

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018594.D
 Acq On : 16 Jan 2019 21:38
 Operator : JU/SJ
 Sample : K1147-25
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-9

Quant Time: Jan 17 01:10:53 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

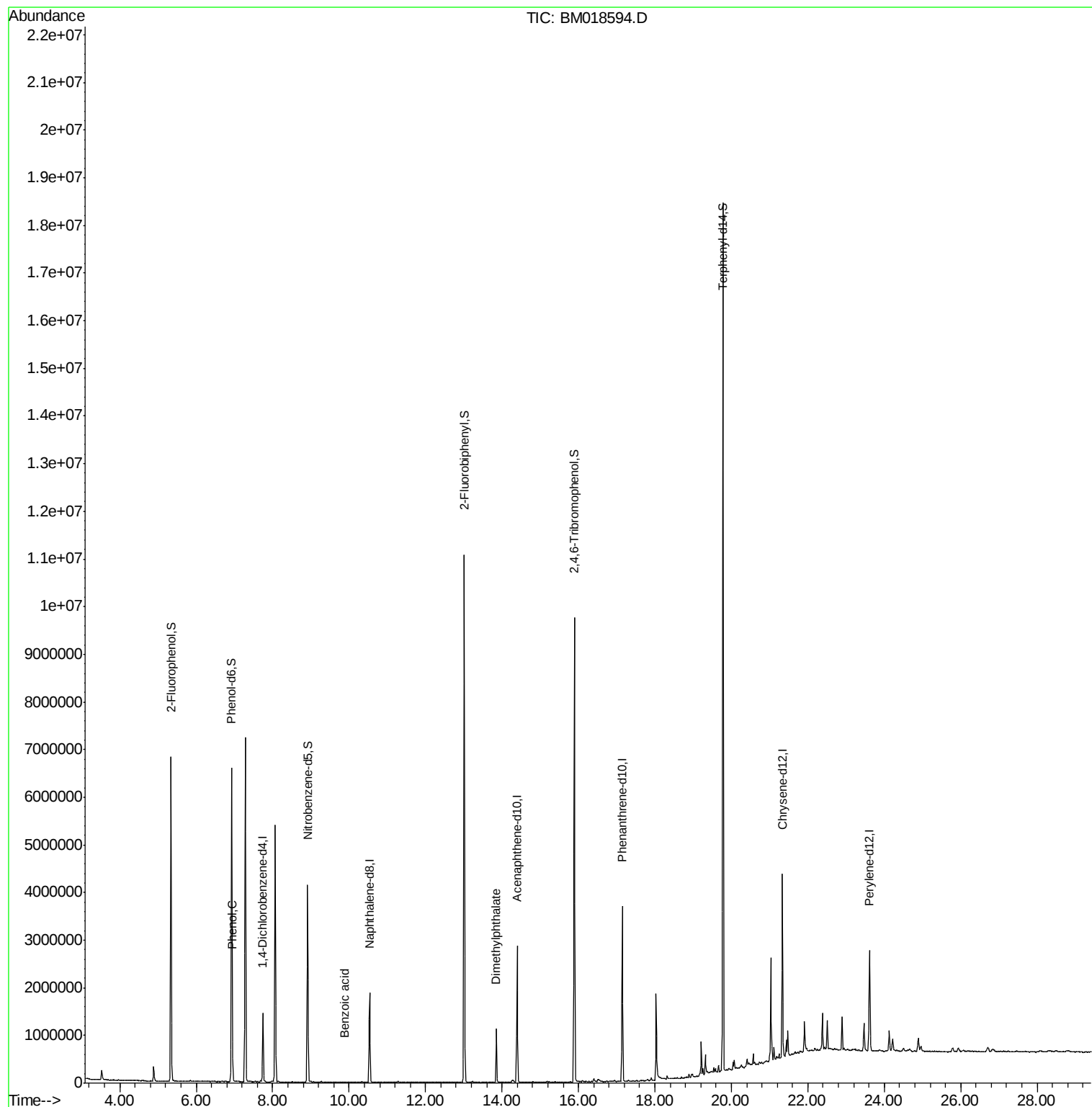
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	392288	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	1600670	20.00	ng	-0.01
39) Acenaphthene-d10	14.40	164	943817	20.00	ng	-0.01
64) Phenanthrene-d10	17.14	188	2128254	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1816640	20.00	ng	-0.01
87) Perylene-d12	23.61	264	1529665	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	2833279	133.36	ng	-0.01
7) Phenol-d6	6.93	99	3734749	138.41	ng	0.00
23) Nitrobenzene-d5	8.92	82	2304297	83.45	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1730834	144.03	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	5829863	80.60	ng	-0.01
79) Terphenyl-d14	19.78	244	8254981	95.79	ng	0.00
Target Compounds						
10) Phenol	6.95	94	185458	6.764	ng	94
32) Benzoic acid	9.88	122	113	6.509	ng	# 69
50) Dimethylphthalate	13.85	163	752518	9.708	ng	98

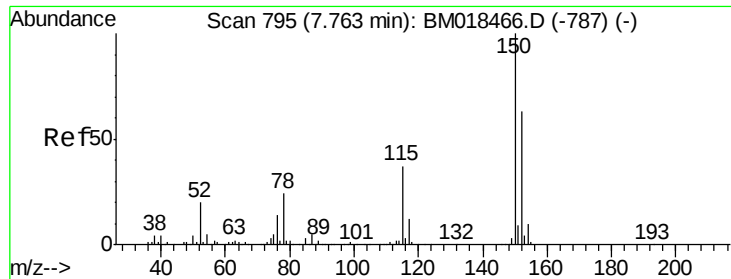
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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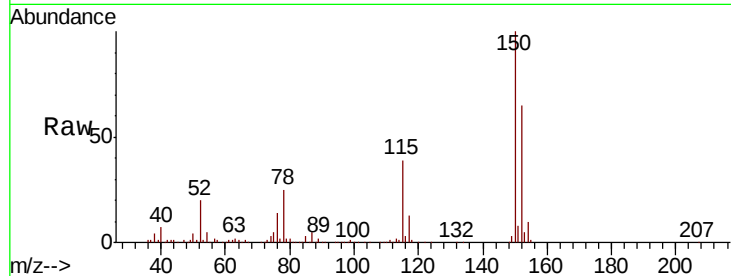


#1

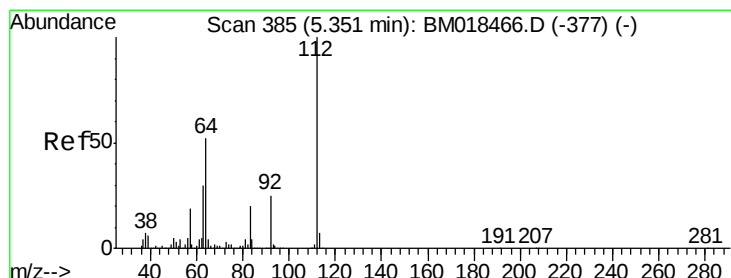
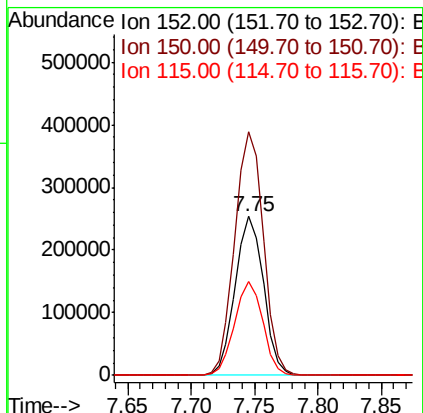
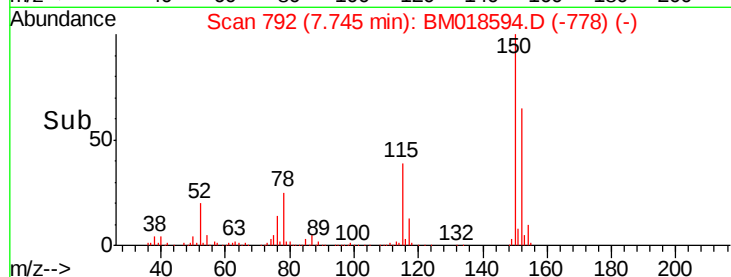
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018594.D
Acq: 16 Jan 2019 21:38

Instrument :
BNA_M
ClientSampled :
TP-9

Tgt Ion:152 Resp: 392288
Ion Ratio Lower Upper
152 100
150 153.3 126.9 190.3
115 59.4 45.5 68.3



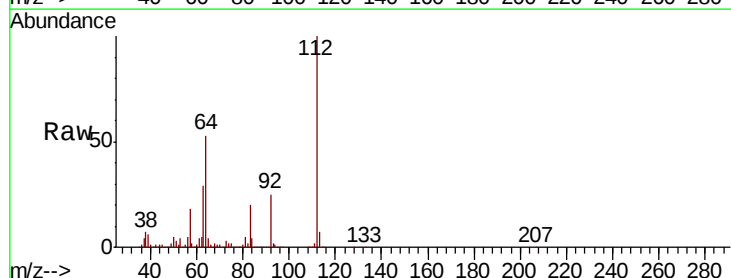
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



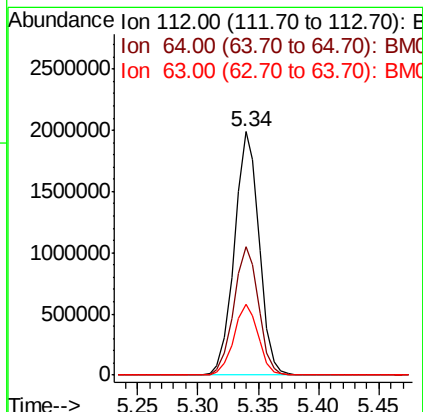
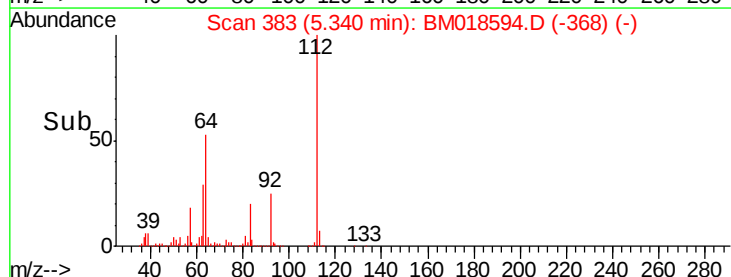
#5

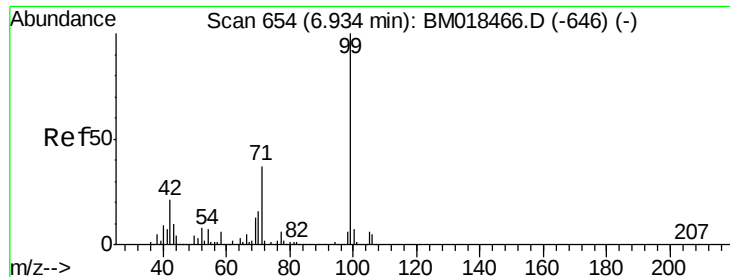
2-Fluorophenol
Concen: 133.362 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018594.D
Acq: 16 Jan 2019 21:38

Tgt Ion:112 Resp: 2833279
Ion Ratio Lower Upper
112 100
64 53.0 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: 138.407 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018594.D

Acq: 16 Jan 2019 21:38

Instrument :

BNA_M

ClientSampleId :

TP-9

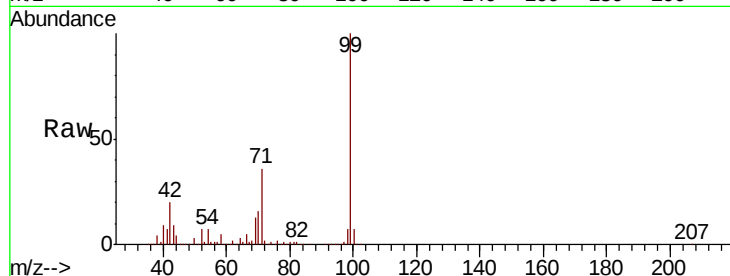
Tgt Ion: 99 Resp: 3734749

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

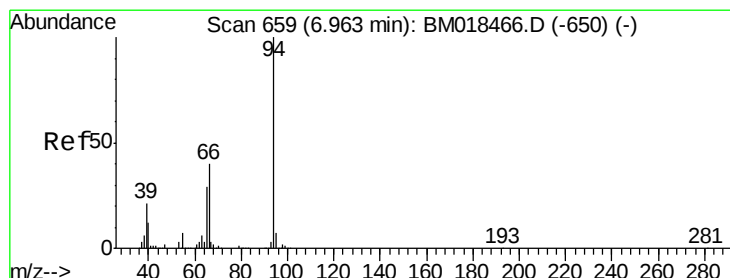
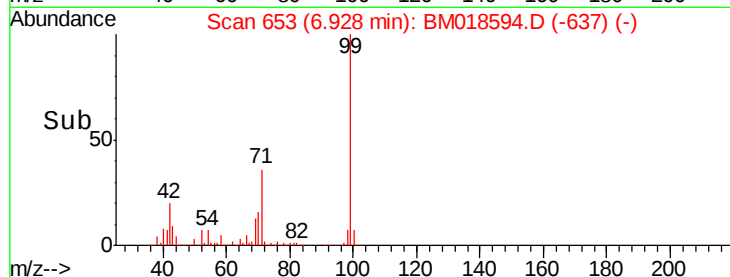
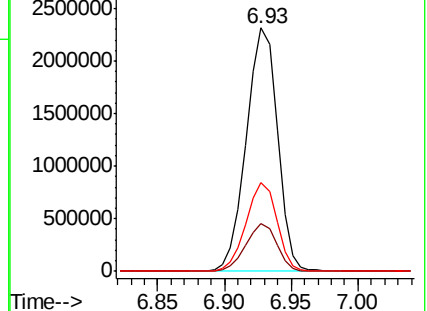
71 36.4 28.0 42.0



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: 6.764 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM018594.D

Acq: 16 Jan 2019 21:38

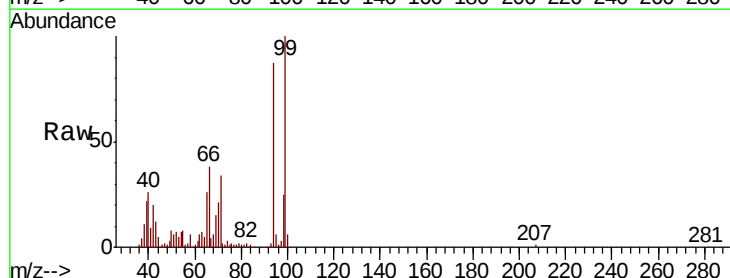
Tgt Ion: 94 Resp: 185458

Ion Ratio Lower Upper

94 100

65 30.3 9.4 49.4

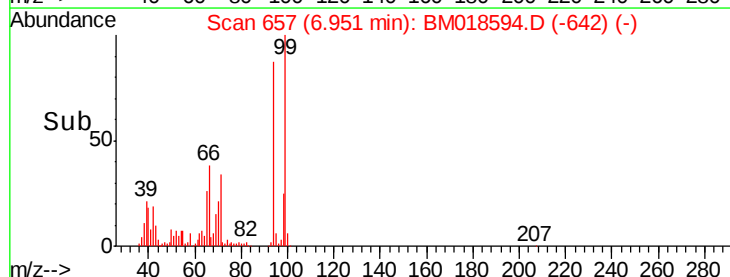
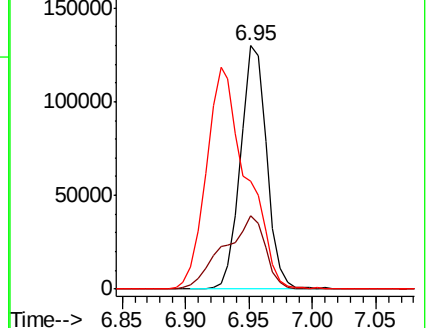
66 44.3 19.1 59.1

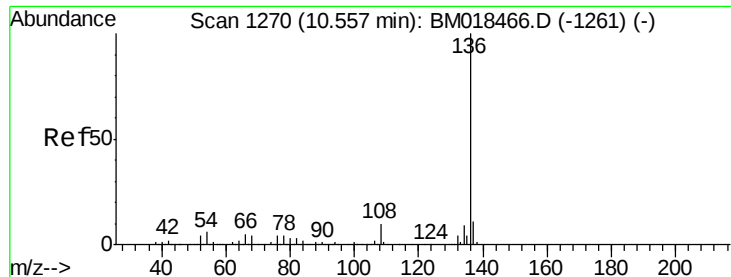


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

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

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

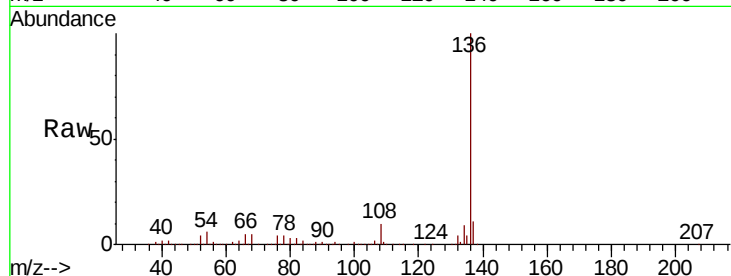




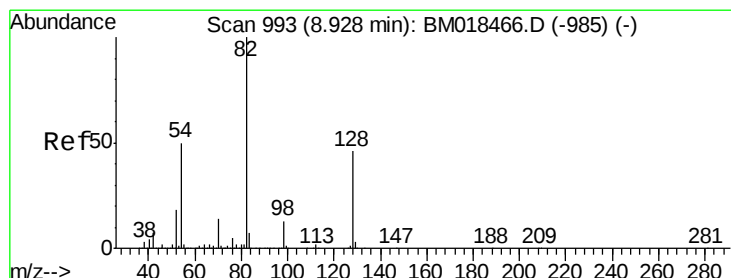
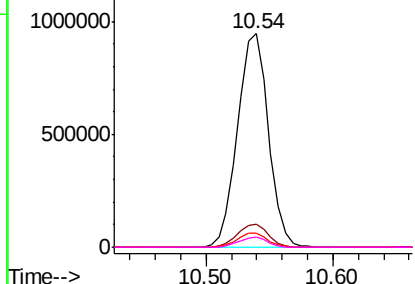
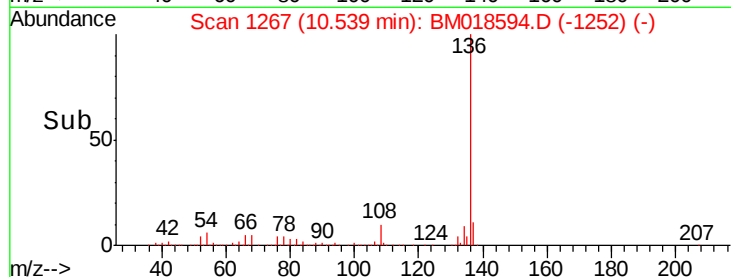
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM018594.D
Acq: 16 Jan 2019 21:38

Instrument :
BNA_M
ClientSampled :
TP-9

Tgt Ion:136 Resp: 1600670
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 6.3 6.0 9.0
68 4.5 4.5 6.7

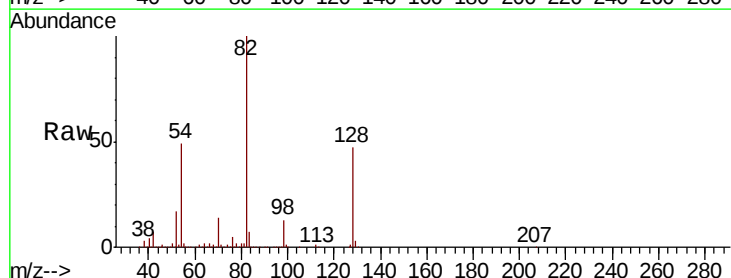


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

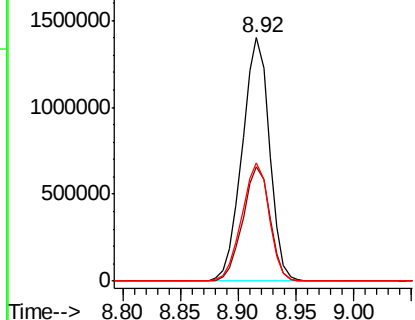
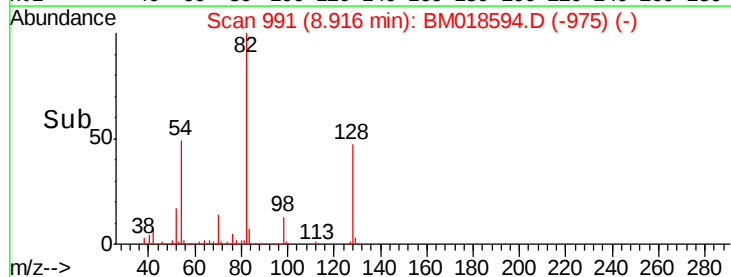


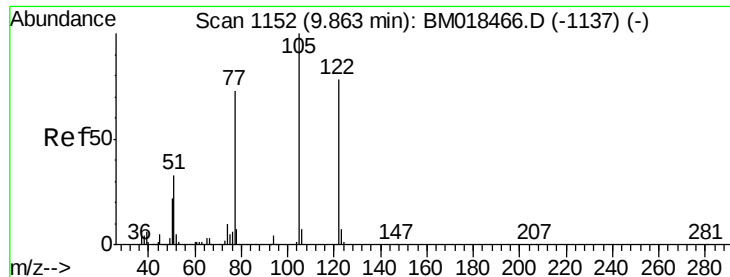
#23
Nitrobenzene-d5
Concen: 83.454 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018594.D
Acq: 16 Jan 2019 21:38

Tgt Ion: 82 Resp: 2304297
Ion Ratio Lower Upper
82 100
128 47.1 36.3 54.5
54 48.7 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM
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: 9.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BM018594.D

Acq: 16 Jan 2019 21:38

Instrument :

BNA_M

ClientSampleId :

TP-9

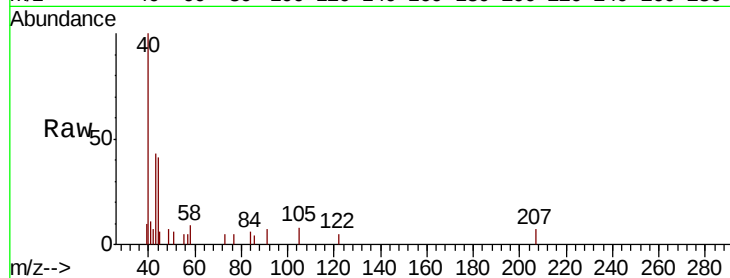
Tgt Ion:122 Resp: 113

Ion Ratio Lower Upper

122 100

105 163.9 100.4 140.4#

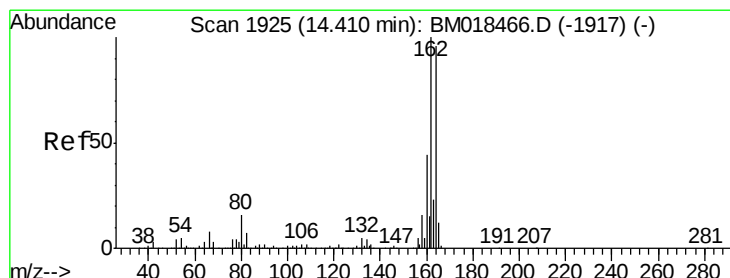
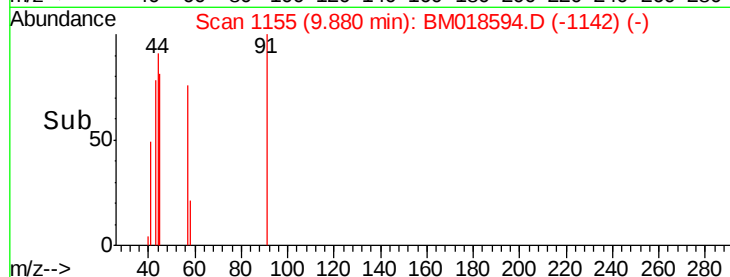
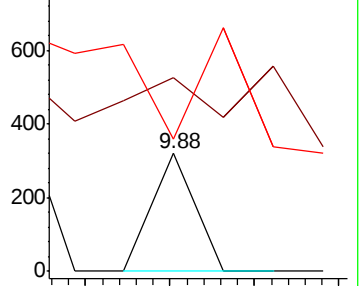
77 112.1 71.7 111.7#



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: 14.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM018594.D

Acq: 16 Jan 2019 21:38

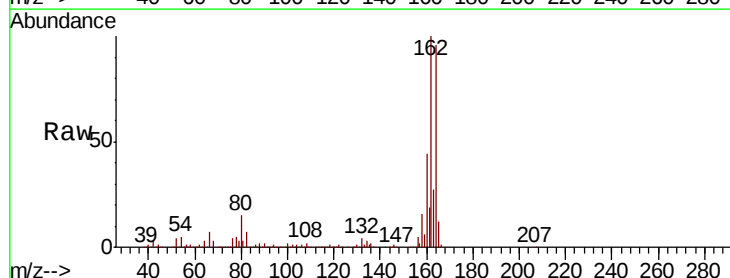
Tgt Ion:164 Resp: 943817

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.4

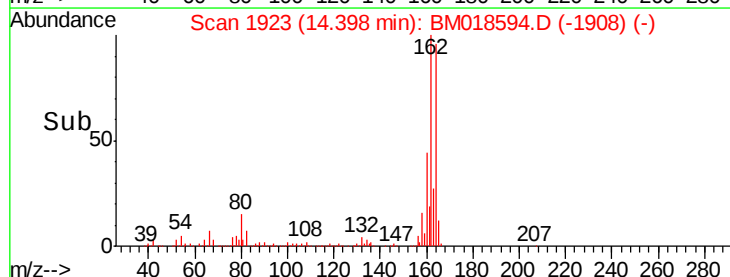
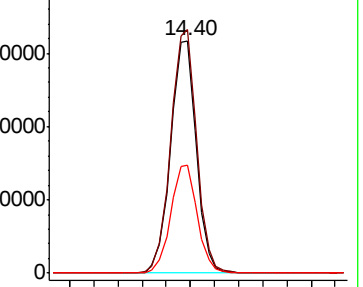
160 46.5 37.1 55.7

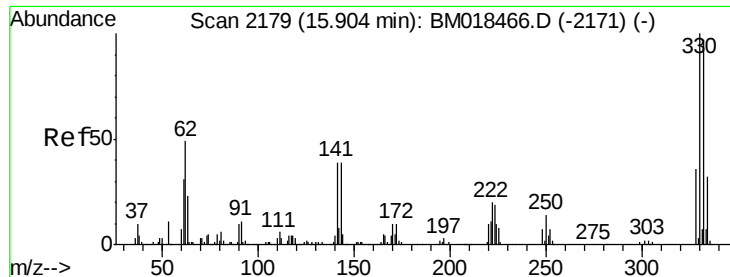


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

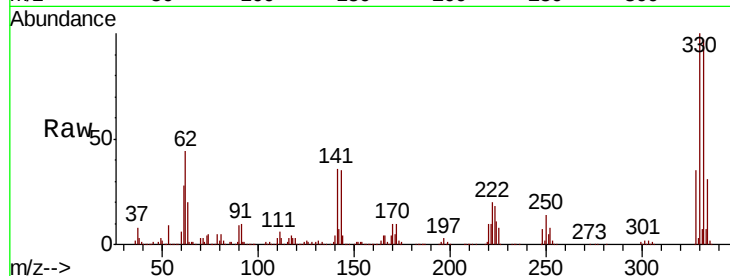




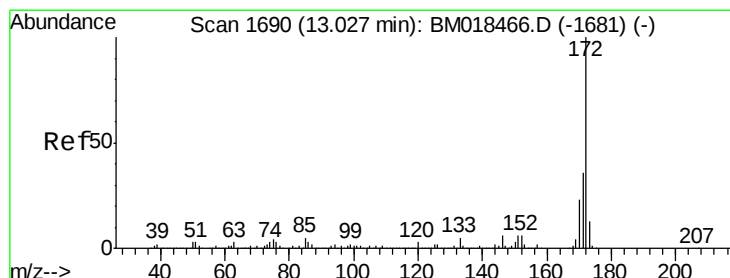
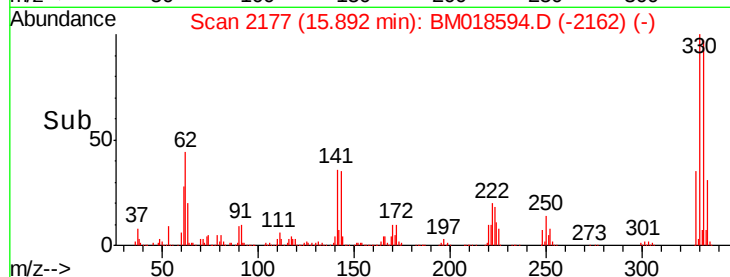
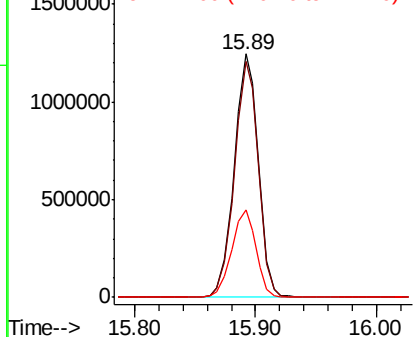
#42
 2,4,6-Tribromophenol
 Concen: 144.027 ng
 RT: 15.89 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018594.D
 Acq: 16 Jan 2019 21:38

Instrument :
 BNA_M
 ClientSampleId :
 TP-9

Tgt Ion:330 Resp: 1730834
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.6 116.4
 141 36.5 31.7 47.5

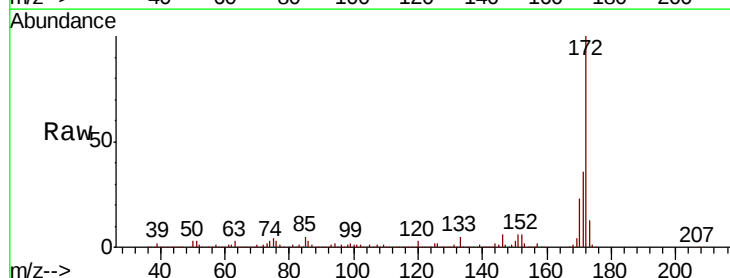


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

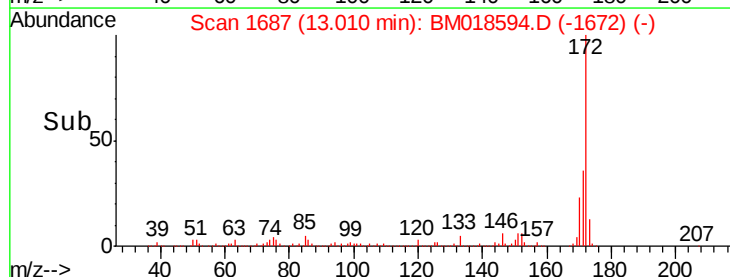
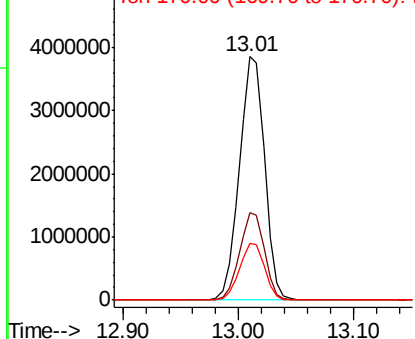


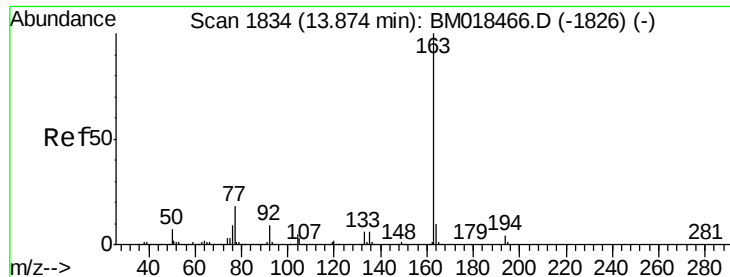
#45
 2-Fluorobiphenyl
 Concen: 80.600 ng
 RT: 13.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM018594.D
 Acq: 16 Jan 2019 21:38

Tgt Ion:172 Resp: 5829863
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: 9.708 ng

RT: 13.85 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BM018594.D

Acq: 16 Jan 2019 21:38

Instrument :

BNA_M

ClientSampleId :

TP-9

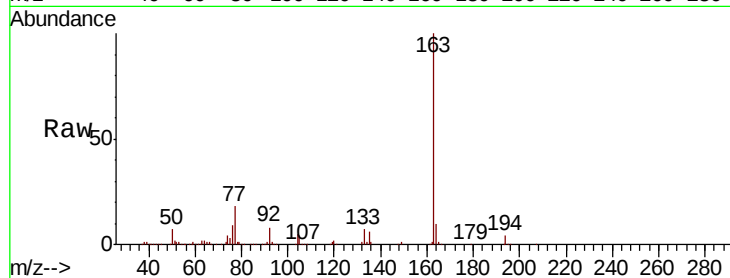
Tgt Ion:163 Resp: 752518

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

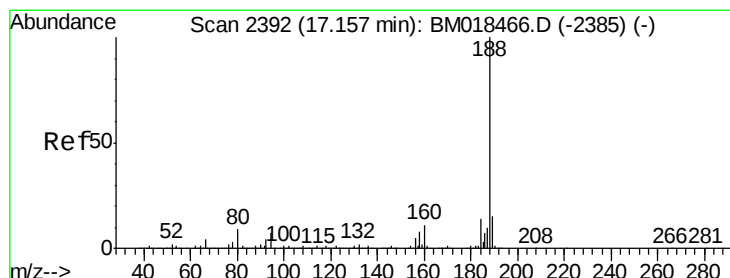
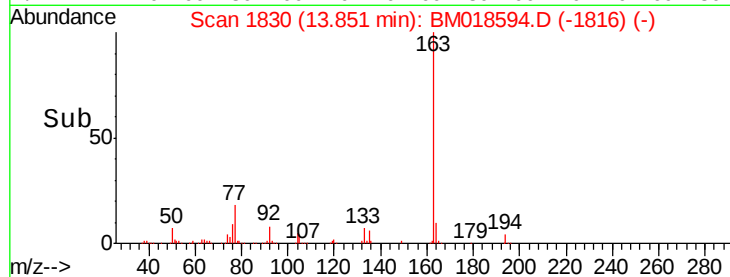
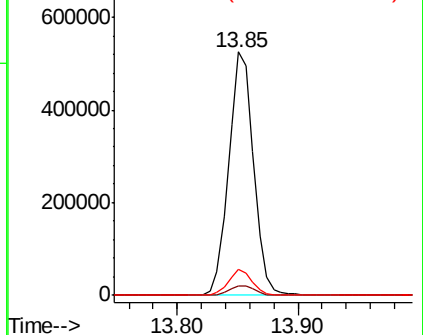
164 10.5 7.8 11.8



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# 2390

Delta R.T. -0.01 min

Lab File: BM018594.D

Acq: 16 Jan 2019 21:38

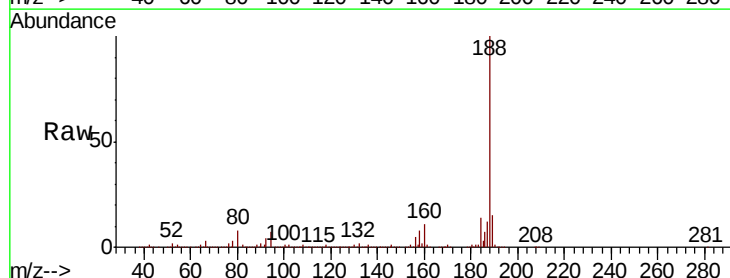
Tgt Ion:188 Resp: 2128254

Ion Ratio Lower Upper

188 100

94 7.3 7.1 10.7

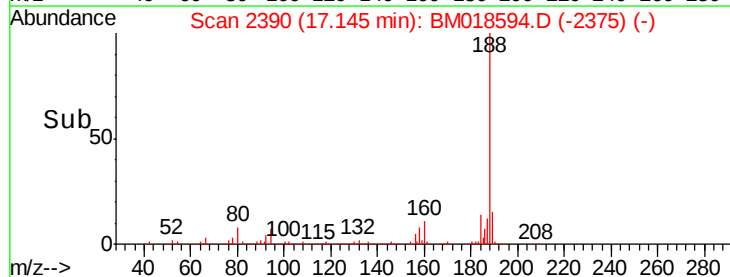
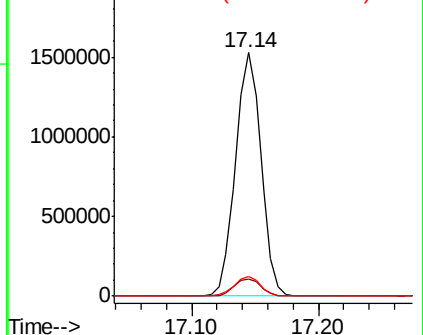
80 8.3 7.6 11.4

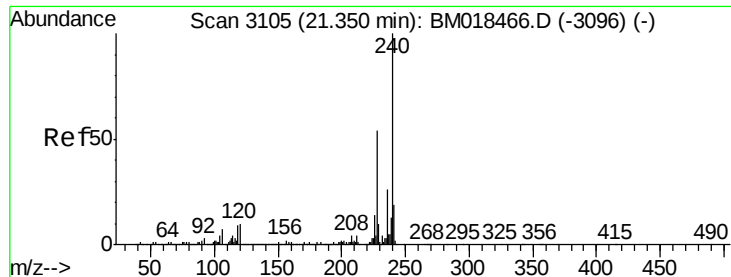


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

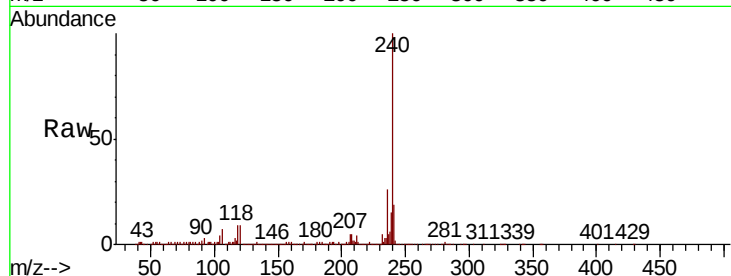




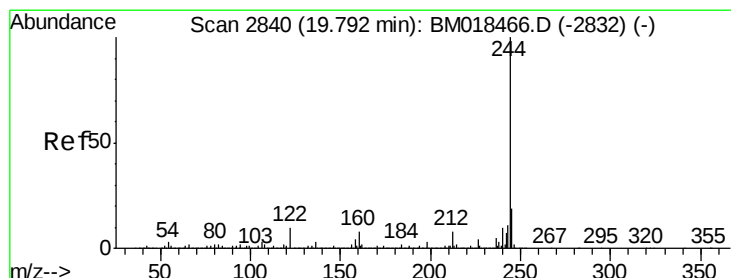
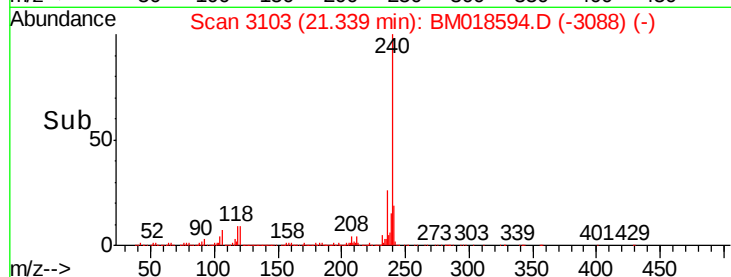
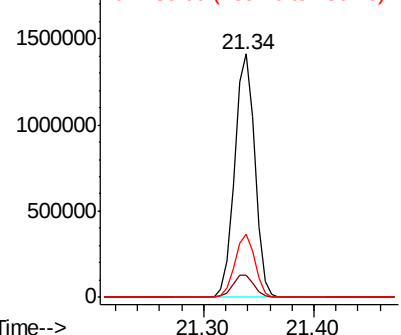
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018594.D
Acq: 16 Jan 2019 21:38

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:240 Resp: 1816640
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.9 20.7 31.1

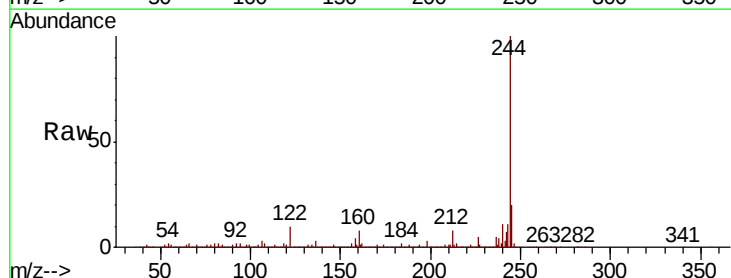


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

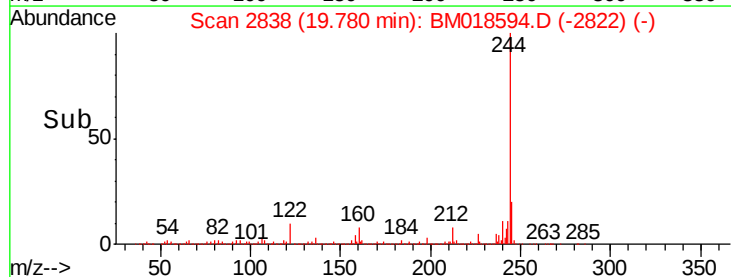
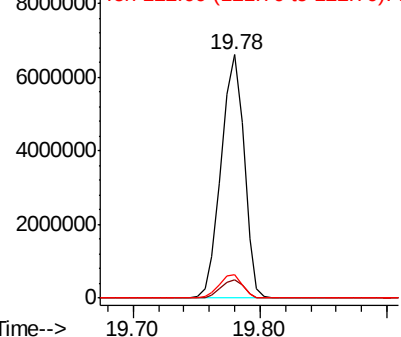


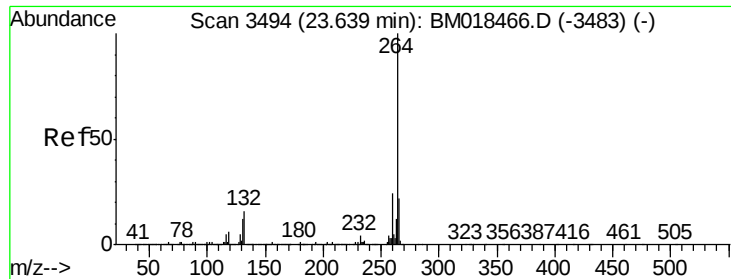
#79
Terphenyl-d14
Concen: 95.791 ng
RT: 19.78 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BM018594.D
Acq: 16 Jan 2019 21:38

Tgt Ion:244 Resp: 8254981
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.7 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



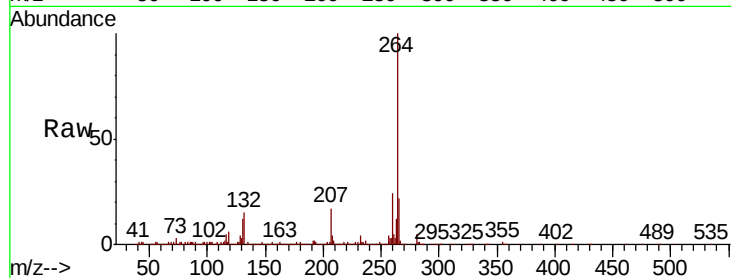


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.61 min Scan# 3490
Delta R.T. -0.02 min
Lab File: BM018594.D
Acq: 16 Jan 2019 21:38

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion: 264 Resp: 1529665

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.4	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

