

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018481.D
 Acq On : 09 Jan 2019 20:06
 Operator : JU/SJ
 Sample : K1006-19 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-J

Quant Time: Jan 10 05:39:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

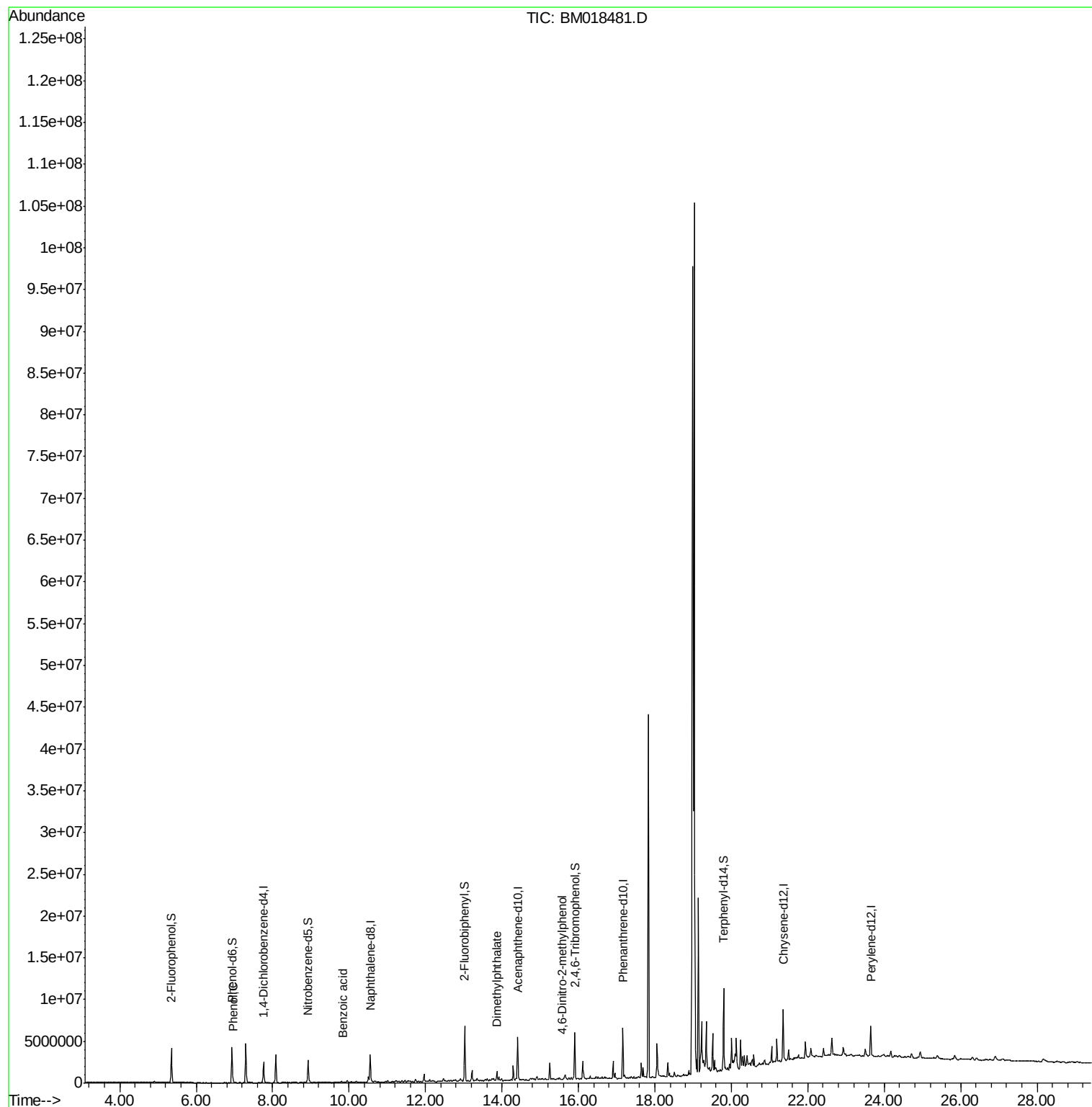
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	657113	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2808171	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1616362	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3636019	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2742723	20.00	ng	0.00
87) Perylene-d12	23.64	264	2635963	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1751537	49.22	ng	0.00
7) Phenol-d6	6.94	99	2357753	52.16	ng	0.00
23) Nitrobenzene-d5	8.93	82	1433850	29.60	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	963291	46.81	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	3467428	27.99	ng	0.00
79) Terphenyl-d14	19.80	244	4531624	34.83	ng	0.01
Target Compounds						
9) Benzaldehyde	6.89	77	402	Below Cal		Qvalue # 19
10) Phenol	6.96	94	101630	2.213	ng	89
32) Benzoic acid	9.84	122	559	6.523	ng	# 1
50) Dimethylphthalate	13.87	163	402378	3.031	ng	99
65) 4,6-Dinitro-2-methylphenol	15.58	198	206	5.401	ng	# 1

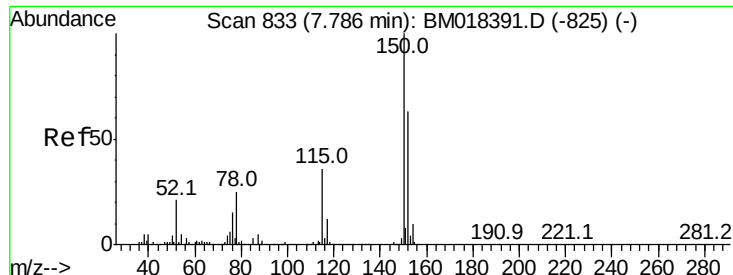
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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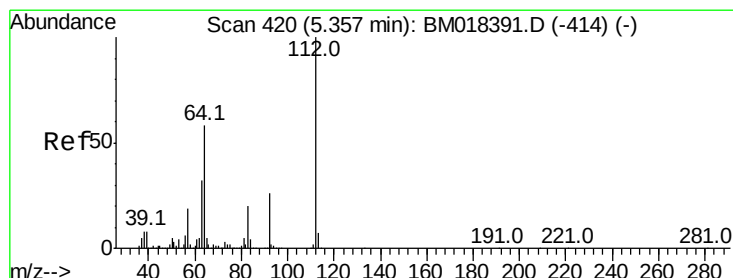
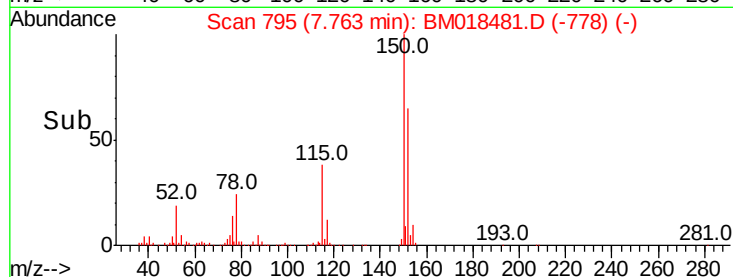
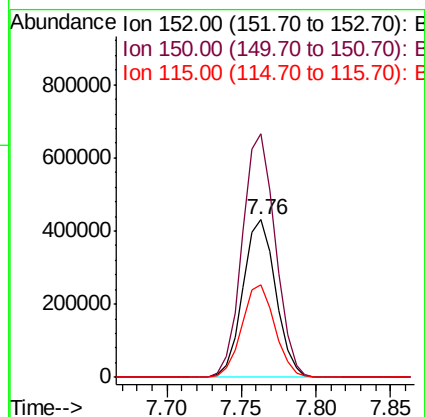
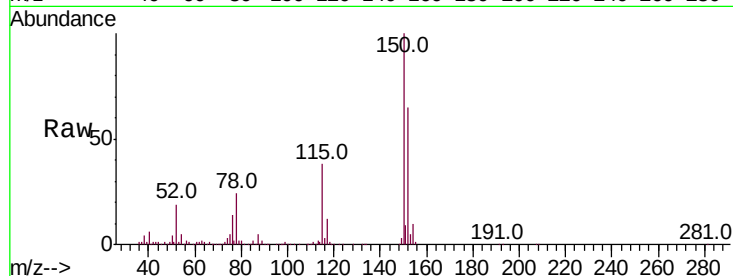


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-J

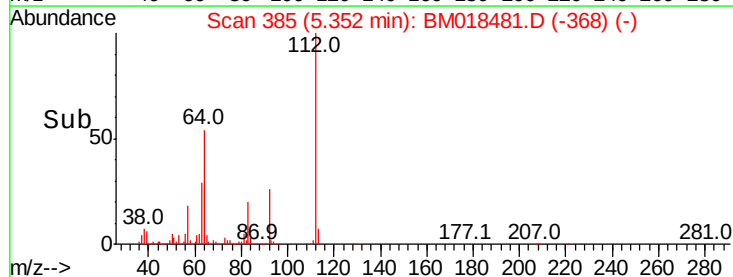
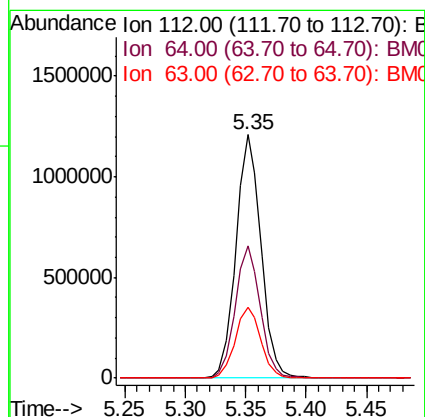
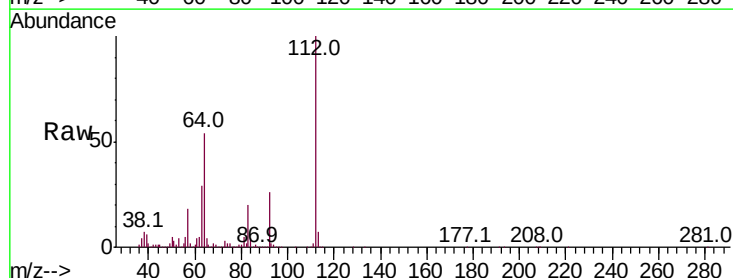
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.9	190.3
115	58.8	45.5	68.3

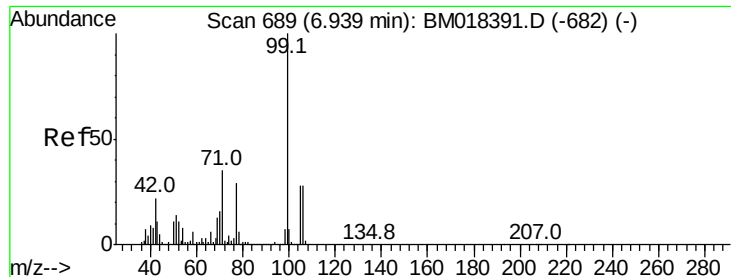


#5

2-Fluorophenol
Concen: 49.218 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.5	69.7
63	29.0	25.2	37.8





#7

Phenol-d6

Concen: 52.163 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018481.D

Acq: 09 Jan 2019 20:06

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-J

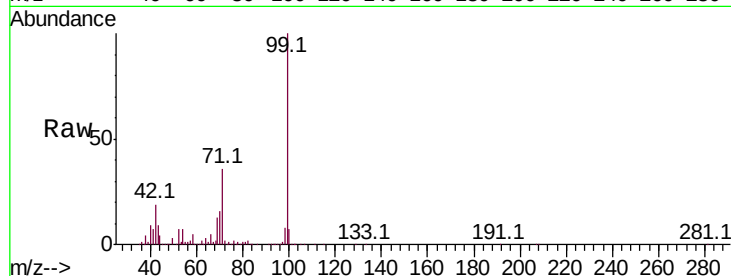
Tot Ion: 99 Resp: 2357753

Ion Ratio Lower Upper

99 100

42 19.0 17.3 25.9

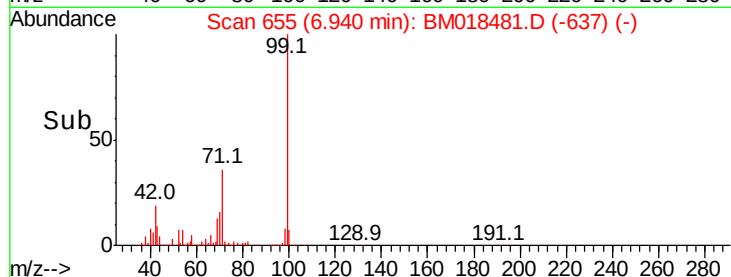
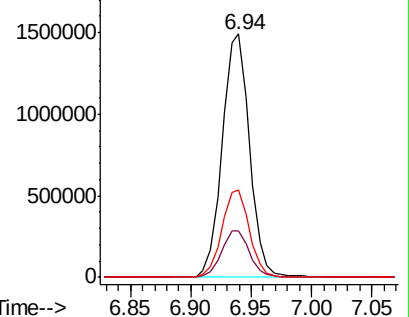
71 35.9 28.0 42.0



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) (-)



#10

Phenol

Concen: 2.213 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM018481.D

Acq: 09 Jan 2019 20:06

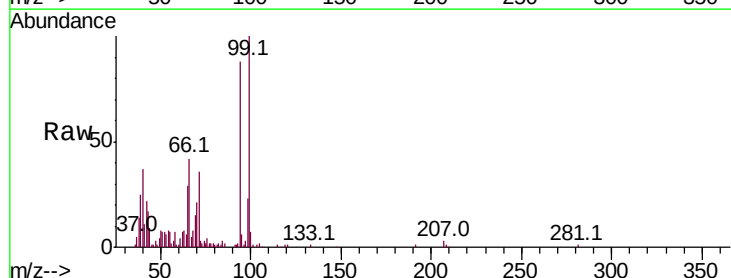
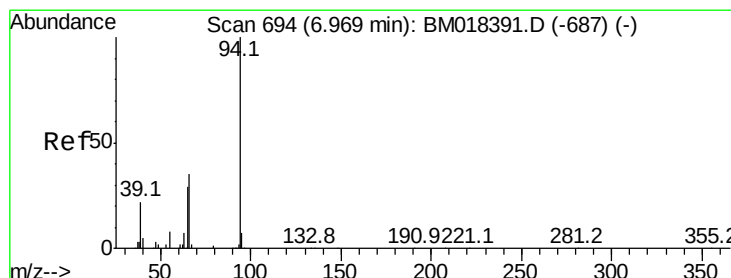
Tgt Ion: 94 Resp: 101630

Ion Ratio Lower Upper

94 100

65 33.2 9.4 49.4

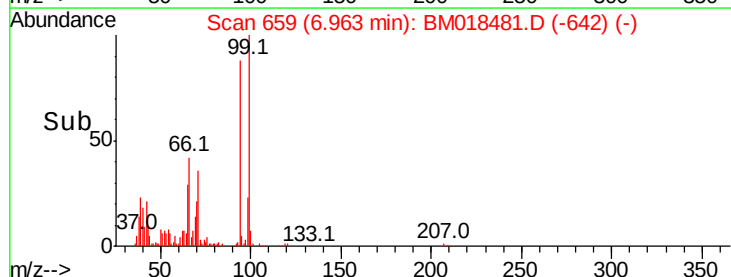
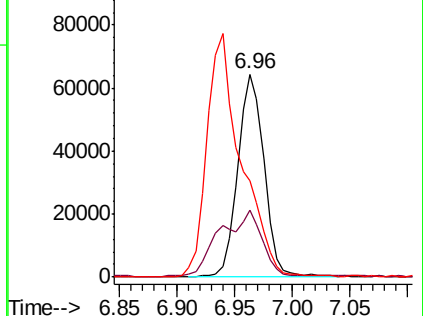
66 47.6 19.1 59.1

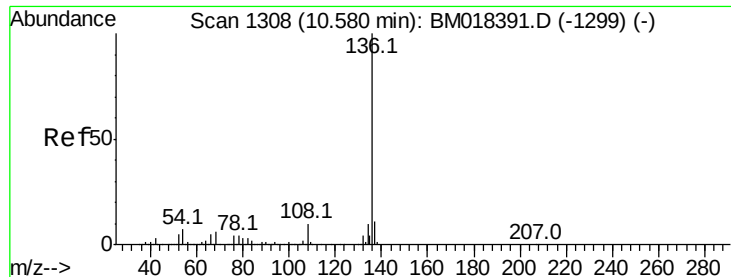


Abundance Ion 94.00 (93.70 to 94.70): BM018391.D (-687) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-687) (-)

Ion 66.00 (65.70 to 66.70): BM018391.D (-687) (-)



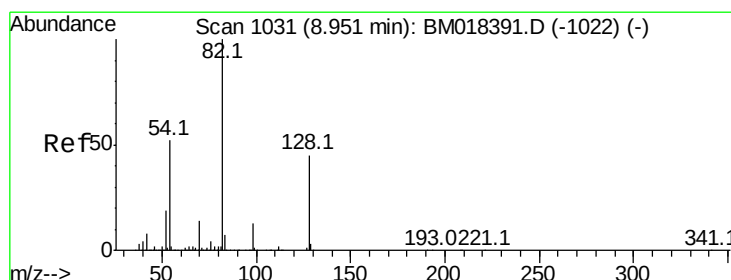
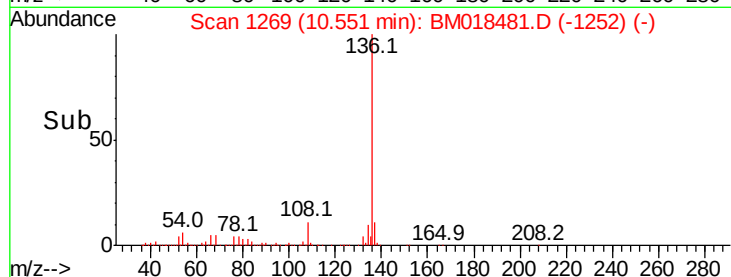
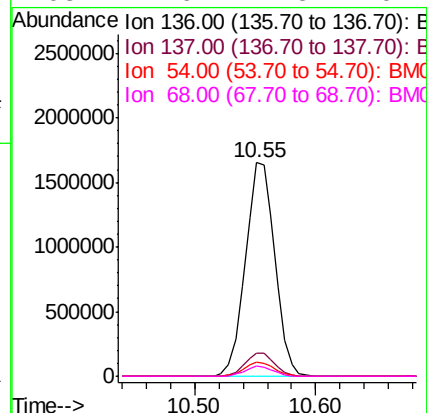
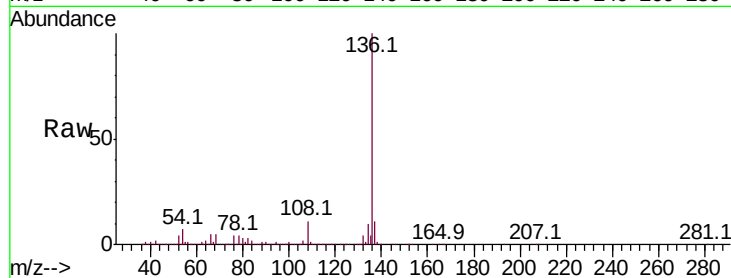


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-J

Tot Ion:136 Resp: 2808171

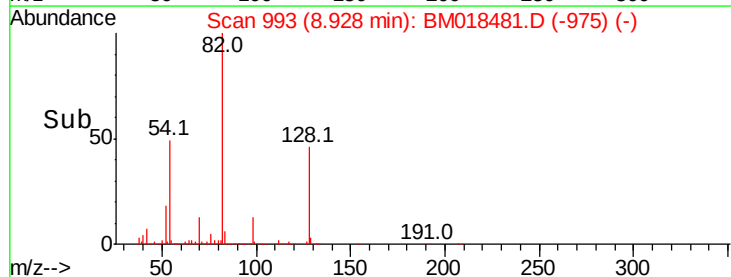
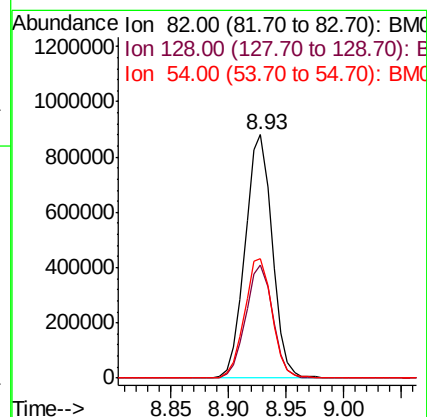
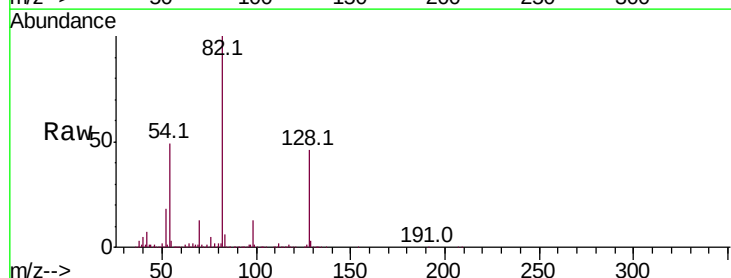
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.5	6.0	9.0
68	4.6	4.5	6.7

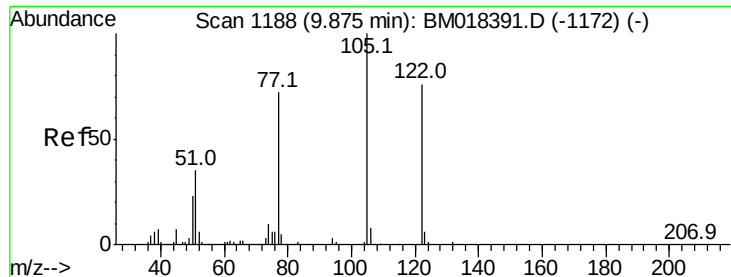


#23
Nitrobenzene-d5
Concen: 29.600 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Tgt Ion: 82 Resp: 1433850

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	49.2	41.7	62.5

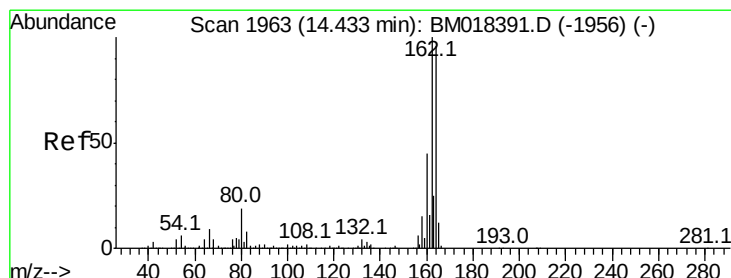
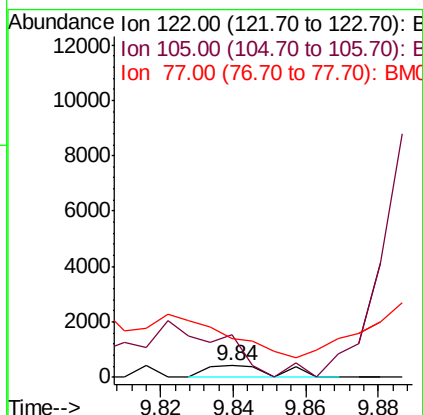
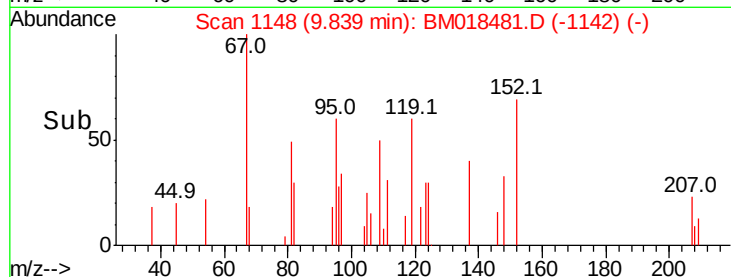
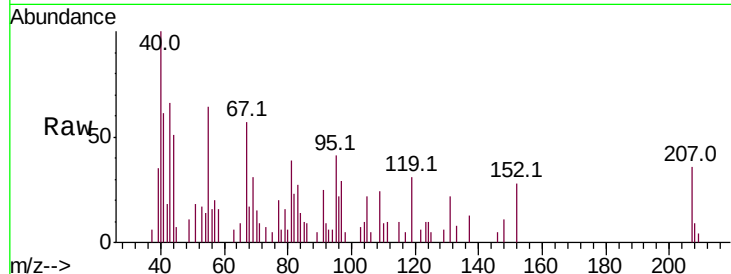




#32
Benzoic acid
Concen: 6.523 ng
RT: 9.84 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

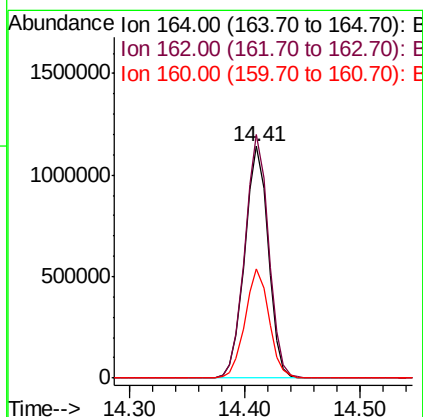
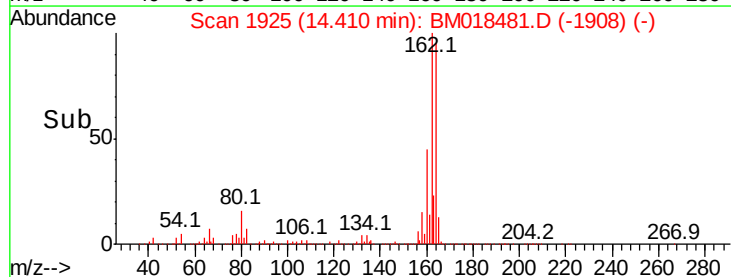
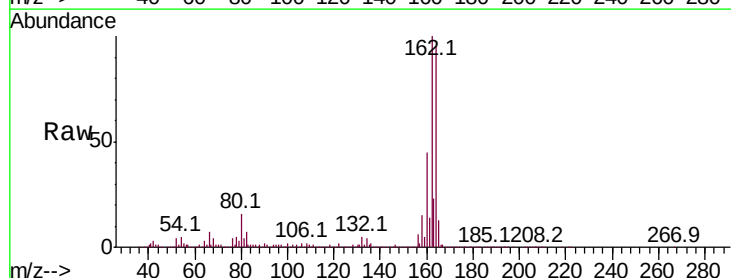
Instrument :
BNA_M
ClientSampleId :
JC-03-010819-J

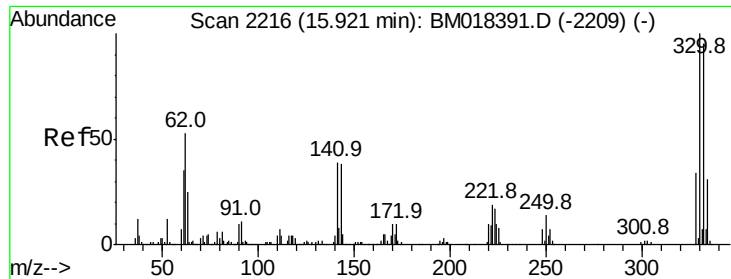
Tot Ion:122 Resp: 559
Ion Ratio Lower Upper
122 100
105 358.9 100.4 140.4#
77 322.7 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM018481.D
Acq: 09 Jan 2019 20:06

Tgt Ion:164 Resp: 1616362
Ion Ratio Lower Upper
164 100
162 105.0 83.0 124.4
160 46.9 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 46.805 ng

RT: 15.90 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BM018481.D

Acq: 09 Jan 2019 20:06

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-J

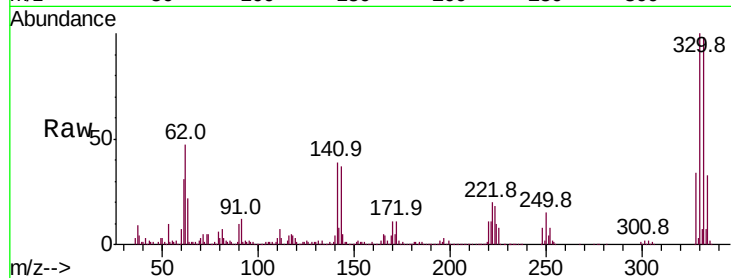
Tot Ion:330 Resp: 963291

Ion Ratio Lower Upper

330 100

332 97.8 77.6 116.4

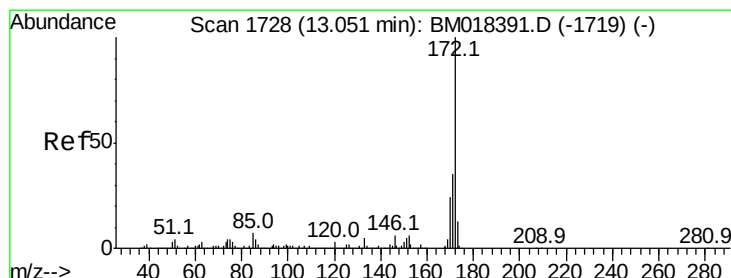
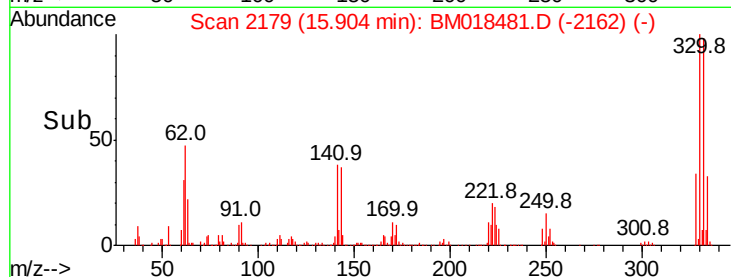
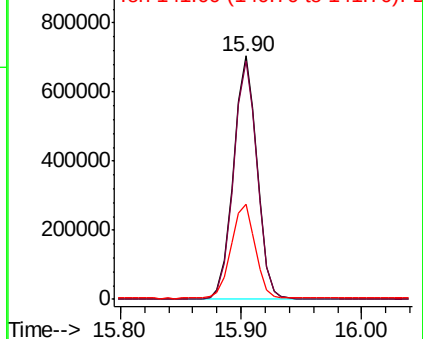
141 39.6 31.7 47.5



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: 27.992 ng

RT: 13.03 min Scan# 1690

Delta R.T. 0.01 min

Lab File: BM018481.D

Acq: 09 Jan 2019 20:06

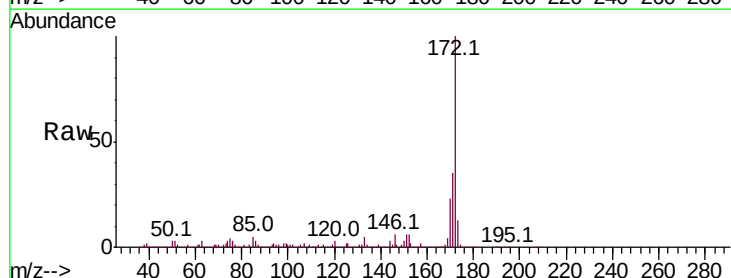
Tgt Ion:172 Resp: 3467428

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

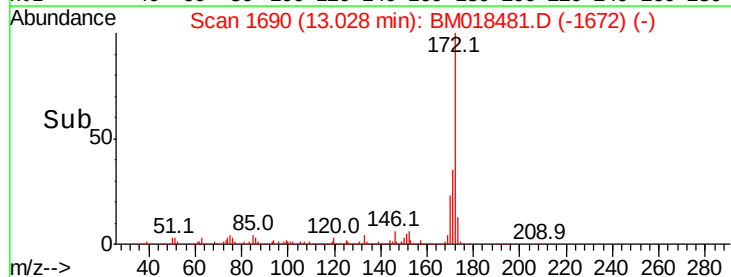
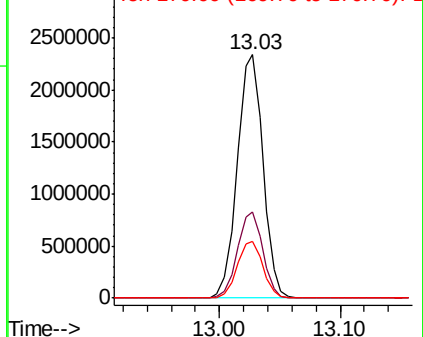
170 23.4 18.9 28.3

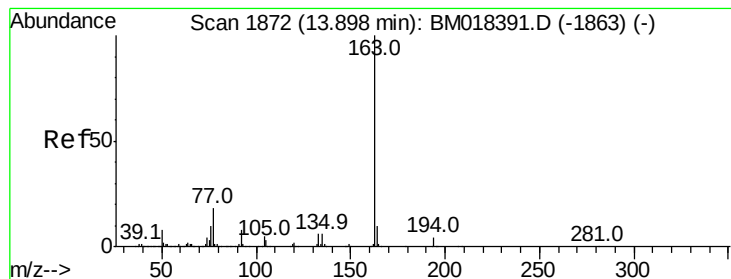


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.031 ng

RT: 13.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BM018481.D

Acq: 09 Jan 2019 20:06

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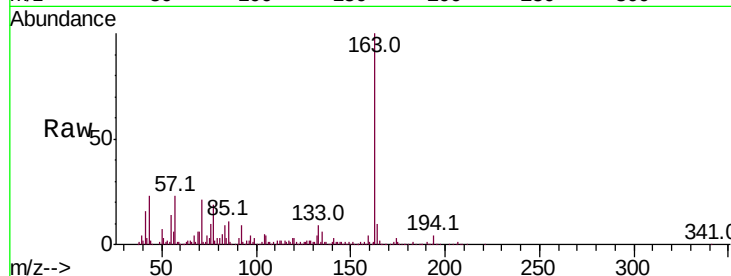
Tot Ion:163 Resp: 402378

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

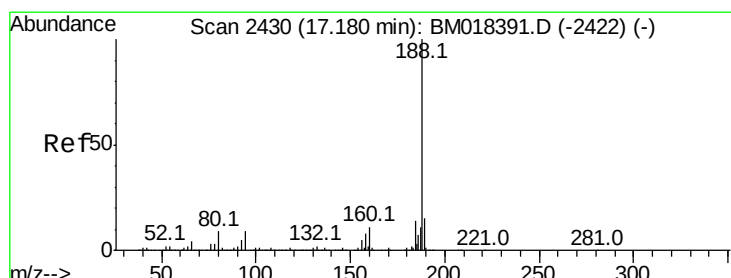
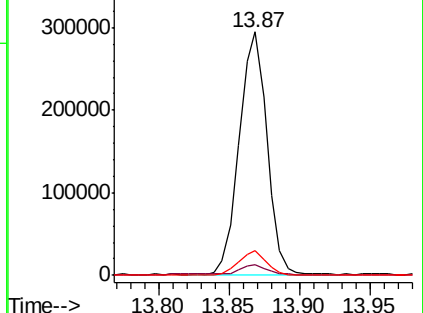
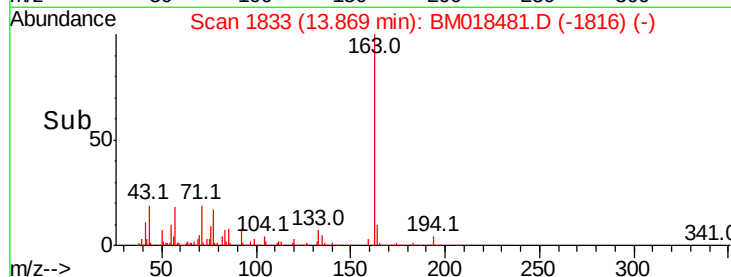
164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM018481.D

Acq: 09 Jan 2019 20:06

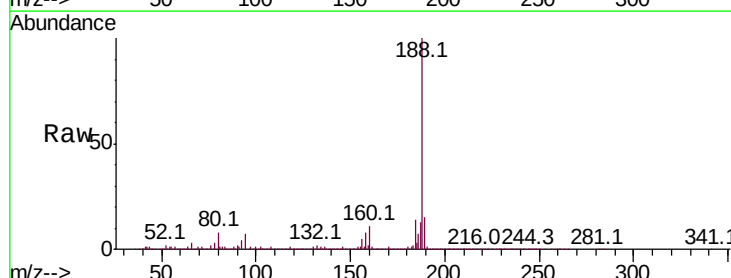
Tgt Ion:188 Resp: 3636019

Ion Ratio Lower Upper

188 100

94 7.2 7.1 10.7

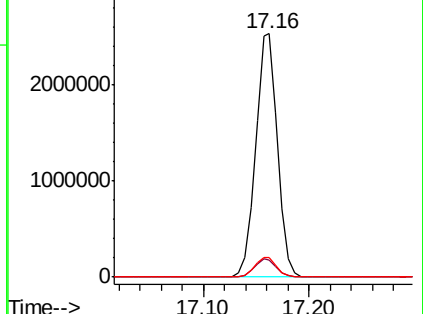
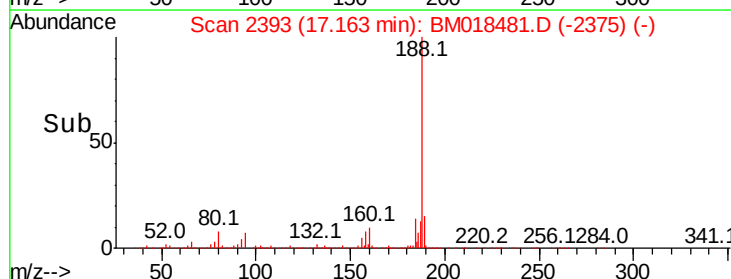
80 8.0 7.6 11.4

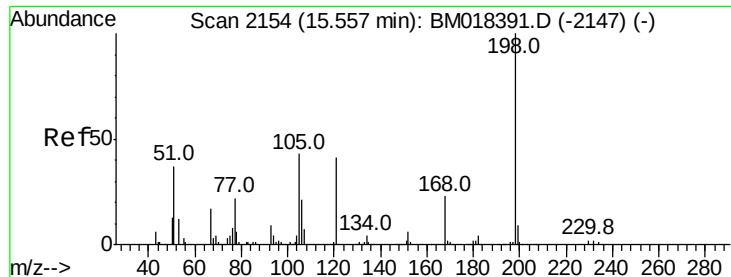


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 5.401 ng

RT: 15.58 min Scan# 2124

Delta R.T. 0.04 min

Lab File: BM018481.D

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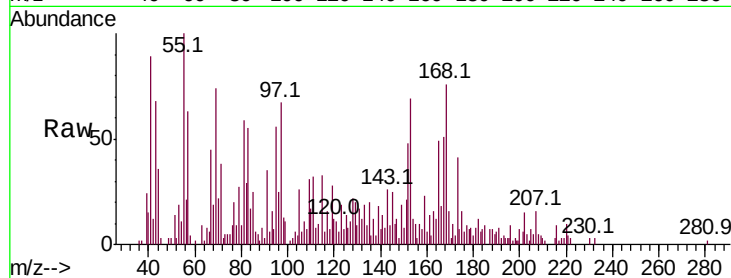
Tot Ion:198 Resp: 206

Ion Ratio Lower Upper

198 100

51 420.2 29.6 69.6#

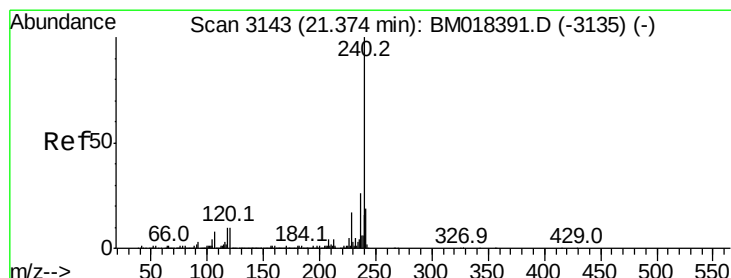
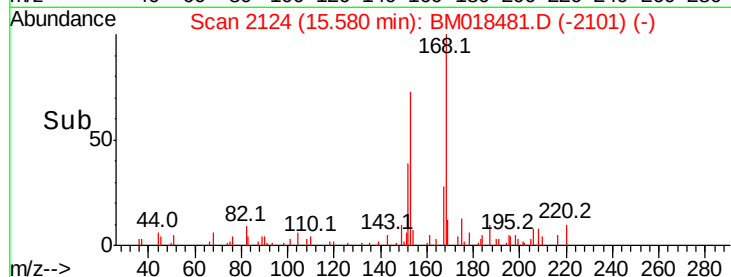
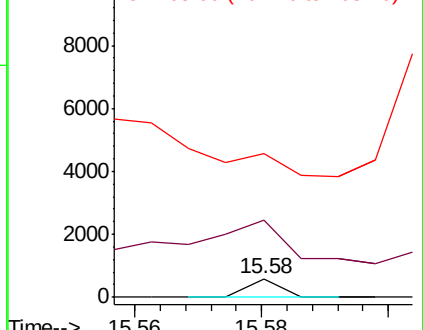
105 785.4 25.5 65.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM018481.D

Acq: 09 Jan 2019 20:06

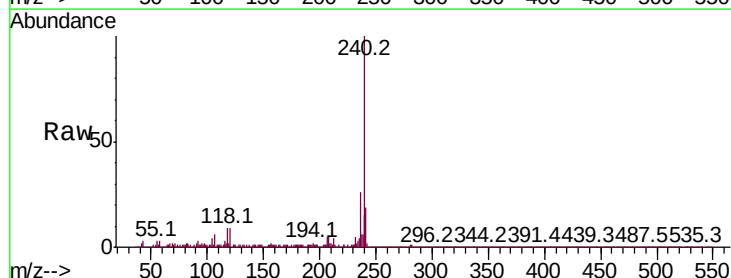
Tgt Ion:240 Resp: 2742723

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

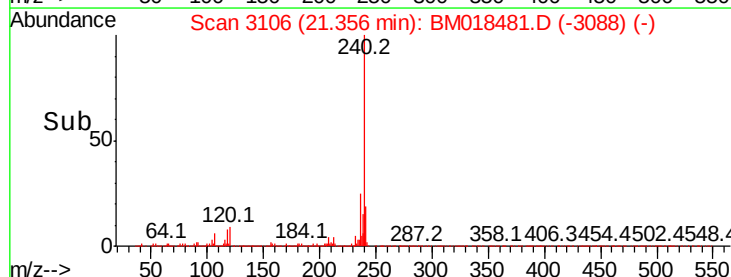
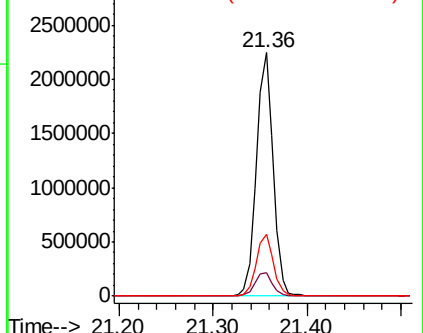
236 25.6 20.7 31.1

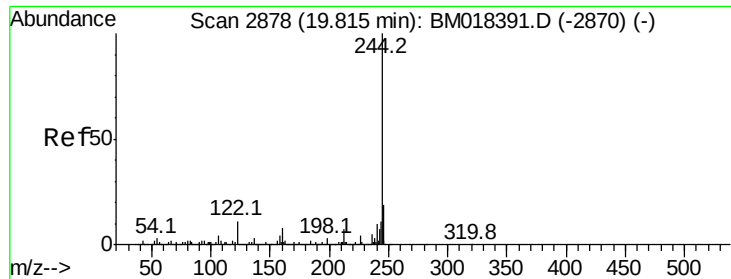


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 34.830 ng

RT: 19.80 min Scan# 2841

Delta R.T. 0.01 min

Lab File: BM018481.D

Acq: 09 Jan 2019 20:06

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-J

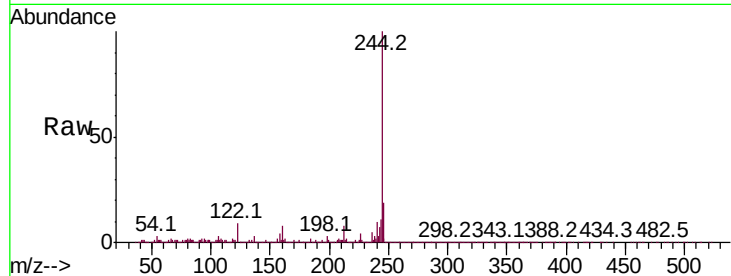
Tot Ion:244 Resp: 4531624

Ion Ratio Lower Upper

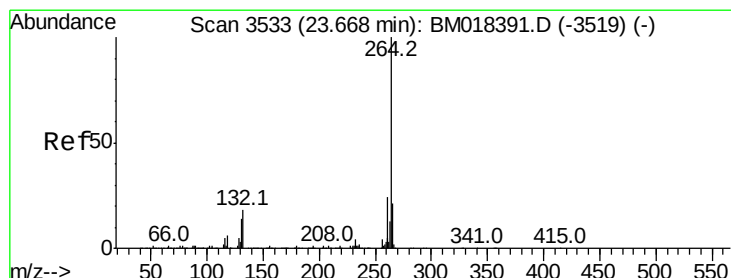
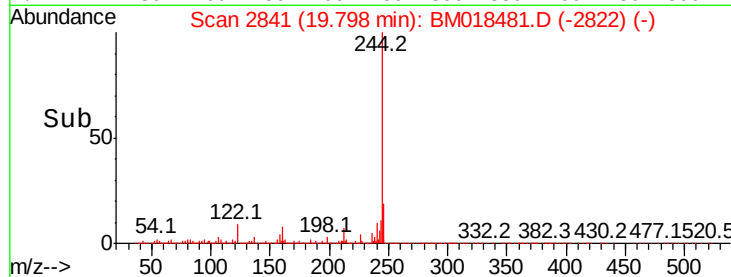
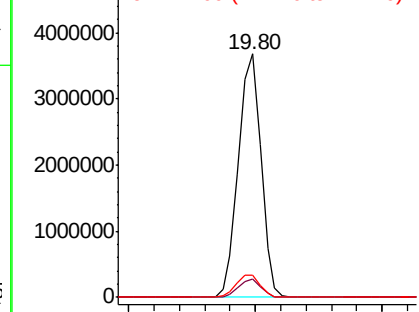
244 100

212 7.6 5.9 8.9

122 9.1 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E
5000000
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: 23.64 min Scan# 3495

Delta R.T. 0.01 min

Lab File: BM018481.D

Acq: 09 Jan 2019 20:06

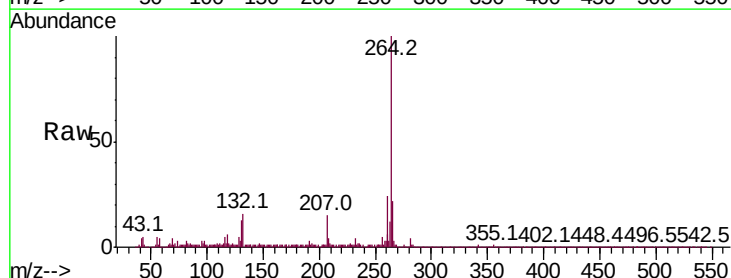
Tgt Ion:264 Resp: 2635963

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.0 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
1500000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

