

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011519\
 Data File : BM018568.D
 Acq On : 15 Jan 2019 19:29
 Operator : JU/SJ
 Sample : K1139-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-4

Quant Time: Jan 16 00:07:19 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

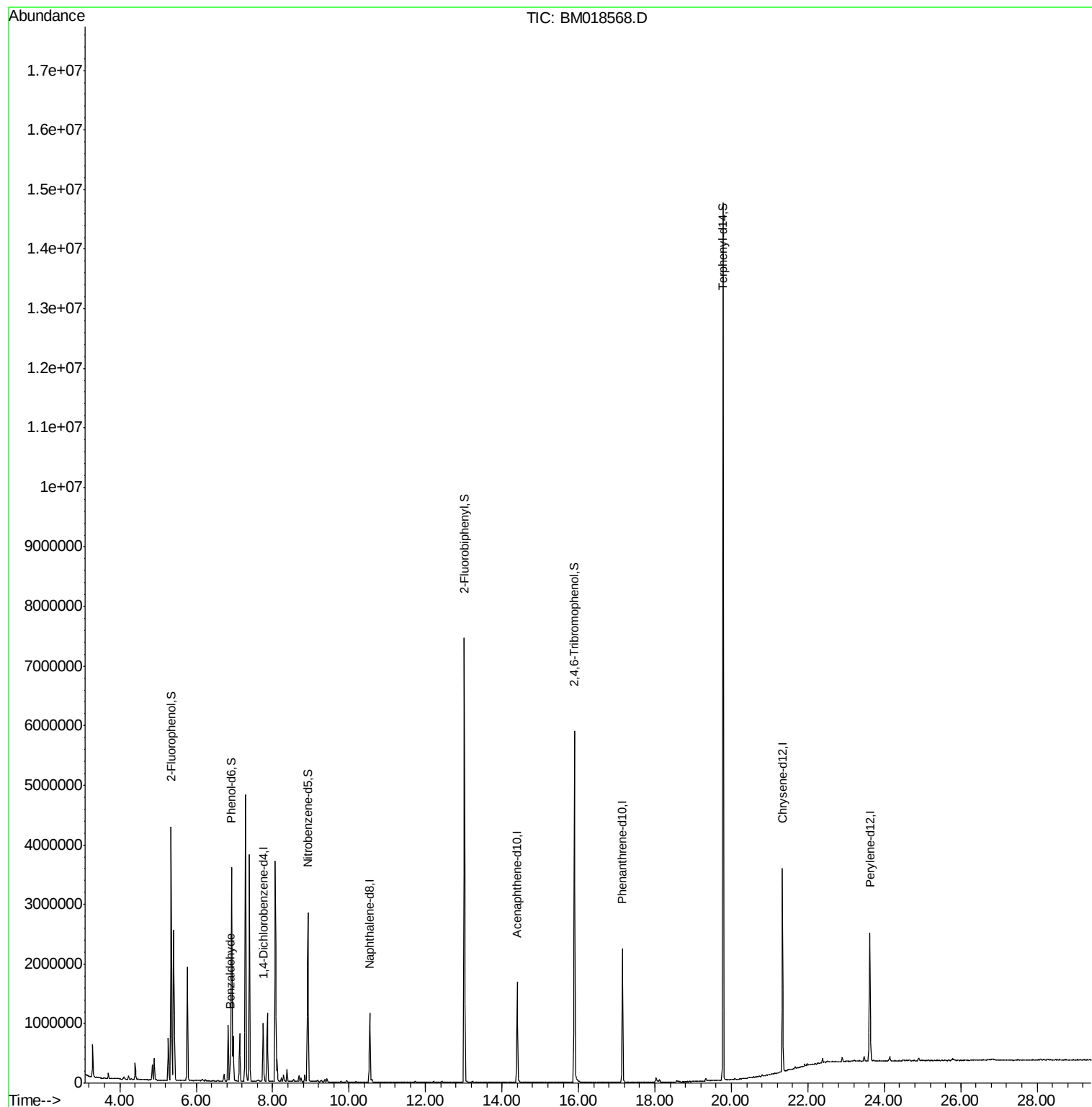
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	258945	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	988840	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	548741	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1325905	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1524371	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1561758	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1721575	122.76	ng	0.00
7) Phenol-d6	6.93	99	1884718	105.81	ng	0.00
23) Nitrobenzene-d5	8.92	82	1556905	91.27	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1067982	152.85	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3813482	90.68	ng	0.00
79) Terphenyl-d14	19.79	244	6733226	93.11	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	29257	2.092	ng	Qvalue # 1

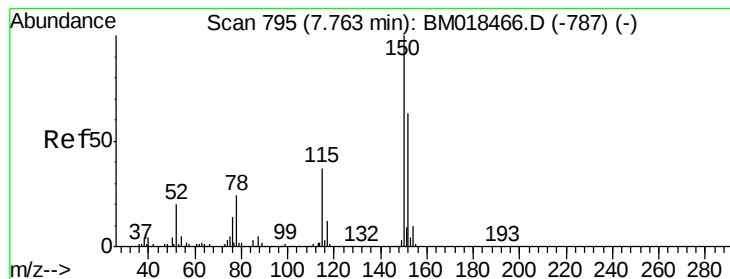
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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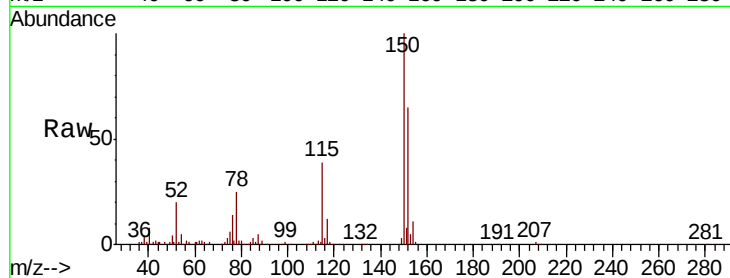


#1

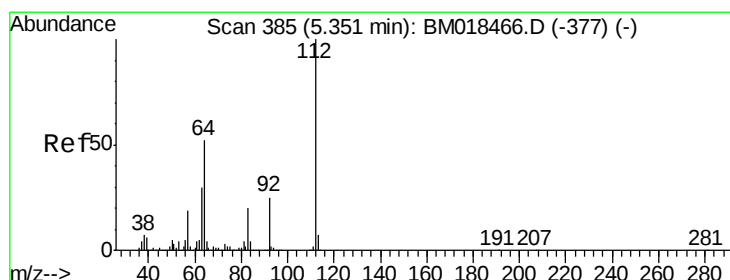
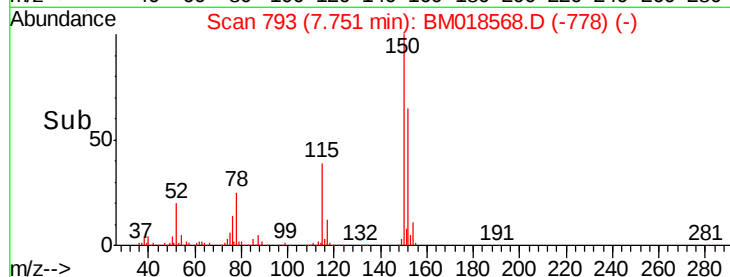
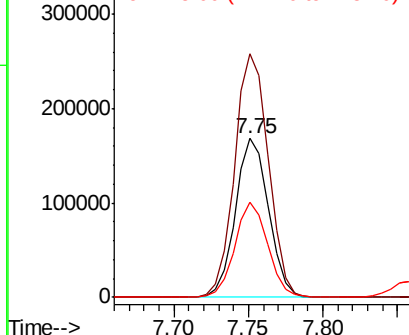
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018568.D
Acq: 15 Jan 2019 19:29

Instrument :
BNA_M
ClientSampleId :
S-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.9	190.3
115	60.3	45.5	68.3



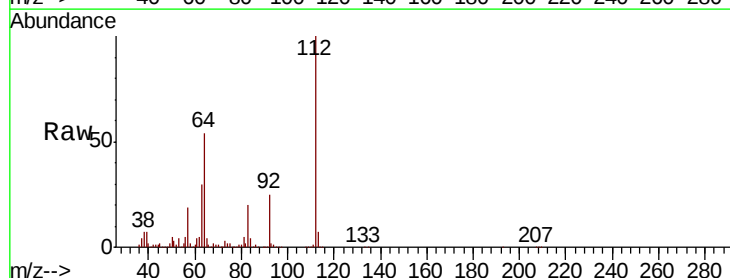
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



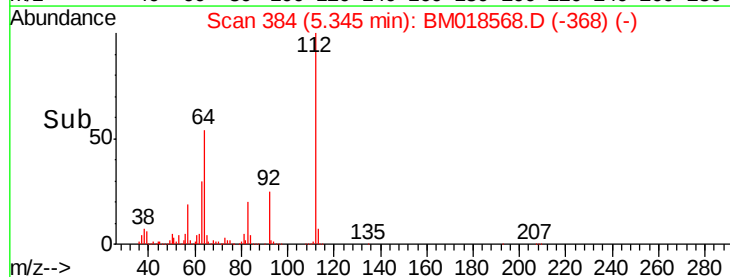
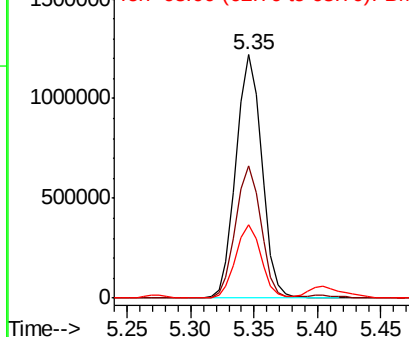
#5

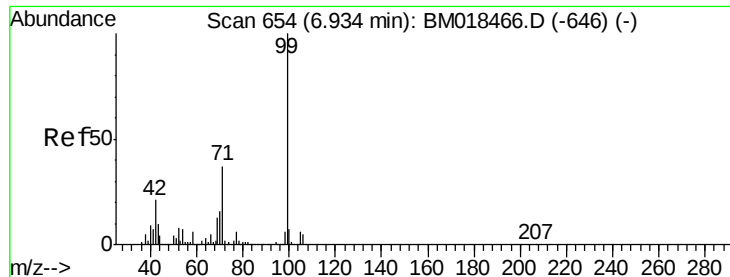
2-Fluorophenol
Concen: 122.763 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018568.D
Acq: 15 Jan 2019 19:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.5	69.7
63	30.3	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: 105.814 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018568.D

Acq: 15 Jan 2019 19:29

Instrument :

BNA_M

ClientSampleId :

S-4

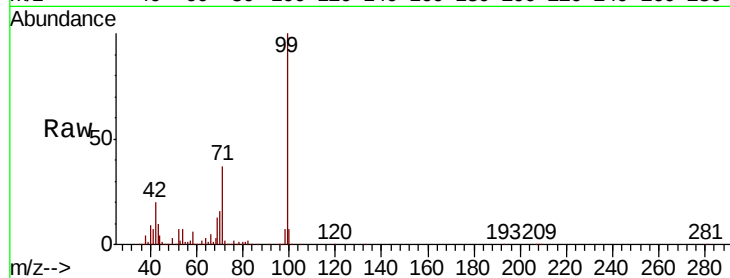
Tgt Ion: 99 Resp: 1884718

Ion Ratio Lower Upper

99 100

42 20.4 17.3 25.9

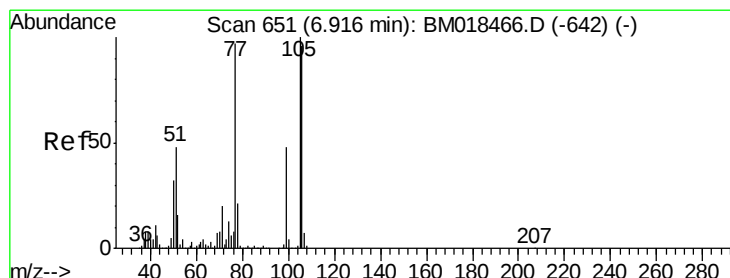
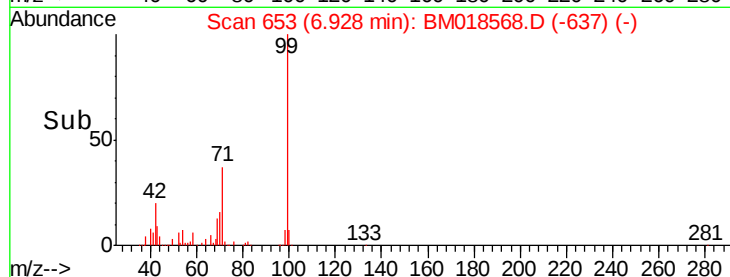
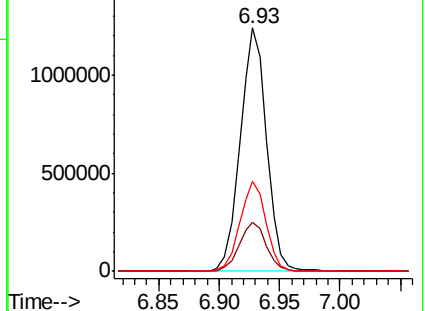
71 37.0 28.0 42.0



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) (-)



#9

Benzaldehyde

Concen: 2.092 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018568.D

Acq: 15 Jan 2019 19:29

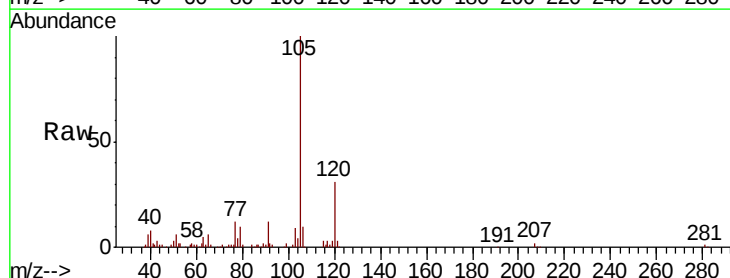
Tgt Ion: 77 Resp: 29257

Ion Ratio Lower Upper

77 100

105 800.6 79.7 119.7#

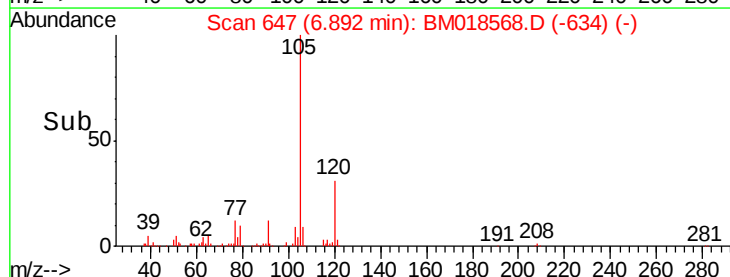
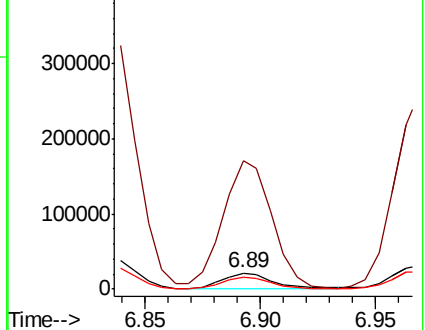
106 76.7 75.2 115.2

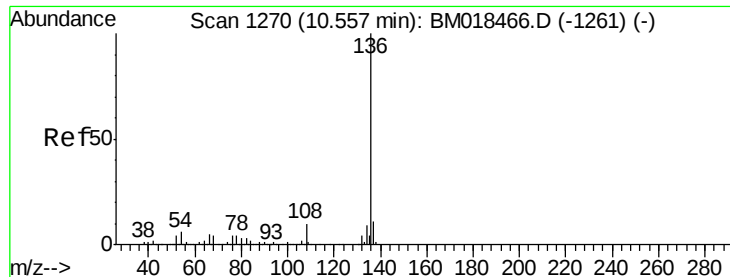


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM018466.D (-642) (-)

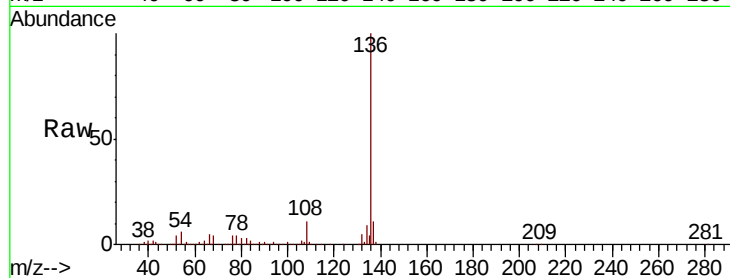




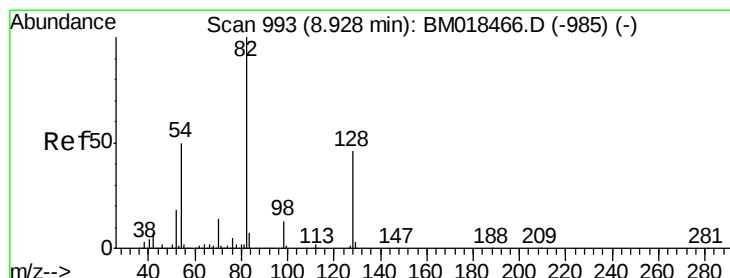
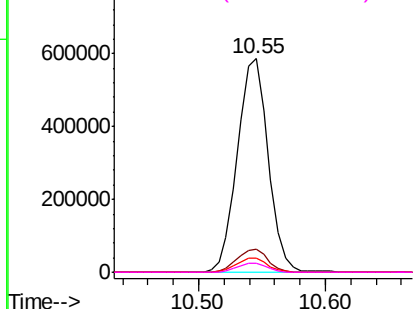
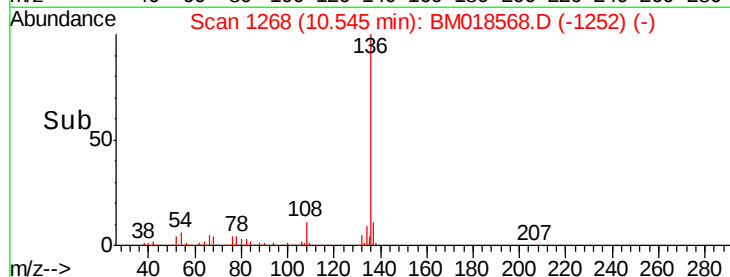
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018568.D
Acq: 15 Jan 2019 19:29

Instrument :
BNA_M
ClientSampled :
S-4

Tgt Ion:	136	Resp:	988840
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.3	6.0	9.0
68	4.2	4.5	6.7#

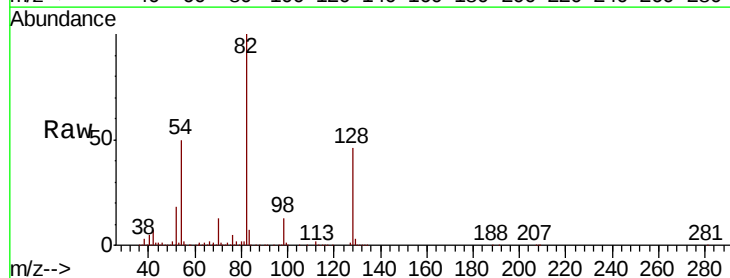


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

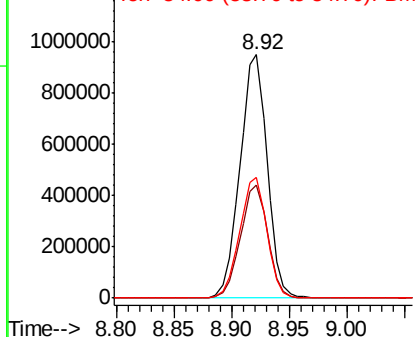
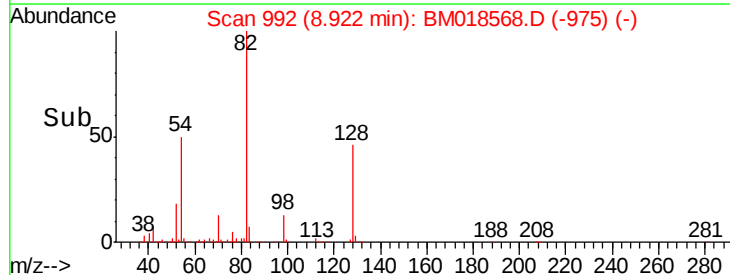


#23
Nitrobenzene-d5
Concen: 91.274 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018568.D
Acq: 15 Jan 2019 19:29

Tgt Ion:	82	Resp:	1556905
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	49.5	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: 14.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM018568.D

Acq: 15 Jan 2019 19:29

Instrument :

BNA_M

ClientSampled :

S-4

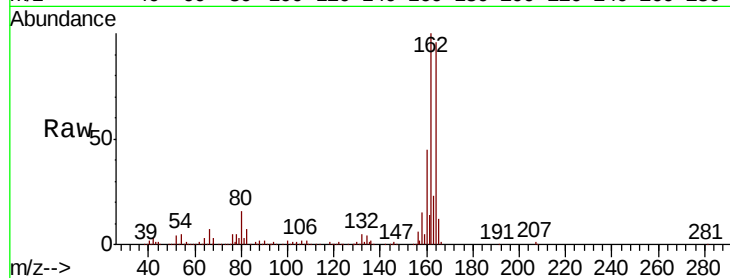
Tgt Ion:164 Resp: 548741

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.4

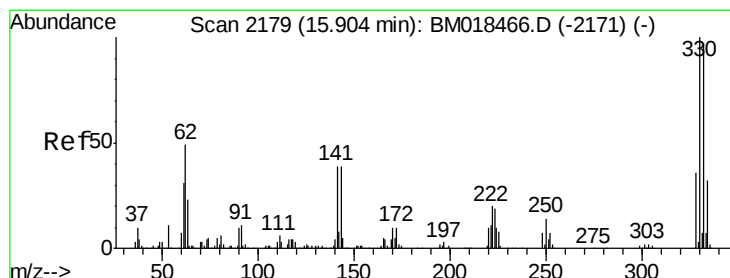
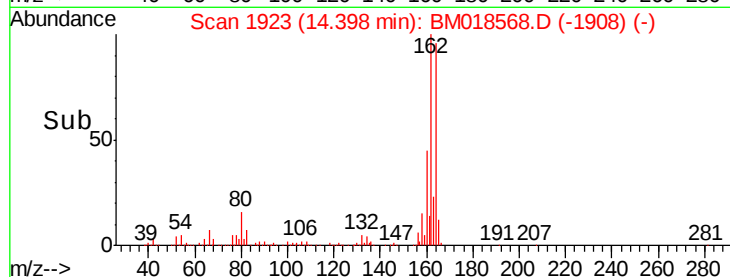
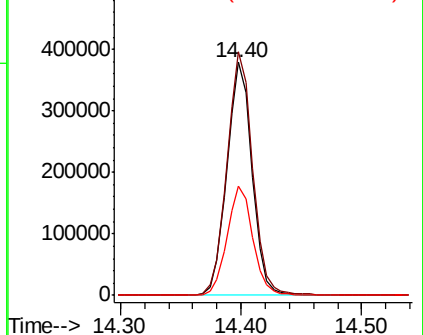
160 47.1 37.1 55.7



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: 152.853 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM018568.D

Acq: 15 Jan 2019 19:29

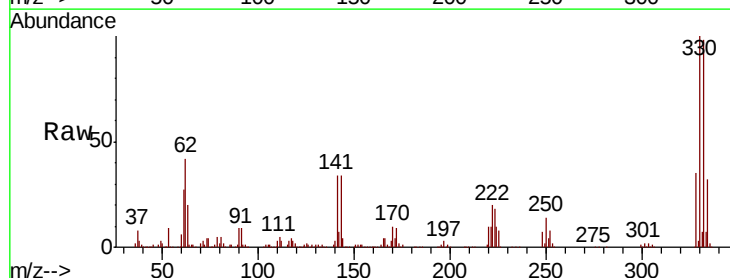
Tgt Ion:330 Resp: 1067982

Ion Ratio Lower Upper

330 100

332 97.1 77.6 116.4

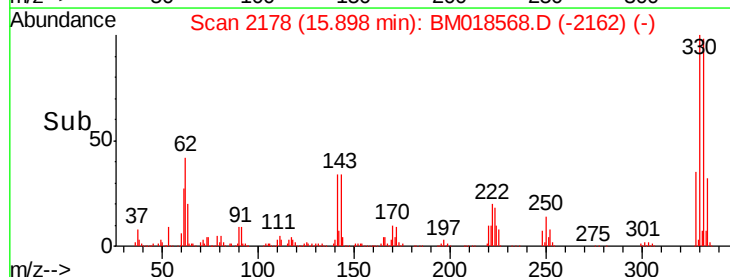
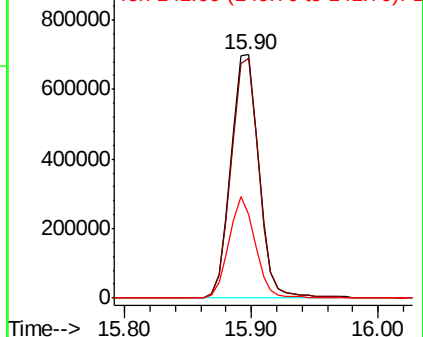
141 39.2 31.7 47.5

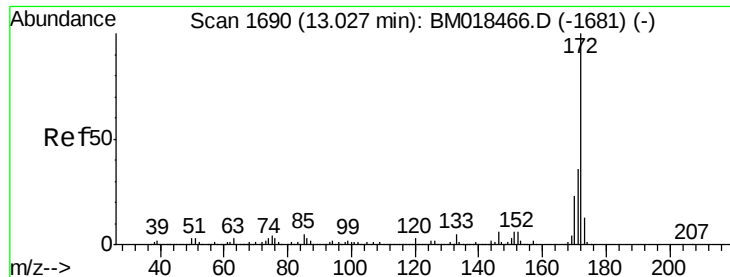


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

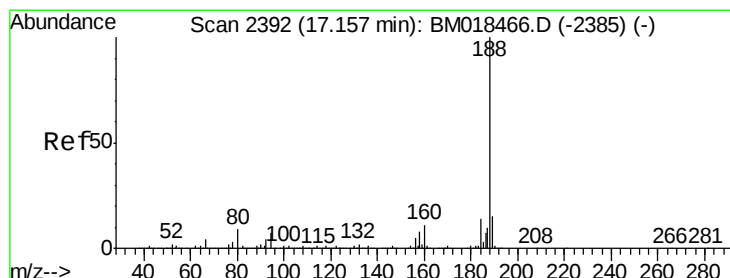
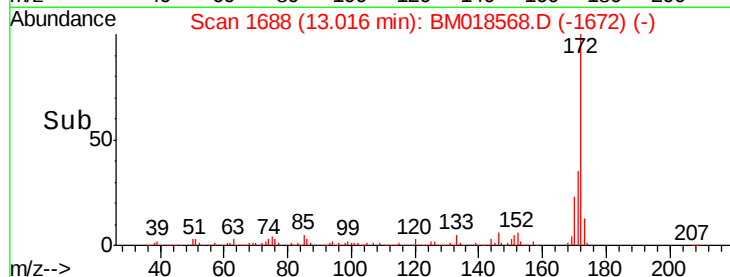
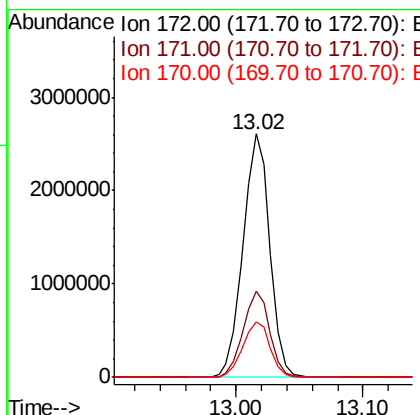
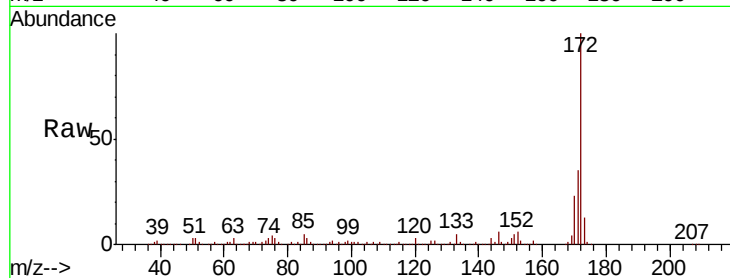




#45
2-Fluorobiphenyl
Concen: 90.682 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM018568.D
Acq: 15 Jan 2019 19:29

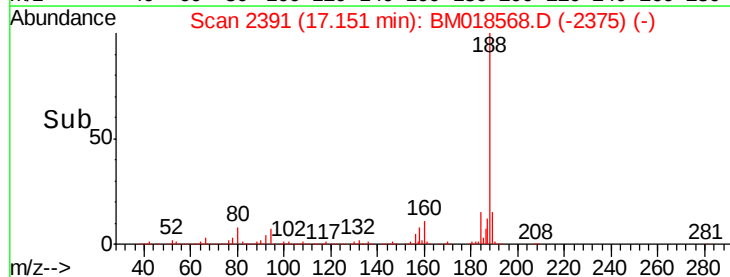
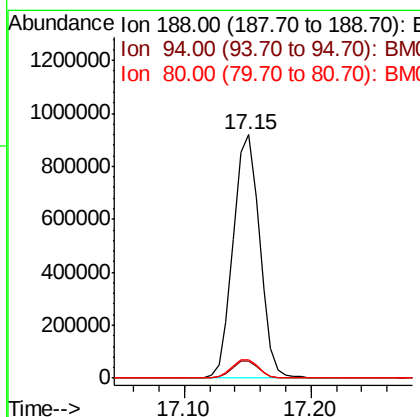
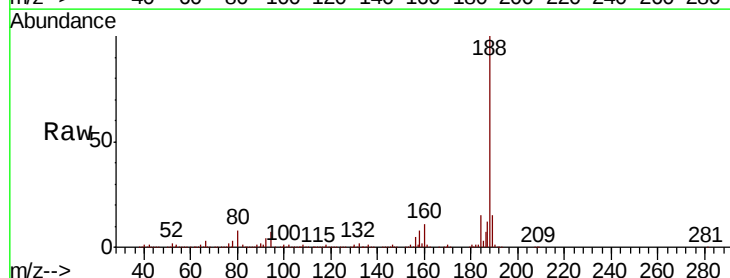
Instrument :
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S-4

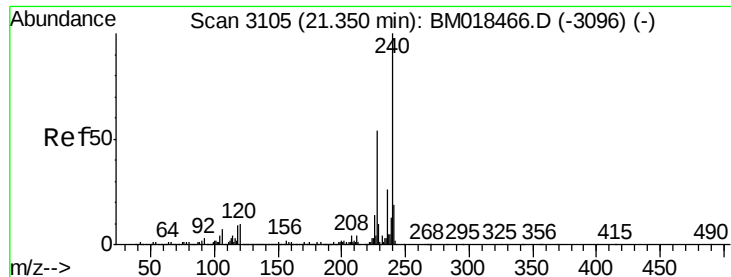
Tgt Ion:172 Resp: 3813482
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 22.9 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018568.D
Acq: 15 Jan 2019 19:29

Tgt Ion:188 Resp: 1325905
Ion Ratio Lower Upper
188 100
94 7.1 7.1 10.7#
80 7.7 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018568.D

Acq: 15 Jan 2019 19:29

Instrument :

BNA_M

ClientSampleId :

S-4

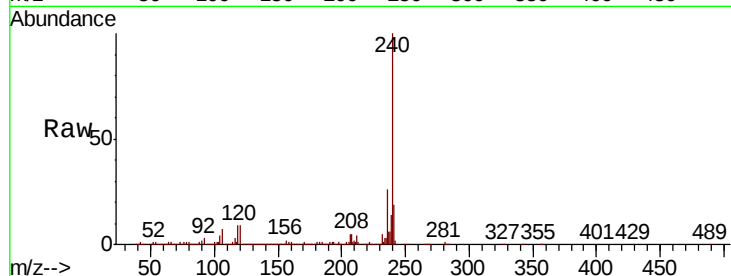
Tgt Ion:240 Resp: 1524371

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

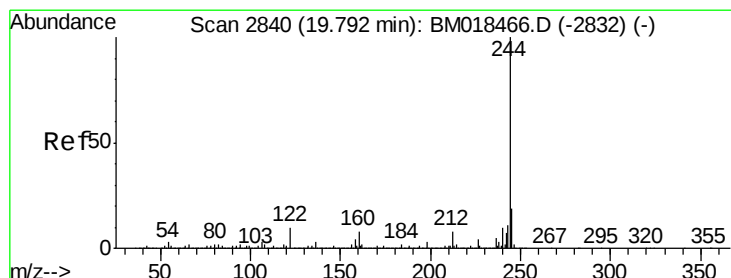
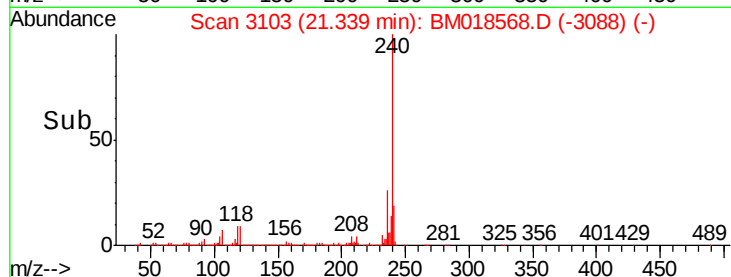
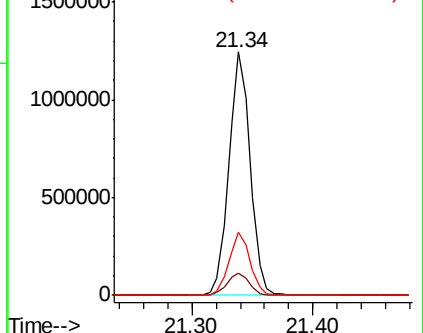
236 25.8 20.7 31.1



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: 93.113 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018568.D

Acq: 15 Jan 2019 19:29

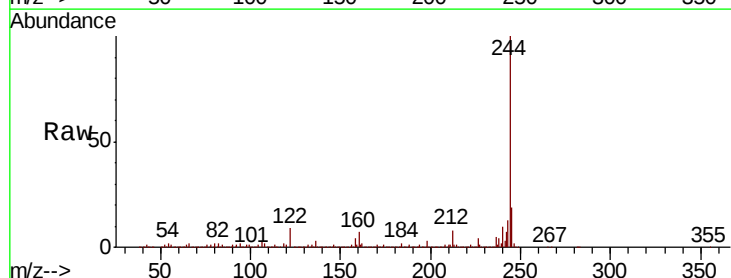
Tgt Ion:244 Resp: 6733226

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

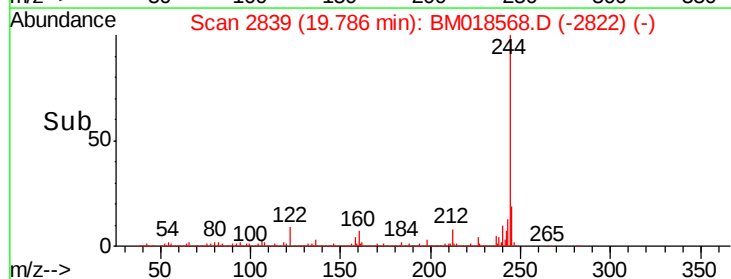
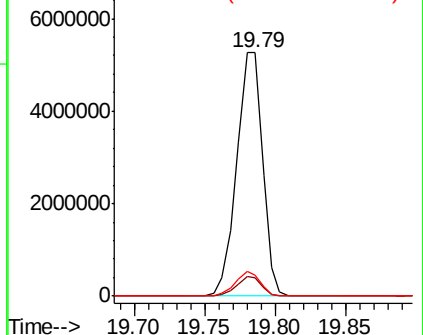
122 8.8 9.0 13.4#

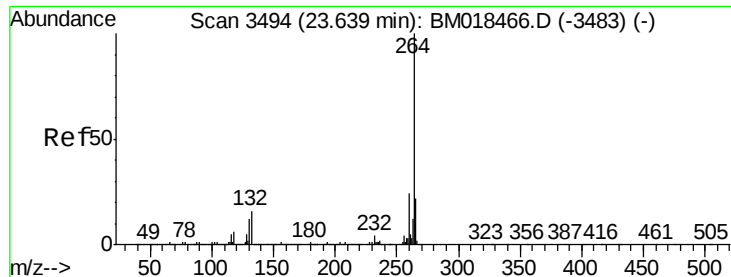


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM018568.D
Acq: 15 Jan 2019 19:29

Instrument :
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S-4

Tgt Ion:264 Resp: 1561758

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.3	16.8	25.2

