

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062219\
 Data File : BM021095.D
 Acq On : 22 Jun 2019 11:22
 Operator : HP/JU
 Sample : K3309-01DL 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW009-190610DL

Quant Time: Jun 24 05:42:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

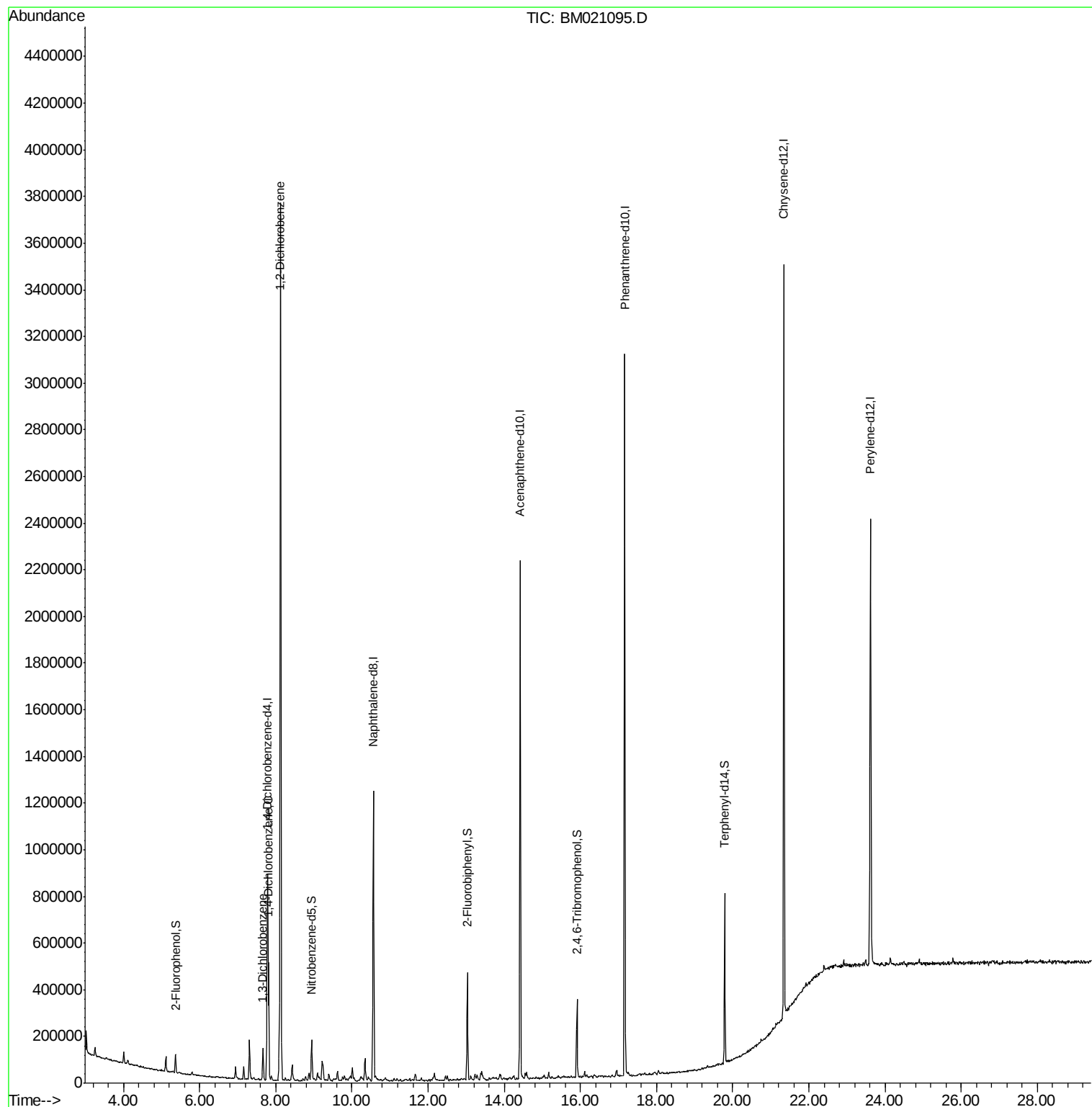
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	240247	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	1045104	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	719034	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1746703	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1460418	20.00	ng	0.00
87) Perylene-d12	23.62	264	1411858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	33840	2.55	ng	0.00
7) Phenol-d6	6.95	99	30208	1.56	ng	0.00
23) Nitrobenzene-d5	8.94	82	76273	3.80	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	70106	5.20	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	243424	4.16	ng	0.00
79) Terphenyl-d14	19.79	244	343408	4.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.92	77	1309	Below Cal		Qvalue # 1
12) 1,3-Dichlorobenzene	7.66	146	54237	2.742	ng	97
13) 1,4-Dichlorobenzene	7.81	146	206219	10.253	ng	99
14) 1,2-Dichlorobenzene	8.13	146	1627017	82.542	ng	99

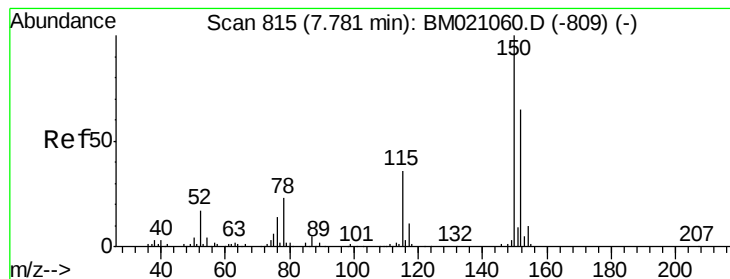
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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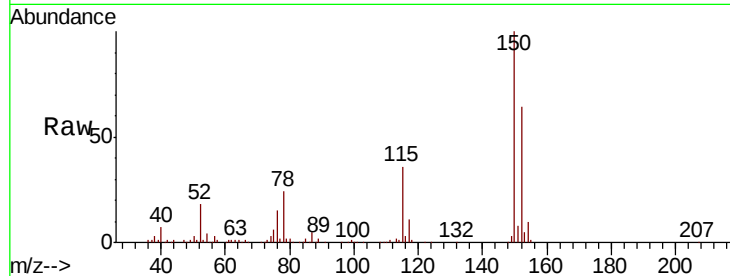


#1

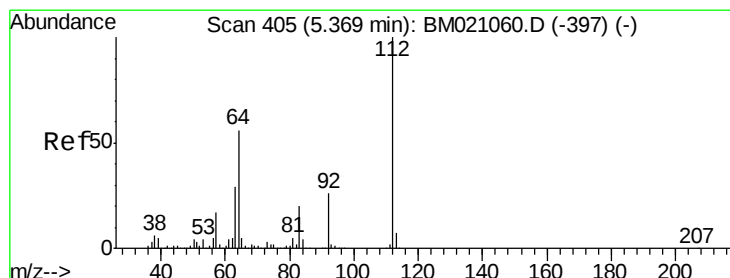
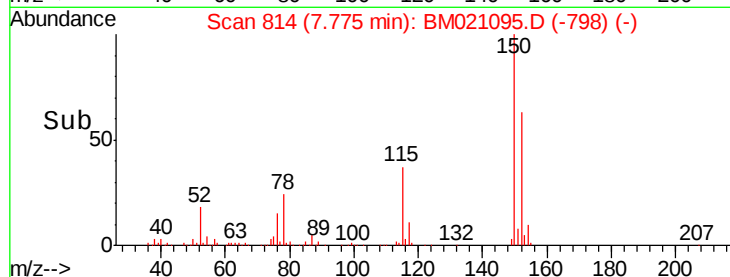
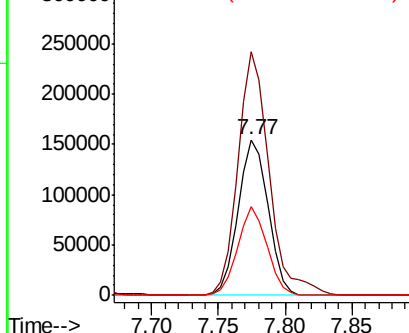
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021095.D
Acq: 22 Jun 2019 11:22

Instrument :
BNA_M
ClientSampleId :
SS043MW009-190610DL

Tgt Ion:152 Resp: 240247
Ion Ratio Lower Upper
152 100
150 156.6 123.1 184.7
115 57.1 44.2 66.4



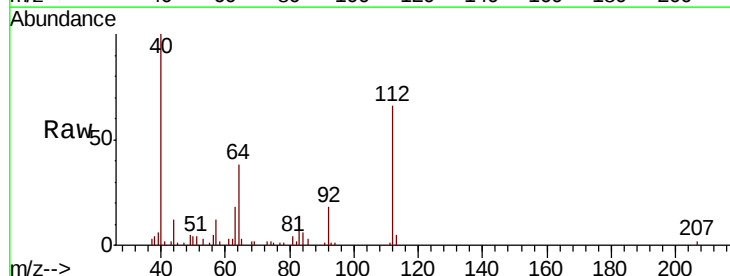
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



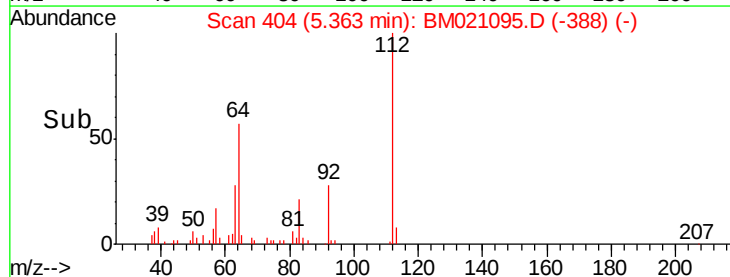
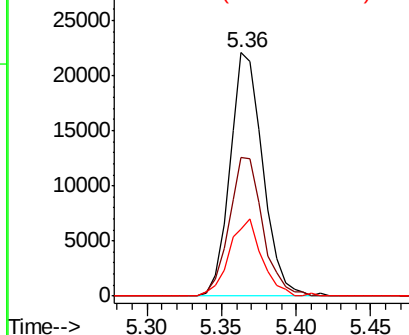
#5

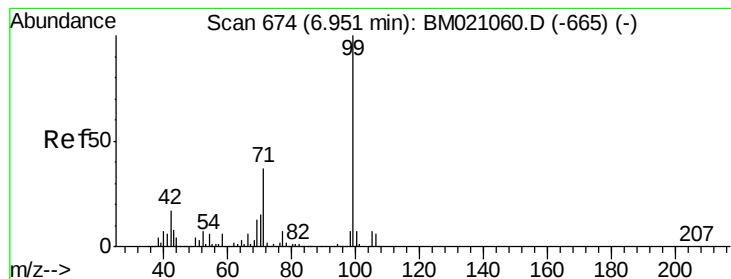
2-Fluorophenol
Concen: 2.551 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM021095.D
Acq: 22 Jun 2019 11:22

Tgt Ion:112 Resp: 33840
Ion Ratio Lower Upper
112 100
64 57.2 45.2 67.8
63 27.7 23.5 35.3



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: 1.563 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021095.D

Acq: 22 Jun 2019 11:22

Instrument :

BNA_M

ClientSampleId :

SS043MW009-190610DL

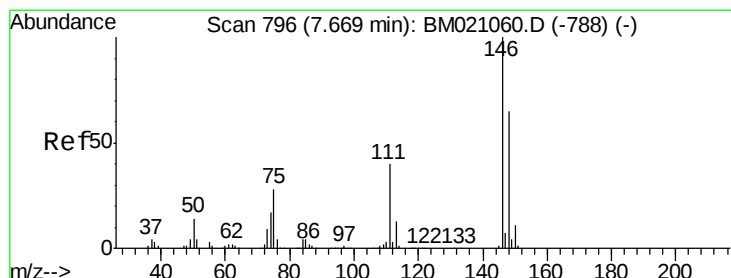
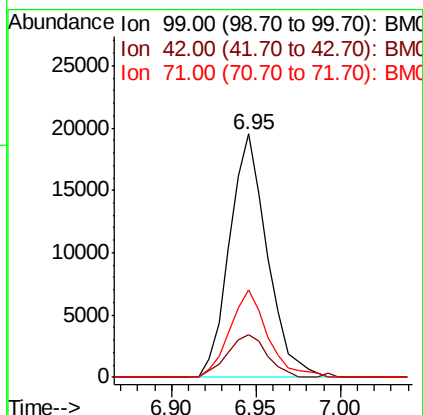
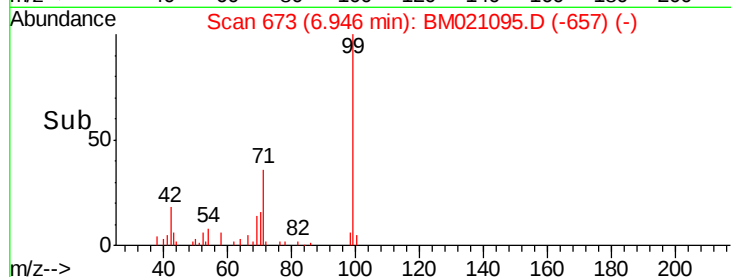
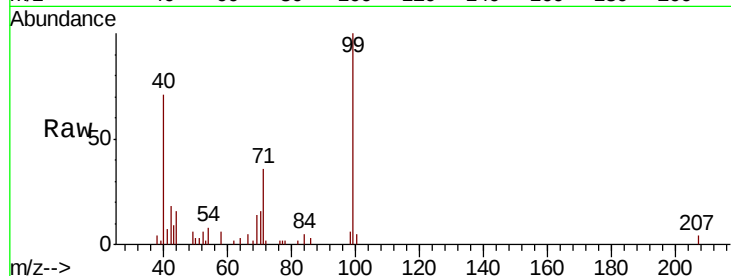
Tgt Ion: 99 Resp: 30208

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 36.1 29.3 43.9



#12

1,3-Dichlorobenzene

Concen: 2.742 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.01 min

Lab File: BM021095.D

Acq: 22 Jun 2019 11:22

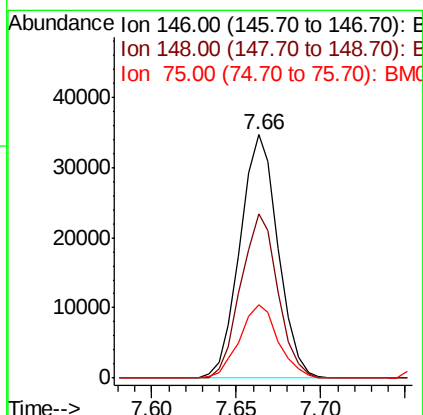
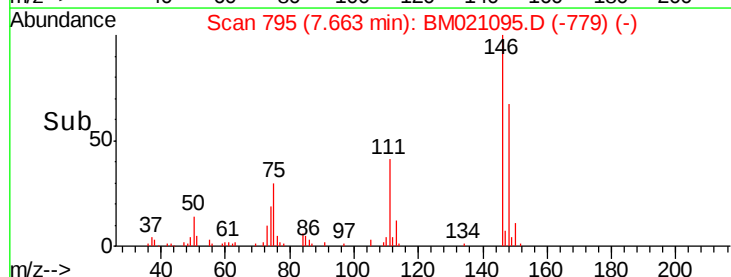
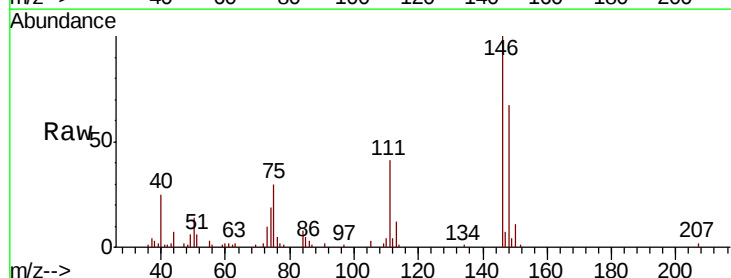
Tgt Ion: 146 Resp: 54237

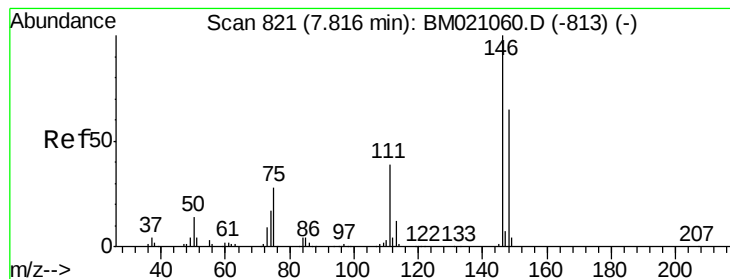
Ion Ratio Lower Upper

146 100

148 67.4 52.2 78.2

75 30.4 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 10.253 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM021095.D

Acq: 22 Jun 2019 11:22

Instrument :

BNA_M

ClientSampleId :

SS043MW009-190610DL

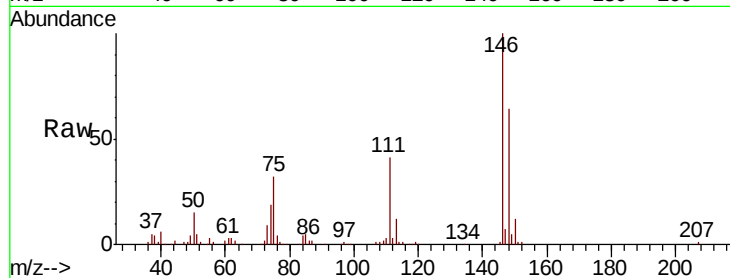
Tgt Ion:146 Resp: 206219

Ion Ratio Lower Upper

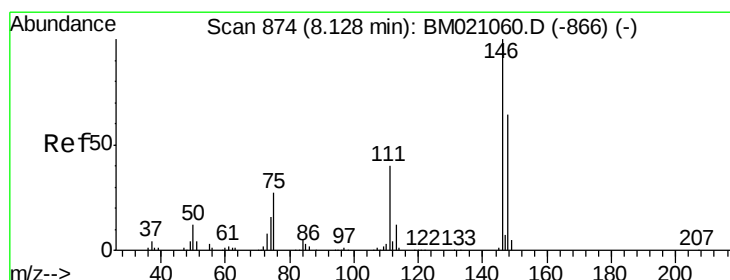
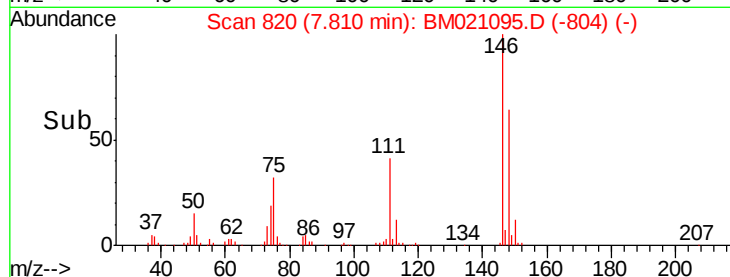
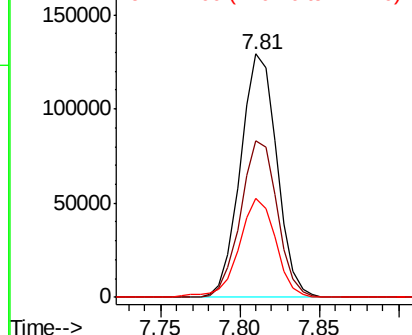
146 100

148 64.5 51.9 77.9

111 40.7 31.4 47.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 82.542 ng

RT: 8.13 min Scan# 874

Delta R.T. -0.00 min

Lab File: BM021095.D

Acq: 22 Jun 2019 11:22

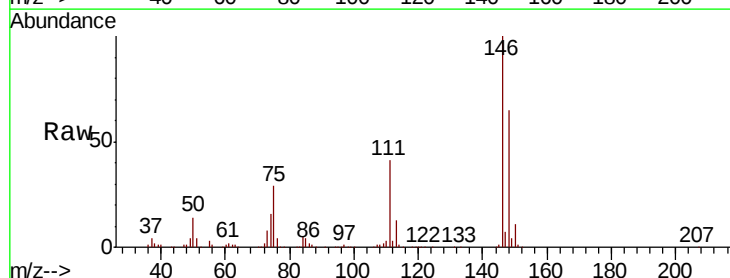
Tgt Ion:146 Resp: 1627017

Ion Ratio Lower Upper

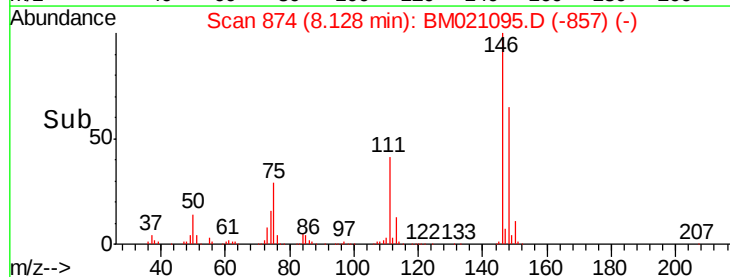
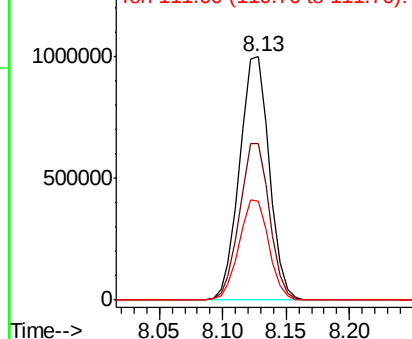
146 100

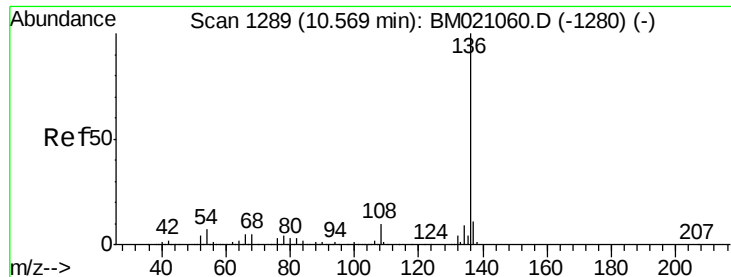
148 64.5 51.2 76.8

111 40.7 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

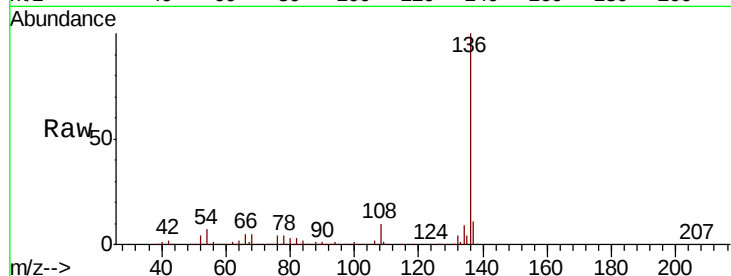




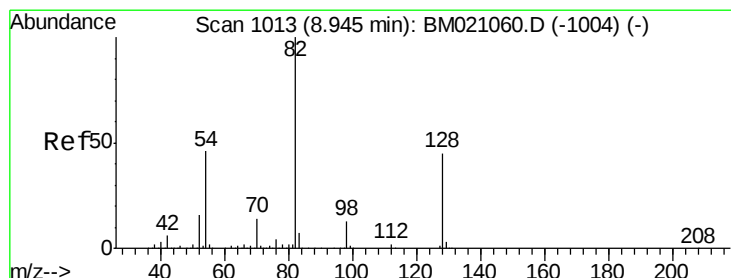
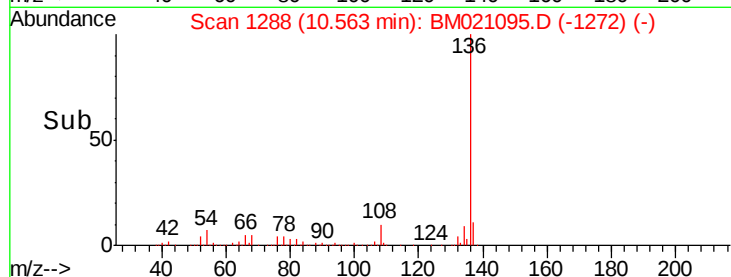
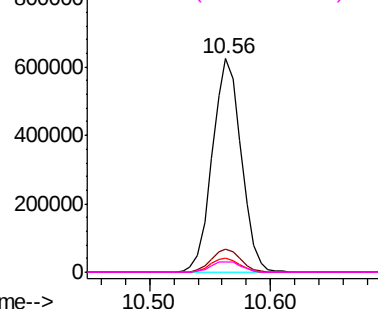
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM021095.D
Acq: 22 Jun 2019 11:22

Instrument :
BNA_M
ClientSampleId :
SS043MW009-190610DL

Tgt Ion:136 Resp: 1045104
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.8 5.3 7.9
68 5.0 4.4 6.6

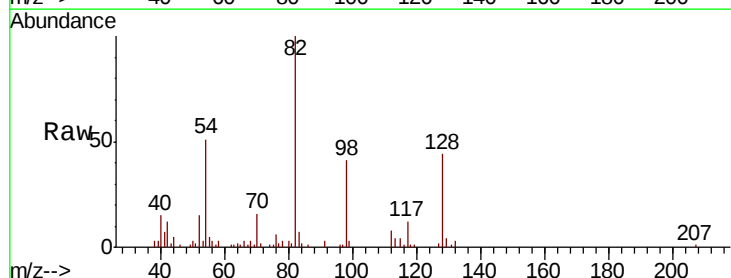


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

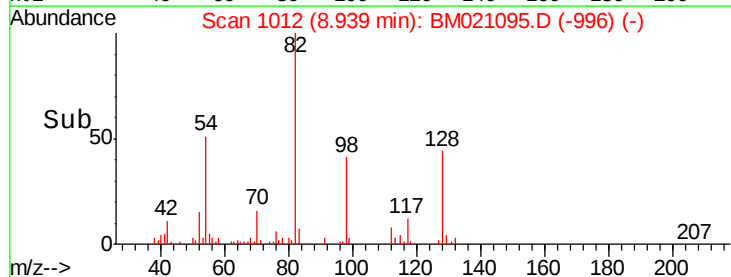
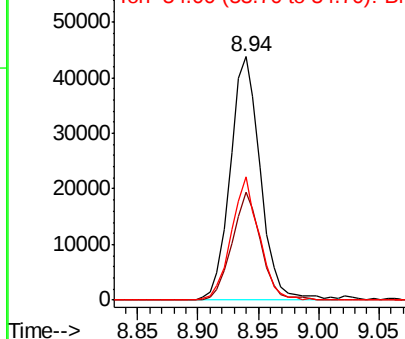


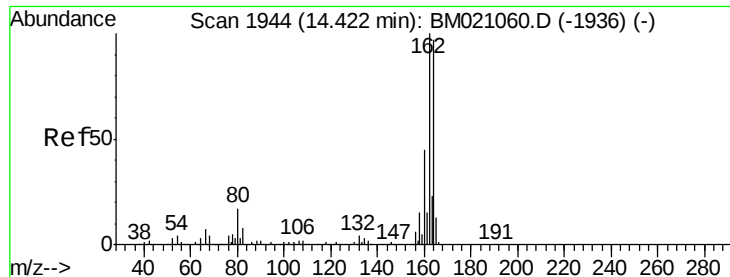
#23
Nitrobenzene-d5
Concen: 3.804 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021095.D
Acq: 22 Jun 2019 11:22

Tgt Ion: 82 Resp: 76273
Ion Ratio Lower Upper
82 100
128 44.4 35.9 53.9
54 50.9 36.6 55.0



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BM021095.D

Acq: 22 Jun 2019 11:22

Instrument :

BNA_M

ClientSampleId :

SS043MW009-190610DL

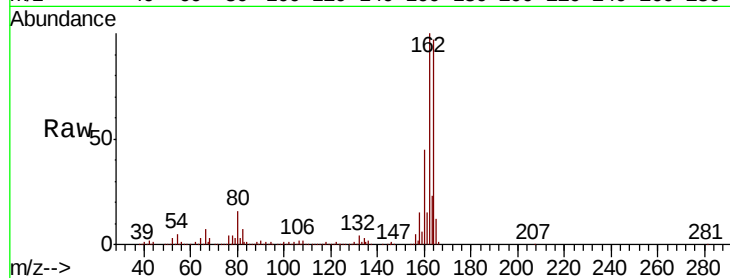
Tgt Ion:164 Resp: 719034

Ion Ratio Lower Upper

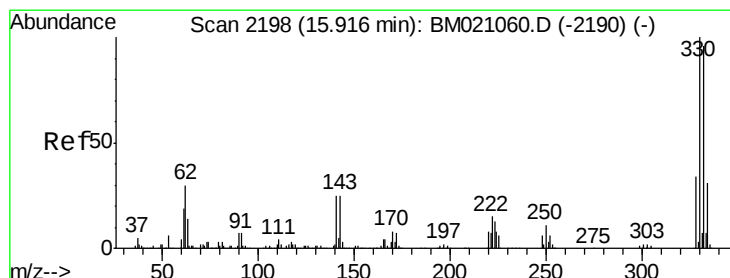
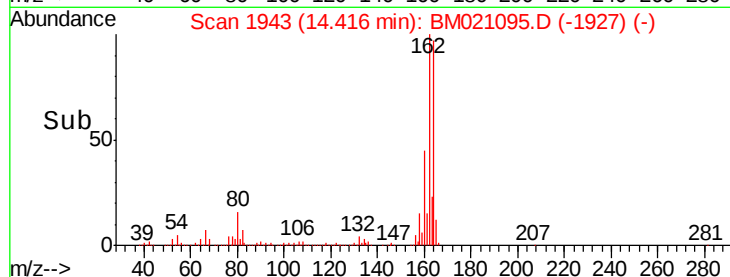
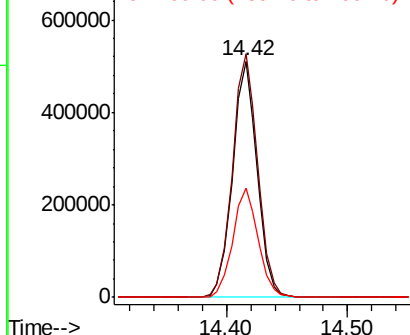
164 100

162 103.2 82.1 123.1

160 46.2 37.1 55.7



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: 5.196 ng

RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BM021095.D

Acq: 22 Jun 2019 11:22

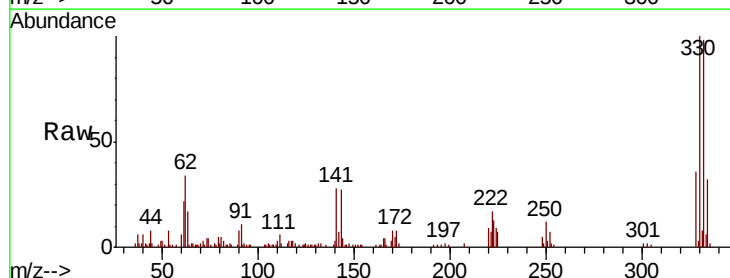
Tgt Ion:330 Resp: 70106

Ion Ratio Lower Upper

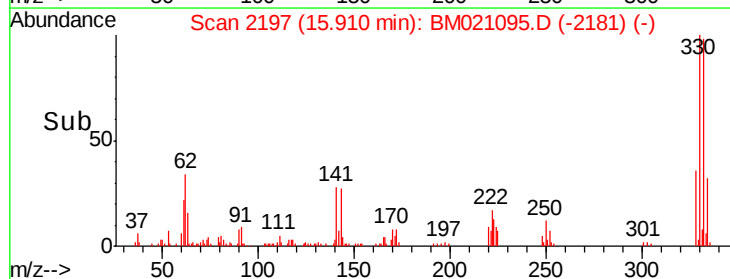
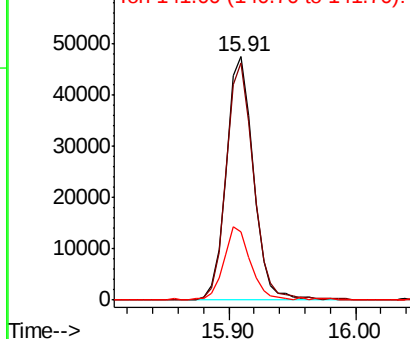
330 100

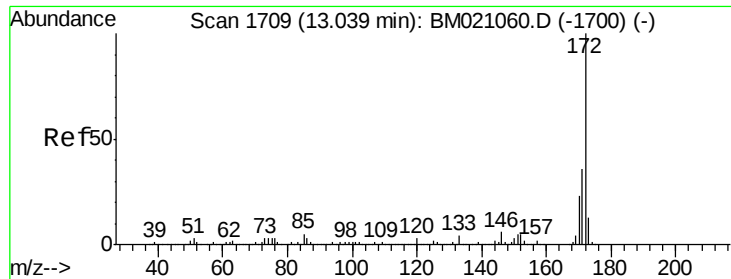
332 97.6 77.1 115.7

141 29.7 21.8 32.8



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

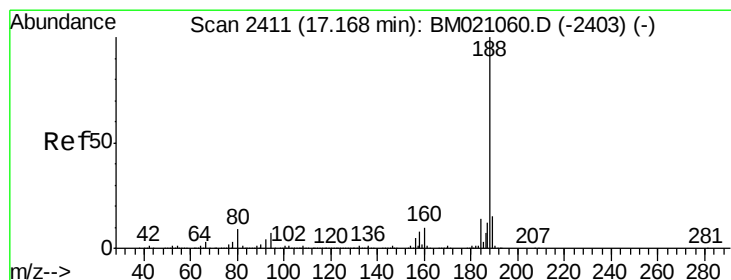
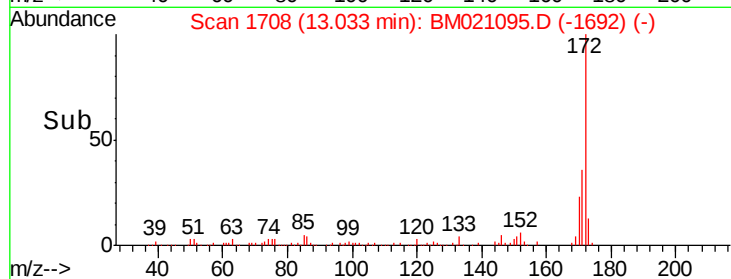
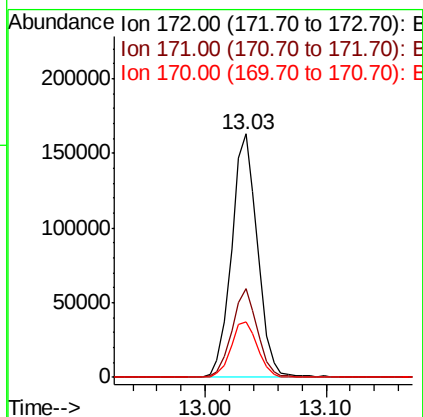
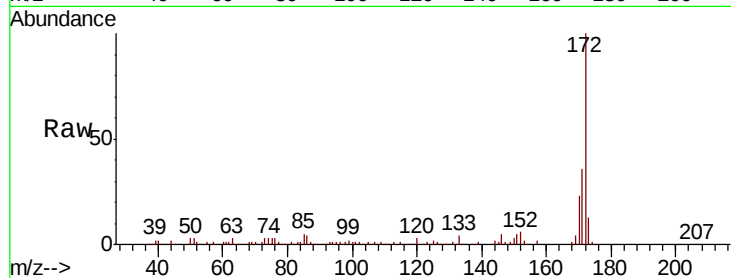




#45
 2-Fluorobiphenyl
 Concen: 4.161 ng
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BM021095.D
 Acq: 22 Jun 2019 11:22

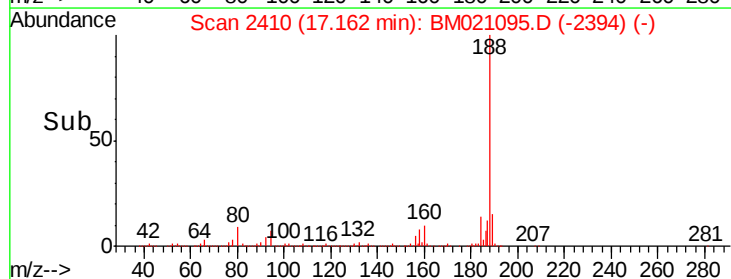
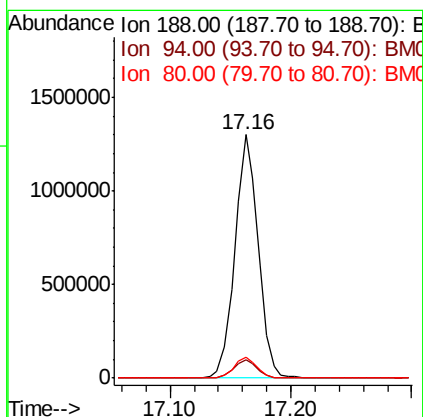
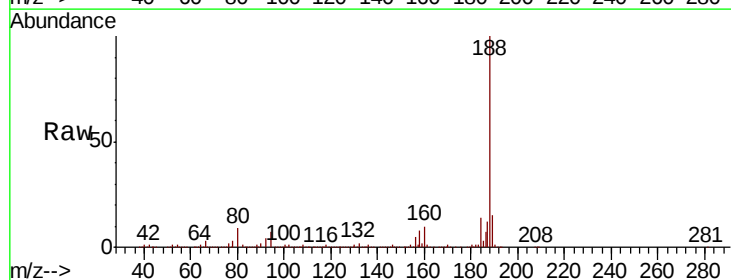
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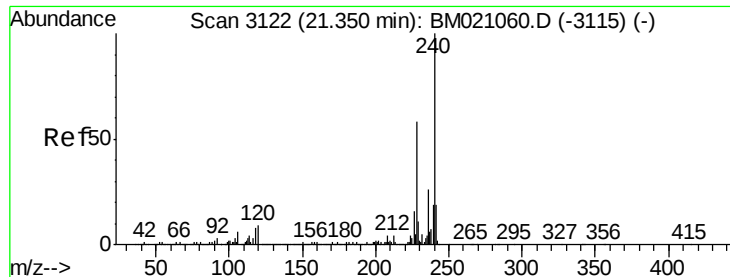
Tgt Ion:172 Resp: 243424
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 22.6 18.7 28.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.16 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BM021095.D
 Acq: 22 Jun 2019 11:22

Tgt Ion:188 Resp: 1746703
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.8 8.8
 80 8.5 6.9 10.3

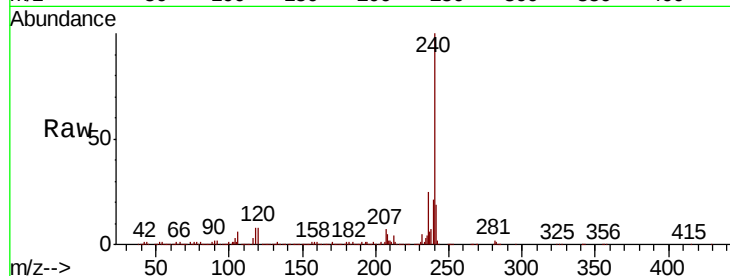




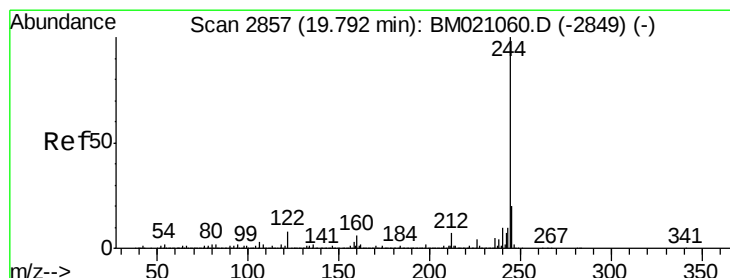
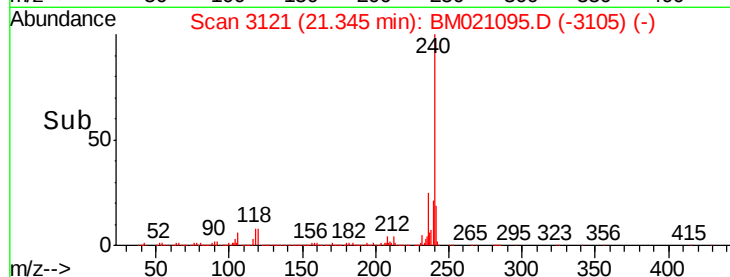
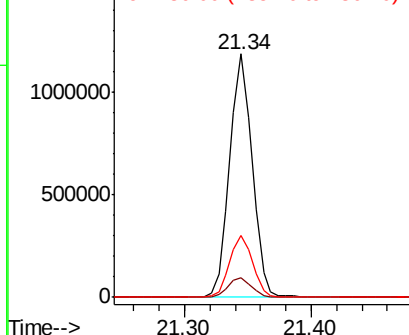
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM021095.D
Acq: 22 Jun 2019 11:22

Instrument :
BNA_M
ClientSampleId :
SS043MW009-190610DL

Tgt Ion:240 Resp: 1460418
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.5 20.4 30.6

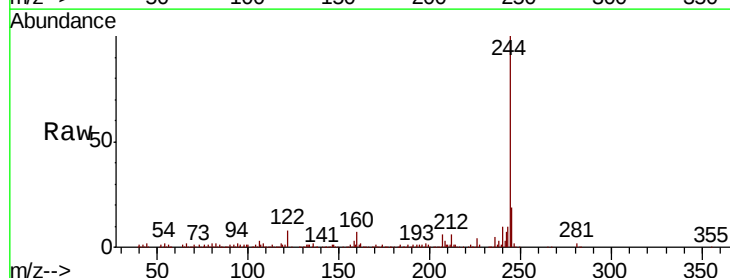


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

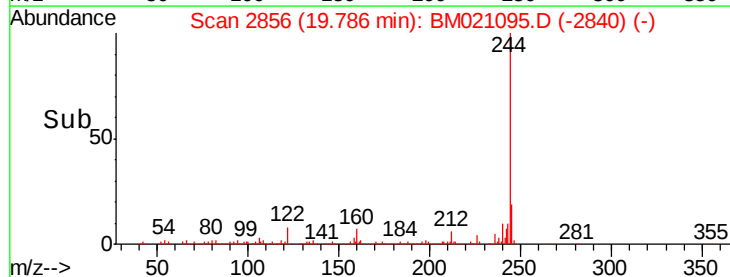
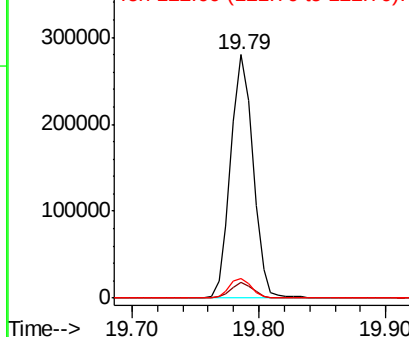


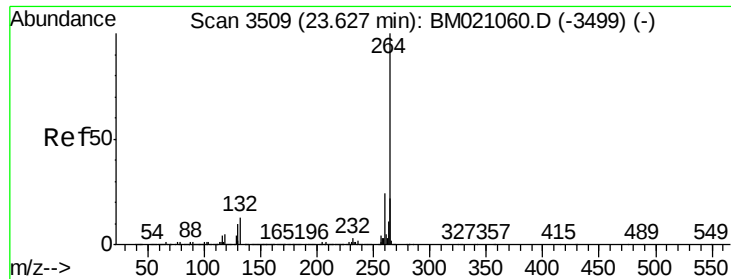
#79
Terphenyl-d14
Concen: 4.392 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BM021095.D
Acq: 22 Jun 2019 11:22

Tgt Ion:244 Resp: 343408
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 8.1 6.6 9.8



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BM021095.D
Acq: 22 Jun 2019 11:22

Instrument :
BNA_M
ClientSampleId :
SS043MW009-190610DL

Tgt Ion: 264 Resp: 1411858

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.7	17.7	26.5

