

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
 Data File : BM026730.D
 Acq On : 10 Jul 2020 12:44
 Operator : JU/CG
 Sample : L3183-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720

Quant Time: Jul 10 13:21:20 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

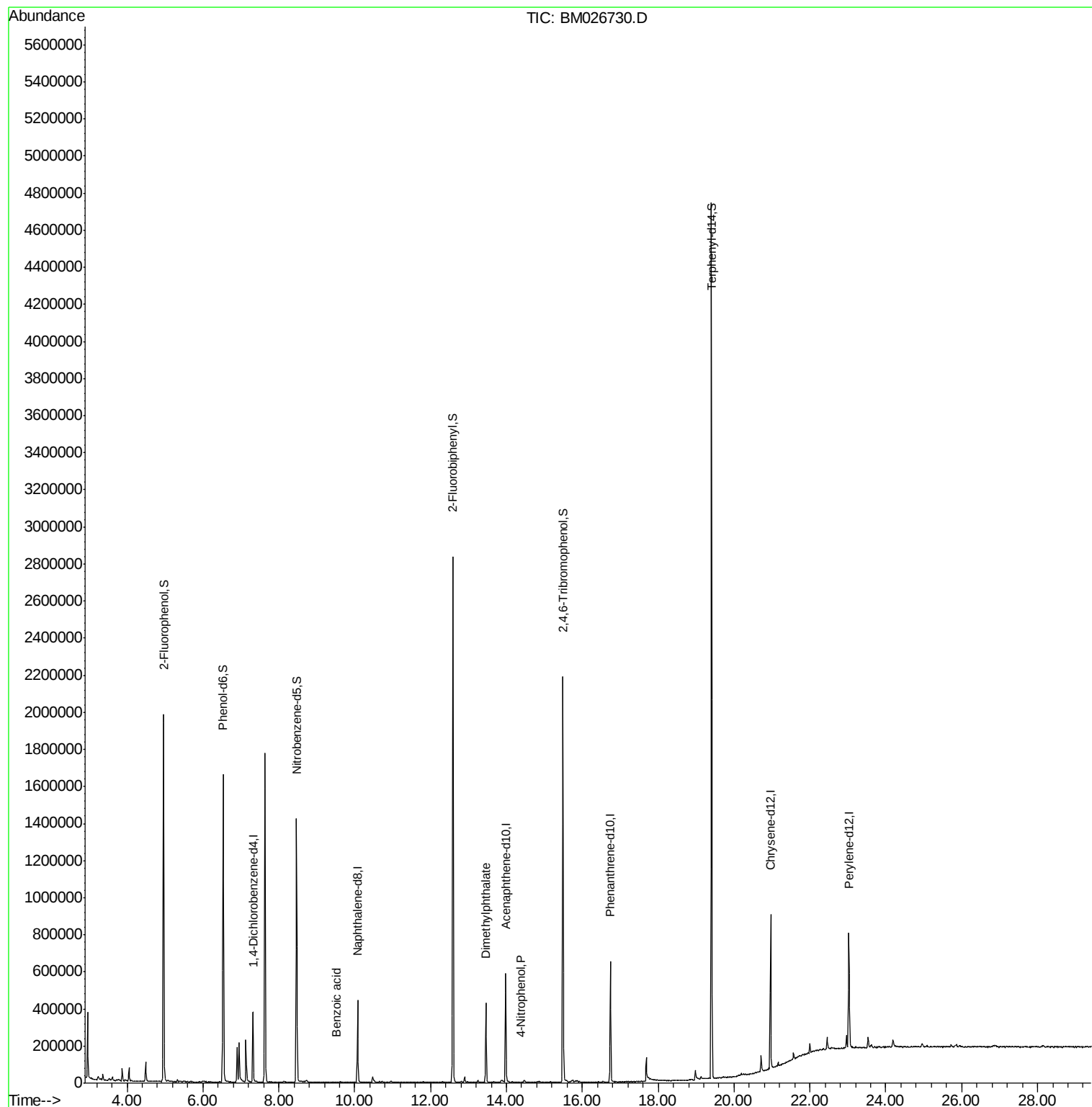
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	84702	20.00	ng	0.00
21) Naphthalene-d8	10.07	136	309304	20.00	ng	0.00
39) Acenaphthene-d10	13.98	164	173310	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	351005	20.00	ng	0.00
76) Chrysene-d12	20.96	240	368027	20.00	ng	0.00
86) Perylene-d12	23.03	264	376524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	667842	132.15	ng	0.00
7) Phenol-d6	6.53	99	758670	94.23	ng	0.00
23) Nitrobenzene-d5	8.47	82	702145	96.85	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	332154	131.57	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	1273111	97.67	ng	0.00
79) Terphenyl-d14	19.40	244	2023397	108.20	ng	0.00
Target Compounds						
32) Benzoic acid	9.52	122	123	7.126	ng	# 55
50) Dimethylphthalate	13.46	163	241808	16.312	ng	# 99
56) 4-Nitrophenol	14.39	139	70	3.935	ng	# 1

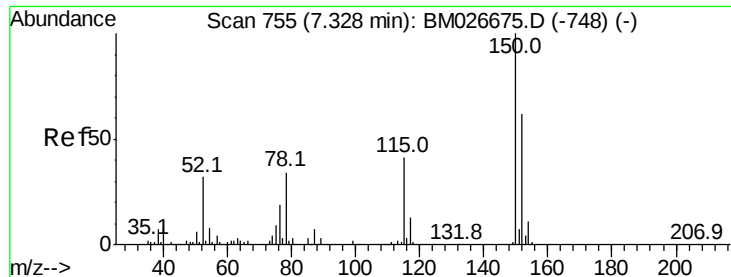
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
Data File : BM026730.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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BNA_M
ClientSampleId :
OK-02-070720

Quant Time: Jul 10 13:21:20 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



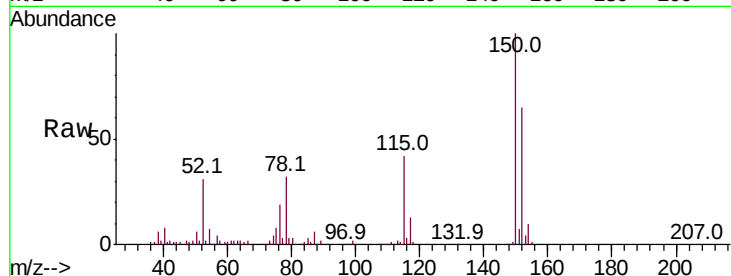


#1

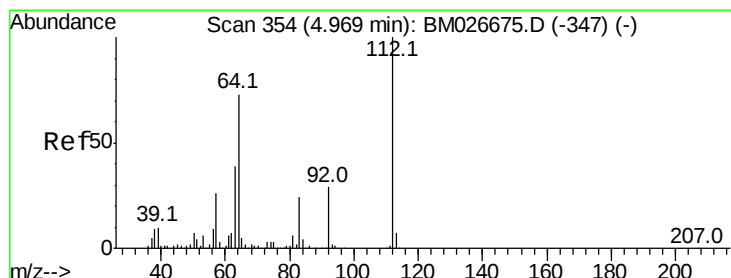
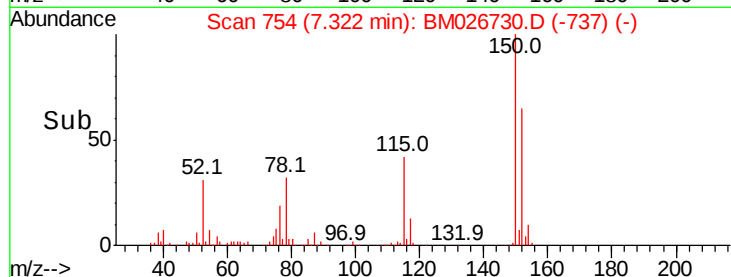
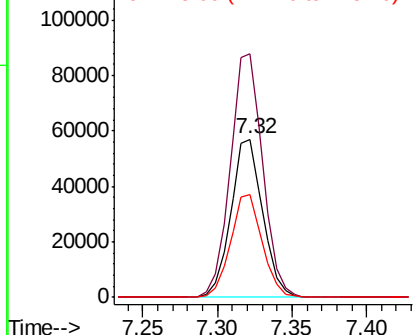
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM026730.D
Acq: 10 Jul 2020 12:44

Instrument :
BNA_M
ClientSampleId :
OK-02-070720

Tot Ion:152 Resp: 84702
Ion Ratio Lower Upper
152 100
150 154.2 128.1 192.1
115 65.0 52.2 78.4



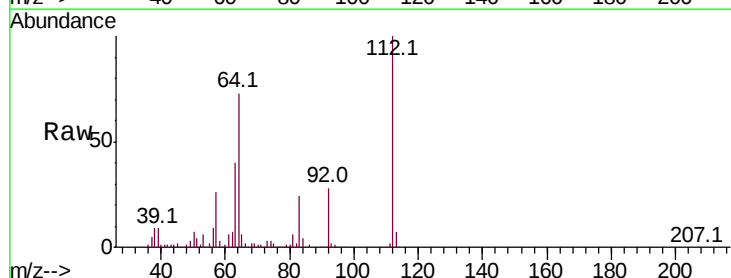
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



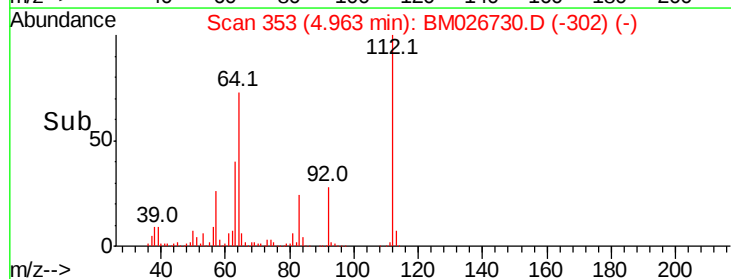
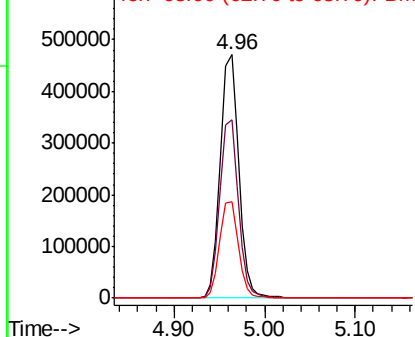
#5

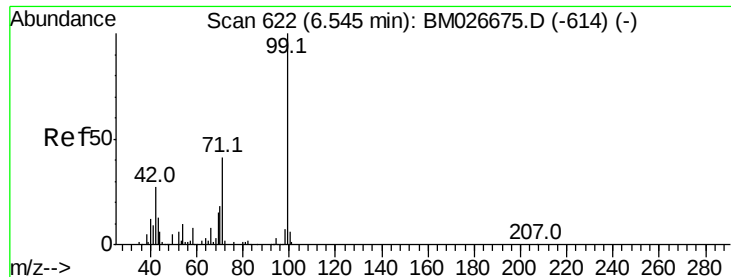
2-Fluorophenol
Concen: 132.153 ng
RT: 4.96 min Scan# 353
Delta R.T. 0.00 min
Lab File: BM026730.D
Acq: 10 Jul 2020 12:44

Tgt Ion:112 Resp: 667842
Ion Ratio Lower Upper
112 100
64 73.2 58.4 87.6
63 39.8 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: 94.226 ng

RT: 6.53 min Scan# 619

Delta R.T. -0.01 min

Lab File: BM026730.D

Acq: 10 Jul 2020 12:44

Instrument :

BNA_M

ClientSampleId :

OK-02-070720

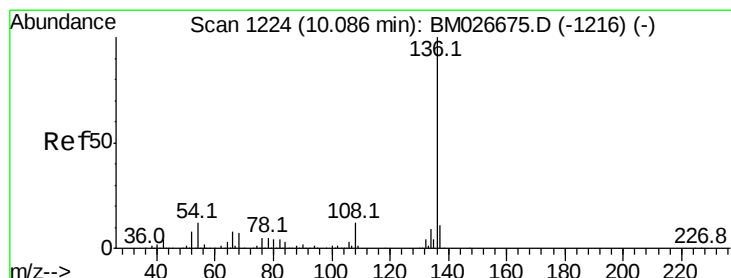
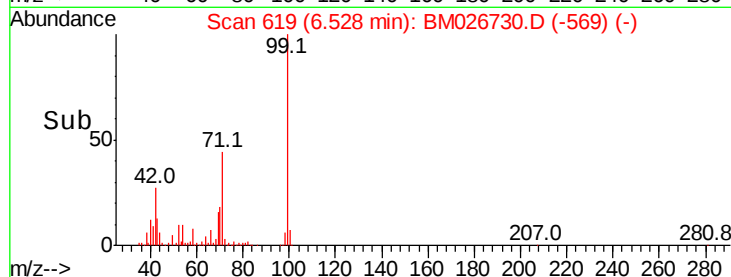
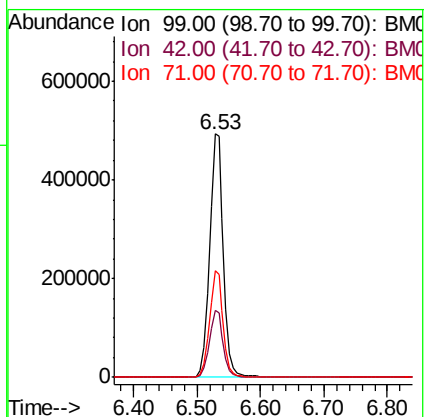
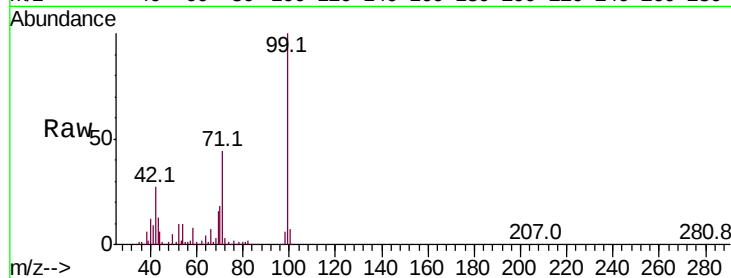
Tot Ion: 99 Resp: 758670

Ion Ratio Lower Upper

99 100

42 27.3 21.7 32.5

71 43.6 33.2 49.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BM026730.D

Acq: 10 Jul 2020 12:44

Tgt Ion: 136 Resp: 309304

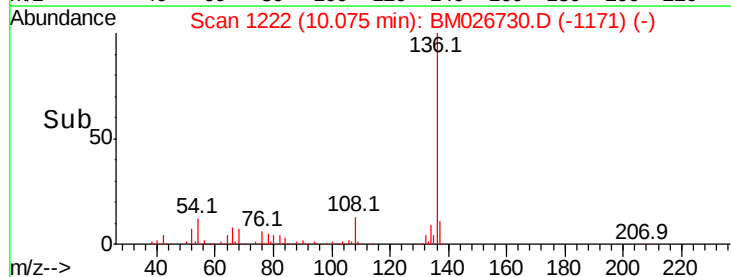
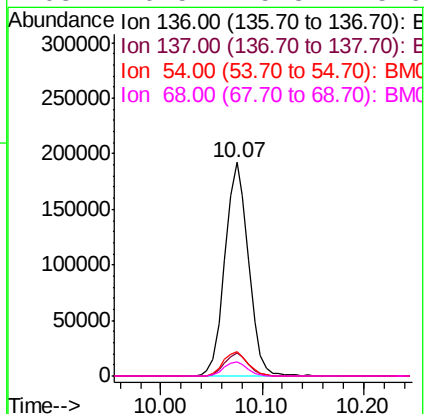
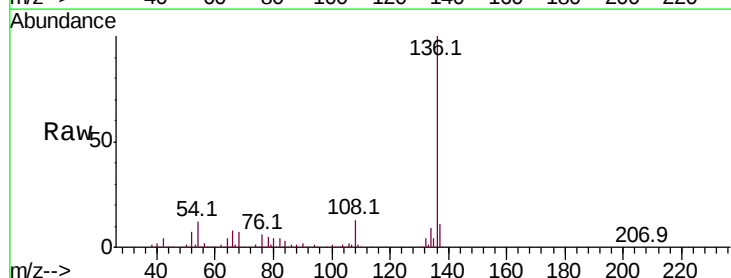
Ion Ratio Lower Upper

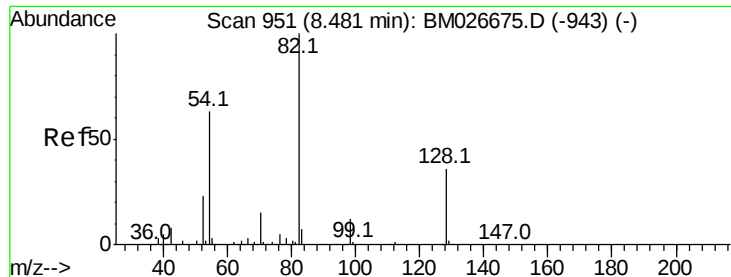
136 100

137 10.7 8.6 12.8

54 11.5 9.8 14.6

68 6.5 5.8 8.6

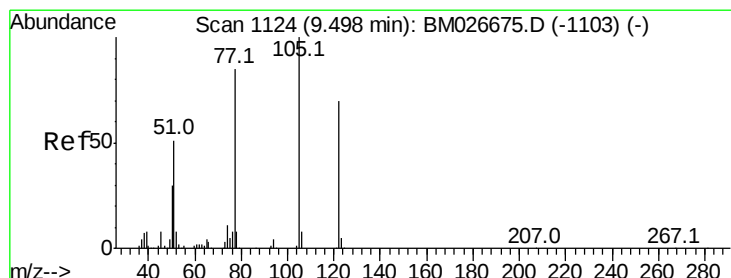
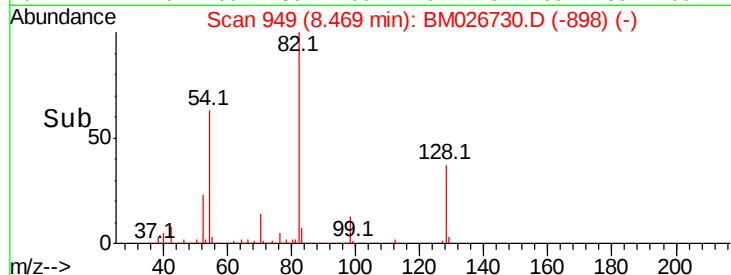
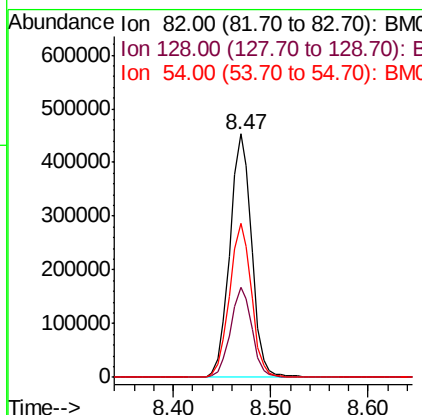
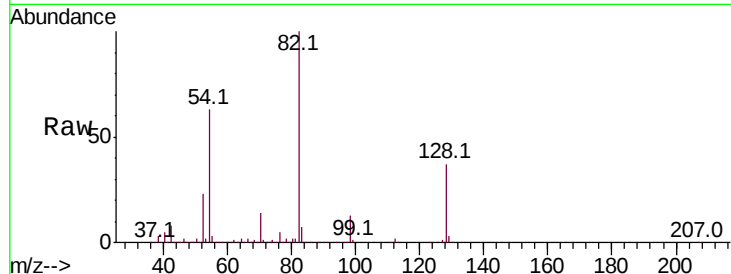




#23
 Nitrobenzene-d5
 Concen: 96.849 ng
 RT: 8.47 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BM026730.D
 Acq: 10 Jul 2020 12:44

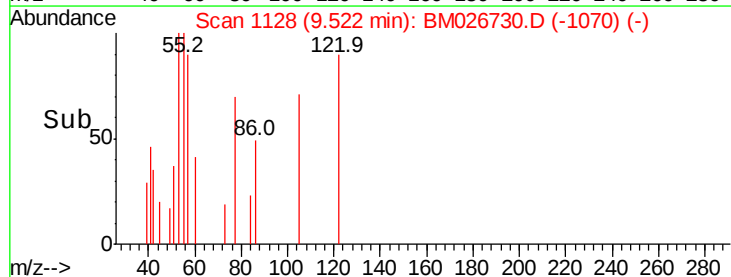
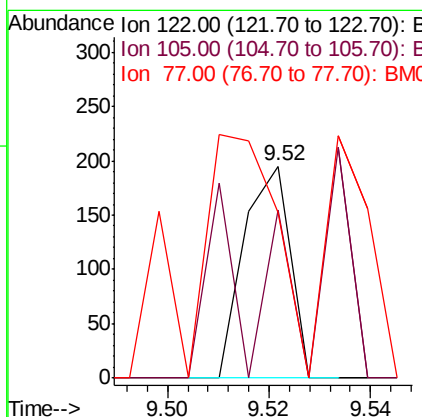
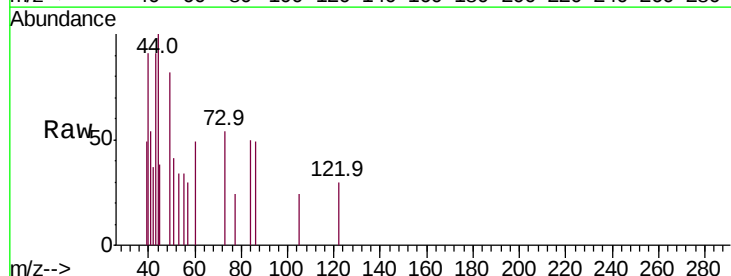
Instrument :
 BNA_M
 ClientSampleId :
 OK-02-070720

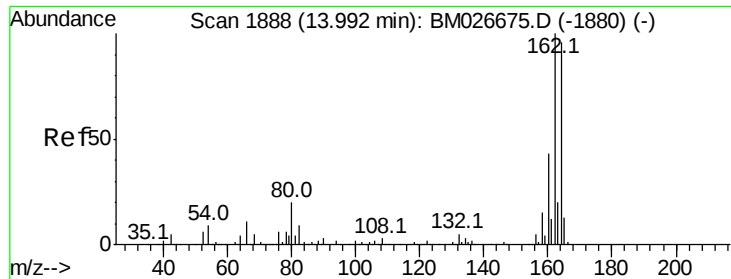
Tot Ion: 82 Resp: 702145
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.1 43.7
 54 63.3 50.2 75.4



#32
 Benzoic acid
 Concen: 7.126 ng
 RT: 9.52 min Scan# 1128
 Delta R.T. 0.04 min
 Lab File: BM026730.D
 Acq: 10 Jul 2020 12:44

Tgt Ion: 122 Resp: 123
 Ion Ratio Lower Upper
 122 100
 105 79.5 120.9 160.9#
 77 77.9 100.0 140.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM026730.D

Acq: 10 Jul 2020 12:44

Instrument :

BNA_M

ClientSampleId :

OK-02-070720

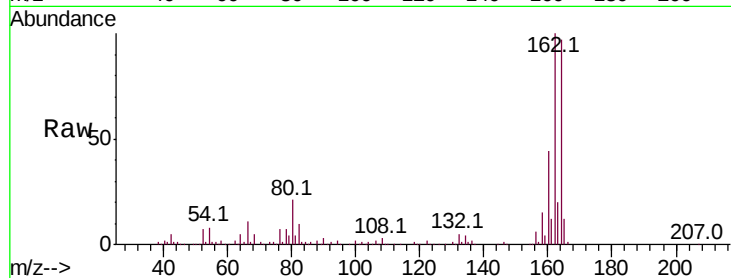
Tot Ion:164 Resp: 173310

Ion Ratio Lower Upper

164 100

162 102.7 83.7 125.5

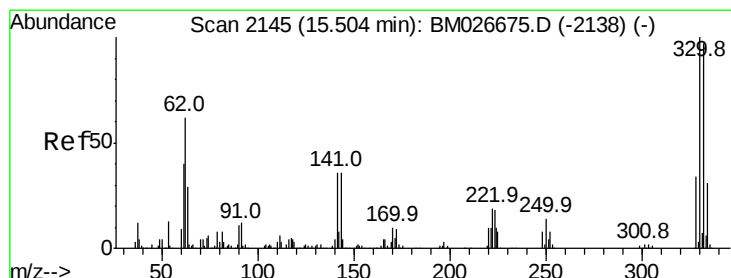
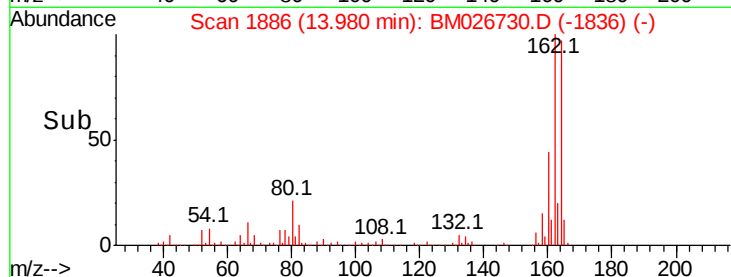
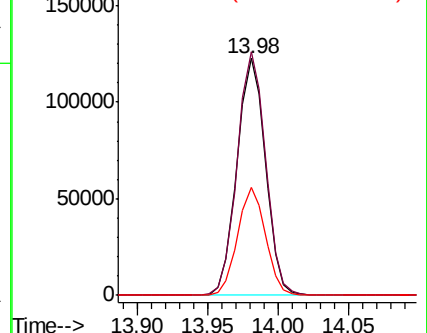
160 45.5 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 131.567 ng

RT: 15.49 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BM026730.D

Acq: 10 Jul 2020 12:44

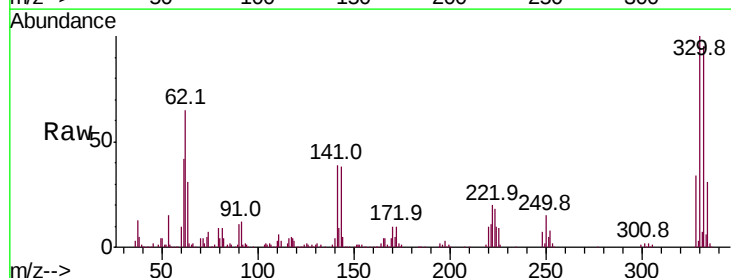
Tgt Ion:330 Resp: 332154

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

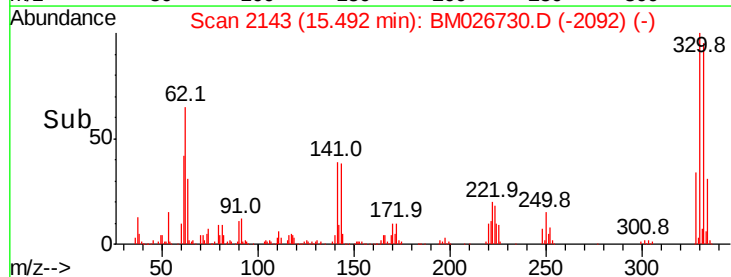
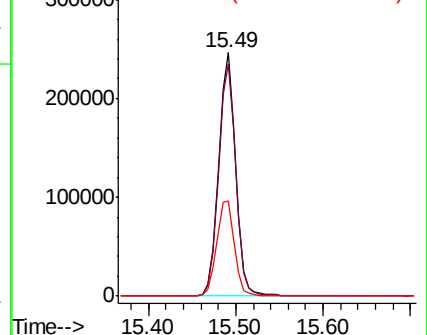
141 41.4 32.4 48.6

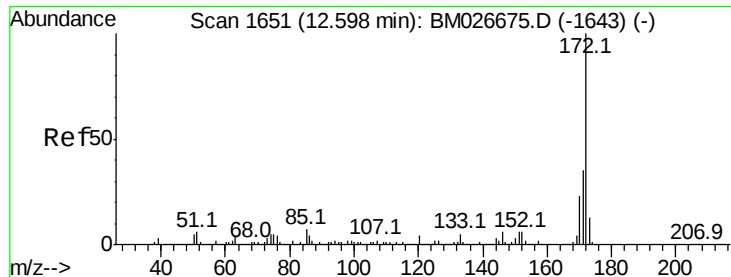


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

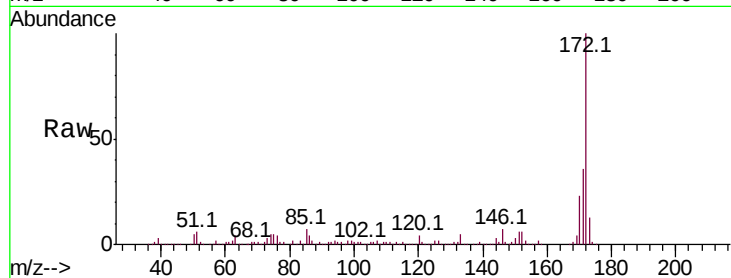




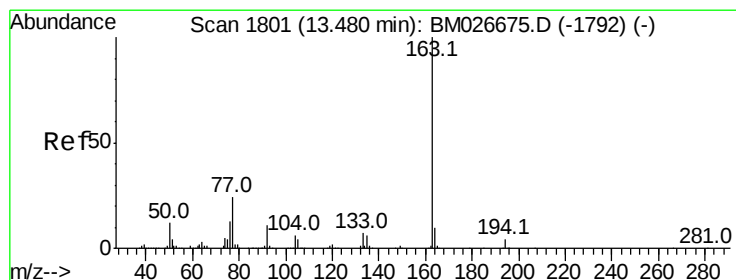
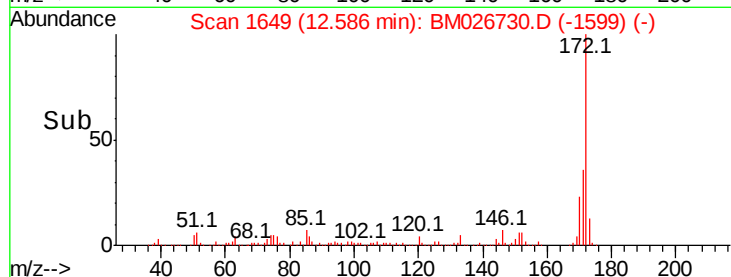
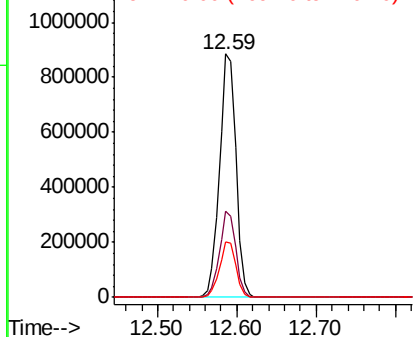
#45
2-Fluorobiphenyl
Concen: 97.673 ng
RT: 12.59 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BM026730.D
Acq: 10 Jul 2020 12:44

Instrument :
BNA_M
ClientSampleId :
OK-02-070720

Tot Ion:172 Resp: 1273111
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.6
170 22.7 18.5 27.7

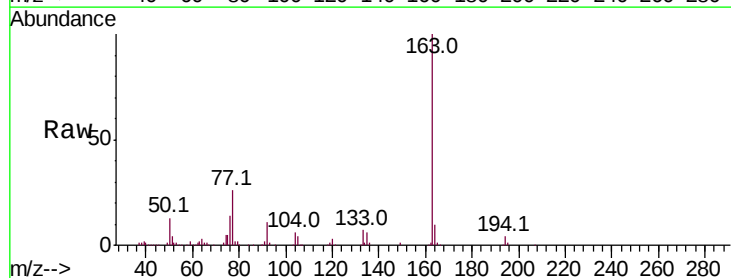


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

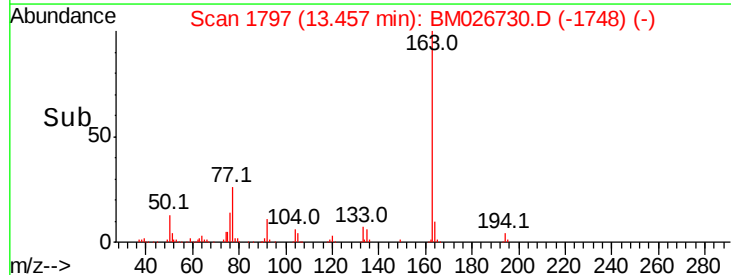
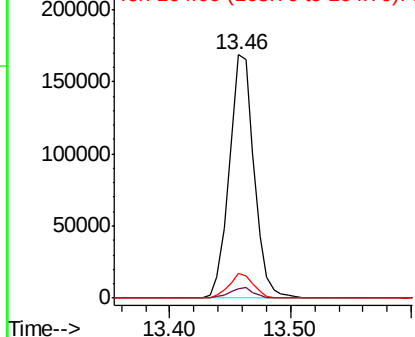


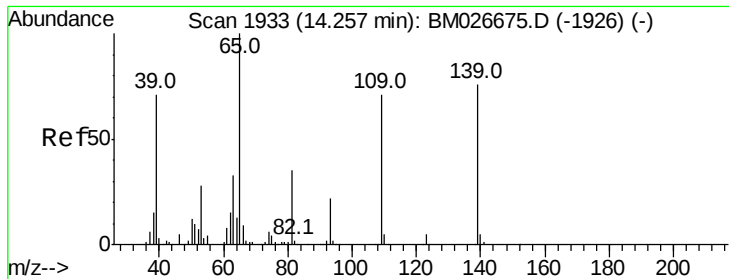
#50
Dimethylphthalate
Concen: 16.312 ng
RT: 13.46 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM026730.D
Acq: 10 Jul 2020 12:44

Tgt Ion:163 Resp: 241808
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 10.1 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





#56

4-Nitrophenol

Concen: 3.935 ng

RT: 14.39 min Scan# 1955

Delta R.T. 0.14 min

Lab File: BM026730.D

Acq: 10 Jul 2020 12:44

Instrument :

BNA_M

ClientSampleId :

OK-02-070720

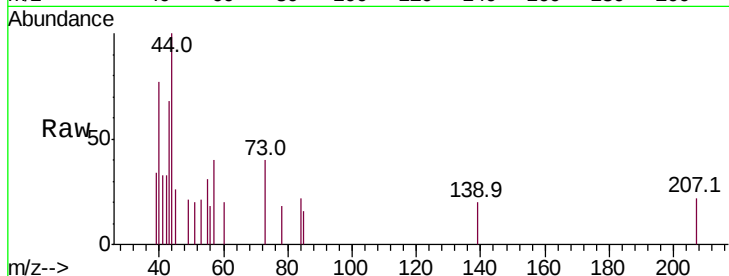
Tot Ion:139 Resp: 70

Ion Ratio Lower Upper

139 100

109 0.0 73.7 113.7#

65 0.0 111.5 151.5#

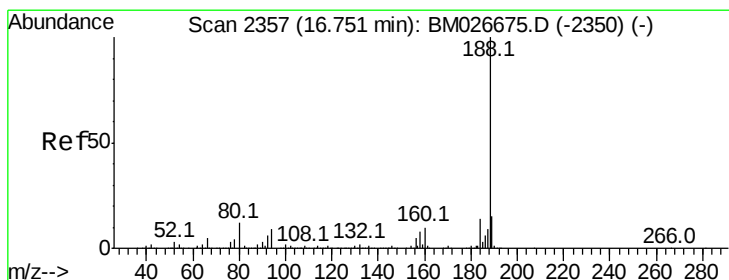
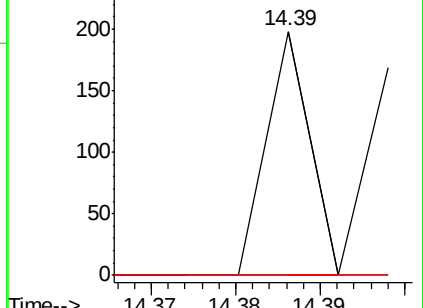
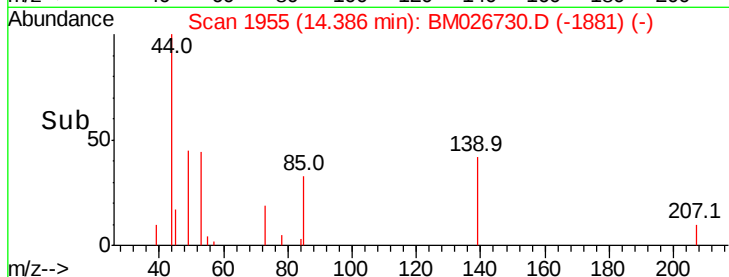


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.74 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BM026730.D

Acq: 10 Jul 2020 12:44

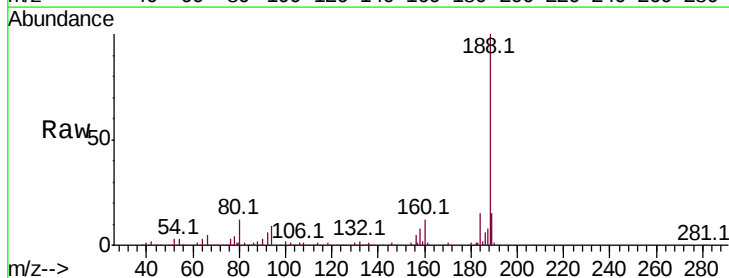
Tgt Ion:188 Resp: 351005

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.0

80 11.8 9.3 13.9

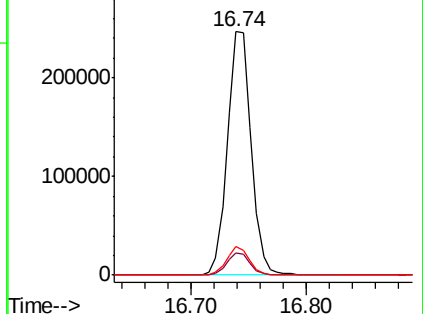
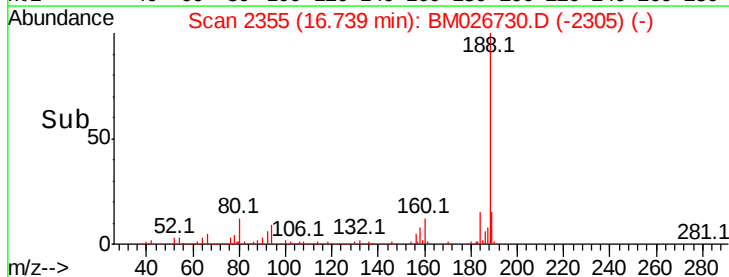


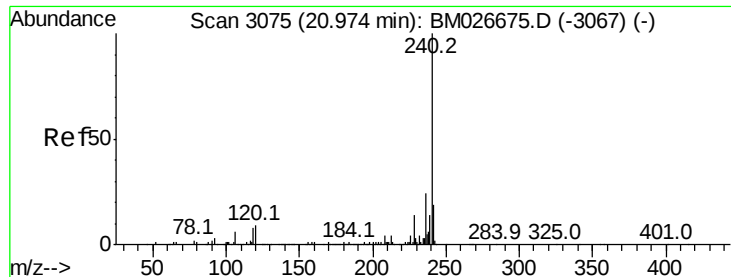
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.96 min Scan# 3073

Delta R.T. 0.00 min

Lab File: BM026730.D

Acq: 10 Jul 2020 12:44

Instrument :

BNA_M

ClientSampleId :

OK-02-070720

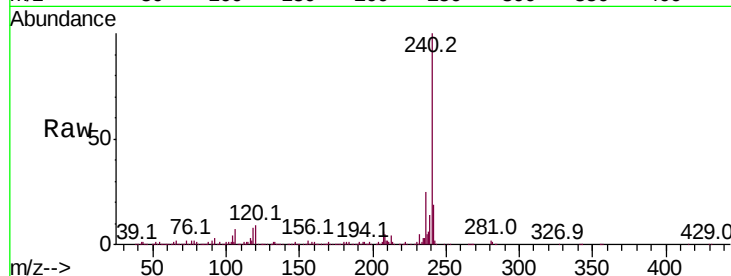
Tot Ion:240 Resp: 368027

Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

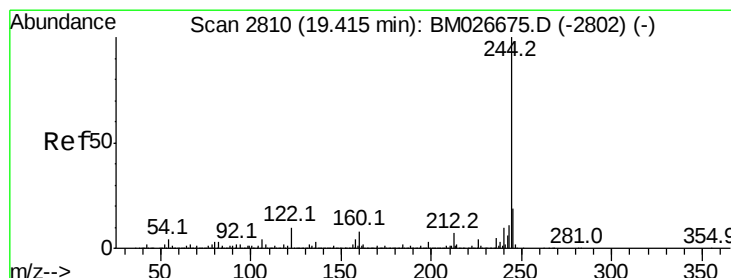
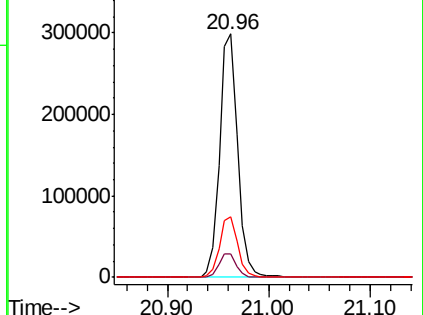
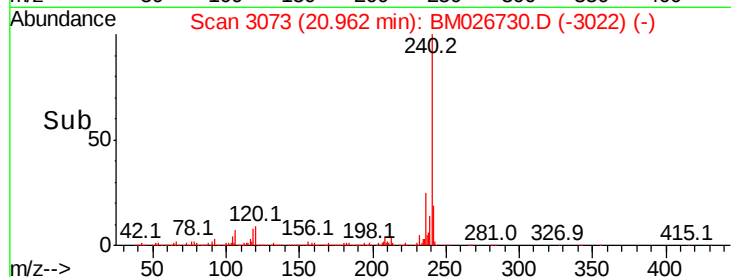
236 24.9 19.4 29.2



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: 108.201 ng

RT: 19.40 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM026730.D

Acq: 10 Jul 2020 12:44

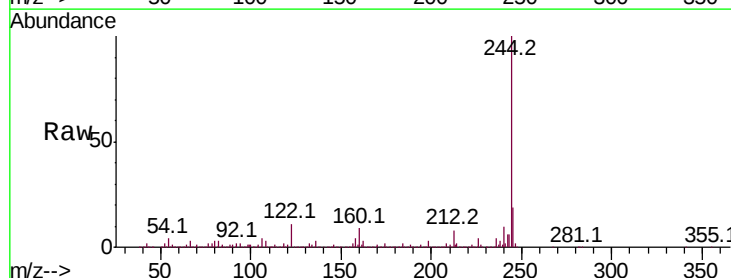
Tgt Ion:244 Resp: 2023397

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

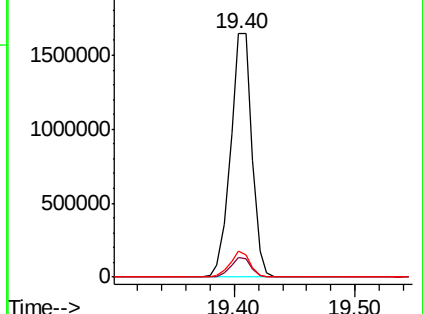
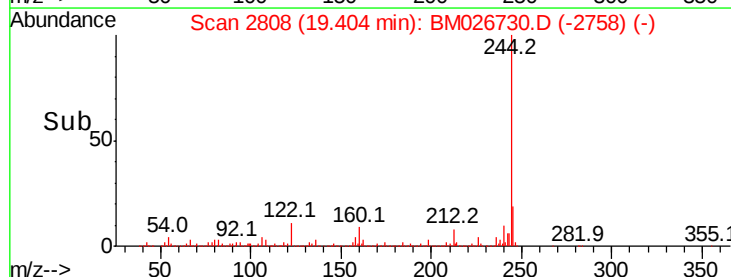
122 10.9 8.2 12.4

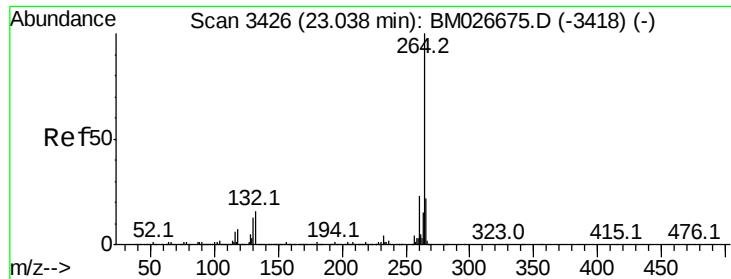


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM026730.D
Acq: 10 Jul 2020 12:44

Instrument :
BNA_M
ClientSampleId :
OK-02-070720

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	21.7	17.6	26.4

