

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087029.D
 Acq On : 14 May 2016 19:39
 Operator : UM/SJ
 Sample : PB90466BL
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BL

Quant Time: May 16 05:17:57 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	134769	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	560362	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	273336	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	500743	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	340780	20.00	ng	-0.01
86) Perylene-d12	15.11	264	299806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	791785	99.50	ng	0.01
7) Phenol-d6	6.27	99	956764	89.96	ng	-0.01
23) Nitrobenzene-d5	7.19	82	711596	63.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	217536	75.18	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1163067	71.51	ng	0.00
78) Terphenyl-d14	12.71	244	983363	61.22	ng	0.00

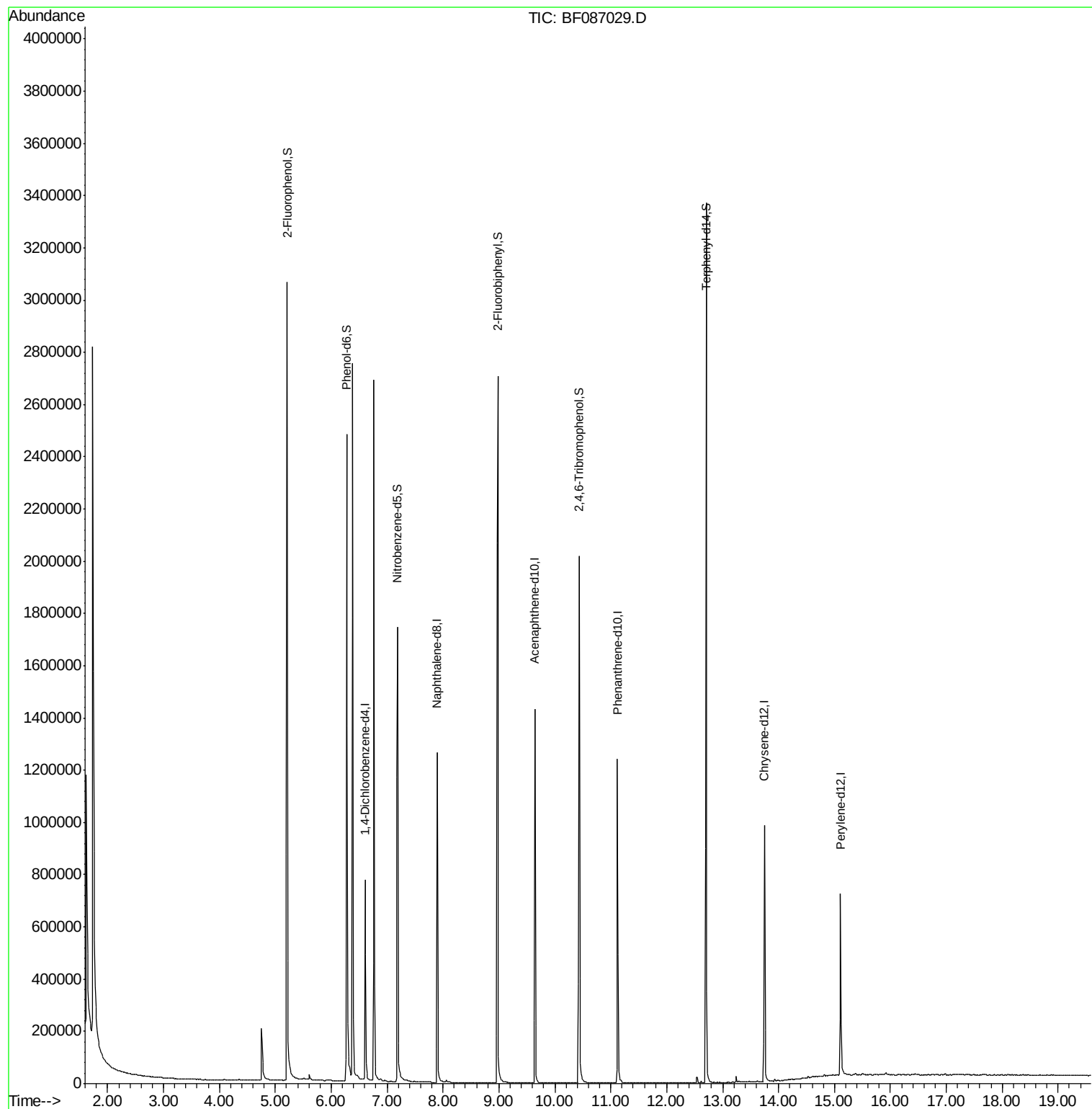
Target Compounds	Qvalue
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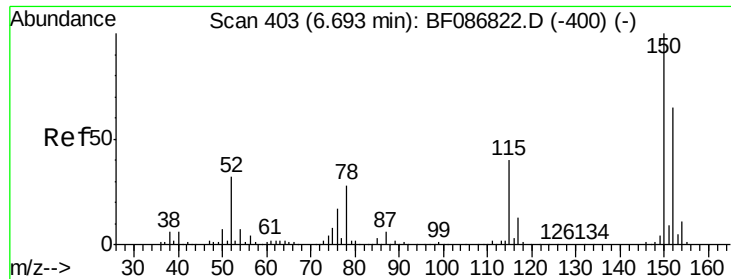
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 16 05:03:47 2016
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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: BF087029.D

Acq: 14 May 2016 19:39

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BNA_F

ClientSampleId :

PB90466BL

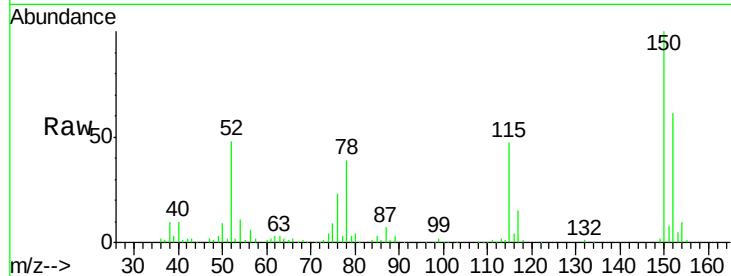
Tgt Ion:152 Resp: 134769

Ion Ratio Lower Upper

152 100

150 162.8 125.8 188.6

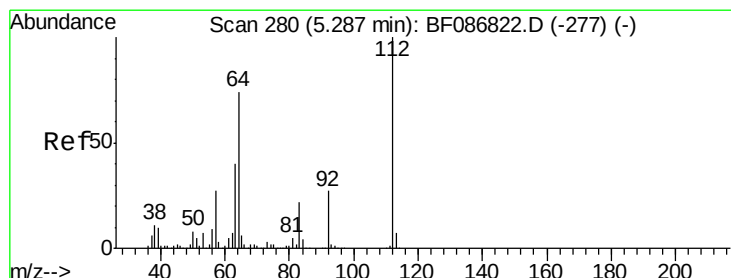
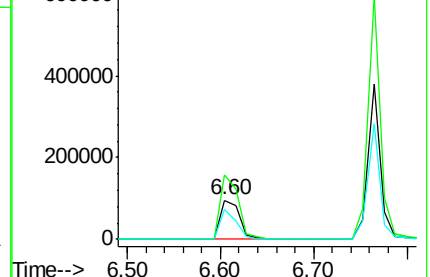
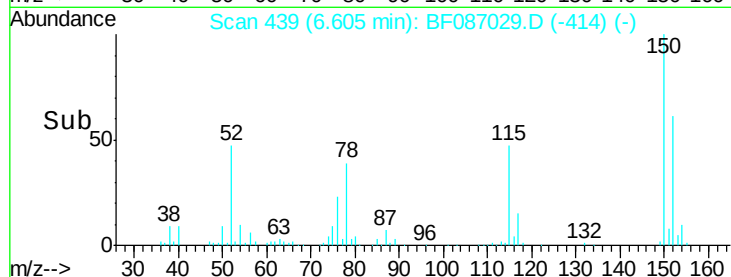
115 77.0 51.5 77.3



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: 99.50 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087029.D

Acq: 14 May 2016 19:39

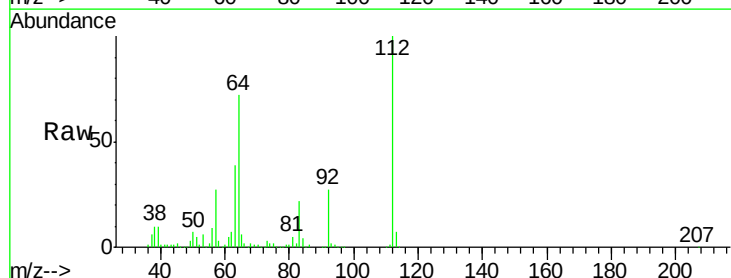
Tgt Ion:112 Resp: 791785

Ion Ratio Lower Upper

112 100

64 71.8 52.1 78.1

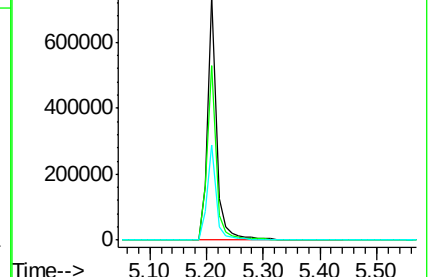
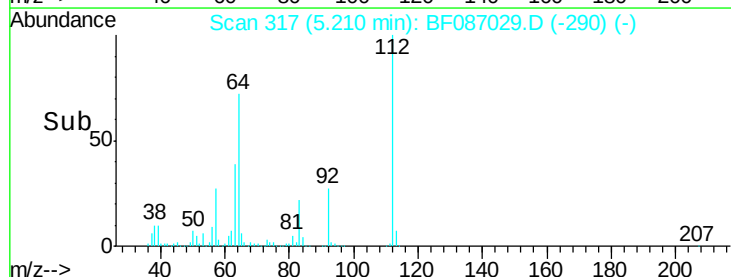
63 39.0 25.7 38.5#

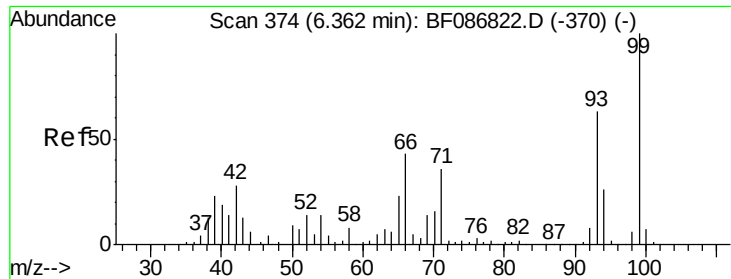


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.96 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087029.D

Acq: 14 May 2016 19:39

Instrument :

BNA_F

ClientSampleId :

PB90466BL

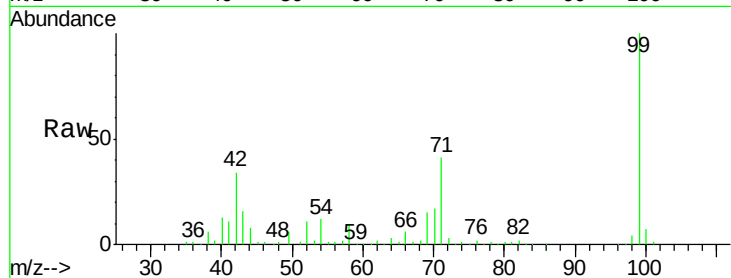
Tgt Ion: 99 Resp: 956764

Ion Ratio Lower Upper

99 100

42 33.6 13.6 20.4#

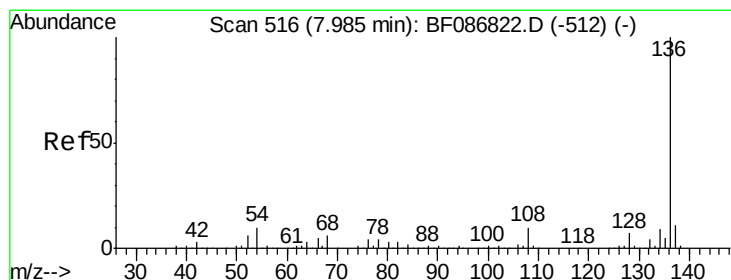
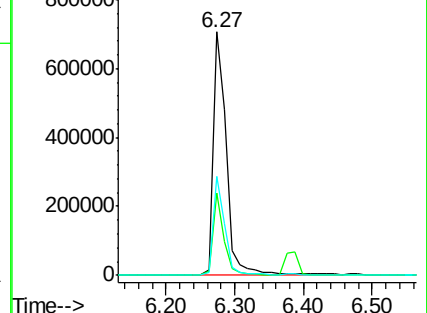
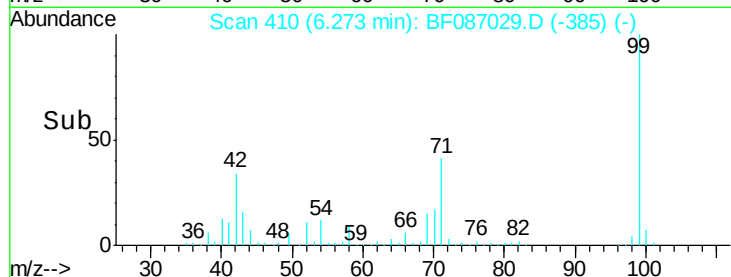
71 40.6 24.6 36.8#



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: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087029.D

Acq: 14 May 2016 19:39

Tgt Ion: 136 Resp: 560362

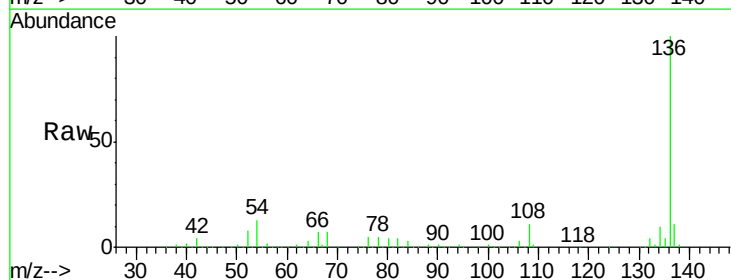
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.2 5.0 7.4#

68 6.9 4.4 6.6#

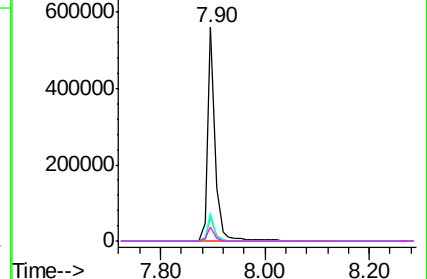
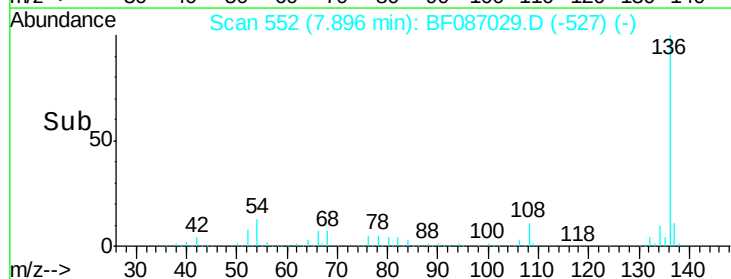


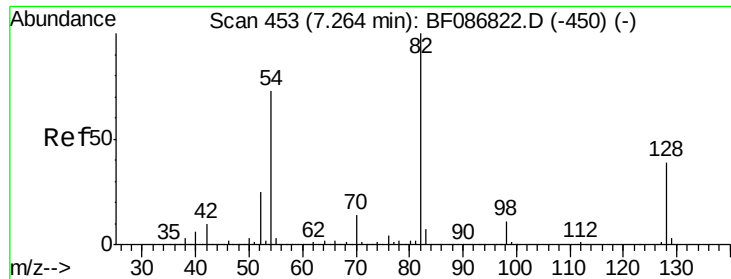
Abundance Ion 136.00 (135.70 to 136.70): E

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

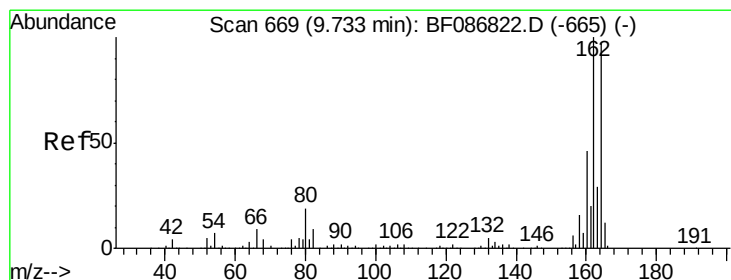
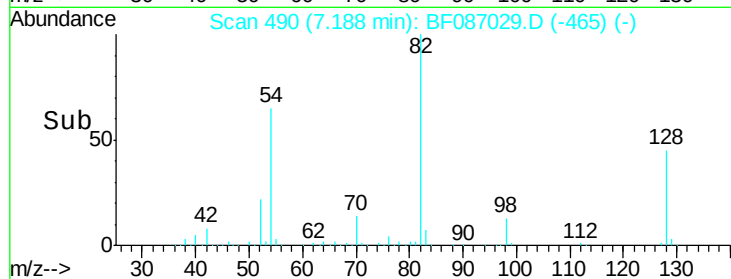
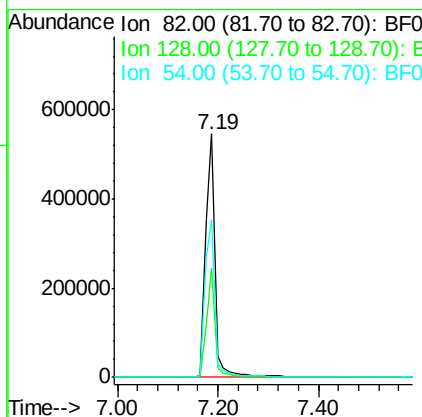
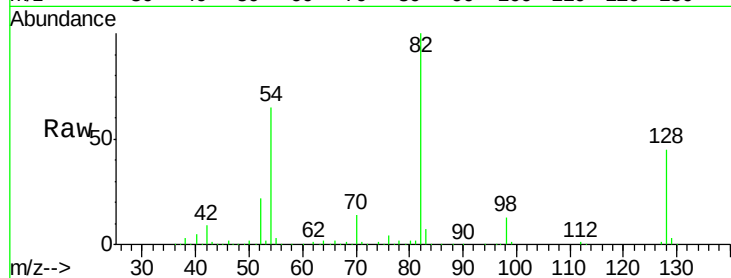




#23
Nitrobenzene-d5
Concen: 63.76 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF087029.D
Acq: 14 May 2016 19:39

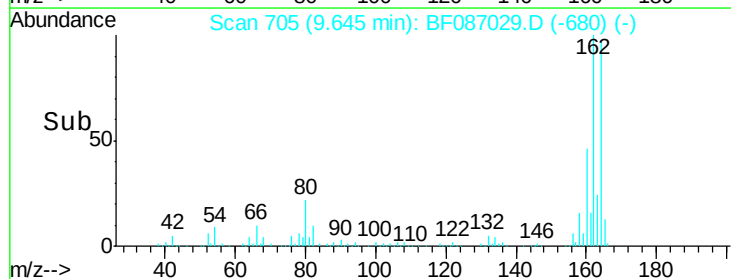
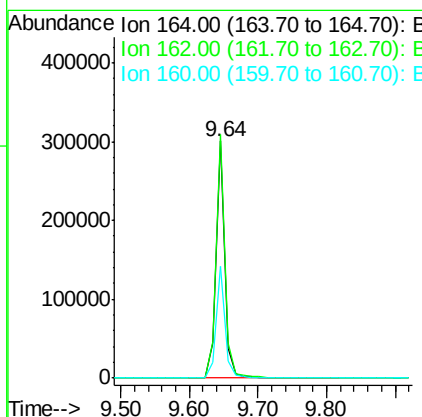
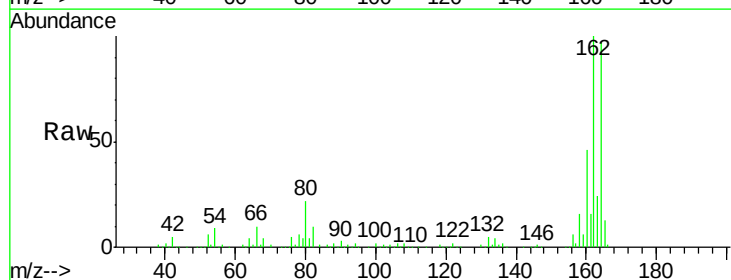
Instrument :
BNA_F
ClientSampleId :
PB90466BL

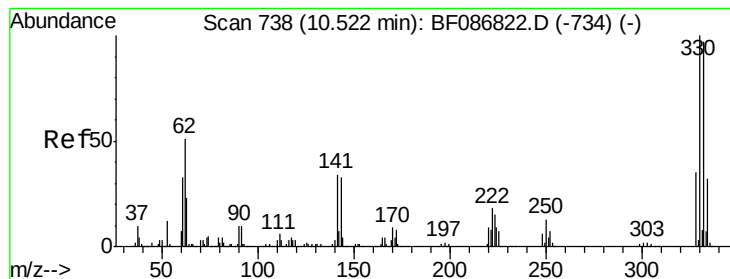
Tgt Ion: 82 Resp: 711596
Ion Ratio Lower Upper
82 100
128 45.1 40.6 61.0
54 64.6 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087029.D
Acq: 14 May 2016 19:39

Tgt Ion: 164 Resp: 273336
Ion Ratio Lower Upper
164 100
162 102.7 82.8 124.2
160 46.9 36.9 55.3

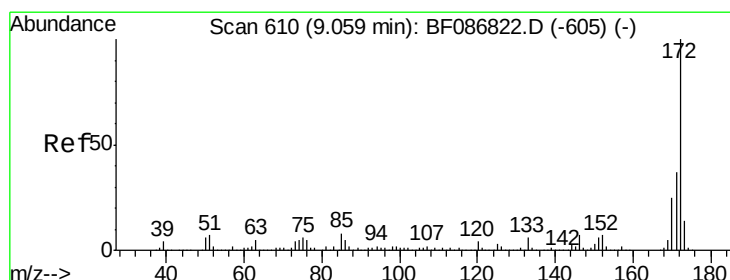
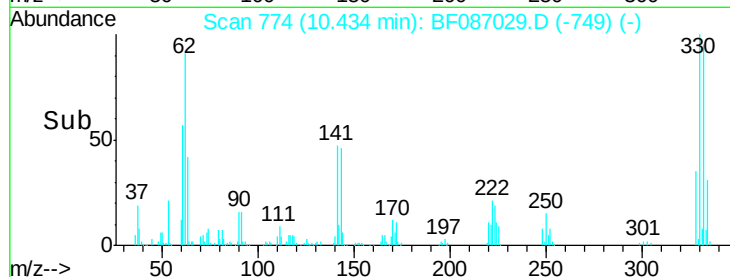
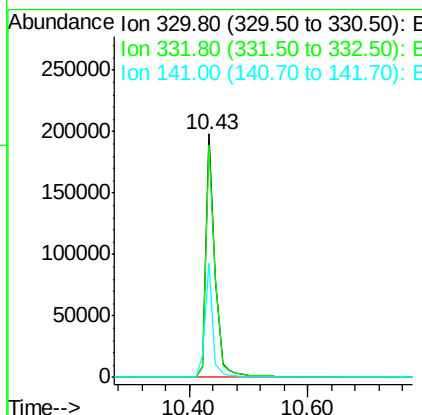
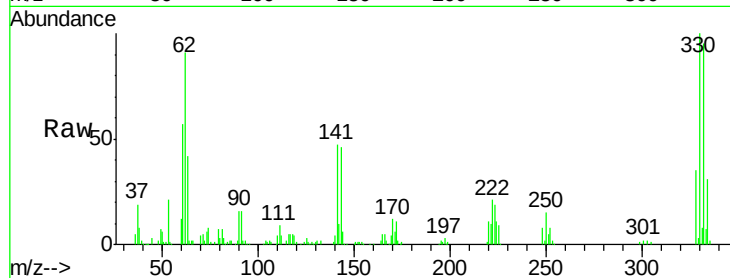




#41
 2,4,6-Tribromophenol
 Concen: 75.18 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087029.D
 Acq: 14 May 2016 19:39

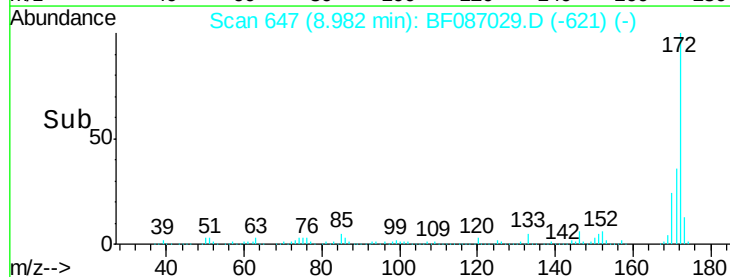
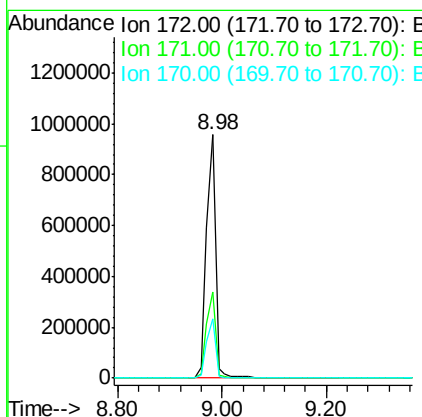
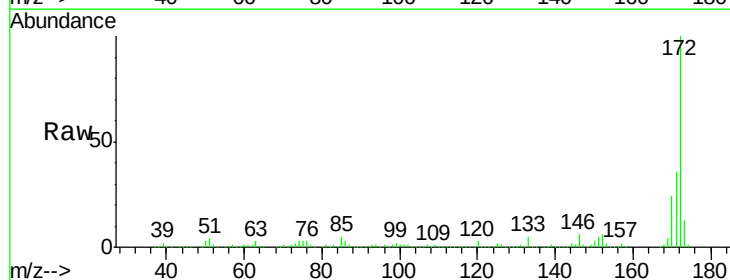
Instrument :
 BNA_F
 ClientSampled :
 PB90466BL

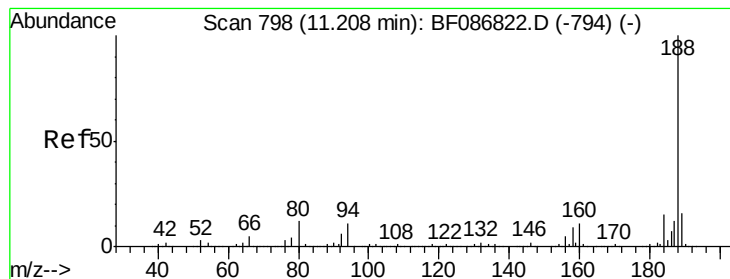
Tgt Ion:330 Resp: 217536
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 41.3 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 71.51 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087029.D
 Acq: 14 May 2016 19:39

Tgt Ion:172 Resp: 1163067
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.1 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF087029.D

Acq: 14 May 2016 19:39

Instrument :

BNA_F

ClientSampleId :

PB90466BL

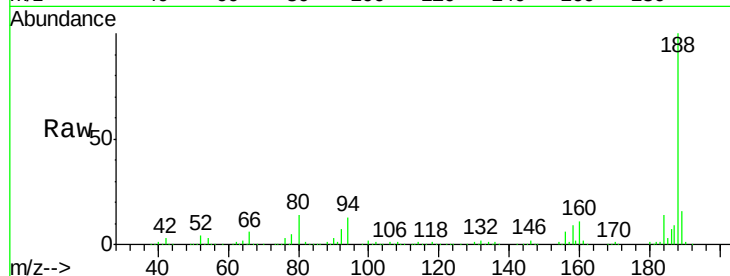
Tgt Ion:188 Resp: 500743

Ion Ratio Lower Upper

188 100

94 12.7 6.8 10.2#

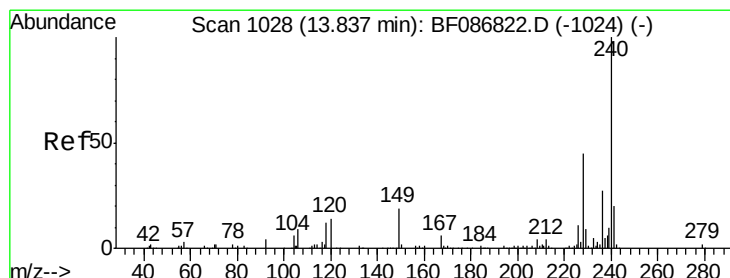
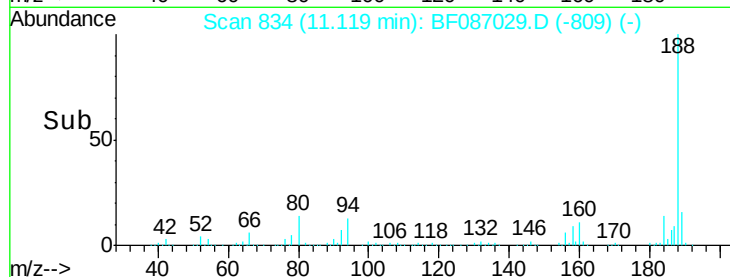
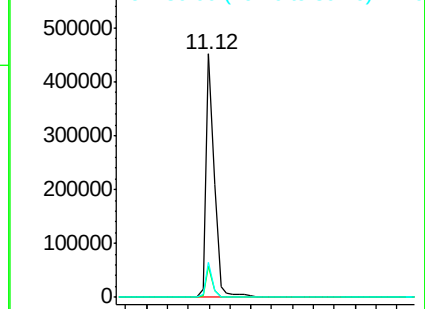
80 14.3 7.1 10.7#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087029.D

Acq: 14 May 2016 19:39

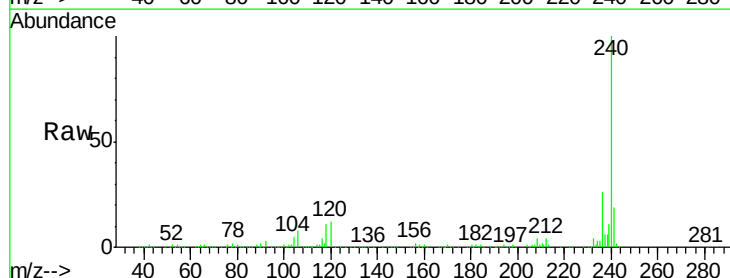
Tgt Ion:240 Resp: 340780

Ion Ratio Lower Upper

240 100

120 12.5 11.2 16.8

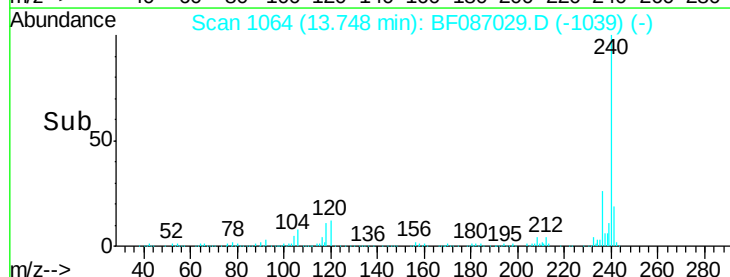
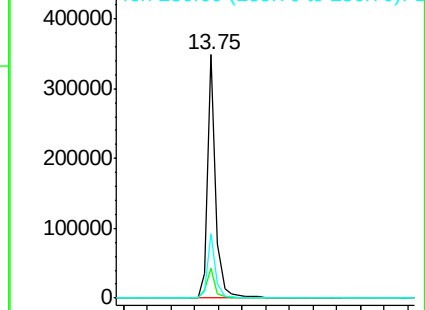
236 26.2 21.2 31.8

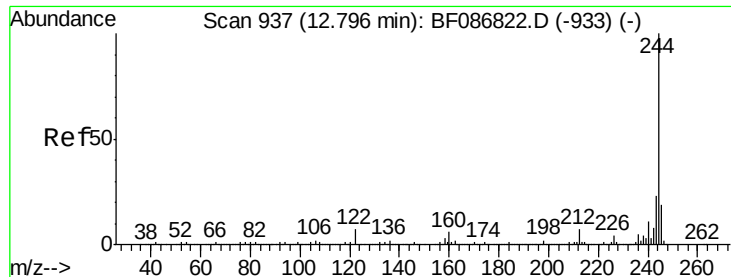


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

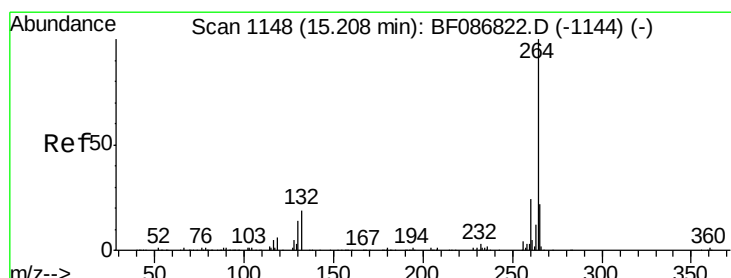
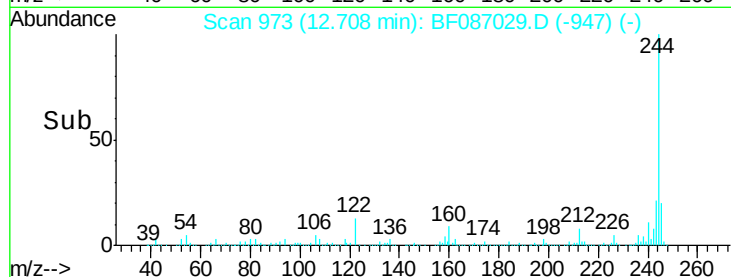
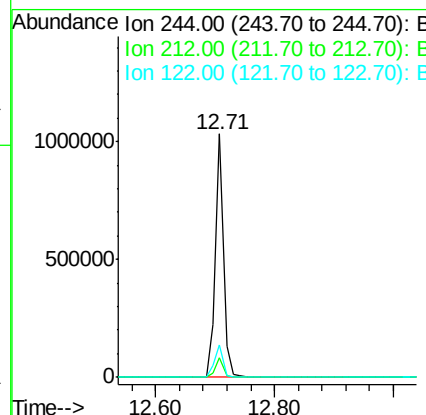
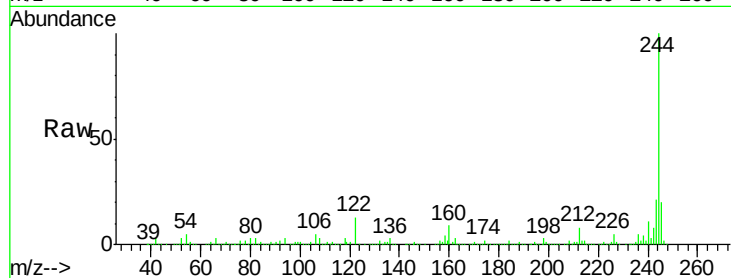




#78
 Terphenyl-d14
 Concen: 61.22 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF087029.D
 Acq: 14 May 2016 19:39

Instrument :
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 PB90466BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.4	12.0	18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087029.D
 Acq: 14 May 2016 19:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.0	17.3	25.9

