

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018745.D
 Acq On : 07 Feb 2019 19:41
 Operator : JU/SJ
 Sample : K1390-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-04(13-14)

Quant Time: Feb 08 12:14:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

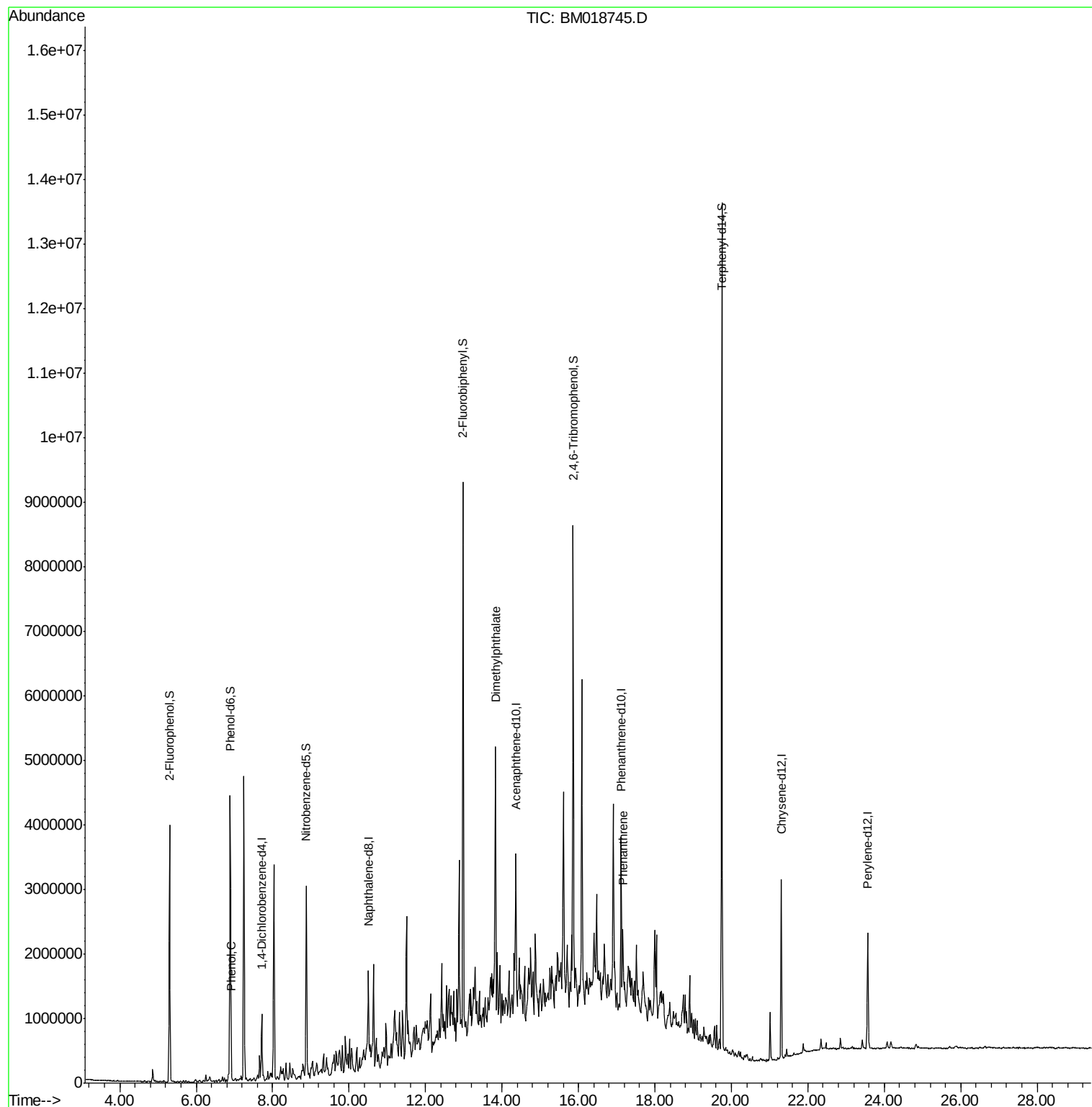
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	284614	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1146736	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	647303	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1395477	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1294204	20.00	ng	0.00
87) Perylene-d12	23.57	264	1228829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1655805	107.42	ng	0.00
7) Phenol-d6	6.89	99	2537173	129.60	ng	0.00
23) Nitrobenzene-d5	8.88	82	1561697	78.95	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1274094	154.59	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4335700	87.40	ng	0.00
79) Terphenyl-d14	19.75	244	6158818	100.32	ng	0.00
Target Compounds						
10) Phenol	6.92	94	145830	7.330	ng	97
50) Dimethylphthalate	13.83	163	308679	5.806	ng	98
71) Phenanthrene	17.16	178	576763	7.770	ng	# 96

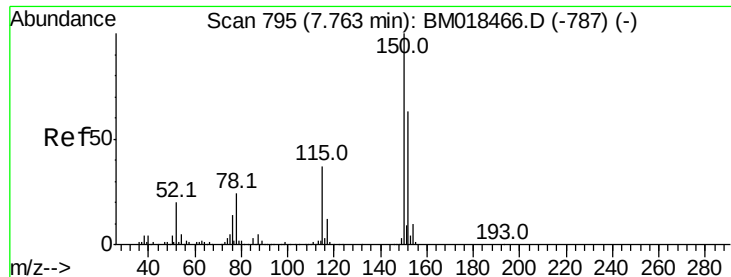
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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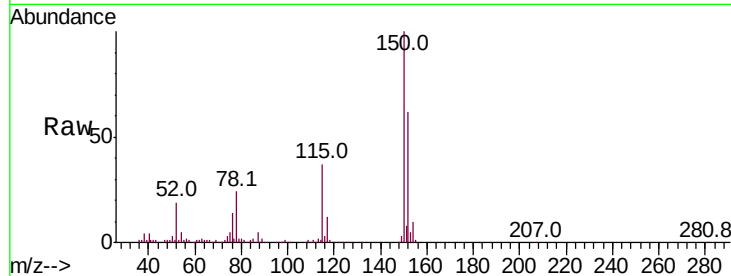


#1

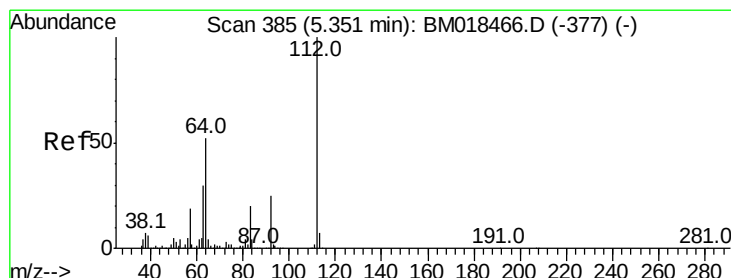
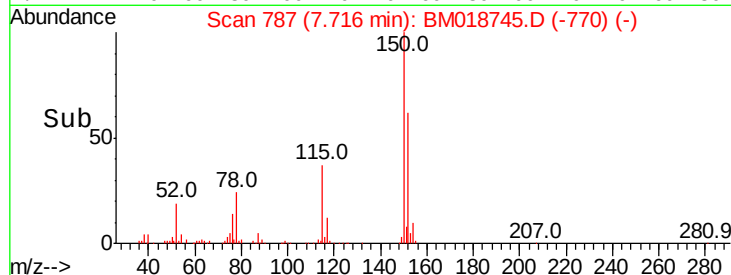
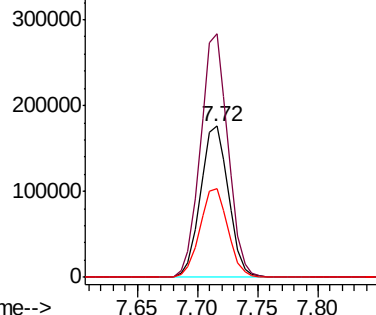
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Instrument :
BNA_M
ClientSampleId :
SB-04(13-14)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.9	190.3
115	59.1	45.5	68.3



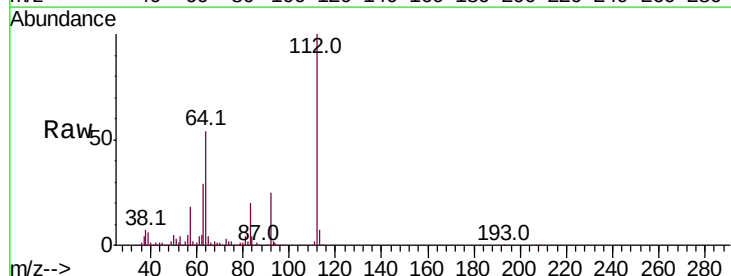
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



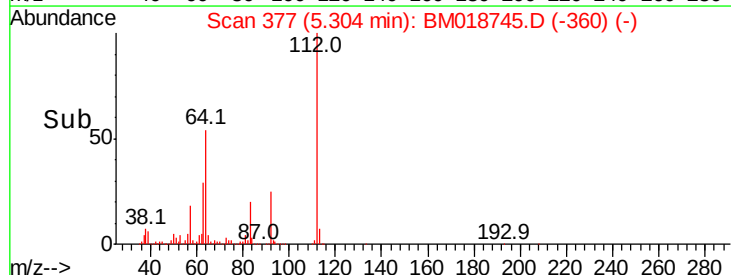
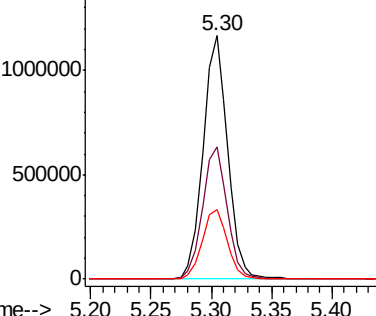
#5

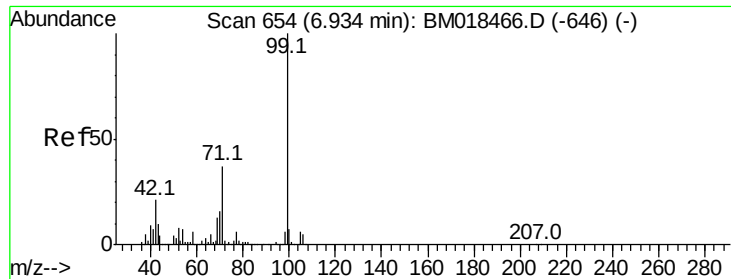
2-Fluorophenol
Concen: 107.424 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.5	69.7
63	28.6	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: 129.598 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

Instrument :

BNA_M

ClientSampleId :

SB-04(13-14)

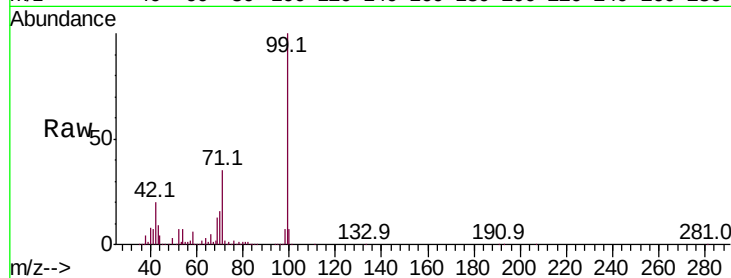
Tot Ion: 99 Resp: 2537173

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

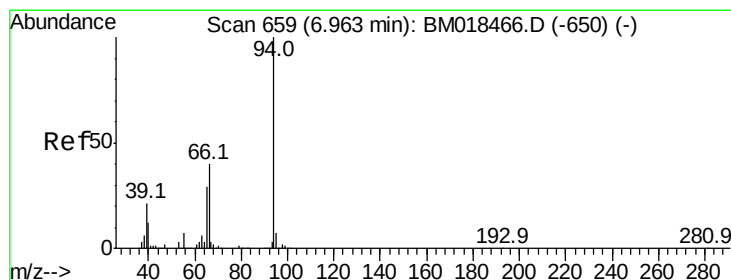
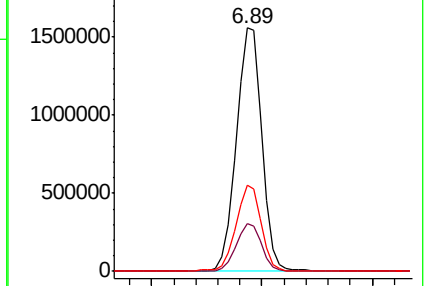
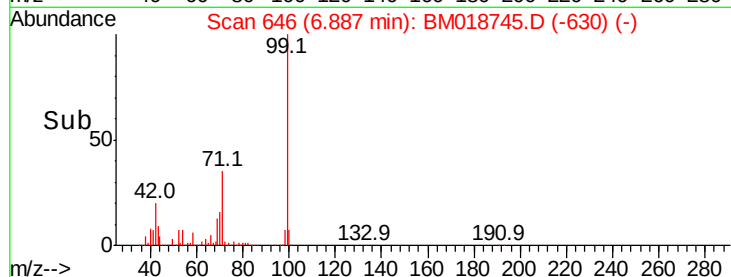
71 35.2 28.0 42.0



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: 7.330 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

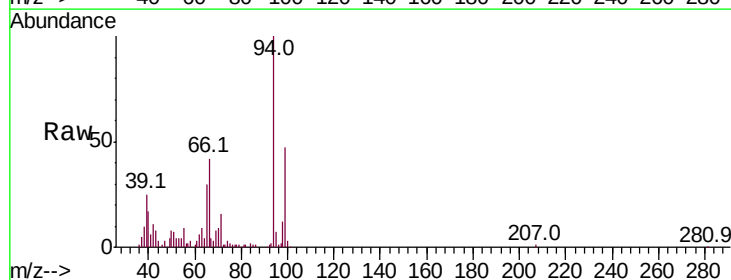
Tgt Ion: 94 Resp: 145830

Ion Ratio Lower Upper

94 100

65 29.7 9.4 49.4

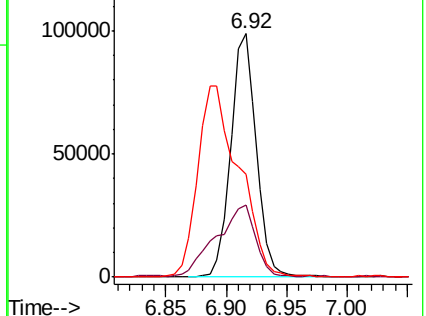
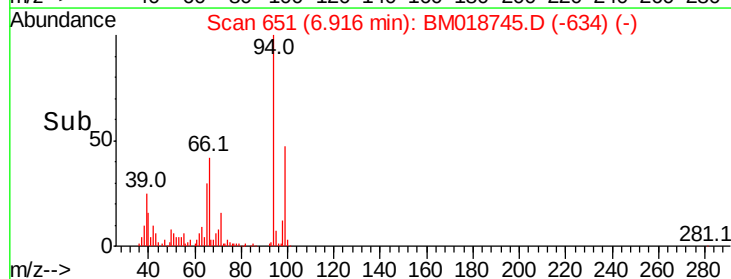
66 42.1 19.1 59.1

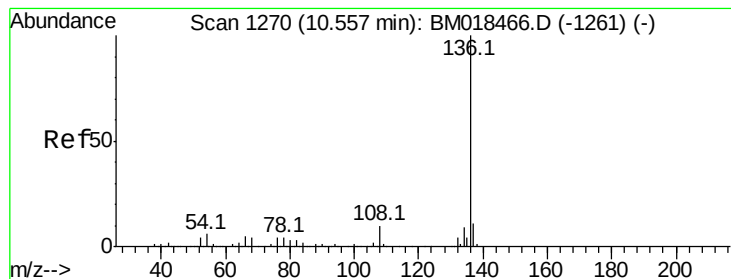


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

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: 10.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

Instrument :

BNA_M

ClientSampleId :

SB-04(13-14)

Tot Ion:136 Resp: 1146736

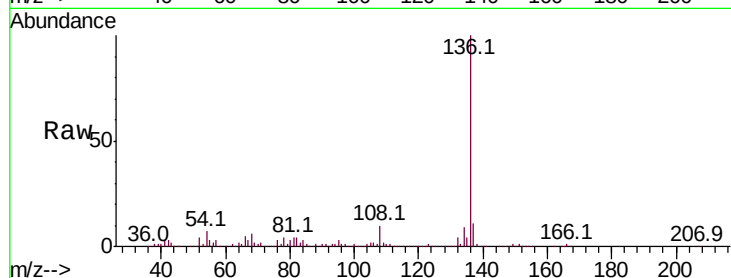
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 6.0 9.0

68 5.6 4.5 6.7

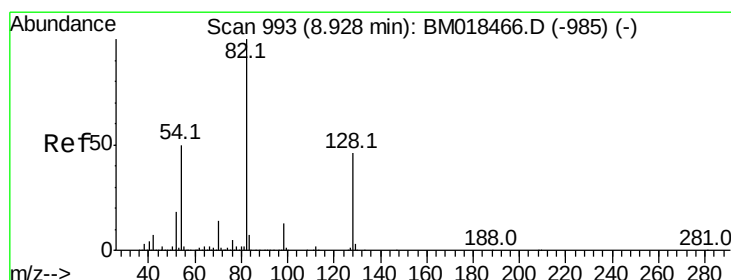
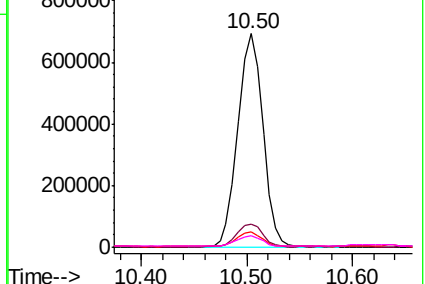
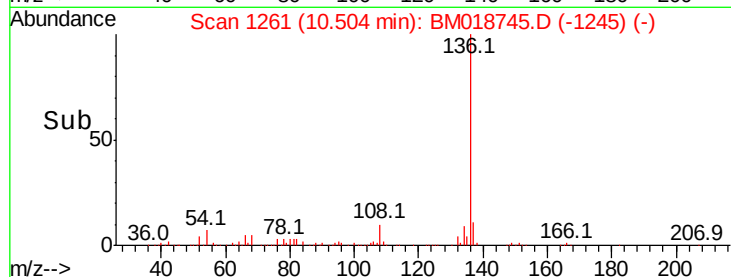


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.948 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

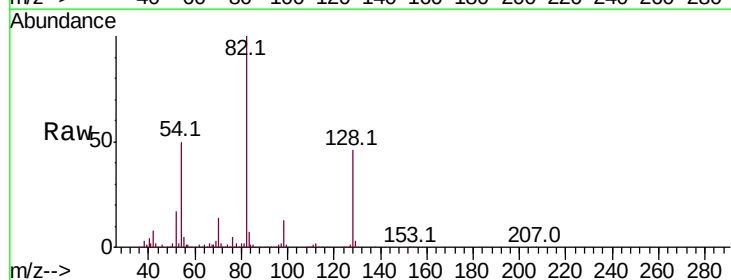
Tgt Ion: 82 Resp: 1561697

Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

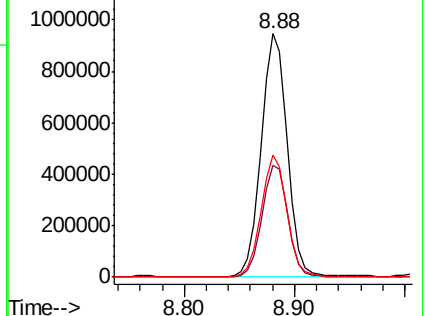
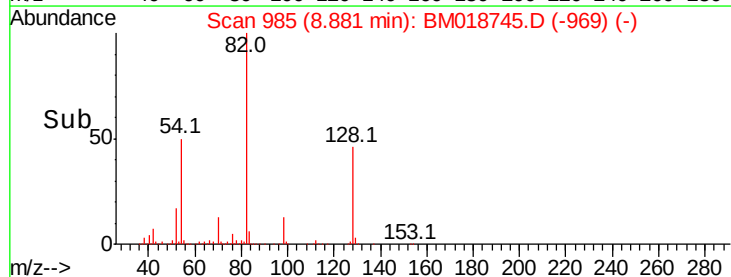
54 50.1 41.7 62.5

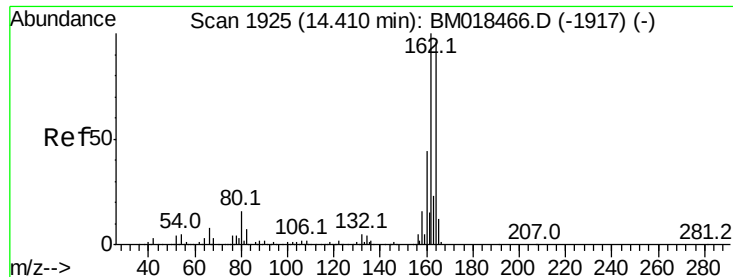


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

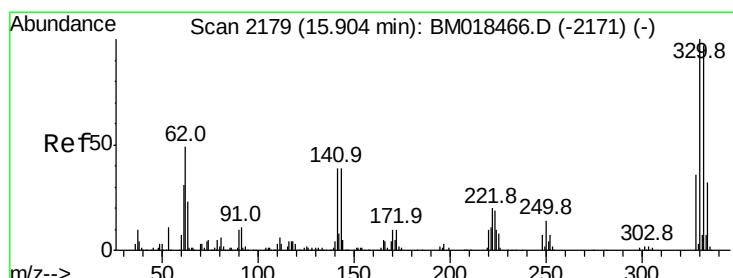
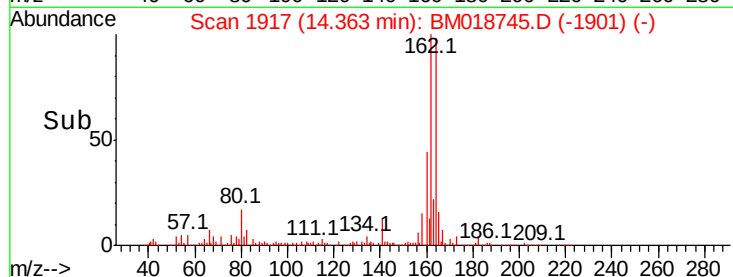
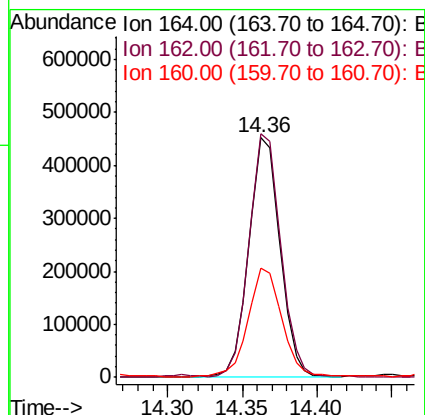
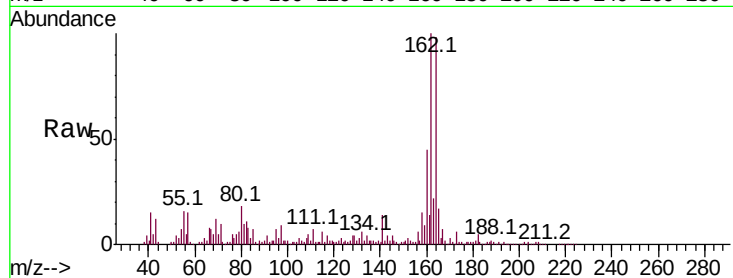




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BM018745.D
 Acq: 07 Feb 2019 19:41

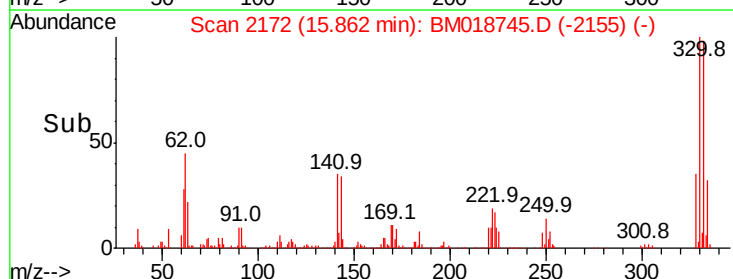
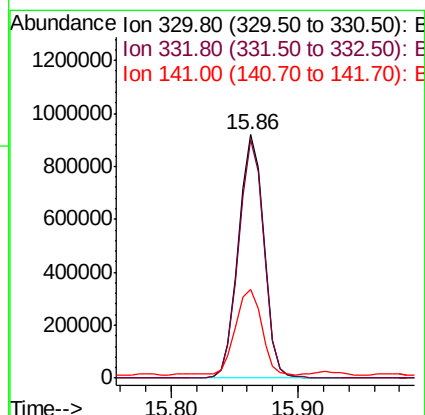
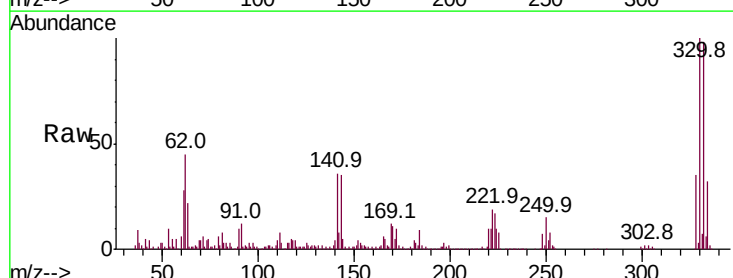
Instrument :
 BNA_M
 ClientSampleId :
 SB-04(13-14)

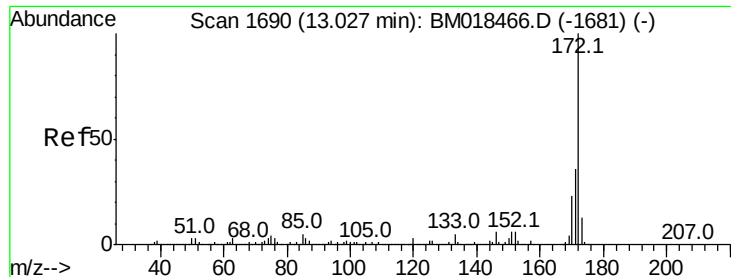
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.4
160	45.6	37.1	55.7



#42
 2,4,6-Tribromophenol
 Concen: 154.586 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BM018745.D
 Acq: 07 Feb 2019 19:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	36.0	31.7	47.5



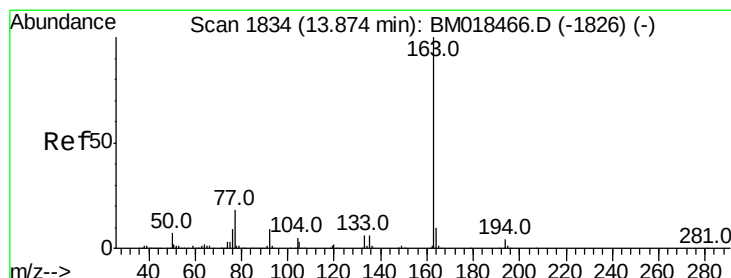
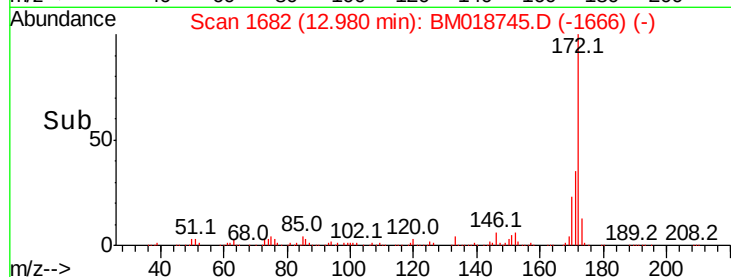
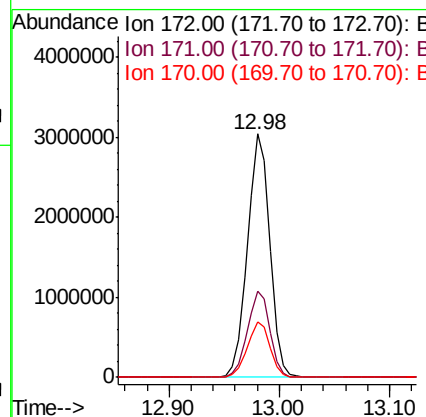
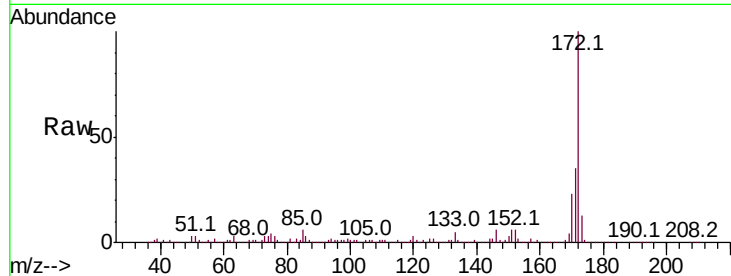


#45
 2-Fluorobiphenyl
 Concen: 87.401 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BM018745.D
 Acq: 07 Feb 2019 19:41

Instrument :
 BNA_M
 ClientSampleId :
 SB-04(13-14)

Tot Ion:172 Resp: 4335700

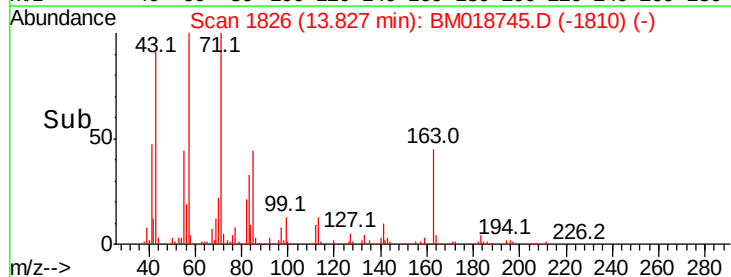
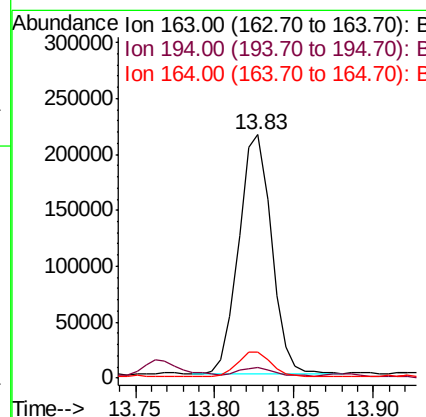
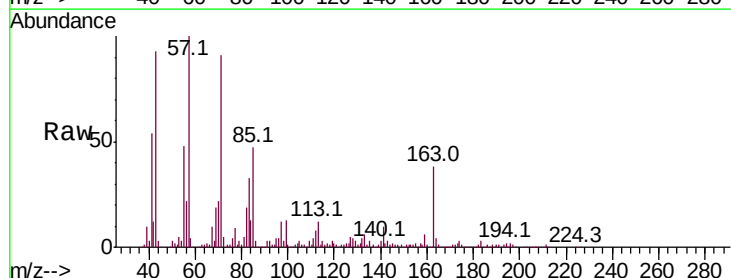
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.0	18.9	28.3

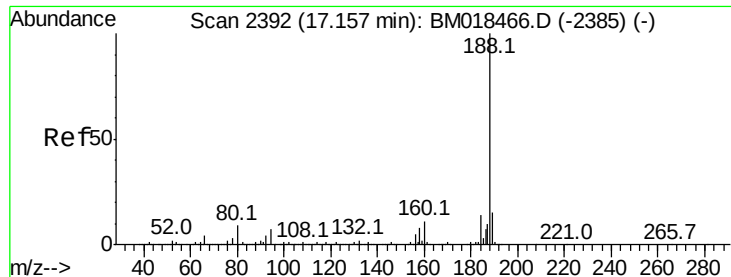


#50
 Dimethylphthalate
 Concen: 5.806 ng
 RT: 13.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BM018745.D
 Acq: 07 Feb 2019 19:41

Tgt Ion:163 Resp: 308679

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	10.6	7.8	11.8

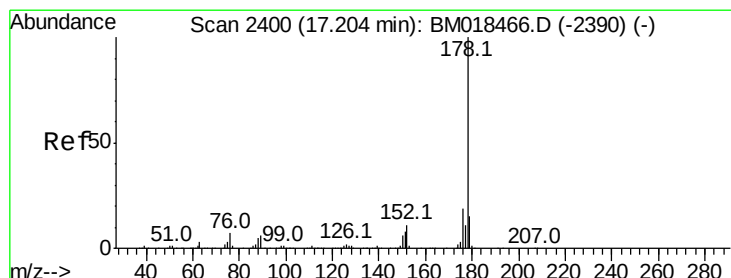
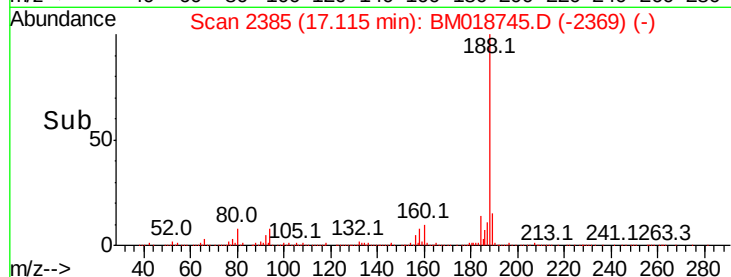
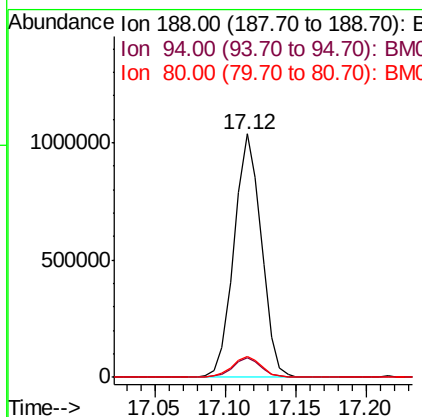
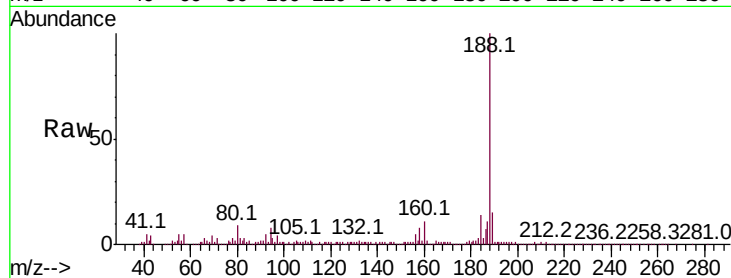




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

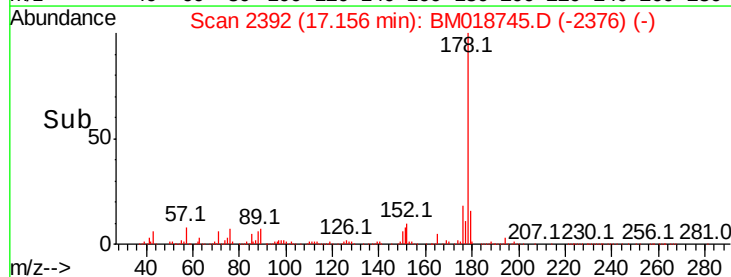
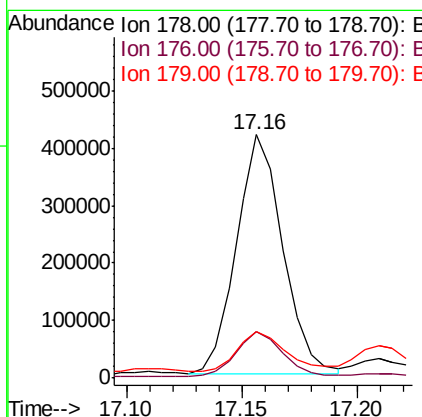
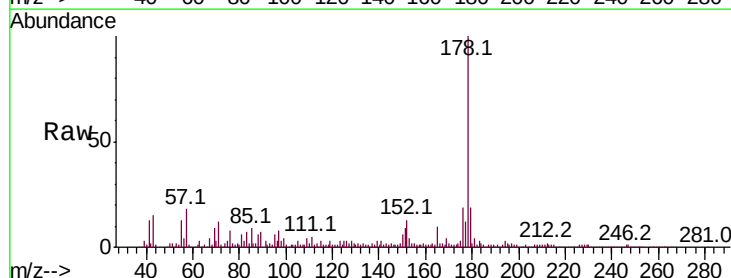
Instrument :
BNA_M
ClientSampleId :
SB-04(13-14)

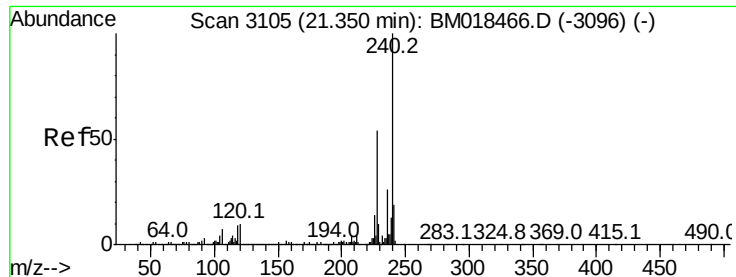
Tot Ion:188 Resp: 1395477
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.7 7.6 11.4



#71
Phenanthrene
Concen: 7.770 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Tgt Ion:178 Resp: 576763
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 18.9 12.2 18.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

Instrument :

BNA_M

ClientSampleId :

SB-04(13-14)

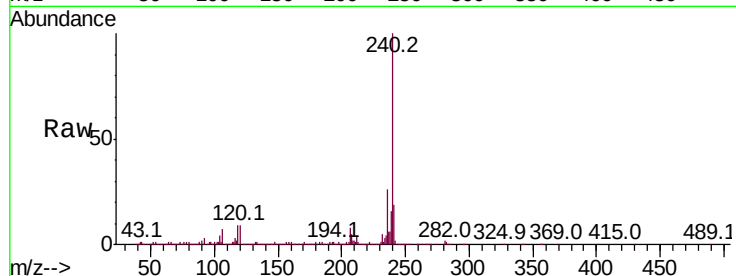
Tot Ion:240 Resp: 1294204

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

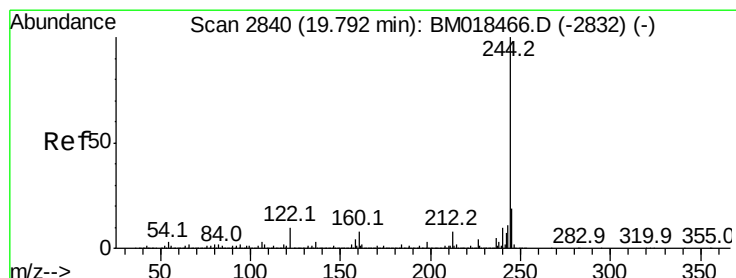
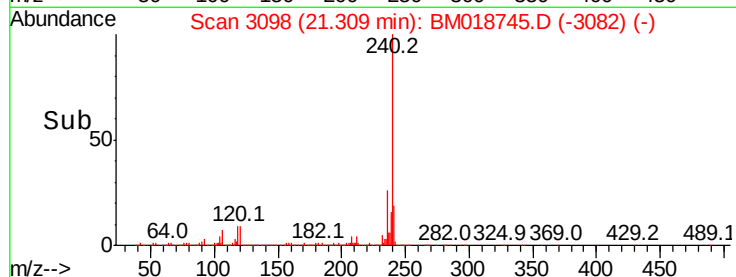
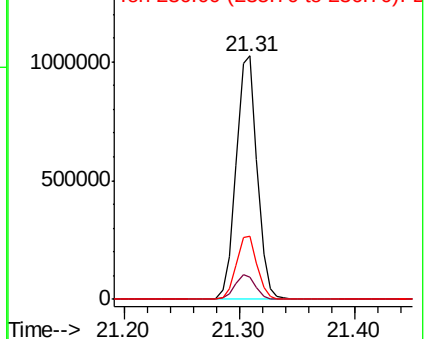
236 25.9 20.7 31.1



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: 100.316 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018745.D

Acq: 07 Feb 2019 19:41

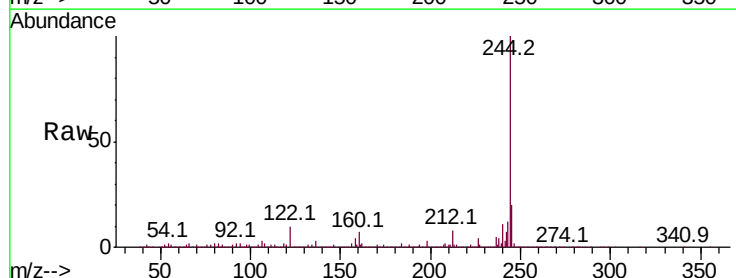
Tgt Ion:244 Resp: 6158818

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

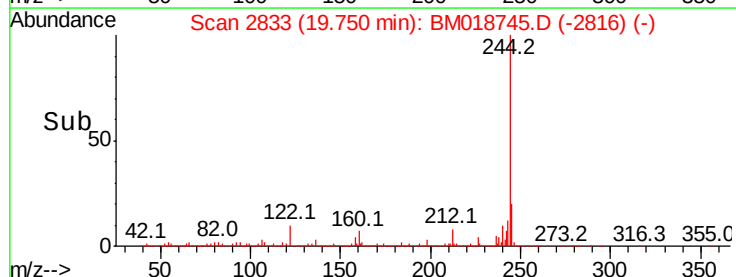
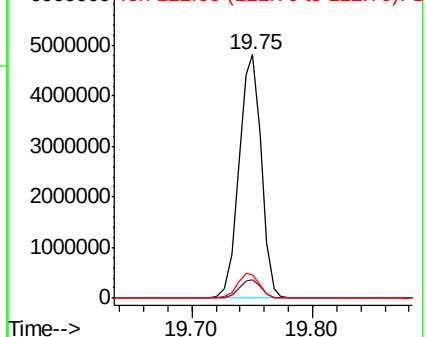
122 9.9 9.0 13.4

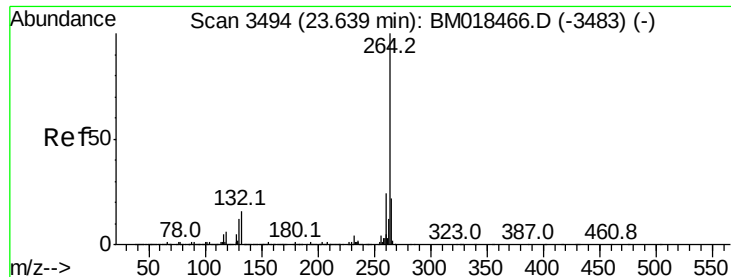


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM018745.D
Acq: 07 Feb 2019 19:41

Instrument :
BNA_M
ClientSampleId :
SB-04(13-14)

Tot Ion:264 Resp: 1228829

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.0	16.8	25.2

