

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089148.D
 Acq On : 20 Jul 2016 23:23
 Operator : UM/SJ
 Sample : PB92306BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92306BL

Quant Time: Jul 21 03:14:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53192	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	230583	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	105405	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	215094	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	167109	20.00	ng	-0.01
86) Perylene-d12	15.06	264	131189	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	438787	125.46	ng	0.01
7) Phenol-d6	6.26	99	571862	126.79	ng	-0.01
23) Nitrobenzene-d5	7.16	82	350452	80.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	133058	140.21	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	625712	81.79	ng	-0.01
78) Terphenyl-d14	12.69	244	562783	73.05	ng	0.00

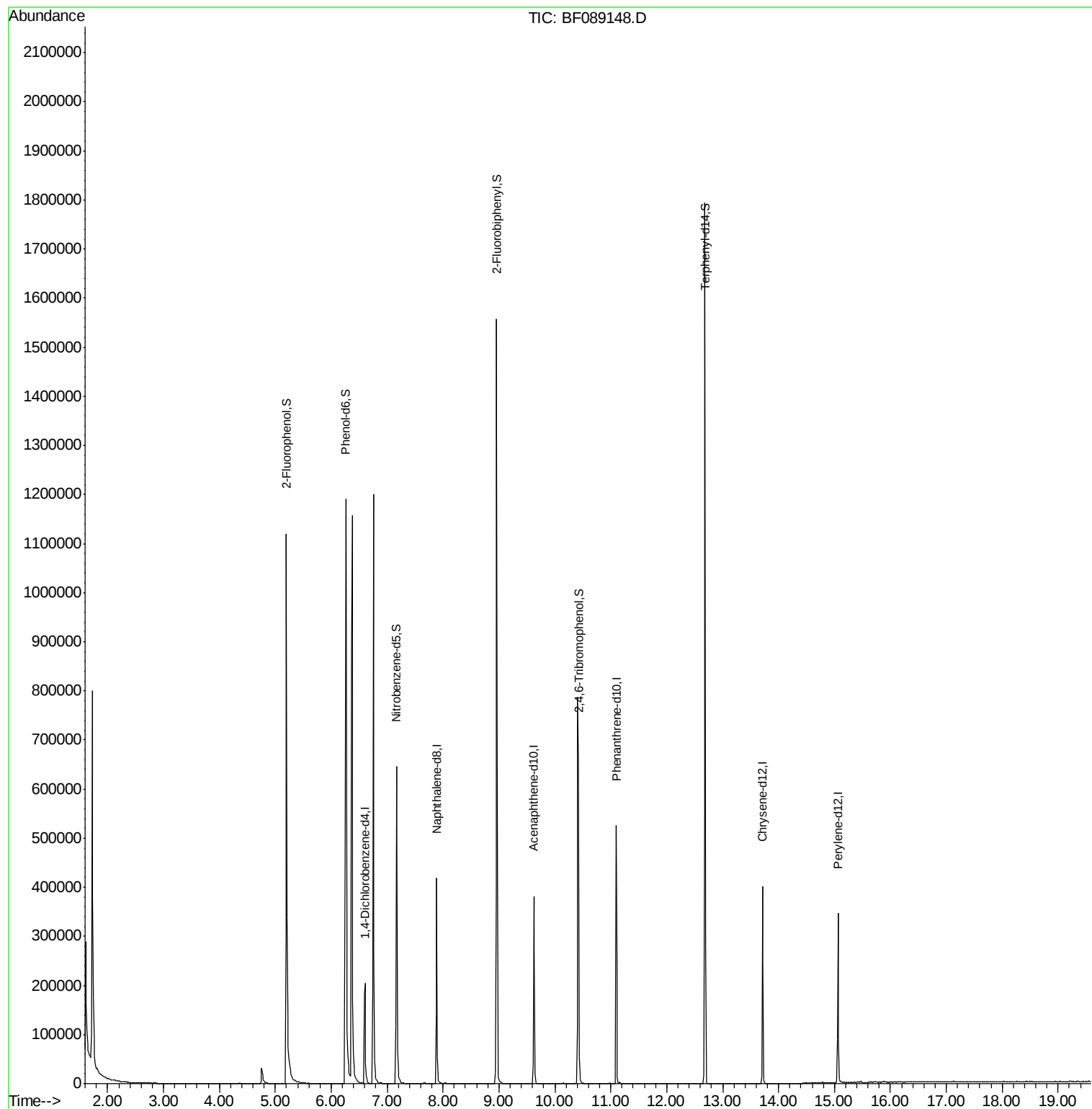
Target Compounds	Qvalue
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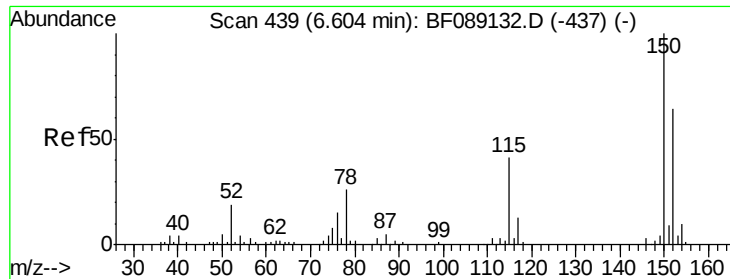
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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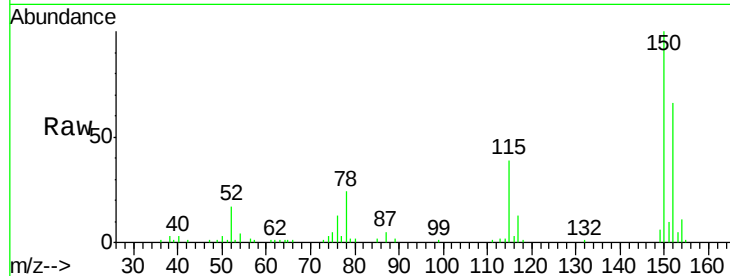




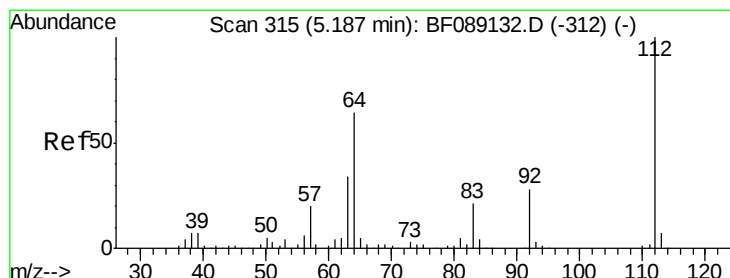
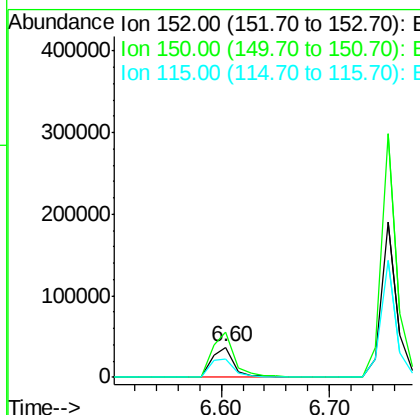
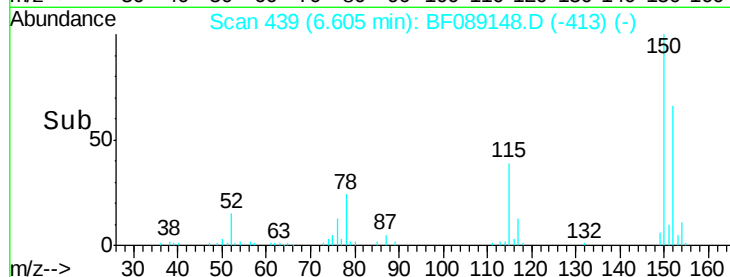
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF089148.D
 Acq: 20 Jul 2016 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92306BL

Tgt Ion:152 Resp: 53192
 Ion Ratio Lower Upper
 152 100
 150 151.1 125.1 187.7
 115 59.5 51.1 76.7

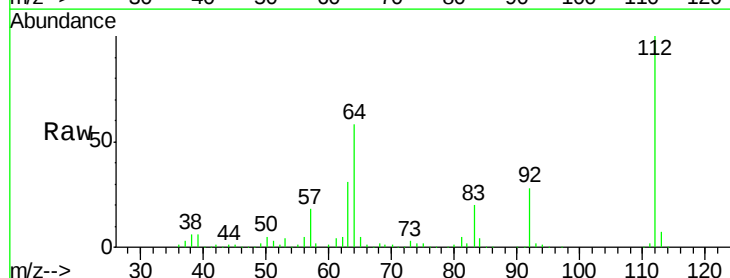


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

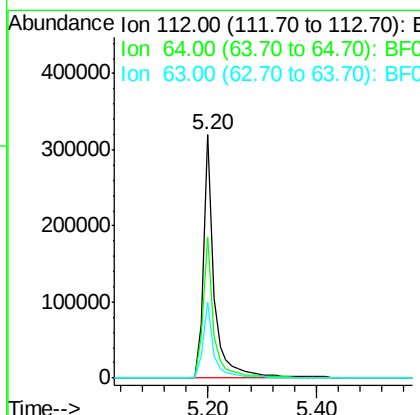
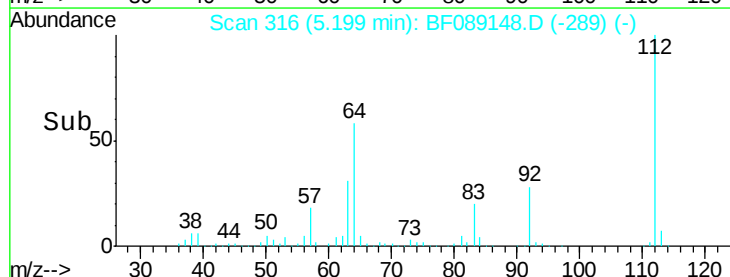


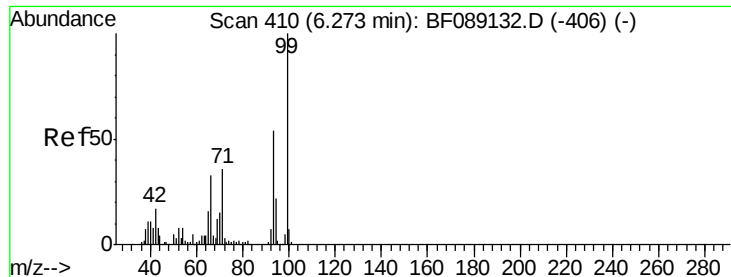
#5
 2-Fluorophenol
 Concen: 125.46 ng
 RT: 5.20 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: BF089148.D
 Acq: 20 Jul 2016 23:23

Tgt Ion:112 Resp: 438787
 Ion Ratio Lower Upper
 112 100
 64 57.9 51.0 76.4
 63 31.0 27.3 40.9



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: 126.79 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089148.D

Acq: 20 Jul 2016 23:23

Instrument :

BNA_F

ClientSampleId :

PB92306BL

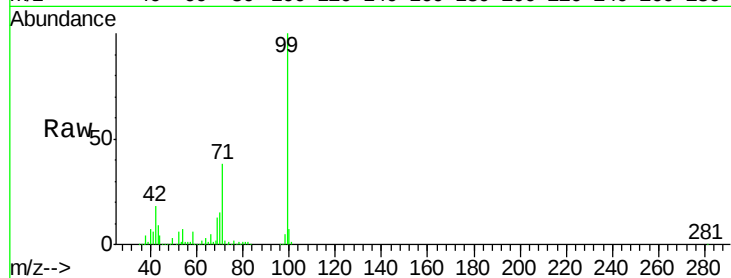
Tgt Ion: 99 Resp: 571862

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

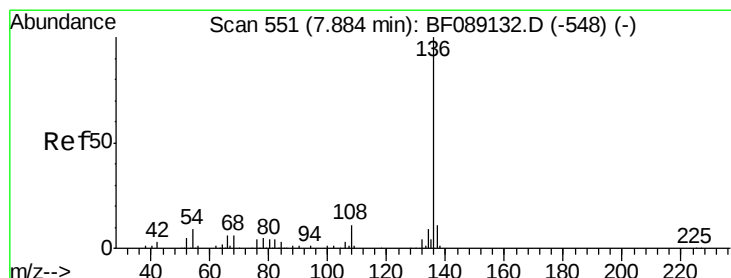
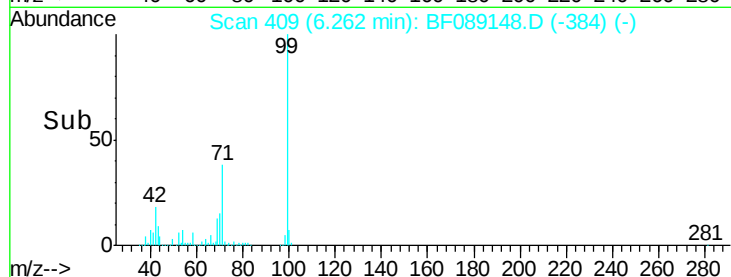
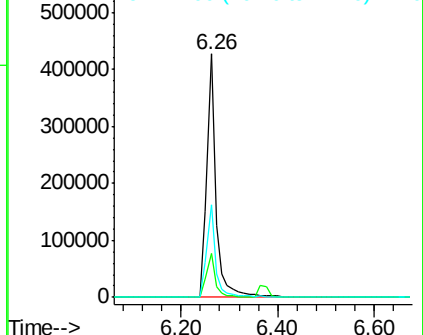
71 38.2 28.9 43.3



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: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089148.D

Acq: 20 Jul 2016 23:23

Tgt Ion: 136 Resp: 230583

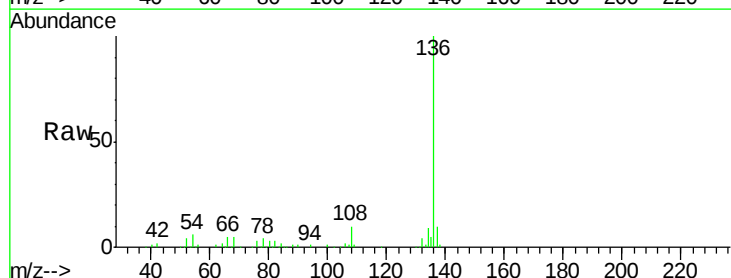
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.3 7.0 10.4#

68 4.9 5.0 7.6#

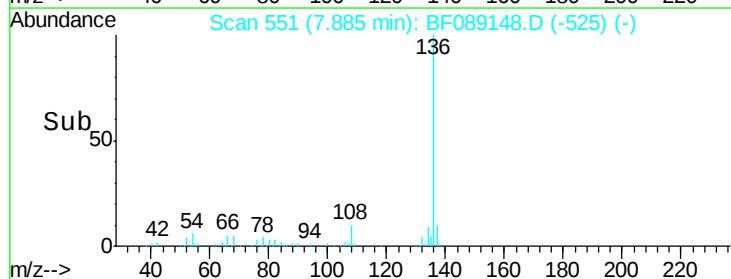
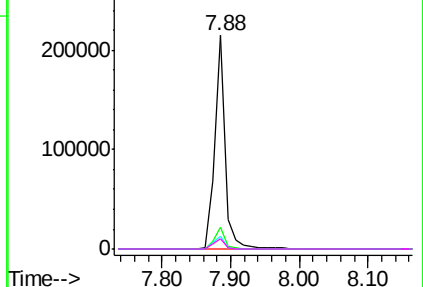


Abundance Ion 136.00 (135.70 to 136.70): E

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

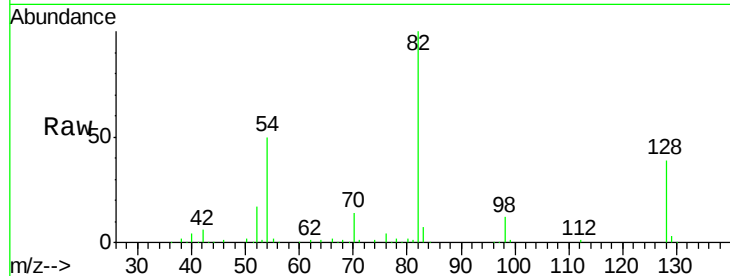




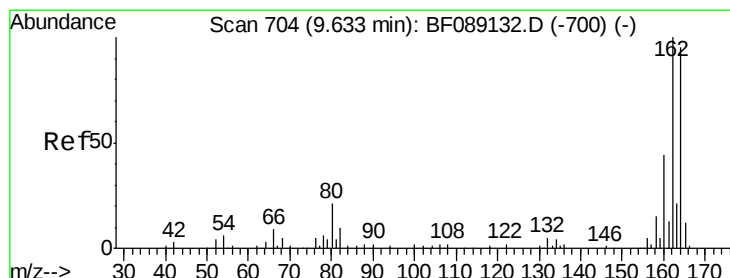
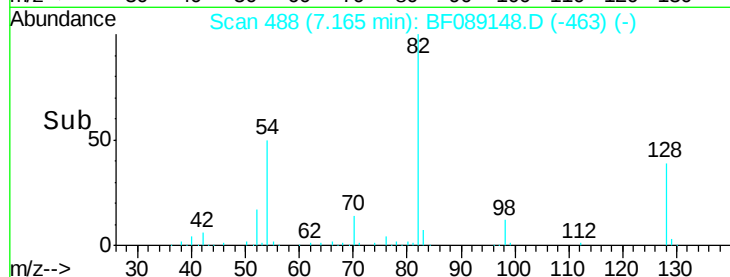
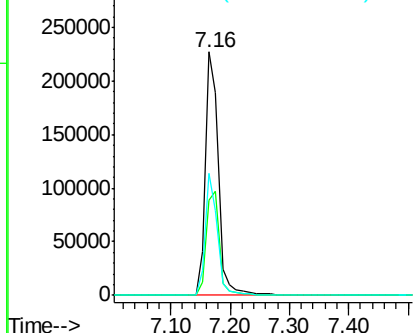
#23
 Nitrobenzene-d5
 Concen: 80.76 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089148.D
 Acq: 20 Jul 2016 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92306BL

Tgt Ion: 82 Resp: 350452
 Ion Ratio Lower Upper
 82 100
 128 39.2 33.0 49.6
 54 50.4 39.0 58.4

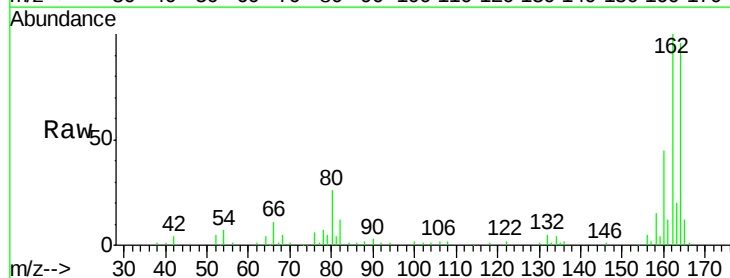


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

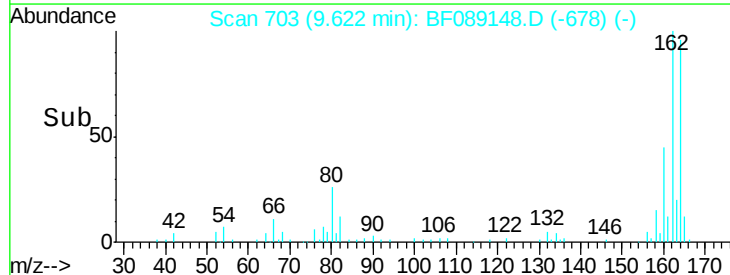
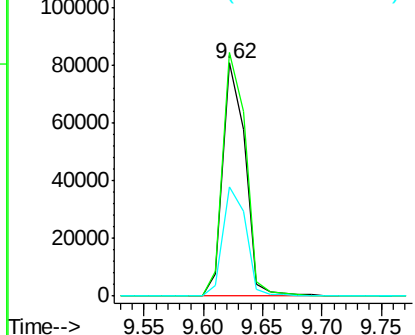


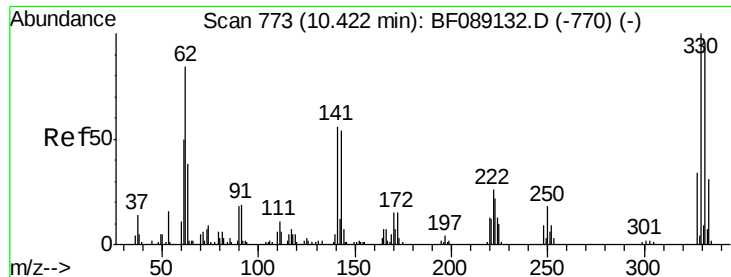
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089148.D
 Acq: 20 Jul 2016 23:23

Tgt Ion: 164 Resp: 105405
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.1 126.1
 160 47.1 37.1 55.7



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

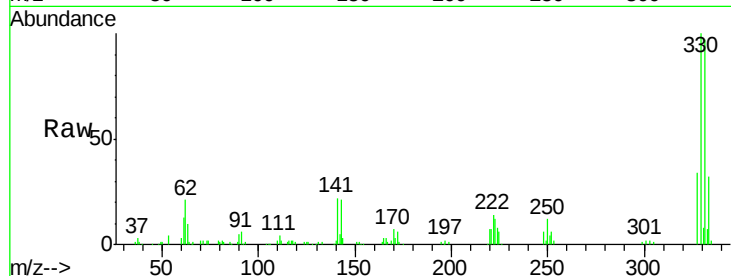




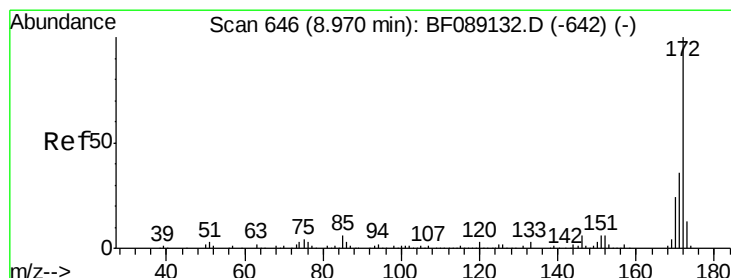
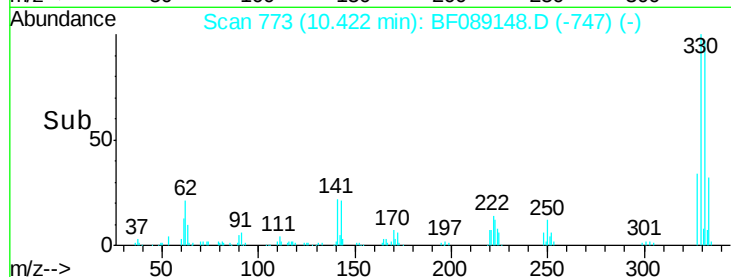
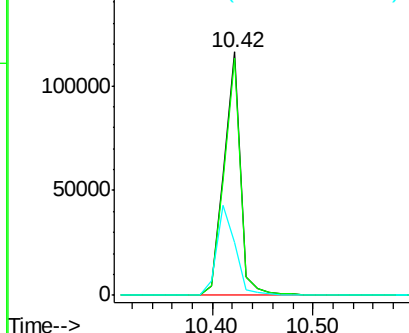
#41
 2,4,6-Tribromophenol
 Concen: 140.21 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089148.D
 Acq: 20 Jul 2016 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92306BL

Tgt Ion:330 Resp: 133058
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 41.5 42.2 63.2#

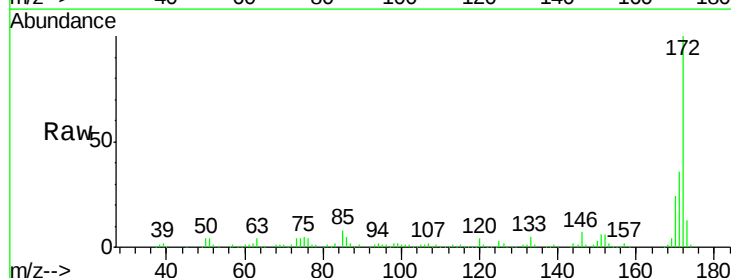


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

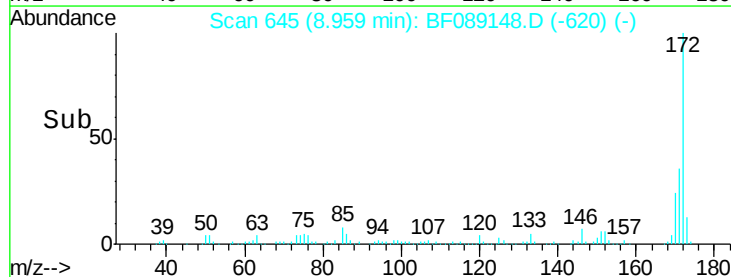
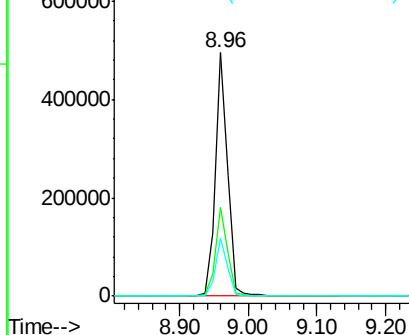


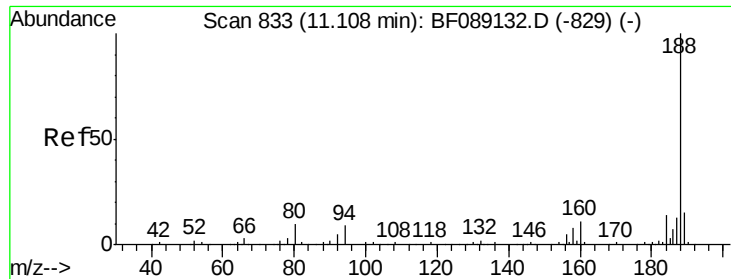
#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089148.D
 Acq: 20 Jul 2016 23:23

Tgt Ion:172 Resp: 625712
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.7 19.1 28.7



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

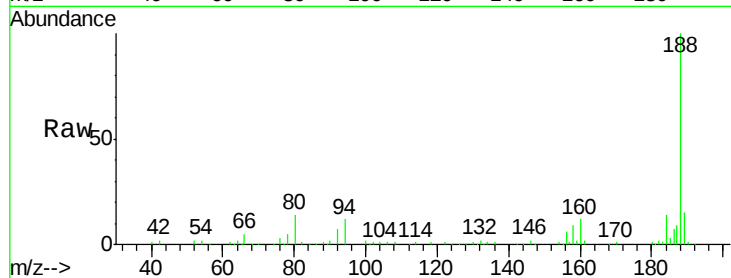




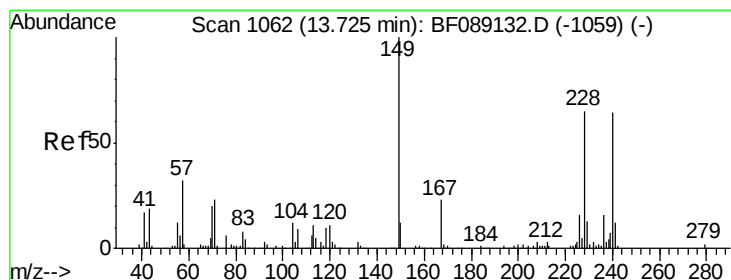
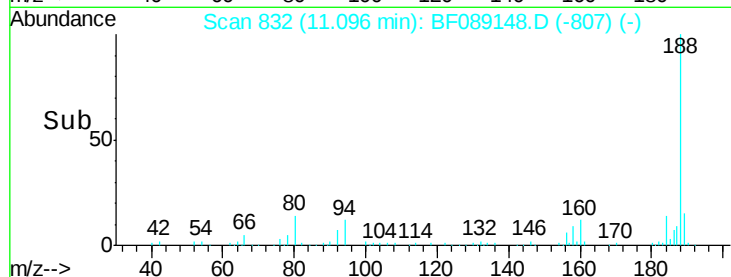
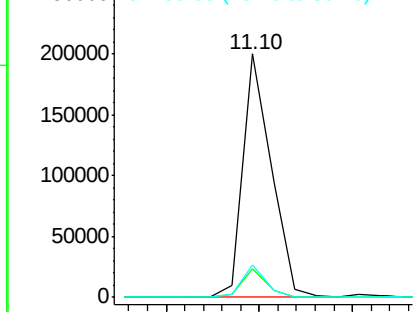
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Instrument :
BNA_F
ClientSampleId :
PB92306BL

Tgt Ion:188 Resp: 215094
Ion Ratio Lower Upper
188 100
94 11.9 7.0 10.4#
80 13.6 7.7 11.5#

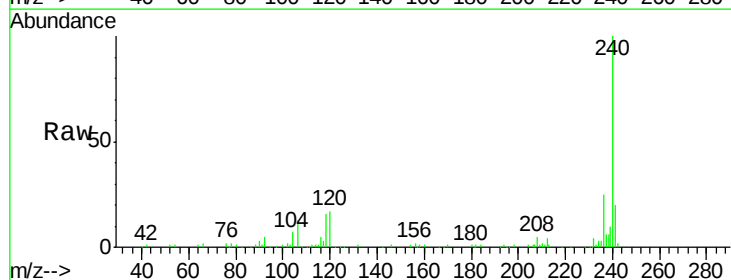


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

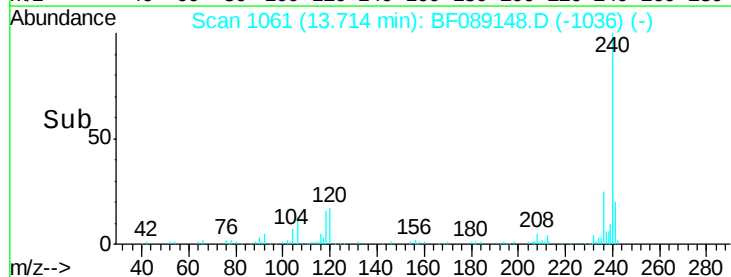
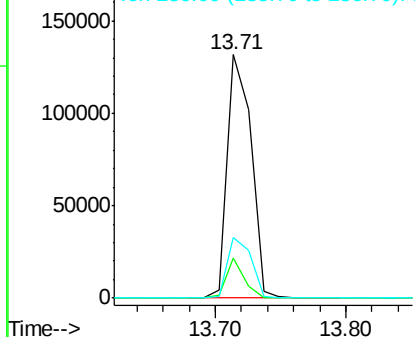


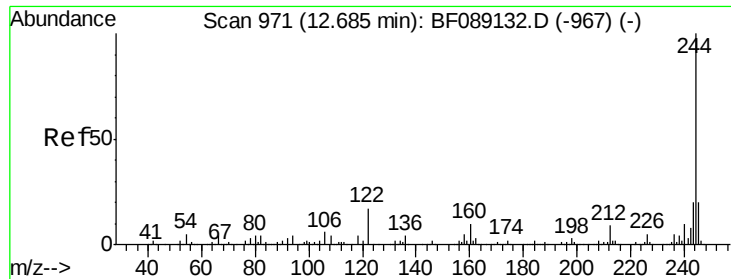
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089148.D
Acq: 20 Jul 2016 23:23

Tgt Ion:240 Resp: 167109
Ion Ratio Lower Upper
240 100
120 16.7 13.6 20.4
236 25.0 20.5 30.7



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

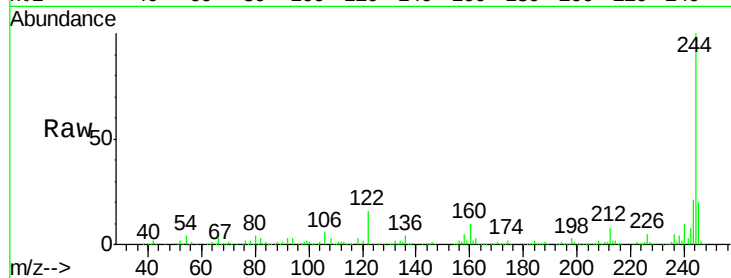




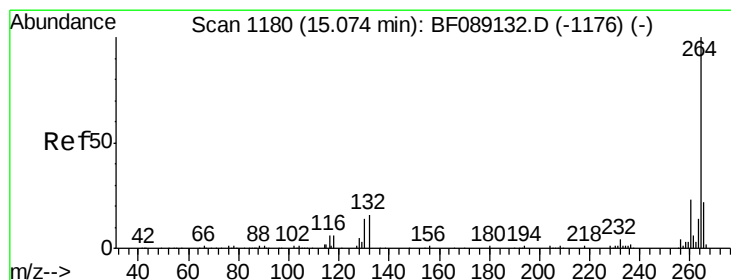
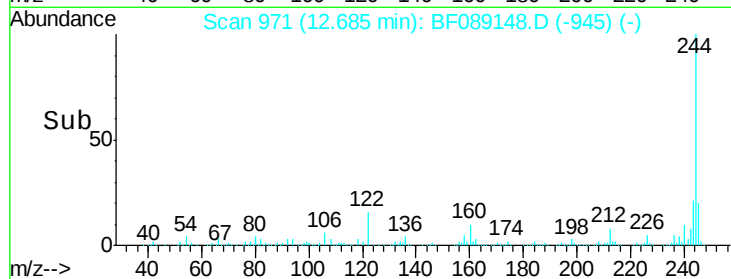
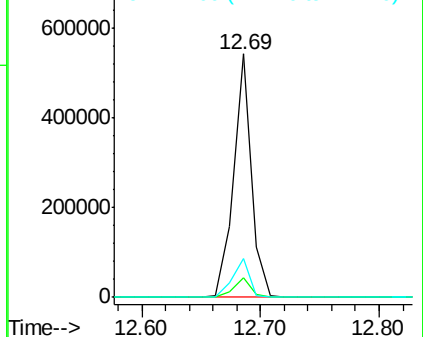
#78
 Terphenyl-d14
 Concen: 73.05 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089148.D
 Acq: 20 Jul 2016 23:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92306BL

Tgt Ion:244 Resp: 562783
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.0 10.4
 122 15.8 13.8 20.8

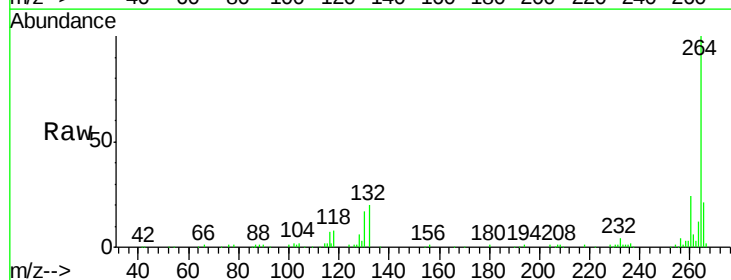


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF089148.D
 Acq: 20 Jul 2016 23:23

Tgt Ion:264 Resp: 131189
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.5 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

