

Data File : BM017336.D
Acq On : 25 Oct 2018 02:33
Operator : MJ/SJ
Sample : J5598-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD8

Quant Time: Oct 25 08:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	371528	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1652617	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	953576	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2190721	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2166129	20.00	ng/ul	0.01
86) Perylene-d12	23.34	264	1920985	20.00	ng/ul	-0.11

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	21378	2.65	ng/uL	0.00
5) Phenol-d5	6.83	99	573768	16.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	330216	16.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	472220	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	458108	17.07	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	234117	18.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	266993	18.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	480763	17.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	402723	18.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1467480	17.95	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1856806	18.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	234649	15.36	ng/ul	0.01
58) Fluorene-d10	15.29	176	1307514	18.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	234509	15.36	ng/ul	0.00
71) Anthracene-d10	17.15	188	2045977	18.87	ng/ul	0.00
79) Pyrene-d10	19.45	212	2298026	22.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	1912545	18.85	ng/ul	0.03

Target Compounds

					Qvalue	
6) Phenol	6.86	94	182470	5.415	ng/ul	96
28) Naphthalene	10.48	128	603570	6.981	ng/ul	100
30) 4-Chloroaniline	10.48	127	77980	3.473	ng/ul#	11
34) 2-Methylnaphthalene	12.10	142	185587	2.921	ng/ul	100
35) 1-Methylnaphthalene	12.32	142	75838	1.245	ng/ul	94
45) Dimethylphthalate	13.76	163	376781	4.756	ng/ul	99
48) Acenaphthylene	14.02	152	2797332	30.019	ng/ul	99
50) Acenaphthene	14.36	153	103073	1.545	ng/ul	94
54) Dibenzofuran	14.70	168	527209	5.578	ng/ul	97
59) Fluorene	15.35	166	188997	2.426	ng/ul#	98
70) Phenanthrene	17.09	178	2158567	17.159	ng/ul	100
72) Anthracene	17.19	178	6043944	47.303	ng/ul	99
75) Carbazole	17.46	167	1398600	12.519	ng/ul	99
77) Fluoranthene	19.27	202	924352	6.410	ng/ul	99
83) Benzo(a)anthracene	21.24	228	12786058	96.458	ng/ul#	89
84) Bis(2-ethylhexyl)phthalate	21.17	149	77011	1.049	ng/ul#	94
85) Chrysene	21.24	228	12724327	100.949	ng/ul	93
91) Benzo(a)pyrene	23.40	252	13322637	121.277	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.52	276	222714	1.666	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.39	278	1426924	12.785	ng/ul	97
94) Benzo(g,h,i)perylene	26.04	276	554494	4.883	ng/ul#	48

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Quantitation Report (Not Reviewed)

Data File : BM017336.D
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

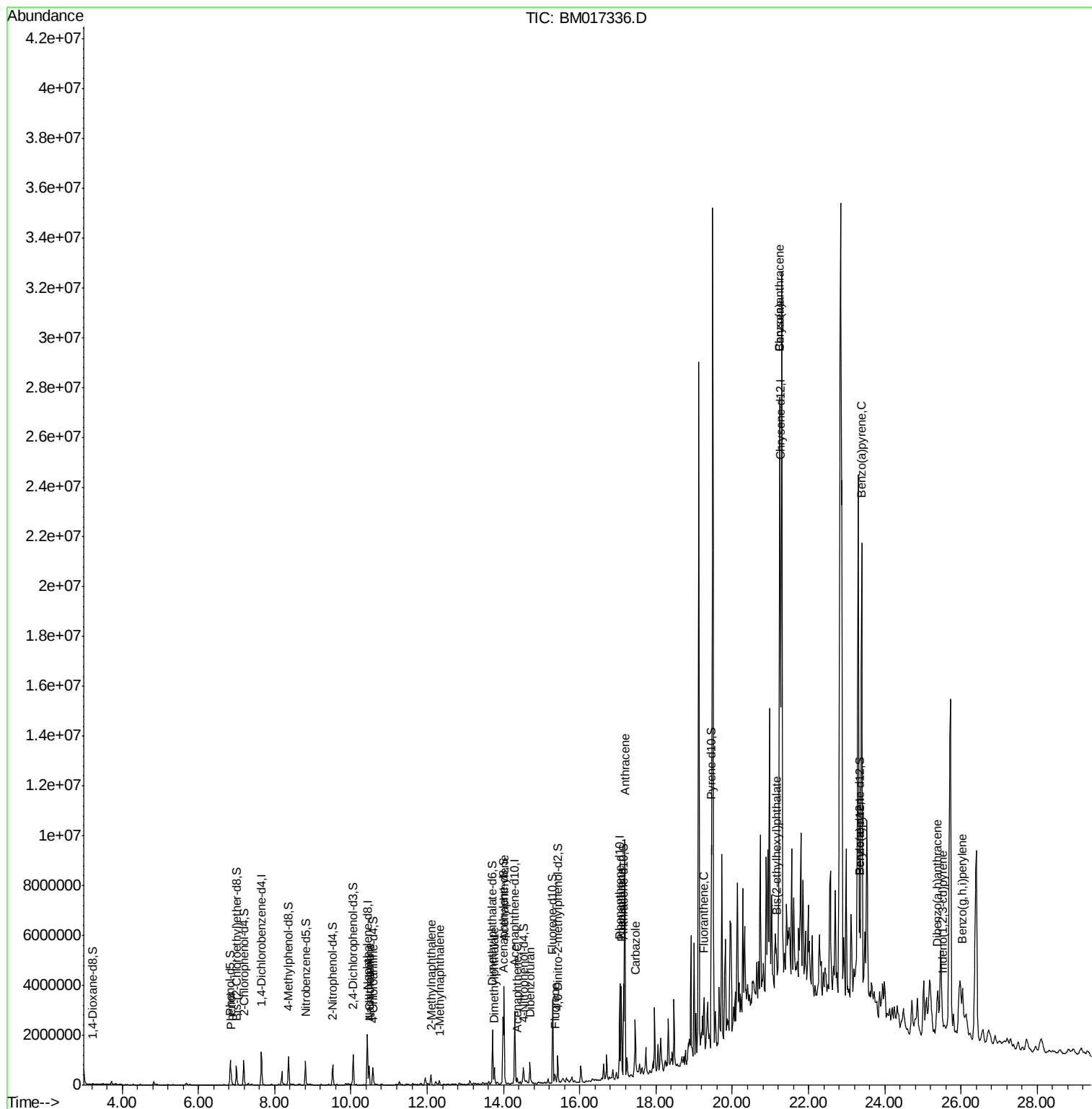
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

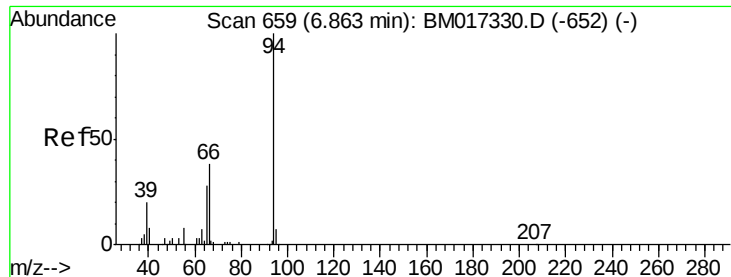
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#6

Phenol

Concen: 5.415 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM017336.D

Acq: 25 Oct 2018 02:33

Instrument :

BNA_M

ClientSampleId :

C0AD8

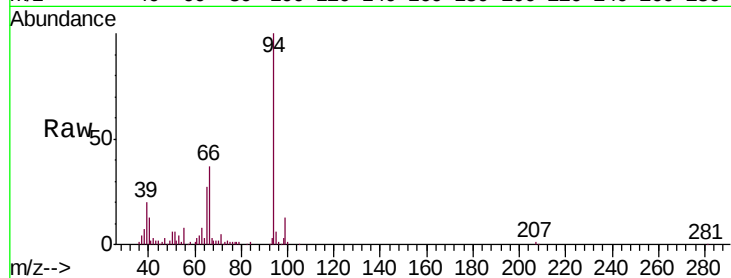
Tgt Ion: 94 Resp: 182470

Ion Ratio Lower Upper

94 100

65 27.3 24.0 36.0

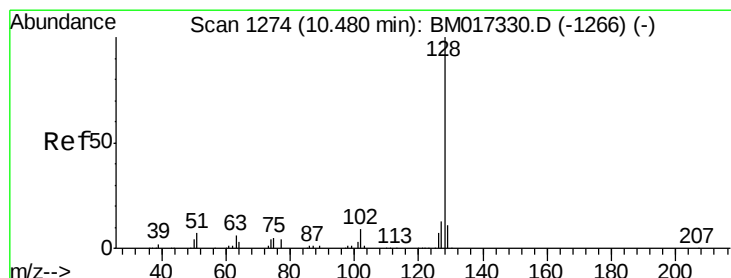
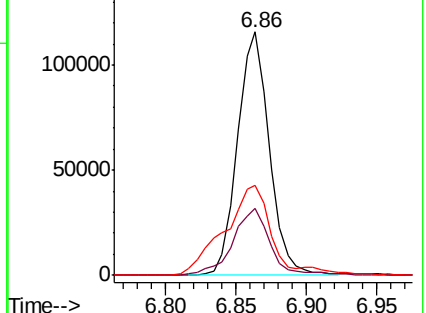
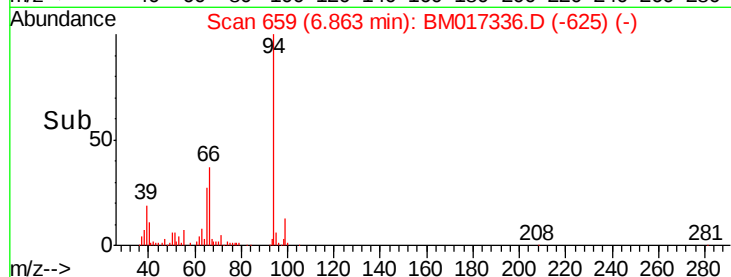
66 37.0 31.1 46.7



Abundance Ion 94.00 (93.70 to 94.70): BM017336.D (-625) (-)

Ion 65.00 (64.70 to 65.70): BM017336.D (-625) (-)

Ion 66.00 (65.70 to 66.70): BM017336.D (-625) (-)



#28

Naphthalene

Concen: 6.981 ng/ul

RT: 10.48 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BM017336.D

Acq: 25 Oct 2018 02:33

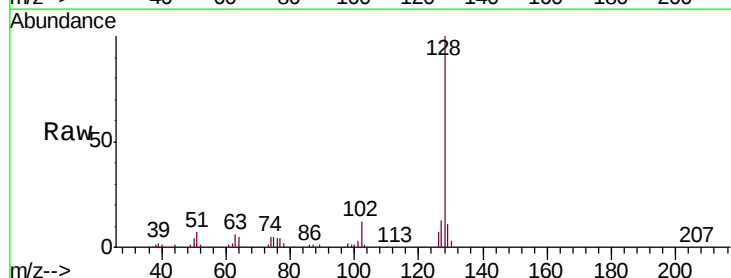
Tgt Ion: 128 Resp: 603570

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

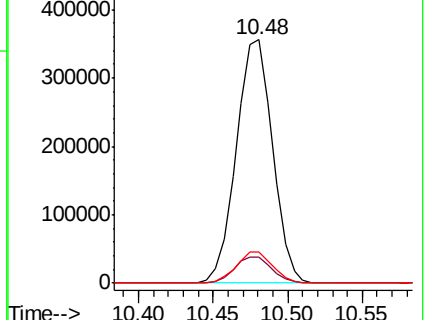
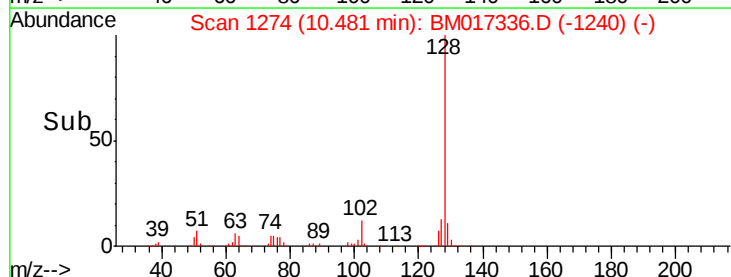
127 12.9 10.3 15.5

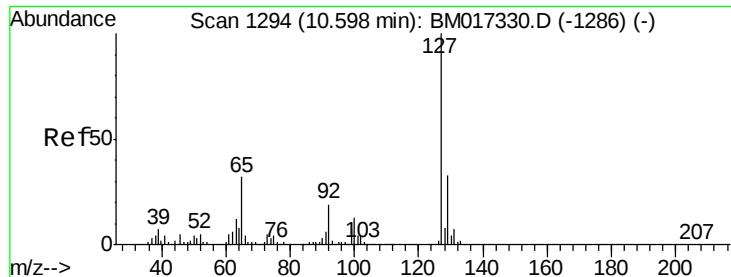


Abundance Ion 128.00 (127.70 to 128.70): BM017336.D (-1240) (-)

Ion 129.00 (128.70 to 129.70): BM017336.D (-1240) (-)

Ion 127.00 (126.70 to 127.70): BM017336.D (-1240) (-)

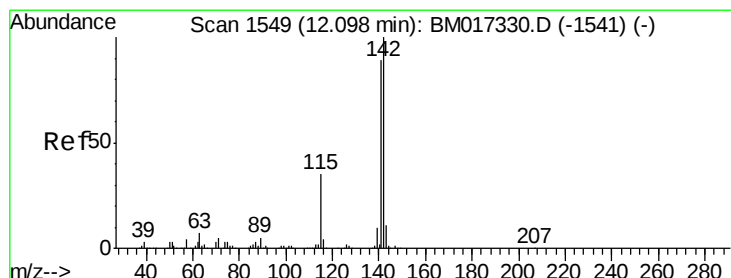
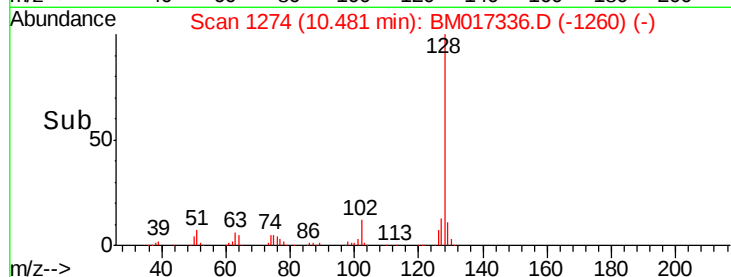
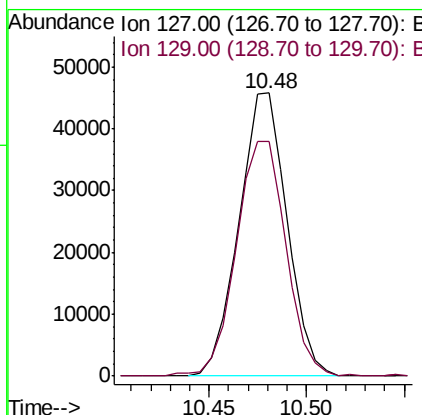
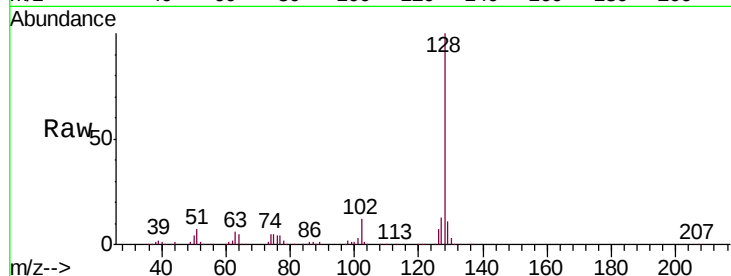




#30
 4-Chloroaniline
 Concen: 3.473 ng/ul
 RT: 10.48 min Scan# 1274
 Delta R.T. -0.12 min
 Lab File: BM017336.D
 Acq: 25 Oct 2018 02:33

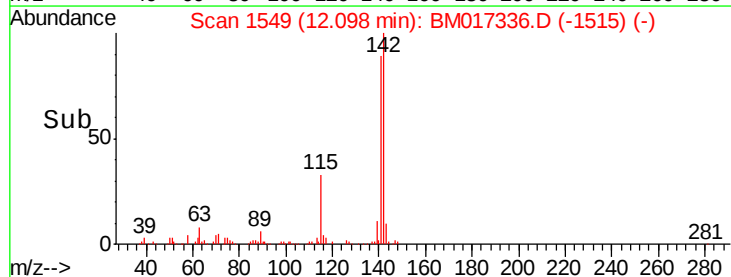
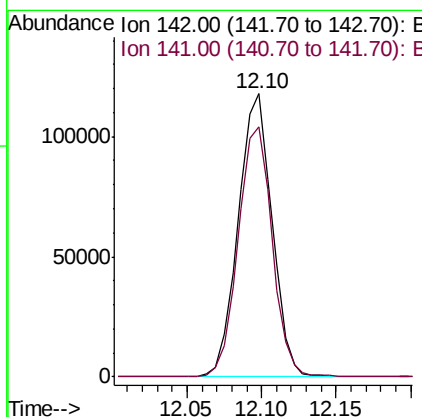
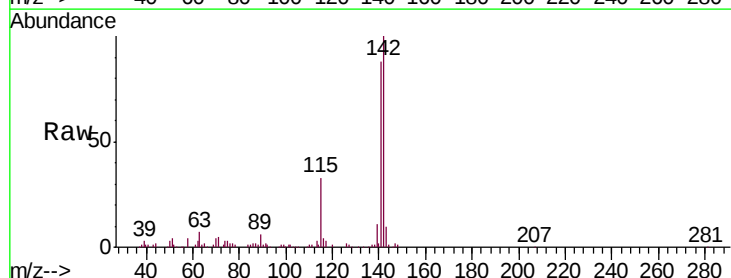
Instrument :
 BNA_M
 ClientSampleId :
 C0AD8

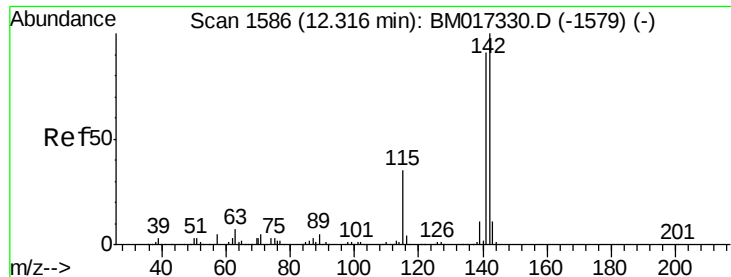
Tgt Ion:127 Resp: 77980
 Ion Ratio Lower Upper
 127 100
 129 83.0 26.2 39.4#



#34
 2-Methylnaphthalene
 Concen: 2.921 ng/ul
 RT: 12.10 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BM017336.D
 Acq: 25 Oct 2018 02:33

Tgt Ion:142 Resp: 185587
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.4 105.6

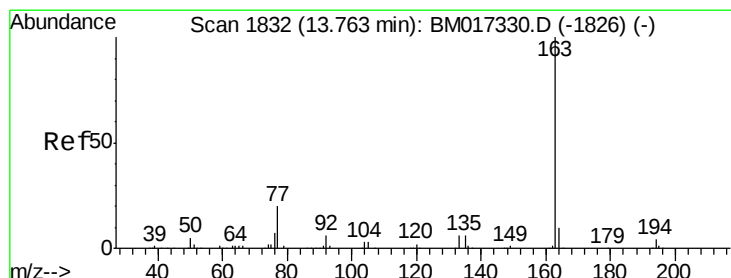
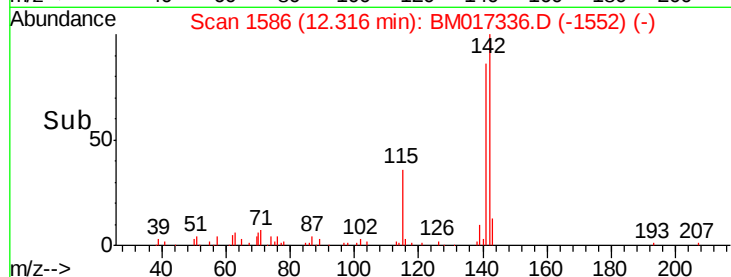
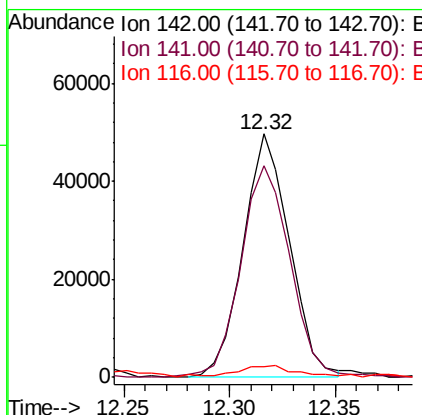
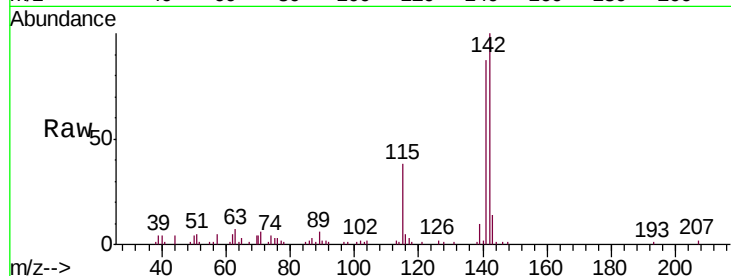




#35
 1-Methylnaphthalene
 Concen: 1.245 ng/ul
 RT: 12.32 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BM017336.D
 Acq: 25 Oct 2018 02:33

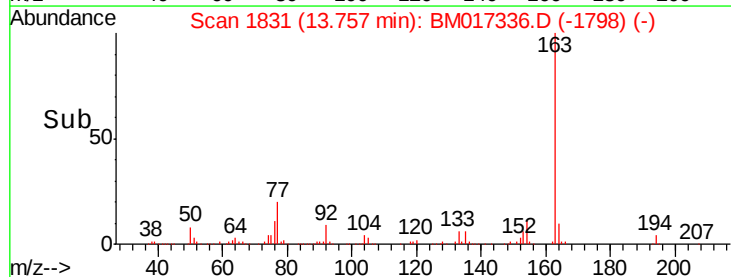
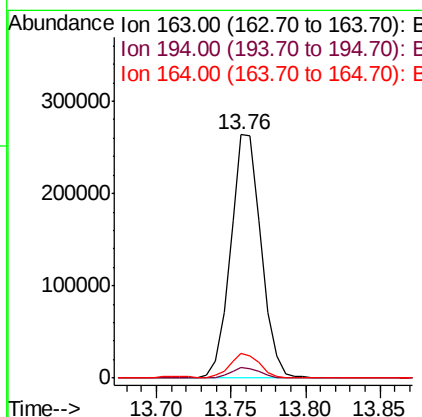
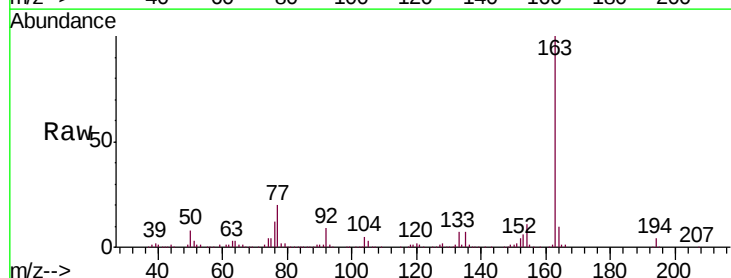
Instrument :
 BNA_M
 ClientSampleId :
 C0AD8

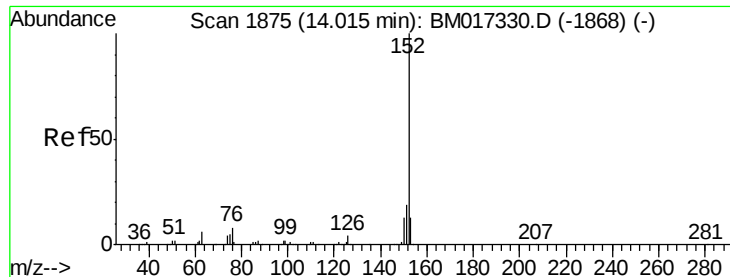
Tgt Ion:142 Resp: 75838
 Ion Ratio Lower Upper
 142 100
 141 87.0 73.9 110.9
 116 4.5 3.0 4.6



#45
 Dimethylphthalate
 Concen: 4.756 ng/ul
 RT: 13.76 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BM017336.D
 Acq: 25 Oct 2018 02:33

Tgt Ion:163 Resp: 376781
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.2 4.8
 164 10.3 8.1 12.1





#48

Acenaphthylene

Concen: 30.019 ng/ul

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM017336.D

Acq: 25 Oct 2018 02:33

Instrument :

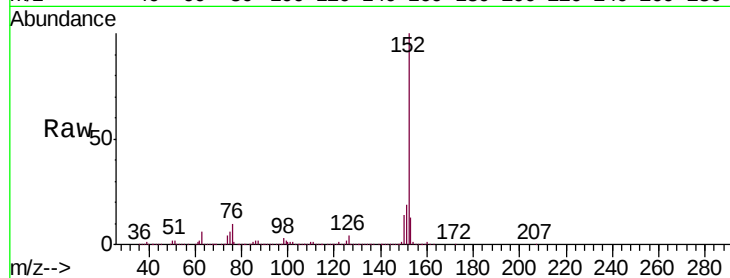
BNA_M

ClientSampleId :

C0AD8

Tgt Ion:152 Resp: 2797332

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9
153	13.2	10.2	15.4

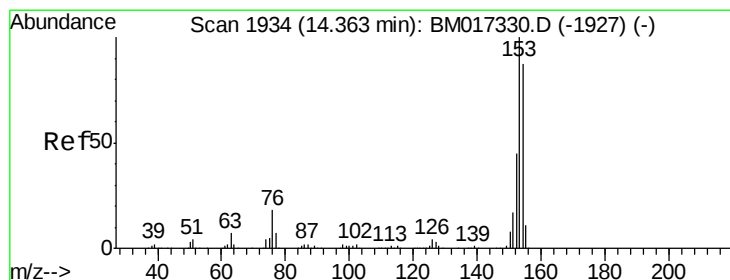
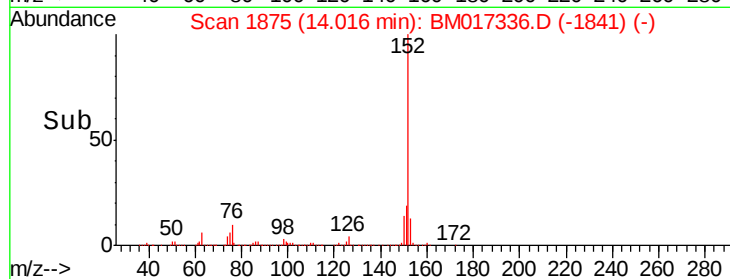
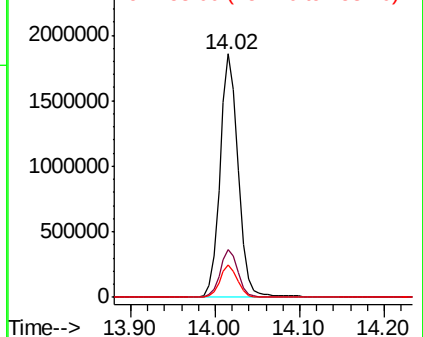


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 1.545 ng/ul

RT: 14.36 min Scan# 1933

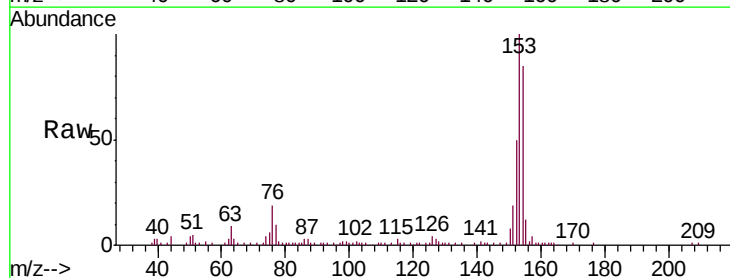
Delta R.T. -0.01 min

Lab File: BM017336.D

Acq: 25 Oct 2018 02:33

Tgt Ion:153 Resp: 103073

Ion	Ratio	Lower	Upper
153	100		
152	49.8	36.9	55.3
154	85.1	72.2	108.4

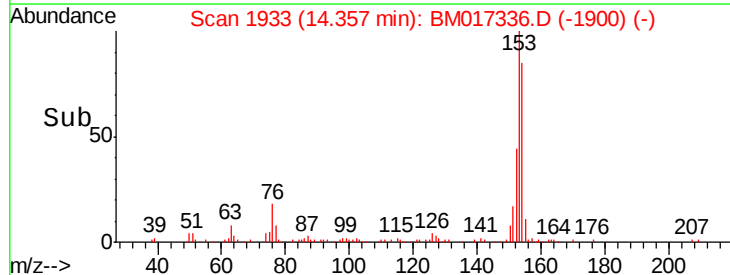
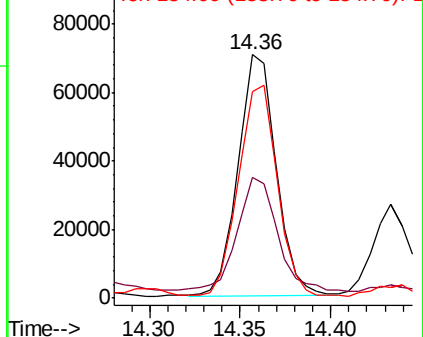


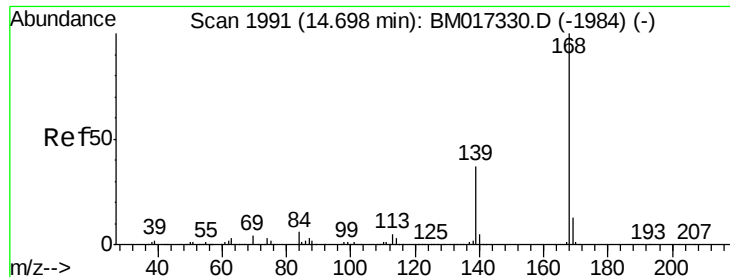
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 5.578 ng/ul

RT: 14.70 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BM017336.D

Acq: 25 Oct 2018 02:33

Instrument :

BNA_M

ClientSampleId :

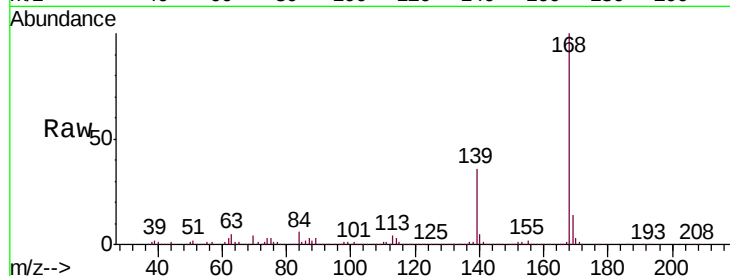
C0AD8

Tgt Ion:168 Resp: 527209

Ion Ratio Lower Upper

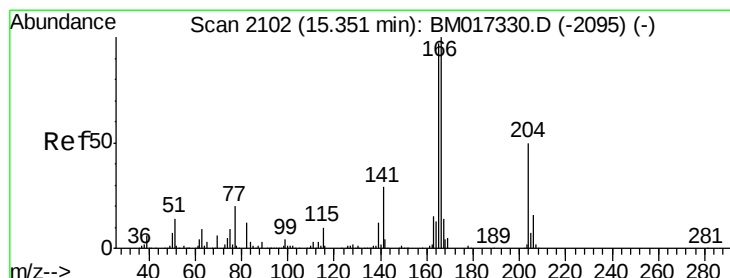
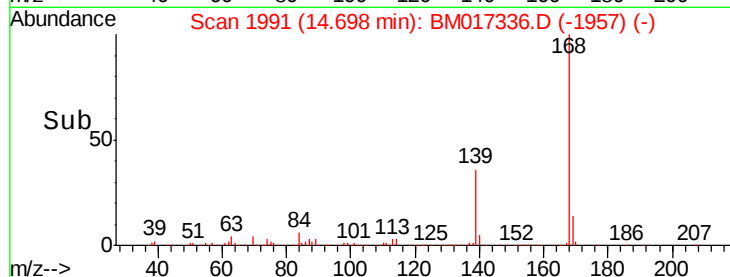
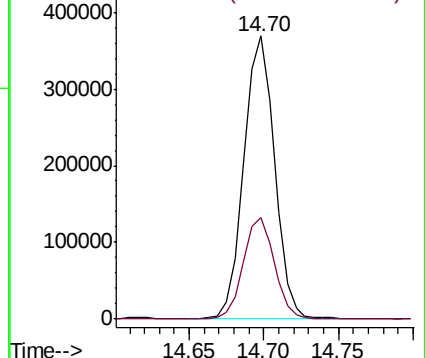
168 100

139 35.9 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 2.426 ng/ul

RT: 15.35 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BM017336.D

Acq: 25 Oct 2018 02:33

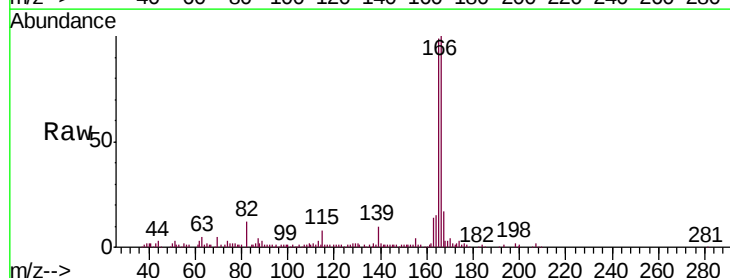
Tgt Ion:166 Resp: 188997

Ion Ratio Lower Upper

166 100

165 98.6 77.5 116.3

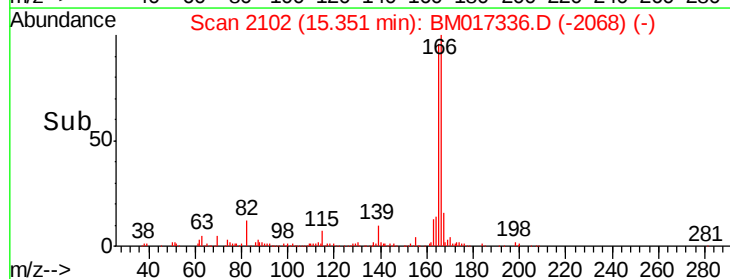
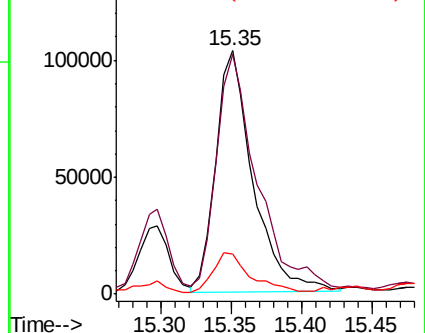
167 16.6 10.8 16.2#

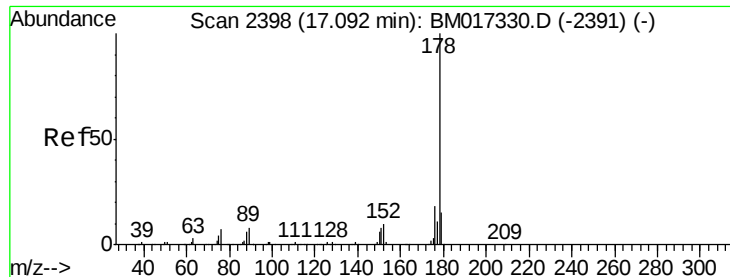


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

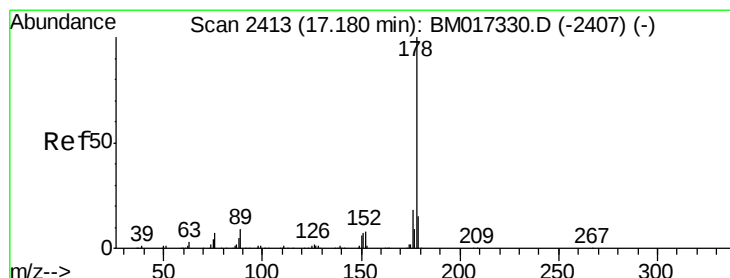
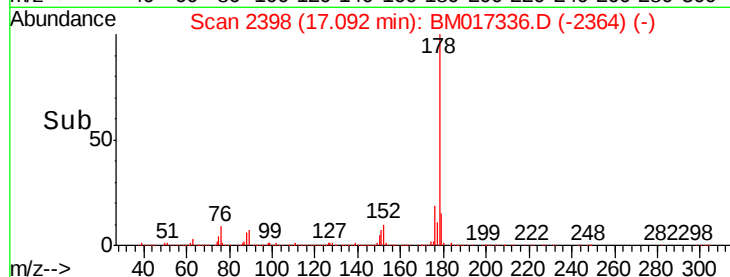
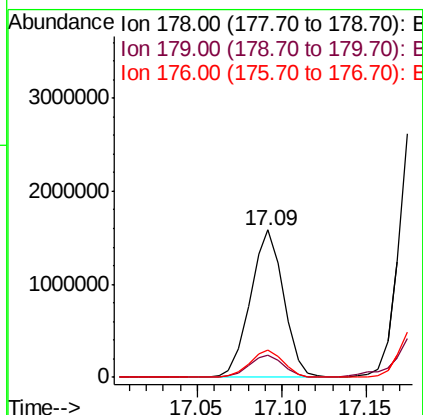
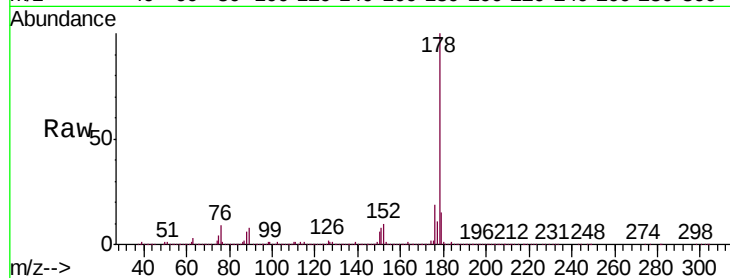




#70
Phenanthrene
Concen: 17.159 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM017336.D
Acq: 25 Oct 2018 02:33

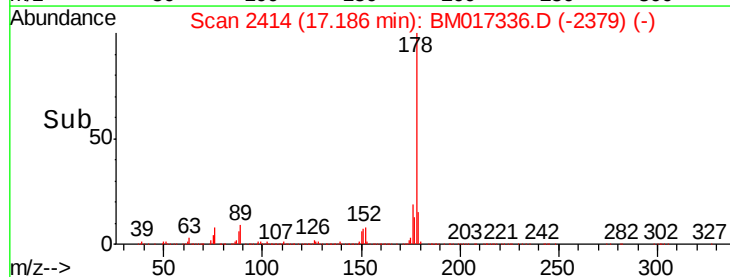
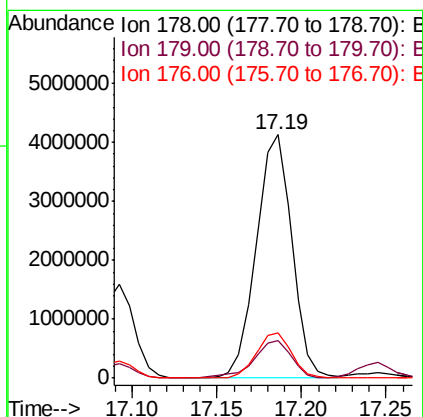
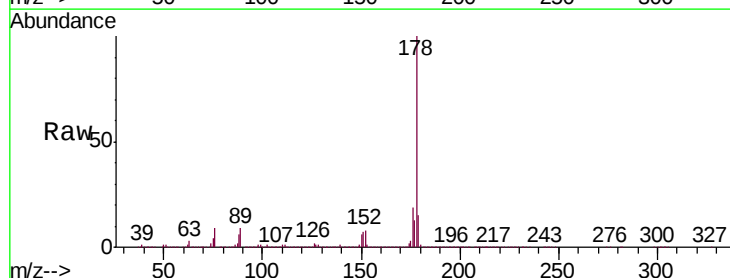
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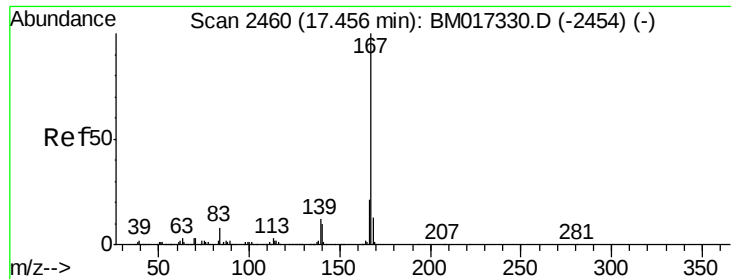
Tgt Ion:178 Resp: 2158567
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 18.8 14.9 22.3



#72
Anthracene
Concen: 47.303 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM017336.D
Acq: 25 Oct 2018 02:33

Tgt Ion:178 Resp: 6043944
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 18.6 14.2 21.2

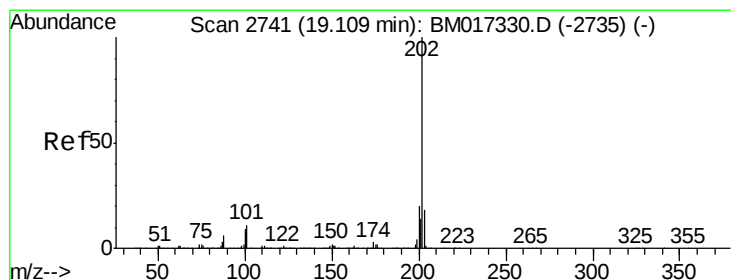
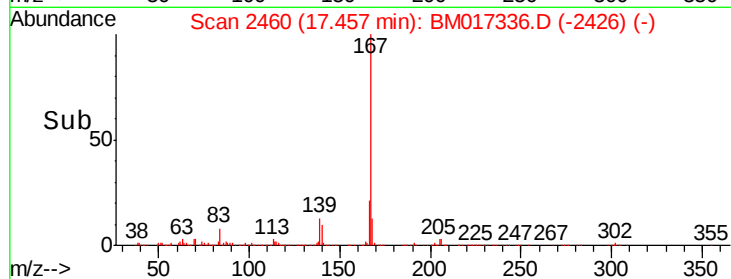
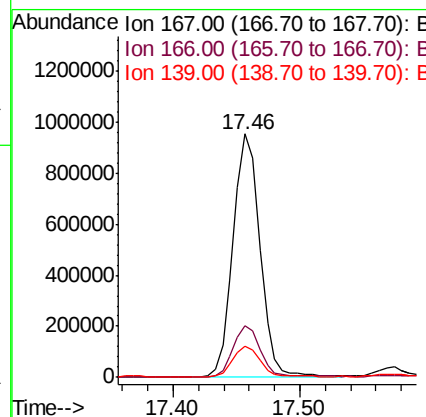
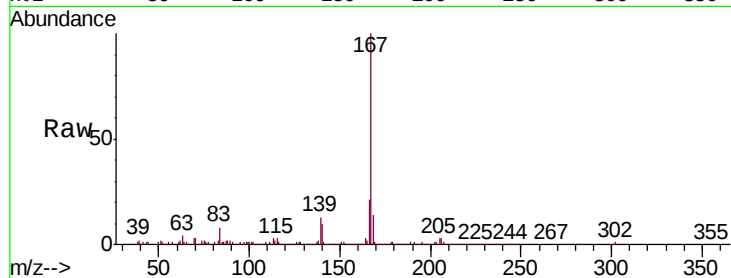




#75
 Carbazole
 Concen: 12.519 ng/ul
 RT: 17.46 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: BM017336.D
 Acq: 25 Oct 2018 02:33

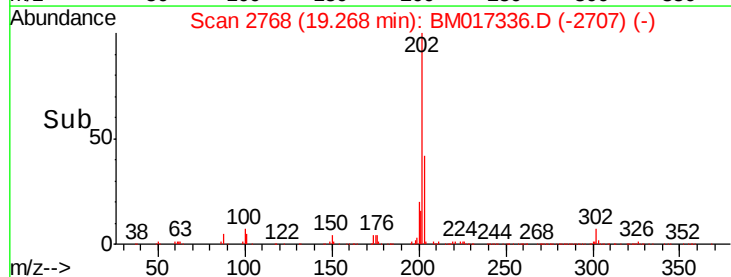
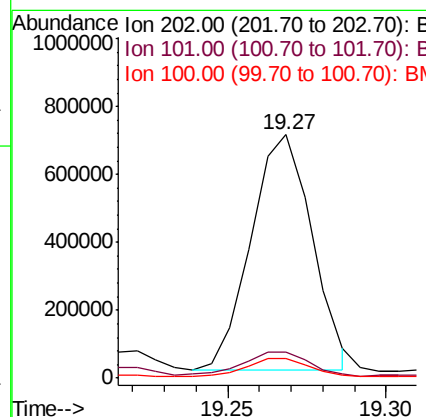
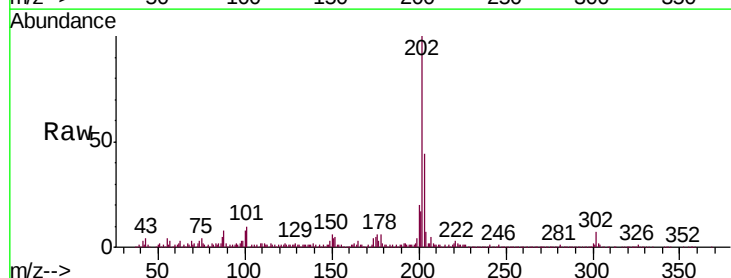
Instrument :
 BNA_M
 ClientSampleId :
 C0AD8

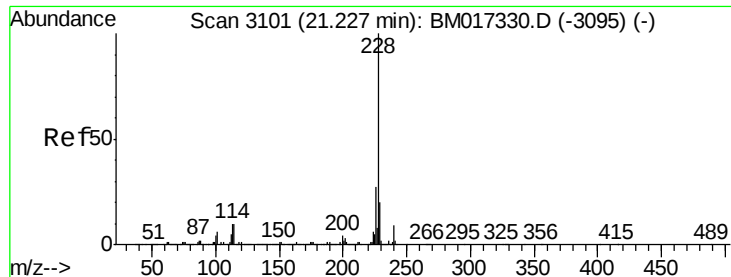
Tgt Ion:167 Resp: 1398600
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.0 10.0 15.0



#77
 Fluoranthene
 Concen: 6.410 ng/ul
 RT: 19.27 min Scan# 2768
 Delta R.T. 0.16 min
 Lab File: BM017336.D
 Acq: 25 Oct 2018 02:33

Tgt Ion:202 Resp: 924352
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.2 12.4
 100 8.2 6.3 9.5





#83

Benzo(a)anthracene

Concen: 96.458 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.02 min

Lab File: BM017336.D

Acq: 25 Oct 2018 02:33

Instrument :

BNA_M

ClientSampled :

C0AD8

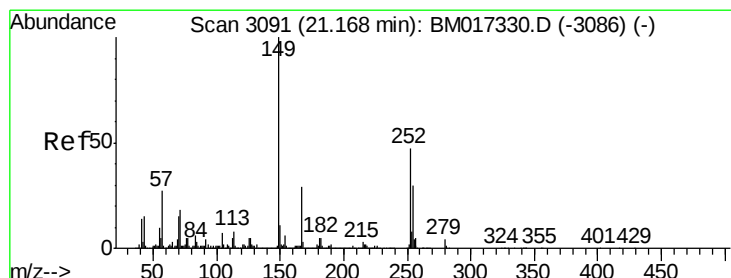
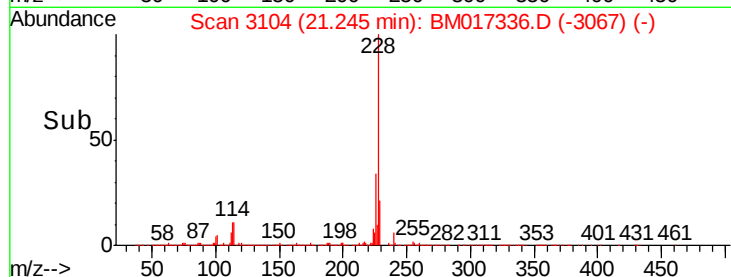
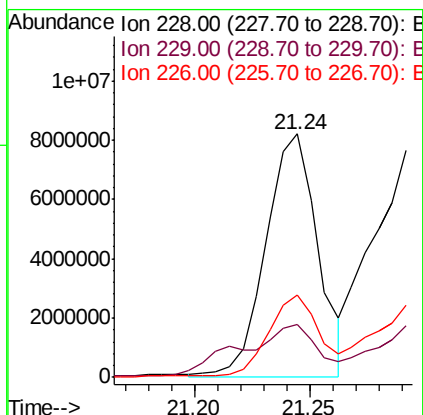
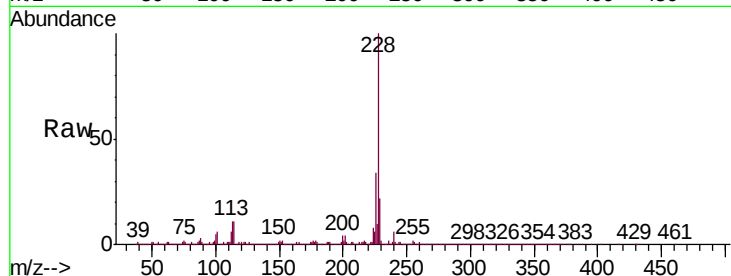
Tgt Ion:228 Resp:12786058

Ion Ratio Lower Upper

228 100

229 21.5 15.6 23.4

226 34.0 20.8 31.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.049 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BM017336.D

Acq: 25 Oct 2018 02:33

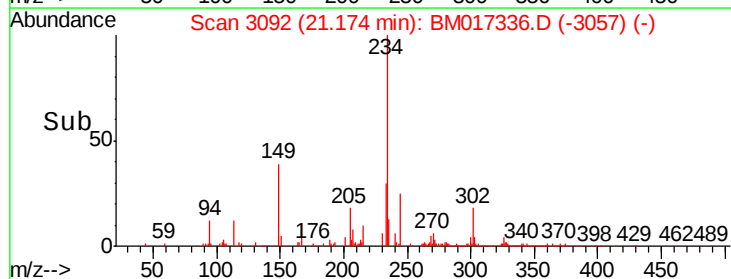
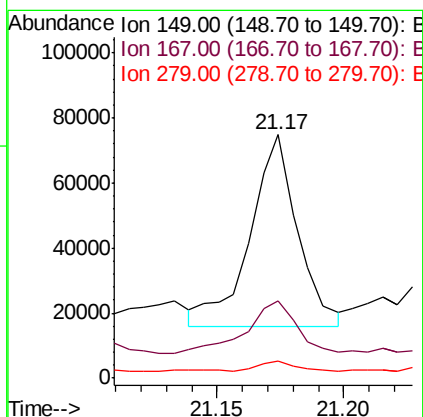
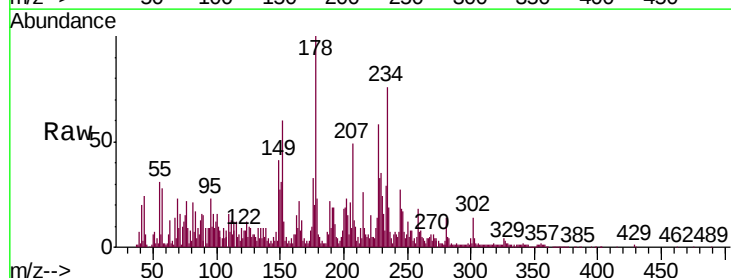
Tgt Ion:149 Resp: 77011

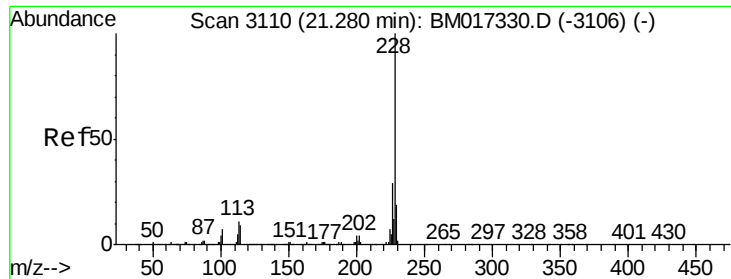
Ion Ratio Lower Upper

149 100

167 31.8 23.0 34.6

279 6.9 4.1 6.1#

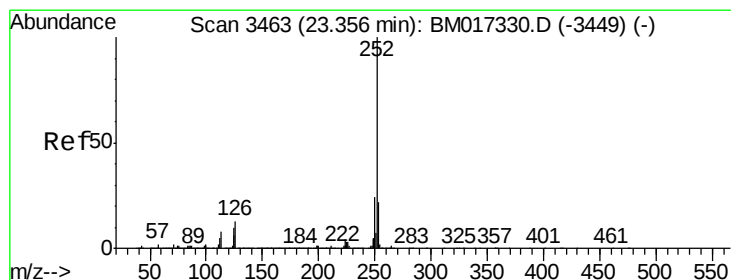
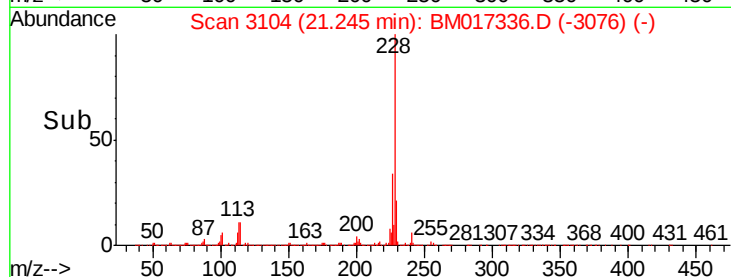
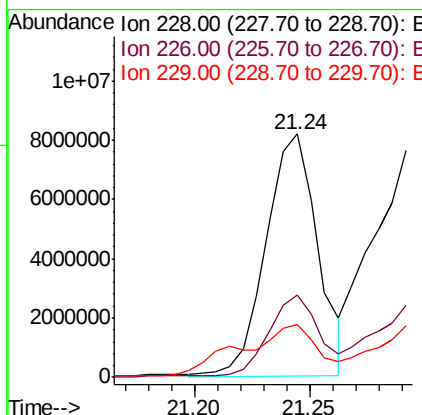
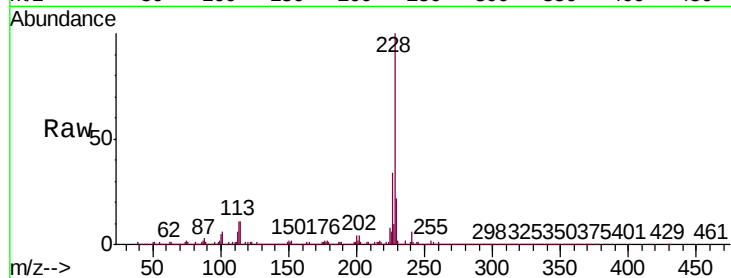




#85
Chrysene
Concen: 100.949 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.04 min
Lab File: BM017336.D
Acq: 25 Oct 2018 02:33

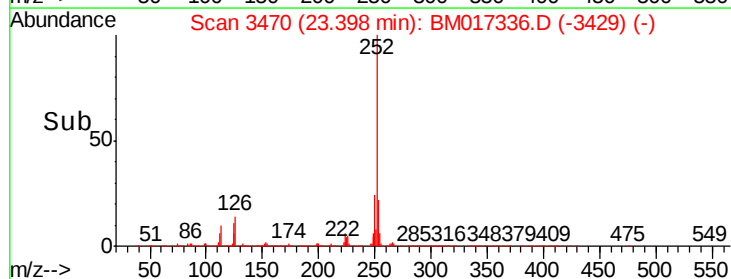
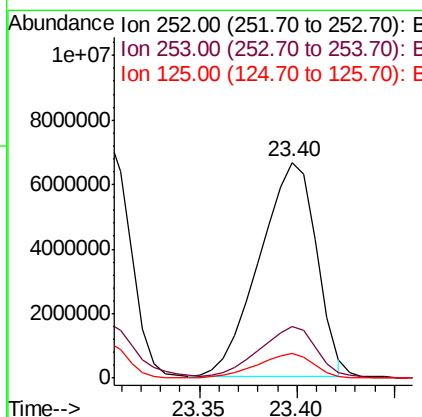
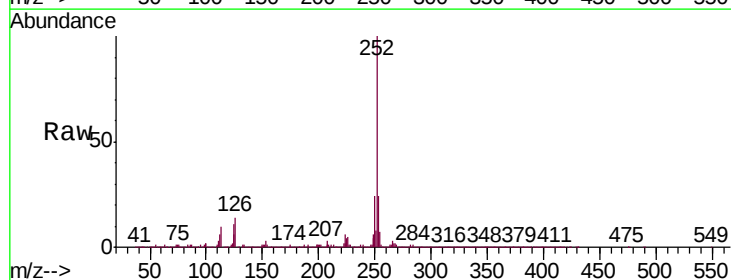
Instrument :
BNA_M
ClientSampled :
C0AD8

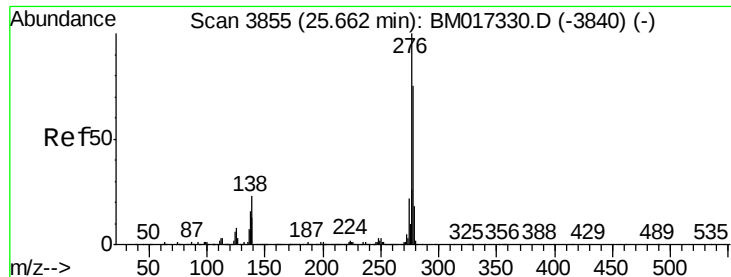
Tgt Ion:228 Resp:12724327
Ion Ratio Lower Upper
228 100
226 34.0 23.3 34.9
229 21.5 15.6 23.4



#91
Benzo(a)pyrene
Concen: 121.277 ng/ul
RT: 23.40 min Scan# 3470
Delta R.T. 0.04 min
Lab File: BM017336.D
Acq: 25 Oct 2018 02:33

Tgt Ion:252 Resp:13322637
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 11.3 8.3 12.5



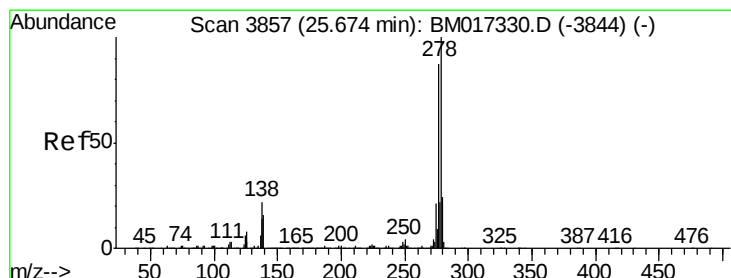
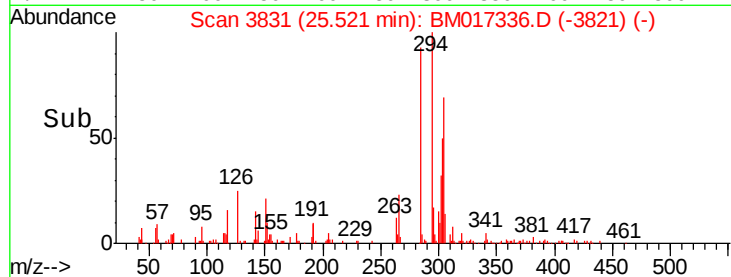
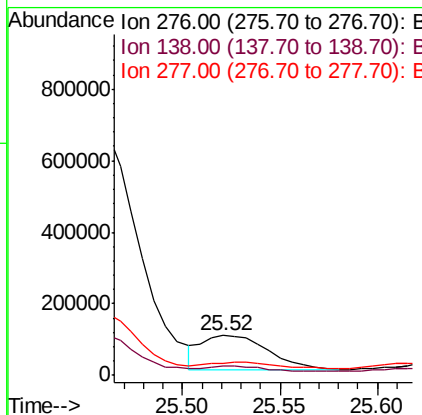
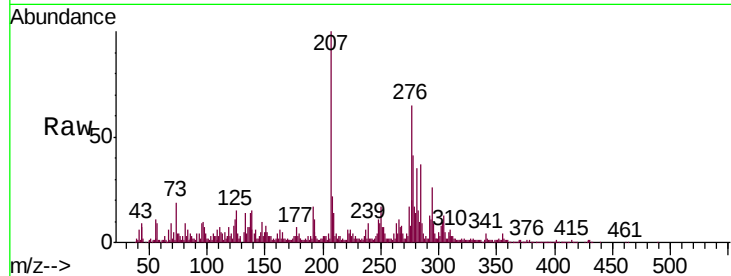


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.666 ng/ul
RT: 25.52 min Scan# 3831
Delta R.T. -0.14 min
Lab File: BM017336.D
Acq: 25 Oct 2018 02:33

Instrument :
BNA_M
ClientSampled :
C0AD8

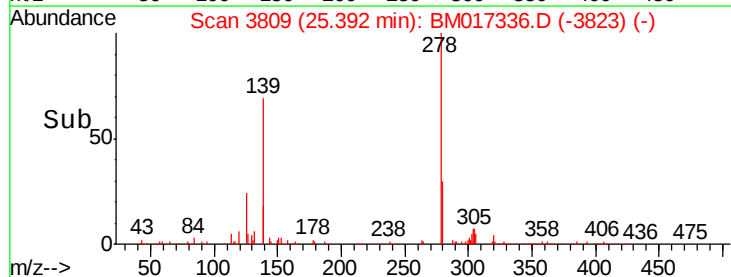
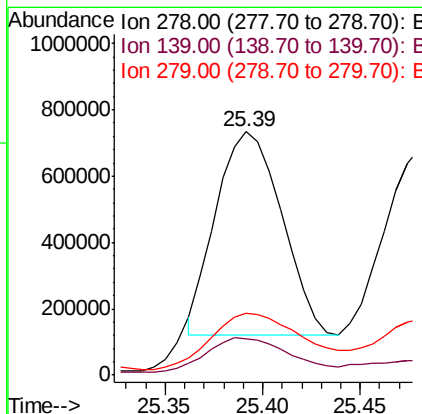
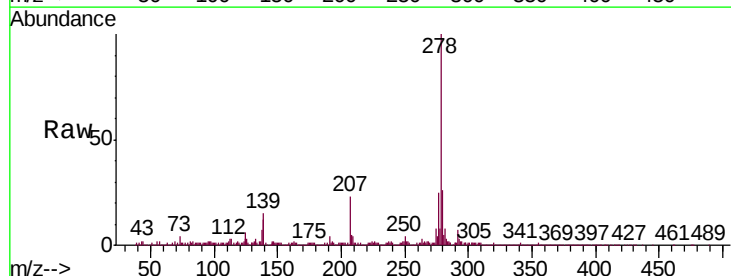
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.1	27.1
277	31.1	19.6	29.4

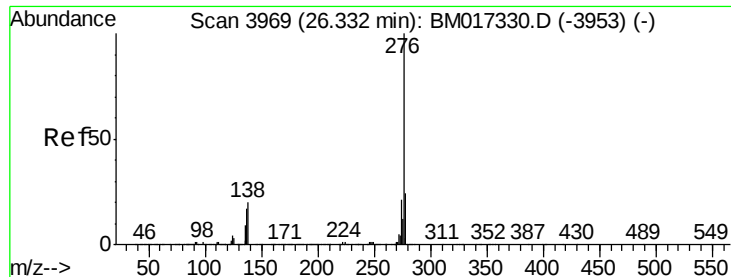


#93

Dibenzo(a,h)anthracene
Concen: 12.785 ng/ul
RT: 25.39 min Scan# 3809
Delta R.T. -0.28 min
Lab File: BM017336.D
Acq: 25 Oct 2018 02:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.7	19.1
279	25.6	19.0	28.4





#94

Benzo(g,h,i)perylene

Concen: 4.883 ng/ul

RT: 26.04 min Scan# 3919

Delta R.T. -0.29 min

Lab File: BM017336.D

Acq: 25 Oct 2018 02:33

Instrument :

BNA_M

ClientSampleId :

C0AD8

Tgt Ion:276 Resp: 554494

Ion Ratio Lower Upper

276 100

138 47.5 16.6 25.0#

277 46.5 18.9 28.3#

