

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 00:50:29 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

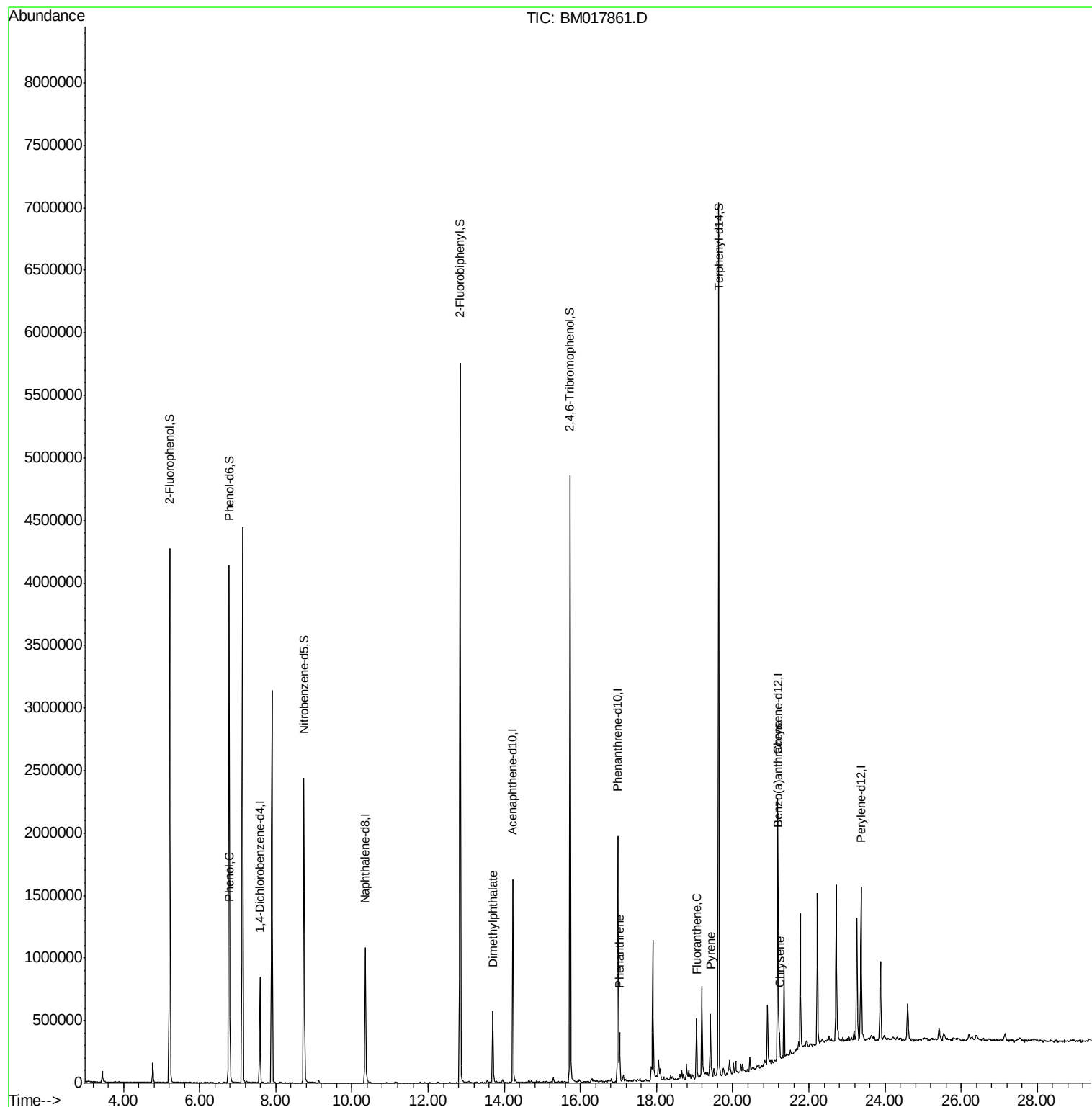
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	225387	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	920371	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	527874	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	1139175	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	927411	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

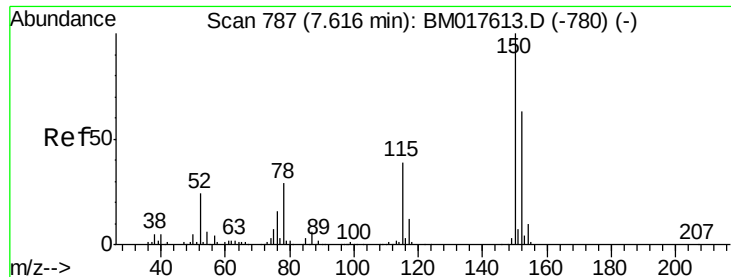
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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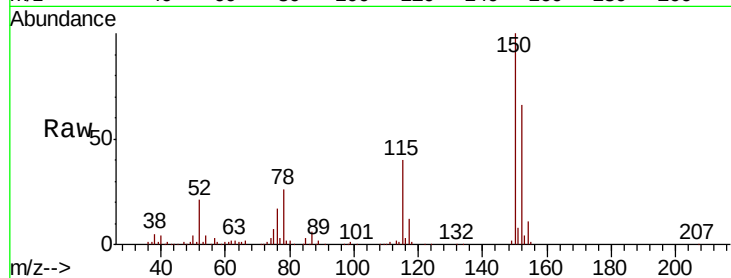


#1

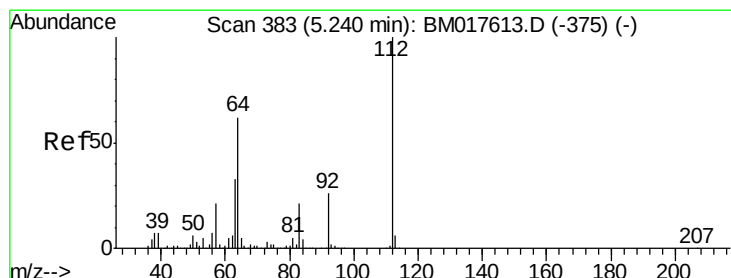
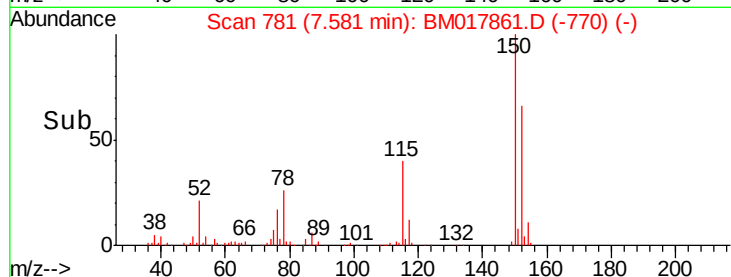
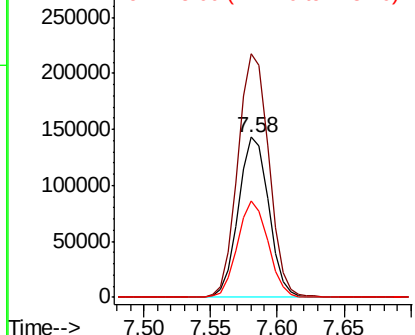
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

Instrument :
BNA_M
ClientSampleId :
20180945-COMPOSITE-4

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



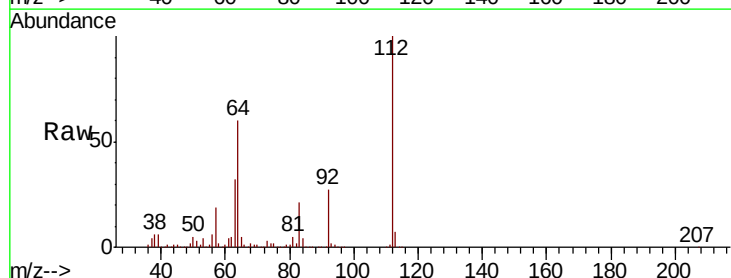
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



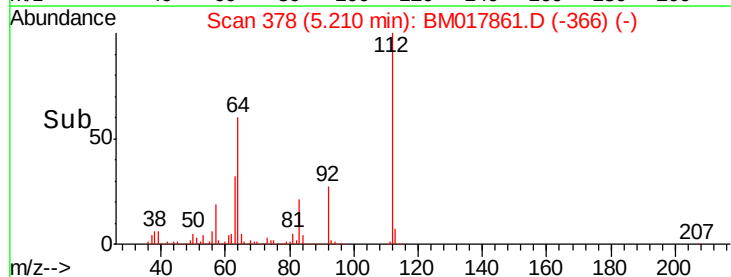
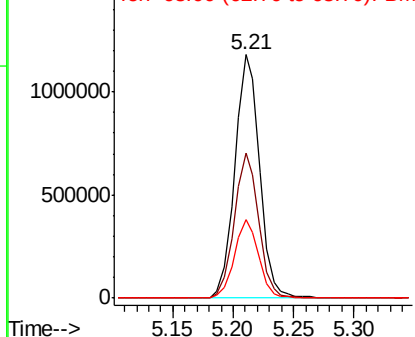
#5

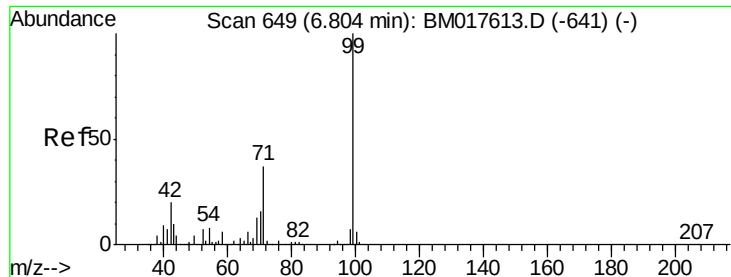
2-Fluorophenol
Concen: 125.531 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

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

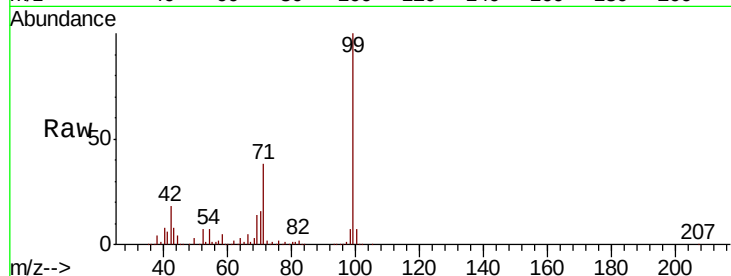
Tot Ion: 99 Resp: 2268961

Ion Ratio Lower Upper

99 100

42 17.9 16.3 24.5

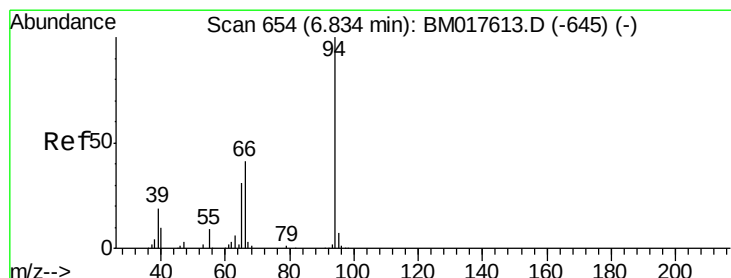
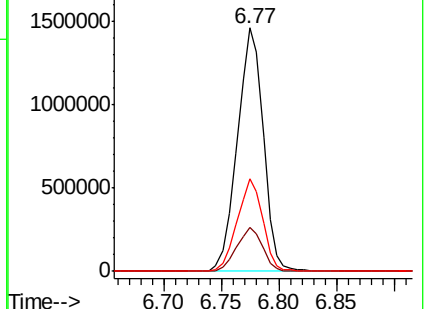
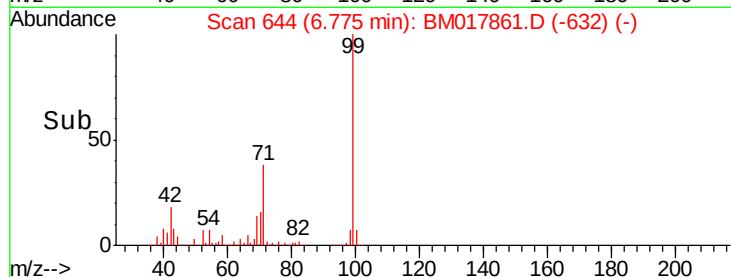
71 37.8 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017861.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017861.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017861.D (-632) (-)



#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

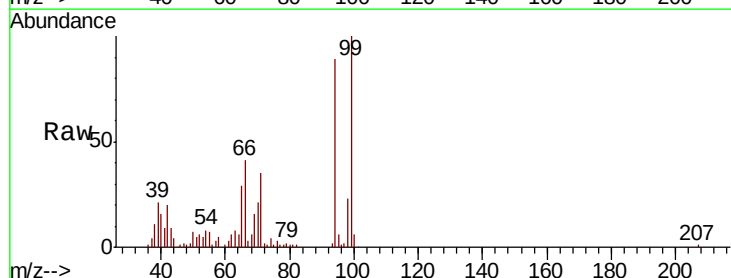
Tgt Ion: 94 Resp: 120070

Ion Ratio Lower Upper

94 100

65 32.6 11.4 51.4

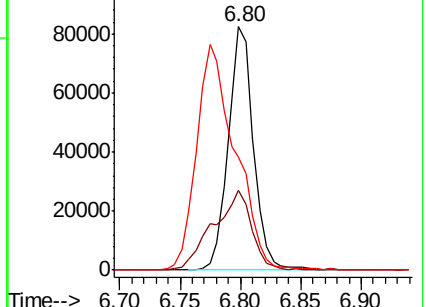
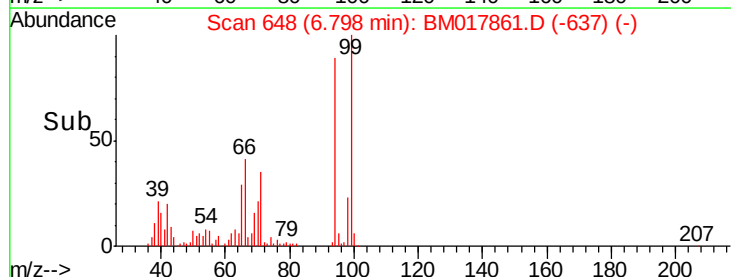
66 46.3 21.4 61.4

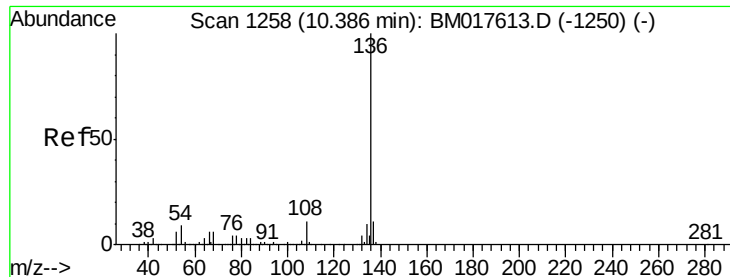


Abundance Ion 94.00 (93.70 to 94.70): BM017861.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM017861.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM017861.D (-637) (-)

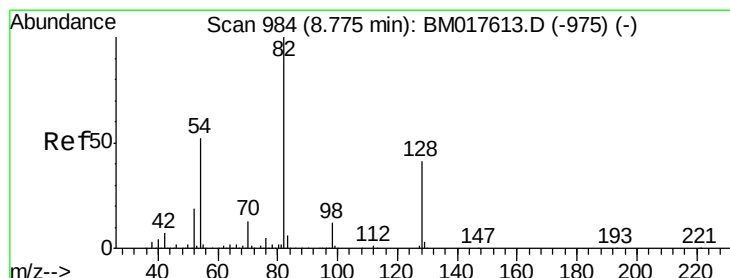
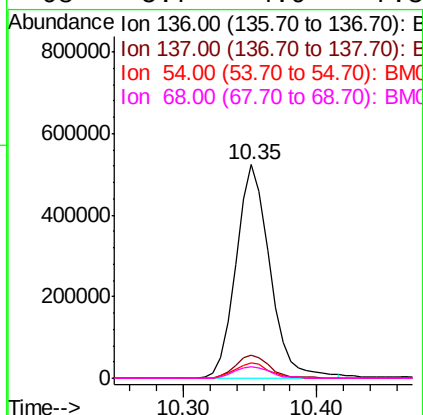
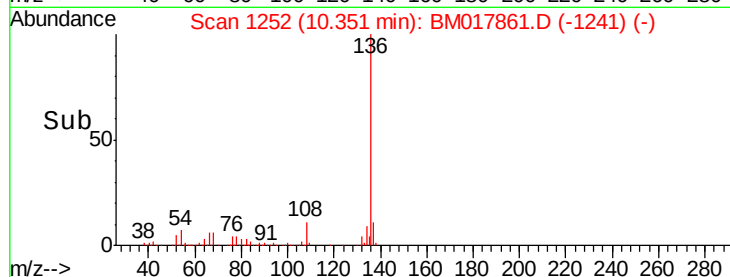
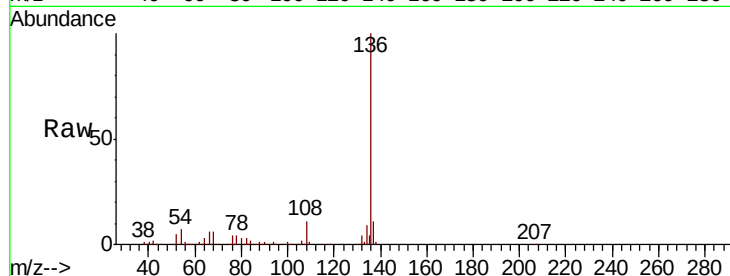




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

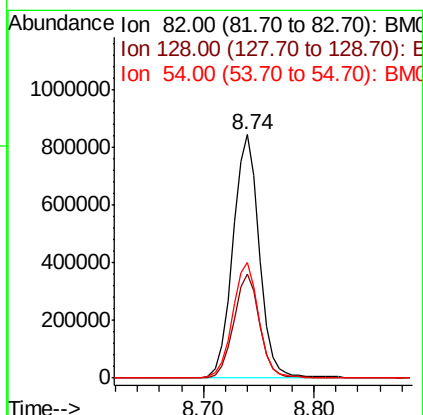
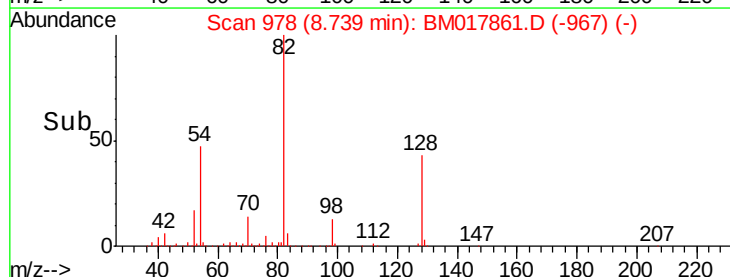
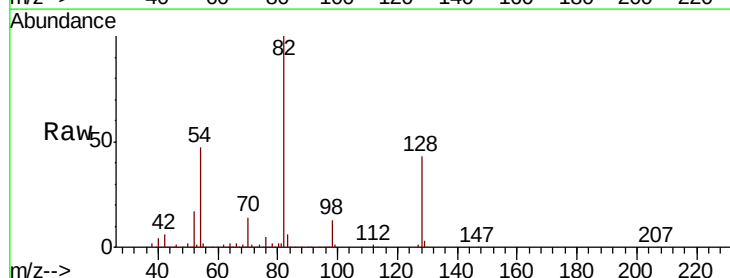
Instrument :
BNA_M
ClientSampleId :
20180945-COMPOSITE-4

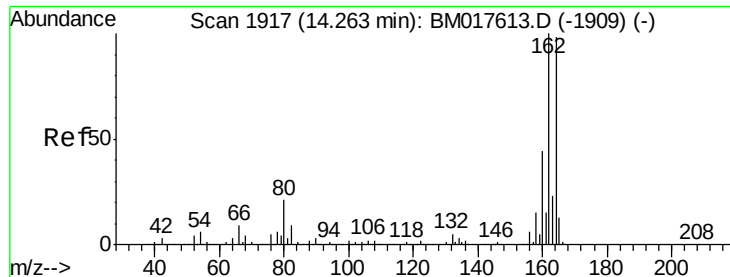
Tot Ion:136	Resp:	920371
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 12.8
54	7.2	7.0 10.6
68	5.7	4.9 7.3



#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

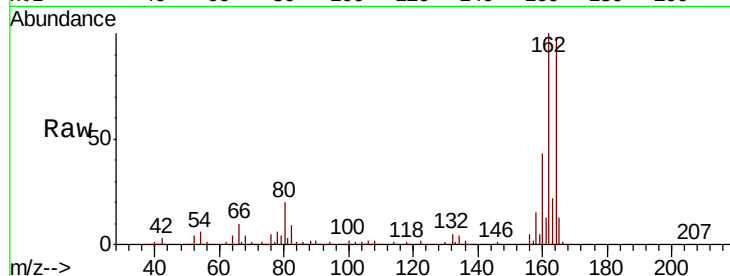
Tot Ion:164 Resp: 527874

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.0

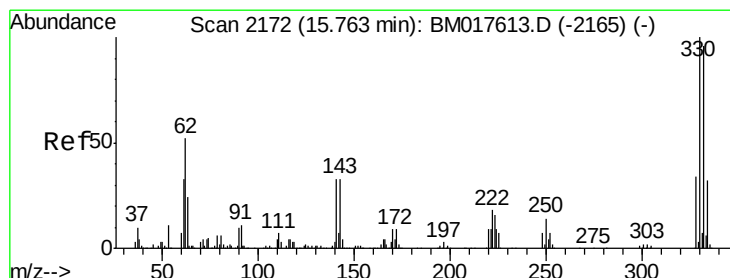
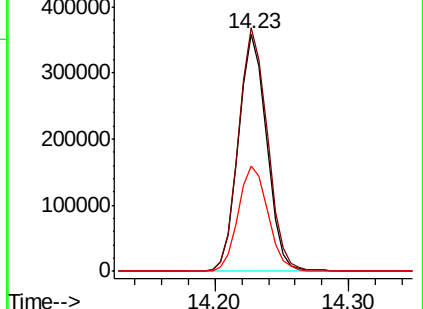
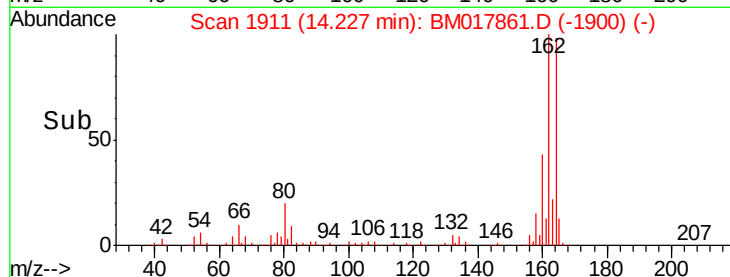
160 44.4 35.6 53.4



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

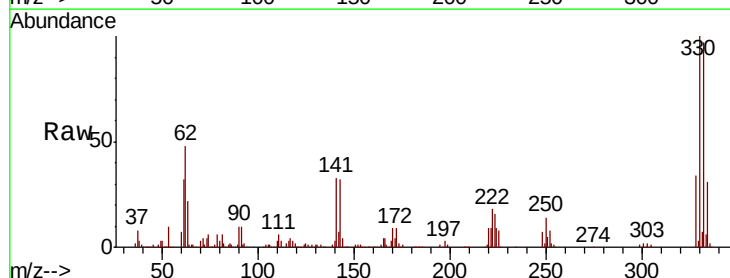
Tgt Ion:330 Resp: 863956

Ion Ratio Lower Upper

330 100

332 96.7 77.9 116.9

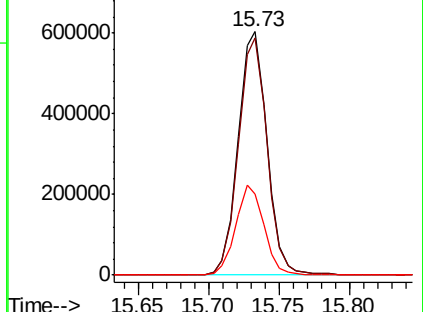
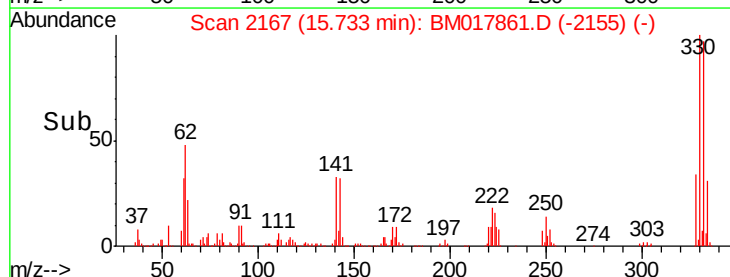
141 36.0 27.5 41.3

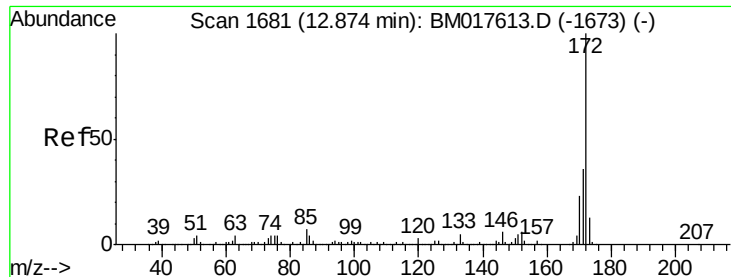


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

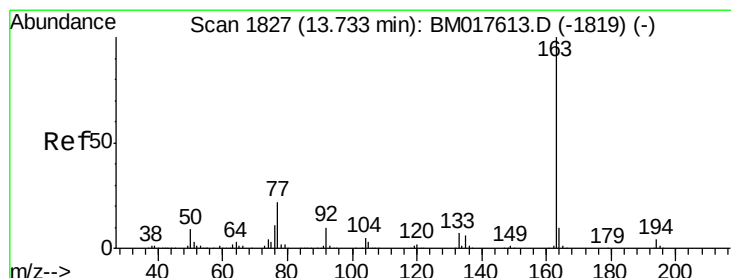
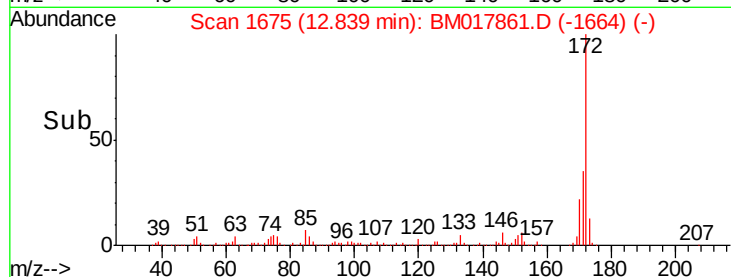
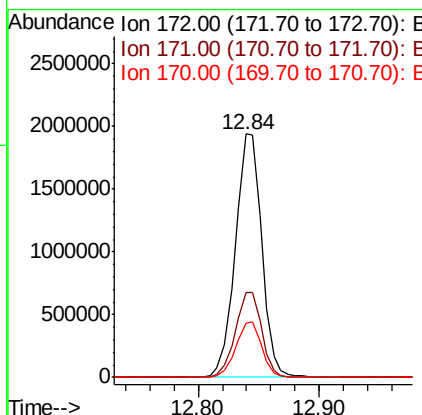
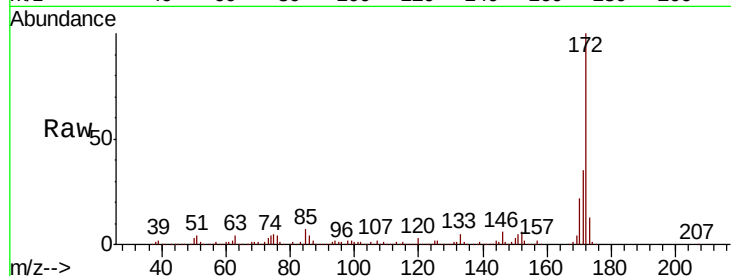




#45
2-Fluorobiphenyl
Concen: 72.865 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

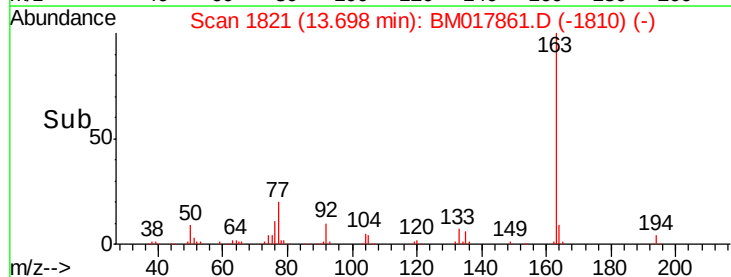
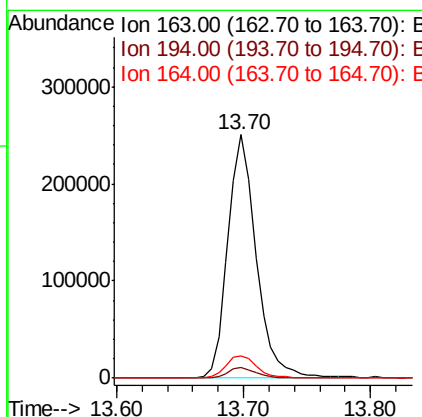
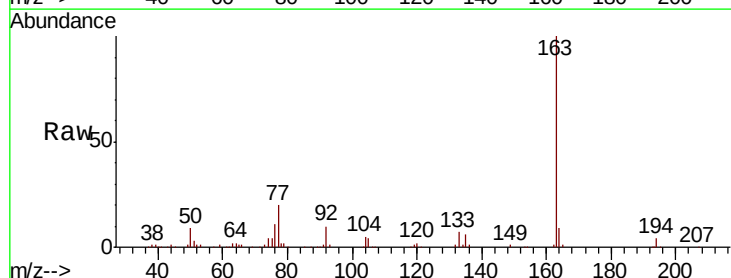
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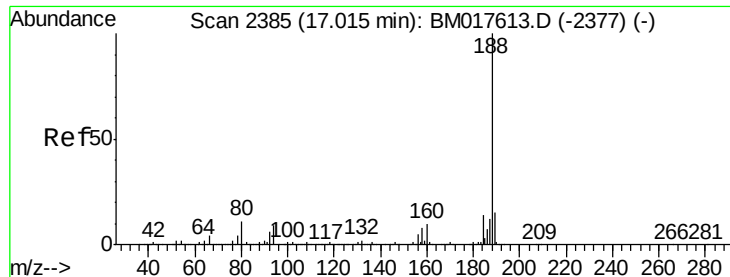
Tot Ion:172 Resp: 2964795
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 22.5 18.3 27.5



#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

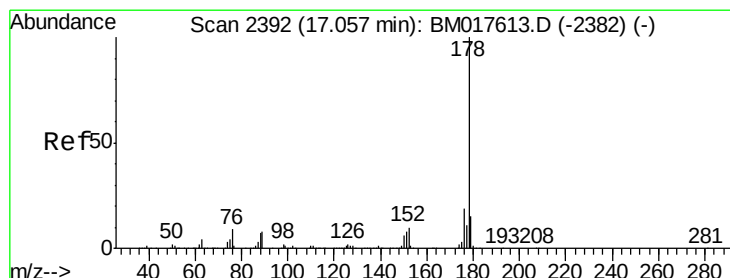
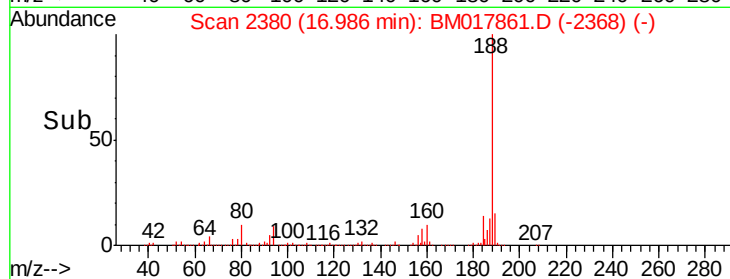
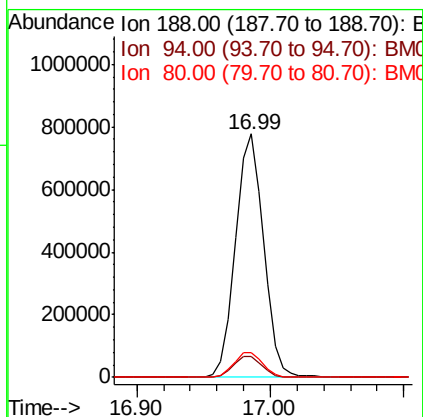
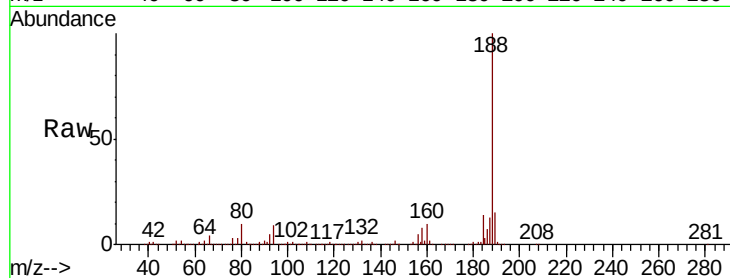




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

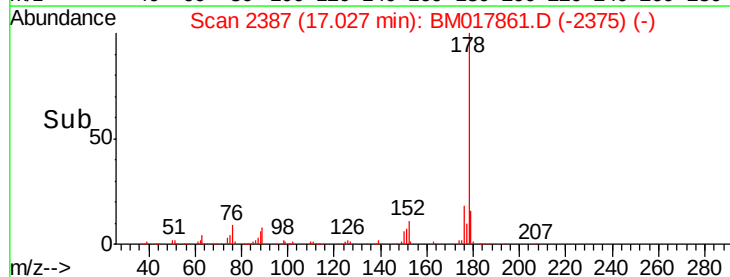
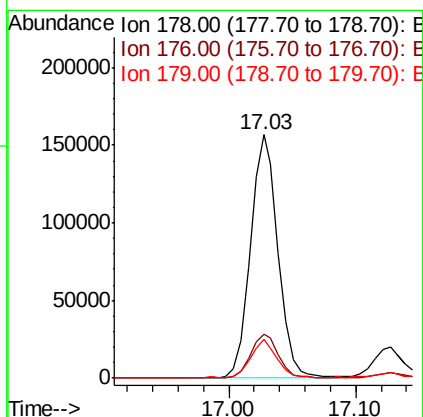
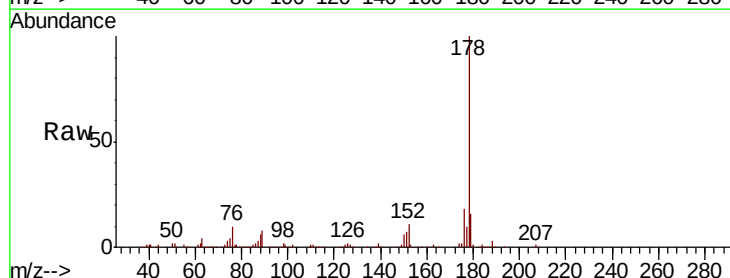
Instrument :
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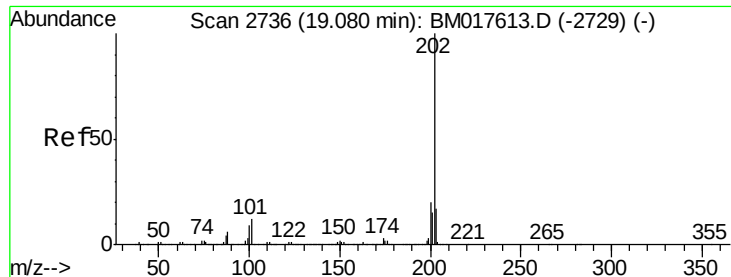
Tot Ion:188 Resp: 1139175
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 10.1 8.6 13.0



#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





#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

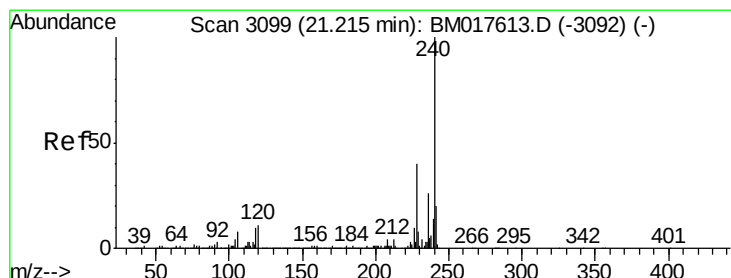
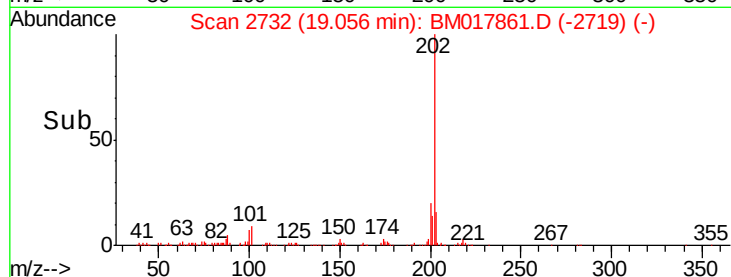
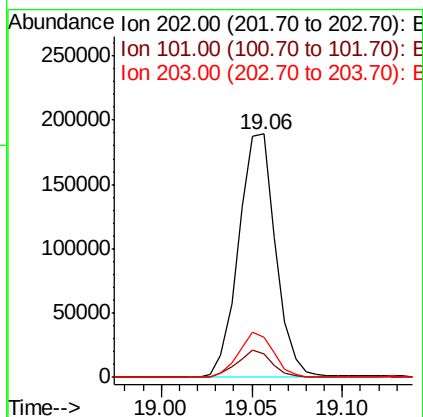
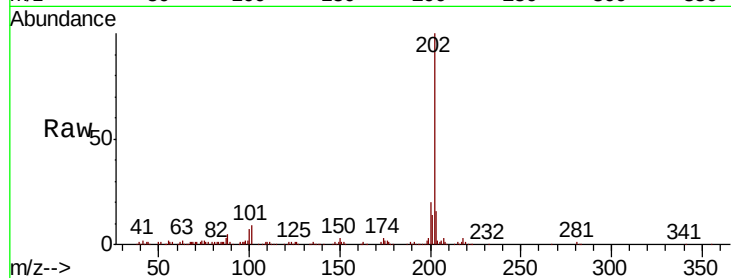
Instrument :

BNA_M

ClientSampleId :

20180945-COMPOSITE-4

Tot Ion:	202	Resp:	269088
Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	31.5
203	16.5	0.0	37.2



#76

Chrysene-d12

Concen: 20.000 ng

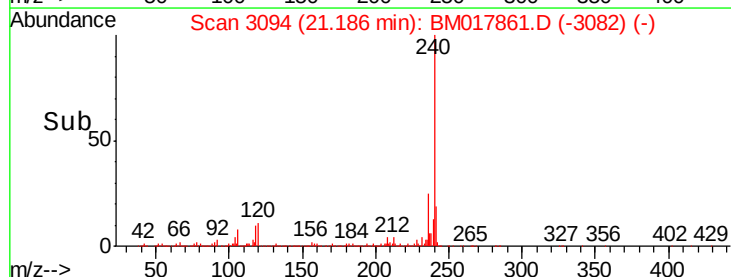
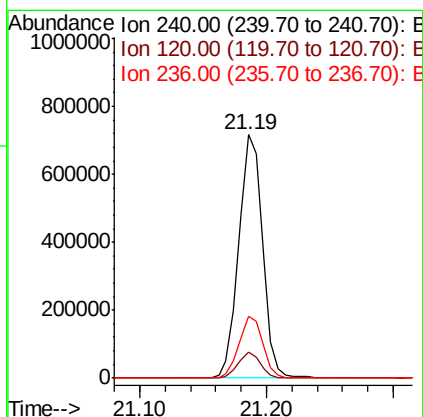
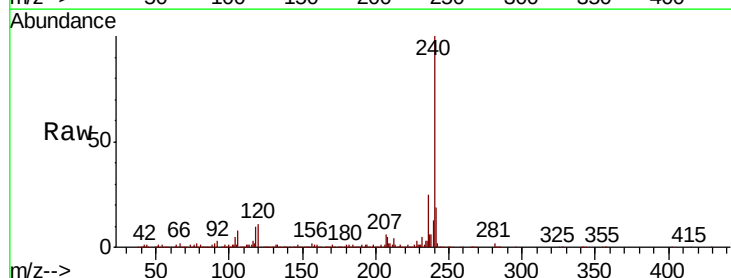
RT: 21.19 min Scan# 3094

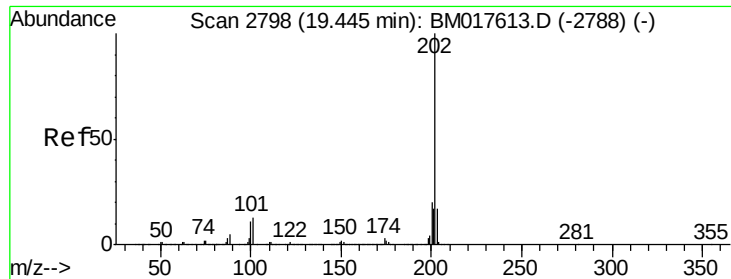
Delta R.T. -0.03 min

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

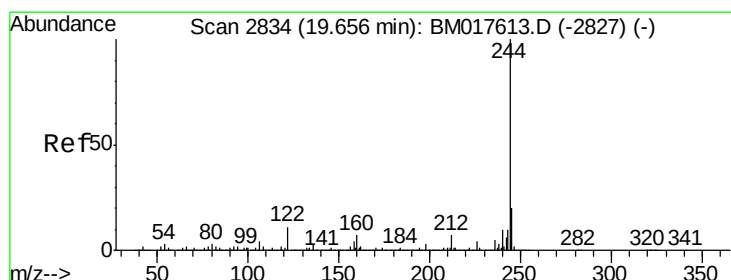
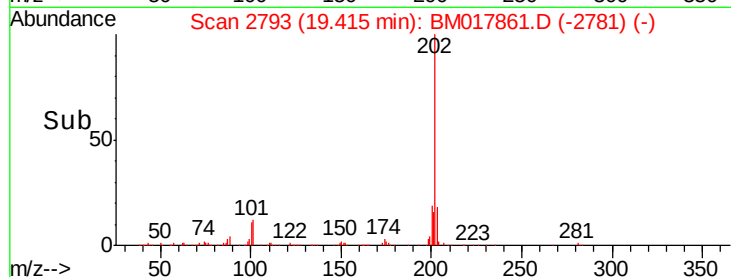
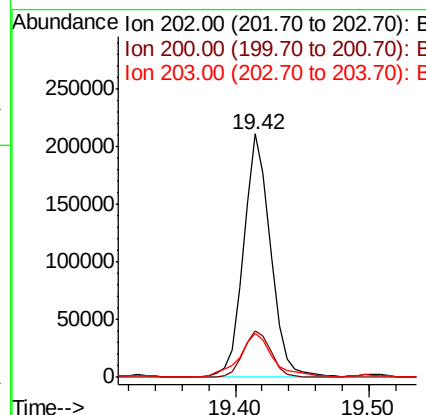
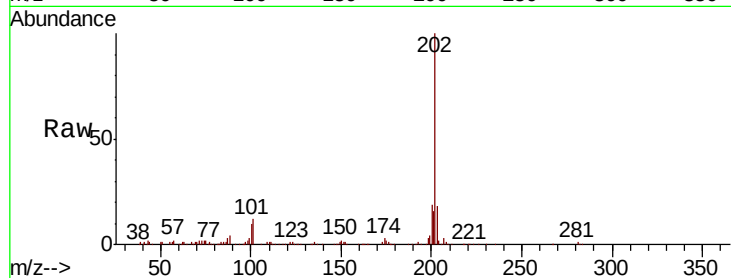




#78
Pvrene
Concen: 5.128 ng
RT: 19.42 min Scan# 2793
Delta R.T. -0.03 min
Lab File: BM017861.D
Acq: 01 Dec 2018 17:46

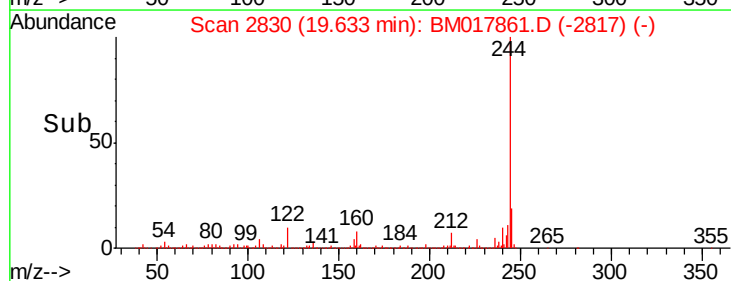
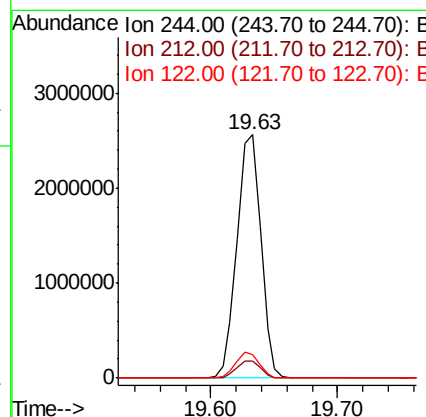
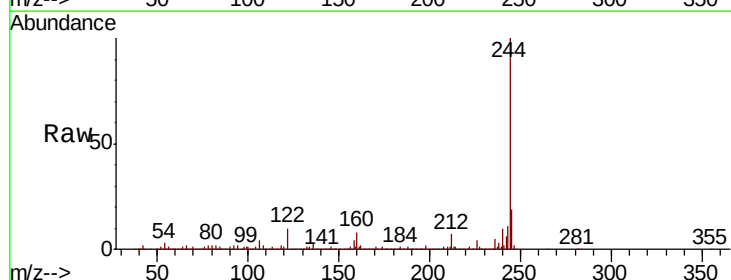
Instrument :
BNA_M
ClientSampleId :
20180945-COMPOSITE-4

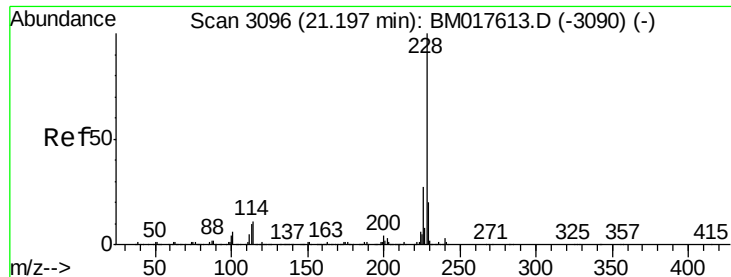
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.4	24.6
203	18.0	13.8	20.8



#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

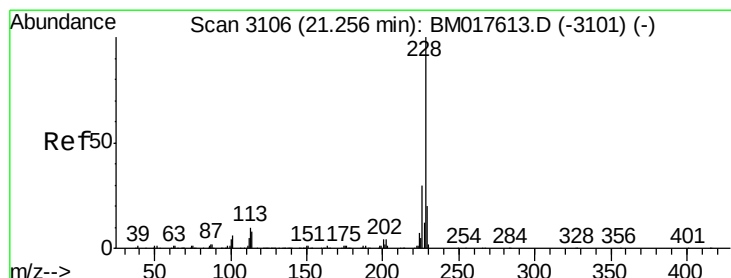
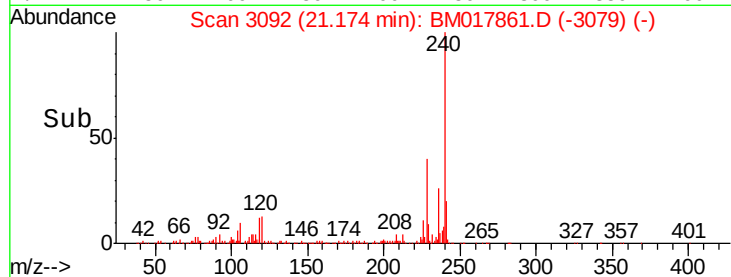
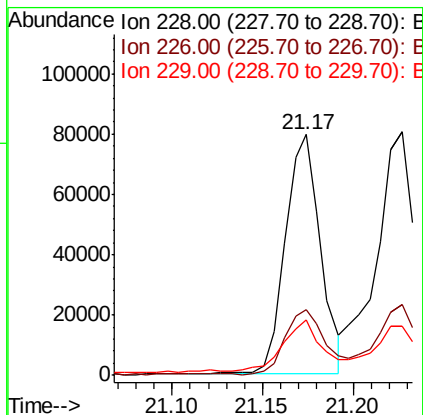
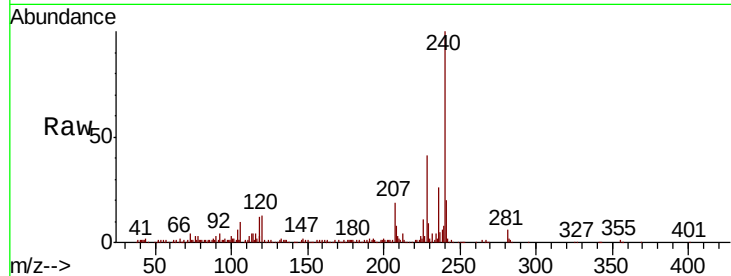
Instrument :

BNA_M

ClientSampleId :

20180945-COMPOSITE-4

Tot 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

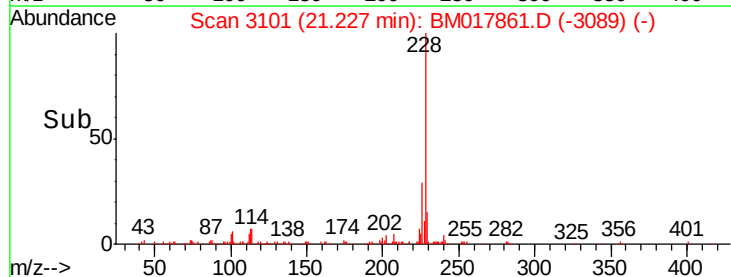
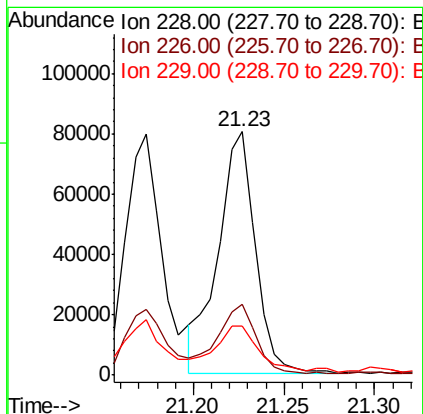
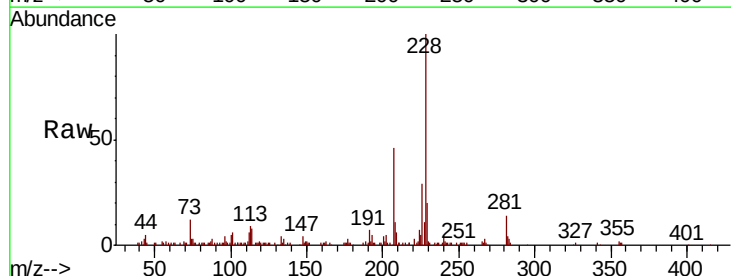
RT: 21.23 min Scan# 3101

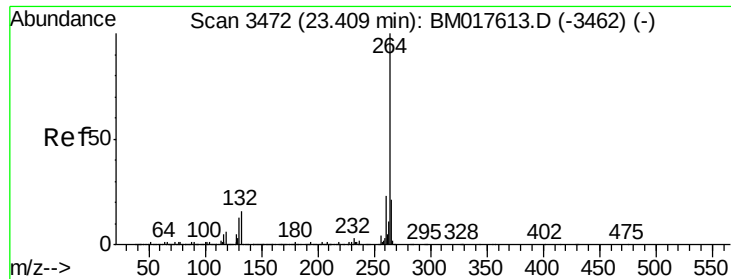
Delta R.T. -0.03 min

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
Pervlene-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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.5	17.5	26.3

