

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018405.D
 Acq On : 27 Dec 2018 20:29
 Operator : JU/SJ
 Sample : PB116035BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

Quant Time: Dec 28 04:06:08 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	256256	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1182838	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	753193	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1800782	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2076818	20.00	ng	0.00
87) Perylene-d12	23.66	264	2248722	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	161722	11.90	ng	0.00
7) Phenol-d6	6.93	99	162281	8.60	ng	0.00
23) Nitrobenzene-d5	8.95	82	486866	23.62	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	210586	22.00	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1398301	25.14	ng	0.00
79) Terphenyl-d14	19.81	244	3461091	35.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	709	0.128	ng	# 1
3) Pyridine	3.70	79	361	0.024	ng	# 1
4) n-Nitrosodimethylamine	3.64	42	332	0.053	ng	# 1
8) 2-Chlorophenol	7.36	128	111	0.007	ng	# 35
9) Benzaldehyde	6.91	77	1558	0.118	ng	# 29
10) Phenol	6.96	94	794	0.041	ng	# 45
11) bis(2-Chloroethyl)ether	7.22	93	109	0.007	ng	# 20
15) Benzyl Alcohol	8.03	79	571	0.039	ng	# 24
16) 2,2'-oxybis(1-Chloropropan	8.30	45	2337	0.097	ng	# 69
19) n-Nitroso-di-n-propylamine	8.57	70	112	0.008	ng	# 1
22) Acetophenone	8.62	105	938	0.031	ng	# 16
24) Nitrobenzene	9.02	77	459	0.023	ng	# 38
25) Isophorone	9.51	82	420	0.012	ng	# 64
27) 2,4-Dimethylphenol	9.77	122	224	0.015	ng	# 3
31) Naphthalene	10.63	128	1889	0.033	ng	# 69
38) 1-Methylnaphthalene	12.46	142	107	0.003	ng	# 6
46) 1,1'-Biphenyl	13.26	154	3497	0.054	ng	# 85
47) 2-Chloronaphthalene	13.30	162	156	0.003	ng	# 39
49) Acenaphthylene	14.16	152	279	0.004	ng	# 61
50) Dimethylphthalate	13.89	163	280	0.004	ng	# 78
51) 2,6-Dinitrotoluene	13.96	165	121	0.009	ng	# 23
52) Acenaphthene	14.43	154	2728	0.060	ng	# 4
58) Fluorene	15.47	166	430	0.007	ng	# 9
60) Diethylphthalate	15.25	149	10116	0.154	ng	# 87
63) Azobenzene	15.78	77	1166	0.019	ng	# 23
70) Pentachlorophenol	16.76	266	107	0.008	ng	# 19
71) Phenanthrene	17.22	178	1050	0.011	ng	# 55
72) Anthracene	17.30	178	312	0.003	ng	# 61
73) Carbazole	17.58	167	137	0.001	ng	# 59
74) Di-n-butylphthalate	18.14	149	9554	0.084	ng	# 84
75) Fluoranthene	19.23	202	1061	0.009	ng	# 64
77) Benizidine	19.44	184	137	0.002	ng	# 67
78) Pyrene	19.60	202	914	0.008	ng	# 58
80) Butylbenzylphthalate	20.53	149	939	6.649	ng	# 54

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 ALS Vial : 10 Sample Multiplier: 1

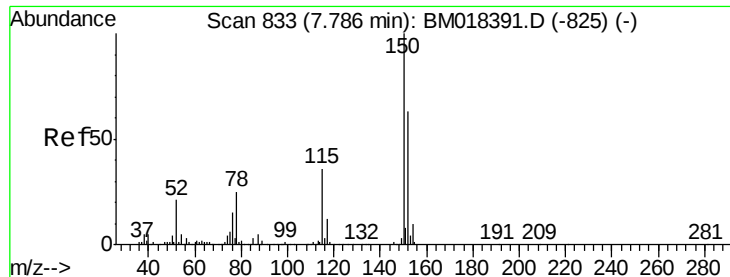
Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	21.37	228	6026	0.049	ng	# 73
82) 3,3'-Dichlorobenzidine	21.29	252	146	0.003	ng	# 26
83) Chrysene	21.40	228	1039	0.009	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.29	149	33263	0.409	ng	97
85) Di-n-octyl phthalate	22.17	149	226	0.002	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.96	276	108	0.001	ng	# 1
88) Benzo(b)fluoranthene	22.97	252	1171	0.009	ng	# 1
89) Benzo(k)fluoranthene	23.03	252	780	0.006	ng	# 1
90) Benzo(a)pyrene	23.56	252	1228	0.010	ng	# 1
91) Dibenzo(a,h)anthracene	26.01	278	107	0.001	ng	# 56

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

```
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Acq On    : 27 Dec 2018   20:29  
Operator  : JU/SJ  
Sample    : PB116035BL  
Misc      :  
ALS Vial  : 10      Sample Multiplier: 1
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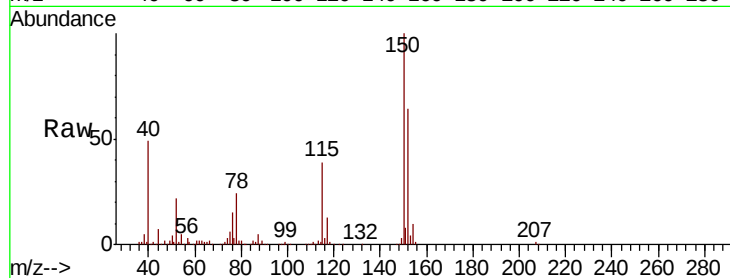


#1

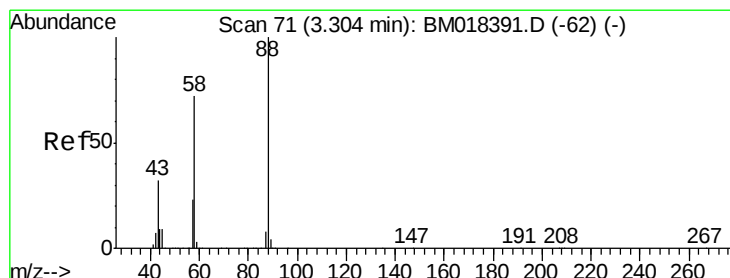
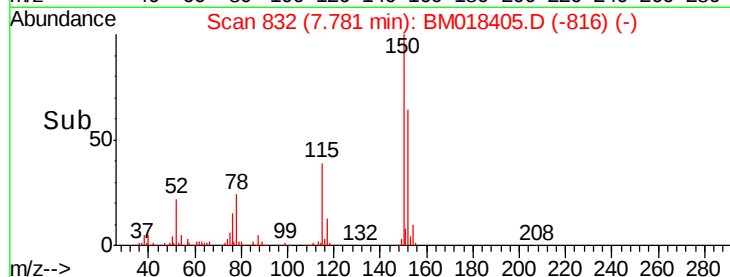
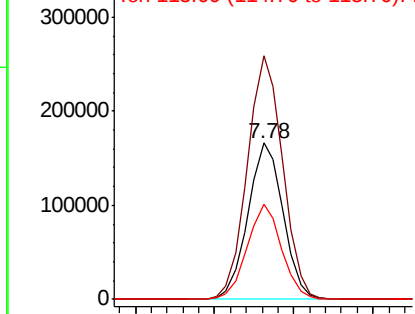
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

Instrument :
BNA_M
ClientSampleId :
PB116035BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.9	190.3
115	60.6	45.5	68.3



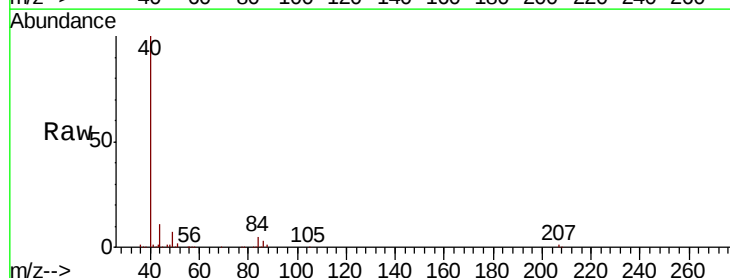
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



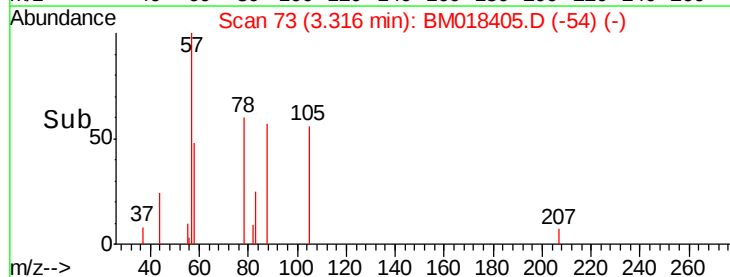
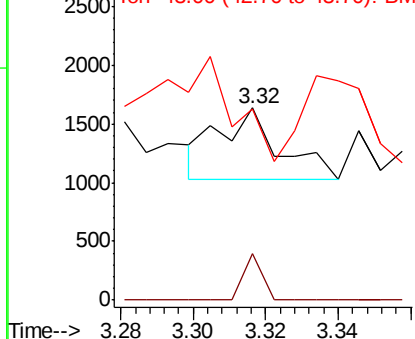
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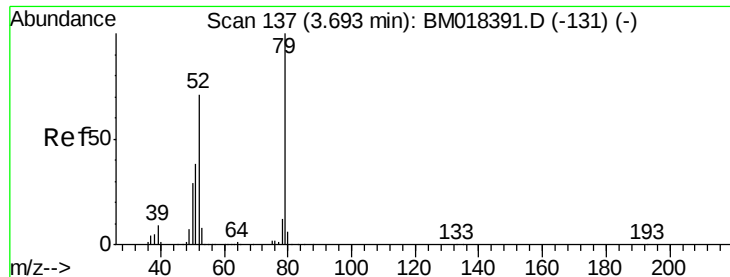
1,4-Dioxane
Concen: 0.128 ng
RT: 3.32 min Scan# 73
Delta R.T. 0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	19.9	58.4	87.6#
43	234.1	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: 0.024 ng

RT: 3.70 min Scan# 138

Delta R.T. 0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampled :

PB116035BL

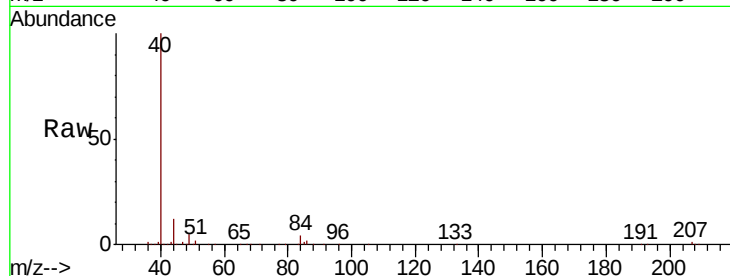
Tgt Ion: 79 Resp: 361

Ion Ratio Lower Upper

79 100

52 0.0 56.4 84.6#

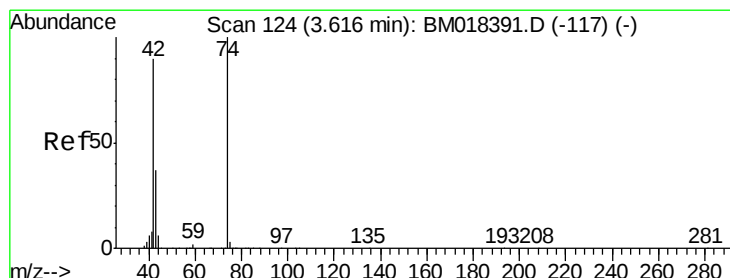
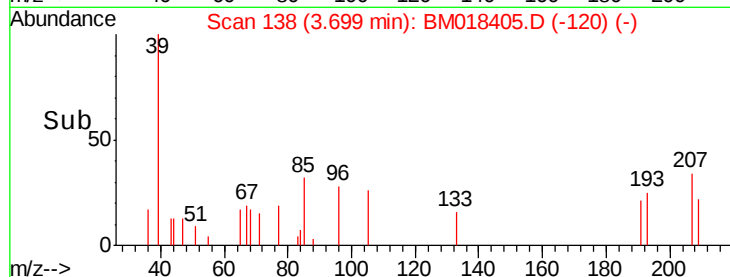
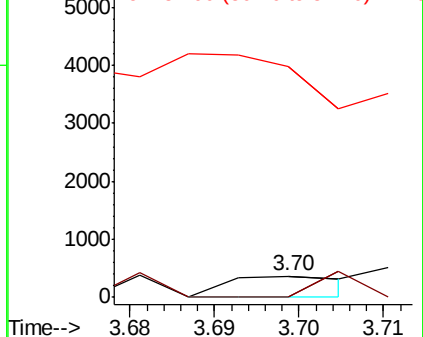
51 1072.5 31.0 46.4#



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: 0.053 ng

RT: 3.64 min Scan# 128

Delta R.T. 0.02 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

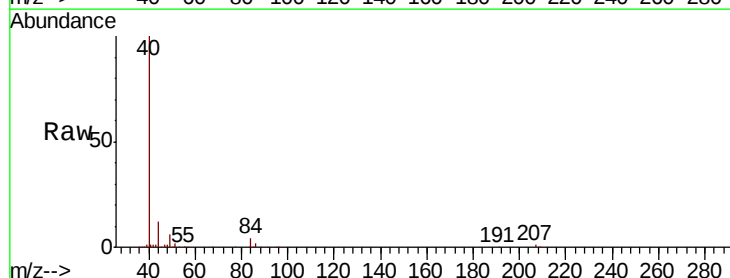
Tgt Ion: 42 Resp: 332

Ion Ratio Lower Upper

42 100

74 0.0 88.6 132.8#

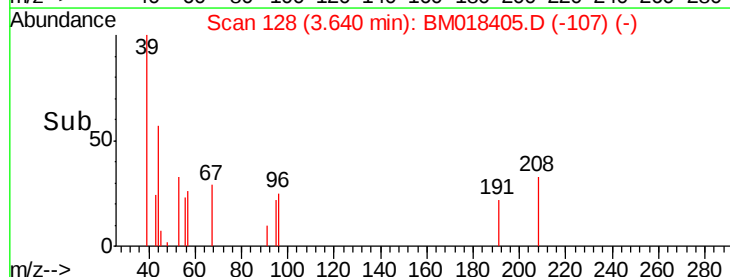
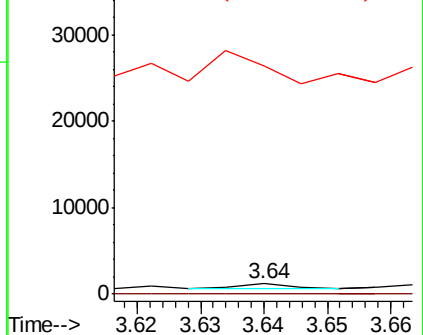
44 2252.7 16.9 25.3#

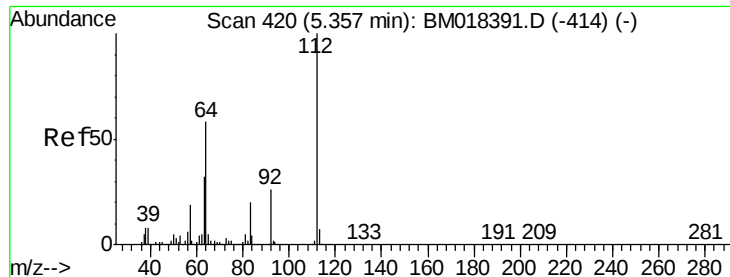


Abundance Ion 42.00 (41.70 to 42.70): BM018391.D (-117) (-)

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: 11.898 ng

RT: 5.36 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

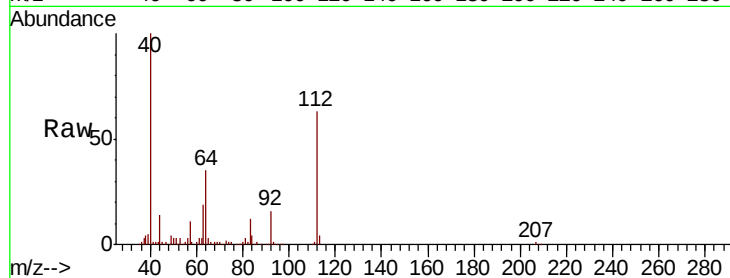
Tgt Ion: 112 Resp: 161722

Ion Ratio Lower Upper

112 100

64 55.9 46.5 69.7

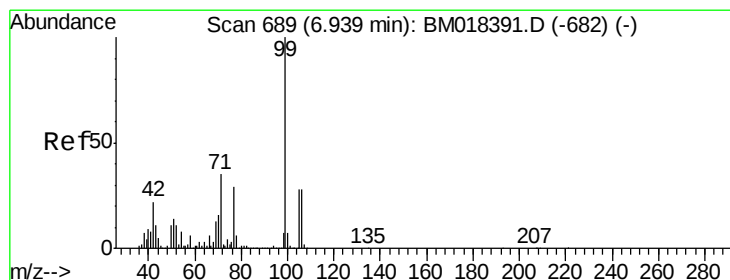
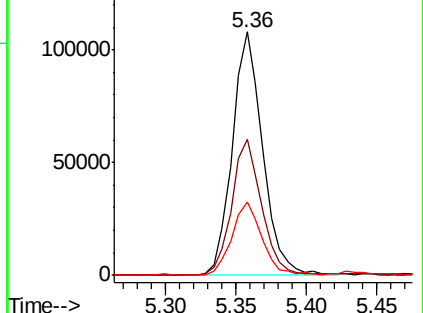
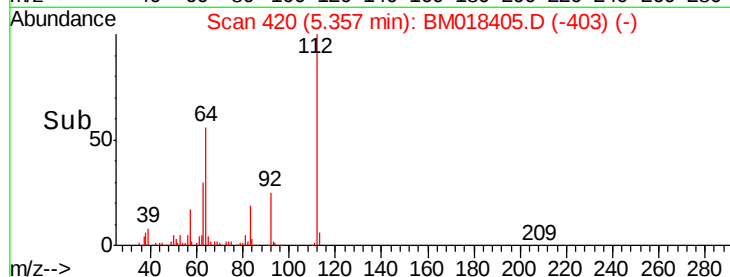
63 30.2 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 8.598 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

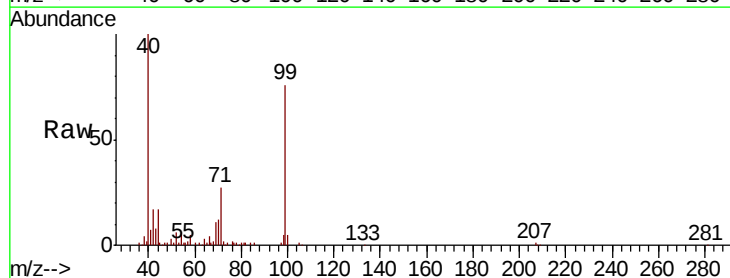
Tgt Ion: 99 Resp: 162281

Ion Ratio Lower Upper

99 100

42 22.9 17.3 25.9

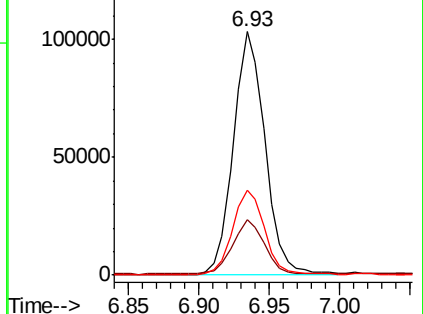
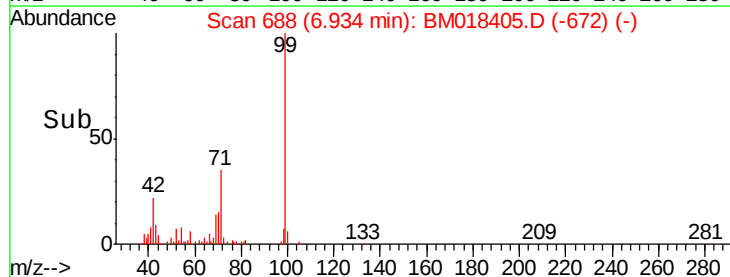
71 35.0 28.0 42.0

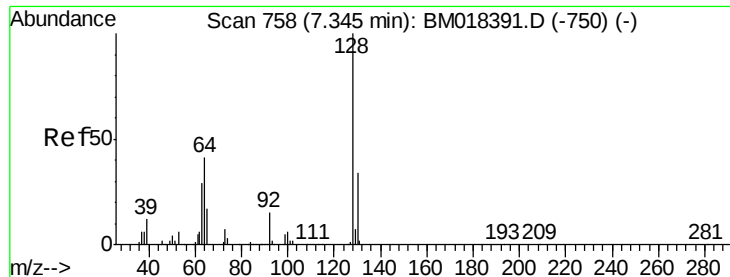


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.007 ng

RT: 7.36 min Scan# 761

Delta R.T. 0.02 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

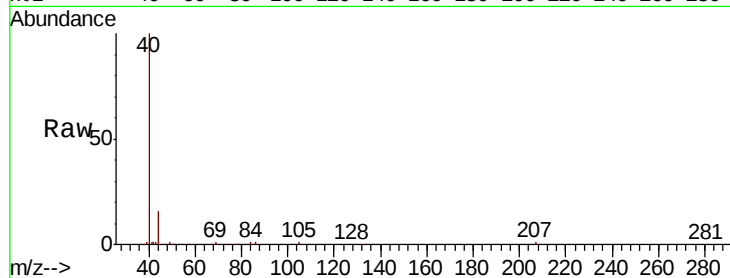
Instrument :

BNA_M

ClientSampleId :

PB116035BL

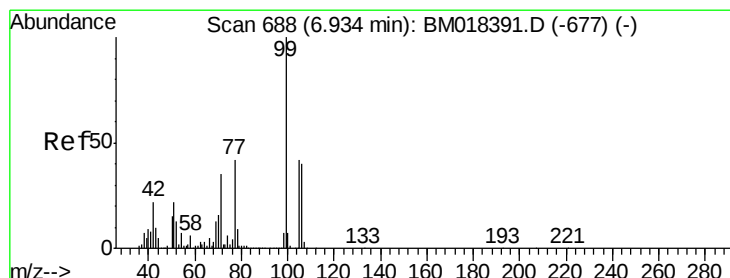
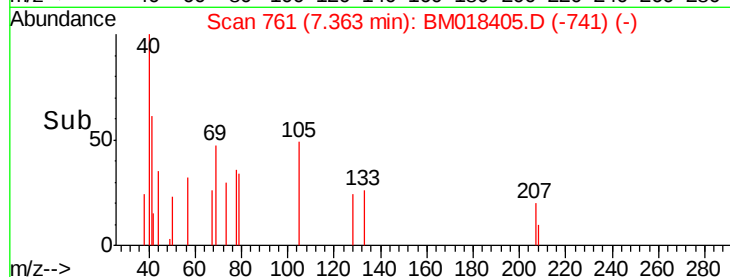
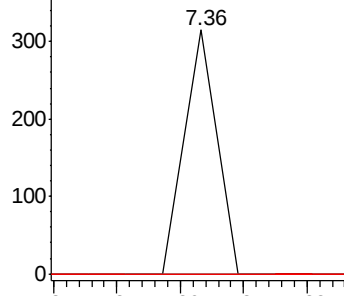
Tgt Ion:	128	Resp:	111
Ion	Ratio	Lower	Upper
128	100		
130	0.0	13.6	53.6#
64	0.0	24.8	64.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 0.118 ng

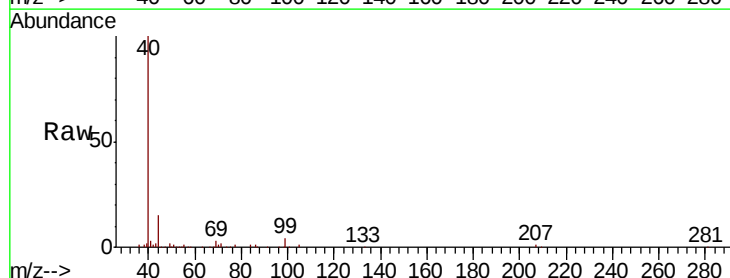
RT: 6.91 min Scan# 684

Delta R.T. -0.02 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

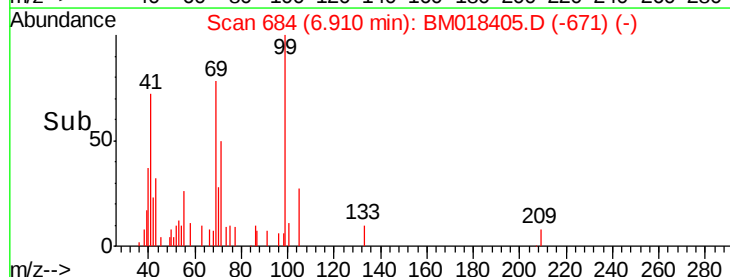
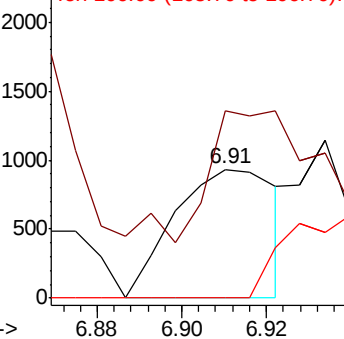
Tgt Ion:	77	Resp:	1558
Ion	Ratio	Lower	Upper
77	100		
105	145.5	79.7	119.7#
106	0.0	75.2	115.2#

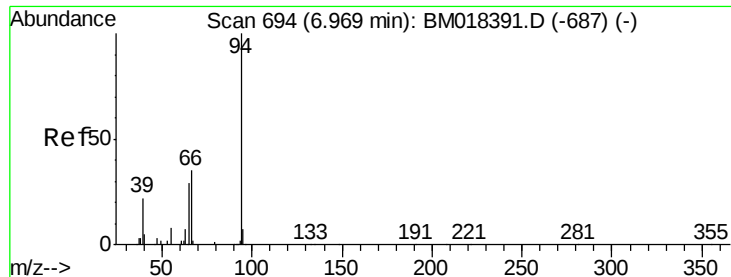


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.041 ng

RT: 6.96 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

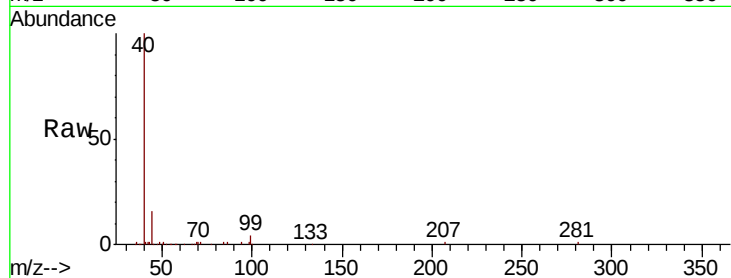
Tgt Ion: 94 Resp: 794

Ion Ratio Lower Upper

94 100

65 0.0 9.4 49.4#

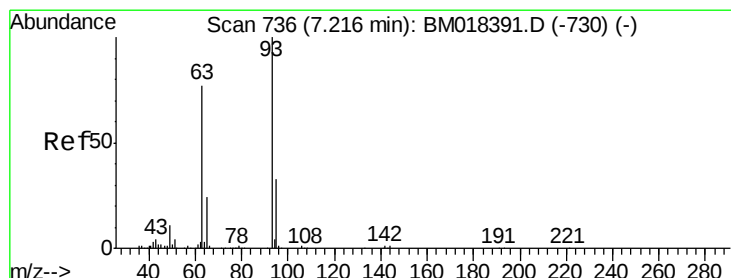
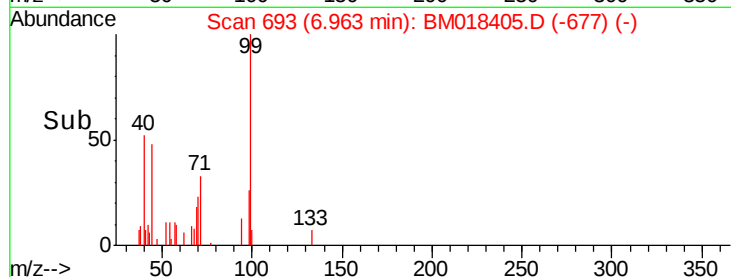
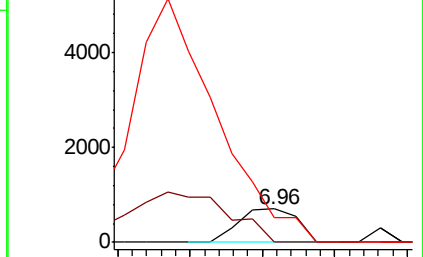
66 72.5 19.1 59.1#



Abundance Ion 94.00 (93.70 to 94.70): BM018391.D (-687) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-687) (-)

Ion 66.00 (65.70 to 66.70): BM018391.D (-687) (-)



#11

bis(2-Chloroethyl)ether

Concen: 0.007 ng

RT: 7.22 min Scan# 736

Delta R.T. 0.00 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

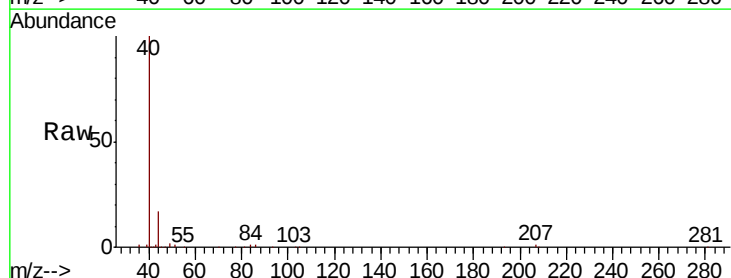
Tgt Ion: 93 Resp: 109

Ion Ratio Lower Upper

93 100

63 0.0 56.4 96.4#

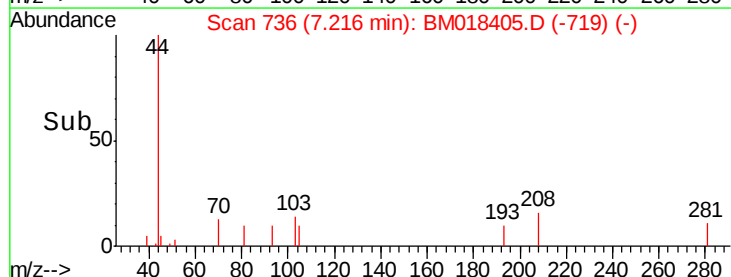
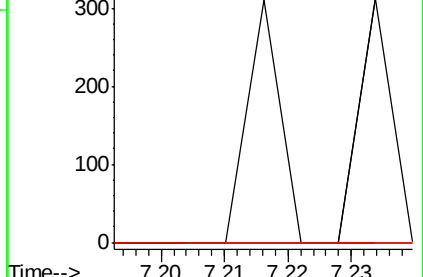
95 0.0 12.7 52.7#

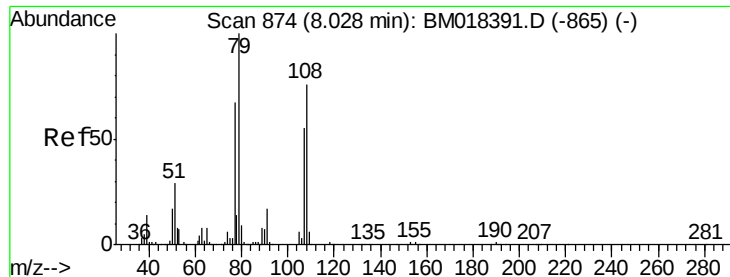


Abundance Ion 93.00 (92.70 to 93.70): BM018391.D (-730) (-)

Ion 63.00 (62.70 to 63.70): BM018391.D (-730) (-)

Ion 95.00 (94.70 to 95.70): BM018391.D (-730) (-)





#15

Benzyl Alcohol

Concen: 0.039 ng

RT: 8.03 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

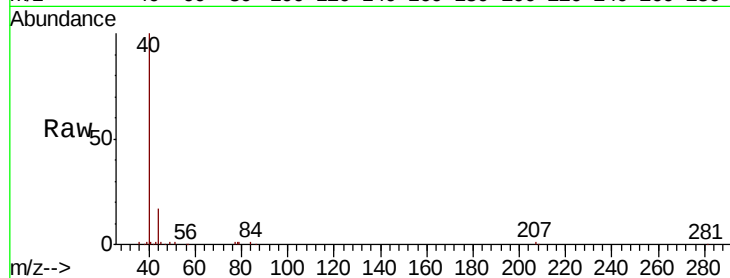
Tgt Ion: 79 Resp: 571

Ion Ratio Lower Upper

79 100

108 0.0 60.4 90.6#

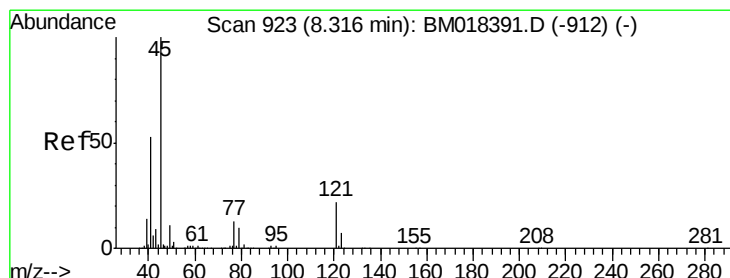
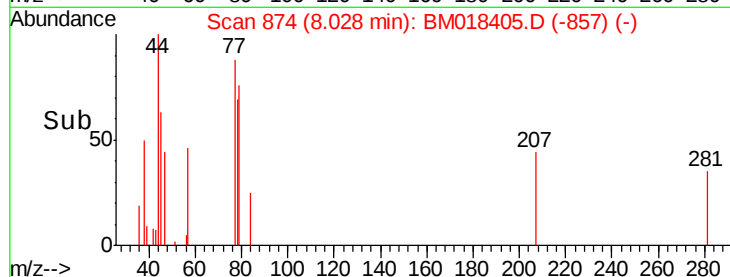
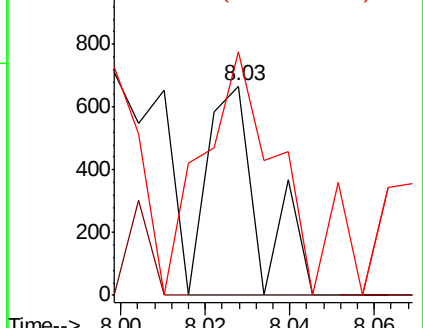
77 116.3 53.4 80.2#



Abundance Ion 79.00 (78.70 to 79.70): BM018391.D (-865) (-)

Ion 108.00 (107.70 to 108.70): BM018391.D (-865) (-)

Ion 77.00 (76.70 to 77.70): BM018391.D (-865) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.097 ng

RT: 8.30 min Scan# 920

Delta R.T. -0.02 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

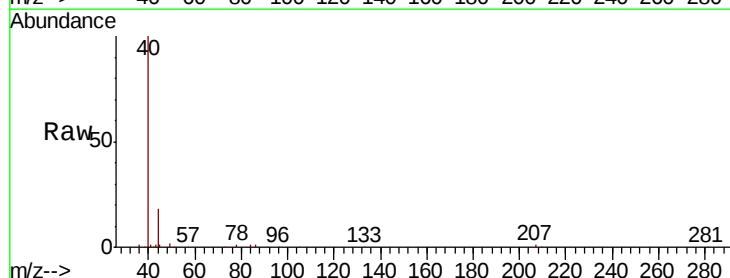
Tgt Ion: 45 Resp: 2337

Ion Ratio Lower Upper

45 100

77 0.0 0.0 33.4

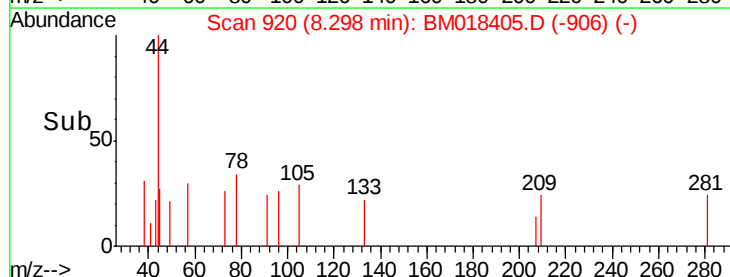
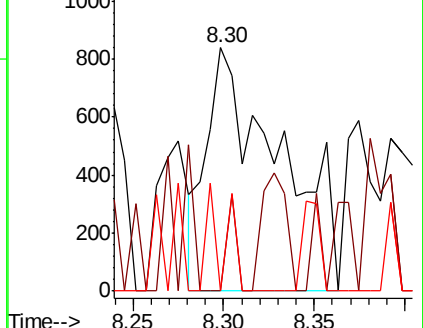
79 0.0 0.0 31.1

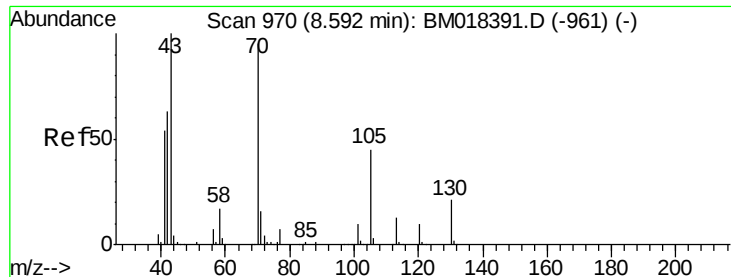


Abundance Ion 45.00 (44.70 to 45.70): BM018391.D (-912) (-)

Ion 77.00 (76.70 to 77.70): BM018391.D (-912) (-)

Ion 79.00 (78.70 to 79.70): BM018391.D (-912) (-)

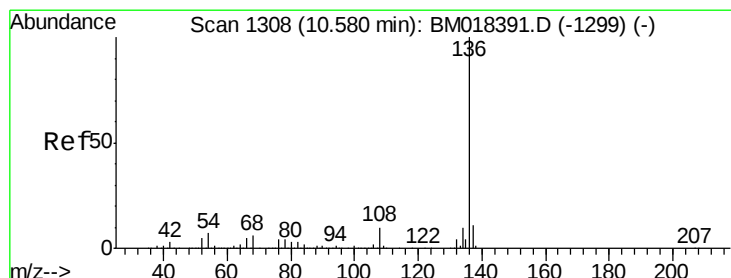
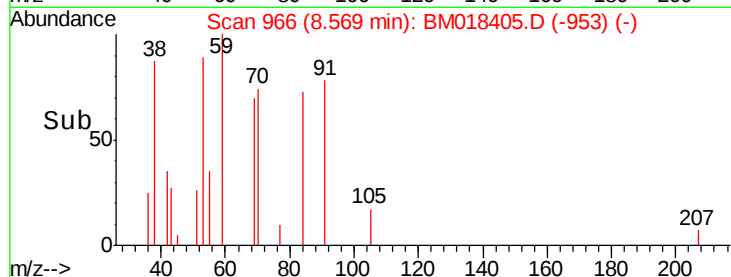
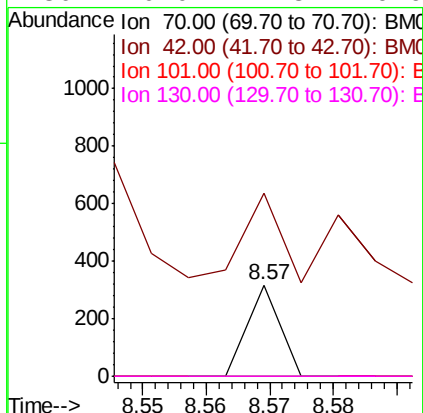
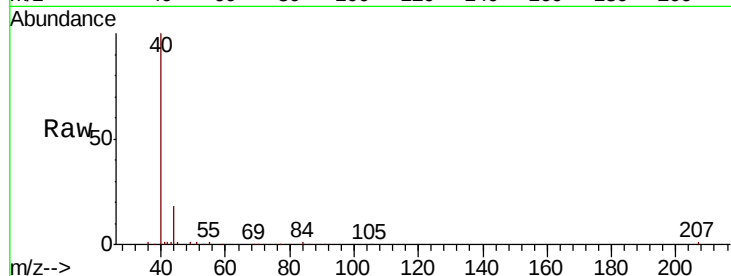




#19
n-Nitroso-di-n-propylamine
Concen: 0.008 ng
RT: 8.57 min Scan# 966
Delta R.T. -0.02 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

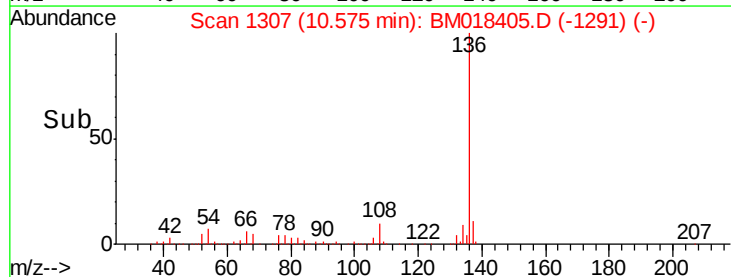
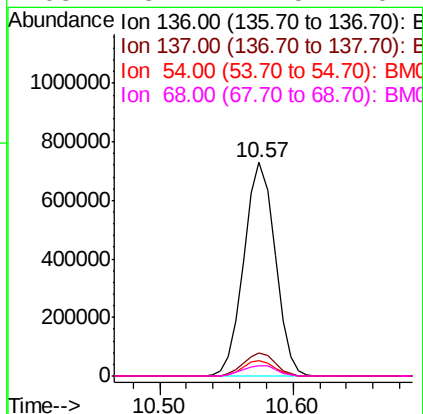
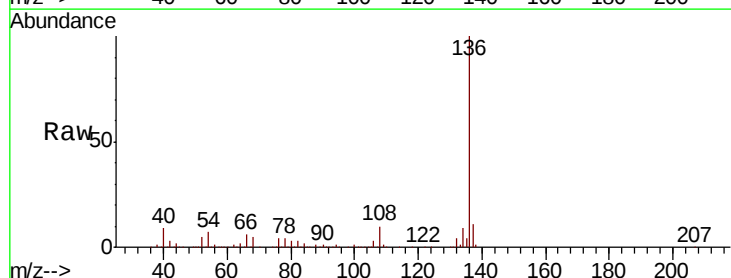
Instrument :
BNA_M
ClientSampleId :
PB116035BL

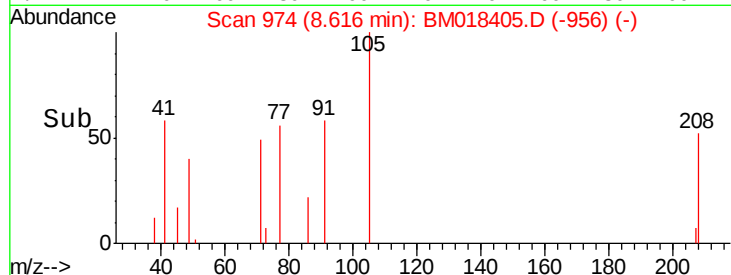
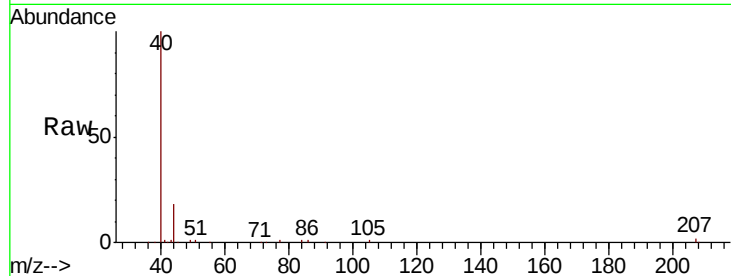
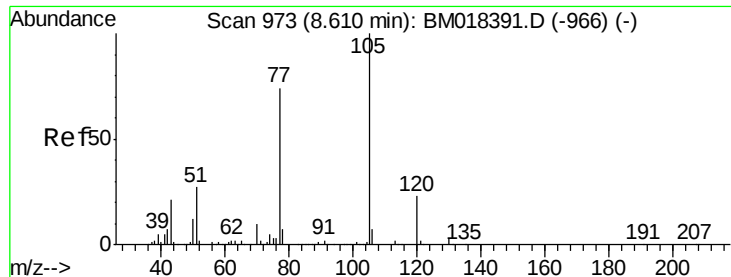
Tgt Ion: 70 Resp: 112
Ion Ratio Lower Upper
70 100
42 200.0 54.0 81.0#
101 0.0 8.1 12.1#
130 0.0 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

Tgt Ion: 136 Resp: 1182838
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.1 6.0 9.0
68 5.1 4.5 6.7

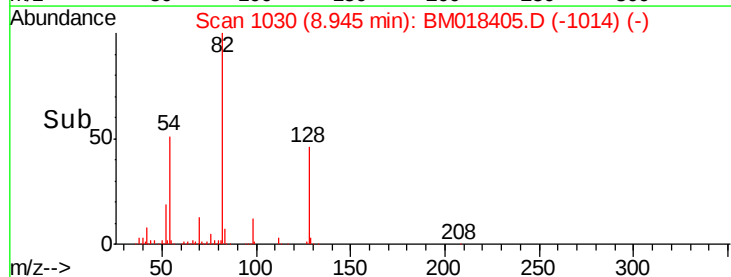
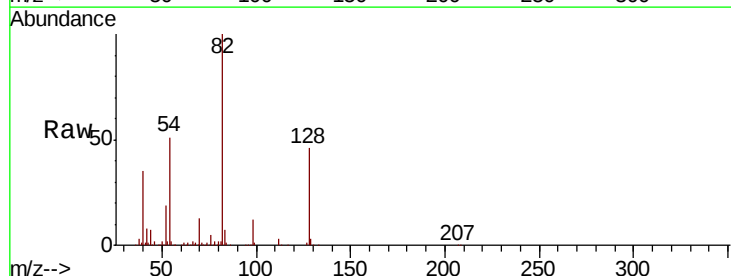
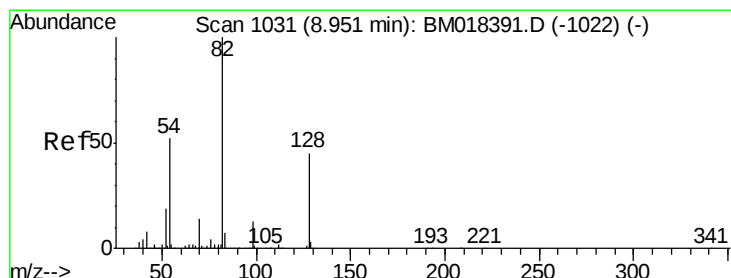
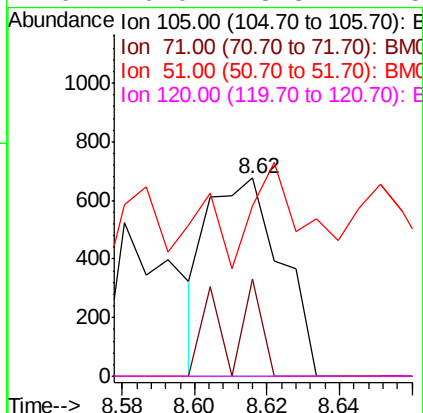




#22
Acetophenone
Concen: 0.031 ng
RT: 8.62 min Scan# 974
Delta R.T. 0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

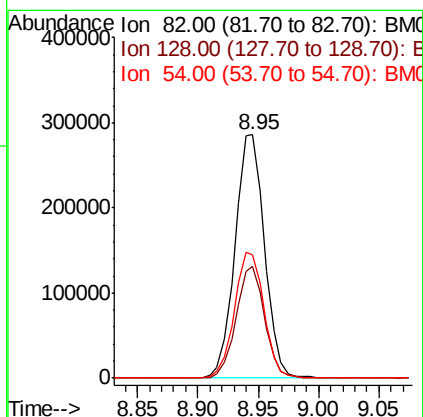
Instrument :
BNA_M
ClientSampleId :
PB116035BL

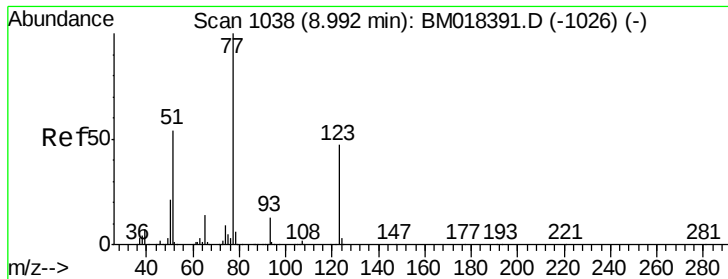
Tgt Ion: 105 Resp: 938
Ion Ratio Lower Upper
105 100
71 49.5 1.7 2.5#
51 86.1 22.6 34.0#
120 0.0 18.3 27.5#



#23
Nitrobenzene-d5
Concen: 23.624 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

Tgt Ion: 82 Resp: 486866
Ion Ratio Lower Upper
82 100
128 45.9 36.3 54.5
54 50.6 41.7 62.5





#24

Nitrobenzene

Concen: 0.023 ng

RT: 9.02 min Scan# 1043

Delta R.T. 0.03 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

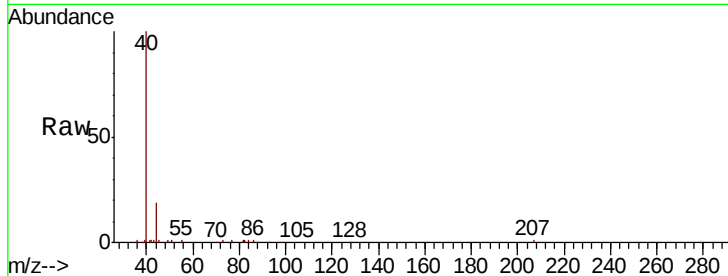
Tgt Ion: 77 Resp: 459

Ion Ratio Lower Upper

77 100

123 0.0 37.7 56.5#

65 0.0 11.0 16.6#

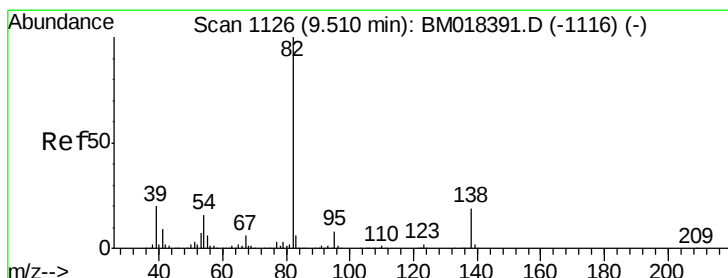
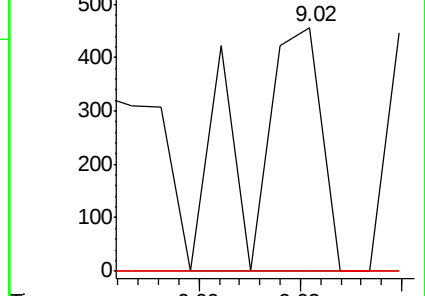
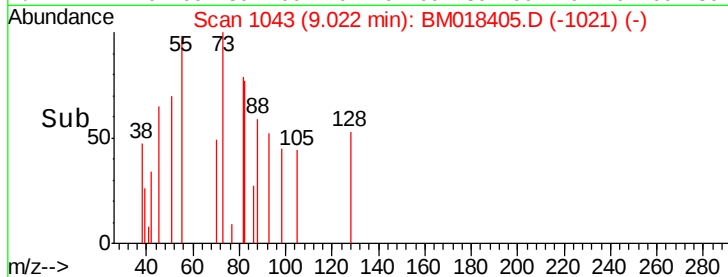


Abundance Ion 77.00 (76.70 to 77.70): BM018391.D (-1026) (-)

Ion 123.00 (122.70 to 123.70): BM018391.D (-1026) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-1026) (-)

Time-->



#25

Isophorone

Concen: 0.012 ng

RT: 9.51 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

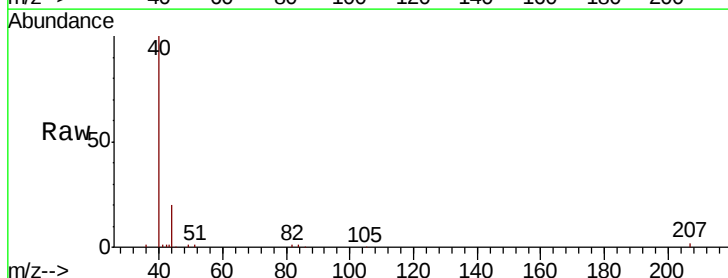
Tgt Ion: 82 Resp: 420

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 15.1 22.7#

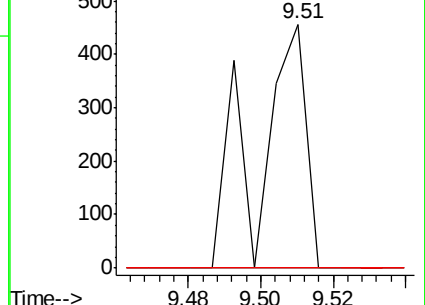
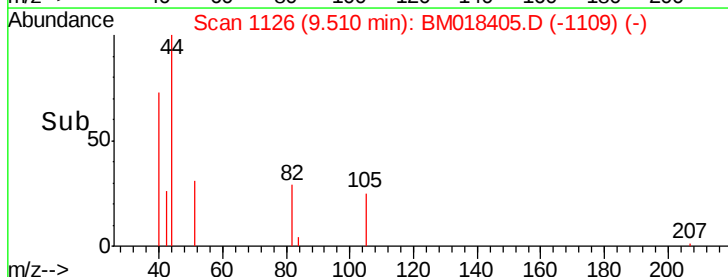


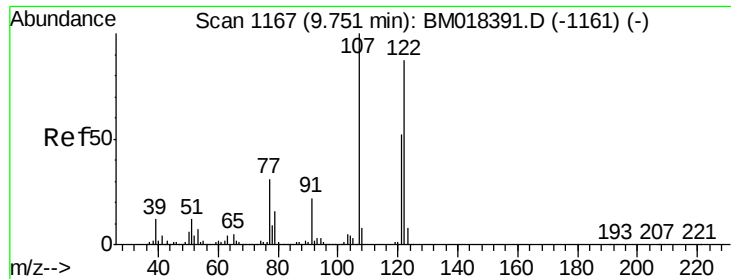
Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM018391.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM018391.D (-1116) (-)

Time-->

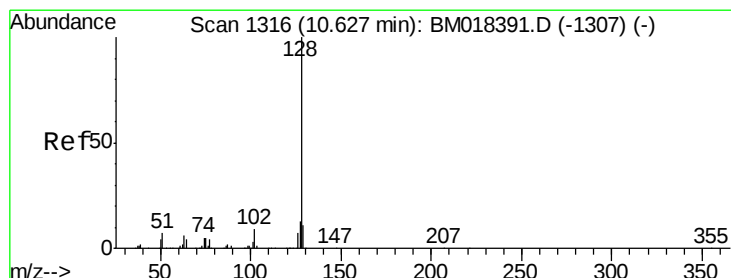
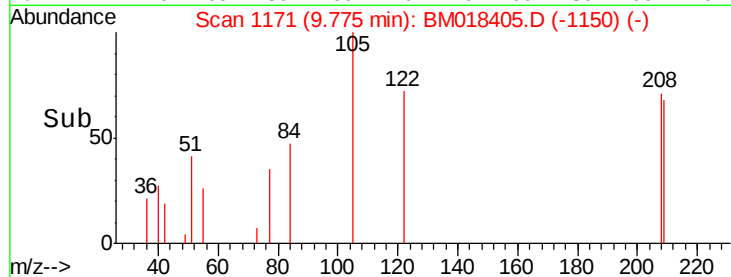
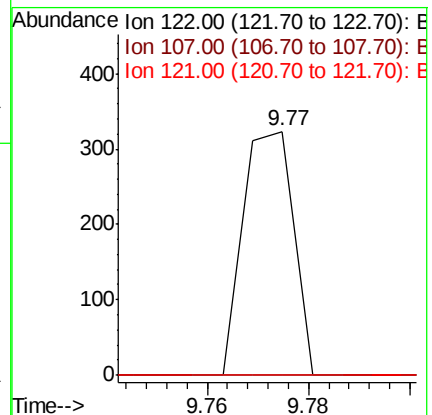
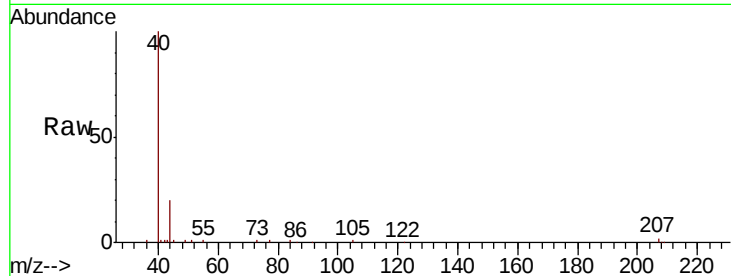




#27
2,4-Dimethylphenol
Concen: 0.015 ng
RT: 9.77 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

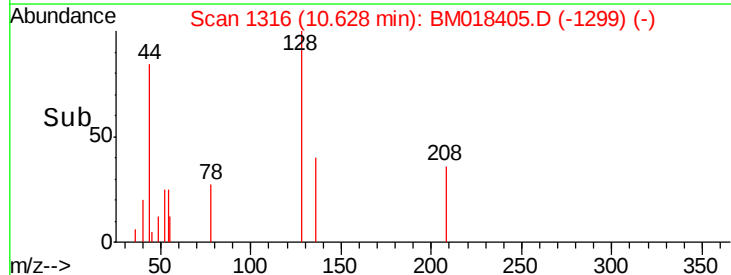
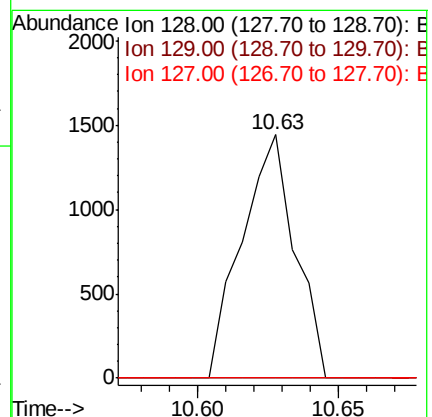
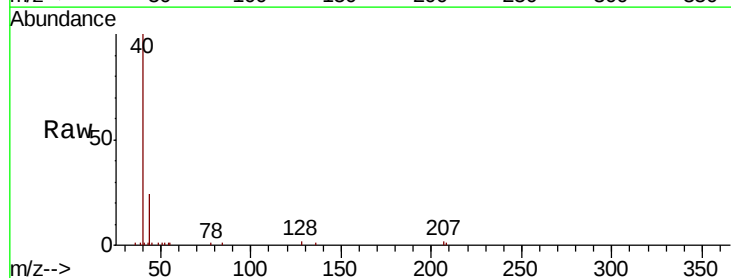
Instrument :
BNA_M
ClientSampleId :
PB116035BL

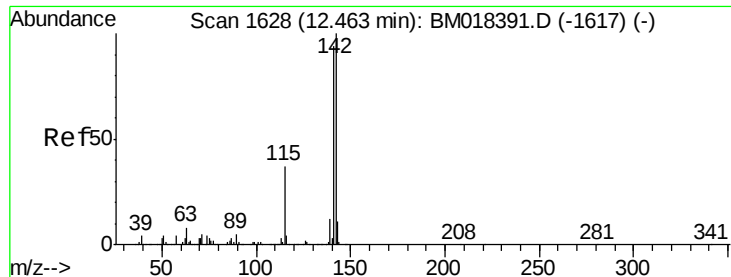
Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.9	137.9#
121	0.0	47.5	71.3#



#31
Naphthalene
Concen: 0.033 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

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

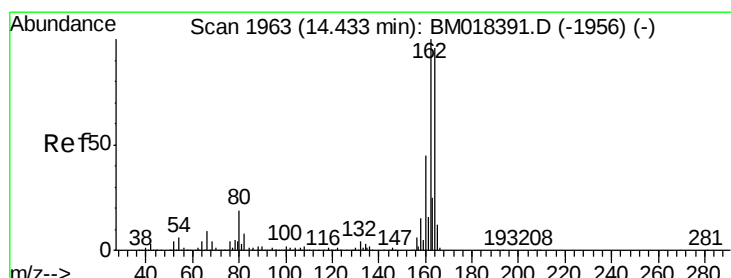
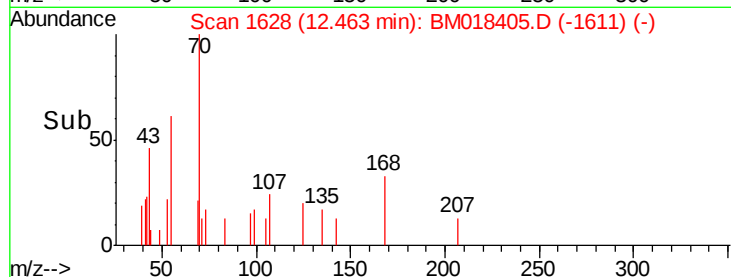
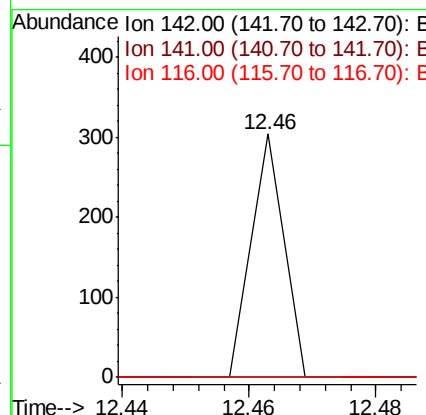
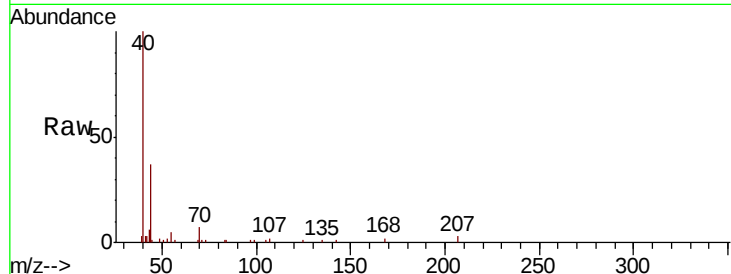




#38
 1-Methylnaphthalene
 Concen: 0.003 ng
 RT: 12.46 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

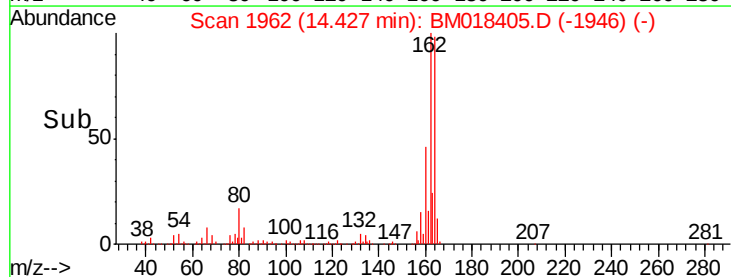
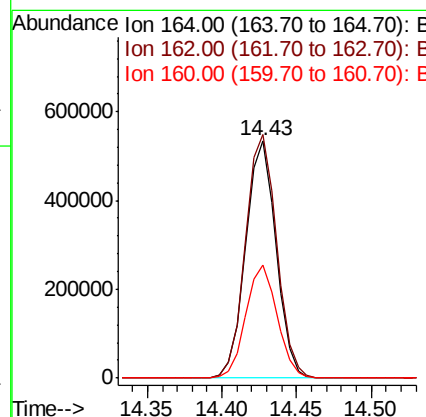
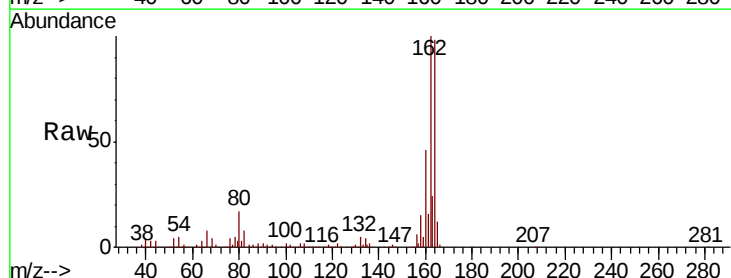
Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

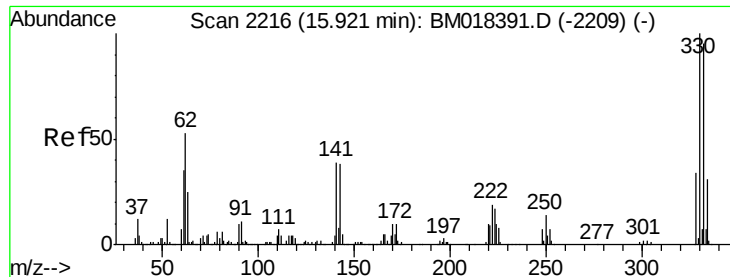
Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	75.6	113.4#
116	0.0	3.0	4.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.43 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.4
160	47.5	37.1	55.7

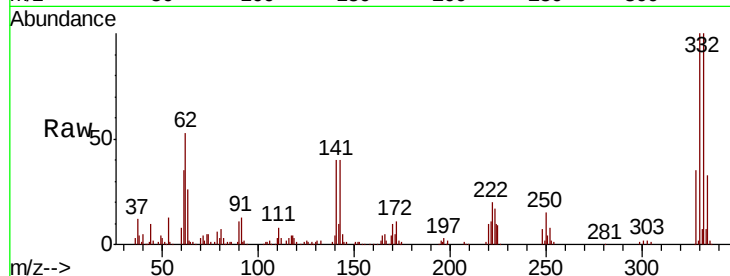




#42
 2,4,6-Tribromophenol
 Concen: 22.005 ng
 RT: 15.92 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	40.4	31.7	47.5

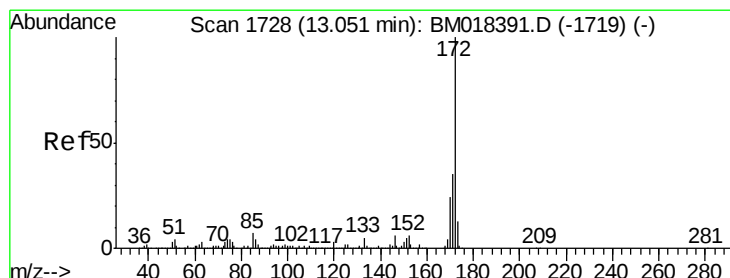
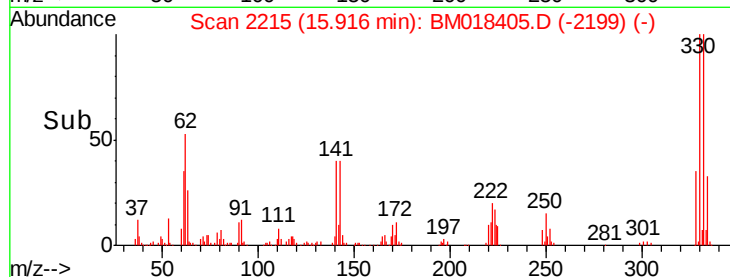
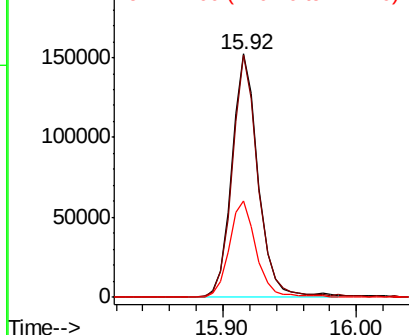


Abundance

Ion 329.80 (329.50 to 330.50): E

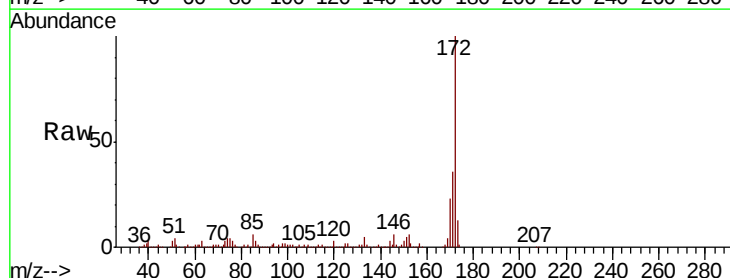
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 25.144 ng
 RT: 13.05 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.1	18.9	28.3

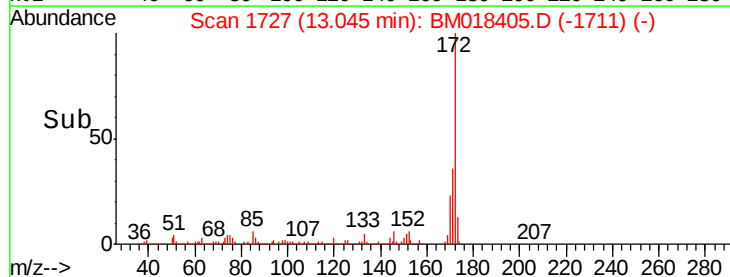
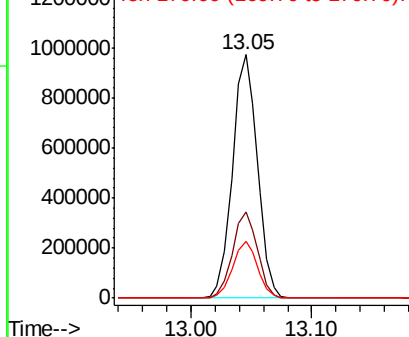


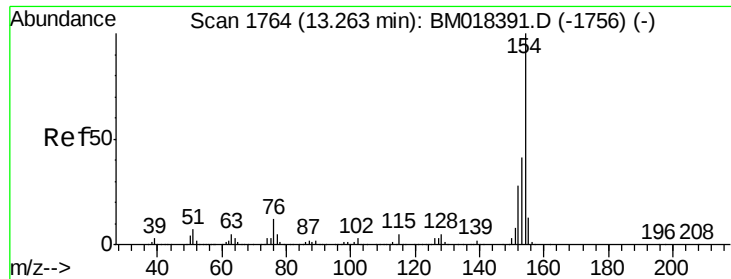
Abundance

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

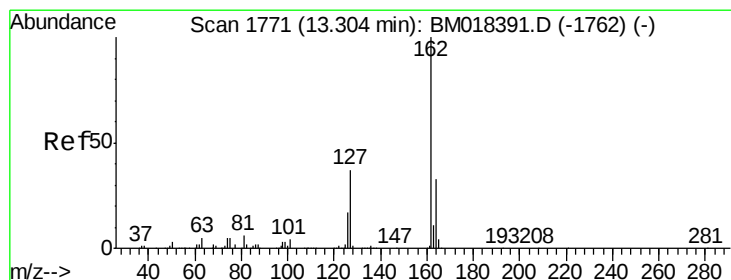
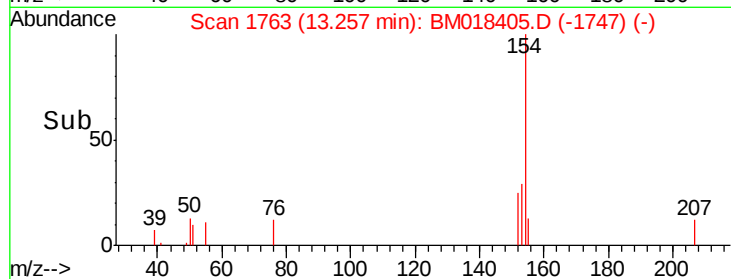
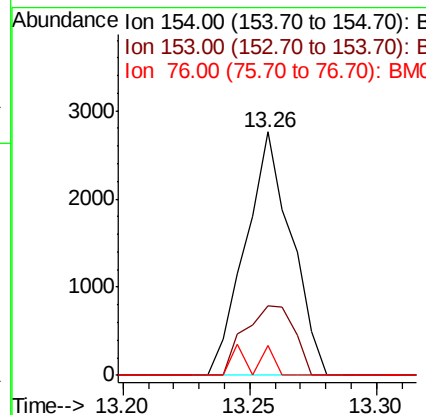
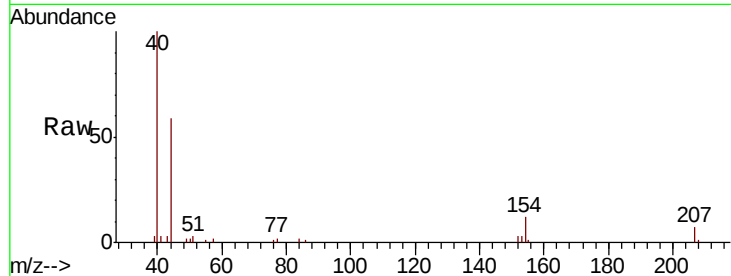




#46
 1,1'-Biphenyl
 Concen: 0.054 ng
 RT: 13.26 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

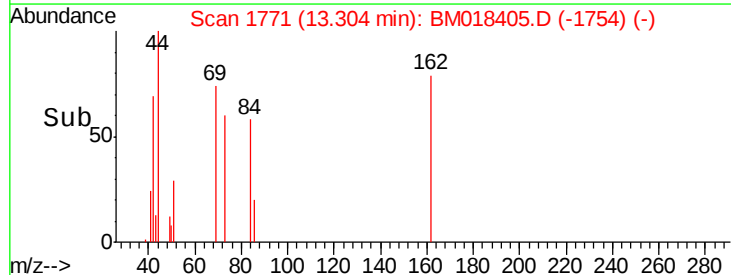
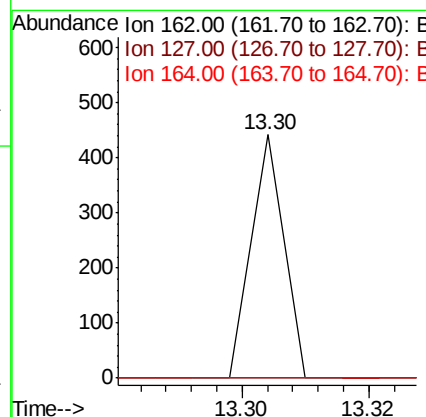
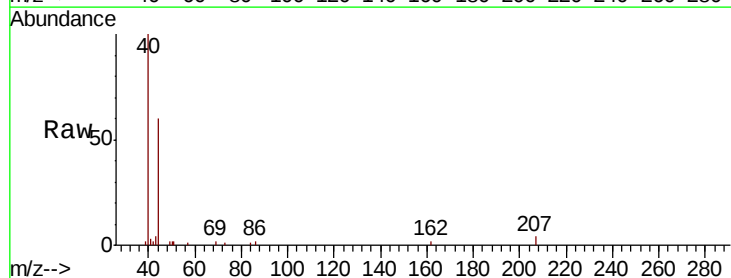
Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

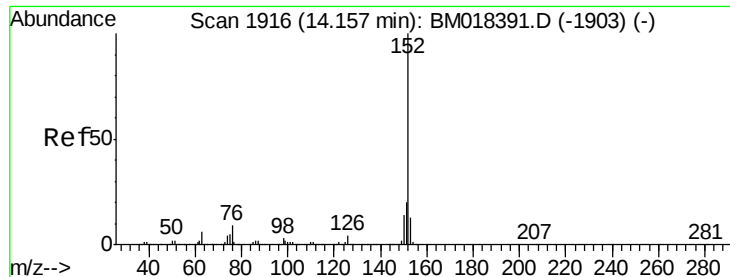
Tgt Ion:	154	Resp:	3497
Ion	Ratio	Lower	Upper
154	100		
153	28.7	20.5	60.5
76	12.1	0.0	31.9



#47
 2-Chloronaphthalene
 Concen: 0.003 ng
 RT: 13.30 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

Tgt Ion:	162	Resp:	156
Ion	Ratio	Lower	Upper
162	100		
127	0.0	31.4	47.0#
164	0.0	26.2	39.4#





#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.16 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

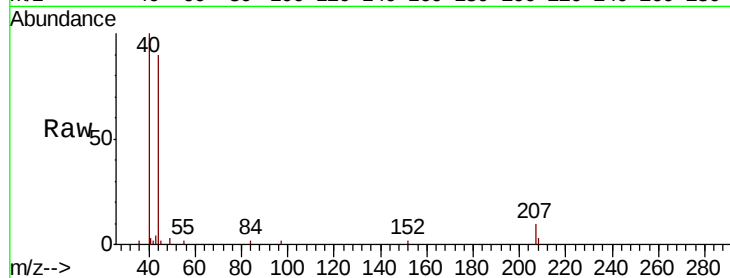
Tgt Ion:152 Resp: 279

Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

153 0.0 10.5 15.7#



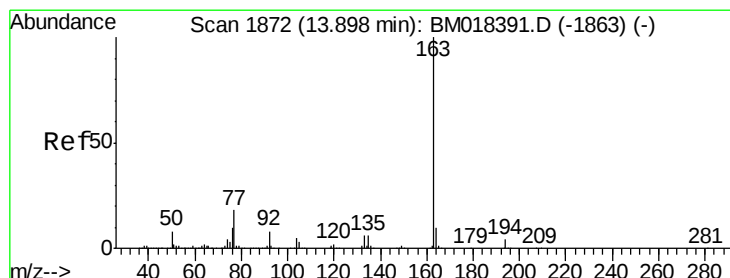
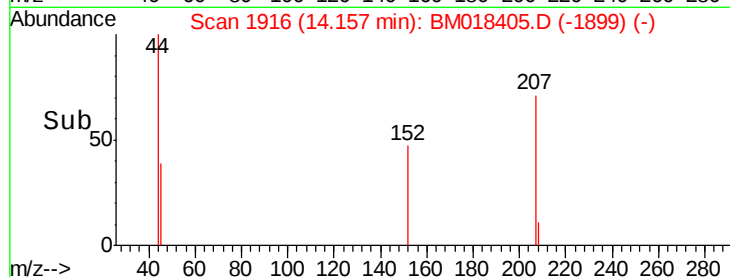
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.16

Time-->



#50

Dimethylphthalate

Concen: 0.004 ng

RT: 13.89 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

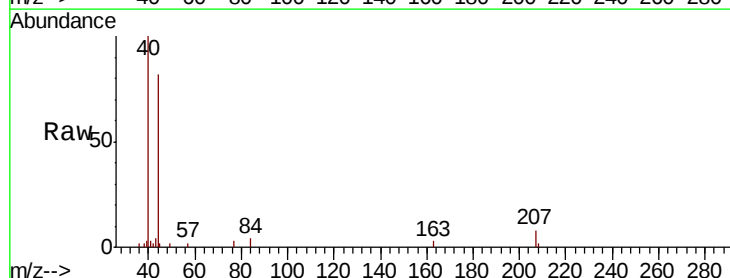
Tgt Ion:163 Resp: 280

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 0.0 7.8 11.8#



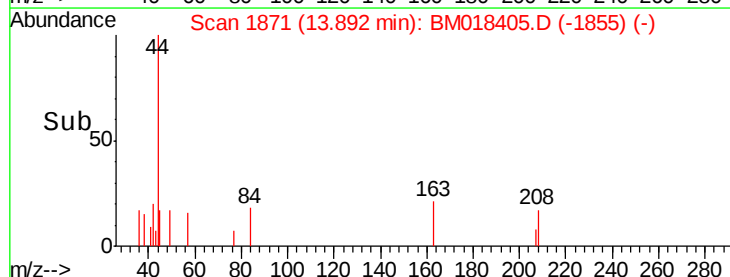
Abundance Ion 163.00 (162.70 to 163.70): E

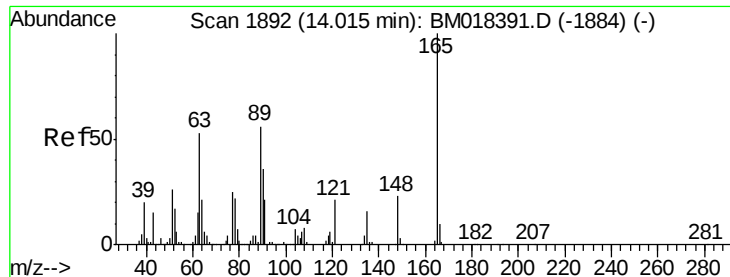
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.89

Time-->

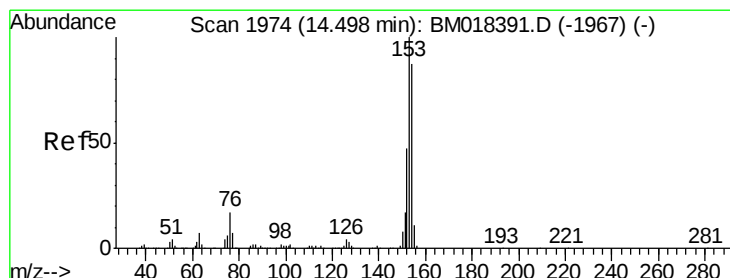
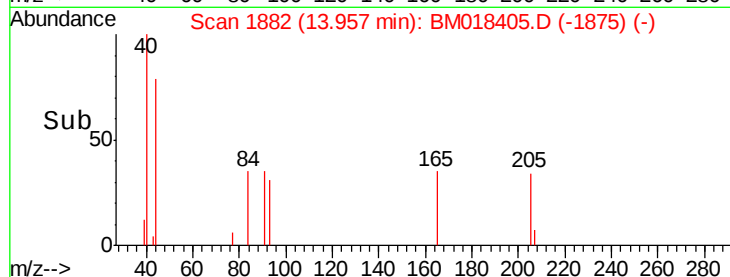
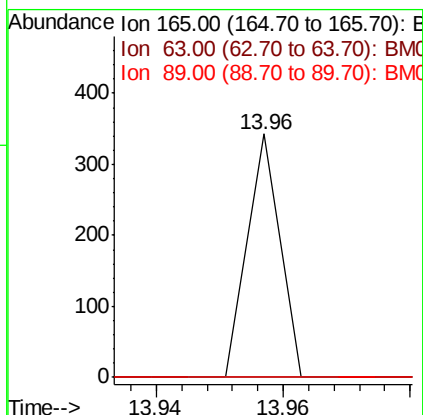
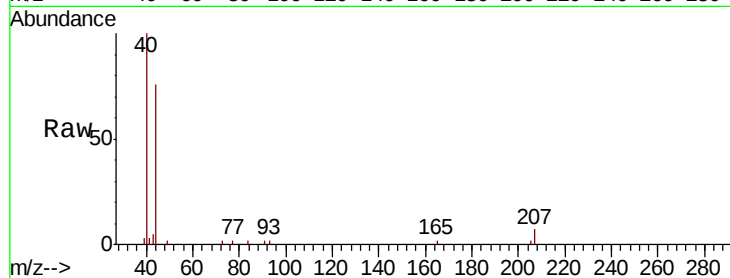




#51
2,6-Dinitrotoluene
Concen: 0.009 ng
RT: 13.96 min Scan# 1882
Delta R.T. -0.06 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

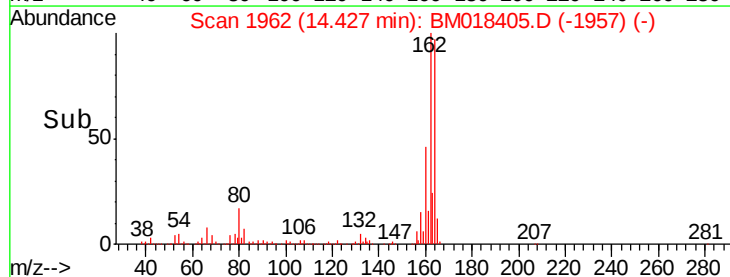
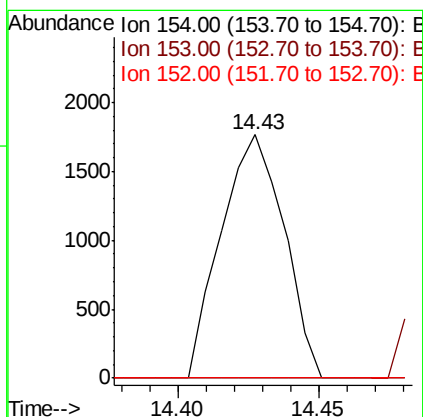
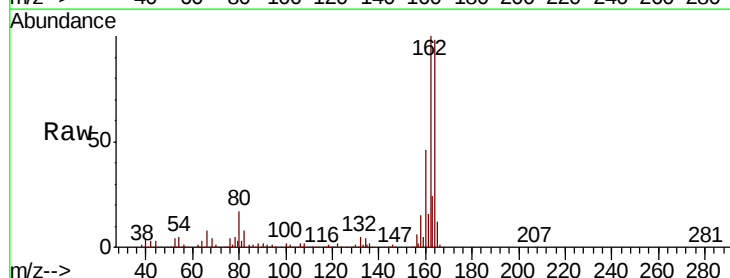
Instrument :
BNA_M
ClientSampleId :
PB116035BL

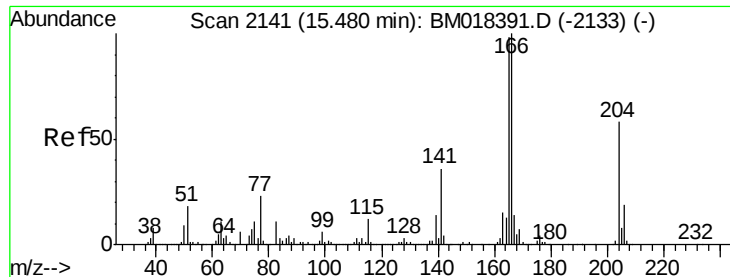
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.6	68.4#
89	0.0	44.6	66.8#



#52
Acenaphthene
Concen: 0.060 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.07 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	92.3	138.5#
152	0.0	43.8	65.6#





#58

Fluorene

Concen: 0.007 ng

RT: 15.47 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

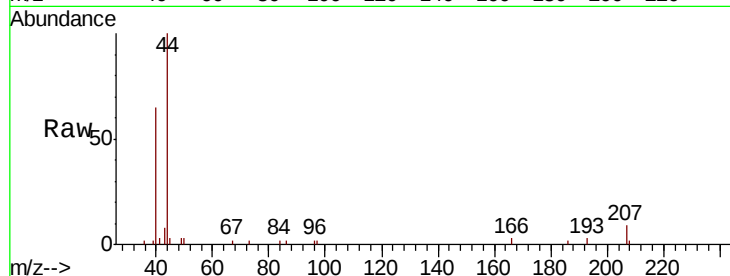
Tgt Ion:166 Resp: 430

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

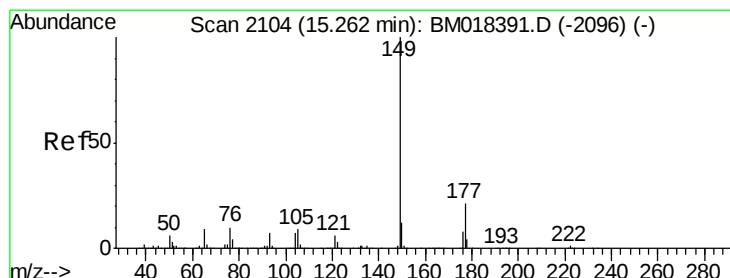
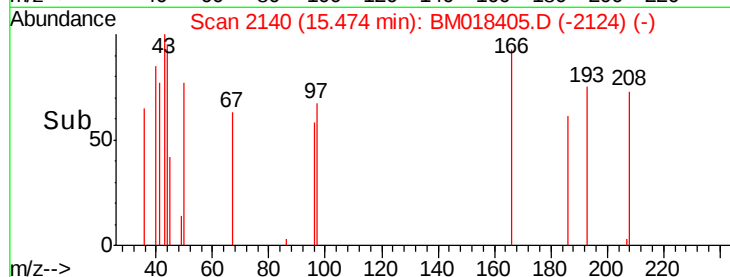
15.47

400

200

0

Time--> 15.44 15.46 15.48 15.50



#60

Diethylphthalate

Concen: 0.154 ng

RT: 15.25 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

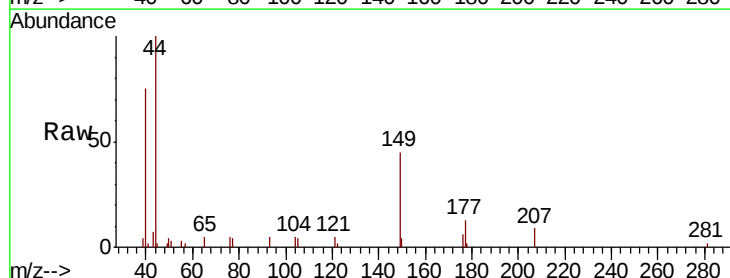
Tgt Ion:149 Resp: 10116

Ion Ratio Lower Upper

149 100

177 29.1 17.1 25.7#

150 9.4 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

15.25

8000

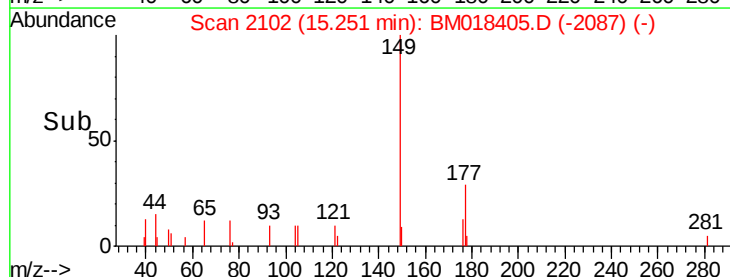
6000

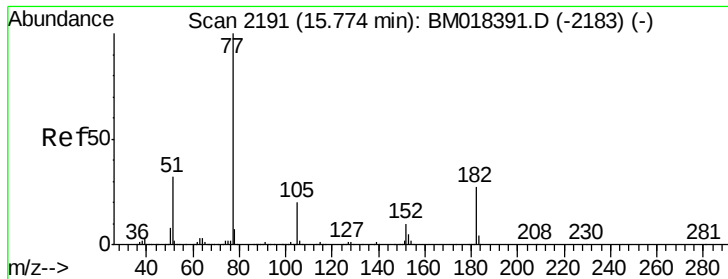
4000

2000

0

Time--> 15.20 15.25 15.30

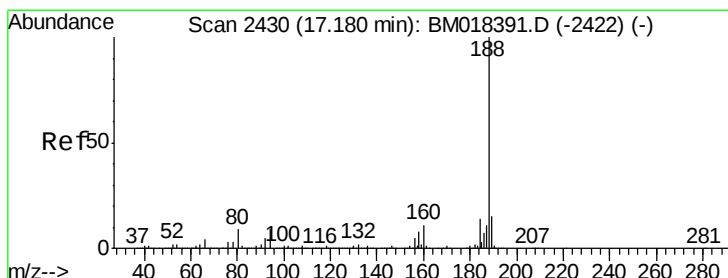
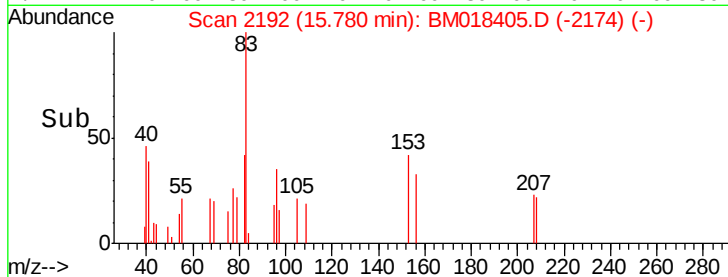
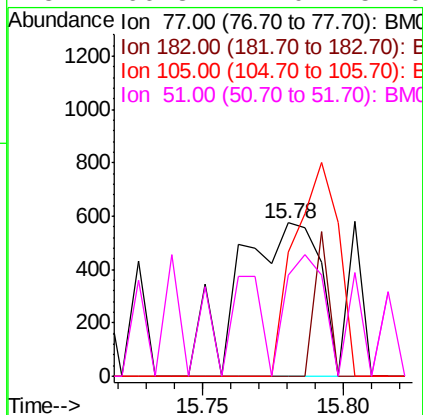
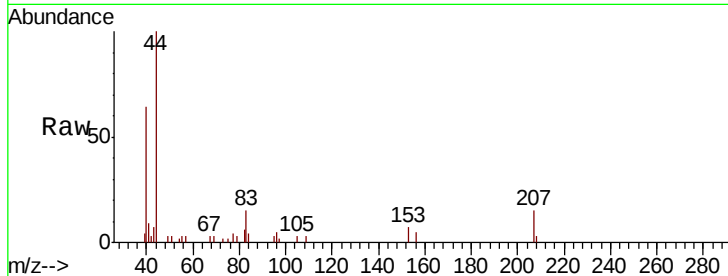




#63
Azobenzene
Concen: 0.019 ng
RT: 15.78 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

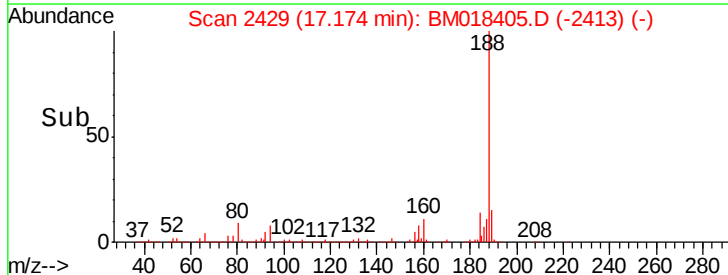
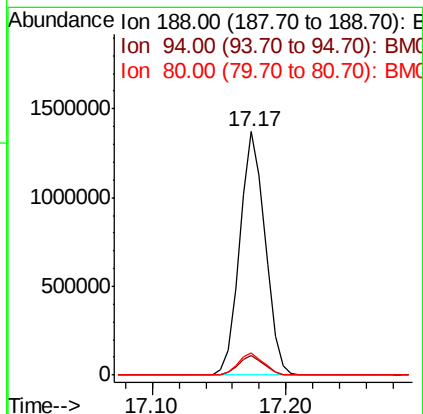
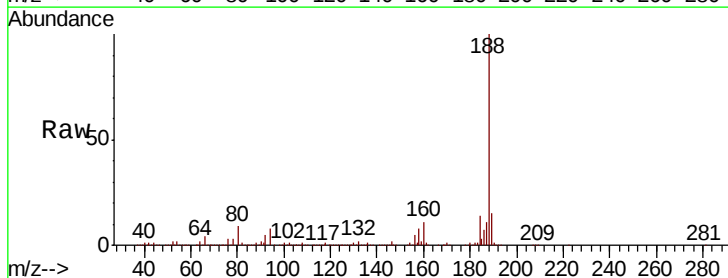
Instrument :
BNA_M
ClientSampleId :
PB116035BL

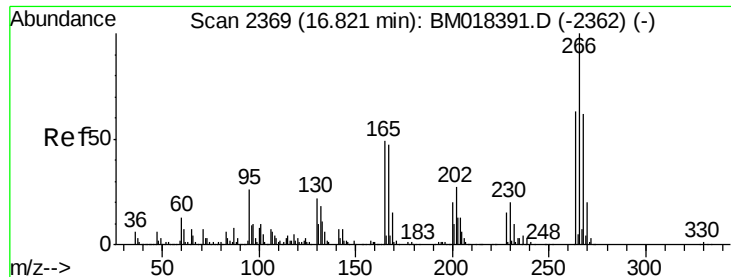
Tgt Ion: 77 Resp: 1166
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 81.2 0.0 39.6#
51 66.3 12.0 52.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

Tgt Ion: 188 Resp: 1800782
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 9.3 7.6 11.4

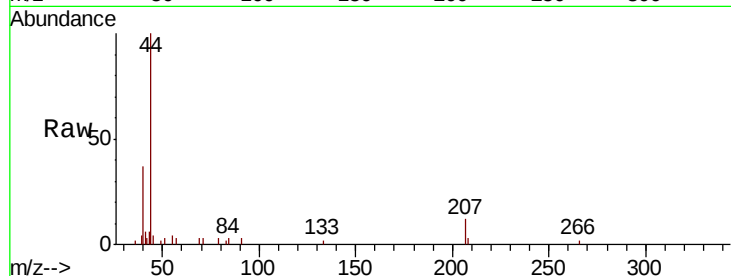




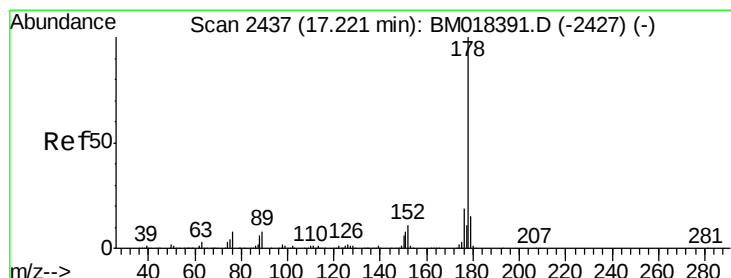
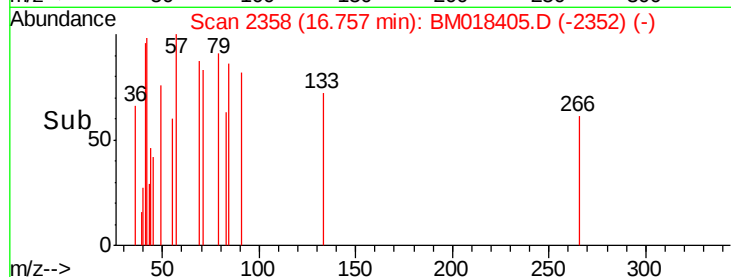
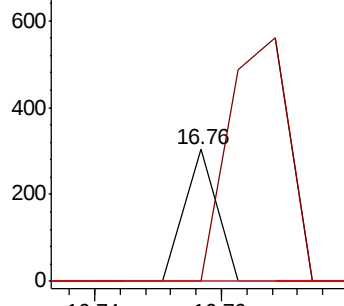
#70
 Pentachlorophenol
 Concen: 0.008 ng
 RT: 16.76 min Scan# 2358
 Delta R.T. -0.06 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

Tgt Ion: 266 Resp: 107
 Ion Ratio Lower Upper
 266 100
 268 0.0 49.8 74.6#
 264 0.0 50.1 75.1#

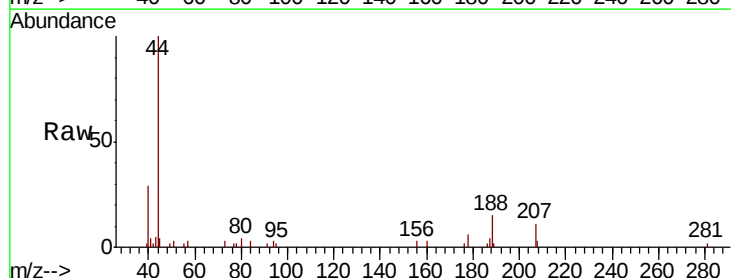


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

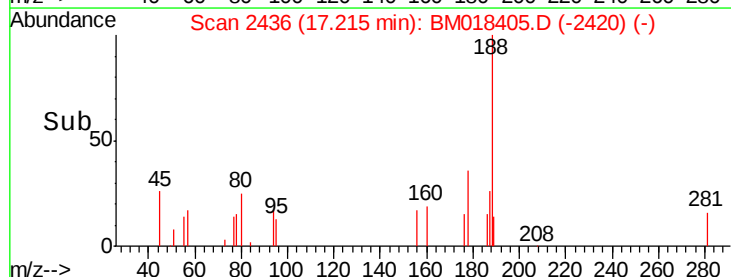
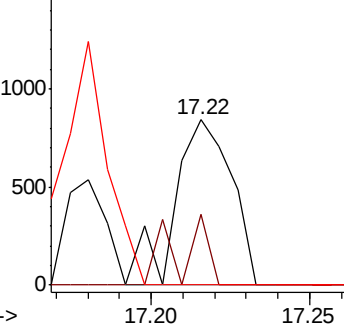


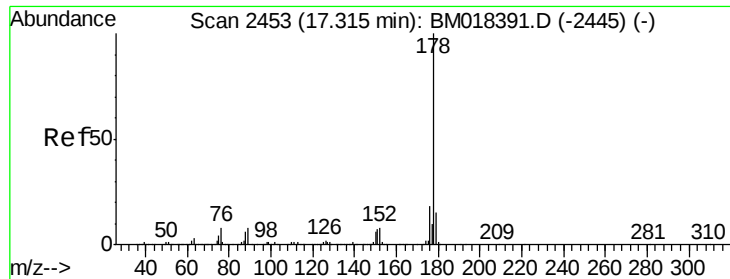
#71
 Phenanthrene
 Concen: 0.011 ng
 RT: 17.22 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

Tgt Ion: 178 Resp: 1050
 Ion Ratio Lower Upper
 178 100
 176 42.5 15.4 23.0#
 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





#72

Anthracene

Concen: 0.003 ng

RT: 17.30 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

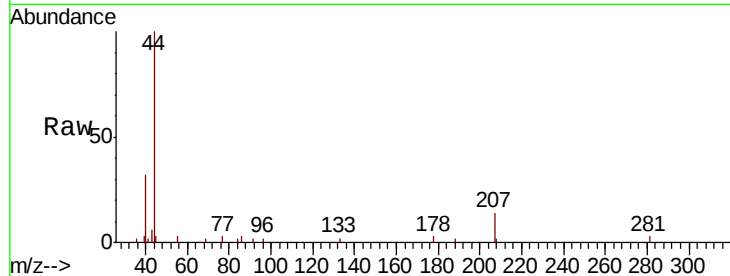
Tgt Ion:178 Resp: 312

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

17.30

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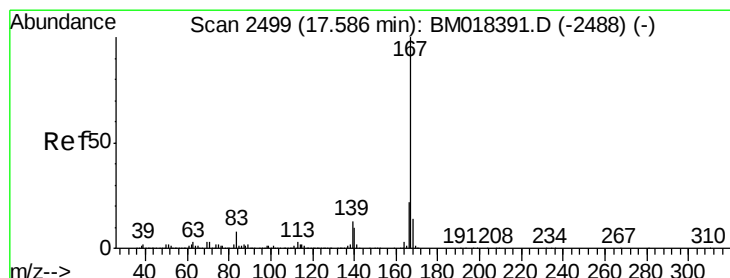
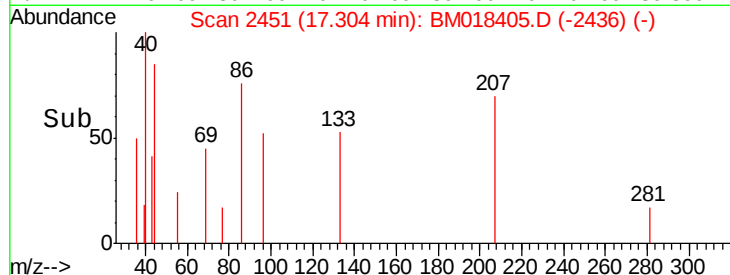
17.30

17.30

17.30

17.30

17.30



#73

Carbazole

Concen: 0.001 ng

RT: 17.58 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

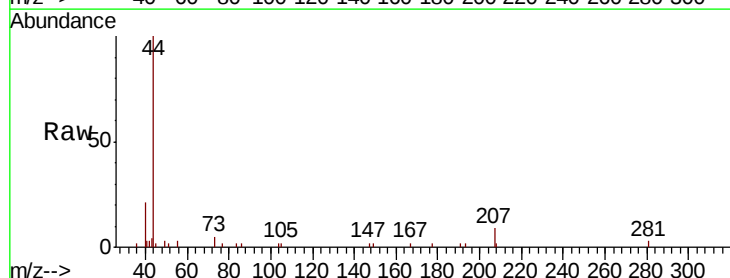
Tgt Ion:167 Resp: 137

Ion Ratio Lower Upper

167 100

166 0.0 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

17.58

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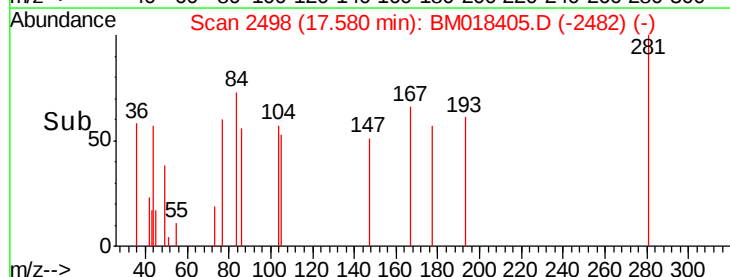
17.58

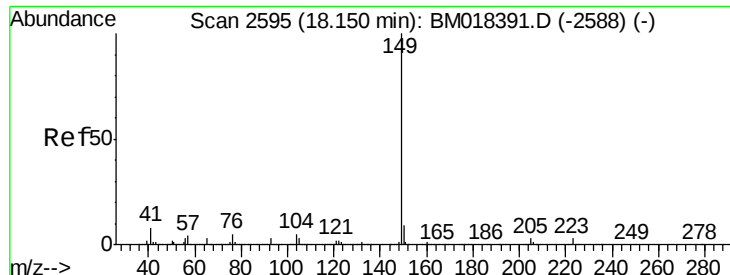
17.58

17.58

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17.58

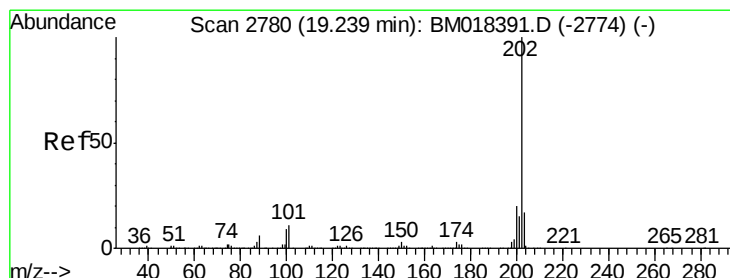
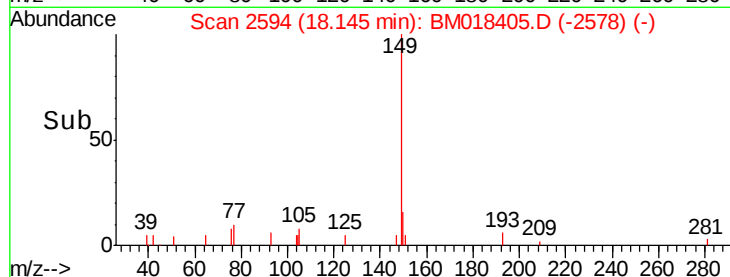
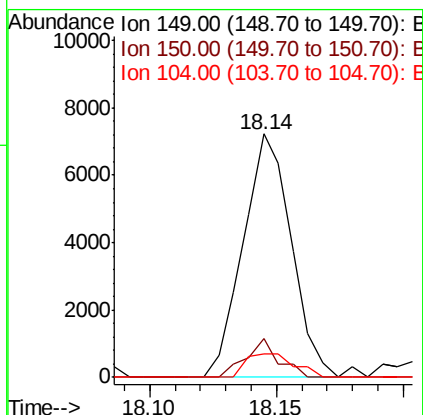
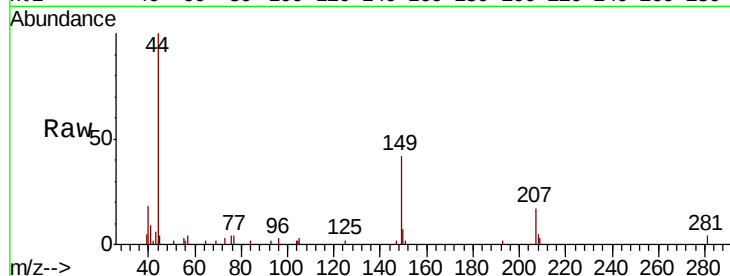




#74
Di-n-butylphthalate
Concen: 0.084 ng
RT: 18.14 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

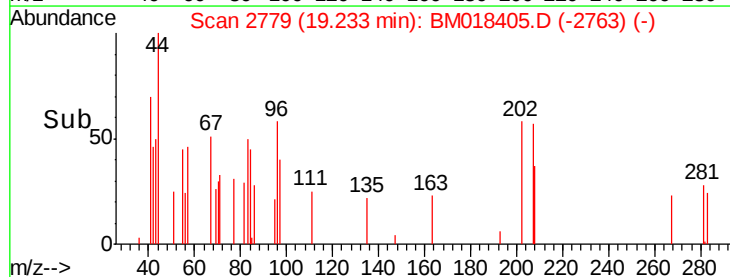
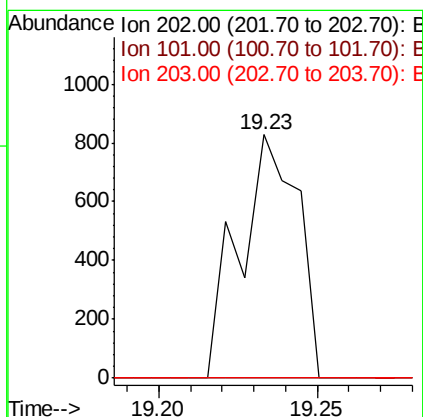
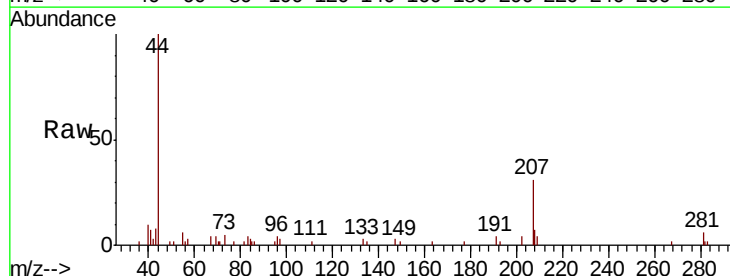
Instrument :
BNA_M
ClientSampleId :
PB116035BL

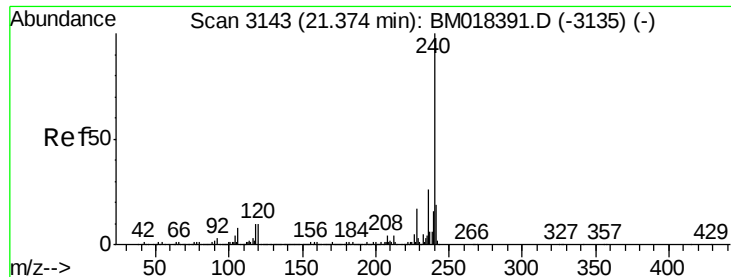
Tgt Ion:149 Resp: 9554
Ion Ratio Lower Upper
149 100
150 15.7 7.3 10.9#
104 9.7 4.2 6.4#



#75
Fluoranthene
Concen: 0.009 ng
RT: 19.23 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

Tgt Ion:202 Resp: 1061
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.9
203 0.0 0.0 37.4

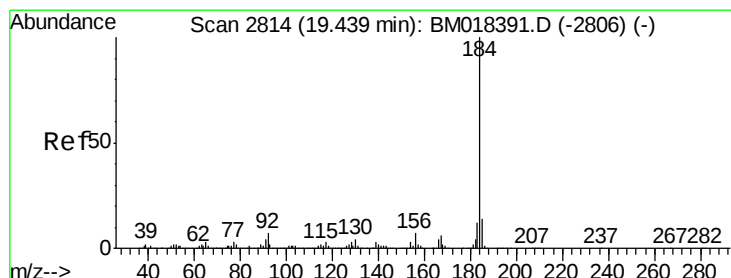
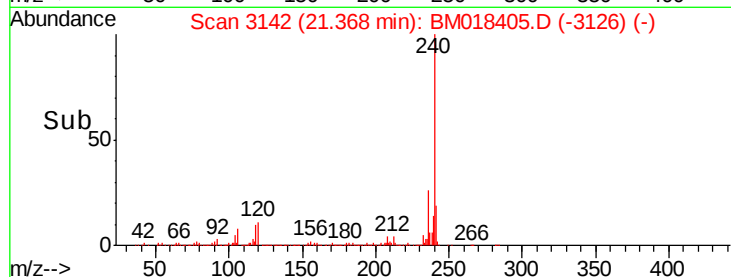
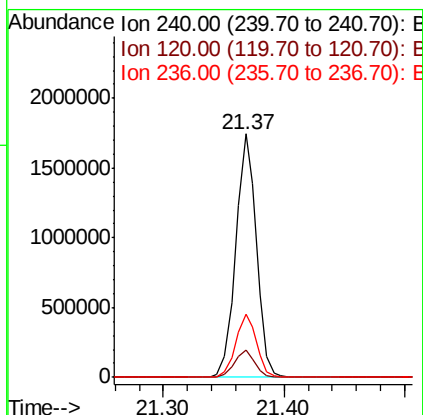
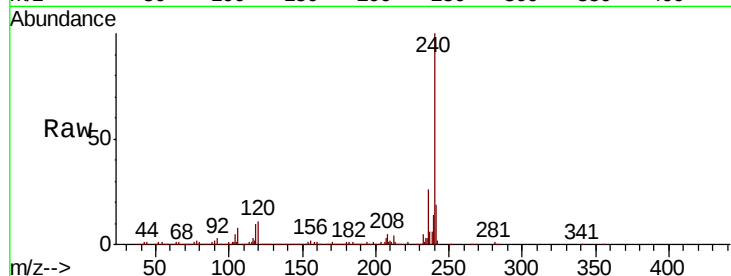




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

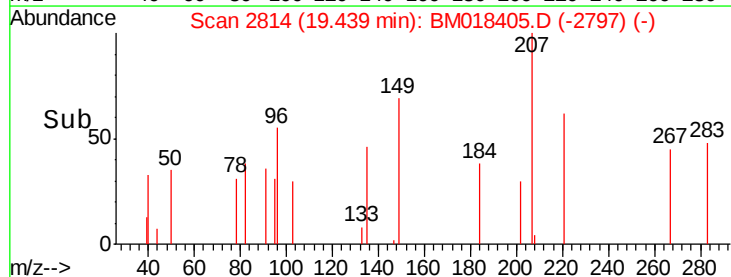
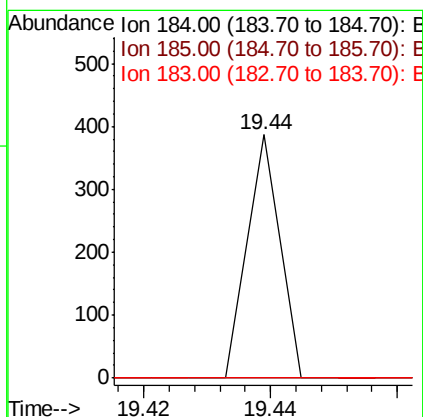
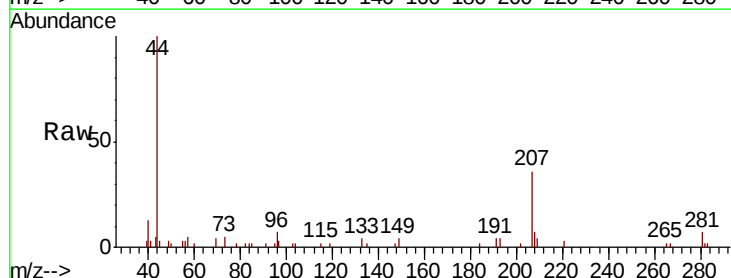
Instrument :
BNA_M
ClientSampleId :
PB116035BL

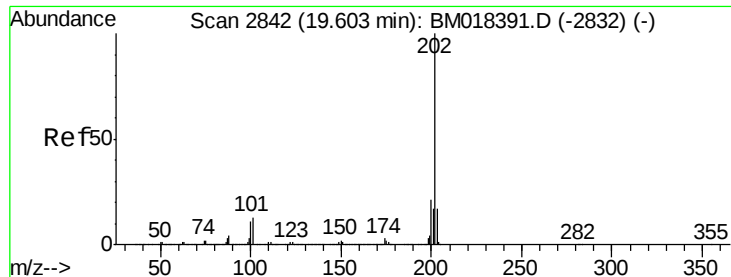
Tgt Ion:240 Resp: 2076818
Ion Ratio Lower Upper
240 100
120 11.1 8.4 12.6
236 26.2 20.7 31.1



#77
Benzidine
Concen: 0.002 ng
RT: 19.44 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

Tgt Ion:184 Resp: 137
Ion Ratio Lower Upper
184 100
185 0.0 11.4 17.0#
183 0.0 9.5 14.3#

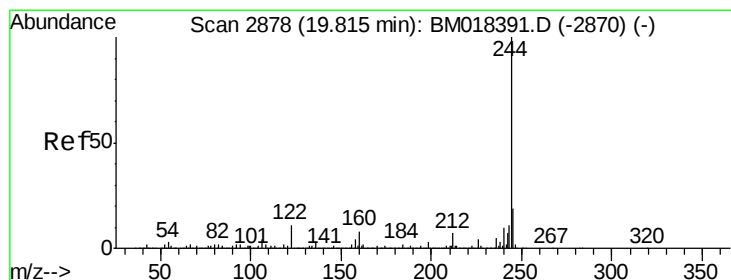
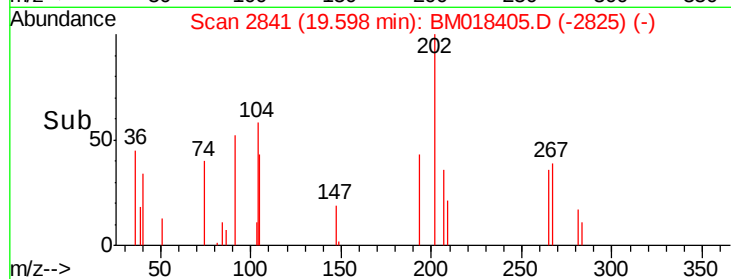
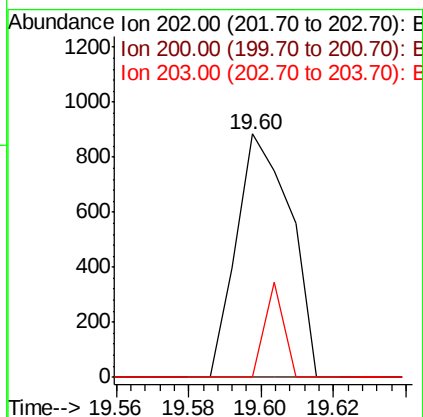
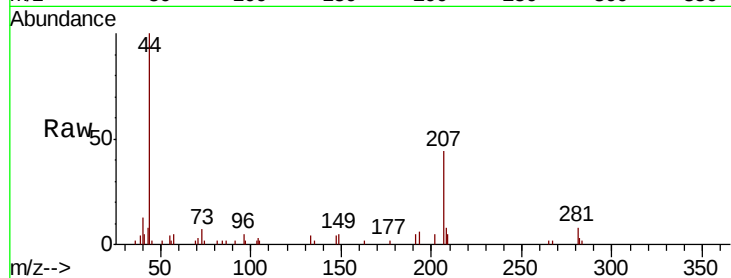




#78
 Pyrene
 Concen: 0.008 ng
 RT: 19.60 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

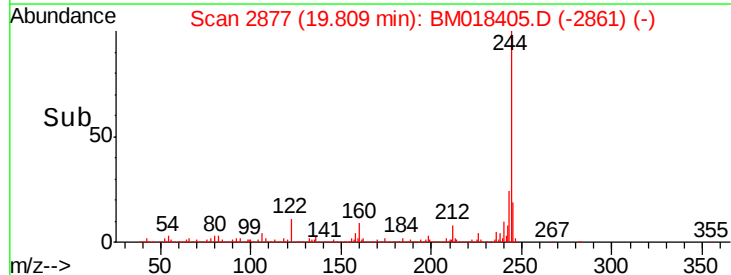
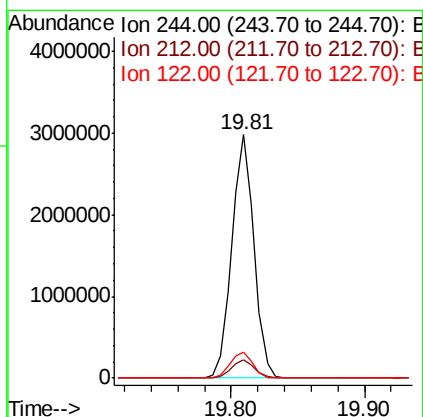
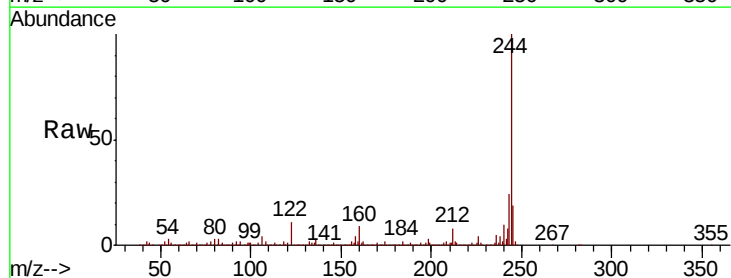
Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

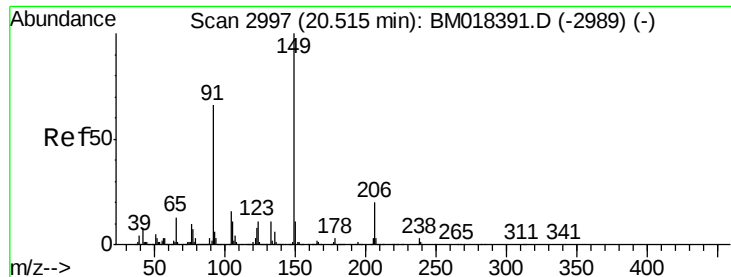
Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.6	24.8#
203	0.0	13.8	20.8#



#79
 Terphenyl-d14
 Concen: 35.512 ng
 RT: 19.81 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	10.6	9.0	13.4

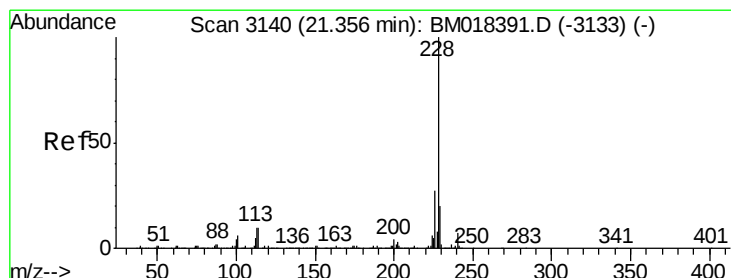
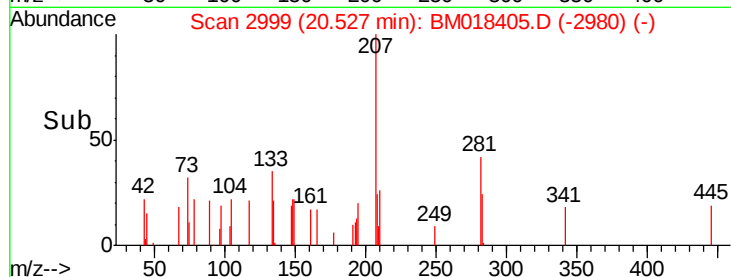
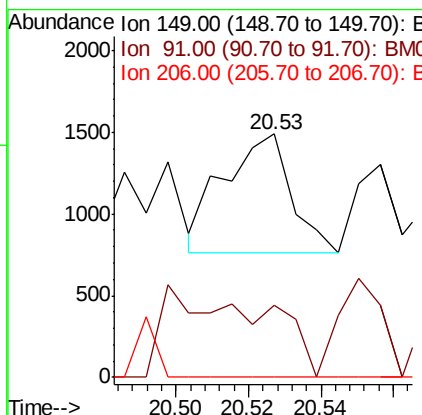
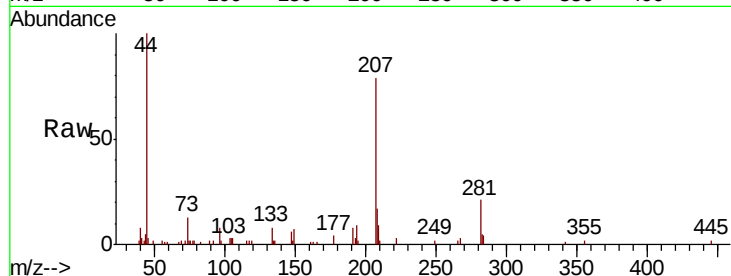




#80
Butylbenzylphthalate
Concen: 6.649 ng
RT: 20.53 min Scan# 2999
Delta R.T. 0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

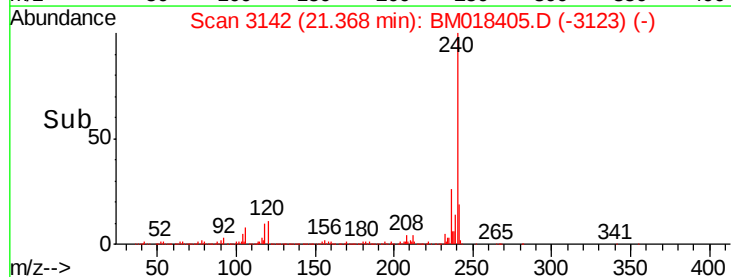
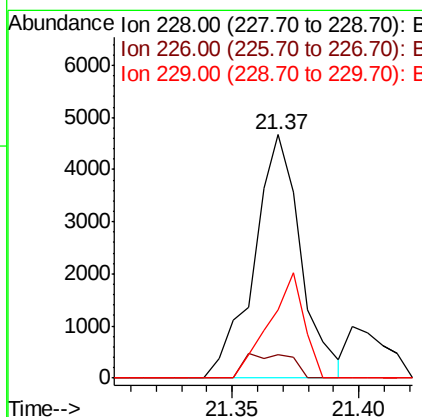
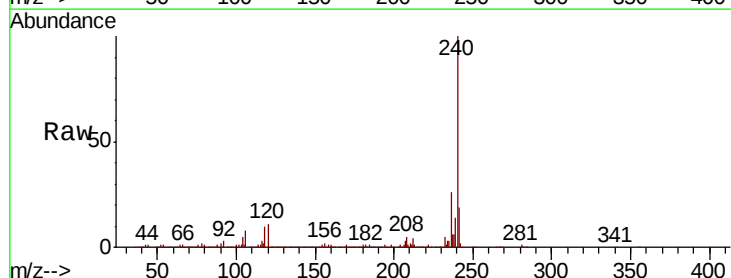
Instrument :
BNA_M
ClientSampleId :
PB116035BL

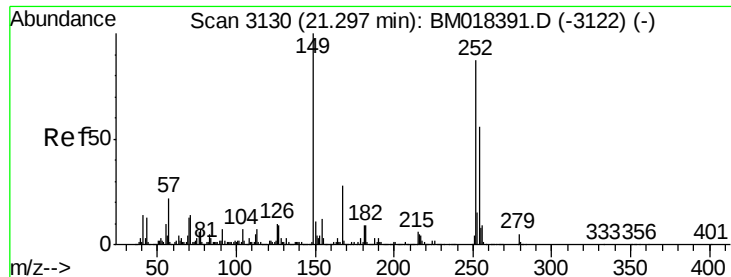
Tgt Ion:149 Resp: 939
Ion Ratio Lower Upper
149 100
91 29.5 53.1 79.7#
206 0.0 16.2 24.4#



#81
Benzo(a)anthracene
Concen: 0.049 ng
RT: 21.37 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BM018405.D
Acq: 27 Dec 2018 20:29

Tgt Ion:228 Resp: 6026
Ion Ratio Lower Upper
228 100
226 9.4 21.8 32.6#
229 28.1 15.8 23.8#

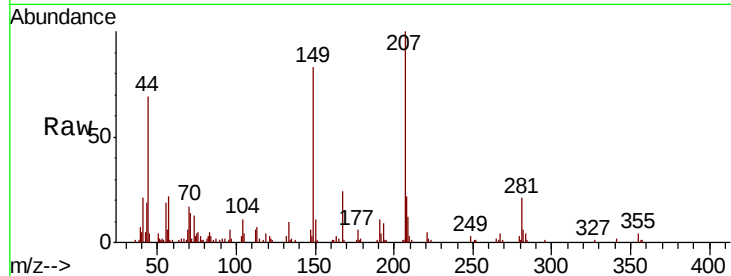




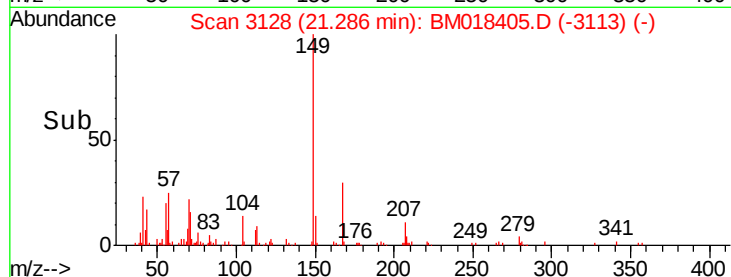
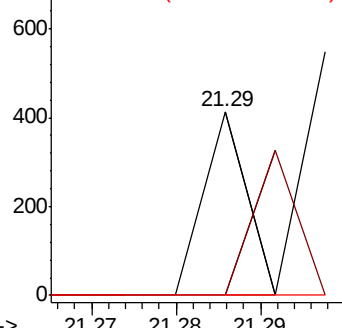
#82
 3,3'-Dichlorobenzidine
 Concen: 0.003 ng
 RT: 21.29 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

Tgt Ion: 252 Resp: 146
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.0#
 126 0.0 8.7 13.1#

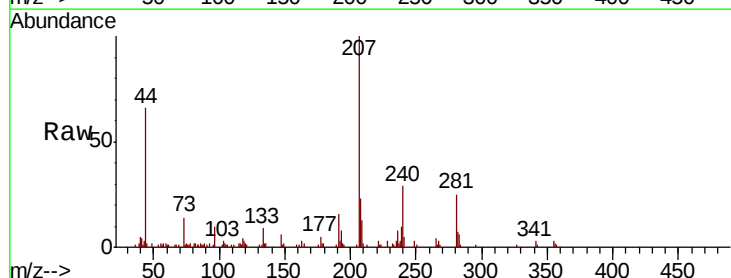
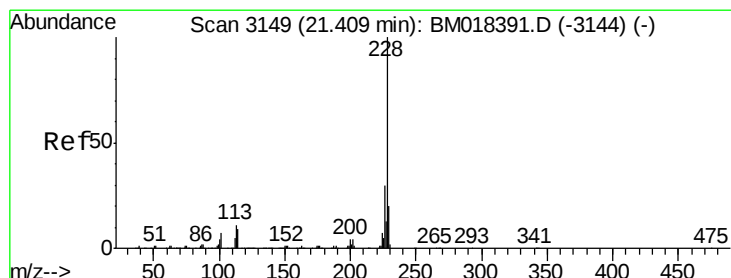


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

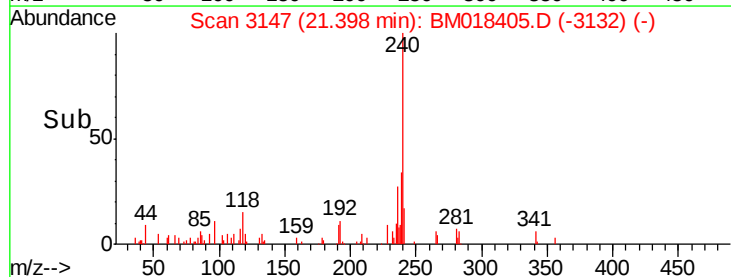
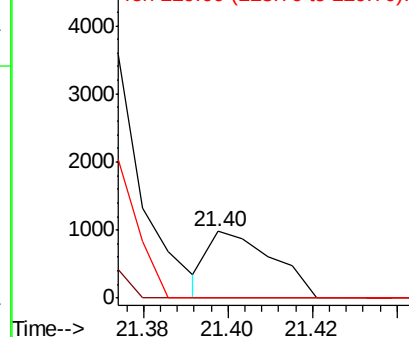


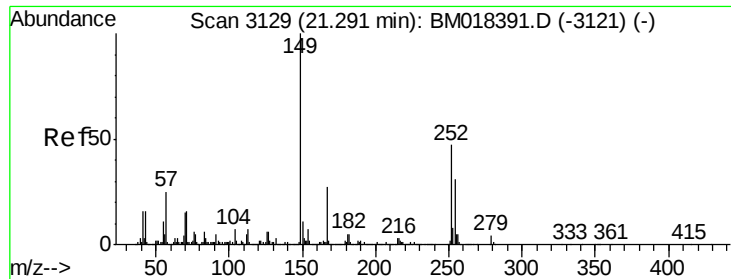
#83
 Chrysene
 Concen: 0.009 ng
 RT: 21.40 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

Tgt Ion: 228 Resp: 1039
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.2 36.2#
 229 0.0 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

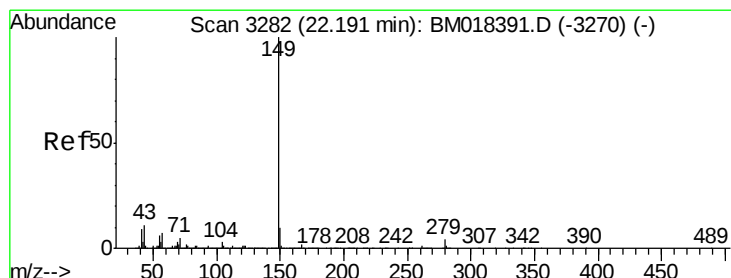
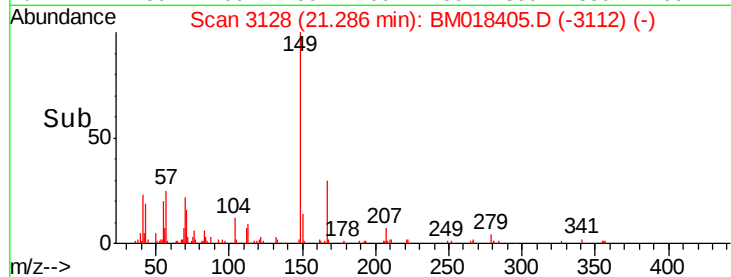
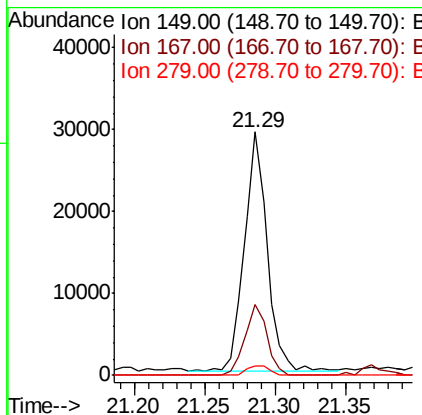
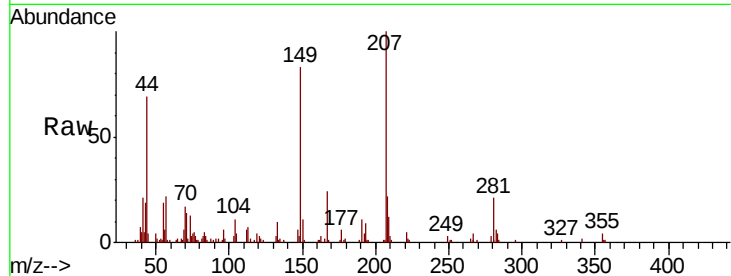




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.409 ng
 RT: 21.29 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

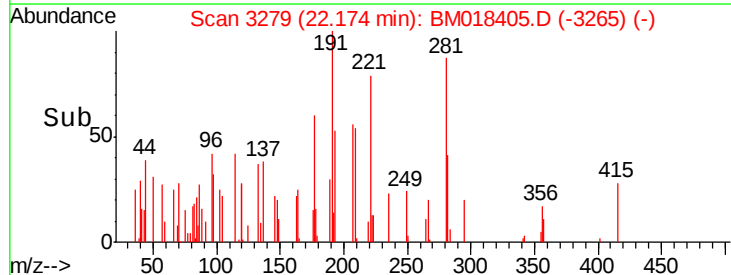
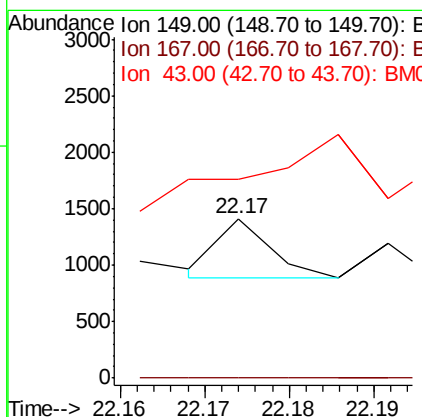
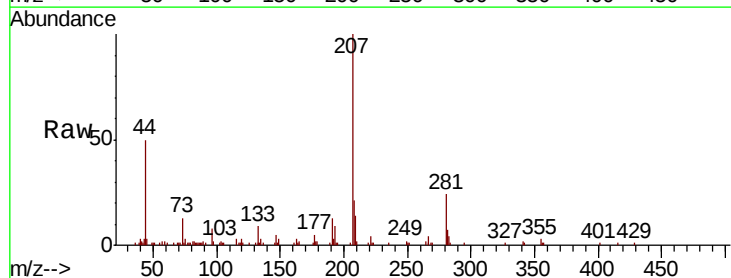
Instrument :
 BNA_M
 ClientSampleId :
 PB116035BL

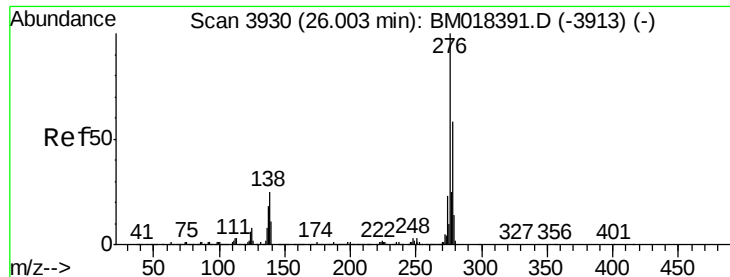
Tgt Ion:149 Resp: 33263
 Ion Ratio Lower Upper
 149 100
 167 29.1 21.6 32.4
 279 4.0 3.3 4.9



#85
 Di-n-octyl phthalate
 Concen: 0.002 ng
 RT: 22.17 min Scan# 3279
 Delta R.T. -0.02 min
 Lab File: BM018405.D
 Acq: 27 Dec 2018 20:29

Tgt Ion:149 Resp: 226
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 269.9 8.6 12.8#





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 25.96 min Scan# 3923

Delta R.T. -0.04 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

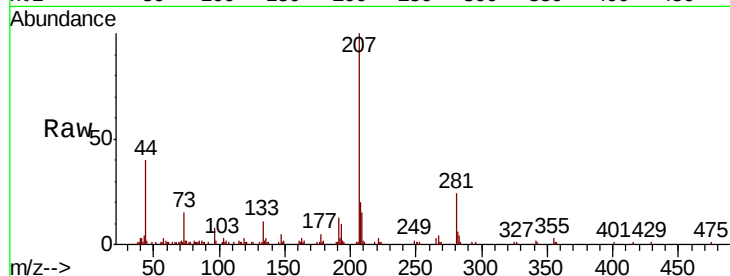
Tgt Ion:276 Resp: 108

Ion Ratio Lower Upper

276 100

138 101.9 21.5 32.3#

277 0.0 20.2 30.2#

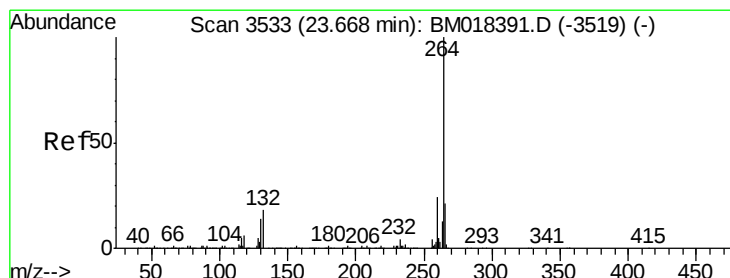
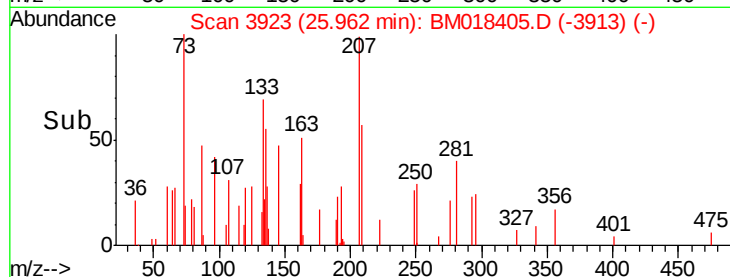
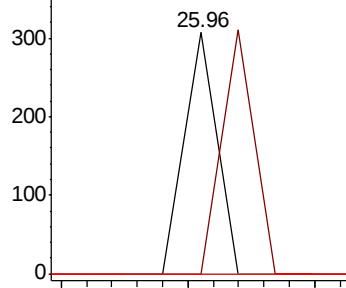


Abundance

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: BM018405.D

Acq: 27 Dec 2018 20:29

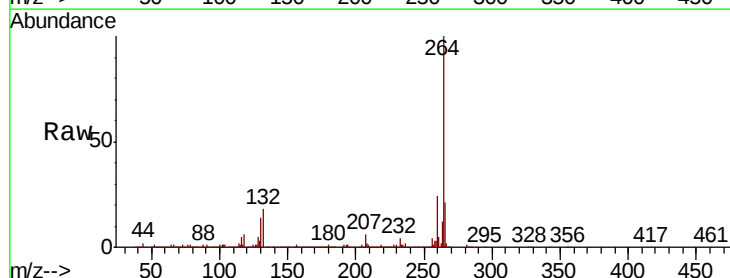
Tgt Ion:264 Resp: 2248722

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.3 16.8 25.2

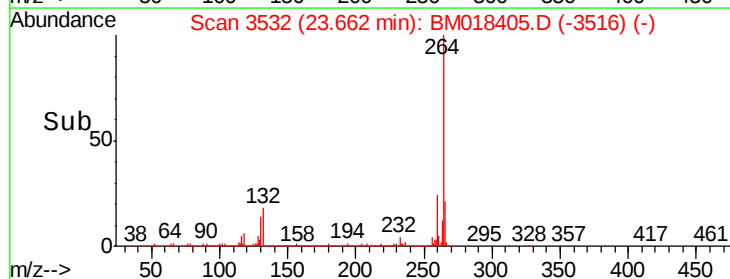
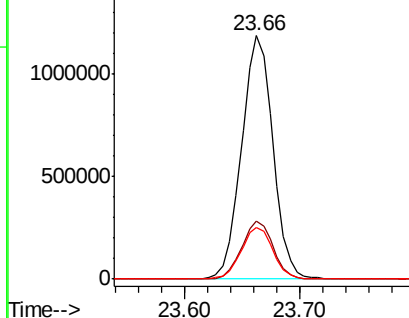


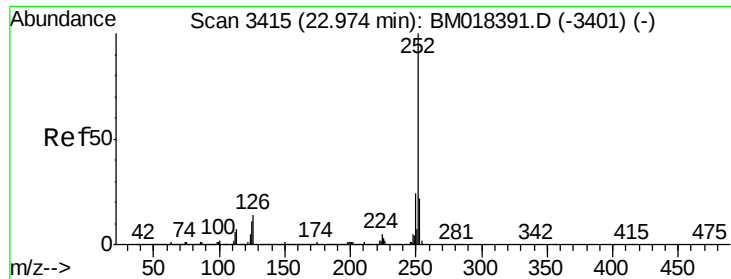
Abundance

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: 0.009 ng

RT: 22.97 min Scan# 3414

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

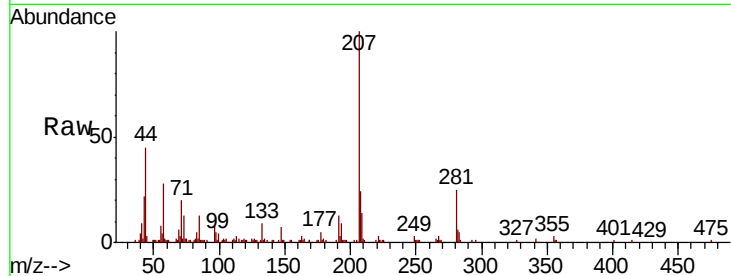
Tgt Ion:252 Resp: 1171

Ion Ratio Lower Upper

252 100

253 58.4 17.6 26.4#

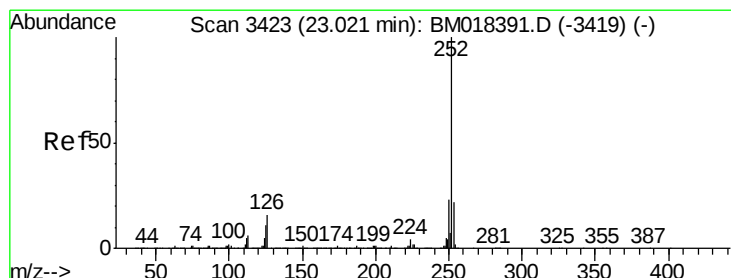
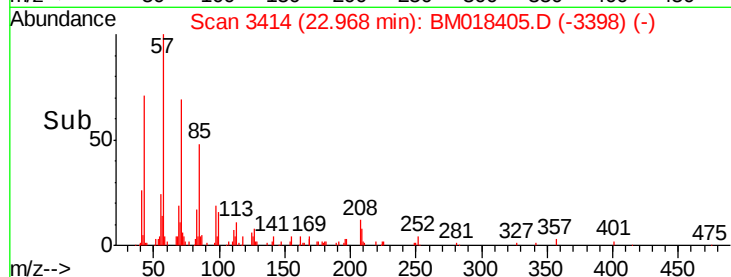
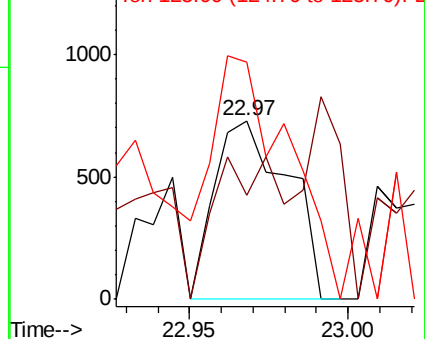
125 133.0 8.5 12.7#



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: 0.006 ng

RT: 23.03 min Scan# 3425

Delta R.T. 0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

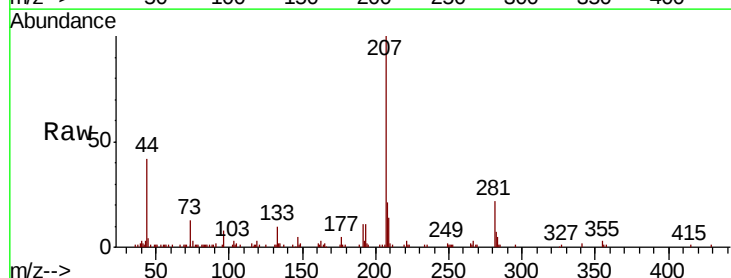
Tgt Ion:252 Resp: 780

Ion Ratio Lower Upper

252 100

253 66.0 17.4 26.0#

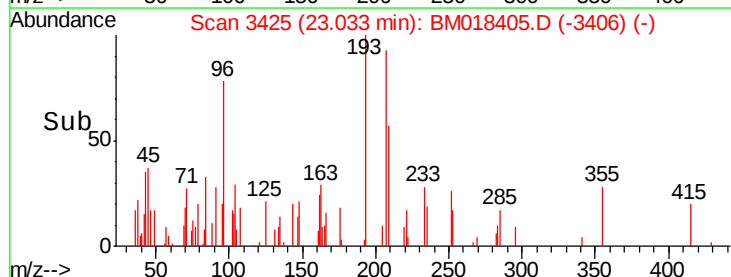
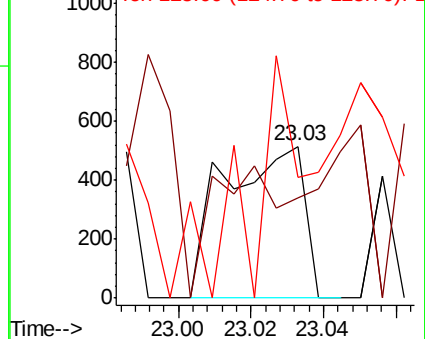
125 79.8 8.6 12.8#

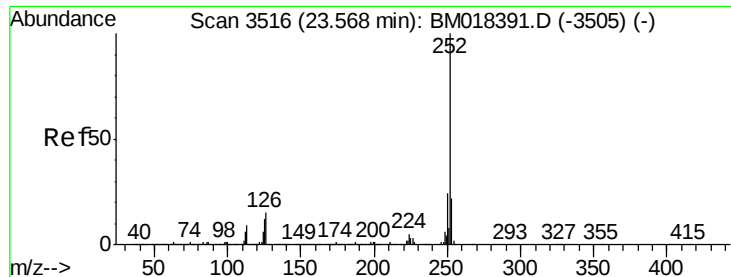


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.010 ng

RT: 23.56 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

Instrument :

BNA_M

ClientSampleId :

PB116035BL

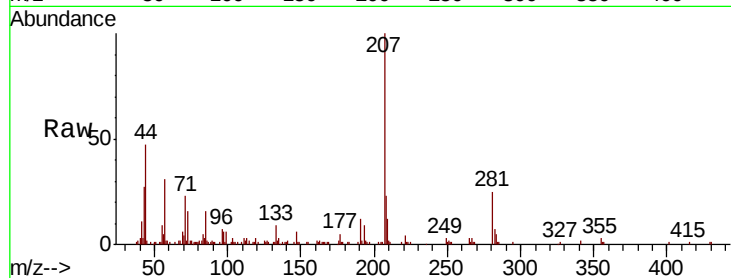
Tgt Ion:252 Resp: 1228

Ion Ratio Lower Upper

252 100

253 63.3 17.5 26.3#

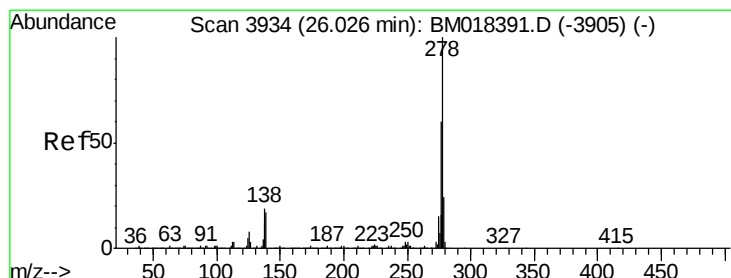
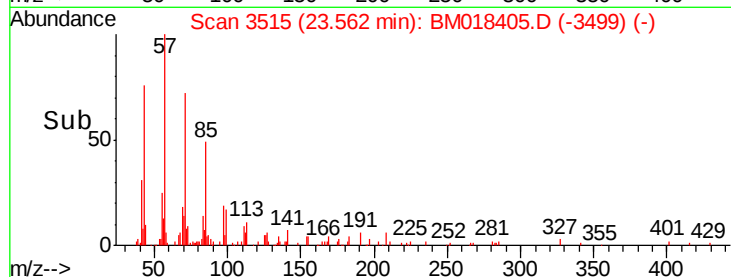
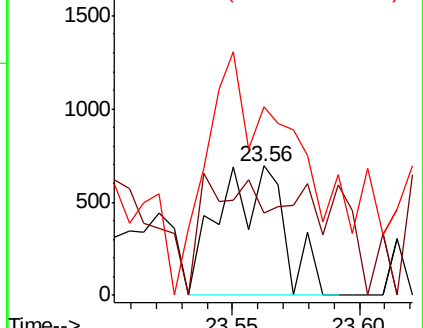
125 146.3 9.7 14.5#



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: 0.001 ng

RT: 26.01 min Scan# 3931

Delta R.T. -0.02 min

Lab File: BM018405.D

Acq: 27 Dec 2018 20:29

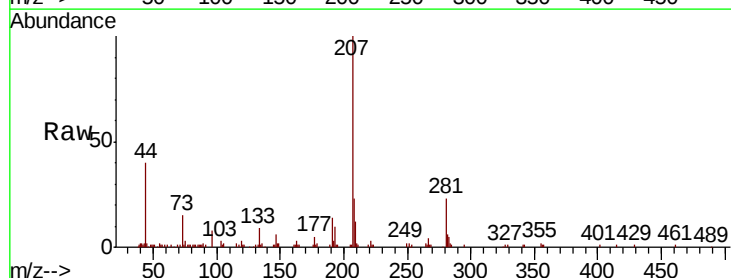
Tgt Ion:278 Resp: 107

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

