

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087232.D
 Acq On : 20 May 2016 18:58
 Operator : UM/SJ
 Sample : PB90771BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90771BL

Quant Time: May 21 00:26:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	152190	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	641355	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	337943	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	632091	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	518314	20.00	ng	-0.01
86) Perylene-d12	15.04	264	360044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	863475	95.37	ng	0.01
7) Phenol-d6	6.23	99	1316266	108.39	ng	0.00
23) Nitrobenzene-d5	7.13	82	773647	60.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	288675	77.30	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1473741	72.22	ng	0.00
78) Terphenyl-d14	12.65	244	1326161	57.88	ng	0.00

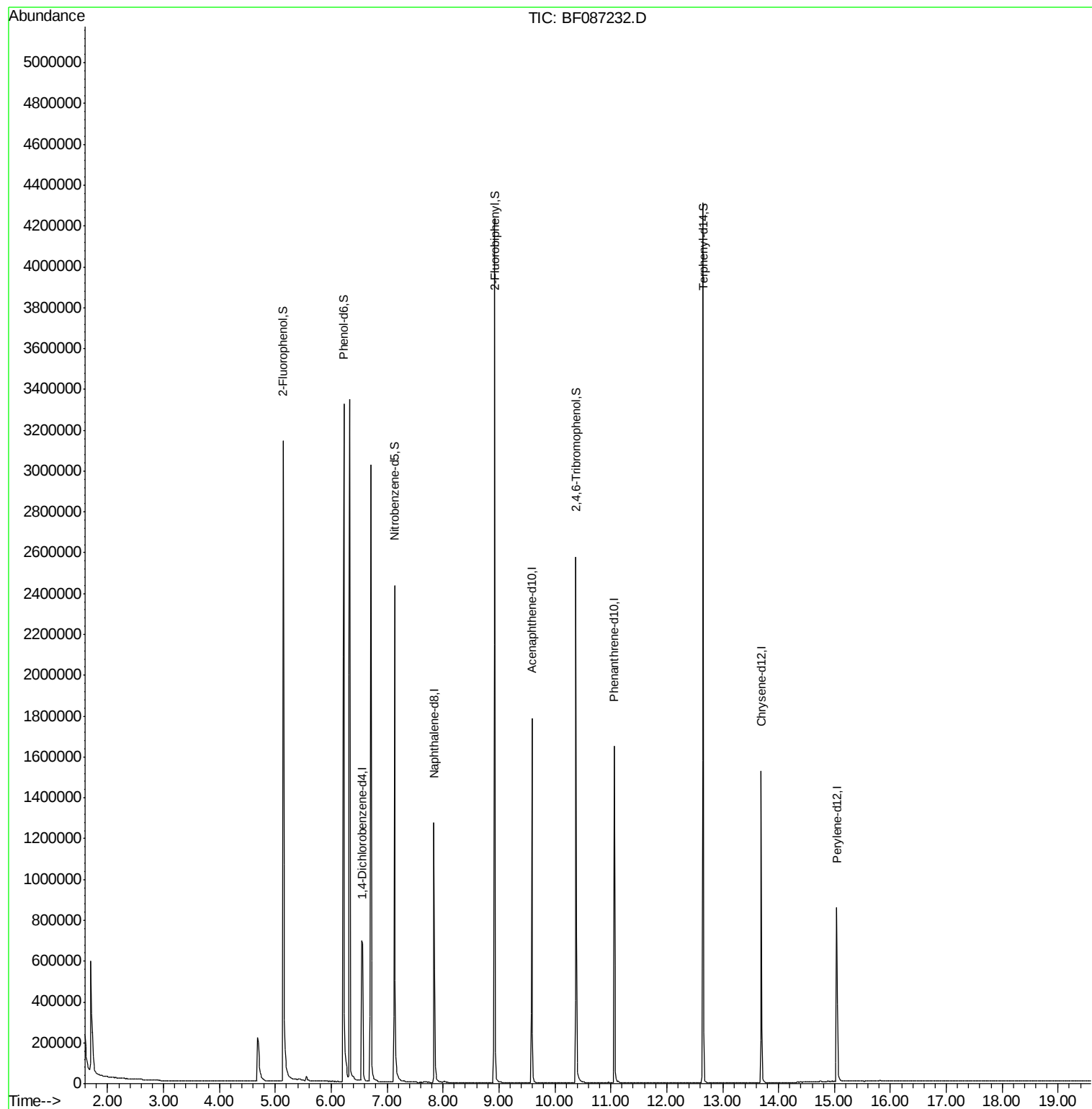
Target Compounds Qvalue

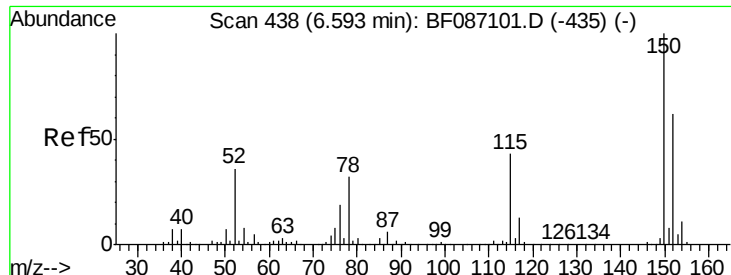
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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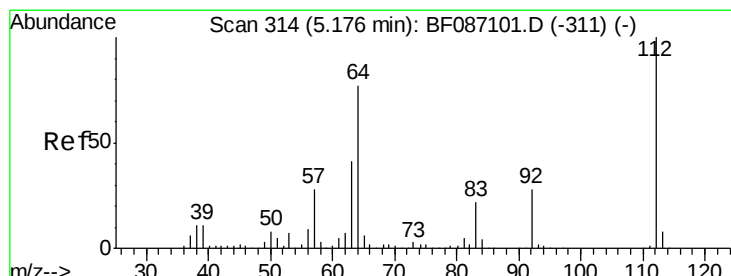
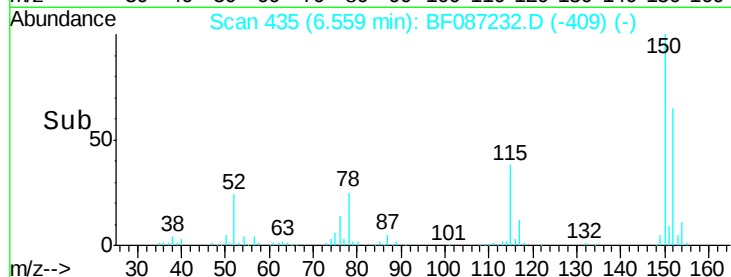
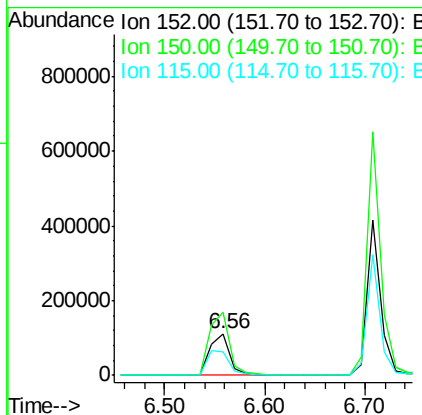
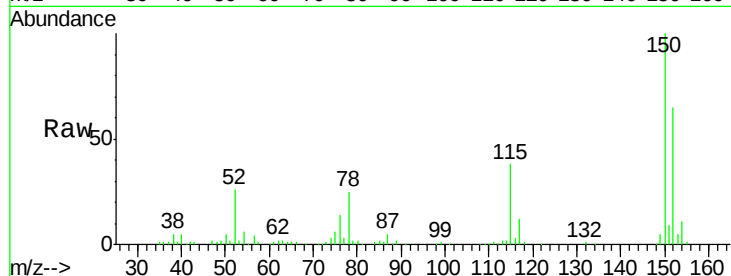


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087232.D
Acq: 20 May 2016 18:58

Instrument :
BNA_F
ClientSampleId :
PB90771BL

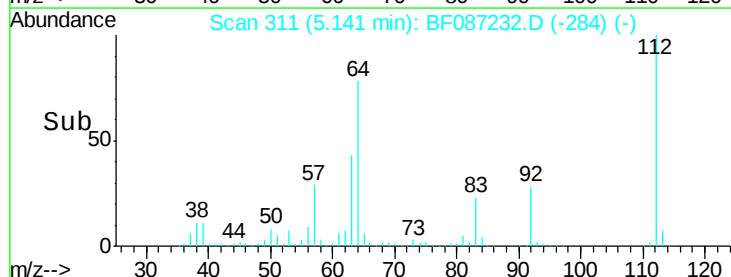
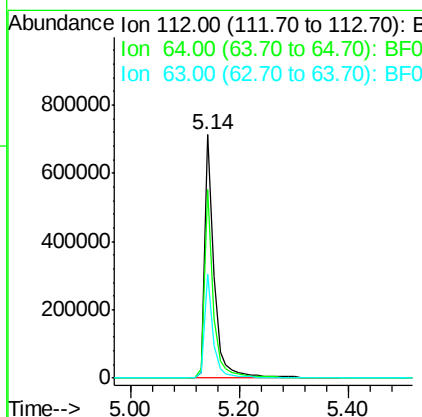
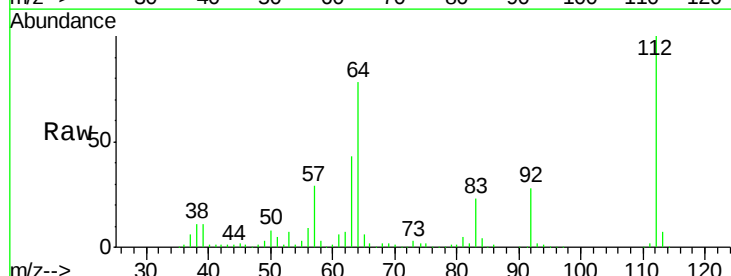
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.8	188.6
115	58.1	51.5	77.3

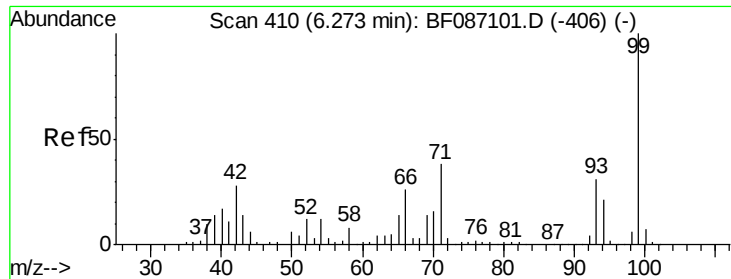


#5

2-Fluorophenol
Concen: 95.37 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087232.D
Acq: 20 May 2016 18:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.6	52.1	78.1
63	42.5	25.7	38.5





#7

Phenol-d6

Concen: 108.39 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087232.D

Acq: 20 May 2016 18:58

Instrument :

BNA_F

ClientSampled :

PB90771BL

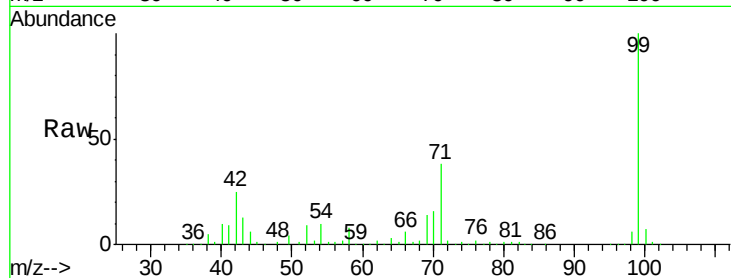
Tot Ion: 99 Resp: 1316266

Ion Ratio Lower Upper

99 100

42 25.5 13.6 20.4#

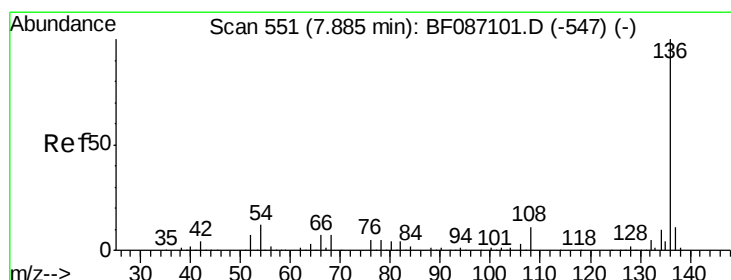
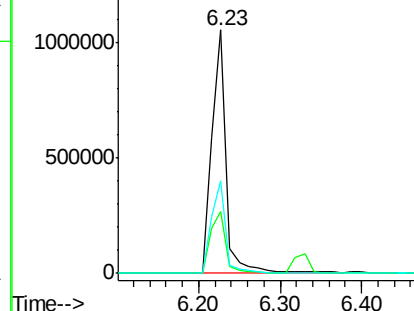
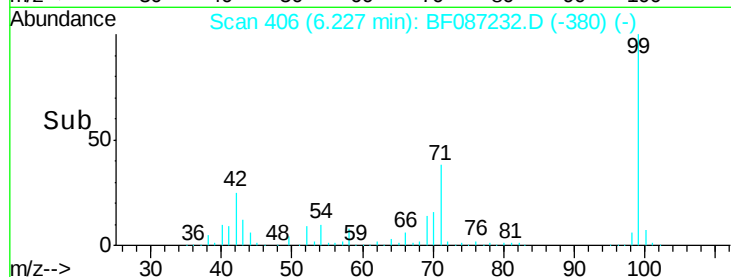
71 37.8 24.6 36.8#



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: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087232.D

Acq: 20 May 2016 18:58

Tgt Ion: 136 Resp: 641355

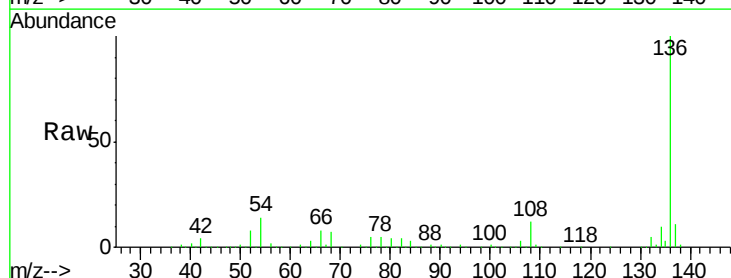
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.6 5.0 7.4#

68 7.1 4.4 6.6#

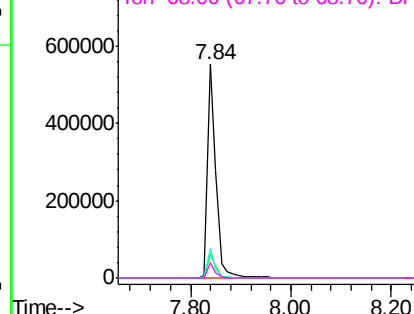
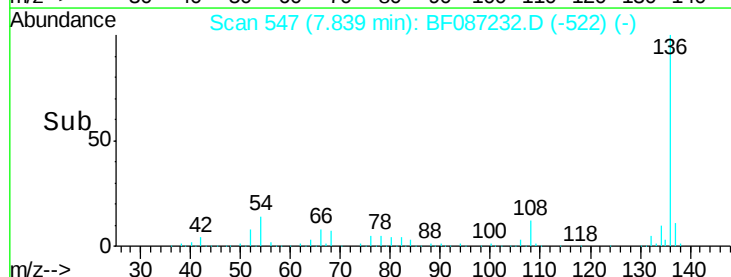


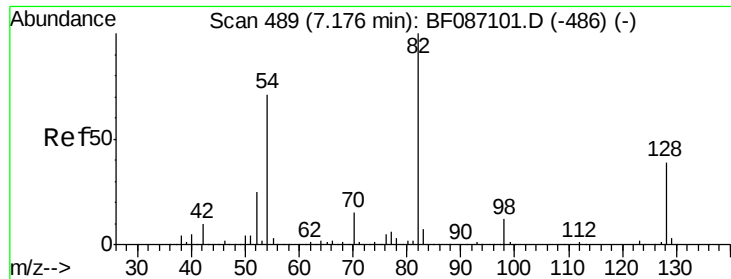
Abundance Ion 136.00 (135.70 to 136.70): E

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

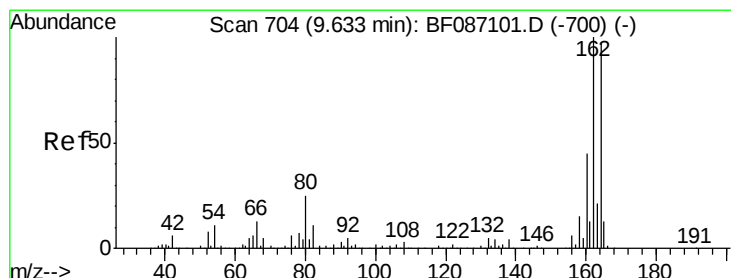
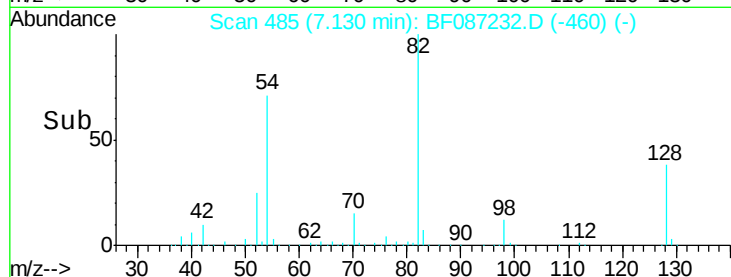
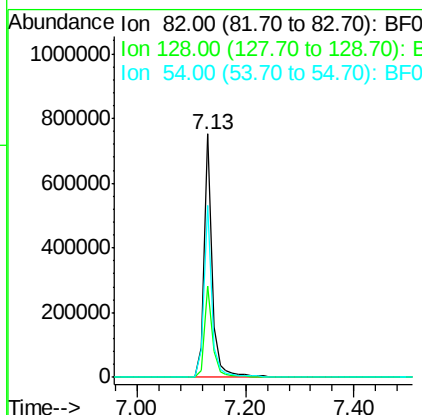
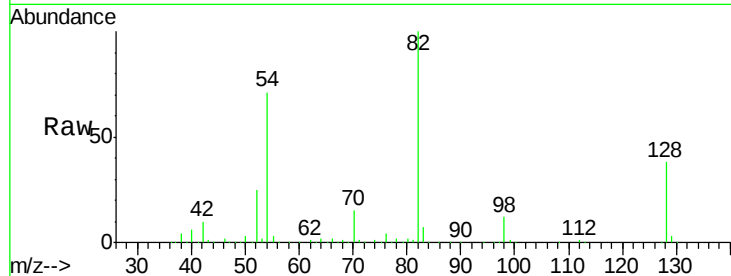




#23
Nitrobenzene-d5
Concen: 60.12 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF087232.D
Acq: 20 May 2016 18:58

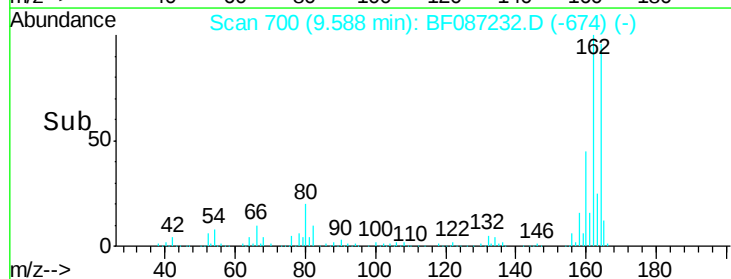
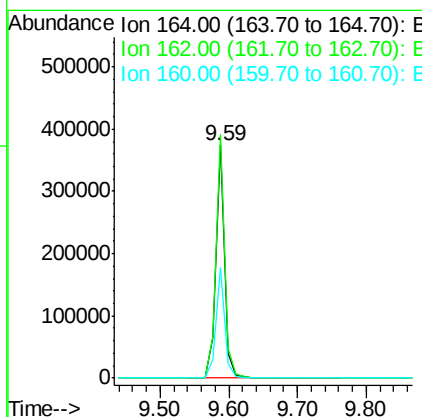
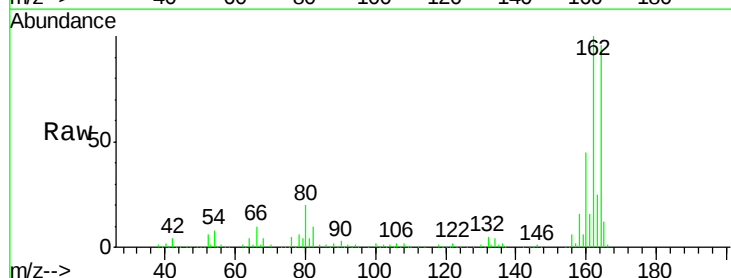
Instrument :
BNA_F
ClientSampleId :
PB90771BL

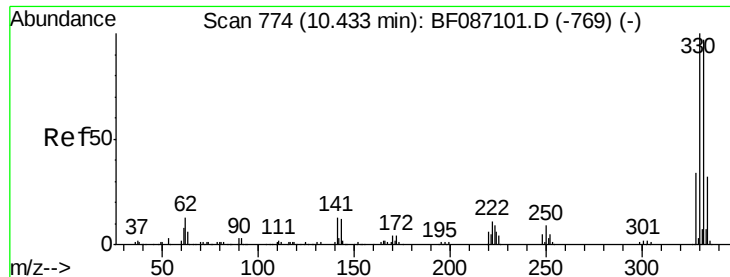
Tot Ion: 82 Resp: 773647
Ion Ratio Lower Upper
82 100
128 37.5 40.6 61.0#
54 70.8 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF087232.D
Acq: 20 May 2016 18:58

Tgt Ion: 164 Resp: 337943
Ion Ratio Lower Upper
164 100
162 104.6 82.8 124.2
160 47.4 36.9 55.3

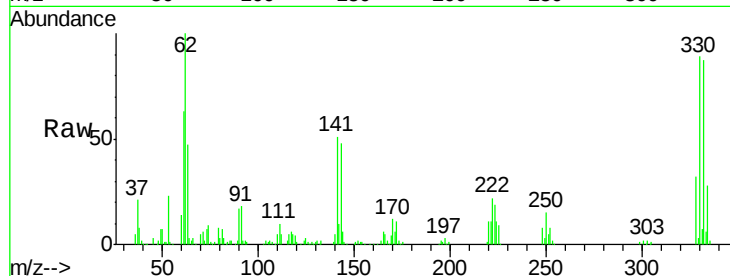




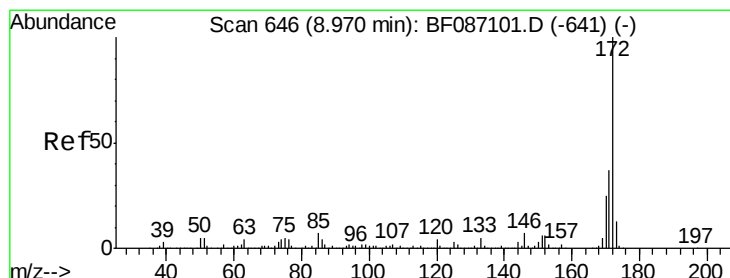
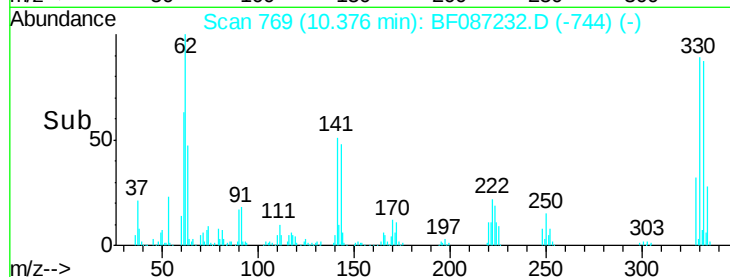
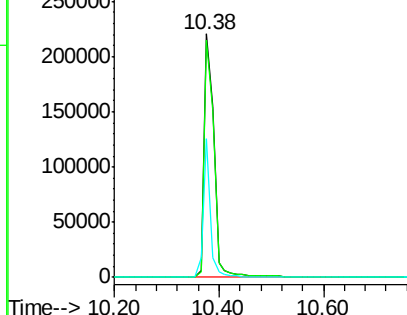
#41
 2,4,6-Tribromophenol
 Concen: 77.30 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087232.D
 Acq: 20 May 2016 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90771BL

Tot Ion:330 Resp: 288675
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.0 118.4
 141 41.7 31.2 46.8

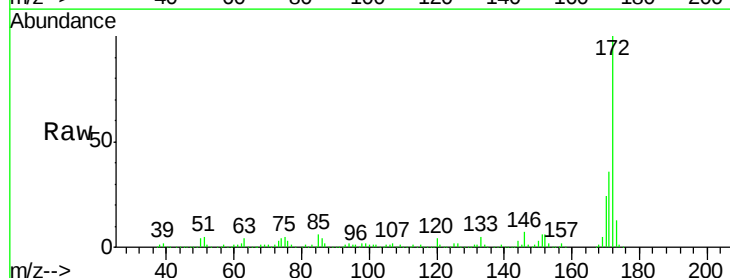


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

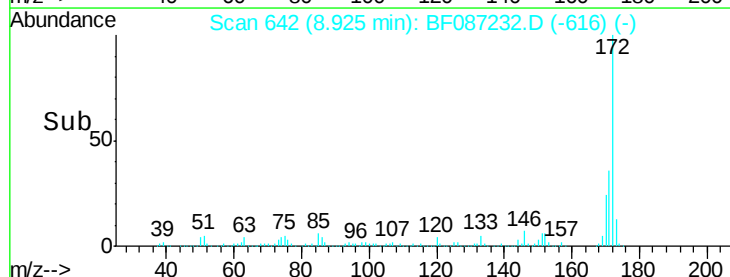
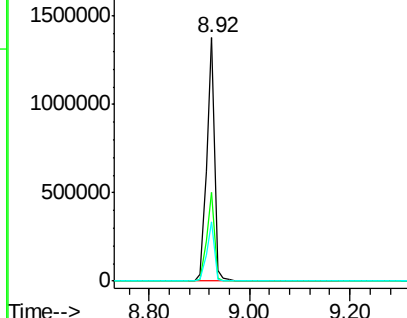


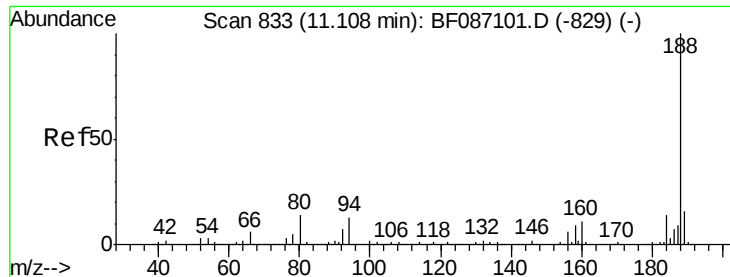
#44
 2-Fluorobiphenyl
 Concen: 72.22 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087232.D
 Acq: 20 May 2016 18:58

Tgt Ion:172 Resp: 1473741
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.4 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

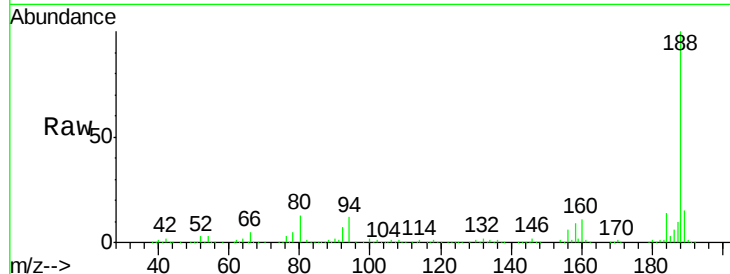




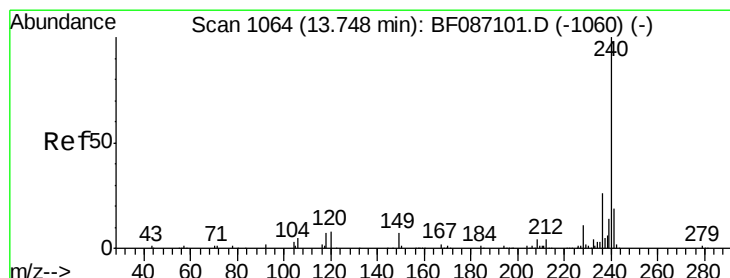
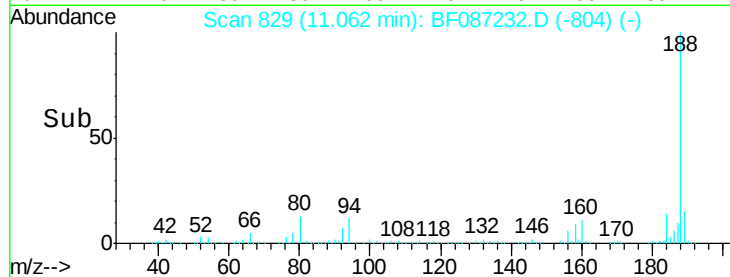
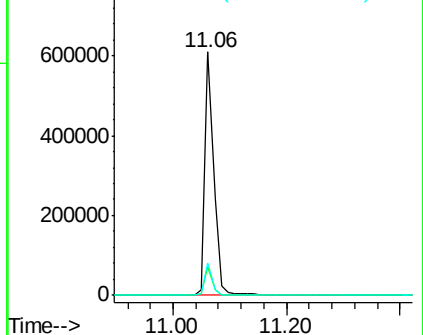
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087232.D
Acq: 20 May 2016 18:58

Instrument :
BNA_F
ClientSampleId :
PB90771BL

Tot Ion:188 Resp: 632091
Ion Ratio Lower Upper
188 100
94 11.7 6.8 10.2#
80 13.4 7.1 10.7#

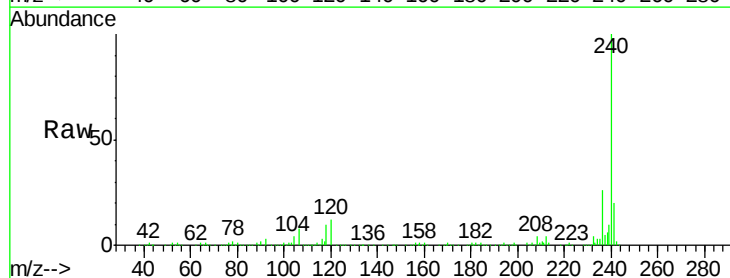


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

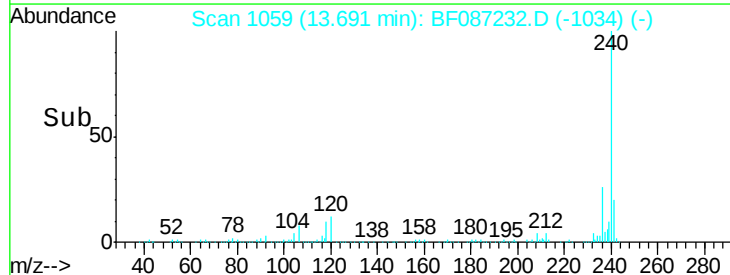
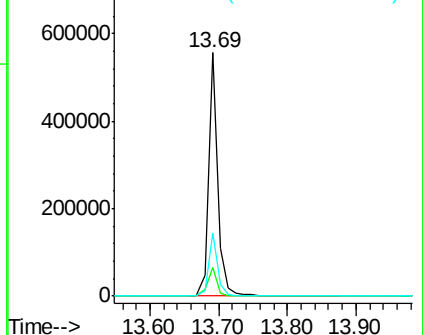


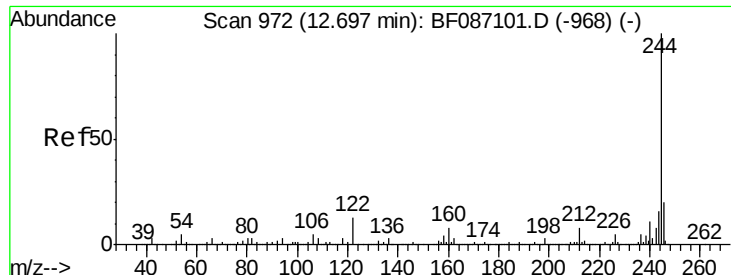
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087232.D
Acq: 20 May 2016 18:58

Tgt Ion:240 Resp: 518314
Ion Ratio Lower Upper
240 100
120 11.6 11.2 16.8
236 26.0 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

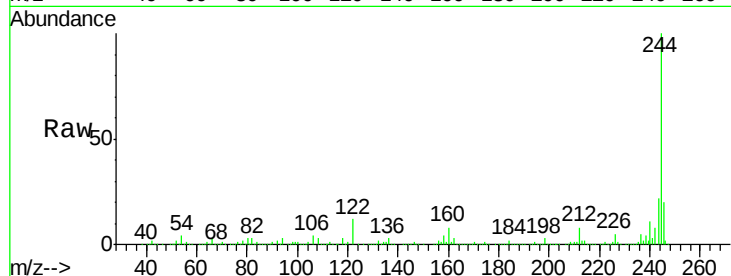




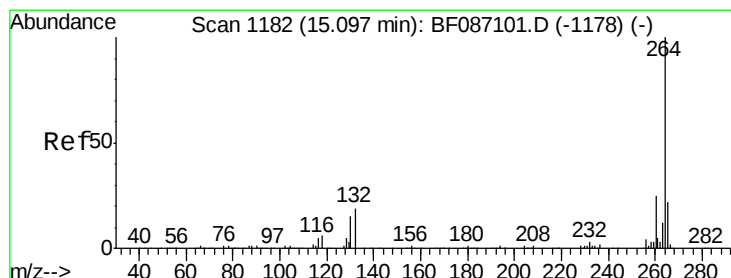
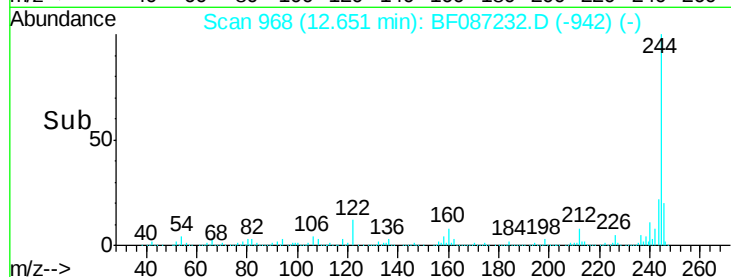
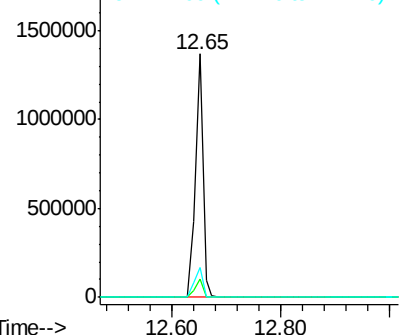
#78
 Terphenyl-d14
 Concen: 57.88 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF087232.D
 Acq: 20 May 2016 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB90771BL

Tot Ion:244 Resp: 1326161
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.1 12.0 18.0

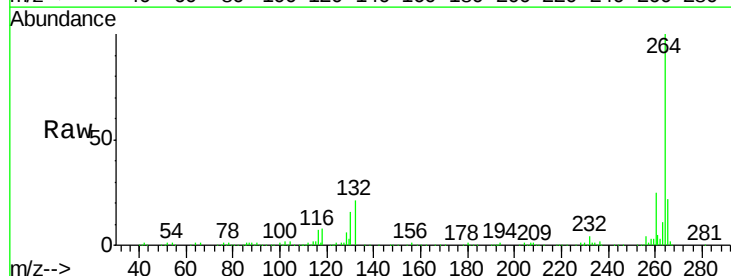


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF087232.D
 Acq: 20 May 2016 18:58

Tgt Ion:264 Resp: 360044
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 22.3 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

