

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 :

Quant Time: May 10 08:47:14 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

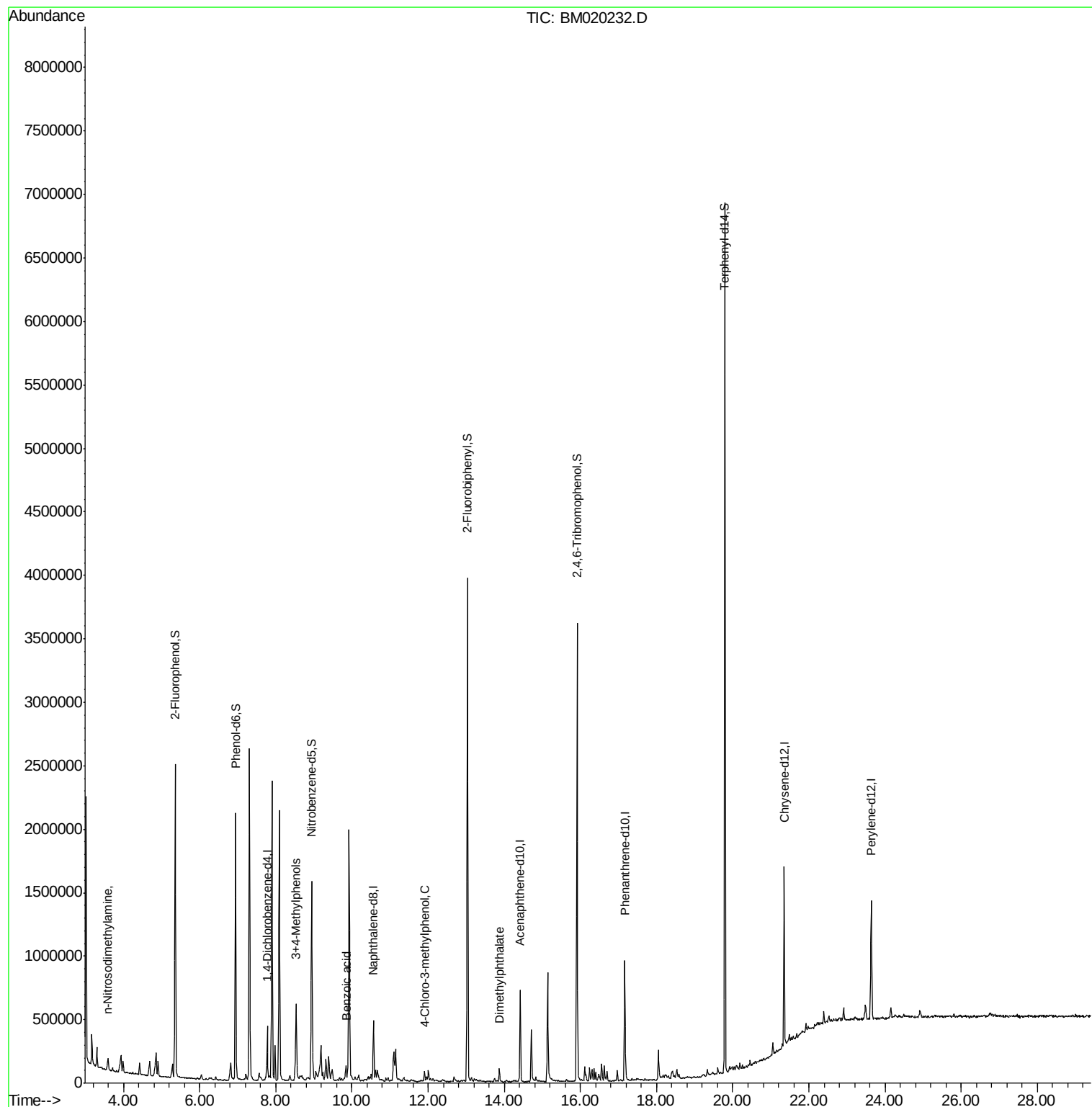
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	107512	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	378211	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	231588	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	555857	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	596811	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						
4) n-Nitrosodimethylamine	3.59	42	8177	3.091	ng	Qvalue # 1
20) 3+4-Methylphenols	8.54	107	193724	23.408	ng	89
32) Benzoic acid	9.85	122	46710	17.950	ng	89
36) 4-Chloro-3-methylphenol	11.90	107	16714	2.259	ng	# 25
50) Dimethylphthalate	13.87	163	58977	2.996	ng	99

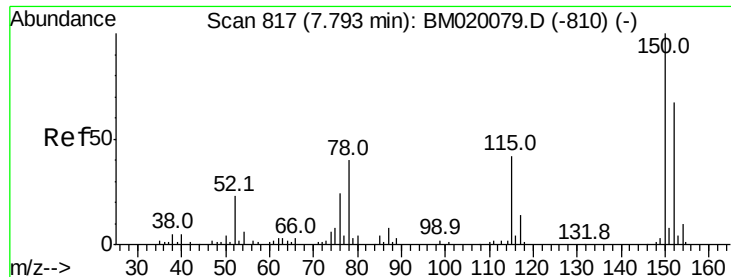
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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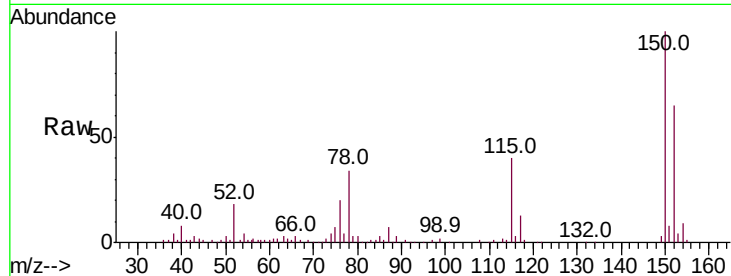


#1

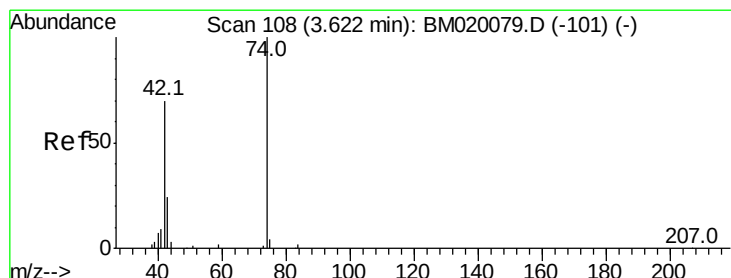
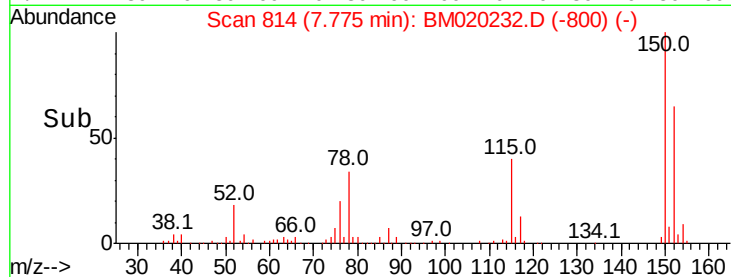
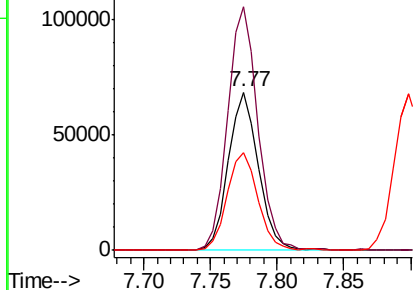
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.77 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BM020232.D
 Acq: 10 May 2019 07:48

Instrument :
 BNA_M
 ClientSampled :

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



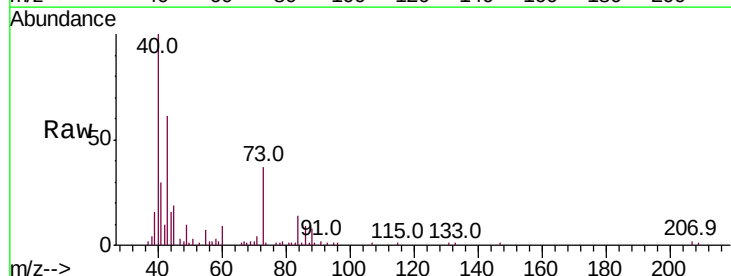
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



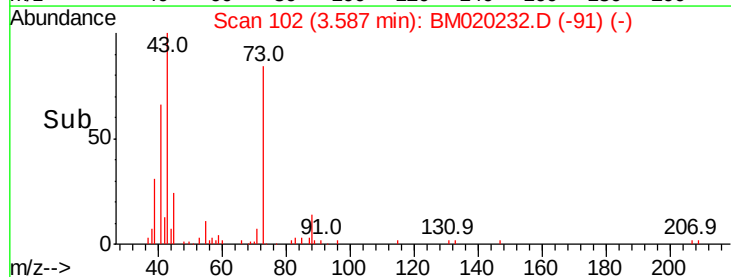
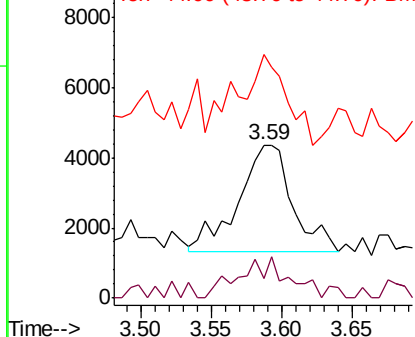
#4

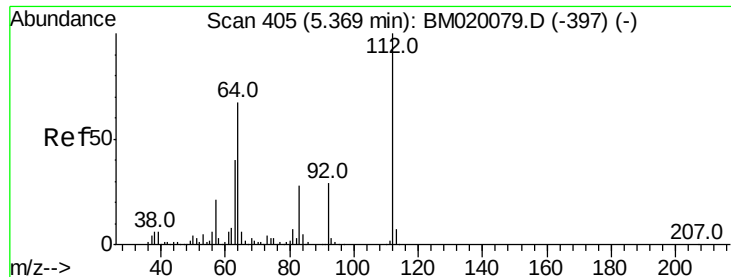
n-Nitrosodimethylamine
 Concen: 3.091 ng
 RT: 3.59 min Scan# 102
 Delta R.T. -0.04 min
 Lab File: BM020232.D
 Acq: 10 May 2019 07:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	13.1	113.7	170.5#
44	159.2	3.9	5.9#



Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0





#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

Instrument :

BNA_M

ClientSampleId :

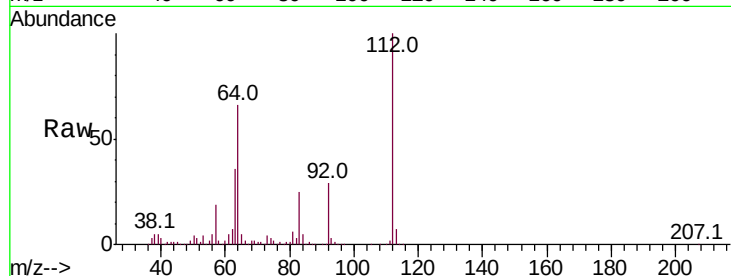
Tot Ion:112 Resp: 967080

Ion Ratio Lower Upper

112 100

64 65.5 53.8 80.6

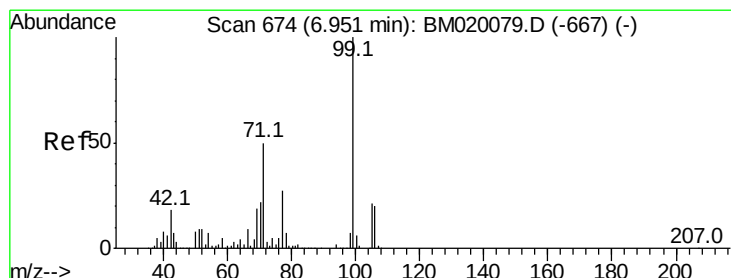
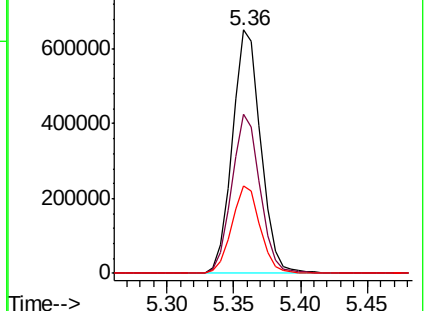
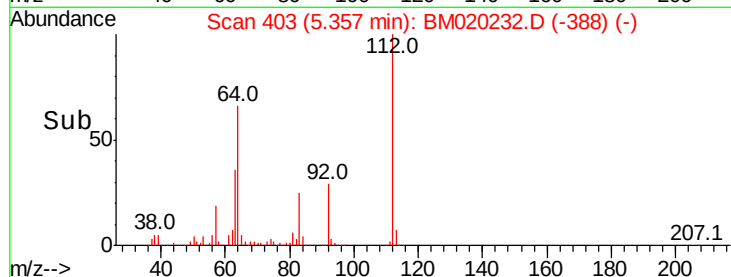
63 35.9 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#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

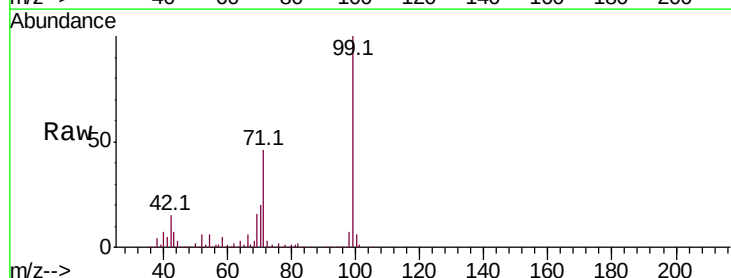
Tgt Ion: 99 Resp: 1170670

Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.2

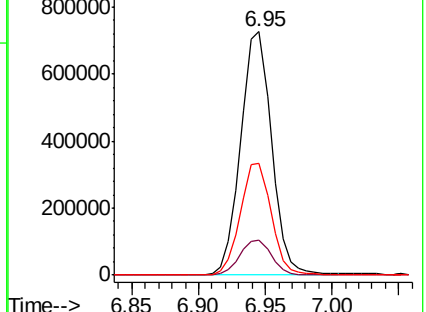
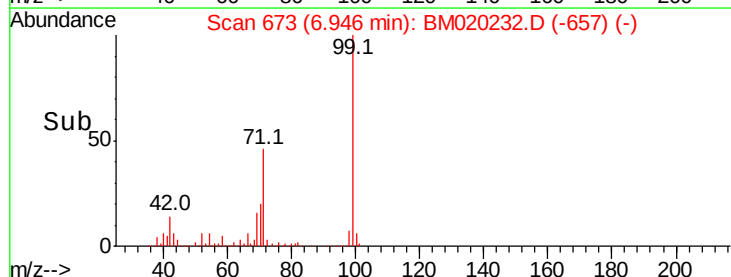
71 45.8 40.3 60.5

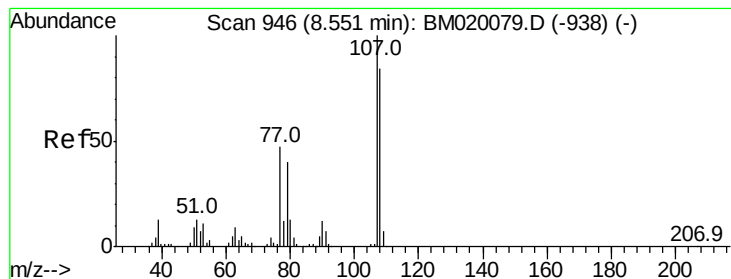


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#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

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 193724

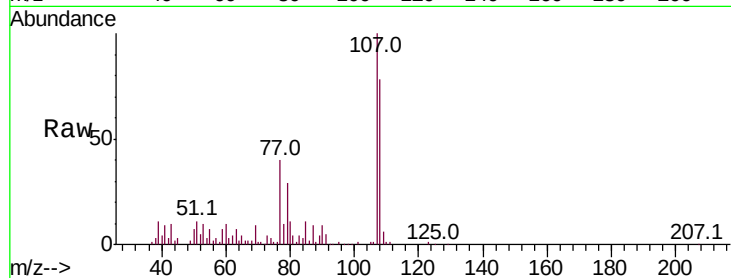
Ion Ratio Lower Upper

107 100

108 77.8 64.4 104.4

77 39.9 27.2 67.2

79 28.8 19.6 59.6

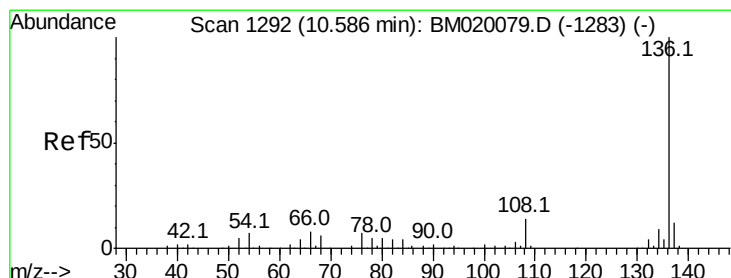
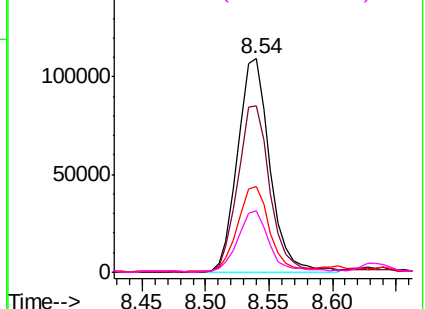
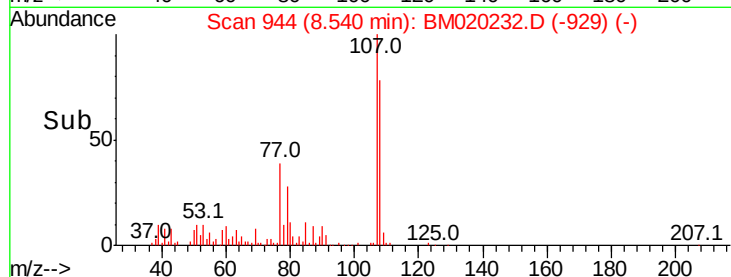


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#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

Tgt Ion:136 Resp: 378211

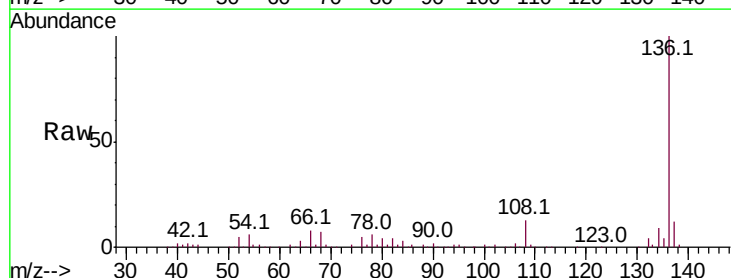
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 6.5 5.5 8.3

68 6.9 4.6 6.8#

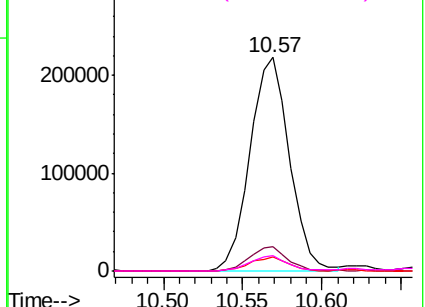
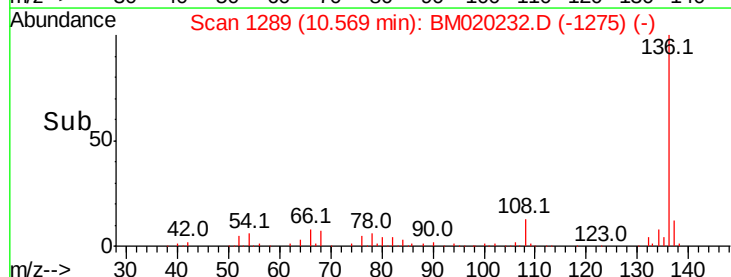


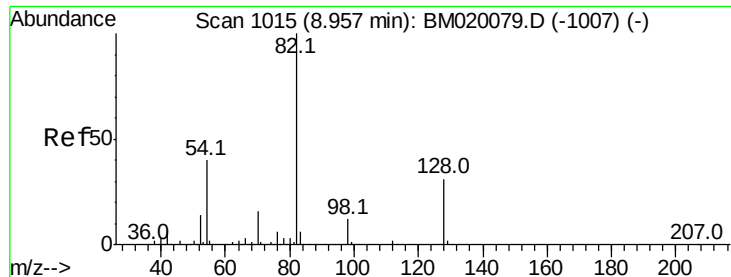
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#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

Instrument :

BNA_M

ClientSampleId :

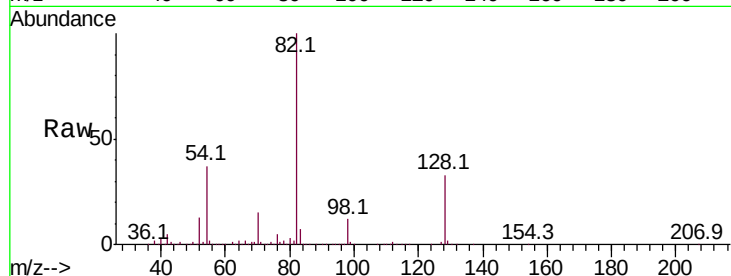
Tot Ion: 82 Resp: 996679

Ion Ratio Lower Upper

82 100

128 32.8 25.2 37.8

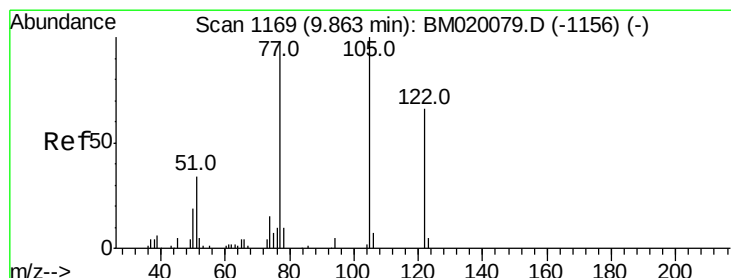
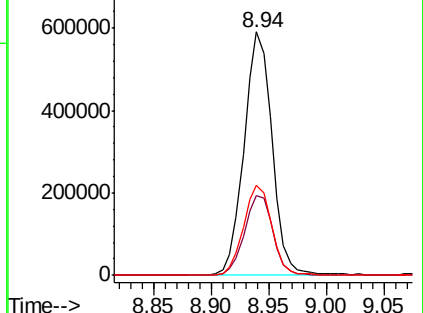
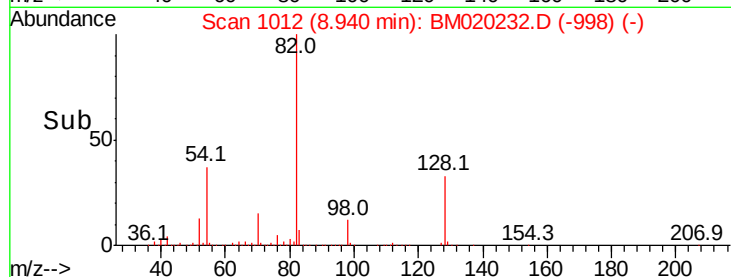
54 36.9 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020232.D (-998) (-)

Ion 128.00 (127.70 to 128.70): BM020232.D (-998) (-)

Ion 54.00 (53.70 to 54.70): BM020232.D (-998) (-)



#32

Benzoic acid

Concen: 17.950 ng

RT: 9.85 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BM020232.D

Acq: 10 May 2019 07:48

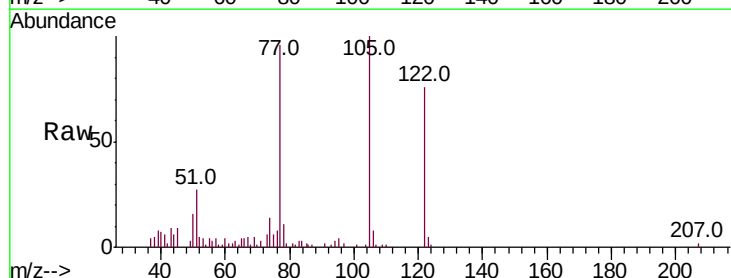
Tgt Ion: 122 Resp: 46710

Ion Ratio Lower Upper

122 100

105 131.4 122.5 162.5

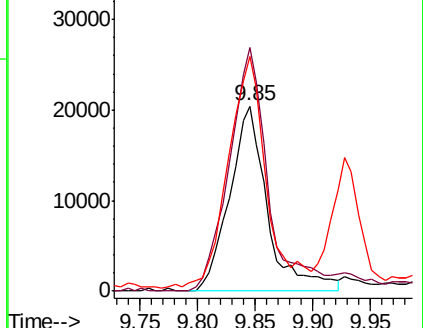
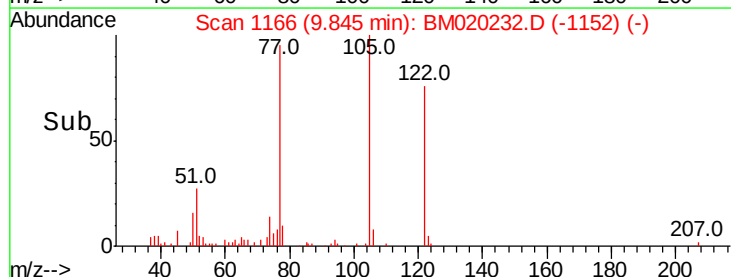
77 126.5 123.3 163.3

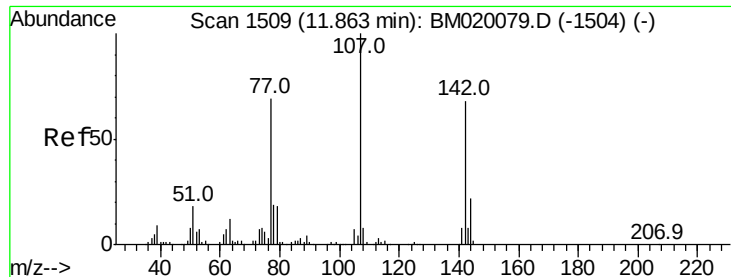


Abundance Ion 122.00 (121.70 to 122.70): BM020232.D (-1152) (-)

Ion 105.00 (104.70 to 105.70): BM020232.D (-1152) (-)

Ion 77.00 (76.70 to 77.70): BM020232.D (-1152) (-)

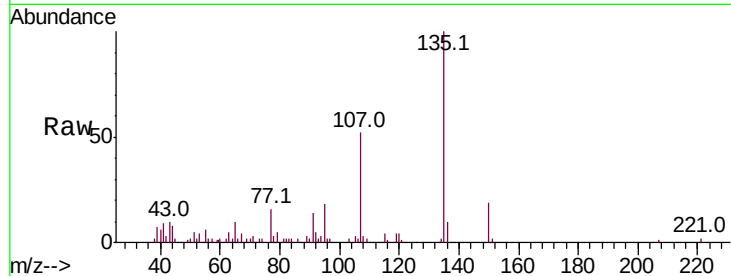




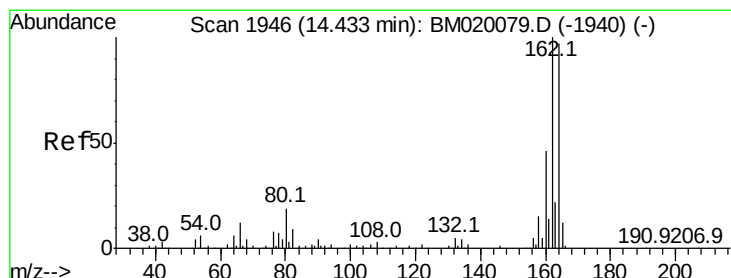
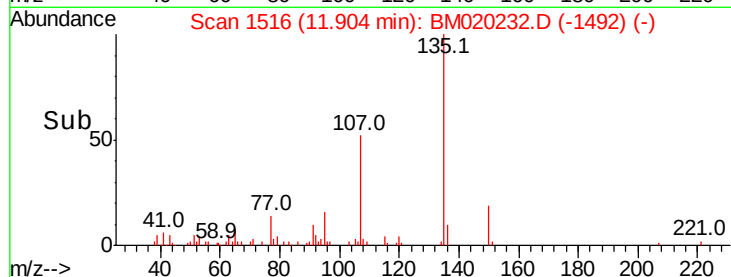
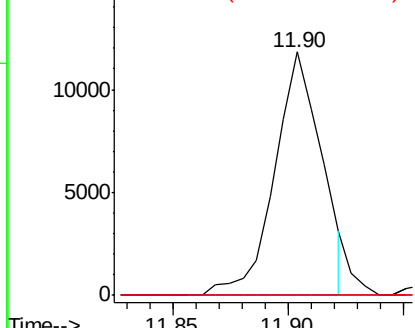
#36
4-Chloro-3-methylphenol
Concen: 2.259 ng
RT: 11.90 min Scan# 1516
Delta R.T. 0.04 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 16714
Ion Ratio Lower Upper
107 100
144 0.0 17.6 26.4#
142 0.0 54.6 82.0#

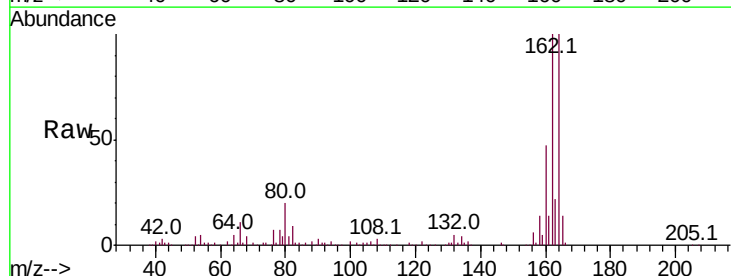


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

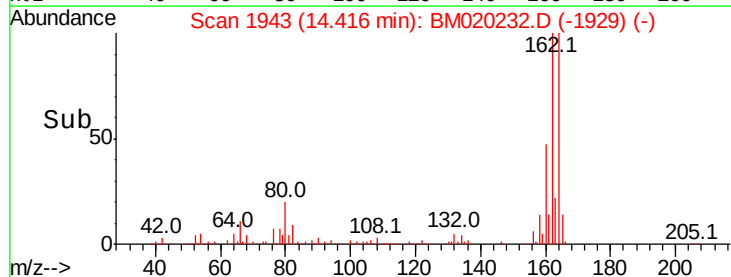
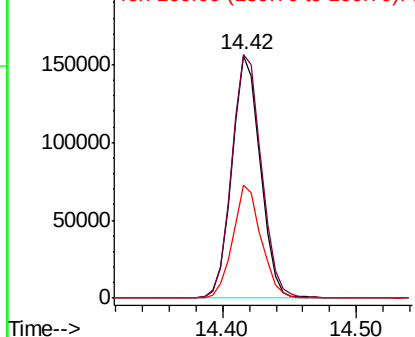


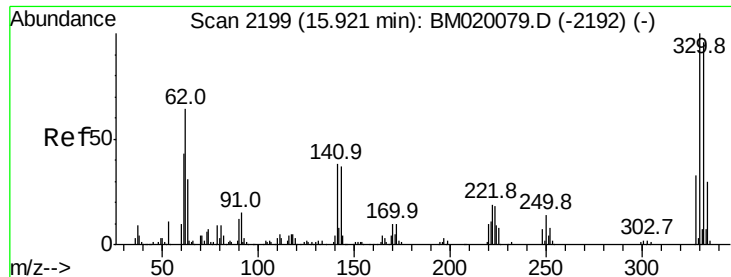
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM020232.D
Acq: 10 May 2019 07:48

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

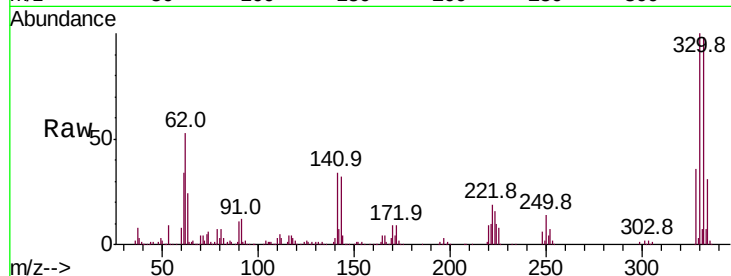




#42
 2,4,6-Tribromophenol
 Concen: 181.217 ng
 RT: 15.91 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BM020232.D
 Acq: 10 May 2019 07:48

Instrument :
 BNA_M
 ClientSampleId :

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

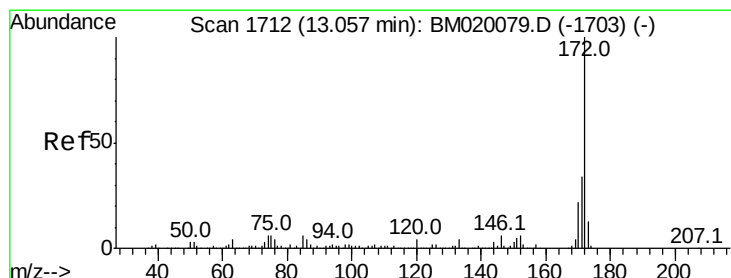
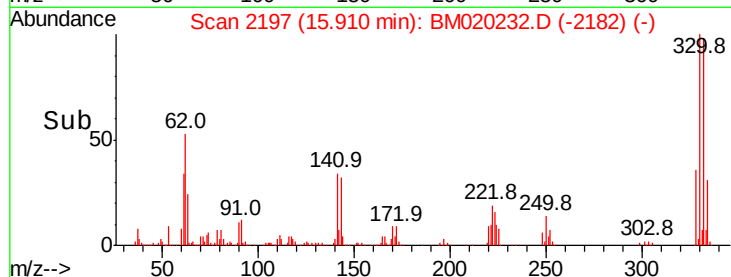
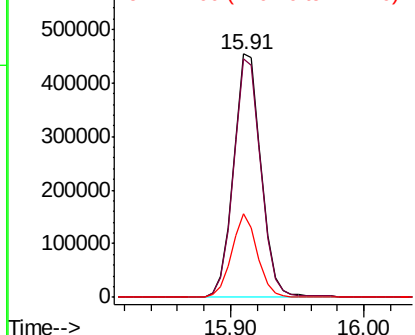


Abundance

Ion 329.80 (329.50 to 330.50): E

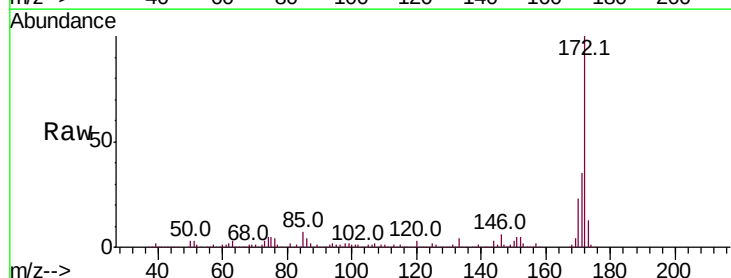
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	22.8	17.9	26.9

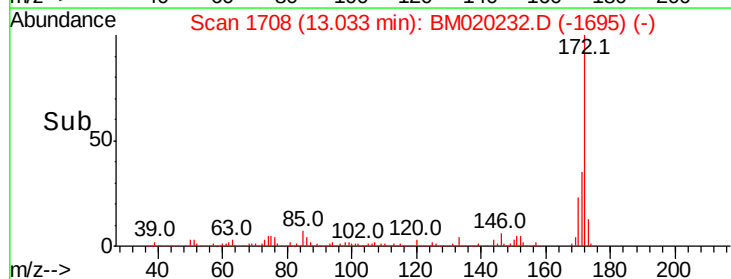
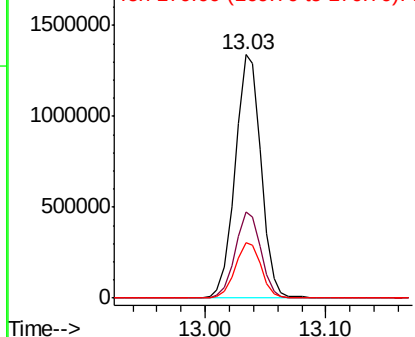


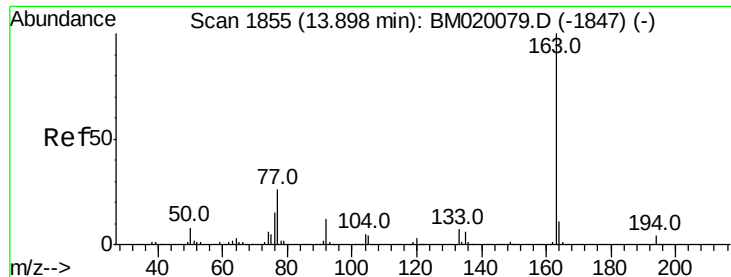
Abundance

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 :

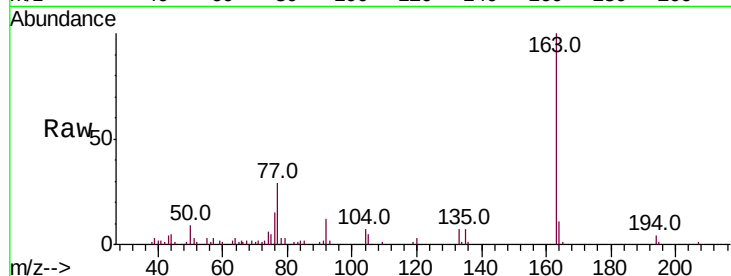
Tot Ion:163 Resp: 58977

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

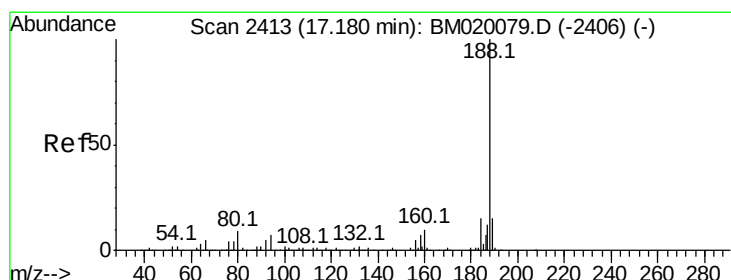
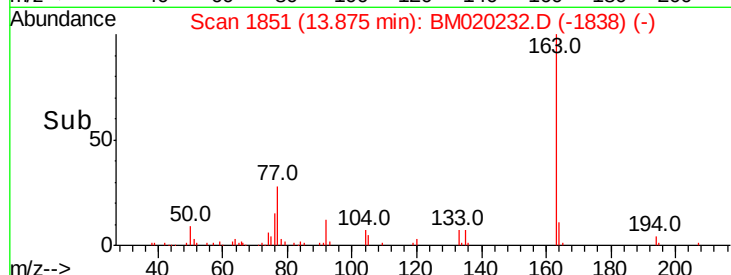
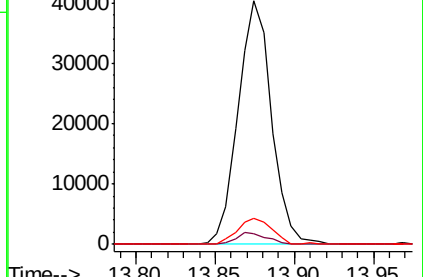
164 10.9 8.4 12.6



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

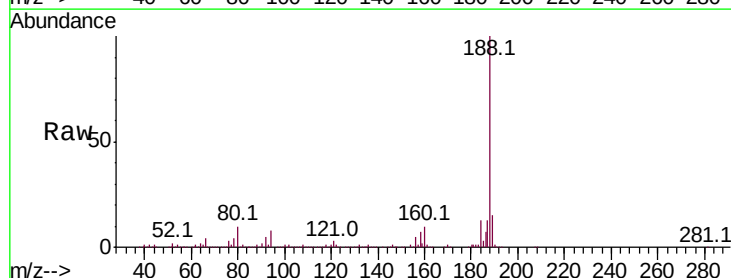
Tgt Ion:188 Resp: 555857

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.6

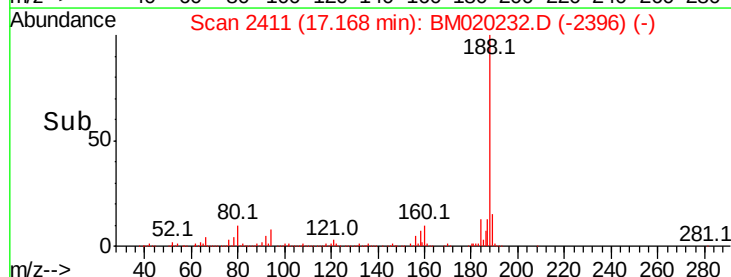
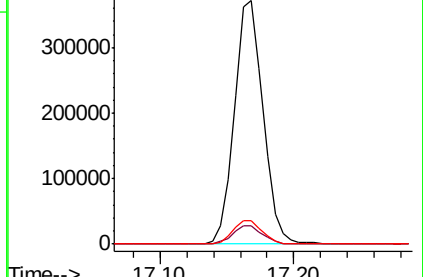
80 9.9 7.4 11.2

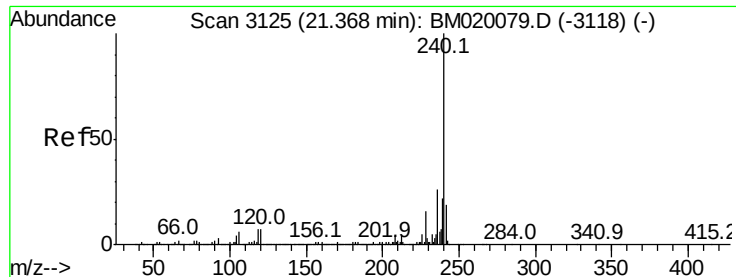


Abundance Ion 188.00 (187.70 to 188.70): E

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

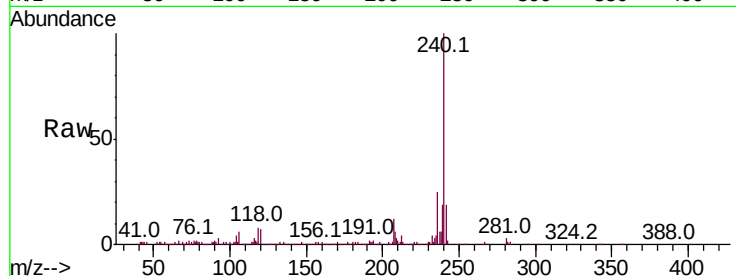
Instrument :

BNA_M

ClientSampleId :

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



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

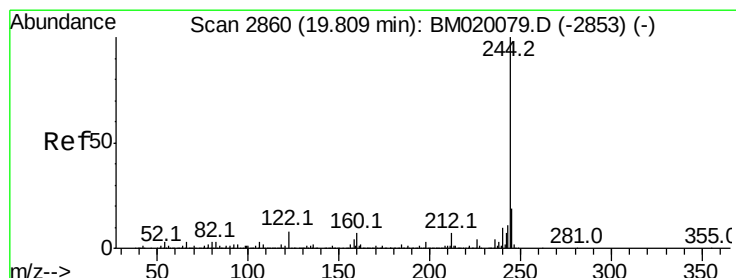
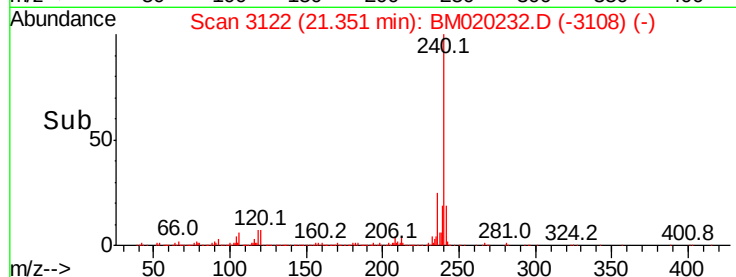
21.35

400000

200000

0

Time-->



#79

Terphenyl-d14

Concen: 89.980 ng

RT: 19.79 min Scan# 2857

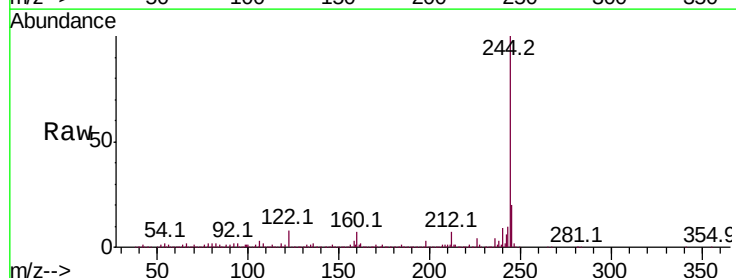
Delta R.T. -0.02 min

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



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

19.79

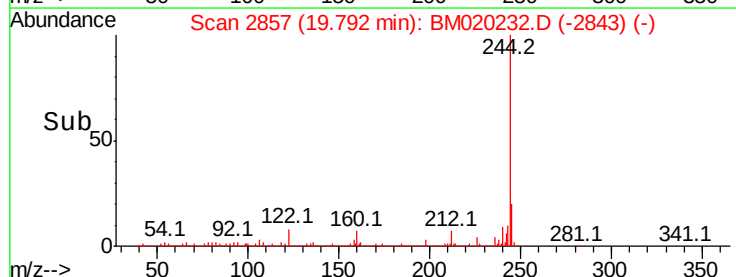
3000000

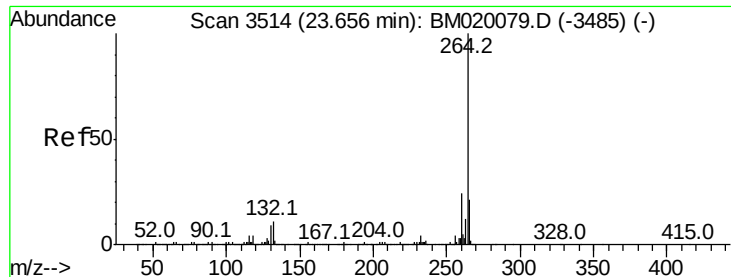
2000000

1000000

0

Time-->





#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 :

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

