

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
 Data File : BM021084.D
 Acq On : 21 Jun 2019 15:34
 Operator : HP/JU
 Sample : K3309-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW001-190610

Quant Time: Jun 22 00:13:18 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

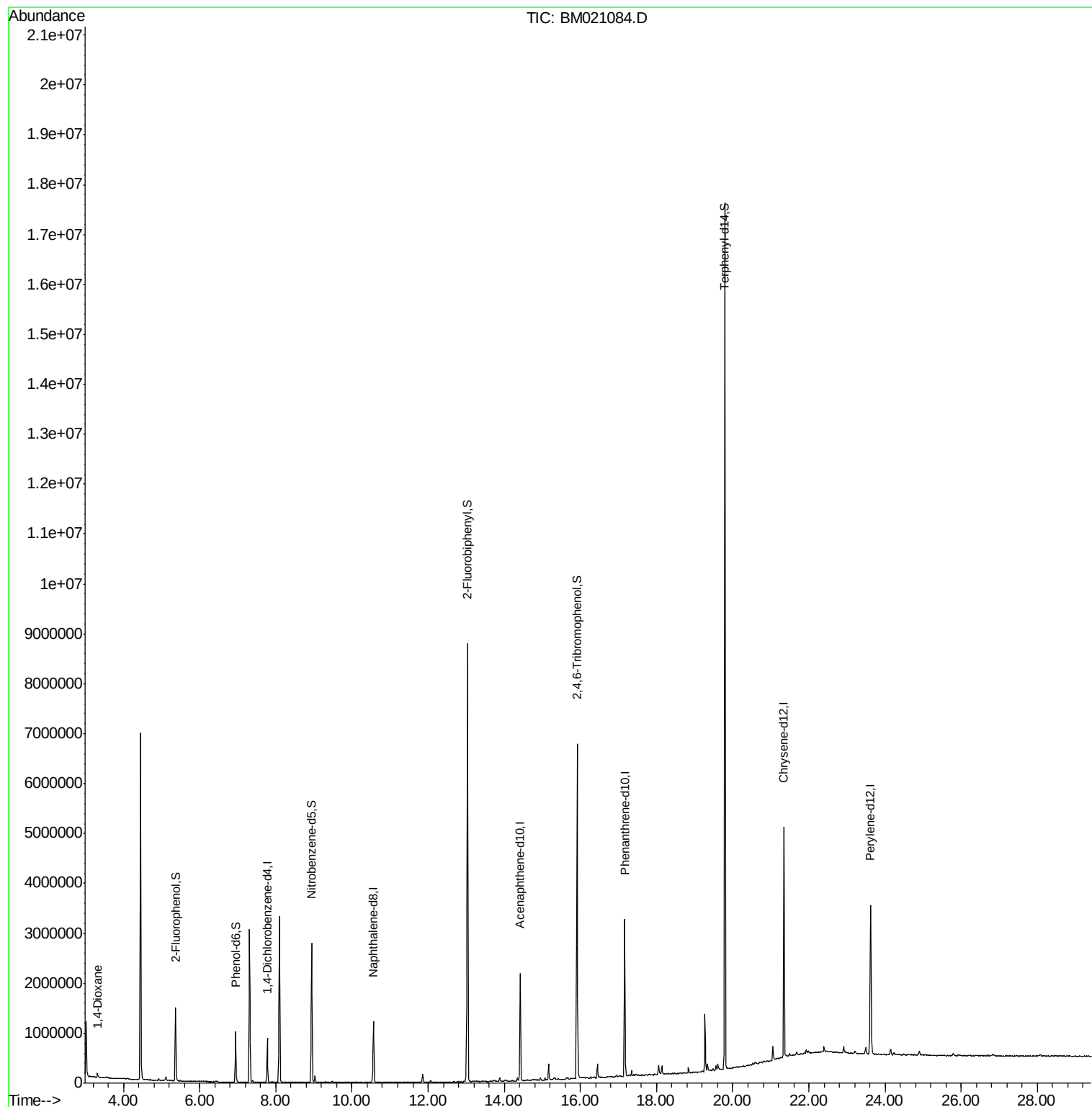
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	248766	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1058229	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	730598	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1897460	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2092808	20.00	ng	0.00
87) Perylene-d12	23.63	264	2261163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	617203	44.93	ng	0.00
7) Phenol-d6	6.95	99	555519	27.77	ng	0.00
23) Nitrobenzene-d5	8.94	82	1629042	80.23	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	1430540	104.35	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	4764987	80.16	ng	0.00
79) Terphenyl-d14	19.79	244	8051620	71.86	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.32	88	46929	9.067	ng	Qvalue 96

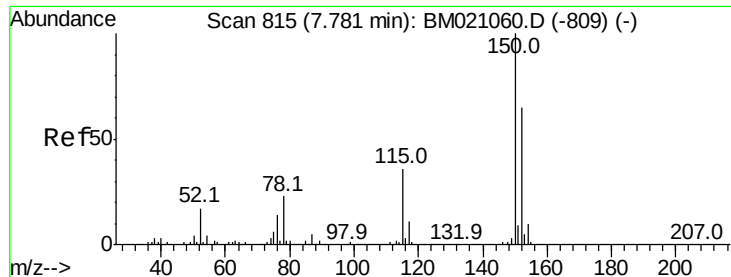
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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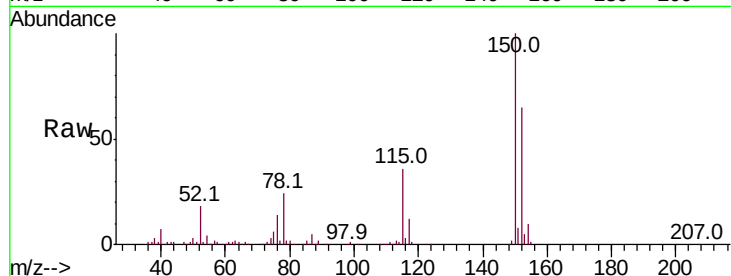


#1

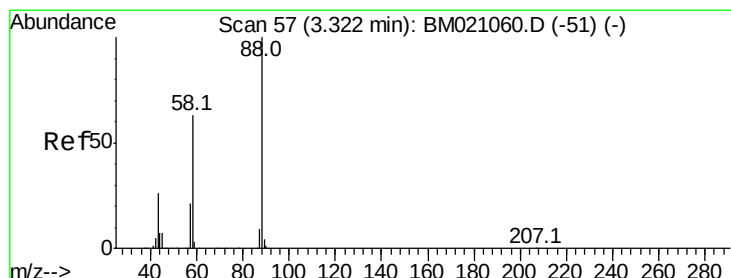
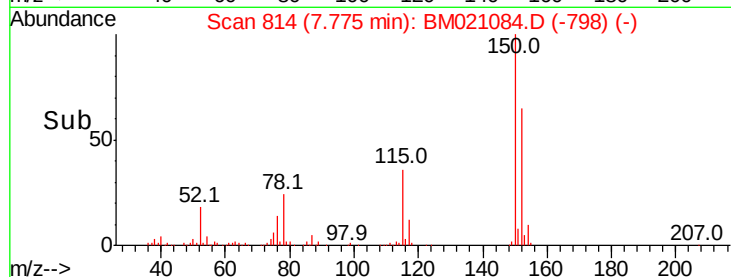
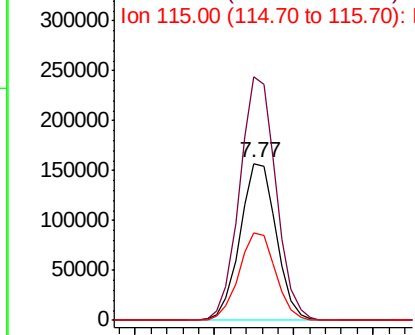
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021084.D
Acq: 21 Jun 2019 15:34

Instrument :
BNA_M
ClientSampleId :
LF017MW001-190610

Tot Ion:152 Resp: 248766
Ion Ratio Lower Upper
152 100
150 154.9 123.1 184.7
115 55.9 44.2 66.4



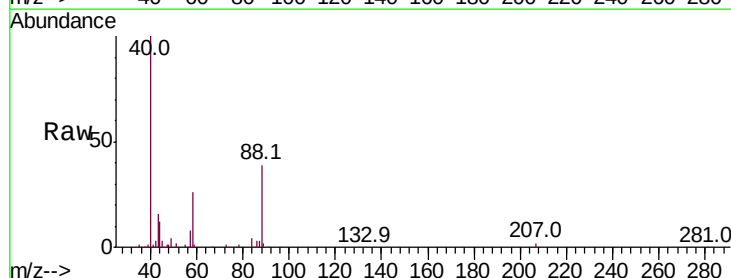
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



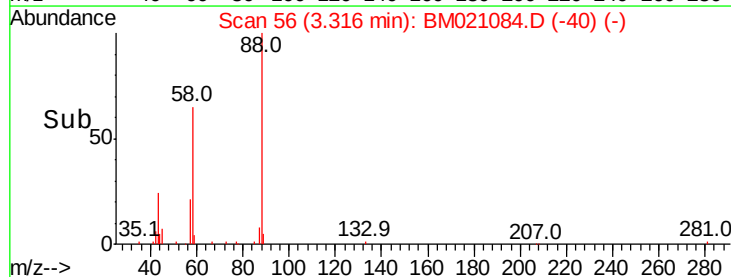
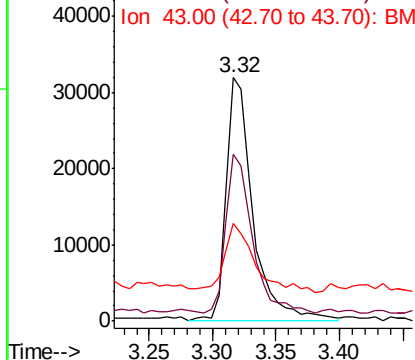
#2

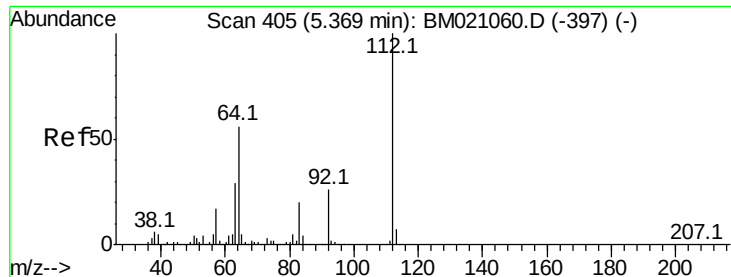
1,4-Dioxane
Concen: 9.067 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.01 min
Lab File: BM021084.D
Acq: 21 Jun 2019 15:34

Tgt Ion: 88 Resp: 46929
Ion Ratio Lower Upper
88 100
58 63.7 51.9 77.9
43 32.0 21.4 32.2



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 44.925 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM021084.D

Acq: 21 Jun 2019 15:34

Instrument :

BNA_M

ClientSampleId :

LF017MW001-190610

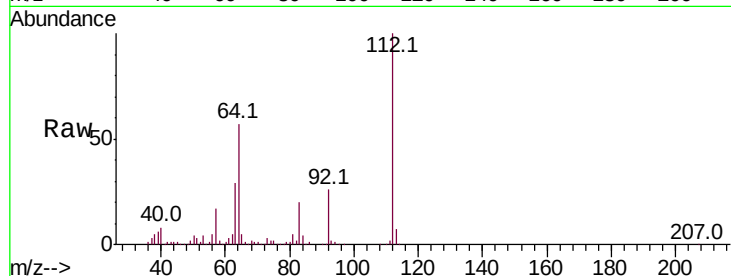
Tot Ion:112 Resp: 617203

Ion Ratio Lower Upper

112 100

64 57.1 45.2 67.8

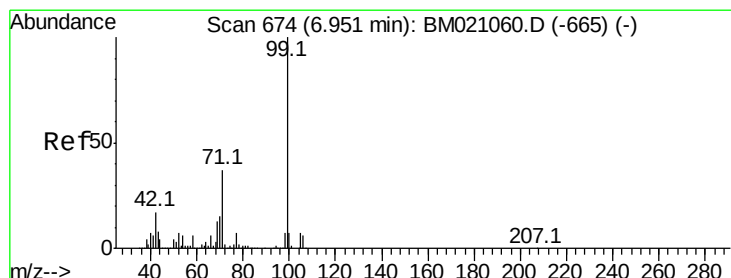
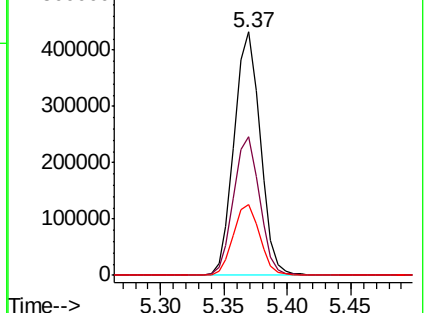
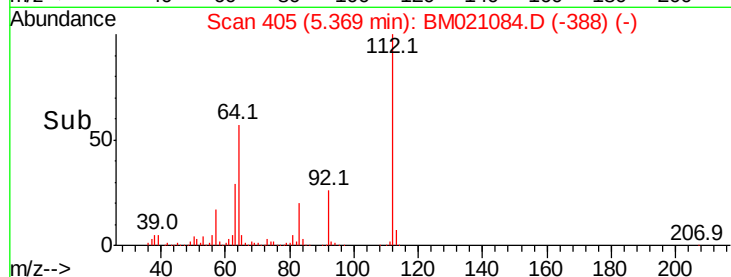
63 29.2 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 27.766 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021084.D

Acq: 21 Jun 2019 15:34

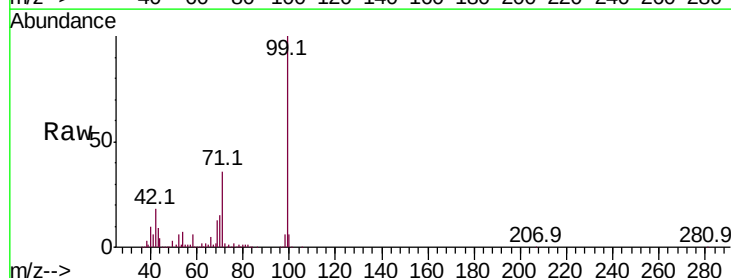
Tgt Ion: 99 Resp: 555519

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

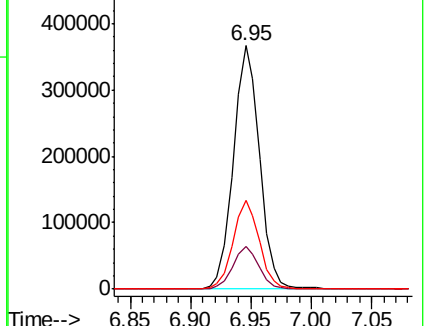
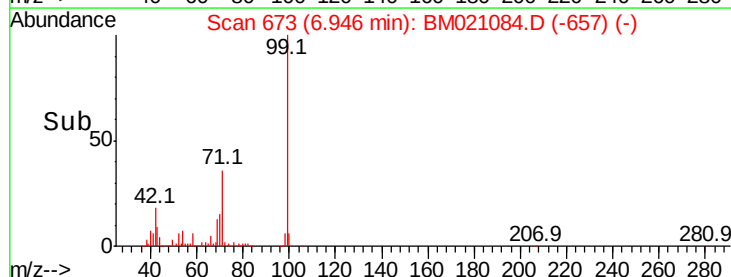
71 36.3 29.3 43.9

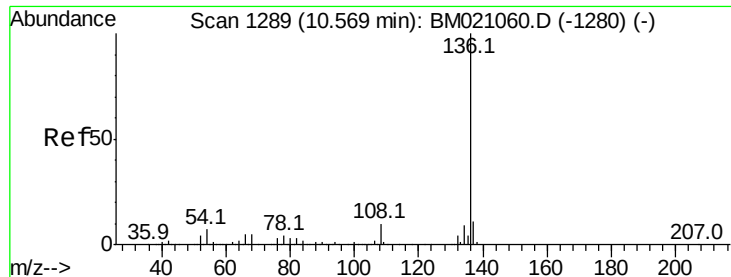


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B



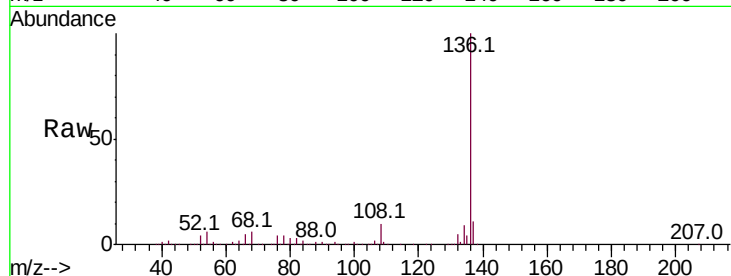


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM021084.D
Acq: 21 Jun 2019 15:34

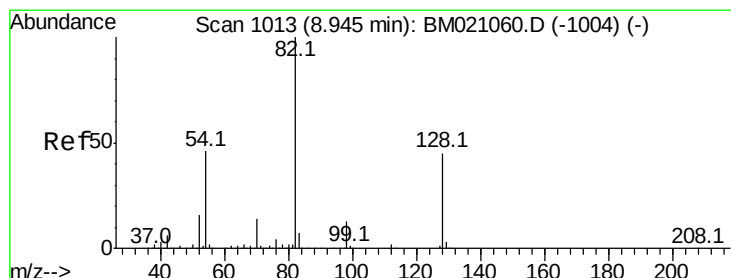
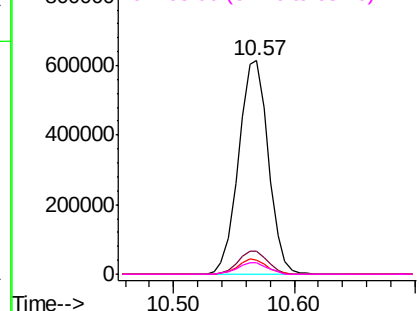
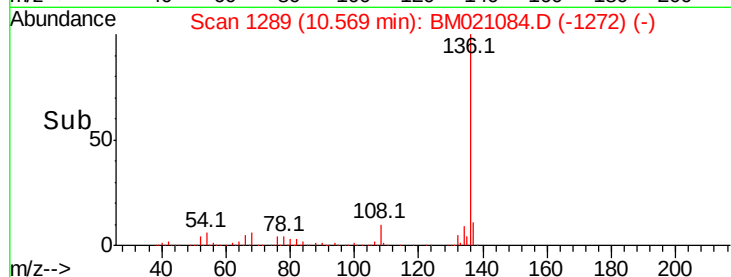
Instrument :
BNA_M
ClientSampleId :
LF017MW001-190610

Tot Ion:136 Resp: 1058229

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.4	5.3	7.9
68	5.6	4.4	6.6



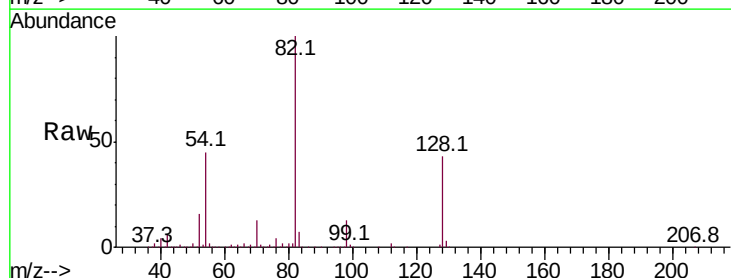
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



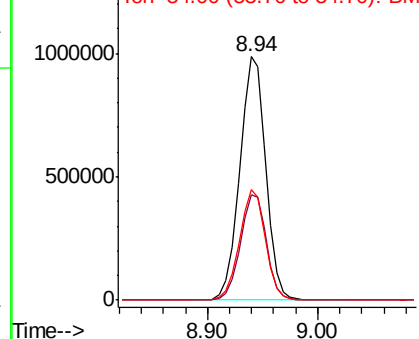
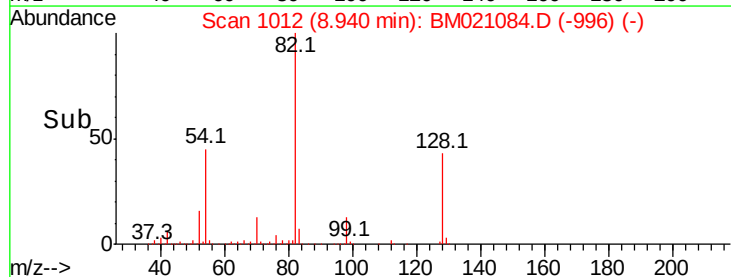
#23
Nitrobenzene-d5
Concen: 80.229 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021084.D
Acq: 21 Jun 2019 15:34

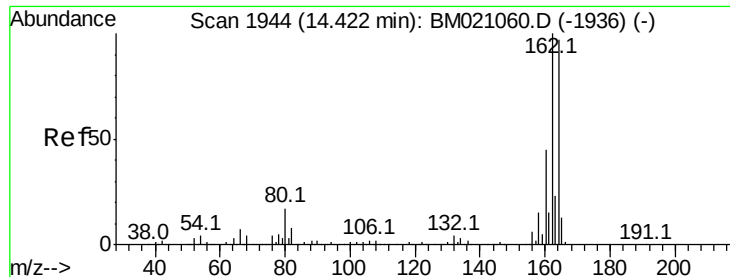
Tgt Ion: 82 Resp: 1629042

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.9	53.9
54	45.5	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: BM021084.D

Acq: 21 Jun 2019 15:34

Instrument :

BNA_M

ClientSampleId :

LF017MW001-190610

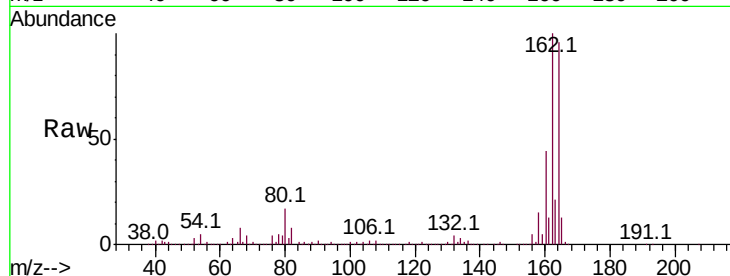
Tot Ion:164 Resp: 730598

Ion Ratio Lower Upper

164 100

162 103.8 82.1 123.1

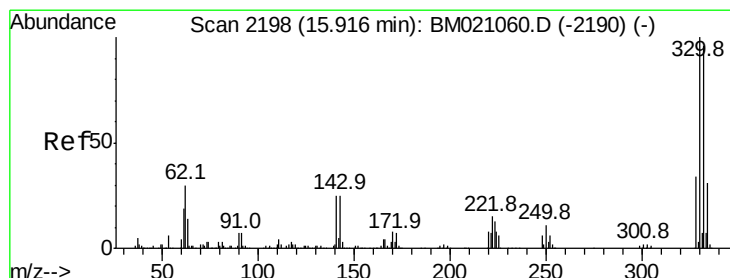
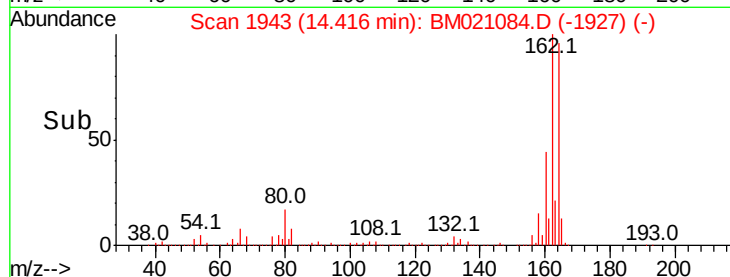
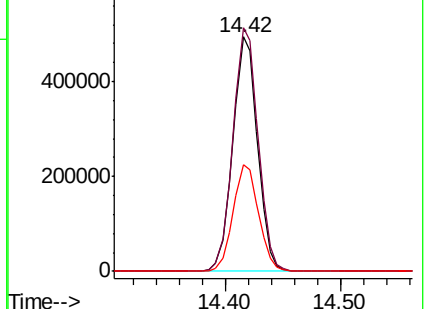
160 45.7 37.1 55.7



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: 104.348 ng

RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BM021084.D

Acq: 21 Jun 2019 15:34

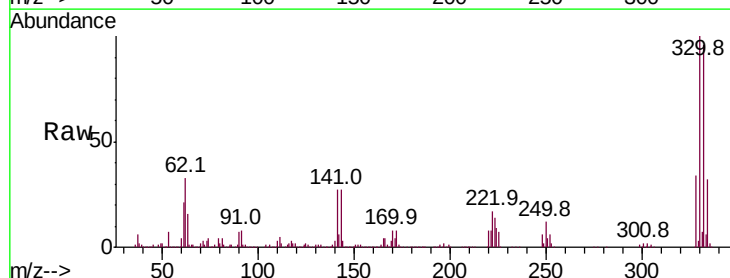
Tgt Ion:330 Resp: 1430540

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

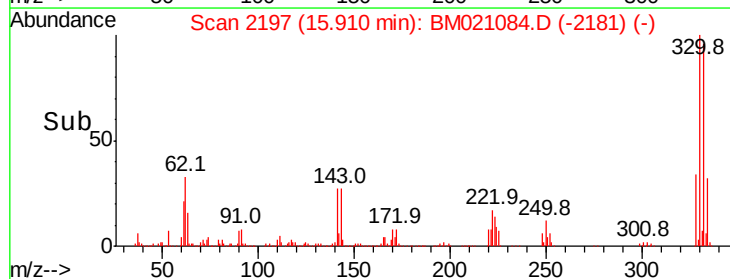
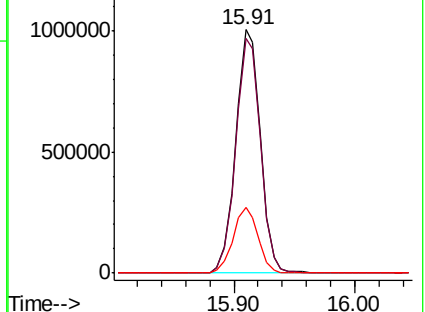
141 27.4 21.8 32.8

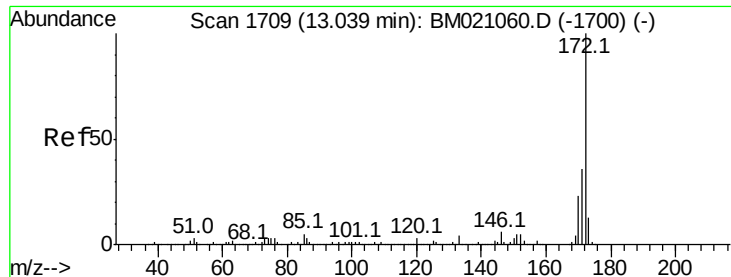


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

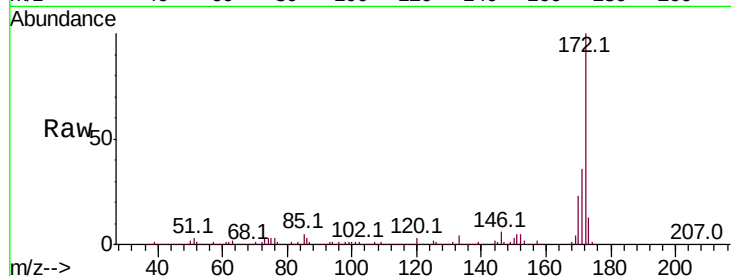




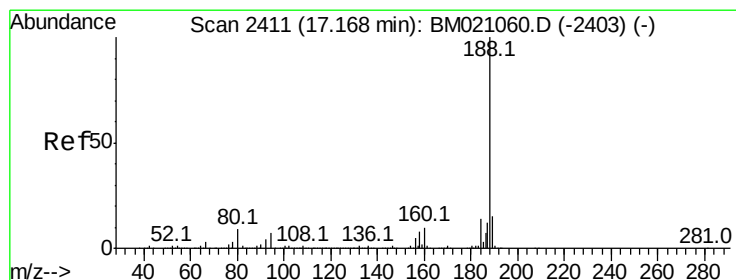
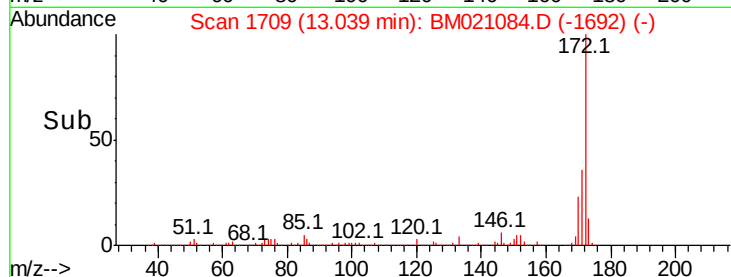
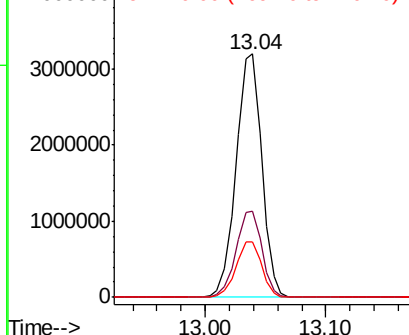
#45
2-Fluorobiphenyl
Concen: 80.156 ng
RT: 13.04 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM021084.D
Acq: 21 Jun 2019 15:34

Instrument :
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LF017MW001-190610

Tot Ion:172 Resp: 4764987
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 22.9 18.7 28.1

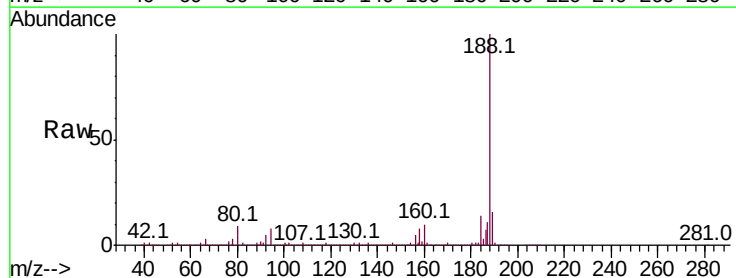


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

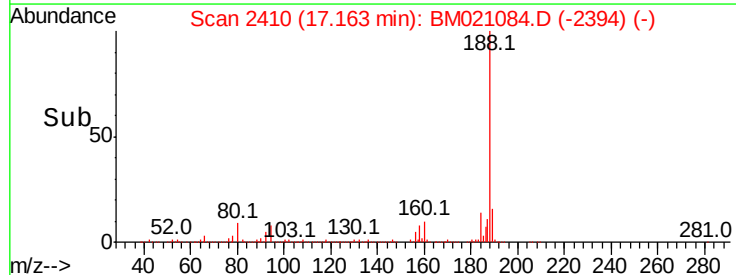
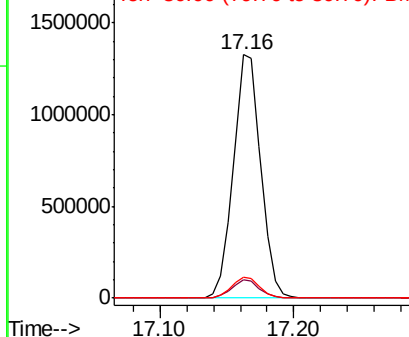


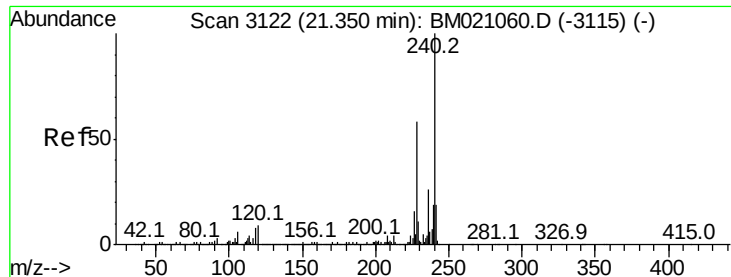
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021084.D
Acq: 21 Jun 2019 15:34

Tgt Ion:188 Resp: 1897460
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.8
80 8.7 6.9 10.3



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

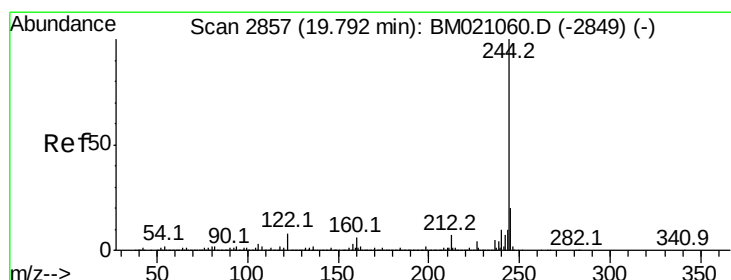
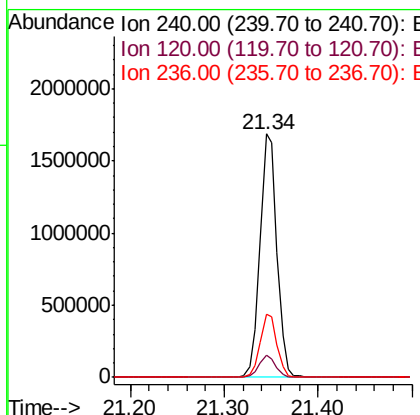
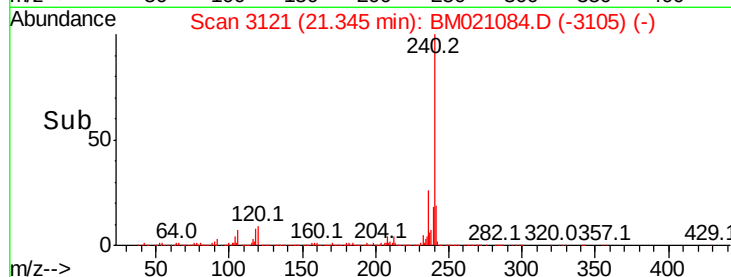
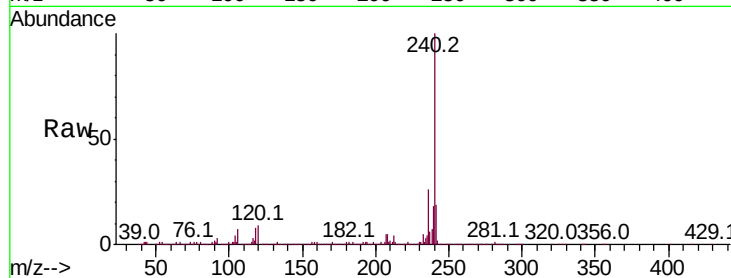




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.34 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BM021084.D
 Acq: 21 Jun 2019 15:34

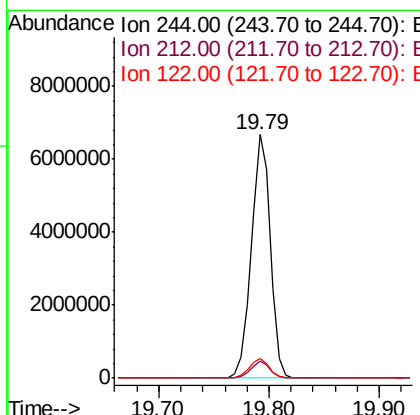
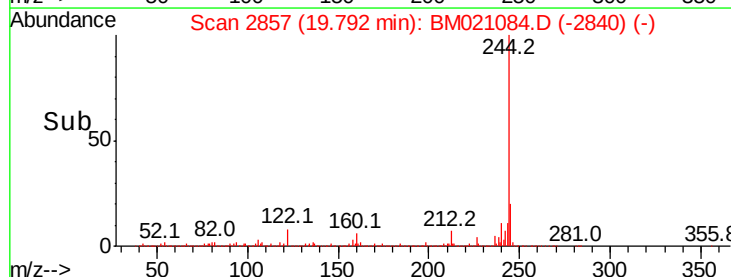
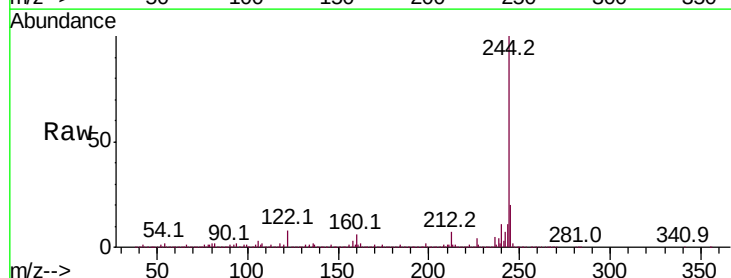
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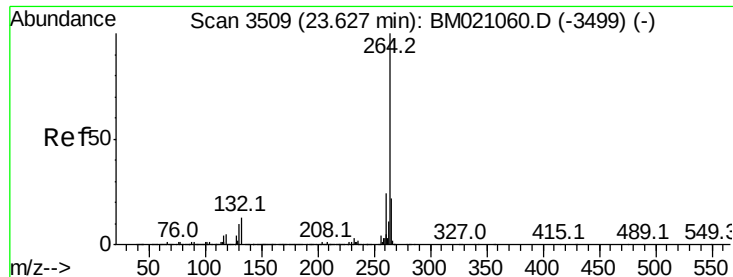
Tot Ion:240 Resp: 2092808
 Ion Ratio Lower Upper
 240 100
 120 9.0 6.9 10.3
 236 25.8 20.4 30.6



#79
 Terphenyl-d14
 Concen: 71.857 ng
 RT: 19.79 min Scan# 2857
 Delta R.T. 0.00 min
 Lab File: BM021084.D
 Acq: 21 Jun 2019 15:34

Tgt Ion:244 Resp: 8051620
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.3 7.9
 122 8.2 6.6 9.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3509

Delta R.T. 0.00 min

Lab File: BM021084.D

Acq: 21 Jun 2019 15:34

Instrument :

BNA_M

ClientSampleId :

LF017MW001-190610

Tot Ion:264 Resp: 2261163

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.5 17.7 26.5

