

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018432.D
 Acq On : 28 Dec 2018 13:31
 Operator : JU/SJ
 Sample : J6548-21
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G-C

Quant Time: Dec 28 14:06:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	522278	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	2161578	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1232982	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	2791623	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2875478	20.00	ng	0.00
87) Perylene-d12	23.66	264	2496623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	3794519	136.98	ng	0.02
7) Phenol-d6	6.97	99	4375074	113.74	ng	0.03
23) Nitrobenzene-d5	8.95	82	3607378	95.78	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	2442545	155.91	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	9175625	100.79	ng	0.00
79) Terphenyl-d14	19.81	244	12586814	93.28	ng	0.00

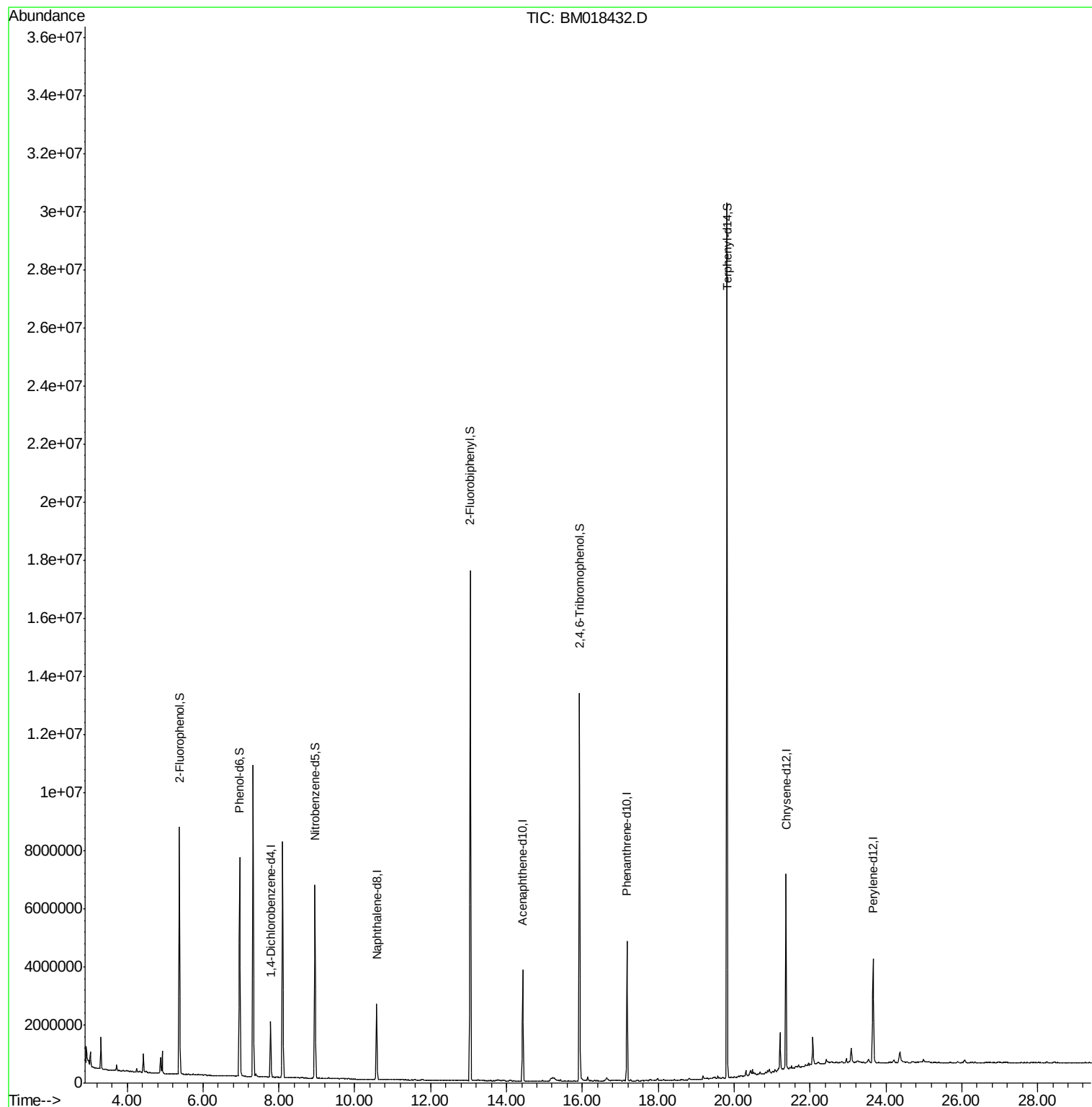
Target Compounds Qvalue

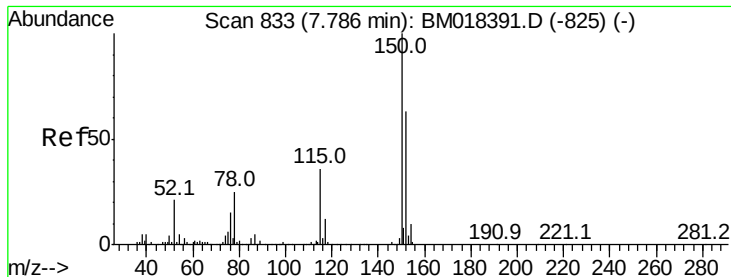
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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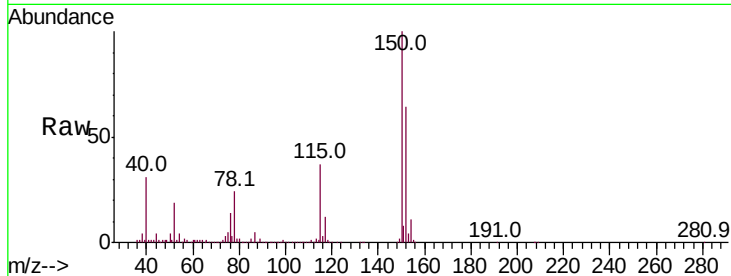


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018432.D
Acq: 28 Dec 2018 13:31

Instrument :
BNA_M
ClientSampleId :
G-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.9	190.3
115	58.5	45.5	68.3

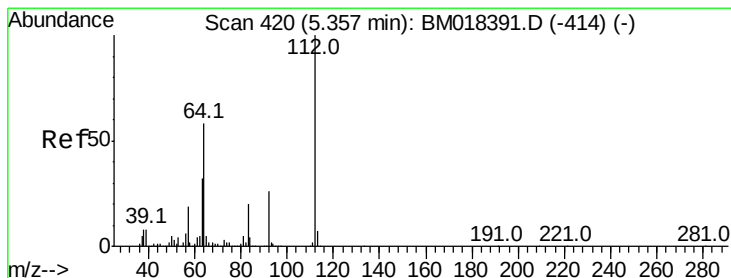
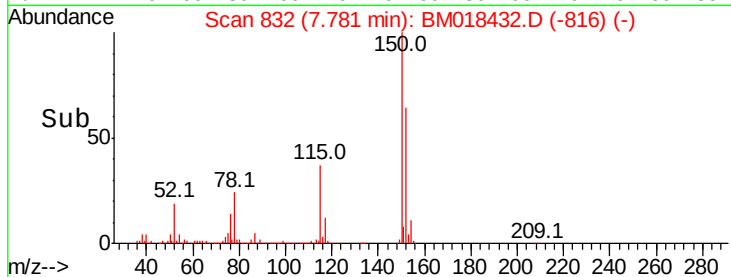
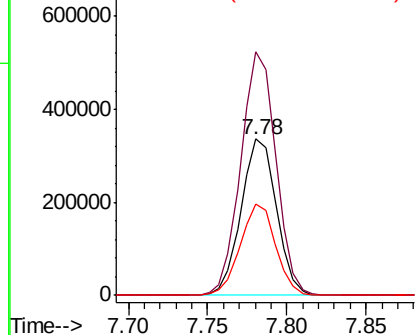


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

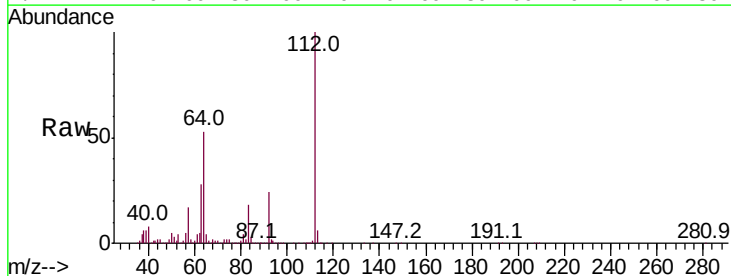
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.977 ng
RT: 5.38 min Scan# 424
Delta R.T. 0.02 min
Lab File: BM018432.D
Acq: 28 Dec 2018 13:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.5	69.7
63	28.3	25.2	37.8

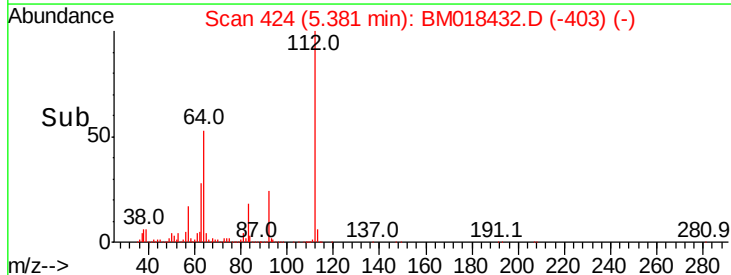
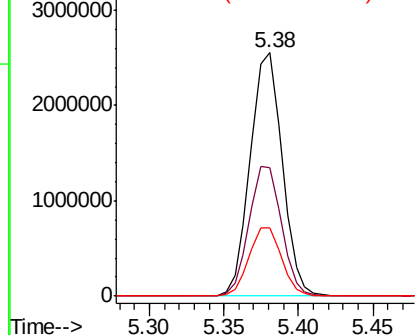


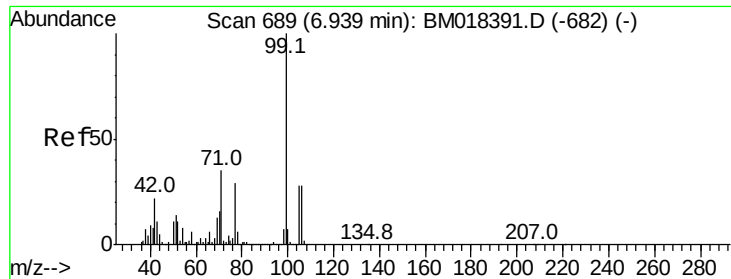
Abundance

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: 113.740 ng

RT: 6.97 min Scan# 694

Delta R.T. 0.03 min

Lab File: BM018432.D

Acq: 28 Dec 2018 13:31

Instrument :

BNA_M

ClientSampleId :

G-C

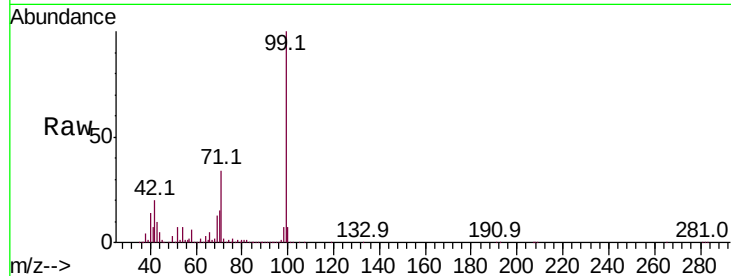
Tot Ion: 99 Resp: 4375074

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

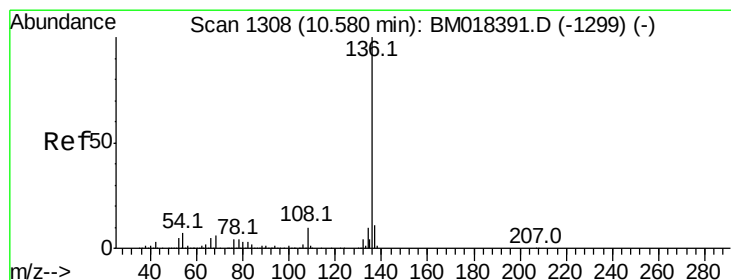
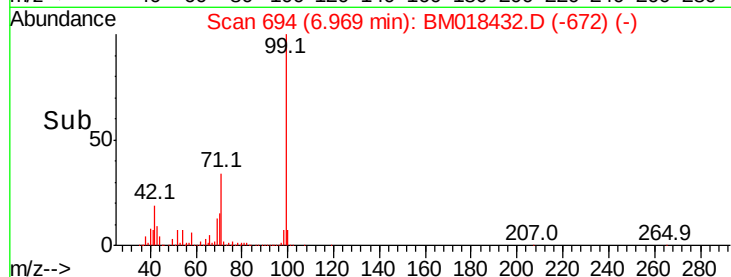
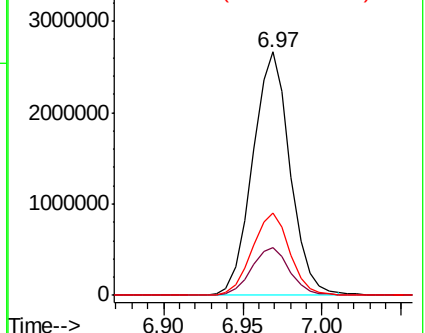
71 33.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018432.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM018432.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM018432.D (-672) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM018432.D

Acq: 28 Dec 2018 13:31

Tgt Ion:136 Resp: 2161578

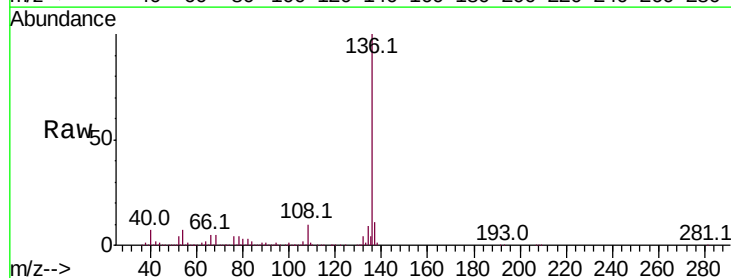
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 6.0 9.0

68 4.8 4.5 6.7

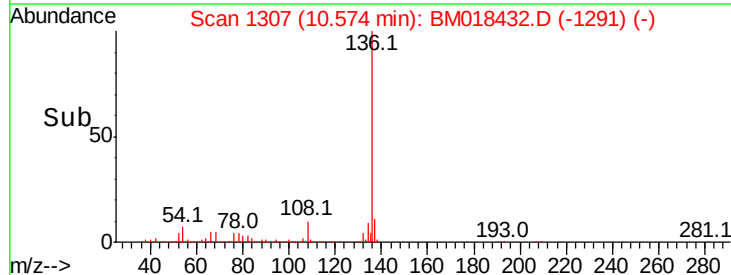
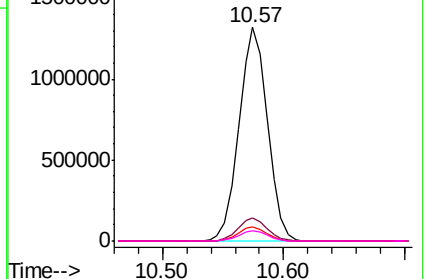


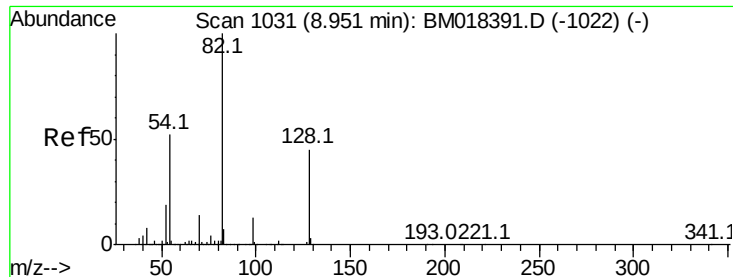
Abundance Ion 136.00 (135.70 to 136.70): BM018432.D (-1291) (-)

Ion 137.00 (136.70 to 137.70): BM018432.D (-1291) (-)

Ion 54.00 (53.70 to 54.70): BM018432.D (-1291) (-)

Ion 68.00 (67.70 to 68.70): BM018432.D (-1291) (-)

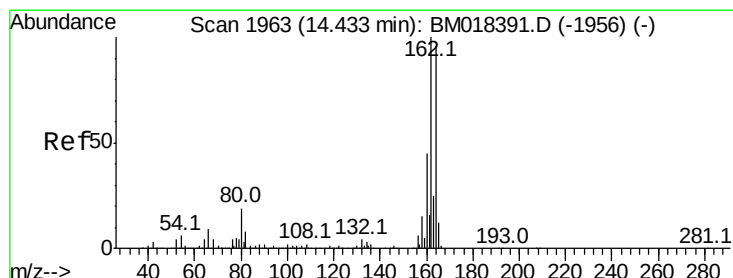
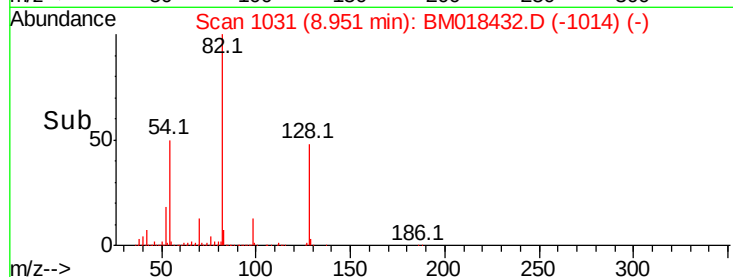
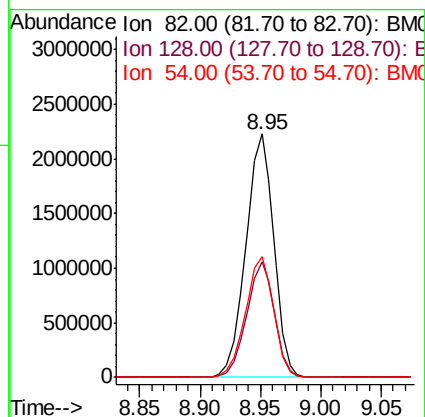
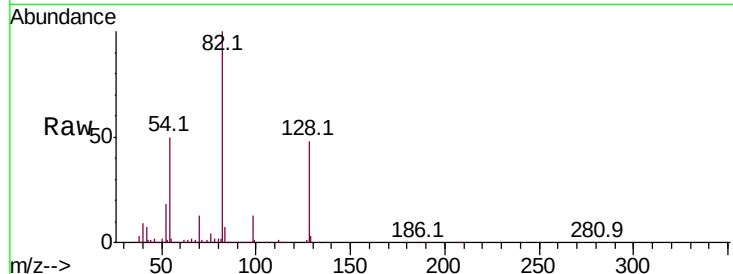




#23
Nitrobenzene-d5
Concen: 95.783 ng
RT: 8.95 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BM018432.D
Acq: 28 Dec 2018 13:31

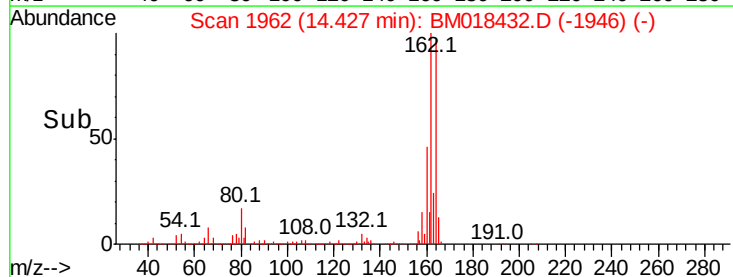
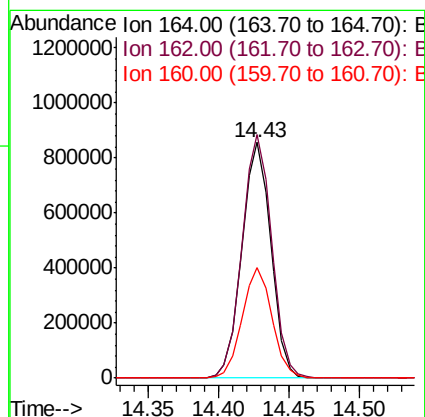
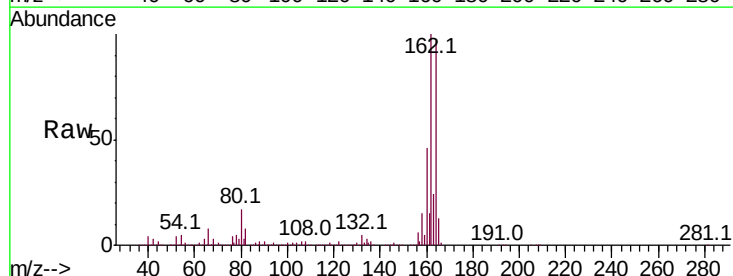
Instrument :
BNA_M
ClientSampled :
G-C

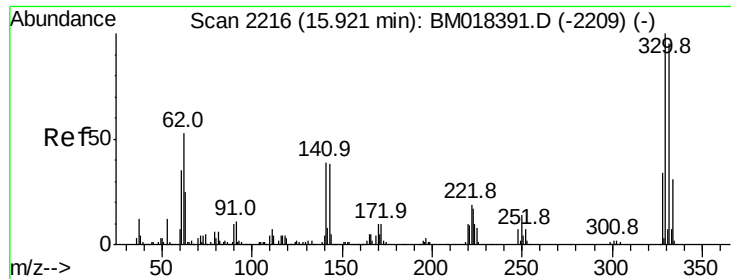
Tot Ion: 82 Resp: 3607378
Ion Ratio Lower Upper
82 100
128 47.7 36.3 54.5
54 49.8 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018432.D
Acq: 28 Dec 2018 13:31

Tgt Ion:164 Resp: 1232982
Ion Ratio Lower Upper
164 100
162 103.4 83.0 124.4
160 47.2 37.1 55.7

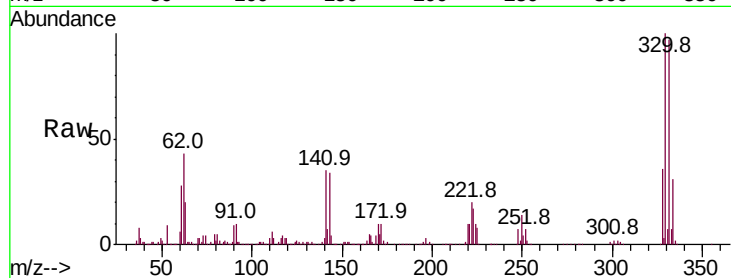




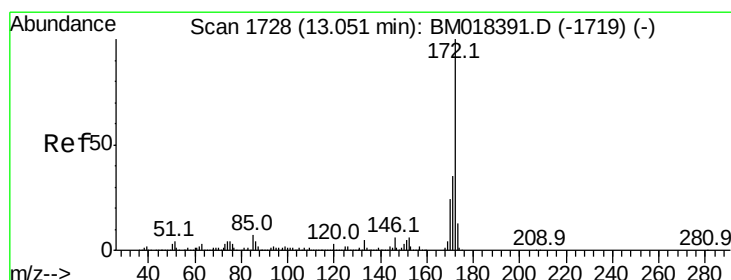
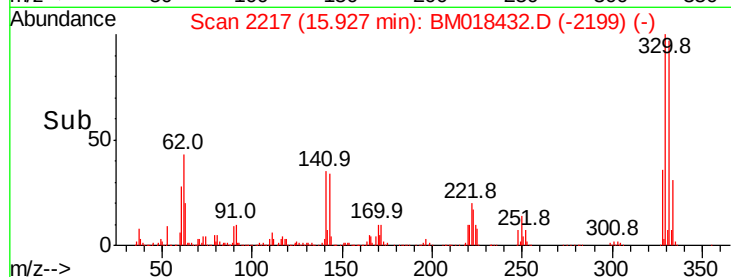
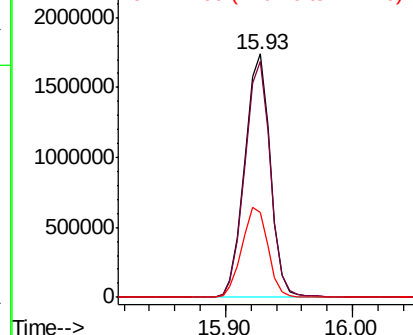
#42
 2,4,6-Tribromophenol
 Concen: 155.913 ng
 RT: 15.93 min Scan# 2217
 Delta R.T. 0.01 min
 Lab File: BM018432.D
 Acq: 28 Dec 2018 13:31

Instrument :
 BNA_M
 ClientSampleId :
 G-C

Tot Ion:330 Resp: 2442545
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.6 116.4
 141 37.7 31.7 47.5

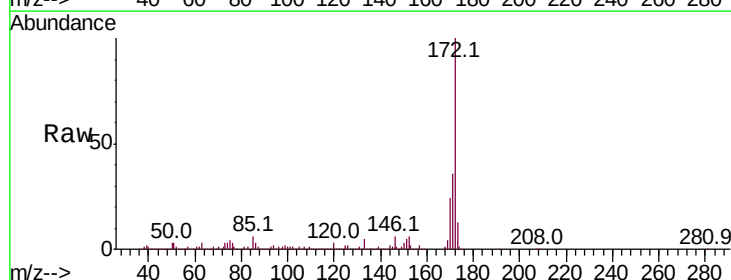


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

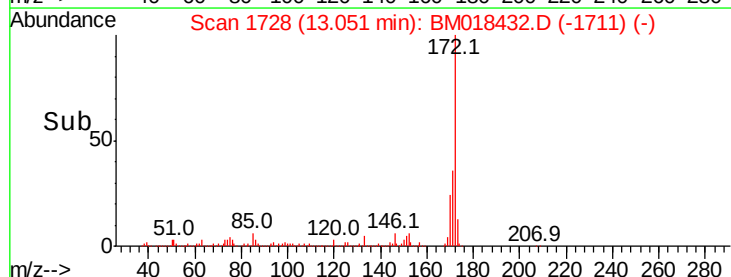
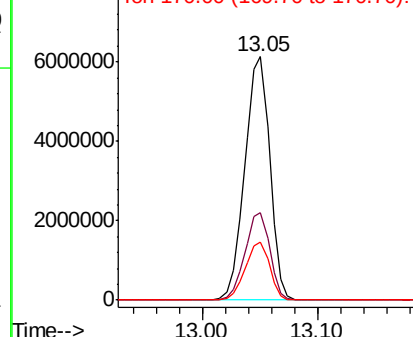


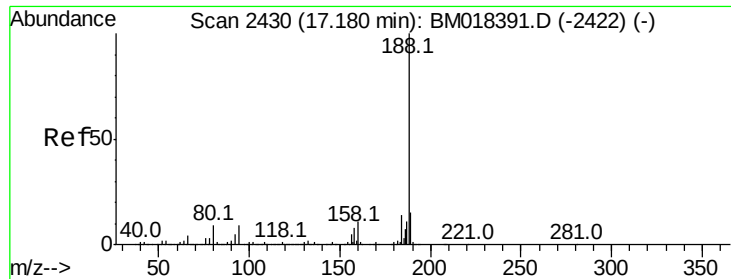
#45
 2-Fluorobiphenyl
 Concen: 100.791 ng
 RT: 13.05 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BM018432.D
 Acq: 28 Dec 2018 13:31

Tgt Ion:172 Resp: 9175625
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.2 42.4
 170 23.7 18.9 28.3



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: 17.18 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BM018432.D

Acq: 28 Dec 2018 13:31

Instrument :

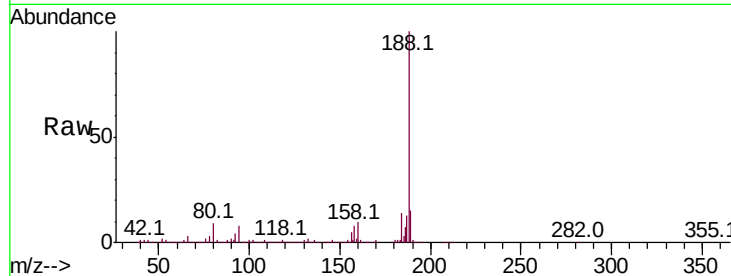
BNA_M

ClientSampleId :

G-C

Tot Ion:188 Resp: 2791623

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.1	10.7
80	8.6	7.6	11.4

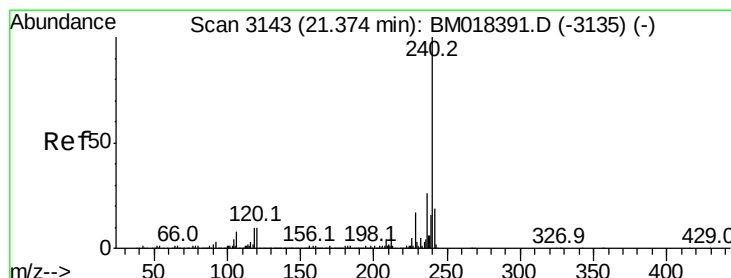
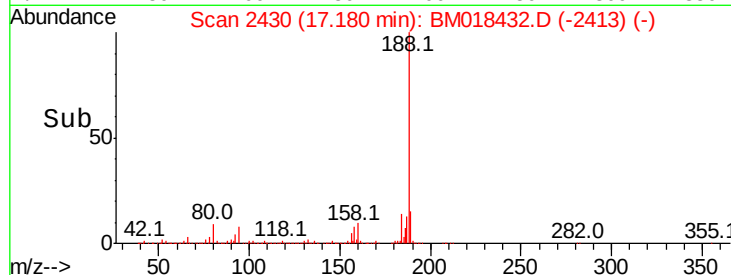


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018432.D (-2413) (-)

Ion 80.00 (79.70 to 80.70): BM018432.D (-2413) (-)

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3142

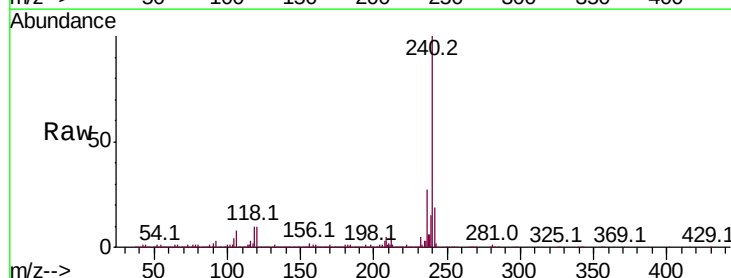
Delta R.T. -0.01 min

Lab File: BM018432.D

Acq: 28 Dec 2018 13:31

Tgt Ion:240 Resp: 2875478

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	26.8	20.7	31.1

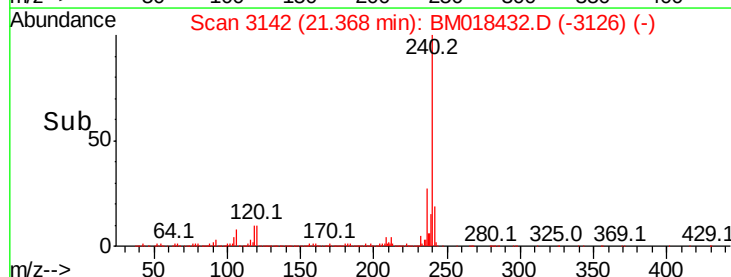


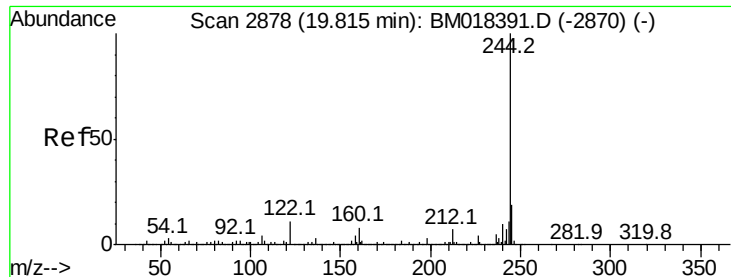
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#79

Terphenyl-d14

Concen: 93.275 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018432.D

Acq: 28 Dec 2018 13:31

Instrument :

BNA_M

ClientSampled :

G-C

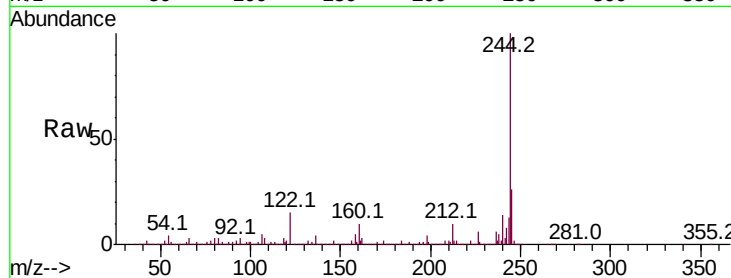
Tot Ion:244 Resp:12586814

Ion Ratio Lower Upper

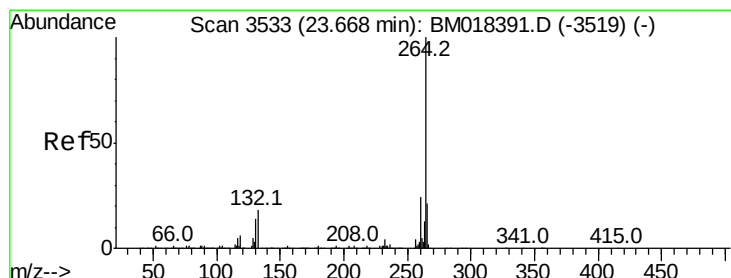
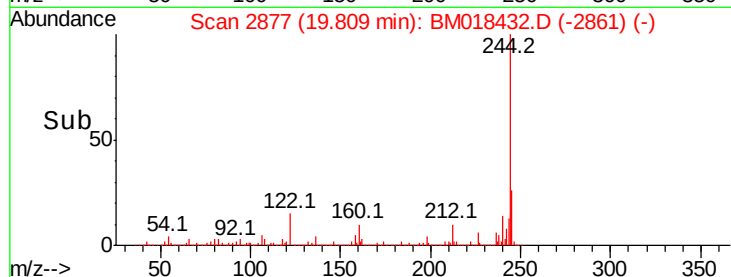
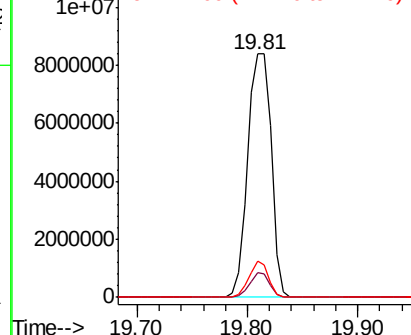
244 100

212 10.1 5.9 8.9#

122 14.9 9.0 13.4#



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: 23.66 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM018432.D

Acq: 28 Dec 2018 13:31

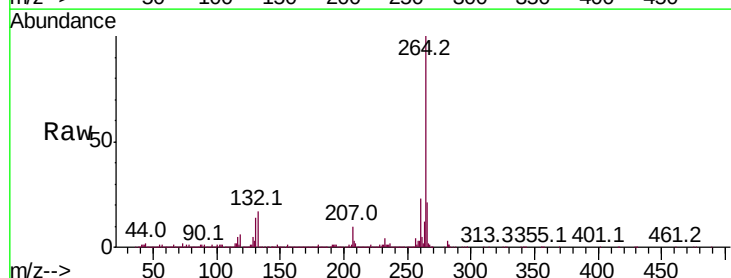
Tgt Ion:264 Resp: 2496623

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.3 16.8 25.2



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

