

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019033.D
 Acq On : 05 Mar 2019 05:53
 Operator : JU/SJ
 Sample : K1715-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 07:07:47 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

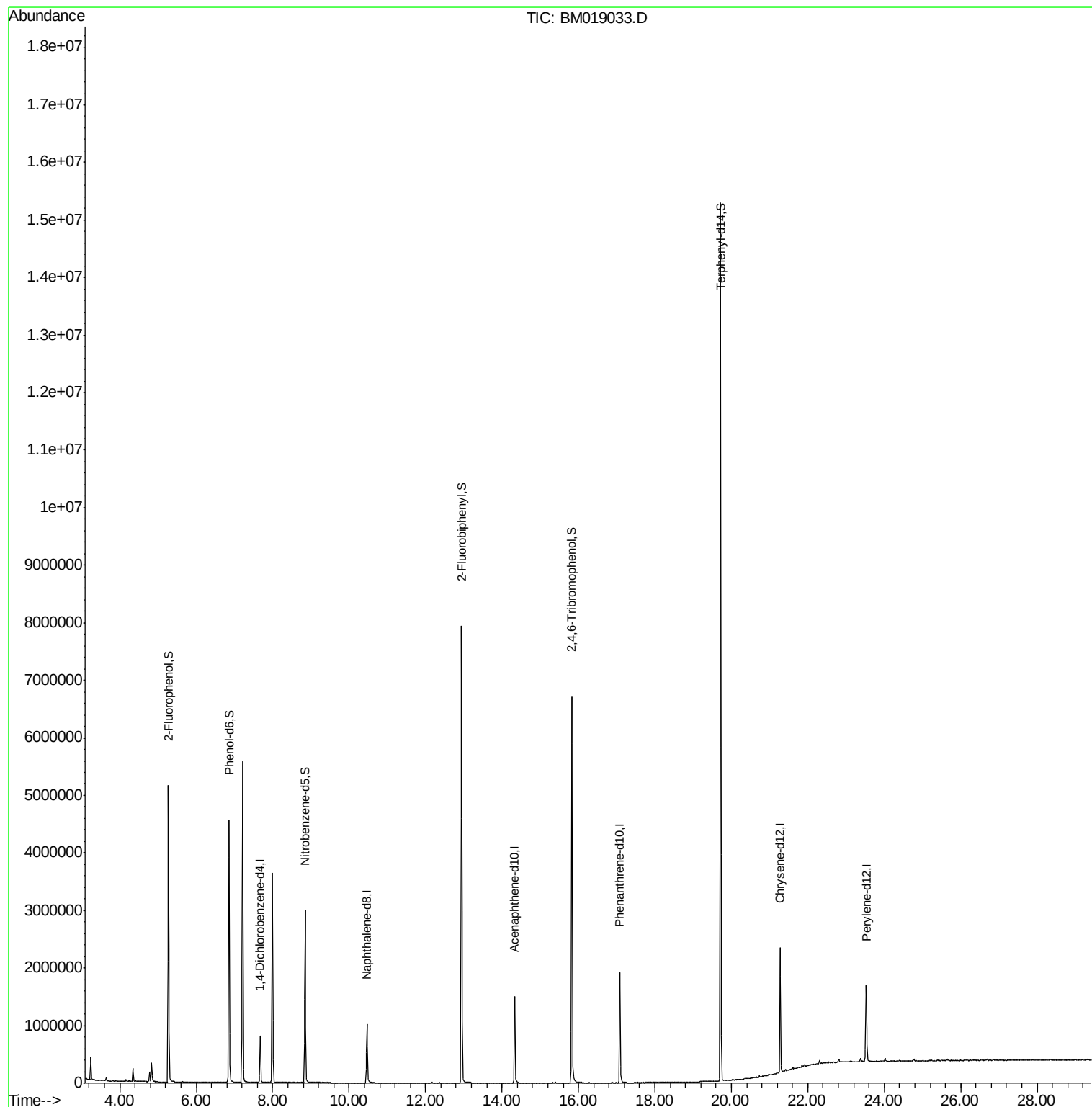
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	219124	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	850108	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	506525	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1151343	20.00	ng	0.00
76) Chrysene-d12	21.28	240	986452	20.00	ng	0.00
87) Perylene-d12	23.53	264	945479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2007517	150.11	ng	0.00
7) Phenol-d6	6.86	99	2568677	136.34	ng	0.00
23) Nitrobenzene-d5	8.85	82	1960028	106.61	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1246980	170.79	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3943331	103.34	ng	0.00
79) Terphenyl-d14	19.72	244	6523302	136.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	6363	Below Cal	Qvalue #	12

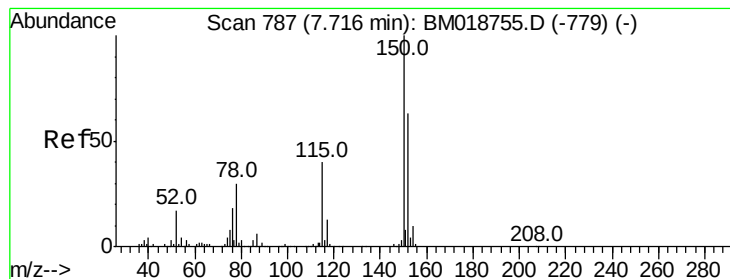
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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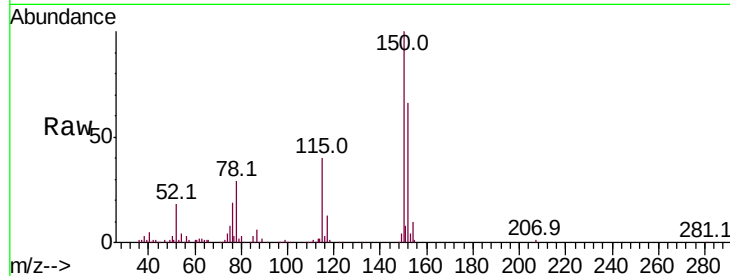


#1

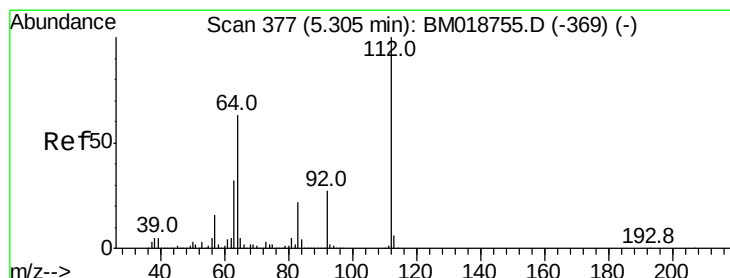
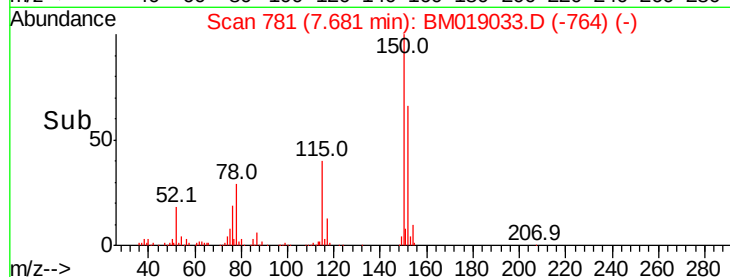
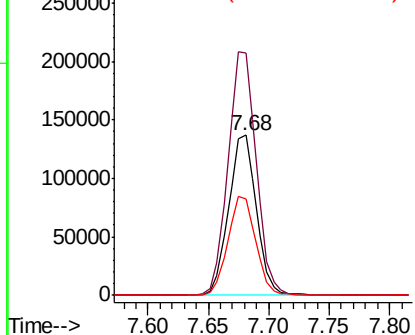
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BM019033.D
Acq: 05 Mar 2019 05:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 219124
Ion Ratio Lower Upper
152 100
150 151.5 127.3 190.9
115 60.2 50.8 76.2



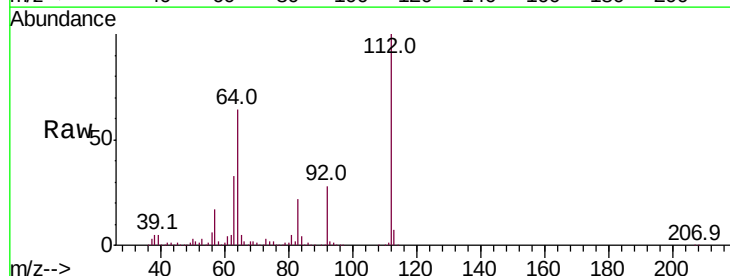
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



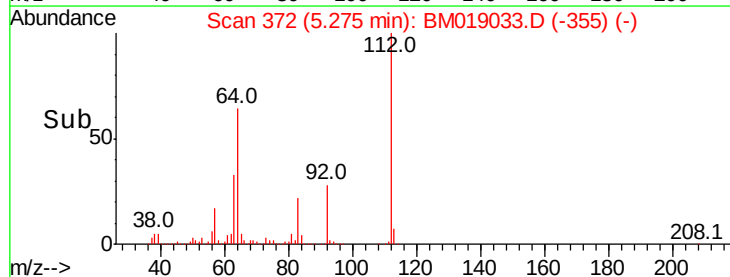
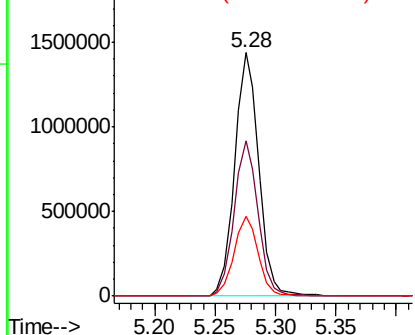
#5

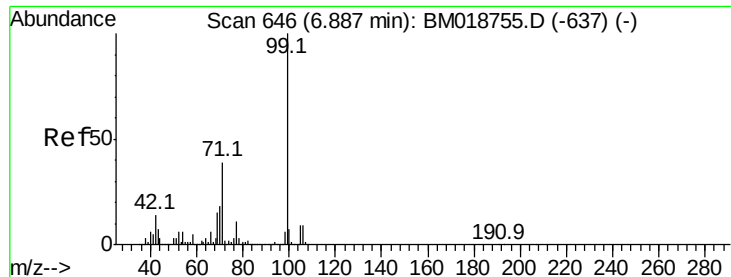
2-Fluorophenol
Concen: 150.110 ng
RT: 5.28 min Scan# 372
Delta R.T. 0.00 min
Lab File: BM019033.D
Acq: 05 Mar 2019 05:53

Tgt Ion:112 Resp: 2007517
Ion Ratio Lower Upper
112 100
64 63.8 50.6 75.8
63 33.0 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: 136.340 ng

RT: 6.86 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM019033.D

Acq: 05 Mar 2019 05:53

Instrument :

BNA_M

ClientSampleId :

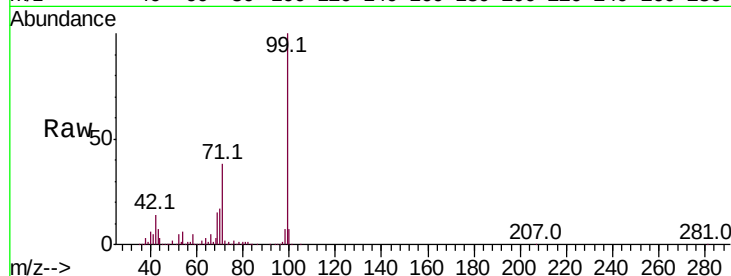
Tot Ion: 99 Resp: 2568677

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

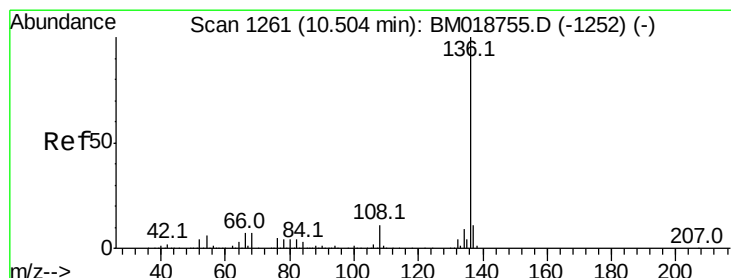
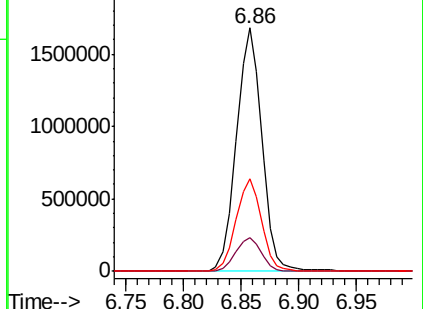
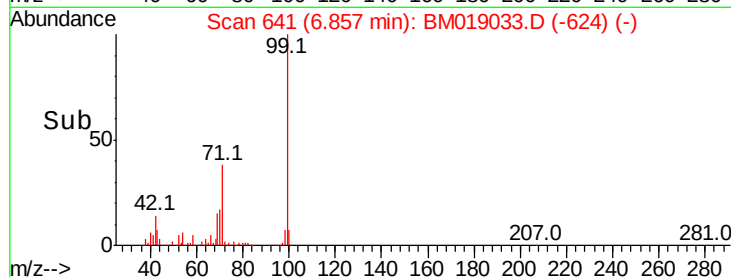
71 37.8 31.3 46.9



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM019033.D

Acq: 05 Mar 2019 05:53

Tgt Ion: 136 Resp: 850108

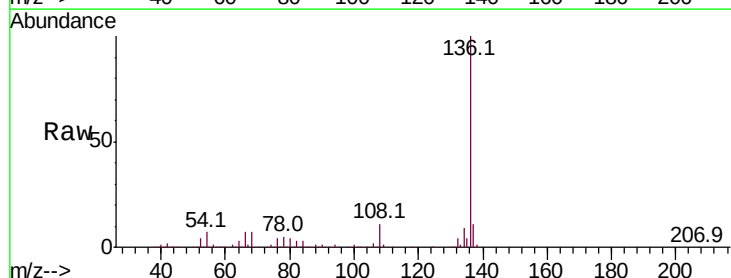
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.8 5.0 7.6

68 7.4 5.5 8.3

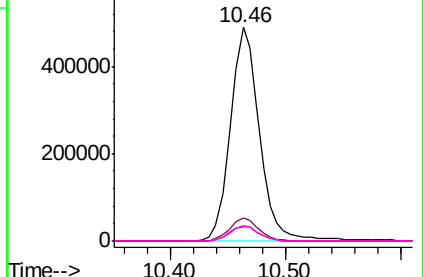
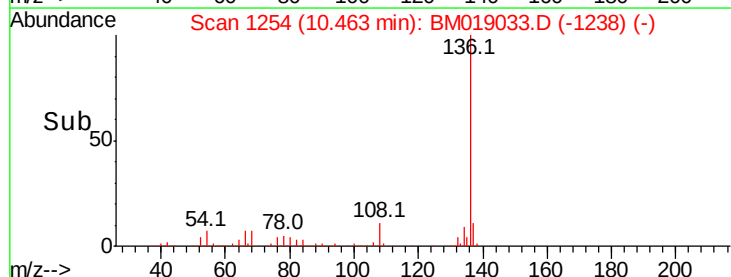


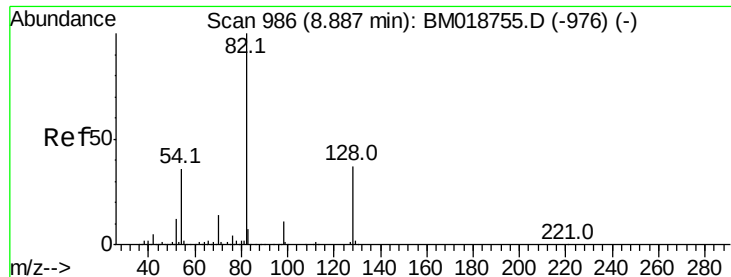
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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: 106.609 ng

RT: 8.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM019033.D

Acq: 05 Mar 2019 05:53

Instrument :

BNA_M

ClientSampleId :

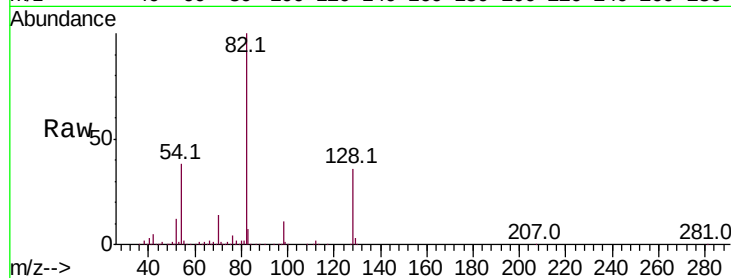
Tot Ion: 82 Resp: 1960028

Ion Ratio Lower Upper

82 100

128 36.5 29.9 44.9

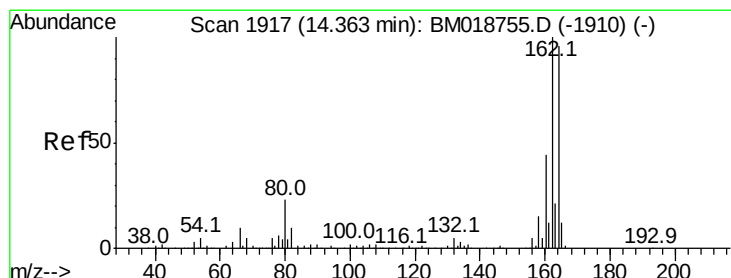
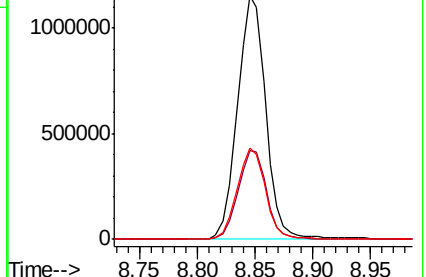
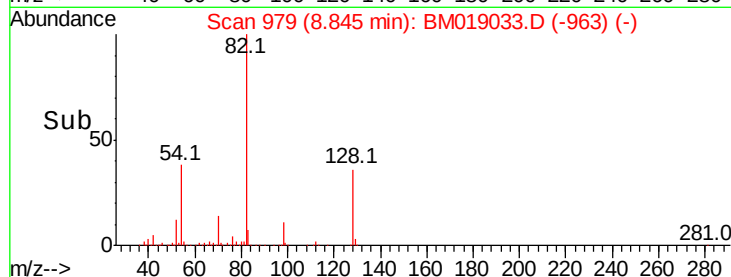
54 37.8 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BM019033.D

Acq: 05 Mar 2019 05:53

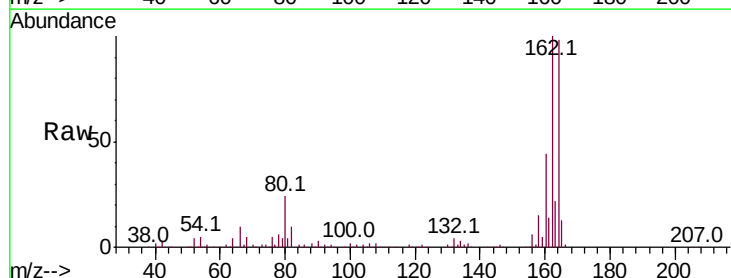
Tgt Ion:164 Resp: 506525

Ion Ratio Lower Upper

164 100

162 101.8 83.4 125.0

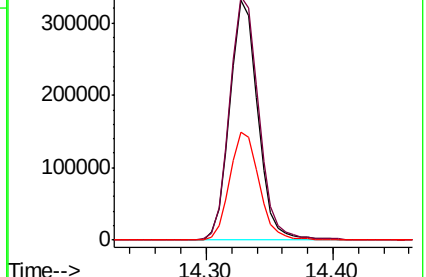
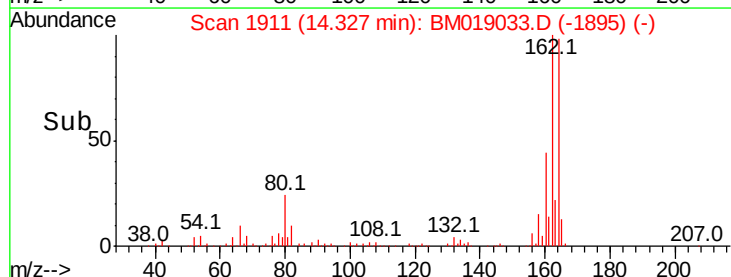
160 45.1 36.6 55.0

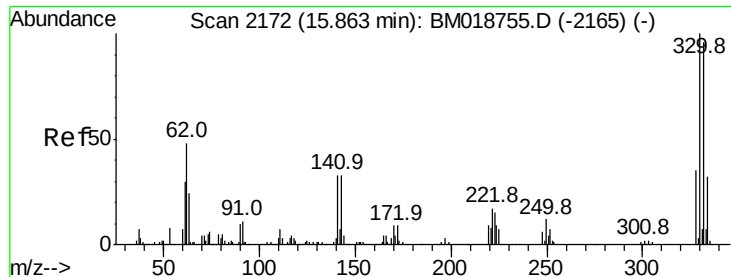


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

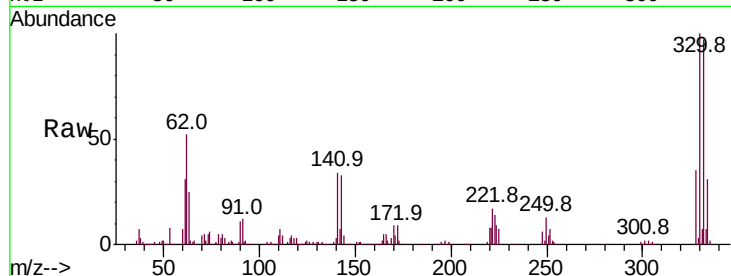




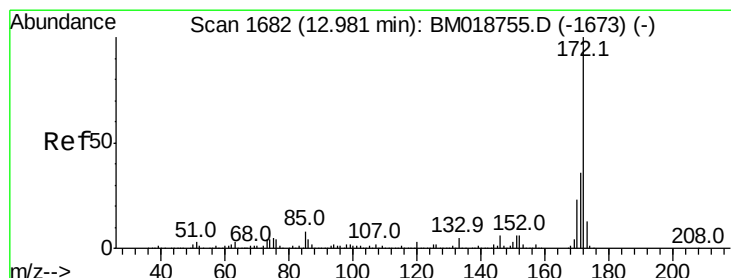
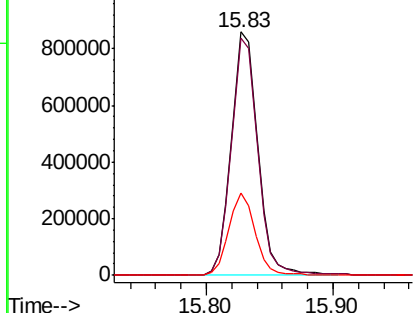
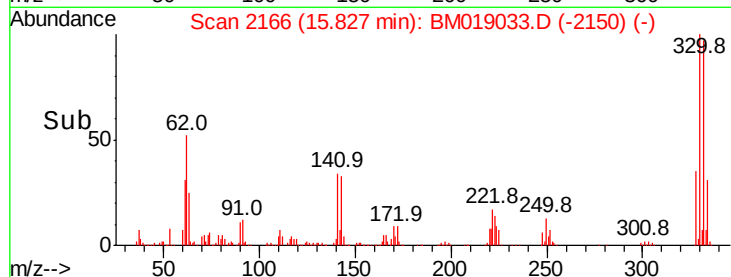
#42
 2,4,6-Tribromophenol
 Concen: 170.786 ng
 RT: 15.83 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BM019033.D
 Acq: 05 Mar 2019 05:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 1246980
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.9 115.3
 141 33.9 28.7 43.1

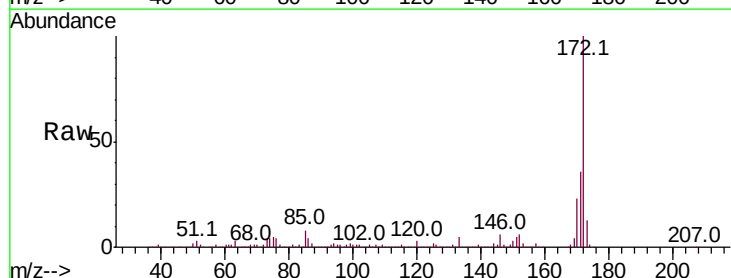


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

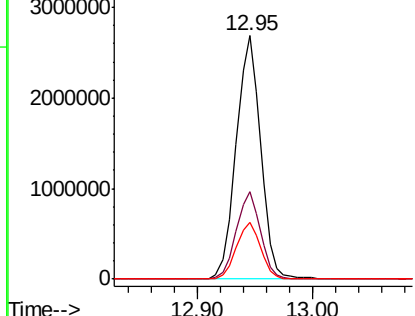
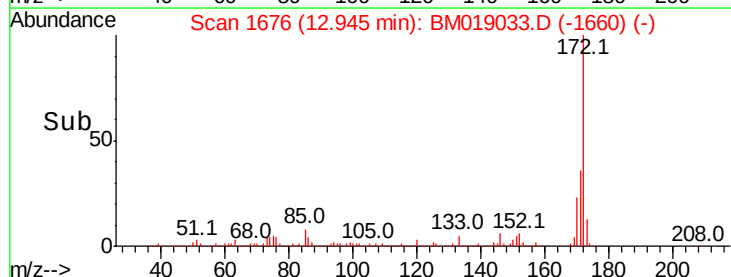


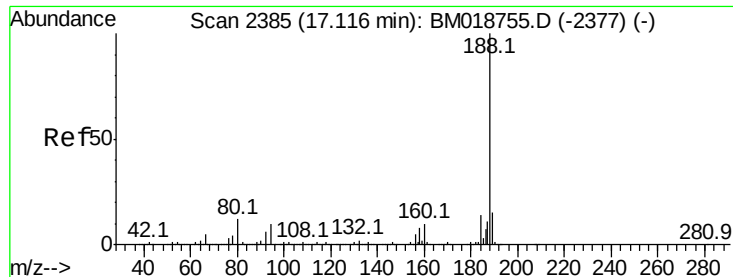
#45
 2-Fluorobiphenyl
 Concen: 103.345 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM019033.D
 Acq: 05 Mar 2019 05:53

Tgt Ion:172 Resp: 3943331
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

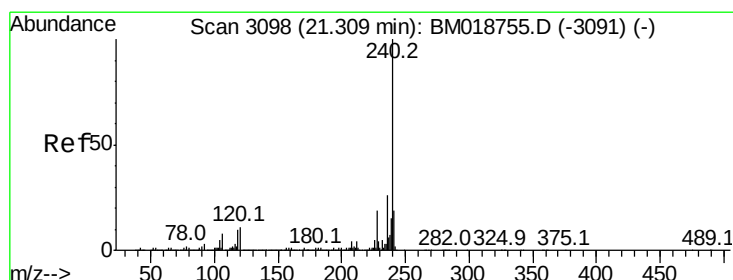
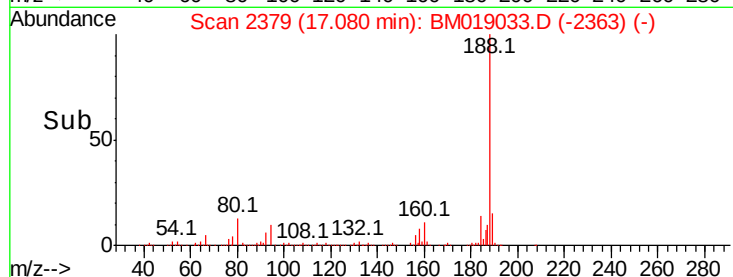
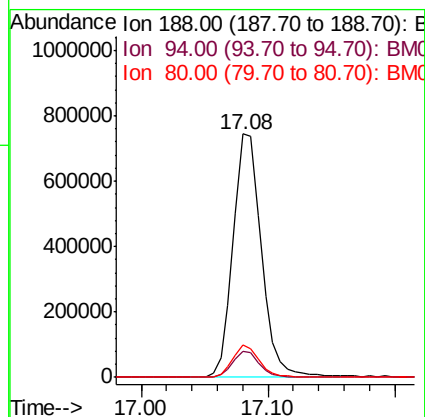
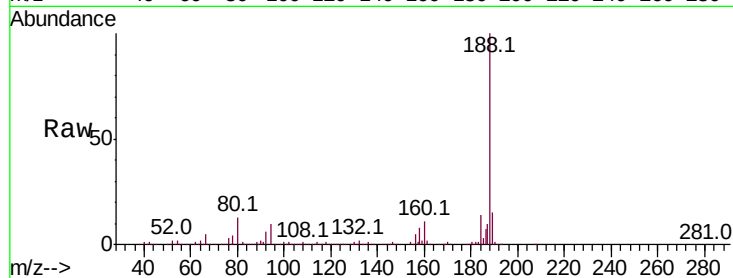




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019033.D
Acq: 05 Mar 2019 05:53

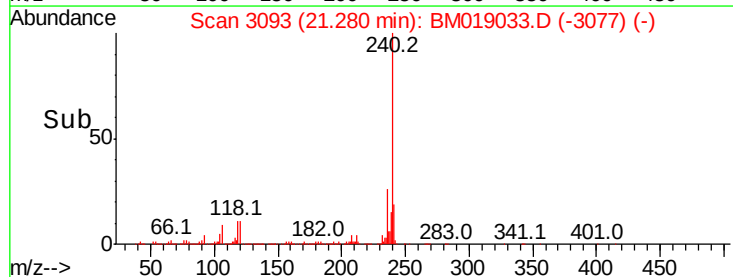
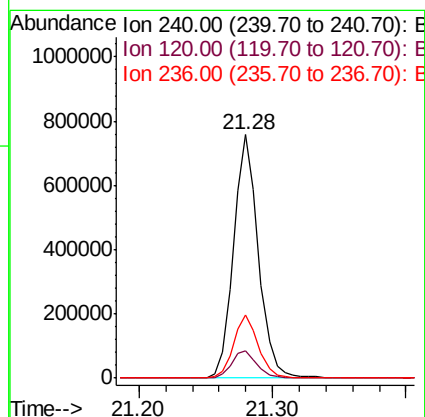
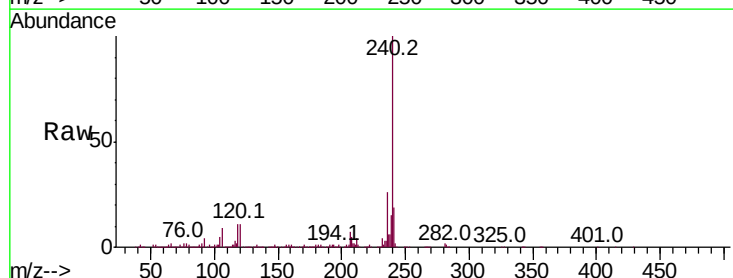
Instrument :
BNA_M
ClientSampleId :

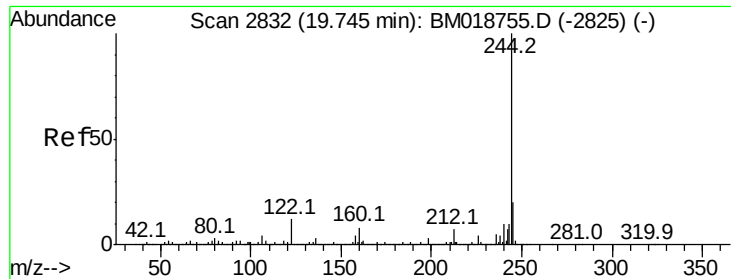
Tot Ion:188 Resp: 1151343
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 13.2 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019033.D
Acq: 05 Mar 2019 05:53

Tgt Ion:240 Resp: 986452
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 136.417 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM019033.D

Acq: 05 Mar 2019 05:53

Instrument :

BNA_M

ClientSampleId :

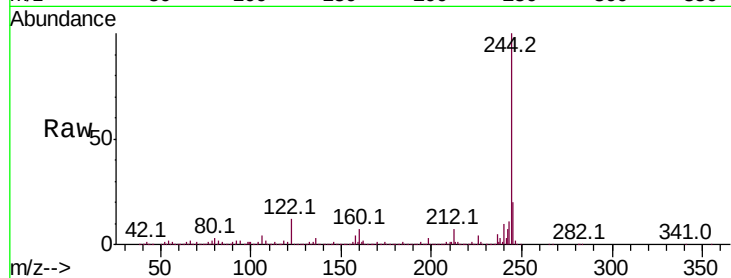
Tot Ion:244 Resp: 6523302

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

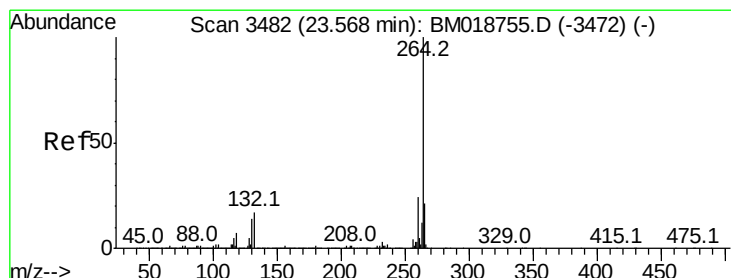
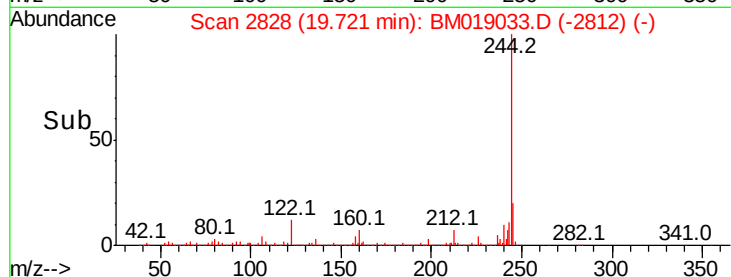
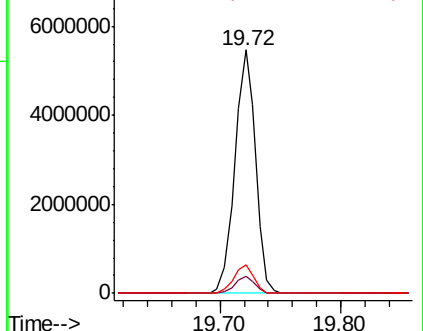
122 11.5 9.3 13.9



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: BM019033.D

Acq: 05 Mar 2019 05:53

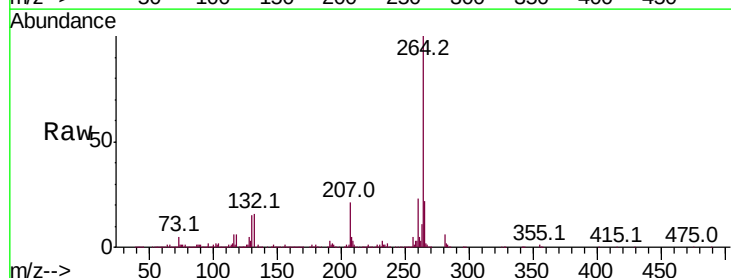
Tgt Ion:264 Resp: 945479

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.6 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

