

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019025.D
 Acq On : 05 Mar 2019 01:05
 Operator : JU/SJ
 Sample : K1712-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-3

Quant Time: Mar 05 04:26:55 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	7.68	152	287857	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1141553	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	625241	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1267966	20.00	ng	0.00
76) Chrysene-d12	21.28	240	976701	20.00	ng	0.00
87) Perylene-d12	23.53	264	1017039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2446509	139.25	ng	0.00
7) Phenol-d6	6.86	99	3090872	124.88	ng	0.00
23) Nitrobenzene-d5	8.85	82	2431641	98.49	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1280807	142.11	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4638698	98.49	ng	0.00
79) Terphenyl-d14	19.72	244	5873305	124.05	ng	0.00

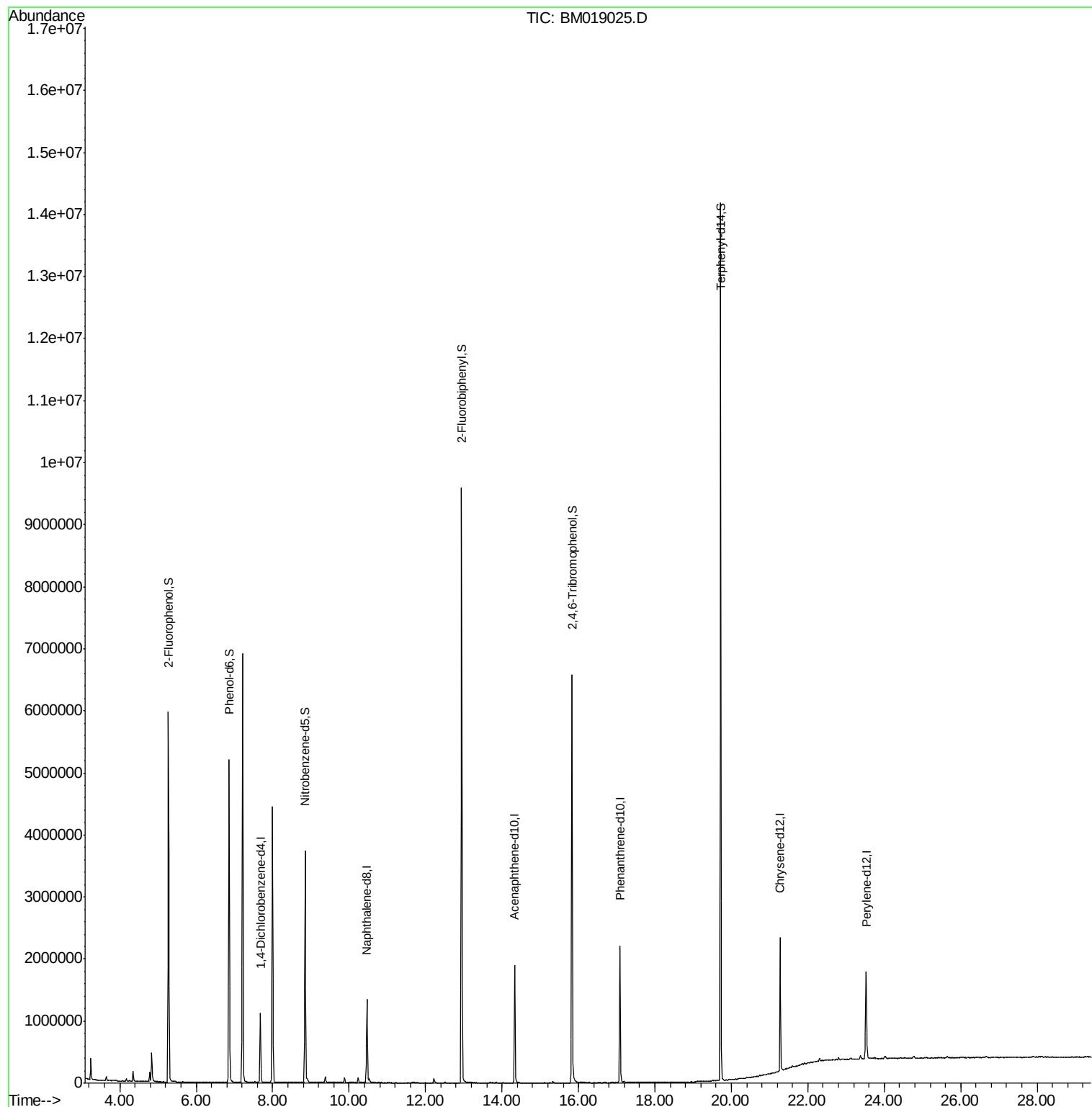
Target Compounds Qvalue

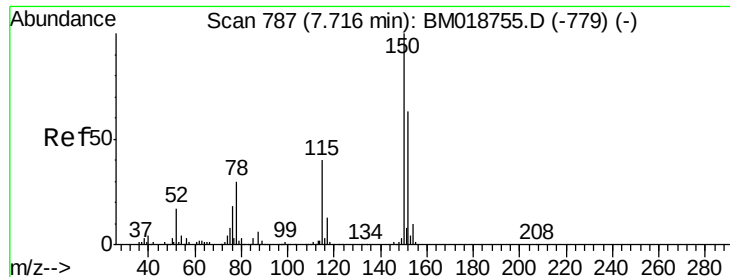
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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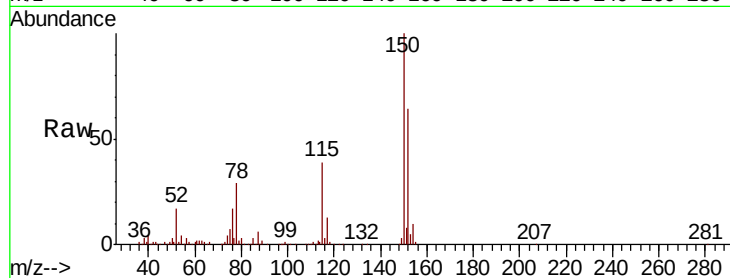


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BM019025.D
 Acq: 05 Mar 2019 01:05

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.3	190.9
115	60.2	50.8	76.2

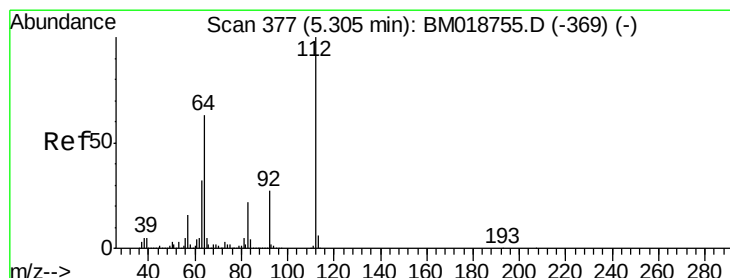
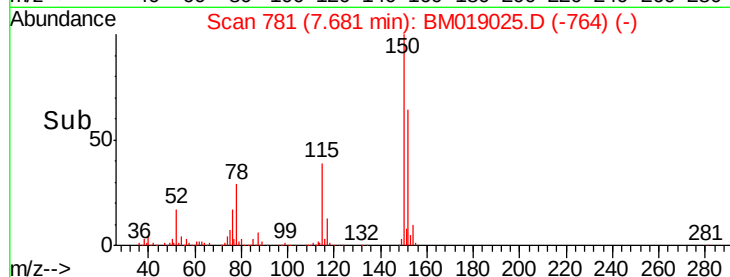
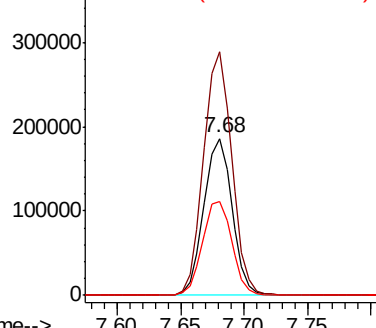


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

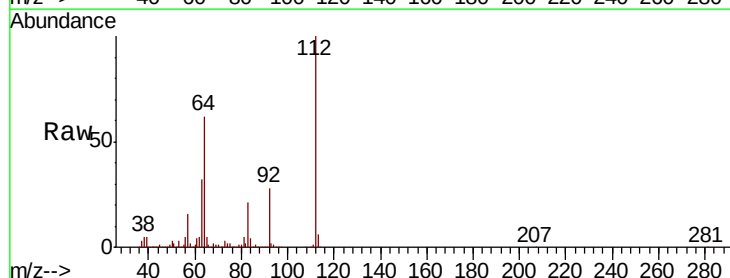
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 139.255 ng
 RT: 5.28 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: BM019025.D
 Acq: 05 Mar 2019 01:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	50.6	75.8
63	31.5	25.7	38.5

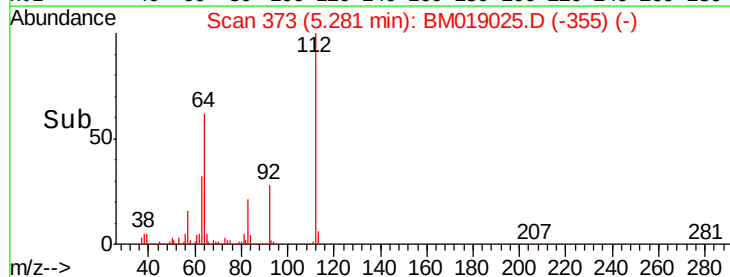
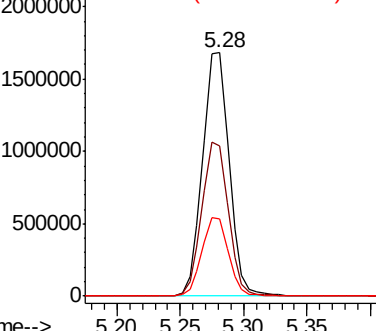


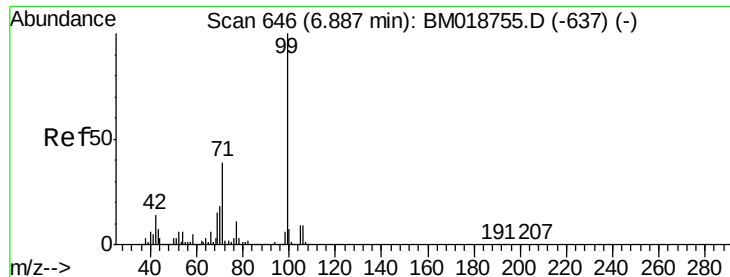
Abundance

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: 124.885 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019025.D

Acq: 05 Mar 2019 01:05

Instrument :

BNA_M

ClientSampled :

Z-2-3

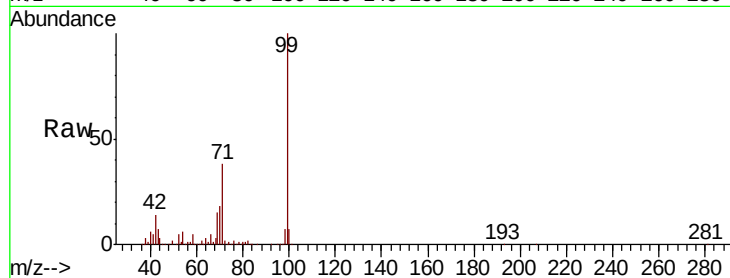
Tot Ion: 99 Resp: 3090872

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 38.4 31.3 46.9

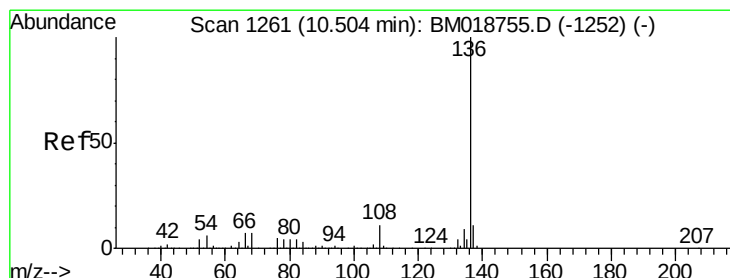
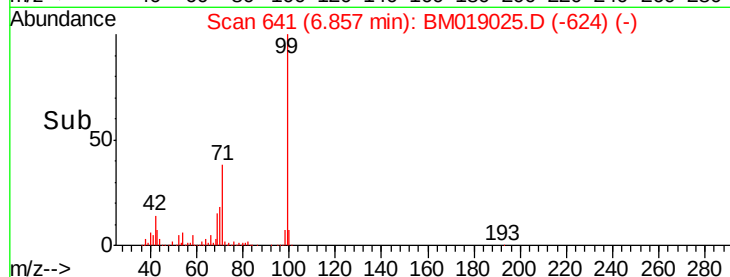
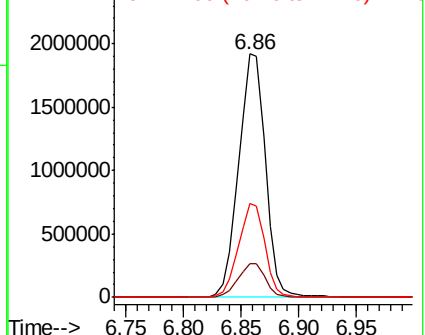


Abundance

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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM019025.D

Acq: 05 Mar 2019 01:05

Tgt Ion: 136 Resp: 1141553

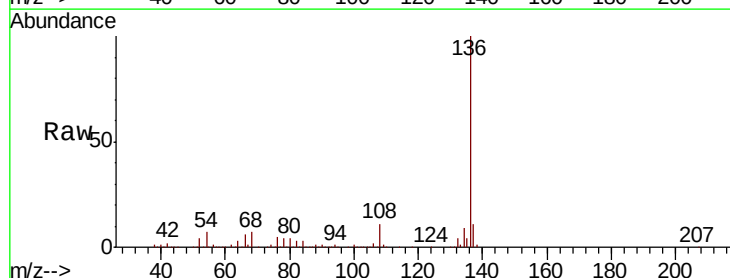
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.0 5.0 7.6

68 7.5 5.5 8.3



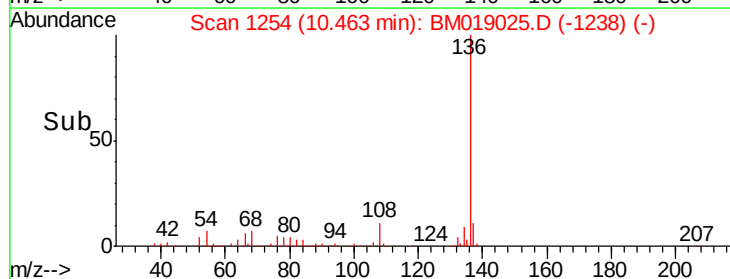
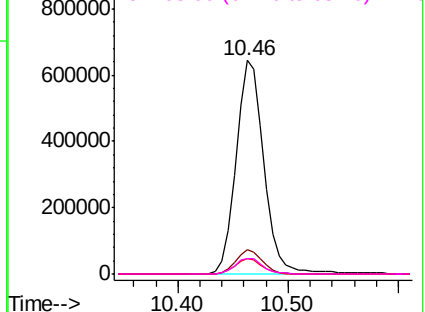
Abundance

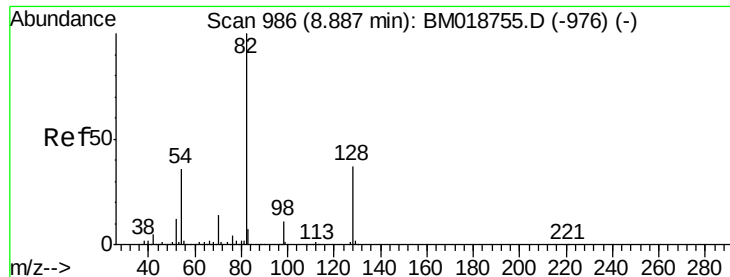
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

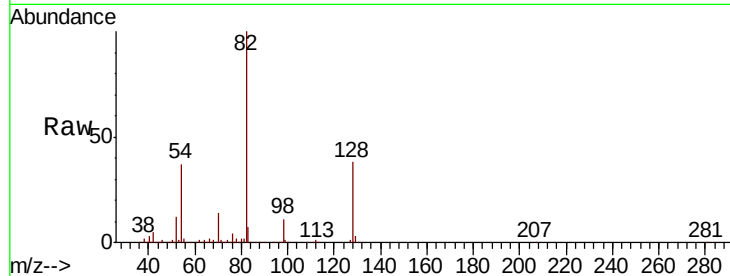




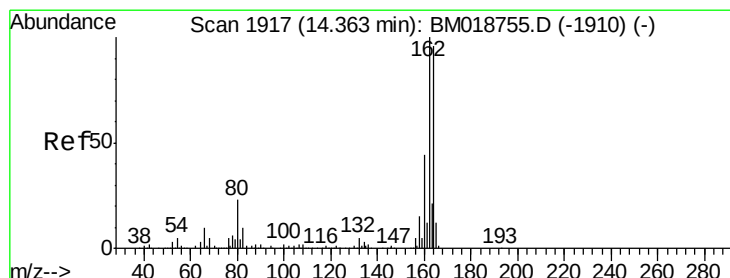
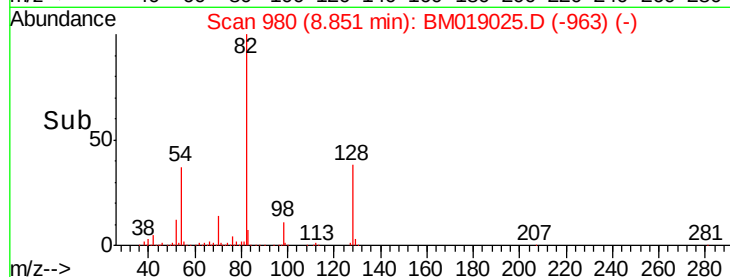
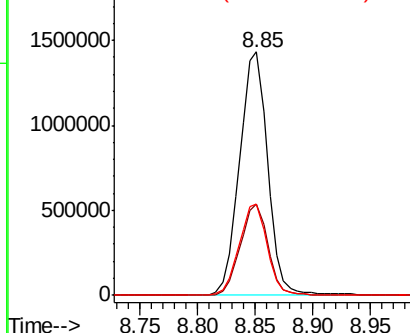
#23
 Nitrobenzene-d5
 Concen: 98.494 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BM019025.D
 Acq: 05 Mar 2019 01:05

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-3

Tot Ion: 82 Resp: 2431641
 Ion Ratio Lower Upper
 82 100
 128 37.7 29.9 44.9
 54 37.5 29.1 43.7

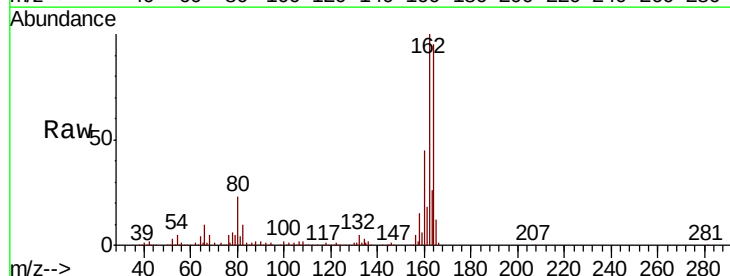


Abundance Ion 82.00 (81.70 to 82.70): BM019025.D (-963) (-)
 Ion 128.00 (127.70 to 128.70): BM019025.D (-963) (-)
 Ion 54.00 (53.70 to 54.70): BM019025.D (-963) (-)

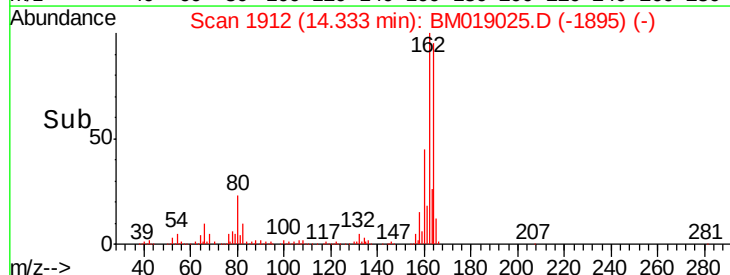
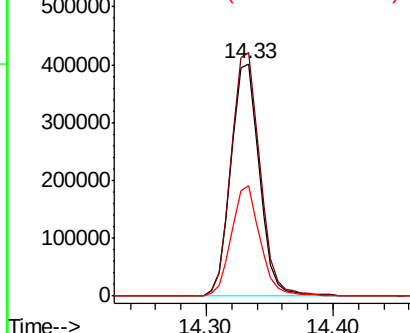


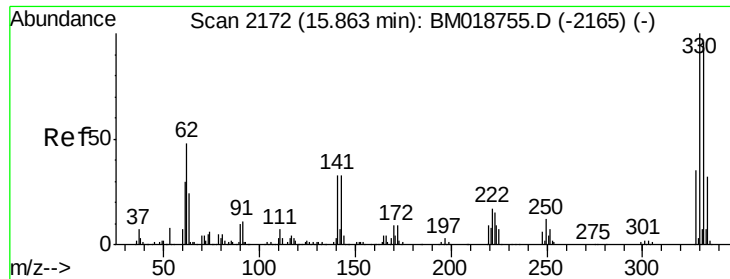
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM019025.D
 Acq: 05 Mar 2019 01:05

Tgt Ion: 164 Resp: 625241
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.4 125.0
 160 47.3 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM019025.D (-1895) (-)
 Ion 162.00 (161.70 to 162.70): BM019025.D (-1895) (-)
 Ion 160.00 (159.70 to 160.70): BM019025.D (-1895) (-)

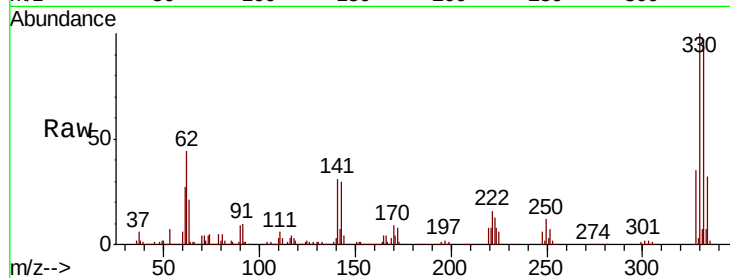




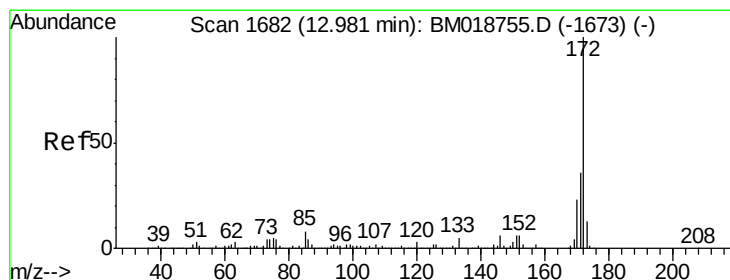
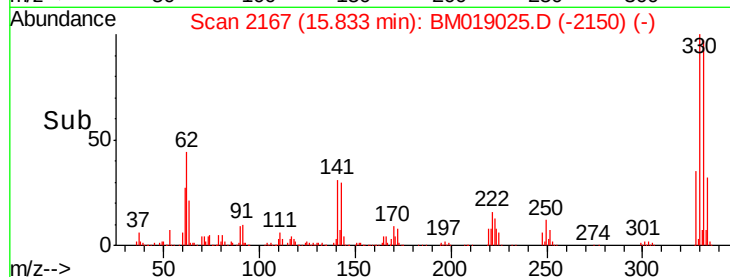
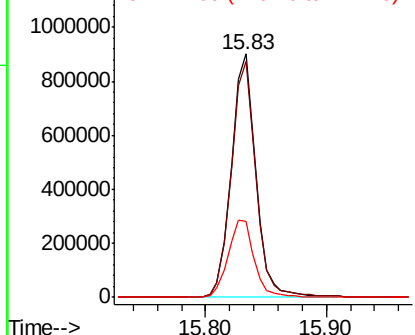
#42
 2,4,6-Tribromophenol
 Concen: 142.112 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BM019025.D
 Acq: 05 Mar 2019 01:05

Instrument :
 BNA_M
 ClientSampleId :
 Z-2-3

Tot Ion:330 Resp: 1280807
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.9 115.3
 141 33.7 28.7 43.1

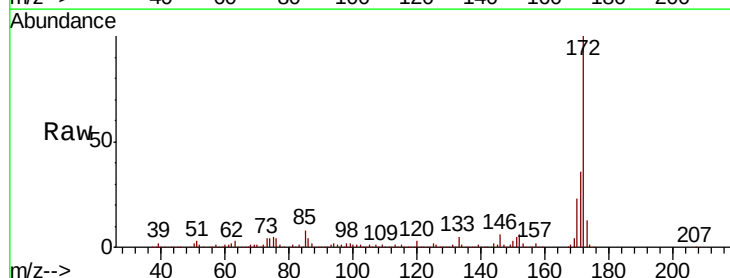


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

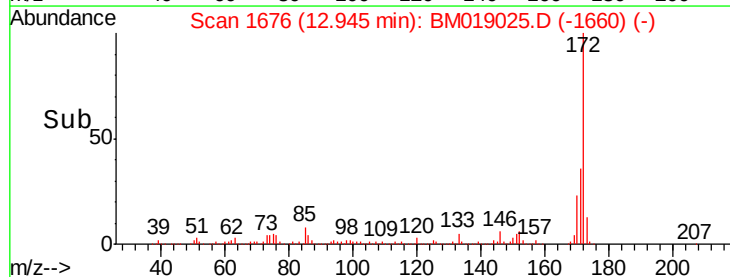
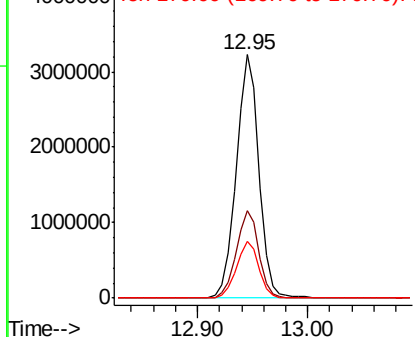


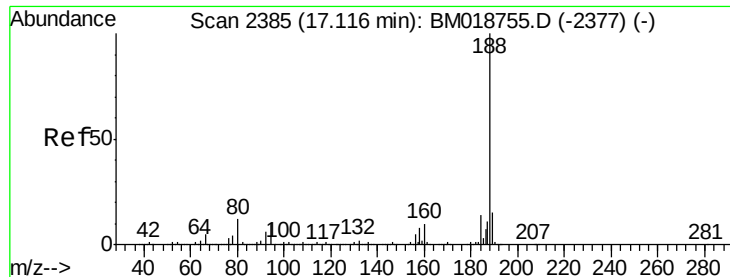
#45
 2-Fluorobiphenyl
 Concen: 98.486 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM019025.D
 Acq: 05 Mar 2019 01:05

Tgt Ion:172 Resp: 4638698
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 23.4 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

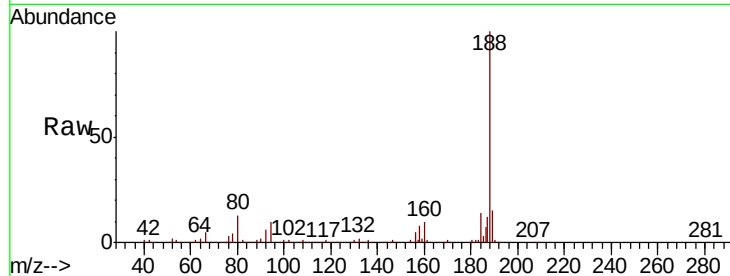




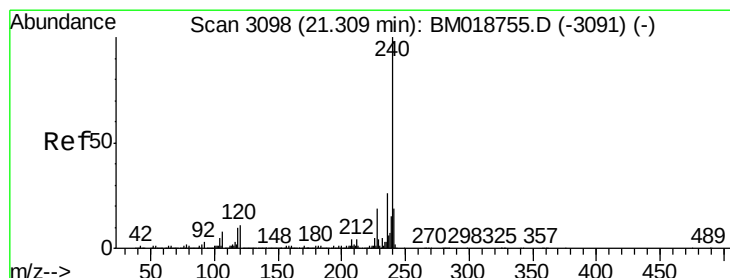
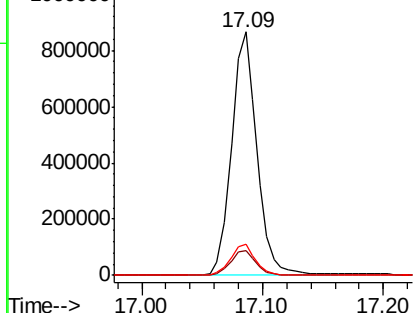
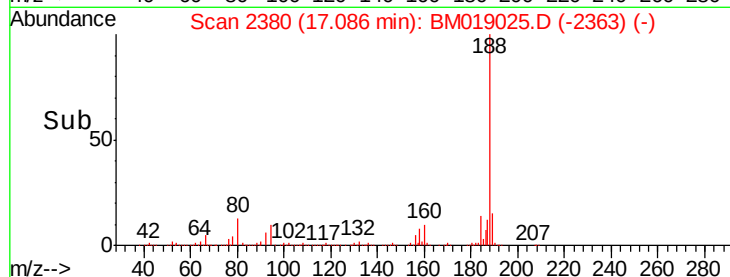
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM019025.D
Acq: 05 Mar 2019 01:05

Instrument :
BNA_M
ClientSampleID :
Z-2-3

Tot Ion:188 Resp: 1267966
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.6 9.7 14.5

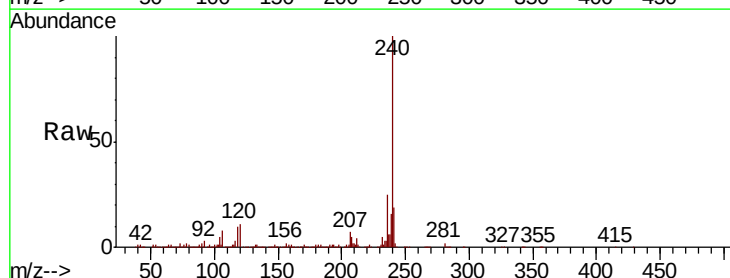


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

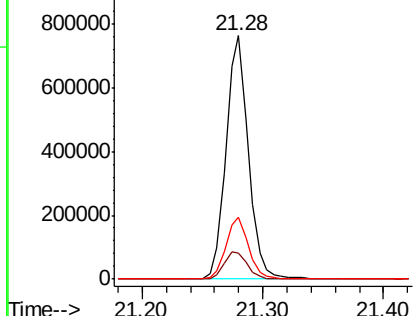
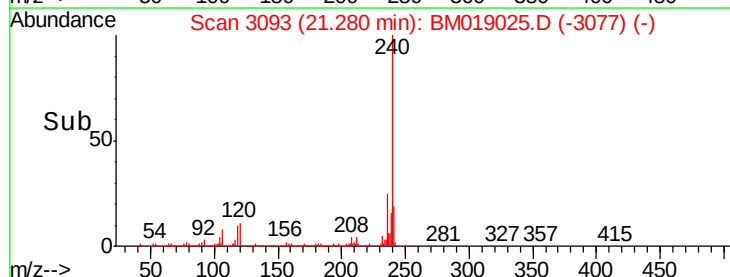


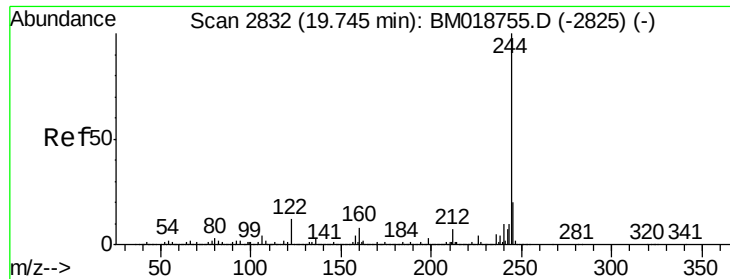
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019025.D
Acq: 05 Mar 2019 01:05

Tgt Ion:240 Resp: 976701
Ion Ratio Lower Upper
240 100
120 10.7 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: 124.050 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM019025.D

Acq: 05 Mar 2019 01:05

Instrument :

BNA_M

ClientSampleId :

Z-2-3

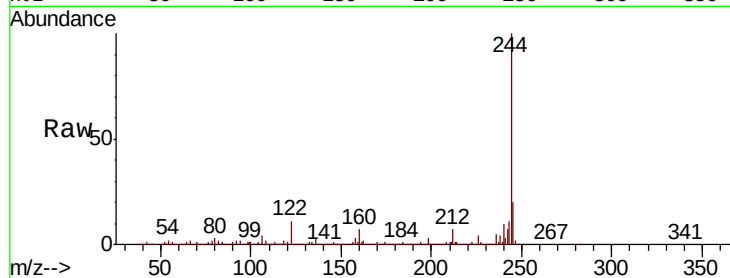
Tot Ion:244 Resp: 5873305

Ion Ratio Lower Upper

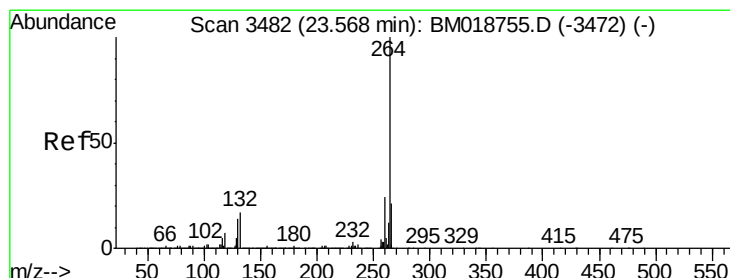
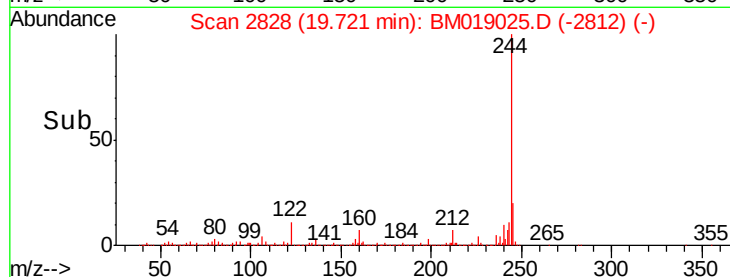
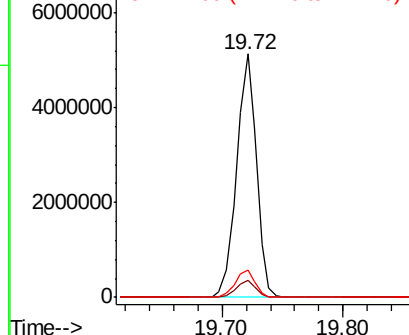
244 100

212 6.9 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

Perylene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM019025.D

Acq: 05 Mar 2019 01:05

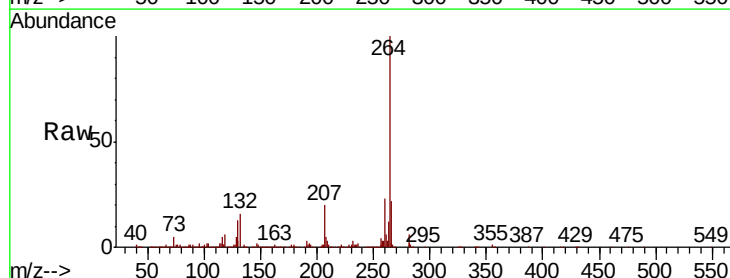
Tgt Ion:264 Resp: 1017039

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.5 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

