

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
 Data File : BM018278.D
 Acq On : 18 Dec 2018 19:24
 Operator : JU/SJ
 Sample : J6388-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS009-1824-01

Quant Time: Dec 19 03:31:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

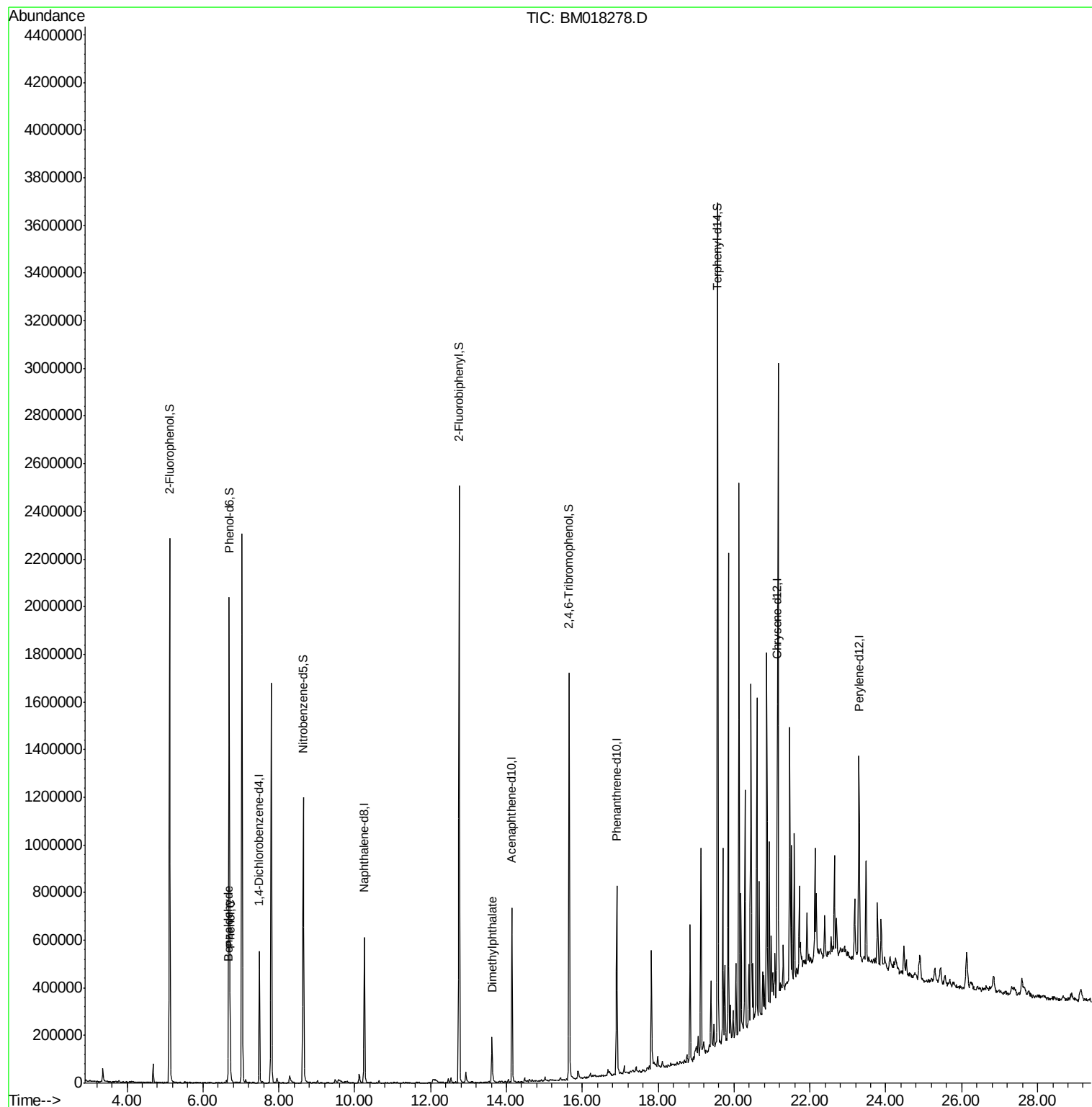
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	133454	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	483688	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	231023	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	450526	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	516805	20.00	ng	-0.01
87) Perylene-d12	23.29	264	561312	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	863817	108.13	ng	0.00
7) Phenol-d6	6.69	99	1114899	100.41	ng	-0.01
23) Nitrobenzene-d5	8.65	82	717633	76.10	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	293590	86.58	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1190323	66.74	ng	-0.02
79) Terphenyl-d14	19.56	244	1358213	59.44	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.66	77	14057	2.077	ng	Qvalue # 81
10) Phenol	6.72	94	75736	6.440	ng	94
50) Dimethylphthalate	13.62	163	119594	6.227	ng	98

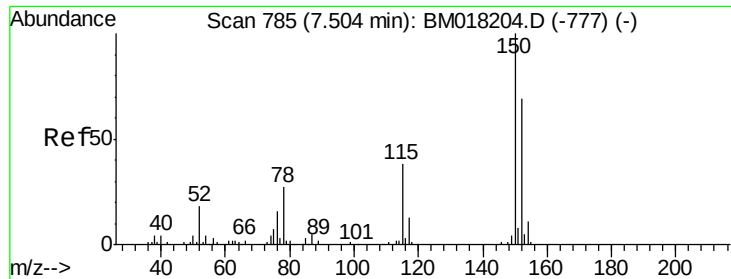
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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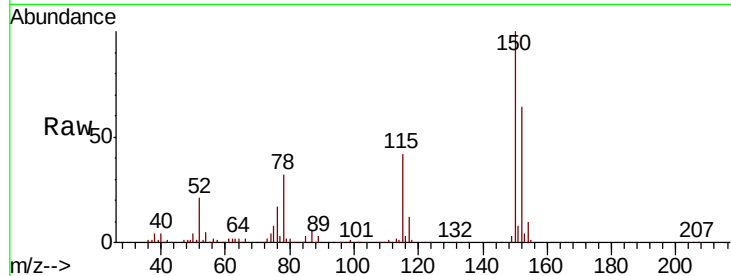


#1

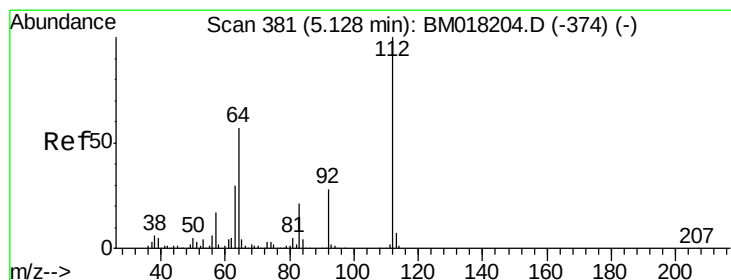
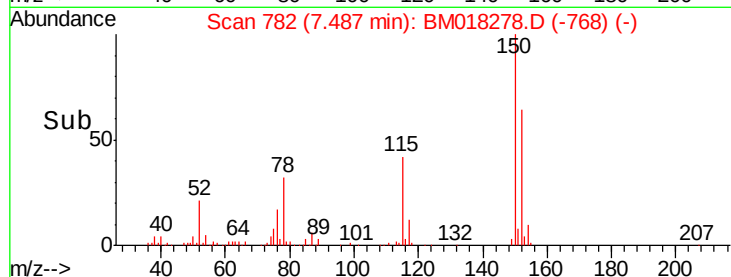
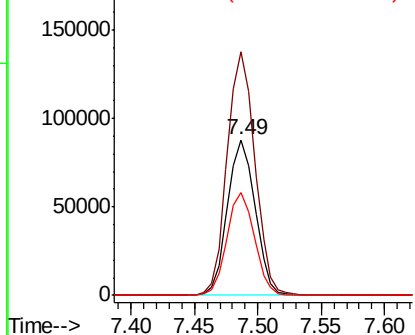
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018278.D
Acq: 18 Dec 2018 19:24

Instrument :
BNA_M
ClientSampleId :
P001-SS009-1824-01

Tot Ion:152 Resp: 133454
Ion Ratio Lower Upper
152 100
150 156.5 116.1 174.1
115 66.4 44.6 67.0



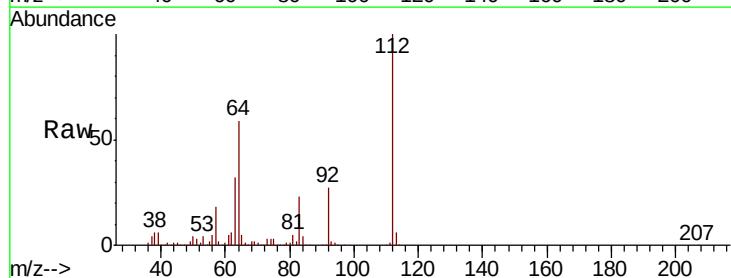
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



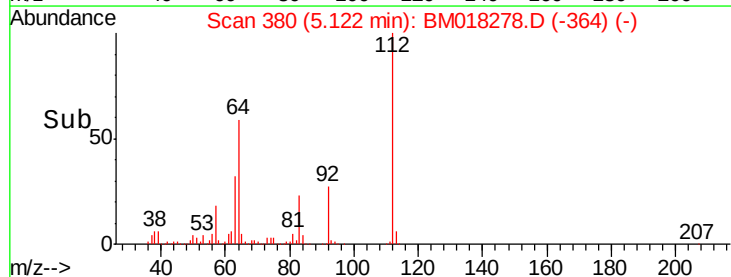
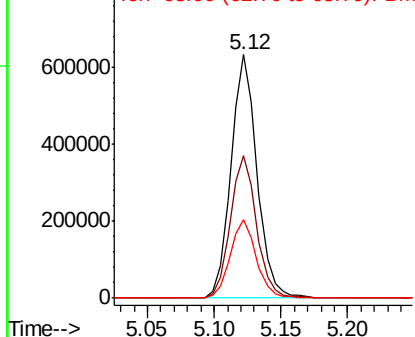
#5

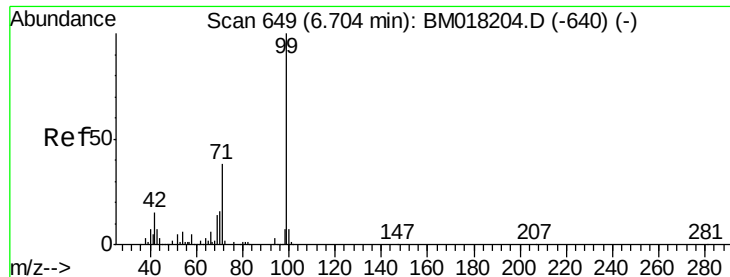
2-Fluorophenol
Concen: 108.127 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018278.D
Acq: 18 Dec 2018 19:24

Tgt Ion:112 Resp: 863817
Ion Ratio Lower Upper
112 100
64 58.6 45.4 68.2
63 32.2 24.0 36.0



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: 100.405 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018278.D

Acq: 18 Dec 2018 19:24

Instrument :

BNA_M

ClientSampleId :

P001-SS009-1824-01

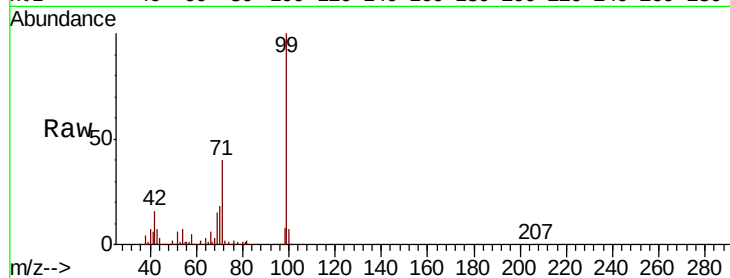
Tot Ion: 99 Resp: 1114899

Ion Ratio Lower Upper

99 100

42 16.5 12.3 18.5

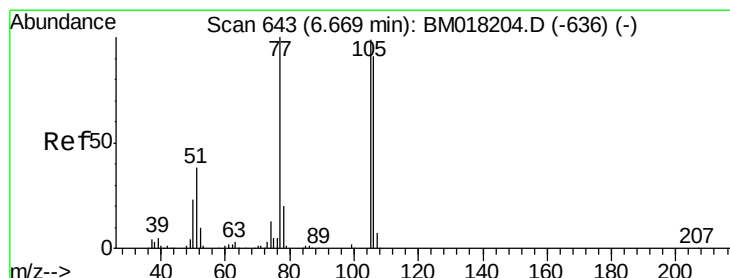
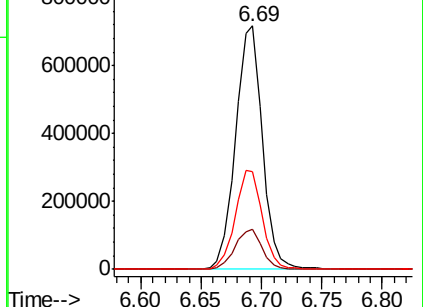
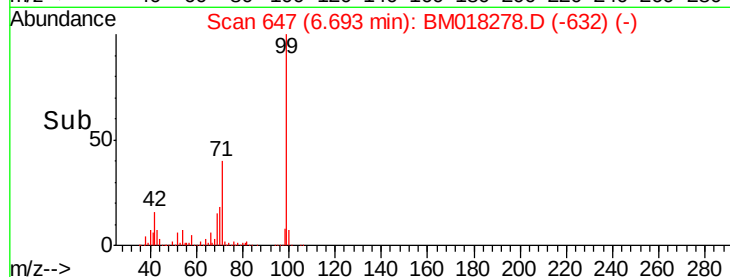
71 39.9 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#9

Benzaldehyde

Concen: 2.077 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018278.D

Acq: 18 Dec 2018 19:24

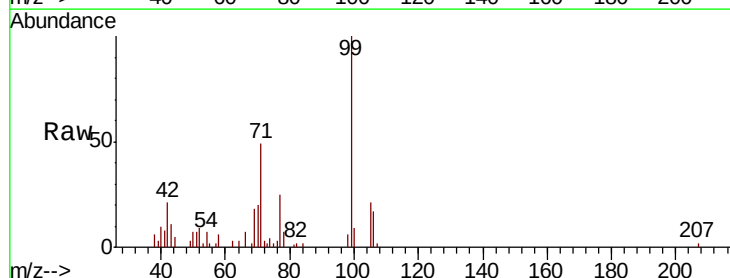
Tgt Ion: 77 Resp: 14057

Ion Ratio Lower Upper

77 100

105 82.5 78.8 118.8

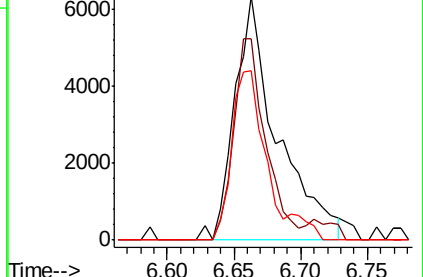
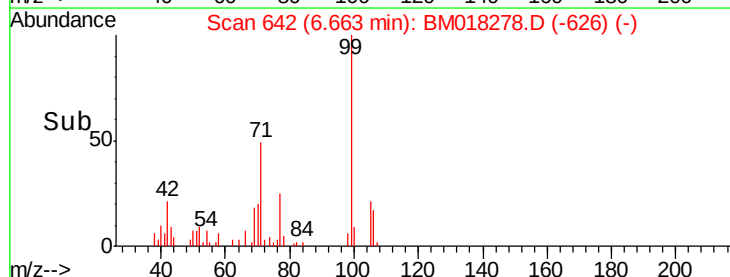
106 69.4 70.7 110.7#

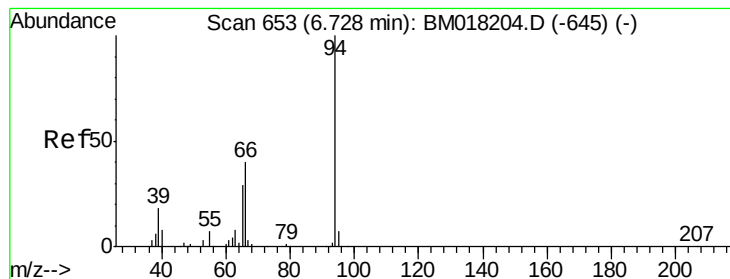


Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM018204.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM018204.D (-636) (-)





#10

Phenol

Concen: 6.440 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018278.D

Acq: 18 Dec 2018 19:24

Instrument :

BNA_M

ClientSampleId :

P001-SS009-1824-01

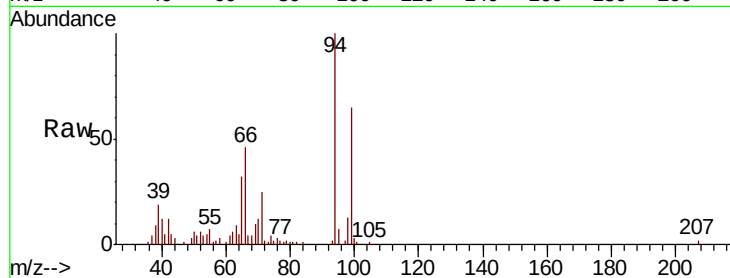
Tot Ion: 94 Resp: 75736

Ion Ratio Lower Upper

94 100

65 31.9 9.5 49.5

66 45.8 21.3 61.3

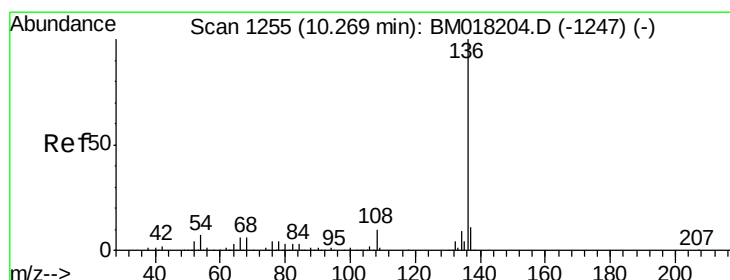
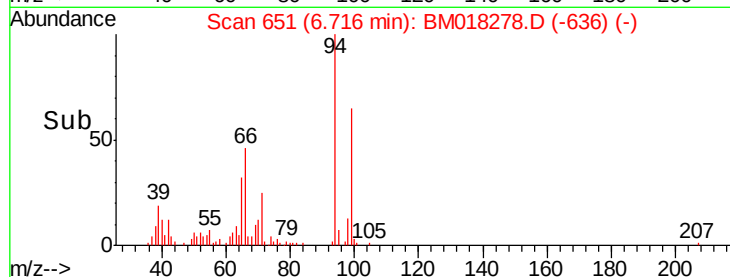
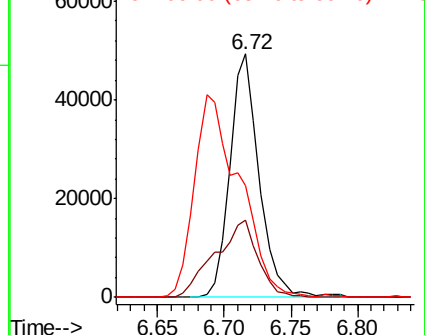


Abundance

Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018278.D

Acq: 18 Dec 2018 19:24

Tgt Ion: 136 Resp: 483688

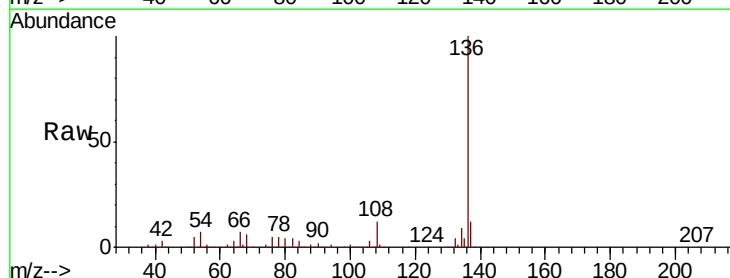
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 6.8 5.2 7.8

68 6.3 5.0 7.6



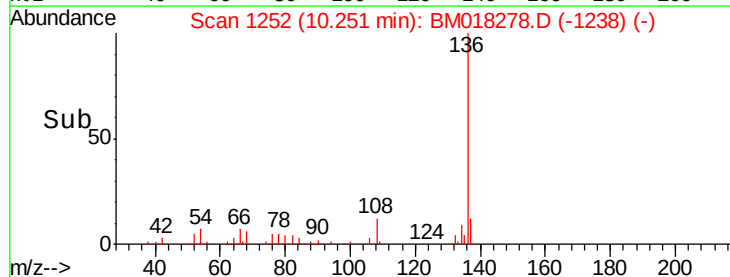
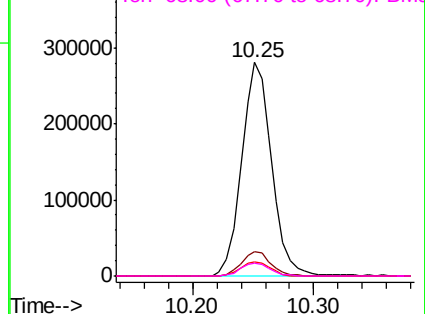
Abundance

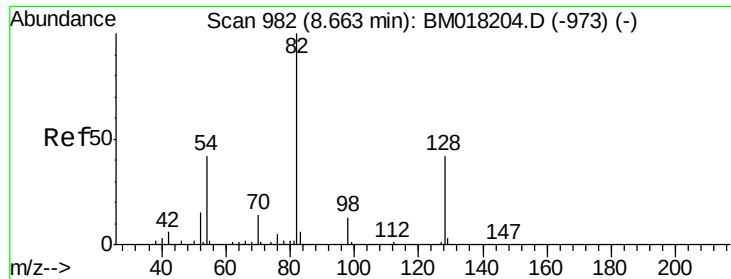
Ion 136.00 (135.70 to 136.70): BM018204.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BM018204.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM018204.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM018204.D (-1247) (-)

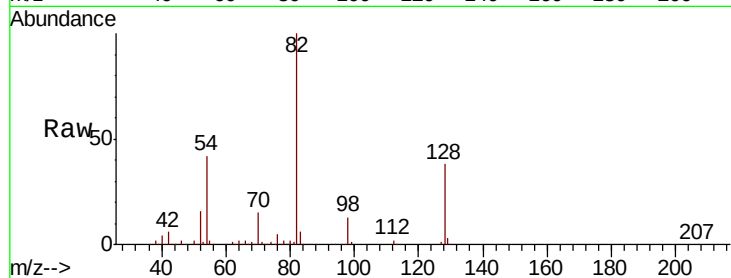




#23
Nitrobenzene-d5
Concen: 76.103 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018278.D
Acq: 18 Dec 2018 19:24

Instrument :
BNA_M
ClientSampleId :
P001-SS009-1824-01

Tot Ion	82	Resp	717633
Ion Ratio	100	Lower	Upper
128	37.8	33.4	50.2
54	42.4	33.4	50.2

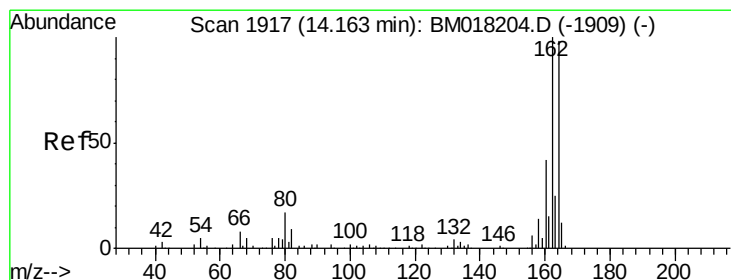
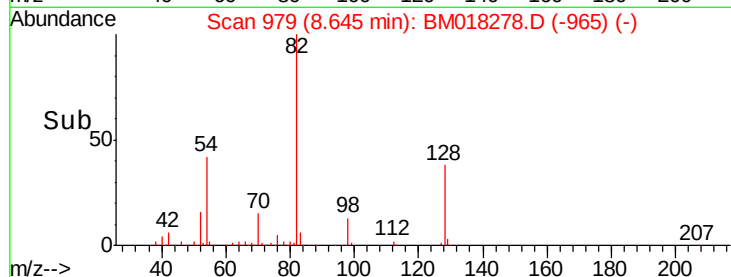
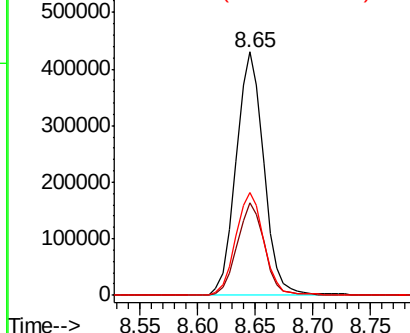


Abundance

Ion 82.00 (81.70 to 82.70): BM018204.D (-973) (-)

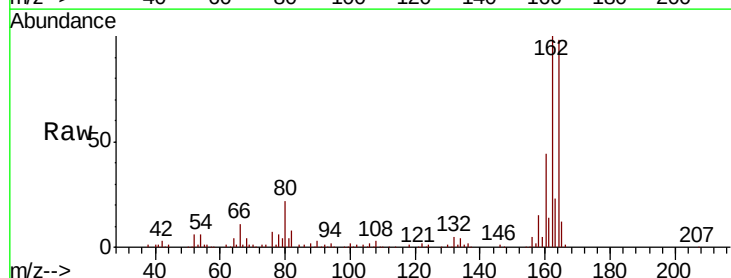
Ion 128.00 (127.70 to 128.70): BM018204.D (-973) (-)

Ion 54.00 (53.70 to 54.70): BM018204.D (-973) (-)



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018278.D
Acq: 18 Dec 2018 19:24

Tgt Ion	164	Resp	231023
Ion Ratio	100	Lower	Upper
162	102.3	81.8	122.6
160	45.4	34.6	51.8

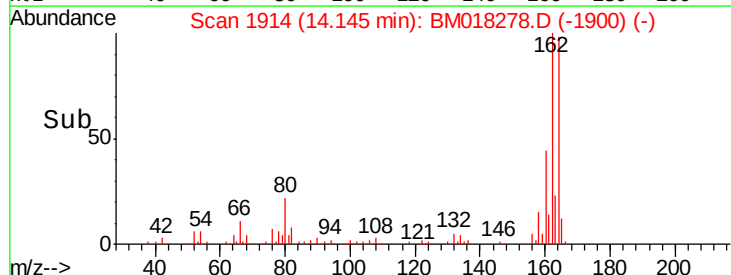
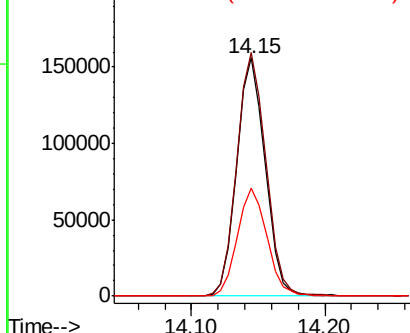


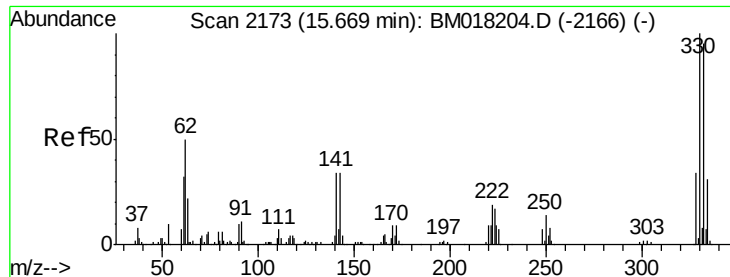
Abundance

Ion 164.00 (163.70 to 164.70): BM018204.D (-1909) (-)

Ion 162.00 (161.70 to 162.70): BM018204.D (-1909) (-)

Ion 160.00 (159.70 to 160.70): BM018204.D (-1909) (-)





#42

2,4,6-Tribromophenol

Concen: 86.585 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018278.D

Acq: 18 Dec 2018 19:24

Instrument :

BNA_M

ClientSampleId :

P001-SS009-1824-01

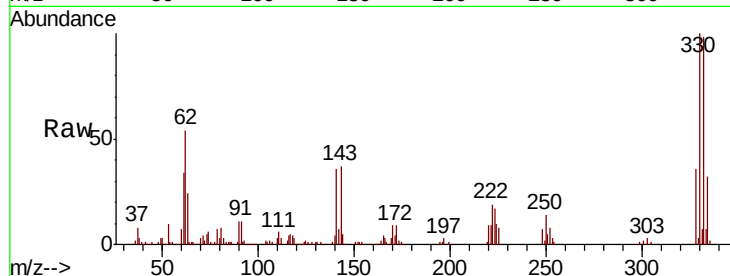
Tot Ion:330 Resp: 293590

Ion Ratio Lower Upper

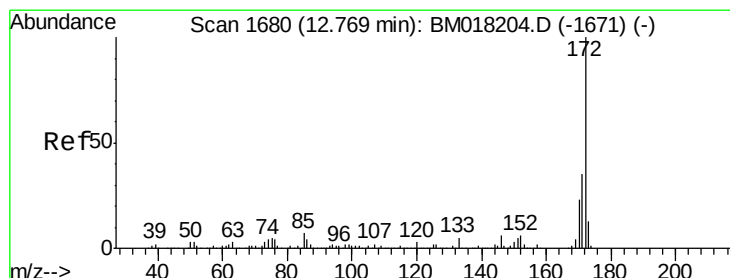
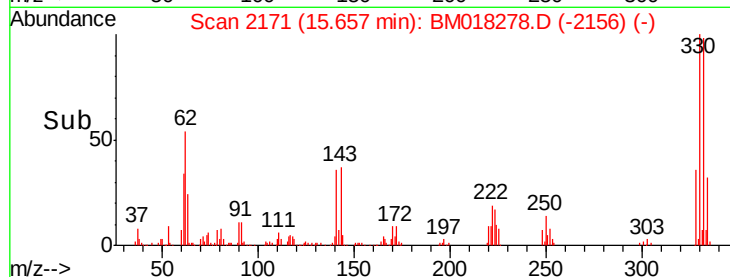
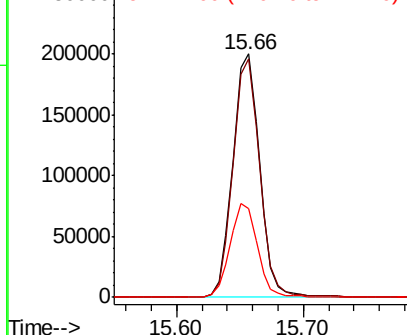
330 100

332 97.5 78.6 118.0

141 39.1 27.1 40.7



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: 66.736 ng

RT: 12.75 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BM018278.D

Acq: 18 Dec 2018 19:24

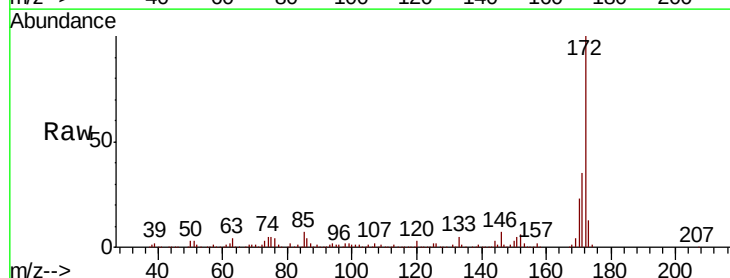
Tgt Ion:172 Resp: 1190323

Ion Ratio Lower Upper

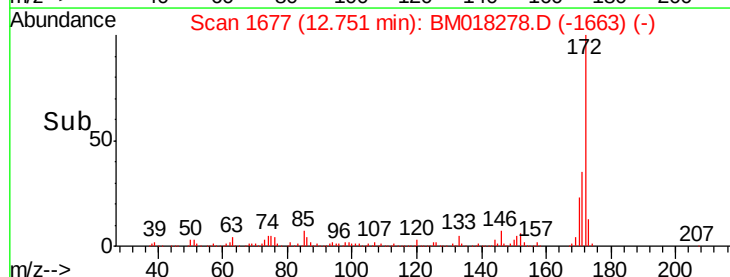
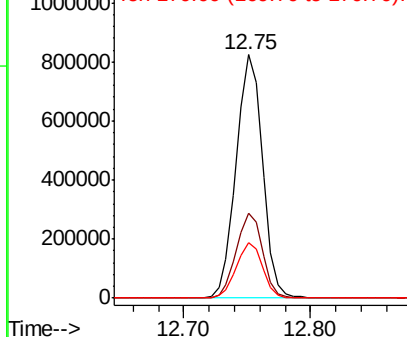
172 100

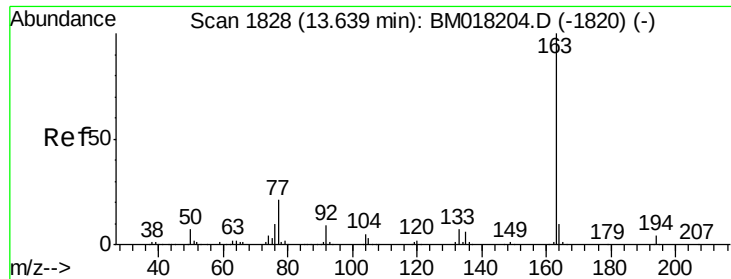
171 34.9 28.3 42.5

170 22.8 18.1 27.1



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: 6.227 ng

RT: 13.62 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM018278.D

Acq: 18 Dec 2018 19:24

Instrument :

BNA_M

ClientSampleId :

P001-SS009-1824-01

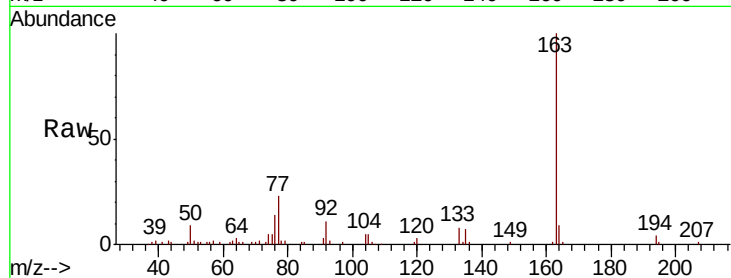
Tot Ion:163 Resp: 119594

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

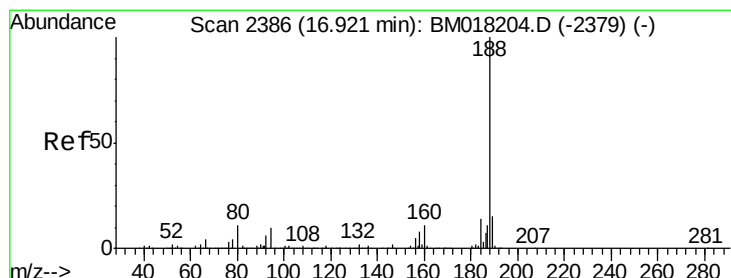
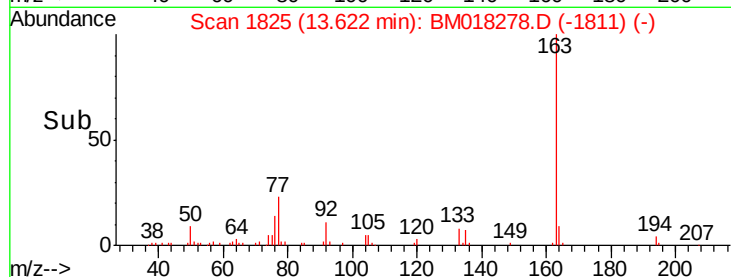
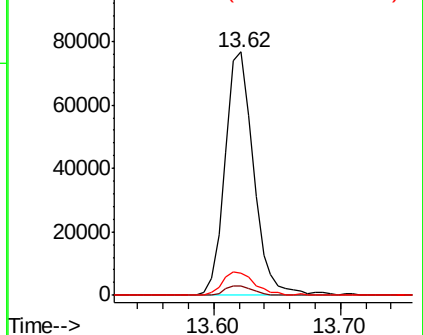
164 9.1 7.9 11.9



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: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018278.D

Acq: 18 Dec 2018 19:24

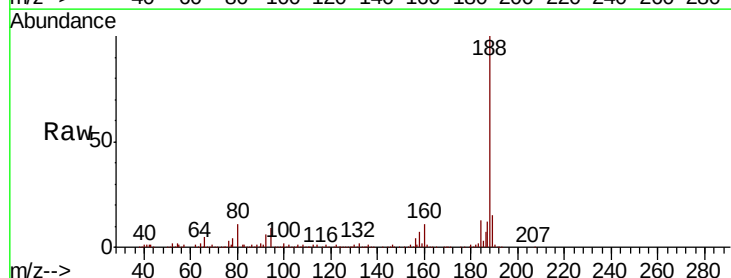
Tgt Ion:188 Resp: 450526

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

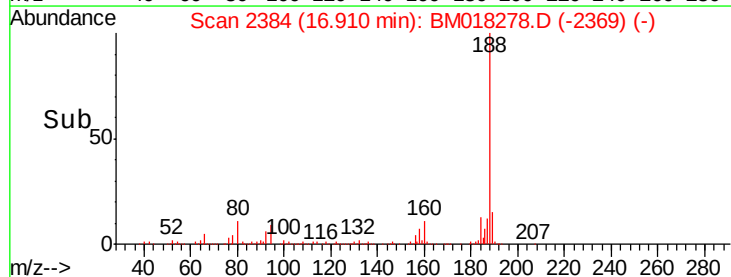
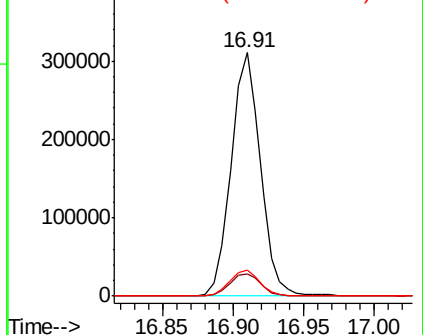
80 10.6 9.0 13.6

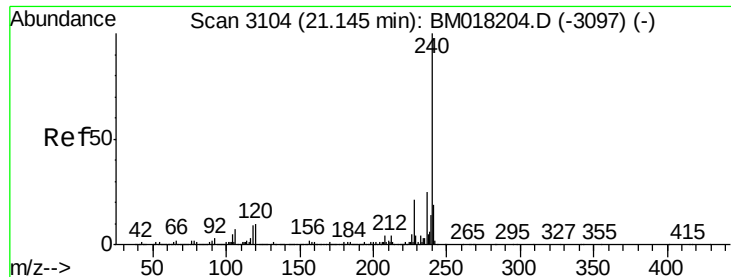


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

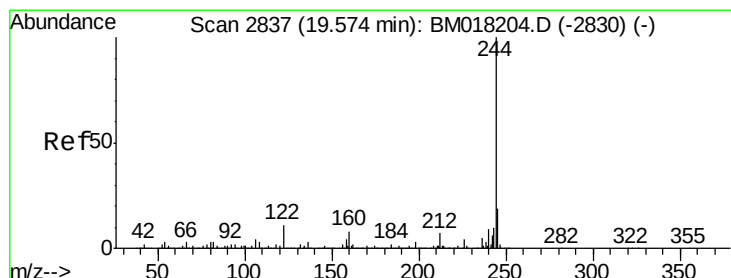
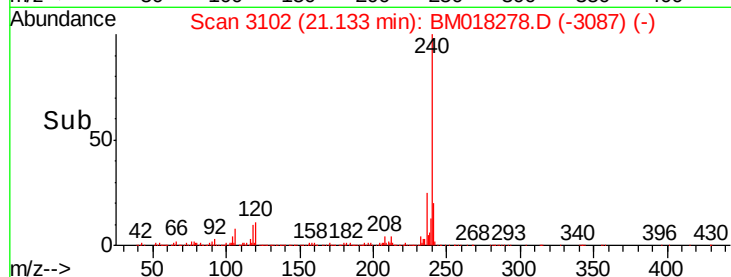
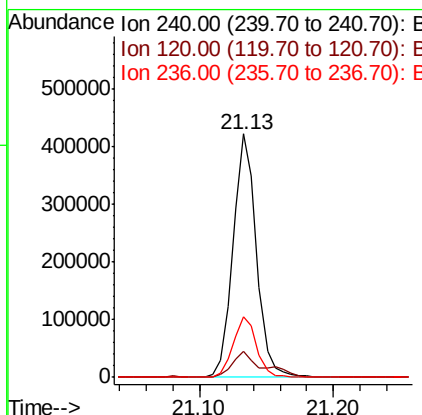
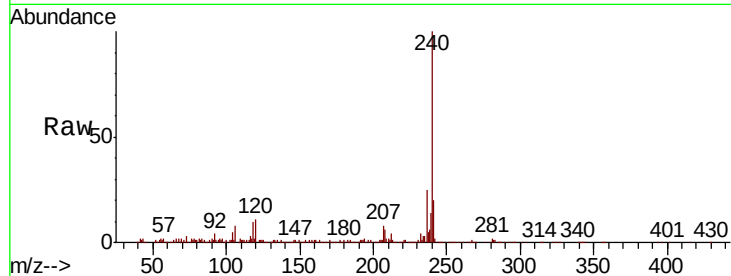




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018278.D
Acq: 18 Dec 2018 19:24

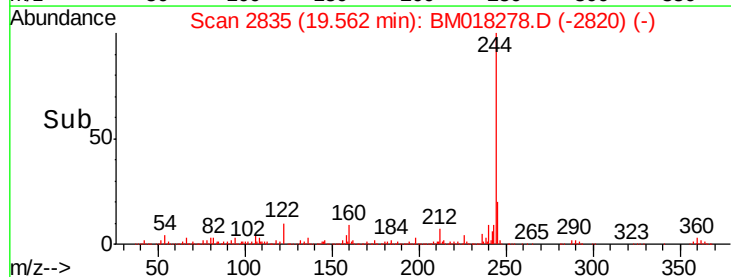
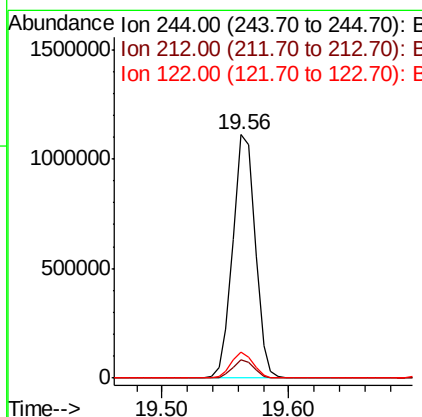
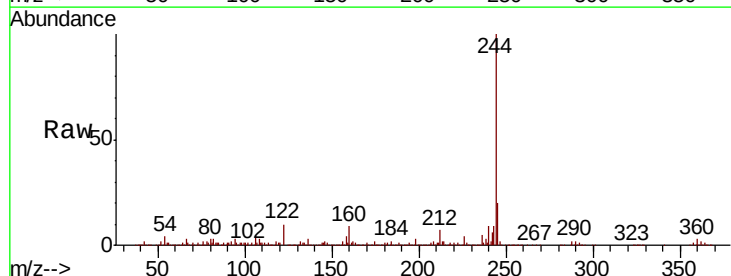
Instrument :
BNA_M
ClientSampleId :
P001-SS009-1824-01

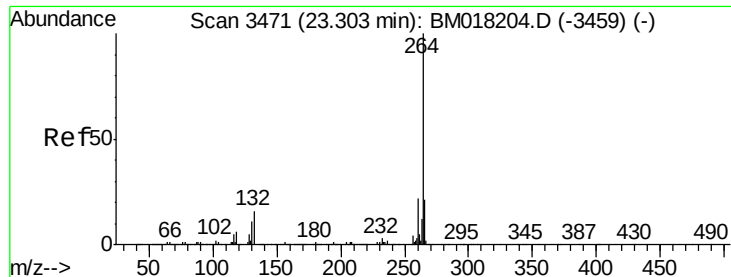
Tot Ion:240 Resp: 516805
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 25.0 20.3 30.5



#79
Terphenyl-d14
Concen: 59.438 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM018278.D
Acq: 18 Dec 2018 19:24

Tgt Ion:244 Resp: 1358213
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.5 9.0 13.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018278.D
Acq: 18 Dec 2018 19:24

Instrument :
BNA_M
ClientSampleId :
P001-SS009-1824-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	21.6	17.3	25.9

