

Data File : BM017473.D
Acq On : 01 Nov 2018 19:48
Operator : MJ/SJ
Sample : J5704-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40E4

Quant Time: Nov 02 02:44:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 02 02:41:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	316221	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1403224	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	832237	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	1483820	20.00	ng/ul	0.16
78) Chrysene-d12	21.44	240	296	20.00	ng/ul	0.20
86) Perylene-d12	23.49	264	944835	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	15665	2.28	ng/uL	0.00
5) Phenol-d5	6.82	99	445351	15.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	255455	15.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	383432	17.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	359329	15.73	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	180923	16.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	207444	16.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	360998	15.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	379292	20.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1145910	16.06	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1391239	16.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	142491	10.69	ng/ul	0.02
58) Fluorene-d10	15.29	176	1193779	19.26	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.52	200	189	0.02	ng/ul	0.11
71) Anthracene-d10	17.20	188	1483820	20.20	ng/ul	0.06
79) Pyrene-d10	19.45	212	1282350	93511.59	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.36	264	1017894	20.40	ng/ul	0.05

Target Compounds

					Qvalue	
6) Phenol	6.85	94	127005	4.428	ng/ul	95
17) Hexachloroethane	8.73	117	9078	1.032	ng/ul#	4
28) Naphthalene	10.46	128	106690	1.453	ng/ul	99
39) 2,4,6-Trichlorophenol	12.69	196	46510	2.621	ng/ul#	13
40) 2,4,5-Trichlorophenol	12.78	196	29899	1.565	ng/ul#	12
41) 1,1'-Biphenyl	13.12	154	4286209	62.255	ng/ul	98
45) Dimethylphthalate	13.76	163	324256	4.689	ng/ul	100
50) Acenaphthene	14.36	153	270814	4.651	ng/ul#	71
59) Fluorene	15.35	166	8921281	131.195	ng/ul#	51
61) 4-Nitroaniline	15.35	138	113545	7.239	ng/ul#	19
64) 4,6-Dinitro-2-methylphenol	15.70	198	729135	69.063	ng/ul#	1
76) Di-n-butylphthalate	18.16	149	1786833	20.208	ng/ul#	1
80) Pyrene	19.66	202	430	25.017	ng/ul#	1
81) Butylbenzylphthalate	20.60	149	339103	49422.315	ng/ul#	31
82) 3,3'-Dichlorobenzidine	21.37	252	133	22.974	ng/ul#	25
83) Benzo(a)anthracene	21.44	228	112	6.183	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.52	149	506850	50546.429	ng/ul	93
85) Chrysene	21.50	228	725	42.092	ng/ul#	1
87) Di-n-octyl phthalate	22.09	149	102835	2.090	ng/ul	100

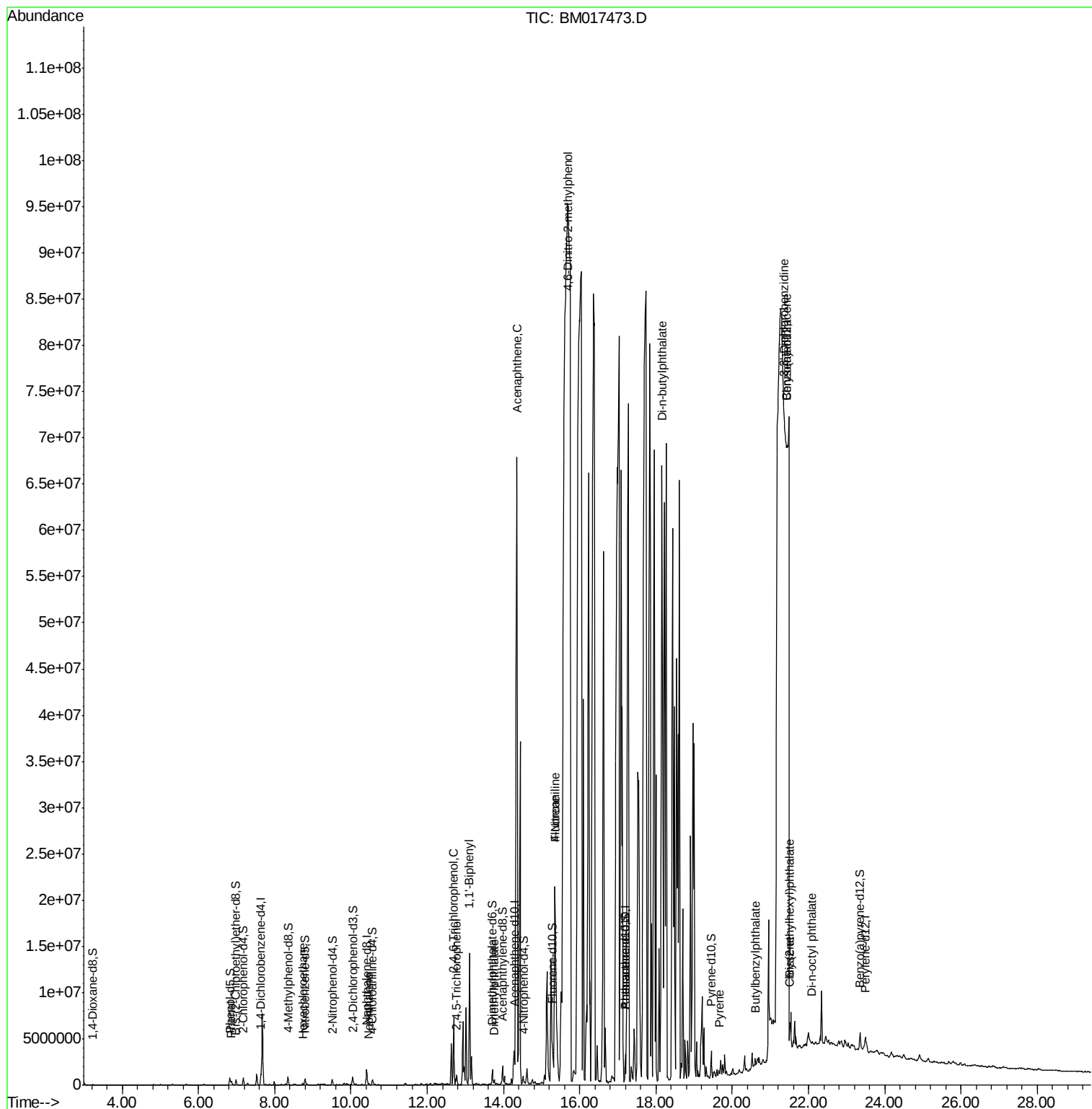
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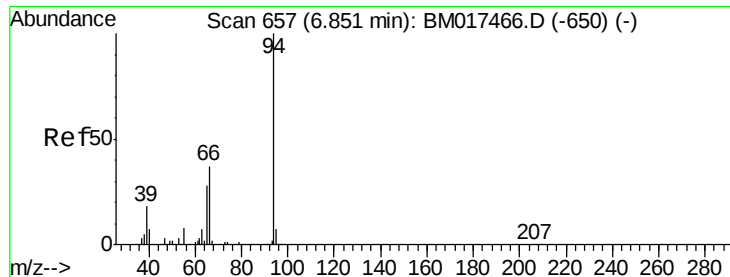
Data File : BM017473.D

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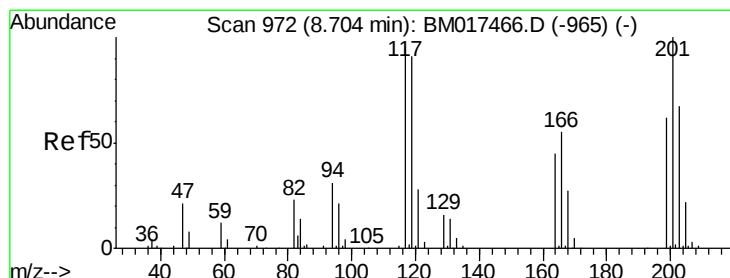
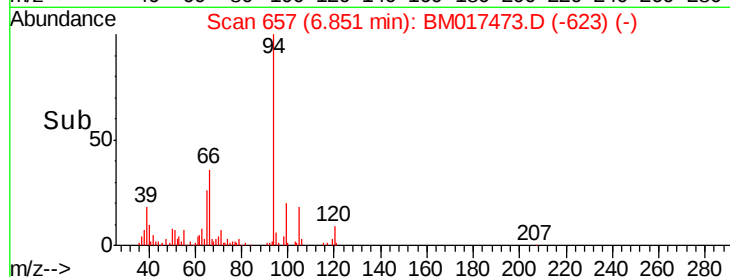
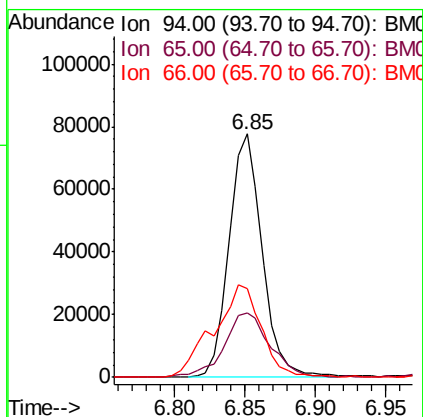
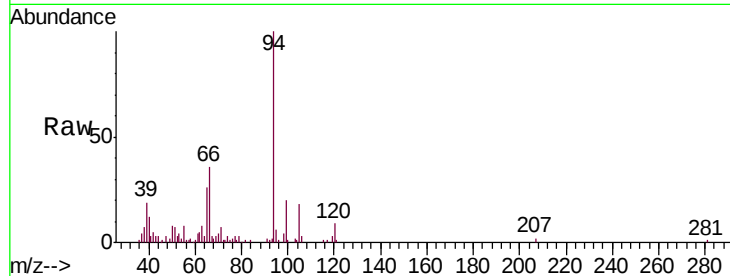
#6

Phenol

Concen: 4.428 ng/ul
 RT: 6.85 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

Instrument :
 BNA_M
 ClientSampled :
 A40E4

Tgt Ion: 94 Resp: 127005
 Ion Ratio Lower Upper
 94 100
 65 26.3 24.0 36.0
 66 36.3 31.1 46.7

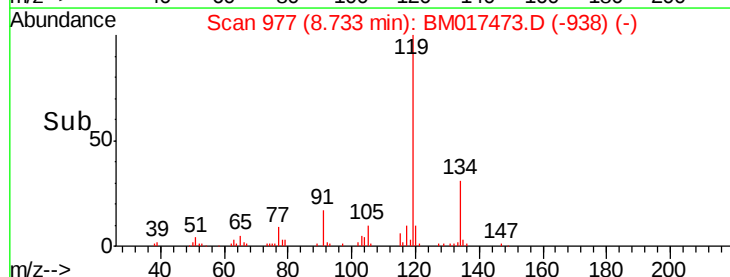
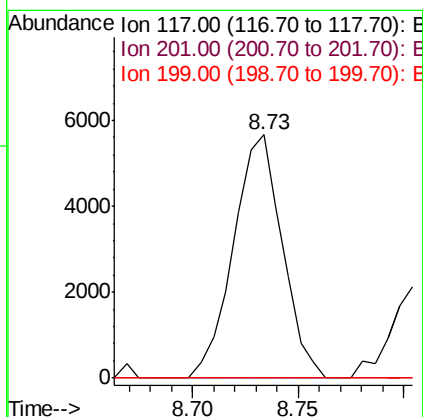
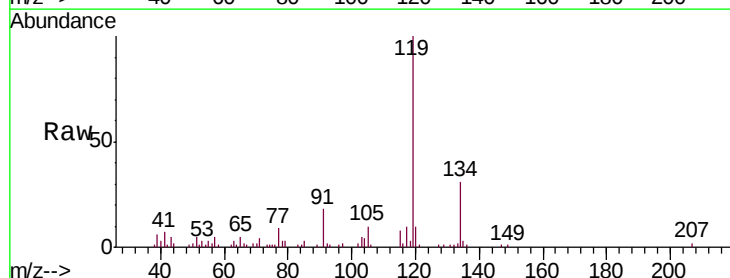


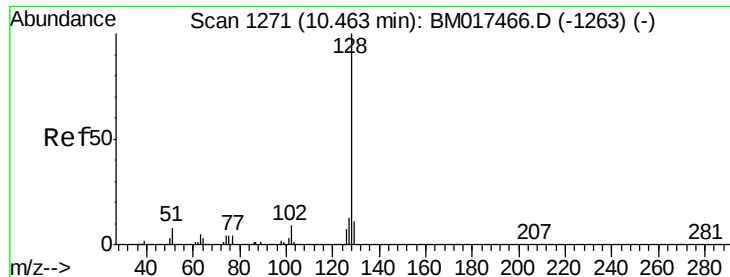
#17

Hexachloroethane

Concen: 1.032 ng/ul
 RT: 8.73 min Scan# 977
 Delta R.T. 0.03 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

Tgt Ion: 117 Resp: 9078
 Ion Ratio Lower Upper
 117 100
 201 0.0 87.0 130.6#
 199 0.0 53.0 79.4#





#28

Naphthalene

Concen: 1.453 ng/ul

RT: 10.46 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BM017473.D

Acq: 01 Nov 2018 19:48

Instrument :

BNA_M

ClientSampleId :

A40E4

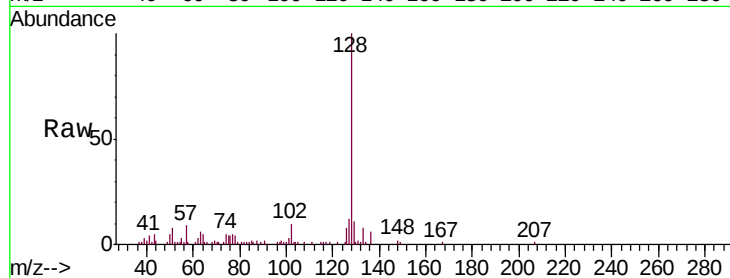
Tgt Ion:128 Resp: 106690

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

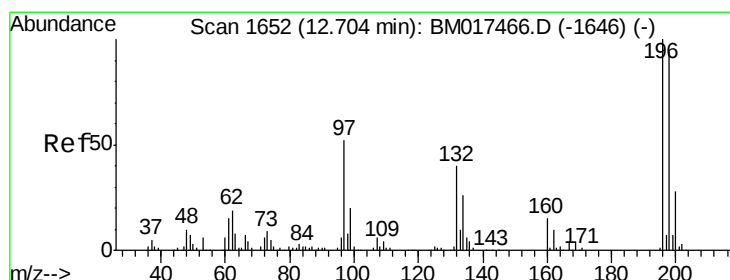
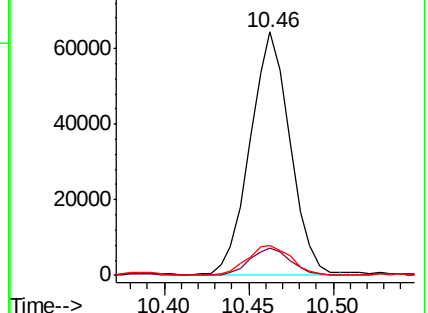
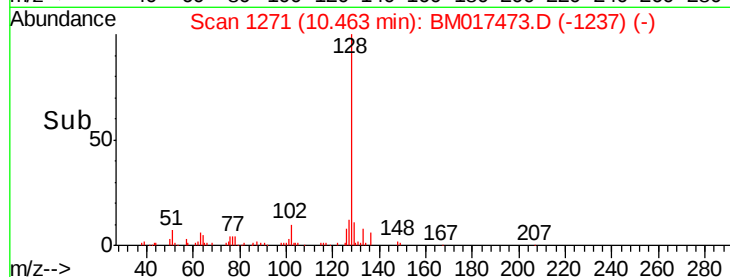
127 12.2 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

2,4,6-Trichlorophenol

Concen: 2.621 ng/ul

RT: 12.69 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BM017473.D

Acq: 01 Nov 2018 19:48

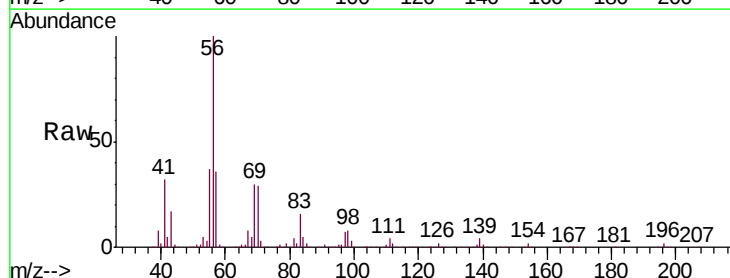
Tgt Ion:196 Resp: 46510

Ion Ratio Lower Upper

196 100

198 1.2 77.0 115.4#

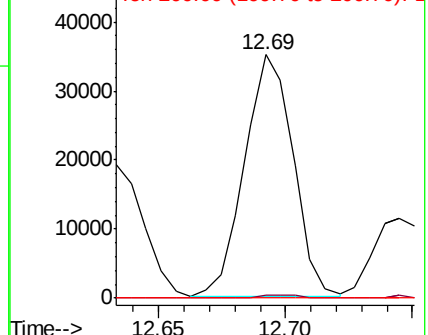
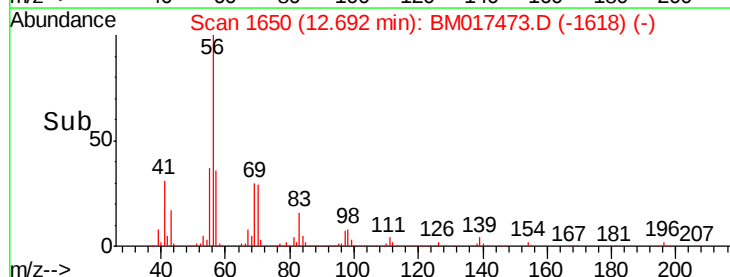
200 0.0 25.2 37.8#

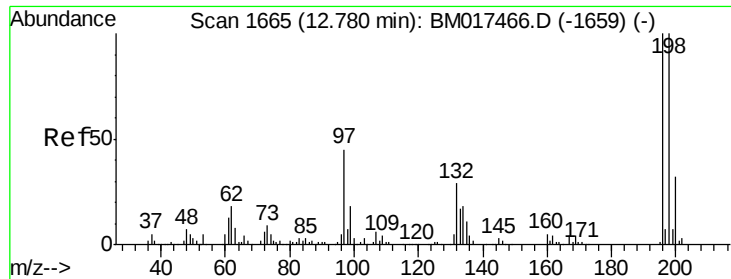


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

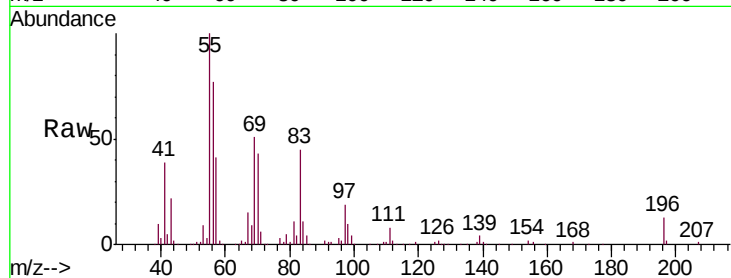




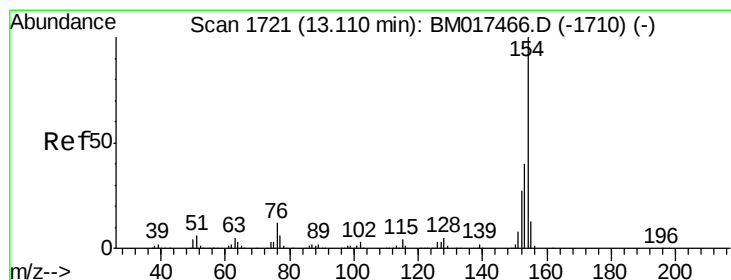
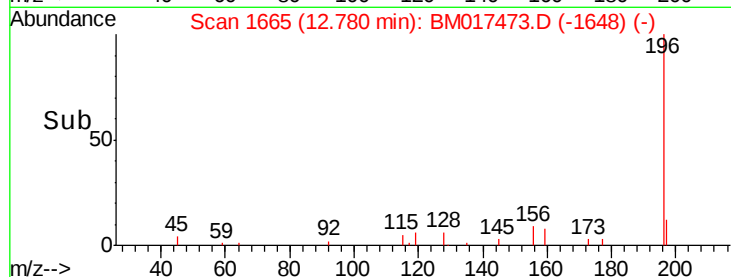
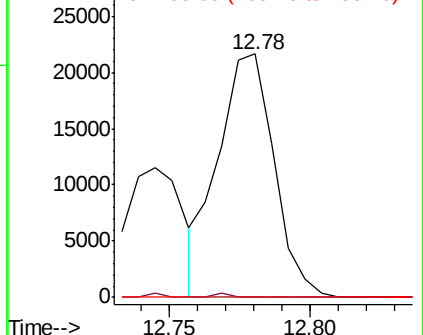
#40
 2,4,5-Trichlorophenol
 Concen: 1.565 ng/ul
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

Instrument :
 BNA_M
 ClientSampleId :
 A40E4

Tgt Ion:196 Resp: 29899
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.4#
 200 0.0 25.4 38.2#

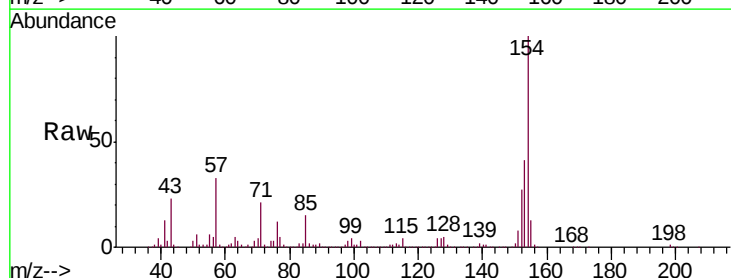


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

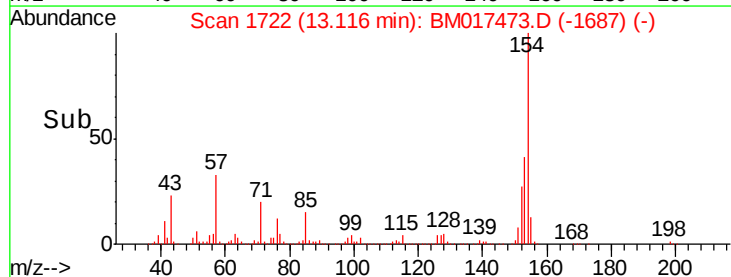
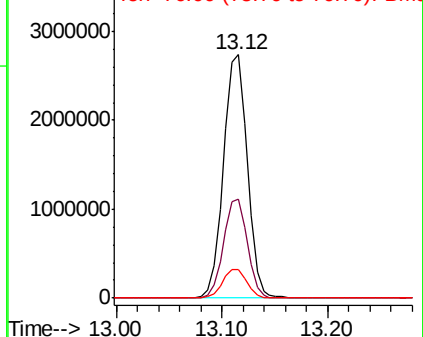


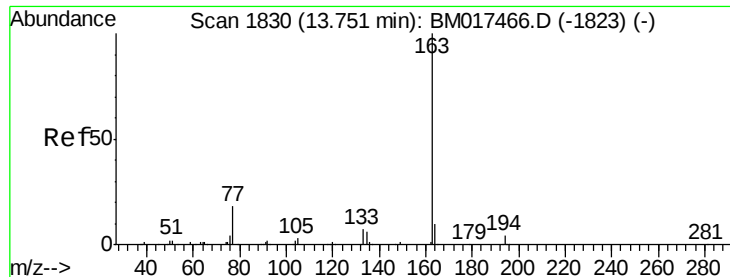
#41
 1,1'-Biphenyl
 Concen: 62.255 ng/ul
 RT: 13.12 min Scan# 1722
 Delta R.T. 0.01 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

Tgt Ion:154 Resp: 4286209
 Ion Ratio Lower Upper
 154 100
 153 40.6 31.5 47.3
 76 12.0 9.8 14.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

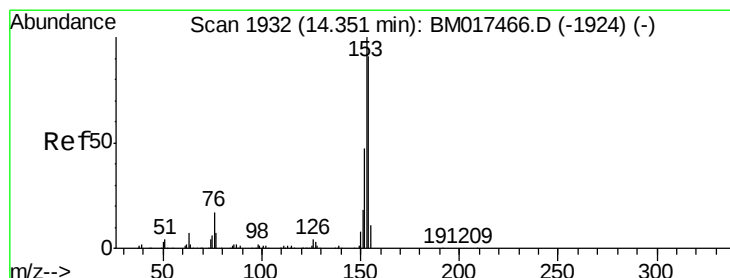
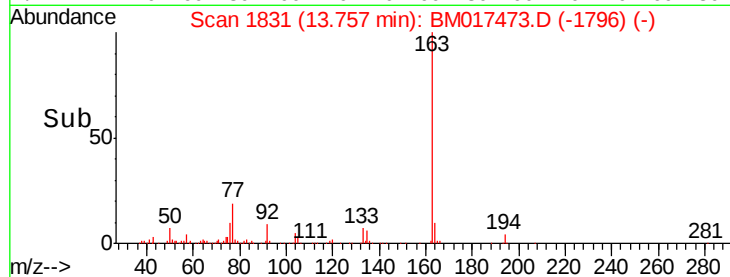
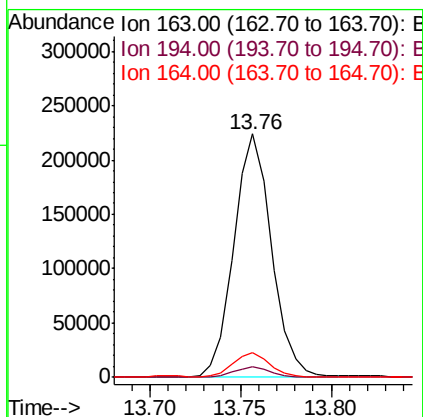
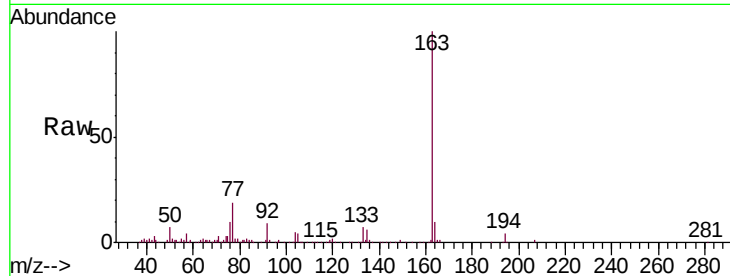




#45
Dimethylphthalate
Concen: 4.689 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BM017473.D
Acq: 01 Nov 2018 19:48

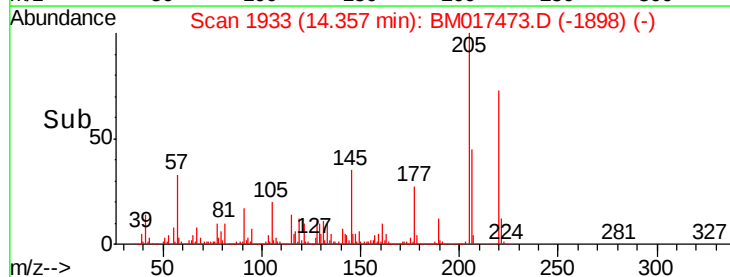
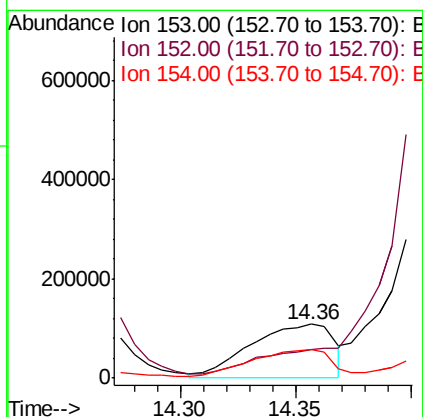
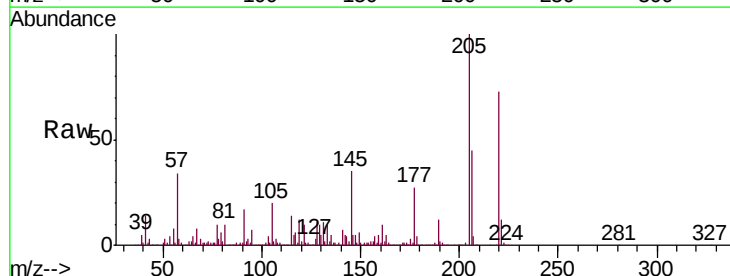
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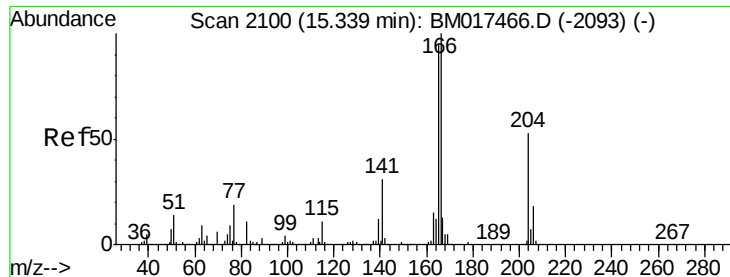
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.1	8.1	12.1



#50
Acenaphthene
Concen: 4.651 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BM017473.D
Acq: 01 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.9	36.9	55.3
154	53.7	72.2	108.4#

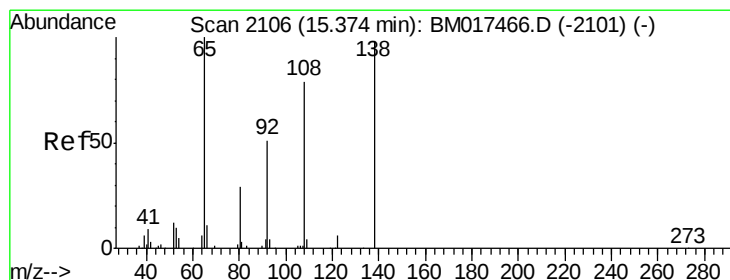
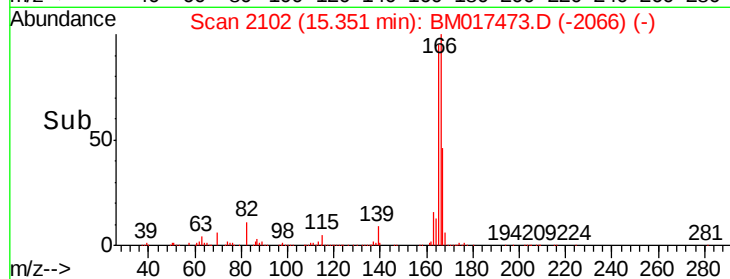
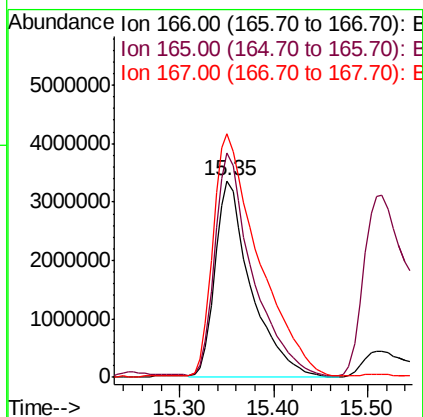
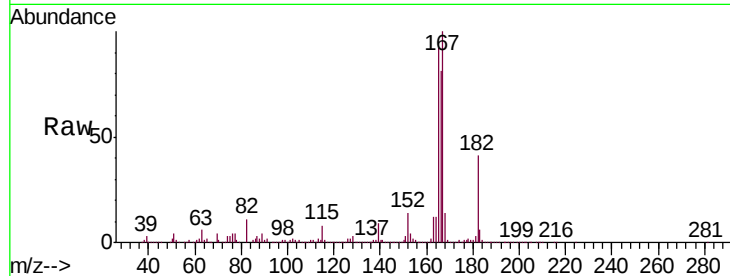




#59
 Fluorene
 Concen: 131.195 ng/ul
 RT: 15.35 min Scan# 2102
 Delta R.T. 0.01 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

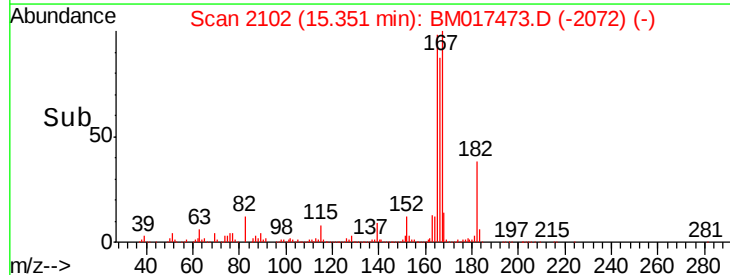
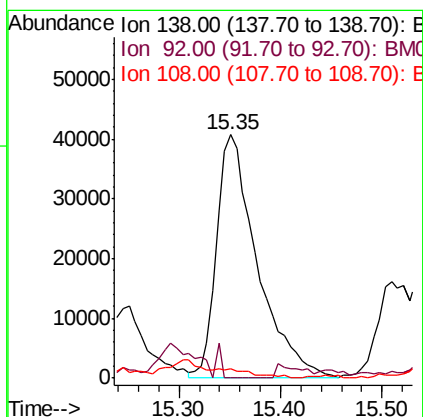
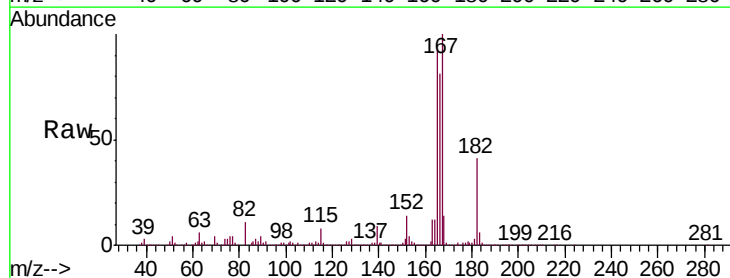
Instrument :
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 ClientSampled :
 A40E4

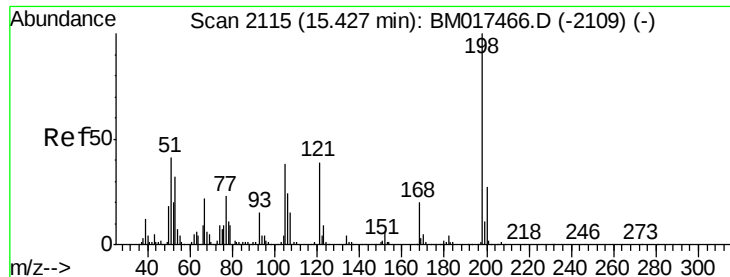
Tgt Ion:166 Resp: 8921281
 Ion Ratio Lower Upper
 166 100
 165 114.4 77.5 116.3
 167 123.8 10.8 16.2#



#61
 4-Nitroaniline
 Concen: 7.239 ng/ul
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.02 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

Tgt Ion:138 Resp: 113545
 Ion Ratio Lower Upper
 138 100
 92 0.0 41.5 62.3#
 108 4.0 63.7 95.5#

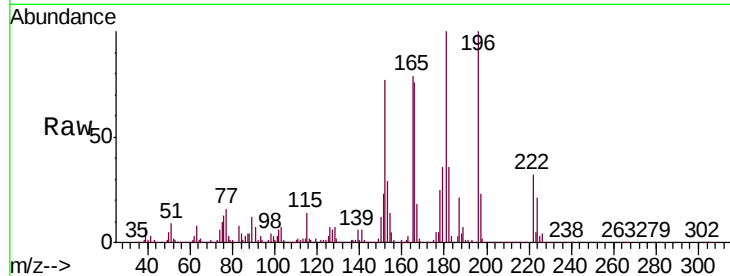




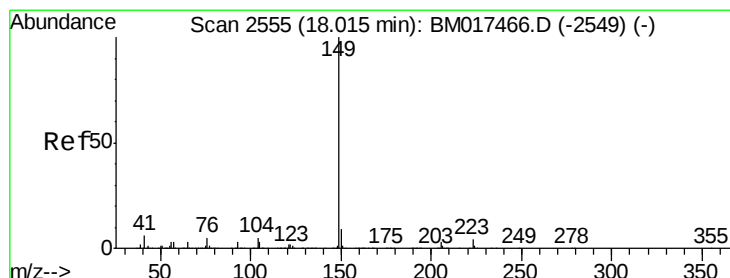
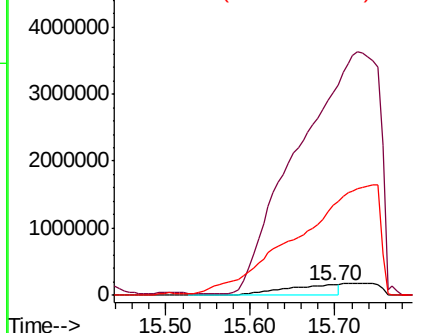
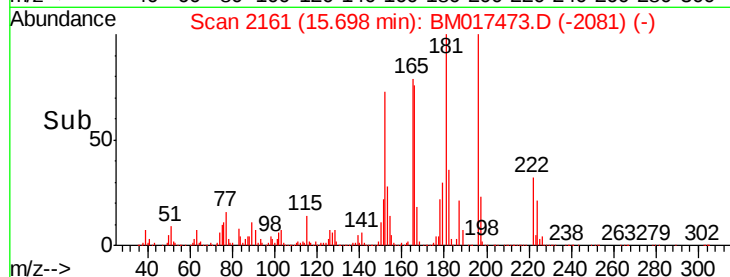
#64
 4,6-Dinitro-2-methylphenol
 Concen: 69.063 ng/ul
 RT: 15.70 min Scan# 2161
 Delta R.T. 0.27 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

Instrument :
 BNA_M
 ClientSampleId :
 A40E4

Tgt Ion:198 Resp: 729135
 Ion Ratio Lower Upper
 198 100
 182 1925.4 3.5 5.3#
 77 855.0 20.3 30.5#

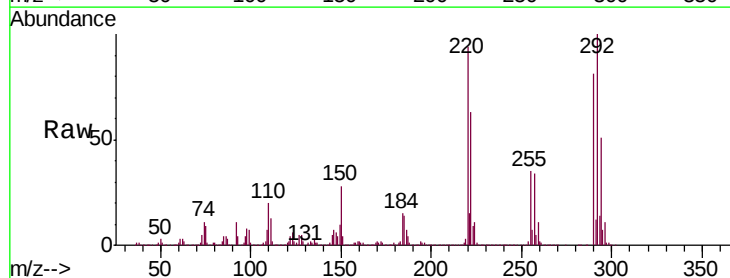


Abundance Ion 198.00 (197.70 to 198.70): E
 5000000 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

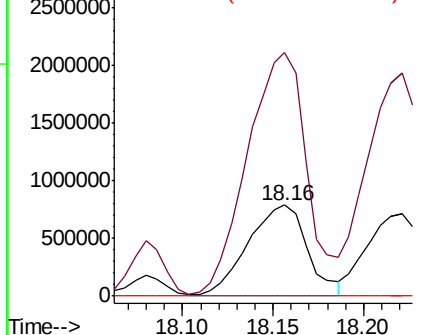
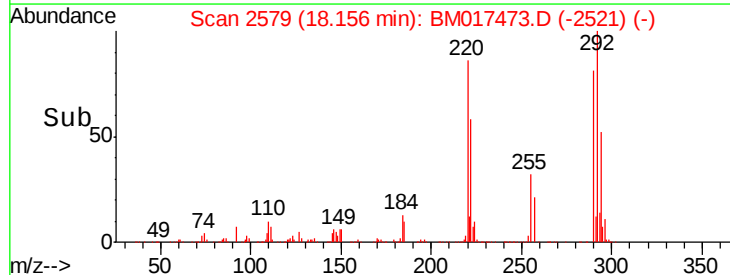


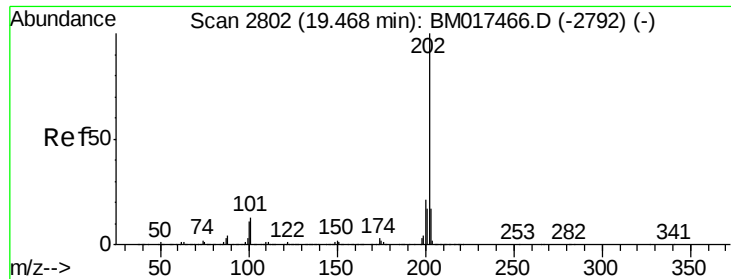
#76
 Di-n-butylphthalate
 Concen: 20.208 ng/ul
 RT: 18.16 min Scan# 2579
 Delta R.T. 0.14 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

Tgt Ion:149 Resp: 1786833
 Ion Ratio Lower Upper
 149 100
 150 268.5 7.0 10.6#
 104 0.4 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#80

Pyrene

Concen: 25.017 ng/ul

RT: 19.66 min Scan# 2835

Delta R.T. 0.19 min

Lab File: BM017473.D

Acq: 01 Nov 2018 19:48

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BNA_M

ClientSampleId :

A40E4

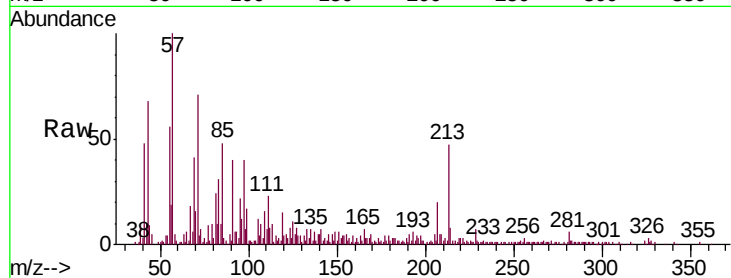
Tgt Ion:202 Resp: 430

Ion Ratio Lower Upper

202 100

101 159.3 9.5 14.3#

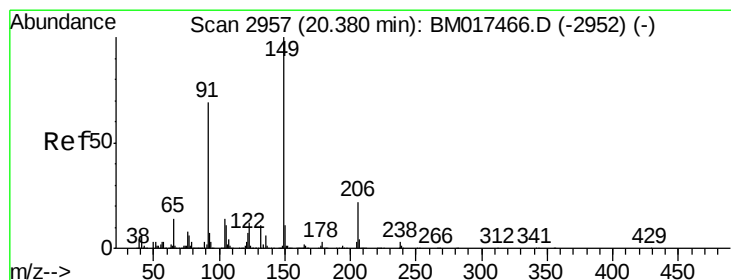
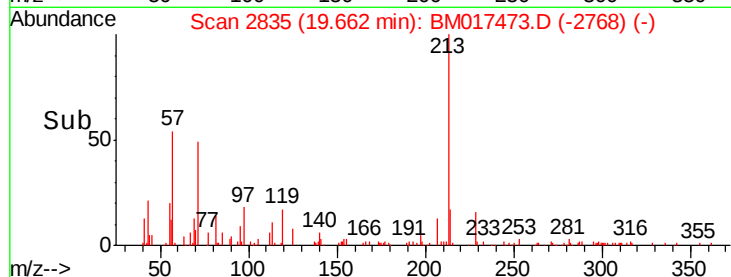
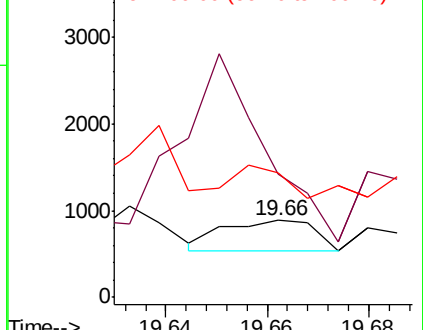
100 161.6 8.1 12.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Butylbenzylphthalate

Concen: 49422.315 ng/ul

RT: 20.60 min Scan# 2995

Delta R.T. 0.22 min

Lab File: BM017473.D

Acq: 01 Nov 2018 19:48

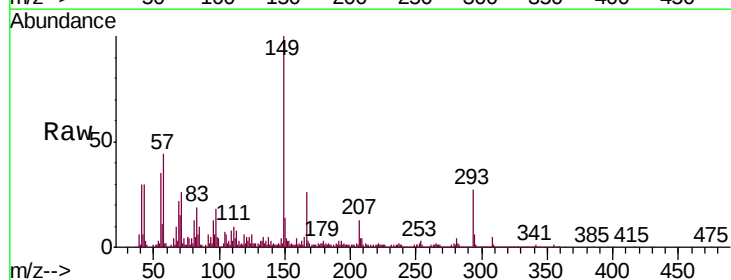
Tgt Ion:149 Resp: 339103

Ion Ratio Lower Upper

149 100

91 6.1 55.4 83.0#

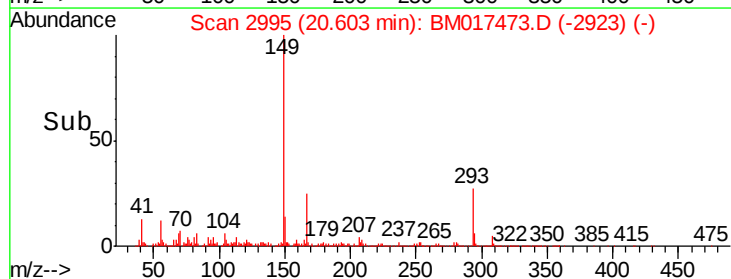
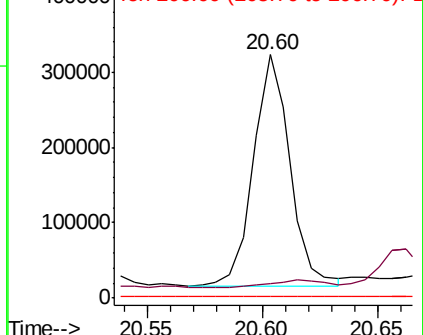
206 0.8 17.4 26.0#

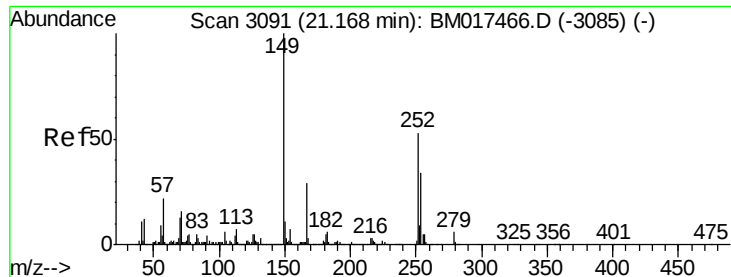


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

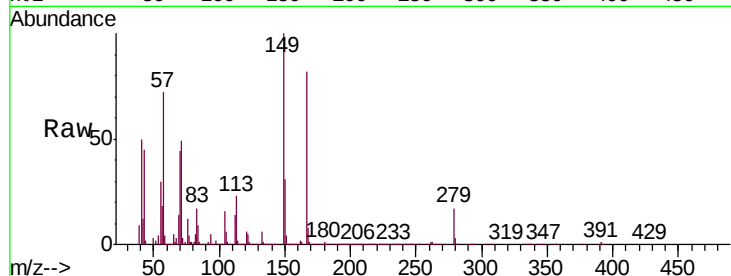




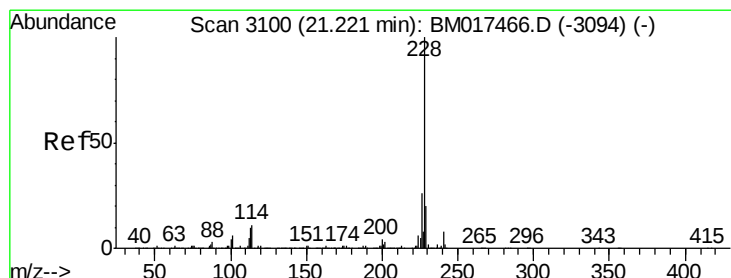
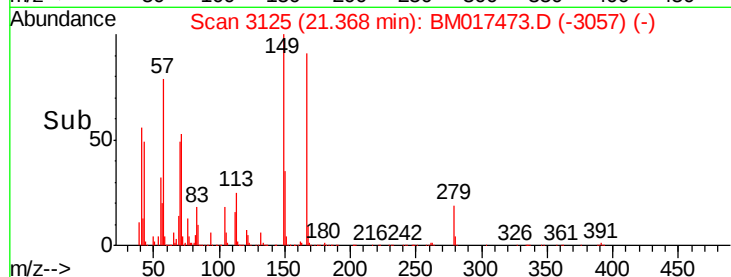
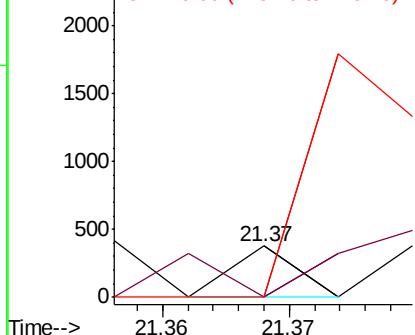
#82
 3,3'-Dichlorobenzidine
 Concen: 22.974 ng/ul
 RT: 21.37 min Scan# 3125
 Delta R.T. 0.20 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

Instrument :
 BNA_M
 ClientSampleId :
 A40E4

Tgt Ion: 252 Resp: 133
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.7 77.5#
 126 0.0 8.0 12.0#

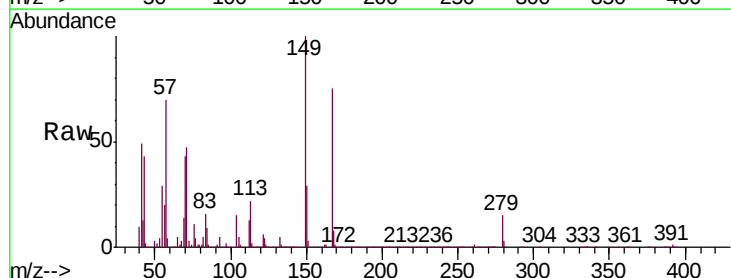


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

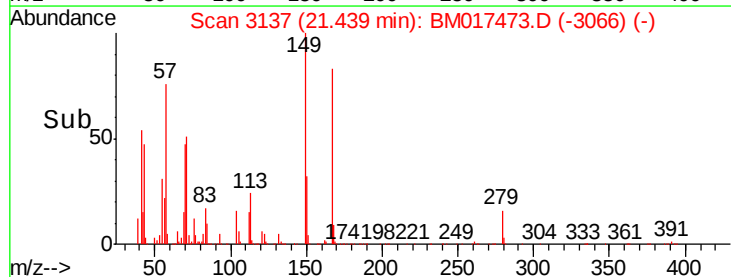
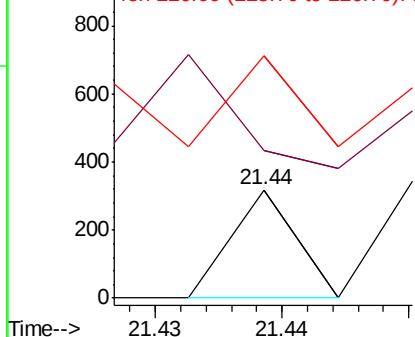


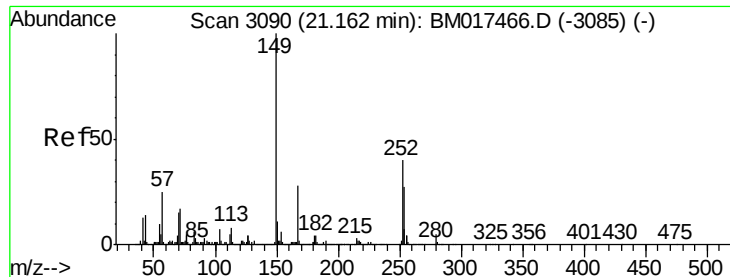
#83
 Benzo(a)anthracene
 Concen: 6.183 ng/ul
 RT: 21.44 min Scan# 3137
 Delta R.T. 0.22 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

Tgt Ion: 228 Resp: 112
 Ion Ratio Lower Upper
 228 100
 229 135.8 15.6 23.4#
 226 223.3 20.8 31.2#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E

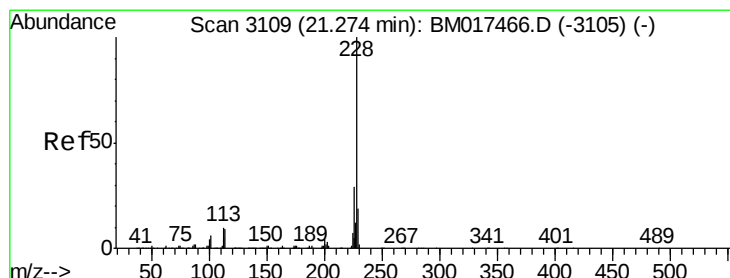
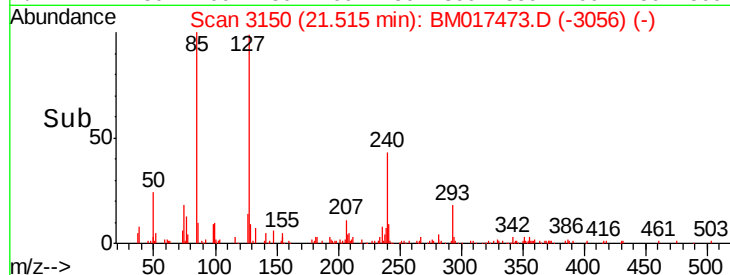
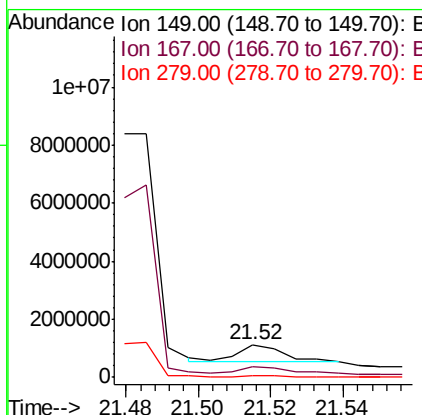
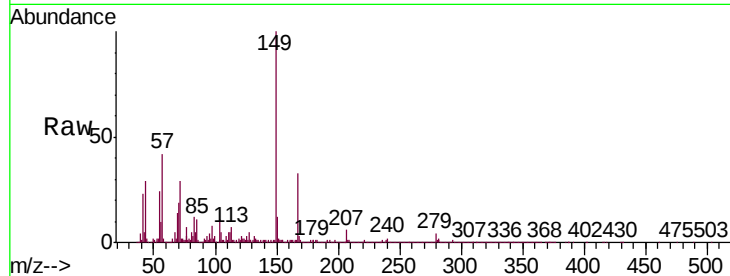




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50546.429 ng/ul
 RT: 21.52 min Scan# 3150
 Delta R.T. 0.35 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

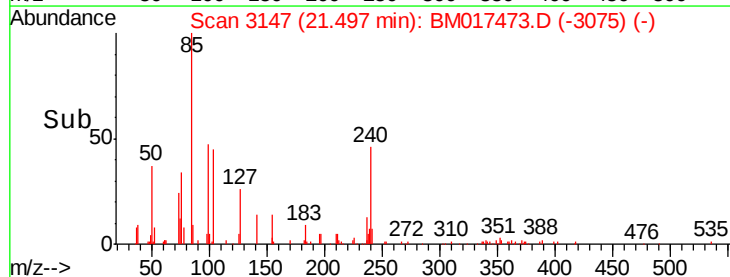
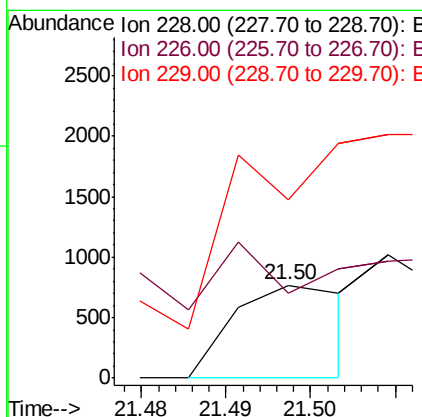
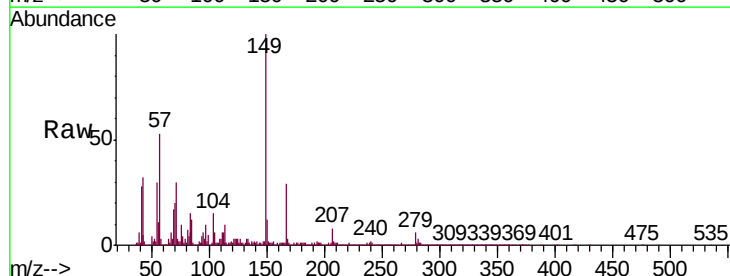
Instrument :
 BNA_M
 ClientSampleId :
 A40E4

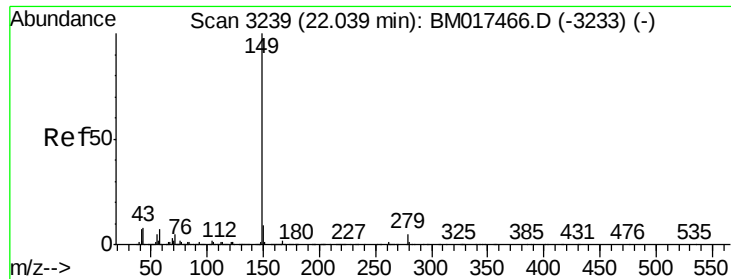
Tgt Ion:149 Resp: 506850
 Ion Ratio Lower Upper
 149 100
 167 32.9 23.0 34.6
 279 4.1 4.1 6.1



#85
 Chrysene
 Concen: 42.092 ng/ul
 RT: 21.50 min Scan# 3147
 Delta R.T. 0.22 min
 Lab File: BM017473.D
 Acq: 01 Nov 2018 19:48

Tgt Ion:228 Resp: 725
 Ion Ratio Lower Upper
 228 100
 226 91.8 23.3 34.9#
 229 192.8 15.6 23.4#





#87

Di-n-octyl phthalate

Concen: 2.090 ng/ul

RT: 22.09 min Scan# 3248

Delta R.T. 0.05 min

Lab File: BM017473.D

Acq: 01 Nov 2018 19:48

Instrument :

BNA_M

ClientSampleId :

A40E4

Tgt Ion:149 Resp: 102835

