

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
 Data File : BM018980.D
 Acq On : 28 Feb 2019 21:38
 Operator : JU/SJ
 Sample : K1358-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-022719

Quant Time: Mar 01 01:14:55 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

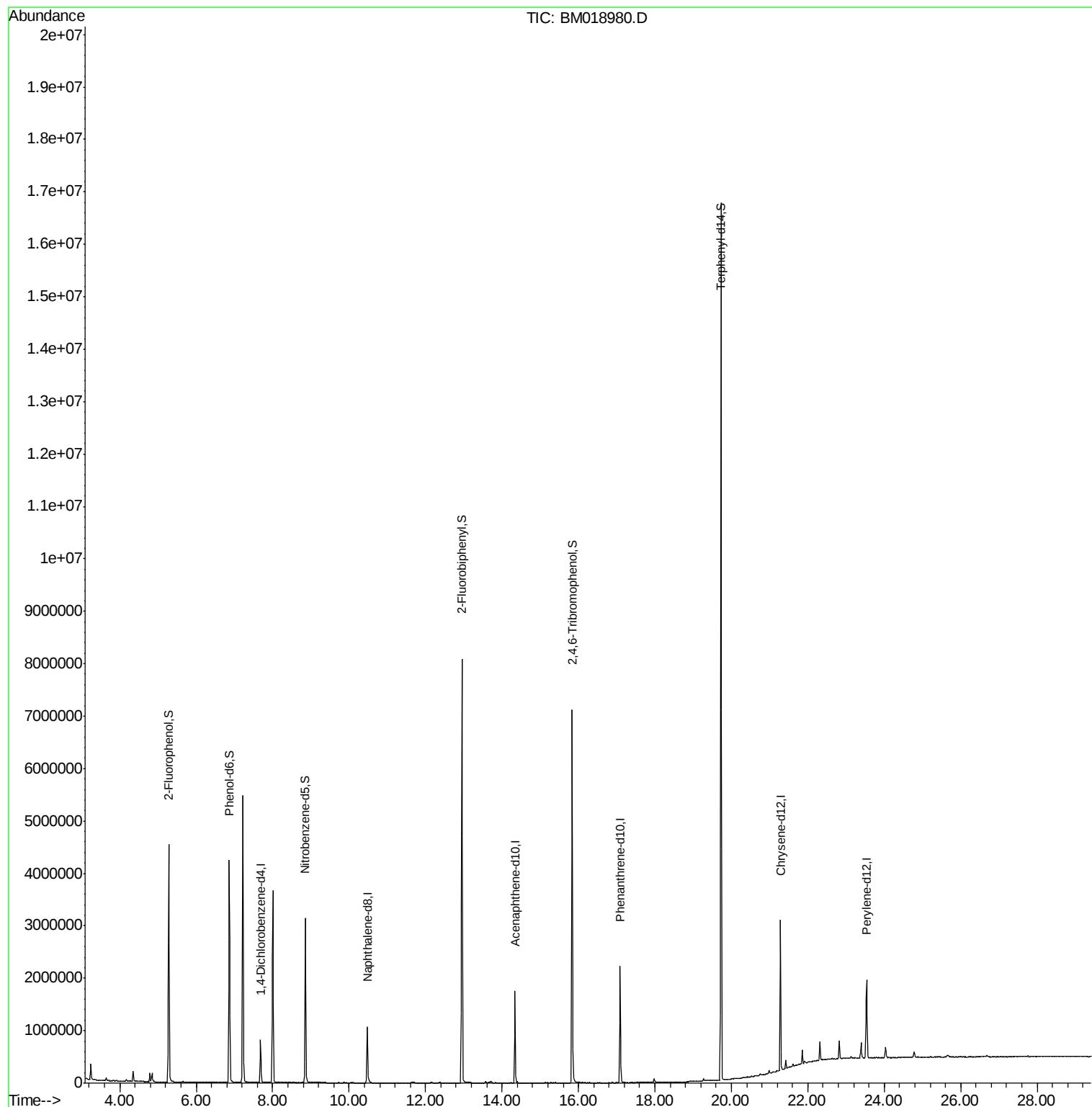
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	207912	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	871847	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	526023	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1213105	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1188690	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1049723	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1878972	148.07	ng	-0.02
7) Phenol-d6	6.86	99	2461702	137.71	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1970869	104.53	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1302816	171.82	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	4073403	102.80	ng	-0.03
79) Terphenyl-d14	19.73	244	7163736	124.32	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	6020	Below Cal	Qvalue #	7

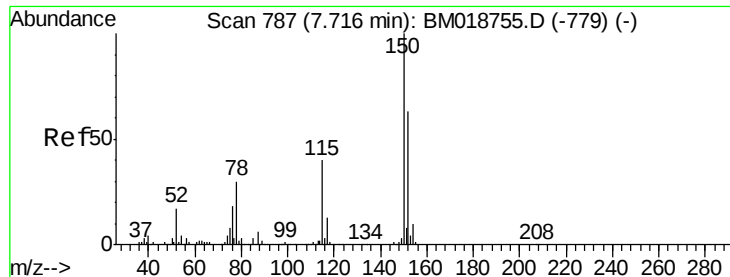
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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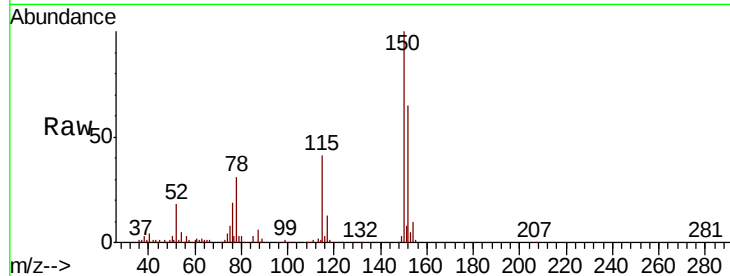


#1

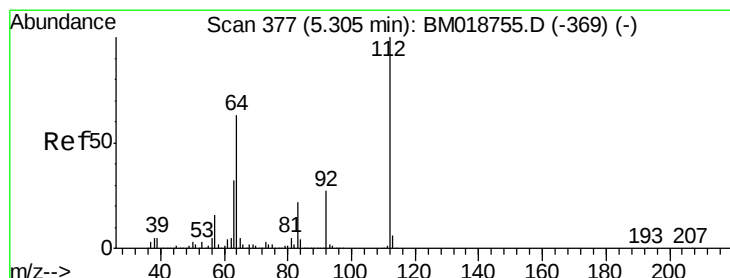
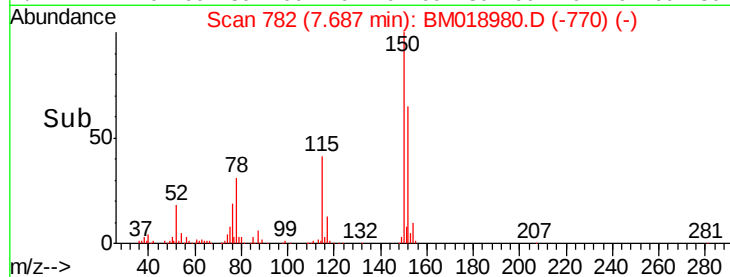
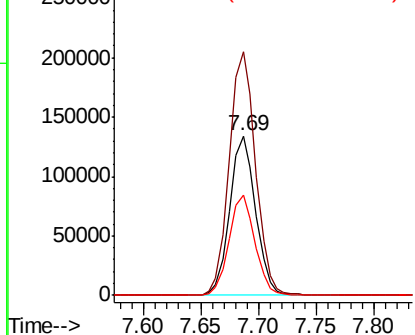
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.69 min Scan# 782
 Delta R.T. -0.03 min
 Lab File: BM018980.D
 Acq: 28 Feb 2019 21:38

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-022719

Tgt Ion:152 Resp: 207912
 Ion Ratio Lower Upper
 152 100
 150 152.8 127.3 190.9
 115 63.1 50.8 76.2



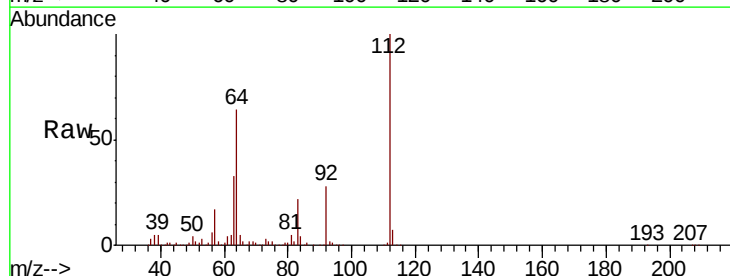
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



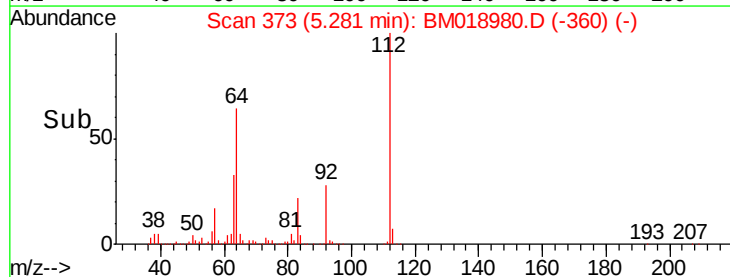
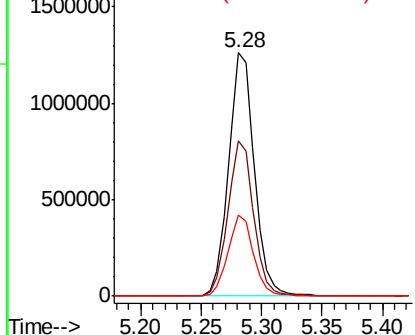
#5

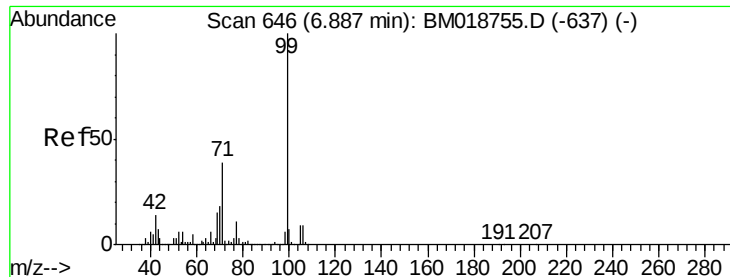
2-Fluorophenol
 Concen: 148.075 ng
 RT: 5.28 min Scan# 373
 Delta R.T. -0.02 min
 Lab File: BM018980.D
 Acq: 28 Feb 2019 21:38

Tgt Ion:112 Resp: 1878972
 Ion Ratio Lower Upper
 112 100
 64 63.8 50.6 75.8
 63 33.2 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: 137.708 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018980.D

Acq: 28 Feb 2019 21:38

Instrument :

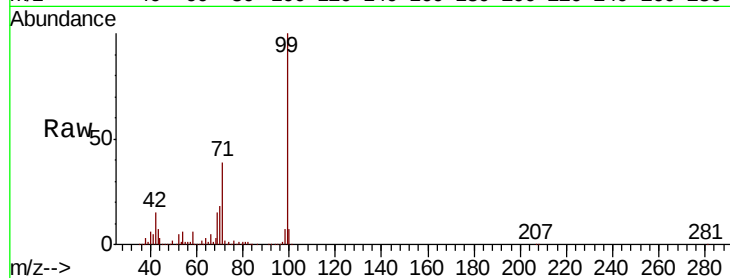
BNA_M

ClientSampleId :

TR-05-022719

Tgt Ion: 99 Resp: 2461702

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.0	16.6
71	38.5	31.3	46.9

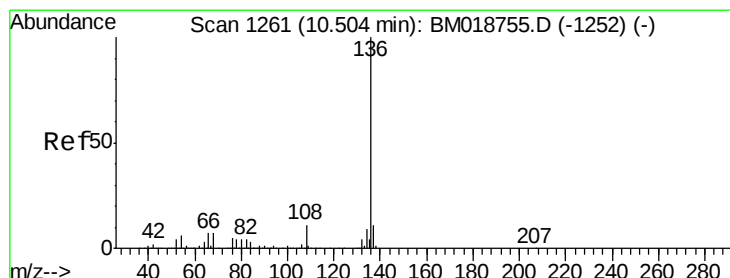
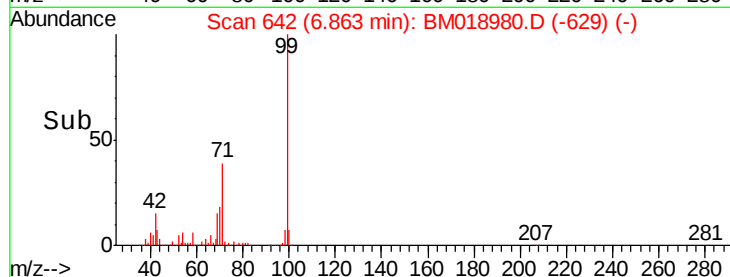
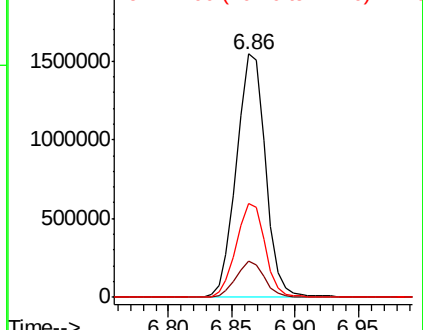


Abundance

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: BM018980.D

Acq: 28 Feb 2019 21:38

Tgt Ion: 136 Resp: 871847

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.0	5.0	7.6
68	7.4	5.5	8.3

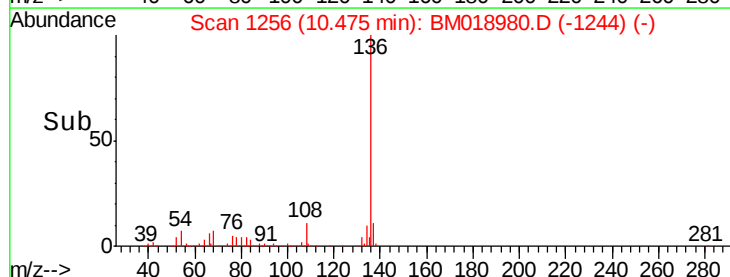
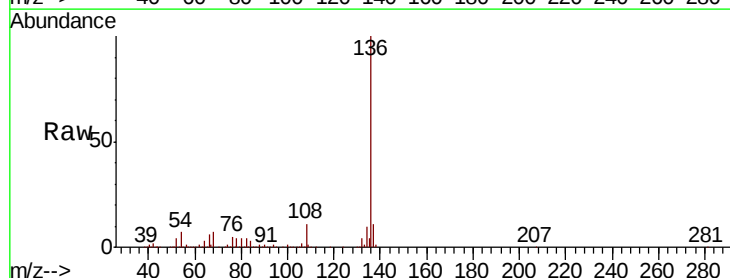
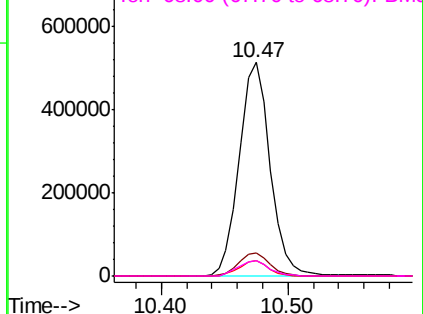
Abundance

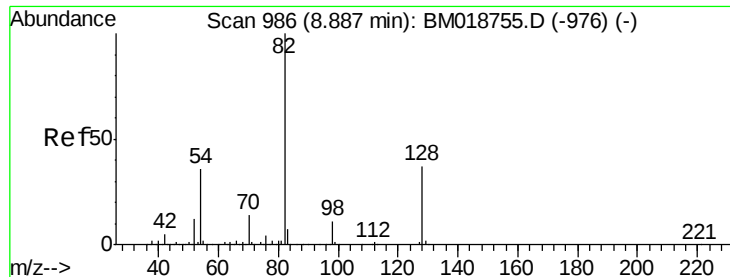
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

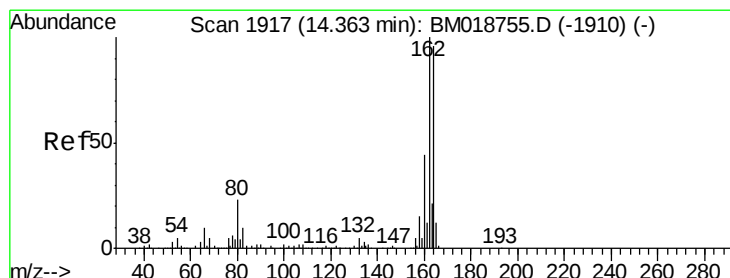
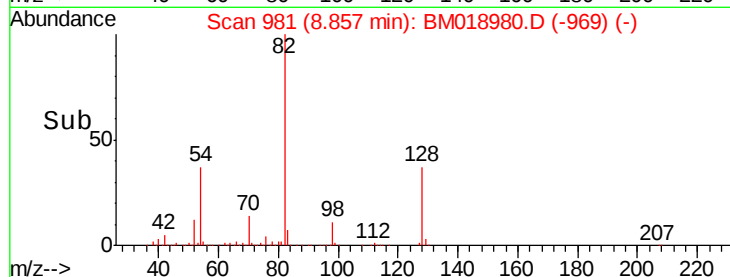
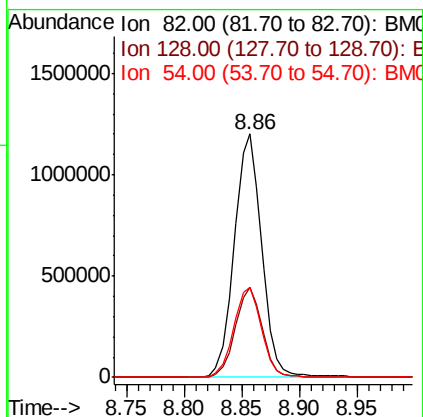
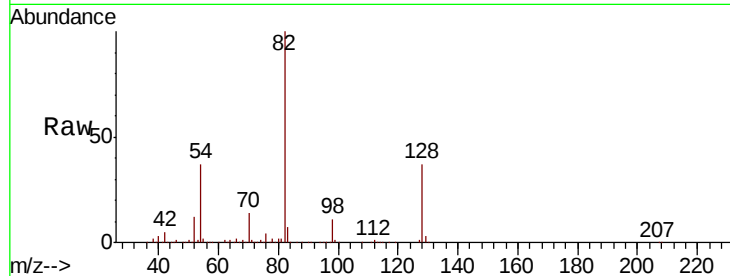




#23
 Nitrobenzene-d5
 Concen: 104.526 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.03 min
 Lab File: BM018980.D
 Acq: 28 Feb 2019 21:38

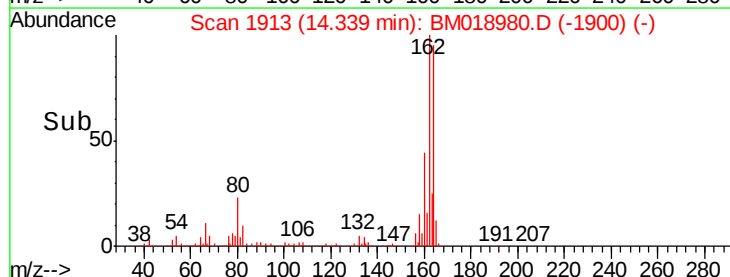
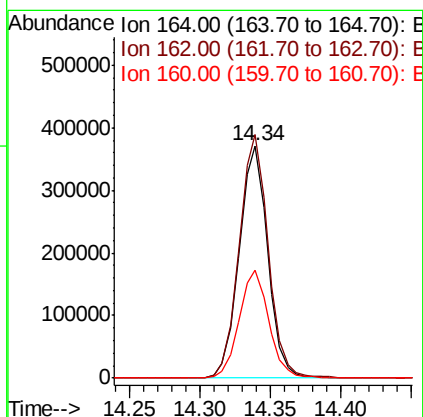
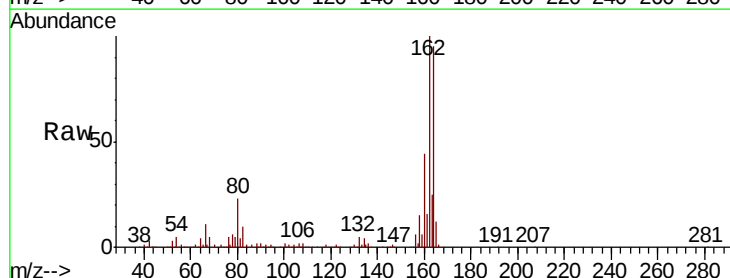
Instrument :
 BNA_M
 ClientSampleId :
 TR-05-022719

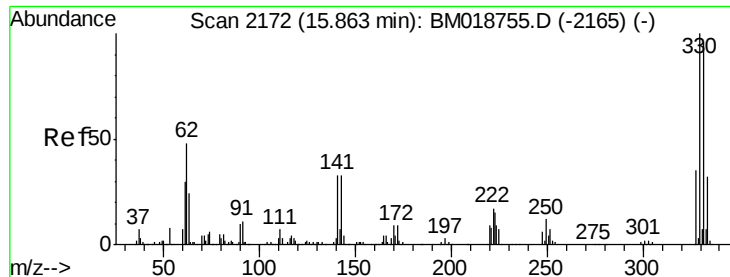
Tgt Ion: 82 Resp: 1970869
 Ion Ratio Lower Upper
 82 100
 128 36.9 29.9 44.9
 54 37.0 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM018980.D
 Acq: 28 Feb 2019 21:38

Tgt Ion: 164 Resp: 526023
 Ion Ratio Lower Upper
 164 100
 162 104.7 83.4 125.0
 160 46.5 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 171.819 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018980.D

Acq: 28 Feb 2019 21:38

Instrument :

BNA_M

ClientSampleId :

TR-05-022719

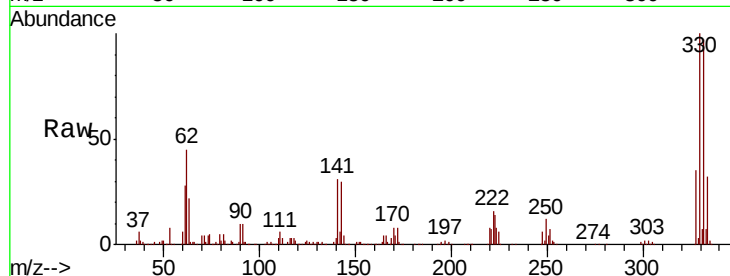
Tgt Ion:330 Resp: 1302816

Ion Ratio Lower Upper

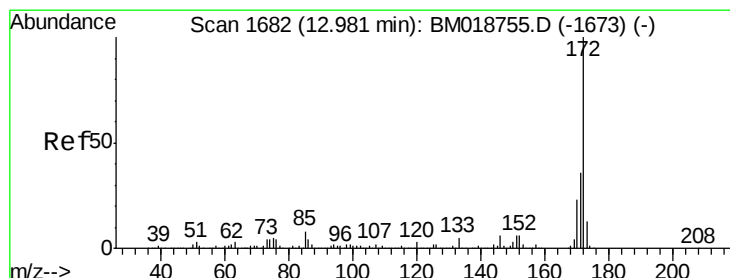
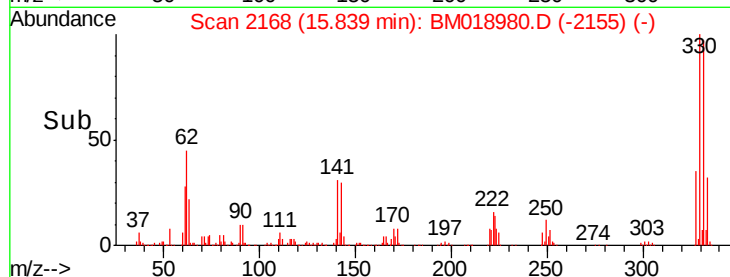
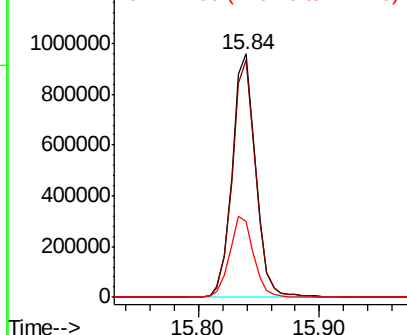
330 100

332 97.2 76.9 115.3

141 34.2 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: 102.797 ng

RT: 12.95 min Scan# 1677

Delta R.T. -0.03 min

Lab File: BM018980.D

Acq: 28 Feb 2019 21:38

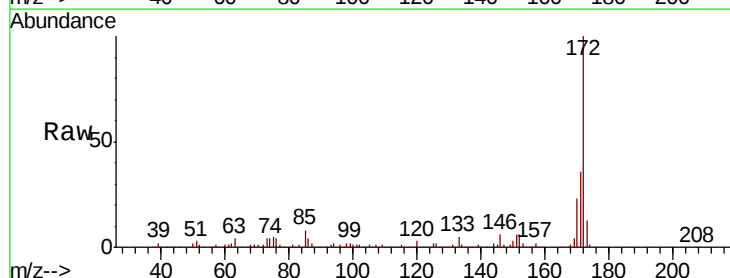
Tgt Ion:172 Resp: 4073403

Ion Ratio Lower Upper

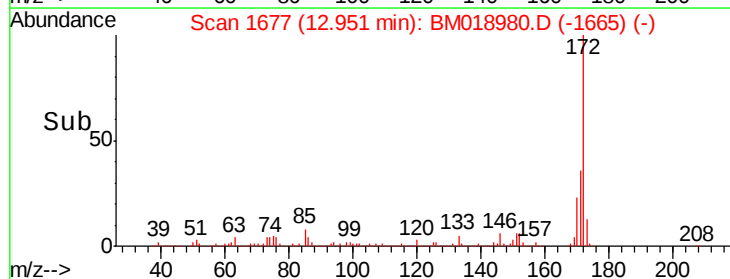
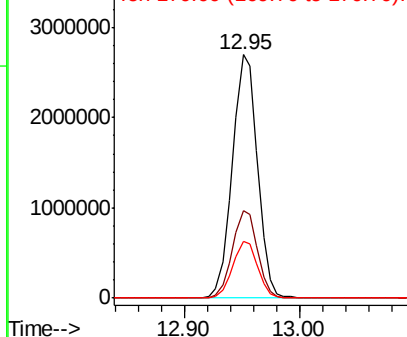
172 100

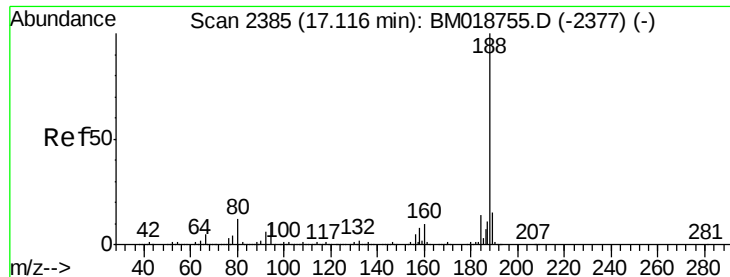
171 35.9 29.0 43.6

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: 17.09 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM018980.D

Acq: 28 Feb 2019 21:38

Instrument :

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ClientSampleId :

TR-05-022719

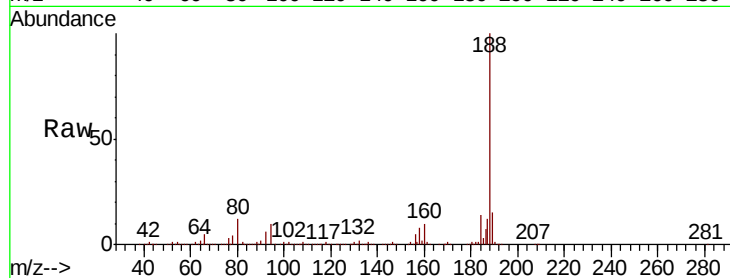
Tgt Ion:188 Resp: 1213105

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

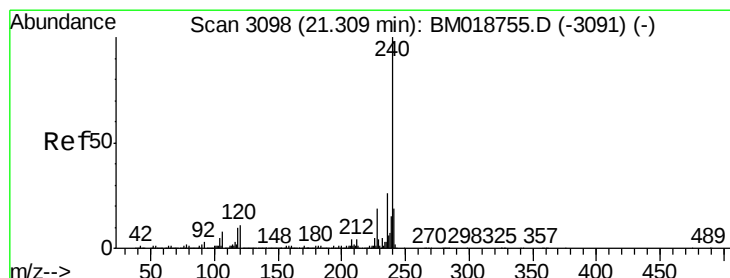
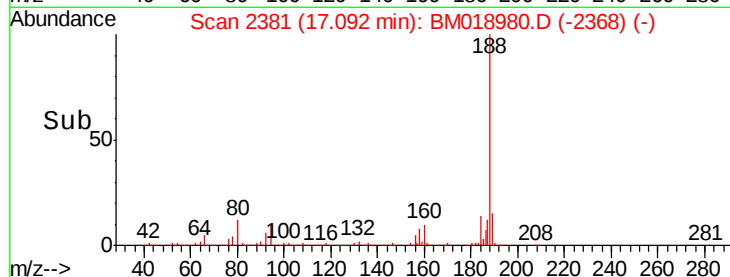
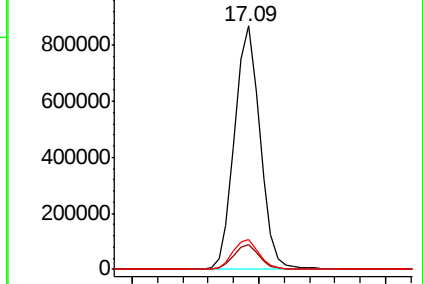
80 12.0 9.7 14.5



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# 3094

Delta R.T. -0.02 min

Lab File: BM018980.D

Acq: 28 Feb 2019 21:38

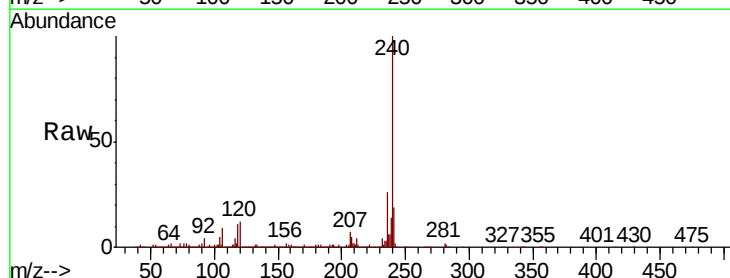
Tgt Ion:240 Resp: 1188690

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

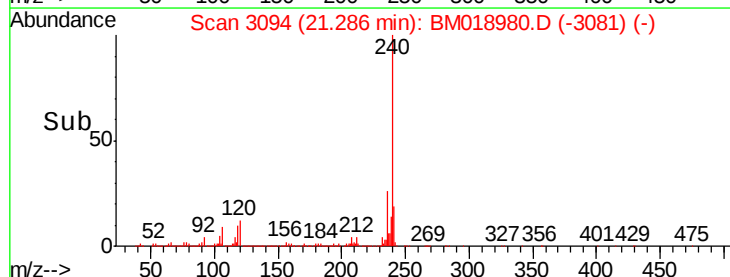
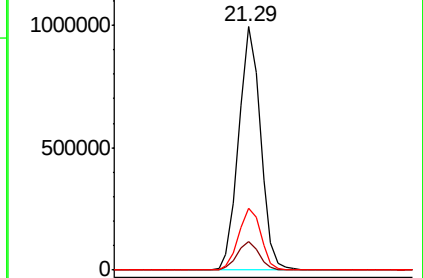
236 25.7 20.9 31.3

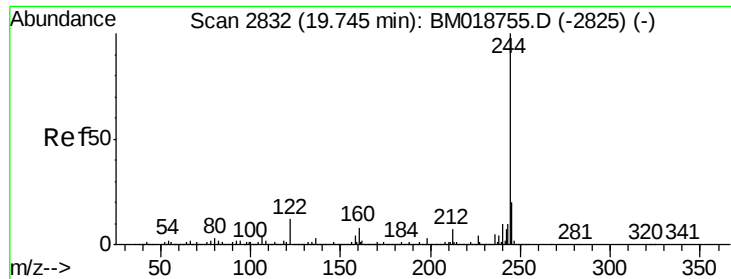


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 124.322 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018980.D

Acq: 28 Feb 2019 21:38

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BNA_M

ClientSampleId :

TR-05-022719

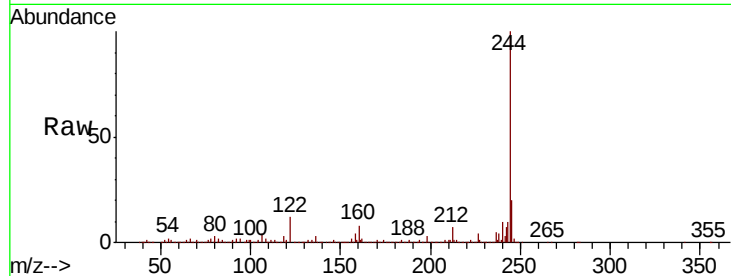
Tgt Ion:244 Resp: 7163736

Ion Ratio Lower Upper

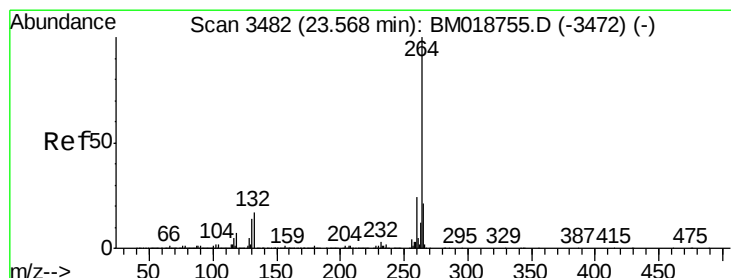
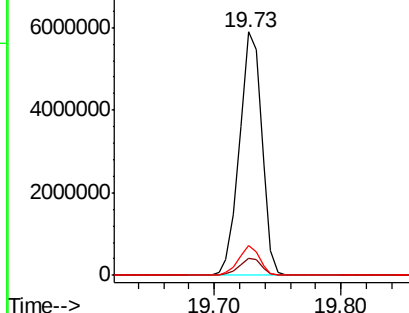
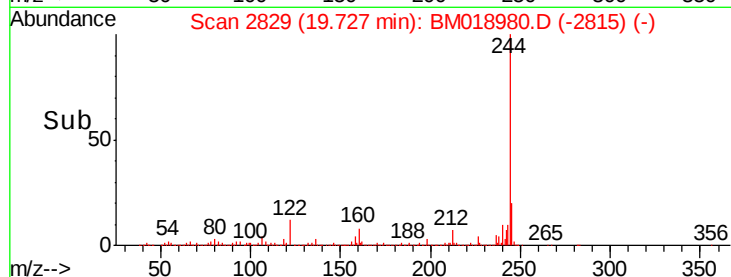
244 100

212 7.1 5.6 8.4

122 12.2 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E
8000000
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# 3477

Delta R.T. -0.03 min

Lab File: BM018980.D

Acq: 28 Feb 2019 21:38

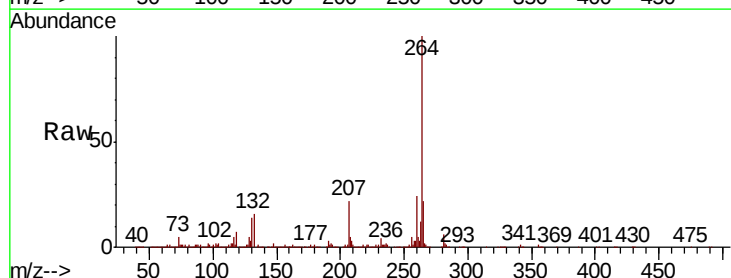
Tgt Ion:264 Resp: 1049723

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
600000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

