

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
 Data File : BM020141.D
 Acq On : 06 May 2019 18:25
 Operator : JU/SJ
 Sample : K2635-06RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 AU-05-050219-C

Quant Time: May 07 03:31:56 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

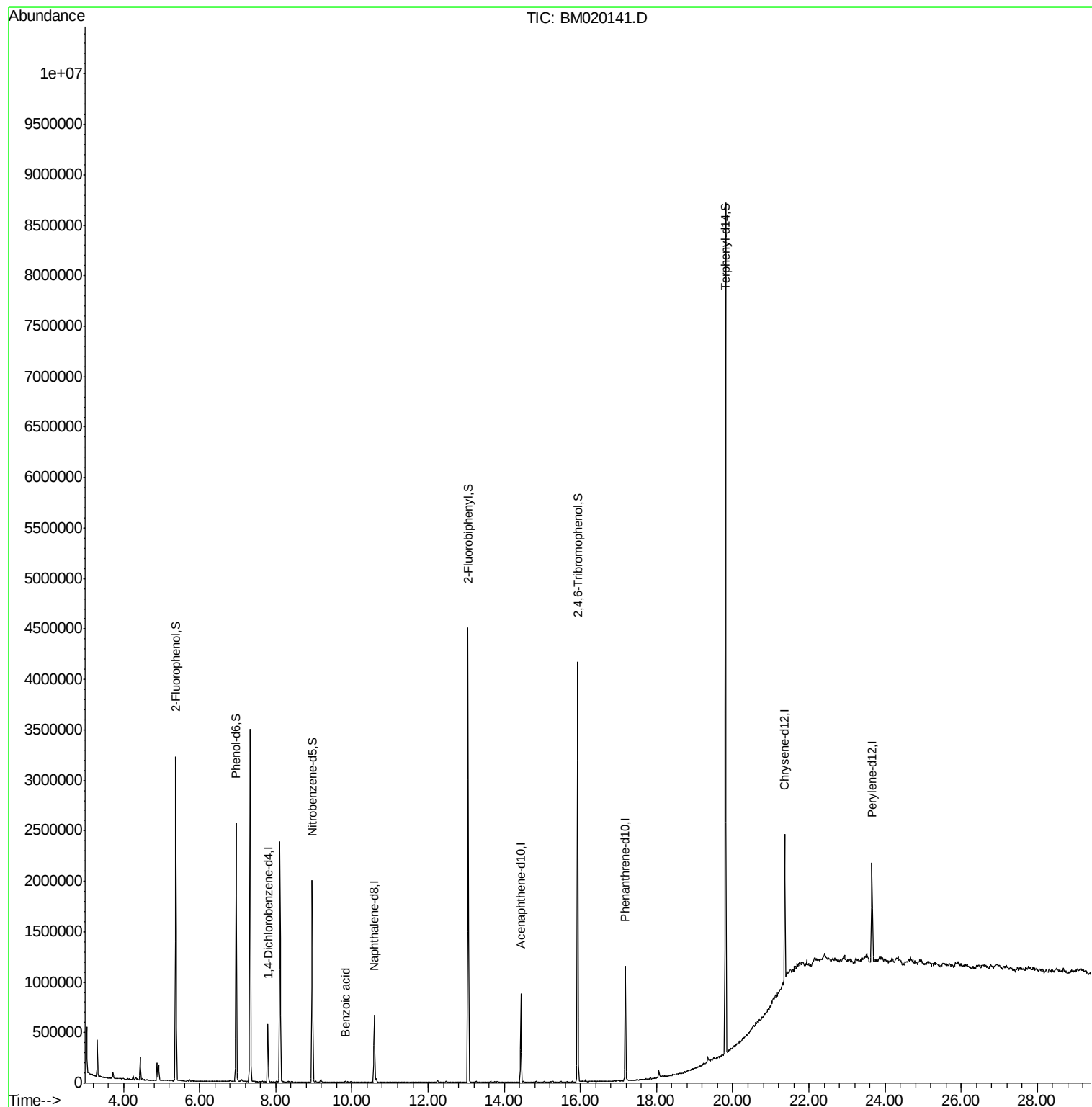
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	135595	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	485169	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	283915	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	635819	20.00	ng	0.00
76) Chrysene-d12	21.37	240	621225	20.00	ng	0.00
87) Perylene-d12	23.66	264	744050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1146148	138.17	ng	0.00
7) Phenol-d6	6.96	99	1370436	120.93	ng	0.01
23) Nitrobenzene-d5	8.96	82	1237830	100.73	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	714699	162.18	ng	0.00
45) 2-Fluorobiphenyl	13.06	172	2255312	97.74	ng	0.00
79) Terphenyl-d14	19.81	244	3772596	105.92	ng	0.00
Target Compounds						
32) Benzoic acid	9.83	122	2373	7.060	ng	Qvalue # 68

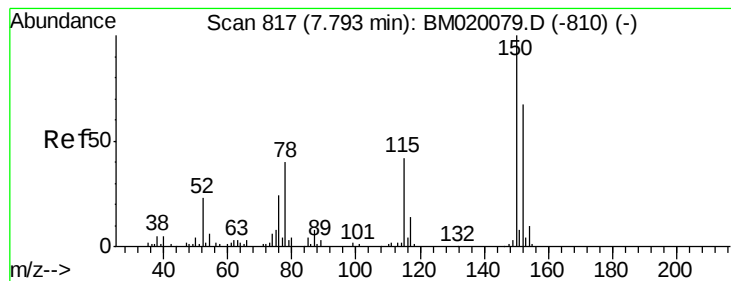
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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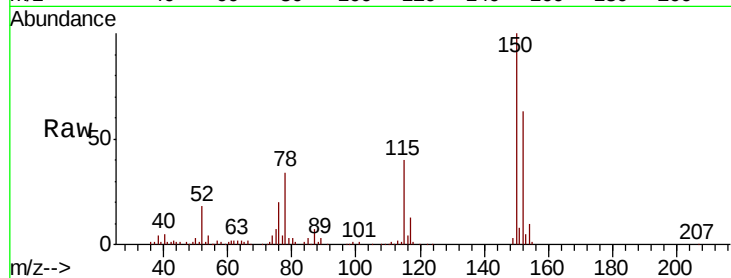


#1

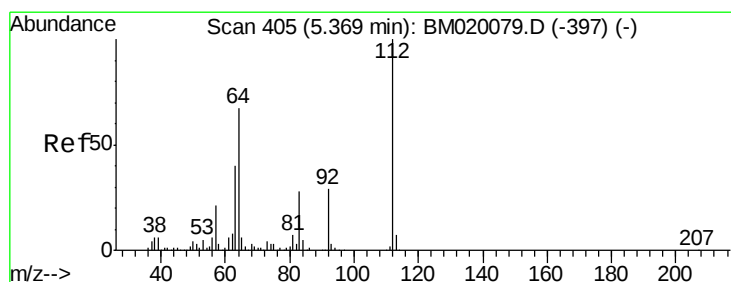
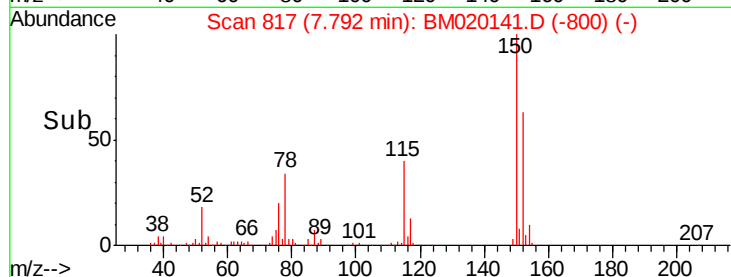
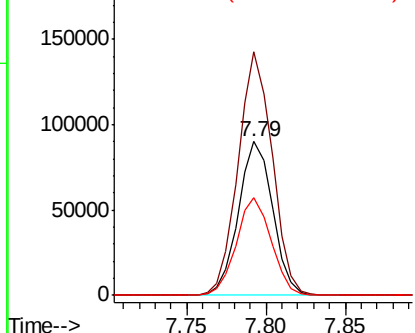
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020141.D
Acq: 06 May 2019 18:25

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-C

Tgt Ion:152 Resp: 135595
Ion Ratio Lower Upper
152 100
150 158.3 119.8 179.8
115 63.6 50.8 76.2



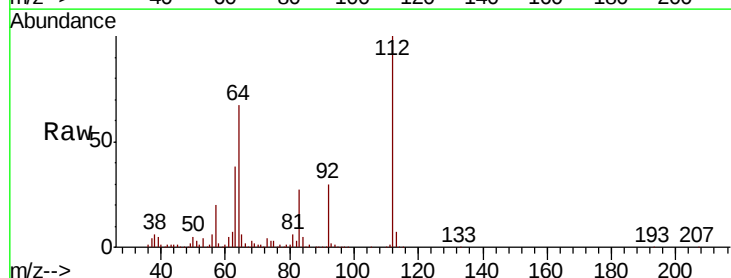
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



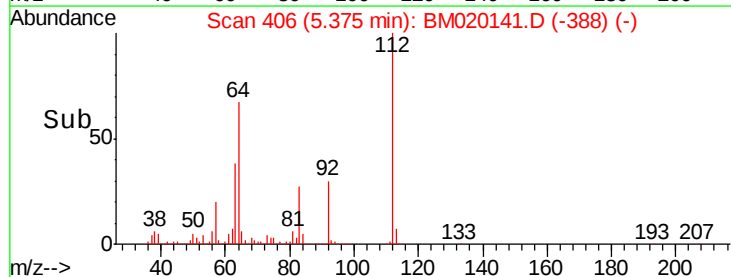
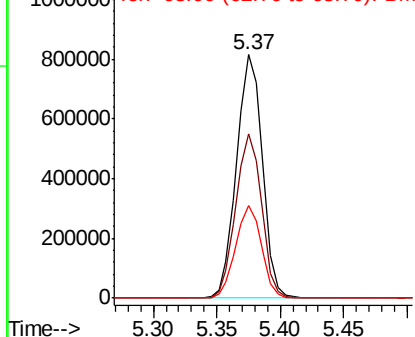
#5

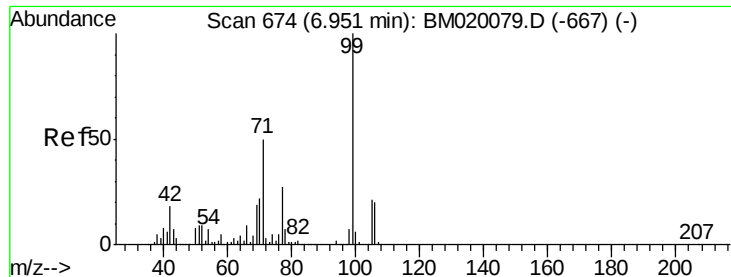
2-Fluorophenol
Concen: 138.168 ng
RT: 5.37 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020141.D
Acq: 06 May 2019 18:25

Tgt Ion:112 Resp: 1146148
Ion Ratio Lower Upper
112 100
64 67.3 53.8 80.6
63 38.2 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: 120.929 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020141.D

Acq: 06 May 2019 18:25

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-C

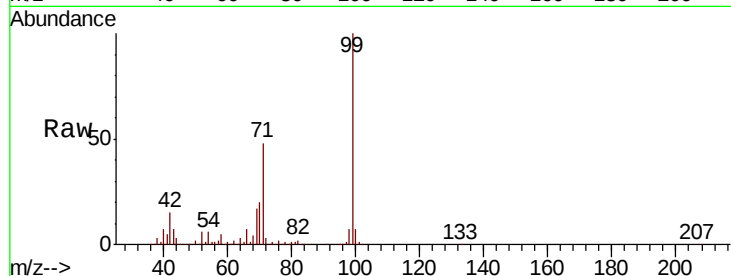
Tgt Ion: 99 Resp: 1370436

Ion Ratio Lower Upper

99 100

42 15.1 14.2 21.2

71 47.7 40.3 60.5

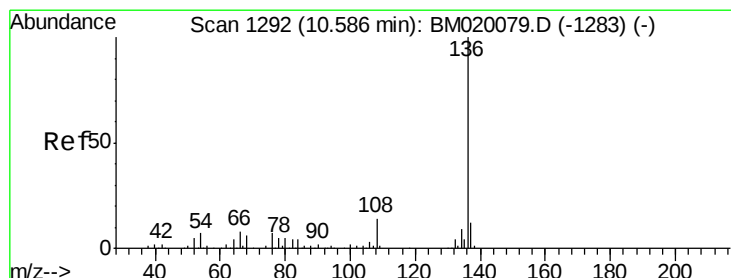
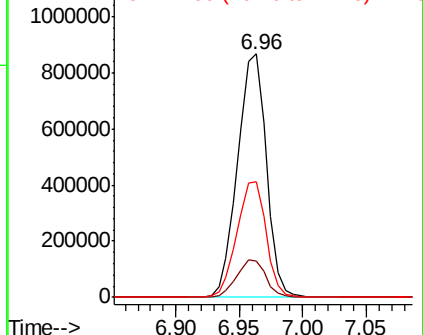
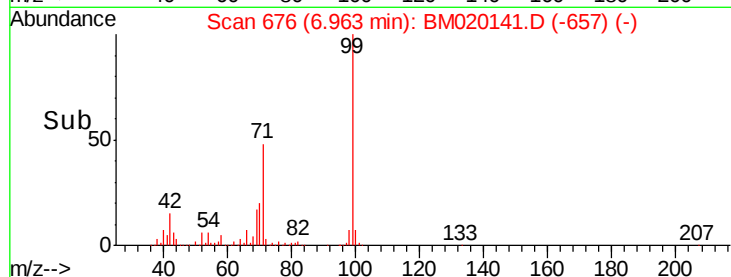


Abundance

Ion 99.00 (98.70 to 99.70): BM020141.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020141.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020141.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BM020141.D

Acq: 06 May 2019 18:25

Tgt Ion: 136 Resp: 485169

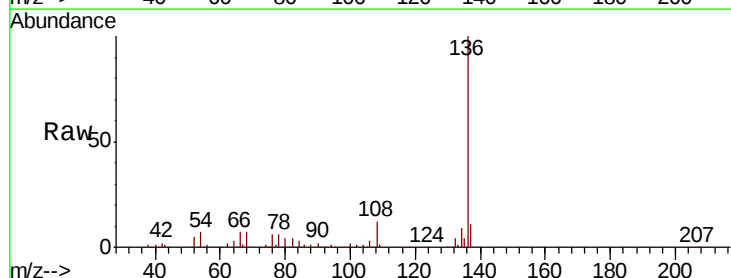
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 7.4 5.5 8.3

68 6.8 4.6 6.8



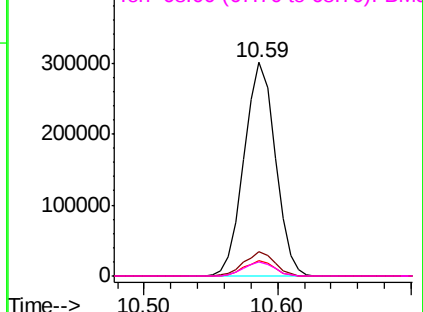
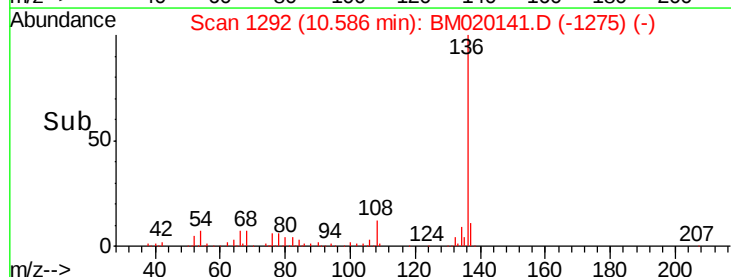
Abundance

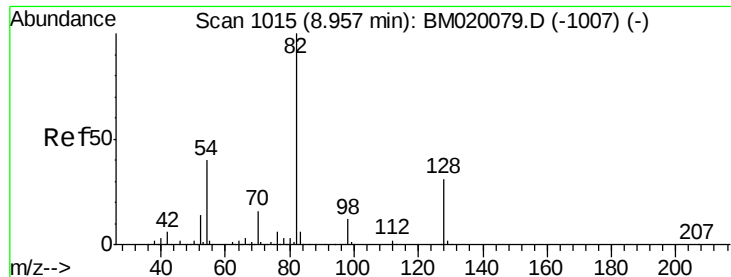
Ion 136.00 (135.70 to 136.70): BM020141.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020141.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020141.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020141.D (-1275) (-)

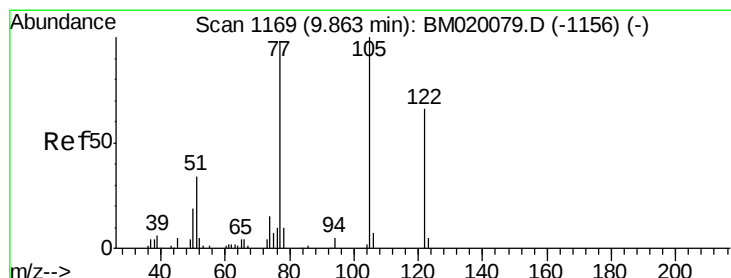
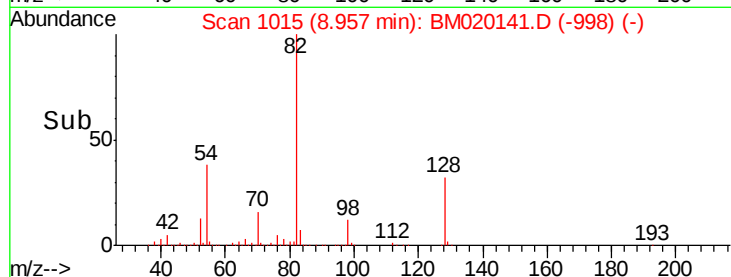
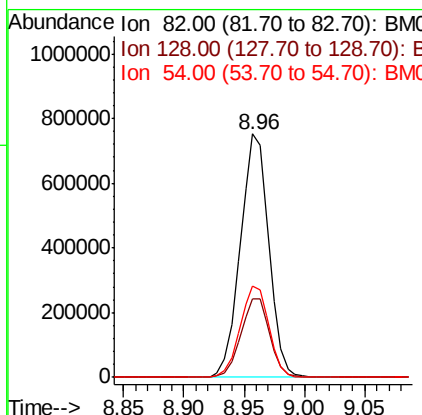
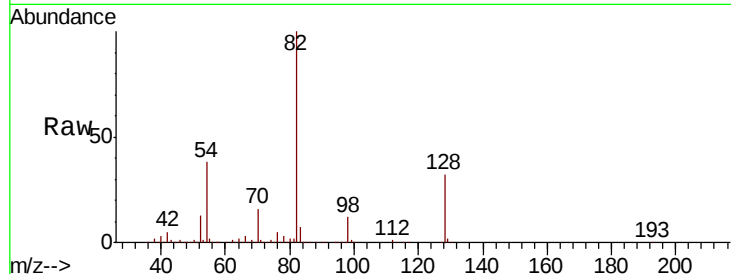




#23
 Nitrobenzene-d5
 Concen: 100.727 ng
 RT: 8.96 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BM020141.D
 Acq: 06 May 2019 18:25

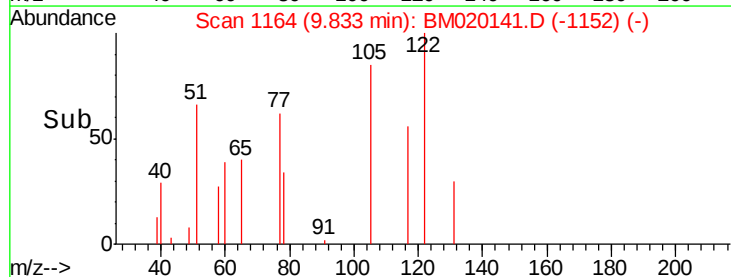
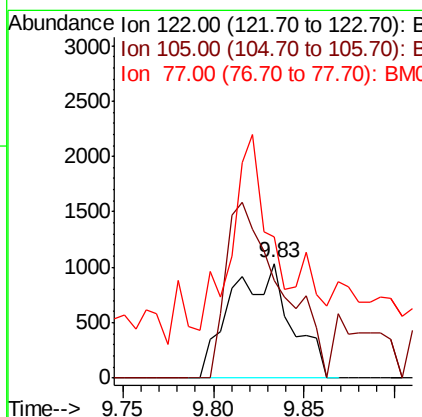
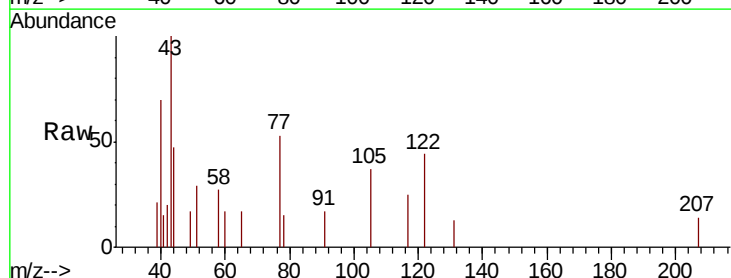
Instrument :
 BNA_M
 ClientSampleId :
 AU-05-050219-C

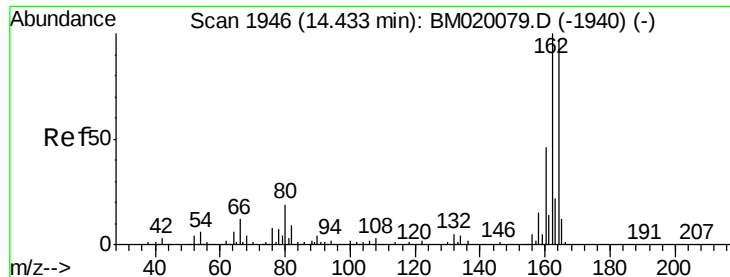
Tgt Ion: 82 Resp: 1237830
 Ion Ratio Lower Upper
 82 100
 128 32.0 25.2 37.8
 54 37.7 31.9 47.9



#32
 Benzoic acid
 Concen: 7.060 ng
 RT: 9.83 min Scan# 1164
 Delta R.T. -0.03 min
 Lab File: BM020141.D
 Acq: 06 May 2019 18:25

Tgt Ion: 122 Resp: 2373
 Ion Ratio Lower Upper
 122 100
 105 85.3 122.5 162.5#
 77 122.4 123.3 163.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM020141.D

Acq: 06 May 2019 18:25

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-C

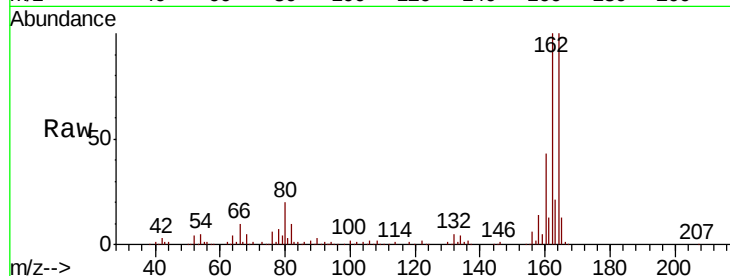
Tgt Ion:164 Resp: 283915

Ion Ratio Lower Upper

164 100

162 100.5 82.2 123.2

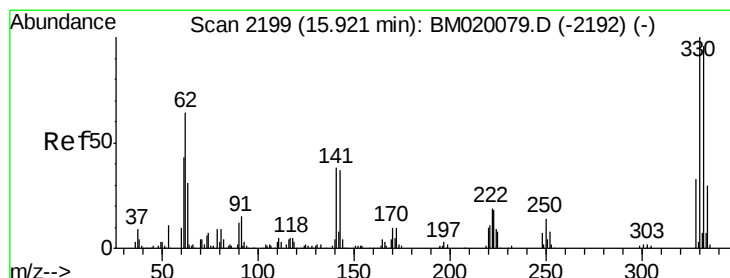
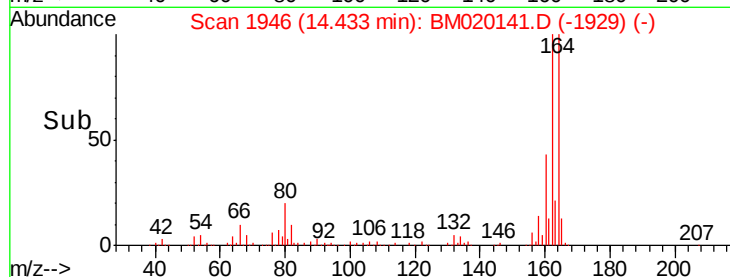
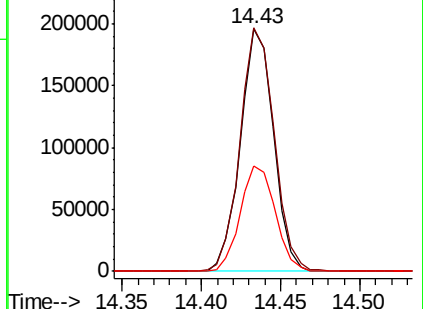
160 43.5 37.6 56.4



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



#42

2,4,6-Tribromophenol

Concen: 162.177 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM020141.D

Acq: 06 May 2019 18:25

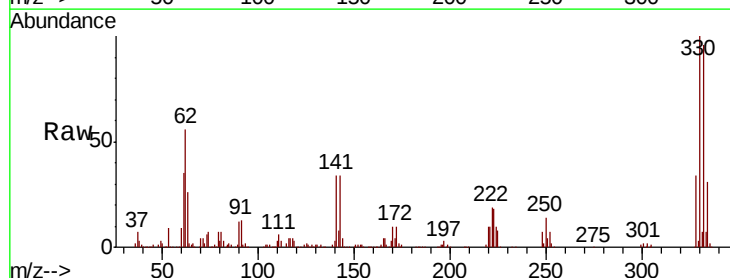
Tgt Ion:330 Resp: 714699

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

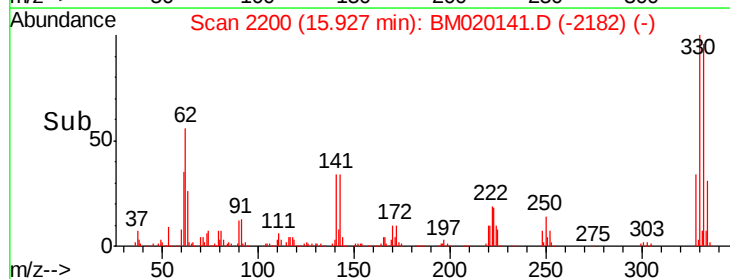
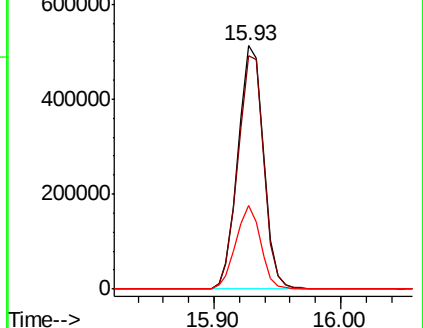
141 33.5 29.2 43.8

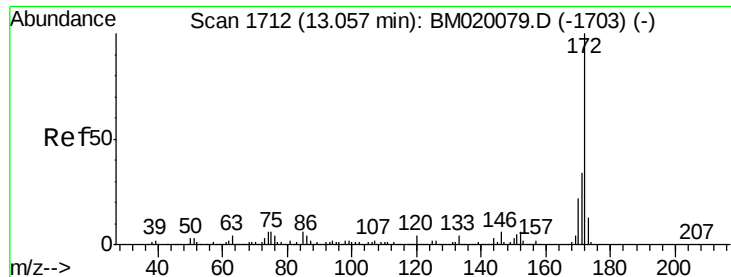


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

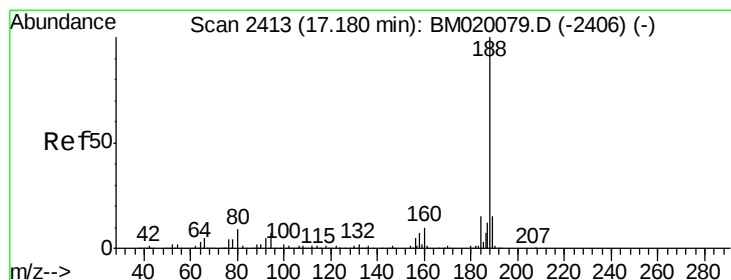
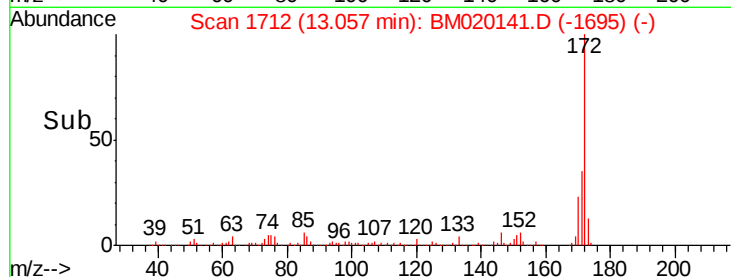
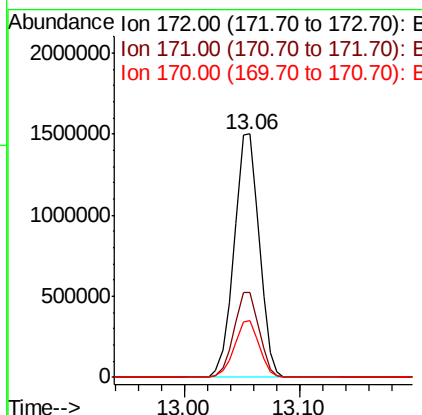
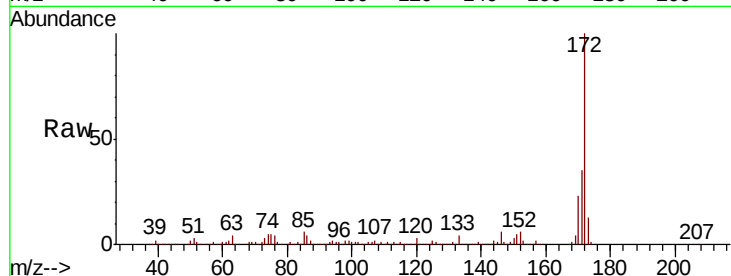




#45
 2-Fluorobiphenyl
 Concen: 97.735 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM020141.D
 Acq: 06 May 2019 18:25

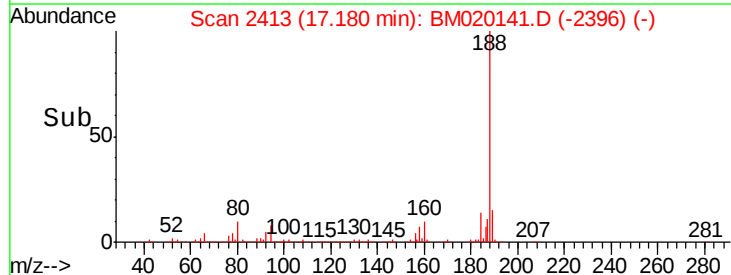
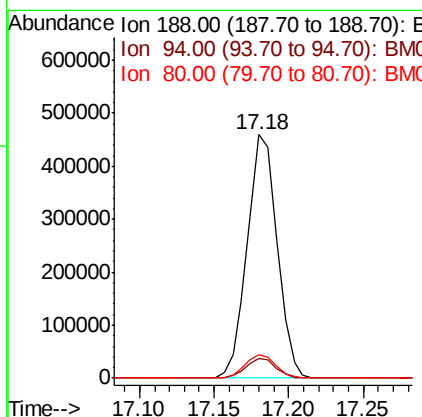
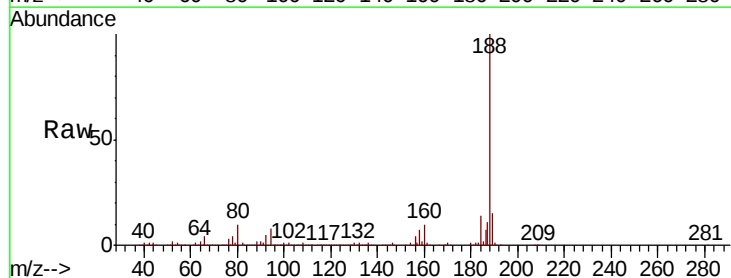
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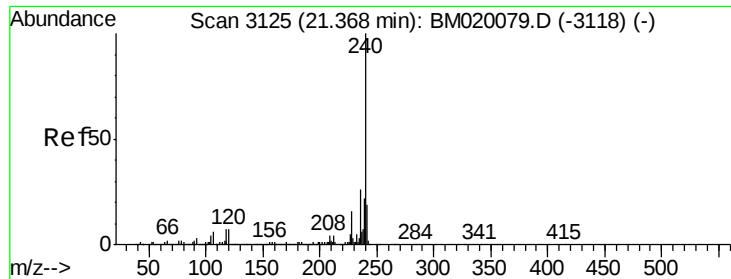
Tgt Ion:172 Resp: 2255312
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.3 40.9
 170 23.2 17.9 26.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.18 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BM020141.D
 Acq: 06 May 2019 18:25

Tgt Ion:188 Resp: 635819
 Ion Ratio Lower Upper
 188 100
 94 7.8 5.8 8.6
 80 9.7 7.4 11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM020141.D

Acq: 06 May 2019 18:25

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-C

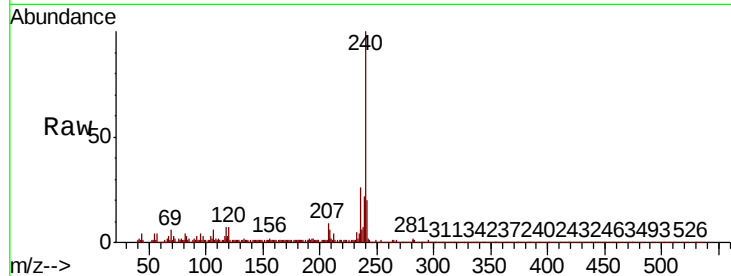
Tgt Ion:240 Resp: 621225

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

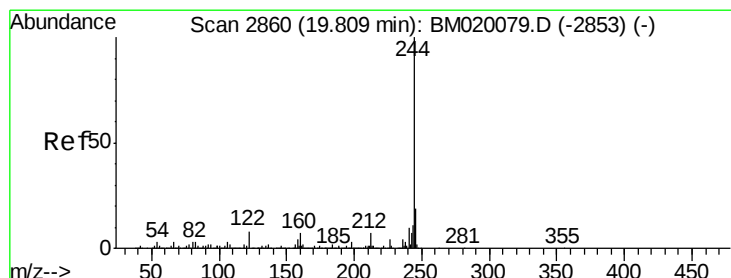
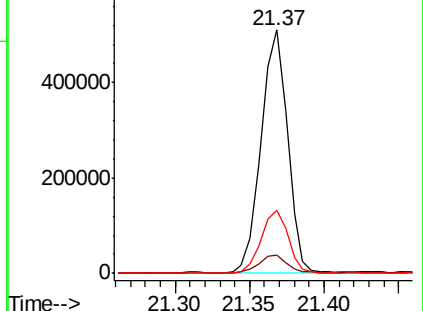
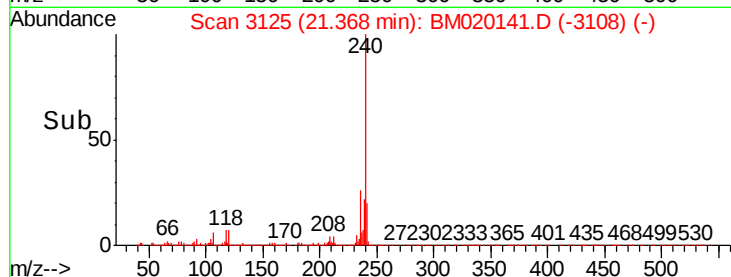
236 25.8 20.9 31.3



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



#79

Terphenyl-d14

Concen: 105.924 ng

RT: 19.81 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BM020141.D

Acq: 06 May 2019 18:25

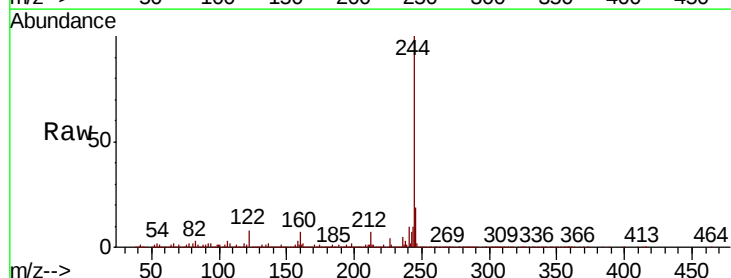
Tgt Ion:244 Resp: 3772596

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

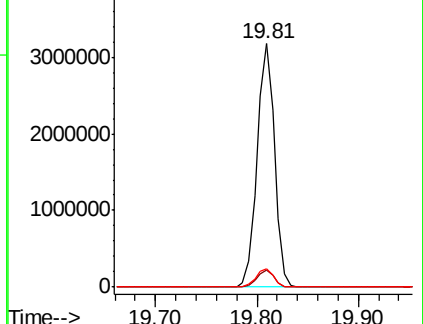
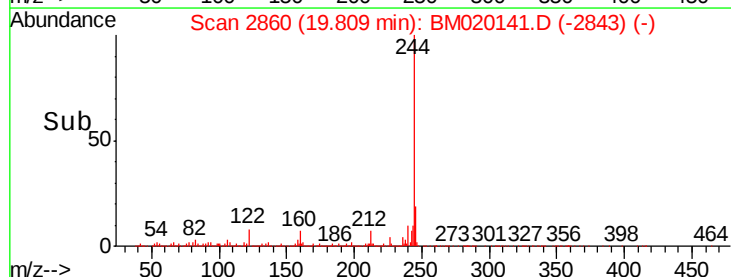
122 7.5 6.2 9.2

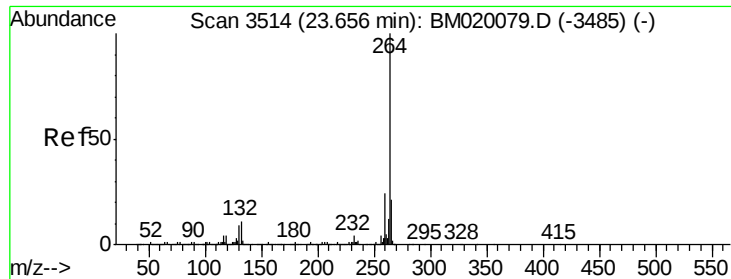


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3515

Delta R.T. 0.01 min

Lab File: BM020141.D

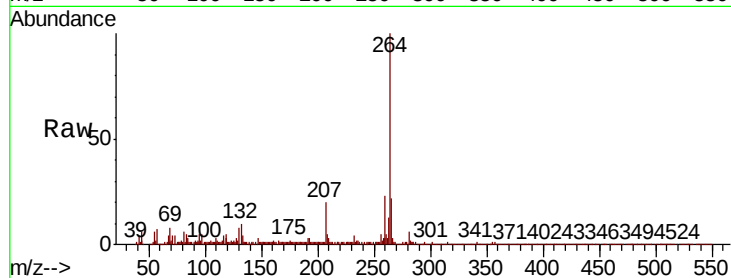
Acq: 06 May 2019 18:25

Instrument :

BNA_M

ClientSampleId :

AU-05-050219-C



Tgt Ion: 264 Resp: 744050

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.0 16.9 25.3

