

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
 Data File : BM018804.D
 Acq On : 13 Feb 2019 16:32
 Operator : JU/SJ
 Sample : K1343-22
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-K

Quant Time: Feb 14 01:06:41 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	7.72	152	332013	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1301108	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	720605	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1671816	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1738038	20.00	ng	0.00
87) Perylene-d12	23.57	264	1640957	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2682858	132.40	ng	0.00
7) Phenol-d6	6.89	99	3160279	110.71	ng	0.00
23) Nitrobenzene-d5	8.88	82	2818432	100.16	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1603702	154.39	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5348683	98.53	ng	0.00
79) Terphenyl-d14	19.75	244	9163736	108.77	ng	0.00

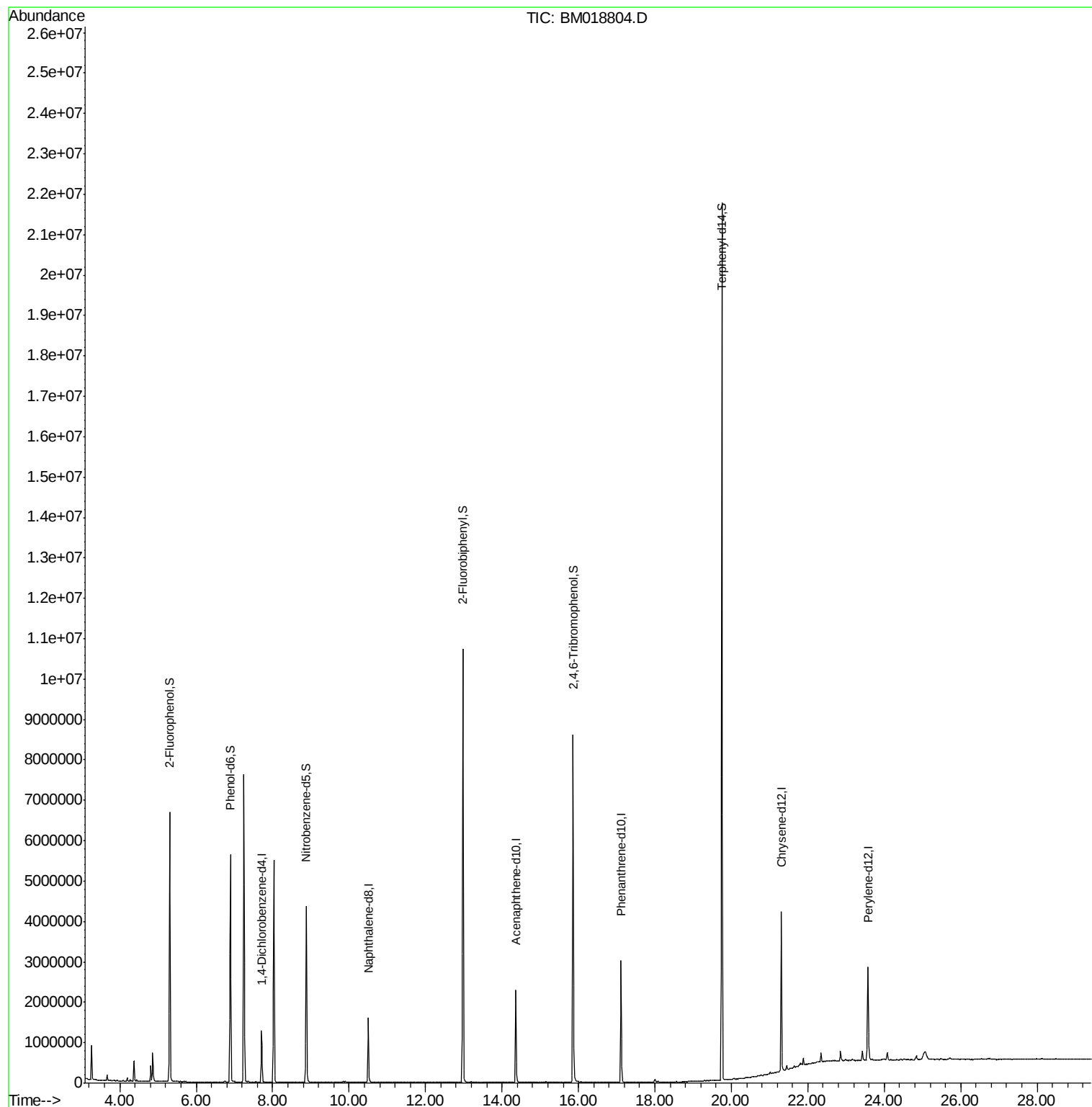
Target Compounds Qvalue

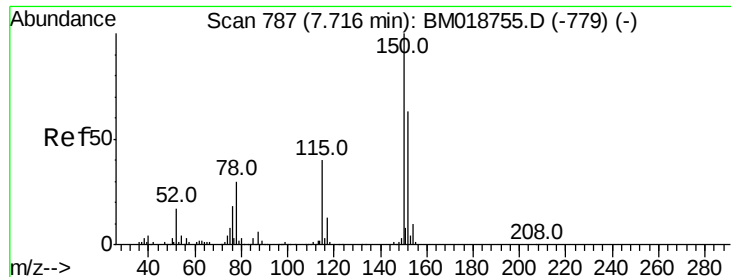
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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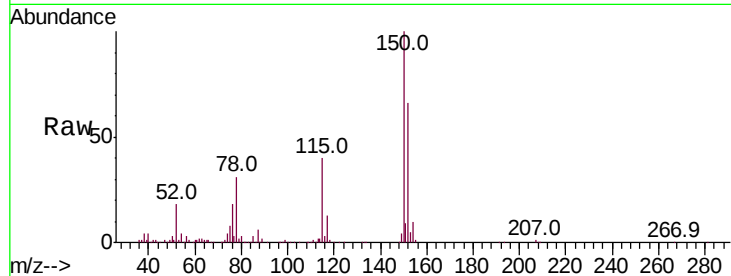


#1

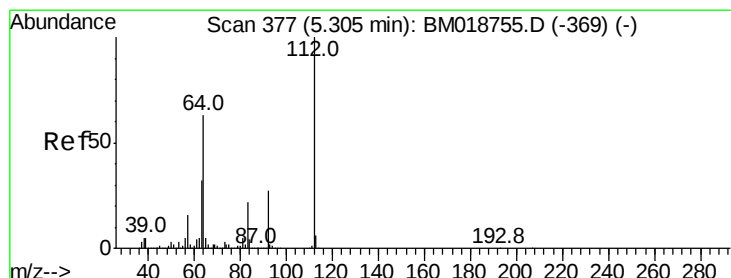
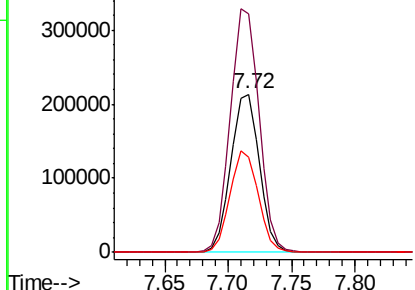
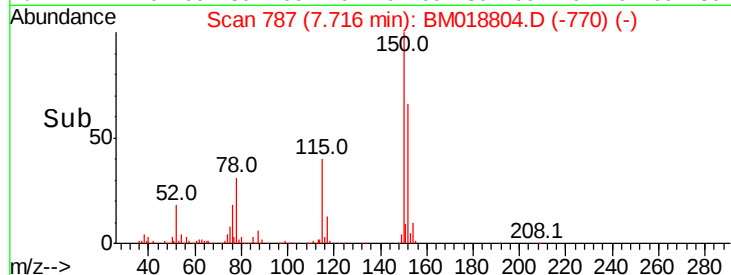
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018804.D
Acq: 13 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
JC-02-021119-K

Tot Ion:152 Resp: 332013
Ion Ratio Lower Upper
152 100
150 151.0 127.3 190.9
115 60.3 50.8 76.2



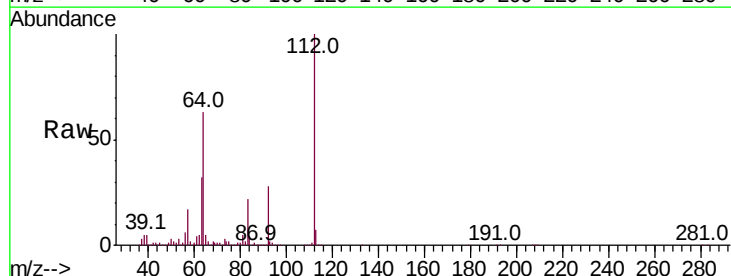
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



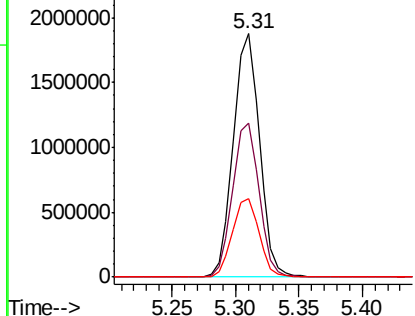
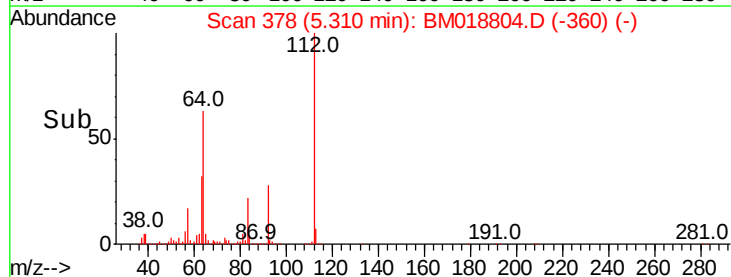
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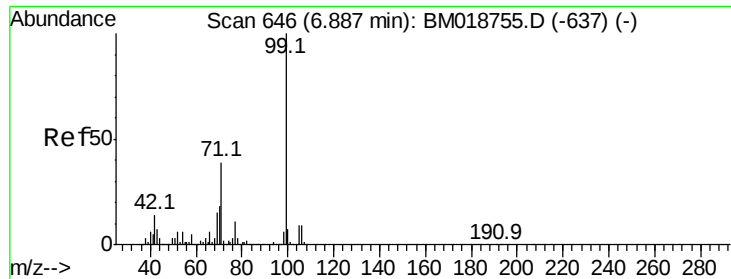
2-Fluorophenol
Concen: 132.398 ng
RT: 5.31 min Scan# 378
Delta R.T. 0.01 min
Lab File: BM018804.D
Acq: 13 Feb 2019 16:32

Tgt Ion:112 Resp: 2682858
Ion Ratio Lower Upper
112 100
64 63.5 50.6 75.8
63 32.3 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: 110.707 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018804.D

Acq: 13 Feb 2019 16:32

Instrument :

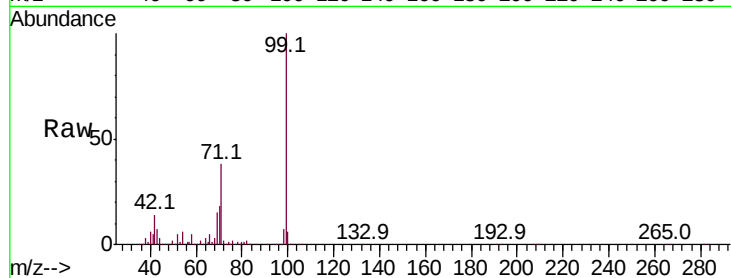
BNA_M

ClientSampleId :

JC-02-021119-K

Tot Ion: 99 Resp: 3160279

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.0	16.6
71	38.2	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) (-)

2500000

2000000

1500000

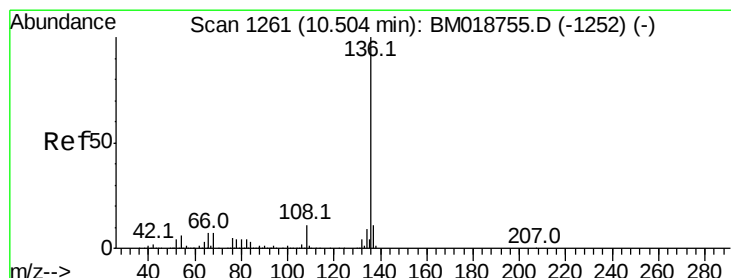
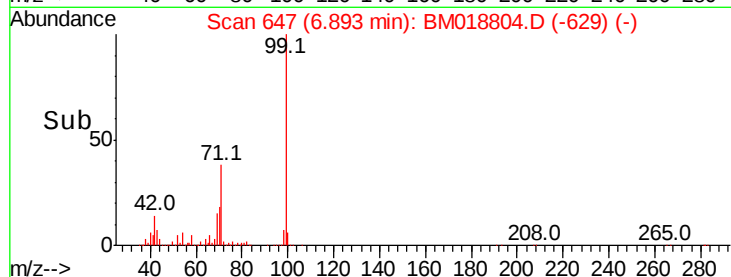
1000000

500000

0

6.89

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

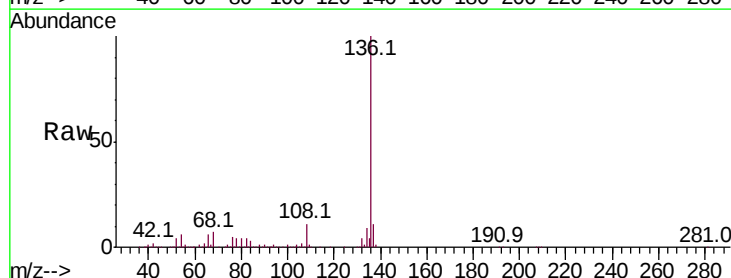
Delta R.T. -0.00 min

Lab File: BM018804.D

Acq: 13 Feb 2019 16:32

Tgt Ion: 136 Resp: 1301108

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.4	5.0	7.6
68	7.1	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) (-)

1200000

1000000

800000

600000

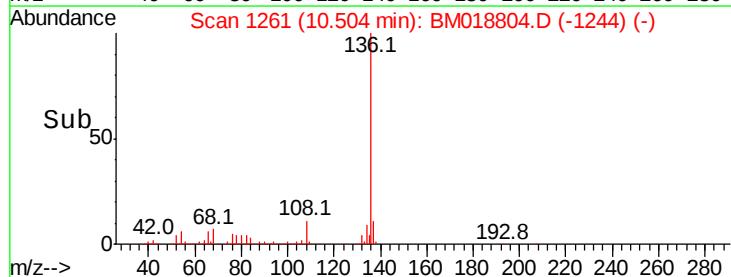
400000

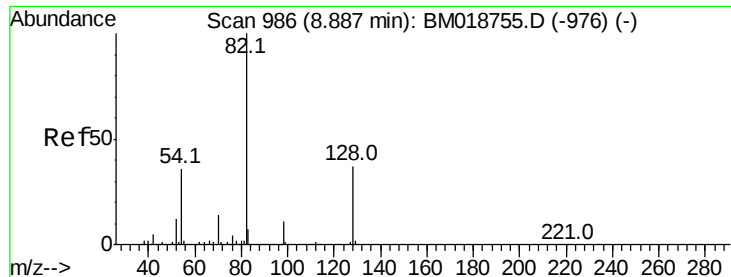
200000

0

10.50

Time-->

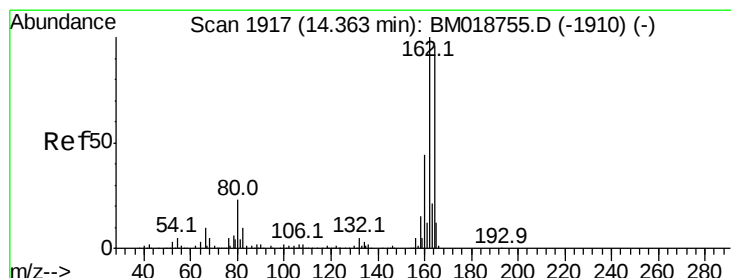
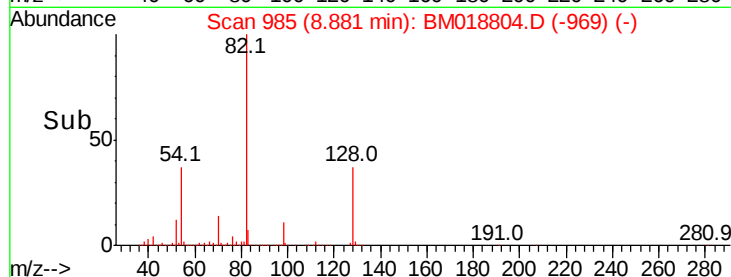
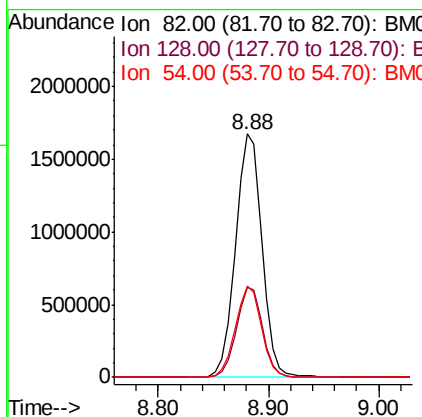
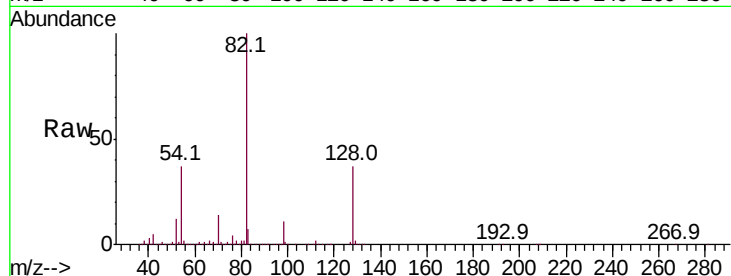




#23
Nitrobenzene-d5
Concen: 100.161 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018804.D
Acq: 13 Feb 2019 16:32

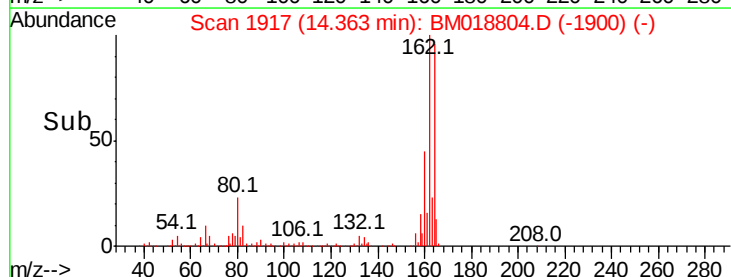
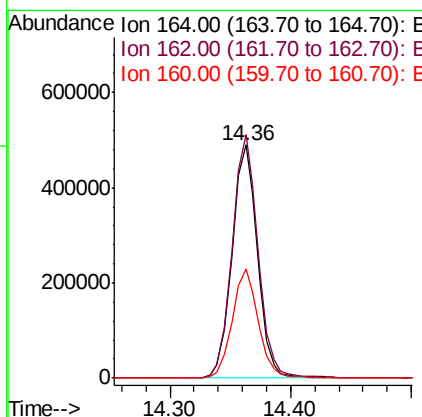
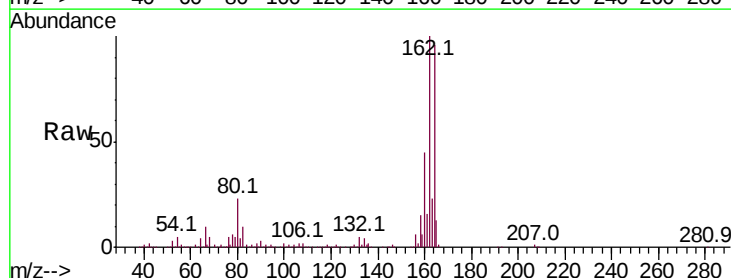
Instrument :
BNA_M
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JC-02-021119-K

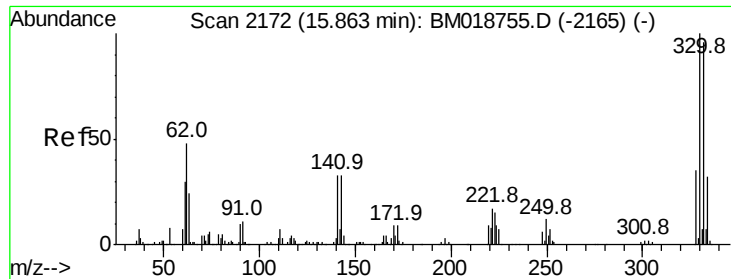
Tot Ion: 82 Resp: 2818432
Ion Ratio Lower Upper
82 100
128 37.1 29.9 44.9
54 37.3 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM018804.D
Acq: 13 Feb 2019 16:32

Tgt Ion: 164 Resp: 720605
Ion Ratio Lower Upper
164 100
162 104.4 83.4 125.0
160 47.0 36.6 55.0

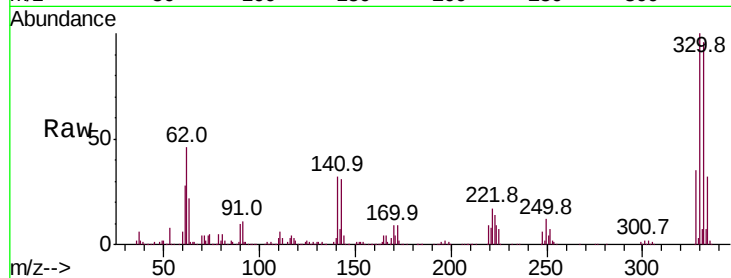




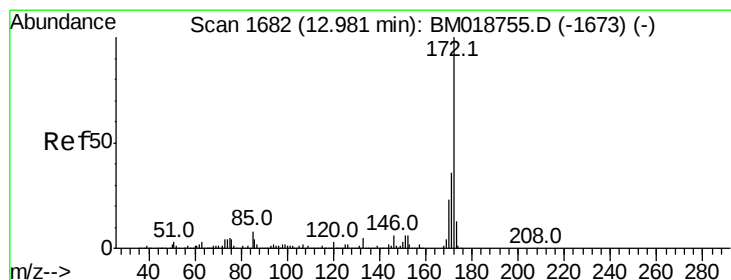
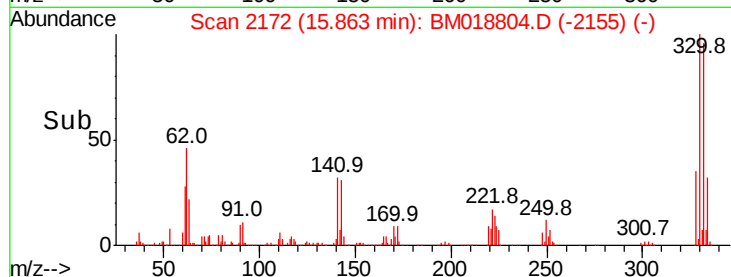
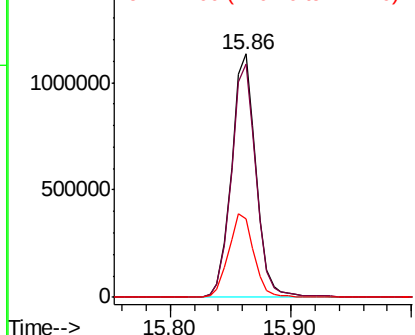
#42
 2,4,6-Tribromophenol
 Concen: 154.390 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM018804.D
 Acq: 13 Feb 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-021119-K

Tot Ion:330 Resp: 1603702
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 35.7 28.7 43.1

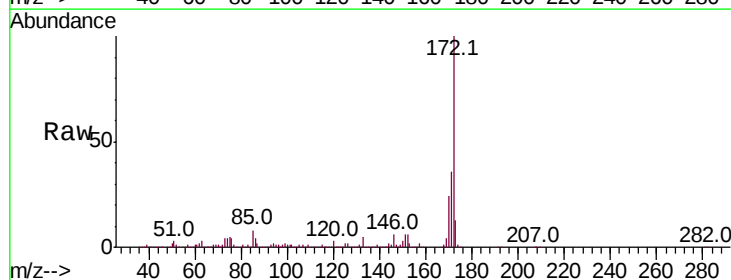


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

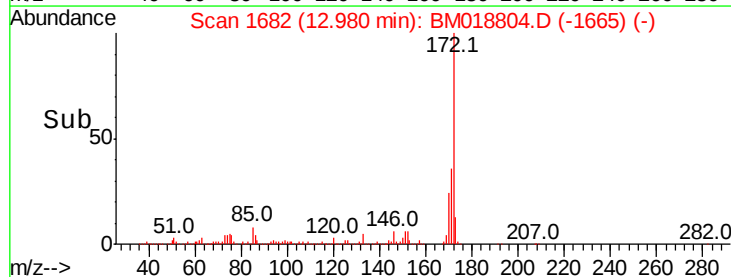
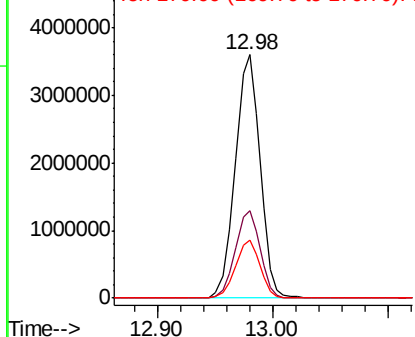


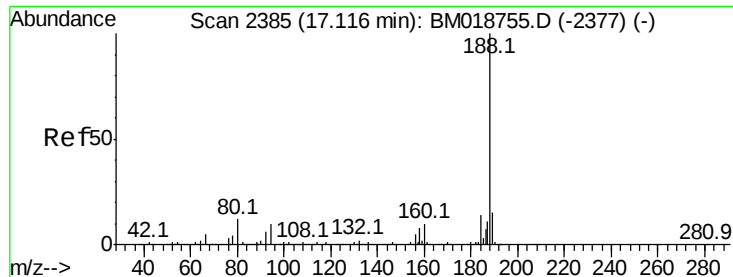
#45
 2-Fluorobiphenyl
 Concen: 98.532 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018804.D
 Acq: 13 Feb 2019 16:32

Tgt Ion:172 Resp: 5348683
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.9 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

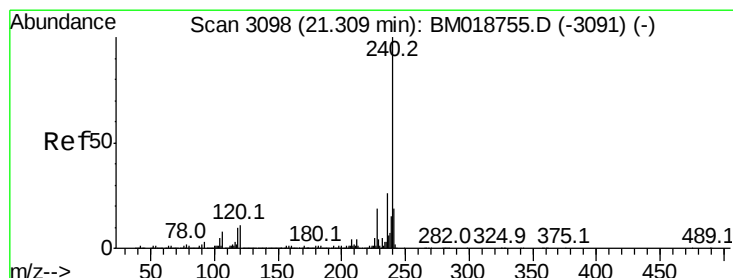
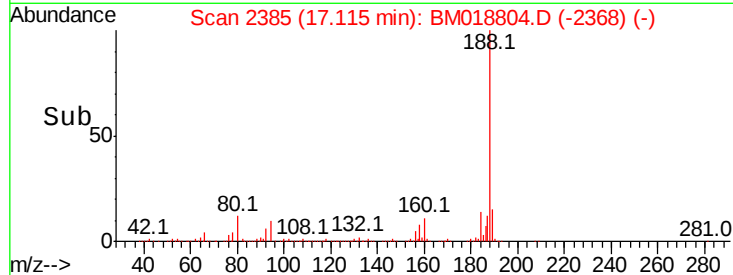
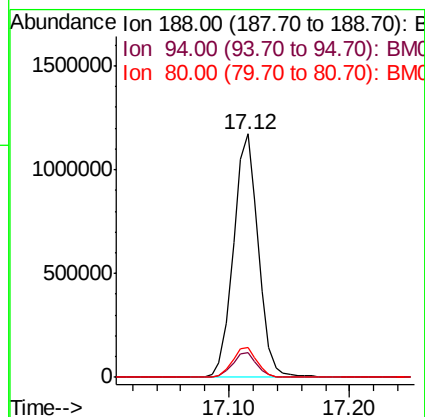
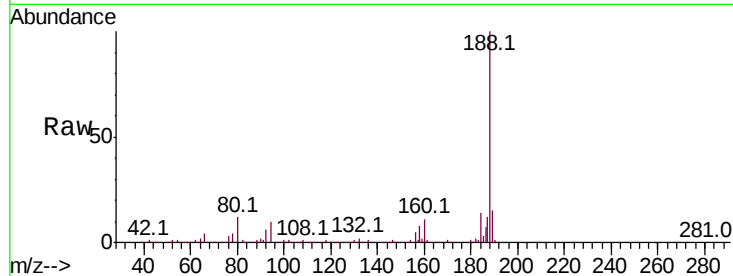




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018804.D
Acq: 13 Feb 2019 16:32

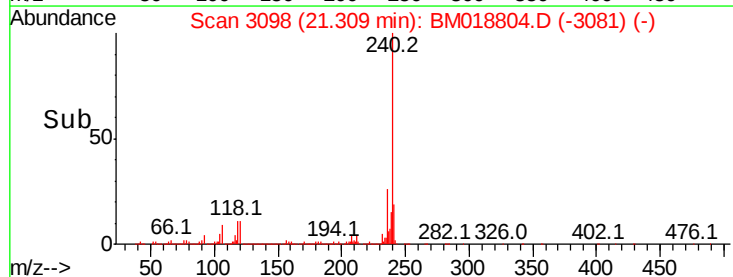
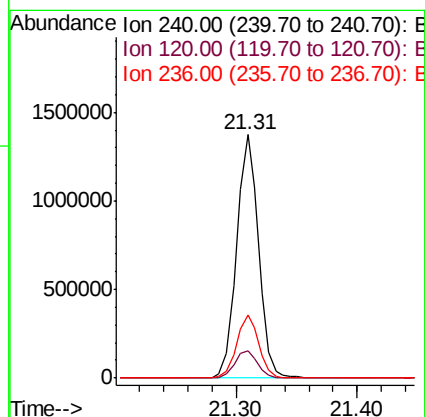
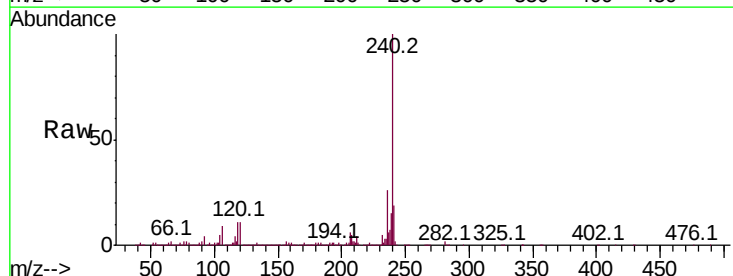
Instrument :
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ClientSampleId :
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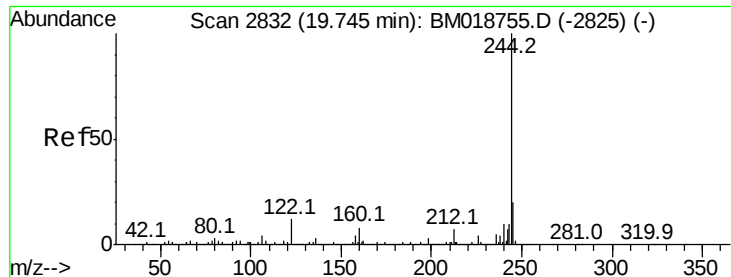
Tot Ion:188 Resp: 1671816
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.1 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM018804.D
Acq: 13 Feb 2019 16:32

Tgt Ion:240 Resp: 1738038
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 108.765 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018804.D

Acq: 13 Feb 2019 16:32

Instrument :

BNA_M

ClientSampleId :

JC-02-021119-K

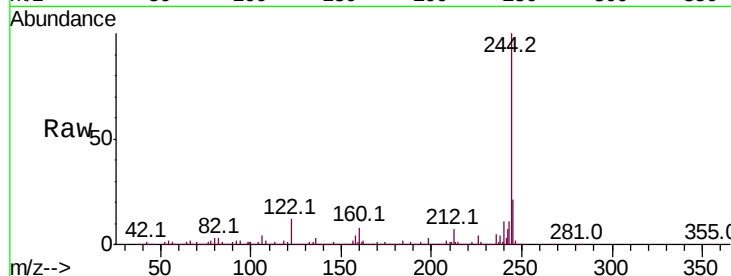
Tot Ion:244 Resp: 9163736

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

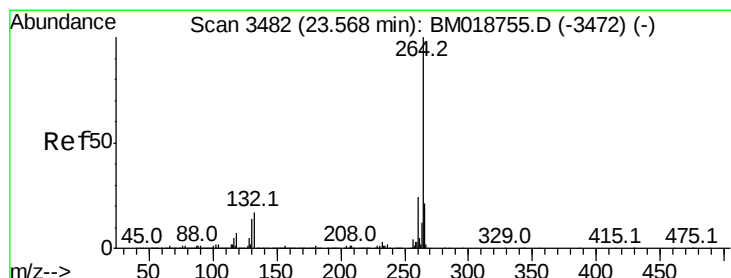
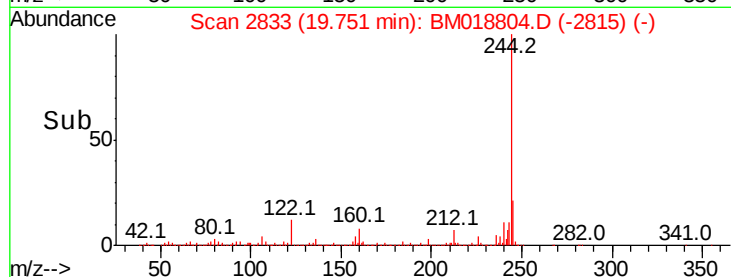
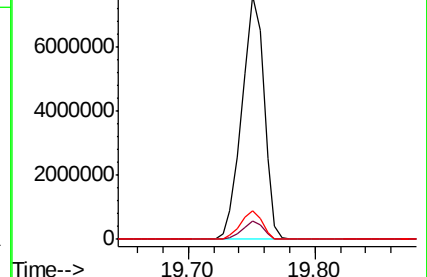
122 11.9 9.3 13.9



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: 23.57 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BM018804.D

Acq: 13 Feb 2019 16:32

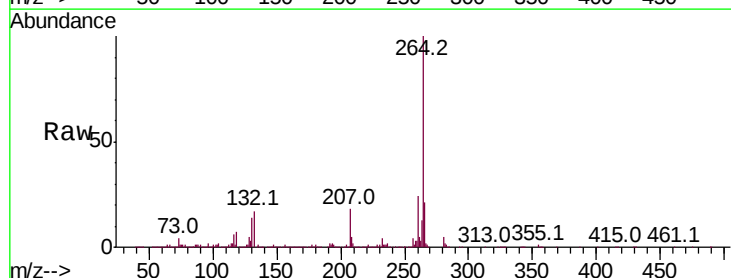
Tgt Ion:264 Resp: 1640957

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 21.2 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

