

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050619\
 Data File : BM020159.D
 Acq On : 07 May 2019 08:14
 Operator : JU/SJ
 Sample : K2673-02 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-11-COMP

Quant Time: May 07 08:46:40 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

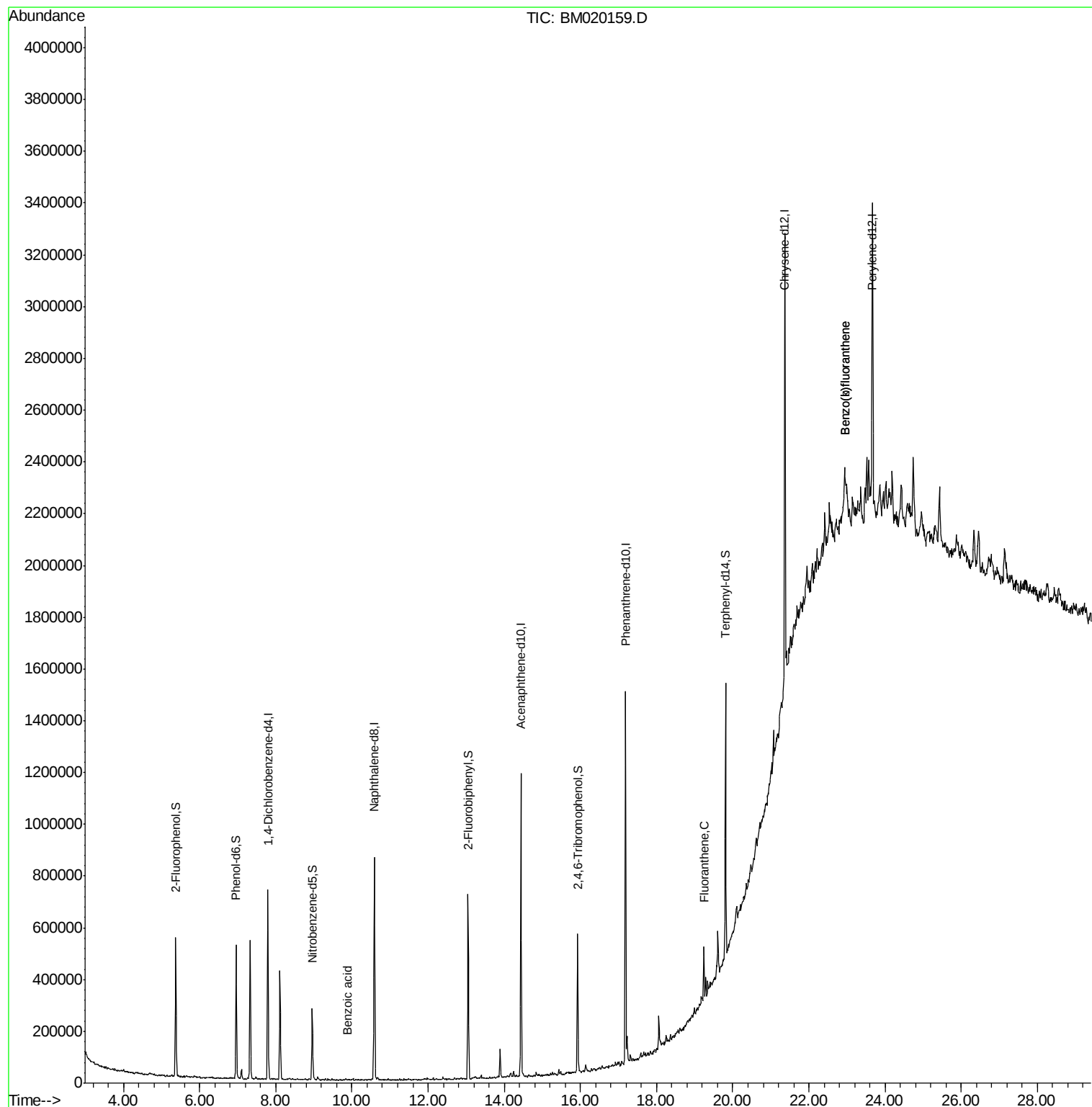
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	178667	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	654651	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	364122	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	796041	20.00	ng	0.00
76) Chrysene-d12	21.37	240	757043	20.00	ng	0.00
87) Perylene-d12	23.67	264	899048	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	198637	18.17	ng	0.00
7) Phenol-d6	6.96	99	275036	18.42	ng	0.00
23) Nitrobenzene-d5	8.96	82	175237	10.57	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	94000	16.63	ng	0.00
45) 2-Fluorobiphenyl	13.06	172	351326	11.87	ng	0.00
79) Terphenyl-d14	19.81	244	473934	10.92	ng	0.00
Target Compounds						
32) Benzoic acid	9.87	122	144	6.631	ng	Qvalue # 76
75) Fluoranthene	19.24	202	112243	2.019	ng	96
88) Benzo(b)fluoranthene	22.97	252	125244	2.110	ng	# 63
89) Benzo(k)fluoranthene	22.97	252	126519	2.336	ng	# 64

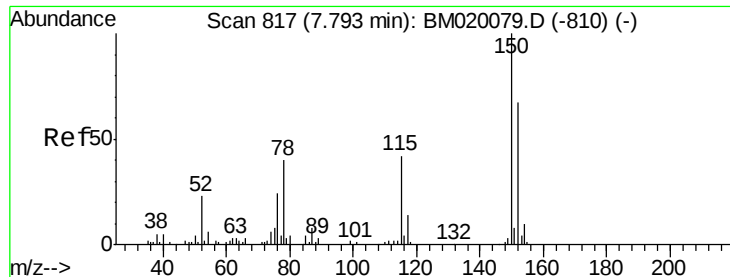
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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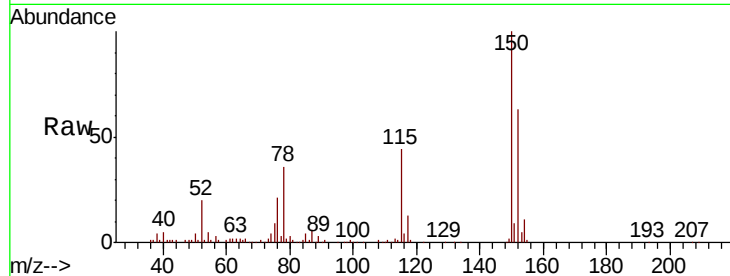


#1

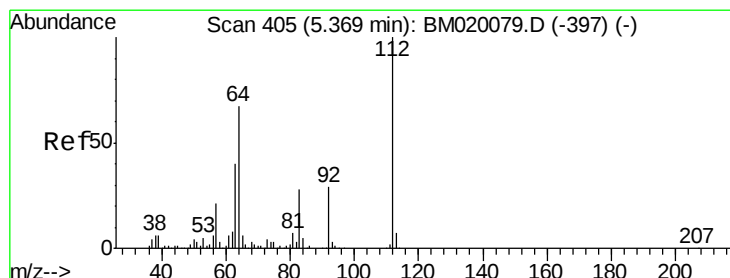
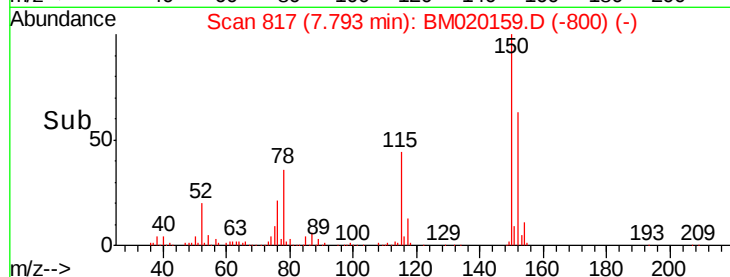
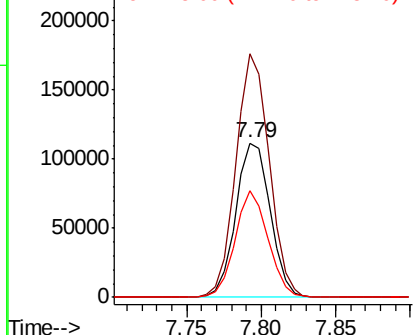
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020159.D
Acq: 07 May 2019 08:14

Instrument :
BNA_M
ClientSampleId :
SB-11-COMP

Tgt Ion:152 Resp: 178667
Ion Ratio Lower Upper
152 100
150 157.5 119.8 179.8
115 68.7 50.8 76.2



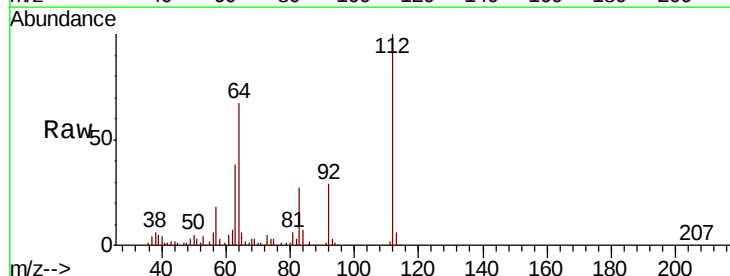
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



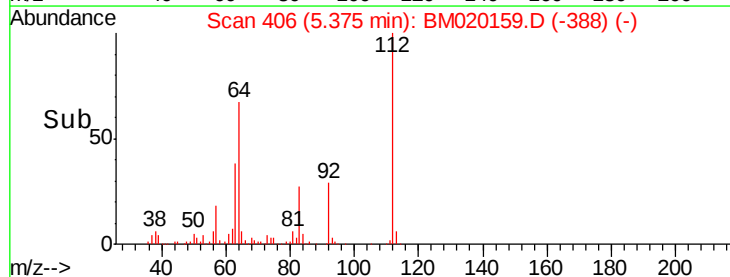
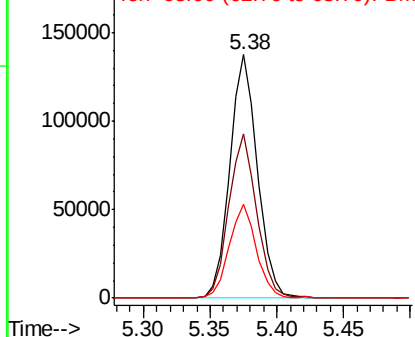
#5

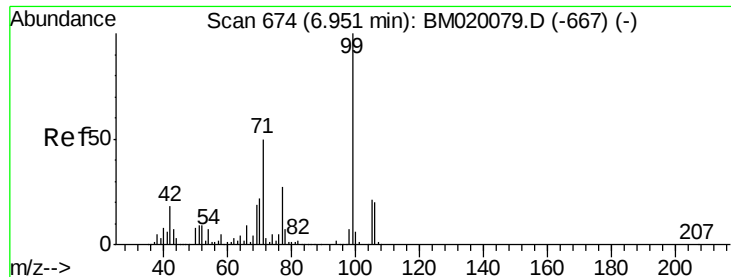
2-Fluorophenol
Concen: 18.173 ng
RT: 5.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020159.D
Acq: 07 May 2019 08:14

Tgt Ion:112 Resp: 198637
Ion Ratio Lower Upper
112 100
64 67.3 53.8 80.6
63 38.3 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: 18.419 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

Instrument :

BNA_M

ClientSampleId :

SB-11-COMP

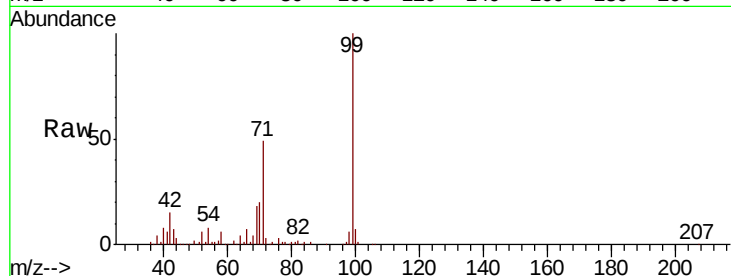
Tgt Ion: 99 Resp: 275036

Ion Ratio Lower Upper

99 100

42 15.1 14.2 21.2

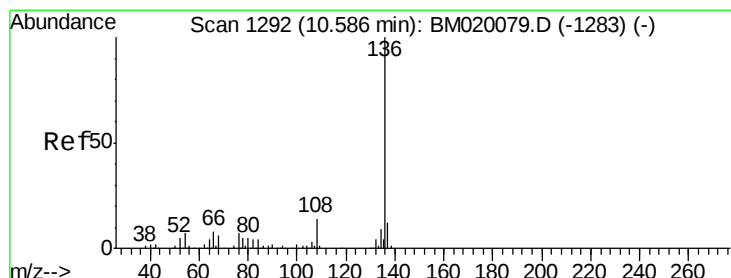
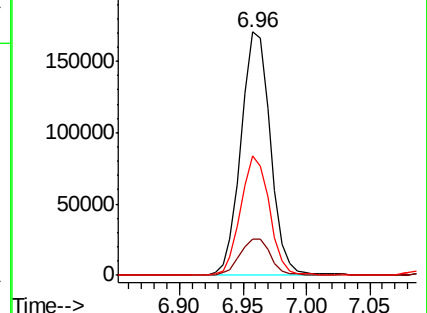
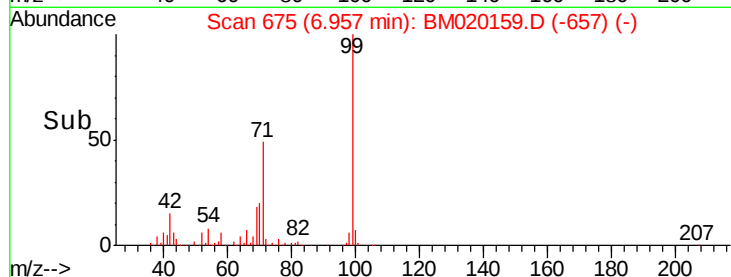
71 49.2 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020159.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020159.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020159.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

Tgt Ion: 136 Resp: 654651

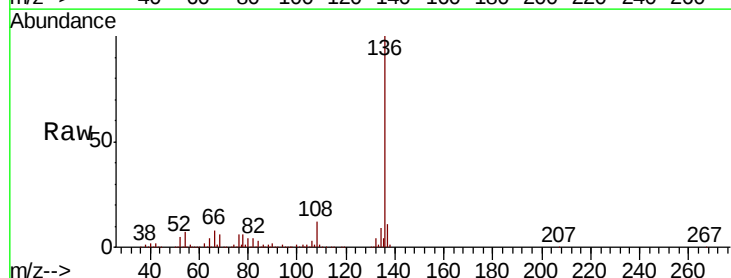
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 6.7 5.5 8.3

68 6.5 4.6 6.8

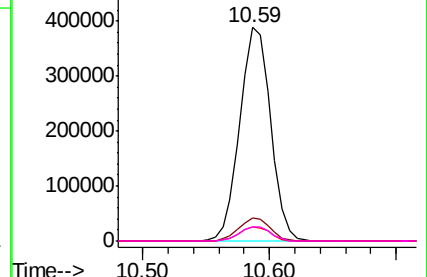
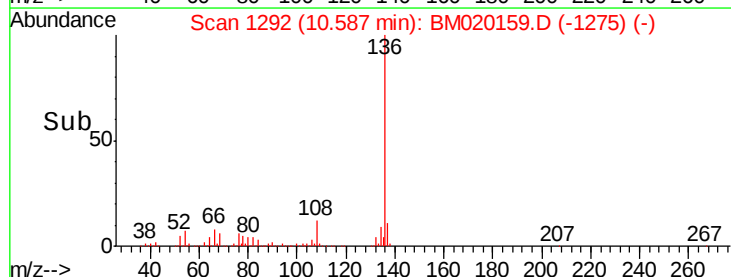


Abundance Ion 136.00 (135.70 to 136.70): BM020159.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020159.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020159.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020159.D (-1275) (-)

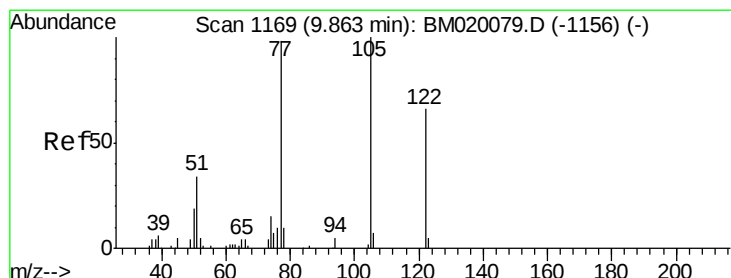
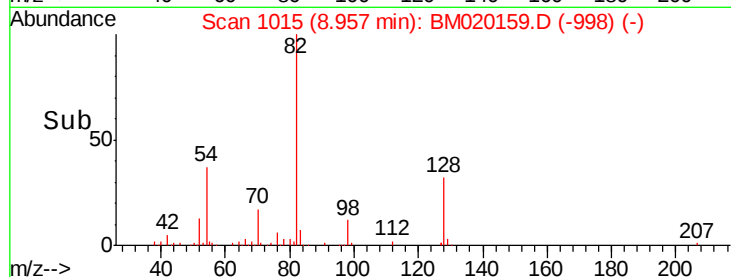
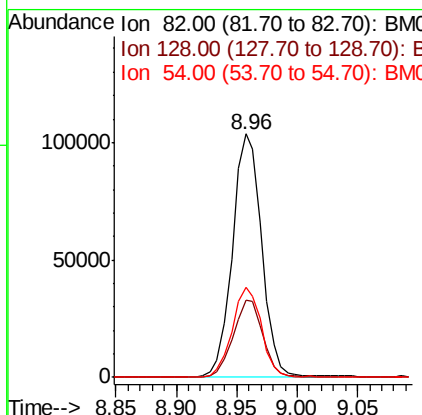
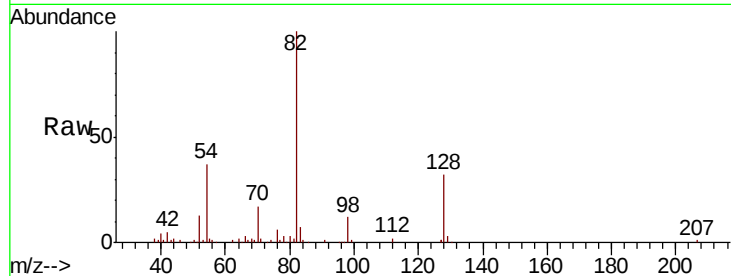




#23
 Nitrobenzene-d5
 Concen: 10.568 ng
 RT: 8.96 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BM020159.D
 Acq: 07 May 2019 08:14

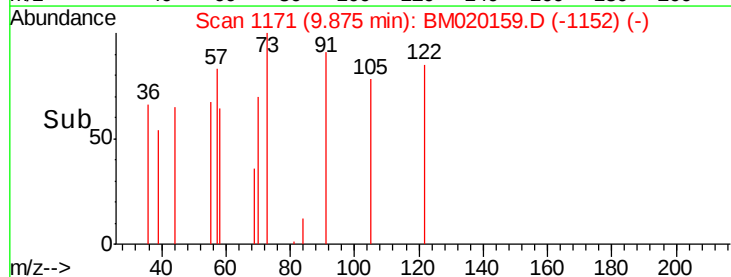
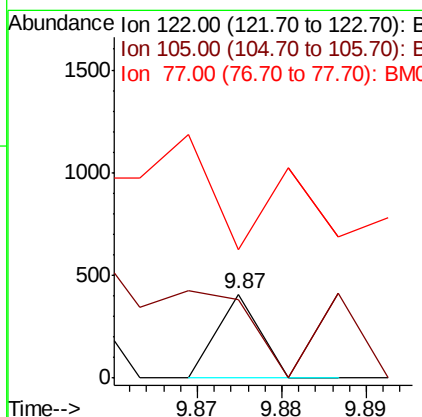
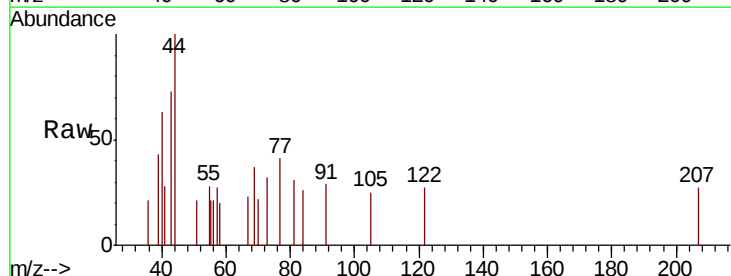
Instrument :
 BNA_M
 ClientSampleId :
 SB-11-COMP

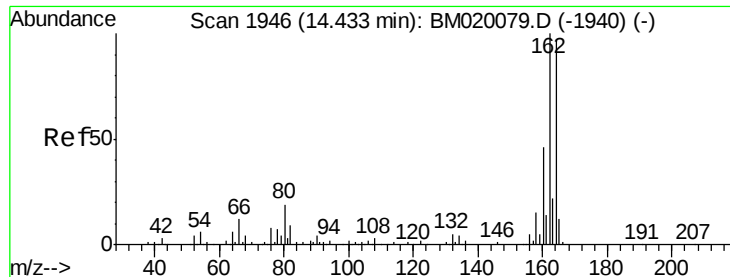
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.6	25.2	37.8
54	37.0	31.9	47.9



#32
 Benzoic acid
 Concen: 6.631 ng
 RT: 9.87 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BM020159.D
 Acq: 07 May 2019 08:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	92.7	122.5	162.5#
77	152.1	123.3	163.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.44 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

Instrument :

BNA_M

ClientSampleId :

SB-11-COMP

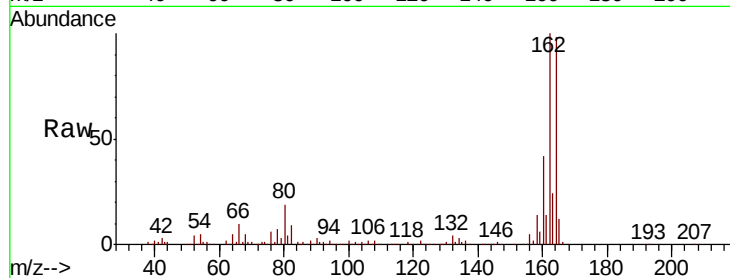
Tgt Ion:164 Resp: 364122

Ion Ratio Lower Upper

164 100

162 102.0 82.2 123.2

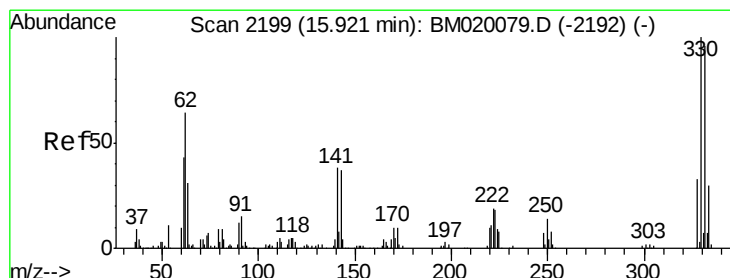
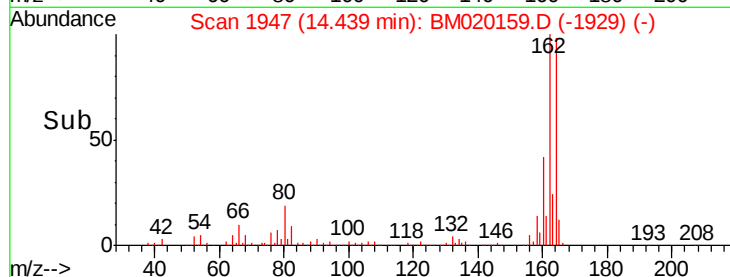
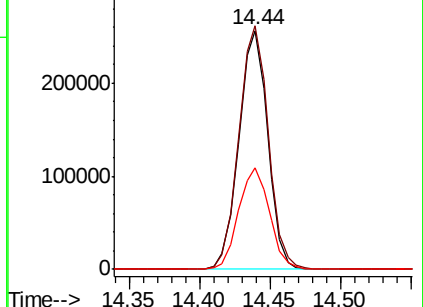
160 42.4 37.6 56.4



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: 16.632 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

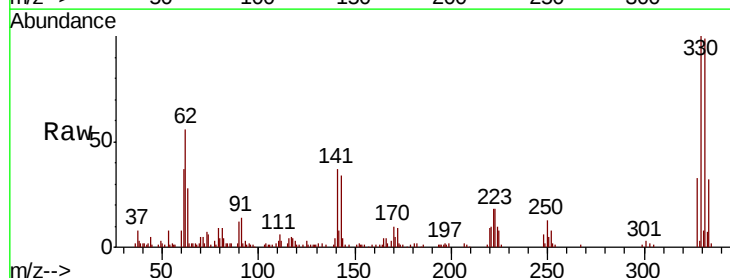
Tgt Ion:330 Resp: 94000

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

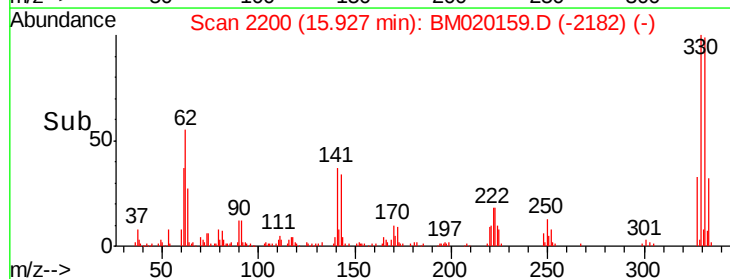
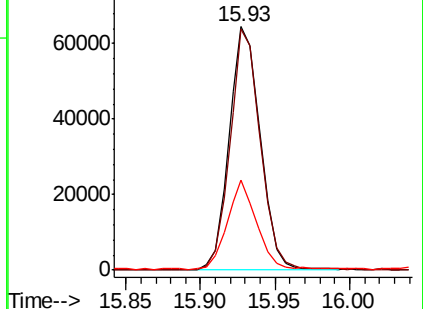
141 35.8 29.2 43.8

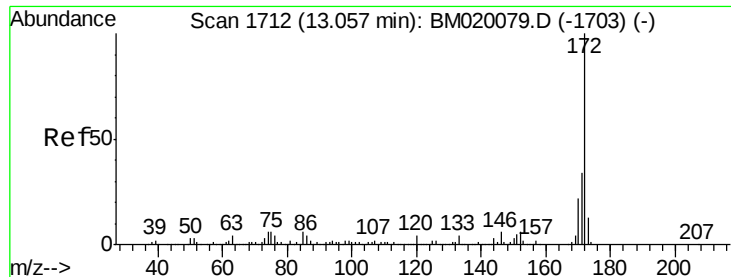


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

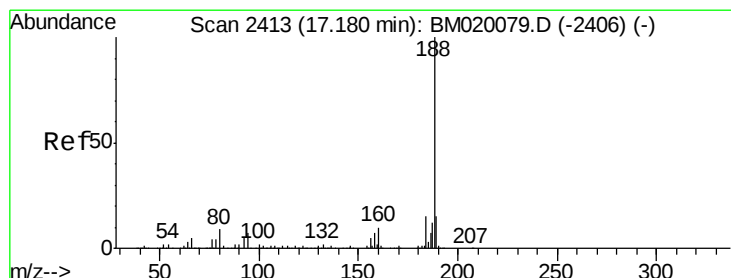
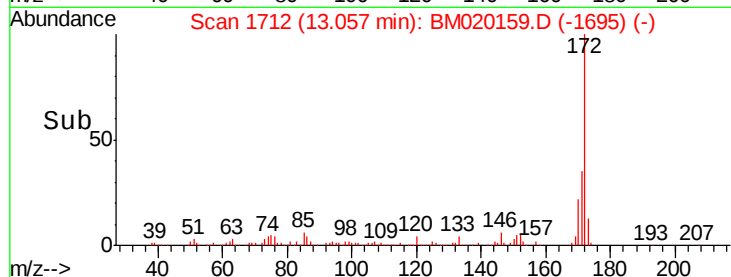
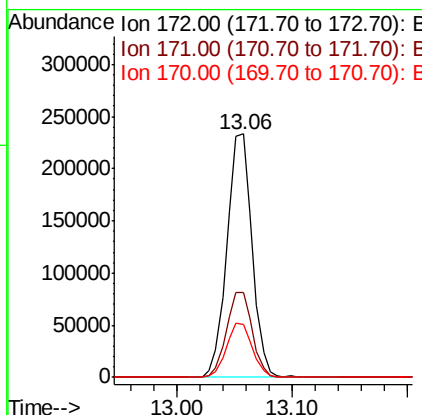
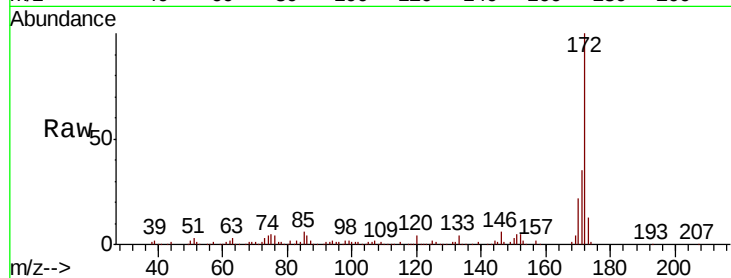




#45
 2-Fluorobiphenyl
 Concen: 11.871 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM020159.D
 Acq: 07 May 2019 08:14

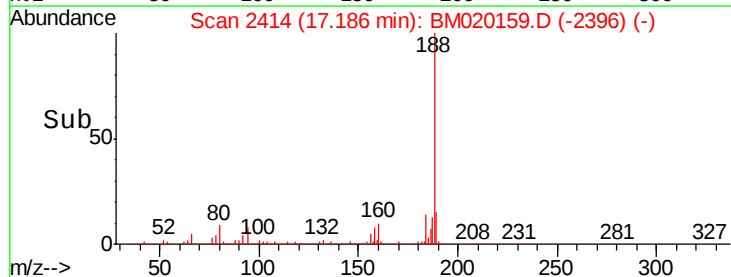
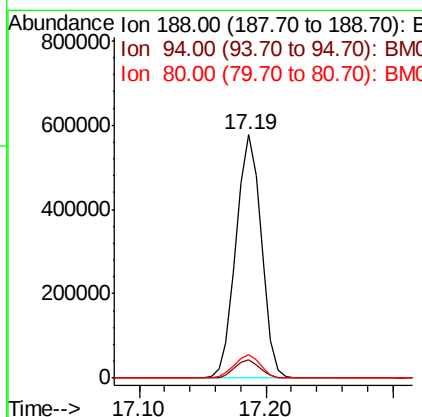
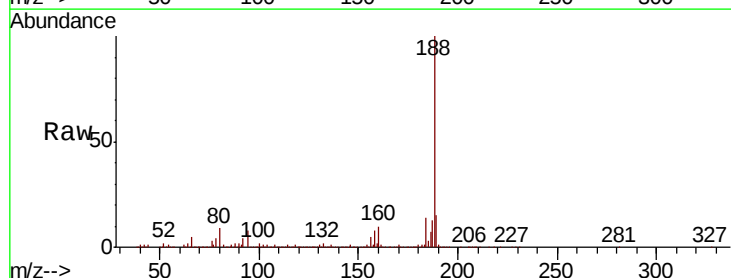
Instrument :
 BNA_M
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 SB-11-COMP

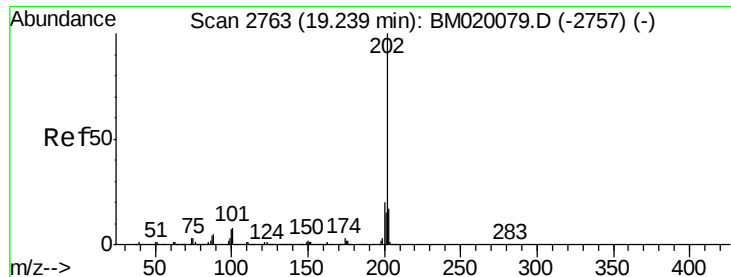
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	21.6	17.9	26.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.19 min Scan# 2414
 Delta R.T. 0.01 min
 Lab File: BM020159.D
 Acq: 07 May 2019 08:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.8	8.6
80	9.4	7.4	11.2





#75

Fluoranthene

Concen: 2.019 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

Instrument :

BNA_M

ClientSampleId :

SB-11-COMP

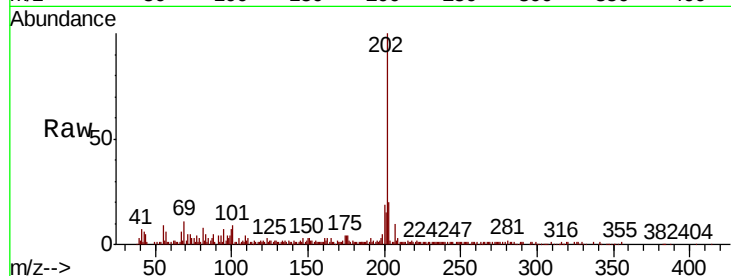
Tgt Ion:202 Resp: 112243

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.4

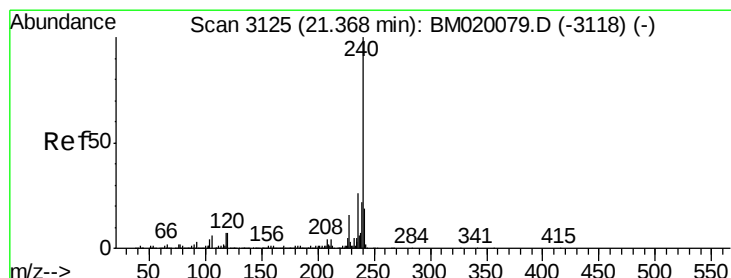
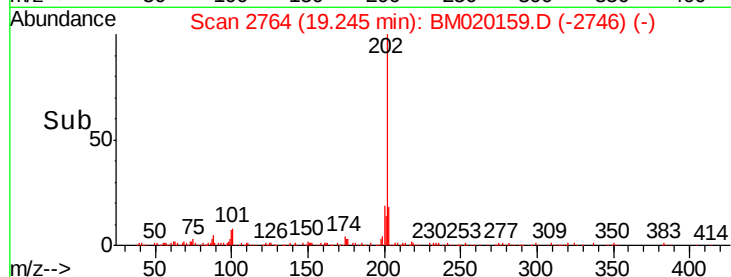
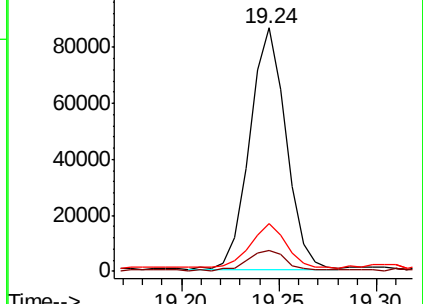
203 19.8 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

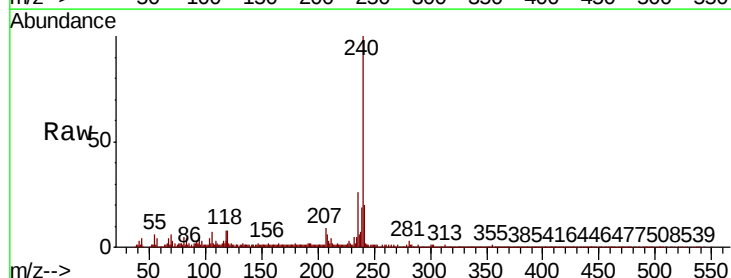
Tgt Ion:240 Resp: 757043

Ion Ratio Lower Upper

240 100

120 8.0 5.6 8.4

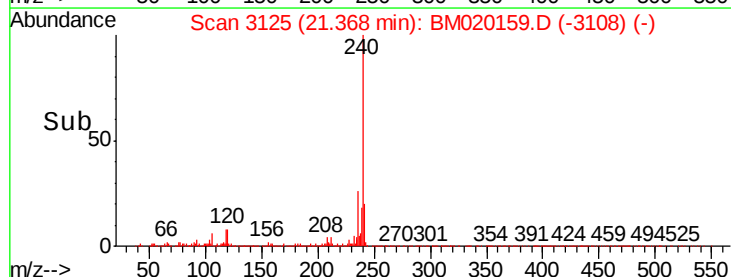
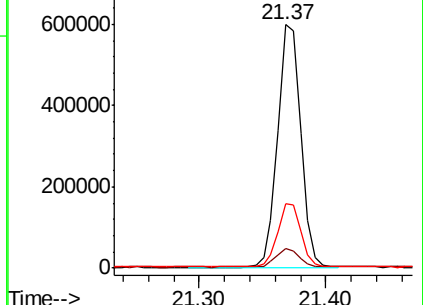
236 26.2 20.9 31.3

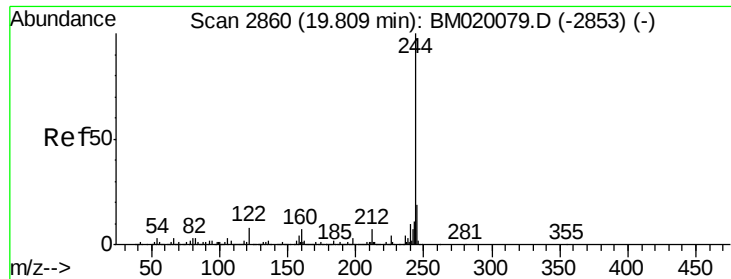


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 10.919 ng

RT: 19.81 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

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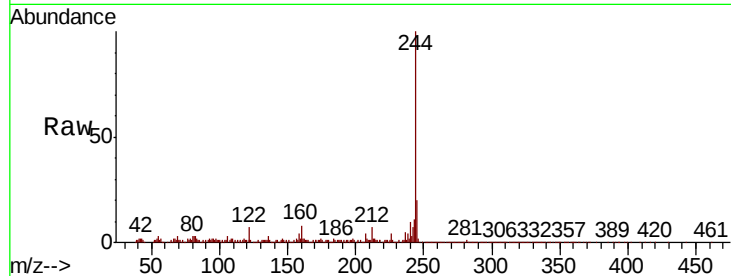
Tgt Ion:244 Resp: 473934

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

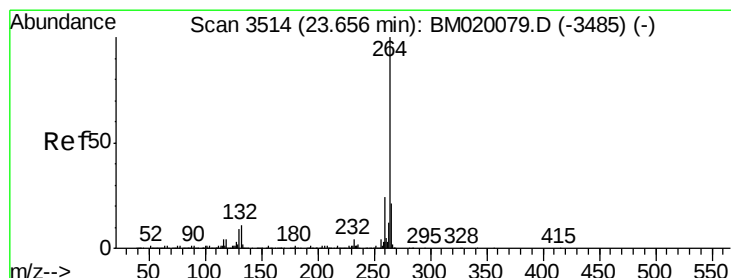
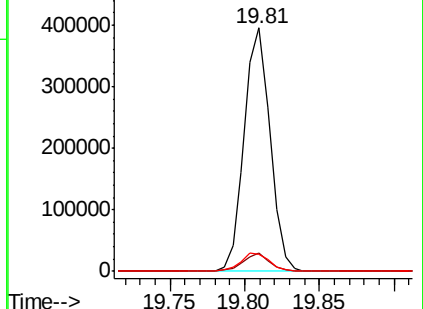
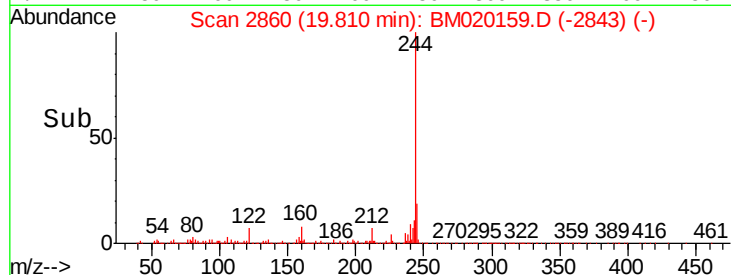
122 6.9 6.2 9.2



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: 23.67 min Scan# 3516

Delta R.T. 0.01 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

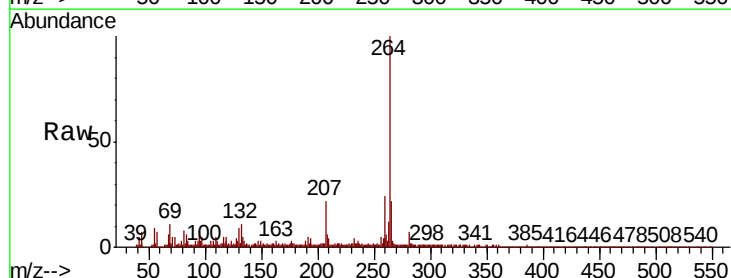
Tgt Ion:264 Resp: 899048

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

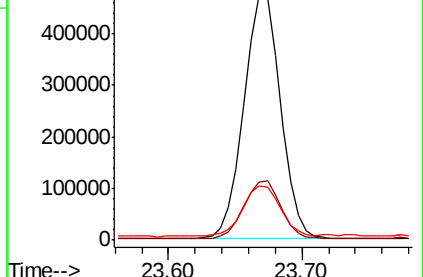
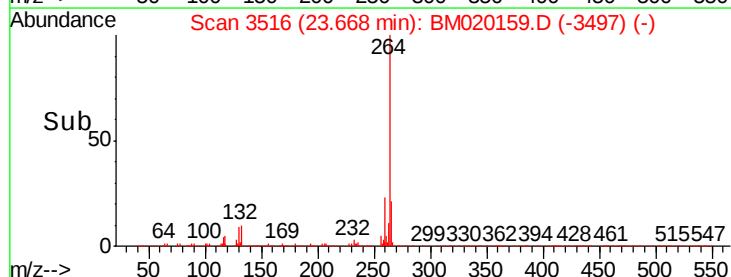
265 22.4 16.9 25.3

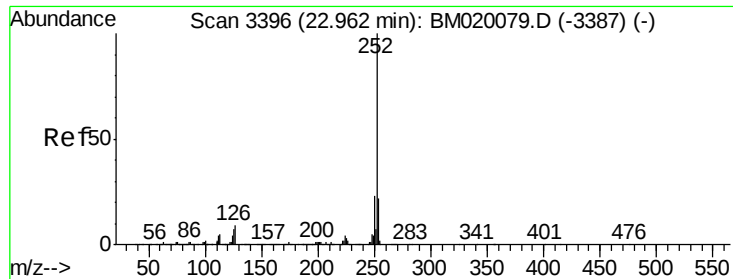


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.110 ng

RT: 22.97 min Scan# 3398

Delta R.T. 0.01 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

Instrument :

BNA_M

ClientSampleId :

SB-11-COMP

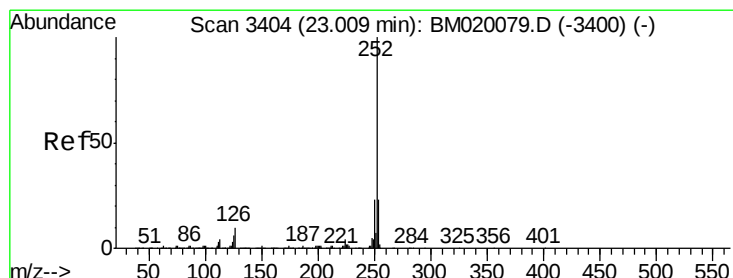
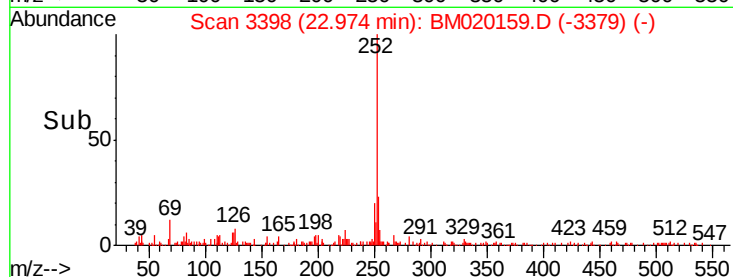
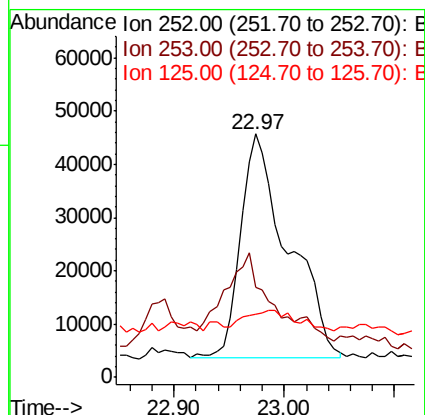
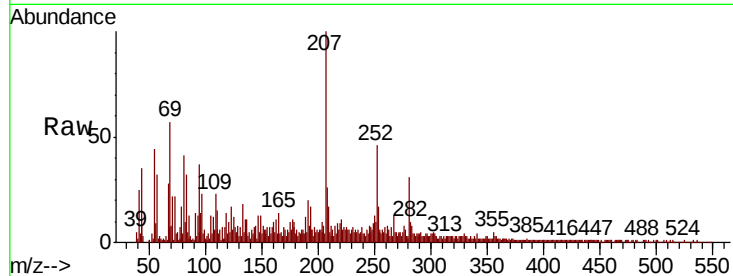
Tgt Ion:252 Resp: 125244

Ion Ratio Lower Upper

252 100

253 36.8 17.5 26.3#

125 25.8 5.4 8.2#



#89

Benzo(k)fluoranthene

Concen: 2.336 ng

RT: 22.97 min Scan# 3398

Delta R.T. -0.04 min

Lab File: BM020159.D

Acq: 07 May 2019 08:14

Tgt Ion:252 Resp: 126519

Ion Ratio Lower Upper

252 100

253 36.8 17.8 26.8#

125 25.8 5.4 8.0#

