

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027189.D
 Acq On : 22 Aug 2020 02:55
 Operator : JU/CG
 Sample : L3723-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MANHOLE

Quant Time: Aug 22 05:34:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 15:18:25 2020
 Response via : Initial Calibration

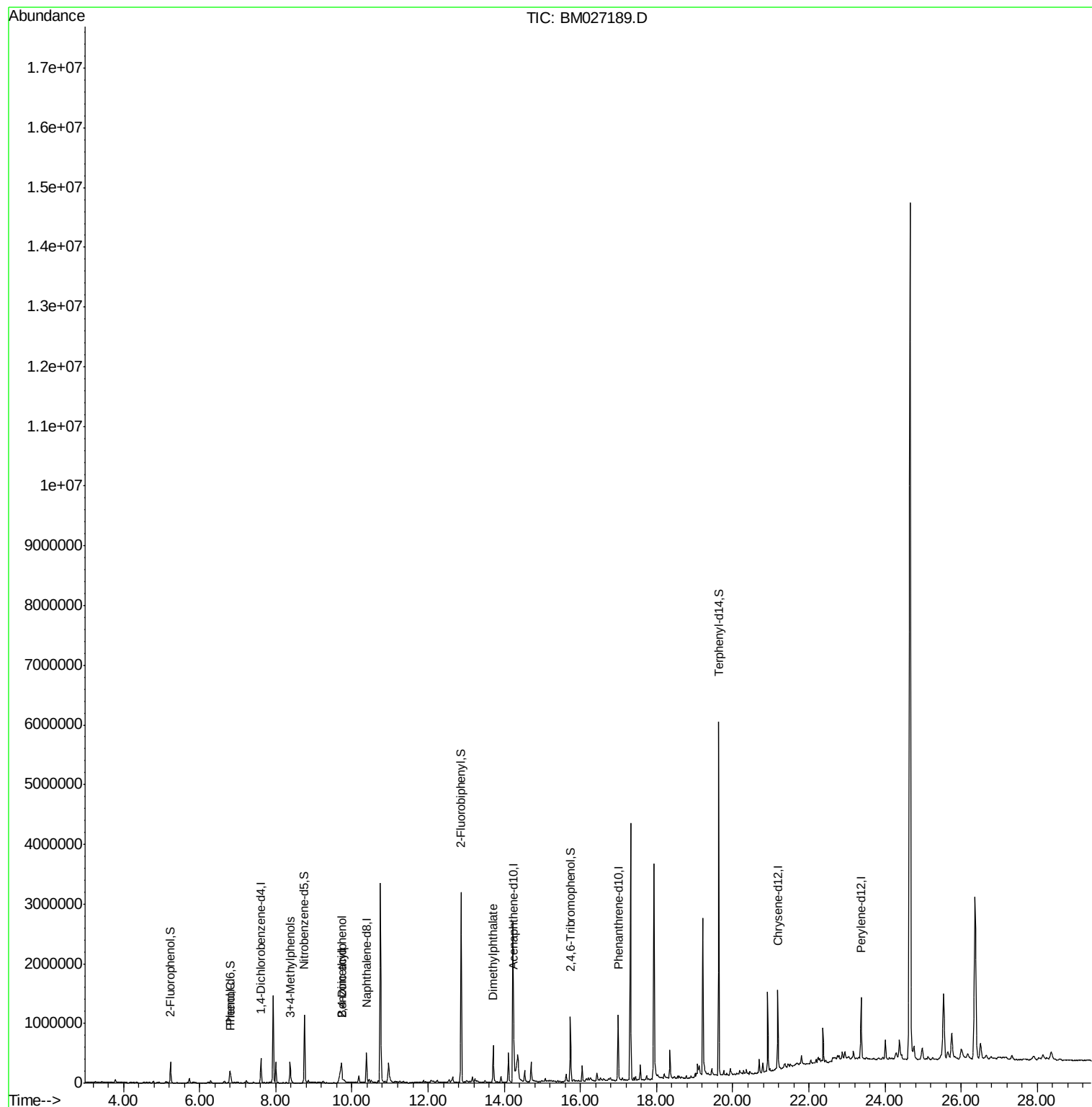
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	103782	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	384183	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	259928	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	619815	20.00	ng	0.00
76) Chrysene-d12	21.19	240	628375	20.00	ng	-0.01
86) Perylene-d12	23.37	264	715659	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	122268	22.97	ng	0.00
7) Phenol-d6	6.79	99	104613	14.31	ng	0.00
23) Nitrobenzene-d5	8.75	82	688903	73.98	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	187373	44.52	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1513910	76.51	ng	0.00
79) Terphenyl-d14	19.63	244	2589247	76.97	ng	0.00
Target Compounds						
10) Phenol	6.82	94	57517	8.257	ng	89
20) 3+4-Methylphenols	8.37	107	134496	20.853	ng	86
27) 2,4-Dimethylphenol	9.73	122	212450	46.510	ng	# 1
32) Benzoic acid	9.73	122	212450	54.839	ng	98
50) Dimethylphthalate	13.71	163	361549	17.133	ng	99

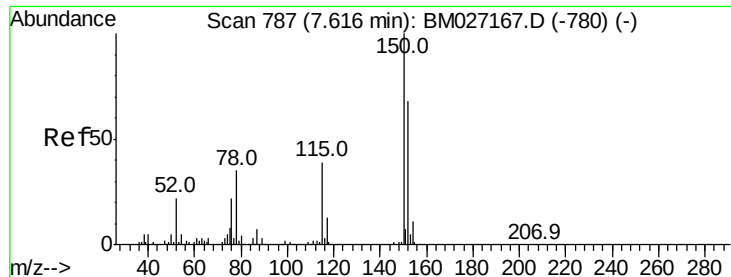
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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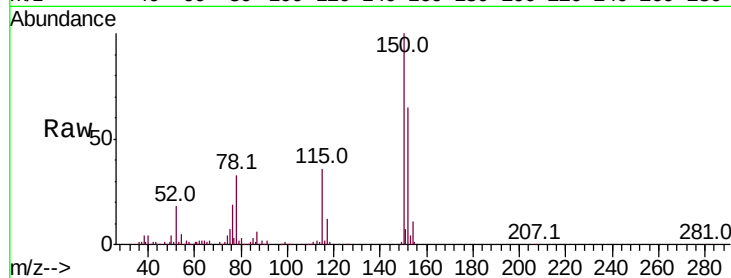


#1

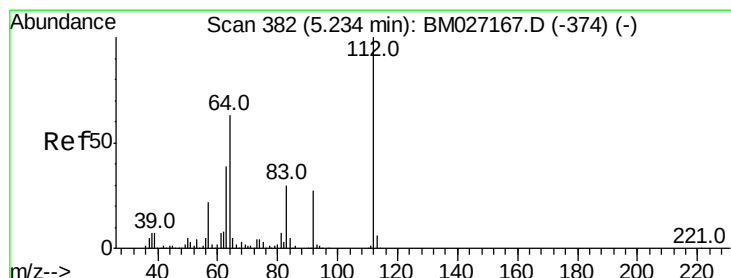
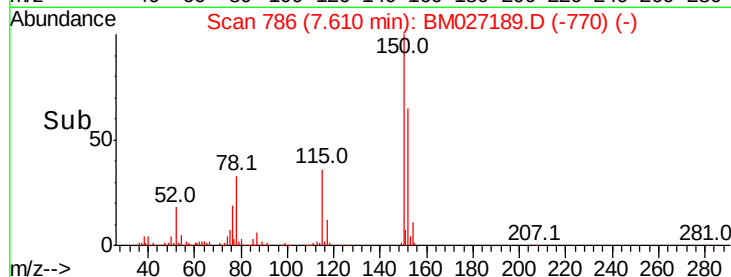
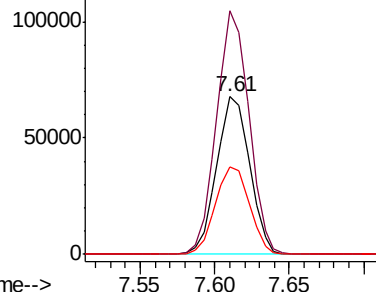
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM027189.D
Acq: 22 Aug 2020 02:55

Instrument :
BNA_M
ClientSampleId :
MANHOLE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	118.2	177.4
115	55.7	46.1	69.1



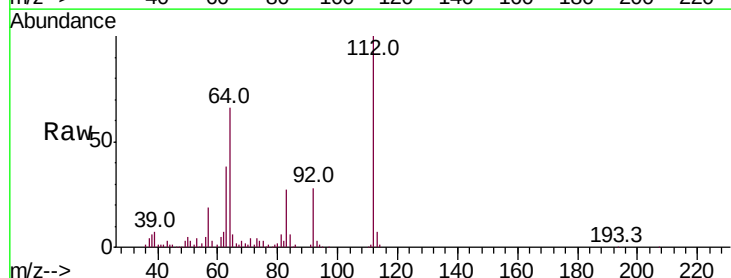
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



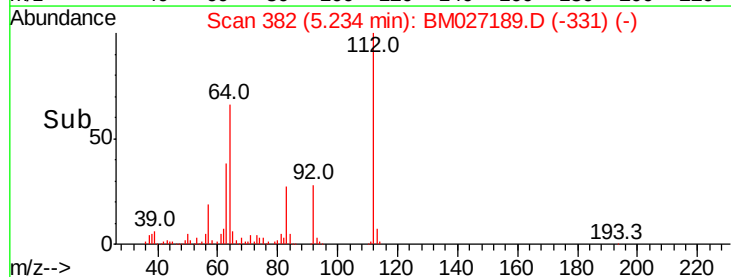
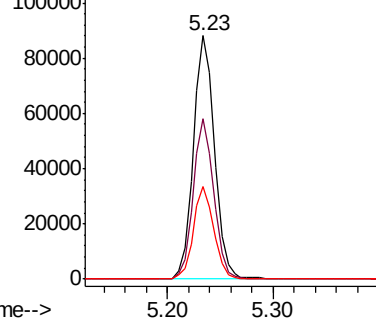
#5

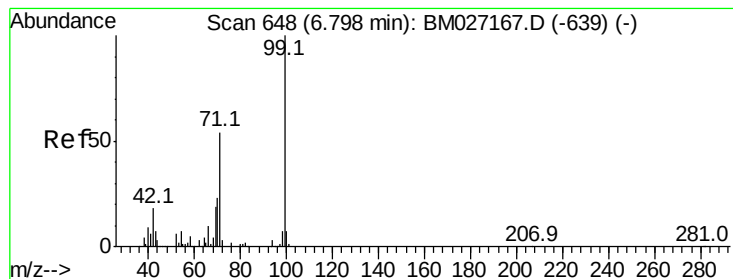
2-Fluorophenol
Concen: 22.967 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM027189.D
Acq: 22 Aug 2020 02:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	50.0	75.0
63	38.2	31.6	47.4



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: 14.312 ng

RT: 6.79 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM027189.D

Acq: 22 Aug 2020 02:55

Instrument :

BNA_M

ClientSampleId :

MANHOLE

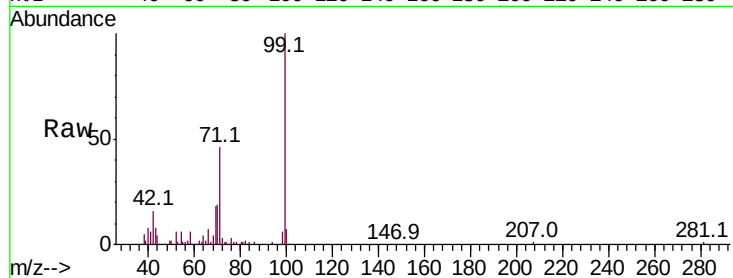
Tot Ion: 99 Resp: 104613

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

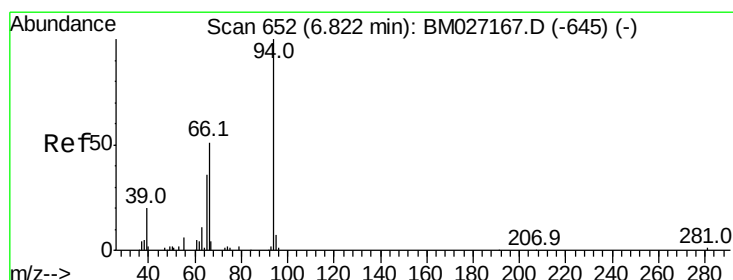
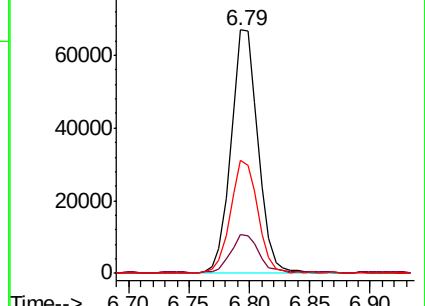
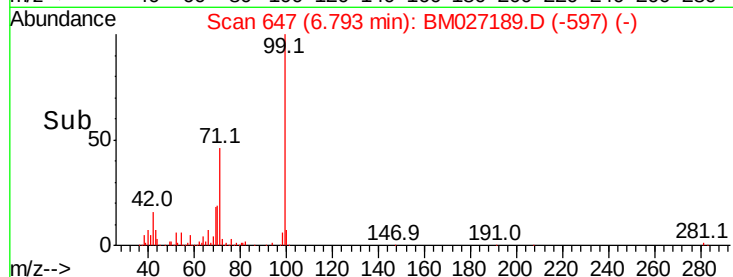
71 46.4 43.0 64.4



Abundance Ion 99.00 (98.70 to 99.70): BM027167.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM027167.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM027167.D (-639) (-)



#10

Phenol

Concen: 8.257 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.00 min

Lab File: BM027189.D

Acq: 22 Aug 2020 02:55

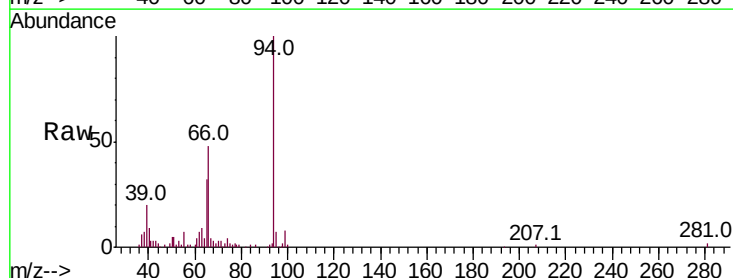
Tgt Ion: 94 Resp: 57517

Ion Ratio Lower Upper

94 100

65 32.1 17.0 57.0

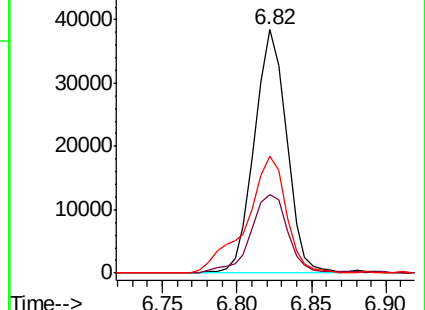
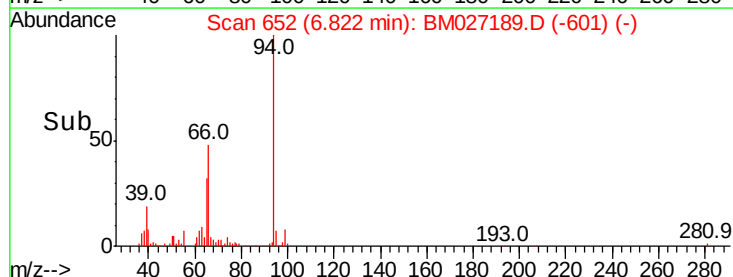
66 47.8 37.8 77.8

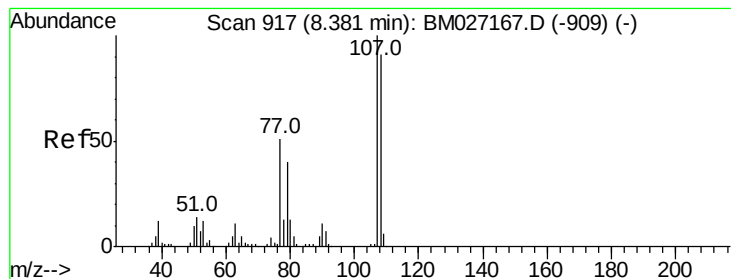


Abundance Ion 94.00 (93.70 to 94.70): BM027167.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM027167.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM027167.D (-645) (-)





#20

3+4-Methylphenols

Concen: 20.853 ng

RT: 8.37 min Scan# 916

Delta R.T. -0.01 min

Lab File: BM027189.D

Acq: 22 Aug 2020 02:55

Instrument :

BNA_M

ClientSampleId :

MANHOLE

Tot Ion:107 Resp: 134496

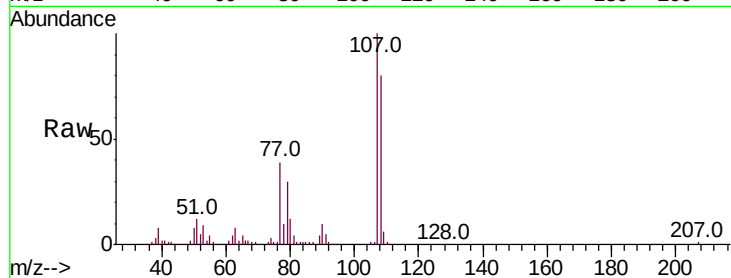
Ion Ratio Lower Upper

107 100

108 80.3 70.7 110.7

77 39.1 30.8 70.8

79 29.7 20.6 60.6

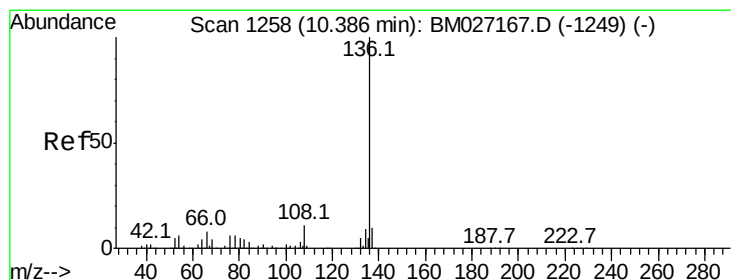
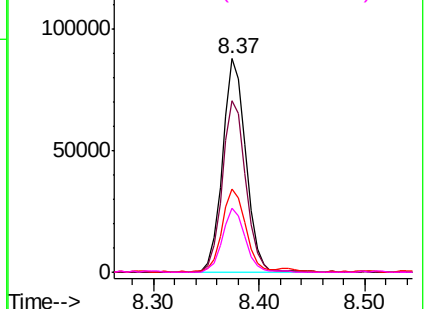
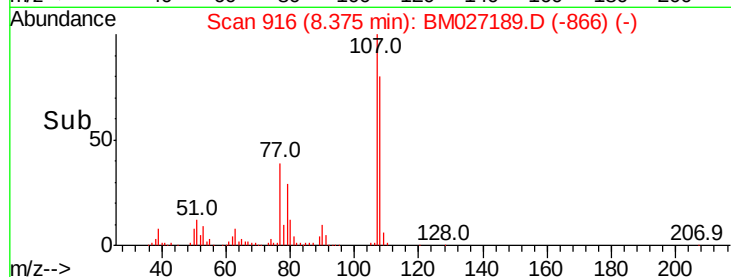


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM027189.D

Acq: 22 Aug 2020 02:55

Tgt Ion:136 Resp: 384183

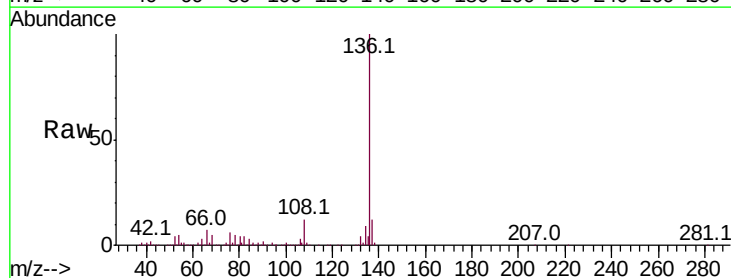
Ion Ratio Lower Upper

136 100

137 11.5 8.2 12.4

54 5.5 4.8 7.2

68 5.3 3.5 5.3

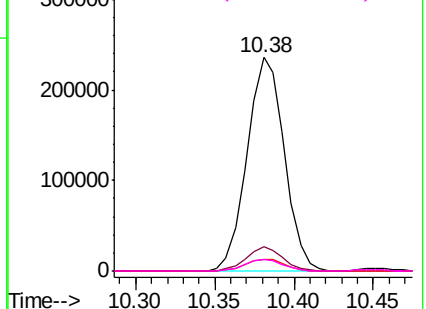
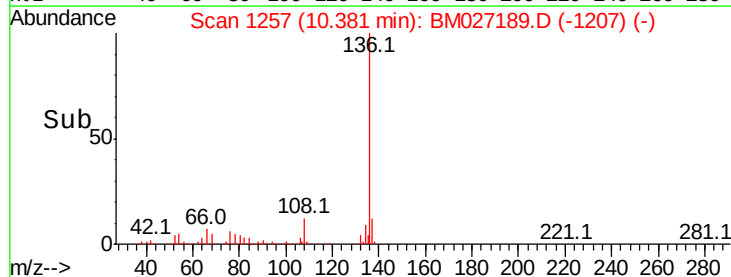


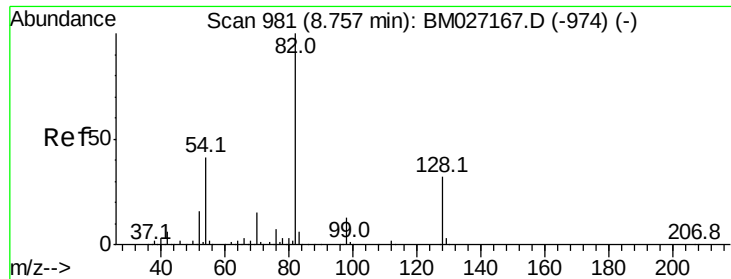
Abundance Ion 136.00 (135.70 to 136.70): E

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

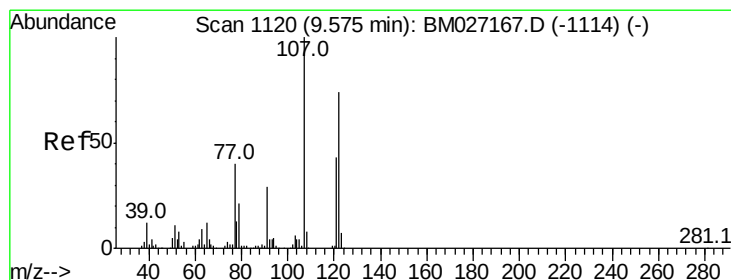
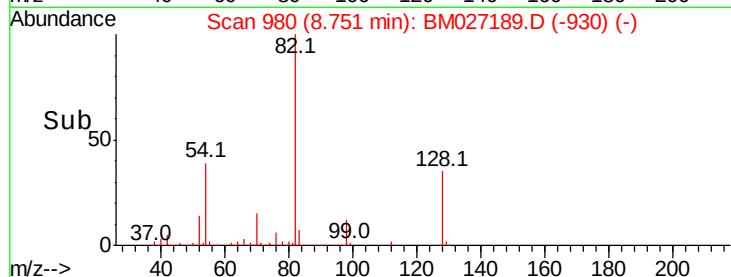
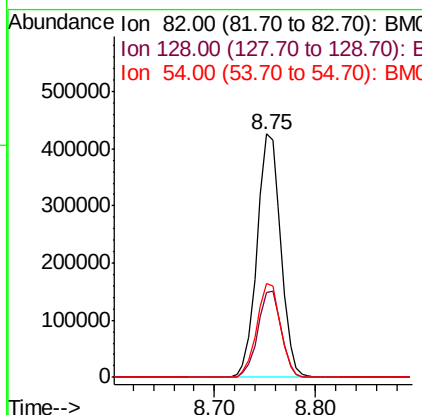
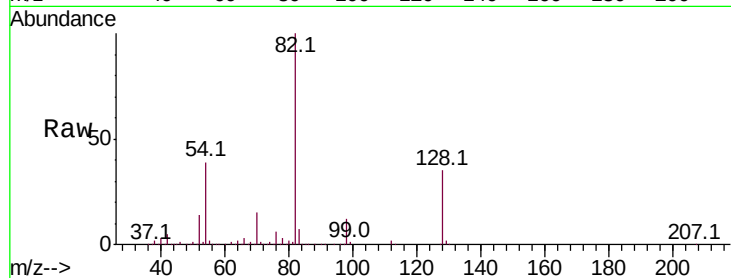




#23
 Nitrobenzene-d5
 Concen: 73.981 ng
 RT: 8.75 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BM027189.D
 Acq: 22 Aug 2020 02:55

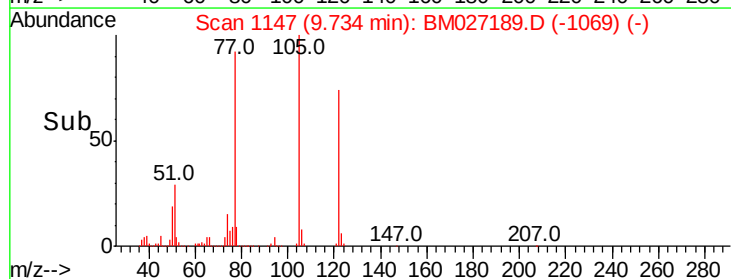
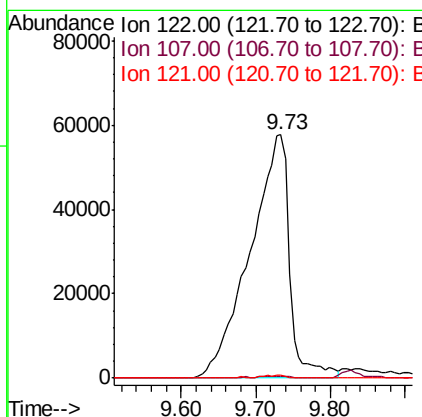
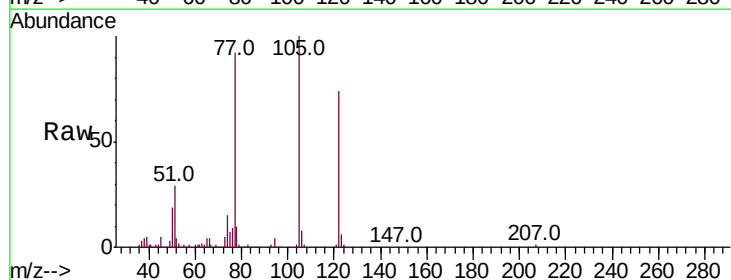
Instrument :
 BNA_M
 ClientSampled :
 MANHOLE

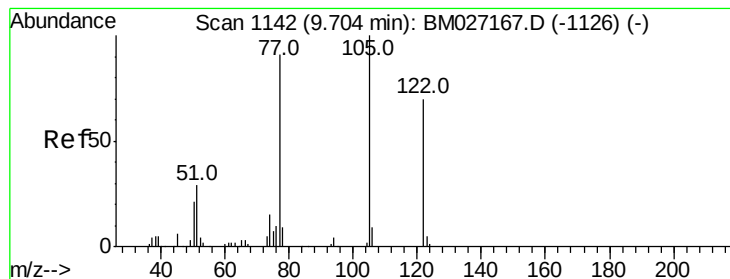
Tot Ion	82	Resp	688903
Ion	Ratio	Lower	Upper
82	100		
128	34.8	25.7	38.5
54	38.6	33.0	49.4



#27
 2,4-Dimethylphenol
 Concen: 46.510 ng
 RT: 9.73 min Scan# 1147
 Delta R.T. 0.16 min
 Lab File: BM027189.D
 Acq: 22 Aug 2020 02:55

Tgt Ion	122	Resp	212450
Ion	Ratio	Lower	Upper
122	100		
107	0.7	108.1	162.1#
121	1.1	47.0	70.4#





#32

Benzoic acid

Concen: 54.839 ng

RT: 9.73 min Scan# 1147

Delta R.T. 0.03 min

Lab File: BM027189.D

Acq: 22 Aug 2020 02:55

Instrument :

BNA_M

ClientSampled :

MANHOLE

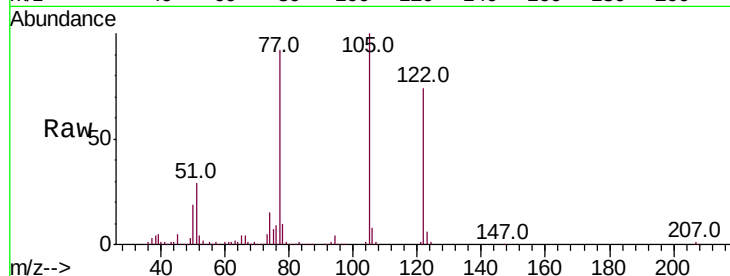
Tot Ion:122 Resp: 212450

Ion Ratio Lower Upper

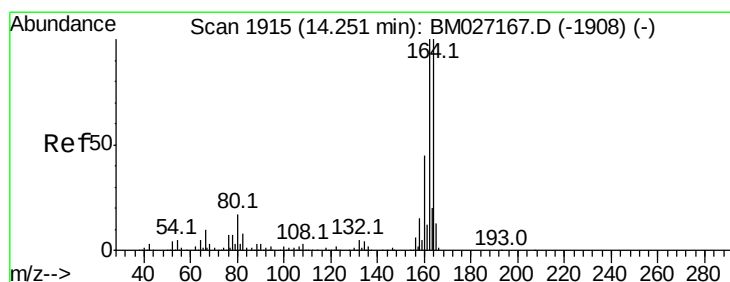
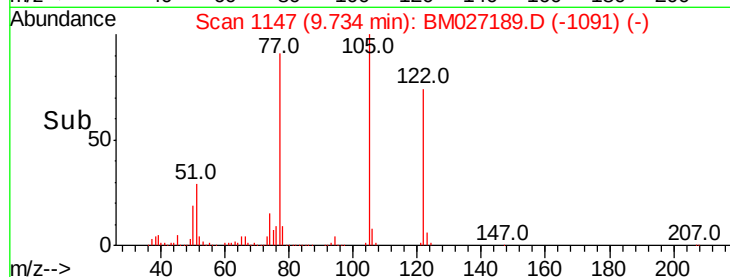
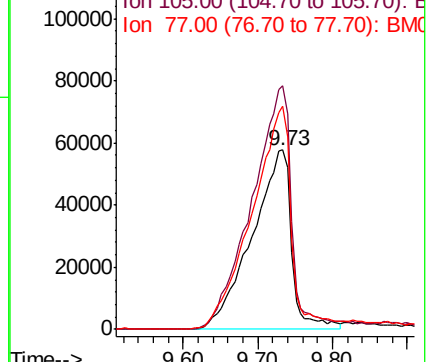
122 100

105 135.7 117.8 157.8

77 124.4 107.8 147.8



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): BMO



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BM027189.D

Acq: 22 Aug 2020 02:55

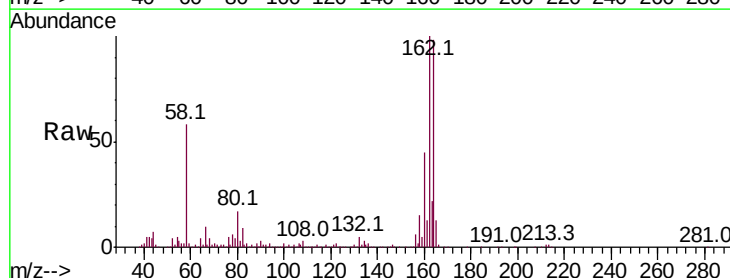
Tgt Ion:164 Resp: 259928

Ion Ratio Lower Upper

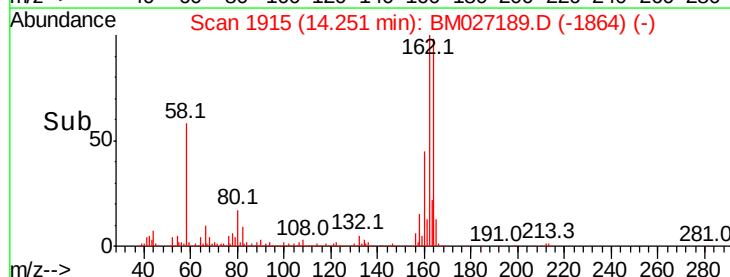
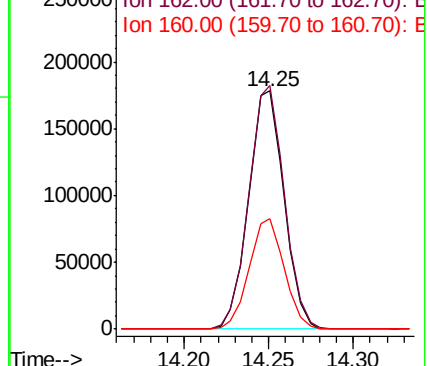
164 100

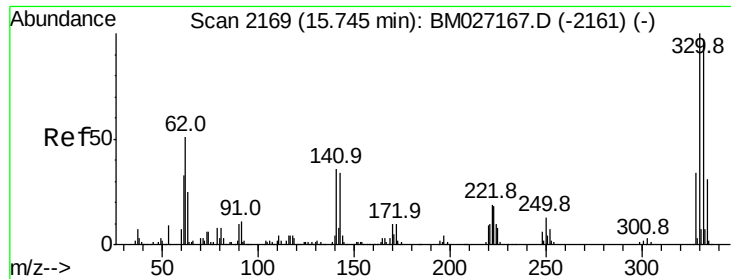
162 102.3 80.2 120.4

160 46.3 36.3 54.5



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

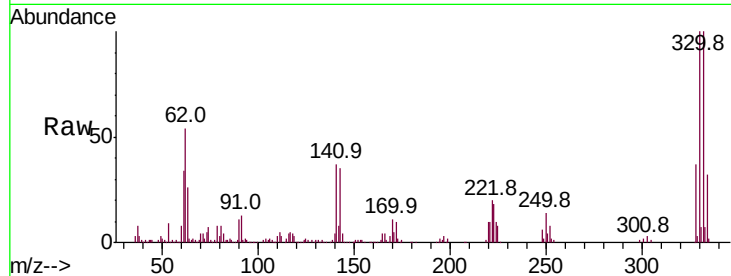




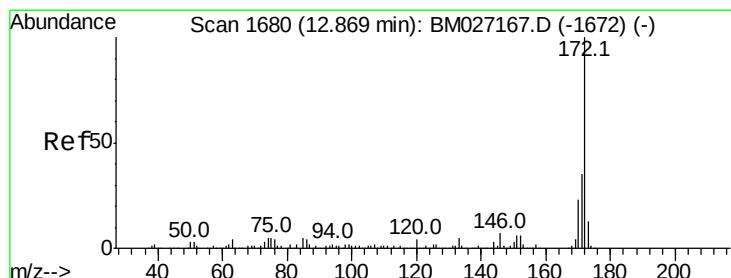
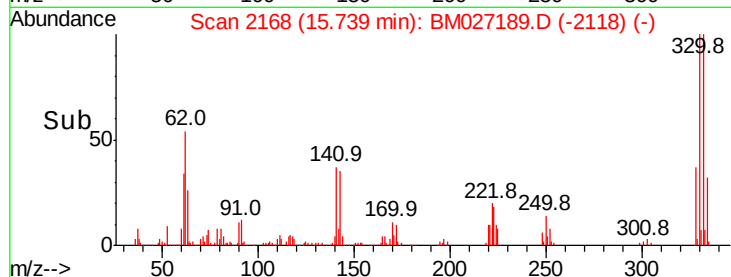
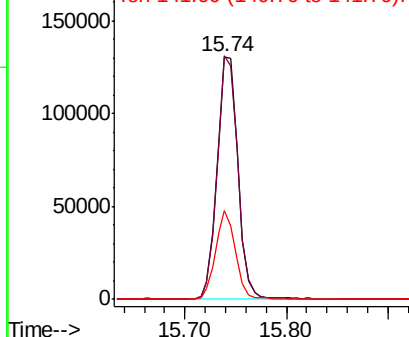
#42
 2,4,6-Tribromophenol
 Concen: 44.516 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BM027189.D
 Acq: 22 Aug 2020 02:55

Instrument :
 BNA_M
 ClientSampleId :
 MANHOLE

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.2	115.8
141	34.9	31.0	46.6

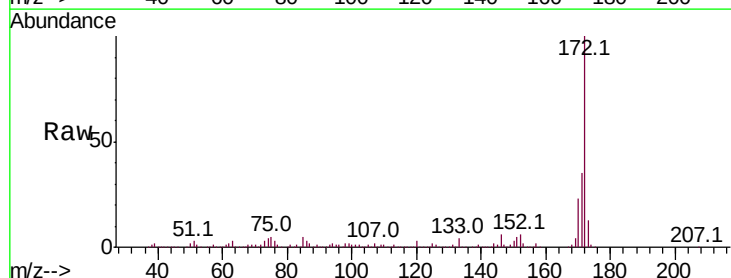


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

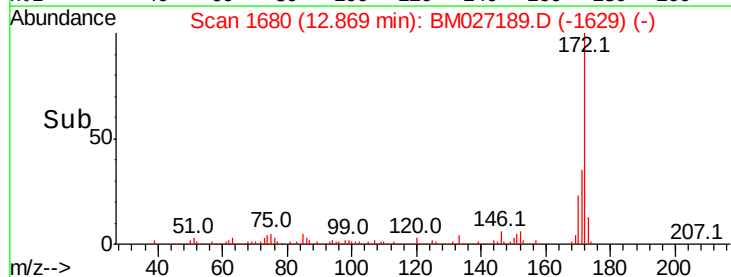
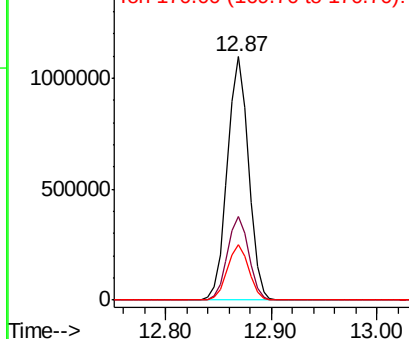


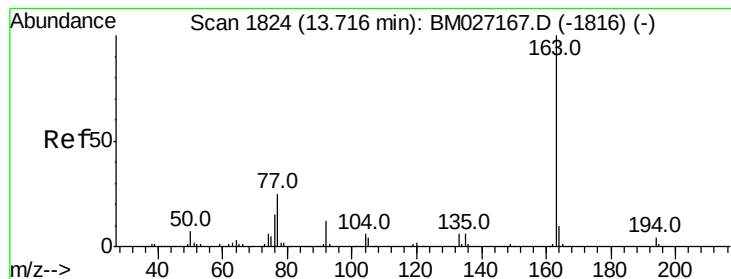
#45
 2-Fluorobiphenyl
 Concen: 76.510 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BM027189.D
 Acq: 22 Aug 2020 02:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	22.7	18.6	28.0



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: 17.133 ng

RT: 13.71 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM027189.D

Acq: 22 Aug 2020 02:55

Instrument :

BNA_M

ClientSampleId :

MANHOLE

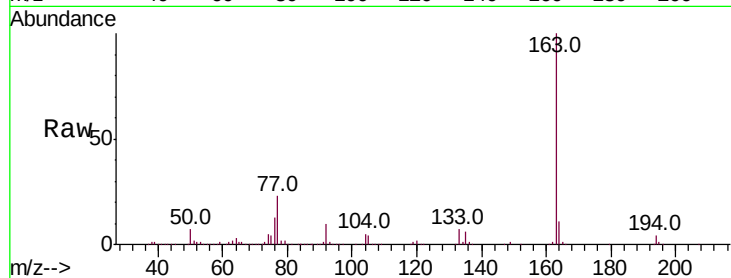
Tot Ion:163 Resp: 361549

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

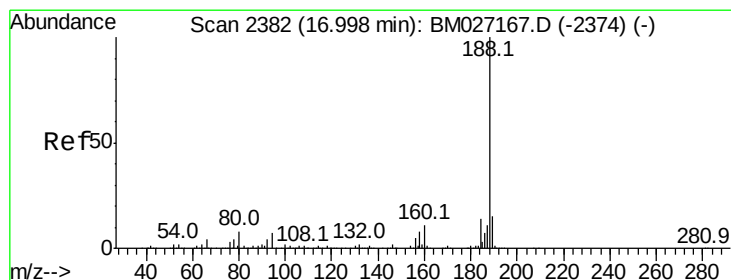
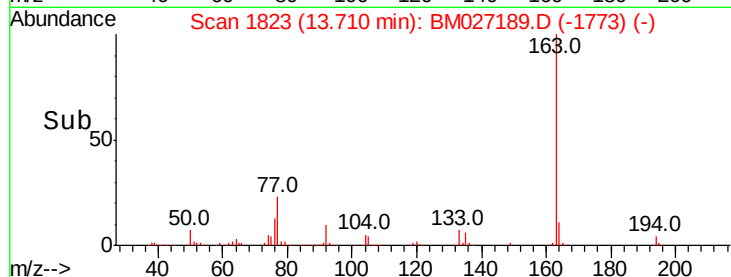
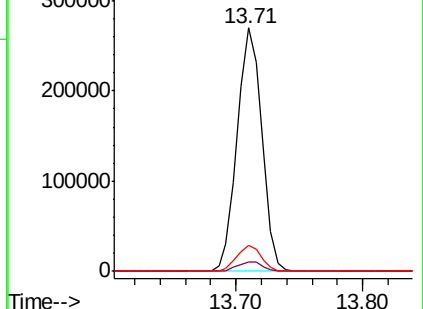
164 10.8 8.2 12.2



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: 16.99 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BM027189.D

Acq: 22 Aug 2020 02:55

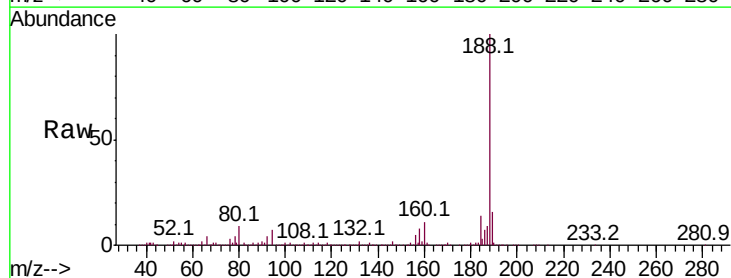
Tgt Ion:188 Resp: 619815

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

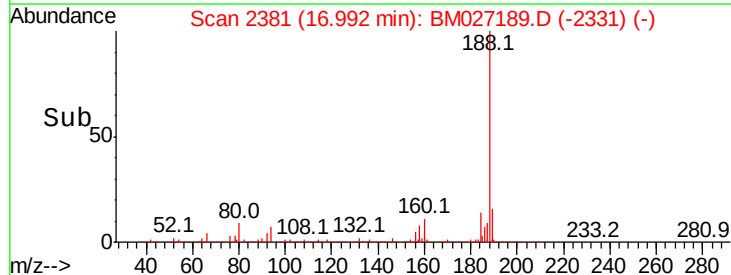
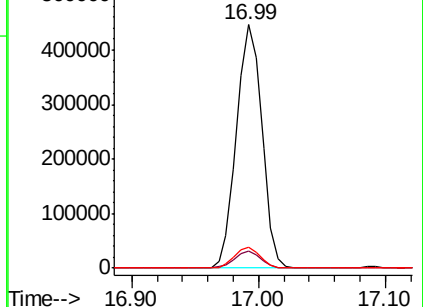
80 8.6 6.2 9.4

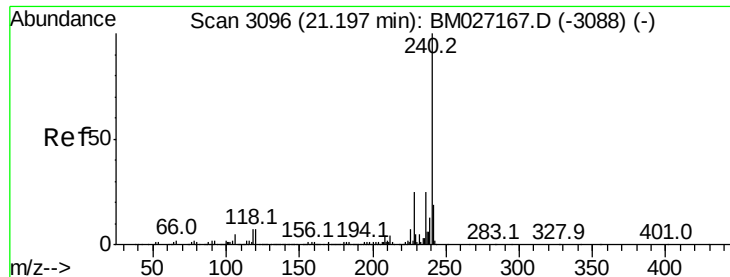


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM027189.D

Acq: 22 Aug 2020 02:55

Instrument :

BNA_M

ClientSampleId :

MANHOLE

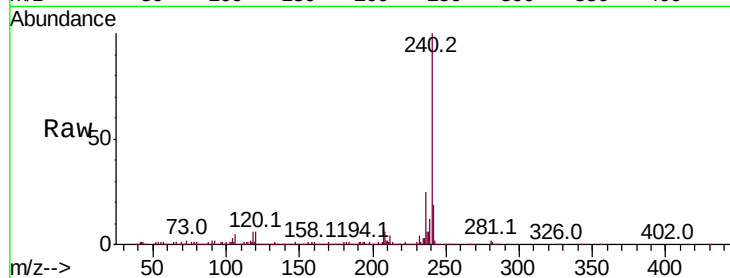
Tot Ion:240 Resp: 628375

Ion Ratio Lower Upper

240 100

120 5.8 5.6 8.4

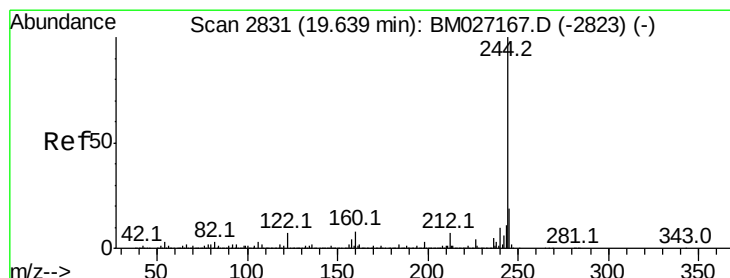
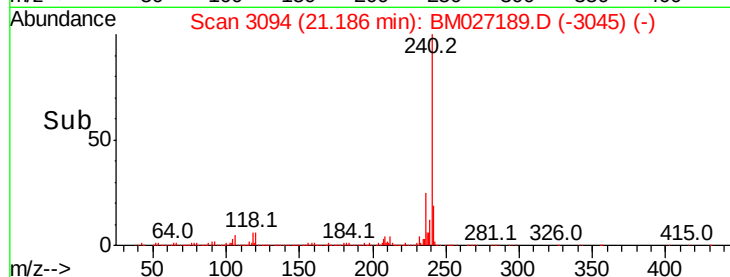
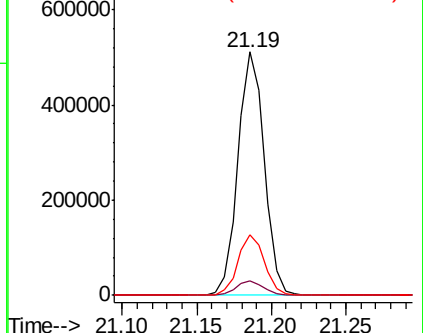
236 25.0 19.8 29.6



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: 76.974 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM027189.D

Acq: 22 Aug 2020 02:55

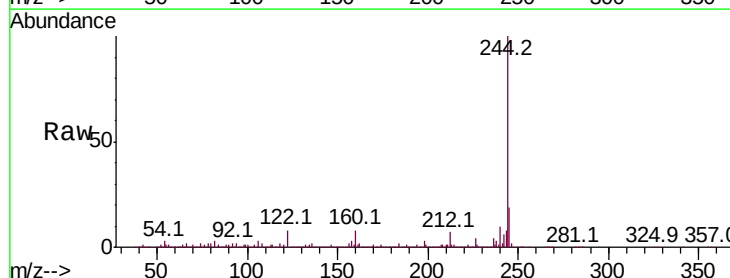
Tgt Ion:244 Resp: 2589247

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

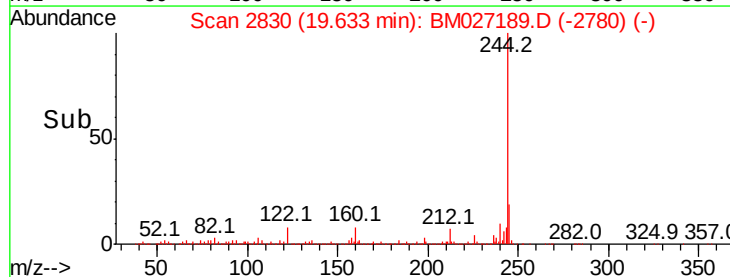
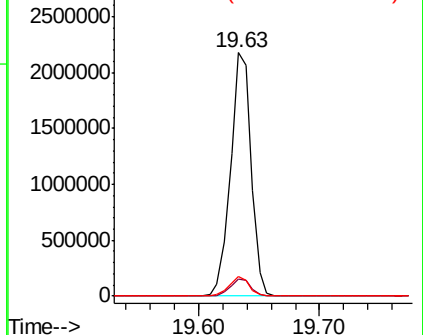
122 8.0 5.8 8.8

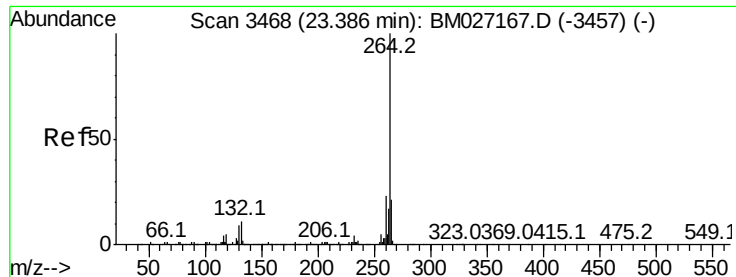


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.02 min
Lab File: BM027189.D
Acq: 22 Aug 2020 02:55

Instrument :
BNA_M
ClientSampleId :
MANHOLE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	21.8	17.5	26.3

