

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018409.D
 Acq On : 27 Dec 2018 22:52
 Operator : JU/SJ
 Sample : J6572-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381204089-3

Quant Time: Dec 28 04:07:29 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	309885	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1419419	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	875185	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	2044443	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2344898	20.00	ng	-0.01
87) Perylene-d12	23.66	264	2568605	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	186402	11.34	ng	0.00
7) Phenol-d6	6.93	99	184868	8.10	ng	0.00
23) Nitrobenzene-d5	8.94	82	469742	18.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	271741	24.44	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1246225	19.29	ng	0.00
79) Terphenyl-d14	19.80	244	3173279	28.84	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	1356	0.203	ng	# 53
3) Pyridine	3.69	79	152	0.008	ng	# 1
4) n-Nitrosodimethylamine	3.60	42	540	0.072	ng	# 1
6) Aniline	7.11	93	321	0.011	ng	# 24
9) Benzaldehyde	6.94	77	2781	0.174	ng	# 39
10) Phenol	6.96	94	905	0.039	ng	# 1
11) bis(2-Chloroethyl)ether	7.22	93	108	0.006	ng	# 20
15) Benzyl Alcohol	8.05	79	347	0.020	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	8.25	45	599	0.021	ng	# 69
19) n-Nitroso-di-n-propylamine	8.60	70	113	0.006	ng	# 12
20) 3+4-Methylphenols	8.53	107	113	0.005	ng	# 1
22) Acetophenone	8.60	105	1208	0.034	ng	# 37
24) Nitrobenzene	8.99	77	297	0.012	ng	# 38
25) Isophorone	9.50	82	383	0.009	ng	# 64
27) 2,4-Dimethylphenol	9.80	122	131	0.007	ng	# 3
31) Naphthalene	10.63	128	817	0.012	ng	# 69
32) Benzoic acid	9.80	122	131	3.119	ng	# 1
36) 4-Chloro-3-methylphenol	11.83	107	106	0.005	ng	# 17
37) 2-Methylnaphthalene	12.24	142	109	0.002	ng	# 15
46) 1,1'-Biphenyl	13.25	154	2832	0.038	ng	# 91
50) Dimethylphthalate	13.89	163	280	0.004	ng	# 78
51) 2,6-Dinitrotoluene	13.95	165	2227	0.145	ng	# 23
52) Acenaphthene	14.42	154	3180	0.060	ng	# 4
58) Fluorene	15.47	166	1205	0.018	ng	# 9
60) Diethylphthalate	15.25	149	10148	0.133	ng	# 85
63) Azobenzene	15.76	77	662	0.009	ng	# 50
71) Phenanthrene	17.22	178	1288	0.012	ng	# 52
72) Anthracene	17.31	178	180	0.002	ng	# 61
73) Carbazole	17.58	167	979	0.009	ng	# 59
74) Di-n-butylphthalate	18.14	149	10590	0.082	ng	# 91
75) Fluoranthene	19.23	202	1462	0.011	ng	# 59
77) Benzidine	19.43	184	615	0.009	ng	# 1
78) Pyrene	19.60	202	1879	0.014	ng	# 76
80) Butylbenzylphthalate	20.50	149	456	6.640	ng	# 1

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018409.D
 Acq On : 27 Dec 2018 22:52
 Operator : JU/SJ
 Sample : J6572-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 381204089-3

Quant Time: Dec 28 04:07:29 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

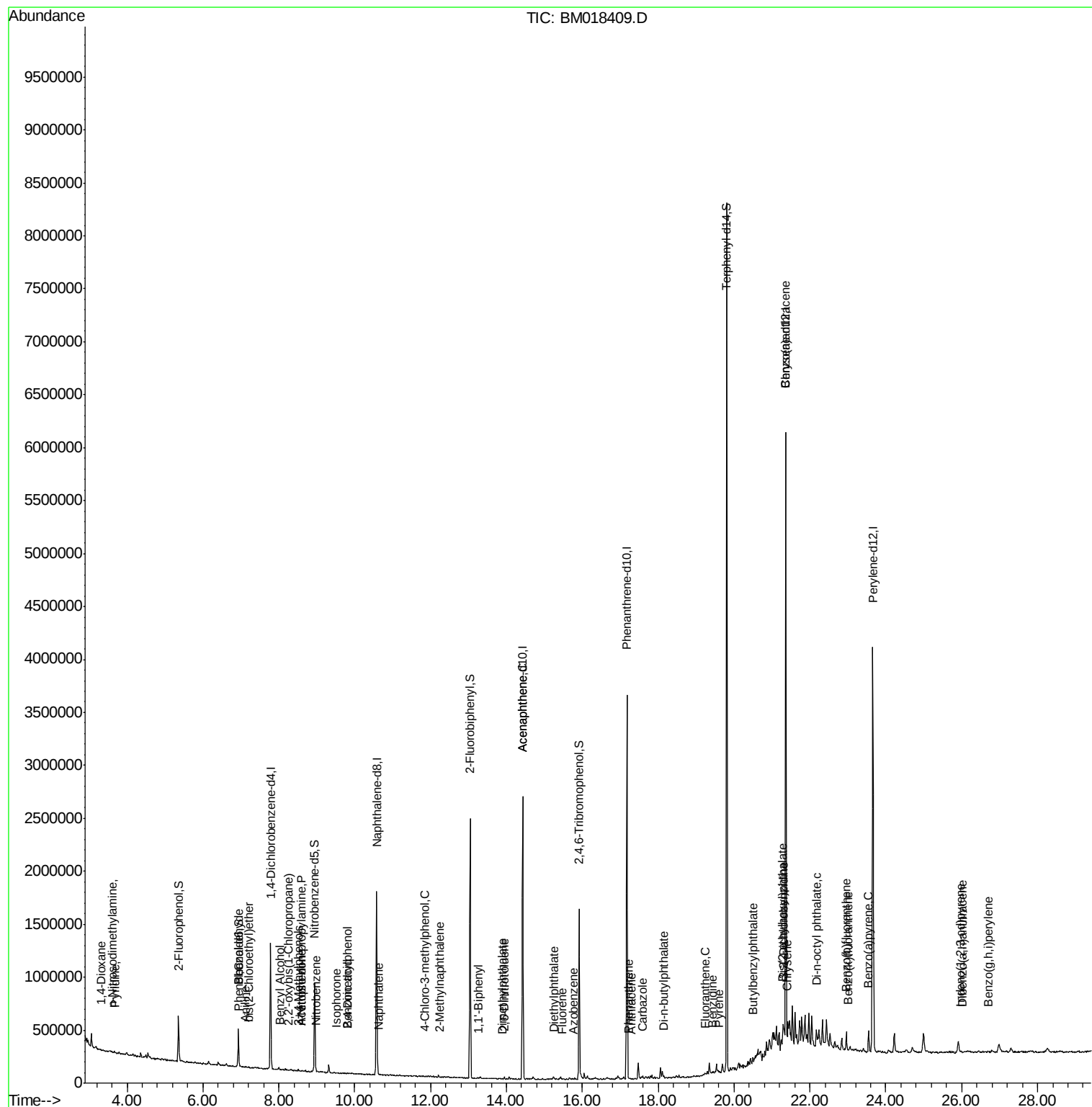
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	21.36	228	8073	0.059	ng	# 63
82) 3,3'-Dichlorobenzidine	21.29	252	2654	0.050	ng	# 73
83) Chrysene	21.40	228	1042	0.008	ng	# 55
84) Bis(2-ethylhexyl)phthalate	21.28	149	37769	0.412	ng	98
85) Di-n-octyl phthalate	22.17	149	983	0.006	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.96	276	189	0.001	ng	# 49
88) Benzo(b)fluoranthene	22.97	252	2163	0.015	ng	# 28
89) Benzo(k)fluoranthene	23.00	252	1480	0.010	ng	# 3
90) Benzo(a)pyrene	23.56	252	1671	0.012	ng	# 1
91) Dibenzo(a,h)anthracene	26.00	278	108	0.001	ng	# 1
92) Benzo(g,h,i)perylene	26.70	276	109	0.001	ng	# 52

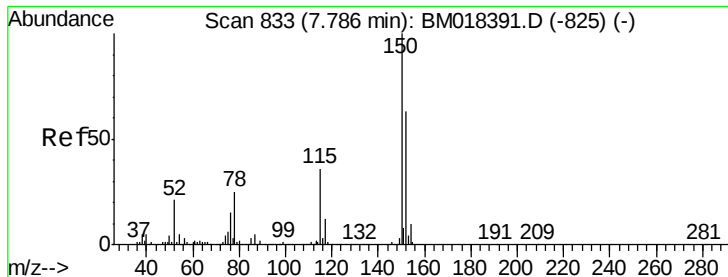
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018409.D
Acq On : 27 Dec 2018 22:52
Operator : JU/SJ
Sample : J6572-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
381204089-3

Quant Time: Dec 28 04:07:29 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



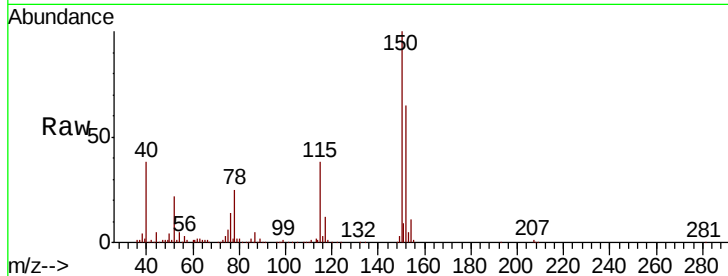


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

Instrument :
BNA_M
ClientSampleId :
381204089-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.9	190.3
115	57.8	45.5	68.3

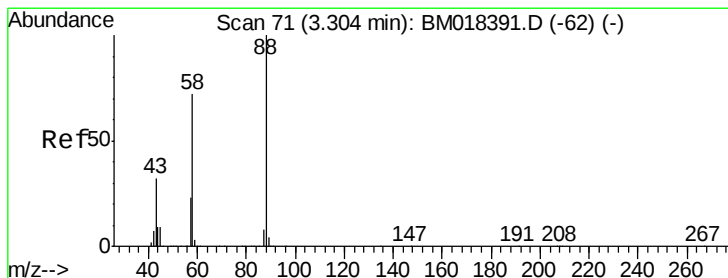
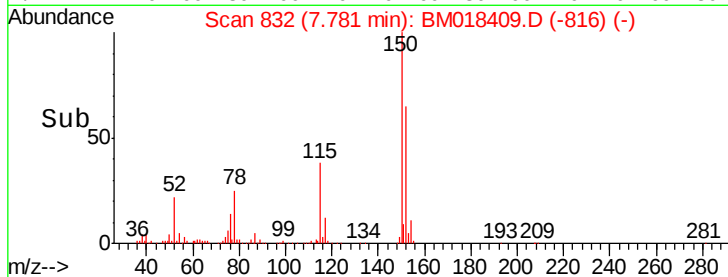
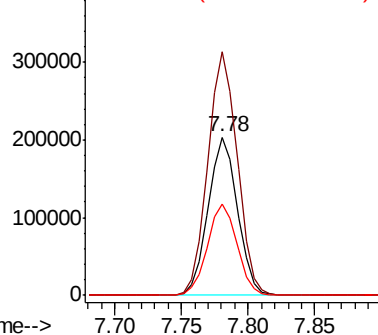


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

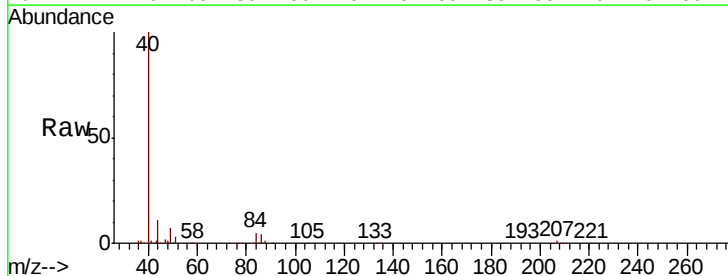
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.203 ng
RT: 3.32 min Scan# 73
Delta R.T. 0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	58.4	87.6
43	112.5	26.2	39.4#

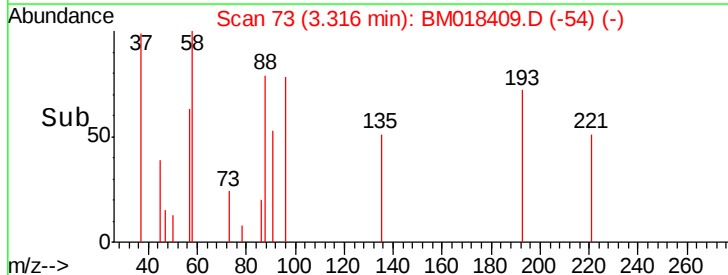
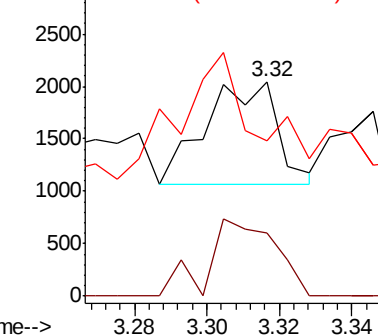


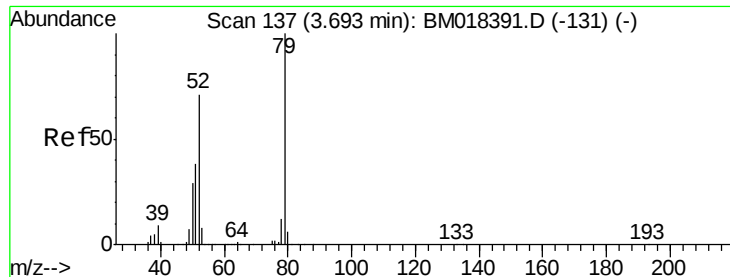
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 0.008 ng

RT: 3.69 min Scan# 136

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

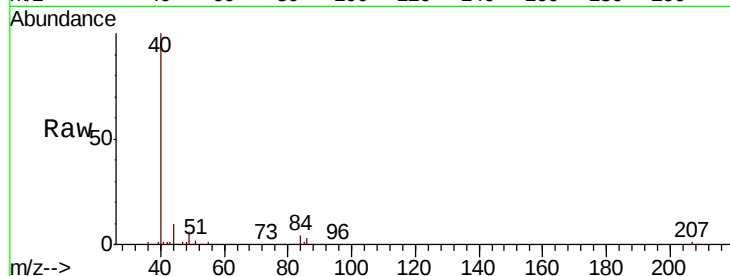
Tgt Ion: 79 Resp: 152

Ion Ratio Lower Upper

79 100

52 120.9 56.4 84.6#

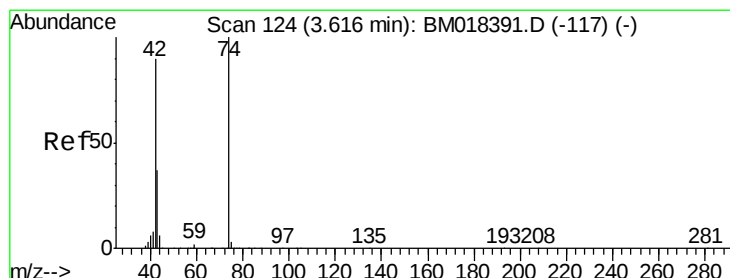
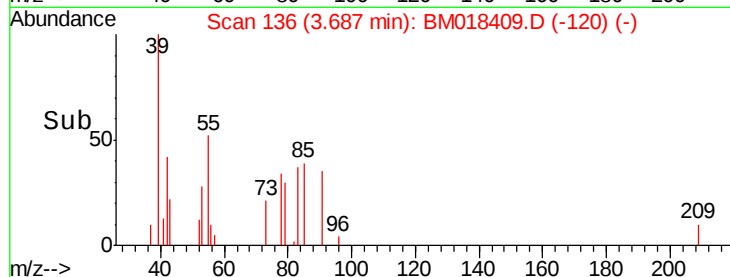
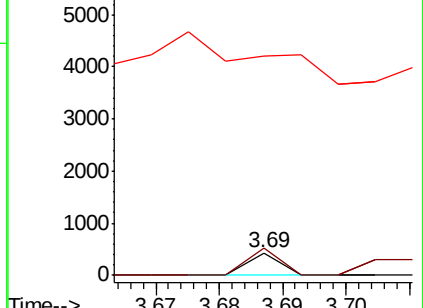
51 978.1 31.0 46.4#



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

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

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



#4

n-Nitrosodimethylamine

Concen: 0.072 ng

RT: 3.60 min Scan# 122

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

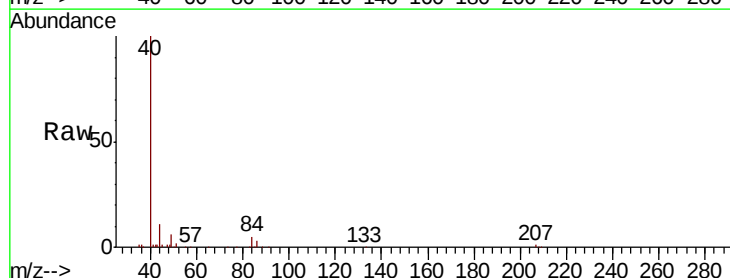
Tgt Ion: 42 Resp: 540

Ion Ratio Lower Upper

42 100

74 0.0 88.6 132.8#

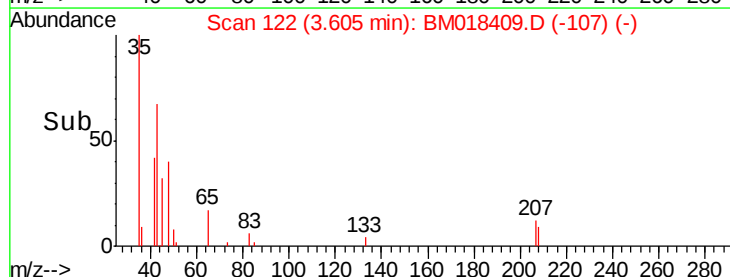
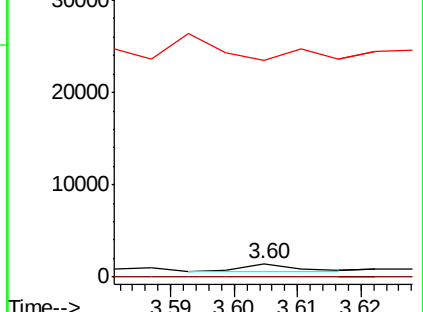
44 1611.5 16.9 25.3#

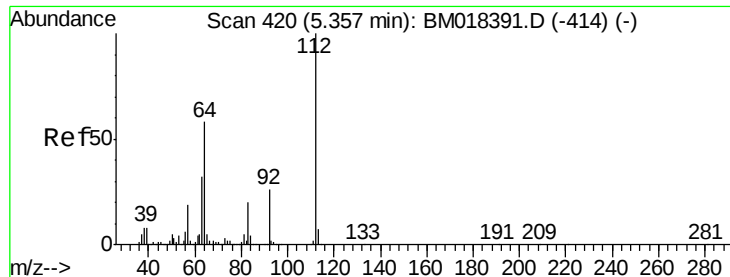


Abundance Ion 42.00 (41.70 to 42.70): BM018391.D (-117) (-)

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: 11.341 ng

RT: 5.36 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

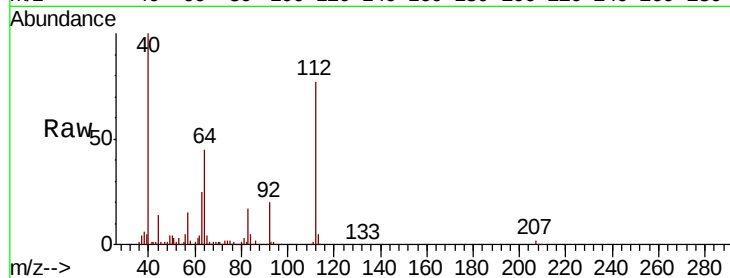
Instrument :

BNA_M

ClientSampleId :

381204089-3

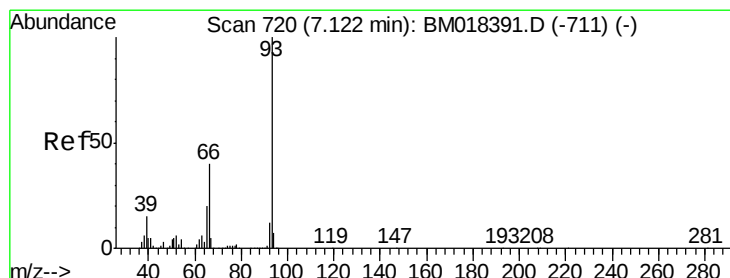
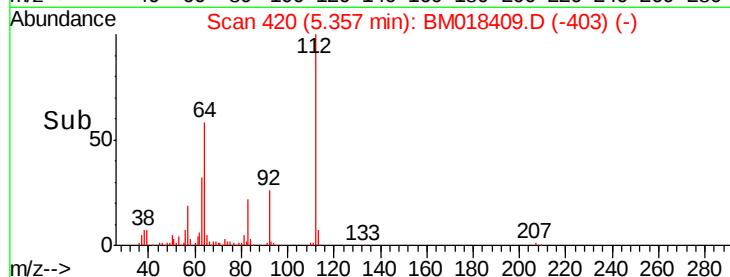
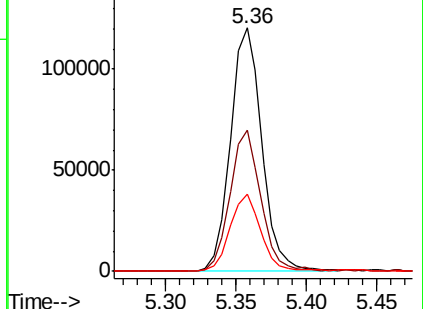
Tgt Ion:	112	Resp:	186402
Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.5	69.7
63	31.9	25.2	37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 0.011 ng

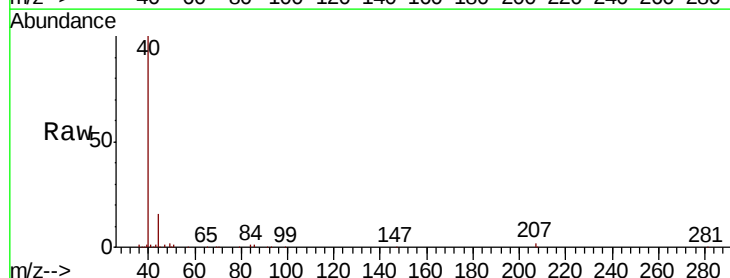
RT: 7.11 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

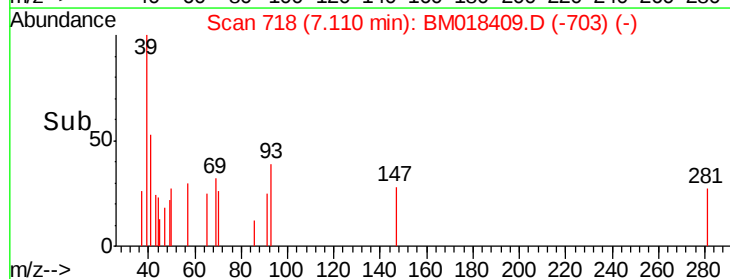
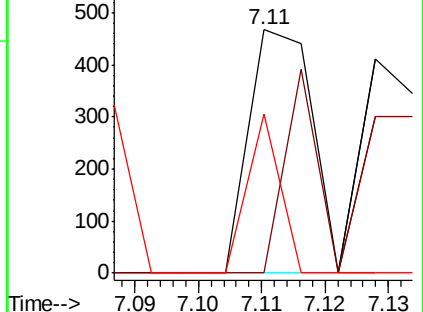
Tgt Ion:	93	Resp:	321
Ion	Ratio	Lower	Upper
93	100		
66	0.0	31.7	47.5#
65	65.6	15.9	23.9#

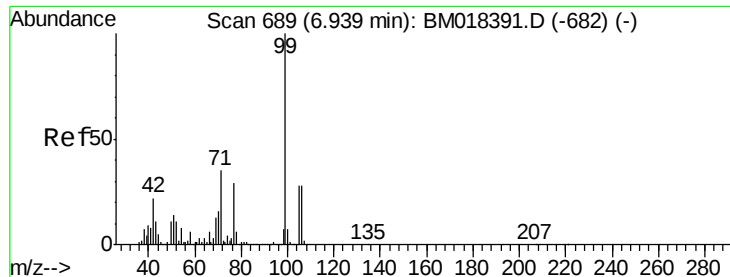


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 8.100 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

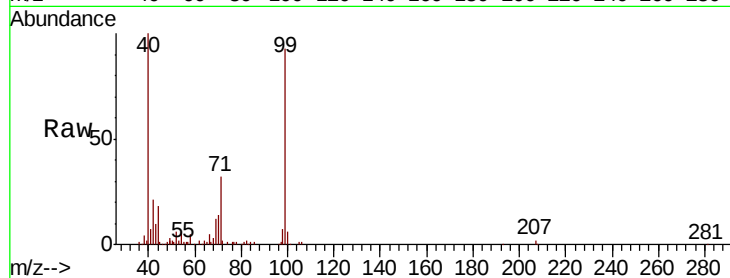
Tgt Ion: 99 Resp: 184868

Ion Ratio Lower Upper

99 100

42 22.4 17.3 25.9

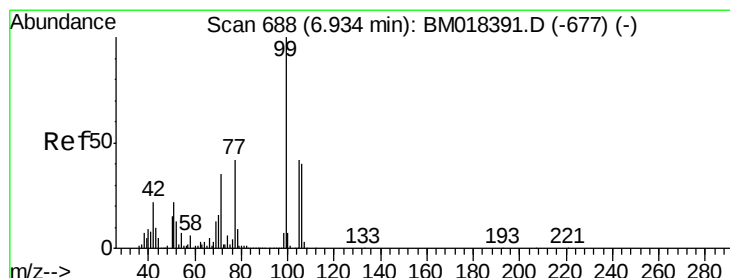
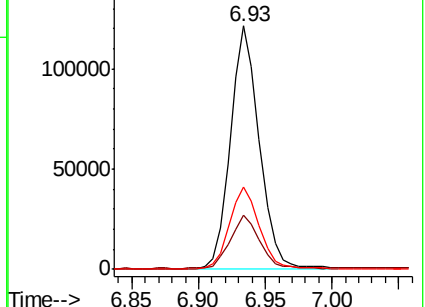
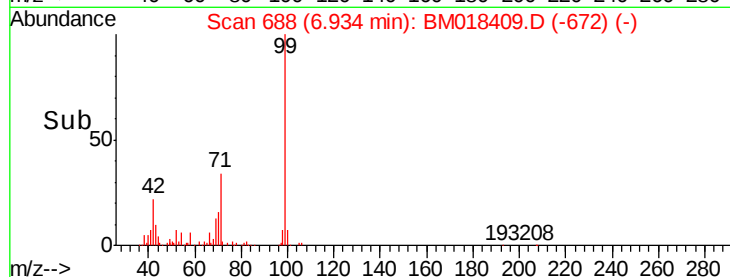
71 34.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018409.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM018409.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM018409.D (-672) (-)



#9

Benzaldehyde

Concen: 0.174 ng

RT: 6.94 min Scan# 689

Delta R.T. 0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

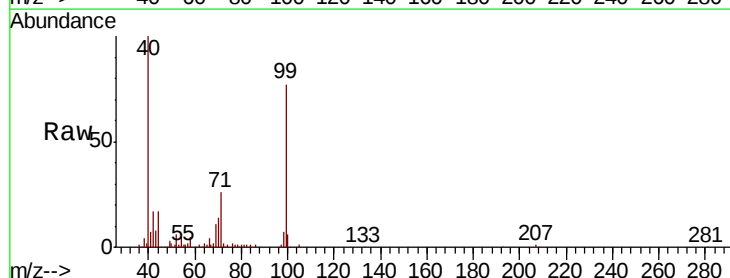
Tgt Ion: 77 Resp: 2781

Ion Ratio Lower Upper

77 100

105 73.6 79.7 119.7#

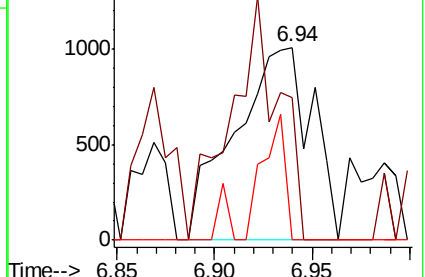
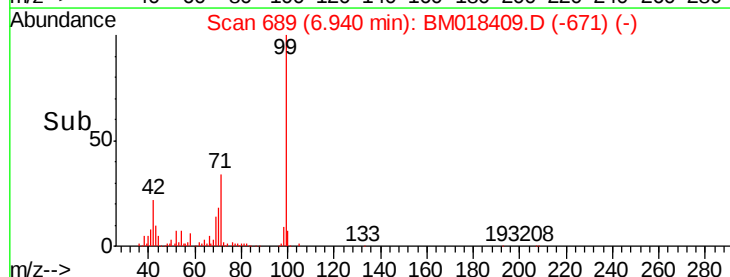
106 0.0 75.2 115.2#

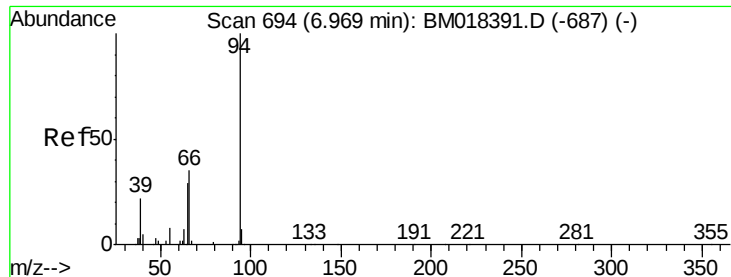


Abundance Ion 77.00 (76.70 to 77.70): BM018409.D (-671) (-)

Ion 105.00 (104.70 to 105.70): BM018409.D (-671) (-)

Ion 106.00 (105.70 to 106.70): BM018409.D (-671) (-)





#10

Phenol

Concen: 0.039 ng

RT: 6.96 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

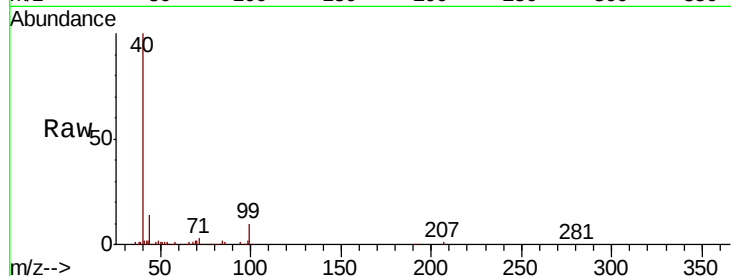
Tgt Ion: 94 Resp: 905

Ion Ratio Lower Upper

94 100

65 51.7 9.4 49.4#

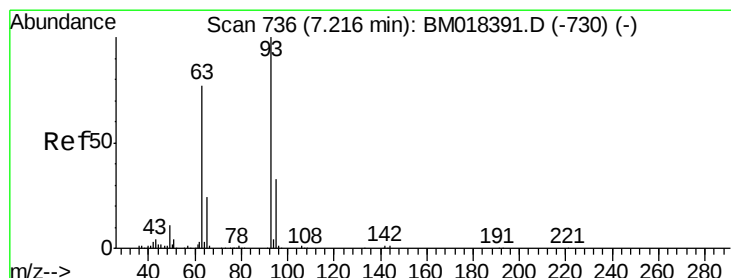
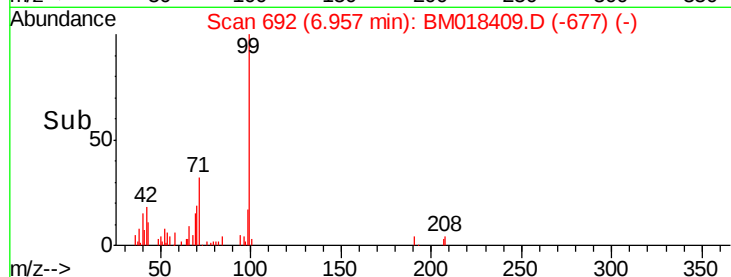
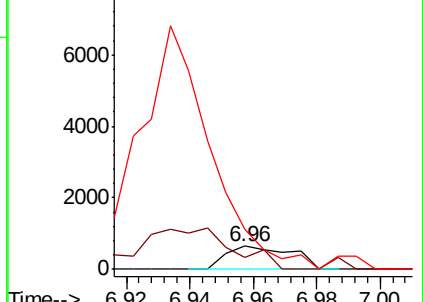
66 177.5 19.1 59.1#



Abundance Ion 94.00 (93.70 to 94.70): BMC

Ion 65.00 (64.70 to 65.70): BMC

Ion 66.00 (65.70 to 66.70): BMC



#11

bis(2-Chloroethyl)ether

Concen: 0.006 ng

RT: 7.22 min Scan# 736

Delta R.T. 0.00 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

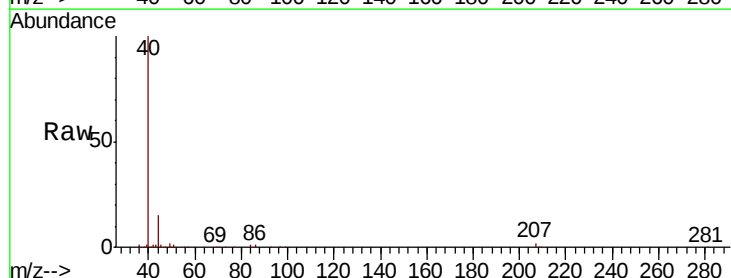
Tgt Ion: 93 Resp: 108

Ion Ratio Lower Upper

93 100

63 0.0 56.4 96.4#

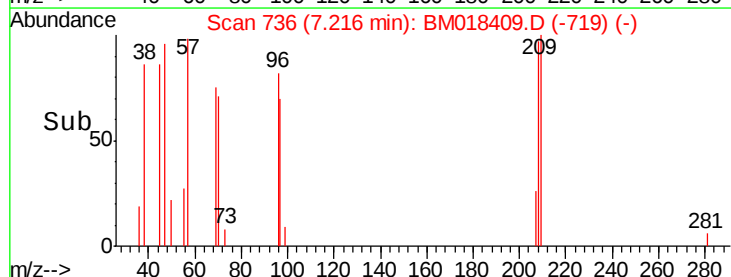
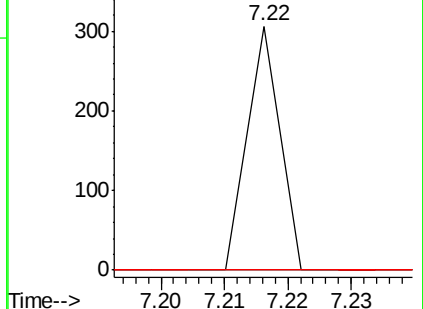
95 0.0 12.7 52.7#

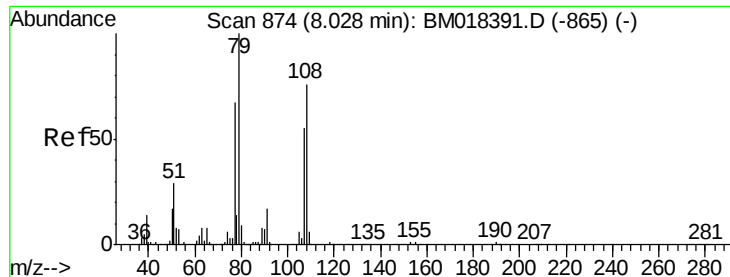


Abundance Ion 93.00 (92.70 to 93.70): BMC

Ion 63.00 (62.70 to 63.70): BMC

Ion 95.00 (94.70 to 95.70): BMC





#15

Benzyl Alcohol

Concen: 0.020 ng

RT: 8.05 min Scan# 878

Delta R.T. 0.02 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

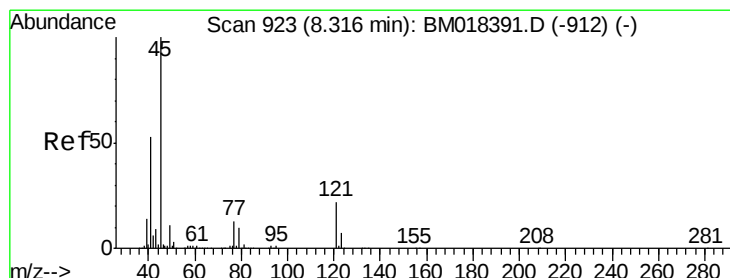
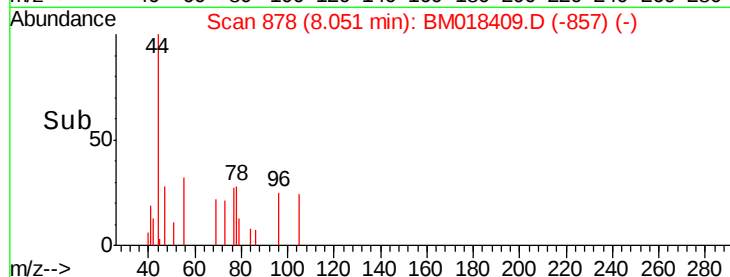
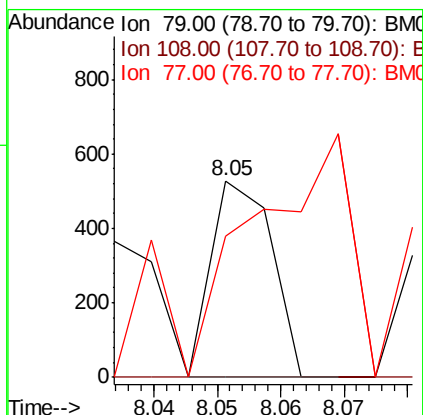
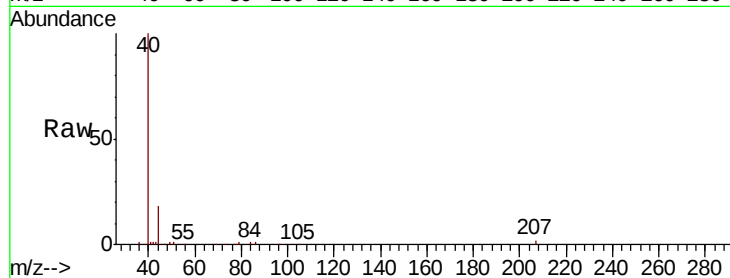
Instrument :

BNA_M

ClientSampleId :

381204089-3

Tgt Ion:	79	Resp:	347
Ion	Ratio	Lower	Upper
79	100		
108	0.0	60.4	90.6#
77	72.2	53.4	80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.021 ng

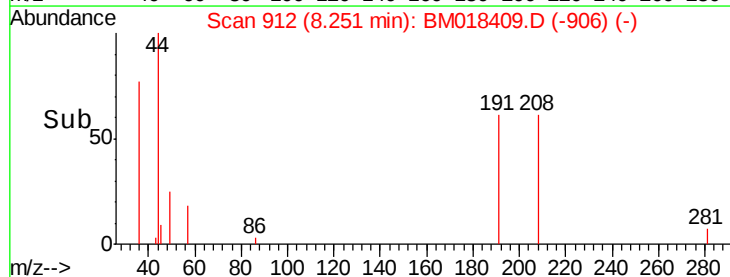
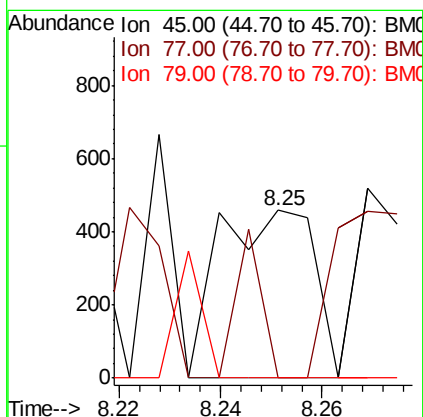
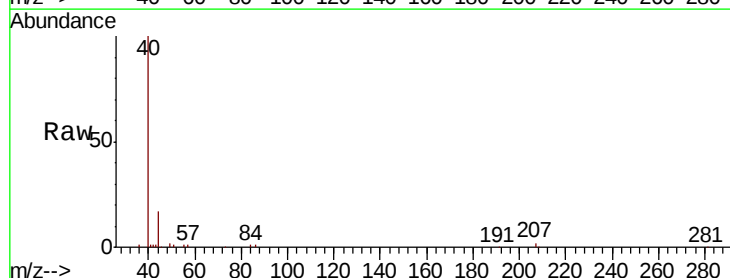
RT: 8.25 min Scan# 912

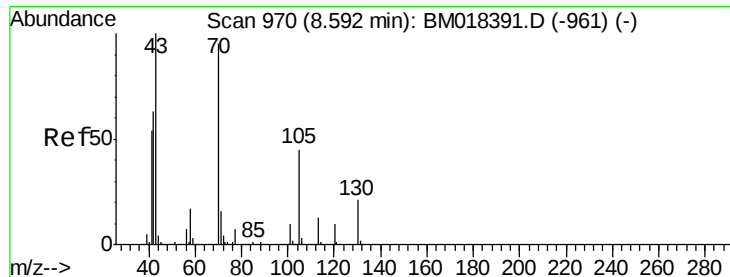
Delta R.T. -0.06 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Tgt Ion:	45	Resp:	599
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.4
79	0.0	0.0	31.1

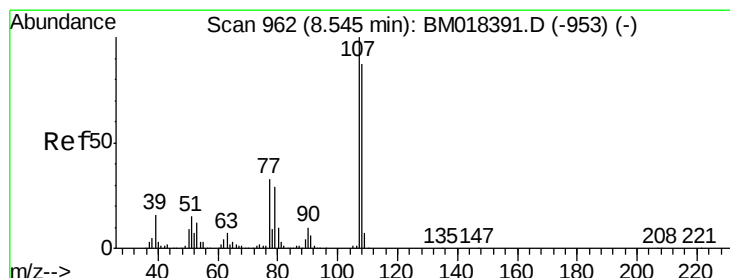
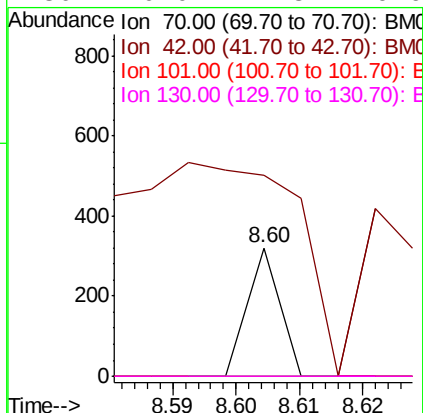
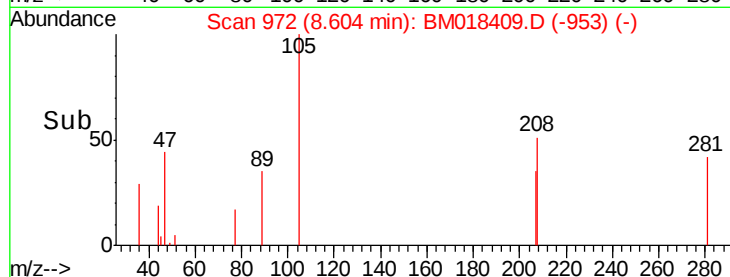
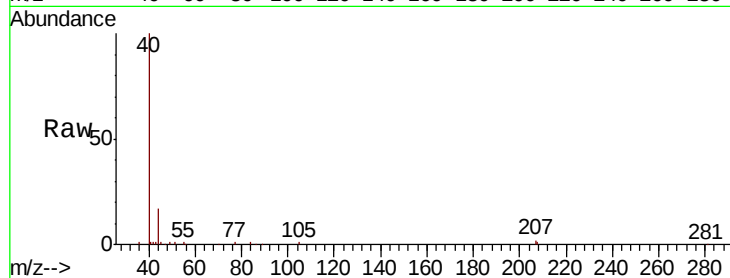




#19
n-Nitroso-di-n-propylamine
Concen: 0.006 ng
RT: 8.60 min Scan# 972
Delta R.T. 0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

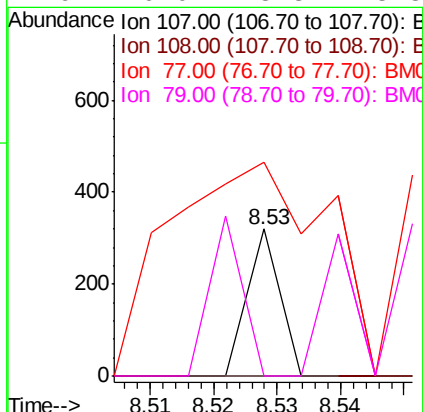
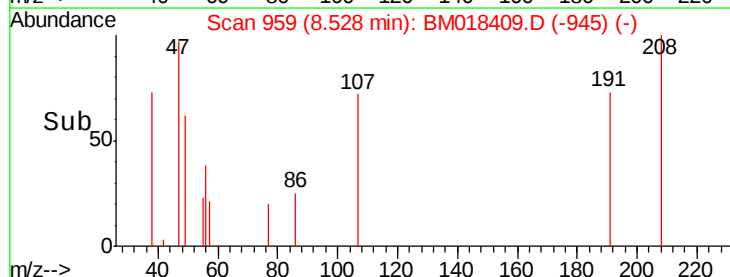
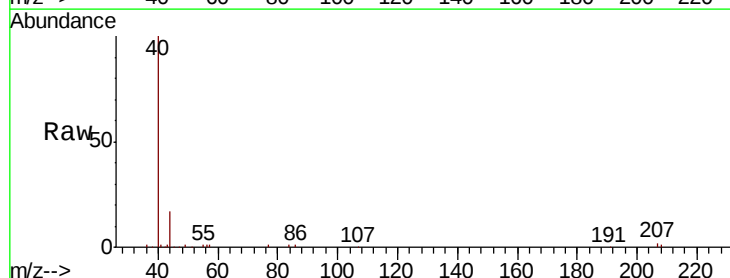
Instrument :
BNA_M
ClientSampleId :
381204089-3

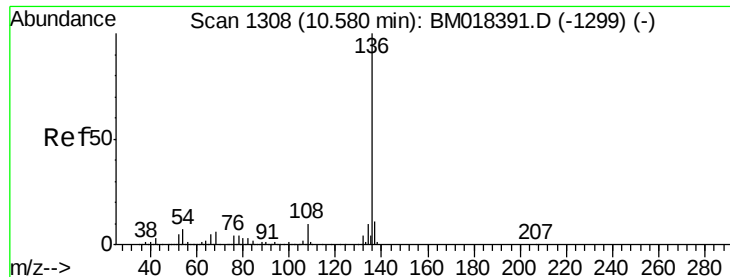
Tgt Ion: 70 Resp: 113
Ion Ratio Lower Upper
70 100
42 156.9 54.0 81.0#
101 0.0 8.1 12.1#
130 0.0 17.8 26.6#



#20
3+4-Methylphenols
Concen: 0.005 ng
RT: 8.53 min Scan# 959
Delta R.T. -0.02 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

Tgt Ion: 107 Resp: 113
Ion Ratio Lower Upper
107 100
108 0.0 66.8 106.8#
77 145.3 13.3 53.3#
79 0.0 8.8 48.8#

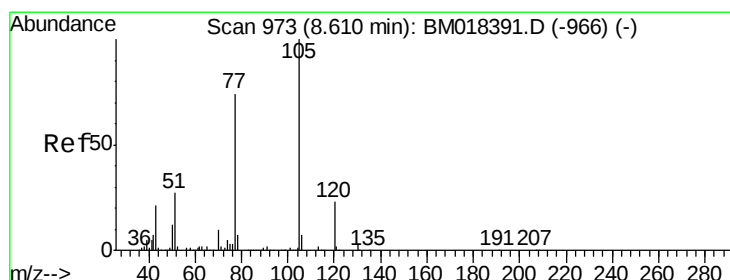
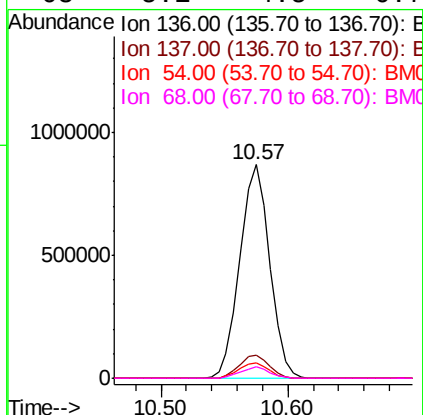
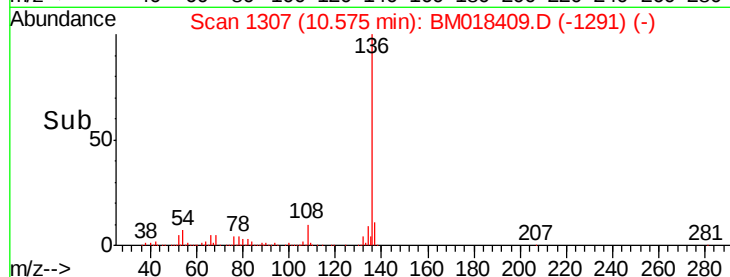
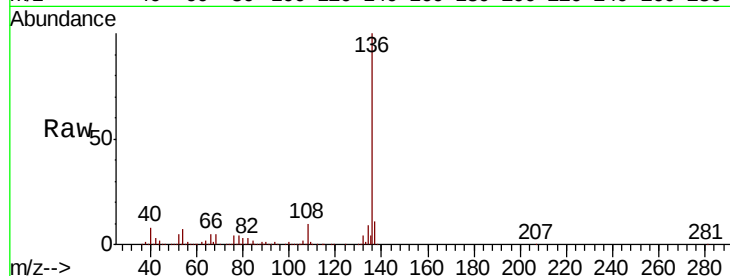




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

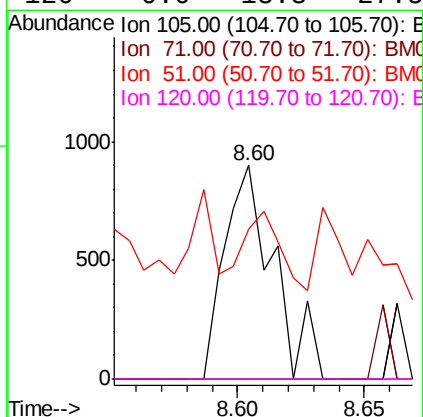
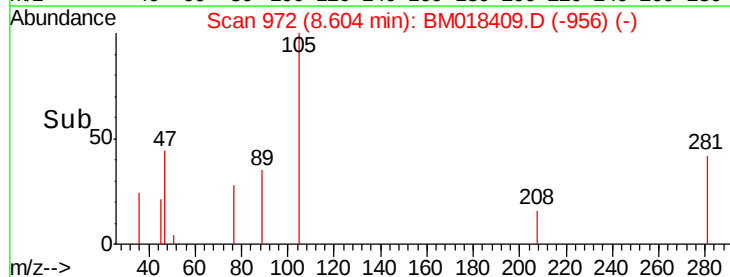
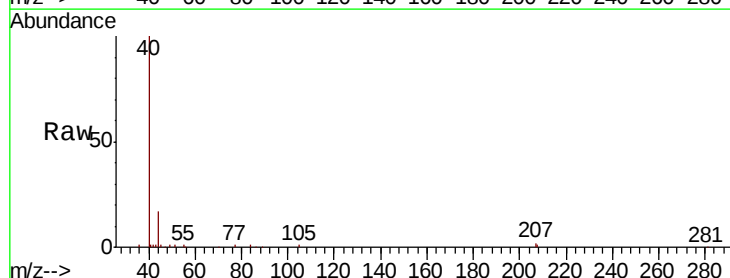
Instrument :
BNA_M
ClientSampleId :
381204089-3

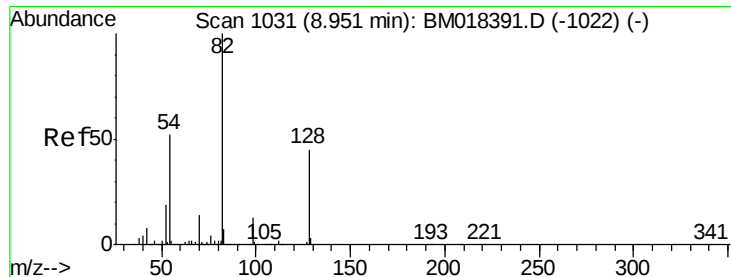
Tgt Ion:	136	Resp:	1419419
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	6.0	9.0
68	5.1	4.5	6.7



#22
Acetophenone
Concen: 0.034 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

Tgt Ion:	105	Resp:	1208
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.7	2.5#
51	70.2	22.6	34.0#
120	0.0	18.3	27.5#

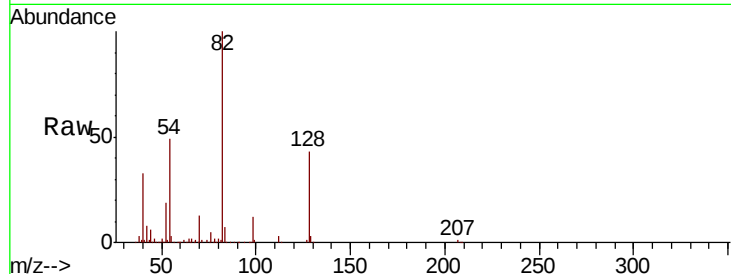




#23
 Nitrobenzene-d5
 Concen: 18.994 ng
 RT: 8.94 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BM018409.D
 Acq: 27 Dec 2018 22:52

Instrument :
 BNA_M
 ClientSampleId :
 381204089-3

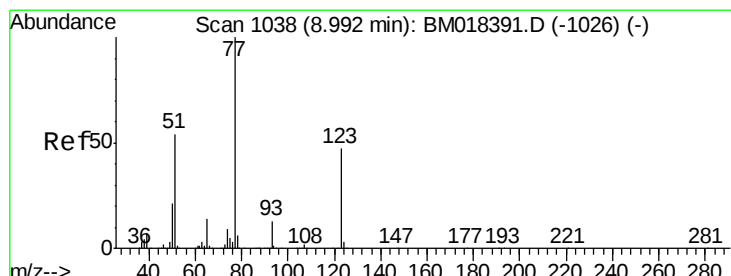
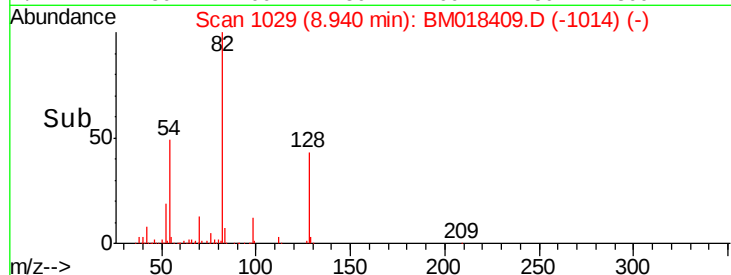
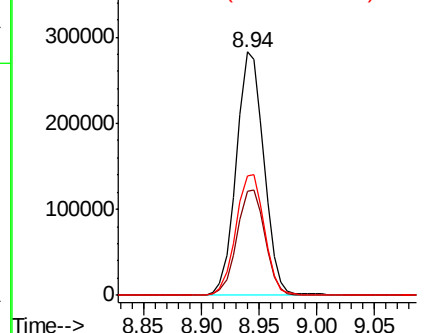
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.3	54.5
54	48.9	41.7	62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1022) (-)

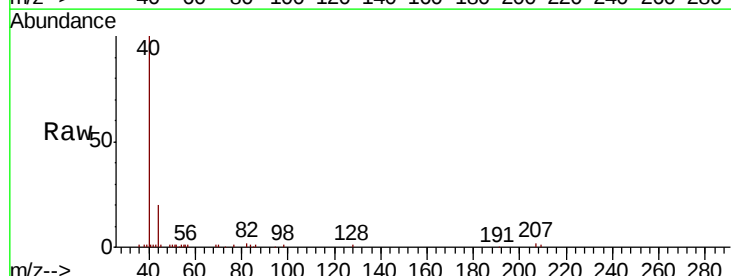
Ion 128.00 (127.70 to 128.70): BM018391.D (-1022) (-)

Ion 54.00 (53.70 to 54.70): BM018391.D (-1022) (-)



#24
 Nitrobenzene
 Concen: 0.012 ng
 RT: 8.99 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BM018409.D
 Acq: 27 Dec 2018 22:52

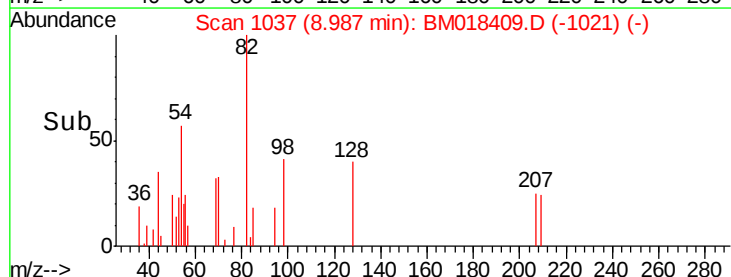
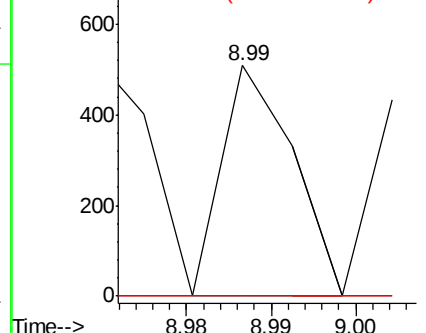
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.7	56.5#
65	0.0	11.0	16.6#

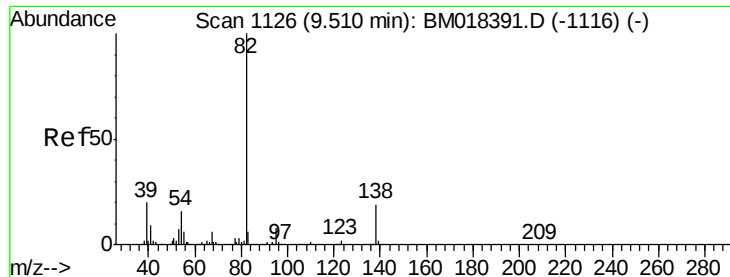


Abundance Ion 77.00 (76.70 to 77.70): BM018391.D (-1026) (-)

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

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





#25

Isophorone

Concen: 0.009 ng

RT: 9.50 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

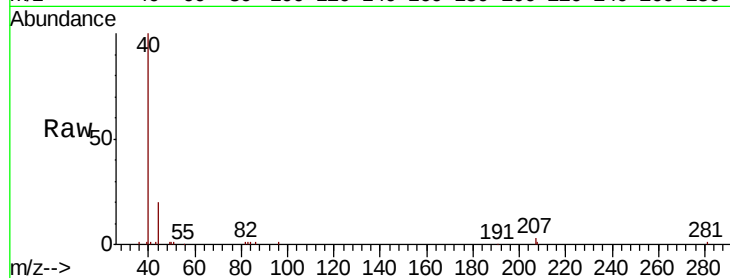
Tgt Ion: 82 Resp: 383

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 15.1 22.7#



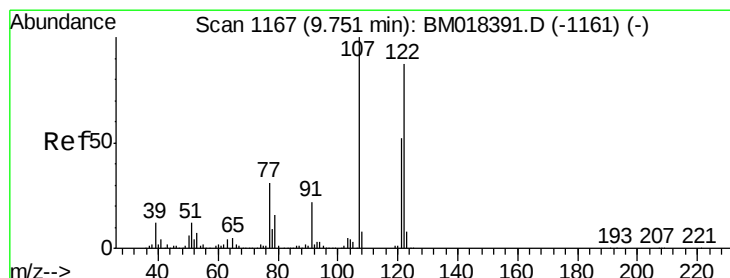
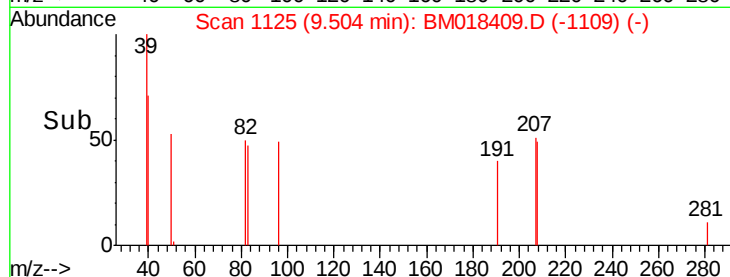
Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1116) (-)

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

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

9.50

Time-->



#27

2,4-Dimethylphenol

Concen: 0.007 ng

RT: 9.80 min Scan# 1176

Delta R.T. 0.05 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

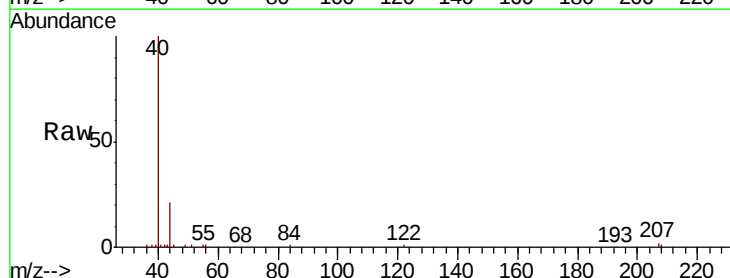
Tgt Ion: 122 Resp: 131

Ion Ratio Lower Upper

122 100

107 0.0 91.9 137.9#

121 0.0 47.5 71.3#



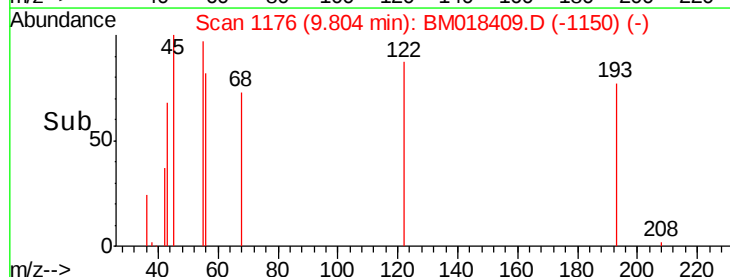
Abundance Ion 122.00 (121.70 to 122.70): BM018391.D (-1161) (-)

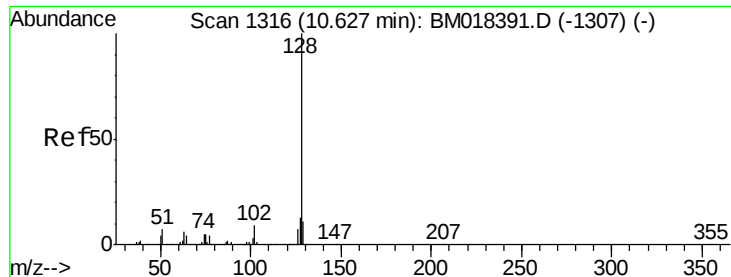
Ion 107.00 (106.70 to 107.70): BM018391.D (-1161) (-)

Ion 121.00 (120.70 to 121.70): BM018391.D (-1161) (-)

9.80

Time-->





#31

Naphthalene

Concen: 0.012 ng

RT: 10.63 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

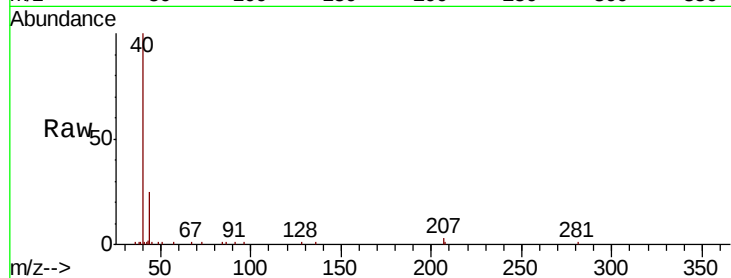
Tgt Ion:128 Resp: 817

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#

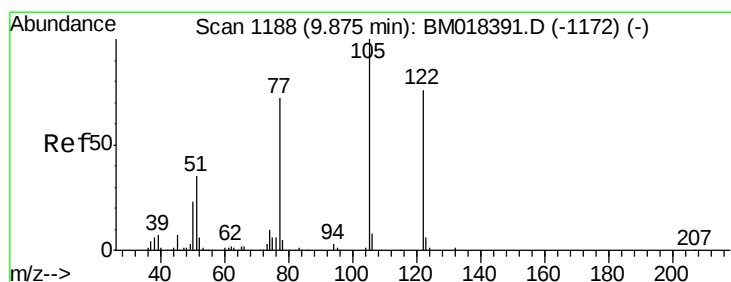
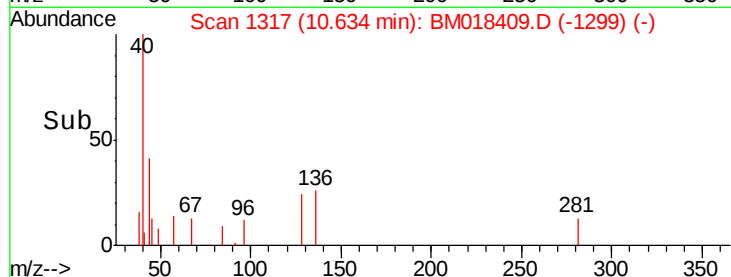
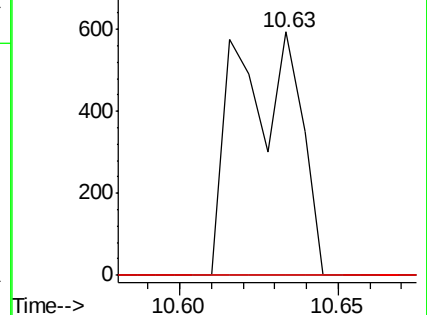


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.63



#32

Benzoic acid

Concen: 3.119 ng

RT: 9.80 min Scan# 1176

Delta R.T. -0.07 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

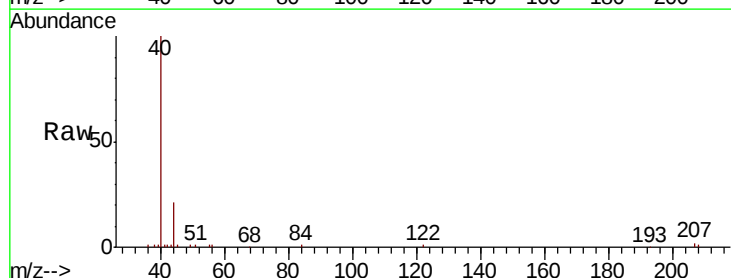
Tgt Ion:122 Resp: 131

Ion Ratio Lower Upper

122 100

105 0.0 100.4 140.4#

77 0.0 71.7 111.7#

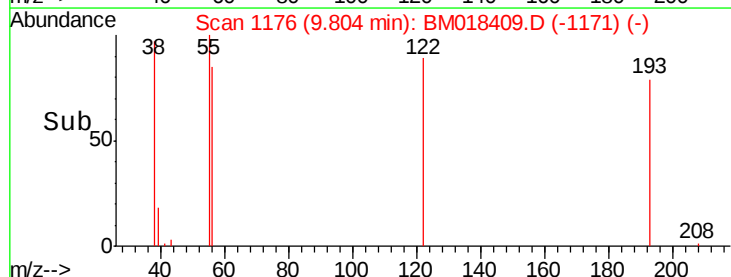
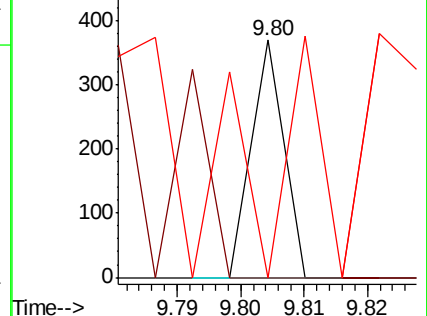


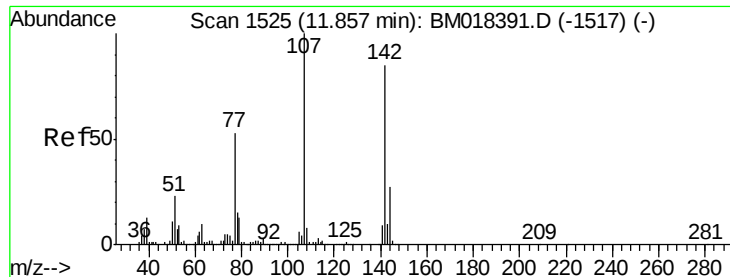
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

9.80

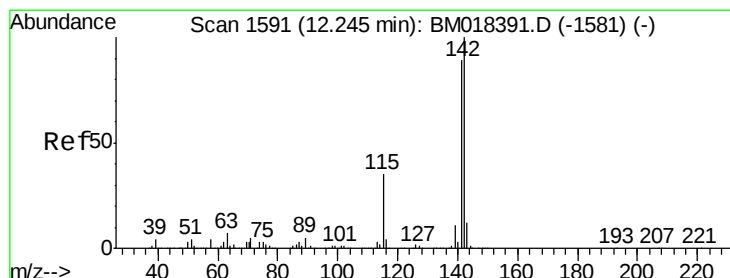
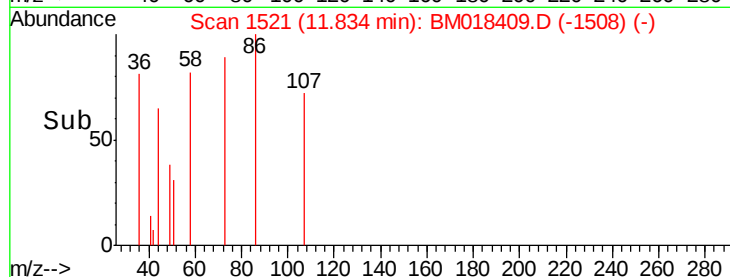
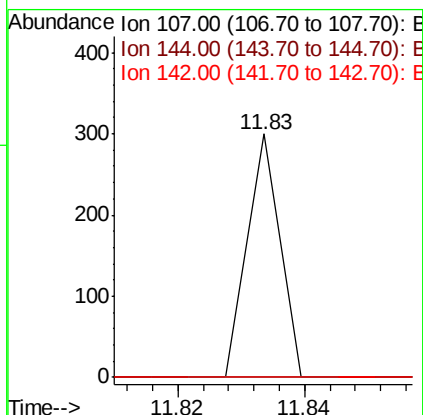
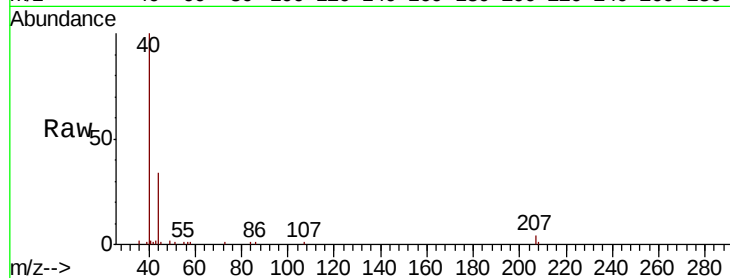




#36
 4-Chloro-3-methylphenol
 Concen: 0.005 ng
 RT: 11.83 min Scan# 1521
 Delta R.T. -0.02 min
 Lab File: BM018409.D
 Acq: 27 Dec 2018 22:52

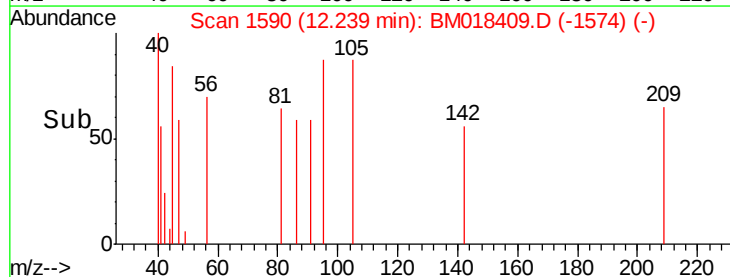
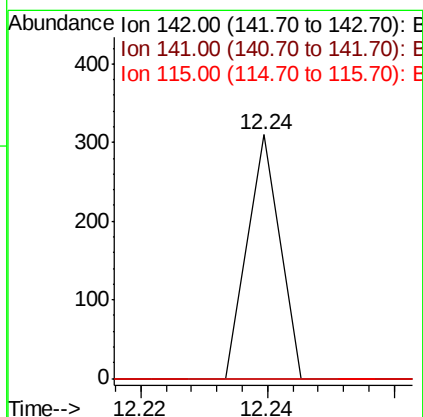
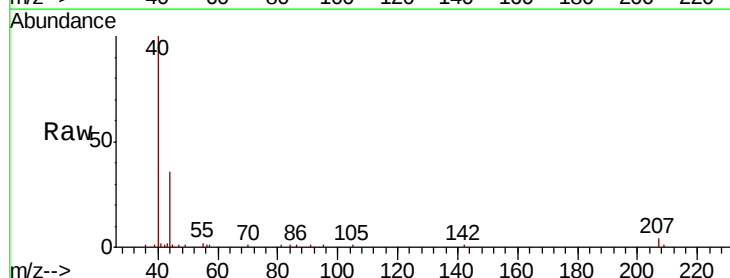
Instrument :
 BNA_M
 ClientSampleId :
 381204089-3

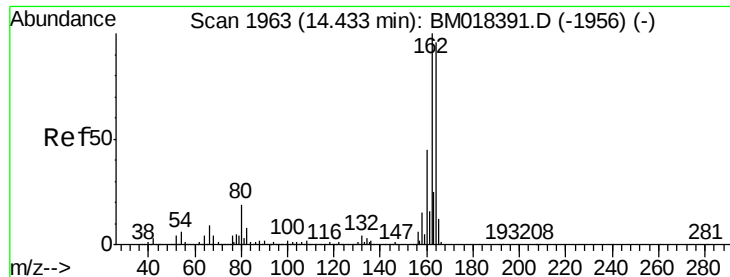
Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	21.9	32.9#
142	0.0	67.9	101.9#



#37
 2-Methylnaphthalene
 Concen: 0.002 ng
 RT: 12.24 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BM018409.D
 Acq: 27 Dec 2018 22:52

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

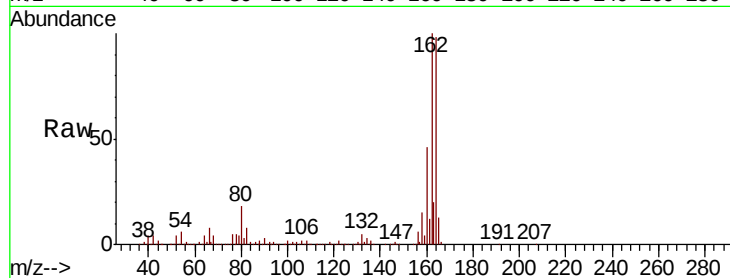
Tgt Ion:164 Resp: 875185

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.4

160 47.2 37.1 55.7

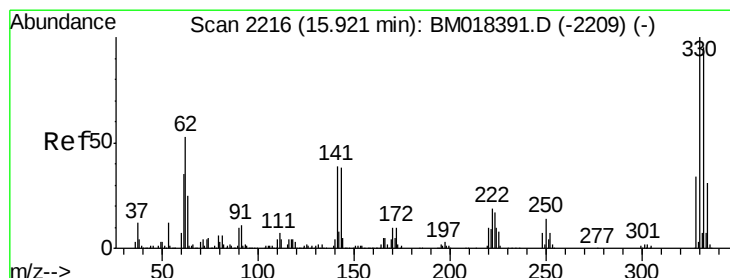
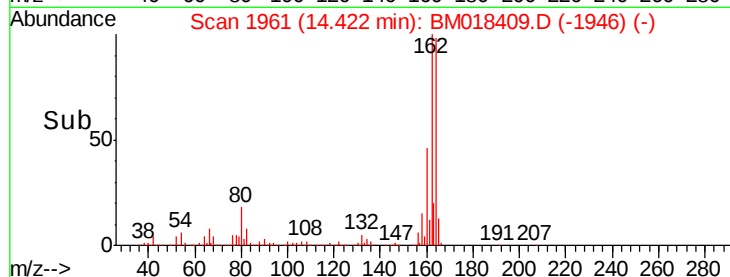
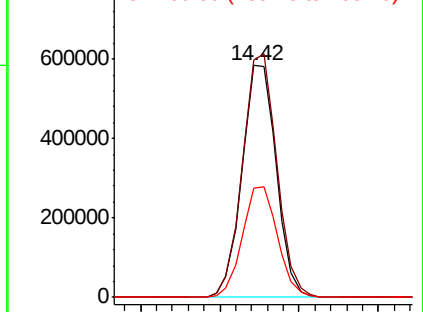


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 24.437 ng

RT: 15.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

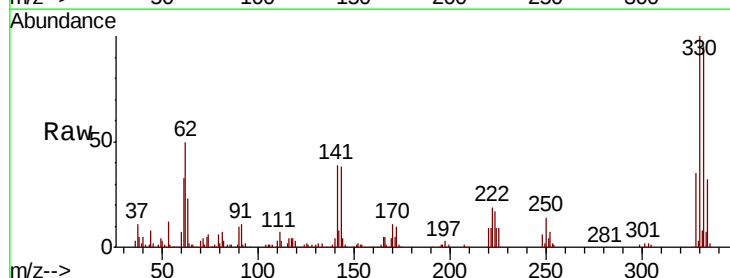
Tgt Ion:330 Resp: 271741

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

141 39.5 31.7 47.5

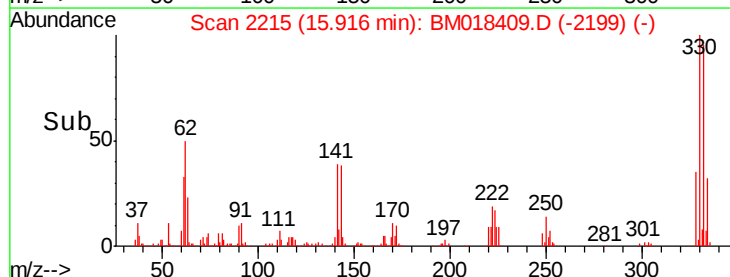
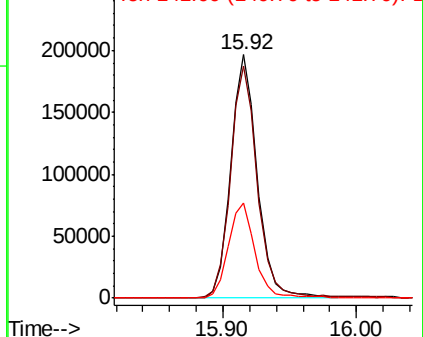


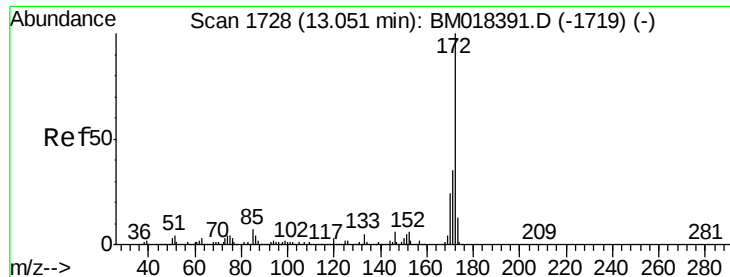
Abundance

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

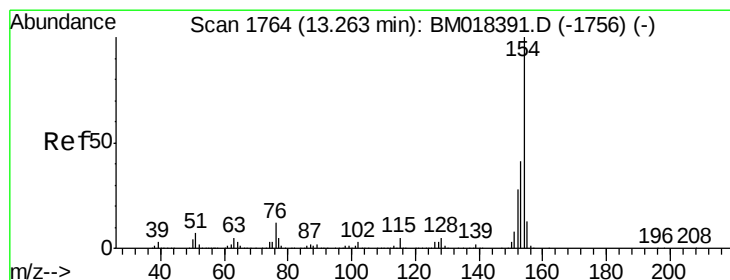
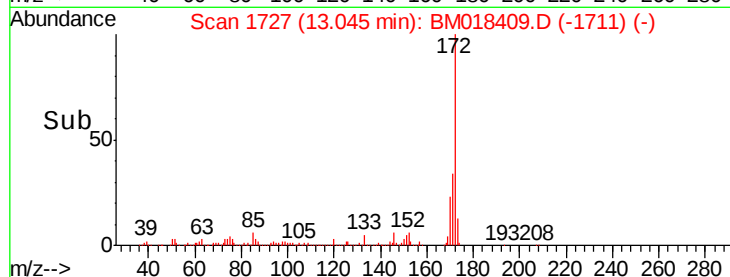
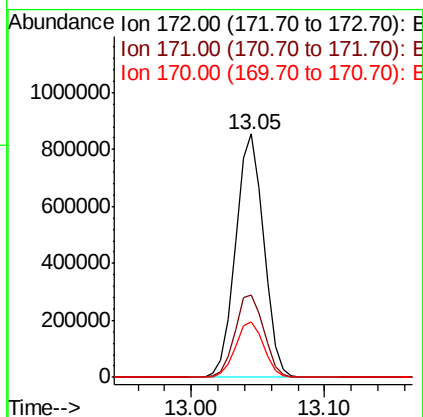
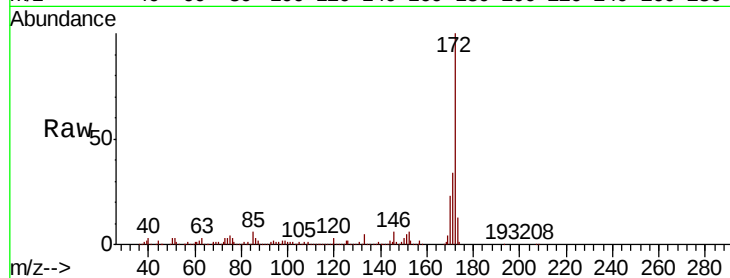




#45
2-Fluorobiphenyl
Concen: 19.286 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

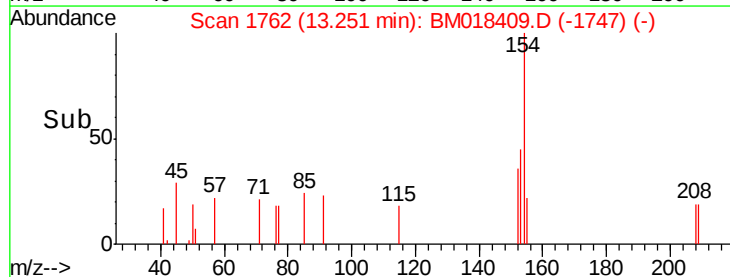
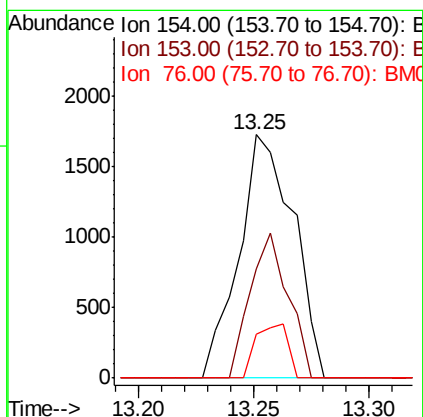
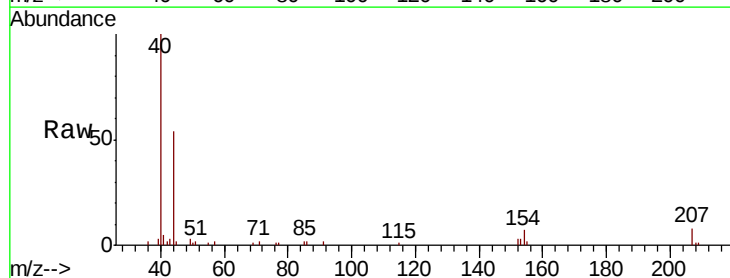
Instrument :
BNA_M
ClientSampled :
381204089-3

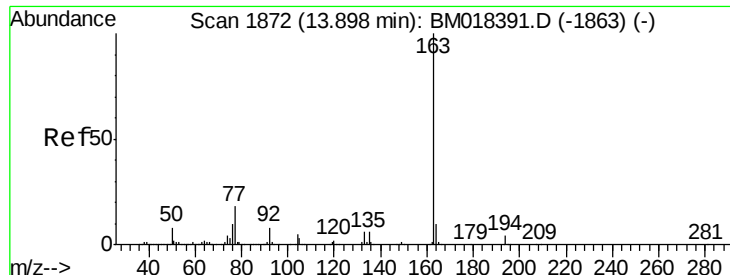
Tgt Ion:172 Resp: 1246225
Ion Ratio Lower Upper
172 100
171 34.0 28.2 42.4
170 23.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 0.038 ng
RT: 13.25 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

Tgt Ion:154 Resp: 2832
Ion Ratio Lower Upper
154 100
153 44.7 20.5 60.5
76 18.3 0.0 31.9





#50

Dimethylphthalate

Concen: 0.004 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

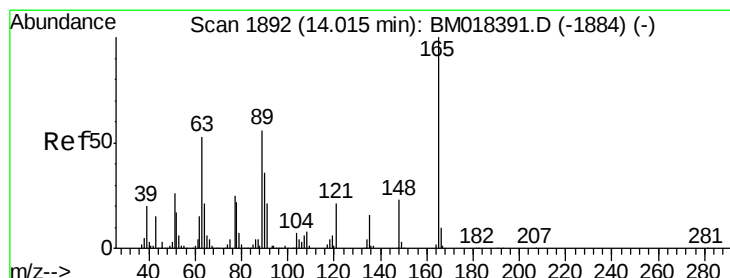
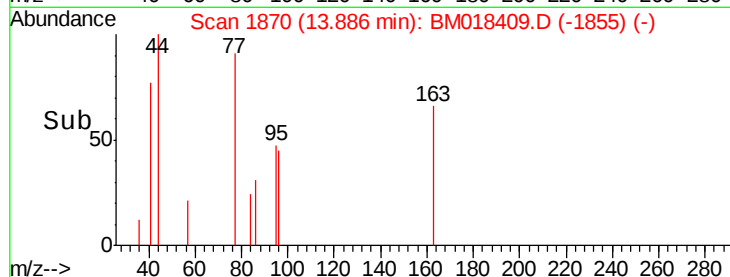
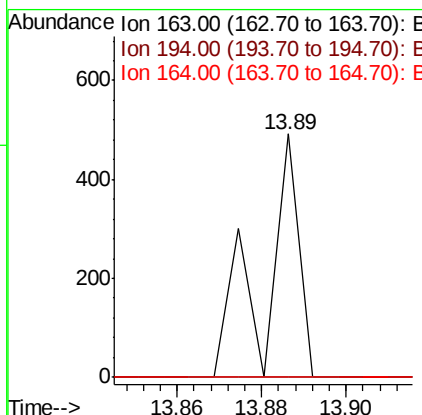
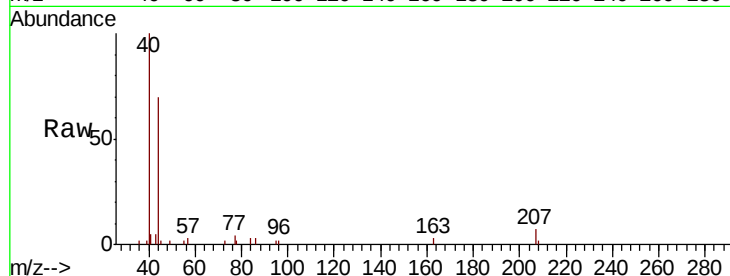
Instrument :

BNA_M

ClientSampleId :

381204089-3

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#



#51

2,6-Dinitrotoluene

Concen: 0.145 ng

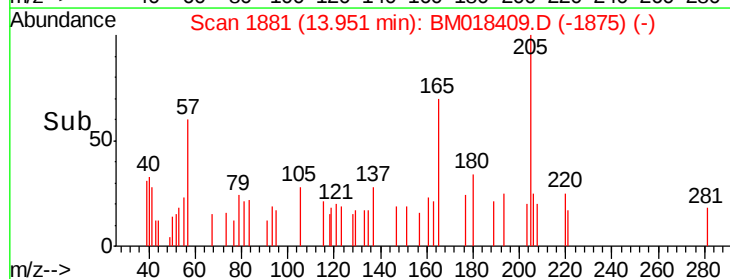
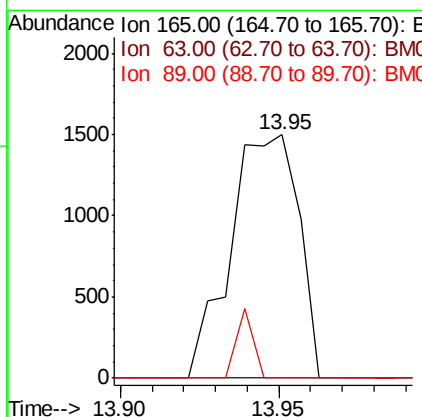
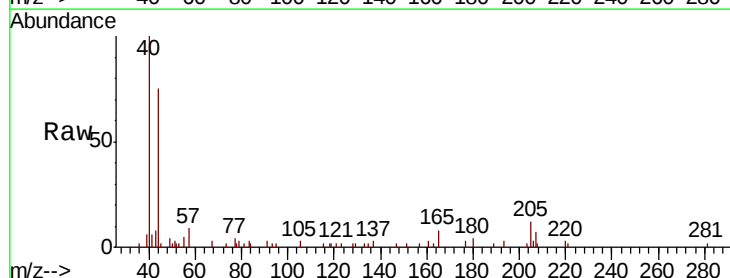
RT: 13.95 min Scan# 1881

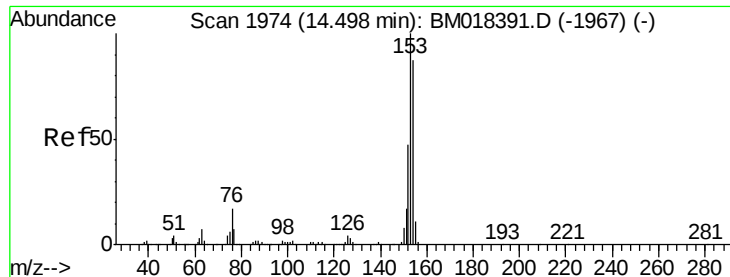
Delta R.T. -0.06 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Tgt Ion:	165	Resp:	2227
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: 14.42 min Scan# 1961

Delta R.T. -0.08 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

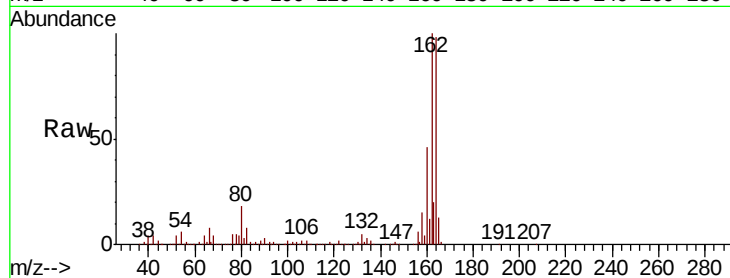
Tgt Ion:154 Resp: 3180

Ion Ratio Lower Upper

154 100

153 0.0 92.3 138.5#

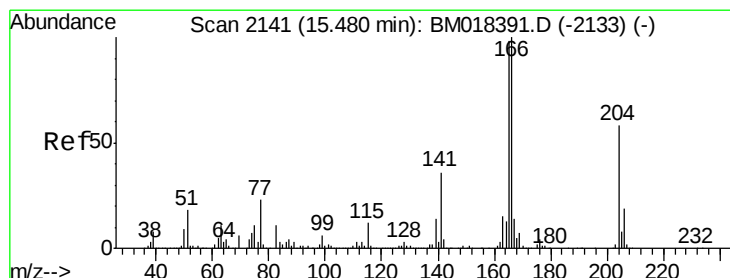
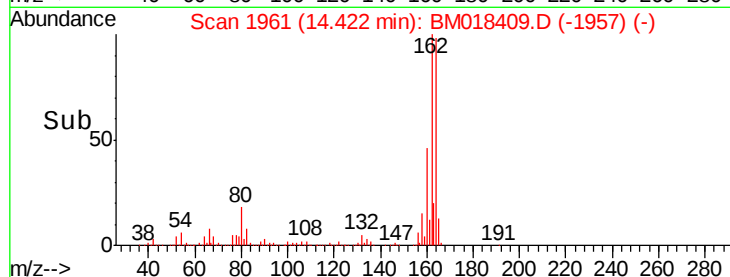
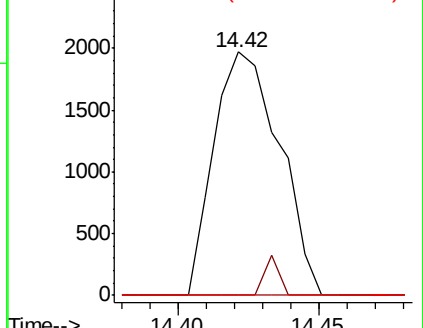
152 0.0 43.8 65.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 0.018 ng

RT: 15.47 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

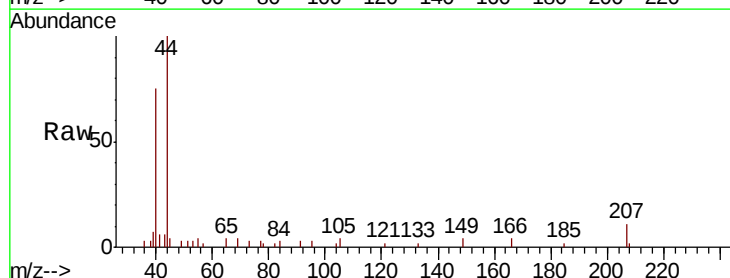
Tgt Ion:166 Resp: 1205

Ion Ratio Lower Upper

166 100

165 0.0 78.3 117.5#

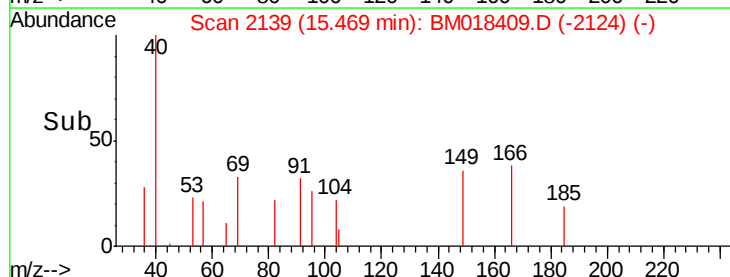
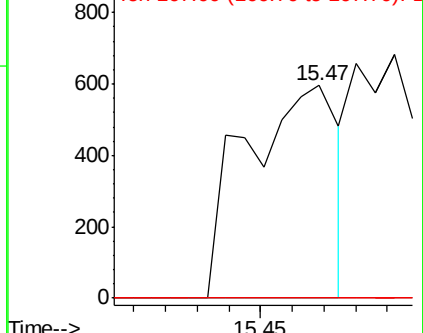
167 0.0 10.9 16.3#

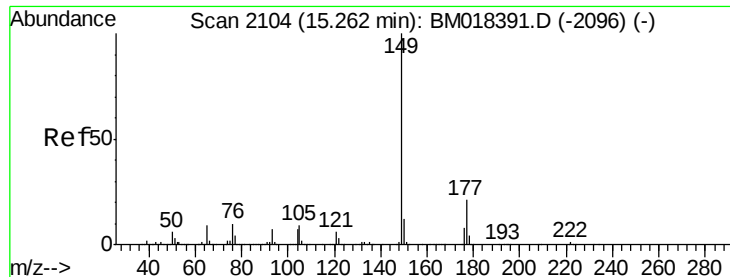


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

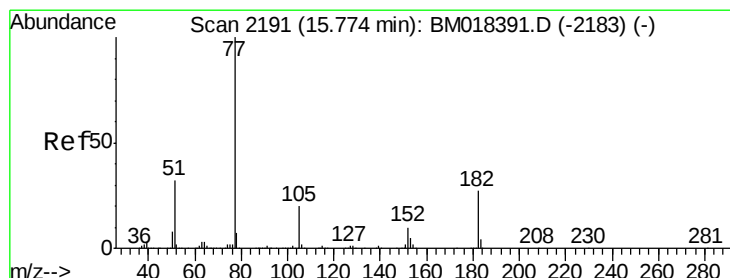
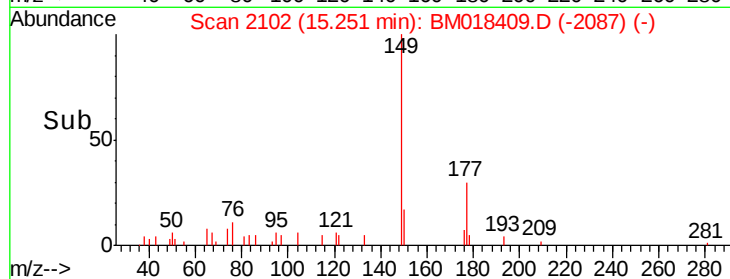
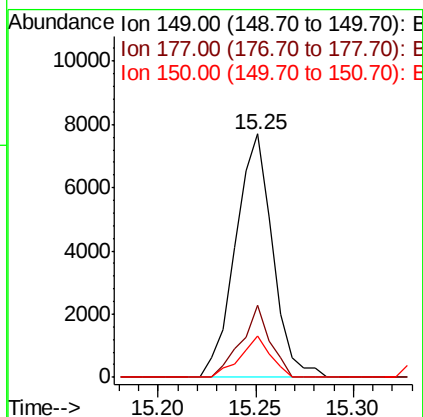
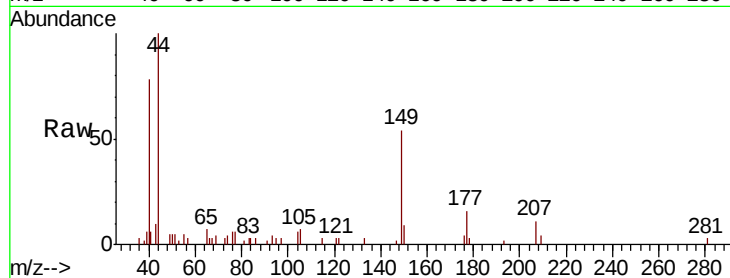




#60
Diethylphthalate
Concen: 0.133 ng
RT: 15.25 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

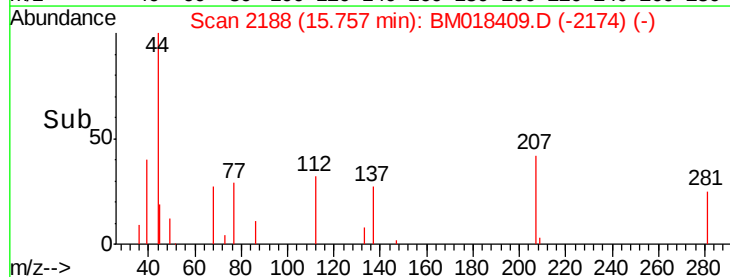
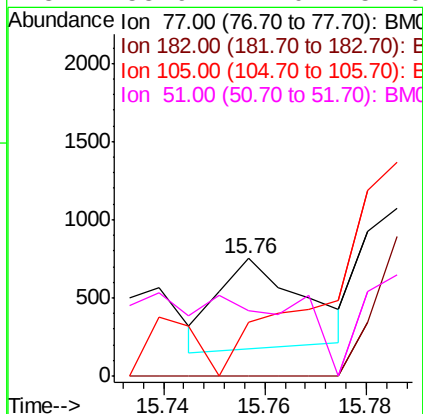
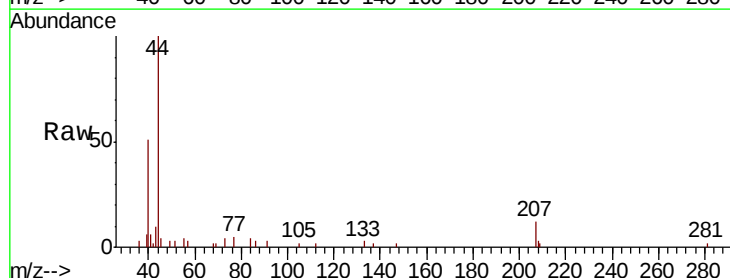
Instrument :
BNA_M
ClientSampleId :
381204089-3

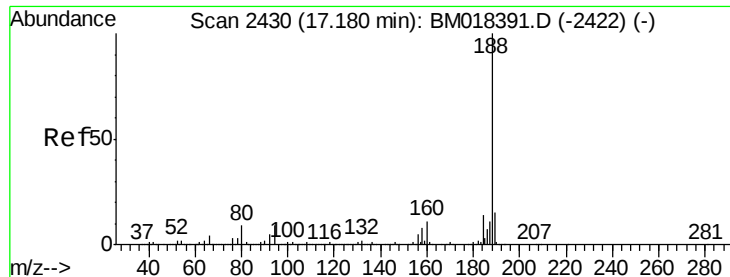
Tgt Ion: 149 Resp: 10148
Ion Ratio Lower Upper
149 100
177 29.7 17.1 25.7#
150 16.8 9.8 14.6#



#63
Azobenzene
Concen: 0.009 ng
RT: 15.76 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

Tgt Ion: 77 Resp: 662
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 45.3 0.0 39.6#
51 55.9 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: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

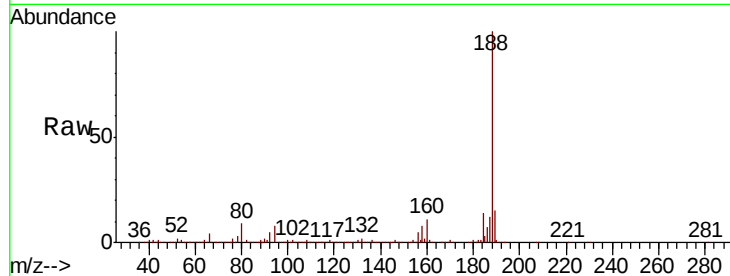
Tgt Ion:188 Resp: 2044443

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

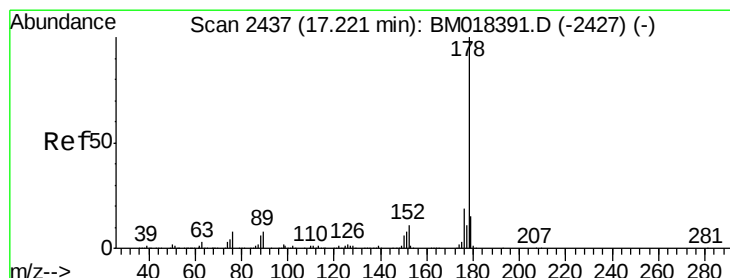
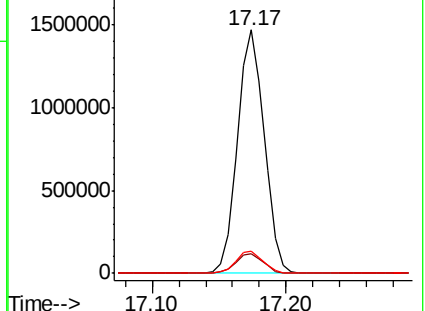
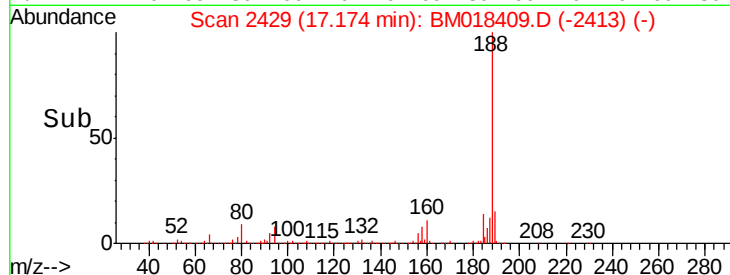
80 9.2 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

2000000 Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 0.012 ng

RT: 17.22 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

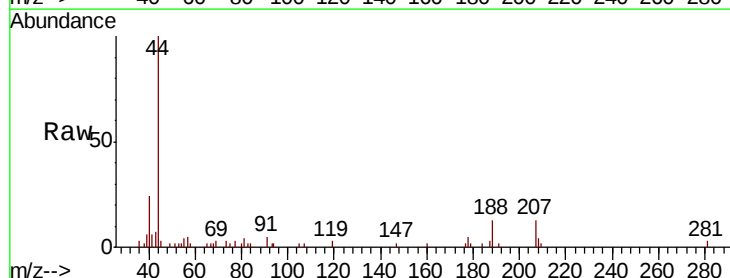
Tgt Ion:178 Resp: 1288

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.0#

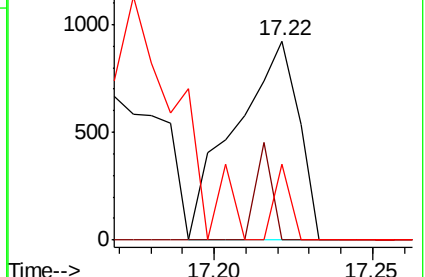
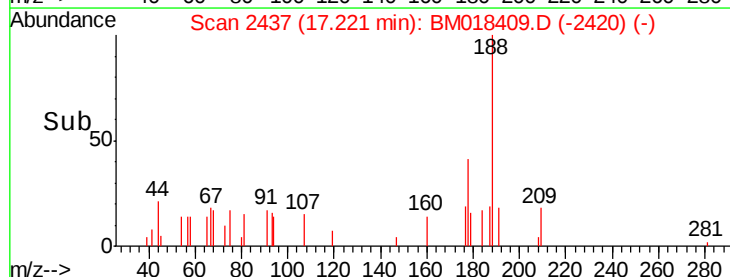
179 38.1 12.2 18.4#

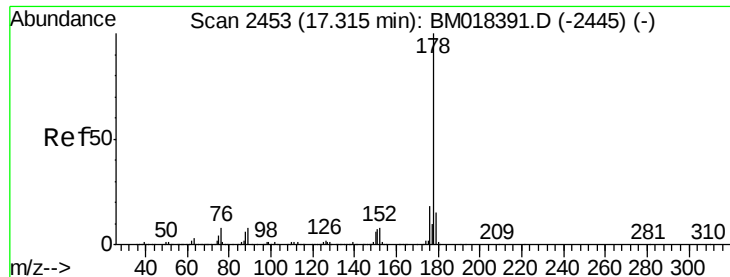


Abundance Ion 178.00 (177.70 to 178.70): E

1500 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.002 ng

RT: 17.31 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

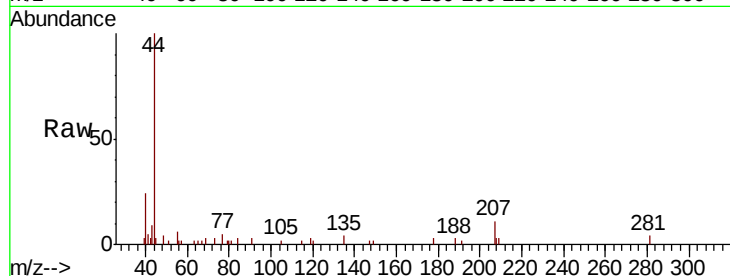
Tgt Ion:178 Resp: 180

Ion Ratio Lower Upper

178 100

176 0.0 14.7 22.1#

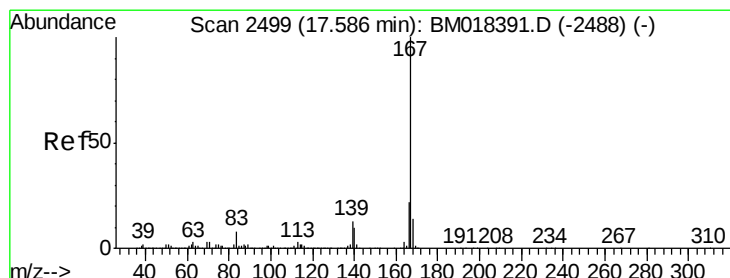
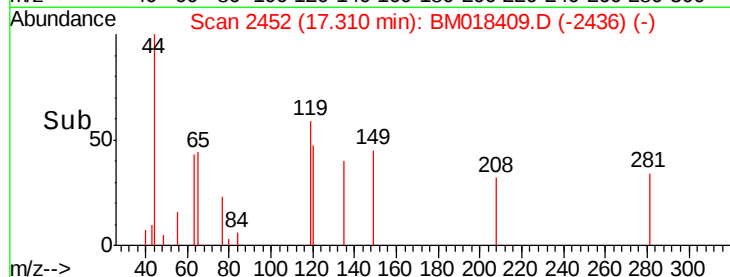
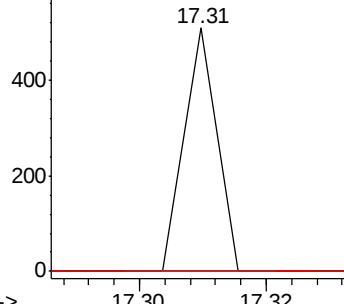
179 0.0 12.2 18.4#



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



#73

Carbazole

Concen: 0.009 ng

RT: 17.58 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

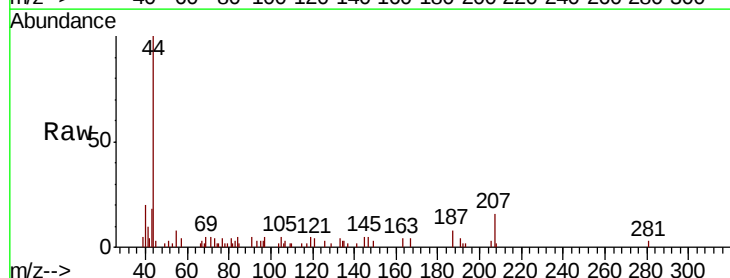
Tgt Ion:167 Resp: 979

Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.2#

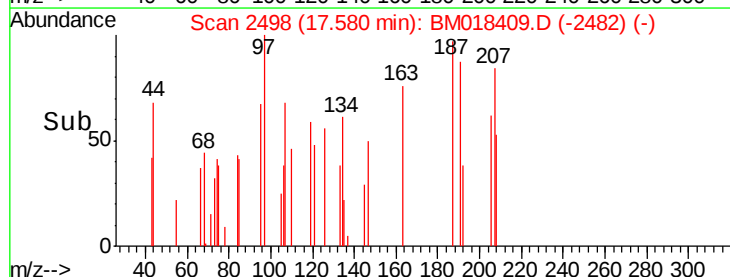
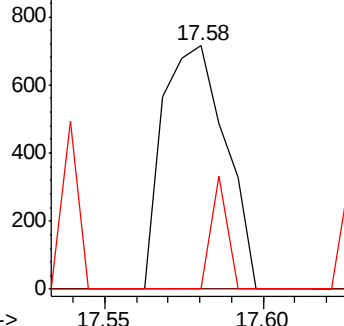
139 0.0 10.6 16.0#

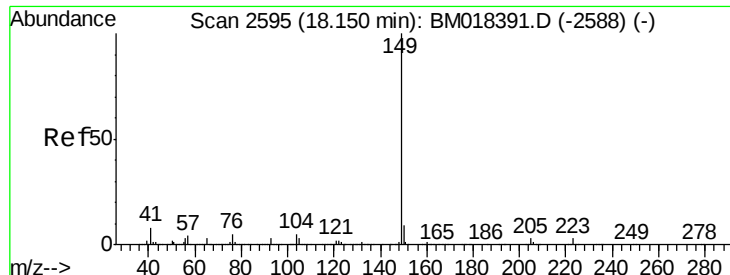


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

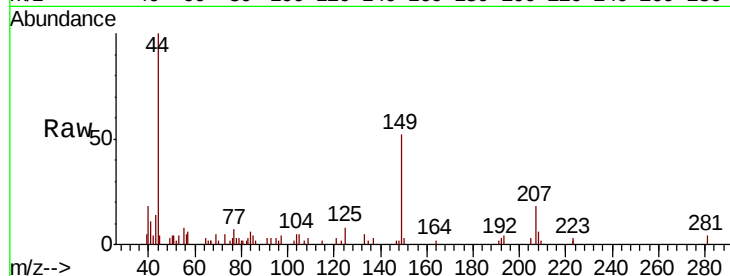




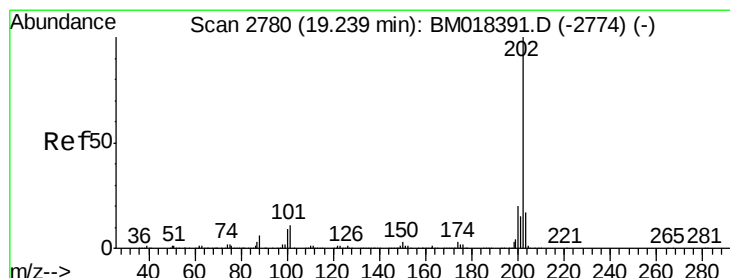
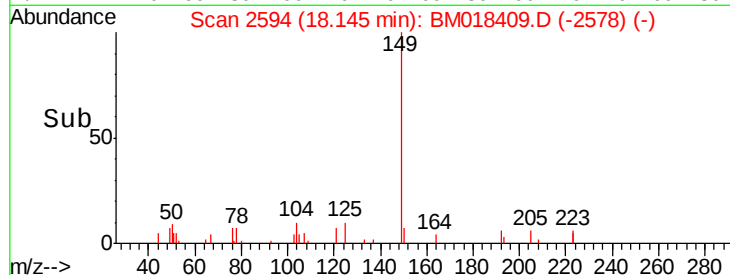
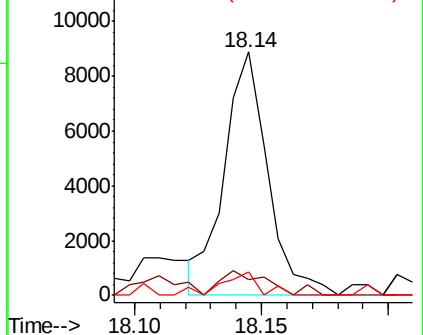
#74
Di-n-butylphthalate
Concen: 0.082 ng
RT: 18.14 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

Instrument :
BNA_M
ClientSampleId :
381204089-3

Tgt Ion:149 Resp: 10590
Ion Ratio Lower Upper
149 100
150 6.6 7.3 10.9#
104 9.7 4.2 6.4#

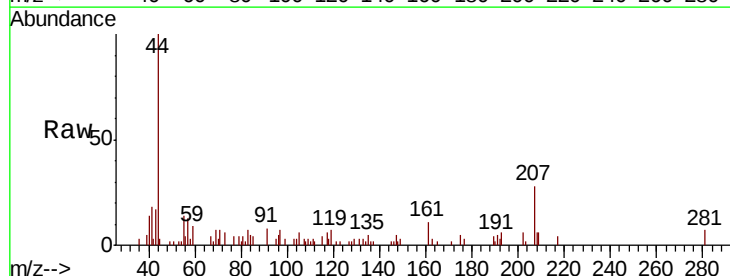


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

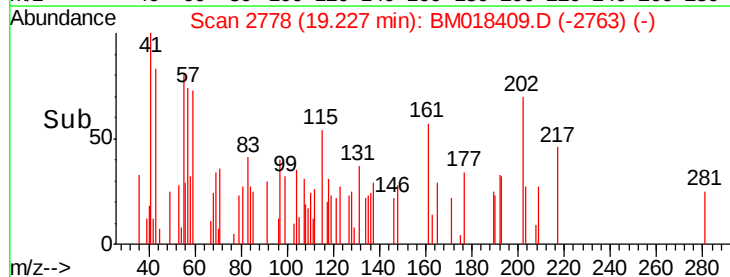
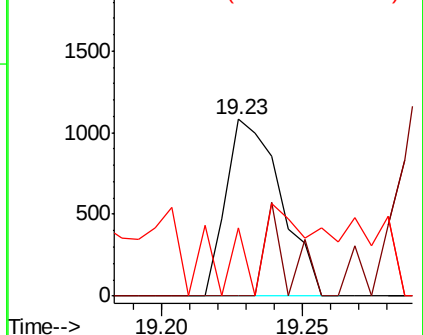


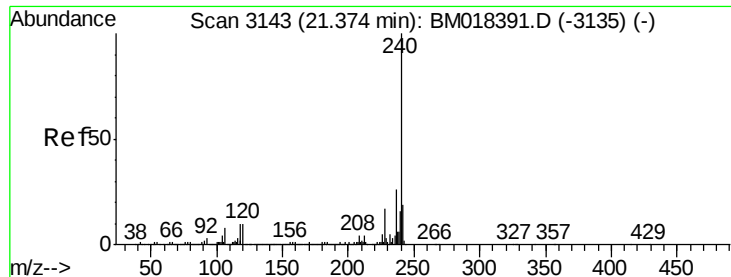
#75
Fluoranthene
Concen: 0.011 ng
RT: 19.23 min Scan# 2778
Delta R.T. -0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

Tgt Ion:202 Resp: 1462
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.9
203 38.4 0.0 37.4#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

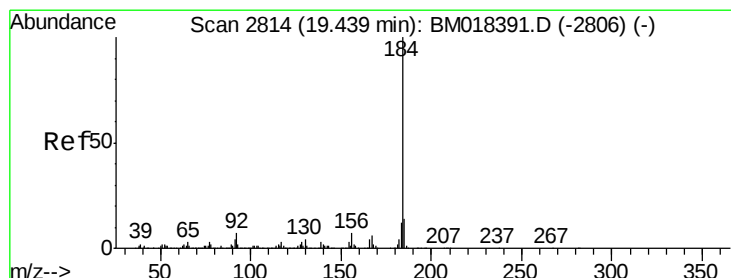
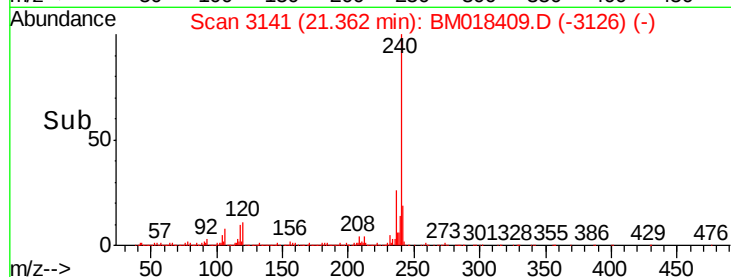
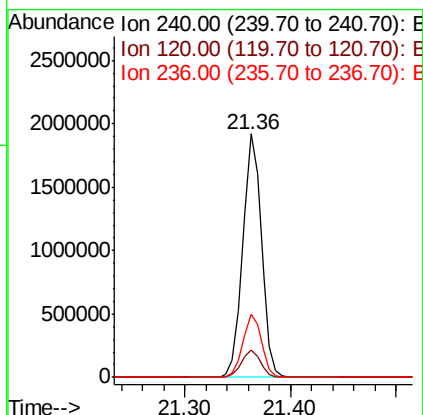
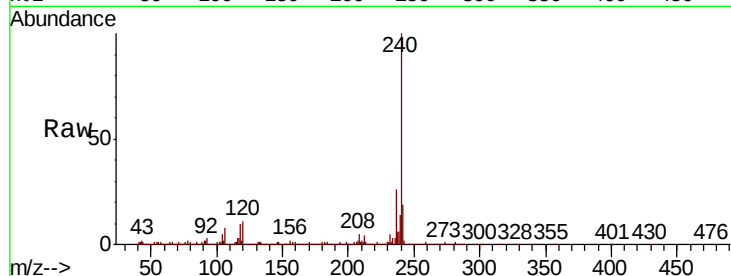




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

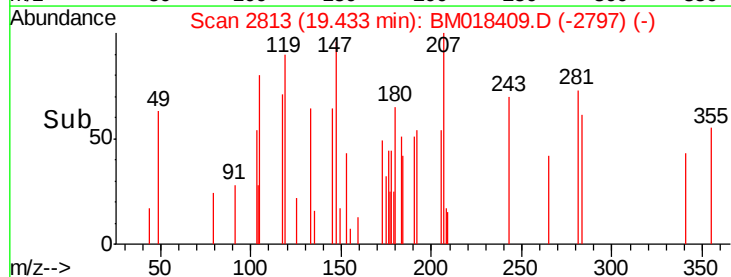
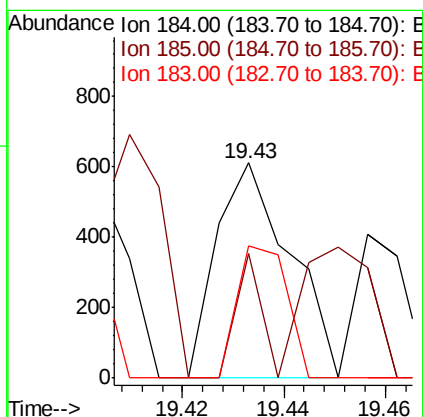
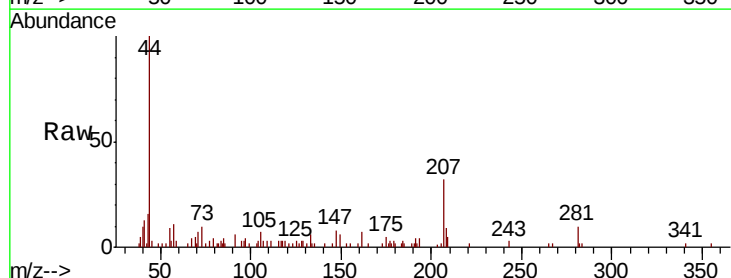
Instrument :
BNA_M
ClientSampleId :
381204089-3

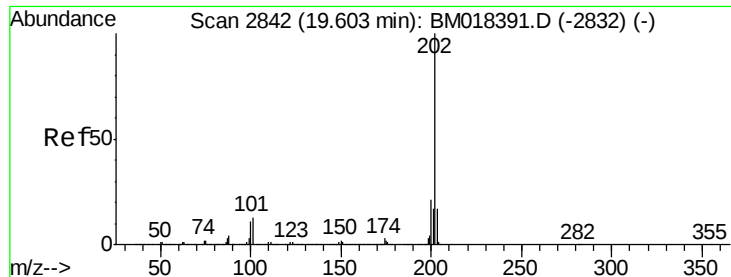
Tgt Ion:240 Resp: 2344898
Ion Ratio Lower Upper
240 100
120 11.2 8.4 12.6
236 26.0 20.7 31.1



#77
Benzidine
Concen: 0.009 ng
RT: 19.43 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BM018409.D
Acq: 27 Dec 2018 22:52

Tgt Ion:184 Resp: 615
Ion Ratio Lower Upper
184 100
185 58.1 11.4 17.0#
183 61.4 9.5 14.3#

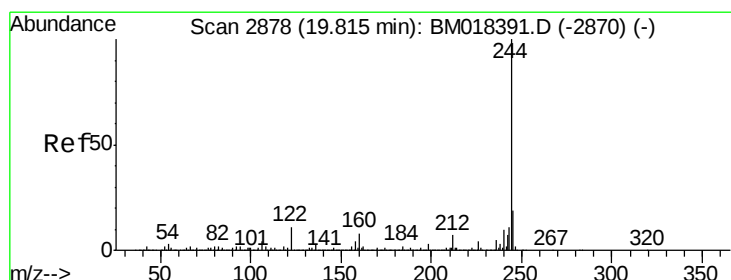
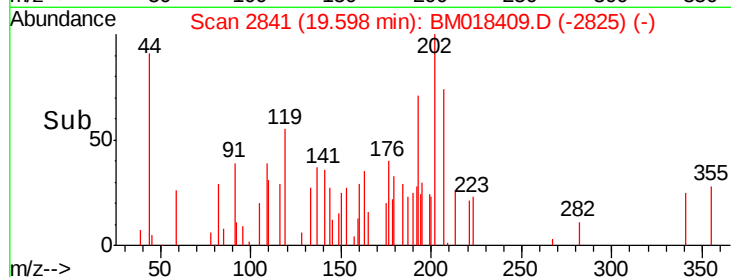
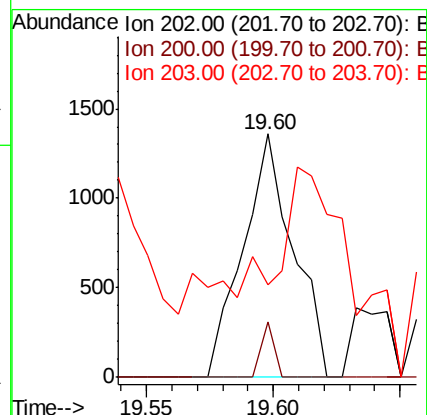
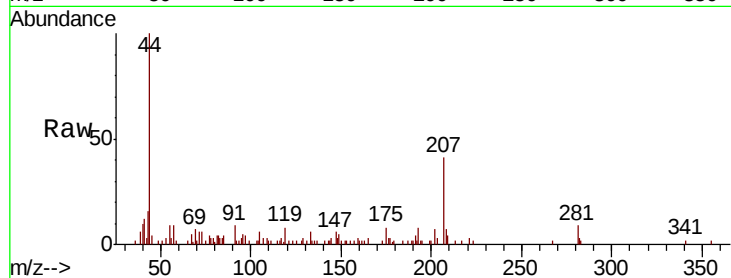




#78
 Pyrene
 Concen: 0.014 ng
 RT: 19.60 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM018409.D
 Acq: 27 Dec 2018 22:52

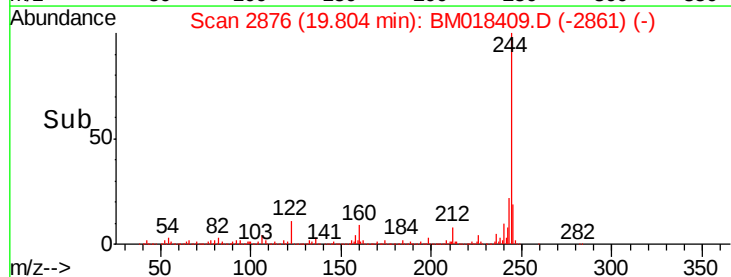
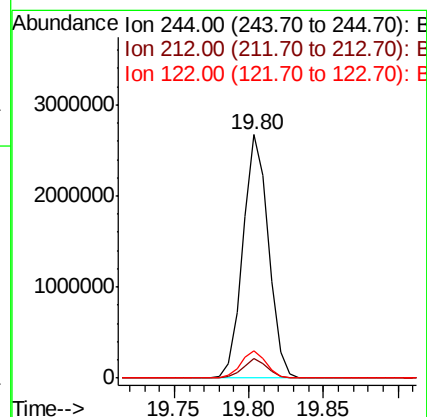
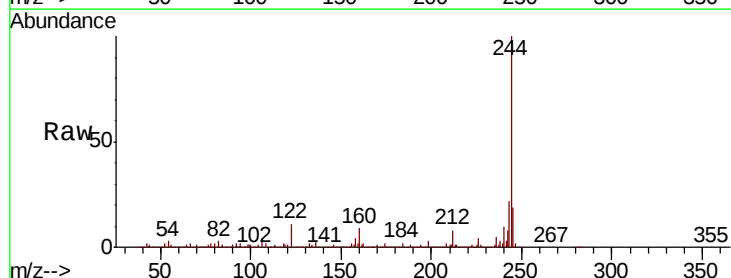
Instrument :
 BNA_M
 ClientSampleId :
 381204089-3

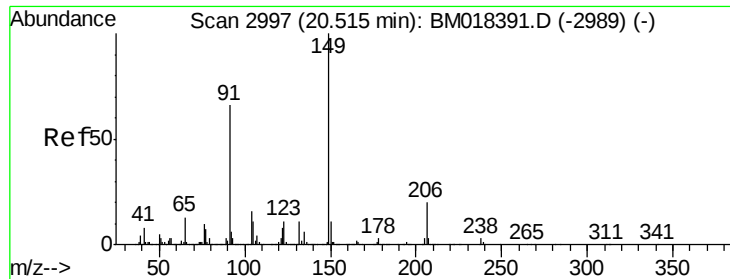
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.6	24.8
203	38.2	13.8	20.8



#79
 Terphenyl-d14
 Concen: 28.837 ng
 RT: 19.80 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BM018409.D
 Acq: 27 Dec 2018 22:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	11.2	9.0	13.4

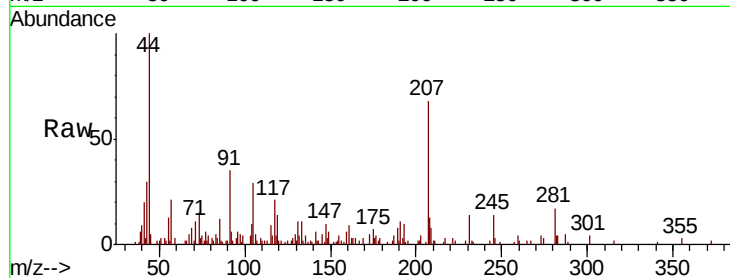




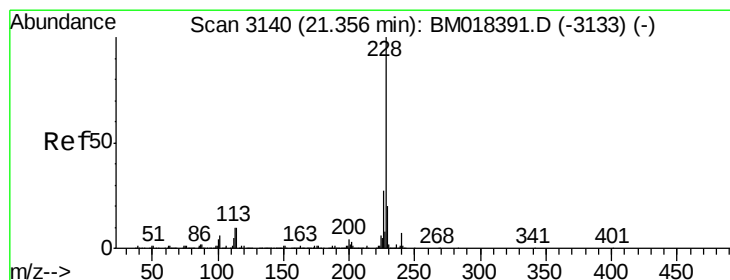
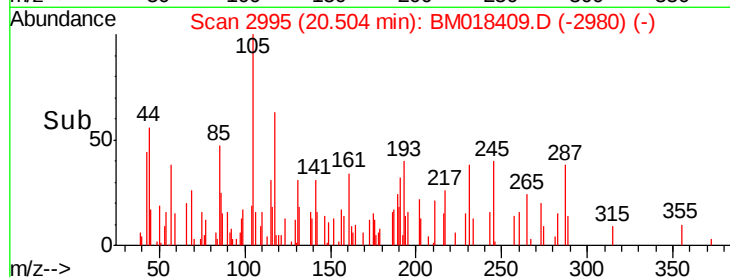
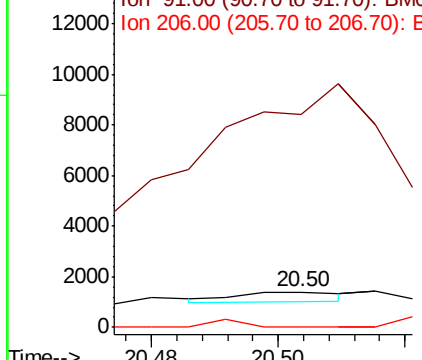
#80
 Butylbenzylphthalate
 Concen: 6.640 ng
 RT: 20.50 min Scan# 2995
 Delta R.T. -0.01 min
 Lab File: BM018409.D
 Acq: 27 Dec 2018 22:52

Instrument :
 BNA_M
 ClientSampleId :
 381204089-3

Tgt Ion:149 Resp: 456
 Ion Ratio Lower Upper
 149 100
 91 605.0 53.1 79.7#
 206 0.0 16.2 24.4#

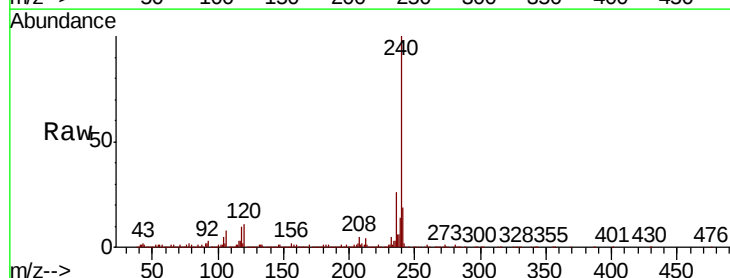


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM
 Ion 206.00 (205.70 to 206.70): E

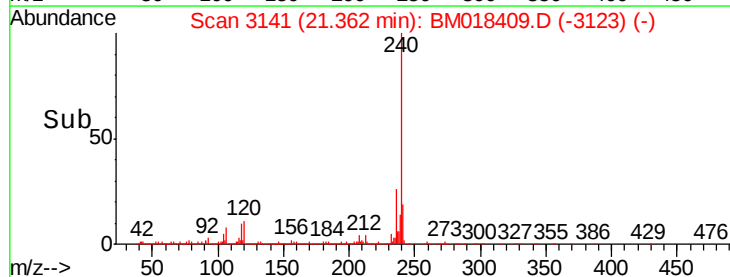
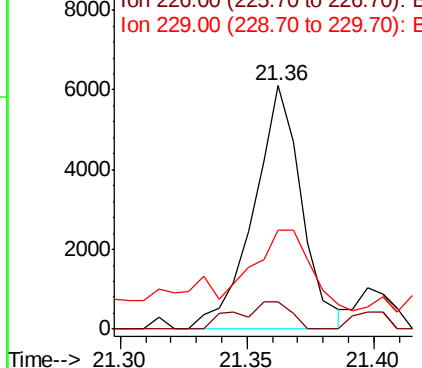


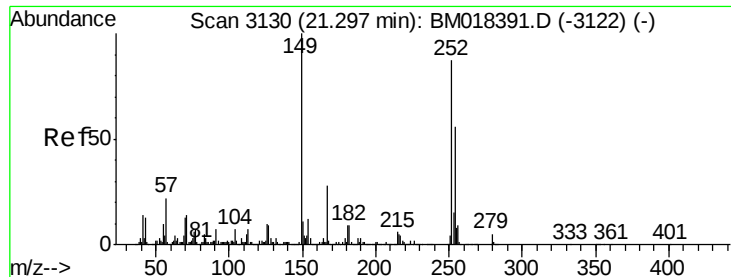
#81
 Benzo(a)anthracene
 Concen: 0.059 ng
 RT: 21.36 min Scan# 3141
 Delta R.T. 0.01 min
 Lab File: BM018409.D
 Acq: 27 Dec 2018 22:52

Tgt Ion:228 Resp: 8073
 Ion Ratio Lower Upper
 228 100
 226 11.1 21.8 32.6#
 229 40.7 15.8 23.8#



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

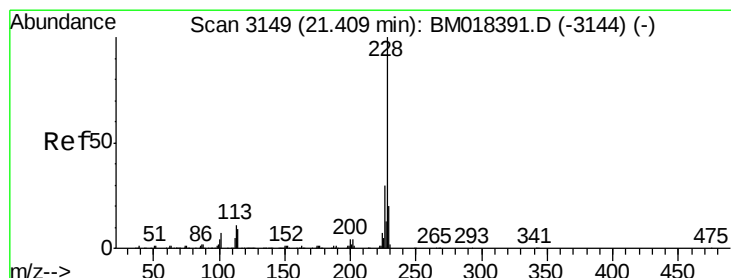
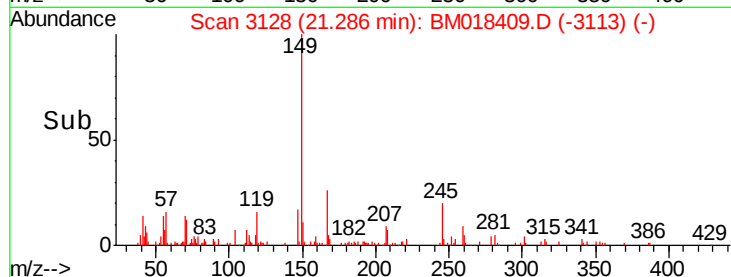
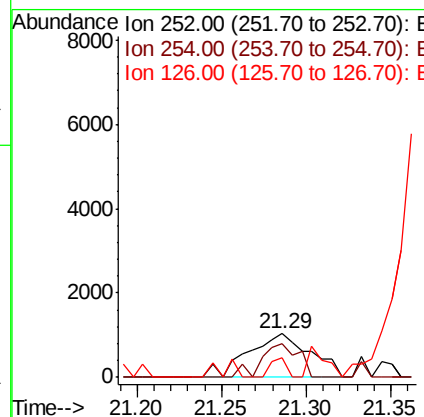
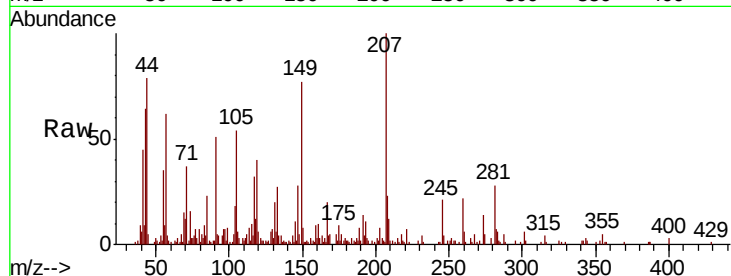




#82
 3,3'-Dichlorobenzidine
 Concen: 0.050 ng
 RT: 21.29 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BM018409.D
 Acq: 27 Dec 2018 22:52

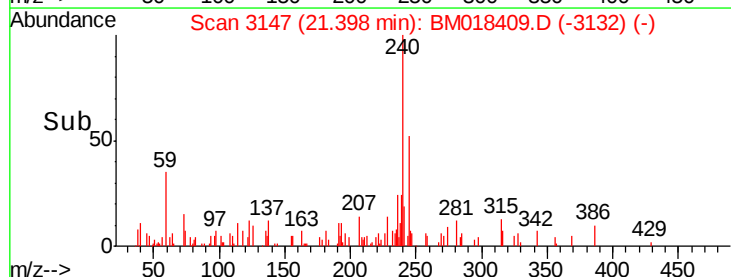
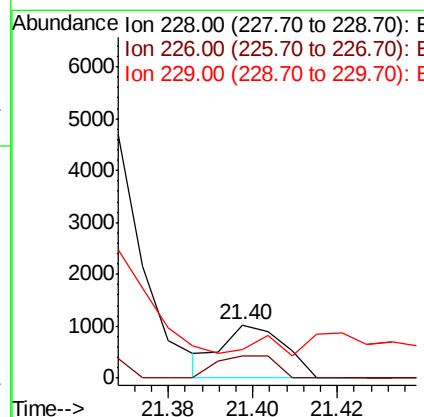
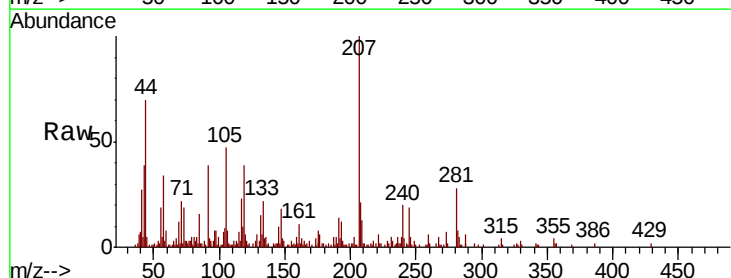
Instrument :
 BNA_M
 ClientSampleId :
 381204089-3

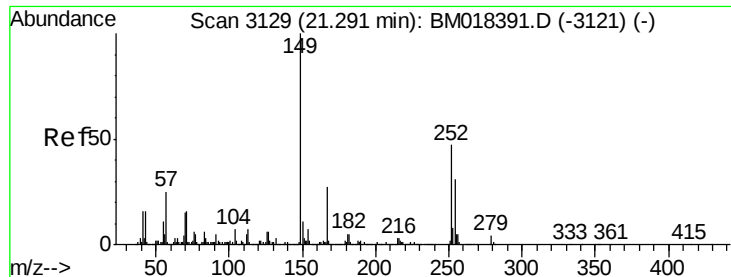
Tgt Ion:252 Resp: 2654
 Ion Ratio Lower Upper
 252 100
 254 76.7 51.4 77.0
 126 45.2 8.7 13.1#



#83
 Chrysene
 Concen: 0.008 ng
 RT: 21.40 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM018409.D
 Acq: 27 Dec 2018 22:52

Tgt Ion:228 Resp: 1042
 Ion Ratio Lower Upper
 228 100
 226 42.9 24.2 36.2#
 229 54.8 15.6 23.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.412 ng

RT: 21.28 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

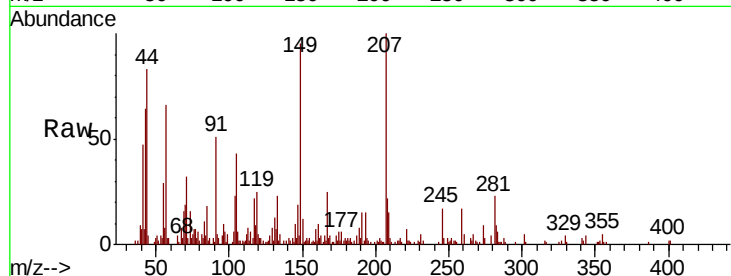
Tgt Ion:149 Resp: 37769

Ion Ratio Lower Upper

149 100

167 25.8 21.6 32.4

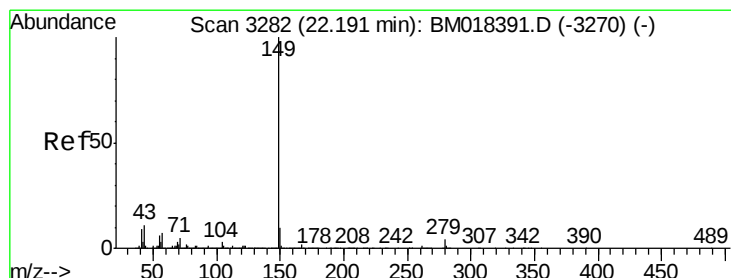
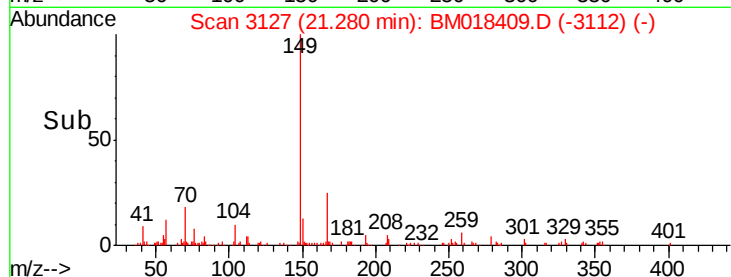
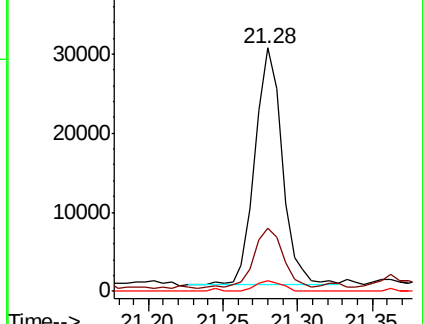
279 4.2 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 22.17 min Scan# 3278

Delta R.T. -0.02 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

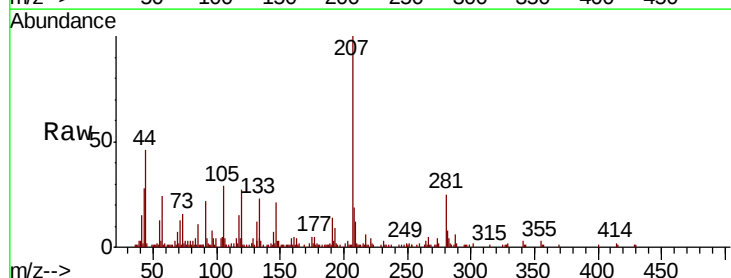
Tgt Ion:149 Resp: 983

Ion Ratio Lower Upper

149 100

167 36.8 1.3 1.9#

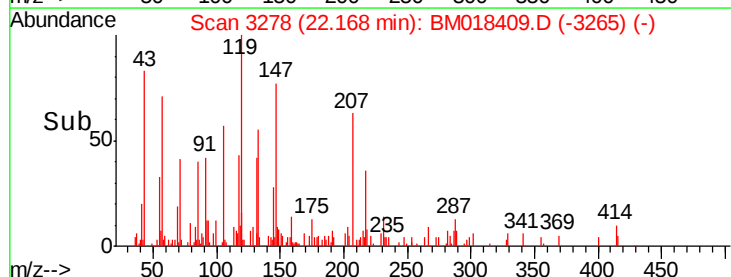
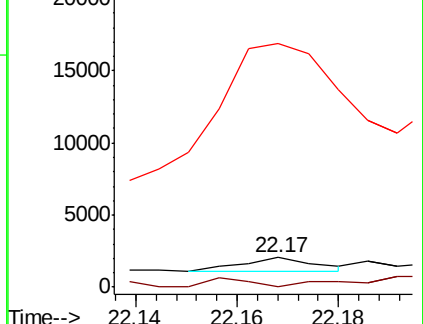
43 1751.9 8.6 12.8#

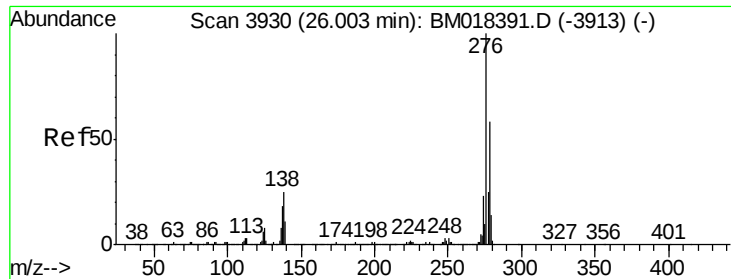


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 25.96 min Scan# 3923

Delta R.T. -0.04 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

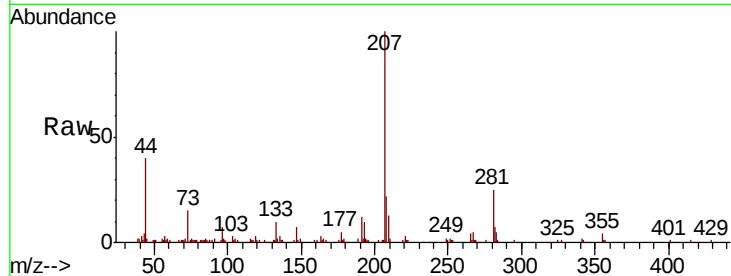
Tgt Ion:276 Resp: 189

Ion Ratio Lower Upper

276 100

138 0.0 21.5 32.3#

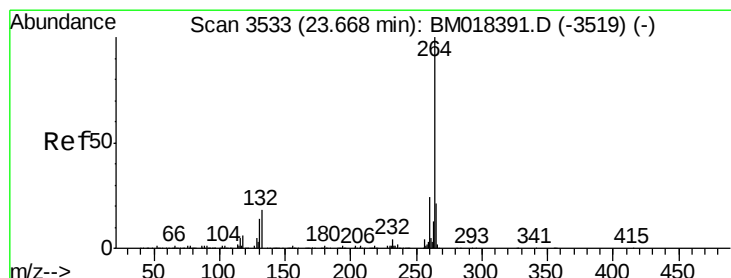
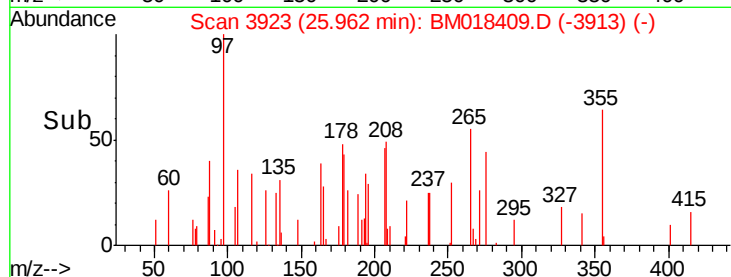
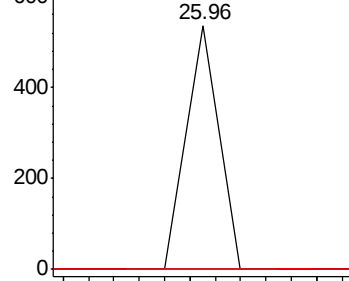
277 0.0 20.2 30.2#



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: BM018409.D

Acq: 27 Dec 2018 22:52

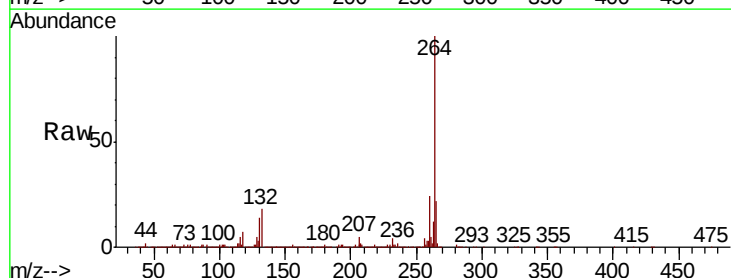
Tgt Ion:264 Resp: 2568605

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

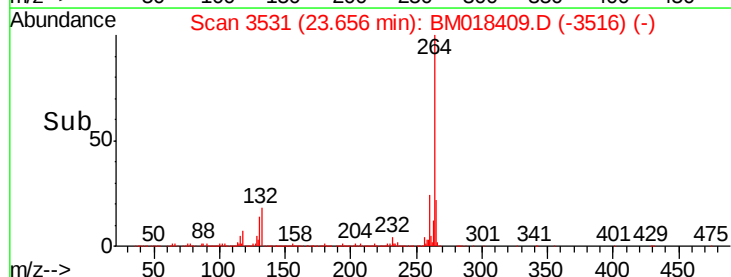
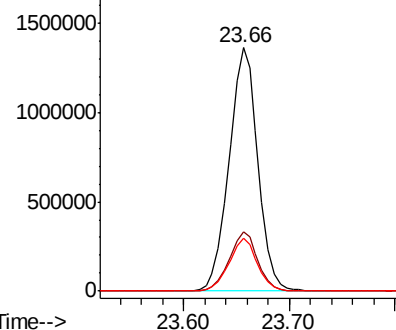
265 22.0 16.8 25.2

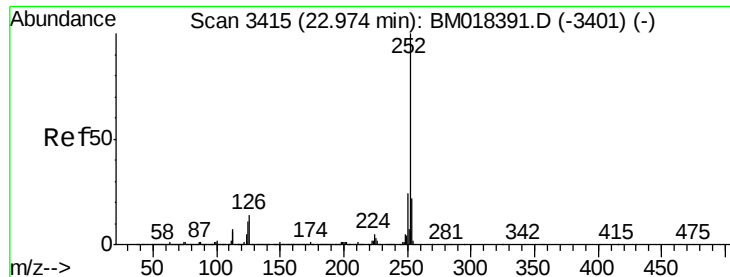


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.015 ng

RT: 22.97 min Scan# 3415

Delta R.T. 0.00 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

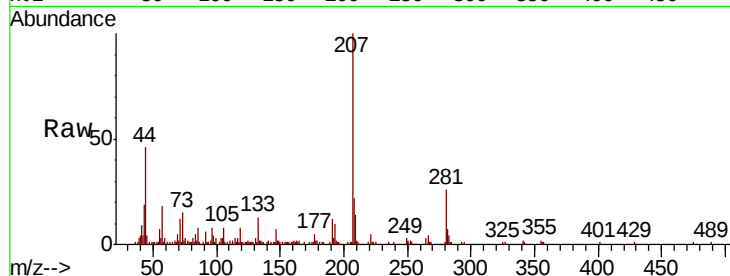
Tgt Ion:252 Resp: 2163

Ion Ratio Lower Upper

252 100

253 35.6 17.6 26.4#

125 71.7 8.5 12.7#

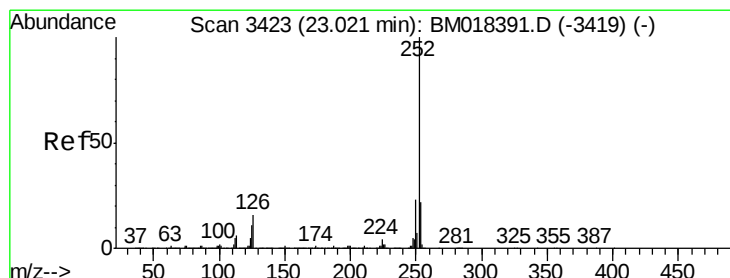
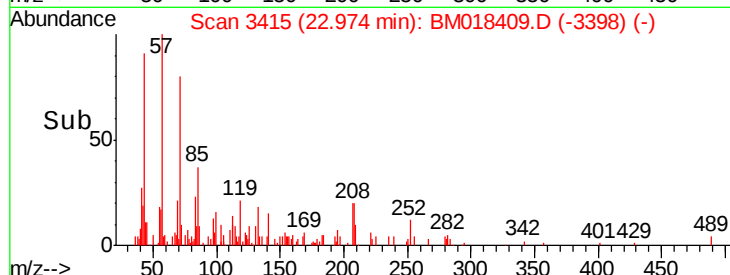
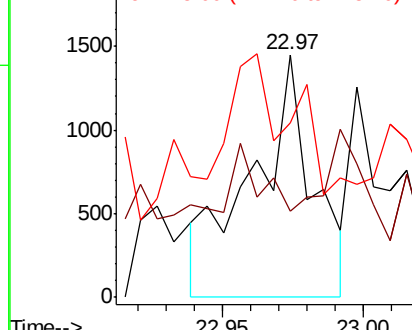


Abundance

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: 0.010 ng

RT: 23.00 min Scan# 3419

Delta R.T. -0.02 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

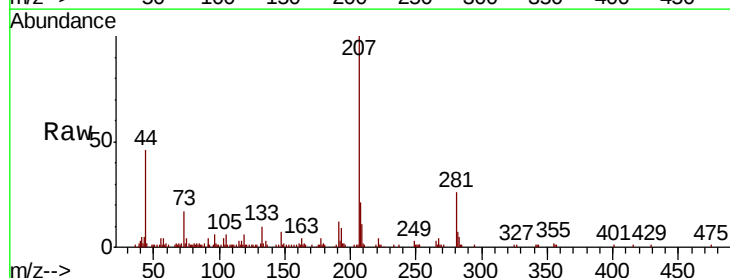
Tgt Ion:252 Resp: 1480

Ion Ratio Lower Upper

252 100

253 63.5 17.4 26.0#

125 53.6 8.6 12.8#

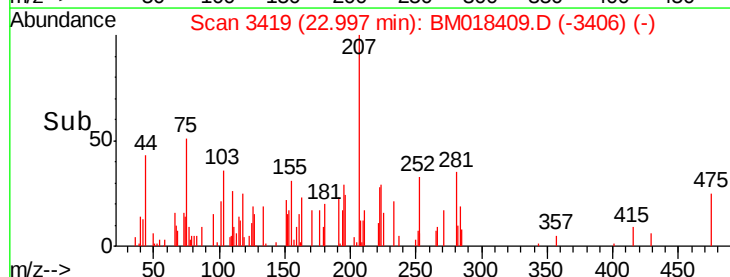
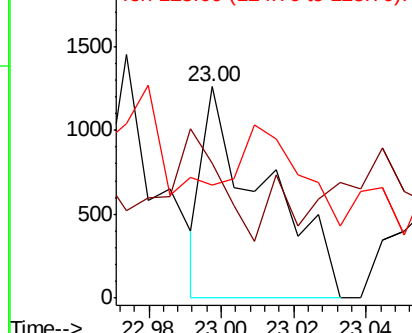


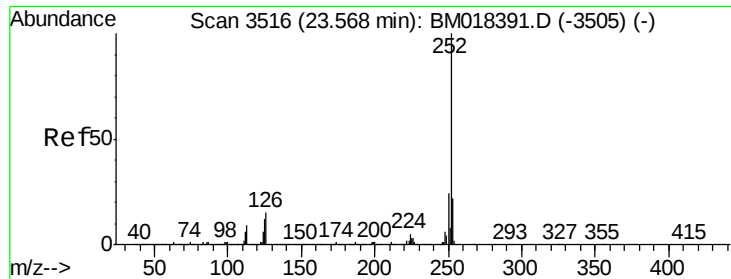
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.012 ng

RT: 23.56 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

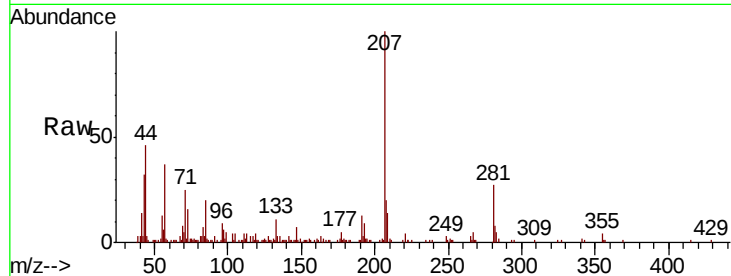
Tgt Ion:252 Resp: 1671

Ion Ratio Lower Upper

252 100

253 60.7 17.5 26.3#

125 144.5 9.7 14.5#

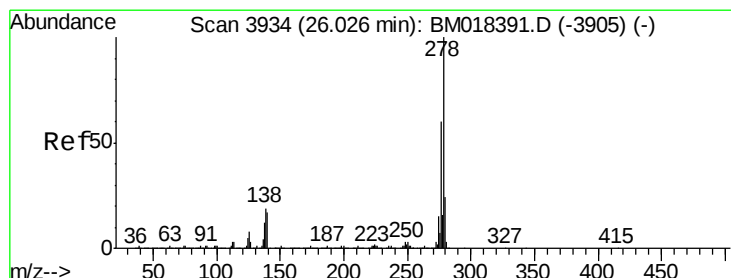
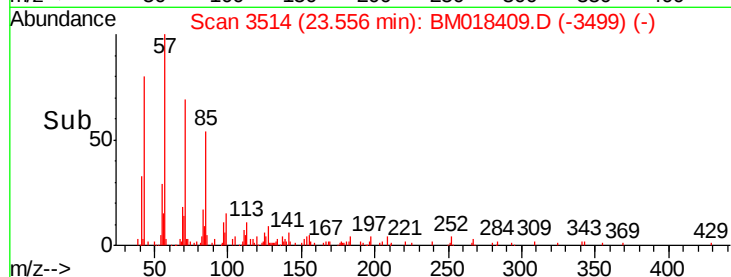
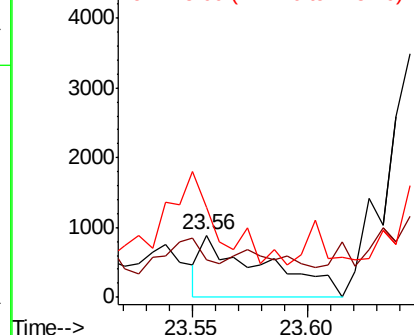


Abundance

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: BM018409.D

Acq: 27 Dec 2018 22:52

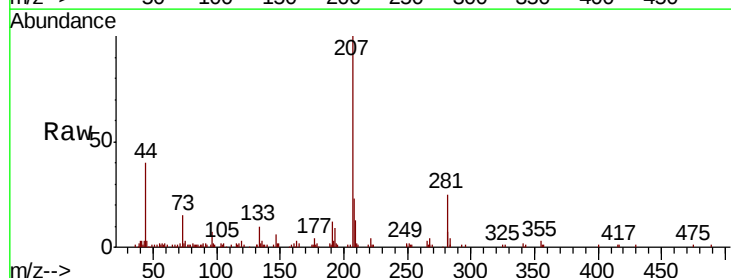
Tgt Ion:278 Resp: 108

Ion Ratio Lower Upper

278 100

139 125.8 13.2 19.8#

279 0.0 19.0 28.4#

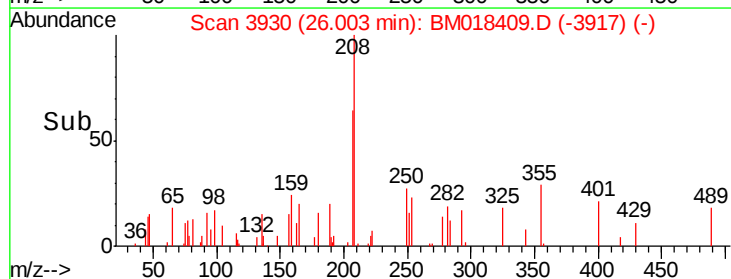
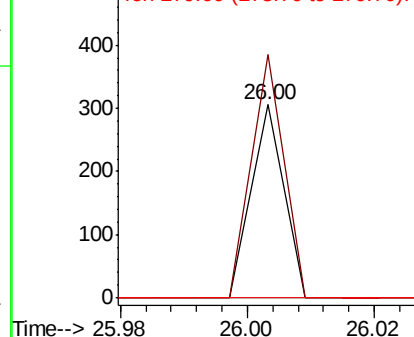


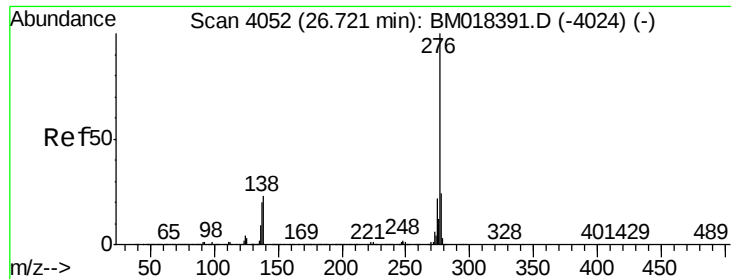
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 26.70 min Scan# 4048

Delta R.T. -0.02 min

Lab File: BM018409.D

Acq: 27 Dec 2018 22:52

Instrument :

BNA_M

ClientSampleId :

381204089-3

Tgt Ion: 276 Resp: 109

Ion Ratio Lower Upper

276 100

277 0.0 19.0 28.4#

138 0.0 18.1 27.1#

