

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
 Data File : BF088076.D
 Acq On : 16 Jun 2016 15:25
 Operator : UM/SJ
 Sample : PB91213TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91213TB

Quant Time: Jun 16 16:53:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	99368	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	385731	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	180981	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	354965	20.00	ng	0.00
75) Chrysene-d12	13.86	240	313746	20.00	ng	0.00
86) Perylene-d12	15.25	264	256999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	612243	105.33	ng	0.01
7) Phenol-d6	6.36	99	848218	120.41	ng	0.00
23) Nitrobenzene-d5	7.28	82	495984	75.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	177173	92.71	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	946490	81.96	ng	0.00
78) Terphenyl-d14	12.82	244	884666	64.16	ng	0.00

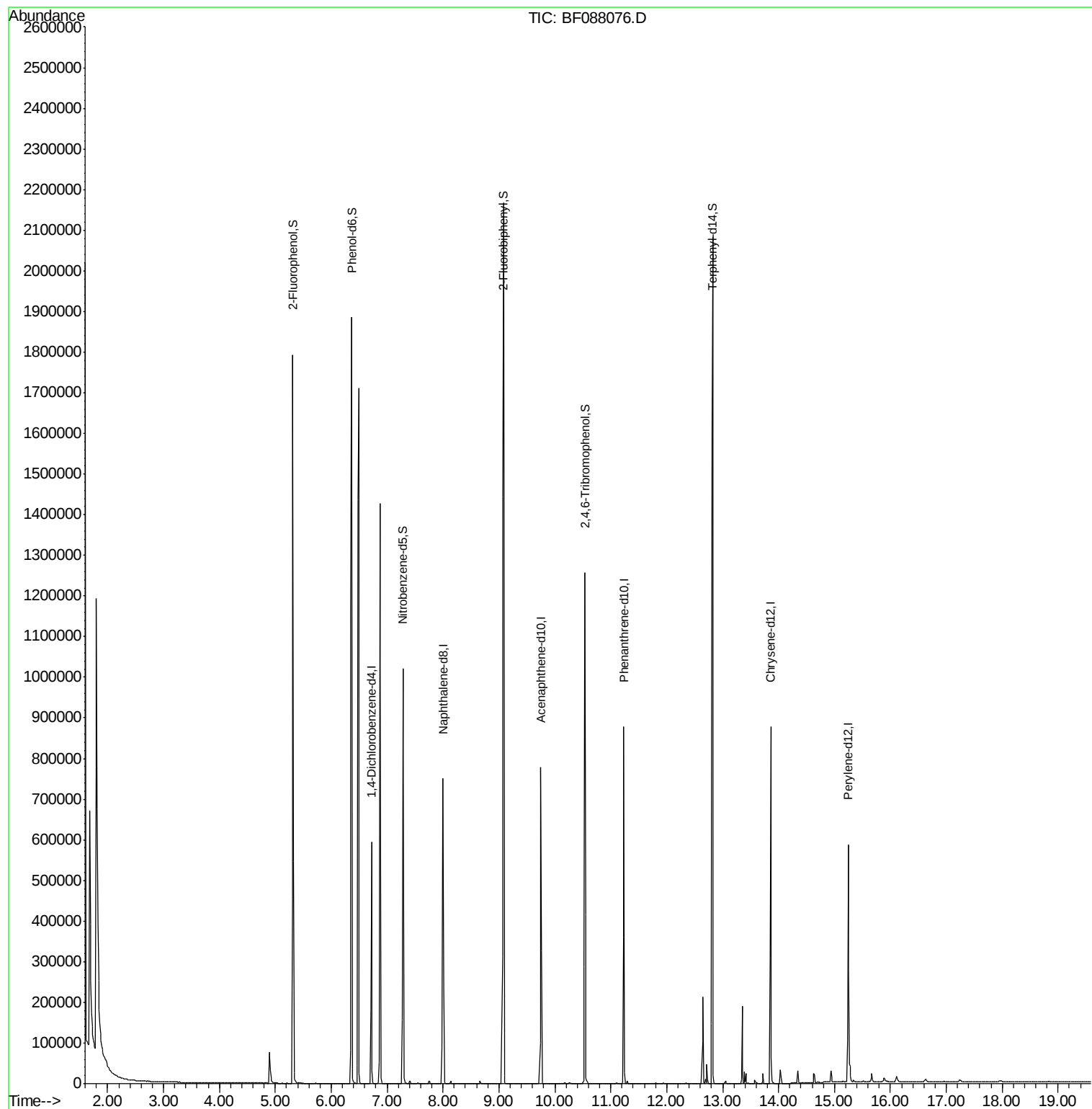
Target Compounds Qvalue

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

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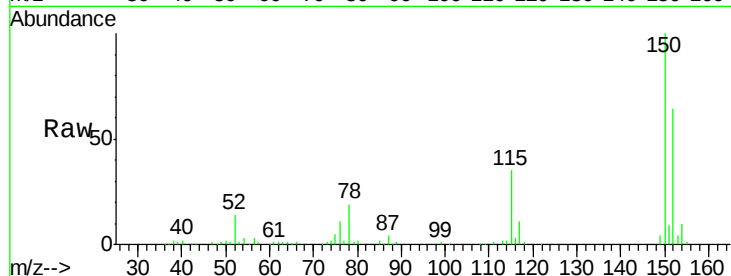


#1

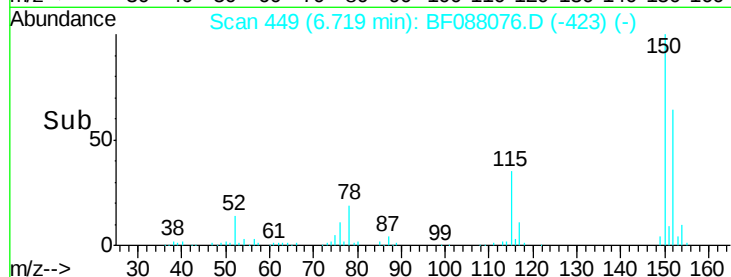
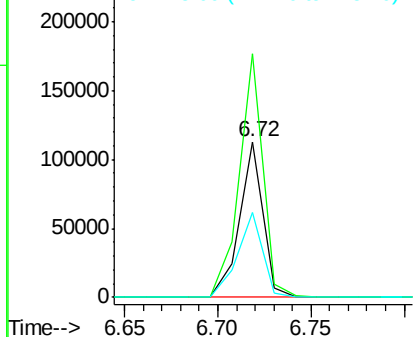
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088076.D
Acq: 16 Jun 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB91213TB

Tot Ion:152 Resp: 99368
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 54.3 39.6 59.4



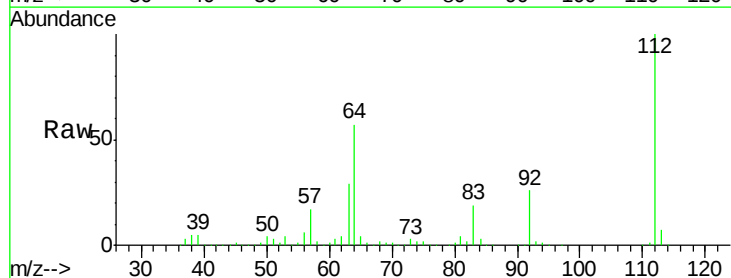
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



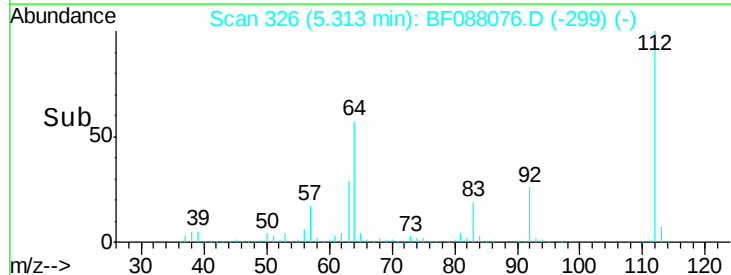
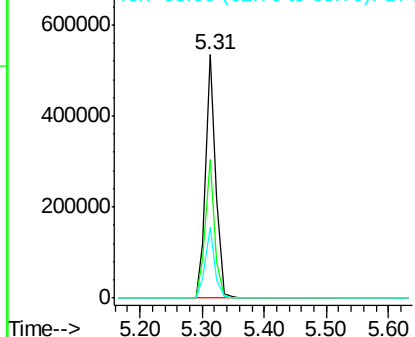
#5

2-Fluorophenol
Concen: 105.33 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.01 min
Lab File: BF088076.D
Acq: 16 Jun 2016 15:25

Tgt Ion:112 Resp: 612243
Ion Ratio Lower Upper
112 100
64 57.1 42.2 63.2
63 29.1 21.8 32.8



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: 120.41 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088076.D

Acq: 16 Jun 2016 15:25

Instrument :

BNA_F

ClientSampleId :

PB91213TB

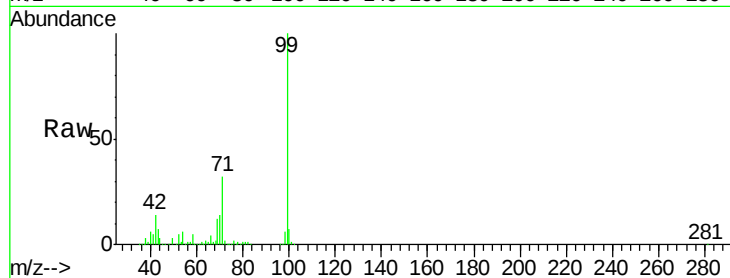
Tot Ion: 99 Resp: 848218

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.2

71 32.2 23.4 35.0



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

1000000

800000

600000

400000

200000

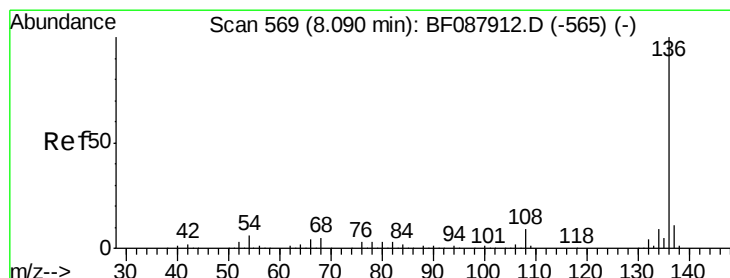
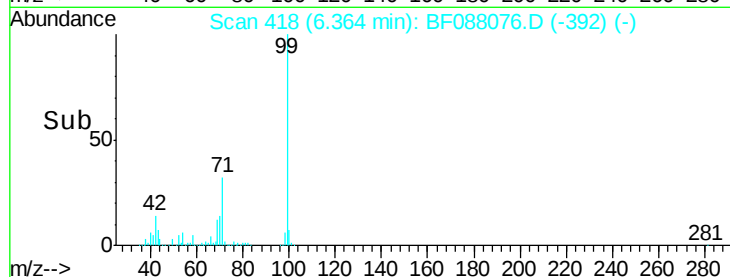
0

6.30

6.40

6.50

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF088076.D

Acq: 16 Jun 2016 15:25

Tgt Ion: 136 Resp: 385731

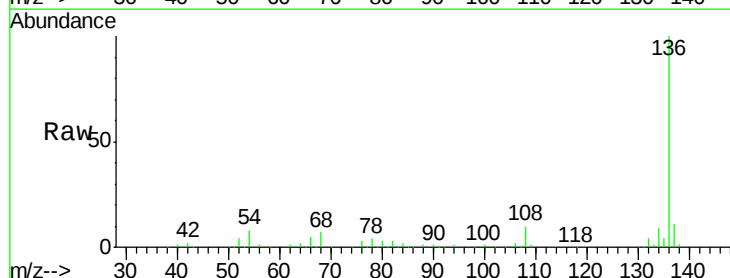
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.8 6.6 10.0

68 6.5 5.1 7.7



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

600000

500000

400000

300000

200000

100000

0

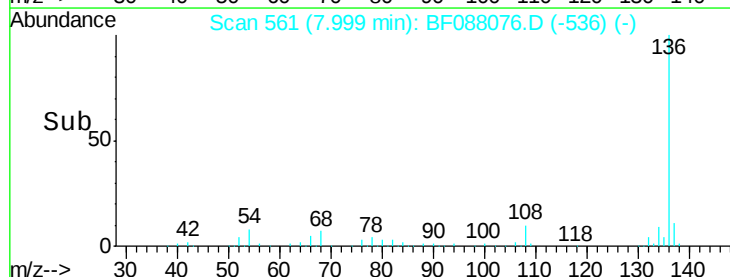
7.95

8.00

8.05

8.10

Time-->

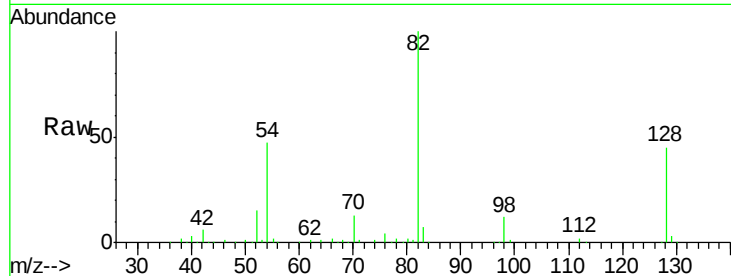




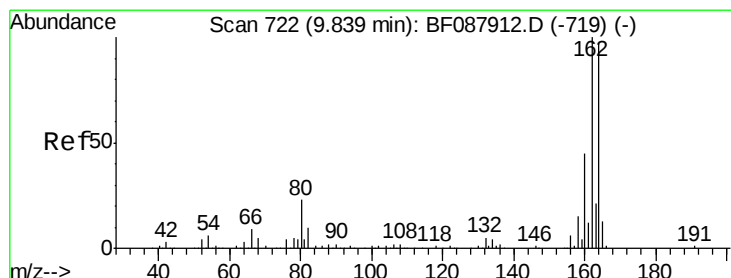
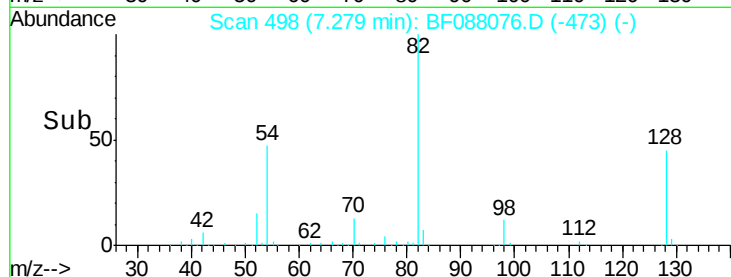
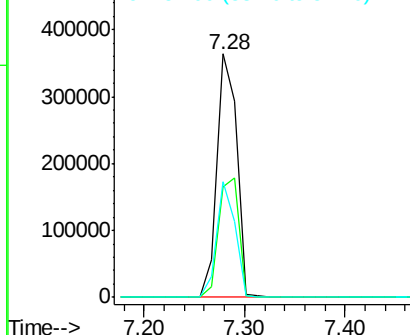
#23
 Nitrobenzene-d5
 Concen: 75.08 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF088076.D
 Acq: 16 Jun 2016 15:25

Instrument :
 BNA_F
 ClientSampleID :
 PB91213TB

Tot Ion: 82 Resp: 495984
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.9 53.9
 54 47.4 40.9 61.3

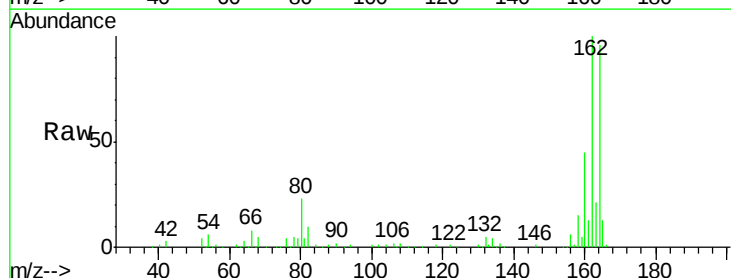


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

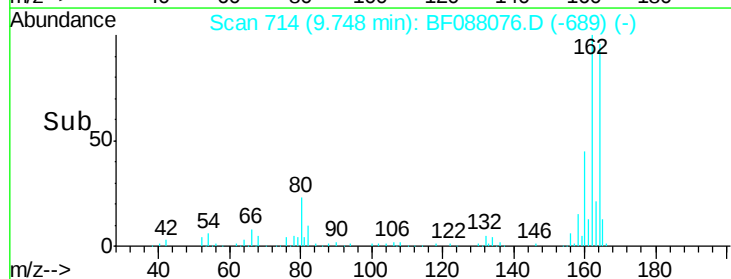
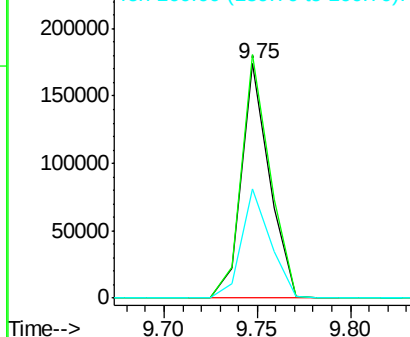


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF088076.D
 Acq: 16 Jun 2016 15:25

Tgt Ion: 164 Resp: 180981
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.4 128.2
 160 46.8 39.5 59.3



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

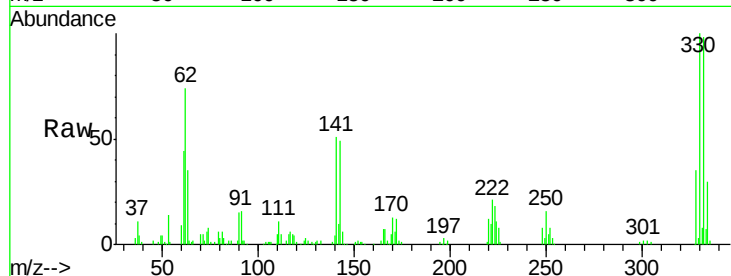




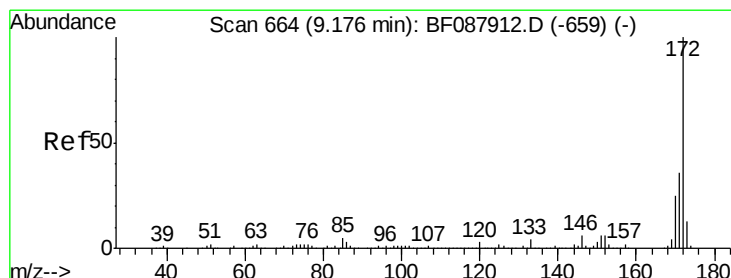
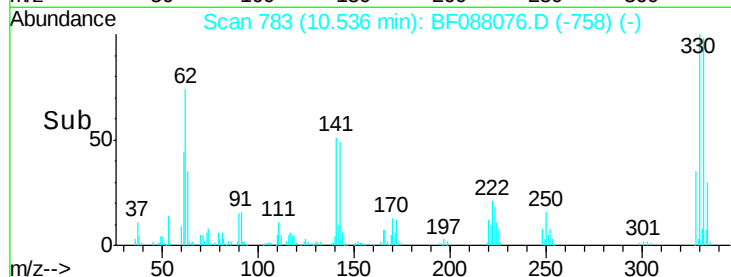
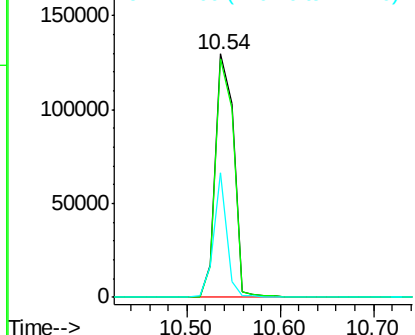
#41
 2,4,6-Tribromophenol
 Concen: 92.71 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF088076.D
 Acq: 16 Jun 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB91213TB

Tot Ion:330 Resp: 177173
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 36.3 0.0 0.0#

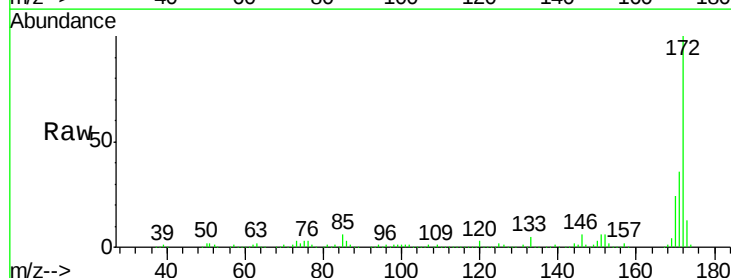


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

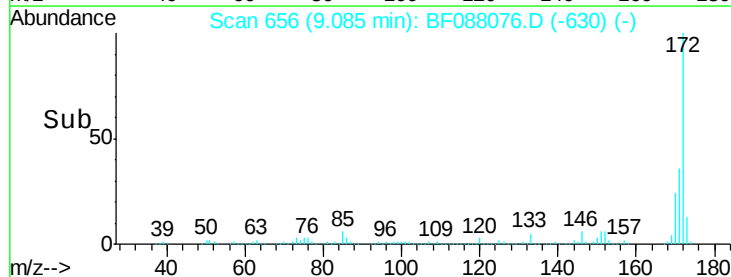
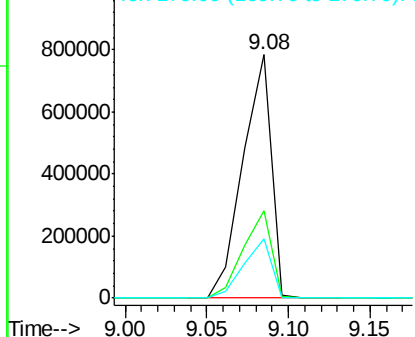


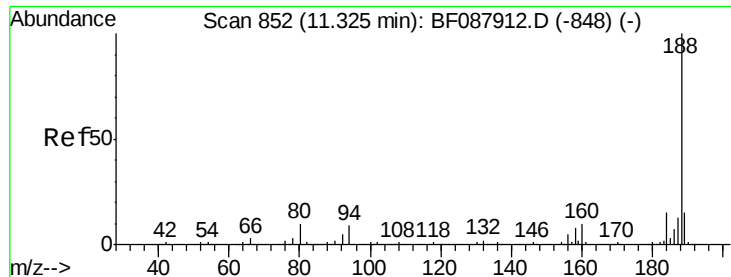
#44
 2-Fluorobiphenyl
 Concen: 81.96 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088076.D
 Acq: 16 Jun 2016 15:25

Tgt Ion:172 Resp: 946490
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.2 19.2 28.8



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

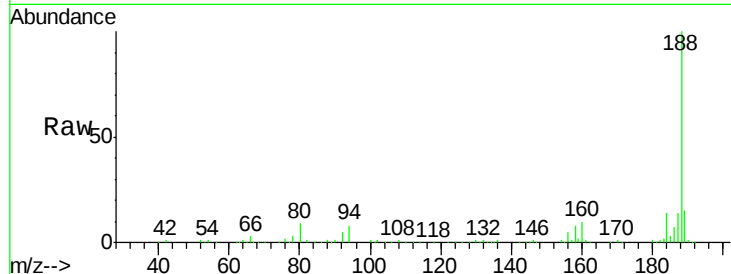




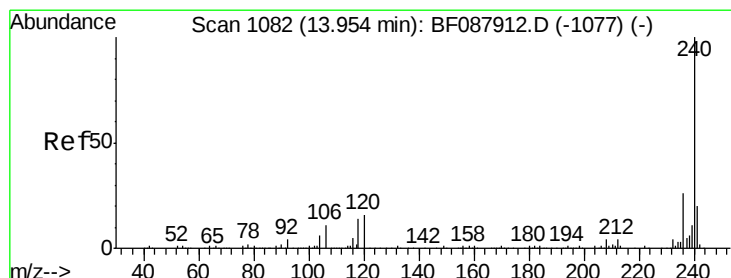
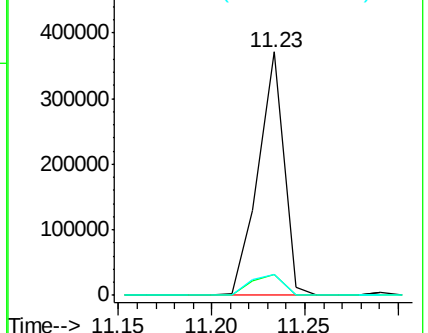
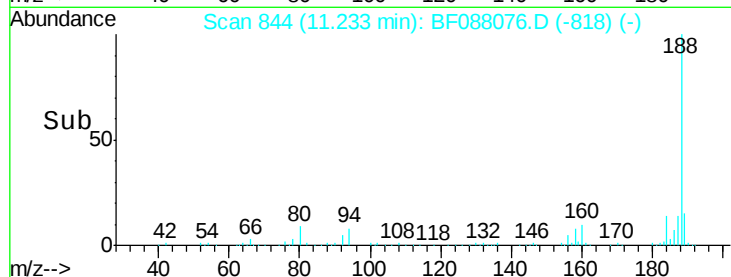
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF088076.D
Acq: 16 Jun 2016 15:25

Instrument :
BNA_F
ClientSampleId :
PB91213TB

Tot Ion:188 Resp: 354965
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.6#
80 8.5 10.0 15.0#

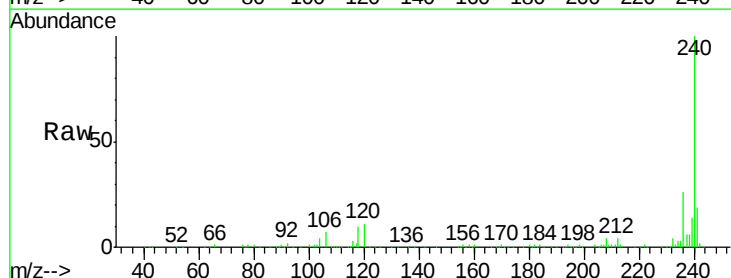


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

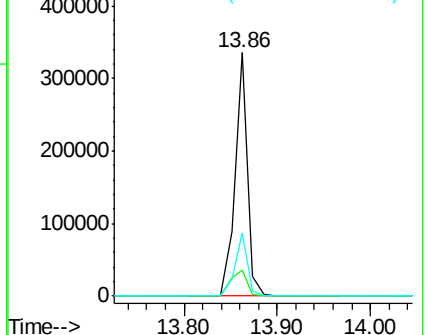
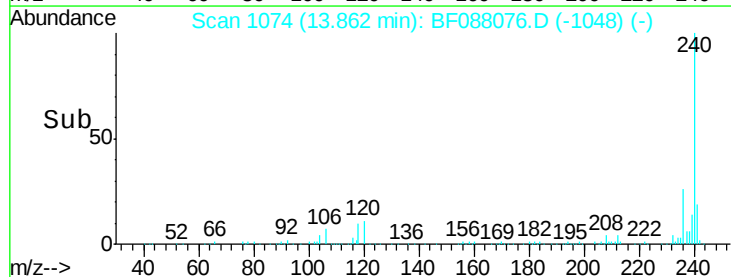


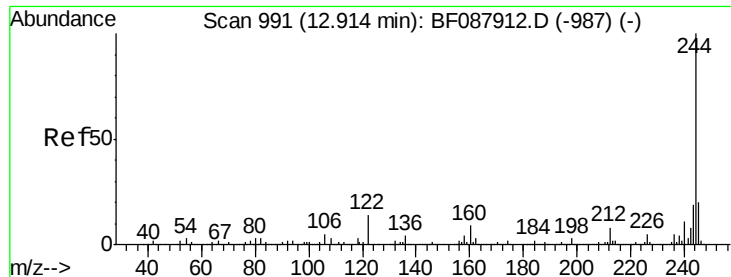
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088076.D
Acq: 16 Jun 2016 15:25

Tgt Ion:240 Resp: 313746
Ion Ratio Lower Upper
240 100
120 10.8 6.8 10.2#
236 26.0 20.2 30.2



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

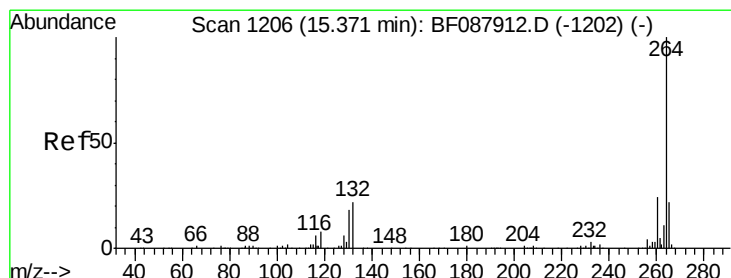
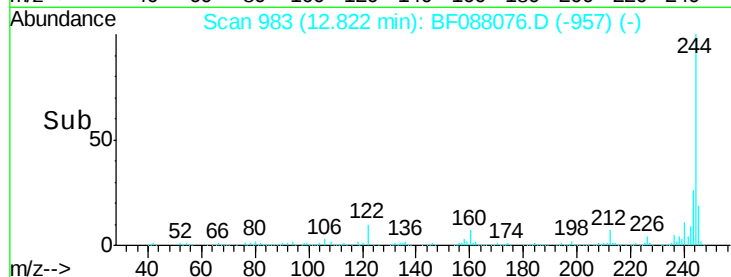
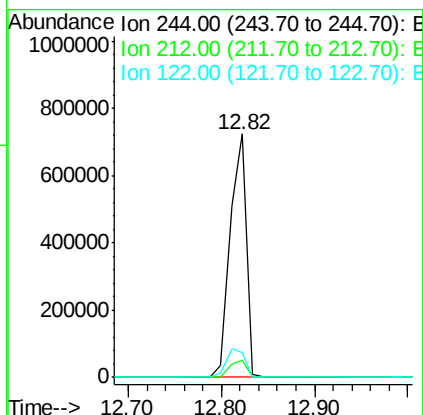
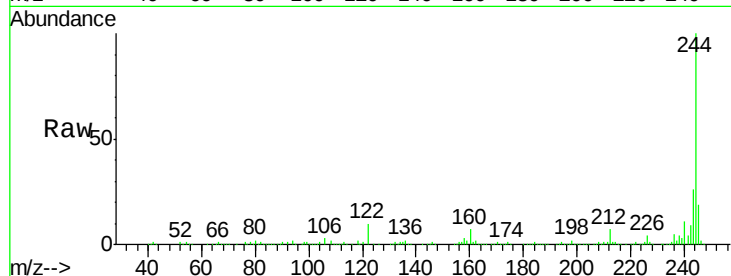




#78
 Terphenyl-d14
 Concen: 64.16 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088076.D
 Acq: 16 Jun 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PB91213TB

Tot Ion:244 Resp: 884666
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.3 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF088076.D
 Acq: 16 Jun 2016 15:25

Tgt Ion:264 Resp: 256999
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.4 16.9 25.3

