

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027186.D
 Acq On : 22 Aug 2020 01:06
 Operator : JU/CG
 Sample : L3746-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 359

Quant Time: Aug 22 05:33:44 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

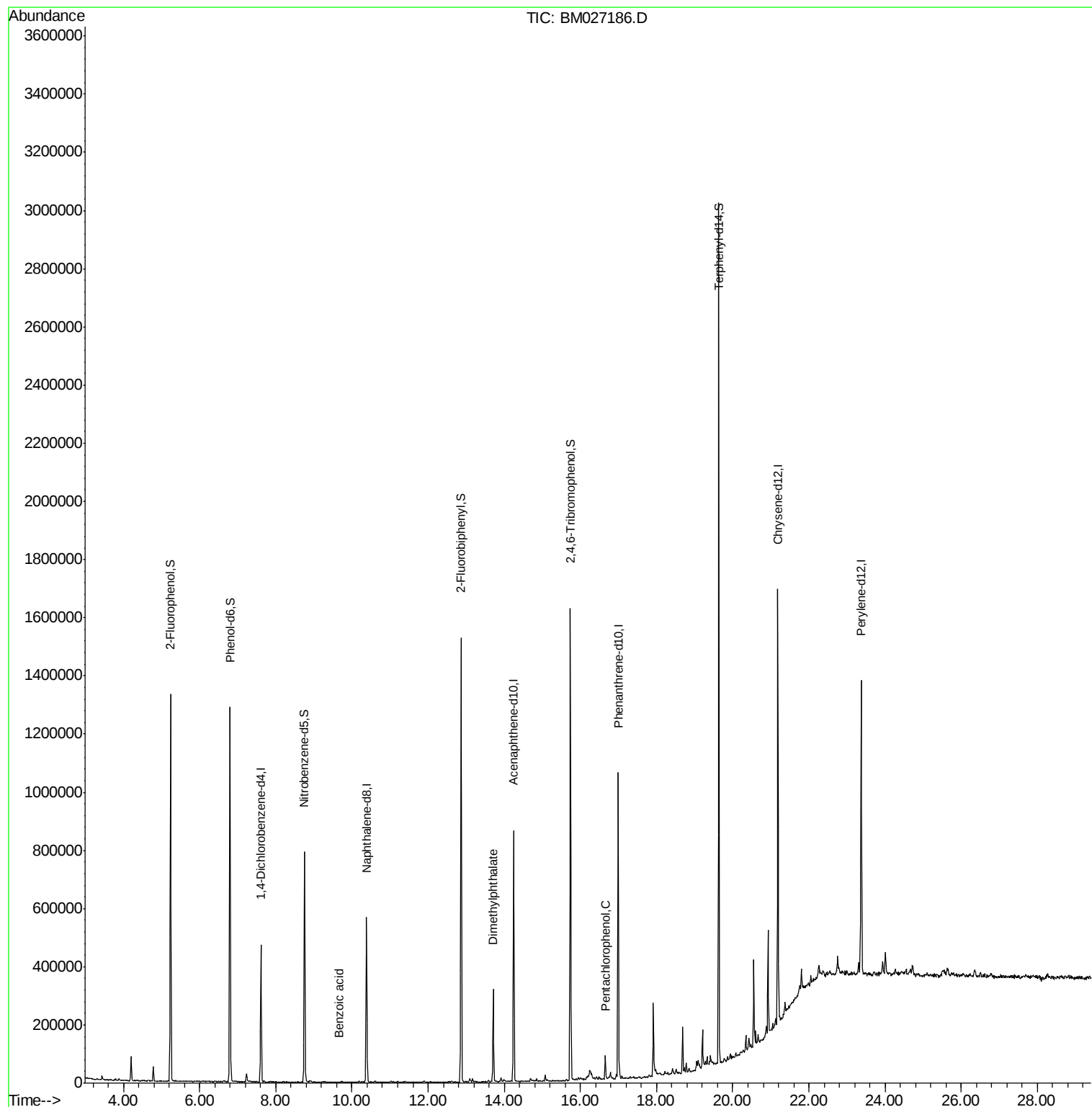
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	119027	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	440362	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	279193	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	616420	20.00	ng	0.00
76) Chrysene-d12	21.19	240	671239	20.00	ng	-0.01
86) Perylene-d12	23.37	264	718389	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	471661	77.25	ng	0.00
7) Phenol-d6	6.80	99	647089	77.19	ng	0.00
23) Nitrobenzene-d5	8.75	82	481440	45.11	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	282159	62.41	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	756791	35.61	ng	0.00
79) Terphenyl-d14	19.63	244	1161264	32.32	ng	0.00
Target Compounds						
32) Benzoic acid	9.67	122	62	4.996	ng	Qvalue # 31
50) Dimethylphthalate	13.71	163	186030	8.207	ng	99
70) Pentachlorophenol	16.65	266	13968	2.922	ng	90

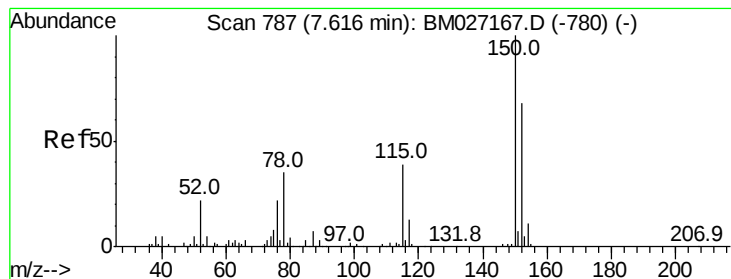
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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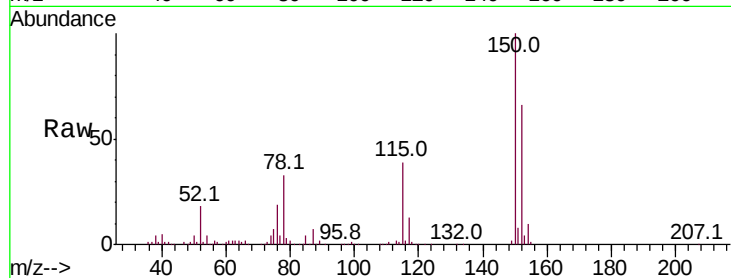


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM027186.D
Acq: 22 Aug 2020 01:06

Instrument :
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ClientSampleId :
359

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	118.2	177.4
115	58.8	46.1	69.1

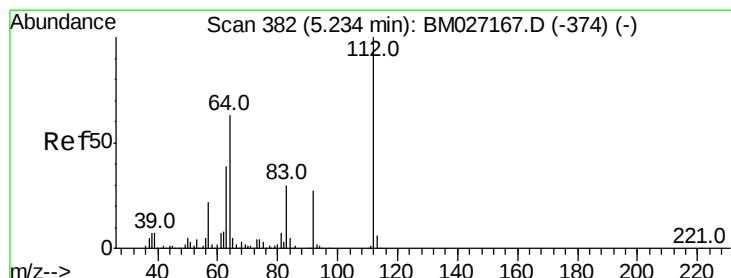
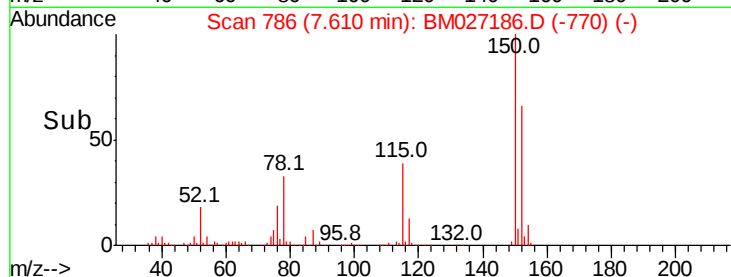
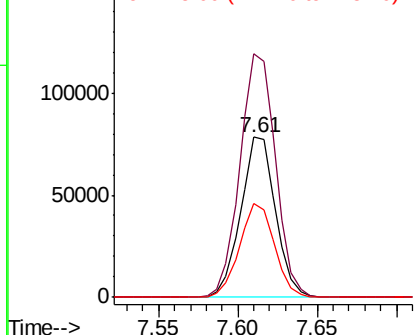


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

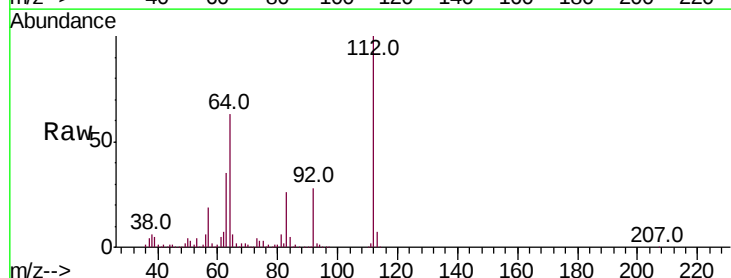
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.250 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM027186.D
Acq: 22 Aug 2020 01:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.0	75.0
63	35.0	31.6	47.4

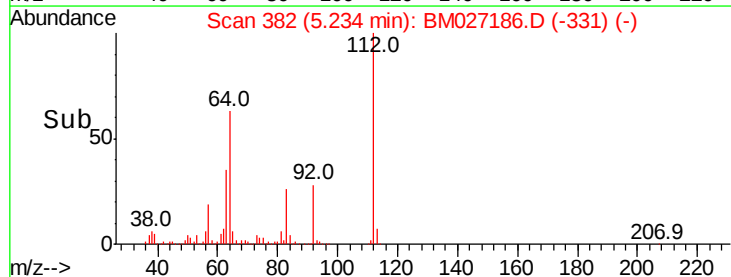
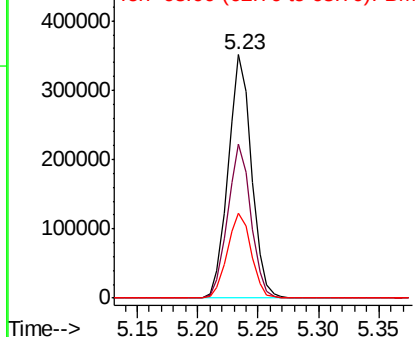


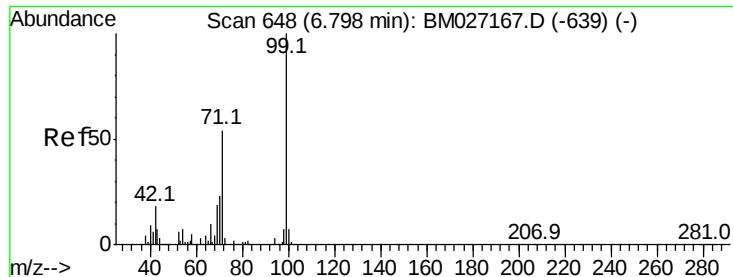
Abundance

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: 77.190 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM027186.D

Acq: 22 Aug 2020 01:06

Instrument :

BNA_M

ClientSampled :

359

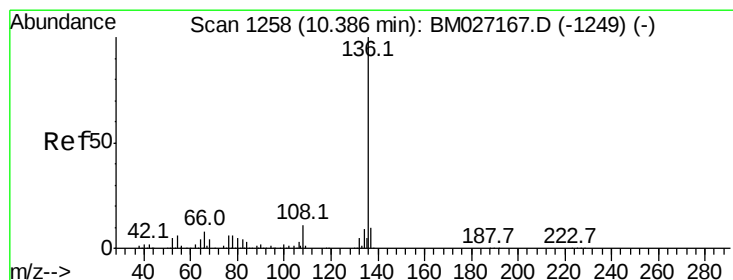
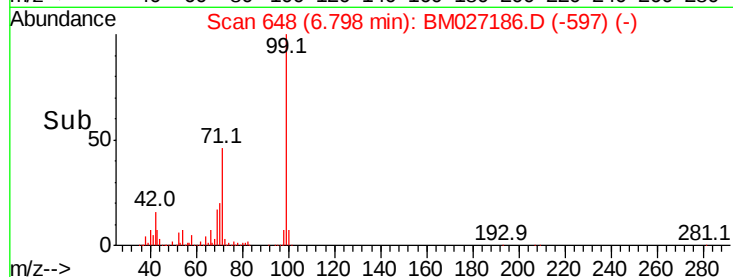
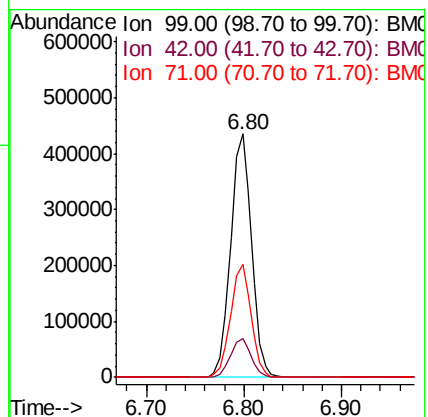
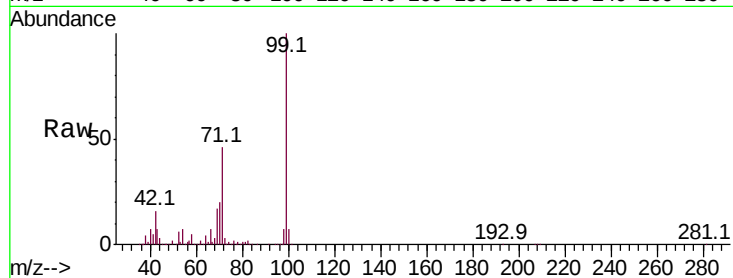
Tot Ion: 99 Resp: 647089

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 46.4 43.0 64.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM027186.D

Acq: 22 Aug 2020 01:06

Tgt Ion: 136 Resp: 440362

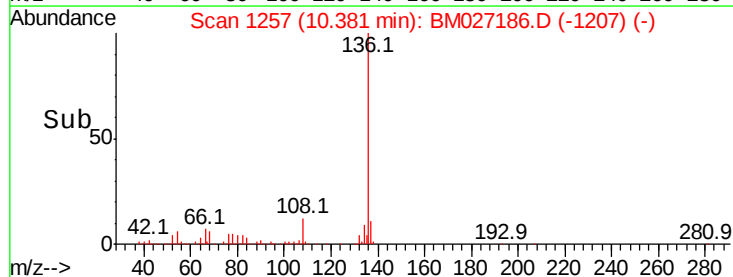
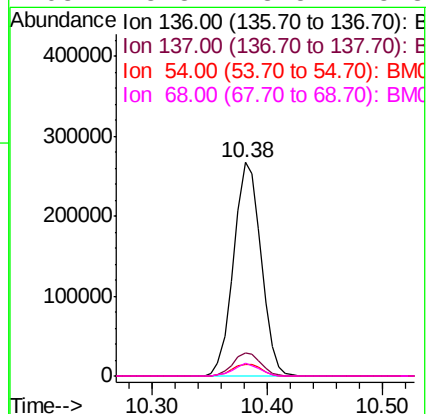
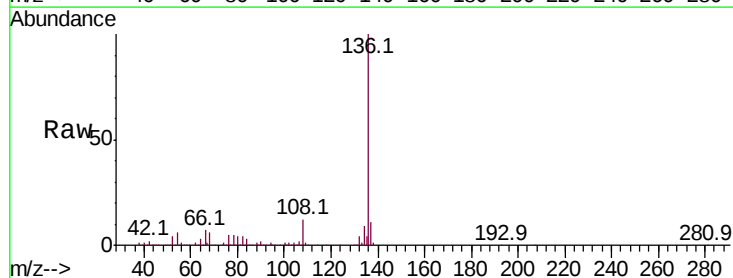
Ion Ratio Lower Upper

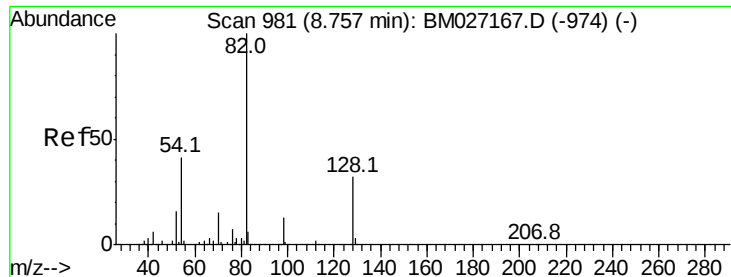
136 100

137 11.1 8.2 12.4

54 5.6 4.8 7.2

68 5.8 3.5 5.3#

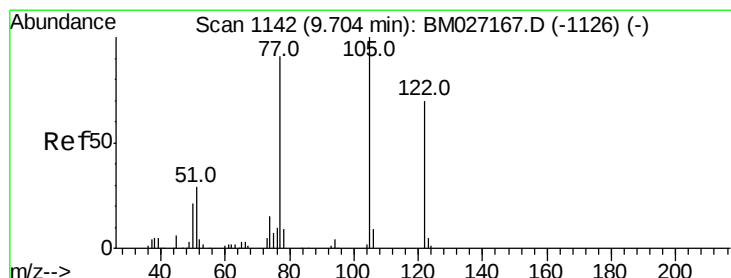
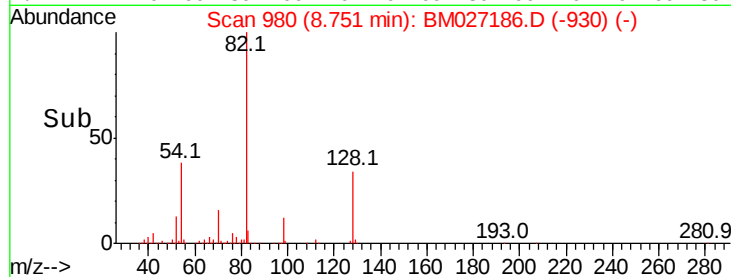
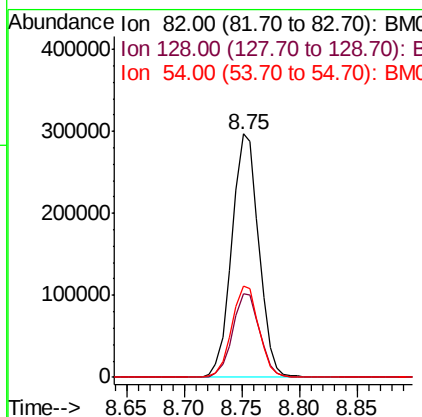
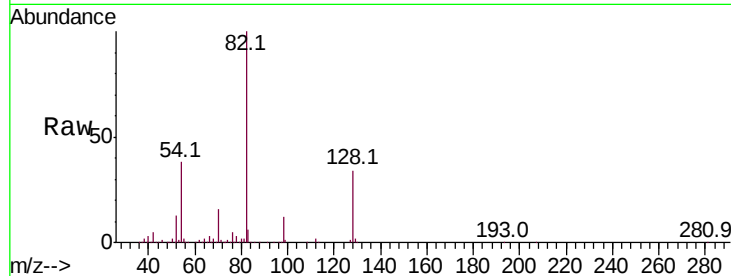




#23
 Nitrobenzene-d5
 Concen: 45.106 ng
 RT: 8.75 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BM027186.D
 Acq: 22 Aug 2020 01:06

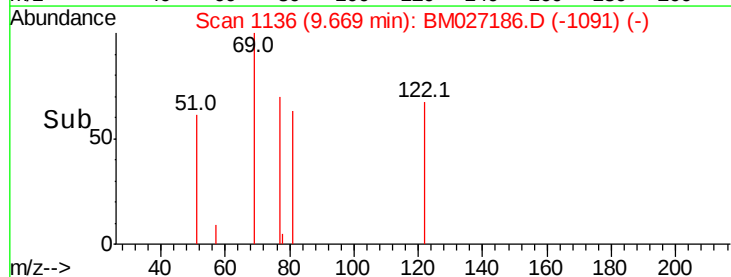
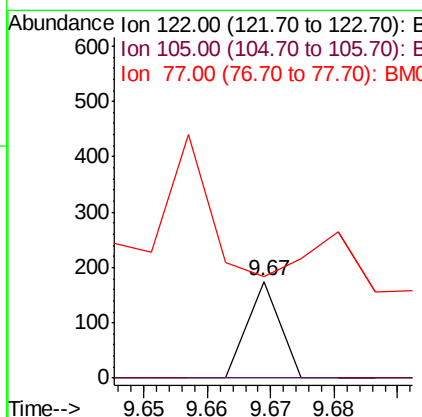
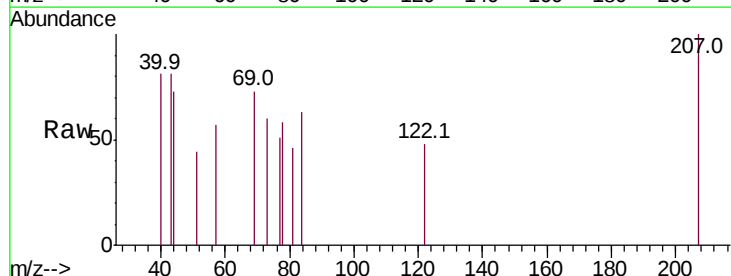
Instrument :
 BNA_M
 ClientSampleId :
 359

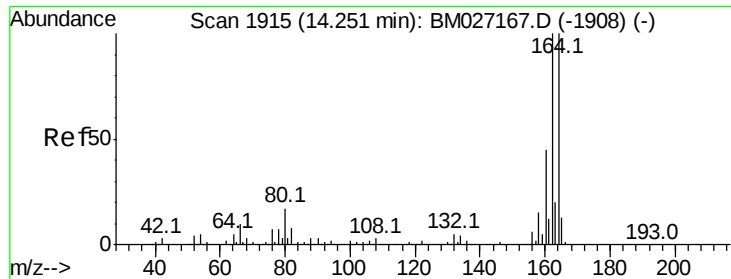
Tot Ion	82	Resp	481440
Ion	Ratio	Lower	Upper
82	100		
128	34.2	25.7	38.5
54	37.6	33.0	49.4



#32
 Benzoic acid
 Concen: 4.996 ng
 RT: 9.67 min Scan# 1136
 Delta R.T. -0.04 min
 Lab File: BM027186.D
 Acq: 22 Aug 2020 01:06

Tgt Ion	122	Resp	62
Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.8	157.8#
77	105.1	107.8	147.8#

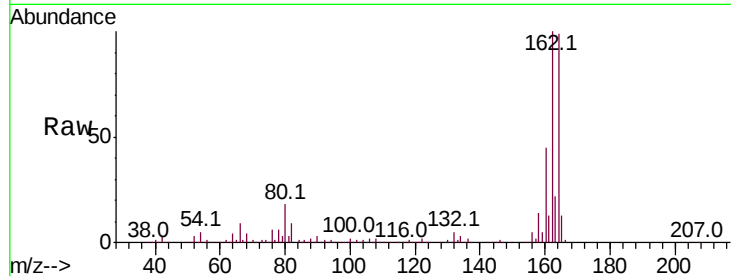




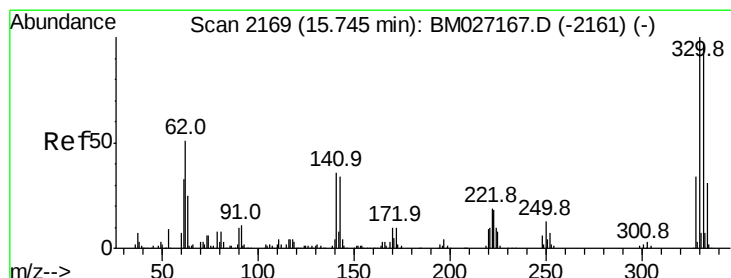
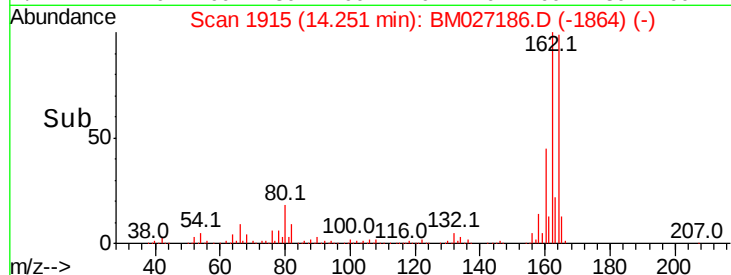
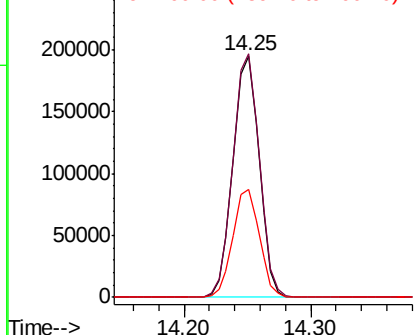
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BM027186.D
Acq: 22 Aug 2020 01:06

Instrument :
BNA_M
ClientSampleId :
359

Tot Ion:164 Resp: 279193
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.4
160 44.9 36.3 54.5

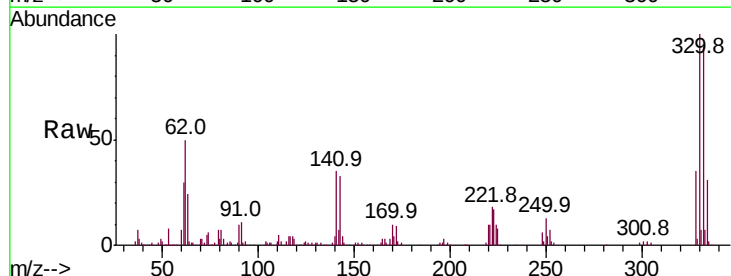


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

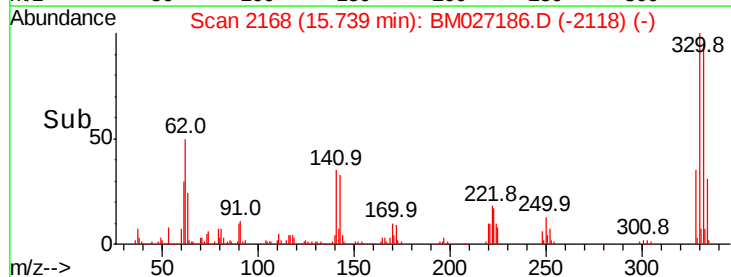
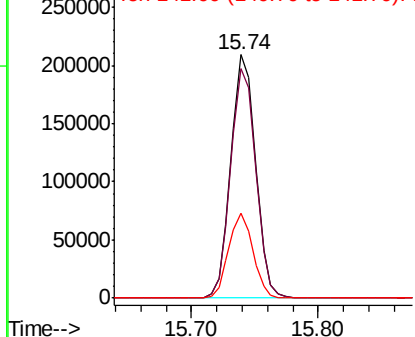


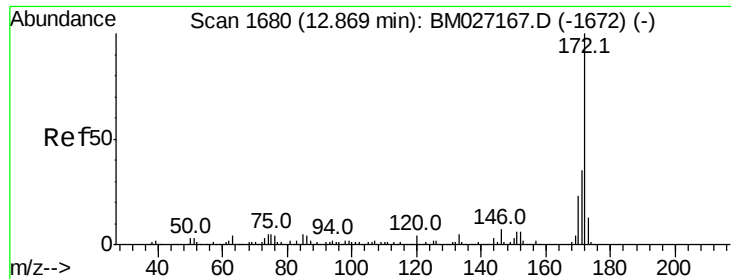
#42
2,4,6-Tribromophenol
Concen: 62.410 ng
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BM027186.D
Acq: 22 Aug 2020 01:06

Tgt Ion:330 Resp: 282159
Ion Ratio Lower Upper
330 100
332 95.8 77.2 115.8
141 34.4 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

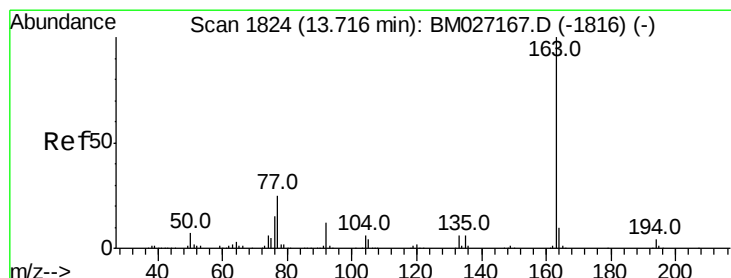
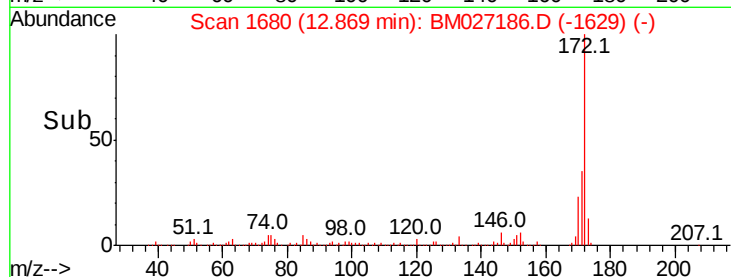
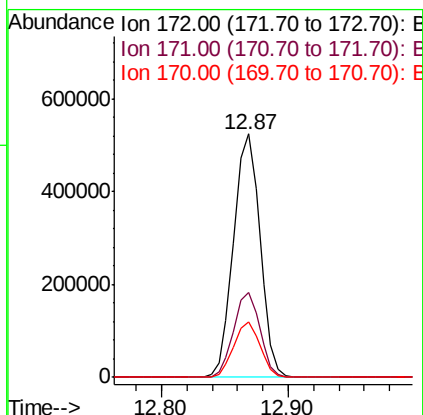
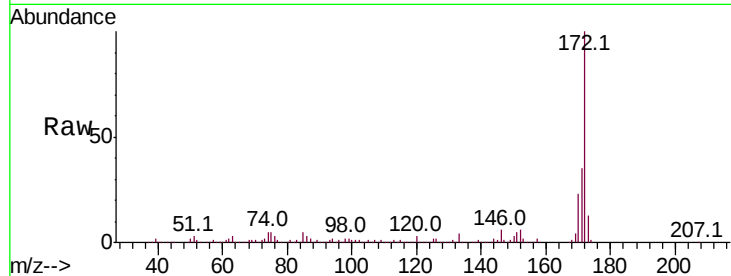




#45
2-Fluorobiphenyl
Concen: 35.608 ng
RT: 12.87 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BM027186.D
Acq: 22 Aug 2020 01:06

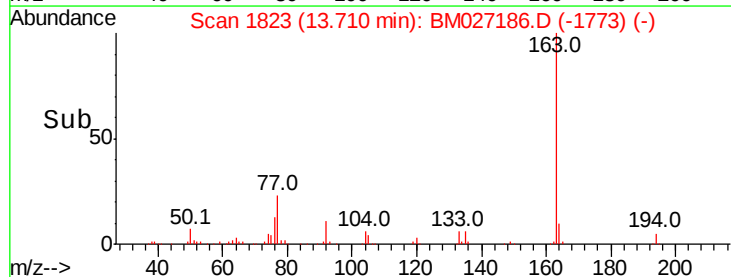
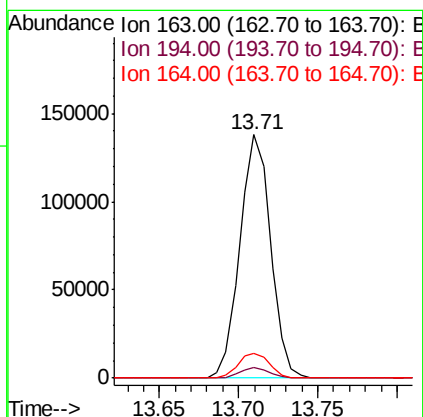
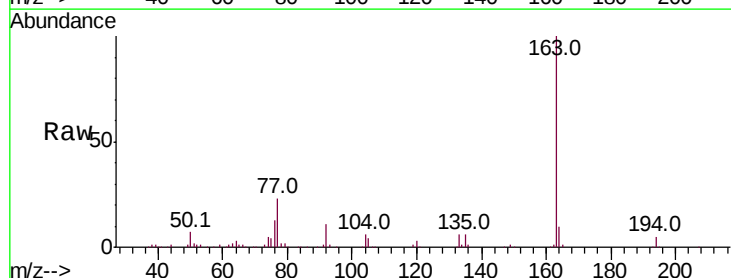
Instrument :
BNA_M
ClientSampleId :
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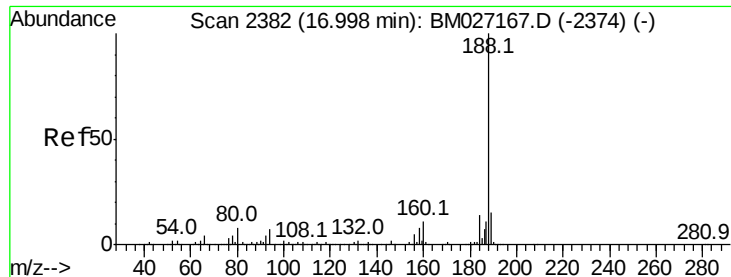
Tot Ion:	172	Resp:	756791
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	22.9	18.6	28.0



#50
Dimethylphthalate
Concen: 8.207 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM027186.D
Acq: 22 Aug 2020 01:06

Tgt Ion:	163	Resp:	186030
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.0	8.2	12.2

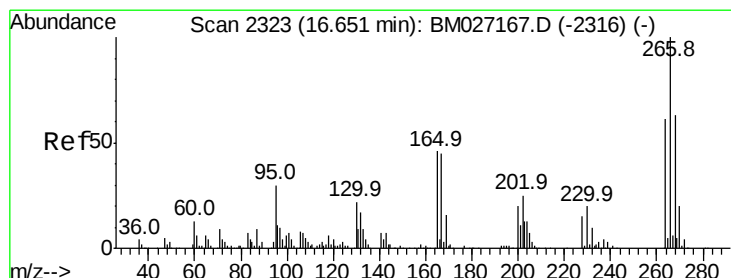
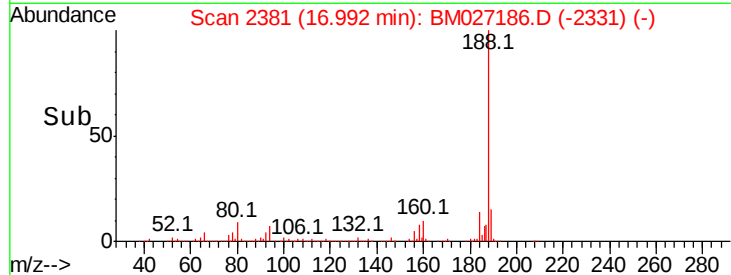
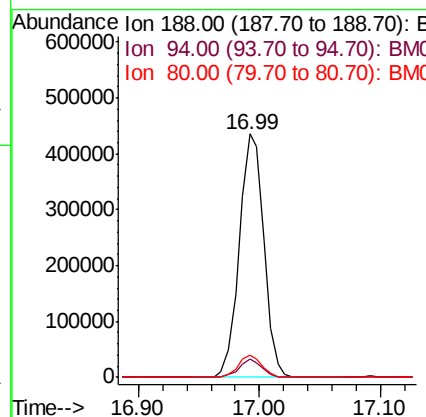
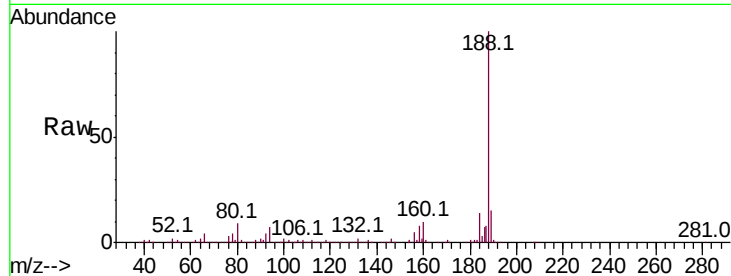




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BM027186.D
 Acq: 22 Aug 2020 01:06

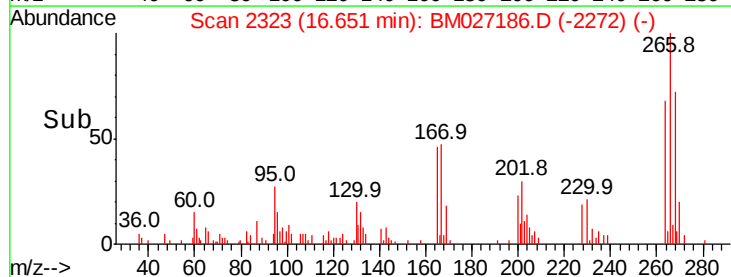
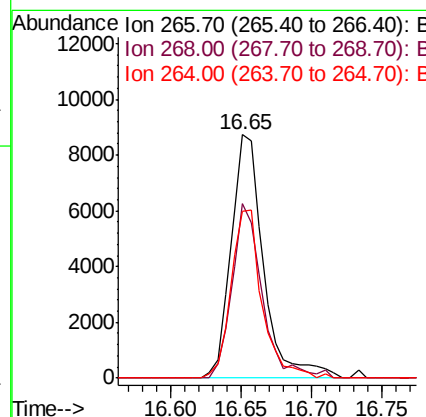
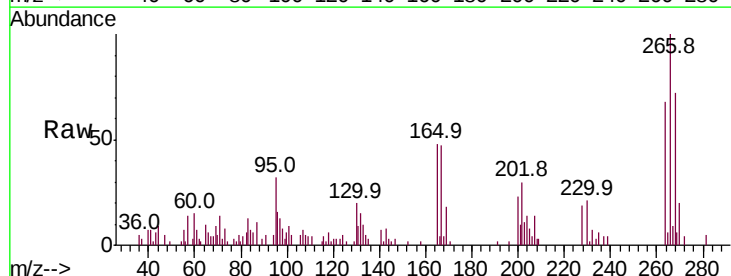
Instrument :
 BNA_M
 ClientSampled :
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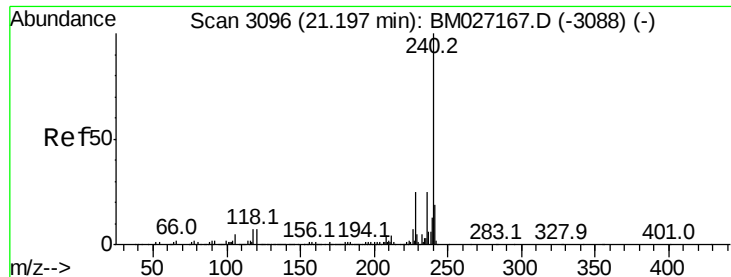
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.5	8.3
80	9.0	6.2	9.4



#70
 Pentachlorophenol
 Concen: 2.922 ng
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BM027186.D
 Acq: 22 Aug 2020 01:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.6	50.2	75.2
264	68.4	49.1	73.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM027186.D

Acq: 22 Aug 2020 01:06

Instrument :

BNA_M

ClientSampleId :

359

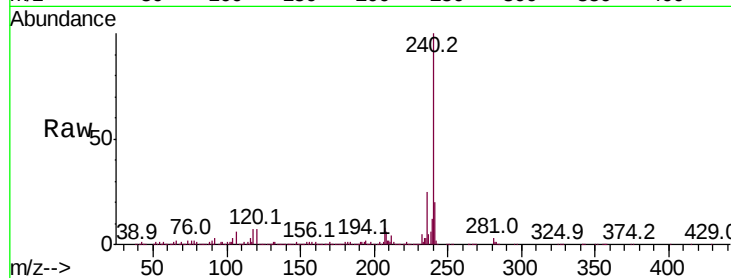
Tot Ion:240 Resp: 671239

Ion Ratio Lower Upper

240 100

120 7.1 5.6 8.4

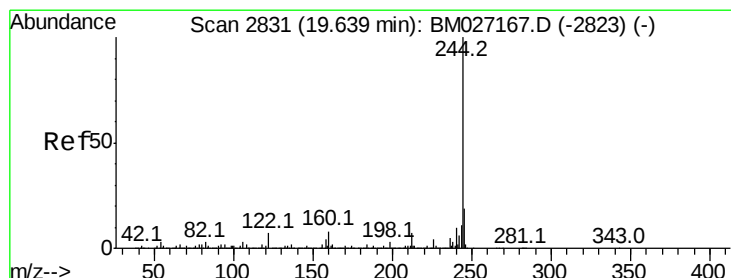
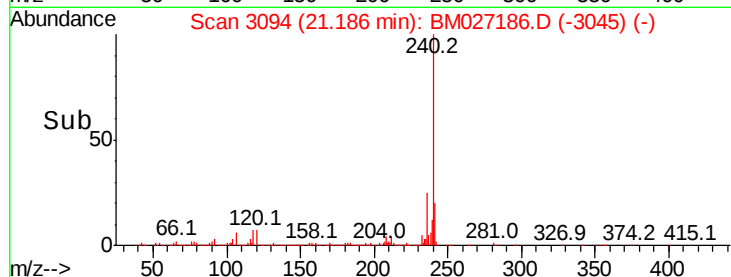
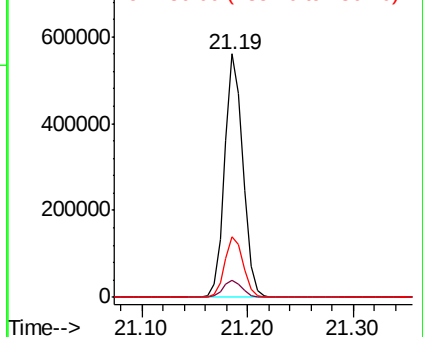
236 25.1 19.8 29.6



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: 32.318 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM027186.D

Acq: 22 Aug 2020 01:06

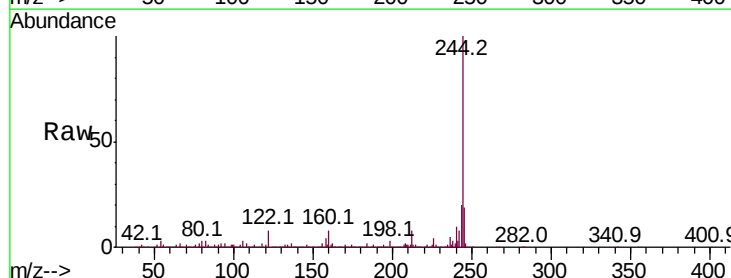
Tgt Ion:244 Resp: 1161264

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

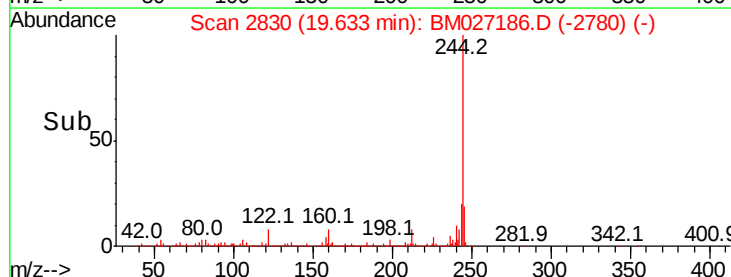
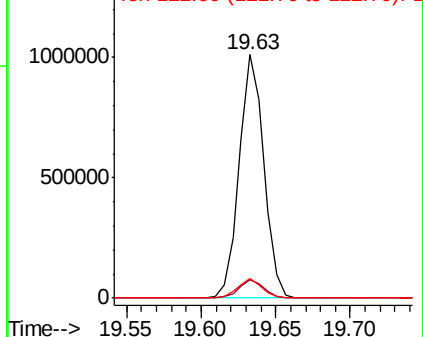
122 7.8 5.8 8.8

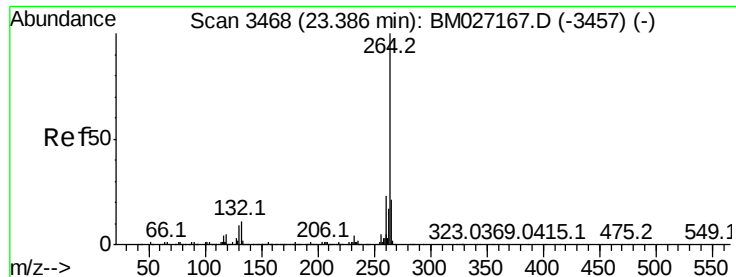


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3466
Delta R.T. -0.01 min
Lab File: BM027186.D
Acq: 22 Aug 2020 01:06

Instrument :
BNA_M
ClientSampleId :
359

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.8	28.2
265	21.6	17.5	26.3

