

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
 Data File : BM018710.D
 Acq On : 01 Feb 2019 17:37
 Operator : JU/SJ
 Sample : K1307-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 013019-SIDI-E-U-M

Quant Time: Feb 01 22:19:25 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

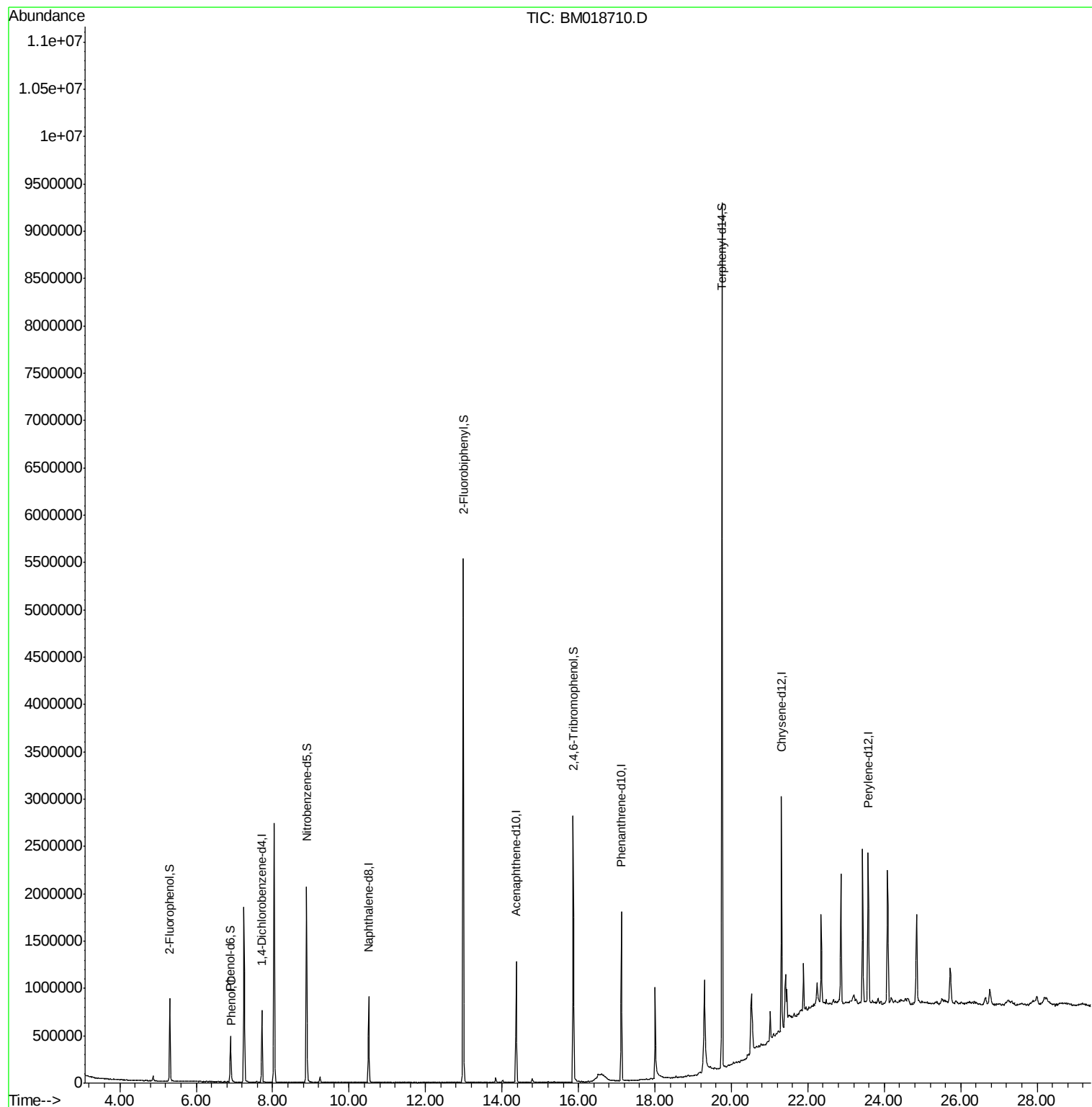
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	200404	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	757218	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	428063	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	994955	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	1098515	20.00	ng	-0.02
87) Perylene-d12	23.58	264	1133078	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	367607	33.87	ng	-0.02
7) Phenol-d6	6.89	99	272847	19.79	ng	-0.02
23) Nitrobenzene-d5	8.89	82	1166531	89.31	ng	-0.02
42) 2,4,6-Tribromophenol	15.87	330	507620	93.13	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	2826790	86.17	ng	-0.02
79) Terphenyl-d14	19.76	244	4093846	78.56	ng	-0.01
Target Compounds						
10) Phenol	6.92	94	34309	2.449	ng	Qvalue 99

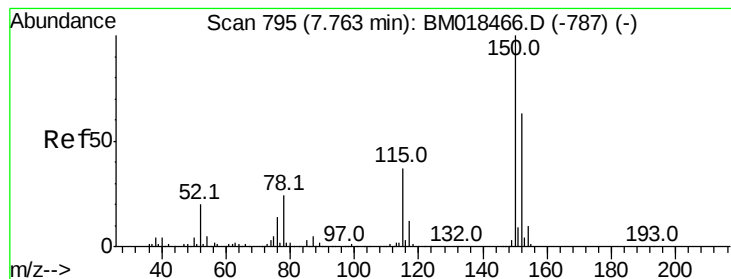
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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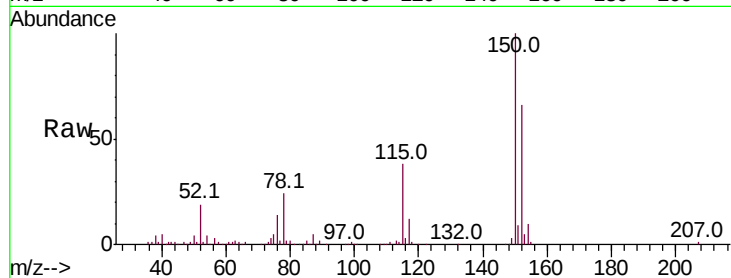


#1

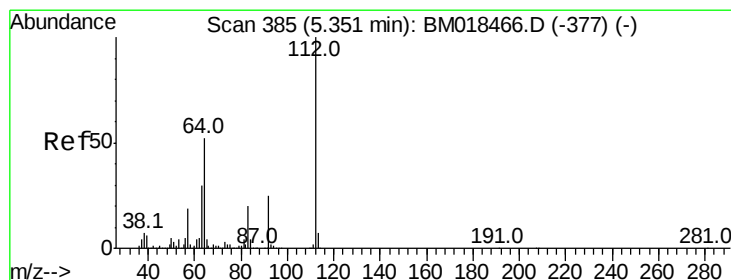
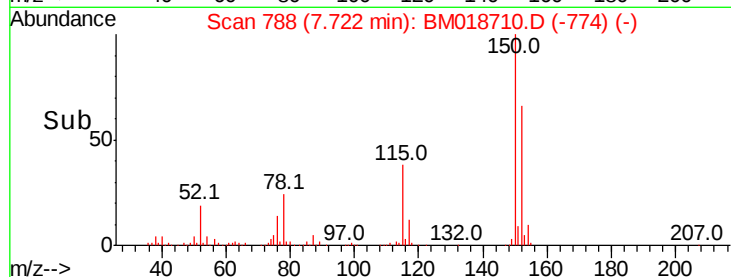
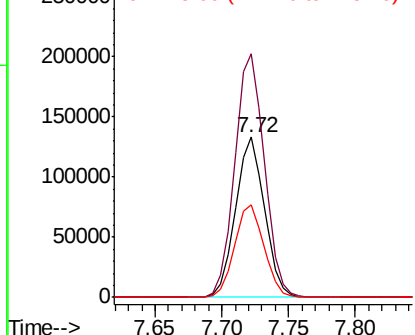
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

Instrument :
BNA_M
ClientSampleId :
013019-SIDI-E-U-M

Tot Ion:152 Resp: 200404
Ion Ratio Lower Upper
152 100
150 152.2 126.9 190.3
115 57.9 45.5 68.3



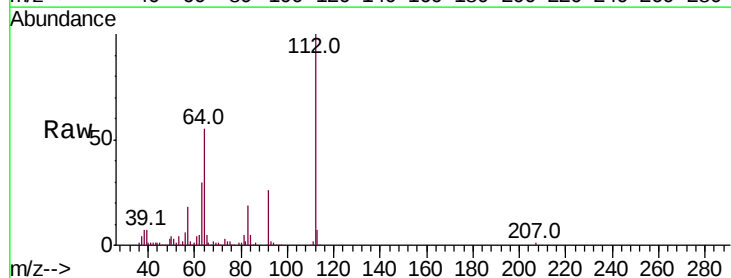
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



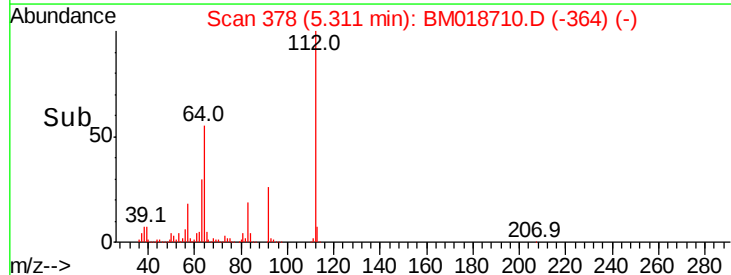
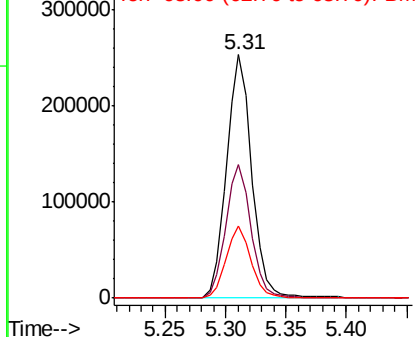
#5

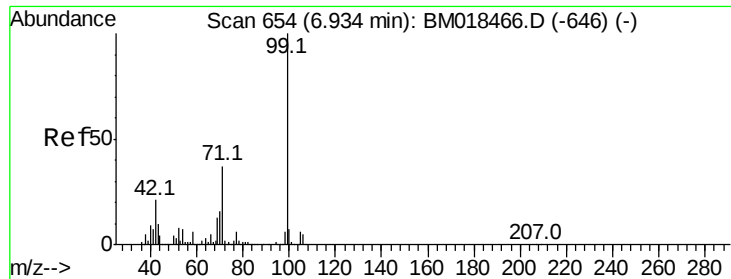
2-Fluorophenol
Concen: 33.871 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

Tgt Ion:112 Resp: 367607
Ion Ratio Lower Upper
112 100
64 54.8 46.5 69.7
63 29.5 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: 19.793 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018710.D

Acq: 01 Feb 2019 17:37

Instrument :

BNA_M

ClientSampleId :

013019-SIDI-E-U-M

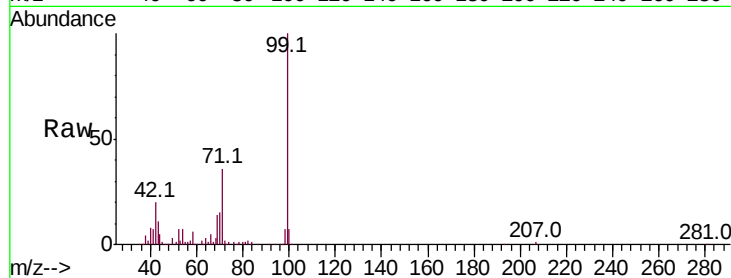
Tot Ion: 99 Resp: 272847

Ion Ratio Lower Upper

99 100

42 20.3 17.3 25.9

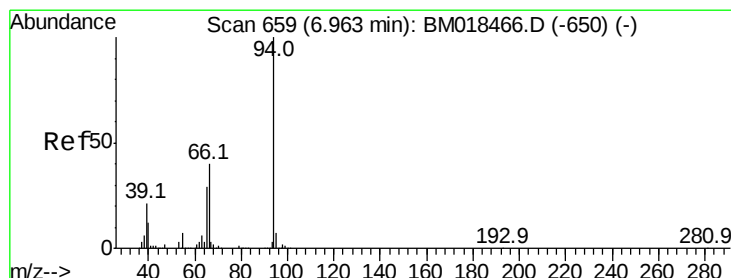
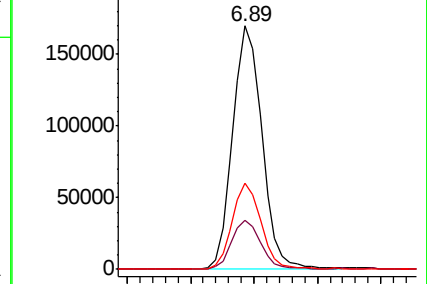
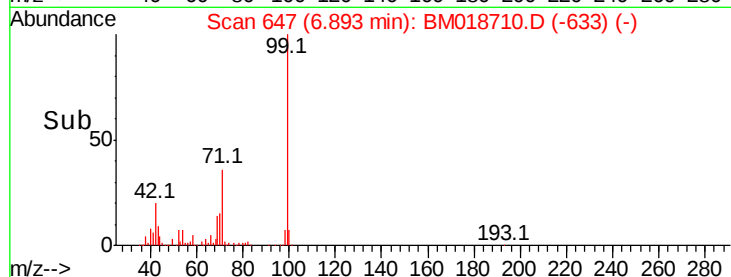
71 35.6 28.0 42.0



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: 2.449 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM018710.D

Acq: 01 Feb 2019 17:37

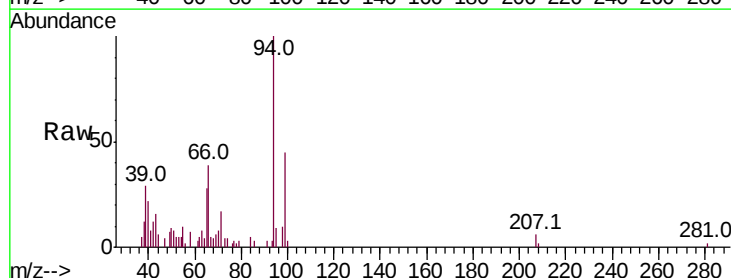
Tgt Ion: 94 Resp: 34309

Ion Ratio Lower Upper

94 100

65 28.3 9.4 49.4

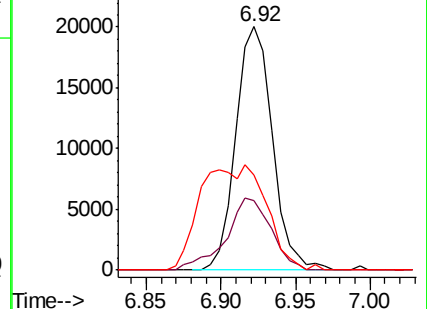
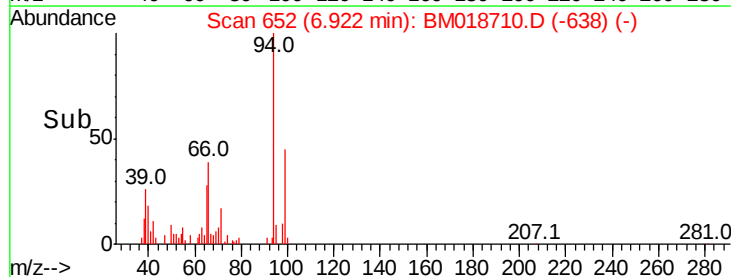
66 39.0 19.1 59.1

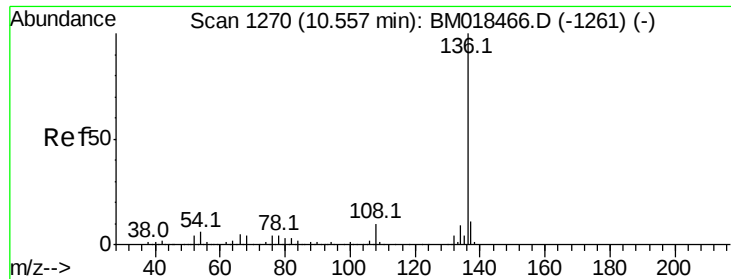


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

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

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

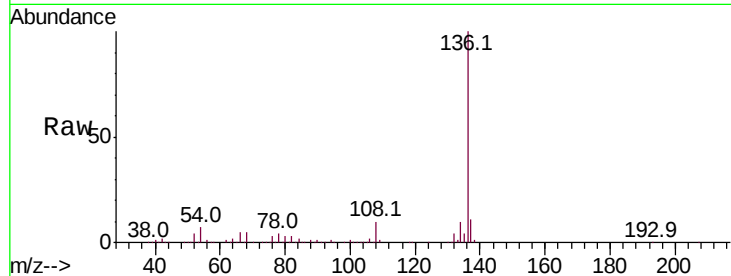




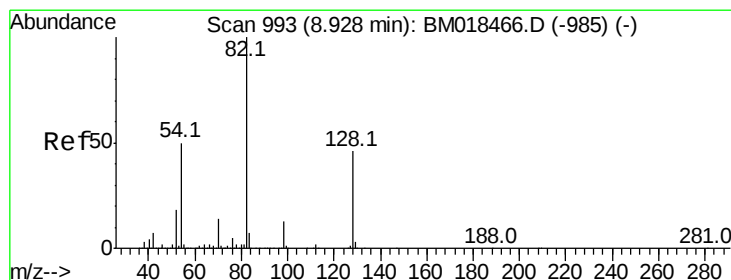
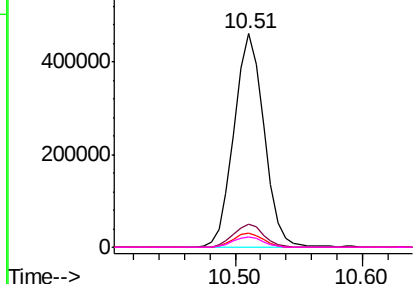
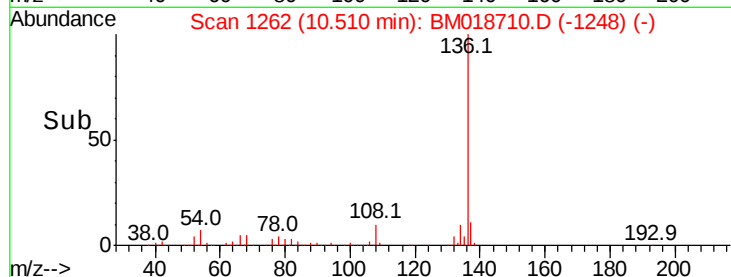
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

Instrument :
BNA_M
ClientSampleId :
013019-SIDI-E-U-M

Tot Ion:136	Resp:	757218
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.5	12.7
54 6.6	6.0	9.0
68 4.5	4.5	6.7

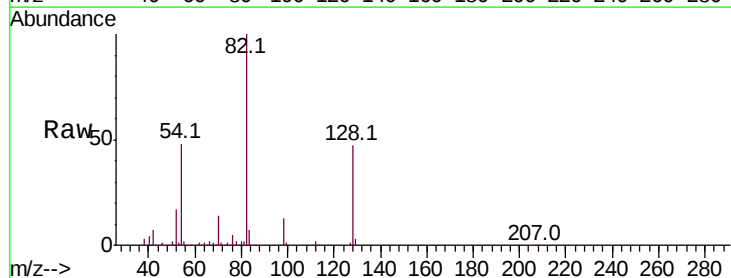


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

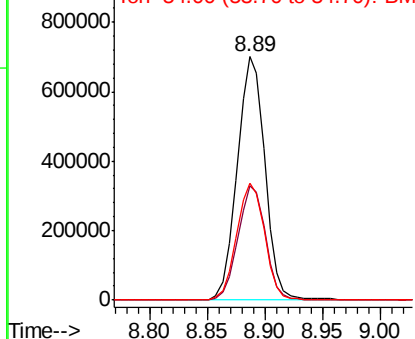
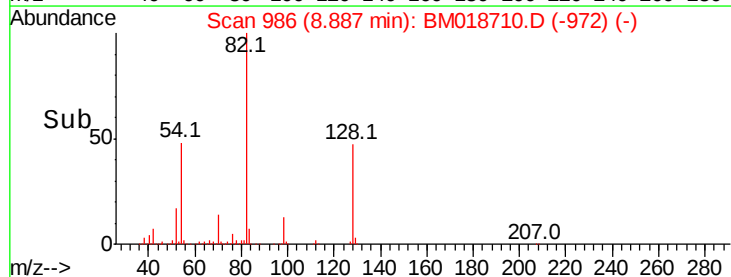


#23
Nitrobenzene-d5
Concen: 89.307 ng
RT: 8.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

Tgt Ion: 82	Resp: 1166531
Ion Ratio	Lower Upper
82 100	
128 46.7	36.3 54.5
54 48.3	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# 1918

Delta R.T. -0.02 min

Lab File: BM018710.D

Acq: 01 Feb 2019 17:37

Instrument :

BNA_M

ClientSampleId :

013019-SIDI-E-U-M

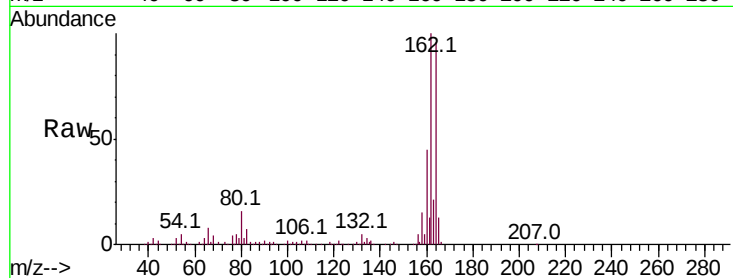
Tot Ion:164 Resp: 428063

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.4

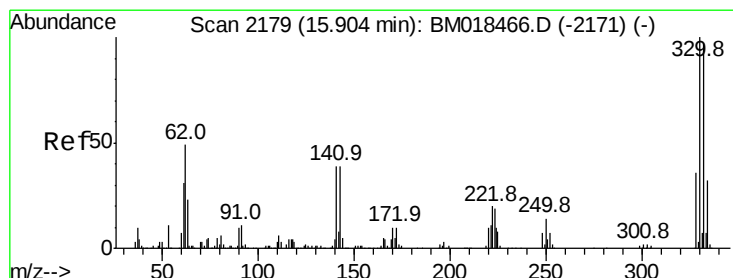
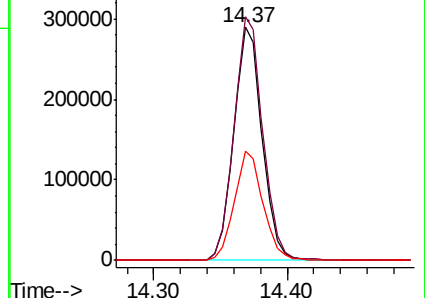
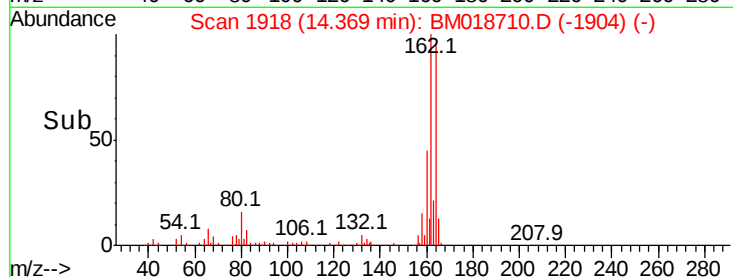
160 47.0 37.1 55.7



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: 93.134 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM018710.D

Acq: 01 Feb 2019 17:37

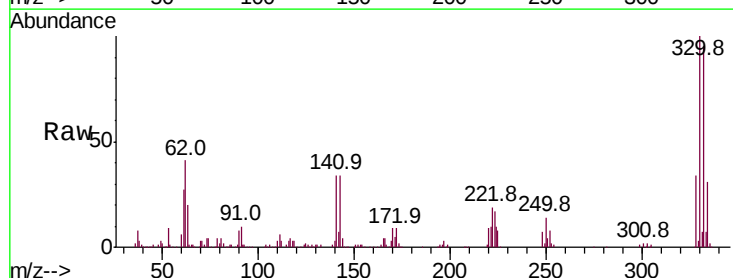
Tgt Ion:330 Resp: 507620

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

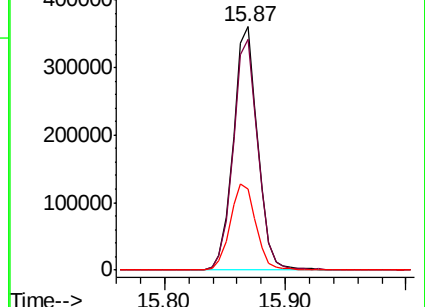
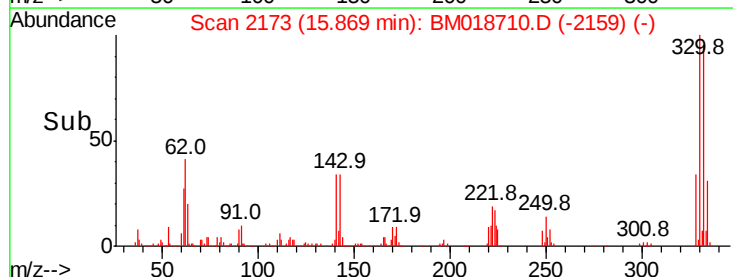
141 37.3 31.7 47.5

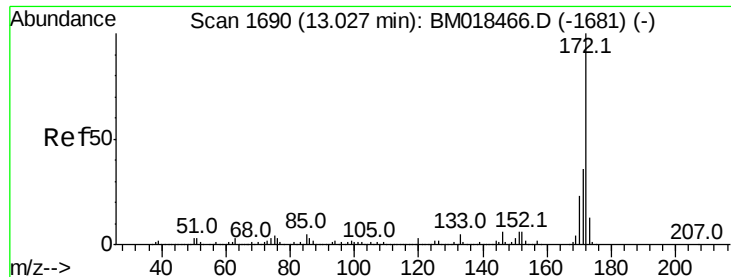


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

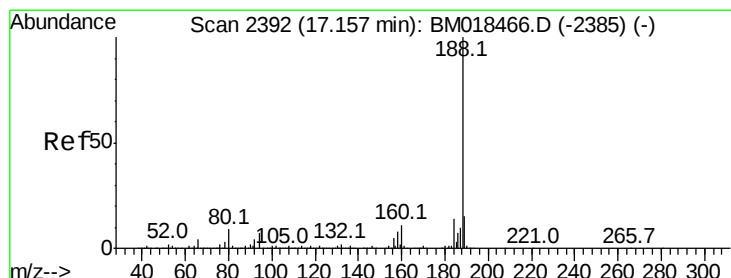
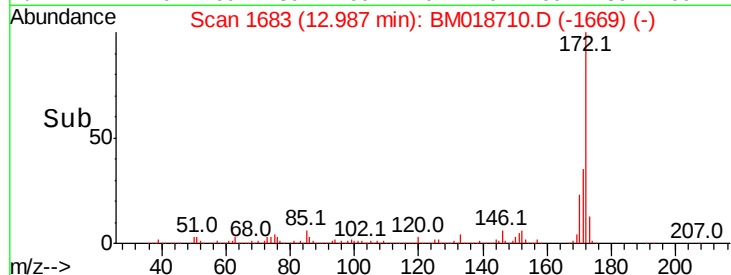
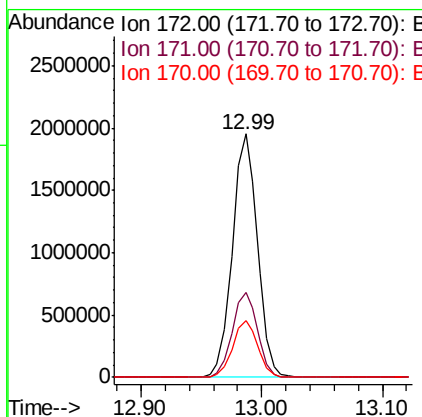
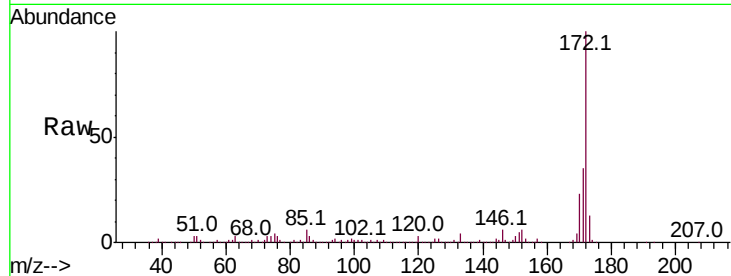




#45
2-Fluorobiphenyl
Concen: 86.169 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

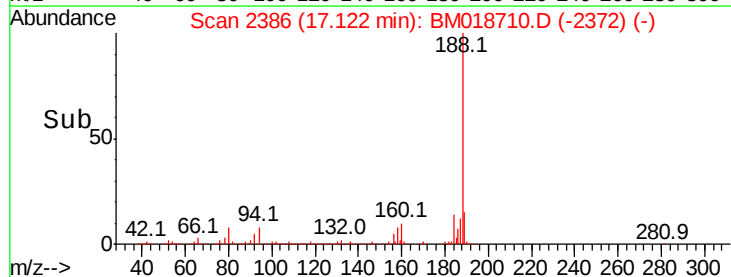
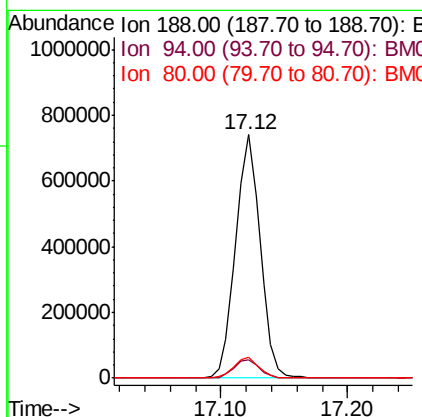
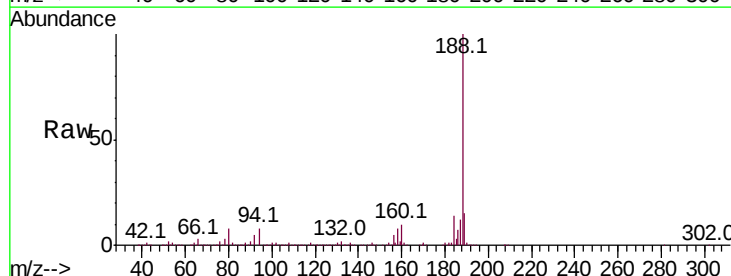
Instrument :
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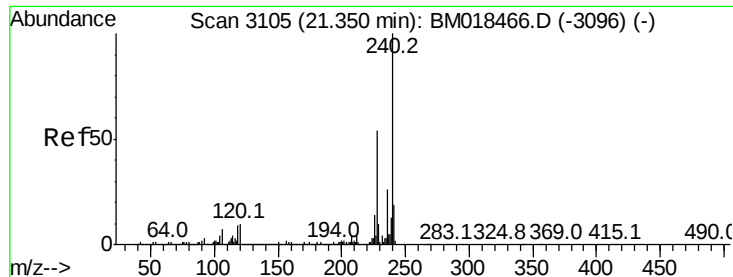
Tot Ion:172 Resp: 2826790
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.1 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

Tgt Ion:188 Resp: 994955
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 8.3 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018710.D

Acq: 01 Feb 2019 17:37

Instrument :

BNA_M

ClientSampleId :

013019-SIDI-E-U-M

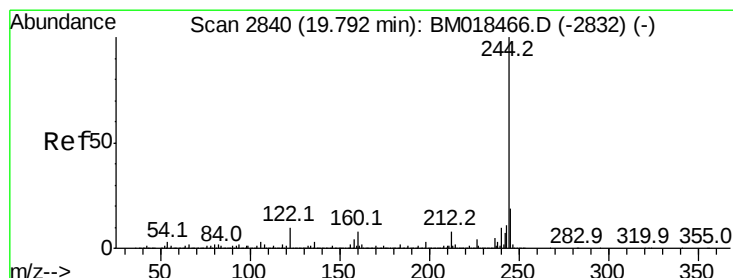
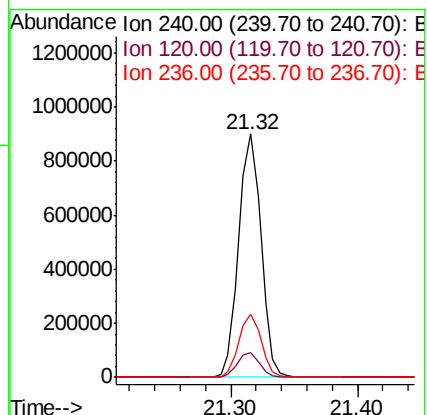
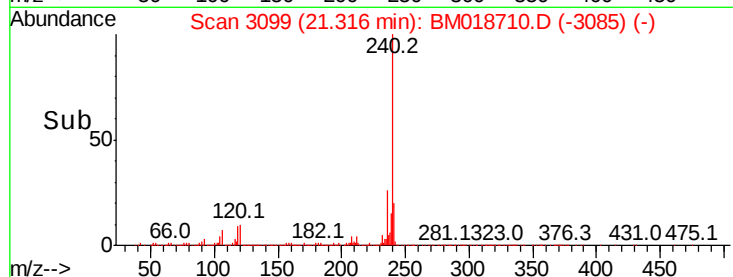
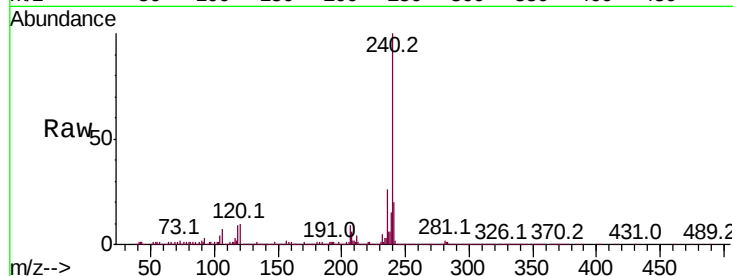
Tot Ion:240 Resp: 1098515

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

236 25.8 20.7 31.1



#79

Terphenyl-d14

Concen: 78.560 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018710.D

Acq: 01 Feb 2019 17:37

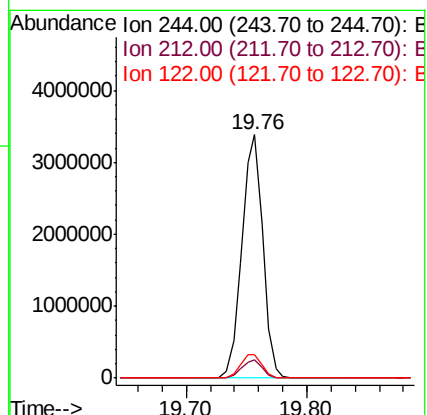
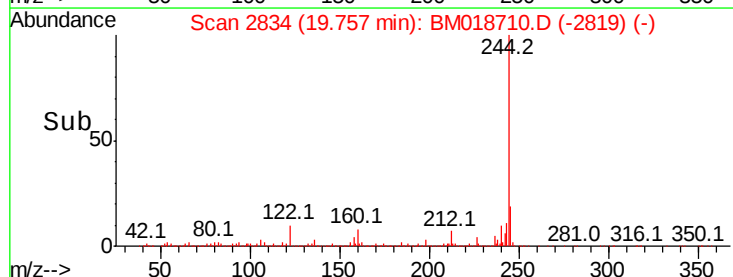
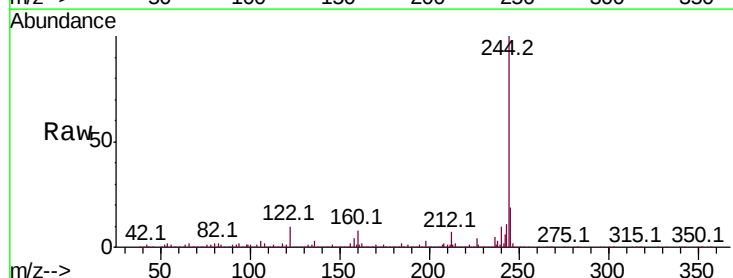
Tgt Ion:244 Resp: 4093846

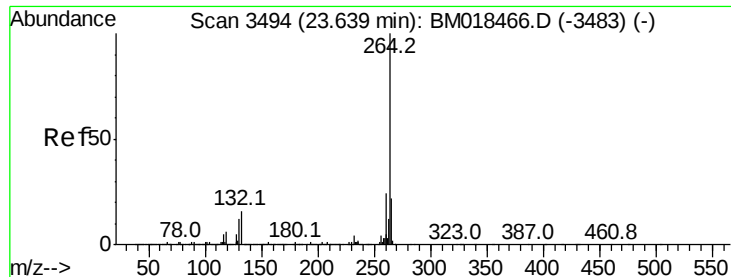
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 9.8 9.0 13.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.58 min Scan# 3484

Delta R.T. -0.02 min

Lab File: BM018710.D

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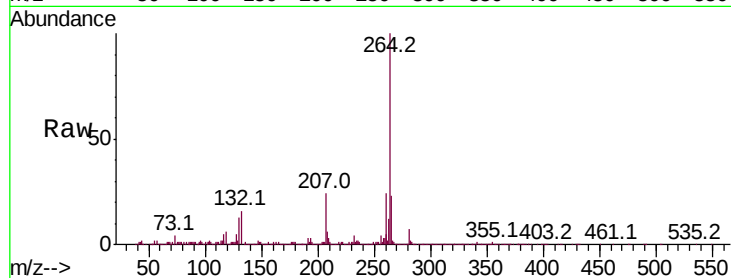
Tot Ion:264 Resp: 1133078

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.7 16.8 25.2



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

