

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018405.D
 Acq On : 27 Dec 2018 20:29
 Operator : JU/SJ
 Sample : PB116035BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

Quant Time: Dec 28 04:36:47 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	256256	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1182838	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	753193	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1800782	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2076818	20.00	ng	0.00
87) Perylene-d12	23.66	264	2248722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	161722	11.90	ng	0.00
7) Phenol-d6	6.93	99	162281	8.60	ng	0.00
23) Nitrobenzene-d5	8.95	82	486866	23.62	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	210586	22.00	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1398301	25.14	ng	0.00
79) Terphenyl-d14	19.81	244	3461091	35.51	ng	0.00

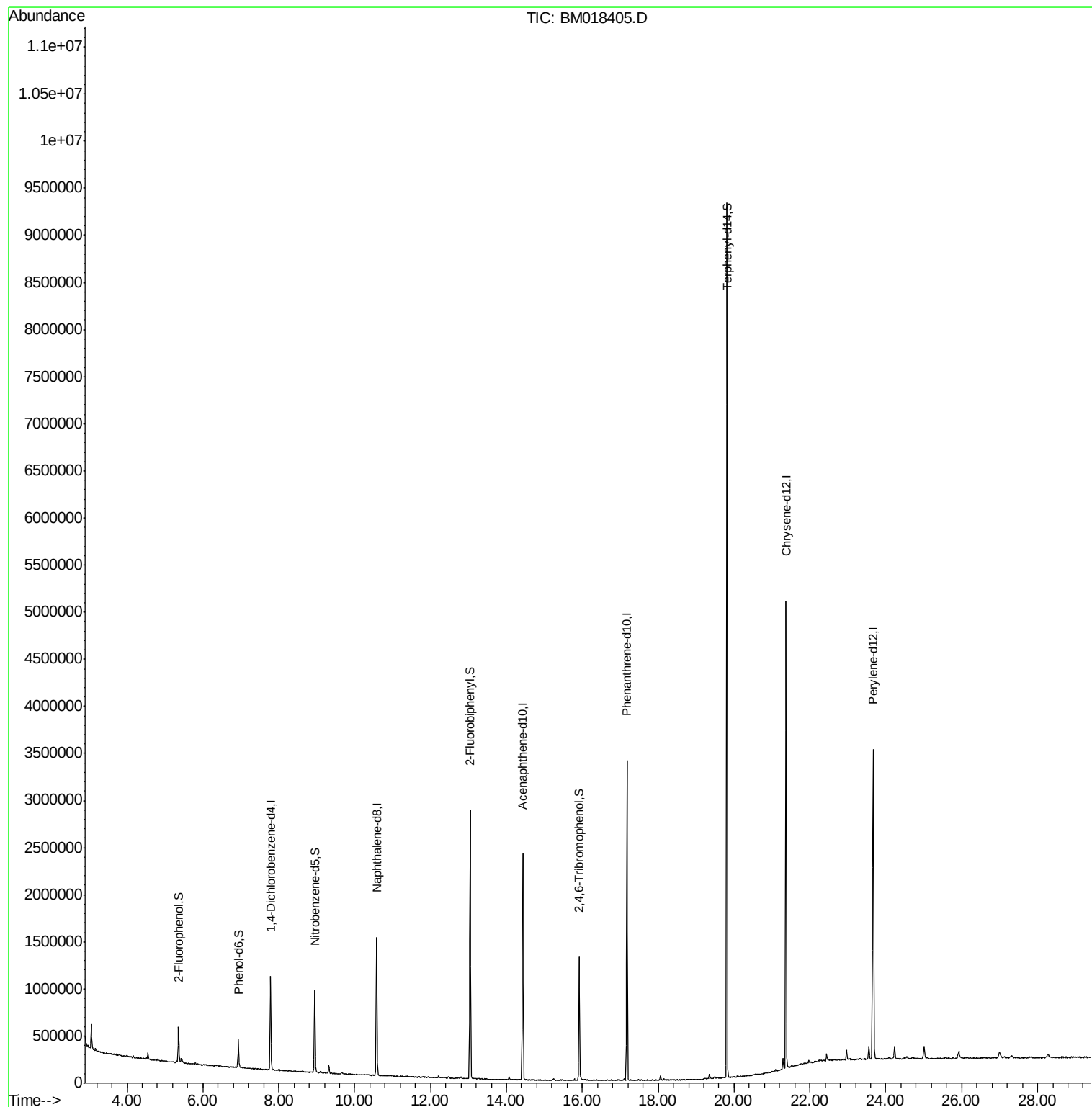
Target Compounds Qvalue

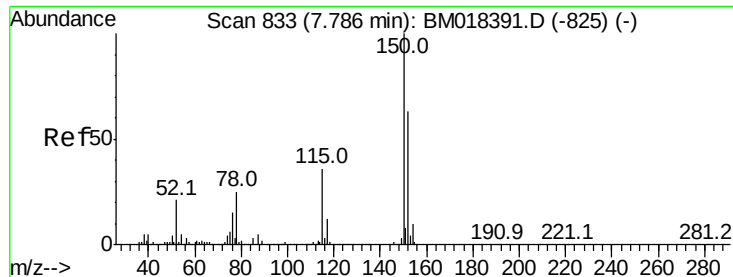
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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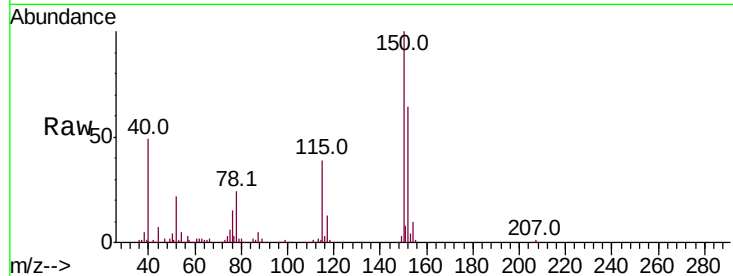


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

Instrument :
BNA_M
ClientSampleId :
PB116035BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.9	190.3
115	60.6	45.5	68.3

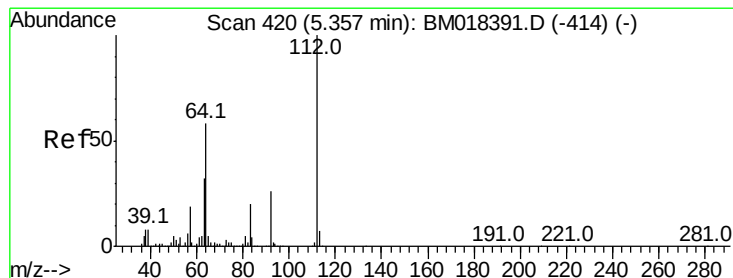
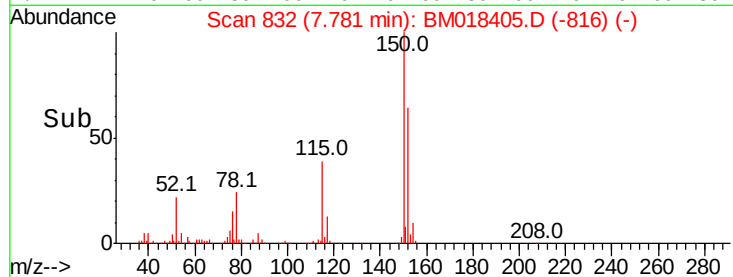
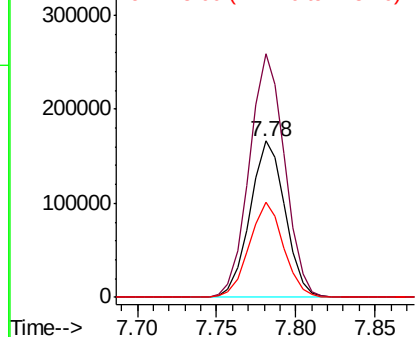


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

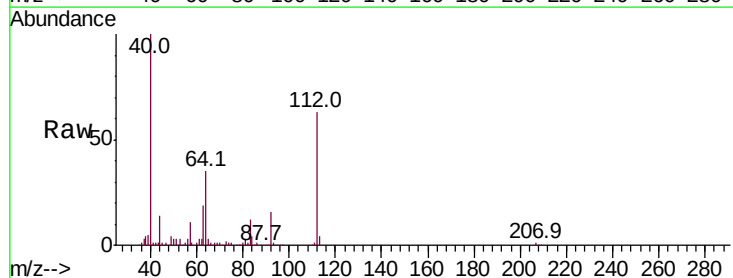
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 11.898 ng
RT: 5.36 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.5	69.7
63	30.2	25.2	37.8

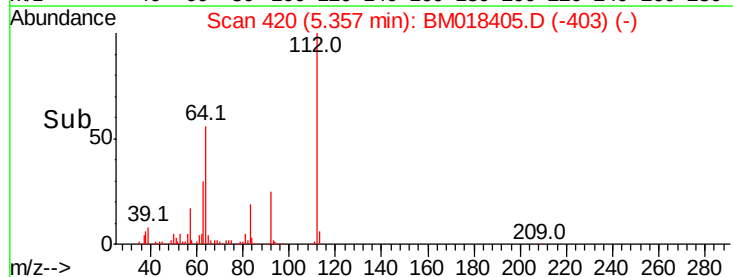
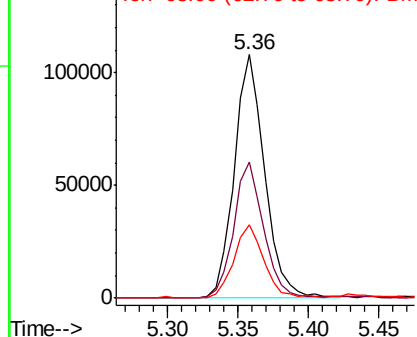


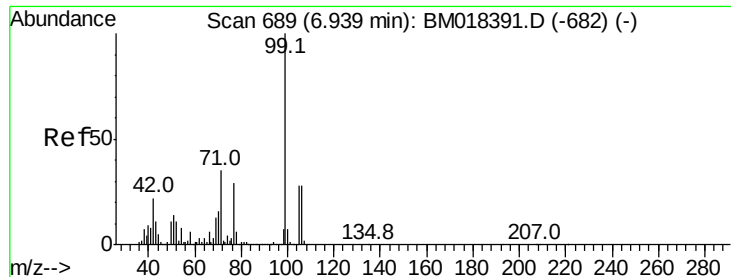
Abundance

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: 8.598 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

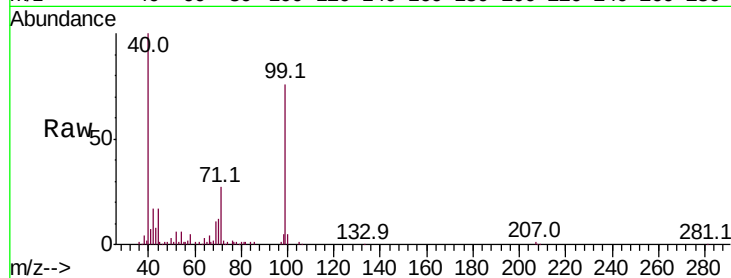
Tot Ion: 99 Resp: 162281

Ion Ratio Lower Upper

99 100

42 22.9 17.3 25.9

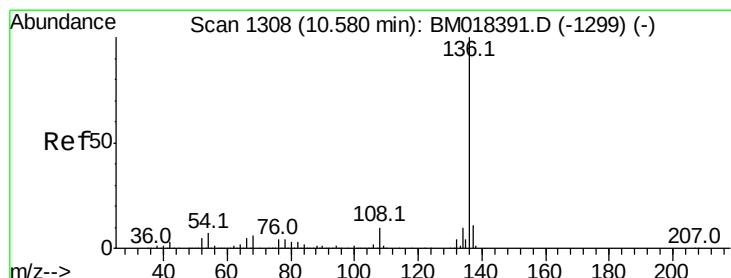
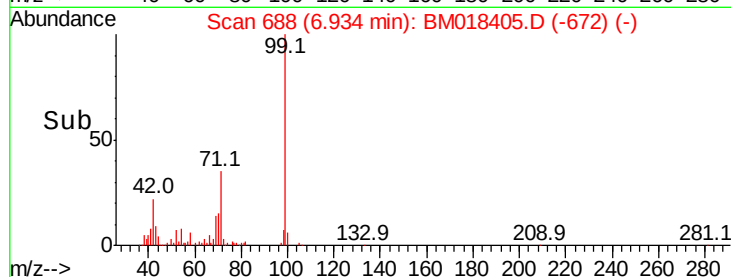
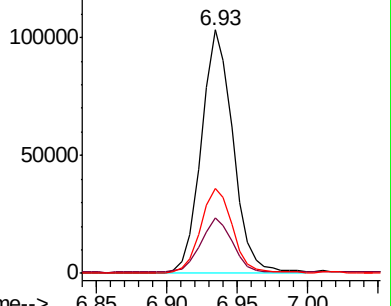
71 35.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Tgt Ion: 136 Resp: 1182838

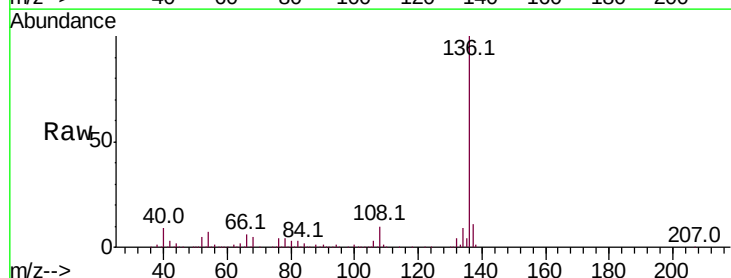
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 6.0 9.0

68 5.1 4.5 6.7

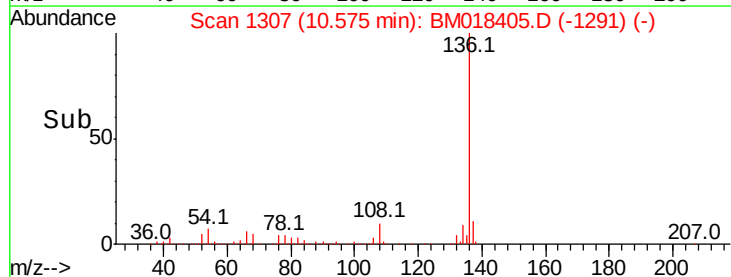
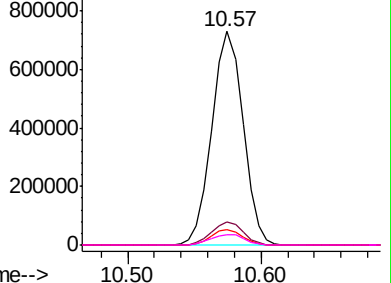


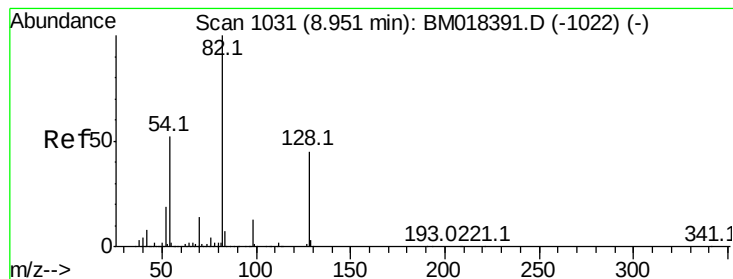
Abundance Ion 136.00 (135.70 to 136.70): BM018391.D (-1299) (-)

Ion 137.00 (136.70 to 137.70): BM018391.D (-1299) (-)

Ion 54.00 (53.70 to 54.70): BM018391.D (-1299) (-)

Ion 68.00 (67.70 to 68.70): BM018391.D (-1299) (-)





#23

Nitrobenzene-d5

Concen: 23.624 ng

RT: 8.95 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

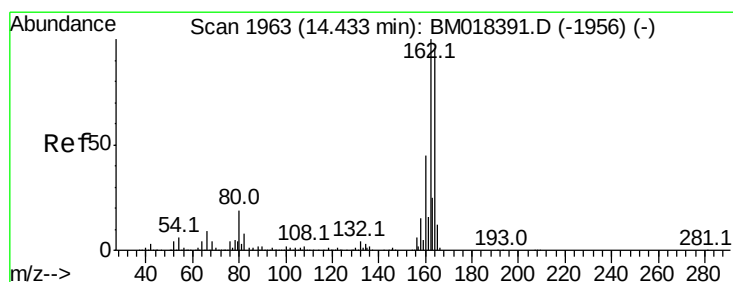
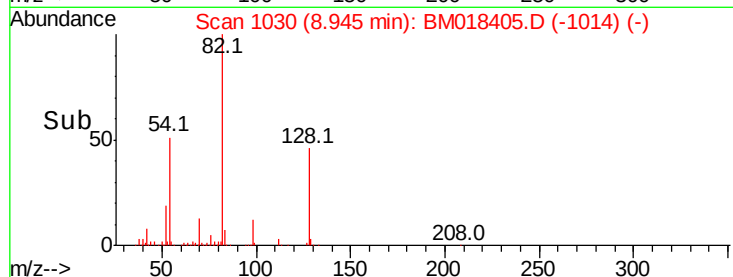
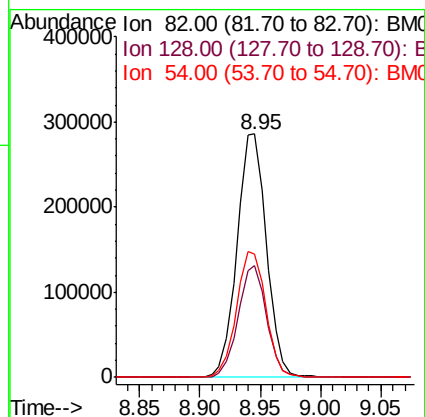
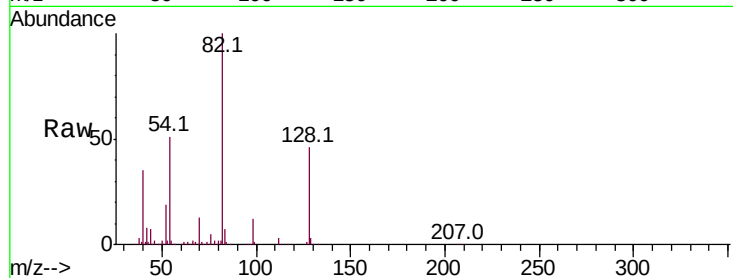
Tot Ion: 82 Resp: 486866

Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

54 50.6 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: BM018405.D

Acq: 27 Dec 2018 20:29

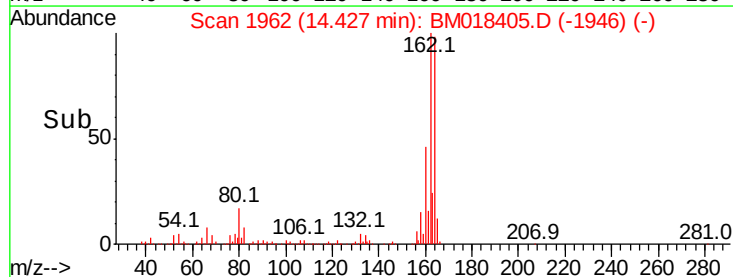
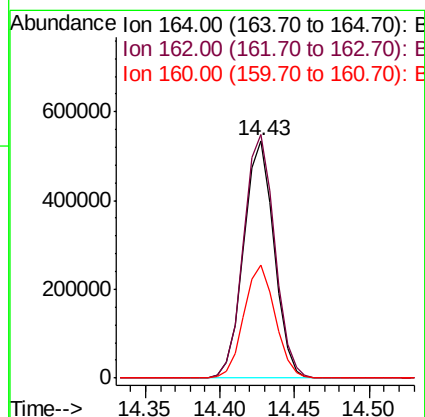
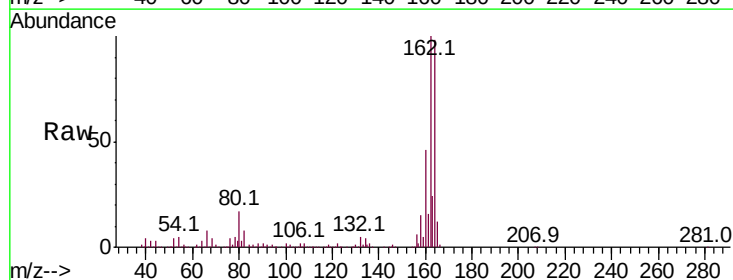
Tgt Ion: 164 Resp: 753193

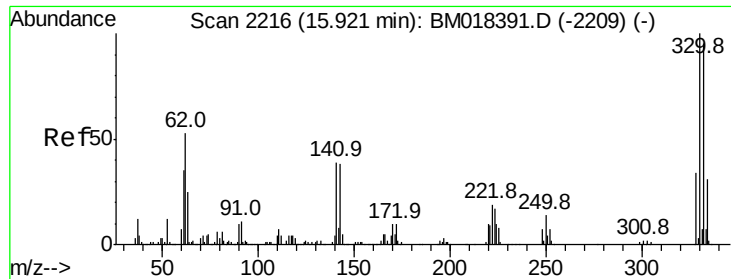
Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.4

160 47.5 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 22.005 ng

RT: 15.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

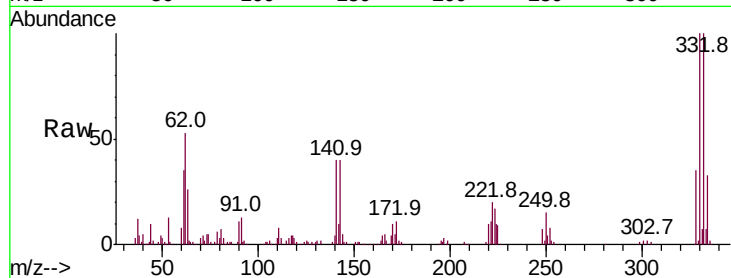
Tot Ion:330 Resp: 210586

Ion Ratio Lower Upper

330 100

332 97.2 77.6 116.4

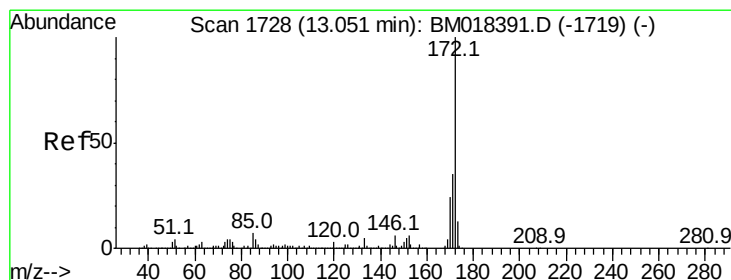
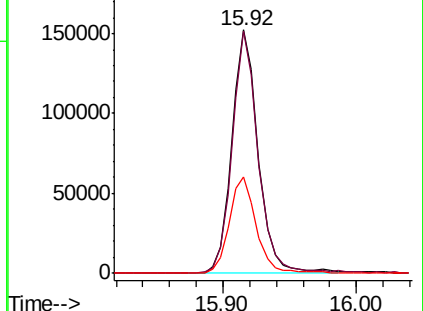
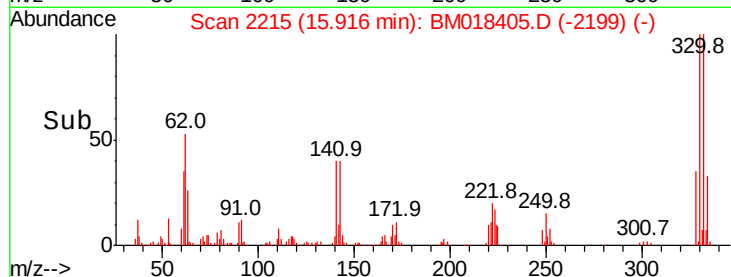
141 40.4 31.7 47.5



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: 25.144 ng

RT: 13.05 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

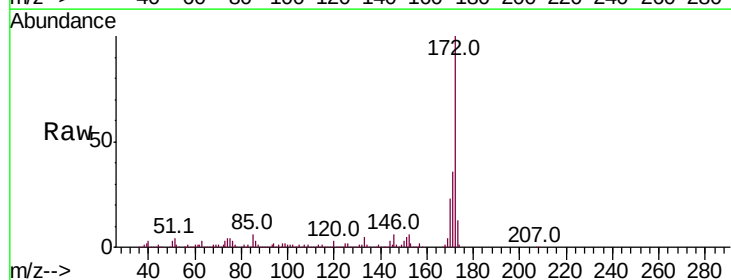
Tgt Ion:172 Resp: 1398301

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

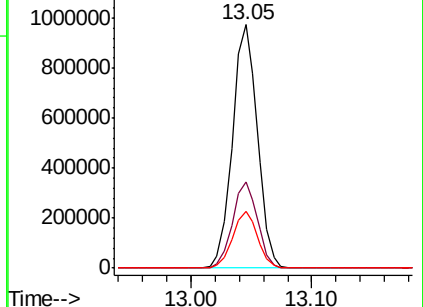
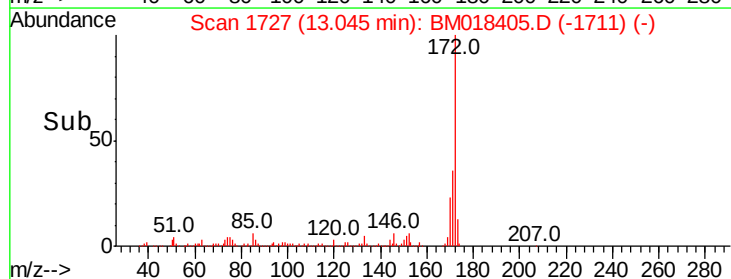
170 23.1 18.9 28.3

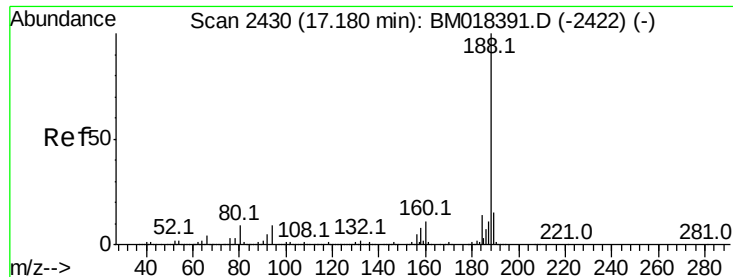


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.17 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

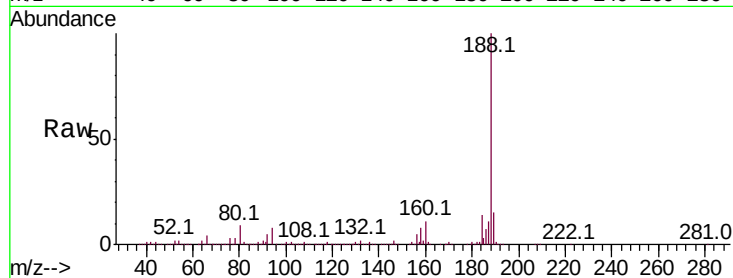
Tot Ion:188 Resp: 1800782

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

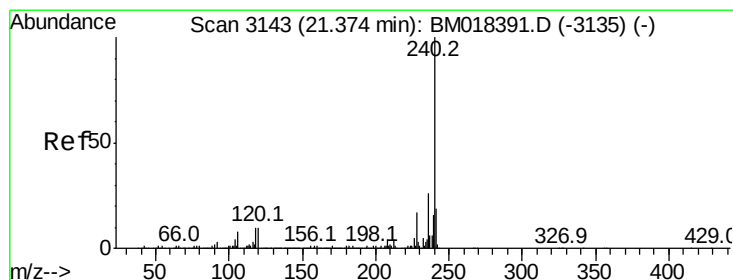
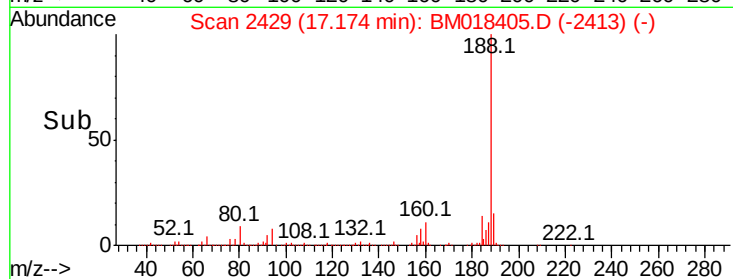
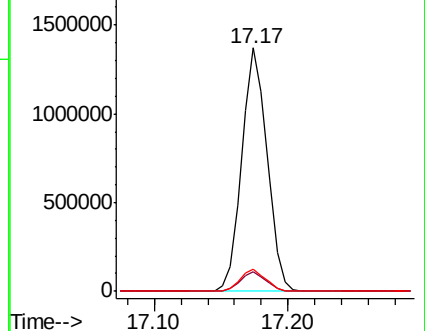
80 9.3 7.6 11.4



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: 21.37 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

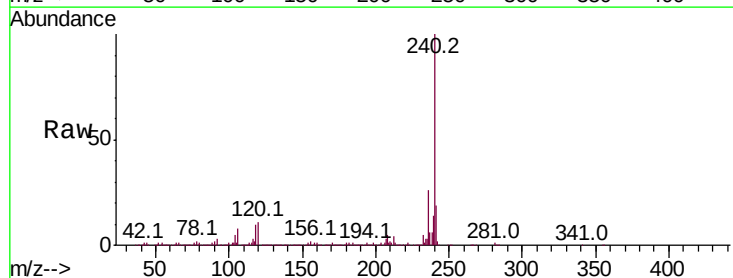
Tgt Ion:240 Resp: 2076818

Ion Ratio Lower Upper

240 100

120 11.1 8.4 12.6

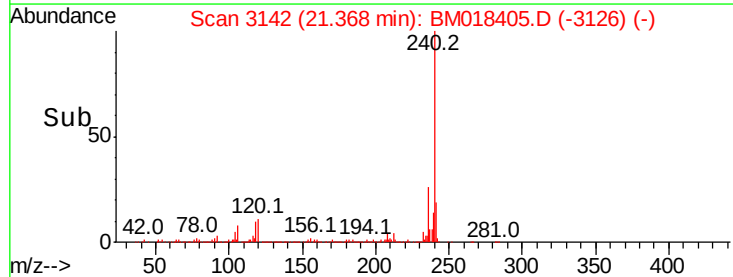
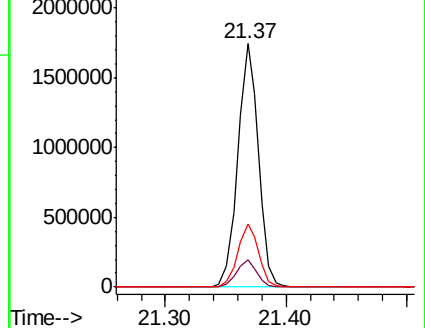
236 26.2 20.7 31.1

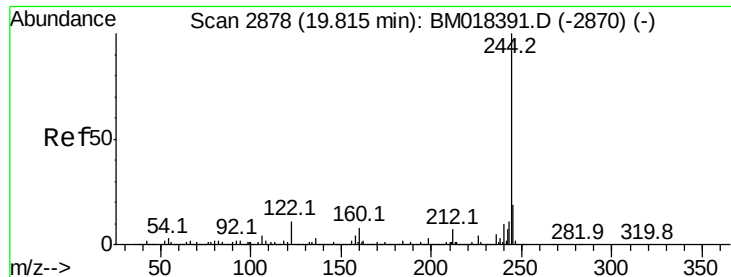


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 35.512 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

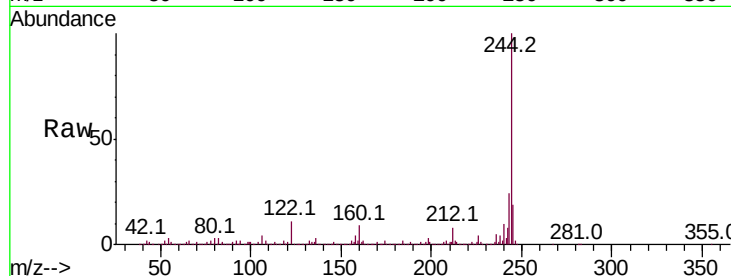
Tot Ion:244 Resp: 3461091

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

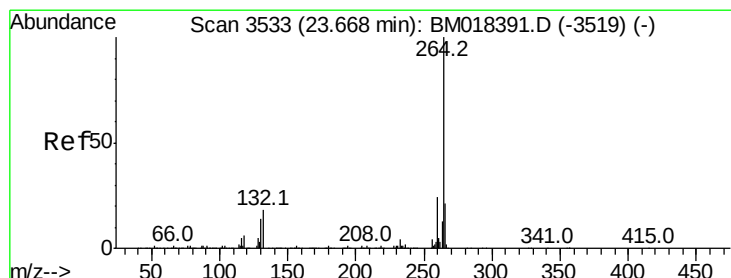
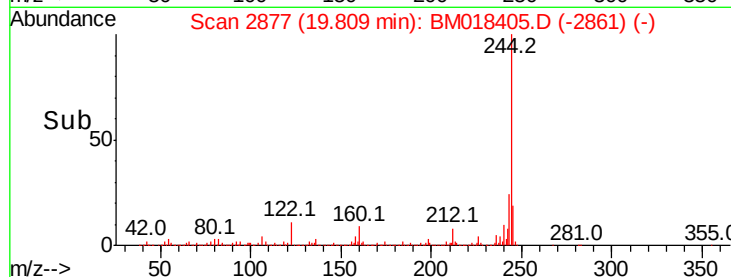
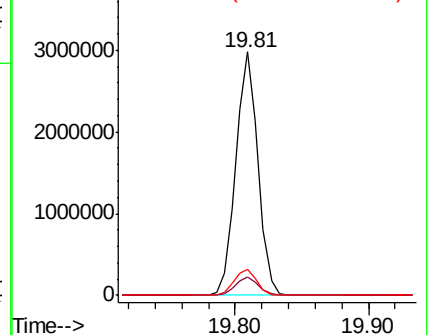
122 10.6 9.0 13.4



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: BM018405.D

Acq: 27 Dec 2018 20:29

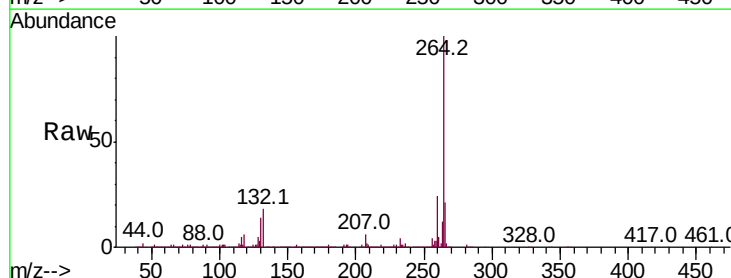
Tgt Ion:264 Resp: 2248722

Ion Ratio Lower Upper

264 100

260 23.9 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

