

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020232.D
 Acq On : 10 May 2019 07:48
 Operator : JU/SJ
 Sample : K2727-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OWS-2

Quant Time: May 10 08:53:01 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

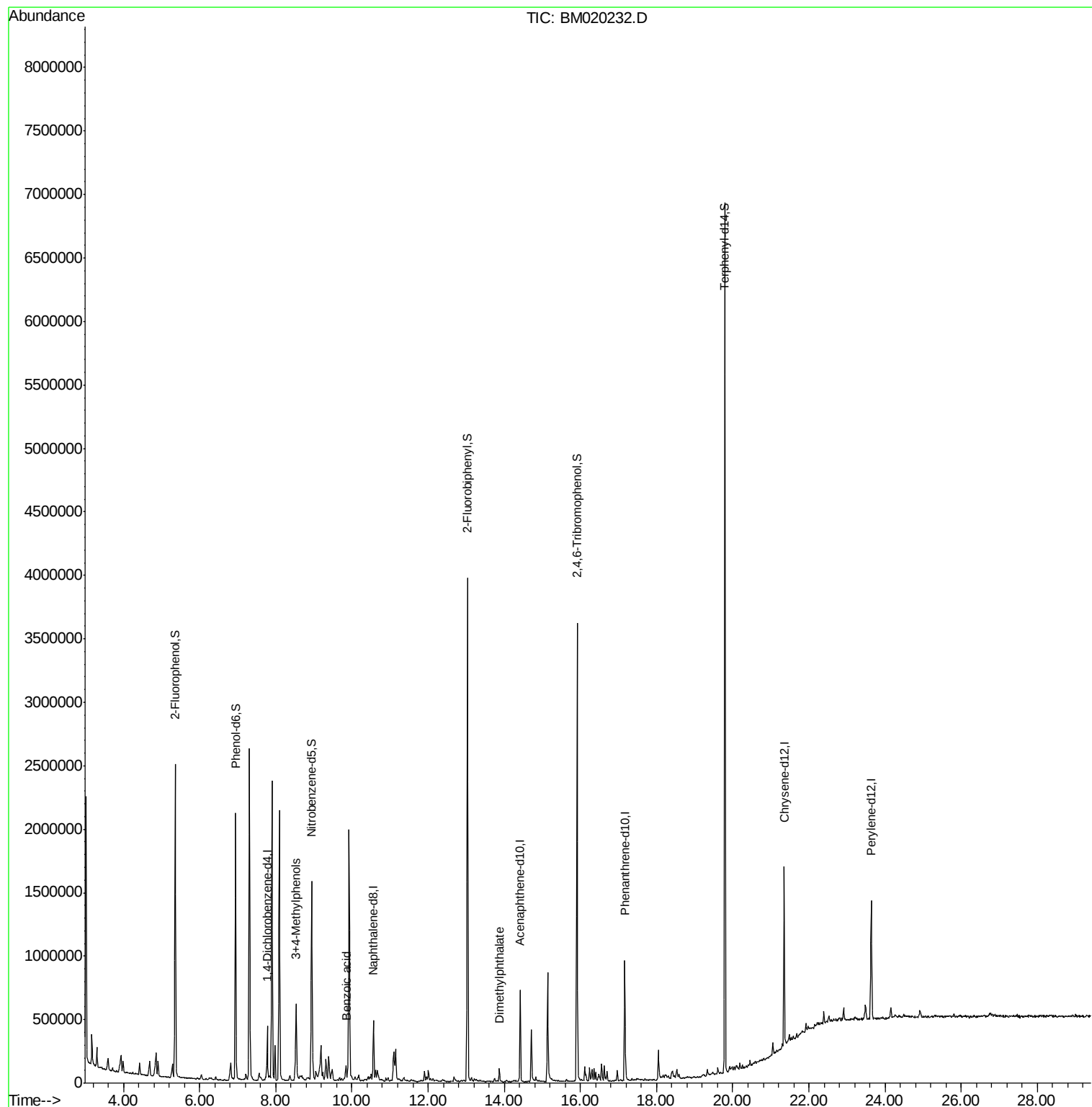
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	107512	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	378211	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	231588	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	555857	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	596811	20.00	ng	-0.02
87) Perylene-d12	23.64	264	700714	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	967080	147.03	ng	-0.01
7) Phenol-d6	6.95	99	1170670	130.28	ng	0.00
23) Nitrobenzene-d5	8.94	82	996679	104.04	ng	-0.02
42) 2,4,6-Tribromophenol	15.91	330	651417	181.22	ng	-0.01
45) 2-Fluorobiphenyl	13.03	172	2007767	106.67	ng	-0.02
79) Terphenyl-d14	19.79	244	3078817	89.98	ng	-0.02
Target Compounds						
20) 3+4-Methylphenols	8.54	107	193724	23.408	ng	89
32) Benzoic acid	9.85	122	43634m	17.203	ng	
50) Dimethylphthalate	13.87	163	58977	2.996	ng	99

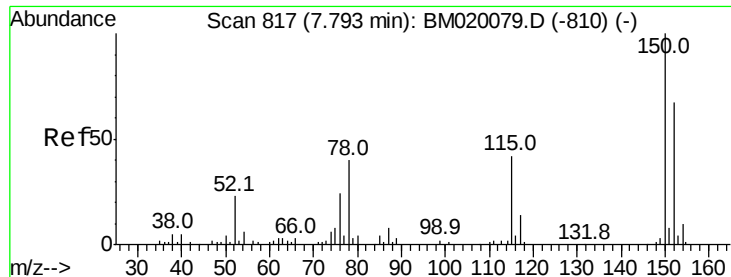
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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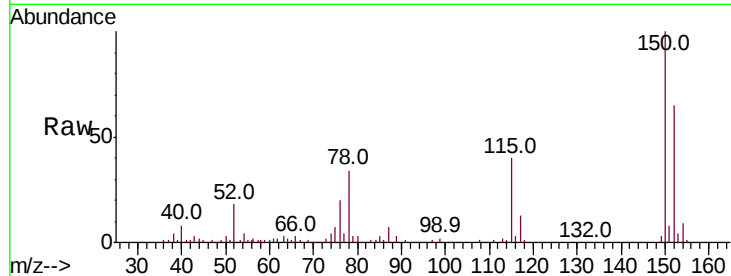


#1

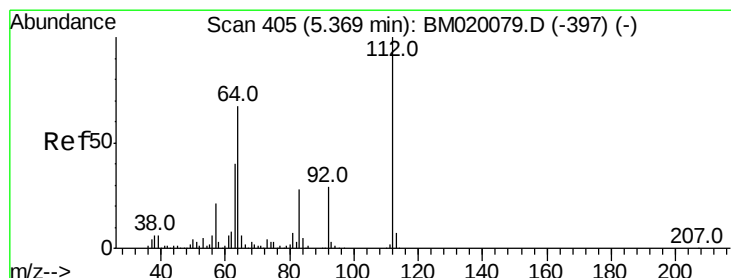
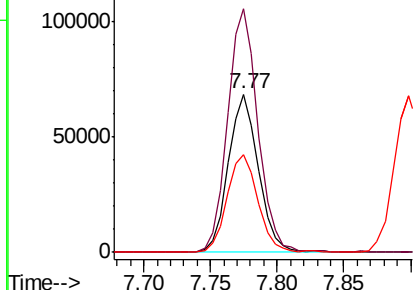
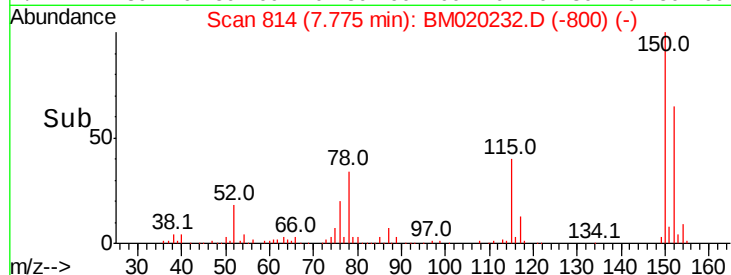
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.77 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BM020232.D
 Acq: 10 May 2019 07:48

Instrument :
 BNA_M
 ClientSampleId :
 OWS-2

Tot Ion:152 Resp: 107512
 Ion Ratio Lower Upper
 152 100
 150 153.6 119.8 179.8
 115 61.5 50.8 76.2



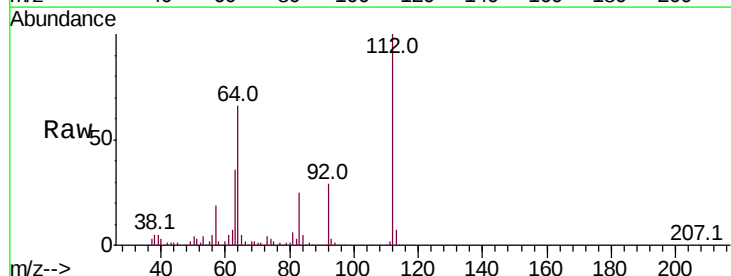
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



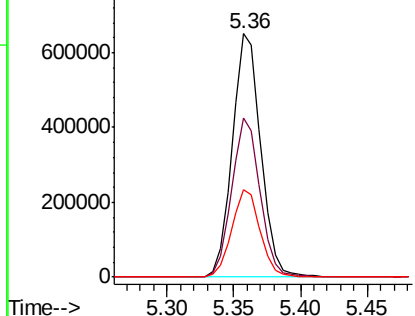
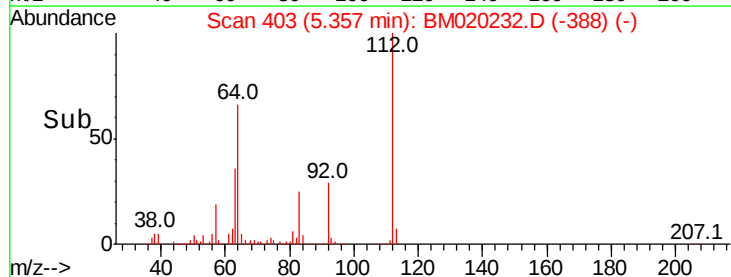
#5

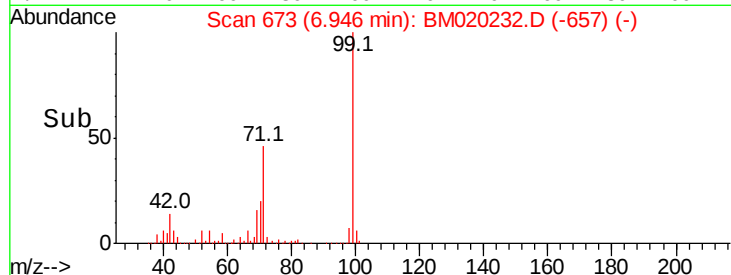
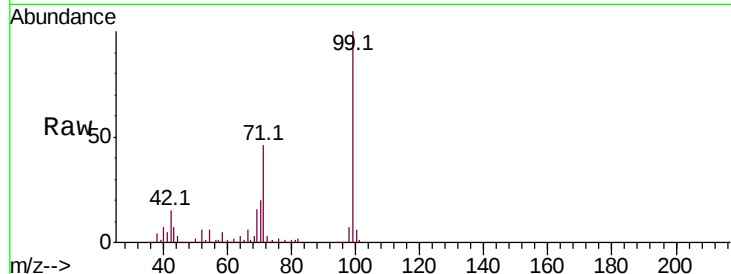
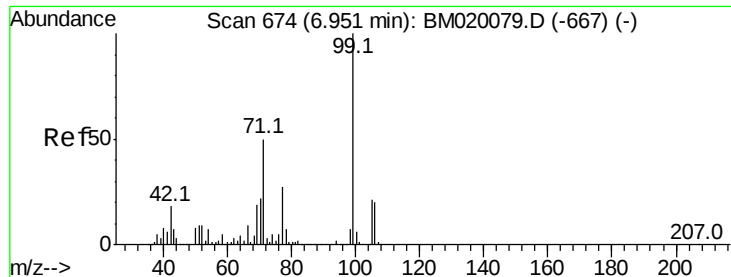
2-Fluorophenol
 Concen: 147.033 ng
 RT: 5.36 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BM020232.D
 Acq: 10 May 2019 07:48

Tgt Ion:112 Resp: 967080
 Ion Ratio Lower Upper
 112 100
 64 65.5 53.8 80.6
 63 35.9 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: 130.284 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020232.D

Acq: 10 May 2019 07:48

Instrument :

BNA_M

ClientSampled :

OWS-2

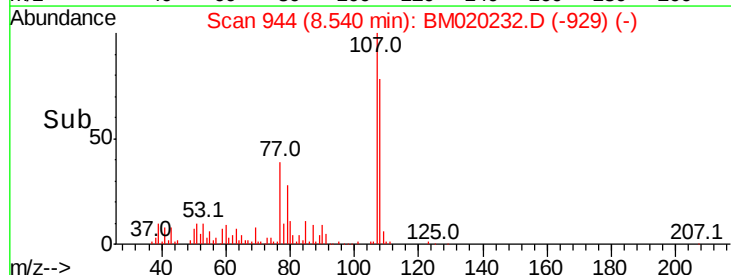
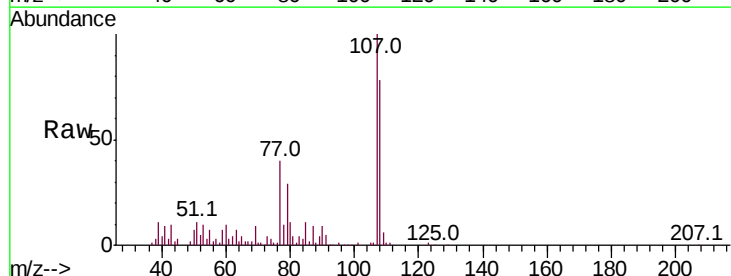
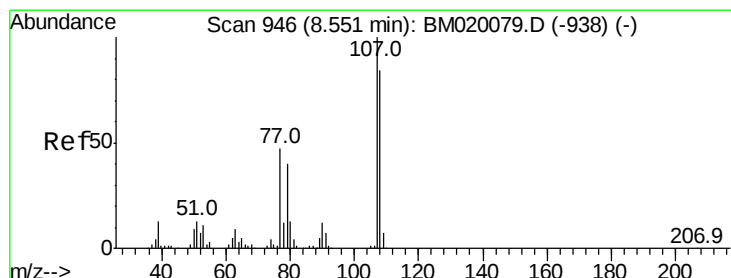
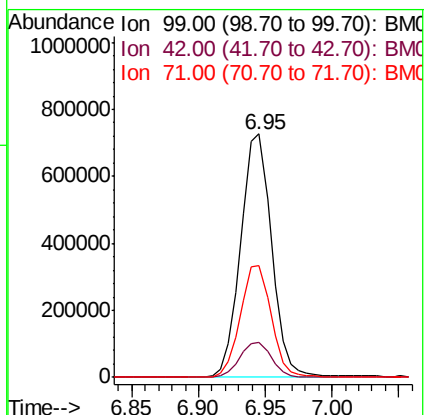
Tot Ion: 99 Resp: 1170670

Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.2

71 45.8 40.3 60.5



#20

3+4-Methylphenols

Concen: 23.408 ng

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM020232.D

Acq: 10 May 2019 07:48

Tgt Ion:107 Resp: 193724

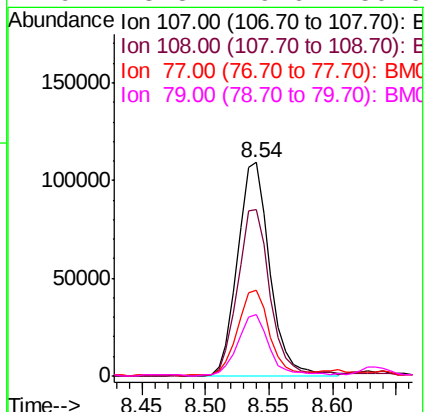
Ion Ratio Lower Upper

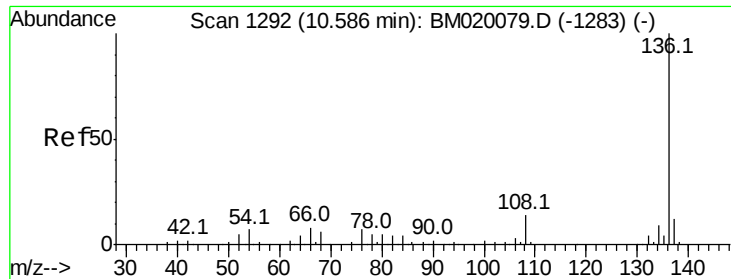
107 100

108 77.8 64.4 104.4

77 39.9 27.2 67.2

79 28.8 19.6 59.6

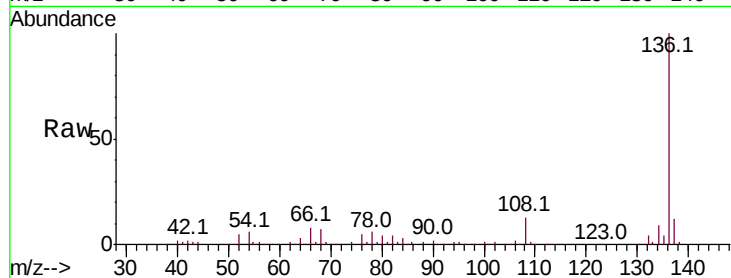




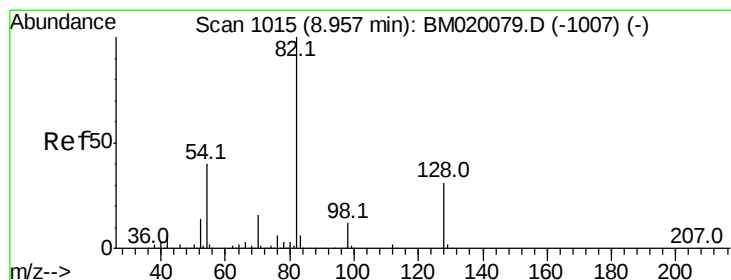
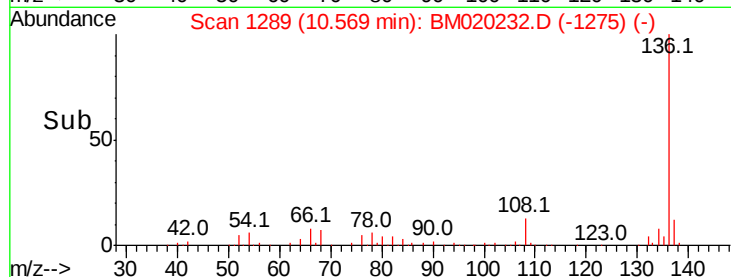
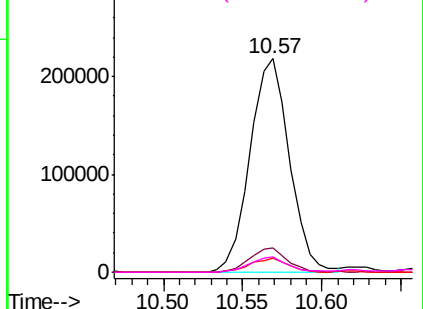
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Instrument :
BNA_M
ClientSampleId :
OWS-2

Tot Ion:136	Resp:	378211
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.6 14.4
54	6.5	5.5 8.3
68	6.9	4.6 6.8#

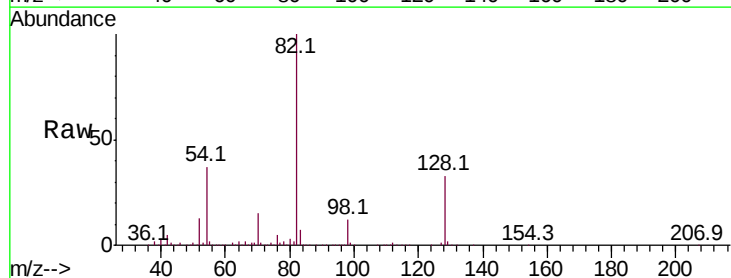


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

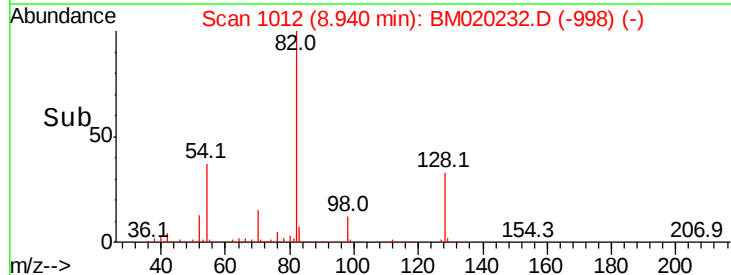
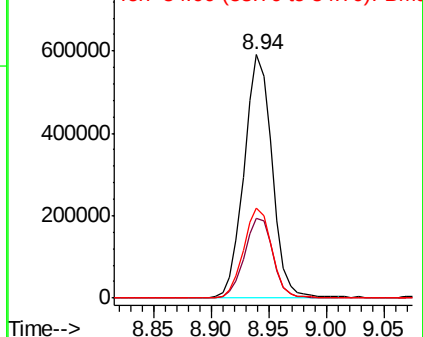


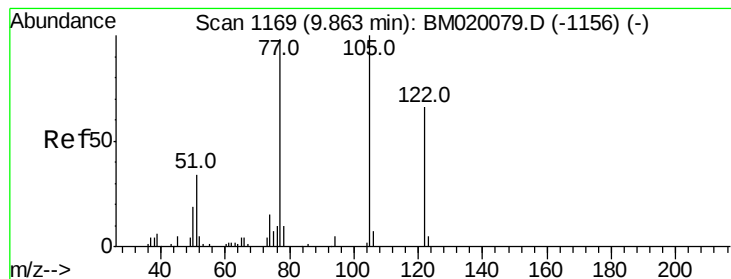
#23
Nitrobenzene-d5
Concen: 104.040 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Tgt Ion: 82	Resp:	996679
Ion	Ratio	Lower Upper
82	100	
128	32.8	25.2 37.8
54	36.9	31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#32

Benzoic acid

Concen: 17.203 ng/mL

RT: 9.85 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BM020232.D

Acq: 10 May 2019 07:48

Instrument :

BNA_M

ClientSampleId :

OWS-2

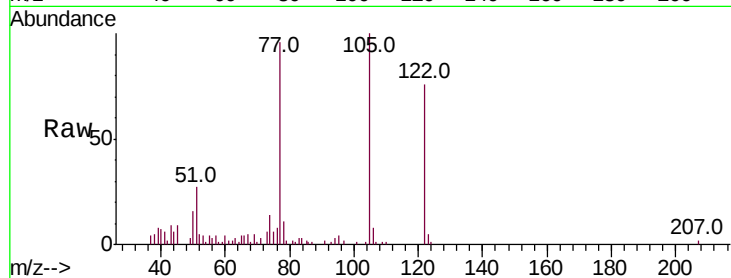
Tot Ion:122 Resp: 43634

Ion Ratio Lower Upper

122 100

105 131.4 122.5 162.5

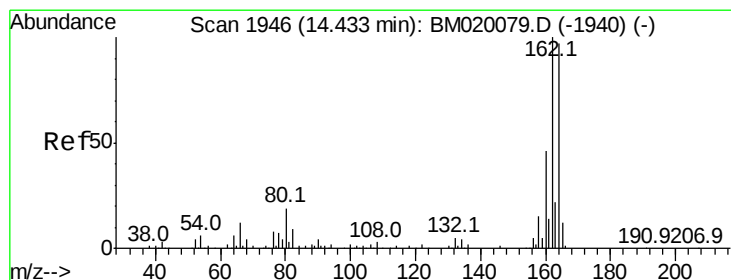
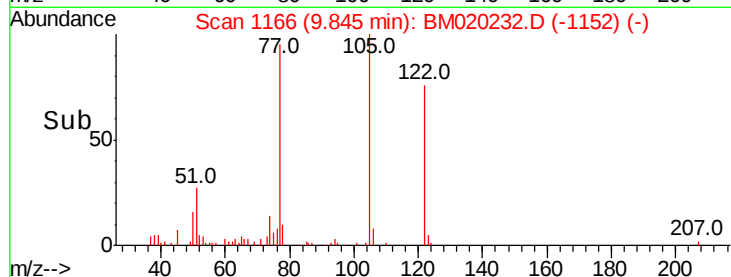
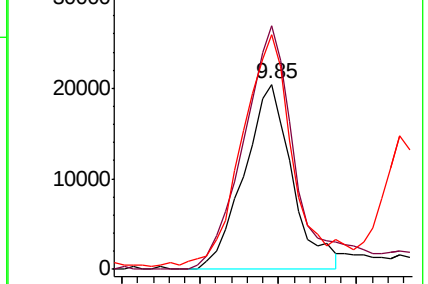
77 126.5 123.3 163.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BM020232.D

Acq: 10 May 2019 07:48

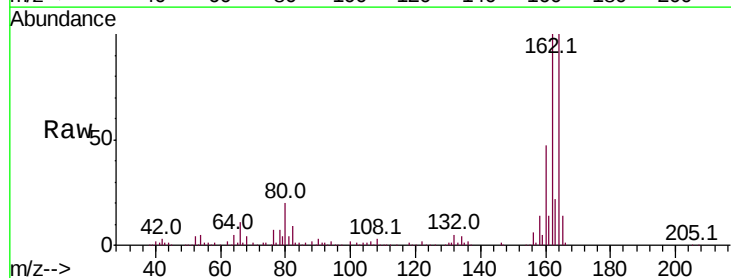
Tgt Ion:164 Resp: 231588

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.2

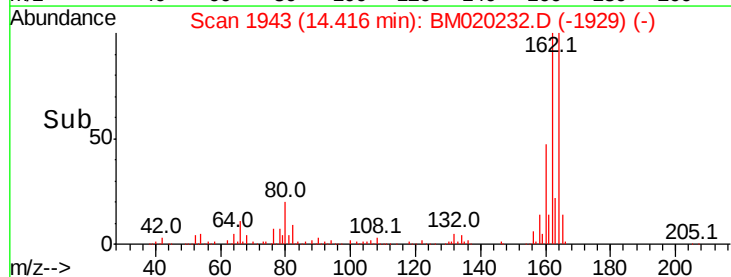
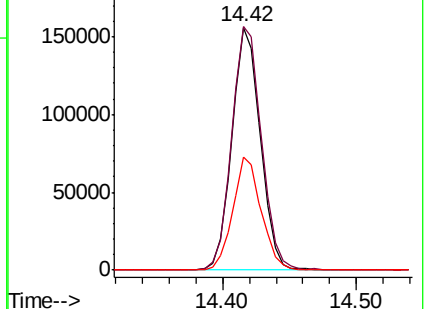
160 46.7 37.6 56.4

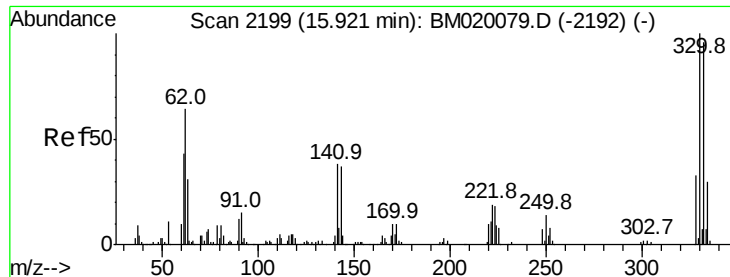


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

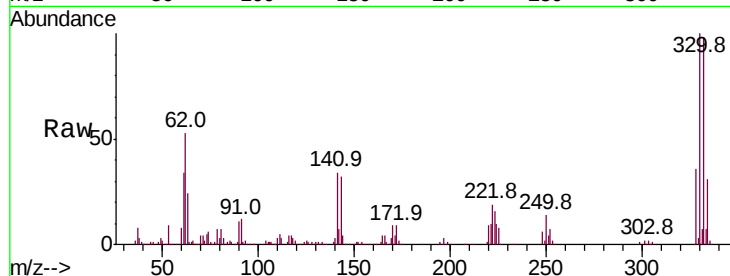




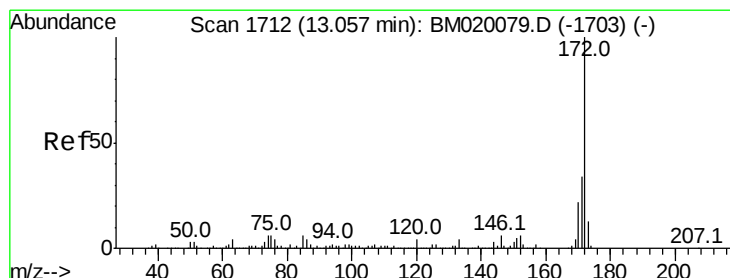
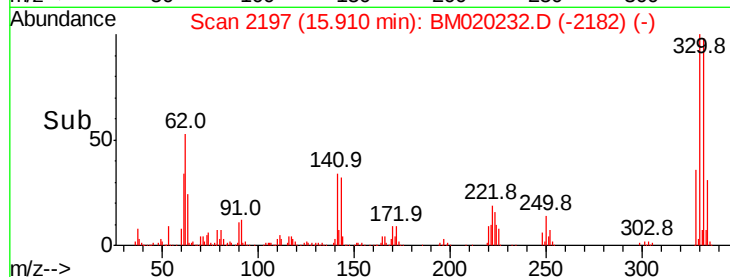
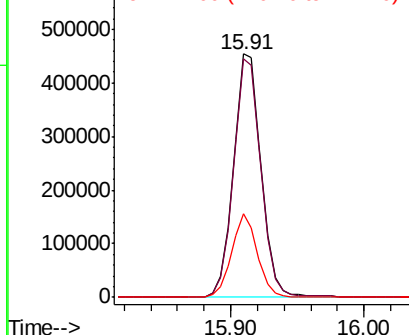
#42
 2,4,6-Tribromophenol
 Concen: 181.217 ng
 RT: 15.91 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BM020232.D
 Acq: 10 May 2019 07:48

Instrument :
 BNA_M
 ClientSampleId :
 OWS-2

Tot Ion:330 Resp: 651417
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.8 115.2
 141 32.5 29.2 43.8

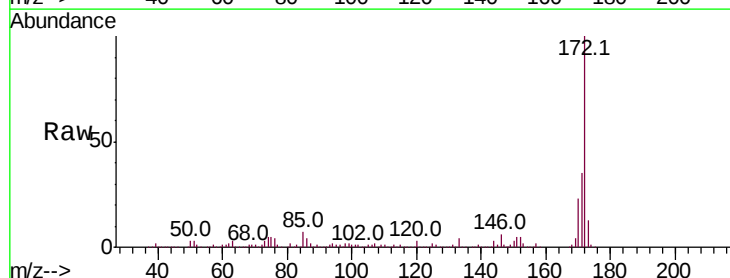


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

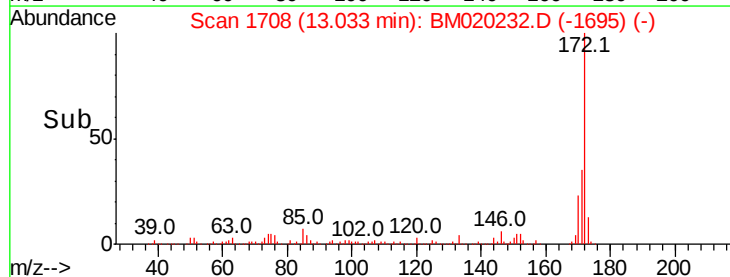
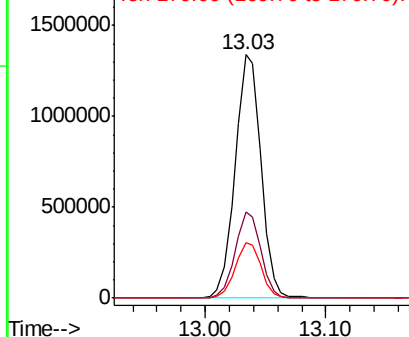


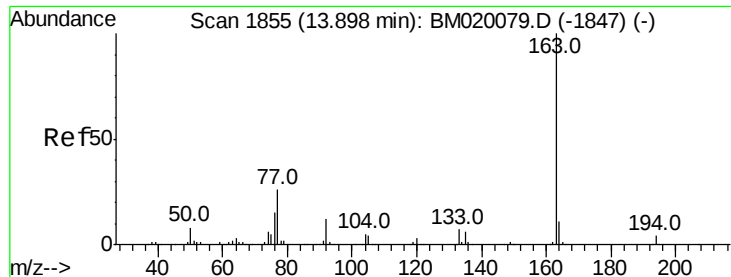
#45
 2-Fluorobiphenyl
 Concen: 106.667 ng
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.02 min
 Lab File: BM020232.D
 Acq: 10 May 2019 07:48

Tgt Ion:172 Resp: 2007767
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.3 40.9
 170 22.8 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: 2.996 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020232.D

Acq: 10 May 2019 07:48

Instrument :

BNA_M

ClientSampled :

OWS-2

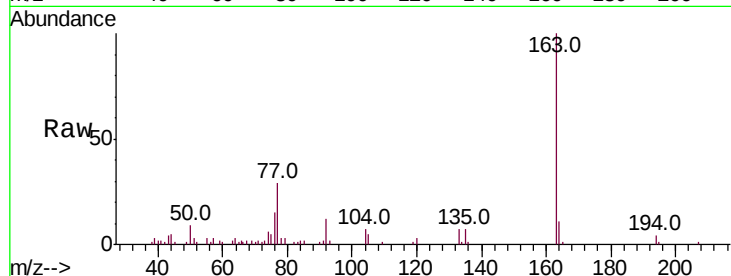
Tot Ion:163 Resp: 58977

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

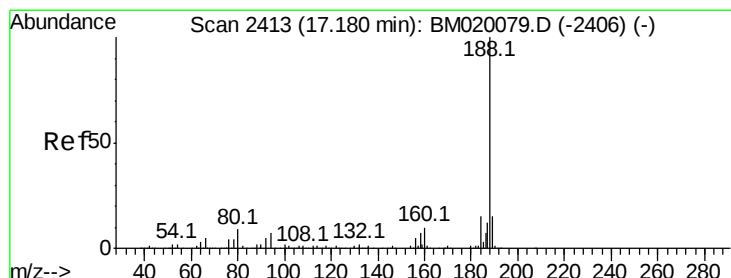
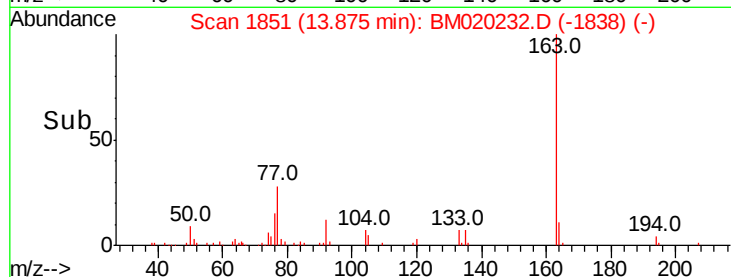
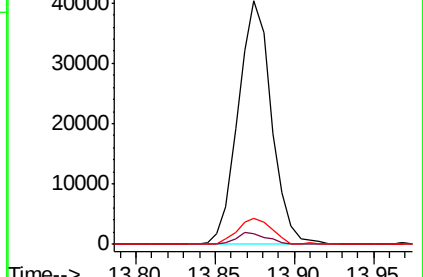
164 10.9 8.4 12.6



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# 2411

Delta R.T. -0.01 min

Lab File: BM020232.D

Acq: 10 May 2019 07:48

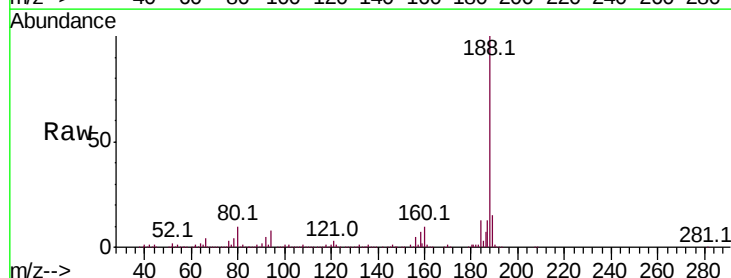
Tgt Ion:188 Resp: 555857

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

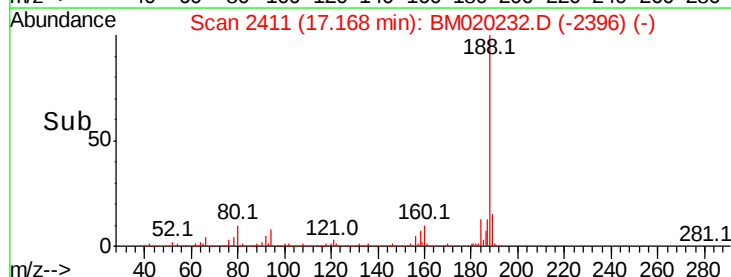
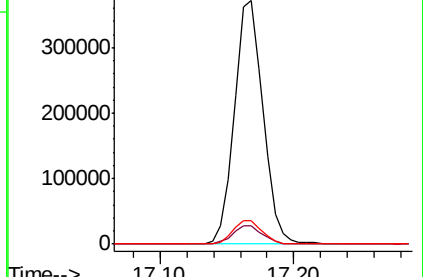
80 9.9 7.4 11.2

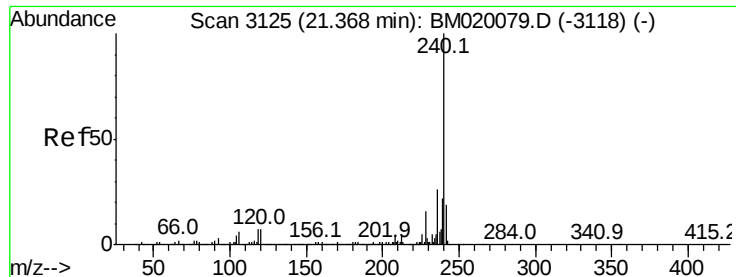


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

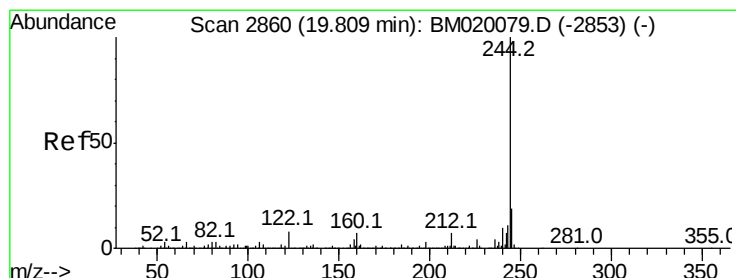
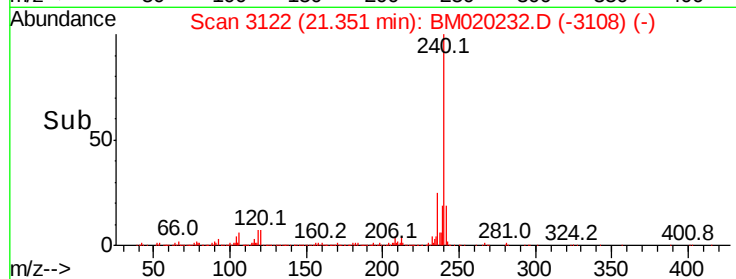
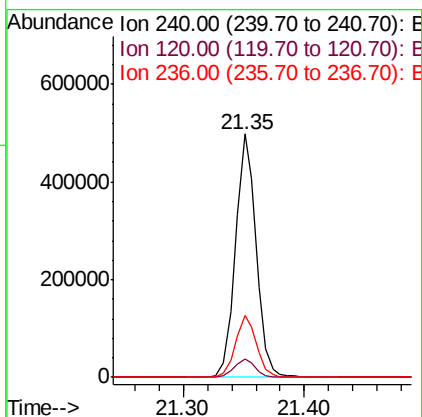
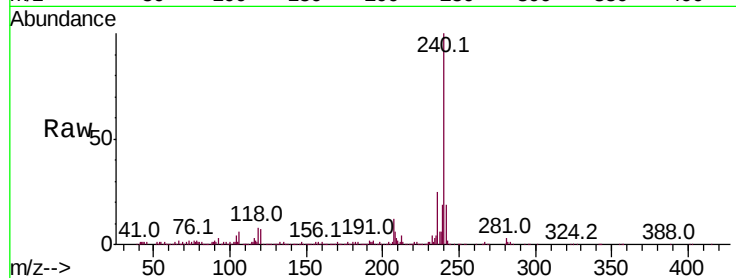




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.35 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BM020232.D
 Acq: 10 May 2019 07:48

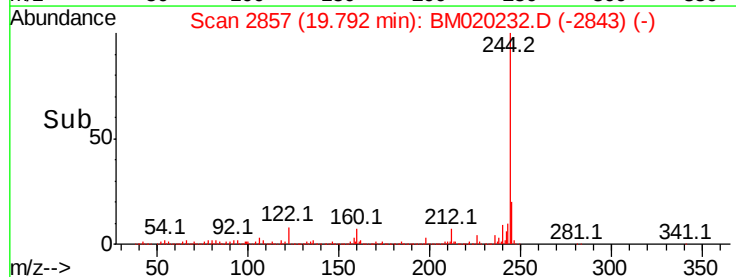
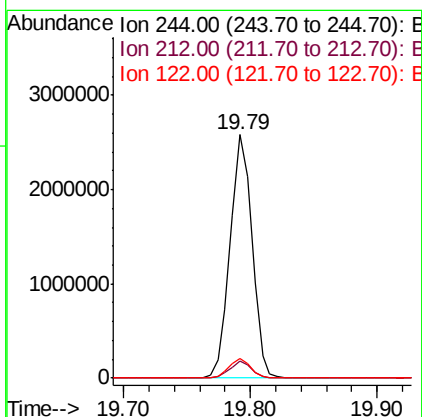
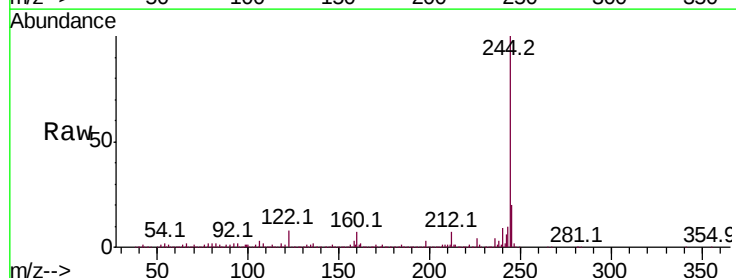
Instrument :
 BNA_M
 ClientSampleId :
 OWS-2

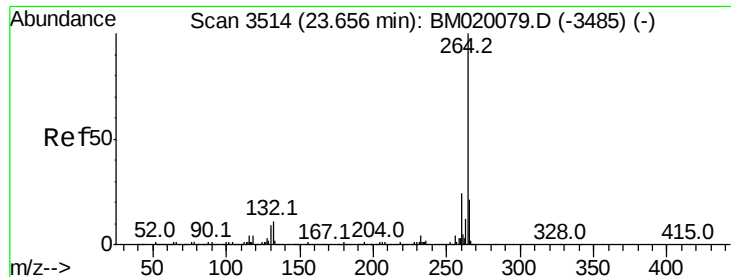
Tot Ion:240 Resp: 596811
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.6 8.4
 236 25.4 20.9 31.3



#79
 Terphenyl-d14
 Concen: 89.980 ng
 RT: 19.79 min Scan# 2857
 Delta R.T. -0.02 min
 Lab File: BM020232.D
 Acq: 10 May 2019 07:48

Tgt Ion:244 Resp: 3078817
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 7.9 6.2 9.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM020232.D
 Acq: 10 May 2019 07:48

Instrument :
 BNA_M
 ClientSampleId :
 OWS-2

Tot Ion:264 Resp: 700714
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.9 16.9 25.3

