

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019065.D
 Acq On : 06 Mar 2019 10:35
 Operator : JU/SJ
 Sample : K1705-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B104-022719

Quant Time: Mar 06 11:14:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

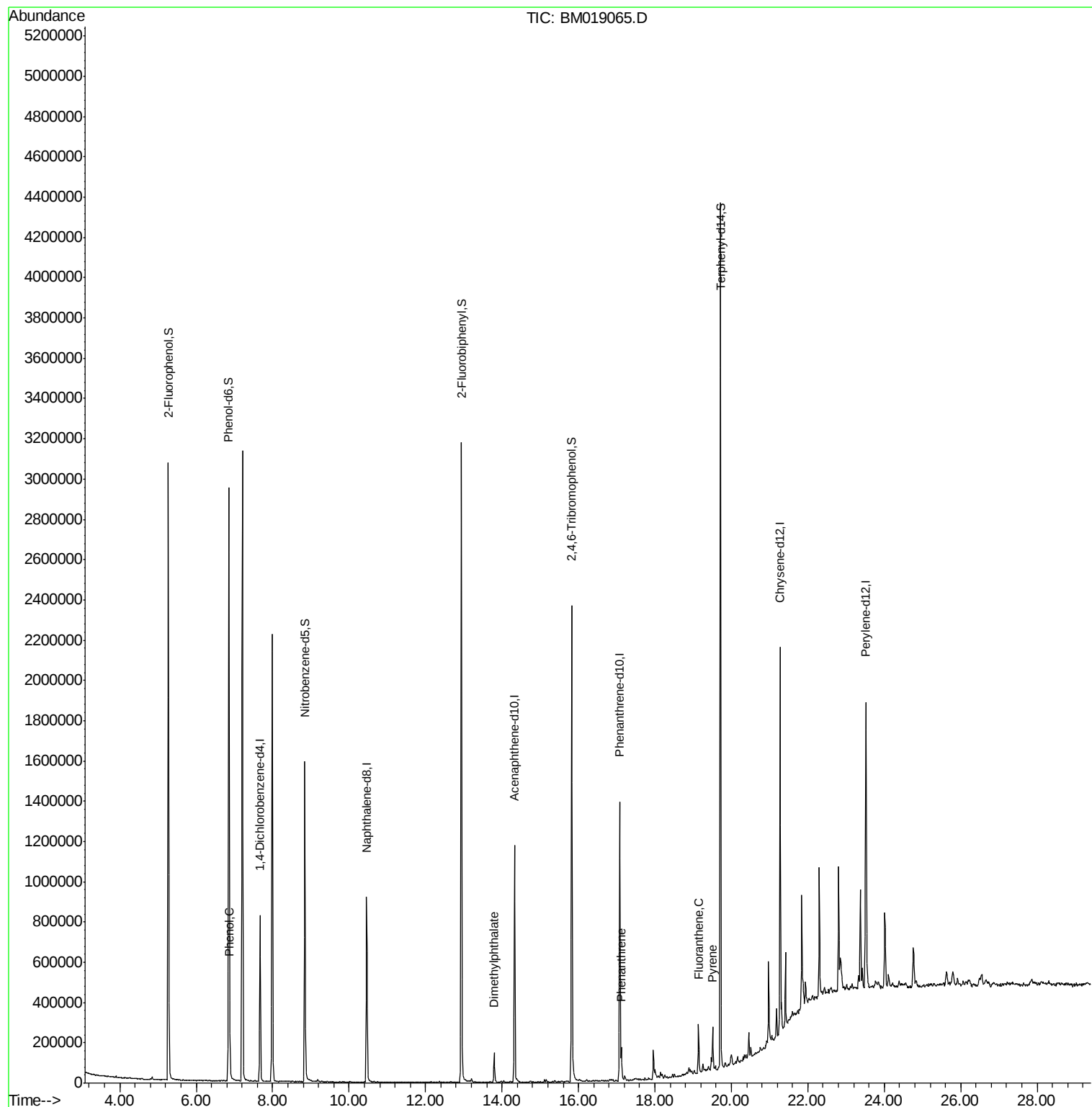
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	215066	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	774237	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	384881	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	777136	20.00	ng	0.00
76) Chrysene-d12	21.28	240	818023	20.00	ng	0.00
87) Perylene-d12	23.52	264	994196	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1283616	97.79	ng	0.00
7) Phenol-d6	6.85	99	1672835	90.47	ng	0.00
23) Nitrobenzene-d5	8.84	82	1046316	62.49	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	455110	82.03	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	1610765	55.56	ng	-0.01
79) Terphenyl-d14	19.72	244	1822580	45.96	ng	-0.01
Target Compounds						
10) Phenol	6.88	94	60872	3.129	ng	95
50) Dimethylphthalate	13.79	163	99845	3.113	ng	98
71) Phenanthrene	17.12	178	85670	2.051	ng	99
75) Fluoranthene	19.14	202	132253	2.741	ng	99
78) Pyrene	19.51	202	123398	2.597	ng	98

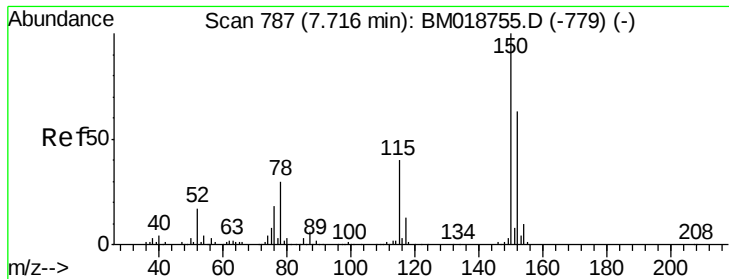
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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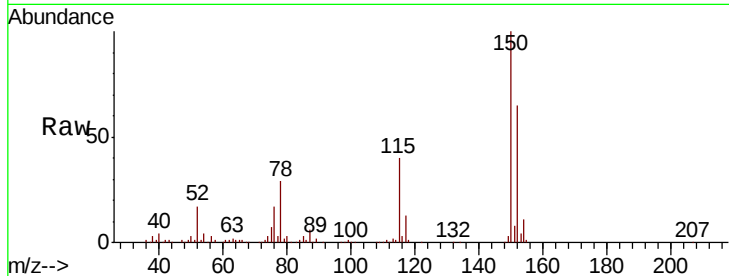


#1

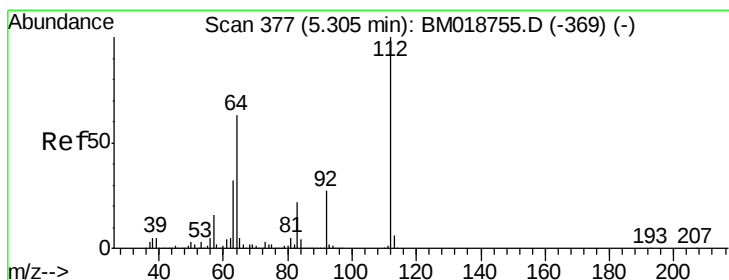
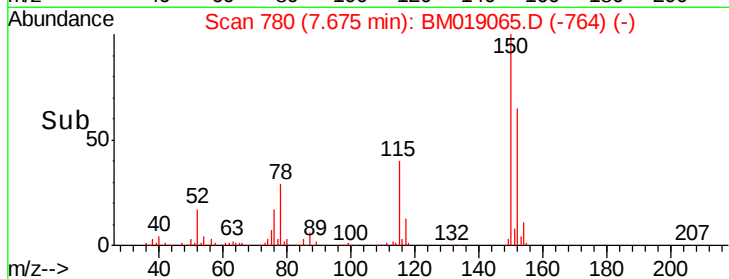
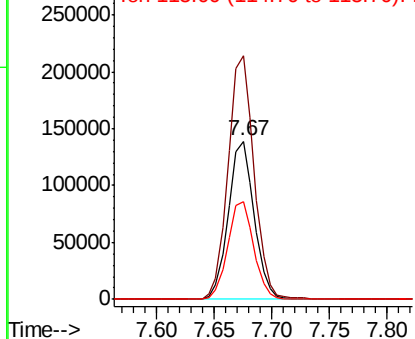
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tot Ion:152 Resp: 215066
Ion Ratio Lower Upper
152 100
150 154.1 127.3 190.9
115 61.8 50.8 76.2



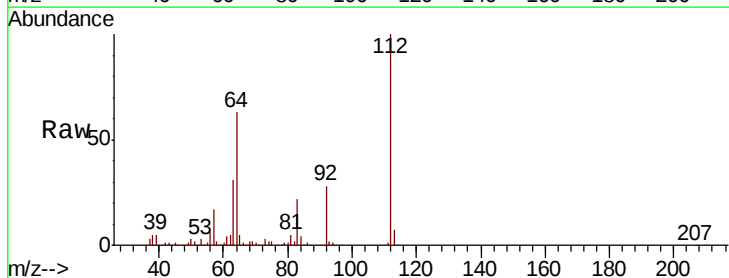
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



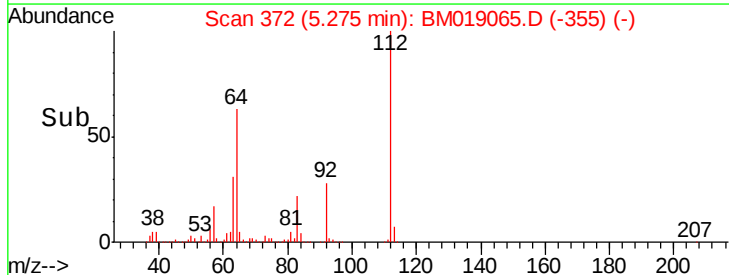
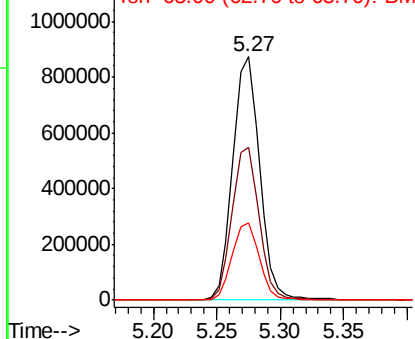
#5

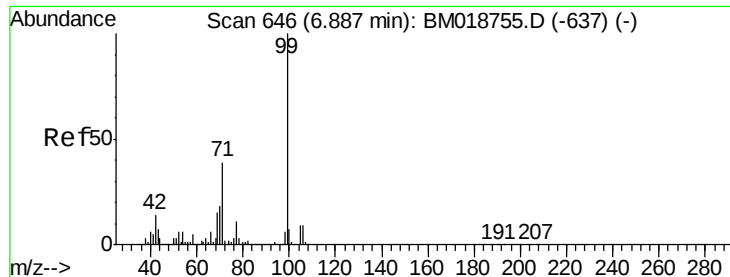
2-Fluorophenol
Concen: 97.792 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Tgt Ion:112 Resp: 1283616
Ion Ratio Lower Upper
112 100
64 62.7 50.6 75.8
63 31.5 25.7 38.5



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: 90.466 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

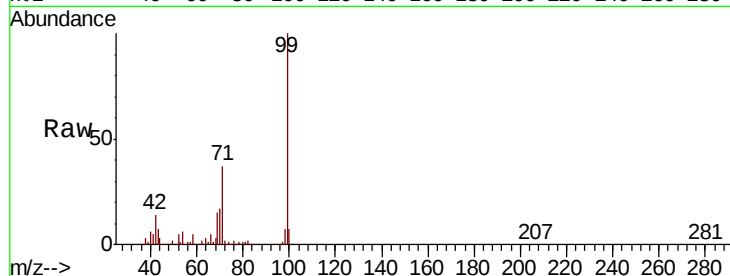
Tot Ion: 99 Resp: 1672835

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

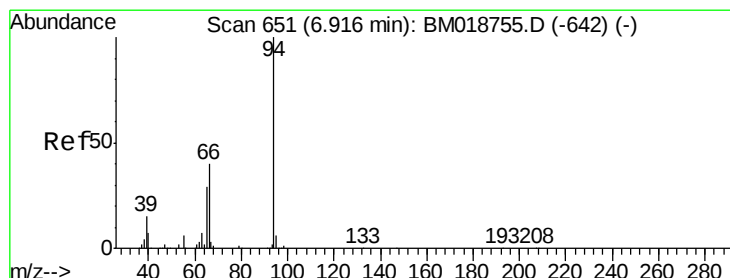
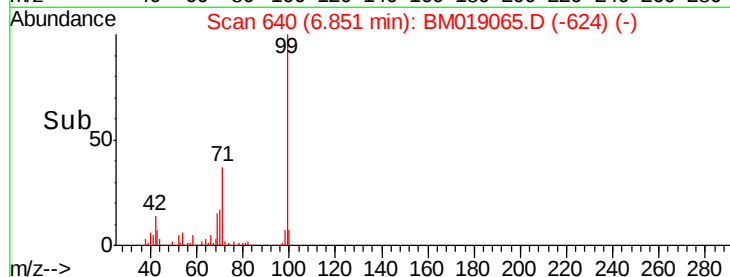
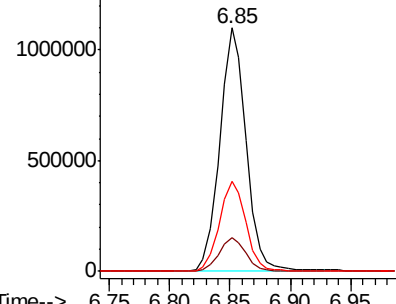
71 36.9 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 3.129 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

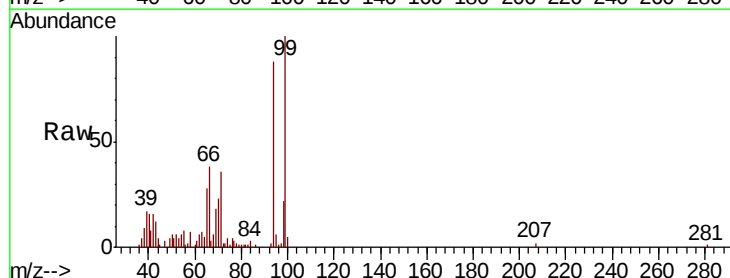
Tgt Ion: 94 Resp: 60872

Ion Ratio Lower Upper

94 100

65 32.2 9.6 49.6

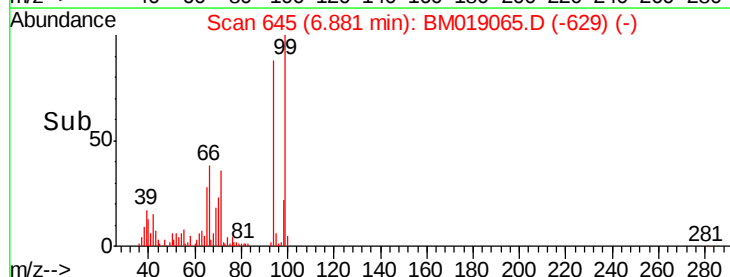
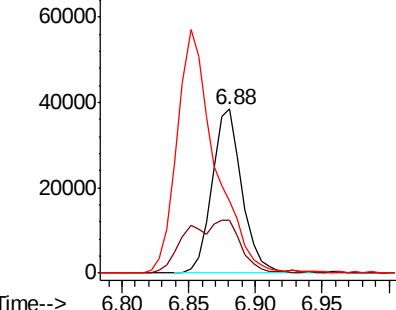
66 43.8 20.4 60.4

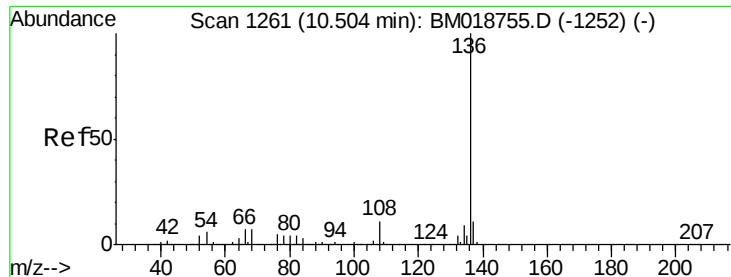


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

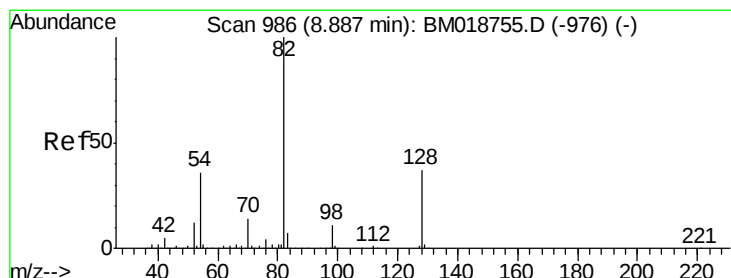
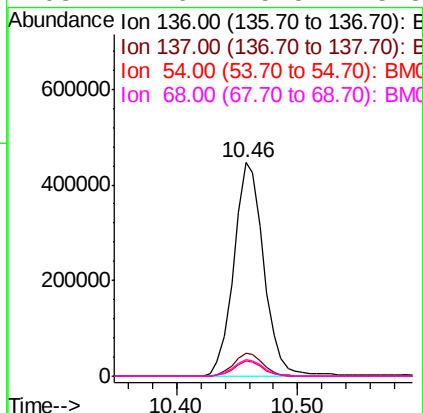
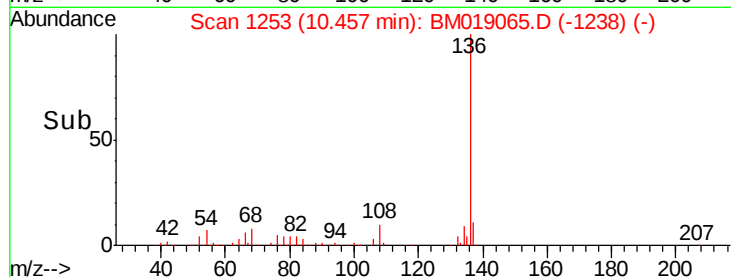
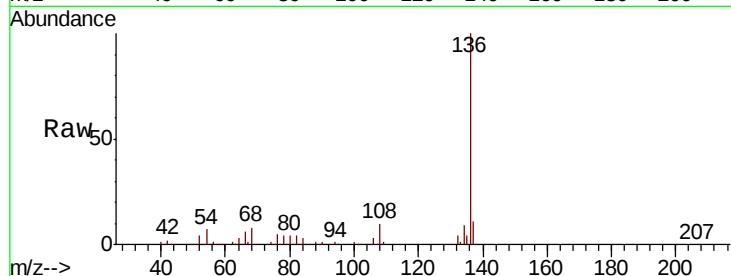




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

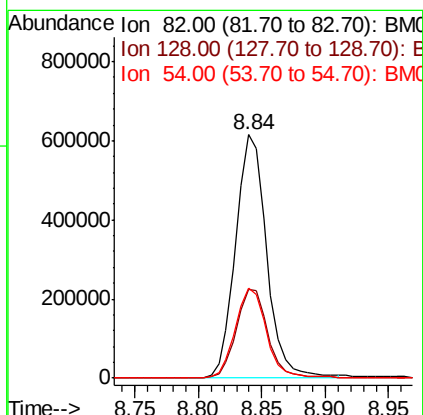
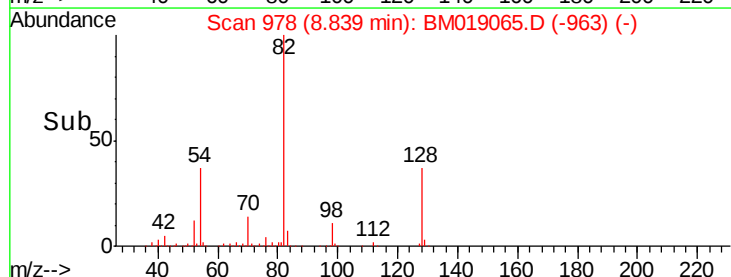
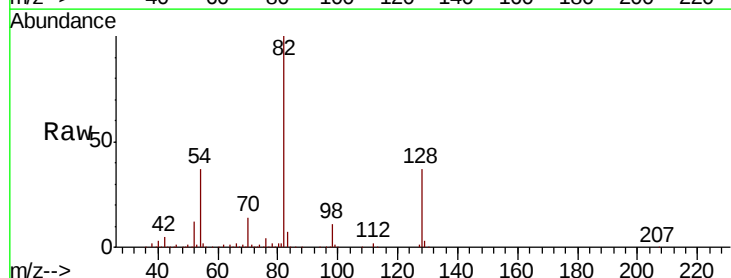
Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

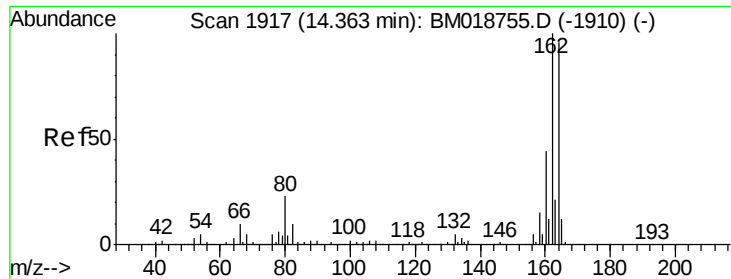
Tot Ion:136	Resp:	774237
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 7.2	5.0	7.6
68 7.6	5.5	8.3



#23
Nitrobenzene-d5
Concen: 62.488 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Tgt	Ion: 82	Resp: 1046316	
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.9	44.9
54	36.9	29.1	43.7

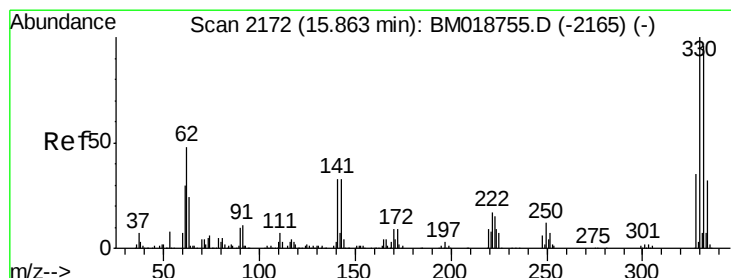
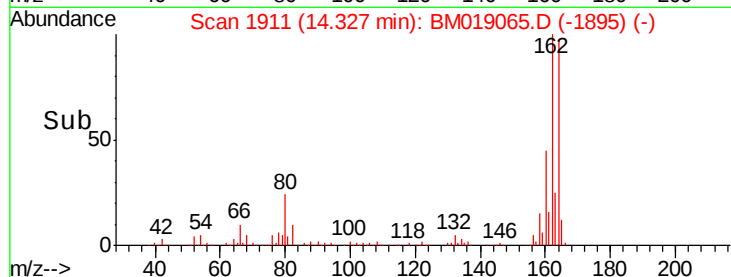
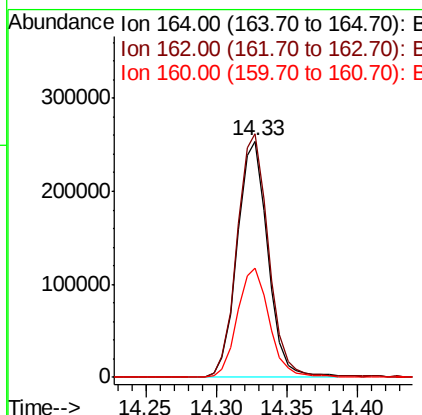
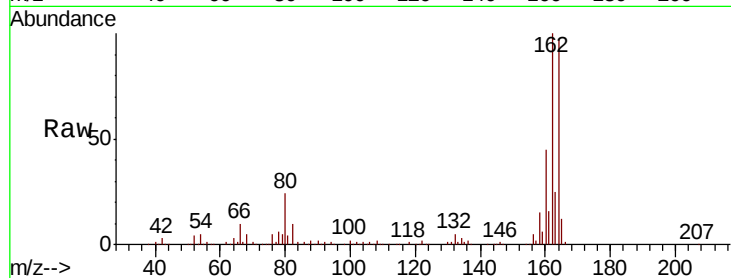




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

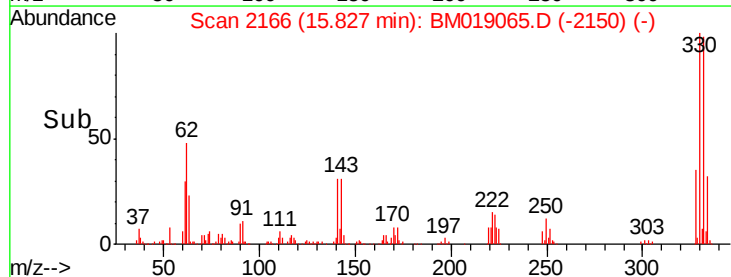
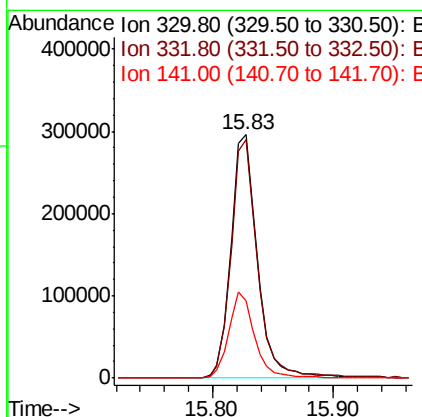
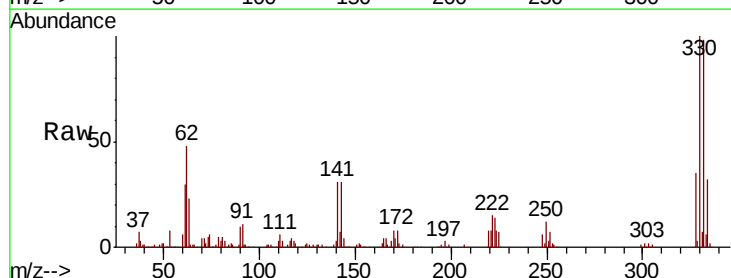
Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tot Ion:164 Resp: 384881
Ion Ratio Lower Upper
164 100
162 103.1 83.4 125.0
160 46.2 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 82.032 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Tgt Ion:330 Resp: 455110
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 34.6 28.7 43.1

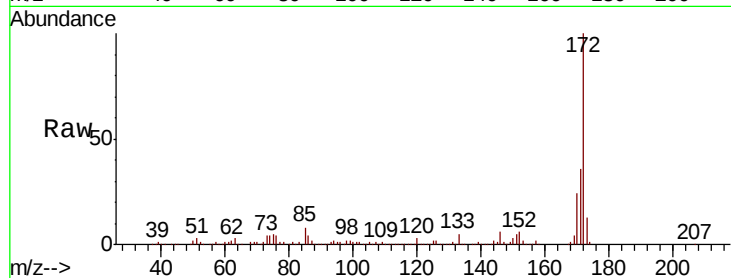




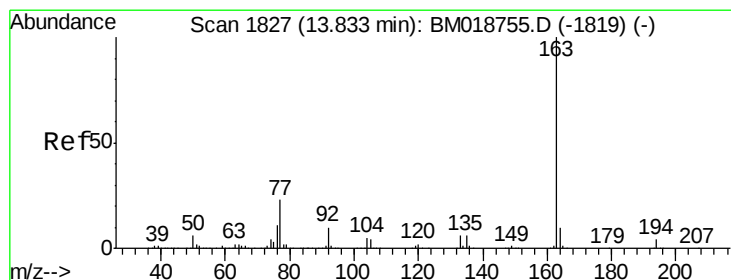
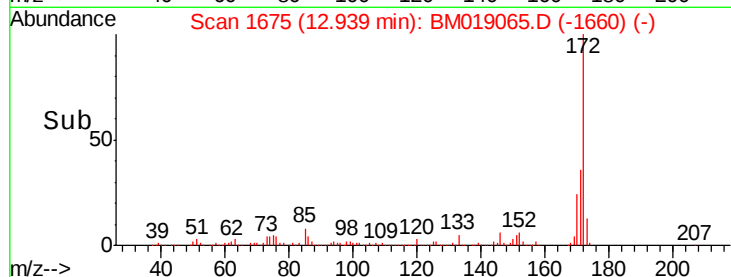
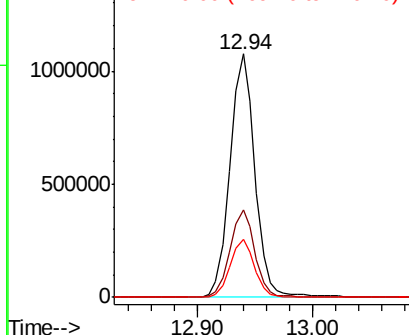
#45
2-Fluorobiphenyl
Concen: 55.556 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tot Ion:172 Resp: 1610765
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.7 18.6 28.0

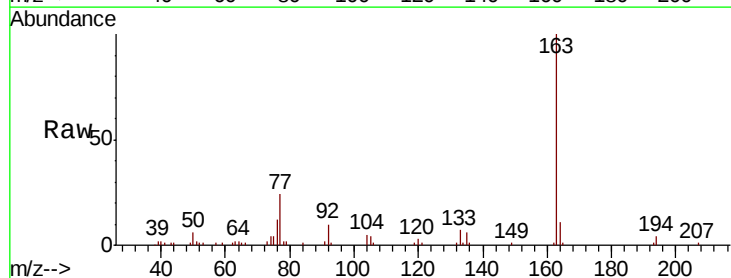


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

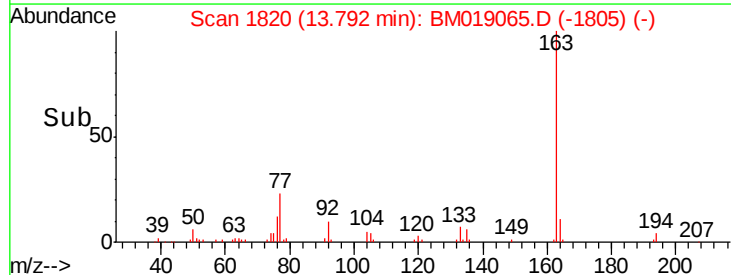
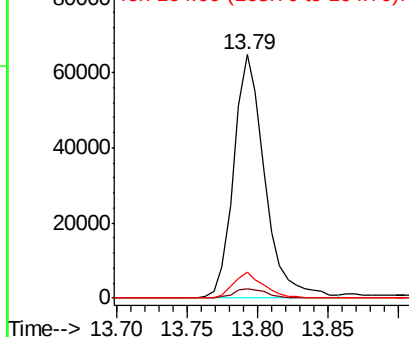


#50
Dimethylphthalate
Concen: 3.113 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Tgt Ion:163 Resp: 99845
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.6 7.8 11.8



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

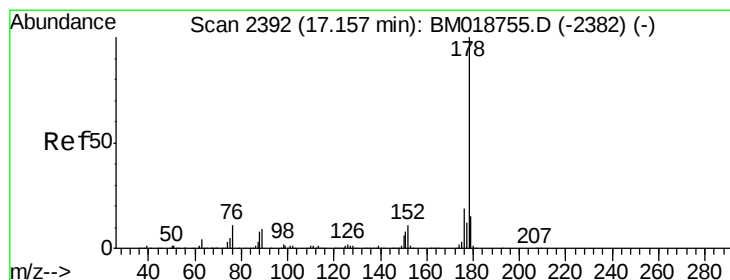
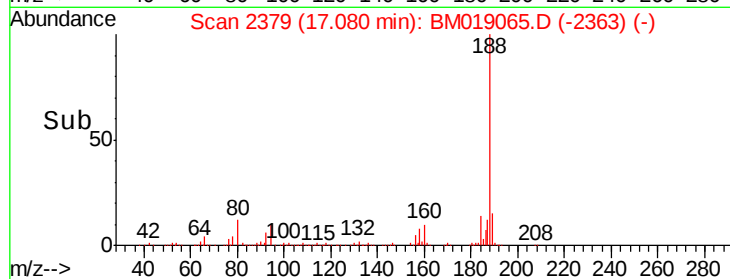
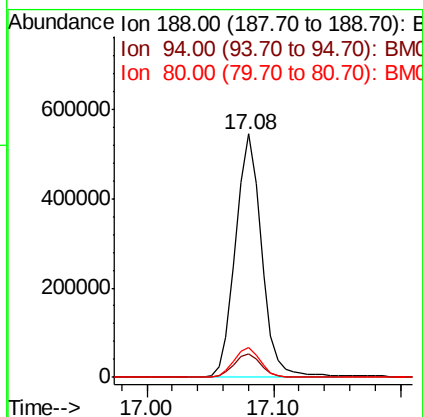
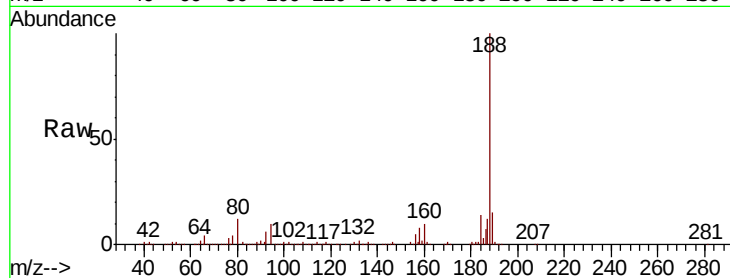




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

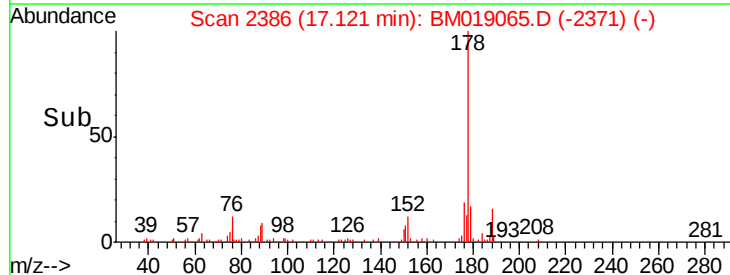
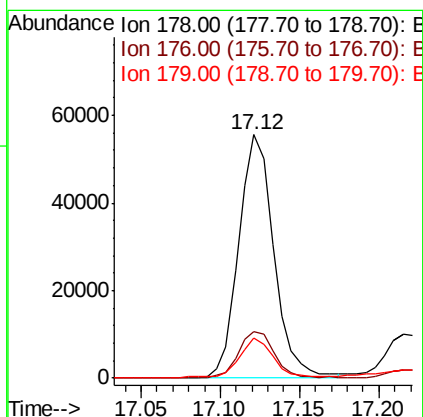
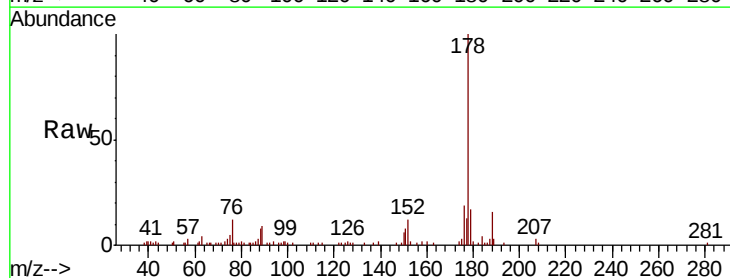
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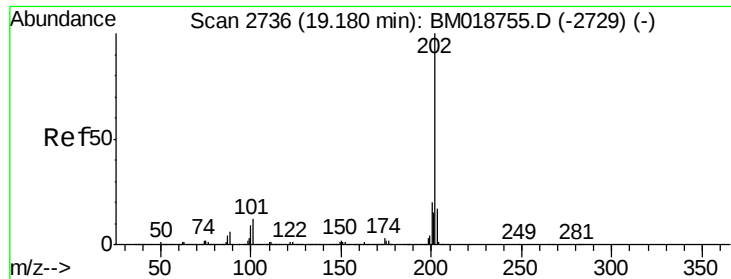
Tot Ion:188 Resp: 777136
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 12.2 9.7 14.5



#71
Phenanthrene
Concen: 2.051 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Tgt Ion:178 Resp: 85670
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 16.7 12.3 18.5





#75

Fluoranthene

Concen: 2.741 ng

RT: 19.14 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

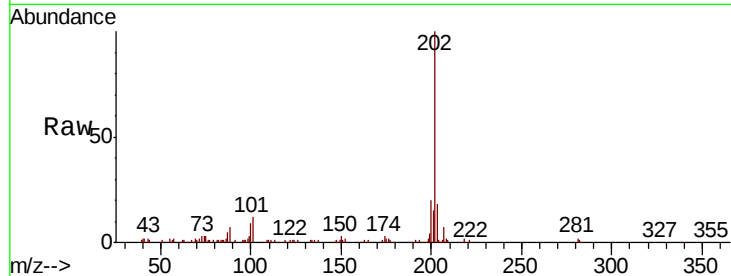
Tot Ion:202 Resp: 132253

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.5

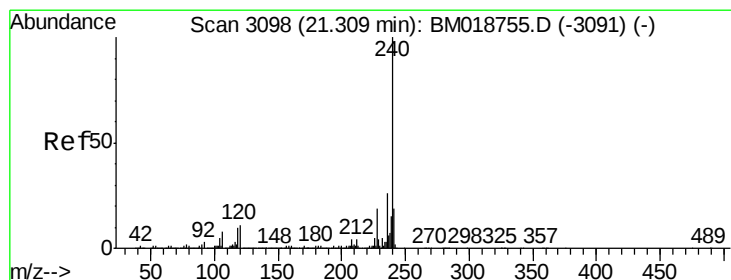
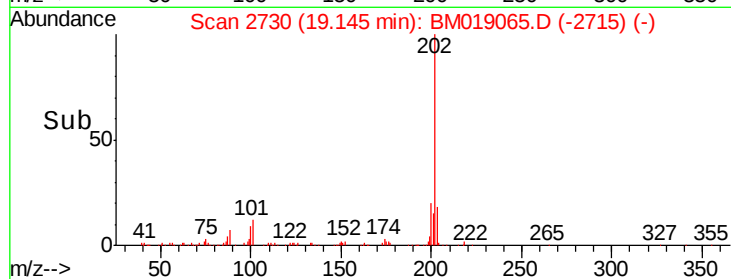
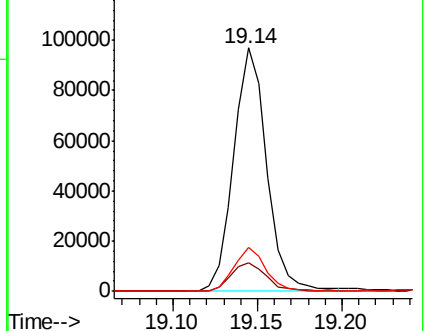
203 18.0 0.0 37.3



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: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

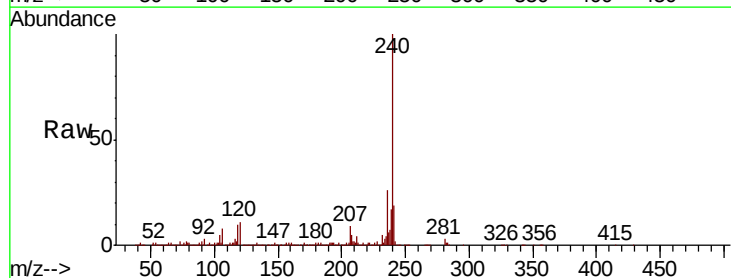
Tgt Ion:240 Resp: 818023

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

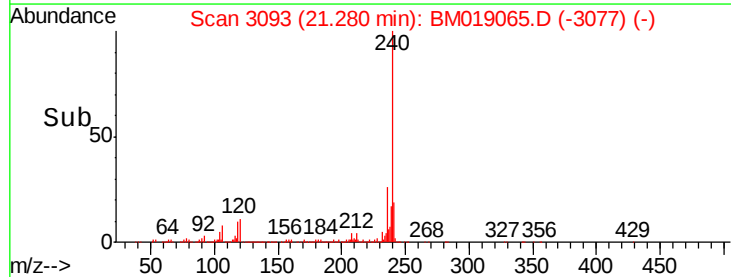
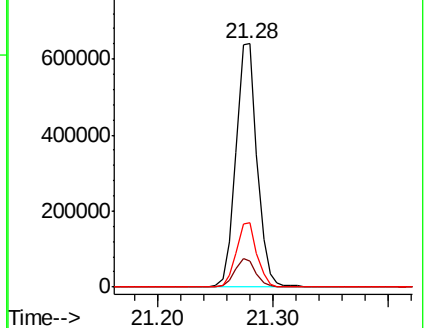
236 26.3 20.9 31.3

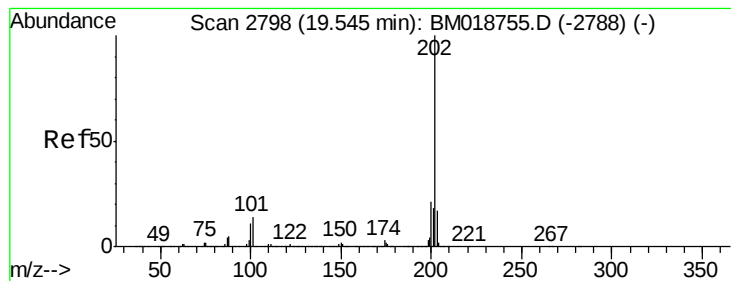


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.597 ng

RT: 19.51 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

Instrument :

BNA_M

ClientSampleId :

PST-028-B104-022719

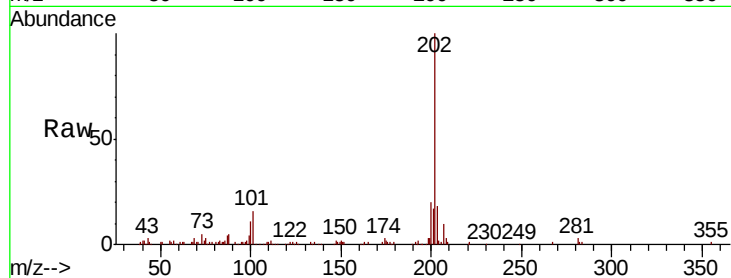
Tot Ion:202 Resp: 123398

Ion Ratio Lower Upper

202 100

200 19.6 16.9 25.3

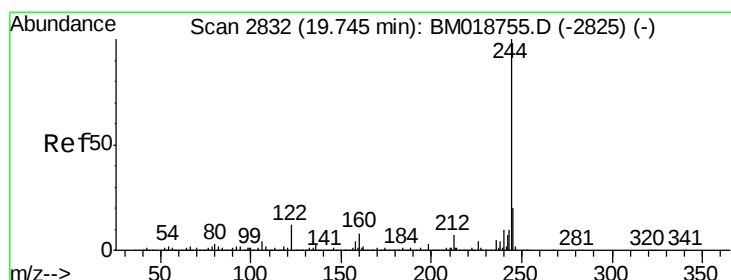
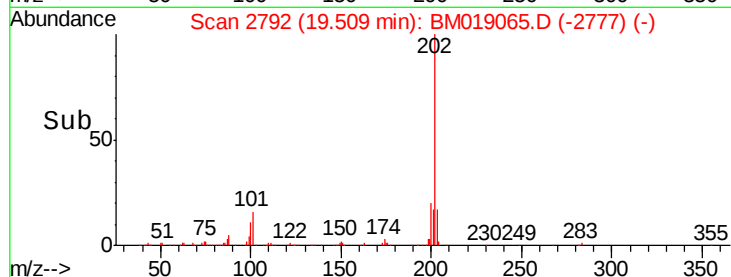
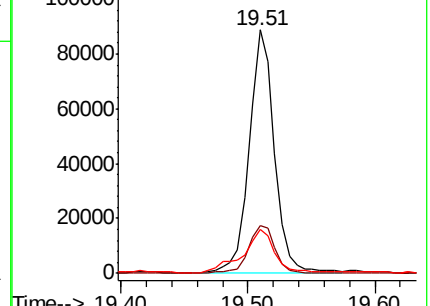
203 17.9 13.8 20.8



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: 45.962 ng

RT: 19.72 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM019065.D

Acq: 06 Mar 2019 10:35

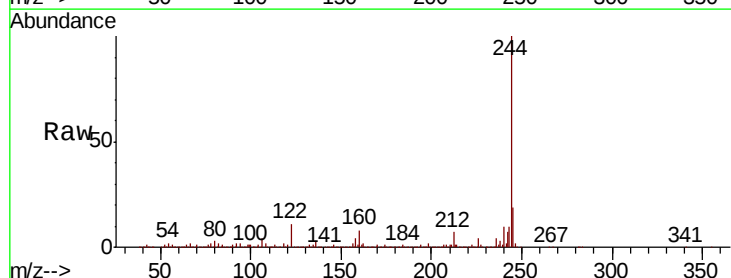
Tgt Ion:244 Resp: 1822580

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

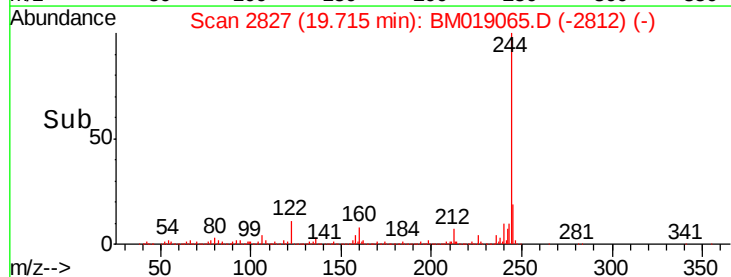
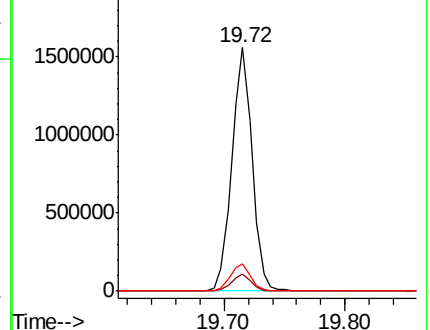
122 11.0 9.3 13.9

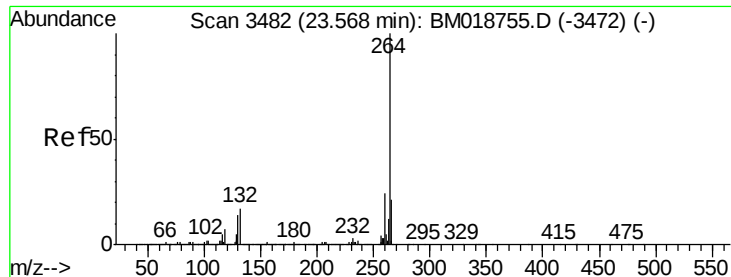


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.52 min Scan# 3474
Delta R.T. -0.01 min
Lab File: BM019065.D
Acq: 06 Mar 2019 10:35

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Tot Ion:	264	Resp:	994196
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	22.3	17.3	25.9

