

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
 Data File : BF090051.D
 Acq On : 9 Sep 2016 17:29
 Operator : UM/SJ
 Sample : H4736-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090816-DRDC-E-U-M

Quant Time: Sep 09 18:39:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

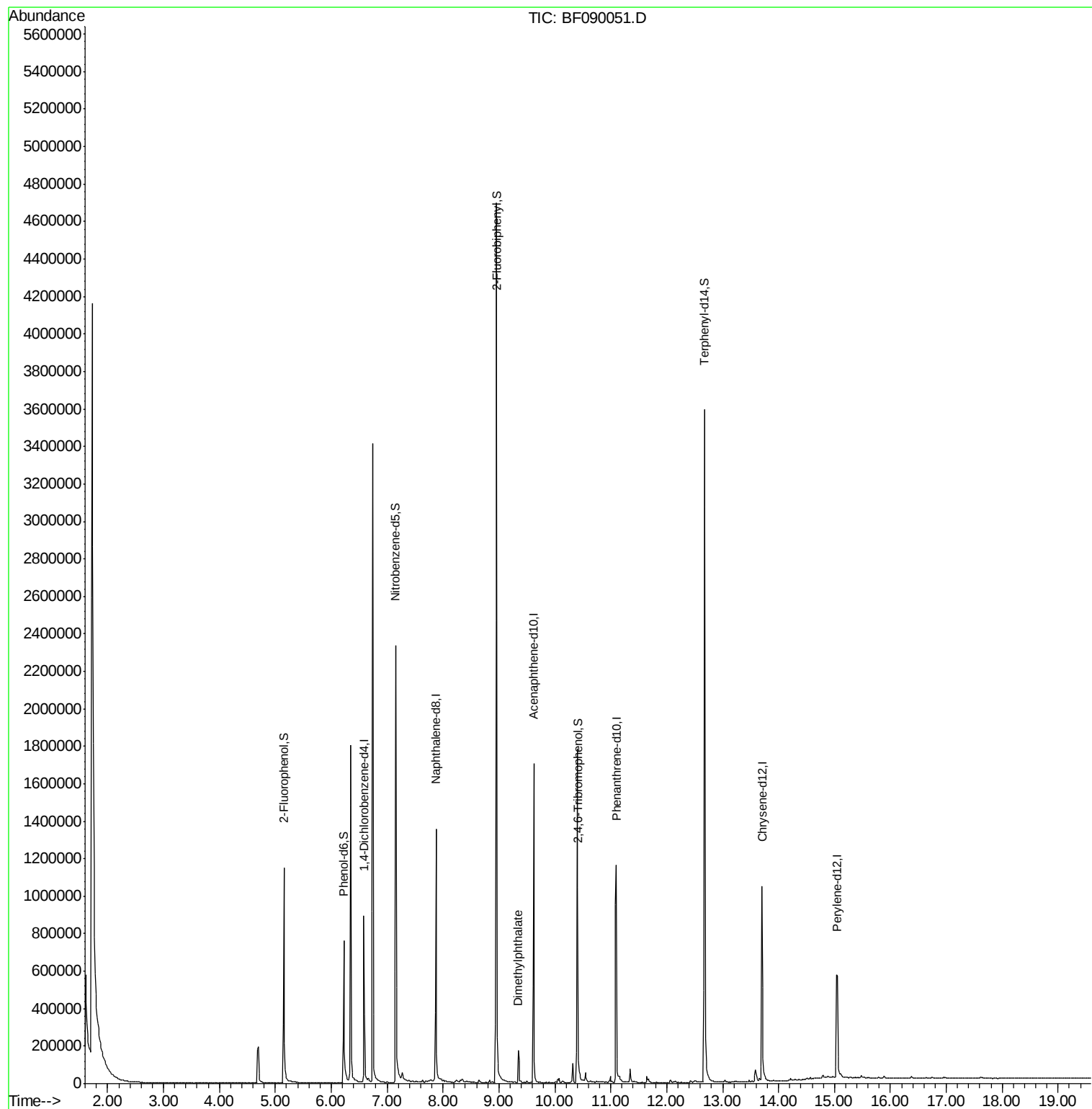
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	170628	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	725191	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	384186	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	732659	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	481055	20.00	ng	-0.02
86) Perylene-d12	15.05	264	364826	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	409028	38.37	ng	-0.01
7) Phenol-d6	6.23	99	359529	27.76	ng	-0.02
23) Nitrobenzene-d5	7.15	82	906893	72.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	305279	80.54	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	1958771	83.69	ng	-0.01
78) Terphenyl-d14	12.67	244	1876248	96.35	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.35	163	101889	3.67	ng	Qvalue 100

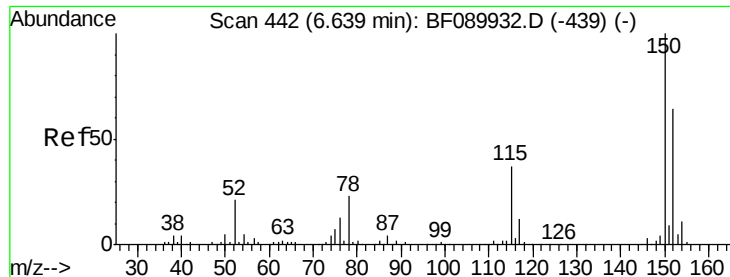
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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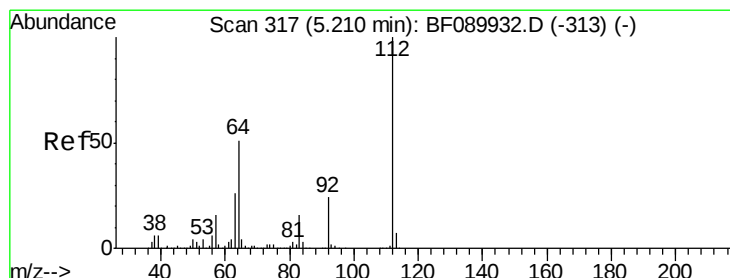
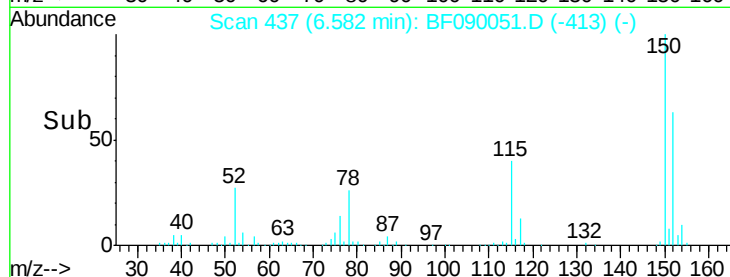
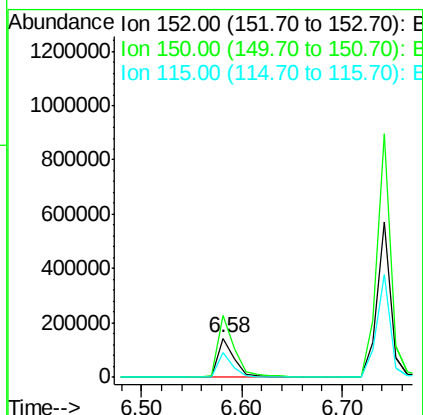
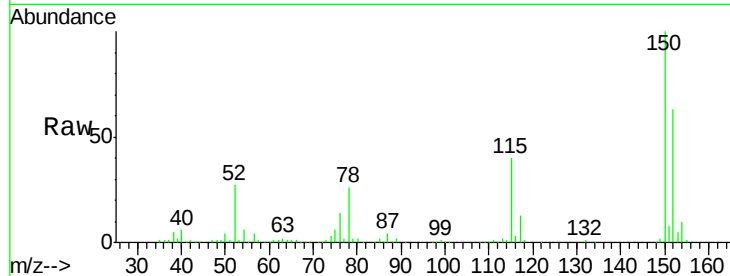




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF090051.D
 Acq: 9 Sep 2016 17:29

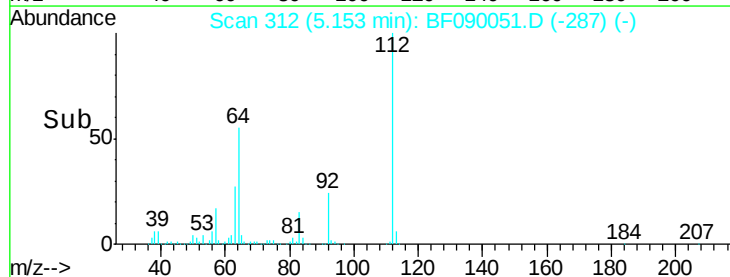
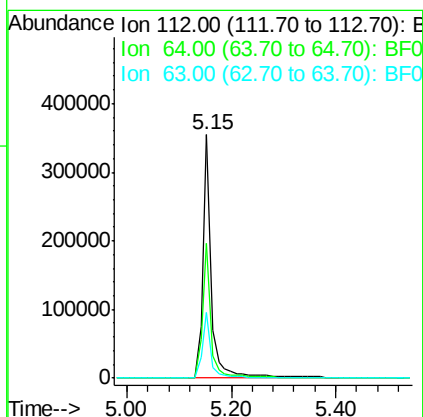
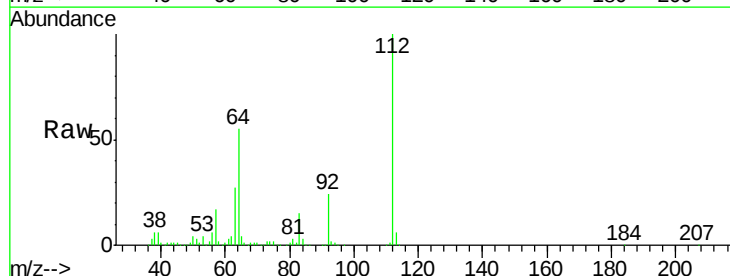
Instrument :
 BNA_F
 ClientSampleId :
 090816-DRDC-E-U-M

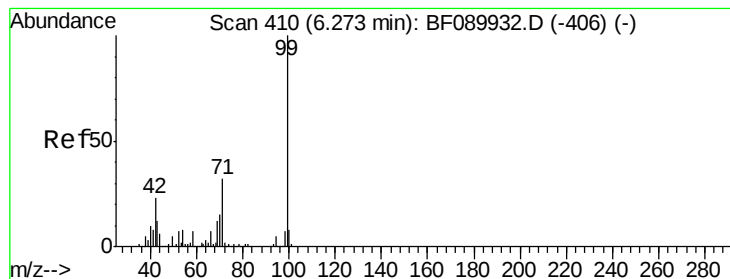
Tgt Ion:152 Resp: 170628
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.4 191.2
 115 63.4 46.3 69.5



#5
 2-Fluorophenol
 Concen: 38.37 ng
 RT: 5.15 min Scan# 312
 Delta R.T. -0.01 min
 Lab File: BF090051.D
 Acq: 9 Sep 2016 17:29

Tgt Ion:112 Resp: 409028
 Ion Ratio Lower Upper
 112 100
 64 55.4 41.1 61.7
 63 27.1 21.2 31.8





#7

Phenol-d6

Concen: 27.76 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090051.D

Acq: 9 Sep 2016 17:29

Instrument :

BNA_F

ClientSampleId :

090816-DRDC-E-U-M

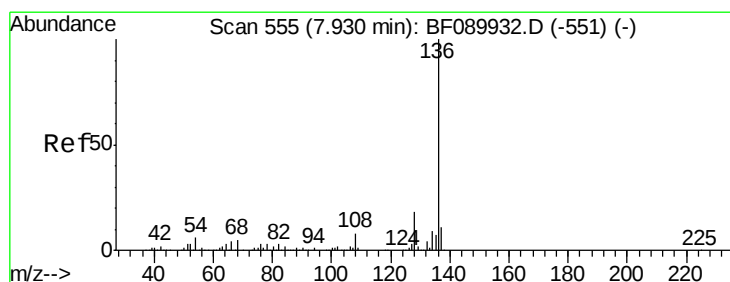
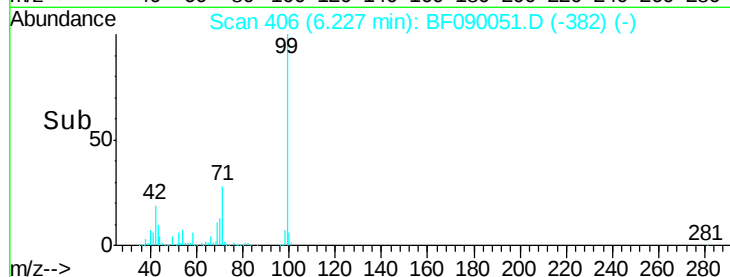
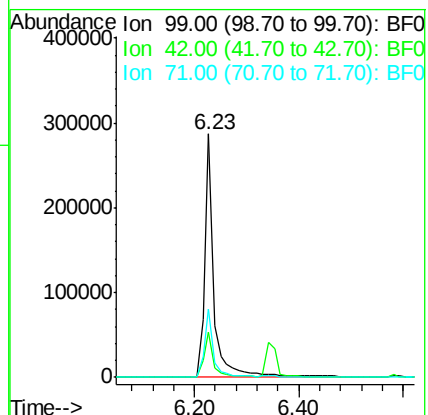
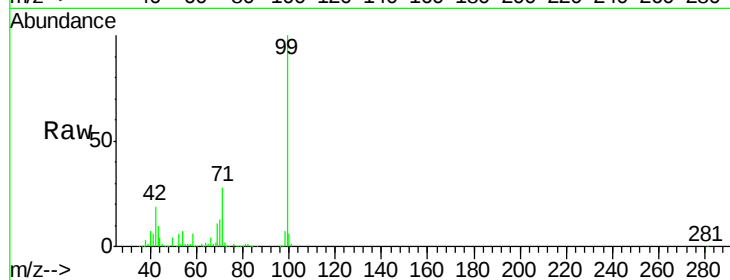
Tgt Ion: 99 Resp: 359529

Ion Ratio Lower Upper

99 100

42 18.6 18.6 27.8

71 27.8 25.8 38.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF090051.D

Acq: 9 Sep 2016 17:29

Tgt Ion: 136 Resp: 725191

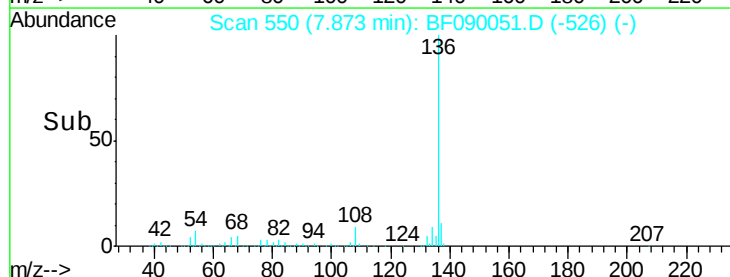
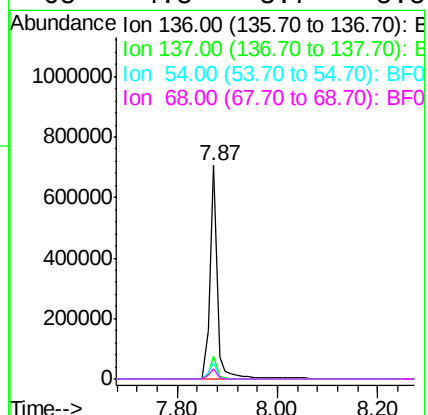
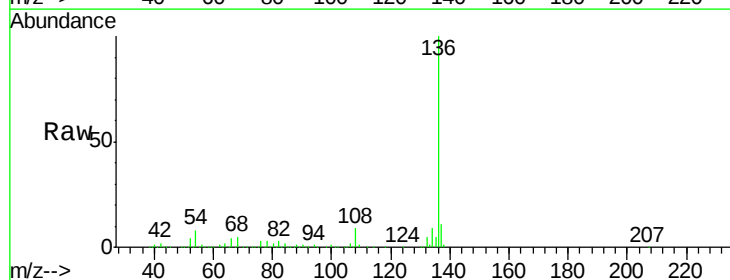
Ion Ratio Lower Upper

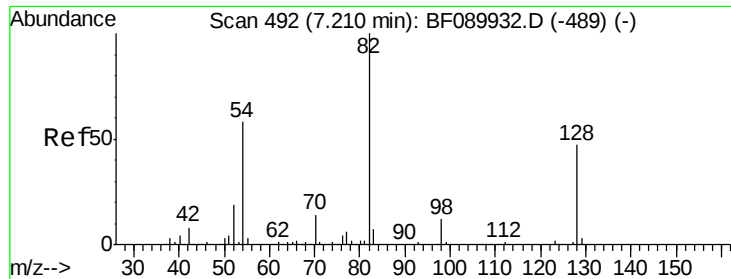
136 100

137 10.7 8.3 12.5

54 7.6 4.8 7.2#

68 4.8 3.7 5.5

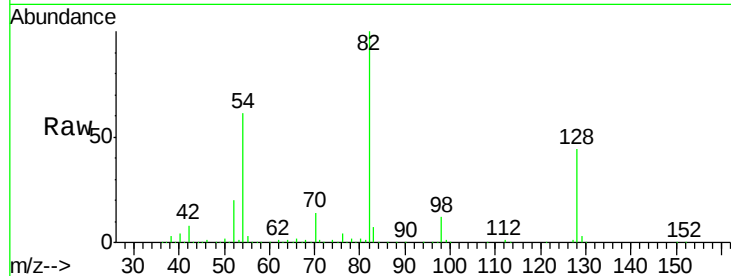




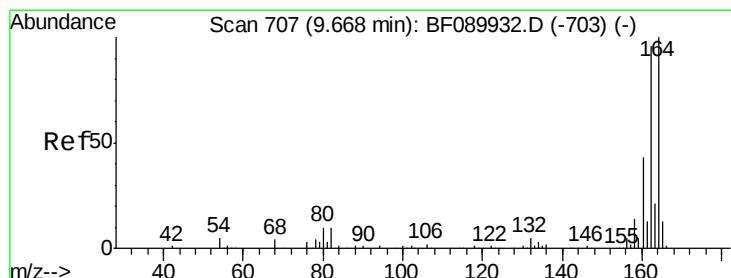
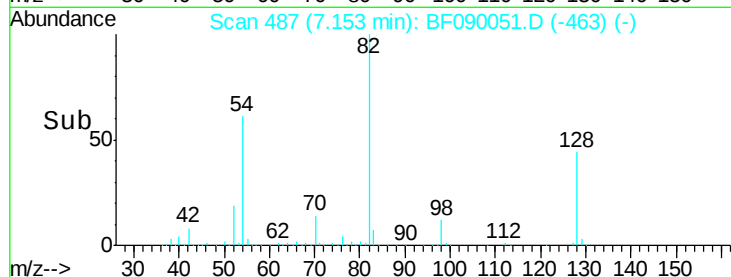
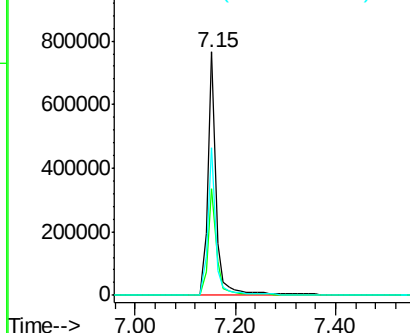
#23
 Nitrobenzene-d5
 Concen: 72.53 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF090051.D
 Acq: 9 Sep 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 090816-DRDC-E-U-M

Tgt Ion: 82 Resp: 906893
 Ion Ratio Lower Upper
 82 100
 128 44.1 37.8 56.8
 54 60.6 46.9 70.3

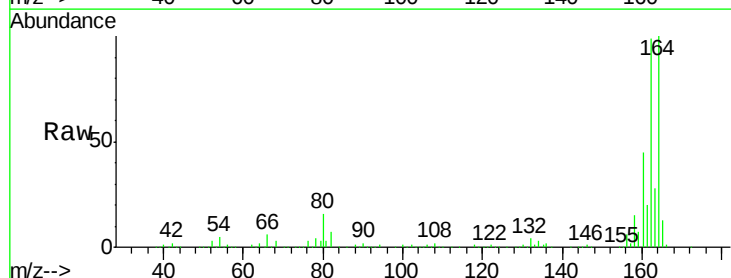


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

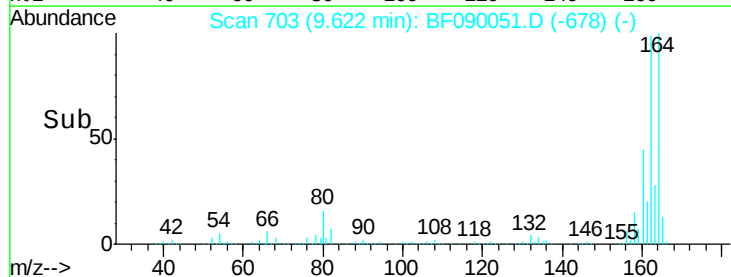
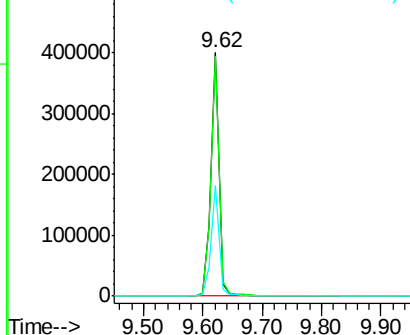


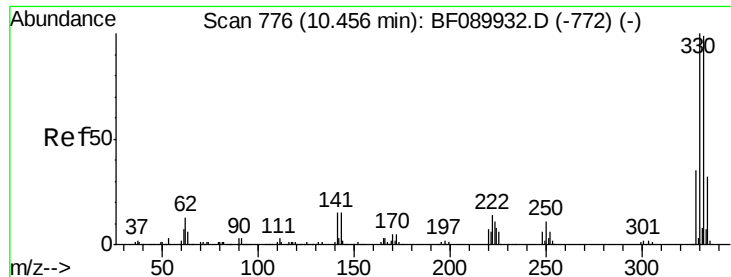
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF090051.D
 Acq: 9 Sep 2016 17:29

Tgt Ion: 164 Resp: 384186
 Ion Ratio Lower Upper
 164 100
 162 98.5 77.1 115.7
 160 45.2 35.3 52.9



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

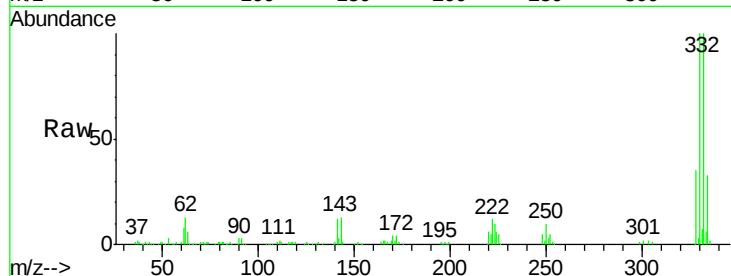




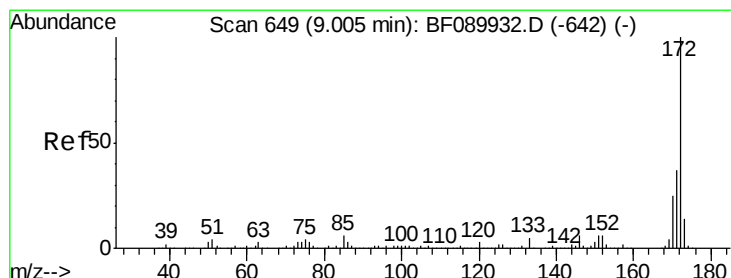
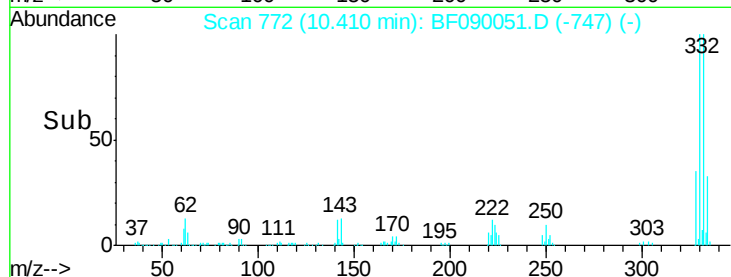
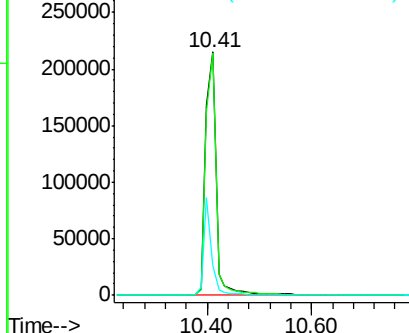
#41
 2,4,6-Tribromophenol
 Concen: 80.54 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090051.D
 Acq: 9 Sep 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 090816-DRDC-E-U-M

Tgt Ion:330 Resp: 305279
 Ion Ratio Lower Upper
 330 100
 332 98.3 78.6 117.8
 141 30.2 23.3 34.9

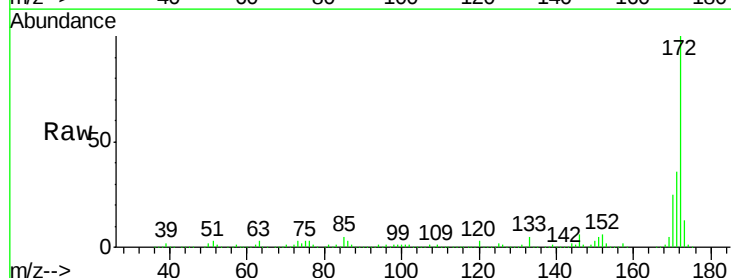


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

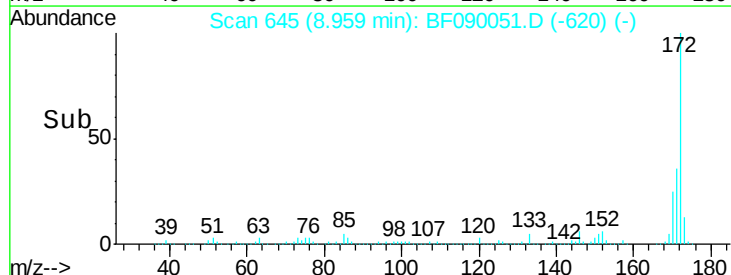
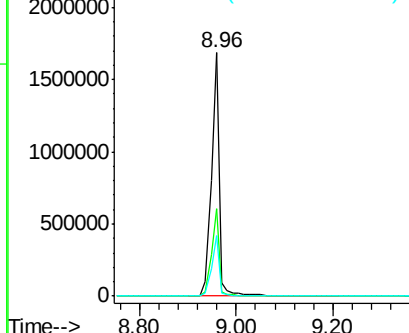


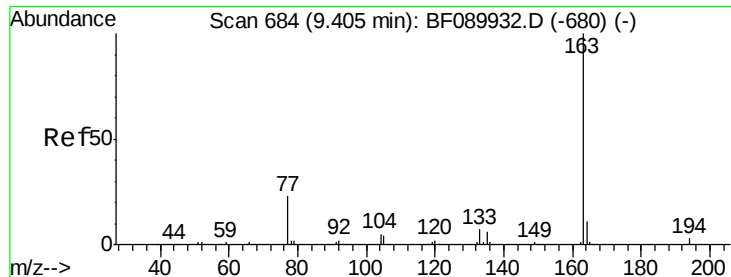
#44
 2-Fluorobiphenyl
 Concen: 83.69 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF090051.D
 Acq: 9 Sep 2016 17:29

Tgt Ion:172 Resp: 1958771
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 25.0 20.1 30.1



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





#49

Dimethylphthalate

Concen: 3.67 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF090051.D

Acq: 9 Sep 2016 17:29

Instrument :

BNA_F

ClientSampleId :

090816-DRDC-E-U-M

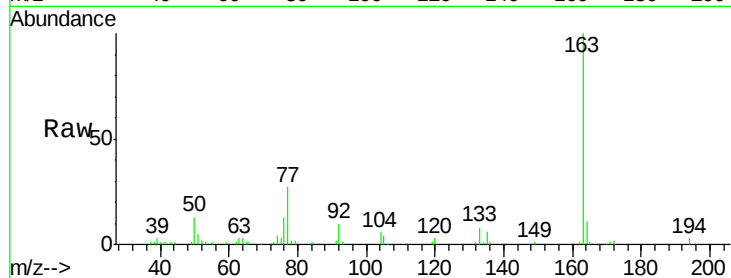
Tgt Ion:163 Resp: 101889

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

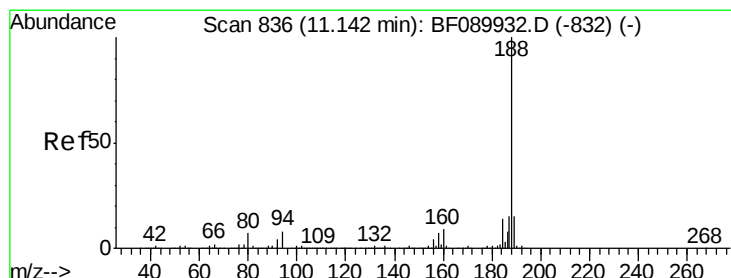
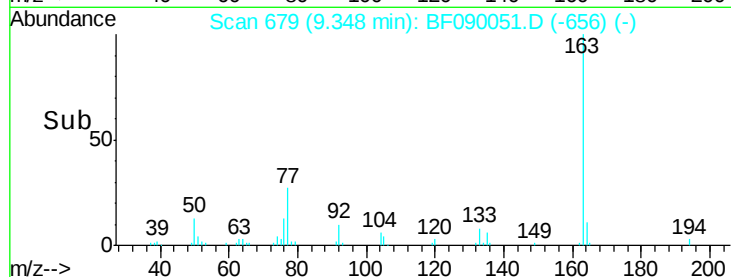
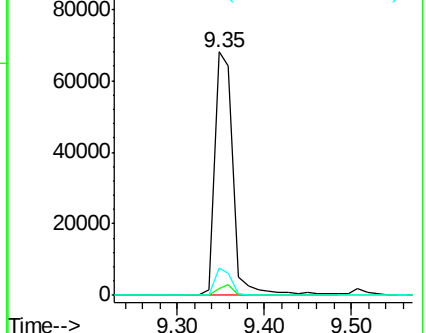
164 11.3 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF090051.D

Acq: 9 Sep 2016 17:29

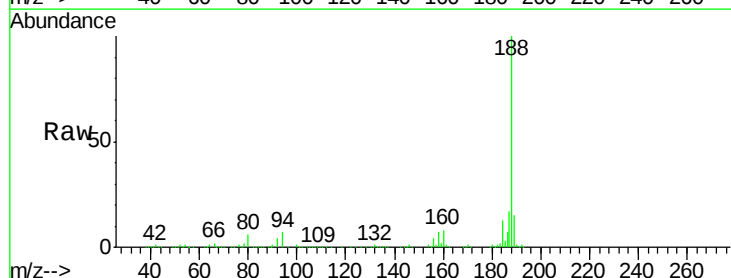
Tgt Ion:188 Resp: 732659

Ion Ratio Lower Upper

188 100

94 6.8 5.9 8.9

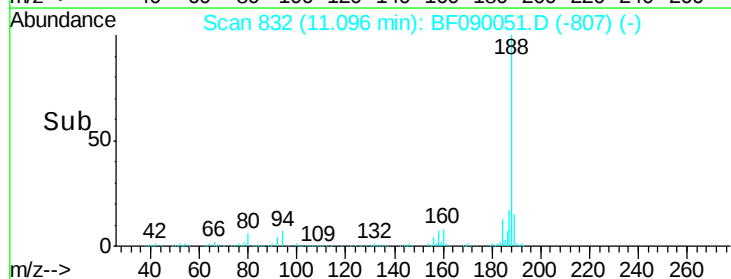
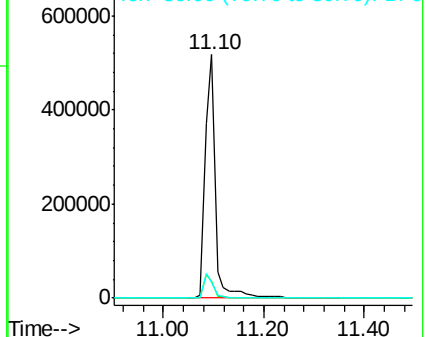
80 6.4 5.8 8.8

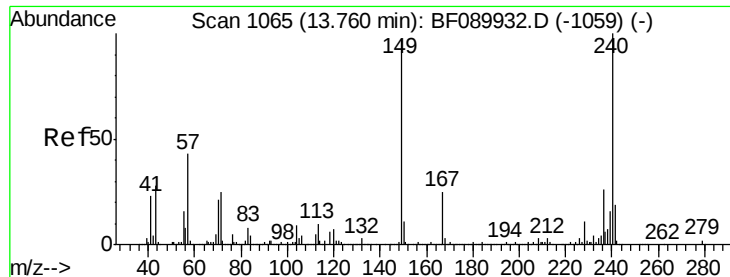


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF090051.D

Acq: 9 Sep 2016 17:29

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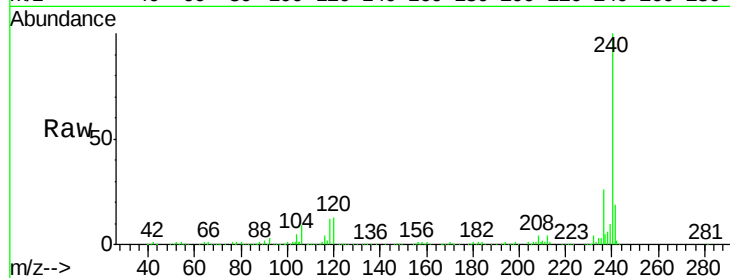
Tgt Ion:240 Resp: 481055

Ion Ratio Lower Upper

240 100

120 13.2 5.7 8.5#

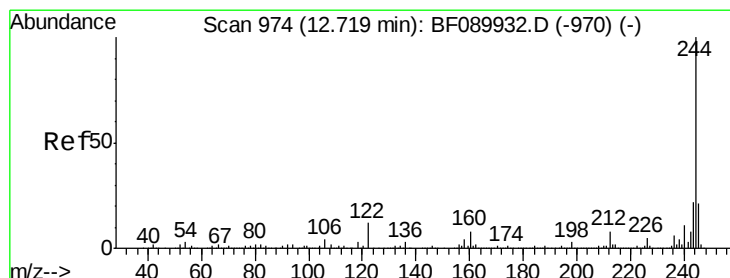
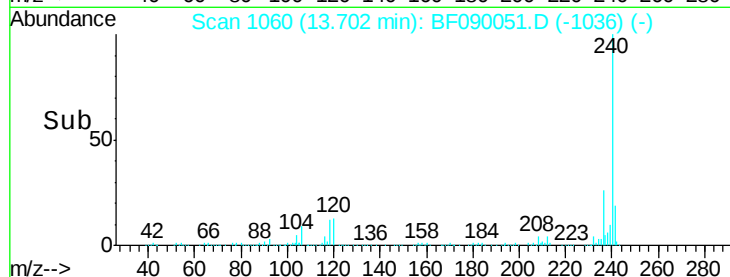
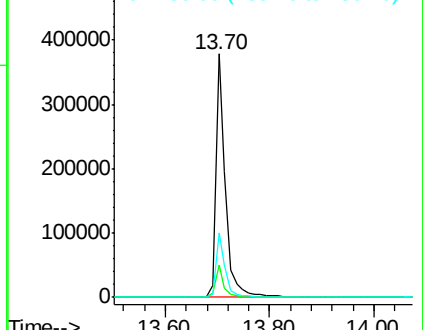
236 26.5 21.3 31.9



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: 96.35 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF090051.D

Acq: 9 Sep 2016 17:29

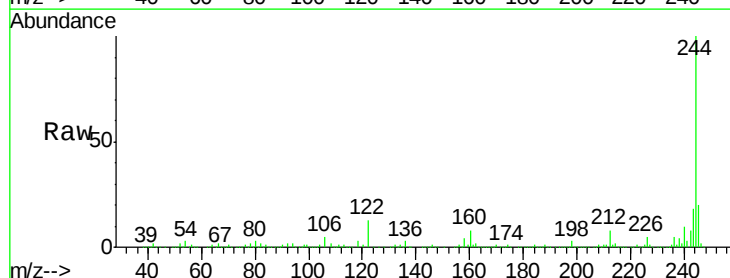
Tgt Ion:244 Resp: 1876248

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

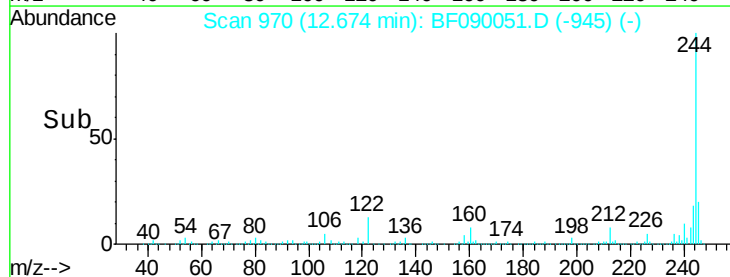
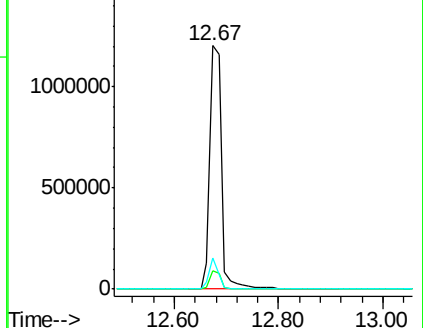
122 13.0 9.6 14.4

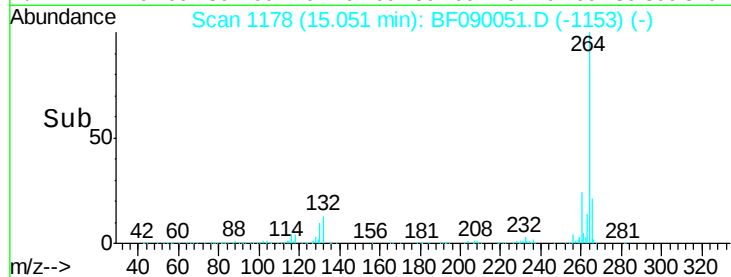
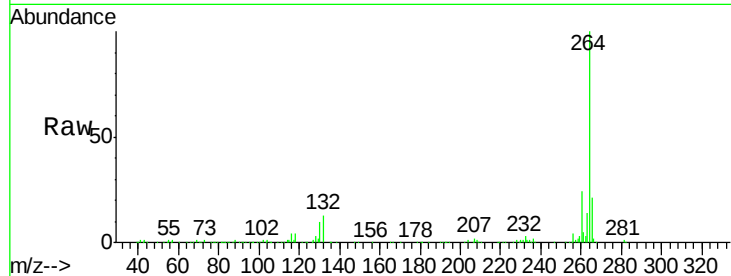
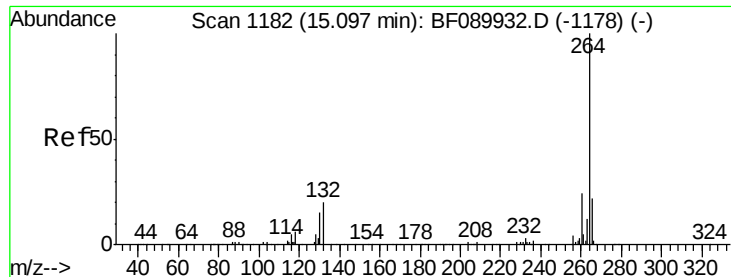


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF090051.D

Acq: 9 Sep 2016 17:29

Instrument :

BNA_F

ClientSampleId :

090816-DRDC-E-U-M

Tgt Ion: 264 Resp: 364826

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.0 17.4 26.2

