

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018402.D
 Acq On : 27 Dec 2018 18:41
 Operator : JU/SJ
 Sample : J6569-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381128115-4

Quant Time: Dec 28 04:27:16 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	306967	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1422257	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	857315	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2019948	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2295110	20.00	ng	0.00
87) Perylene-d12	23.66	264	2502782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	115355	7.08	ng	0.00
7) Phenol-d6	6.93	99	121951	5.39	ng	0.00
23) Nitrobenzene-d5	8.95	82	441375	17.81	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	304932	27.99	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1367419	21.60	ng	0.00
79) Terphenyl-d14	19.81	244	3975255	36.91	ng	0.00

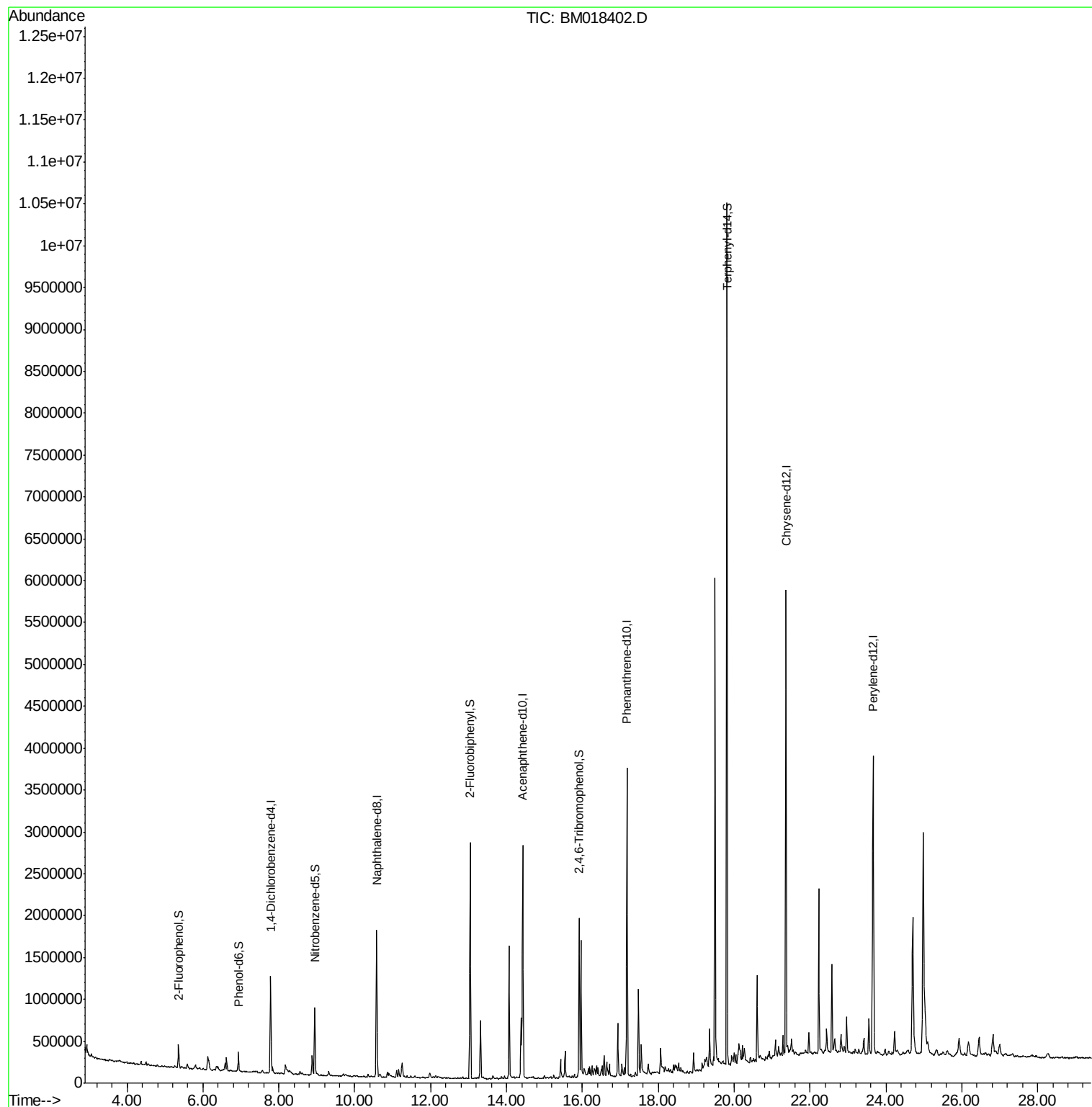
Target Compounds Qvalue

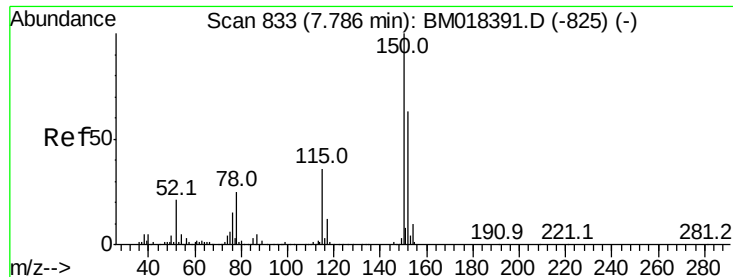
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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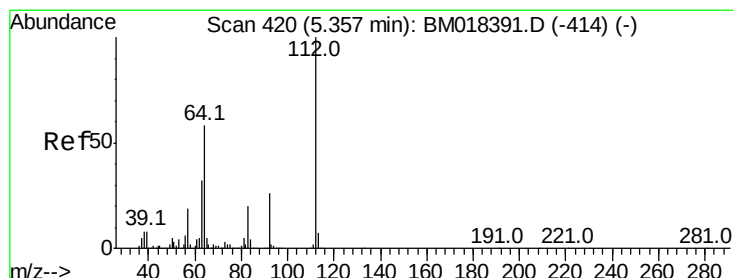
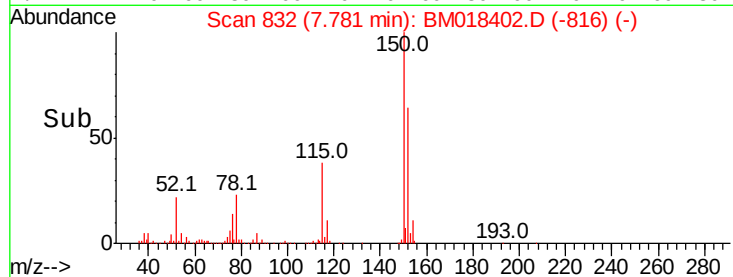
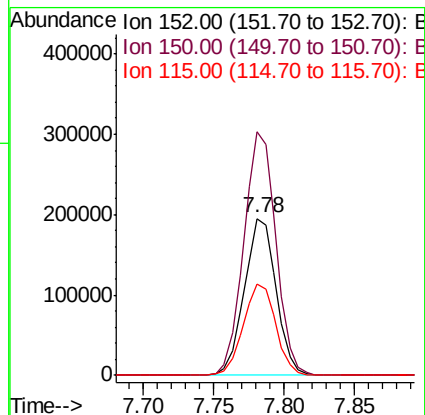
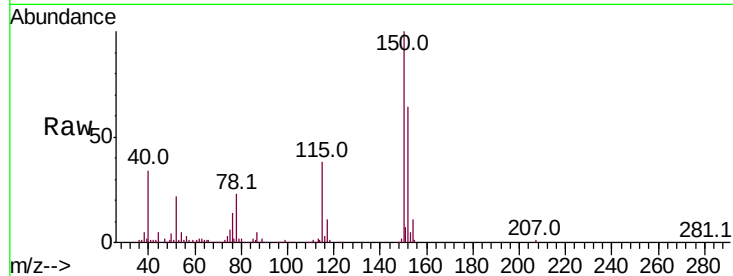


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.78 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BM018402.D
 Acq: 27 Dec 2018 18:41

Instrument :
 BNA_M
 ClientSampleId :
 381128115-4

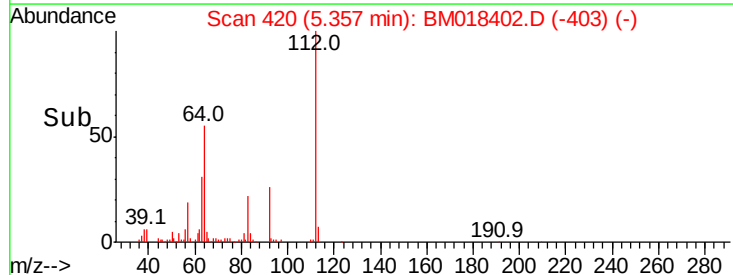
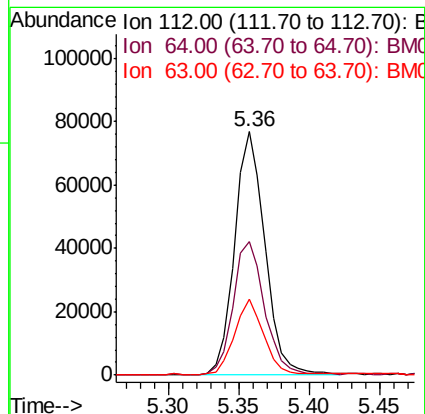
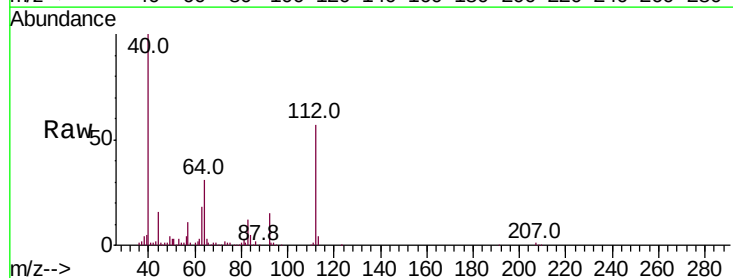
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.9	190.3
115	58.7	45.5	68.3

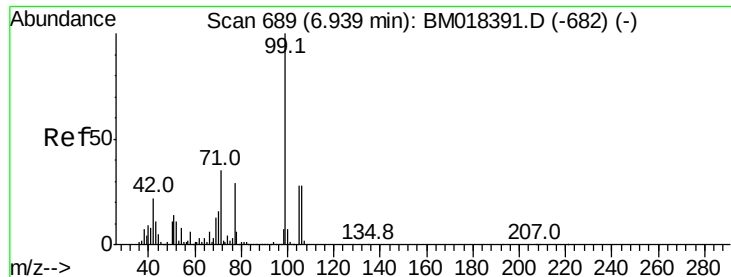


#5

2-Fluorophenol
 Concen: 7.085 ng
 RT: 5.36 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BM018402.D
 Acq: 27 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.5	69.7
63	31.0	25.2	37.8





#7

Phenol-d6

Concen: 5.394 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018402.D

Acq: 27 Dec 2018 18:41

Instrument :

BNA_M

ClientSampleId :

381128115-4

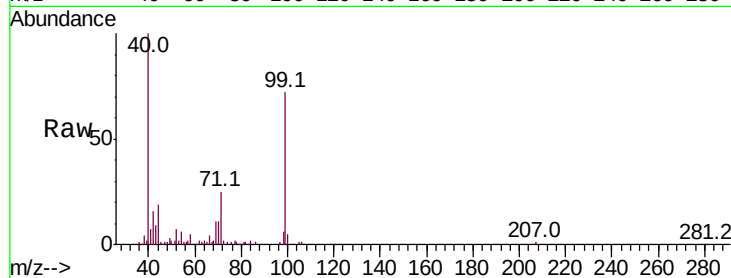
Tot Ion: 99 Resp: 121951

Ion Ratio Lower Upper

99 100

42 22.3 17.3 25.9

71 34.9 28.0 42.0

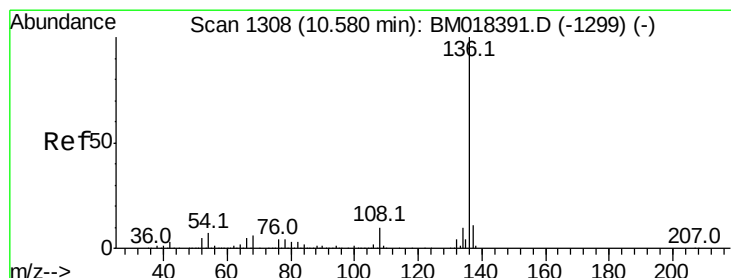
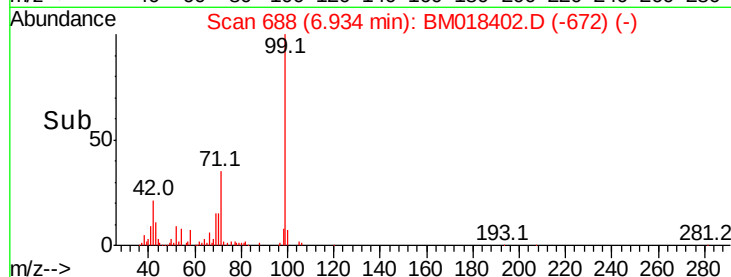
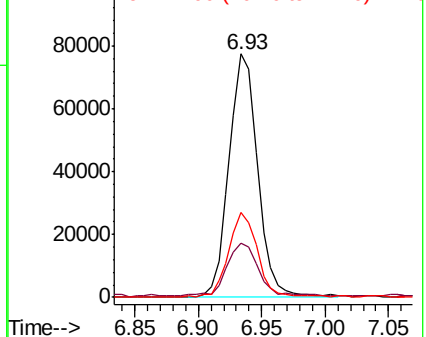


Abundance

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: BM018402.D

Acq: 27 Dec 2018 18:41

Tgt Ion: 136 Resp: 1422257

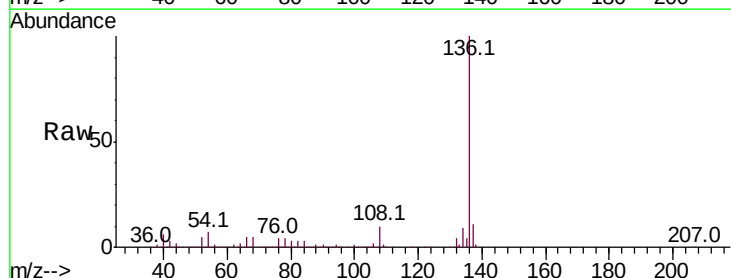
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.3 6.0 9.0

68 5.1 4.5 6.7



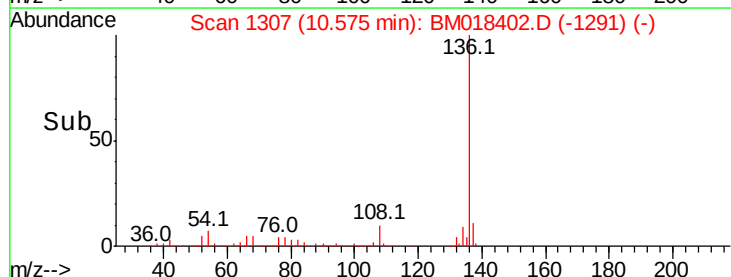
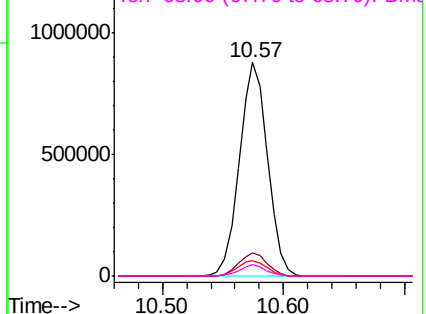
Abundance

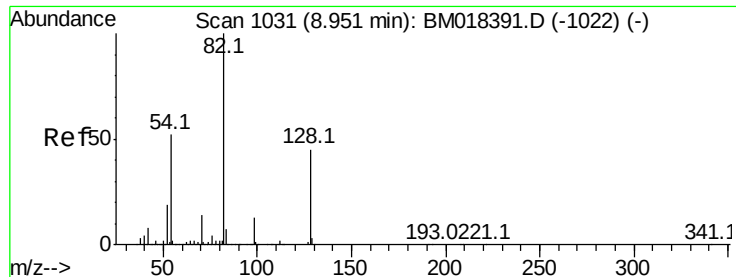
Ion 136.00 (135.70 to 136.70): BM018391.D (-1299) (-)

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) (-)

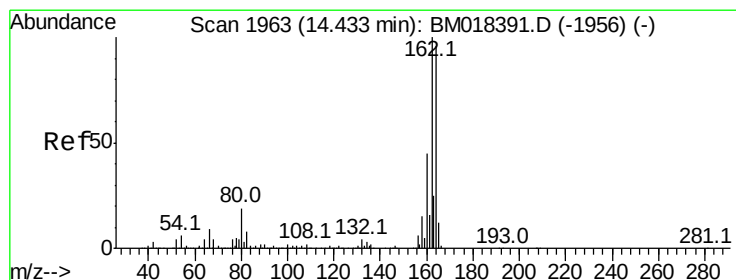
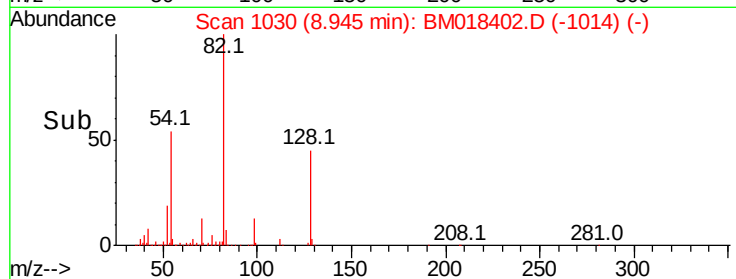
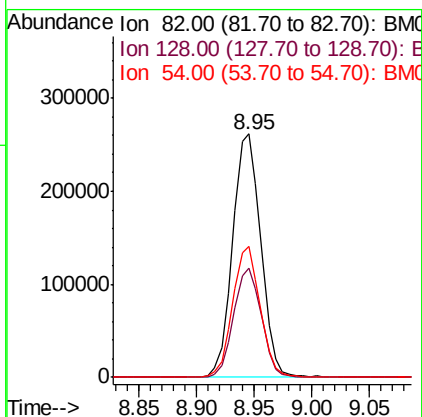
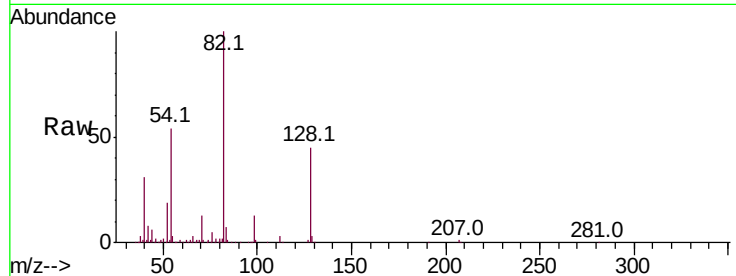




#23
Nitrobenzene-d5
Concen: 17.811 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

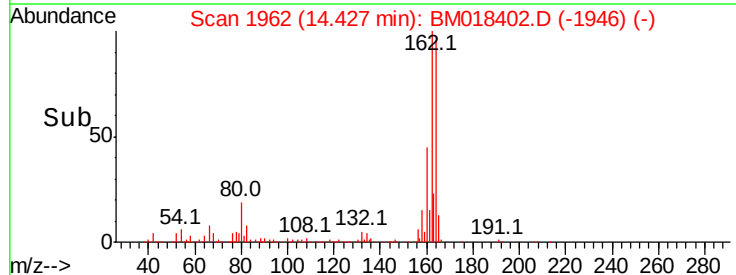
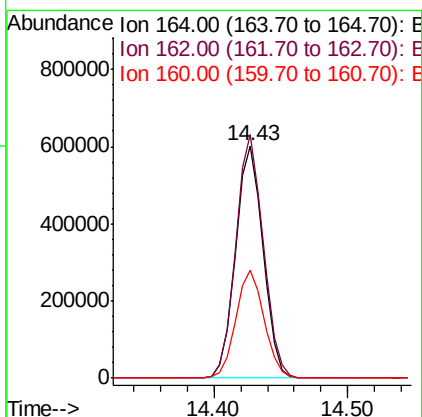
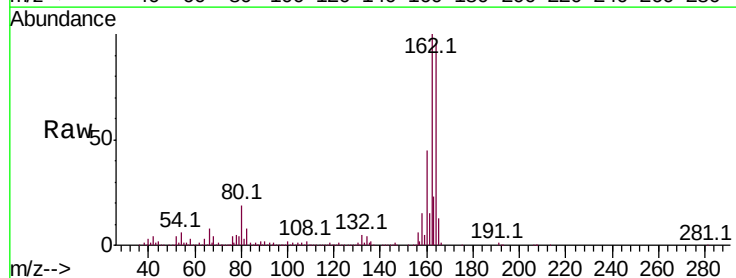
Instrument :
BNA_M
ClientSampleId :
381128115-4

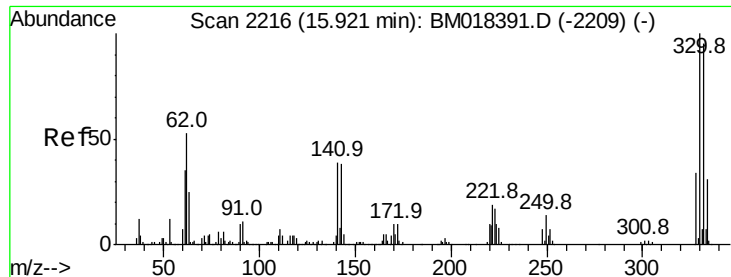
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.3	54.5
54	53.7	41.7	62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.4
160	46.6	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 27.994 ng

RT: 15.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BM018402.D

Acq: 27 Dec 2018 18:41

Instrument :

BNA_M

ClientSampleId :

381128115-4

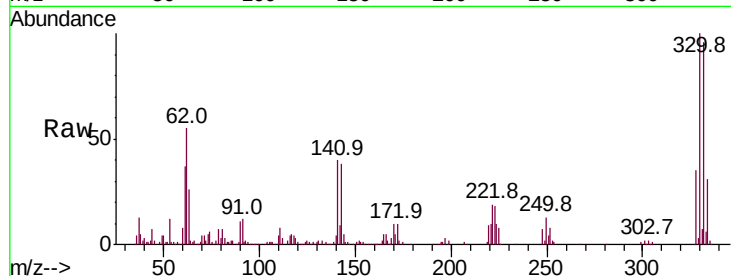
Tot Ion:330 Resp: 304932

Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

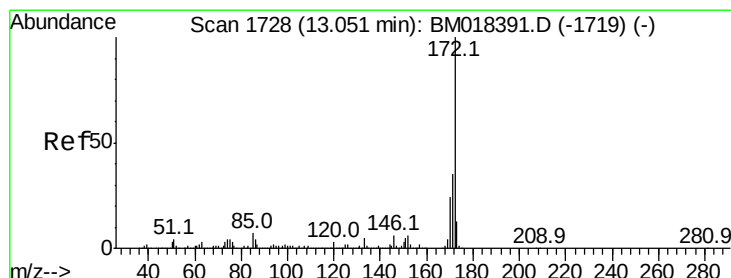
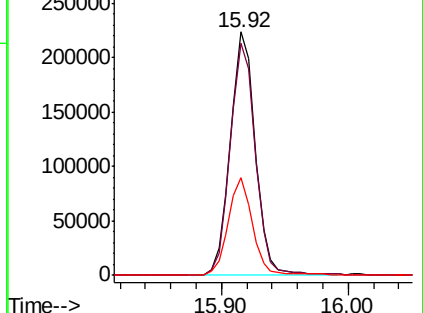
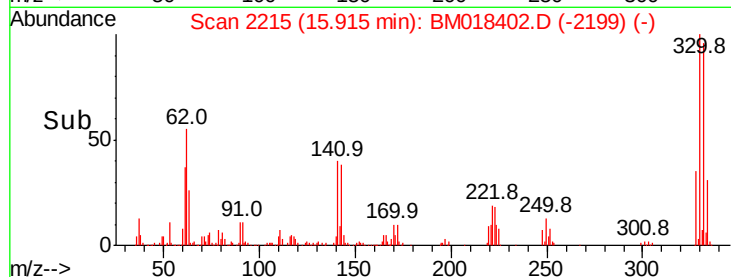
141 38.9 31.7 47.5



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: 21.603 ng

RT: 13.04 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BM018402.D

Acq: 27 Dec 2018 18:41

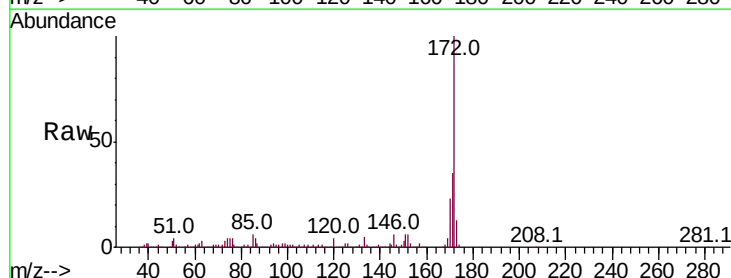
Tgt Ion:172 Resp: 1367419

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

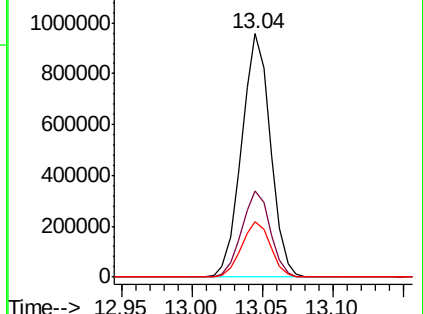
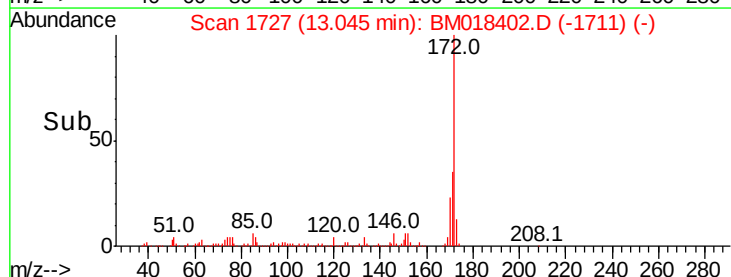
170 22.8 18.9 28.3

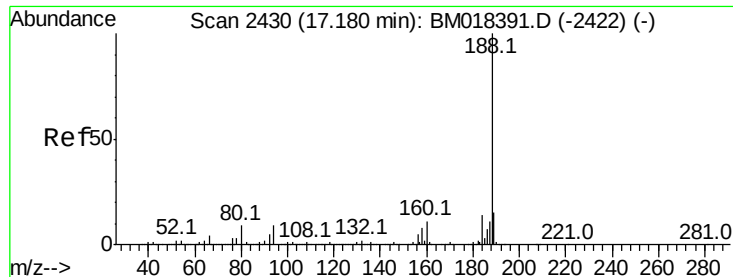


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

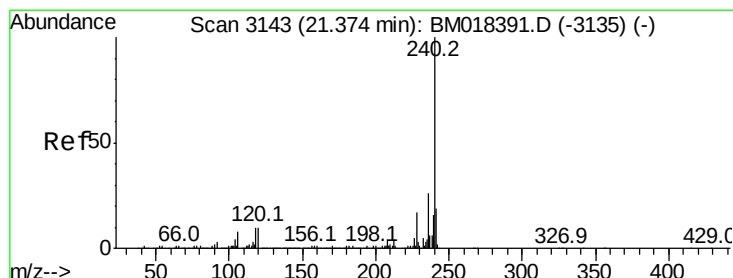
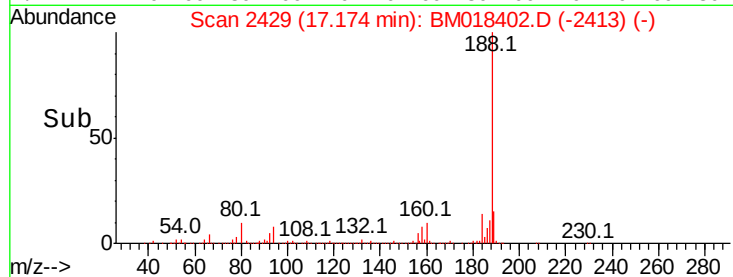
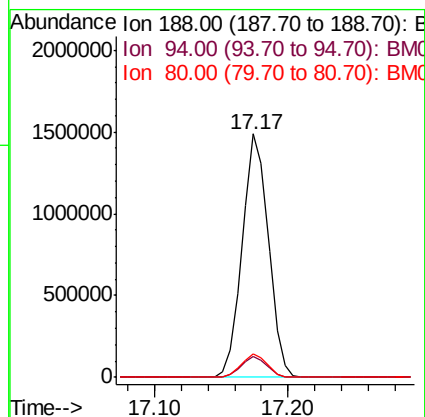
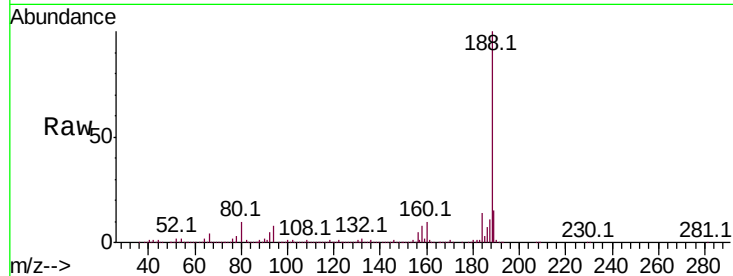




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

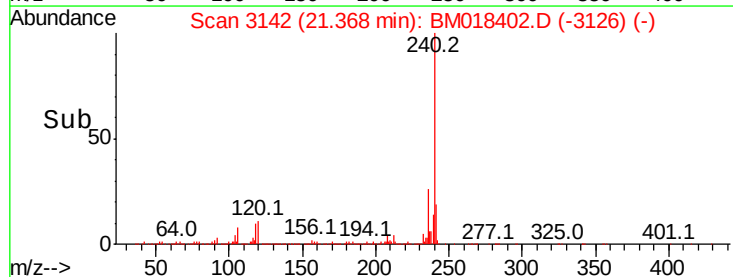
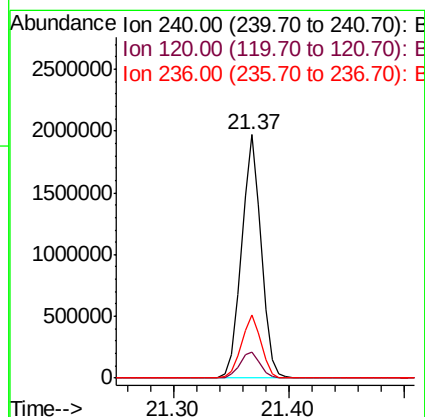
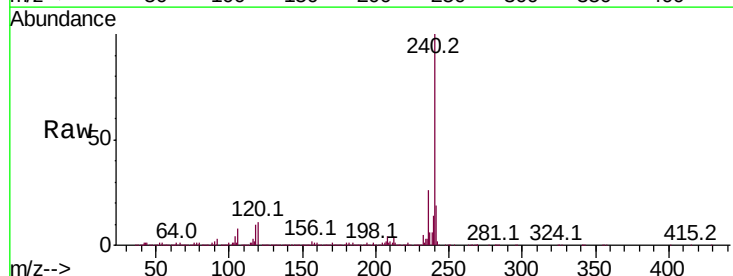
Instrument :
BNA_M
ClientSampleId :
381128115-4

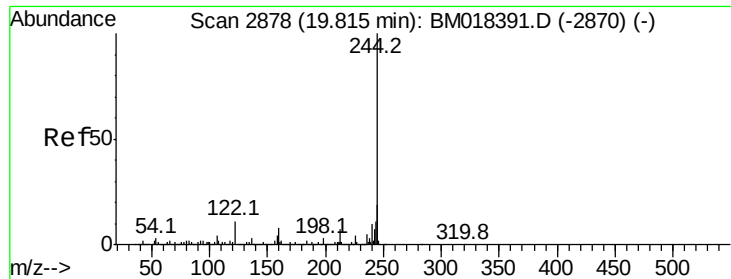
Tot Ion:188 Resp: 2019948
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018402.D
Acq: 27 Dec 2018 18:41

Tgt Ion:240 Resp: 2295110
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 36.908 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018402.D

Acq: 27 Dec 2018 18:41

Instrument :

BNA_M

ClientSampleId :

381128115-4

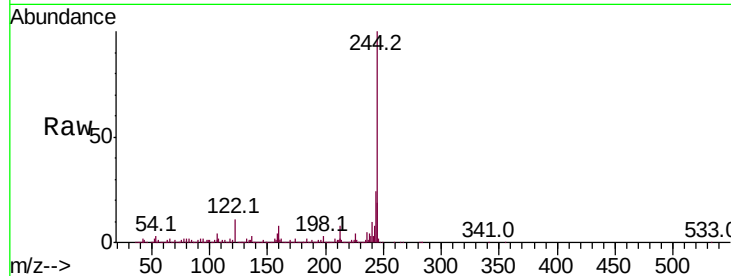
Tot Ion:244 Resp: 3975255

Ion Ratio Lower Upper

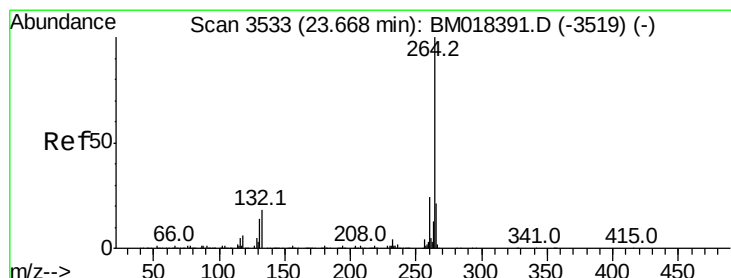
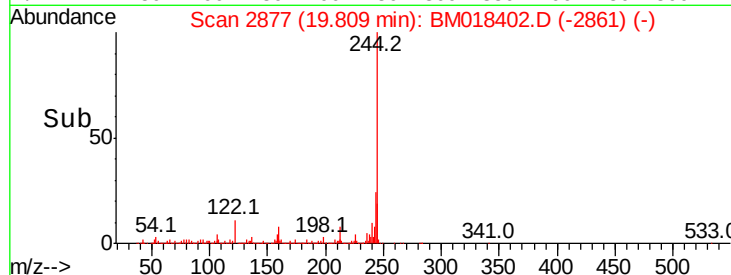
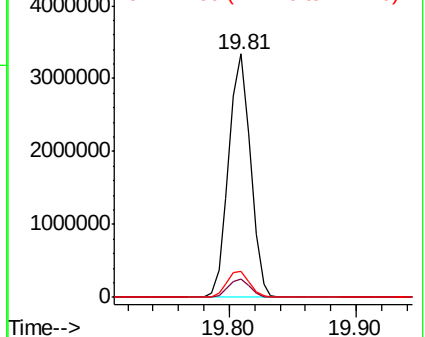
244 100

212 7.8 5.9 8.9

122 10.9 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: BM018402.D

Acq: 27 Dec 2018 18:41

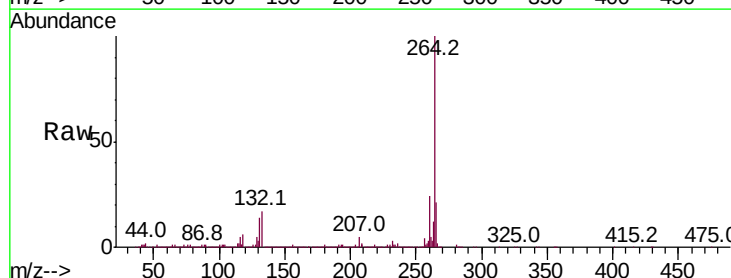
Tgt Ion:264 Resp: 2502782

Ion Ratio Lower Upper

264 100

260 23.6 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

