

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 01:33:42 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

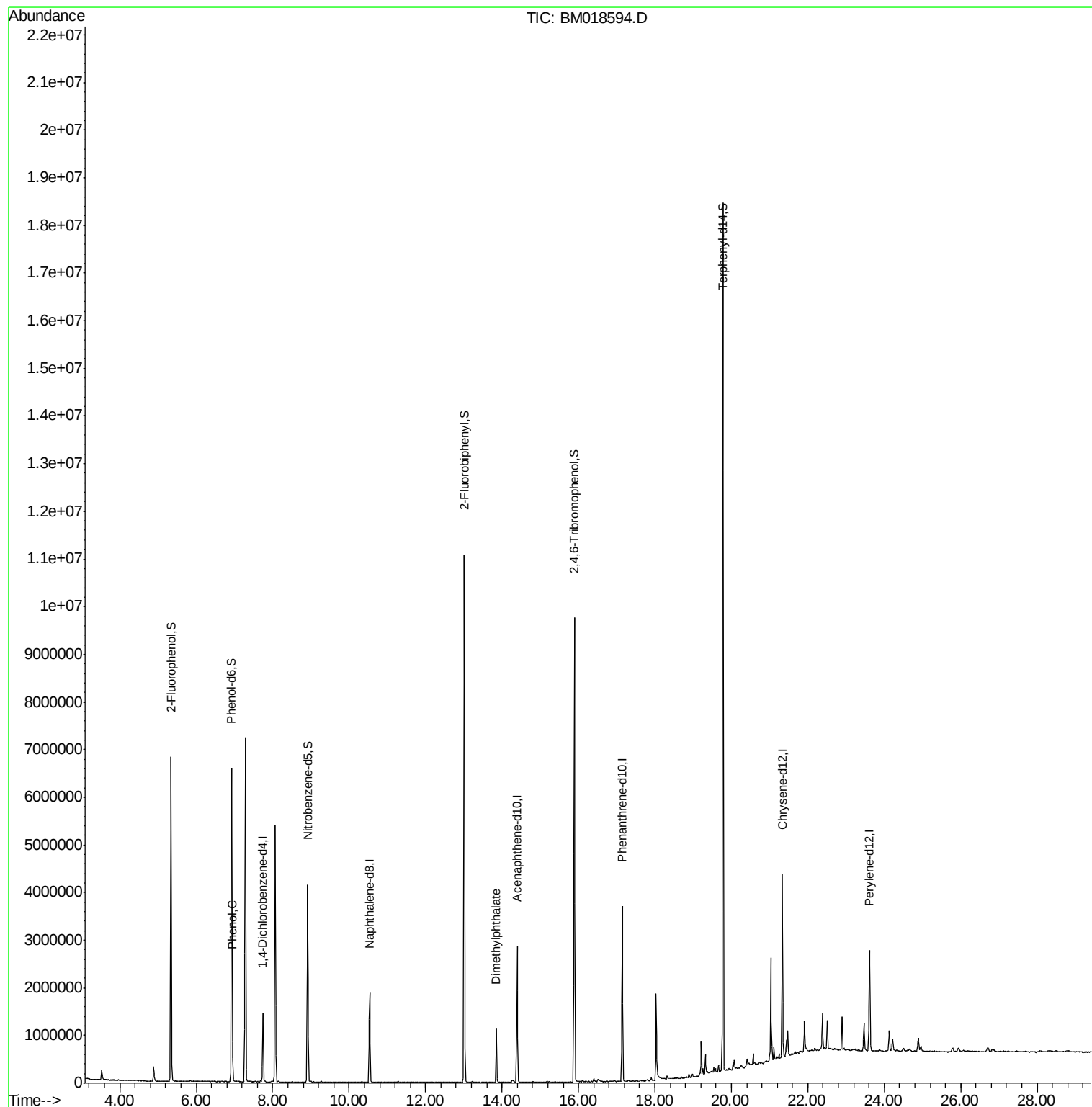
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	392288	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	1600670	20.00	ng	-0.01
39) Acenaphthene-d10	14.40	164	943817	20.00	ng	-0.01
64) Phenanthrene-d10	17.14	188	2128254	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	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
50) Dimethylphthalate	13.85	163	752518	9.708	ng	98

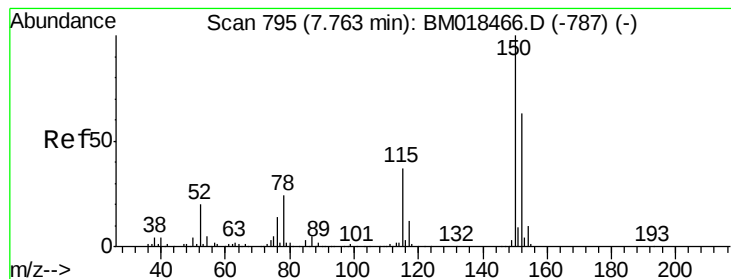
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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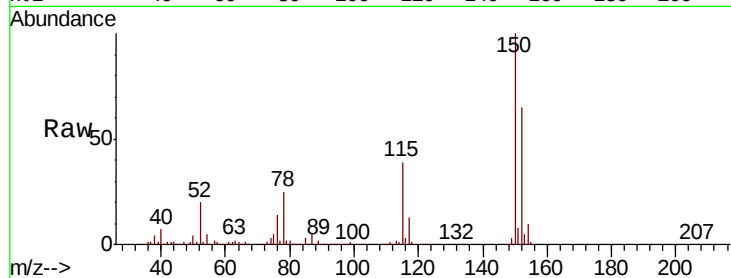


#1

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.9	190.3
115	59.4	45.5	68.3

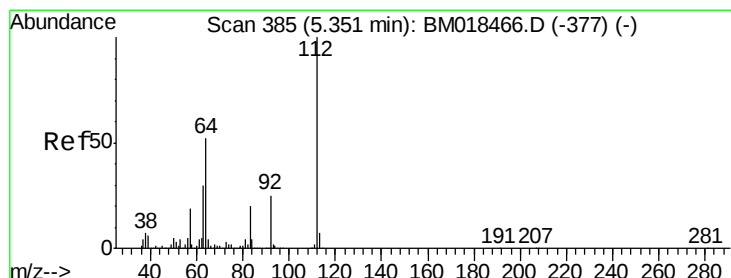
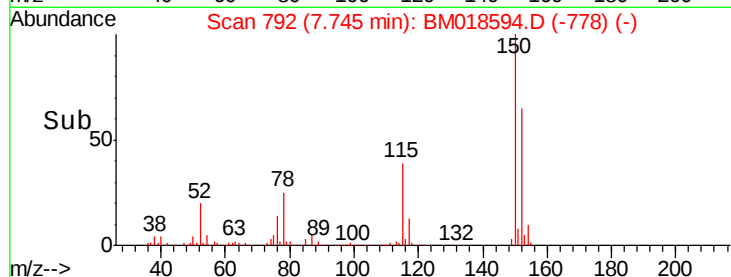
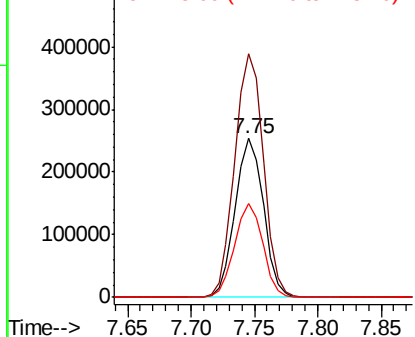


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

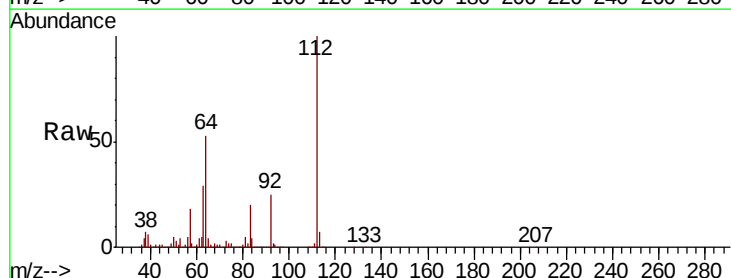
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	53.0	46.5	69.7
63	29.2	25.2	37.8

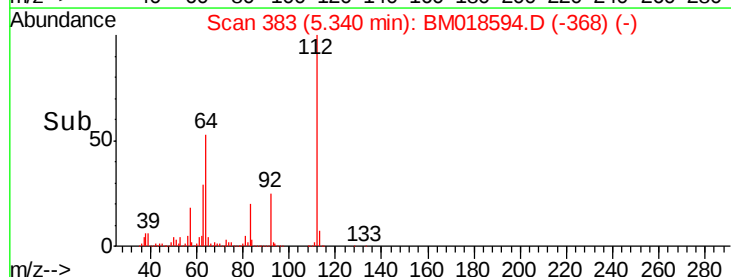
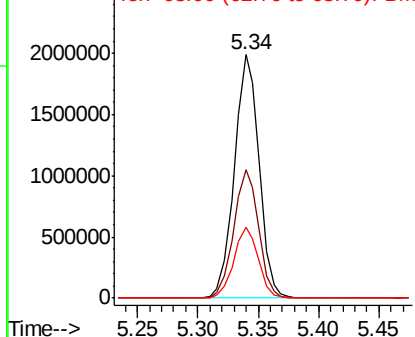


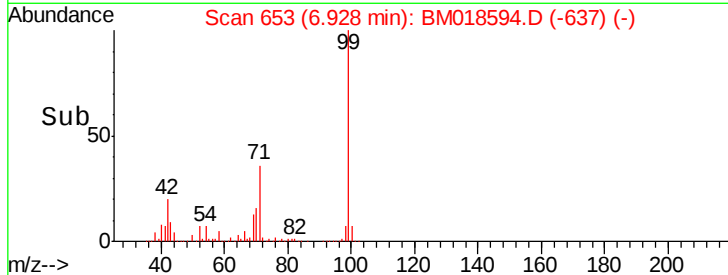
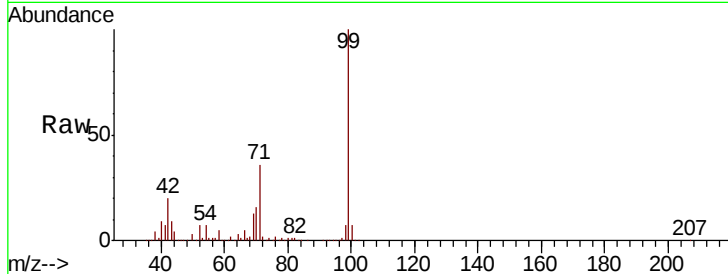
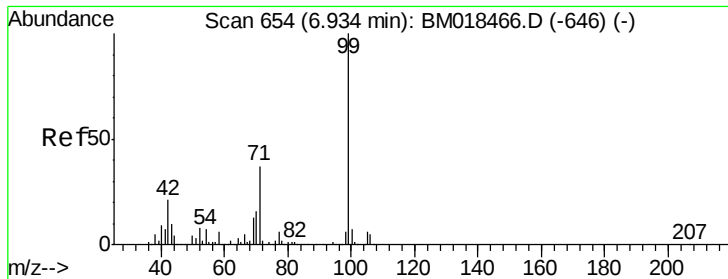
Abundance

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

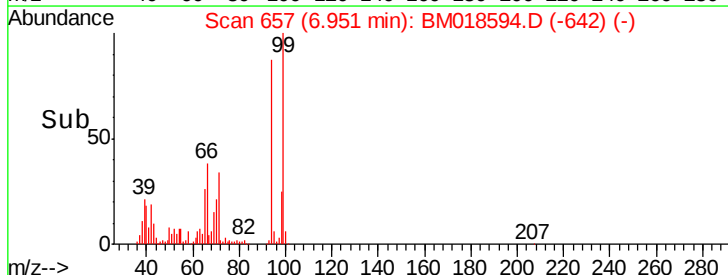
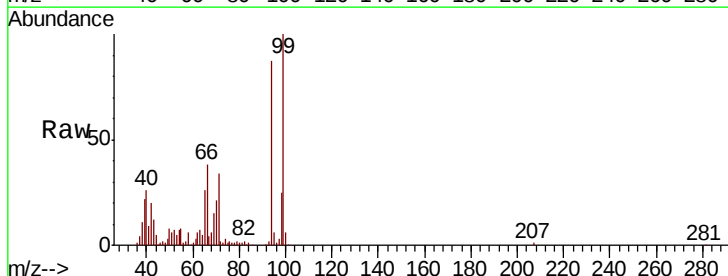
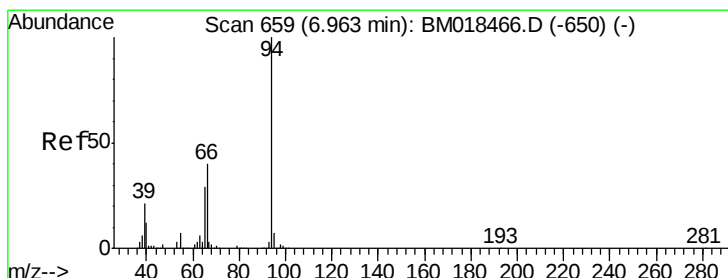
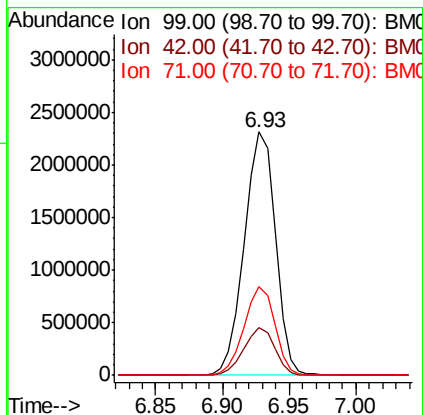
Tot Ion: 99 Resp: 3734749

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

71 36.4 28.0 42.0



#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

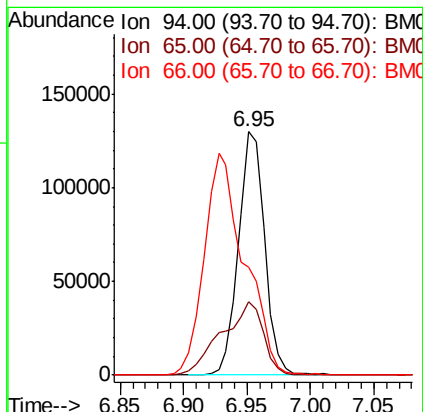
Tgt Ion: 94 Resp: 185458

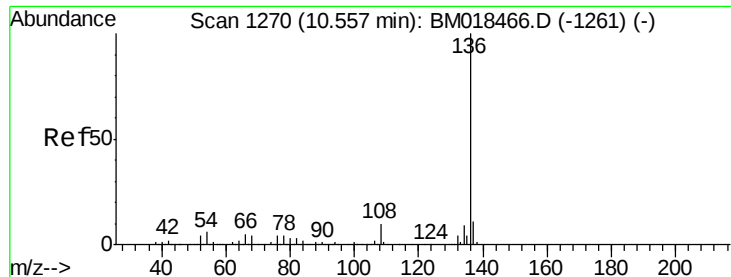
Ion Ratio Lower Upper

94 100

65 30.3 9.4 49.4

66 44.3 19.1 59.1





#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

Tot Ion:136 Resp: 1600670

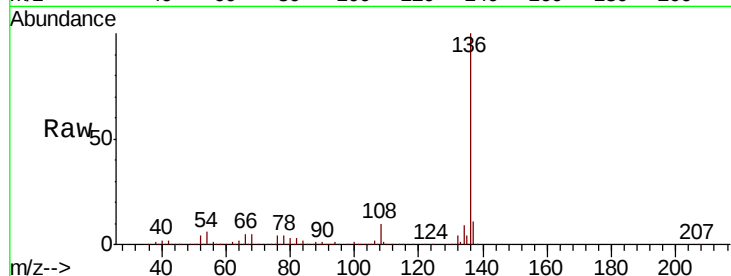
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.3 6.0 9.0

68 4.5 4.5 6.7

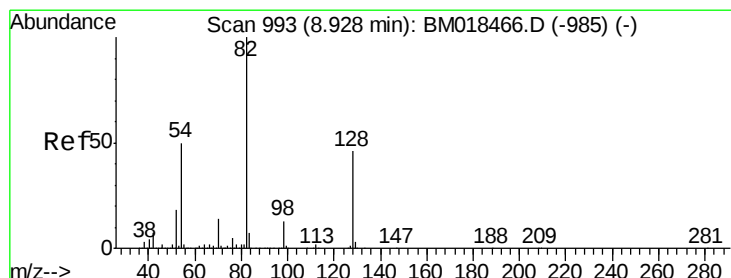
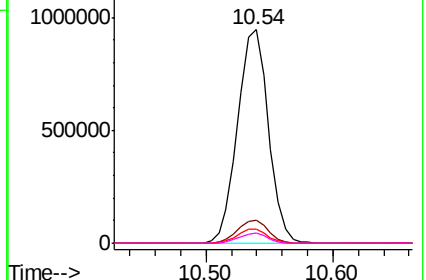
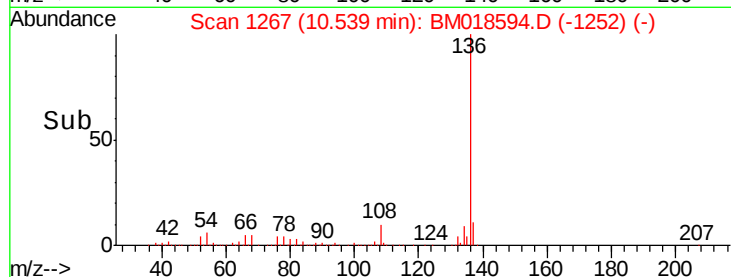


Abundance Ion 136.00 (135.70 to 136.70): E

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

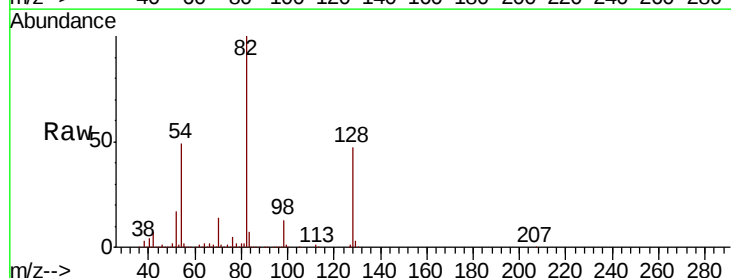
Tgt Ion: 82 Resp: 2304297

Ion Ratio Lower Upper

82 100

128 47.1 36.3 54.5

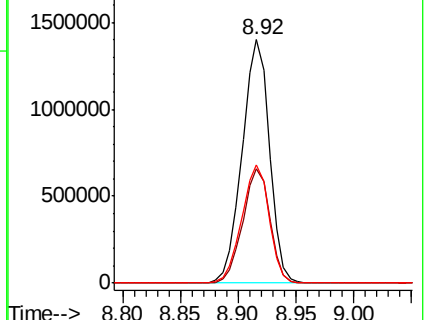
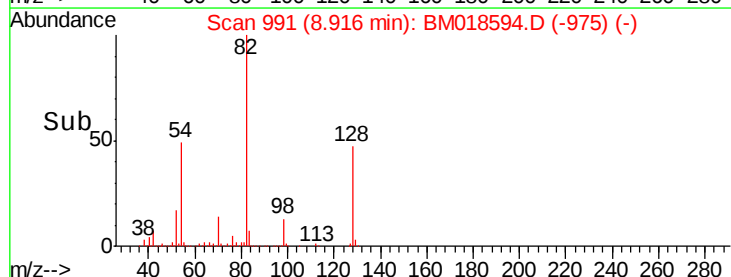
54 48.7 41.7 62.5



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

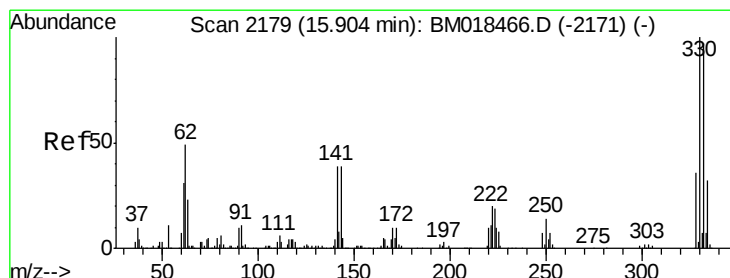
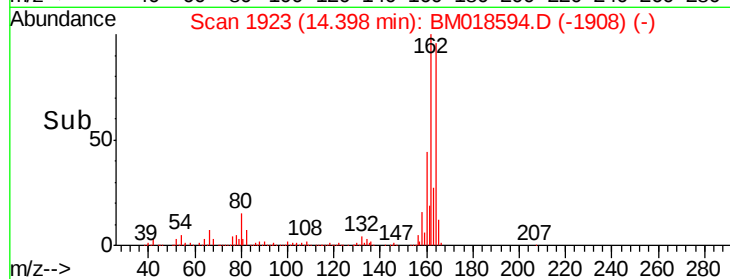
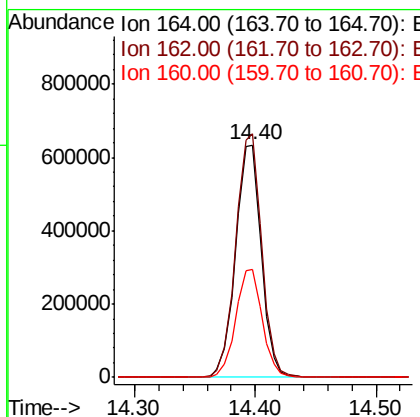
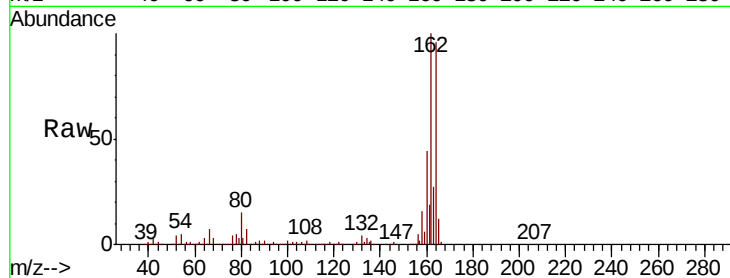




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM018594.D
Acq: 16 Jan 2019 21:38

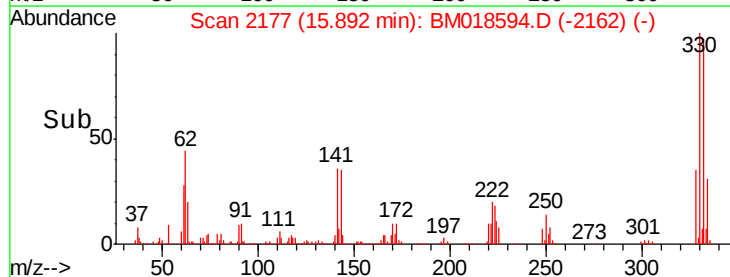
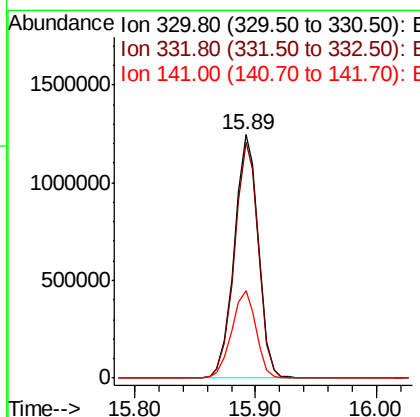
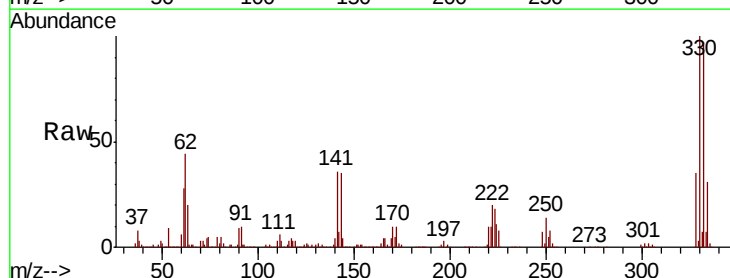
Instrument :
BNA_M
ClientSampleId :
TP-9

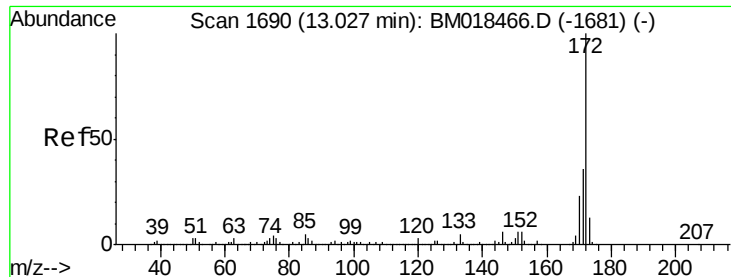
Tot Ion:164 Resp: 943817
Ion Ratio Lower Upper
164 100
162 104.6 83.0 124.4
160 46.5 37.1 55.7



#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

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

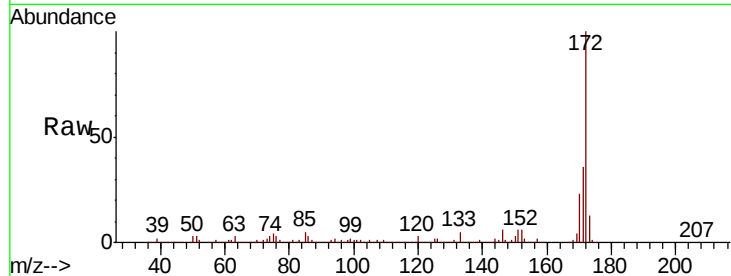




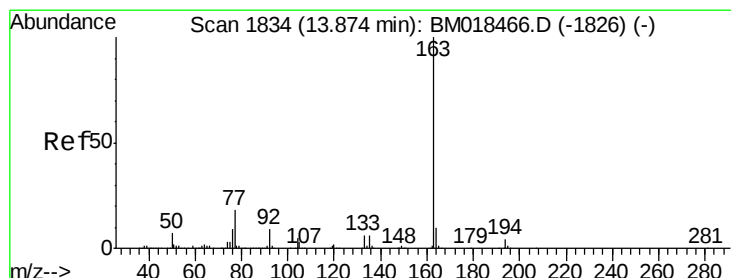
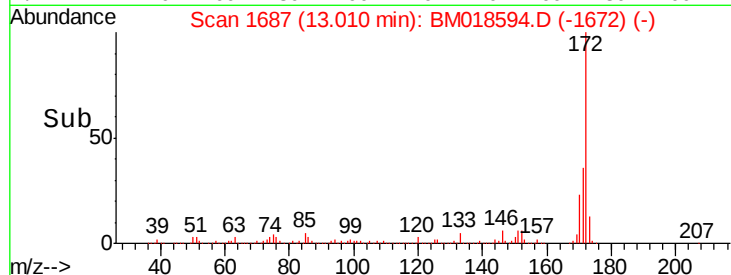
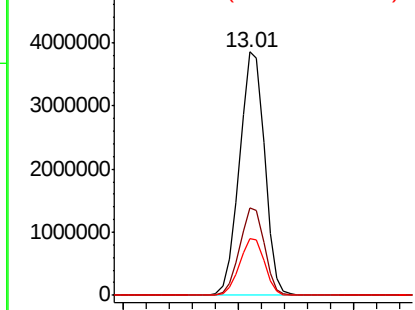
#45
2-Fluorobiphenyl
Concen: 80.600 ng
RT: 13.01 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BM018594.D
Acq: 16 Jan 2019 21:38

Instrument :
BNA_M
ClientSampled :
TP-9

Tot Ion:172 Resp: 5829863
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.4
170 23.4 18.9 28.3

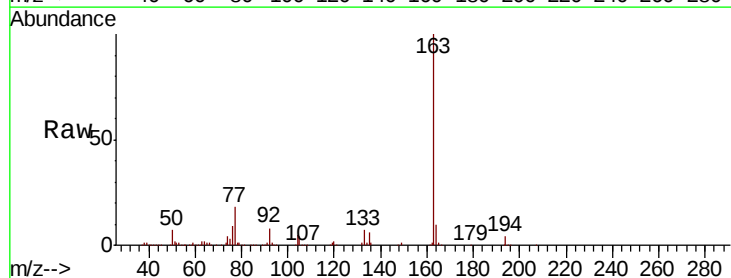


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

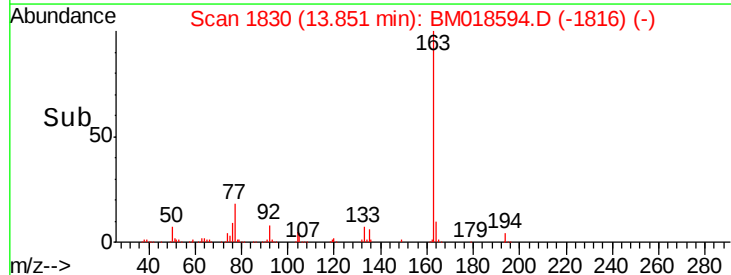
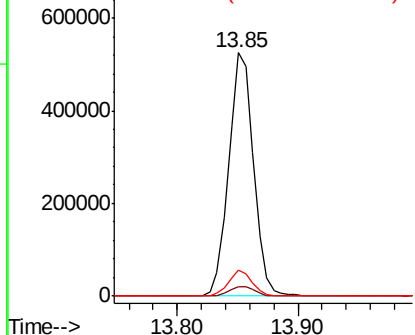


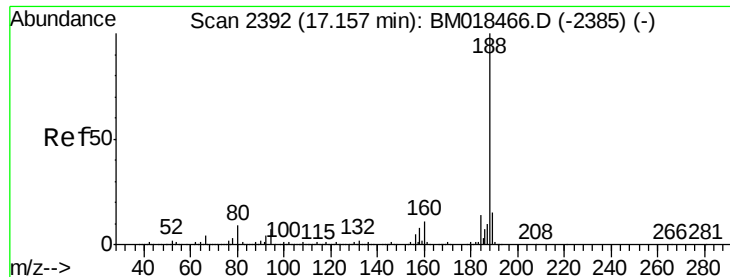
#50
Dimethylphthalate
Concen: 9.708 ng
RT: 13.85 min Scan# 1830
Delta R.T. -0.02 min
Lab File: BM018594.D
Acq: 16 Jan 2019 21:38

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

Instrument :

BNA_M

ClientSampleId :

TP-9

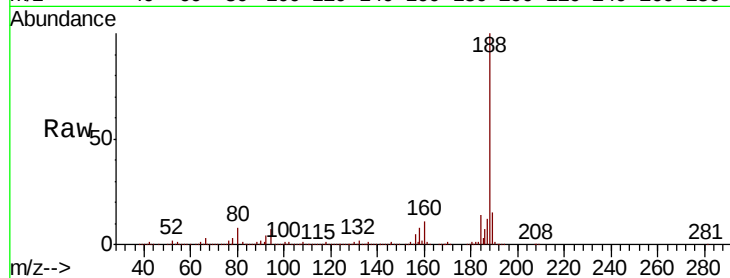
Tot Ion:188 Resp: 2128254

Ion Ratio Lower Upper

188 100

94 7.3 7.1 10.7

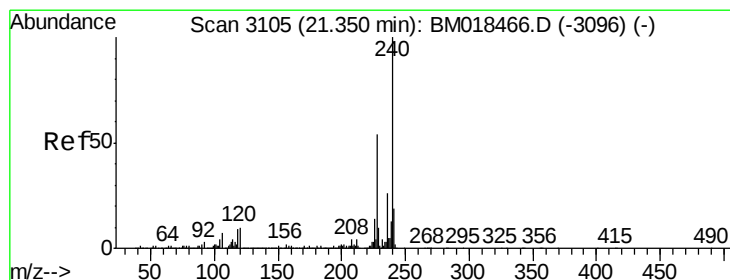
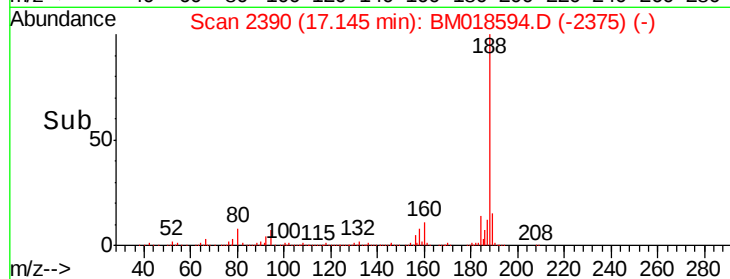
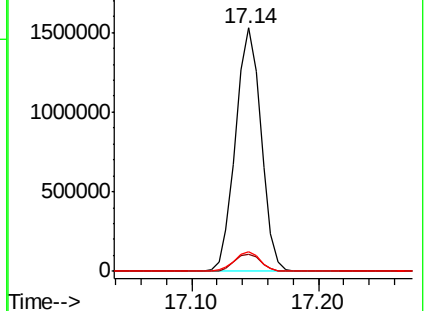
80 8.3 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#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

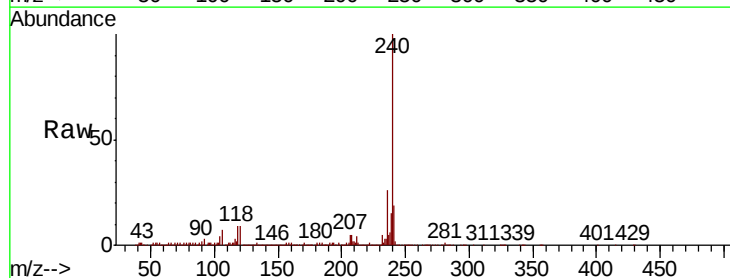
Tgt Ion:240 Resp: 1816640

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

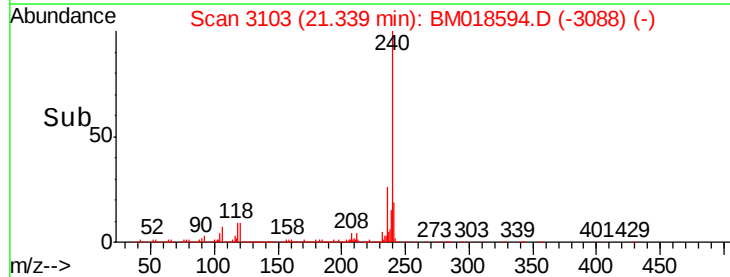
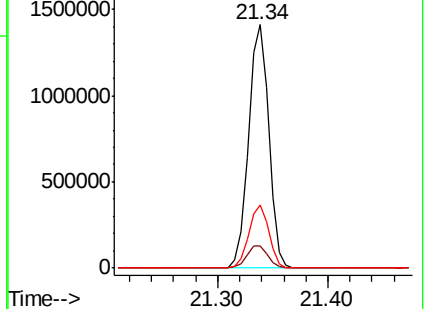
236 25.9 20.7 31.1

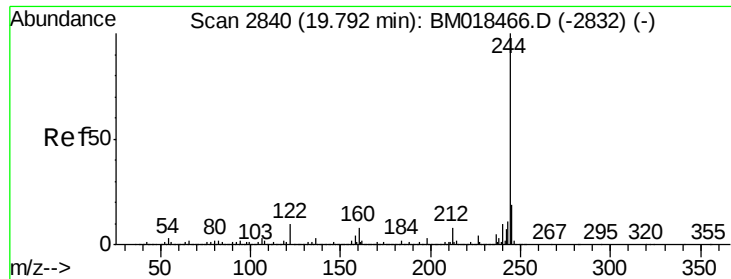


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



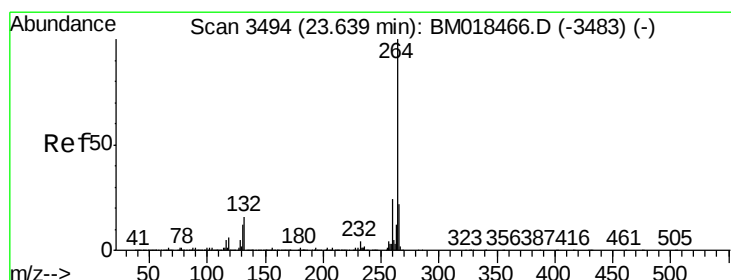
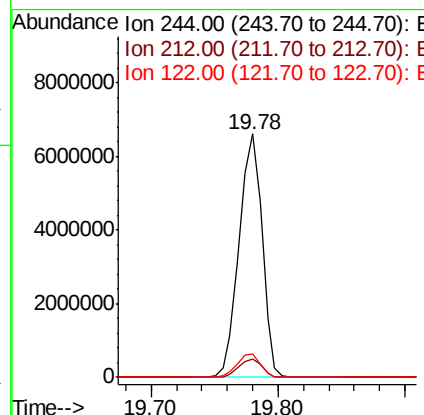
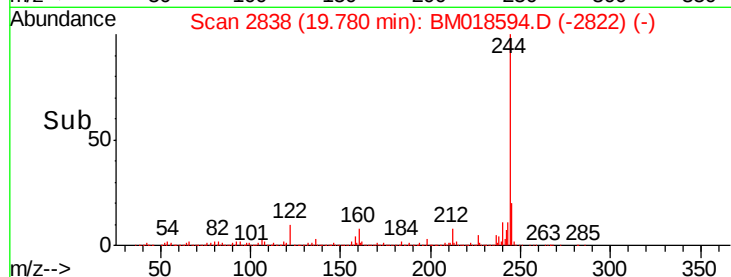
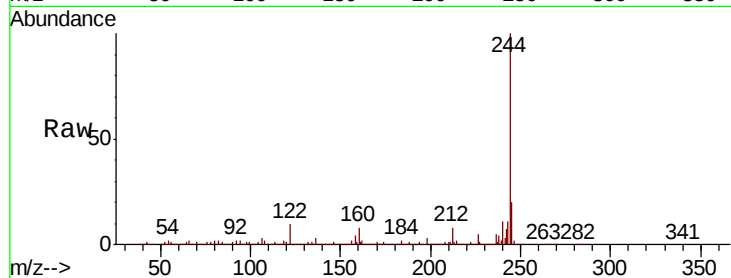


#79
 Terphenyl-d14
 Concen: 95.791 ng
 RT: 19.78 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BM018594.D
 Acq: 16 Jan 2019 21:38

Instrument :
 BNA_M
 ClientSampled :
 TP-9

Tot Ion:244 Resp: 8254981

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.7	9.0	13.4



#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

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

