

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
 Data File : BF087087.D
 Acq On : 16 May 2016 17:57
 Operator : UM/SJ
 Sample : PB90651TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

Quant Time: May 17 02:15:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:12:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	134655	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	525337	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	212937	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	330221	20.00	ng	0.00
75) Chrysene-d12	13.75	240	276844	20.00	ng	-0.01
86) Perylene-d12	15.11	264	207664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	981271	123.41	ng	0.01
7) Phenol-d6	6.27	99	1237219	116.43	ng	-0.01
23) Nitrobenzene-d5	7.18	82	732236	69.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	206072	91.41	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1144961	90.37	ng	-0.01
78) Terphenyl-d14	12.71	244	911911	69.89	ng	0.00

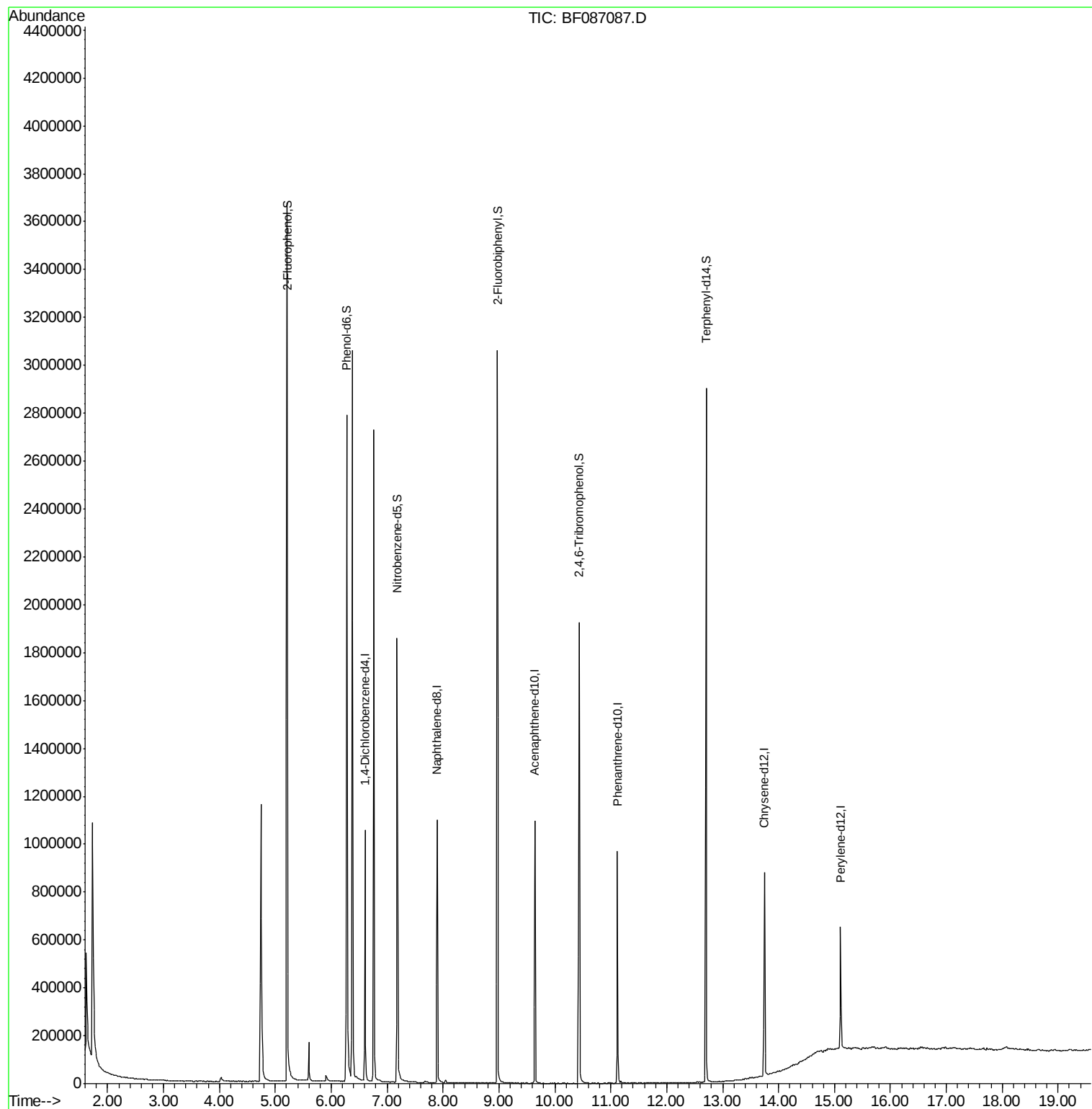
Target Compounds Qvalue

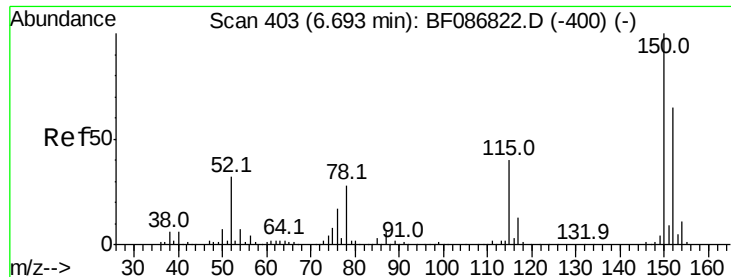
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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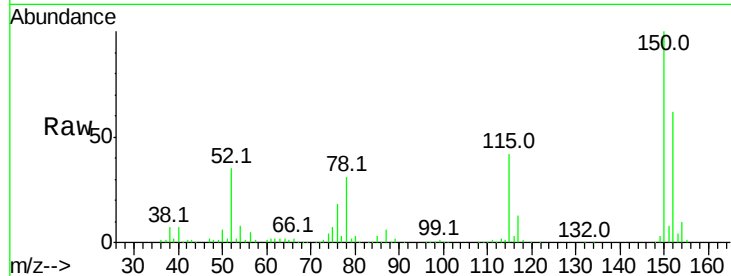


#1

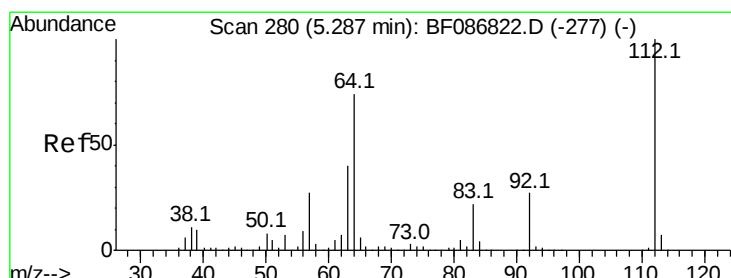
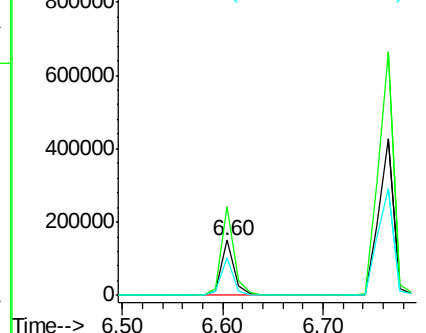
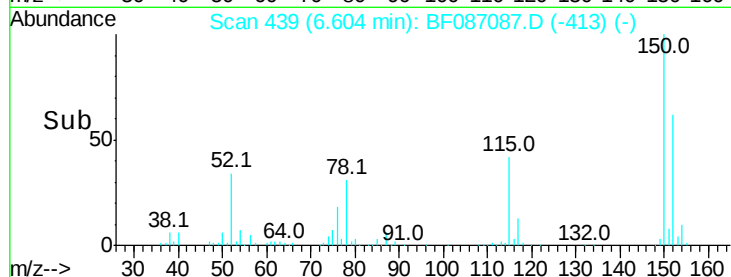
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF087087.D
Acq: 16 May 2016 17:57

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tot Ion:152 Resp: 134655
Ion Ratio Lower Upper
152 100
150 161.2 125.8 188.6
115 68.1 51.5 77.3



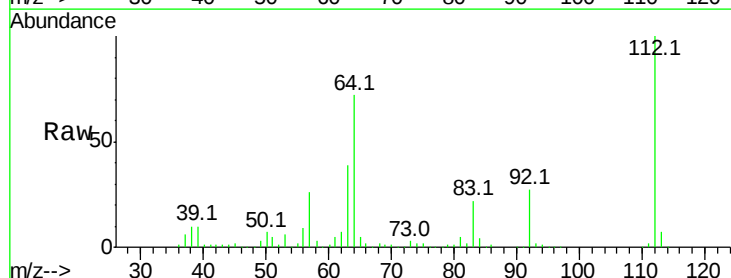
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



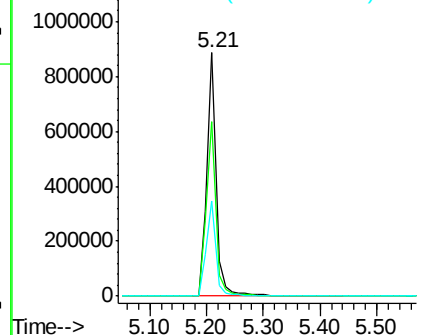
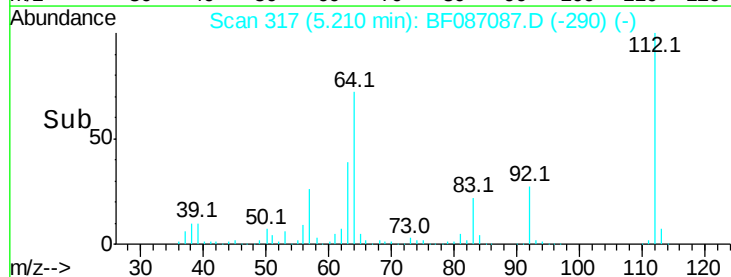
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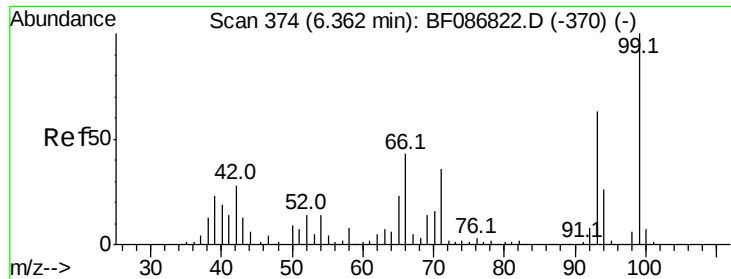
2-Fluorophenol
Concen: 123.41 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF087087.D
Acq: 16 May 2016 17:57

Tgt Ion:112 Resp: 981271
Ion Ratio Lower Upper
112 100
64 71.7 52.1 78.1
63 39.2 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: 116.43 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087087.D

Acq: 16 May 2016 17:57

Instrument :

BNA_F

ClientSampleId :

PB90651TB

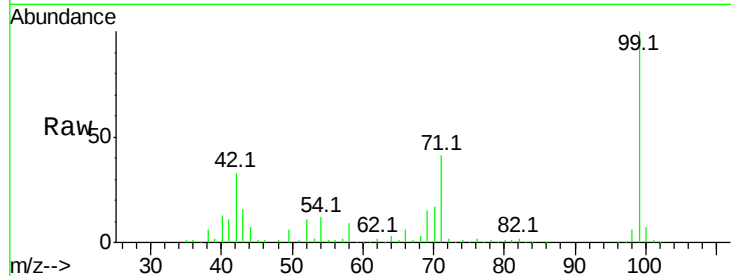
Tot Ion: 99 Resp: 1237219

Ion Ratio Lower Upper

99 100

42 33.0 13.6 20.4#

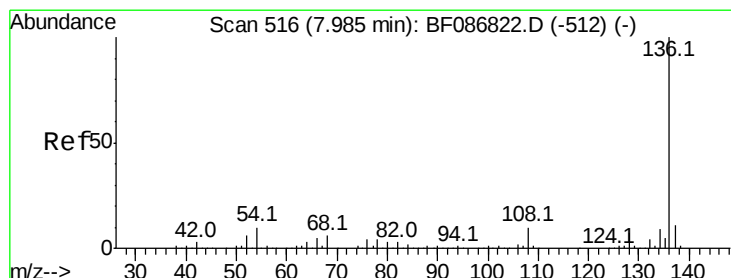
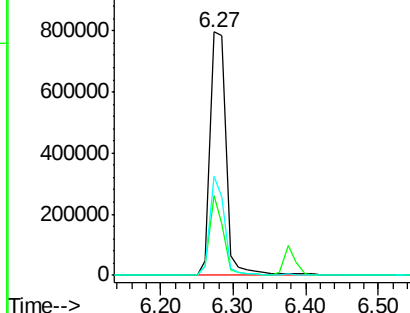
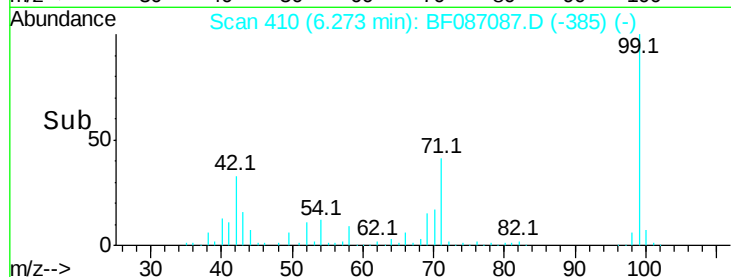
71 40.5 24.6 36.8#



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. 0.00 min

Lab File: BF087087.D

Acq: 16 May 2016 17:57

Tgt Ion: 136 Resp: 525337

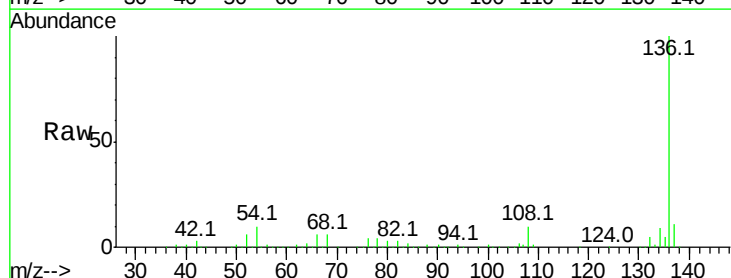
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.2 5.0 7.4#

68 5.6 4.4 6.6

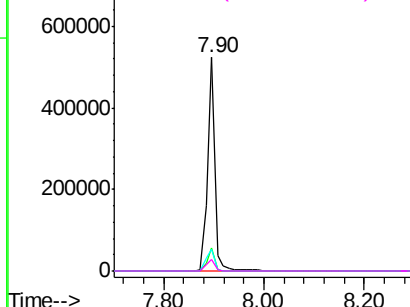
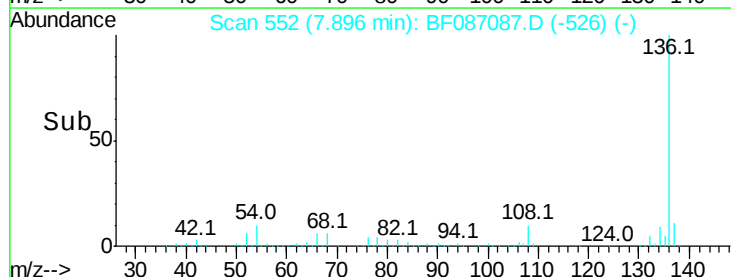


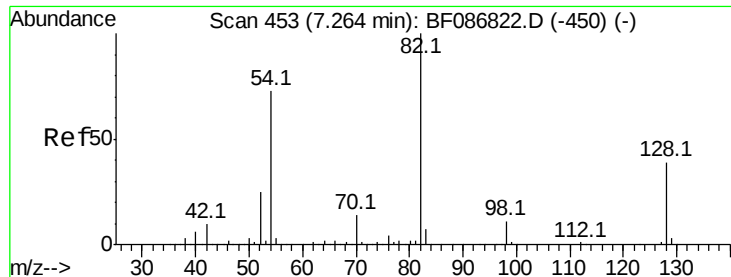
Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.99 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF087087.D

Acq: 16 May 2016 17:57

Instrument :

BNA_F

ClientSampleId :

PB90651TB

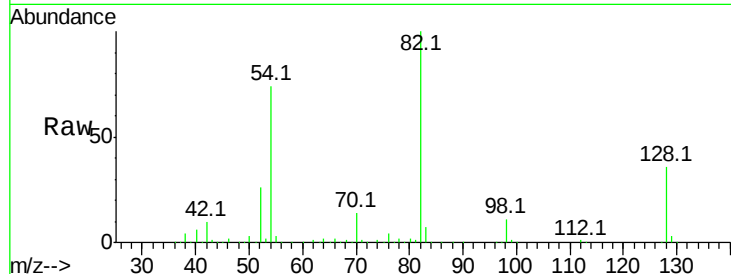
Tot Ion: 82 Resp: 732236

Ion Ratio Lower Upper

82 100

128 36.3 40.6 61.0#

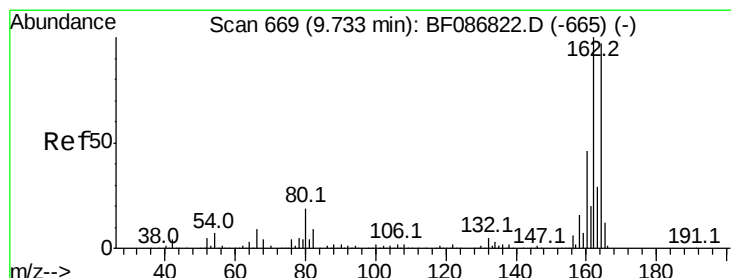
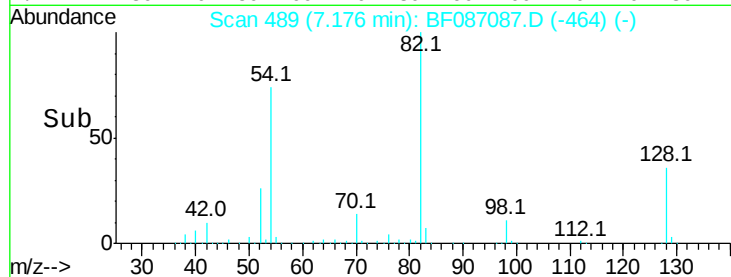
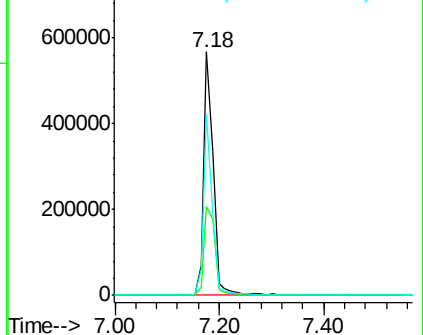
54 74.3 38.1 57.1#



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. 0.00 min

Lab File: BF087087.D

Acq: 16 May 2016 17:57

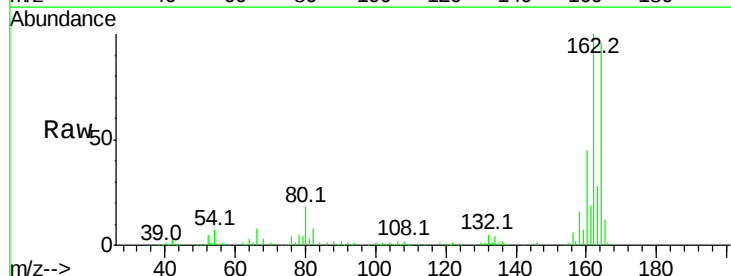
Tgt Ion:164 Resp: 212937

Ion Ratio Lower Upper

164 100

162 104.6 82.8 124.2

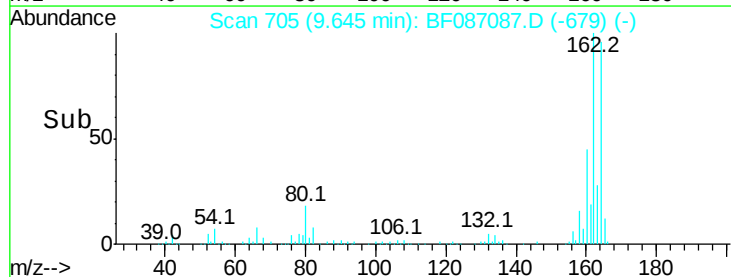
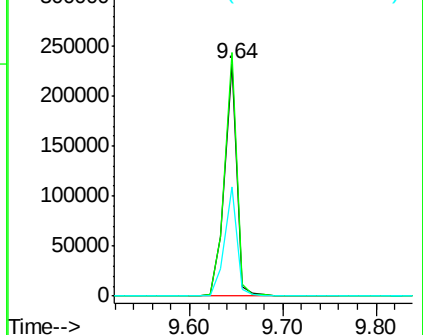
160 46.9 36.9 55.3

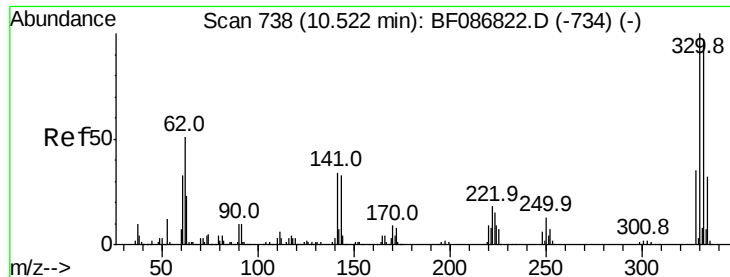


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

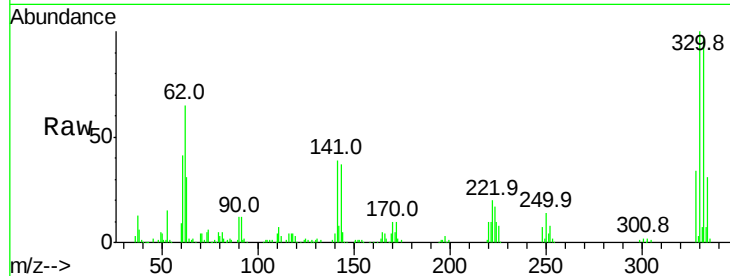




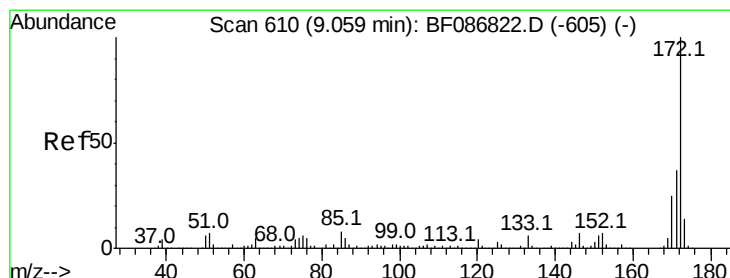
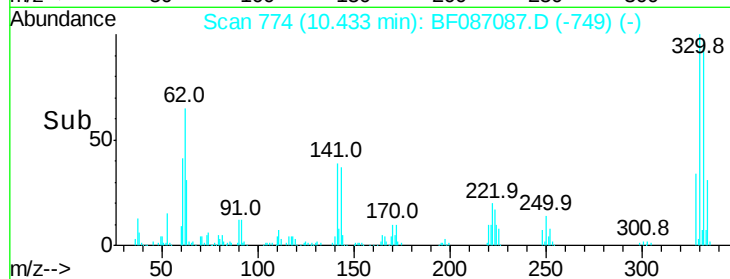
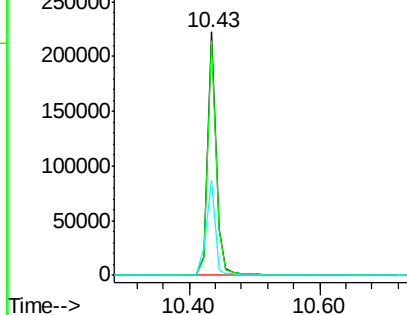
#41
 2,4,6-Tribromophenol
 Concen: 91.41 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087087.D
 Acq: 16 May 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	41.2	31.2	46.8

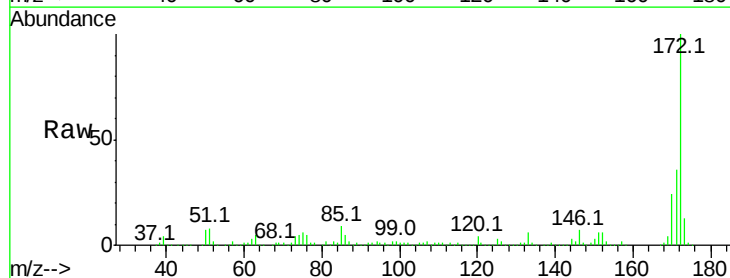


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

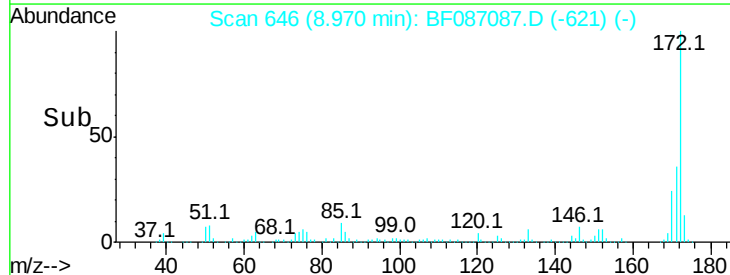
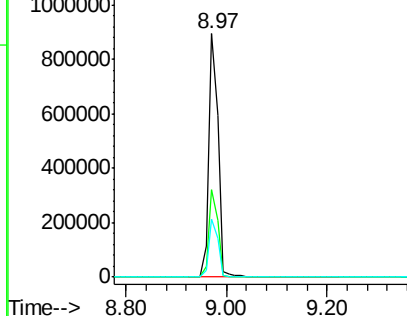


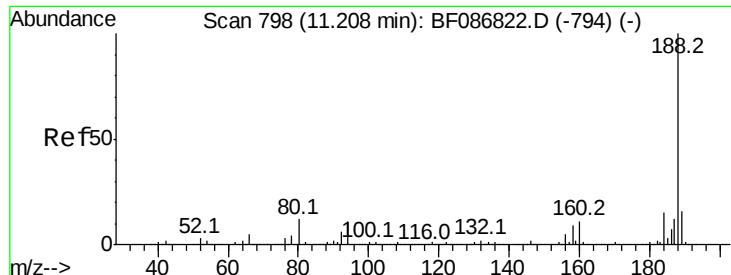
#44
 2-Fluorobiphenyl
 Concen: 90.37 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF087087.D
 Acq: 16 May 2016 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.7	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

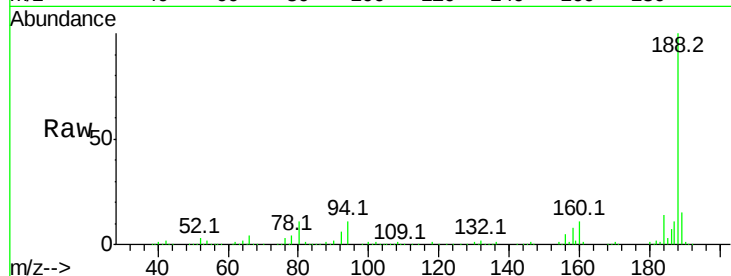




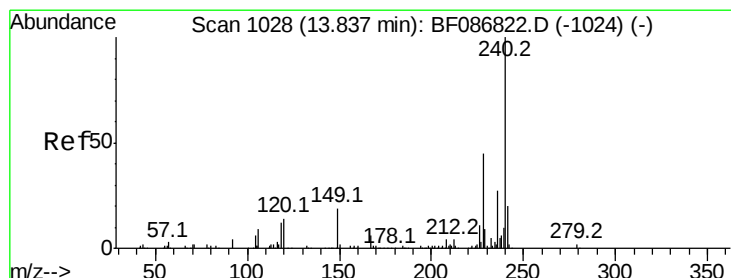
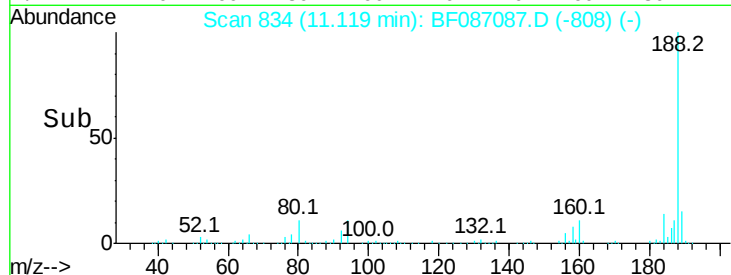
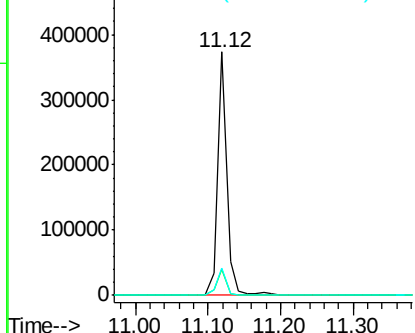
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF087087.D
Acq: 16 May 2016 17:57

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tot Ion:188 Resp: 330221
Ion Ratio Lower Upper
188 100
94 10.6 6.8 10.2#
80 11.0 7.1 10.7#

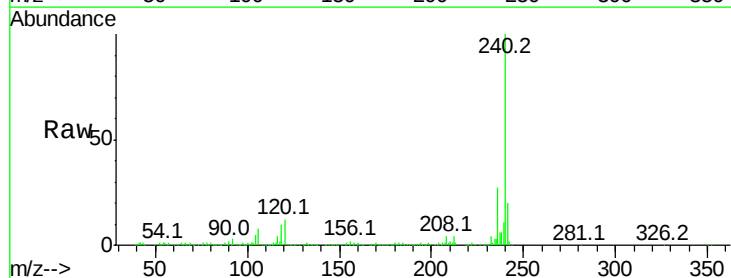


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

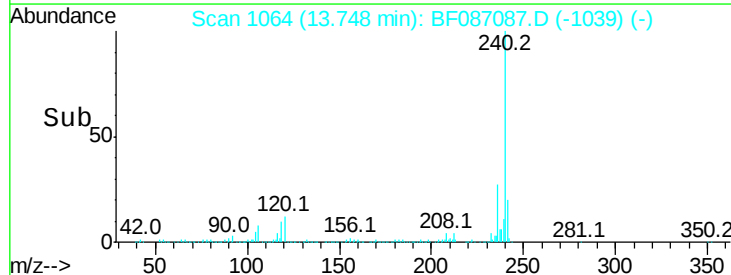
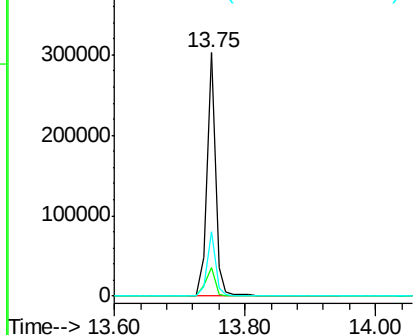


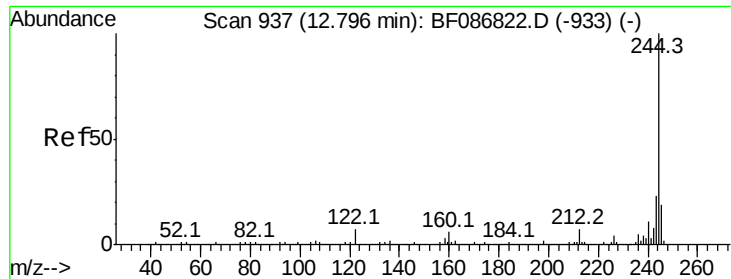
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087087.D
Acq: 16 May 2016 17:57

Tgt Ion:240 Resp: 276844
Ion Ratio Lower Upper
240 100
120 11.7 11.2 16.8
236 26.6 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

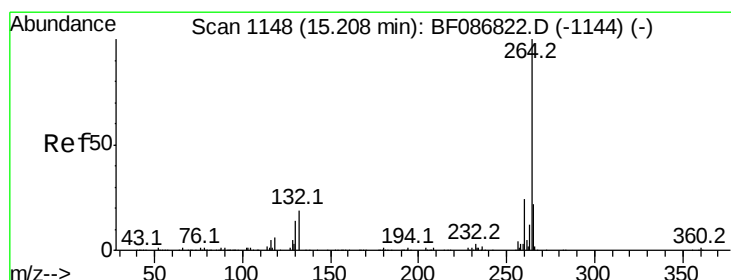
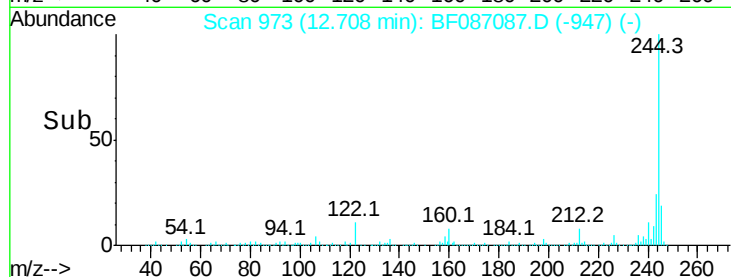
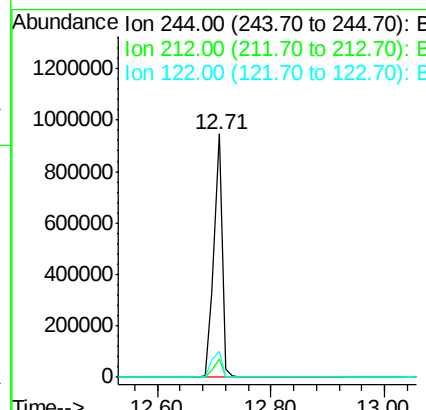
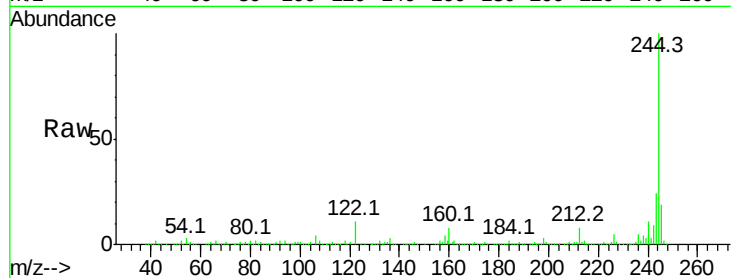




#78
 Terphenyl-d14
 Concen: 69.89 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF087087.D
 Acq: 16 May 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

Tot Ion:244 Resp: 911911
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.9 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: BF087087.D
 Acq: 16 May 2016 17:57

Tgt Ion:264 Resp: 207664
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.8 17.3 25.9

