

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018411.D
 Acq On : 28 Dec 2018 00:04
 Operator : JU/SJ
 Sample : J6572-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381204024-2

Quant Time: Dec 28 04:08:05 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	363529	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1674069	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1007811	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2349680	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2720626	20.00	ng	-0.01
87) Perylene-d12	23.66	264	2857183	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	168255	8.73	ng	0.00
7) Phenol-d6	6.93	99	162869	6.08	ng	0.00
23) Nitrobenzene-d5	8.94	82	476228	16.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	338277	26.42	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1443240	19.40	ng	0.00
79) Terphenyl-d14	19.80	244	3462791	27.12	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	1207	0.154	ng	# 1
3) Pyridine	3.69	79	547	0.025	ng	# 1
4) n-Nitrosodimethylamine	3.64	42	1031	0.117	ng	# 1
6) Aniline	7.11	93	905	0.027	ng	# 72
9) Benzaldehyde	6.93	77	3854	0.205	ng	# 61
10) Phenol	6.96	94	1061	0.039	ng	# 5
11) bis(2-Chloroethyl)ether	7.22	93	111	0.005	ng	# 20
15) Benzyl Alcohol	8.03	79	564	0.027	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	8.32	45	415	0.012	ng	# 33
18) Hexachloroethane	8.87	117	124	0.013	ng	# 1
19) n-Nitroso-di-n-propylamine	8.56	70	142	0.007	ng	# 1
20) 3+4-Methylphenols	8.53	107	360	0.014	ng	# 6
22) Acetophenone	8.60	105	4079	0.096	ng	# 84
24) Nitrobenzene	8.99	77	572	0.020	ng	# 38
25) Isophorone	9.49	82	856	0.017	ng	# 64
27) 2,4-Dimethylphenol	9.77	122	115	0.005	ng	# 3
28) bis(2-Chloroethoxy)methane	9.99	93	112	0.004	ng	# 4
31) Naphthalene	10.63	128	2176	0.027	ng	# 69
33) 4-Chloroaniline	10.75	127	120	0.003	ng	# 47
36) 4-Chloro-3-methylphenol	11.85	107	133	0.005	ng	# 17
46) 1,1'-Biphenyl	13.26	154	3244	0.038	ng	# 87
47) 2-Chloronaphthalene	13.30	162	130	0.002	ng	# 39
48) 2-Nitroaniline	13.52	65	562	0.032	ng	# 3
50) Dimethylphthalate	13.88	163	1314	0.016	ng	# 78
51) 2,6-Dinitrotoluene	13.95	165	4055	0.229	ng	# 46
52) Acenaphthene	14.43	154	4510	0.074	ng	# 4
55) Dibenzofuran	14.82	168	122	0.001	ng	# 45
56) 4-Nitrophenol	14.68	139	144	5.674	ng	# 1
58) Fluorene	15.46	166	1520	0.019	ng	# 8
60) Diethylphthalate	15.24	149	16950	0.192	ng	# 96
61) 4-Chlorophenyl-phenylether	15.48	204	139	0.003	ng	# 27
62) 4-Nitroaniline	15.49	138	118	0.006	ng	# 16
63) Azobenzene	15.79	77	12199	0.152	ng	# 6
66) n-Nitrosodiphenylamine	15.69	169	115	0.002	ng	# 24

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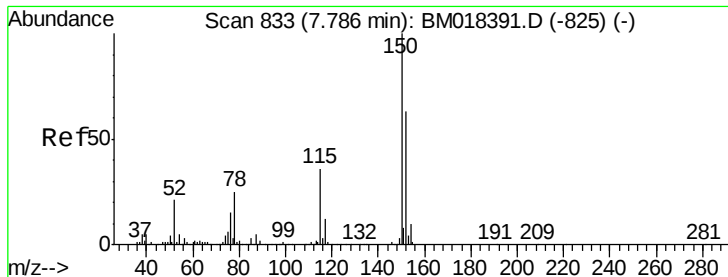
Quant Time: Dec 28 04:08:05 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

71) Phenanthrene	17.21	178	1162	0.009	ng	# 2
72) Anthracene	17.31	178	544	0.004	ng	# 21
73) Carbazole	17.57	167	1269	0.010	ng	# 44
74) Di-n-butylphthalate	18.14	149	43692	0.295	ng	97
75) Fluoranthene	19.25	202	1870	0.013	ng	# 57
77) Benzidine	19.42	184	1365	0.018	ng	# 1
78) Pyrene	19.60	202	1941	0.012	ng	# 93
80) Butylbenzylphthalate	20.50	149	1478	6.652	ng	# 61
81) Benzo(a)anthracene	21.36	228	9178	0.057	ng	# 69
82) 3,3'-Dichlorobenzidine	21.27	252	650	0.011	ng	# 10
83) Chrysene	21.40	228	1291	0.008	ng	# 77
84) Bis(2-ethylhexyl)phthalate	21.28	149	38691	0.363	ng	# 98
85) Di-n-octyl phthalate	22.19	149	883	0.005	ng	# 75
86) Indeno(1,2,3-cd)pyrene	25.98	276	107	0.001	ng	# 1
88) Benzo(b)fluoranthene	22.95	252	1344	0.008	ng	# 1
89) Benzo(k)fluoranthene	22.99	252	2278	0.014	ng	# 1
90) Benzo(a)pyrene	23.54	252	2464	0.016	ng	# 1
91) Dibenzo(a,h)anthracene	26.00	278	112	0.001	ng	# 1

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

```
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Operator  : JU/SJ  
Sample    : J6572-05  
Misc      :  
ALS Vial  : 16      Sample Multiplier: 1
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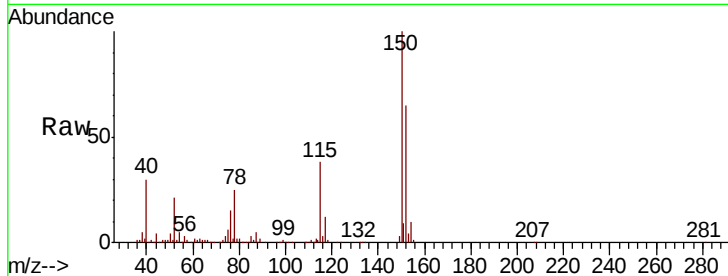


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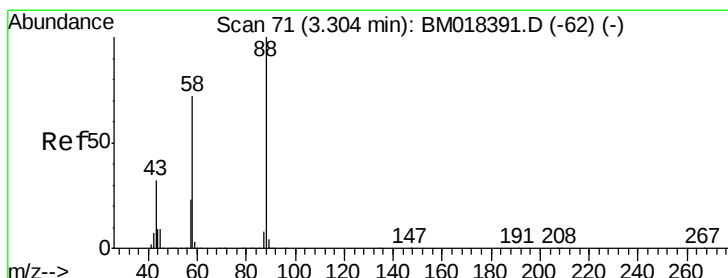
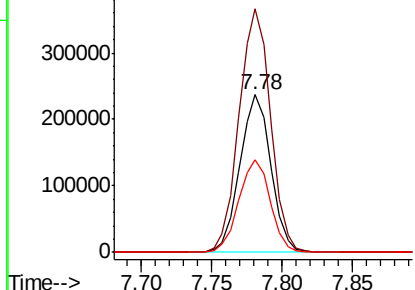
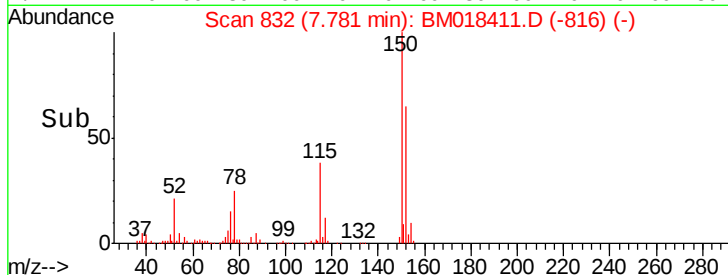
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.78 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BM018411.D
 Acq: 28 Dec 2018 00:04

Instrument :
 BNA_M
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 381204024-2

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



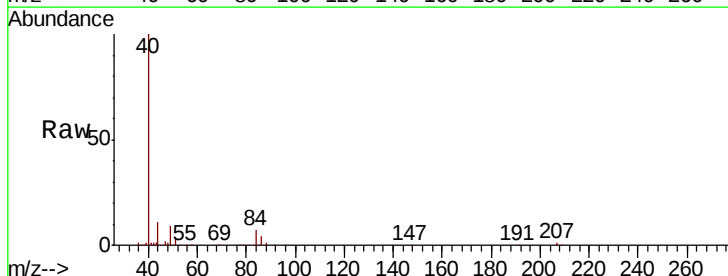
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



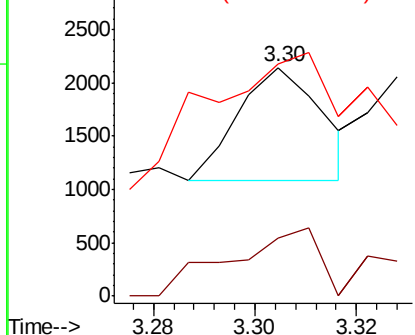
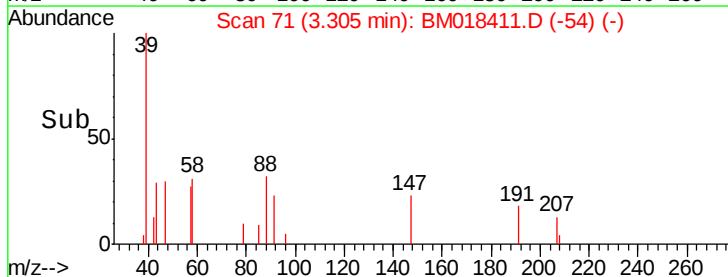
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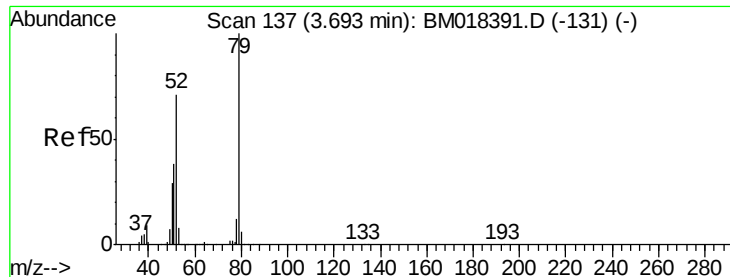
1,4-Dioxane
 Concen: 0.154 ng
 RT: 3.30 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BM018411.D
 Acq: 28 Dec 2018 00:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.0	58.4	87.6
43	247.9	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: 0.025 ng

RT: 3.69 min Scan# 136

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

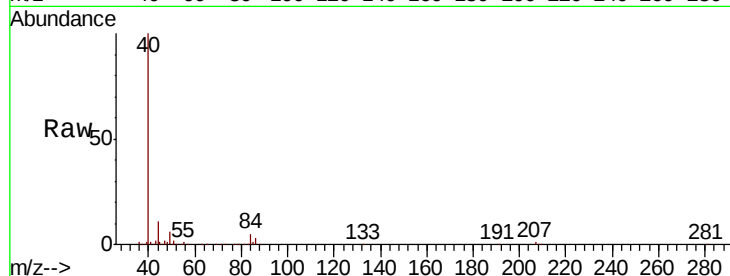
Tgt Ion: 79 Resp: 547

Ion Ratio Lower Upper

79 100

52 83.0 56.4 84.6

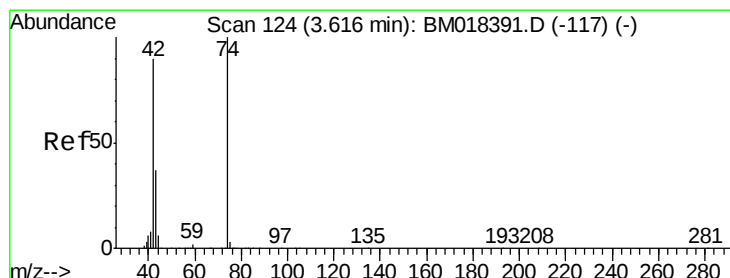
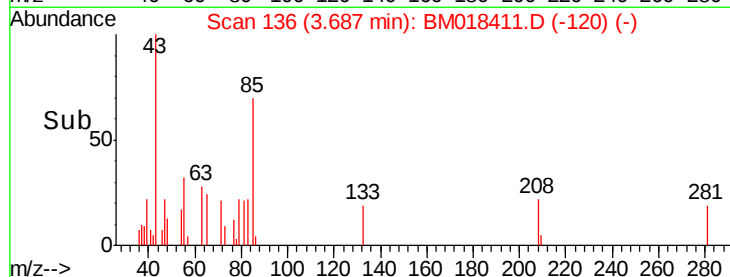
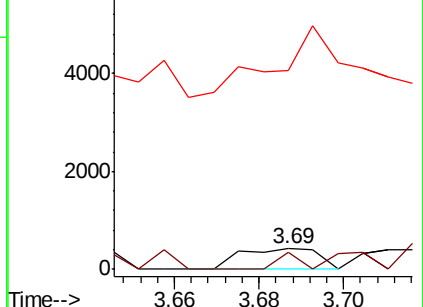
51 973.9 31.0 46.4#



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: 0.117 ng

RT: 3.64 min Scan# 128

Delta R.T. 0.02 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

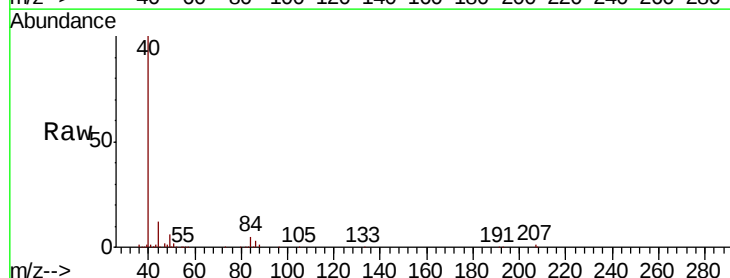
Tgt Ion: 42 Resp: 1031

Ion Ratio Lower Upper

42 100

74 0.0 88.6 132.8#

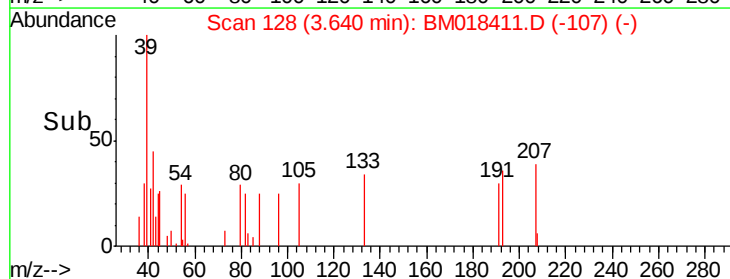
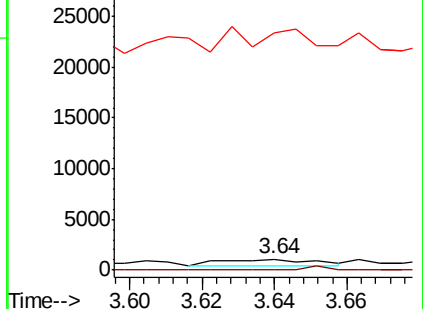
44 2178.4 16.9 25.3#

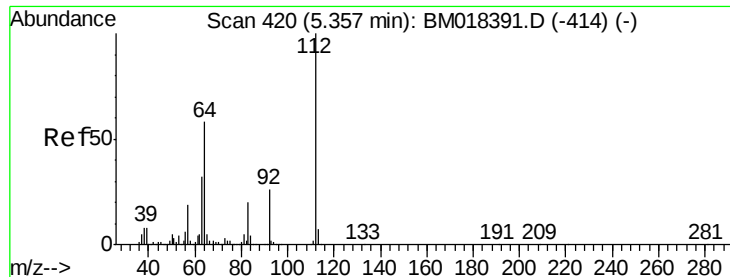


Abundance Ion 42.00 (41.70 to 42.70): BM018391.D (-117) (-)

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: 8.726 ng

RT: 5.36 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

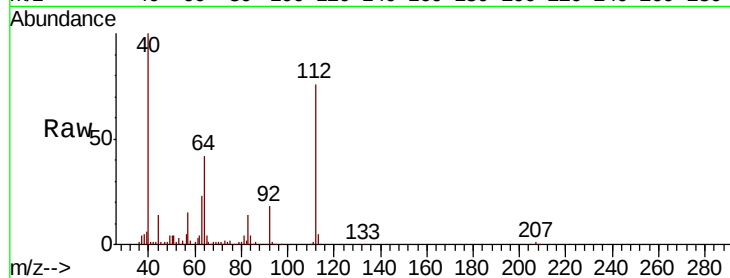
Tgt Ion: 112 Resp: 168255

Ion Ratio Lower Upper

112 100

64 54.9 46.5 69.7

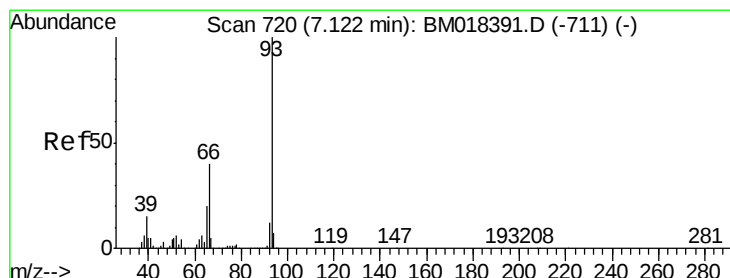
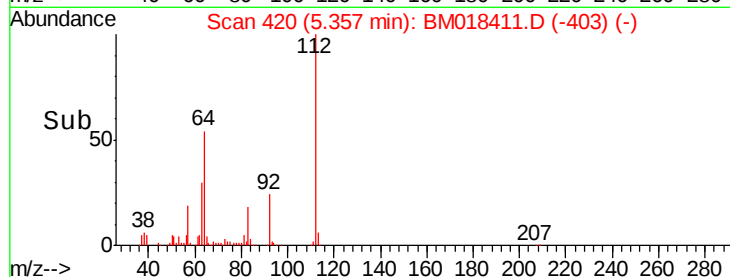
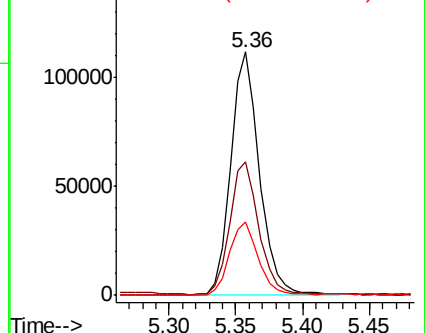
63 30.2 25.2 37.8



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: 0.027 ng

RT: 7.11 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

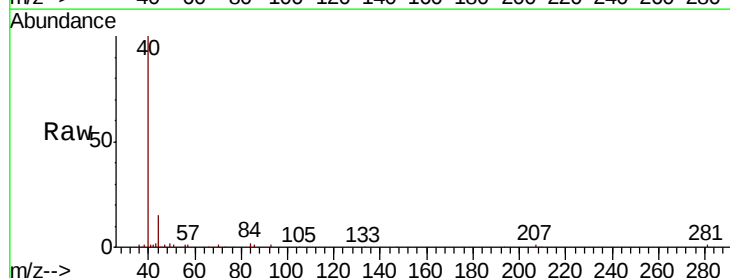
Tgt Ion: 93 Resp: 905

Ion Ratio Lower Upper

93 100

66 52.4 31.7 47.5#

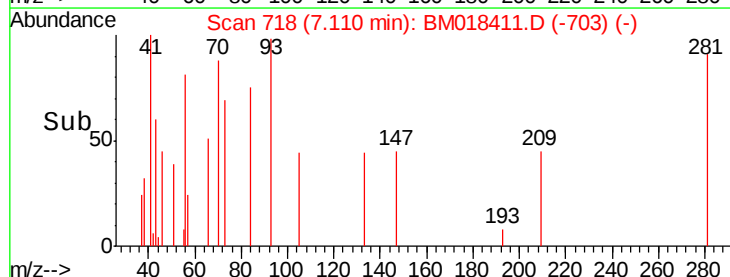
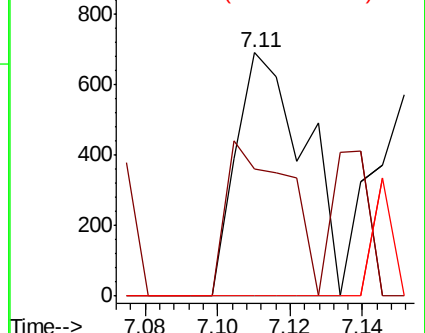
65 0.0 15.9 23.9#

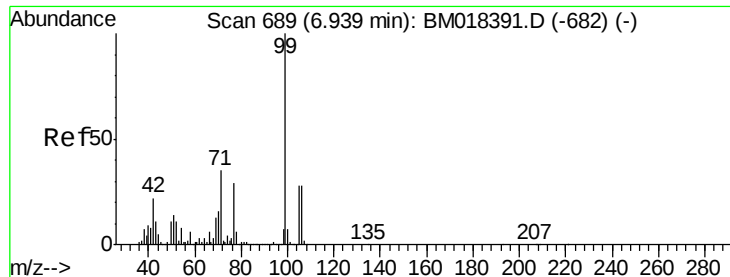


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 6.083 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

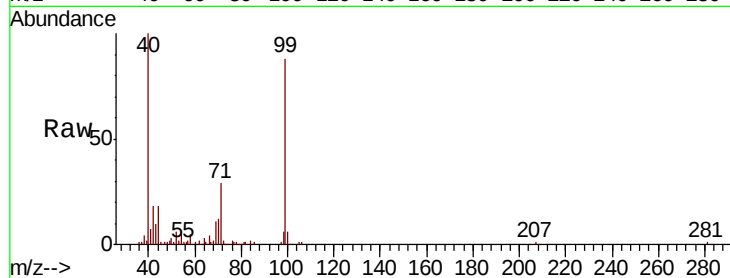
Tgt Ion: 99 Resp: 162869

Ion Ratio Lower Upper

99 100

42 20.2 17.3 25.9

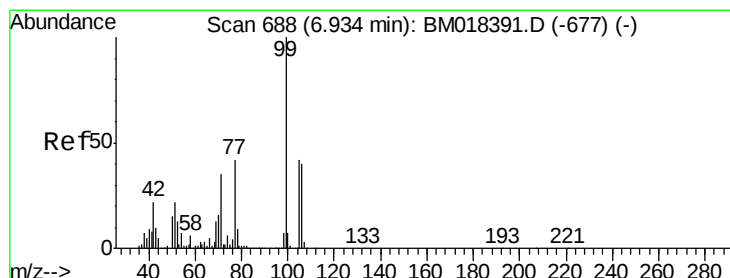
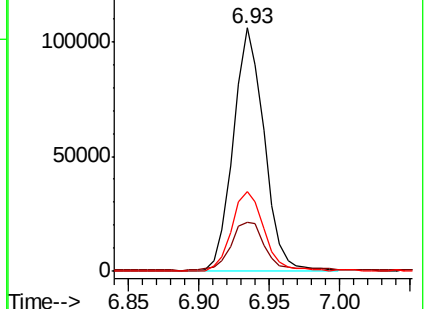
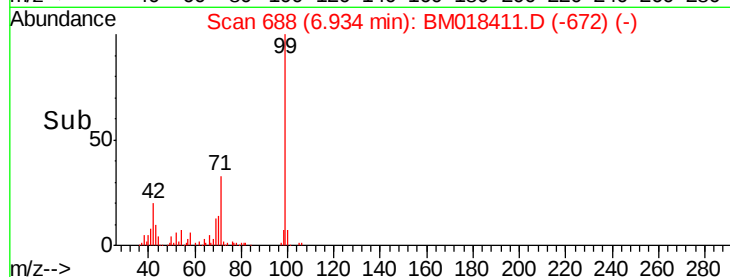
71 32.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018411.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM018411.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM018411.D (-672) (-)



#9

Benzaldehyde

Concen: 0.205 ng

RT: 6.93 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

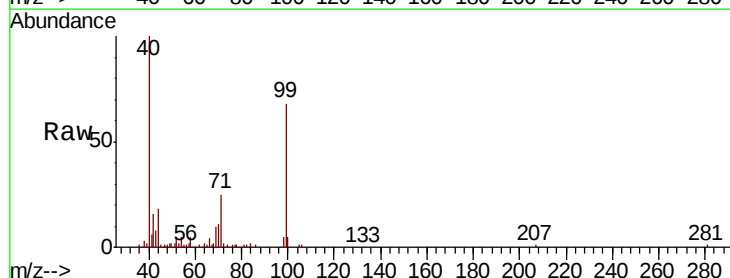
Tgt Ion: 77 Resp: 3854

Ion Ratio Lower Upper

77 100

105 60.4 79.7 119.7#

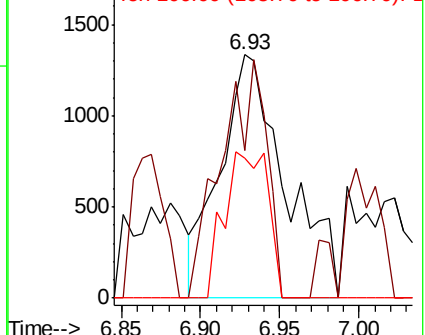
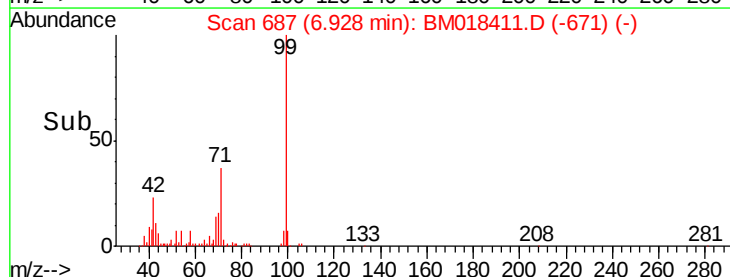
106 57.5 75.2 115.2#

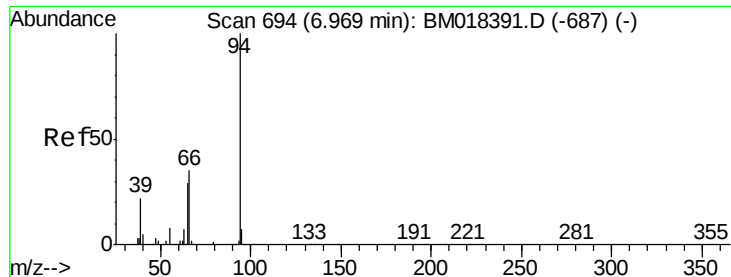


Abundance Ion 77.00 (76.70 to 77.70): BM018411.D (-671) (-)

Ion 105.00 (104.70 to 105.70): BM018411.D (-671) (-)

Ion 106.00 (105.70 to 106.70): BM018411.D (-671) (-)





#10

Phenol

Concen: 0.039 ng

RT: 6.96 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

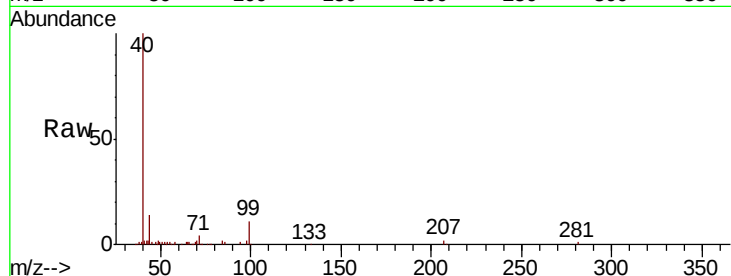
Tgt Ion: 94 Resp: 1061

Ion Ratio Lower Upper

94 100

65 75.2 9.4 49.4#

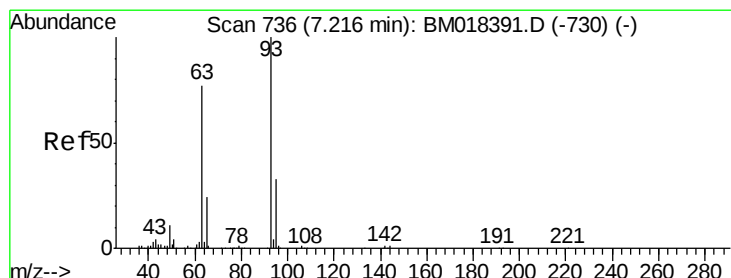
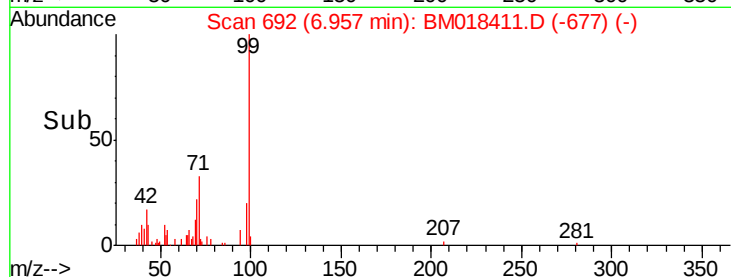
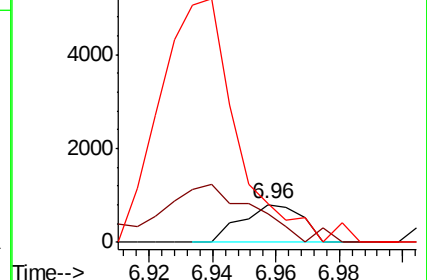
66 101.5 19.1 59.1#



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: 0.005 ng

RT: 7.22 min Scan# 737

Delta R.T. 0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

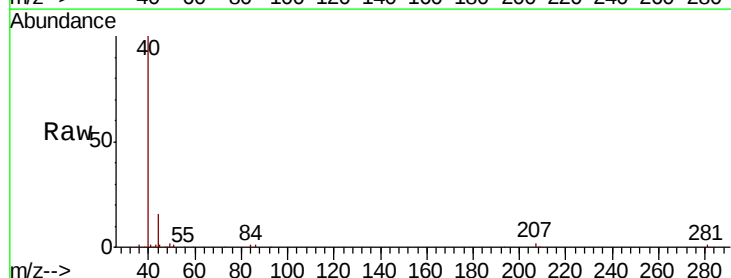
Tgt Ion: 93 Resp: 111

Ion Ratio Lower Upper

93 100

63 0.0 56.4 96.4#

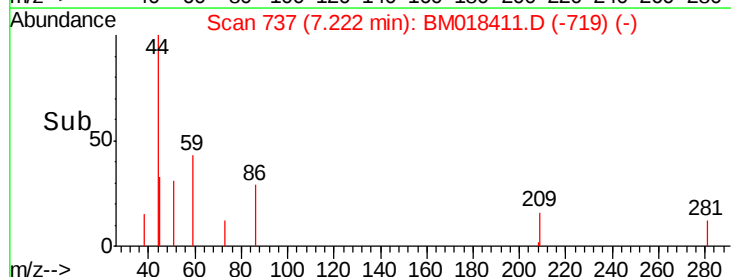
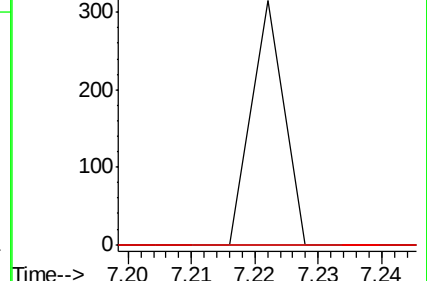
95 0.0 12.7 52.7#

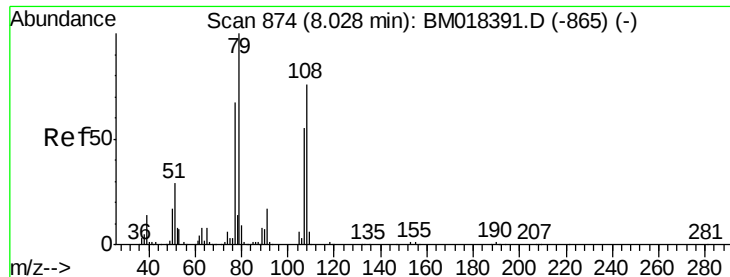


Abundance Ion 93.00 (92.70 to 93.70): BM018391.D (-730) (-)

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: 0.027 ng

RT: 8.03 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

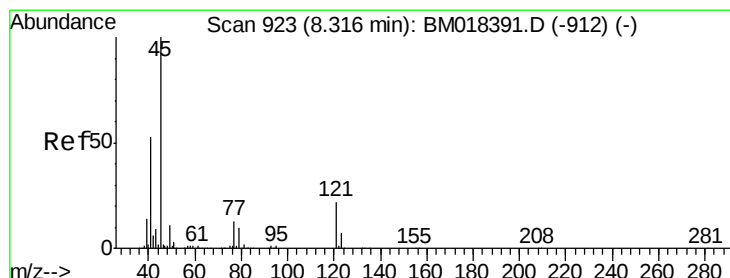
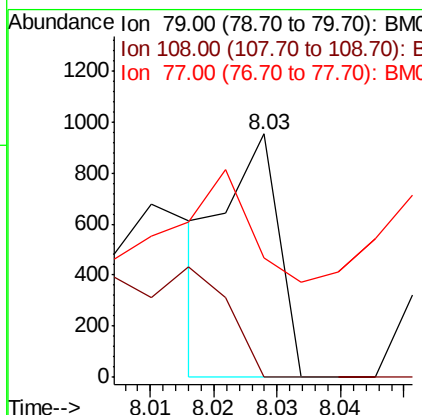
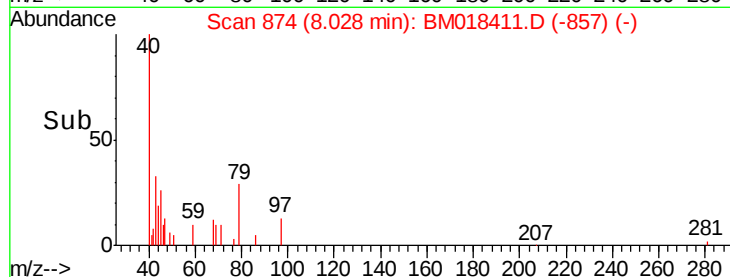
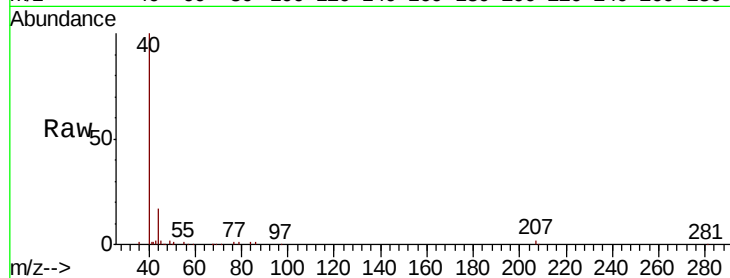
Instrument :

BNA_M

ClientSampleId :

381204024-2

Tgt Ion:	79	Resp:	564
Ion	Ratio	Lower	Upper
79	100		
108	0.0	60.4	90.6#
77	49.2	53.4	80.2#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.012 ng

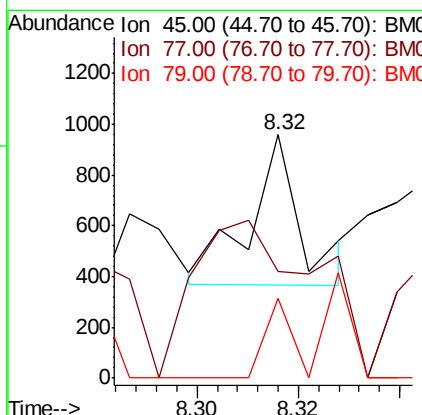
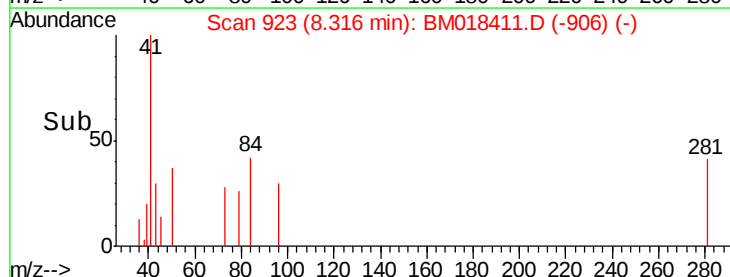
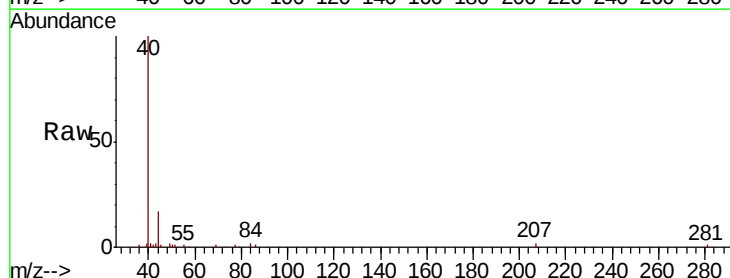
RT: 8.32 min Scan# 923

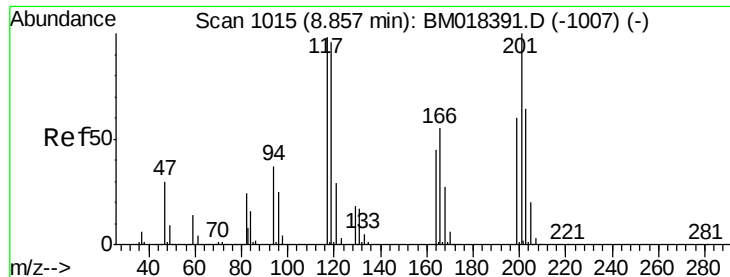
Delta R.T. 0.00 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Tgt Ion:	45	Resp:	415
Ion	Ratio	Lower	Upper
45	100		
77	43.9	0.0	33.4#
79	32.8	0.0	31.1#

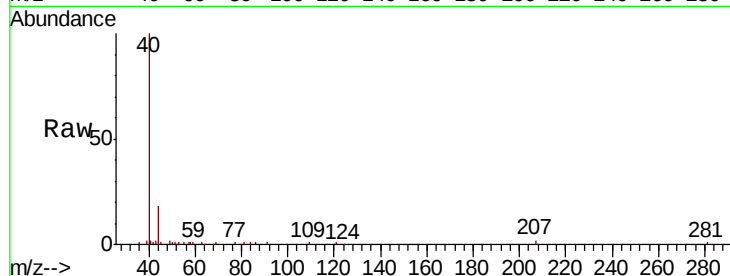




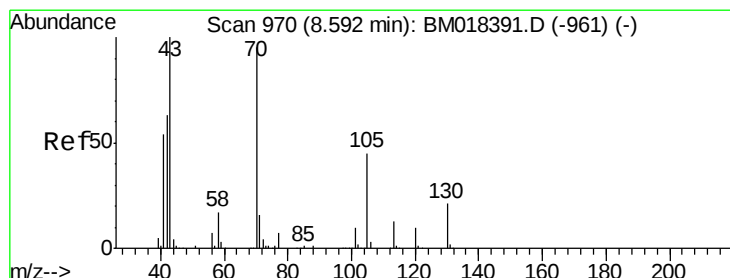
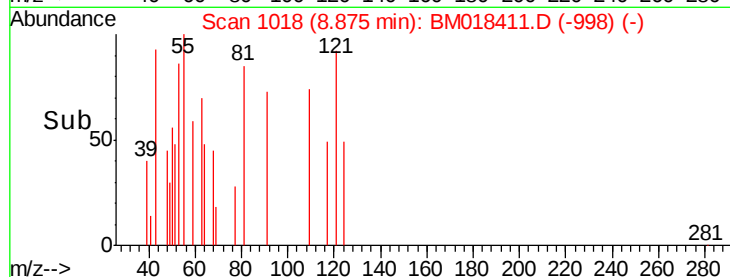
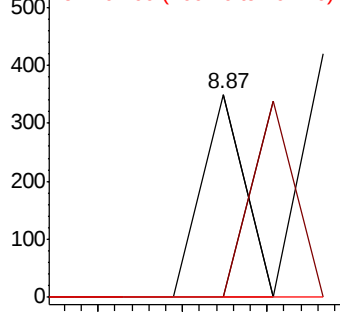
#18
Hexachloroethane
Concen: 0.013 ng
RT: 8.87 min Scan# 1018
Delta R.T. 0.02 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Instrument :
BNA_M
ClientSampled :
381204024-2

Tgt Ion: 117 Resp: 124
Ion Ratio Lower Upper
117 100
119 0.0 78.3 117.5#
201 0.0 81.4 122.0#

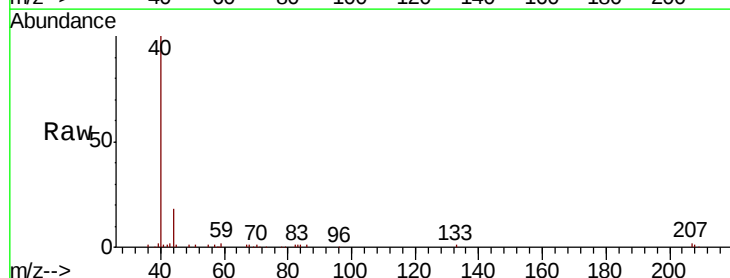


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

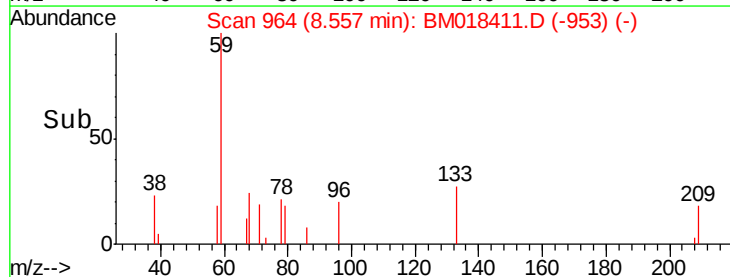
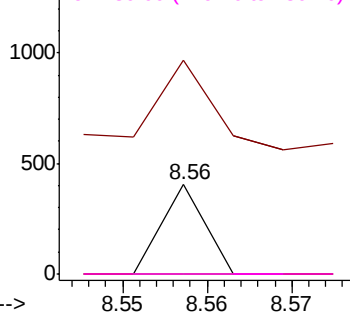


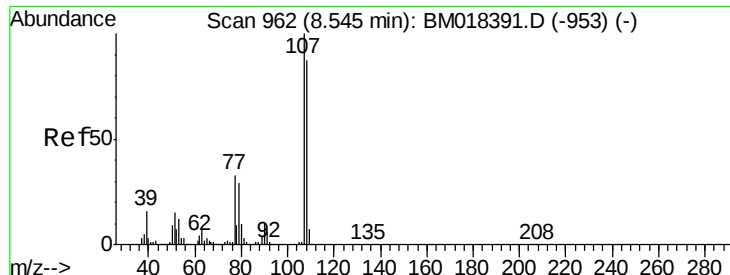
#19
n-Nitroso-di-n-propylamine
Concen: 0.007 ng
RT: 8.56 min Scan# 964
Delta R.T. -0.04 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion: 70 Resp: 142
Ion Ratio Lower Upper
70 100
42 239.7 54.0 81.0#
101 0.0 8.1 12.1#
130 0.0 17.8 26.6#



Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

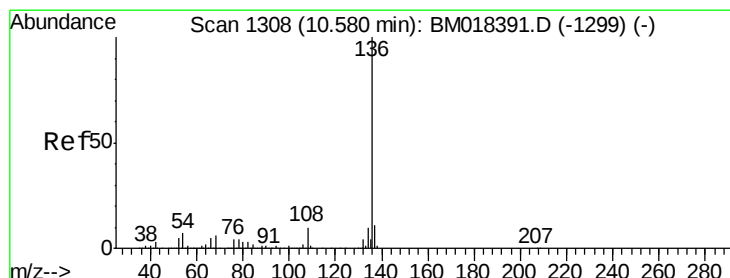
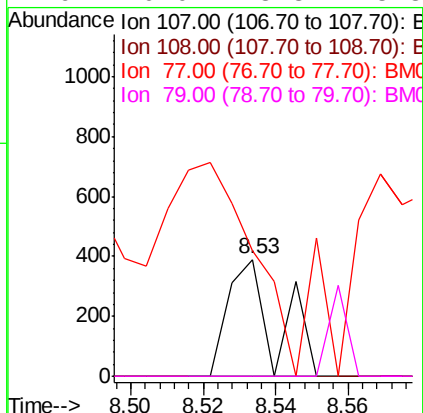
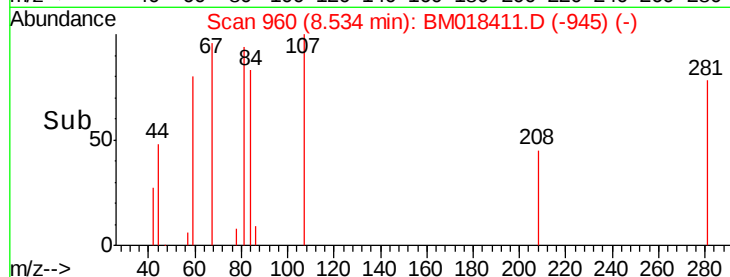
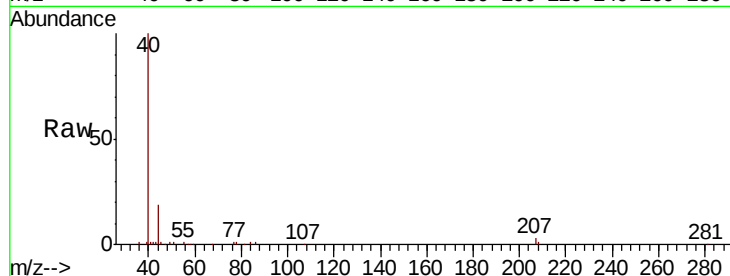




#20
3+4-Methylphenols
Concen: 0.014 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

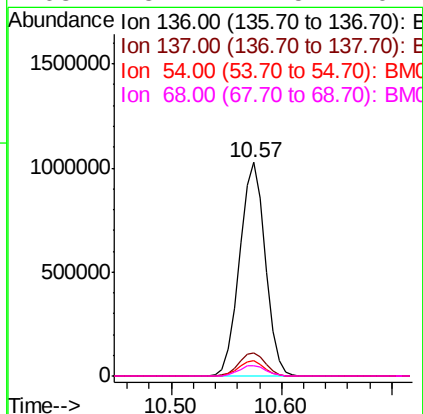
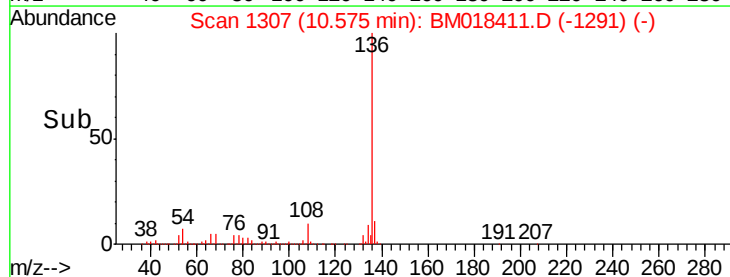
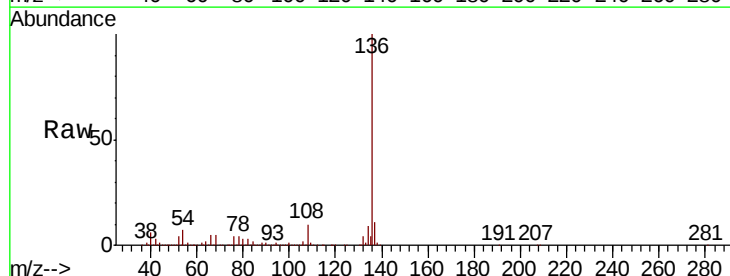
Instrument :
BNA_M
ClientSampleId :
381204024-2

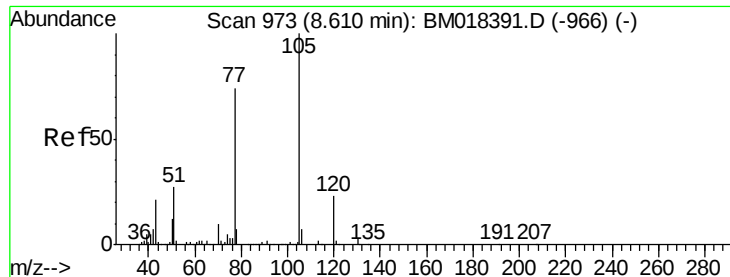
Tgt Ion:107 Resp: 360
Ion Ratio Lower Upper
107 100
108 0.0 66.8 106.8#
77 107.4 13.3 53.3#
79 0.0 8.8 48.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion:136 Resp: 1674069
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 6.0 9.0
68 5.1 4.5 6.7

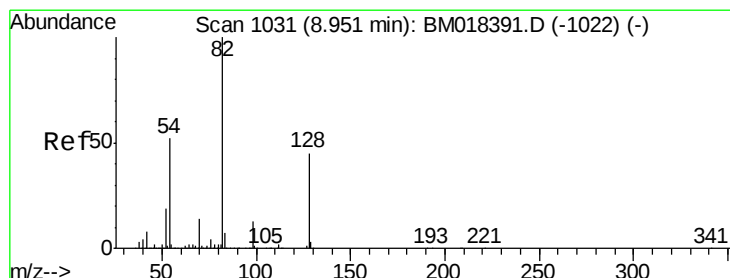
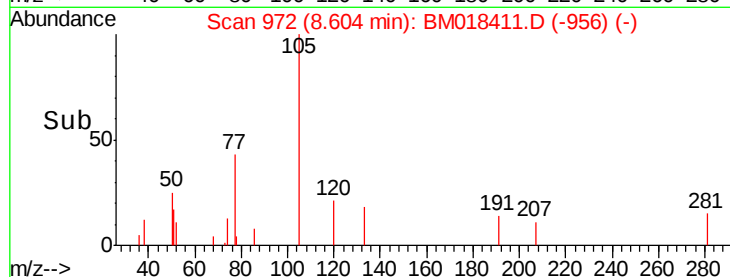
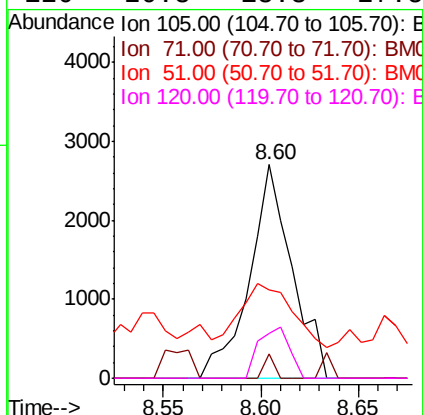
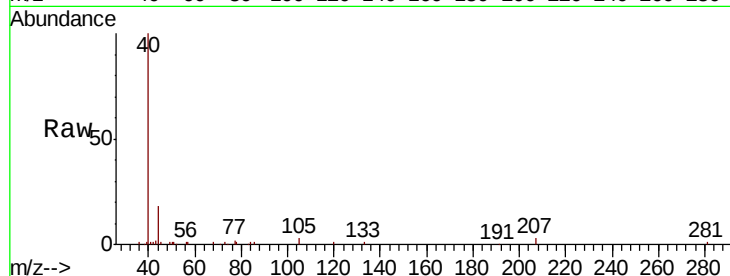




#22
Acetophenone
Concen: 0.096 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

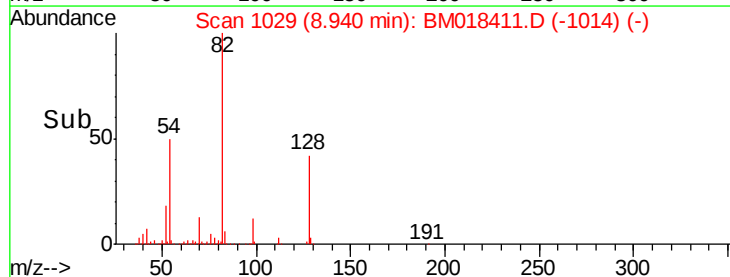
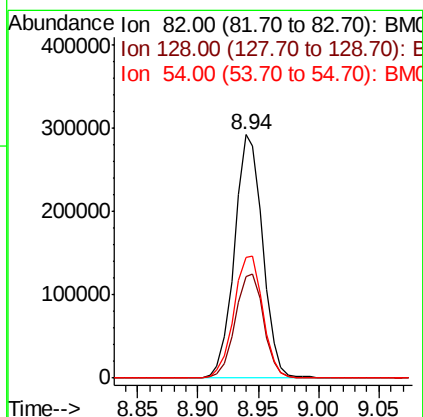
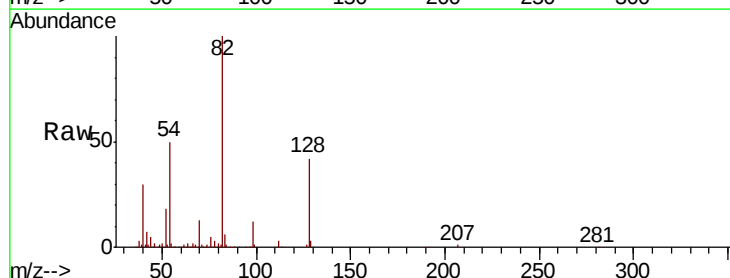
Instrument :
BNA_M
ClientSampleId :
381204024-2

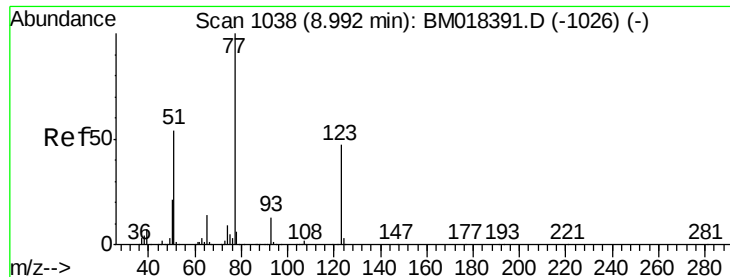
Tgt Ion: 105 Resp: 4079
Ion Ratio Lower Upper
105 100
71 11.2 1.7 2.5#
51 41.5 22.6 34.0#
120 20.8 18.3 27.5



#23
Nitrobenzene-d5
Concen: 16.327 ng
RT: 8.94 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion: 82 Resp: 476228
Ion Ratio Lower Upper
82 100
128 41.8 36.3 54.5
54 49.8 41.7 62.5

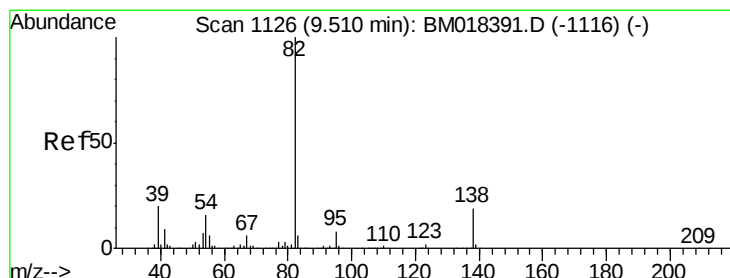
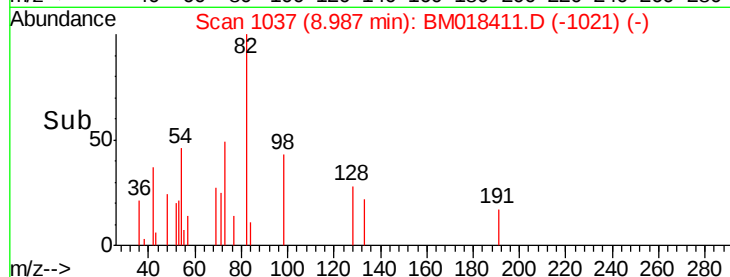
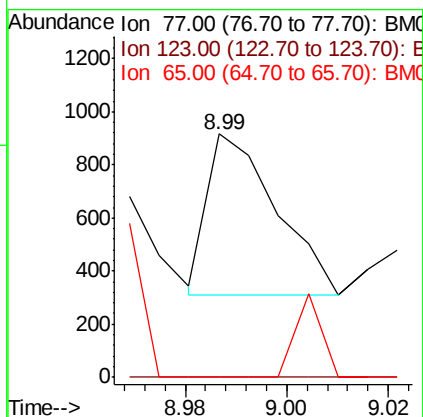
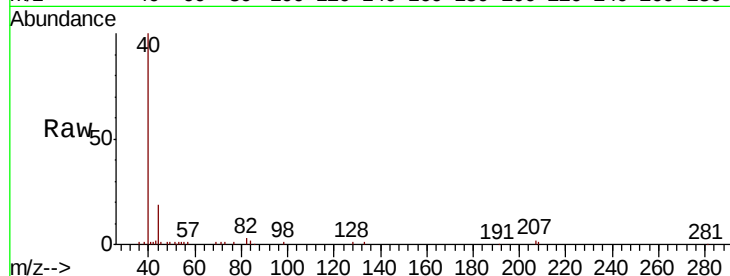




#24
Nitrobenzene
Concen: 0.020 ng
RT: 8.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

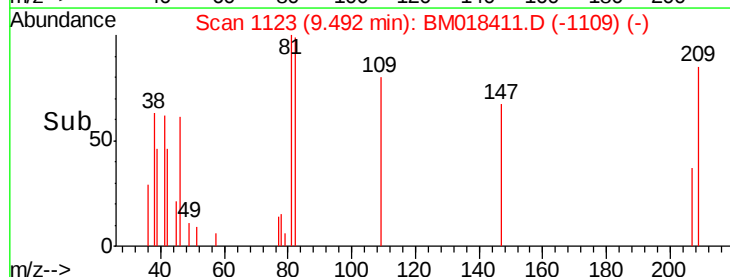
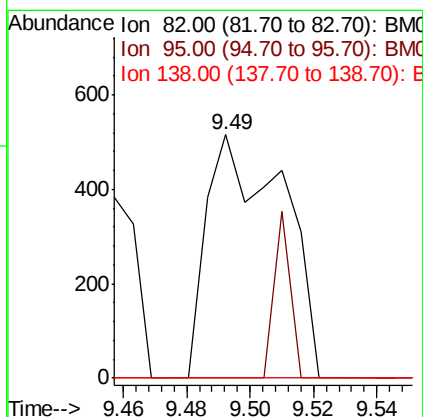
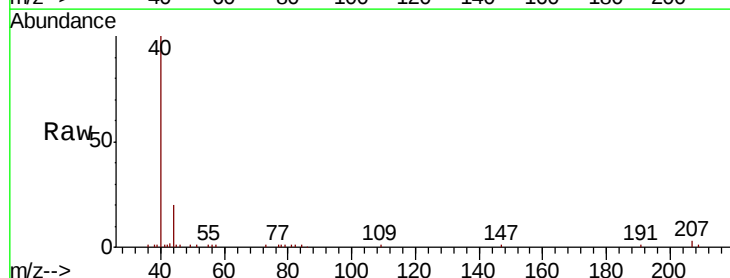
Instrument :
BNA_M
ClientSampleId :
381204024-2

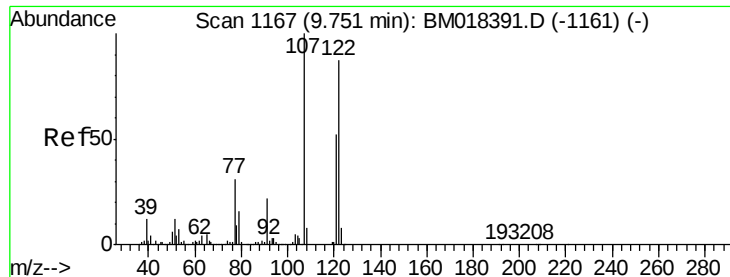
Tgt Ion: 77 Resp: 572
Ion Ratio Lower Upper
77 100
123 0.0 37.7 56.5#
65 0.0 11.0 16.6#



#25
Isophorone
Concen: 0.017 ng
RT: 9.49 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion: 82 Resp: 856
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.1 22.7#

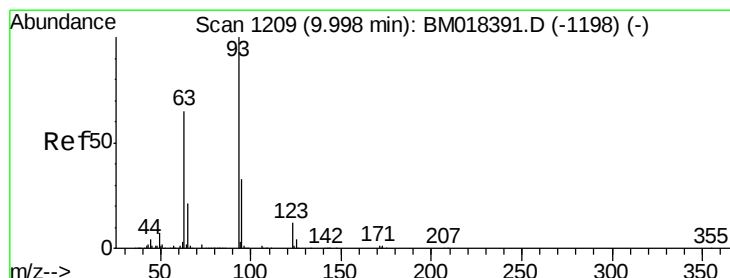
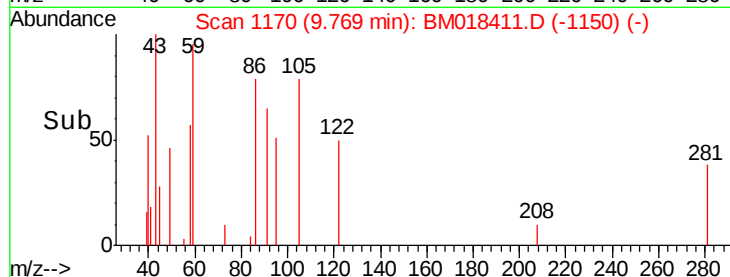
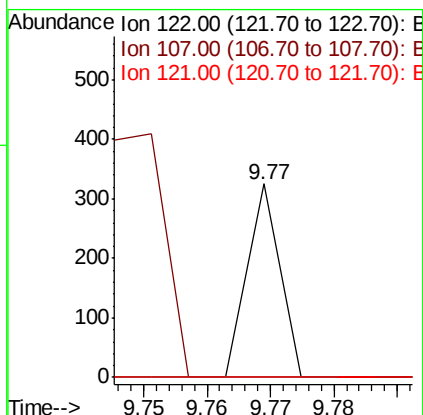
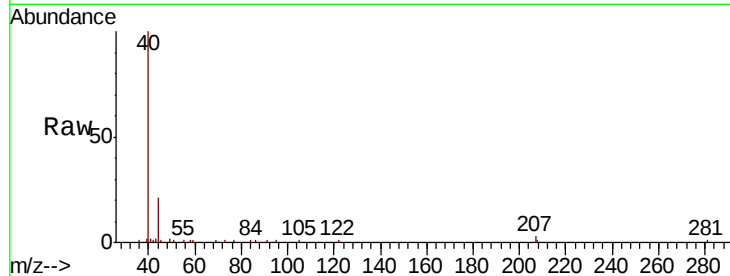




#27
2,4-Dimethylphenol
Concen: 0.005 ng
RT: 9.77 min Scan# 1170
Delta R.T. 0.02 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

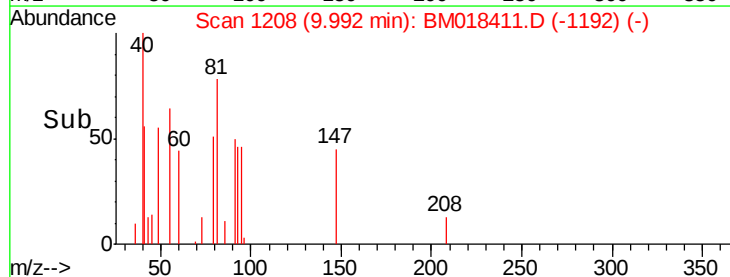
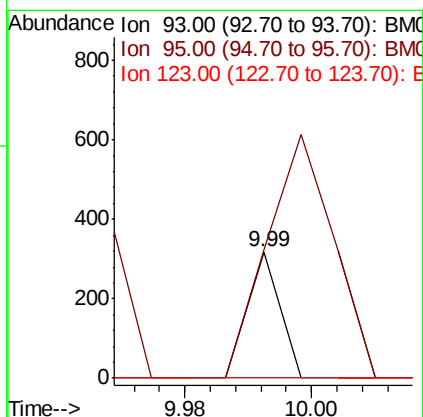
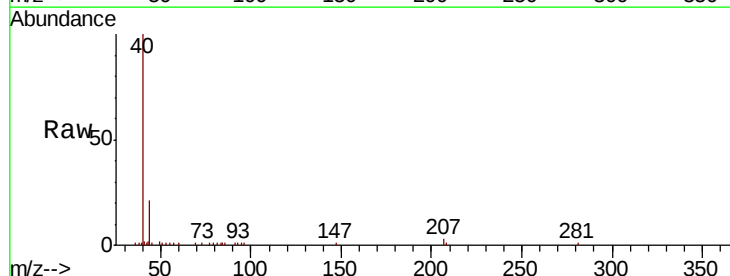
Instrument :
BNA_M
ClientSampleId :
381204024-2

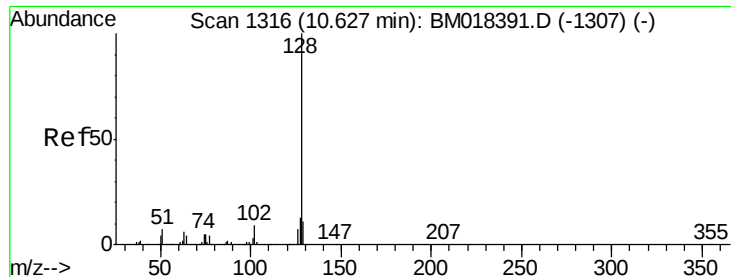
Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.9	137.9#
121	0.0	47.5	71.3#



#28
bis(2-Chloroethoxy)methane
Concen: 0.004 ng
RT: 9.99 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	101.6	26.6	39.8#
123	0.0	9.9	14.9#





#31

Naphthalene

Concen: 0.027 ng

RT: 10.63 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

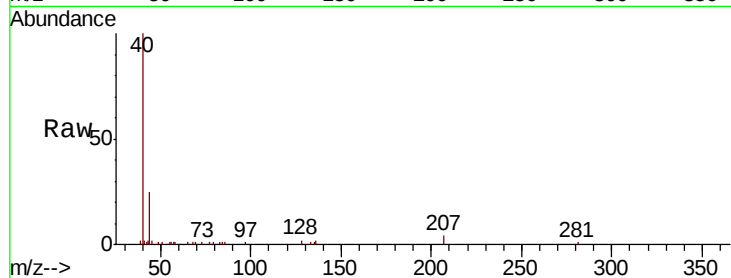
Tgt Ion:128 Resp: 2176

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#

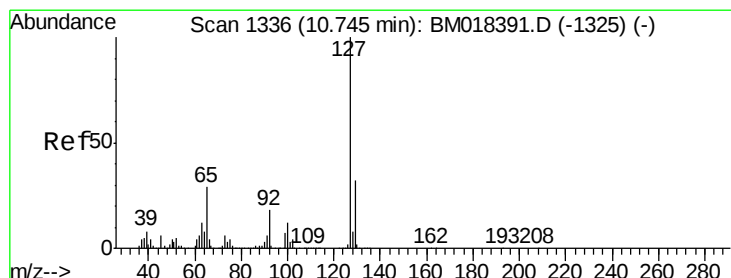
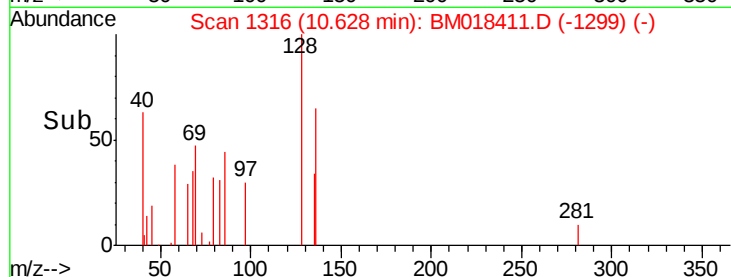
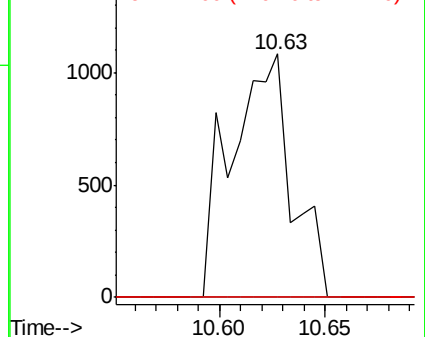


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 0.003 ng

RT: 10.75 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Tgt Ion:127 Resp: 120

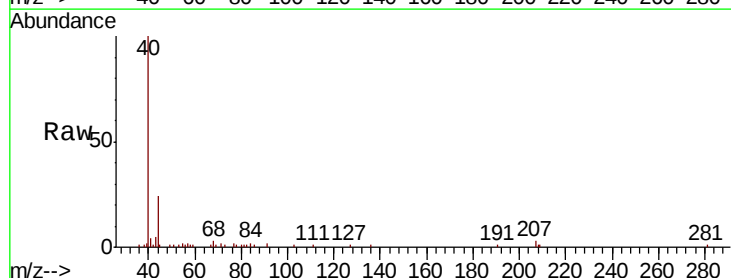
Ion Ratio Lower Upper

127 100

129 0.0 25.9 38.9#

65 0.0 23.4 35.2#

92 0.0 14.5 21.7#



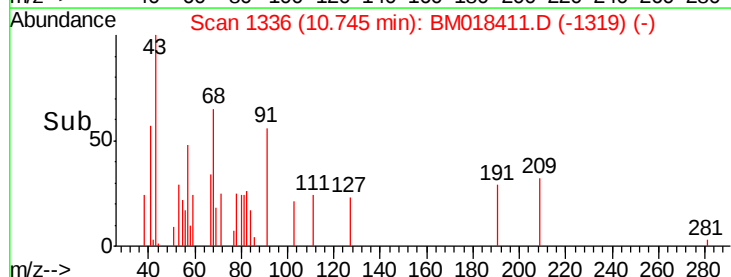
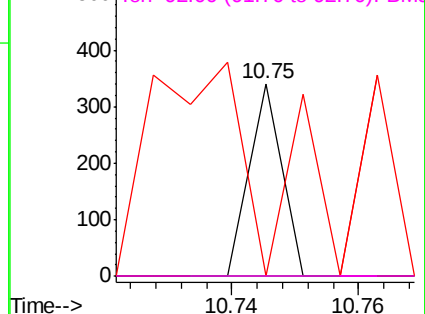
Abundance

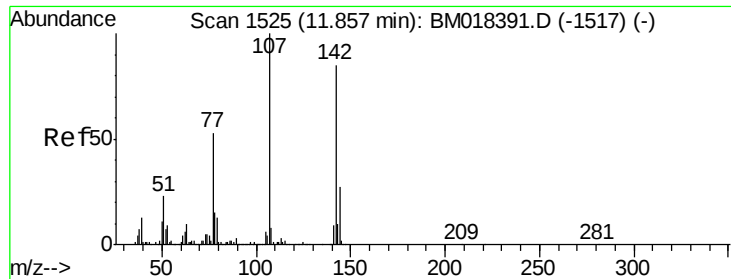
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

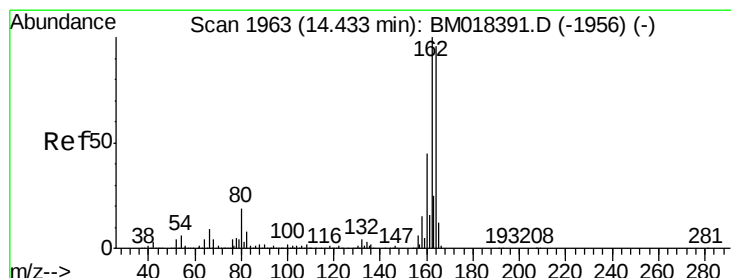
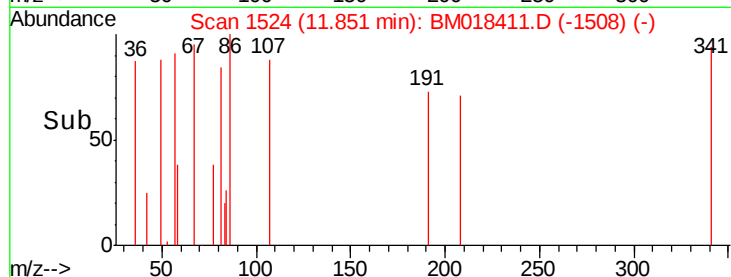
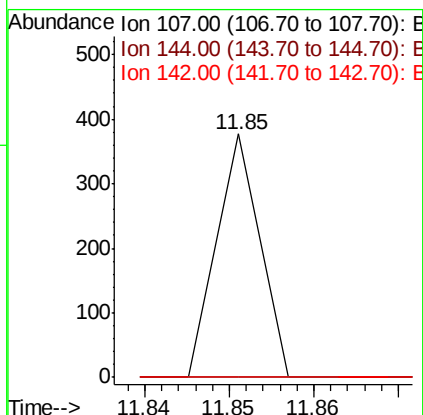
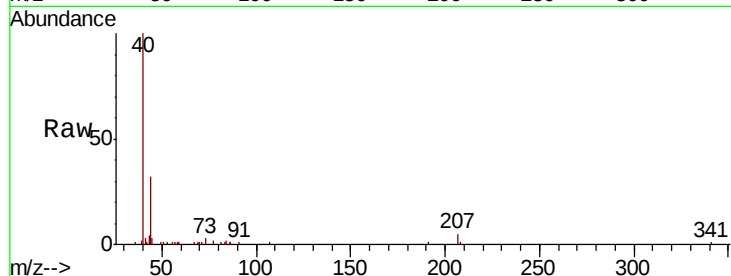




#36
4-Chloro-3-methylphenol
Concen: 0.005 ng
RT: 11.85 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

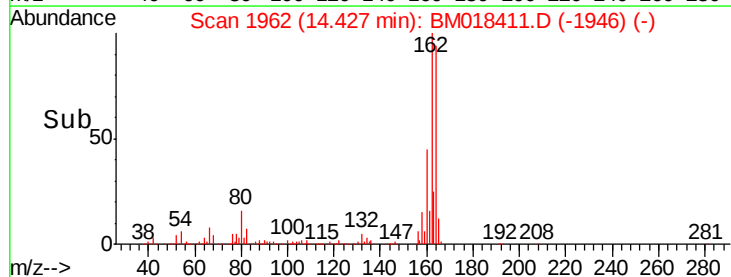
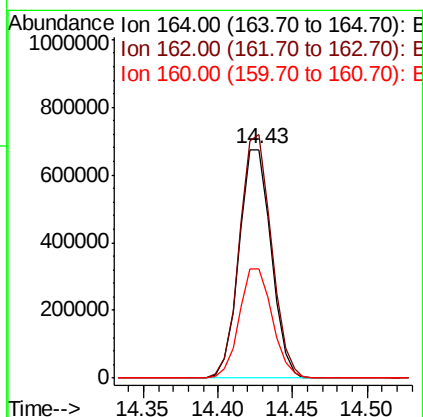
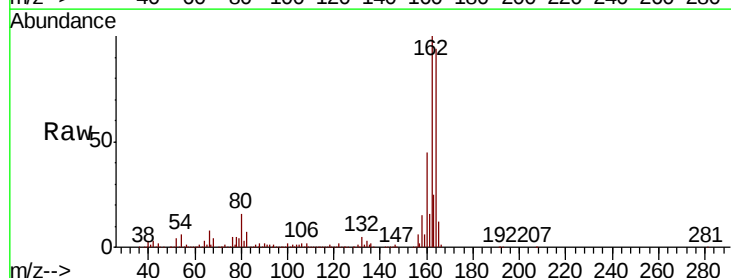
Instrument :
BNA_M
ClientSampleId :
381204024-2

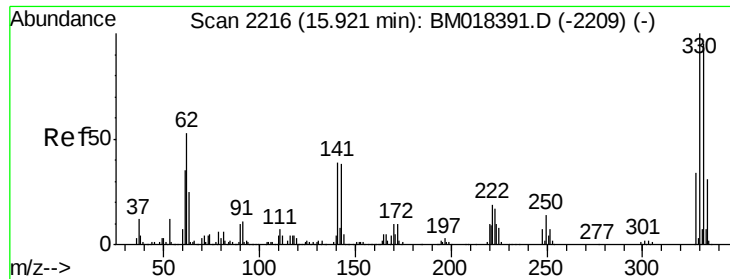
Tgt Ion:107 Resp: 133
Ion Ratio Lower Upper
107 100
144 0.0 21.9 32.9#
142 0.0 67.9 101.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion:164 Resp: 1007811
Ion Ratio Lower Upper
164 100
162 106.5 83.0 124.4
160 47.6 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 26.417 ng

RT: 15.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

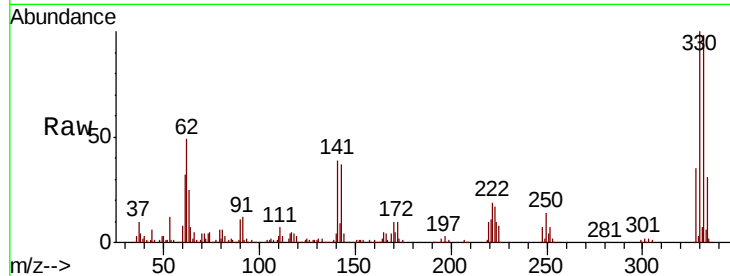
Tgt Ion:330 Resp: 338277

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

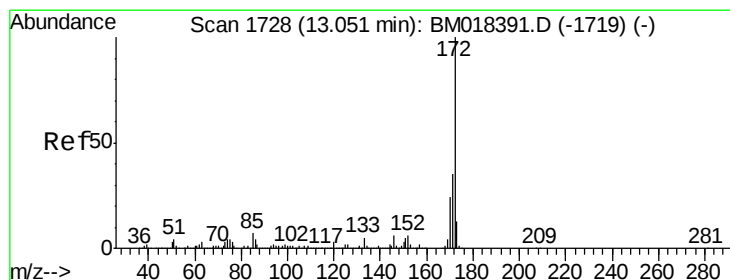
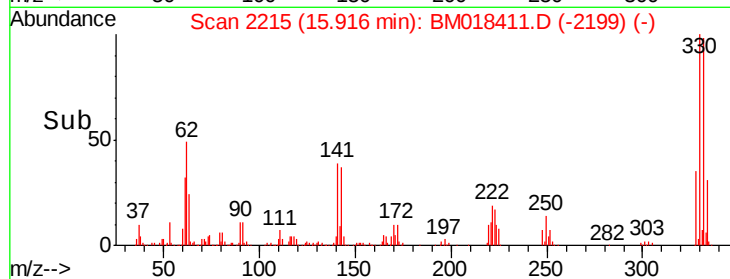
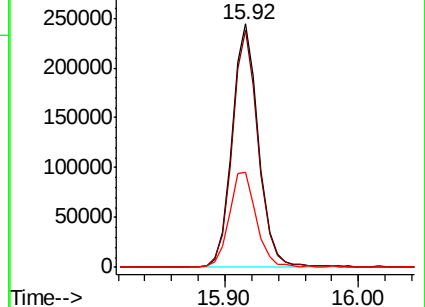
141 40.6 31.7 47.5



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: 19.396 ng

RT: 13.05 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

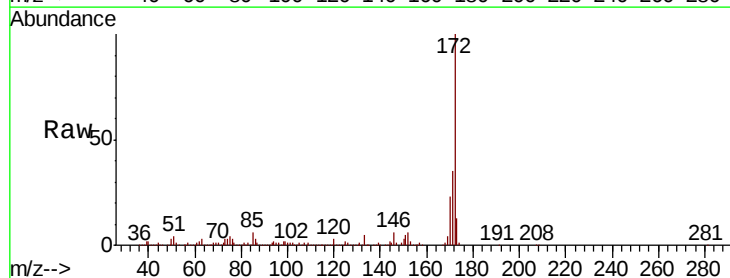
Tgt Ion:172 Resp: 1443240

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

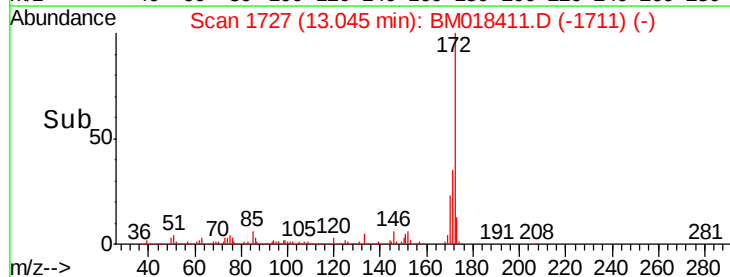
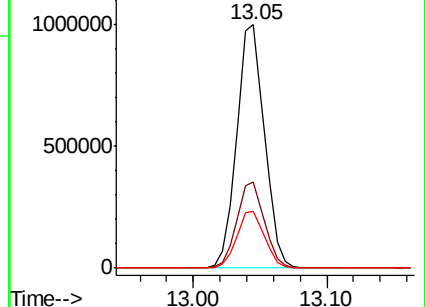
170 23.2 18.9 28.3

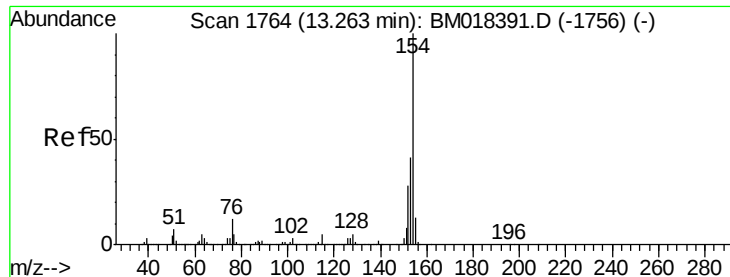


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

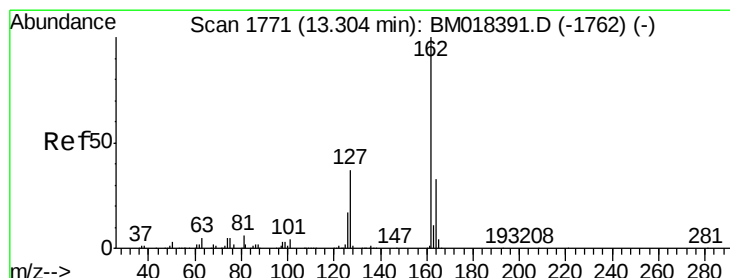
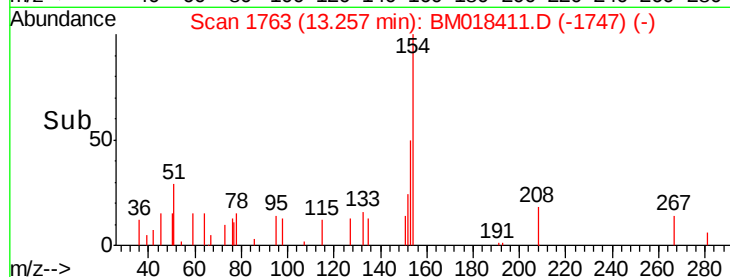
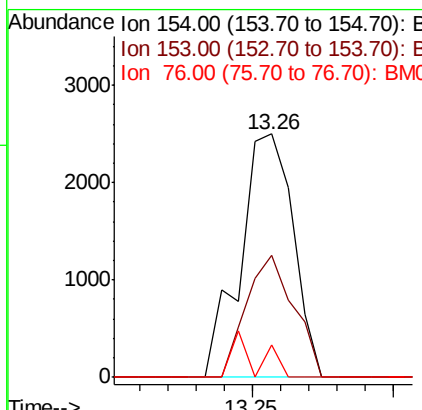
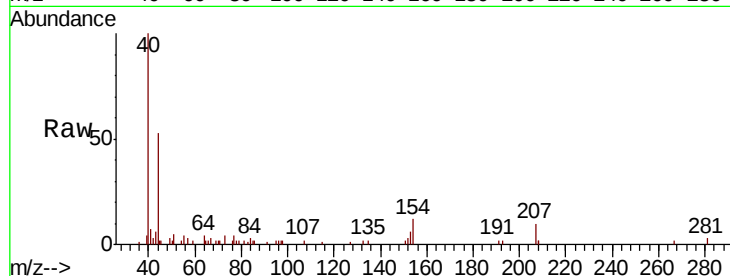




#46
 1,1'-Biphenyl
 Concen: 0.038 ng
 RT: 13.26 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BM018411.D
 Acq: 28 Dec 2018 00:04

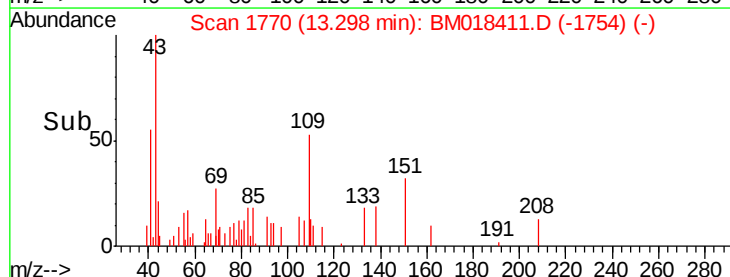
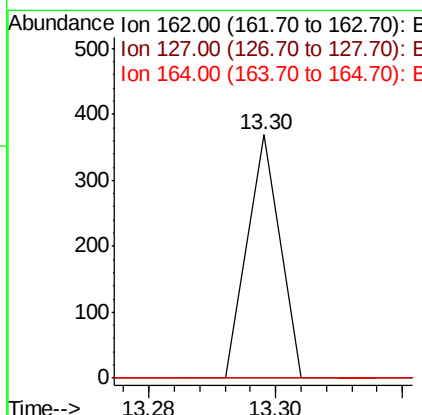
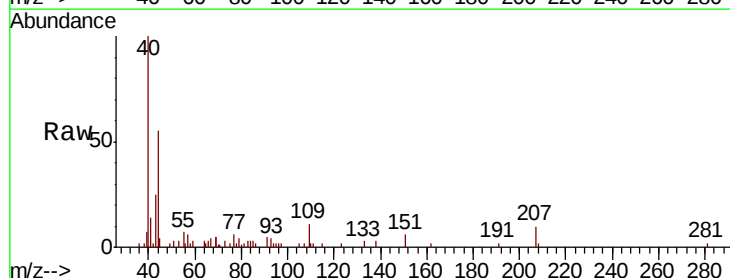
Instrument :
 BNA_M
 ClientSampleId :
 381204024-2

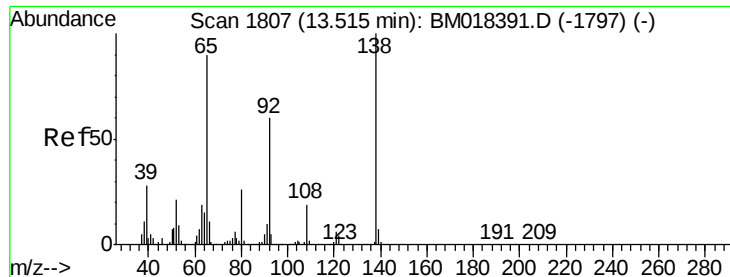
Tgt Ion:154 Resp: 3244
 Ion Ratio Lower Upper
 154 100
 153 50.3 20.5 60.5
 76 13.3 0.0 31.9



#47
 2-Chloronaphthalene
 Concen: 0.002 ng
 RT: 13.30 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BM018411.D
 Acq: 28 Dec 2018 00:04

Tgt Ion:162 Resp: 130
 Ion Ratio Lower Upper
 162 100
 127 0.0 31.4 47.0#
 164 0.0 26.2 39.4#

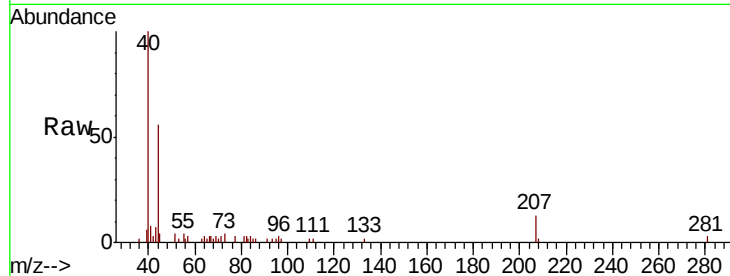




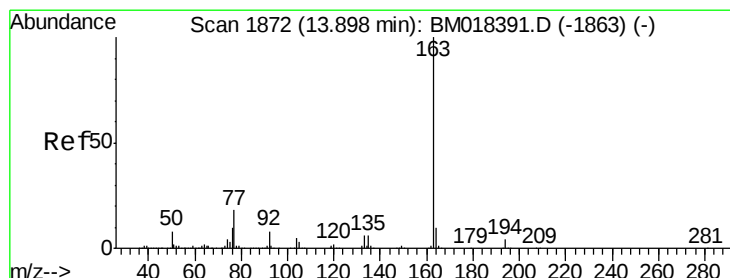
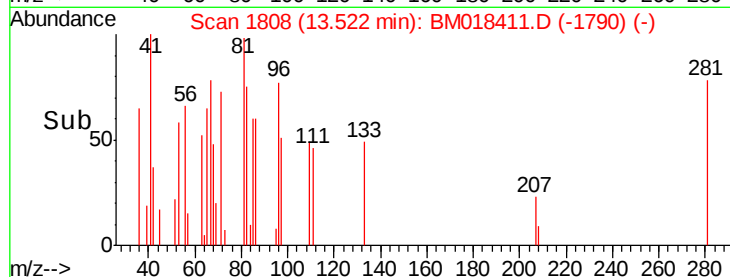
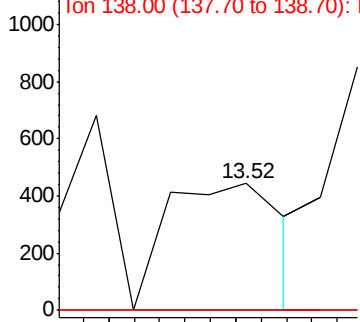
#48
2-Nitroaniline
Concen: 0.032 ng
RT: 13.52 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Instrument :
BNA_M
ClientSampleId :
381204024-2

Tgt Ion: 65 Resp: 562
Ion Ratio Lower Upper
65 100
92 0.0 53.4 80.2#
138 0.0 88.9 133.3#

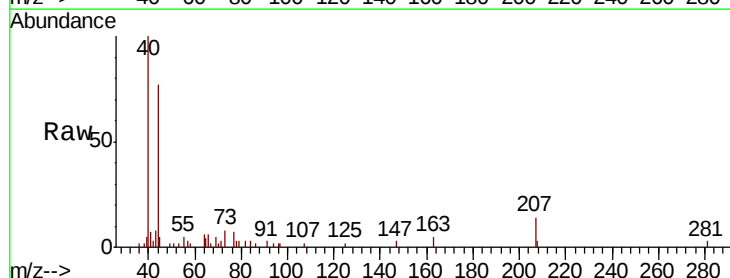


Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

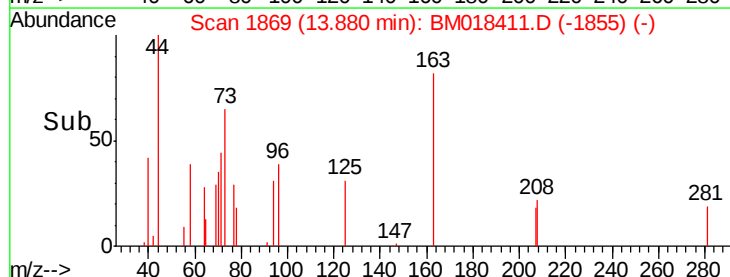
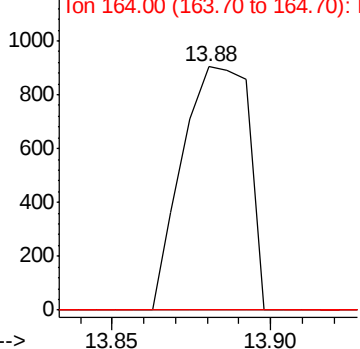


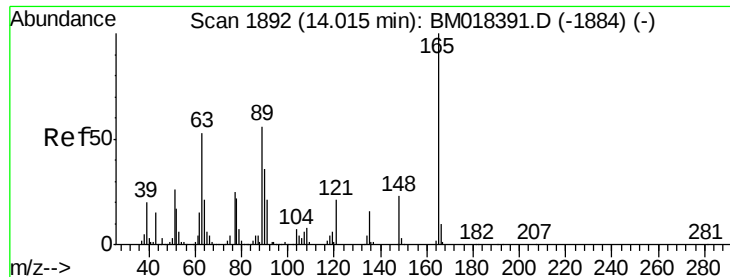
#50
Dimethylphthalate
Concen: 0.016 ng
RT: 13.88 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion: 163 Resp: 1314
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

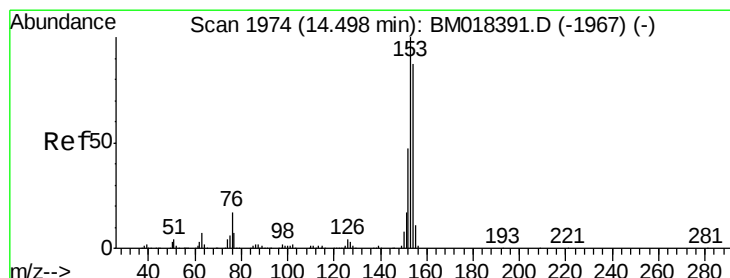
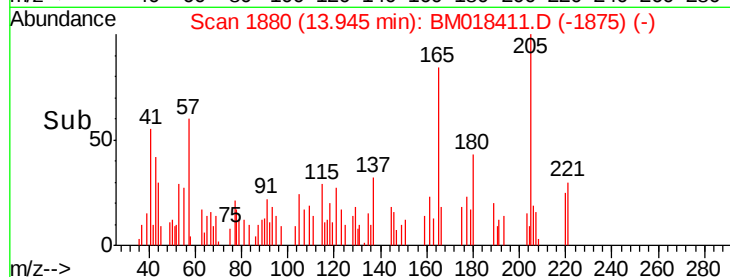
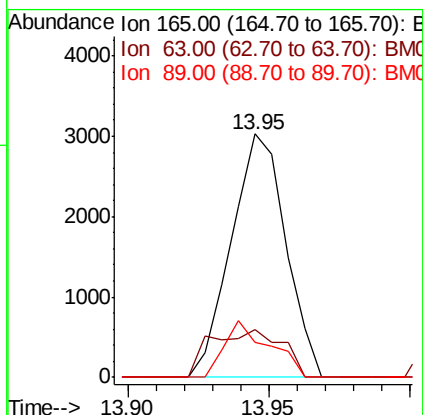
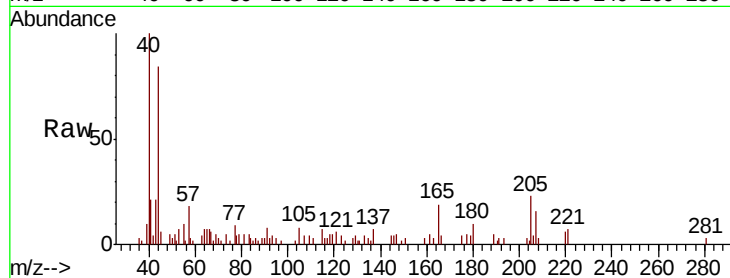




#51
2,6-Dinitrotoluene
Concen: 0.229 ng
RT: 13.95 min Scan# 1880
Delta R.T. -0.07 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

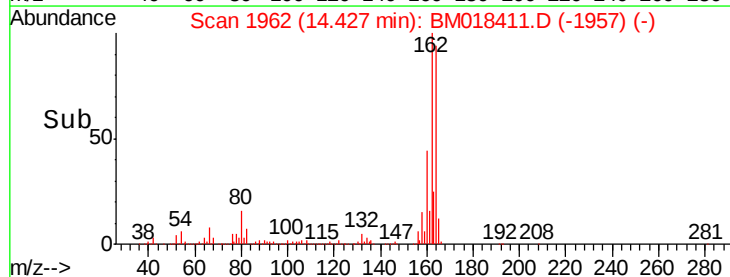
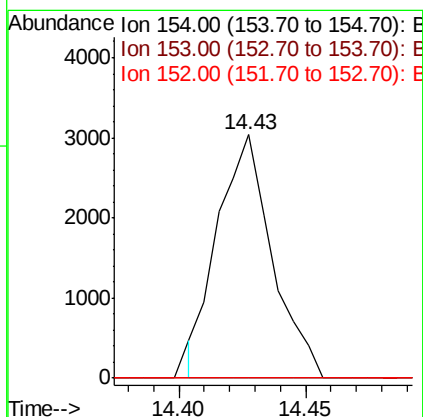
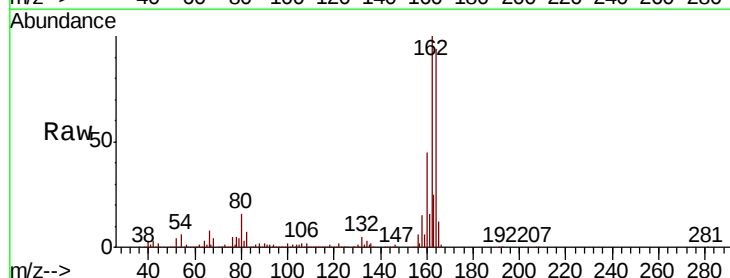
Instrument :
BNA_M
ClientSampleId :
381204024-2

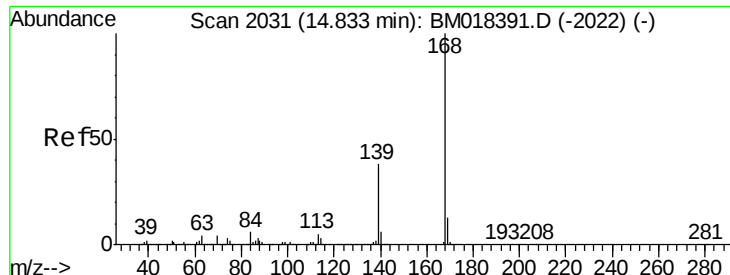
Tgt Ion	Ratio	Lower	Upper
165	100		
63	19.7	45.6	68.4#
89	14.3	44.6	66.8#



#52
Acenaphthene
Concen: 0.074 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.07 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

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





#55

Dibenzofuran

Concen: 0.001 ng

RT: 14.82 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

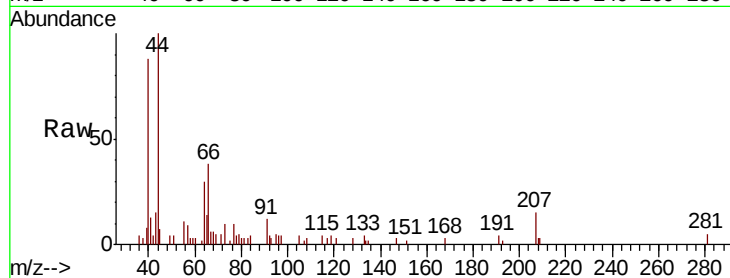
Tgt Ion:168 Resp: 122

Ion Ratio Lower Upper

168 100

139 0.0 30.3 45.5#

169 0.0 10.6 16.0#

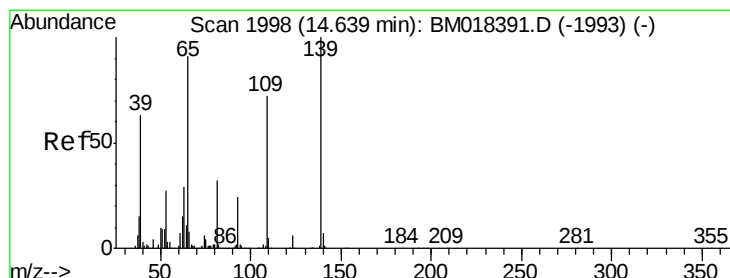
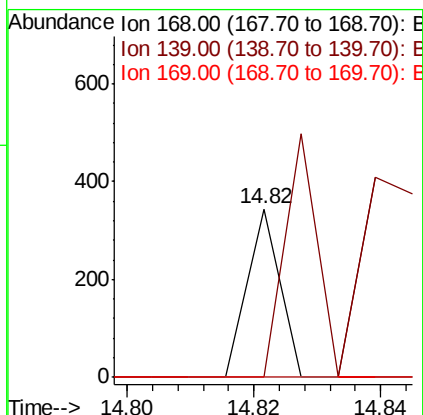
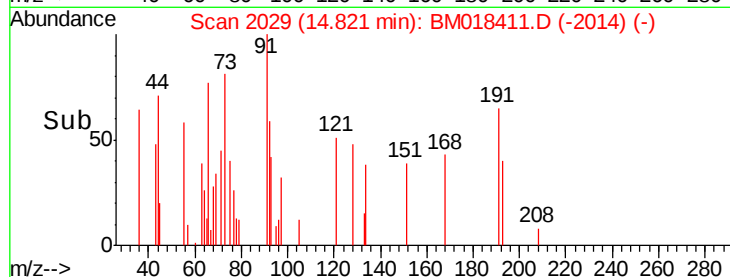


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



#56

4-Nitrophenol

Concen: 5.674 ng

RT: 14.68 min Scan# 2005

Delta R.T. 0.04 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

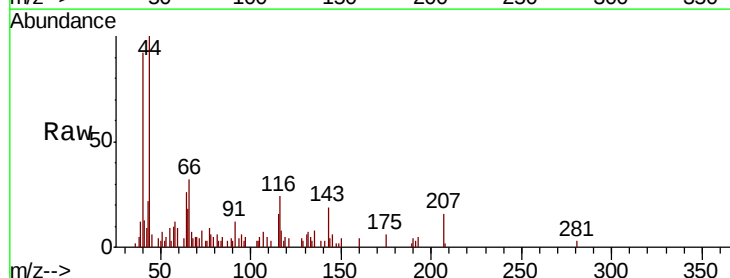
Tgt Ion:139 Resp: 144

Ion Ratio Lower Upper

139 100

109 148.9 51.7 91.7#

65 550.6 71.4 111.4#

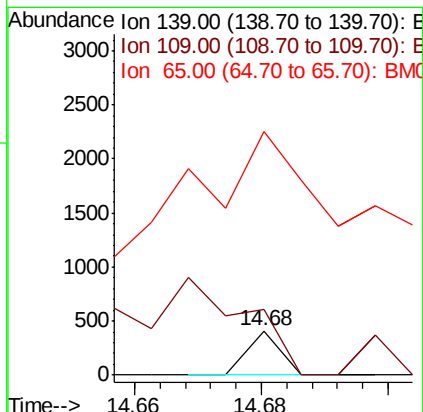
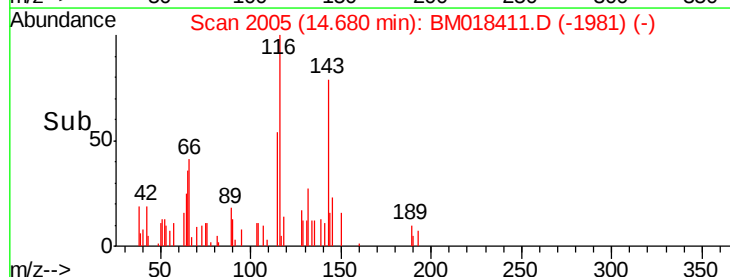


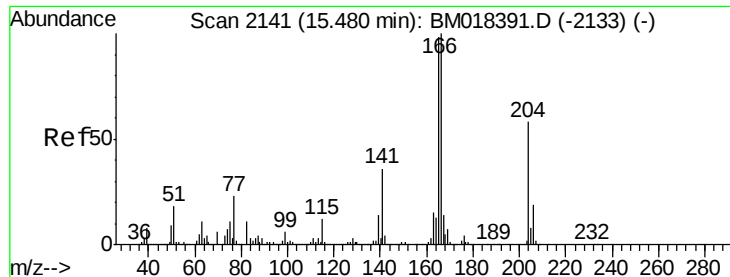
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->





#58

Fluorene

Concen: 0.019 ng

RT: 15.46 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

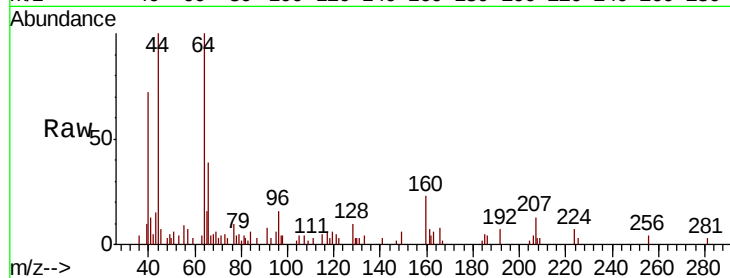
Tgt Ion:166 Resp: 1520

Ion Ratio Lower Upper

166 100

165 0.0 78.3 117.5#

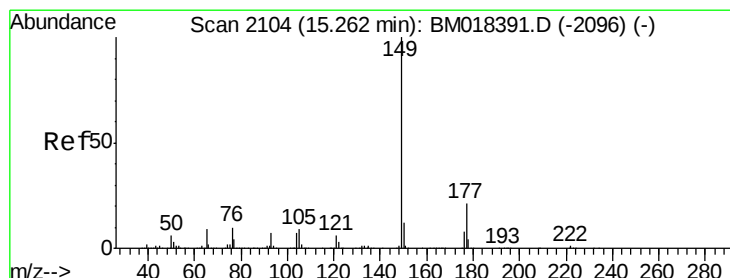
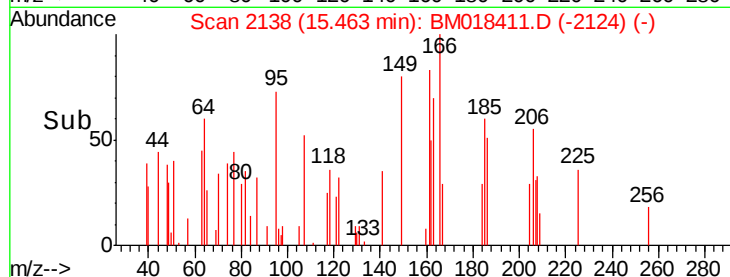
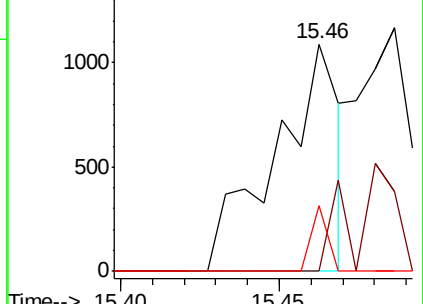
167 28.8 10.9 16.3#



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: 0.192 ng

RT: 15.24 min Scan# 2101

Delta R.T. -0.02 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

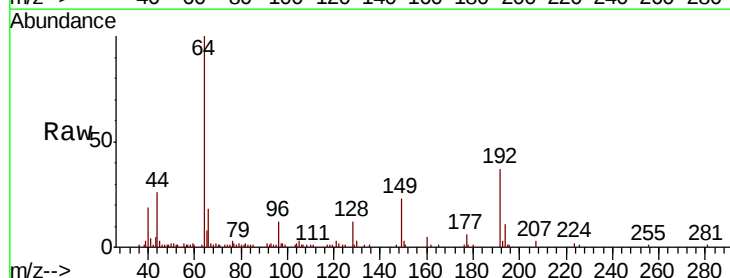
Tgt Ion:149 Resp: 16950

Ion Ratio Lower Upper

149 100

177 24.1 17.1 25.7

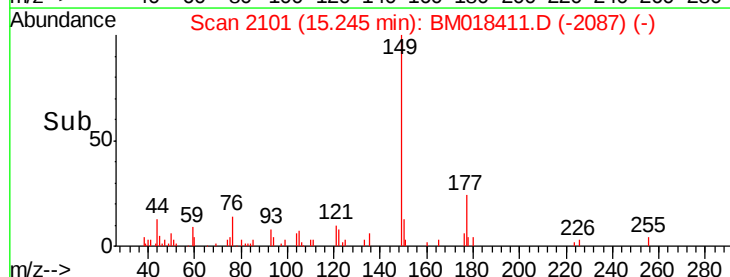
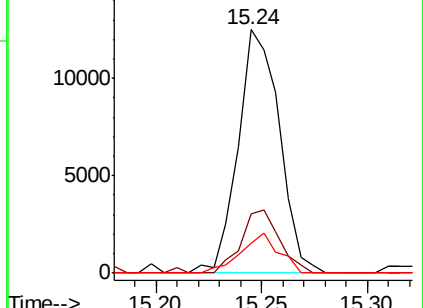
150 12.5 9.8 14.6

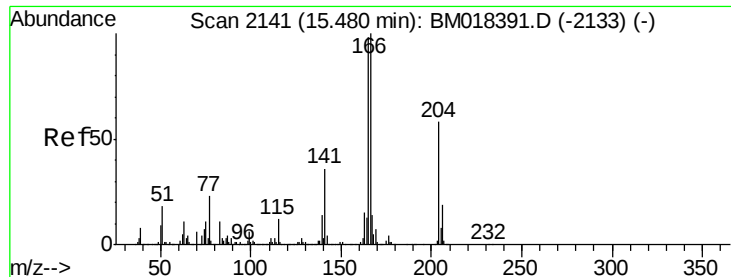


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

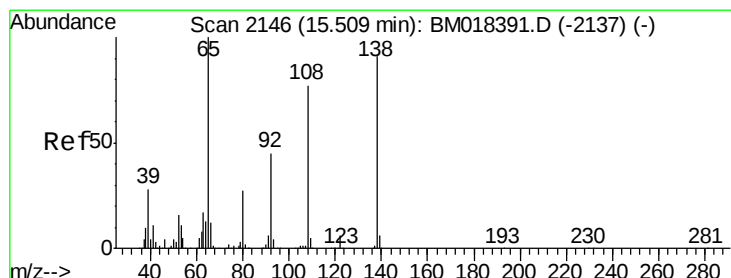
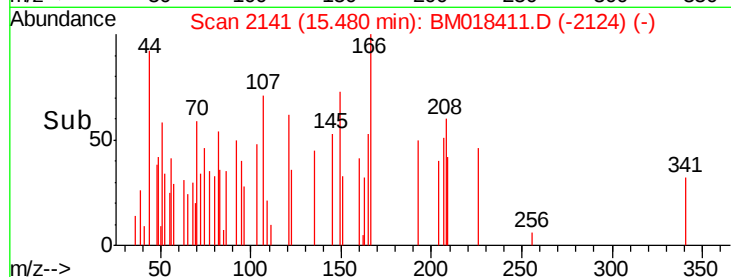
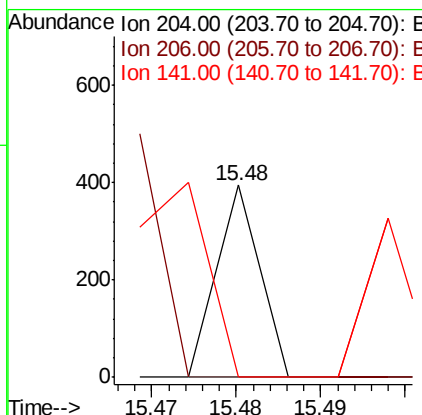
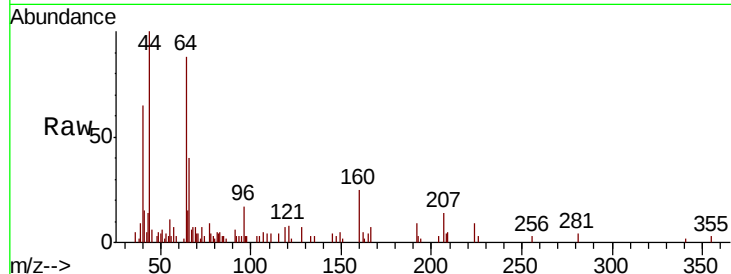




#61
 4-Chlorophenyl-phenylether
 Concen: 0.003 ng
 RT: 15.48 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BM018411.D
 Acq: 28 Dec 2018 00:04

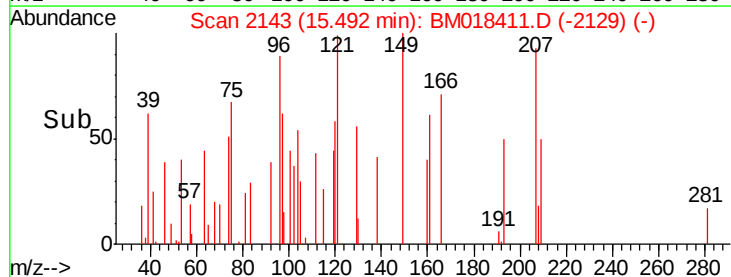
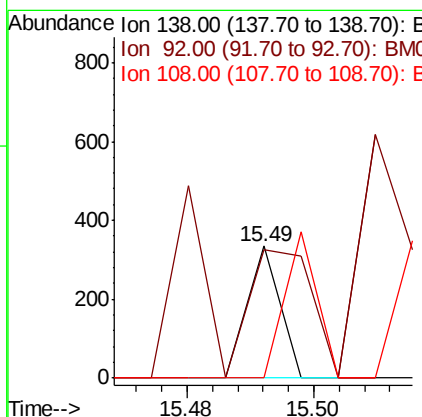
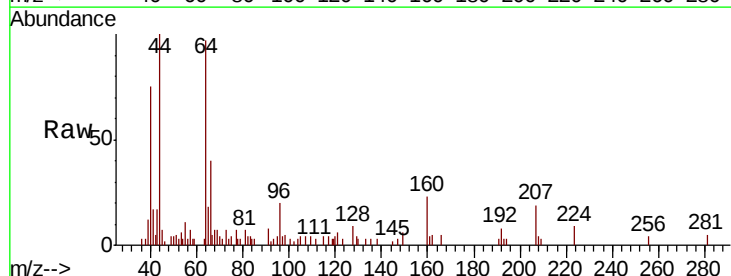
Instrument :
 BNA_M
 ClientSampleId :
 381204024-2

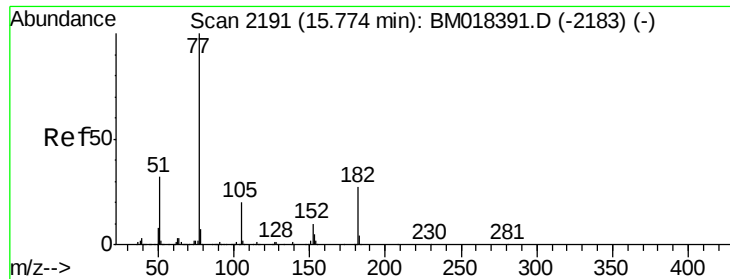
Tgt Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.8	38.6#
141	0.0	49.5	74.3#



#62
 4-Nitroaniline
 Concen: 0.006 ng
 RT: 15.49 min Scan# 2143
 Delta R.T. -0.02 min
 Lab File: BM018411.D
 Acq: 28 Dec 2018 00:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	96.7	29.0	69.0#
108	0.0	63.9	103.9#

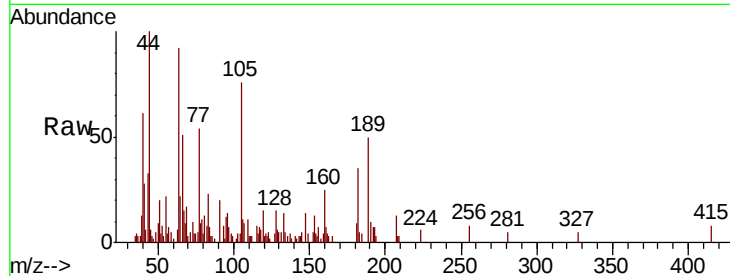




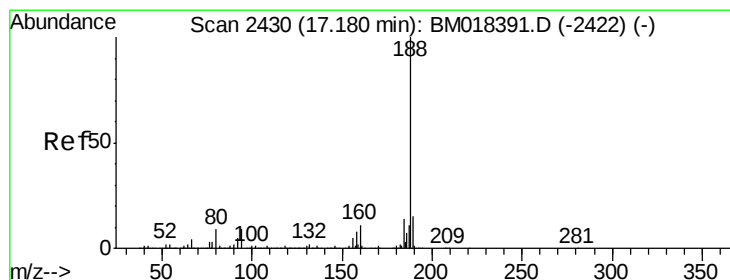
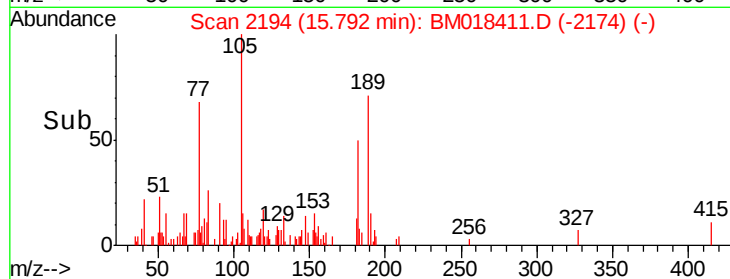
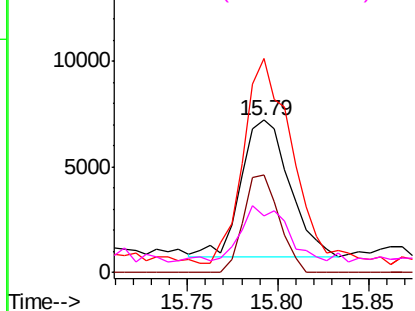
#63
Azobenzene
Concen: 0.152 ng
RT: 15.79 min Scan# 2194
Delta R.T. 0.02 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Instrument :
BNA_M
ClientSampleId :
381204024-2

Tgt Ion: 77 Resp: 12199
Ion Ratio Lower Upper
77 100
182 64.3 7.4 47.4#
105 140.4 0.0 39.6#
51 37.1 12.0 52.0

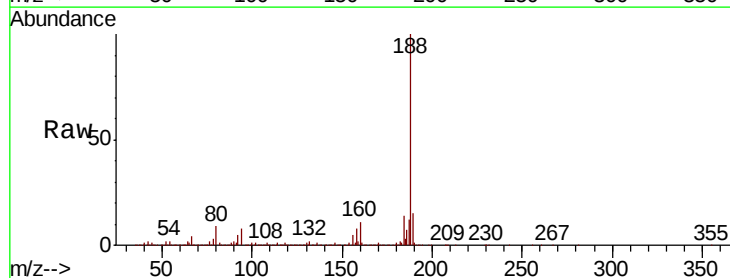


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

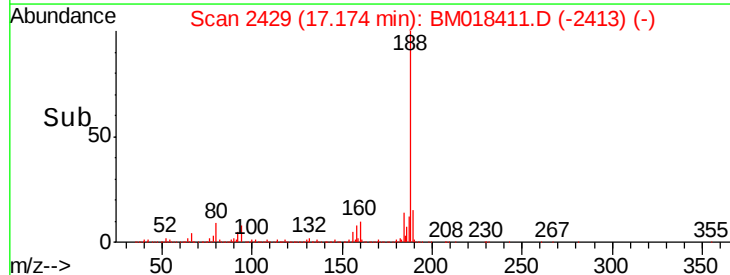
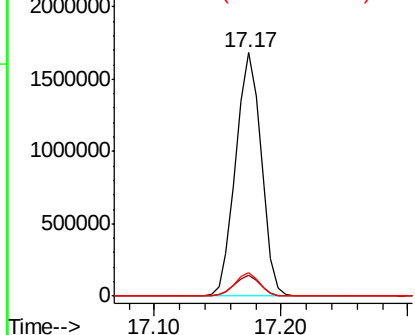


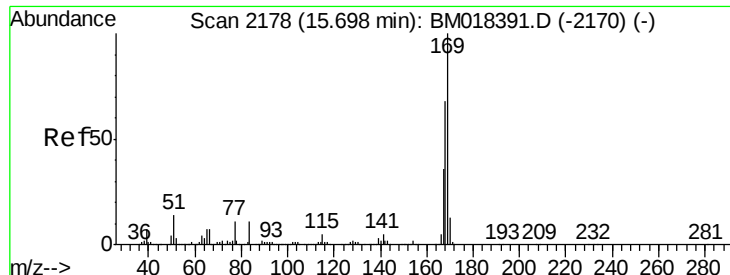
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion: 188 Resp: 2349680
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.4 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

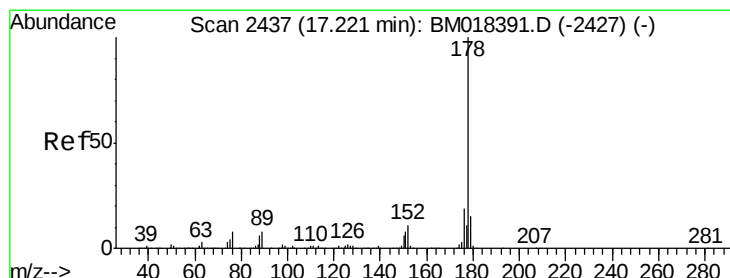
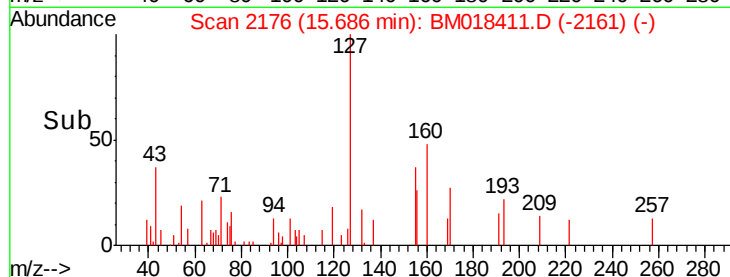
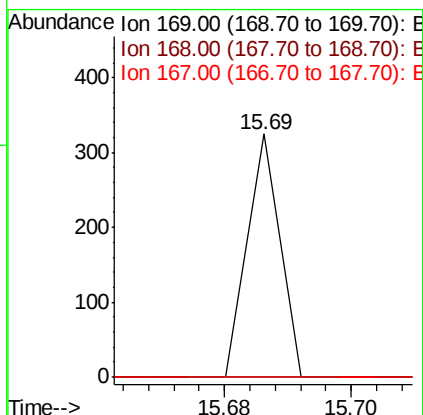
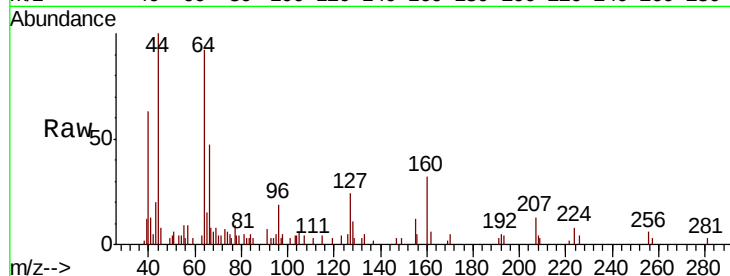




#66
 n-Nitrosodiphenylamine
 Concen: 0.002 ng
 RT: 15.69 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BM018411.D
 Acq: 28 Dec 2018 00:04

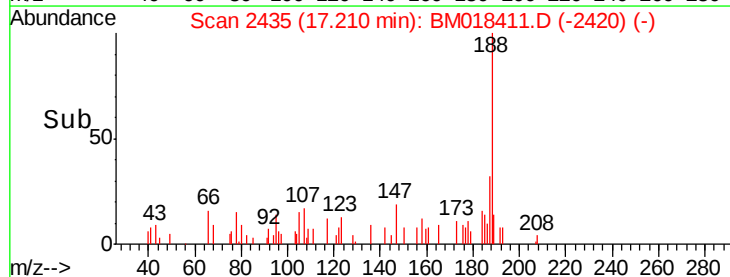
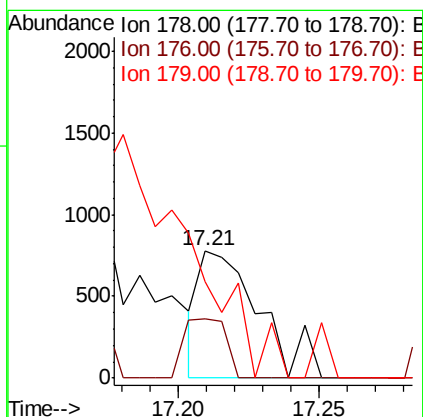
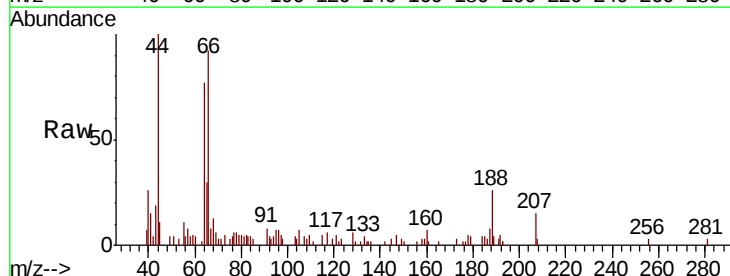
Instrument :
 BNA_M
 ClientSampleId :
 381204024-2

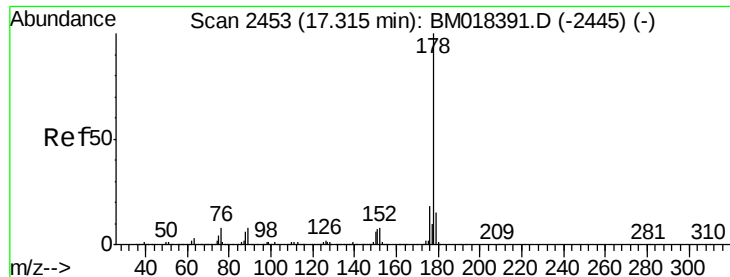
Tgt Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.1	81.1#
167	0.0	28.6	42.8#



#71
 Phenanthrene
 Concen: 0.009 ng
 RT: 17.21 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BM018411.D
 Acq: 28 Dec 2018 00:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	46.7	15.4	23.0#
179	75.5	12.2	18.4#





#72

Anthracene

Concen: 0.004 ng

RT: 17.31 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

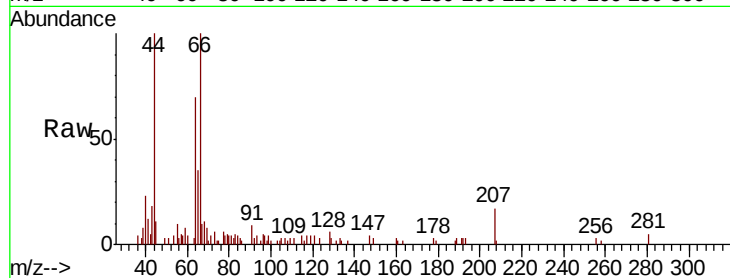
Tgt Ion:178 Resp: 544

Ion Ratio Lower Upper

178 100

176 0.0 14.7 22.1#

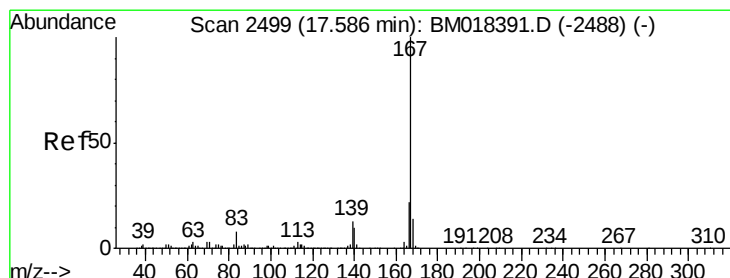
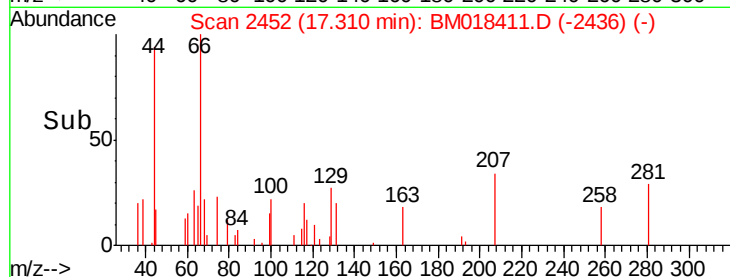
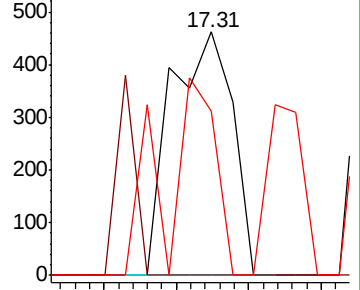
179 67.3 12.2 18.4#



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



#73

Carbazole

Concen: 0.010 ng

RT: 17.57 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

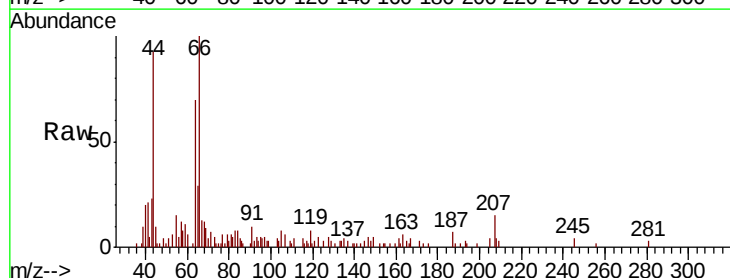
Tgt Ion:167 Resp: 1269

Ion Ratio Lower Upper

167 100

166 44.6 17.4 26.2#

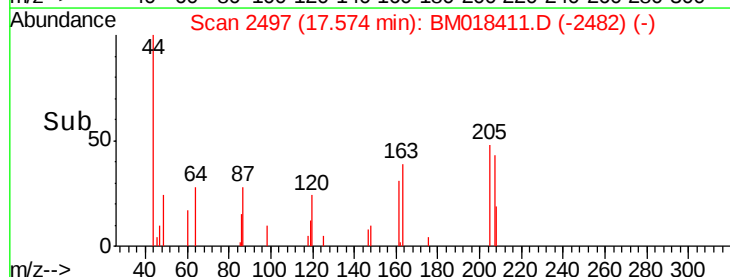
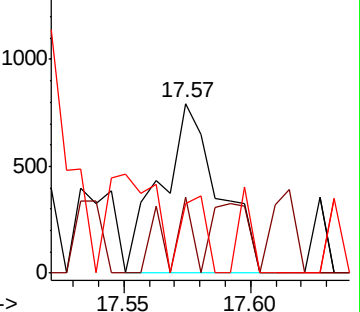
139 40.8 10.6 16.0#

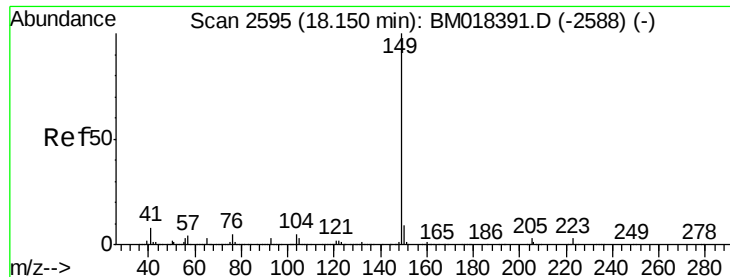


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

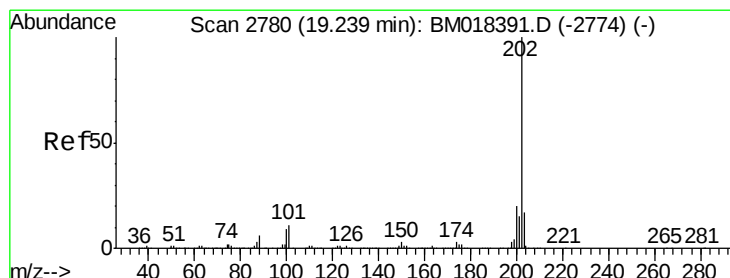
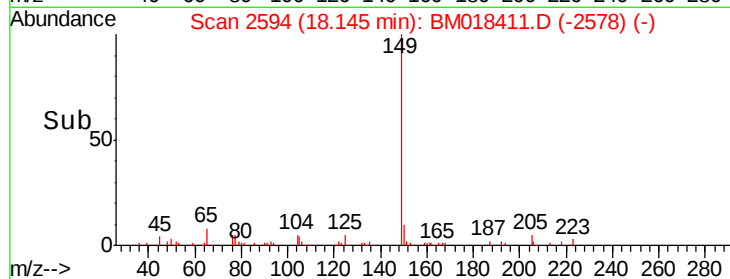
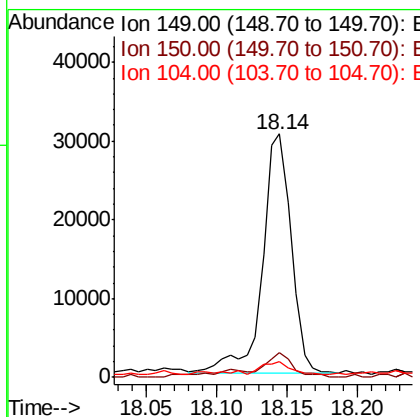
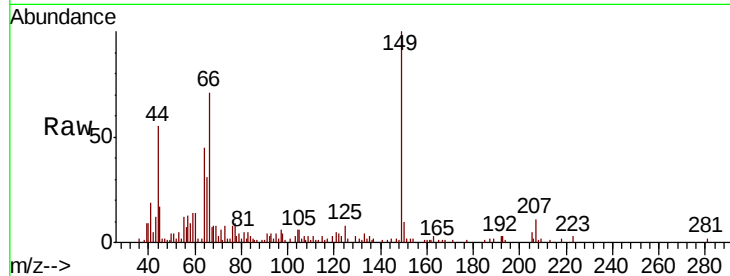




#74
Di-n-butylphthalate
Concen: 0.295 ng
RT: 18.14 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

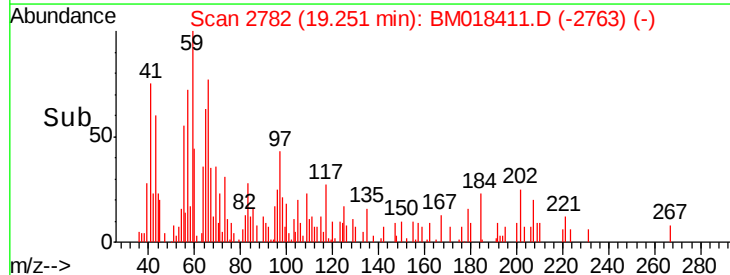
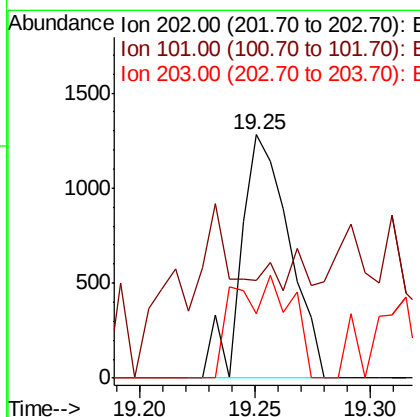
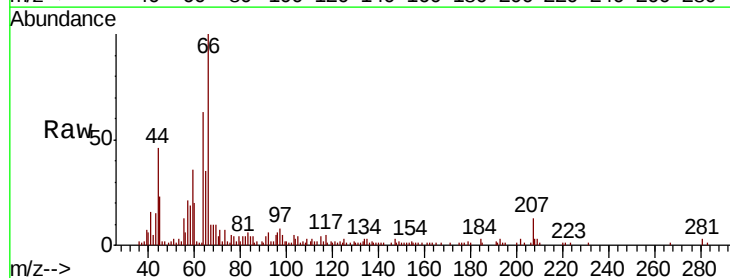
Instrument :
BNA_M
ClientSampleId :
381204024-2

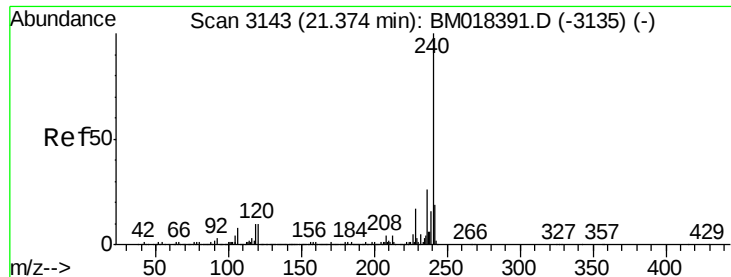
Tgt Ion:149 Resp: 43692
Ion Ratio Lower Upper
149 100
150 10.0 7.3 10.9
104 6.2 4.2 6.4



#75
Fluoranthene
Concen: 0.013 ng
RT: 19.25 min Scan# 2782
Delta R.T. 0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion:202 Resp: 1870
Ion Ratio Lower Upper
202 100
101 40.3 0.0 30.9#
203 26.4 0.0 37.4

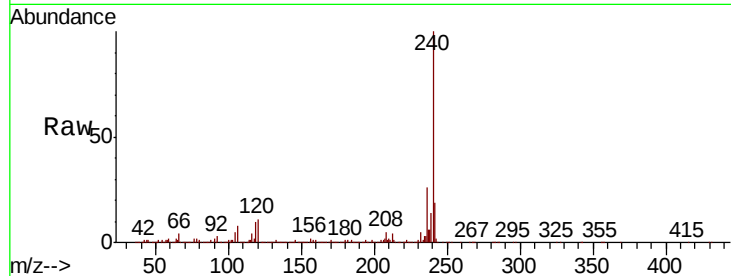




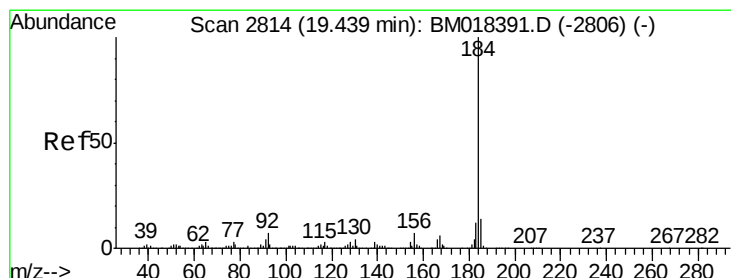
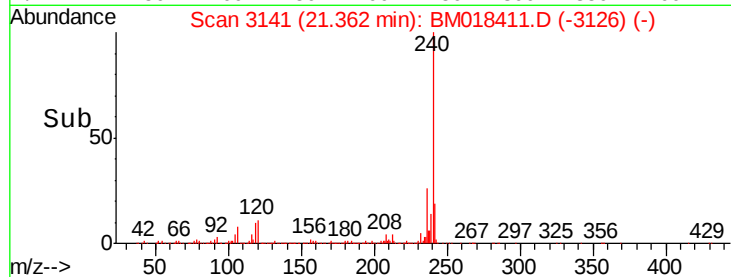
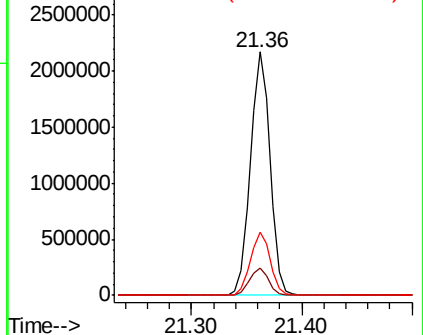
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Instrument :
BNA_M
ClientSampleId :
381204024-2

Tgt Ion:240 Resp: 2720626
Ion Ratio Lower Upper
240 100
120 11.3 8.4 12.6
236 26.2 20.7 31.1

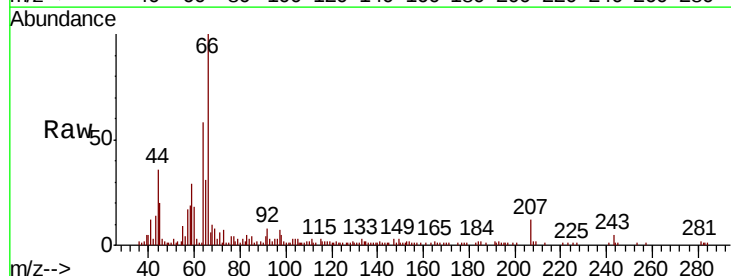


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

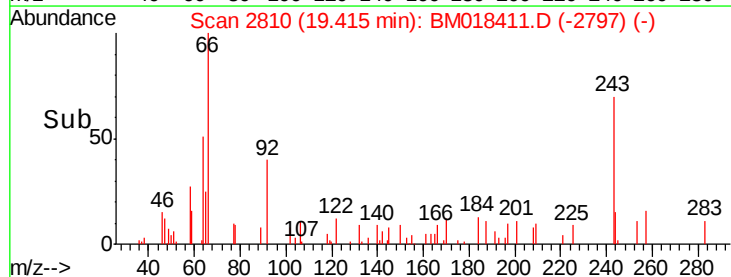
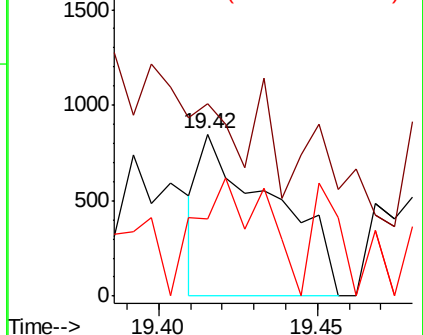


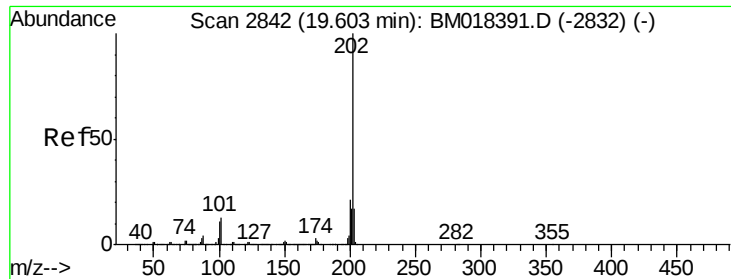
#77
Benzidine
Concen: 0.018 ng
RT: 19.42 min Scan# 2810
Delta R.T. -0.02 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion:184 Resp: 1365
Ion Ratio Lower Upper
184 100
185 119.2 11.4 17.0#
183 48.1 9.5 14.3#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.012 ng

RT: 19.60 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

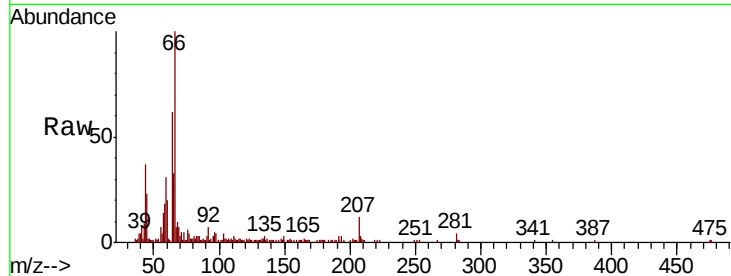
Tgt Ion:202 Resp: 1941

Ion Ratio Lower Upper

202 100

200 22.3 16.6 24.8

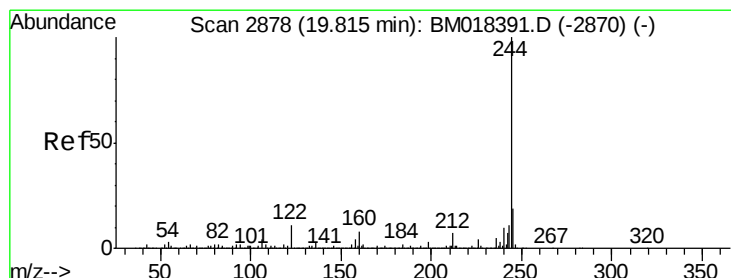
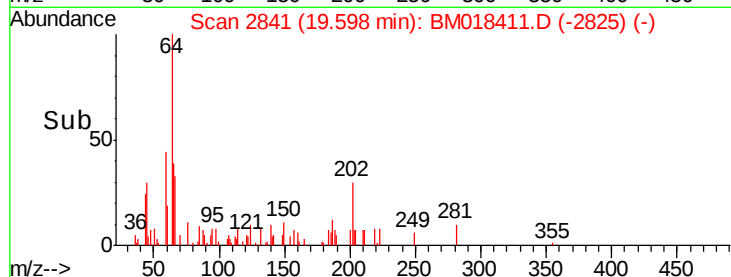
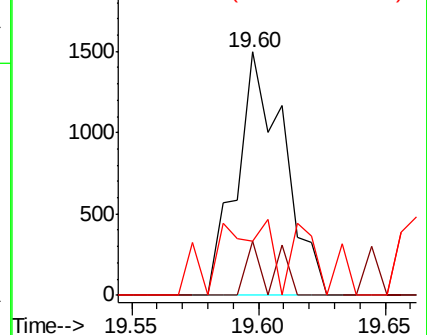
203 22.0 13.8 20.8#



Abundance Ion 202.00 (201.70 to 202.70): E

2000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 27.122 ng

RT: 19.80 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

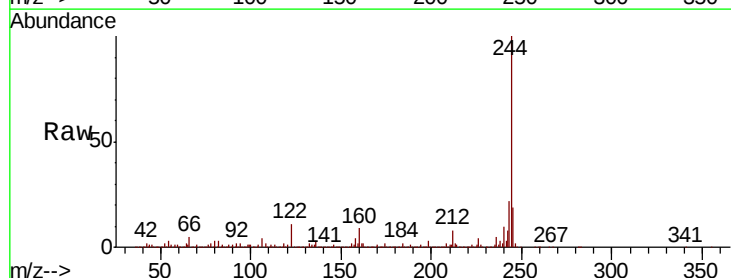
Tgt Ion:244 Resp: 3462791

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

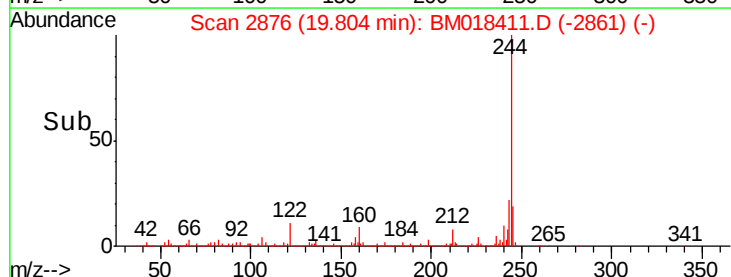
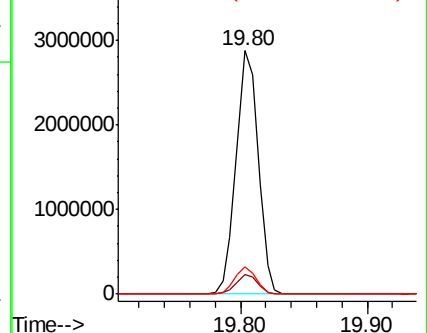
122 11.2 9.0 13.4

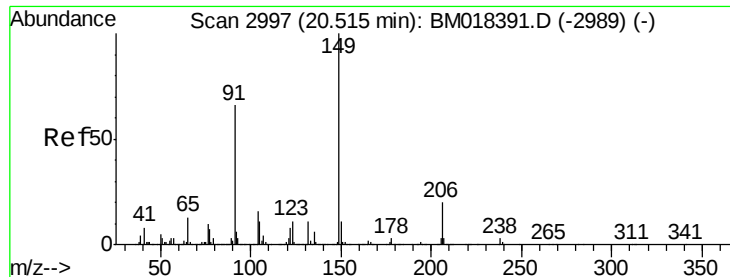


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

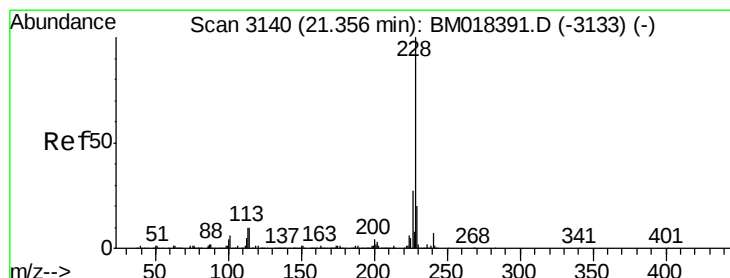
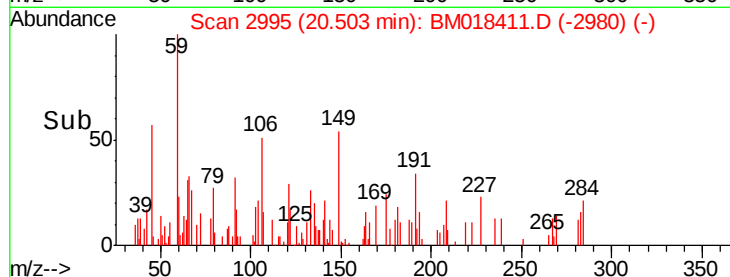
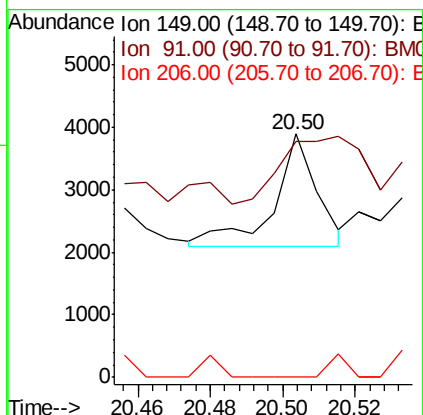
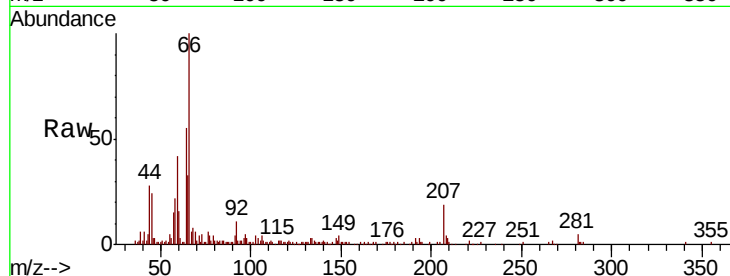




#80
Butylbenzylphthalate
Concen: 6.652 ng
RT: 20.50 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

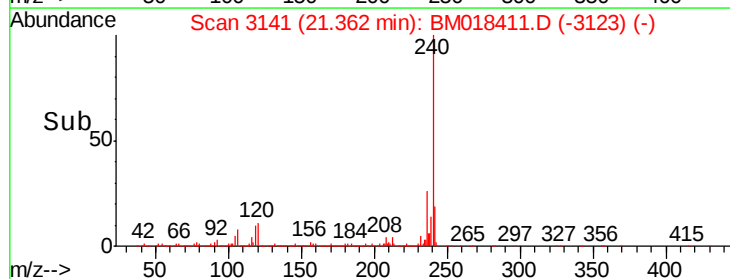
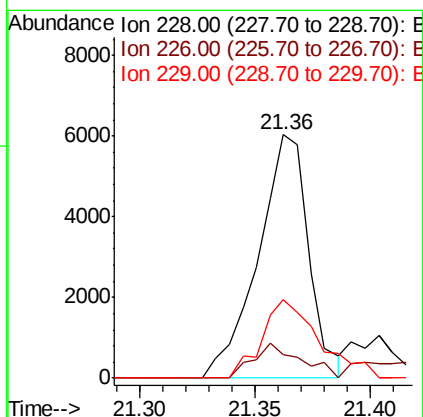
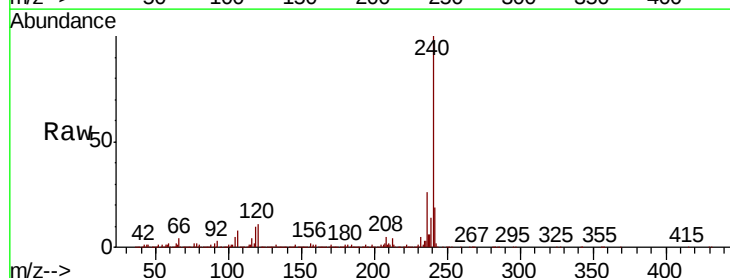
Instrument :
BNA_M
ClientSampleId :
381204024-2

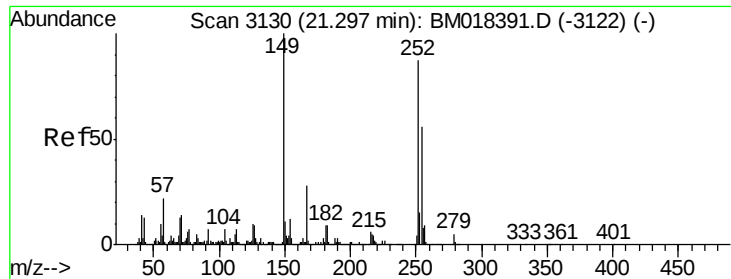
Tgt Ion:149 Resp: 1478
Ion Ratio Lower Upper
149 100
91 96.8 53.1 79.7#
206 0.0 16.2 24.4#



#81
Benzo(a)anthracene
Concen: 0.057 ng
RT: 21.36 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion:228 Resp: 9178
Ion Ratio Lower Upper
228 100
226 9.6 21.8 32.6#
229 32.0 15.8 23.8#





#82

3,3'-Dichlorobenzidine

Concen: 0.011 ng

RT: 21.27 min Scan# 3125

Delta R.T. -0.03 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampled :

381204024-2

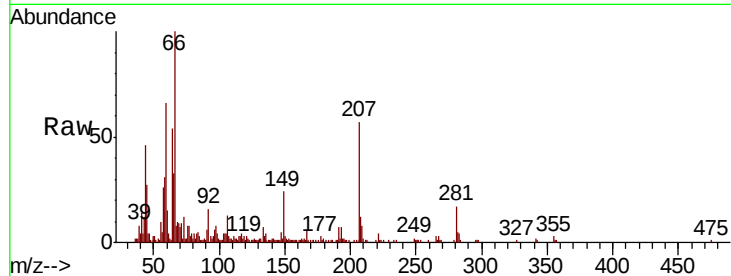
Tgt Ion:252 Resp: 650

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.0#

126 62.9 8.7 13.1#

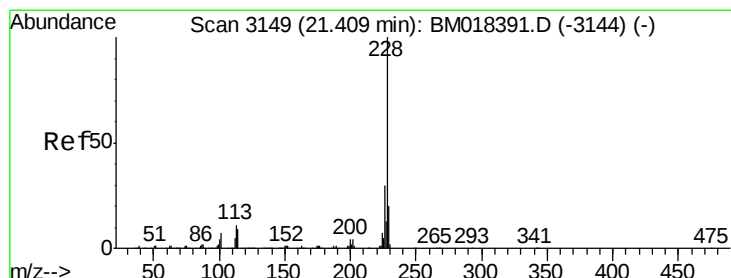
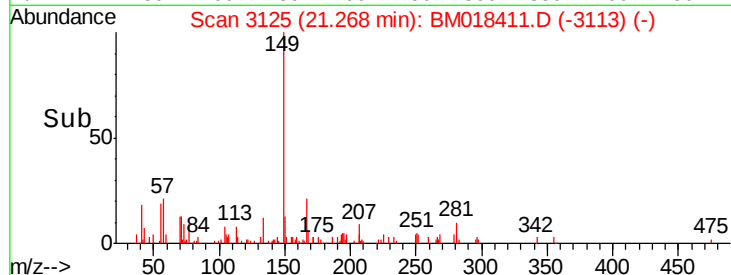
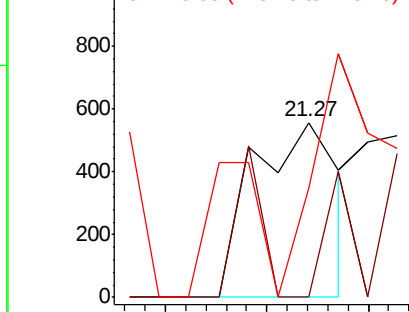


Abundance

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: 0.008 ng

RT: 21.40 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

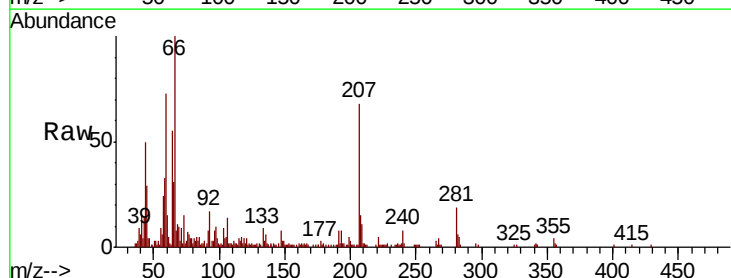
Tgt Ion:228 Resp: 1291

Ion Ratio Lower Upper

228 100

226 35.4 24.2 36.2

229 0.0 15.6 23.4#

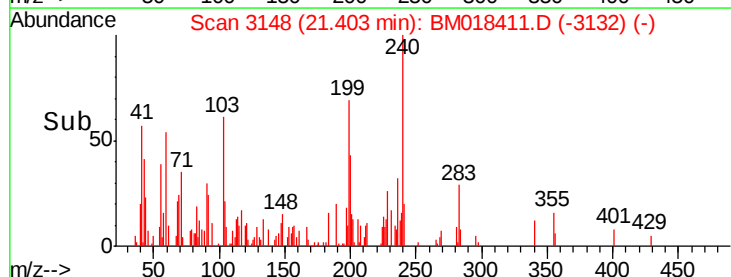
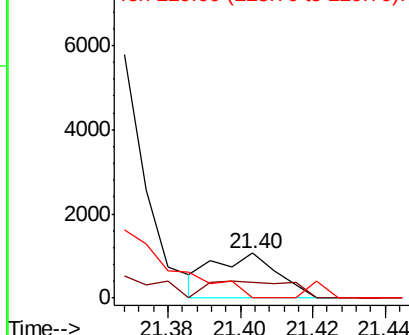


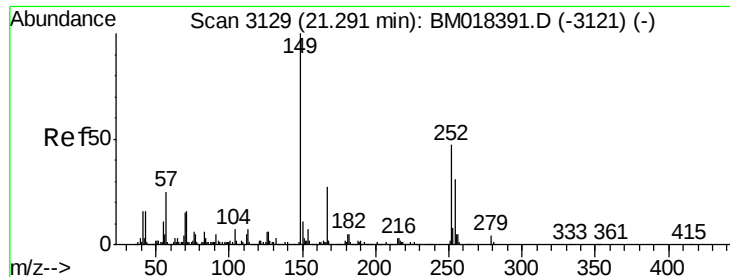
Abundance

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

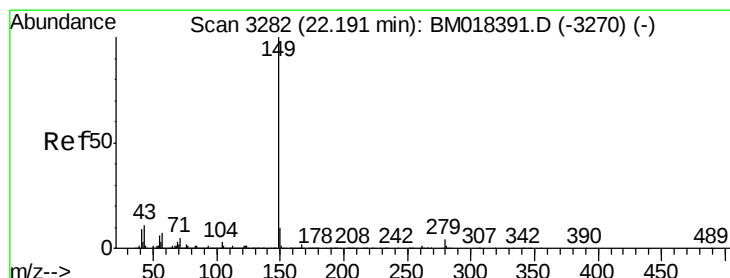
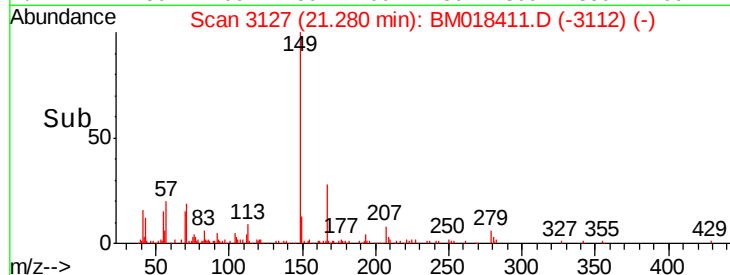
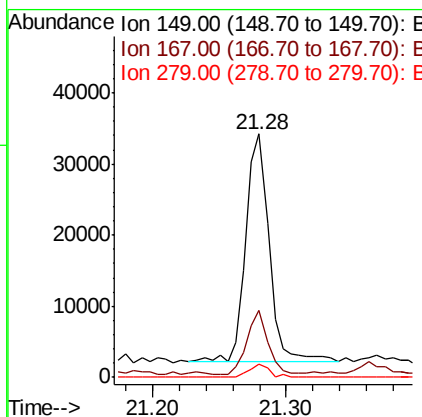
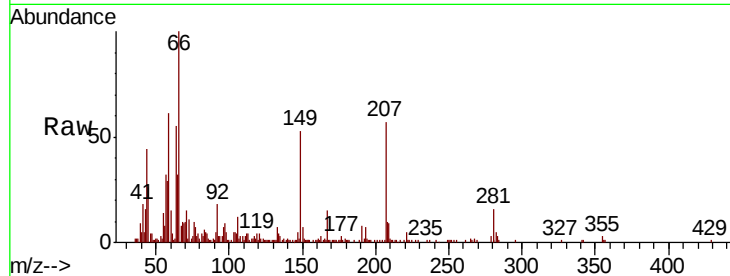




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.363 ng
 RT: 21.28 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BM018411.D
 Acq: 28 Dec 2018 00:04

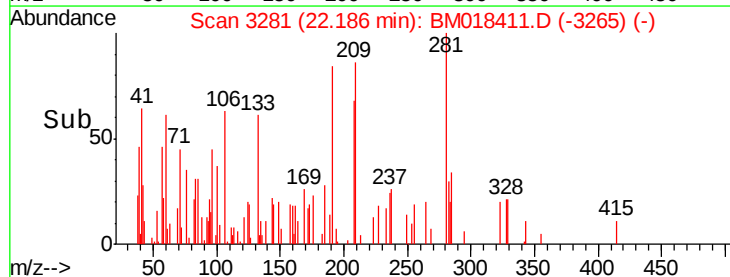
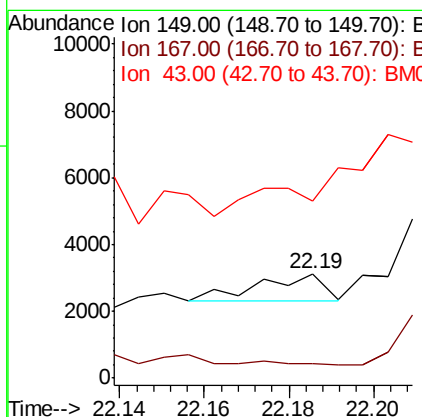
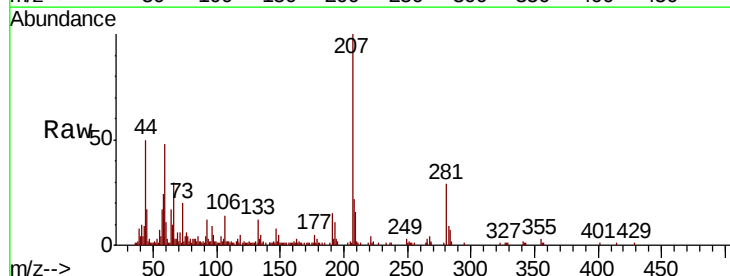
Instrument :
 BNA_M
 ClientSampleId :
 381204024-2

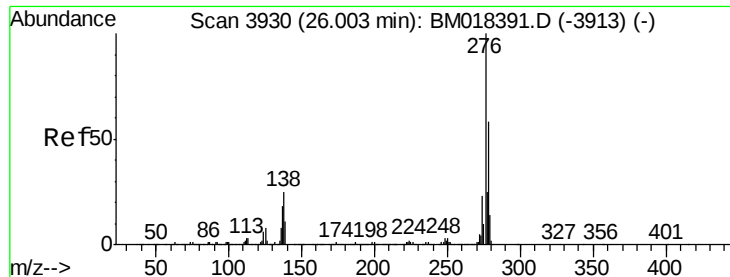
Tgt Ion:149 Resp: 38691
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.6 32.4
 279 5.7 3.3 4.9#



#85
 Di-n-octyl phthalate
 Concen: 0.005 ng
 RT: 22.19 min Scan# 3281
 Delta R.T. -0.01 min
 Lab File: BM018411.D
 Acq: 28 Dec 2018 00:04

Tgt Ion:149 Resp: 883
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 8.6 12.8#

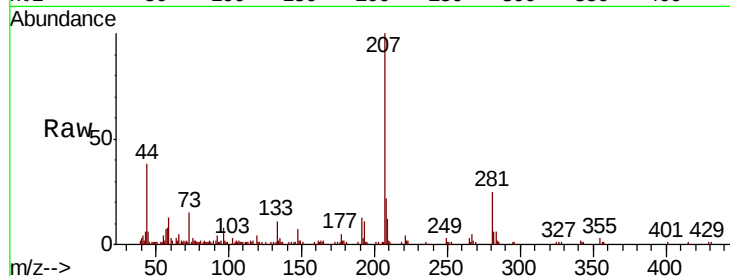




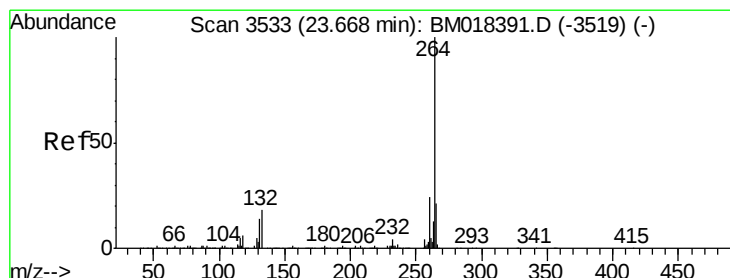
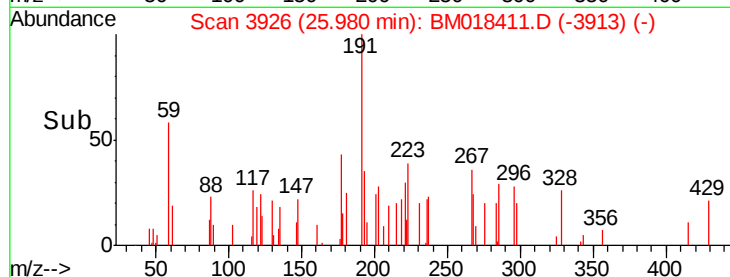
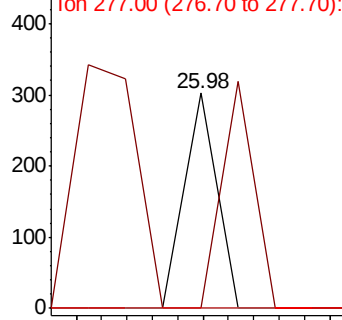
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.98 min Scan# 3926
Delta R.T. -0.02 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Instrument :
BNA_M
ClientSampleId :
381204024-2

Tgt Ion: 276 Resp: 107
Ion Ratio Lower Upper
276 100
138 105.6 21.5 32.3#
277 0.0 20.2 30.2#

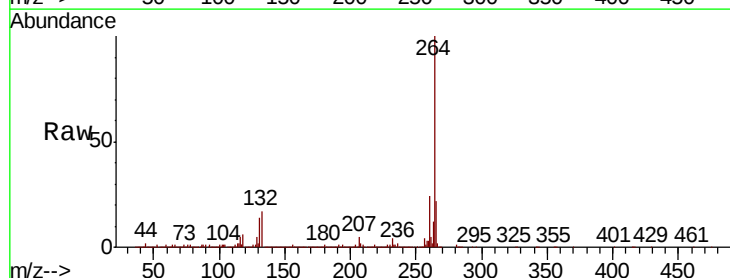


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

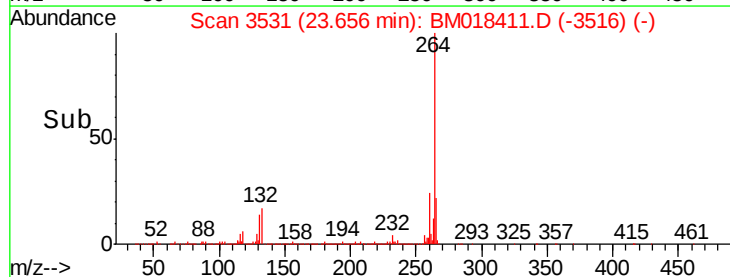
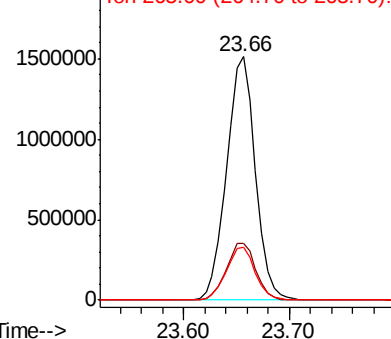


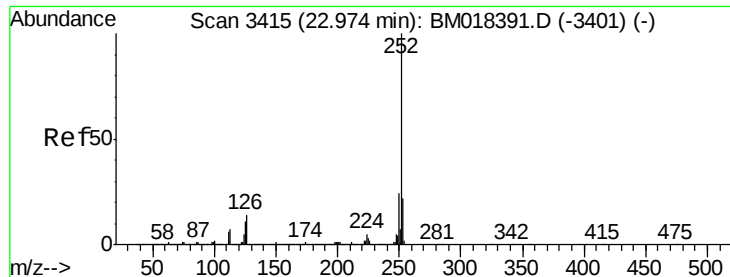
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BM018411.D
Acq: 28 Dec 2018 00:04

Tgt Ion: 264 Resp: 2857183
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.9 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: 0.008 ng

RT: 22.95 min Scan# 3411

Delta R.T. -0.02 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

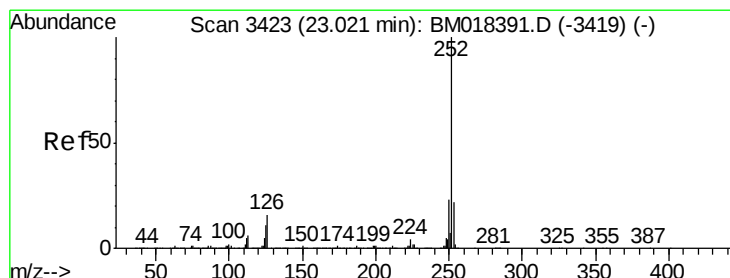
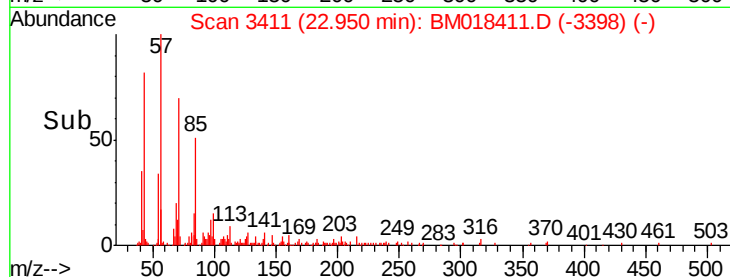
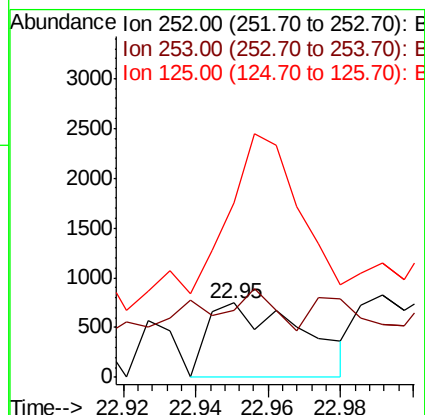
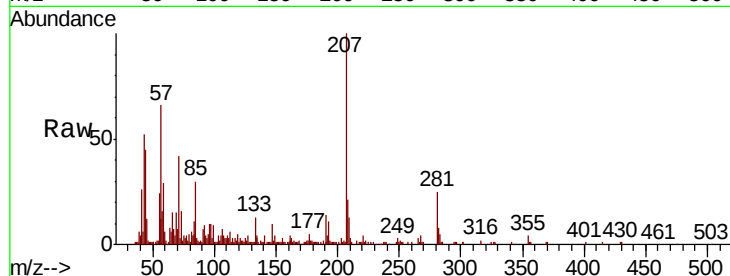
Tgt Ion:252 Resp: 1344

Ion Ratio Lower Upper

252 100

253 90.5 17.6 26.4#

125 235.5 8.5 12.7#



#89

Benzo(k)fluoranthene

Concen: 0.014 ng

RT: 22.99 min Scan# 3418

Delta R.T. -0.03 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

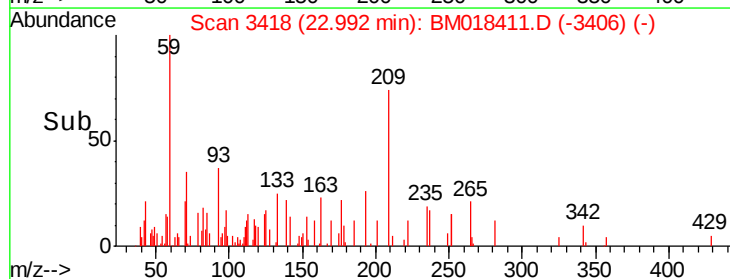
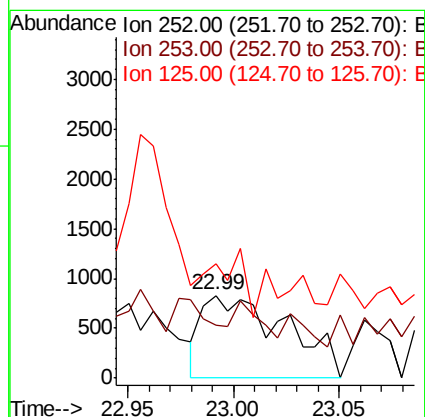
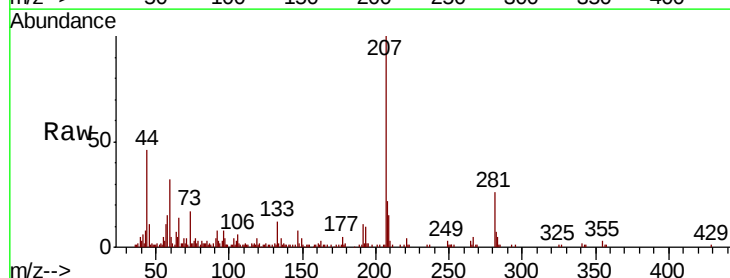
Tgt Ion:252 Resp: 2278

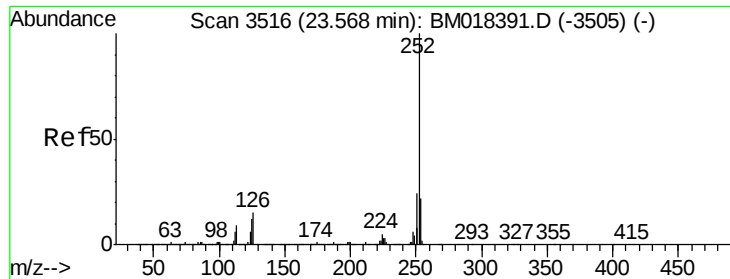
Ion Ratio Lower Upper

252 100

253 63.3 17.4 26.0#

125 138.9 8.6 12.8#





#90

Benzo(a)pyrene

Concen: 0.016 ng

RT: 23.54 min Scan# 3512

Delta R.T. -0.02 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

Instrument :

BNA_M

ClientSampleId :

381204024-2

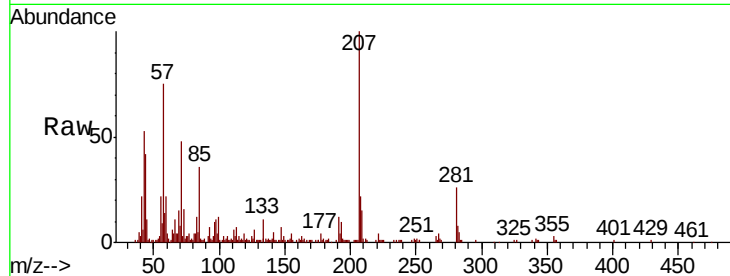
Tgt Ion:252 Resp: 2464

Ion Ratio Lower Upper

252 100

253 82.2 17.5 26.3#

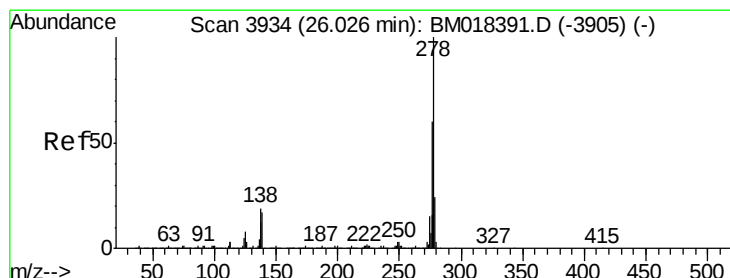
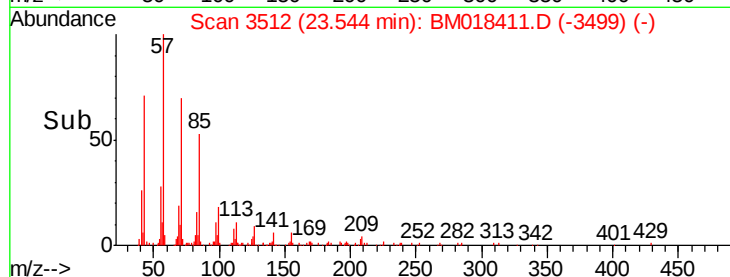
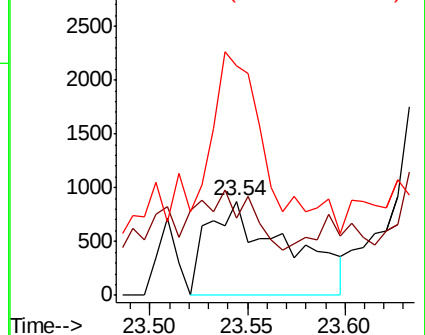
125 243.5 9.7 14.5#



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: 26.00 min Scan# 3930

Delta R.T. -0.02 min

Lab File: BM018411.D

Acq: 28 Dec 2018 00:04

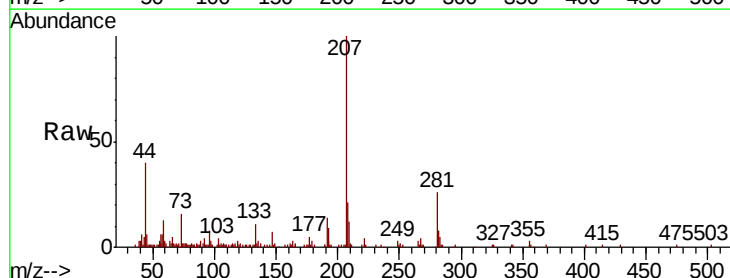
Tgt Ion:278 Resp: 112

Ion Ratio Lower Upper

278 100

139 95.3 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

