

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020754.D
 Acq On : 06 Jun 2019 01:53
 Operator : HP/JU
 Sample : K3097-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0438-PR-1(PASSAIC)

Quant Time: Jun 06 03:56:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

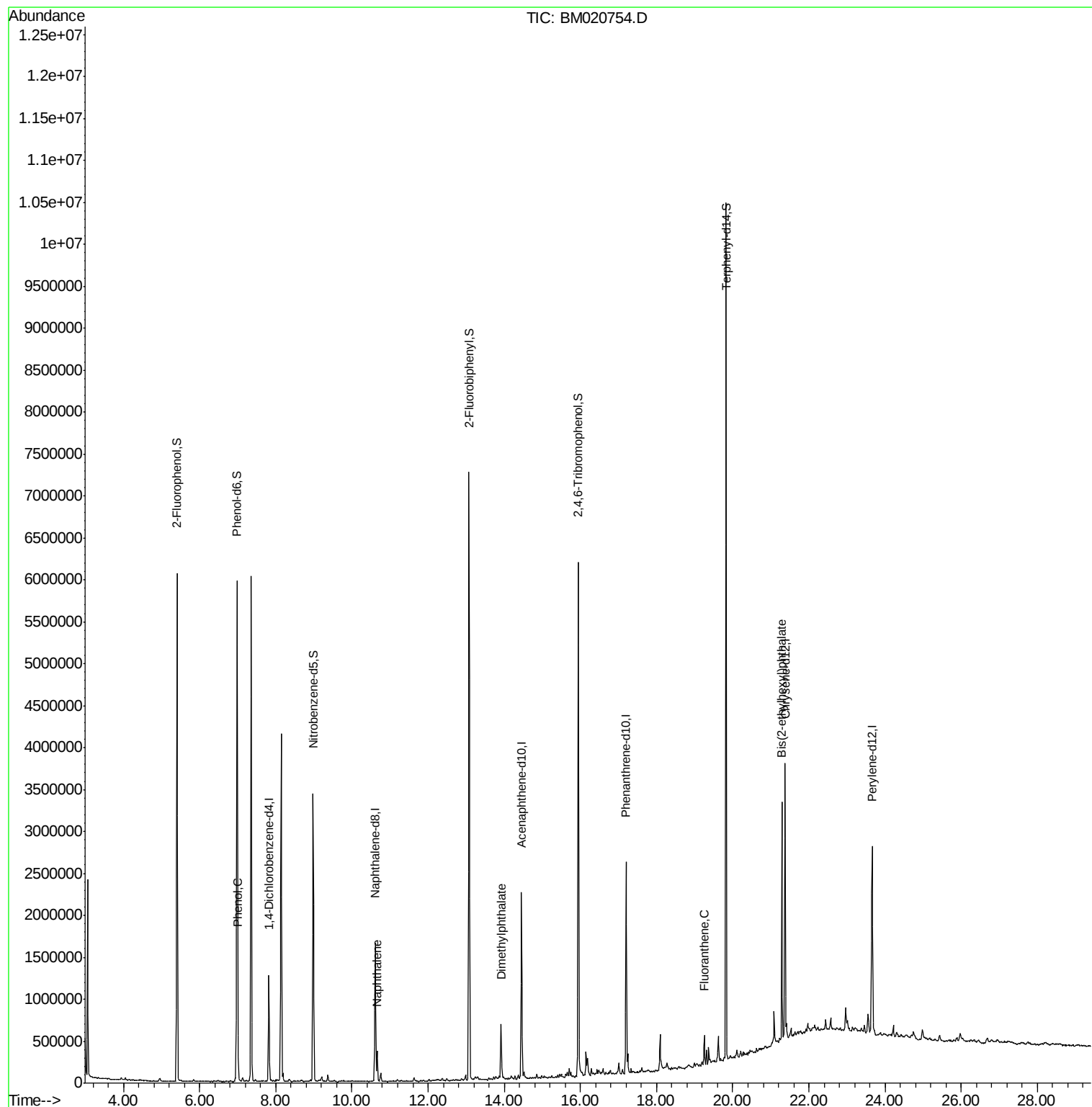
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	333239	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1335967	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	719576	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1484075	20.00	ng	-0.01
76) Chrysene-d12	21.37	240	1383254	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1650806	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	2428090	128.17	ng	-0.01
7) Phenol-d6	6.99	99	3350335	120.11	ng	0.00
23) Nitrobenzene-d5	8.98	82	1967846	76.32	ng	-0.02
42) 2,4,6-Tribromophenol	15.94	330	1159611	130.07	ng	-0.02
45) 2-Fluorobiphenyl	13.07	172	3788337	69.99	ng	-0.02
79) Terphenyl-d14	19.82	244	4714207	57.00	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	10342	Below Cal		Qvalue # 10
10) Phenol	7.01	94	118558	3.944	ng	97
31) Naphthalene	10.66	128	286046	4.164	ng	98
50) Dimethylphthalate	13.92	163	430902	7.009	ng	100
75) Fluoranthene	19.26	202	196964	2.105	ng	98
84) Bis(2-ethylhexyl)phthalate	21.29	149	940449	14.425	ng	99

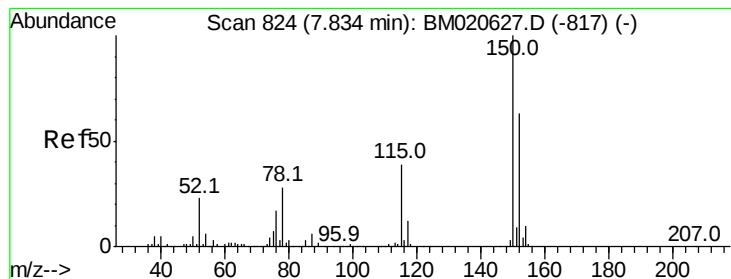
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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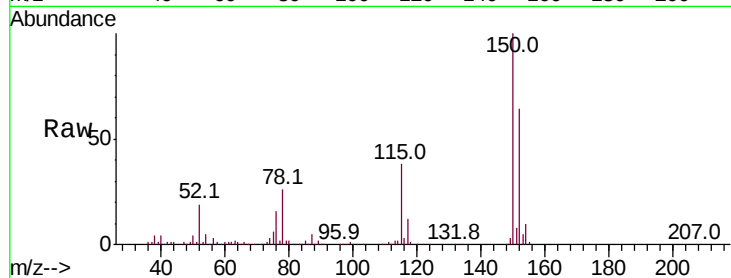


#1

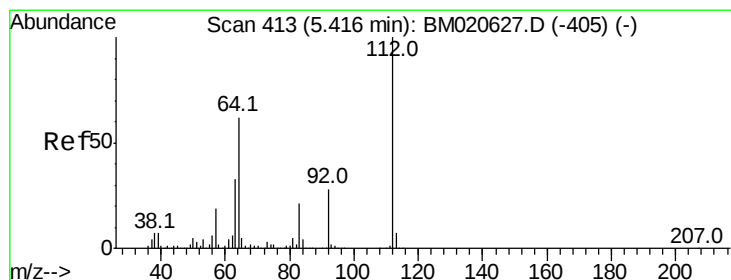
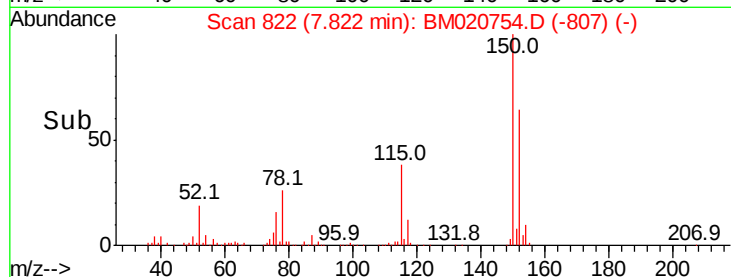
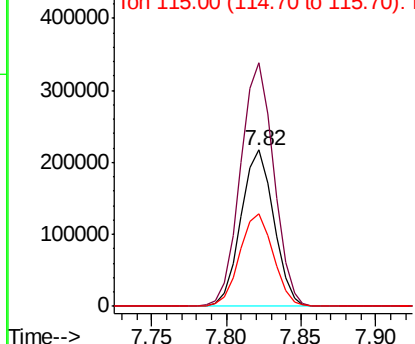
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020754.D
Acq: 06 Jun 2019 01:53

Instrument :
BNA_M
ClientSampleId :
0438-PR-1(PASSAIC)

Tot Ion:152 Resp: 333239
Ion Ratio Lower Upper
152 100
150 156.0 126.0 189.0
115 59.4 49.6 74.4



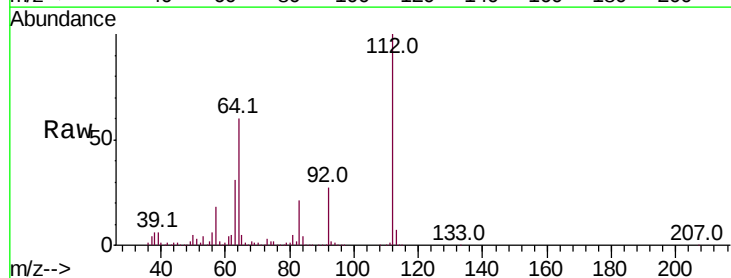
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



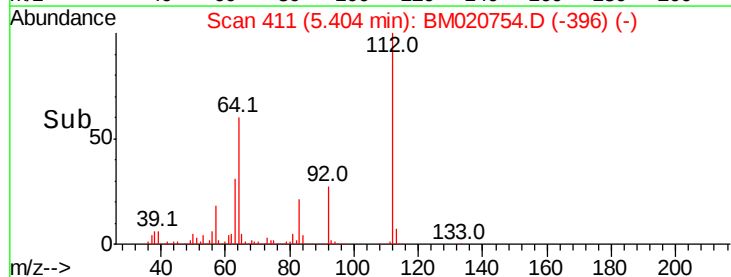
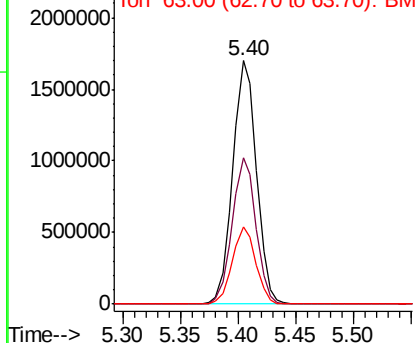
#5

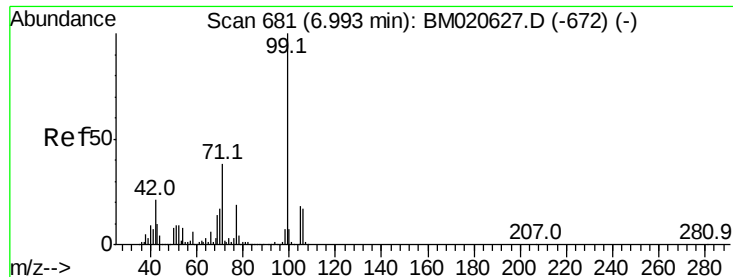
2-Fluorophenol
Concen: 128.171 ng
RT: 5.40 min Scan# 411
Delta R.T. -0.01 min
Lab File: BM020754.D
Acq: 06 Jun 2019 01:53

Tgt Ion:112 Resp: 2428090
Ion Ratio Lower Upper
112 100
64 60.2 49.7 74.5
63 31.5 26.4 39.6



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: 120.107 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

Instrument :

BNA_M

ClientSampleId :

0438-PR-1(PASSAIC)

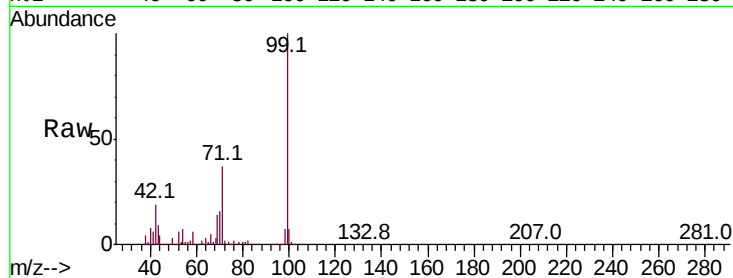
Tot Ion: 99 Resp: 3350335

Ion Ratio Lower Upper

99 100

42 18.6 16.5 24.7

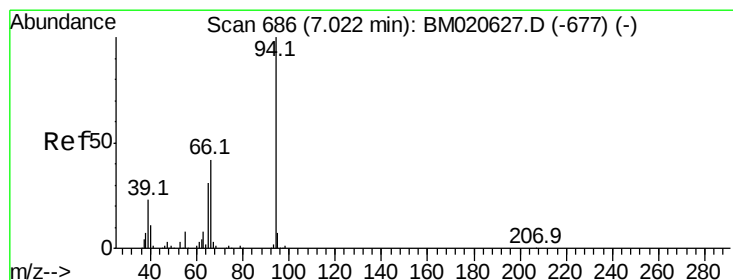
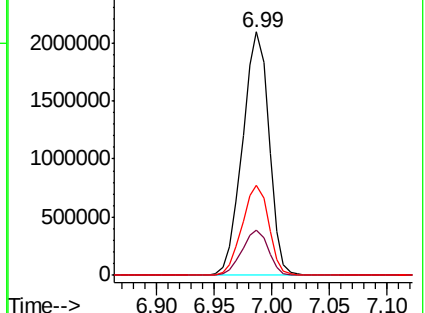
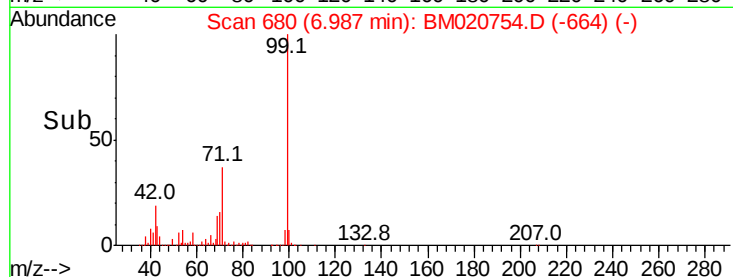
71 37.1 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020627.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM020627.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM020627.D (-672) (-)



#10

Phenol

Concen: 3.944 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

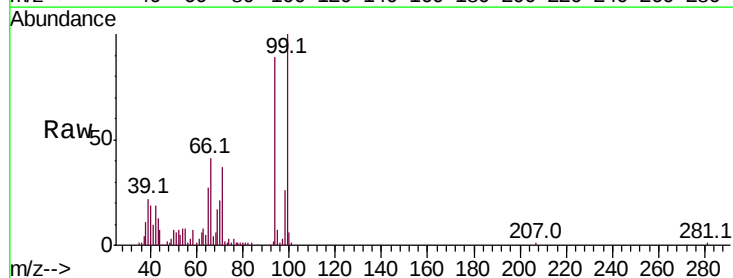
Tgt Ion: 94 Resp: 118558

Ion Ratio Lower Upper

94 100

65 30.8 10.7 50.7

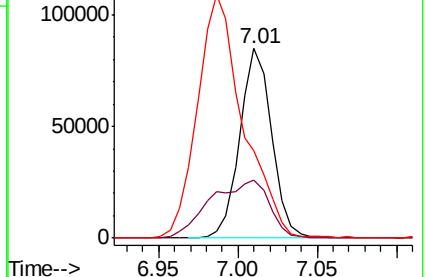
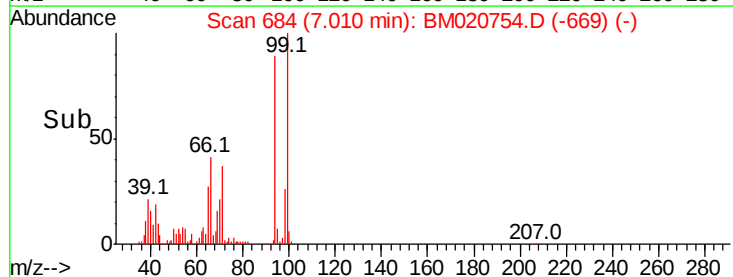
66 45.8 22.3 62.3

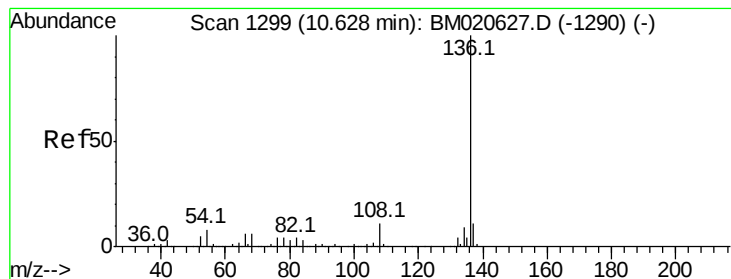


Abundance Ion 94.00 (93.70 to 94.70): BM020627.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM020627.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM020627.D (-677) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

Instrument :

BNA_M

ClientSampleId :

0438-PR-1(PASSAIC)

Tot Ion:136 Resp: 1335967

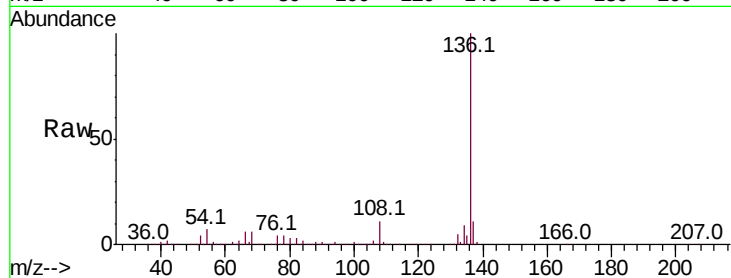
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.3 6.6 10.0

68 6.2 5.1 7.7

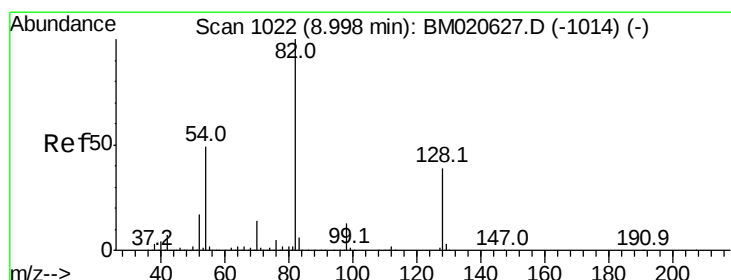
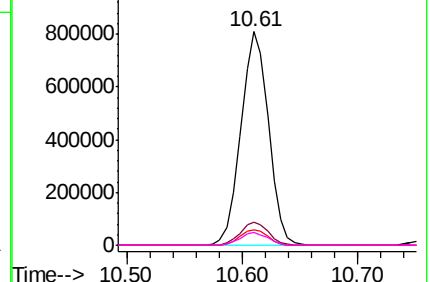
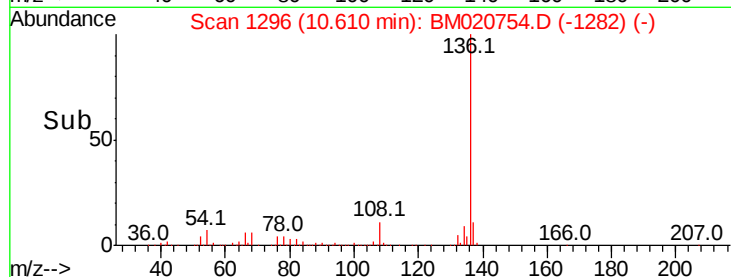


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 76.317 ng

RT: 8.98 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

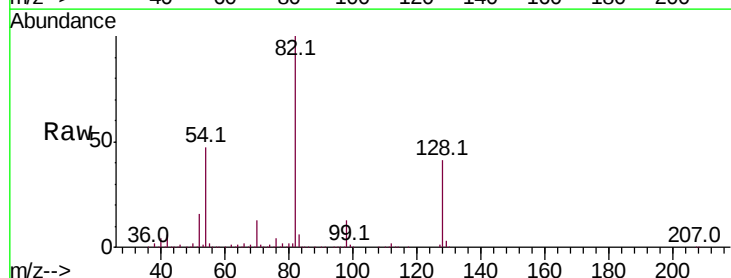
Tgt Ion: 82 Resp: 1967846

Ion Ratio Lower Upper

82 100

128 41.2 31.5 47.3

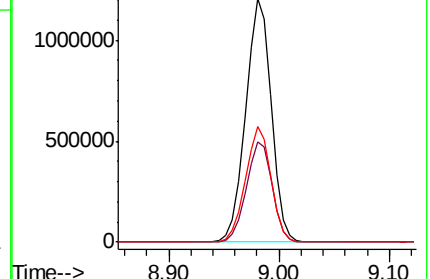
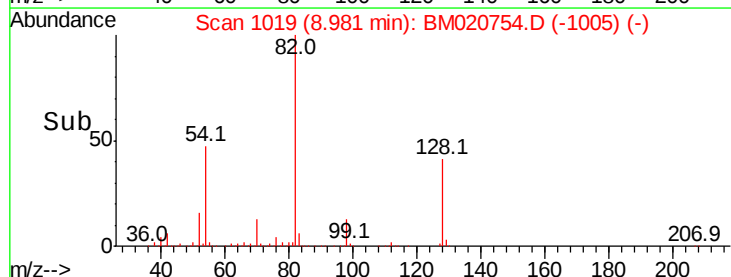
54 47.2 39.4 59.0

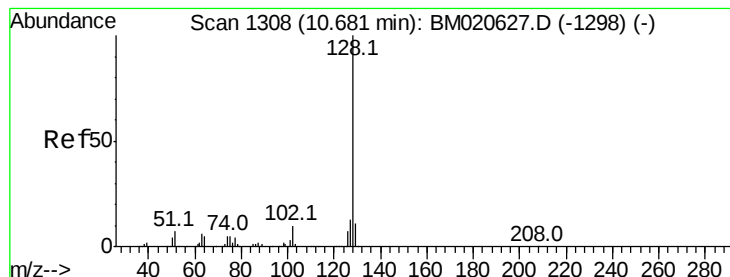


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#31

Naphthalene

Concen: 4.164 ng

RT: 10.66 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

Instrument :

BNA_M

ClientSampleId :

0438-PR-1(PASSAIC)

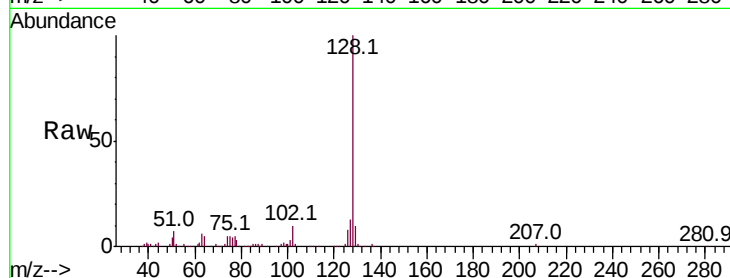
Tot Ion:128 Resp: 286046

Ion Ratio Lower Upper

128 100

129 10.0 8.7 13.1

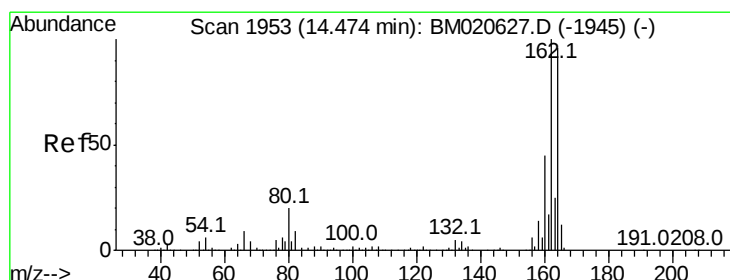
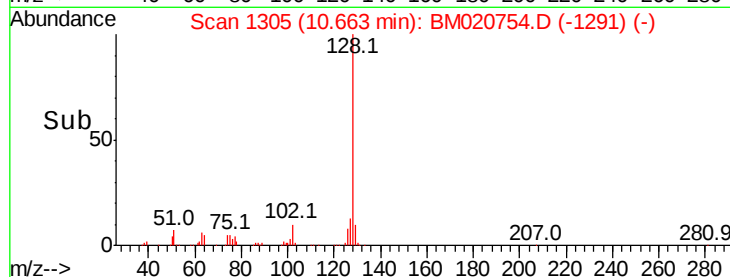
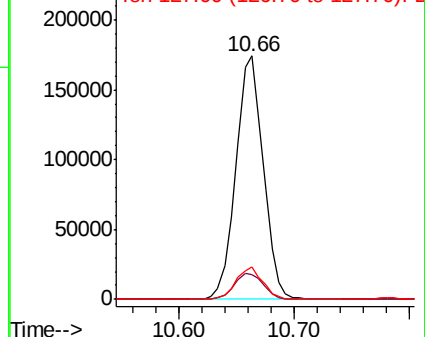
127 13.5 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

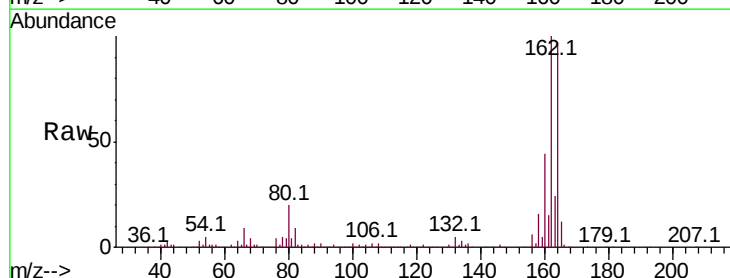
Tgt Ion:164 Resp: 719576

Ion Ratio Lower Upper

164 100

162 102.9 83.2 124.8

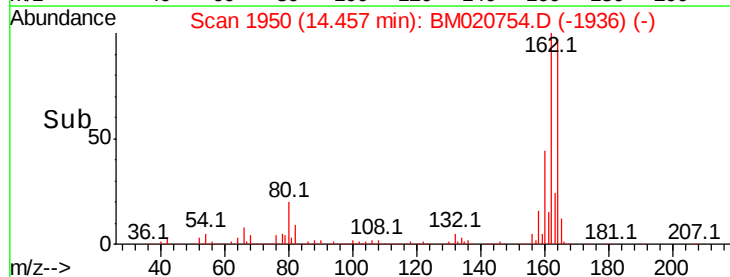
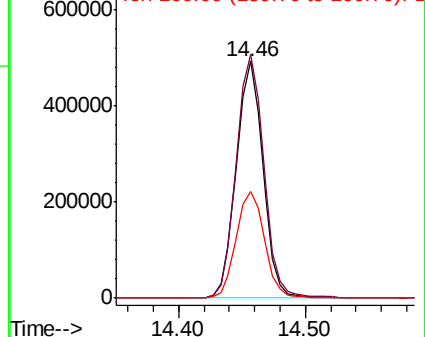
160 45.0 37.5 56.3

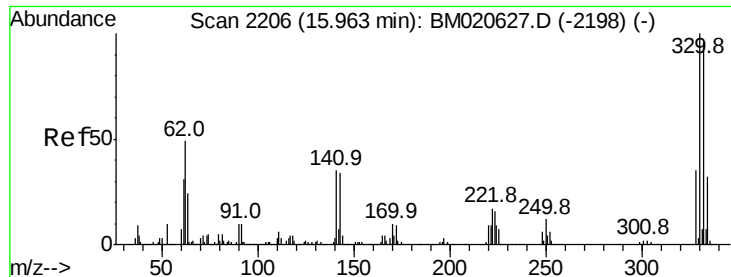


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



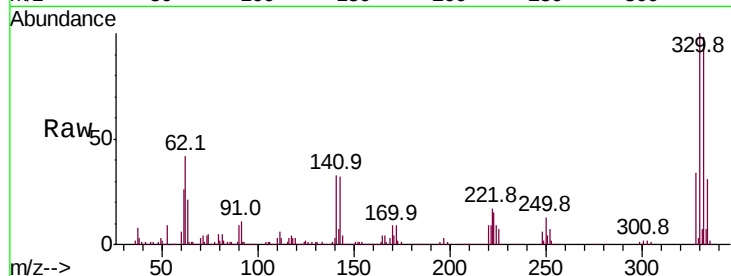


#42
 2,4,6-Tribromophenol
 Concen: 130.067 ng
 RT: 15.94 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BM020754.D
 Acq: 06 Jun 2019 01:53

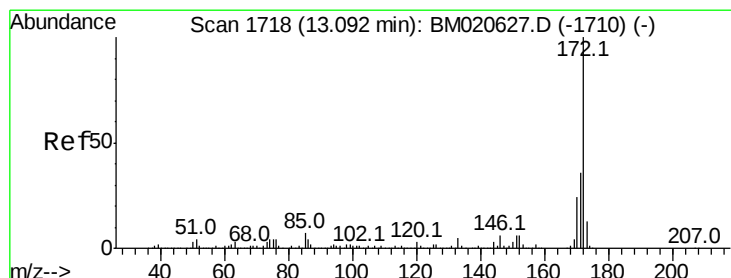
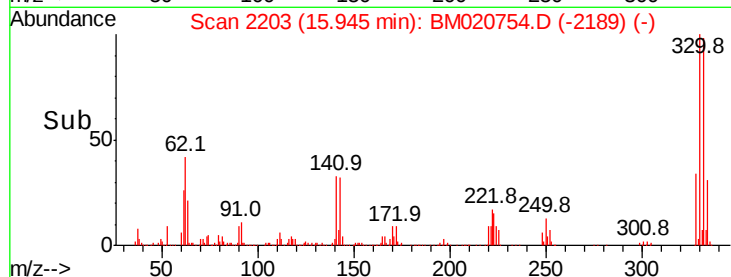
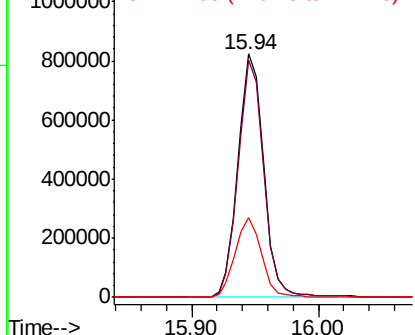
Instrument :
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 0438-PR-1(PASSAIC)

Tot Ion:330 Resp: 1159611

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	33.3	30.4	45.6



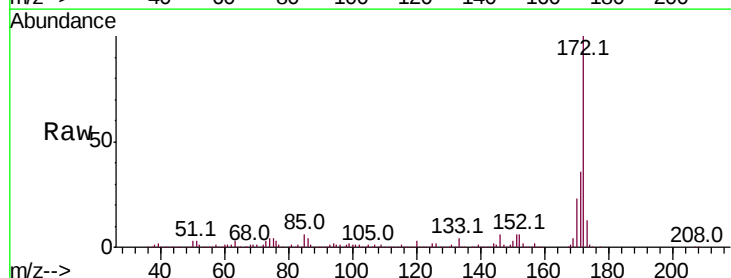
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



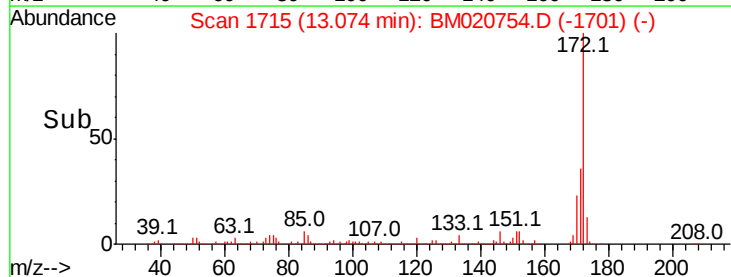
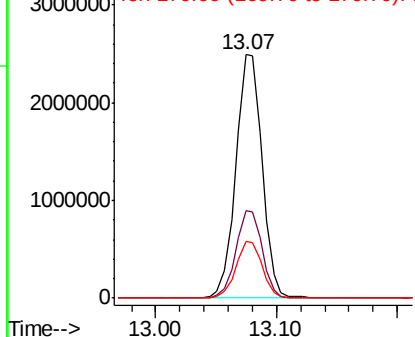
#45
 2-Fluorobiphenyl
 Concen: 69.991 ng
 RT: 13.07 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM020754.D
 Acq: 06 Jun 2019 01:53

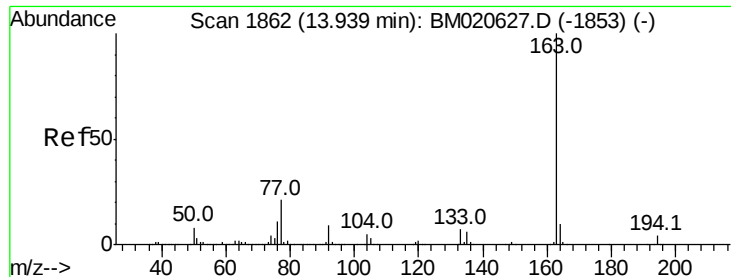
Tgt Ion:172 Resp: 3788337

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.2	18.9	28.3



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: 7.009 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

Instrument :

BNA_M

ClientSampleId :

0438-PR-1(PASSAIC)

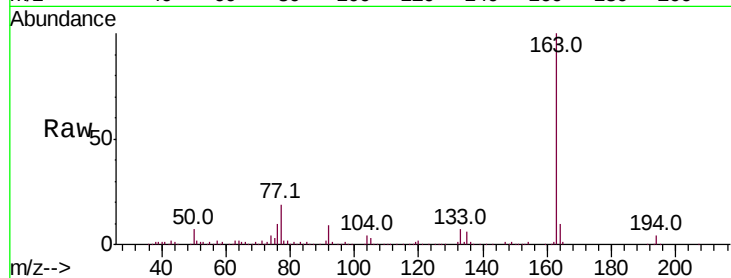
Tot Ion:163 Resp: 430902

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

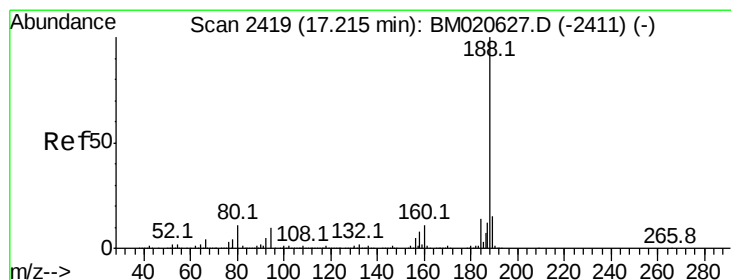
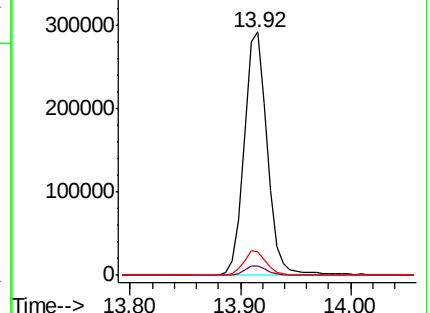
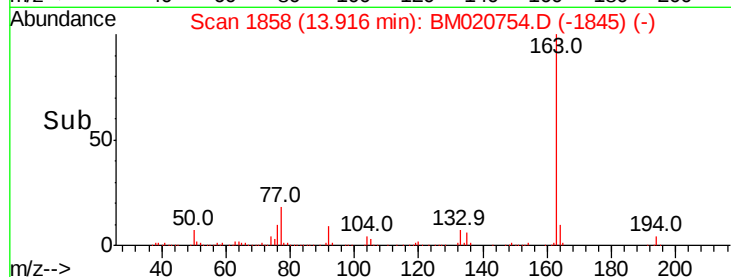
164 9.7 7.9 11.9



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: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

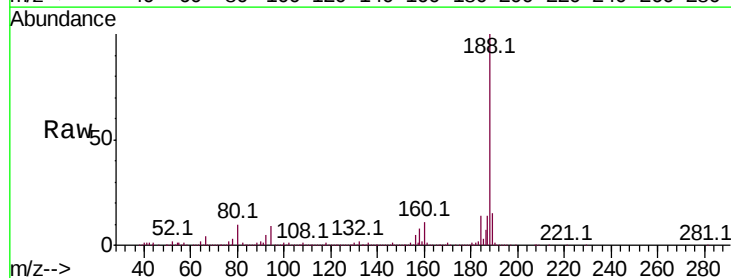
Tgt Ion:188 Resp: 1484075

Ion Ratio Lower Upper

188 100

94 8.5 7.8 11.8

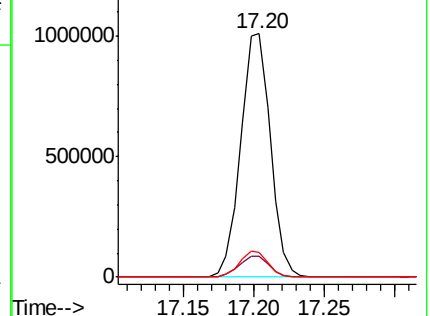
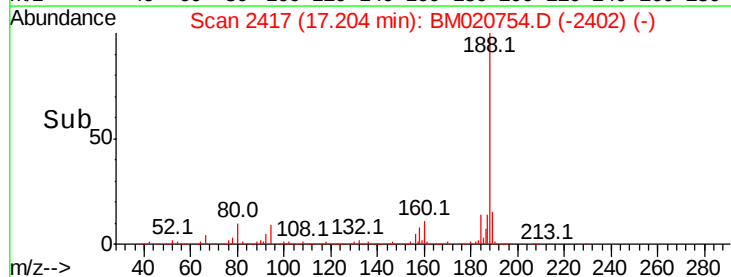
80 9.9 9.0 13.6

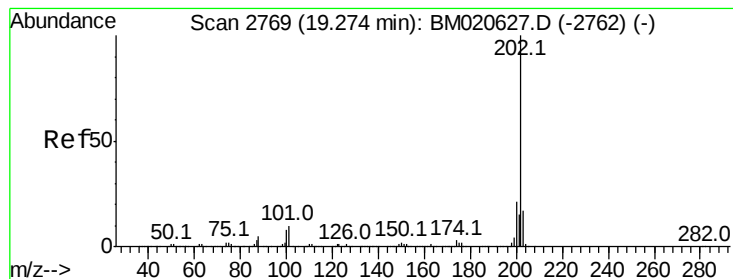


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.105 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

Instrument :

BNA_M

ClientSampleId :

0438-PR-1(PASSAIC)

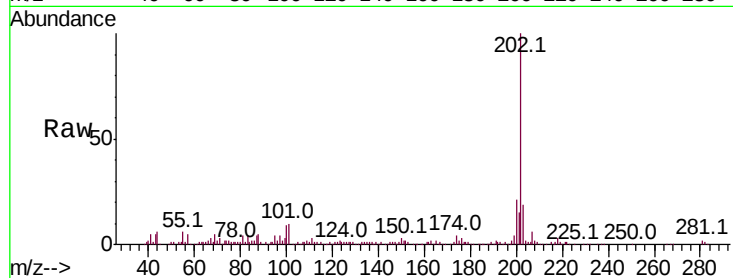
Tot Ion:202 Resp: 196964

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.4

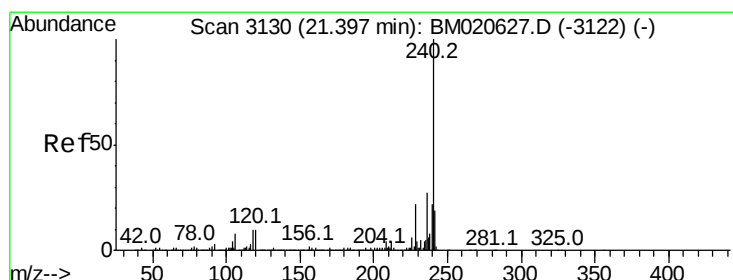
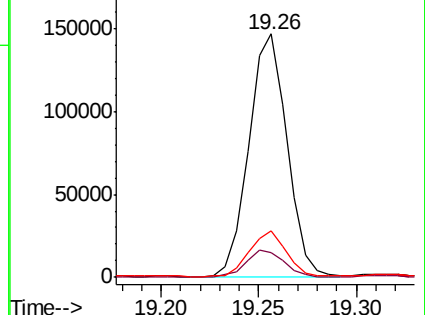
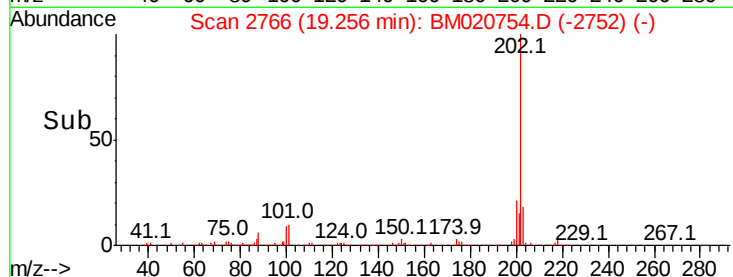
203 19.0 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

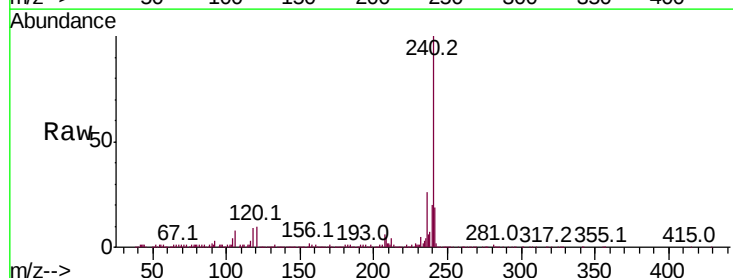
Tgt Ion:240 Resp: 1383254

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

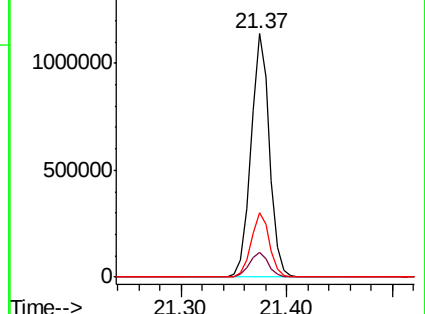
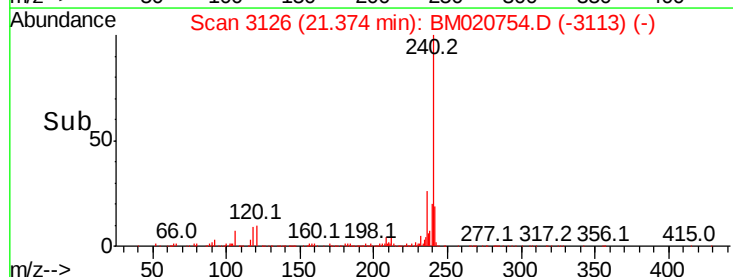
236 26.3 21.2 31.8

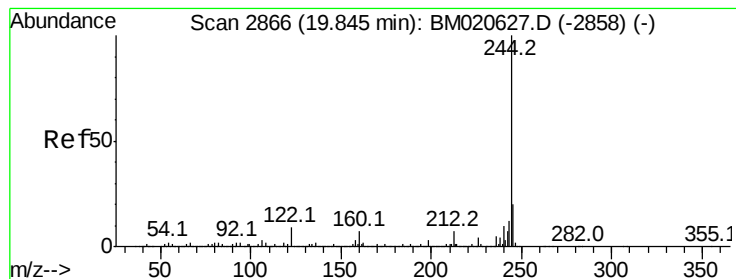


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.005 ng

RT: 19.82 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

Instrument :

BNA_M

ClientSampleId :

0438-PR-1(PASSAIC)

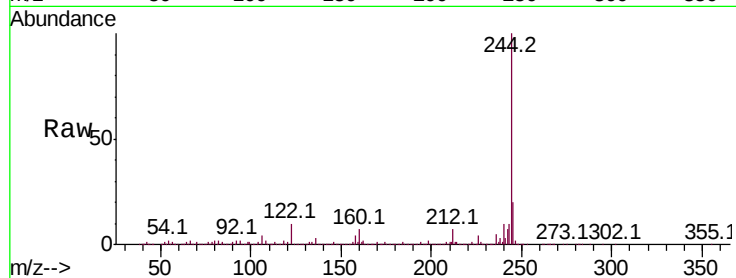
Tot Ion:244 Resp: 4714207

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

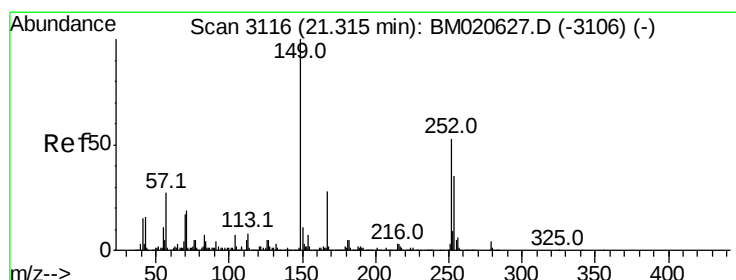
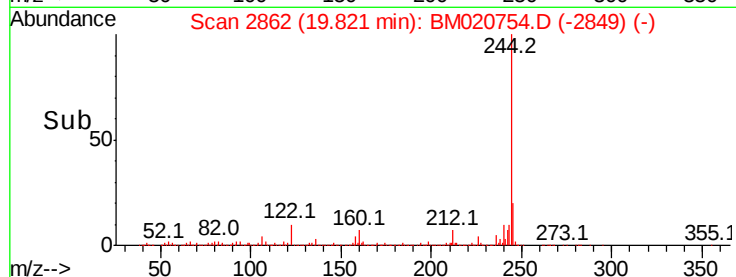
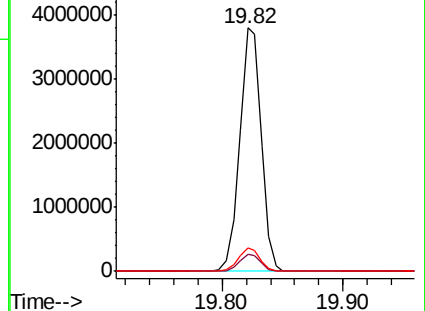
122 9.8 7.2 10.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 14.425 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BM020754.D

Acq: 06 Jun 2019 01:53

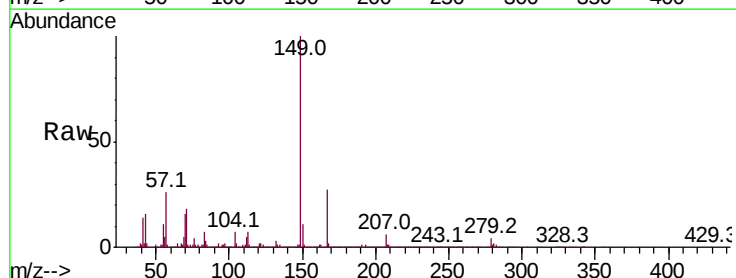
Tgt Ion:149 Resp: 940449

Ion Ratio Lower Upper

149 100

167 26.8 22.1 33.1

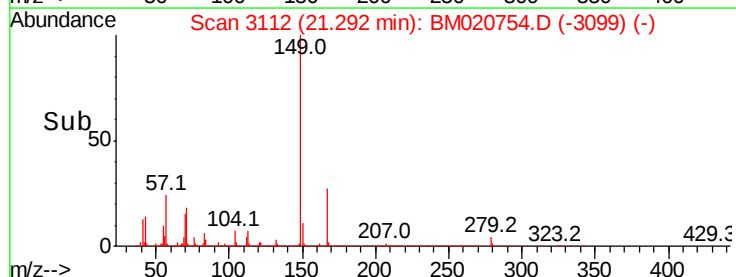
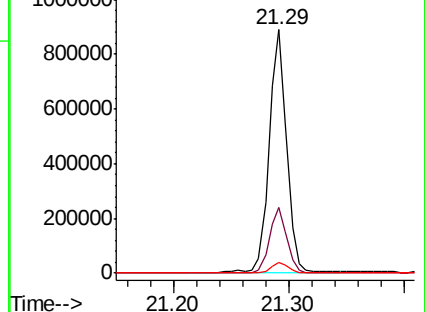
279 4.4 3.4 5.0

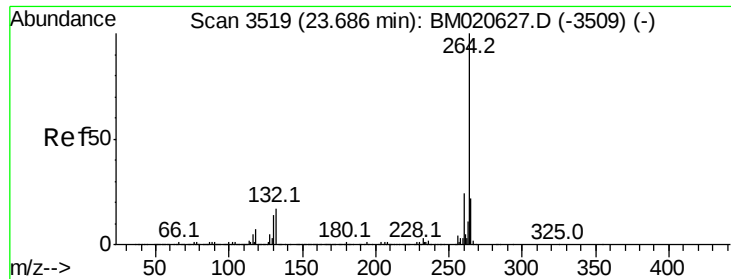


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlone-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BM020754.D
Acq: 06 Jun 2019 01:53

Instrument :
BNA_M
ClientSampleId :
0438-PR-1(PASSAIC)

Tot Ion:264 Resp: 1650806

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.6	26.4

