

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042419\
 Data File : BM020066.D
 Acq On : 24 Apr 2019 16:03
 Operator : JU/SJ
 Sample : PB119063BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BL

Quant Time: Apr 25 02:36:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	108715	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	339777	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	213645	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	437941	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	382256	20.00	ng	-0.01
87) Perylene-d12	23.33	264	417706	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	816883	121.78	ng	-0.03
7) Phenol-d6	6.68	99	1062267	105.22	ng	-0.03
23) Nitrobenzene-d5	8.66	82	652307	85.86	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	350619	101.95	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1393474	81.28	ng	-0.03
79) Terphenyl-d14	19.57	244	1991837	91.91	ng	-0.02

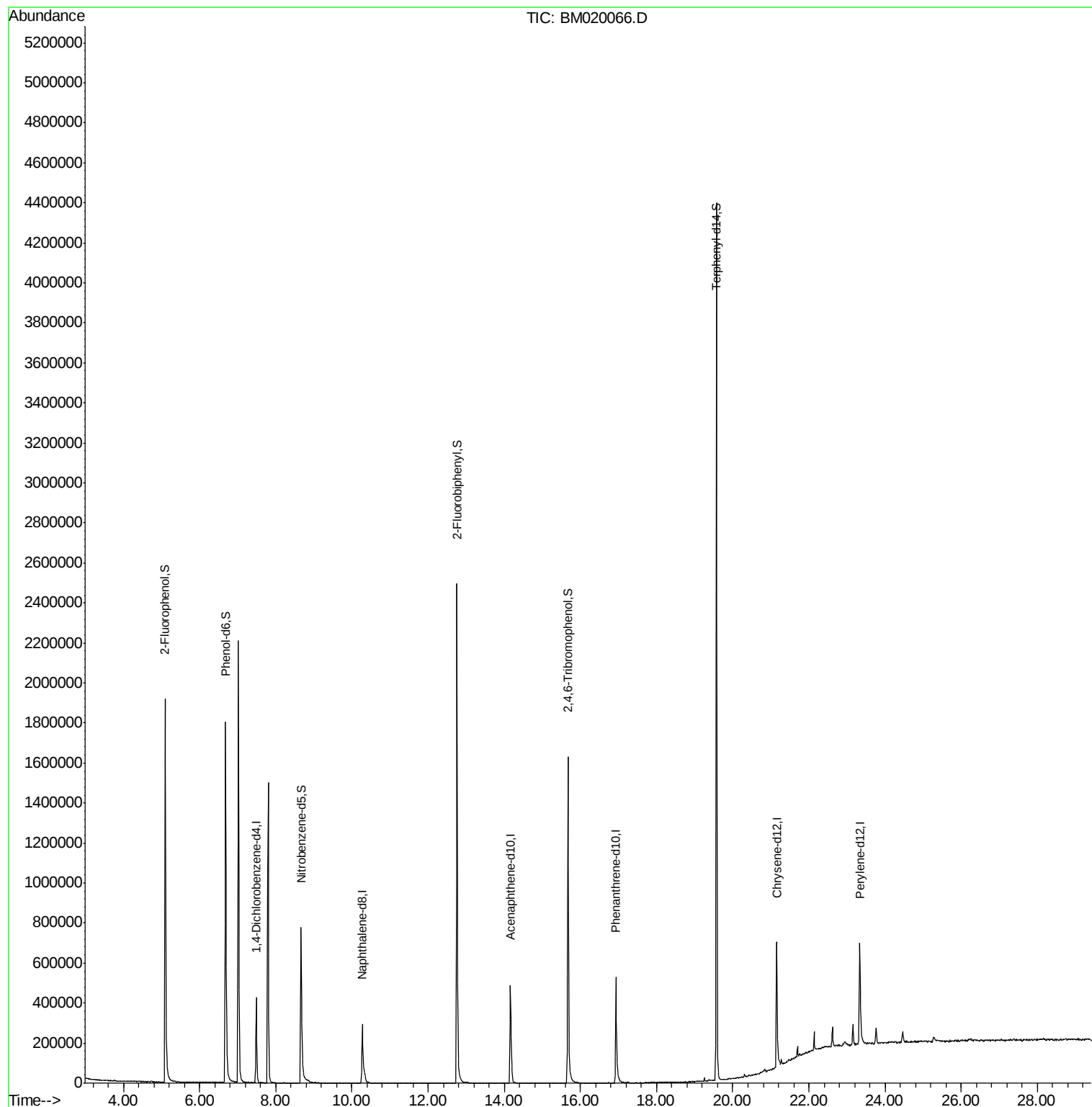
Target Compounds	Qvalue
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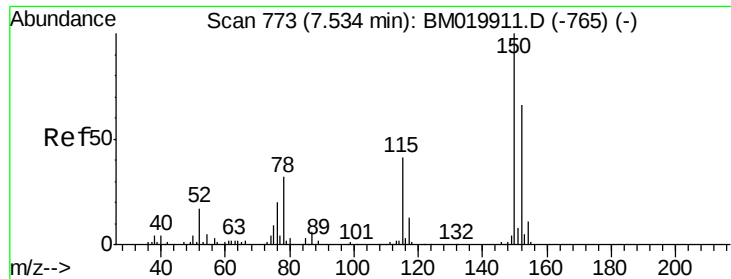
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.49 min Scan# 765

Delta R.T. -0.02 min

Lab File: BM020066.D

Acq: 24 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

PB119063BL

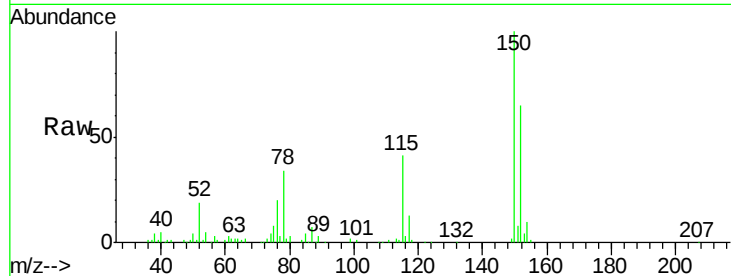
Tgt Ion:152 Resp: 108715

Ion Ratio Lower Upper

152 100

150 154.5 122.1 183.1

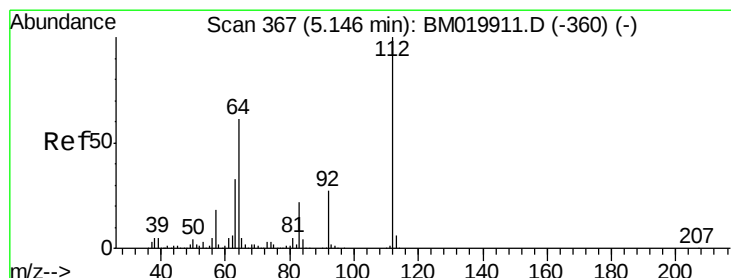
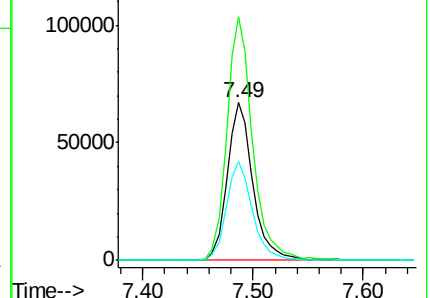
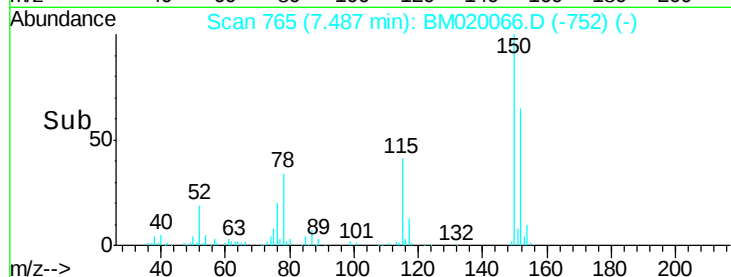
115 62.8 50.0 75.0



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: 121.775 ng

RT: 5.10 min Scan# 359

Delta R.T. -0.03 min

Lab File: BM020066.D

Acq: 24 Apr 2019 16:03

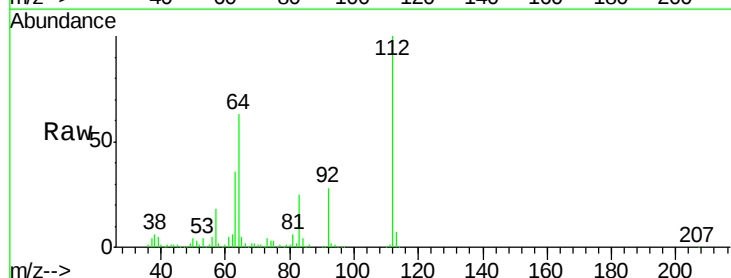
Tgt Ion:112 Resp: 816883

Ion Ratio Lower Upper

112 100

64 63.3 49.1 73.7

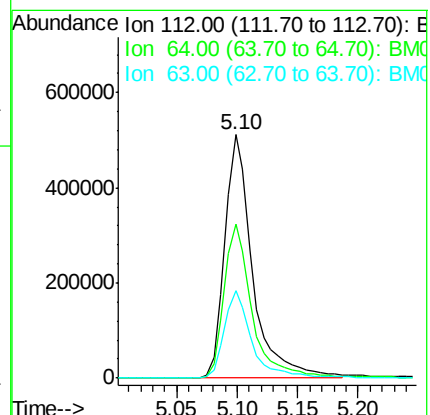
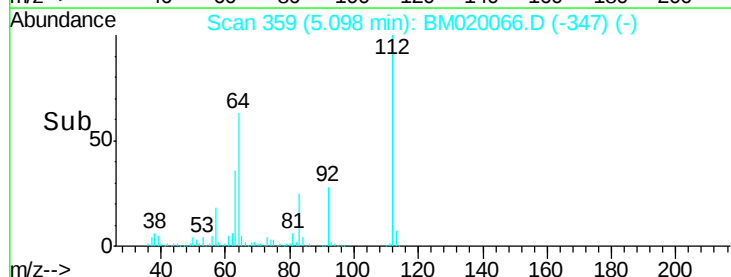
63 36.1 26.5 39.7

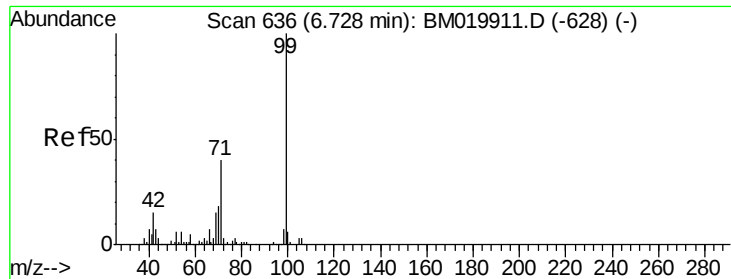


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 105.221 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.03 min

Lab File: BM020066.D

Acq: 24 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

PB119063BL

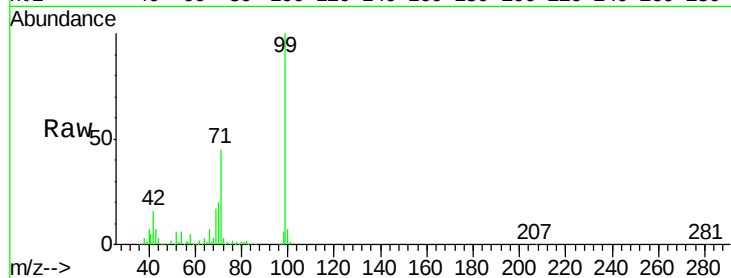
Tgt Ion: 99 Resp: 1062267

Ion Ratio Lower Upper

99 100

42 15.8 11.8 17.8

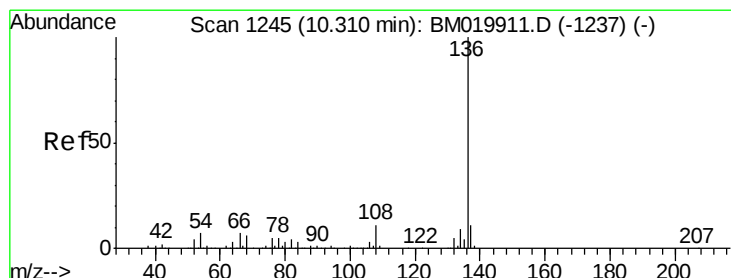
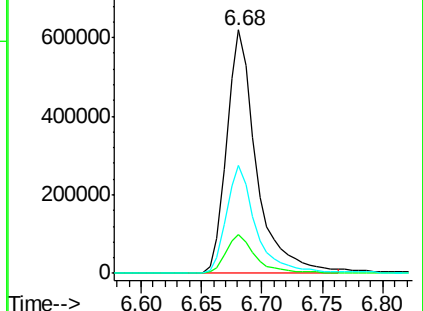
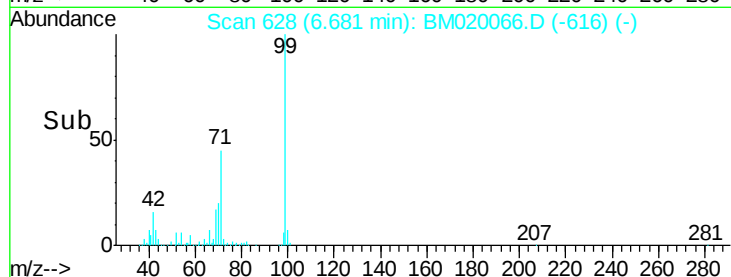
71 44.5 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM020066.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM020066.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM020066.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BM020066.D

Acq: 24 Apr 2019 16:03

Tgt Ion: 136 Resp: 339777

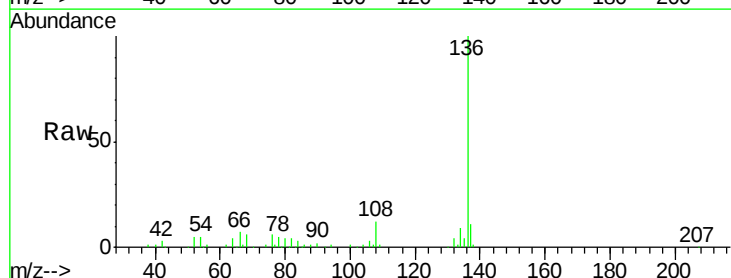
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 5.4 5.3 7.9

68 5.7 5.2 7.8

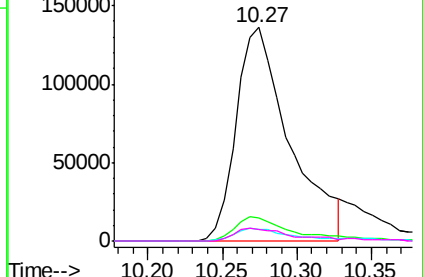
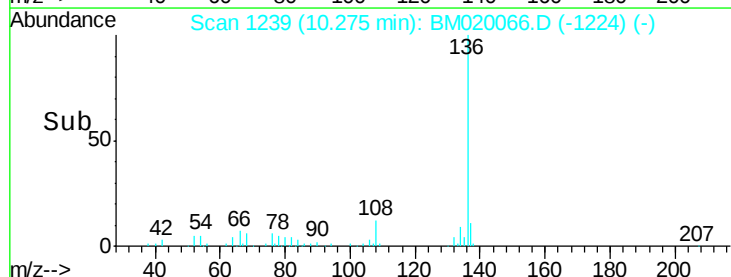


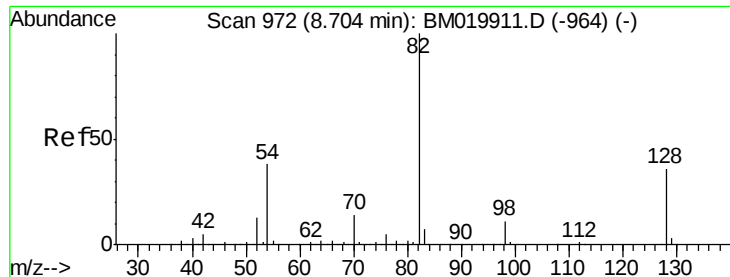
Abundance Ion 136.00 (135.70 to 136.70): BM020066.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM020066.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM020066.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM020066.D (-1224) (-)

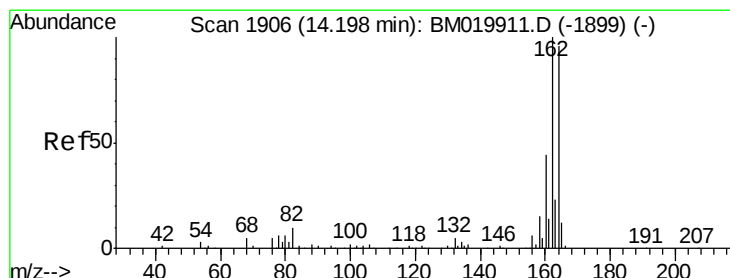
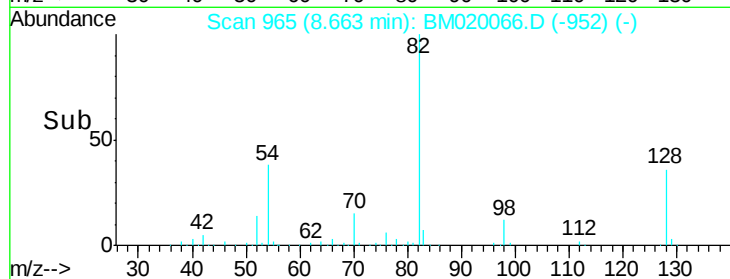
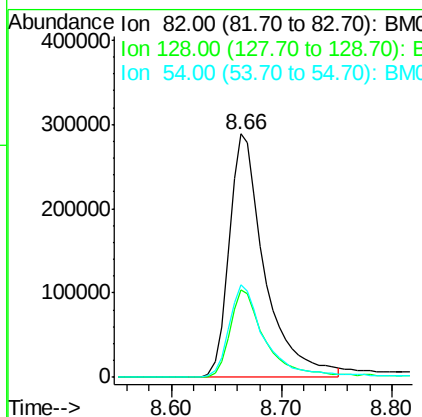
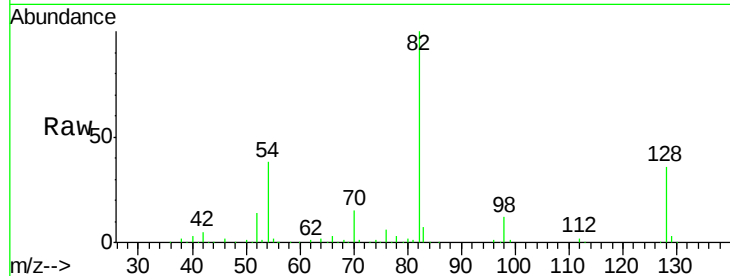




#23
 Nitrobenzene-d5
 Concen: 85.856 ng
 RT: 8.66 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM020066.D
 Acq: 24 Apr 2019 16:03

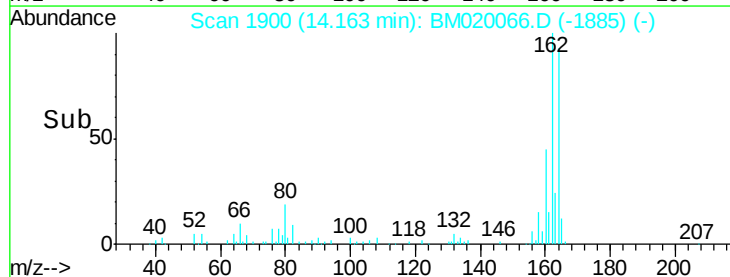
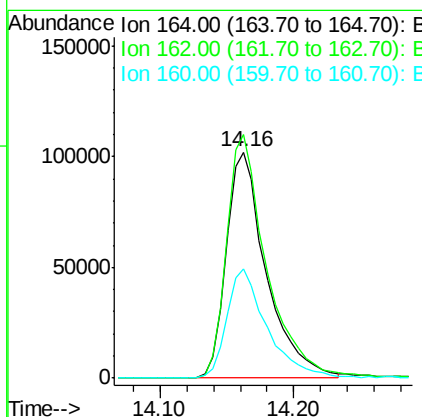
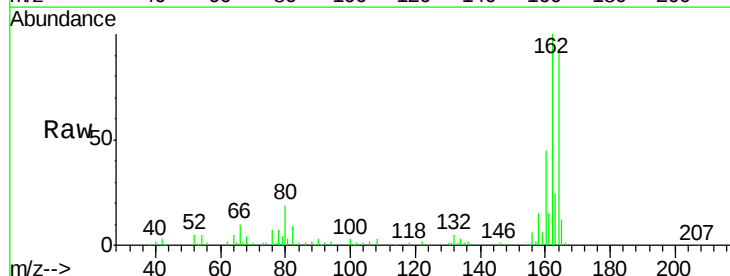
Instrument :
 BNA_M
 ClientSampleId :
 PB119063BL

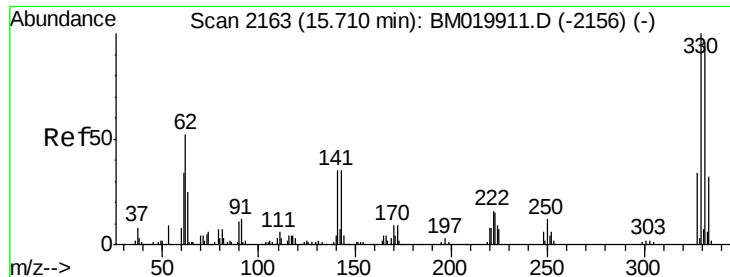
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.0	43.4
54	37.9	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.16 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BM020066.D
 Acq: 24 Apr 2019 16:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	83.0	124.4
160	48.2	36.6	55.0

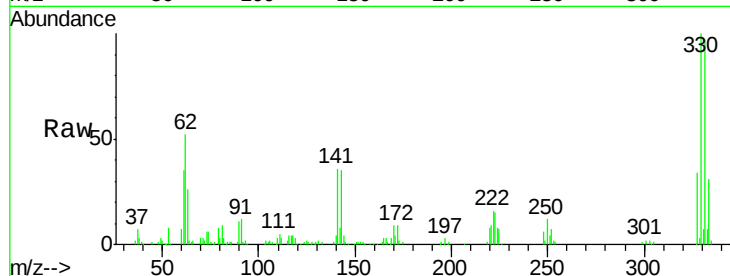




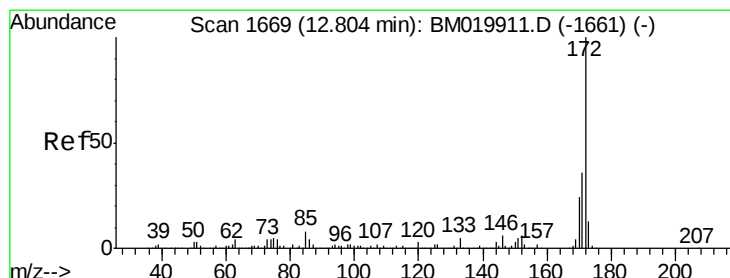
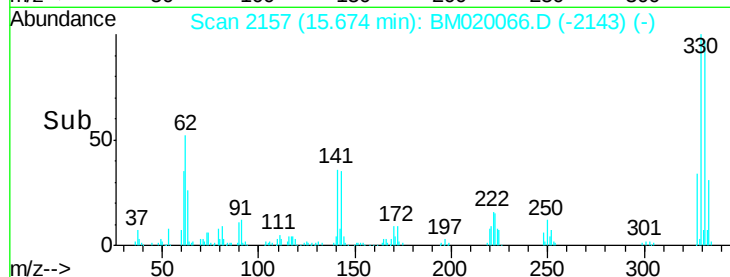
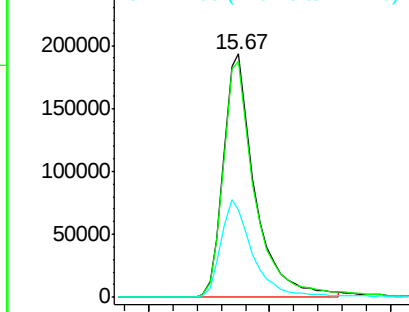
#42
 2,4,6-Tribromophenol
 Concen: 101.951 ng
 RT: 15.67 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BM020066.D
 Acq: 24 Apr 2019 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BL

Tgt Ion:330 Resp: 350619
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 40.3 29.0 43.4

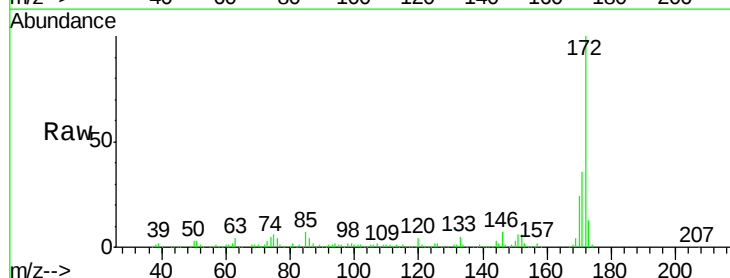


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

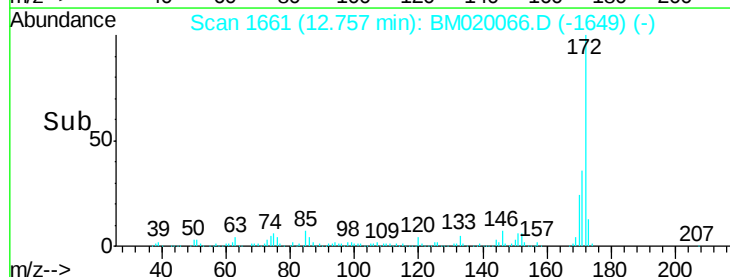
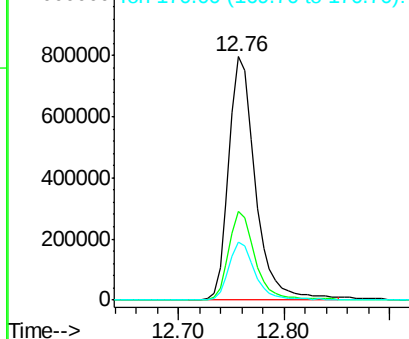


#45
 2-Fluorobiphenyl
 Concen: 81.284 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.03 min
 Lab File: BM020066.D
 Acq: 24 Apr 2019 16:03

Tgt Ion:172 Resp: 1393474
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 23.9 19.0 28.4



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

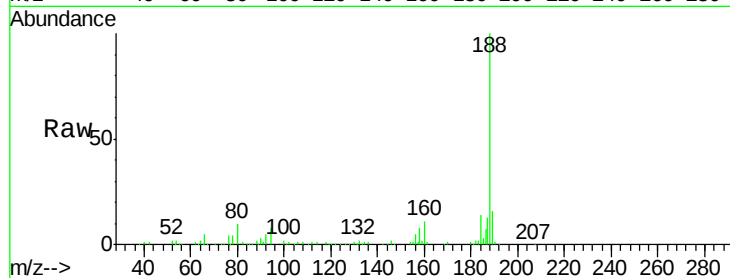




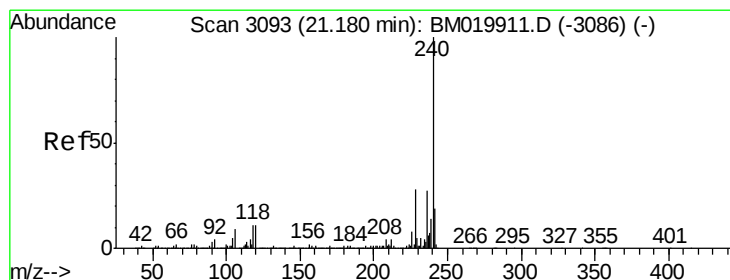
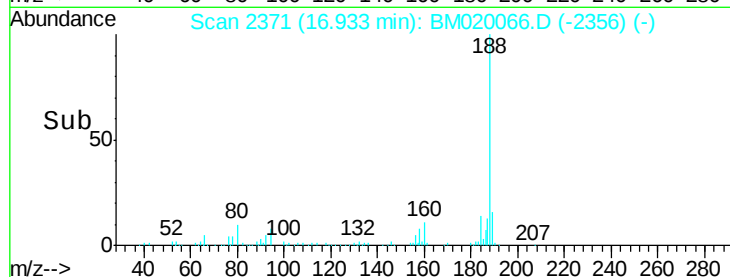
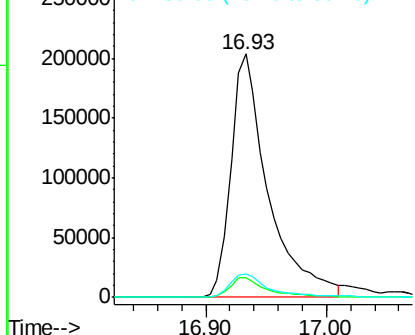
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020066.D
Acq: 24 Apr 2019 16:03

Instrument :
BNA_M
ClientSampleId :
PB119063BL

Tgt Ion:188 Resp: 437941
Ion Ratio Lower Upper
188 100
94 8.0 7.6 11.4
80 9.6 9.4 14.0

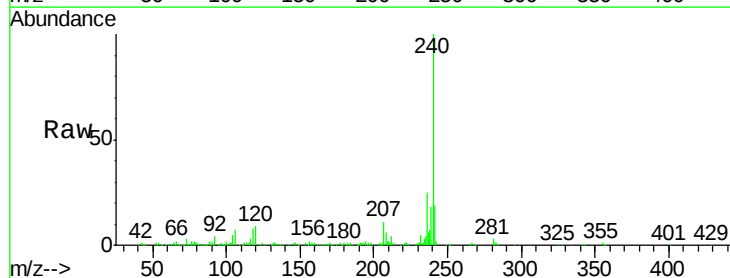


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

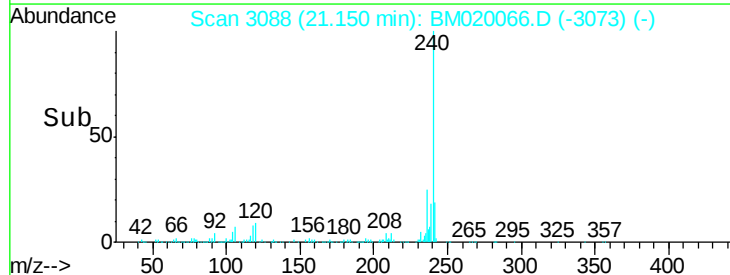
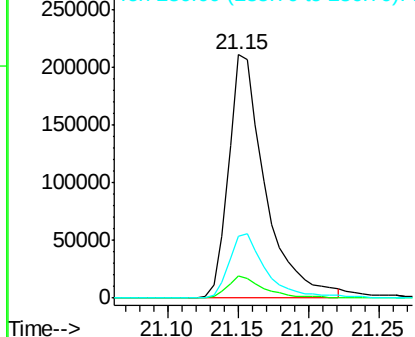


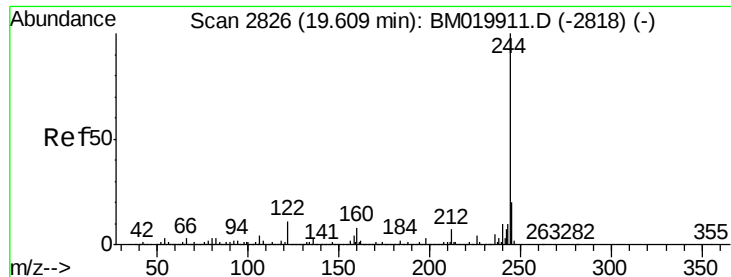
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM020066.D
Acq: 24 Apr 2019 16:03

Tgt Ion:240 Resp: 382256
Ion Ratio Lower Upper
240 100
120 8.9 8.6 13.0
236 25.4 21.4 32.2



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: 91.908 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020066.D

Acq: 24 Apr 2019 16:03

Instrument :

BNA_M

ClientSampleId :

PB119063BL

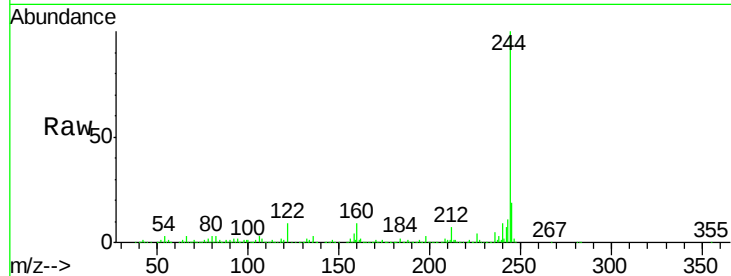
Tgt Ion:244 Resp: 1991837

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

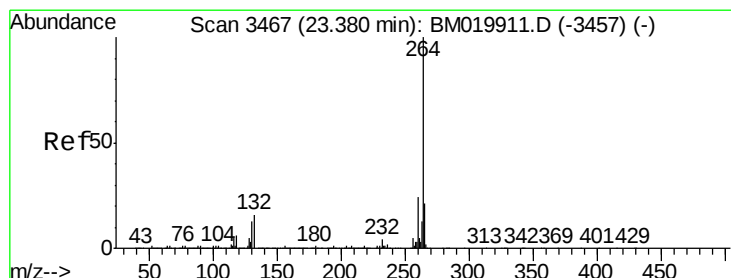
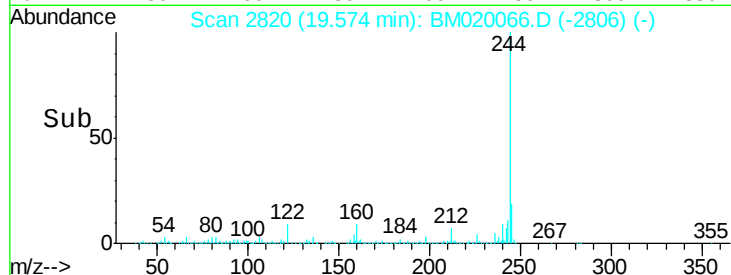
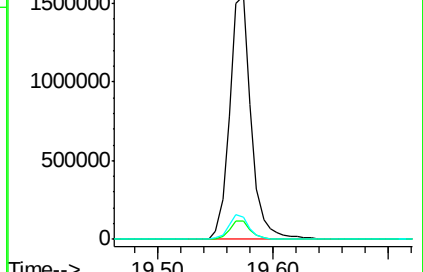
122 8.9 9.1 13.7#



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: 23.33 min Scan# 3459

Delta R.T. -0.02 min

Lab File: BM020066.D

Acq: 24 Apr 2019 16:03

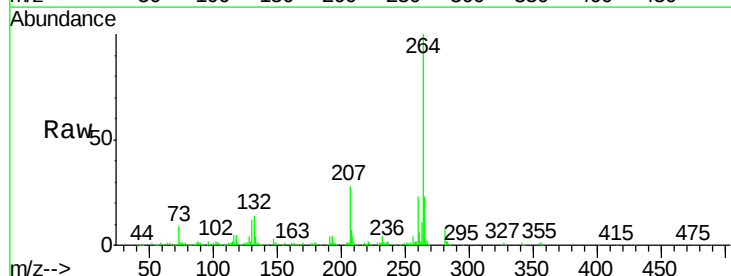
Tgt Ion:264 Resp: 417706

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.9 17.2 25.8



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

