

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
 Data File : BM018273.D
 Acq On : 18 Dec 2018 16:23
 Operator : JU/SJ
 Sample : J6403-61
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-B

Quant Time: Dec 18 17:00:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

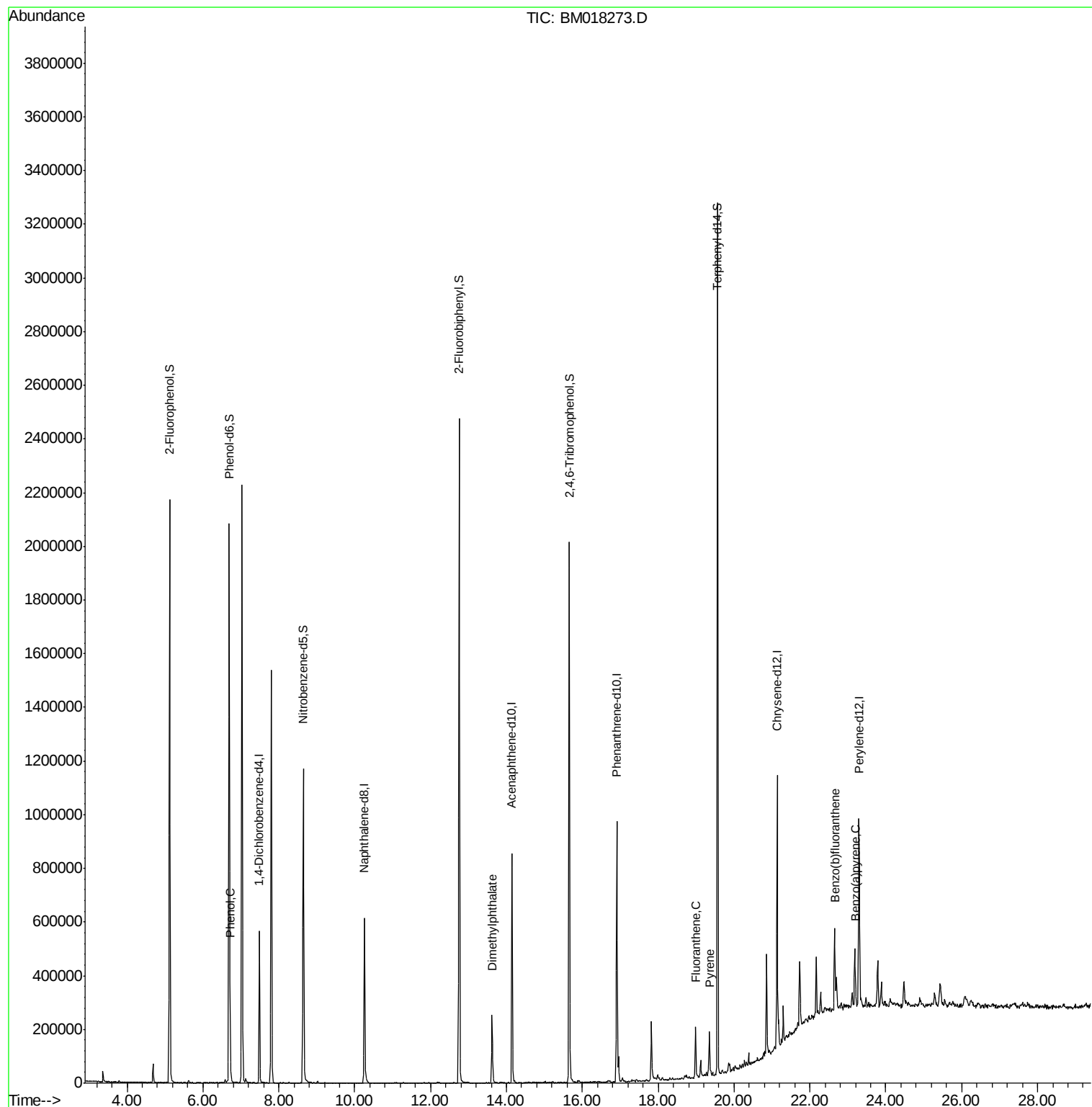
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	134064	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	525411	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	282270	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	554705	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	459411	20.00	ng	-0.01
87) Perylene-d12	23.30	264	478001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	832364	103.72	ng	0.00
7) Phenol-d6	6.69	99	1136698	101.90	ng	-0.01
23) Nitrobenzene-d5	8.65	82	720150	70.31	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	356464	86.04	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1247881	57.26	ng	-0.02
79) Terphenyl-d14	19.56	244	1419621	69.89	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	57346	4.854	ng	88
50) Dimethylphthalate	13.62	163	177934	7.582	ng	100
75) Fluoranthene	18.99	202	108204	3.089	ng	99
78) Pyrene	19.35	202	96357	3.520	ng	96
88) Benzo(b)fluoranthene	22.66	252	76256	2.840	ng	# 94
90) Benzo(a)pyrene	23.20	252	53387	2.091	ng	99

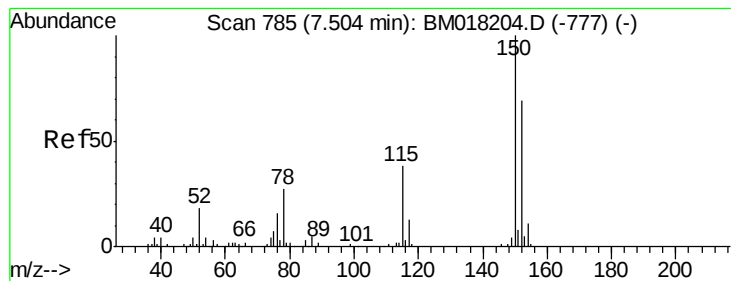
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018273.D
Acq On : 18 Dec 2018 16:23
Operator : JU/SJ
Sample : J6403-61
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-8-B

Quant Time: Dec 18 17:00:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration



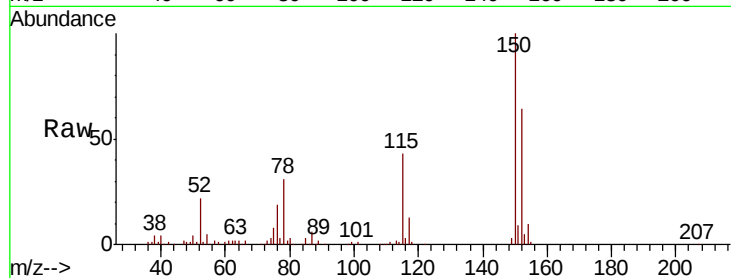


#1

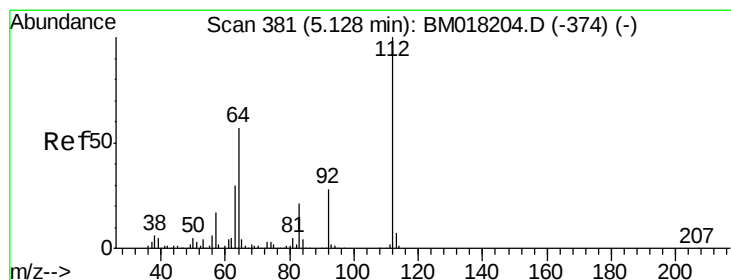
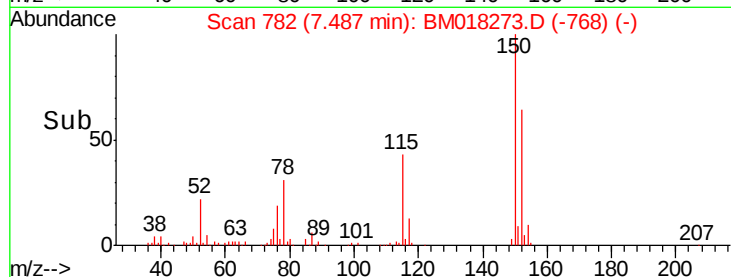
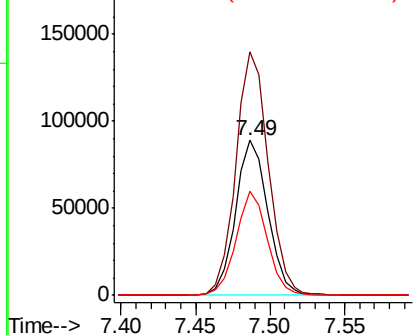
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018273.D
Acq: 18 Dec 2018 16:23

Instrument :
BNA_M
ClientSampleId :
TP-8-B

Tot Ion:152 Resp: 134064
Ion Ratio Lower Upper
152 100
150 156.9 116.1 174.1
115 66.7 44.6 67.0



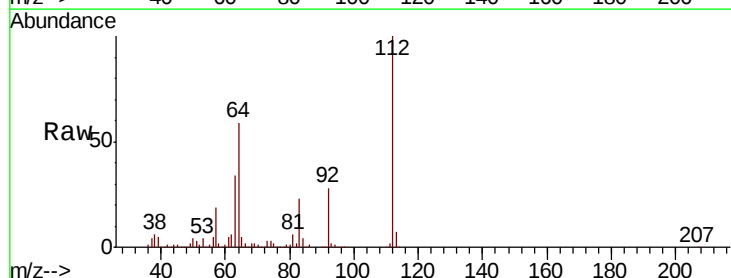
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



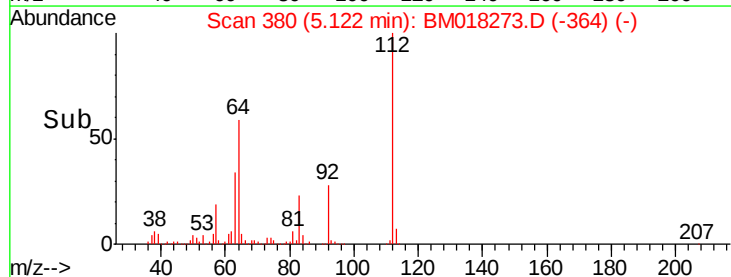
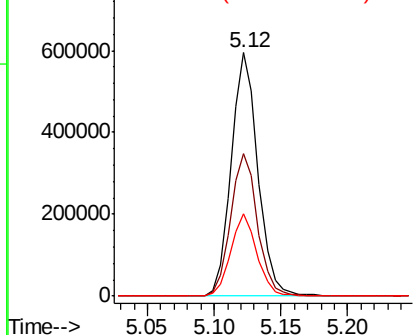
#5

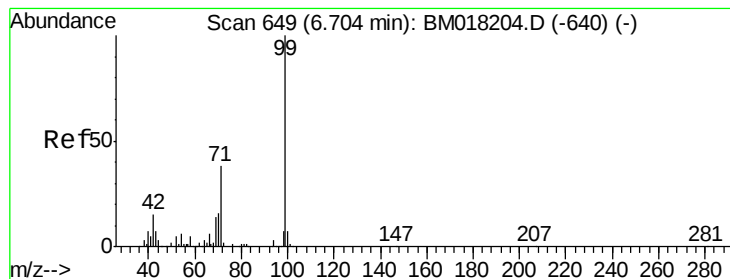
2-Fluorophenol
Concen: 103.715 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018273.D
Acq: 18 Dec 2018 16:23

Tgt Ion:112 Resp: 832364
Ion Ratio Lower Upper
112 100
64 58.6 45.4 68.2
63 33.6 24.0 36.0



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: 101.903 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

Instrument :

BNA_M

ClientSampleId :

TP-8-B

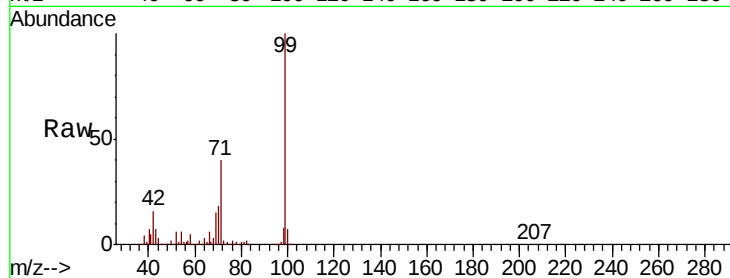
Tot Ion: 99 Resp: 1136698

Ion Ratio Lower Upper

99 100

42 16.2 12.3 18.5

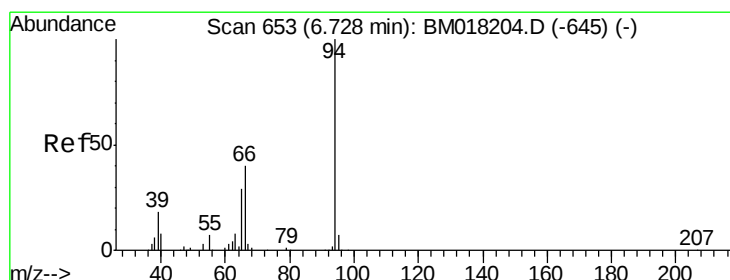
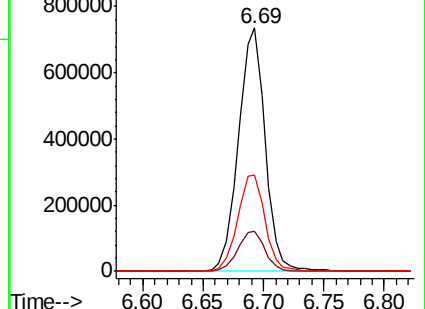
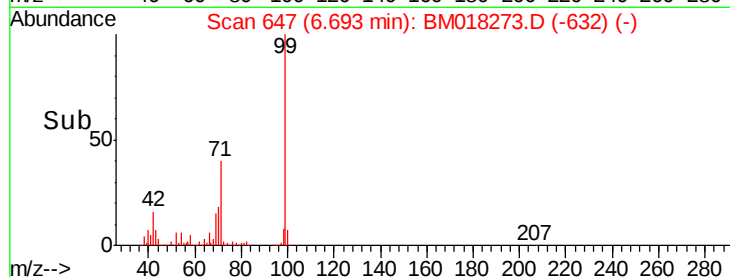
71 39.7 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018273.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018273.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018273.D (-632) (-)



#10

Phenol

Concen: 4.854 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

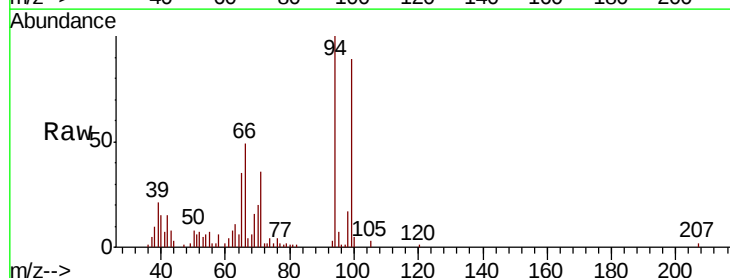
Tgt Ion: 94 Resp: 57346

Ion Ratio Lower Upper

94 100

65 35.3 9.5 49.5

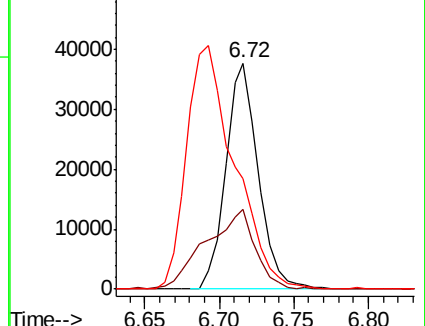
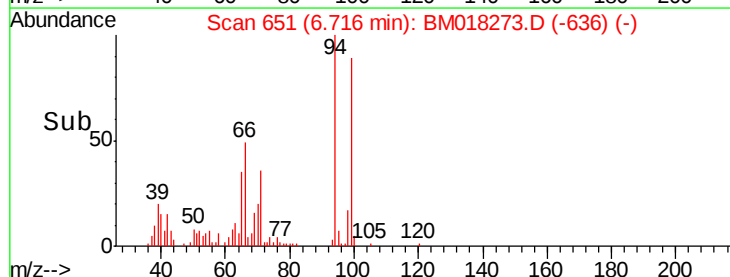
66 49.1 21.3 61.3

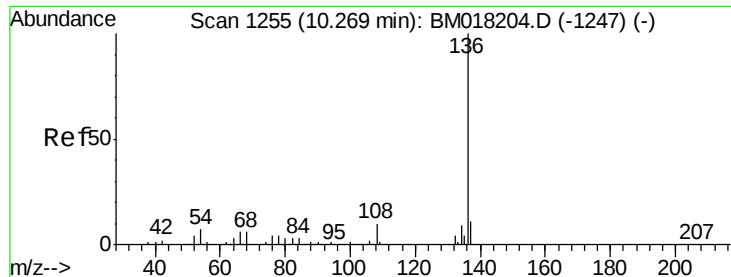


Abundance Ion 94.00 (93.70 to 94.70): BM018273.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018273.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018273.D (-636) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.26 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

Instrument :

BNA_M

ClientSampleId :

TP-8-B

Tot Ion:136 Resp: 525411

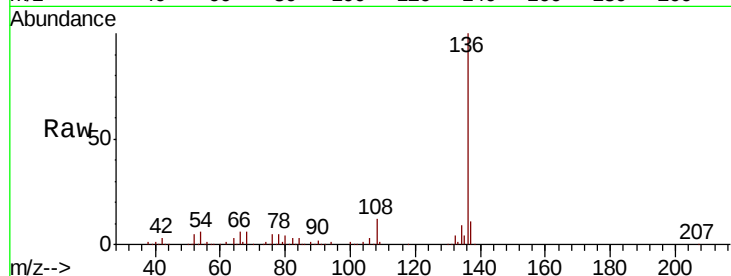
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.1 5.2 7.8

68 5.8 5.0 7.6

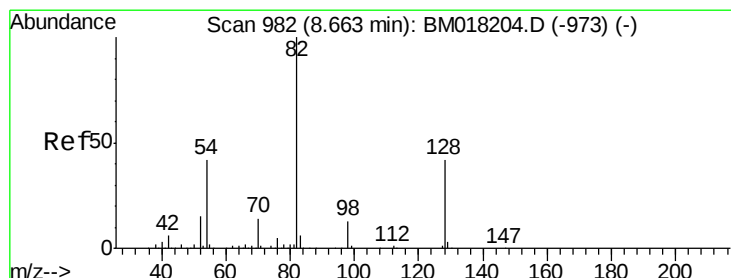
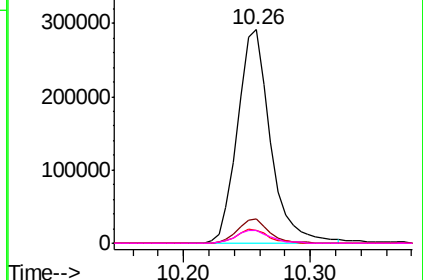
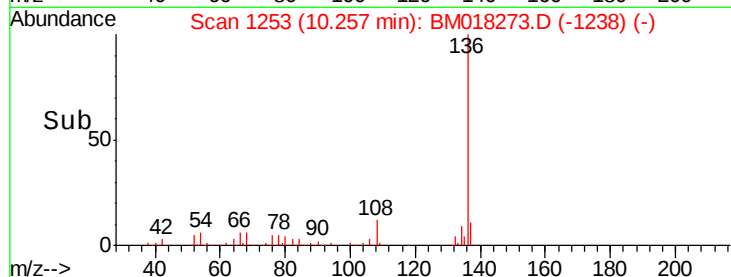


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 70.305 ng

RT: 8.65 min Scan# 979

Delta R.T. -0.02 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

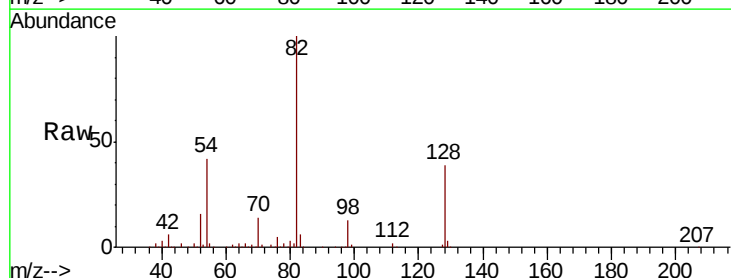
Tgt Ion: 82 Resp: 720150

Ion Ratio Lower Upper

82 100

128 39.1 33.4 50.2

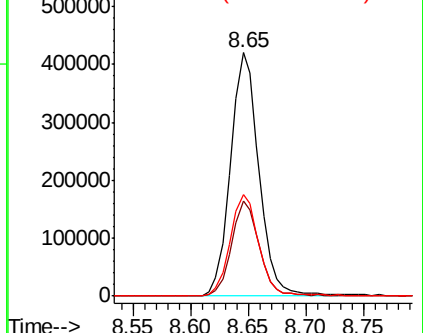
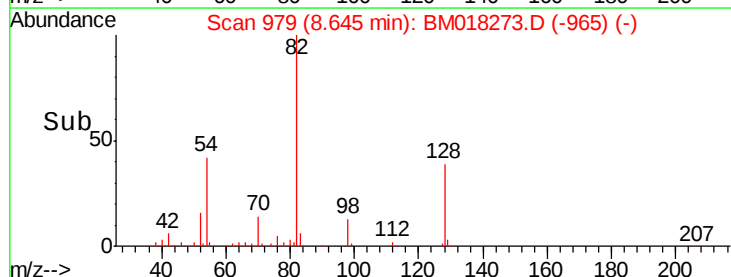
54 41.7 33.4 50.2

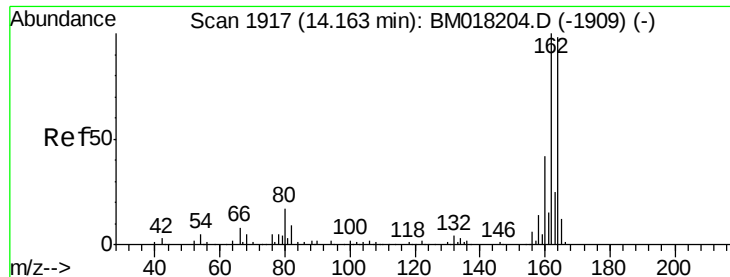


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

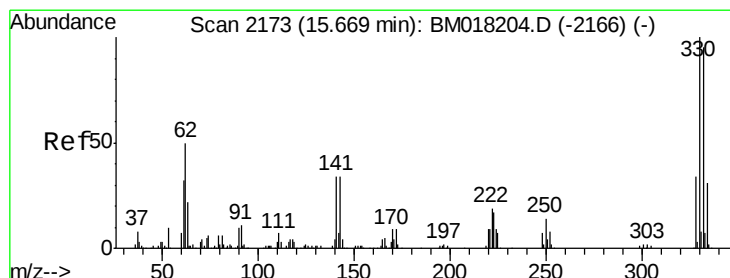
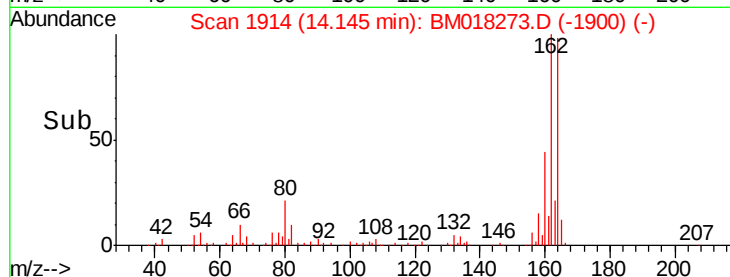
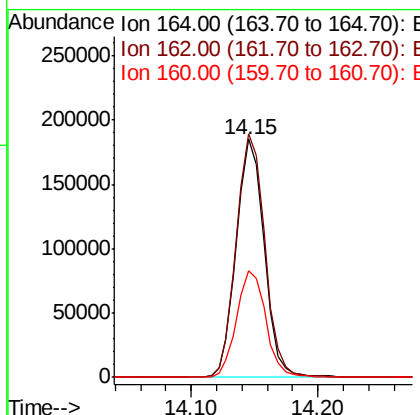
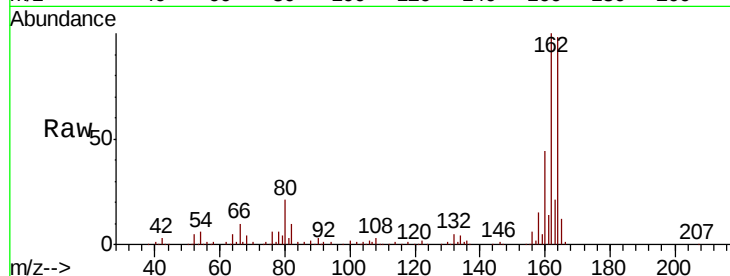




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.15 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018273.D
 Acq: 18 Dec 2018 16:23

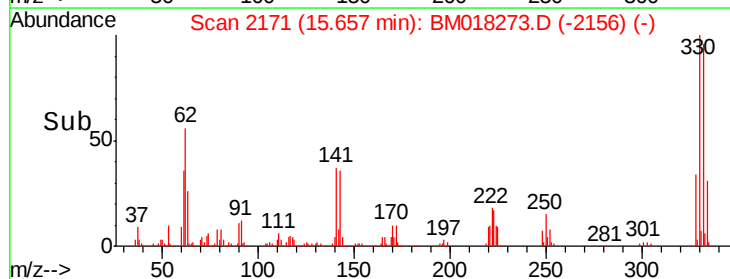
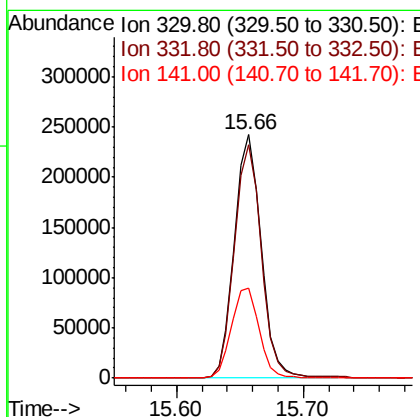
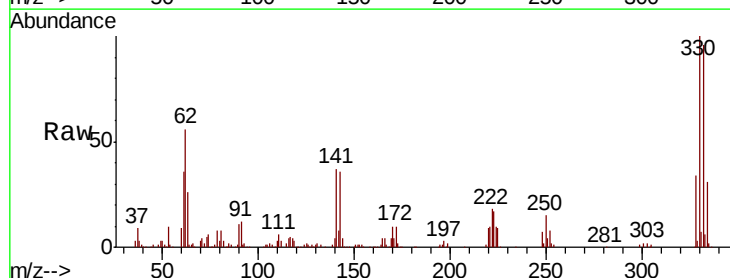
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-B

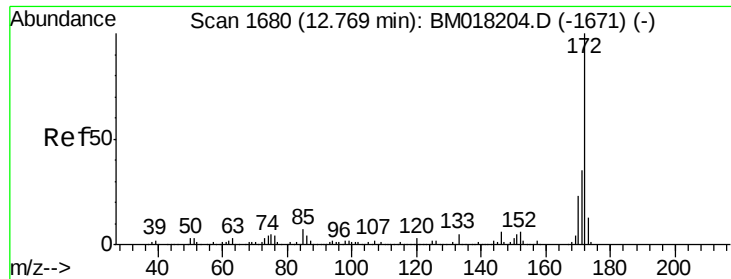
Tot Ion:164 Resp: 282270
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.8 122.6
 160 45.0 34.6 51.8



#42
 2,4,6-Tribromophenol
 Concen: 86.041 ng
 RT: 15.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018273.D
 Acq: 18 Dec 2018 16:23

Tgt Ion:330 Resp: 356464
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.6 118.0
 141 38.0 27.1 40.7



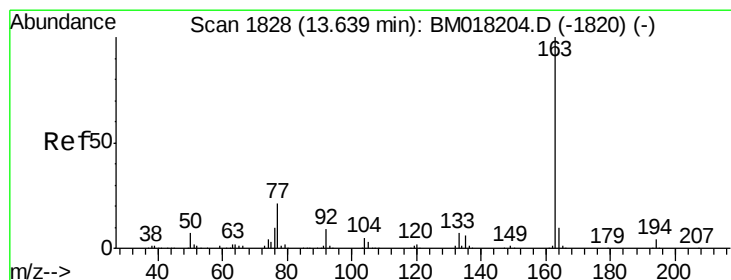
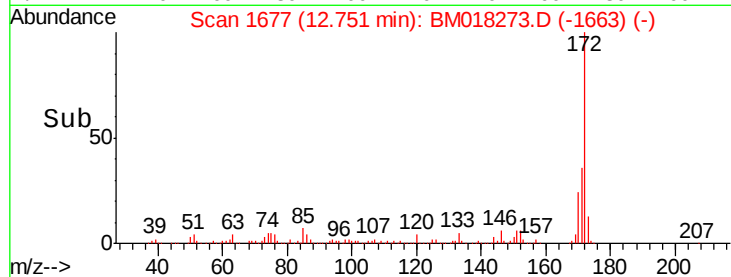
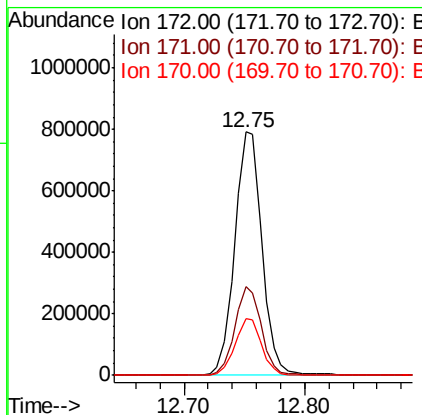
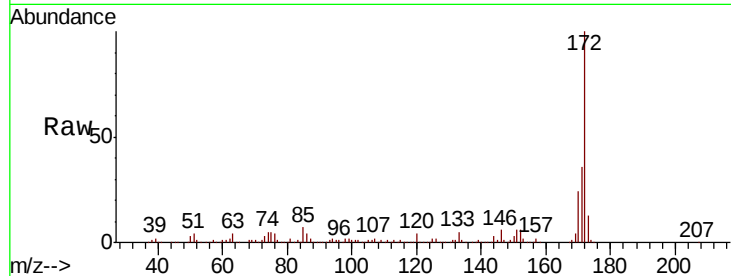


#45
 2-Fluorobiphenyl
 Concen: 57.261 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018273.D
 Acq: 18 Dec 2018 16:23

Instrument :
 BNA_M
 ClientSampled :
 TP-8-B

Tot Ion:172 Resp: 1247881

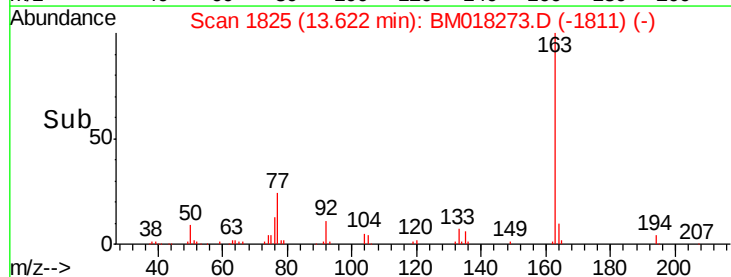
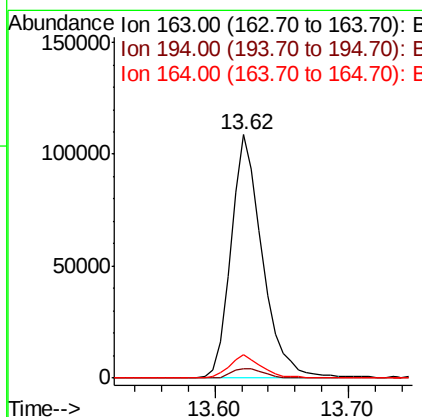
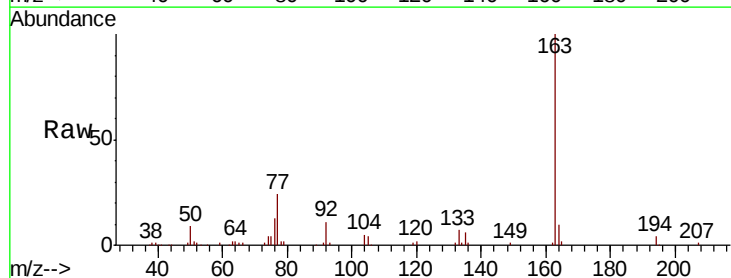
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.3	42.5
170	23.5	18.1	27.1



#50
 Dimethylphthalate
 Concen: 7.582 ng
 RT: 13.62 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BM018273.D
 Acq: 18 Dec 2018 16:23

Tgt Ion:163 Resp: 177934

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.7	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

Instrument :

BNA_M

ClientSampleId :

TP-8-B

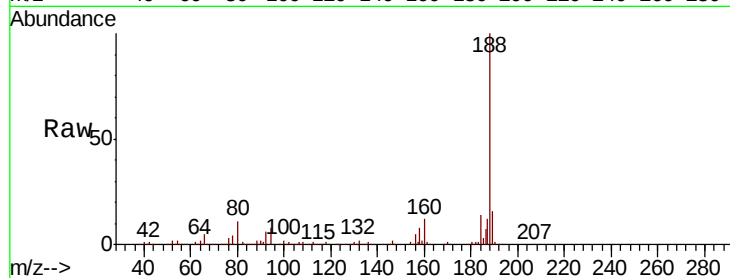
Tot Ion:188 Resp: 554705

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

80 10.8 9.0 13.6



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

500000

400000

300000

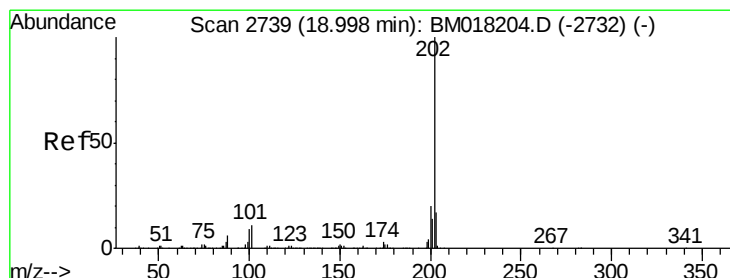
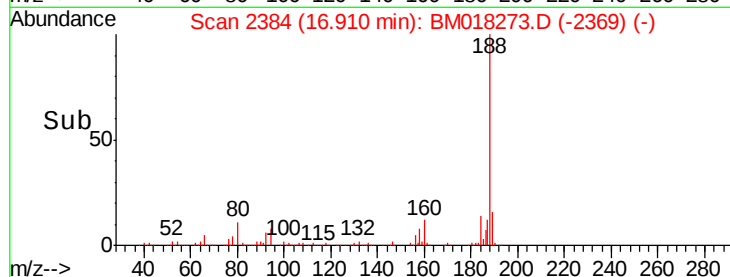
200000

100000

0

16.85 16.90 16.95 17.00

Time-->



#75

Fluoranthene

Concen: 3.089 ng

RT: 18.99 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

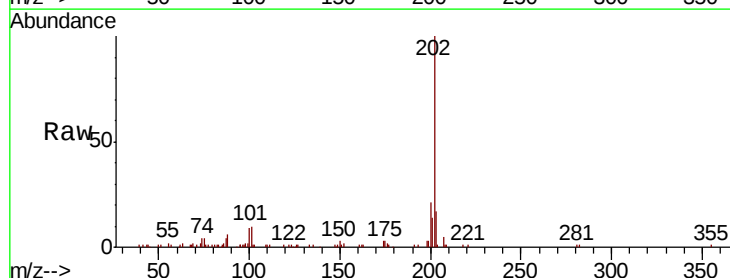
Tgt Ion:202 Resp: 108204

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.5

203 17.5 0.0 37.5



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

100000

80000

60000

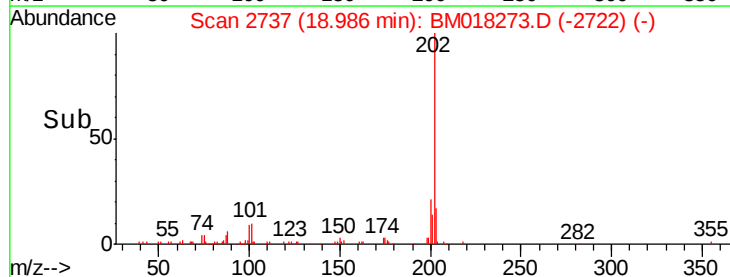
40000

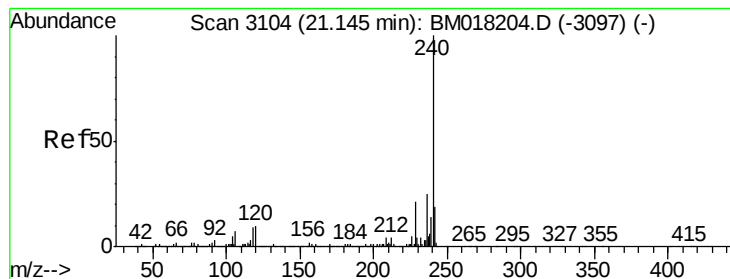
20000

0

18.90 19.00 19.10

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

Instrument :

BNA_M

ClientSampleId :

TP-8-B

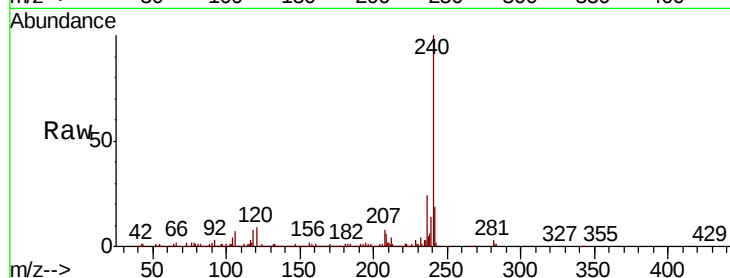
Tot Ion:240 Resp: 459411

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

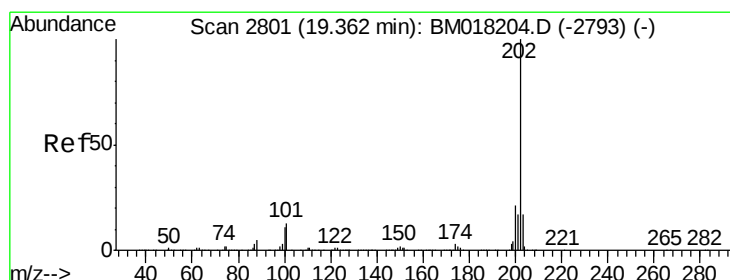
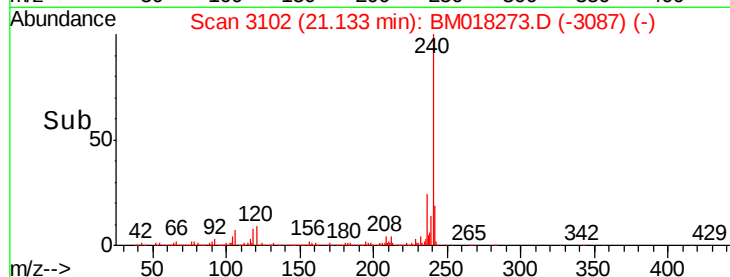
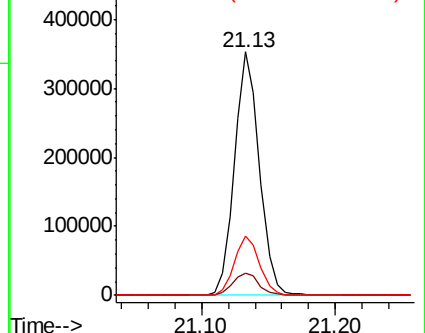
236 24.3 20.3 30.5



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



#78

Pyrene

Concen: 3.520 ng

RT: 19.35 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

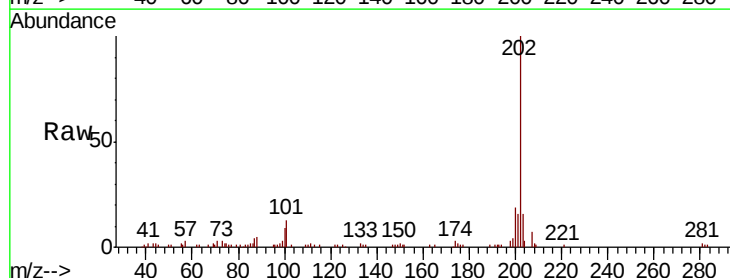
Tgt Ion:202 Resp: 96357

Ion Ratio Lower Upper

202 100

200 19.1 16.5 24.7

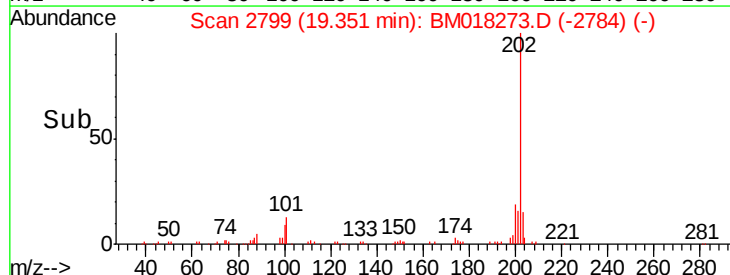
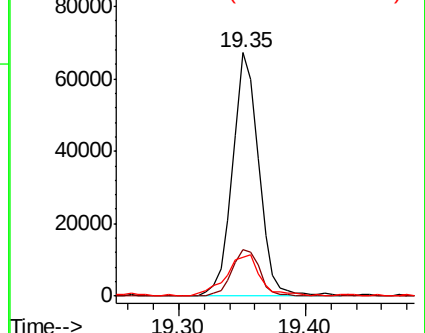
203 15.8 14.0 21.0

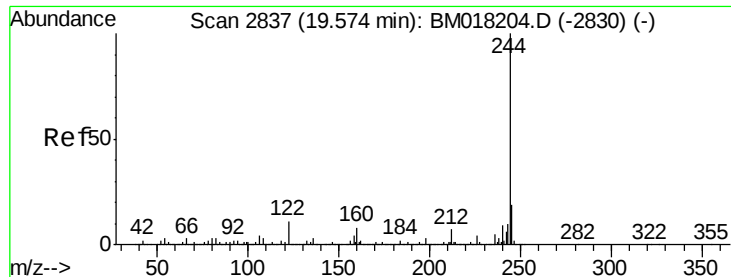


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.887 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

Instrument :

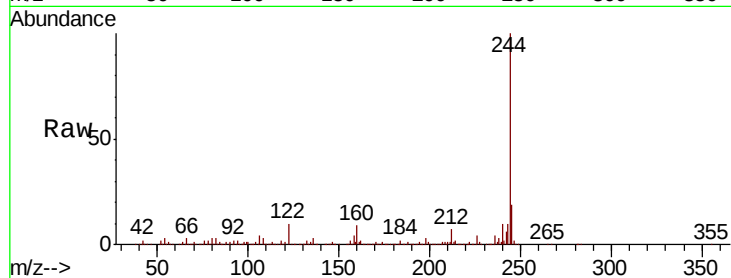
BNA_M

ClientSampleId :

TP-8-B

Tot Ion:244 Resp: 1419621

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.6	9.0	13.6

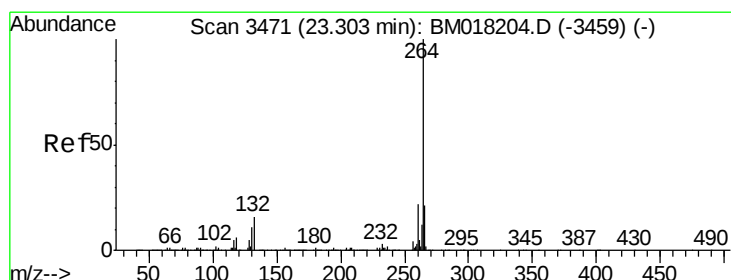
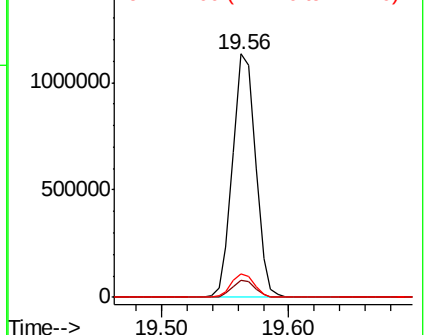
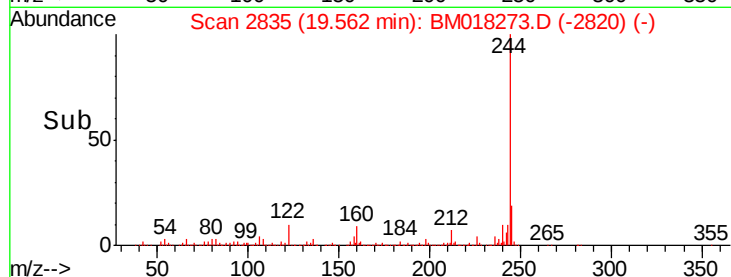


Abundance

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: 23.30 min Scan# 3470

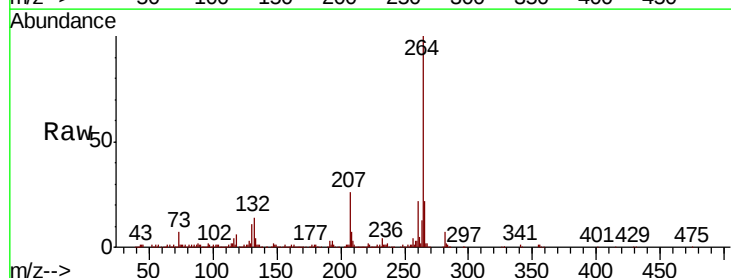
Delta R.T. -0.01 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

Tgt Ion:264 Resp: 478001

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.5	26.3
265	22.0	17.3	25.9

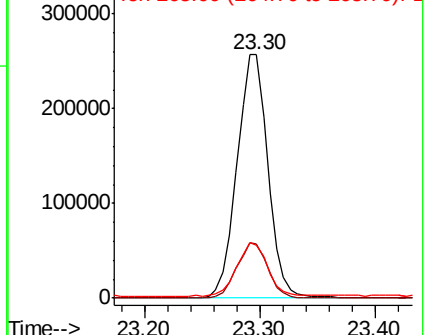
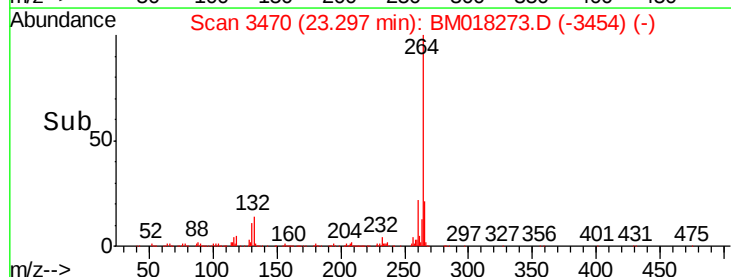


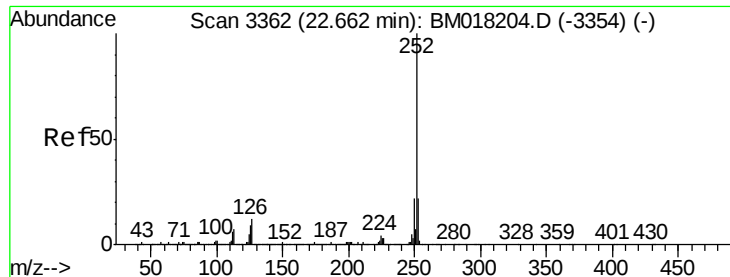
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 2.840 ng

RT: 22.66 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

Instrument :

BNA_M

ClientSampled :

TP-8-B

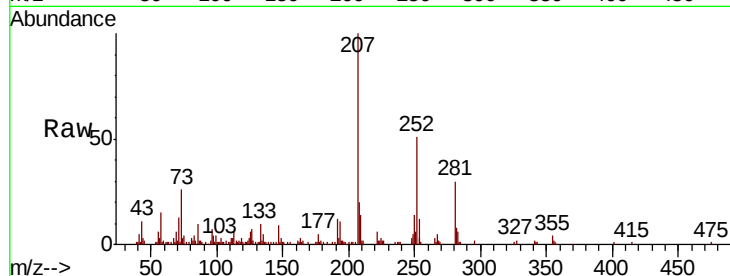
Tot Ion:252 Resp: 76256

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

125 11.8 7.4 11.0#

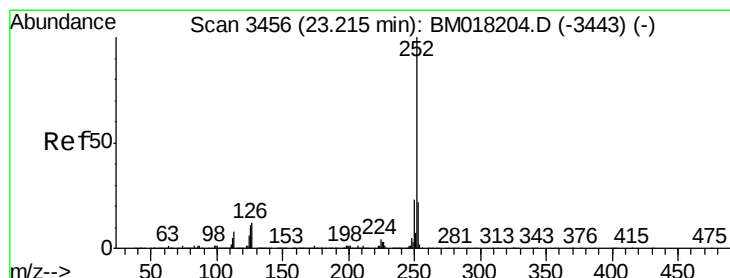
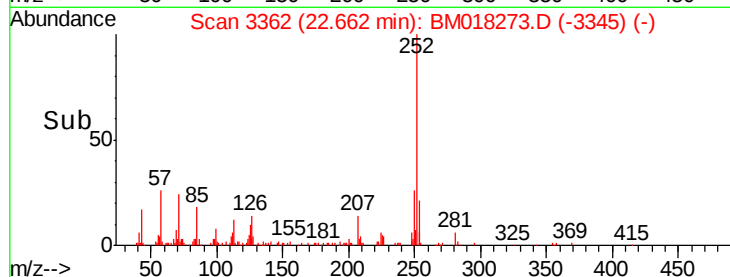
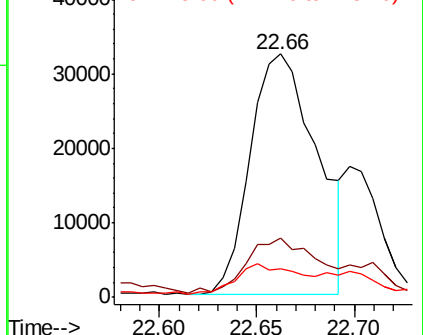


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 2.091 ng

RT: 23.20 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

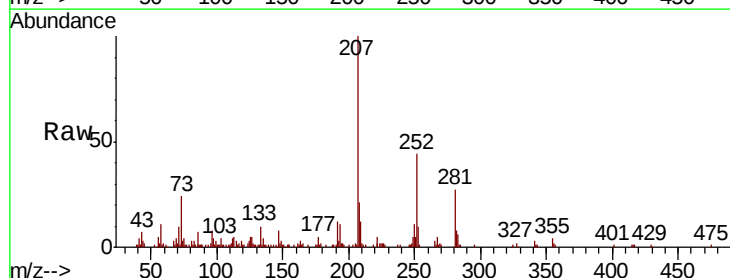
Tgt Ion:252 Resp: 53387

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 10.7 8.6 12.8



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

