

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
 Data File : BF090050.D
 Acq On : 9 Sep 2016 17:00
 Operator : UM/SJ
 Sample : H4736-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 09 18:00:55 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

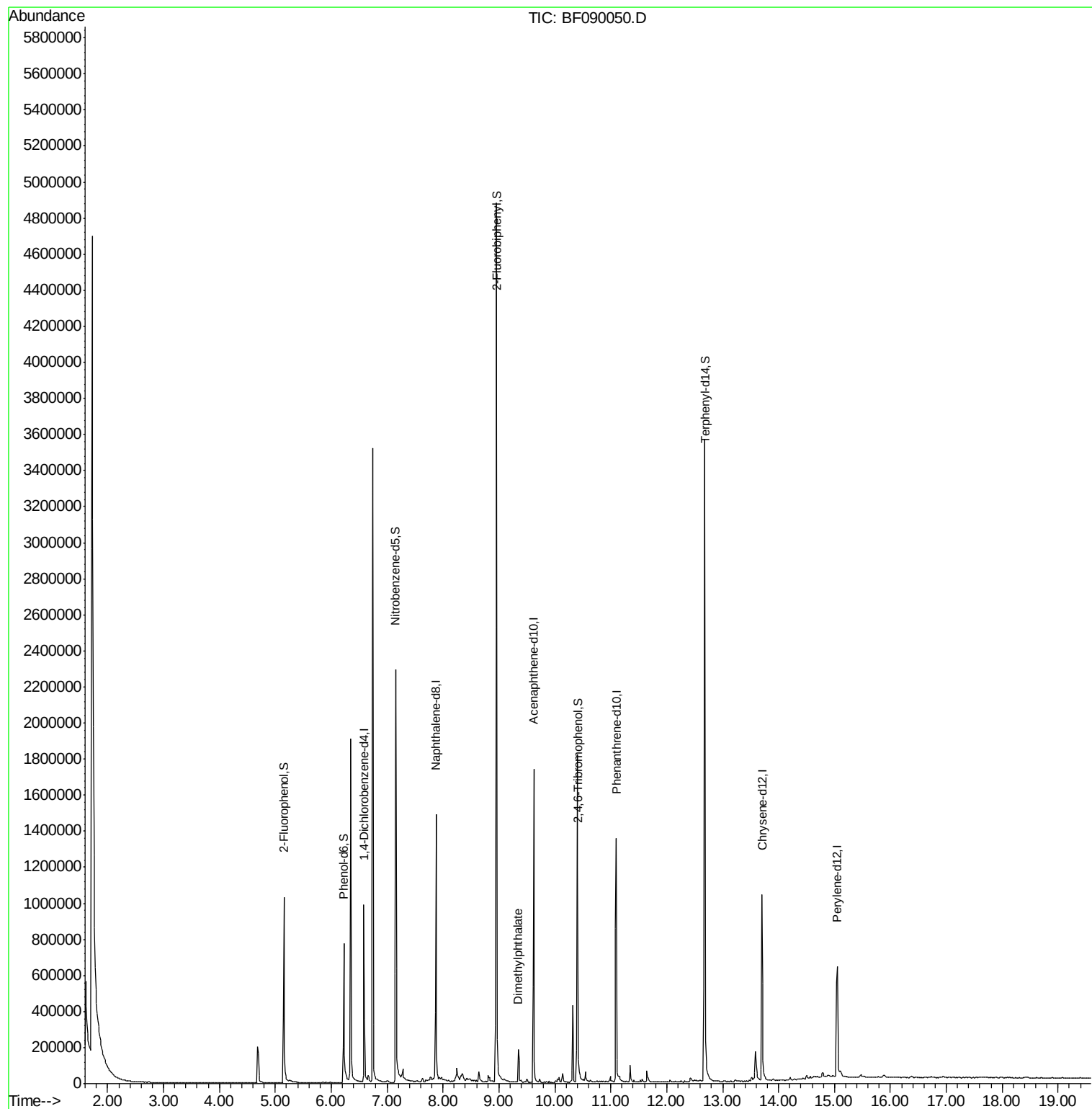
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	178139	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	745862	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	390843	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	751186	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	479870	20.00	ng	-0.02
86) Perylene-d12	15.05	264	372266	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	373472	33.56	ng	-0.01
7) Phenol-d6	6.23	99	346983	25.66	ng	-0.02
23) Nitrobenzene-d5	7.15	82	916256	71.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	328286	85.14	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	1977243	83.04	ng	-0.01
78) Terphenyl-d14	12.69	244	1921647	98.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.35	163	107167	3.79	ng	Qvalue 100

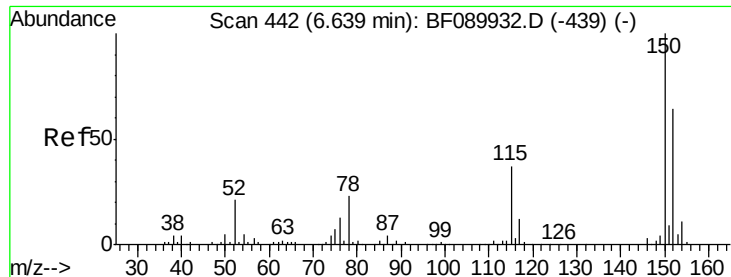
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090050.D

Acq: 9 Sep 2016 17:00

Instrument :

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ClientSampleId :

090816-DRDC-E-D-M

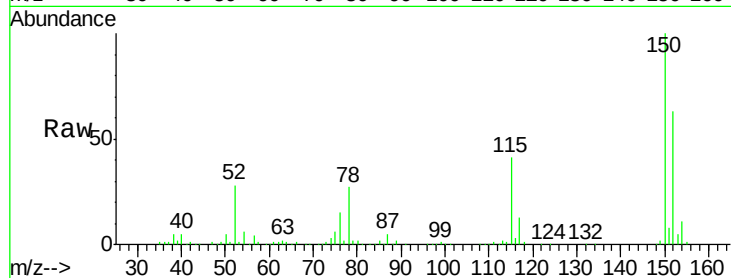
Tgt Ion:152 Resp: 178139

Ion Ratio Lower Upper

152 100

150 157.5 127.4 191.2

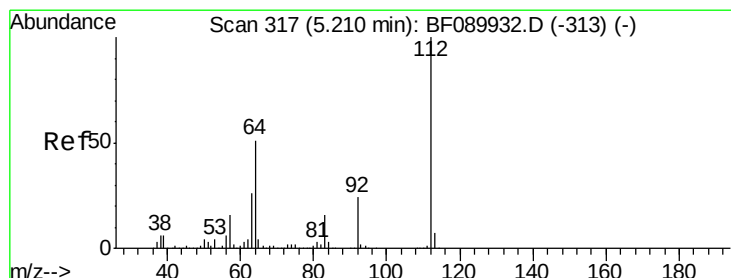
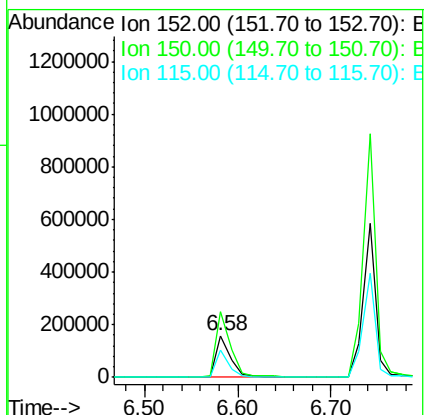
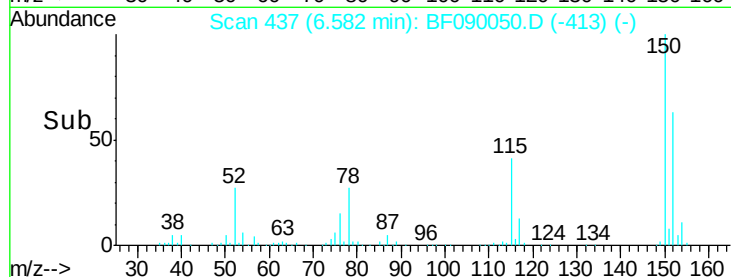
115 64.8 46.3 69.5



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: 33.56 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.01 min

Lab File: BF090050.D

Acq: 9 Sep 2016 17:00

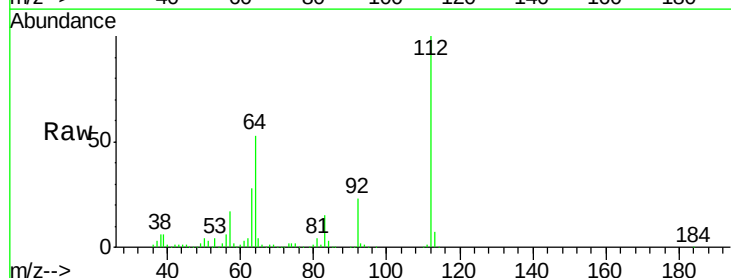
Tgt Ion:112 Resp: 373472

Ion Ratio Lower Upper

112 100

64 53.5 41.1 61.7

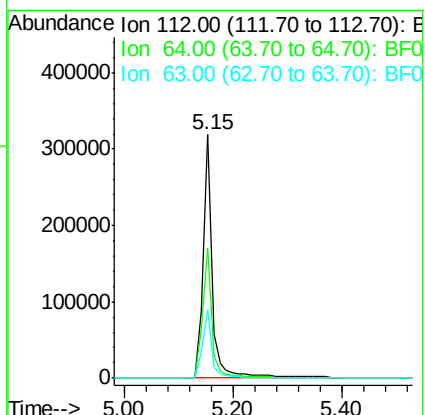
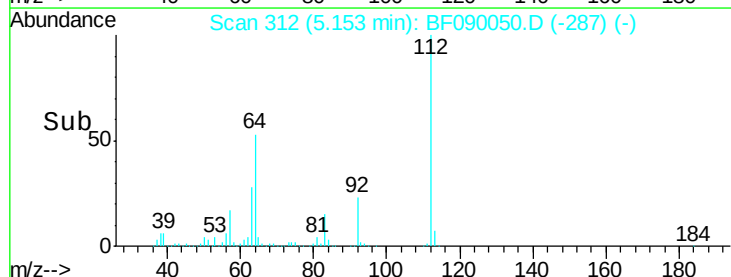
63 27.8 21.2 31.8

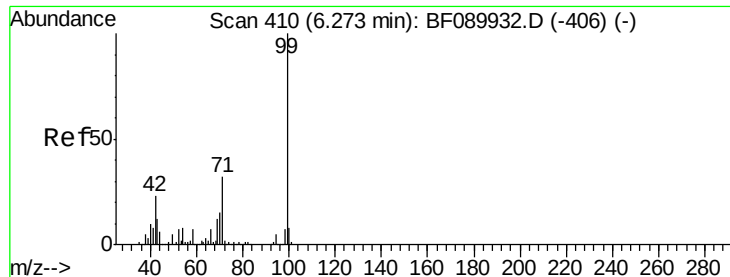


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.66 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090050.D

Acq: 9 Sep 2016 17:00

Instrument :

BNA_F

ClientSampleId :

090816-DRDC-E-D-M

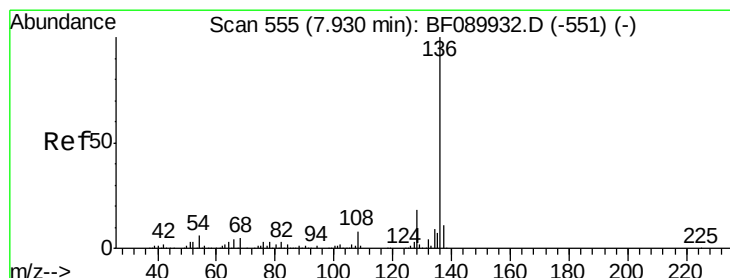
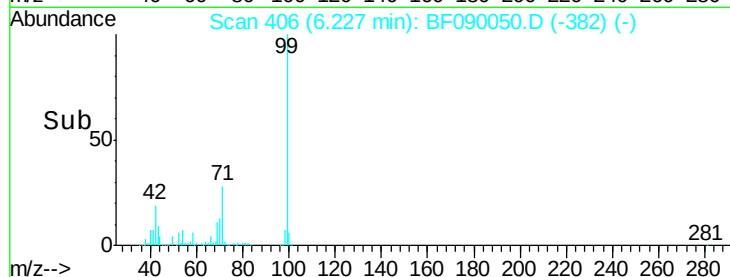
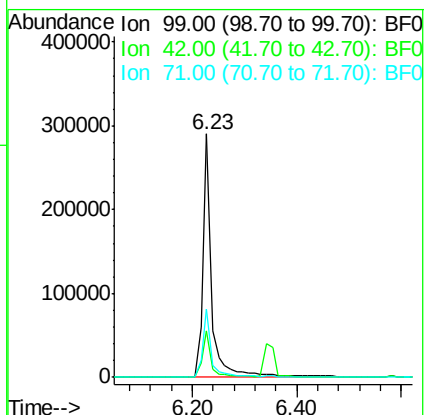
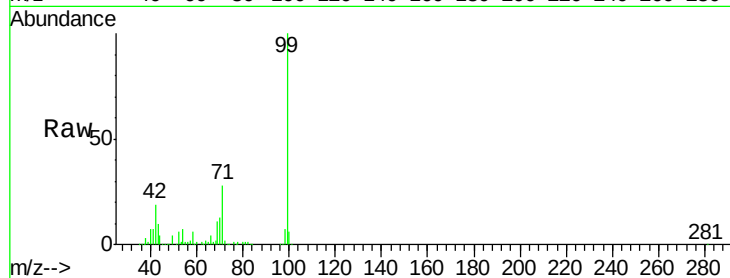
Tgt Ion: 99 Resp: 346983

Ion Ratio Lower Upper

99 100

42 19.0 18.6 27.8

71 28.1 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: BF090050.D

Acq: 9 Sep 2016 17:00

Tgt Ion: 136 Resp: 745862

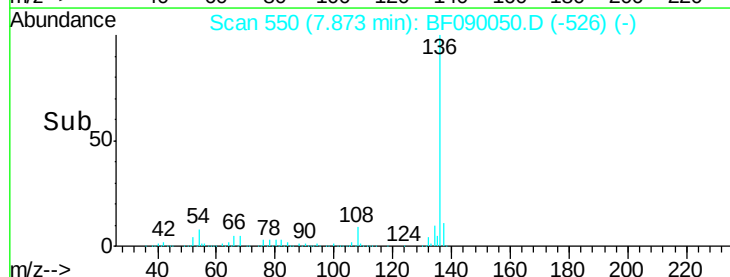
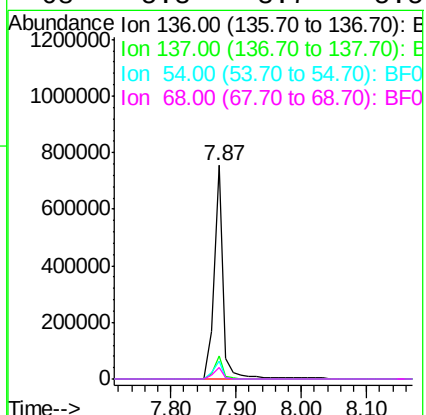
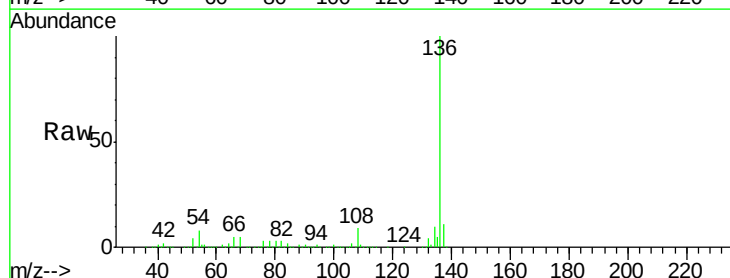
Ion Ratio Lower Upper

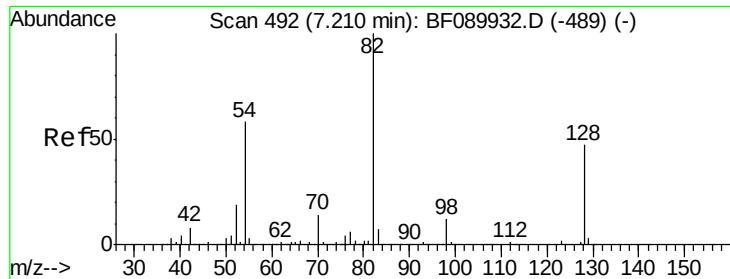
136 100

137 11.1 8.3 12.5

54 8.1 4.8 7.2#

68 5.3 3.7 5.5

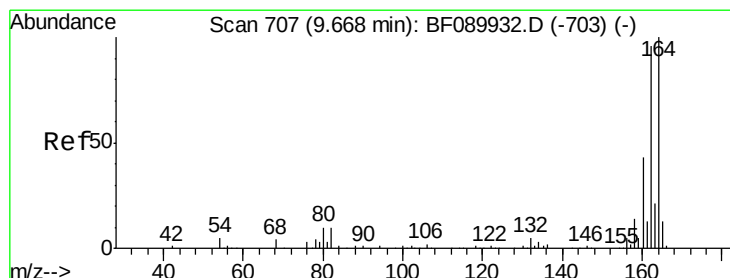
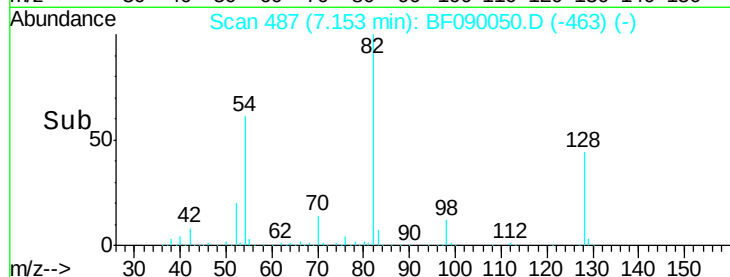
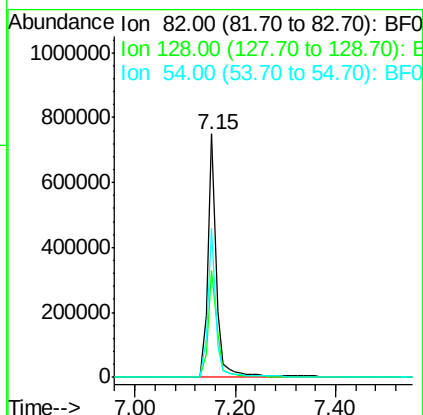
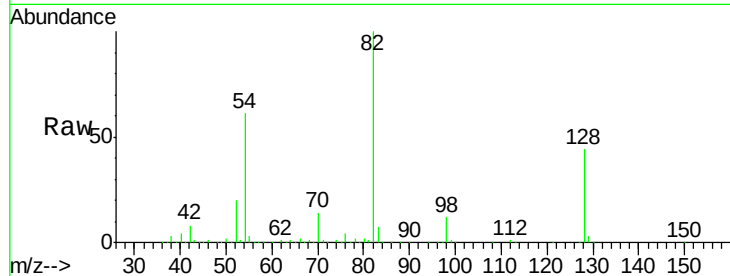




#23
 Nitrobenzene-d5
 Concen: 71.24 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF090050.D
 Acq: 9 Sep 2016 17:00

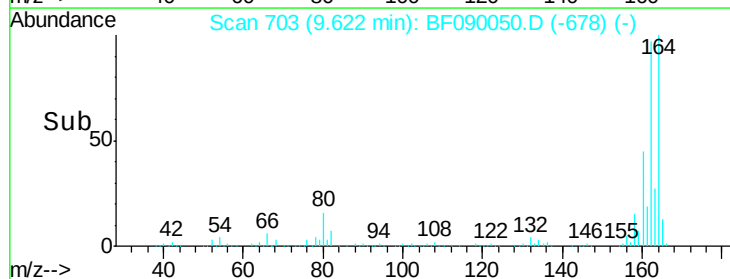
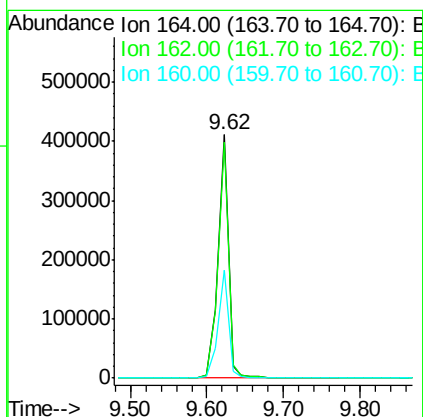
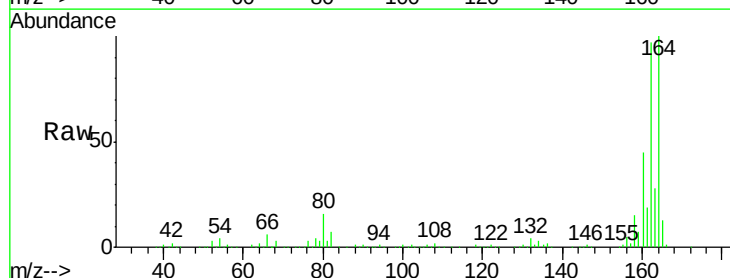
Instrument :
 BNA_F
 ClientSampleId :
 090816-DRDC-E-D-M

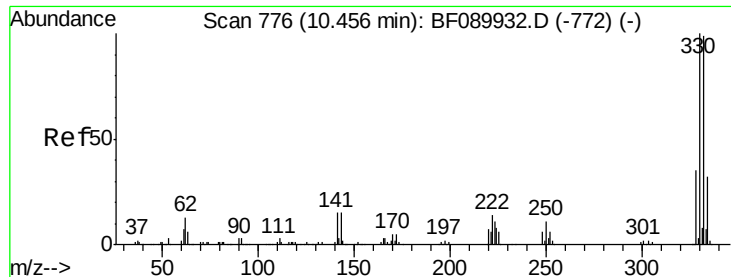
Tgt Ion: 82 Resp: 916256
 Ion Ratio Lower Upper
 82 100
 128 43.8 37.8 56.8
 54 61.0 46.9 70.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF090050.D
 Acq: 9 Sep 2016 17:00

Tgt Ion: 164 Resp: 390843
 Ion Ratio Lower Upper
 164 100
 162 97.1 77.1 115.7
 160 44.6 35.3 52.9

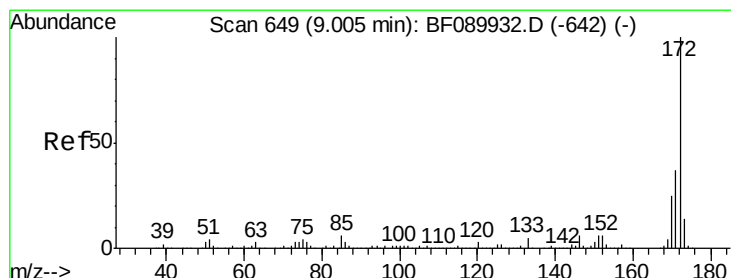
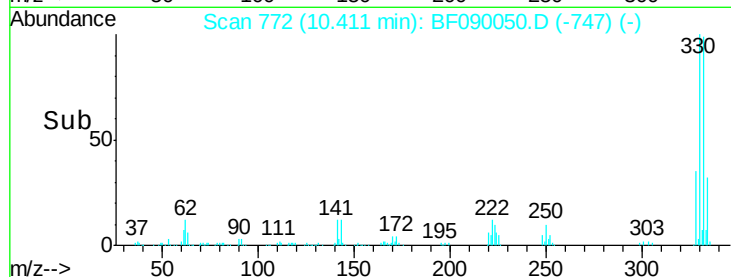
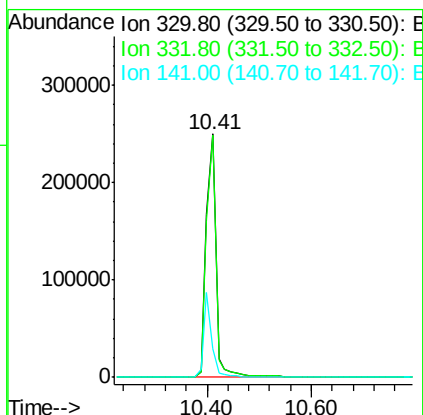
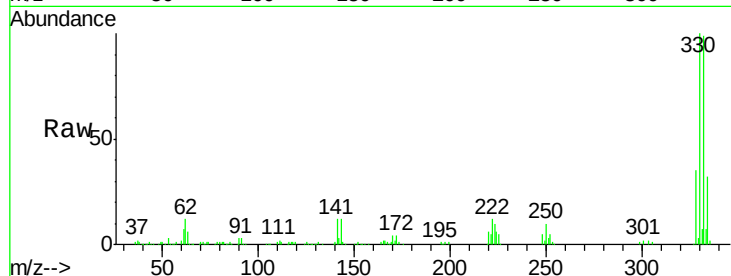




#41
 2,4,6-Tribromophenol
 Concen: 85.14 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090050.D
 Acq: 9 Sep 2016 17:00

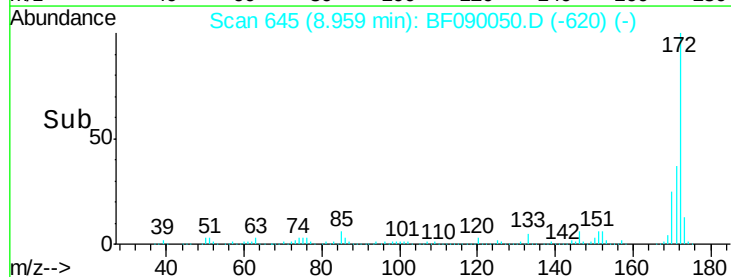
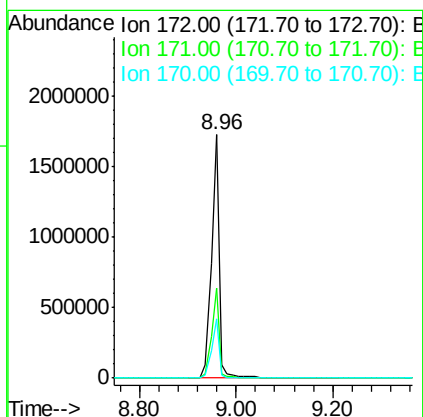
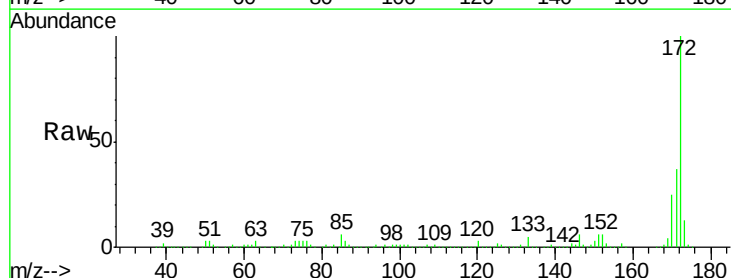
Instrument :
 BNA_F
 ClientSampleId :
 090816-DRDC-E-D-M

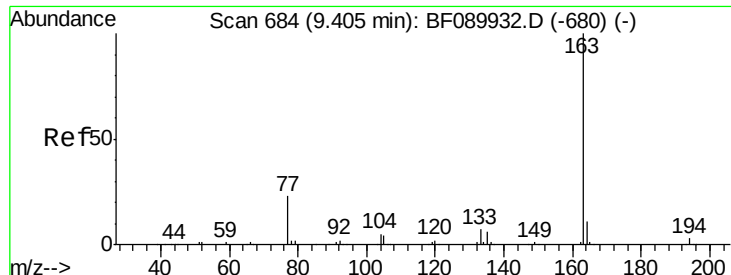
Tgt Ion:330 Resp: 328286
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 117.8
 141 29.2 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 83.04 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF090050.D
 Acq: 9 Sep 2016 17:00

Tgt Ion:172 Resp: 1977243
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.5 20.1 30.1





#49

Dimethylphthalate

Concen: 3.79 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF090050.D

Acq: 9 Sep 2016 17:00

Instrument :

BNA_F

ClientSampleId :

090816-DRDC-E-D-M

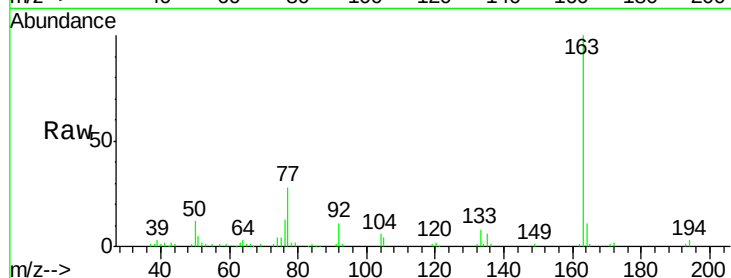
Tgt Ion:163 Resp: 107167

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

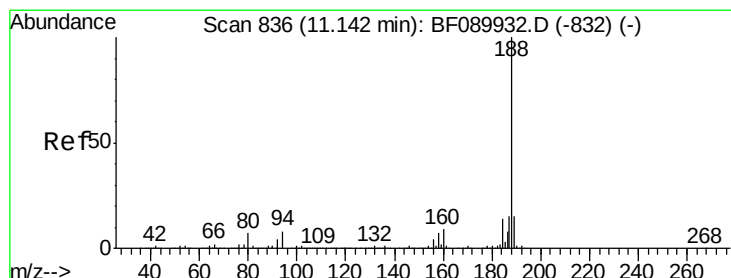
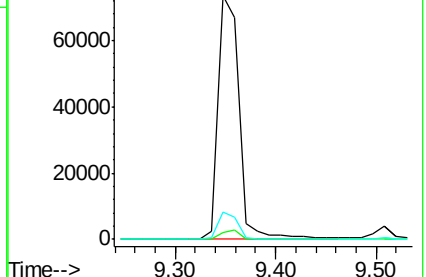
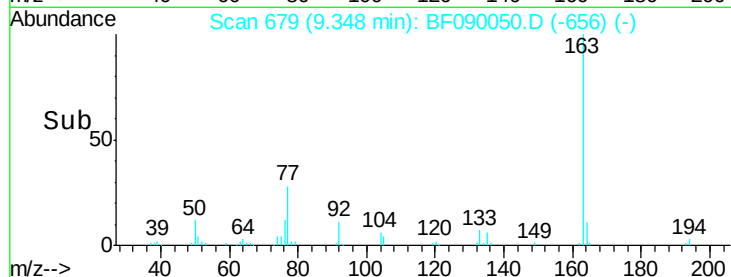
164 11.2 9.0 13.4



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: BF090050.D

Acq: 9 Sep 2016 17:00

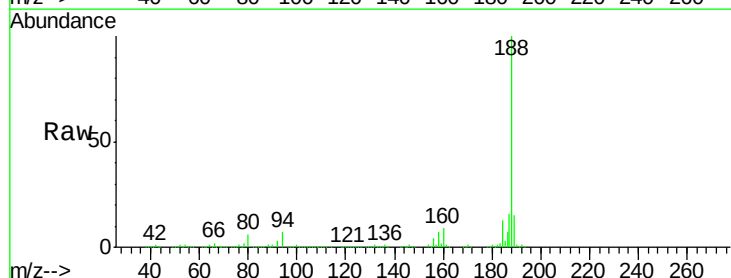
Tgt Ion:188 Resp: 751186

Ion Ratio Lower Upper

188 100

94 6.7 5.9 8.9

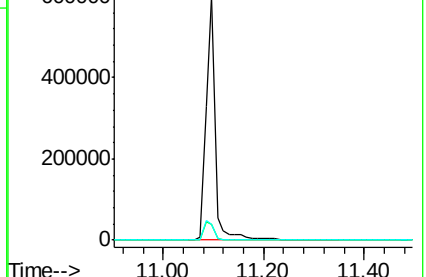
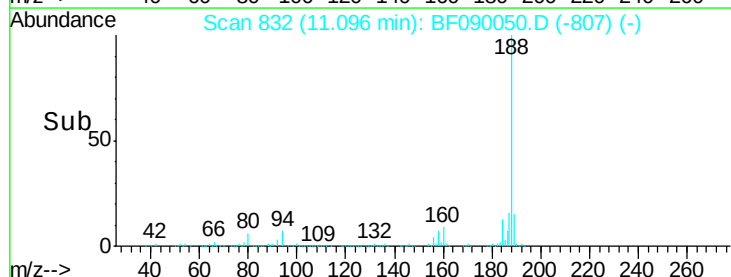
80 6.3 5.8 8.8

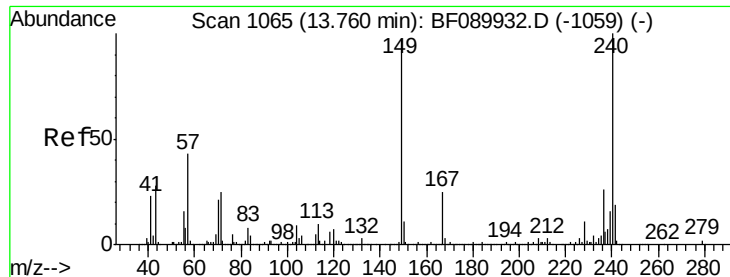


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090050.D

Acq: 9 Sep 2016 17:00

Instrument :

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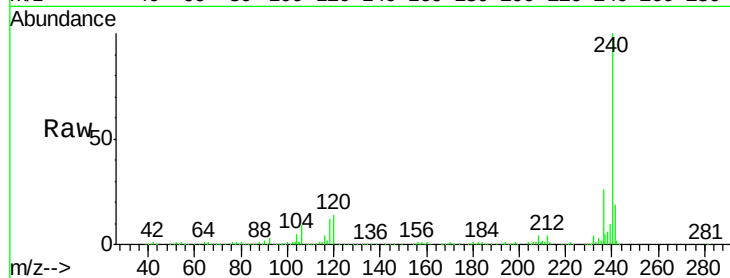
Tgt Ion:240 Resp: 479870

Ion Ratio Lower Upper

240 100

120 13.8 5.7 8.5#

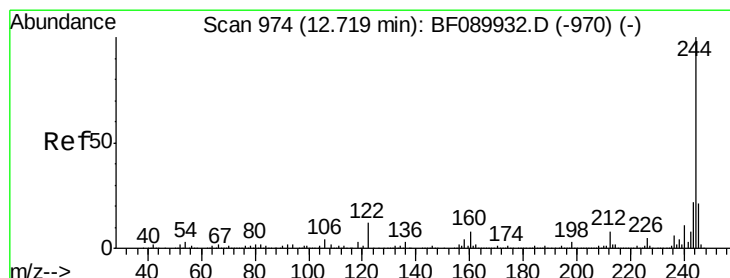
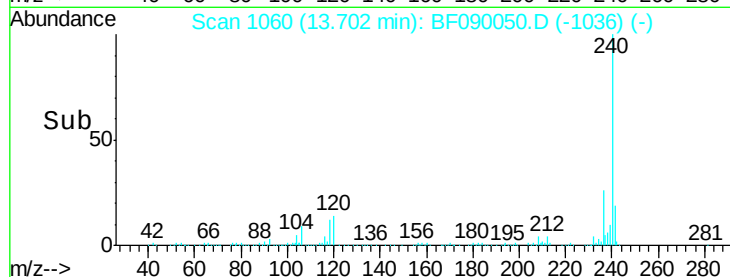
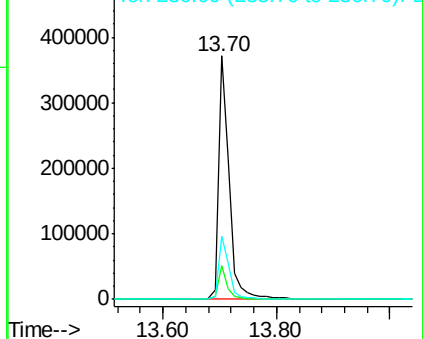
236 25.8 21.3 31.9



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: 98.92 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF090050.D

Acq: 9 Sep 2016 17:00

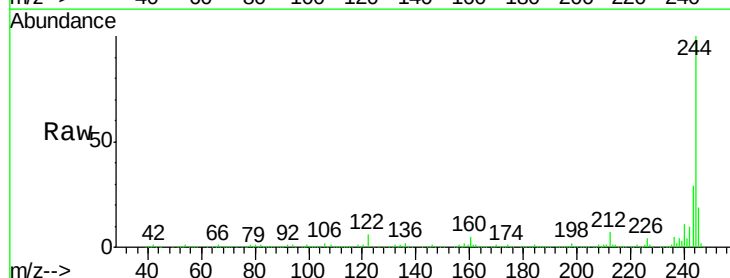
Tgt Ion:244 Resp: 1921647

Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

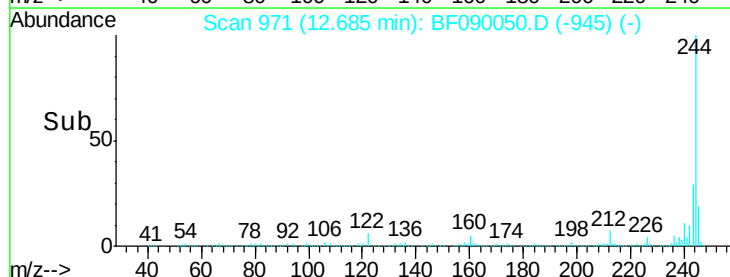
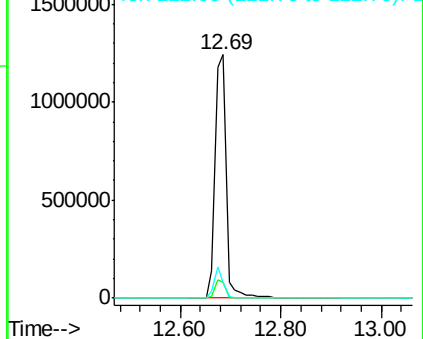
122 6.3 9.6 14.4#

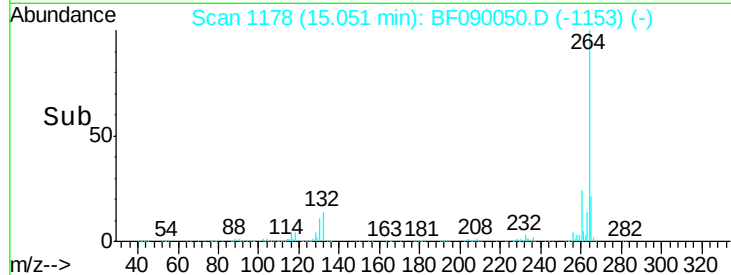
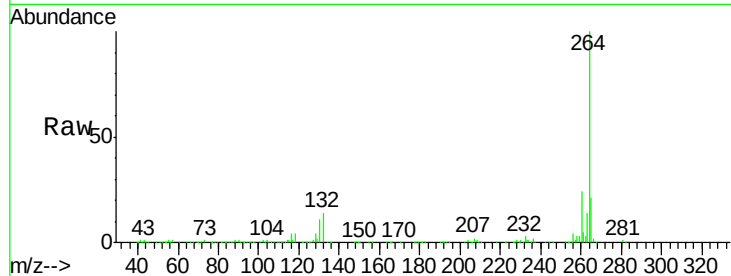
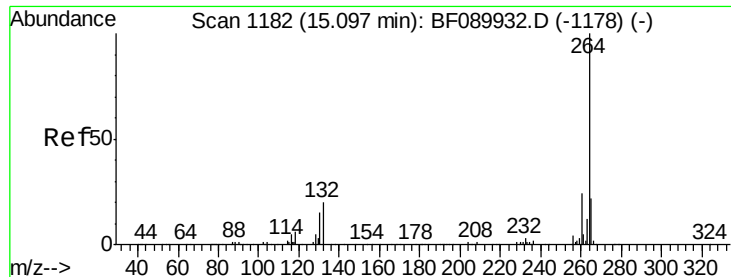


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090050.D
Acq: 9 Sep 2016 17:00

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

Tgt Ion:	264	Resp:	372266
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.0
265	21.5	17.4	26.2

