

Data File : BM018621.D
Acq On : 17 Jan 2019 19:22
Operator : JU/SJ
Sample : K1139-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-9

Quant Time: Jan 18 04:44:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

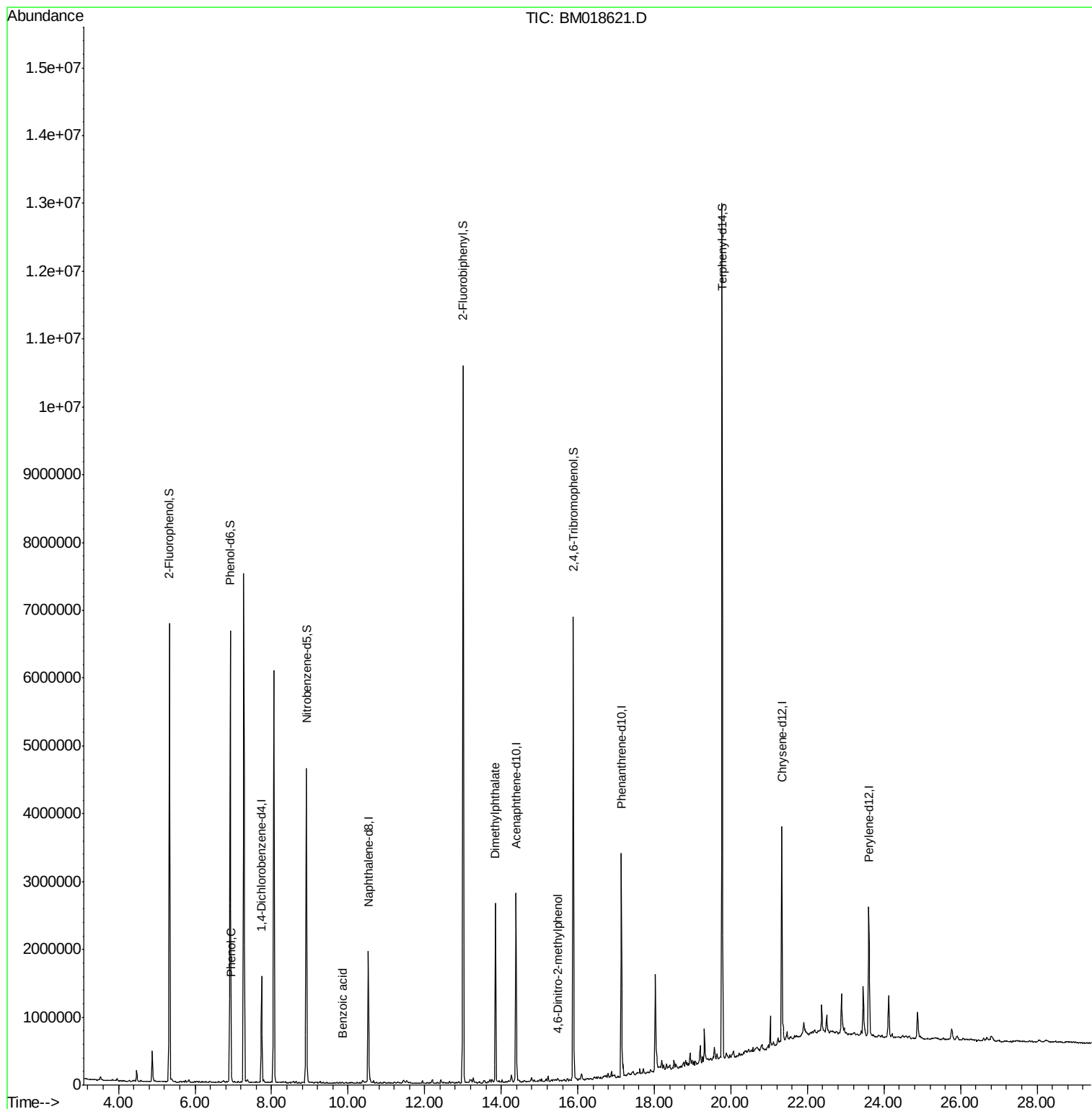
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	410856	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1641881	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	921577	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1922453	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1444895	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1388595	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2826216	127.02	ng	-0.02
7) Phenol-d6	6.92	99	3776003	133.61	ng	-0.01
23) Nitrobenzene-d5	8.91	82	2540645	89.70	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1261537	107.51	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	5569983	78.87	ng	-0.02
79) Terphenyl-d14	19.77	244	5839017	85.19	ng	-0.02
Target Compounds						
10) Phenol	6.95	94	59560	2.074	ng	Qvalue 87
32) Benzoic acid	9.86	122	110	6.509	ng	# 33
50) Dimethylphthalate	13.84	163	1699010	22.448	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	119	5.402	ng	# 1

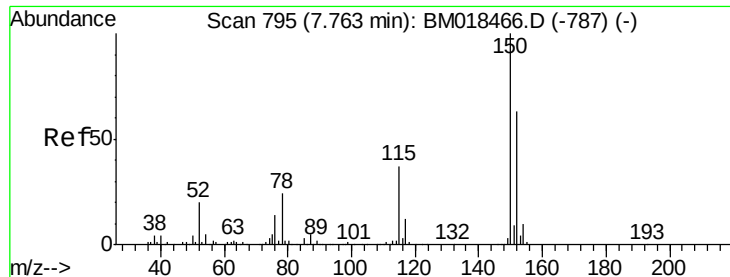
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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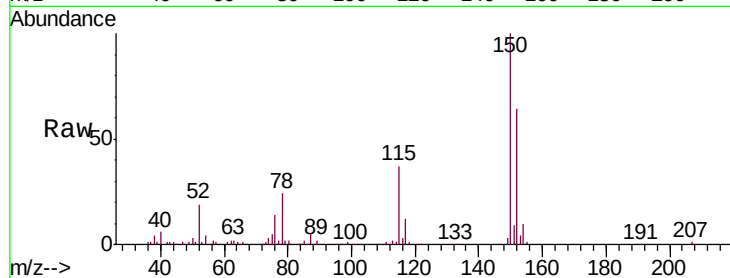


#1

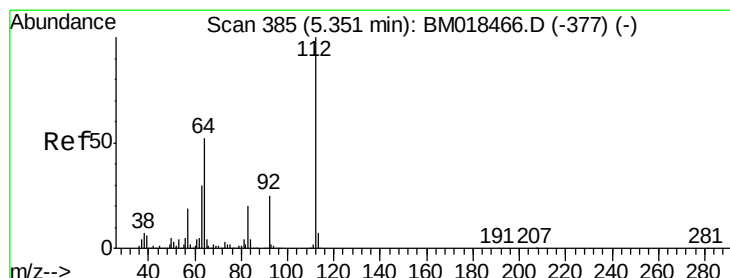
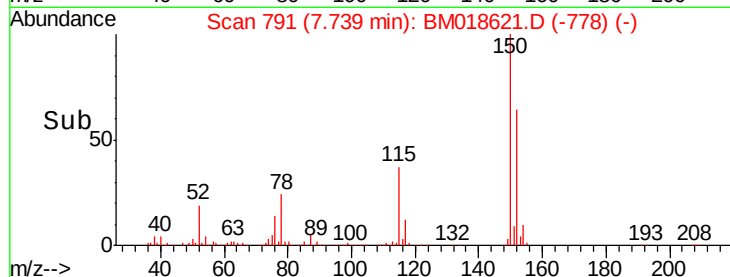
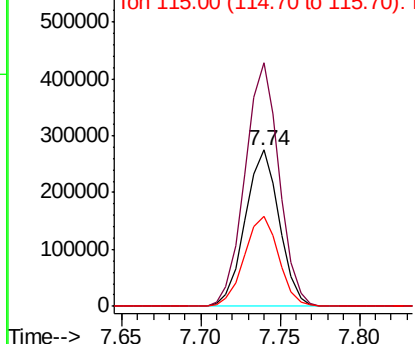
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

Instrument :
BNA_M
ClientSampled :
S-9

Tgt Ion:152 Resp: 410856
Ion Ratio Lower Upper
152 100
150 156.0 126.9 190.3
115 57.7 45.5 68.3



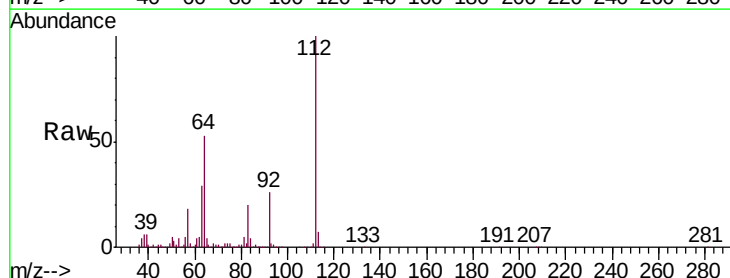
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



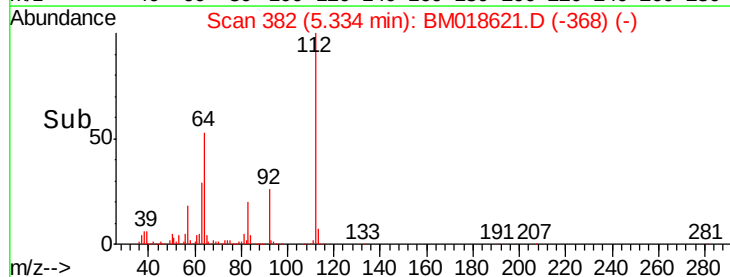
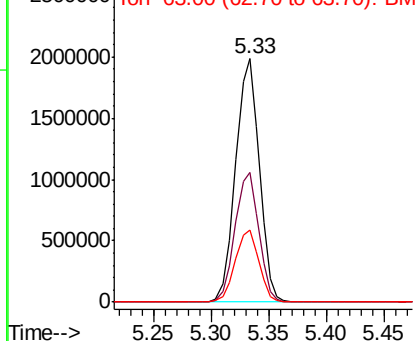
#5

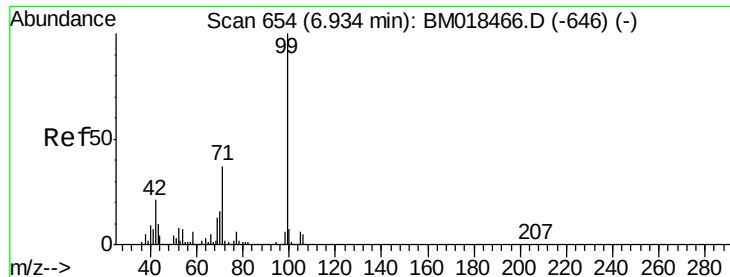
2-Fluorophenol
Concen: 127.017 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

Tgt Ion:112 Resp: 2826216
Ion Ratio Lower Upper
112 100
64 53.3 46.5 69.7
63 29.4 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: 133.612 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

Instrument :

BNA_M

ClientSampleId :

S-9

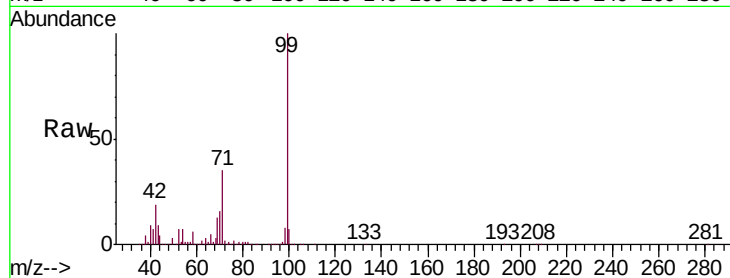
Tgt Ion: 99 Resp: 3776003

Ion Ratio Lower Upper

99 100

42 19.2 17.3 25.9

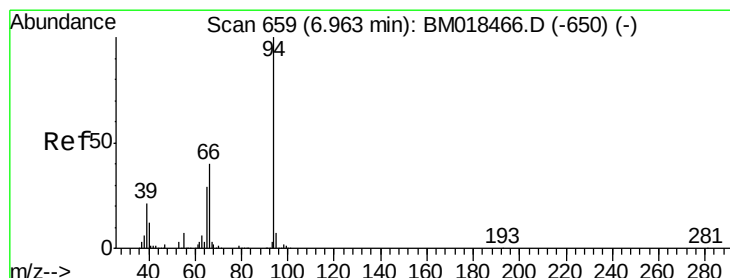
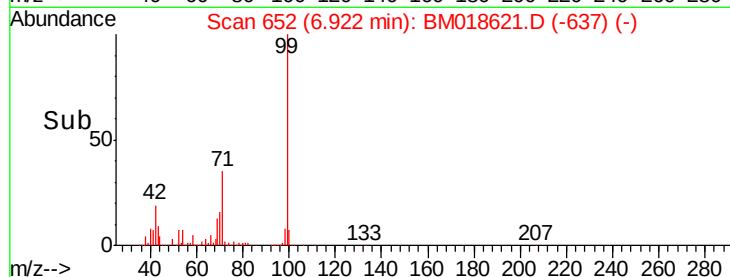
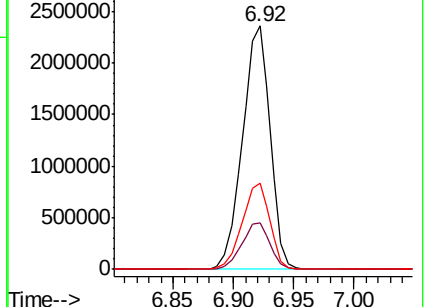
71 35.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#10

Phenol

Concen: 2.074 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

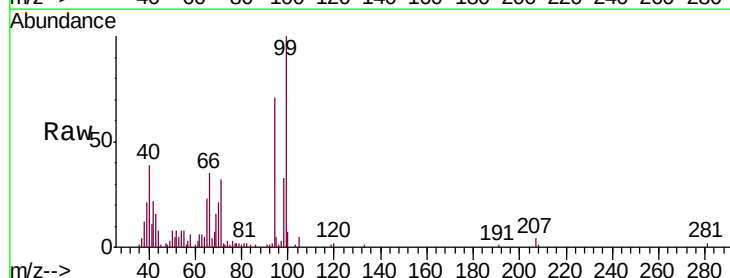
Tgt Ion: 94 Resp: 59560

Ion Ratio Lower Upper

94 100

65 33.2 9.4 49.4

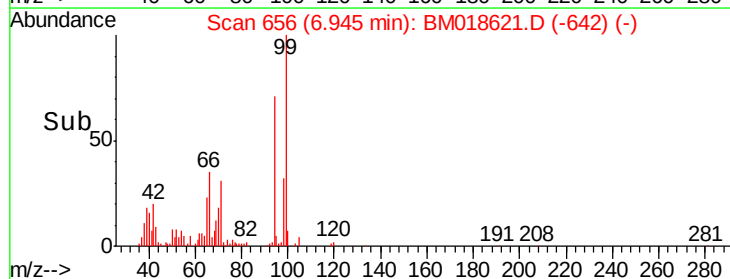
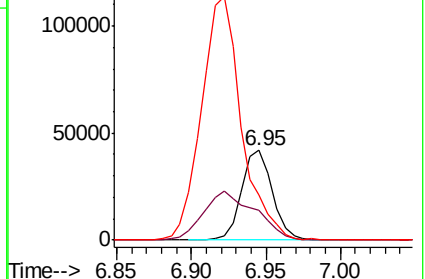
66 49.6 19.1 59.1

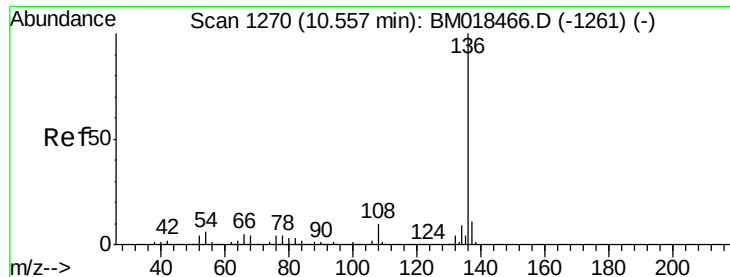


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

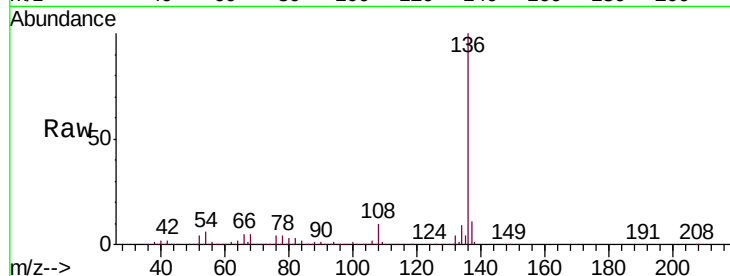




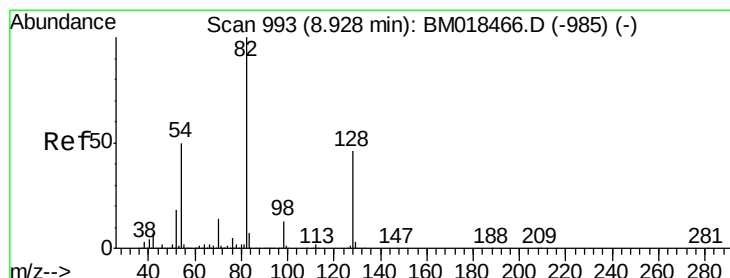
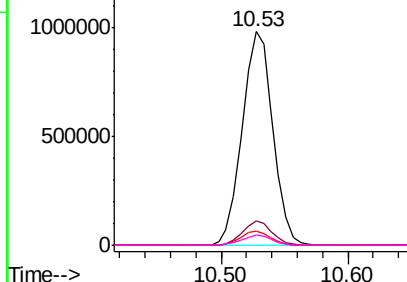
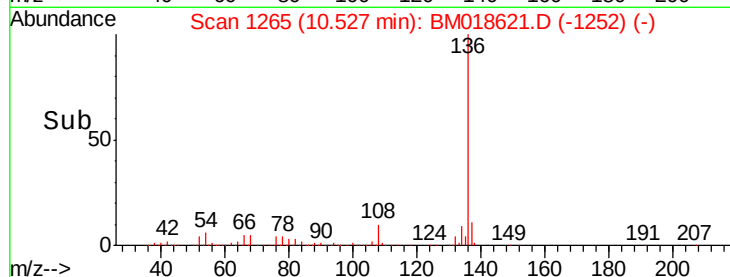
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

Instrument :
BNA_M
ClientSampleId :
S-9

Tgt Ion:	136	Resp:	1641881
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.5	6.0	9.0
68	4.6	4.5	6.7

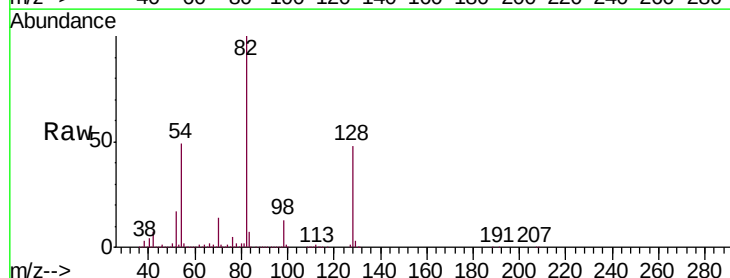


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

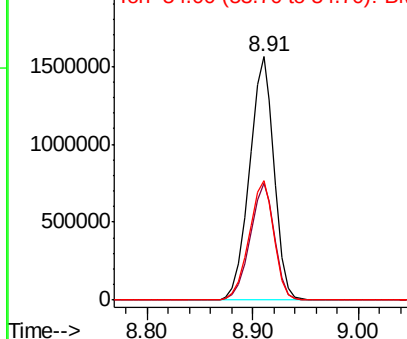
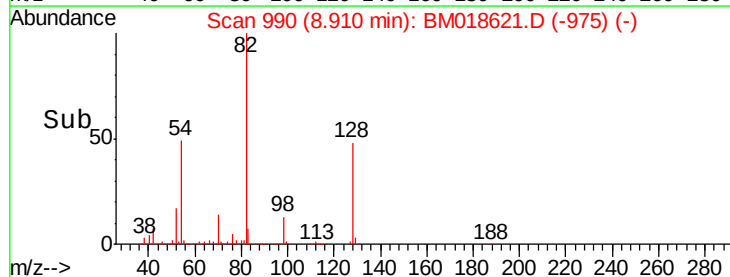


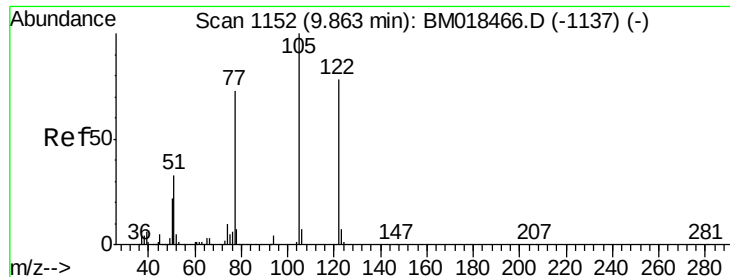
#23
Nitrobenzene-d5
Concen: 89.704 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018621.D
Acq: 17 Jan 2019 19:22

Tgt Ion:	82	Resp:	2540645
Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.3	54.5
54	48.8	41.7	62.5



Abundance Ion 82.00 (81.70 to 82.70): BM
2000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#32

Benzoic acid

Concen: 6.509 ng

RT: 9.86 min Scan# 1151

Delta R.T. -0.05 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

Instrument :

BNA_M

ClientSampleId :

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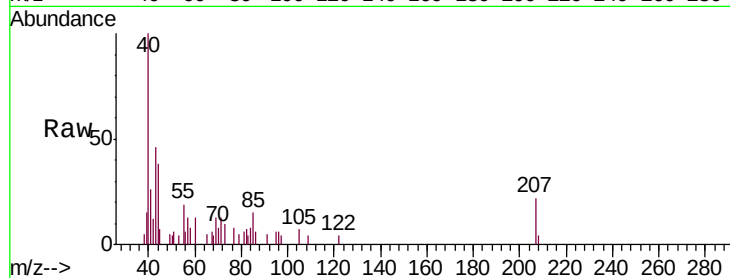
Tgt Ion:122 Resp: 110

Ion Ratio Lower Upper

122 100

105 160.7 100.4 140.4#

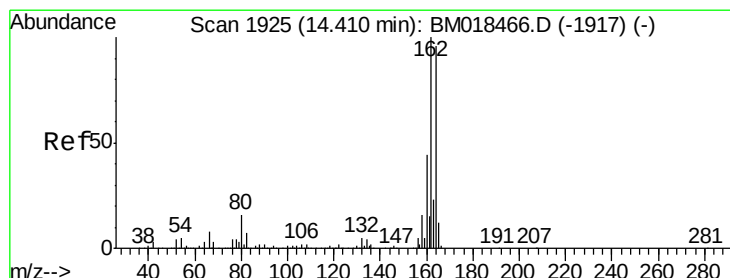
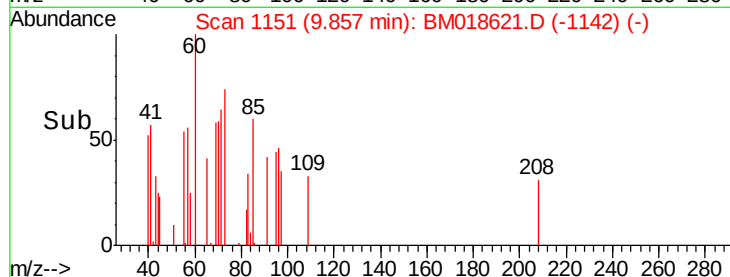
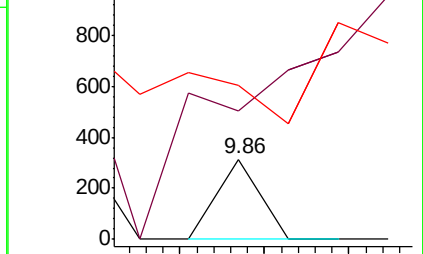
77 193.3 71.7 111.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

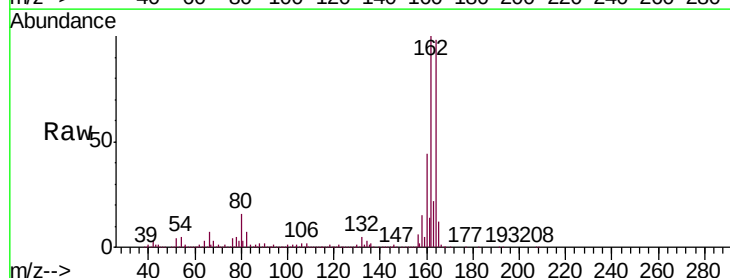
Tgt Ion:164 Resp: 921577

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.4

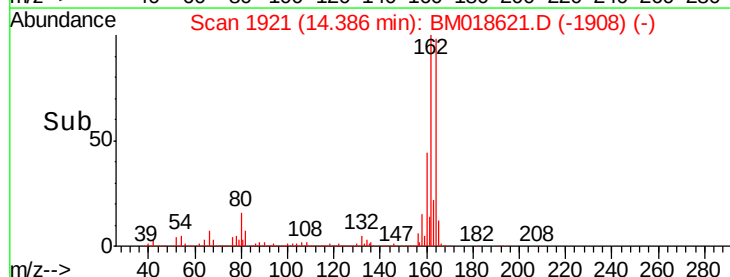
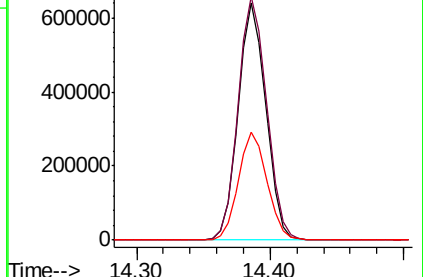
160 45.3 37.1 55.7

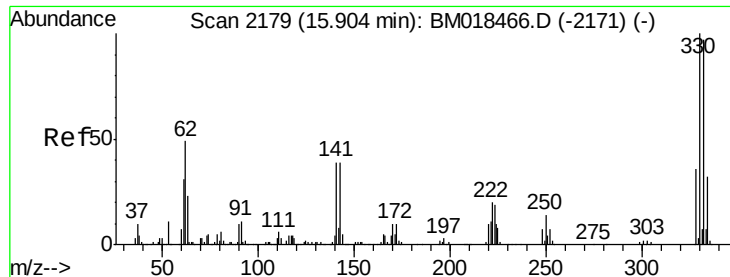


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 107.509 ng

RT: 15.89 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

Instrument :

BNA_M

ClientSampleId :

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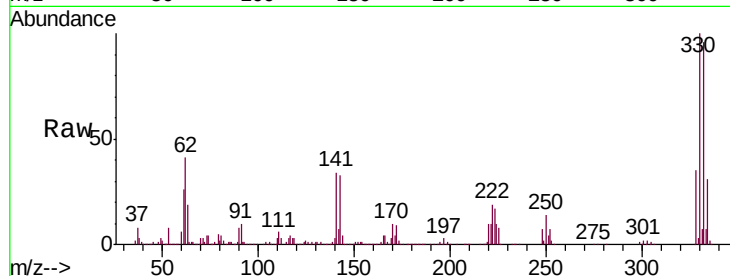
Tgt Ion:330 Resp: 1261537

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

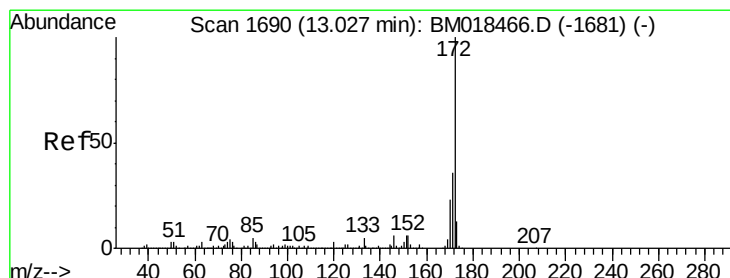
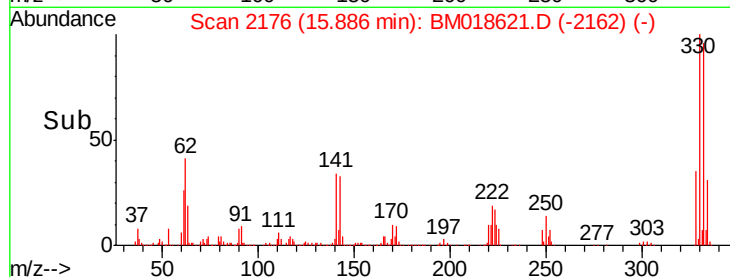
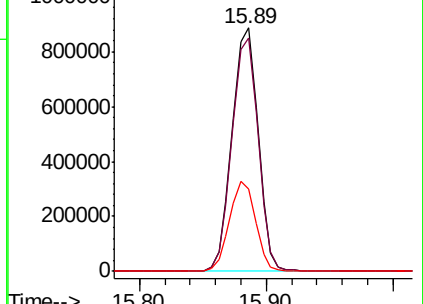
141 36.9 31.7 47.5



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: 78.866 ng

RT: 13.00 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

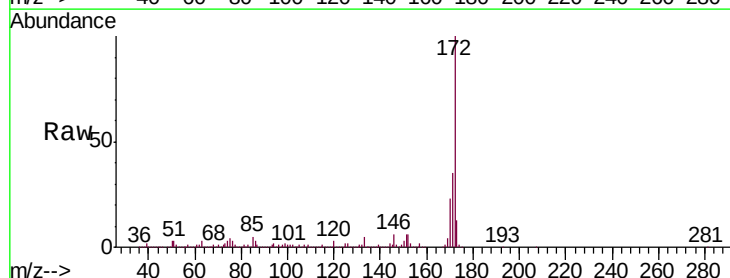
Tgt Ion:172 Resp: 5569983

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

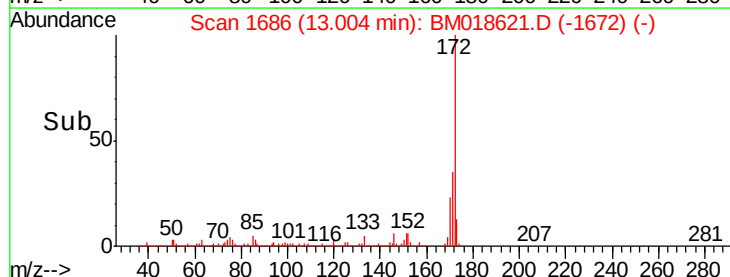
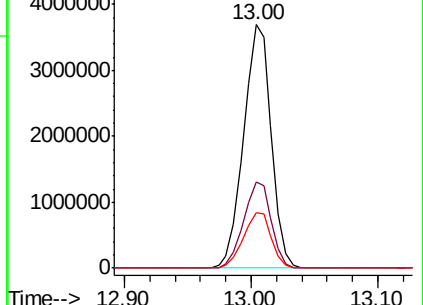
170 23.0 18.9 28.3

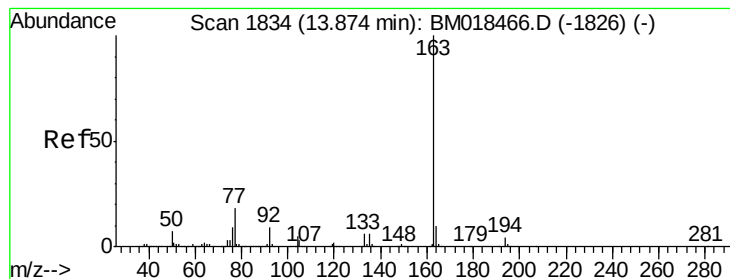


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 22.448 ng

RT: 13.84 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

Instrument :

BNA_M

ClientSampleId :

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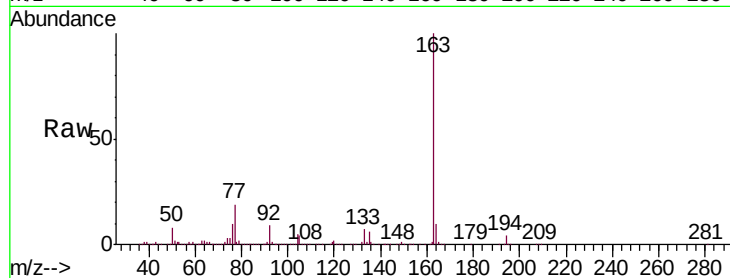
Tgt Ion:163 Resp: 1699010

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

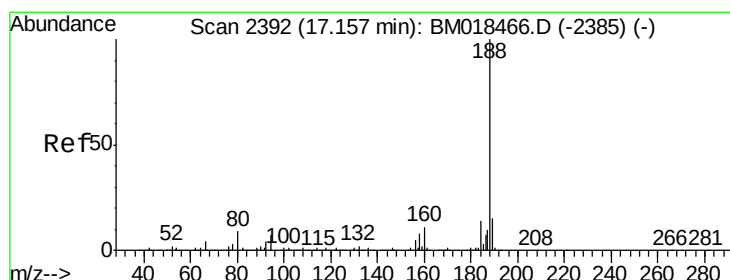
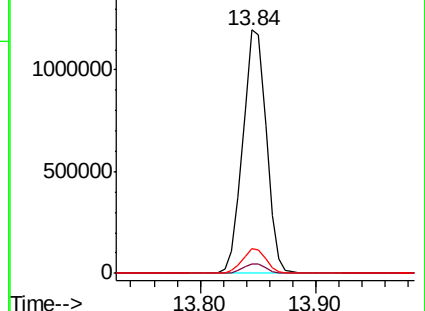
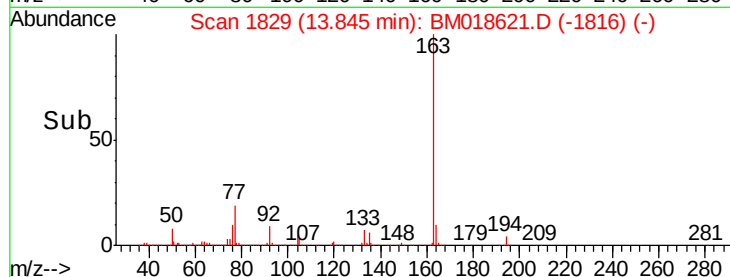
164 10.3 7.8 11.8



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: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

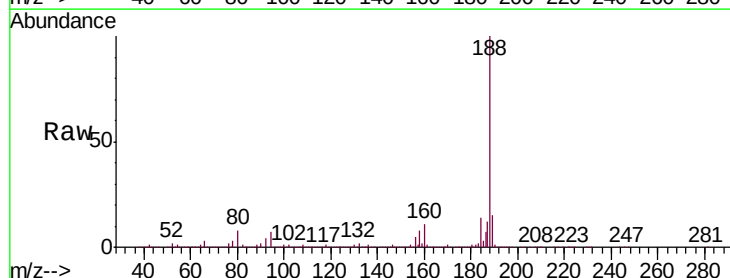
Tgt Ion:188 Resp: 1922453

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

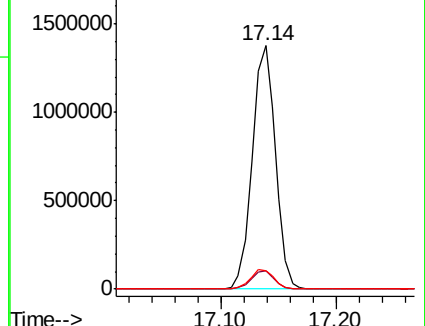
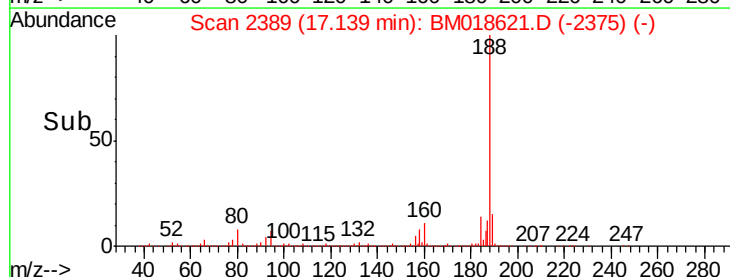
80 7.8 7.6 11.4

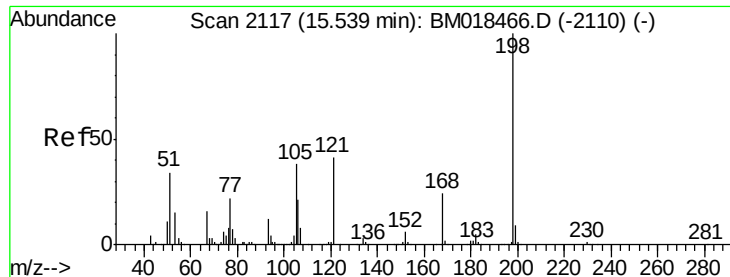


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

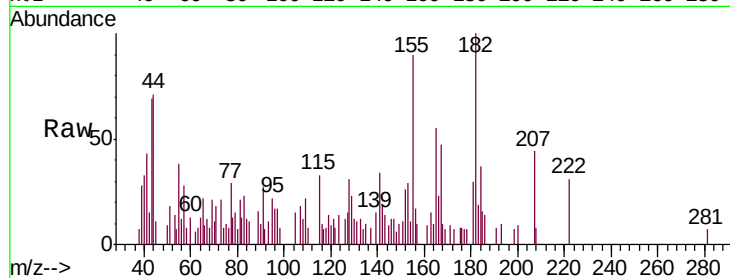




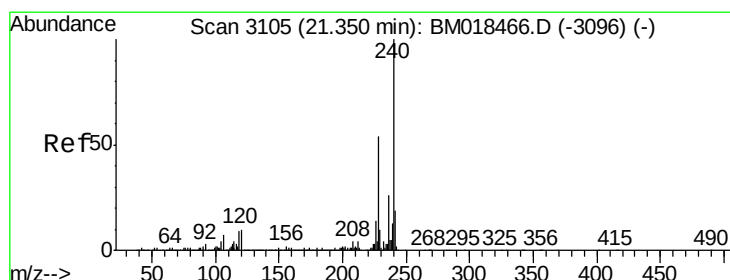
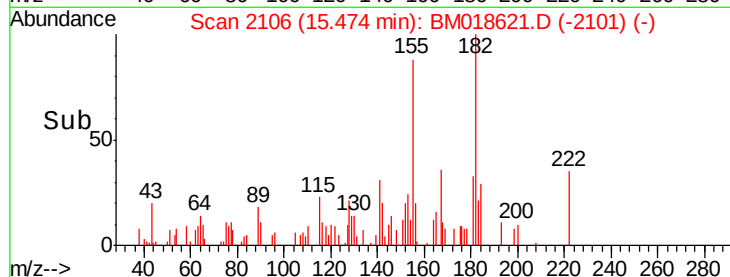
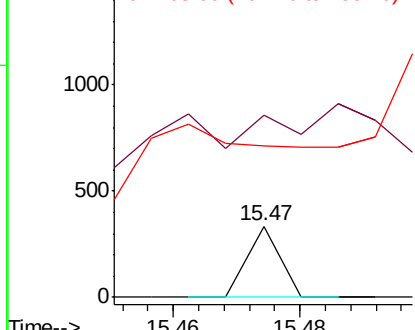
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.402 ng
 RT: 15.47 min Scan# 2106
 Delta R.T. -0.07 min
 Lab File: BM018621.D
 Acq: 17 Jan 2019 19:22

Instrument :
 BNA_M
 ClientSampled :
 S-9

Tgt Ion:198 Resp: 119
 Ion Ratio Lower Upper
 198 100
 51 254.8 29.6 69.6#
 105 212.5 25.5 65.5#

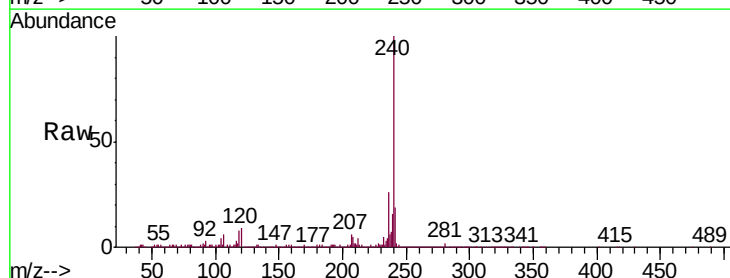


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

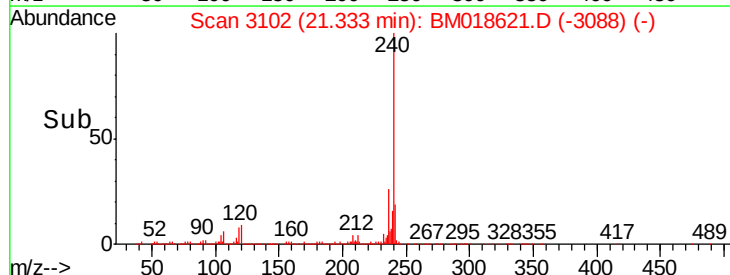
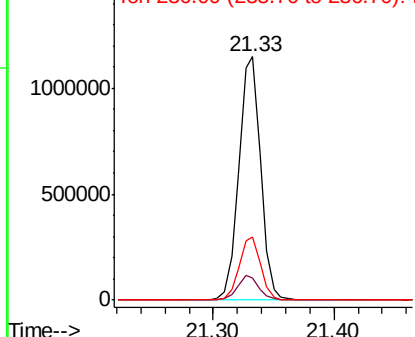


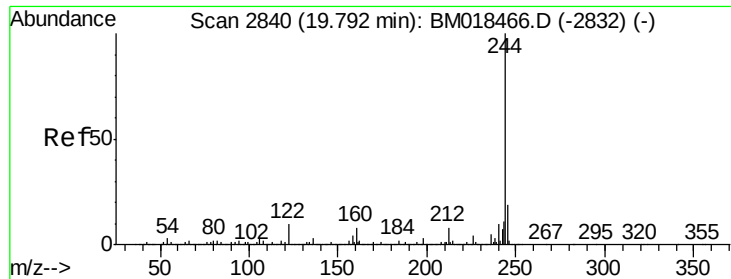
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM018621.D
 Acq: 17 Jan 2019 19:22

Tgt Ion:240 Resp: 1444895
 Ion Ratio Lower Upper
 240 100
 120 9.1 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: 85.189 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

Instrument :

BNA_M

ClientSampleId :

S-9

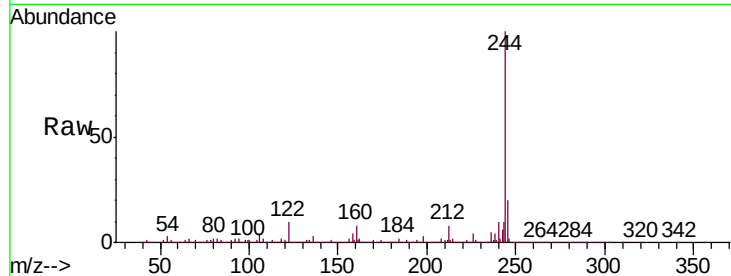
Tgt Ion:244 Resp: 5839017

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

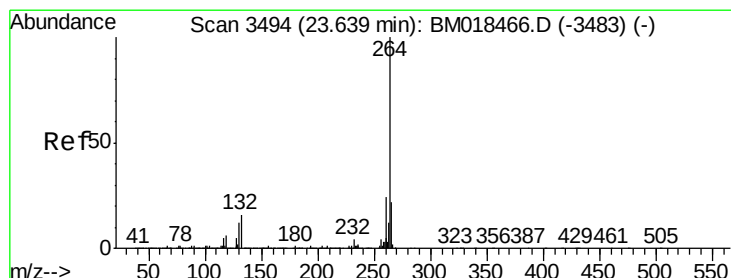
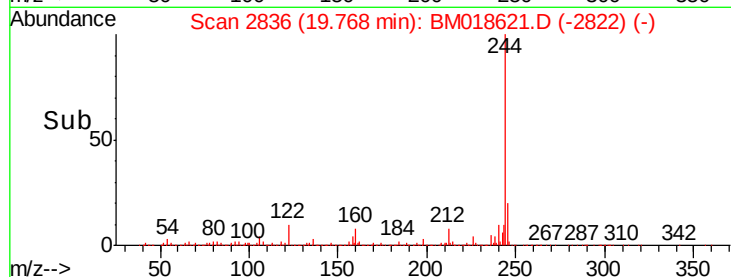
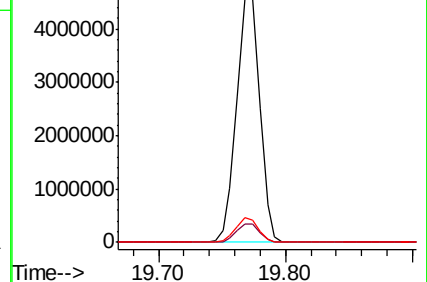
122 10.2 9.0 13.4



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: 23.60 min Scan# 3488

Delta R.T. -0.03 min

Lab File: BM018621.D

Acq: 17 Jan 2019 19:22

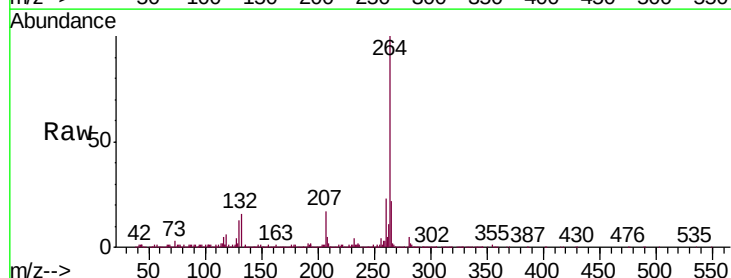
Tgt Ion:264 Resp: 1388595

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 22.1 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

