

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
 Data File : BM020195.D
 Acq On : 08 May 2019 15:18
 Operator : JU/SJ
 Sample : K2688-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 16:23:32 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

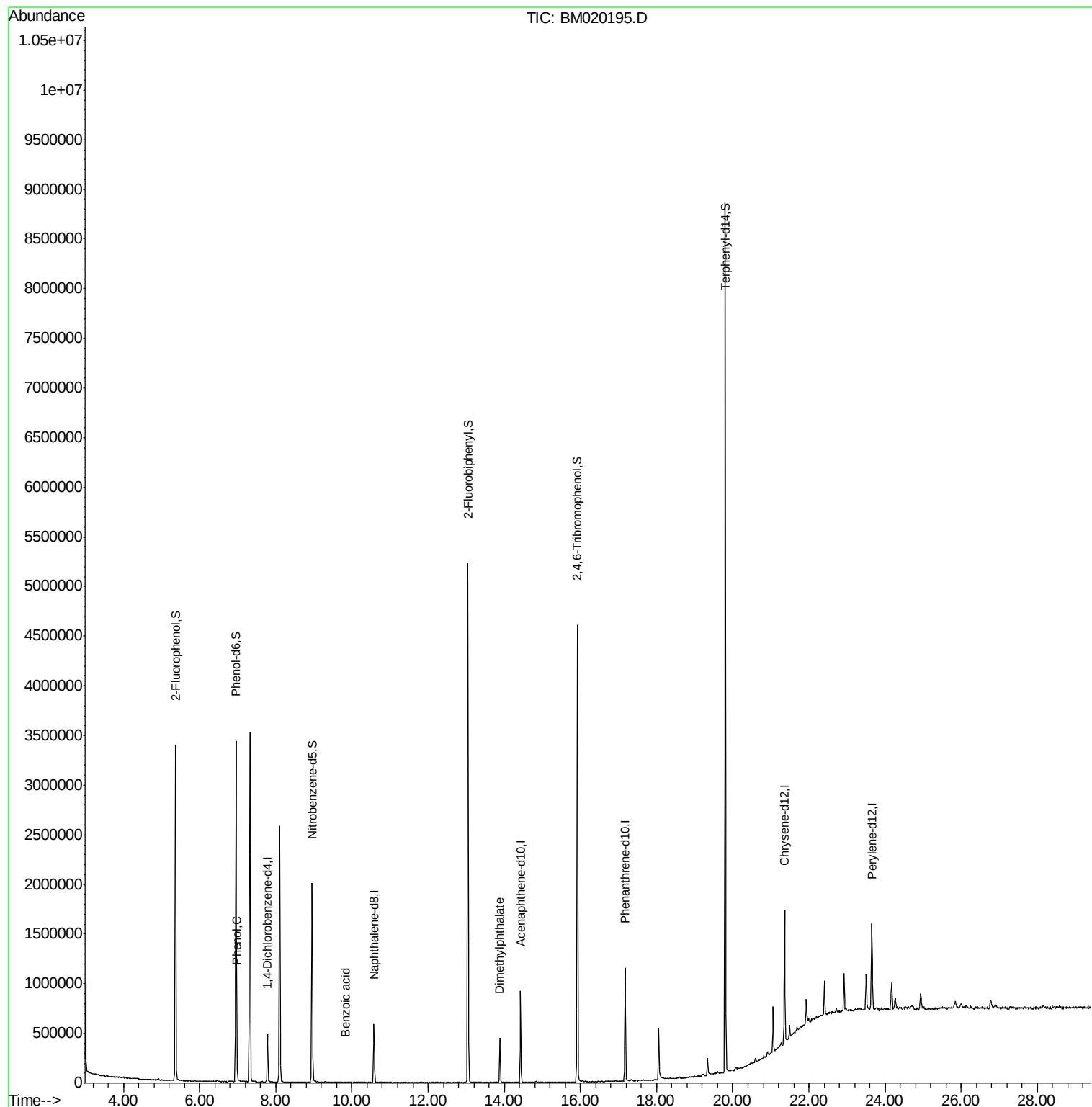
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	123312	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	462854	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	290706	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	671200	20.00	ng	0.00
76) Chrysene-d12	21.36	240	603524	20.00	ng	0.00
87) Perylene-d12	23.66	264	686341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1279152	169.56	ng	0.00
7) Phenol-d6	6.96	99	1867440	181.20	ng	0.00
23) Nitrobenzene-d5	8.95	82	1289091	109.96	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	850052	188.39	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2658474	112.52	ng	-0.01
79) Terphenyl-d14	19.80	244	3981882	115.08	ng	0.00
Target Compounds						
10) Phenol	6.98	94	89144	8.035	ng	95
32) Benzoic acid	9.84	122	3226	7.250	ng	# 72
50) Dimethylphthalate	13.89	163	266702	10.794	ng	99

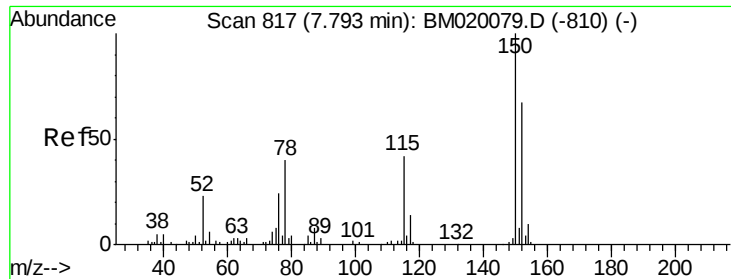
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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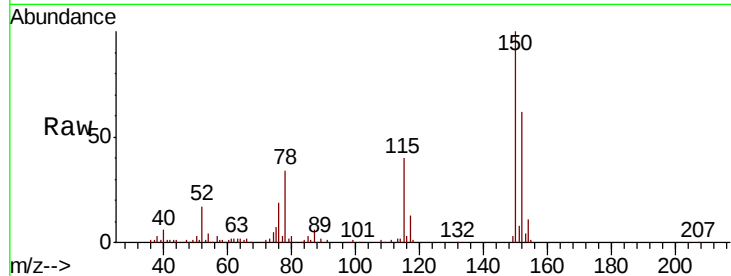


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020195.D
Acq: 08 May 2019 15:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	119.8	179.8
115	64.4	50.8	76.2

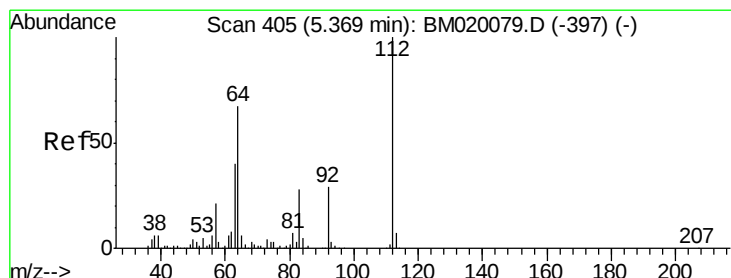
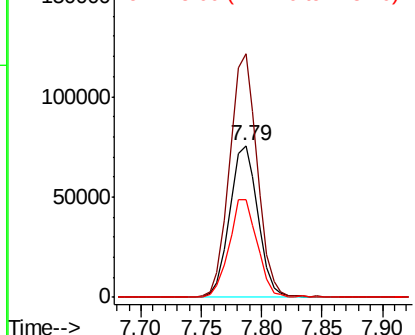
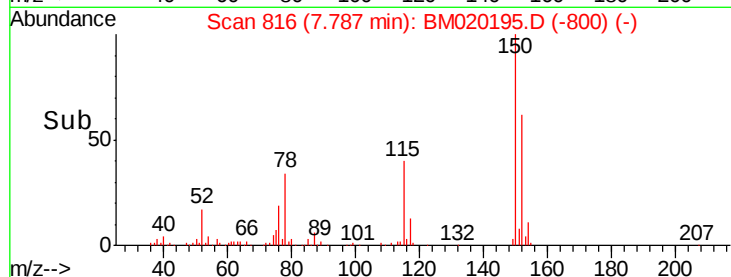


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

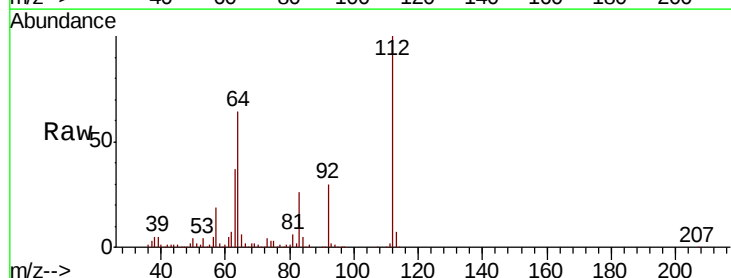
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 169.561 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM020195.D
Acq: 08 May 2019 15:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	53.8	80.6
63	36.8	32.3	48.5

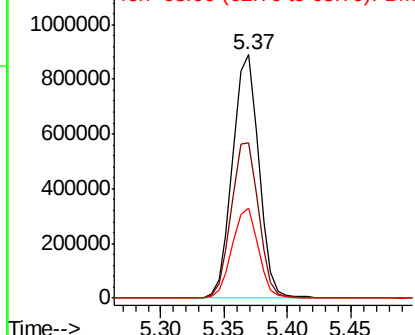
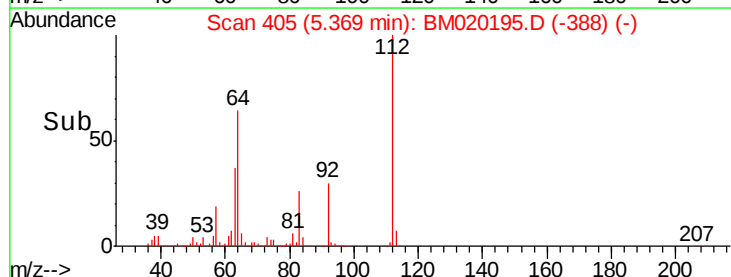


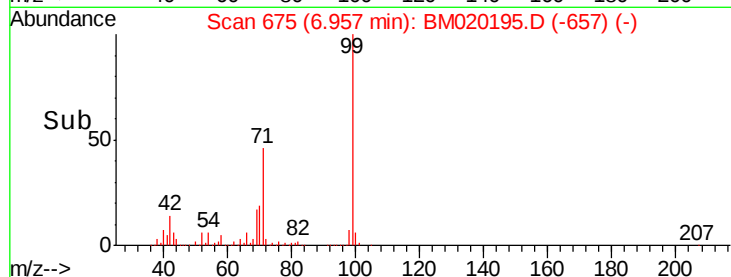
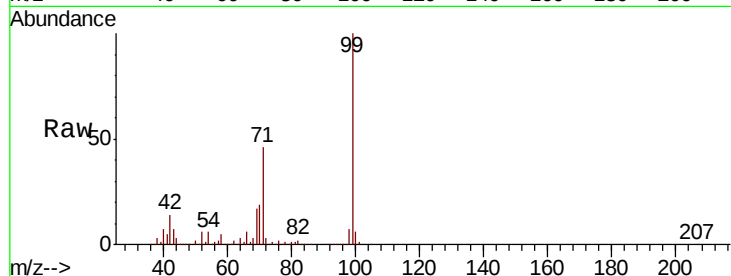
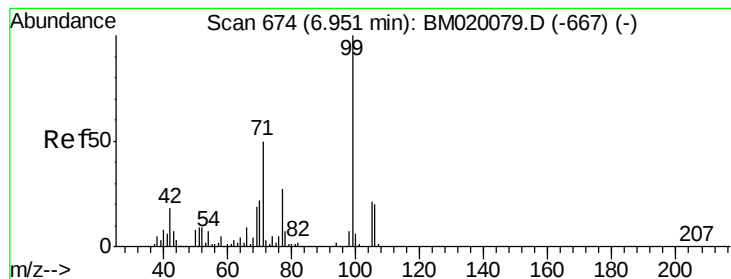
Abundance

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: 181.199 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020195.D

Acq: 08 May 2019 15:18

Instrument :

BNA_M

ClientSampleId :

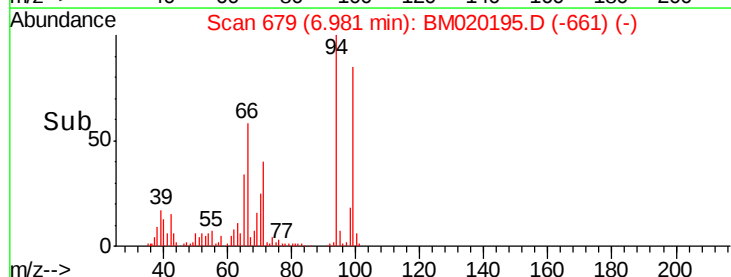
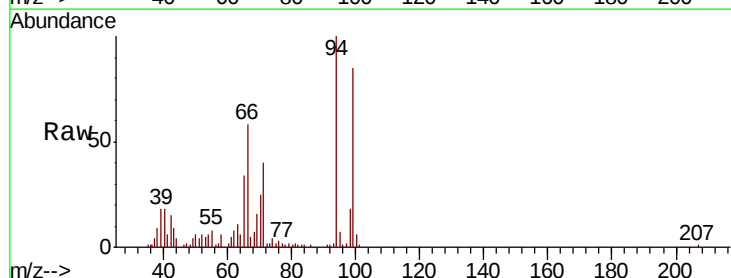
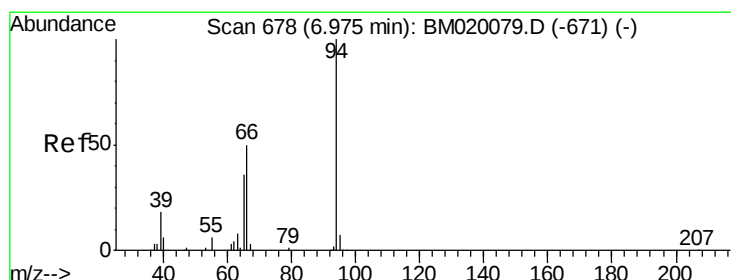
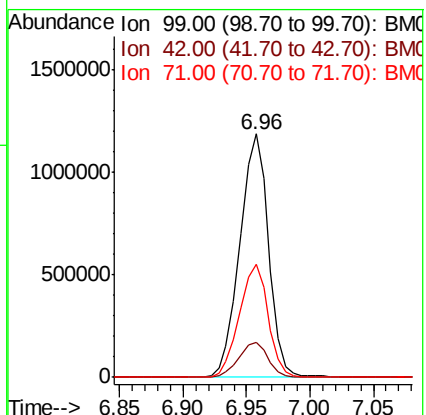
Tot Ion: 99 Resp: 1867440

Ion Ratio Lower Upper

99 100

42 14.4 14.2 21.2

71 46.2 40.3 60.5



#10

Phenol

Concen: 8.035 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM020195.D

Acq: 08 May 2019 15:18

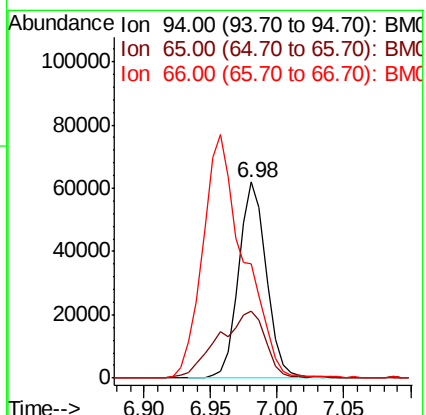
Tgt Ion: 94 Resp: 89144

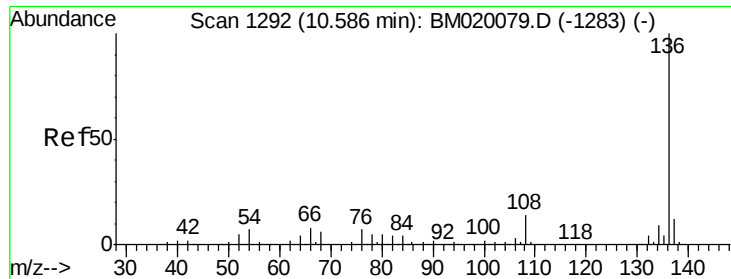
Ion Ratio Lower Upper

94 100

65 34.1 17.0 57.0

66 58.2 34.5 74.5

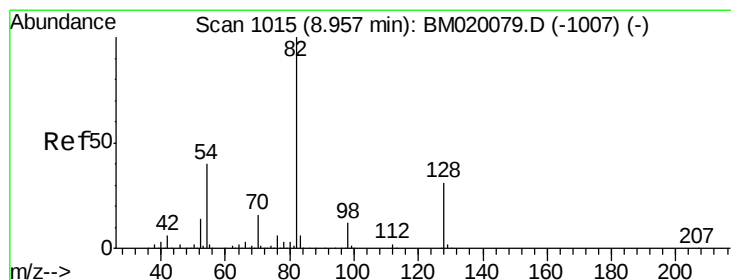
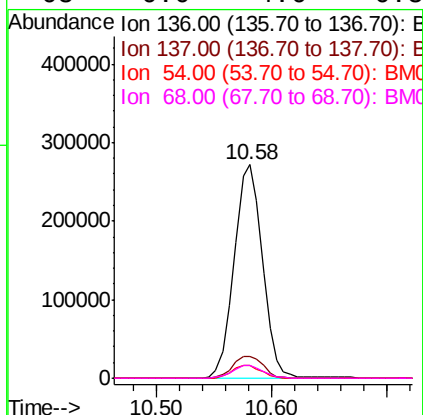
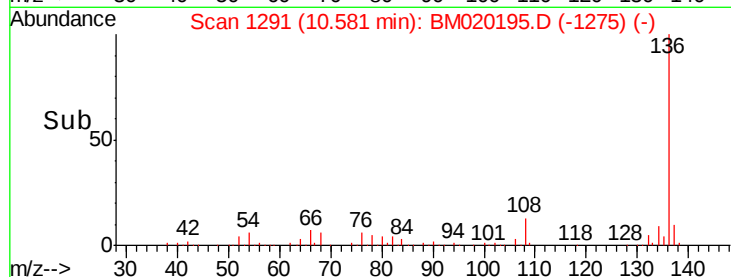
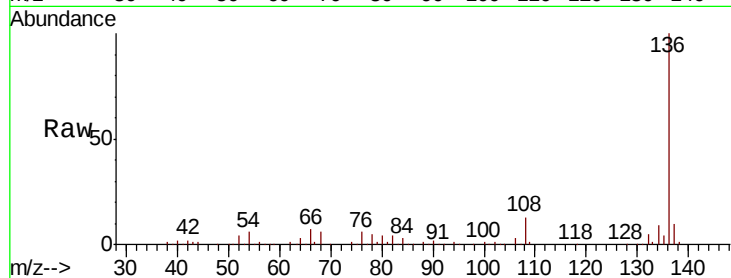




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020195.D
Acq: 08 May 2019 15:18

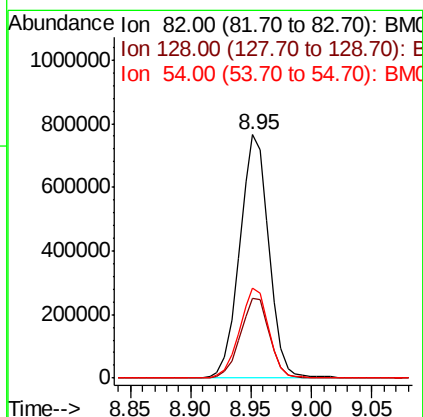
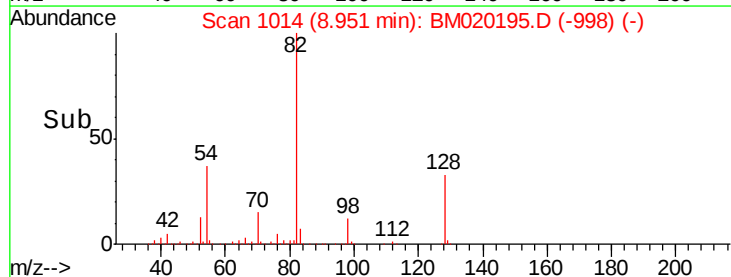
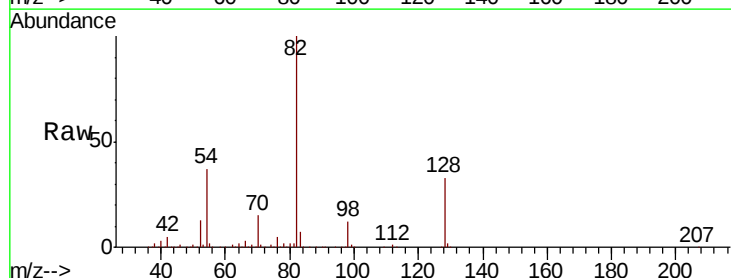
Instrument :
BNA_M
ClientSampleId :

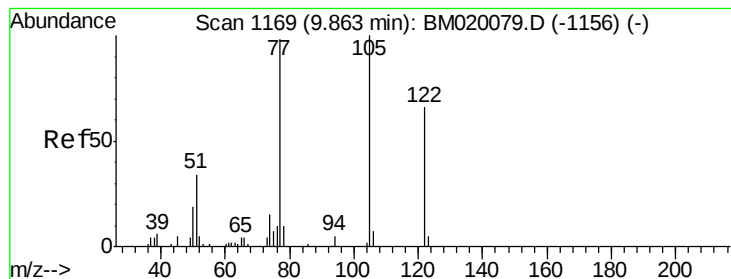
Tot Ion:136	Resp:	462854
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.6 14.4
54	6.2	5.5 8.3
68	6.0	4.6 6.8



#23
Nitrobenzene-d5
Concen: 109.956 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020195.D
Acq: 08 May 2019 15:18

Tgt Ion: 82	Resp:	1289091
Ion Ratio	Lower	Upper
82	100	
128	32.8	25.2 37.8
54	37.1	31.9 47.9





#32

Benzoic acid

Concen: 7.250 ng

RT: 9.84 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BM020195.D

Acq: 08 May 2019 15:18

Instrument :

BNA_M

ClientSampled :

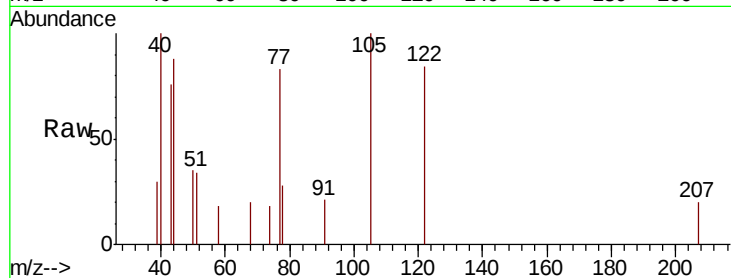
Tot Ion:122 Resp: 3226

Ion Ratio Lower Upper

122 100

105 118.0 122.5 162.5#

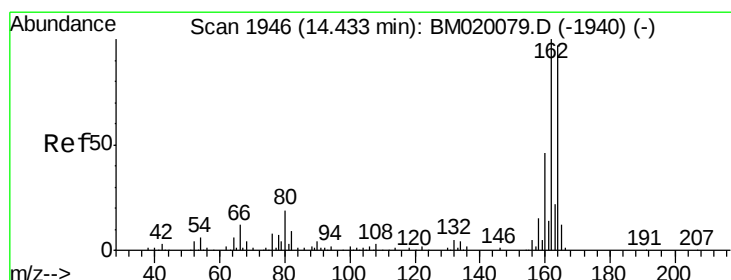
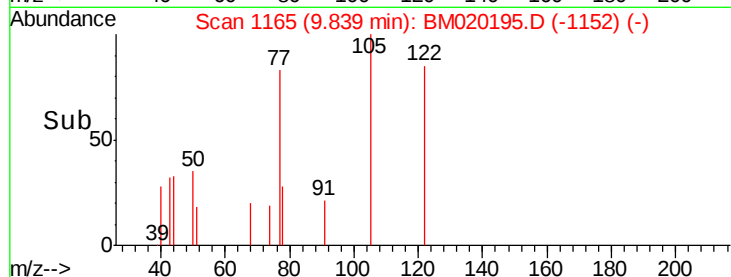
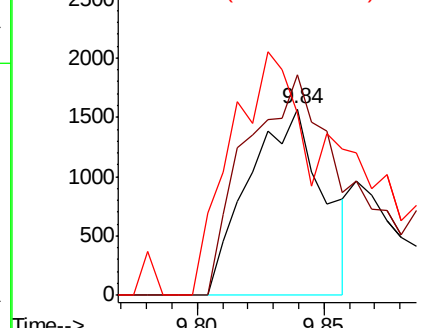
77 98.0 123.3 163.3#



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: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020195.D

Acq: 08 May 2019 15:18

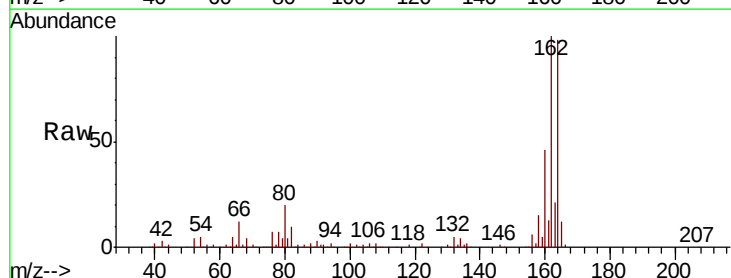
Tgt Ion:164 Resp: 290706

Ion Ratio Lower Upper

164 100

162 101.8 82.2 123.2

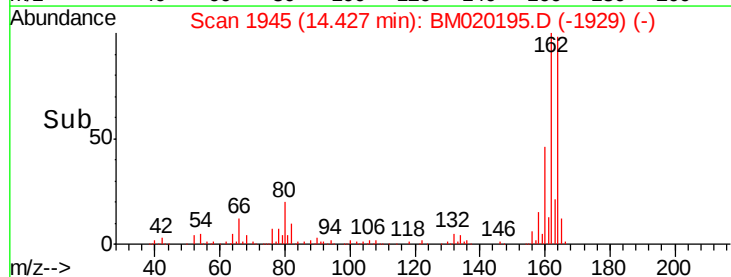
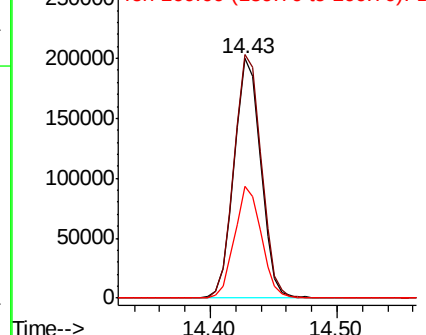
160 46.6 37.6 56.4

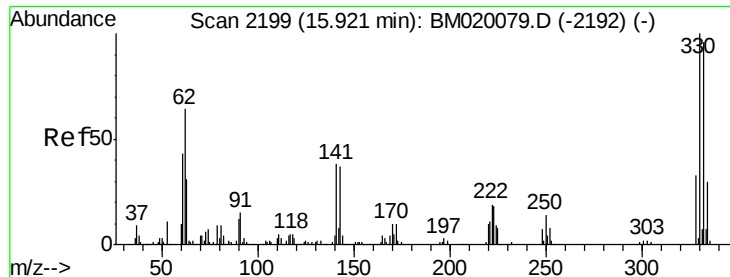


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

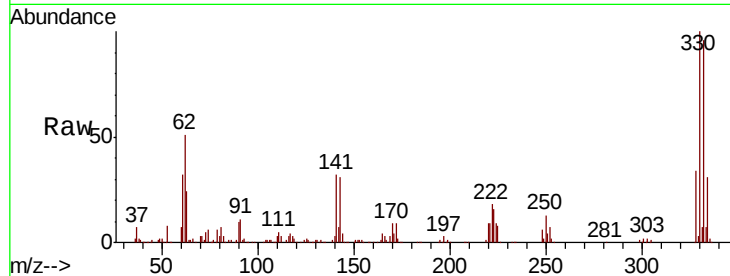




#42
 2,4,6-Tribromophenol
 Concen: 188.385 ng
 RT: 15.92 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: BM020195.D
 Acq: 08 May 2019 15:18

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	31.6	29.2	43.8

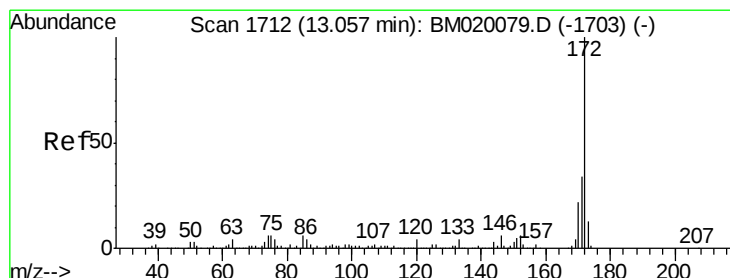
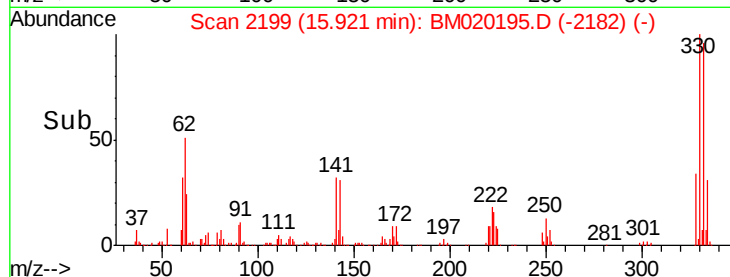
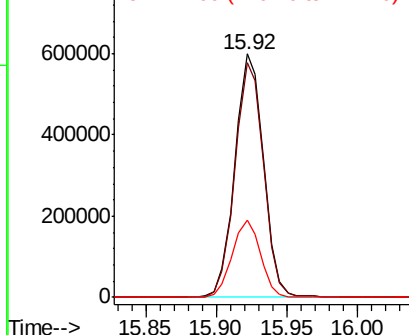


Abundance

Ion 329.80 (329.50 to 330.50): E

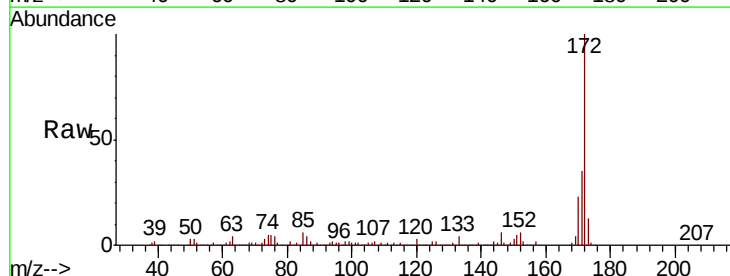
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 112.515 ng
 RT: 13.05 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM020195.D
 Acq: 08 May 2019 15:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	22.9	17.9	26.9

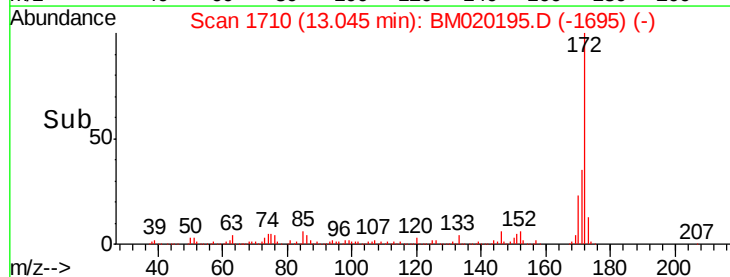
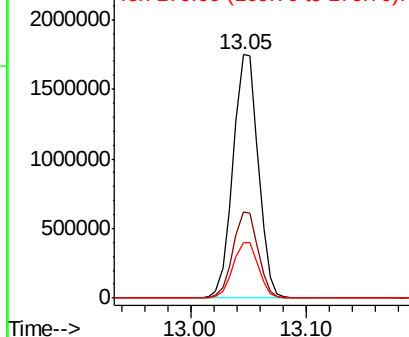


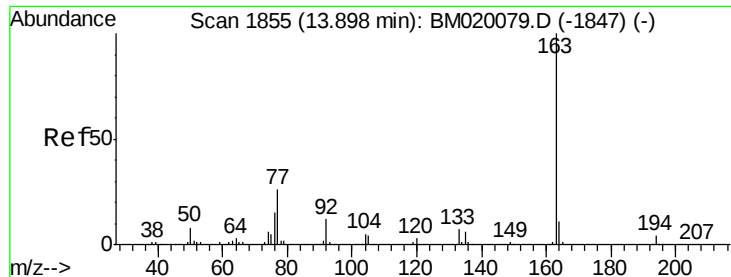
Abundance

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: 10.794 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020195.D

Acq: 08 May 2019 15:18

Instrument :

BNA_M

ClientSampled :

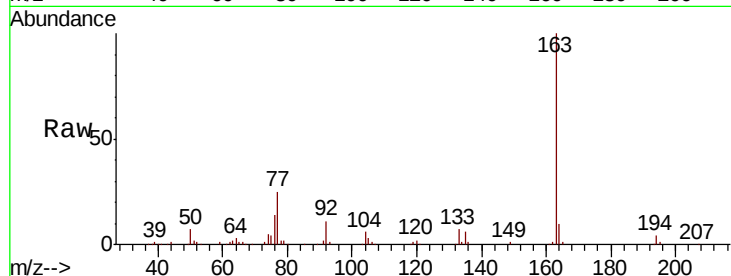
Tot Ion:163 Resp: 266702

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

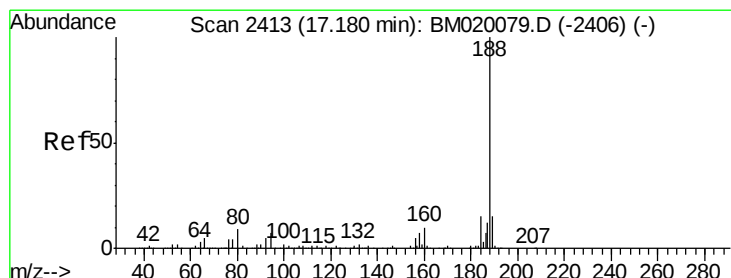
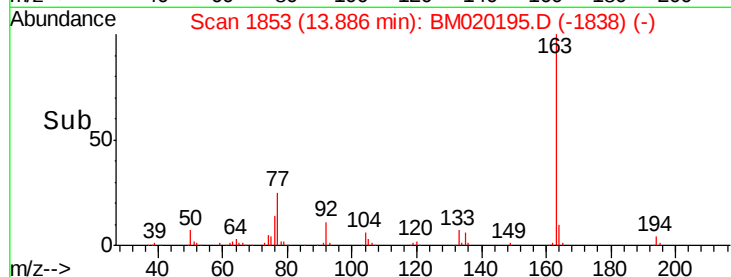
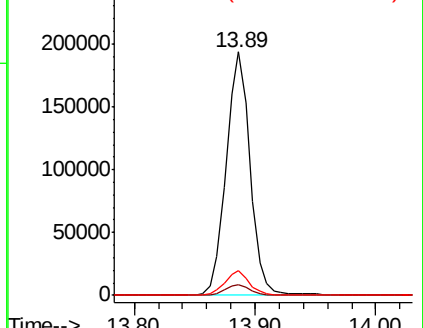
164 10.1 8.4 12.6



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: 17.18 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM020195.D

Acq: 08 May 2019 15:18

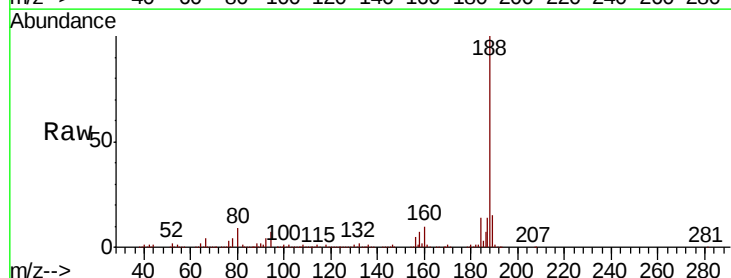
Tgt Ion:188 Resp: 671200

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

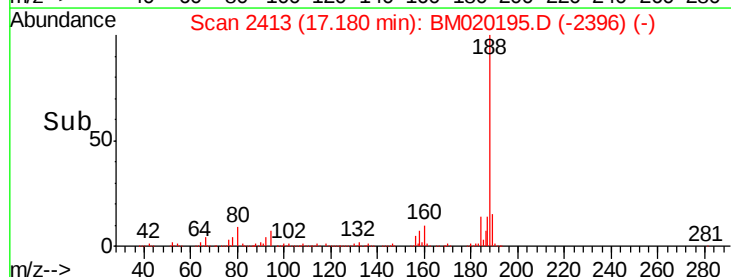
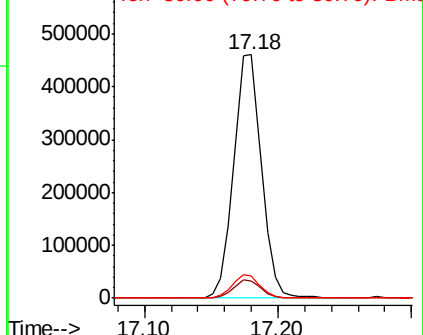
80 9.1 7.4 11.2

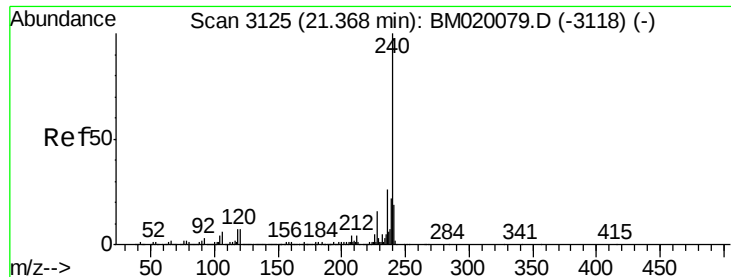


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020195.D

Acq: 08 May 2019 15:18

Instrument :

BNA_M

ClientSampleId :

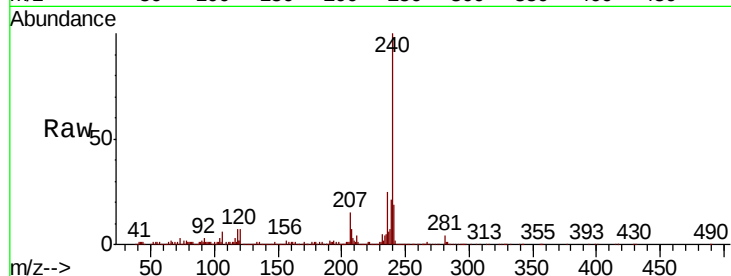
Tot Ion:240 Resp: 603524

Ion Ratio Lower Upper

240 100

120 6.7 5.6 8.4

236 25.2 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

600000

500000

400000

300000

200000

100000

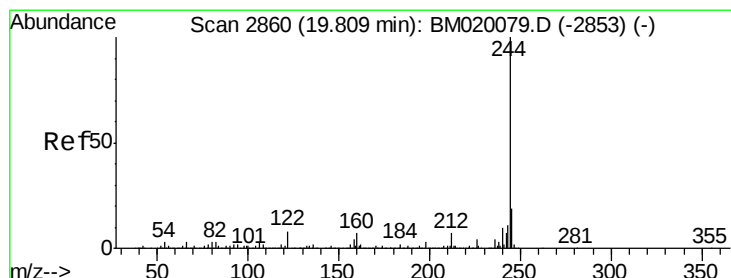
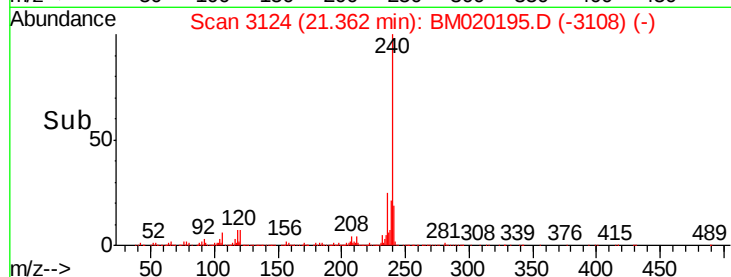
0

21.36

21.30

21.40

Time-->



#79

Terphenyl-d14

Concen: 115.079 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020195.D

Acq: 08 May 2019 15:18

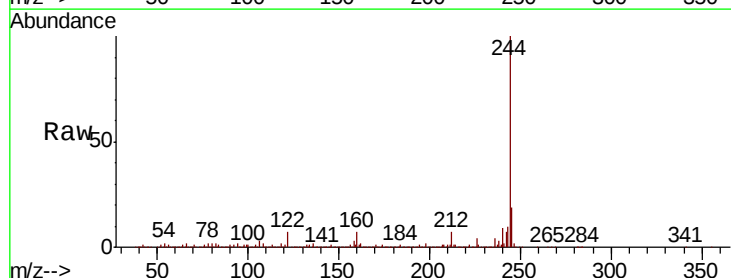
Tgt Ion:244 Resp: 3981882

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 7.5 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

4000000

3000000

2000000

1000000

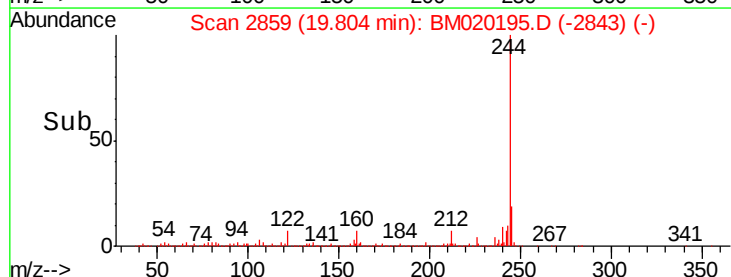
0

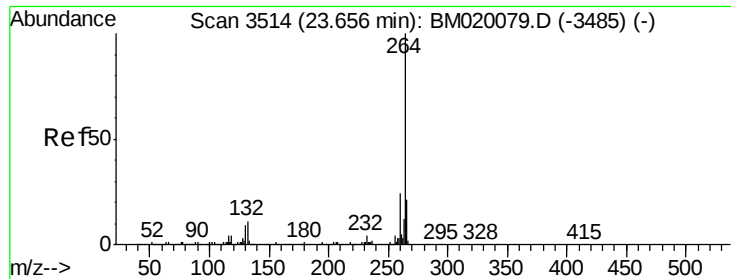
19.80

19.70

19.90

Time-->

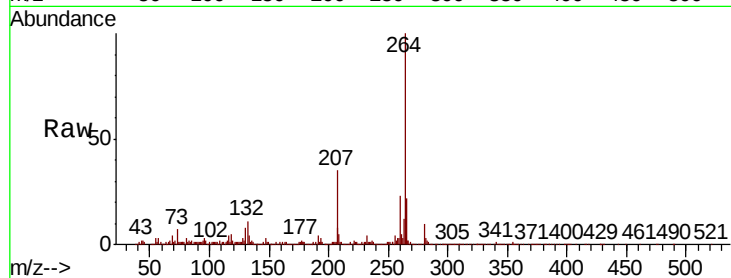




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.66 min Scan# 3514
 Delta R.T. 0.00 min
 Lab File: BM020195.D
 Acq: 08 May 2019 15:18

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.4	16.9	25.3



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

