

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086369.D
 Acq On : 23 Apr 2016 4:21
 Operator : UM/SJ
 Sample : PB89989TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89989TB

Quant Time: Apr 25 01:05:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	166198	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	712394	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	323984	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	684912	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	597188	20.00	ng	-0.01
86) Perylene-d12	15.40	264	518138	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1095809	113.87	ng	0.01
7) Phenol-d6	6.46	99	1526906	116.71	ng	-0.01
23) Nitrobenzene-d5	7.40	82	926251	77.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	348121	118.70	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1679342	88.45	ng	0.00
78) Terphenyl-d14	12.94	244	1565014	65.11	ng	0.00

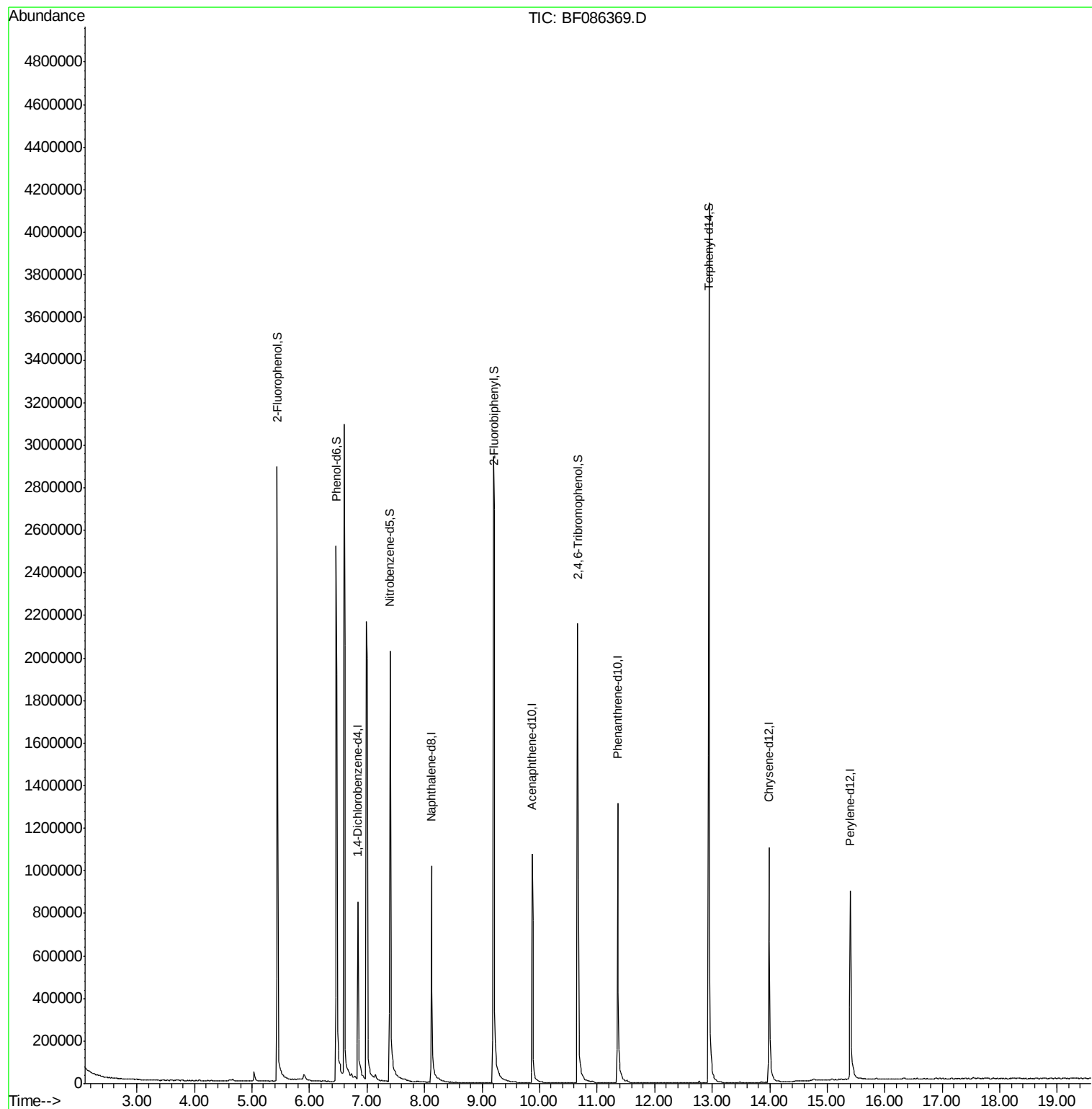
Target Compounds Qvalue

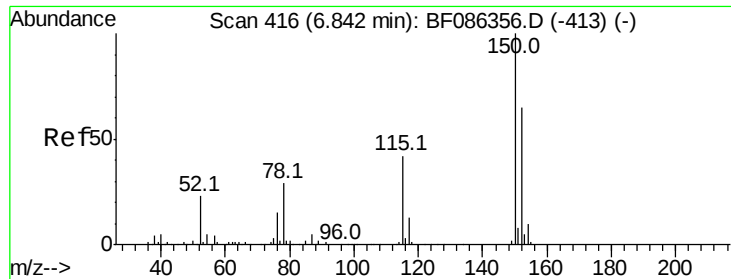
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086369.D

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BNA_F

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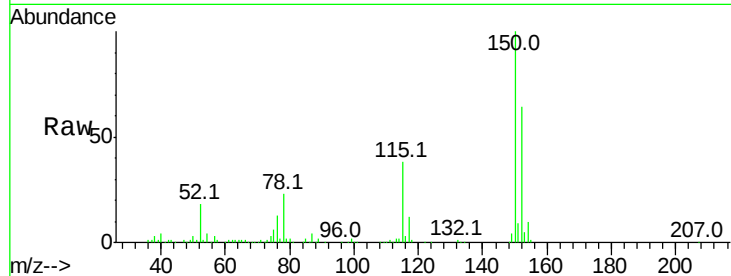
Tot Ion:152 Resp: 166198

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

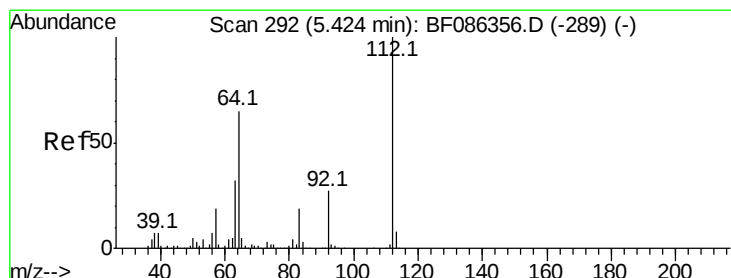
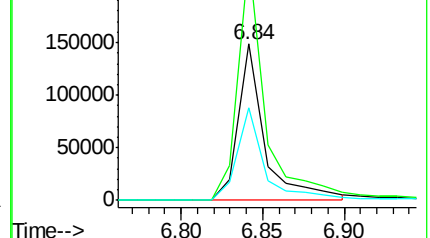
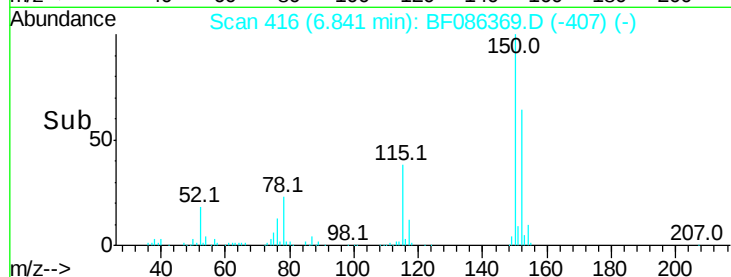
115 59.4 51.5 77.3



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: 113.87 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086369.D

Acq: 23 Apr 2016 4:21

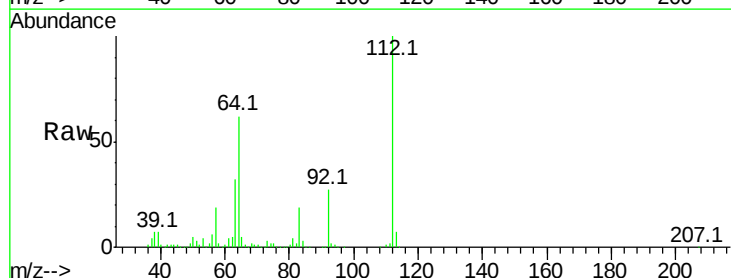
Tgt Ion:112 Resp: 1095809

Ion Ratio Lower Upper

112 100

64 62.4 52.1 78.1

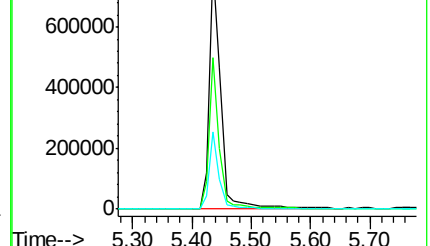
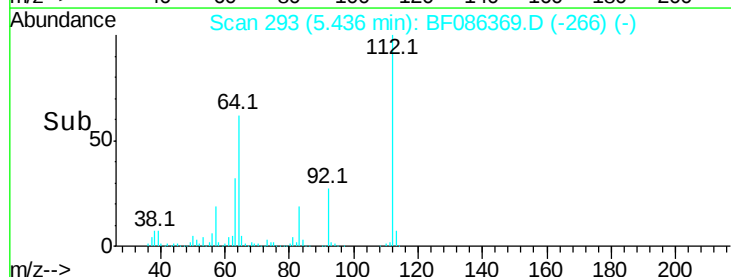
63 32.0 25.7 38.5

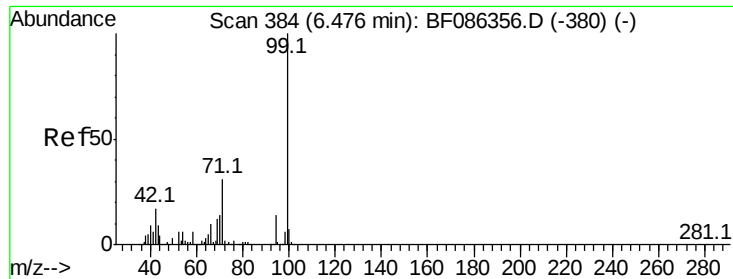


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.71 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086369.D

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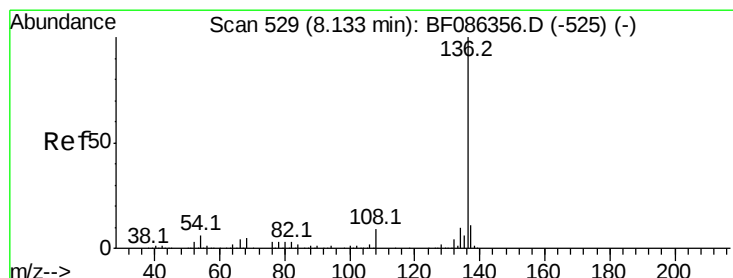
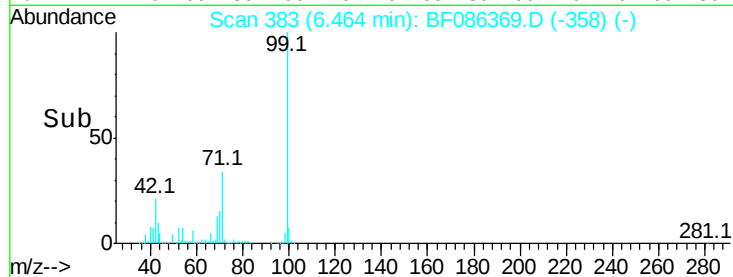
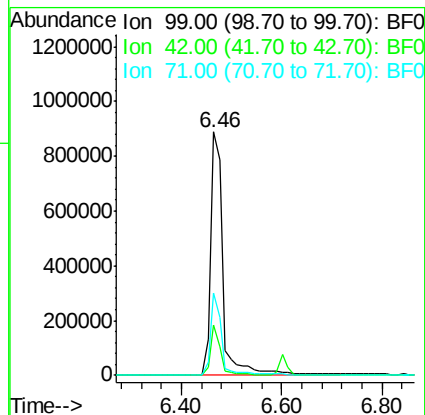
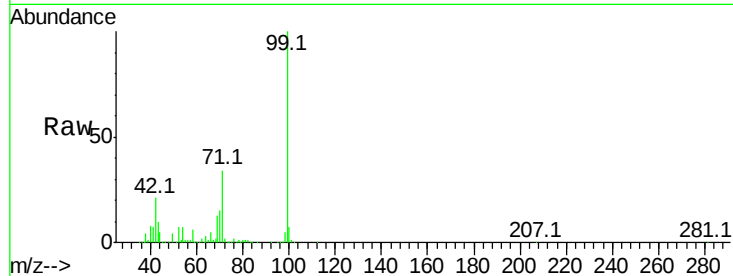
Tot Ion: 99 Resp: 1526906

Ion Ratio Lower Upper

99 100

42 20.5 13.6 20.4#

71 33.6 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086369.D

Acq: 23 Apr 2016 4:21

Tgt Ion: 136 Resp: 712394

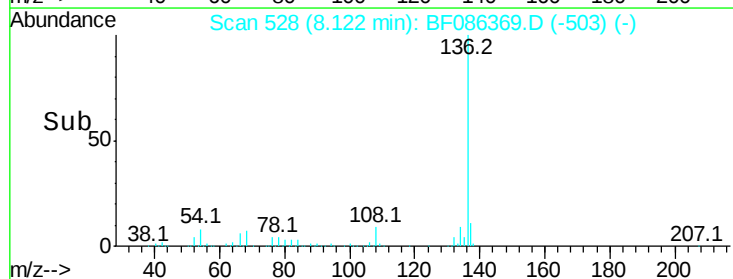
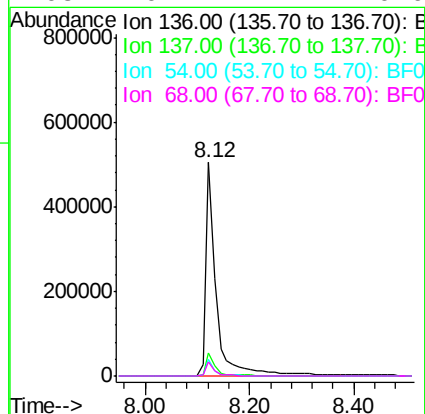
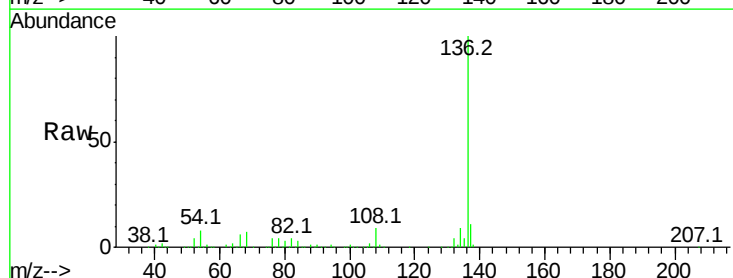
Ion Ratio Lower Upper

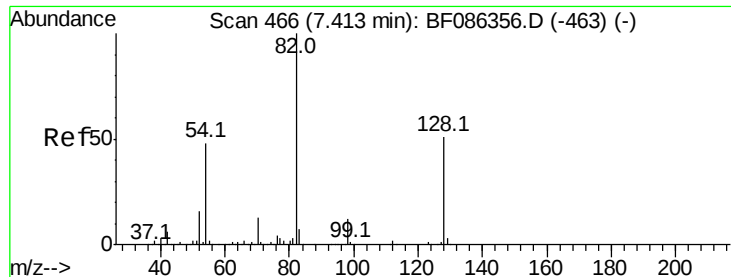
136 100

137 11.0 8.8 13.2

54 8.1 5.0 7.4#

68 6.7 4.4 6.6#

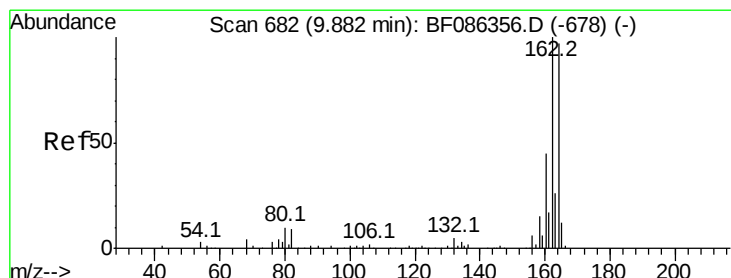
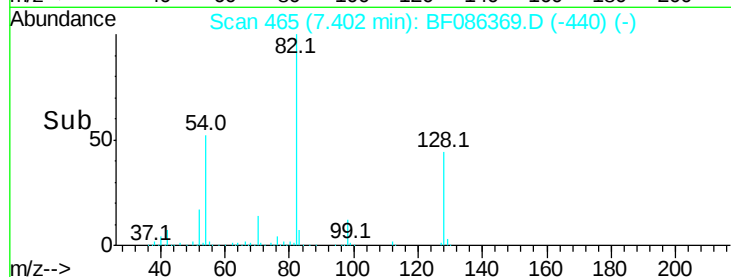
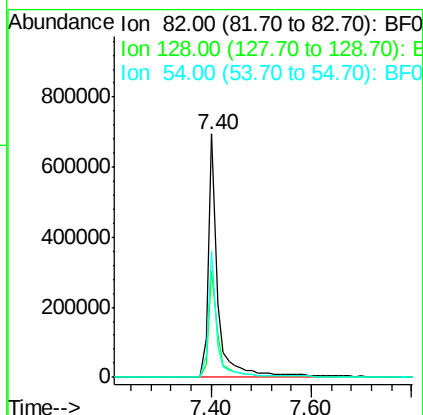
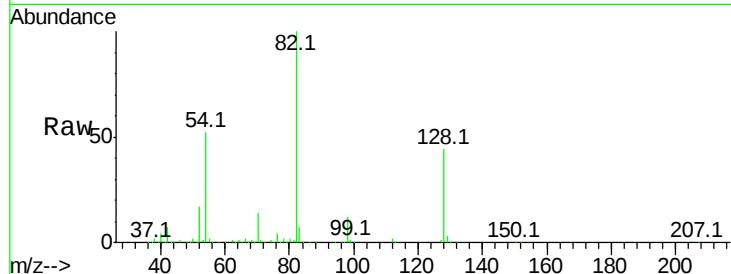




#23
Nitrobenzene-d5
Concen: 77.02 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086369.D
Acq: 23 Apr 2016 4:21

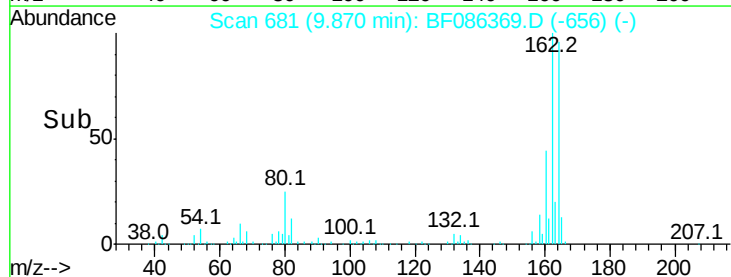
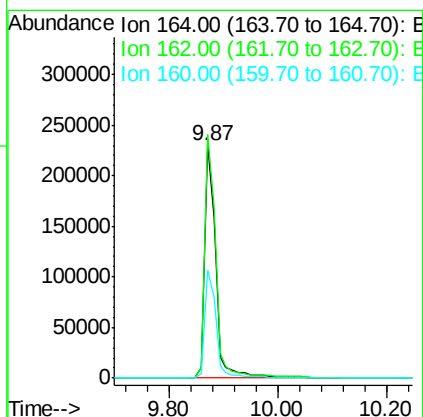
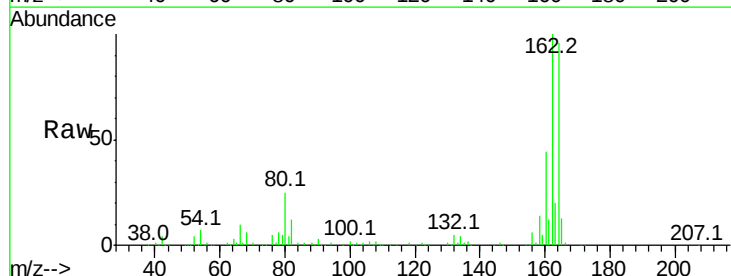
Instrument :
BNA_F
ClientSampleId :
PB89989TB

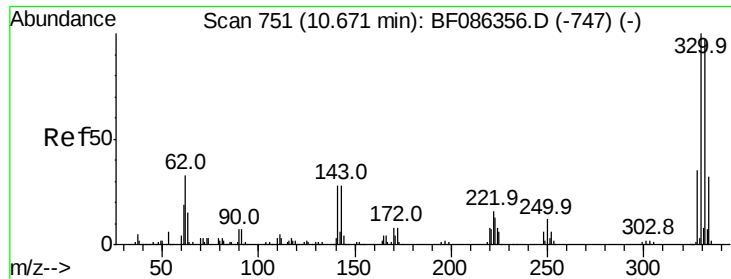
Tot Ion: 82 Resp: 926251
Ion Ratio Lower Upper
82 100
128 43.9 40.6 61.0
54 51.8 38.1 57.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF086369.D
Acq: 23 Apr 2016 4:21

Tgt Ion:164 Resp: 323984
Ion Ratio Lower Upper
164 100
162 104.4 82.8 124.2
160 46.4 36.9 55.3

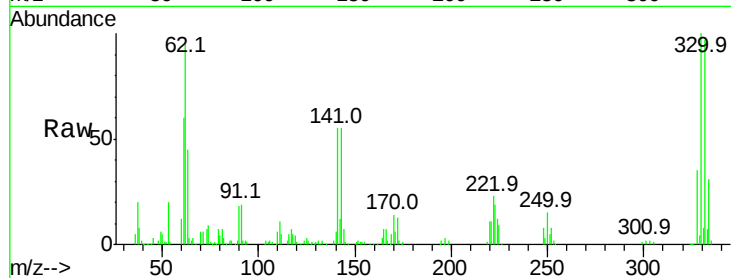




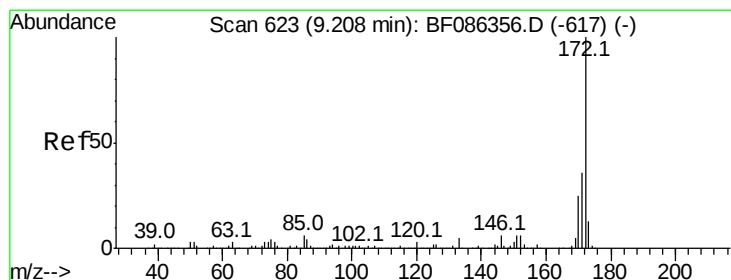
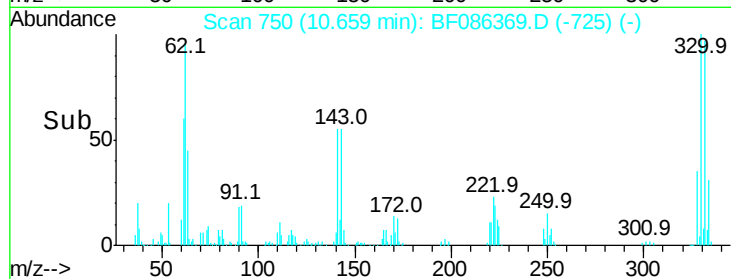
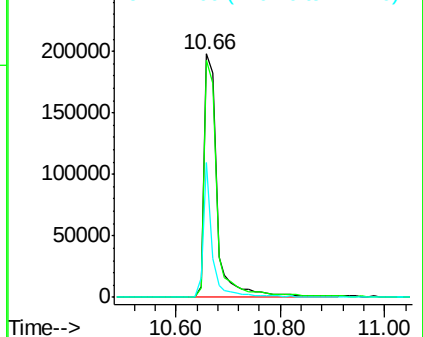
#41
 2,4,6-Tribromophenol
 Concen: 118.70 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF086369.D
 Acq: 23 Apr 2016 4:21

Instrument :
 BNA_F
 ClientSampleId :
 PB89989TB

Tot Ion:330 Resp: 348121
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 38.1 31.2 46.8

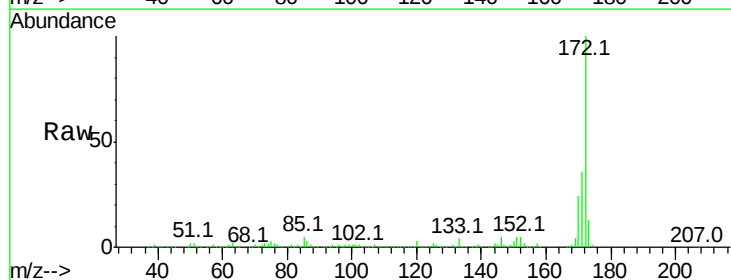


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

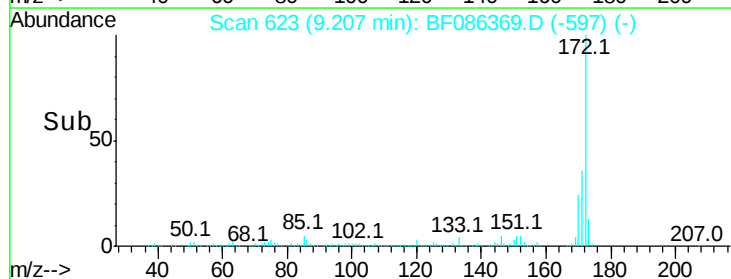
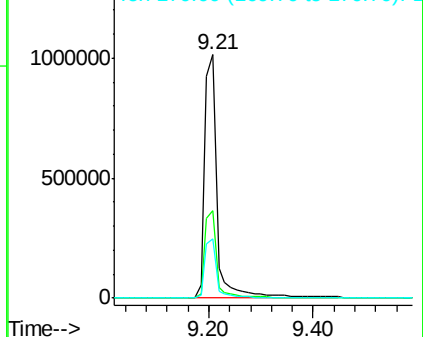


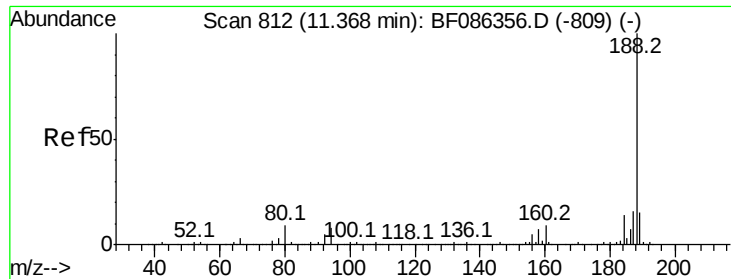
#44
 2-Fluorobiphenyl
 Concen: 88.45 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086369.D
 Acq: 23 Apr 2016 4:21

Tgt Ion:172 Resp: 1679342
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.3 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: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086369.D

Acq: 23 Apr 2016 4:21

Instrument :

BNA_F

ClientSampleId :

PB89989TB

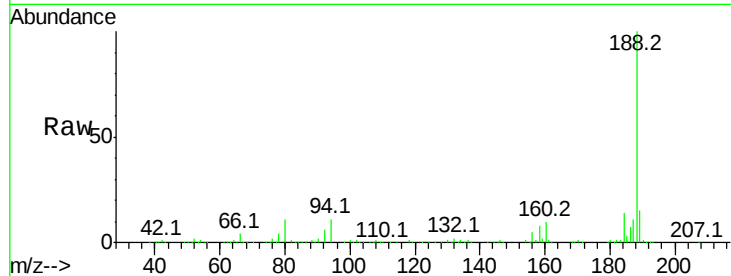
Tot Ion:188 Resp: 684912

Ion Ratio Lower Upper

188 100

94 10.8 6.8 10.2#

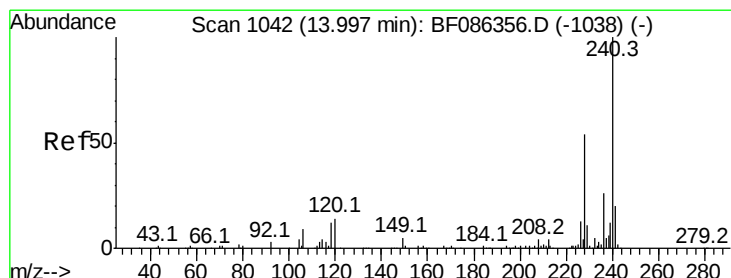
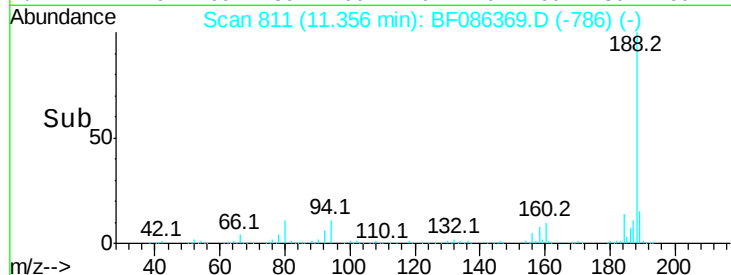
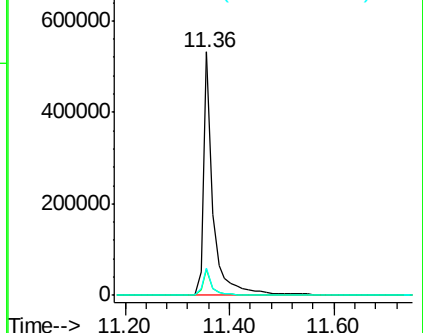
80 11.3 7.1 10.7#



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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086369.D

Acq: 23 Apr 2016 4:21

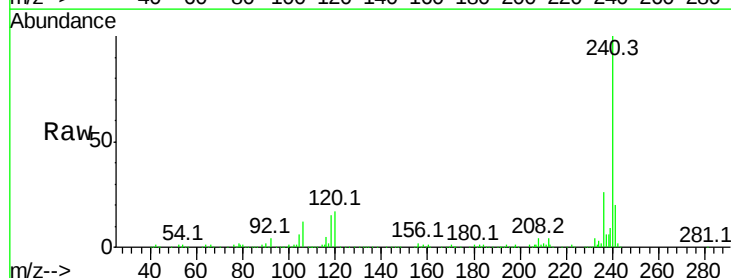
Tgt Ion:240 Resp: 597188

Ion Ratio Lower Upper

240 100

120 17.1 11.2 16.8#

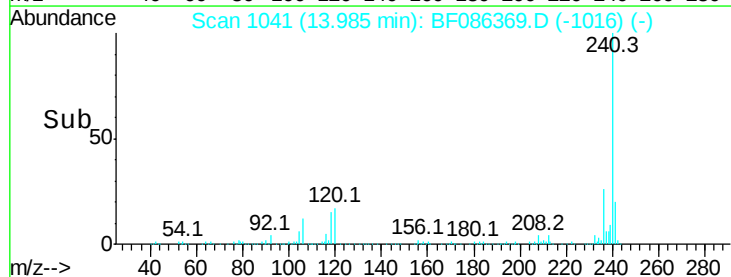
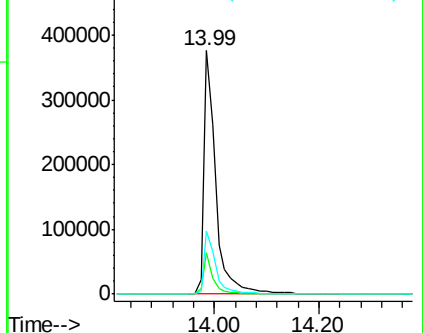
236 25.8 21.2 31.8

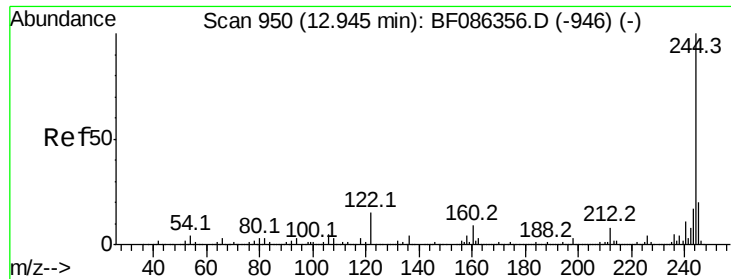


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

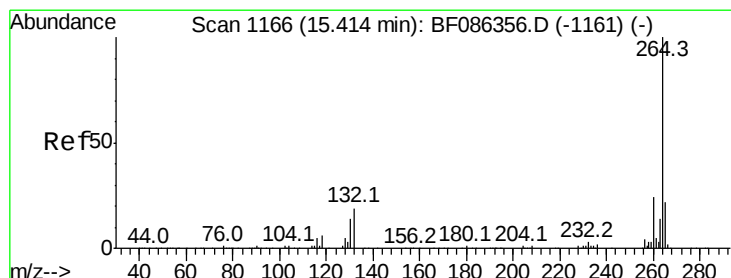
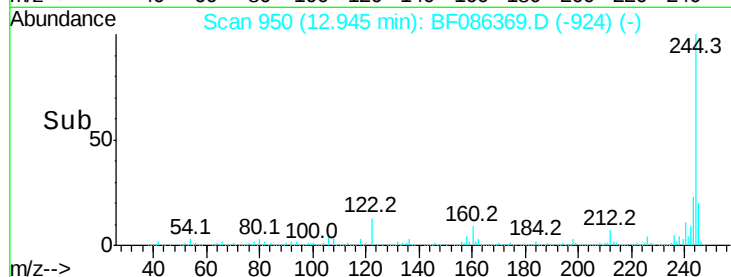
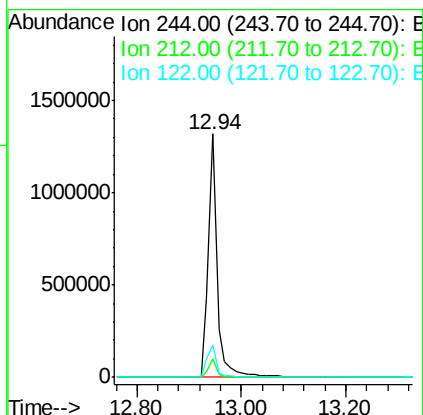
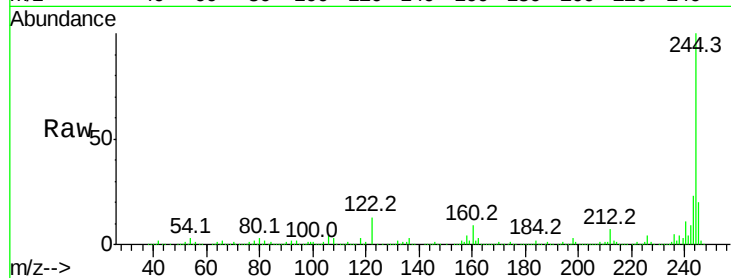




#78
 Terphenyl-d14
 Concen: 65.11 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
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Tot Ion:244 Resp: 1565014
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 13.3 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086369.D
 Acq: 23 Apr 2016 4:21

Tgt Ion:264 Resp: 518138
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.3 17.3 25.9

