

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
 Data File : BM018978.D
 Acq On : 28 Feb 2019 20:26
 Operator : JU/SJ
 Sample : K1349-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-022719-A

Quant Time: Mar 01 01:47:08 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	200939	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	847148	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	496757	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1144384	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1144916	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1004623	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1862166	151.84	ng	-0.02
7) Phenol-d6	6.86	99	2414415	139.75	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1946615	106.25	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1226620	171.30	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	3862138	103.21	ng	-0.03
79) Terphenyl-d14	19.73	244	7011322	126.33	ng	-0.02

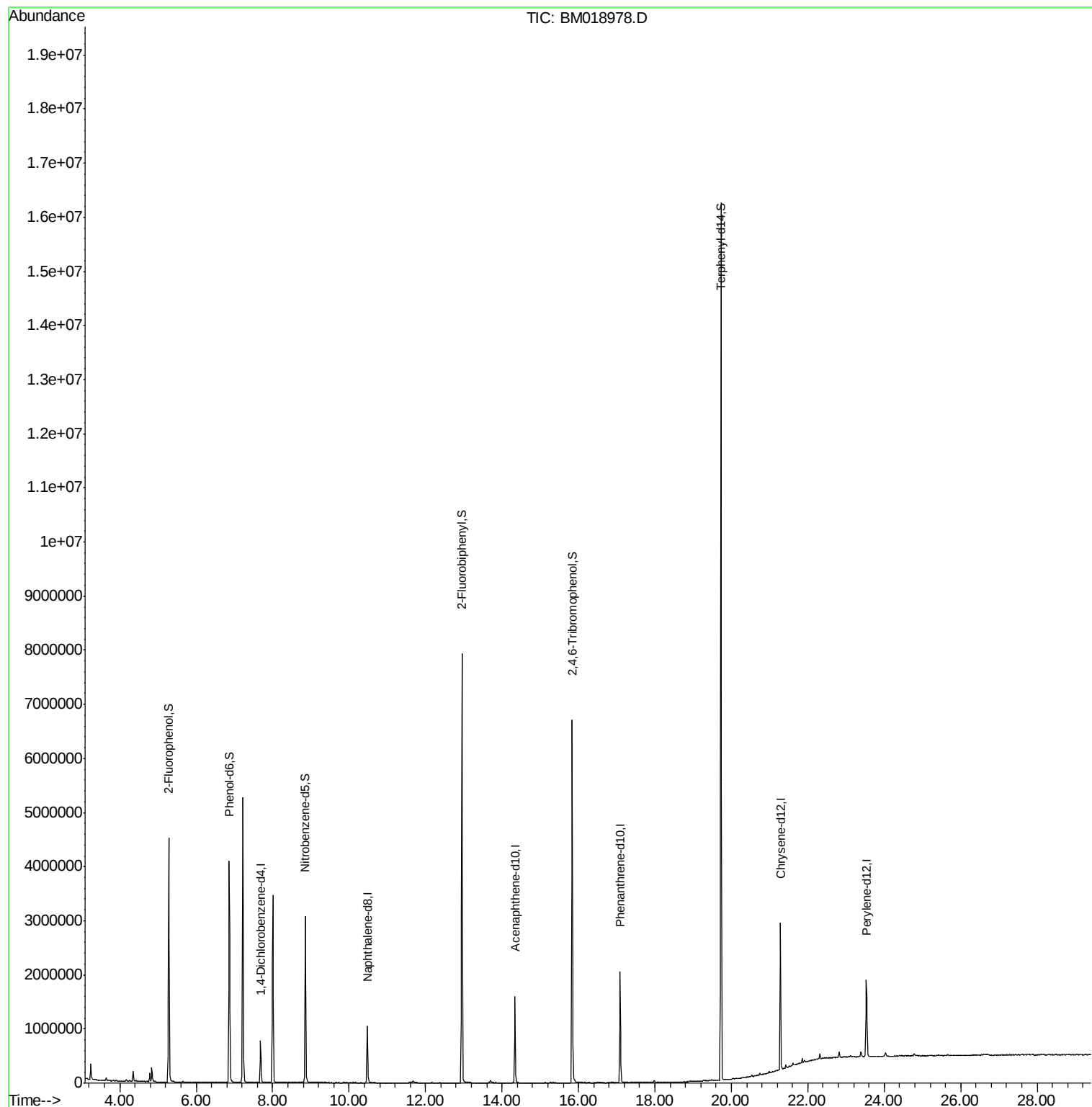
Target Compounds Qvalue

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

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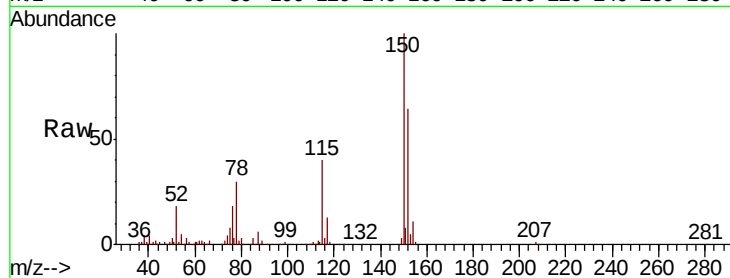


#1

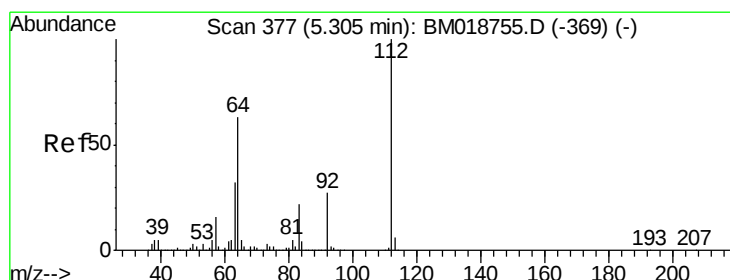
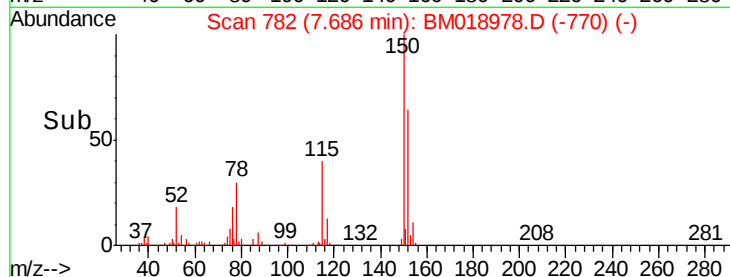
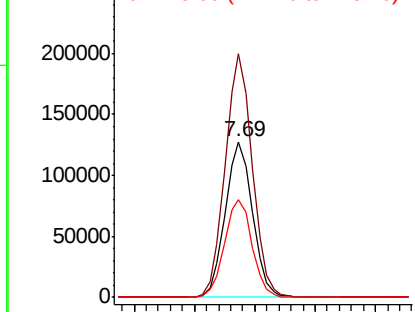
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018978.D
Acq: 28 Feb 2019 20:26

Instrument :
BNA_M
ClientSampleId :
OR-03-022719-A

Tot Ion:152 Resp: 200939
Ion Ratio Lower Upper
152 100
150 156.3 127.3 190.9
115 63.1 50.8 76.2



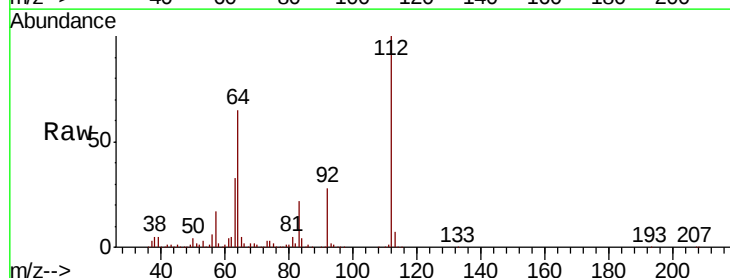
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



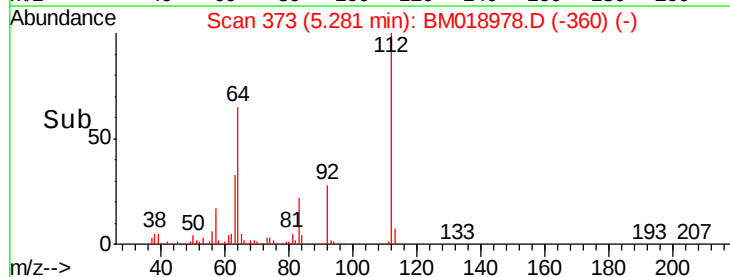
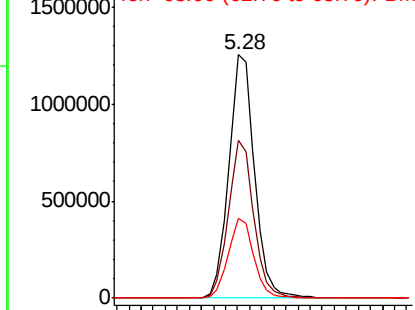
#5

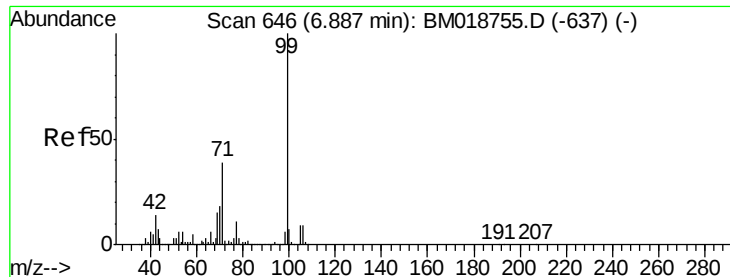
2-Fluorophenol
Concen: 151.843 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018978.D
Acq: 28 Feb 2019 20:26

Tgt Ion:112 Resp: 1862166
Ion Ratio Lower Upper
112 100
64 64.7 50.6 75.8
63 32.9 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: 139.750 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018978.D

Acq: 28 Feb 2019 20:26

Instrument :

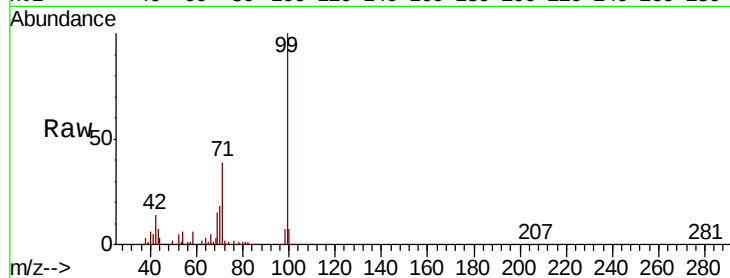
BNA_M

ClientSampleId :

OR-03-022719-A

Tot Ion: 99 Resp: 2414415

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.0	16.6
71	38.9	31.3	46.9

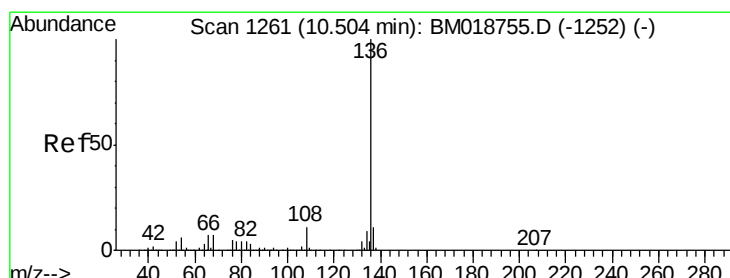
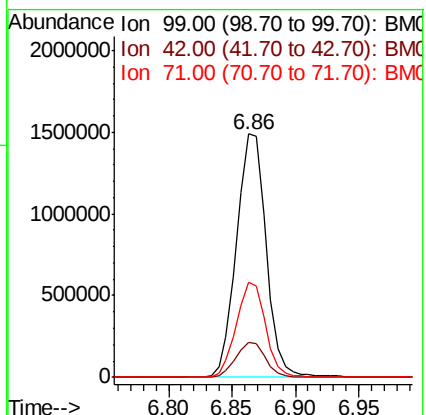
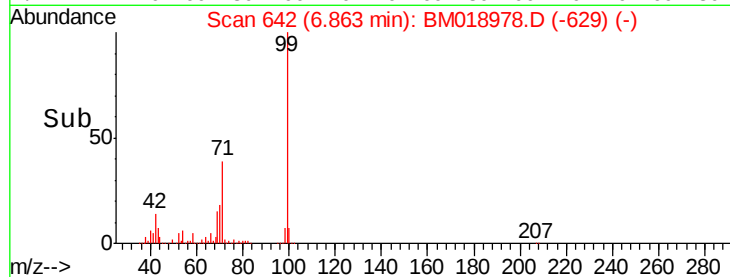


Abundance

Ion 99.00 (98.70 to 99.70): BM018978.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018978.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018978.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1256

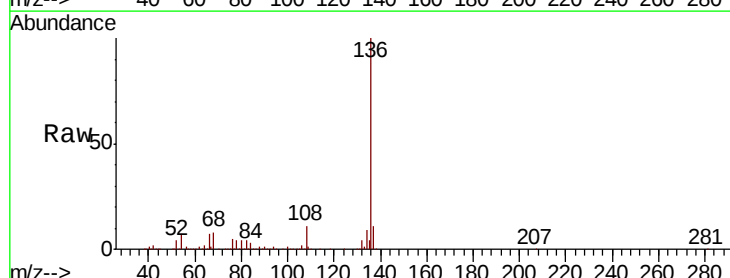
Delta R.T. -0.03 min

Lab File: BM018978.D

Acq: 28 Feb 2019 20:26

Tgt Ion: 136 Resp: 847148

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.0	7.6
68	7.6	5.5	8.3



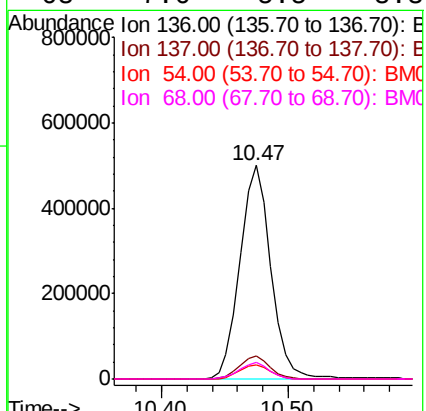
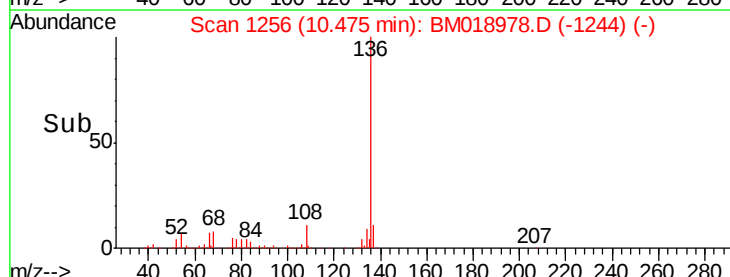
Abundance

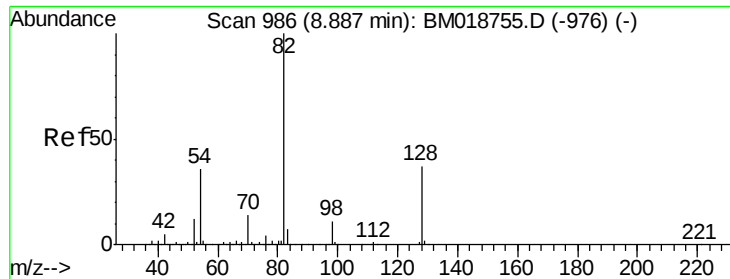
Ion 136.00 (135.70 to 136.70): BM018978.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018978.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018978.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018978.D (-1244) (-)

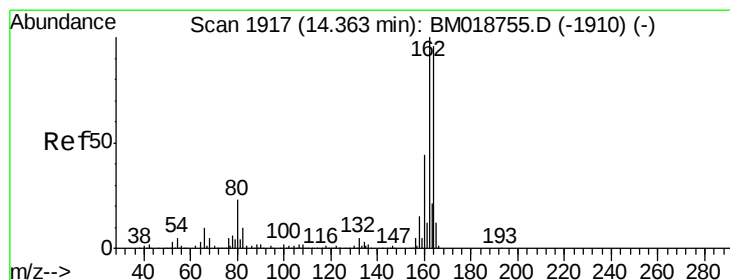
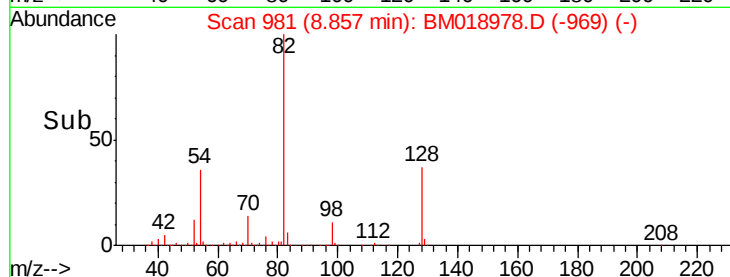
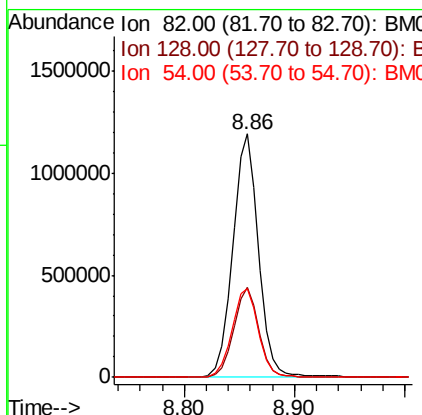
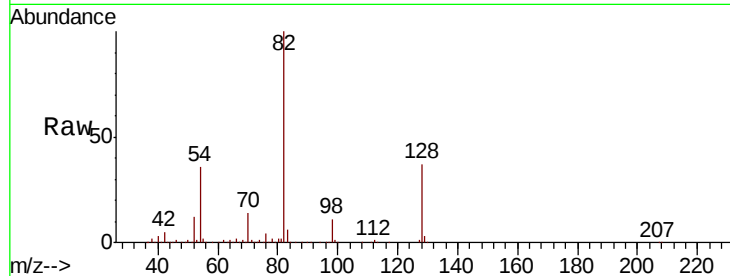




#23
 Nitrobenzene-d5
 Concen: 106.249 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.03 min
 Lab File: BM018978.D
 Acq: 28 Feb 2019 20:26

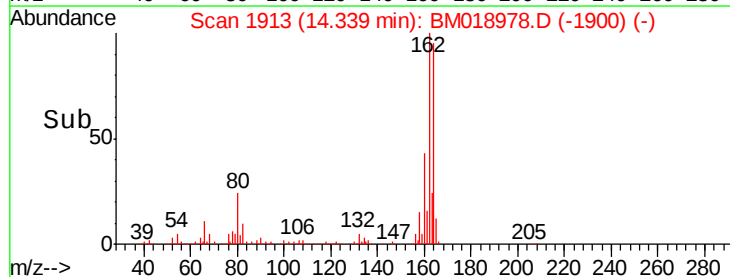
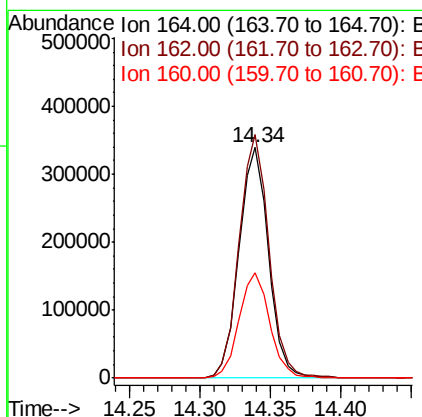
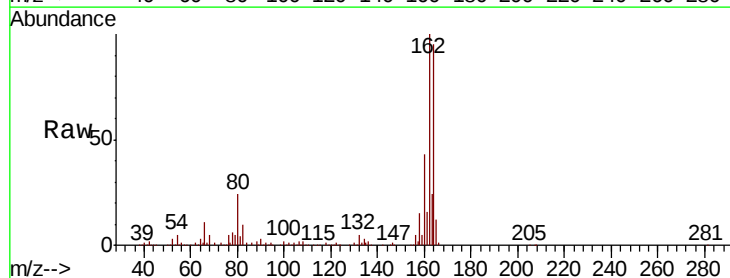
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-022719-A

Tot Ion	82	Resp	1946615
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.9	44.9
54	36.5	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: BM018978.D
 Acq: 28 Feb 2019 20:26

Tgt Ion	164	Resp	496757
Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.4	125.0
160	45.7	36.6	55.0

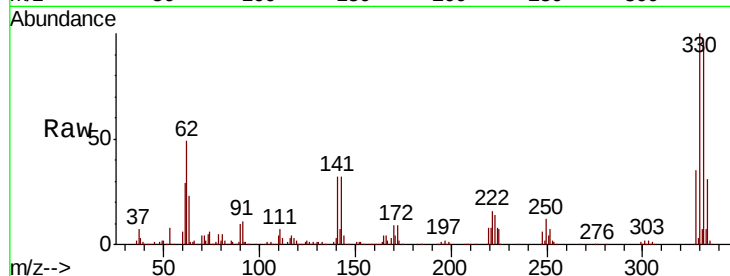




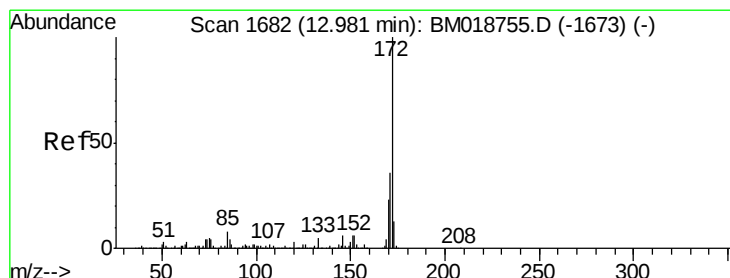
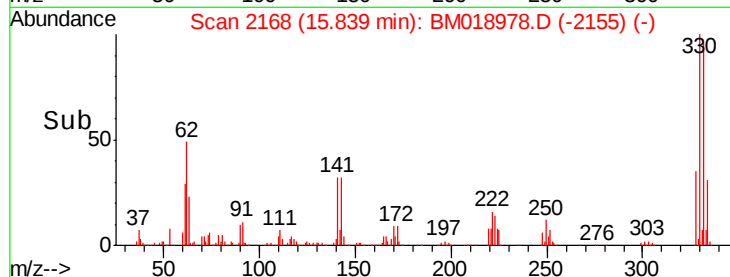
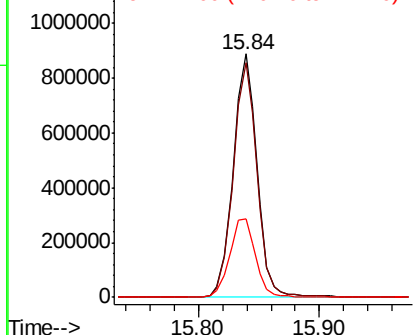
#42
 2,4,6-Tribromophenol
 Concen: 171.301 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM018978.D
 Acq: 28 Feb 2019 20:26

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-022719-A

Tot Ion:330 Resp: 1226620
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 34.7 28.7 43.1

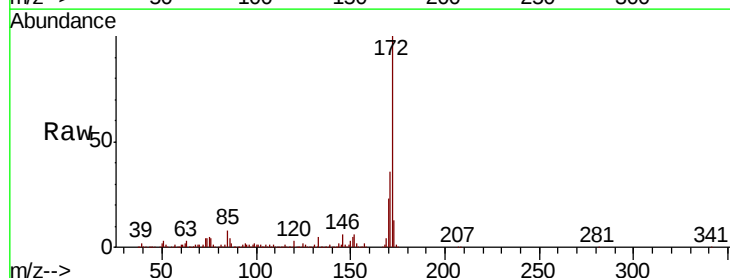


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

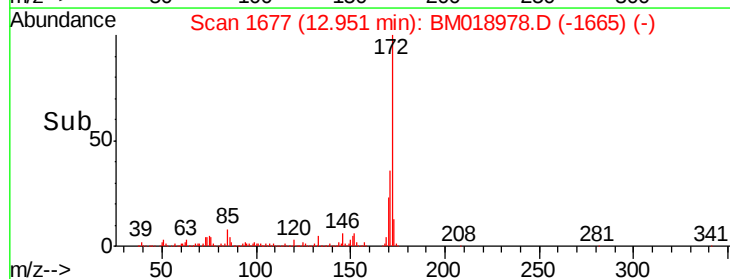
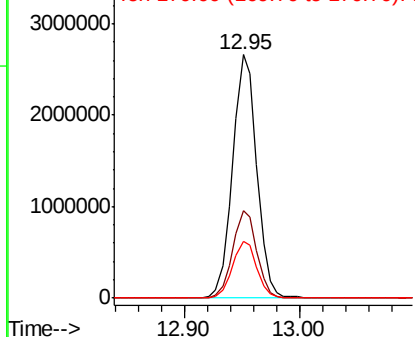


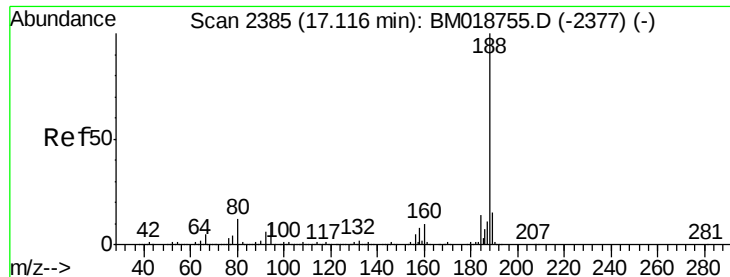
#45
 2-Fluorobiphenyl
 Concen: 103.207 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018978.D
 Acq: 28 Feb 2019 20:26

Tgt Ion:172 Resp: 3862138
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.2 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: BM018978.D

Acq: 28 Feb 2019 20:26

Instrument :

BNA_M

ClientSampleId :

OR-03-022719-A

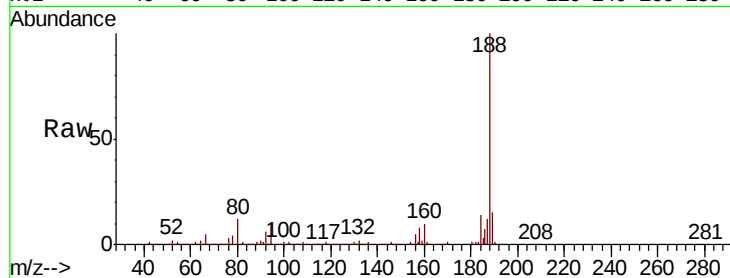
Tot Ion:188 Resp: 1144384

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

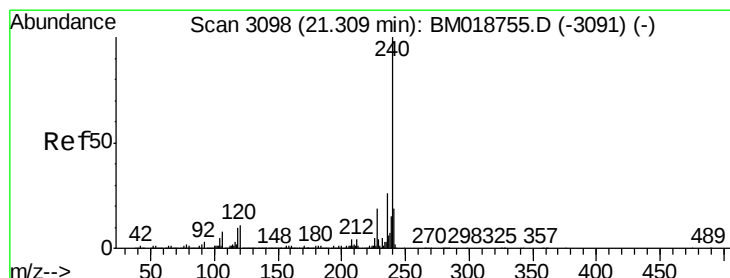
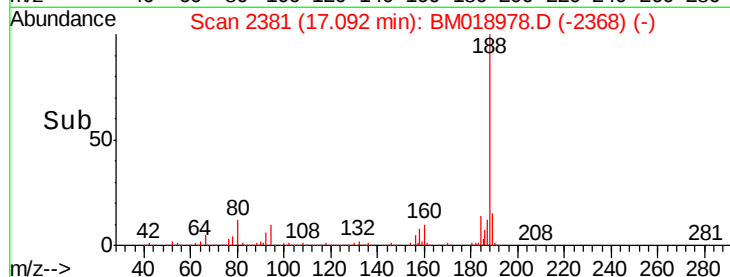
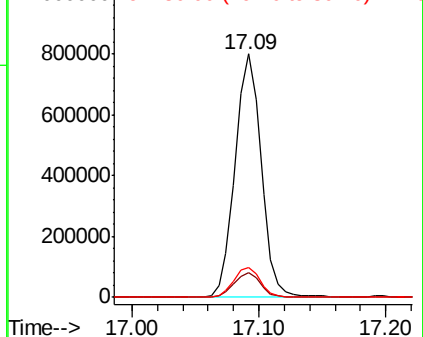
80 12.4 9.7 14.5



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# 3094

Delta R.T. -0.02 min

Lab File: BM018978.D

Acq: 28 Feb 2019 20:26

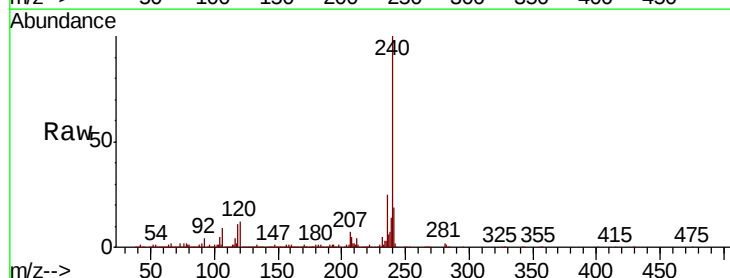
Tgt Ion:240 Resp: 1144916

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

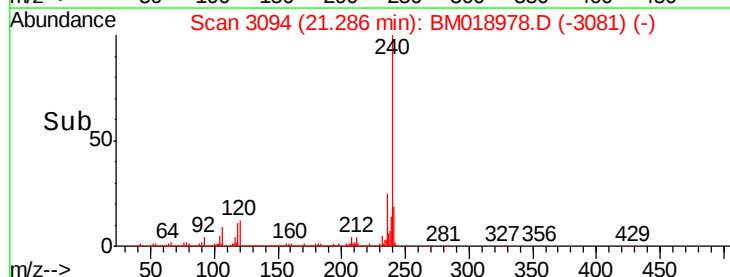
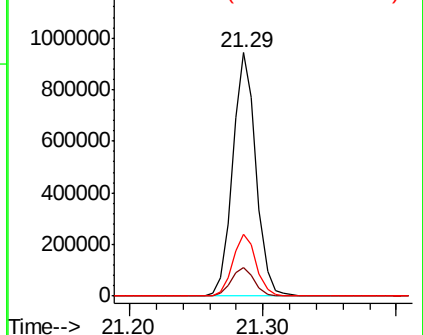
236 25.5 20.9 31.3

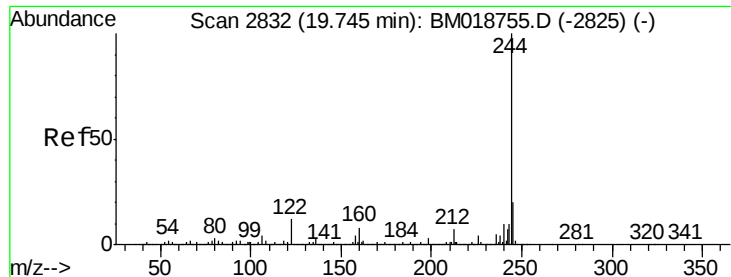


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 126.329 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BM018978.D

Acq: 28 Feb 2019 20:26

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OR-03-022719-A

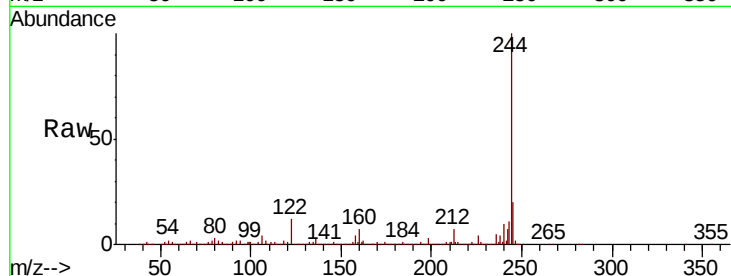
Tot Ion:244 Resp: 7011322

Ion Ratio Lower Upper

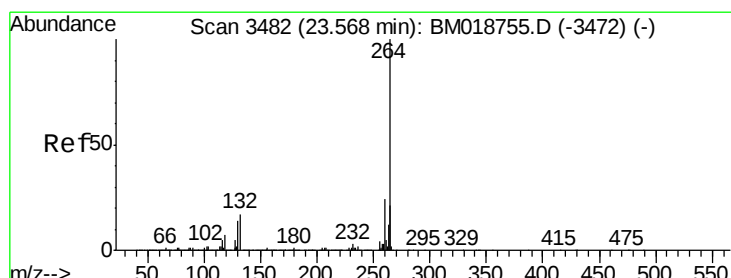
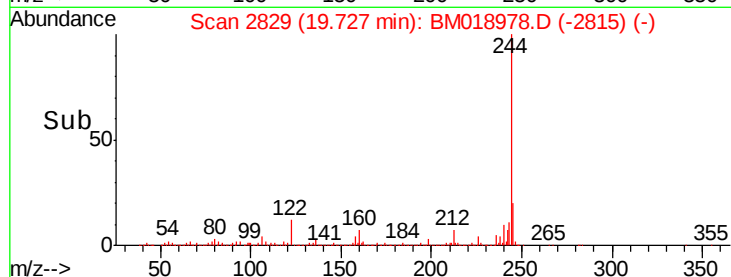
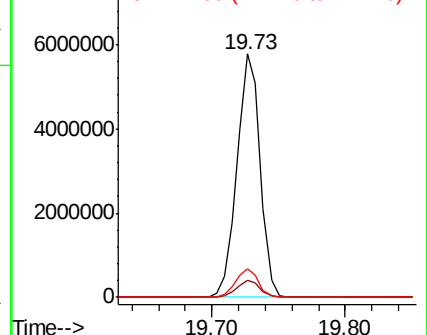
244 100

212 6.9 5.6 8.4

122 11.8 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# 3476

Delta R.T. -0.04 min

Lab File: BM018978.D

Acq: 28 Feb 2019 20:26

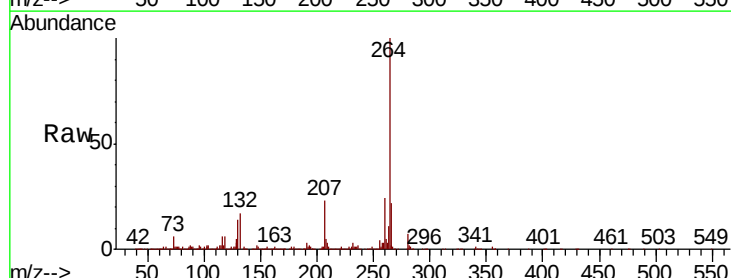
Tgt Ion:264 Resp: 1004623

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.1 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

