

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030819\
 Data File : BM019079.D
 Acq On : 08 Mar 2019 18:29
 Operator : JU/SJ
 Sample : K1807-31
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 08 23:46:48 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

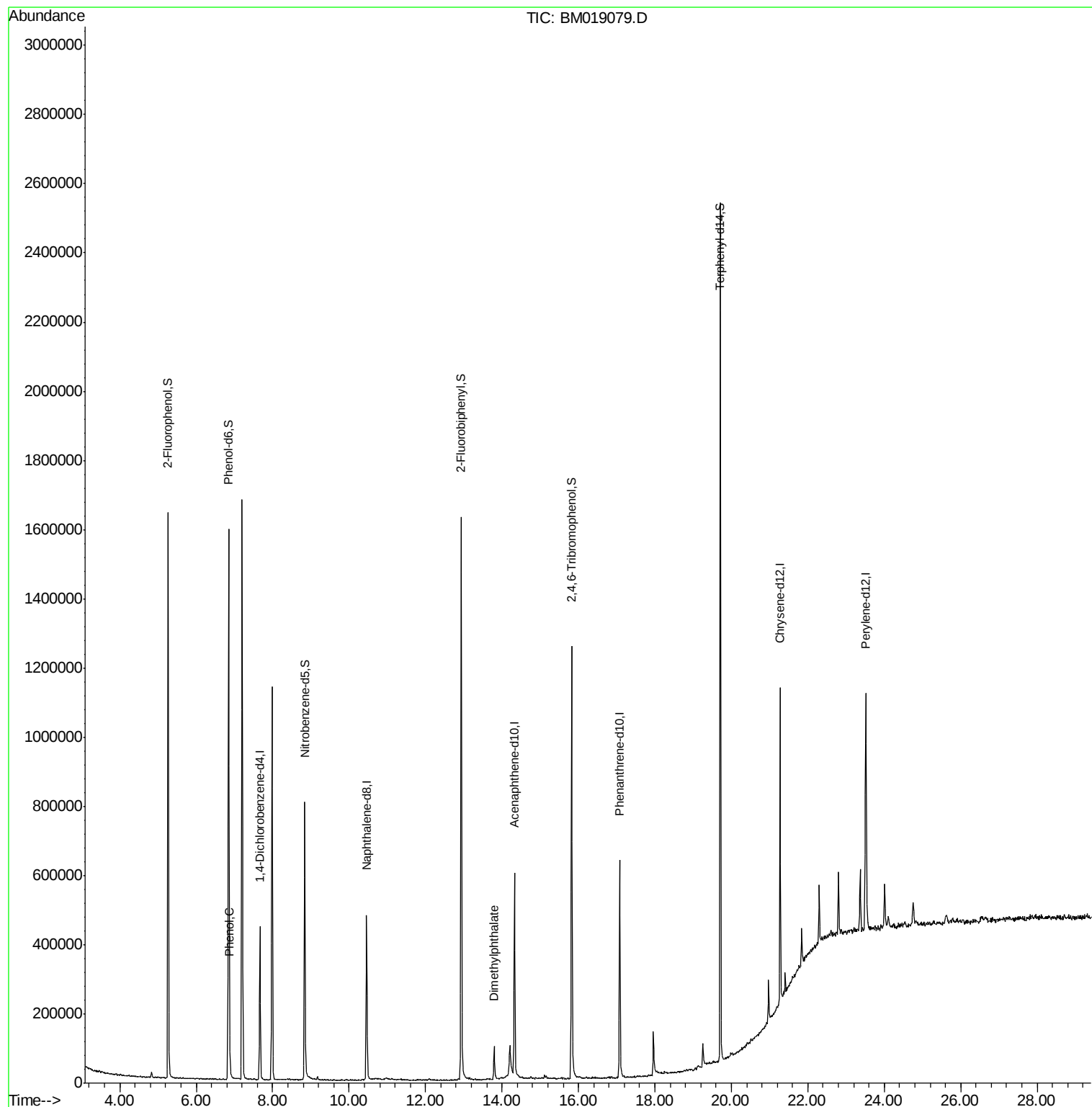
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	112967	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	403359	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	199603	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	399335	20.00	ng	0.00
76) Chrysene-d12	21.27	240	423812	20.00	ng	-0.01
87) Perylene-d12	23.51	264	521222	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	688900	99.92	ng	-0.01
7) Phenol-d6	6.85	99	924921	95.23	ng	-0.01
23) Nitrobenzene-d5	8.84	82	565057	64.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	254106	88.32	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	860720	57.24	ng	-0.02
79) Terphenyl-d14	19.71	244	1106050	53.84	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.84	77	2312	Below Cal		Qvalue # 7
10) Phenol	6.87	94	20782	2.033	ng	88
50) Dimethylphthalate	13.79	163	74326	4.468	ng	99

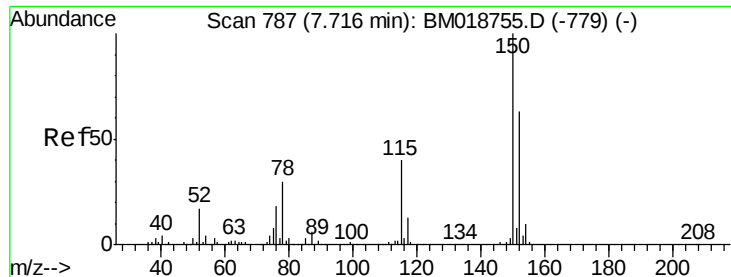
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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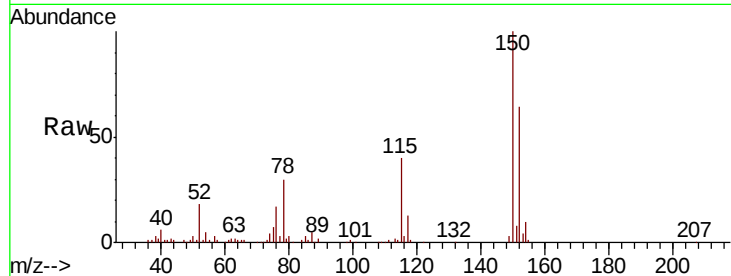


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.3	190.9
115	63.2	50.8	76.2

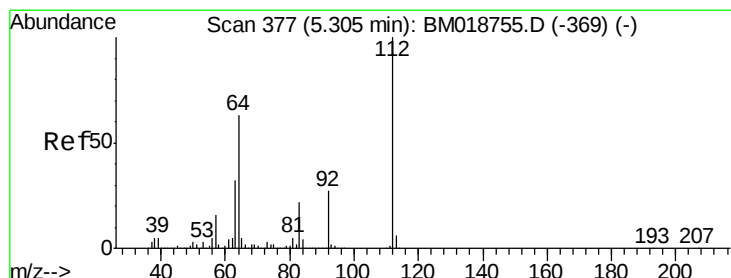
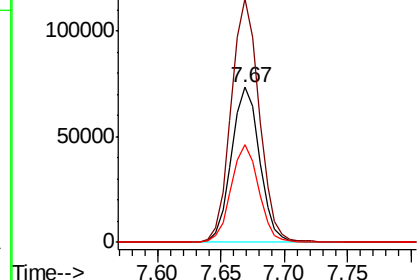
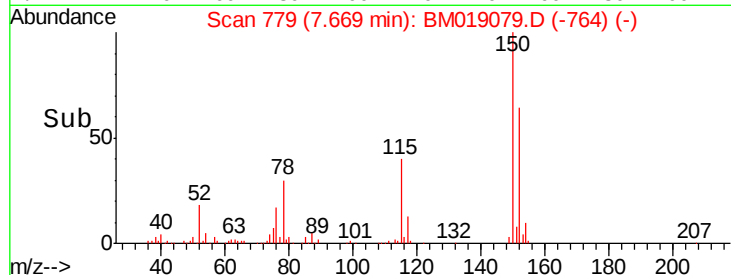


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

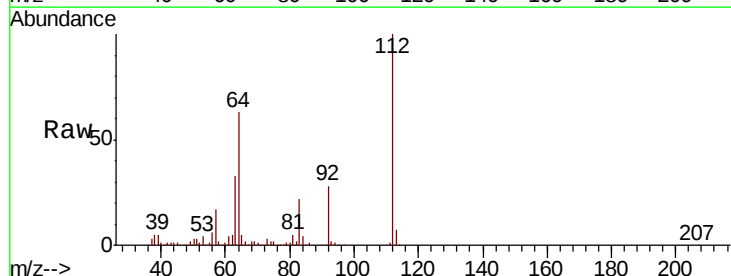
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.918 ng
RT: 5.26 min Scan# 370
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.6	75.8
63	33.1	25.7	38.5

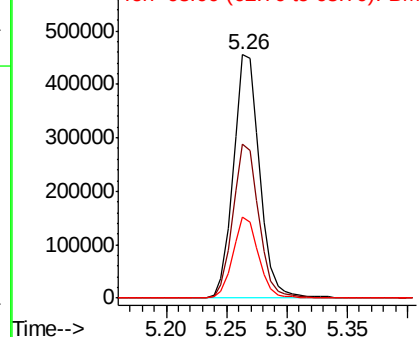
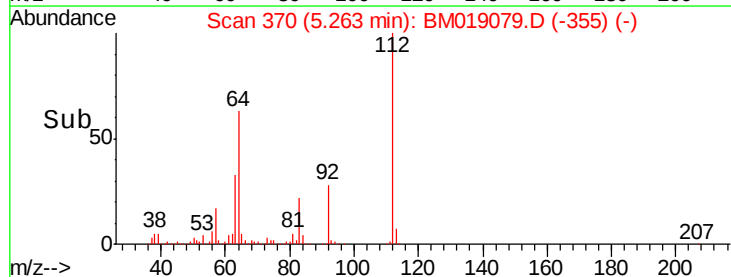


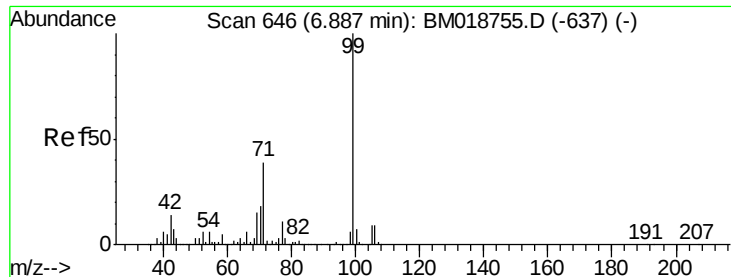
Abundance

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: 95.226 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM019079.D

Acq: 08 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

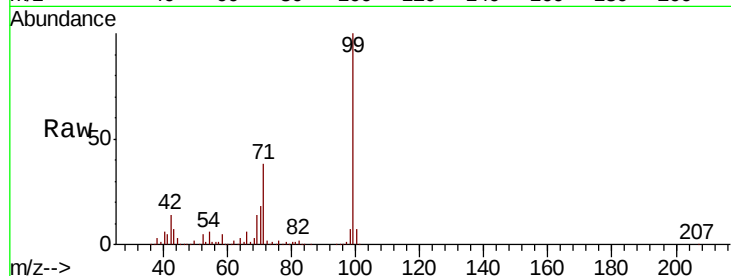
Tot Ion: 99 Resp: 924921

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

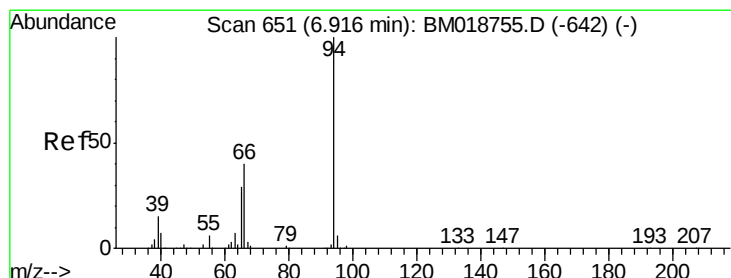
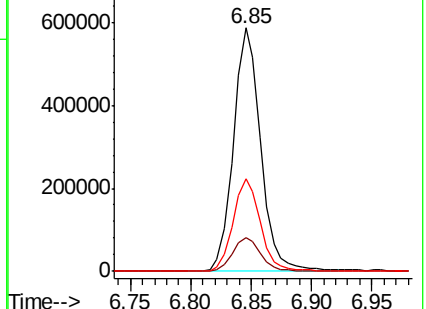
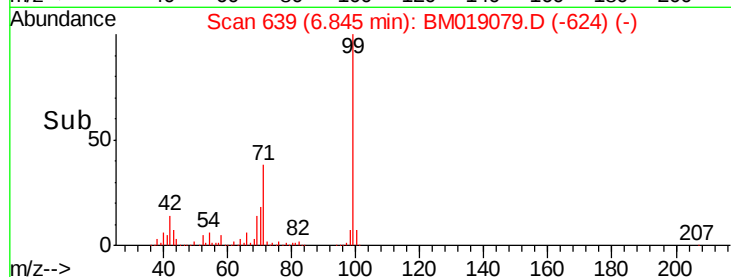
71 37.8 31.3 46.9



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: 2.033 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM019079.D

Acq: 08 Mar 2019 18:29

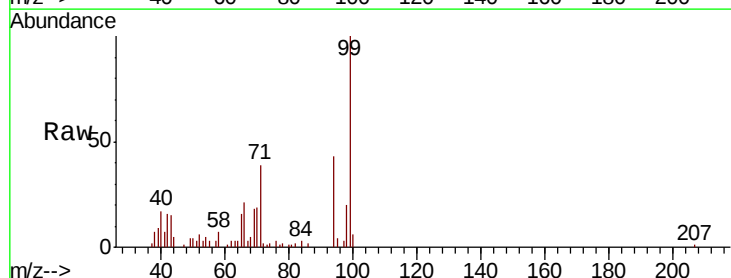
Tgt Ion: 94 Resp: 20782

Ion Ratio Lower Upper

94 100

65 36.0 9.6 49.6

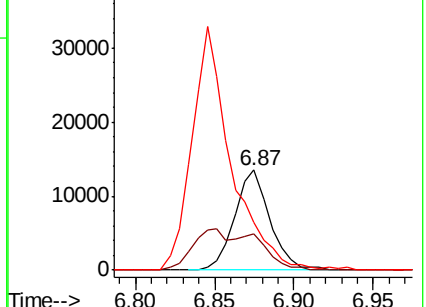
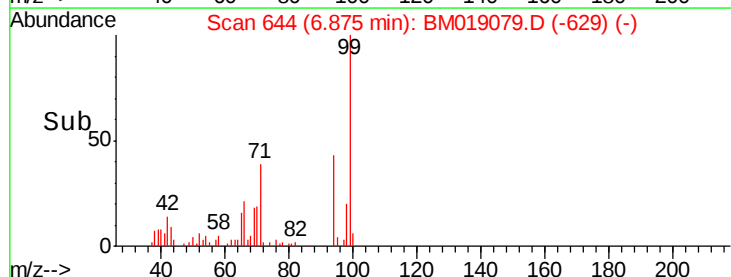
66 48.1 20.4 60.4

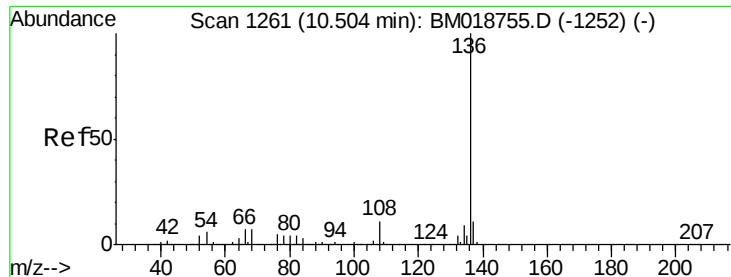


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

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

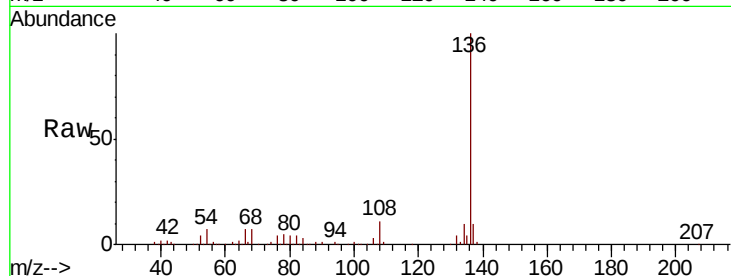




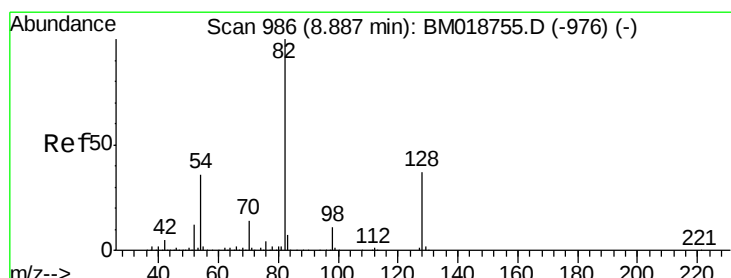
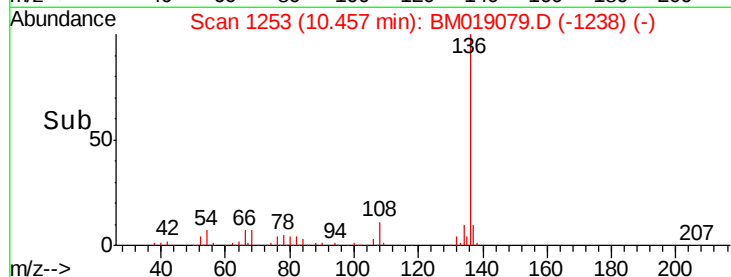
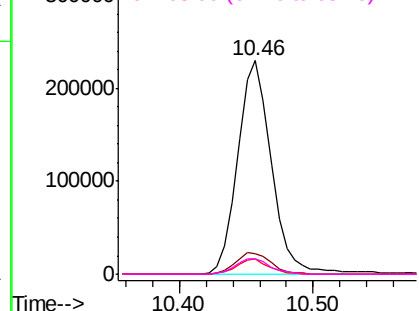
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	403359
Ion	Ratio	Lower Upper
136	100	
137	9.8	8.8 13.2
54	7.0	5.0 7.6
68	7.2	5.5 8.3

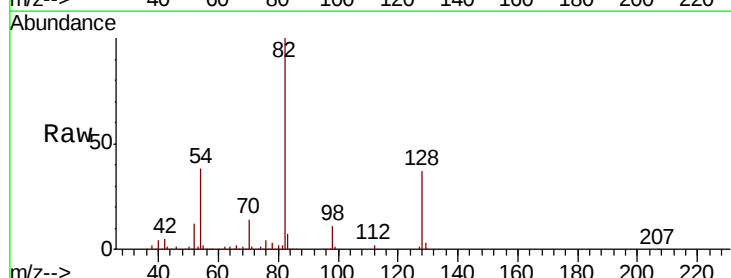


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

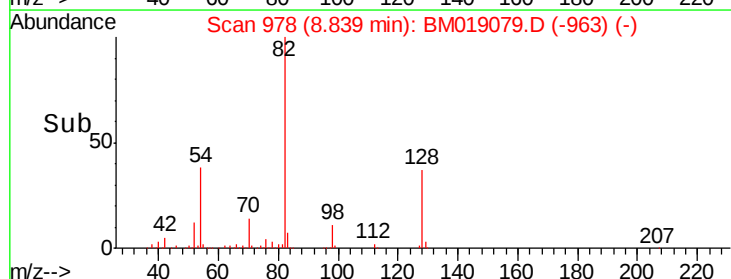
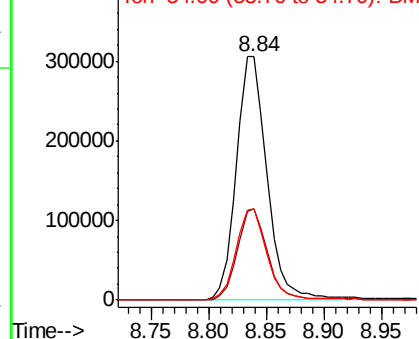


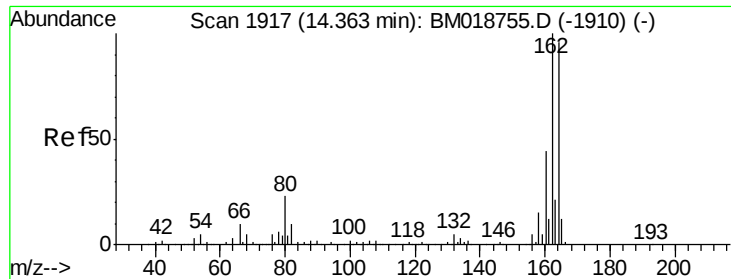
#23
Nitrobenzene-d5
Concen: 64.775 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion: 82	Resp:	565057
Ion	Ratio	Lower Upper
82	100	
128	37.5	29.9 44.9
54	37.7	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

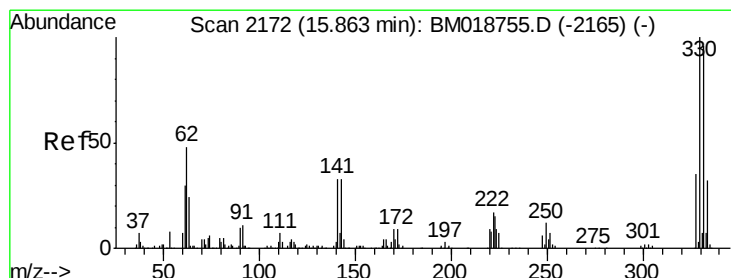
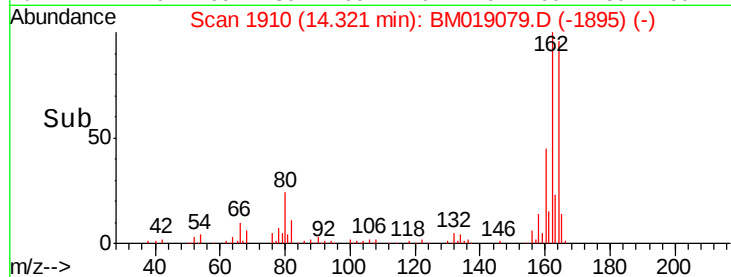
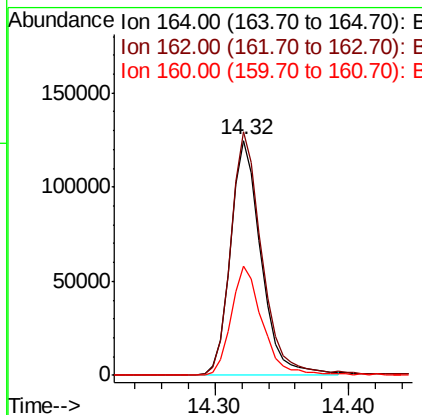
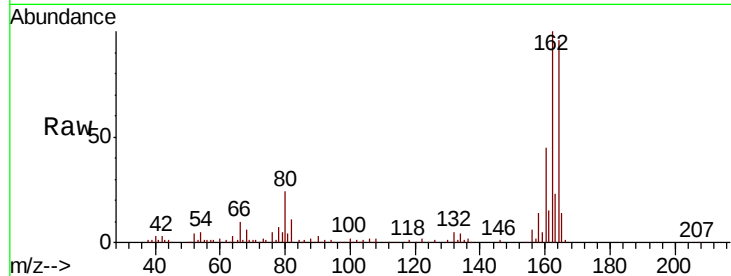




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BM019079.D
 Acq: 08 Mar 2019 18:29

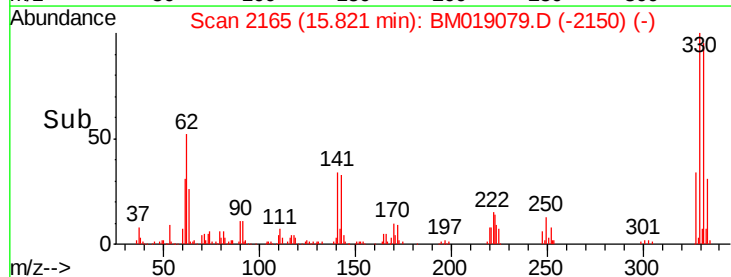
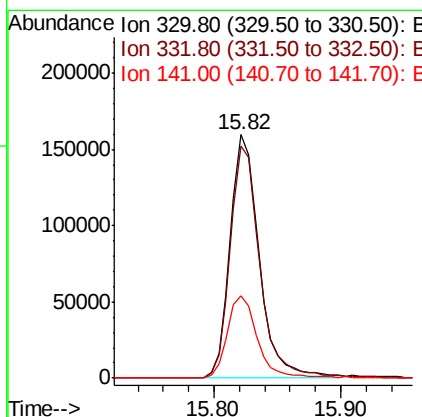
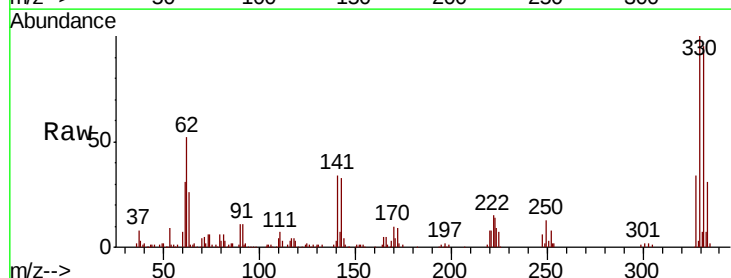
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:164 Resp: 199603
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.4 125.0
 160 46.6 36.6 55.0



#42
 2,4,6-Tribromophenol
 Concen: 88.316 ng
 RT: 15.82 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM019079.D
 Acq: 08 Mar 2019 18:29

Tgt Ion:330 Resp: 254106
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 34.6 28.7 43.1

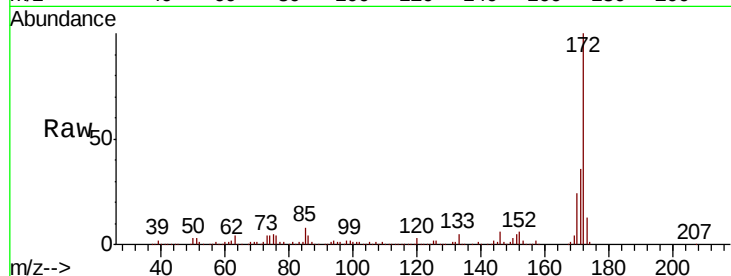




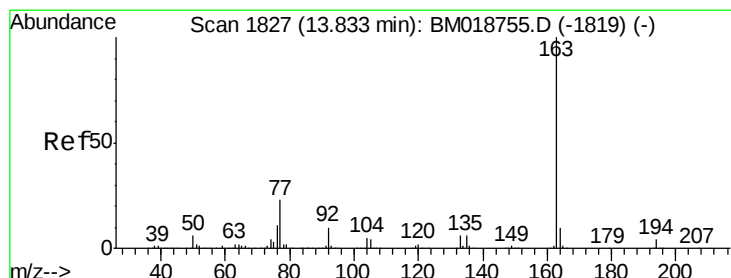
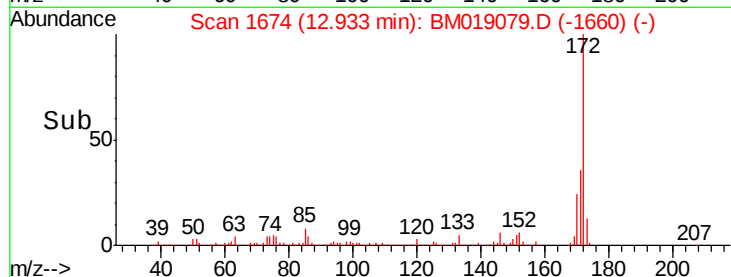
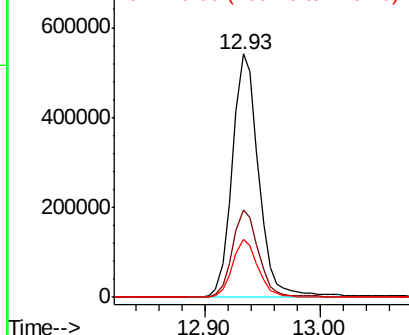
#45
2-Fluorobiphenyl
Concen: 57.243 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.7	18.6	28.0

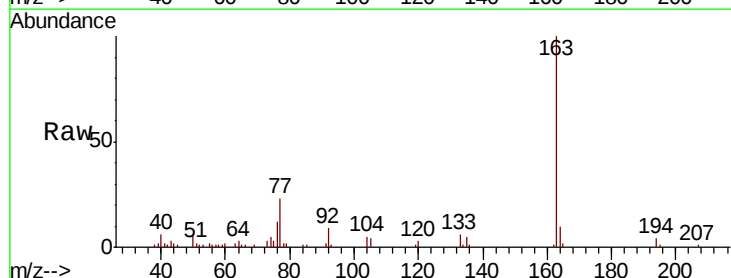


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

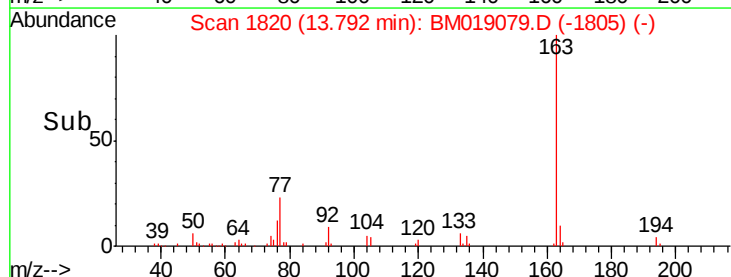
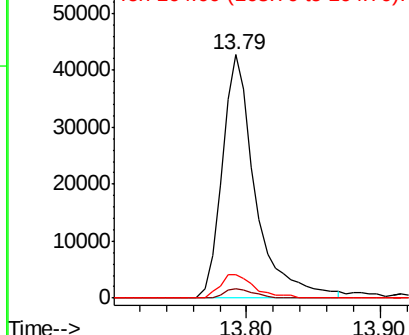


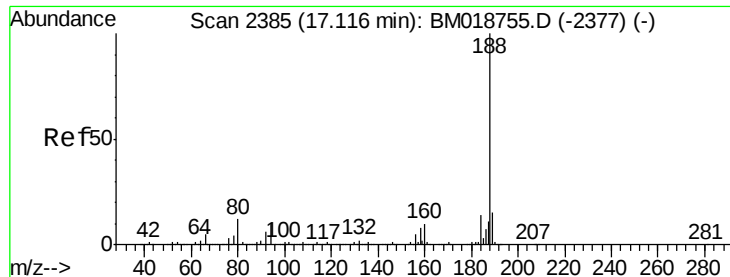
#50
Dimethylphthalate
Concen: 4.468 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.6	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: BM019079.D

Acq: 08 Mar 2019 18:29

Instrument :

BNA_M

ClientSampleId :

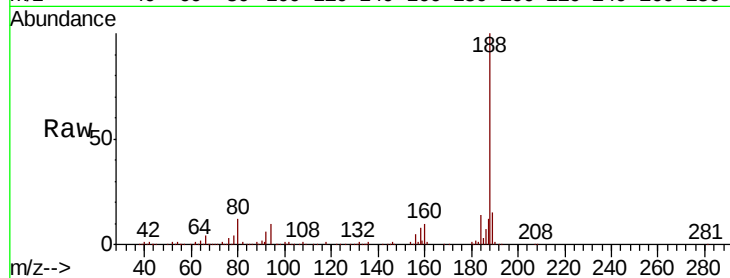
Tot Ion:188 Resp: 399335

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

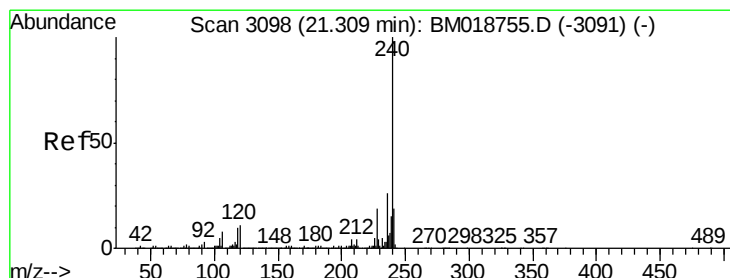
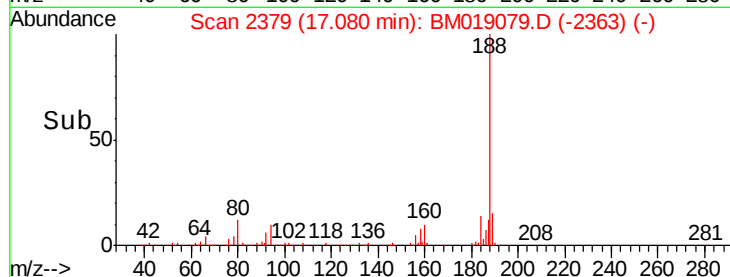
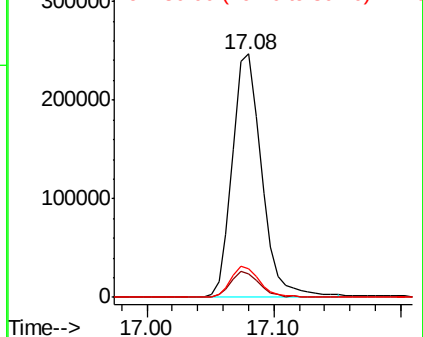
80 12.0 9.7 14.5



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: BM019079.D

Acq: 08 Mar 2019 18:29

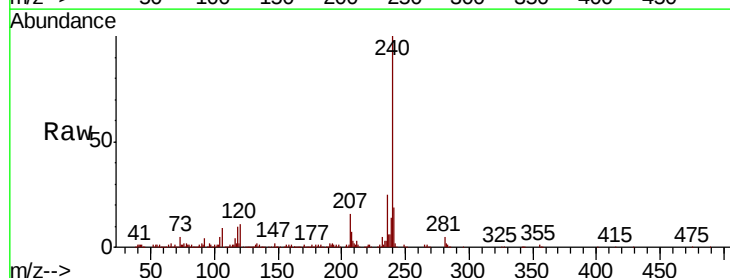
Tgt Ion:240 Resp: 423812

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

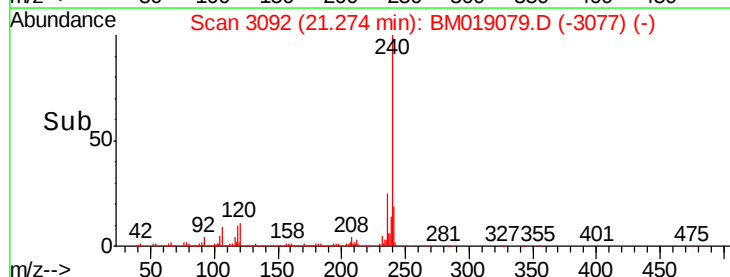
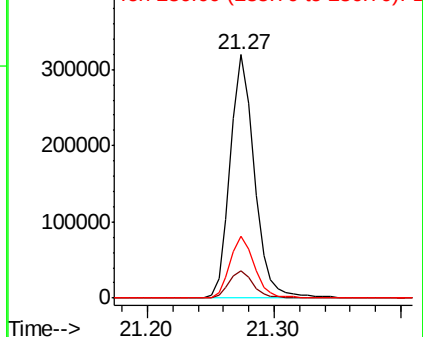
236 25.3 20.9 31.3

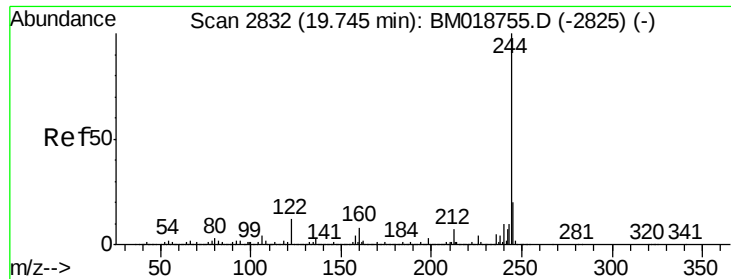


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

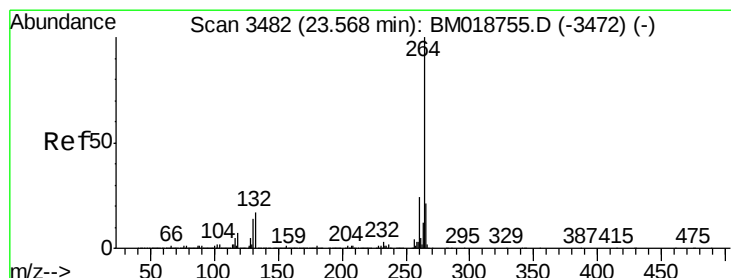
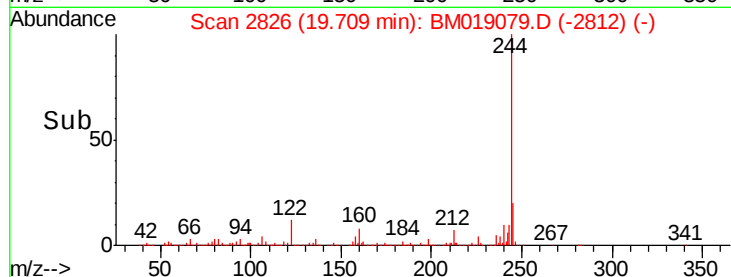
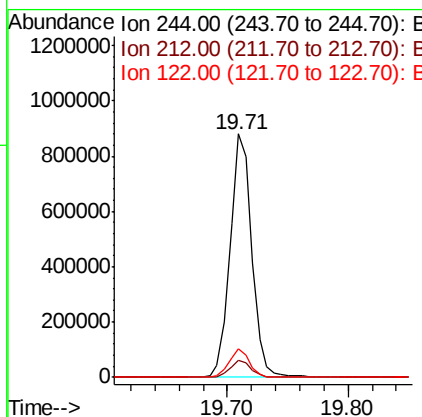
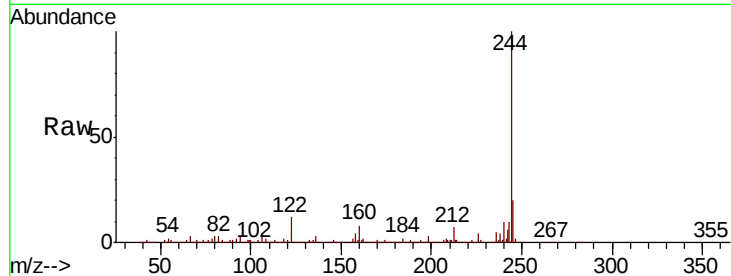




#79
 Terphenyl-d14
 Concen: 53.837 ng
 RT: 19.71 min Scan# 2826
 Delta R.T. -0.02 min
 Lab File: BM019079.D
 Acq: 08 Mar 2019 18:29

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 1106050
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.7 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.51 min Scan# 3473
 Delta R.T. -0.02 min
 Lab File: BM019079.D
 Acq: 08 Mar 2019 18:29

Tgt Ion:264 Resp: 521222
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.9 28.3
 265 22.6 17.3 25.9

