

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 21 23:30:46 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

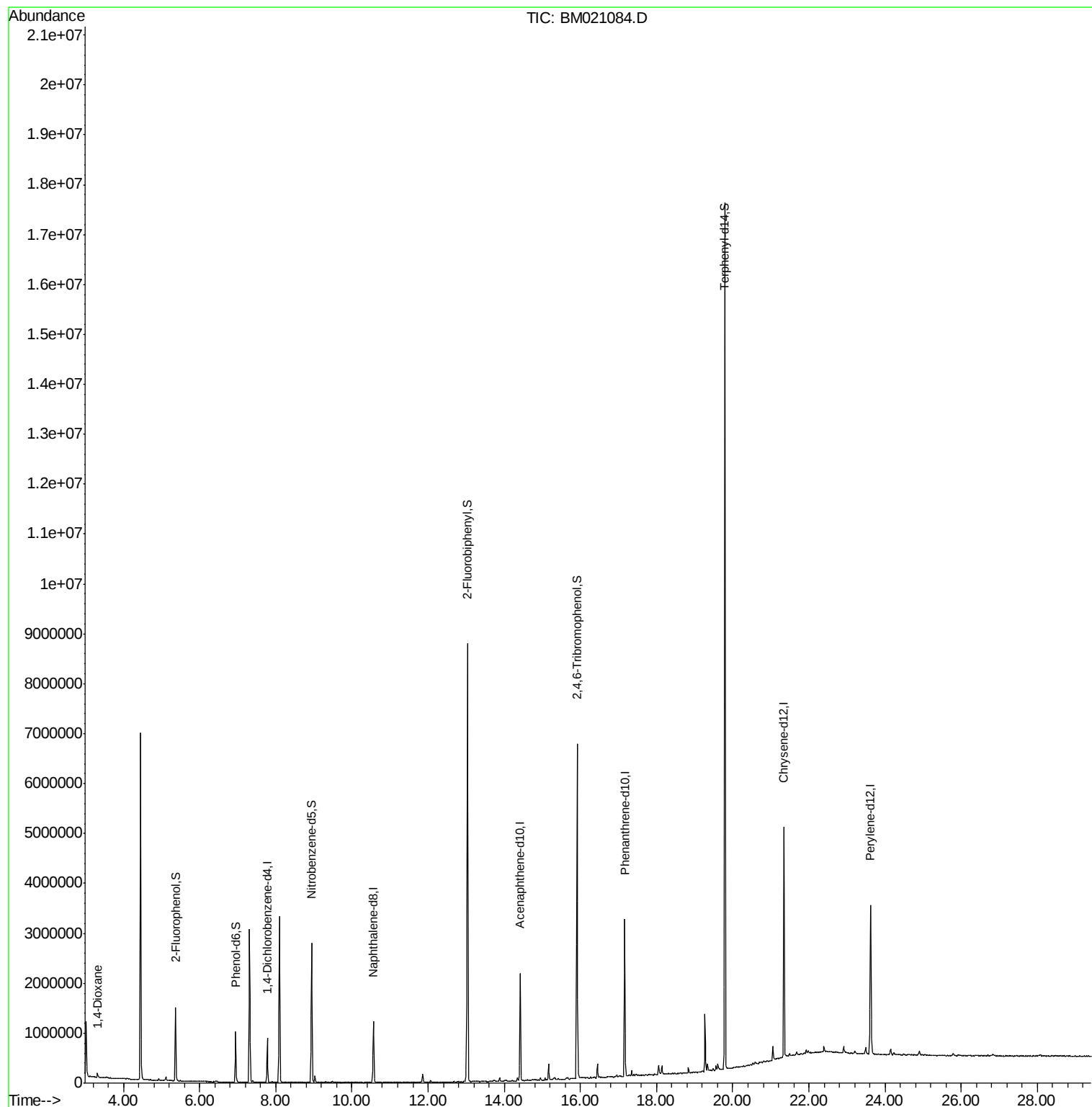
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	248766	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1058229	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	730598	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1897460	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2092808	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	96
9) Benzaldehyde	6.95	77	2815	Below Cal	#	22

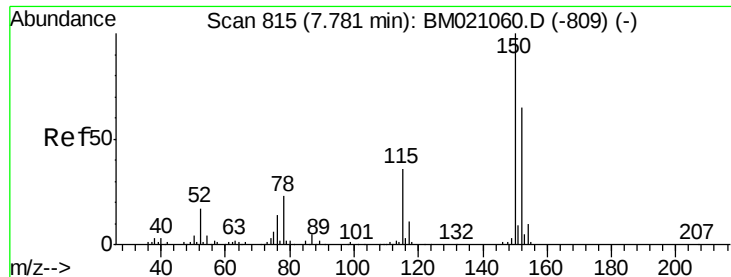
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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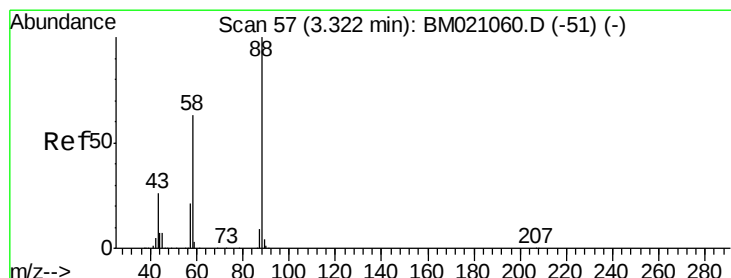
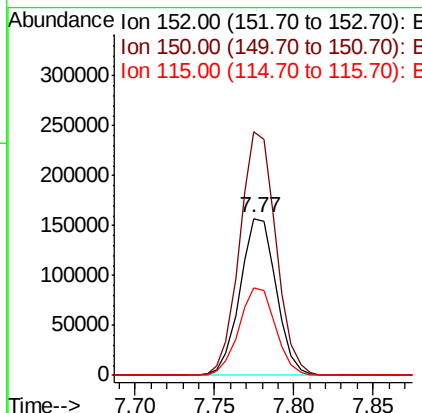
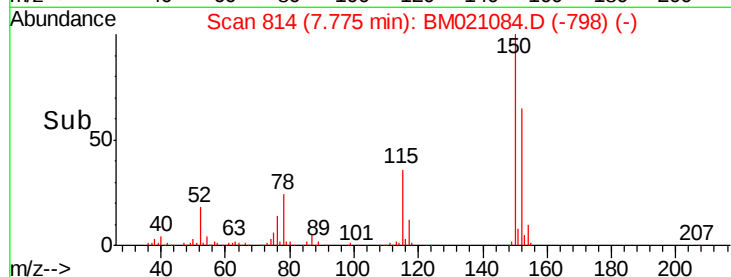
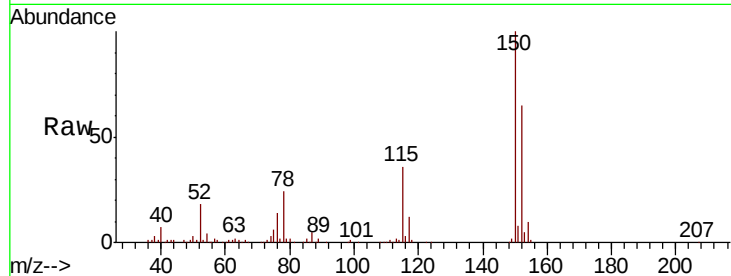


#1

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

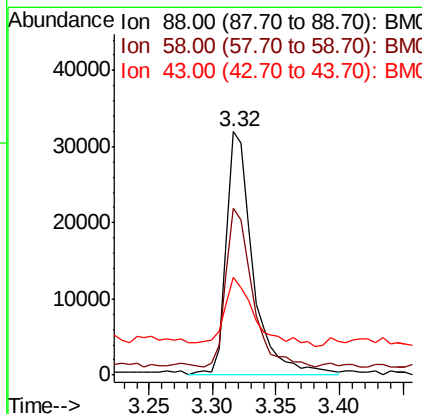
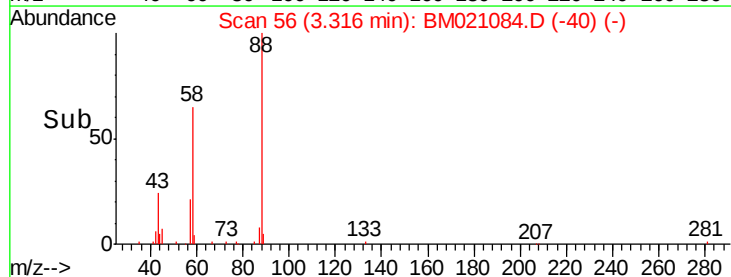
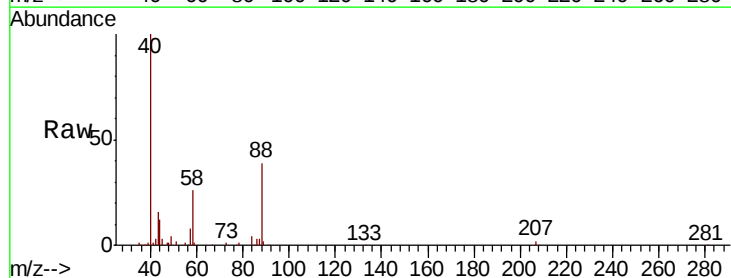
Tgt Ion:152 Resp: 248766
Ion Ratio Lower Upper
152 100
150 154.9 123.1 184.7
115 55.9 44.2 66.4

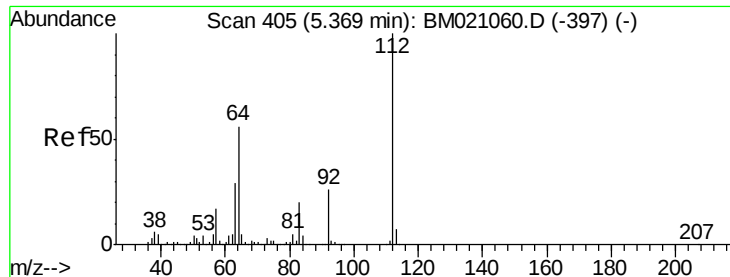


#2

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





#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

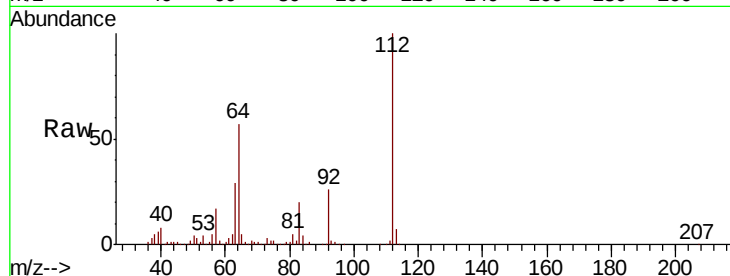
Tgt Ion: 112 Resp: 617203

Ion Ratio Lower Upper

112 100

64 57.1 45.2 67.8

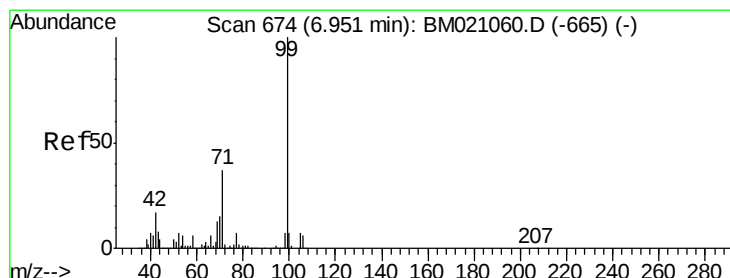
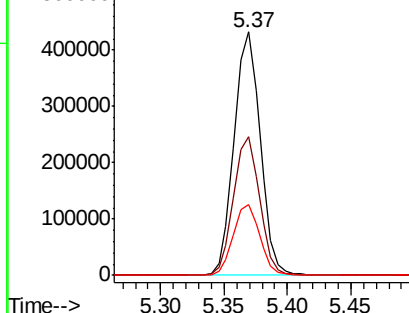
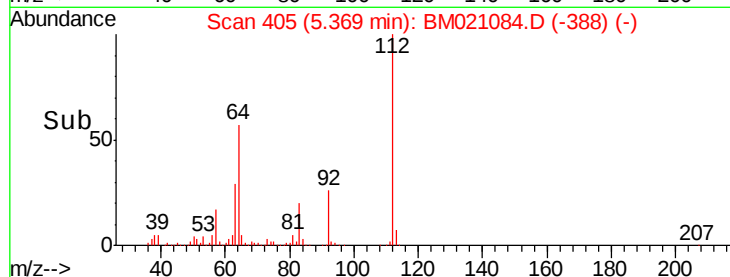
63 29.2 23.5 35.3



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

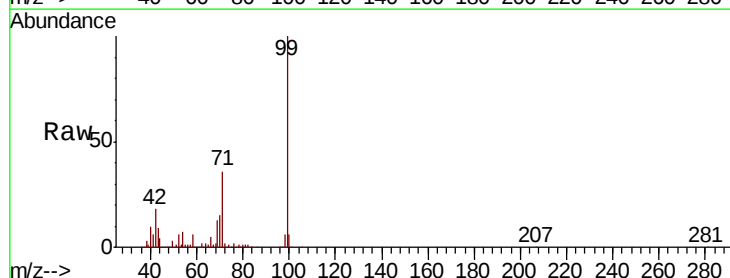
Tgt Ion: 99 Resp: 555519

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

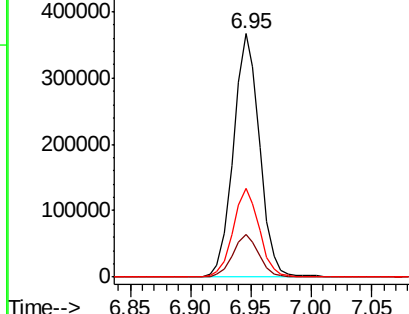
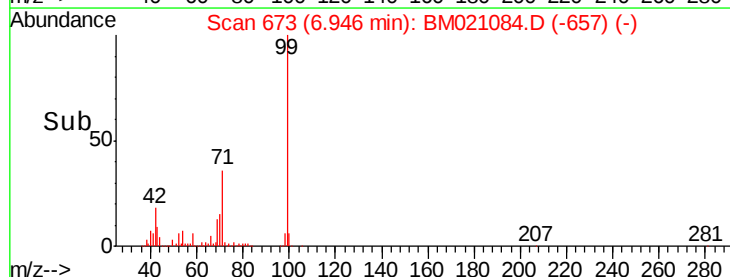
71 36.3 29.3 43.9

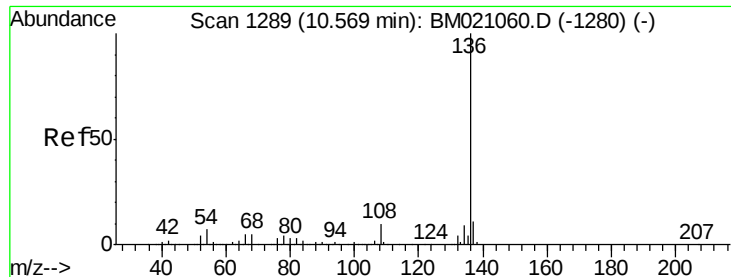


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

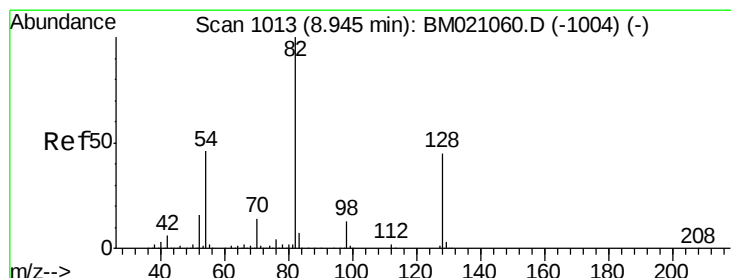
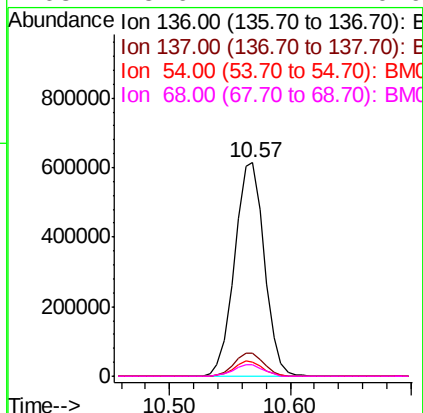
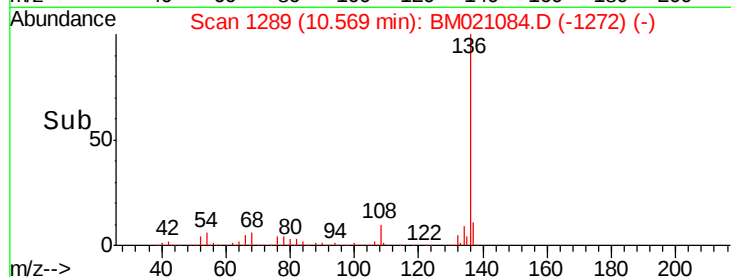
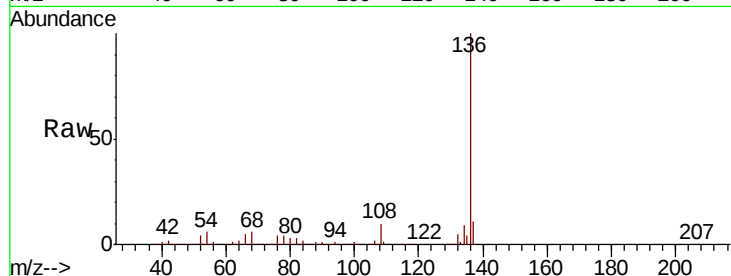




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM021084.D
Acq: 21 Jun 2019 15:34

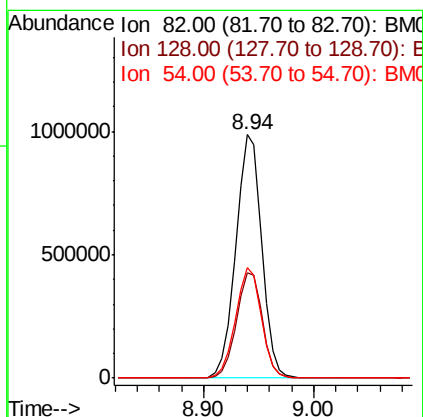
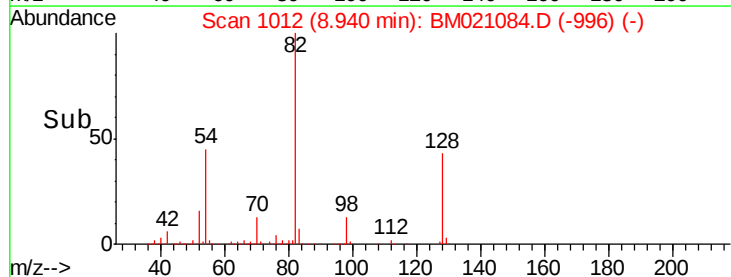
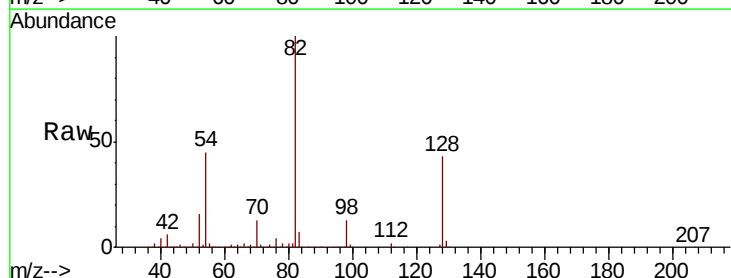
Instrument :
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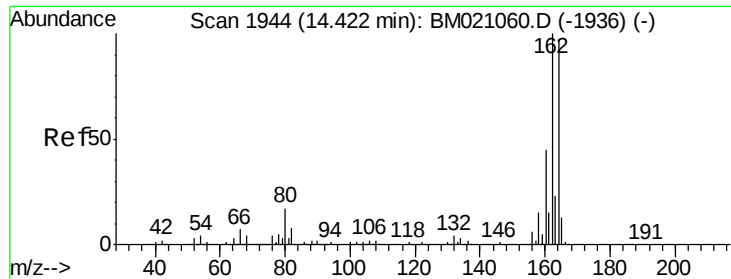
Tgt Ion:136 Resp: 1058229
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.4 5.3 7.9
68 5.6 4.4 6.6



#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





#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

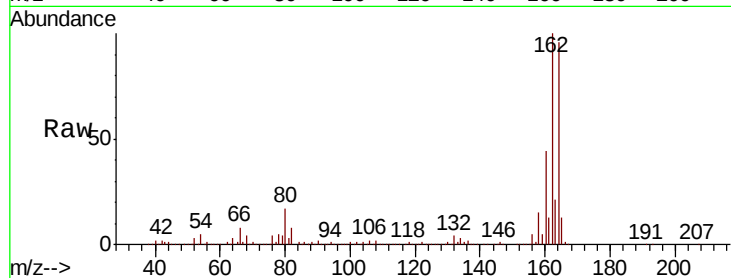
Tgt Ion:164 Resp: 730598

Ion Ratio Lower Upper

164 100

162 103.8 82.1 123.1

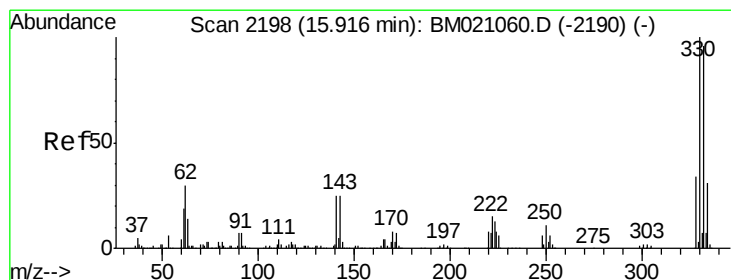
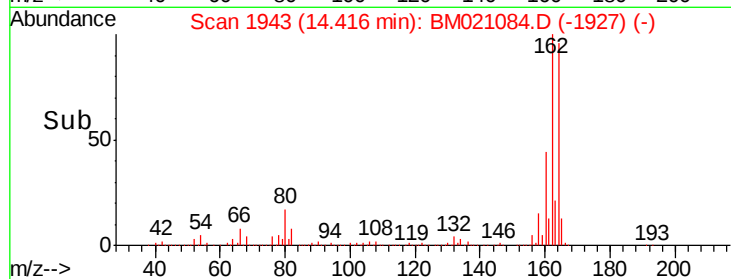
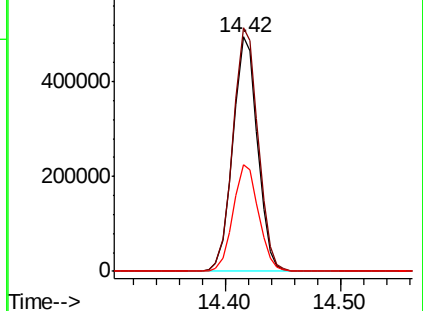
160 45.7 37.1 55.7



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

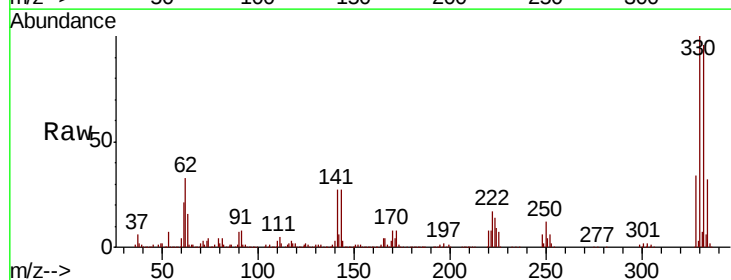
Tgt Ion:330 Resp: 1430540

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

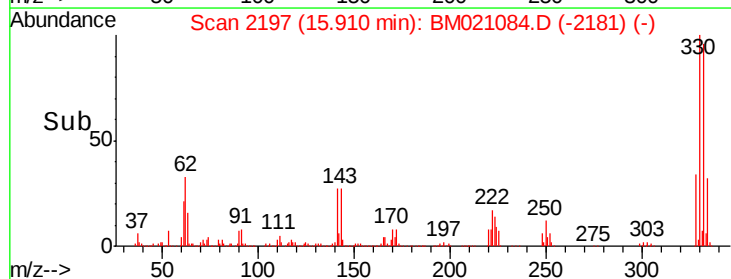
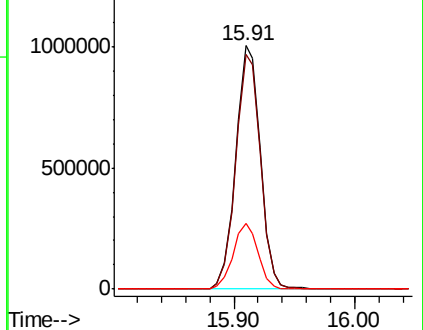
141 27.4 21.8 32.8

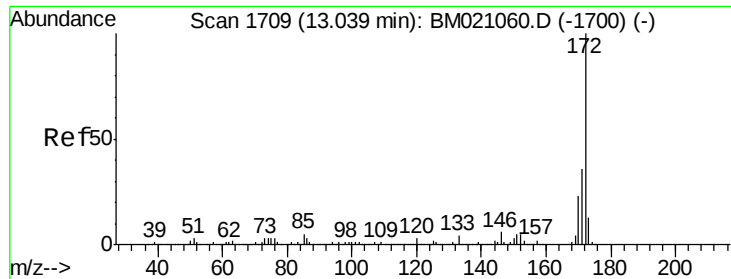


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

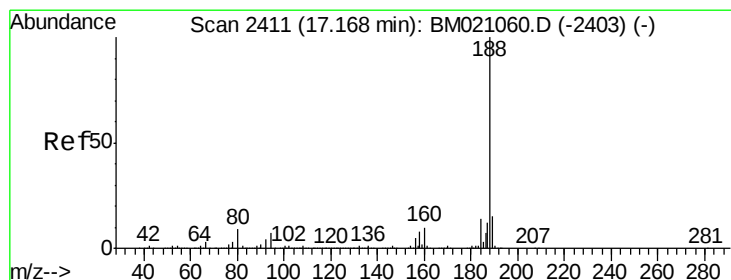
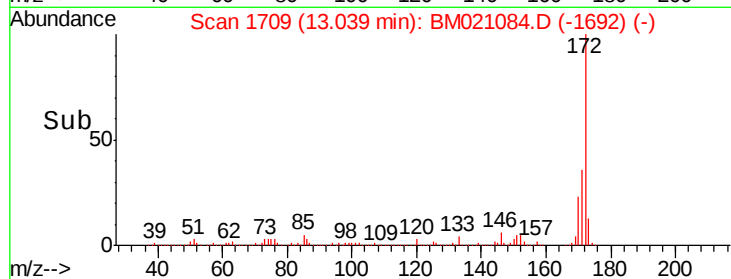
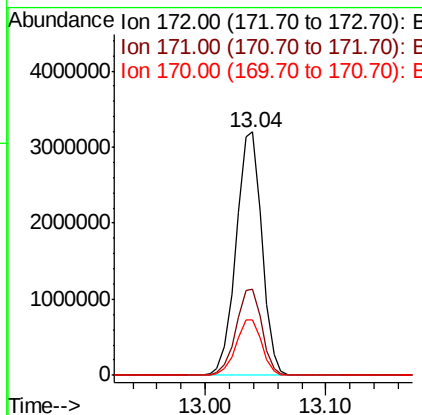
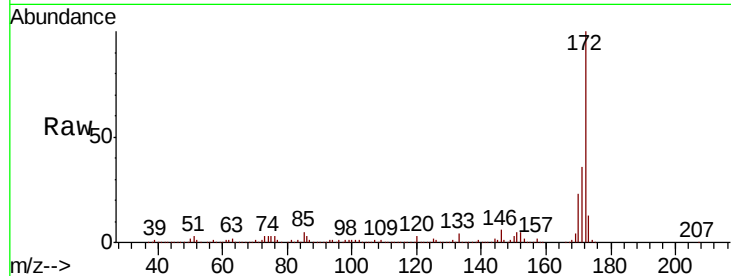




#45
2-Fluorobiphenyl
Concen: 80.156 ng
RT: 13.04 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM021084.D
Acq: 21 Jun 2019 15:34

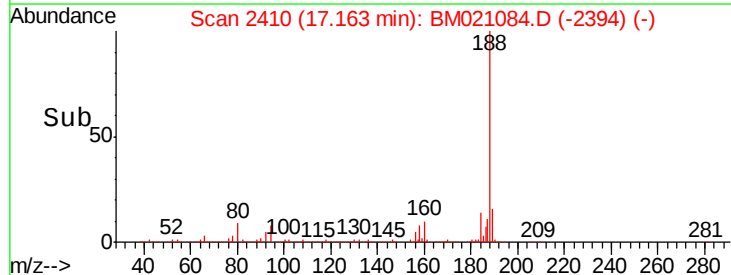
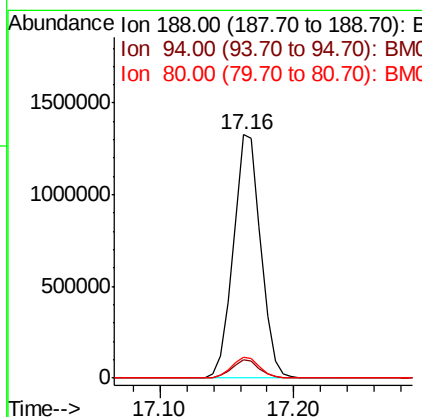
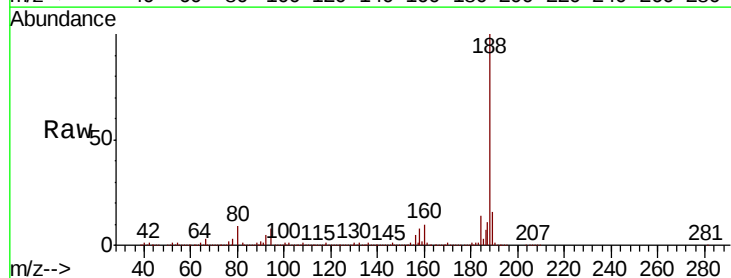
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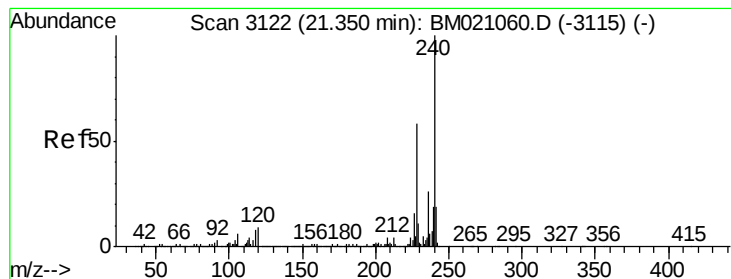
Tgt Ion:172 Resp: 4764987
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 22.9 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: 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





#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

Instrument :

BNA_M

ClientSampleId :

LF017MW001-190610

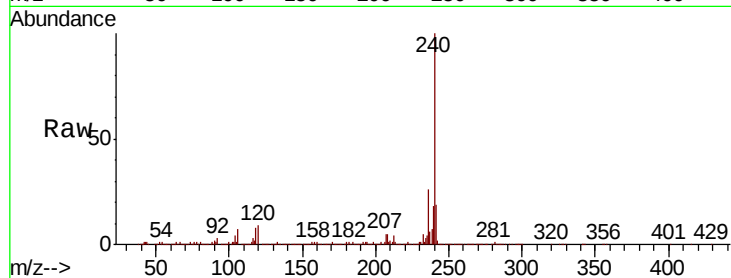
Tgt Ion:240 Resp: 2092808

Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

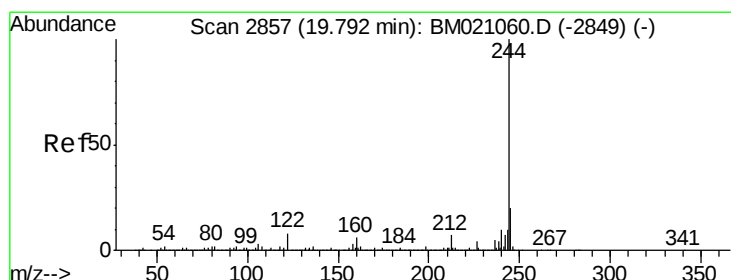
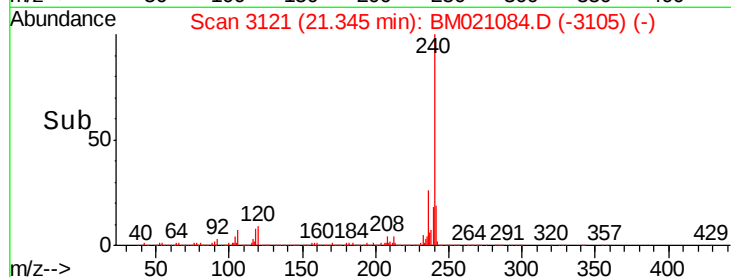
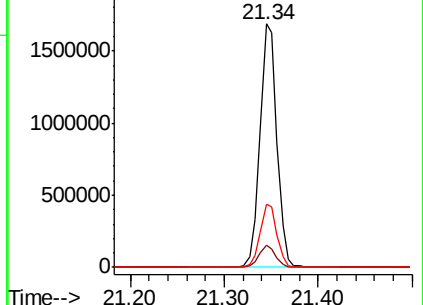
236 25.8 20.4 30.6



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: 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

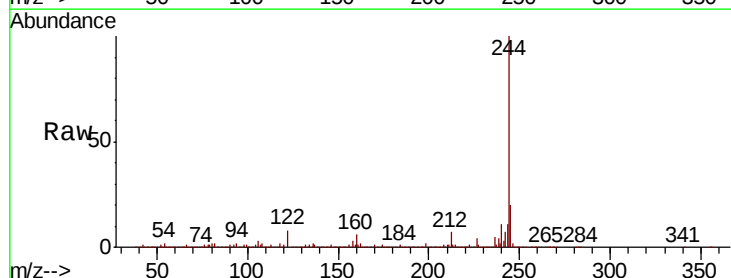
Tgt Ion:244 Resp: 8051620

Ion Ratio Lower Upper

244 100

212 6.9 5.3 7.9

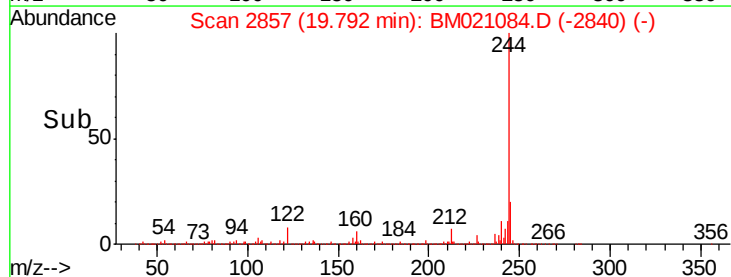
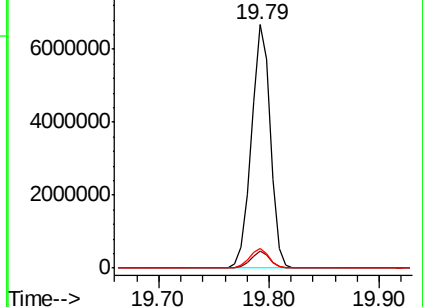
122 8.2 6.6 9.8

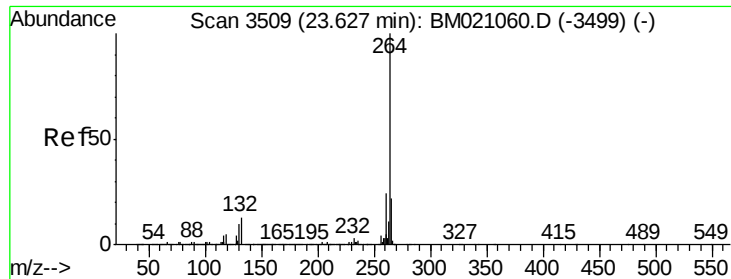


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.63 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

Tgt Ion: 264 Resp: 2261163

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.5	17.7	26.5

