

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018595.D
 Acq On : 16 Jan 2019 22:14
 Operator : JU/SJ
 Sample : K1147-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7

Quant Time: Jan 17 01:11:01 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

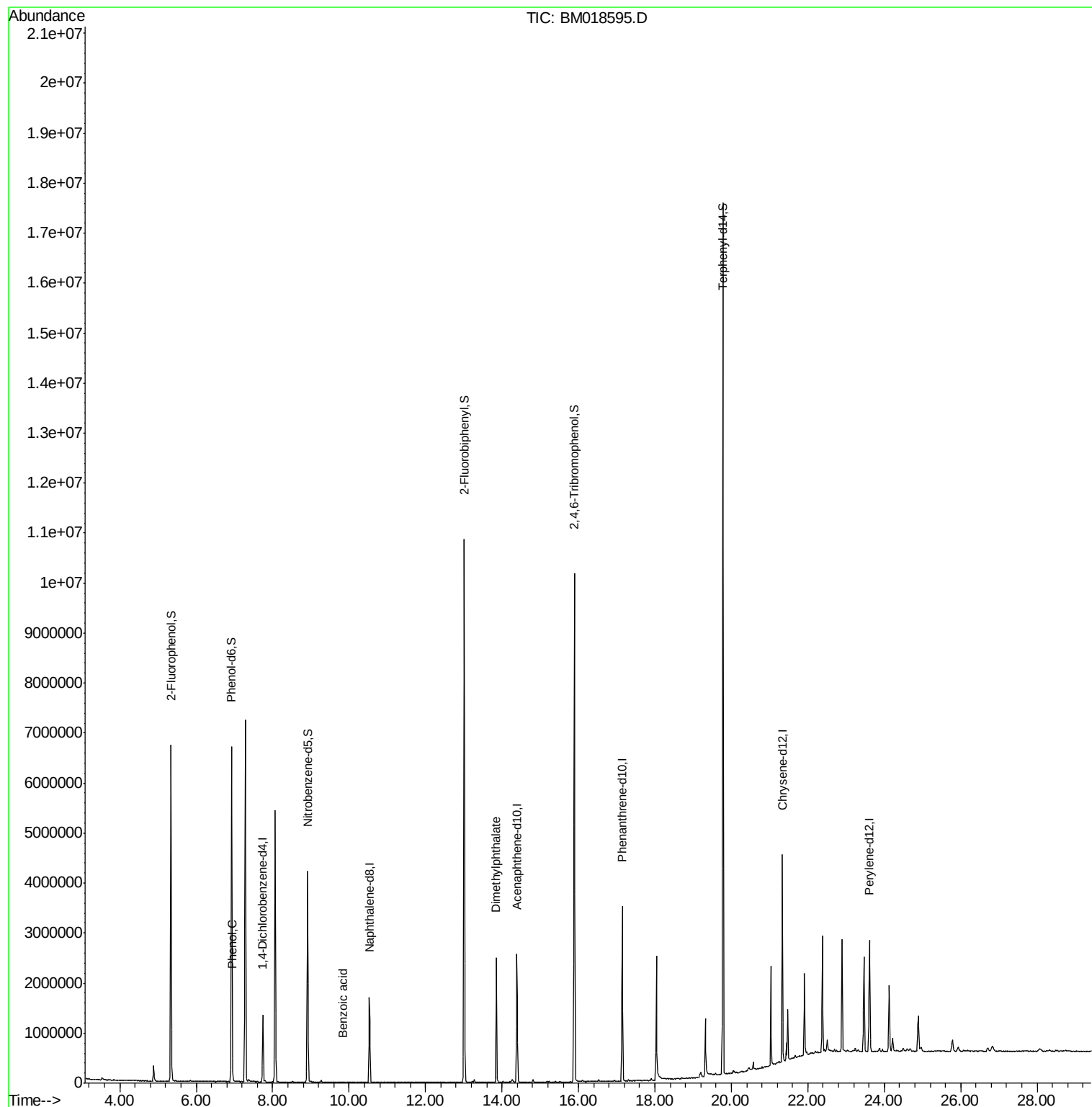
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	359256	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1471461	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	873020	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	2032181	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1934224	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1541791	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	2872066	147.62	ng	-0.01
7) Phenol-d6	6.93	99	3779359	152.94	ng	0.00
23) Nitrobenzene-d5	8.92	82	2315690	91.23	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1810472	162.87	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	5606705	83.80	ng	-0.01
79) Terphenyl-d14	19.78	244	8321847	90.70	ng	0.00
Target Compounds						
10) Phenol	6.95	94	50914	2.028	ng	Qvalue 82
32) Benzoic acid	9.84	122	118	6.510	ng	# 18
50) Dimethylphthalate	13.85	163	1648466	22.992	ng	98

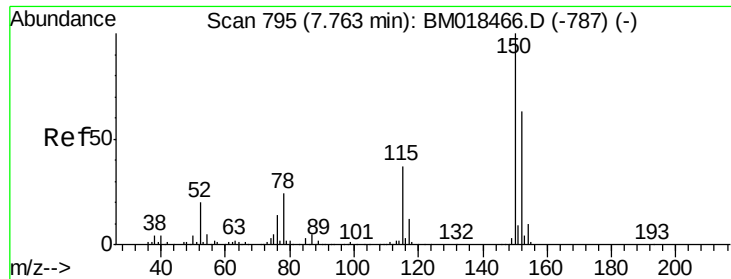
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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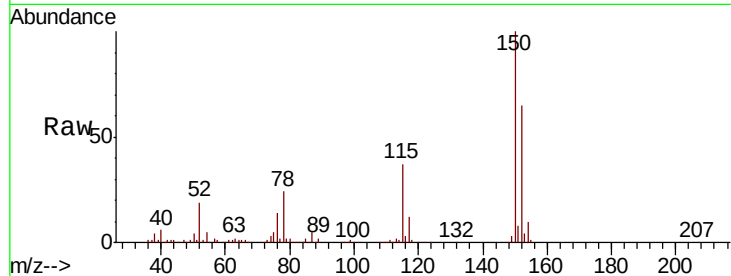


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018595.D
Acq: 16 Jan 2019 22:14

Instrument :
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ClientSampleId :
TP-7

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.9	190.3
115	57.0	45.5	68.3

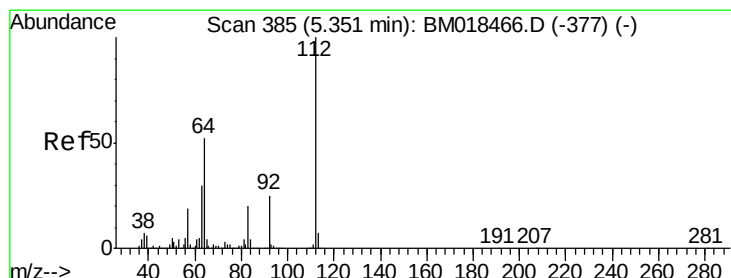
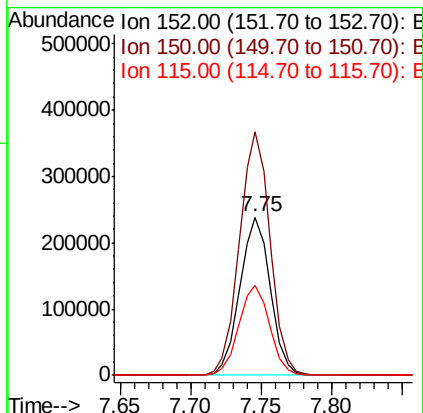
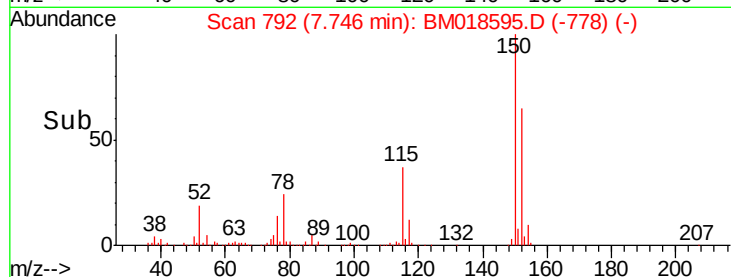


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

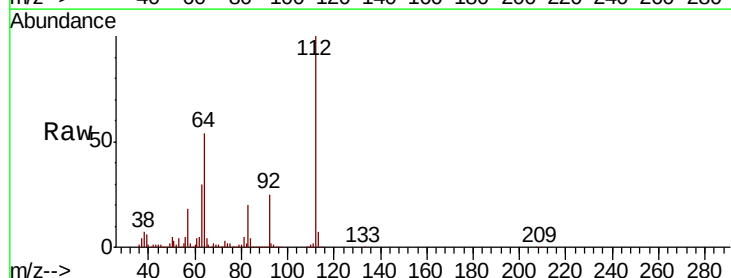
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.617 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018595.D
Acq: 16 Jan 2019 22:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.5	69.7
63	29.8	25.2	37.8

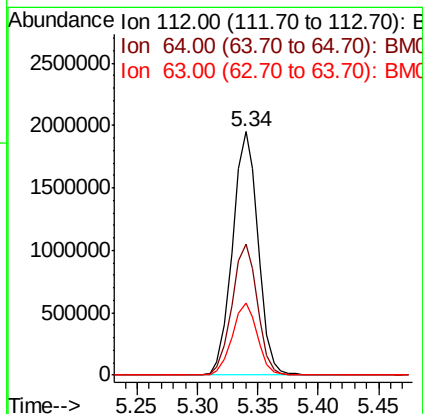
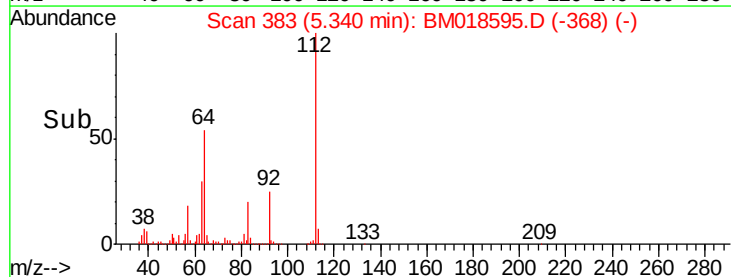


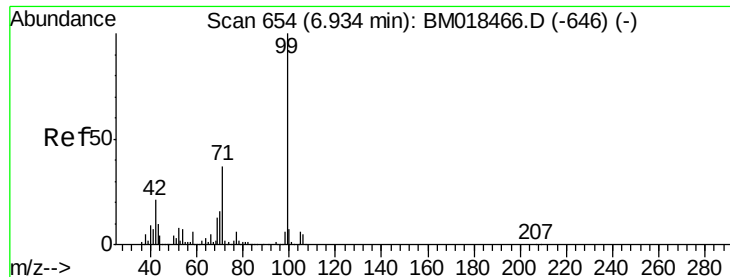
Abundance

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: 152.939 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018595.D

Acq: 16 Jan 2019 22:14

Instrument :

BNA_M

ClientSampleId :

TP-7

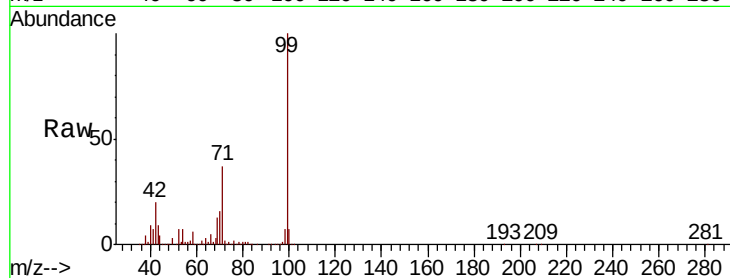
Tgt Ion: 99 Resp: 3779359

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

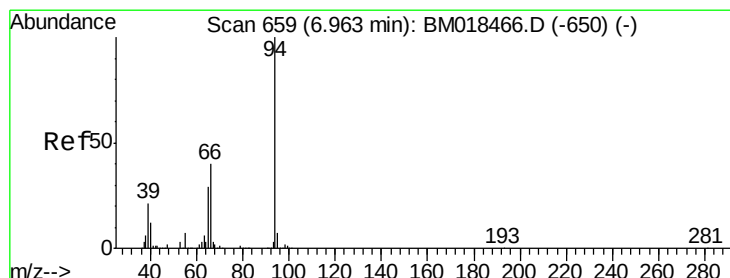
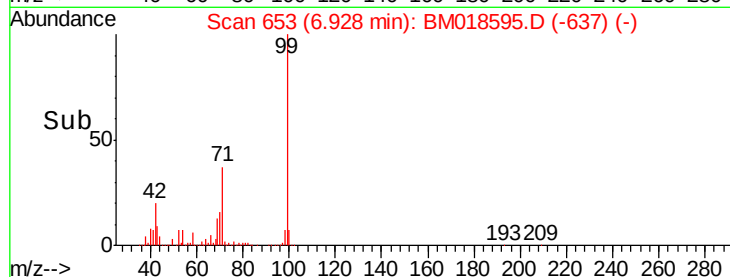
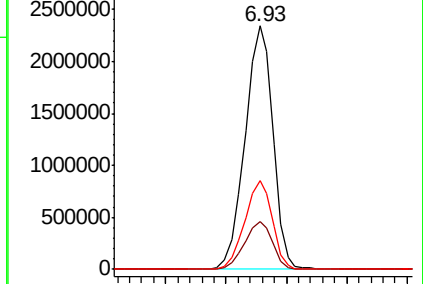
71 36.5 28.0 42.0



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: 2.028 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM018595.D

Acq: 16 Jan 2019 22:14

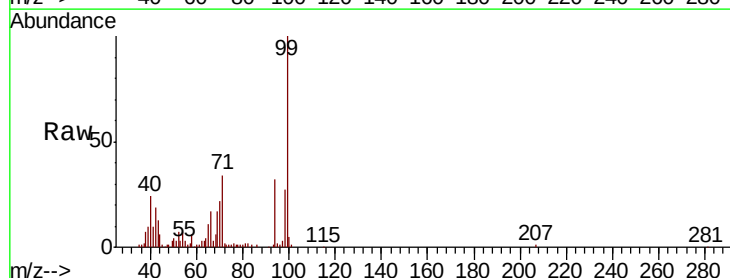
Tgt Ion: 94 Resp: 50914

Ion Ratio Lower Upper

94 100

65 33.7 9.4 49.4

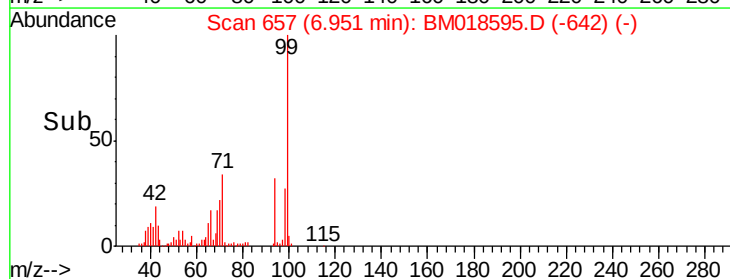
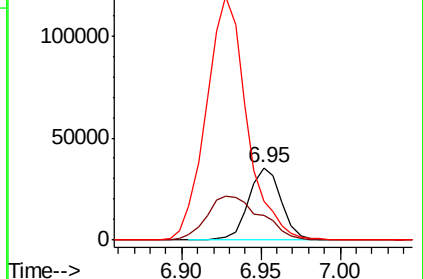
66 54.3 19.1 59.1

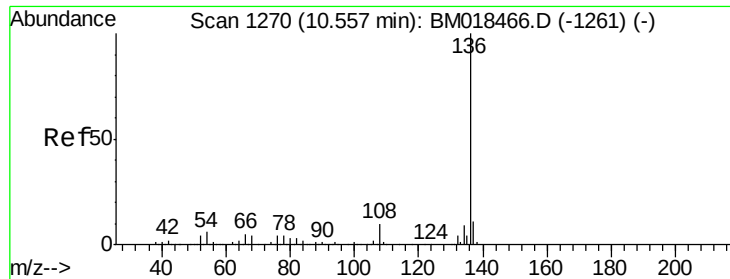


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

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

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

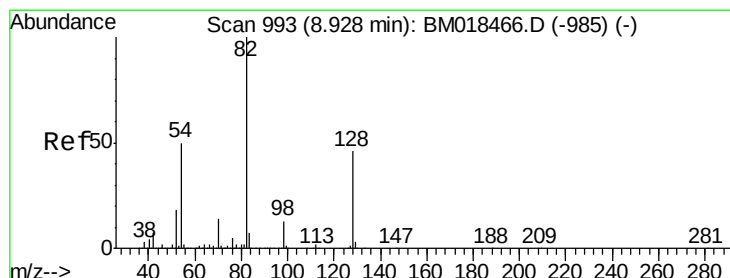
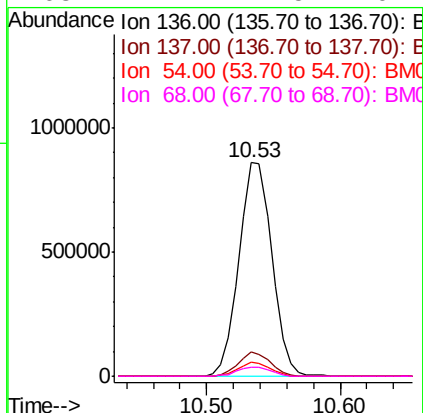
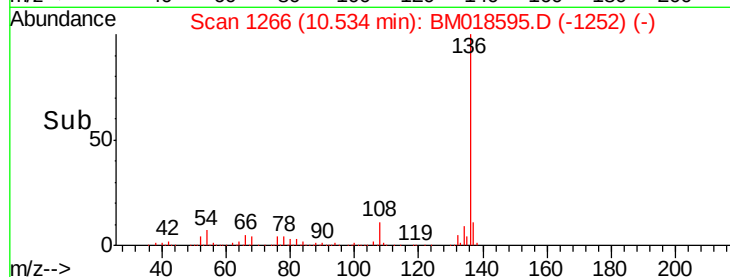
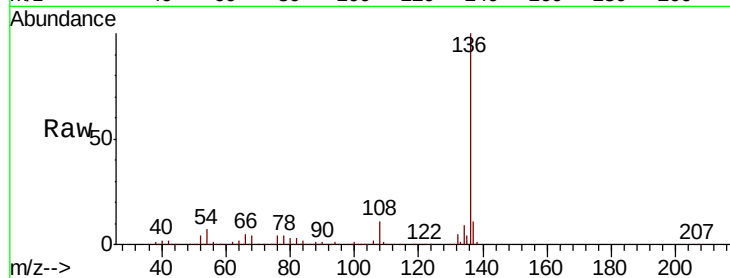




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018595.D
Acq: 16 Jan 2019 22:14

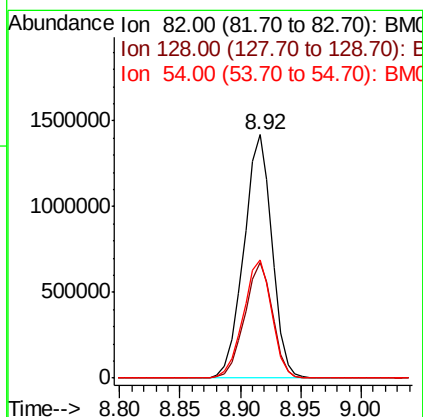
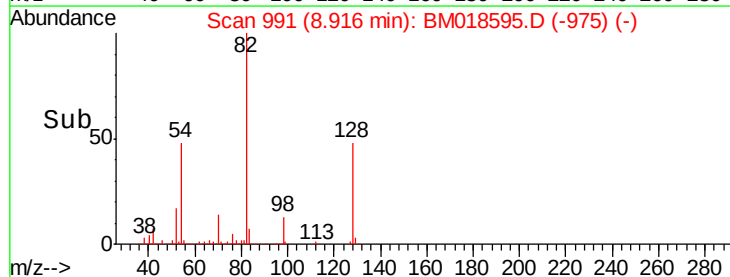
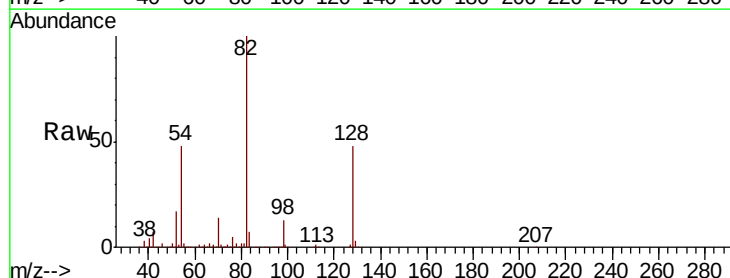
Instrument :
BNA_M
ClientSampled :
TP-7

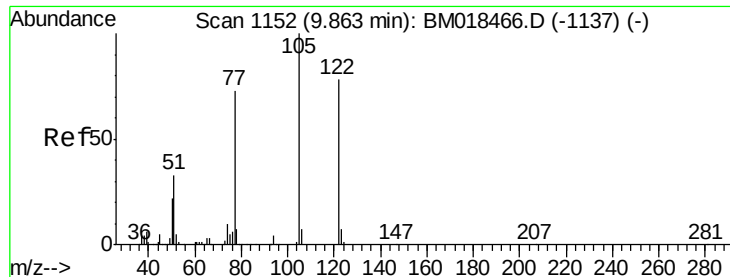
Tgt Ion:136 Resp: 1471461
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 6.6 6.0 9.0
68 4.4 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 91.231 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018595.D
Acq: 16 Jan 2019 22:14

Tgt Ion: 82 Resp: 2315690
Ion Ratio Lower Upper
82 100
128 47.7 36.3 54.5
54 48.5 41.7 62.5





#32

Benzoic acid

Concen: 6.510 ng

RT: 9.84 min Scan# 1148

Delta R.T. -0.06 min

Lab File: BM018595.D

Acq: 16 Jan 2019 22:14

Instrument :

BNA_M

ClientSampleId :

TP-7

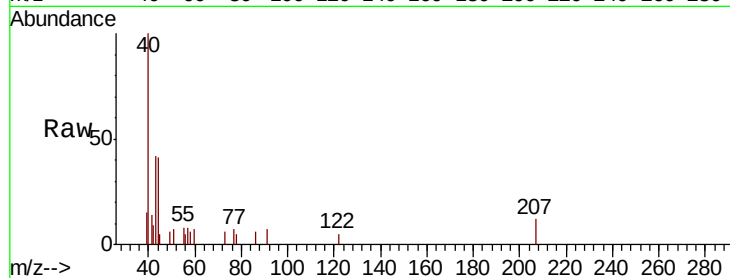
Tgt Ion:122 Resp: 118

Ion Ratio Lower Upper

122 100

105 0.0 100.4 140.4#

77 136.9 71.7 111.7#

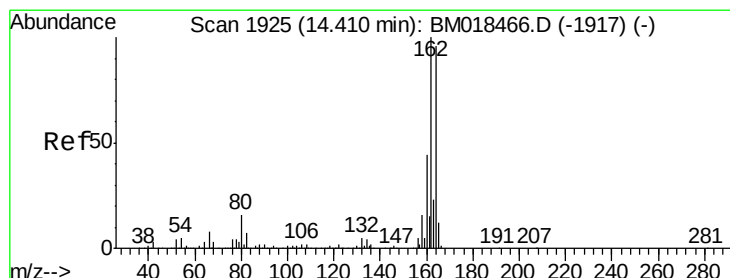
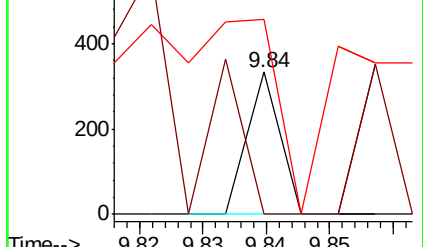
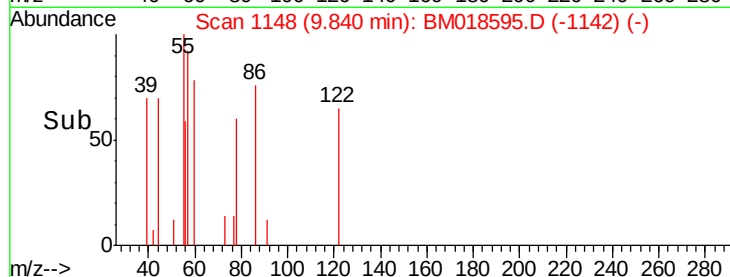


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Time--> 9.82 9.83 9.84 9.85



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BM018595.D

Acq: 16 Jan 2019 22:14

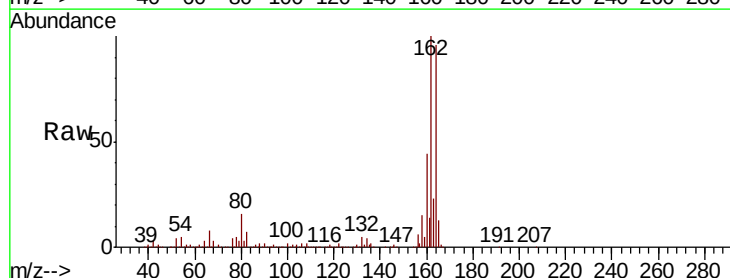
Tgt Ion:164 Resp: 873020

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.4

160 46.4 37.1 55.7

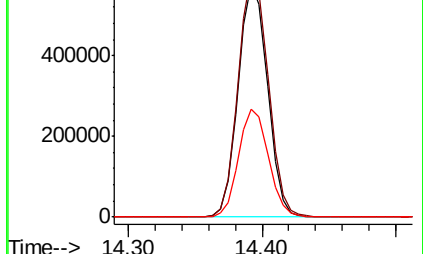
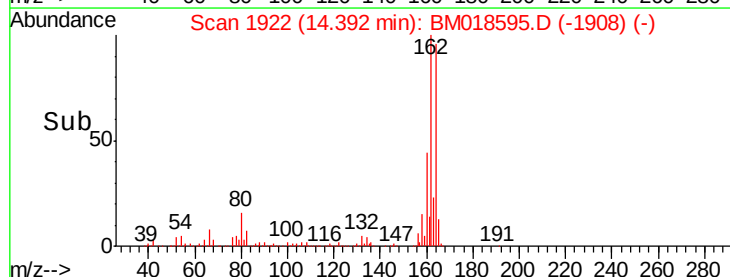


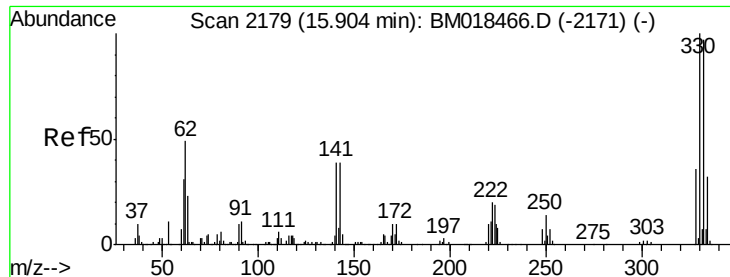
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time--> 14.30 14.40

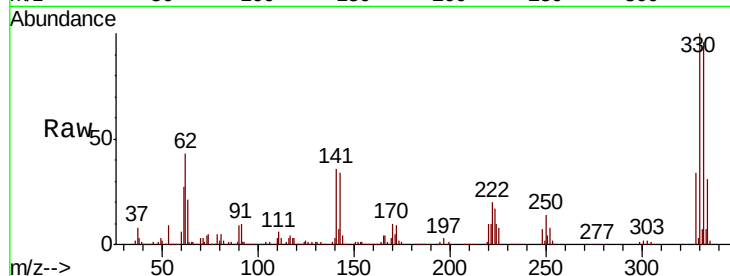




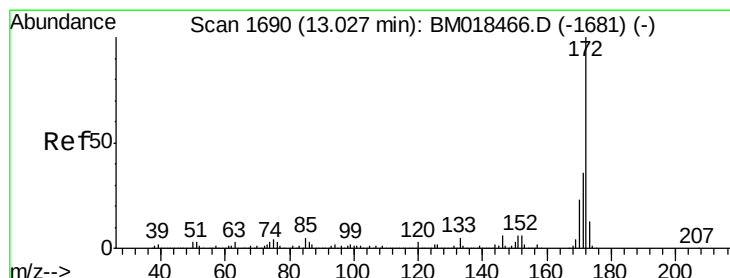
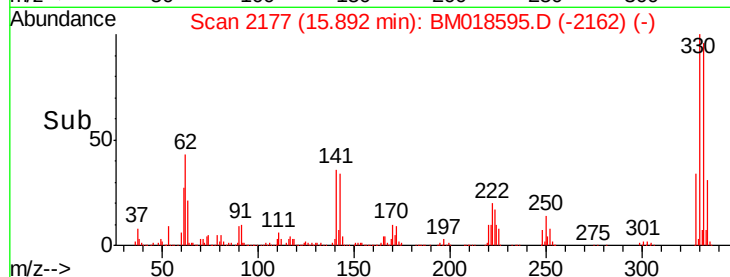
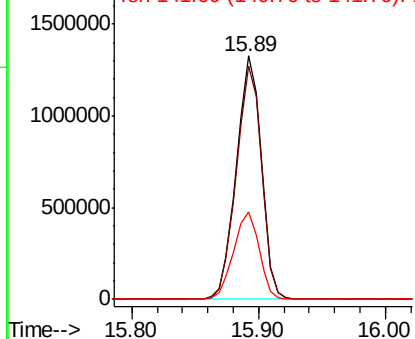
#42
 2,4,6-Tribromophenol
 Concen: 162.871 ng
 RT: 15.89 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BM018595.D
 Acq: 16 Jan 2019 22:14

Instrument :
 BNA_M
 ClientSampleId :
 TP-7

Tgt Ion:330 Resp: 1810472
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.6 116.4
 141 36.7 31.7 47.5

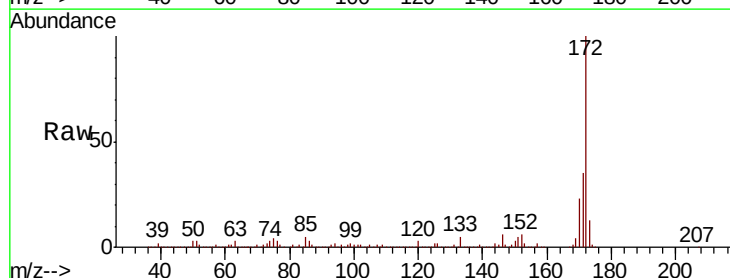


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

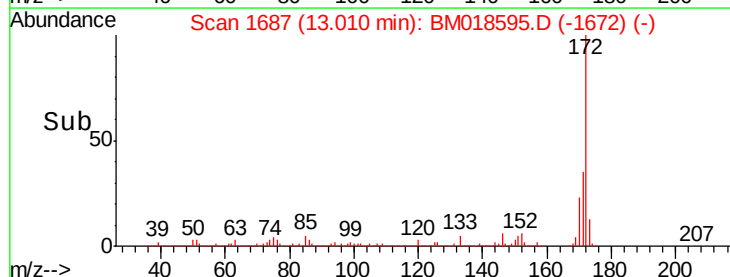
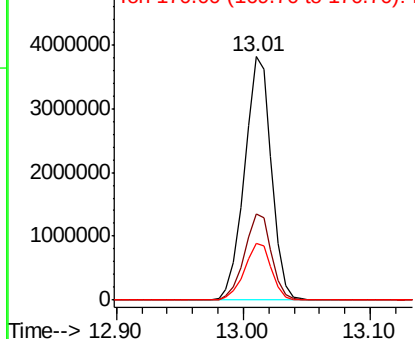


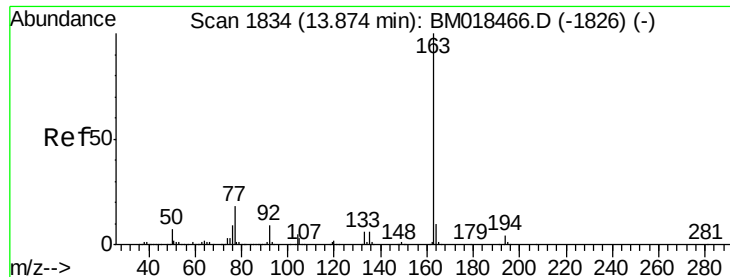
#45
 2-Fluorobiphenyl
 Concen: 83.801 ng
 RT: 13.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM018595.D
 Acq: 16 Jan 2019 22:14

Tgt Ion:172 Resp: 5606705
 Ion Ratio Lower Upper
 172 100
 171 35.2 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: 22.992 ng

RT: 13.85 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BM018595.D

Acq: 16 Jan 2019 22:14

Instrument :

BNA_M

ClientSampleId :

TP-7

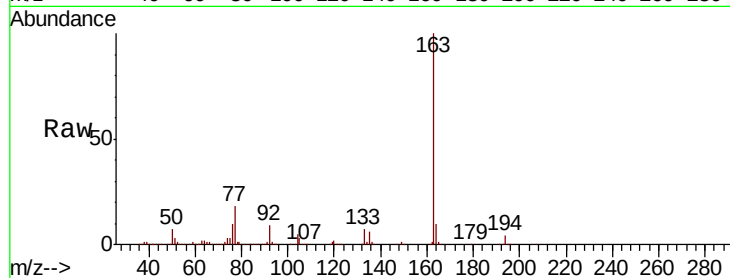
Tgt Ion:163 Resp: 1648466

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.5 7.8 11.8

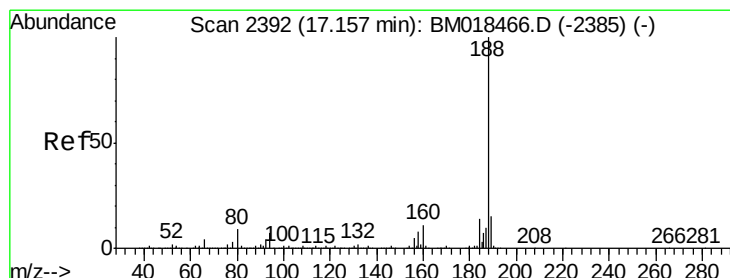
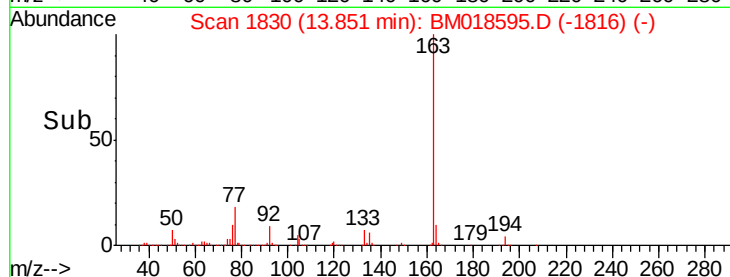
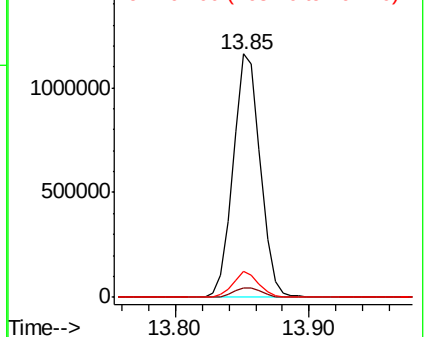


Abundance

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: BM018595.D

Acq: 16 Jan 2019 22:14

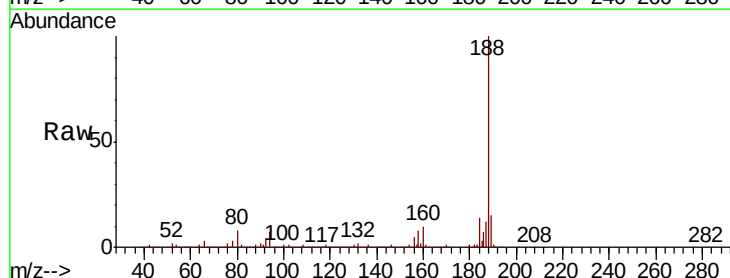
Tgt Ion:188 Resp: 2032181

Ion Ratio Lower Upper

188 100

94 7.2 7.1 10.7

80 7.8 7.6 11.4

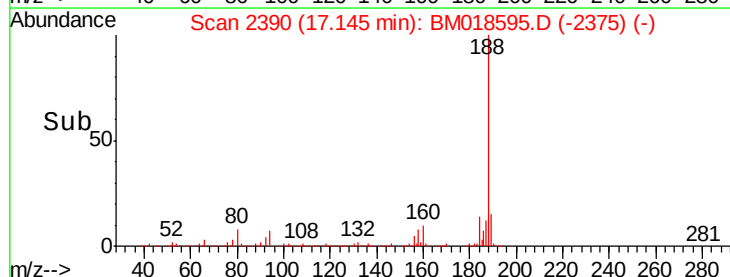
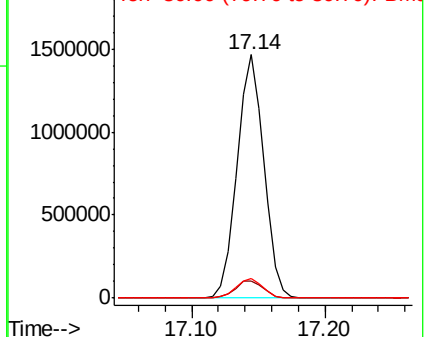


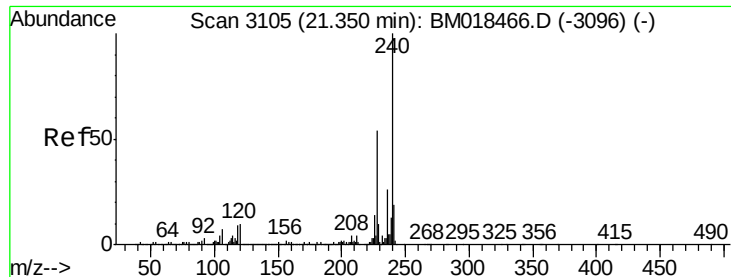
Abundance

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

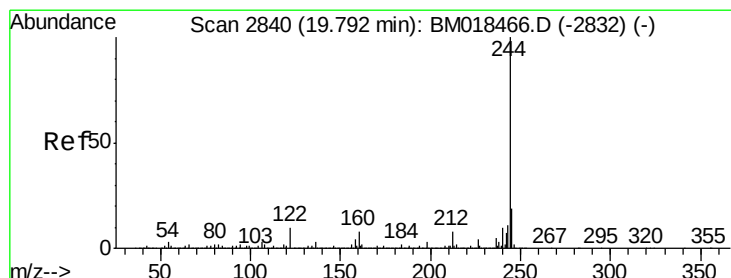
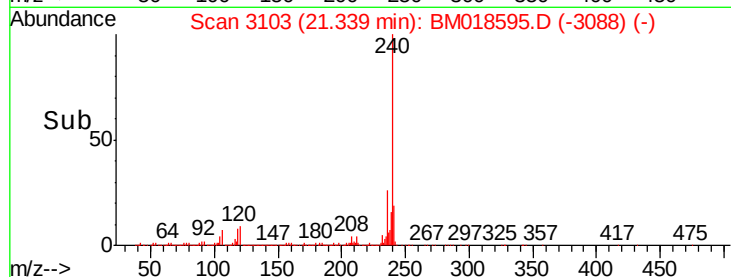
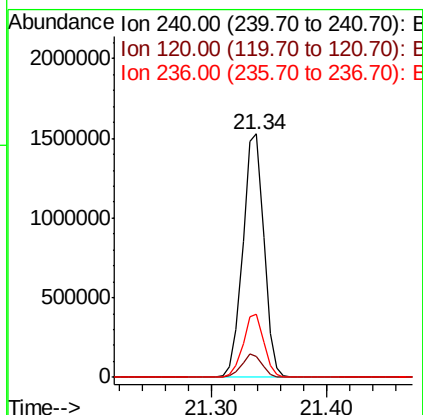
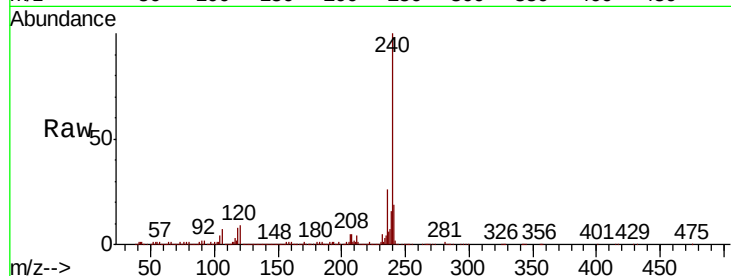




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018595.D
Acq: 16 Jan 2019 22:14

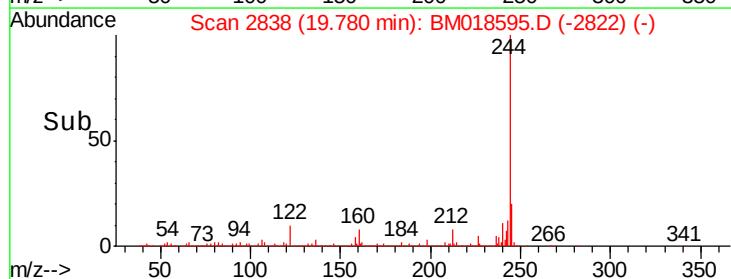
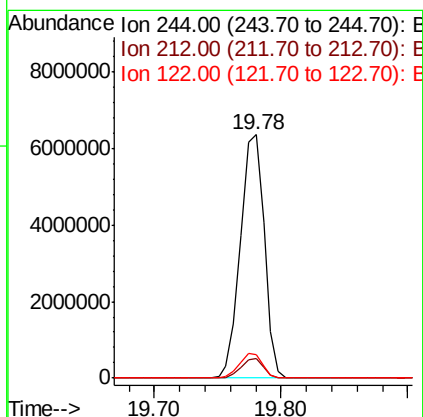
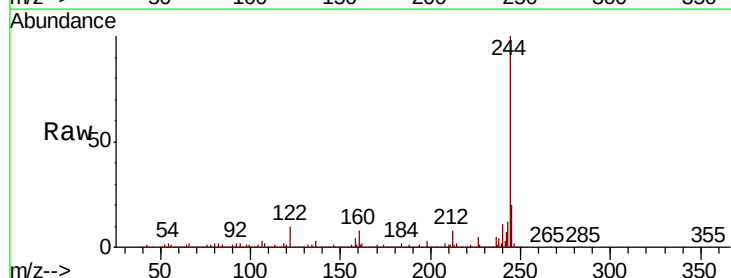
Instrument :
BNA_M
ClientSampleId :
TP-7

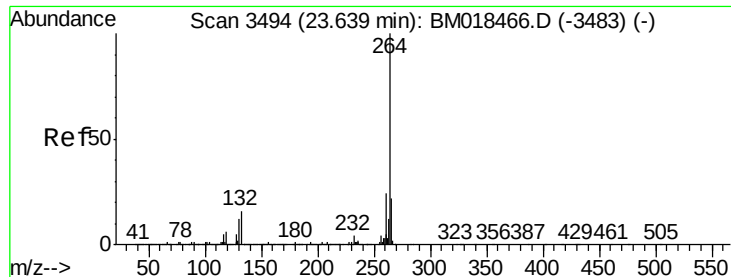
Tgt Ion:240 Resp: 1934224
Ion Ratio Lower Upper
240 100
120 8.6 8.4 12.6
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 90.697 ng
RT: 19.78 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BM018595.D
Acq: 16 Jan 2019 22:14

Tgt Ion:244 Resp: 8321847
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: 23.62 min Scan# 3490
Delta R.T. -0.02 min
Lab File: BM018595.D
Acq: 16 Jan 2019 22:14

Instrument :
BNA_M
ClientSampleId :
TP-7

Tgt Ion: 264 Resp: 1541791

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.2	16.8	25.2

