

Data File : BM018613.D
Acq On : 17 Jan 2019 14:36
Operator : JU/SJ
Sample : K1147-22RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-8

Quant Time: Jan 18 04:42:18 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

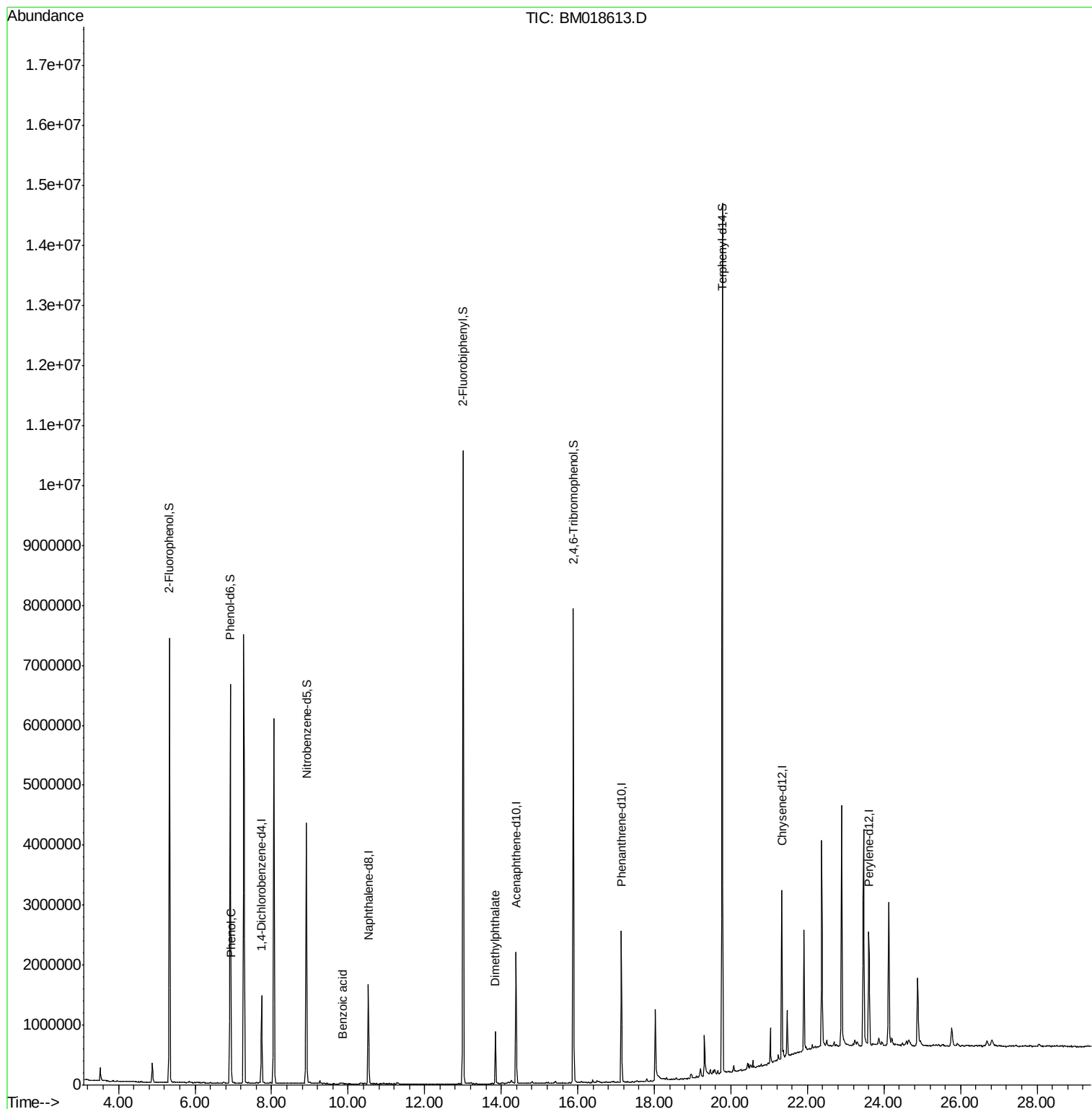
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	379049	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1413404	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	731361	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1474902	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1361669	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1403227	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	3045692	148.37	ng	-0.02
7) Phenol-d6	6.92	99	3759889	144.21	ng	-0.01
23) Nitrobenzene-d5	8.91	82	2376934	97.49	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1421190	152.61	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	5533690	98.73	ng	-0.02
79) Terphenyl-d14	19.77	244	6577024	101.82	ng	-0.01
Target Compounds						
10) Phenol	6.95	94	179727	6.784	ng	96
32) Benzoic acid	9.87	122	112	6.510	ng	# 37
50) Dimethylphthalate	13.84	163	549125	9.142	ng	99

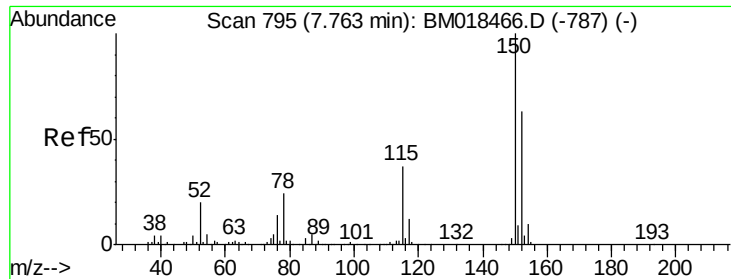
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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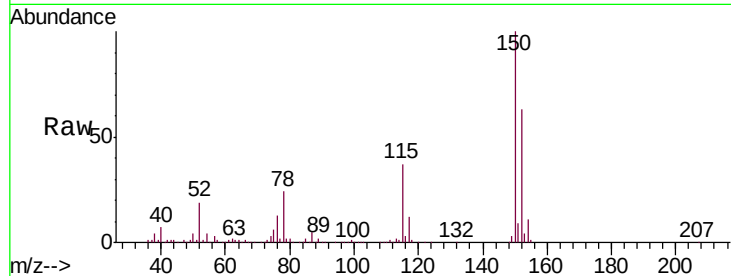


#1

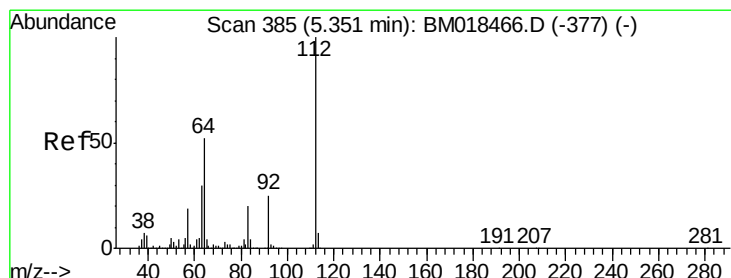
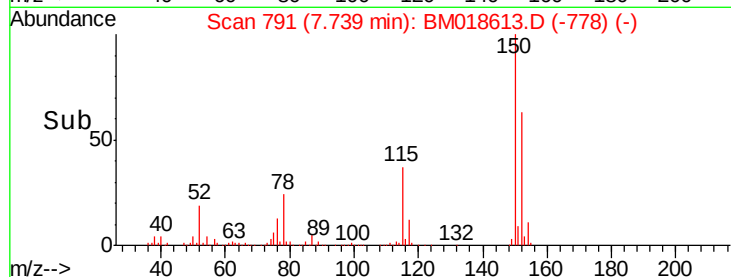
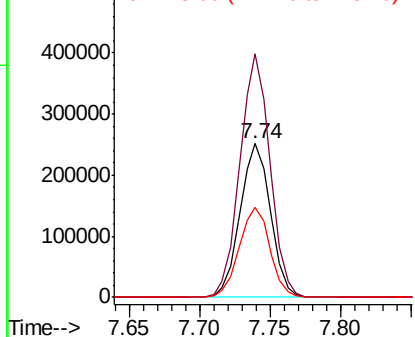
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018613.D
Acq: 17 Jan 2019 14:36

Instrument :
BNA_M
ClientSampled :
TP-8

Tgt Ion:152 Resp: 379049
Ion Ratio Lower Upper
152 100
150 158.3 126.9 190.3
115 58.3 45.5 68.3



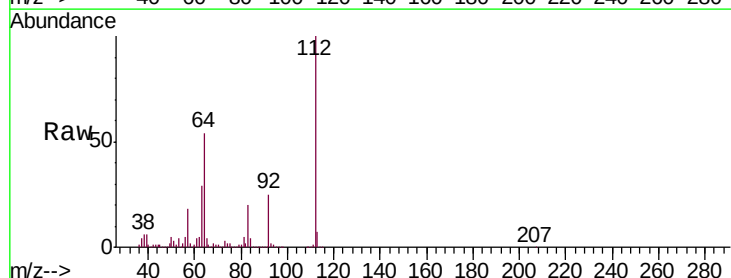
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



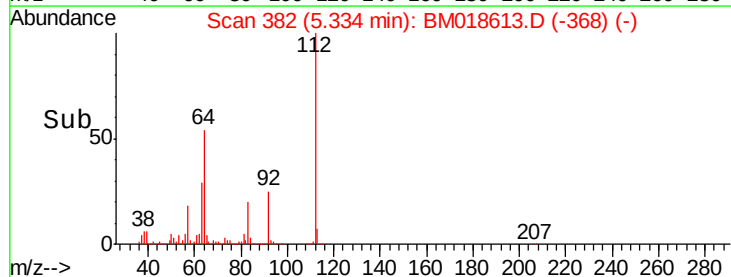
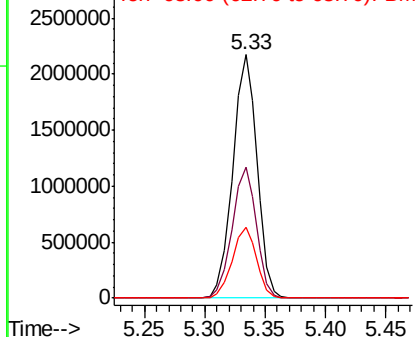
#5

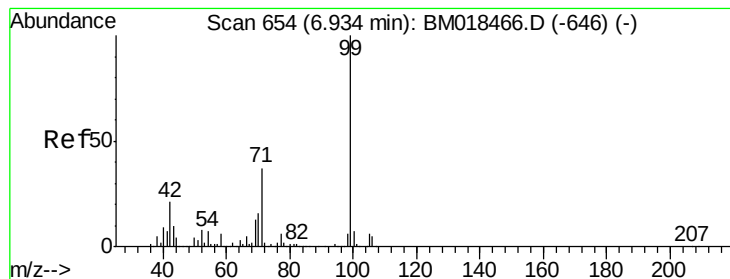
2-Fluorophenol
Concen: 148.367 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018613.D
Acq: 17 Jan 2019 14:36

Tgt Ion:112 Resp: 3045692
Ion Ratio Lower Upper
112 100
64 53.9 46.5 69.7
63 29.2 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: 144.206 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018613.D

Acq: 17 Jan 2019 14:36

Instrument :

BNA_M

ClientSampleId :

TP-8

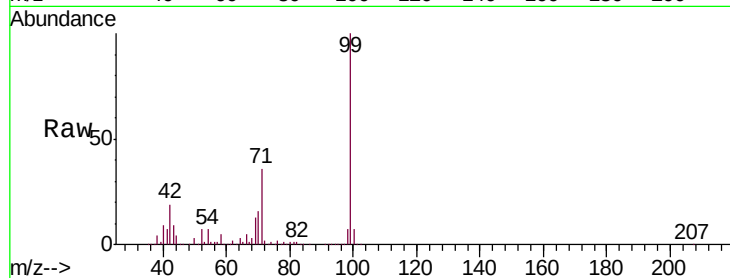
Tgt Ion: 99 Resp: 3759889

Ion Ratio Lower Upper

99 100

42 19.2 17.3 25.9

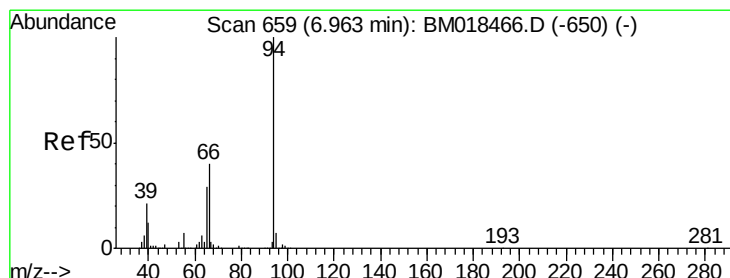
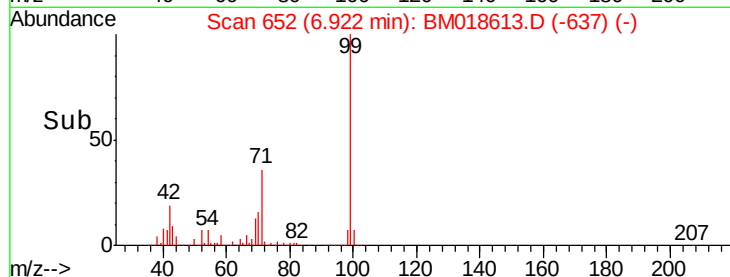
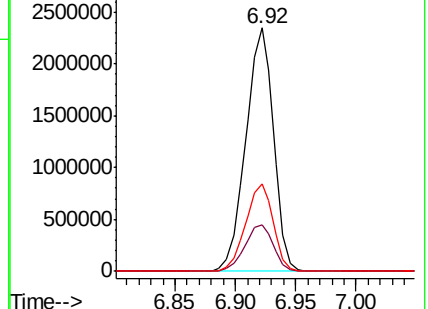
71 35.9 28.0 42.0



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: 6.784 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM018613.D

Acq: 17 Jan 2019 14:36

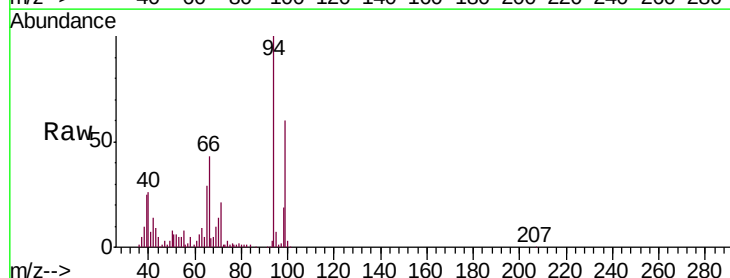
Tgt Ion: 94 Resp: 179727

Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

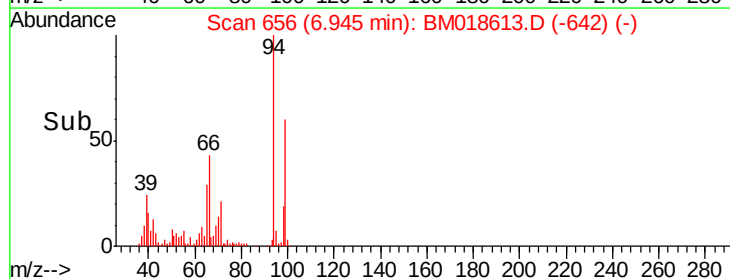
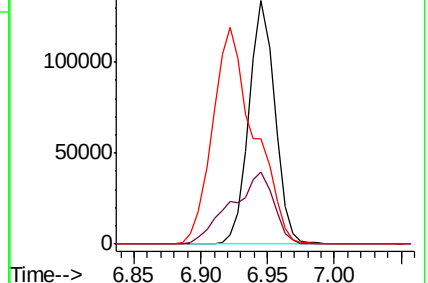
66 43.1 19.1 59.1

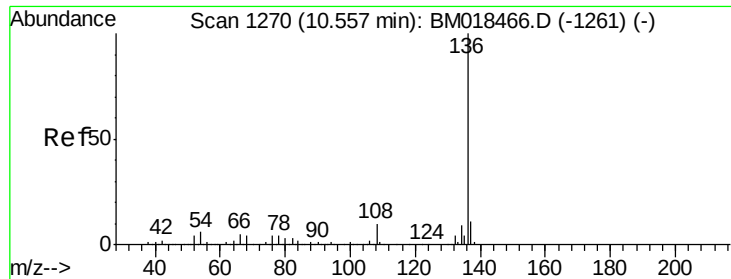


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

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

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

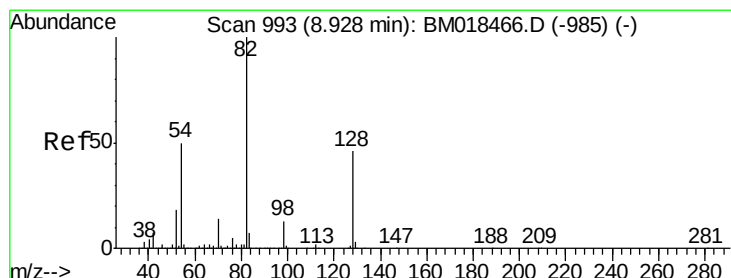
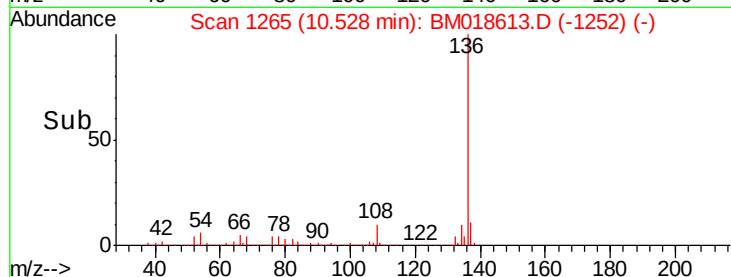
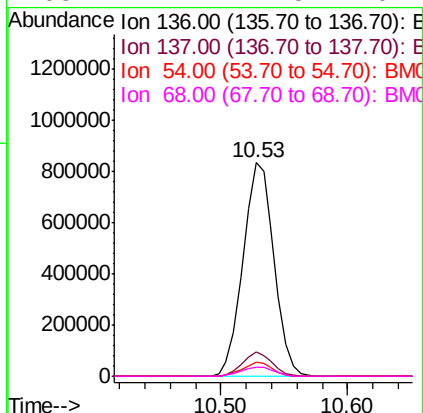
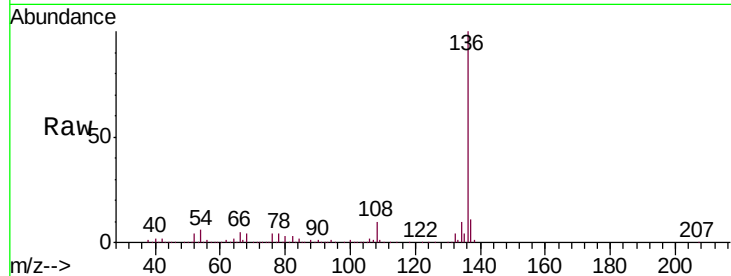




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM018613.D
Acq: 17 Jan 2019 14:36

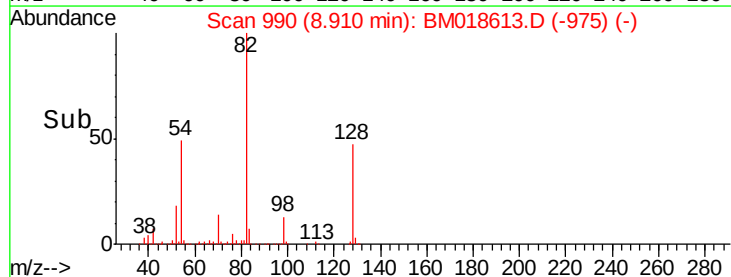
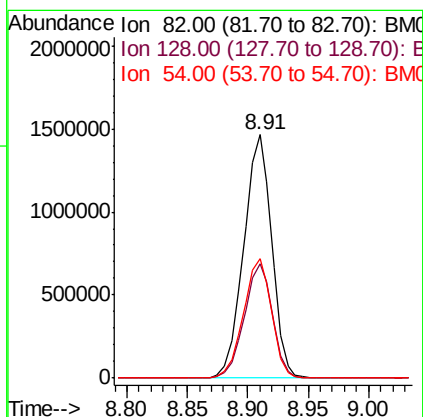
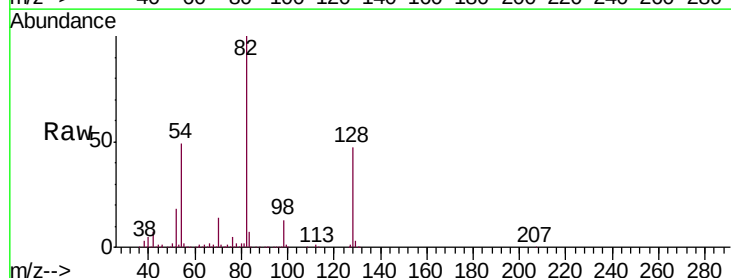
Instrument :
BNA_M
ClientSampleId :
TP-8

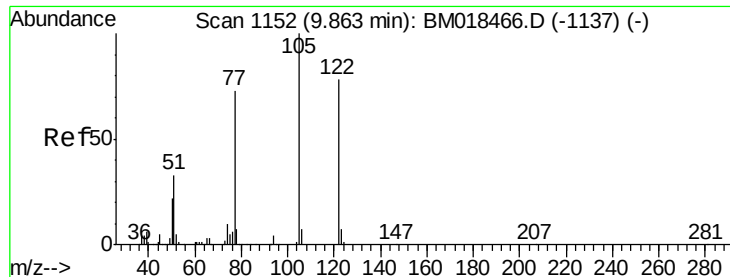
Tgt Ion:136 Resp: 1413404
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 6.4 6.0 9.0
68 4.4 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 97.490 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018613.D
Acq: 17 Jan 2019 14:36

Tgt Ion: 82 Resp: 2376934
Ion Ratio Lower Upper
82 100
128 47.1 36.3 54.5
54 49.1 41.7 62.5

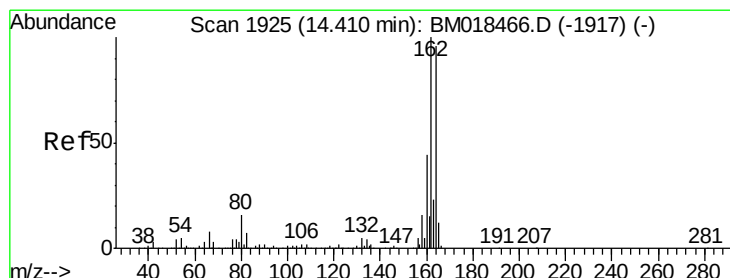
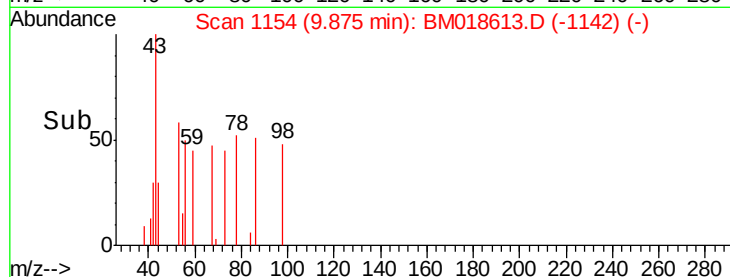
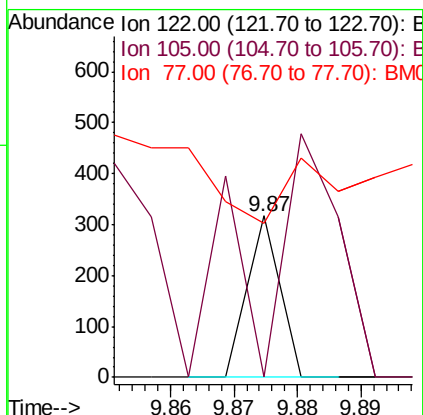
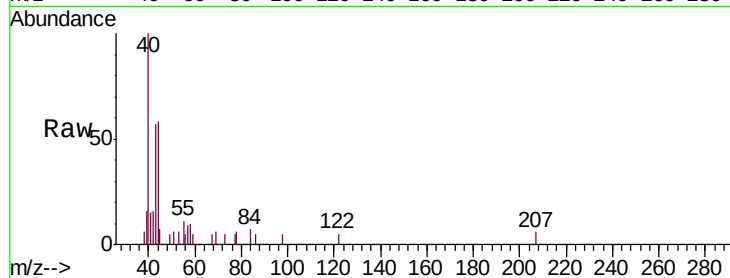




#32
Benzoic acid
Concen: 6.510 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BM018613.D
Acq: 17 Jan 2019 14:36

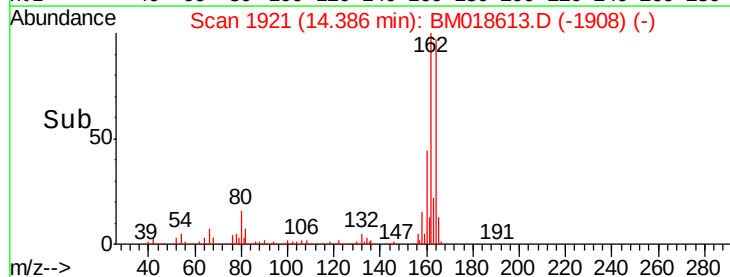
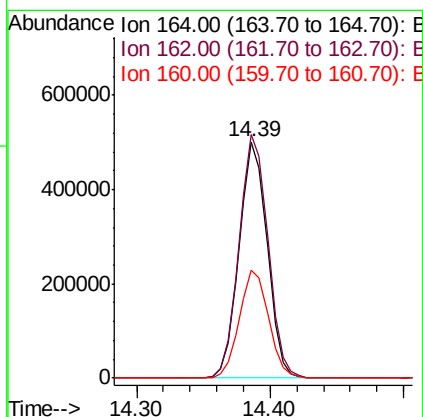
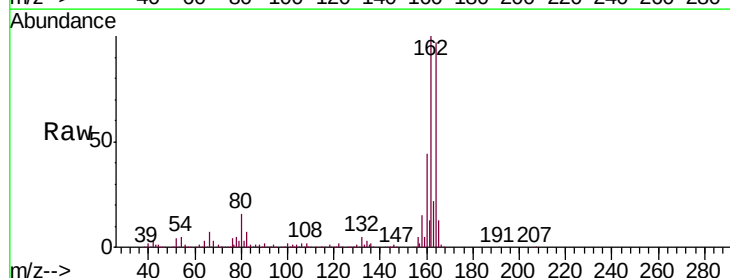
Instrument :
BNA_M
ClientSampleId :
TP-8

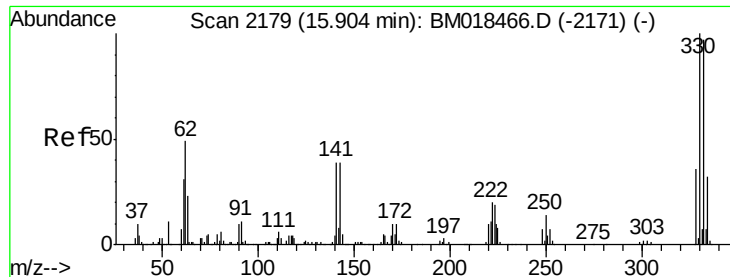
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.4	140.4#
77	95.6	71.7	111.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018613.D
Acq: 17 Jan 2019 14:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.4
160	45.7	37.1	55.7

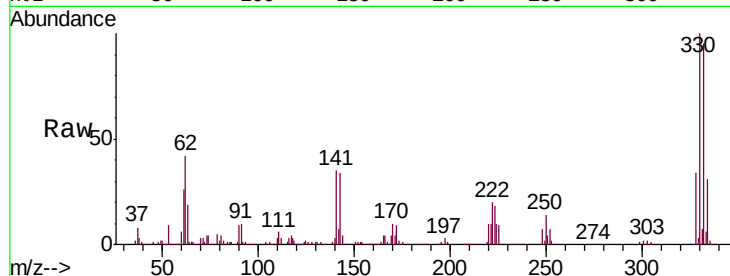




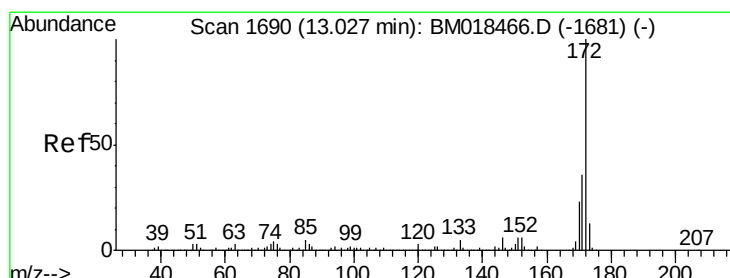
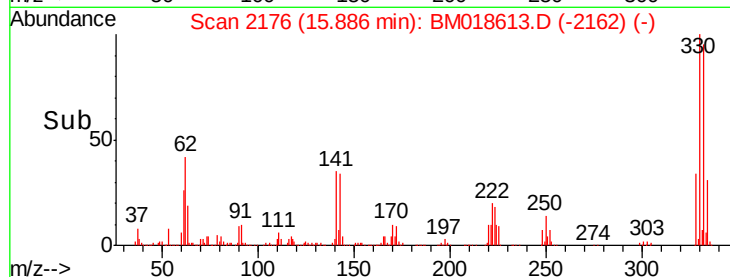
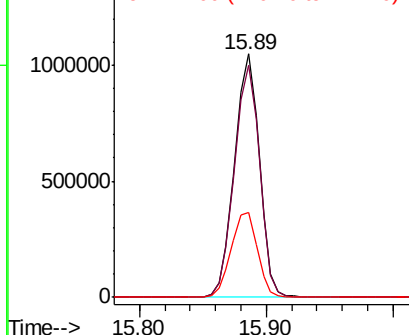
#42
 2,4,6-Tribromophenol
 Concen: 152.615 ng
 RT: 15.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BM018613.D
 Acq: 17 Jan 2019 14:36

Instrument :
 BNA_M
 ClientSampled :
 TP-8

Tgt Ion:330 Resp: 1421190
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.6 116.4
 141 36.9 31.7 47.5

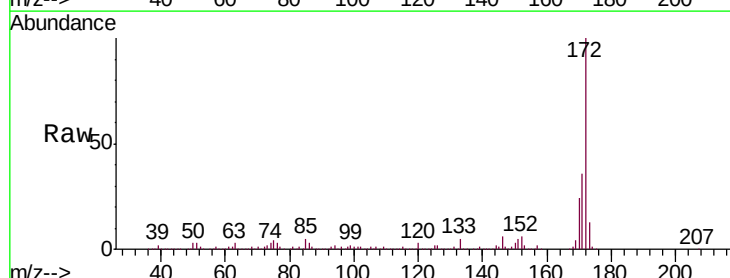


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

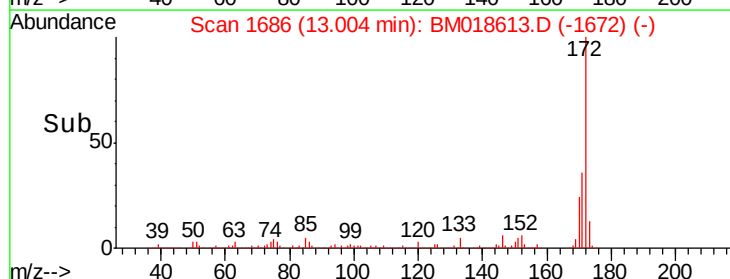
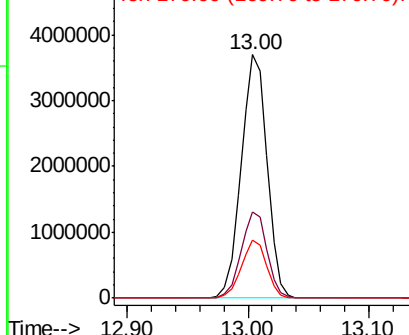


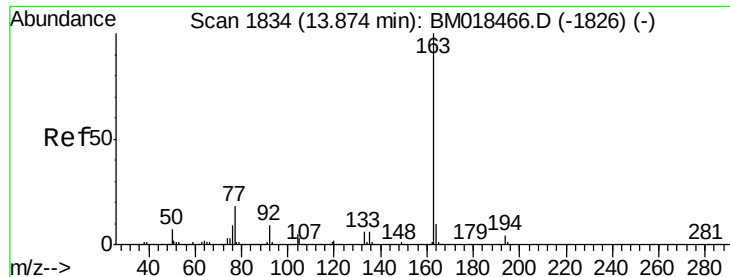
#45
 2-Fluorobiphenyl
 Concen: 98.730 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018613.D
 Acq: 17 Jan 2019 14:36

Tgt Ion:172 Resp: 5533690
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 23.7 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

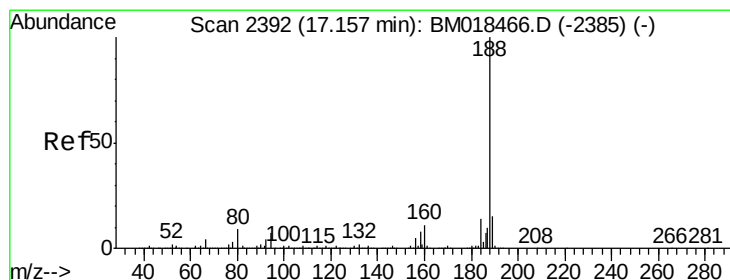
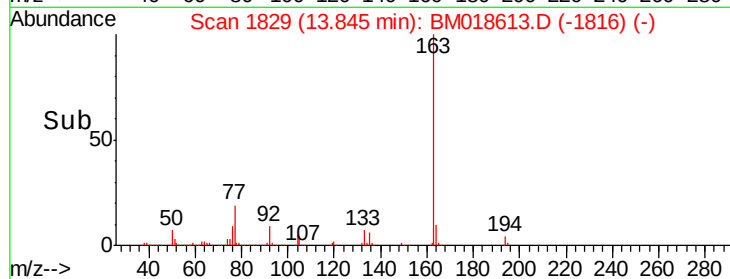
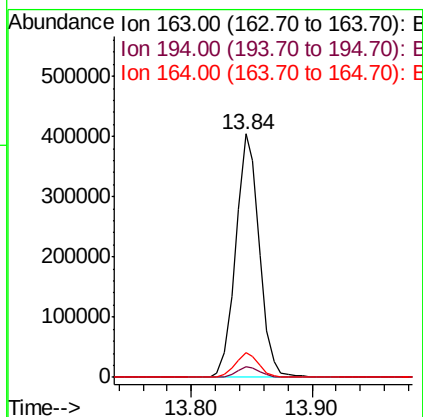
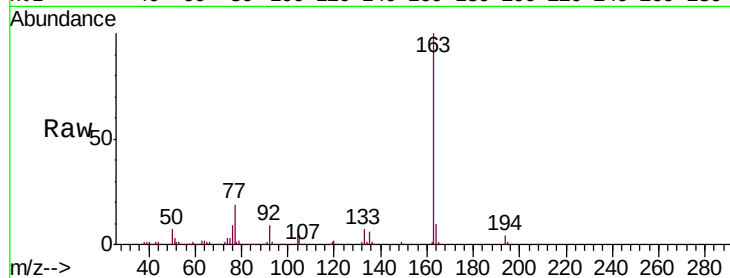




#50
Dimethylphthalate
Concen: 9.142 ng
RT: 13.84 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BM018613.D
Acq: 17 Jan 2019 14:36

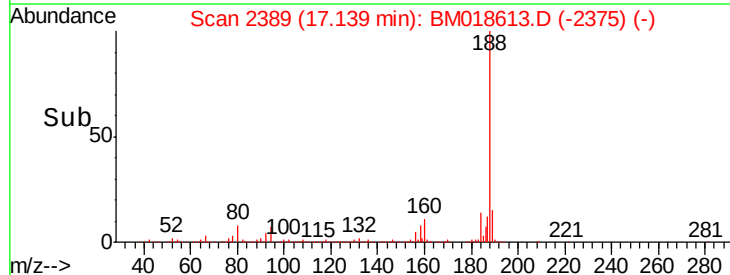
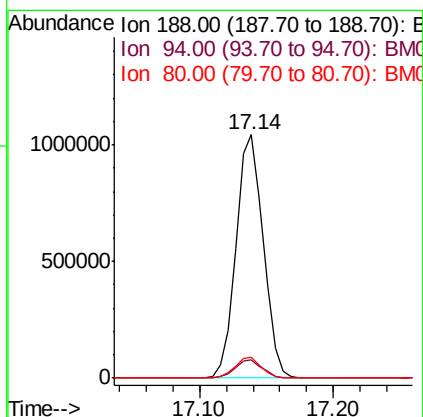
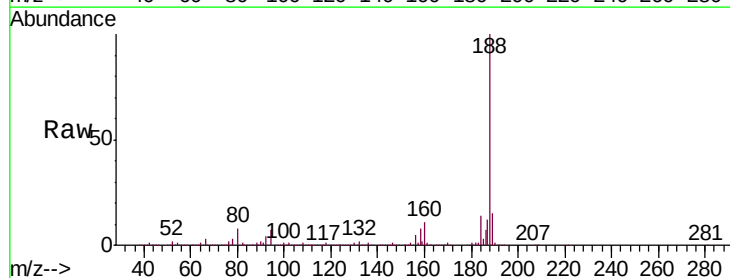
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BNA_M
ClientSampled :
TP-8

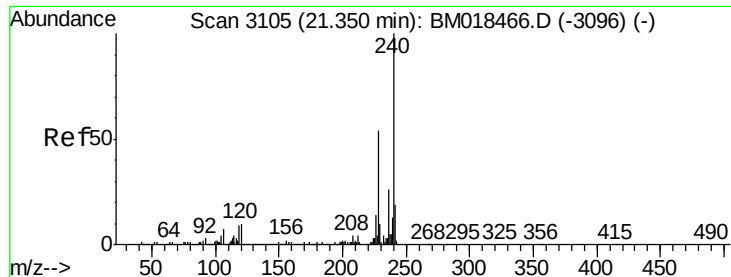
Tgt Ion:163 Resp: 549125
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.2 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018613.D
Acq: 17 Jan 2019 14:36

Tgt Ion:188 Resp: 1474902
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 8.4 7.6 11.4

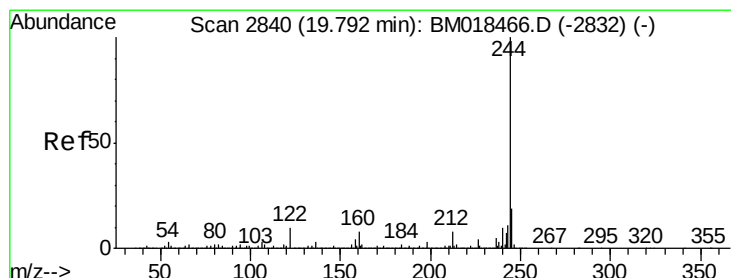
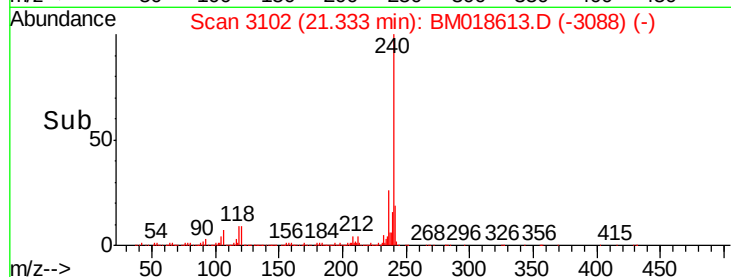
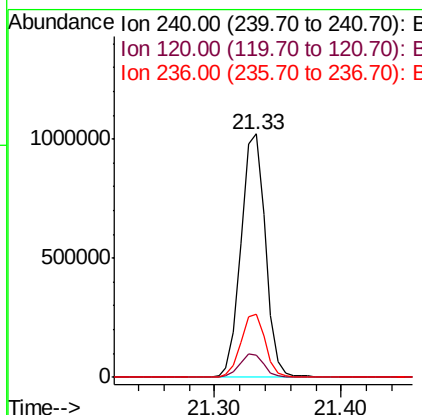
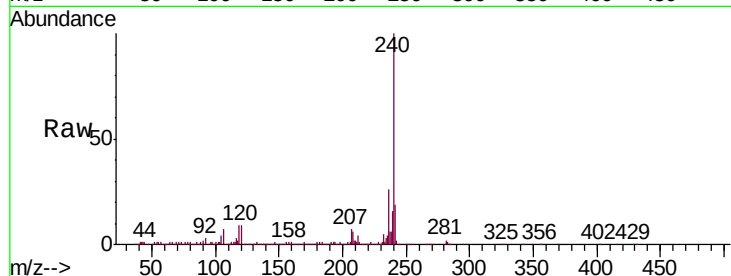




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.02 min
Lab File: BM018613.D
Acq: 17 Jan 2019 14:36

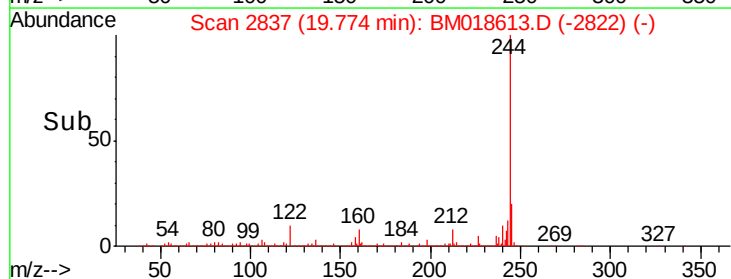
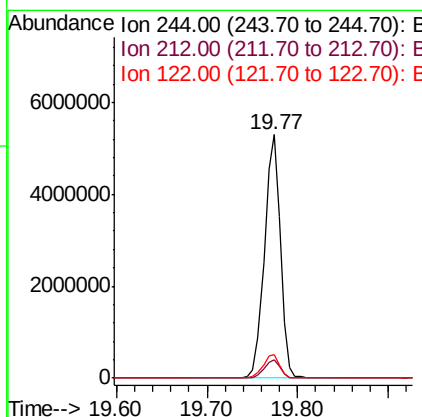
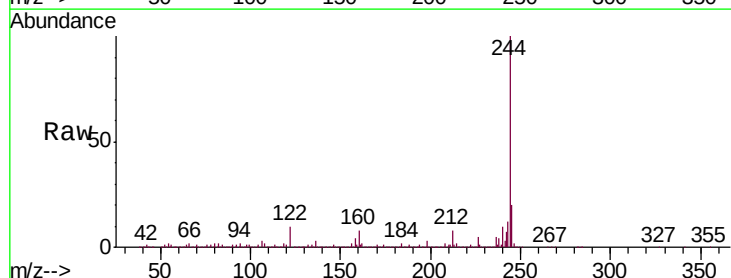
Instrument :
BNA_M
ClientSampled :
TP-8

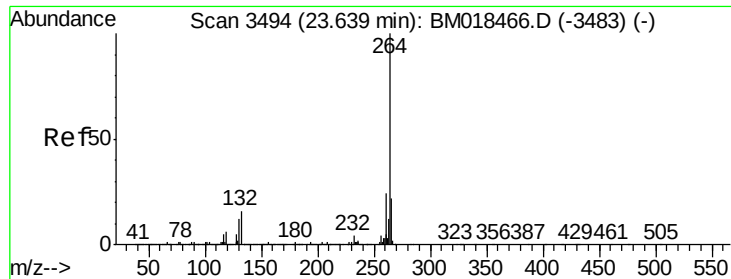
Tgt Ion:240 Resp: 1361669
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.8 20.7 31.1



#79
Terphenyl-d14
Concen: 101.821 ng
RT: 19.77 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BM018613.D
Acq: 17 Jan 2019 14:36

Tgt Ion:244 Resp: 6577024
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.6 9.0 13.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.60 min Scan# 3488

Delta R.T. -0.03 min

Lab File: BM018613.D

Acq: 17 Jan 2019 14:36

Instrument :

BNA_M

ClientSampleId :

TP-8

Tgt Ion: 264 Resp: 1403227

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.5 16.8 25.2

