

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093580.D
 Acq On : 11 Mar 2017 21:10
 Operator : SJ/MA
 Sample : I2221-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB424

Quant Time: Mar 13 16:46:34 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

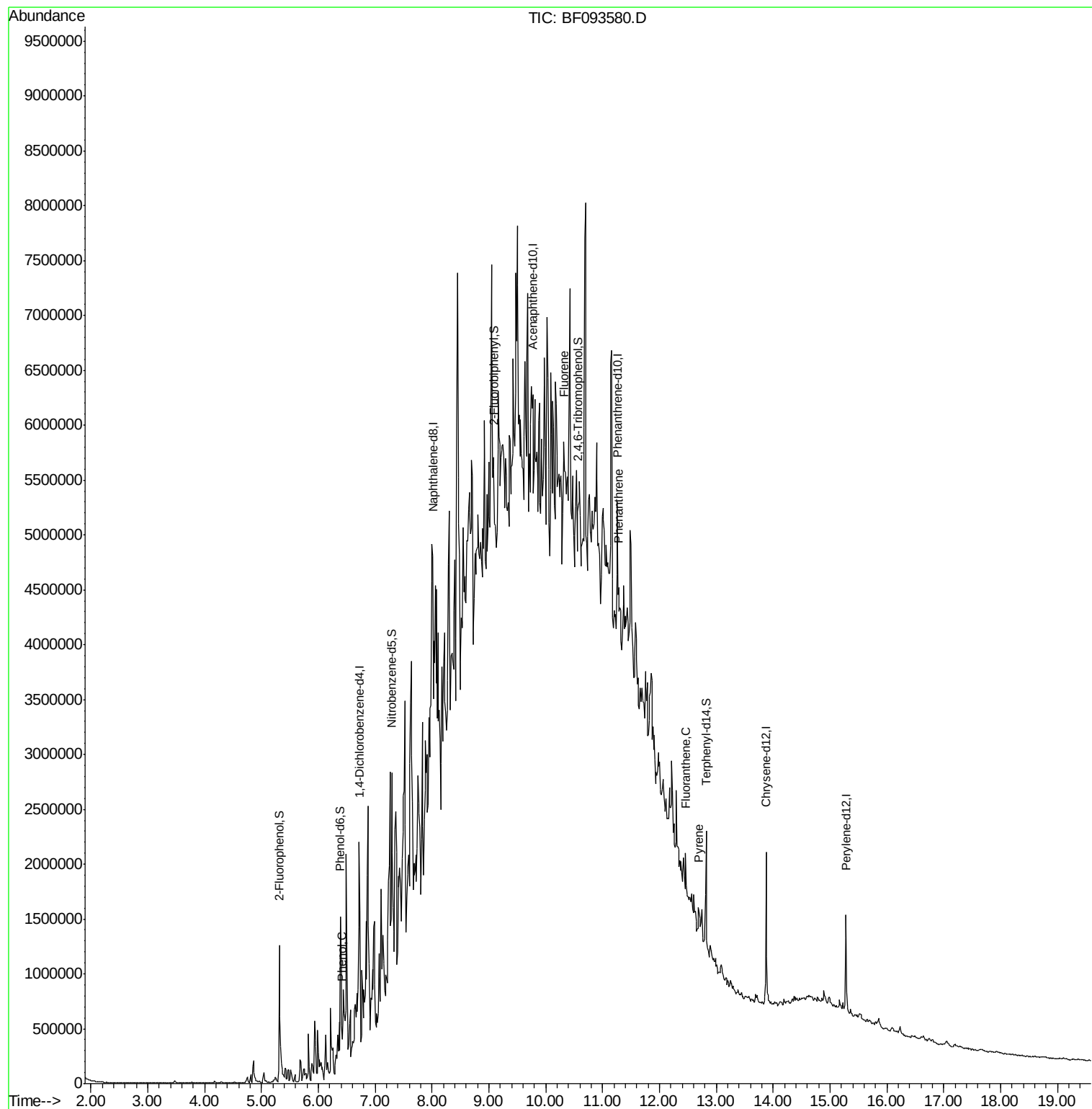
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	267042	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	849879	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	311360	20.00	ng	0.01
63) Phenanthrene-d10	11.26	188	516350	20.00	ng	0.01
75) Chrysene-d12	13.88	240	496242	20.00	ng	-0.01
86) Perylene-d12	15.28	264	457479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	513613	32.01	ng	0.00
7) Phenol-d6	6.39	99	695667	34.38	ng	0.01
23) Nitrobenzene-d5	7.29	82	420956	27.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	65394	32.24	ng	0.02
44) 2-Fluorobiphenyl	9.09	172	513448	30.67	ng	0.00
78) Terphenyl-d14	12.83	244	376654	19.73	ng	0.00
Target Compounds						
10) Phenol	6.41	94	51566	2.08	ng	94
57) Fluorene	10.32	166	90961	5.07	ng	# 72
70) Phenanthrene	11.28	178	202860	6.88	ng	# 83
74) Fluoranthene	12.46	202	87817	3.08	ng	94
77) Pyrene	12.69	202	102426	2.84	ng	97

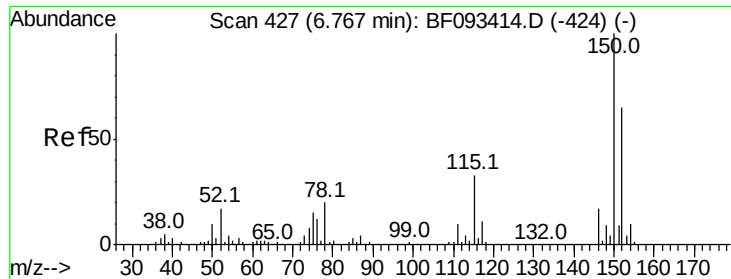
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HY-SB424

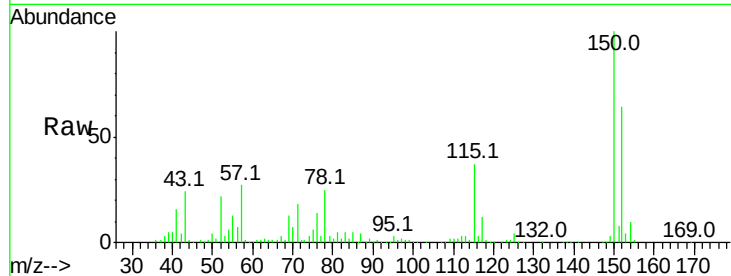
Tot Ion:152 Resp: 267042

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

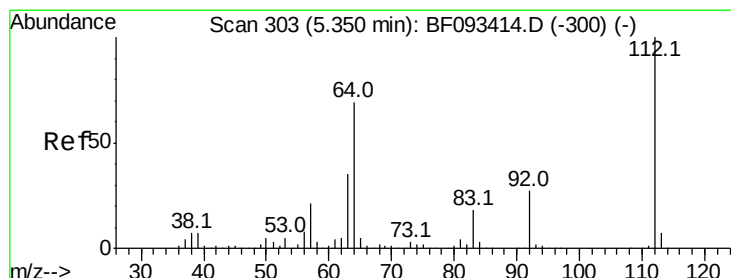
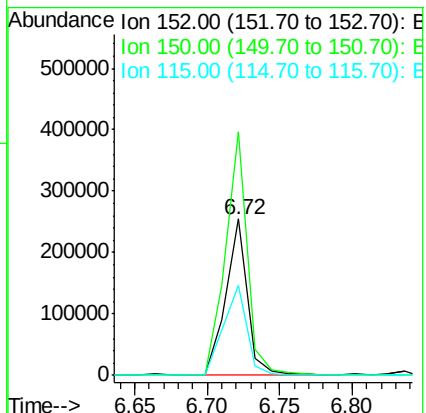
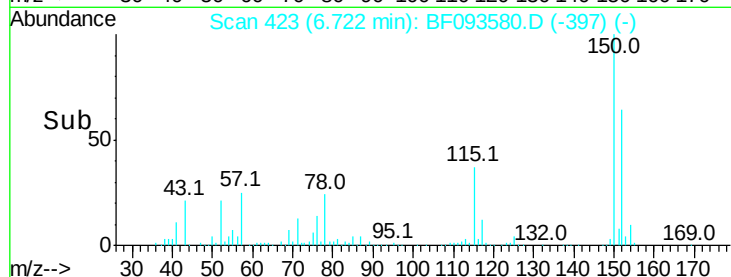
115 57.2 46.0 69.0



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: 32.01 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

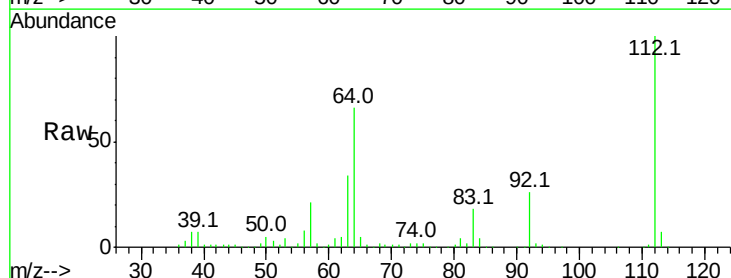
Tgt Ion:112 Resp: 513613

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

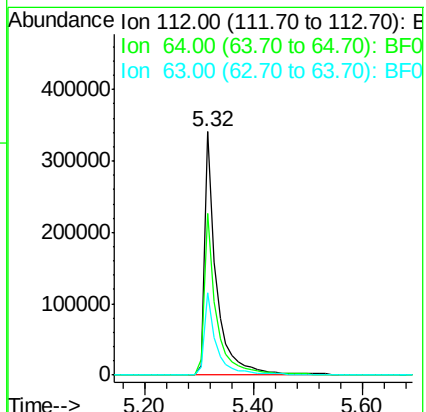
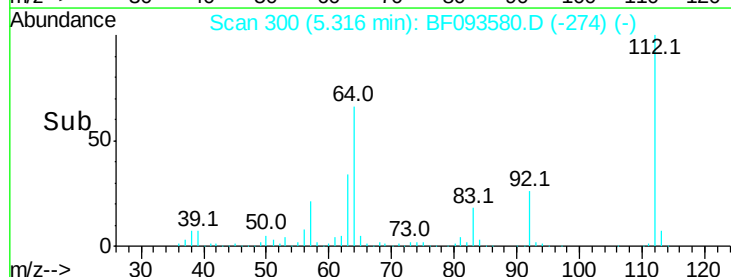
63 33.9 23.8 35.6

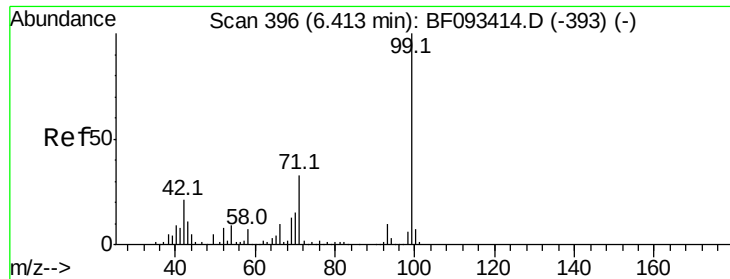


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.38 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HY-SB424

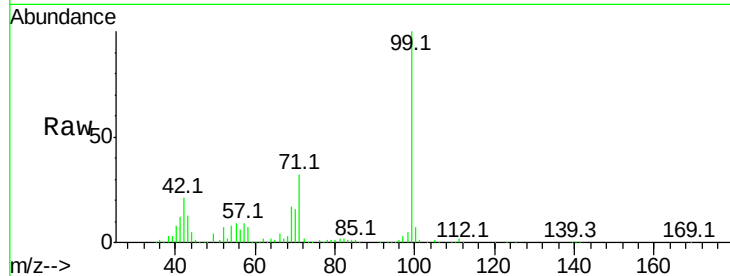
Tot Ion: 99 Resp: 695667

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

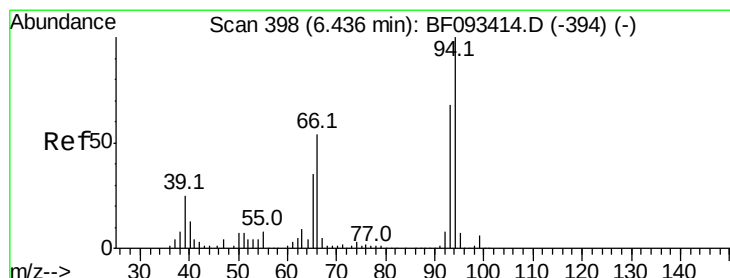
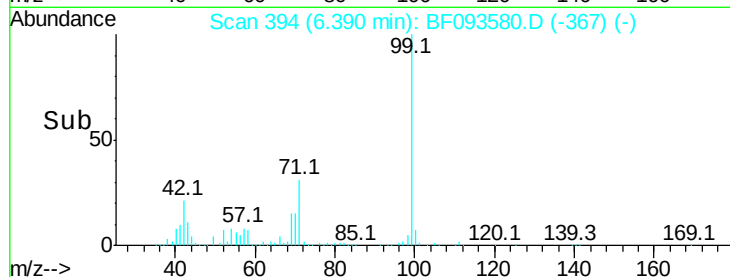
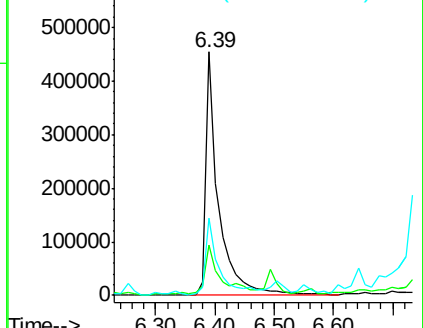
71 31.7 27.5 41.3



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



#10

Phenol

Concen: 2.08 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

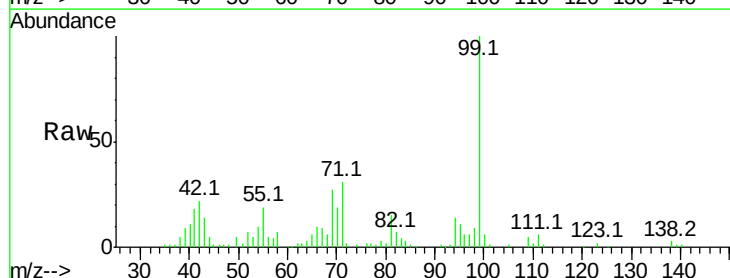
Tgt Ion: 94 Resp: 51566

Ion Ratio Lower Upper

94 100

65 39.8 21.4 61.4

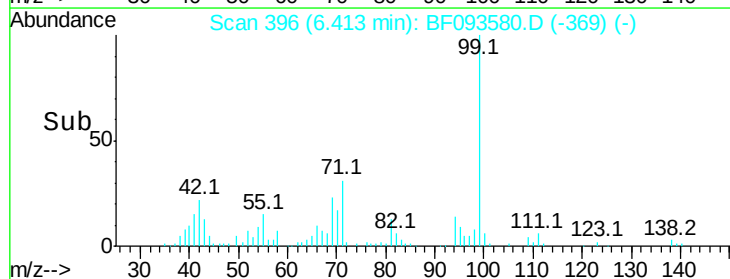
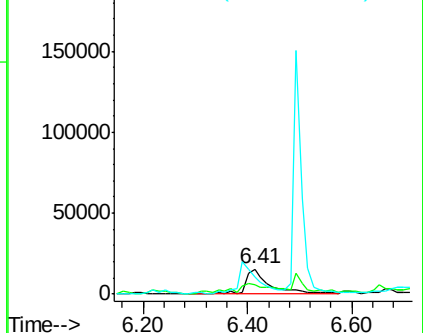
66 69.9 44.0 84.0

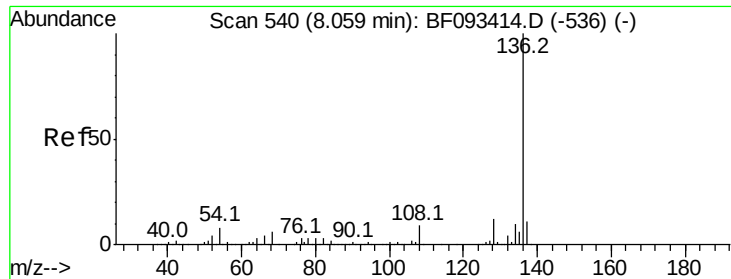


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HY-SB424

Tot Ion:136 Resp: 849879

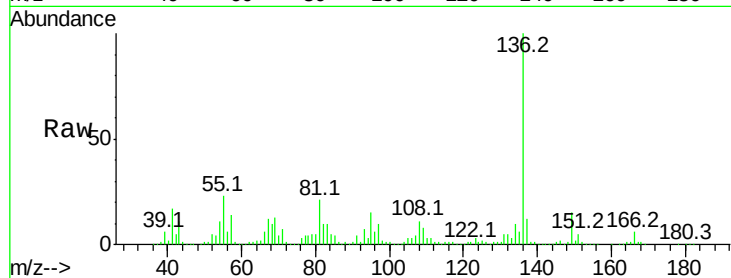
Ion Ratio Lower Upper

136 100

137 12.3 8.4 12.6

54 11.0 4.5 6.7#

68 9.6 3.6 5.4#

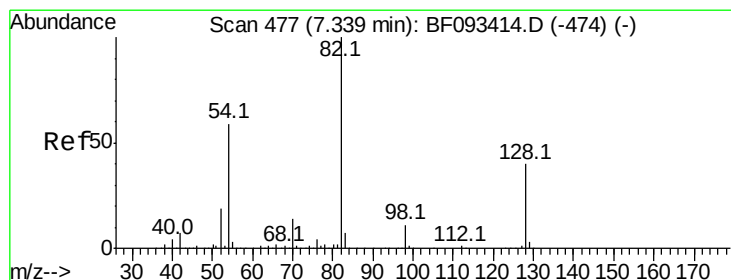
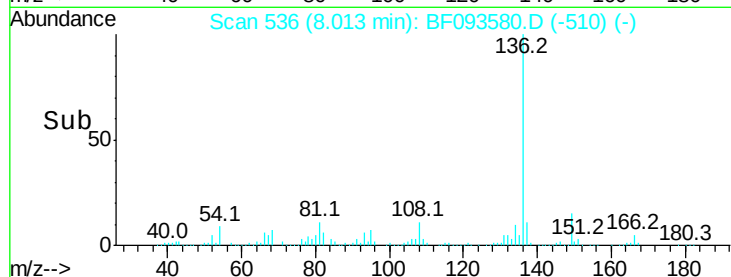
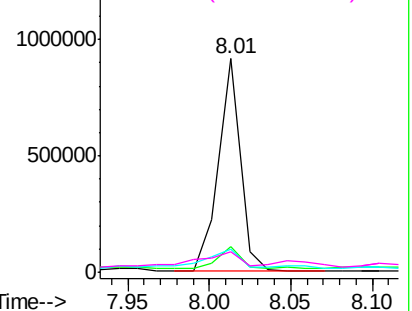


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.48 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

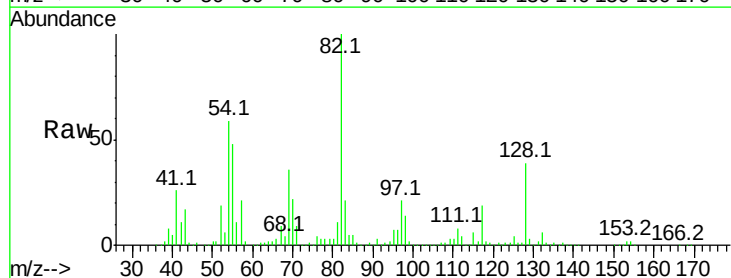
Tgt Ion: 82 Resp: 420956

Ion Ratio Lower Upper

82 100

128 38.6 34.6 52.0

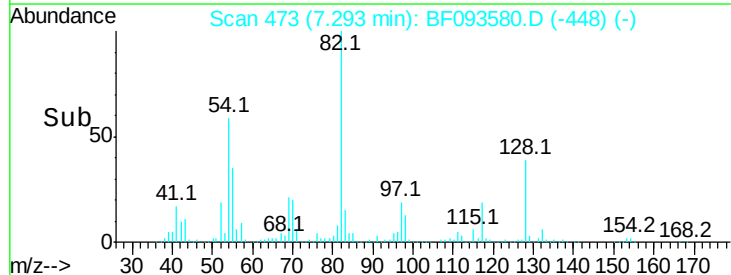
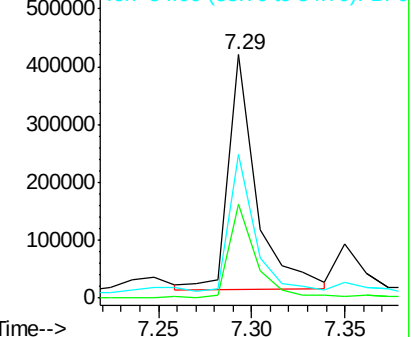
54 59.1 39.5 59.3

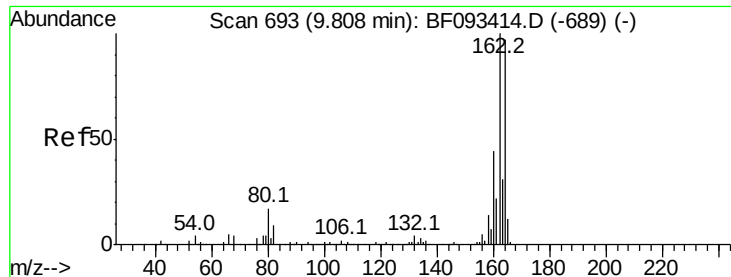


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

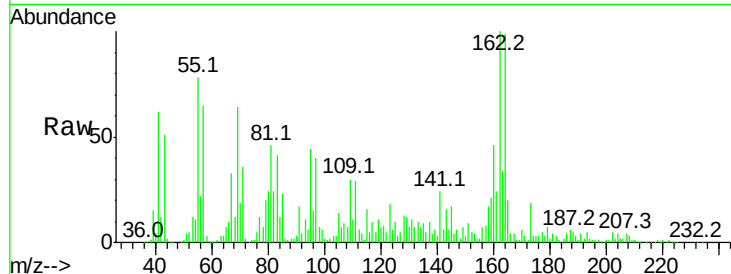




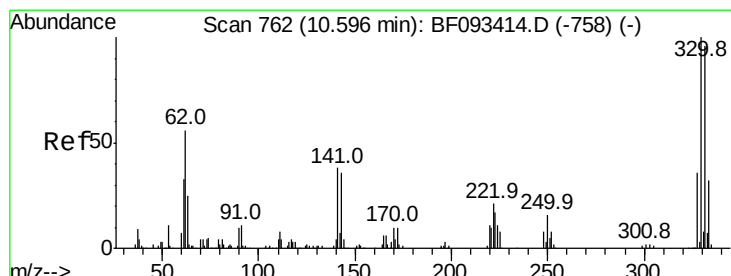
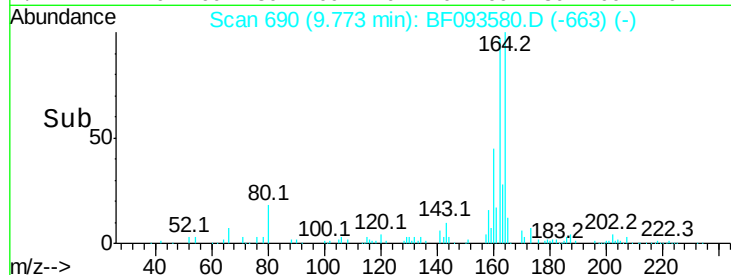
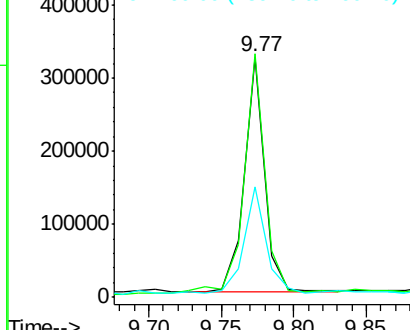
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF093580.D
Acq: 11 Mar 2017 21:10

Instrument :
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Tot Ion:164 Resp: 311360
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 46.2 36.9 55.3

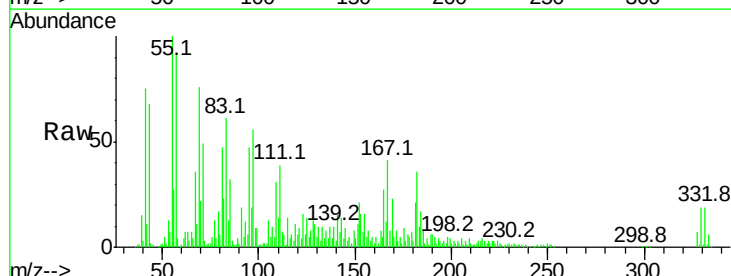


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

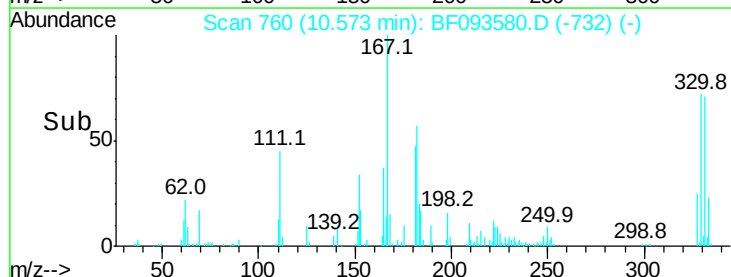
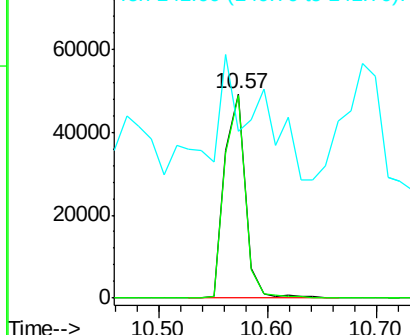


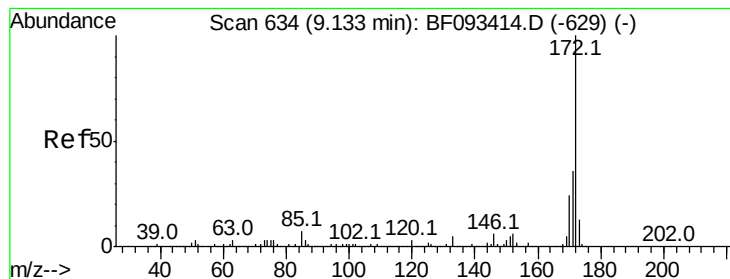
#41
2,4,6-Tribromophenol
Concen: 32.24 ng
RT: 10.57 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF093580.D
Acq: 11 Mar 2017 21:10

Tgt Ion:330 Resp: 65394
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.2
141 78.9 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: 30.67 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HY-SB424

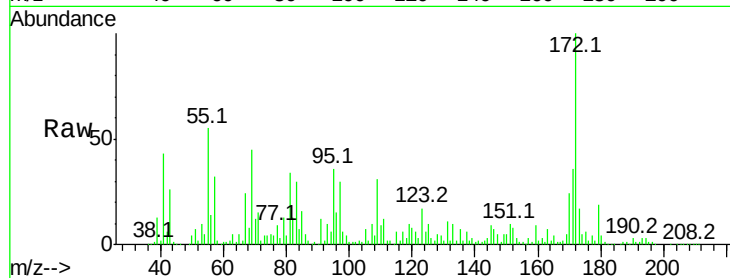
Tot Ion:172 Resp: 513448

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

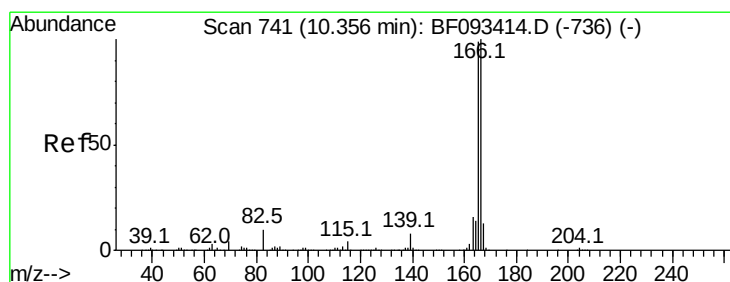
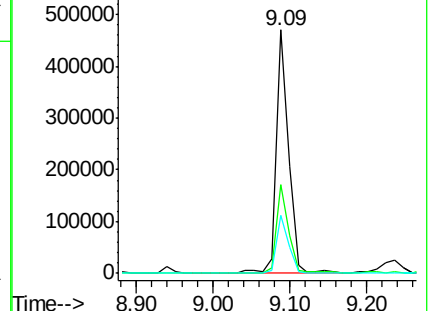
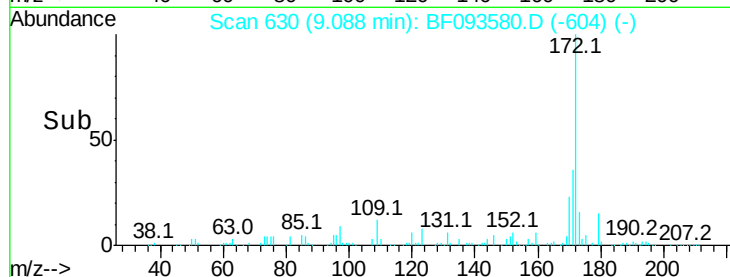
170 23.6 20.2 30.4



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



#57

Fluorene

Concen: 5.07 ng

RT: 10.32 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

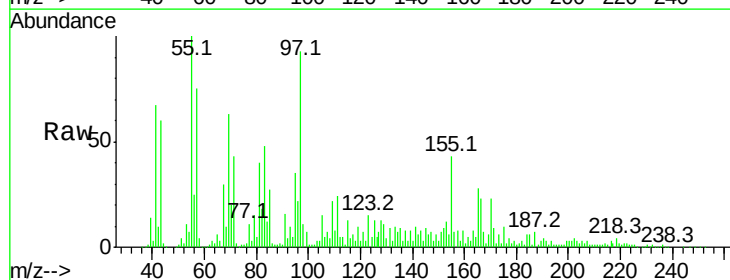
Tgt Ion:166 Resp: 90961

Ion Ratio Lower Upper

166 100

165 121.9 77.8 116.8#

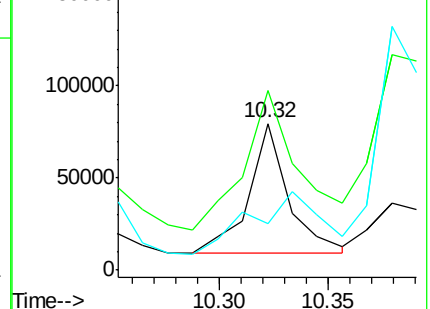
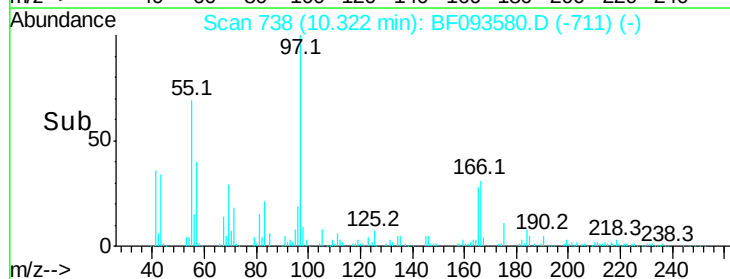
167 32.1 10.8 16.2#

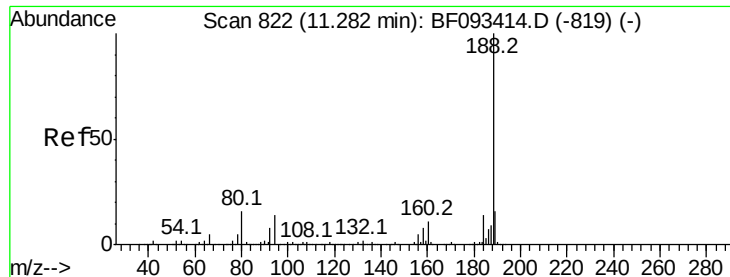


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HY-SB424

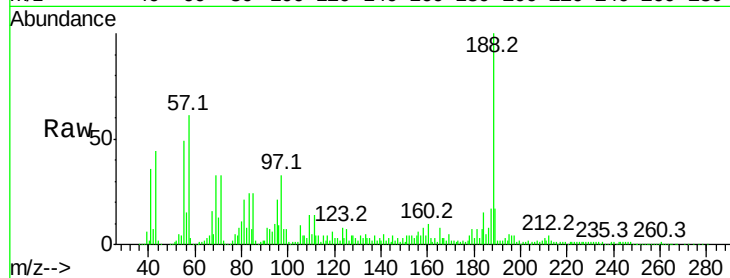
Tot Ion:188 Resp: 516350

Ion Ratio Lower Upper

188 100

94 10.4 10.0 15.0

80 11.1 11.2 16.8#

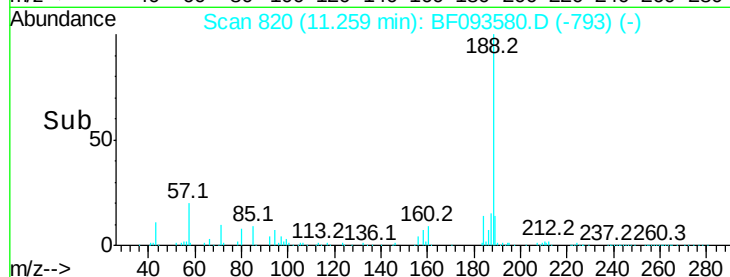


Abundance Ion 188.00 (187.70 to 188.70): E

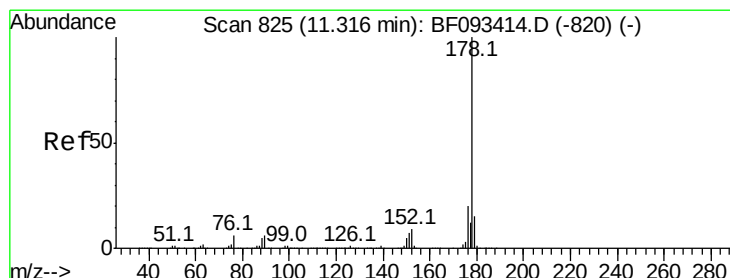
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.15 11.20 11.25 11.30



Time--> 11.15 11.20 11.25 11.30



#70

Phenanthrene

Concen: 6.88 ng

RT: 11.28 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

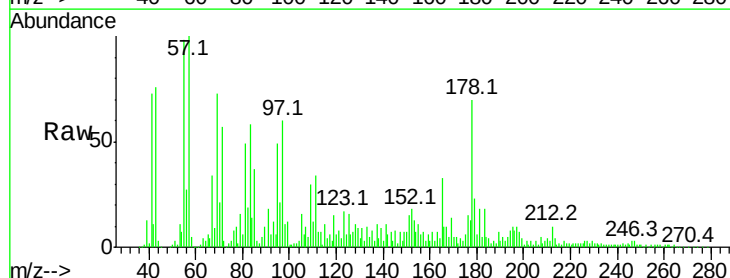
Tgt Ion:178 Resp: 202860

Ion Ratio Lower Upper

178 100

176 21.5 16.6 25.0

179 32.1 12.8 19.2#

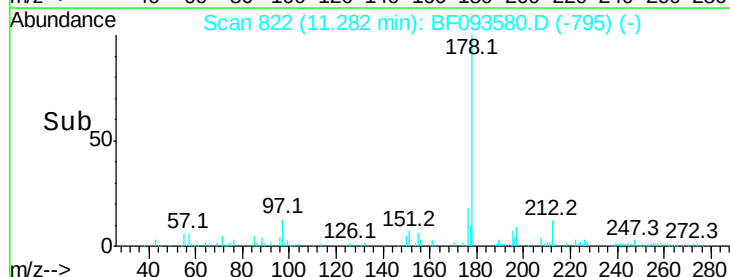


Abundance Ion 178.00 (177.70 to 178.70): E

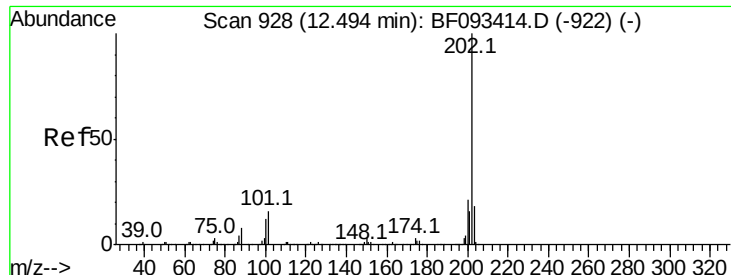
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time--> 11.20 11.25 11.30 11.35



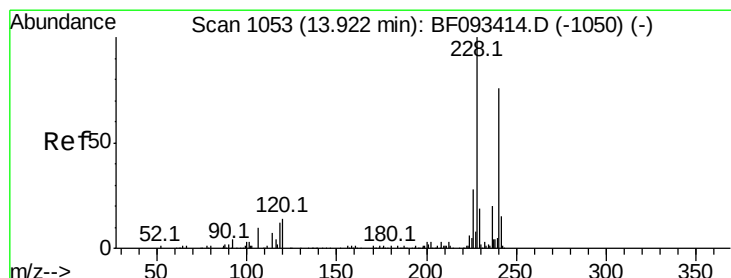
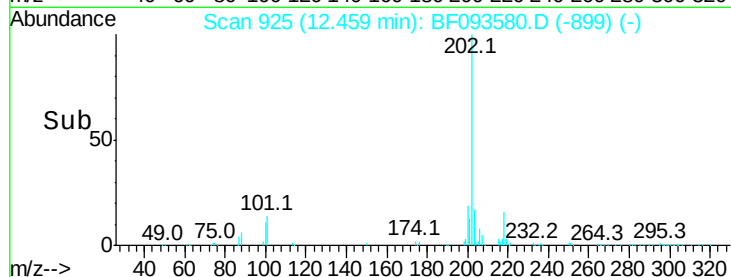
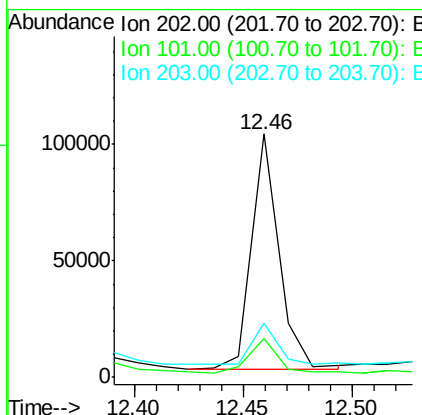
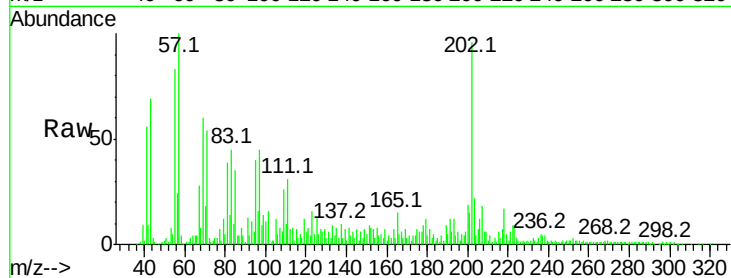
Time--> 11.20 11.25 11.30 11.35



#74
Fluoranthene
Concen: 3.08 ng
RT: 12.46 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF093580.D
Acq: 11 Mar 2017 21:10

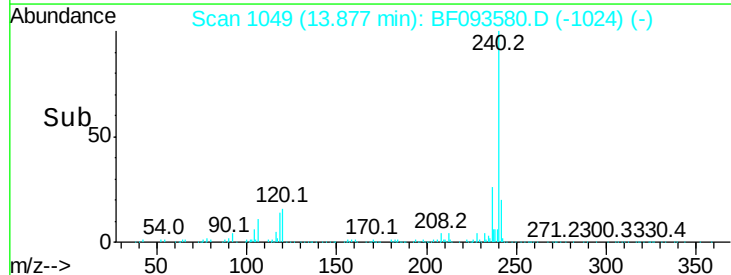
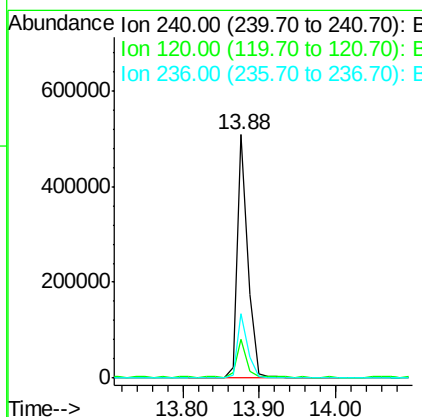
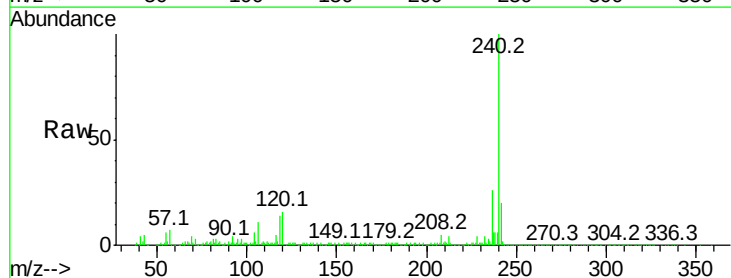
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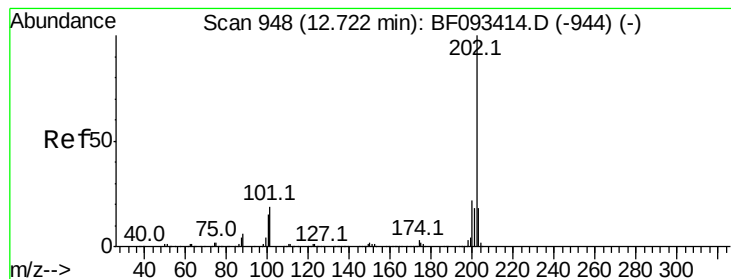
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	34.6
203	22.4	0.0	38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF093580.D
Acq: 11 Mar 2017 21:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.2	12.9	19.3
236	26.3	20.9	31.3





#77

Pvrene

Concen: 2.84 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

Instrument :

BNA_F

ClientSampleId :

HY-SB424

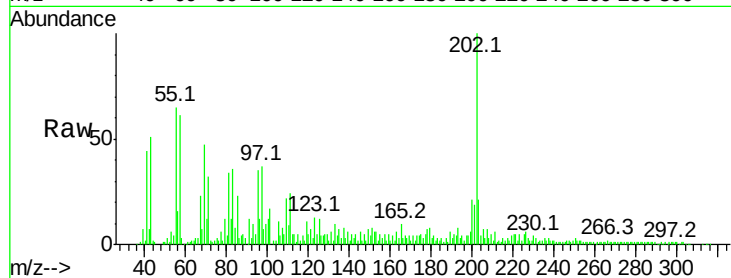
Tot Ion:202 Resp: 102426

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

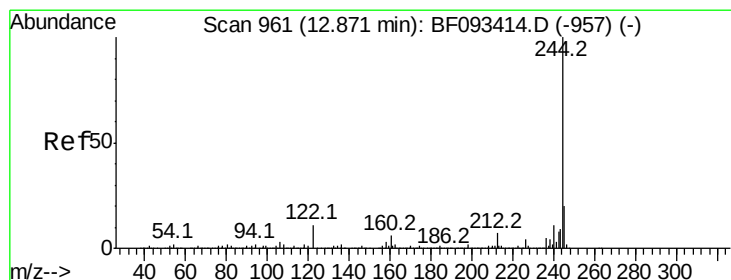
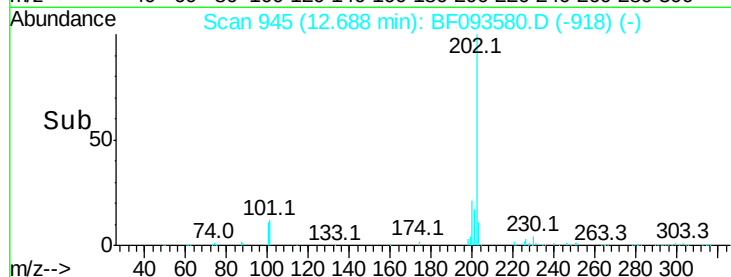
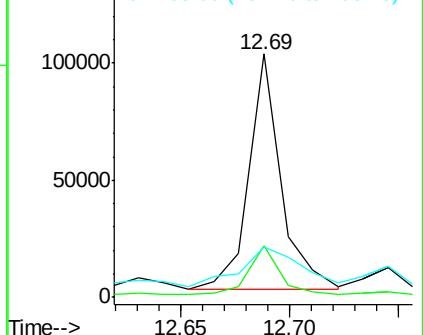
203 20.8 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 19.73 ng

RT: 12.83 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093580.D

Acq: 11 Mar 2017 21:10

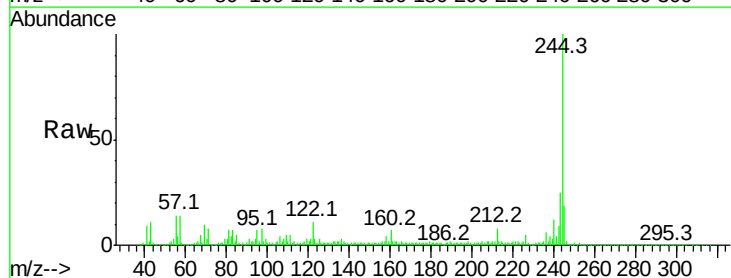
Tgt Ion:244 Resp: 376654

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

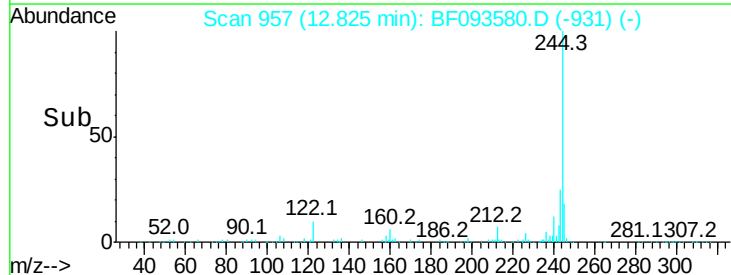
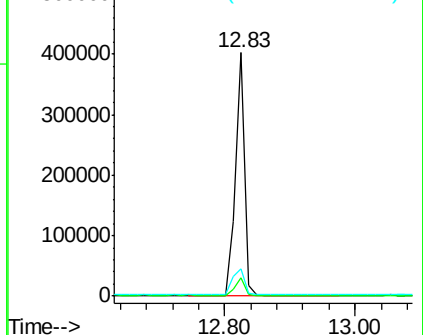
122 11.3 11.4 17.2#

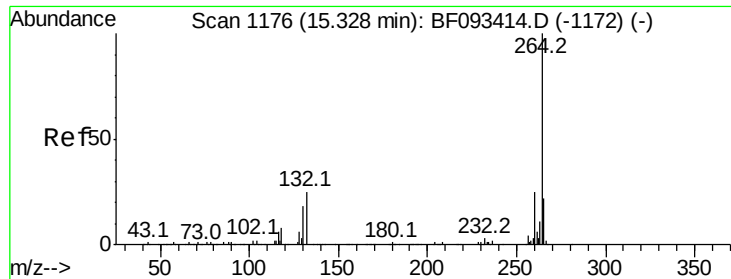


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

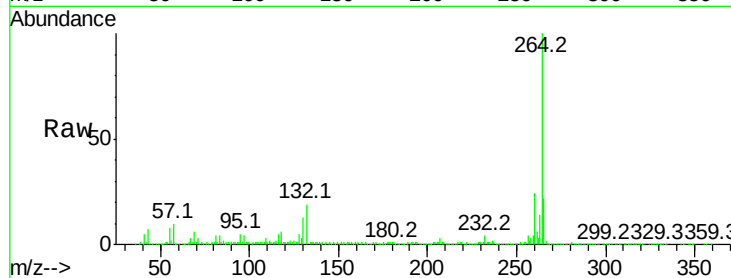




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF093580.D
Acq: 11 Mar 2017 21:10

Instrument :
BNA_F
ClientSampleId :
HY-SB424

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.4	26.0



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

