

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
 Data File : BM026686.D
 Acq On : 07 Jul 2020 20:54
 Operator : JU/CG
 Sample : PB129955BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129955BL

Quant Time: Jul 08 05:06:43 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	60993	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	269360	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	184789	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	430411	20.00	ng	0.00
76) Chrysene-d12	20.97	240	497163	20.00	ng	0.00
86) Perylene-d12	23.04	264	532954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	487878	134.07	ng	0.00
7) Phenol-d6	6.54	99	678570	117.04	ng	0.00
23) Nitrobenzene-d5	8.48	82	570969	90.43	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	369068	137.11	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	1257576	90.49	ng	0.00
79) Terphenyl-d14	19.42	244	2653283	105.03	ng	0.00

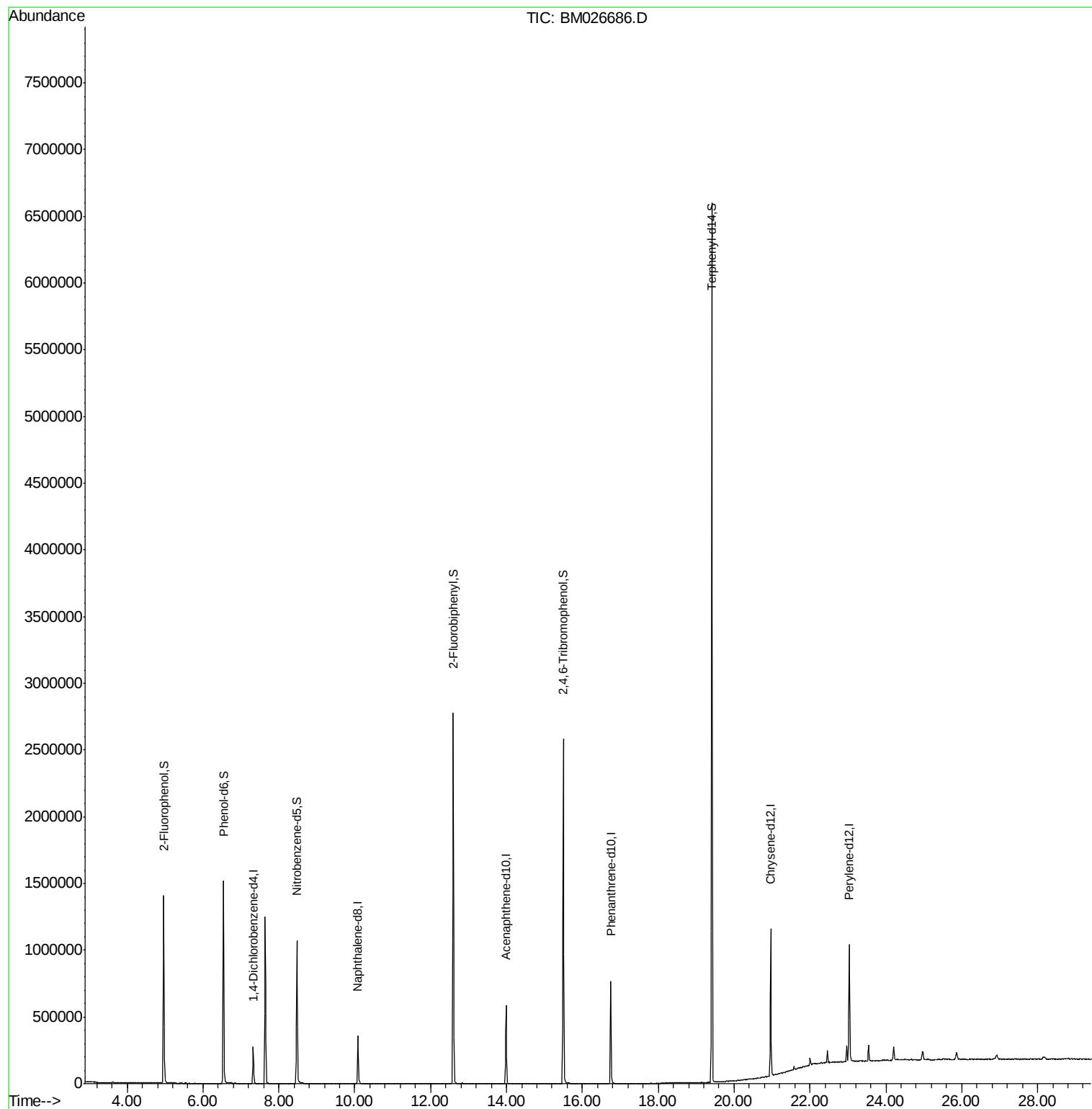
Target Compounds Qvalue

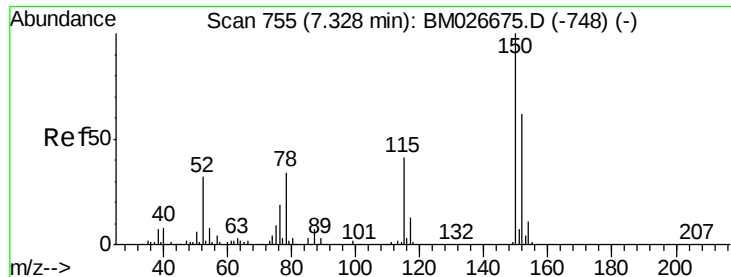
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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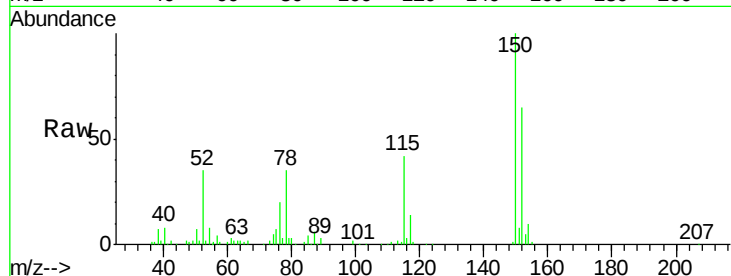


#1

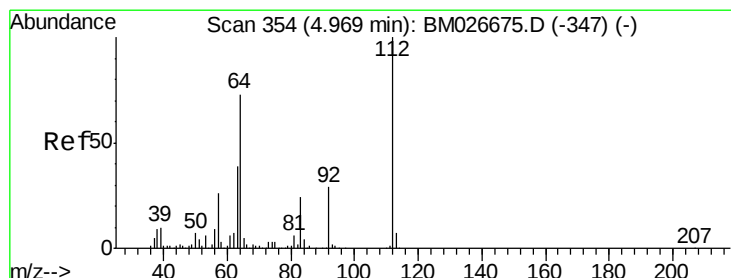
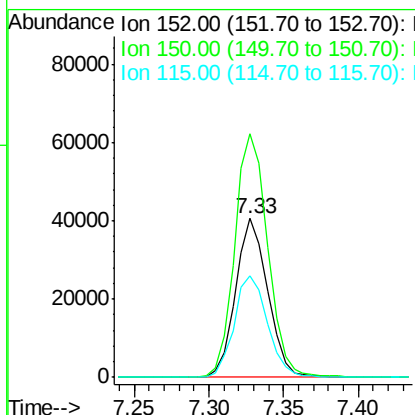
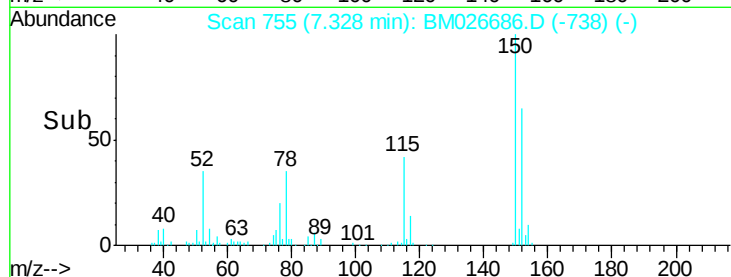
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 755
Delta R.T. -0.00 min
Lab File: BM026686.D
Acq: 07 Jul 2020 20:54

Instrument :
BNA_M
ClientSampleId :
PB129955BL

Tot Ion:152 Resp: 60993
Ion Ratio Lower Upper
152 100
150 153.1 128.1 192.1
115 63.6 52.2 78.4



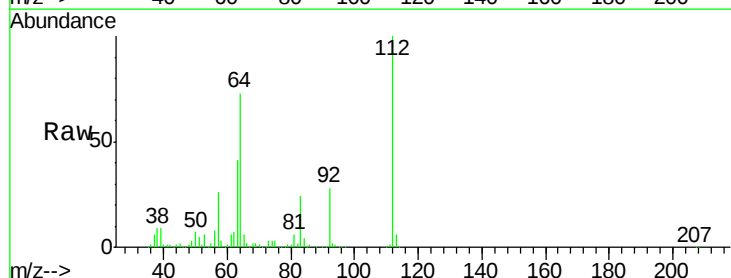
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



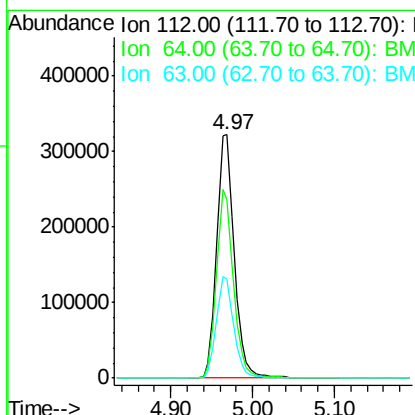
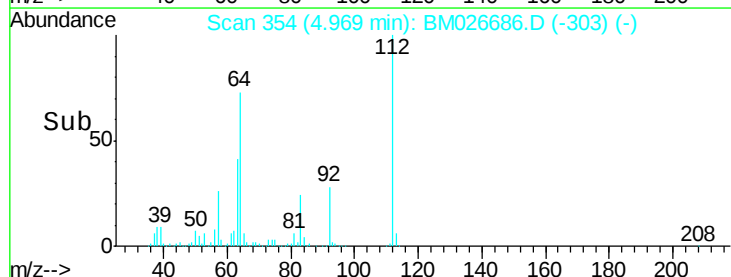
#5

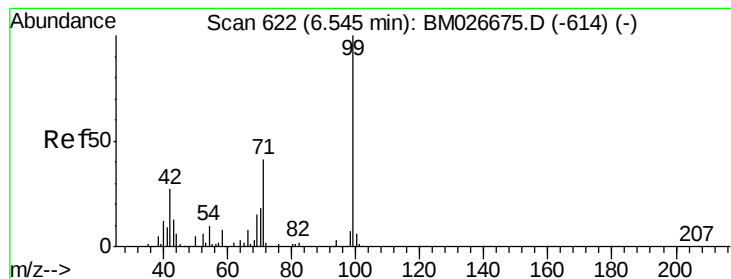
2-Fluorophenol
Concen: 134.069 ng
RT: 4.97 min Scan# 354
Delta R.T. -0.00 min
Lab File: BM026686.D
Acq: 07 Jul 2020 20:54

Tgt Ion:112 Resp: 487878
Ion Ratio Lower Upper
112 100
64 73.1 58.4 87.6
63 40.9 31.5 47.3



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: 117.038 ng

RT: 6.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BM026686.D

Acq: 07 Jul 2020 20:54

Instrument :

BNA_M

ClientSampleId :

PB129955BL

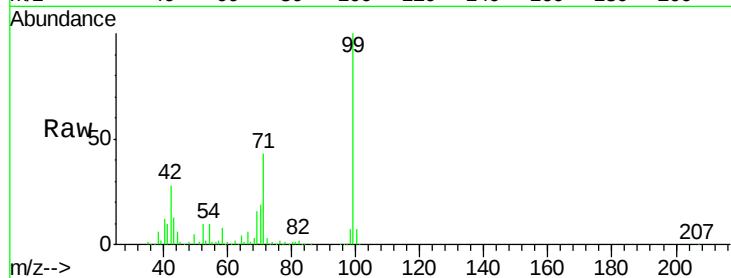
Tot Ion: 99 Resp: 678570

Ion Ratio Lower Upper

99 100

42 27.9 21.7 32.5

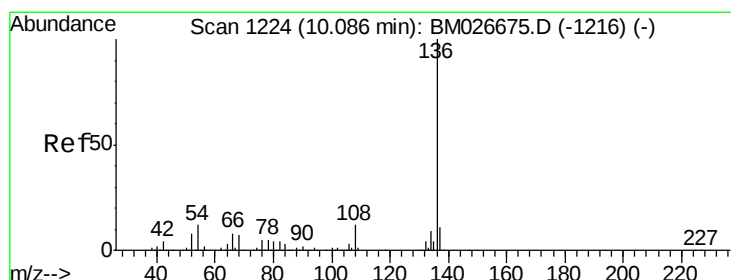
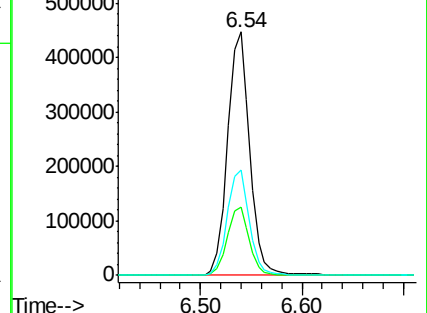
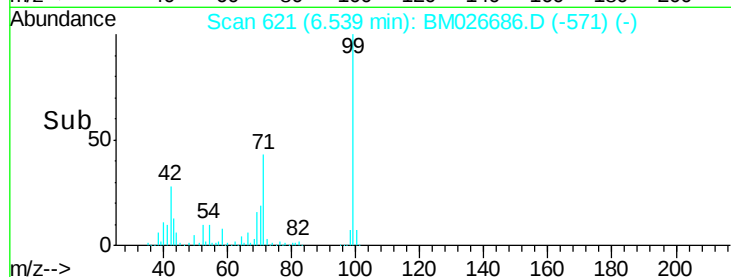
71 43.4 33.2 49.8



Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM026675.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM026675.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.09 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BM026686.D

Acq: 07 Jul 2020 20:54

Tgt Ion: 136 Resp: 269360

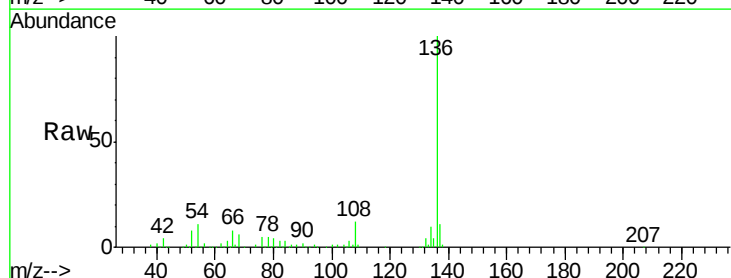
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 11.5 9.8 14.6

68 6.5 5.8 8.6

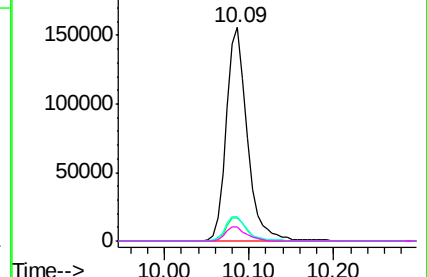
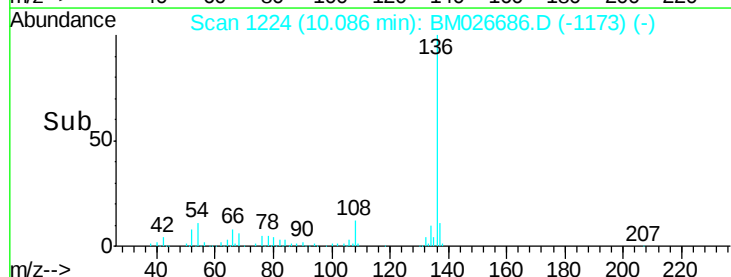


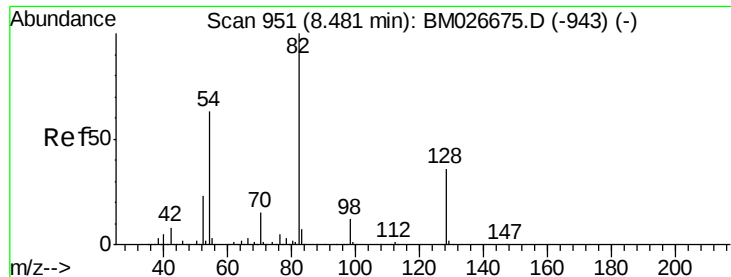
Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

Ion 137.00 (136.70 to 137.70): BM026675.D (-1216) (-)

Ion 54.00 (53.70 to 54.70): BM026675.D (-1216) (-)

Ion 68.00 (67.70 to 68.70): BM026675.D (-1216) (-)

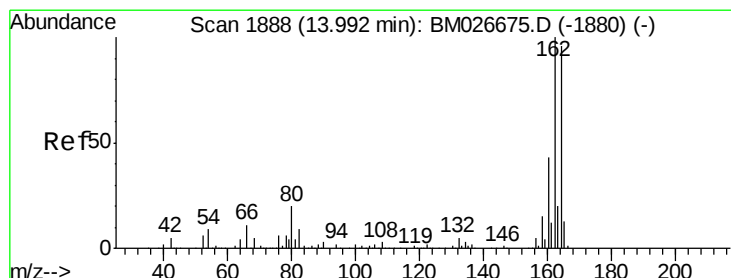
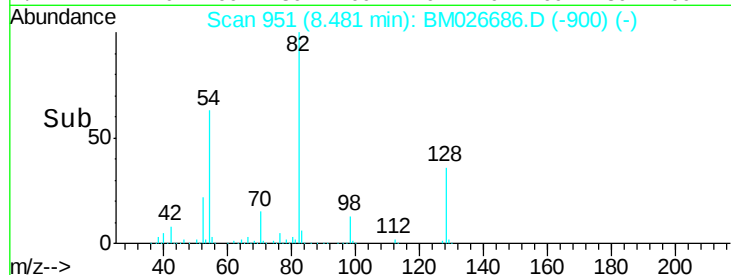
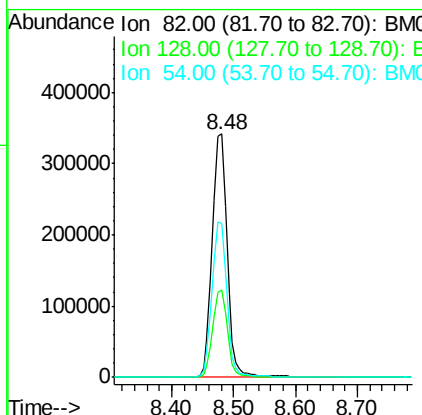
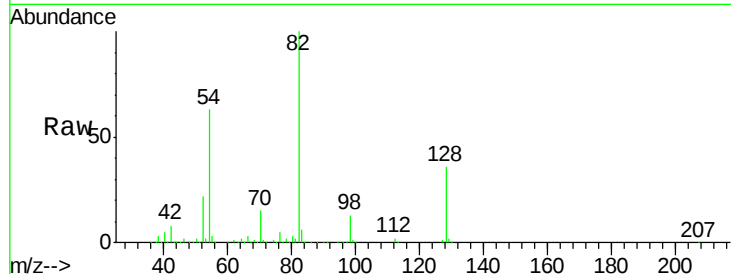




#23
Nitrobenzene-d5
Concen: 90.434 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.00 min
Lab File: BM026686.D
Acq: 07 Jul 2020 20:54

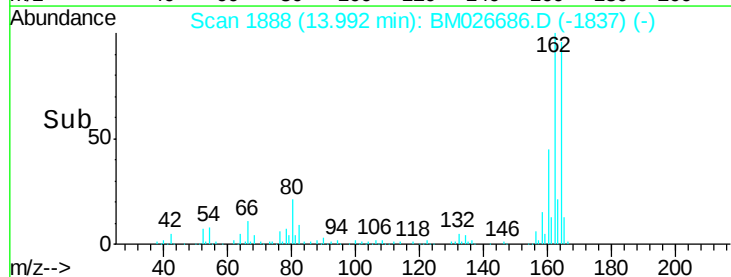
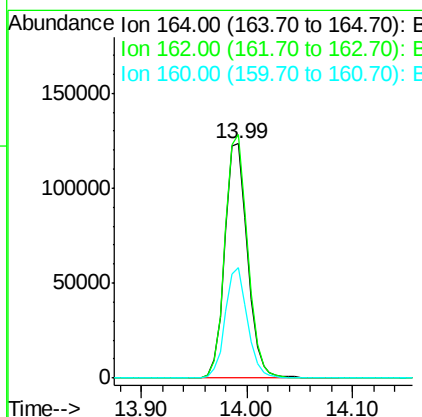
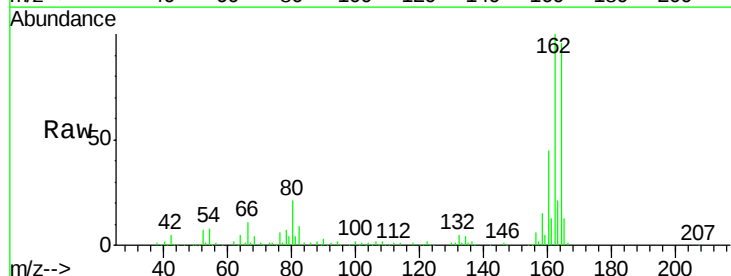
Instrument :
BNA_M
ClientSampleId :
PB129955BL

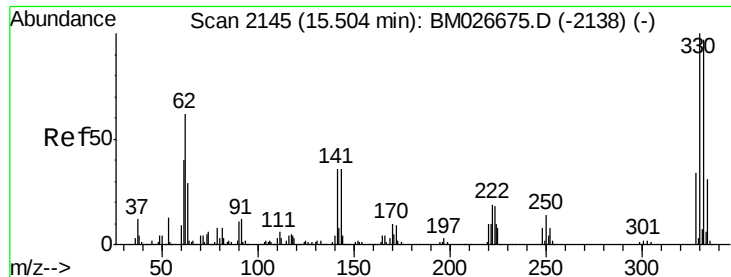
Tot Ion: 82 Resp: 570969
Ion Ratio Lower Upper
82 100
128 36.0 29.1 43.7
54 63.3 50.2 75.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.99 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BM026686.D
Acq: 07 Jul 2020 20:54

Tgt Ion: 164 Resp: 184789
Ion Ratio Lower Upper
164 100
162 103.8 83.7 125.5
160 47.0 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 137.108 ng

RT: 15.50 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BM026686.D

Acq: 07 Jul 2020 20:54

Instrument :

BNA_M

ClientSampleId :

PB129955BL

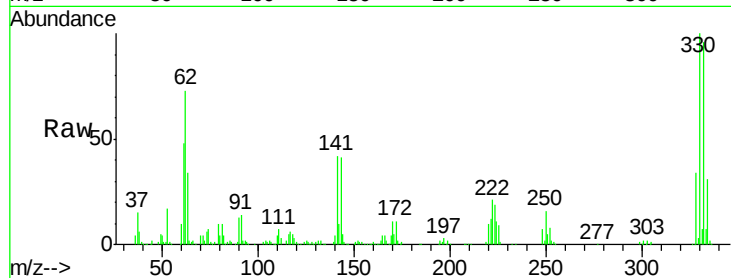
Tot Ion:330 Resp: 369068

Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

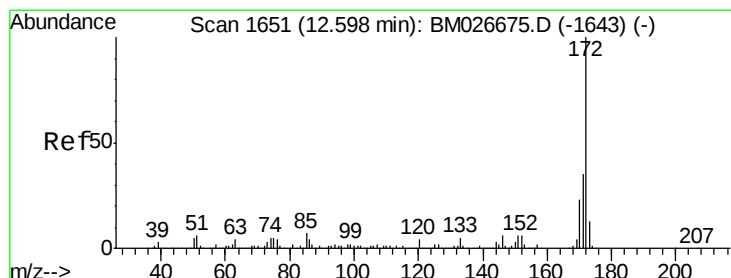
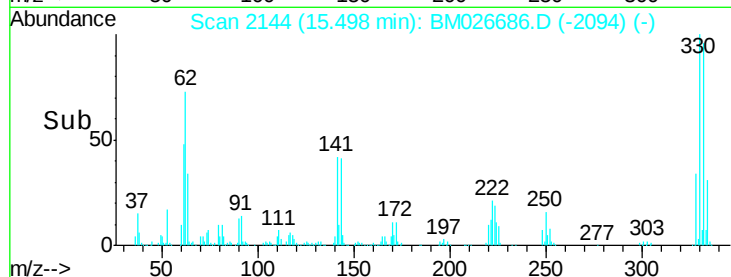
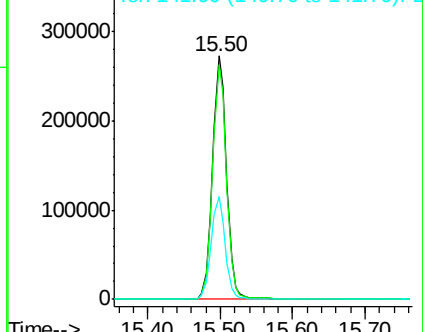
141 42.2 32.4 48.6



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: 90.488 ng

RT: 12.60 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BM026686.D

Acq: 07 Jul 2020 20:54

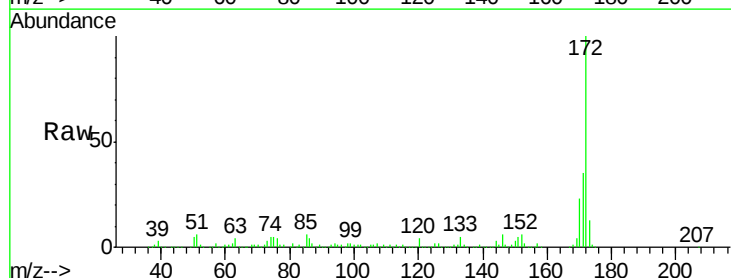
Tgt Ion:172 Resp: 1257576

Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.6

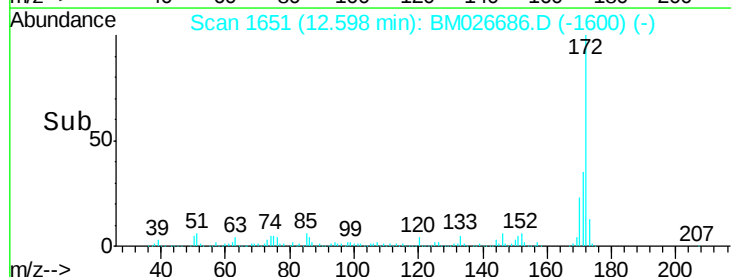
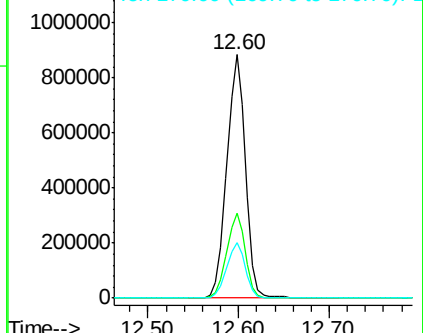
170 23.0 18.5 27.7

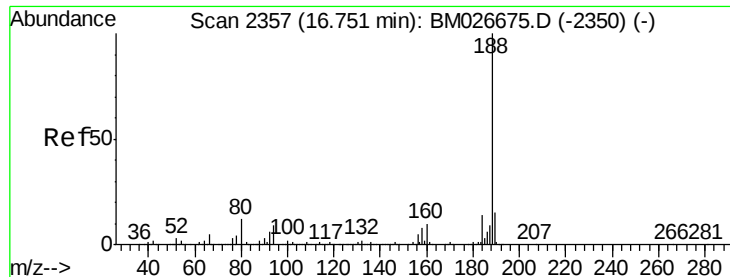


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM026686.D

Acq: 07 Jul 2020 20:54

Instrument :

BNA_M

ClientSampleId :

PB129955BL

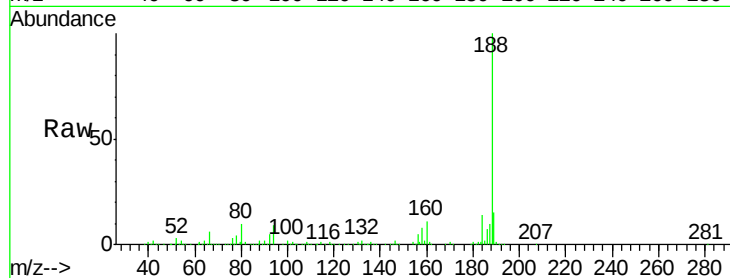
Tot Ion:188 Resp: 430411

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.0

80 10.2 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

400000

300000

200000

100000

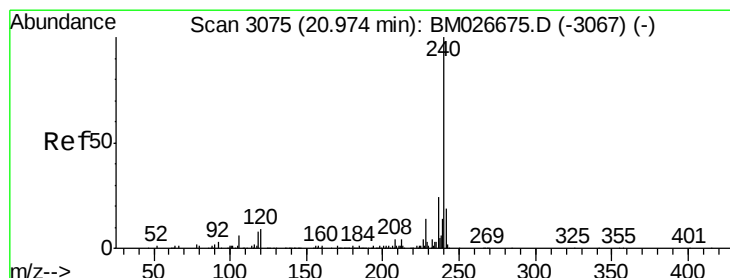
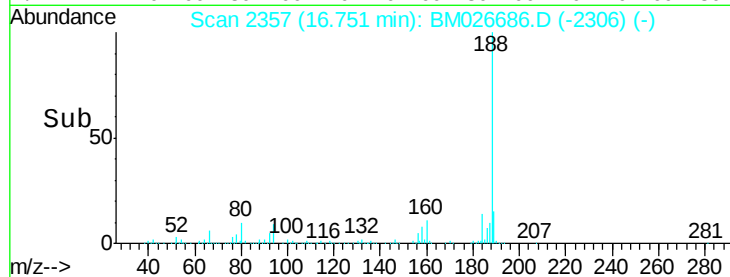
0

16.75

16.80

16.90

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM026686.D

Acq: 07 Jul 2020 20:54

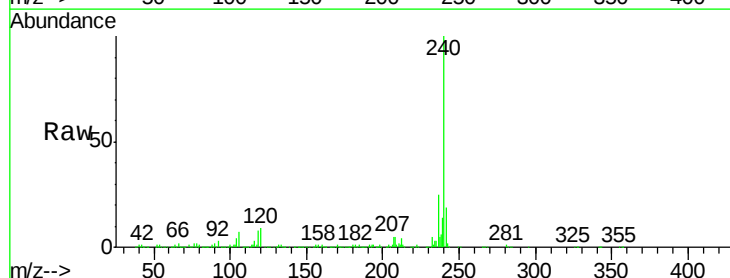
Tgt Ion:240 Resp: 497163

Ion Ratio Lower Upper

240 100

120 8.8 7.3 10.9

236 25.3 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

500000

400000

300000

200000

100000

0

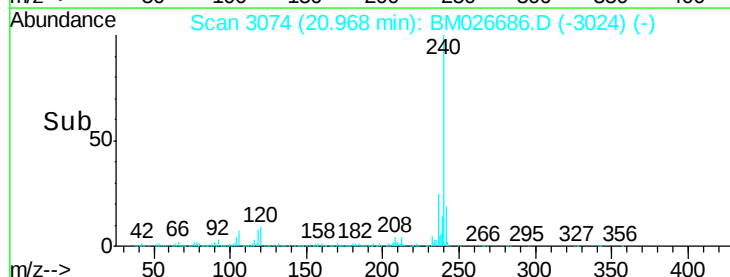
20.97

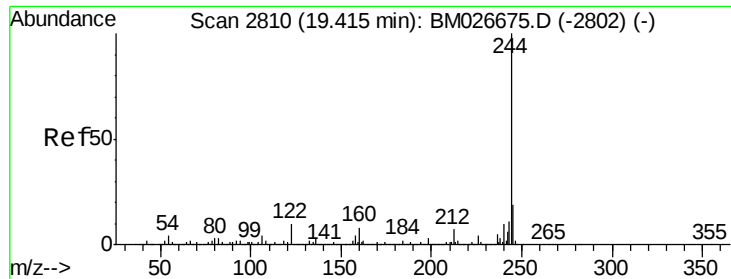
20.90

21.00

21.10

Time-->





#79

Terphenyl-d14

Concen: 105.030 ng

RT: 19.42 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BM026686.D

Acq: 07 Jul 2020 20:54

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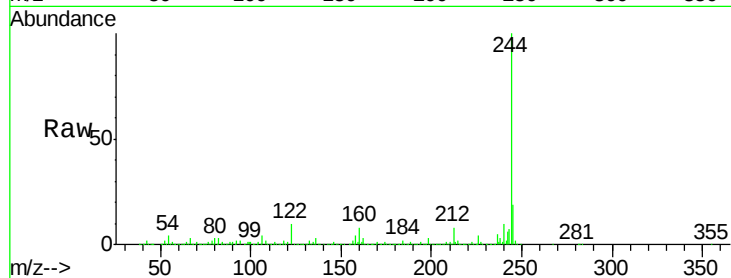
Tot Ion:244 Resp: 2653283

Ion Ratio Lower Upper

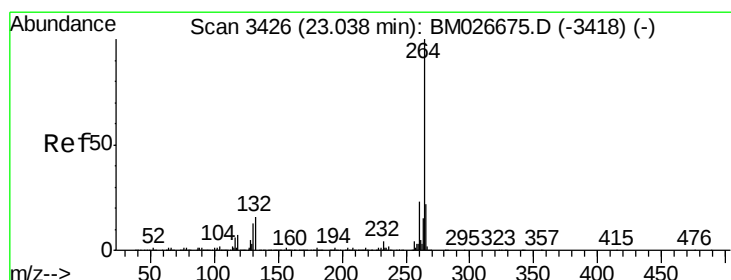
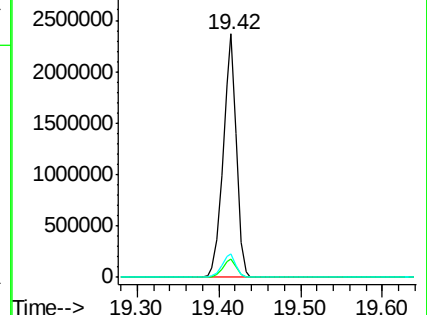
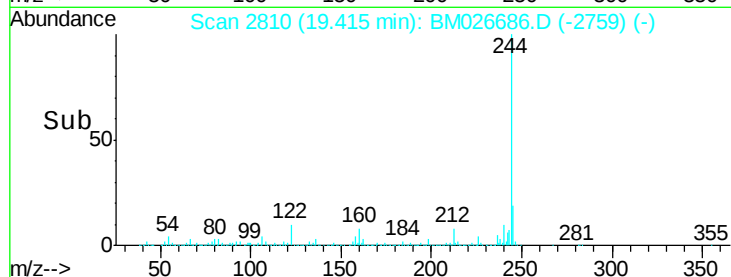
244 100

212 7.7 5.9 8.9

122 9.7 8.2 12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.04 min Scan# 3426

Delta R.T. -0.00 min

Lab File: BM026686.D

Acq: 07 Jul 2020 20:54

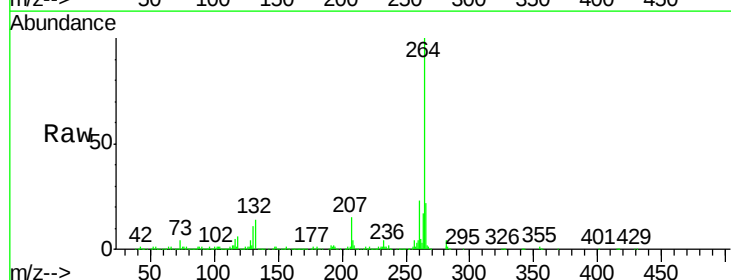
Tgt Ion:264 Resp: 532954

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.9 17.6 26.4



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

