

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120518\
 Data File : BM017927.D
 Acq On : 05 Dec 2018 06:37
 Operator : JU/SJ
 Sample : J6213-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 113018-TIPC-E-U-M

Quant Time: Dec 05 07:31:38 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

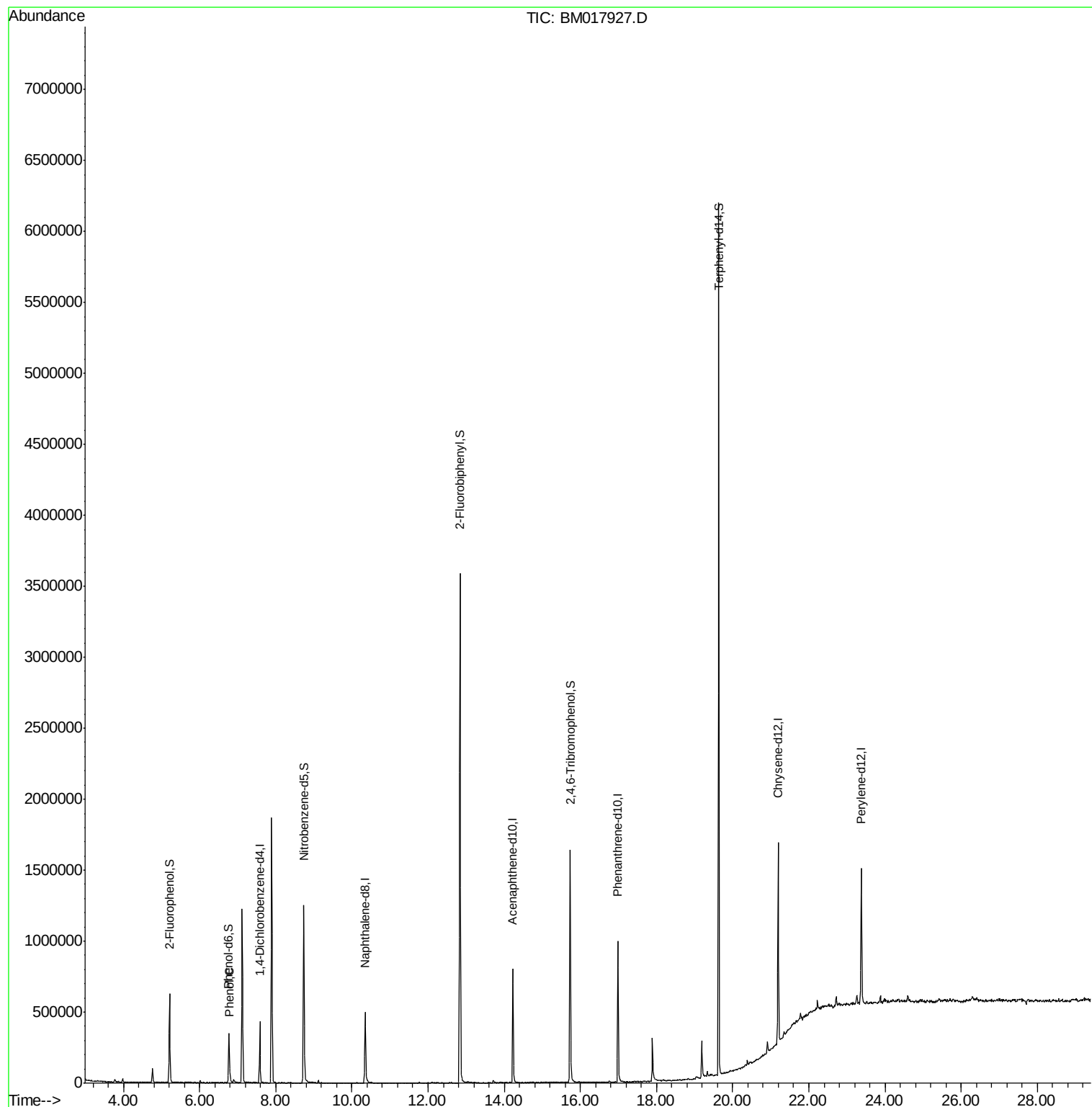
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	116485	20.00	ng	-0.03
21) Naphthalene-d8	10.35	136	460209	20.00	ng	-0.03
39) Acenaphthene-d10	14.23	164	266469	20.00	ng	-0.03
64) Phenanthrene-d10	16.99	188	604527	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	661529	20.00	ng	-0.02
87) Perylene-d12	23.37	264	703286	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	275343	39.89	ng	-0.03
7) Phenol-d6	6.77	99	215079	22.31	ng	-0.03
23) Nitrobenzene-d5	8.73	82	757984	85.03	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	340536	88.94	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	1923323	93.64	ng	-0.03
79) Terphenyl-d14	19.63	244	2800303	95.94	ng	-0.02
Target Compounds						
10) Phenol	6.79	94	23047	2.278	ng	Qvalue 85

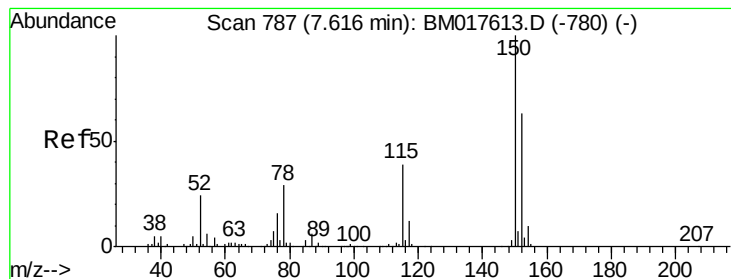
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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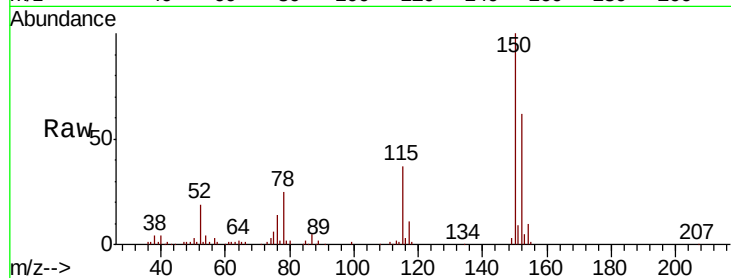


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.03 min
Lab File: BM017927.D
Acq: 05 Dec 2018 06:37

Instrument :
BNA_M
ClientSampleId :
113018-TIPC-E-U-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.4	189.6
115	60.0	49.4	74.0

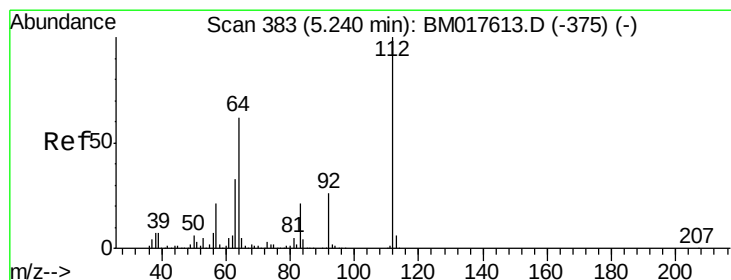
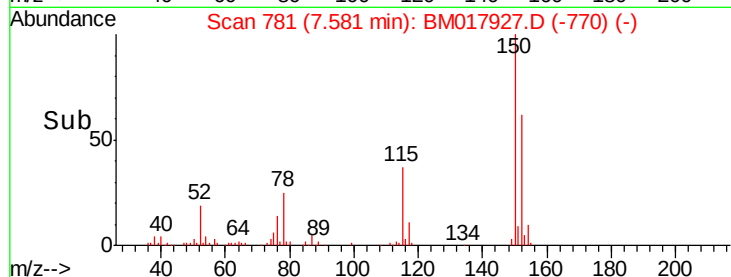
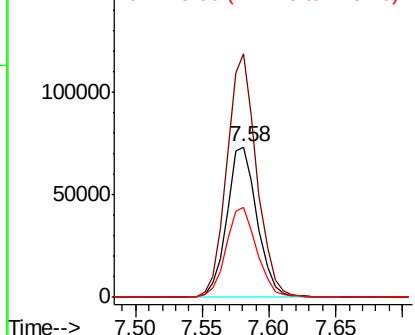


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

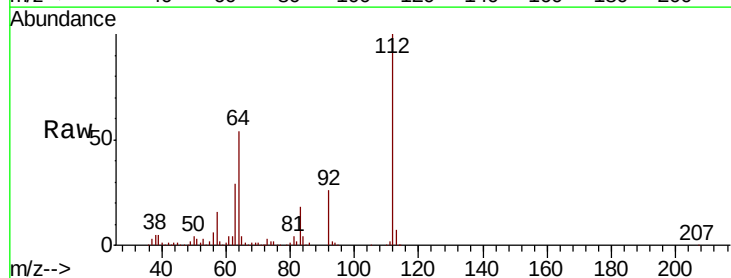
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.892 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017927.D
Acq: 05 Dec 2018 06:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	49.3	73.9
63	29.0	26.2	39.4

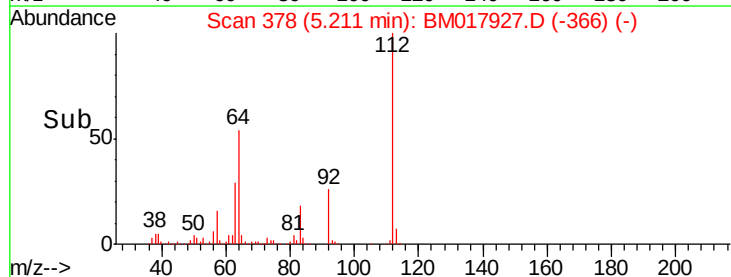
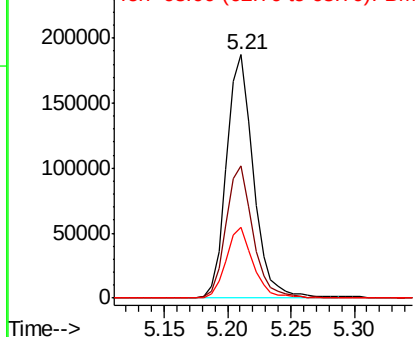


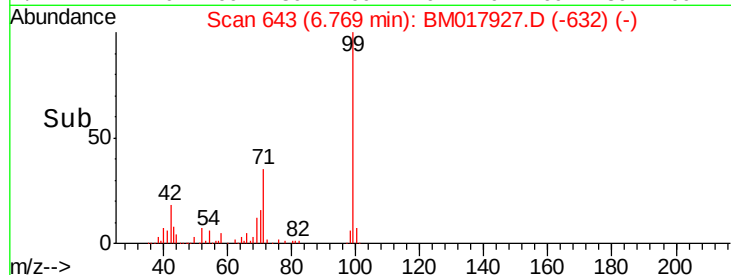
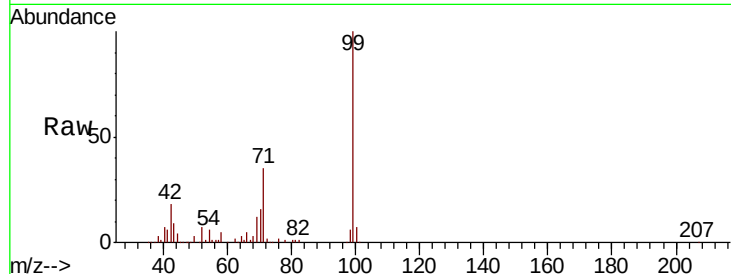
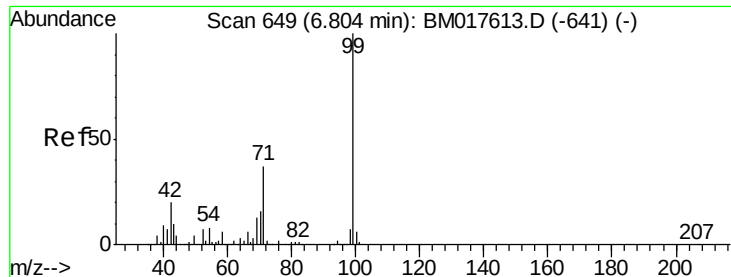
Abundance

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: 22.311 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.03 min

Lab File: BM017927.D

Acq: 05 Dec 2018 06:37

Instrument :

BNA_M

ClientSampleId :

113018-TIPC-E-U-M

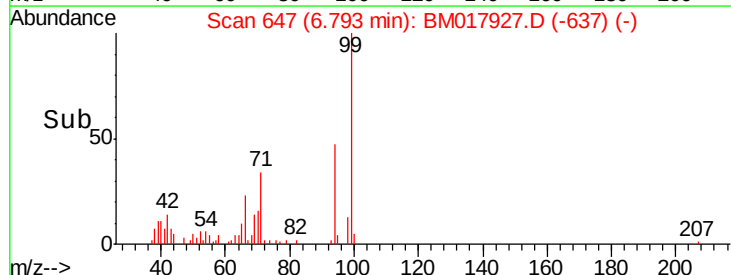
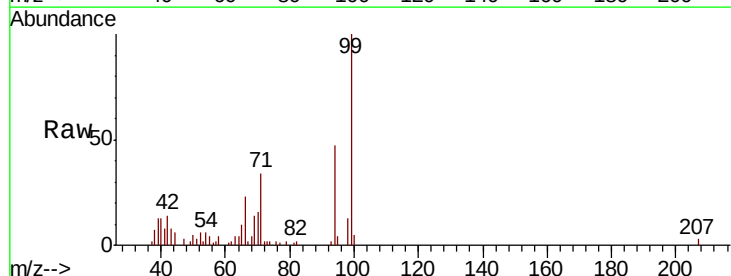
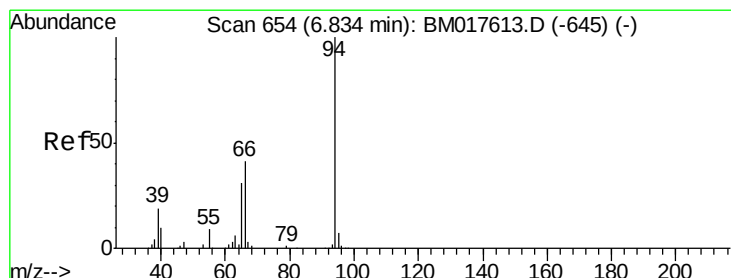
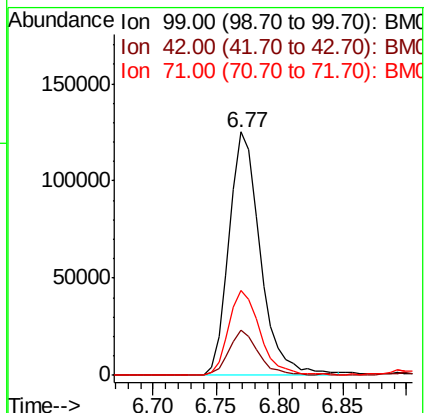
Tgt Ion: 99 Resp: 215079

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

71 34.8 29.8 44.8



#10

Phenol

Concen: 2.278 ng

RT: 6.79 min Scan# 647

Delta R.T. -0.04 min

Lab File: BM017927.D

Acq: 05 Dec 2018 06:37

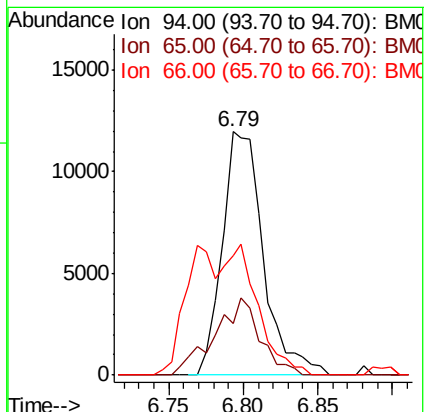
Tgt Ion: 94 Resp: 23047

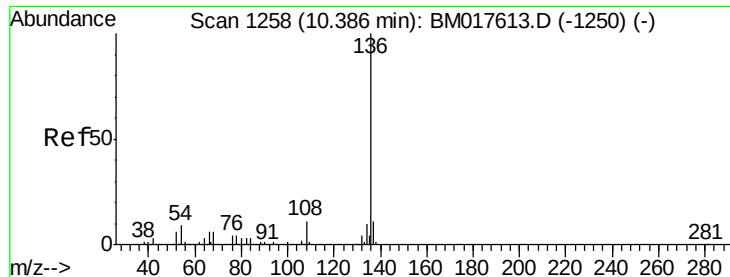
Ion Ratio Lower Upper

94 100

65 20.9 11.4 51.4

66 49.3 21.4 61.4

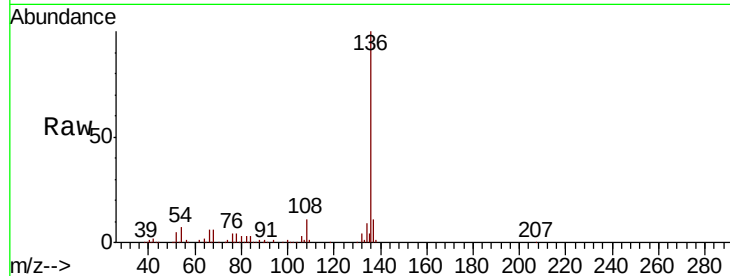




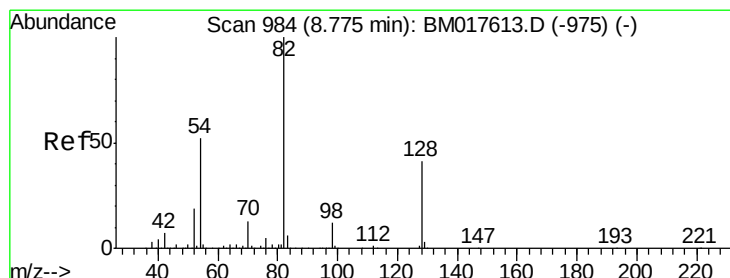
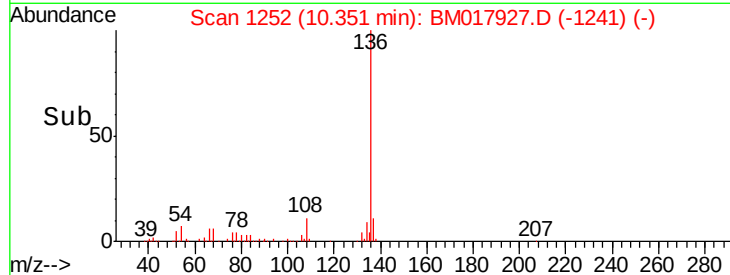
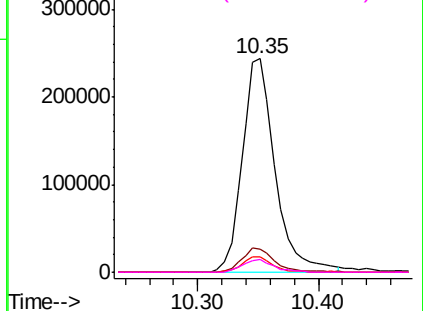
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BM017927.D
Acq: 05 Dec 2018 06:37

Instrument :
BNA_M
ClientSampleId :
113018-TIPC-E-U-M

Tgt Ion:	136	Resp:	460209
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.4	7.0	10.6
68	6.2	4.9	7.3

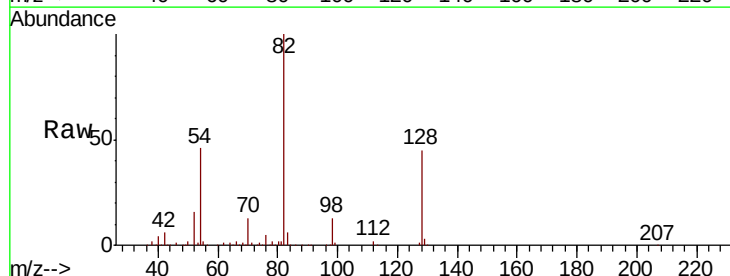


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

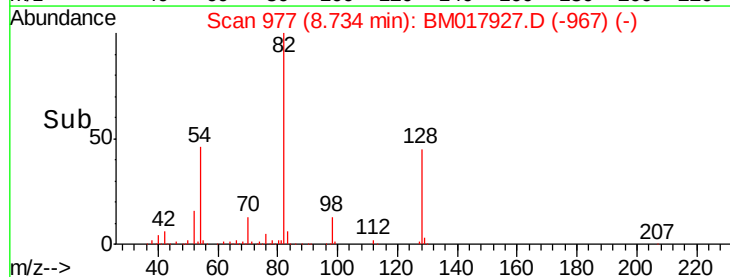
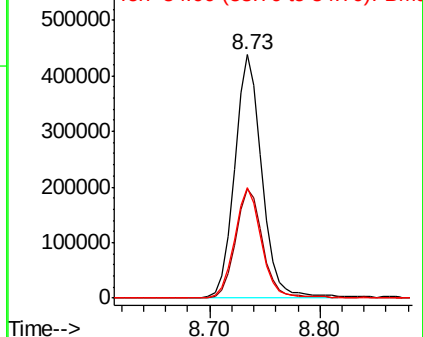


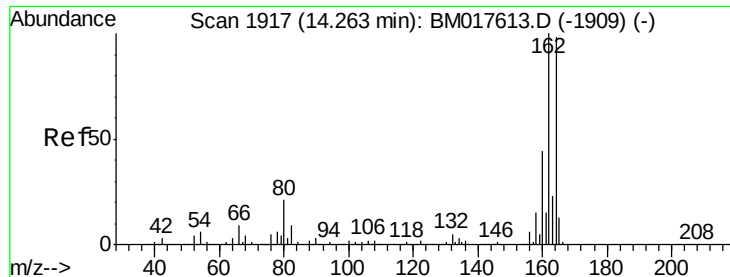
#23
Nitrobenzene-d5
Concen: 85.029 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017927.D
Acq: 05 Dec 2018 06:37

Tgt Ion:	82	Resp:	757984
Ion	Ratio	Lower	Upper
82	100		
128	45.0	33.0	49.4
54	45.6	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: 14.23 min Scan# 1911

Delta R.T. -0.03 min

Lab File: BM017927.D

Acq: 05 Dec 2018 06:37

Instrument :

BNA_M

ClientSampleId :

113018-TIPC-E-U-M

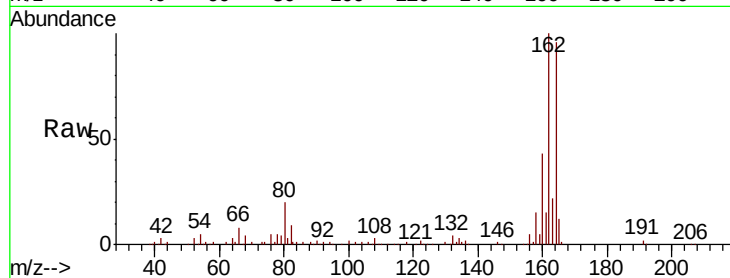
Tgt Ion:164 Resp: 266469

Ion Ratio Lower Upper

164 100

162 104.1 81.4 122.0

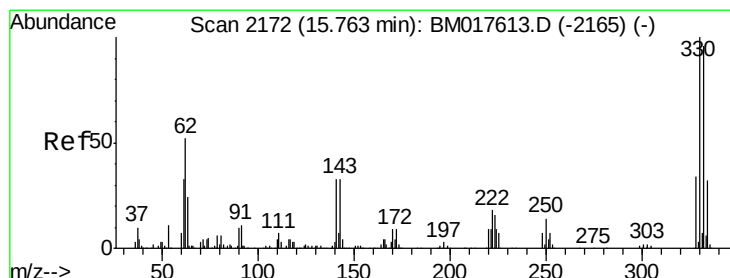
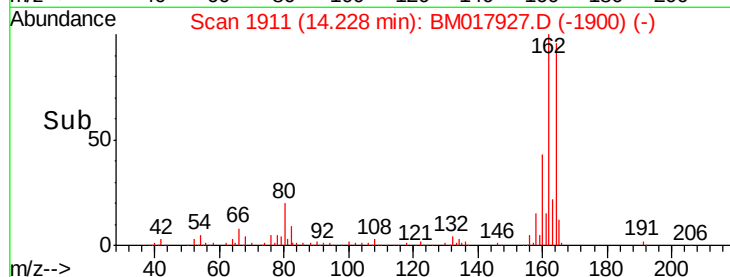
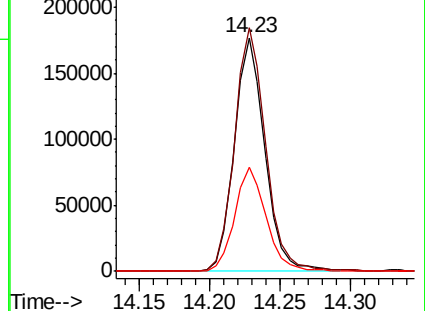
160 44.4 35.6 53.4



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: 88.941 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM017927.D

Acq: 05 Dec 2018 06:37

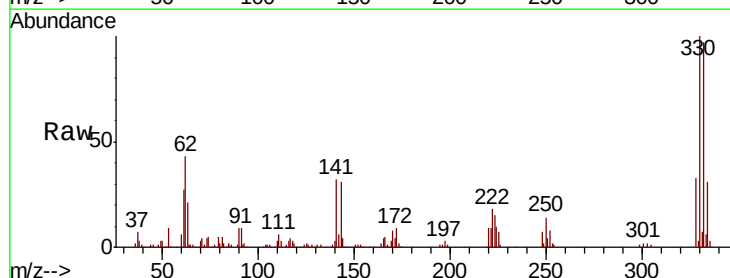
Tgt Ion:330 Resp: 340536

Ion Ratio Lower Upper

330 100

332 96.5 77.9 116.9

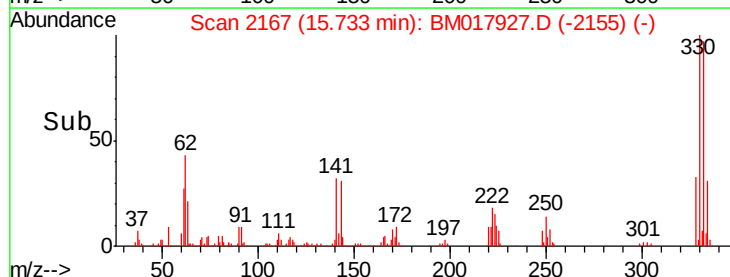
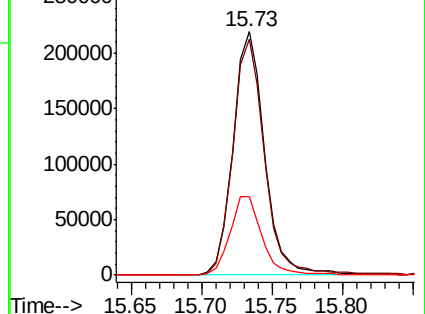
141 33.0 27.5 41.3

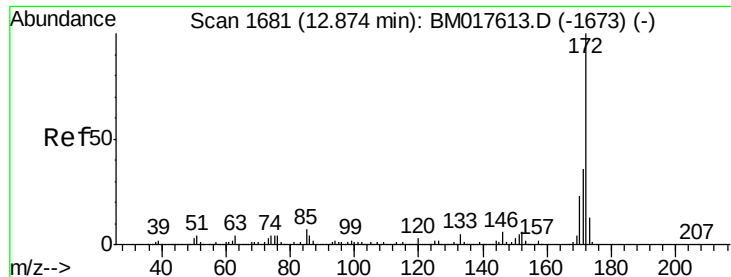


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

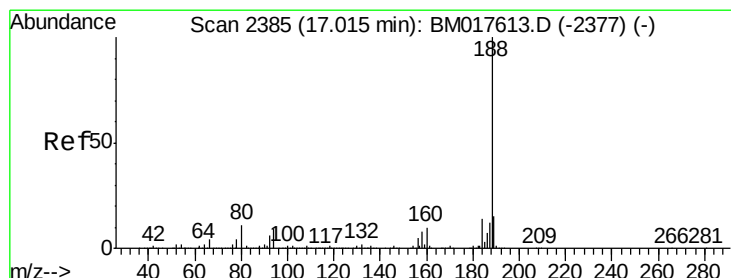
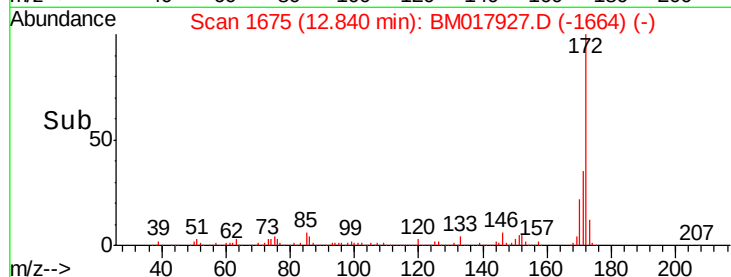
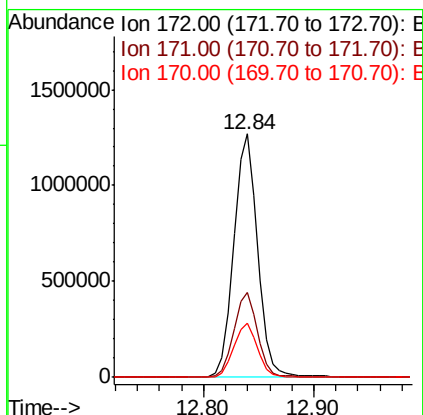
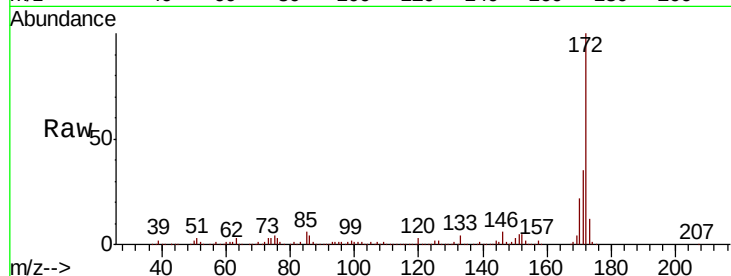




#45
2-Fluorobiphenyl
Concen: 93.639 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.03 min
Lab File: BM017927.D
Acq: 05 Dec 2018 06:37

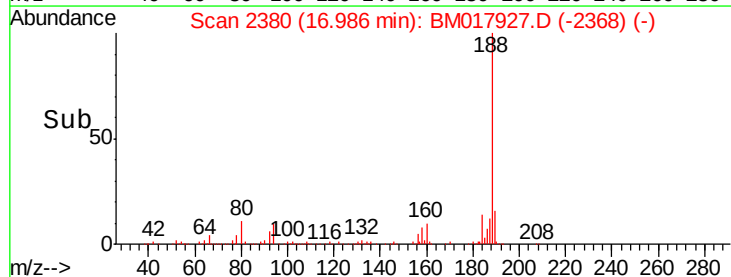
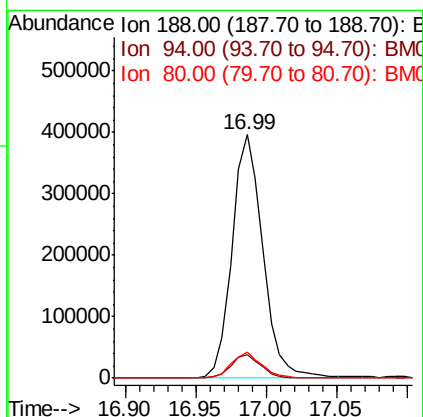
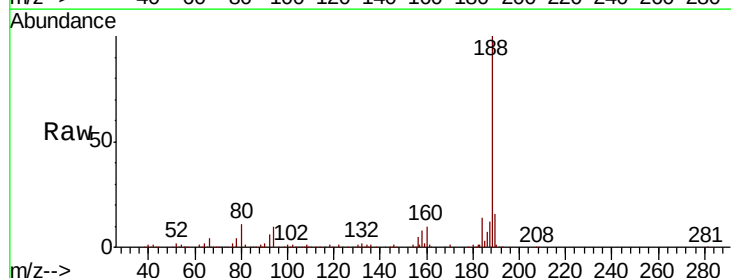
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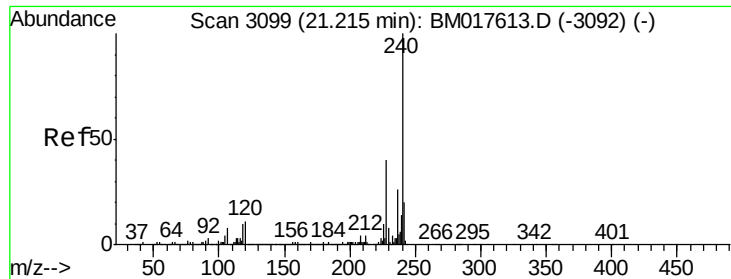
Tgt Ion:172 Resp: 1923323
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 22.3 18.3 27.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017927.D
Acq: 05 Dec 2018 06:37

Tgt Ion:188 Resp: 604527
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.5 8.6 13.0

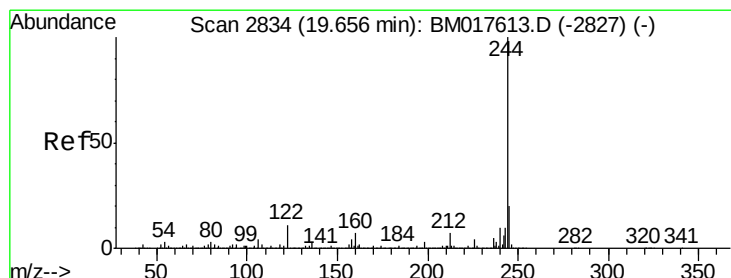
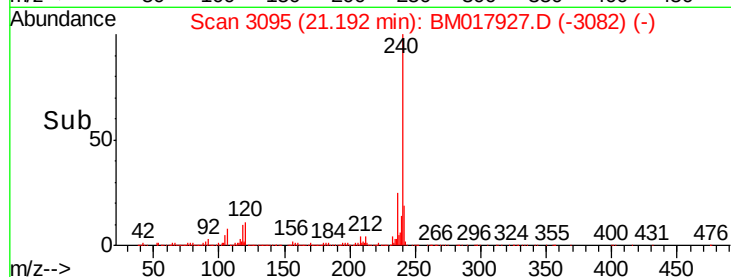
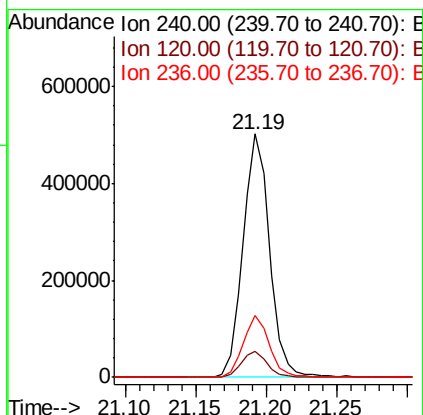
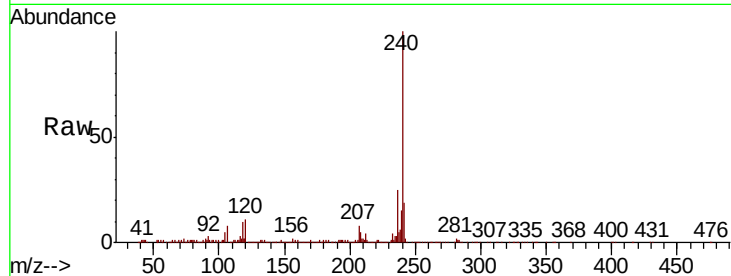




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM017927.D
Acq: 05 Dec 2018 06:37

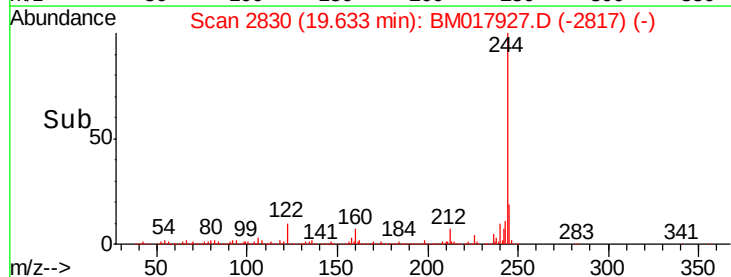
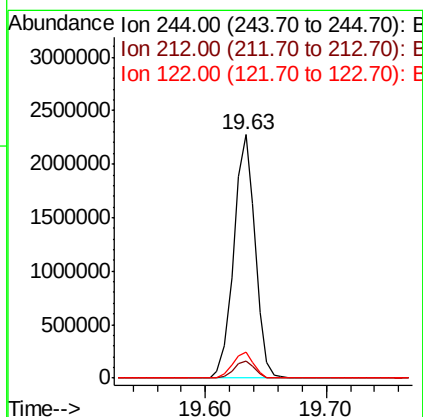
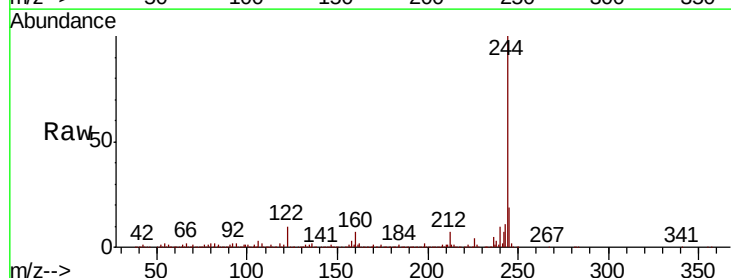
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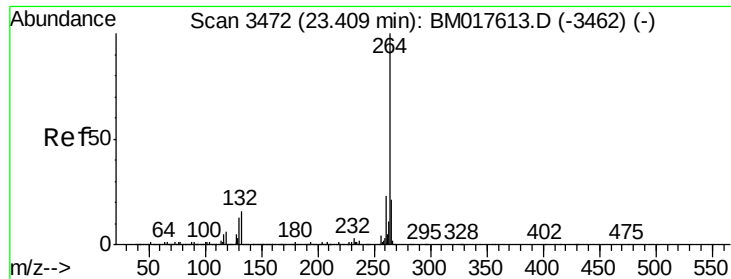
Tgt Ion:240 Resp: 661529
Ion Ratio Lower Upper
240 100
120 10.6 8.5 12.7
236 25.2 20.4 30.6



#79
Terphenyl-d14
Concen: 95.939 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BM017927.D
Acq: 05 Dec 2018 06:37

Tgt Ion:244 Resp: 2800303
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.5 9.0 13.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.03 min

Lab File: BM017927.D

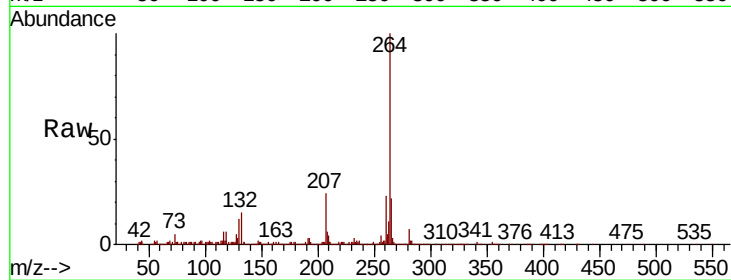
Acq: 05 Dec 2018 06:37

Instrument :

BNA_M

ClientSampleId :

113018-TIPC-E-U-M



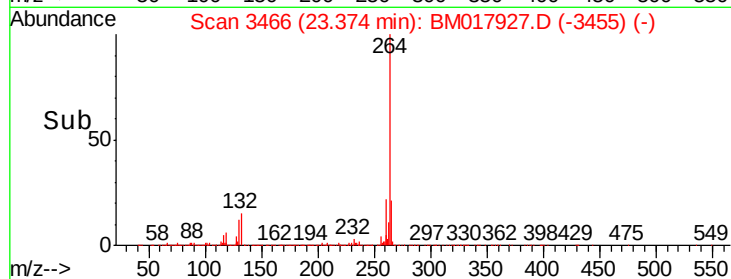
Tgt Ion: 264 Resp: 703286

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.2

265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

500000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

400000

300000

200000

100000

0

23.30 23.37 23.40 23.50

Time-->