

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018473.D
 Acq On : 09 Jan 2019 15:15
 Operator : JU/SJ
 Sample : K1088-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-07(15-20)

Quant Time: Jan 10 05:38:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

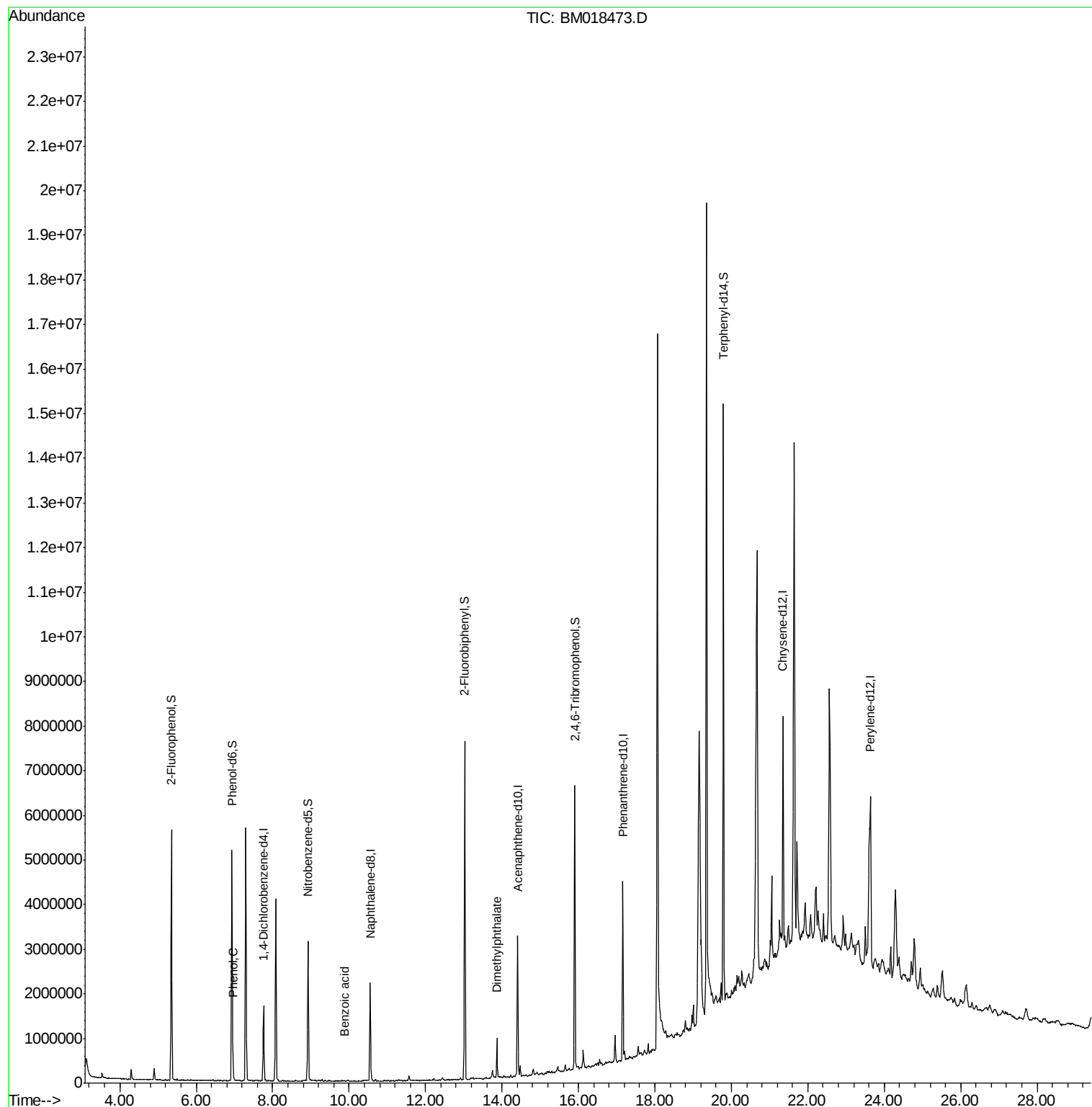
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	456339	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1799834	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1018694	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2303579	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2389713	20.00	ng	0.00
87) Perylene-d12	23.64	264	2299204	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2299093	93.03	ng	0.00
7) Phenol-d6	6.93	99	2862671	91.20	ng	0.00
23) Nitrobenzene-d5	8.93	82	1698988	54.72	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1102331	84.99	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	3880119	49.70	ng	0.00
79) Terphenyl-d14	19.79	244	5741239	50.65	ng	0.00
Target Compounds						
10) Phenol	6.96	94	132114	4.142	ng	91
32) Benzoic acid	9.87	122	148	6.511	ng	# 1
50) Dimethylphthalate	13.87	163	537878	6.429	ng	99

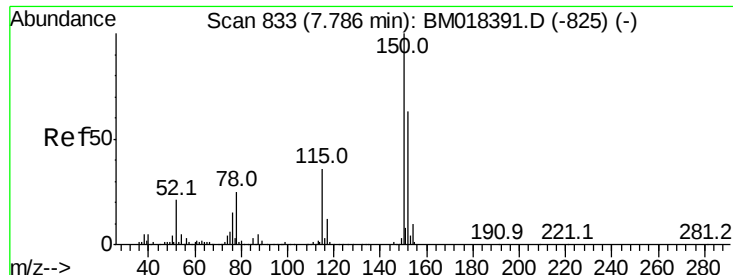
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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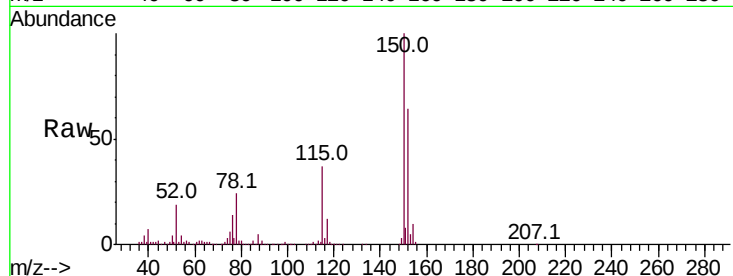


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018473.D
Acq: 09 Jan 2019 15:15

Instrument :
BNA_M
ClientSampleId :
CPSB-07(15-20)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.9	190.3
115	58.3	45.5	68.3

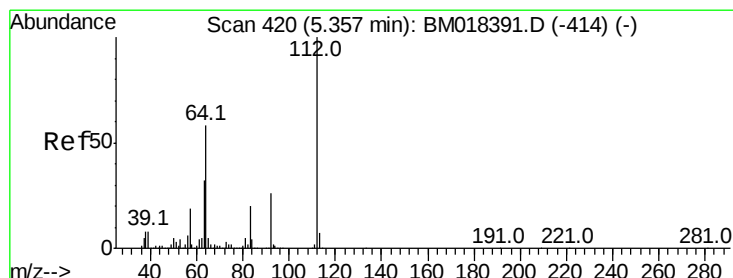
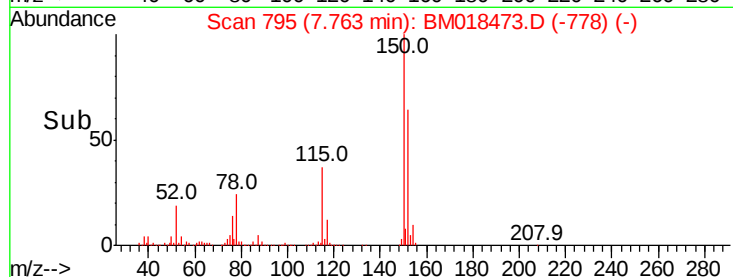
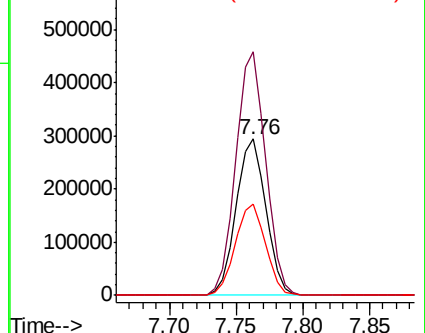


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

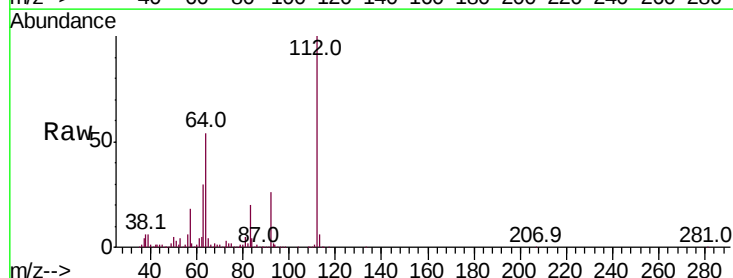
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.029 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018473.D
Acq: 09 Jan 2019 15:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.5	69.7
63	29.9	25.2	37.8

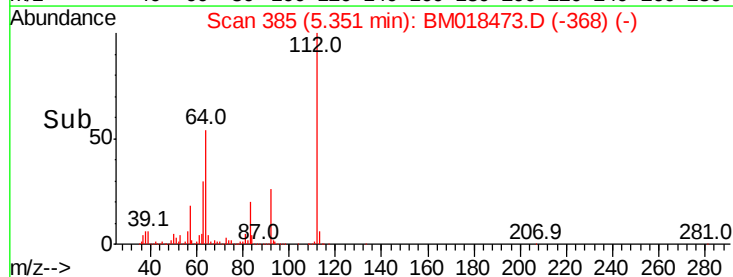
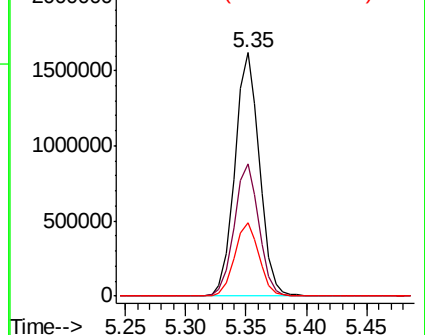


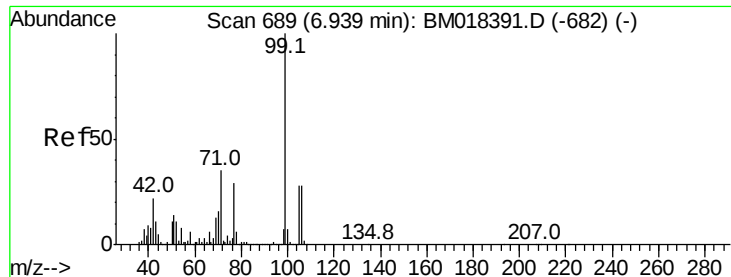
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 91.198 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018473.D

Acq: 09 Jan 2019 15:15

Instrument :

BNA_M

ClientSampleId :

CPSB-07(15-20)

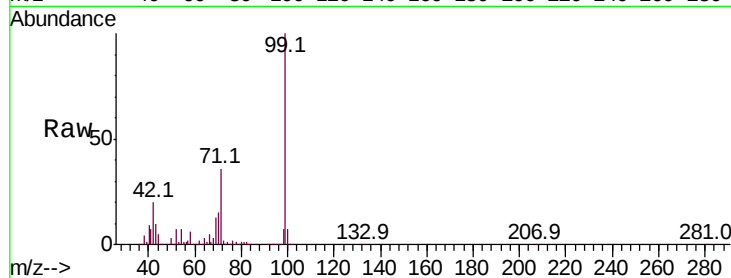
Tot Ion: 99 Resp: 2862671

Ion Ratio Lower Upper

99 100

42 20.1 17.3 25.9

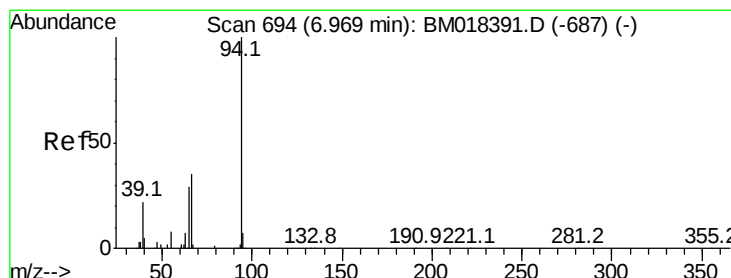
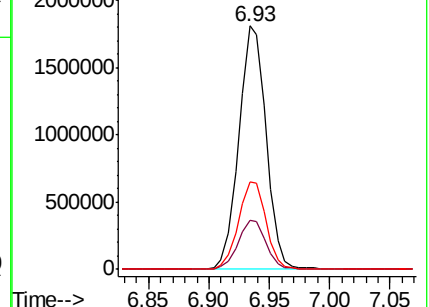
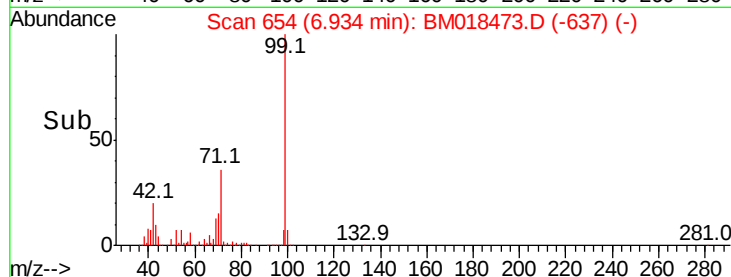
71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#10

Phenol

Concen: 4.142 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM018473.D

Acq: 09 Jan 2019 15:15

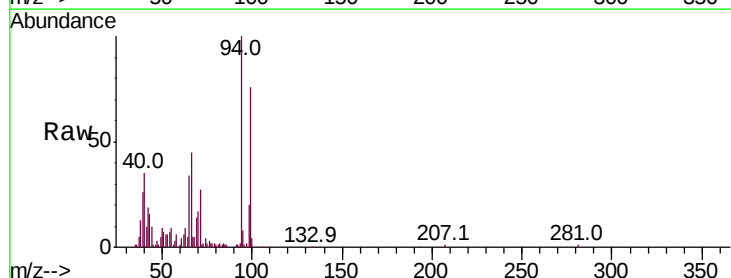
Tgt Ion: 94 Resp: 132114

Ion Ratio Lower Upper

94 100

65 34.5 9.4 49.4

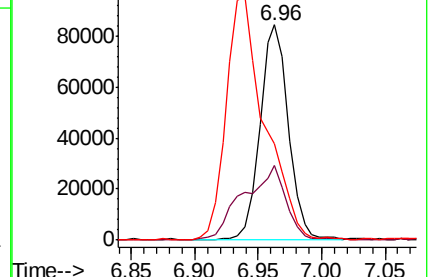
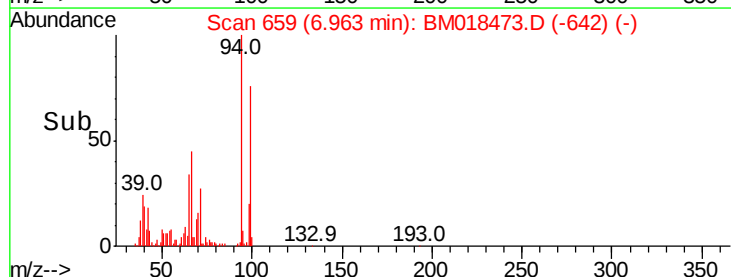
66 44.9 19.1 59.1

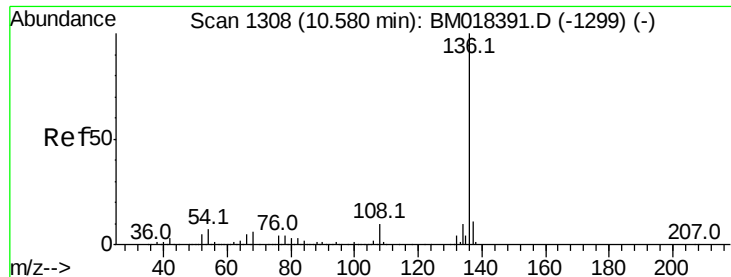


Abundance Ion 94.00 (93.70 to 94.70): BM018391.D (-687) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-687) (-)

Ion 66.00 (65.70 to 66.70): BM018391.D (-687) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM018473.D

Acq: 09 Jan 2019 15:15

Instrument :

BNA_M

ClientSampleId :

CPSB-07(15-20)

Tot Ion:136 Resp: 1799834

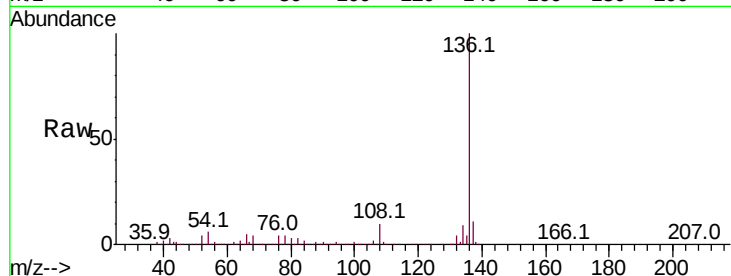
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.4 6.0 9.0

68 4.4 4.5 6.7#

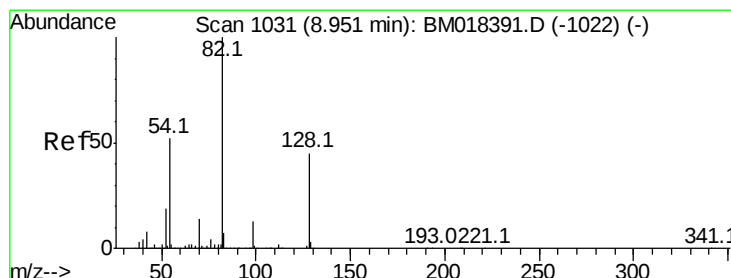
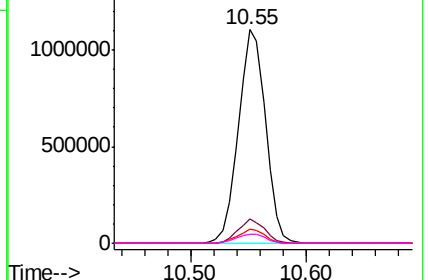
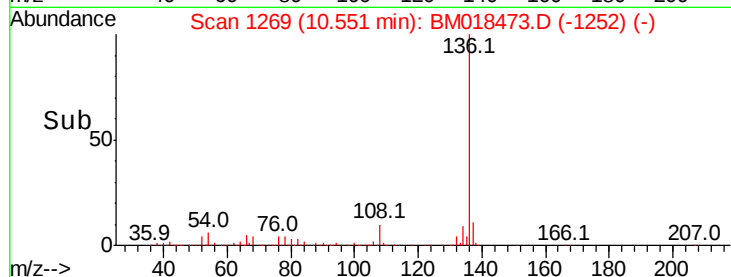


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.723 ng

RT: 8.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BM018473.D

Acq: 09 Jan 2019 15:15

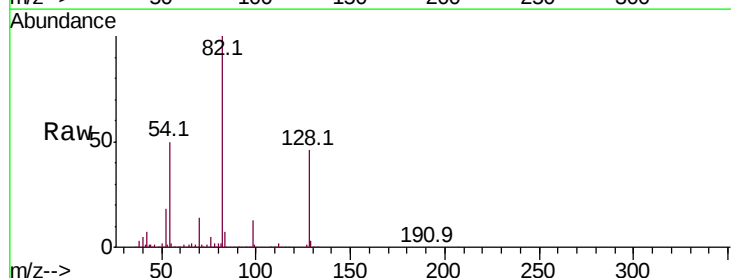
Tgt Ion: 82 Resp: 1698988

Ion Ratio Lower Upper

82 100

128 46.0 36.3 54.5

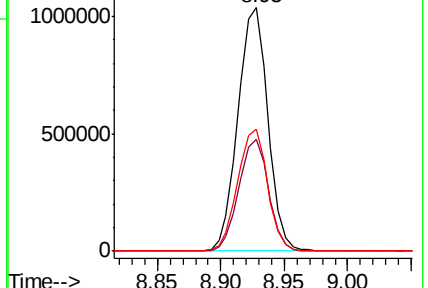
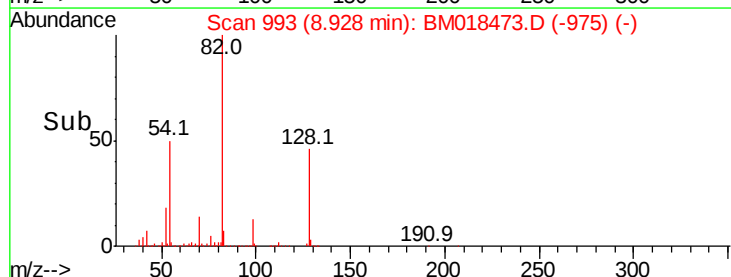
54 50.2 41.7 62.5

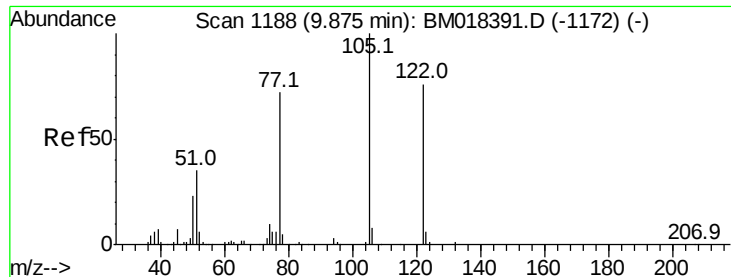


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

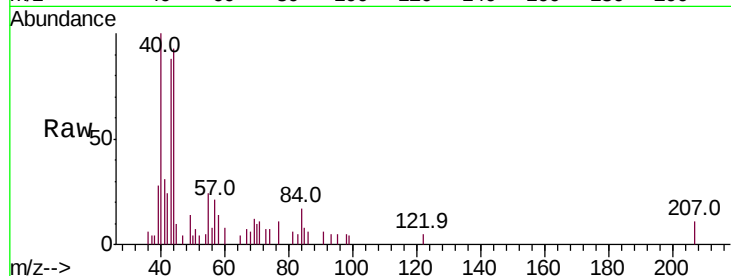




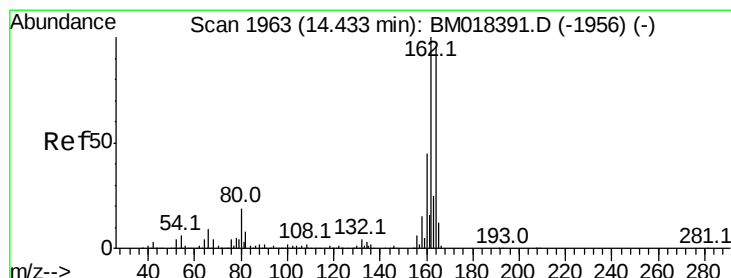
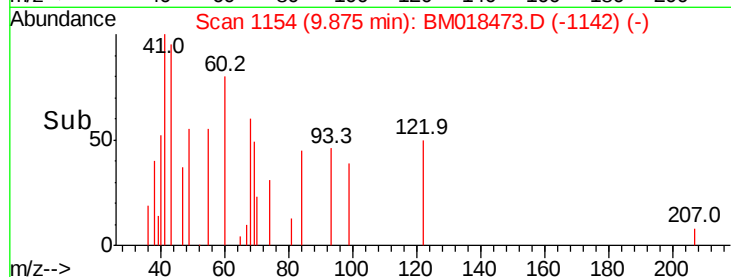
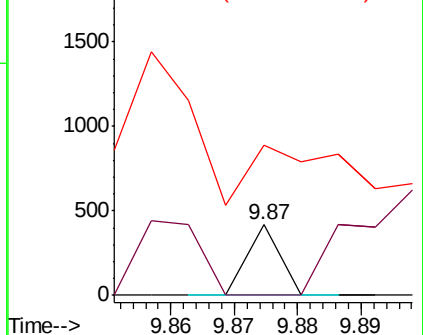
#32
Benzoic acid
Concen: 6.511 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BM018473.D
Acq: 09 Jan 2019 15:15

Instrument :
BNA_M
ClientSampleId :
CPSB-07(15-20)

Tot Ion:122 Resp: 148
Ion Ratio Lower Upper
122 100
105 0.0 100.4 140.4#
77 211.5 71.7 111.7#

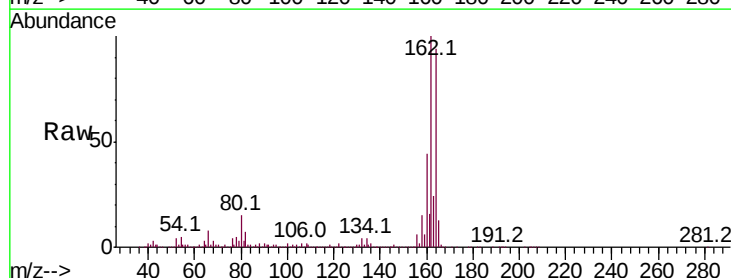


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

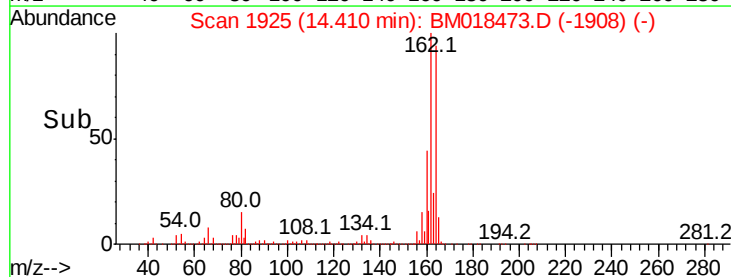
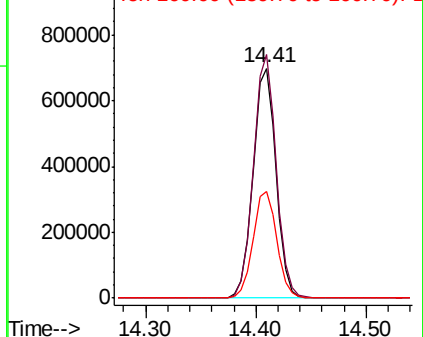


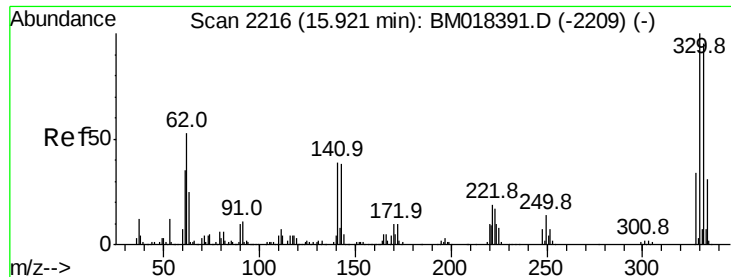
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018473.D
Acq: 09 Jan 2019 15:15

Tgt Ion:164 Resp: 1018694
Ion Ratio Lower Upper
164 100
162 106.0 83.0 124.4
160 46.7 37.1 55.7



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: 84.985 ng

RT: 15.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BM018473.D

Acq: 09 Jan 2019 15:15

Instrument :

BNA_M

ClientSampleId :

CPSB-07(15-20)

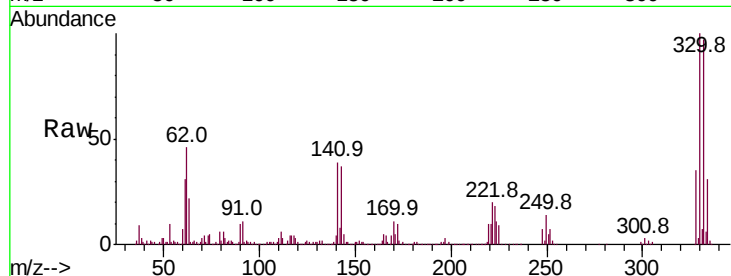
Tot Ion:330 Resp: 1102331

Ion Ratio Lower Upper

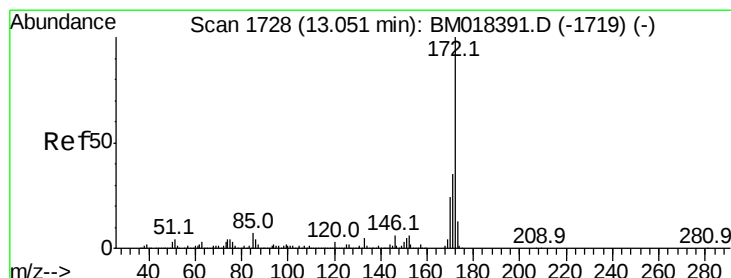
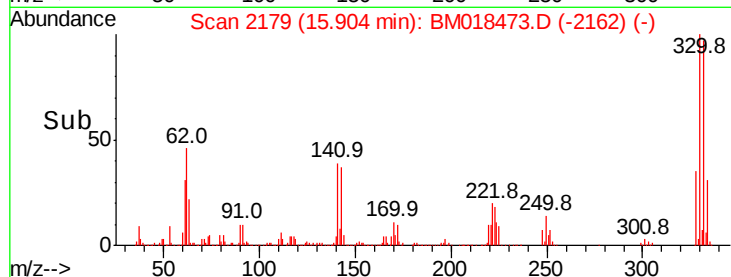
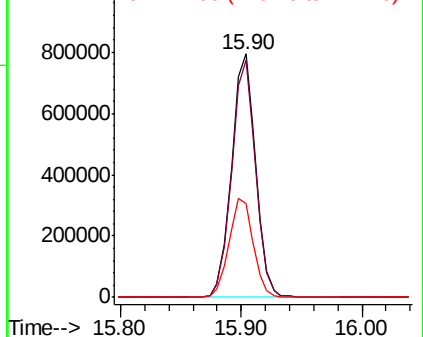
330 100

332 96.5 77.6 116.4

141 41.0 31.7 47.5



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: 49.701 ng

RT: 13.03 min Scan# 1690

Delta R.T. 0.01 min

Lab File: BM018473.D

Acq: 09 Jan 2019 15:15

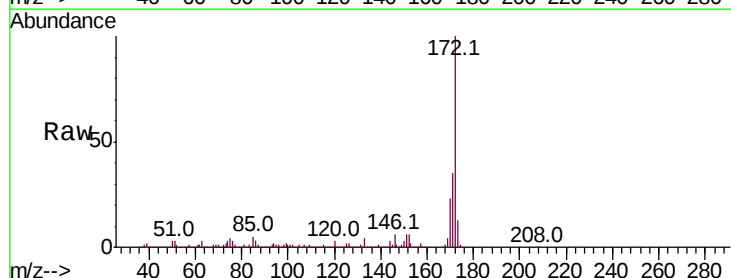
Tgt Ion:172 Resp: 3880119

Ion Ratio Lower Upper

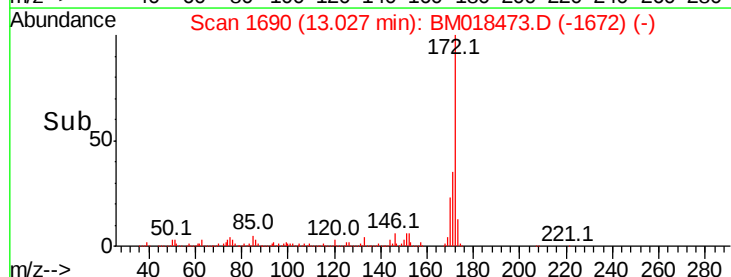
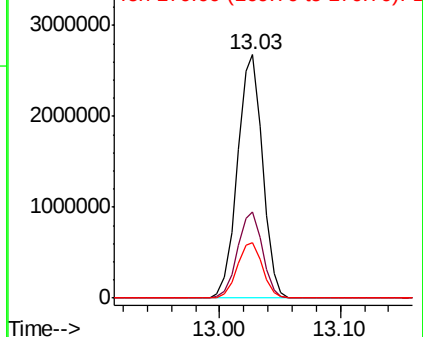
172 100

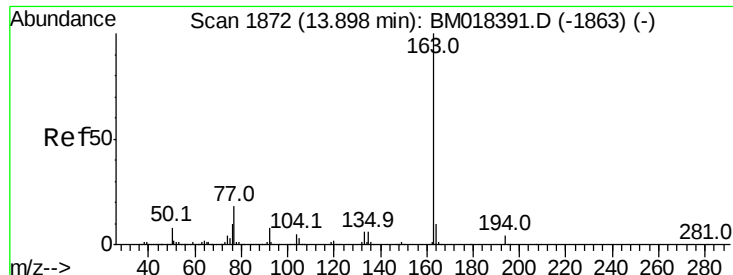
171 35.3 28.2 42.4

170 22.7 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

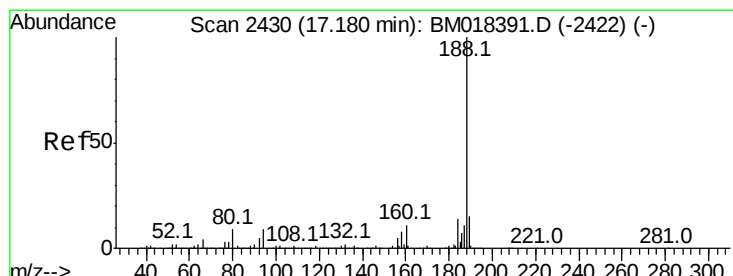
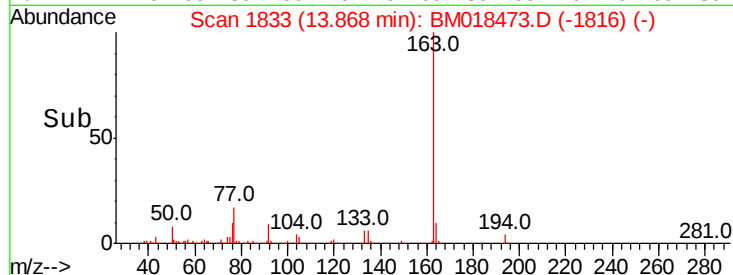
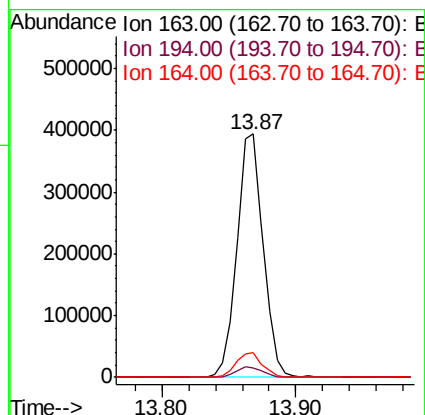
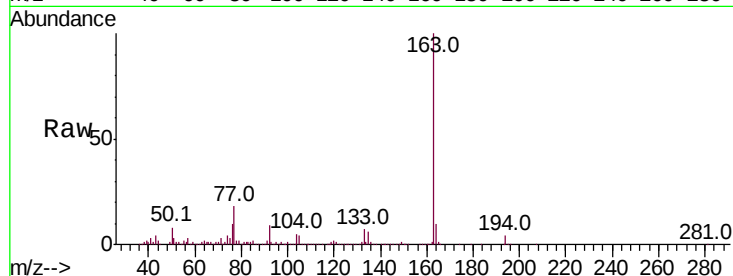




#50
Dimethylphthalate
Concen: 6.429 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM018473.D
Acq: 09 Jan 2019 15:15

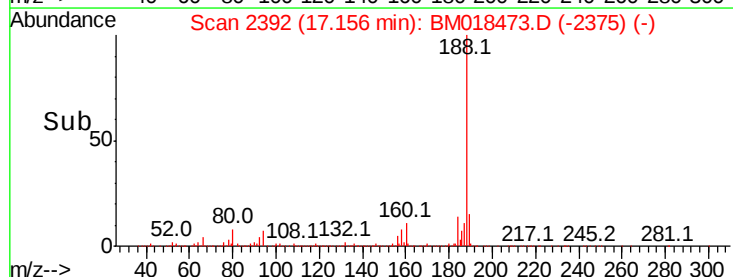
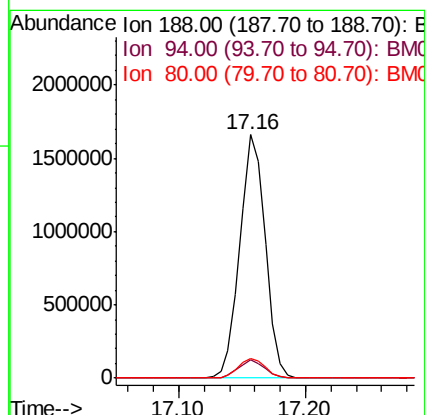
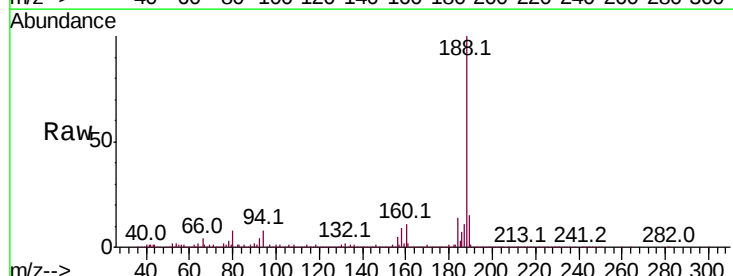
Instrument :
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CPSB-07(15-20)

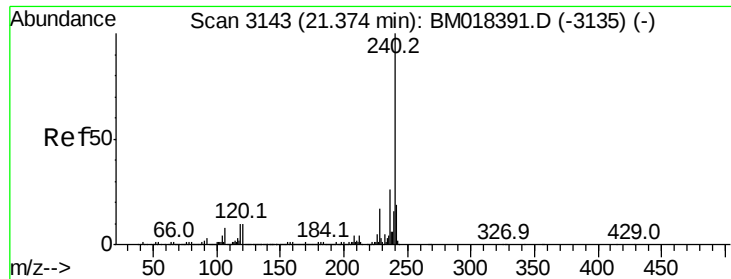
Tot Ion:163 Resp: 537878
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.3 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018473.D
Acq: 09 Jan 2019 15:15

Tgt Ion:188 Resp: 2303579
Ion Ratio Lower Upper
188 100
94 7.5 7.1 10.7
80 8.2 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM018473.D

Acq: 09 Jan 2019 15:15

Instrument :

BNA_M

ClientSampleId :

CPSB-07(15-20)

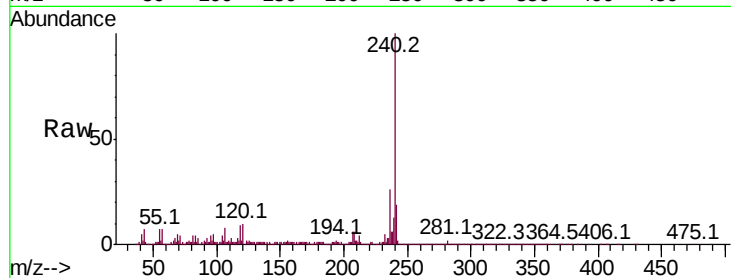
Tot Ion:240 Resp: 2389713

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

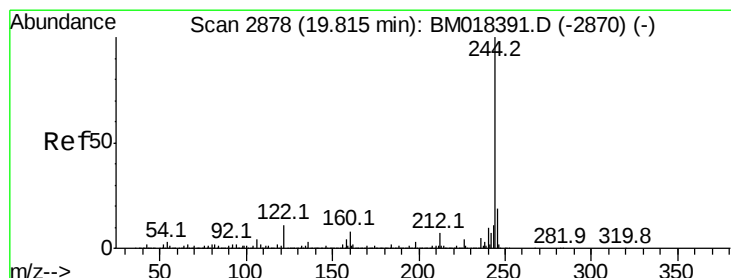
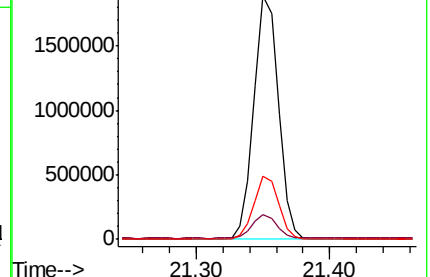
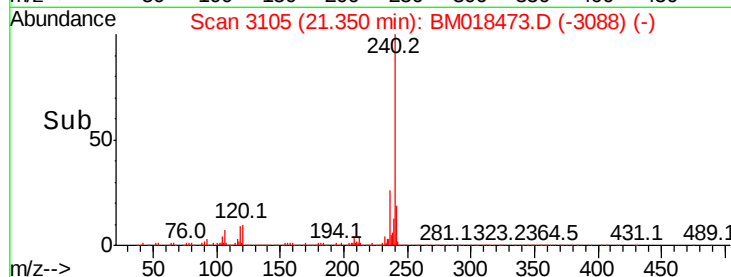
236 26.0 20.7 31.1



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: 50.645 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018473.D

Acq: 09 Jan 2019 15:15

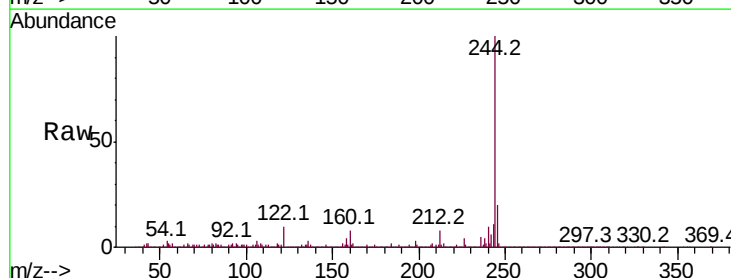
Tgt Ion:244 Resp: 5741239

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

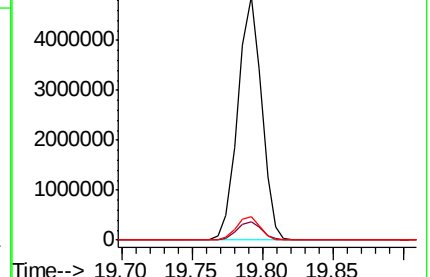
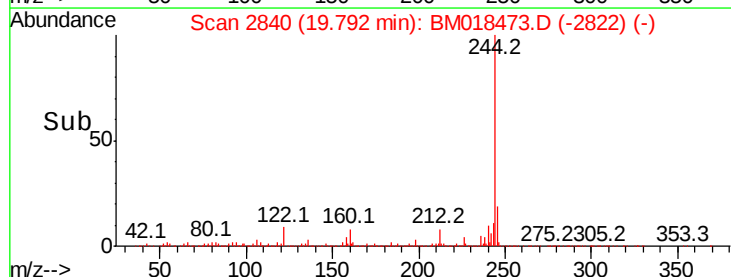
122 9.6 9.0 13.4

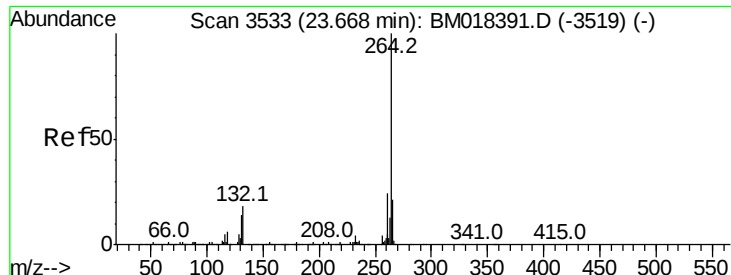


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



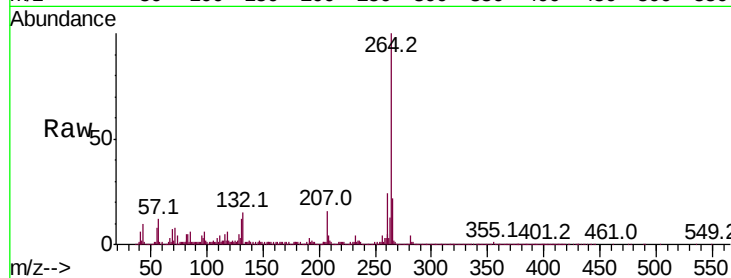


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BM018473.D
Acq: 09 Jan 2019 15:15

Instrument :
BNA_M
ClientSampleId :
CPSB-07(15-20)

Tot Ion:264 Resp: 2299204

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.6	16.8	25.2



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

