

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
 Data File : BM026727.D
 Acq On : 10 Jul 2020 10:55
 Operator : JU/CG
 Sample : L3160-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MUDDY-DRUM

Quant Time: Jul 10 11:32:17 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

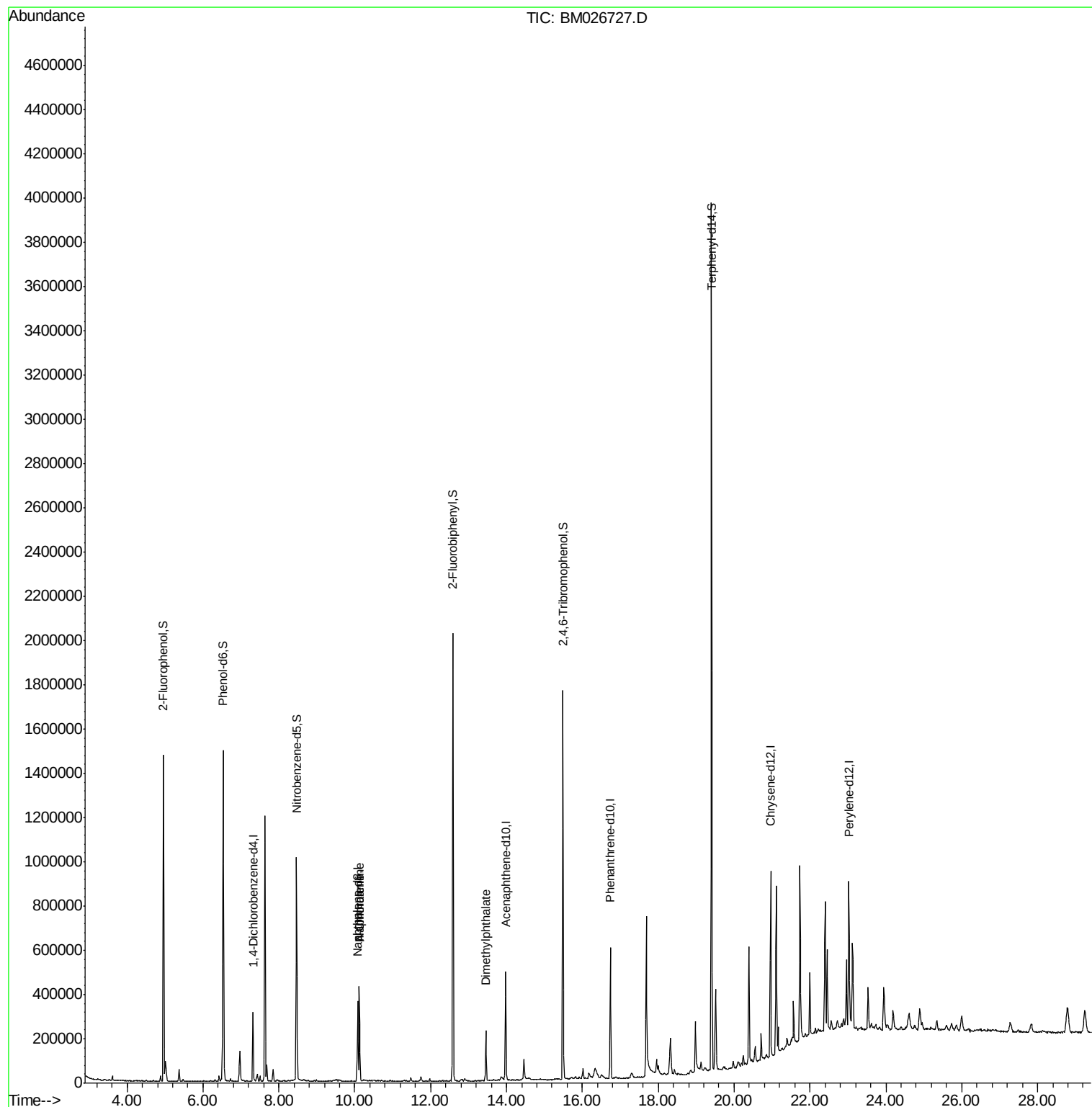
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	67321	20.00	ng	0.00
21) Naphthalene-d8	10.07	136	242845	20.00	ng	0.00
39) Acenaphthene-d10	13.98	164	141438	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	305134	20.00	ng	0.00
76) Chrysene-d12	20.96	240	368062	20.00	ng	0.00
86) Perylene-d12	23.03	264	404674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	488506	121.62	ng	0.00
7) Phenol-d6	6.53	99	650874	101.71	ng	0.00
23) Nitrobenzene-d5	8.47	82	479985	84.32	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	252438	122.52	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	900909	84.69	ng	0.00
79) Terphenyl-d14	19.40	244	1685024	90.10	ng	0.00
Target Compounds						
31) Naphthalene	10.12	128	284443	21.059	ng	99
33) 4-Chloroaniline	10.12	127	36454	6.170	ng	# 30
50) Dimethylphthalate	13.46	163	119506	9.878	ng	# 98

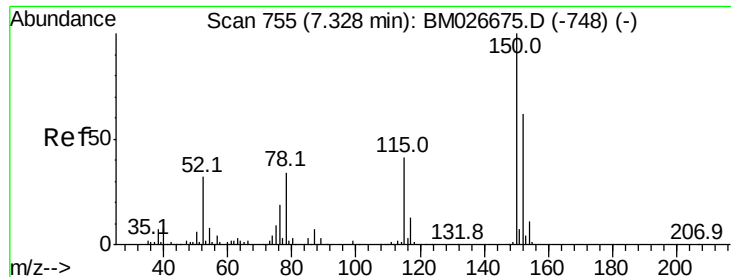
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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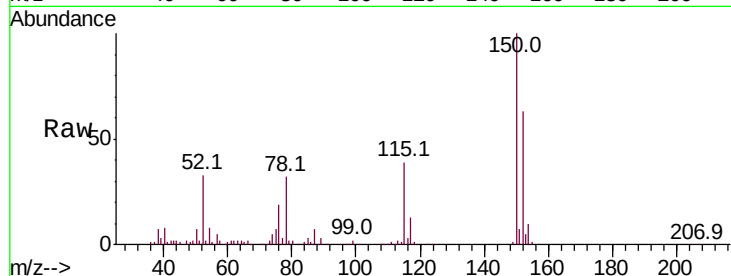


#1

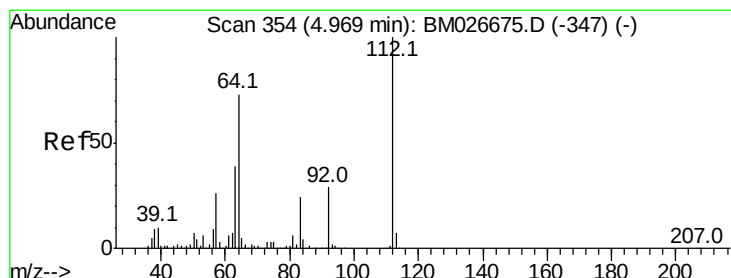
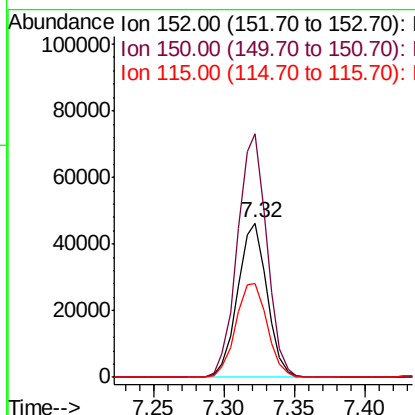
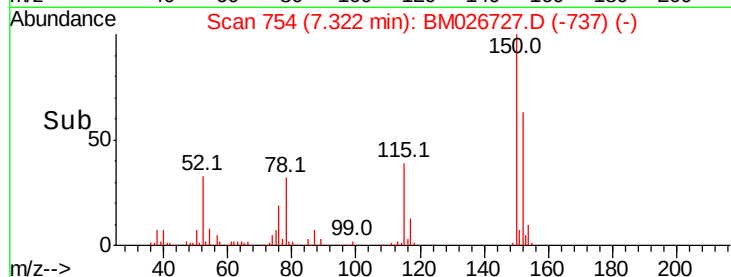
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

Tot Ion:152 Resp: 67321
Ion Ratio Lower Upper
152 100
150 157.8 128.1 192.1
115 61.0 52.2 78.4



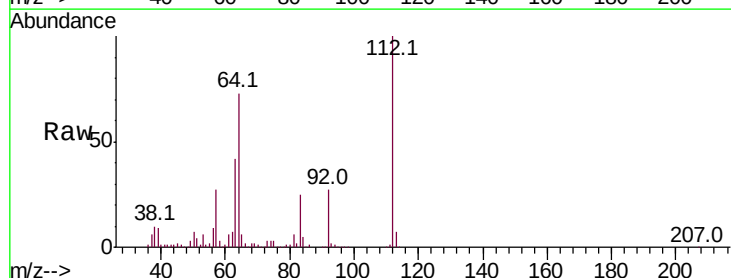
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



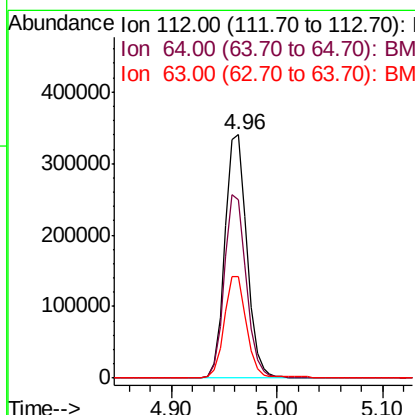
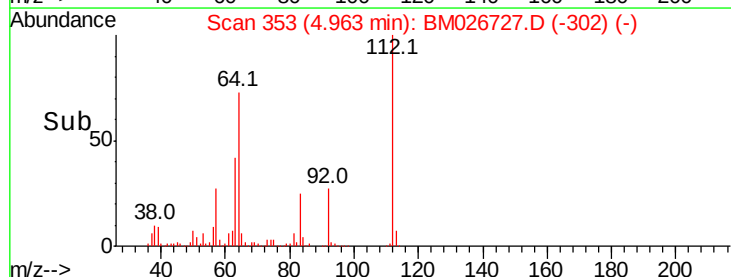
#5

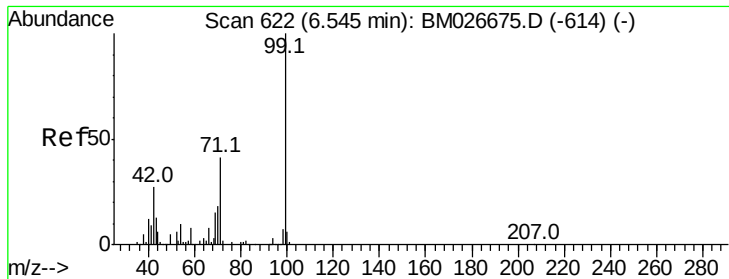
2-Fluorophenol
Concen: 121.623 ng
RT: 4.96 min Scan# 353
Delta R.T. 0.00 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Tgt Ion:112 Resp: 488506
Ion Ratio Lower Upper
112 100
64 73.4 58.4 87.6
63 41.6 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: 101.709 ng

RT: 6.53 min Scan# 620

Delta R.T. 0.00 min

Lab File: BM026727.D

Acq: 10 Jul 2020 10:55

Instrument :

BNA_M

ClientSampled :

MUDDY-DRUM

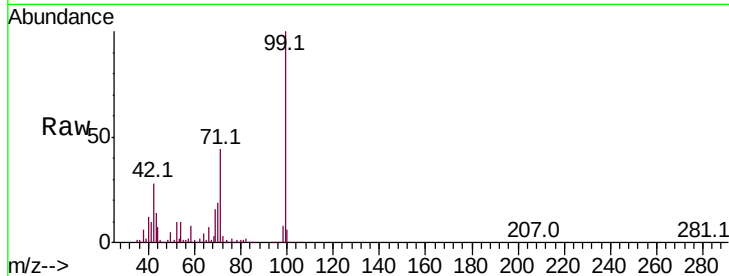
Tot Ion: 99 Resp: 650874

Ion Ratio Lower Upper

99 100

42 28.1 21.7 32.5

71 44.4 33.2 49.8

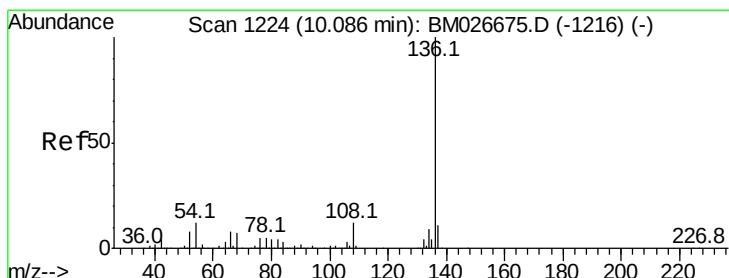
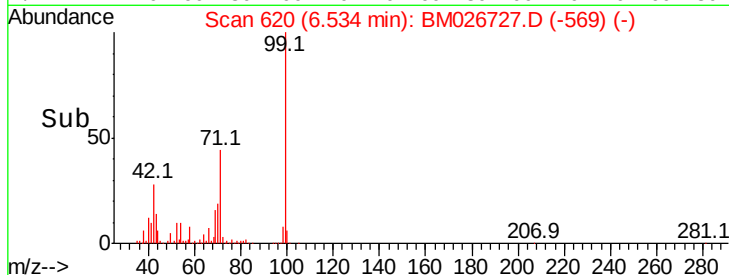
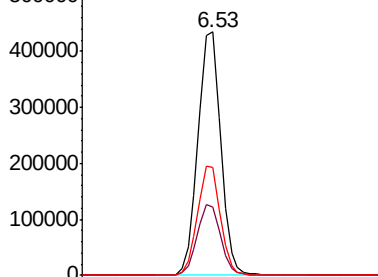


Abundance

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: 10.07 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM026727.D

Acq: 10 Jul 2020 10:55

Tgt Ion: 136 Resp: 242845

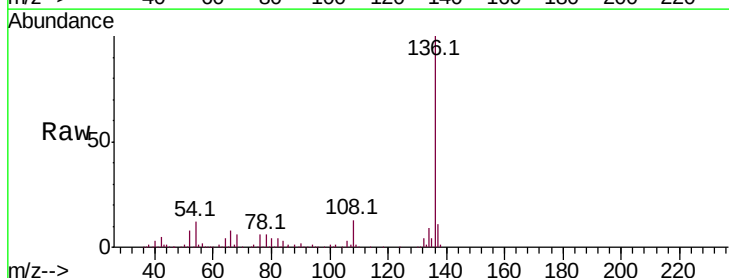
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 12.4 9.8 14.6

68 6.1 5.8 8.6



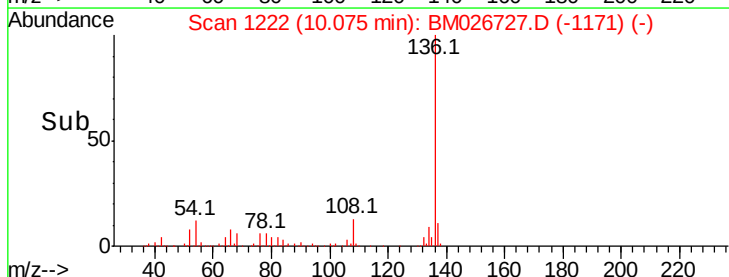
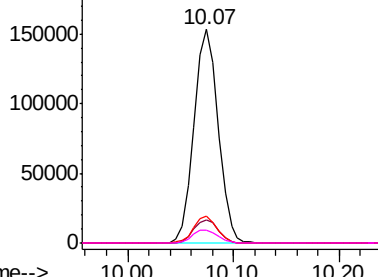
Abundance

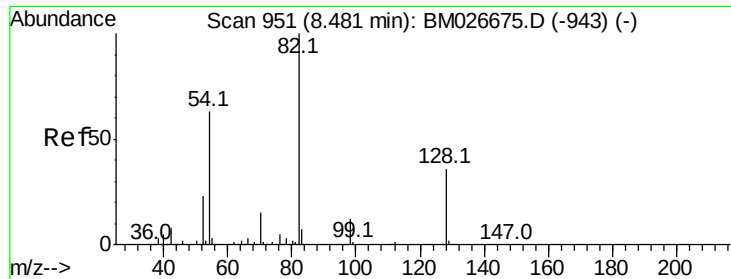
Ion 136.00 (135.70 to 136.70): E

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

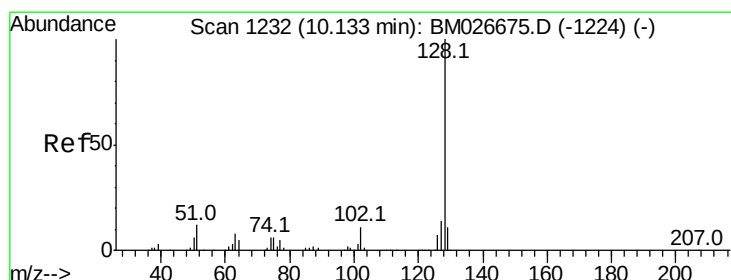
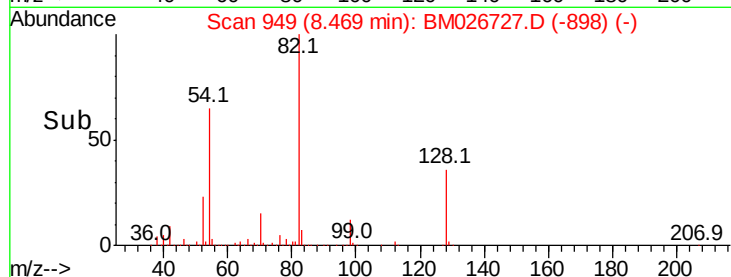
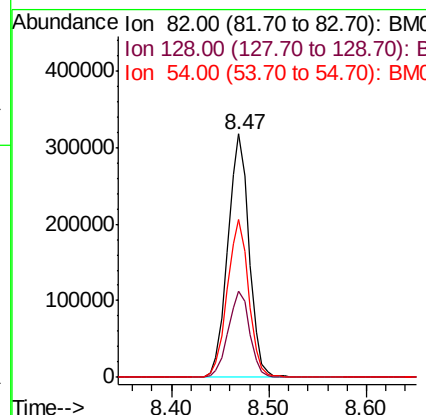
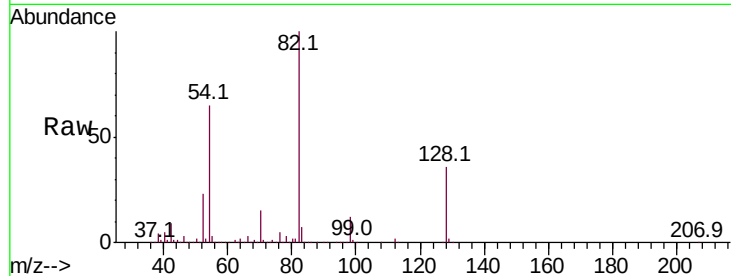




#23
 Nitrobenzene-d5
 Concen: 84.324 ng
 RT: 8.47 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BM026727.D
 Acq: 10 Jul 2020 10:55

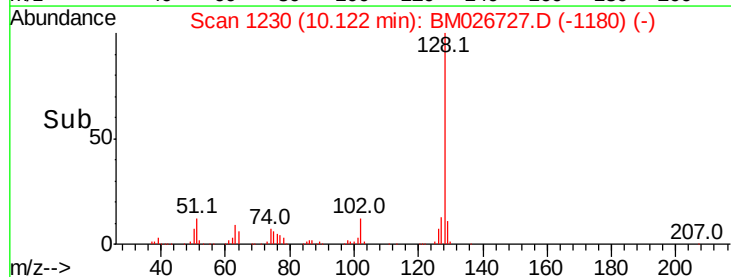
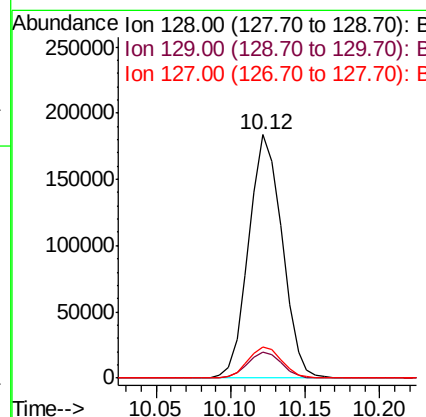
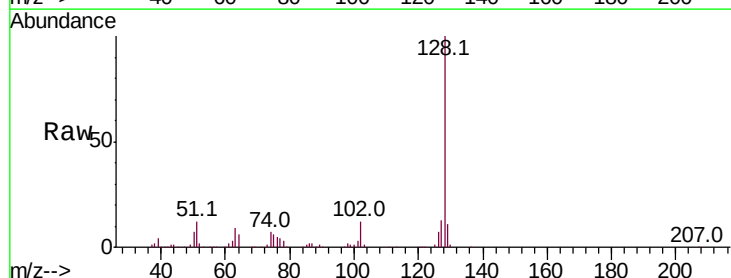
Instrument :
 BNA_M
 ClientSampleId :
 MUDDY-DRUM

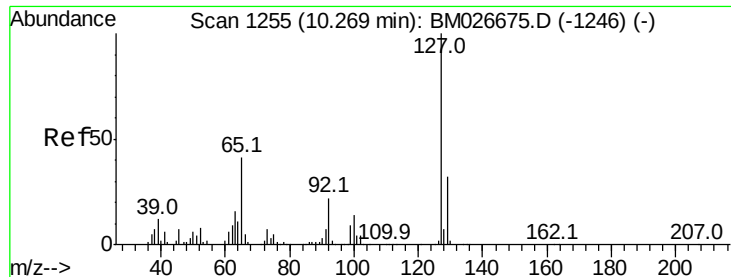
Tot Ion	82	Resp	479985
Ion Ratio	100	Lower	Upper
128	35.6	29.1	43.7
54	64.9	50.2	75.4



#31
 Naphthalene
 Concen: 21.059 ng
 RT: 10.12 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BM026727.D
 Acq: 10 Jul 2020 10:55

Tgt Ion	128	Resp	284443
Ion Ratio	100	Lower	Upper
129	10.9	8.8	13.2
127	12.9	10.8	16.2

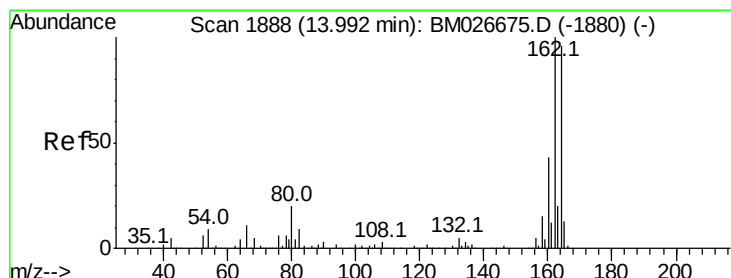
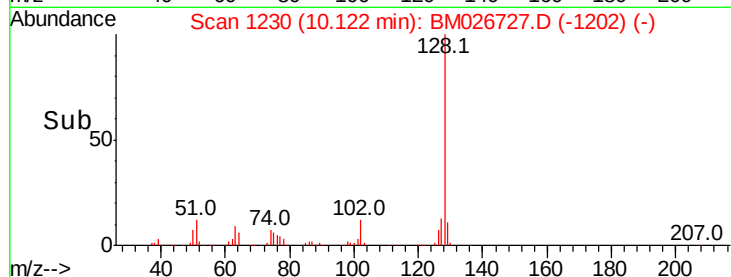
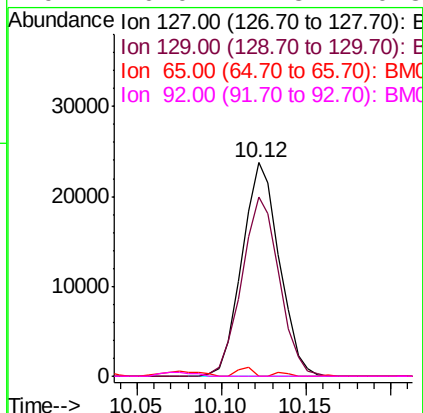
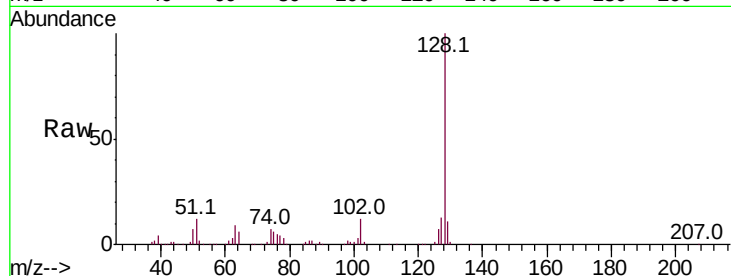




#33
4-Chloroaniline
Concen: 6.170 ng
RT: 10.12 min Scan# 1230
Delta R.T. -0.14 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

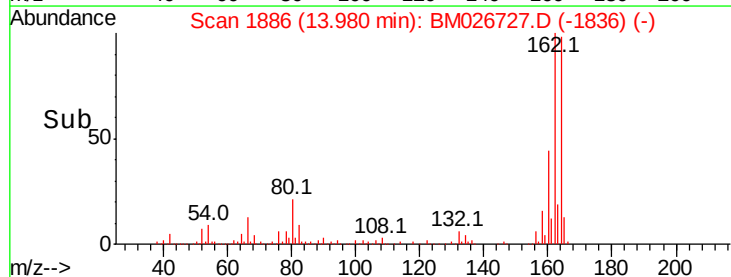
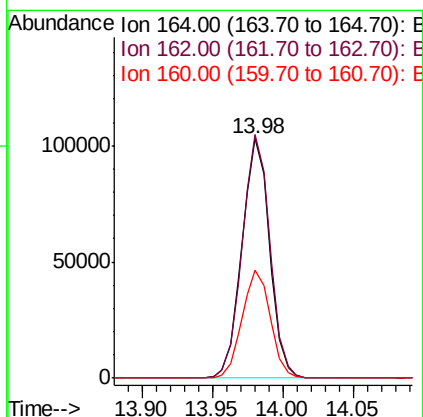
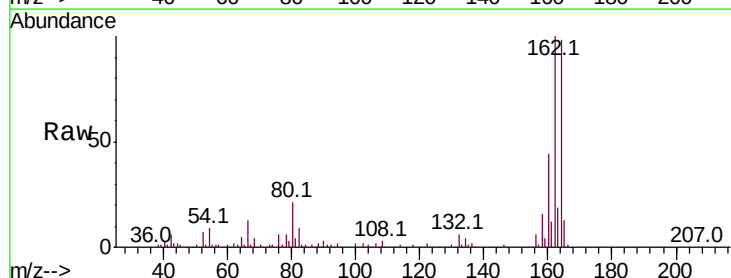
Instrument :
BNA_M
ClientSampleId :
MUDDY-DRUM

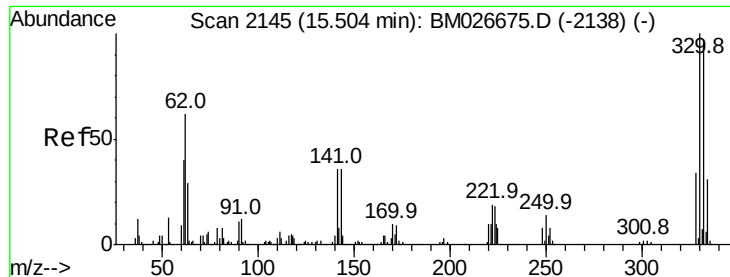
Tot Ion:127 Resp: 36454
Ion Ratio Lower Upper
127 100
129 84.0 25.8 38.6#
65 0.0 32.5 48.7#
92 0.0 17.8 26.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.98 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BM026727.D
Acq: 10 Jul 2020 10:55

Tgt Ion:164 Resp: 141438
Ion Ratio Lower Upper
164 100
162 101.8 83.7 125.5
160 45.1 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 122.524 ng

RT: 15.49 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BM026727.D

Acq: 10 Jul 2020 10:55

Instrument :

BNA_M

ClientSampleId :

MUDDY-DRUM

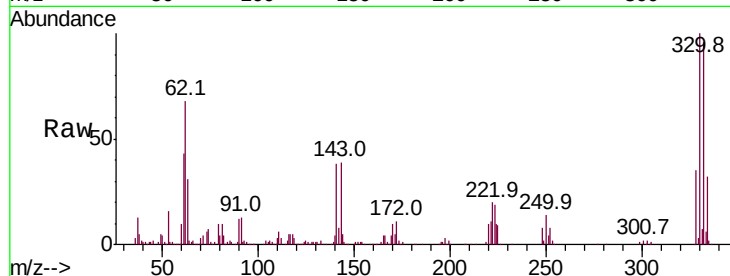
Tot Ion:330 Resp: 252438

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

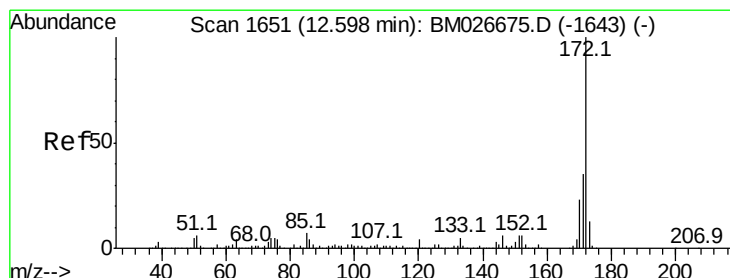
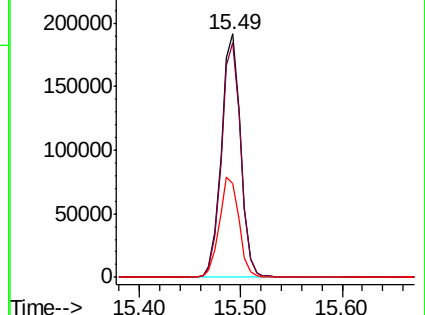
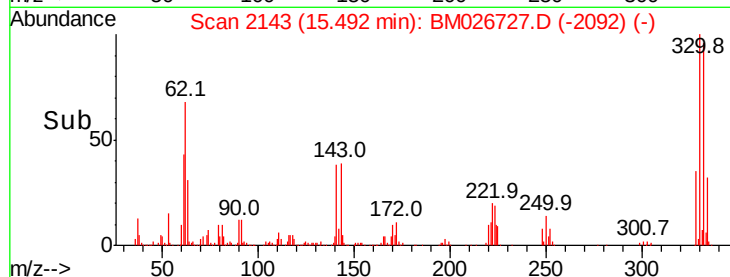
141 41.8 32.4 48.6



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: 84.693 ng

RT: 12.59 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BM026727.D

Acq: 10 Jul 2020 10:55

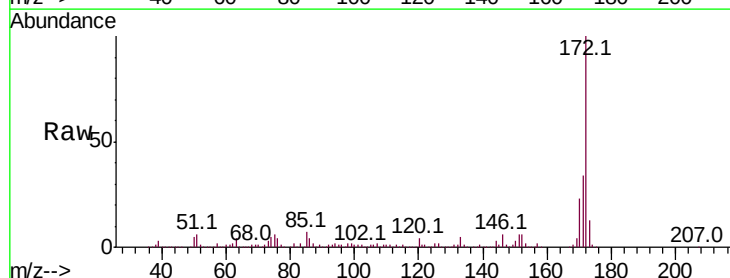
Tgt Ion:172 Resp: 900909

Ion Ratio Lower Upper

172 100

171 34.3 27.8 41.6

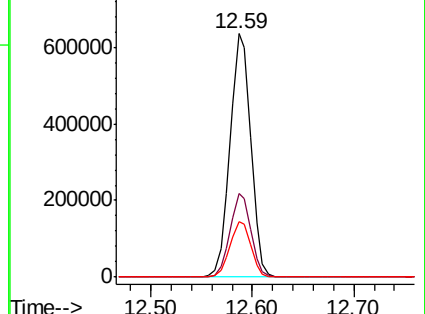
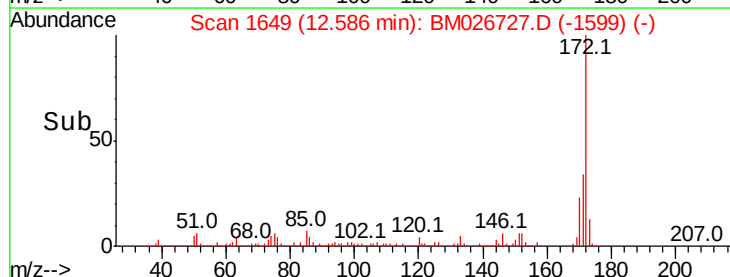
170 22.6 18.5 27.7

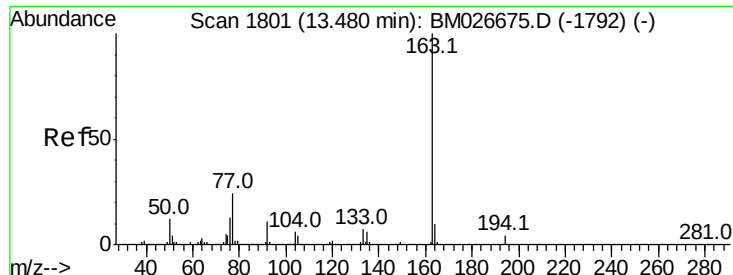


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.878 ng

RT: 13.46 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BM026727.D

Acq: 10 Jul 2020 10:55

Instrument :

BNA_M

ClientSampleId :

MUDDY-DRUM

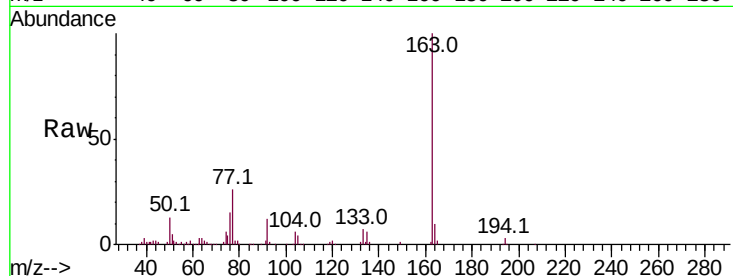
Tot Ion:163 Resp: 119506

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.2#

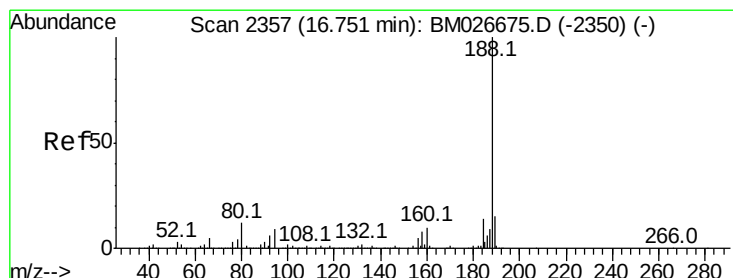
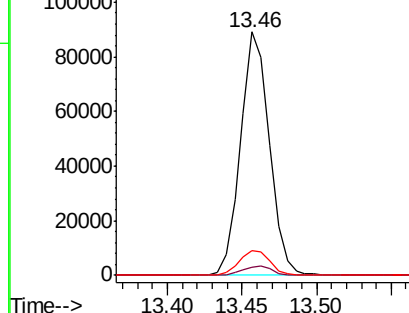
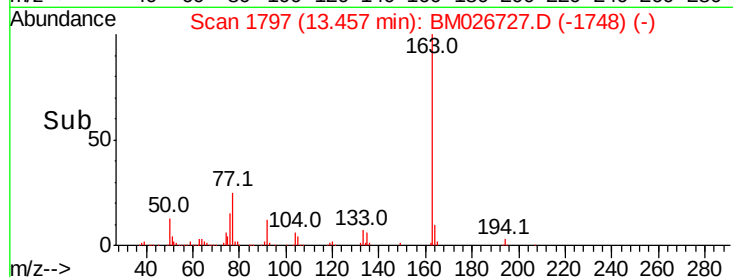
164 10.4 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.74 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BM026727.D

Acq: 10 Jul 2020 10:55

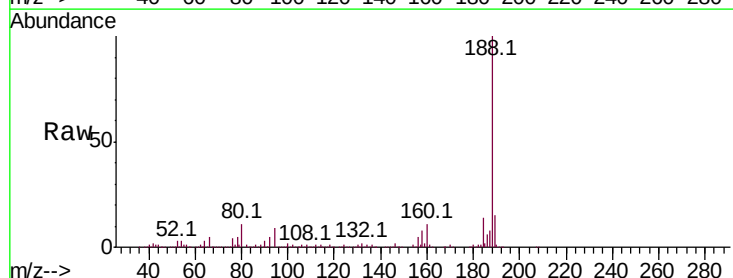
Tgt Ion:188 Resp: 305134

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.0

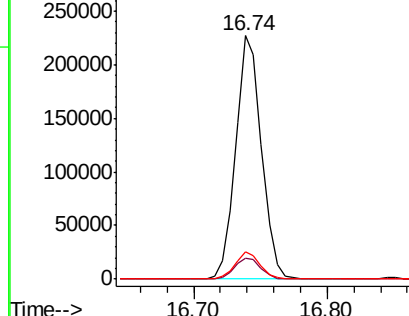
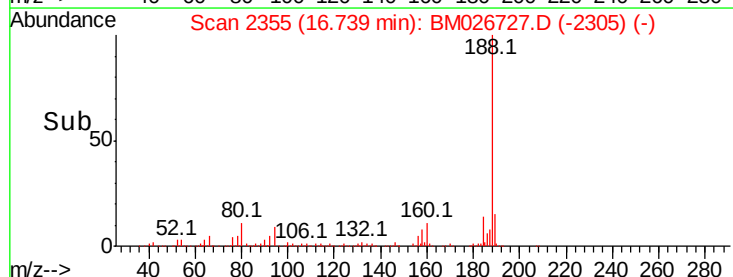
80 11.3 9.3 13.9

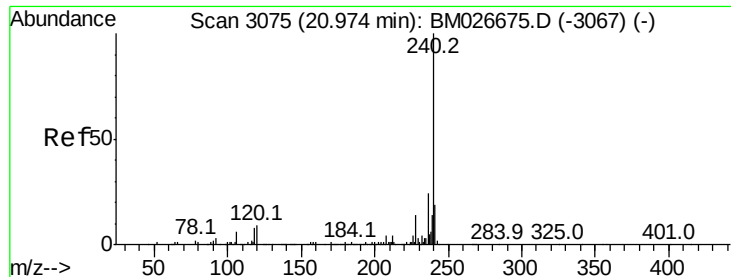


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.96 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BM026727.D

Acq: 10 Jul 2020 10:55

Instrument :

BNA_M

ClientSampleId :

MUDDY-DRUM

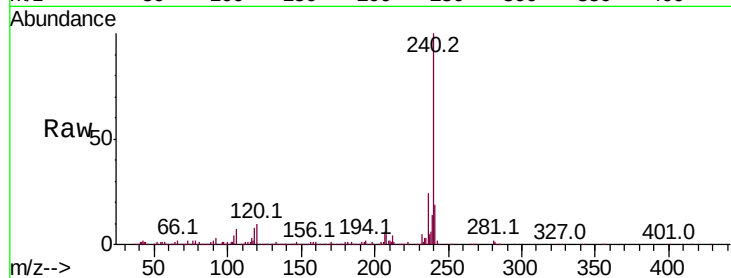
Tot Ion:240 Resp: 368062

Ion Ratio Lower Upper

240 100

120 9.7 7.3 10.9

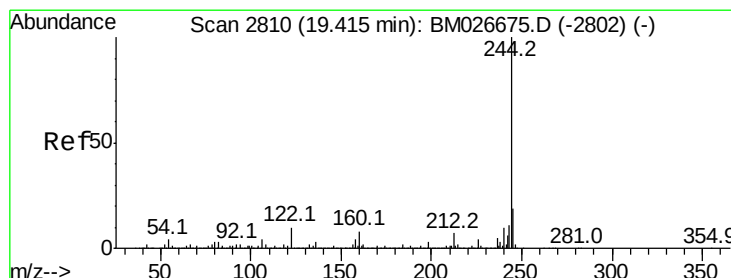
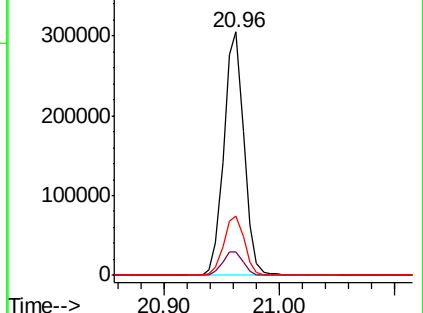
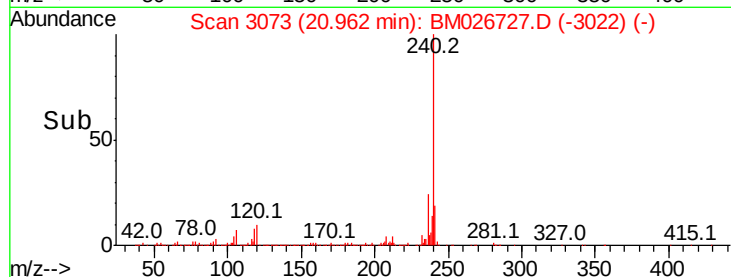
236 24.4 19.4 29.2



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: 90.098 ng

RT: 19.40 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM026727.D

Acq: 10 Jul 2020 10:55

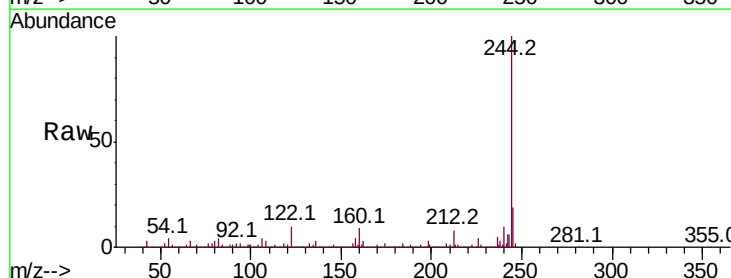
Tgt Ion:244 Resp: 1685024

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

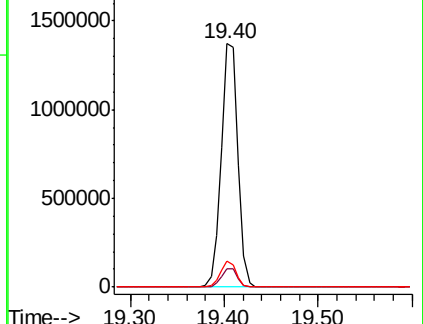
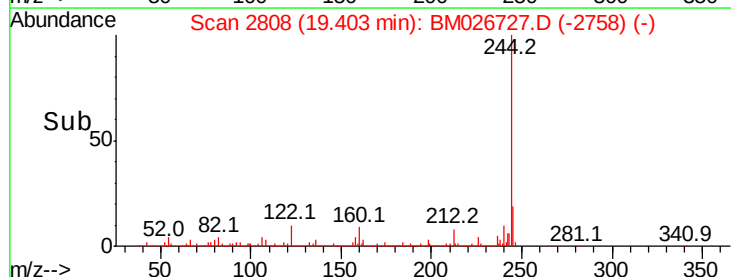
122 10.4 8.2 12.4

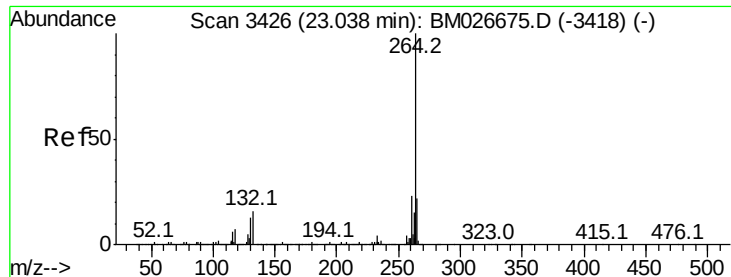


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.03 min Scan# 3424
 Delta R.T. -0.01 min
 Lab File: BM026727.D
 Acq: 10 Jul 2020 10:55

Instrument :
 BNA_M
 ClientSampleId :
 MUDDY-DRUM

Tot Ion:264 Resp: 404674
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.9 17.6 26.4

