

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 :

Quant Time: Mar 05 03:37:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

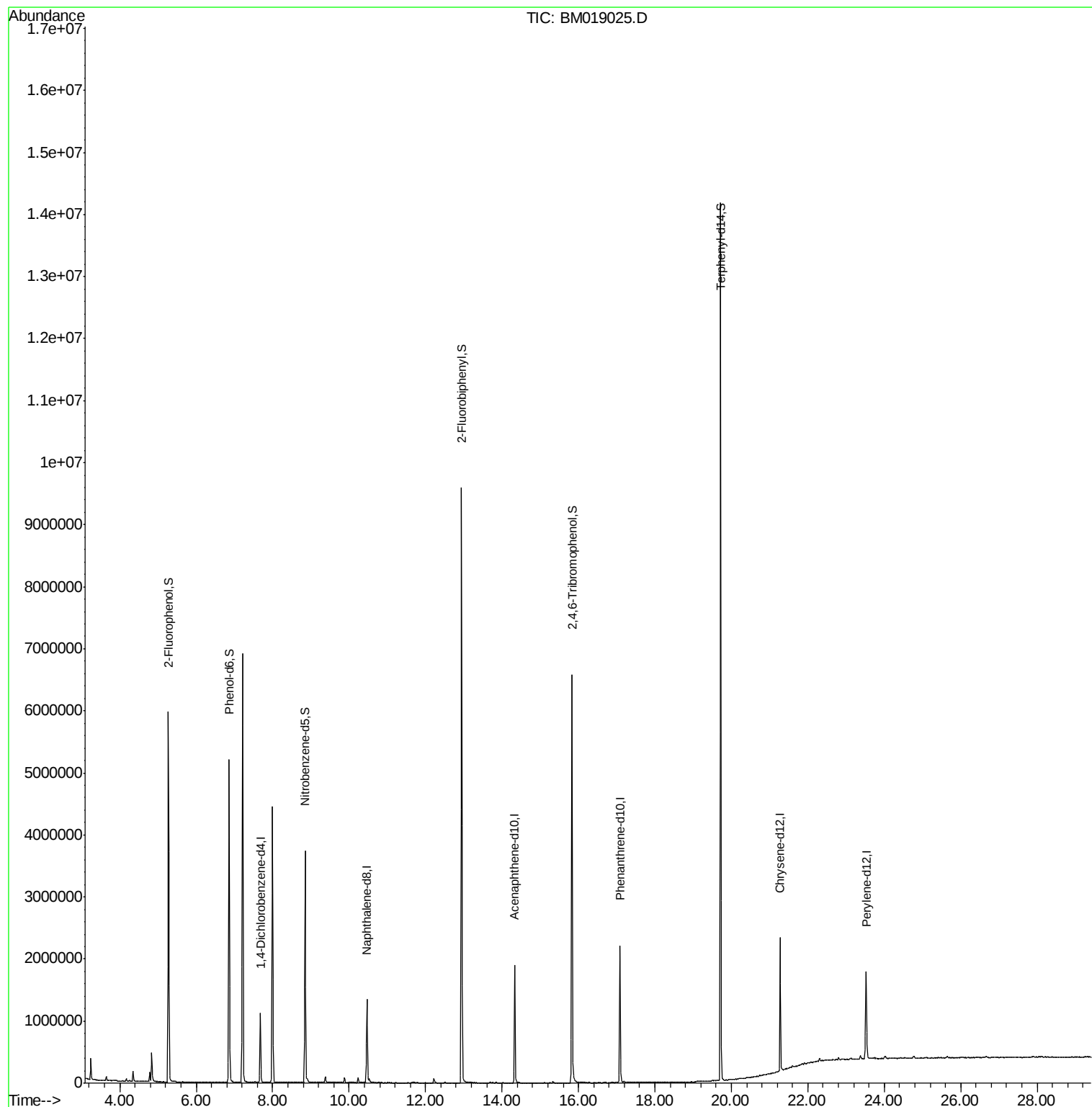
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	287857	20.00	ng	-0.04
21) Naphthalene-d8	10.46	136	1137538	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	622126	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1266491	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	975560	20.00	ng	-0.03
87) Perylene-d12	23.53	264	1017982	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2447455	139.31	ng	-0.02
7) Phenol-d6	6.86	99	3090872	124.88	ng	-0.03
23) Nitrobenzene-d5	8.85	82	2434136	98.94	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1279139	142.64	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	4638698	98.98	ng	-0.04
79) Terphenyl-d14	19.72	244	5872270	124.17	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	7388	Below Cal	Qvalue #	7

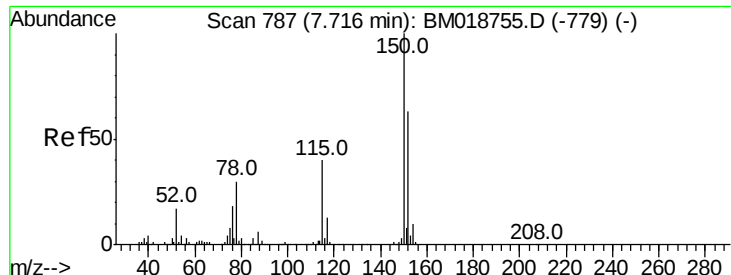
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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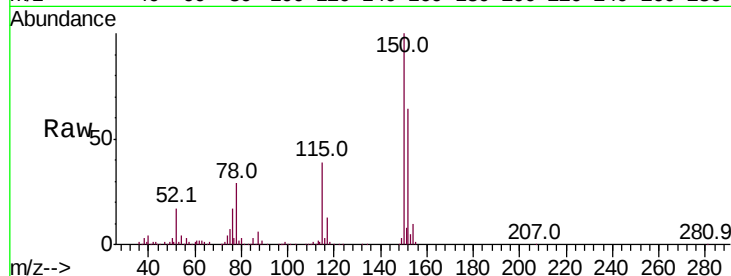


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019025.D
Acq: 05 Mar 2019 01:05

Instrument :
BNA_M
ClientSampleId :

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

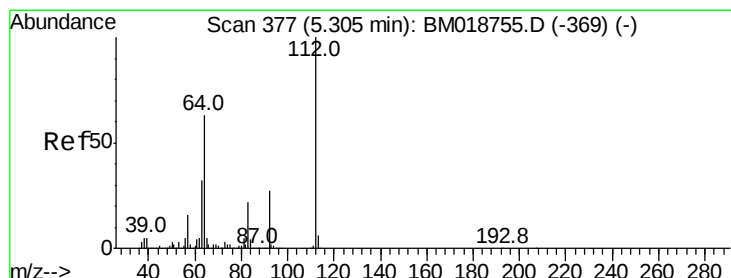
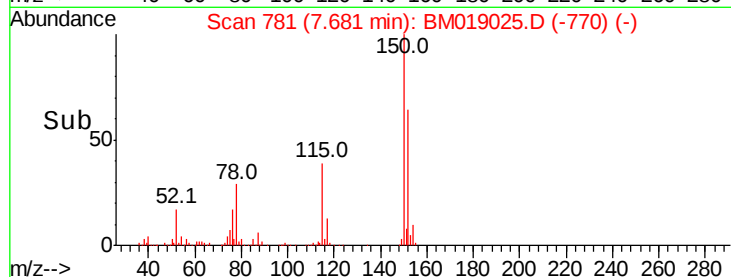
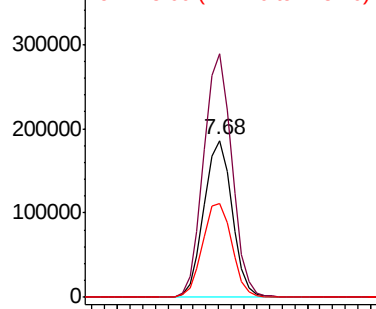


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

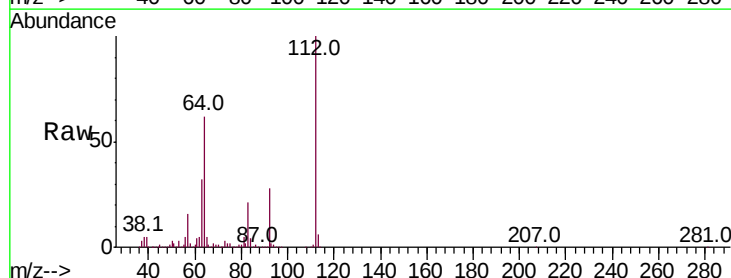
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 139.308 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 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

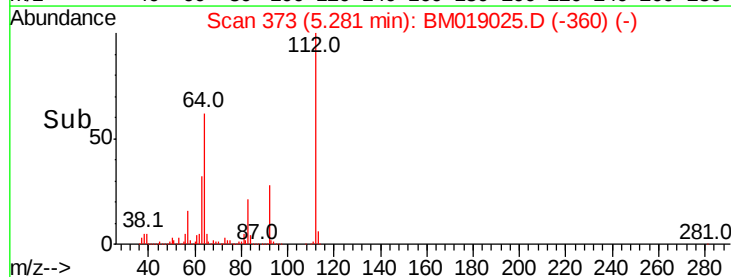
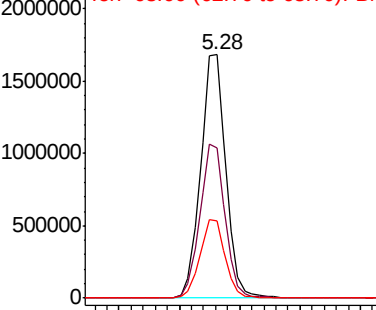


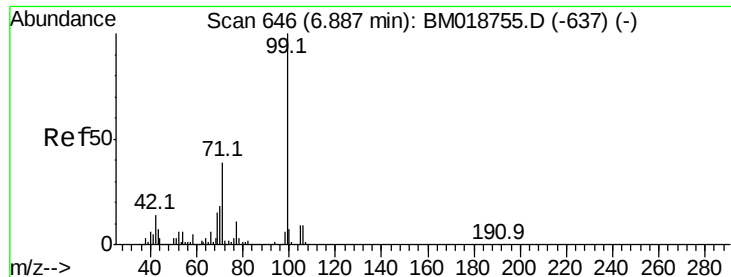
Abundance

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. -0.03 min

Lab File: BM019025.D

Acq: 05 Mar 2019 01:05

Instrument :

BNA_M

ClientSampled :

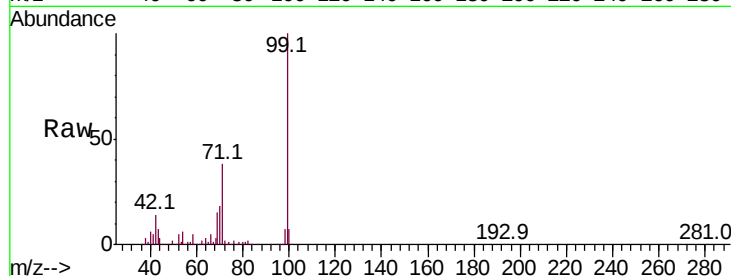
Tot Ion: 99 Resp: 3090872

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

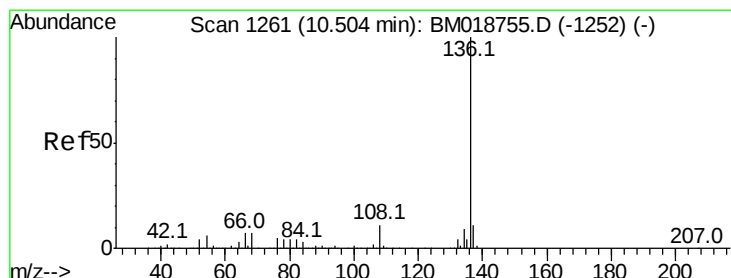
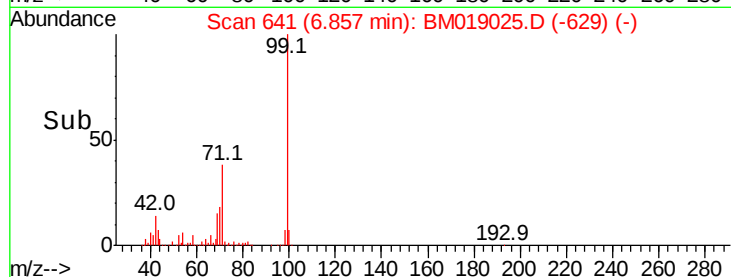
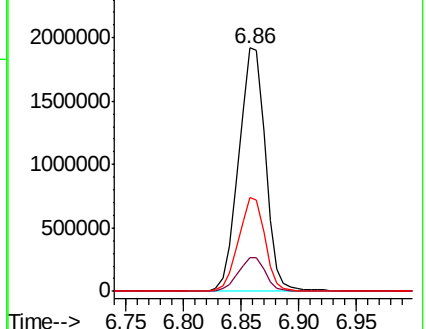
71 38.4 31.3 46.9



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. -0.04 min

Lab File: BM019025.D

Acq: 05 Mar 2019 01:05

Tgt Ion: 136 Resp: 1137538

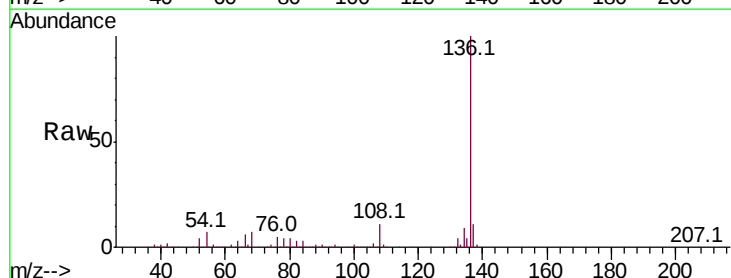
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.0 5.0 7.6

68 7.5 5.5 8.3

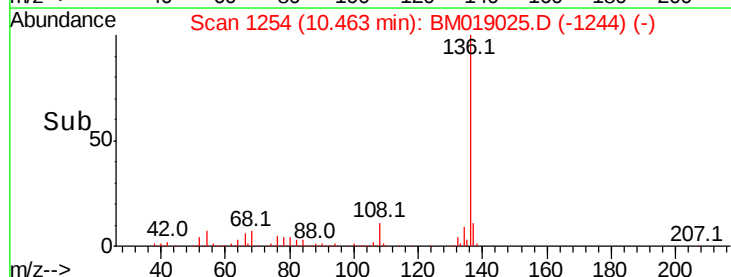
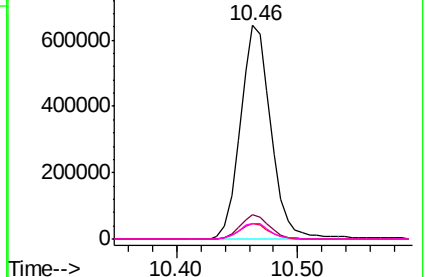


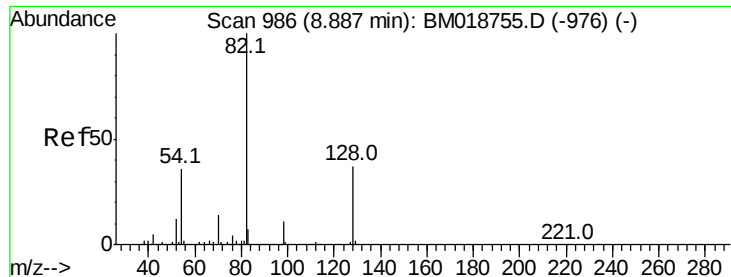
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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: 98.943 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BM019025.D

Acq: 05 Mar 2019 01:05

Instrument :

BNA_M

ClientSampleId :

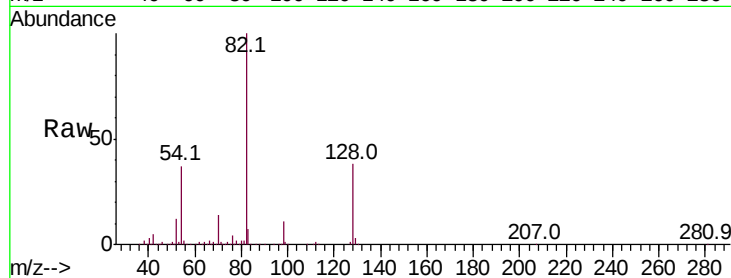
Tot Ion: 82 Resp: 2434136

Ion Ratio Lower Upper

82 100

128 37.7 29.9 44.9

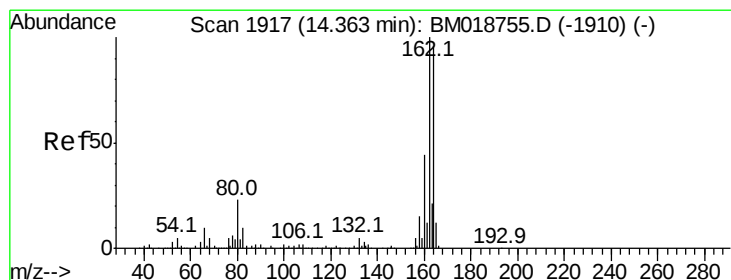
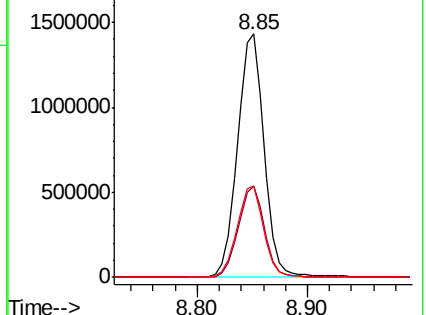
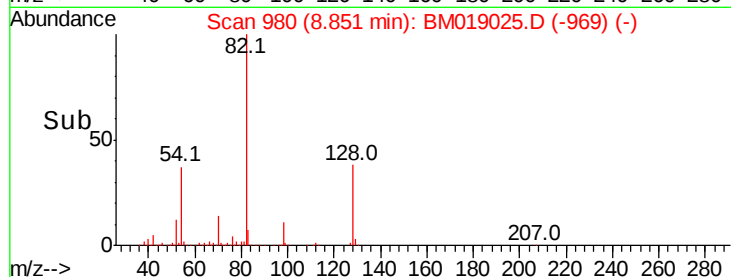
54 37.5 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM019025.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM019025.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM019025.D (-969) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM019025.D

Acq: 05 Mar 2019 01:05

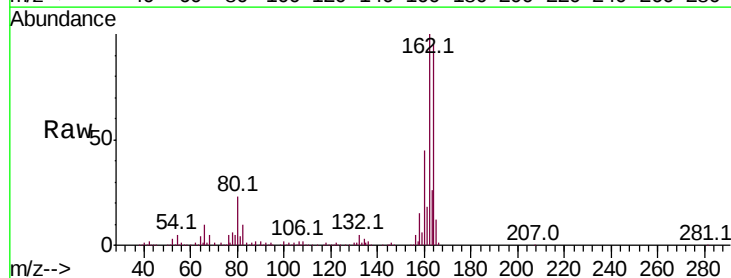
Tgt Ion:164 Resp: 622126

Ion Ratio Lower Upper

164 100

162 104.8 83.4 125.0

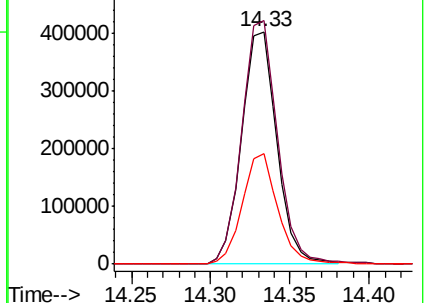
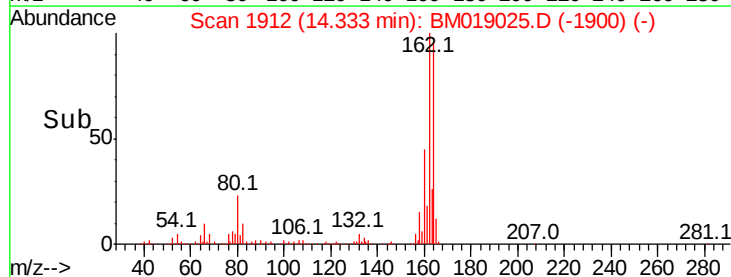
160 47.3 36.6 55.0

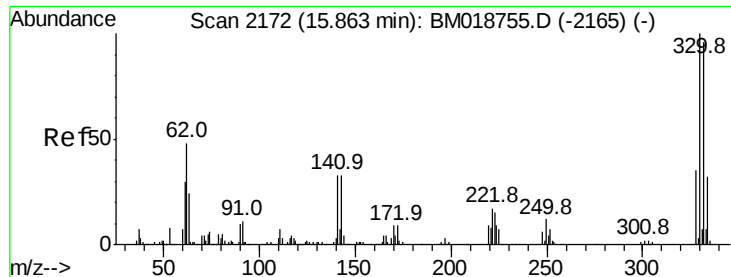


Abundance Ion 164.00 (163.70 to 164.70): BM019025.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM019025.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM019025.D (-1900) (-)

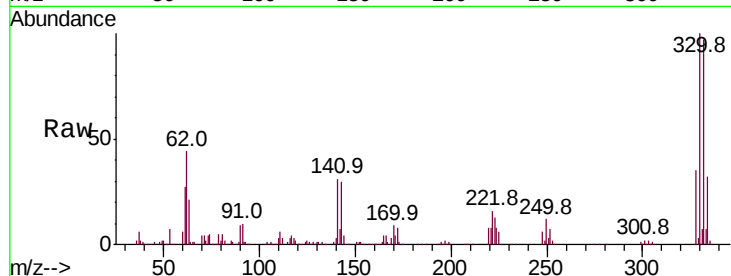




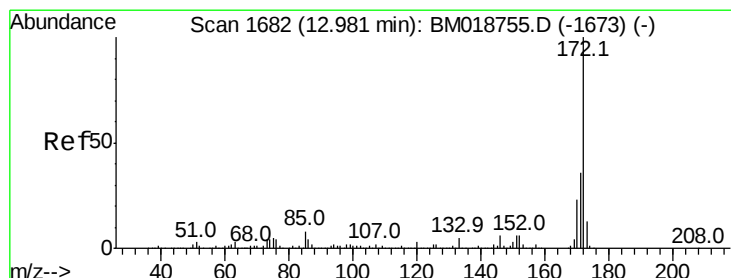
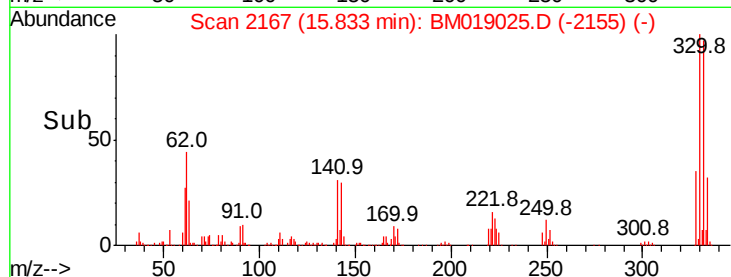
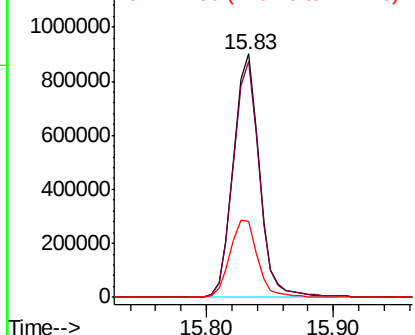
#42
 2,4,6-Tribromophenol
 Concen: 142.637 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BM019025.D
 Acq: 05 Mar 2019 01:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1279139
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.9 115.3
 141 33.7 28.7 43.1

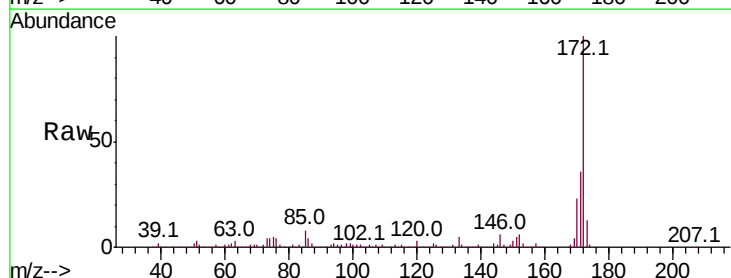


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

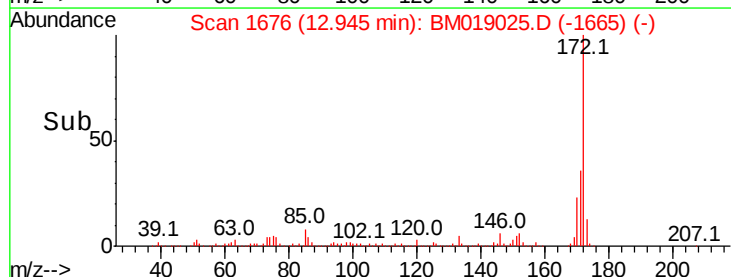
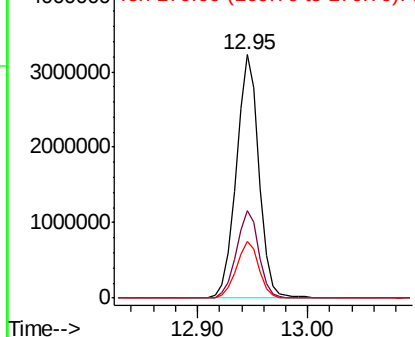


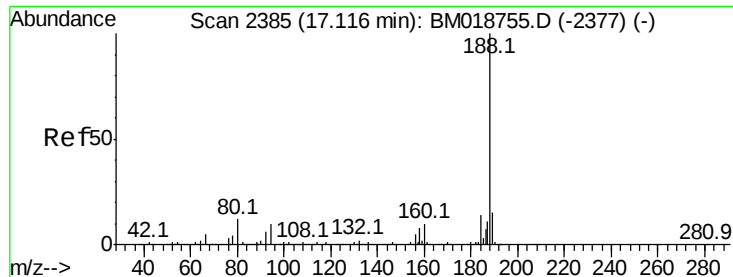
#45
 2-Fluorobiphenyl
 Concen: 98.979 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BM019025.D
 Acq: 05 Mar 2019 01:05

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

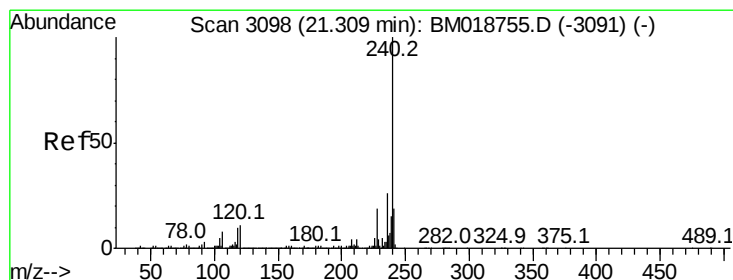
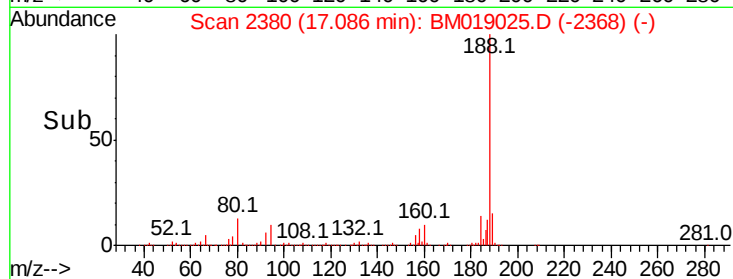
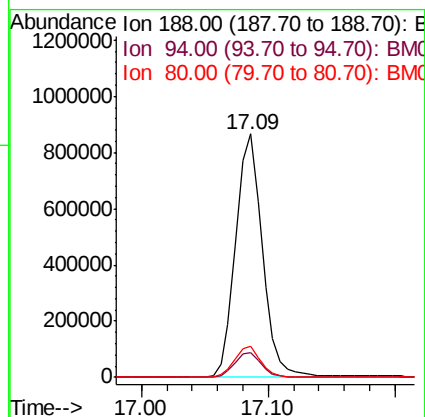
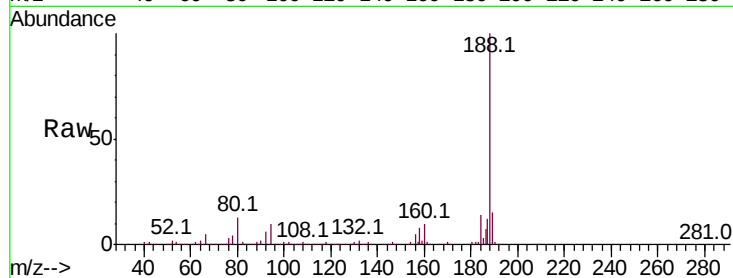




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019025.D
Acq: 05 Mar 2019 01:05

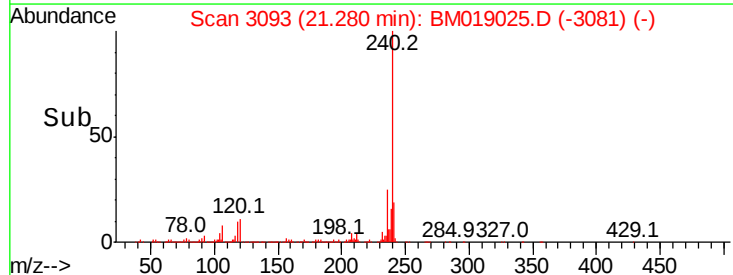
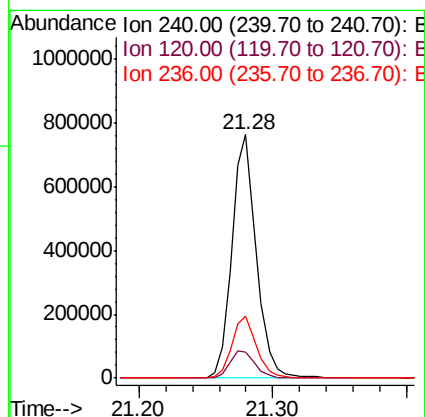
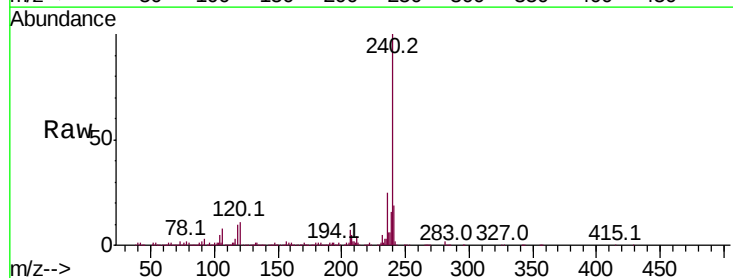
Instrument :
BNA_M
ClientSampleId :

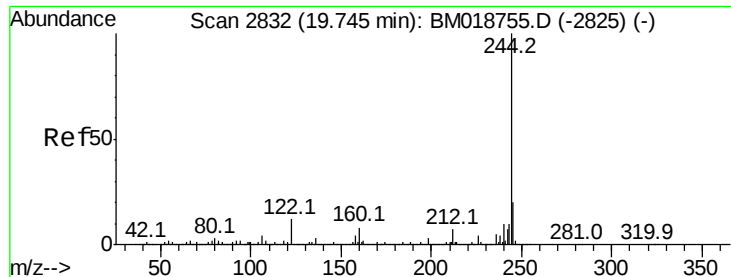
Tot Ion:188 Resp: 1266491
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 12.6 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BM019025.D
Acq: 05 Mar 2019 01:05

Tgt Ion:240 Resp: 975560
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 124.174 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BM019025.D

Acq: 05 Mar 2019 01:05

Instrument :

BNA_M

ClientSampleId :

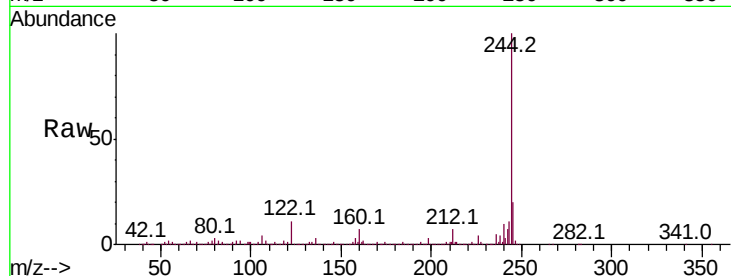
Tot Ion:244 Resp: 5872270

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

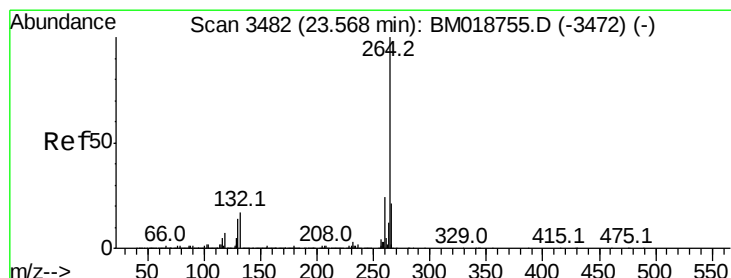
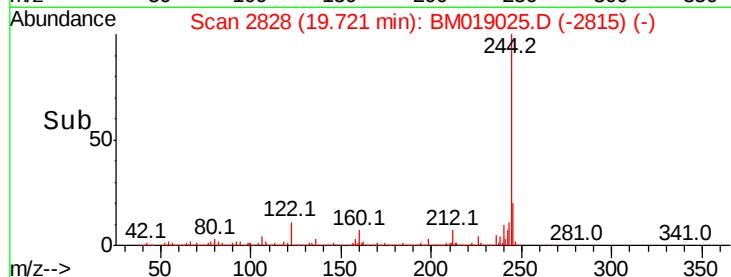
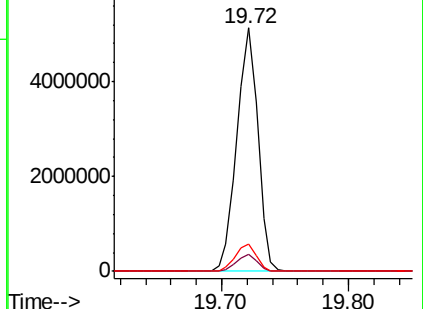
122 11.0 9.3 13.9



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. -0.04 min

Lab File: BM019025.D

Acq: 05 Mar 2019 01:05

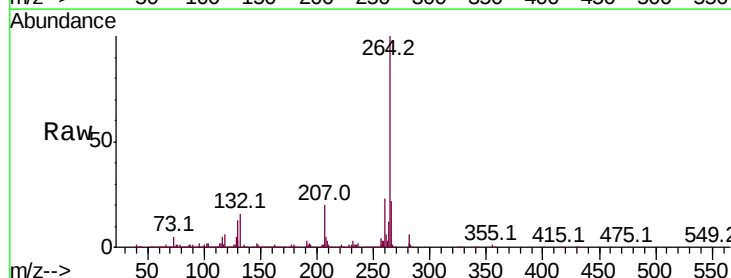
Tgt Ion:264 Resp: 1017982

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

