

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020239.D
 Acq On : 10 May 2019 13:27
 Operator : JU/SJ
 Sample : PB119565BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BL

Quant Time: May 10 16:32:07 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	7.77	152	55943	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	233854	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	166495	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	456127	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	537504	20.00	ng	-0.01
87) Perylene-d12	23.64	264	633913	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	425618	124.36	ng	-0.01
7) Phenol-d6	6.94	99	607555	129.94	ng	-0.01
23) Nitrobenzene-d5	8.94	82	402036	67.87	ng	-0.02
42) 2,4,6-Tribromophenol	15.92	330	331765	128.38	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	920304	68.01	ng	-0.02
79) Terphenyl-d14	19.80	244	2095340	67.99	ng	-0.01

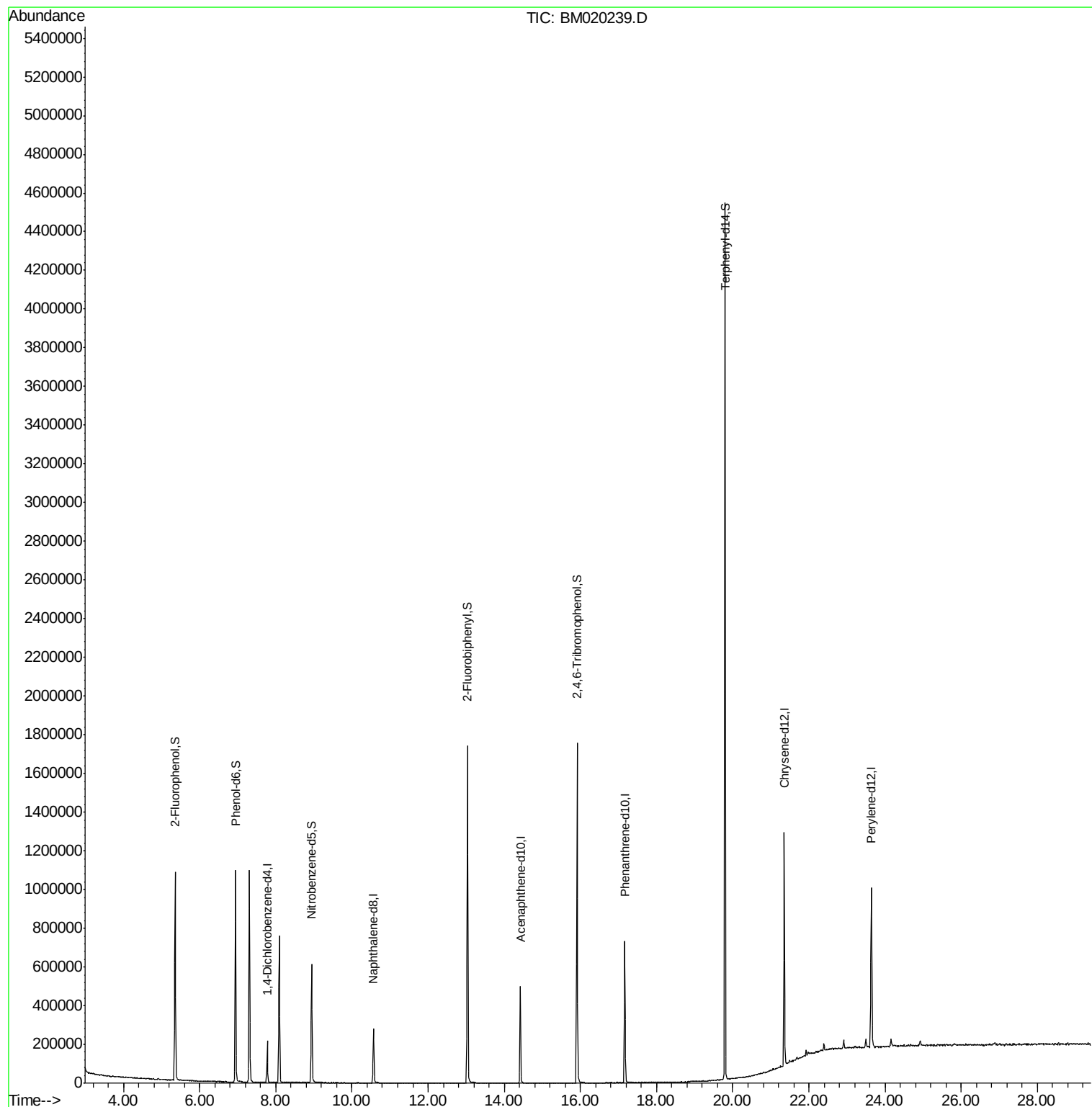
Target Compounds	Qvalue
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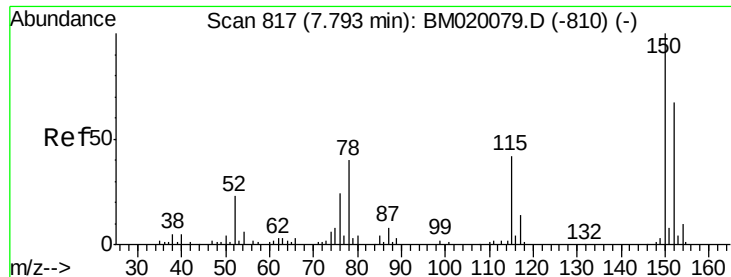
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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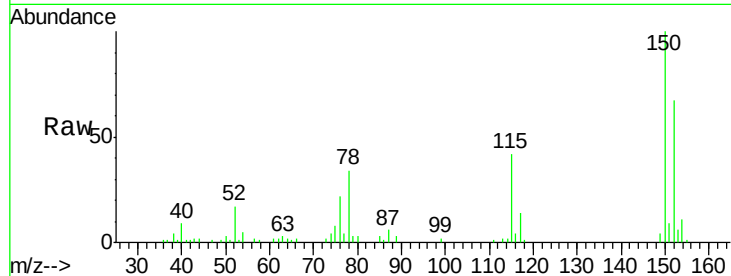


#1

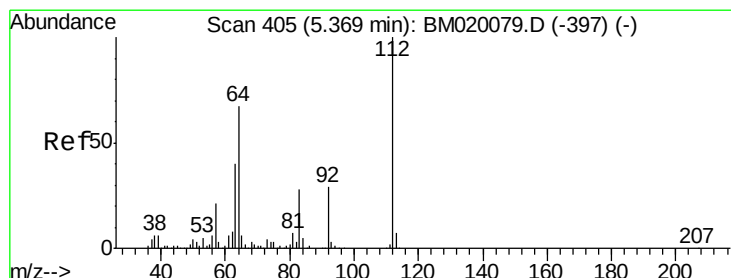
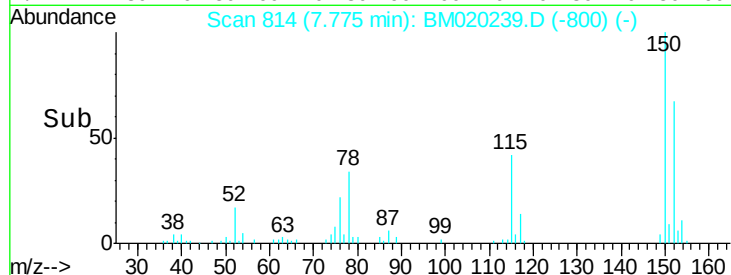
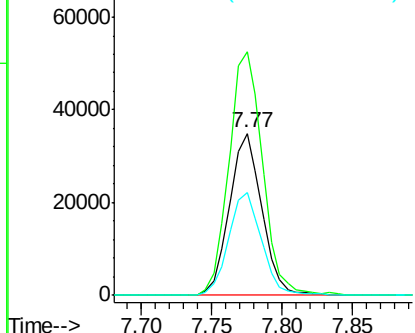
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020239.D
Acq: 10 May 2019 13:27

Instrument :
BNA_M
ClientSampleId :
PB119565BL

Tgt Ion:152 Resp: 55943
Ion Ratio Lower Upper
152 100
150 150.0 119.8 179.8
115 63.1 50.8 76.2



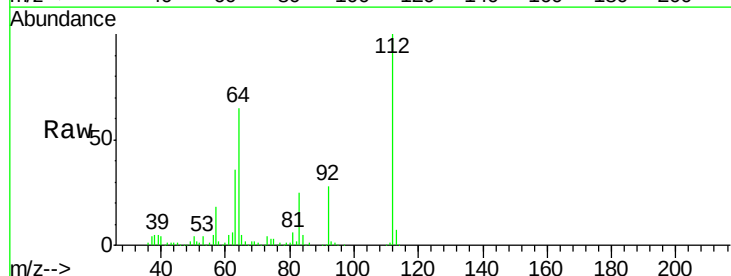
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



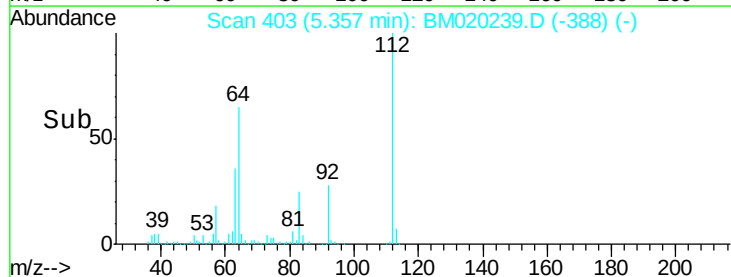
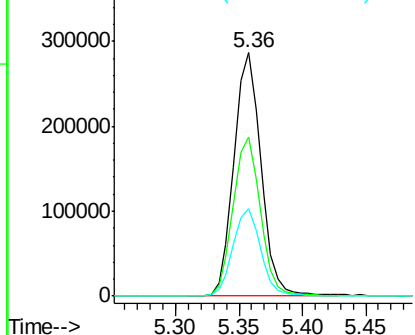
#5

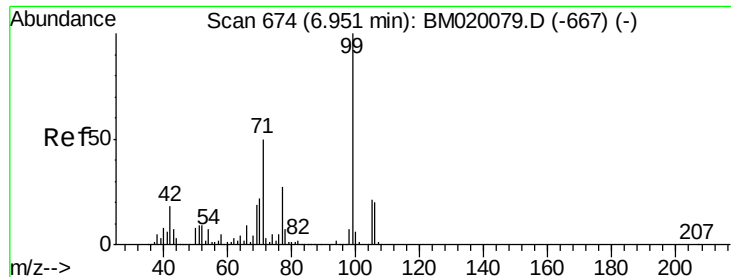
2-Fluorophenol
Concen: 124.361 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020239.D
Acq: 10 May 2019 13:27

Tgt Ion:112 Resp: 425618
Ion Ratio Lower Upper
112 100
64 65.5 53.8 80.6
63 35.8 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: 129.943 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM020239.D

Acq: 10 May 2019 13:27

Instrument :

BNA_M

ClientSampleId :

PB119565BL

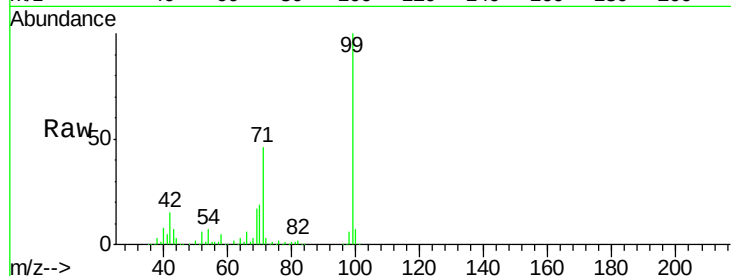
Tgt Ion: 99 Resp: 607555

Ion Ratio Lower Upper

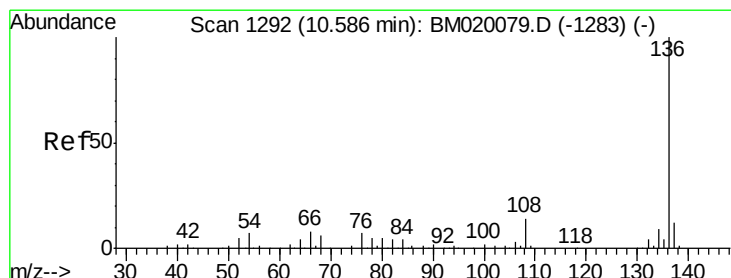
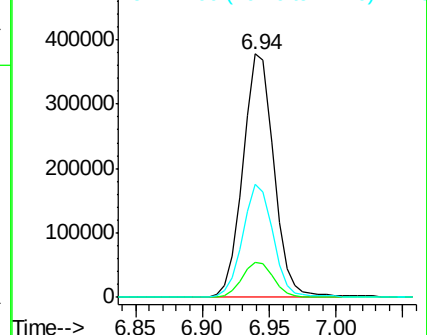
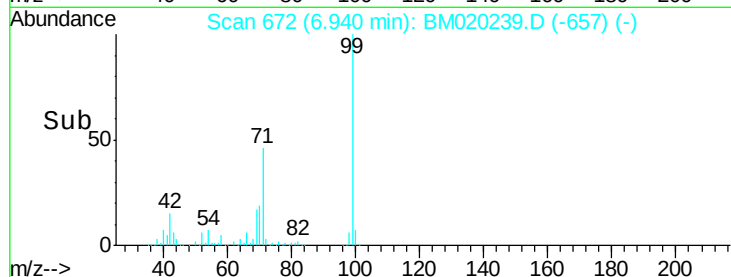
99 100

42 14.6 14.2 21.2

71 46.2 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020239.D

Acq: 10 May 2019 13:27

Tgt Ion: 136 Resp: 233854

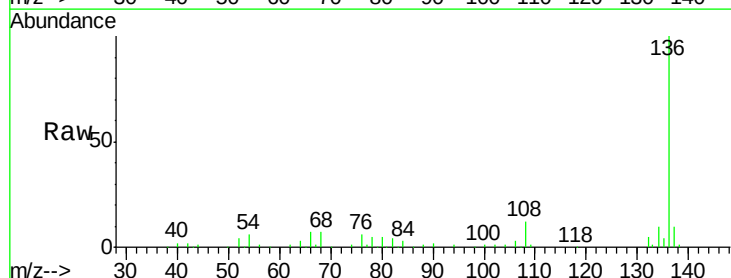
Ion Ratio Lower Upper

136 100

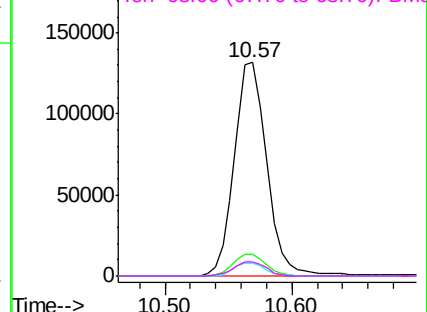
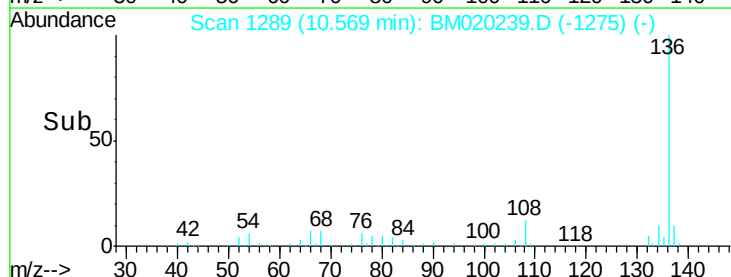
137 10.2 9.6 14.4

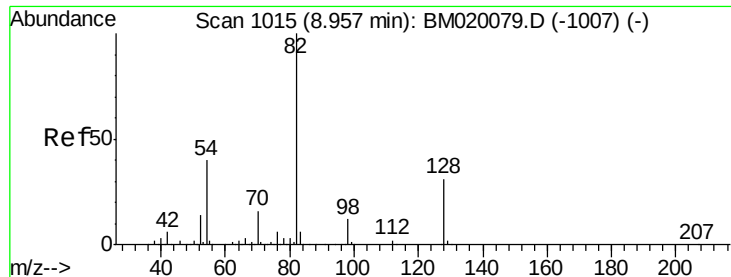
54 5.9 5.5 8.3

68 6.7 4.6 6.8



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): BM0
Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 67.873 ng

RT: 8.94 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BM020239.D

Acq: 10 May 2019 13:27

Instrument :

BNA_M

ClientSampleId :

PB119565BL

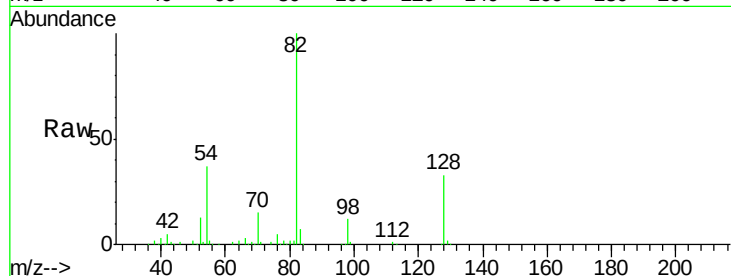
Tgt Ion: 82 Resp: 402036

Ion Ratio Lower Upper

82 100

128 32.9 25.2 37.8

54 37.3 31.9 47.9

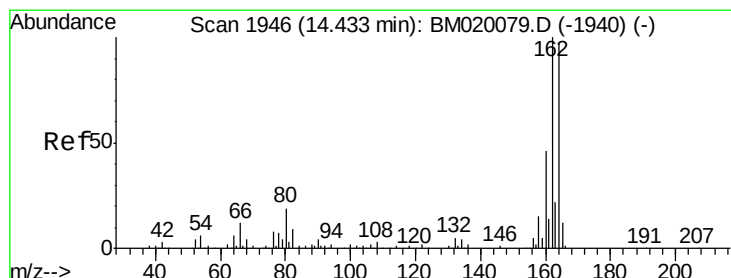
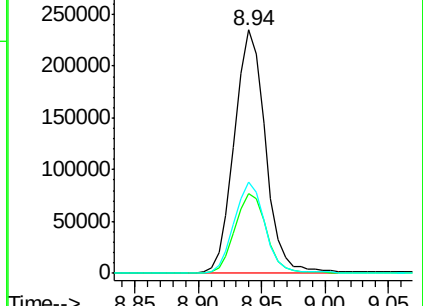
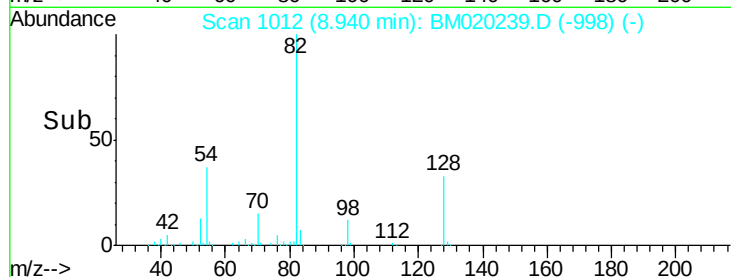


Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020239.D

Acq: 10 May 2019 13:27

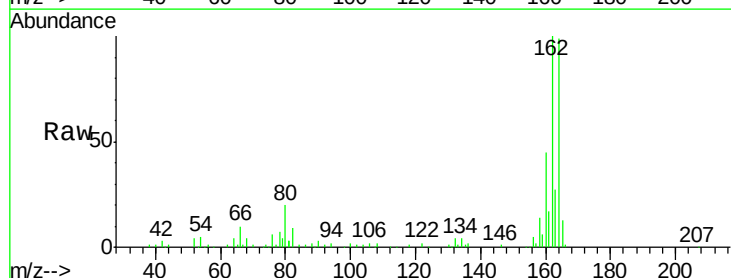
Tgt Ion: 164 Resp: 166495

Ion Ratio Lower Upper

164 100

162 101.1 82.2 123.2

160 45.9 37.6 56.4

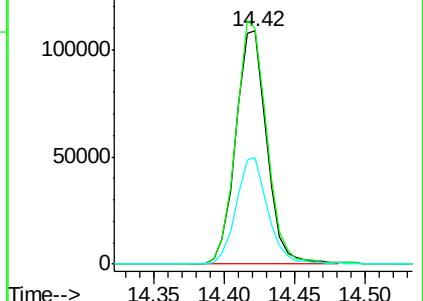
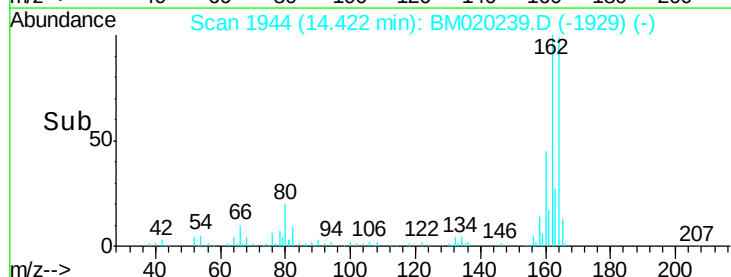


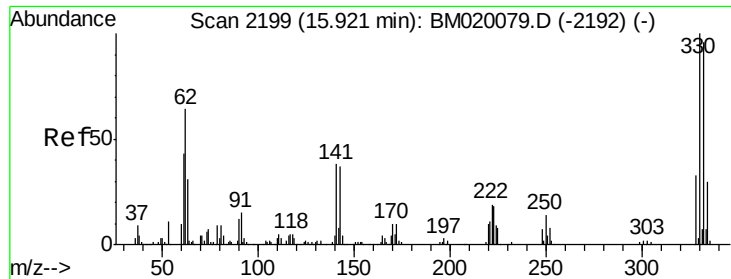
Abundance Ion 164.00 (163.70 to 164.70): BM020079.D (-1940) (-)

Ion 162.00 (161.70 to 162.70): BM020079.D (-1940) (-)

Ion 160.00 (159.70 to 160.70): BM020079.D (-1940) (-)

Time-->

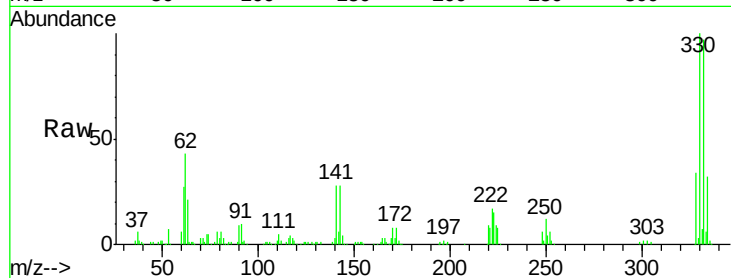




#42
 2,4,6-Tribromophenol
 Concen: 128.376 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020239.D
 Acq: 10 May 2019 13:27

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	32.0	29.2	43.8

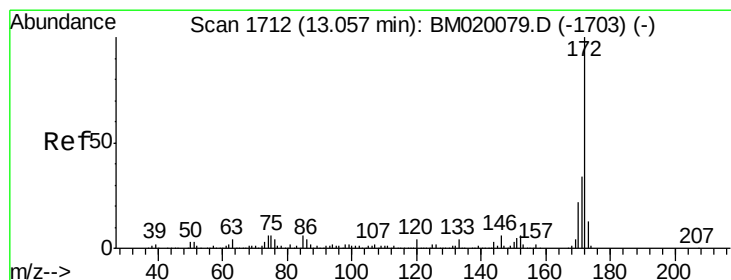
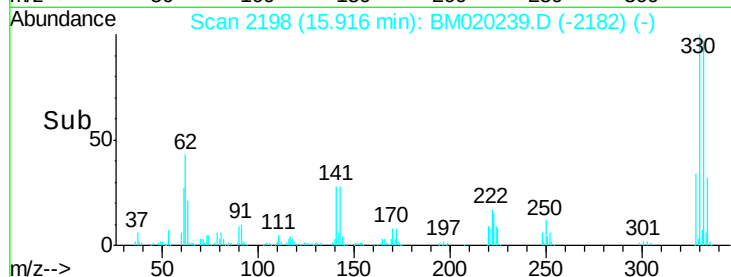
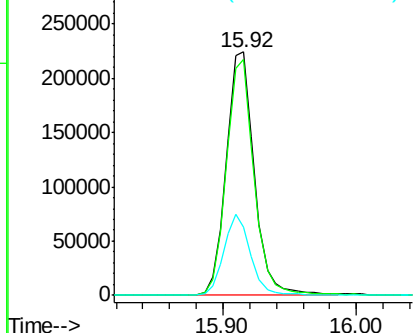


Abundance

Ion 329.80 (329.50 to 330.50): E

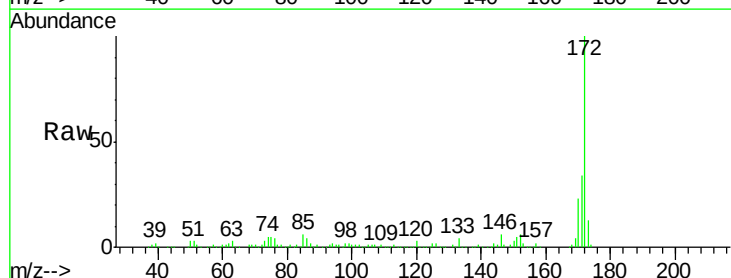
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.009 ng
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.02 min
 Lab File: BM020239.D
 Acq: 10 May 2019 13:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.3	40.9
170	22.5	17.9	26.9

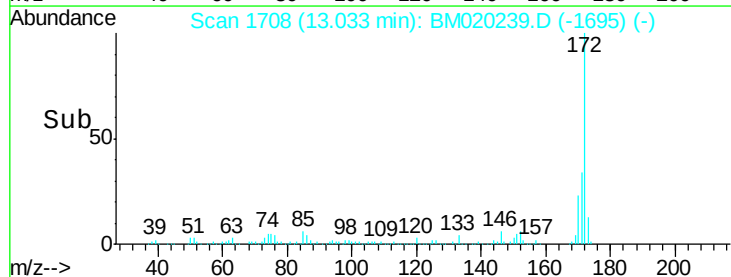
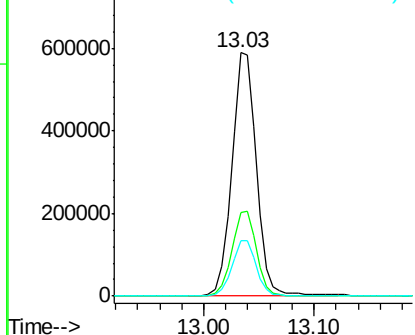


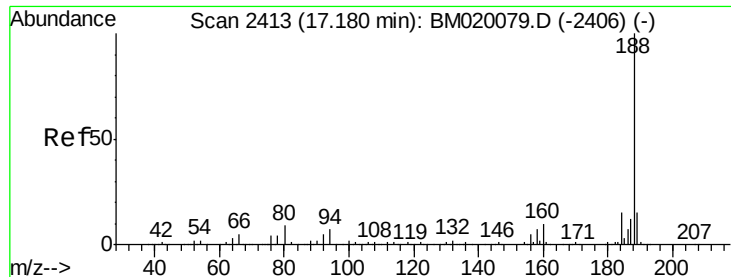
Abundance

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

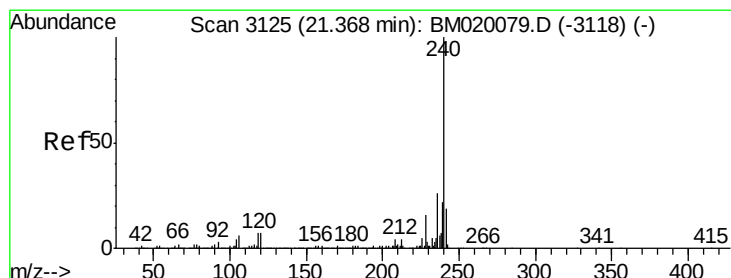
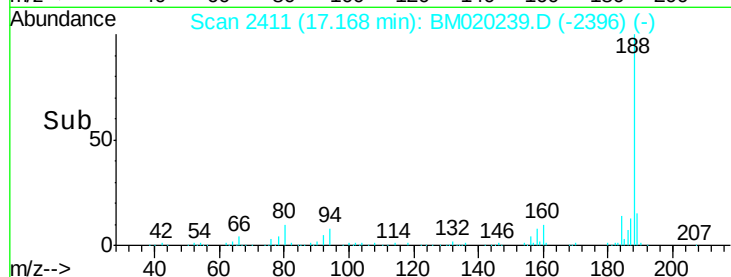
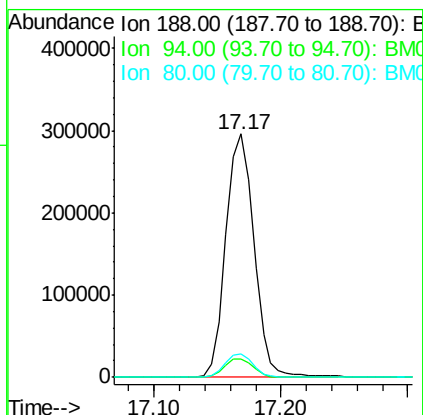
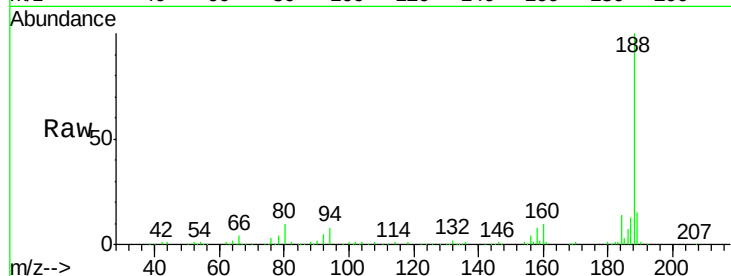




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020239.D
Acq: 10 May 2019 13:27

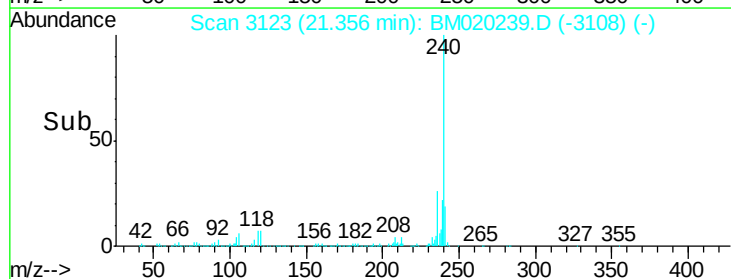
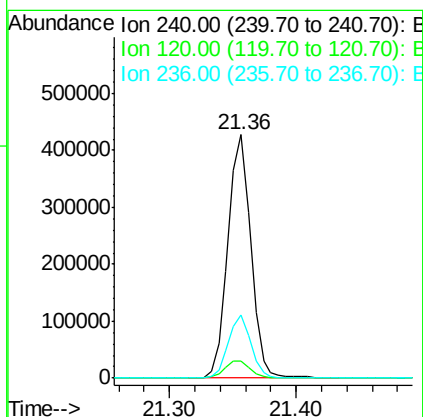
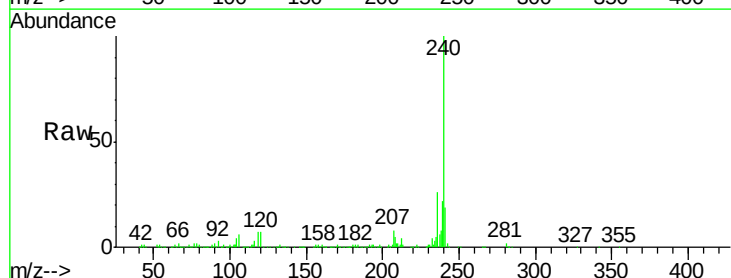
Instrument :
BNA_M
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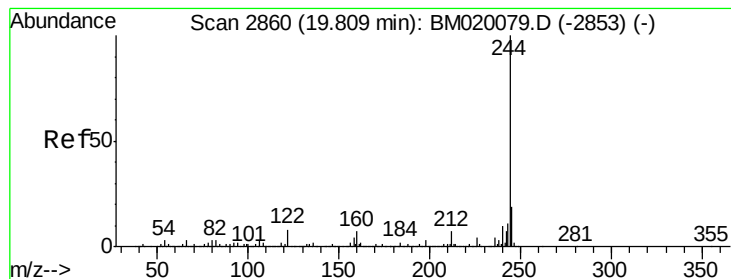
Tgt Ion:188 Resp: 456127
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 9.6 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020239.D
Acq: 10 May 2019 13:27

Tgt Ion:240 Resp: 537504
Ion Ratio Lower Upper
240 100
120 7.2 5.6 8.4
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 67.994 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020239.D

Acq: 10 May 2019 13:27

Instrument :

BNA_M

ClientSampleId :

PB119565BL

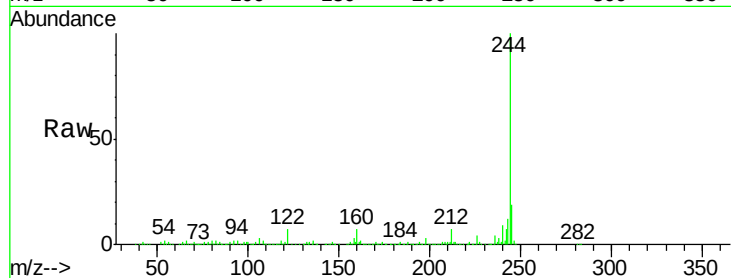
Tgt Ion:244 Resp: 2095340

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

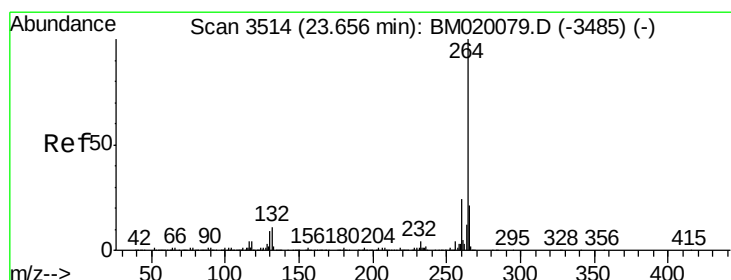
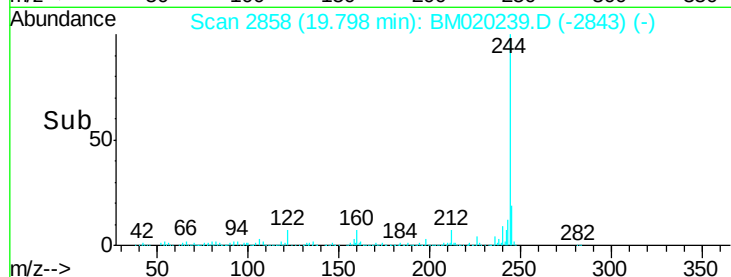
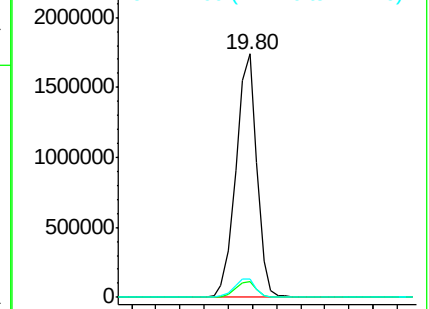
122 7.3 6.2 9.2



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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020239.D

Acq: 10 May 2019 13:27

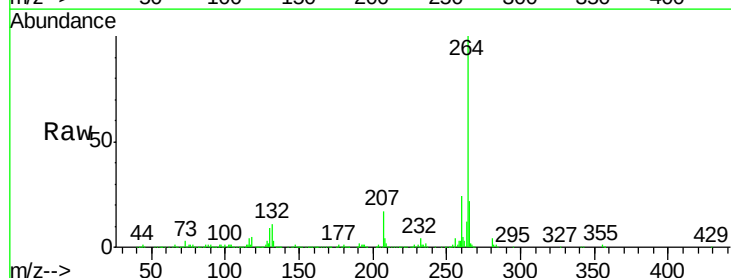
Tgt Ion:264 Resp: 633913

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.7 16.9 25.3



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

