

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 :

Quant Time: Dec 18 16:58:56 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

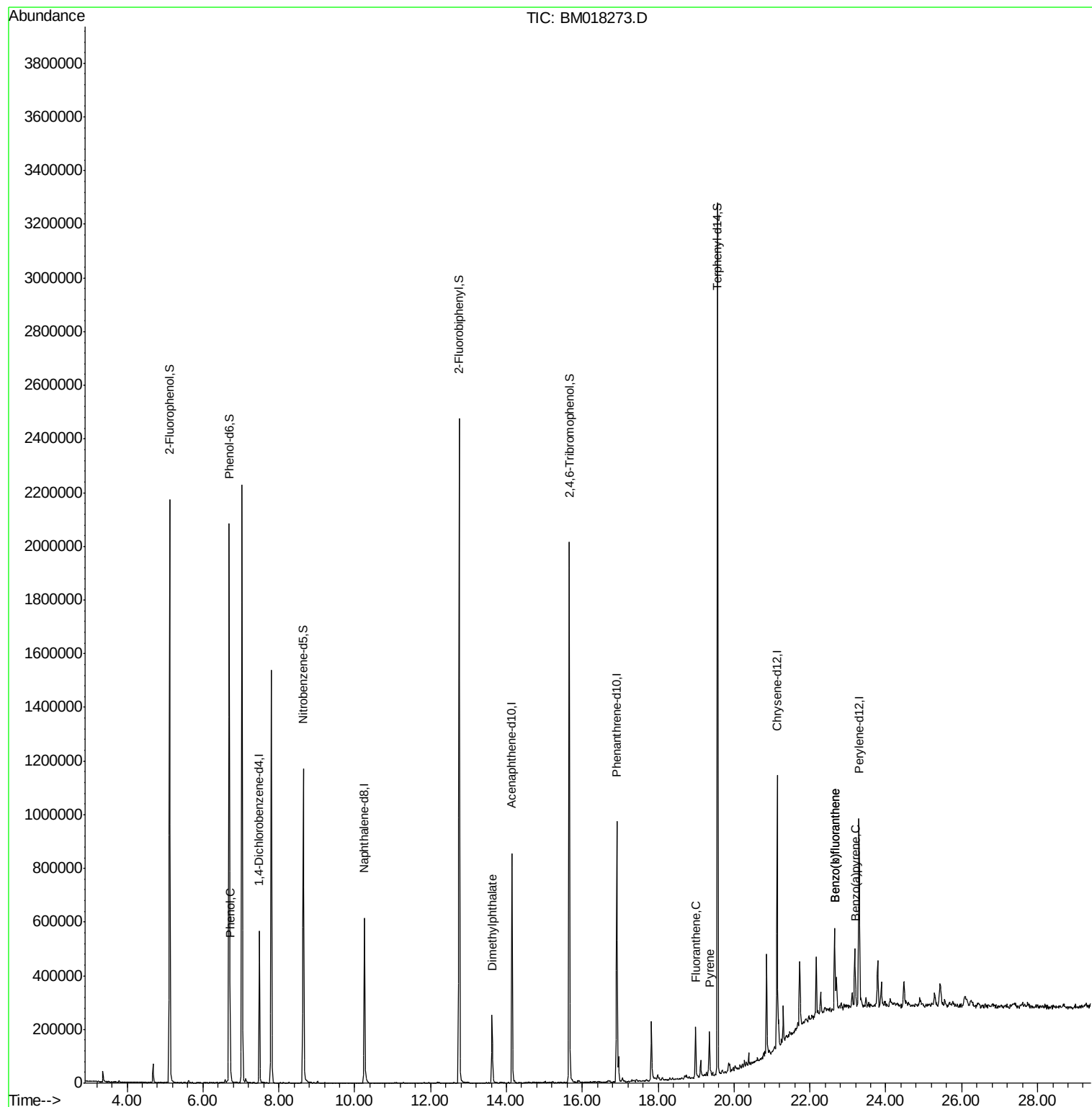
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	134064	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	525411	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	282270	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	554705	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	459411	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
89) Benzo(k)fluoranthene	22.66	252	76296	2.853	ng	# 93
90) Benzo(a)pyrene	23.20	252	53387	2.091	ng	99

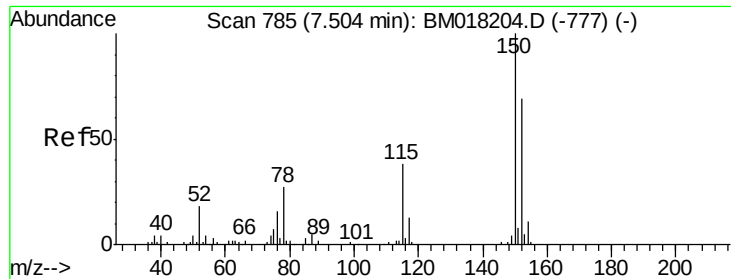
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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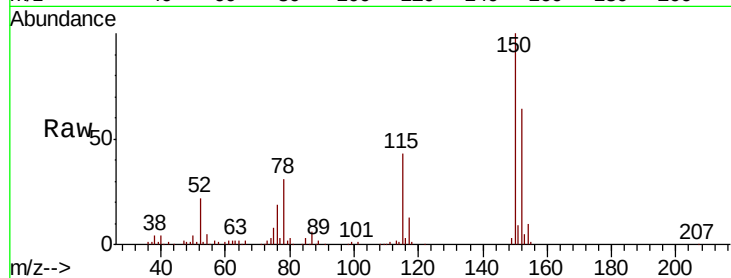


#1

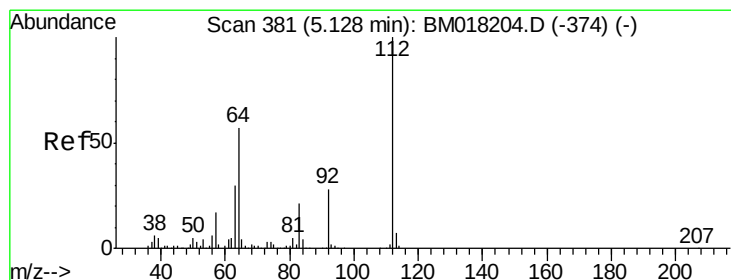
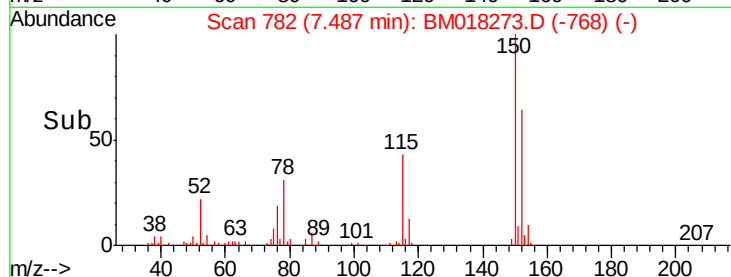
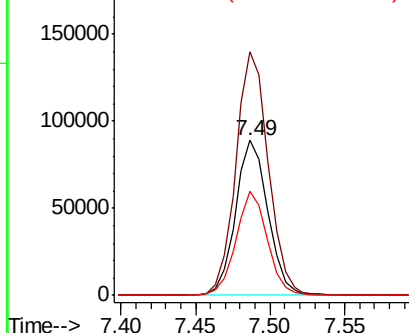
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018273.D
Acq: 18 Dec 2018 16:23

Instrument :
BNA_M
ClientSampleId :

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



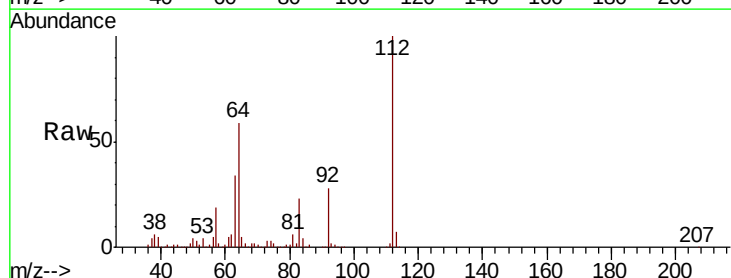
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



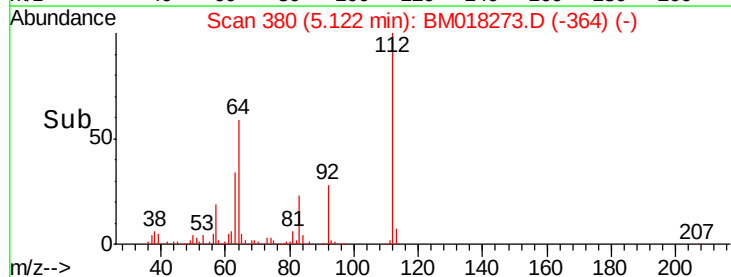
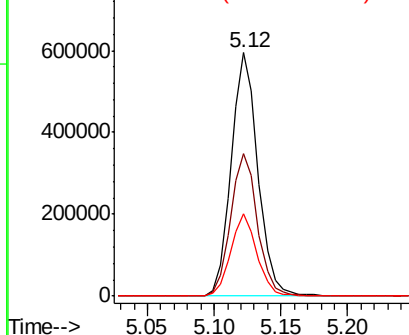
#5

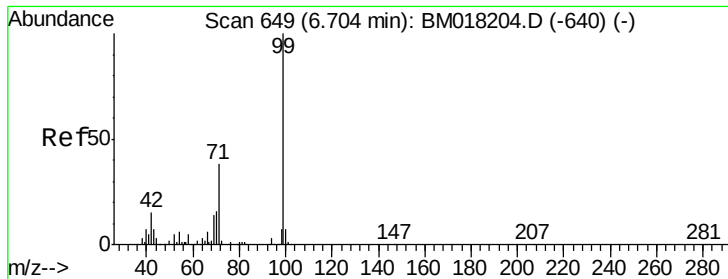
2-Fluorophenol
Concen: 103.715 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018273.D
Acq: 18 Dec 2018 16:23

Tgt Ion	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 :

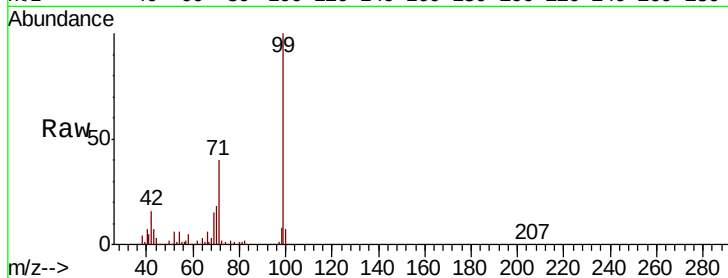
Tot Ion: 99 Resp: 1136698

Ion Ratio Lower Upper

99 100

42 16.2 12.3 18.5

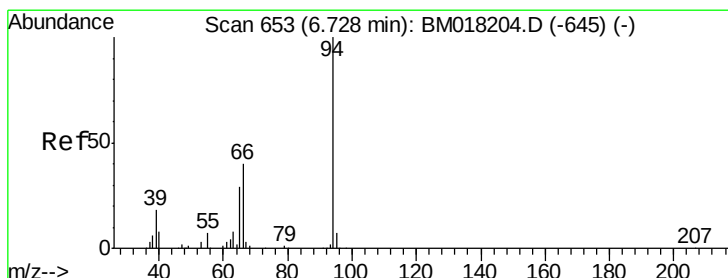
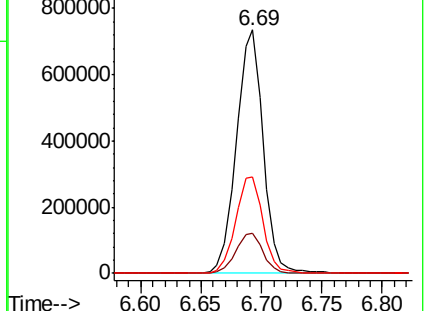
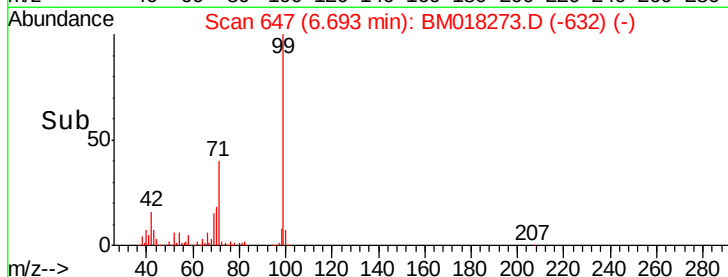
71 39.7 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#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

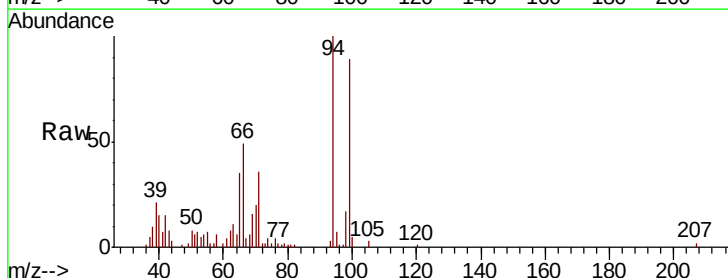
Tgt Ion: 94 Resp: 57346

Ion Ratio Lower Upper

94 100

65 35.3 9.5 49.5

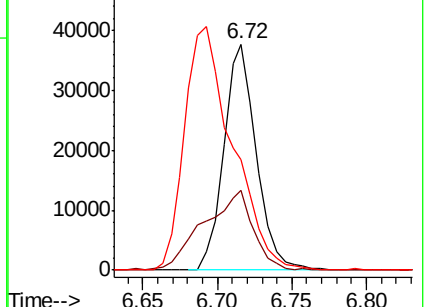
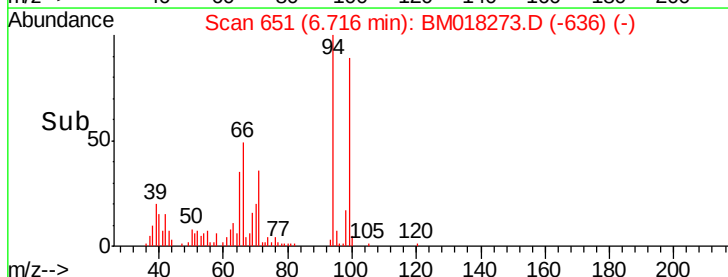
66 49.1 21.3 61.3

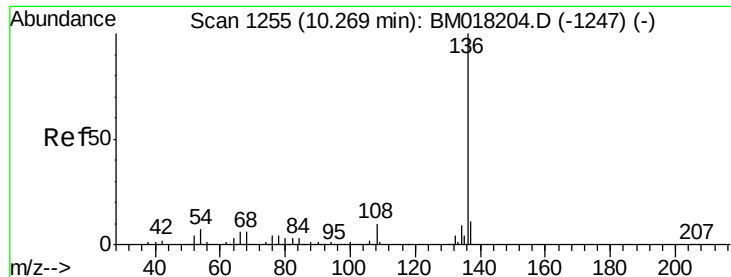


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)

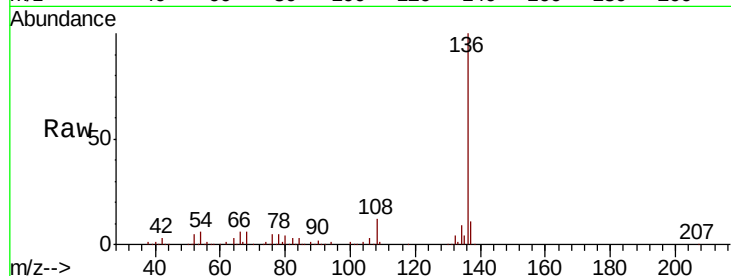




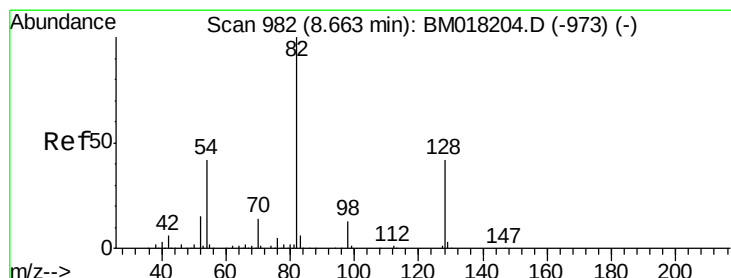
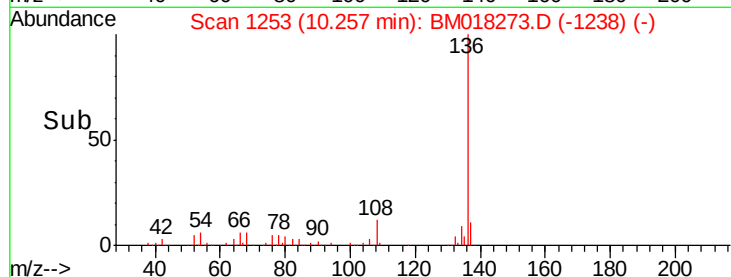
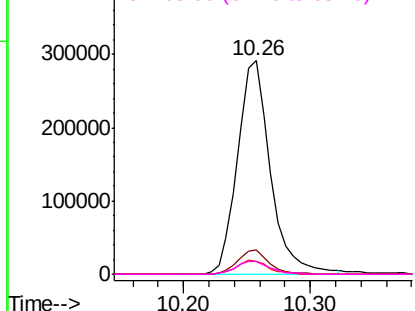
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM018273.D
Acq: 18 Dec 2018 16:23

Instrument :
BNA_M
ClientSampleId :

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

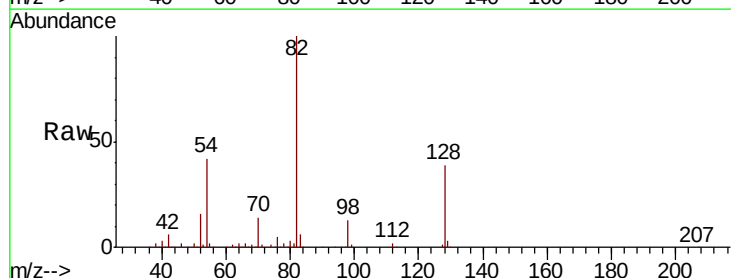


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

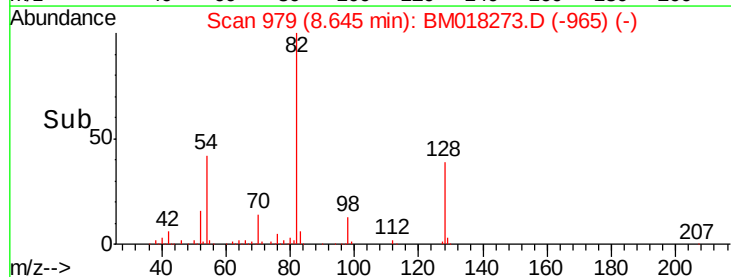
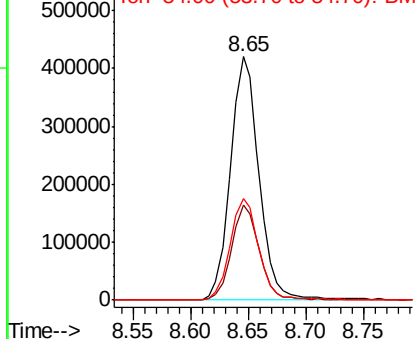


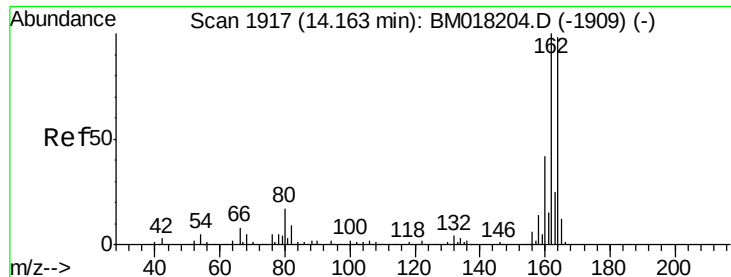
#23
Nitrobenzene-d5
Concen: 70.305 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018273.D
Acq: 18 Dec 2018 16:23

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

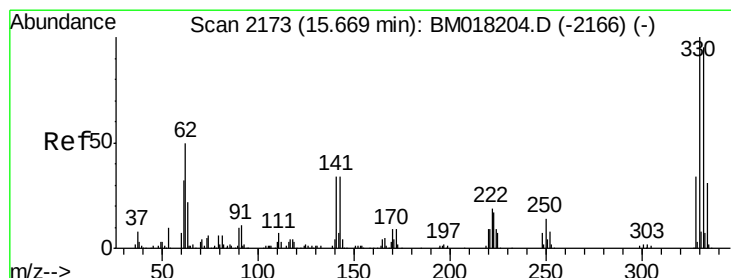
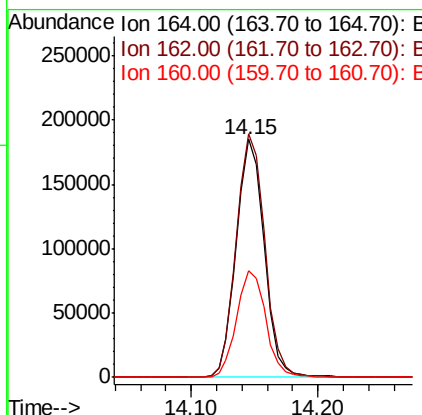
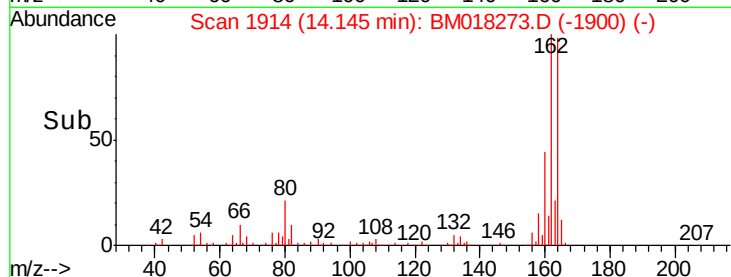
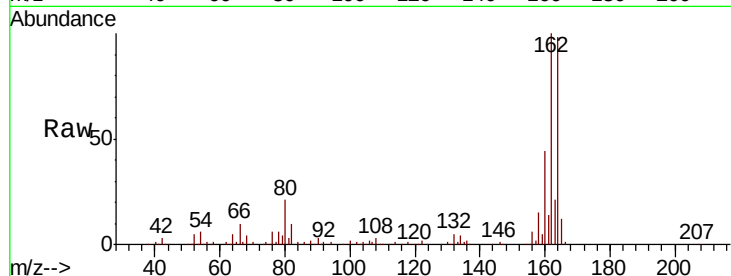




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018273.D
Acq: 18 Dec 2018 16:23

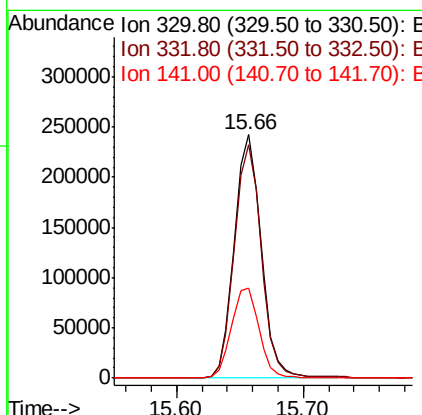
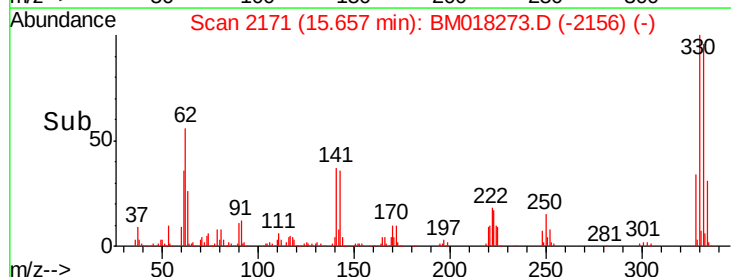
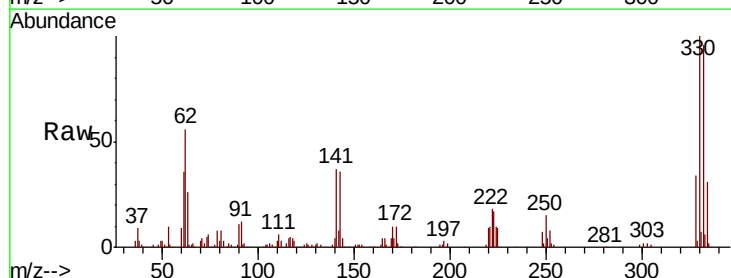
Instrument :
BNA_M
ClientSampleId :

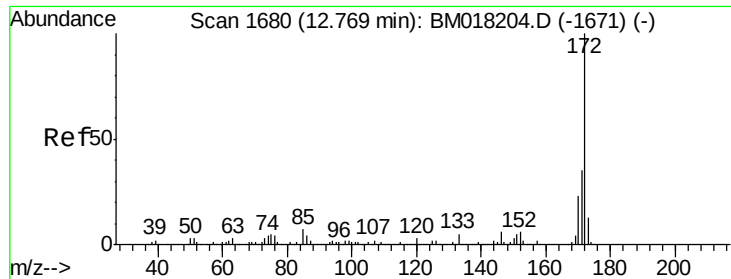
Tot Ion:164 Resp: 282270
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 45.0 34.6 51.8



#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



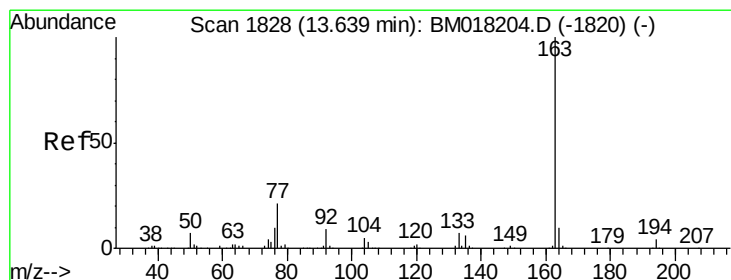
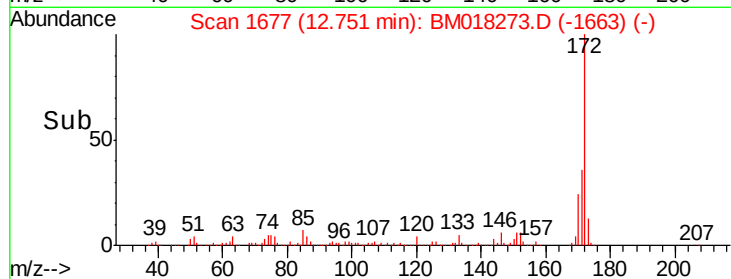
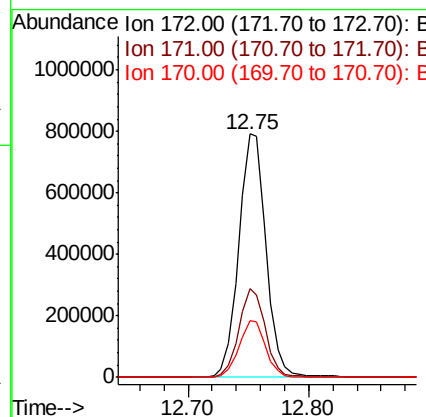
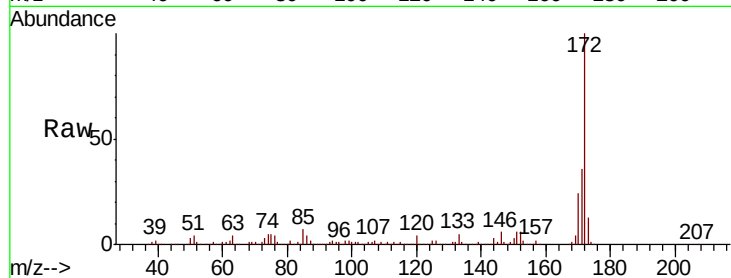


#45
 2-Fluorobiphenyl
 Concen: 57.261 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018273.D
 Acq: 18 Dec 2018 16:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1247881

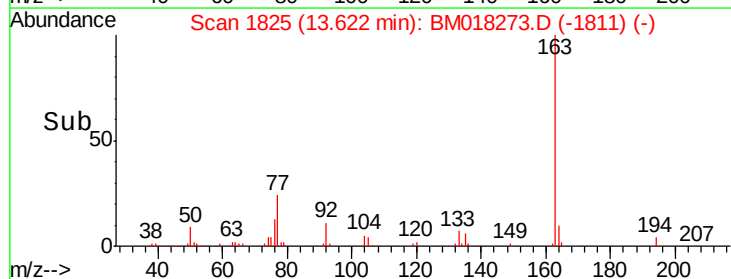
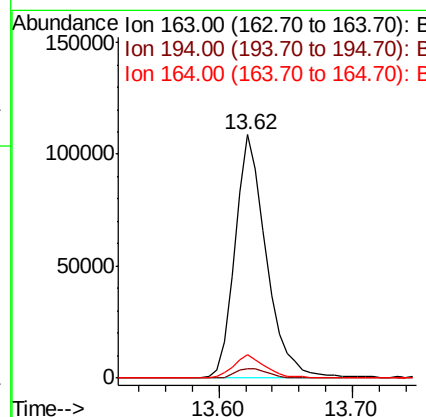
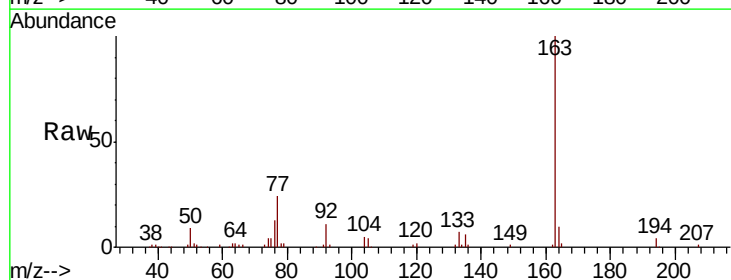
Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.3	42.5
170	23.5	18.1	27.1

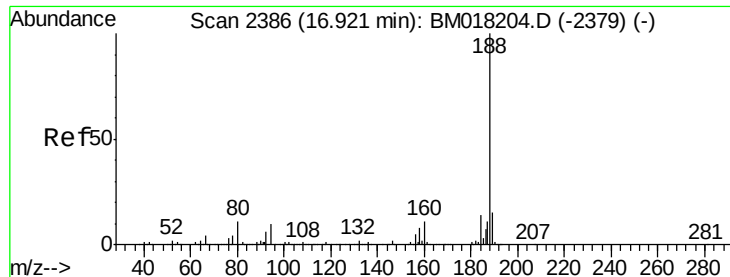


#50
 Dimethylphthalate
 Concen: 7.582 ng
 RT: 13.62 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BM018273.D
 Acq: 18 Dec 2018 16:23

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

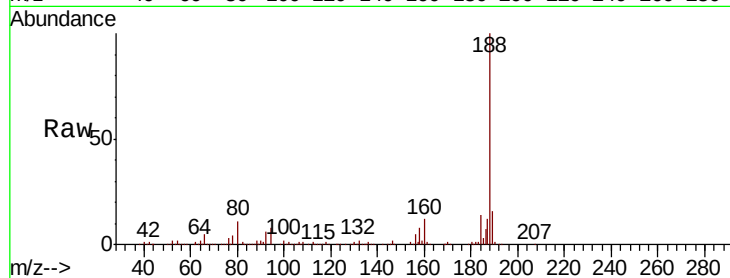




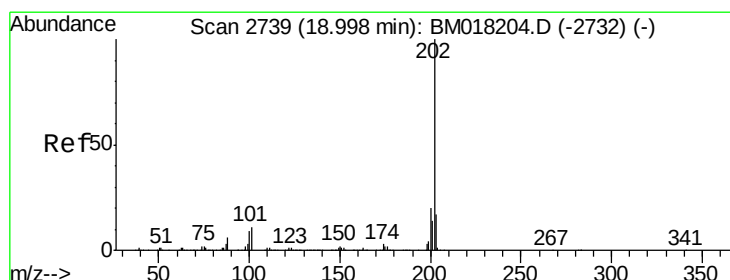
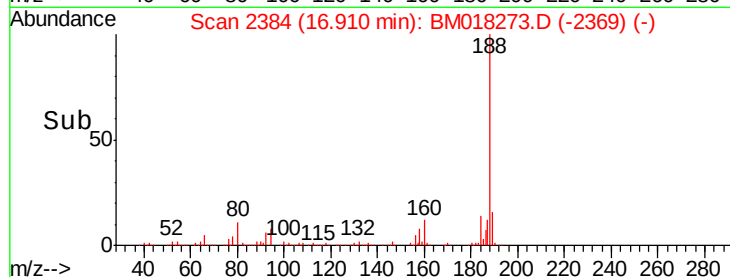
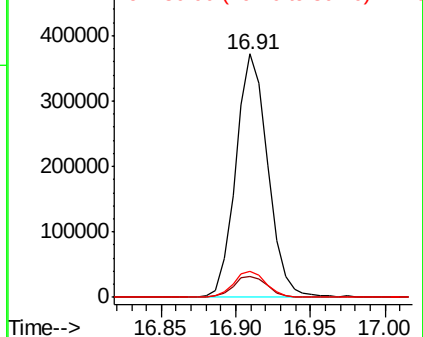
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018273.D
Acq: 18 Dec 2018 16:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.0	12.0
80	10.8	9.0	13.6

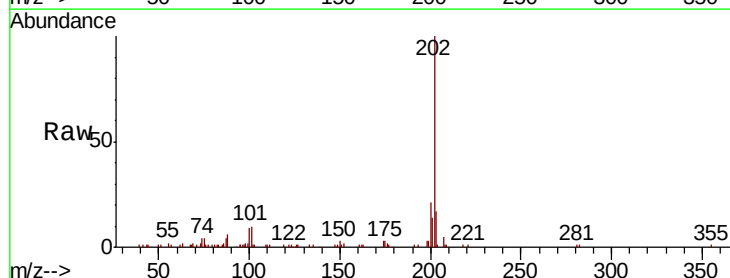


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

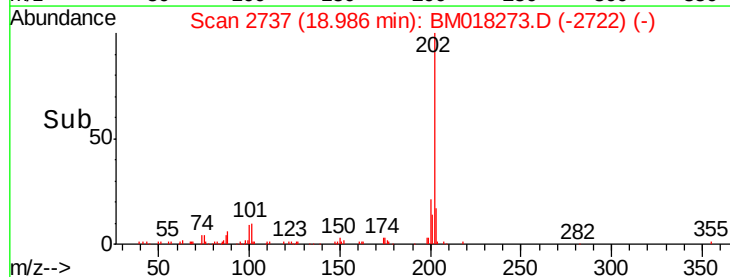
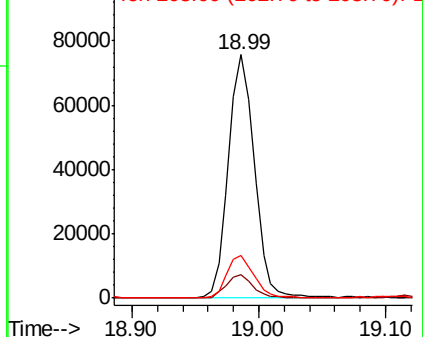


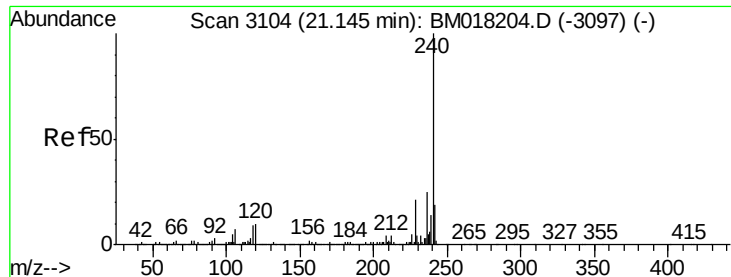
#75
Fluoranthene
Concen: 3.089 ng
RT: 18.99 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BM018273.D
Acq: 18 Dec 2018 16:23

Tgt Ion	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

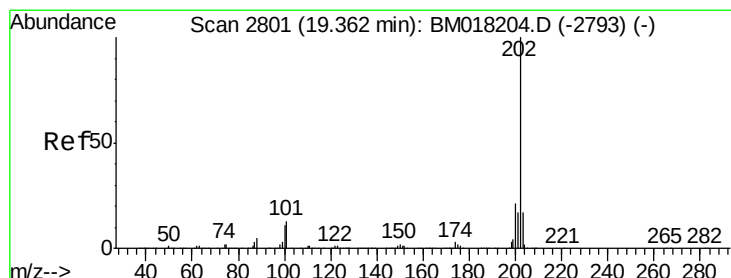
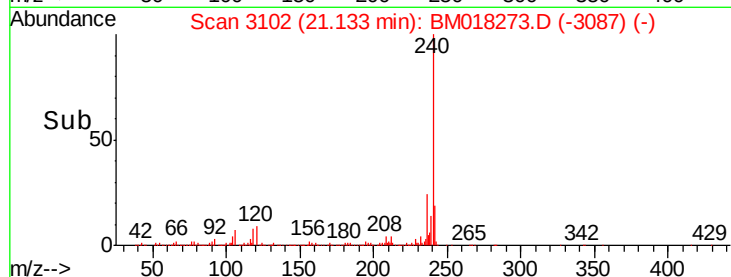
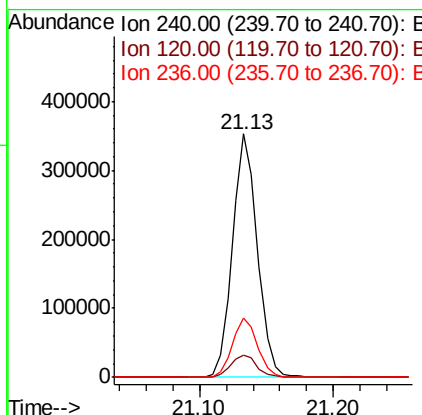
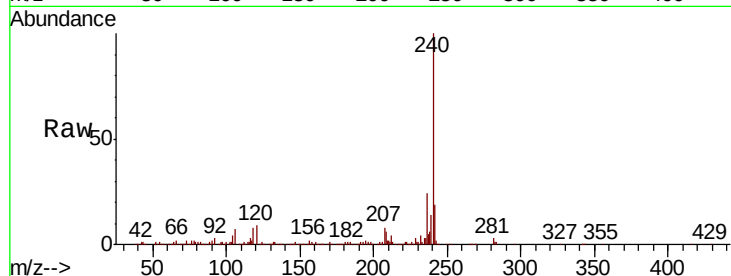




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018273.D
Acq: 18 Dec 2018 16:23

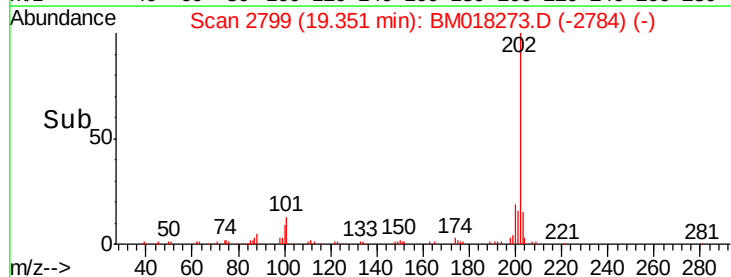
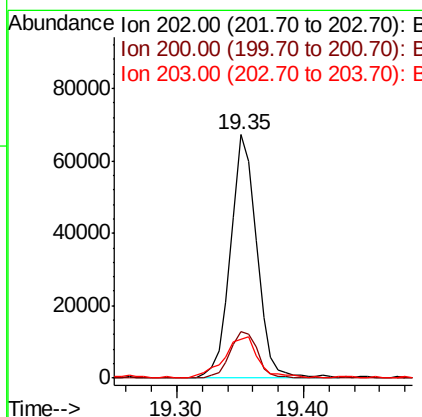
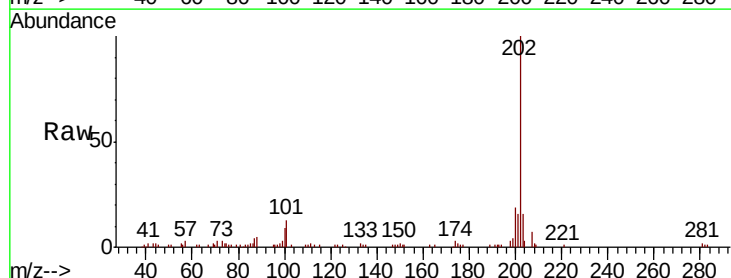
Instrument :
BNA_M
ClientSampleId :

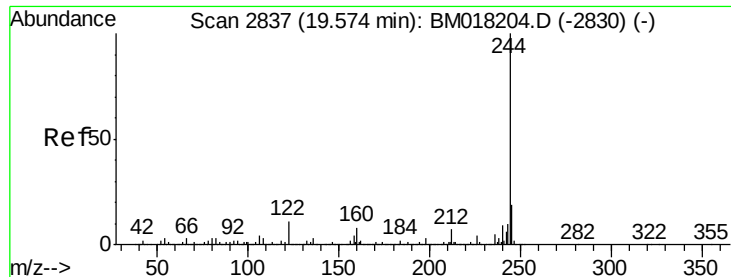
Tot Ion:240 Resp: 459411
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 24.3 20.3 30.5



#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





#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

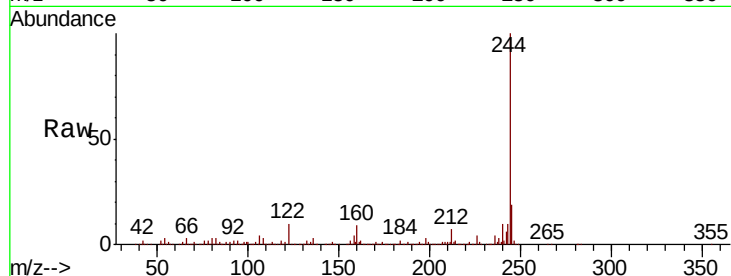
Instrument :

BNA_M

ClientSampleId :

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

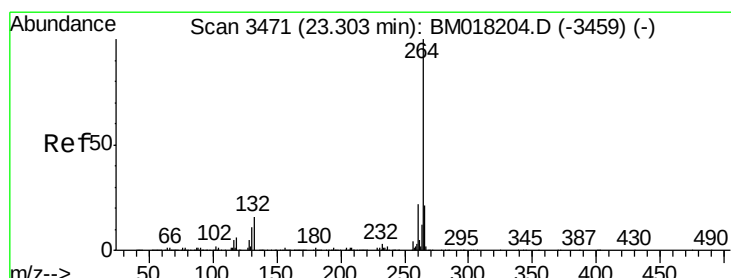
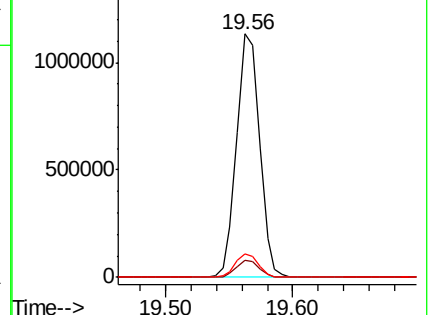
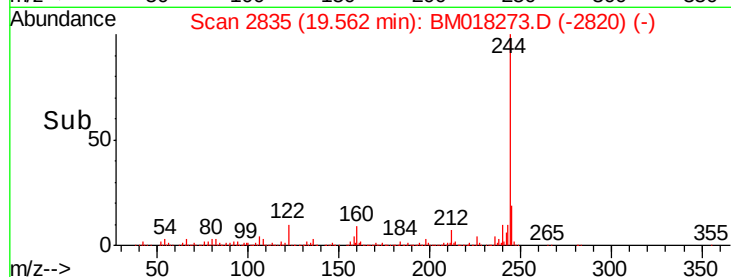


Abundance

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

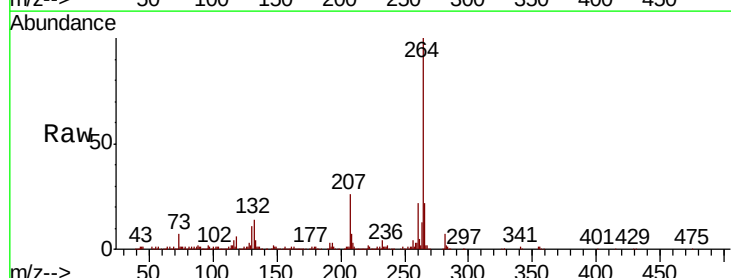
Delta R.T. -0.01 min

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

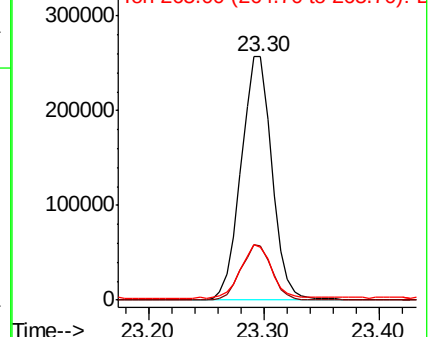
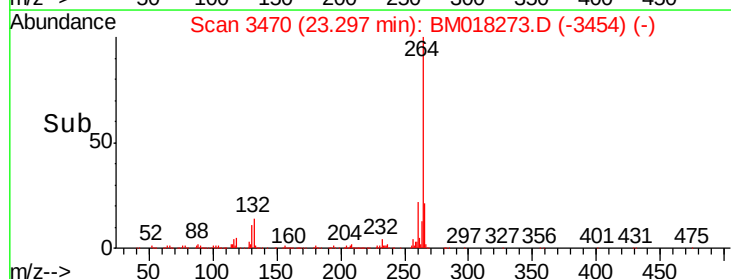


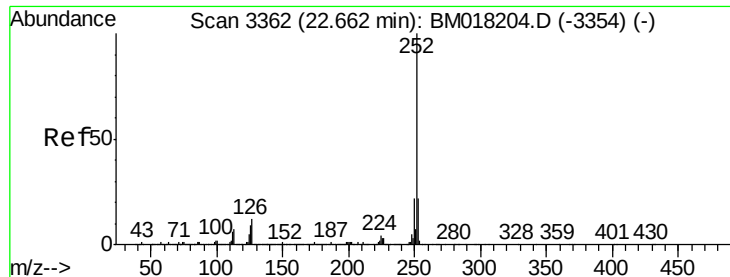
Abundance

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

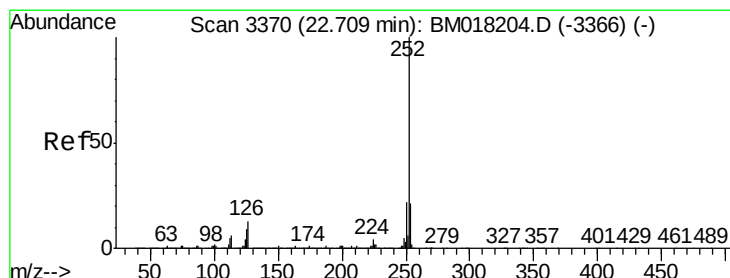
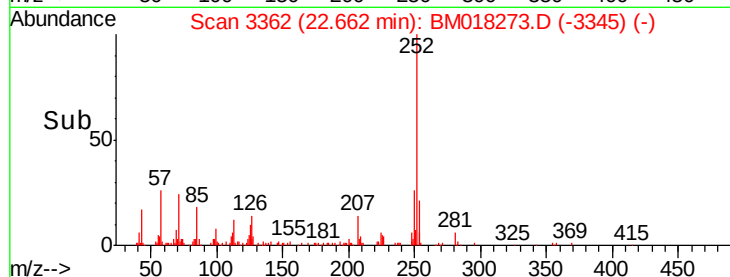
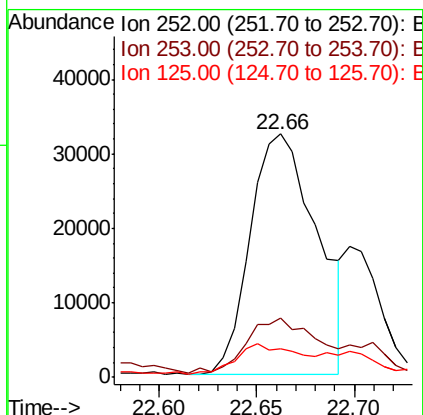
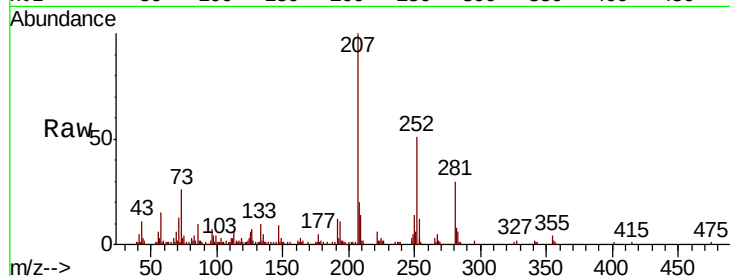
Acq: 18 Dec 2018 16:23

Instrument :

BNA_M

ClientSampled :

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#



#89

Benzo(k)fluoranthene

Concen: 2.853 ng

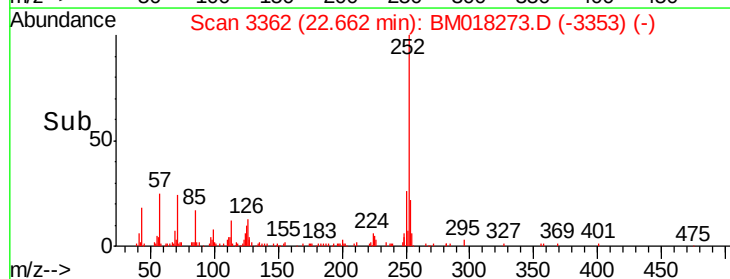
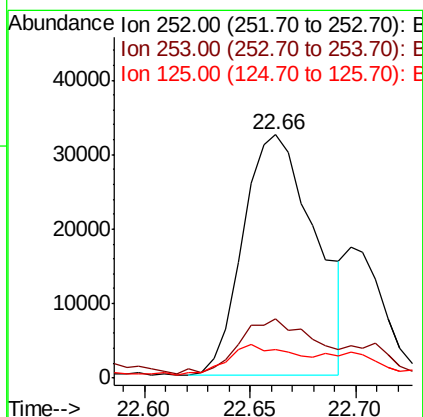
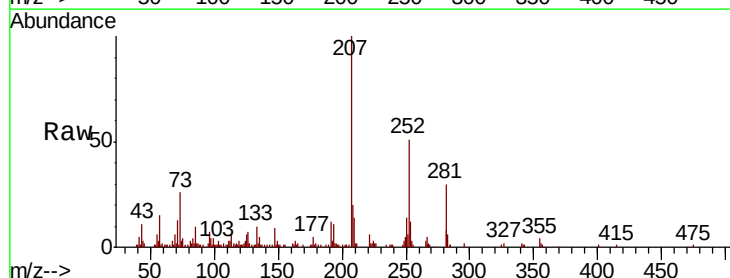
RT: 22.66 min Scan# 3362

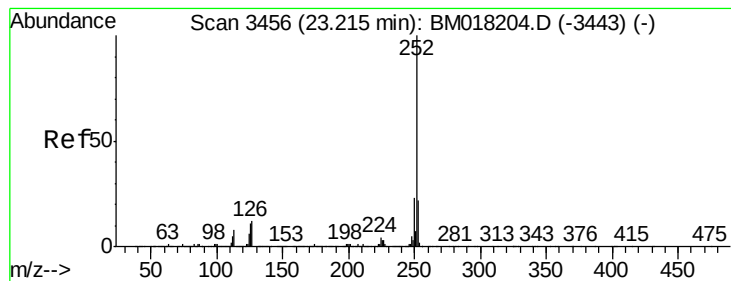
Delta R.T. -0.05 min

Lab File: BM018273.D

Acq: 18 Dec 2018 16:23

Tgt	Ion:252	Resp:	76296
Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.9	25.3
125	11.8	7.5	11.3#





#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

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 252 Resp: 53387

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 10.7 8.6 12.8

