

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018305.D
 Acq On : 19 Dec 2018 20:24
 Operator : JU/SJ
 Sample : J6426-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013B-3642-01

Quant Time: Dec 20 01:52:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

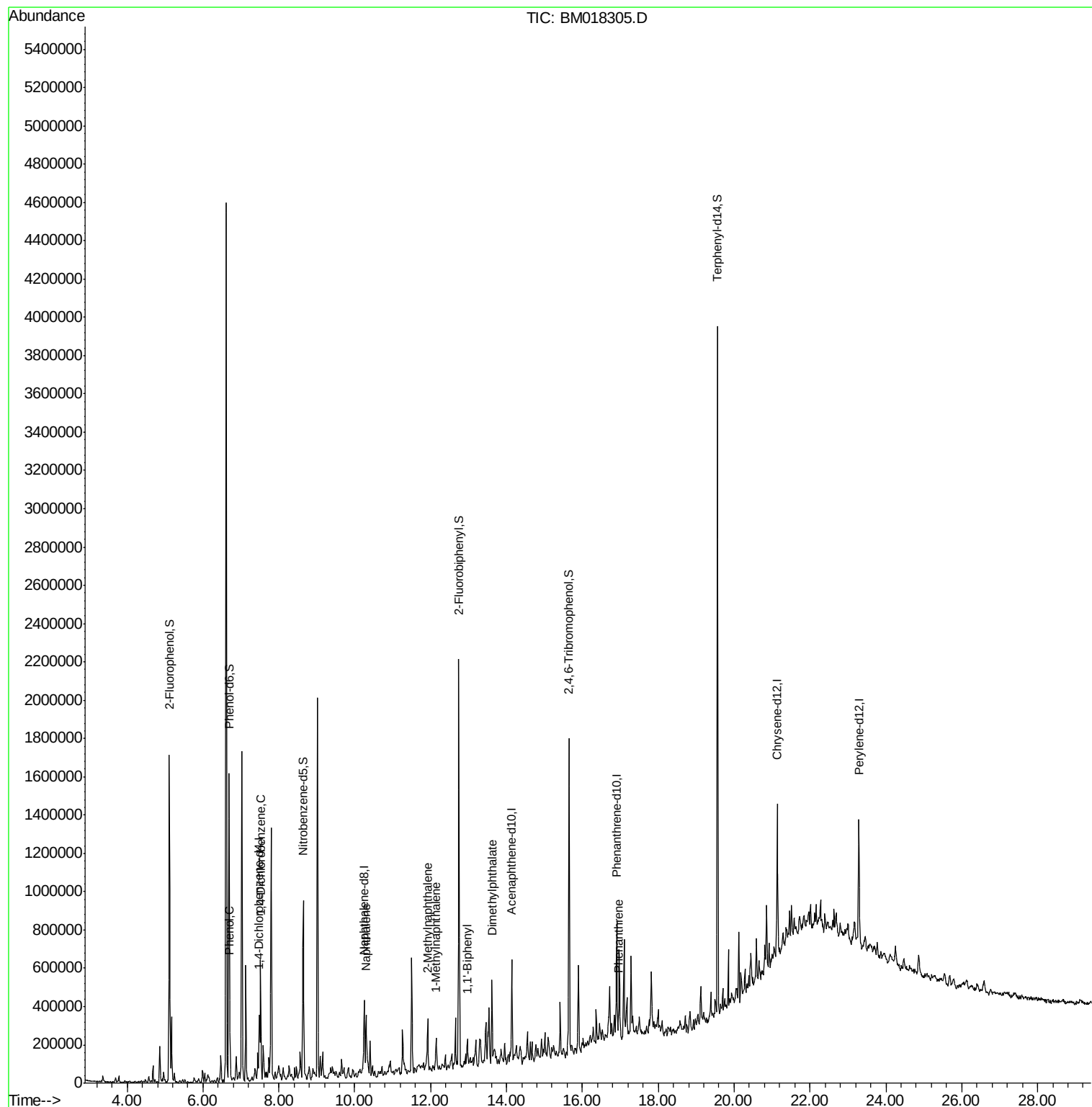
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	83836	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	298766	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	156518	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	317701	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	374054	20.00	ng	-0.02
87) Perylene-d12	23.29	264	440249	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	662236	131.95	ng	-0.01
7) Phenol-d6	6.69	99	851659	122.09	ng	-0.02
23) Nitrobenzene-d5	8.64	82	553218	94.98	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	271901	118.36	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1053987	87.22	ng	-0.02
79) Terphenyl-d14	19.56	244	1463693	88.50	ng	-0.01
Target Compounds						
10) Phenol	6.71	94	53437	7.234	ng	Qvalue 91
13) 1,4-Dichlorobenzene	7.52	146	224213	33.346	ng	97
31) Naphthalene	10.30	128	208803	14.293	ng	99
37) 2-Methylnaphthalene	11.92	142	130742	12.690	ng	95
38) 1-Methylnaphthalene	12.15	142	74821	7.443	ng	96
46) 1,1'-Biphenyl	12.96	154	36939	2.623	ng	98
50) Dimethylphthalate	13.62	163	88005	6.763	ng	# 97
71) Phenanthrene	16.95	178	37629	2.181	ng	# 95

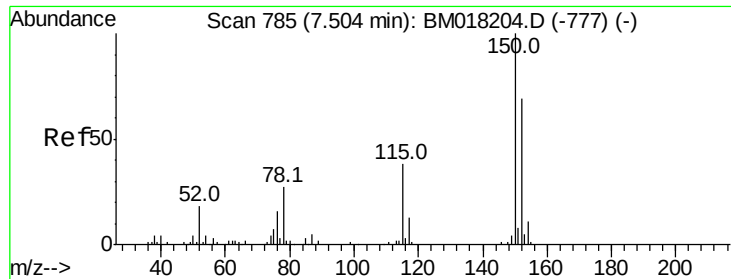
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018305.D
Acq On : 19 Dec 2018 20:24
Operator : JU/SJ
Sample : J6426-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-3642-01

Quant Time: Dec 20 01:52:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration



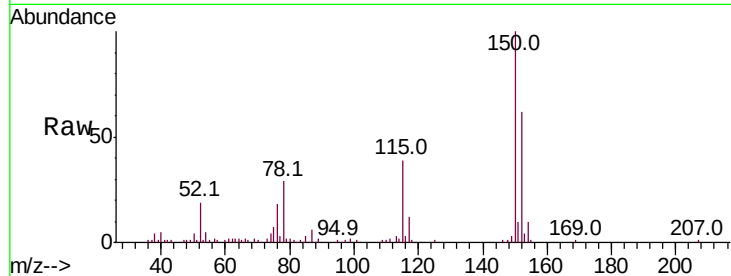


#1

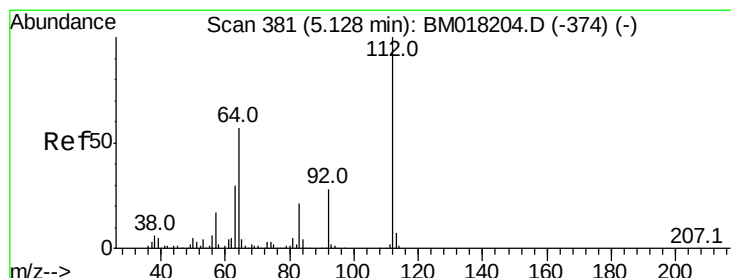
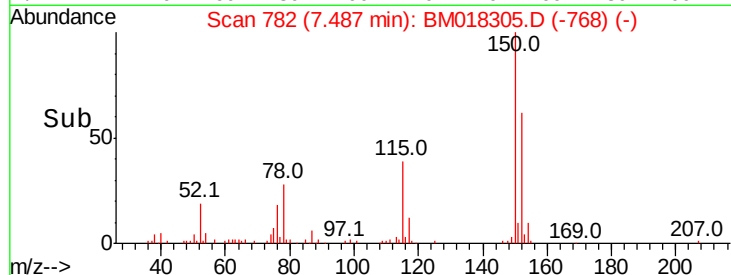
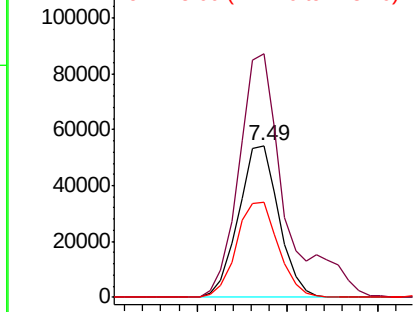
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018305.D
Acq: 19 Dec 2018 20:24

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-3642-01

Tot Ion:152 Resp: 83836
Ion Ratio Lower Upper
152 100
150 160.7 116.1 174.1
115 62.5 44.6 67.0



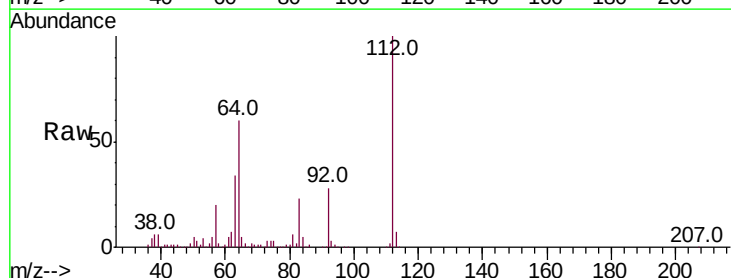
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



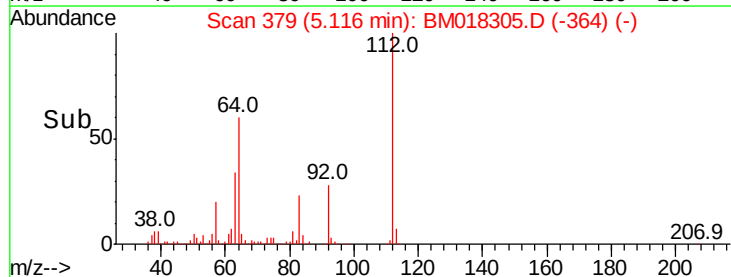
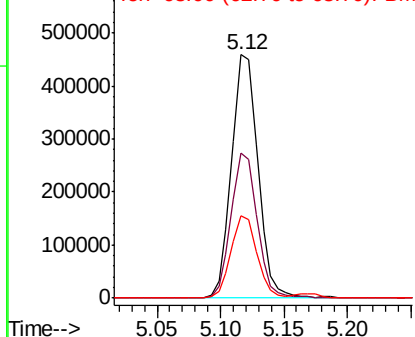
#5

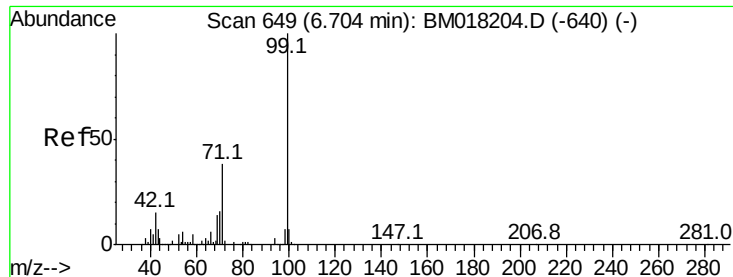
2-Fluorophenol
Concen: 131.955 ng
RT: 5.12 min Scan# 379
Delta R.T. -0.01 min
Lab File: BM018305.D
Acq: 19 Dec 2018 20:24

Tgt Ion:112 Resp: 662236
Ion Ratio Lower Upper
112 100
64 59.8 45.4 68.2
63 33.8 24.0 36.0



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: 122.092 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018305.D

Acq: 19 Dec 2018 20:24

Instrument :

BNA_M

ClientSampleId :

P001-SS013B-3642-01

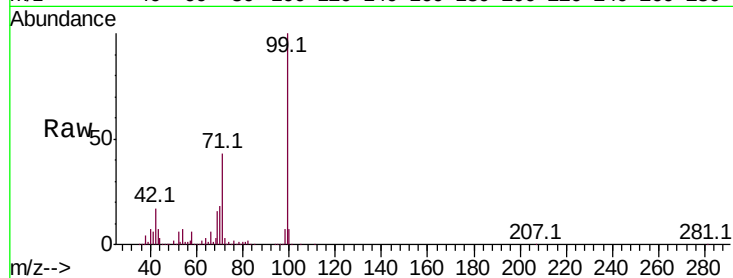
Tot Ion: 99 Resp: 851659

Ion Ratio Lower Upper

99 100

42 17.4 12.3 18.5

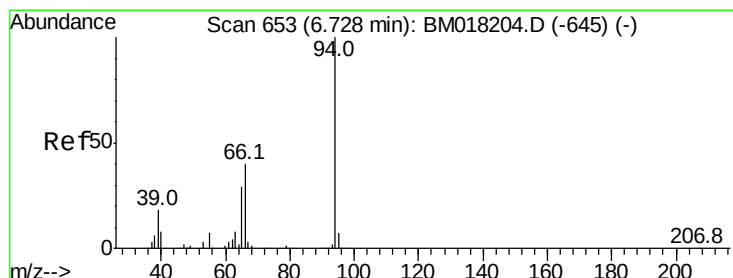
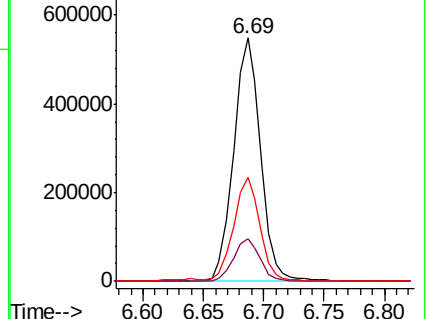
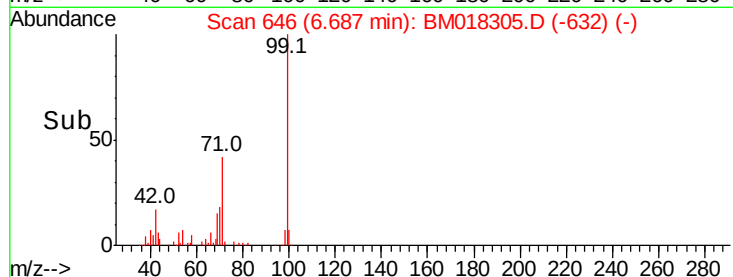
71 42.7 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#10

Phenol

Concen: 7.234 ng

RT: 6.71 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM018305.D

Acq: 19 Dec 2018 20:24

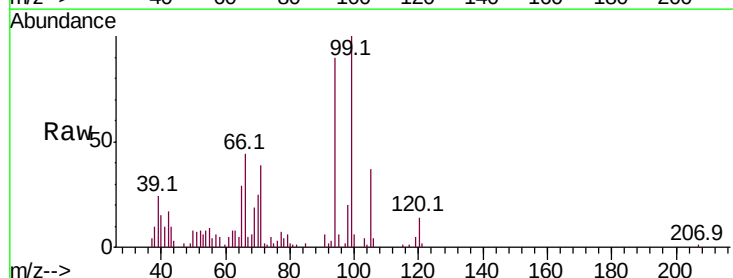
Tgt Ion: 94 Resp: 53437

Ion Ratio Lower Upper

94 100

65 32.3 9.5 49.5

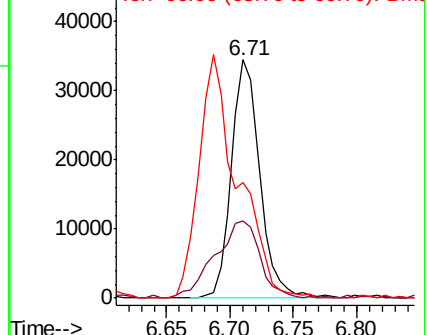
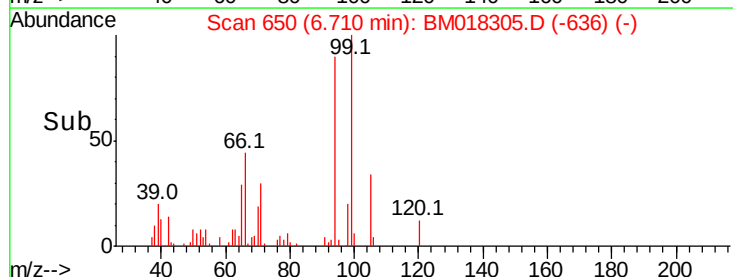
66 48.4 21.3 61.3

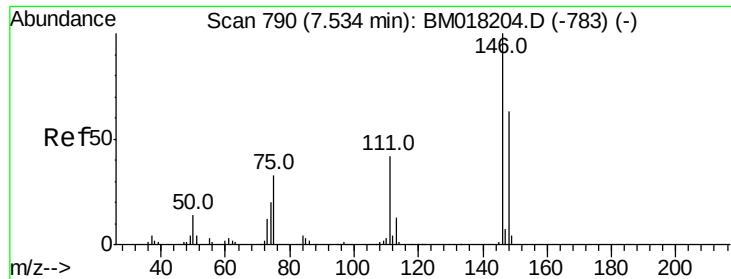


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)

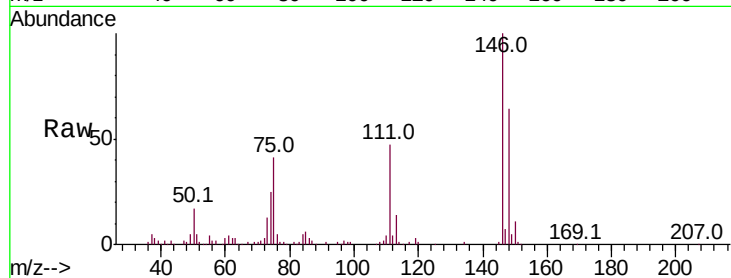




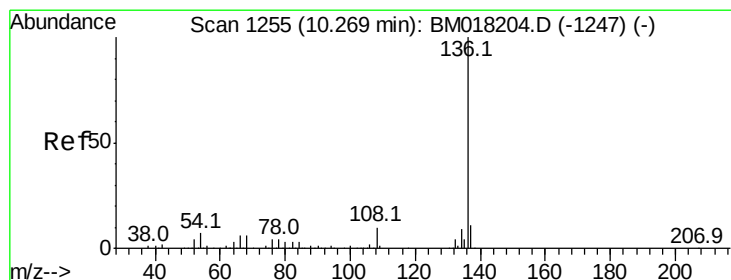
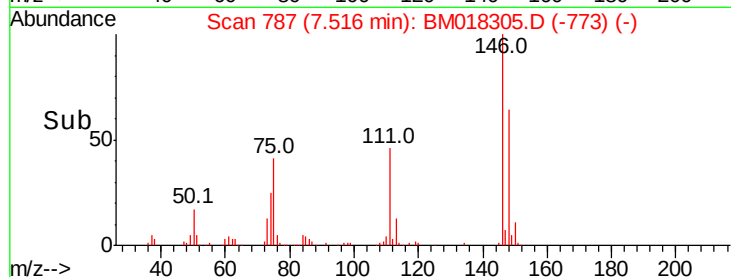
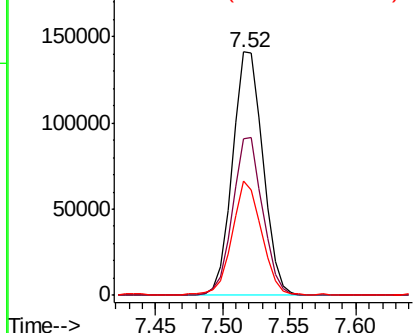
#13
1,4-Dichlorobenzene
Concen: 33.346 ng
RT: 7.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BM018305.D
Acq: 19 Dec 2018 20:24

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-3642-01

Tot Ion:146 Resp: 224213
Ion Ratio Lower Upper
146 100
148 64.5 50.7 76.1
111 46.8 34.2 51.2

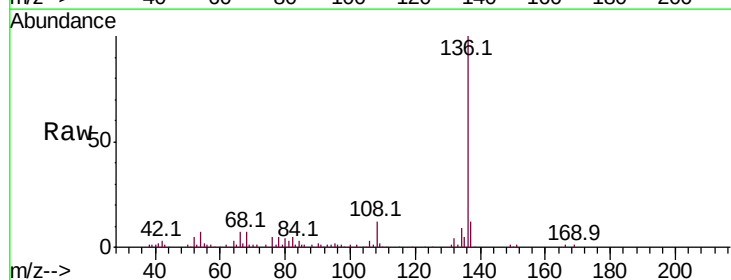


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

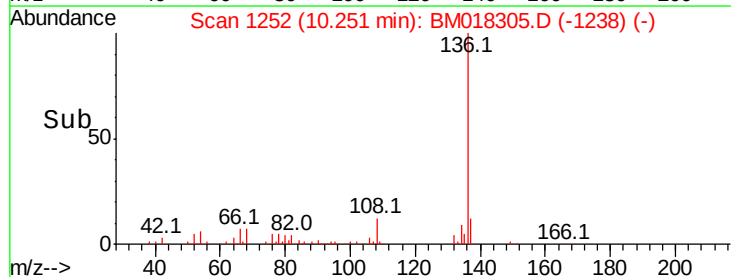
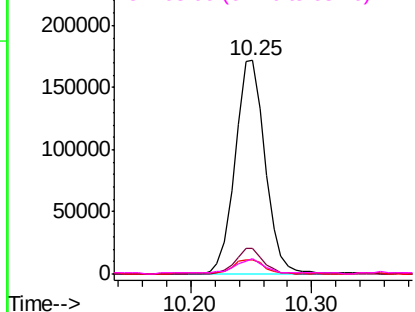


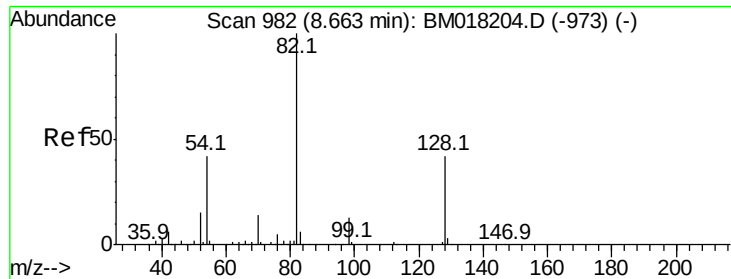
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018305.D
Acq: 19 Dec 2018 20:24

Tgt Ion:136 Resp: 298766
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 6.5 5.2 7.8
68 7.3 5.0 7.6



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): BM0
Ion 68.00 (67.70 to 68.70): BM0

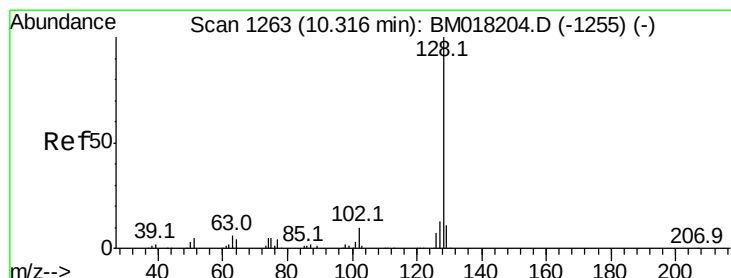
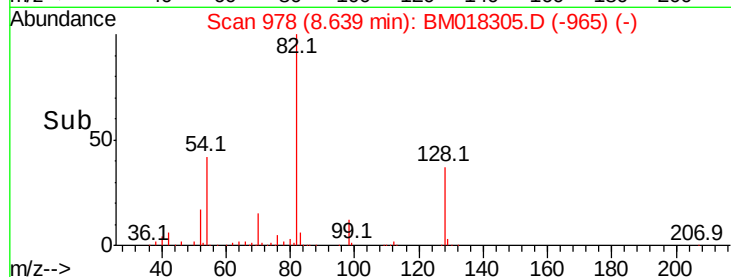
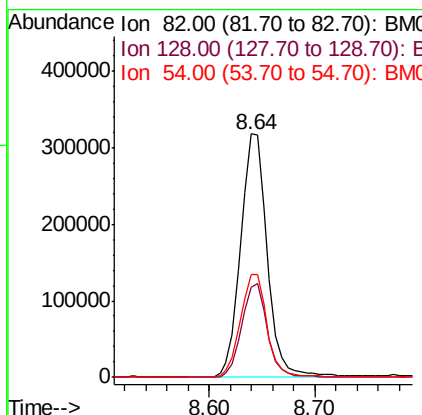
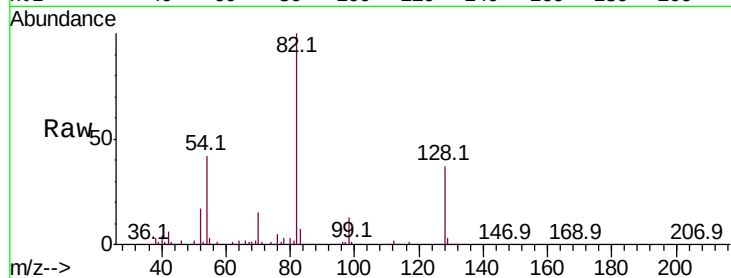




#23
 Nitrobenzene-d5
 Concen: 94.979 ng
 RT: 8.64 min Scan# 978
 Delta R.T. -0.02 min
 Lab File: BM018305.D
 Acq: 19 Dec 2018 20:24

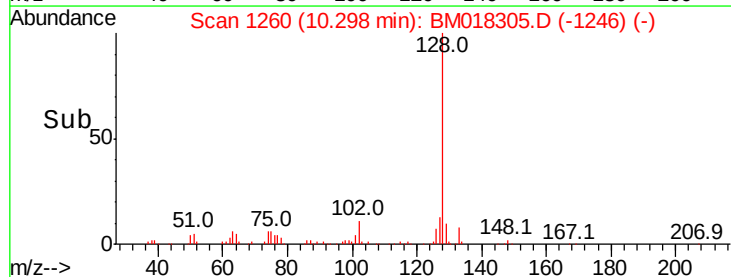
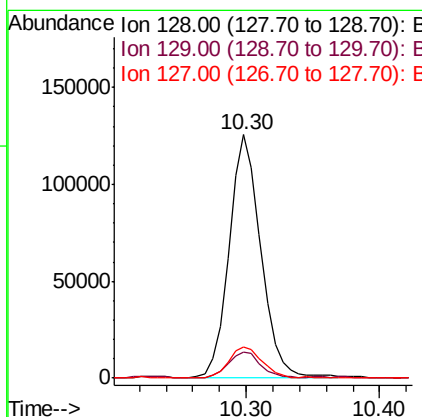
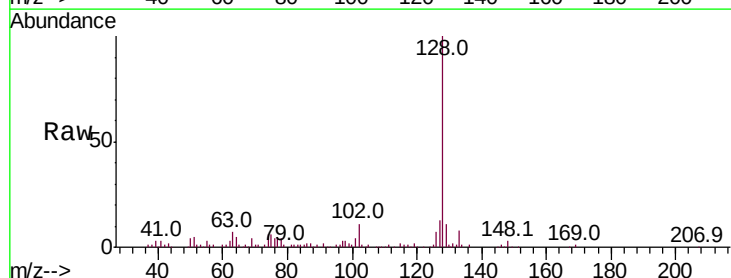
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013B-3642-01

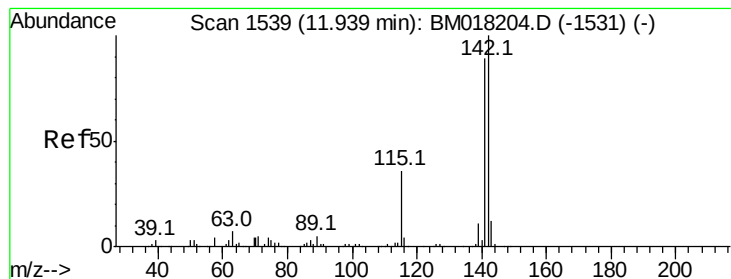
Tot Ion	82	Resp	553218
Ion Ratio	Lower	Upper	
82	100		
128	36.9	33.4	50.2
54	42.4	33.4	50.2



#31
 Naphthalene
 Concen: 14.293 ng
 RT: 10.30 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BM018305.D
 Acq: 19 Dec 2018 20:24

Tgt Ion	128	Resp	208803
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.9	13.3
127	13.0	10.4	15.6





#37

2-Methylnaphthalene

Concen: 12.690 ng

RT: 11.92 min Scan# 1536

Delta R.T. -0.02 min

Lab File: BM018305.D

Acq: 19 Dec 2018 20:24

Instrument :

BNA_M

ClientSampleId :

P001-SS013B-3642-01

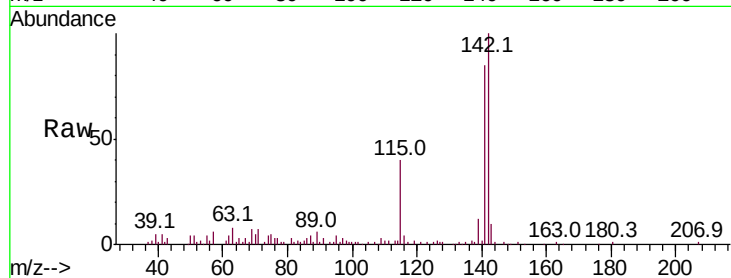
Tot Ion:142 Resp: 130742

Ion Ratio Lower Upper

142 100

141 85.2 71.4 107.2

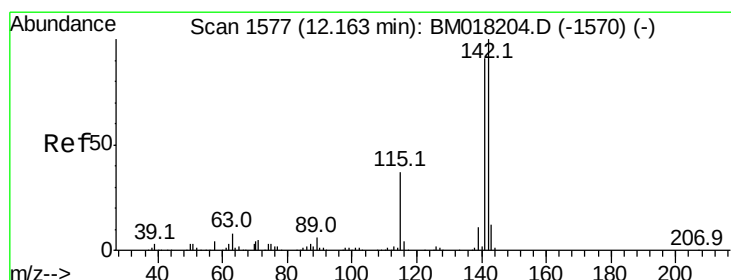
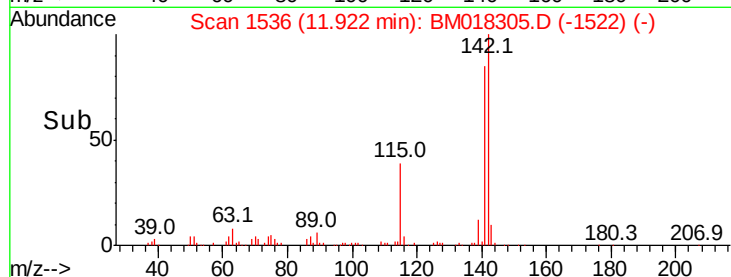
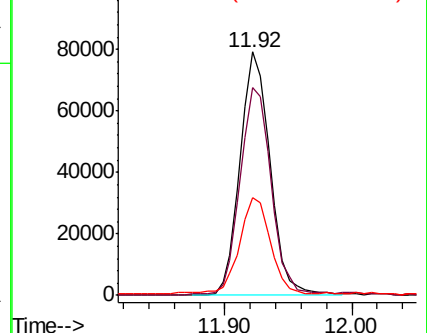
115 39.9 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 7.443 ng

RT: 12.15 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BM018305.D

Acq: 19 Dec 2018 20:24

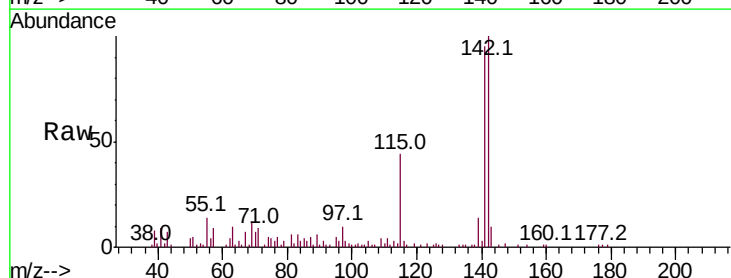
Tgt Ion:142 Resp: 74821

Ion Ratio Lower Upper

142 100

141 95.1 73.0 109.4

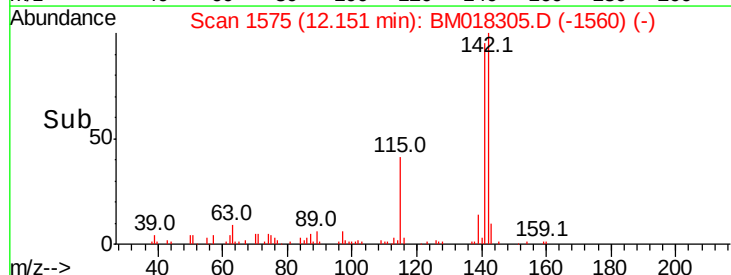
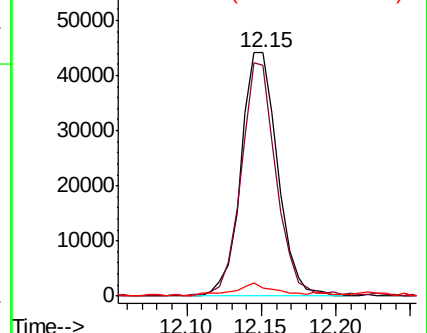
116 3.4 3.0 4.6

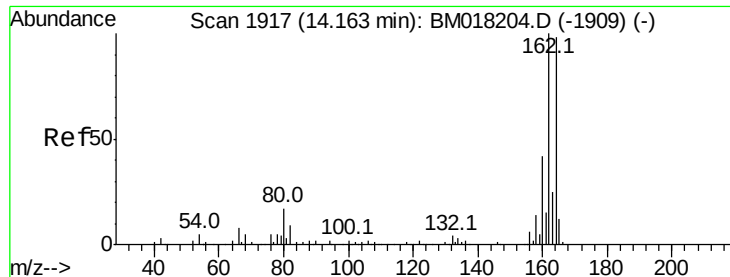


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.14 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018305.D

Acq: 19 Dec 2018 20:24

Instrument :

BNA_M

ClientSampleId :

P001-SS013B-3642-01

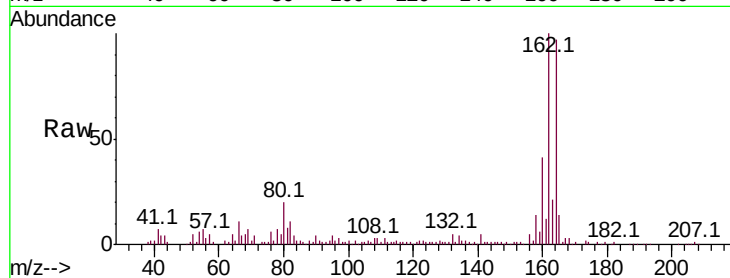
Tot Ion:164 Resp: 156518

Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

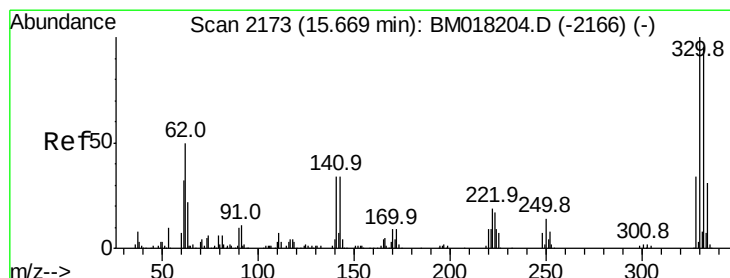
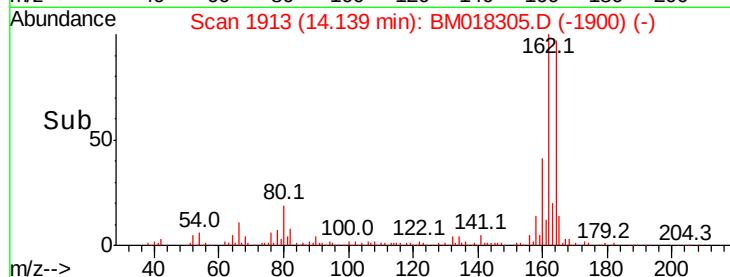
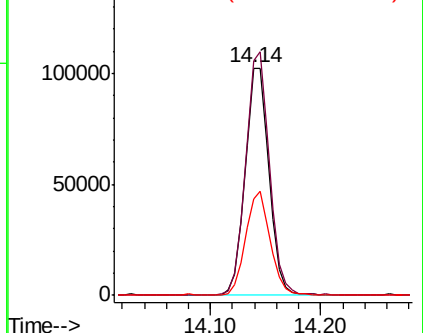
160 42.2 34.6 51.8



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: 118.359 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018305.D

Acq: 19 Dec 2018 20:24

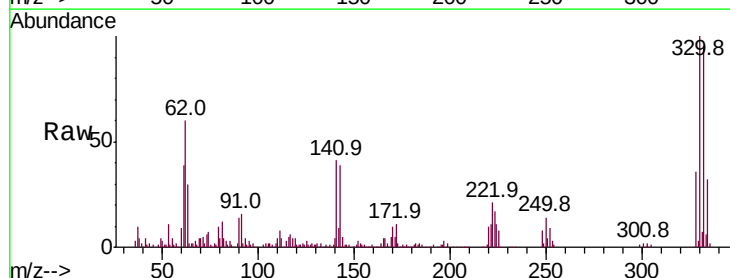
Tgt Ion:330 Resp: 271901

Ion Ratio Lower Upper

330 100

332 95.9 78.6 118.0

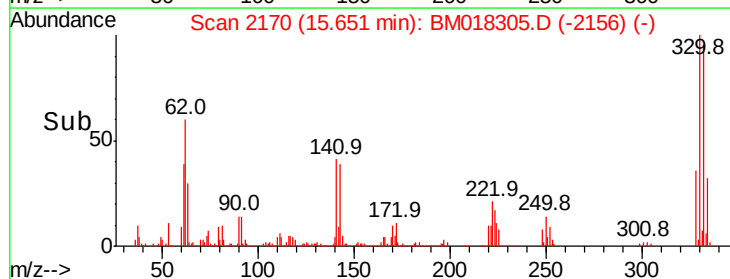
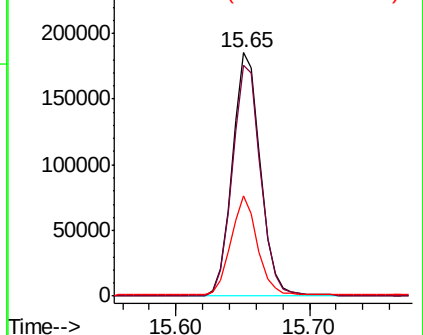
141 38.4 27.1 40.7

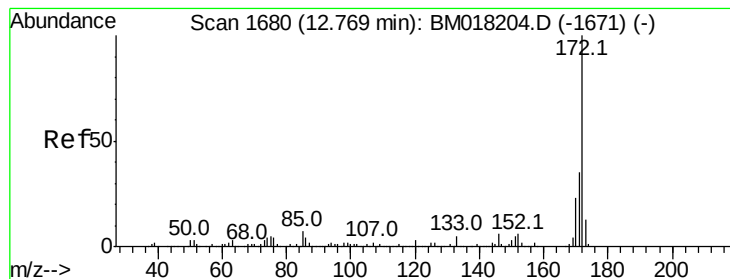


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



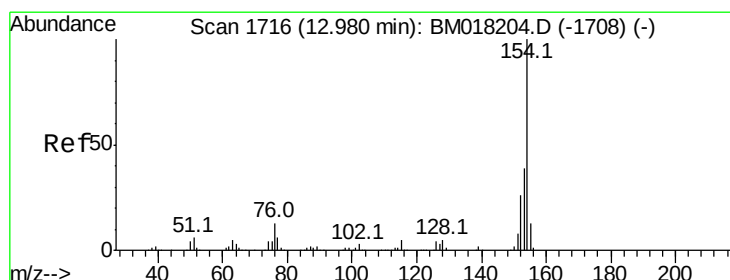
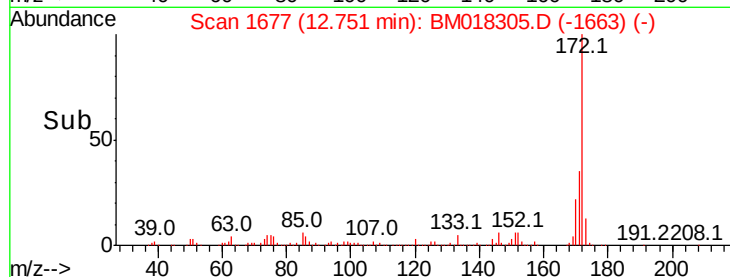
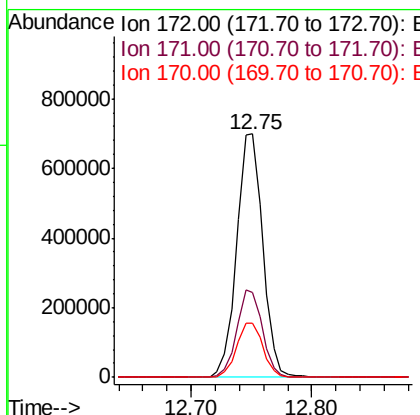
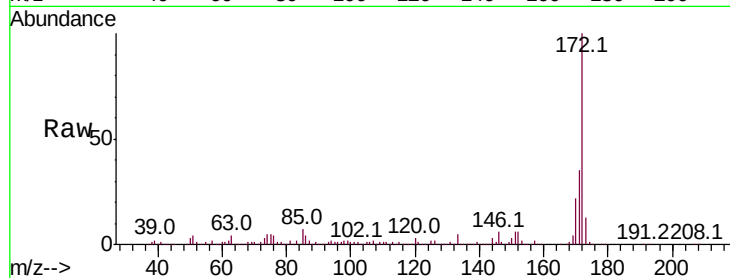


#45
 2-Fluorobiphenyl
 Concen: 87.221 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018305.D
 Acq: 19 Dec 2018 20:24

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013B-3642-01

Tot Ion:172 Resp: 1053987

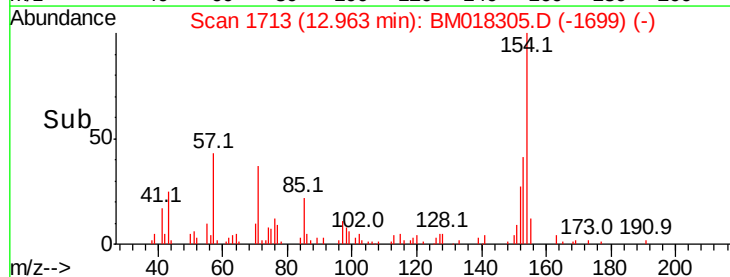
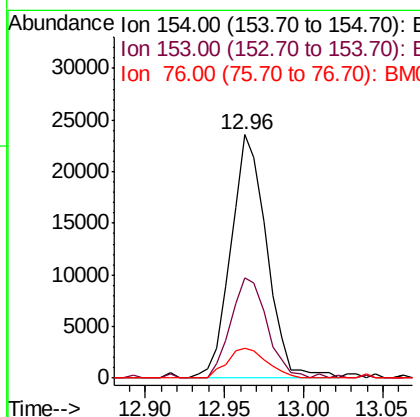
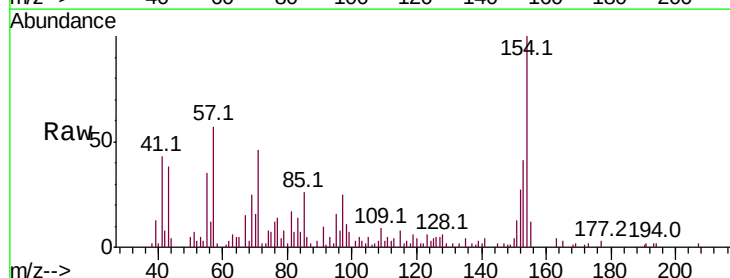
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.5	18.1	27.1

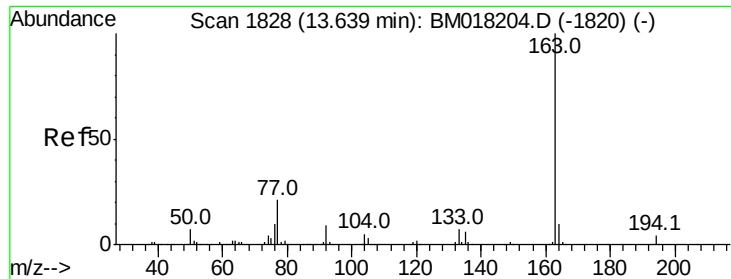


#46
 1,1'-Biphenyl
 Concen: 2.623 ng
 RT: 12.96 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BM018305.D
 Acq: 19 Dec 2018 20:24

Tgt Ion:154 Resp: 36939

Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.5	59.5
76	12.3	0.0	33.1

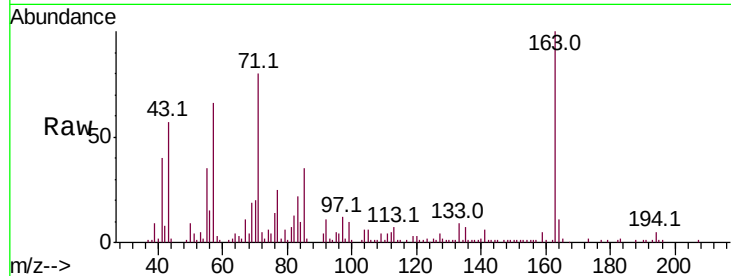




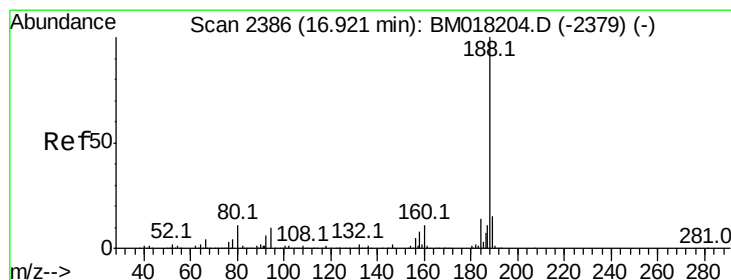
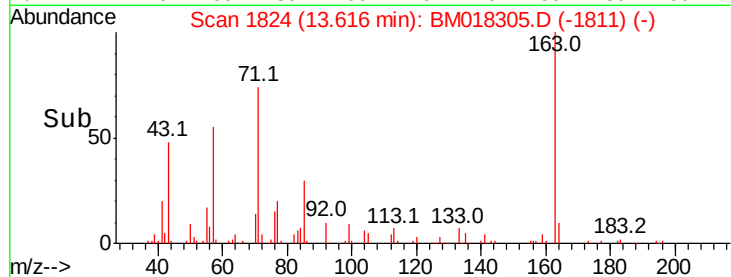
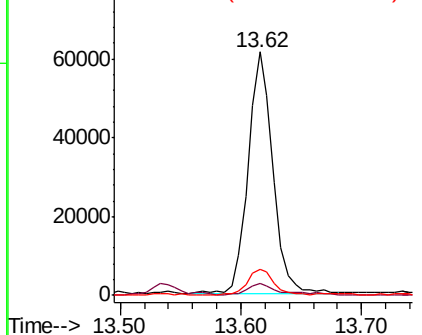
#50
Dimethylphthalate
Concen: 6.763 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018305.D
Acq: 19 Dec 2018 20:24

Instrument :
BNA_M
ClientSampleId :
P001-SS013B-3642-01

Tot Ion:163 Resp: 88005
Ion Ratio Lower Upper
163 100
194 5.1 3.1 4.7#
164 10.9 7.9 11.9

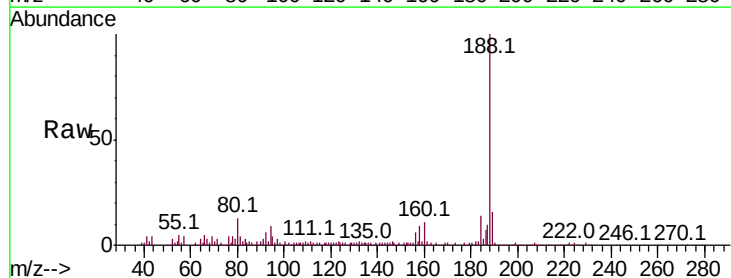


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

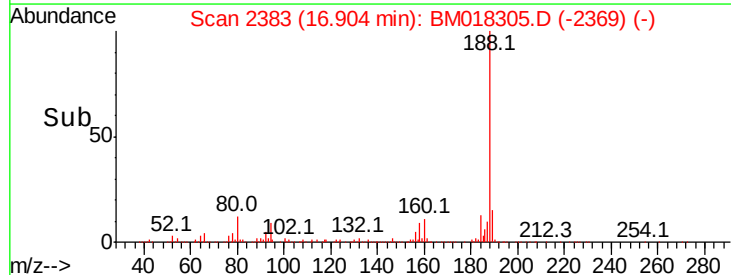
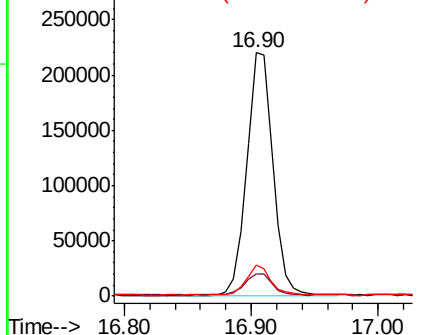


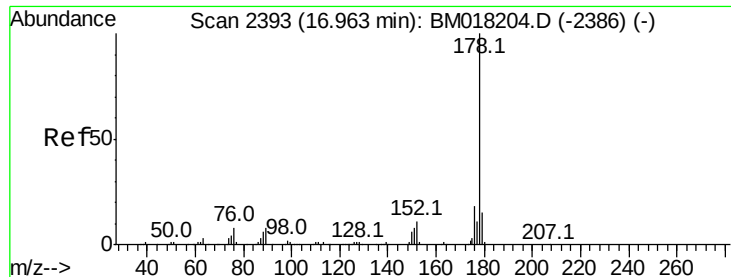
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018305.D
Acq: 19 Dec 2018 20:24

Tgt Ion:188 Resp: 317701
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 12.7 9.0 13.6



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

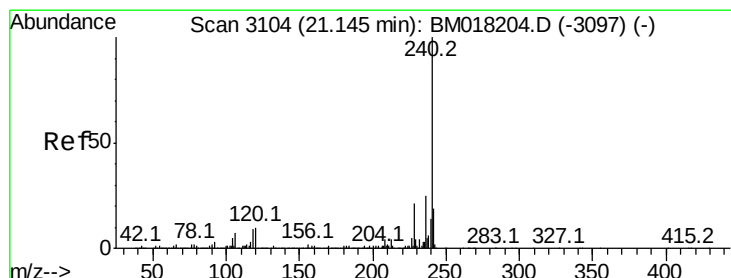
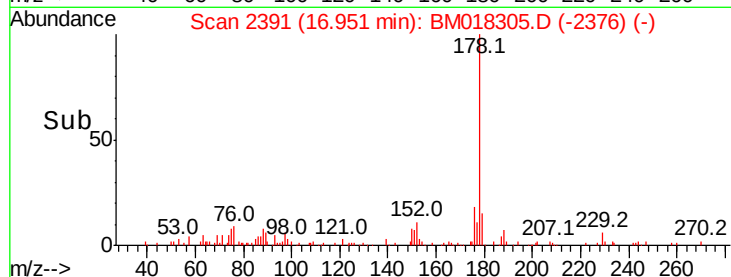
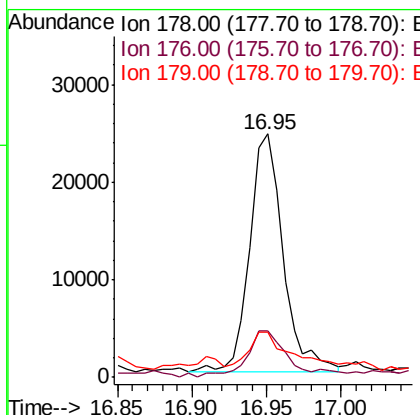
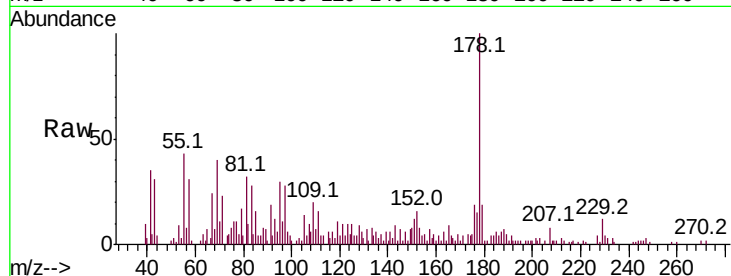




#71
Phenanthrene
Concen: 2.181 ng
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018305.D
Acq: 19 Dec 2018 20:24

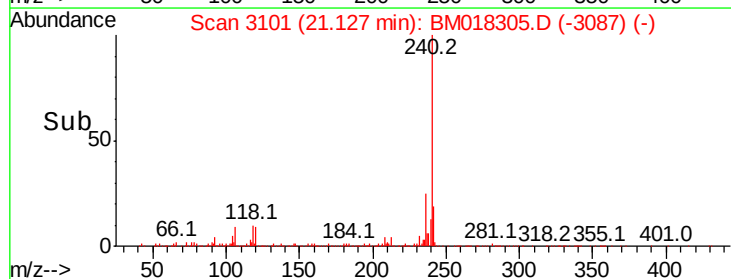
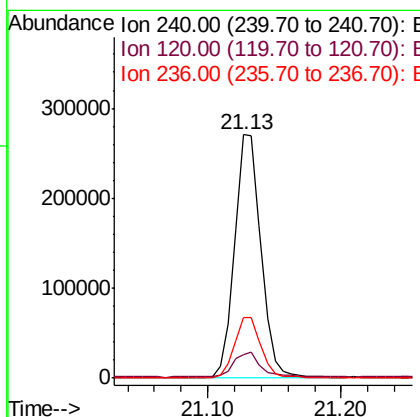
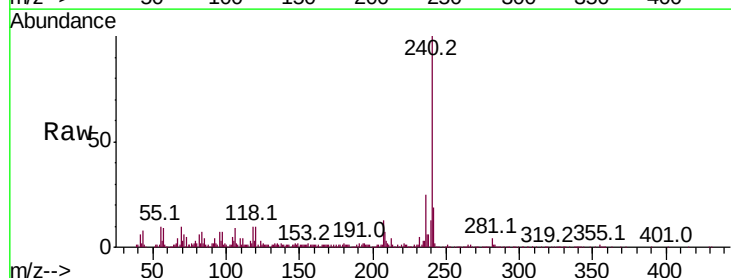
Instrument :
BNA_M
ClientSampleId :
P001-SS013B-3642-01

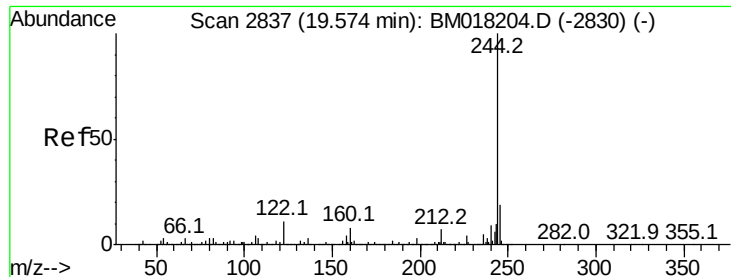
Tot Ion:178 Resp: 37629
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 18.7 12.0 18.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018305.D
Acq: 19 Dec 2018 20:24

Tgt Ion:240 Resp: 374054
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 24.7 20.3 30.5





#79

Terphenyl-d14

Concen: 88.500 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018305.D

Acq: 19 Dec 2018 20:24

Instrument :

BNA_M

ClientSampleId :

P001-SS013B-3642-01

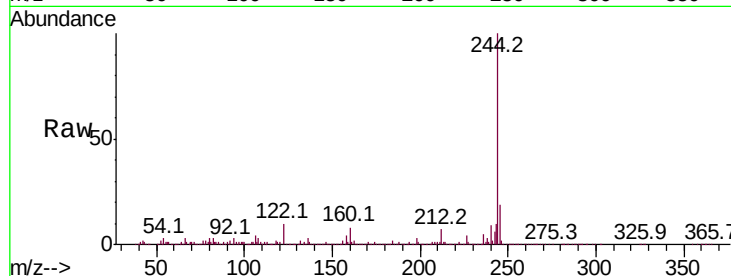
Tot Ion:244 Resp: 1463693

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

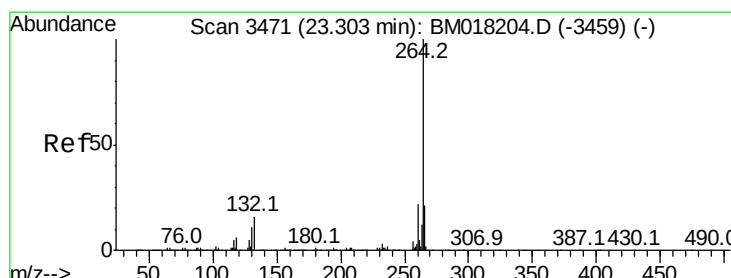
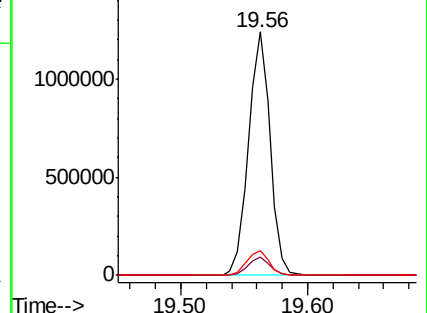
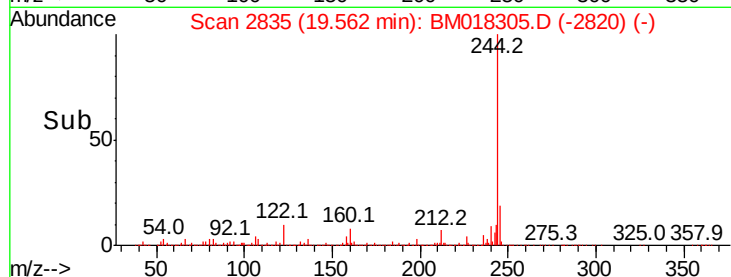
122 10.3 9.0 13.6



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: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018305.D

Acq: 19 Dec 2018 20:24

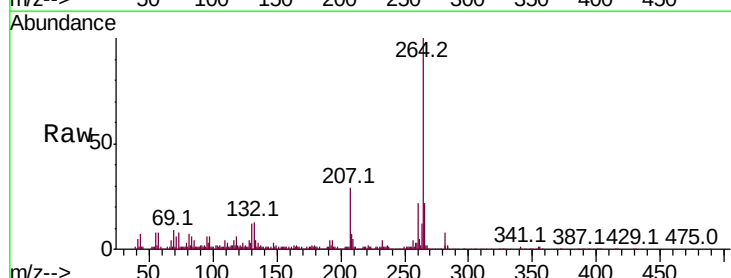
Tgt Ion:264 Resp: 440249

Ion Ratio Lower Upper

264 100

260 21.9 17.5 26.3

265 21.5 17.3 25.9



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

