

Data File : BM017471.D
Acq On : 01 Nov 2018 18:36
Operator : MJ/SJ
Sample : J5704-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40G1

Quant Time: Nov 02 02:44:31 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	290995	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1262444	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	751217	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	2088420	20.00	ng/ul	0.12
78) Chrysene-d12	21.42	240	686	20.00	ng/ul	0.18
86) Perylene-d12	23.49	264	1046530	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	23779	3.76	ng/uL	0.00
5) Phenol-d5	6.82	99	678499	25.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	385592	24.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	560022	27.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	538104	25.60	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	268563	27.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	306696	27.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	549239	26.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	699742	41.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1673171	25.97	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2143322	27.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	220946	18.36	ng/ul	0.01
58) Fluorene-d10	15.29	176	1598334	28.57	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.53	200	495	0.03	ng/ul	0.12
71) Anthracene-d10	17.16	188	2088420	20.20	ng/ul	0.03
79) Pyrene-d10	19.44	212	1926596	60620.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1630688	29.50	ng/ul	0.05

Target Compounds

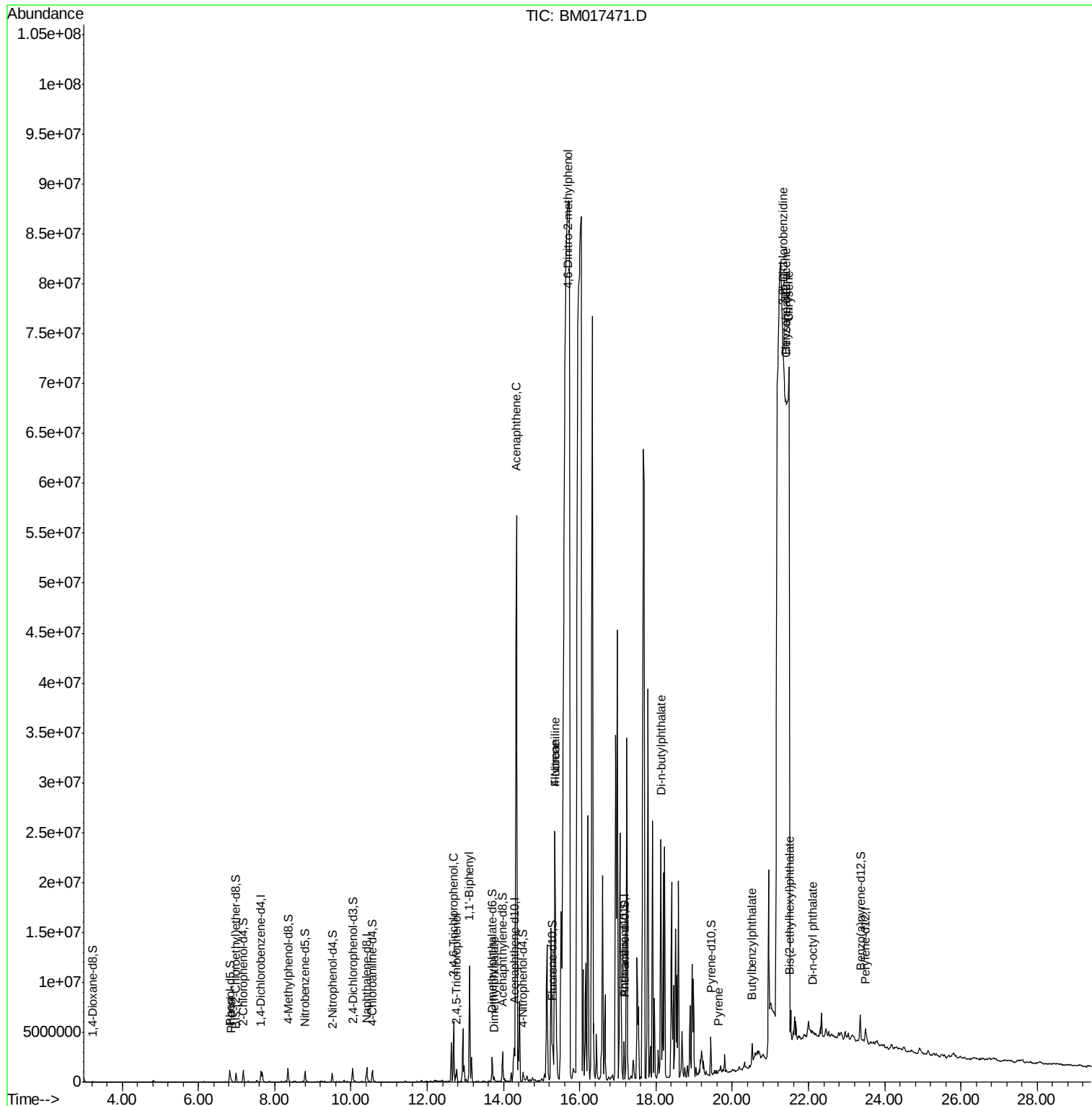
					Qvalue	
6) Phenol	6.85	94	158159	5.992	ng/ul	98
39) 2,4,6-Trichlorophenol	12.69	196	41856	2.613	ng/ul#	13
40) 2,4,5-Trichlorophenol	12.78	196	33210	1.926	ng/ul#	14
41) 1,1'-Biphenyl	13.11	154	3292068	52.972	ng/ul	99
45) Dimethylphthalate	13.75	163	312711	5.010	ng/ul	100
50) Acenaphthene	14.34	153	192737	3.667	ng/ul#	73
59) Fluorene	15.35	166	7485473	121.953	ng/ul#	40
61) 4-Nitroaniline	15.35	138	98504	6.957	ng/ul#	18
64) 4,6-Dinitro-2-methylphenol	15.68	198	887727	59.742	ng/ul#	1
76) Di-n-butylphthalate	18.12	149	457638	3.677	ng/ul#	1
80) Pyrene	19.64	202	440	11.045	ng/ul#	1
81) Butylbenzylphthalate	20.52	149	394006	24777.751	ng/ul#	30
82) 3,3'-Dichlorobenzidine	21.33	252	147	10.956	ng/ul#	1
83) Benzo(a)anthracene	21.41	228	131	3.121	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.52	149	218261	9391.928	ng/ul#	95
85) Chrysene	21.49	228	474	11.874	ng/ul#	1
87) Di-n-octyl phthalate	22.10	149	166525	3.055	ng/ul	100

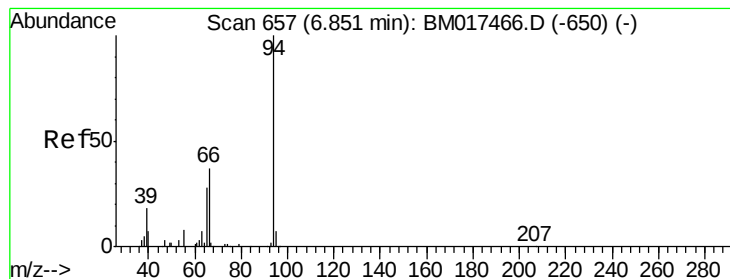
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.992 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM017471.D

Acq: 01 Nov 2018 18:36

Instrument :

BNA_M

ClientSampleId :

A40G1

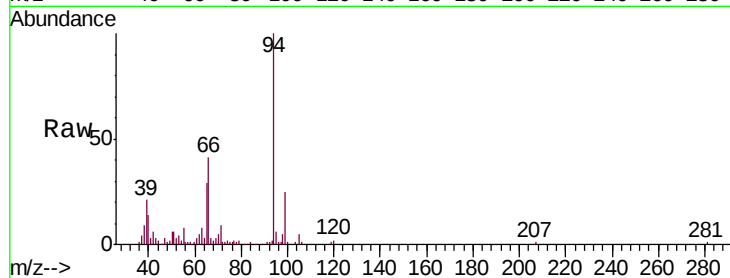
Tgt Ion: 94 Resp: 158159

Ion Ratio Lower Upper

94 100

65 29.4 24.0 36.0

66 40.9 31.1 46.7

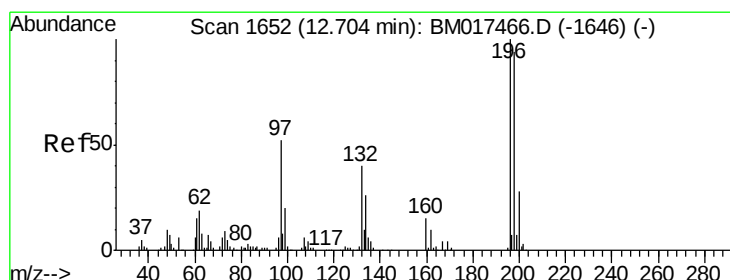
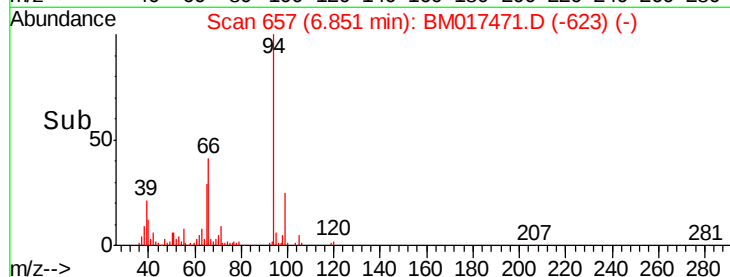
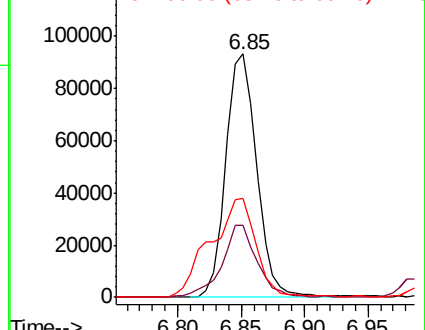


Abundance

Ion 94.00 (93.70 to 94.70): BM017466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM017466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM017466.D (-650) (-)



#39

2,4,6-Trichlorophenol

Concen: 2.613 ng/ul

RT: 12.69 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BM017471.D

Acq: 01 Nov 2018 18:36

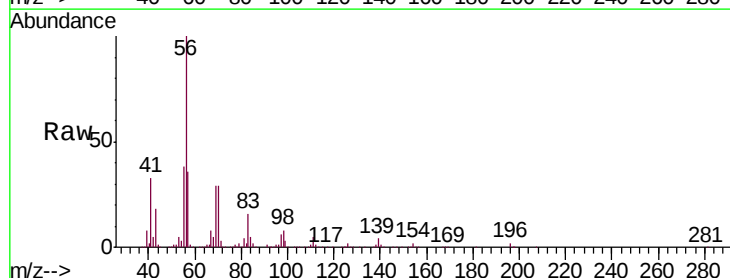
Tgt Ion: 196 Resp: 41856

Ion Ratio Lower Upper

196 100

198 1.3 77.0 115.4#

200 0.0 25.2 37.8#

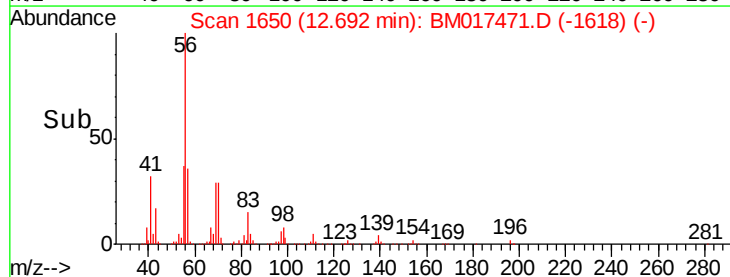
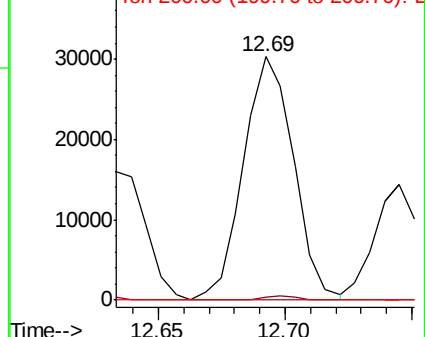


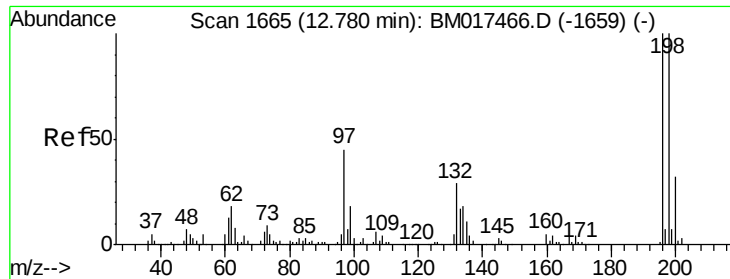
Abundance

Ion 196.00 (195.70 to 196.70): BM017466.D (-1646) (-)

Ion 198.00 (197.70 to 198.70): BM017466.D (-1646) (-)

Ion 200.00 (199.70 to 200.70): BM017466.D (-1646) (-)

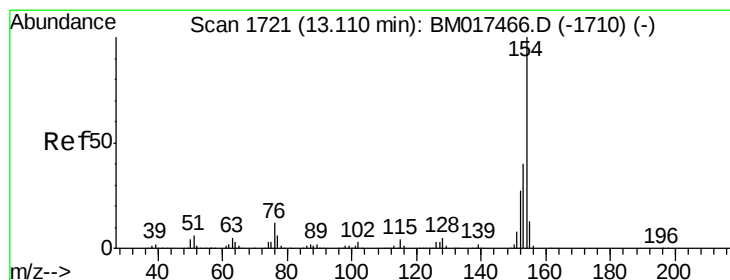
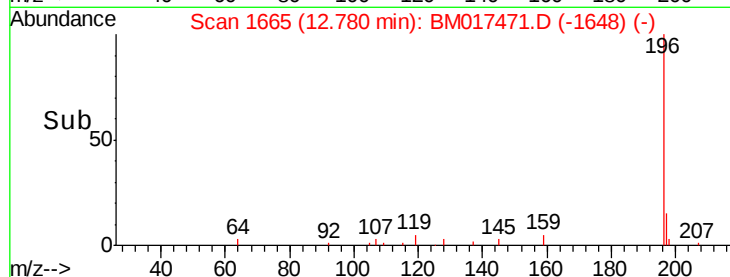
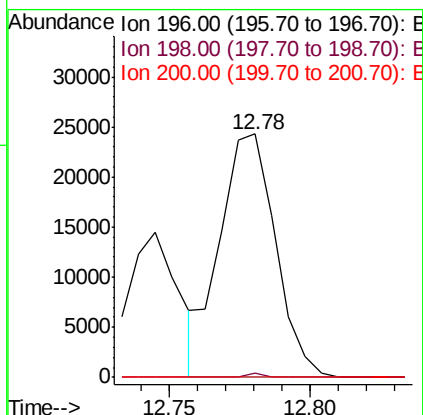
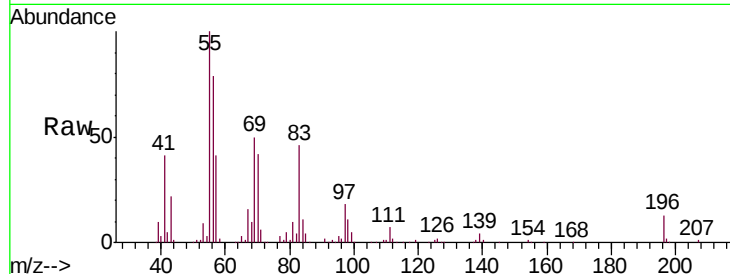




#40
 2,4,5-Trichlorophenol
 Concen: 1.926 ng/ul
 RT: 12.78 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BM017471.D
 Acq: 01 Nov 2018 18:36

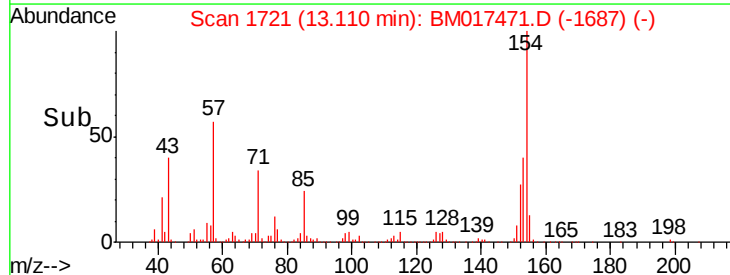
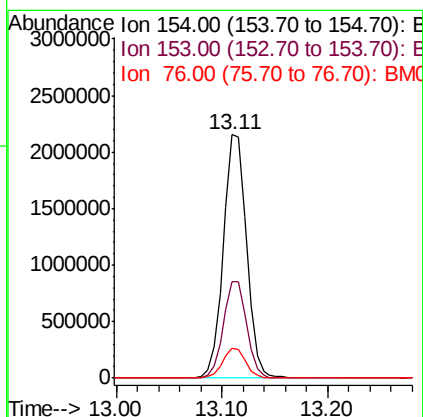
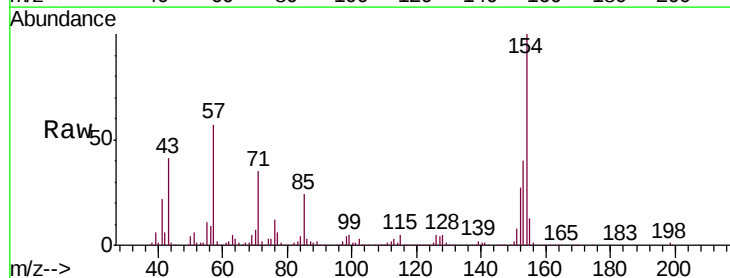
Instrument :
 BNA_M
 ClientSampleId :
 A40G1

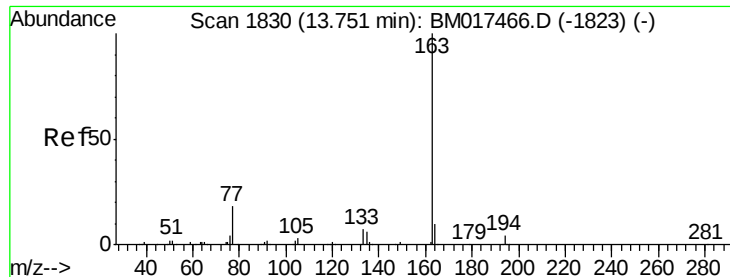
Tgt Ion:196 Resp: 33210
 Ion Ratio Lower Upper
 196 100
 198 1.8 76.2 114.4#
 200 0.0 25.4 38.2#



#41
 1,1'-Biphenyl
 Concen: 52.972 ng/ul
 RT: 13.11 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BM017471.D
 Acq: 01 Nov 2018 18:36

Tgt Ion:154 Resp: 3292068
 Ion Ratio Lower Upper
 154 100
 153 39.9 31.5 47.3
 76 12.2 9.8 14.6





#45

Dimethylphthalate

Concen: 5.010 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BM017471.D

Acq: 01 Nov 2018 18:36

Instrument :

BNA_M

ClientSampleId :

A40G1

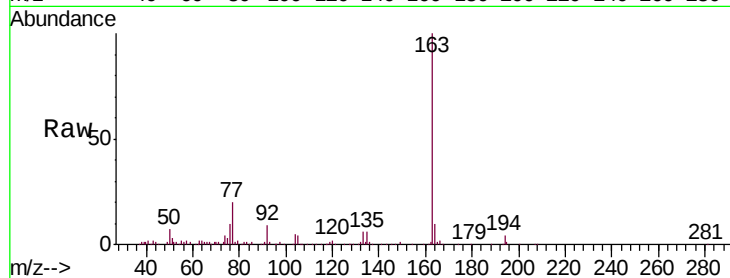
Tgt Ion:163 Resp: 312711

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

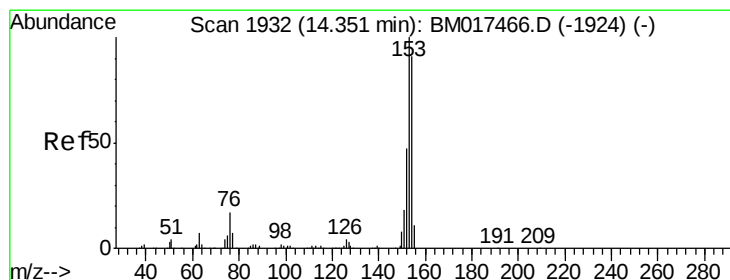
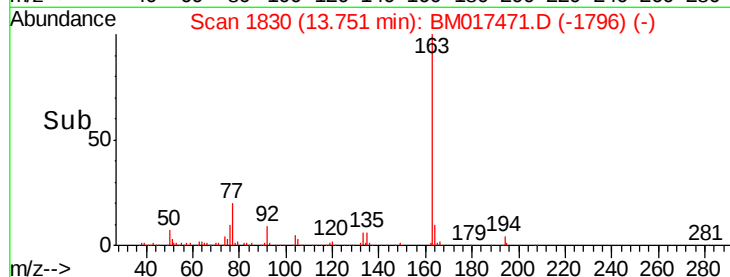
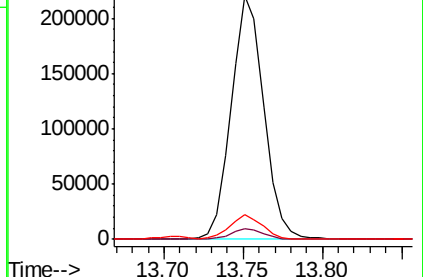
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 3.667 ng/ul

RT: 14.34 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM017471.D

Acq: 01 Nov 2018 18:36

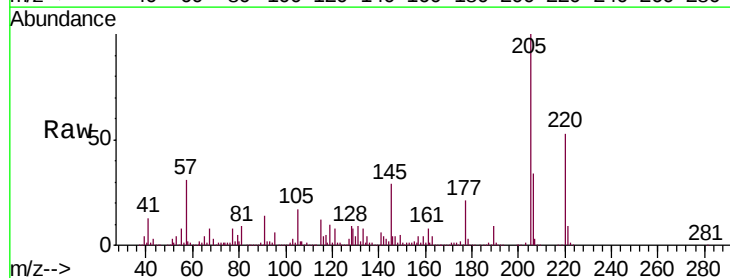
Tgt Ion:153 Resp: 192737

Ion Ratio Lower Upper

153 100

152 49.4 36.9 55.3

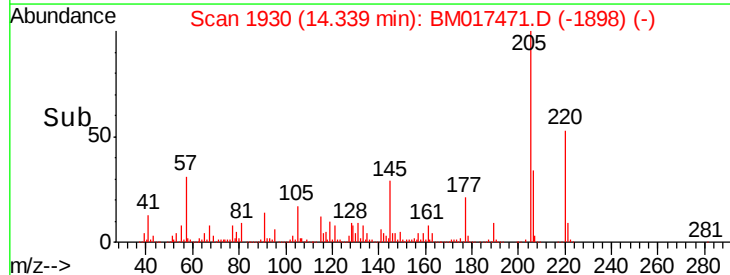
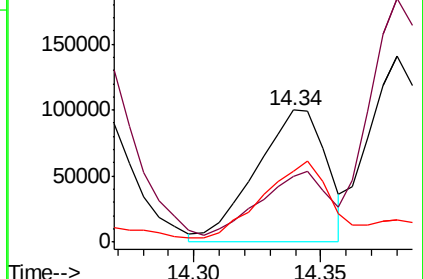
154 54.1 72.2 108.4#

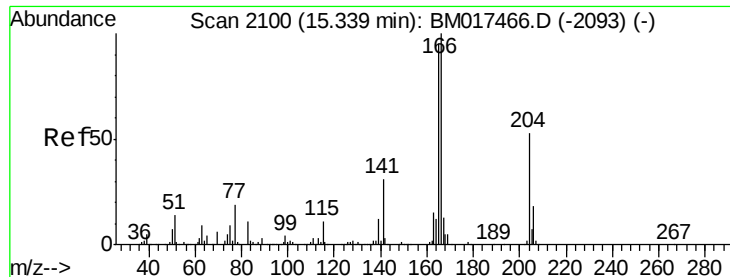


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

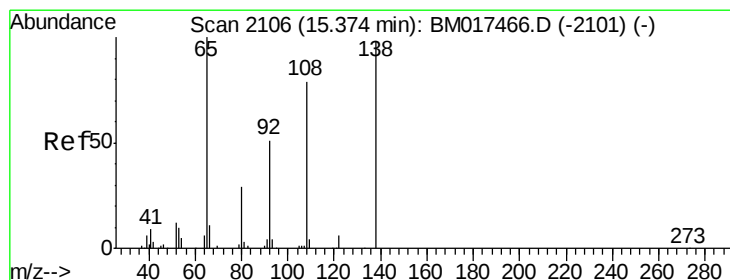
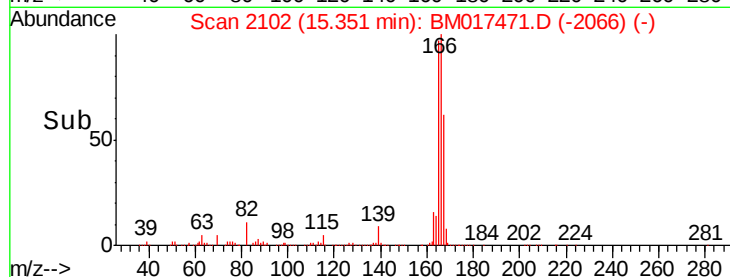
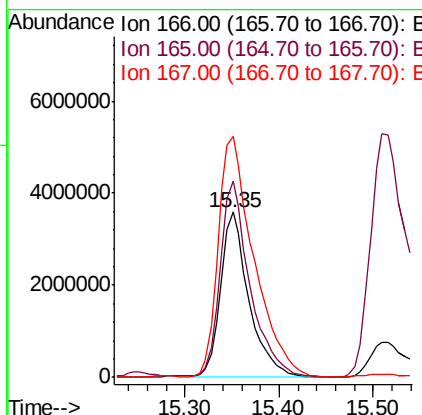
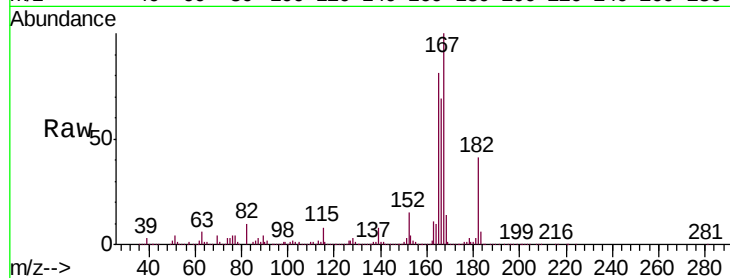




#59
 Fluorene
 Concen: 121.953 ng/ul
 RT: 15.35 min Scan# 2102
 Delta R.T. 0.01 min
 Lab File: BM017471.D
 Acq: 01 Nov 2018 18:36

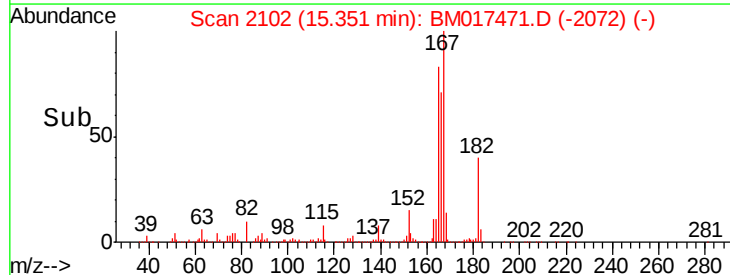
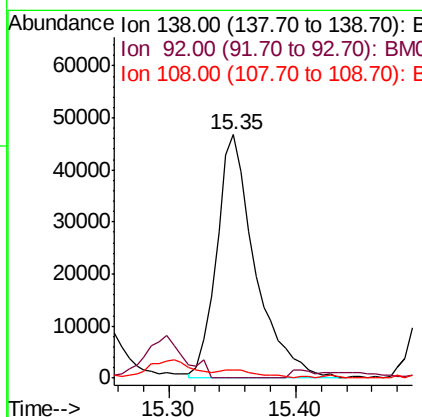
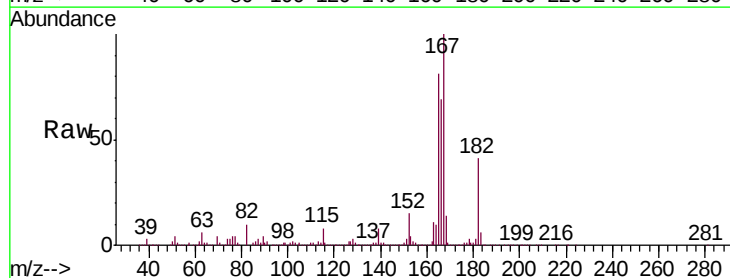
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 BNA_M
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 A40G1

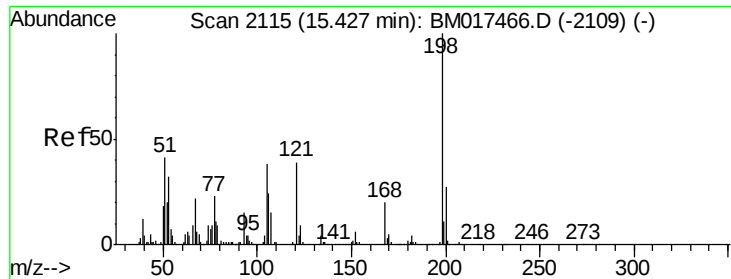
Tgt Ion:166 Resp: 7485473
 Ion Ratio Lower Upper
 166 100
 165 118.6 77.5 116.3#
 167 145.6 10.8 16.2#



#61
 4-Nitroaniline
 Concen: 6.957 ng/ul
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.02 min
 Lab File: BM017471.D
 Acq: 01 Nov 2018 18:36

Tgt Ion:138 Resp: 98504
 Ion Ratio Lower Upper
 138 100
 92 0.0 41.5 62.3#
 108 3.1 63.7 95.5#

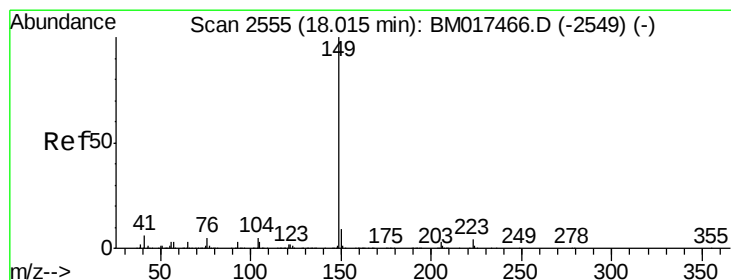
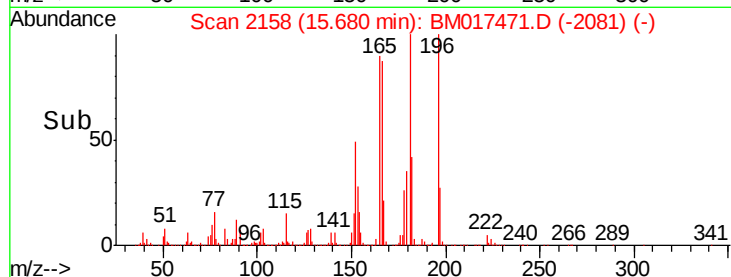
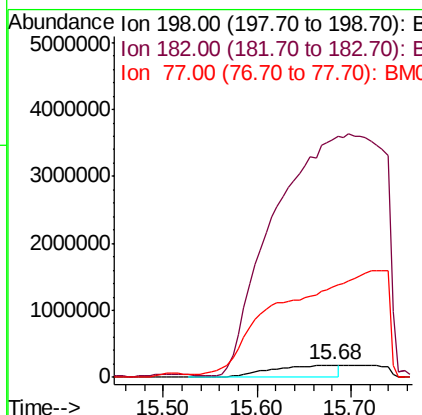
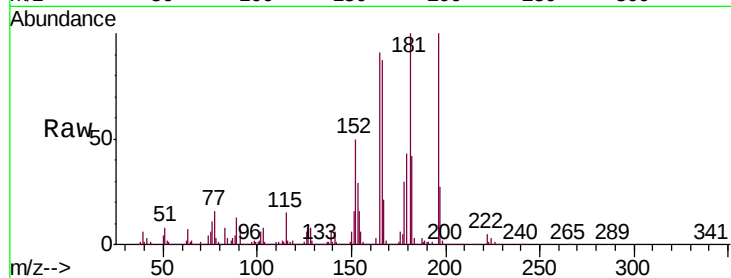




#64
 4,6-Dinitro-2-methylphenol
 Concen: 59.742 ng/ul
 RT: 15.68 min Scan# 2158
 Delta R.T. 0.25 min
 Lab File: BM017471.D
 Acq: 01 Nov 2018 18:36

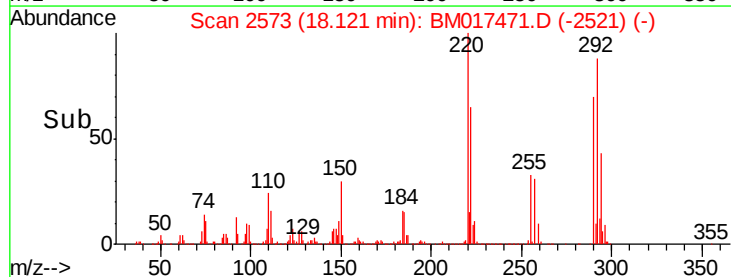
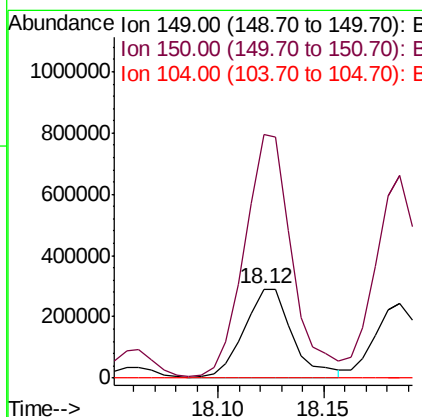
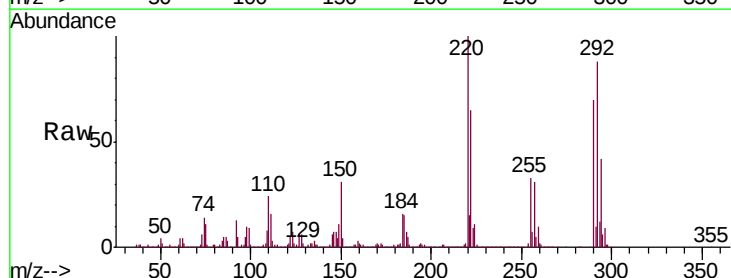
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 BNA_M
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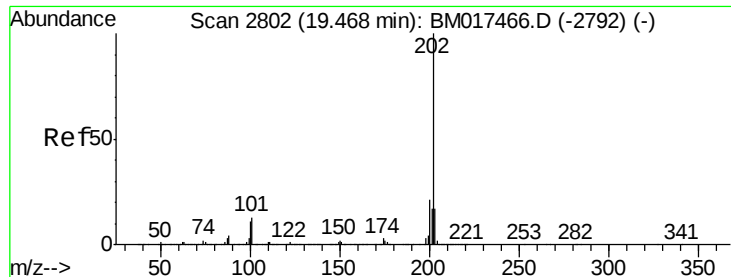
Tgt Ion:198 Resp: 887727
 Ion Ratio Lower Upper
 198 100
 182 1952.6 3.5 5.3#
 77 744.4 20.3 30.5#



#76
 Di-n-butylphthalate
 Concen: 3.677 ng/ul
 RT: 18.12 min Scan# 2573
 Delta R.T. 0.11 min
 Lab File: BM017471.D
 Acq: 01 Nov 2018 18:36

Tgt Ion:149 Resp: 457638
 Ion Ratio Lower Upper
 149 100
 150 274.0 7.0 10.6#
 104 0.6 4.0 6.0#





#80

Pyrene

Concen: 11.045 ng/ul

RT: 19.64 min Scan# 2831

Delta R.T. 0.17 min

Lab File: BM017471.D

Acq: 01 Nov 2018 18:36

Instrument :

BNA_M

ClientSampled :

A40G1

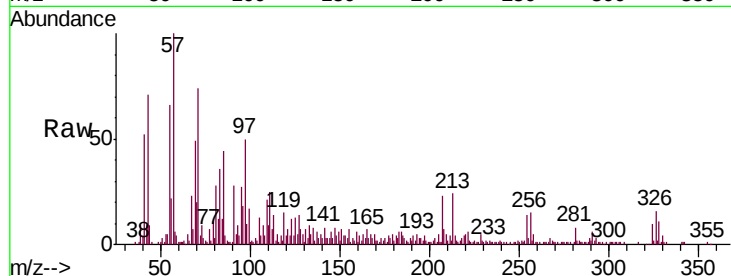
Tgt Ion:202 Resp: 440

Ion Ratio Lower Upper

202 100

101 144.5 9.5 14.3#

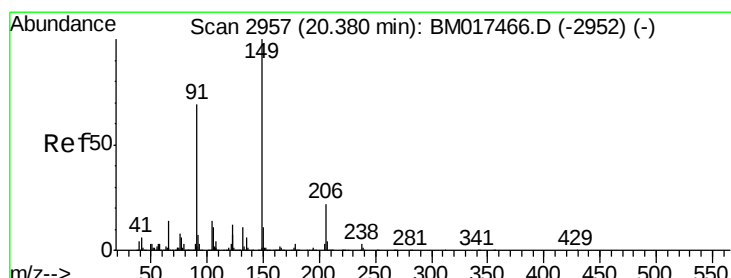
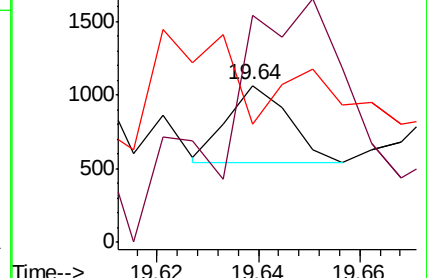
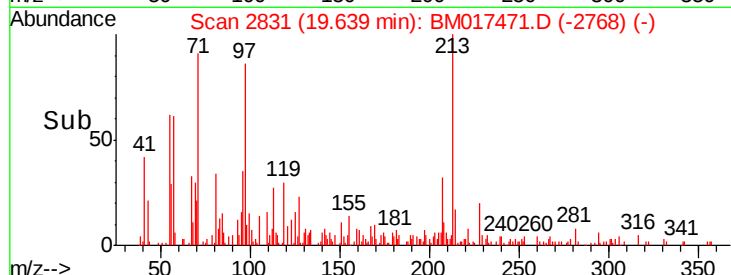
100 75.0 8.1 12.1#



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: 24777.751 ng/ul

RT: 20.52 min Scan# 2980

Delta R.T. 0.14 min

Lab File: BM017471.D

Acq: 01 Nov 2018 18:36

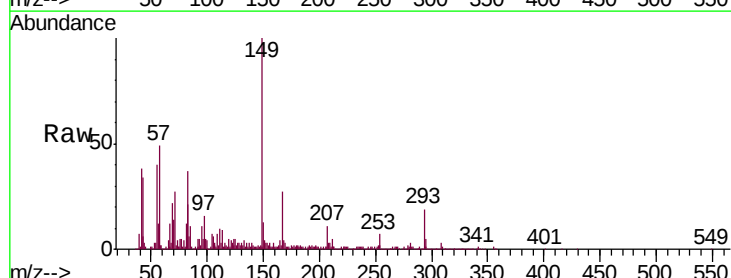
Tgt Ion:149 Resp: 394006

Ion Ratio Lower Upper

149 100

91 5.2 55.4 83.0#

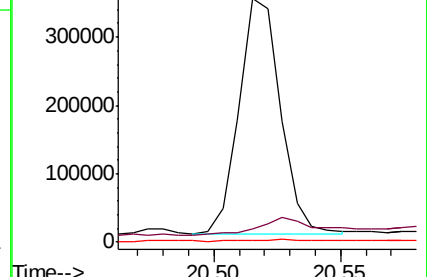
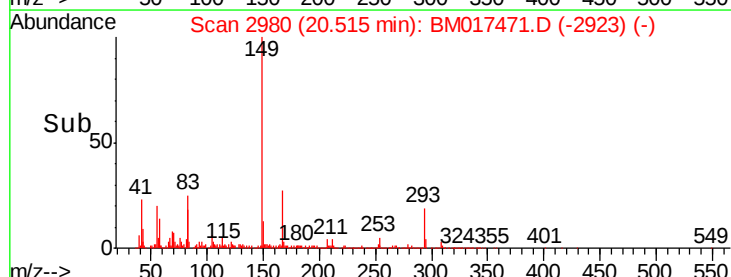
206 0.6 17.4 26.0#

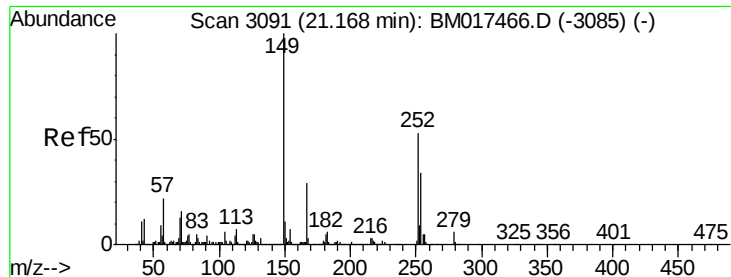


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 10.956 ng/ul

RT: 21.33 min Scan# 3119

Delta R.T. 0.16 min

Lab File: BM017471.D

Acq: 01 Nov 2018 18:36

Instrument :

BNA_M

ClientSampled :

A40G1

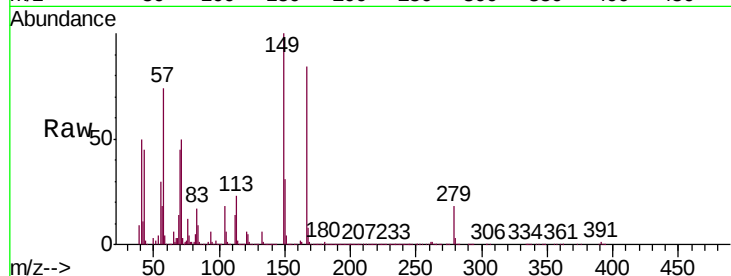
Tgt Ion:252 Resp: 147

Ion Ratio Lower Upper

252 100

254 107.9 51.7 77.5#

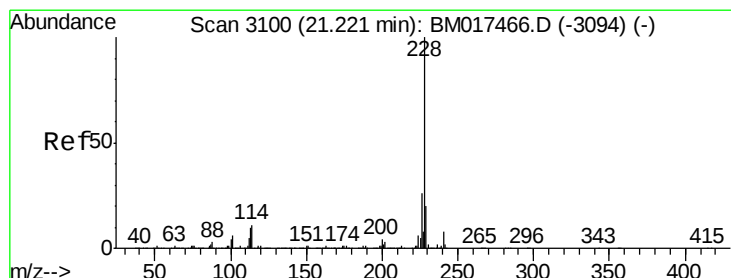
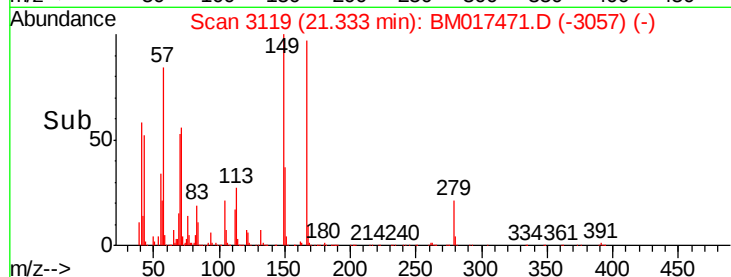
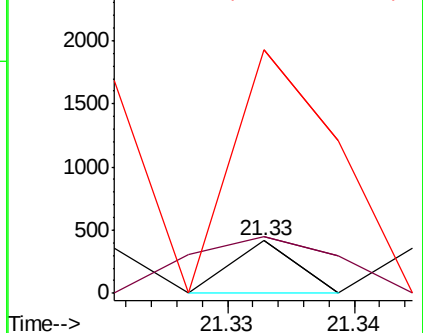
126 462.1 8.0 12.0#



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: 3.121 ng/ul

RT: 21.41 min Scan# 3132

Delta R.T. 0.19 min

Lab File: BM017471.D

Acq: 01 Nov 2018 18:36

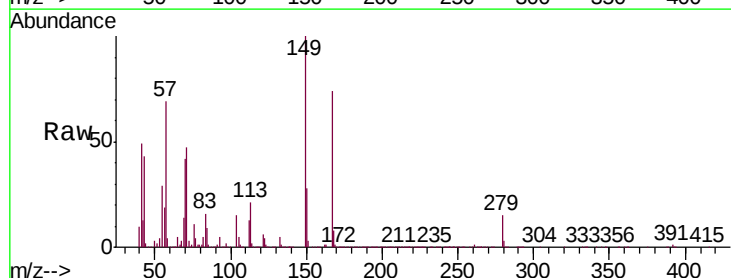
Tgt Ion:228 Resp: 131

Ion Ratio Lower Upper

228 100

229 0.0 15.6 23.4#

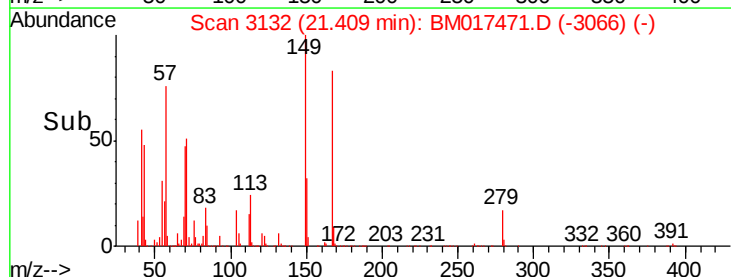
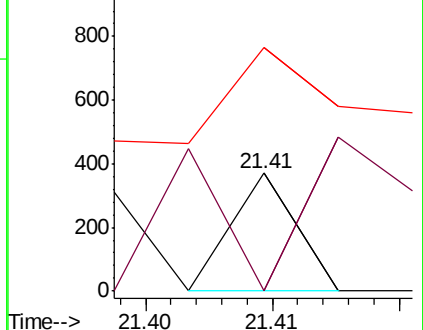
226 206.2 20.8 31.2#

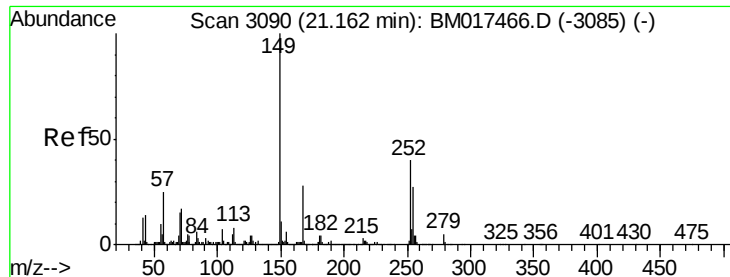


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 9391.928 ng/ul

RT: 21.52 min Scan# 3150

Delta R.T. 0.35 min

Lab File: BM017471.D

Acq: 01 Nov 2018 18:36

Instrument :

BNA_M

ClientSampleId :

A40G1

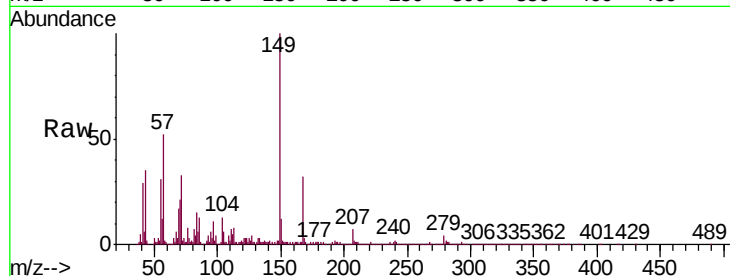
Tgt Ion:149 Resp: 218261

Ion Ratio Lower Upper

149 100

167 31.8 23.0 34.6

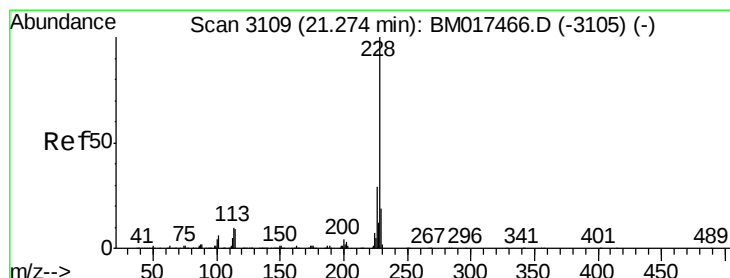
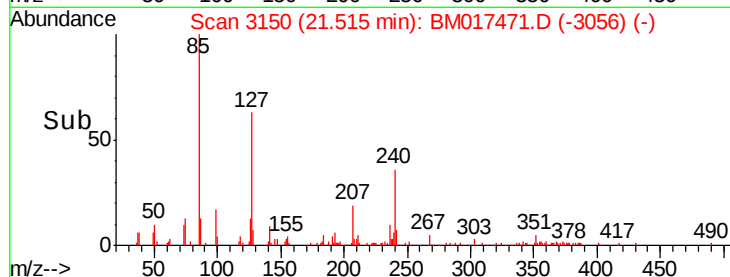
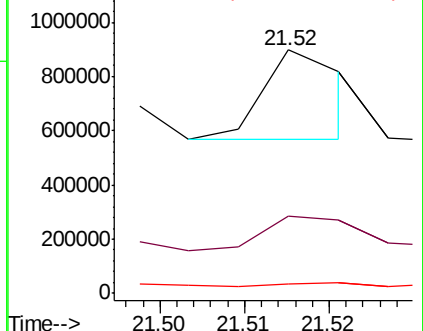
279 4.0 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 11.874 ng/ul

RT: 21.49 min Scan# 3146

Delta R.T. 0.22 min

Lab File: BM017471.D

Acq: 01 Nov 2018 18:36

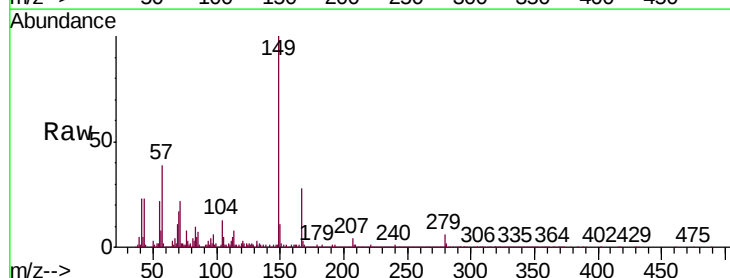
Tgt Ion:228 Resp: 474

Ion Ratio Lower Upper

228 100

226 79.4 23.3 34.9#

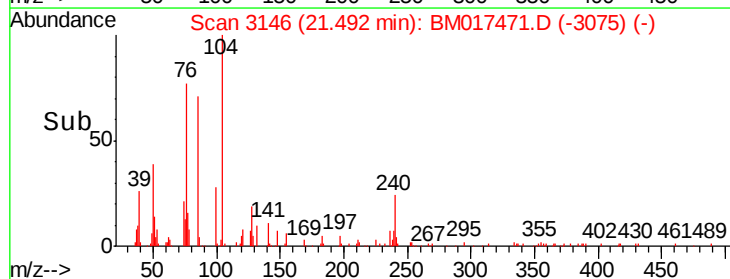
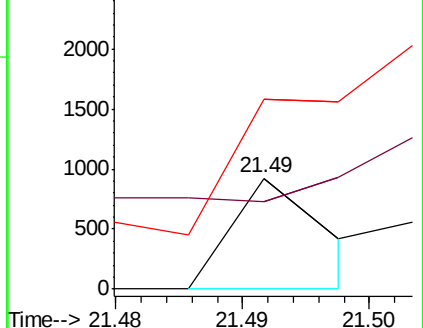
229 171.1 15.6 23.4#

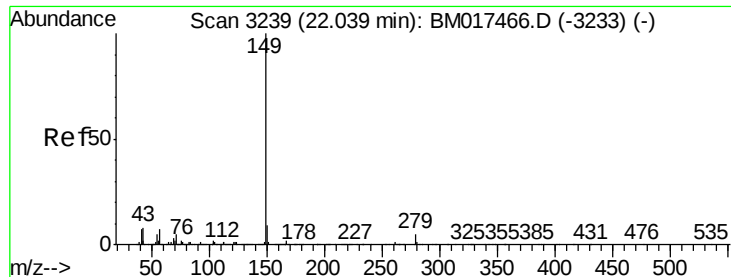


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 3.055 ng/ul

RT: 22.10 min Scan# 3249

Delta R.T. 0.06 min

Lab File: BM017471.D

Acq: 01 Nov 2018 18:36

Instrument :

BNA_M

ClientSampleId :

A40G1

Tgt Ion:149 Resp: 166525

