

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120618\
 Data File : BM017956.D
 Acq On : 06 Dec 2018 04:26
 Operator : JU/SJ
 Sample : J6208-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-5

Quant Time: Dec 06 05:02:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

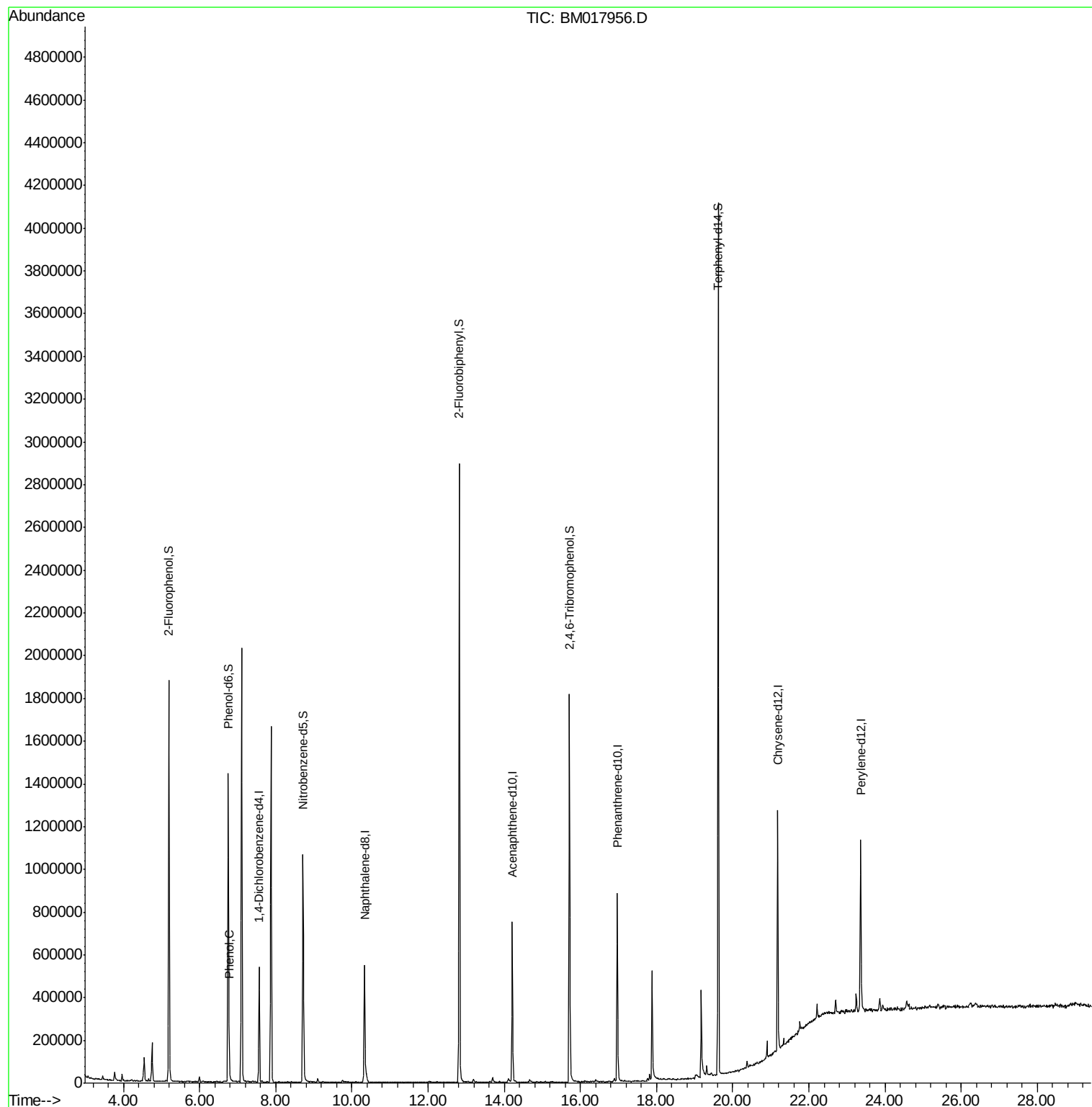
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	146040	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	529719	20.00	ng	-0.05
39) Acenaphthene-d10	14.21	164	269464	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	551686	20.00	ng	-0.05
76) Chrysene-d12	21.18	240	571791	20.00	ng	-0.04
87) Perylene-d12	23.36	264	603447	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	768003	88.75	ng	-0.05
7) Phenol-d6	6.75	99	852473	70.54	ng	-0.05
23) Nitrobenzene-d5	8.72	82	668281	65.13	ng	-0.06
42) 2,4,6-Tribromophenol	15.72	330	372055	96.09	ng	-0.05
45) 2-Fluorobiphenyl	12.82	172	1484634	71.48	ng	-0.05
79) Terphenyl-d14	19.62	244	1865070	73.93	ng	-0.04
Target Compounds						
10) Phenol	6.78	94	29659	2.338	ng	Qvalue 94

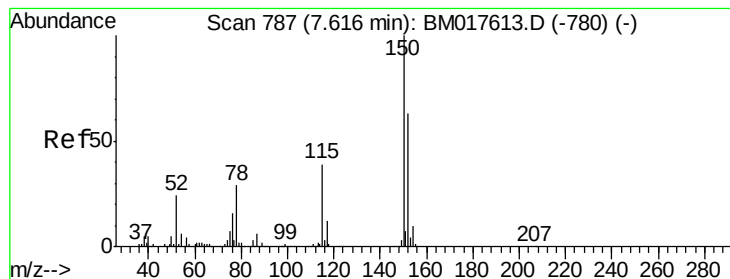
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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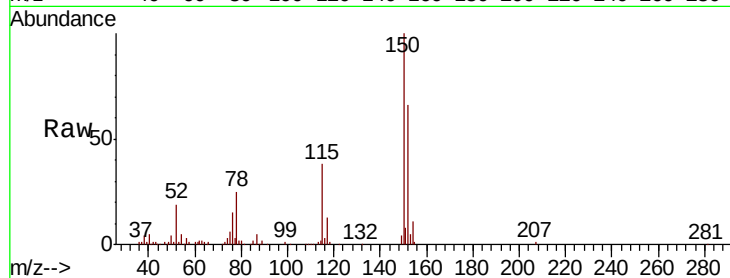


#1

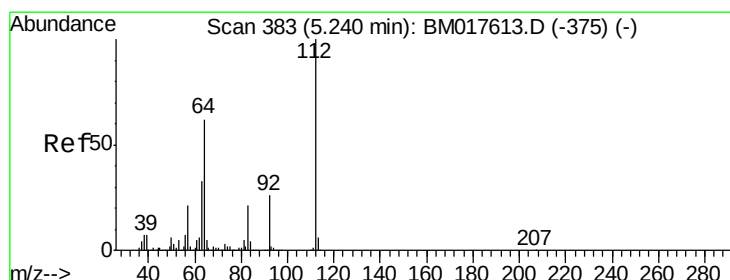
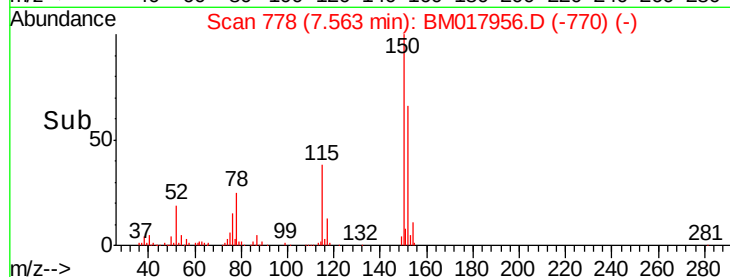
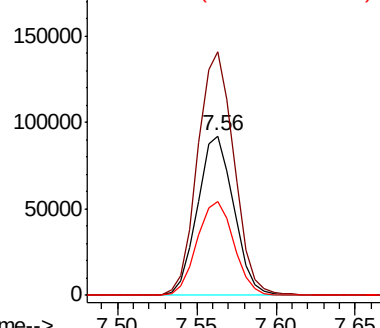
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017956.D
Acq: 06 Dec 2018 04:26

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.4	189.6
115	58.6	49.4	74.0



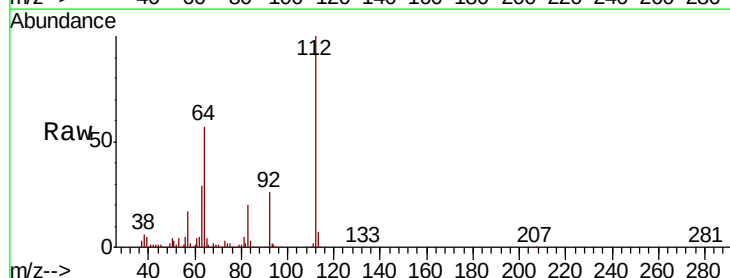
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



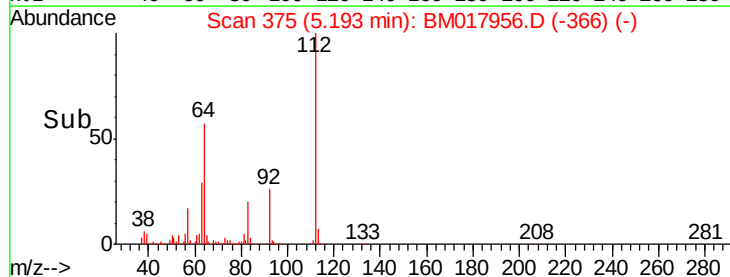
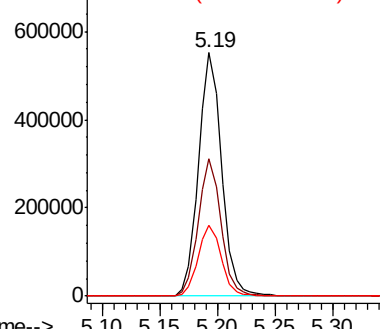
#5

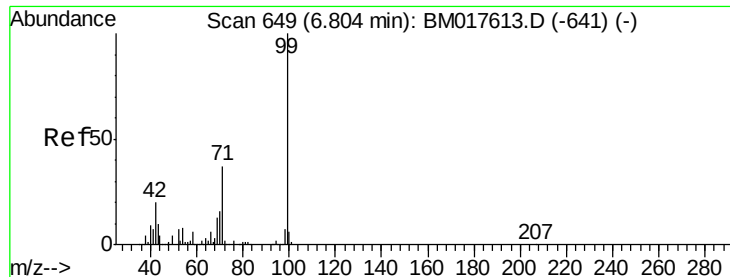
2-Fluorophenol
Concen: 88.751 ng
RT: 5.19 min Scan# 375
Delta R.T. -0.05 min
Lab File: BM017956.D
Acq: 06 Dec 2018 04:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	49.3	73.9
63	29.3	26.2	39.4



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: 70.535 ng

RT: 6.75 min Scan# 640

Delta R.T. -0.05 min

Lab File: BM017956.D

Acq: 06 Dec 2018 04:26

Instrument :

BNA_M

ClientSampleId :

TP-5

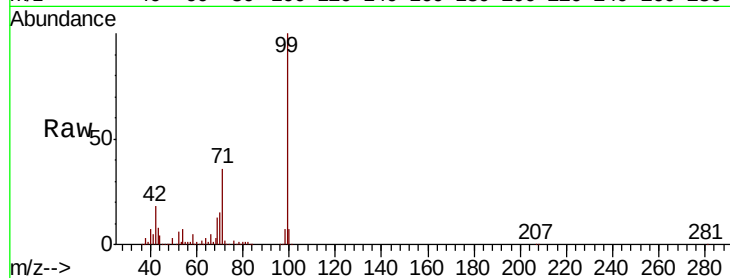
Tgt Ion: 99 Resp: 852473

Ion Ratio Lower Upper

99 100

42 17.6 16.3 24.5

71 36.2 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017956.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017956.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017956.D (-632) (-)

6.75

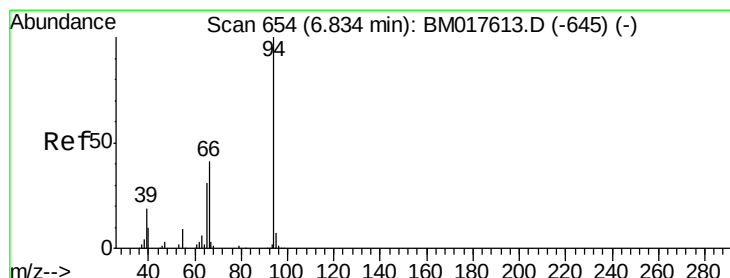
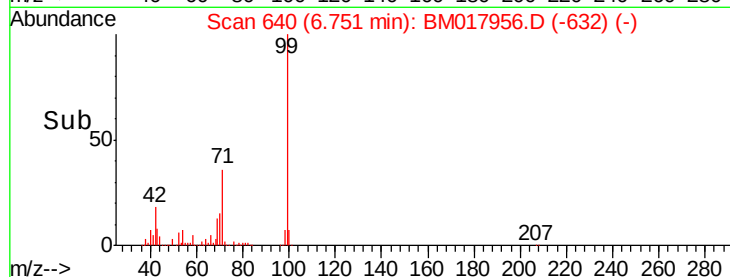
400000

200000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#10

Phenol

Concen: 2.338 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.05 min

Lab File: BM017956.D

Acq: 06 Dec 2018 04:26

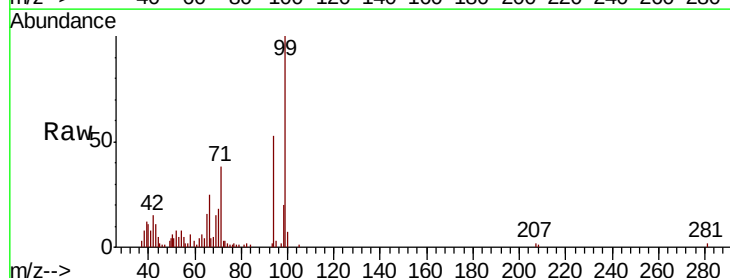
Tgt Ion: 94 Resp: 29659

Ion Ratio Lower Upper

94 100

65 30.8 11.4 51.4

66 47.8 21.4 61.4



Abundance Ion 94.00 (93.70 to 94.70): BM017956.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM017956.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM017956.D (-637) (-)

6.78

30000

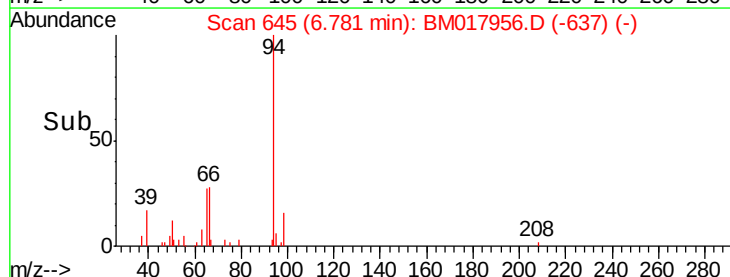
20000

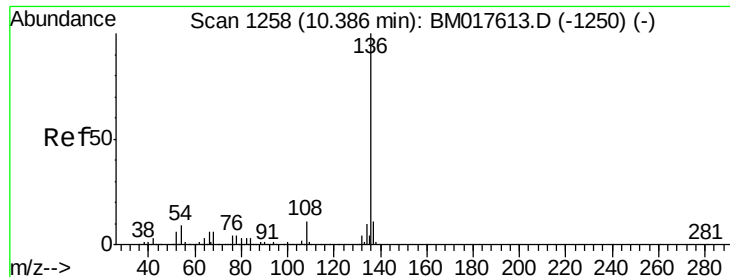
10000

0

6.70 6.75 6.80 6.85

Time-->

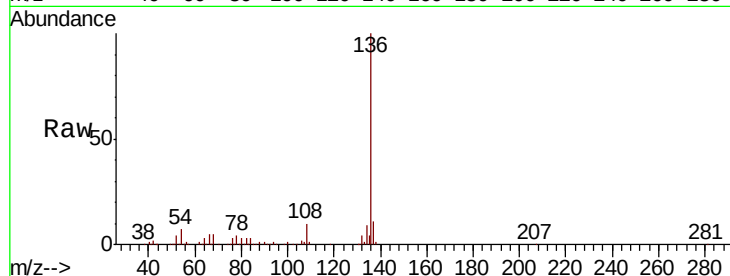




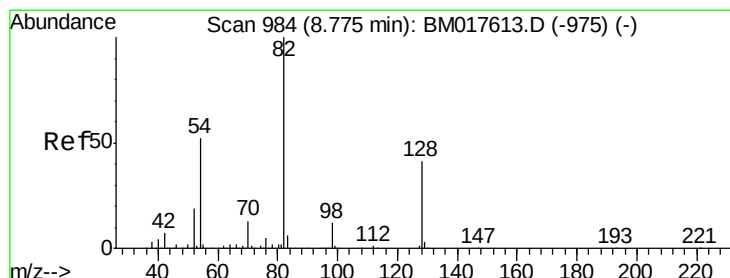
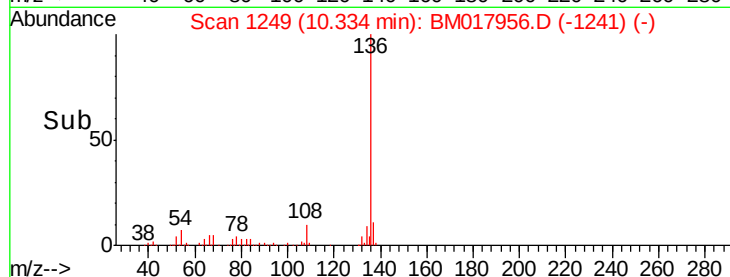
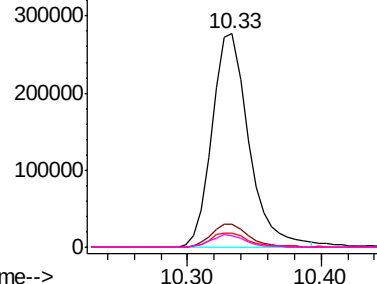
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BM017956.D
Acq: 06 Dec 2018 04:26

Instrument :
BNA_M
ClientSampleId :
TP-5

Tgt Ion:	136	Resp:	529719
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.7	7.0	10.6#
68	5.3	4.9	7.3

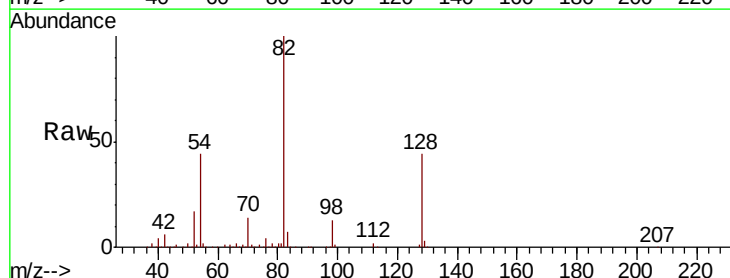


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

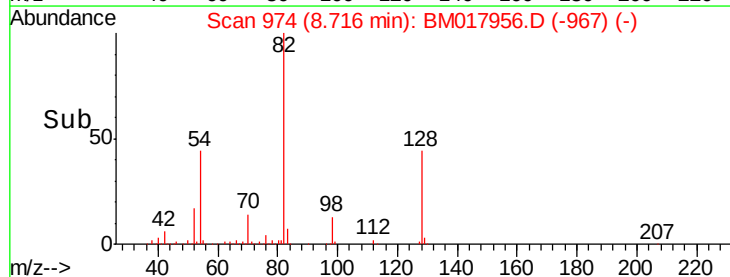
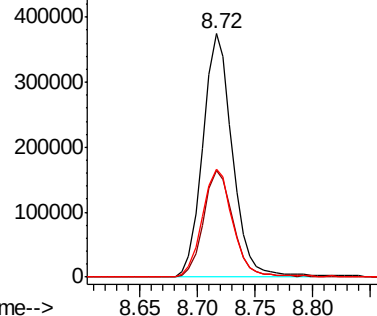


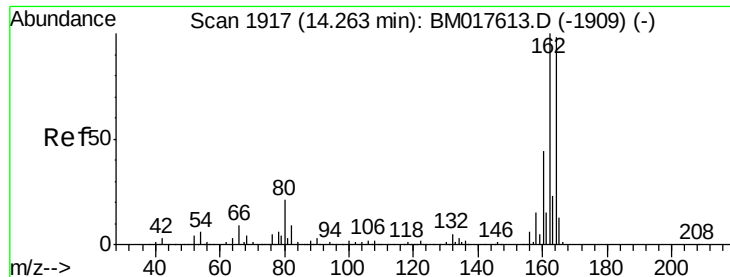
#23
Nitrobenzene-d5
Concen: 65.129 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.06 min
Lab File: BM017956.D
Acq: 06 Dec 2018 04:26

Tgt Ion:	82	Resp:	668281
Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.0	49.4
54	44.3	41.4	62.2



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: 14.21 min Scan# 1908

Delta R.T. -0.05 min

Lab File: BM017956.D

Acq: 06 Dec 2018 04:26

Instrument :

BNA_M

ClientSampleId :

TP-5

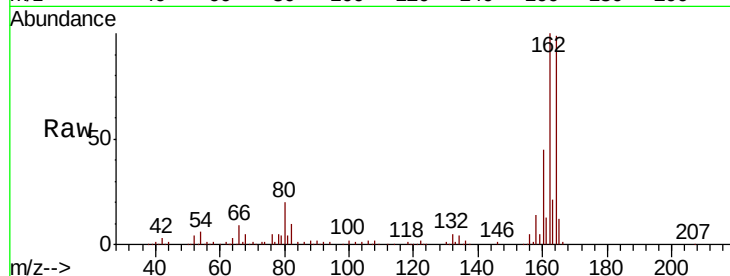
Tgt Ion:164 Resp: 269464

Ion Ratio Lower Upper

164 100

162 100.9 81.4 122.0

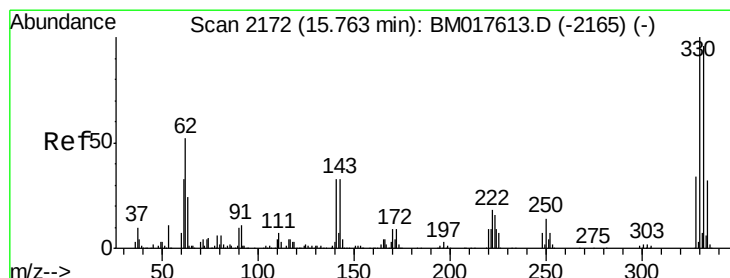
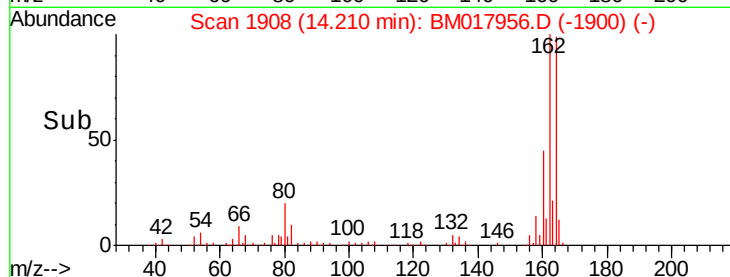
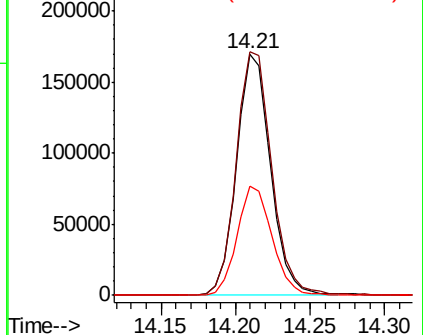
160 45.2 35.6 53.4



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: 96.093 ng

RT: 15.72 min Scan# 2164

Delta R.T. -0.05 min

Lab File: BM017956.D

Acq: 06 Dec 2018 04:26

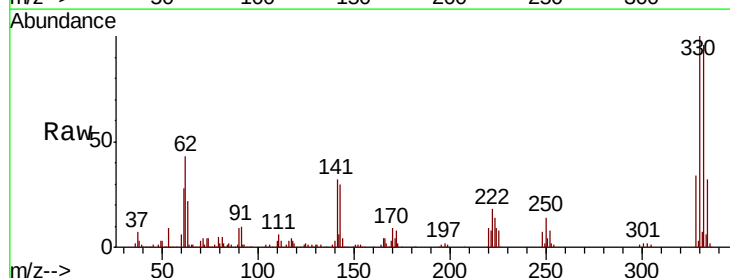
Tgt Ion:330 Resp: 372055

Ion Ratio Lower Upper

330 100

332 96.6 77.9 116.9

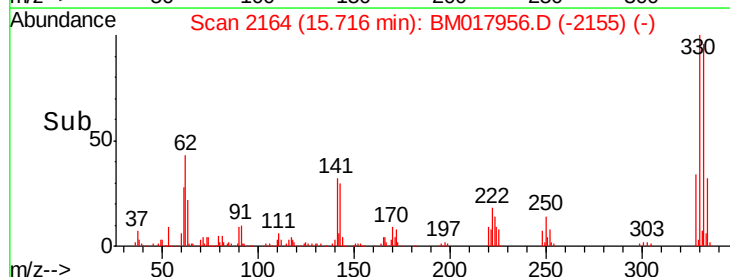
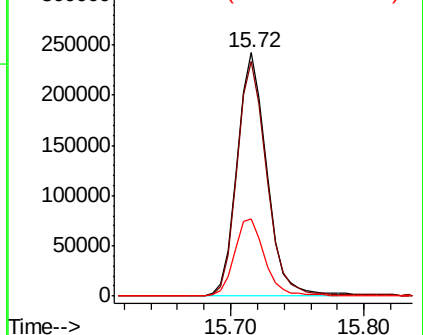
141 32.4 27.5 41.3

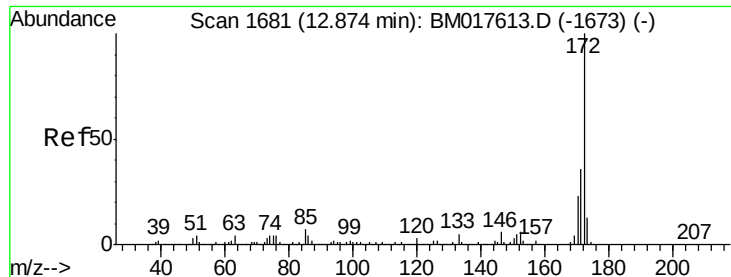


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

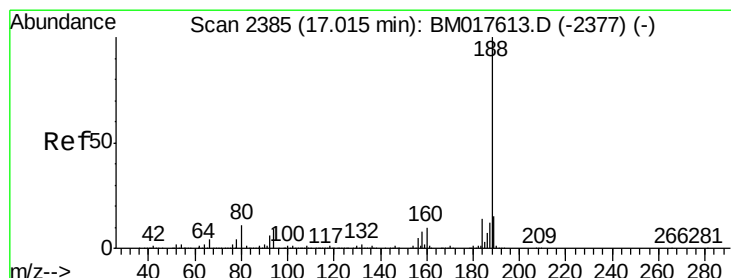
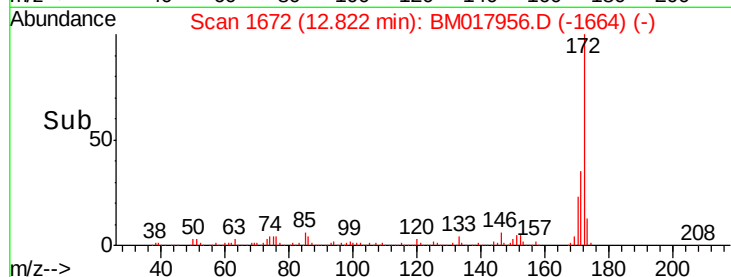
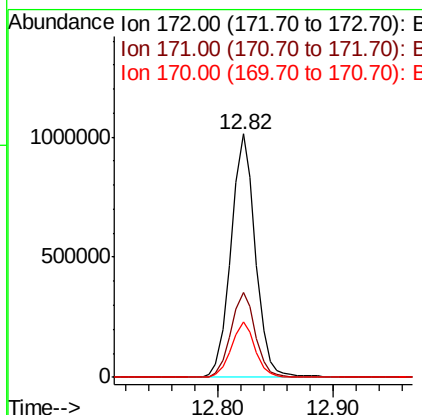
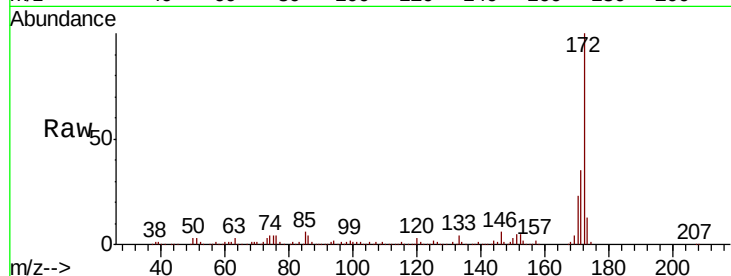




#45
 2-Fluorobiphenyl
 Concen: 71.478 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.05 min
 Lab File: BM017956.D
 Acq: 06 Dec 2018 04:26

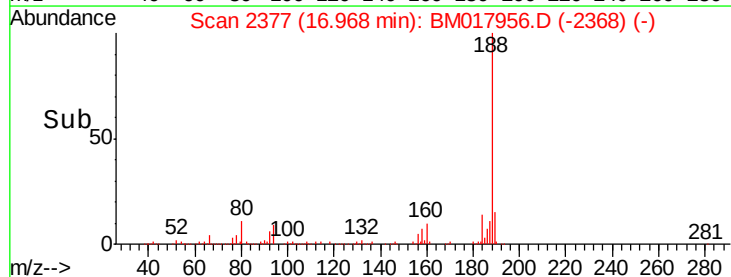
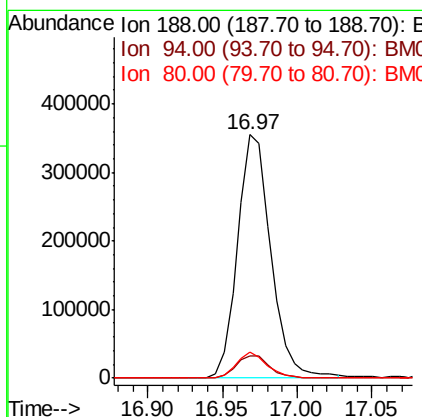
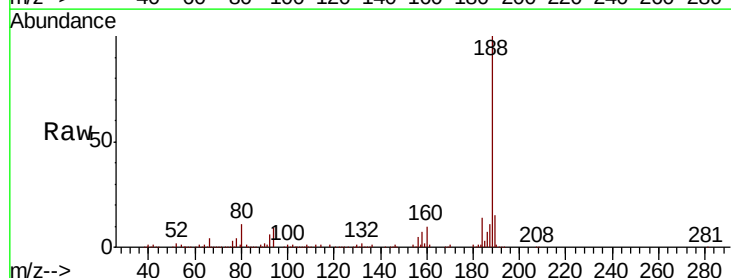
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 ClientSampled :
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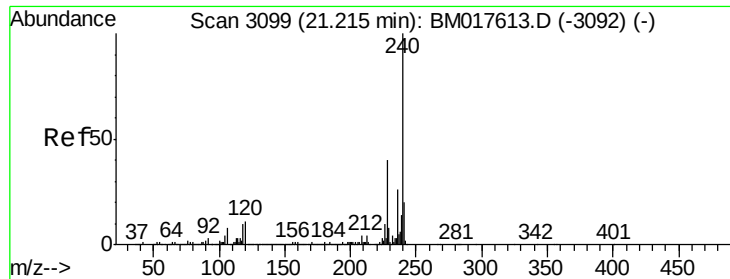
Tgt Ion:172 Resp: 1484634
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.7 43.1
 170 22.6 18.3 27.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.97 min Scan# 2377
 Delta R.T. -0.05 min
 Lab File: BM017956.D
 Acq: 06 Dec 2018 04:26

Tgt Ion:188 Resp: 551686
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.5 11.3
 80 10.7 8.6 13.0

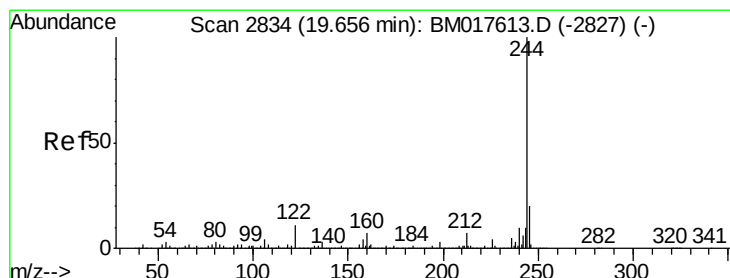
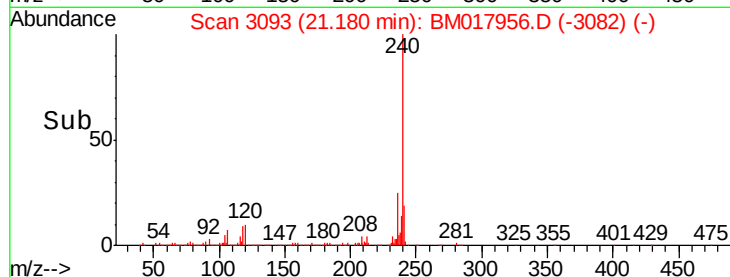
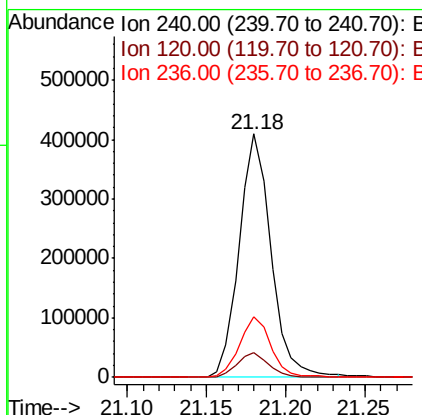
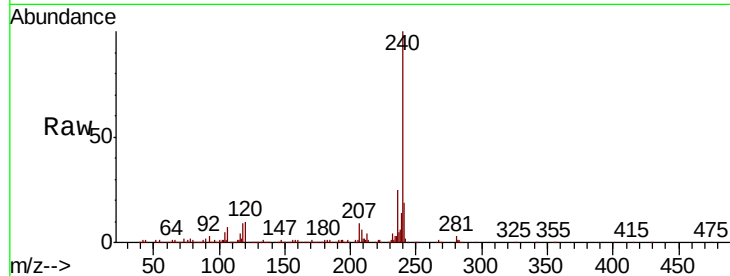




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM017956.D
Acq: 06 Dec 2018 04:26

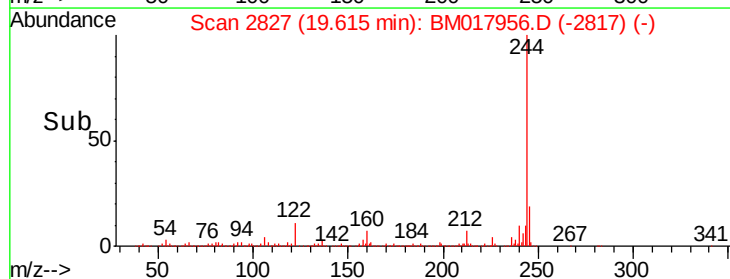
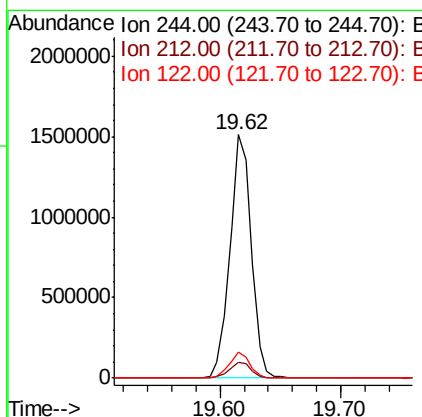
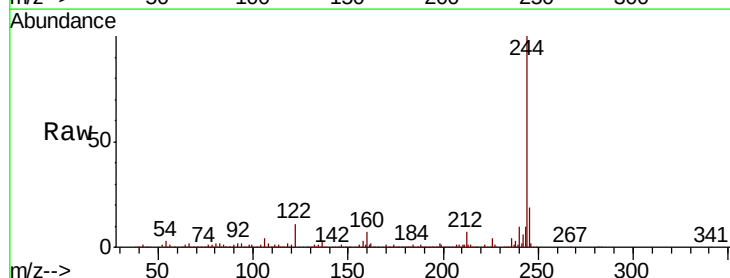
Instrument :
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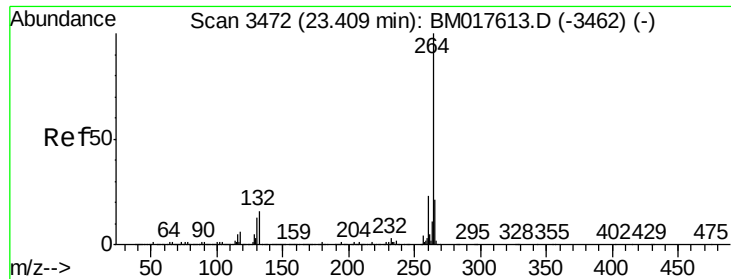
Tgt Ion:240 Resp: 571791
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 24.8 20.4 30.6



#79
Terphenyl-d14
Concen: 73.926 ng
RT: 19.62 min Scan# 2827
Delta R.T. -0.04 min
Lab File: BM017956.D
Acq: 06 Dec 2018 04:26

Tgt Ion:244 Resp: 1865070
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 10.5 9.0 13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.05 min
Lab File: BM017956.D
Acq: 06 Dec 2018 04:26

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:	264	Resp:	603447
Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.2
265	22.0	17.5	26.3

