

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
 Data File : BM018958.D
 Acq On : 27 Feb 2019 20:23
 Operator : JU/SJ
 Sample : K1610-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-B

Quant Time: Feb 28 04:18:52 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	7.69	152	260575	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1102899	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	671018	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1536947	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1389466	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1204675	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2385725	150.01	ng	-0.02
7) Phenol-d6	6.87	99	3216564	143.57	ng	-0.02
23) Nitrobenzene-d5	8.86	82	2381328	99.84	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1576239	162.96	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4895264	96.84	ng	-0.02
79) Terphenyl-d14	19.73	244	8211022	121.91	ng	-0.01

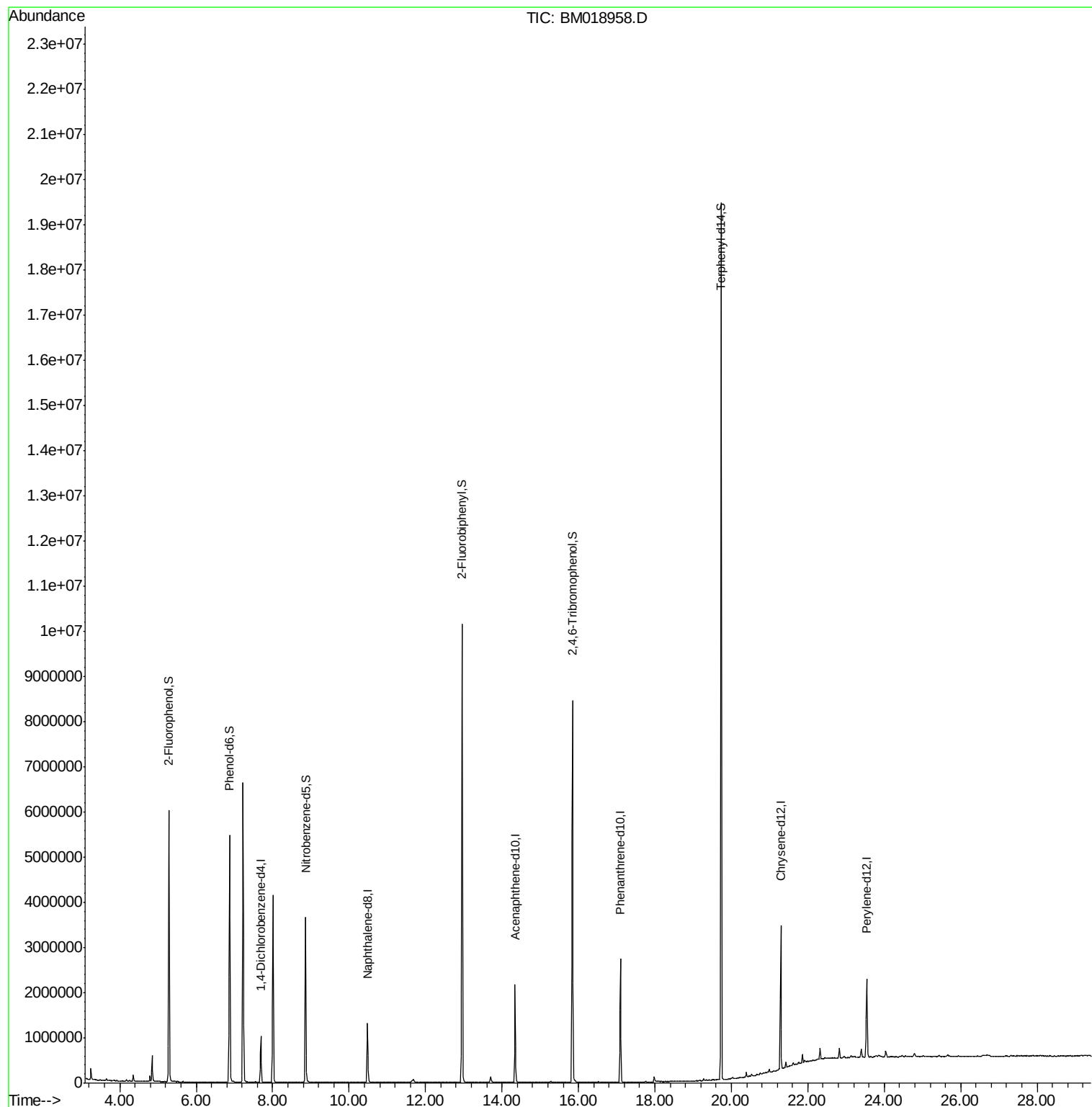
Target Compounds Qvalue

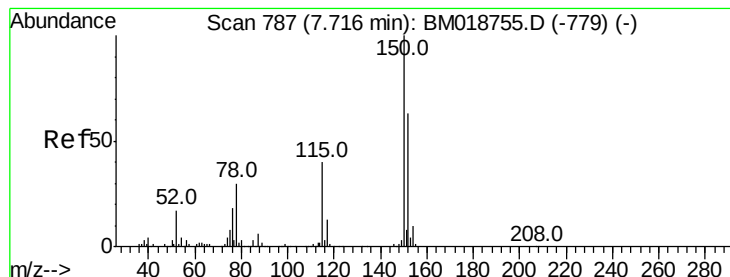
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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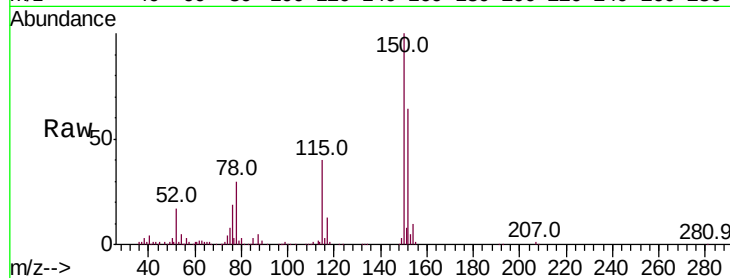


#1

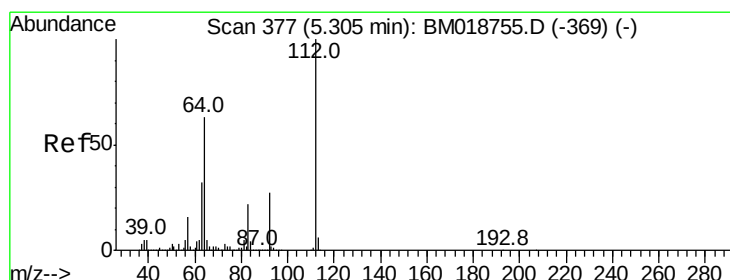
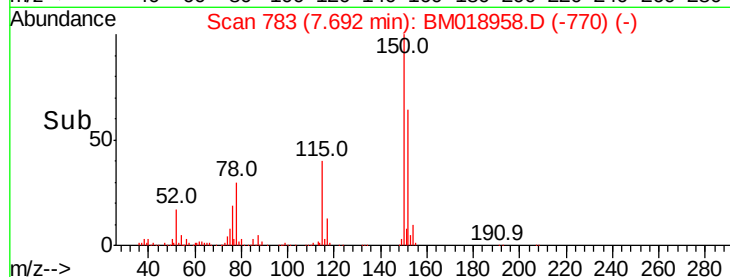
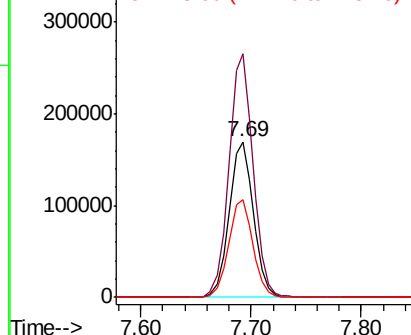
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018958.D
Acq: 27 Feb 2019 20:23

Instrument :
BNA_M
ClientSampleId :
WV-B

Tot Ion:152 Resp: 260575
Ion Ratio Lower Upper
152 100
150 156.4 127.3 190.9
115 63.2 50.8 76.2



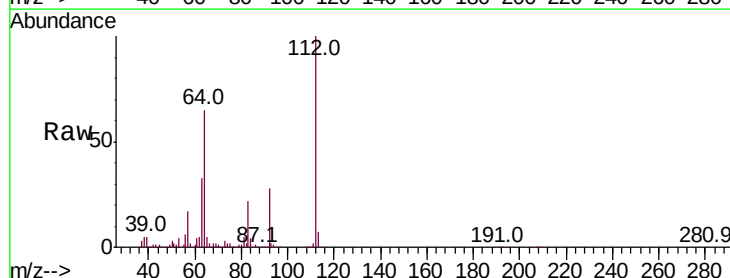
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



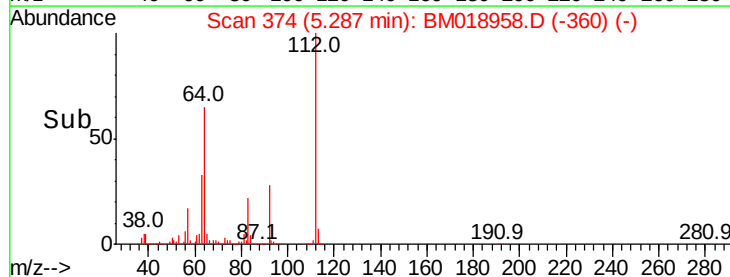
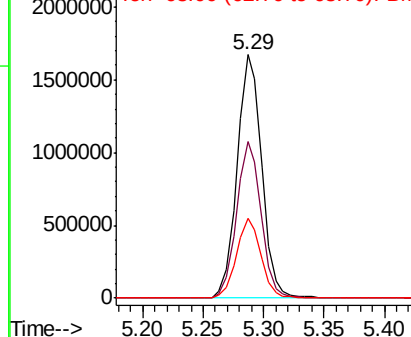
#5

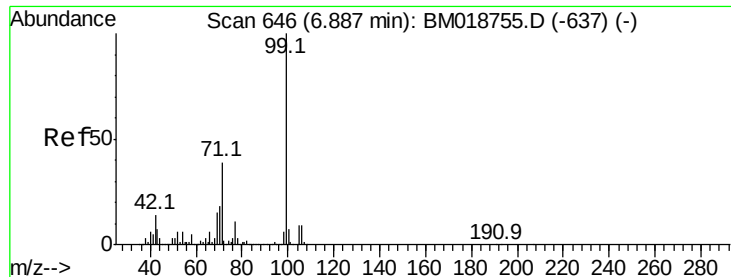
2-Fluorophenol
Concen: 150.012 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018958.D
Acq: 27 Feb 2019 20:23

Tgt Ion:112 Resp: 2385725
Ion Ratio Lower Upper
112 100
64 64.5 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: 143.570 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018958.D

Acq: 27 Feb 2019 20:23

Instrument :

BNA_M

ClientSampled :

WV-B

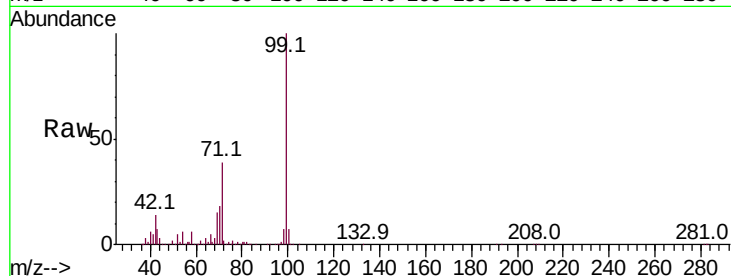
Tot Ion: 99 Resp: 3216564

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

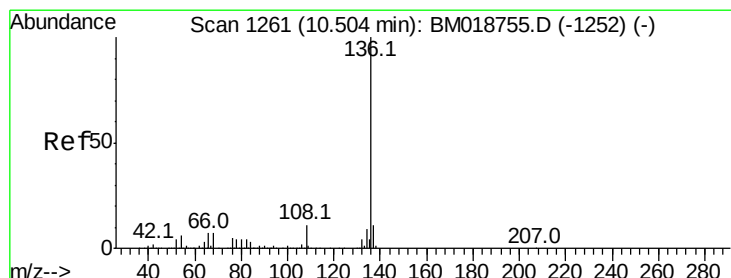
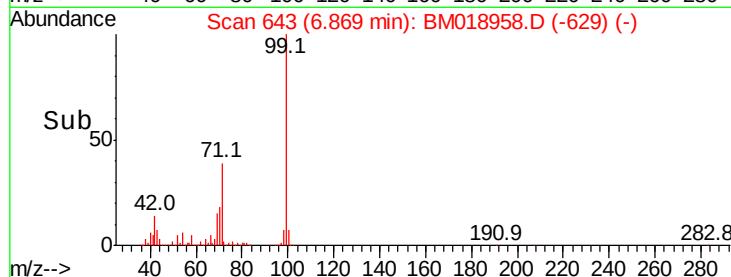
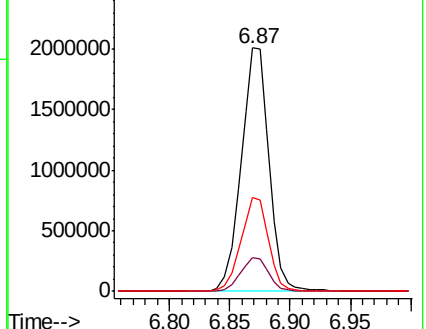
71 38.8 31.3 46.9



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: 10.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BM018958.D

Acq: 27 Feb 2019 20:23

Tgt Ion: 136 Resp: 1102899

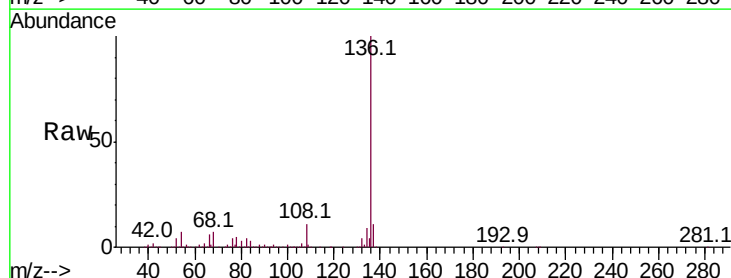
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.1 5.0 7.6

68 7.3 5.5 8.3

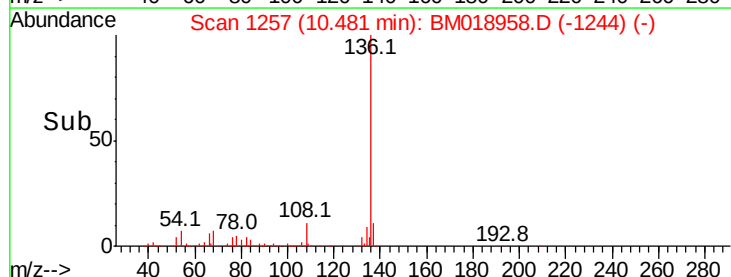
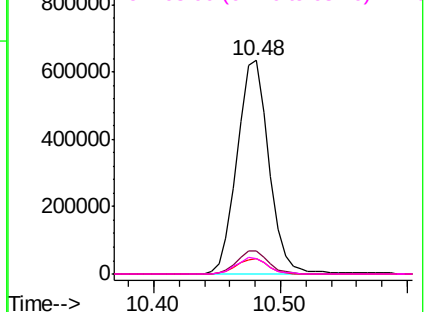


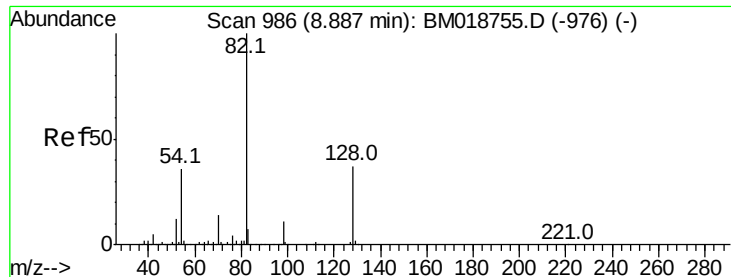
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

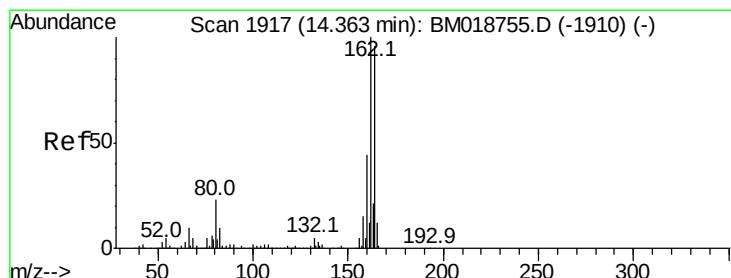
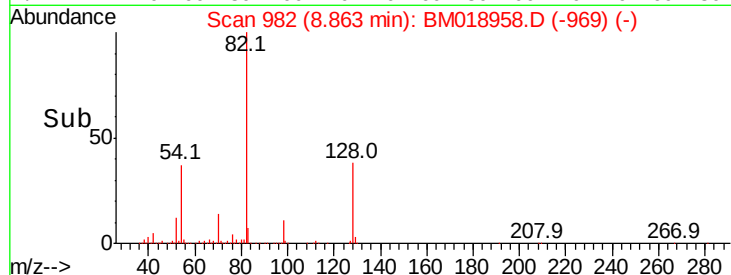
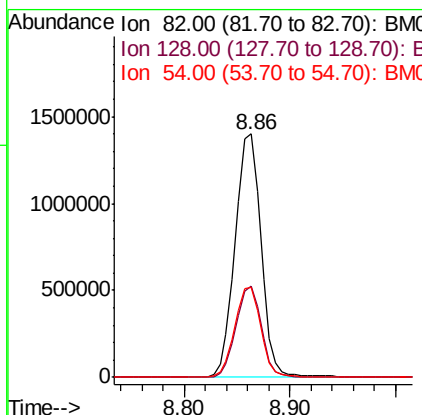
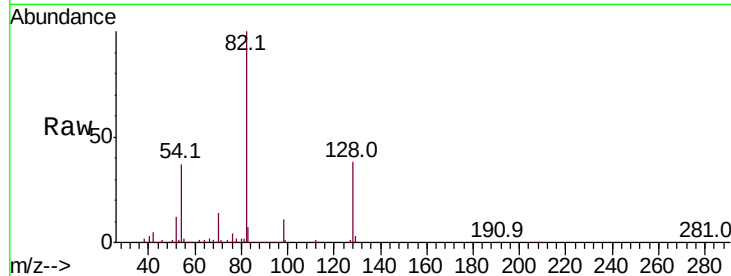




#23
Nitrobenzene-d5
Concen: 99.836 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018958.D
Acq: 27 Feb 2019 20:23

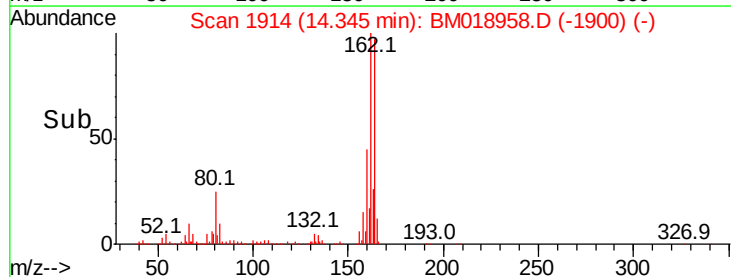
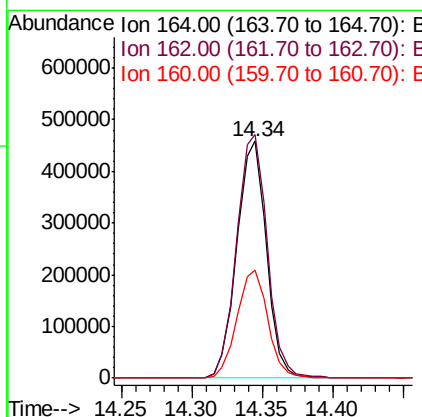
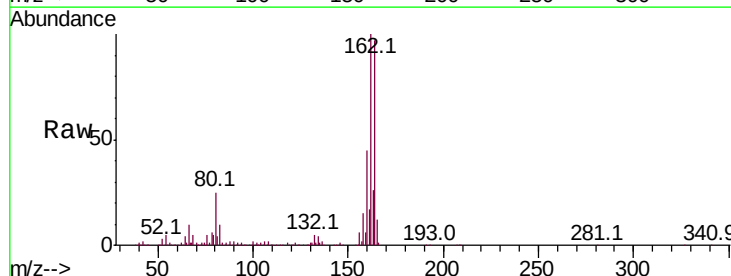
Instrument :
BNA_M
ClientSampleId :
WV-B

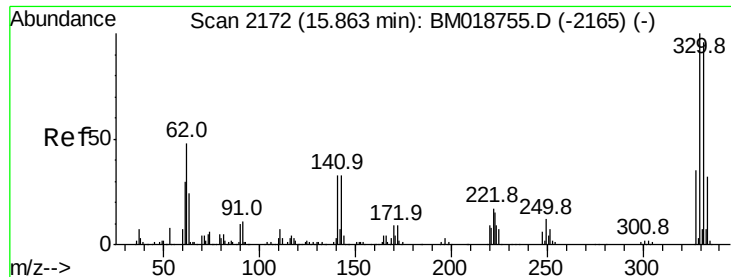
Tot Ion: 82 Resp: 2381328
Ion Ratio Lower Upper
82 100
128 37.5 29.9 44.9
54 37.2 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018958.D
Acq: 27 Feb 2019 20:23

Tgt Ion: 164 Resp: 671018
Ion Ratio Lower Upper
164 100
162 102.8 83.4 125.0
160 45.7 36.6 55.0



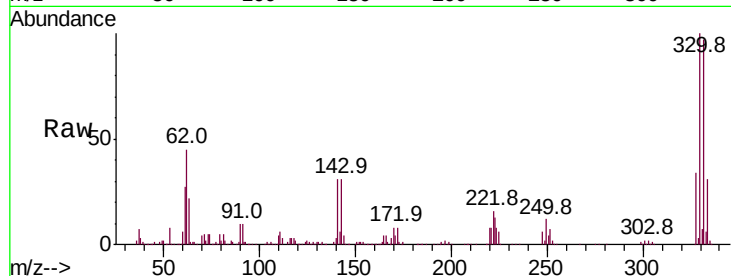


#42
 2,4,6-Tribromophenol
 Concen: 162.960 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018958.D
 Acq: 27 Feb 2019 20:23

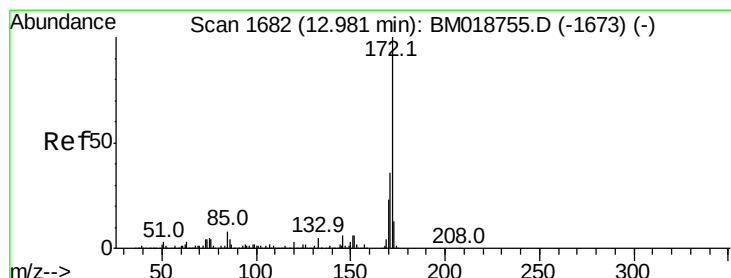
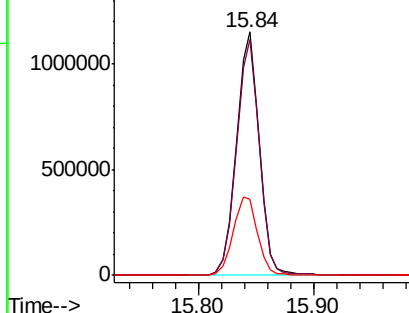
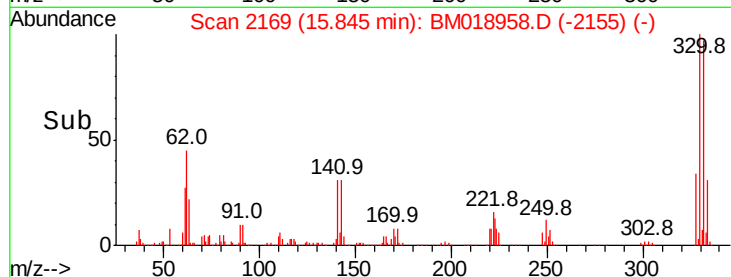
Instrument :
 BNA_M
 ClientSampleId :
 WV-B

Tot Ion:330 Resp: 1576239

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	34.3	28.7	43.1



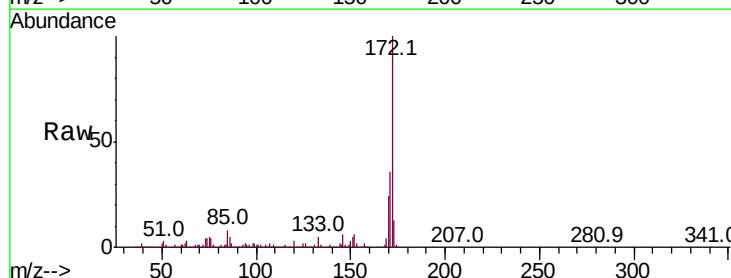
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



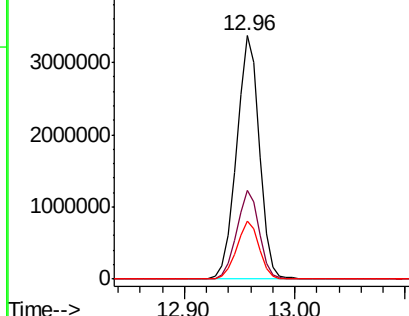
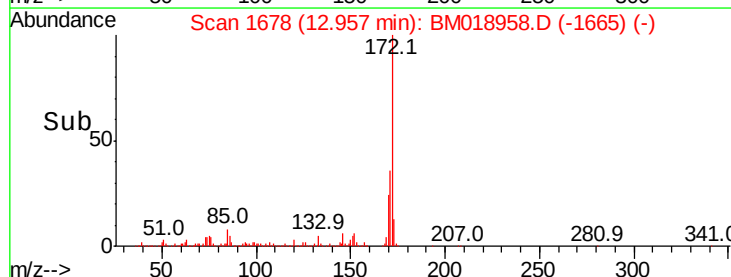
#45
 2-Fluorobiphenyl
 Concen: 96.843 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BM018958.D
 Acq: 27 Feb 2019 20:23

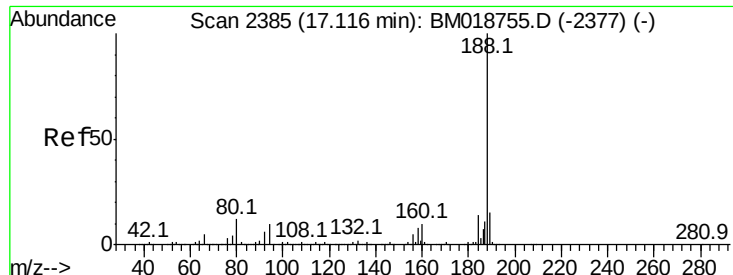
Tgt Ion:172 Resp: 4895264

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	23.6	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: 17.10 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BM018958.D

Acq: 27 Feb 2019 20:23

Instrument :

BNA_M

ClientSampled :

WV-B

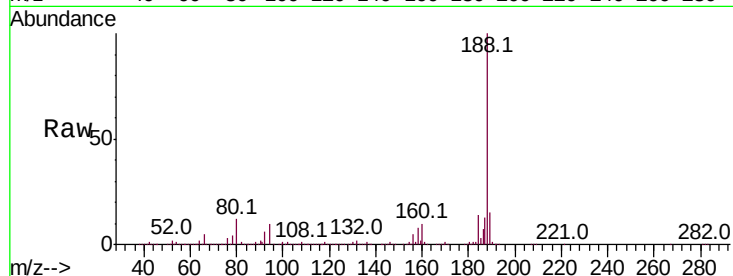
Tot Ion:188 Resp: 1536947

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

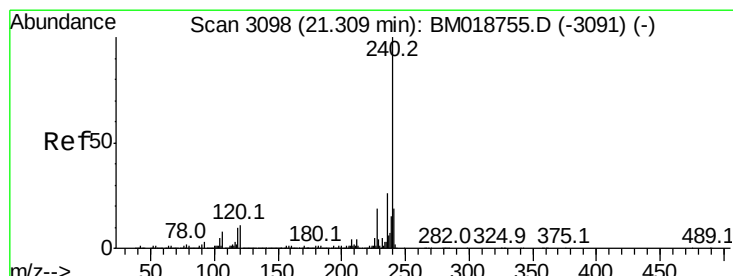
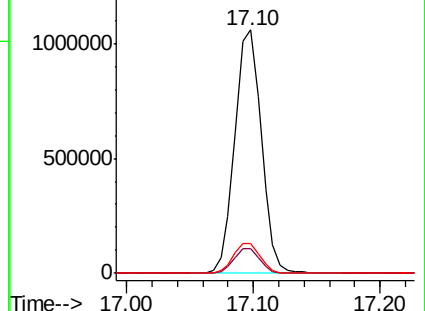
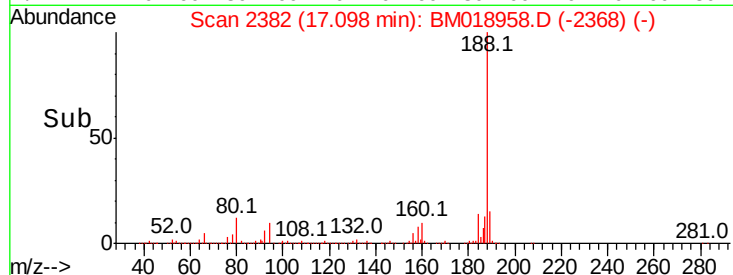
80 12.4 9.7 14.5



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: 21.29 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM018958.D

Acq: 27 Feb 2019 20:23

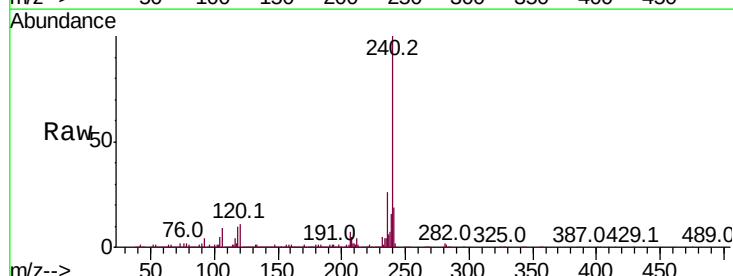
Tgt Ion:240 Resp: 1389466

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

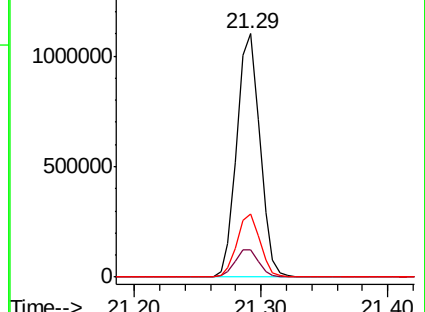
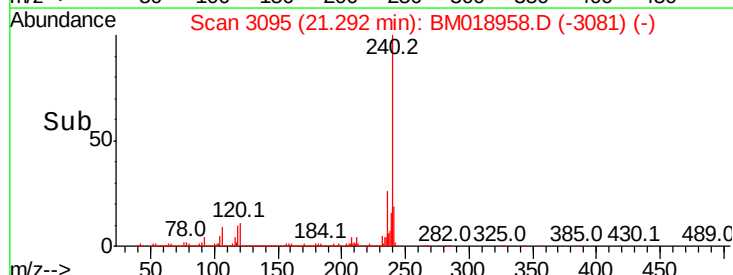
236 26.1 20.9 31.3

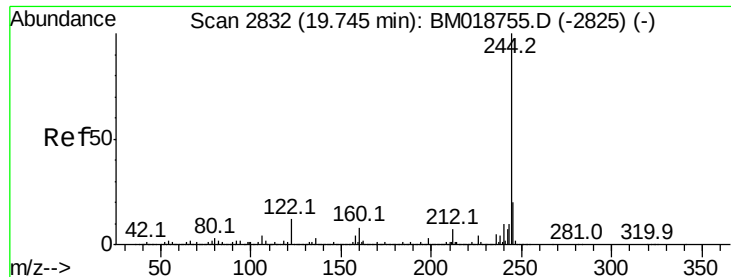


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 121.906 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018958.D

Acq: 27 Feb 2019 20:23

Instrument :

BNA_M

ClientSampled :

WV-B

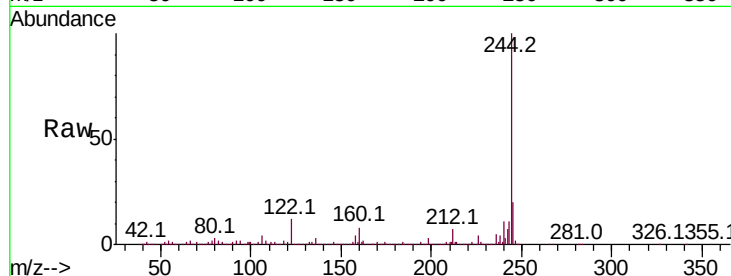
Tot Ion:244 Resp: 8211022

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

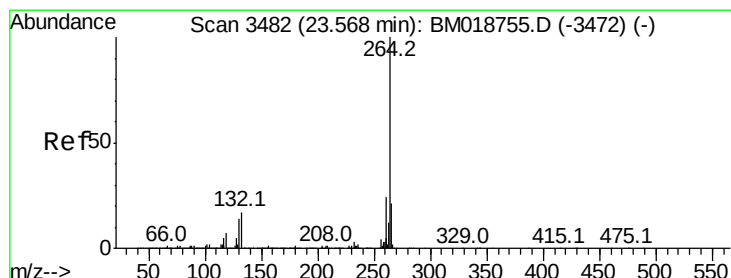
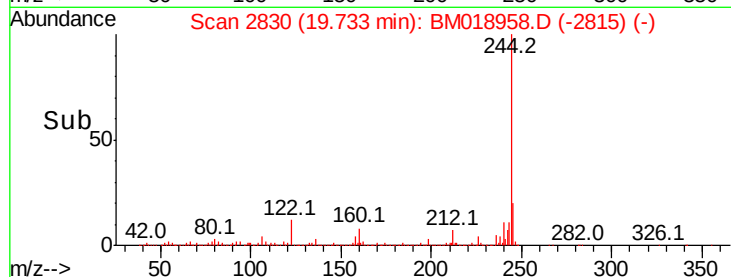
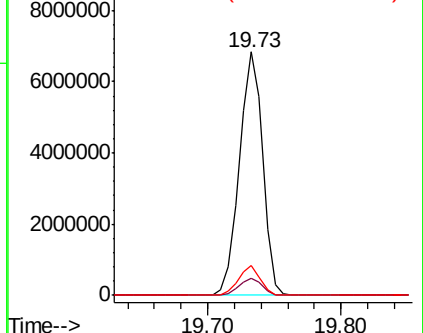
122 12.0 9.3 13.9



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: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018958.D

Acq: 27 Feb 2019 20:23

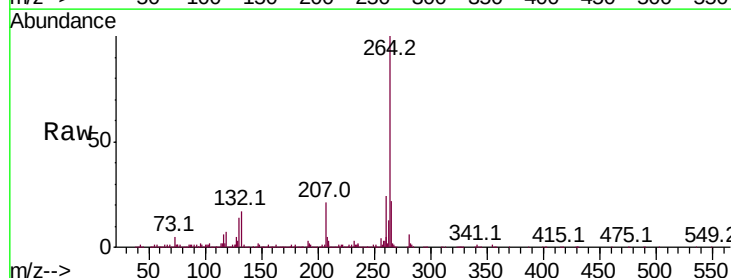
Tgt Ion:264 Resp: 1204675

Ion Ratio Lower Upper

264 100

260 24.5 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

