

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020093.D
 Acq On : 01 May 2019 16:50
 Operator : JU/SJ
 Sample : K2624-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-BLOCK-B

Quant Time: May 02 01:30:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

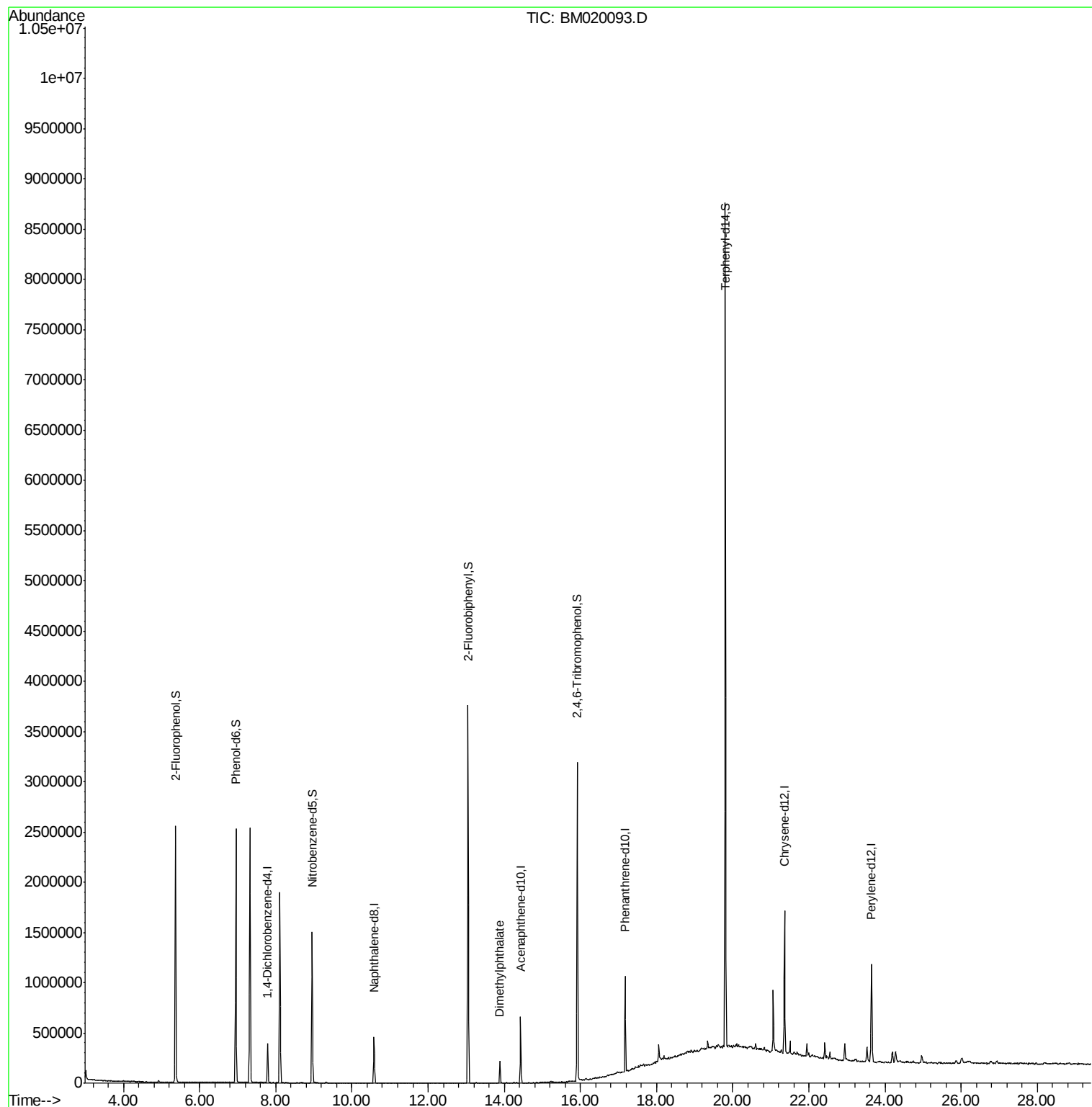
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	92302	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	328263	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	201947	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	517760	20.00	ng	0.00
76) Chrysene-d12	21.36	240	620462	20.00	ng	0.00
87) Perylene-d12	23.64	264	717661	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	869931	154.06	ng	0.00
7) Phenol-d6	6.95	99	1229855	159.43	ng	0.00
23) Nitrobenzene-d5	8.96	82	892738	107.37	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	523272	166.93	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1782025	108.57	ng	0.00
79) Terphenyl-d14	19.80	244	3723761	104.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.89	163	119037	6.935	ng	Qvalue 99

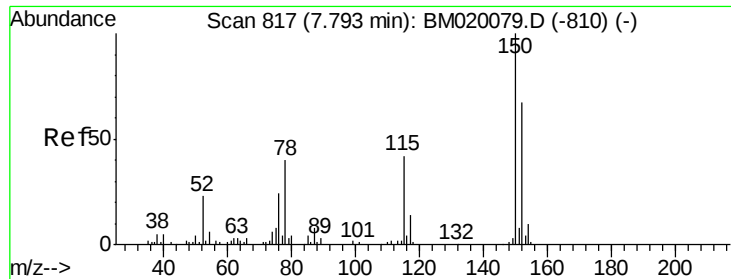
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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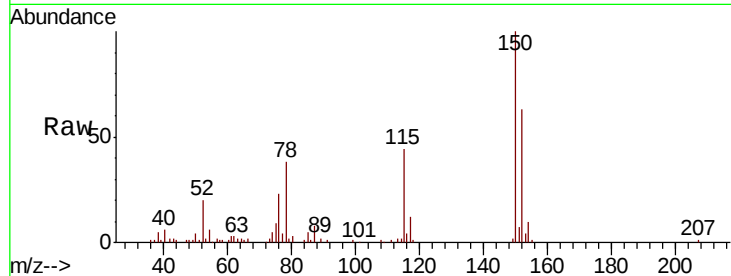


#1

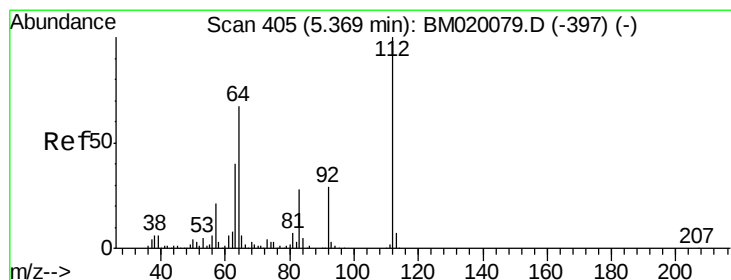
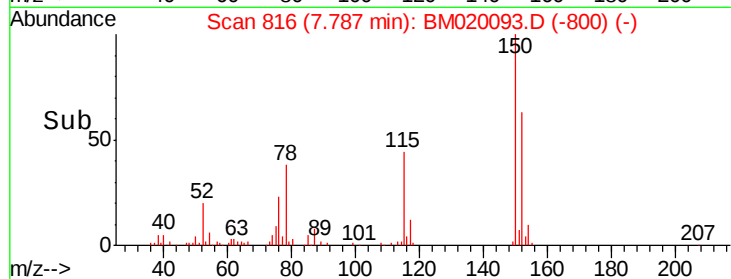
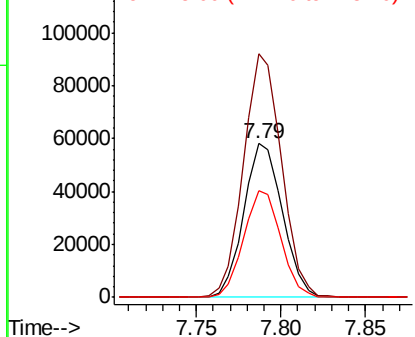
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020093.D
Acq: 01 May 2019 16:50

Instrument :
BNA_M
ClientSampleId :
CONCRETE-BLOCK-B

Tot Ion:152 Resp: 92302
Ion Ratio Lower Upper
152 100
150 158.3 119.8 179.8
115 69.4 50.8 76.2



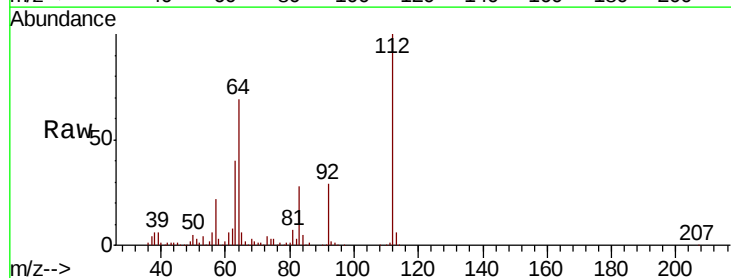
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



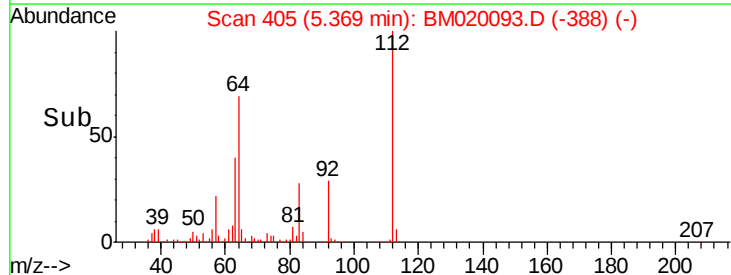
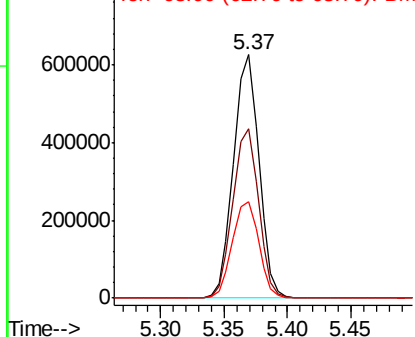
#5

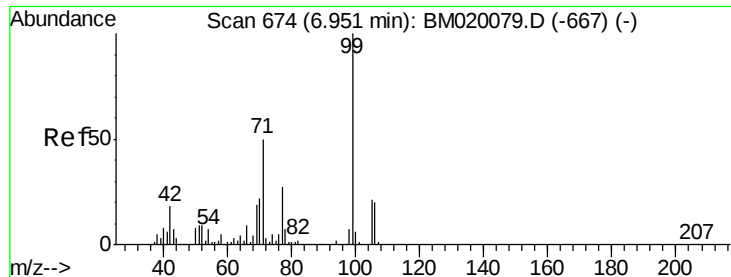
2-Fluorophenol
Concen: 154.058 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM020093.D
Acq: 01 May 2019 16:50

Tgt Ion:112 Resp: 869931
Ion Ratio Lower Upper
112 100
64 69.3 53.8 80.6
63 39.8 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 159.425 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

CONCRETE-BLOCK-B

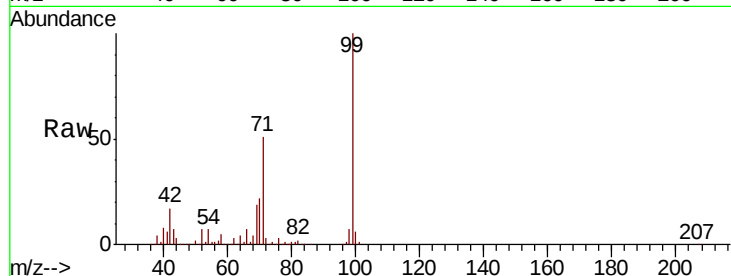
Tot Ion: 99 Resp: 1229855

Ion Ratio Lower Upper

99 100

42 17.0 14.2 21.2

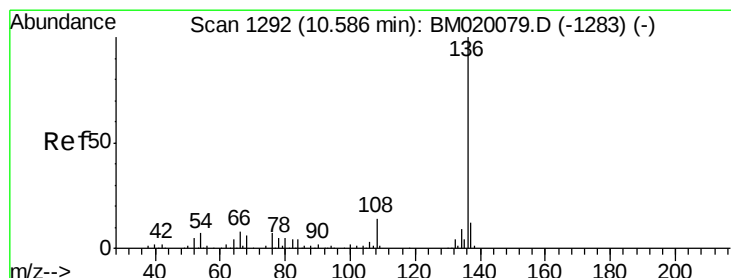
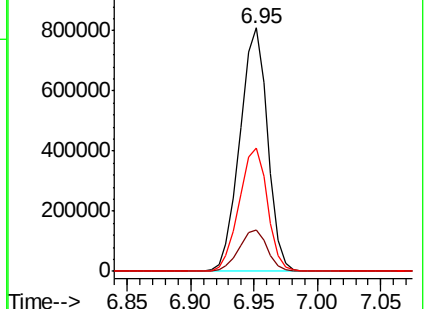
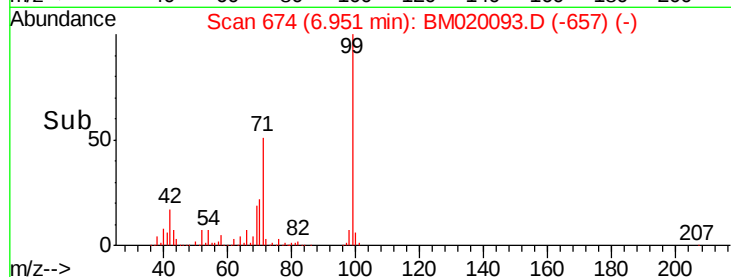
71 50.6 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Tgt Ion: 136 Resp: 328263

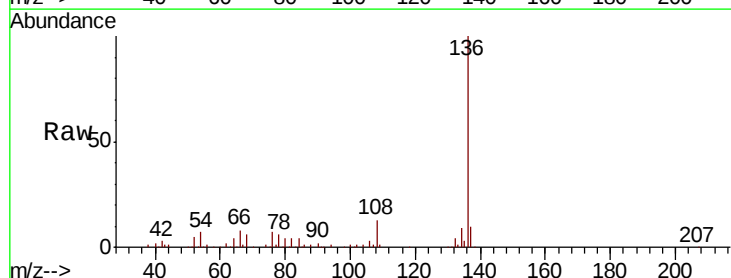
Ion Ratio Lower Upper

136 100

137 10.2 9.6 14.4

54 6.8 5.5 8.3

68 5.9 4.6 6.8

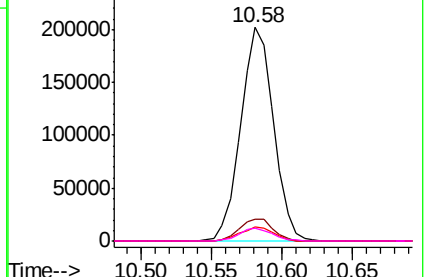
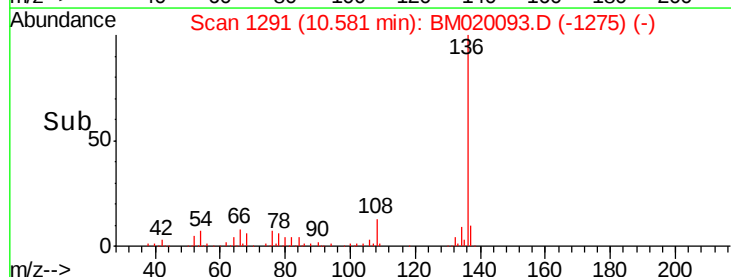


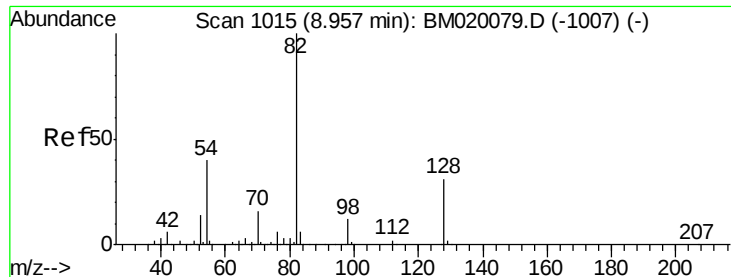
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)





#23

Nitrobenzene-d5

Concen: 107.369 ng

RT: 8.96 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

CONCRETE-BLOCK-B

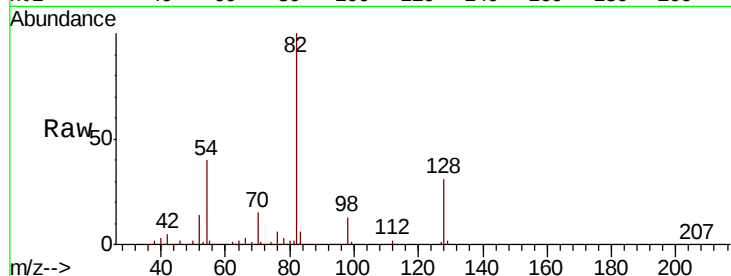
Tot Ion: 82 Resp: 892738

Ion Ratio Lower Upper

82 100

128 31.4 25.2 37.8

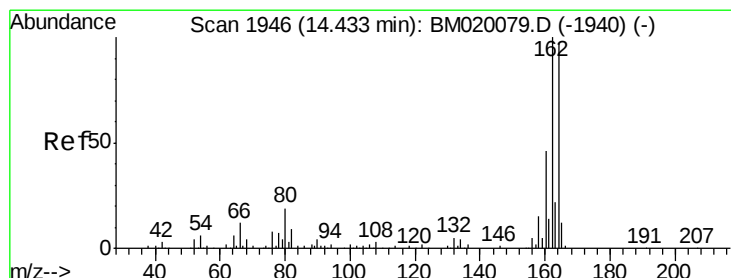
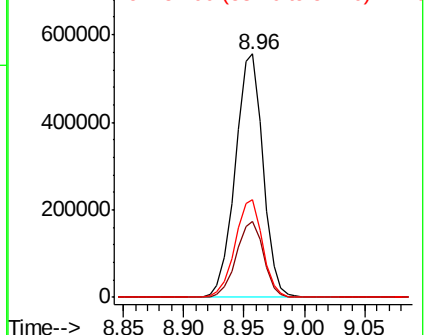
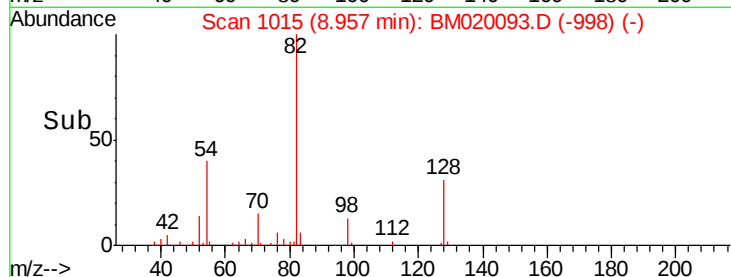
54 39.9 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020093.D (-998) (-)

Ion 128.00 (127.70 to 128.70): BM020093.D (-998) (-)

Ion 54.00 (53.70 to 54.70): BM020093.D (-998) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

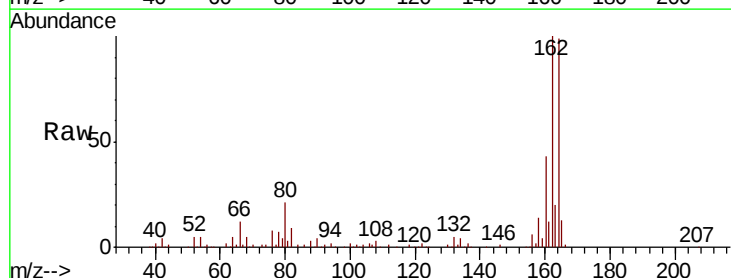
Tgt Ion: 164 Resp: 201947

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

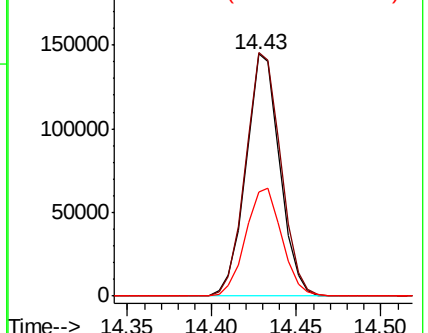
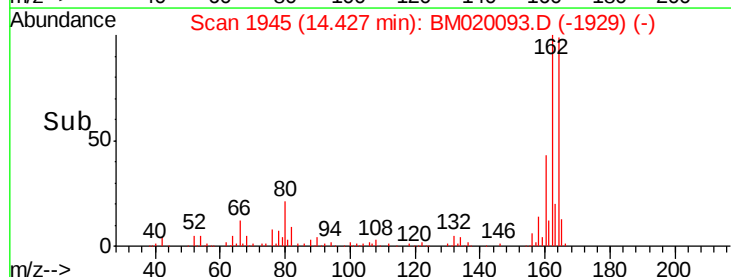
160 42.9 37.6 56.4

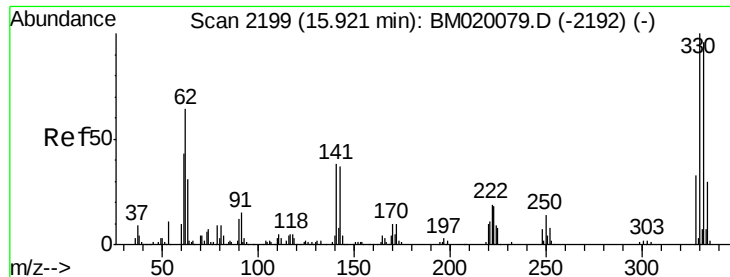


Abundance Ion 164.00 (163.70 to 164.70): BM020093.D (-1929) (-)

Ion 162.00 (161.70 to 162.70): BM020093.D (-1929) (-)

Ion 160.00 (159.70 to 160.70): BM020093.D (-1929) (-)

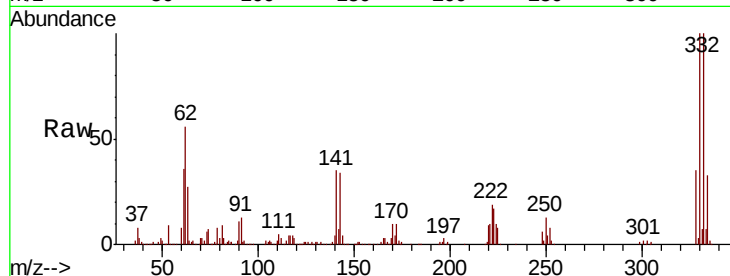




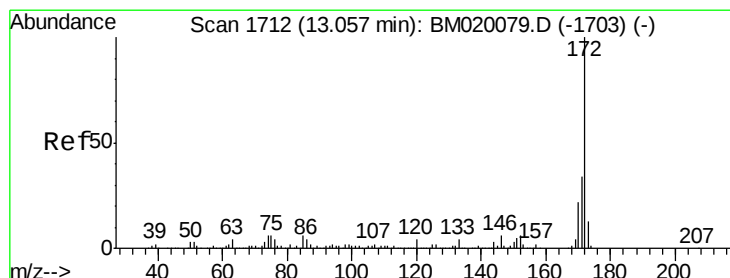
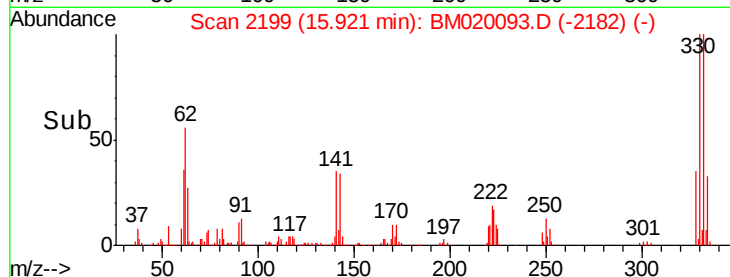
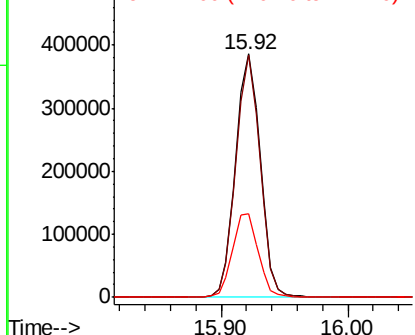
#42
 2,4,6-Tribromophenol
 Concen: 166.934 ng
 RT: 15.92 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-BLOCK-B

Tot Ion:330 Resp: 523272
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.8 115.2
 141 35.7 29.2 43.8

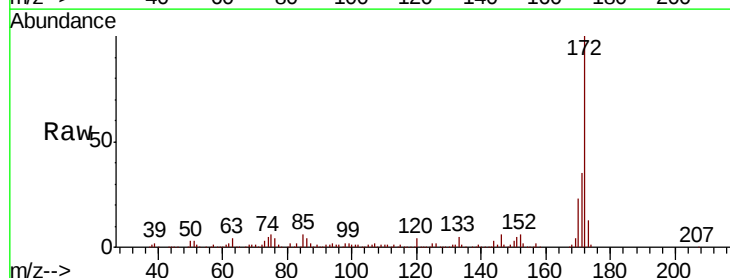


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

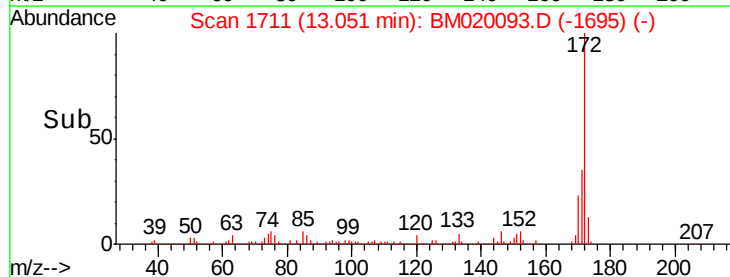
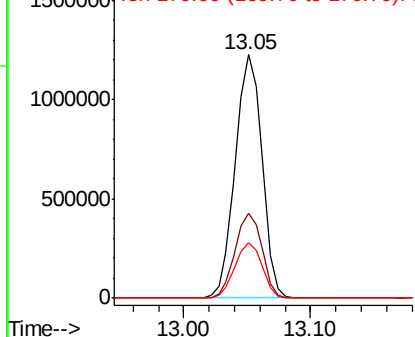


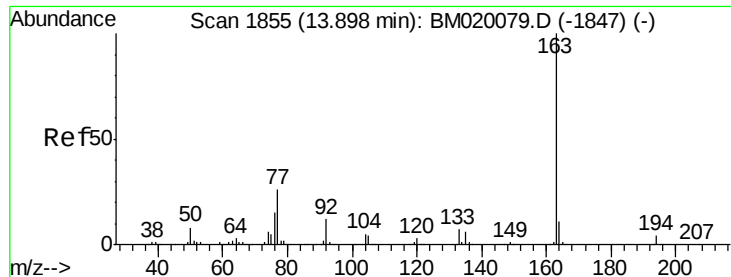
#45
 2-Fluorobiphenyl
 Concen: 108.570 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020093.D
 Acq: 01 May 2019 16:50

Tgt Ion:172 Resp: 1782025
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.3 40.9
 170 22.7 17.9 26.9



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





#50

Dimethylphthalate

Concen: 6.935 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

Instrument :

BNA_M

ClientSampleId :

CONCRETE-BLOCK-B

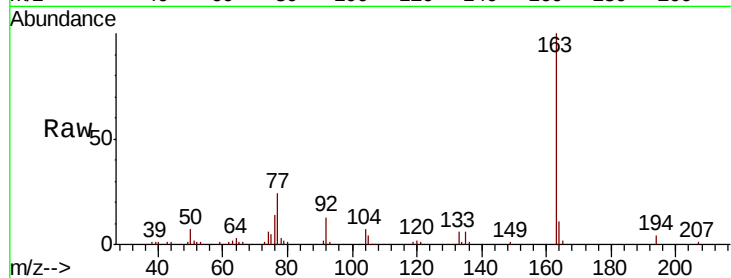
Tot Ion:163 Resp: 119037

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

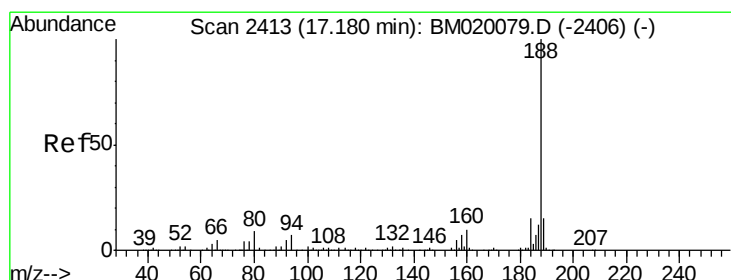
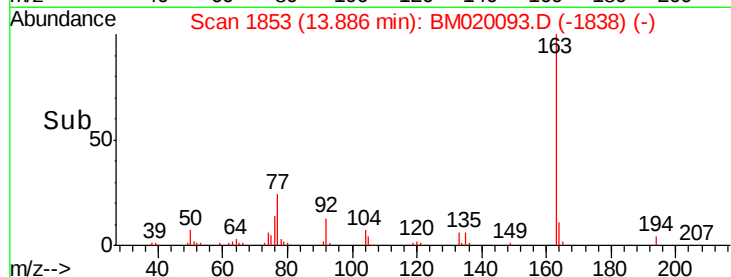
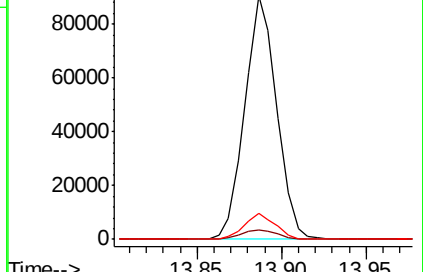
164 10.6 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020093.D

Acq: 01 May 2019 16:50

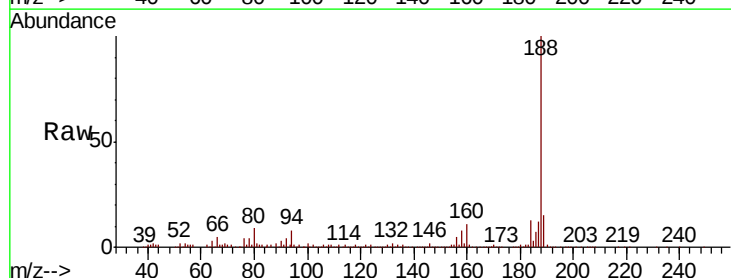
Tgt Ion:188 Resp: 517760

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

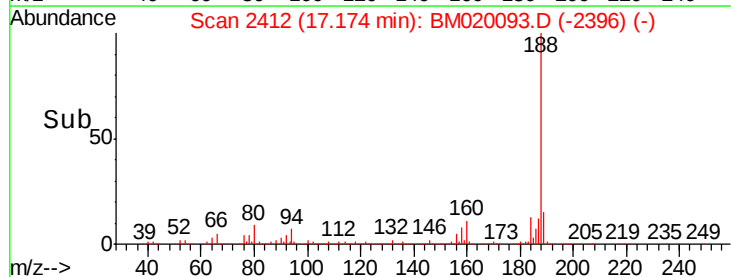
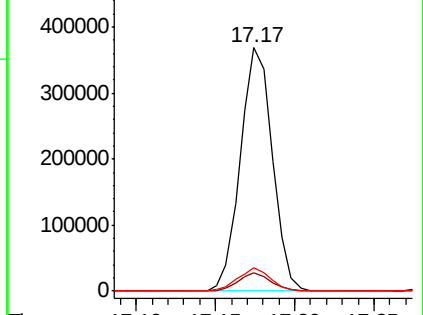
80 9.5 7.4 11.2

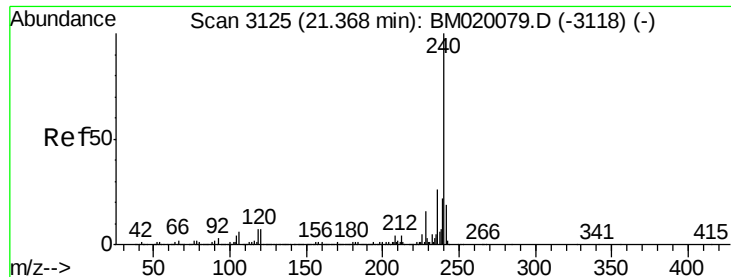


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

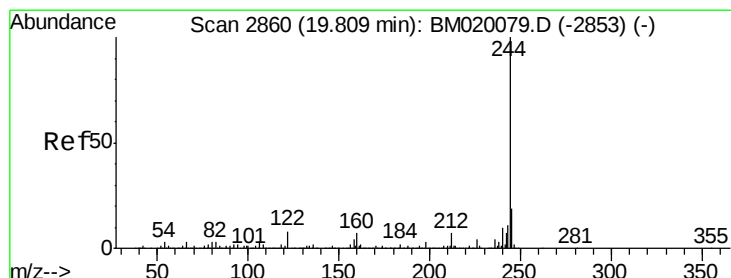
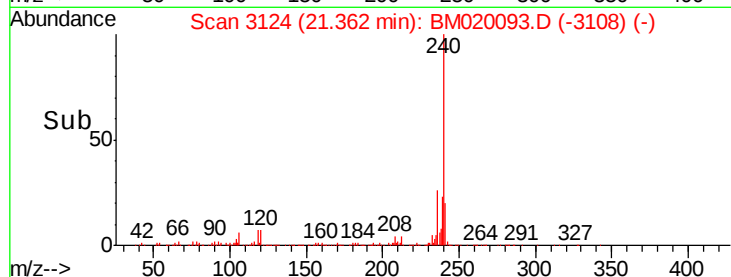
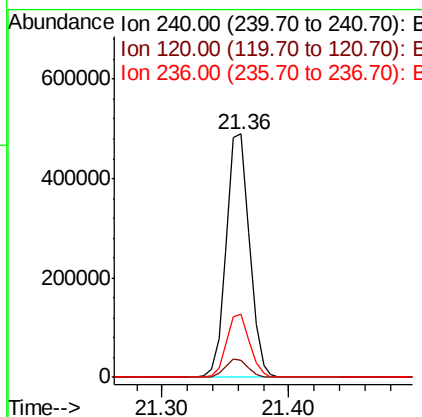
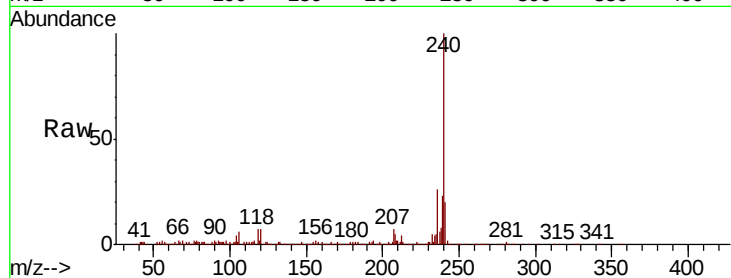




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM020093.D
Acq: 01 May 2019 16:50

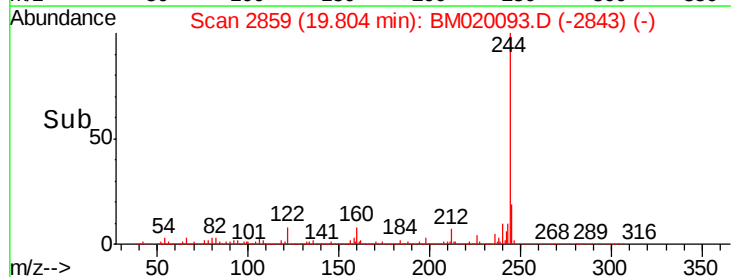
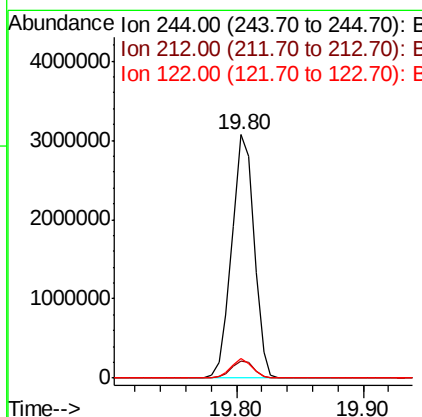
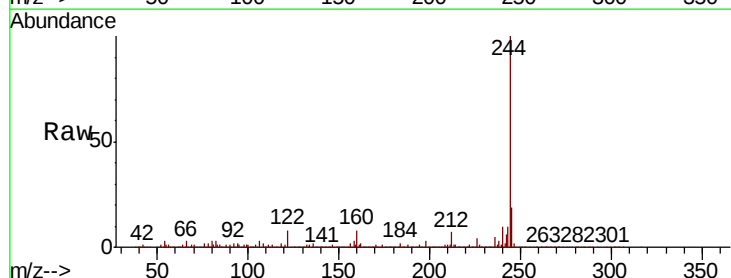
Instrument :
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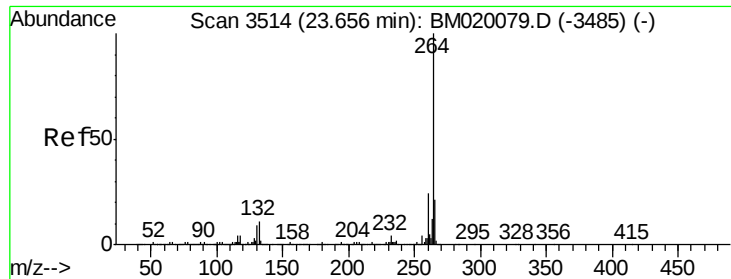
Tot Ion:240 Resp: 620462
Ion Ratio Lower Upper
240 100
120 6.9 5.6 8.4
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 104.681 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020093.D
Acq: 01 May 2019 16:50

Tgt Ion:244 Resp: 3723761
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 7.8 6.2 9.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020093.D
Acq: 01 May 2019 16:50

Instrument :
BNA_M
ClientSampleId :
CONCRETE-BLOCK-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	22.3	16.9	25.3

