

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093717.D
 Acq On : 16 Mar 2017 20:18
 Operator : SJ/MA
 Sample : I2255-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Quant Time: Mar 17 03:39:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

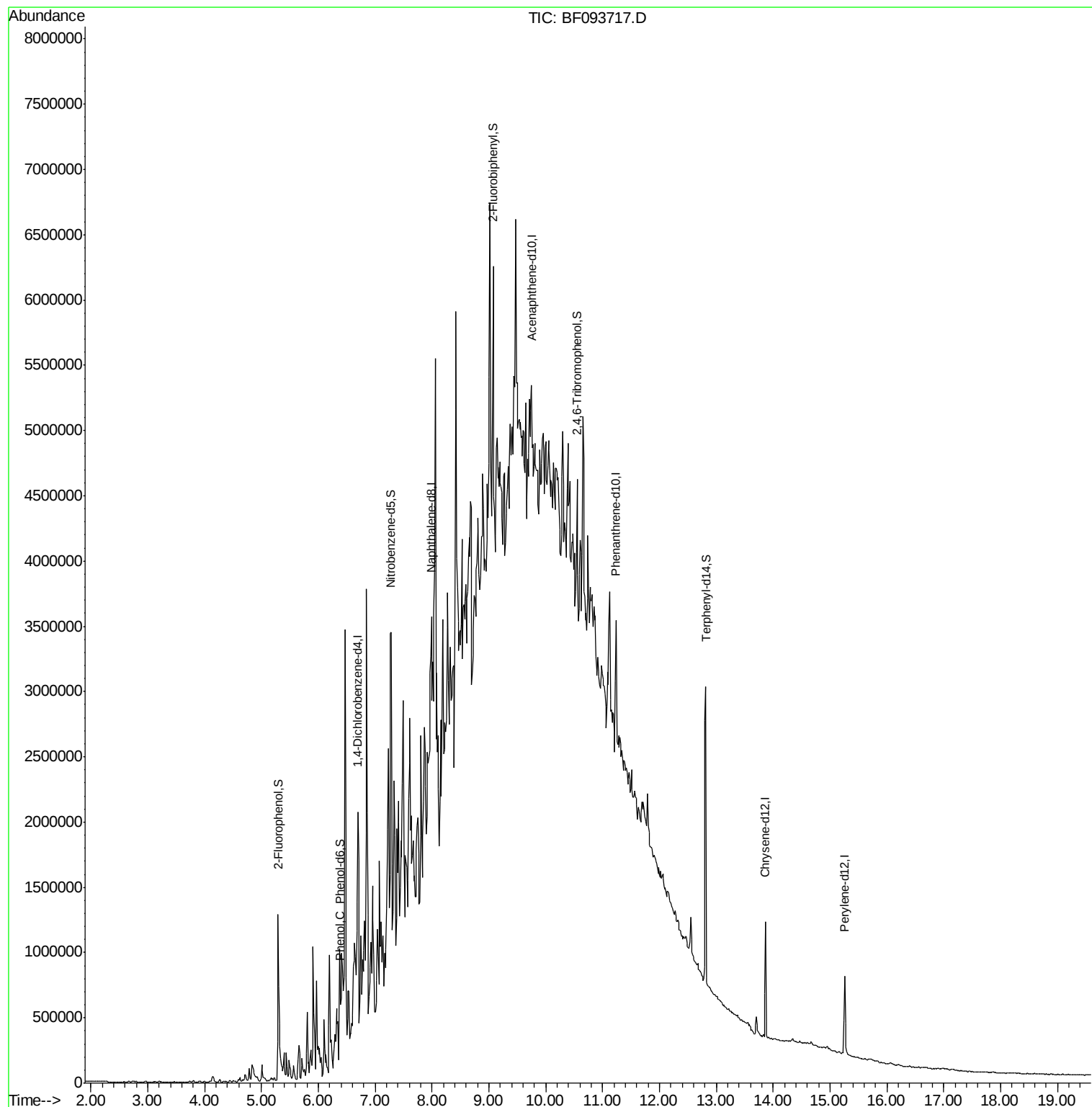
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	174125	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	630759	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	238993	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	488476	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	360456	20.00	ng	-0.02
86) Perylene-d12	15.26	264	294917	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	660876	63.17	ng	-0.02
7) Phenol-d6	6.38	99	604278	45.80	ng	0.00
23) Nitrobenzene-d5	7.27	82	899704	79.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	237523	152.54	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1380192	107.42	ng	-0.01
78) Terphenyl-d14	12.81	244	1082096	78.05	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	46751	2.89	ng	Qvalue 86

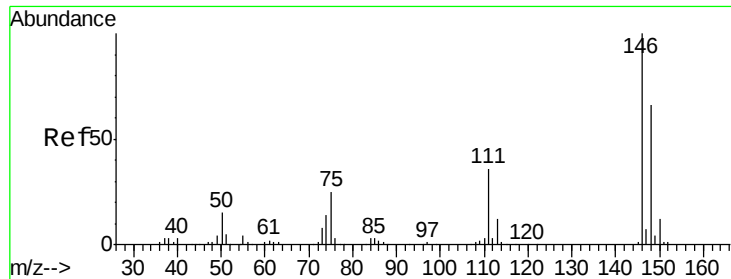
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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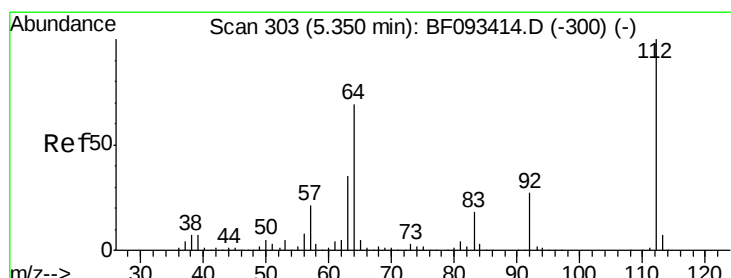
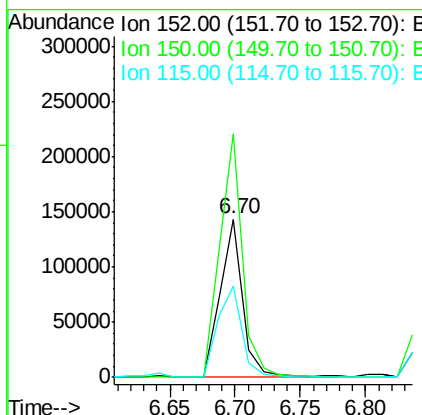
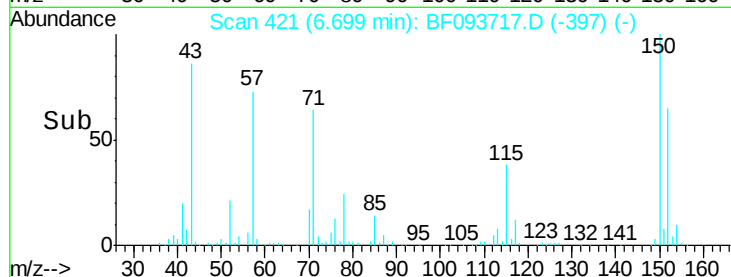
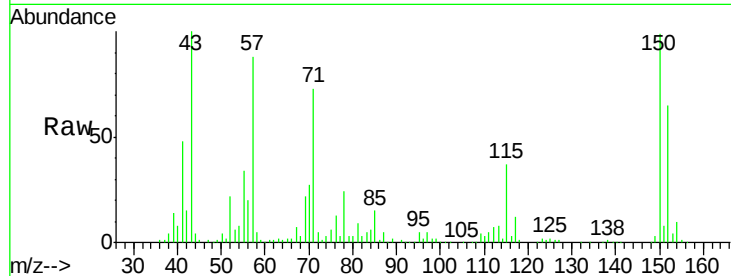




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF093717.D
 Acq: 16 Mar 2017 20:18

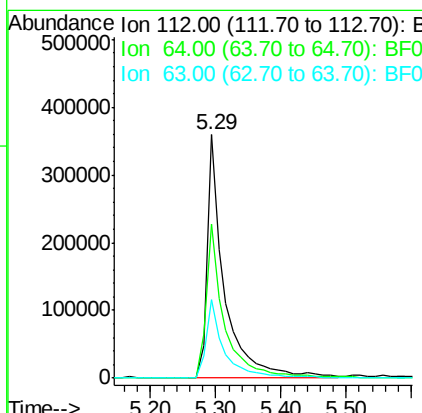
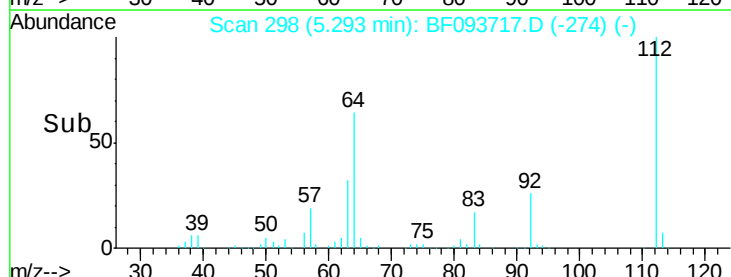
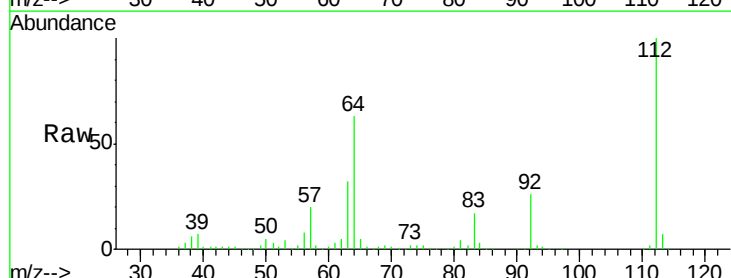
Instrument :
 BNA_F
 ClientSampleId :
 W-02

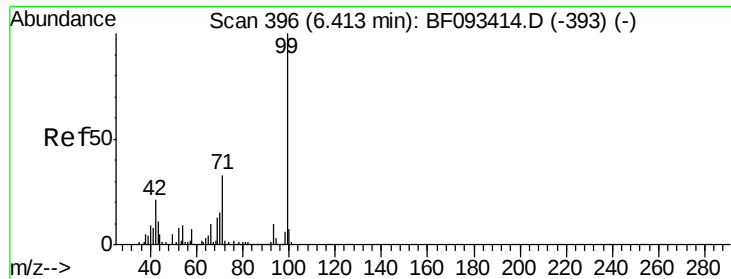
Tot Ion:	152	Resp:	174125
Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.9	187.3
115	57.9	46.0	69.0



#5
 2-Fluorophenol
 Concen: 63.17 ng
 RT: 5.29 min Scan# 298
 Delta R.T. -0.02 min
 Lab File: BF093717.D
 Acq: 16 Mar 2017 20:18

Tgt Ion:	112	Resp:	660876
Ion	Ratio	Lower	Upper
112	100		
64	63.4	46.1	69.1
63	32.1	23.8	35.6





#7

Phenol-d6

Concen: 45.80 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093717.D

Acq: 16 Mar 2017 20:18

Instrument :

BNA_F

ClientSampleId :

W-02

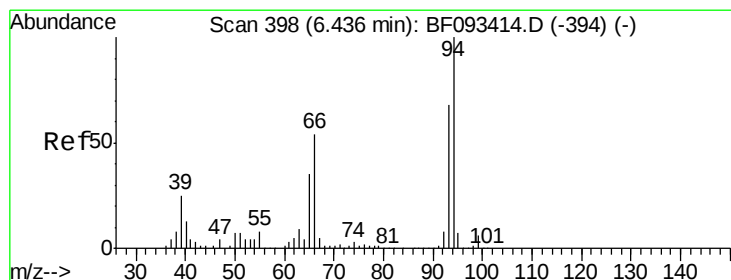
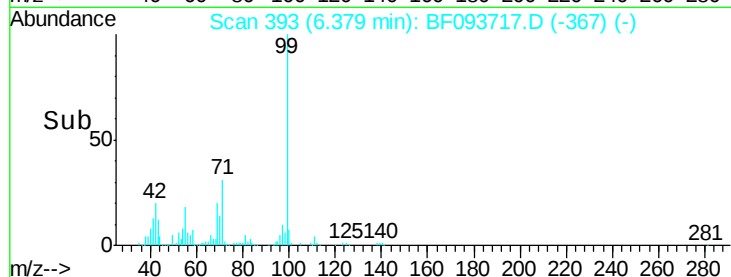
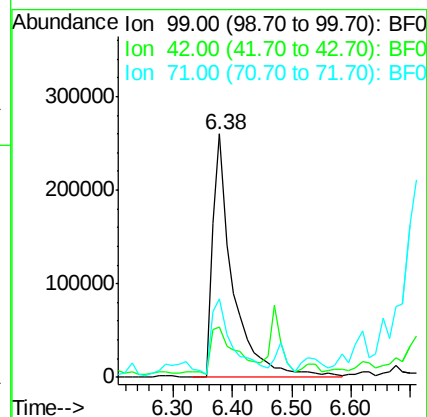
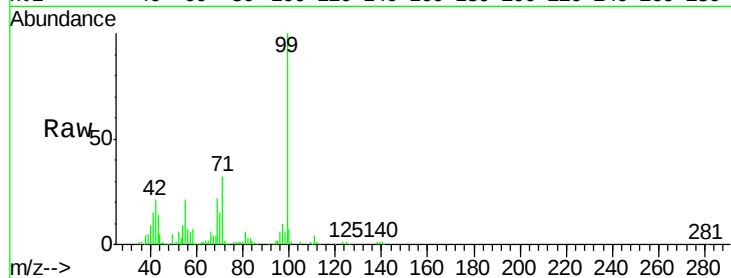
Tot Ion: 99 Resp: 604278

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

71 32.1 27.5 41.3



#10

Phenol

Concen: 2.89 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093717.D

Acq: 16 Mar 2017 20:18

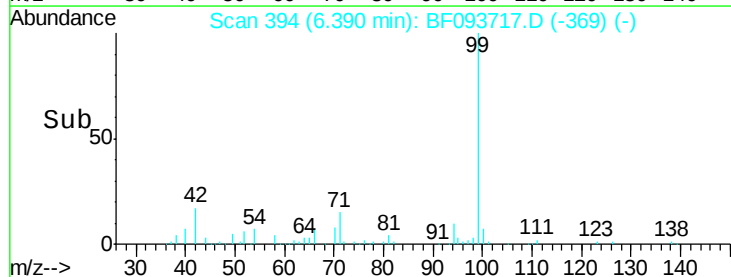
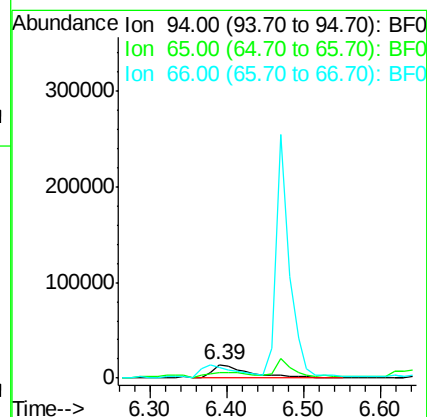
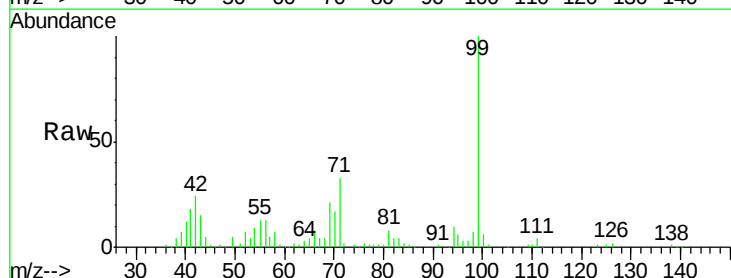
Tgt Ion: 94 Resp: 46751

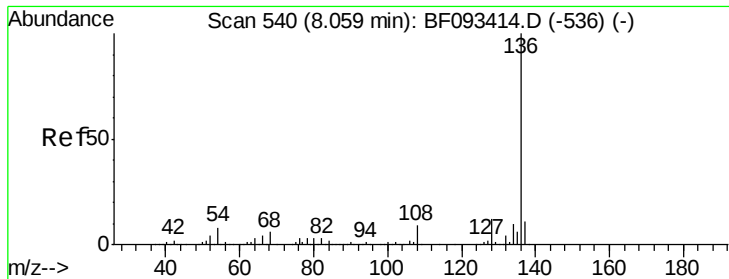
Ion Ratio Lower Upper

94 100

65 37.4 21.4 61.4

66 78.5 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF093717.D

Acq: 16 Mar 2017 20:18

Instrument :

BNA_F

ClientSampleId :

W-02

Tot Ion:136 Resp: 630759

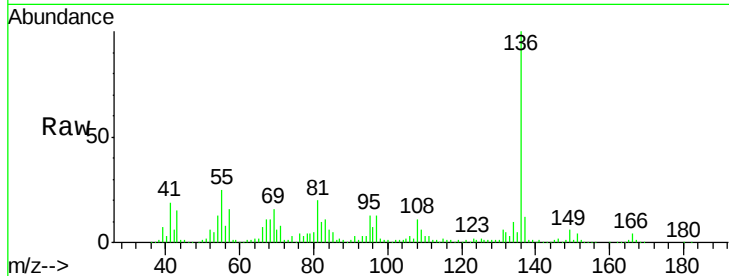
Ion Ratio Lower Upper

136 100

137 12.1 8.4 12.6

54 12.8 4.5 6.7#

68 10.9 3.6 5.4#

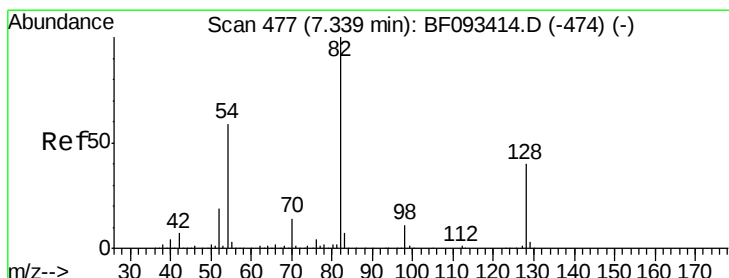
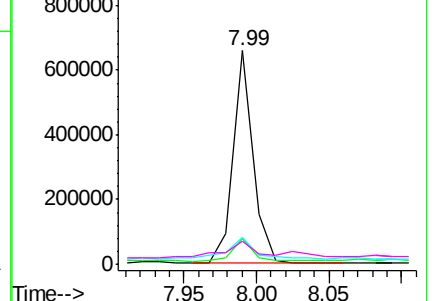
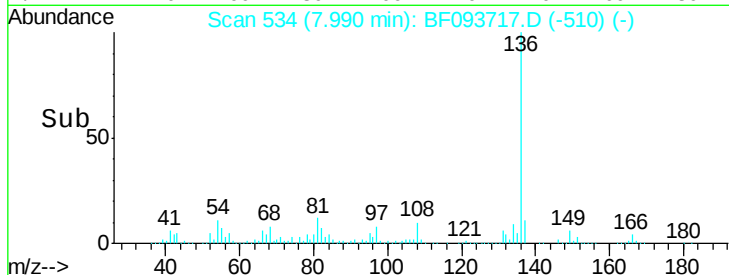


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.14 ng

RT: 7.27 min Scan# 471

Delta R.T. -0.03 min

Lab File: BF093717.D

Acq: 16 Mar 2017 20:18

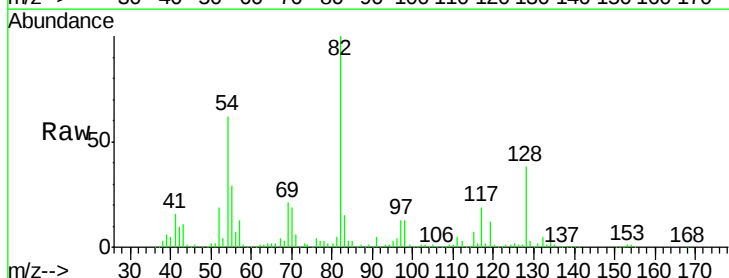
Tgt Ion: 82 Resp: 899704

Ion Ratio Lower Upper

82 100

128 38.0 34.6 52.0

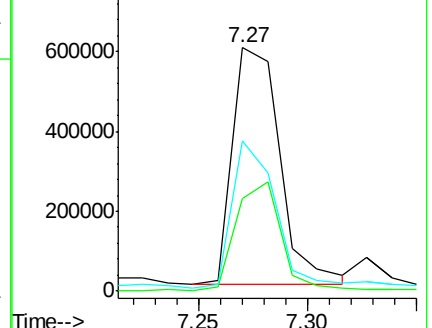
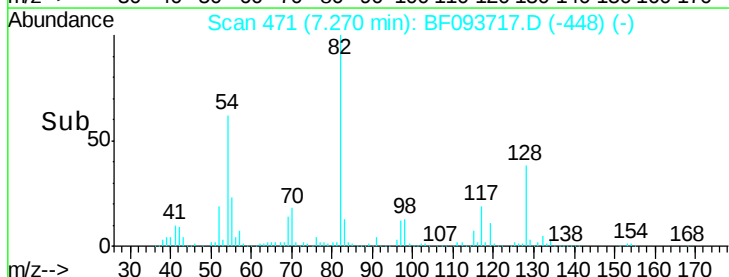
54 61.5 39.5 59.3#

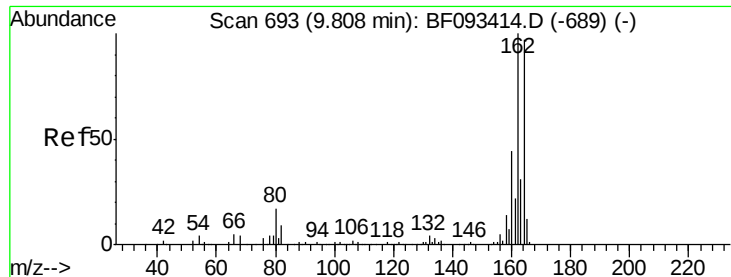


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

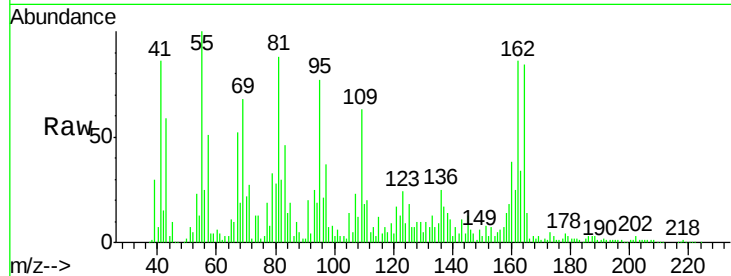




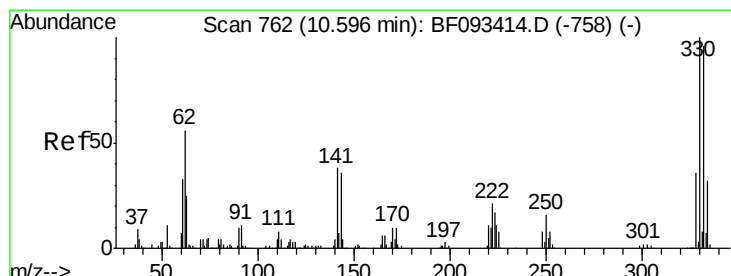
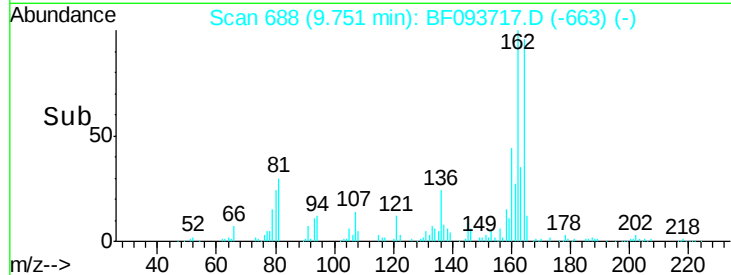
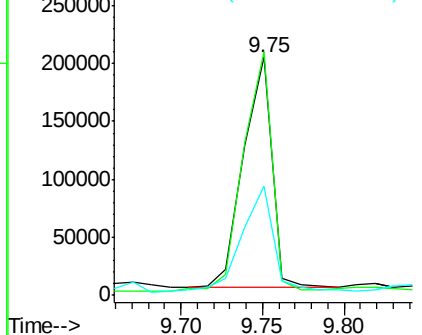
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093717.D
 Acq: 16 Mar 2017 20:18

Instrument :
 BNA_F
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 W-02

Tot Ion:164 Resp: 238993
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.2 120.2
 160 45.8 36.9 55.3

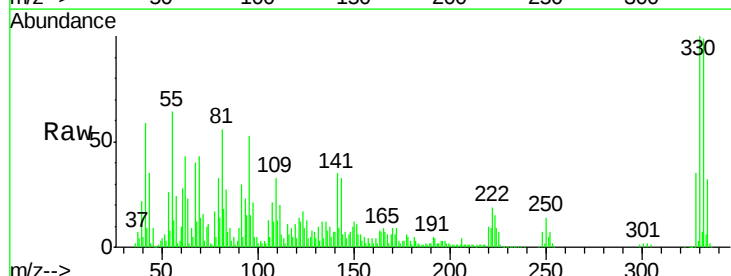


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

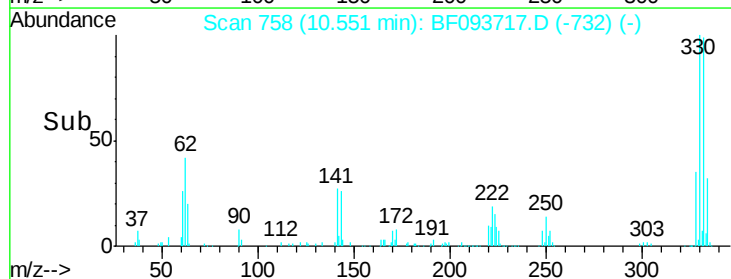
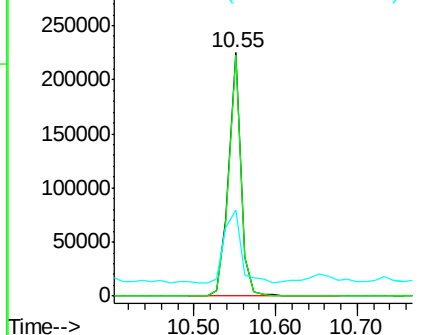


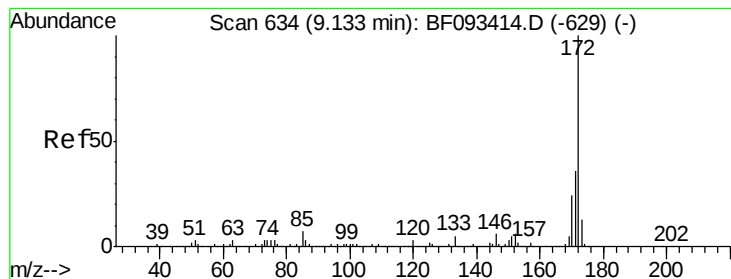
#41
 2,4,6-Tribromophenol
 Concen: 152.54 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093717.D
 Acq: 16 Mar 2017 20:18

Tgt Ion:330 Resp: 237523
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 39.7 34.1 51.1



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: 107.42 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093717.D

Acq: 16 Mar 2017 20:18

Instrument :

BNA_F

ClientSampled :

W-02

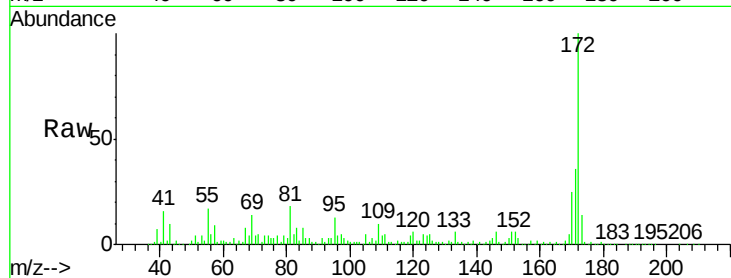
Tot Ion:172 Resp: 1380192

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

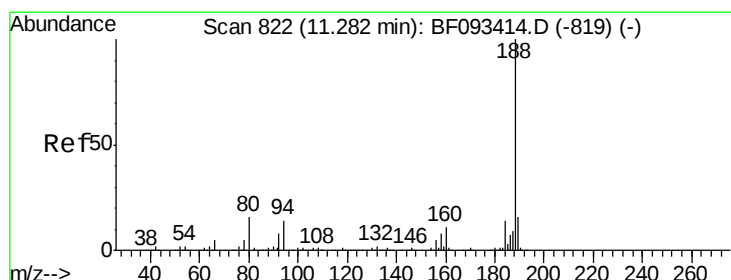
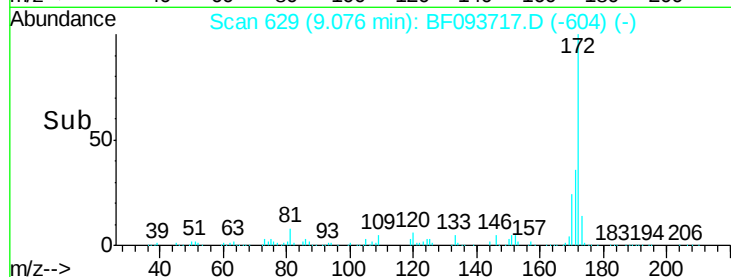
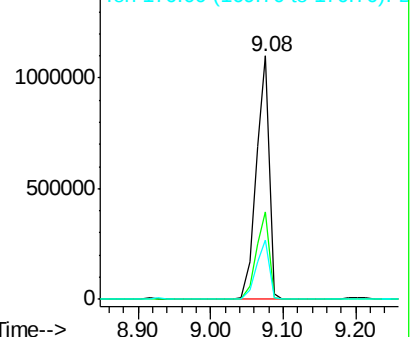
170 24.5 20.2 30.4



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: 11.24 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF093717.D

Acq: 16 Mar 2017 20:18

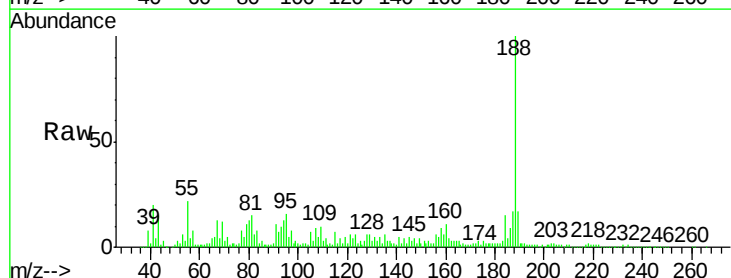
Tgt Ion:188 Resp: 488476

Ion Ratio Lower Upper

188 100

94 13.3 10.0 15.0

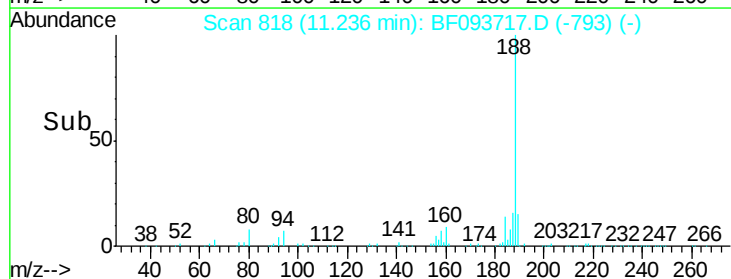
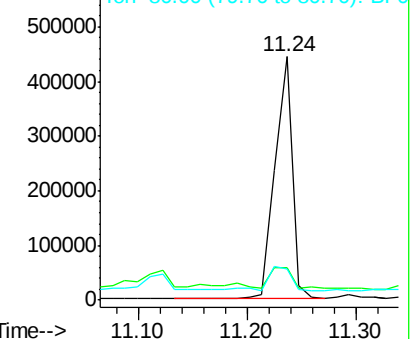
80 12.6 11.2 16.8

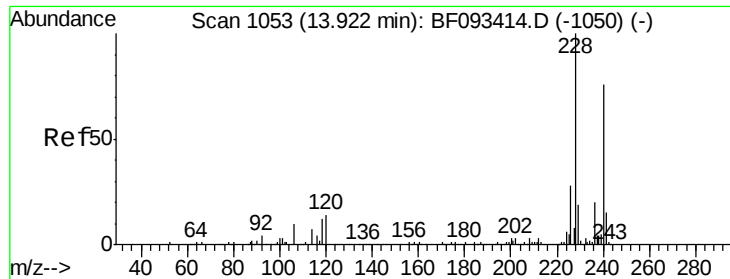


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.87 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF093717.D

Acq: 16 Mar 2017 20:18

Instrument :

BNA_F

ClientSampled :

W-02

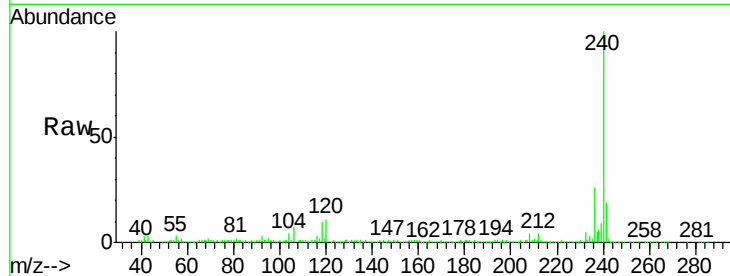
Tot Ion:240 Resp: 360456

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

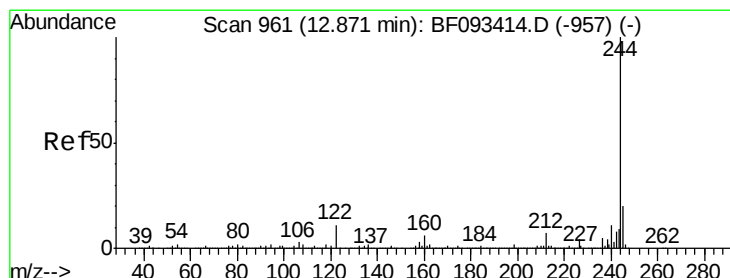
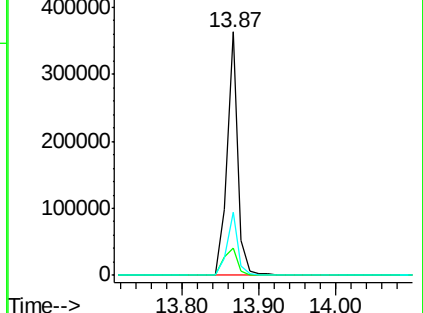
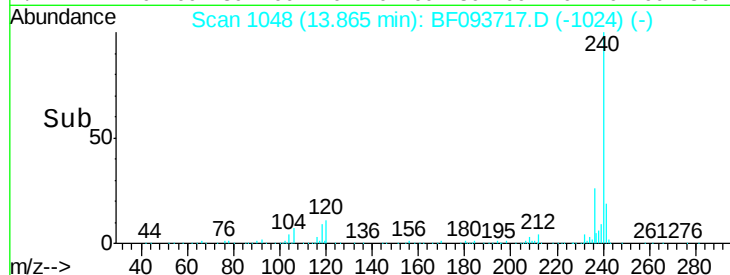
236 25.8 20.9 31.3



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: 78.05 ng

RT: 12.81 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF093717.D

Acq: 16 Mar 2017 20:18

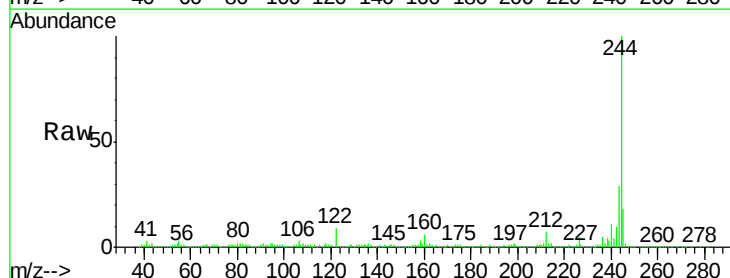
Tgt Ion:244 Resp: 1082096

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

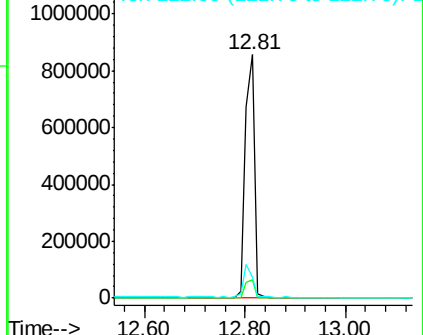
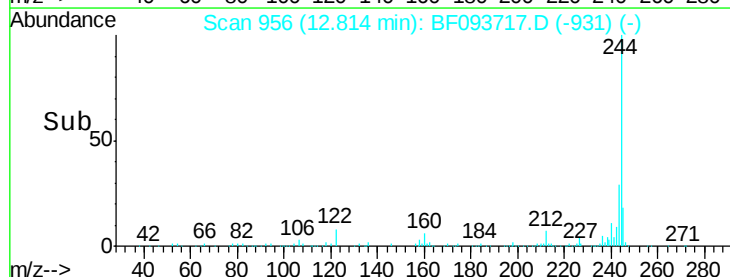
122 8.7 11.4 17.2#

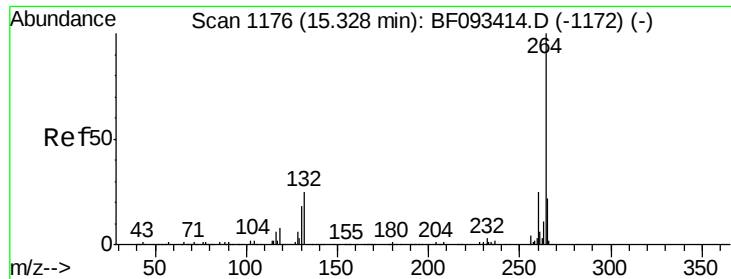


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF093717.D
 Acq: 16 Mar 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.3	17.4	26.0

