

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\
 Data File : BM026388.D
 Acq On : 15 Jun 2020 13:07
 Operator : JU/CG
 Sample : PB129537BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129537BL

Quant Time: Jun 15 14:06:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 12:22:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	91990	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	361393	20.00	ng	0.00
39) Acenaphthene-d10	14.06	164	221552	20.00	ng	0.00
64) Phenanthrene-d10	16.82	188	479788	20.00	ng	0.00
76) Chrysene-d12	21.02	240	508612	20.00	ng	0.00
86) Perylene-d12	23.12	264	548396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	958789	184.28	ng	0.00
7) Phenol-d6	6.61	99	1290018	171.22	ng	0.00
23) Nitrobenzene-d5	8.55	82	907858	123.34	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	548553	204.40	ng	0.00
45) 2-Fluorobiphenyl	12.67	172	1864449	127.74	ng	0.00
79) Terphenyl-d14	19.47	244	3375667	128.84	ng	0.00

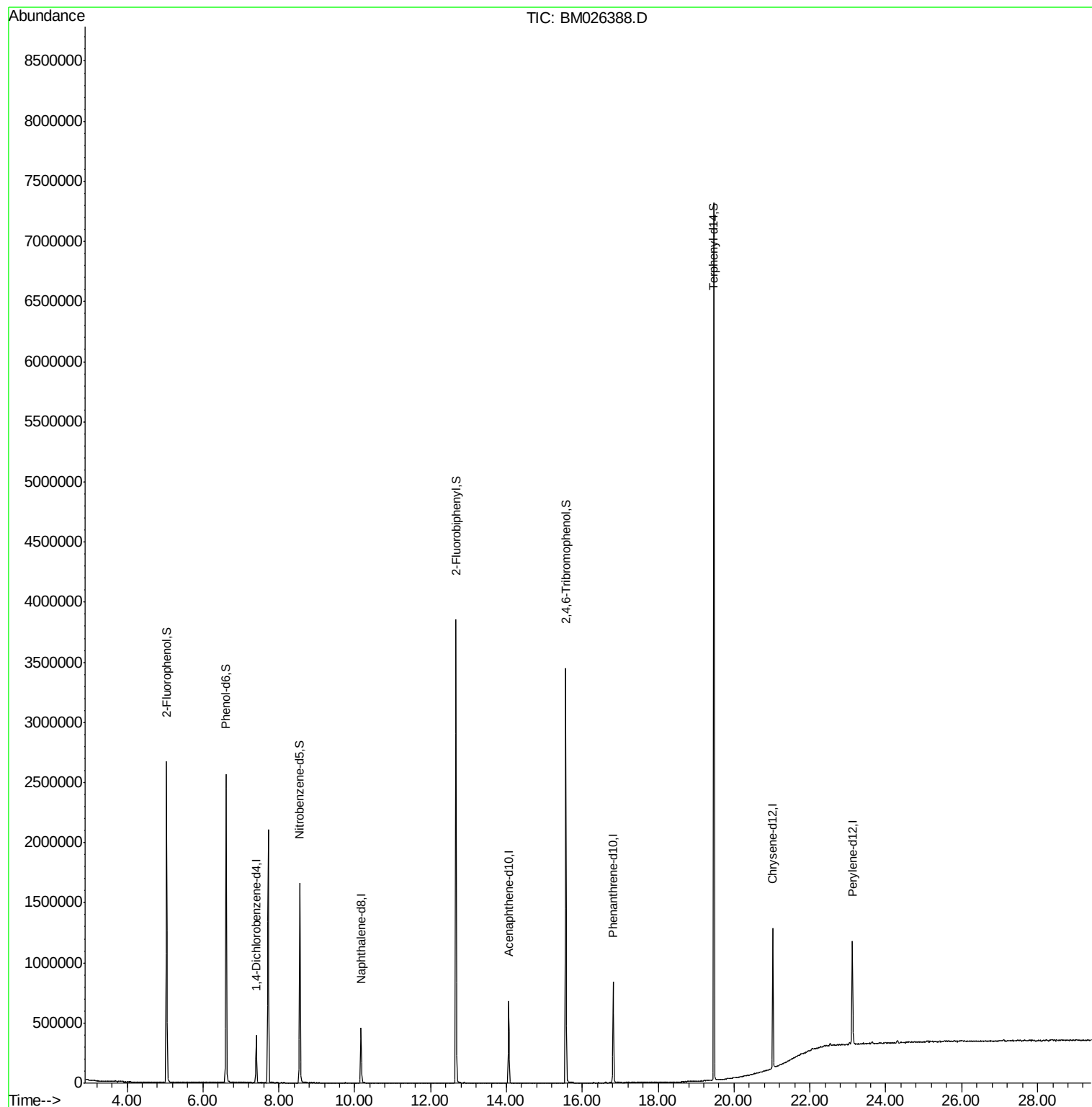
Target Compounds Qvalue

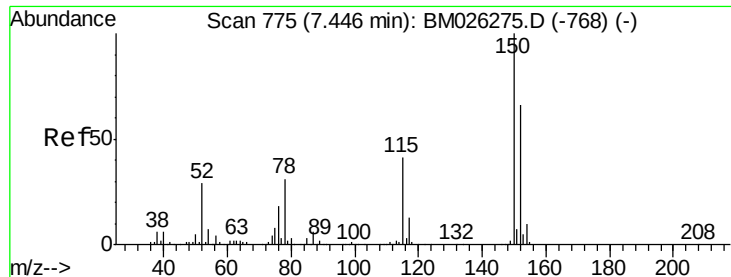
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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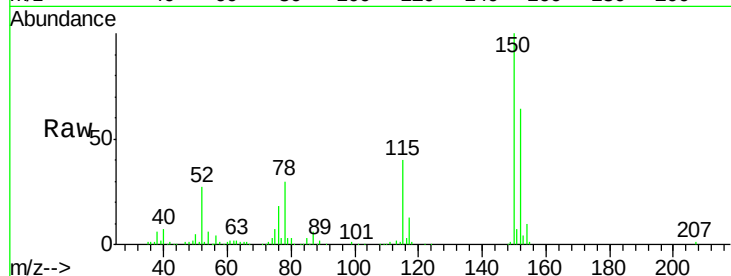


#1

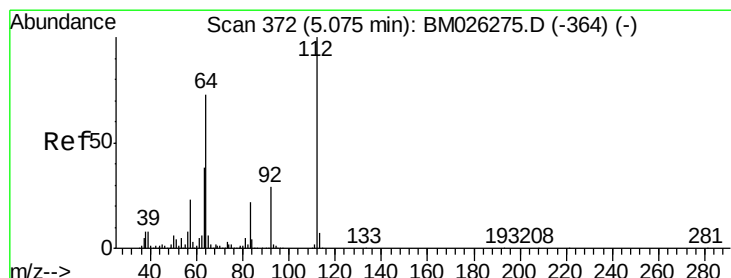
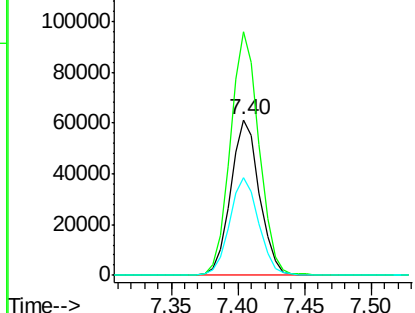
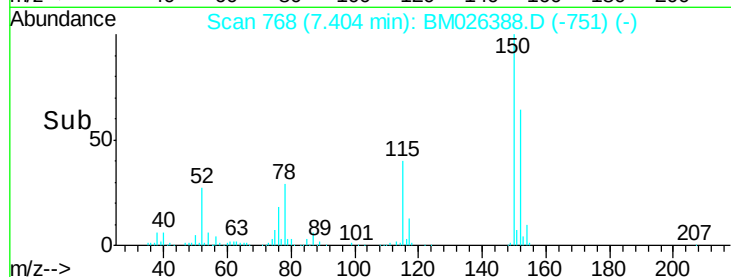
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM026388.D
Acq: 15 Jun 2020 13:07

Instrument :
BNA_M
ClientSampleId :
PB129537BL

Tot Ion:152 Resp: 91990
Ion Ratio Lower Upper
152 100
150 156.2 127.8 191.6
115 62.6 51.5 77.3



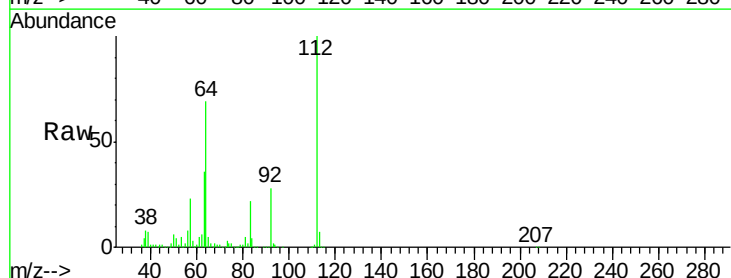
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



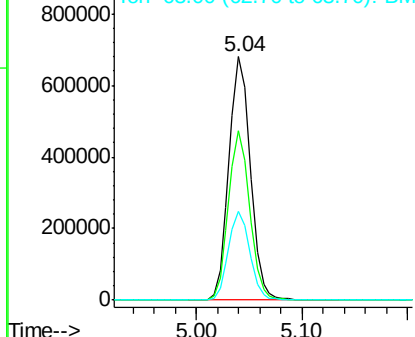
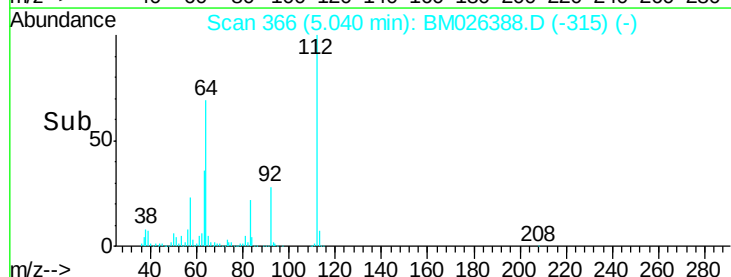
#5

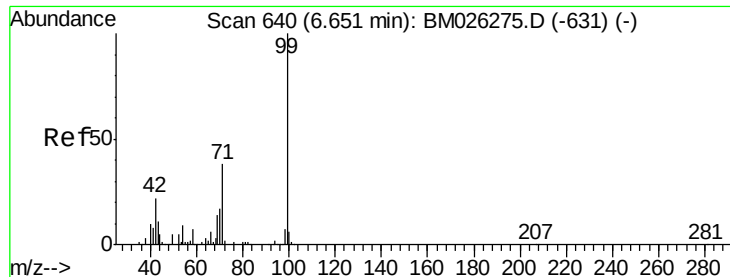
2-Fluorophenol
Concen: 184.278 ng
RT: 5.04 min Scan# 366
Delta R.T. 0.00 min
Lab File: BM026388.D
Acq: 15 Jun 2020 13:07

Tgt Ion:112 Resp: 958789
Ion Ratio Lower Upper
112 100
64 69.5 56.0 84.0
63 36.2 29.0 43.6



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: 171.223 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

Instrument :

BNA_M

ClientSampled :

PB129537BL

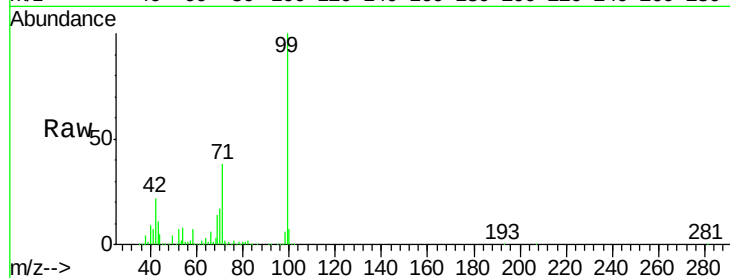
Tot Ion: 99 Resp: 1290018

Ion Ratio Lower Upper

99 100

42 21.7 17.8 26.6

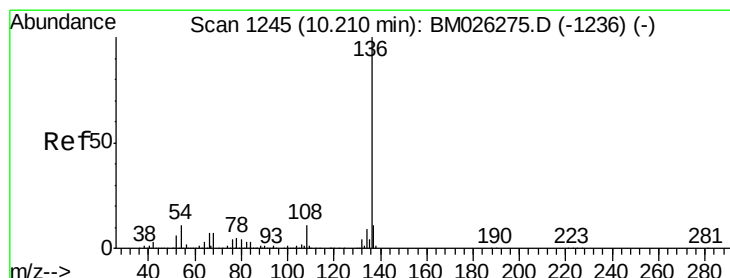
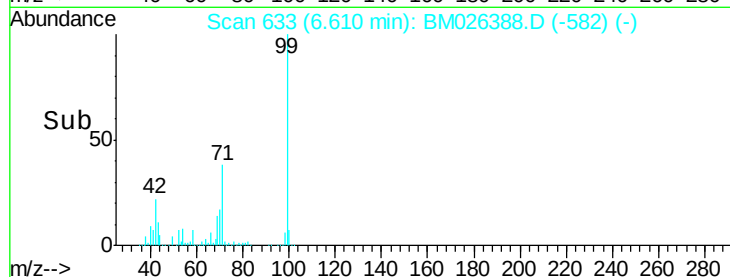
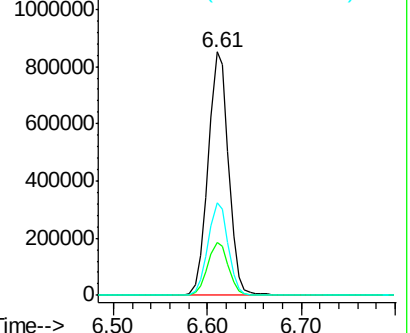
71 37.9 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026275.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026275.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026275.D (-631) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.16 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

Tgt Ion: 136 Resp: 361393

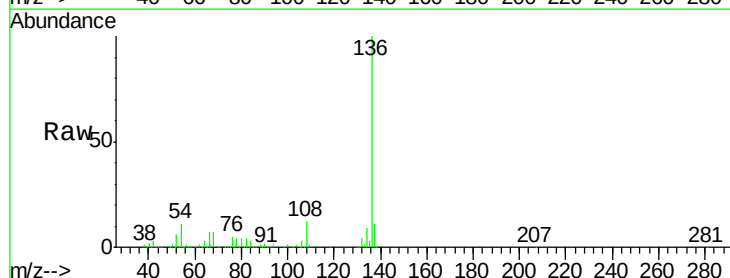
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.9 9.0 13.6

68 6.7 5.6 8.4

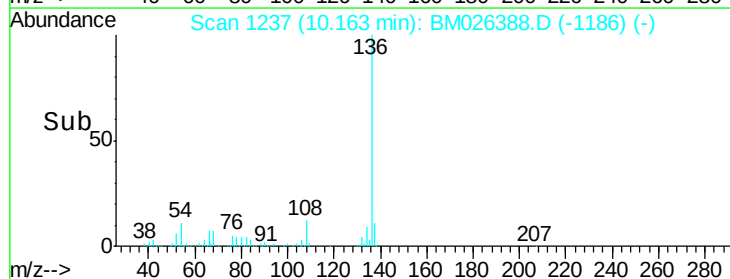
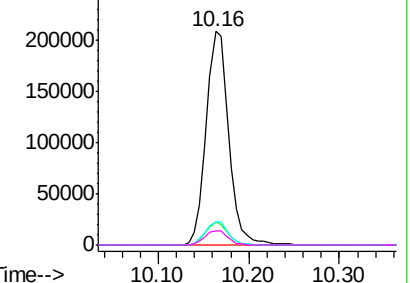


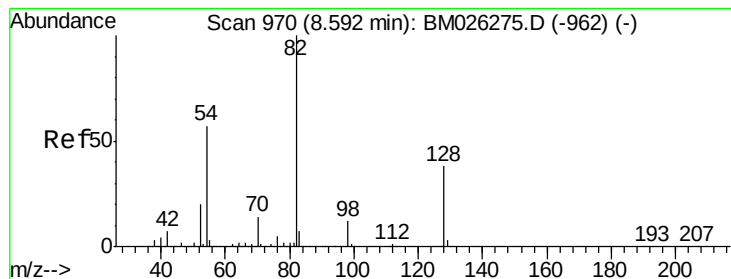
Abundance Ion 136.00 (135.70 to 136.70): BM026275.D (-1236) (-)

Ion 137.00 (136.70 to 137.70): BM026275.D (-1236) (-)

Ion 54.00 (53.70 to 54.70): BM026275.D (-1236) (-)

Ion 68.00 (67.70 to 68.70): BM026275.D (-1236) (-)





#23

Nitrobenzene-d5

Concen: 123.344 ng

RT: 8.55 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

Instrument :

BNA_M

ClientSampleId :

PB129537BL

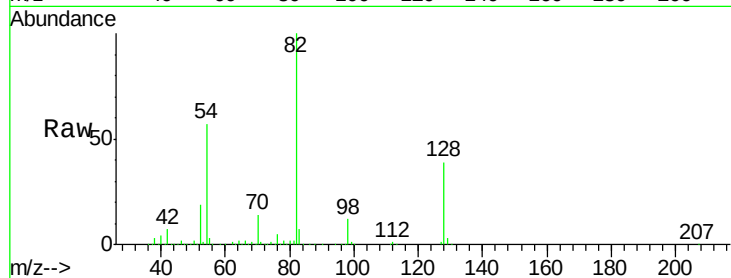
Tot Ion: 82 Resp: 907858

Ion Ratio Lower Upper

82 100

128 38.8 31.0 46.6

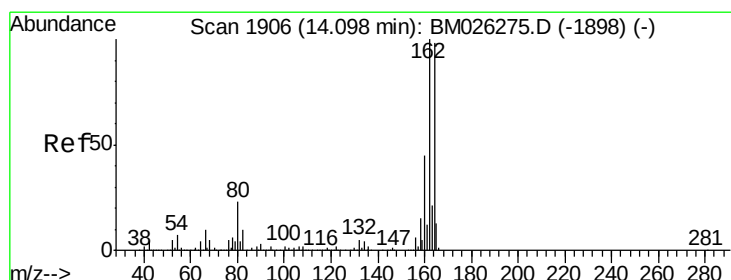
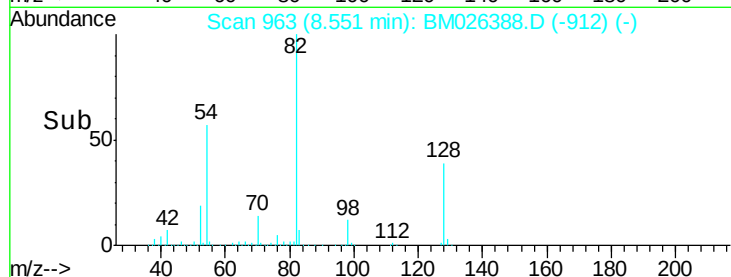
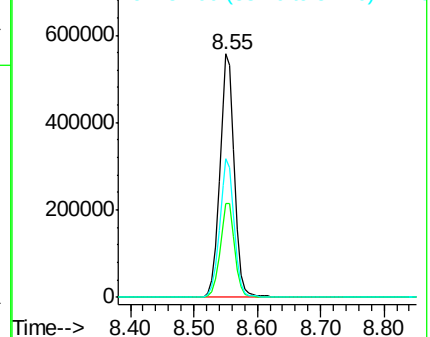
54 56.7 45.4 68.2



Abundance Ion 82.00 (81.70 to 82.70): BM026275.D (-962) (-)

Ion 128.00 (127.70 to 128.70): BM026275.D (-962) (-)

Ion 54.00 (53.70 to 54.70): BM026275.D (-962) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.06 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

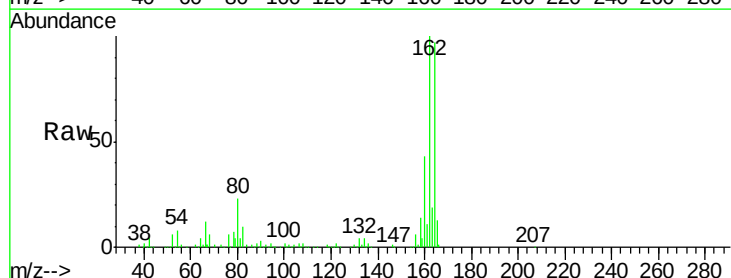
Tgt Ion:164 Resp: 221552

Ion Ratio Lower Upper

164 100

162 102.8 77.7 116.5

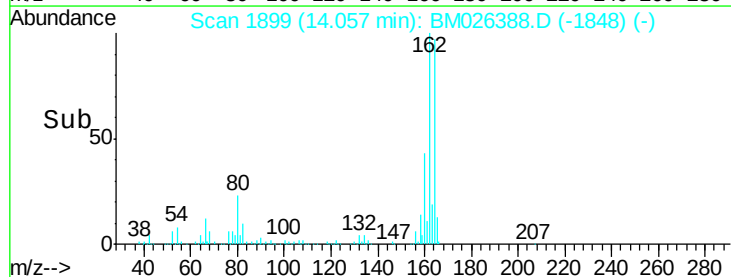
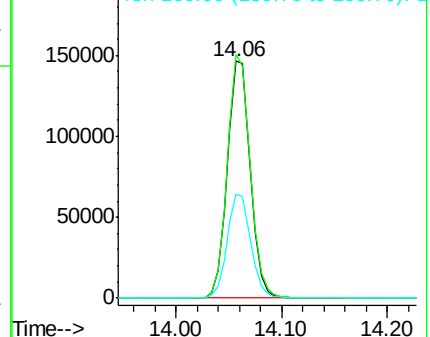
160 44.2 34.2 51.2

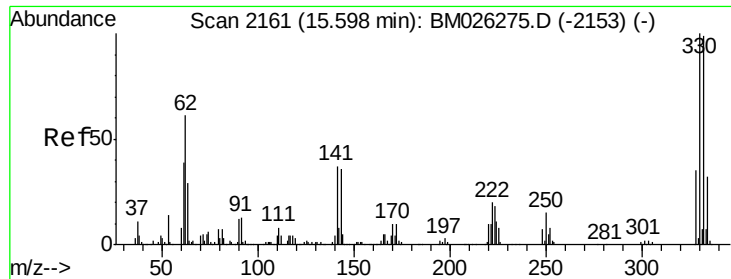


Abundance Ion 164.00 (163.70 to 164.70): BM026275.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM026275.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM026275.D (-1898) (-)





#42

2,4,6-Tribromophenol

Concen: 204.396 ng

RT: 15.56 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

Instrument :

BNA_M

ClientSampleId :

PB129537BL

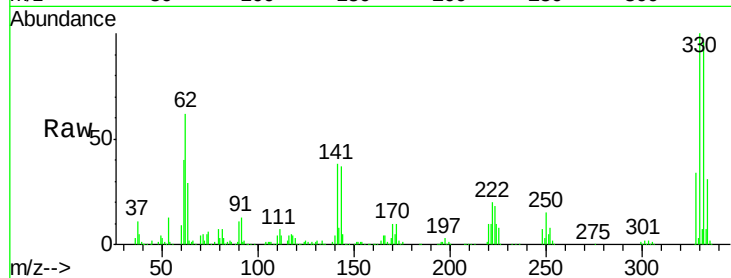
Tot Ion:330 Resp: 548553

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

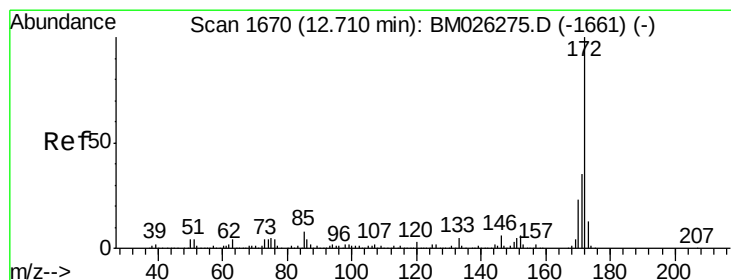
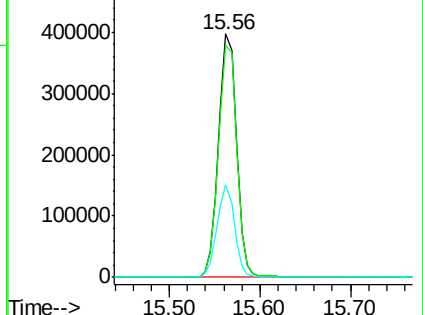
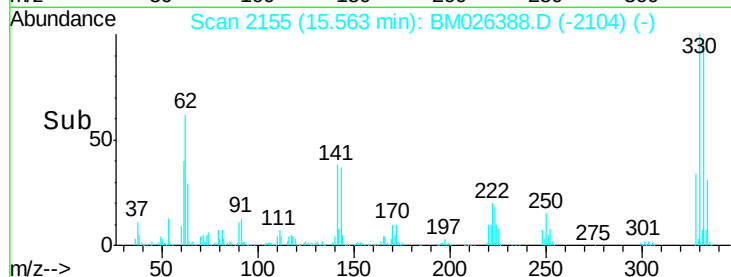
141 36.9 29.7 44.5



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: 127.743 ng

RT: 12.67 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

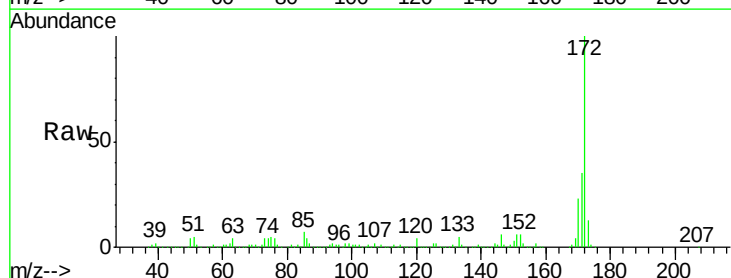
Tgt Ion:172 Resp: 1864449

Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

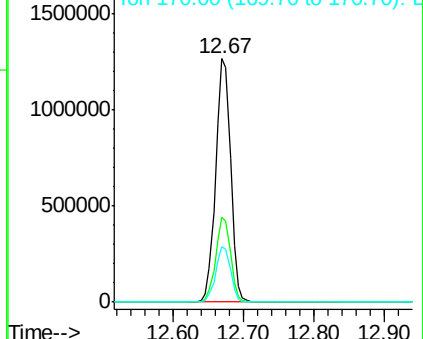
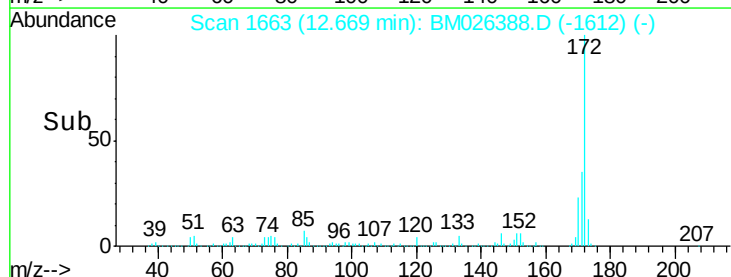
170 22.8 18.2 27.4

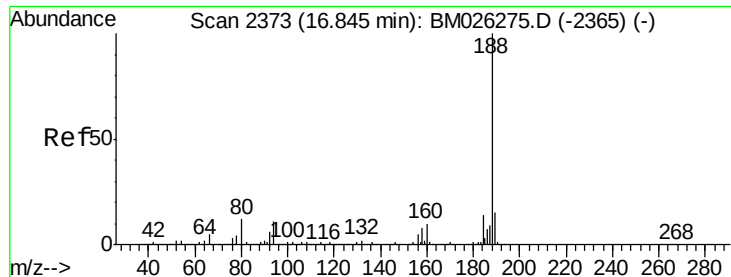


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.82 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

Instrument :

BNA_M

ClientSampleId :

PB129537BL

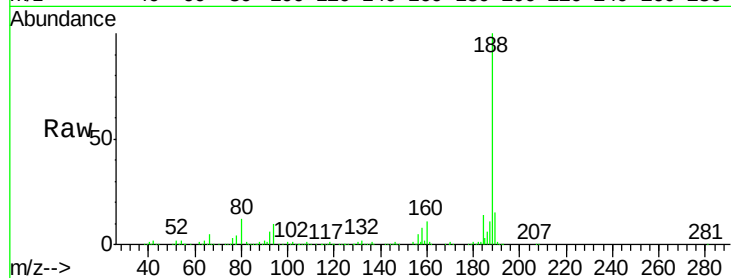
Tot Ion:188 Resp: 479788

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

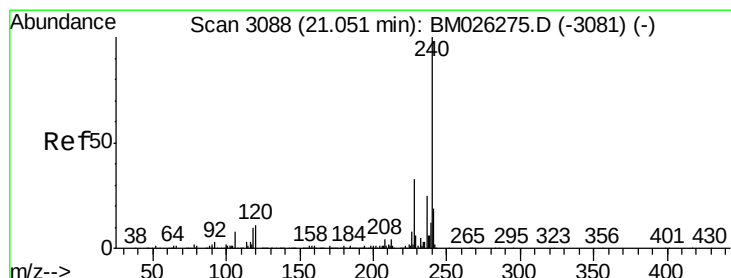
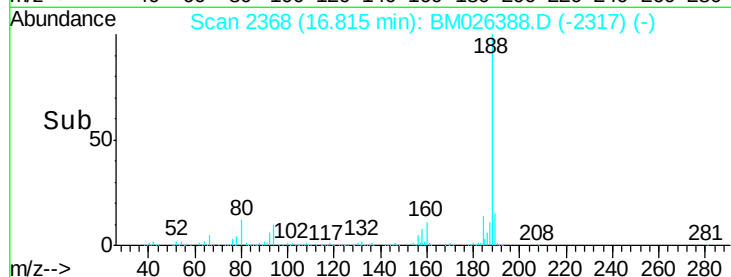
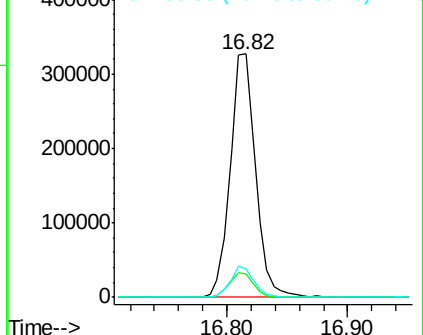
80 11.5 9.5 14.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3083

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

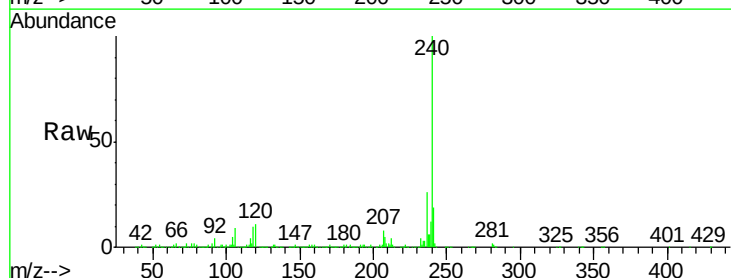
Tgt Ion:240 Resp: 508612

Ion Ratio Lower Upper

240 100

120 11.2 9.3 13.9

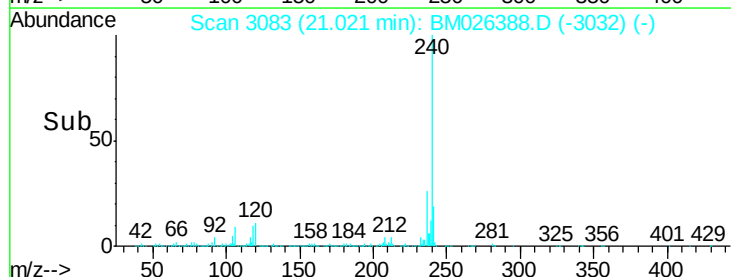
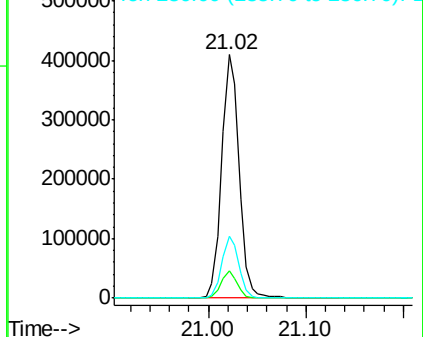
236 25.6 19.4 29.0

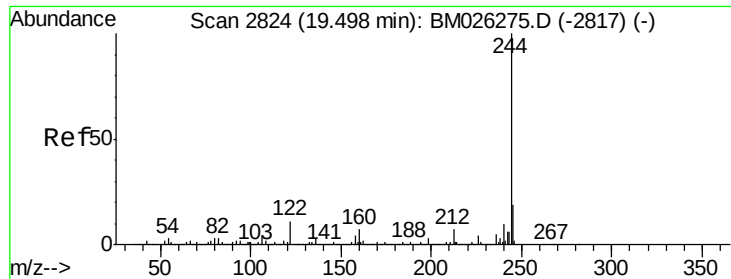


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 128.836 ng

RT: 19.47 min Scan# 2820

Delta R.T. 0.01 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

Instrument :

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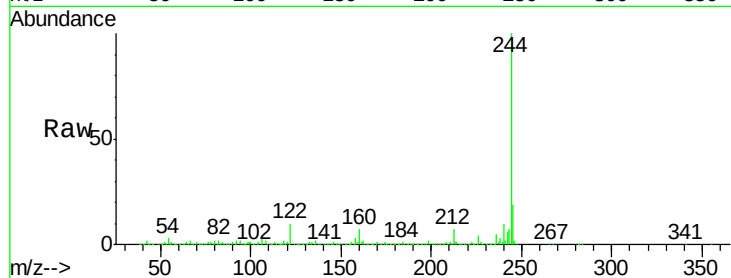
Tot Ion:244 Resp: 3375667

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

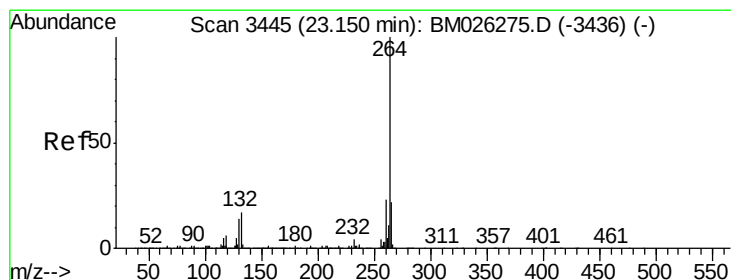
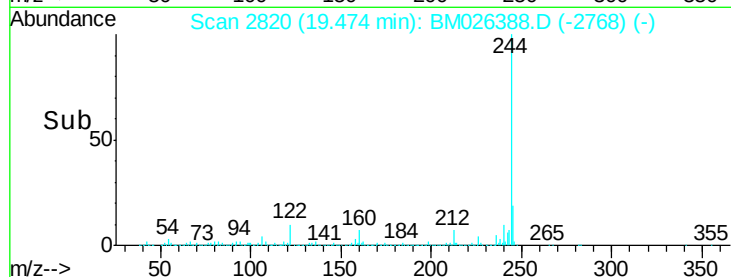
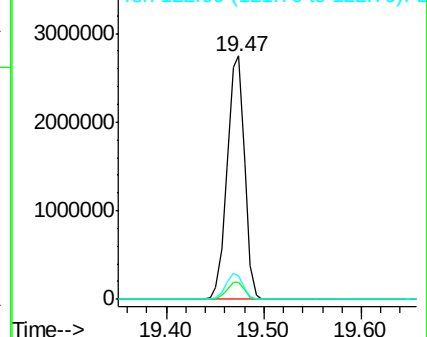
122 9.9 8.6 13.0



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: 23.12 min Scan# 3439

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

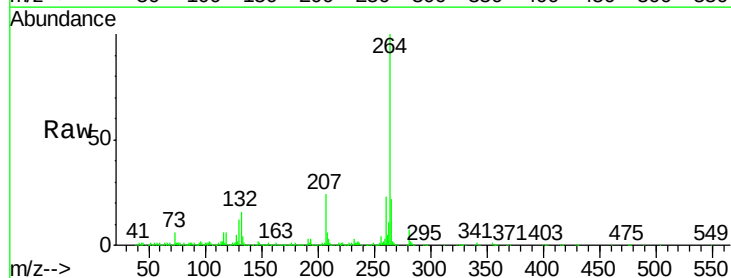
Tgt Ion:264 Resp: 548396

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 22.0 17.8 26.6



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

