

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
 Data File : BM026726.D
 Acq On : 10 Jul 2020 10:05
 Operator : JU/CG
 Sample : PB129891BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129891BL

Quant Time: Jul 10 10:46:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 10:38:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	58374	20.00	ng	0.00
21) Naphthalene-d8	10.08	136	243305	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	162013	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	383227	20.00	ng	0.00
76) Chrysene-d12	20.96	240	469213	20.00	ng	0.00
86) Perylene-d12	23.03	264	495970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	423879	121.71	ng	0.00
7) Phenol-d6	6.53	99	582609	105.00	ng	0.00
23) Nitrobenzene-d5	8.47	82	463069	81.20	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	296746	125.74	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	1010574	82.94	ng	0.00
79) Terphenyl-d14	19.41	244	2227475	93.43	ng	0.00

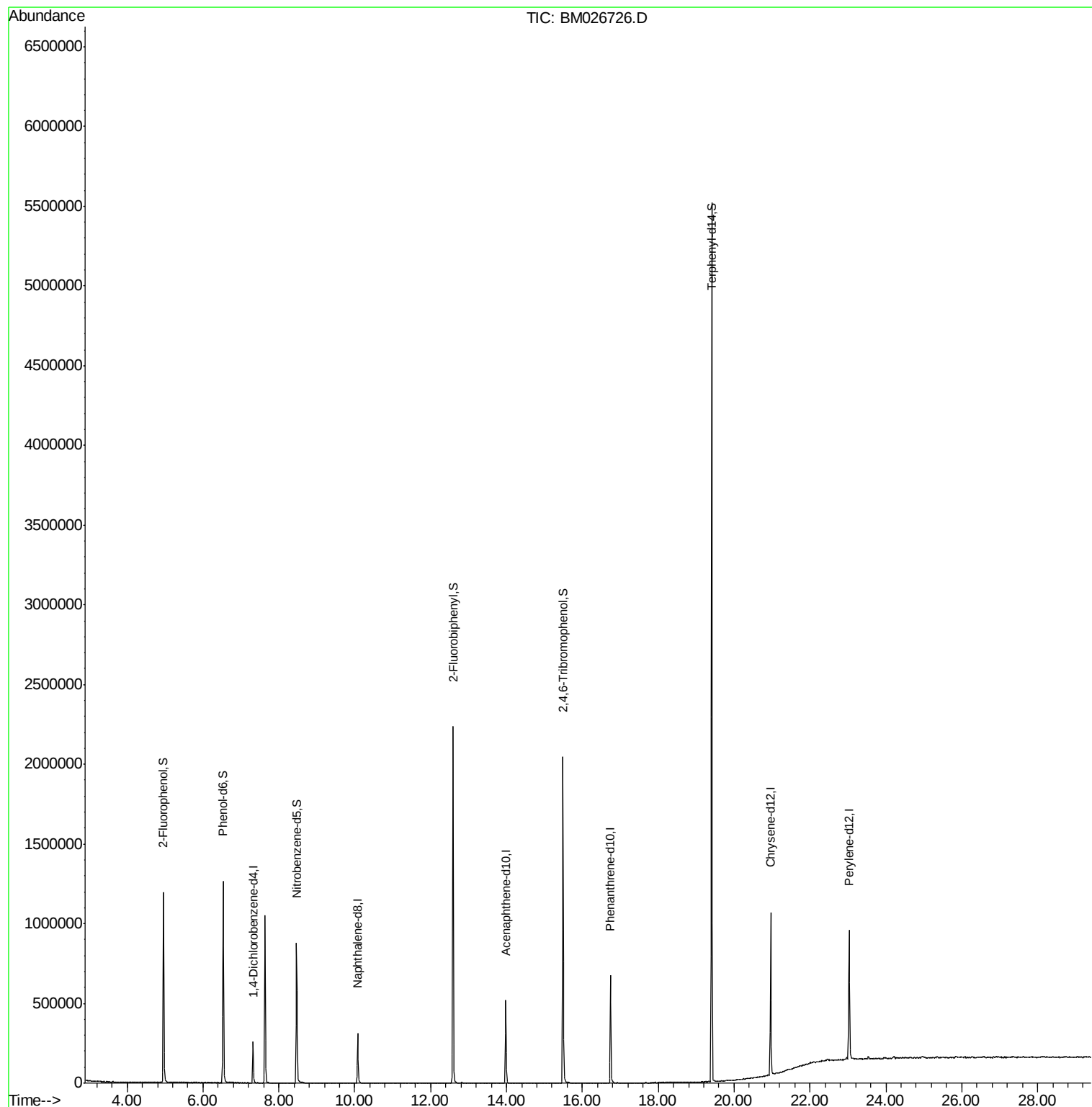
Target Compounds Qvalue

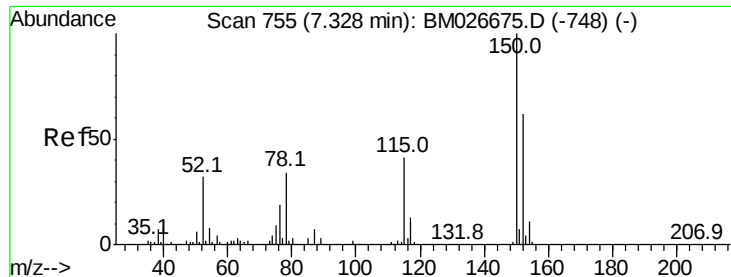
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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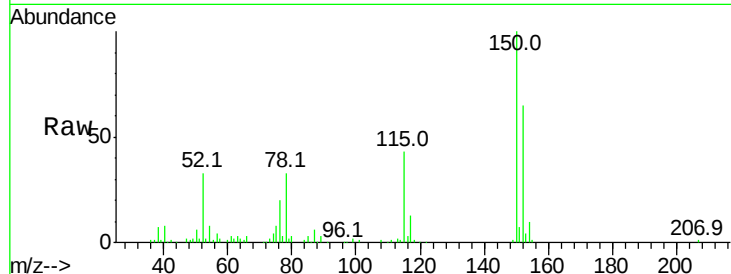


#1

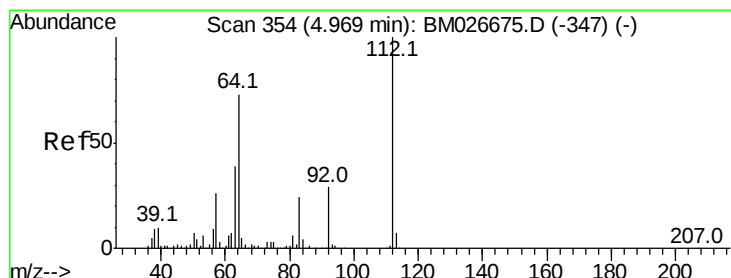
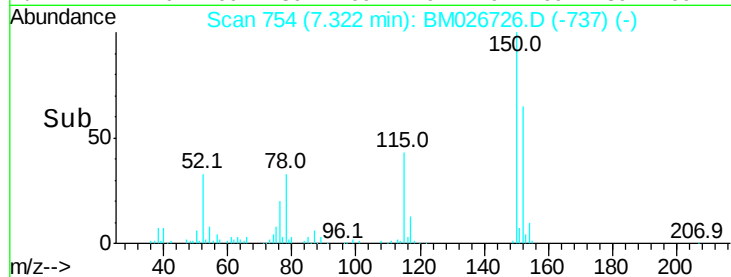
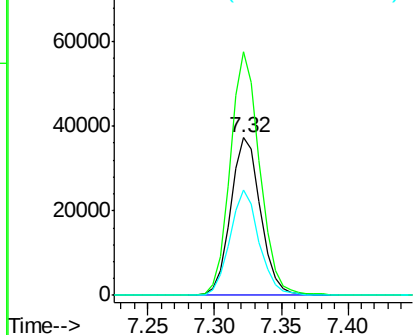
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM026726.D
Acq: 10 Jul 2020 10:05

Instrument :
BNA_M
ClientSampleId :
PB129891BL

Tot Ion:152 Resp: 58374
Ion Ratio Lower Upper
152 100
150 154.5 128.1 192.1
115 67.0 52.2 78.4



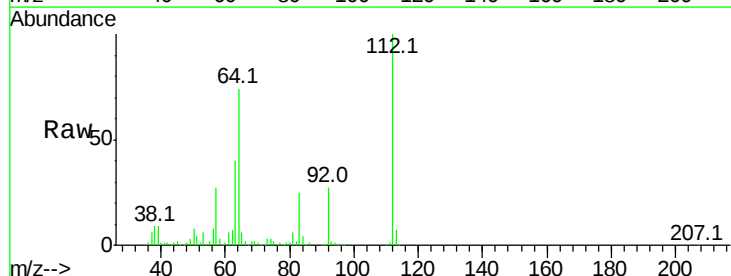
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



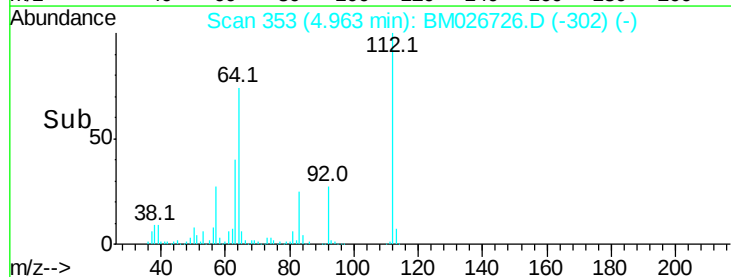
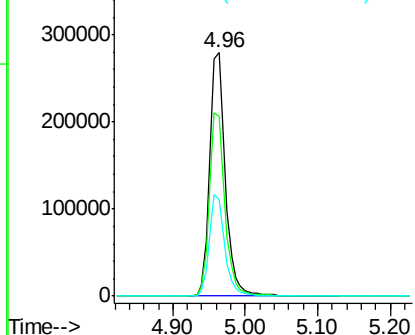
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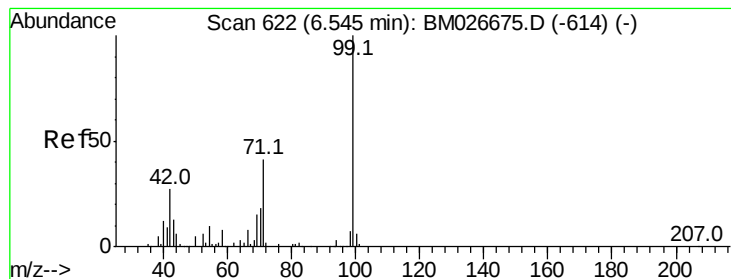
2-Fluorophenol
Concen: 121.708 ng
RT: 4.96 min Scan# 353
Delta R.T. -0.00 min
Lab File: BM026726.D
Acq: 10 Jul 2020 10:05

Tgt Ion:112 Resp: 423879
Ion Ratio Lower Upper
112 100
64 73.7 58.4 87.6
63 39.7 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: 104.996 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.00 min

Lab File: BM026726.D

Acq: 10 Jul 2020 10:05

Instrument :

BNA_M

ClientSampleId :

PB129891BL

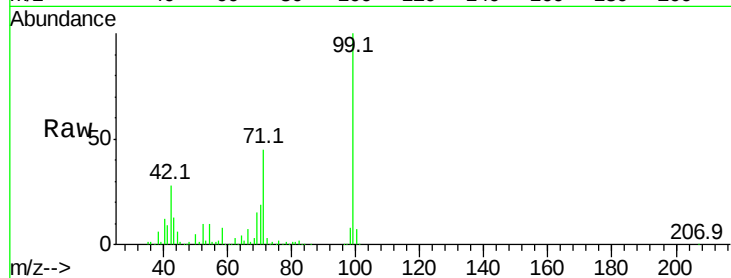
Tot Ion: 99 Resp: 582609

Ion Ratio Lower Upper

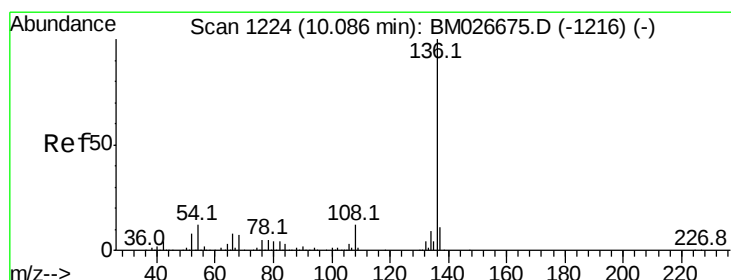
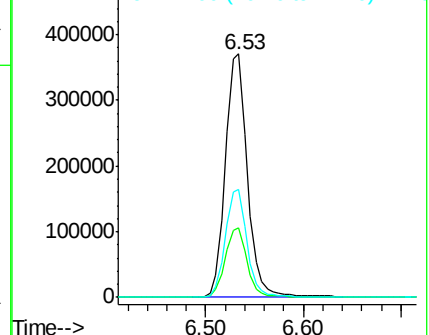
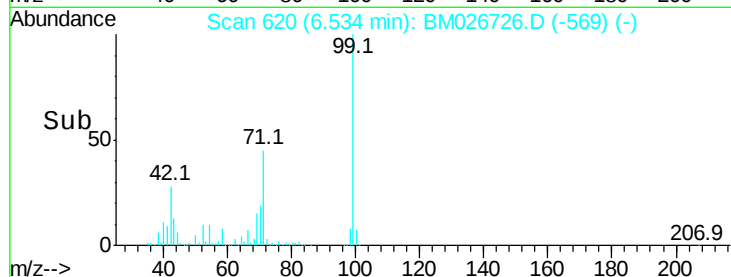
99 100

42 28.4 21.7 32.5

71 44.5 33.2 49.8



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.08 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BM026726.D

Acq: 10 Jul 2020 10:05

Tgt Ion: 136 Resp: 243305

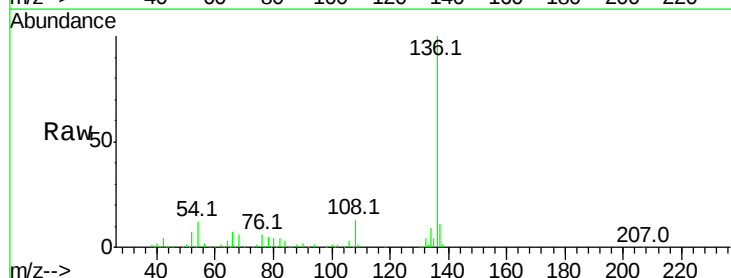
Ion Ratio Lower Upper

136 100

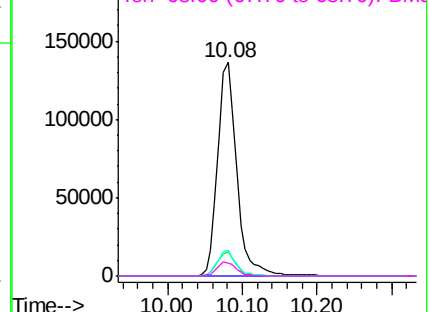
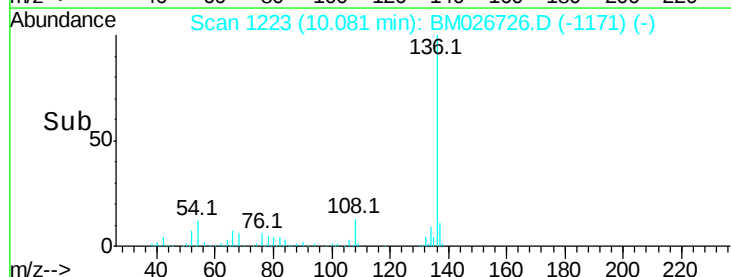
137 11.4 8.6 12.8

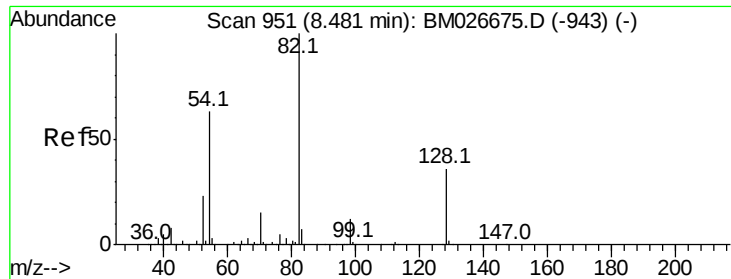
54 11.9 9.8 14.6

68 6.2 5.8 8.6



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): BM0
Ion 68.00 (67.70 to 68.70): BM0

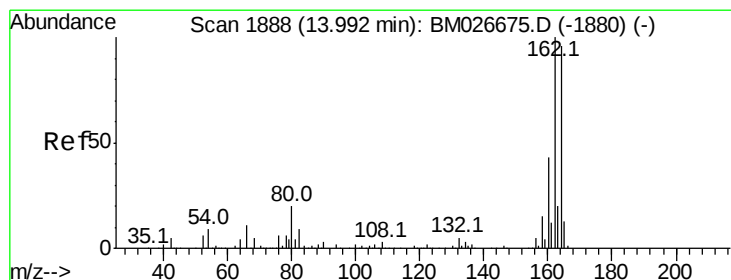
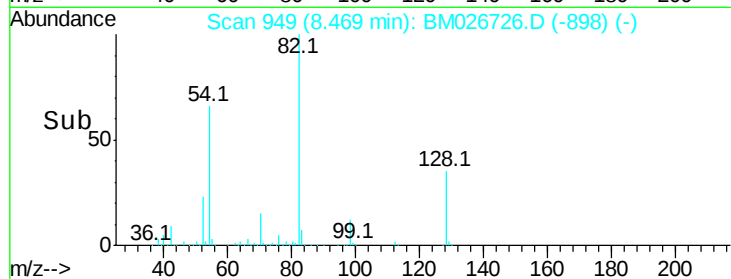
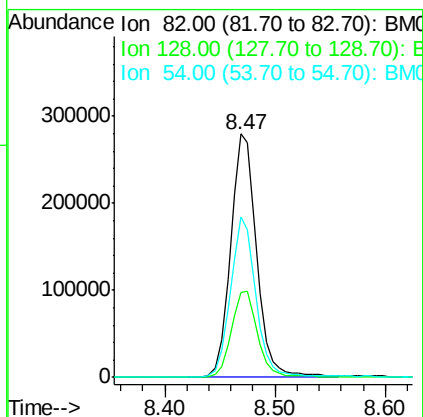
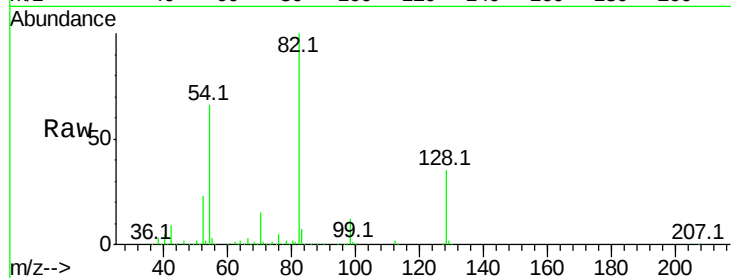




#23
Nitrobenzene-d5
Concen: 81.198 ng
RT: 8.47 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM026726.D
Acq: 10 Jul 2020 10:05

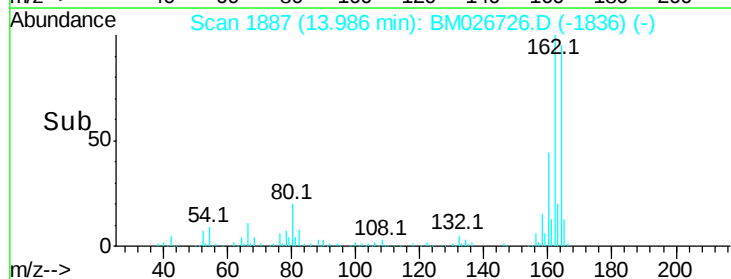
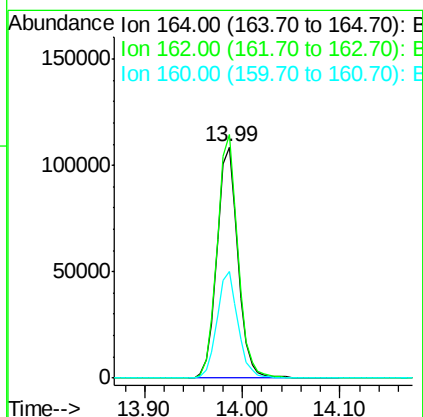
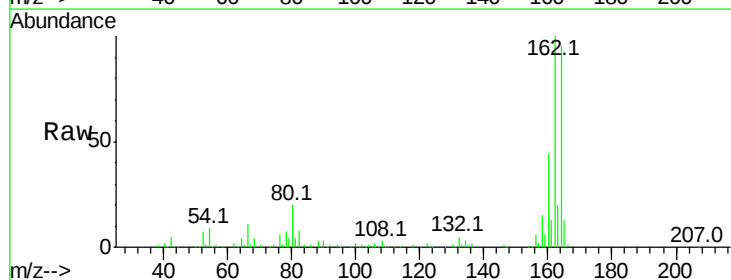
Instrument :
BNA_M
ClientSampleId :
PB129891BL

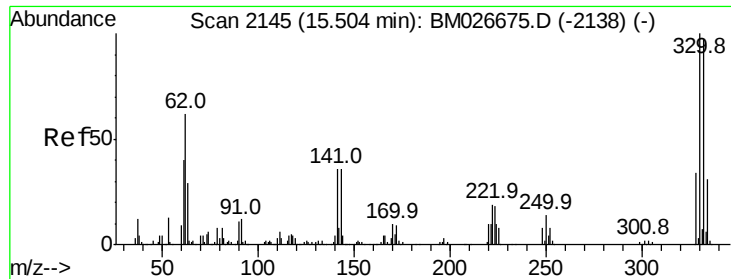
Tot Ion: 82 Resp: 463069
Ion Ratio Lower Upper
82 100
128 34.7 29.1 43.7
54 65.9 50.2 75.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.99 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BM026726.D
Acq: 10 Jul 2020 10:05

Tgt Ion:164 Resp: 162013
Ion Ratio Lower Upper
164 100
162 105.2 83.7 125.5
160 45.9 36.2 54.2

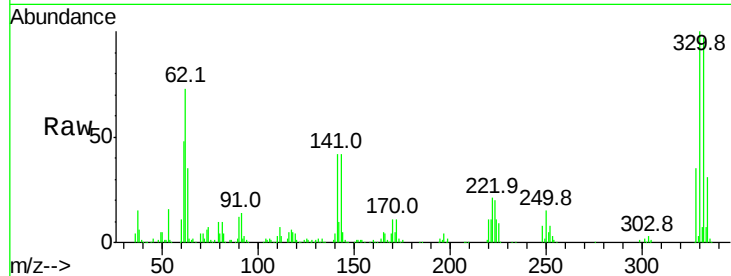




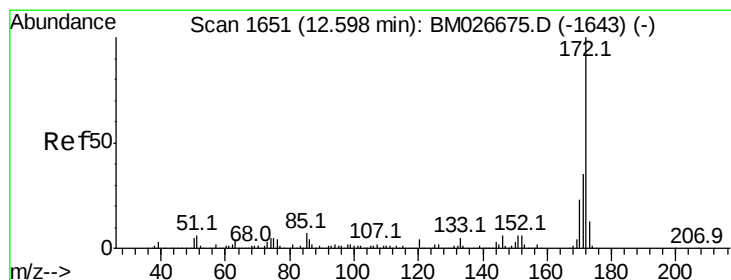
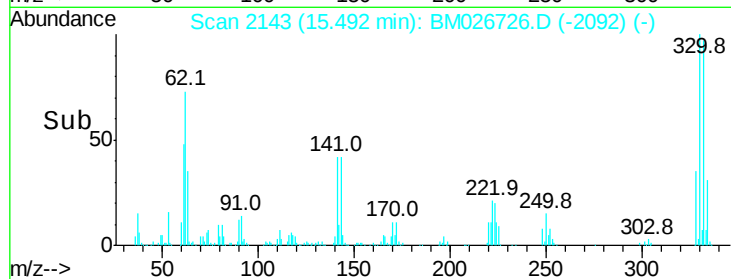
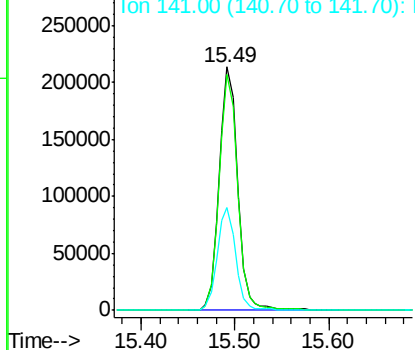
#42
 2,4,6-Tribromophenol
 Concen: 125.738 ng
 RT: 15.49 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BM026726.D
 Acq: 10 Jul 2020 10:05

Instrument :
 BNA_M
 ClientSampled :
 PB129891BL

Tot Ion:330 Resp: 296746
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.5 116.3
 141 42.3 32.4 48.6

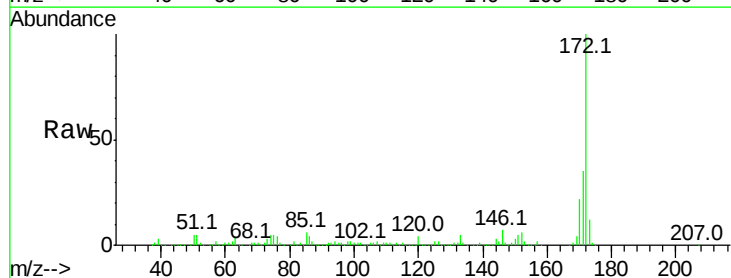


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

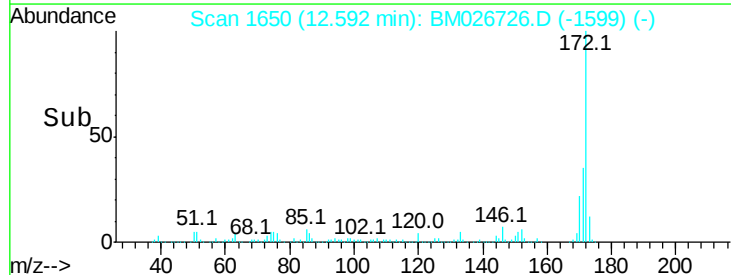
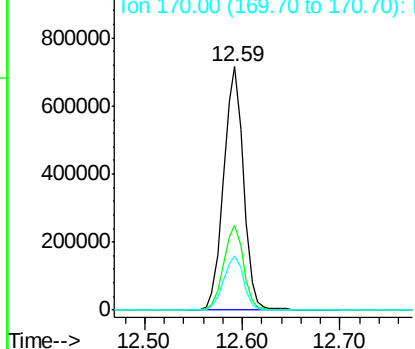


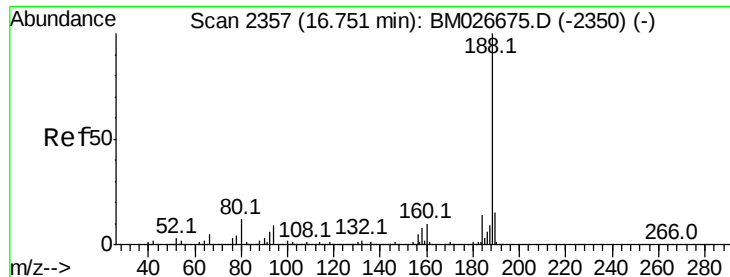
#45
 2-Fluorobiphenyl
 Concen: 82.937 ng
 RT: 12.59 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BM026726.D
 Acq: 10 Jul 2020 10:05

Tgt Ion:172 Resp: 1010574
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.8 41.6
 170 22.4 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: 16.74 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BM026726.D

Acq: 10 Jul 2020 10:05

Instrument :

BNA_M

ClientSampleId :

PB129891BL

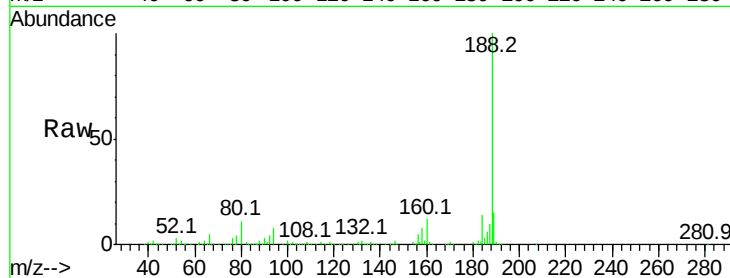
Tot Ion:188 Resp: 383227

Ion Ratio Lower Upper

188 100

94 8.2 7.4 11.0

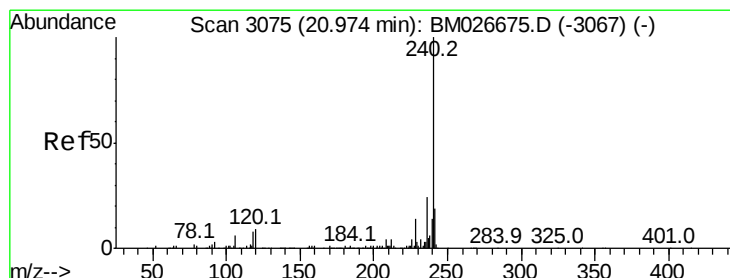
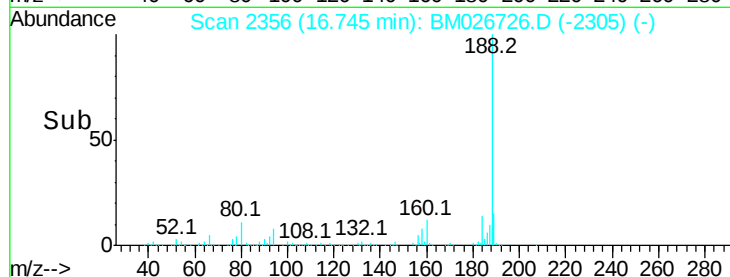
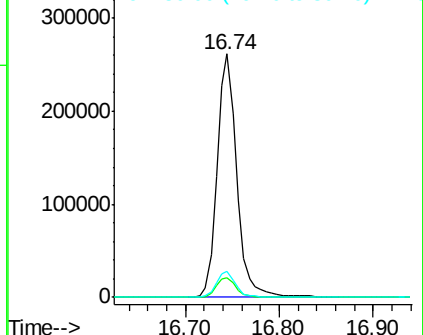
80 10.9 9.3 13.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.96 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BM026726.D

Acq: 10 Jul 2020 10:05

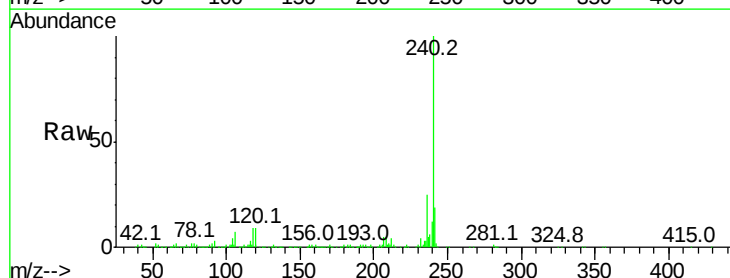
Tgt Ion:240 Resp: 469213

Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

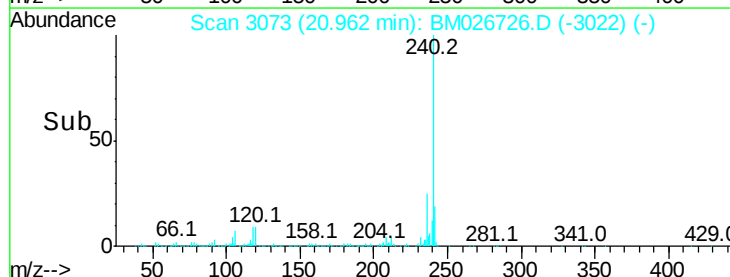
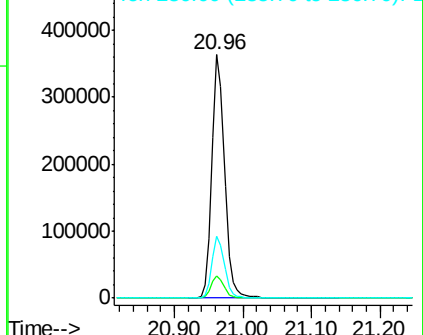
236 25.3 19.4 29.2

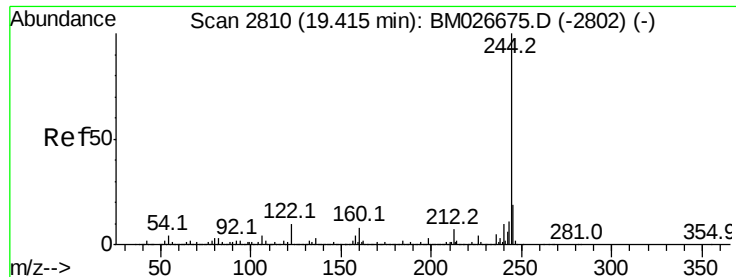


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.427 ng

RT: 19.41 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM026726.D

Acq: 10 Jul 2020 10:05

Instrument :

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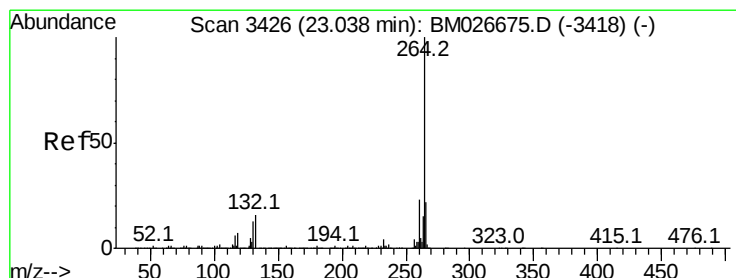
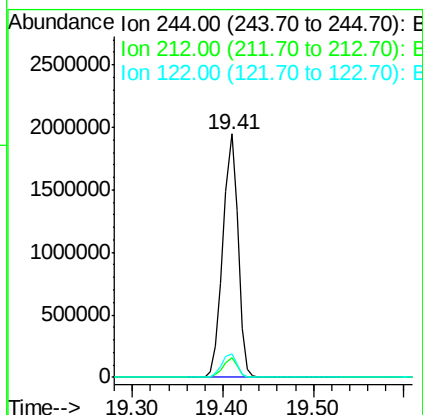
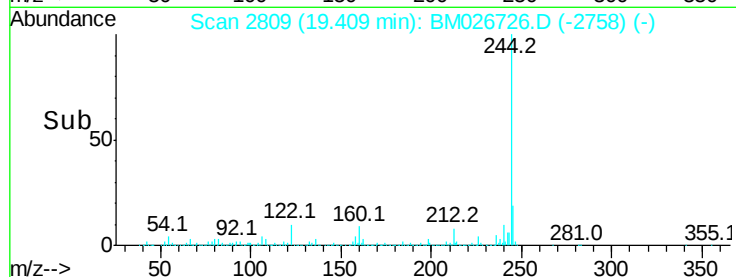
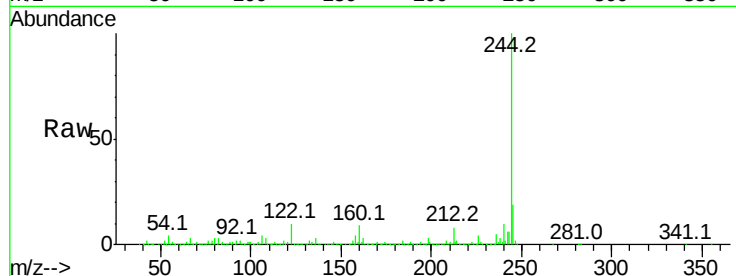
Tot Ion:244 Resp: 2227475

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	9.8	8.2	12.4

244 100

212 7.9 5.9 8.9

122 9.8 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.03 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BM026726.D

Acq: 10 Jul 2020 10:05

Tgt Ion:264 Resp: 495970

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.1	17.6	26.4

264 100

260 24.0 18.2 27.2

265 22.1 17.6 26.4

