

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
 Data File : BM026691.D
 Acq On : 07 Jul 2020 23:56
 Operator : JU/CG
 Sample : PB129957BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129957BL

Quant Time: Jul 08 05:06:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 16:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	63059	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	272082	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	191487	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	438904	20.00	ng	0.00
76) Chrysene-d12	20.96	240	511526	20.00	ng	-0.01
86) Perylene-d12	23.03	264	545817	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	489771	130.18	ng	0.00
7) Phenol-d6	6.54	99	694943	115.94	ng	0.00
23) Nitrobenzene-d5	8.48	82	571068	89.54	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	375106	134.48	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	1276812	88.66	ng	0.00
79) Terphenyl-d14	19.42	244	2750272	105.81	ng	0.00

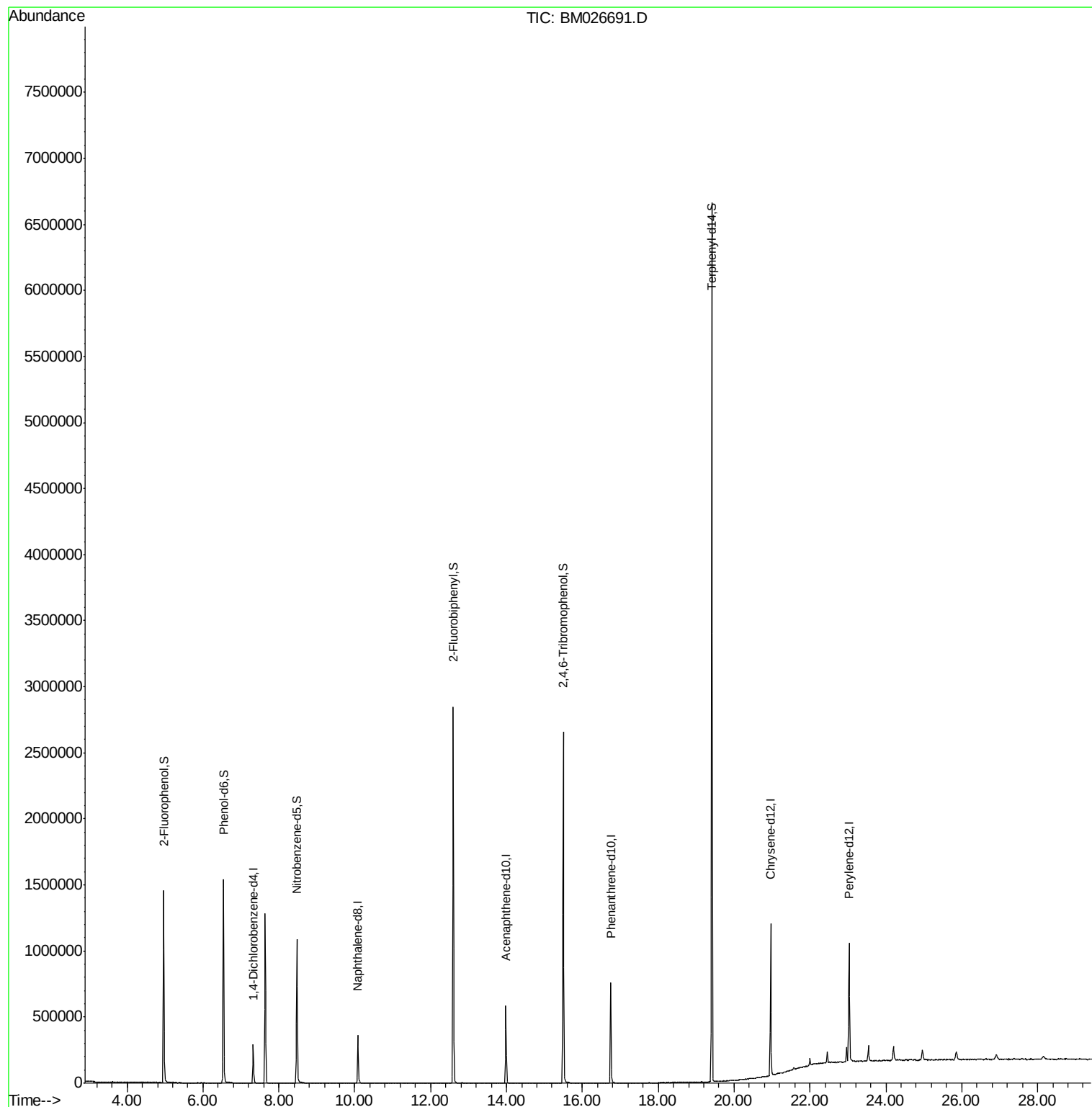
Target Compounds Qvalue

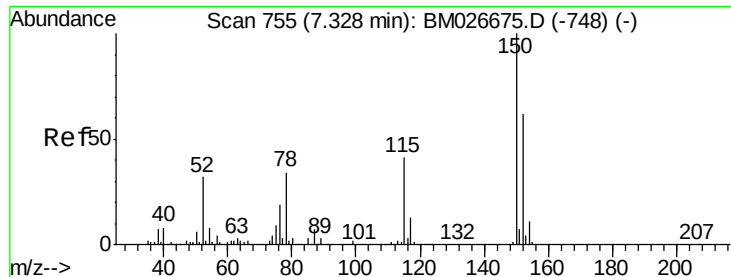
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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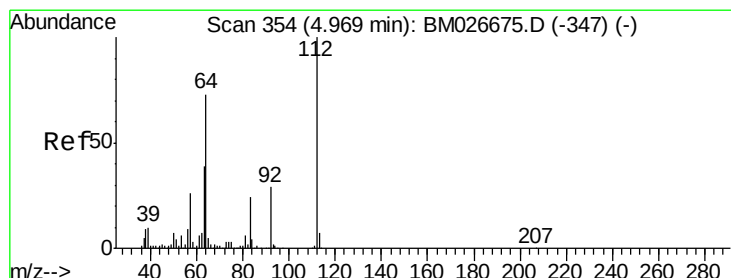
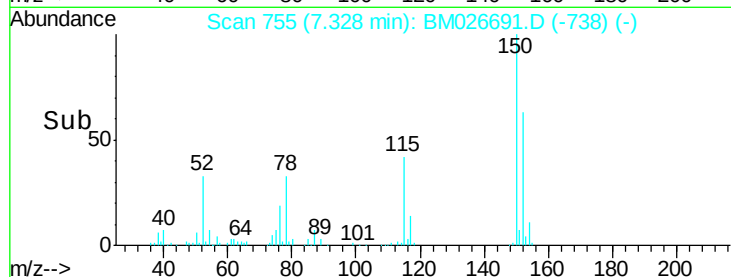
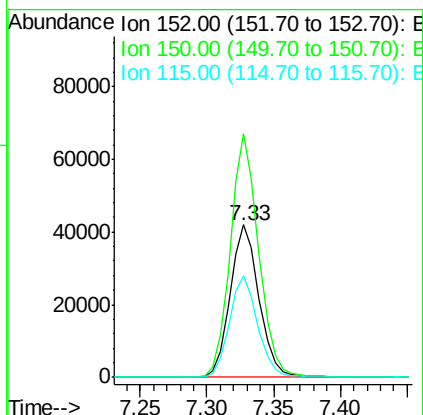
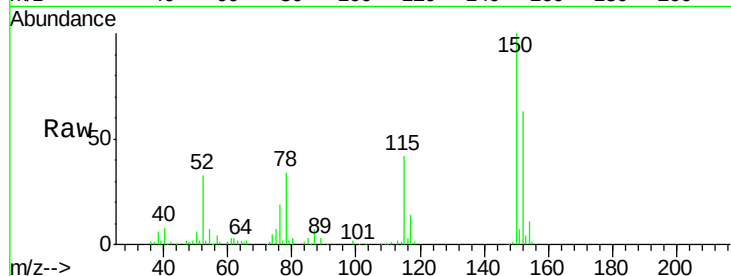


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 755
Delta R.T. -0.00 min
Lab File: BM026691.D
Acq: 07 Jul 2020 23:56

Instrument :
BNA_M
ClientSampleId :
PB129957BL

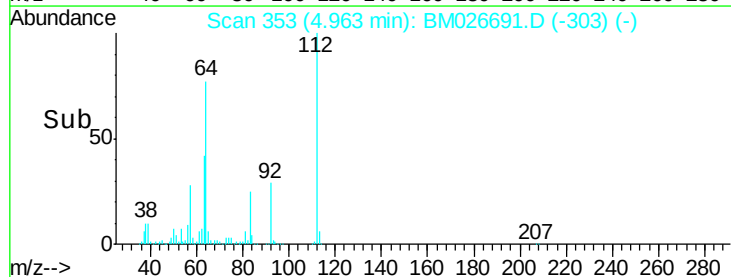
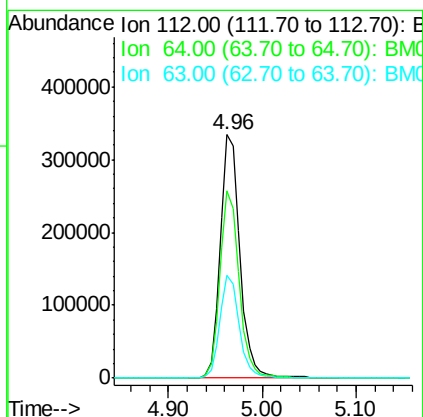
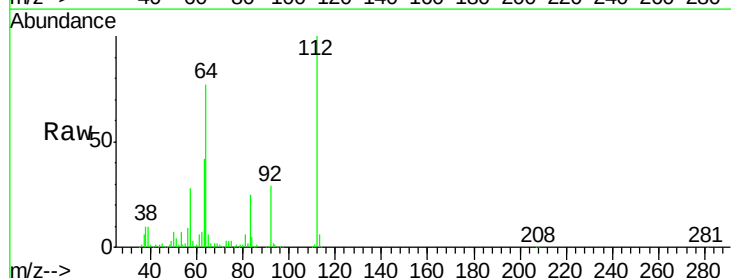
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	128.1	192.1
115	67.0	52.2	78.4

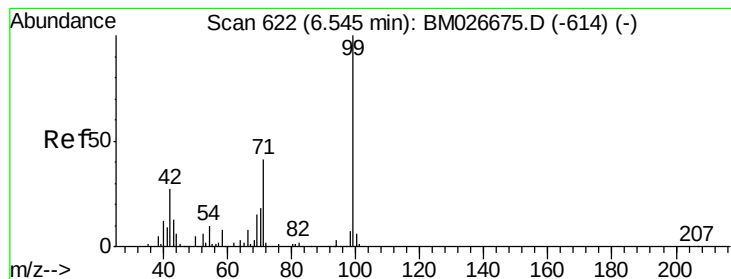


#5

2-Fluorophenol
Concen: 130.180 ng
RT: 4.96 min Scan# 353
Delta R.T. -0.01 min
Lab File: BM026691.D
Acq: 07 Jul 2020 23:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.9	58.4	87.6
63	42.2	31.5	47.3





#7

Phenol-d6

Concen: 115.935 ng

RT: 6.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BM026691.D

Acq: 07 Jul 2020 23:56

Instrument :

BNA_M

ClientSampleId :

PB129957BL

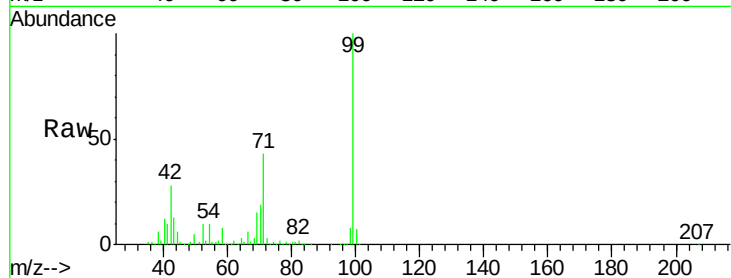
Tot Ion: 99 Resp: 694943

Ion Ratio Lower Upper

99 100

42 27.5 21.7 32.5

71 42.8 33.2 49.8

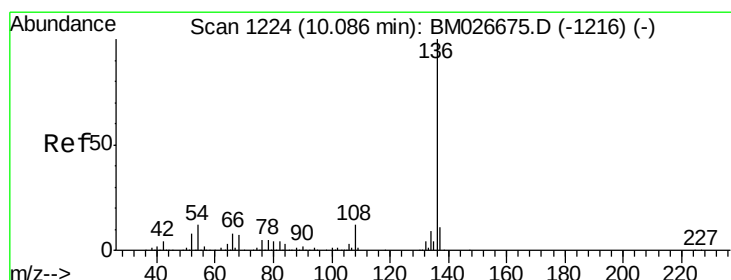
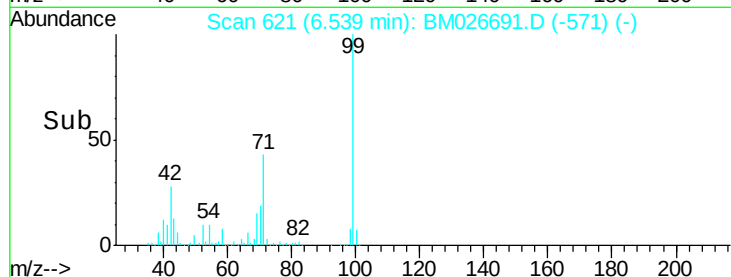
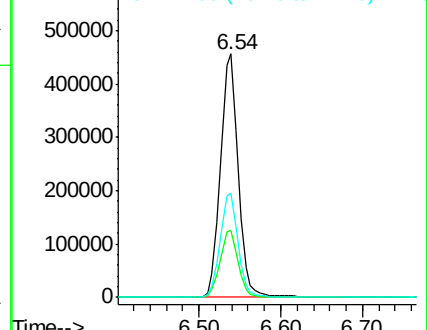


Abundance

Ion 99.00 (98.70 to 99.70): BM026691.D (-571) (-)

Ion 42.00 (41.70 to 42.70): BM026691.D (-571) (-)

Ion 71.00 (70.70 to 71.70): BM026691.D (-571) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.09 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BM026691.D

Acq: 07 Jul 2020 23:56

Tgt Ion: 136 Resp: 272082

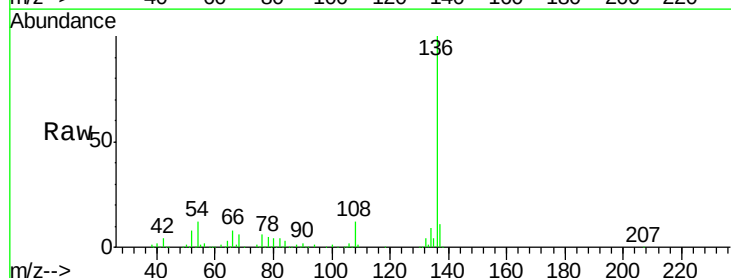
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 12.0 9.8 14.6

68 6.4 5.8 8.6



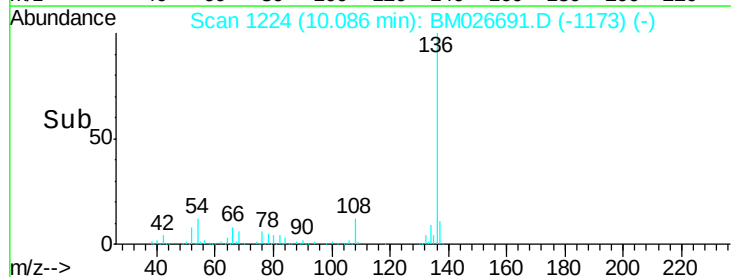
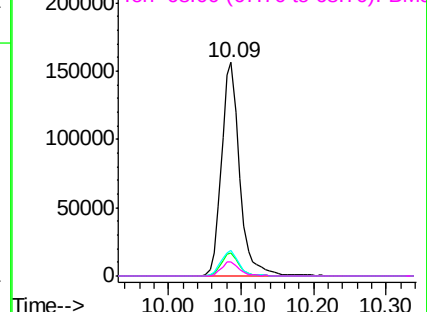
Abundance

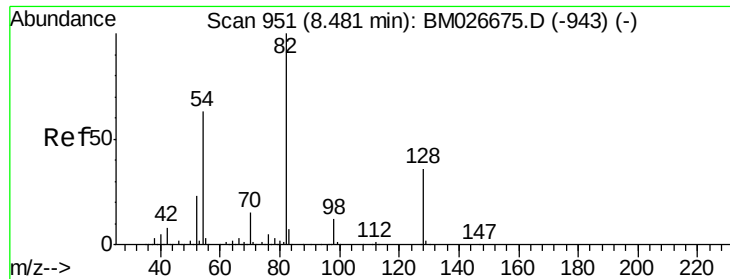
Ion 136.00 (135.70 to 136.70): BM026691.D (-1173) (-)

Ion 137.00 (136.70 to 137.70): BM026691.D (-1173) (-)

Ion 54.00 (53.70 to 54.70): BM026691.D (-1173) (-)

Ion 68.00 (67.70 to 68.70): BM026691.D (-1173) (-)

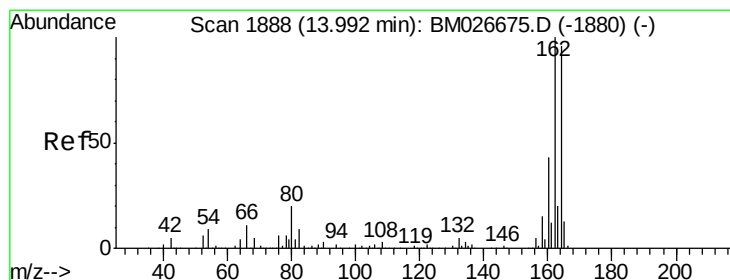
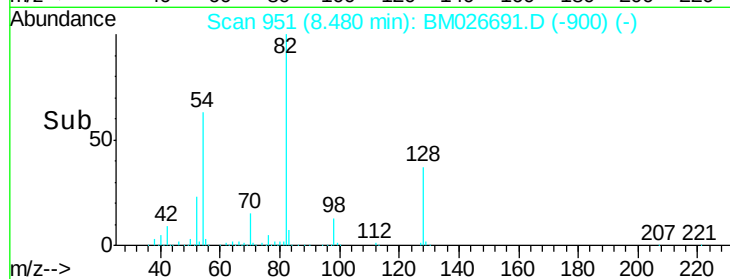
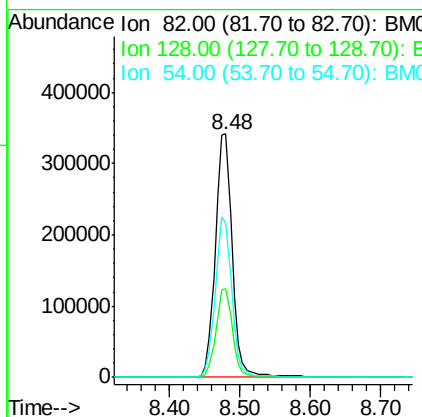
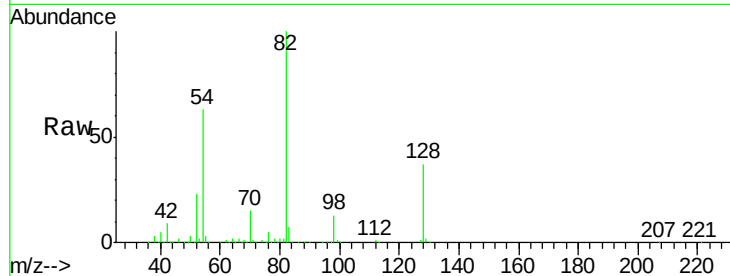




#23
 Nitrobenzene-d5
 Concen: 89.545 ng
 RT: 8.48 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BM026691.D
 Acq: 07 Jul 2020 23:56

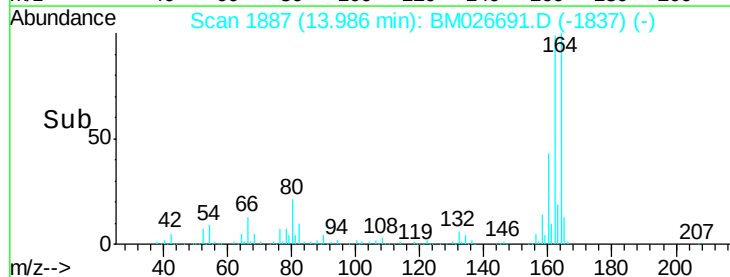
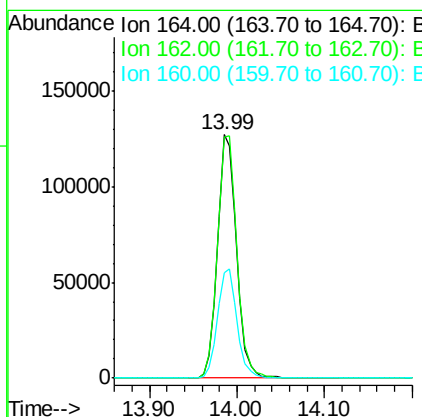
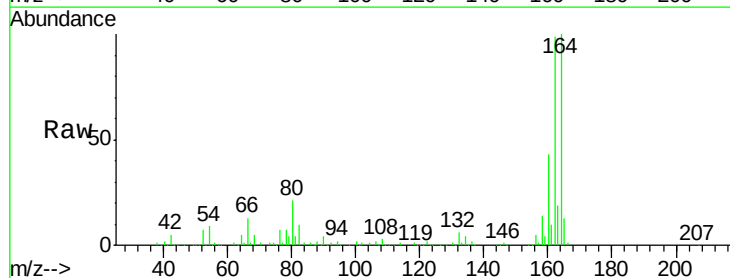
Instrument :
 BNA_M
 ClientSampleId :
 PB129957BL

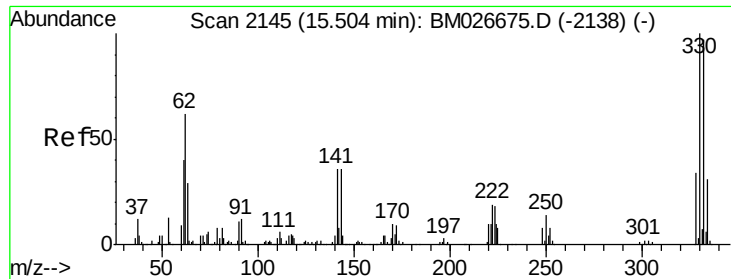
Tot Ion	82	Resp	571068
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.1	43.7
54	63.4	50.2	75.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.99 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BM026691.D
 Acq: 07 Jul 2020 23:56

Tgt Ion	164	Resp	191487
Ion Ratio	Lower	Upper	
164	100		
162	98.9	83.7	125.5
160	43.2	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 134.476 ng

RT: 15.50 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BM026691.D

Acq: 07 Jul 2020 23:56

Instrument :

BNA_M

ClientSampleId :

PB129957BL

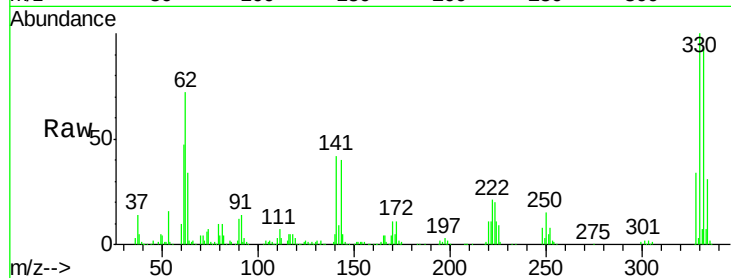
Tot Ion:330 Resp: 375106

Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

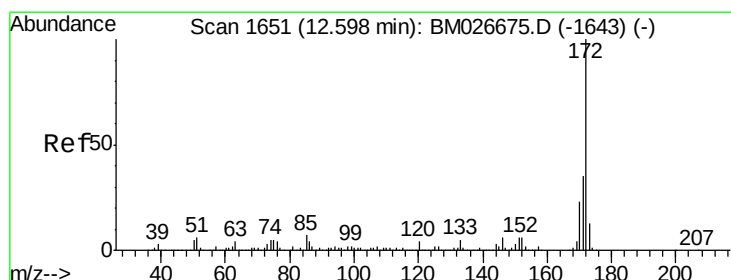
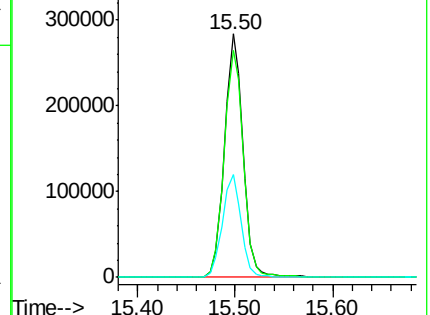
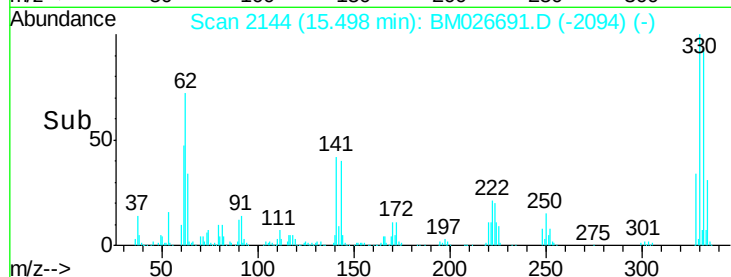
141 42.8 32.4 48.6



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: 88.658 ng

RT: 12.60 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BM026691.D

Acq: 07 Jul 2020 23:56

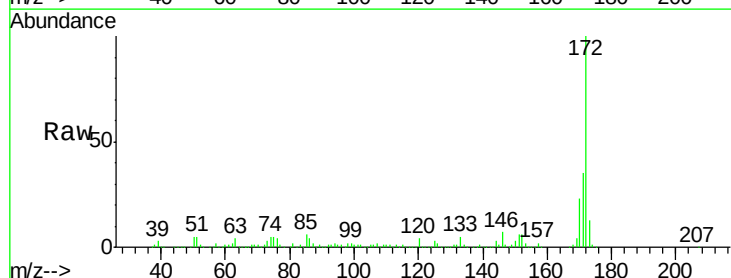
Tgt Ion:172 Resp: 1276812

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

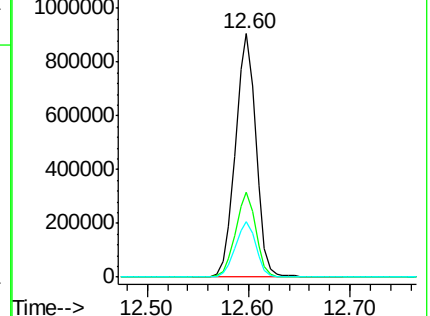
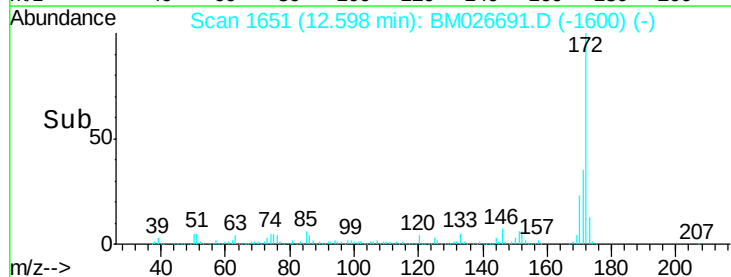
170 23.0 18.5 27.7

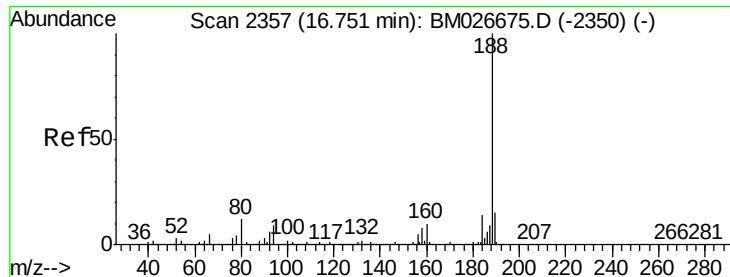


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.75 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BM026691.D

Acq: 07 Jul 2020 23:56

Instrument :

BNA_M

ClientSampleId :

PB129957BL

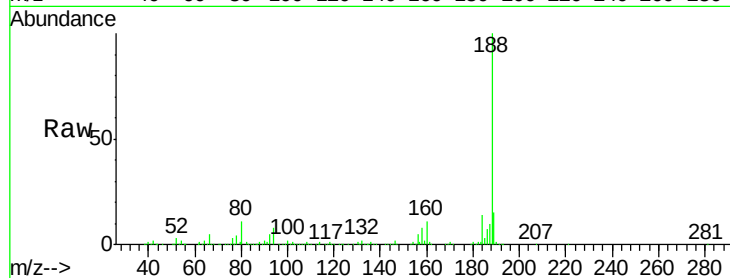
Tot Ion:188 Resp: 438904

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.0

80 10.6 9.3 13.9



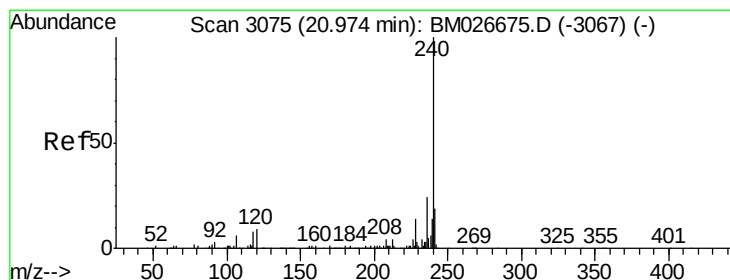
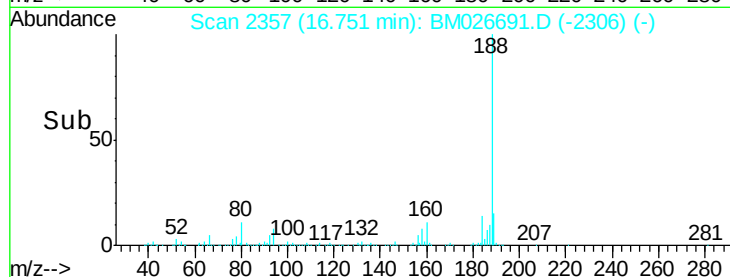
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

16.75

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.96 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BM026691.D

Acq: 07 Jul 2020 23:56

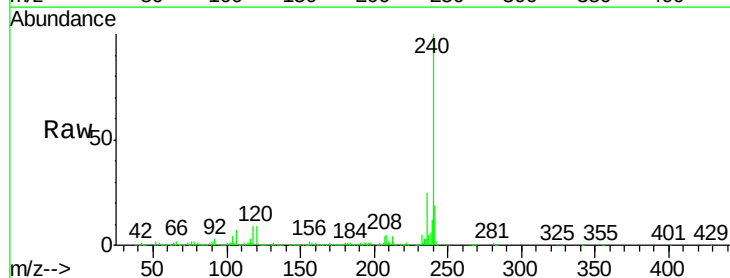
Tgt Ion:240 Resp: 511526

Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

236 25.1 19.4 29.2



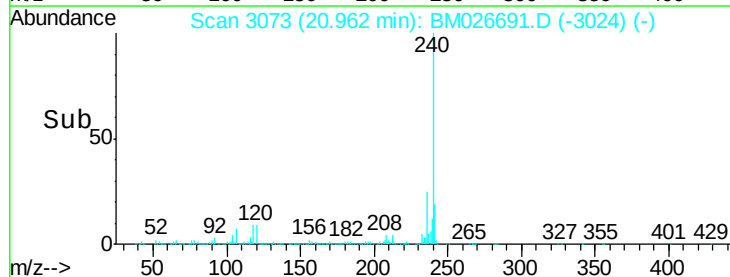
Abundance Ion 240.00 (239.70 to 240.70): E

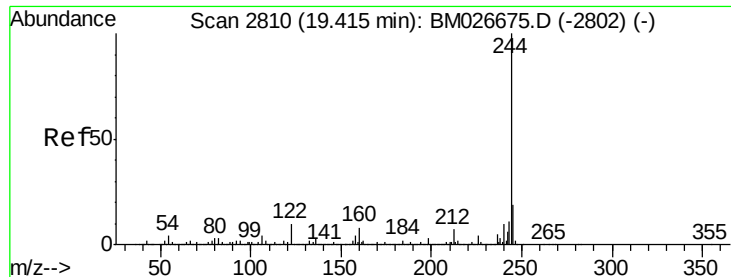
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

20.96

Time-->

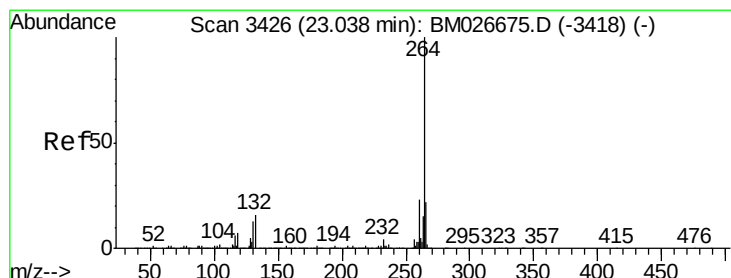
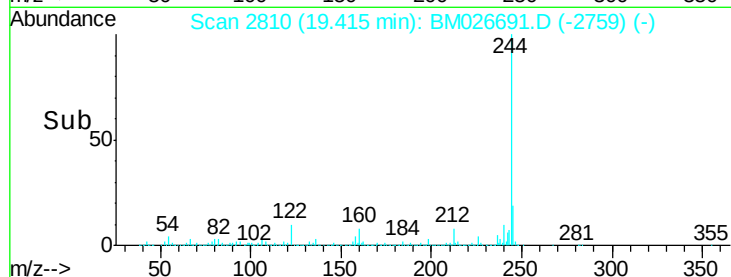
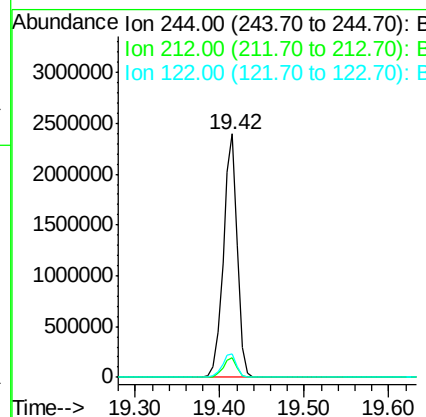
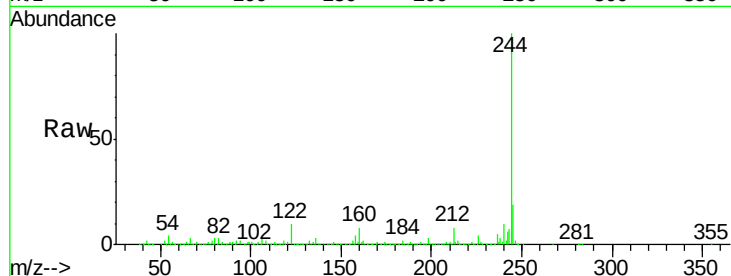




#79
 Terphenyl-d14
 Concen: 105.813 ng
 RT: 19.42 min Scan# 2810
 Delta R.T. -0.00 min
 Lab File: BM026691.D
 Acq: 07 Jul 2020 23:56

Instrument :
 BNA_M
 ClientSampleId :
 PB129957BL

Tot Ion:244 Resp: 2750272
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 9.6 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.03 min Scan# 3425
 Delta R.T. -0.01 min
 Lab File: BM026691.D
 Acq: 07 Jul 2020 23:56

Tgt Ion:264 Resp: 545817
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.2
 265 21.4 17.6 26.4

