

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027181.D
 Acq On : 21 Aug 2020 22:05
 Operator : JU/CG
 Sample : L3706-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Aug 22 05:33:03 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

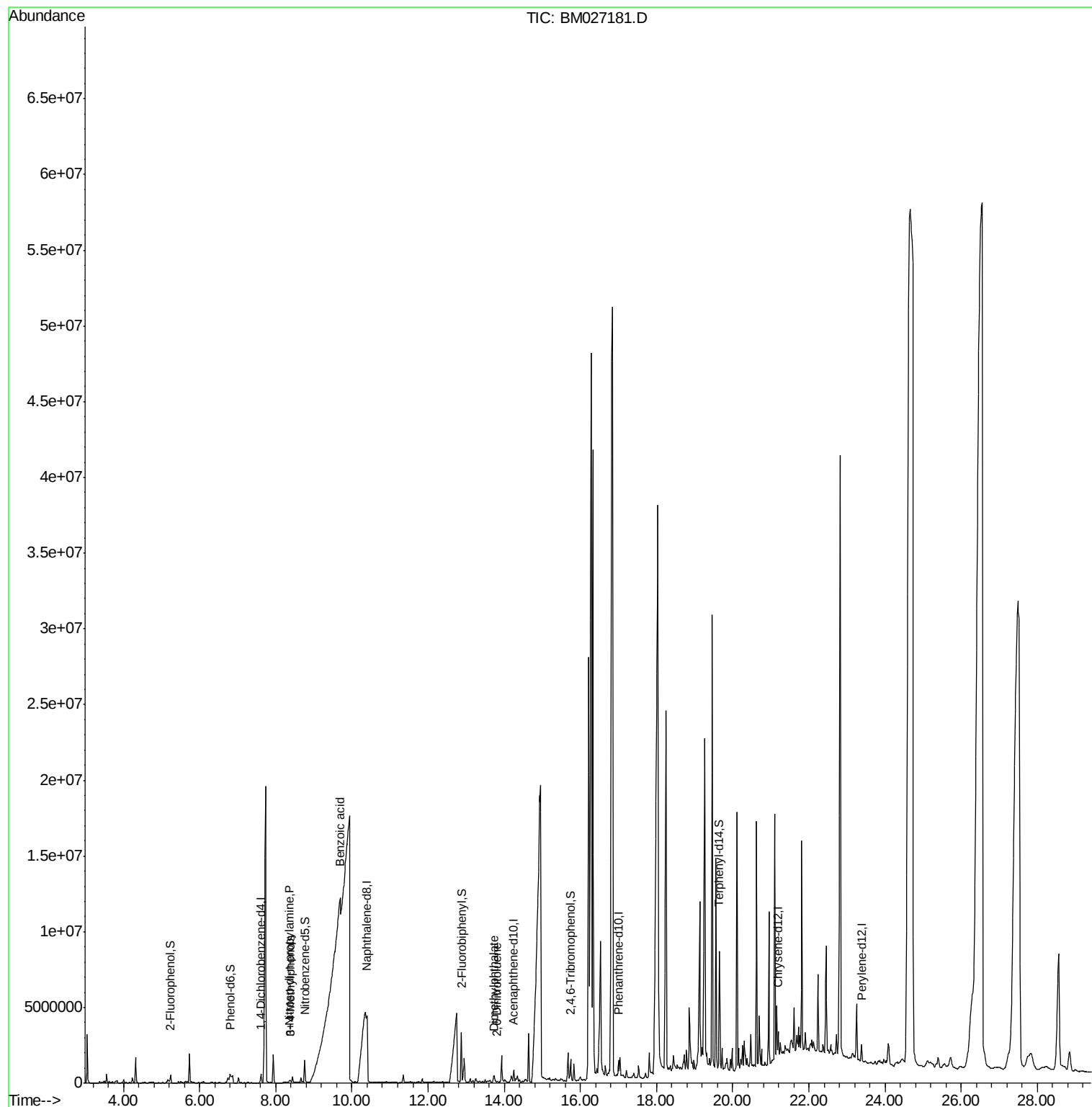
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	125311	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	382971	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	264179	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	619840	20.00	ng	0.00
76) Chrysene-d12	21.20	240	745706	20.00	ng	0.00
86) Perylene-d12	23.39	264	781046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	176315	27.43	ng	0.00
7) Phenol-d6	6.80	99	153676	17.41	ng	0.00
23) Nitrobenzene-d5	8.76	82	880739	94.88	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	244530	57.16	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1654992	82.29	ng	0.00
79) Terphenyl-d14	19.64	244	3290112	82.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.36	70	21099	3.114	ng	Qvalue # 75
20) 3+4-Methylphenols	8.38	107	24066	3.090	ng	# 89
32) Benzoic acid	9.70	122	561	5.115	ng	# 1
50) Dimethylphthalate	13.72	163	115306	5.376	ng	# 95
51) 2,6-Dinitrotoluene	13.82	165	10493	2.460	ng	# 20

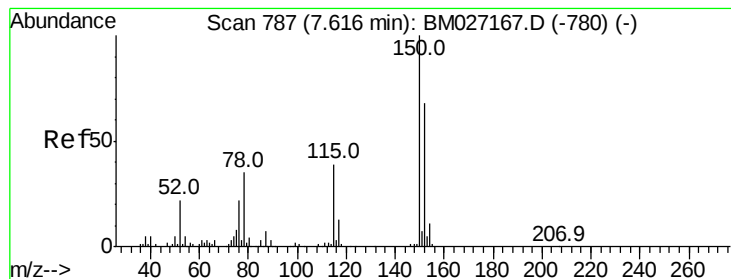
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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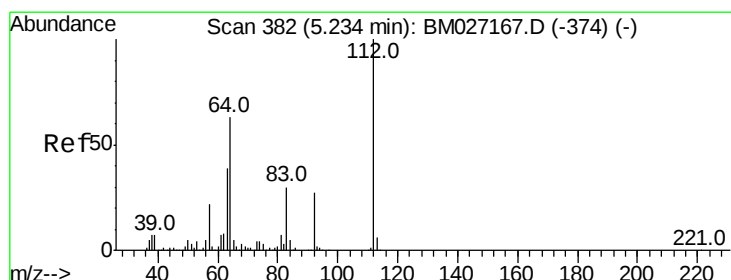
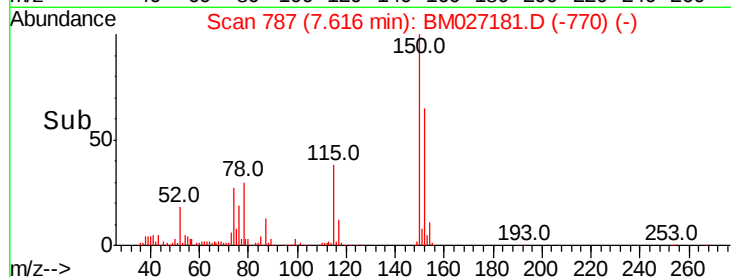
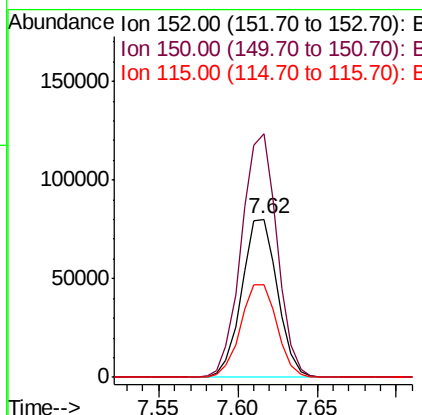
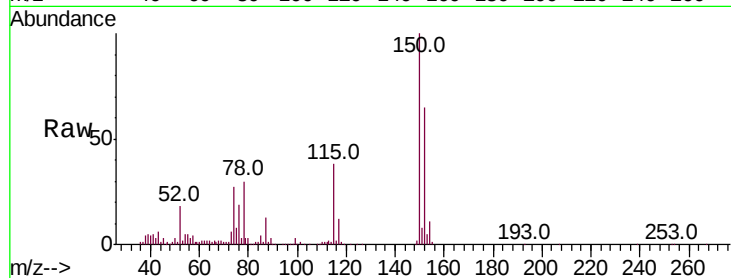


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

Instrument :
BNA_M
ClientSampleId :
EFF-WW

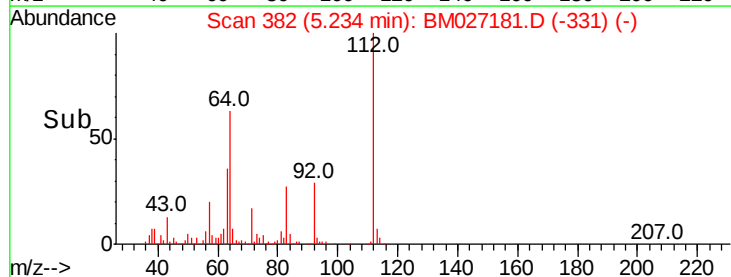
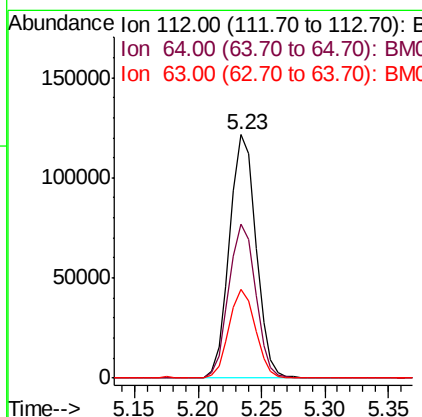
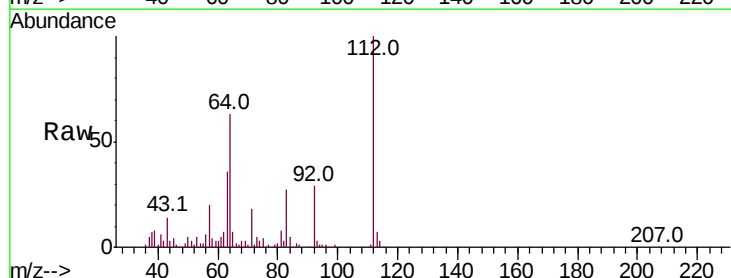
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	118.2	177.4
115	58.6	46.1	69.1

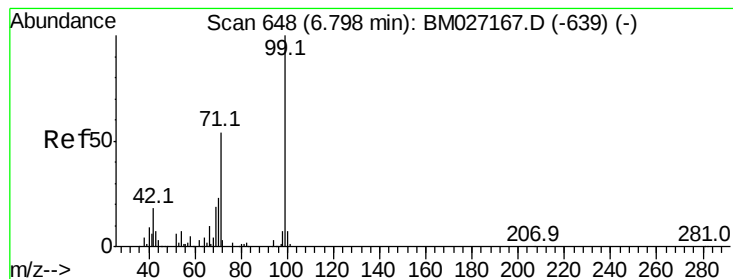


#5

2-Fluorophenol
Concen: 27.429 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.0	75.0
63	36.3	31.6	47.4





#7

Phenol-d6

Concen: 17.412 ng

RT: 6.80 min Scan# 649

Delta R.T. 0.01 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

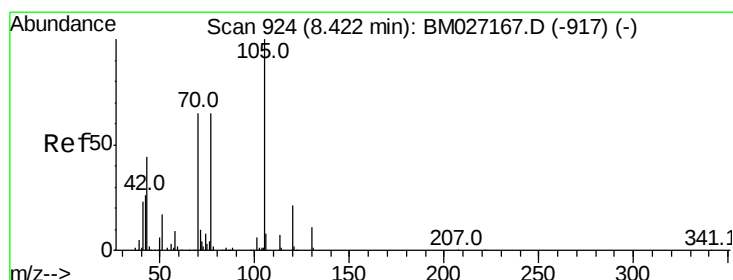
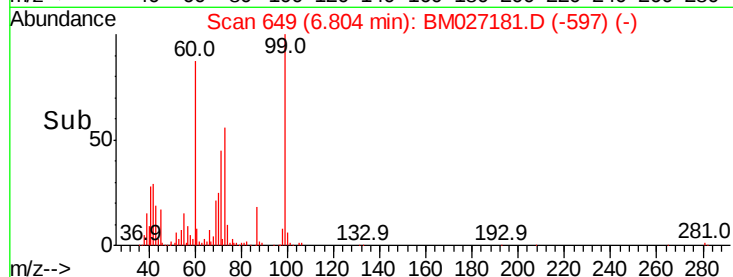
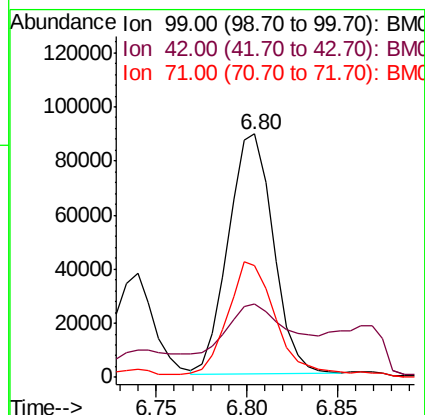
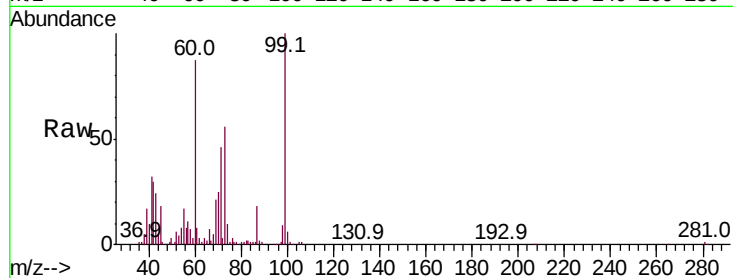
Tot Ion: 99 Resp: 153676

Ion Ratio Lower Upper

99 100

42 29.9 14.5 21.7#

71 46.2 43.0 64.4



#19

n-Nitroso-di-n-propylamine

Concen: 3.114 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.06 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

Tgt Ion: 70 Resp: 21099

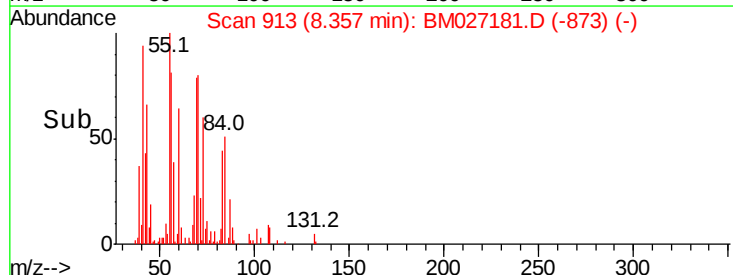
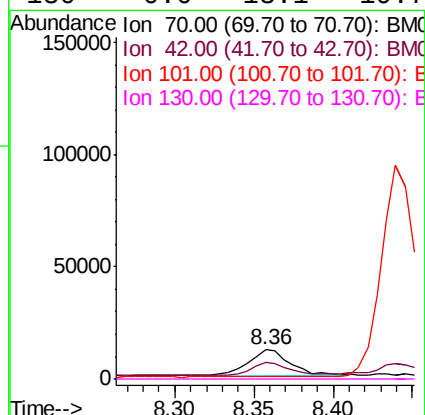
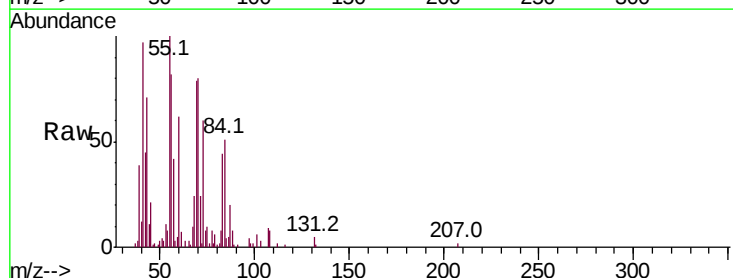
Ion Ratio Lower Upper

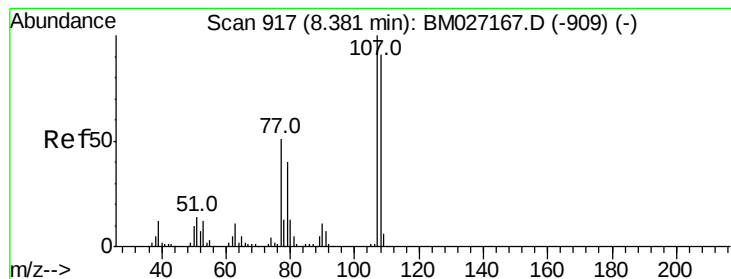
70 100

42 56.5 33.2 49.8#

101 8.0 6.9 10.3

130 0.0 13.1 19.7#





#20

3+4-Methylphenols

Concen: 3.090 ng

RT: 8.38 min Scan# 917

Delta R.T. 0.00 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

Tot Ion:107 Resp: 24066

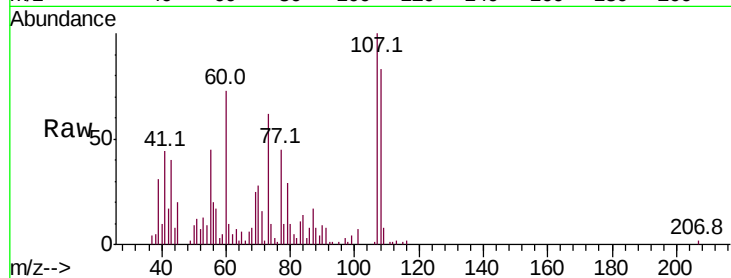
Ion Ratio Lower Upper

107 100

108 82.5 70.7 110.7

77 44.9 30.8 70.8

79 29.4 20.6 60.6

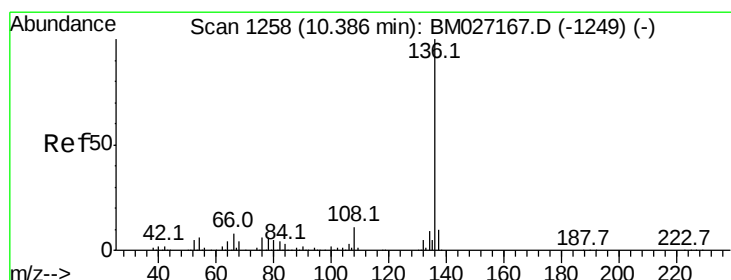
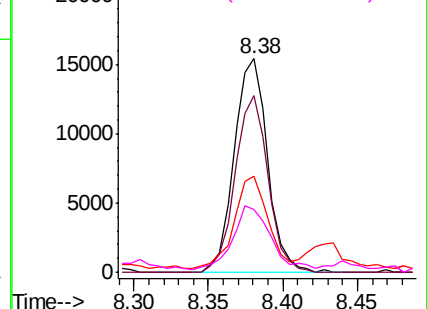
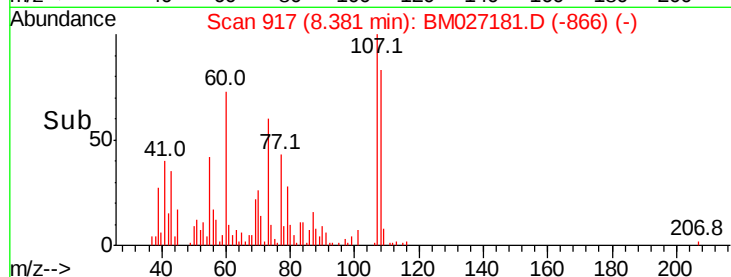


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

Tgt Ion:136 Resp: 382971

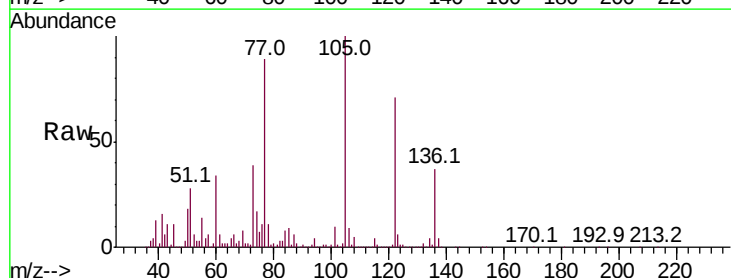
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 7.9 4.8 7.2#

68 7.5 3.5 5.3#

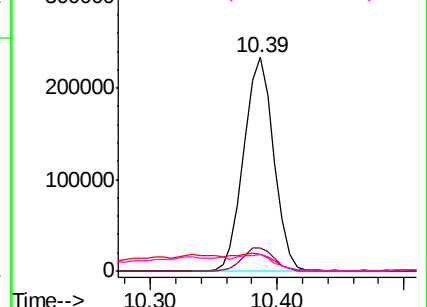
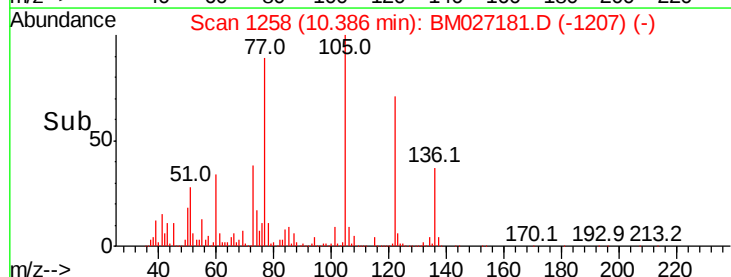


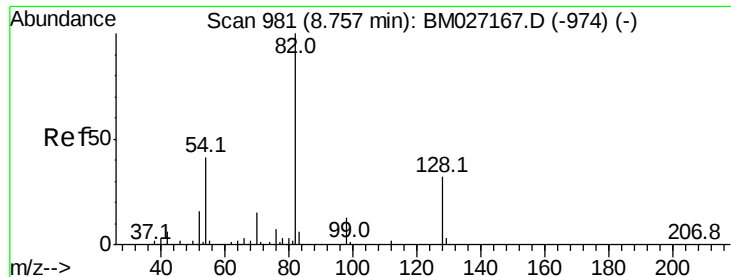
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM

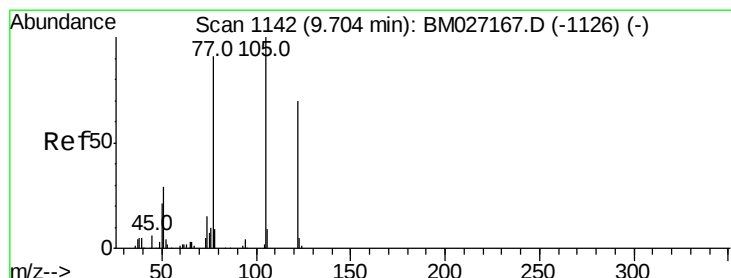
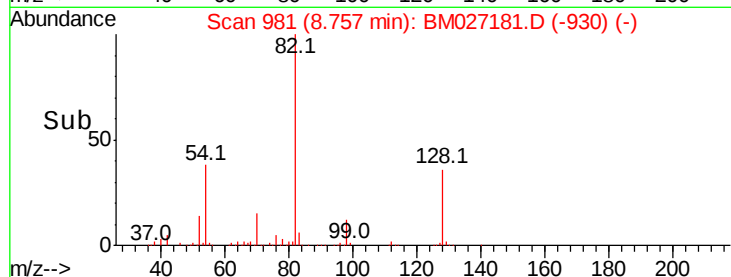
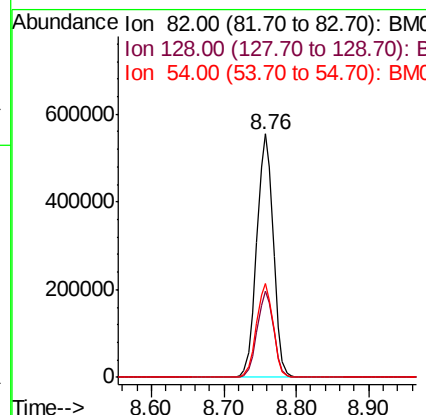
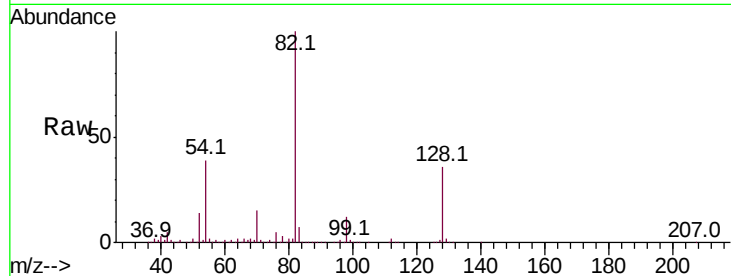




#23
 Nitrobenzene-d5
 Concen: 94.882 ng
 RT: 8.76 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BM027181.D
 Acq: 21 Aug 2020 22:05

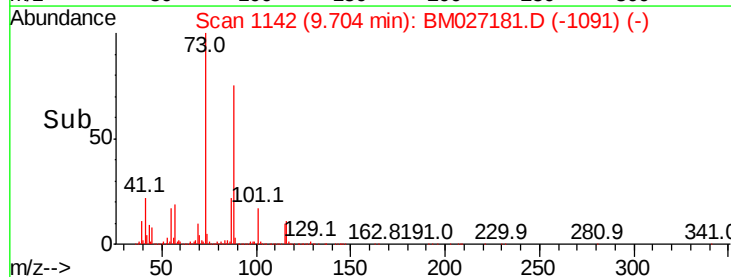
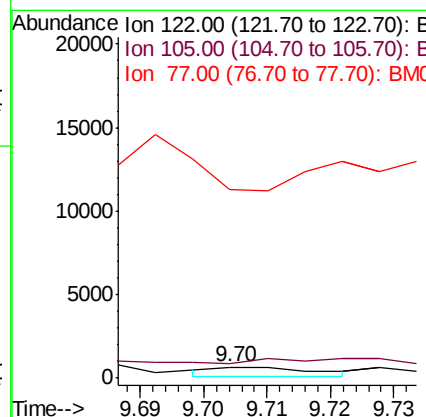
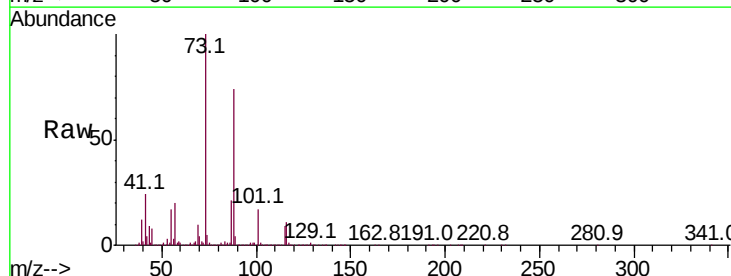
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

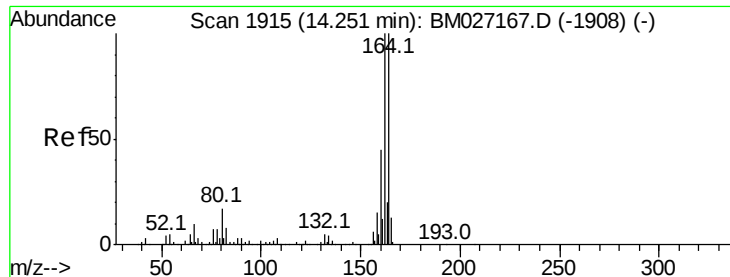
Tot Ion	82	Resp	880739
Ion	Ratio	Lower	Upper
82	100		
128	35.6	25.7	38.5
54	38.5	33.0	49.4



#32
 Benzoic acid
 Concen: 5.115 ng
 RT: 9.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BM027181.D
 Acq: 21 Aug 2020 22:05

Tgt Ion	122	Resp	561
Ion	Ratio	Lower	Upper
122	100		
105	135.9	117.8	157.8
77	1765.7	107.8	147.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. 0.01 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

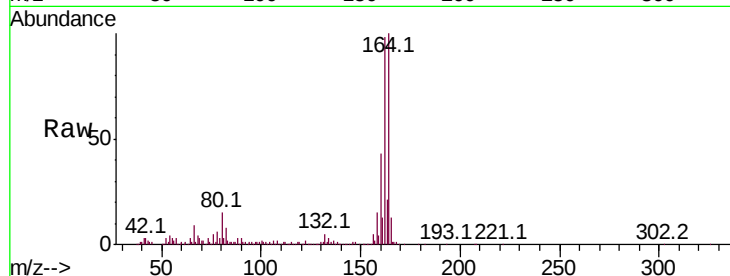
Tot Ion:164 Resp: 264179

Ion Ratio Lower Upper

164 100

162 98.4 80.2 120.4

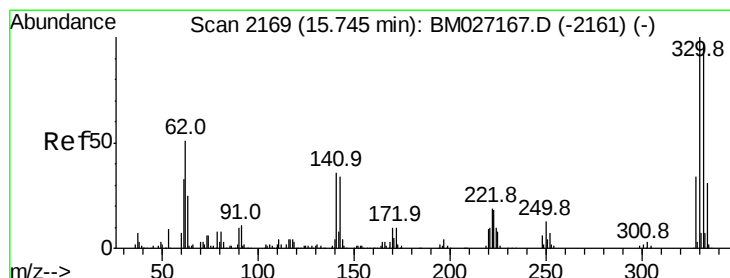
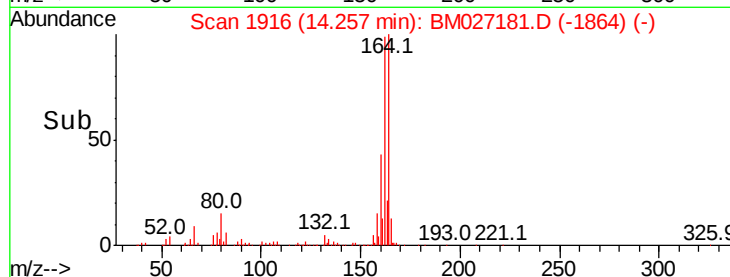
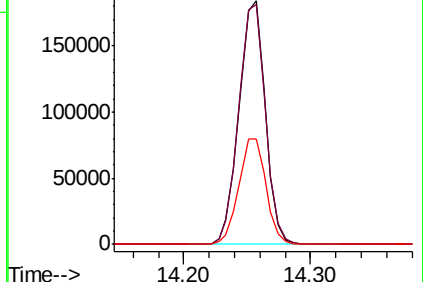
160 43.1 36.3 54.5



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: 57.161 ng

RT: 15.74 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

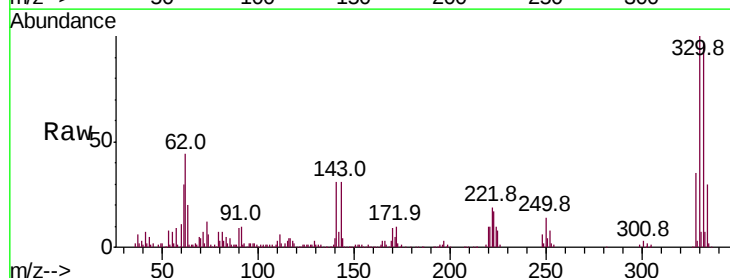
Tgt Ion:330 Resp: 244530

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

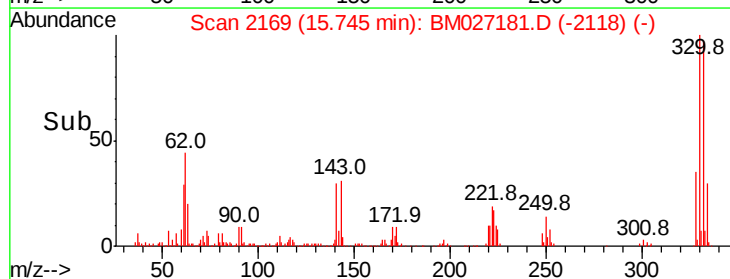
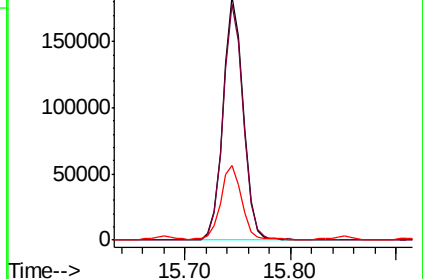
141 32.4 31.0 46.6

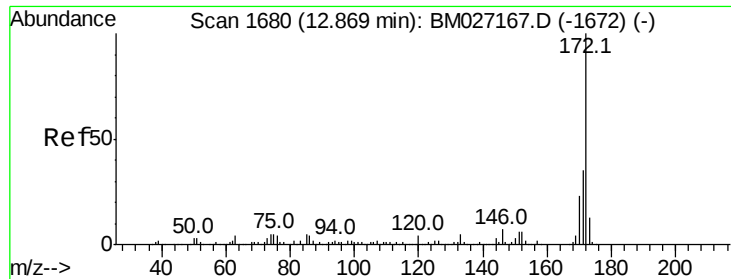


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

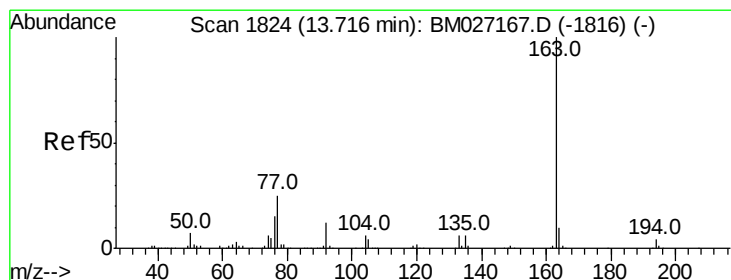
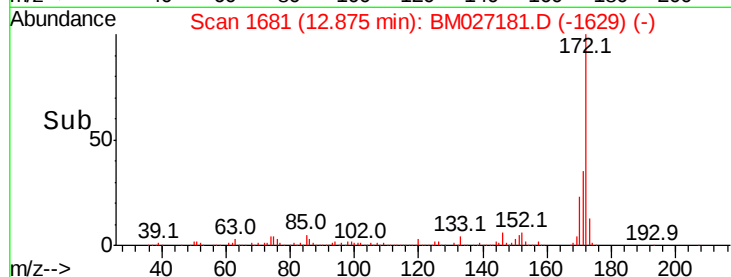
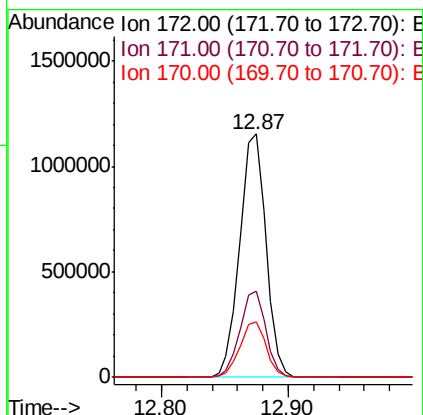
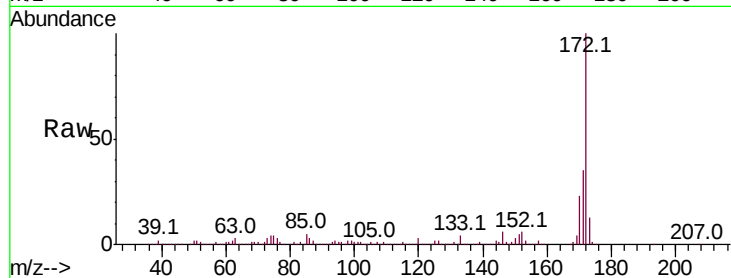




#45
2-Fluorobiphenyl
Concen: 82.294 ng
RT: 12.87 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

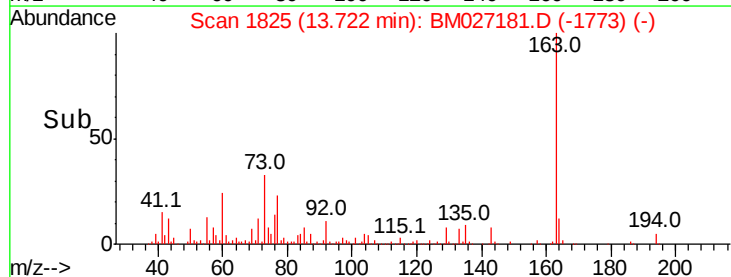
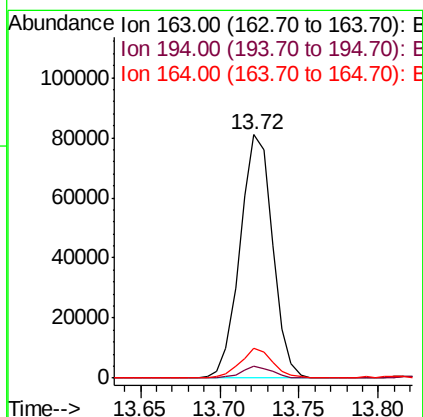
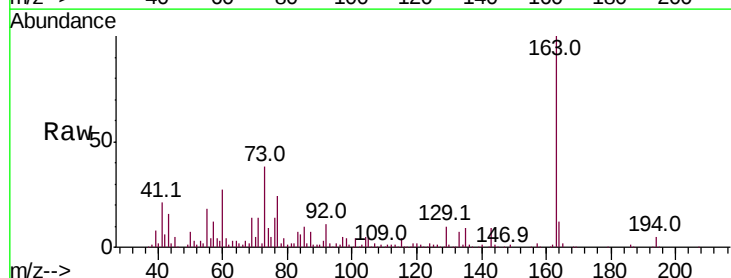
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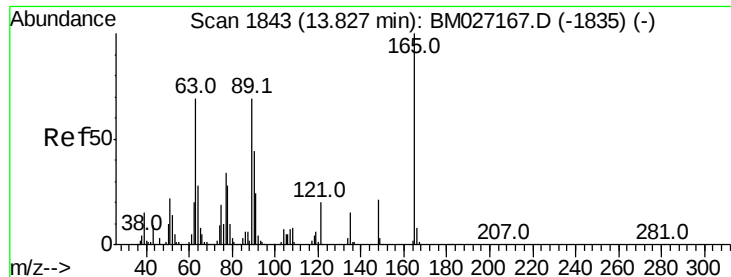
Tot Ion:172 Resp: 1654992
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.0 18.6 28.0



#50
Dimethylphthalate
Concen: 5.376 ng
RT: 13.72 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

Tgt Ion:163 Resp: 115306
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 12.5 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 2.460 ng

RT: 13.82 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

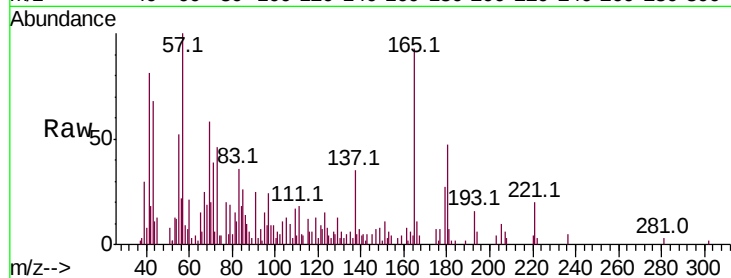
Tot Ion:165 Resp: 10493

Ion Ratio Lower Upper

165 100

63 4.7 56.2 84.4#

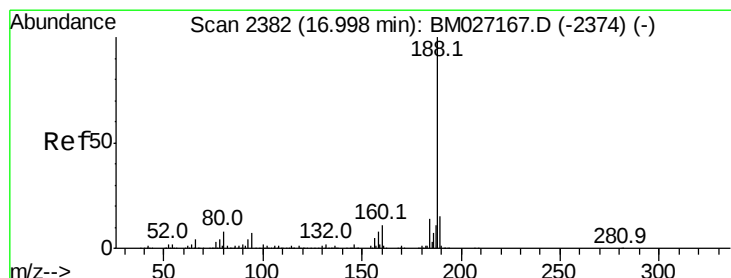
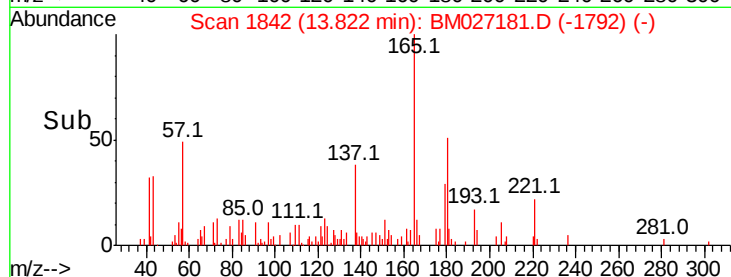
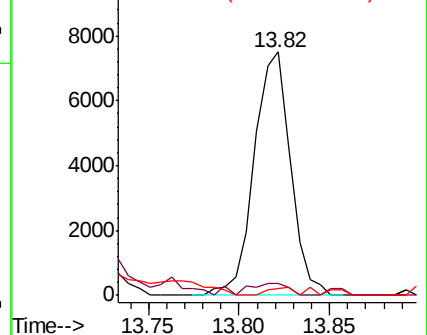
89 3.0 55.3 82.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2383

Delta R.T. 0.01 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

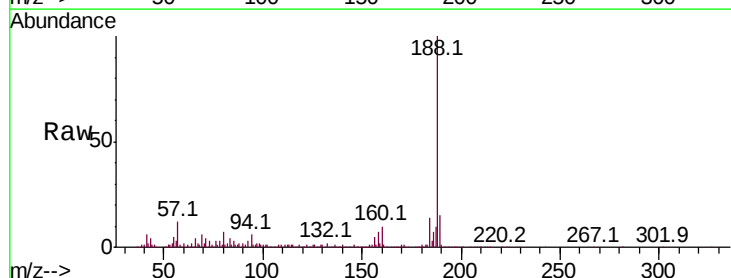
Tgt Ion:188 Resp: 619840

Ion Ratio Lower Upper

188 100

94 6.1 5.5 8.3

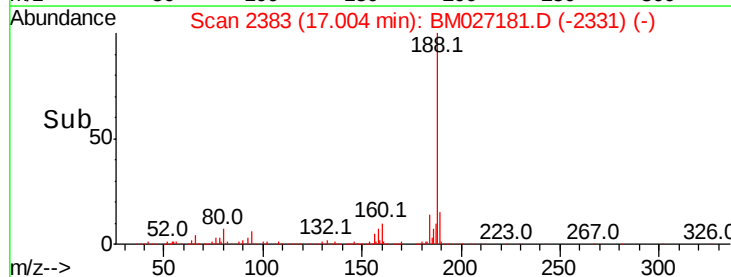
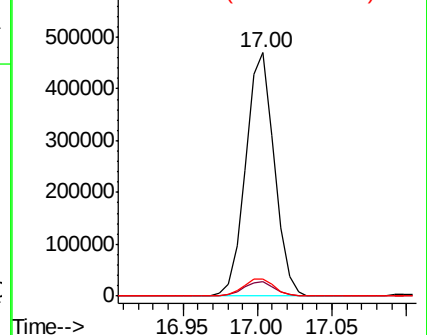
80 7.1 6.2 9.4

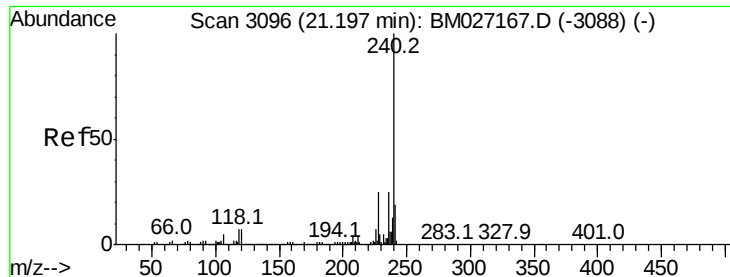


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

Instrument :

BNA_M

ClientSampleId :

EFF-WW

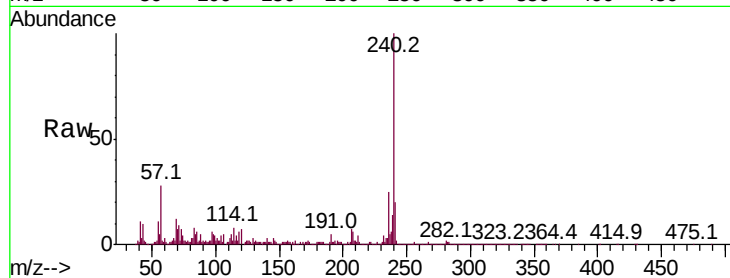
Tot Ion:240 Resp: 745706

Ion Ratio Lower Upper

240 100

120 6.8 5.6 8.4

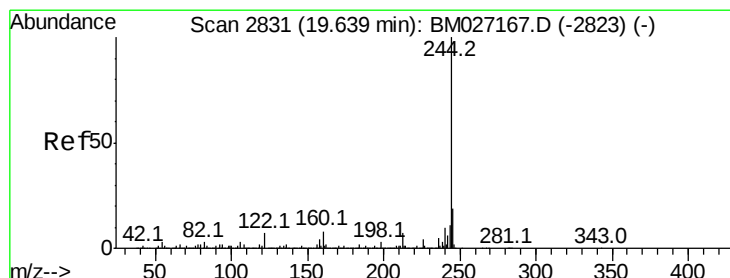
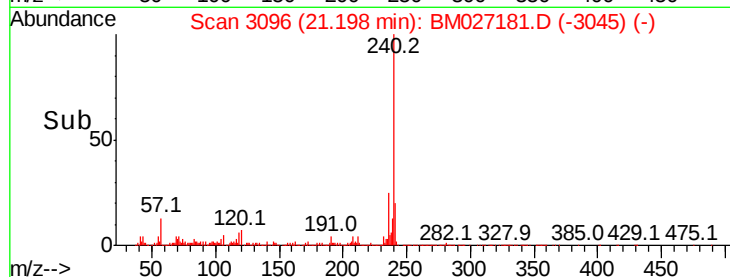
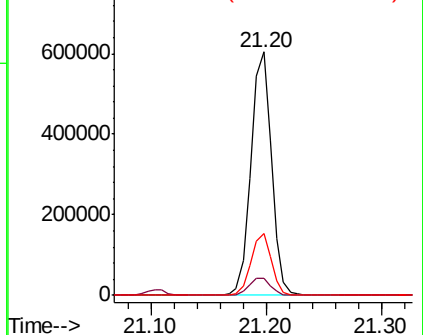
236 25.2 19.8 29.6



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: 82.420 ng

RT: 19.64 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BM027181.D

Acq: 21 Aug 2020 22:05

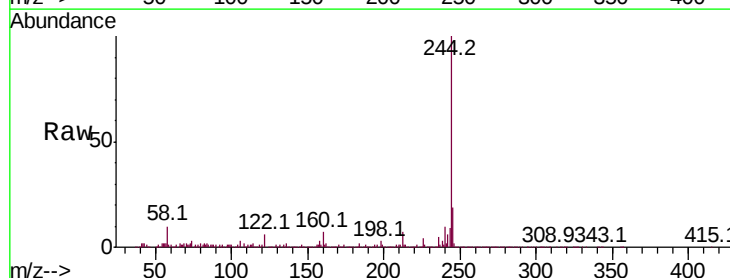
Tgt Ion:244 Resp: 3290112

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

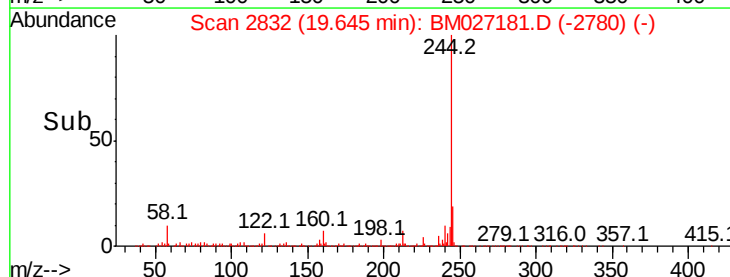
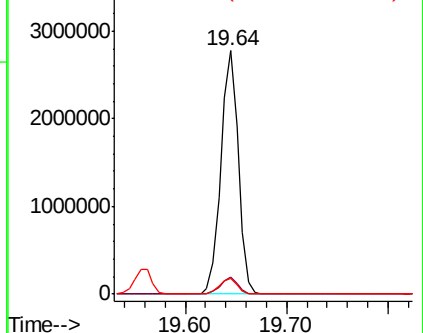
122 6.5 5.8 8.8

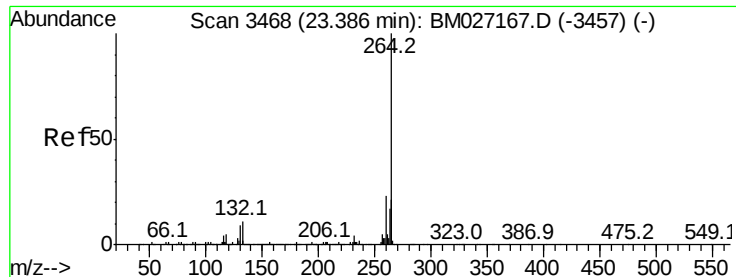


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



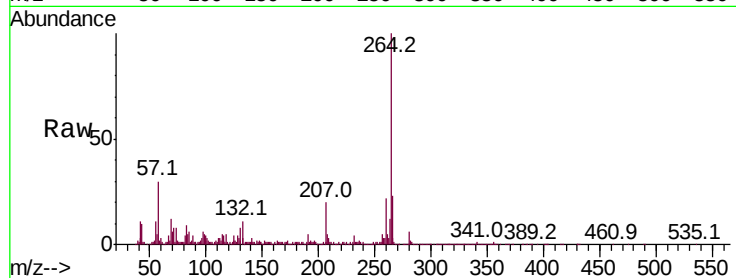


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3468
Delta R.T. 0.00 min
Lab File: BM027181.D
Acq: 21 Aug 2020 22:05

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tot Ion:264 Resp: 781046

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.8	28.2
265	22.6	17.5	26.3



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

