

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
 Data File : BM018694.D
 Acq On : 30 Jan 2019 14:10
 Operator : JU/SJ
 Sample : K1281-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-16(35.5-36)

Quant Time: Jan 30 15:26:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

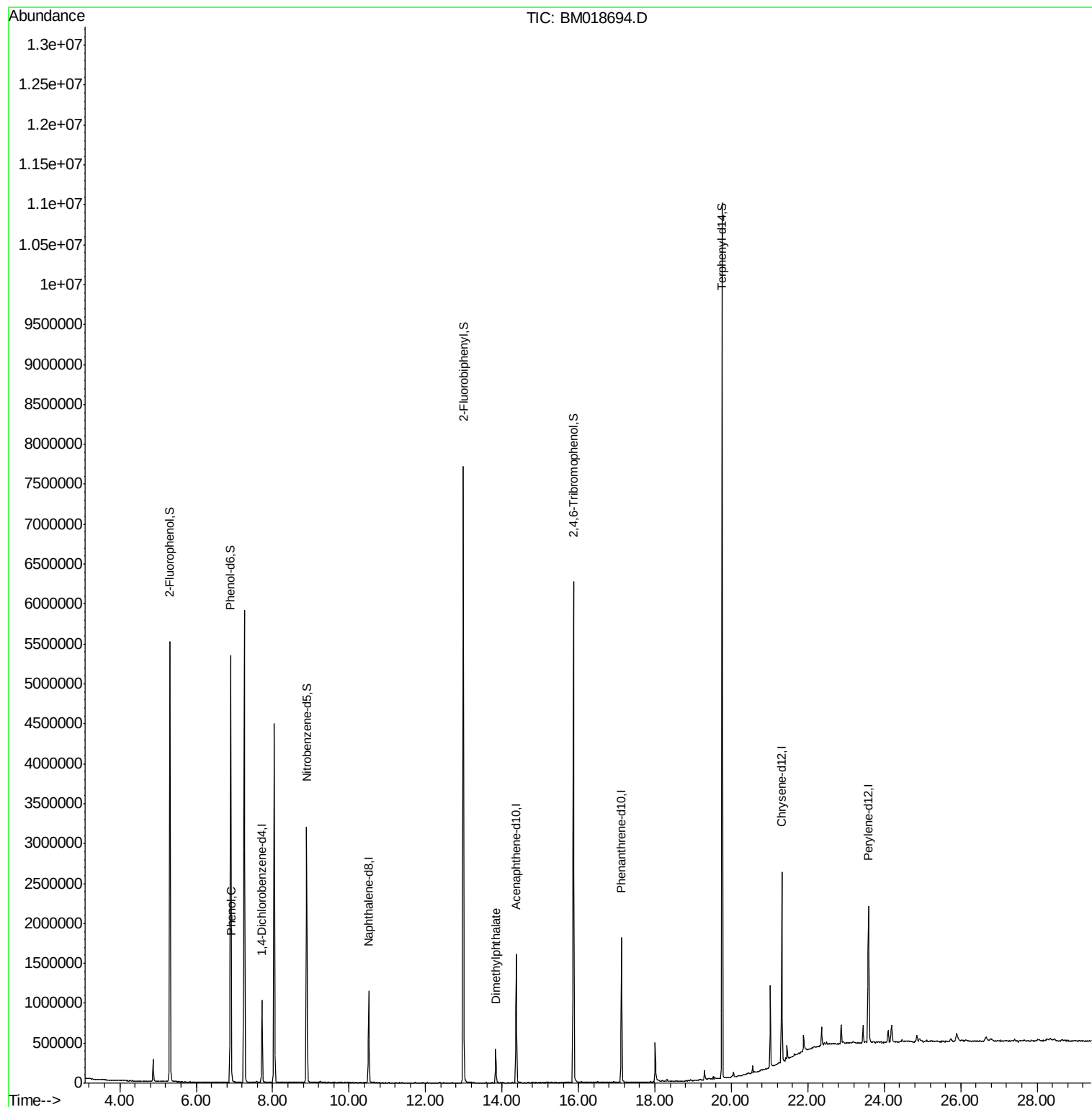
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	270240	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	1002614	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	525806	20.00	ng	-0.01
64) Phenanthrene-d10	17.12	188	1114522	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	1132451	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1253065	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2326313	158.95	ng	-0.01
7) Phenol-d6	6.90	99	2920012	157.09	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1752344	101.32	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	1071939	160.11	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	4058650	100.72	ng	-0.02
79) Terphenyl-d14	19.76	244	4755769	88.53	ng	-0.01
Target Compounds						
10) Phenol	6.92	94	68932	3.649	ng	85
50) Dimethylphthalate	13.83	163	289733	6.709	ng	99

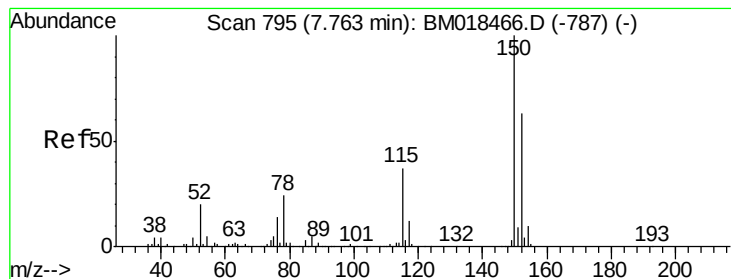
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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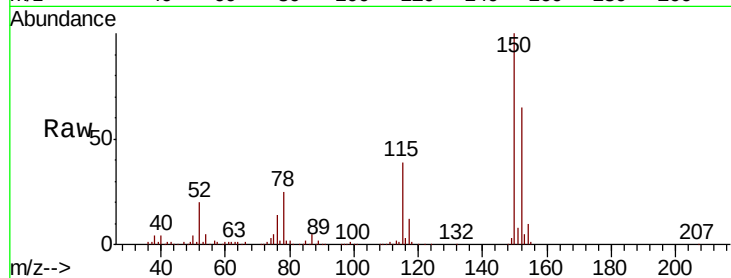


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018694.D
Acq: 30 Jan 2019 14:10

Instrument :
BNA_M
ClientSampleId :
SB-16(35.5-36)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.9	190.3
115	59.9	45.5	68.3

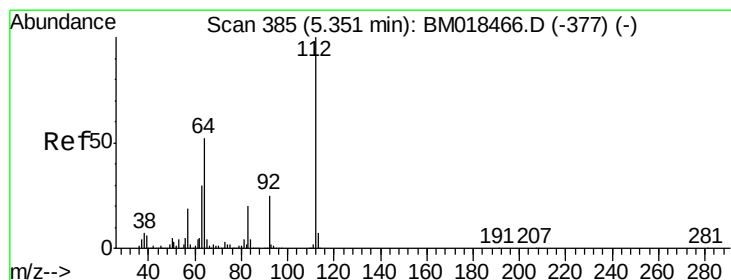
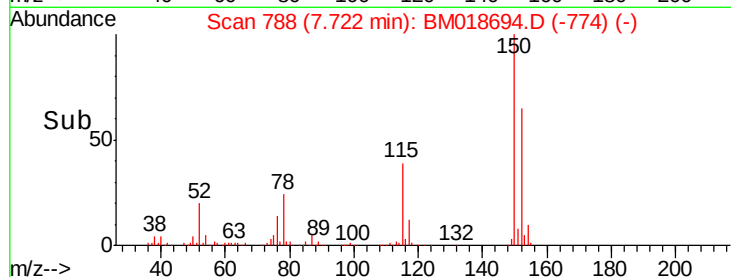
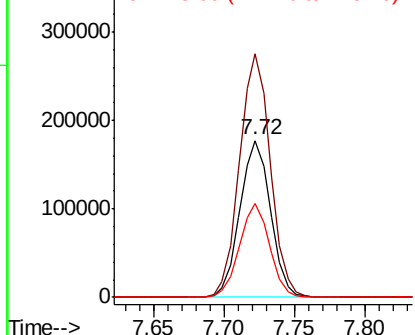


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

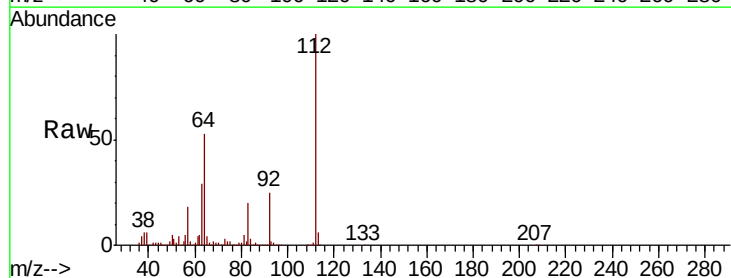
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 158.952 ng
RT: 5.32 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018694.D
Acq: 30 Jan 2019 14:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.5	69.7
63	28.7	25.2	37.8

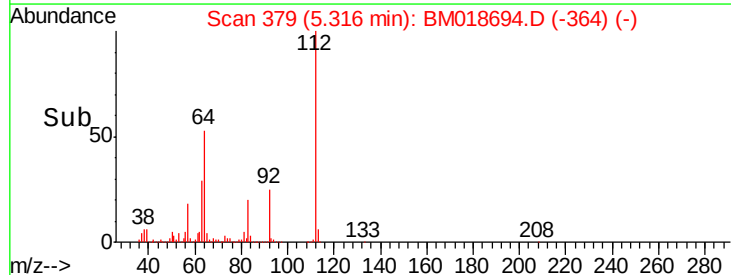
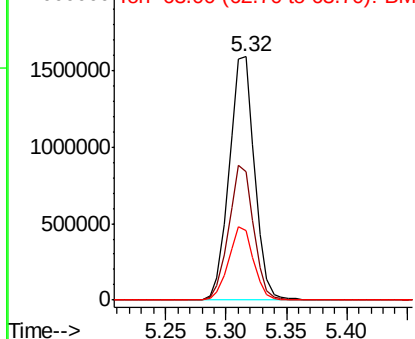


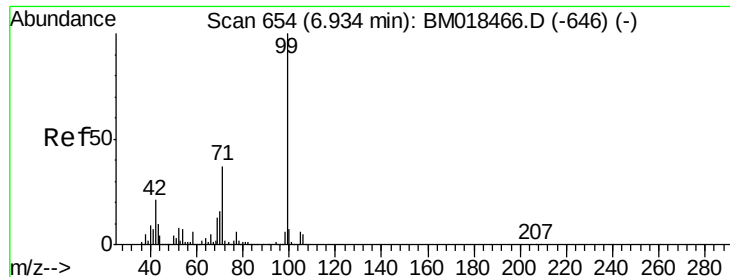
Abundance

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: 157.086 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018694.D

Acq: 30 Jan 2019 14:10

Instrument :

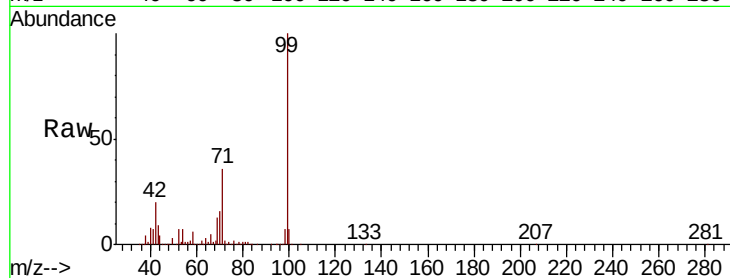
BNA_M

ClientSampleId :

SB-16(35.5-36)

Tot Ion: 99 Resp: 2920012

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.3	25.9
71	36.2	28.0	42.0

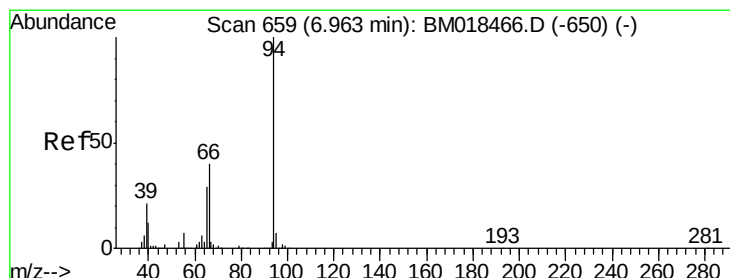
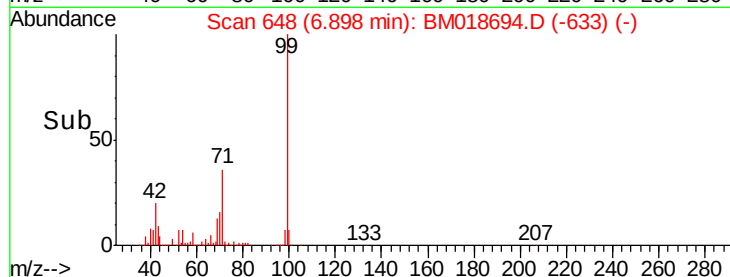
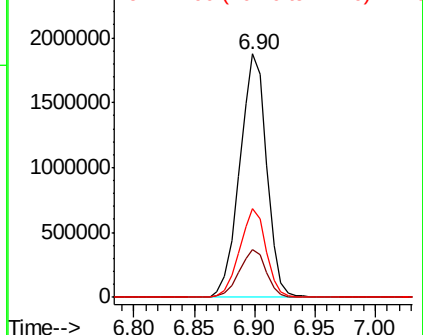


Abundance

Ion 99.00 (98.70 to 99.70): BM018694.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018694.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018694.D (-646) (-)



#10

Phenol

Concen: 3.649 ng

RT: 6.92 min Scan# 652

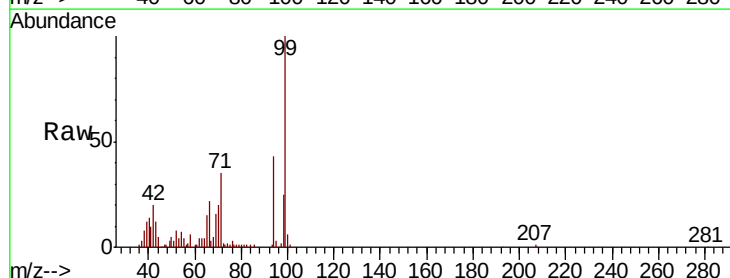
Delta R.T. -0.02 min

Lab File: BM018694.D

Acq: 30 Jan 2019 14:10

Tgt Ion: 94 Resp: 68932

Ion	Ratio	Lower	Upper
94	100		
65	33.7	9.4	49.4
66	51.2	19.1	59.1

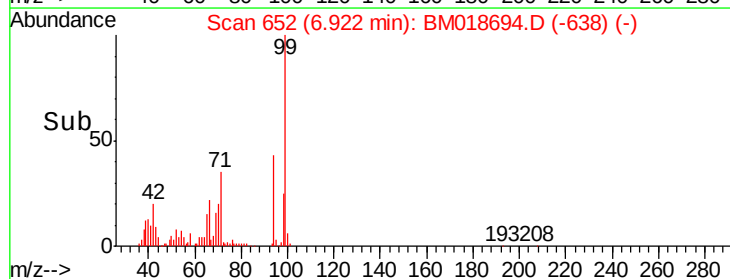
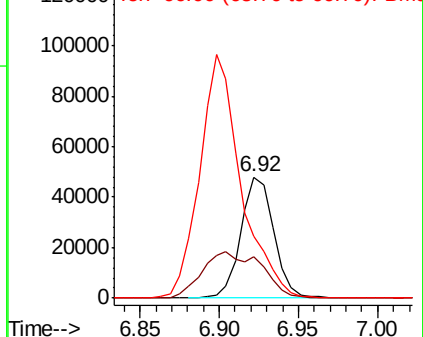


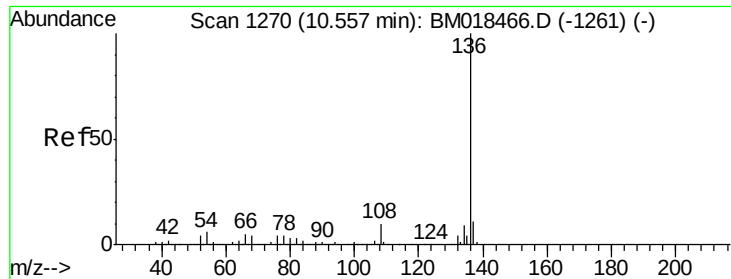
Abundance

Ion 94.00 (93.70 to 94.70): BM018694.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018694.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018694.D (-638) (-)

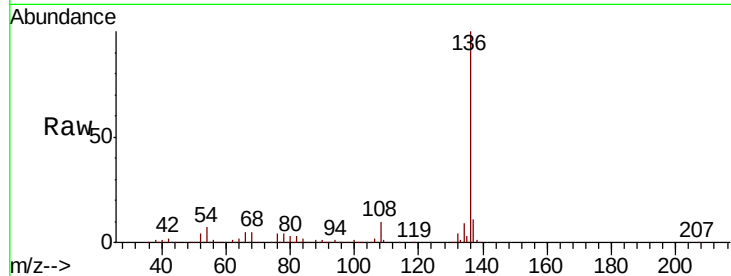




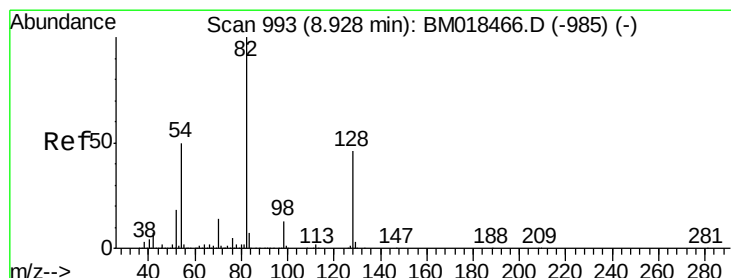
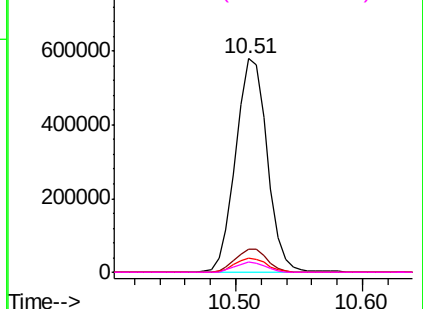
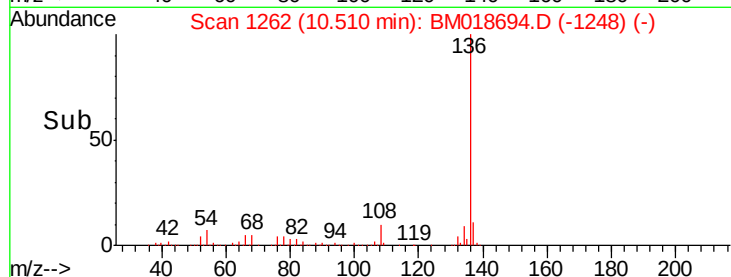
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018694.D
Acq: 30 Jan 2019 14:10

Instrument :
BNA_M
ClientSampleId :
SB-16(35.5-36)

Tot Ion:136 Resp: 1002614
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.6 6.0 9.0
68 4.6 4.5 6.7

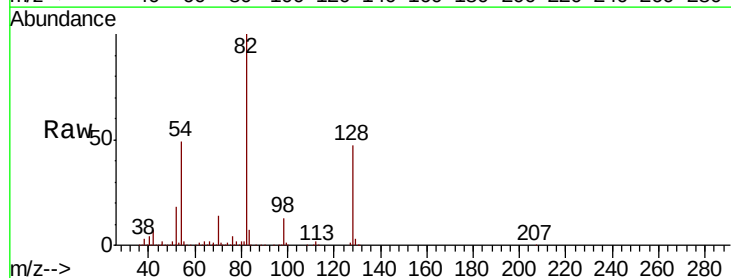


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

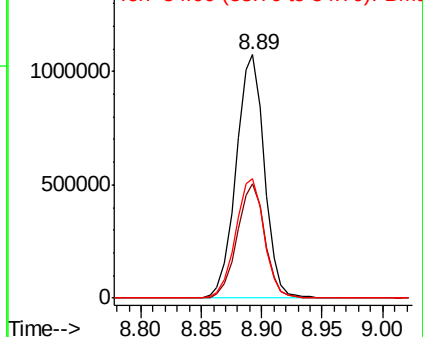
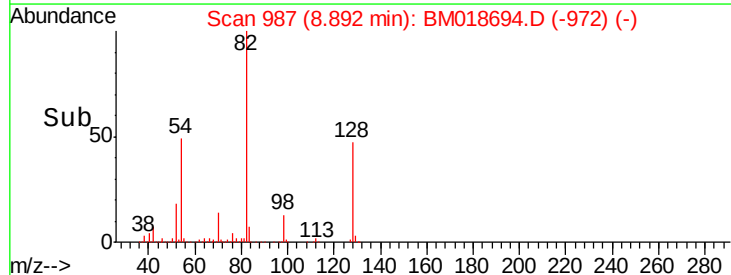


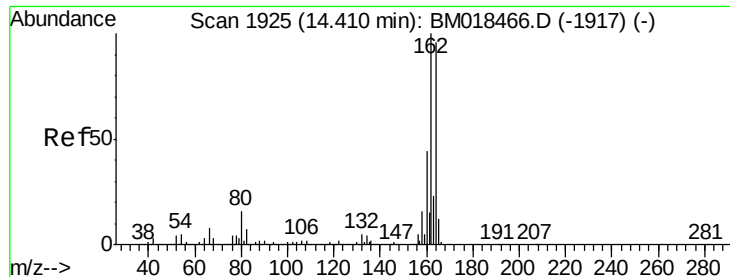
#23
Nitrobenzene-d5
Concen: 101.320 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018694.D
Acq: 30 Jan 2019 14:10

Tgt Ion: 82 Resp: 1752344
Ion Ratio Lower Upper
82 100
128 47.2 36.3 54.5
54 49.3 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: 14.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM018694.D

Acq: 30 Jan 2019 14:10

Instrument :

BNA_M

ClientSampleId :

SB-16(35.5-36)

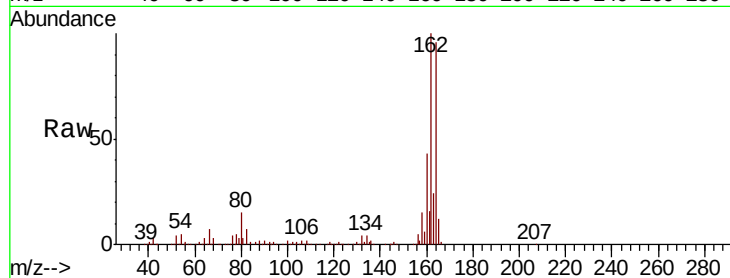
Tot Ion:164 Resp: 525806

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.4

160 45.3 37.1 55.7

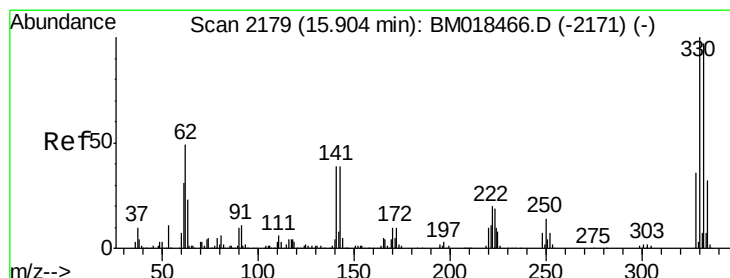
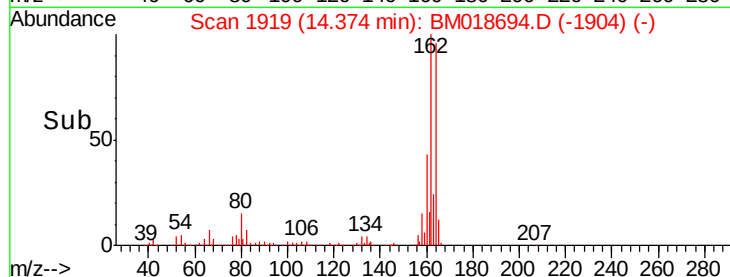
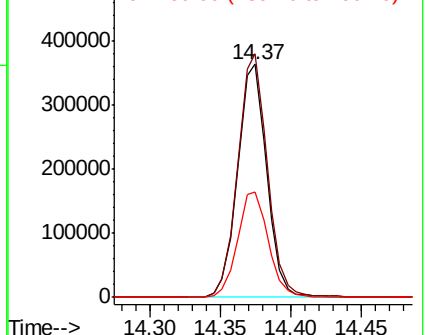


Abundance

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: 160.111 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM018694.D

Acq: 30 Jan 2019 14:10

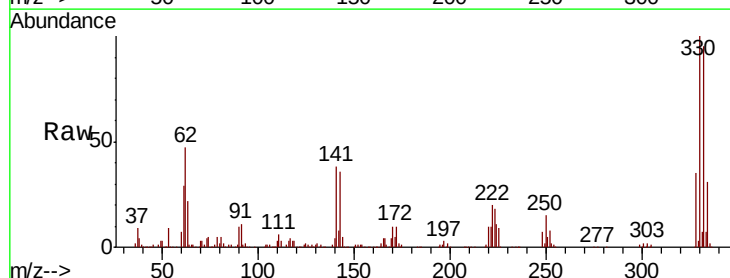
Tgt Ion:330 Resp: 1071939

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 38.0 31.7 47.5

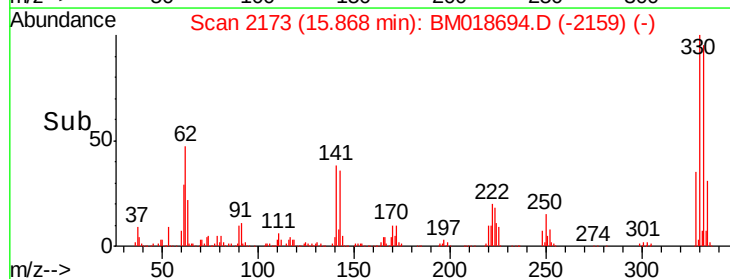
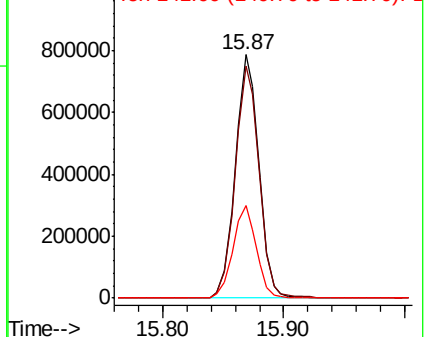


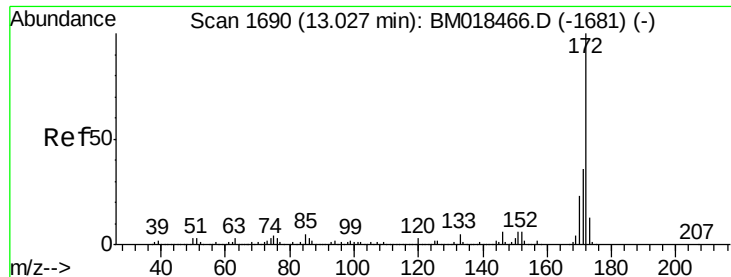
Abundance

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



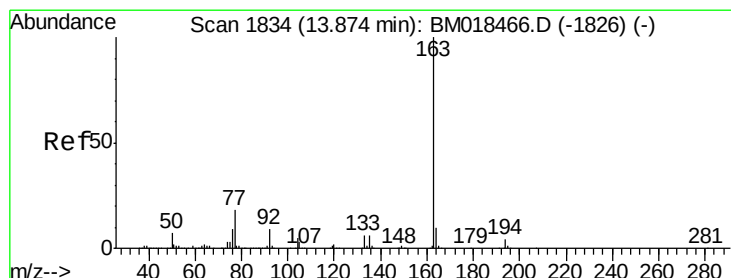
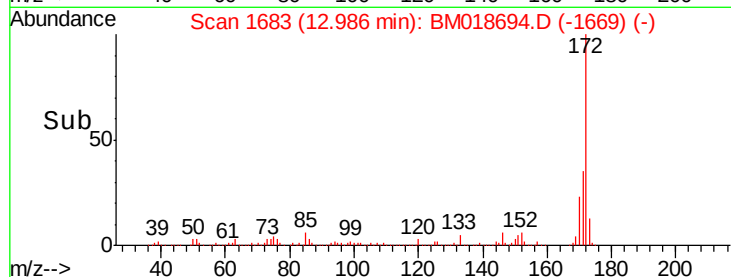
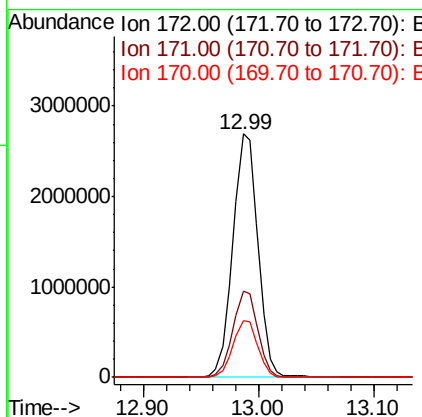
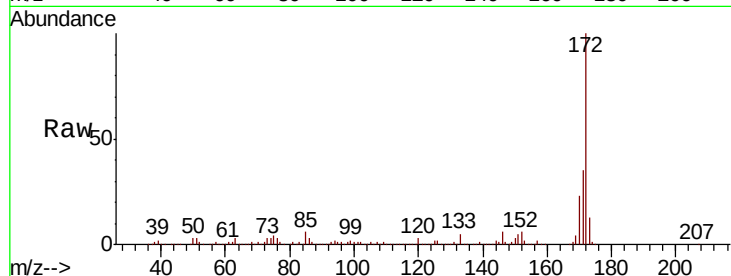


#45
 2-Fluorobiphenyl
 Concen: 100.721 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM018694.D
 Acq: 30 Jan 2019 14:10

Instrument :
 BNA_M
 ClientSampleId :
 SB-16(35.5-36)

Tot Ion:172 Resp: 4058650

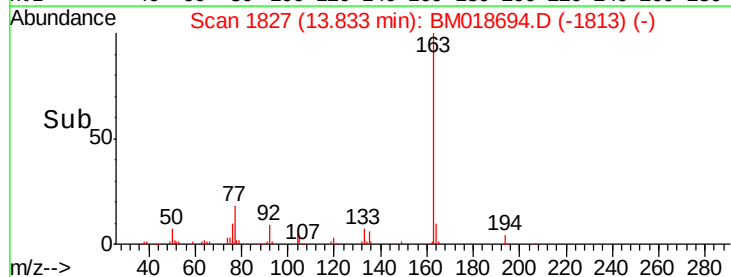
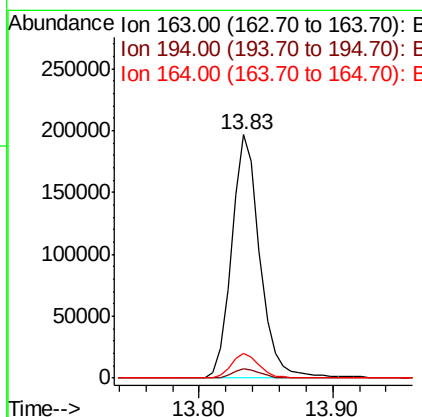
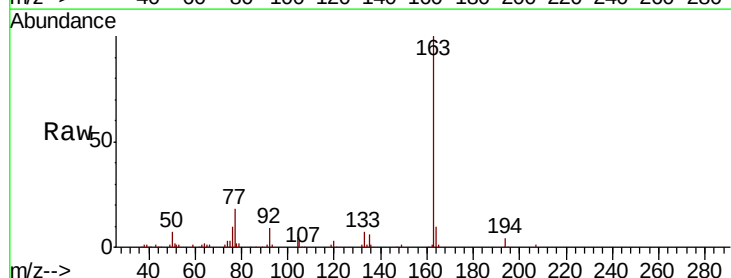
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.1	18.9	28.3

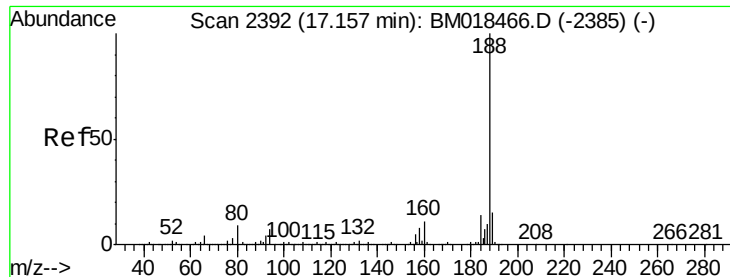


#50
 Dimethylphthalate
 Concen: 6.709 ng
 RT: 13.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BM018694.D
 Acq: 30 Jan 2019 14:10

Tgt Ion:163 Resp: 289733

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	7.8	11.8

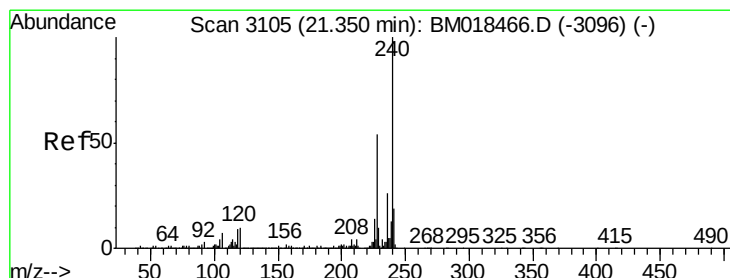
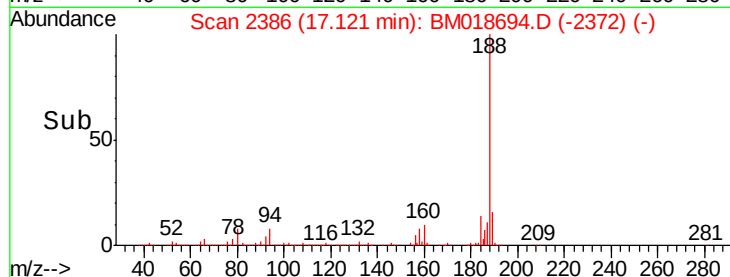
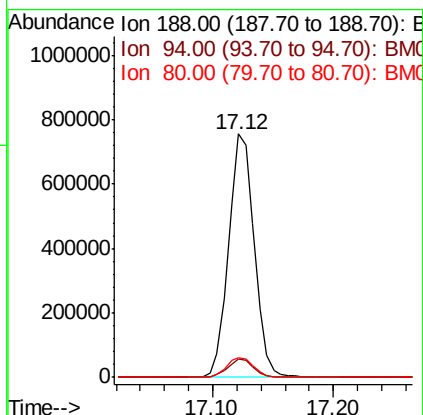
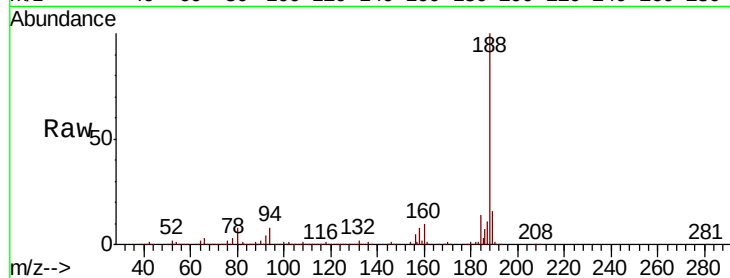




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018694.D
Acq: 30 Jan 2019 14:10

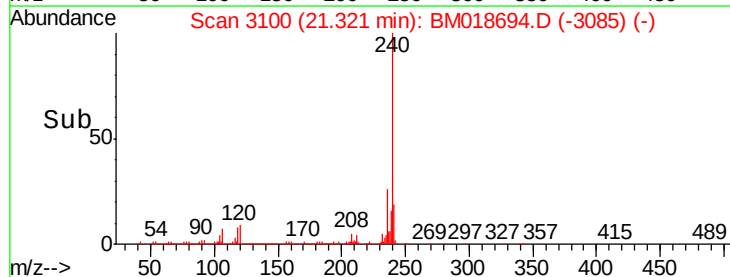
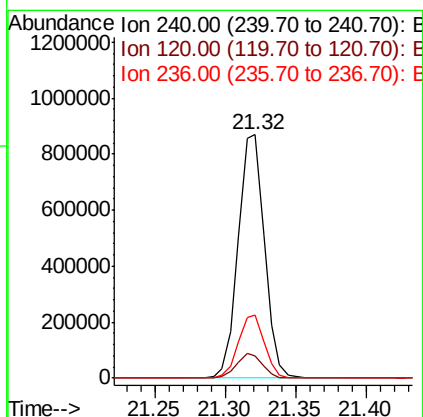
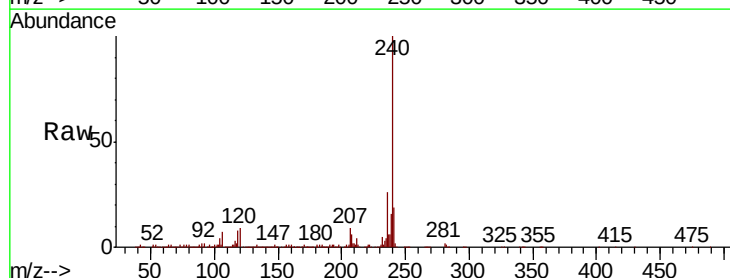
Instrument :
BNA_M
ClientSampleId :
SB-16(35.5-36)

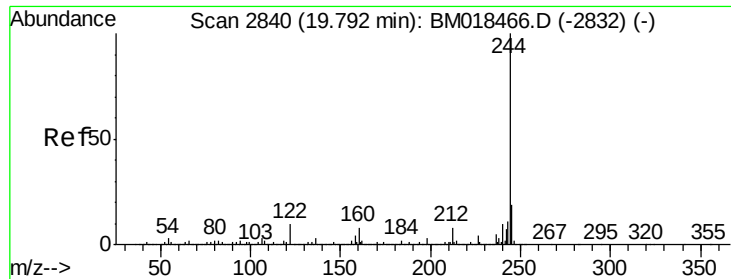
Tot Ion:188 Resp: 1114522
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 8.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018694.D
Acq: 30 Jan 2019 14:10

Tgt Ion:240 Resp: 1132451
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.7 20.7 31.1

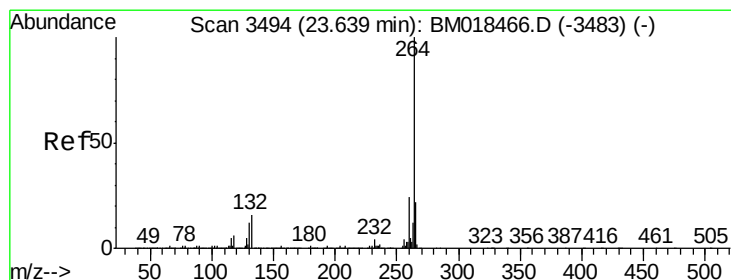
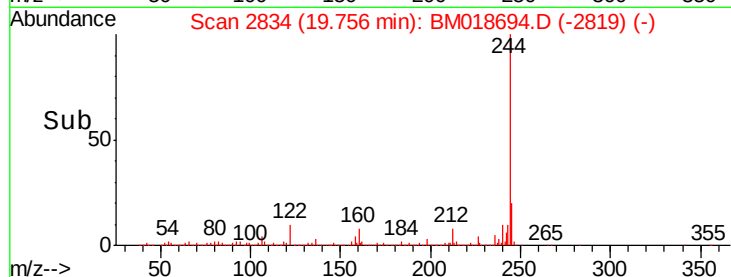
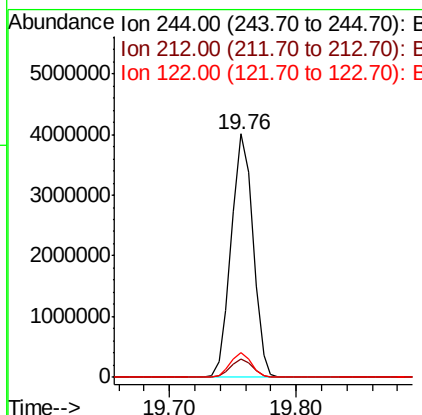
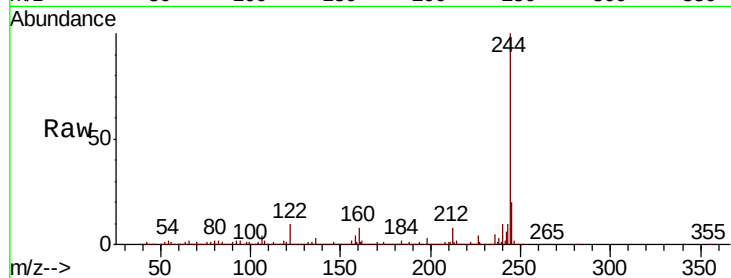




#79
 Terphenyl-d14
 Concen: 88.528 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM018694.D
 Acq: 30 Jan 2019 14:10

Instrument :
 BNA_M
 ClientSampleId :
 SB-16(35.5-36)

Tot Ion:244 Resp: 4755769
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.1 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.59 min Scan# 3485
 Delta R.T. -0.02 min
 Lab File: BM018694.D
 Acq: 30 Jan 2019 14:10

Tgt Ion:264 Resp: 1253065
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.0 16.8 25.2

