

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
 Data File : BM022233.D
 Acq On : 21 Aug 2019 17:34
 Operator : HP/JU
 Sample : K4383-03RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 03:44:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 02:18:05 2019
 Response via : Initial Calibration

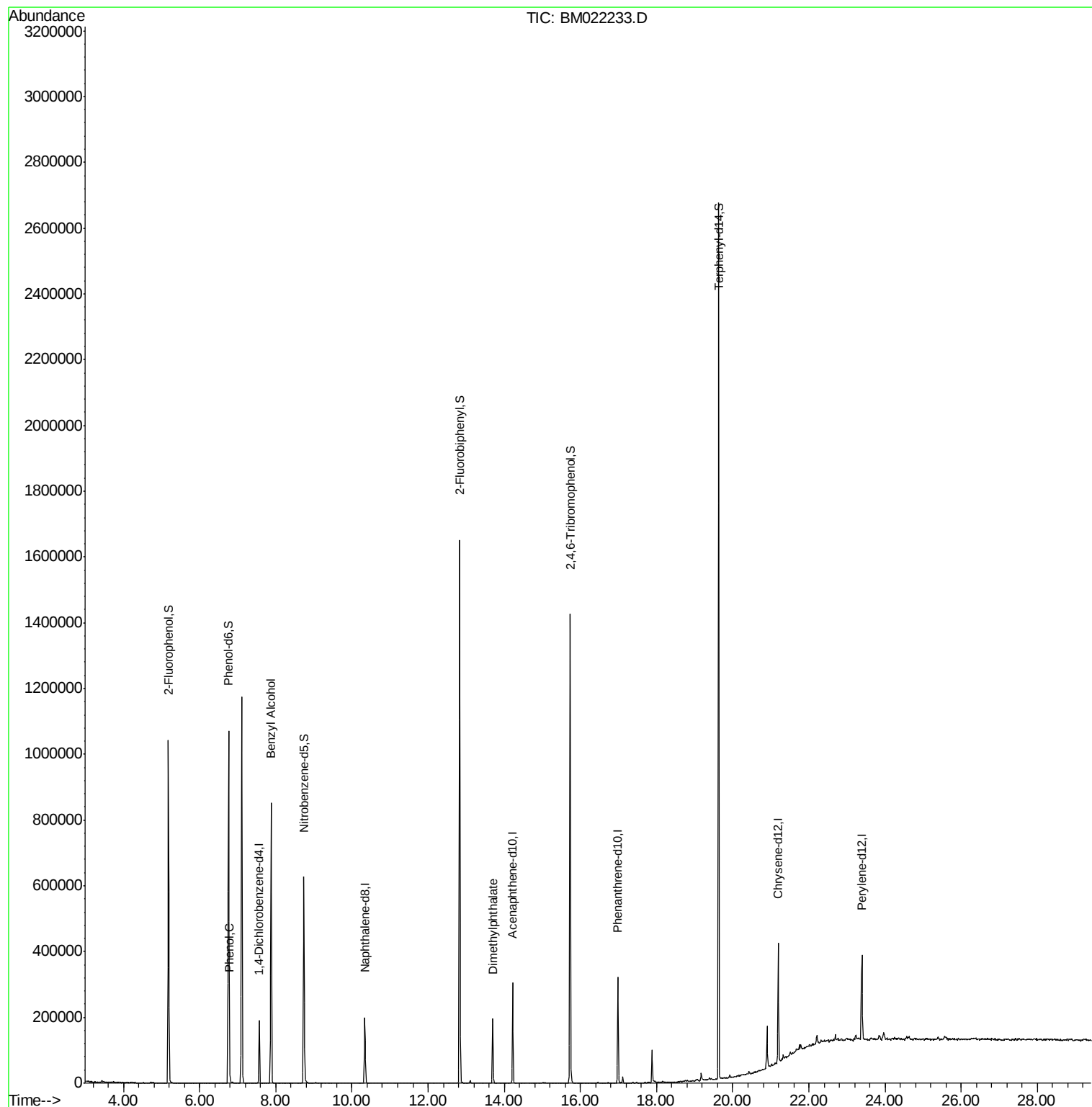
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	41854	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	154659	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	95160	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	179127	20.00	ng	0.00
76) Chrysene-d12	21.19	240	151076	20.00	ng	0.00
87) Perylene-d12	23.39	264	180484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	352704	150.17	ng	0.00
7) Phenol-d6	6.76	99	473527	151.39	ng	0.00
23) Nitrobenzene-d5	8.74	82	334562	105.21	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	236799	153.74	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	778533	102.18	ng	0.00
79) Terphenyl-d14	19.63	244	1087062	104.84	ng	0.00
Target Compounds						
10) Phenol	6.79	94	12577	3.798	ng	75
15) Benzyl Alcohol	7.87	79	6775	2.464	ng	# 55
50) Dimethylphthalate	13.70	163	124496	15.561	ng	100

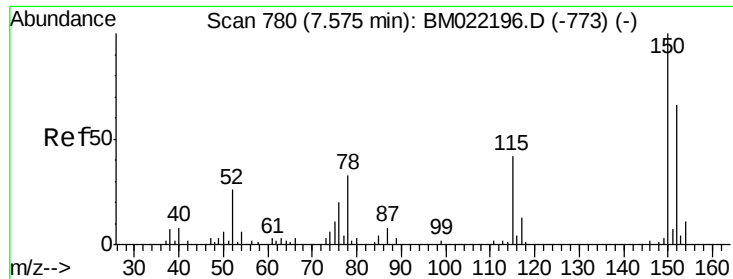
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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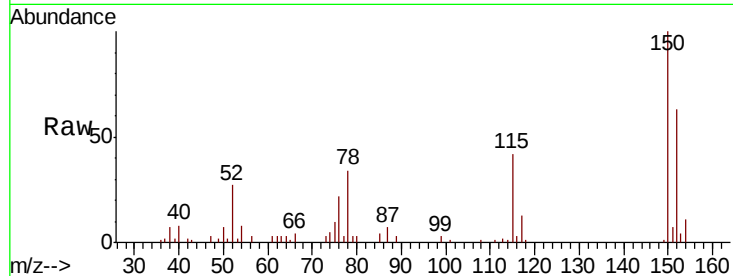




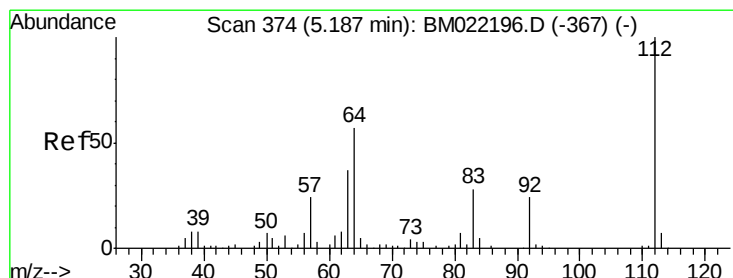
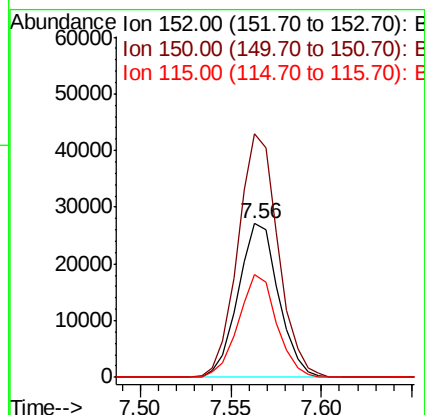
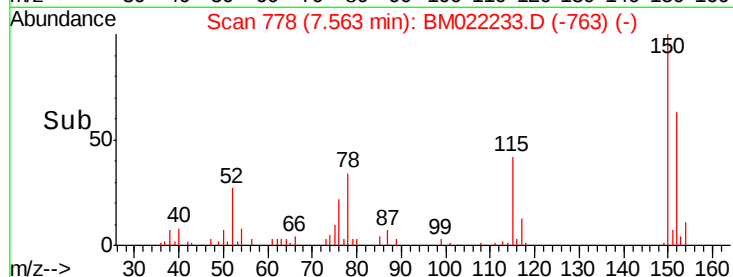
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.56 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BM022233.D
 Acq: 21 Aug 2019 17:34

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:152 Resp: 41854
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.1 184.7
 115 67.1 44.2 66.4#

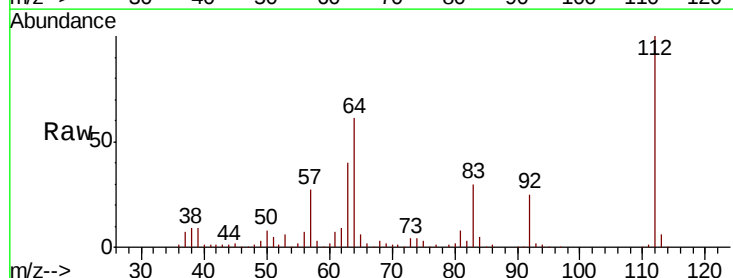


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

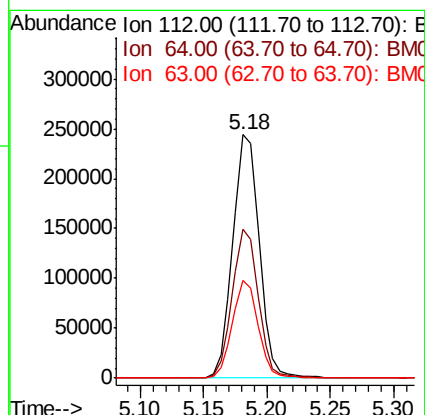
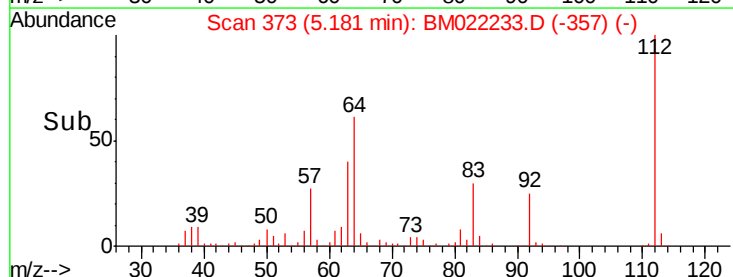


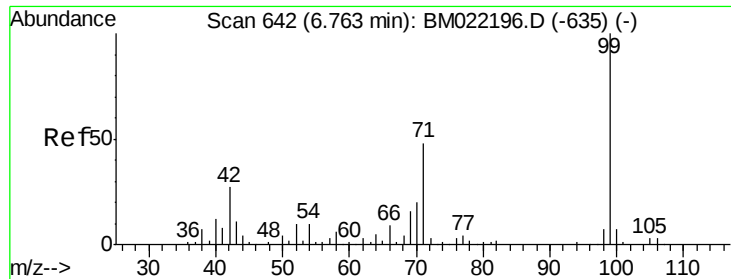
#5
 2-Fluorophenol
 Concen: 150.167 ng
 RT: 5.18 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BM022233.D
 Acq: 21 Aug 2019 17:34

Tgt Ion:112 Resp: 352704
 Ion Ratio Lower Upper
 112 100
 64 60.9 45.2 67.8
 63 40.0 23.5 35.3#



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: 151.395 ng

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM022233.D

Acq: 21 Aug 2019 17:34

Instrument :

BNA_M

ClientSampled :

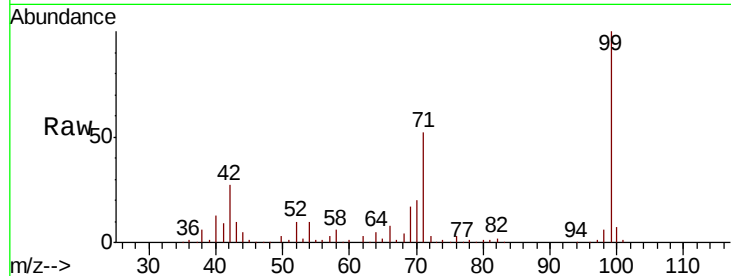
Tot Ion: 99 Resp: 473527

Ion Ratio Lower Upper

99 100

42 27.4 13.5 20.3#

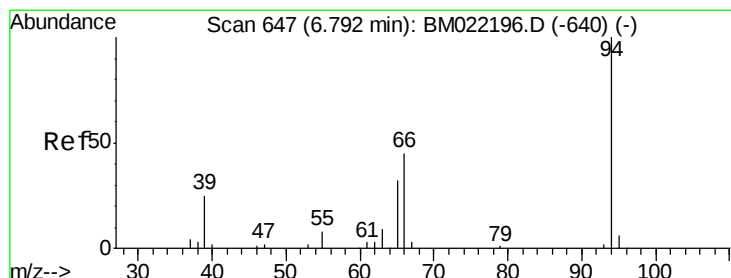
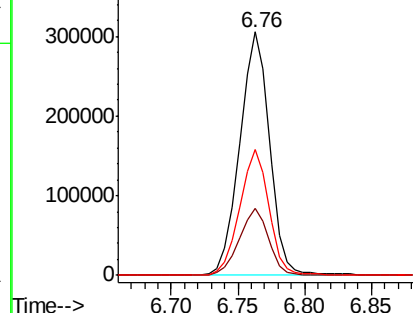
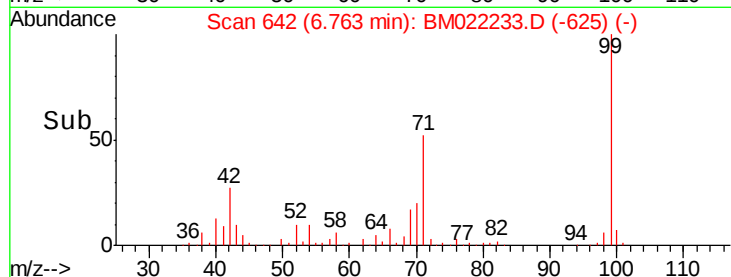
71 51.7 29.3 43.9#



Abundance Ion 99.00 (98.70 to 99.70): BM022233.D (-625) (-)

Ion 42.00 (41.70 to 42.70): BM022233.D (-625) (-)

Ion 71.00 (70.70 to 71.70): BM022233.D (-625) (-)



#10

Phenol

Concen: 3.798 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM022233.D

Acq: 21 Aug 2019 17:34

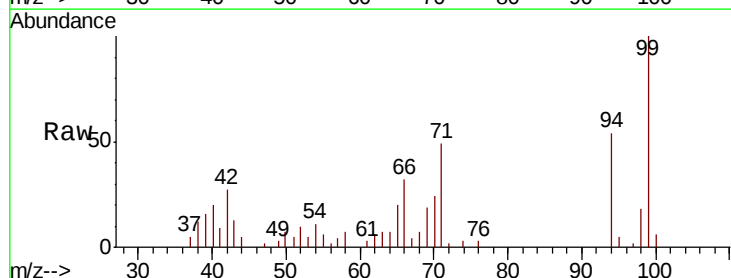
Tgt Ion: 94 Resp: 12577

Ion Ratio Lower Upper

94 100

65 37.4 8.7 48.7

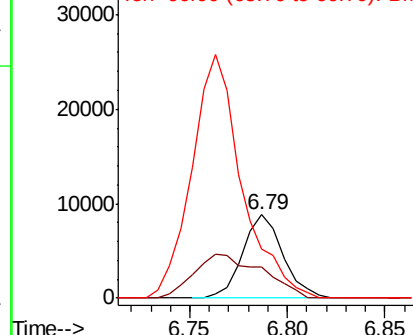
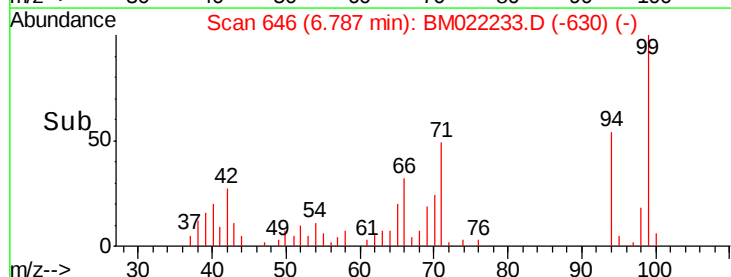
66 58.3 19.0 59.0

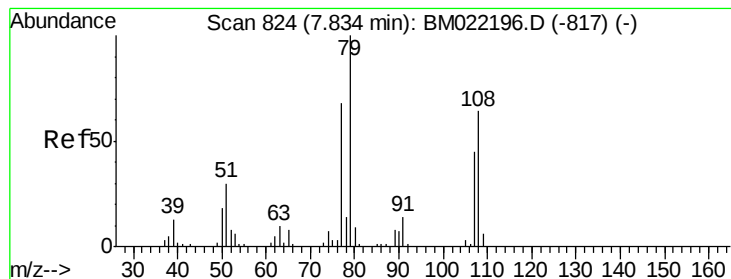


Abundance Ion 94.00 (93.70 to 94.70): BM022233.D (-630) (-)

Ion 65.00 (64.70 to 65.70): BM022233.D (-630) (-)

Ion 66.00 (65.70 to 66.70): BM022233.D (-630) (-)





#15

Benzyl Alcohol

Concen: 2.464 ng

RT: 7.87 min Scan# 831

Delta R.T. 0.04 min

Lab File: BM022233.D

Acq: 21 Aug 2019 17:34

Instrument :

BNA_M

ClientSampleId :

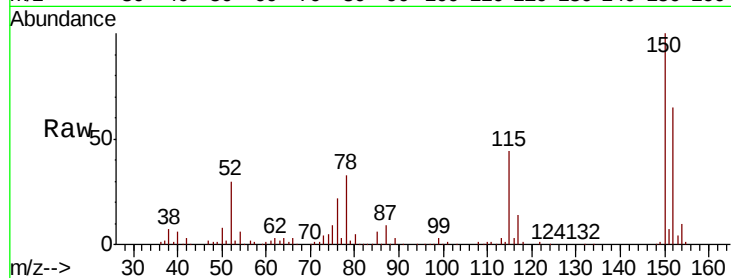
Tot Ion: 79 Resp: 6775

Ion Ratio Lower Upper

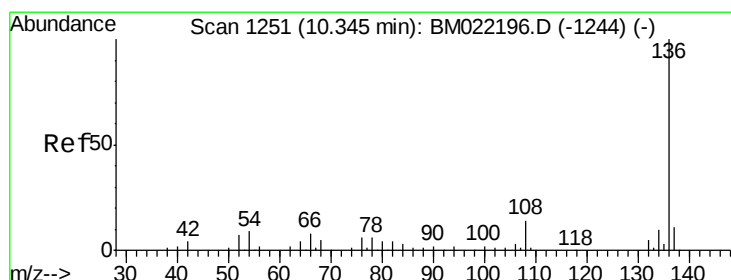
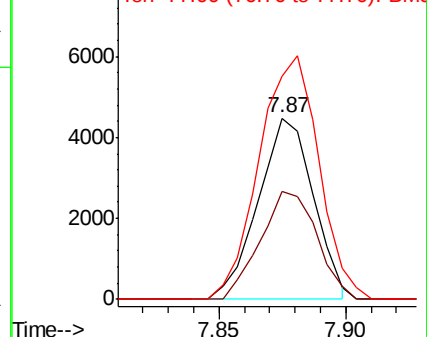
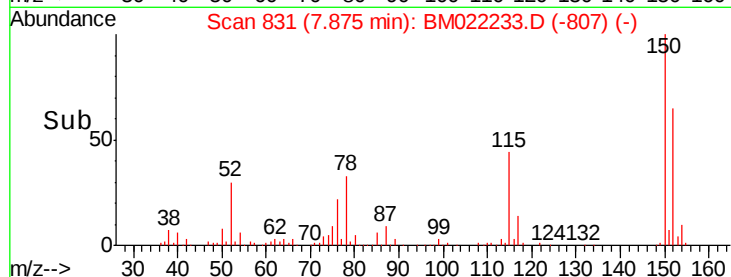
79 100

108 59.3 58.4 87.6

77 122.9 50.1 75.1#



Abundance Ion 79.00 (78.70 to 79.70): BM022233.D (-807) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM022233.D

Acq: 21 Aug 2019 17:34

Tgt Ion: 136 Resp: 154659

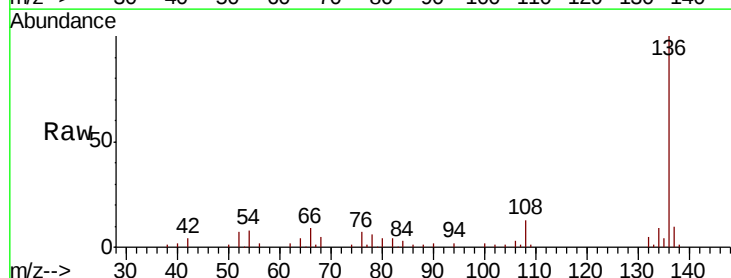
Ion Ratio Lower Upper

136 100

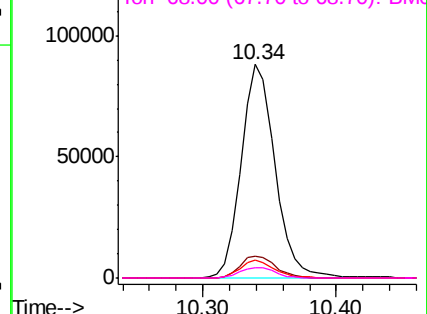
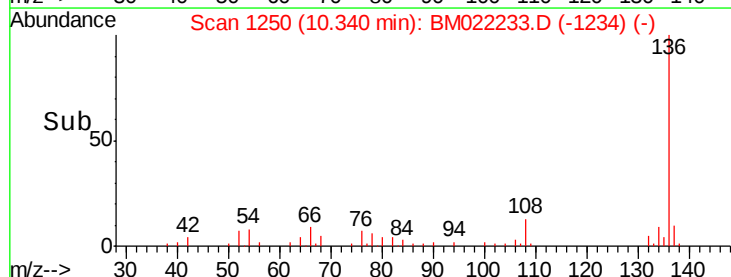
137 10.4 8.6 13.0

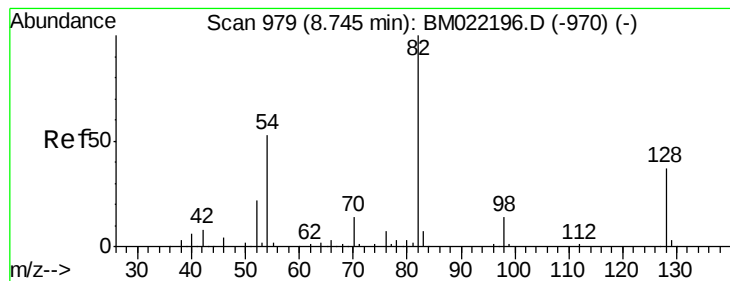
54 8.2 5.3 7.9#

68 4.8 4.4 6.6



Abundance Ion 136.00 (135.70 to 136.70): BM022233.D (-1234) (-)





#23

Nitrobenzene-d5

Concen: 105.213 ng

RT: 8.74 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM022233.D

Acq: 21 Aug 2019 17:34

Instrument :

BNA_M

ClientSampled :

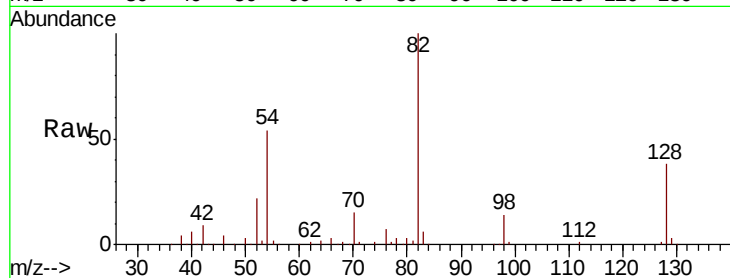
Tot Ion: 82 Resp: 334562

Ion Ratio Lower Upper

82 100

128 38.2 35.9 53.9

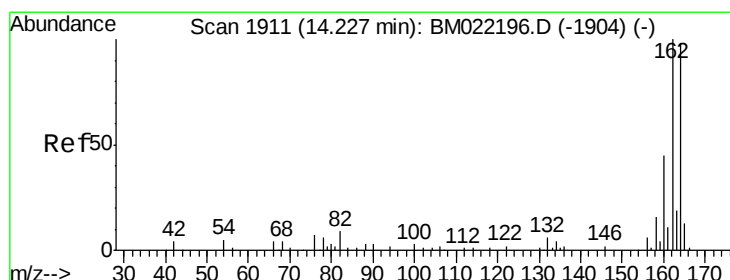
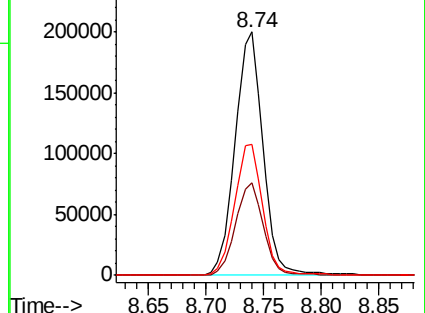
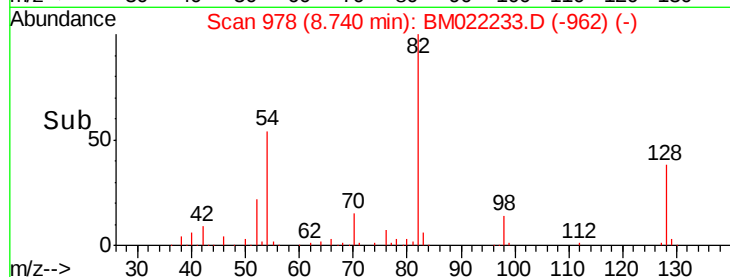
54 54.0 36.6 55.0



Abundance Ion 82.00 (81.70 to 82.70): BM022233.D (-962) (-)

Ion 128.00 (127.70 to 128.70): BM022233.D (-962) (-)

Ion 54.00 (53.70 to 54.70): BM022233.D (-962) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM022233.D

Acq: 21 Aug 2019 17:34

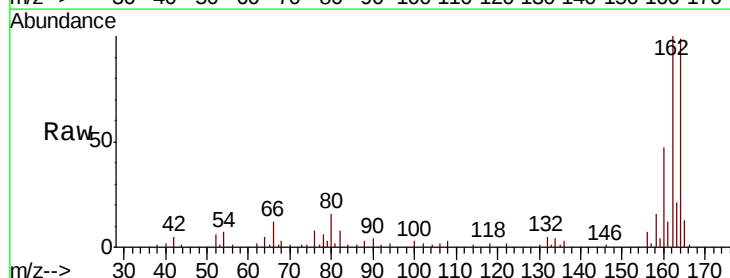
Tgt Ion: 164 Resp: 95160

Ion Ratio Lower Upper

164 100

162 100.9 82.1 123.1

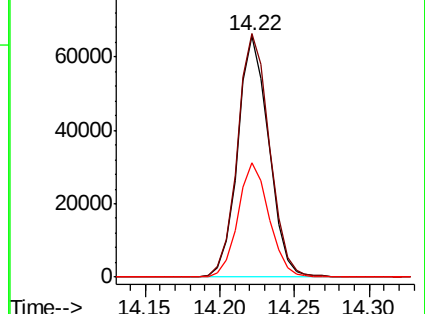
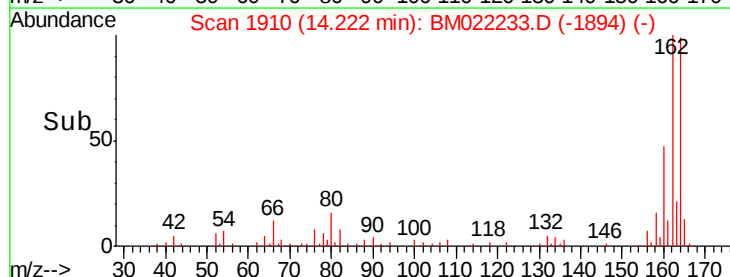
160 47.6 37.1 55.7

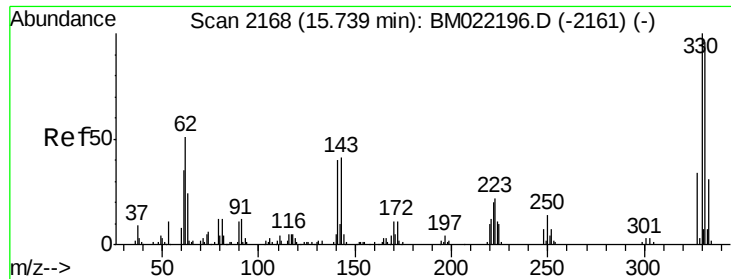


Abundance Ion 164.00 (163.70 to 164.70): BM022233.D (-1894) (-)

Ion 162.00 (161.70 to 162.70): BM022233.D (-1894) (-)

Ion 160.00 (159.70 to 160.70): BM022233.D (-1894) (-)

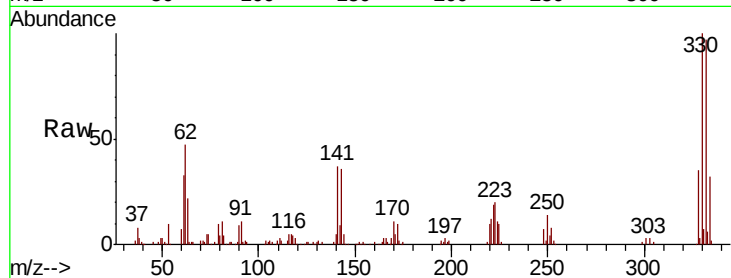




#42
 2,4,6-Tribromophenol
 Concen: 153.741 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM022233.D
 Acq: 21 Aug 2019 17:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	40.6	21.8	32.8#

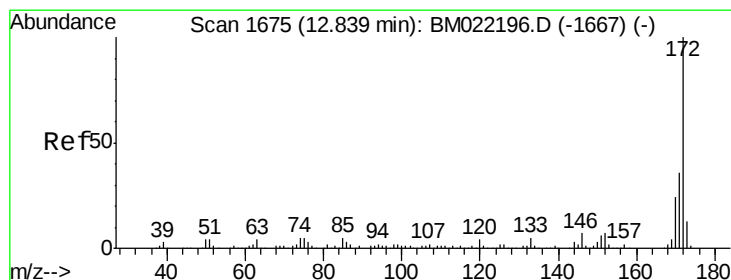
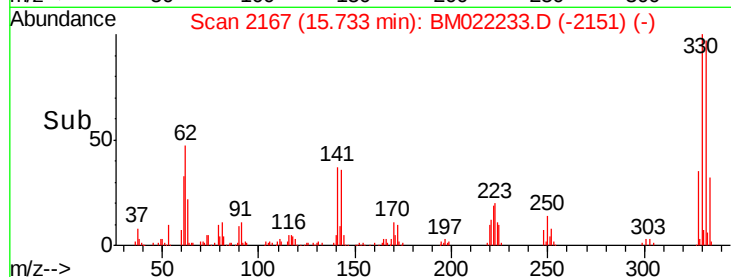
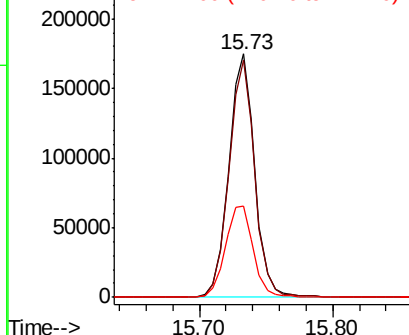


Abundance

Ion 329.80 (329.50 to 330.50): E

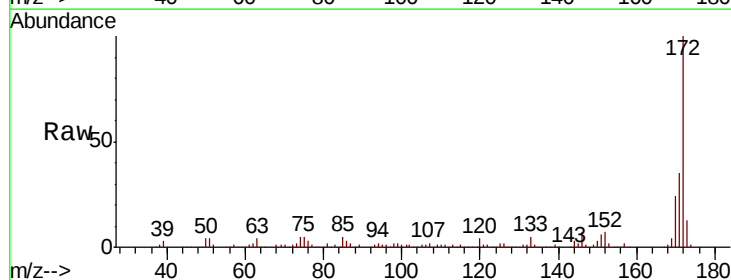
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.184 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM022233.D
 Acq: 21 Aug 2019 17:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.9	18.7	28.1

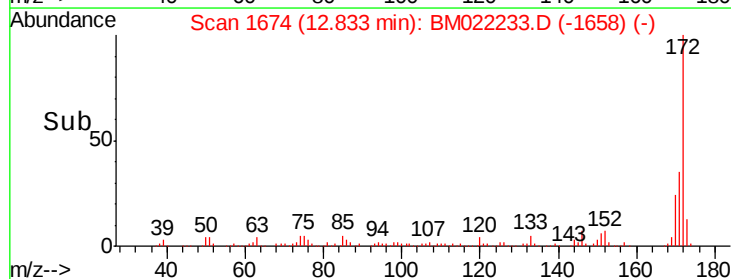
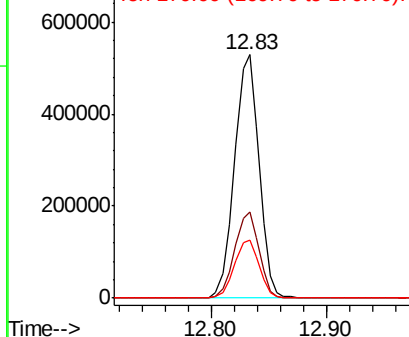


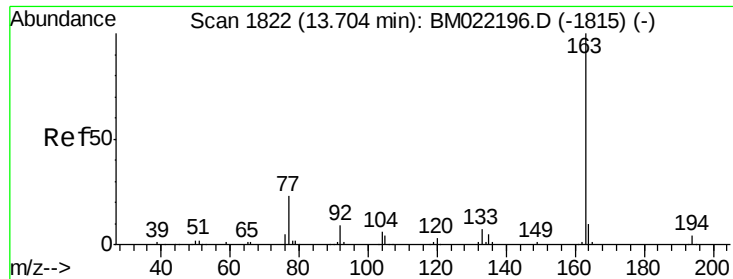
Abundance

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

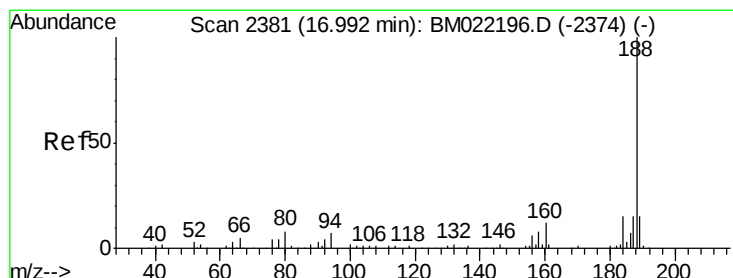
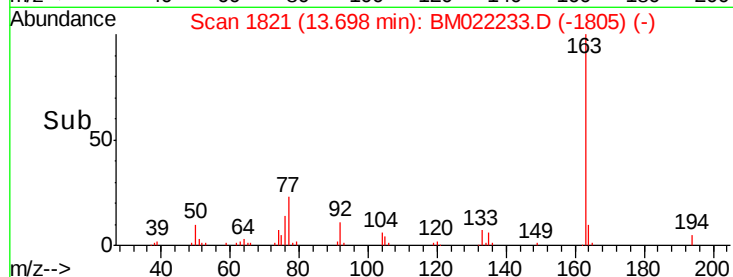
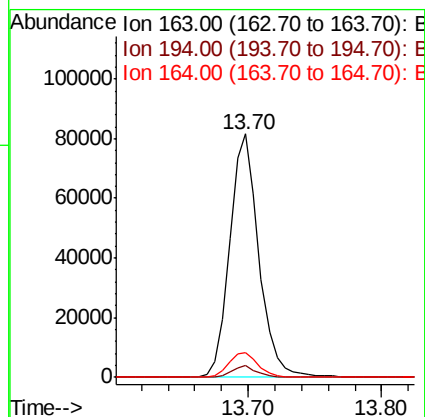
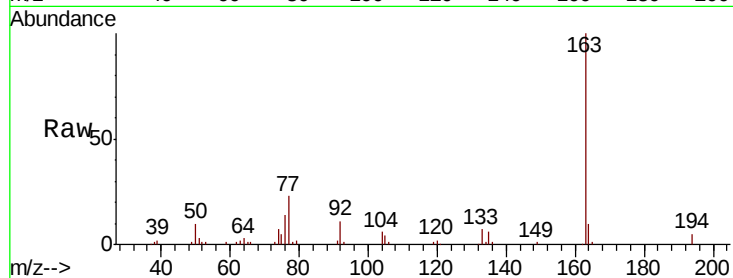




#50
Dimethylphthalate
Concen: 15.561 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM022233.D
Acq: 21 Aug 2019 17:34

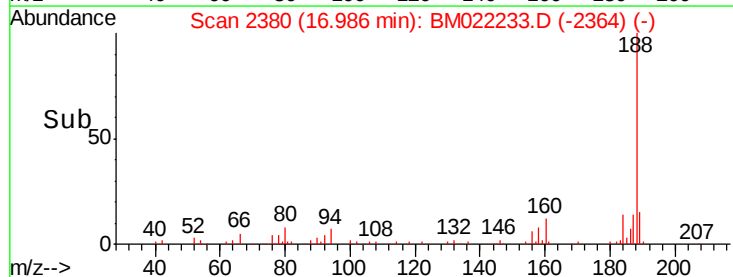
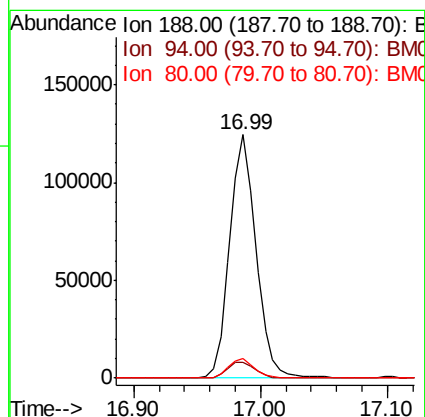
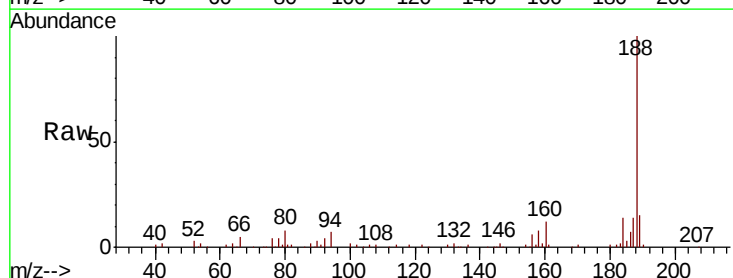
Instrument :
BNA_M
ClientSampled :

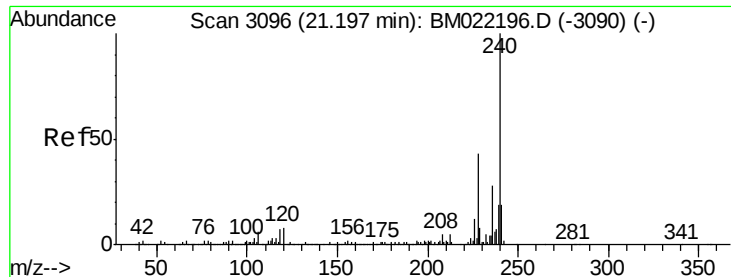
Tot Ion:163 Resp: 124496
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.2 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022233.D
Acq: 21 Aug 2019 17:34

Tgt Ion:188 Resp: 179127
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 7.9 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM022233.D

Acq: 21 Aug 2019 17:34

Instrument :

BNA_M

ClientSampleId :

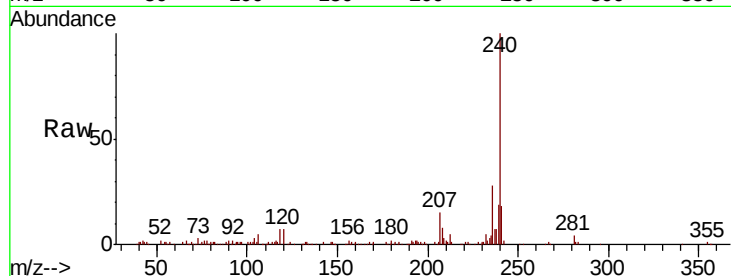
Tot Ion:240 Resp: 151076

Ion Ratio Lower Upper

240 100

120 6.8 6.9 10.3#

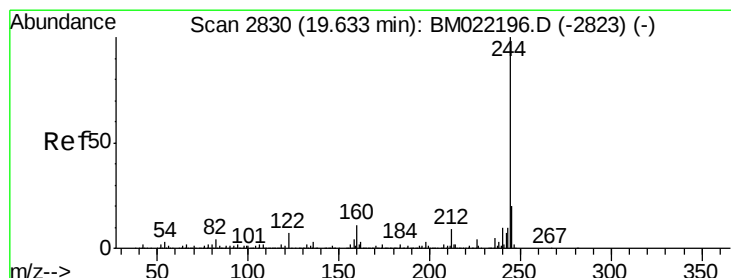
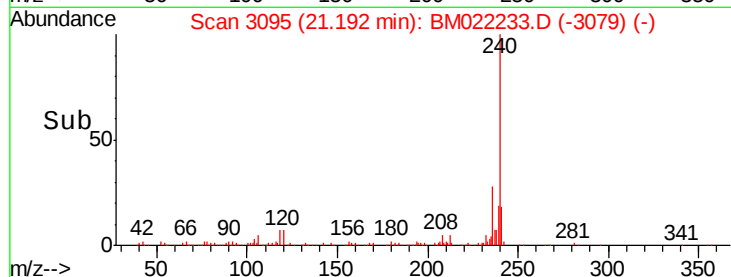
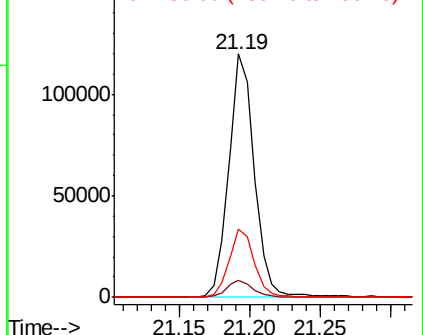
236 28.0 20.4 30.6



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: 104.844 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM022233.D

Acq: 21 Aug 2019 17:34

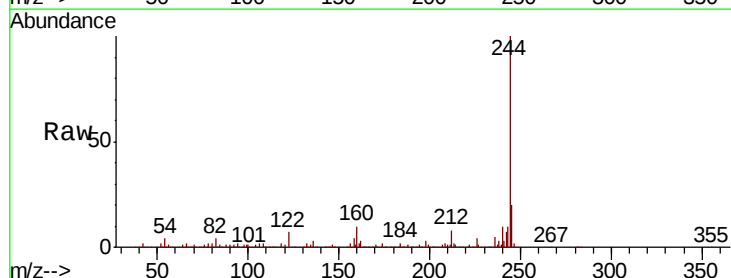
Tgt Ion:244 Resp: 1087062

Ion Ratio Lower Upper

244 100

212 8.5 5.3 7.9#

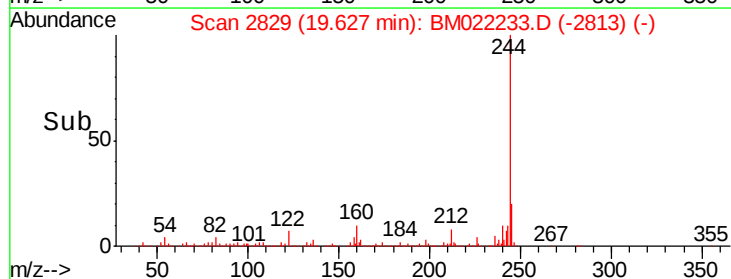
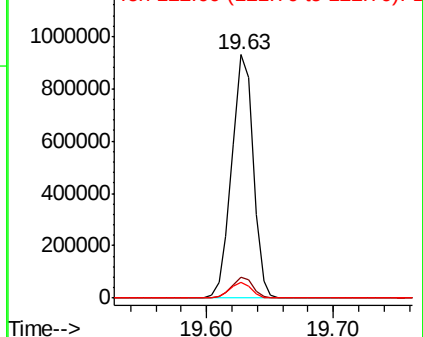
122 6.6 6.6 9.8

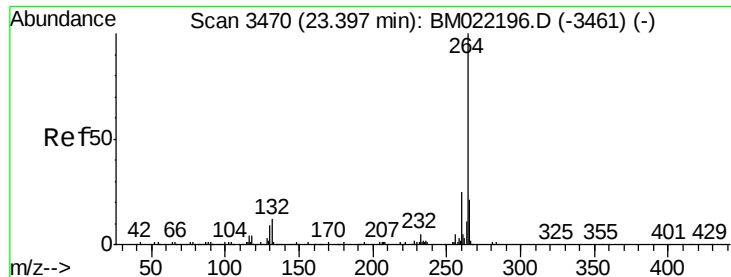


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.39 min Scan# 3469
 Delta R.T. -0.01 min
 Lab File: BM022233.D
 Acq: 21 Aug 2019 17:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	22.5	17.7	26.5

