

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018400.D
 Acq On : 27 Dec 2018 17:29
 Operator : JU/SJ
 Sample : J6569-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381128109-2

Quant Time: Dec 28 04:04:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	307914	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1392106	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	857913	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2047193	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2262951	20.00	ng	0.00
87) Perylene-d12	23.66	264	2348982	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	142955	8.75	ng	0.00
7) Phenol-d6	6.93	99	133360	5.88	ng	0.00
23) Nitrobenzene-d5	8.95	82	440699	18.17	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	289004	26.51	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1217217	19.22	ng	0.00
79) Terphenyl-d14	19.81	244	3772065	35.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	551	0.083	ng	# 1
3) Pyridine	3.69	79	121	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.63	42	246	0.033	ng	# 1
6) Aniline	7.12	93	242	0.009	ng	# 3
8) 2-Chlorophenol	7.32	128	419	0.021	ng	# 35
9) Benzaldehyde	6.93	77	4836	0.304	ng	# 68
10) Phenol	6.97	94	139	0.006	ng	# 10
15) Benzyl Alcohol	8.02	79	980	0.056	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	8.29	45	471	0.016	ng	# 69
17) 2-Methylphenol	8.16	107	112	0.007	ng	# 1
18) Hexachloroethane	8.89	117	127	0.015	ng	# 44
19) n-Nitroso-di-n-propylamine	8.50	70	119	0.007	ng	# 30
20) 3+4-Methylphenols	8.53	107	109	0.005	ng	# 22
22) Acetophenone	8.60	105	1416	0.040	ng	# 37
24) Nitrobenzene	8.99	77	361	0.015	ng	# 38
25) Isophorone	9.54	82	224	0.005	ng	# 64
27) 2,4-Dimethylphenol	9.76	122	187	0.011	ng	# 3
31) Naphthalene	10.63	128	1215	0.018	ng	# 69
36) 4-Chloro-3-methylphenol	11.77	107	123	0.006	ng	# 17
37) 2-Methylnaphthalene	12.25	142	273	0.006	ng	# 15
46) 1,1'-Biphenyl	13.25	154	3058	0.042	ng	# 92
48) 2-Nitroaniline	13.56	65	115	0.008	ng	# 3
51) 2,6-Dinitrotoluene	13.94	165	312	0.021	ng	# 23
52) Acenaphthene	14.43	154	3290	0.063	ng	# 4
58) Fluorene	15.47	166	1138	0.017	ng	# 9
60) Diethylphthalate	15.25	149	7868	0.105	ng	# 84
62) 4-Nitroaniline	15.49	138	121	0.007	ng	# 15
63) Azobenzene	15.76	77	666	0.010	ng	# 54
71) Phenanthrene	17.22	178	1919	0.018	ng	# 92
72) Anthracene	17.30	178	454	0.004	ng	# 61
73) Carbazole	17.58	167	718	0.006	ng	# 45
74) Di-n-butylphthalate	18.14	149	13911	0.108	ng	# 97
75) Fluoranthene	19.23	202	2257	0.018	ng	# 61
77) Benzidine	19.45	184	1579	0.024	ng	# 1

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 Sample : J6569-01
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Instrument :
 BNA_M
 ClientSampleId :
 381128109-2

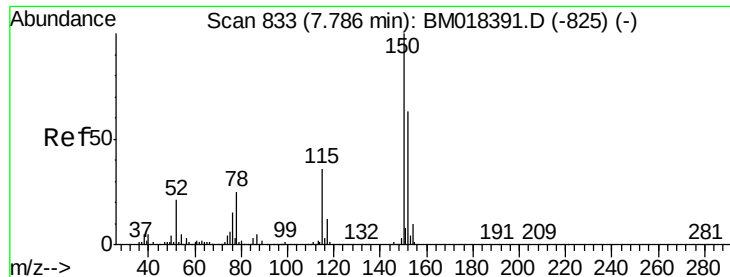
Quant Time: Dec 28 04:04:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

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

78) Pyrene	19.60	202	1933	0.015	ng	# 58
80) Butylbenzylphthalate	20.50	149	2108	6.665	ng	# 63
81) Benzo(a)anthracene	21.37	228	8303	0.062	ng	# 62
82) 3,3'-Dichlorobenzidine	21.27	252	339	0.007	ng	# 26
83) Chrysene	21.40	228	1439	0.011	ng	# 88
84) Bis(2-ethylhexyl)phthalate	21.29	149	26619	0.301	ng	# 97
85) Di-n-octyl phthalate	22.19	149	624	0.004	ng	# 56
86) Indeno(1,2,3-cd)pyrene	25.99	276	152	0.001	ng	# 14
88) Benzo(b)fluoranthene	22.97	252	2834	0.022	ng	# 1
89) Benzo(k)fluoranthene	23.01	252	423	0.003	ng	# 1
90) Benzo(a)pyrene	23.55	252	2526	0.020	ng	# 1
91) Dibenzo(a,h)anthracene	26.03	278	227	0.002	ng	# 56
92) Benzo(g,h,i)perylene	26.70	276	163	0.001	ng	# 52

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

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\  
Data File : BM018400.D  
Acq On    : 27 Dec 2018  17:29  
Operator  : JU/SJ  
Sample    : J6569-01  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```

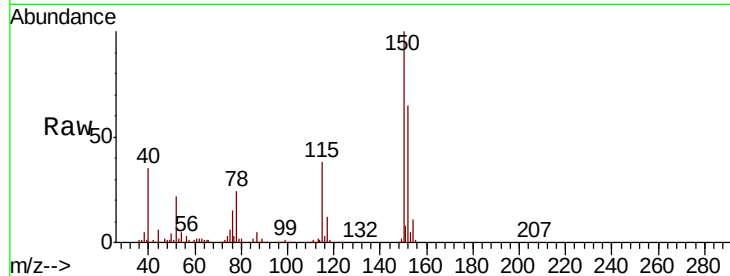


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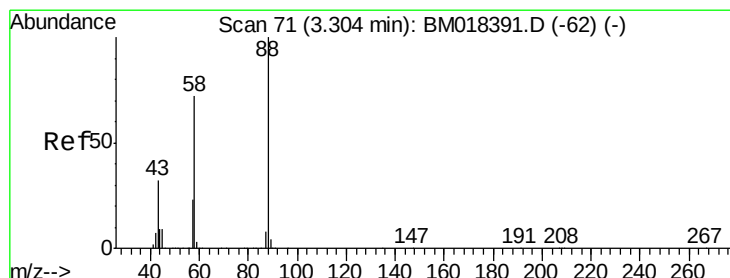
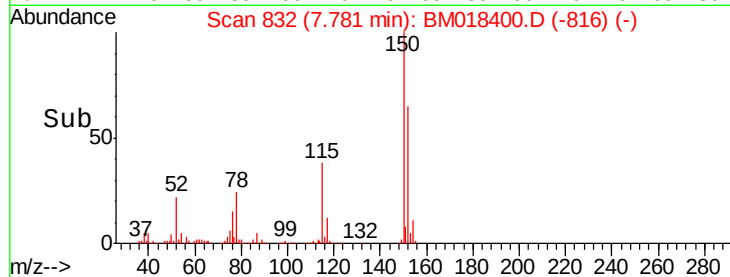
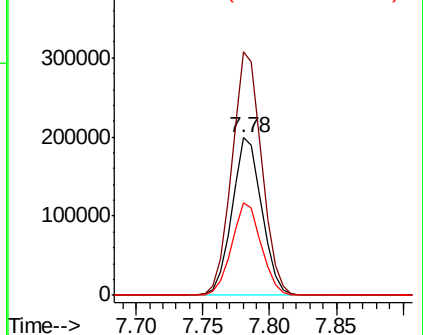
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

Instrument :
BNA_M
ClientSampleId :
381128109-2

Tgt Ion:152 Resp: 307914
Ion Ratio Lower Upper
152 100
150 154.8 126.9 190.3
115 59.0 45.5 68.3



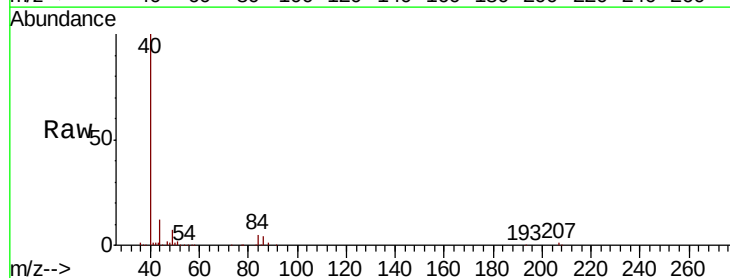
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



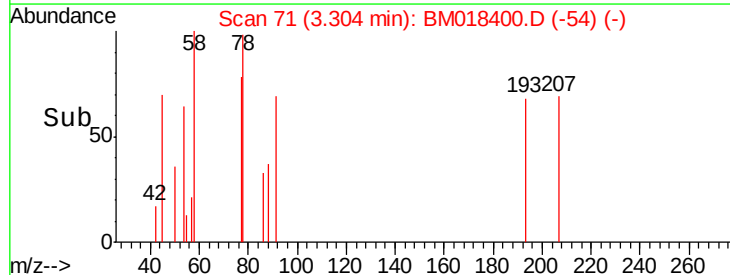
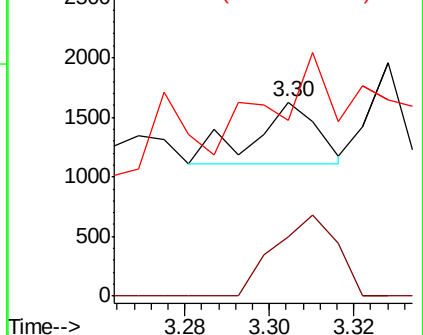
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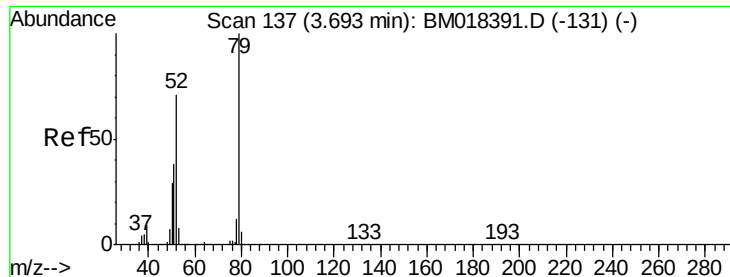
1,4-Dioxane
Concen: 0.083 ng
RT: 3.30 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

Tgt Ion: 88 Resp: 551
Ion Ratio Lower Upper
88 100
58 126.3 58.4 87.6#
43 295.5 26.2 39.4#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 0.007 ng

RT: 3.69 min Scan# 137

Delta R.T. 0.00 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

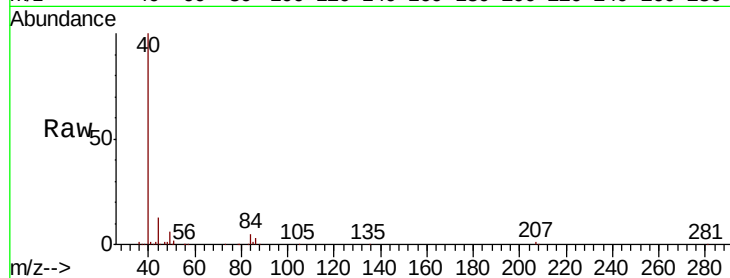
Tgt Ion: 79 Resp: 121

Ion Ratio Lower Upper

79 100

52 0.0 56.4 84.6#

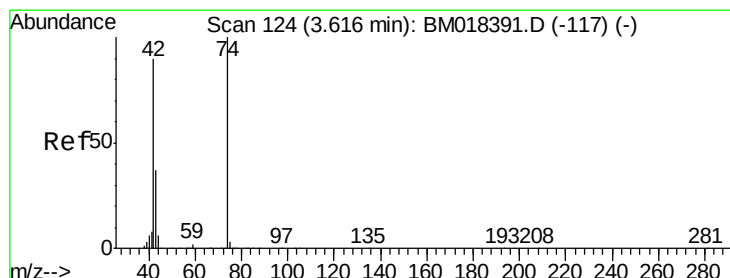
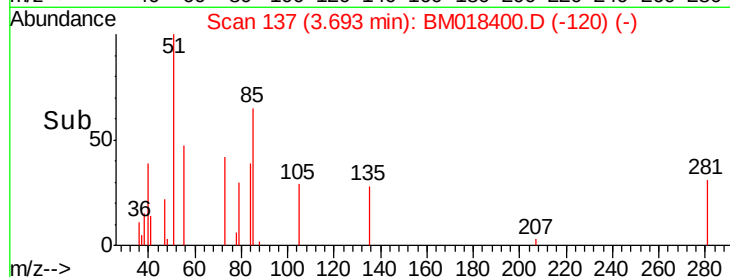
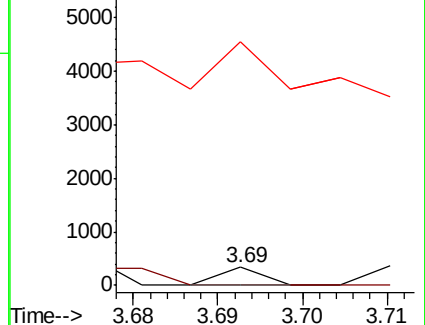
51 1330.1 31.0 46.4#



Abundance Ion 79.00 (78.70 to 79.70): BM018391.D (-131) (-)

Ion 52.00 (51.70 to 52.70): BM018391.D (-131) (-)

Ion 51.00 (50.70 to 51.70): BM018391.D (-131) (-)



#4

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.63 min Scan# 126

Delta R.T. 0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

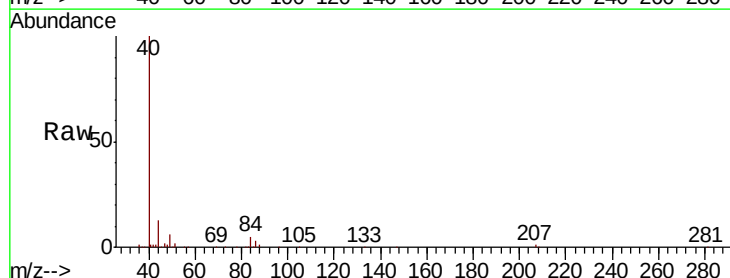
Tgt Ion: 42 Resp: 246

Ion Ratio Lower Upper

42 100

74 0.0 88.6 132.8#

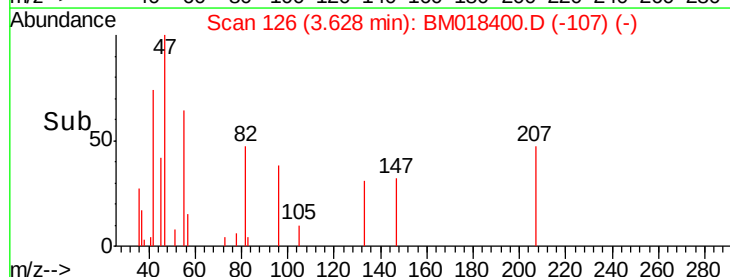
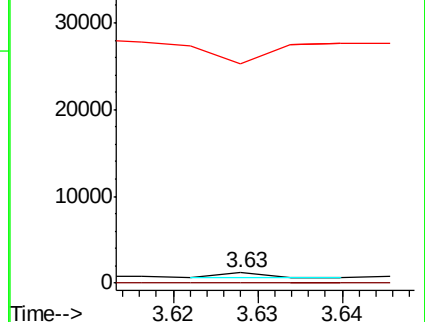
44 2104.9 16.9 25.3#

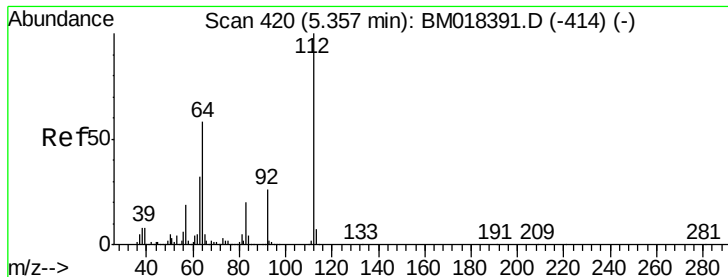


Abundance Ion 42.00 (41.70 to 42.70): BM018391.D (-117) (-)

Ion 74.00 (73.70 to 74.70): BM018391.D (-117) (-)

Ion 44.00 (43.70 to 44.70): BM018391.D (-117) (-)





#5

2-Fluorophenol

Concen: 8.753 ng

RT: 5.36 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

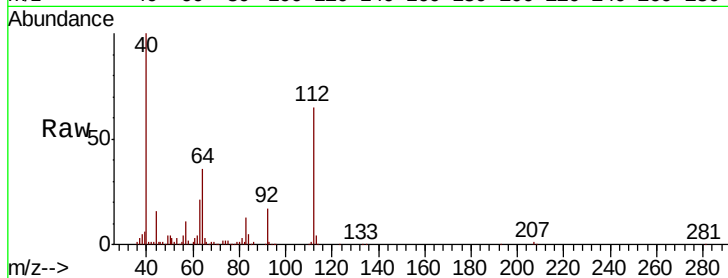
Tgt Ion: 112 Resp: 142955

Ion Ratio Lower Upper

112 100

64 55.5 46.5 69.7

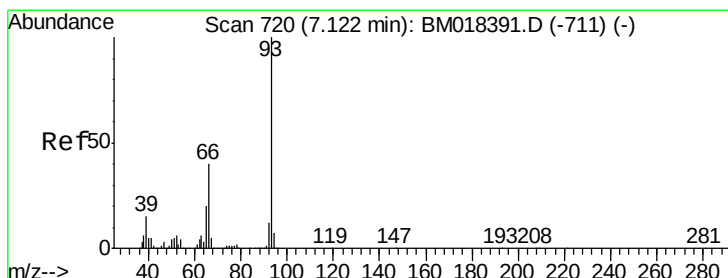
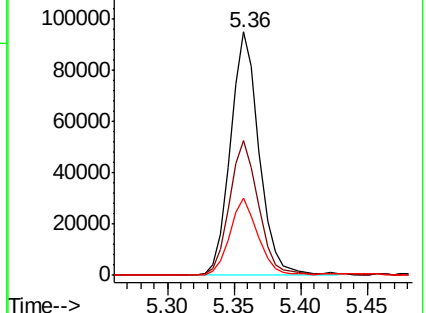
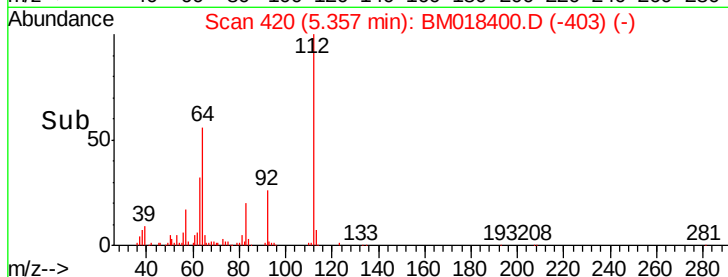
63 31.9 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 0.009 ng

RT: 7.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

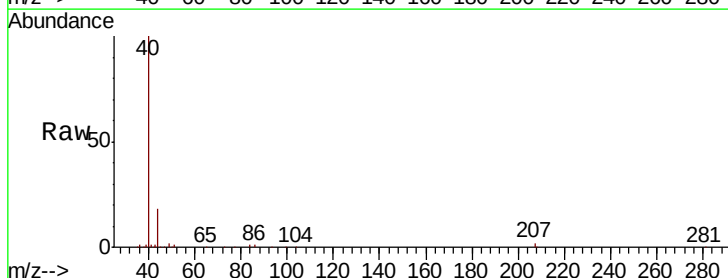
Tgt Ion: 93 Resp: 242

Ion Ratio Lower Upper

93 100

66 0.0 31.7 47.5#

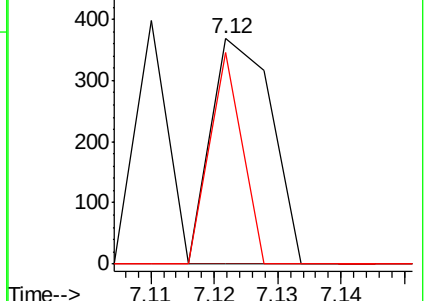
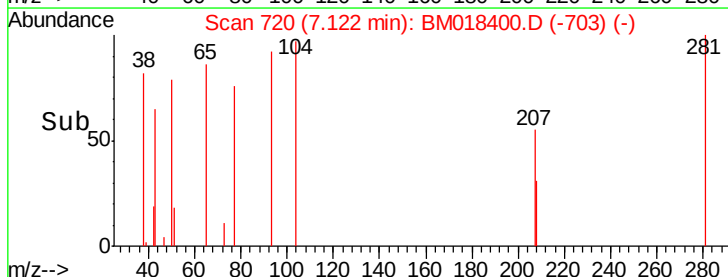
65 93.8 15.9 23.9#

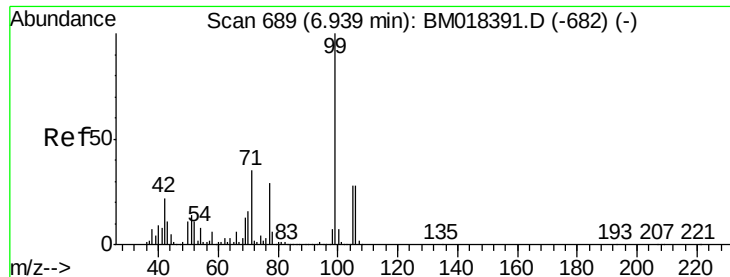


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 5.881 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampled :

381128109-2

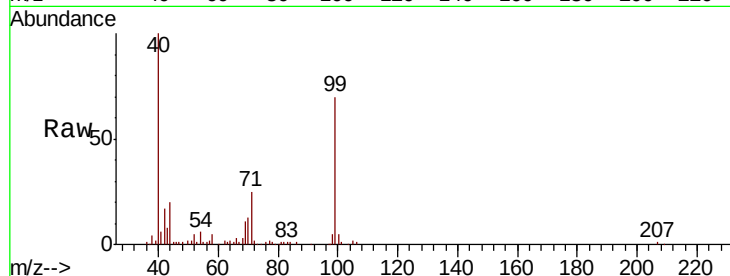
Tgt Ion: 99 Resp: 133360

Ion Ratio Lower Upper

99 100

42 24.6 17.3 25.9

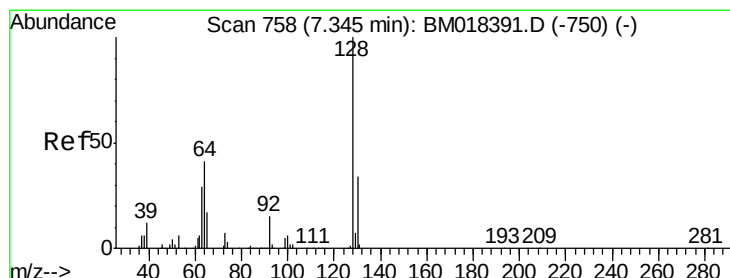
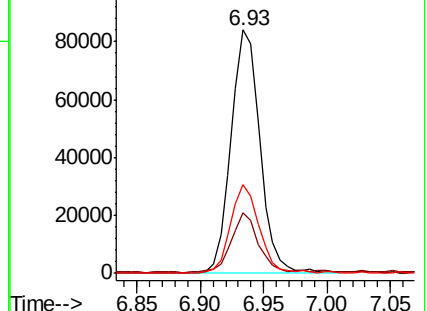
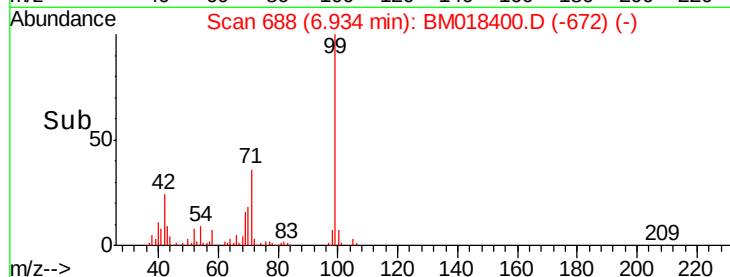
71 36.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018400.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM018400.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM018400.D (-672) (-)



#8

2-Chlorophenol

Concen: 0.021 ng

RT: 7.32 min Scan# 753

Delta R.T. -0.03 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

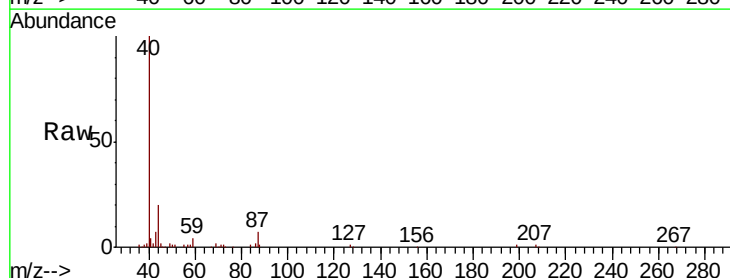
Tgt Ion: 128 Resp: 419

Ion Ratio Lower Upper

128 100

130 0.0 13.6 53.6#

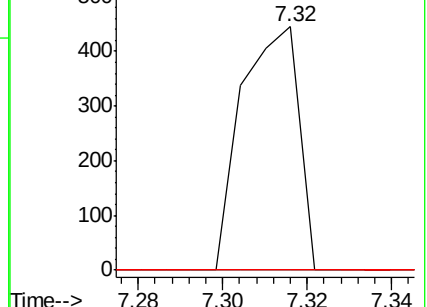
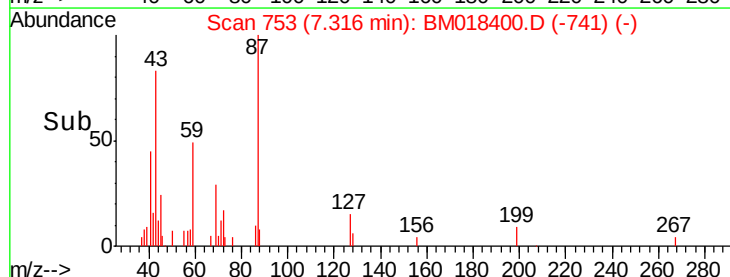
64 0.0 24.8 64.8#

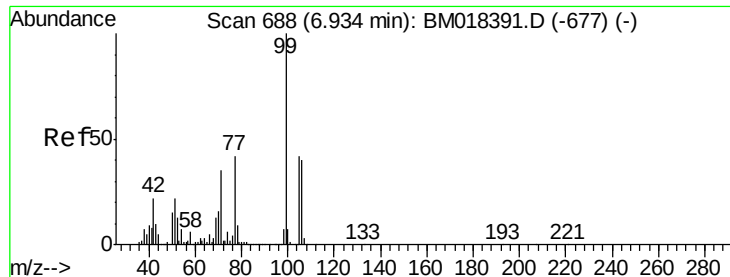


Abundance Ion 128.00 (127.70 to 128.70): BM018400.D (-741) (-)

Ion 130.00 (129.70 to 130.70): BM018400.D (-741) (-)

Ion 64.00 (63.70 to 64.70): BM018400.D (-741) (-)





#9

Benzaldehyde

Concen: 0.304 ng

RT: 6.93 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampled :

381128109-2

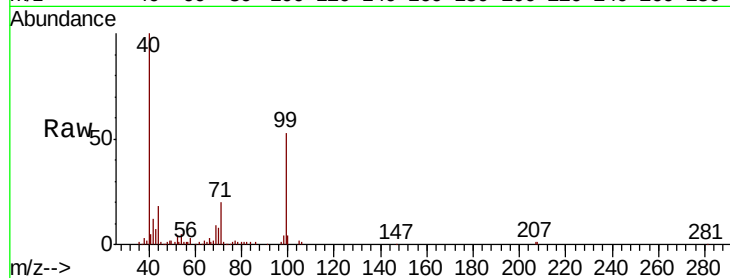
Tgt Ion: 77 Resp: 4836

Ion Ratio Lower Upper

77 100

105 121.7 79.7 119.7#

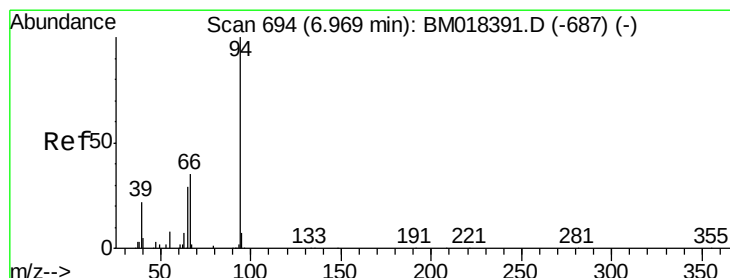
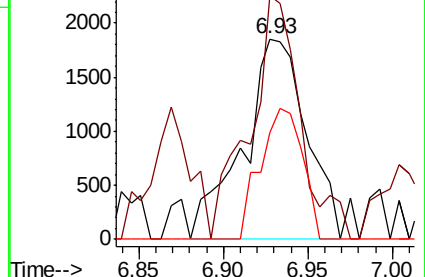
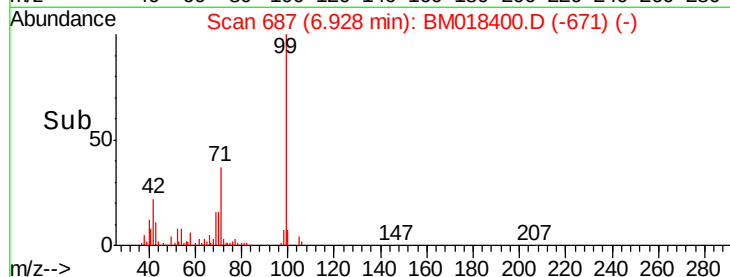
106 53.2 75.2 115.2#



Abundance Ion 77.00 (76.70 to 77.70): BM018400.D (-677) (-)

Ion 105.00 (104.70 to 105.70): BM018400.D (-677) (-)

Ion 106.00 (105.70 to 106.70): BM018400.D (-677) (-)



#10

Phenol

Concen: 0.006 ng

RT: 6.97 min Scan# 694

Delta R.T. 0.00 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

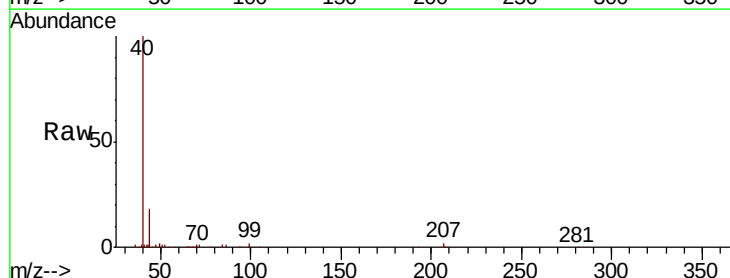
Tgt Ion: 94 Resp: 139

Ion Ratio Lower Upper

94 100

65 98.5 9.4 49.4#

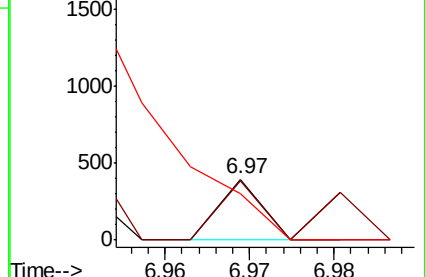
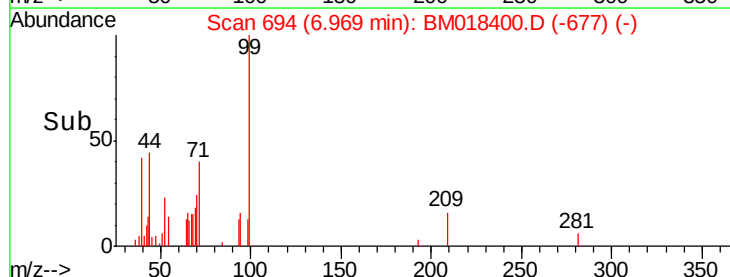
66 76.4 19.1 59.1#

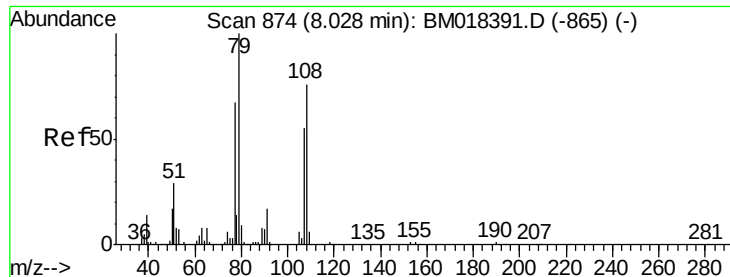


Abundance Ion 94.00 (93.70 to 94.70): BM018400.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM018400.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM018400.D (-677) (-)





#15

Benzyl Alcohol

Concen: 0.056 ng

RT: 8.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

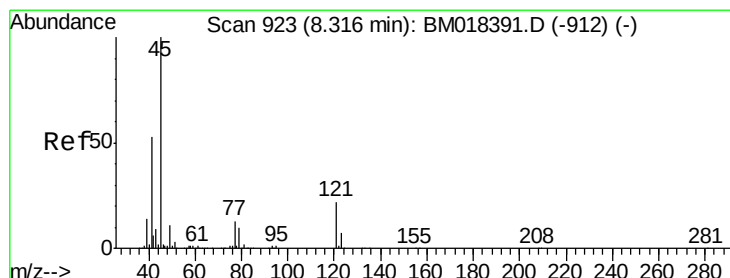
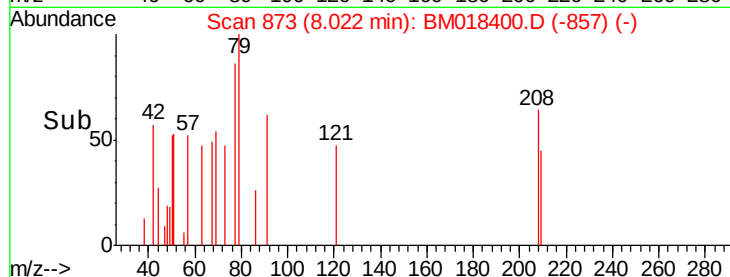
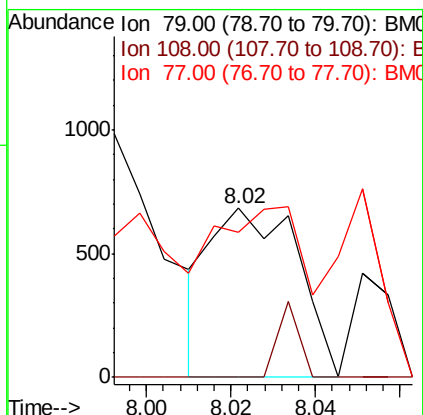
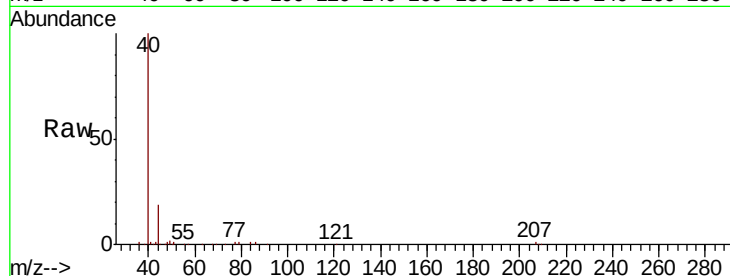
Tgt Ion: 79 Resp: 980

Ion Ratio Lower Upper

79 100

108 0.0 60.4 90.6#

77 85.6 53.4 80.2#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.016 ng

RT: 8.29 min Scan# 918

Delta R.T. -0.03 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

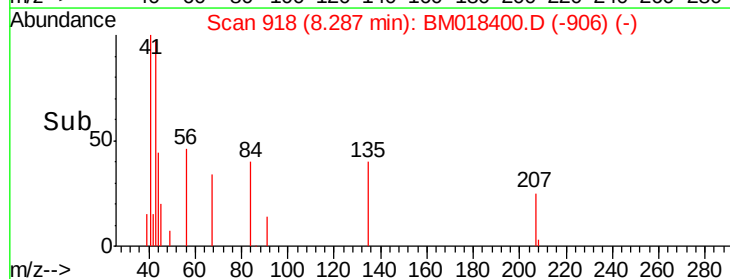
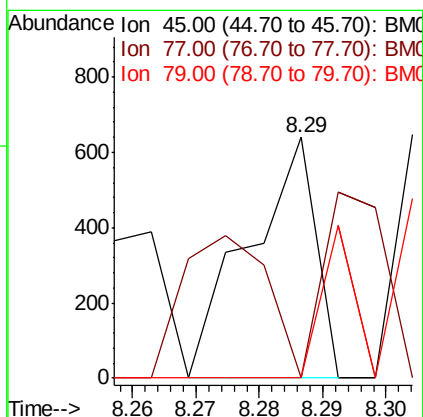
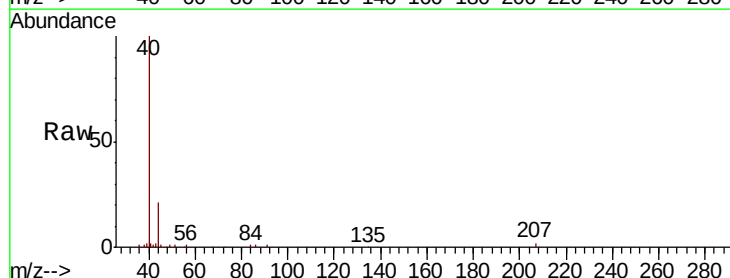
Tgt Ion: 45 Resp: 471

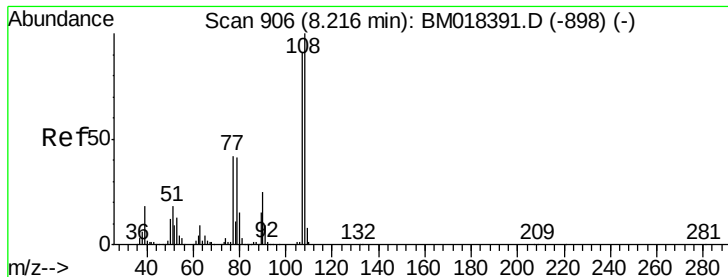
Ion Ratio Lower Upper

45 100

77 0.0 0.0 33.4

79 0.0 0.0 31.1





#17

2-Methylphenol

Concen: 0.007 ng

RT: 8.16 min Scan# 896

Delta R.T. -0.06 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

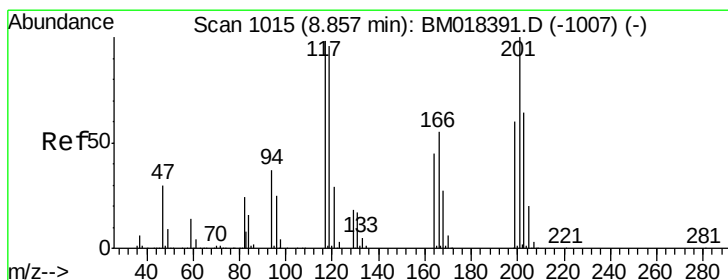
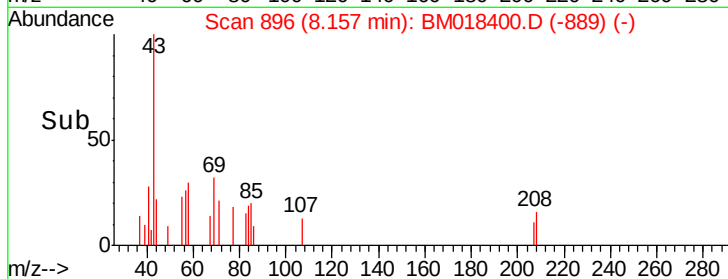
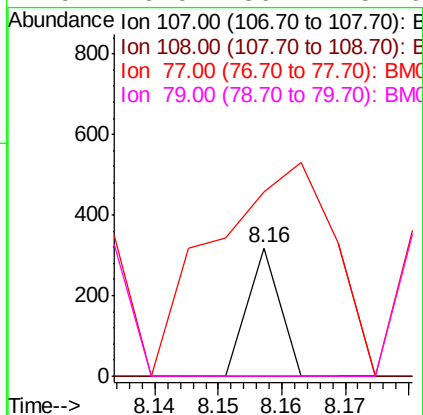
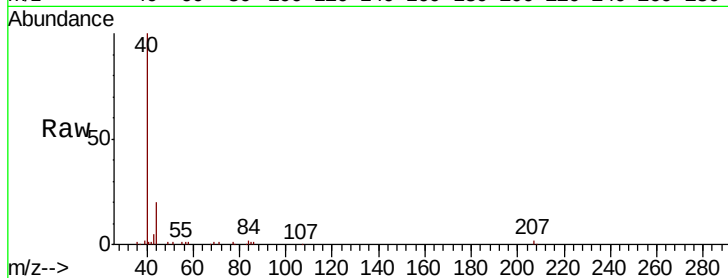
Instrument :

BNA_M

ClientSampleId :

381128109-2

Tgt Ion:	107	Resp:	112
Ion	Ratio	Lower	Upper
107	100		
108	0.0	87.5	131.3#
77	143.7	37.3	55.9#
79	0.0	36.4	54.6#



#18

Hexachloroethane

Concen: 0.015 ng

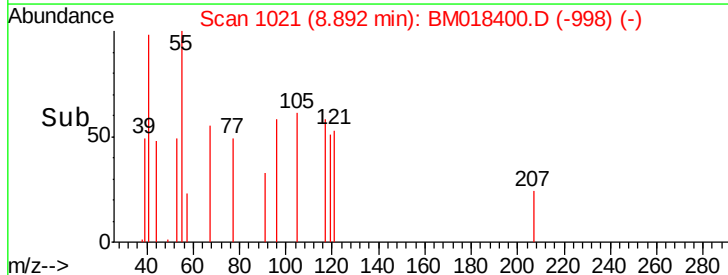
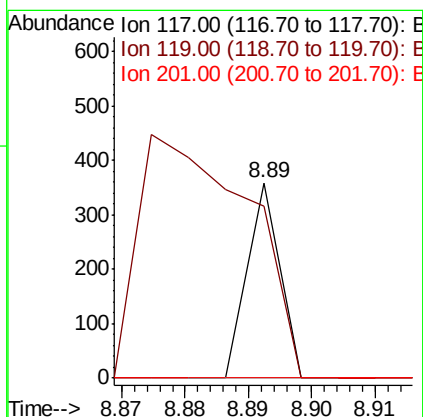
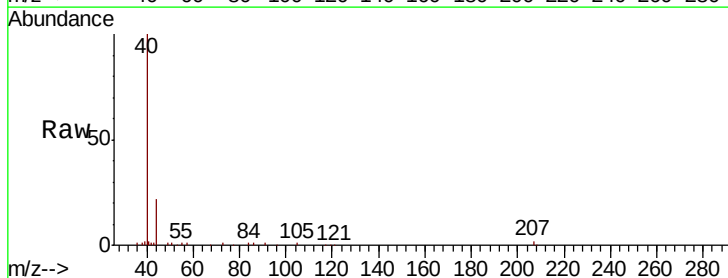
RT: 8.89 min Scan# 1021

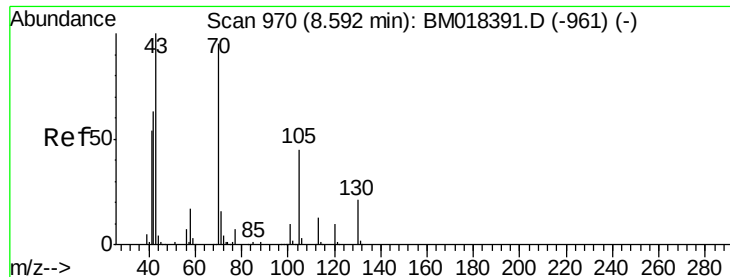
Delta R.T. 0.04 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Tgt Ion:	117	Resp:	127
Ion	Ratio	Lower	Upper
117	100		
119	88.0	78.3	117.5
201	0.0	81.4	122.0#

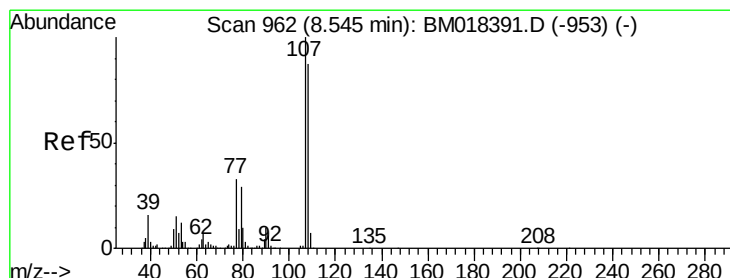
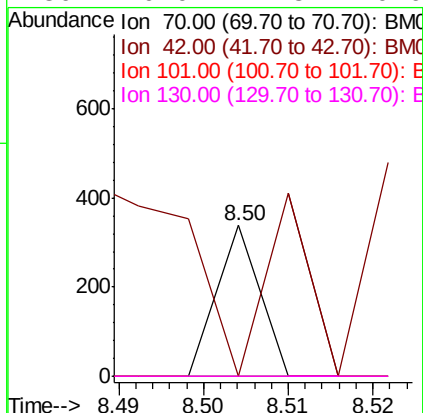
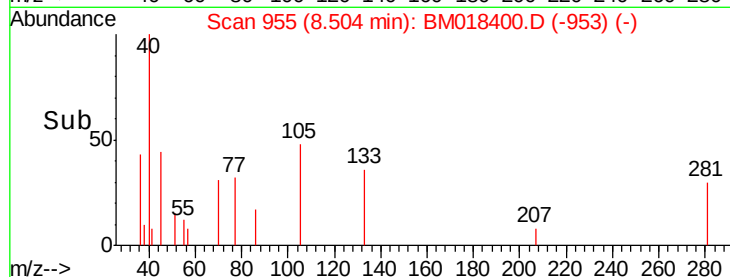
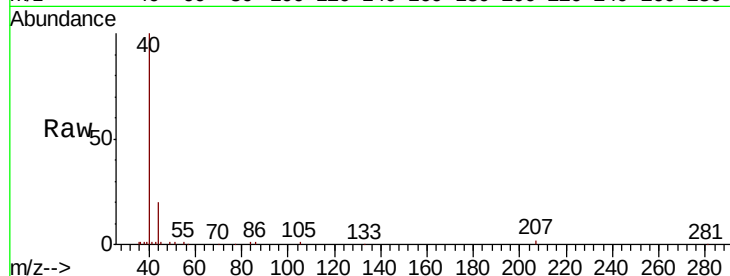




#19
n-Nitroso-di-n-propylamine
Concen: 0.007 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.09 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

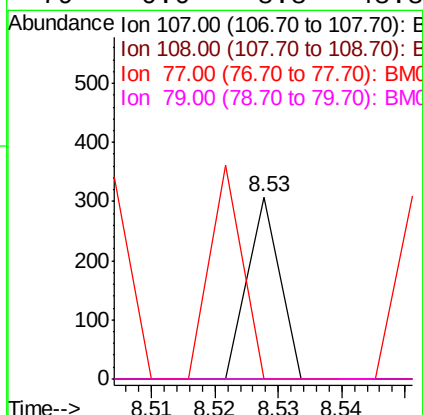
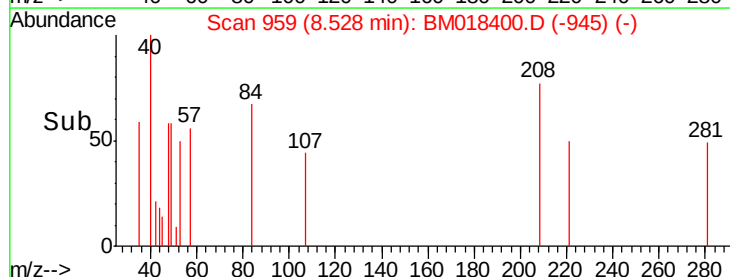
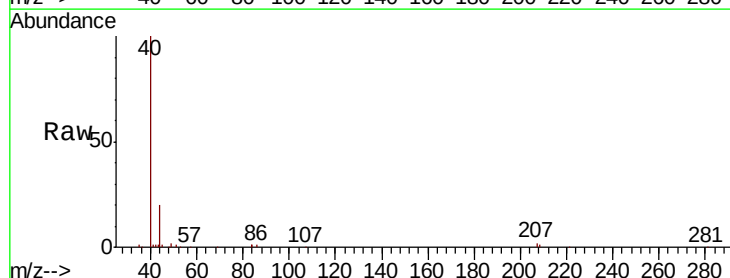
Instrument :
BNA_M
ClientSampleId :
381128109-2

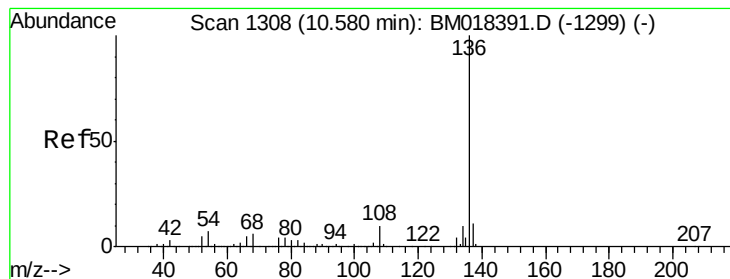
Tgt Ion:	70	Resp:	119
Ion	Ratio	Lower	Upper
70	100		
42	0.0	54.0	81.0#
101	0.0	8.1	12.1#
130	0.0	17.8	26.6#



#20
3+4-Methylphenols
Concen: 0.005 ng
RT: 8.53 min Scan# 959
Delta R.T. -0.02 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

Tgt Ion:	107	Resp:	109
Ion	Ratio	Lower	Upper
107	100		
108	0.0	66.8	106.8#
77	0.0	13.3	53.3#
79	0.0	8.8	48.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

Tgt Ion:136 Resp: 1392106

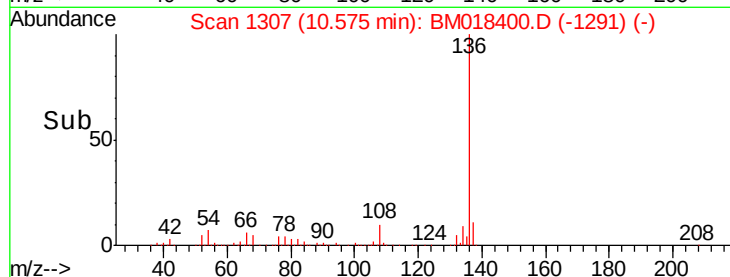
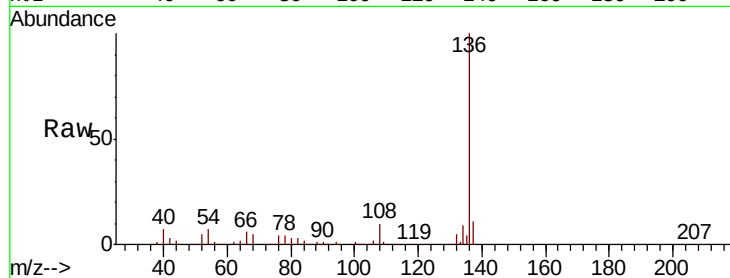
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.4 6.0 9.0

68 5.3 4.5 6.7

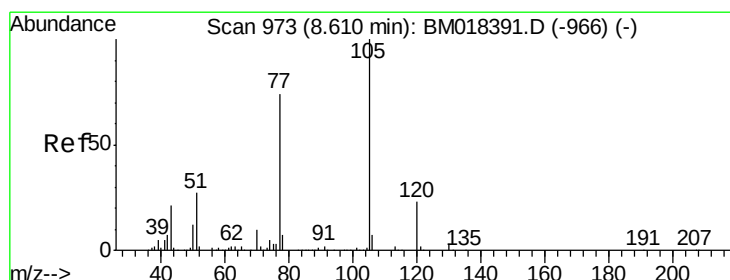
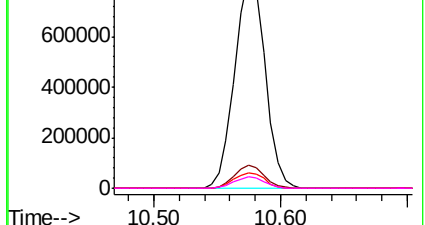


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 0.040 ng

RT: 8.60 min Scan# 972

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Tgt Ion:105 Resp: 1416

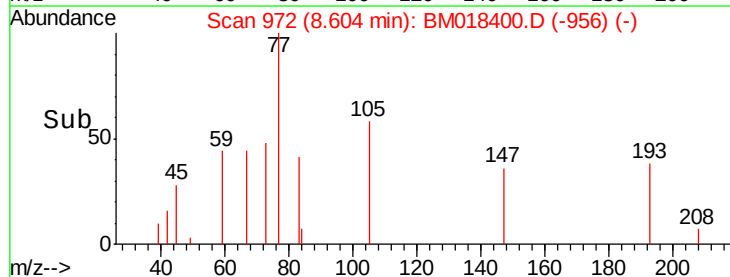
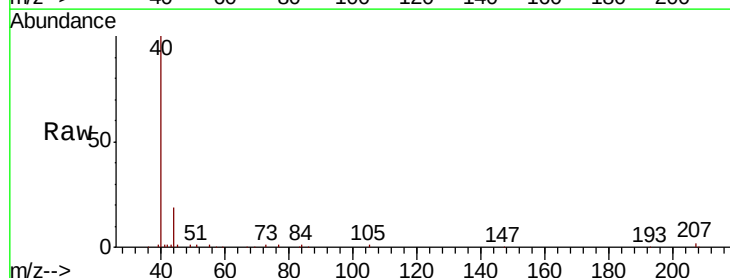
Ion Ratio Lower Upper

105 100

71 0.0 1.7 2.5#

51 70.2 22.6 34.0#

120 0.0 18.3 27.5#

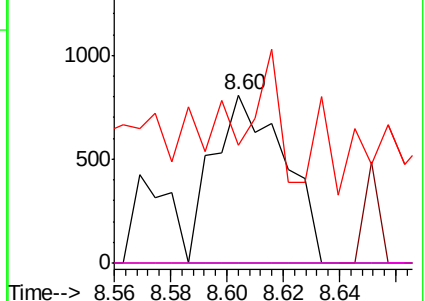


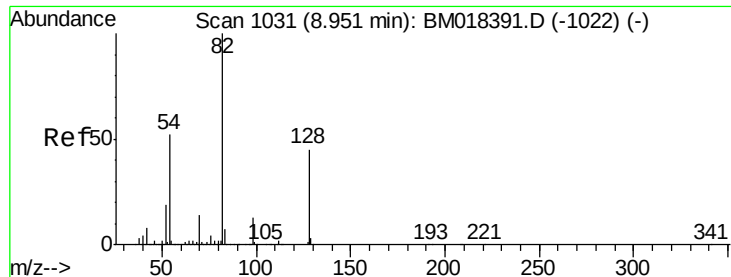
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

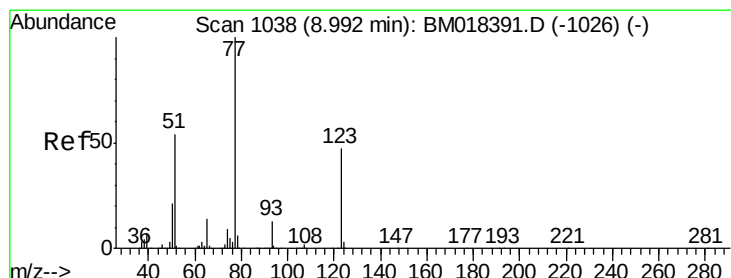
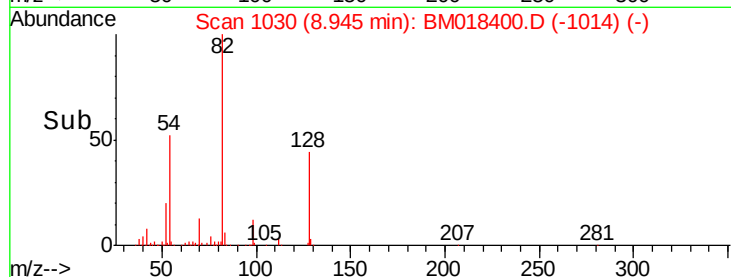
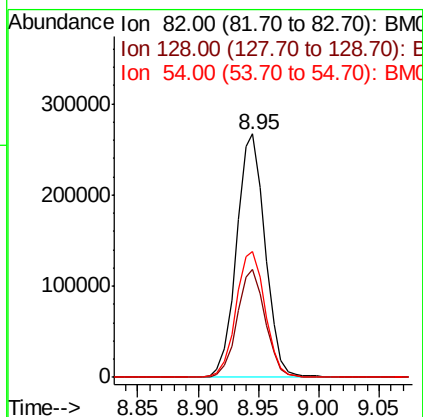
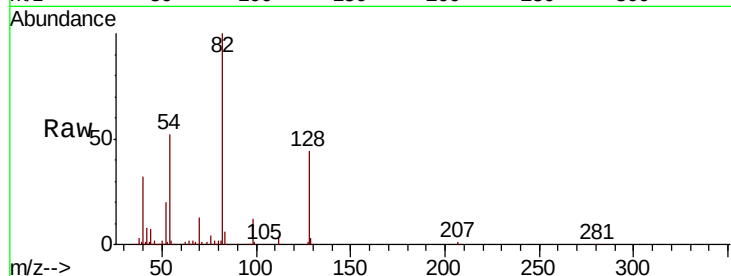




#23
Nitrobenzene-d5
Concen: 18.169 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

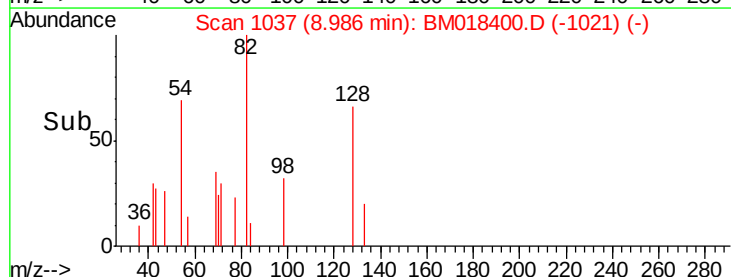
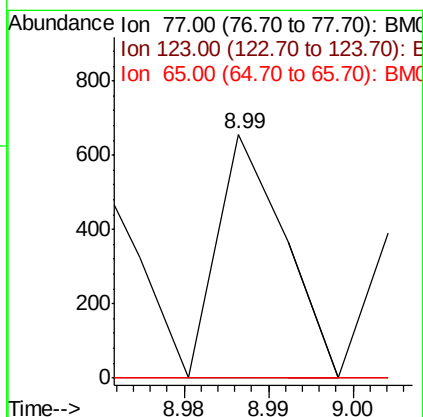
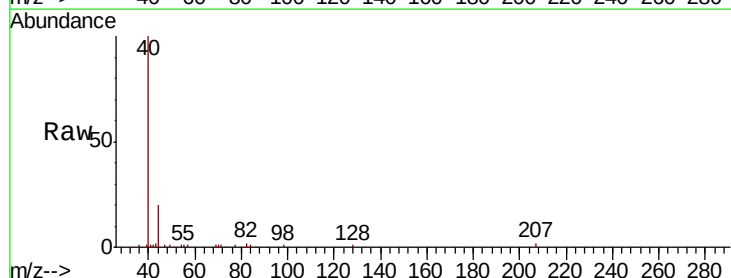
Instrument :
BNA_M
ClientSampleId :
381128109-2

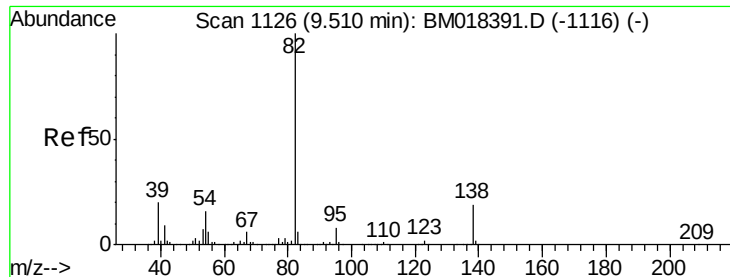
Tgt Ion: 82 Resp: 440699
Ion Ratio Lower Upper
82 100
128 44.5 36.3 54.5
54 51.7 41.7 62.5



#24
Nitrobenzene
Concen: 0.015 ng
RT: 8.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

Tgt Ion: 77 Resp: 361
Ion Ratio Lower Upper
77 100
123 0.0 37.7 56.5#
65 0.0 11.0 16.6#





#25

Isophorone

Concen: 0.005 ng

RT: 9.54 min Scan# 1131

Delta R.T. 0.03 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

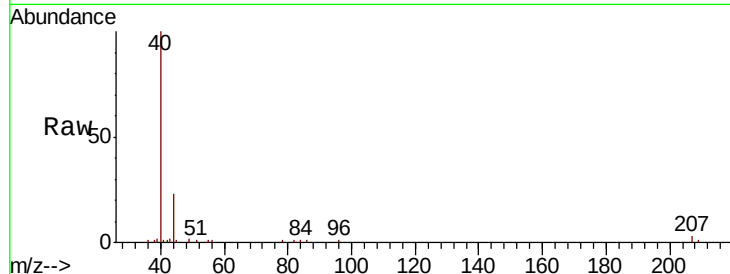
Tgt Ion: 82 Resp: 224

Ion Ratio Lower Upper

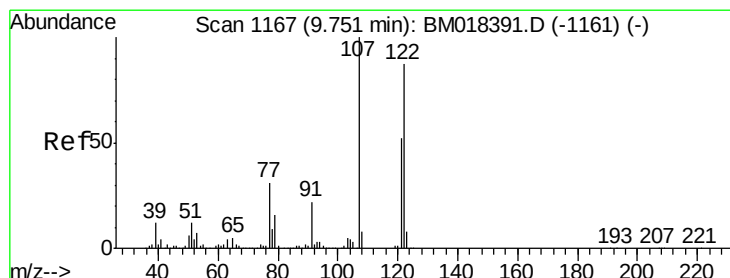
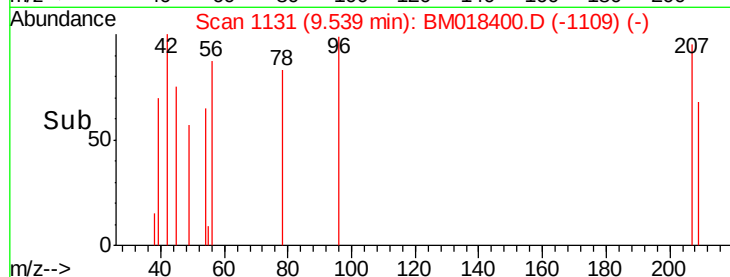
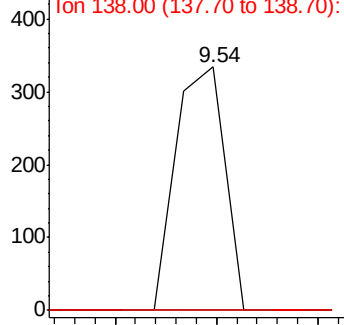
82 100

95 0.0 6.1 9.1#

138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1116) (-)



#27

2,4-Dimethylphenol

Concen: 0.011 ng

RT: 9.76 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

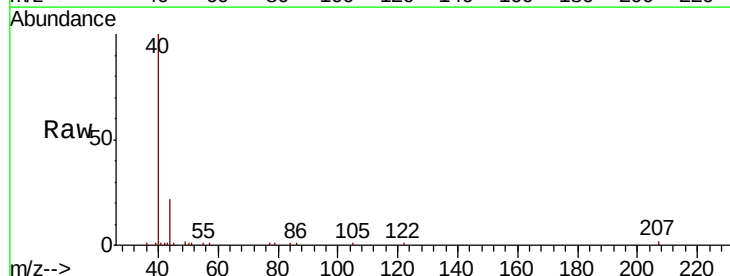
Tgt Ion: 122 Resp: 187

Ion Ratio Lower Upper

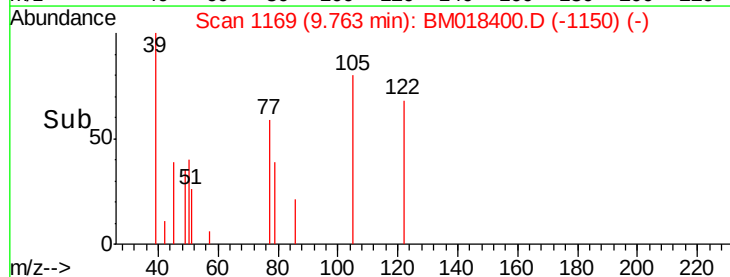
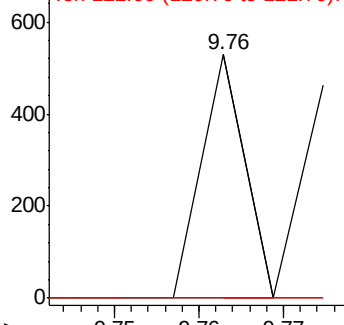
122 100

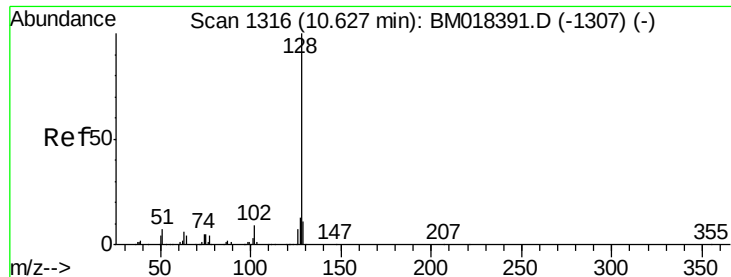
107 0.0 91.9 137.9#

121 0.0 47.5 71.3#



Abundance Ion 122.00 (121.70 to 122.70): BM018391.D (-1161) (-)

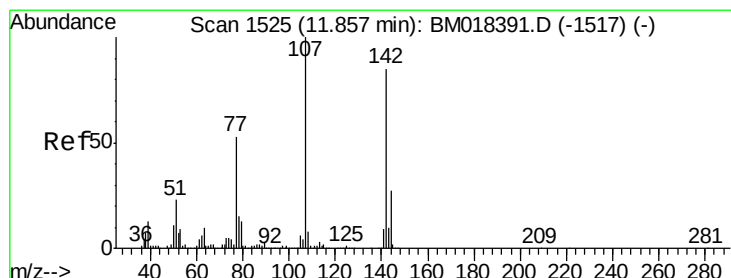
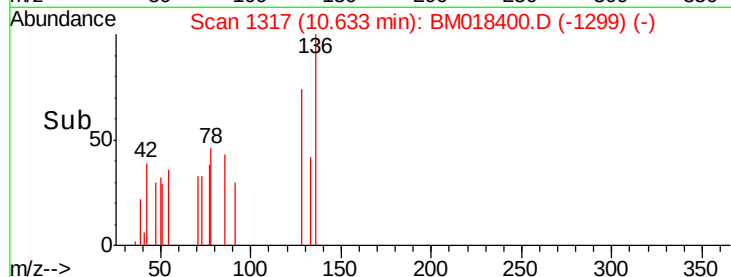
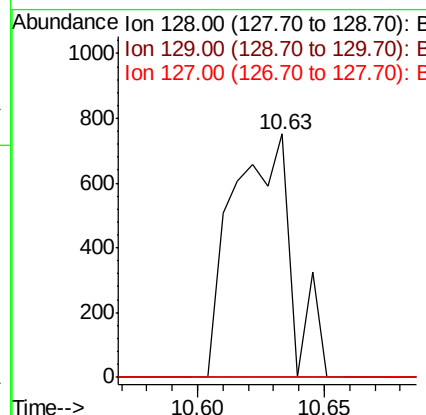
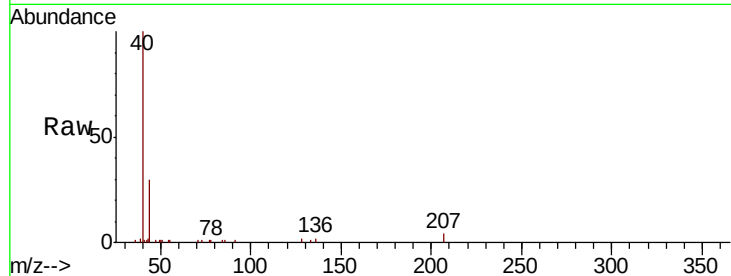




#31
Naphthalene
Concen: 0.018 ng
RT: 10.63 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

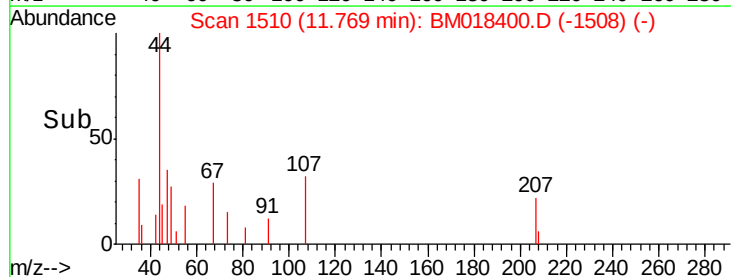
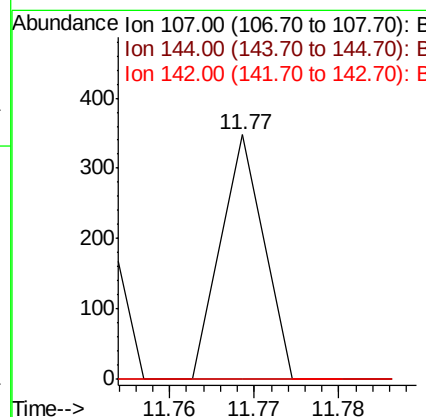
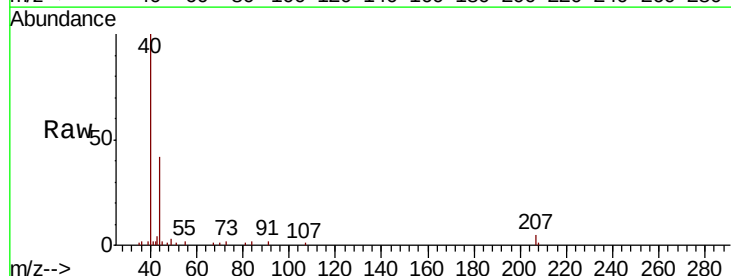
Instrument :
BNA_M
ClientSampleId :
381128109-2

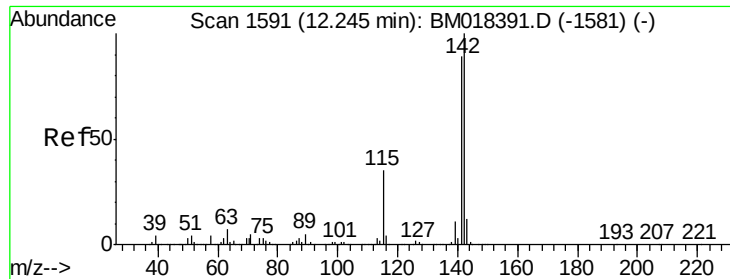
Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	10.8	16.2#



#36
4-Chloro-3-methylphenol
Concen: 0.006 ng
RT: 11.77 min Scan# 1510
Delta R.T. -0.09 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.9	32.9#
142	0.0	67.9	101.9#

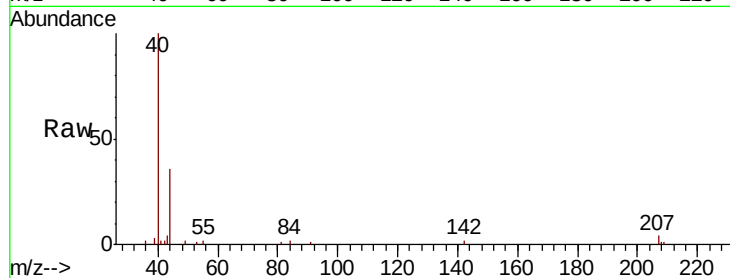




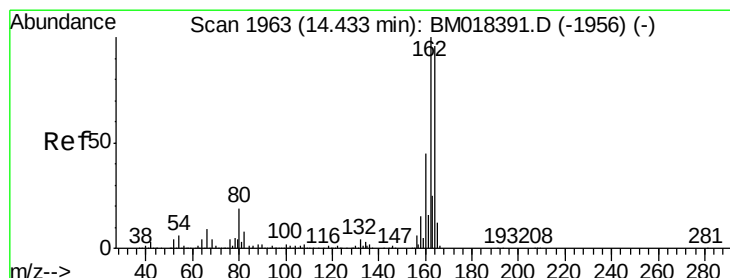
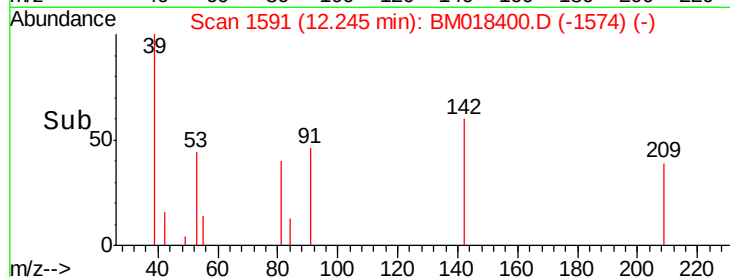
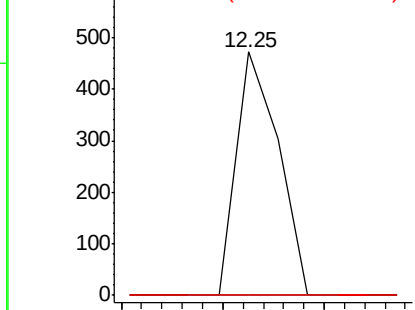
#37
 2-Methylnaphthalene
 Concen: 0.006 ng
 RT: 12.25 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BM018400.D
 Acq: 27 Dec 2018 17:29

Instrument :
 BNA_M
 ClientSampleId :
 381128109-2

Tgt Ion:142 Resp: 273
 Ion Ratio Lower Upper
 142 100
 141 0.0 71.4 107.2#
 115 0.0 28.0 42.0#

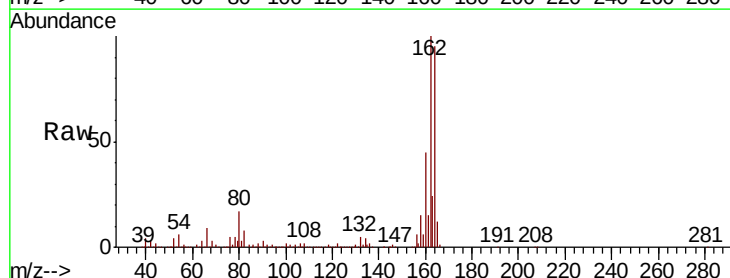


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

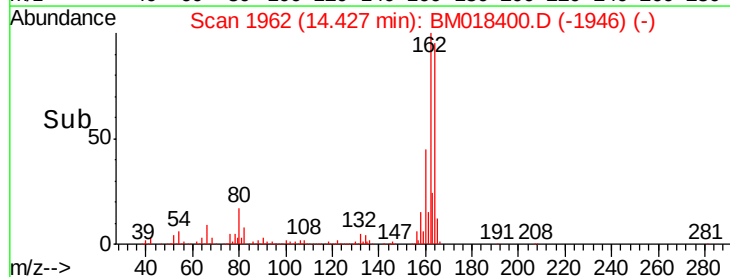
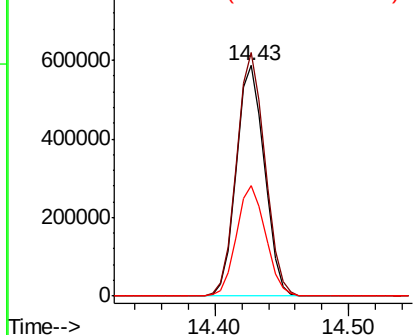


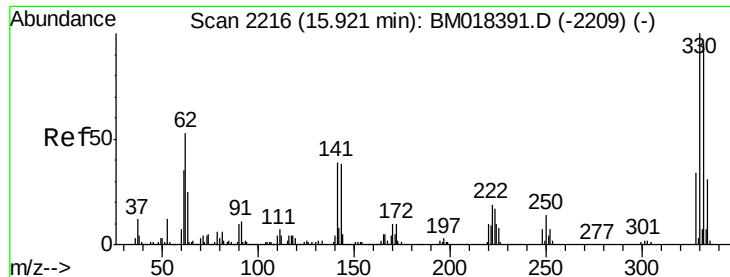
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.43 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BM018400.D
 Acq: 27 Dec 2018 17:29

Tgt Ion:164 Resp: 857913
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.0 124.4
 160 47.7 37.1 55.7



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: 26.513 ng

RT: 15.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

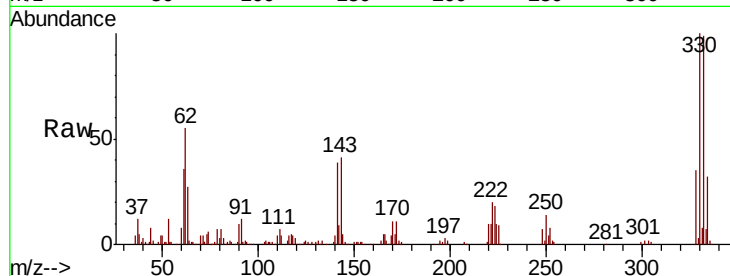
Tgt Ion:330 Resp: 289004

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 39.2 31.7 47.5

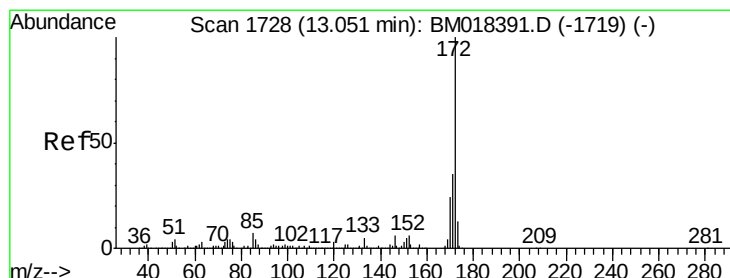
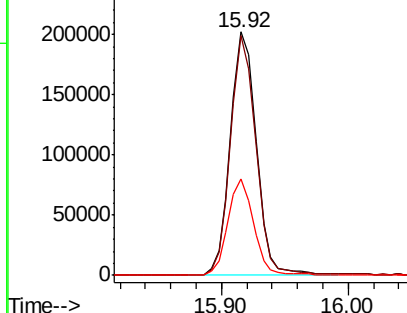
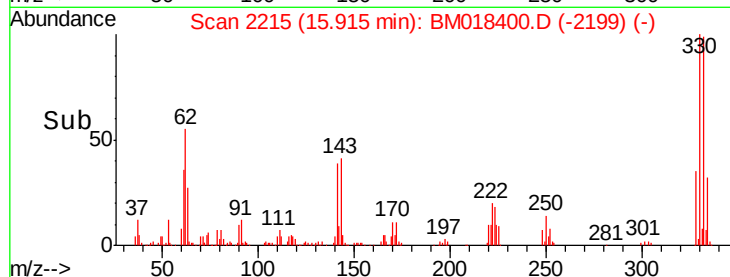


Abundance

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: 19.216 ng

RT: 13.05 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

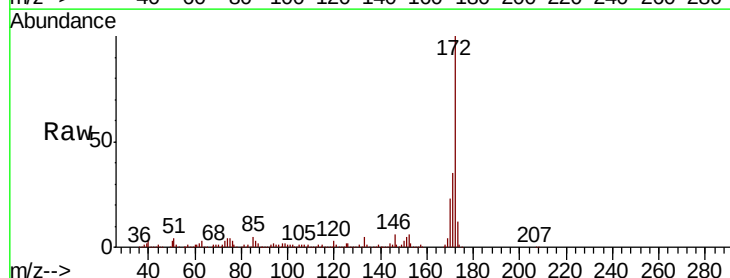
Tgt Ion:172 Resp: 1217217

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.4 18.9 28.3

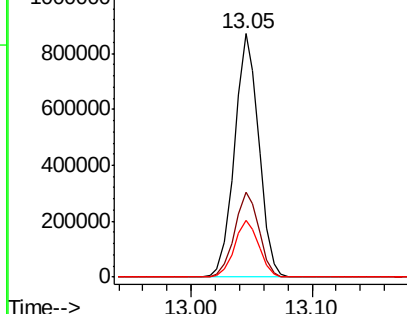
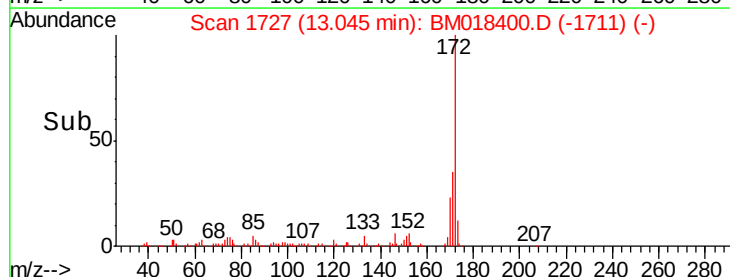


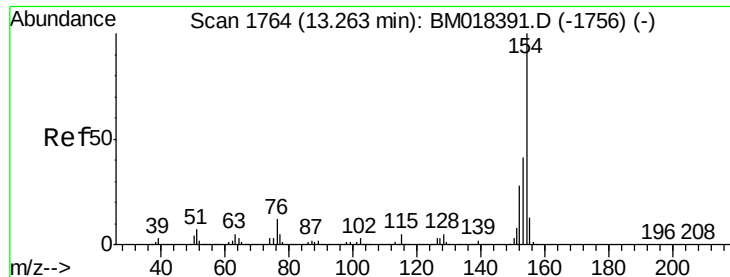
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 0.042 ng

RT: 13.25 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

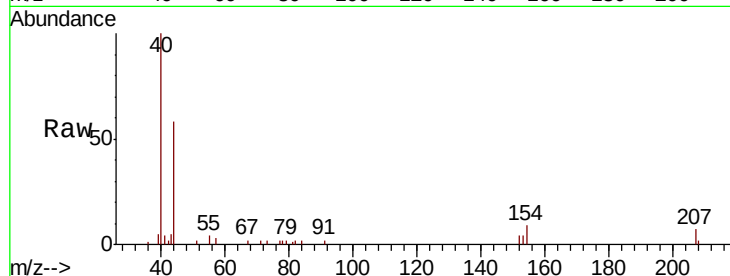
Tgt Ion:154 Resp: 3058

Ion Ratio Lower Upper

154 100

153 39.9 20.5 60.5

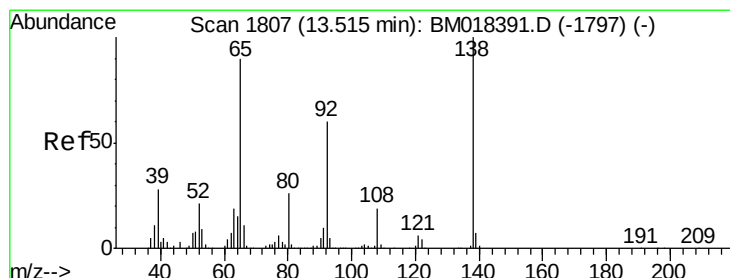
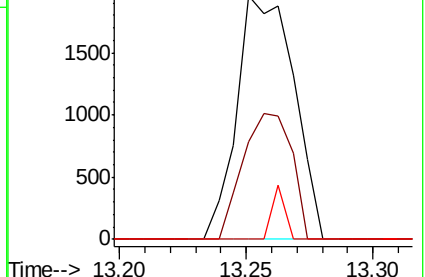
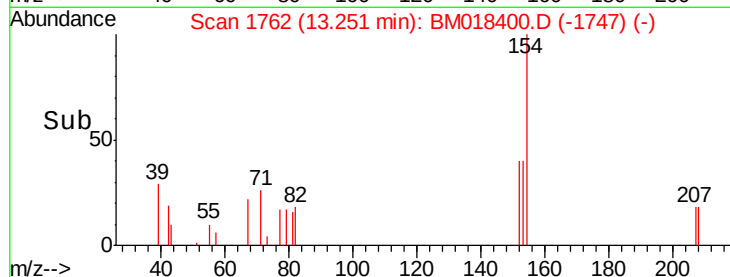
76 0.0 0.0 31.9



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



#48

2-Nitroaniline

Concen: 0.008 ng

RT: 13.56 min Scan# 1814

Delta R.T. 0.04 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

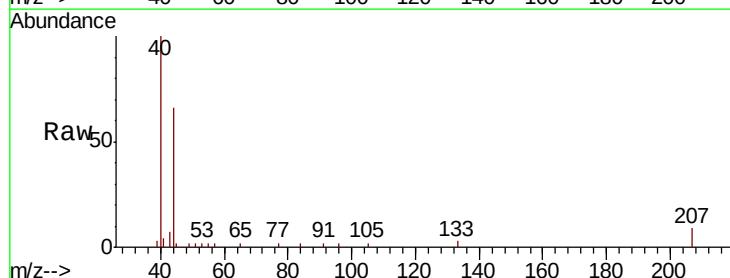
Tgt Ion: 65 Resp: 115

Ion Ratio Lower Upper

65 100

92 0.0 53.4 80.2#

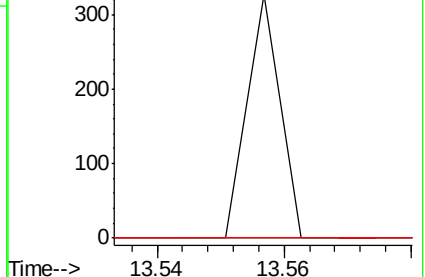
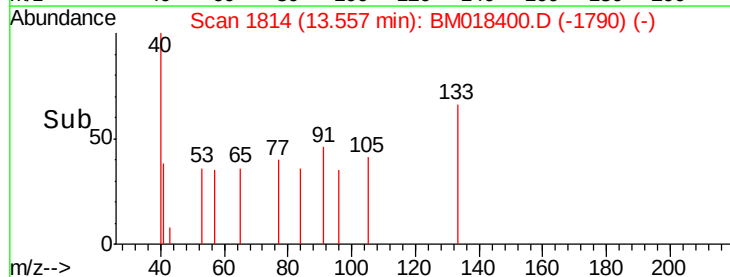
138 0.0 88.9 133.3#

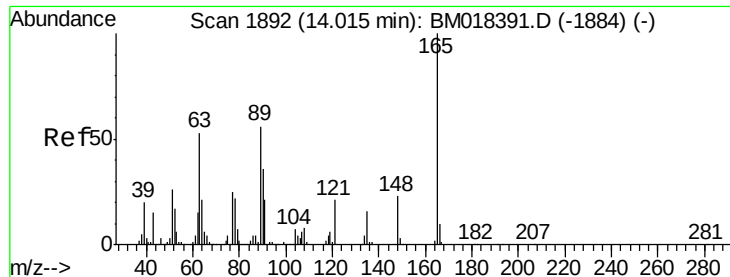


Abundance Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM

Ion 138.00 (137.70 to 138.70): E





#51

2,6-Dinitrotoluene

Concen: 0.021 ng

RT: 13.94 min Scan# 1880

Delta R.T. -0.07 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

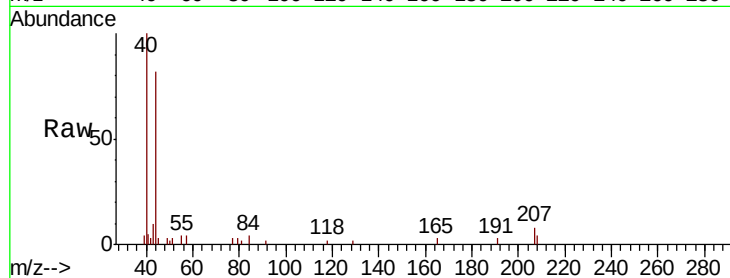
Tgt Ion:165 Resp: 312

Ion Ratio Lower Upper

165 100

63 0.0 45.6 68.4#

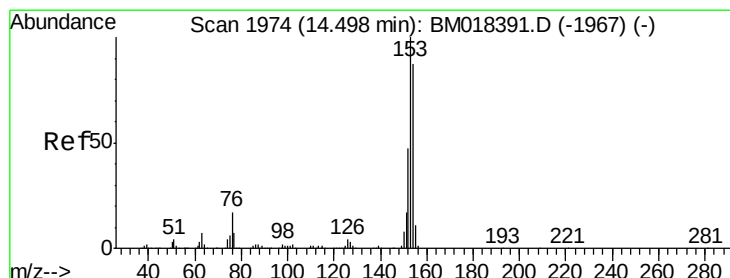
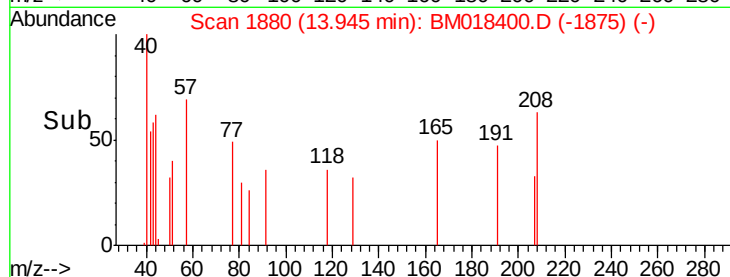
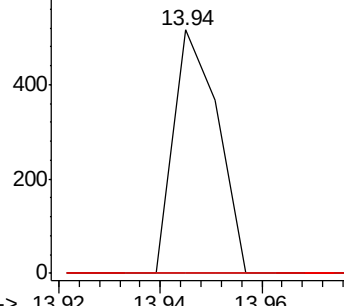
89 0.0 44.6 66.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 0.063 ng

RT: 14.43 min Scan# 1963

Delta R.T. -0.06 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

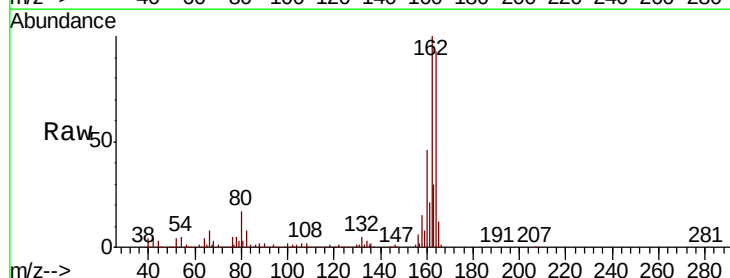
Tgt Ion:154 Resp: 3290

Ion Ratio Lower Upper

154 100

153 0.0 92.3 138.5#

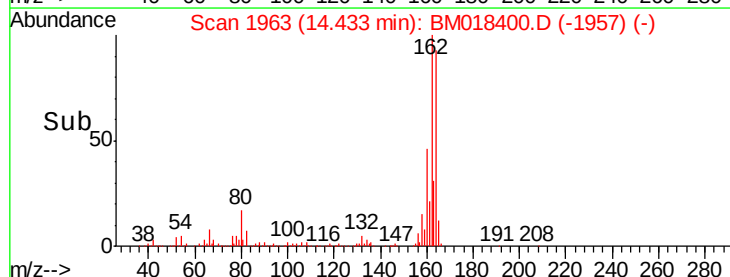
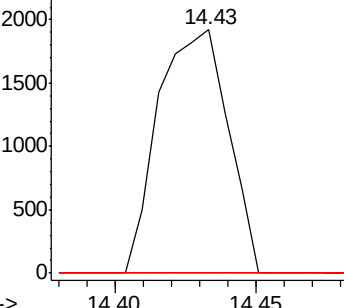
152 0.0 43.8 65.6#

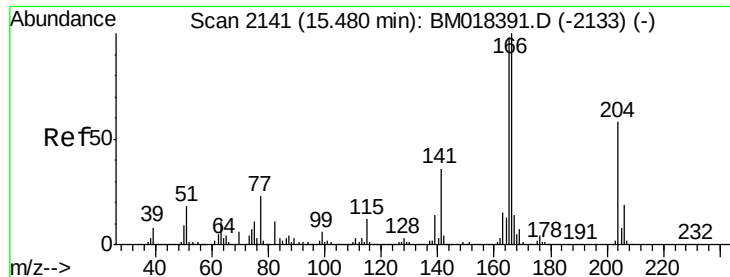


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#58

Fluorene

Concen: 0.017 ng

RT: 15.47 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampled :

381128109-2

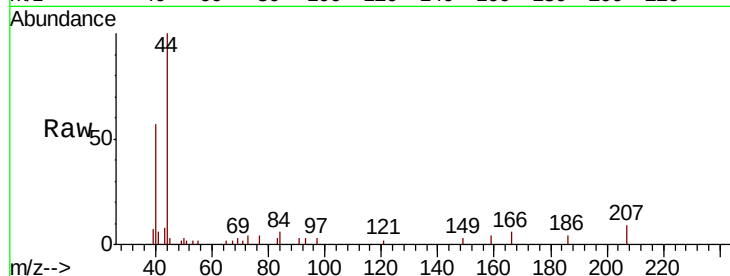
Tgt Ion:166 Resp: 1138

Ion Ratio Lower Upper

166 100

165 0.0 78.3 117.5#

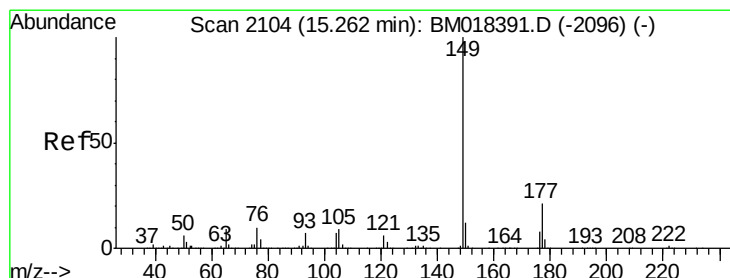
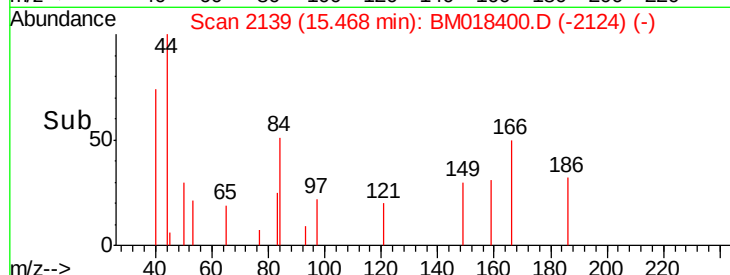
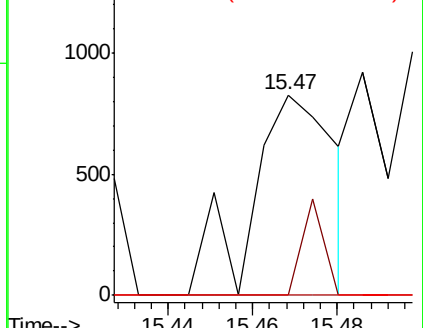
167 0.0 10.9 16.3#



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



#60

Diethylphthalate

Concen: 0.105 ng

RT: 15.25 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

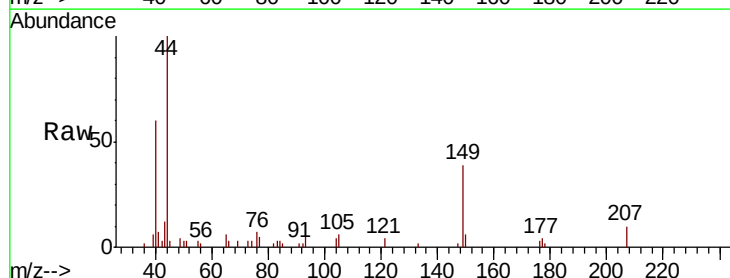
Tgt Ion:149 Resp: 7868

Ion Ratio Lower Upper

149 100

177 11.5 17.1 25.7#

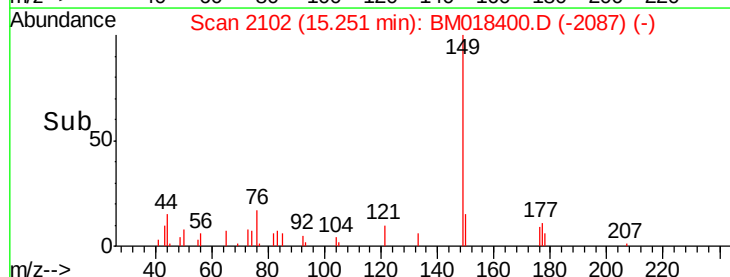
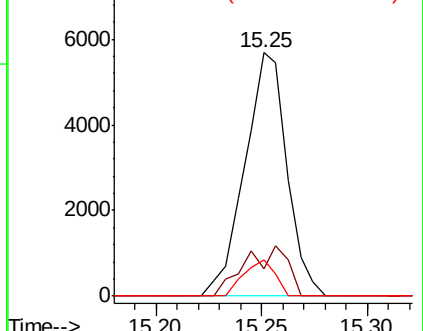
150 14.7 9.8 14.6#

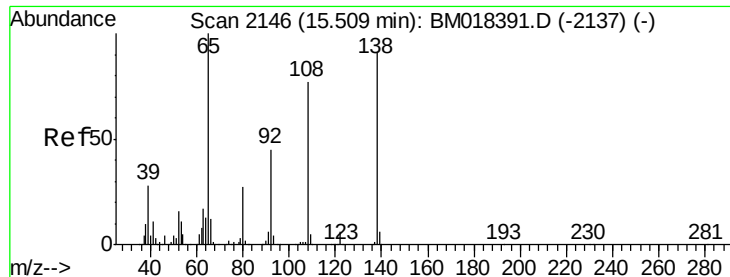


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

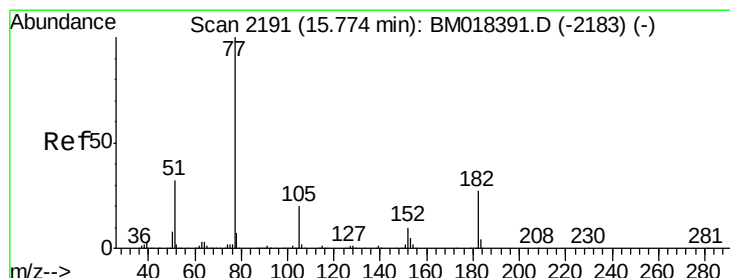
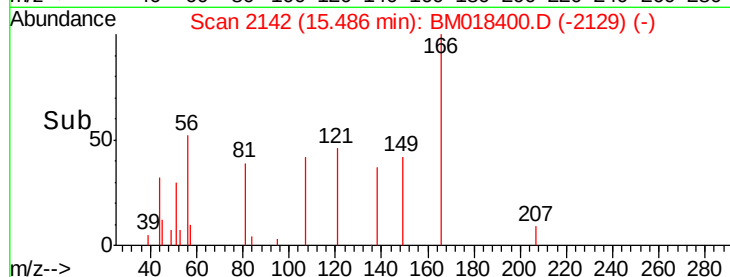
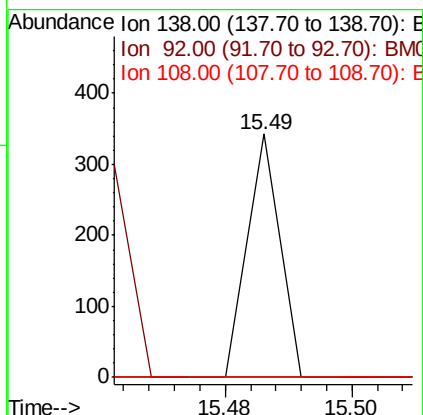
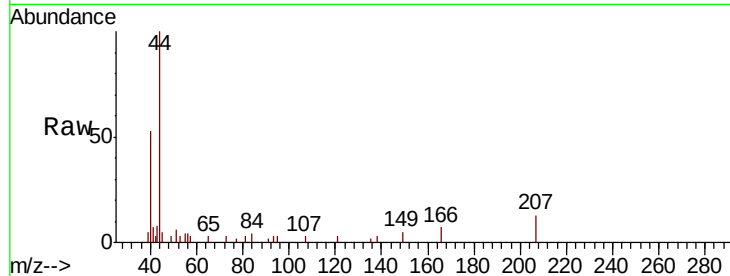




#62
4-Nitroaniline
Concen: 0.007 ng
RT: 15.49 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

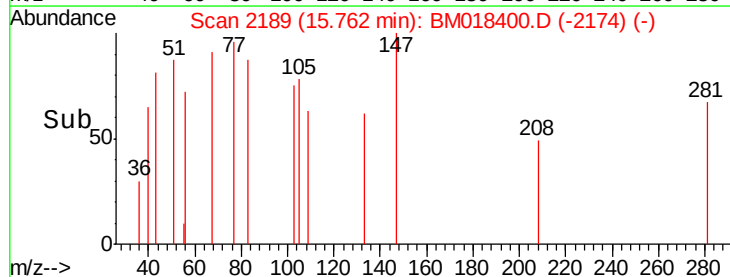
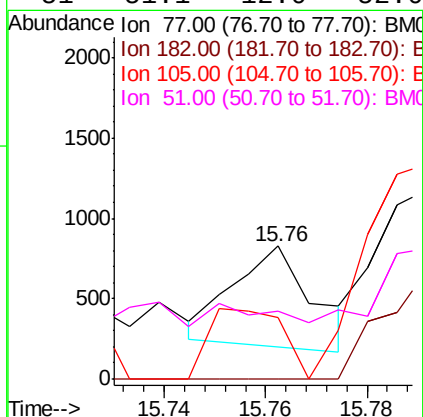
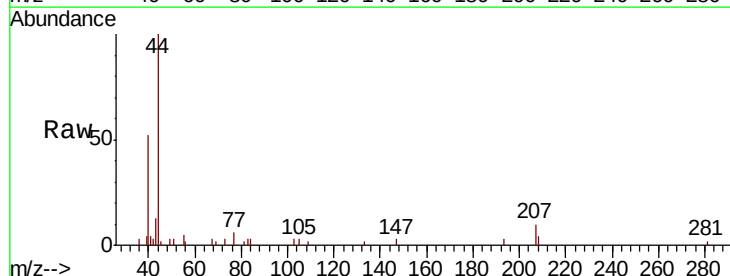
Instrument :
BNA_M
ClientSampleId :
381128109-2

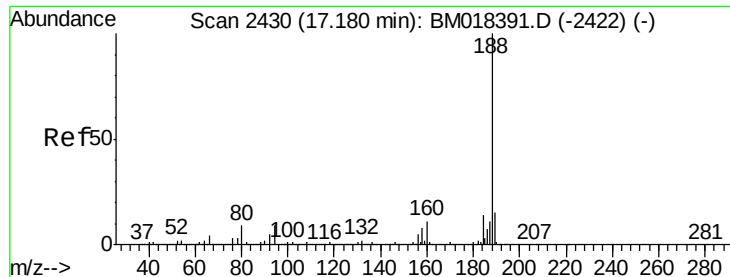
Tgt Ion: 138 Resp: 121
Ion Ratio Lower Upper
138 100
92 0.0 29.0 69.0#
108 0.0 63.9 103.9#



#63
Azobenzene
Concen: 0.010 ng
RT: 15.76 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

Tgt Ion: 77 Resp: 666
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 45.9 0.0 39.6#
51 51.1 12.0 52.0

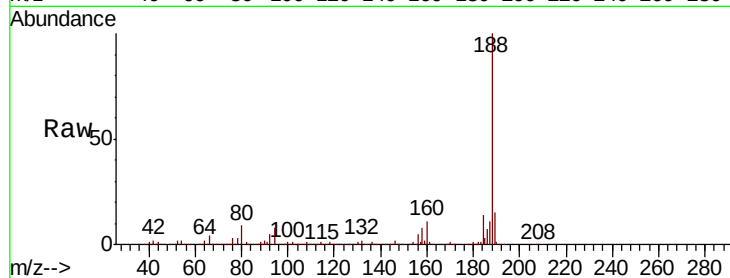




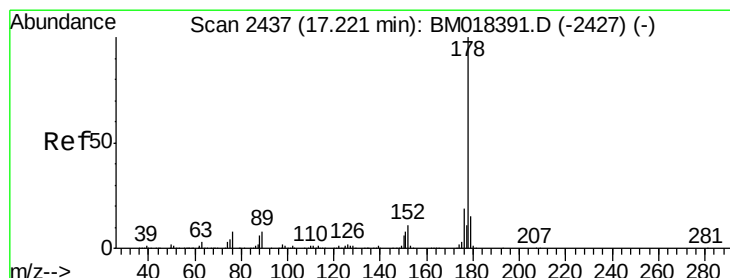
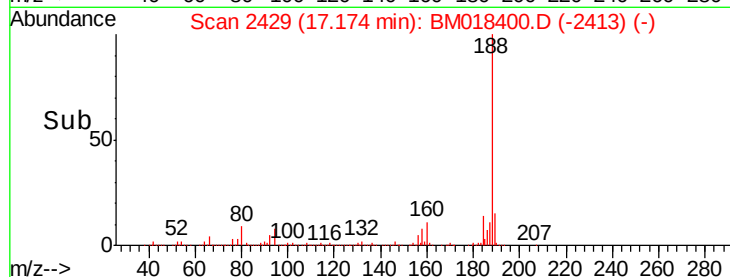
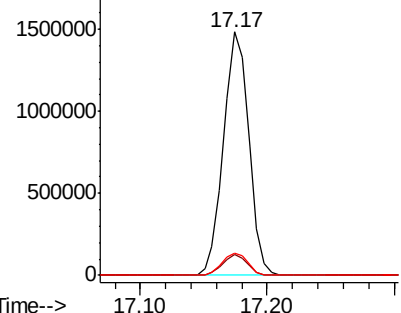
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

Instrument :
BNA_M
ClientSampleId :
381128109-2

Tgt Ion:188 Resp: 2047193
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.0 7.6 11.4

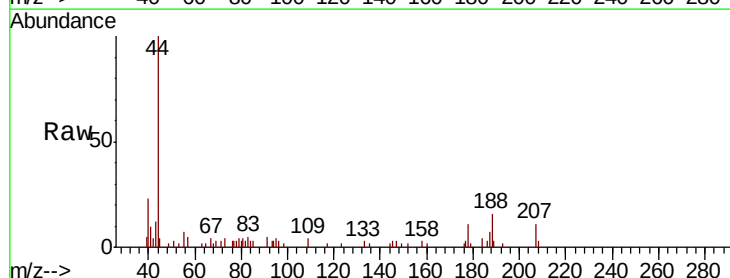


Abundance Ion 188.00 (187.70 to 188.70): E
2000000
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

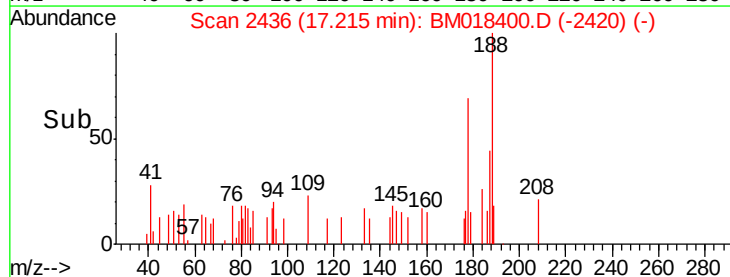
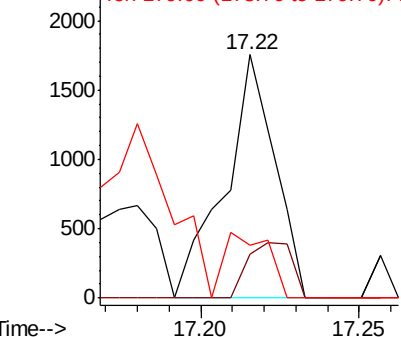


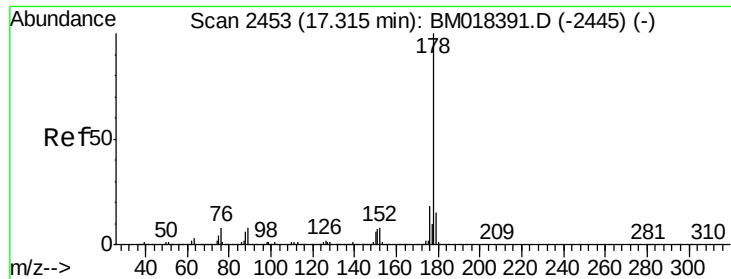
#71
Phenanthrene
Concen: 0.018 ng
RT: 17.22 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

Tgt Ion:178 Resp: 1919
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 21.6 12.2 18.4#



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





#72

Anthracene

Concen: 0.004 ng

RT: 17.30 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

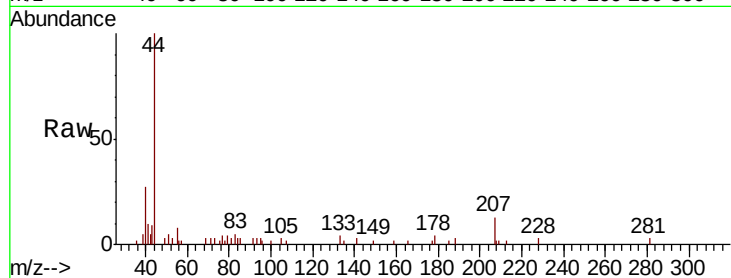
Tgt Ion:178 Resp: 454

Ion Ratio Lower Upper

178 100

176 0.0 14.7 22.1#

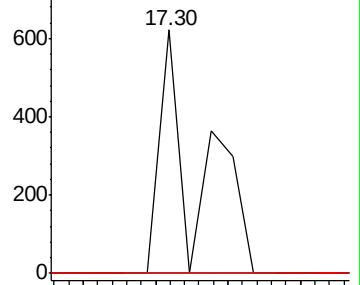
179 0.0 12.2 18.4#



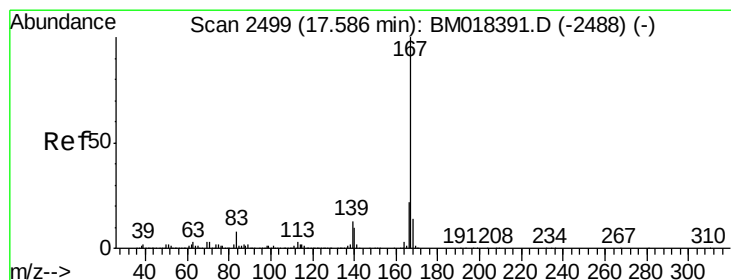
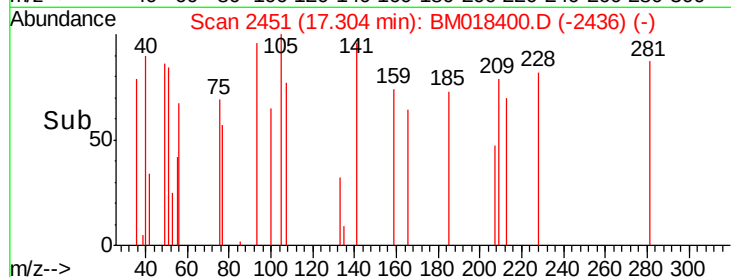
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.28 17.30 17.32 17.34



#73

Carbazole

Concen: 0.006 ng

RT: 17.58 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

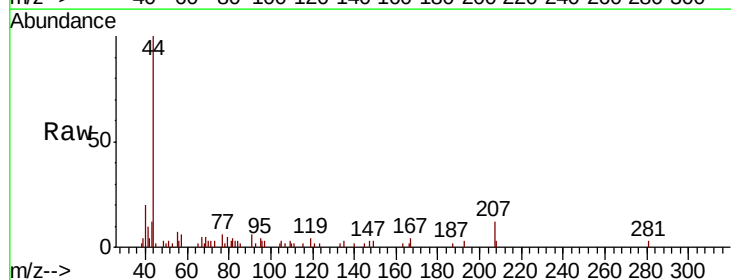
Tgt Ion:167 Resp: 718

Ion Ratio Lower Upper

167 100

166 54.0 17.4 26.2#

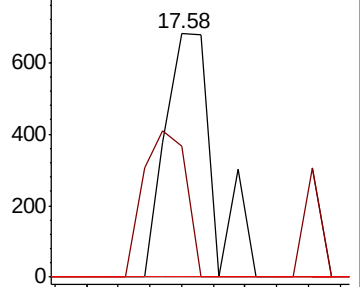
139 0.0 10.6 16.0#



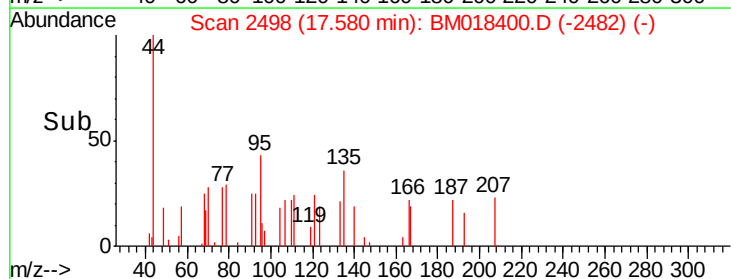
Abundance Ion 167.00 (166.70 to 167.70): E

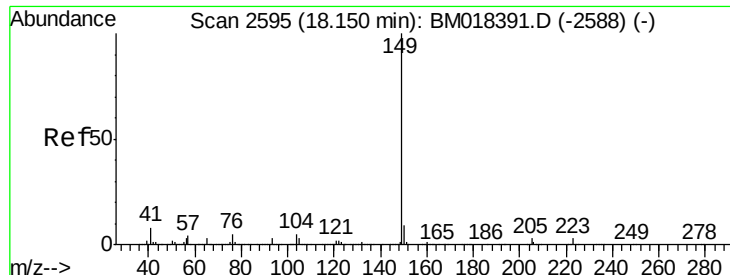
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.55 17.58 17.60

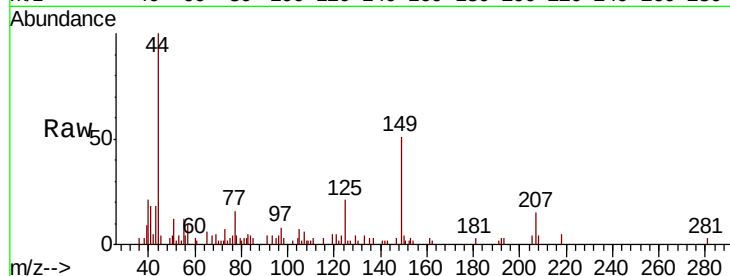




#74
Di-n-butylphthalate
Concen: 0.108 ng
RT: 18.14 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

Instrument :
BNA_M
ClientSampleId :
381128109-2

Tgt Ion	Ratio	Lower	Upper
149	100		
150	7.7	7.3	10.9
104	4.9	4.2	6.4

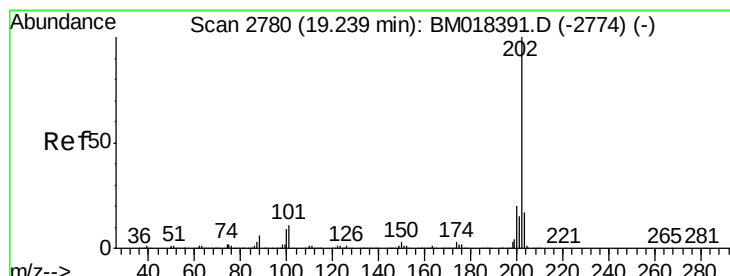
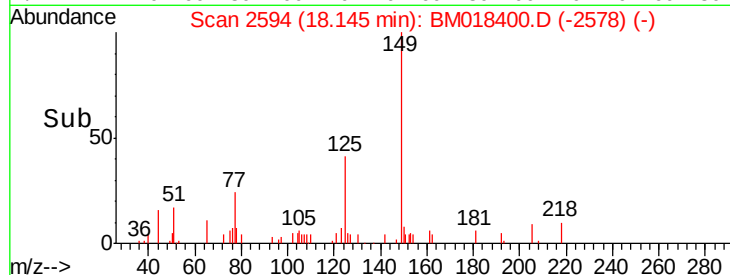
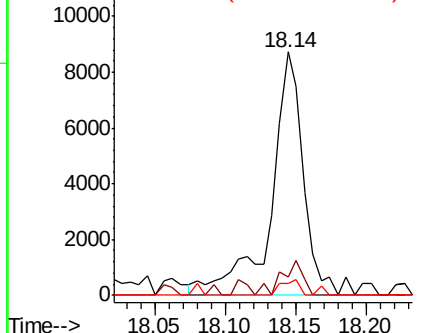


Abundance

Ion 149.00 (148.70 to 149.70): E

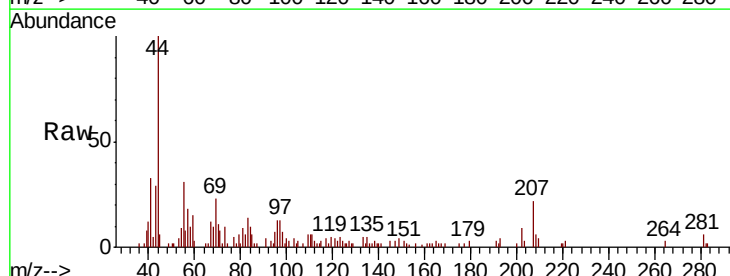
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75
Fluoranthene
Concen: 0.018 ng
RT: 19.23 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	33.7	0.0	30.9#
203	28.6	0.0	37.4

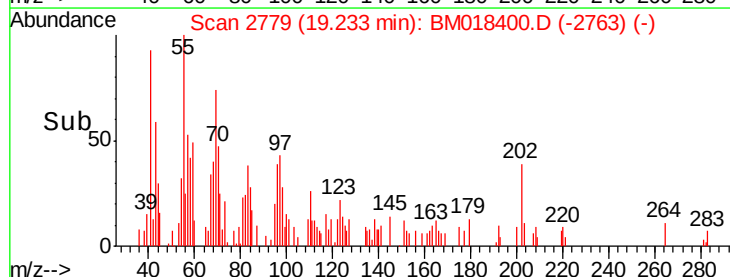
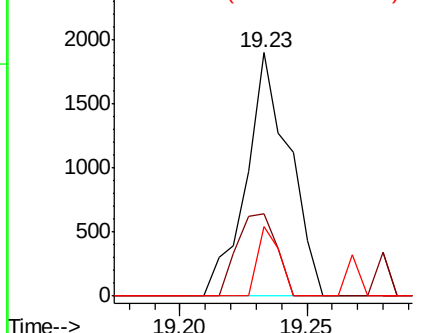


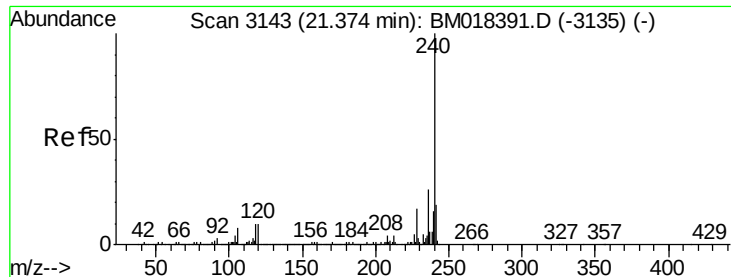
Abundance

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

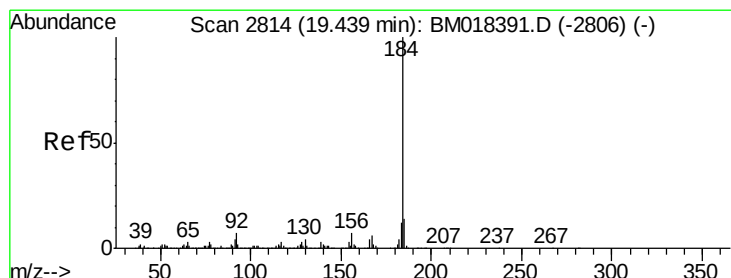
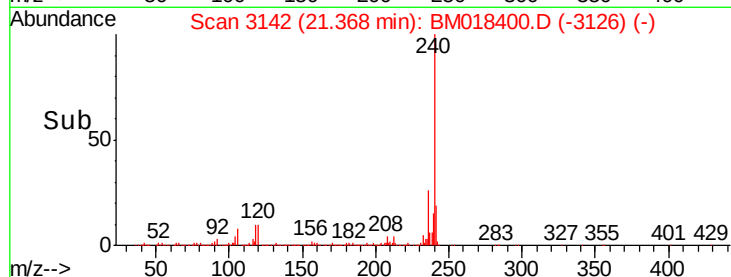
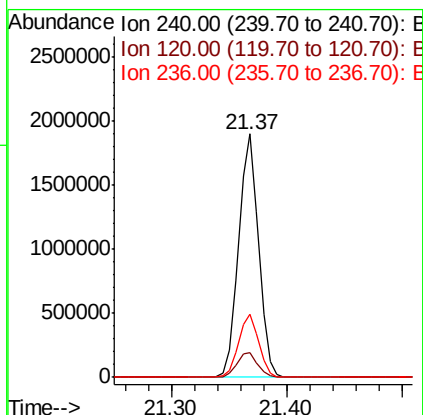
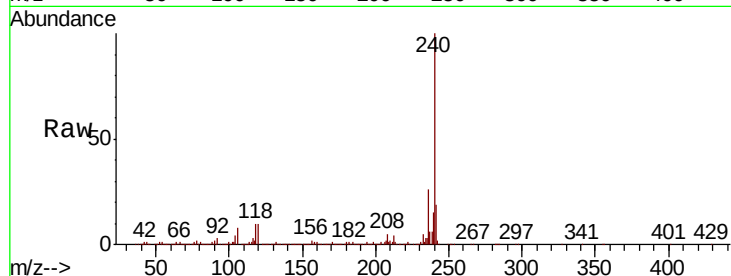




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

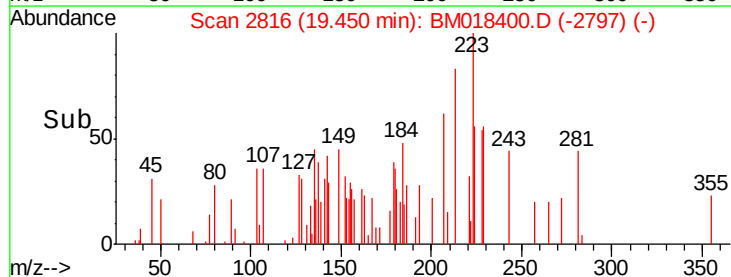
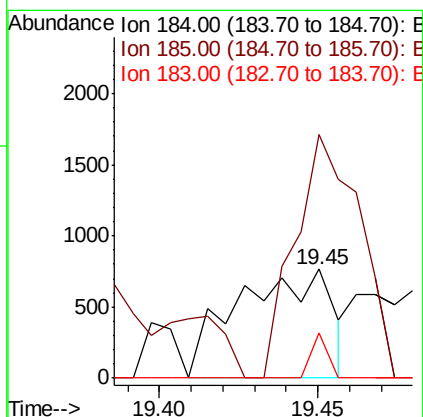
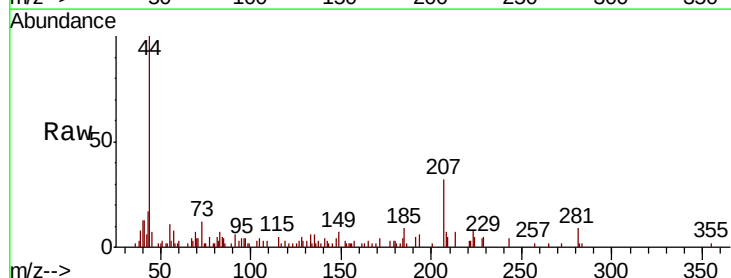
Instrument :
BNA_M
ClientSampleId :
381128109-2

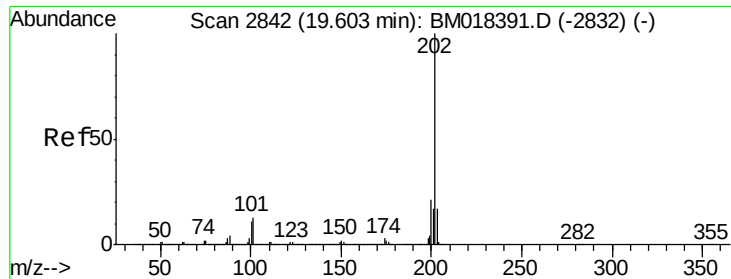
Tgt Ion:240 Resp: 2262951
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 26.1 20.7 31.1



#77
Benzidine
Concen: 0.024 ng
RT: 19.45 min Scan# 2816
Delta R.T. 0.01 min
Lab File: BM018400.D
Acq: 27 Dec 2018 17:29

Tgt Ion:184 Resp: 1579
Ion Ratio Lower Upper
184 100
185 224.1 11.4 17.0#
183 41.5 9.5 14.3#

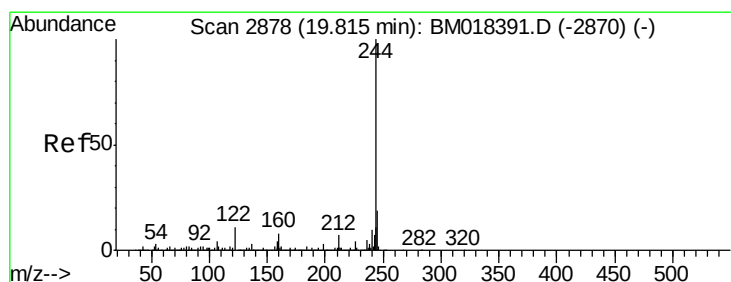
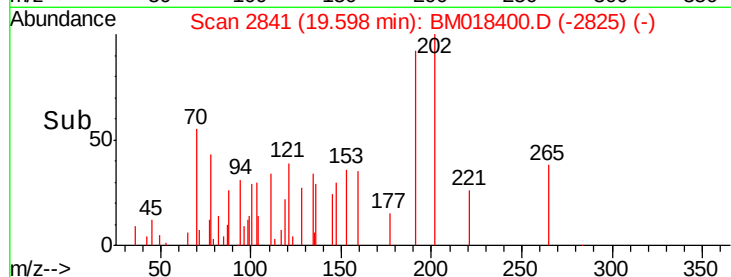
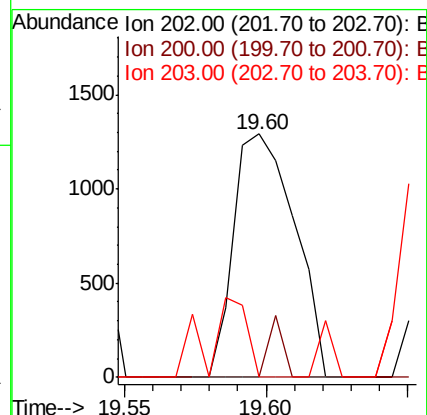
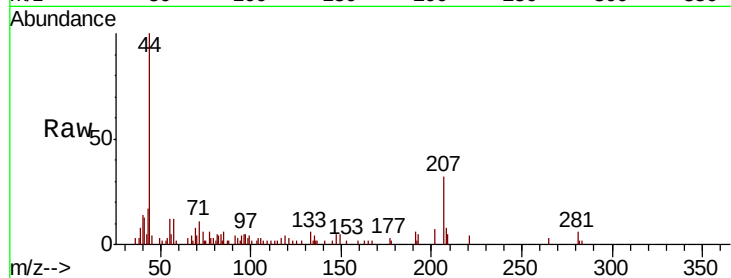




#78
 Pyrene
 Concen: 0.015 ng
 RT: 19.60 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM018400.D
 Acq: 27 Dec 2018 17:29

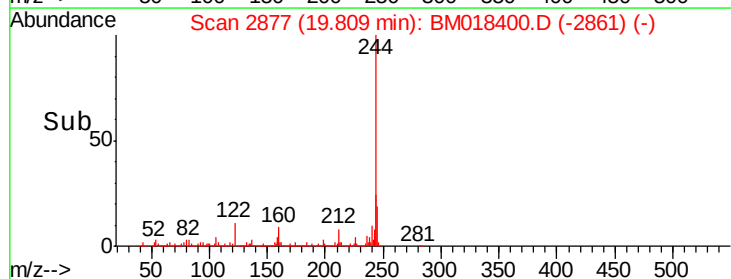
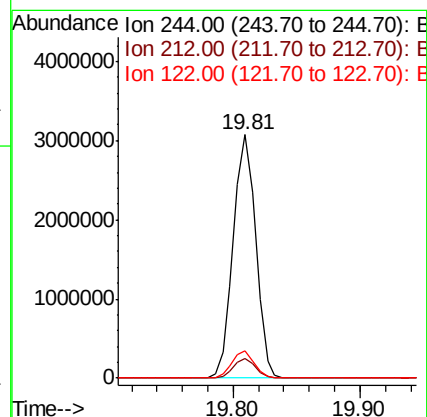
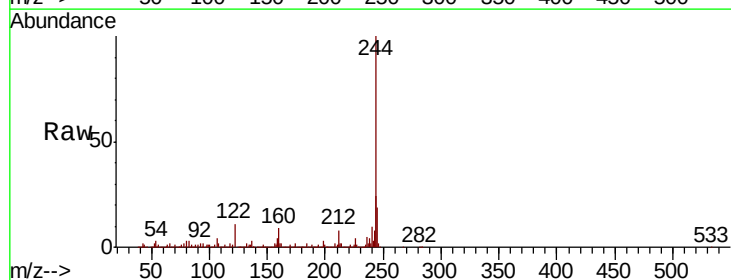
Instrument :
 BNA_M
 ClientSampleId :
 381128109-2

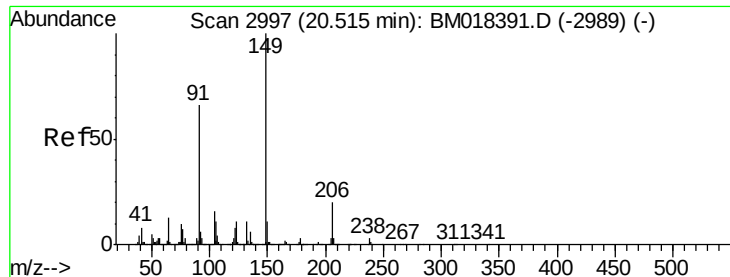
Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.6	24.8#
203	0.0	13.8	20.8#



#79
 Terphenyl-d14
 Concen: 35.519 ng
 RT: 19.81 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM018400.D
 Acq: 27 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	11.0	9.0	13.4





#80

Butylbenzylphthalate

Concen: 6.665 ng

RT: 20.50 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

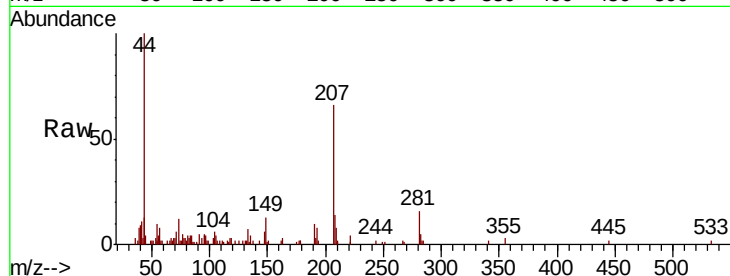
Tgt Ion:149 Resp: 2108

Ion Ratio Lower Upper

149 100

91 38.9 53.1 79.7#

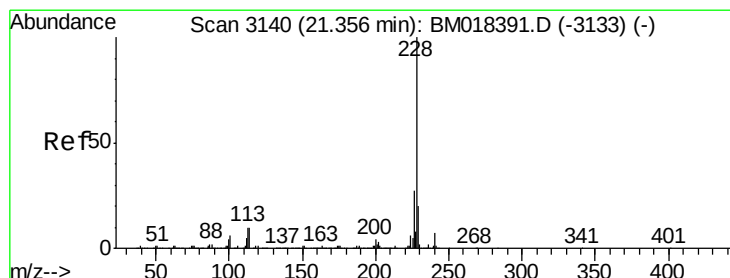
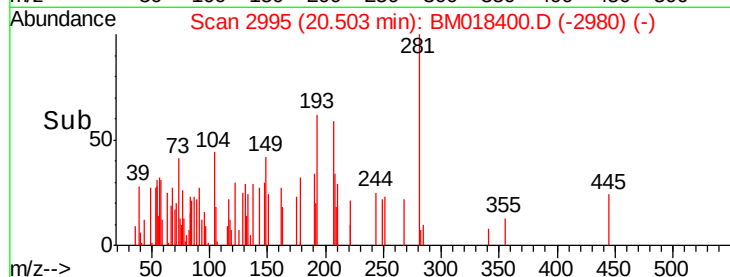
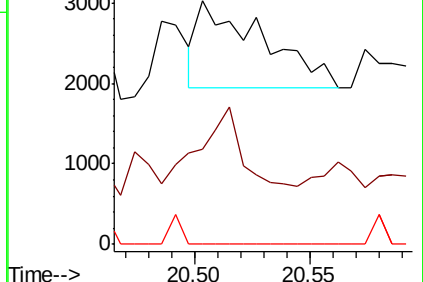
206 0.0 16.2 24.4#



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



#81

Benzo(a)anthracene

Concen: 0.062 ng

RT: 21.37 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

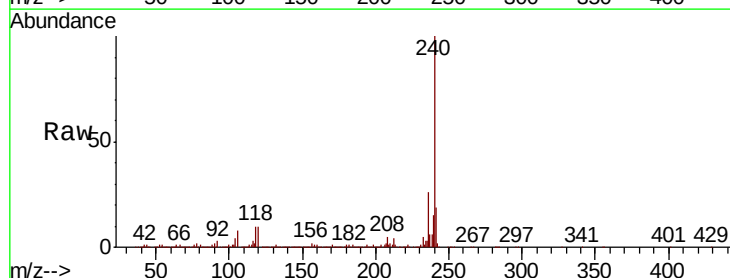
Tgt Ion:228 Resp: 8303

Ion Ratio Lower Upper

228 100

226 10.8 21.8 32.6#

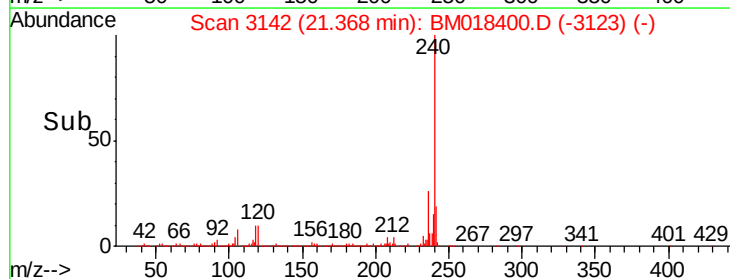
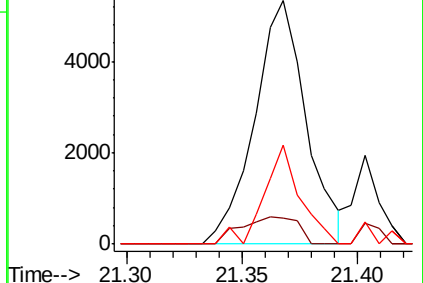
229 40.9 15.8 23.8#

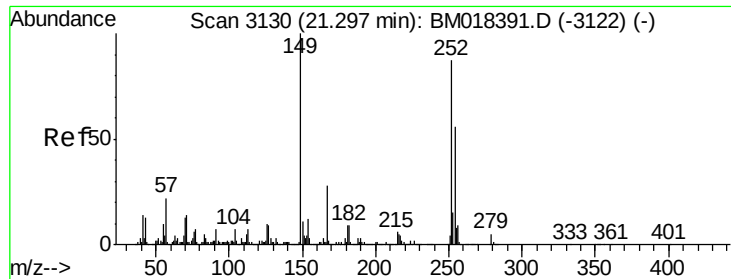


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

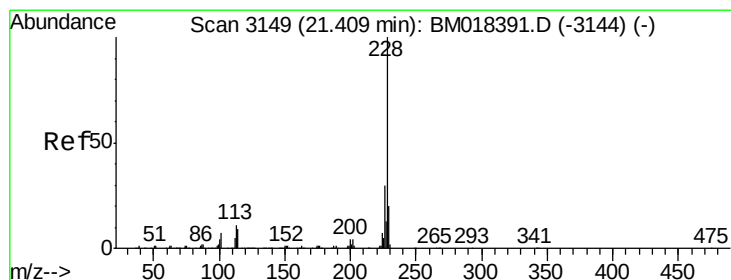
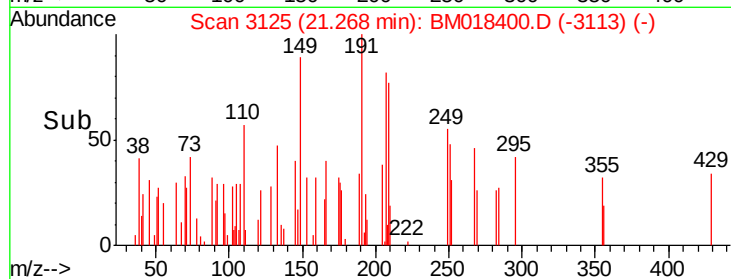
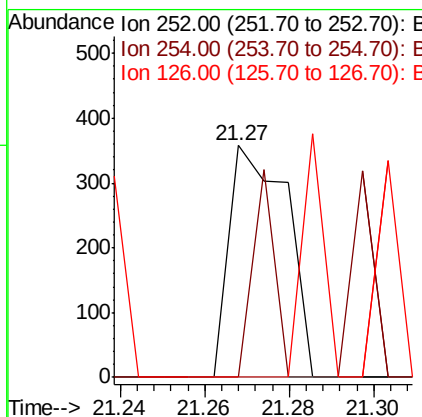
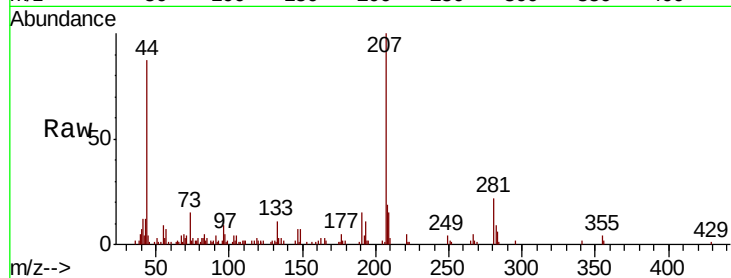




#82
 3,3'-Dichlorobenzidine
 Concen: 0.007 ng
 RT: 21.27 min Scan# 3125
 Delta R.T. -0.03 min
 Lab File: BM018400.D
 Acq: 27 Dec 2018 17:29

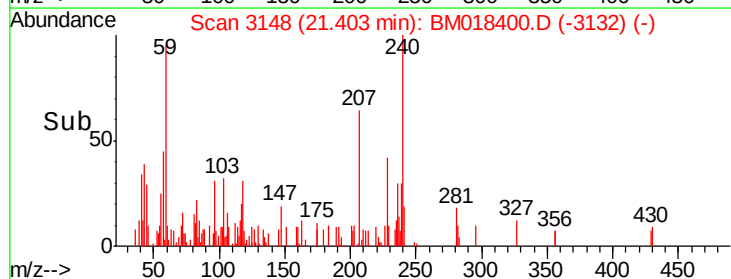
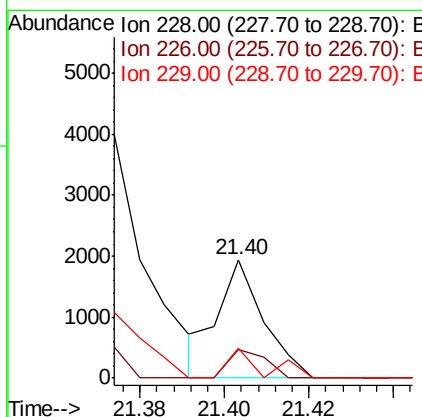
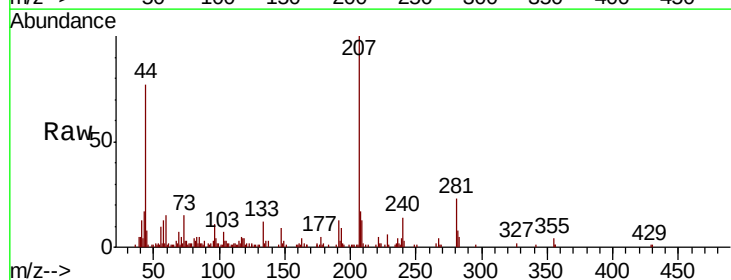
Instrument :
 BNA_M
 ClientSampleId :
 381128109-2

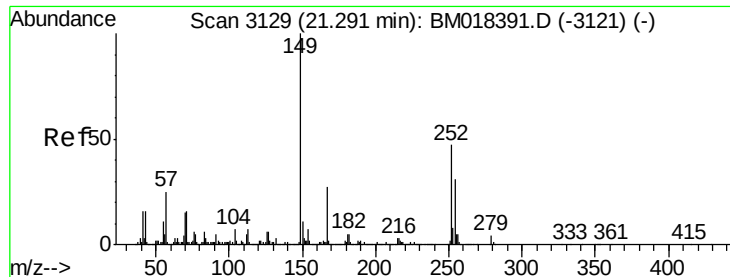
Tgt Ion: 252 Resp: 339
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.0#
 126 0.0 8.7 13.1#



#83
 Chrysene
 Concen: 0.011 ng
 RT: 21.40 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BM018400.D
 Acq: 27 Dec 2018 17:29

Tgt Ion: 228 Resp: 1439
 Ion Ratio Lower Upper
 228 100
 226 23.8 24.2 36.2#
 229 24.9 15.6 23.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.301 ng

RT: 21.29 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

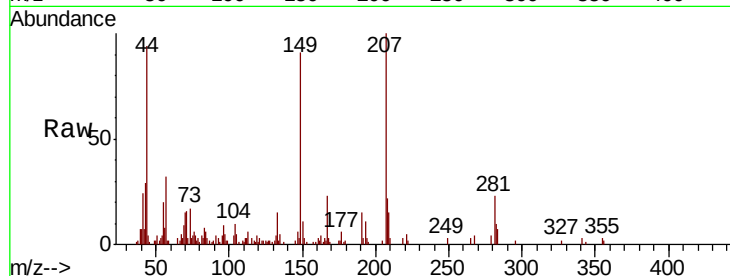
Tgt Ion:149 Resp: 26619

Ion Ratio Lower Upper

149 100

167 25.6 21.6 32.4

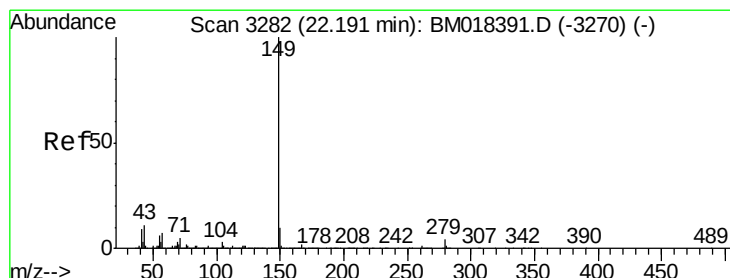
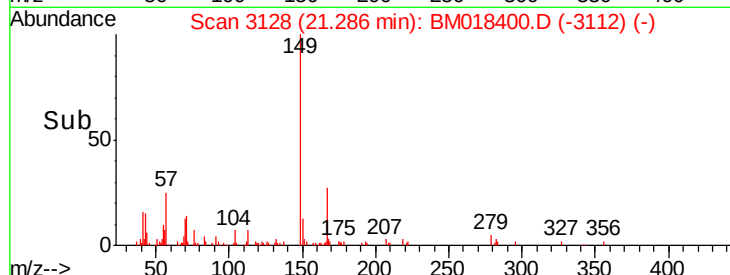
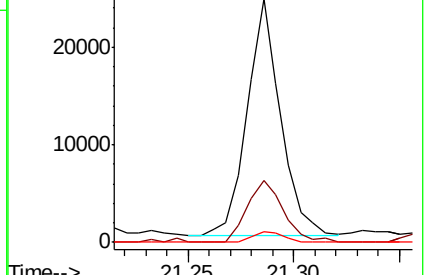
279 4.4 3.3 4.9



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

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.19 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

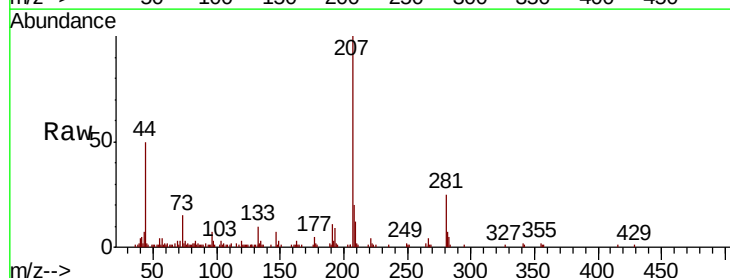
Tgt Ion:149 Resp: 624

Ion Ratio Lower Upper

149 100

167 58.0 1.3 1.9#

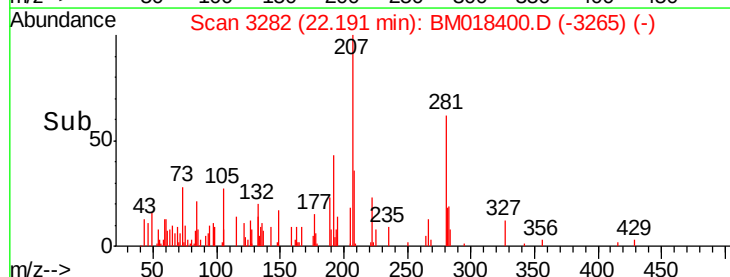
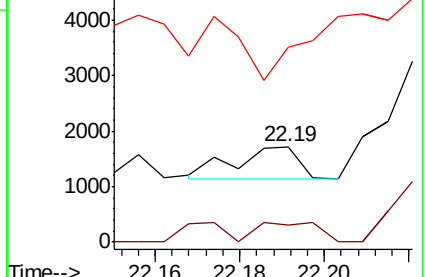
43 0.0 8.6 12.8#

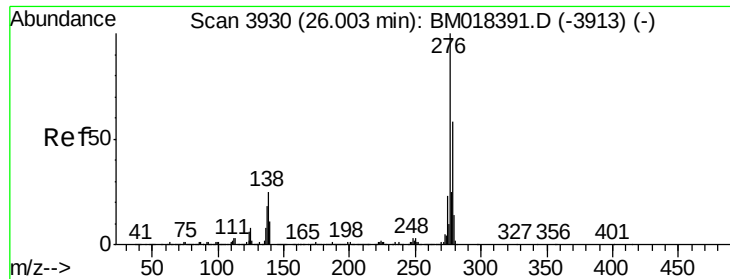


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 25.99 min Scan# 3927

Delta R.T. -0.02 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

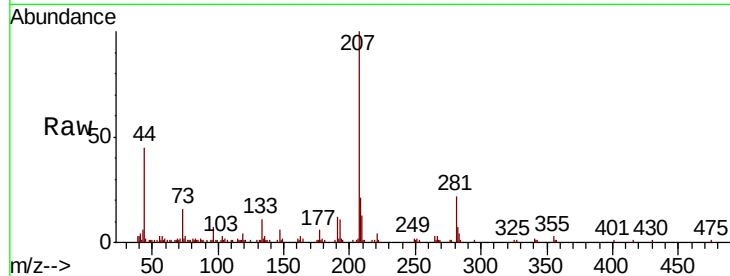
Tgt Ion:276 Resp: 152

Ion Ratio Lower Upper

276 100

138 0.0 21.5 32.3#

277 86.8 20.2 30.2#

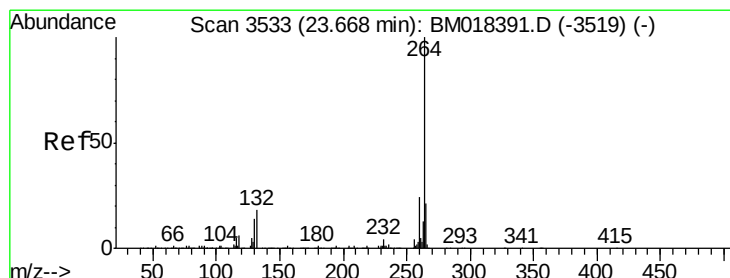
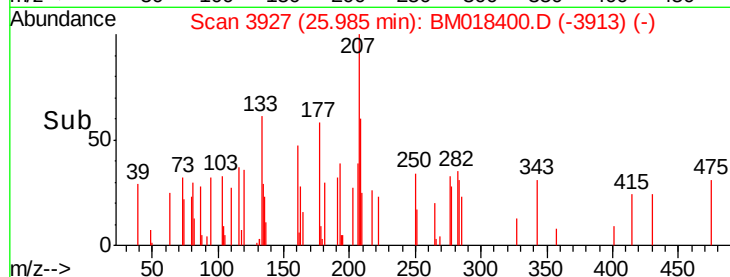
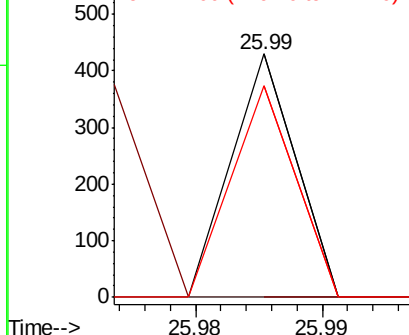


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

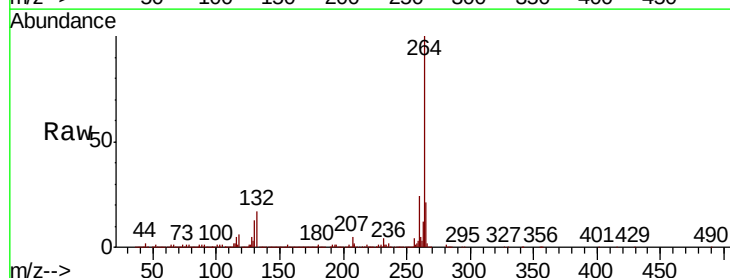
Tgt Ion:264 Resp: 2348982

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.3 16.8 25.2

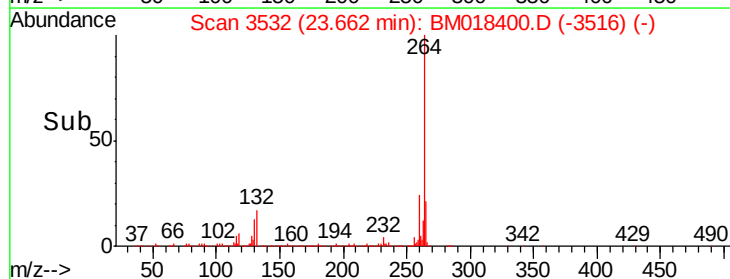
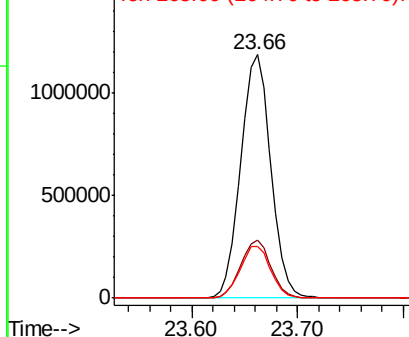


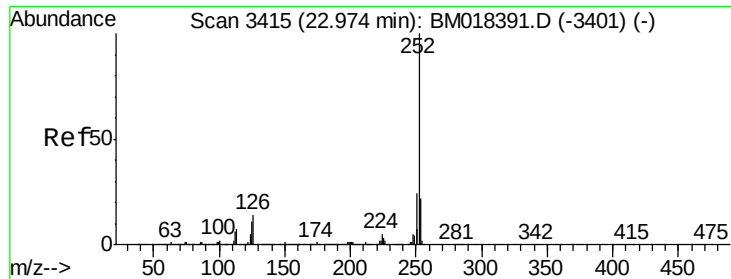
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.022 ng

RT: 22.97 min Scan# 3414

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

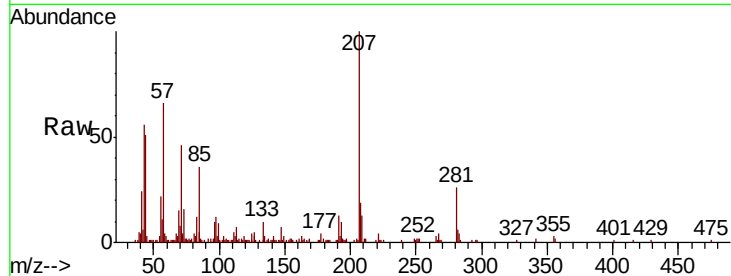
Tgt Ion:252 Resp: 2834

Ion Ratio Lower Upper

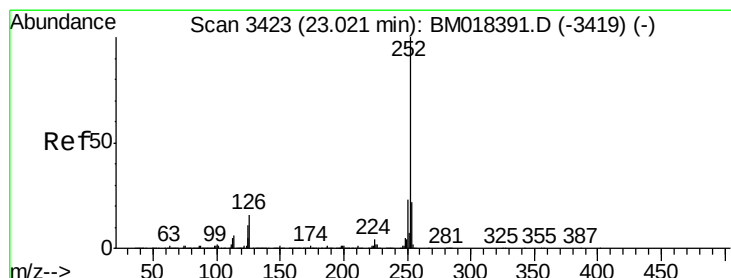
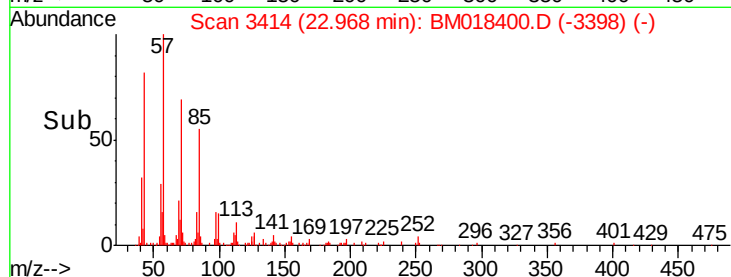
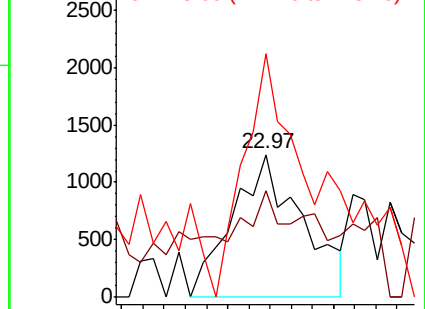
252 100

253 74.8 17.6 26.4#

125 170.5 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.01 min Scan# 3421

Delta R.T. -0.01 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

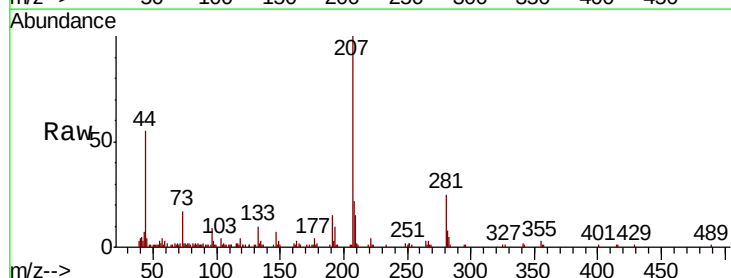
Tgt Ion:252 Resp: 423

Ion Ratio Lower Upper

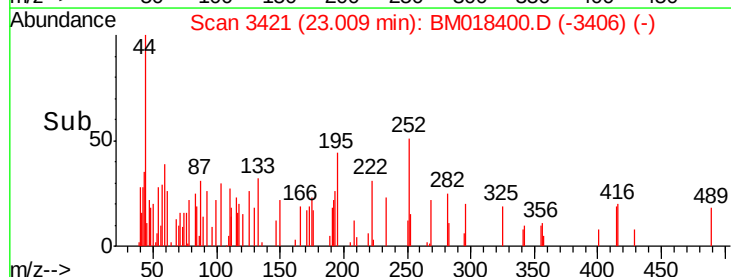
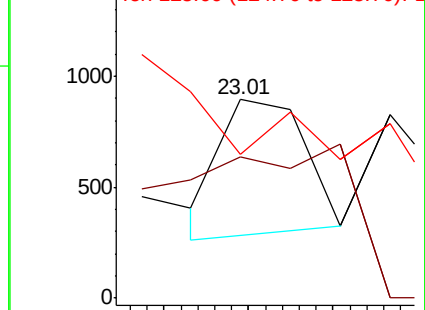
252 100

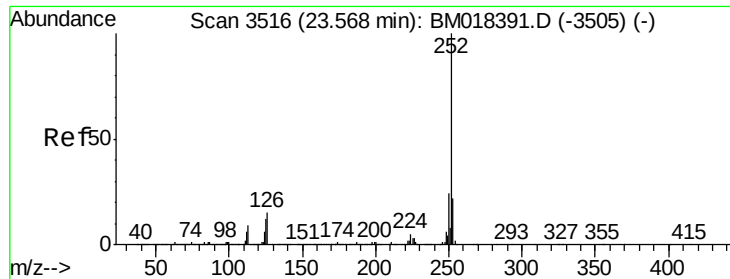
253 71.1 17.4 26.0#

125 123.6 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.020 ng

RT: 23.55 min Scan# 3513

Delta R.T. -0.02 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

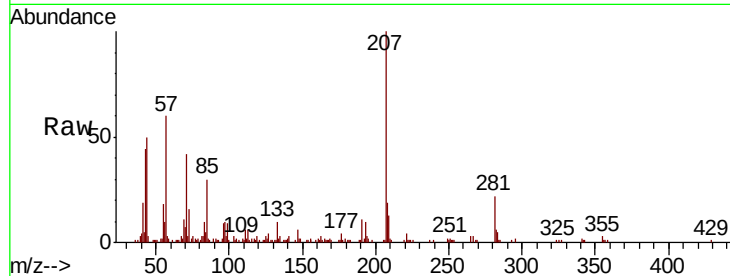
Tgt Ion: 252 Resp: 2526

Ion Ratio Lower Upper

252 100

253 33.5 17.5 26.3#

125 133.2 9.7 14.5#

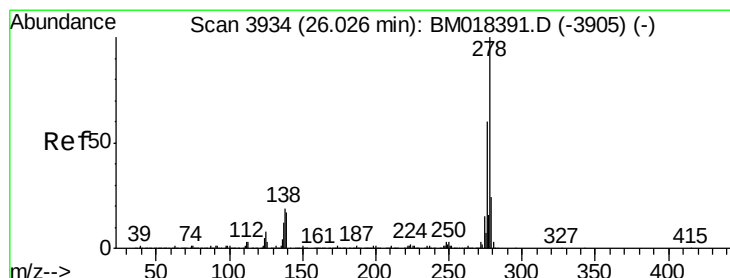
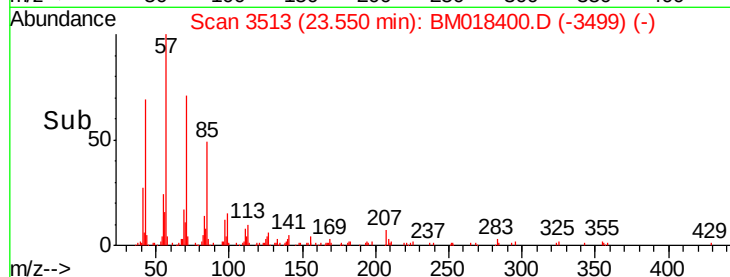
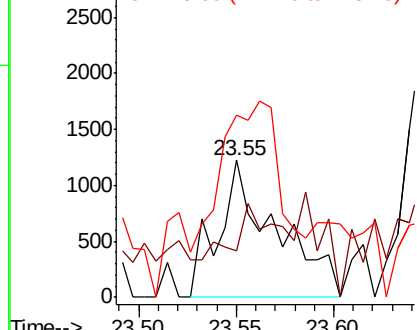


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 26.03 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

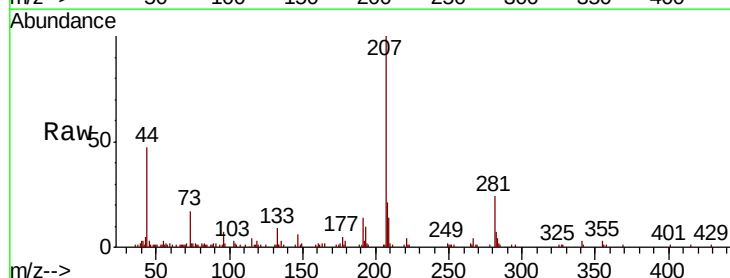
Tgt Ion: 278 Resp: 227

Ion Ratio Lower Upper

278 100

139 0.0 13.2 19.8#

279 0.0 19.0 28.4#

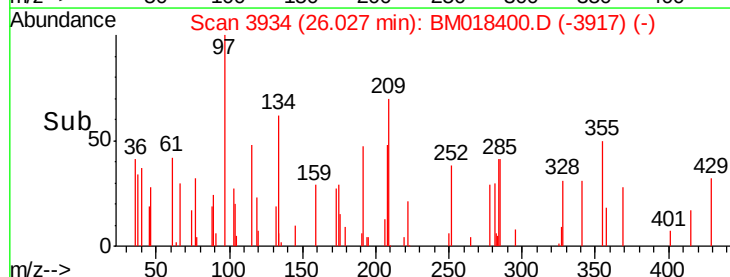
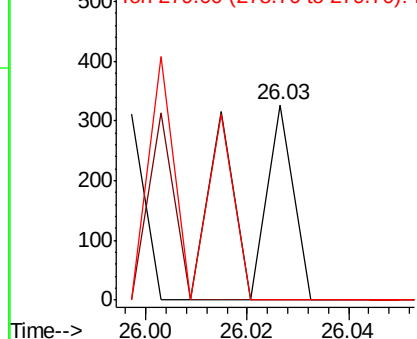


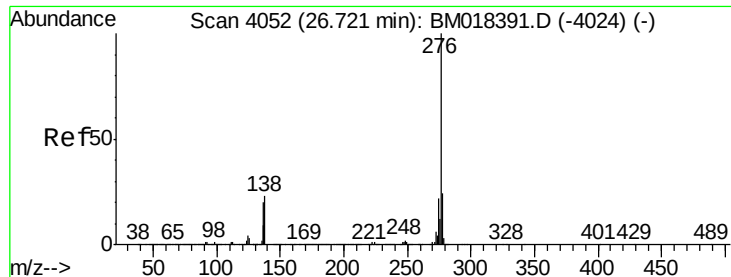
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 26.70 min Scan# 4048

Delta R.T. -0.02 min

Lab File: BM018400.D

Acq: 27 Dec 2018 17:29

Instrument :

BNA_M

ClientSampleId :

381128109-2

Tgt Ion: 276 Resp: 163

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 0.0 18.1 27.1#

