

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120218\
 Data File : BM017861.D
 Acq On : 01 Dec 2018 17:46
 Operator : JU/SJ
 Sample : J6060-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20180945-COMPOSITE-4

Quant Time: Dec 03 00:18:08 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

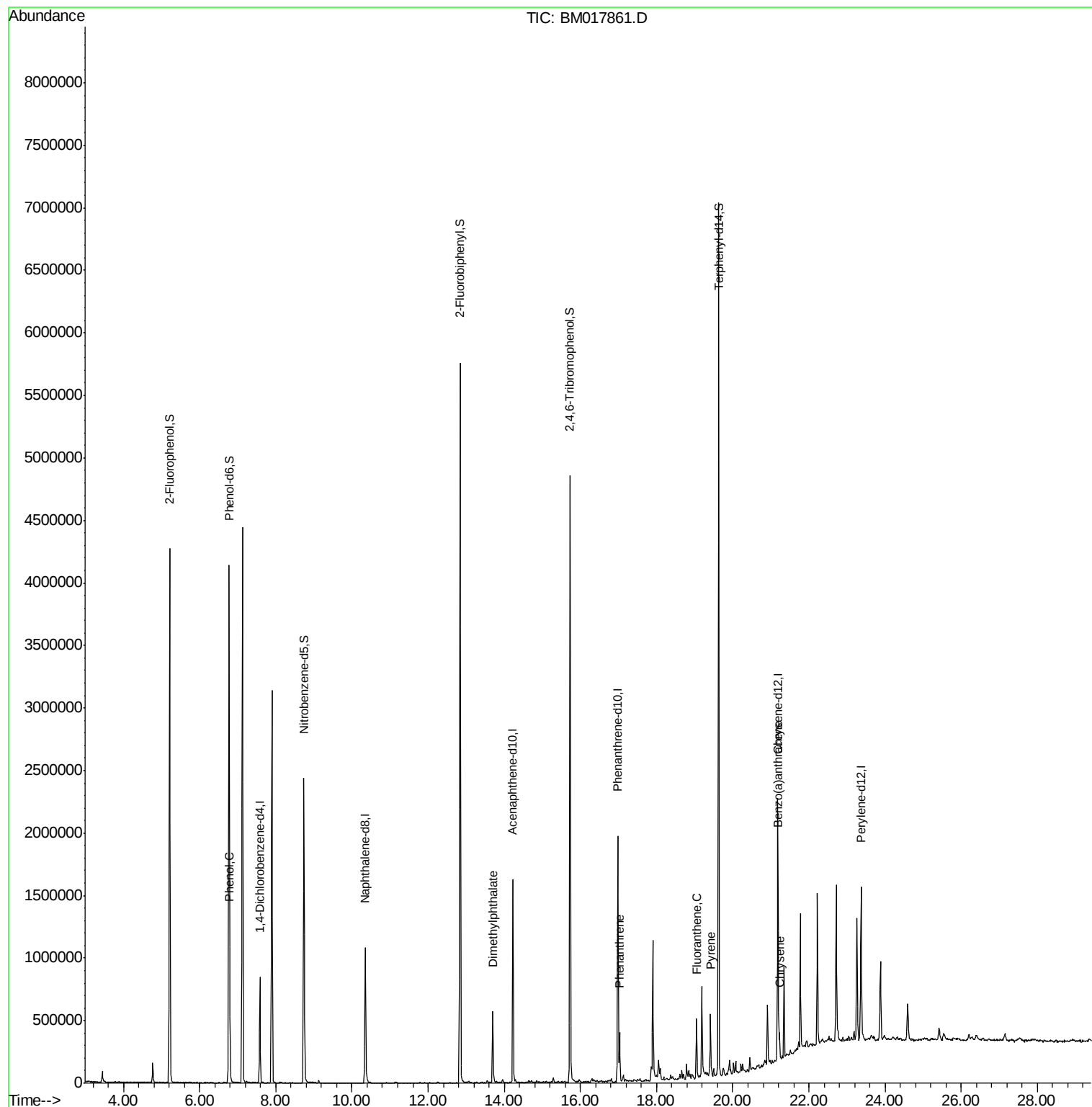
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	225387	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	920371	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	527874	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	1139175	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	927411	20.00	ng	-0.03
87) Perylene-d12	23.37	264	872186	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1676481	125.53	ng	-0.03
7) Phenol-d6	6.77	99	2268961	121.64	ng	-0.03
23) Nitrobenzene-d5	8.74	82	1416447	79.45	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	863956	113.91	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	2964795	72.86	ng	-0.04
79) Terphenyl-d14	19.63	244	3355844	82.01	ng	-0.02
Target Compounds						
10) Phenol	6.80	94	120070	6.133	ng	95
50) Dimethylphthalate	13.70	163	390149	9.091	ng	98
71) Phenanthrene	17.03	178	236612	3.828	ng	99
75) Fluoranthene	19.06	202	269088	3.847	ng	97
78) Pyrene	19.42	202	293450	5.128	ng	98
81) Benzo(a)anthracene	21.17	228	107302	2.008	ng	96
83) Chrysene	21.23	228	115469	2.225	ng	99

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

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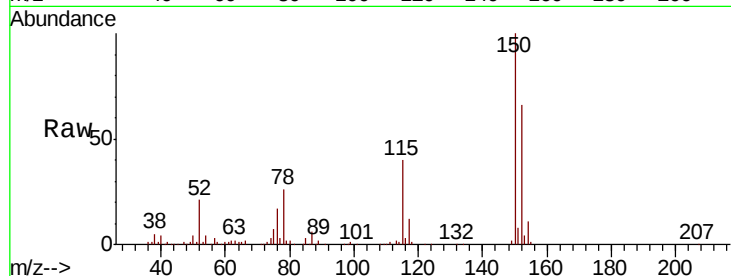


#1

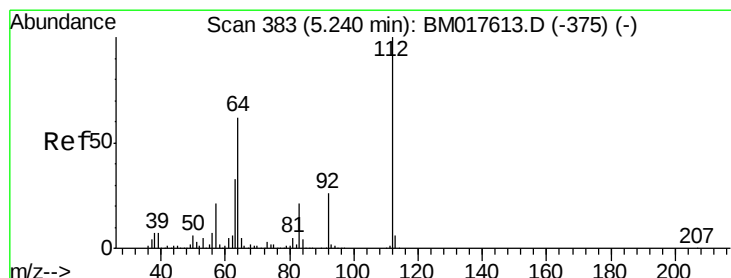
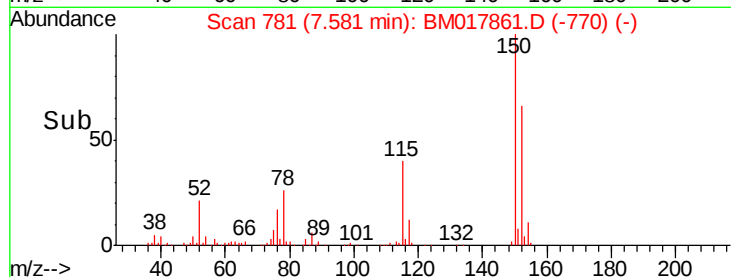
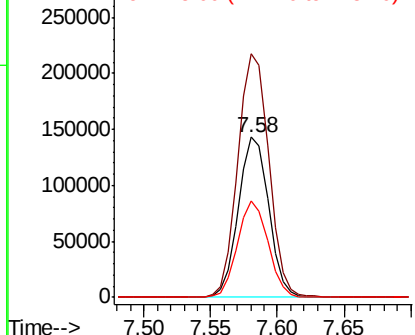
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

Instrument :
BNA_M
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:152 Resp: 225387
Ion Ratio Lower Upper
152 100
150 152.2 126.4 189.6
115 60.5 49.4 74.0



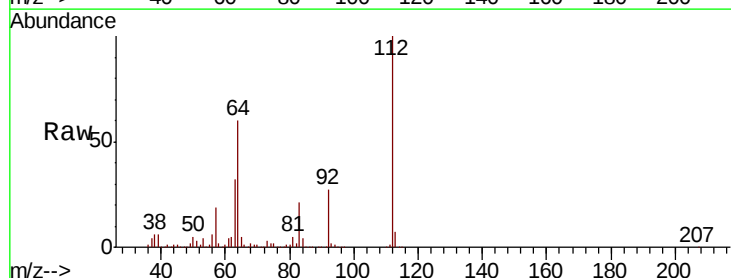
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



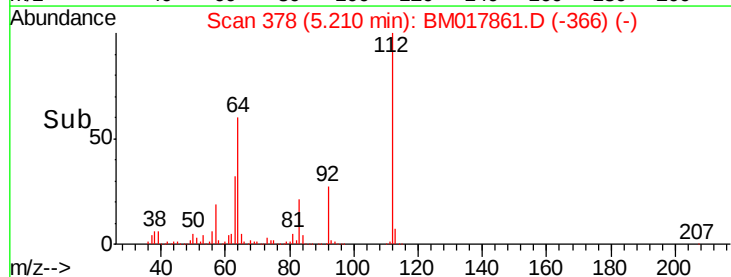
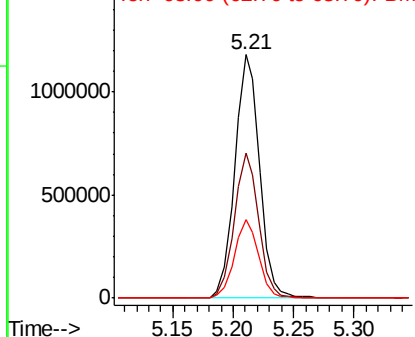
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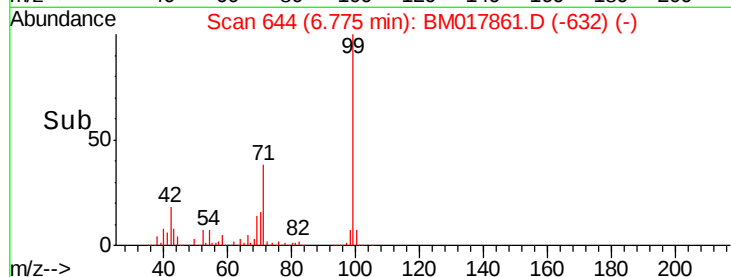
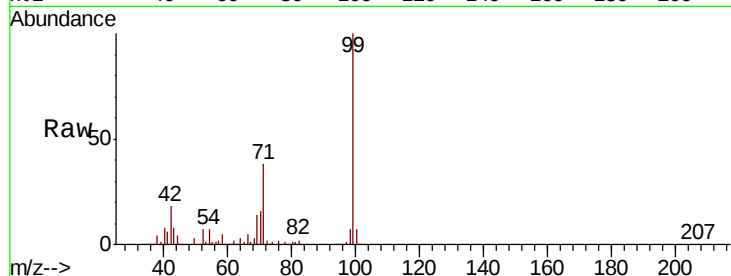
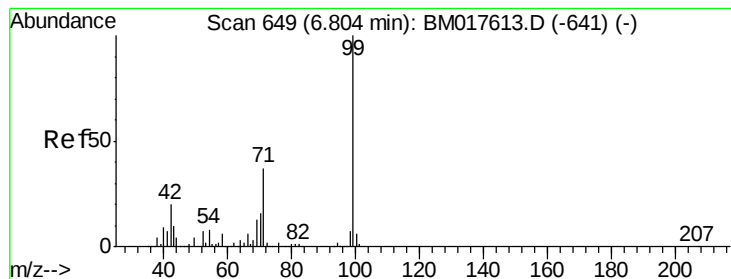
2-Fluorophenol
Concen: 125.531 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

Tgt Ion:112 Resp: 1676481
Ion Ratio Lower Upper
112 100
64 59.5 49.3 73.9
63 32.1 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: 121.645 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.03 min

Lab File: BM017861.D

Acq: 01 Dec 2018 17:46

Instrument :

BNA_M

ClientSampleId :

20180945-COMPOSITE-4

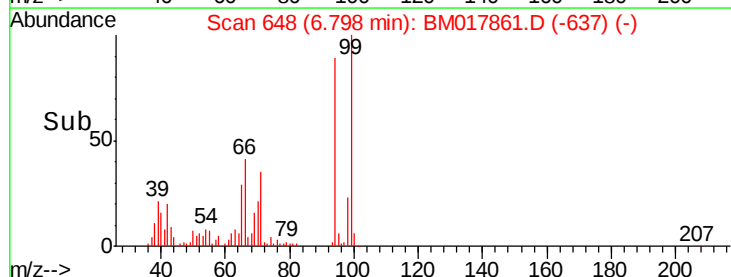
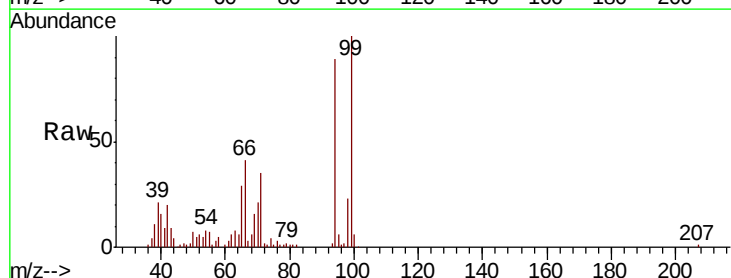
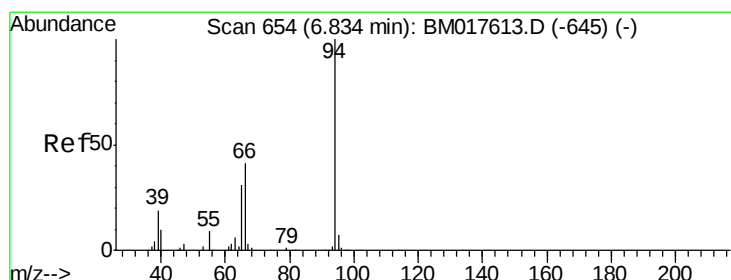
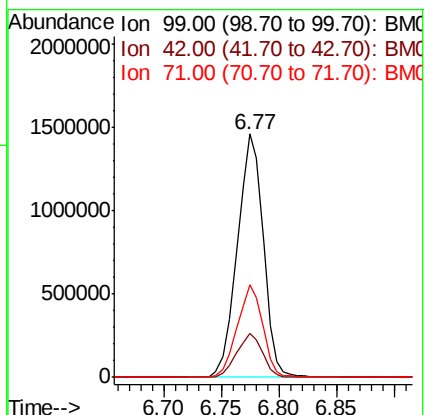
Tgt Ion: 99 Resp: 2268961

Ion Ratio Lower Upper

99 100

42 17.9 16.3 24.5

71 37.8 29.8 44.8



#10

Phenol

Concen: 6.133 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.04 min

Lab File: BM017861.D

Acq: 01 Dec 2018 17:46

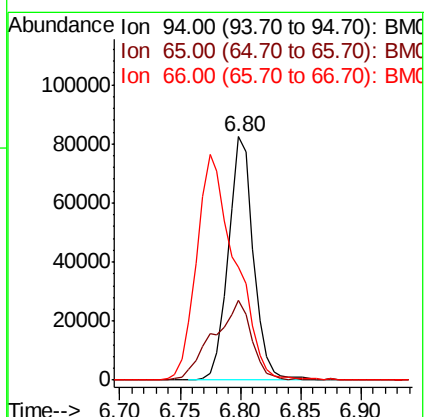
Tgt Ion: 94 Resp: 120070

Ion Ratio Lower Upper

94 100

65 32.6 11.4 51.4

66 46.3 21.4 61.4

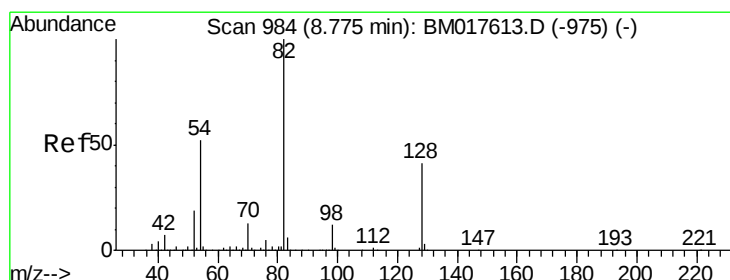
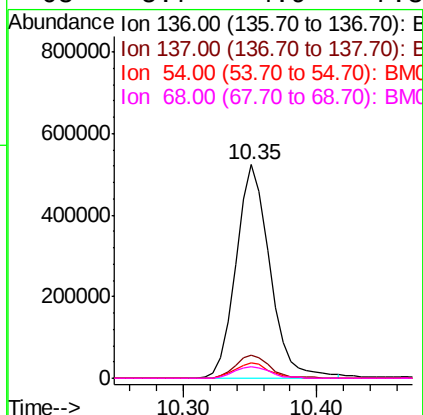
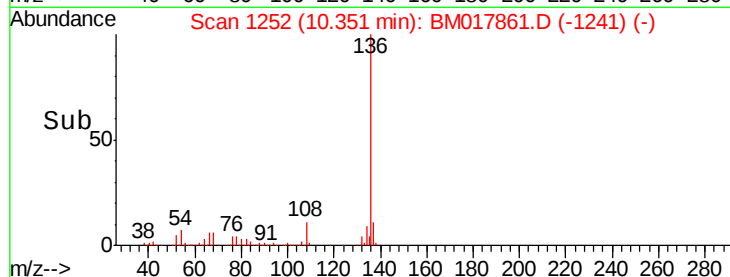
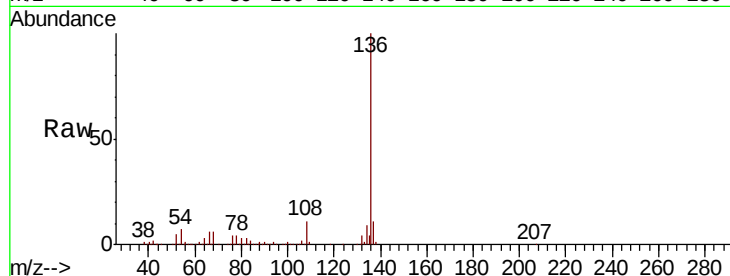




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

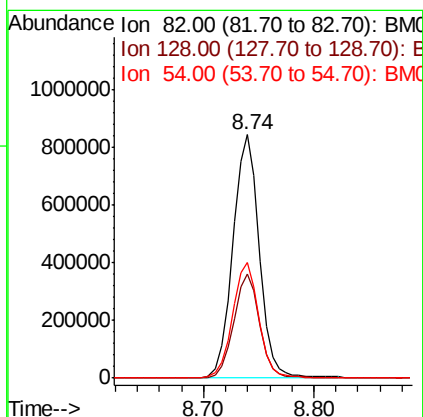
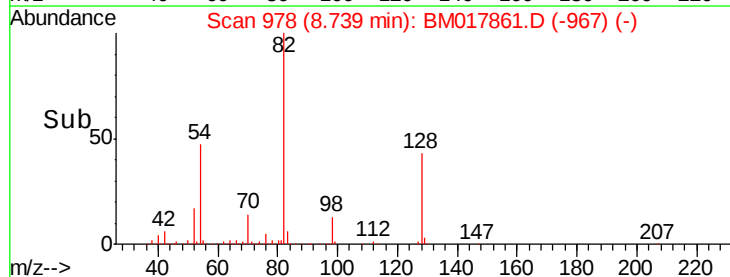
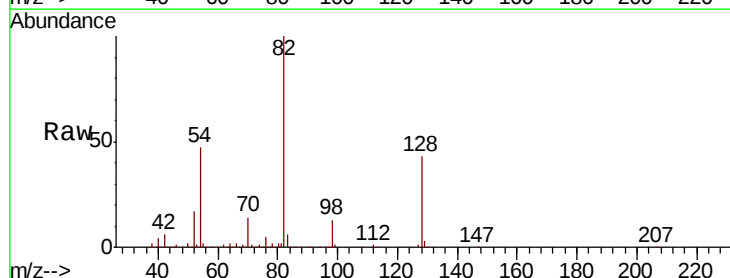
Instrument :
BNA_M
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:	136	Resp:	920371
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.2	7.0	10.6
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 79.451 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

Tgt Ion:	82	Resp:	1416447
Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.0	49.4
54	47.3	41.4	62.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1911

Delta R.T. -0.04 min

Lab File: BM017861.D

Acq: 01 Dec 2018 17:46

Instrument :

BNA_M

ClientSampleId :

20180945-COMPOSITE-4

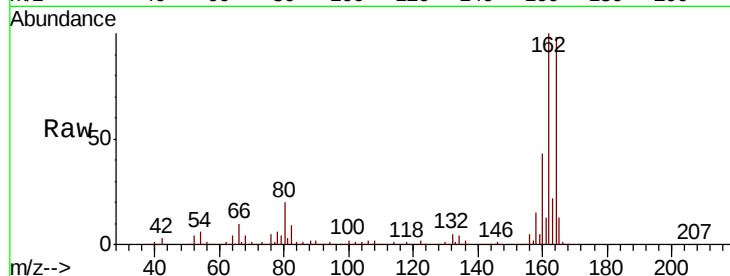
Tgt Ion:164 Resp: 527874

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

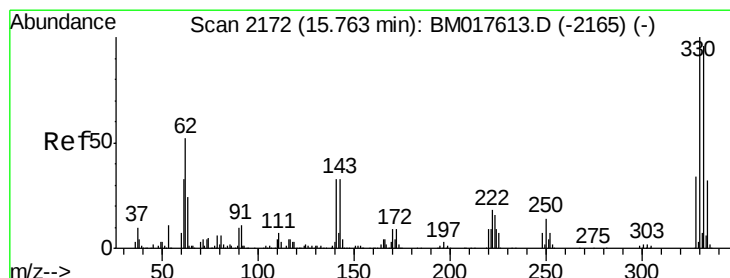
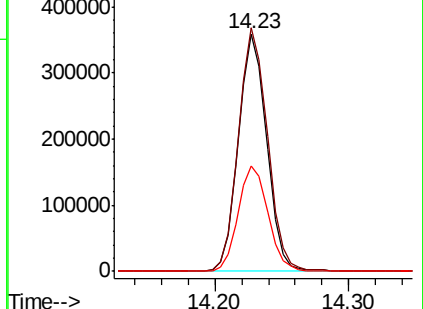
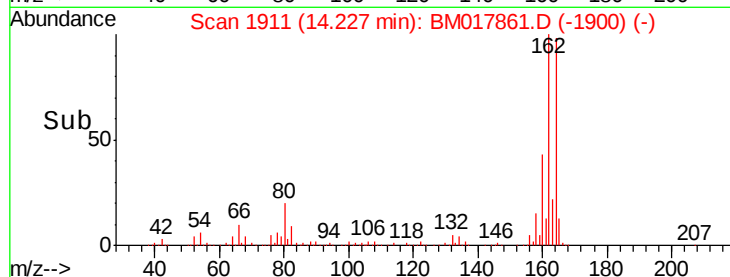
160 44.4 35.6 53.4



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: 113.906 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM017861.D

Acq: 01 Dec 2018 17:46

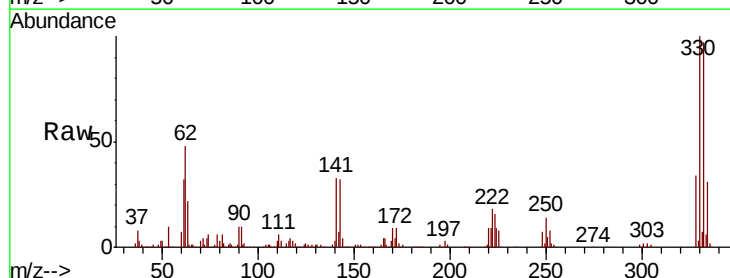
Tgt Ion:330 Resp: 863956

Ion Ratio Lower Upper

330 100

332 96.7 77.9 116.9

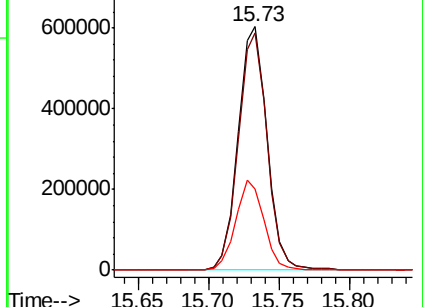
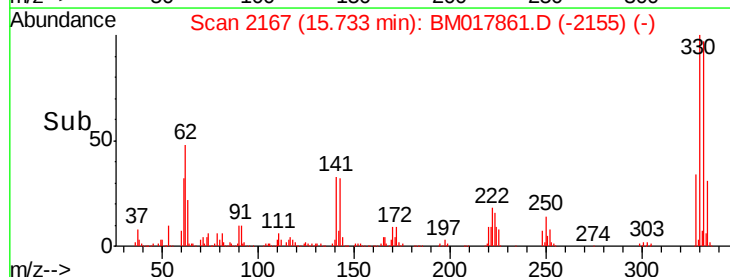
141 36.0 27.5 41.3

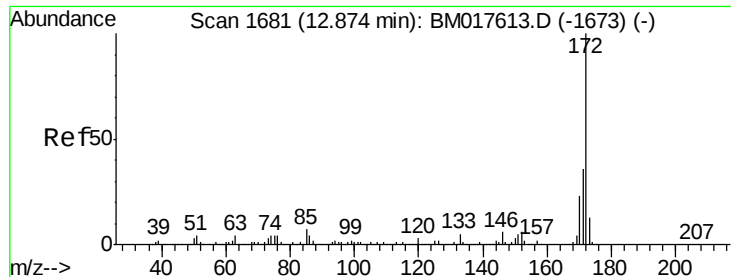


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

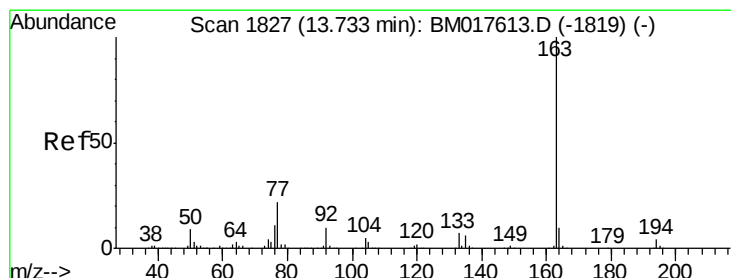
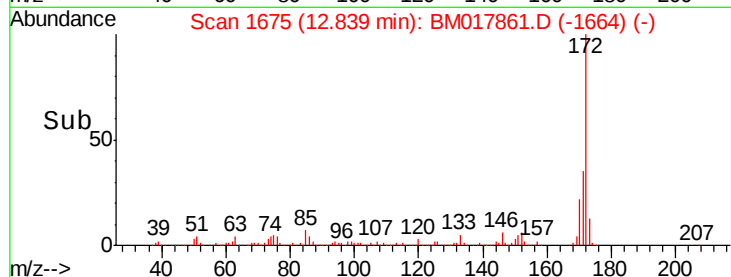
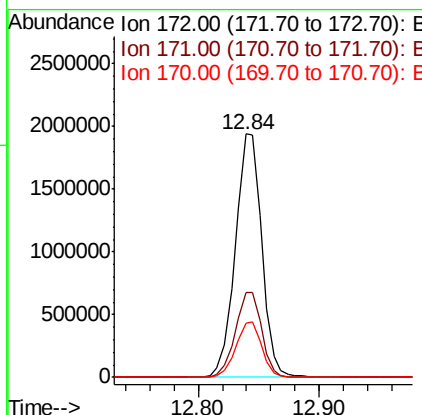
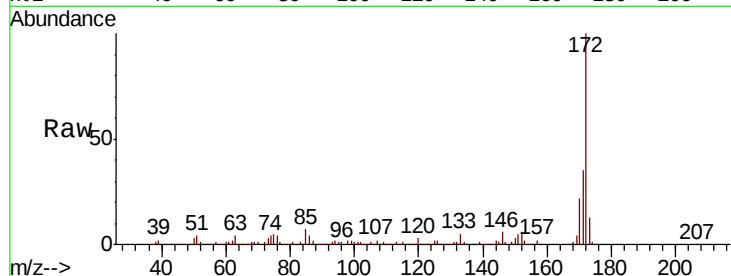




#45
 2-Fluorobiphenyl
 Concen: 72.865 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017861.D
 Acq: 01 Dec 2018 17:46

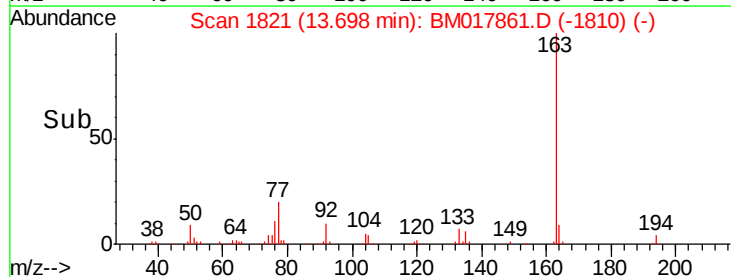
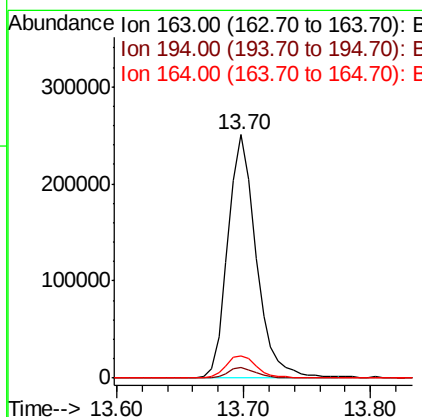
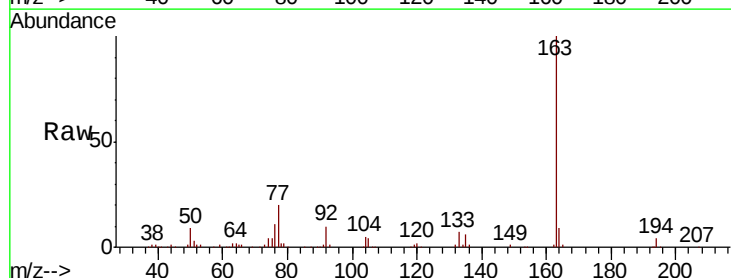
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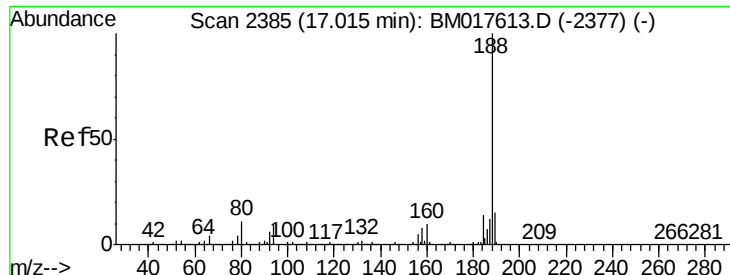
Tgt Ion:172 Resp: 2964795
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.7 43.1
 170 22.5 18.3 27.5



#50
 Dimethylphthalate
 Concen: 9.091 ng
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.04 min
 Lab File: BM017861.D
 Acq: 01 Dec 2018 17:46

Tgt Ion:163 Resp: 390149
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.1 4.7
 164 9.4 8.2 12.4

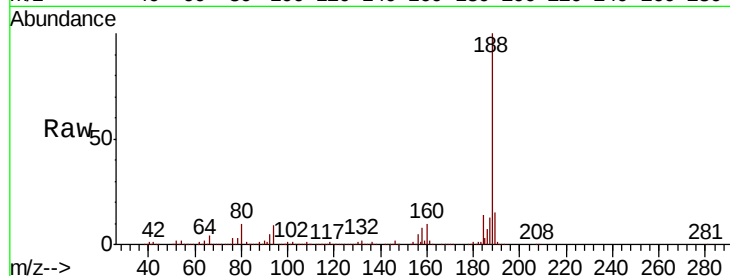




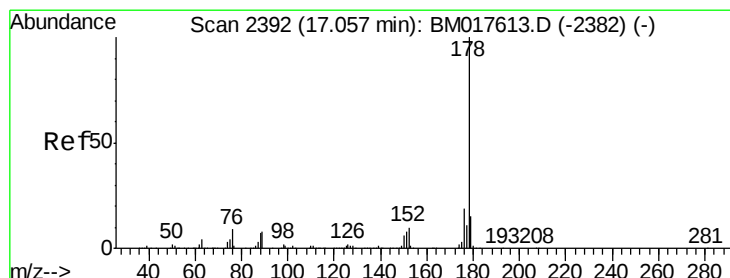
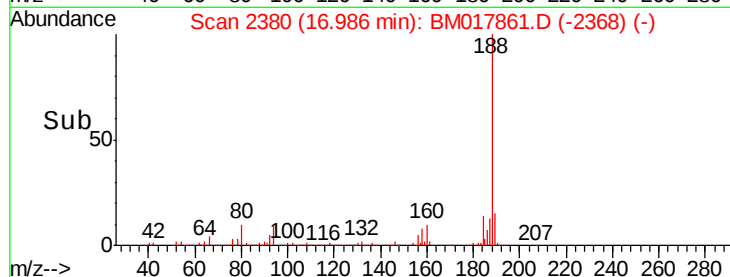
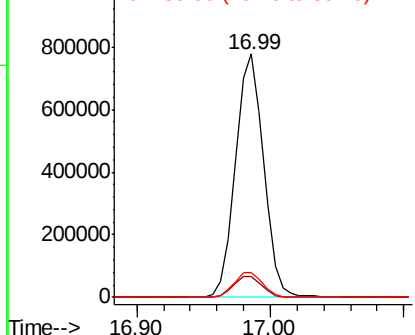
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

Instrument :
BNA_M
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:188 Resp: 1139175
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 10.1 8.6 13.0

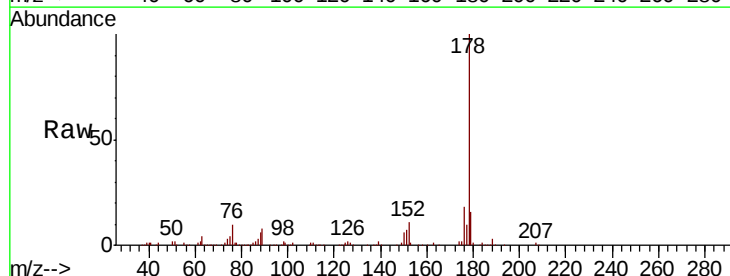


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

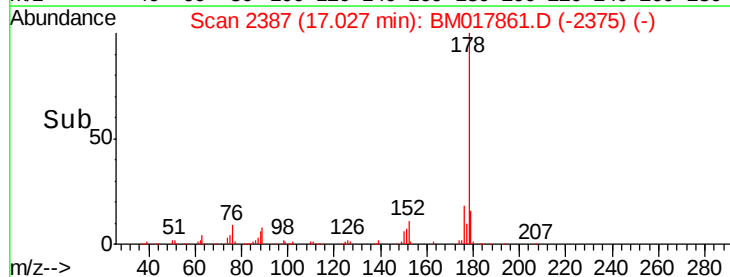
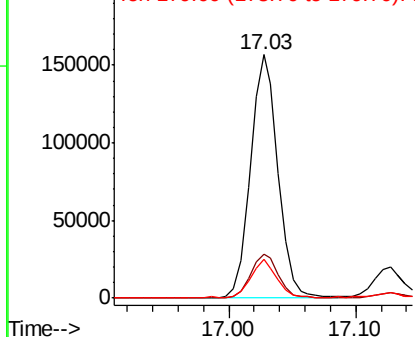


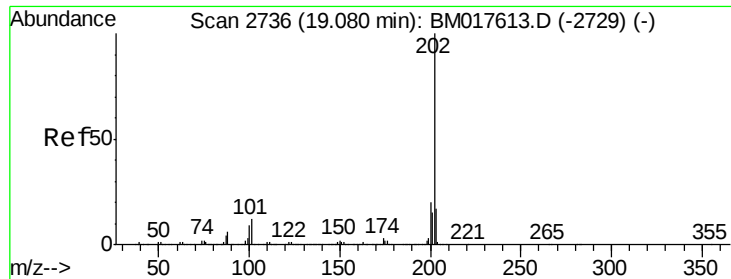
#71
Phenanthrene
Concen: 3.828 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

Tgt Ion:178 Resp: 236612
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 15.9 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 3.847 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM017861.D

Acq: 01 Dec 2018 17:46

Instrument :

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ClientSampleId :

20180945-COMPOSITE-4

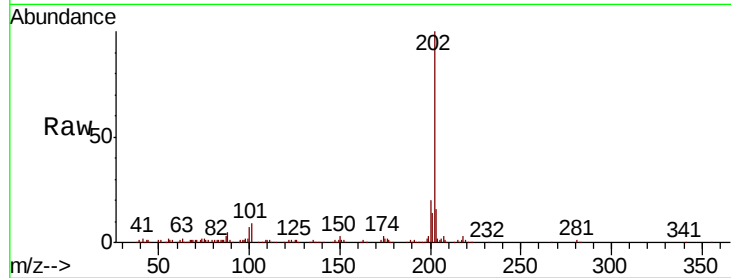
Tgt Ion: 202 Resp: 269088

Ion Ratio Lower Upper

202 100

101 9.4 0.0 31.5

203 16.5 0.0 37.2

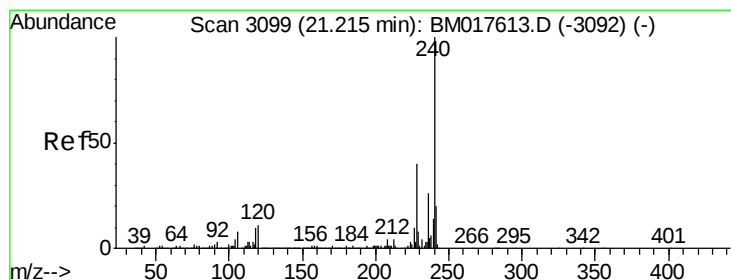
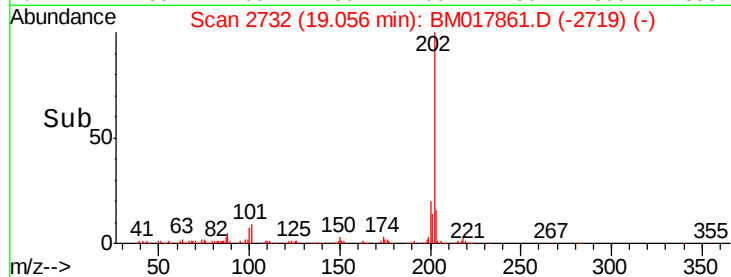
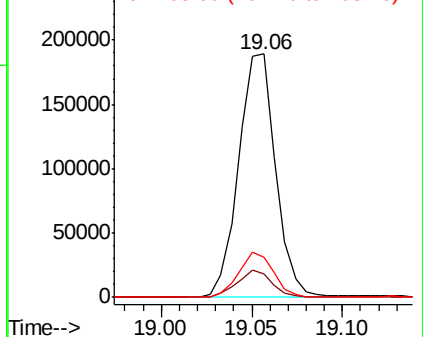


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.03 min

Lab File: BM017861.D

Acq: 01 Dec 2018 17:46

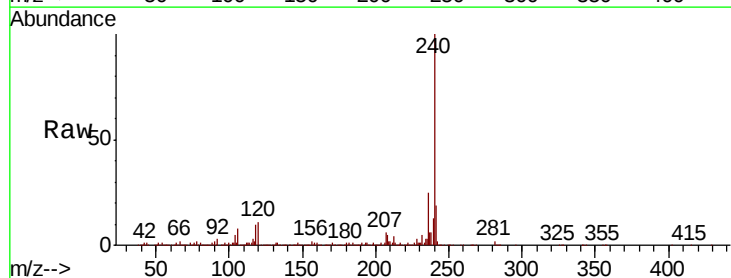
Tgt Ion: 240 Resp: 927411

Ion Ratio Lower Upper

240 100

120 10.8 8.5 12.7

236 25.3 20.4 30.6

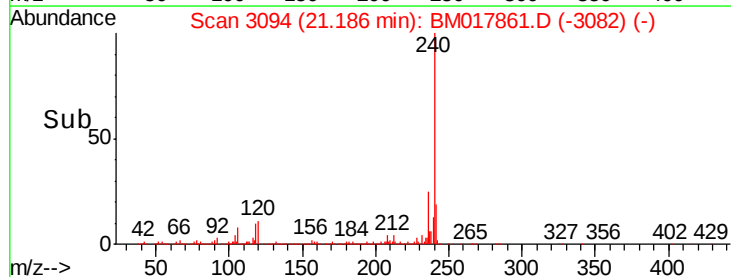
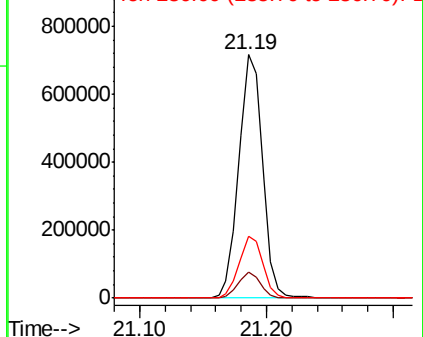


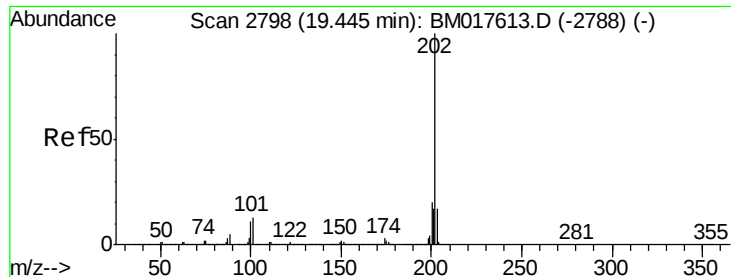
Abundance

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

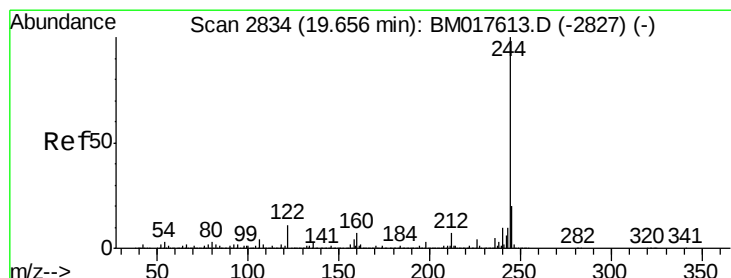
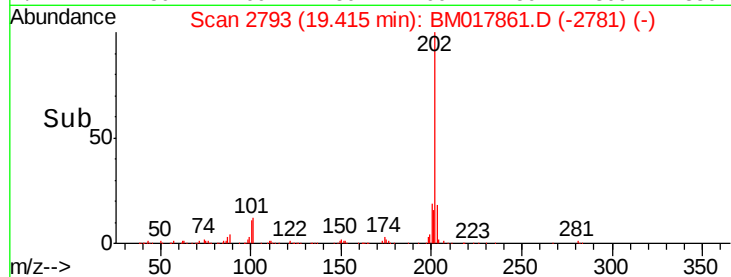
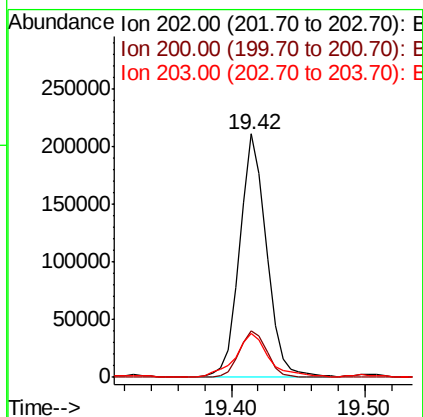
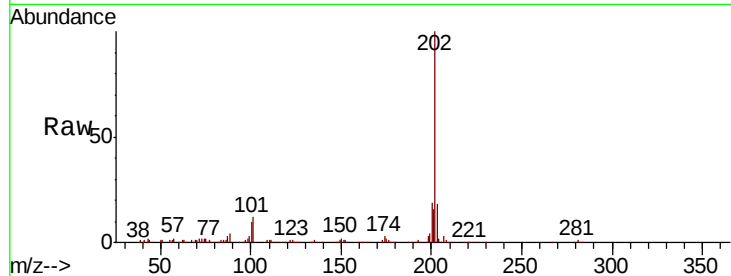




#78
 Pyrene
 Concen: 5.128 ng
 RT: 19.42 min Scan# 2793
 Delta R.T. -0.03 min
 Lab File: BM017861.D
 Acq: 01 Dec 2018 17:46

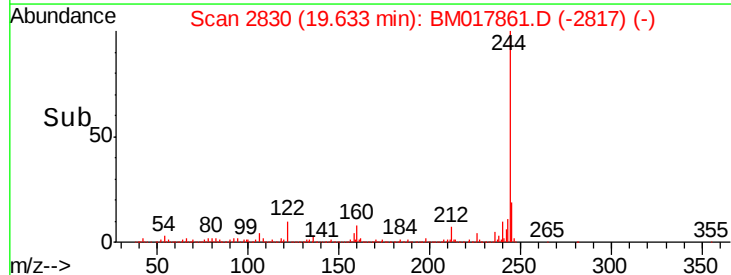
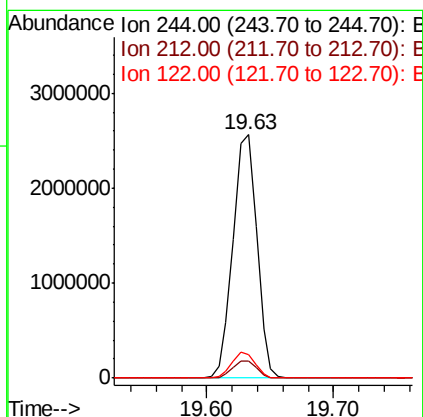
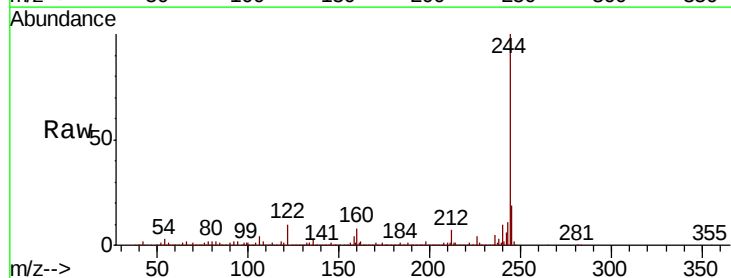
Instrument :
 BNA_M
 ClientSampleId :
 20180945-COMPOSITE-4

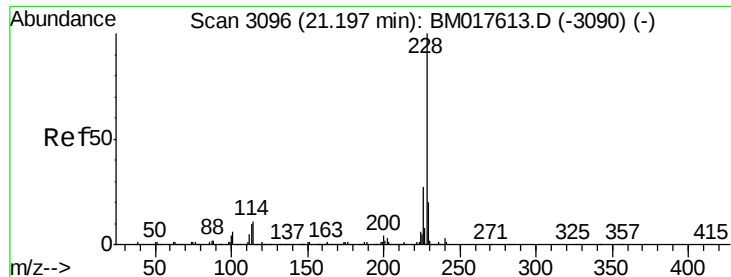
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.4	24.6
203	18.0	13.8	20.8



#79
 Terphenyl-d14
 Concen: 82.011 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM017861.D
 Acq: 01 Dec 2018 17:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	9.7	9.0	13.6

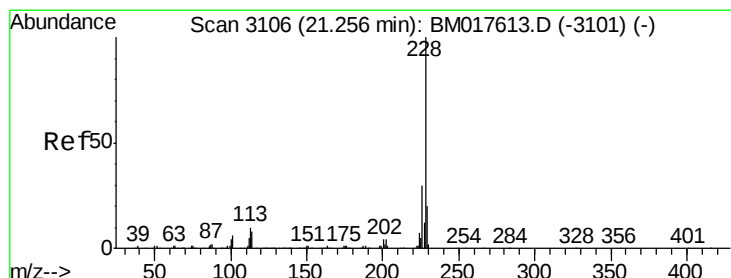
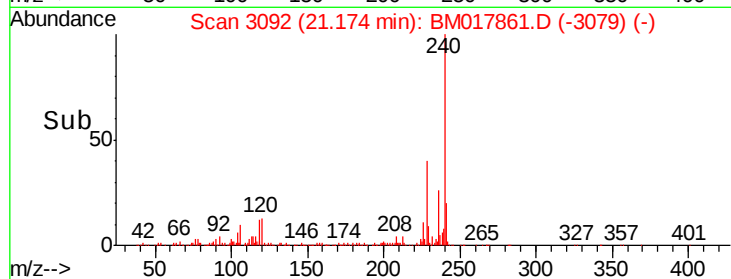
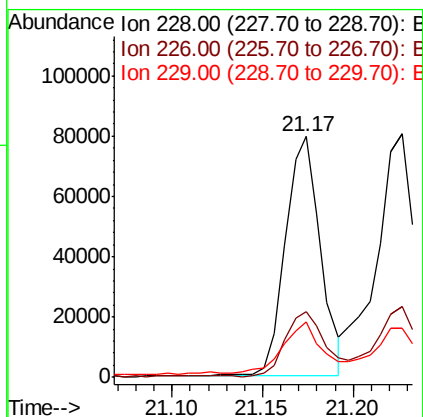
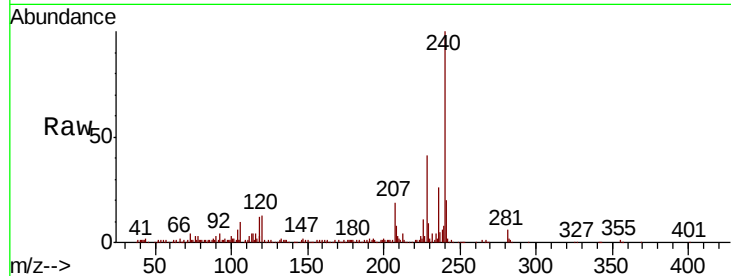




#81
Benzo(a)anthracene
Concen: 2.008 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

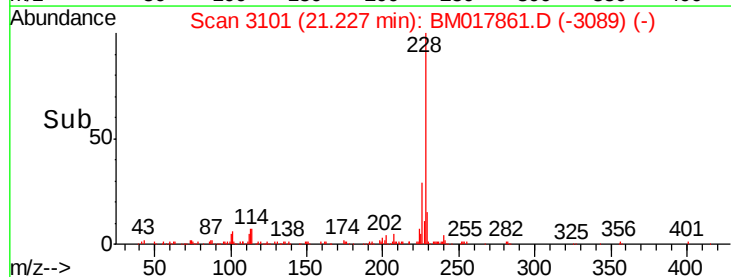
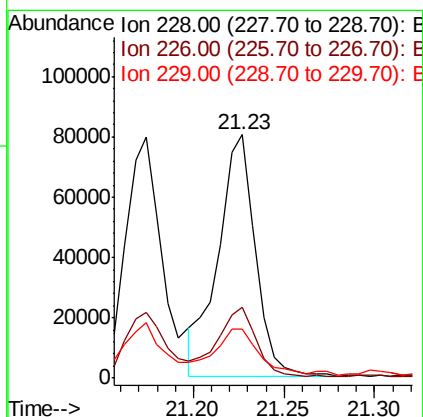
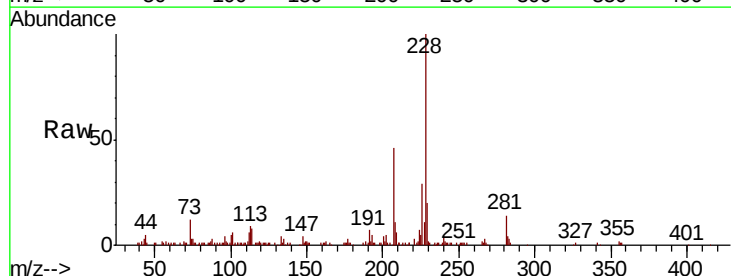
Instrument :
BNA_M
ClientSampleId :
20180945-COMPOSITE-4

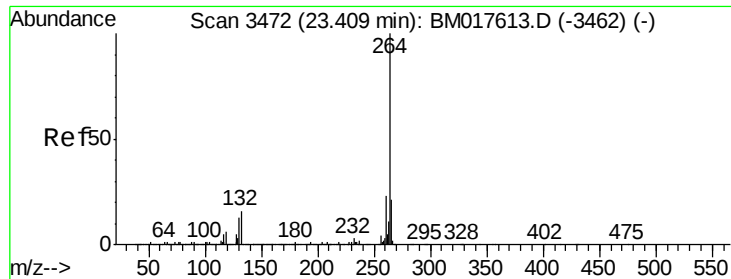
Tgt Ion:228 Resp: 107302
Ion Ratio Lower Upper
228 100
226 27.3 21.3 31.9
229 23.2 16.0 24.0



#83
Chrysene
Concen: 2.225 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.03 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

Tgt Ion:228 Resp: 115469
Ion Ratio Lower Upper
228 100
226 28.9 23.6 35.4
229 20.3 15.8 23.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.04 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

Instrument :
BNA_M
ClientSampleId :
20180945-COMPOSITE-4

Tgt Ion:	264	Resp:	872186
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.5	17.5	26.3

