

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018474.D
 Acq On : 09 Jan 2019 15:52
 Operator : JU/SJ
 Sample : K1088-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-04(20-25)

Quant Time: Jan 10 05:38:08 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

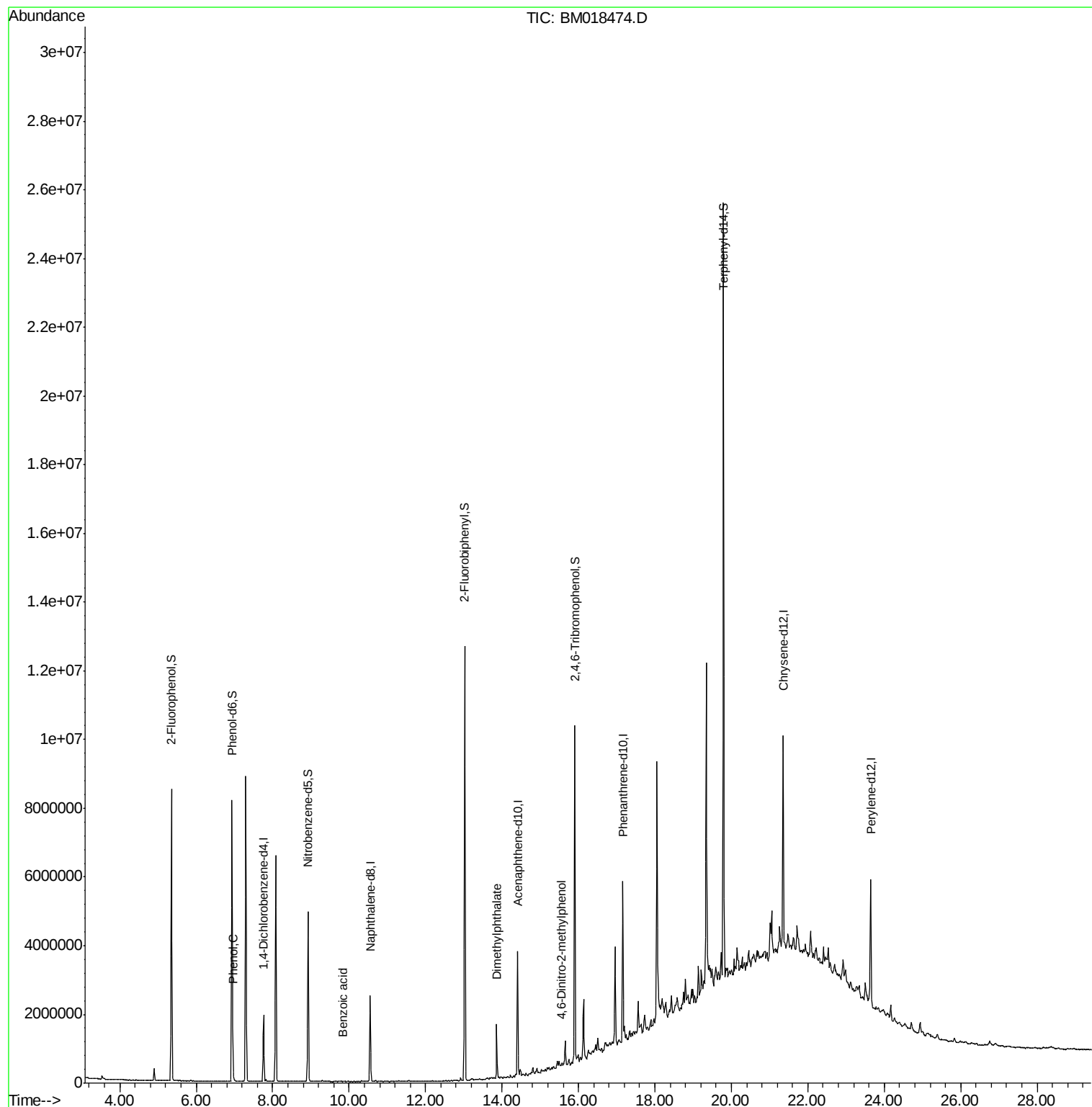
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	531514	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2098120	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1196373	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2645291	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2864685	20.00	ng	0.00
87) Perylene-d12	23.64	264	2647429	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	3514363	122.09	ng	0.00
7) Phenol-d6	6.94	99	4419512	120.88	ng	0.00
23) Nitrobenzene-d5	8.93	82	2699739	74.59	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1694782	111.26	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	6628396	72.29	ng	0.00
79) Terphenyl-d14	19.79	244	9861395	72.57	ng	0.00
Target Compounds						
10) Phenol	6.96	94	198563	5.345	ng	94
32) Benzoic acid	9.82	122	112	6.508	ng	# 1
50) Dimethylphthalate	13.86	163	934007	9.506	ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	591	5.424	ng	# 1

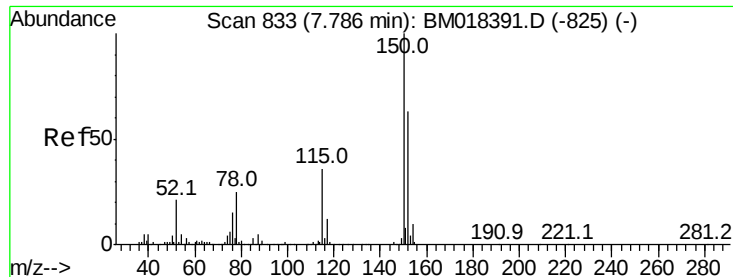
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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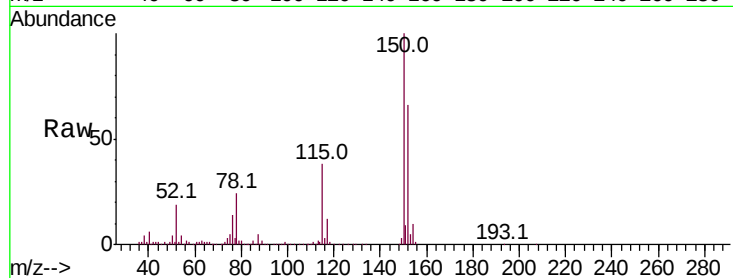


#1

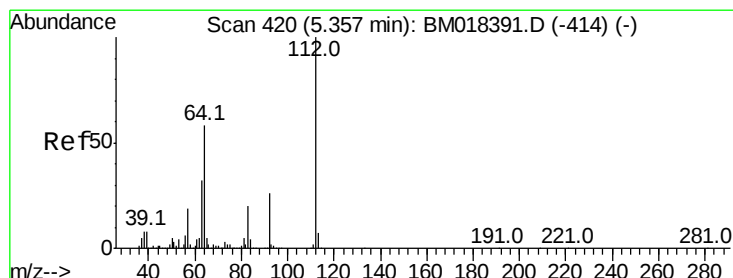
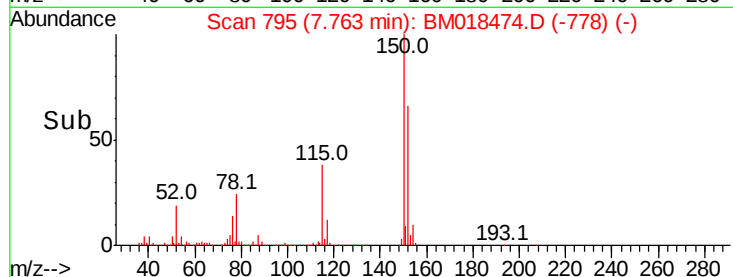
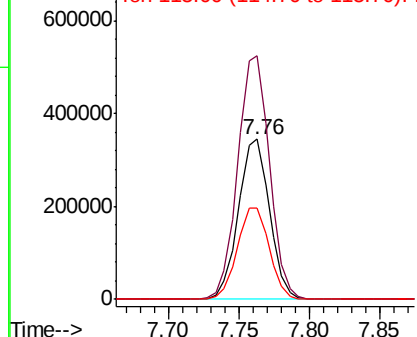
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018474.D
Acq: 09 Jan 2019 15:52

Instrument :
BNA_M
ClientSampleId :
CPSB-04(20-25)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.9	190.3
115	57.1	45.5	68.3



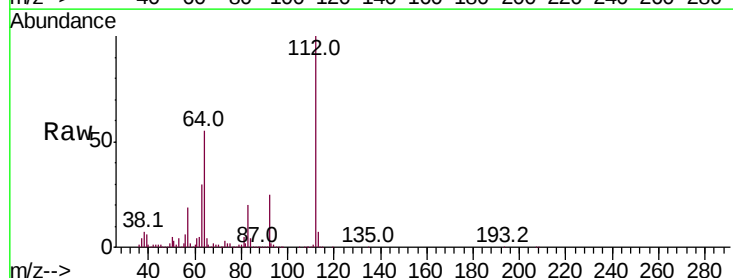
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



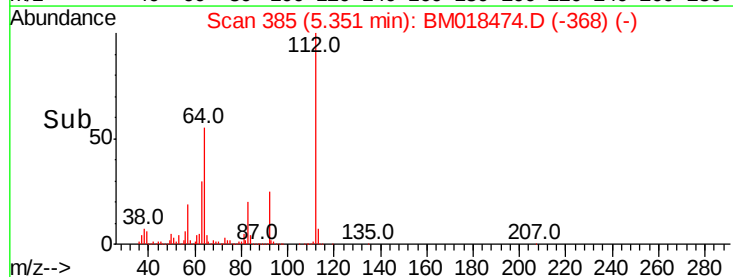
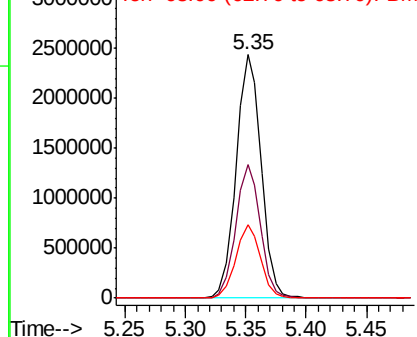
#5

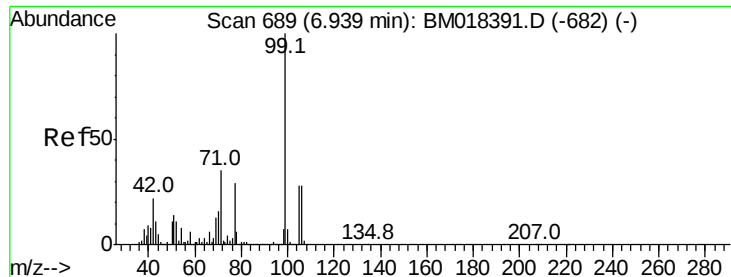
2-Fluorophenol
Concen: 122.090 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018474.D
Acq: 09 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.5	69.7
63	30.0	25.2	37.8



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: 120.882 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018474.D

Acq: 09 Jan 2019 15:52

Instrument :

BNA_M

ClientSampleId :

CPSB-04(20-25)

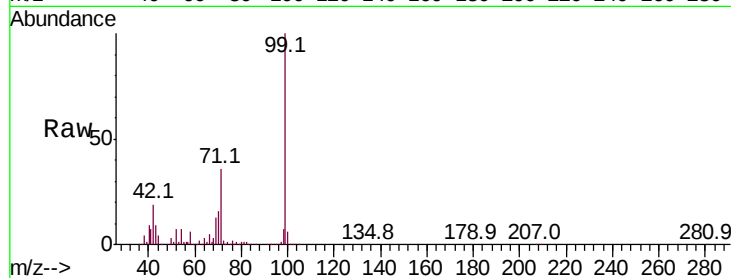
Tot Ion: 99 Resp: 4419512

Ion Ratio Lower Upper

99 100

42 19.3 17.3 25.9

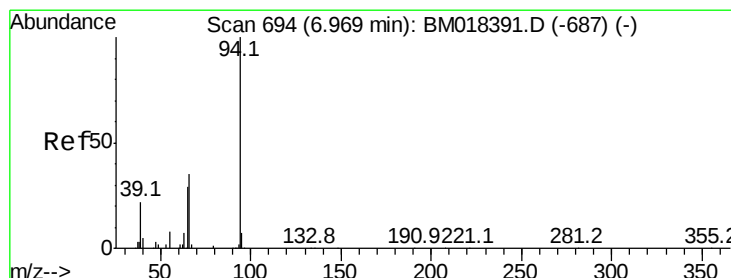
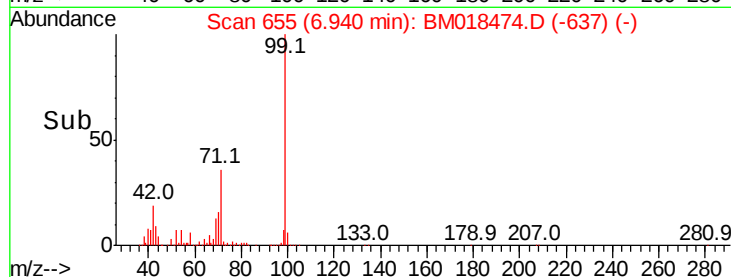
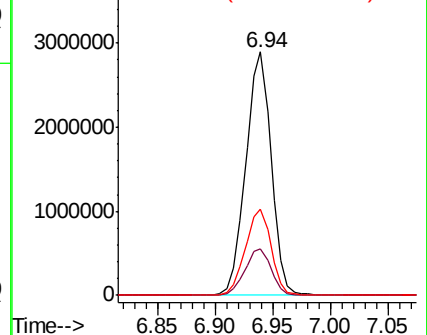
71 35.5 28.0 42.0



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: 5.345 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM018474.D

Acq: 09 Jan 2019 15:52

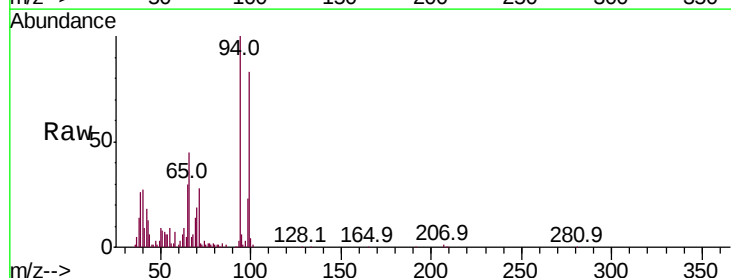
Tgt Ion: 94 Resp: 198563

Ion Ratio Lower Upper

94 100

65 30.5 9.4 49.4

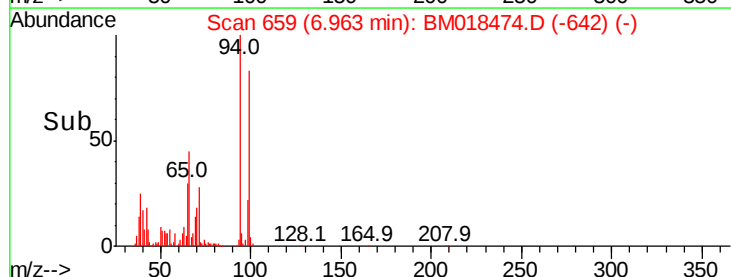
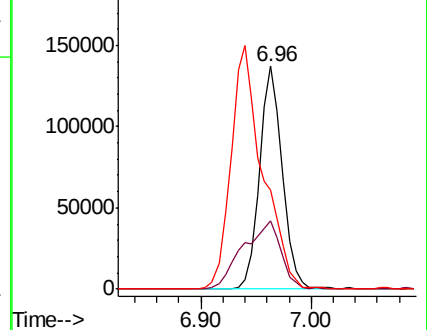
66 44.6 19.1 59.1

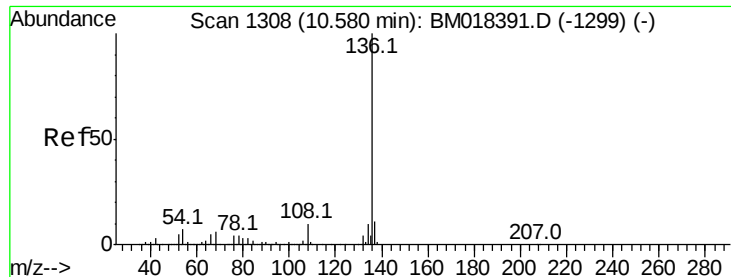


Abundance Ion 94.00 (93.70 to 94.70): BM018391.D (-687) (-)

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

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

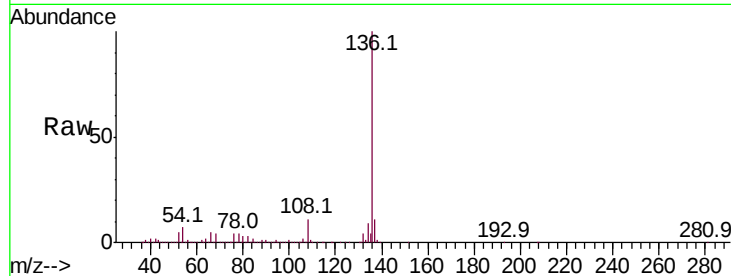




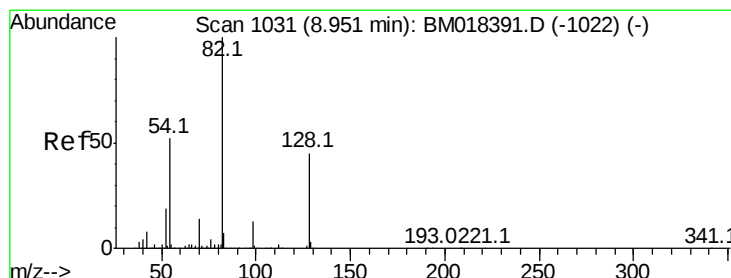
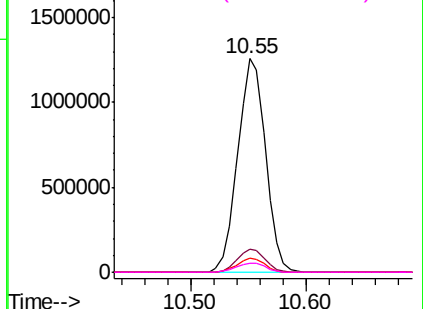
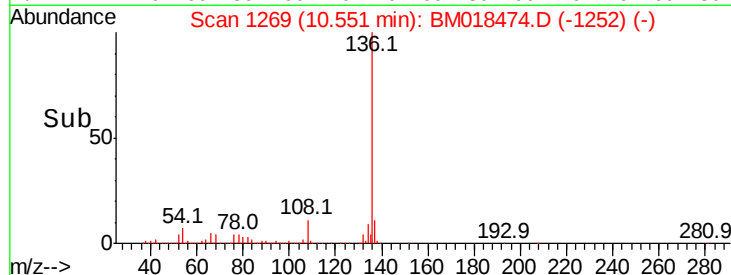
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM018474.D
Acq: 09 Jan 2019 15:52

Instrument :
BNA_M
ClientSampleId :
CPSB-04(20-25)

Tot Ion:	136	Resp:	2098120
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.8	6.0	9.0
68	4.4	4.5	6.7#

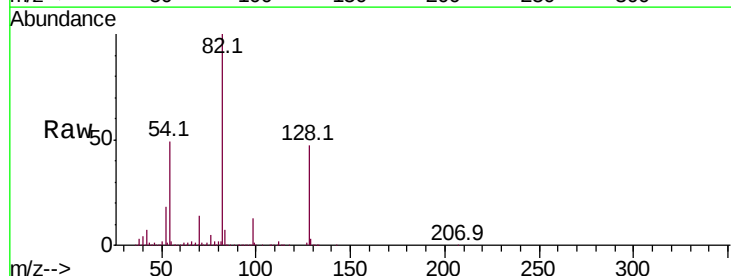


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

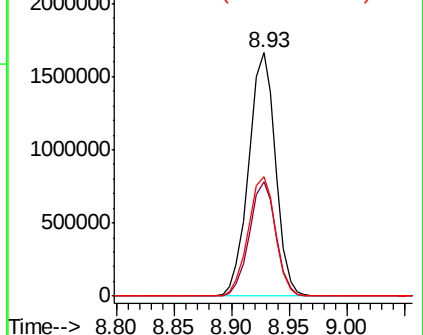
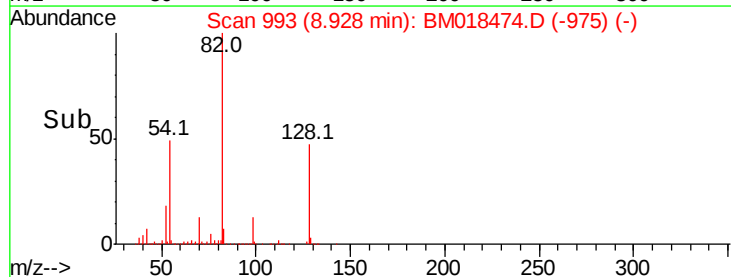


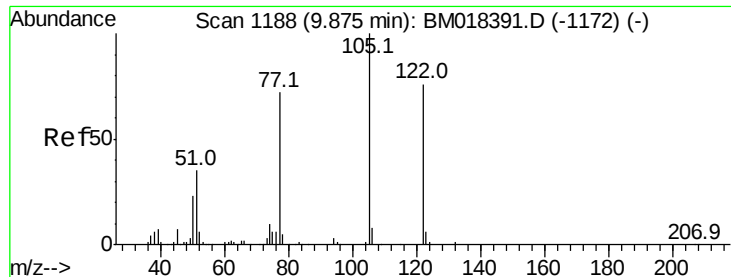
#23
Nitrobenzene-d5
Concen: 74.594 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018474.D
Acq: 09 Jan 2019 15:52

Tgt Ion:	82	Resp:	2699739
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	48.8	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

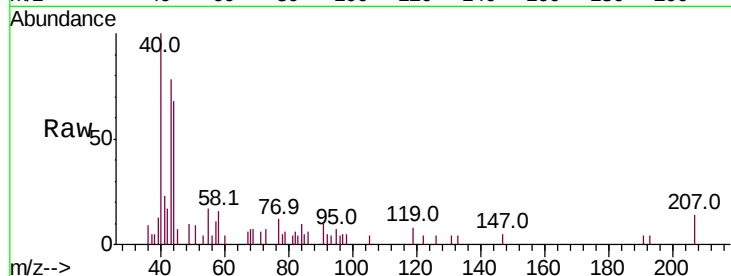




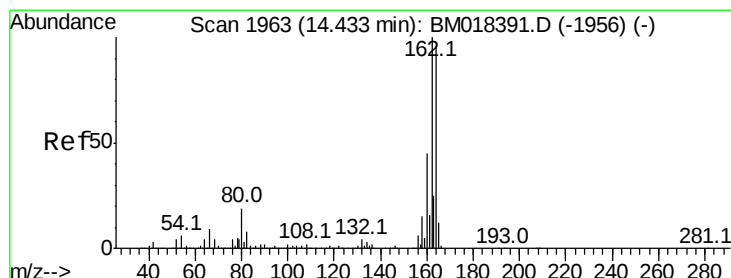
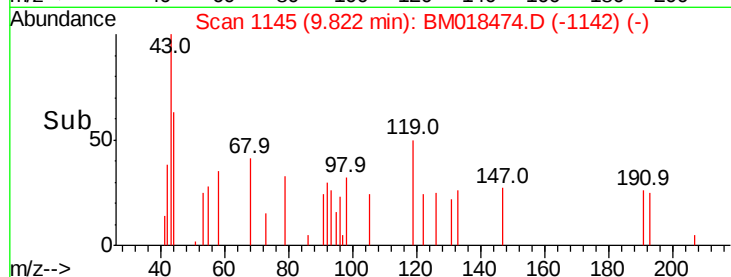
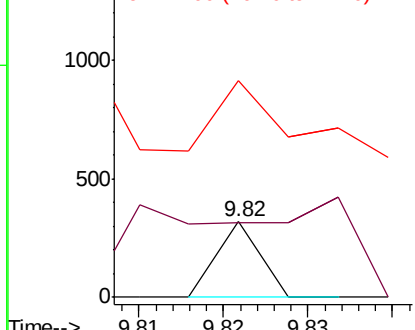
#32
Benzoic acid
Concen: 6.508 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.08 min
Lab File: BM018474.D
Acq: 09 Jan 2019 15:52

Instrument :
BNA_M
ClientSampleId :
CPSB-04(20-25)

Tot Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 99.4 100.4 140.4#
77 287.4 71.7 111.7#

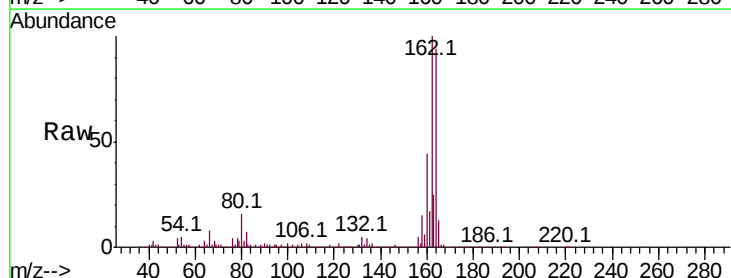


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

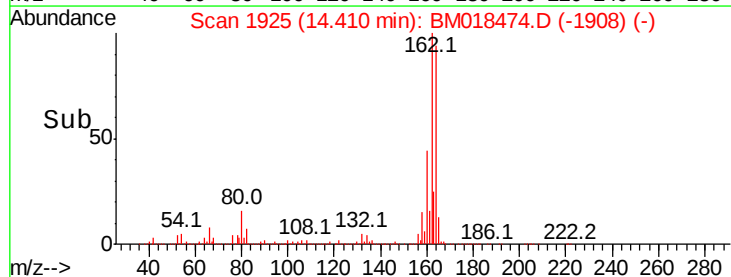
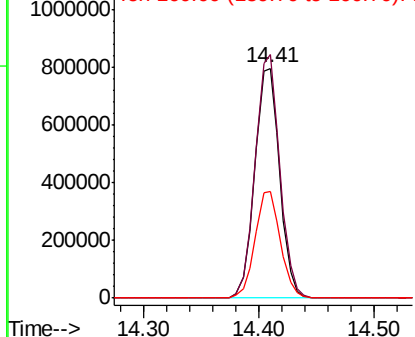


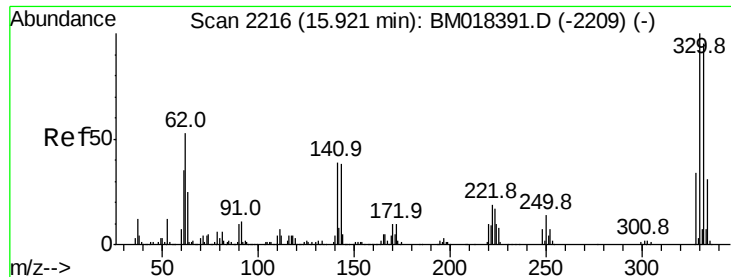
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018474.D
Acq: 09 Jan 2019 15:52

Tgt Ion:164 Resp: 1196373
Ion Ratio Lower Upper
164 100
162 105.9 83.0 124.4
160 46.6 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

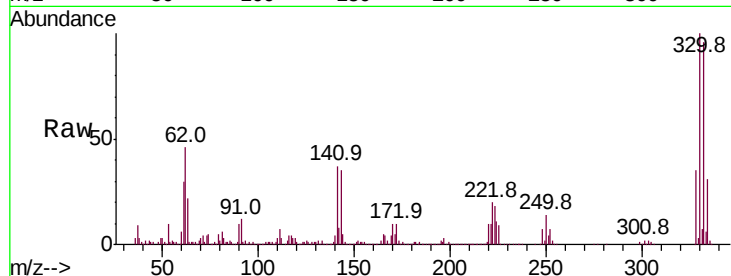




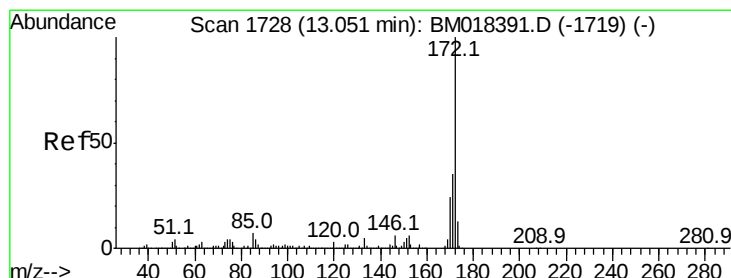
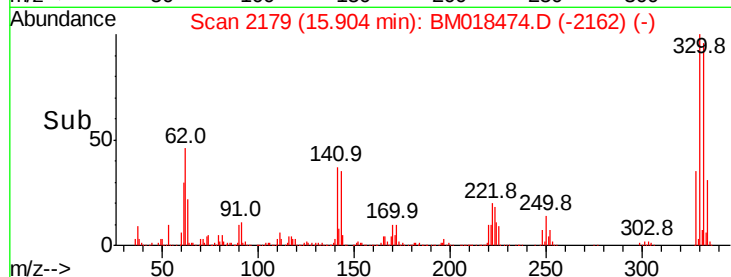
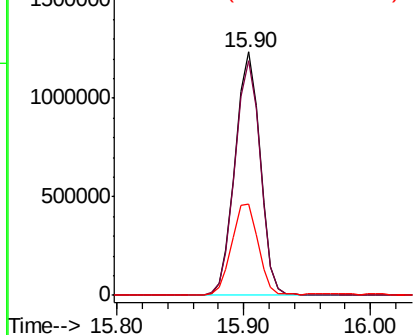
#42
 2,4,6-Tribromophenol
 Concen: 111.256 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BM018474.D
 Acq: 09 Jan 2019 15:52

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-04(20-25)

Tot Ion:330 Resp: 1694782
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.6 116.4
 141 38.8 31.7 47.5

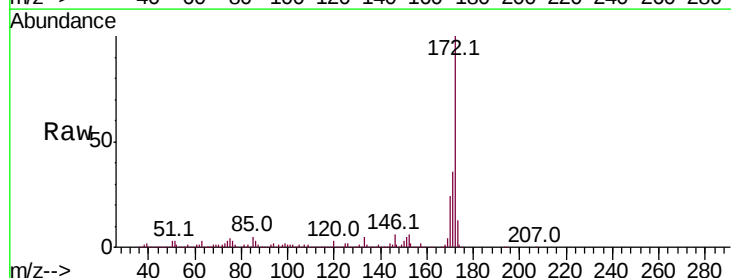


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

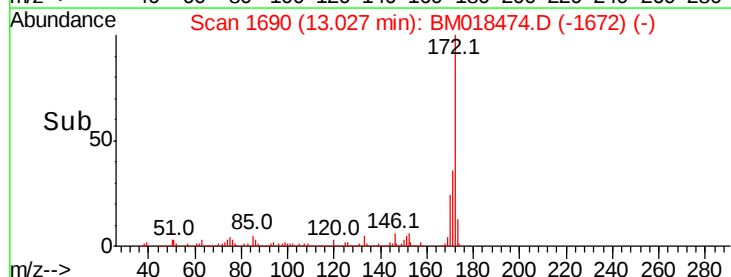
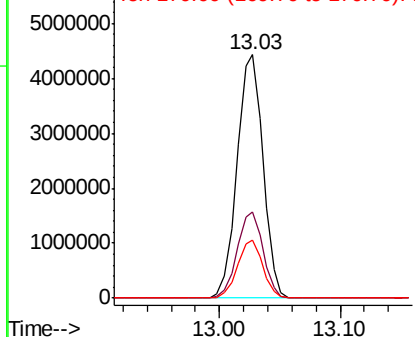


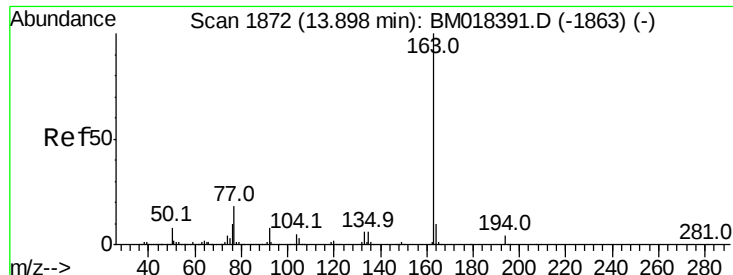
#45
 2-Fluorobiphenyl
 Concen: 72.295 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018474.D
 Acq: 09 Jan 2019 15:52

Tgt Ion:172 Resp: 6628396
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 23.6 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

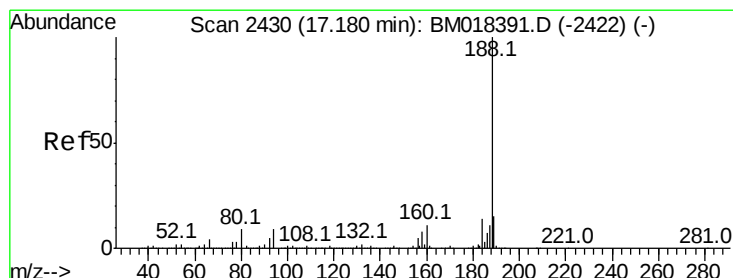
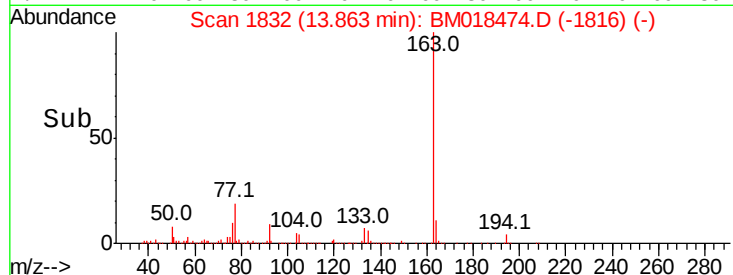
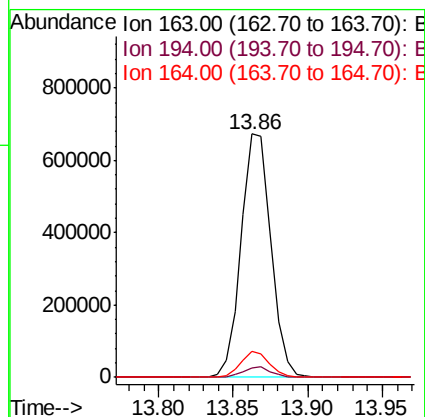
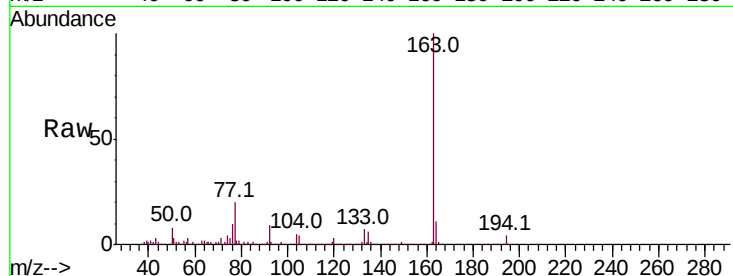




#50
Dimethylphthalate
Concen: 9.506 ng
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM018474.D
Acq: 09 Jan 2019 15:52

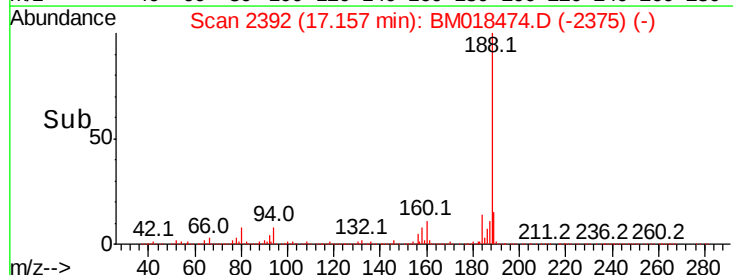
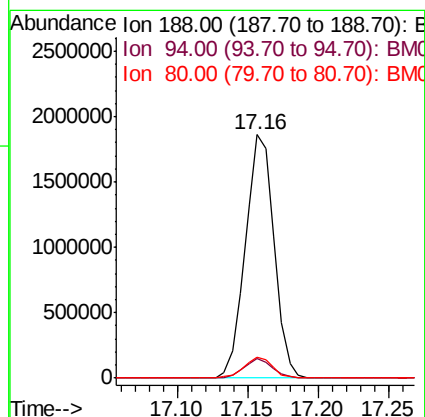
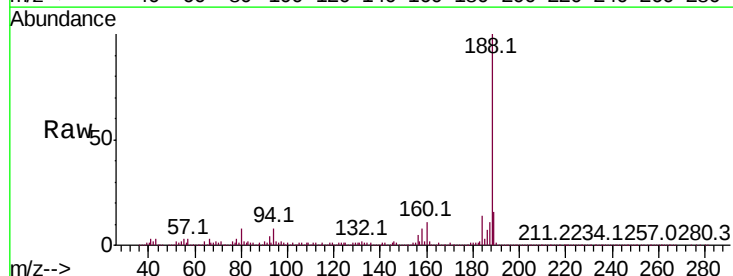
Instrument :
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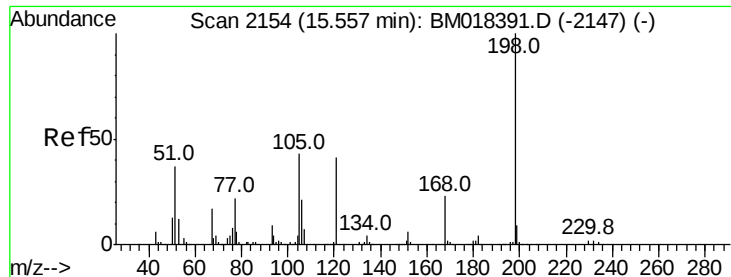
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.6	7.8	11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018474.D
Acq: 09 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.4	7.6	11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.424 ng

RT: 15.55 min Scan# 2119

Delta R.T. 0.01 min

Lab File: BM018474.D

Acq: 09 Jan 2019 15:52

Instrument :

BNA_M

ClientSampleId :

CPSB-04(20-25)

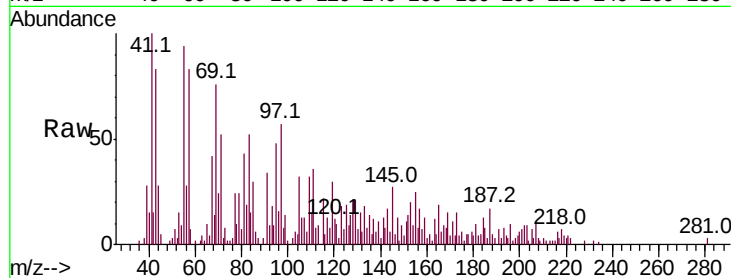
Tot Ion:198 Resp: 591

Ion Ratio Lower Upper

198 100

51 283.8 29.6 69.6#

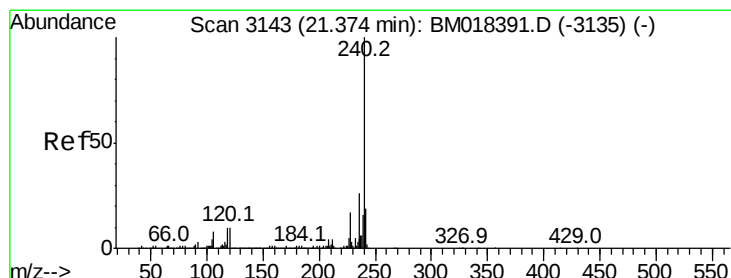
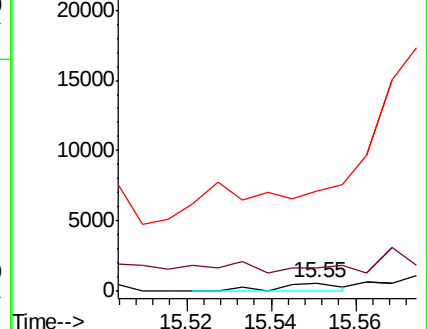
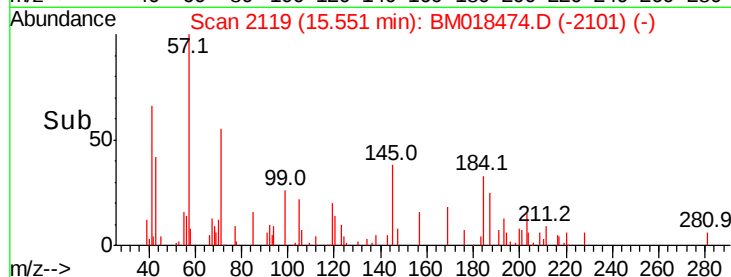
105 1223.5 25.5 65.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM018391.D (-2147) (-)

Ion 105.00 (104.70 to 105.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM018474.D

Acq: 09 Jan 2019 15:52

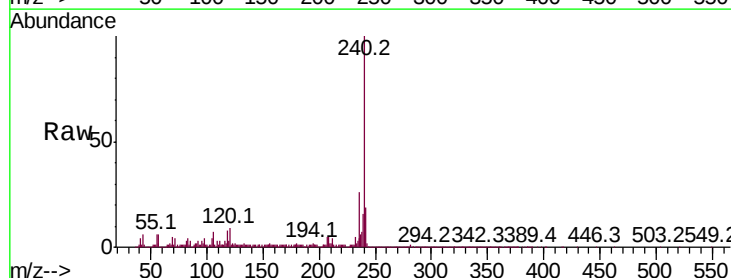
Tgt Ion:240 Resp: 2864685

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

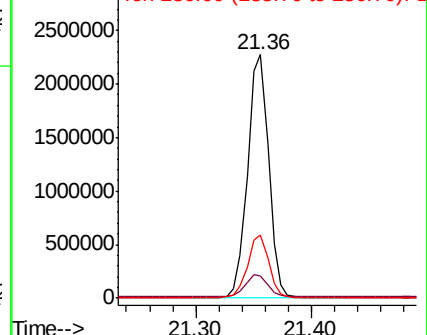
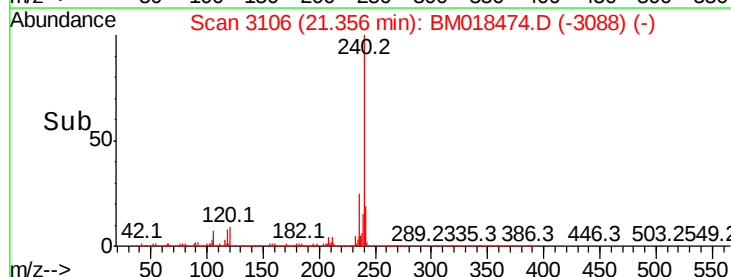
236 25.7 20.7 31.1

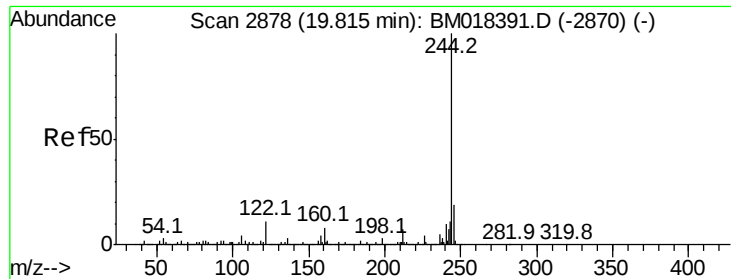


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

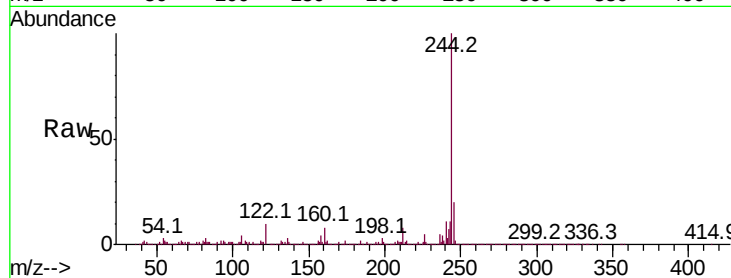




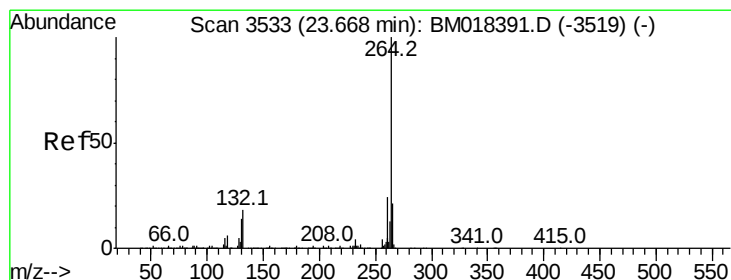
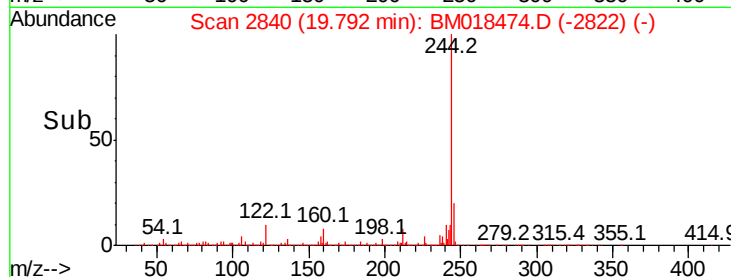
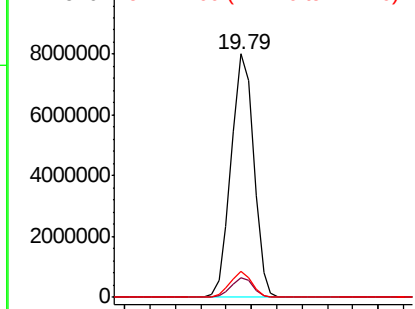
#79
 Terphenyl-d14
 Concen: 72.567 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018474.D
 Acq: 09 Jan 2019 15:52

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-04(20-25)

Tot Ion:244 Resp: 9861395
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.9 8.9
 122 10.5 9.0 13.4

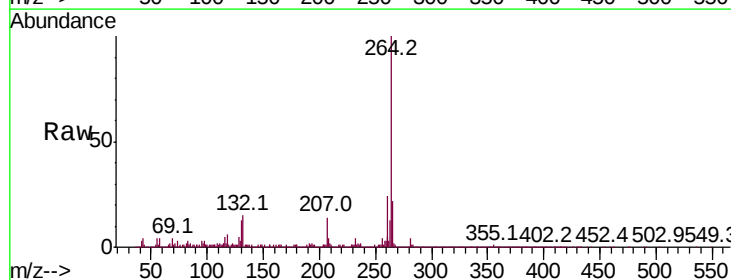


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3495
 Delta R.T. 0.01 min
 Lab File: BM018474.D
 Acq: 09 Jan 2019 15:52

Tgt Ion:264 Resp: 2647429
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.7 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

