

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
 Data File : BM019073.D
 Acq On : 08 Mar 2019 14:54
 Operator : JU/SJ
 Sample : K1807-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 08 23:45:34 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

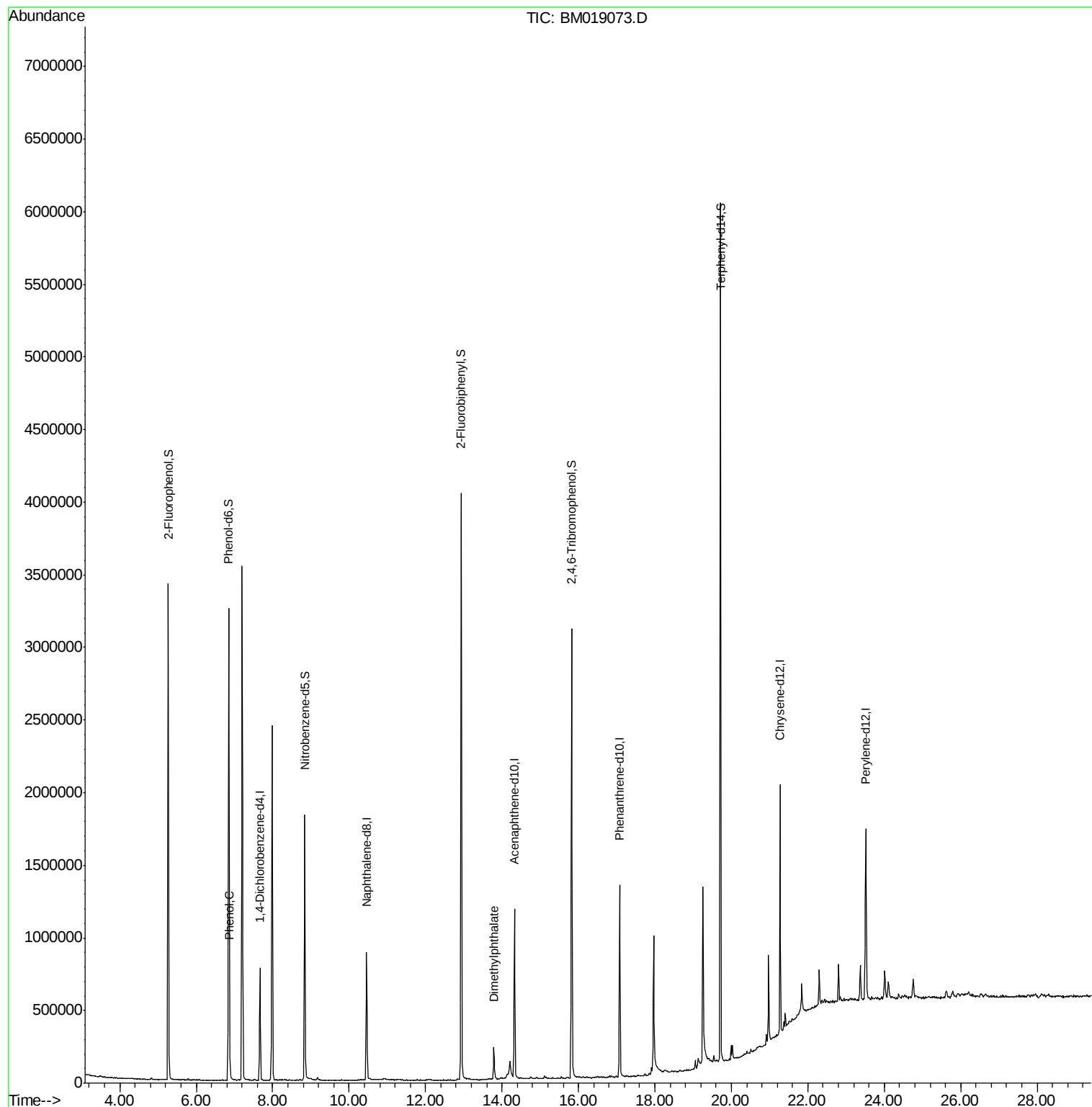
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	200428	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	725835	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	371010	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	772187	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	759522	20.00	ng	-0.01
87) Perylene-d12	23.52	264	842334	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1389507	113.59	ng	0.00
7) Phenol-d6	6.85	99	1899065	110.20	ng	0.00
23) Nitrobenzene-d5	8.84	82	1175144	74.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	597894	111.80	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	2048643	73.30	ng	-0.02
79) Terphenyl-d14	19.72	244	2542863	69.07	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.85	77	5123	Below Cal		Qvalue # 7
10) Phenol	6.87	94	42463	2.342	ng	86
50) Dimethylphthalate	13.79	163	150524	4.868	ng	99

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

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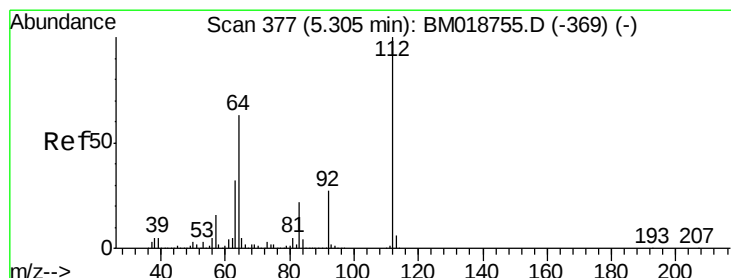
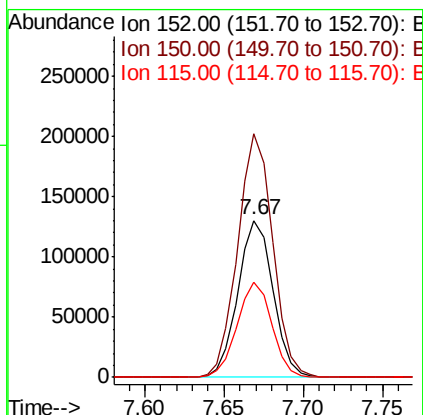
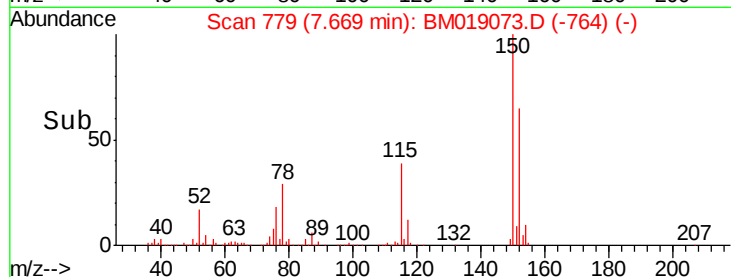
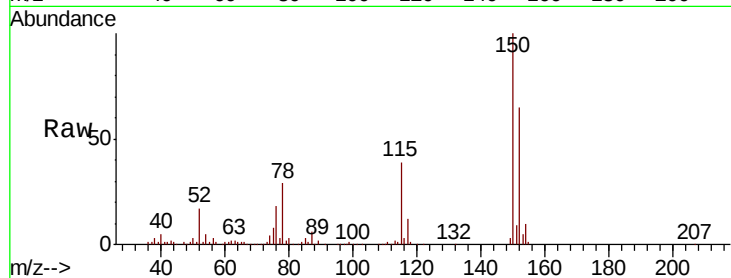


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019073.D
Acq: 08 Mar 2019 14:54

Instrument :
BNA_M
ClientSampleId :

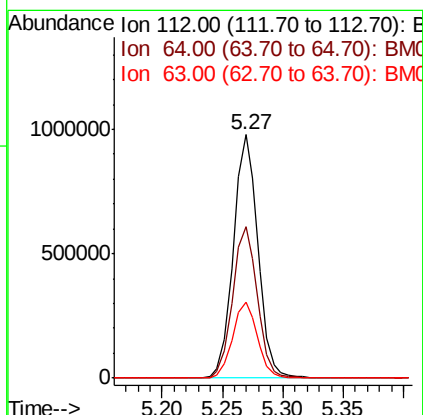
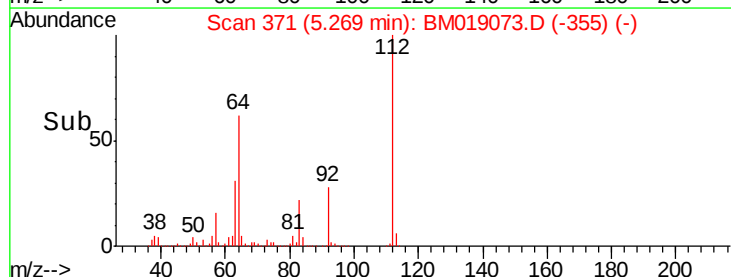
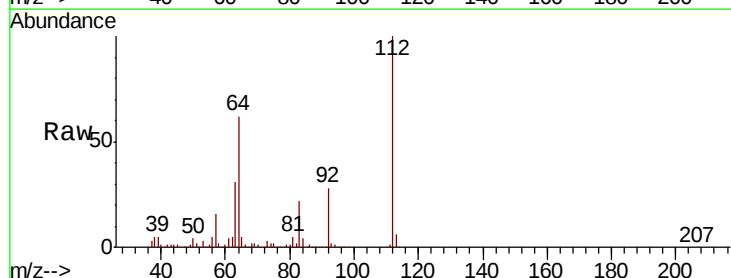
Tot Ion:152 Resp: 200428
Ion Ratio Lower Upper
152 100
150 155.0 127.3 190.9
115 60.8 50.8 76.2

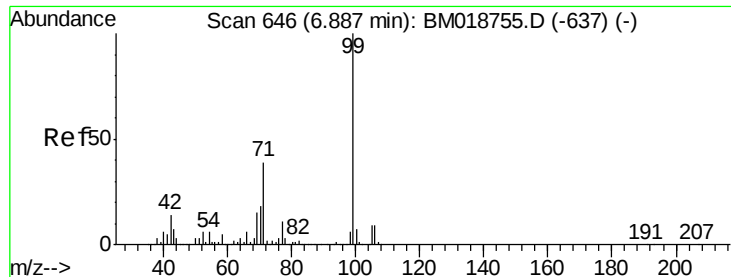


#5

2-Fluorophenol
Concen: 113.590 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019073.D
Acq: 08 Mar 2019 14:54

Tgt Ion:112 Resp: 1389507
Ion Ratio Lower Upper
112 100
64 62.2 50.6 75.8
63 31.3 25.7 38.5





#7

Phenol-d6

Concen: 110.201 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019073.D

Acq: 08 Mar 2019 14:54

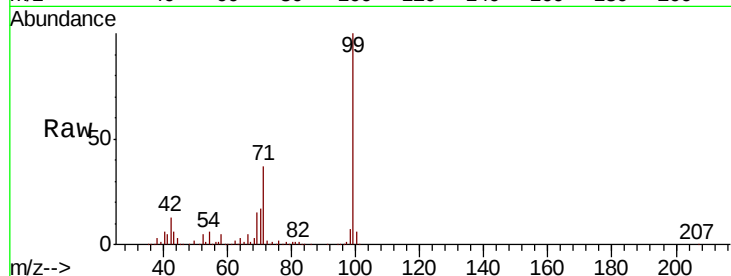
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1899065

Ion	Ratio	Lower	Upper
99	100		
42	13.4	11.0	16.6
71	36.8	31.3	46.9

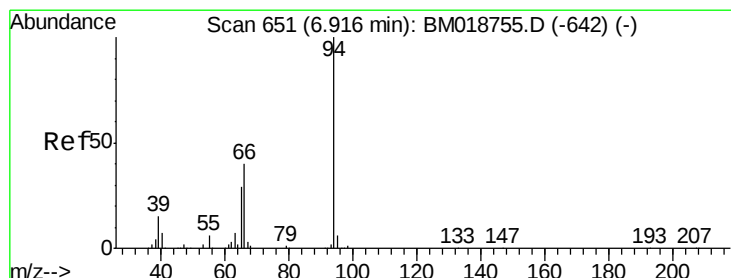
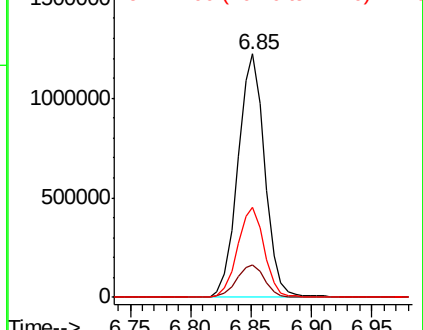
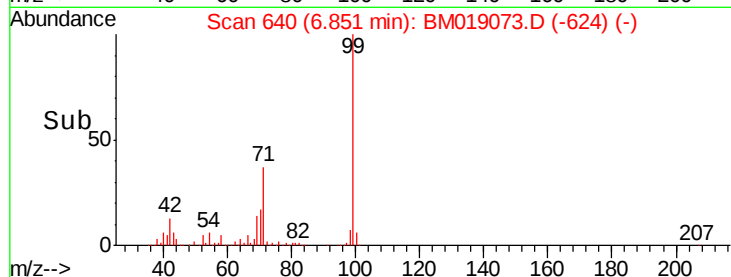


Abundance

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: 2.342 ng

RT: 6.87 min Scan# 644

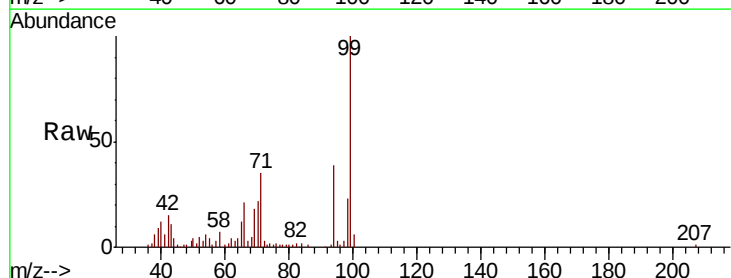
Delta R.T. -0.01 min

Lab File: BM019073.D

Acq: 08 Mar 2019 14:54

Tgt Ion: 94 Resp: 42463

Ion	Ratio	Lower	Upper
94	100		
65	31.9	9.6	49.6
66	53.1	20.4	60.4

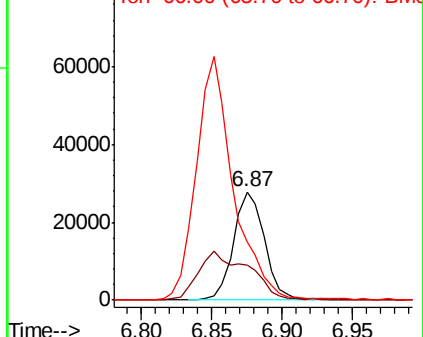
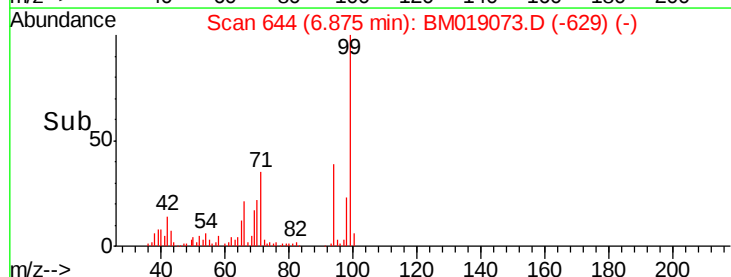


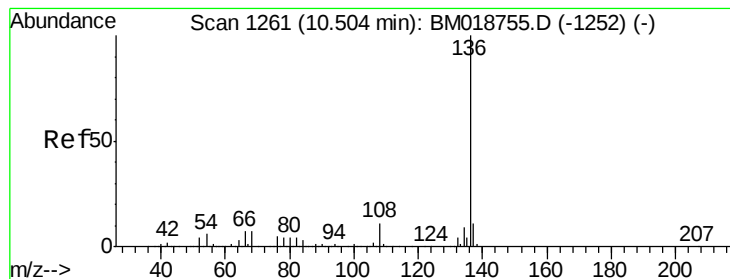
Abundance

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: BM019073.D

Acq: 08 Mar 2019 14:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 725835

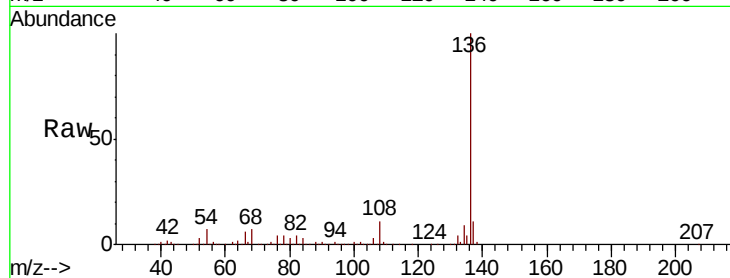
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.6 5.0 7.6

68 7.1 5.5 8.3

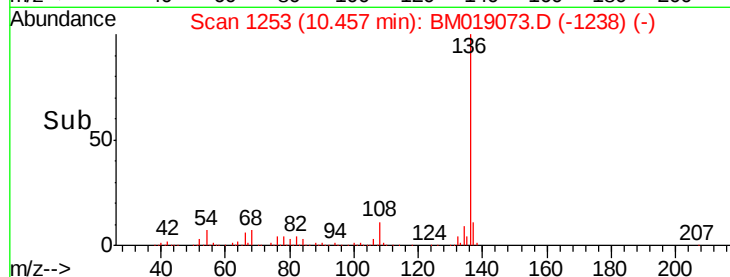


Abundance Ion 136.00 (135.70 to 136.70): E

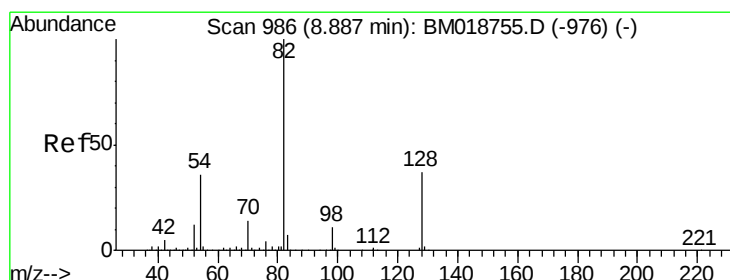
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#23

Nitrobenzene-d5

Concen: 74.861 ng

RT: 8.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM019073.D

Acq: 08 Mar 2019 14:54

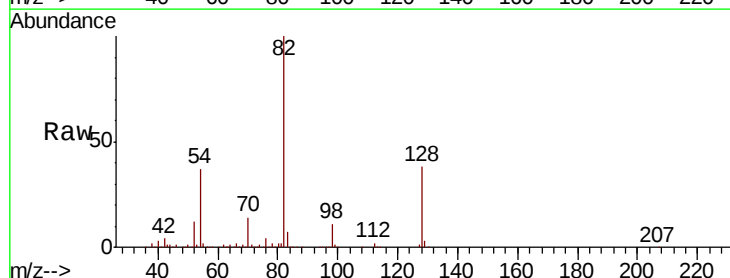
Tgt Ion: 82 Resp: 1175144

Ion Ratio Lower Upper

82 100

128 37.7 29.9 44.9

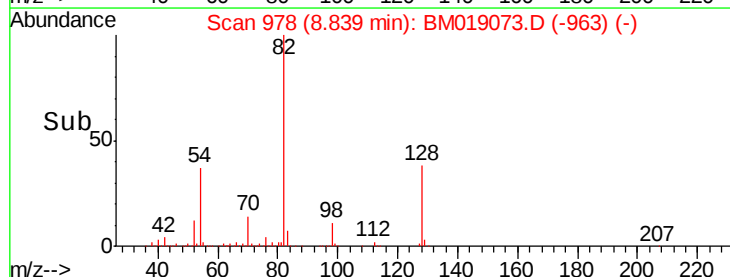
54 36.6 29.1 43.7



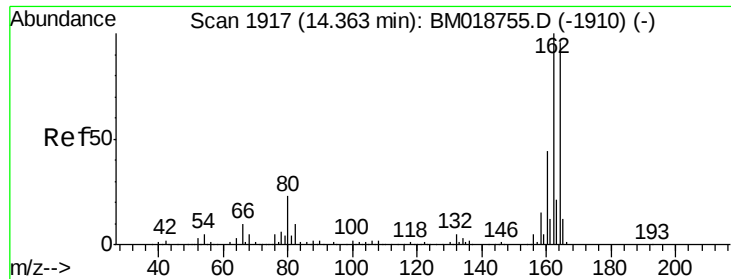
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM019073.D

Acq: 08 Mar 2019 14:54

Instrument :

BNA_M

ClientSampleId :

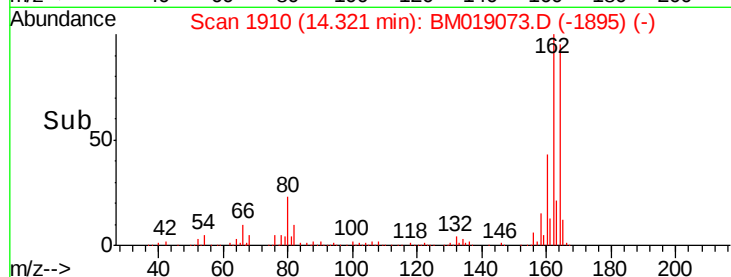
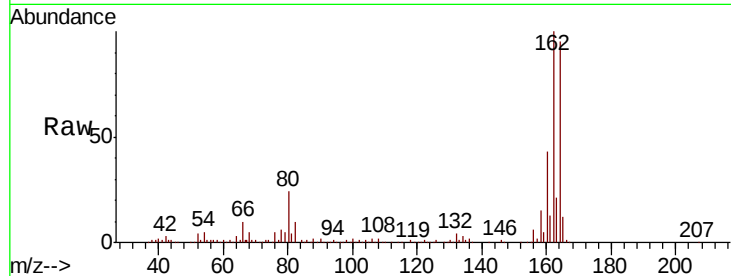
Tot Ion:164 Resp: 371010

Ion Ratio Lower Upper

164 100

162 105.3 83.4 125.0

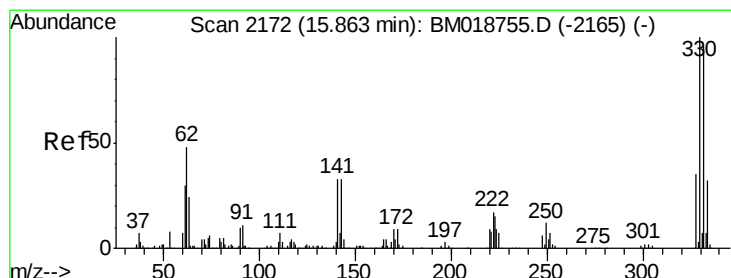
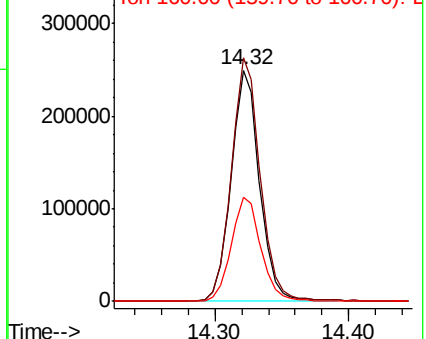
160 45.2 36.6 55.0



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: 111.798 ng

RT: 15.82 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM019073.D

Acq: 08 Mar 2019 14:54

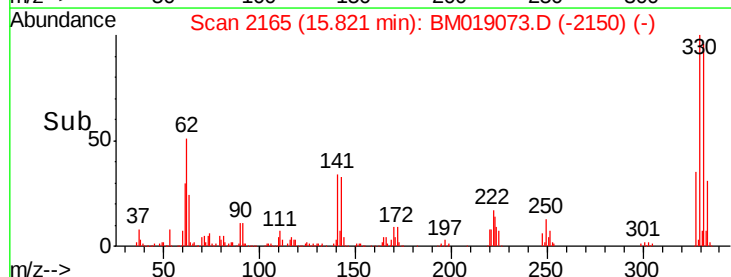
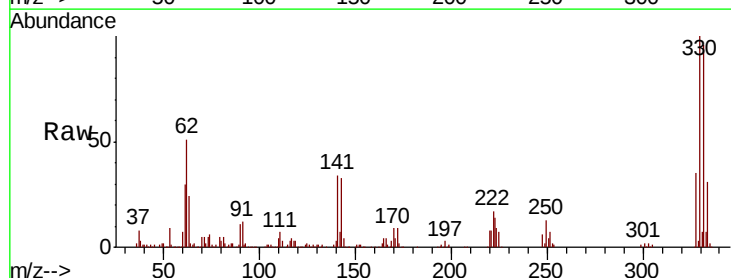
Tgt Ion:330 Resp: 597894

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

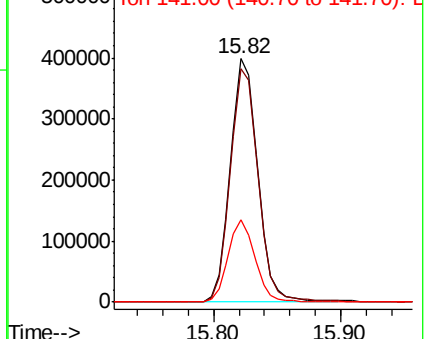
141 33.4 28.7 43.1



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

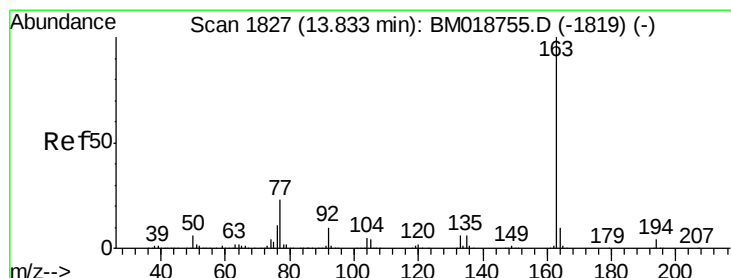
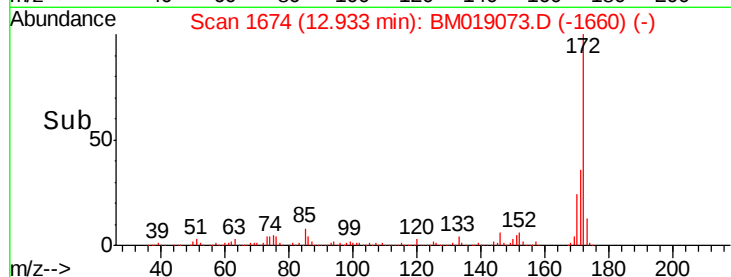
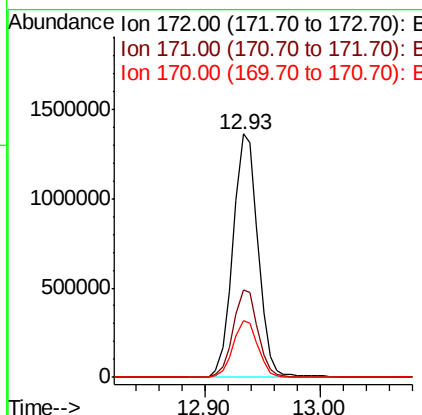
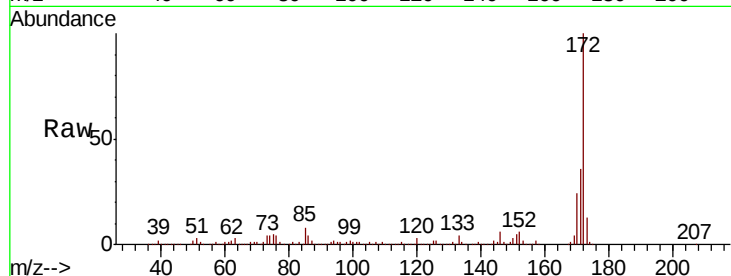




#45
2-Fluorobiphenyl
Concen: 73.301 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BM019073.D
Acq: 08 Mar 2019 14:54

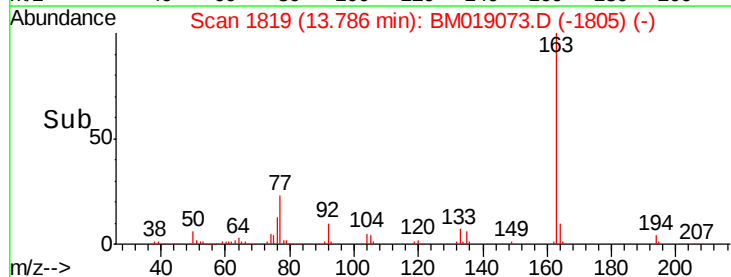
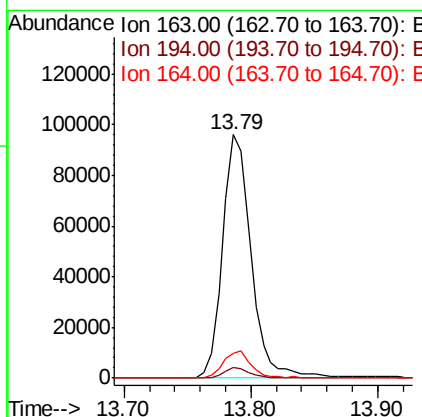
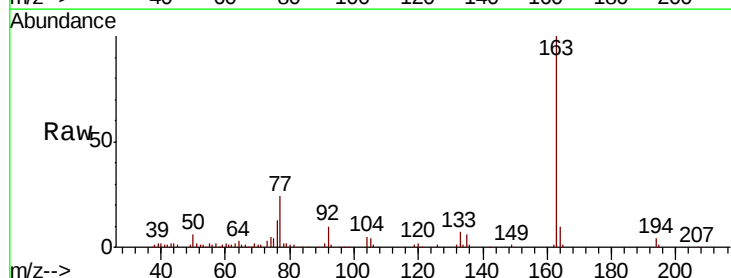
Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 2048643
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.5 18.6 28.0



#50
Dimethylphthalate
Concen: 4.868 ng
RT: 13.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BM019073.D
Acq: 08 Mar 2019 14:54

Tgt Ion:163 Resp: 150524
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.2 7.8 11.8

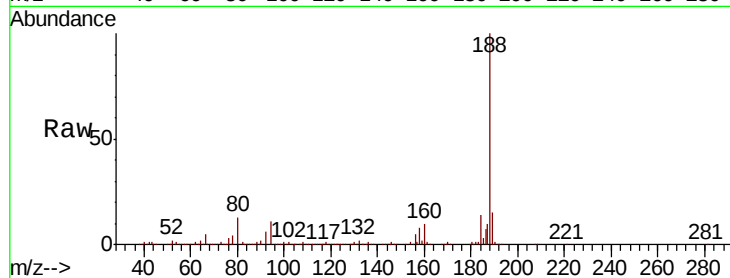




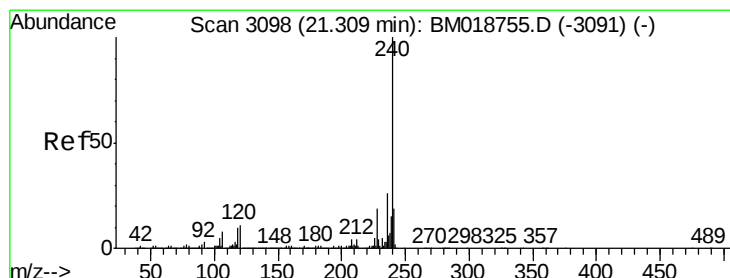
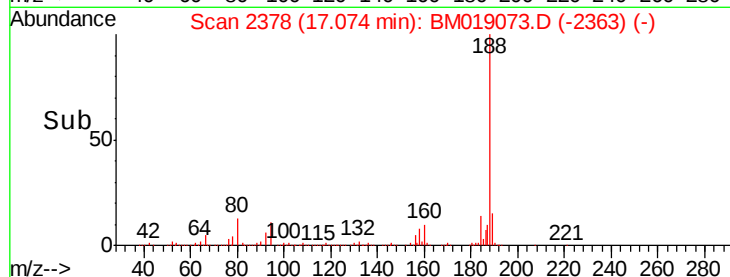
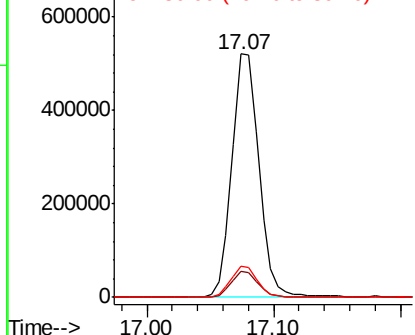
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM019073.D
Acq: 08 Mar 2019 14:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 772187
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 12.9 9.7 14.5

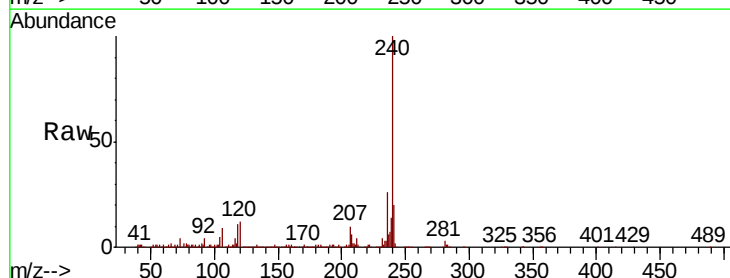


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

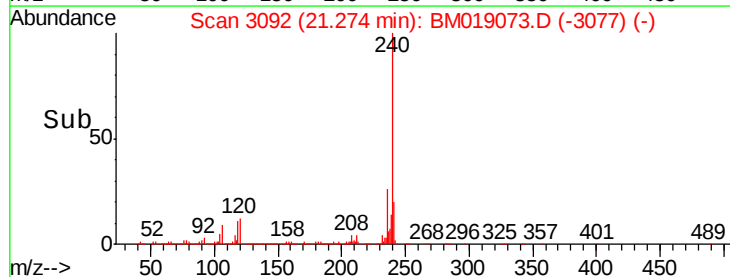
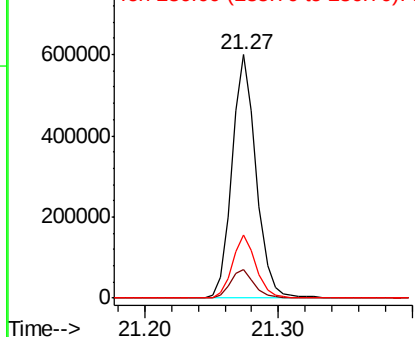


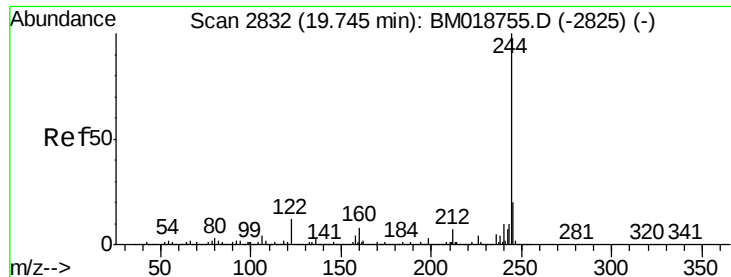
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019073.D
Acq: 08 Mar 2019 14:54

Tgt Ion:240 Resp: 759522
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.7 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





#79

Terphenyl-d14

Concen: 69.065 ng

RT: 19.72 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM019073.D

Acq: 08 Mar 2019 14:54

Instrument :

BNA_M

ClientSampleId :

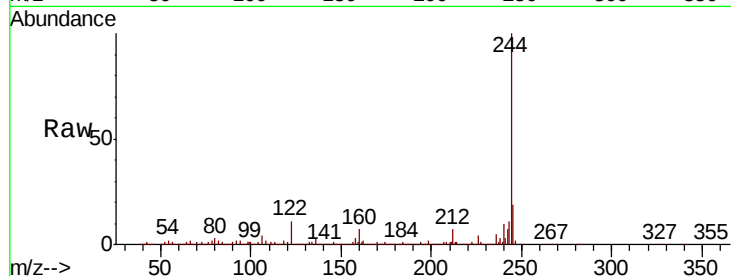
Tot Ion:244 Resp: 2542863

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.8 9.3 13.9

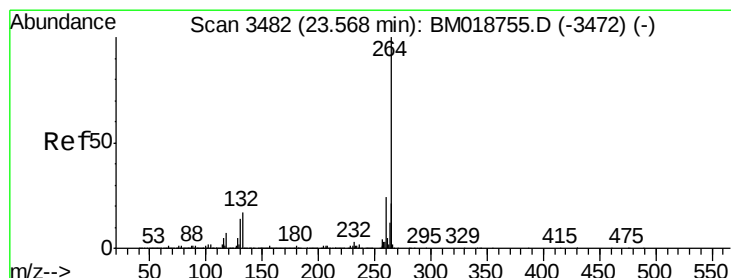
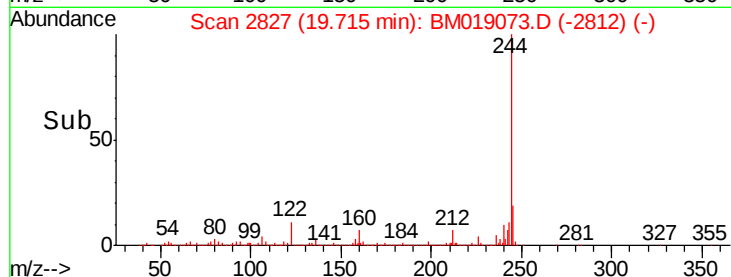
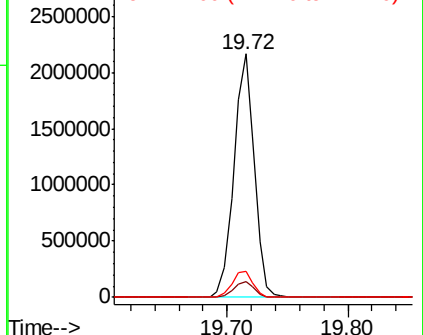


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3473

Delta R.T. -0.02 min

Lab File: BM019073.D

Acq: 08 Mar 2019 14:54

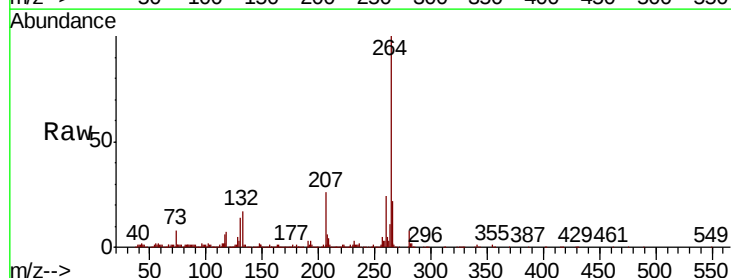
Tgt Ion:264 Resp: 842334

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 21.7 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

