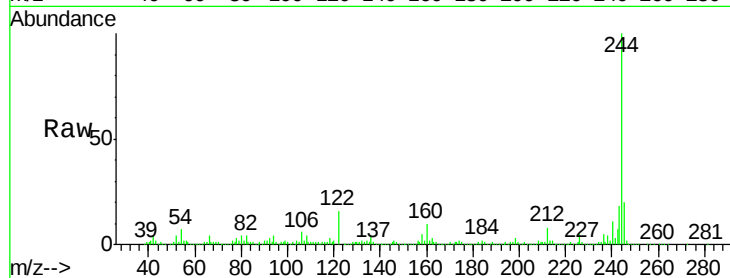
Tgt Ion:244 Resp: 784844

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

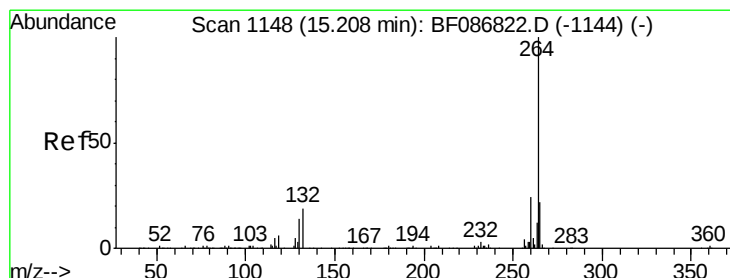
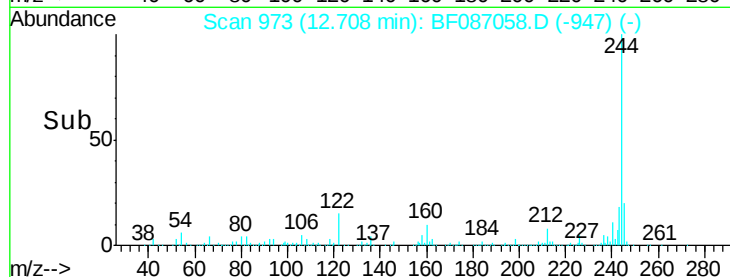
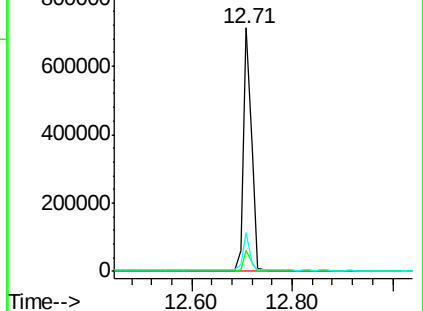
122 15.8 12.0 18.0



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: 15.12 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF087058.D

Acq: 15 May 2016 9:41

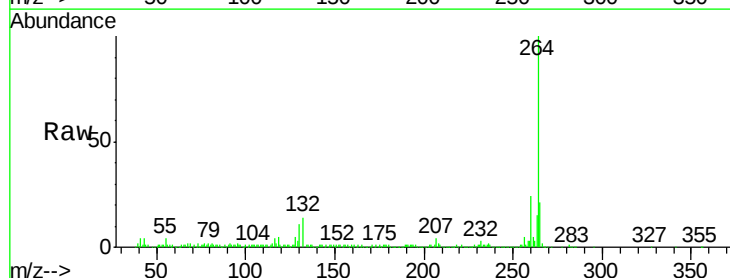
Tgt Ion:264 Resp: 334292

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.3 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

