

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022719\
 Data File : BM018961.D
 Acq On : 27 Feb 2019 22:13
 Operator : JU/SJ
 Sample : K1610-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WV-E

Quant Time: Feb 28 03:16:49 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

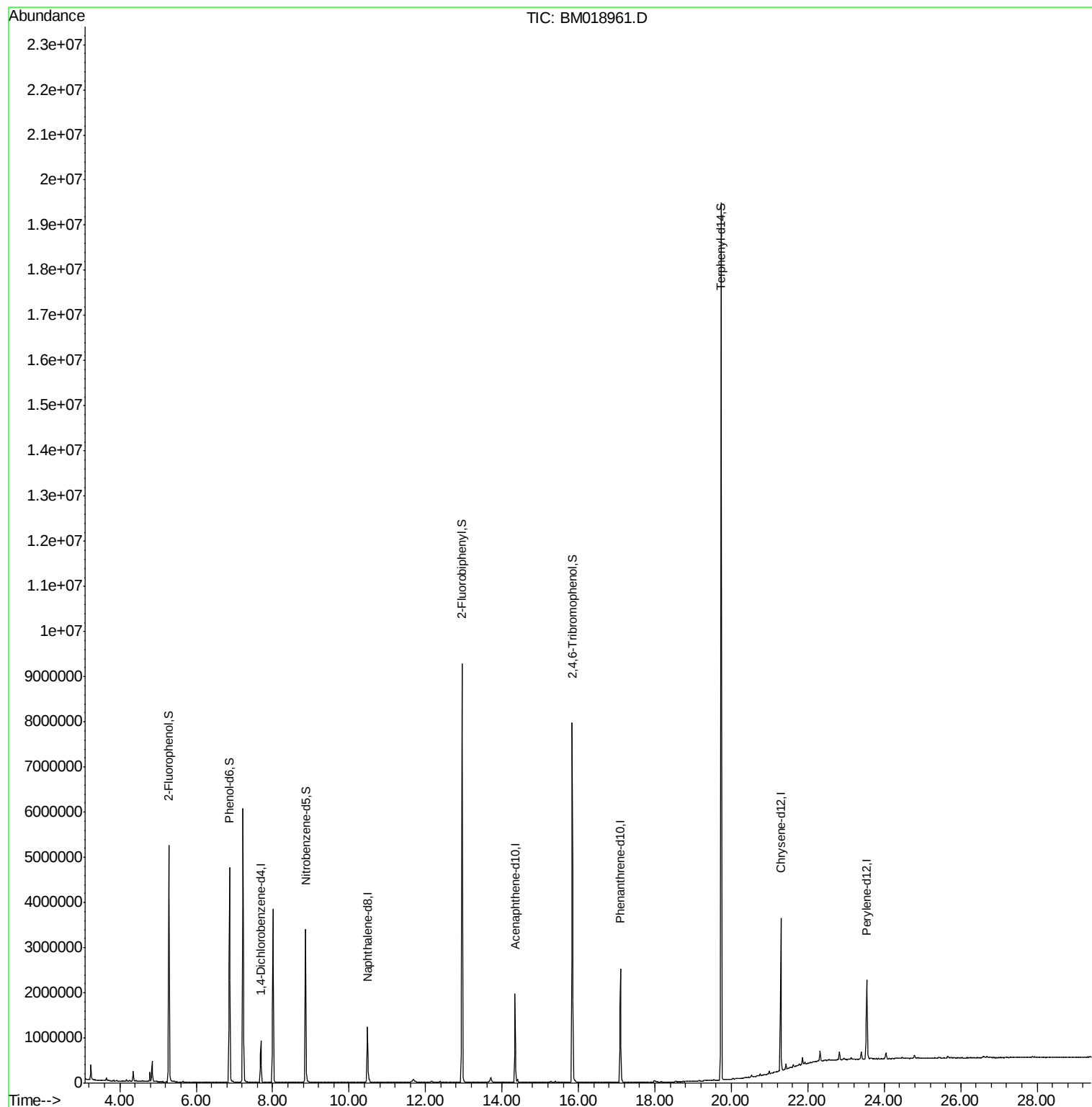
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	238157	20.00	ng	-0.02
21) Naphthalene-d8	10.47	136	1023816	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	623736	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1441067	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1393323	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1209656	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2060696	141.77	ng	-0.02
7) Phenol-d6	6.87	99	2654240	129.62	ng	-0.02
23) Nitrobenzene-d5	8.86	82	2225695	100.52	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1484257	165.08	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	4487484	95.51	ng	-0.02
79) Terphenyl-d14	19.73	244	8141883	120.55	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.87	77	6272	Below Cal	Qvalue #	7

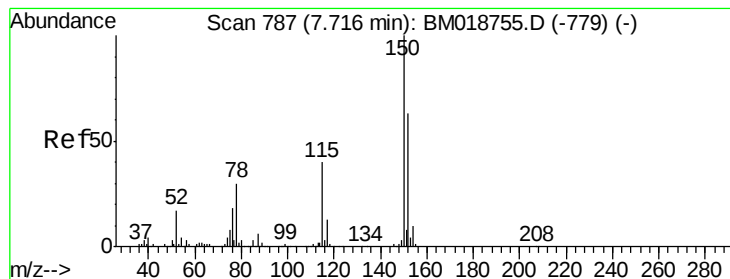
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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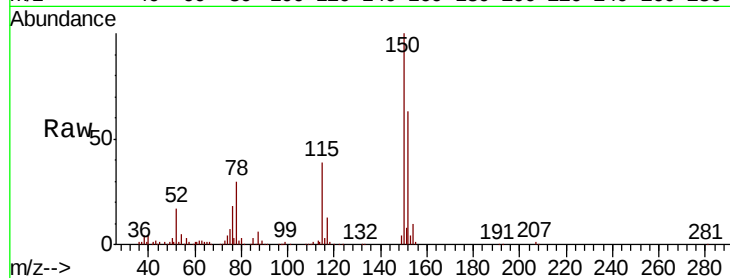


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018961.D
Acq: 27 Feb 2019 22:13

Instrument :
BNA_M
ClientSampleId :
WV-E

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.3	190.9
115	62.5	50.8	76.2

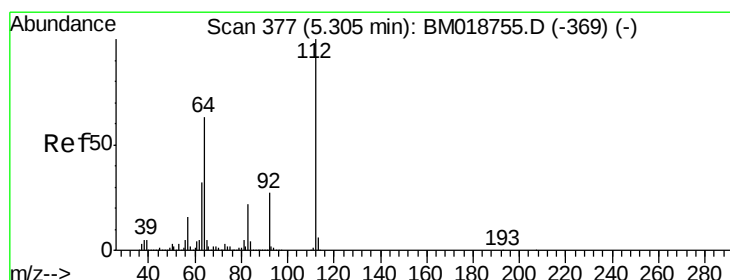
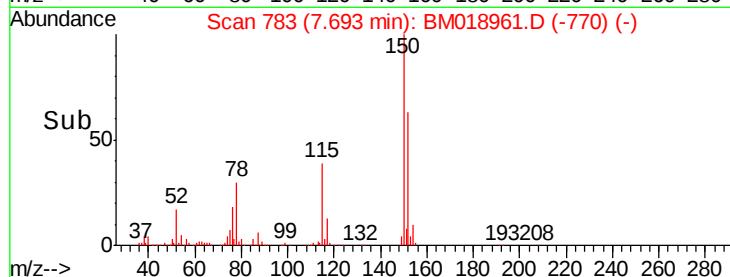
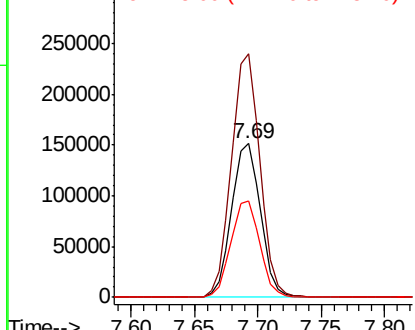


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

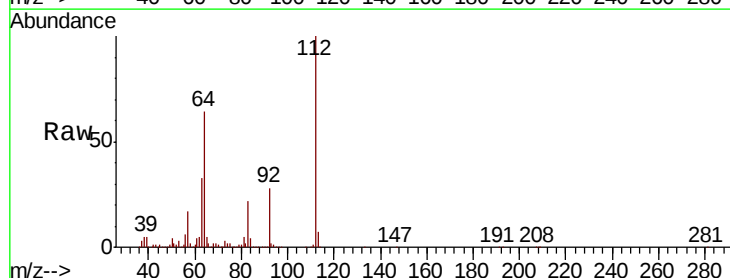
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.772 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018961.D
Acq: 27 Feb 2019 22:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.6	75.8
63	32.6	25.7	38.5

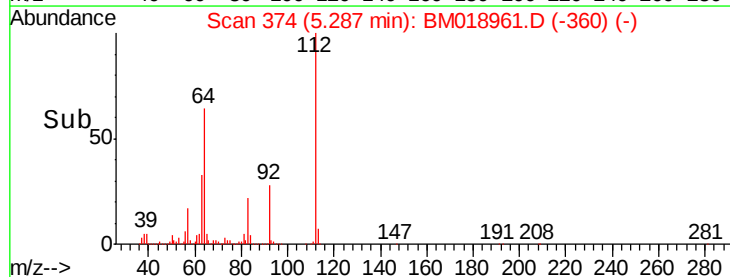
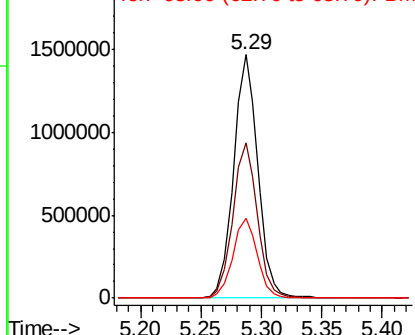


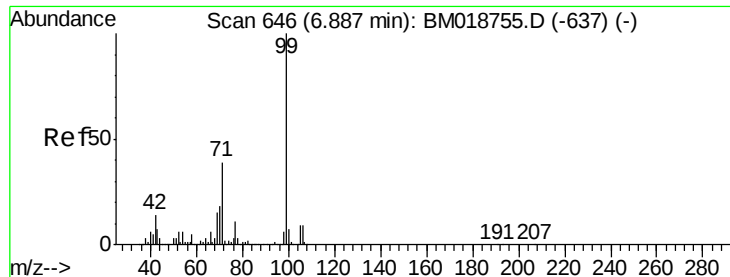
Abundance

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: 129.623 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018961.D

Acq: 27 Feb 2019 22:13

Instrument :

BNA_M

ClientSampleId :

WV-E

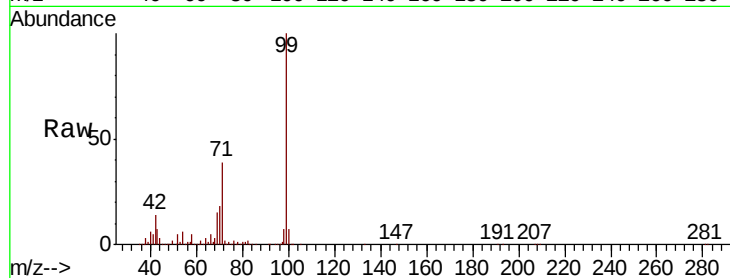
Tgt Ion: 99 Resp: 2654240

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

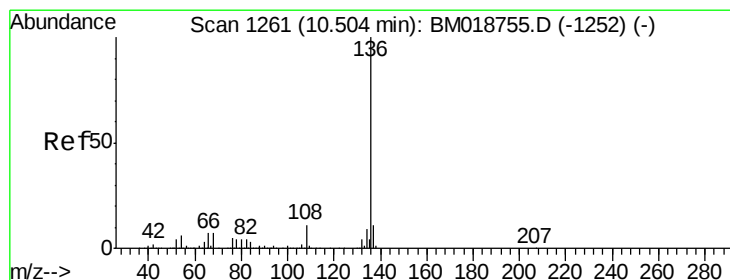
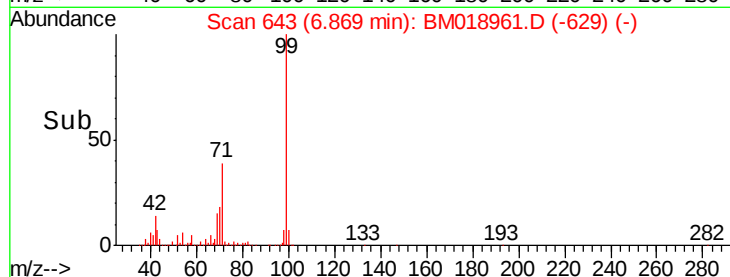
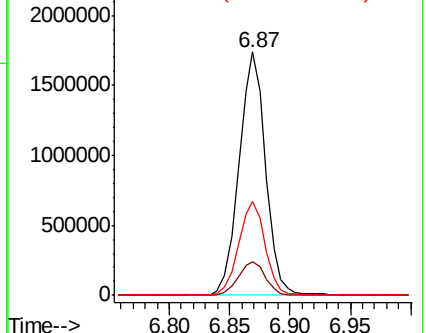
71 38.7 31.3 46.9



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: 10.47 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BM018961.D

Acq: 27 Feb 2019 22:13

Tgt Ion: 136 Resp: 1023816

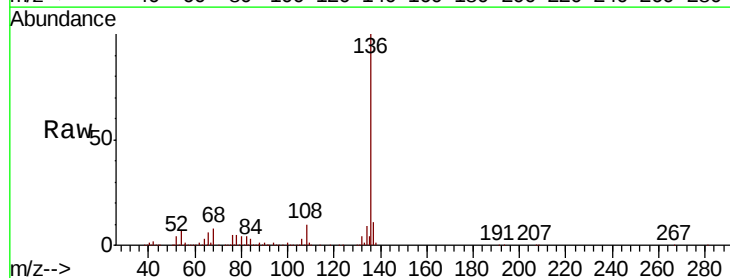
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.1 5.0 7.6

68 8.2 5.5 8.3

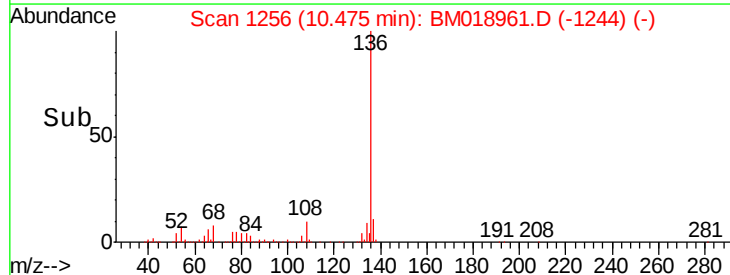
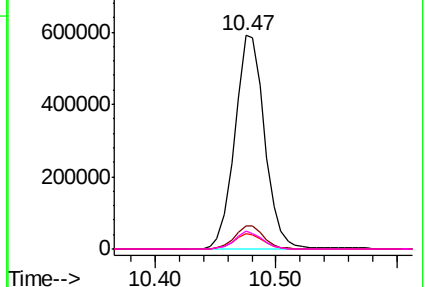


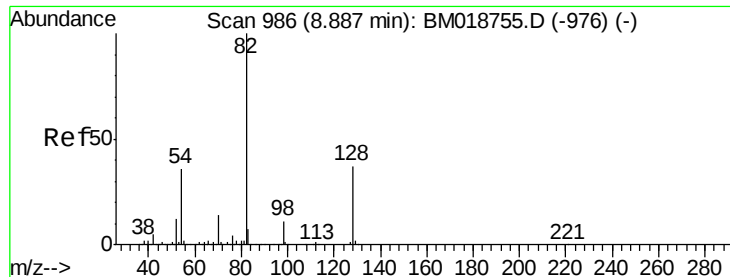
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

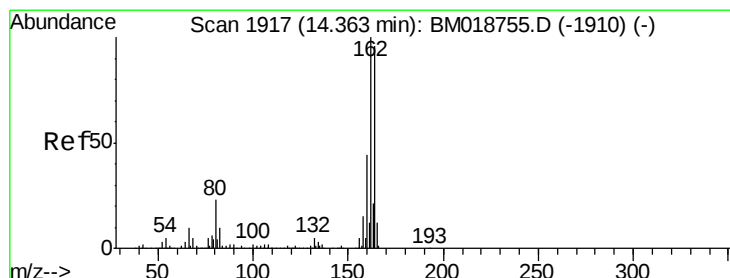
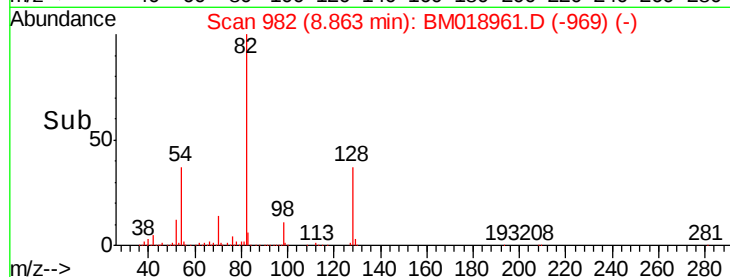
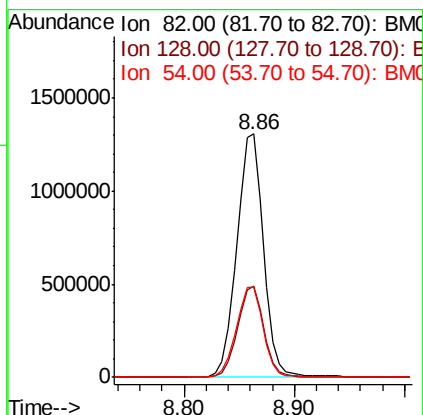
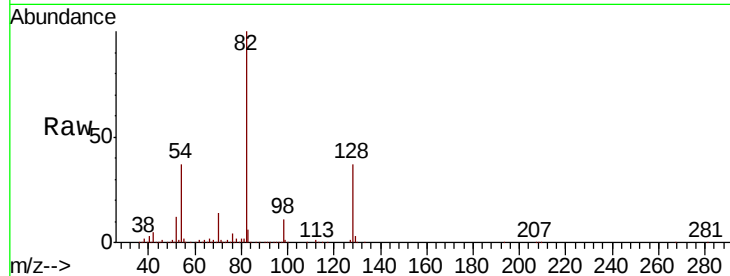




#23
Nitrobenzene-d5
Concen: 100.519 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018961.D
Acq: 27 Feb 2019 22:13

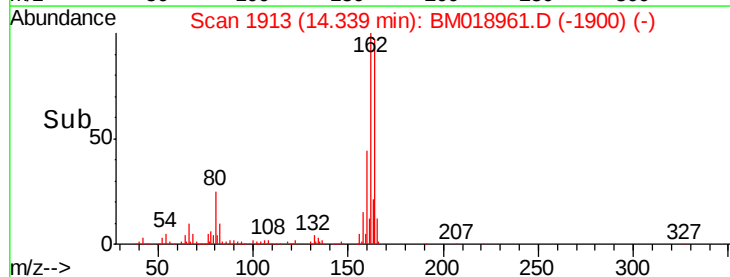
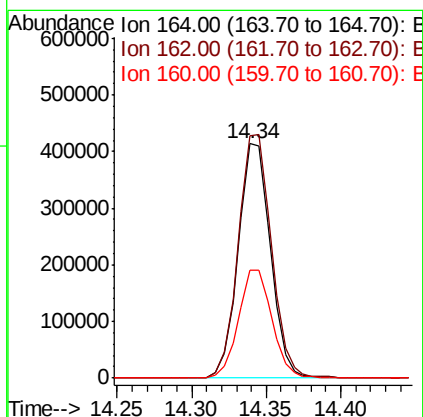
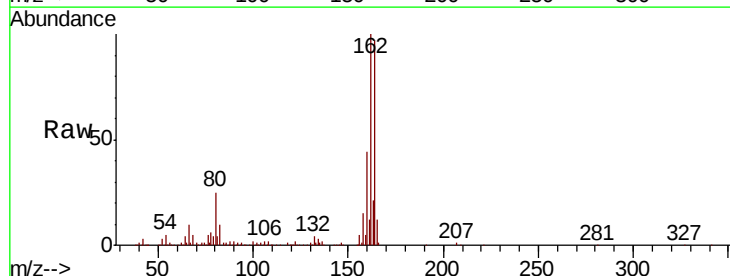
Instrument :
BNA_M
ClientSampleId :
WV-E

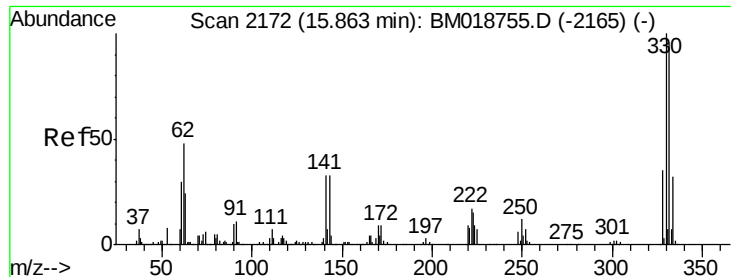
Tgt Ion: 82 Resp: 2225695
Ion Ratio Lower Upper
82 100
128 37.3 29.9 44.9
54 36.8 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018961.D
Acq: 27 Feb 2019 22:13

Tgt Ion: 164 Resp: 623736
Ion Ratio Lower Upper
164 100
162 103.2 83.4 125.0
160 45.8 36.6 55.0

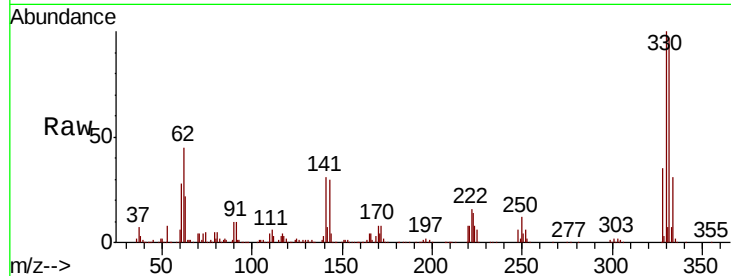




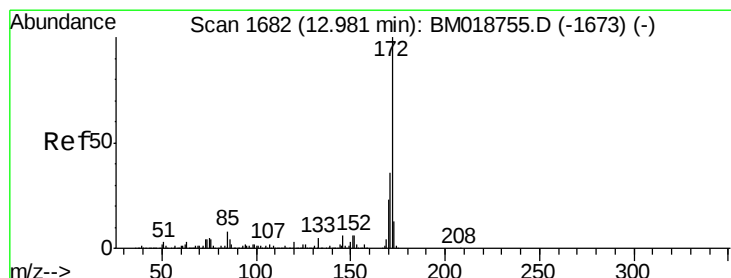
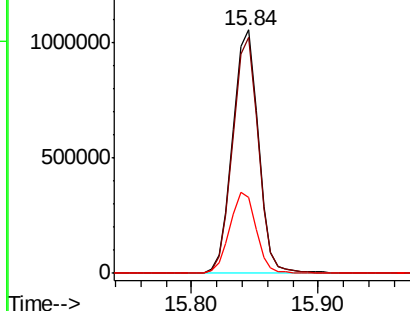
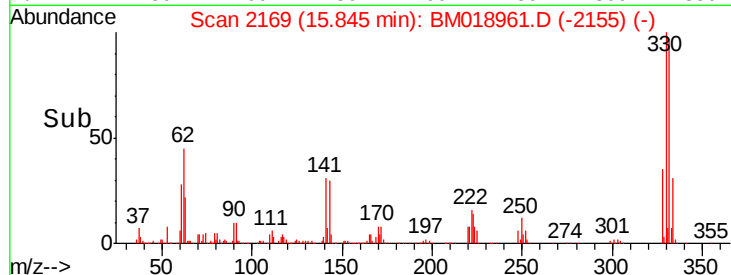
#42
 2,4,6-Tribromophenol
 Concen: 165.083 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018961.D
 Acq: 27 Feb 2019 22:13

Instrument :
 BNA_M
 ClientSampleId :
 WV-E

Tgt Ion:330 Resp: 1484257
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 34.3 28.7 43.1

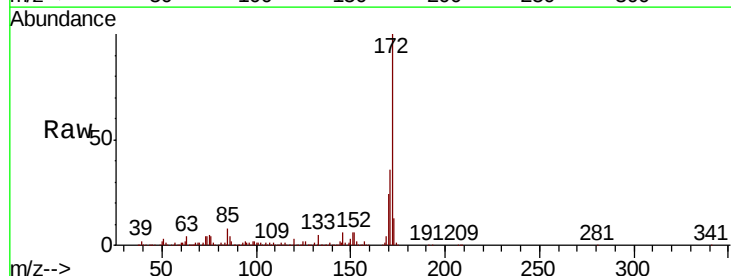


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

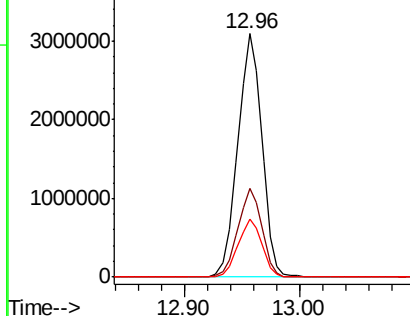
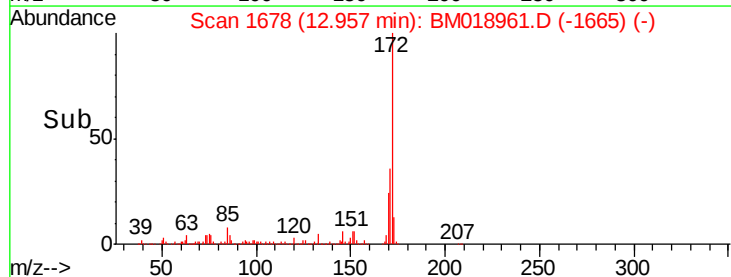


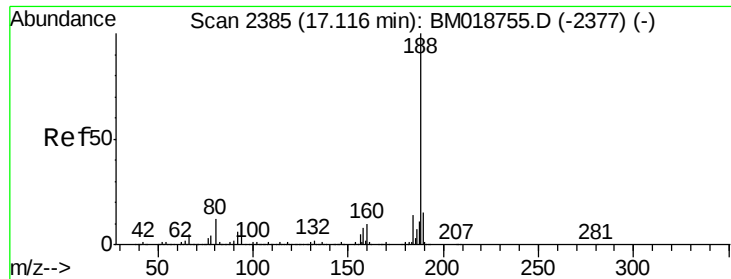
#45
 2-Fluorobiphenyl
 Concen: 95.506 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BM018961.D
 Acq: 27 Feb 2019 22:13

Tgt Ion:172 Resp: 4487484
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 23.8 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

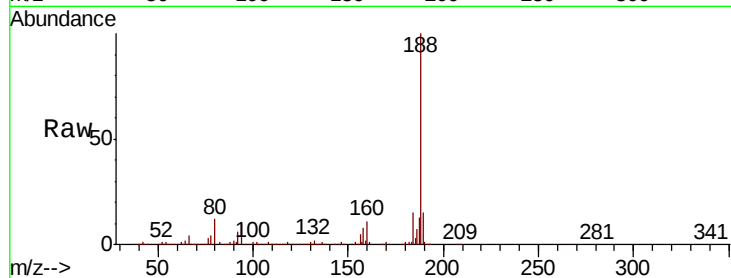




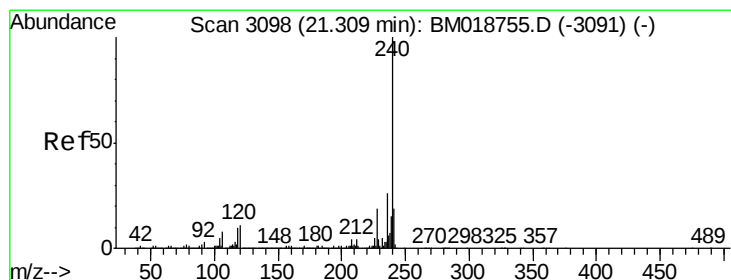
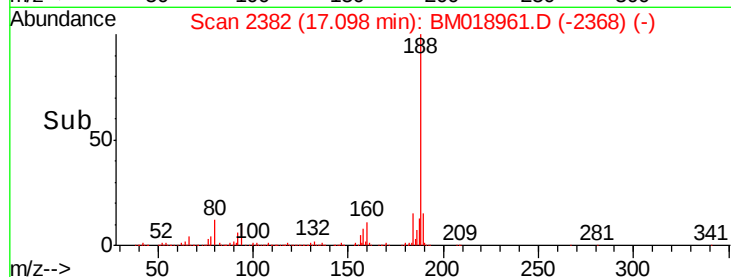
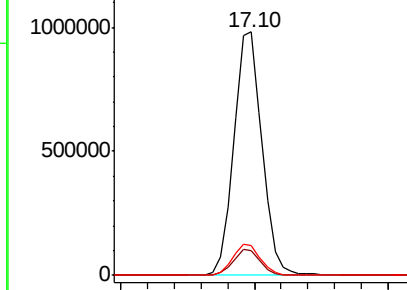
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018961.D
Acq: 27 Feb 2019 22:13

Instrument :
BNA_M
ClientSampled :
WV-E

Tgt Ion:188 Resp: 1441067
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 12.2 9.7 14.5

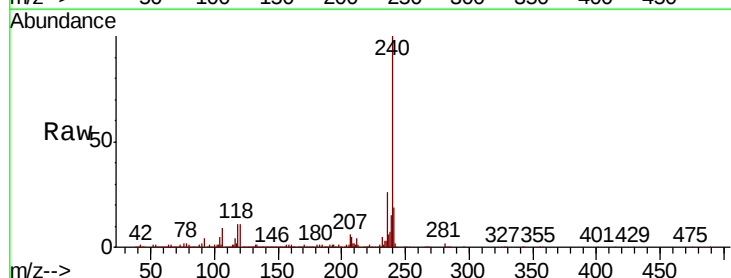


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

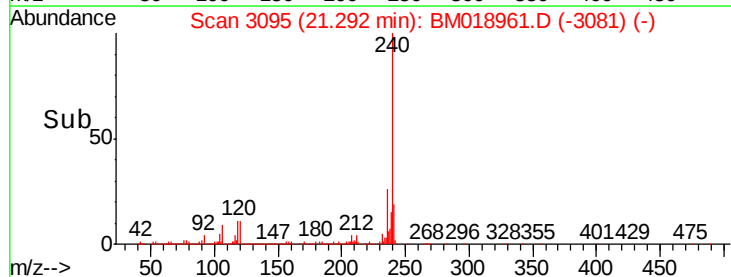
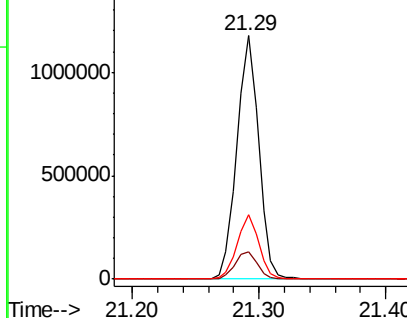


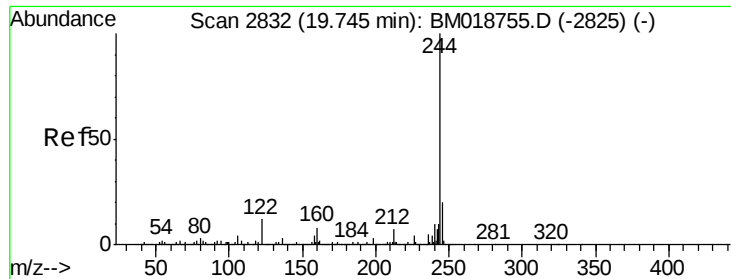
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018961.D
Acq: 27 Feb 2019 22:13

Tgt Ion:240 Resp: 1393323
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.3 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: 120.545 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018961.D

Acq: 27 Feb 2019 22:13

Instrument :

BNA_M

ClientSampleId :

WV-E

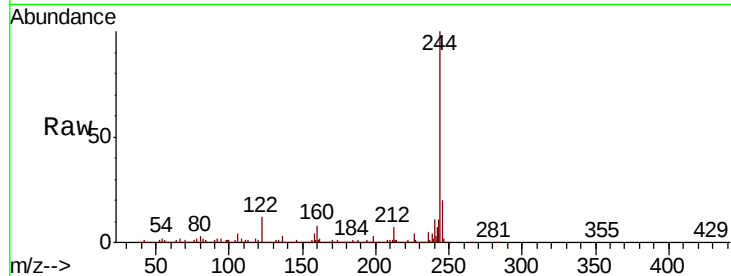
Tgt Ion:244 Resp: 8141883

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

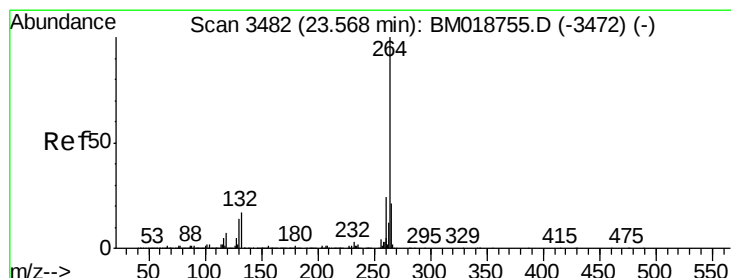
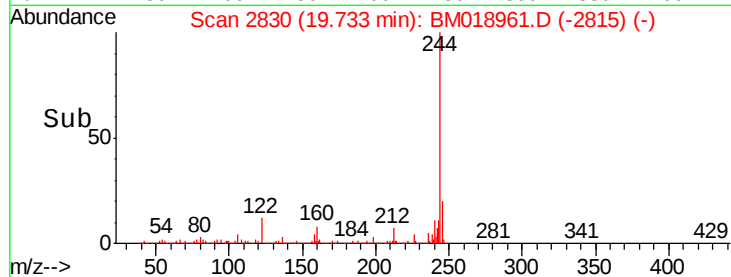
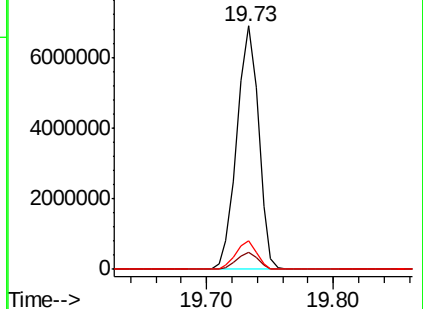
122 11.5 9.3 13.9



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: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018961.D

Acq: 27 Feb 2019 22:13

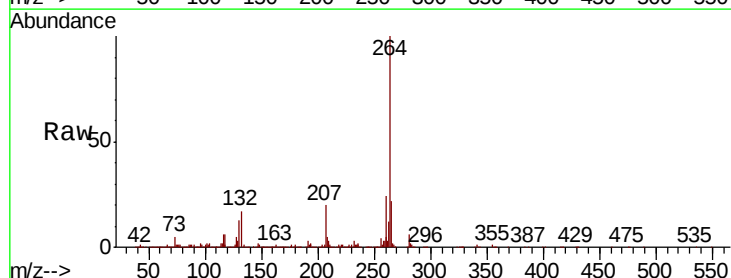
Tgt Ion:264 Resp: 1209656

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.7 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

