

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091149.D
 Acq On : 11 Nov 2016 19:24
 Operator : UM/SJ
 Sample : H5609-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

Quant Time: Nov 12 00:17:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	168893	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	752309	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	404619	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	544540	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	429419	20.00	ng	-0.03
86) Perylene-d12	15.15	264	316895	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	741249	72.48	ng	-0.01
7) Phenol-d6	6.29	99	667895	48.12	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1449831	105.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	563480	154.04	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2156807	91.77	ng	-0.02
78) Terphenyl-d14	12.74	244	1917035	111.40	ng	-0.02

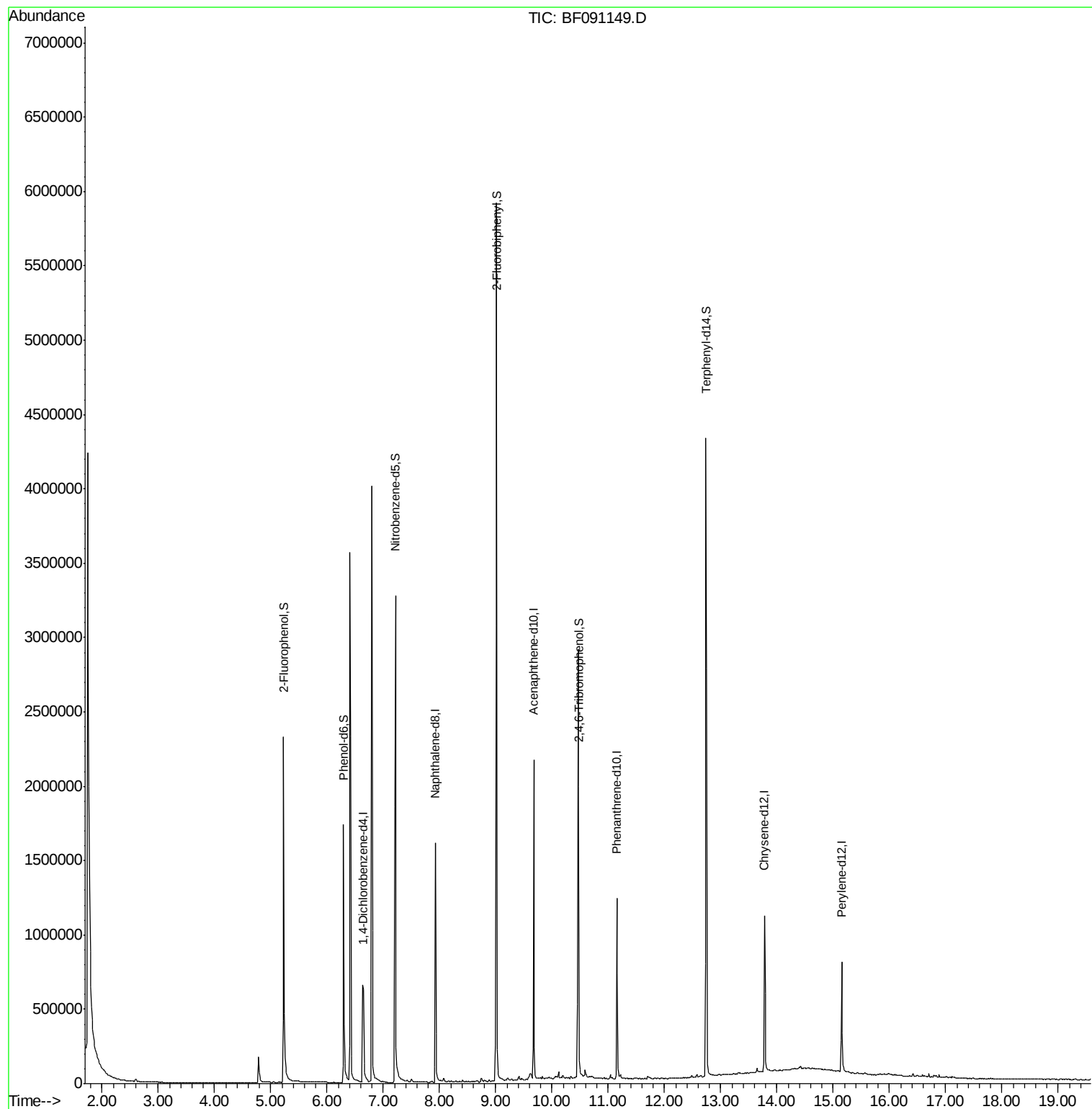
Target Compounds Qvalue

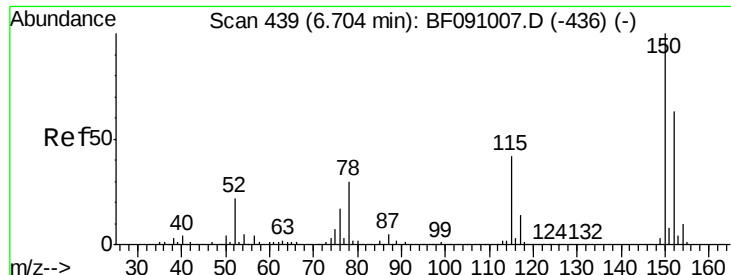
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

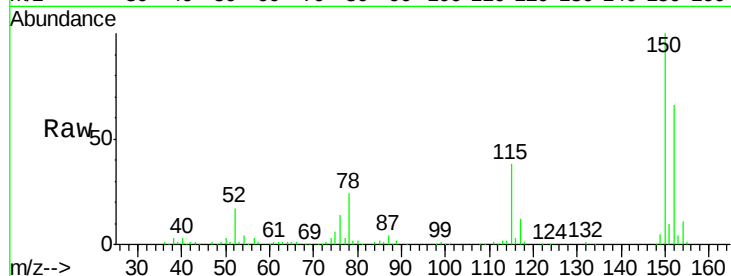
Tot Ion:152 Resp: 168893

Ion Ratio Lower Upper

152 100

150 152.5 126.8 190.2

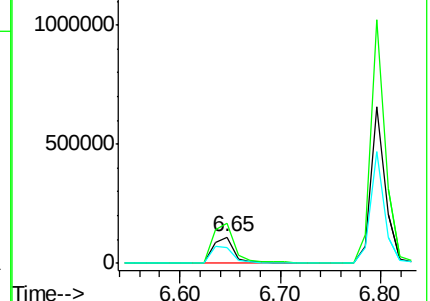
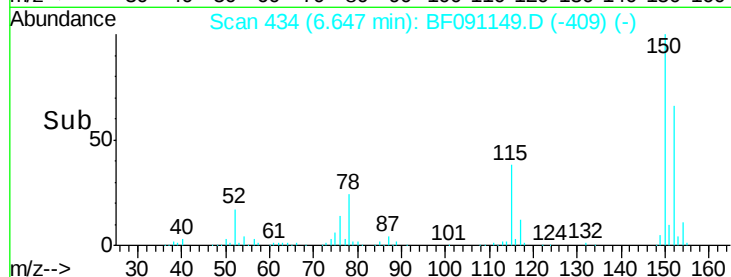
115 57.7 53.3 79.9



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: 72.48 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

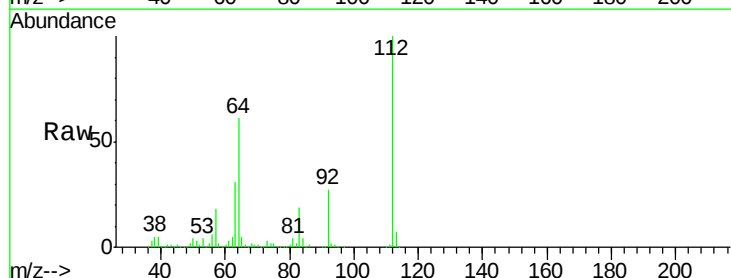
Tgt Ion:112 Resp: 741249

Ion Ratio Lower Upper

112 100

64 61.4 55.8 83.6

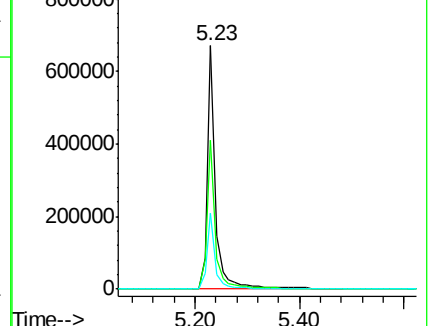
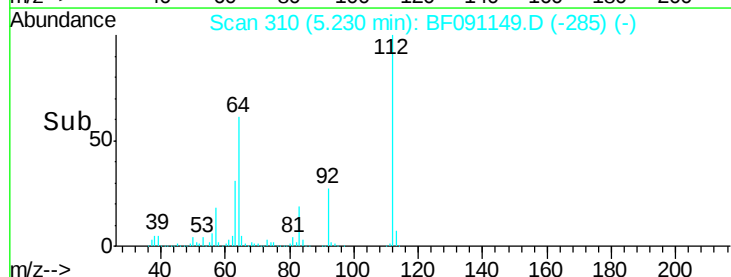
63 31.2 28.0 42.0



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: 48.12 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

Instrument :

BNA_F

ClientSampleId :

DUPLICATE

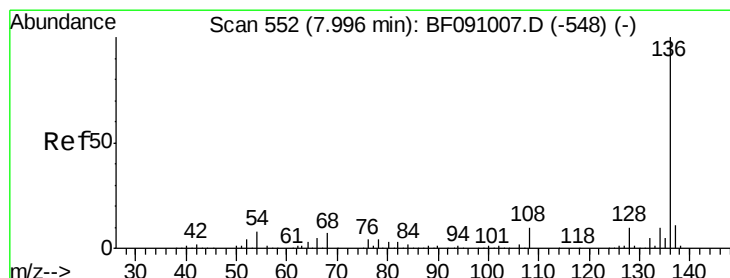
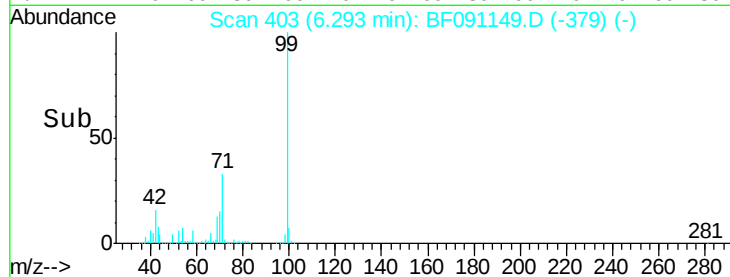
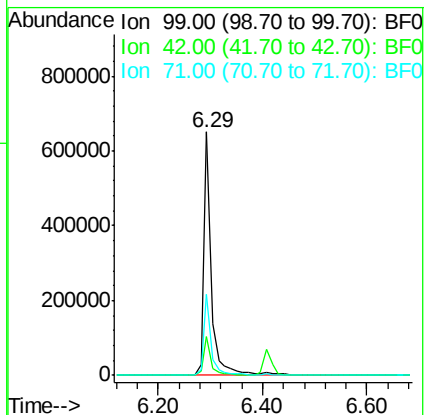
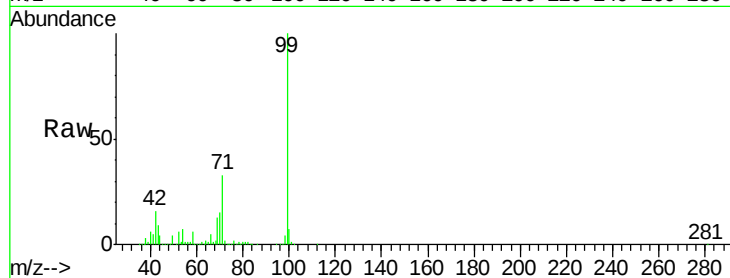
Tot Ion: 99 Resp: 667895

Ion Ratio Lower Upper

99 100

42 16.0 13.9 20.9

71 33.5 27.8 41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091149.D

Acq: 11 Nov 2016 19:24

Tgt Ion: 136 Resp: 752309

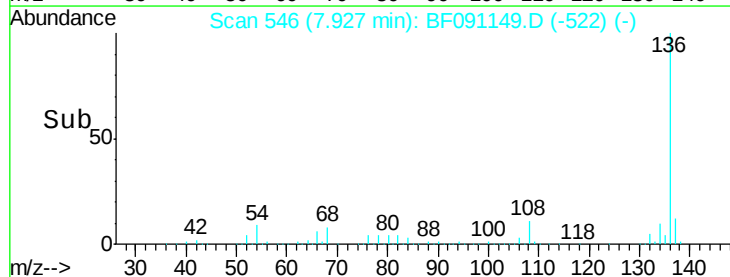
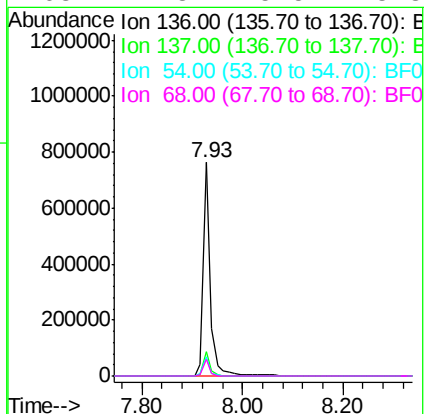
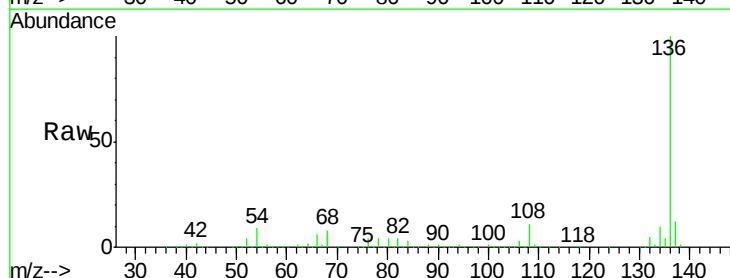
Ion Ratio Lower Upper

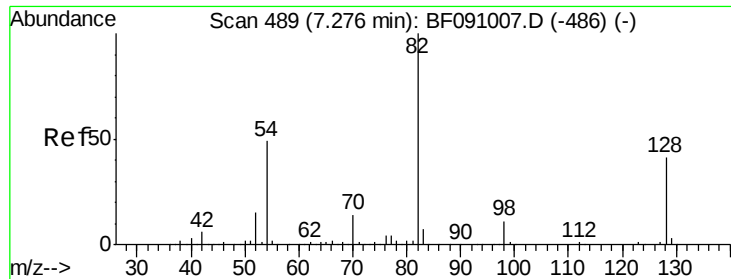
136 100

137 11.5 8.9 13.3

54 9.0 6.2 9.2

68 7.8 5.5 8.3

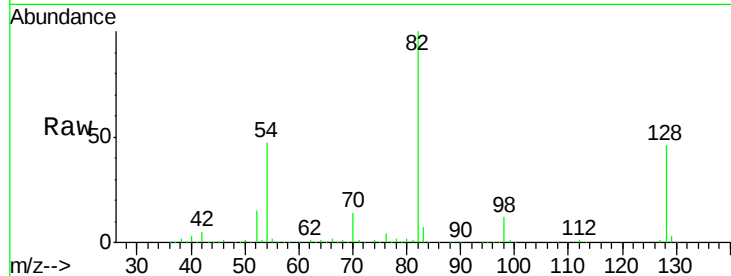




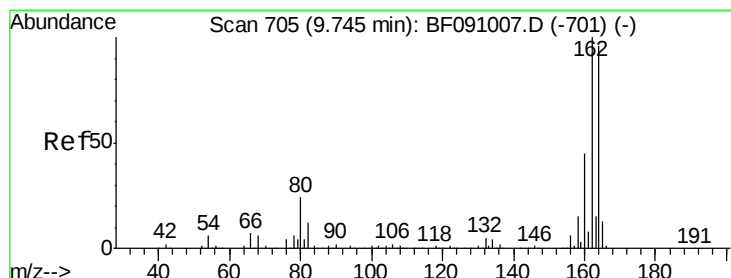
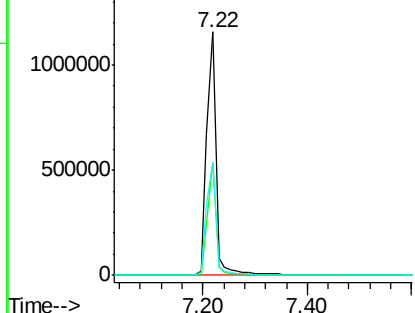
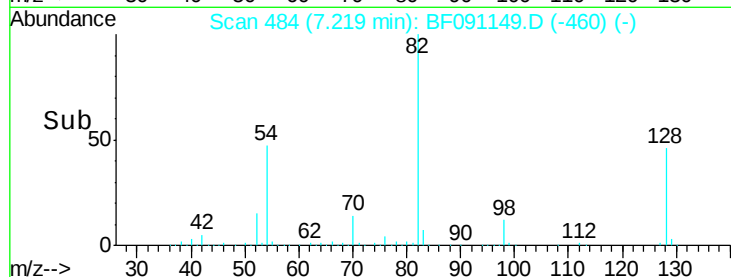
#23
 Nitrobenzene-d5
 Concen: 105.13 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091149.D
 Acq: 11 Nov 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

Tot Ion: 82 Resp: 1449831
 Ion Ratio Lower Upper
 82 100
 128 46.5 32.4 48.6
 54 46.7 39.2 58.8

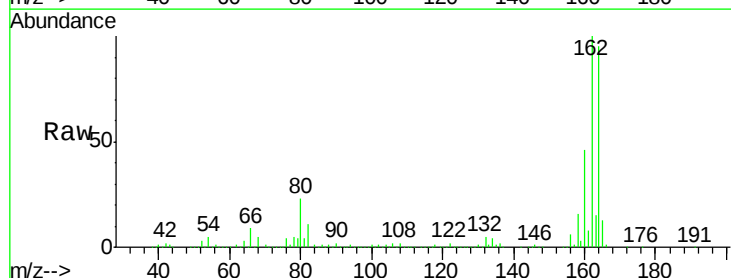


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

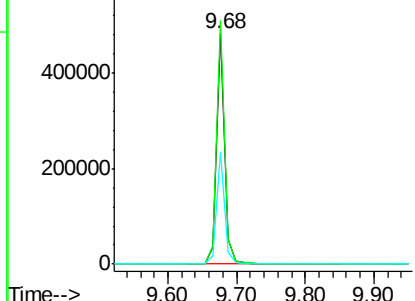
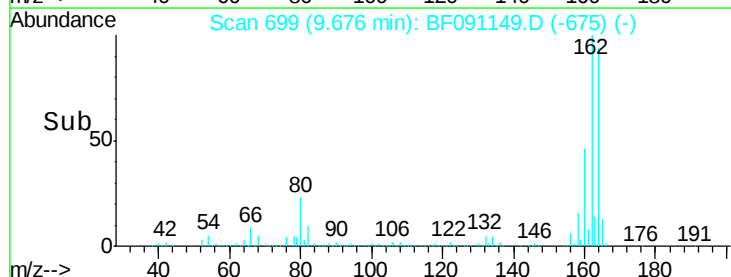


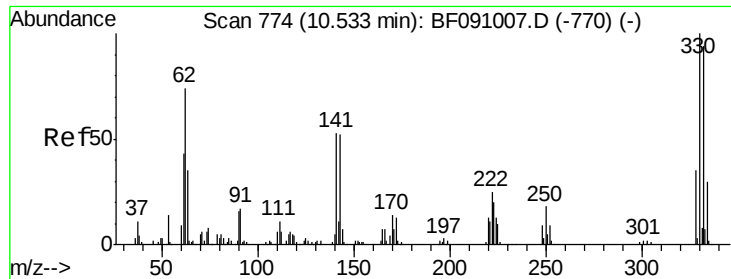
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF091149.D
 Acq: 11 Nov 2016 19:24

Tgt Ion:164 Resp: 404619
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.6 125.4
 160 48.7 37.9 56.9



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

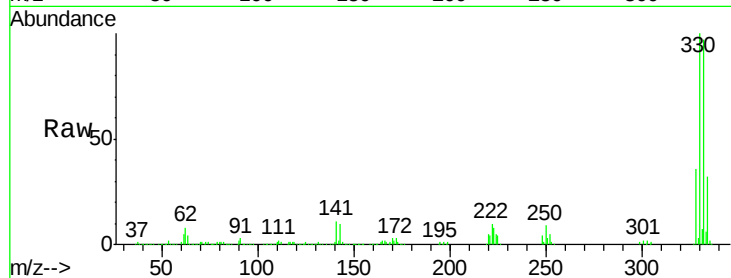




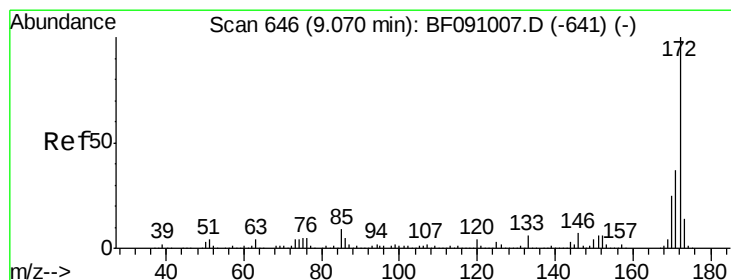
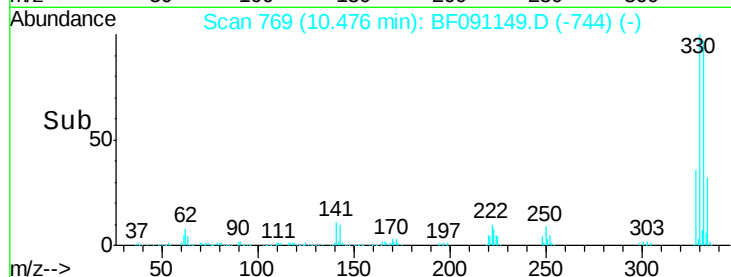
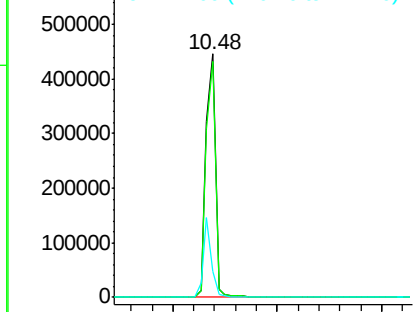
#41
 2,4,6-Tribromophenol
 Concen: 154.04 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091149.D
 Acq: 11 Nov 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 DUPLICATE

Tot Ion:330 Resp: 563480
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.9 113.9
 141 29.0 36.1 54.1#

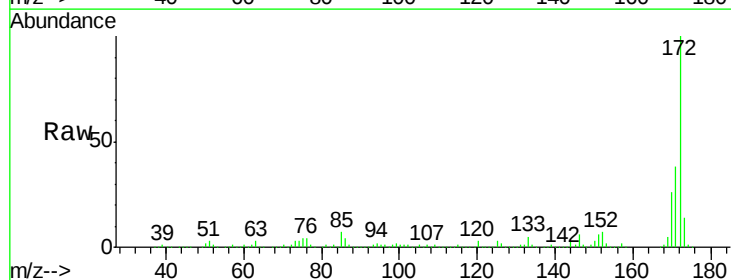


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

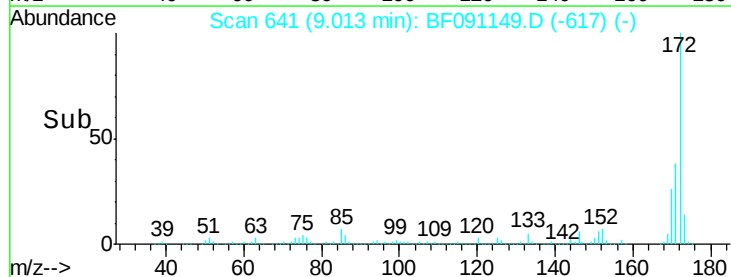
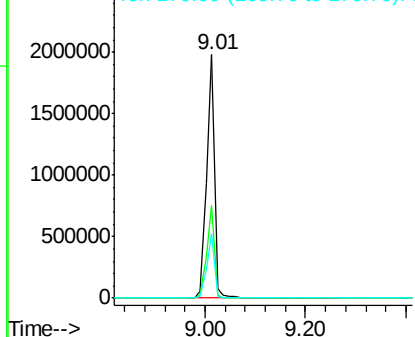


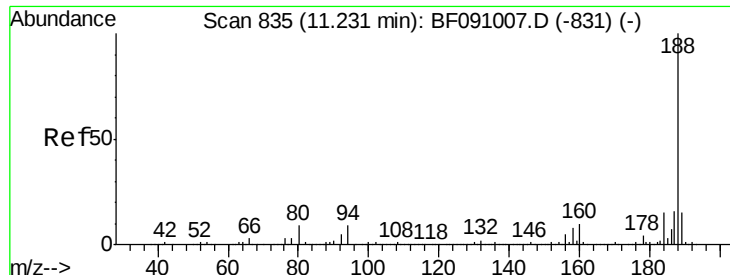
#44
 2-Fluorobiphenyl
 Concen: 91.77 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091149.D
 Acq: 11 Nov 2016 19:24

Tgt Ion:172 Resp: 2156807
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.8 44.6
 170 26.2 20.3 30.5



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

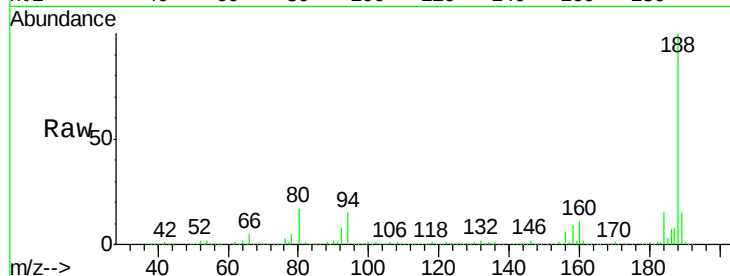




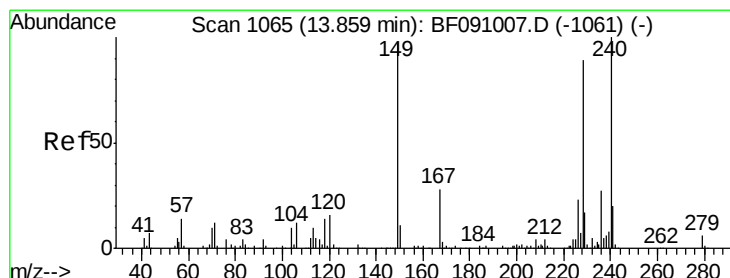
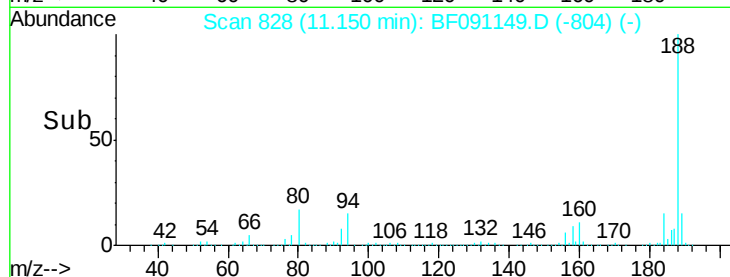
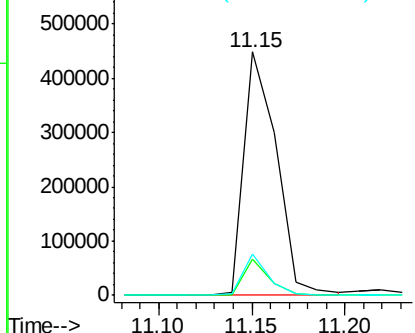
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091149.D
Acq: 11 Nov 2016 19:24

Instrument :
BNA_F
ClientSampleId :
DUPLICATE

Tot Ion:188 Resp: 544540
Ion Ratio Lower Upper
188 100
94 14.8 7.0 10.4#
80 16.9 7.5 11.3#

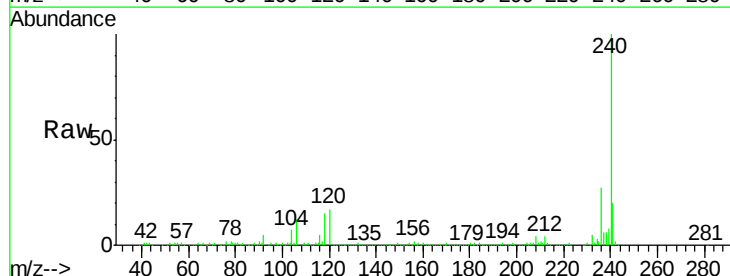


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

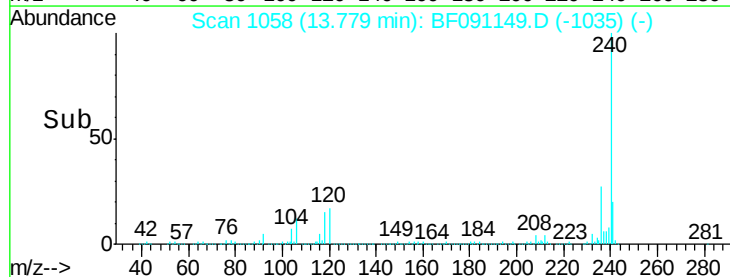
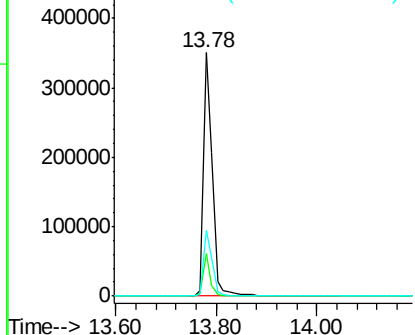


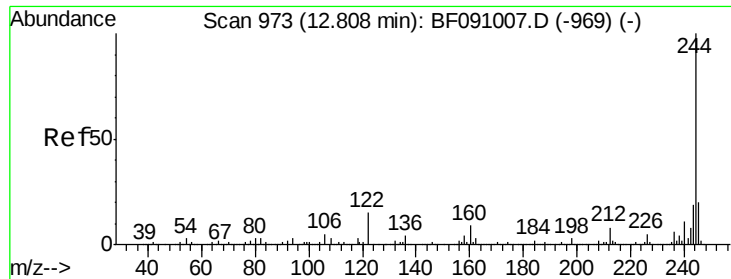
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091149.D
Acq: 11 Nov 2016 19:24

Tgt Ion:240 Resp: 429419
Ion Ratio Lower Upper
240 100
120 17.4 12.9 19.3
236 27.2 21.9 32.9



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

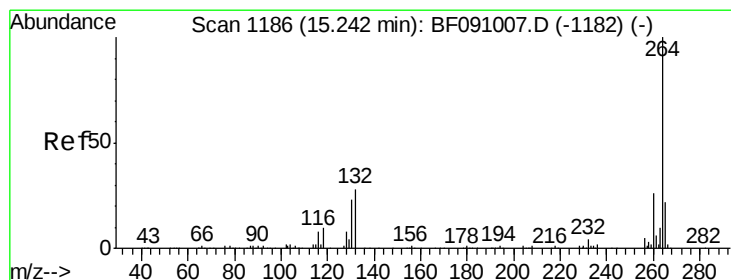
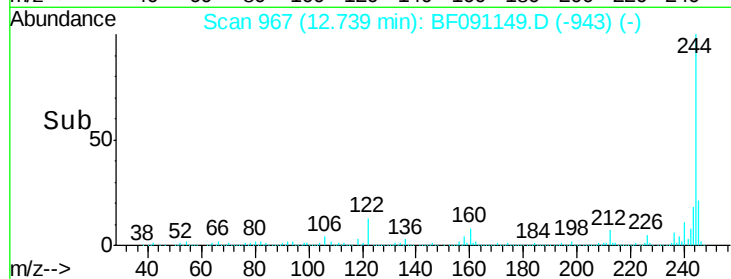
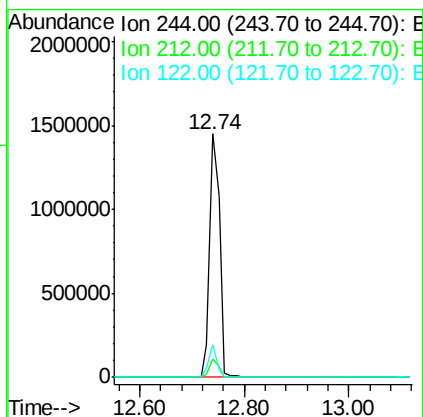
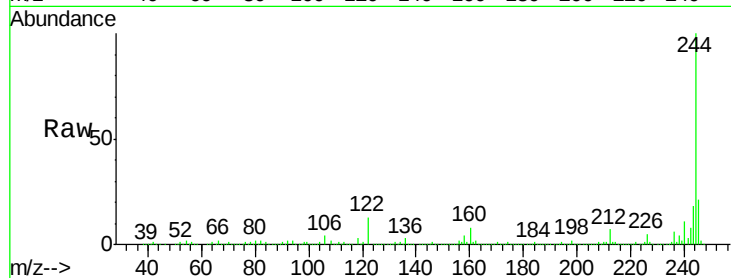




#78
 Terphenyl-d14
 Concen: 111.40 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091149.D
 Acq: 11 Nov 2016 19:24

Instrument :
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Tot Ion:244 Resp: 1917035
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 13.3 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091149.D
 Acq: 11 Nov 2016 19:24

Tgt Ion:264 Resp: 316895
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.6 30.8
 265 21.6 17.8 26.8

