

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
 Data File : BM018407.D
 Acq On : 27 Dec 2018 21:41
 Operator : JU/SJ
 Sample : PB116033BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BL

Quant Time: Dec 28 04:06:48 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	276896	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1250035	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	780410	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1885714	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2188842	20.00	ng	-0.01
87) Perylene-d12	23.66	264	2496322	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	4406	0.30	ng	0.00
7) Phenol-d6	6.93	99	10921	0.54	ng	0.00
23) Nitrobenzene-d5	8.95	82	12315	0.57	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	177490	17.90	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	282681	4.91	ng	0.00
79) Terphenyl-d14	19.80	244	3644489	35.48	ng	-0.01

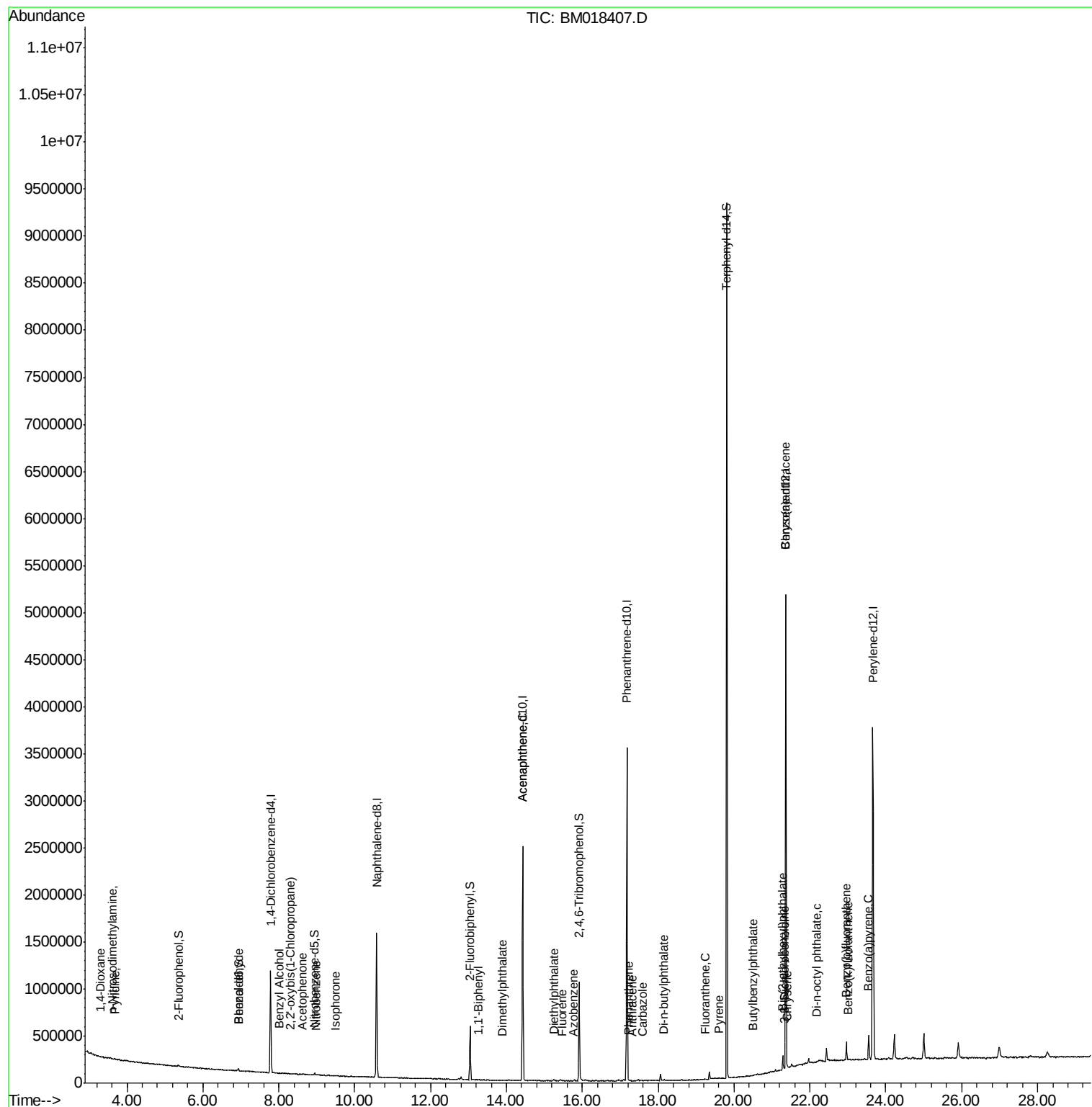
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	1096	0.183	ng	# 39
3) Pyridine	3.68	79	276	0.017	ng	# 1
4) n-Nitrosodimethylamine	3.62	42	714	0.106	ng	# 1
9) Benzaldehyde	6.93	77	406	0.028	ng	# 1
15) Benzyl Alcohol	8.01	79	224	0.014	ng	# 14
16) 2,2'-oxybis(1-Chloropropan	8.30	45	126	0.005	ng	# 69
22) Acetophenone	8.62	105	153	0.005	ng	# 1
24) Nitrobenzene	8.99	77	114	0.005	ng	# 38
25) Isophorone	9.50	82	111	0.003	ng	# 64
46) 1,1'-Biphenyl	13.26	154	591	0.009	ng	# 43
50) Dimethylphthalate	13.89	163	434	0.007	ng	# 78
52) Acenaphthene	14.42	154	3253	0.069	ng	# 4
58) Fluorene	15.47	166	854	0.014	ng	# 9
60) Diethylphthalate	15.25	149	10616	0.156	ng	# 92
63) Azobenzene	15.76	77	496	0.008	ng	# 45
71) Phenanthrene	17.22	178	645	0.006	ng	# 60
72) Anthracene	17.31	178	139	0.001	ng	# 61
73) Carbazole	17.58	167	280	0.003	ng	# 59
74) Di-n-butylphthalate	18.14	149	10031	0.085	ng	# 97
75) Fluoranthene	19.23	202	727	0.006	ng	# 64
78) Pyrene	19.60	202	913	0.007	ng	# 58
80) Butylbenzylphthalate	20.50	149	699	6.644	ng	# 78
81) Benzo(a)anthracene	21.37	228	5788	0.045	ng	# 75
82) 3,3'-Dichlorobenzidine	21.32	252	110	0.002	ng	# 26
83) Chrysene	21.40	228	343	0.003	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.28	149	44929	0.525	ng	# 96
85) Di-n-octyl phthalate	22.17	149	557	0.004	ng	# 1
88) Benzo(b)fluoranthene	22.96	252	494	0.004	ng	# 1
89) Benzo(k)fluoranthene	23.01	252	449	0.003	ng	# 1
90) Benzo(a)pyrene	23.54	252	1480	0.011	ng	# 1

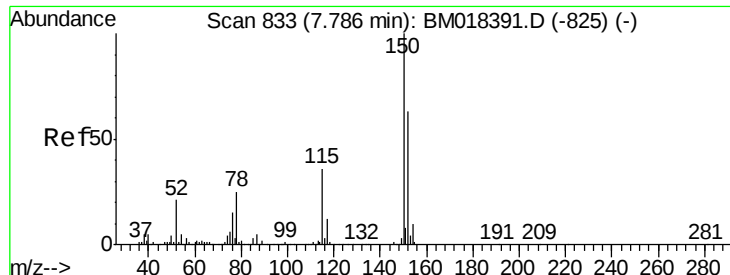
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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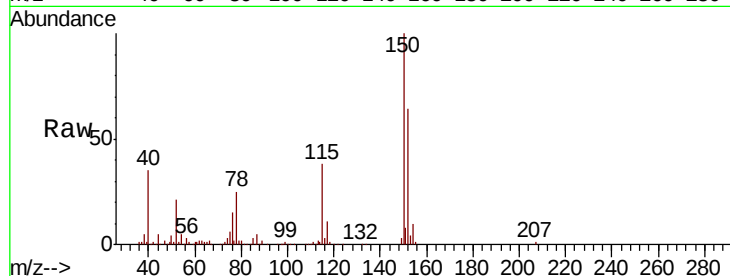


#1

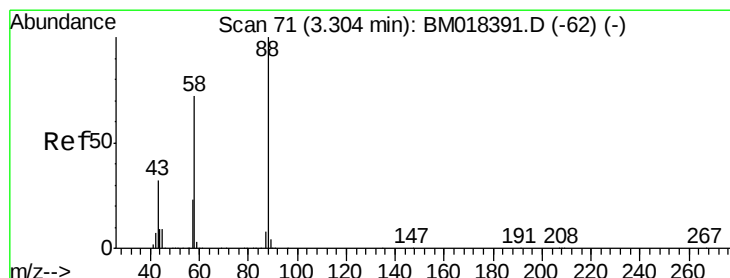
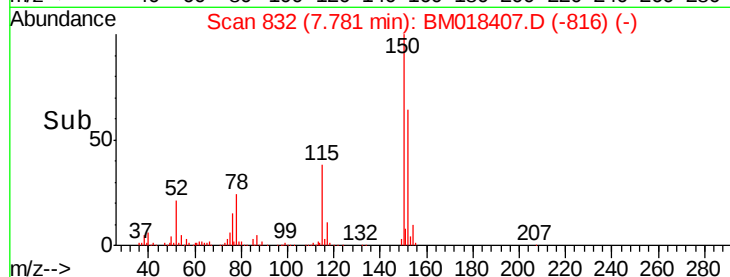
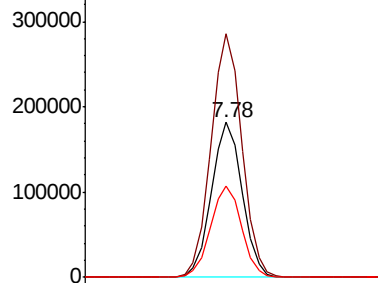
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.78 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BM018407.D
 Acq: 27 Dec 2018 21:41

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.9	190.3
115	58.8	45.5	68.3



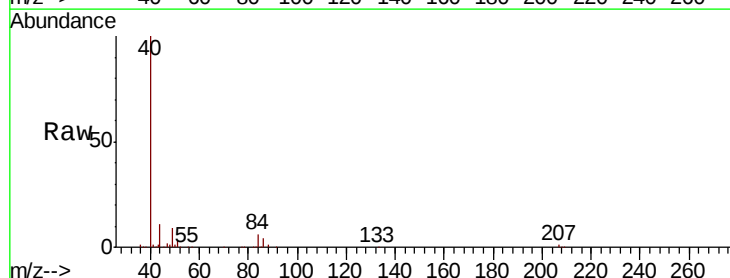
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



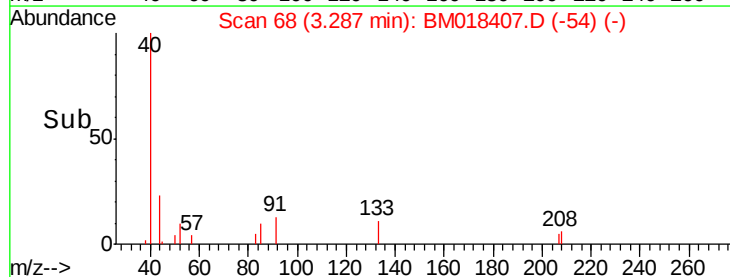
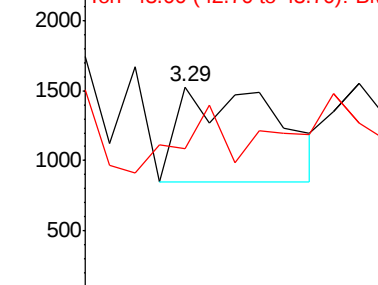
#2

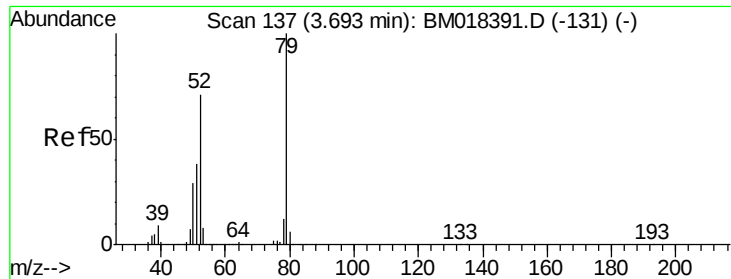
1,4-Dioxane
 Concen: 0.183 ng
 RT: 3.29 min Scan# 68
 Delta R.T. -0.02 min
 Lab File: BM018407.D
 Acq: 27 Dec 2018 21:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	58.4	87.6#
43	30.3	26.2	39.4



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





#3

Pyridine

Concen: 0.017 ng

RT: 3.68 min Scan# 134

Delta R.T. -0.02 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

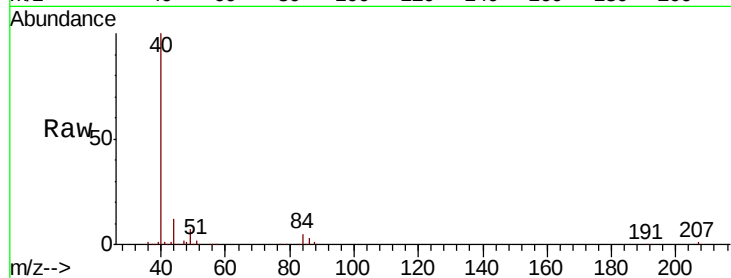
Tgt Ion: 79 Resp: 276

Ion Ratio Lower Upper

79 100

52 70.3 56.4 84.6

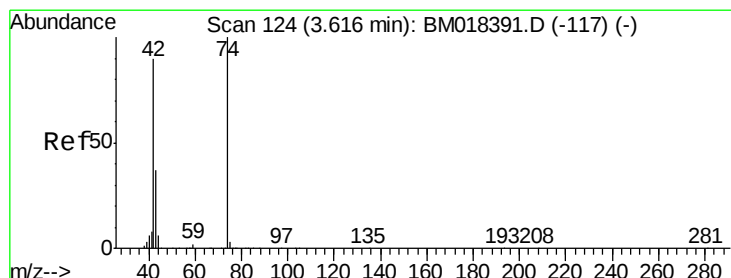
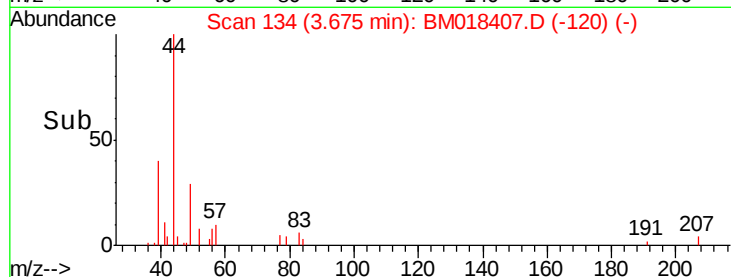
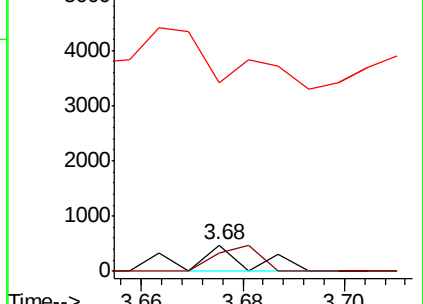
51 715.9 31.0 46.4#



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: 0.106 ng

RT: 3.62 min Scan# 125

Delta R.T. 0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

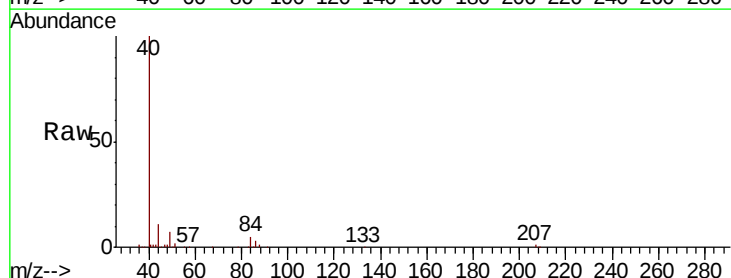
Tgt Ion: 42 Resp: 714

Ion Ratio Lower Upper

42 100

74 0.0 88.6 132.8#

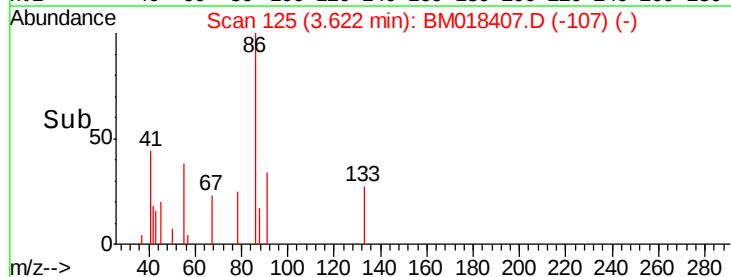
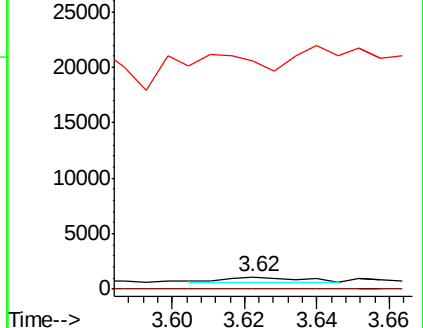
44 1812.5 16.9 25.3#

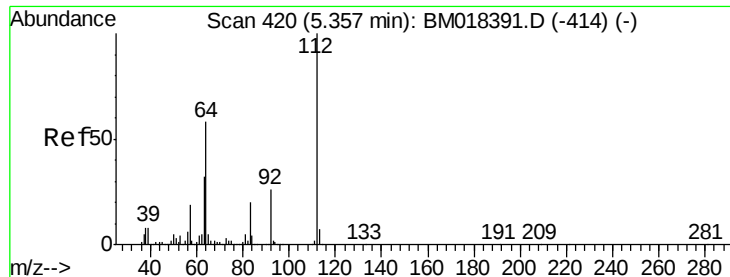


Abundance Ion 42.00 (41.70 to 42.70): BM018391.D (-117) (-)

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: 0.300 ng

RT: 5.36 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

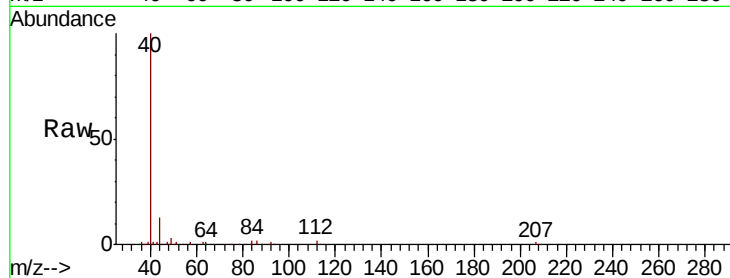
Tgt Ion: 112 Resp: 4406

Ion Ratio Lower Upper

112 100

64 71.9 46.5 69.7#

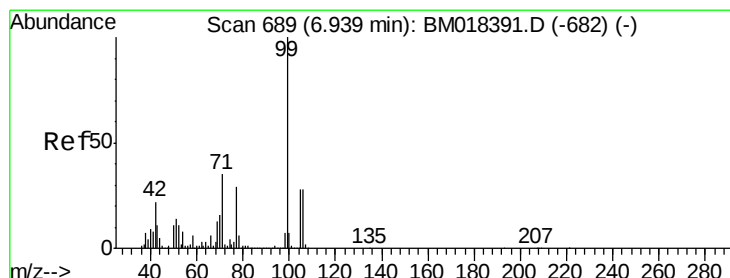
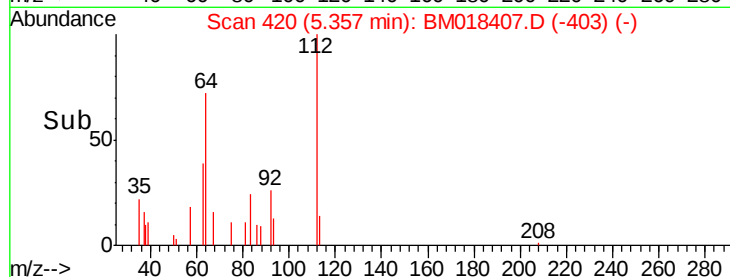
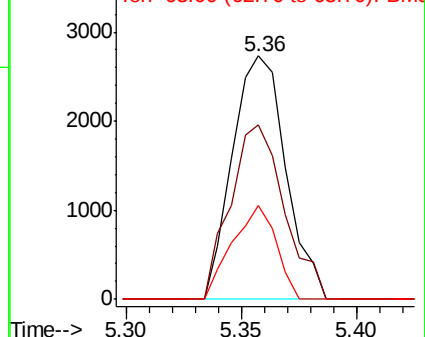
63 38.7 25.2 37.8#



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



#7

Phenol-d6

Concen: 0.536 ng

RT: 6.93 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

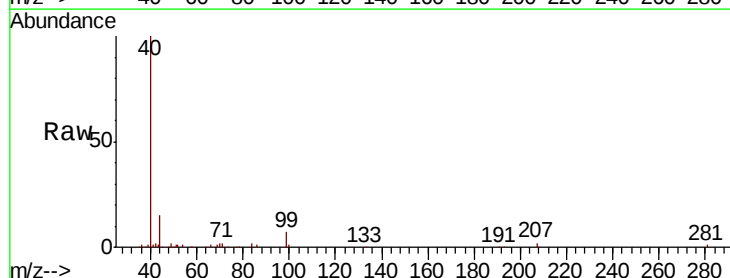
Tgt Ion: 99 Resp: 10921

Ion Ratio Lower Upper

99 100

42 21.6 17.3 25.9

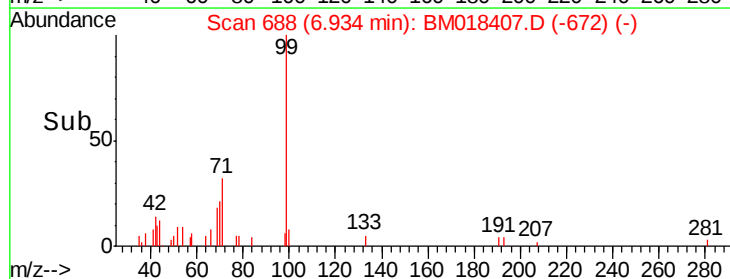
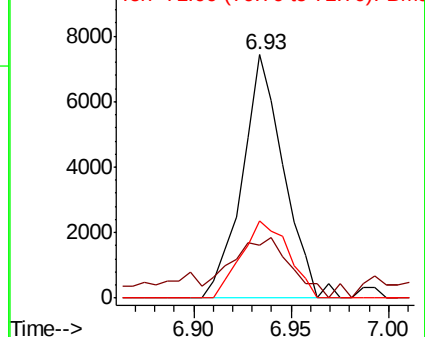
71 32.0 28.0 42.0

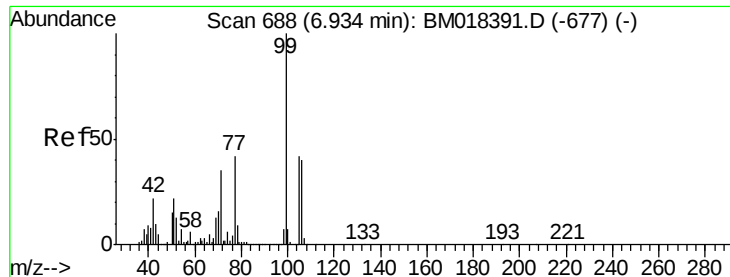


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 0.028 ng

RT: 6.93 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

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ClientSampleId :

PB116033BL

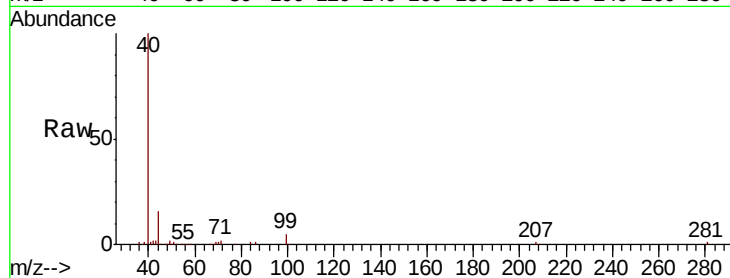
Tgt Ion: 77 Resp: 406

Ion Ratio Lower Upper

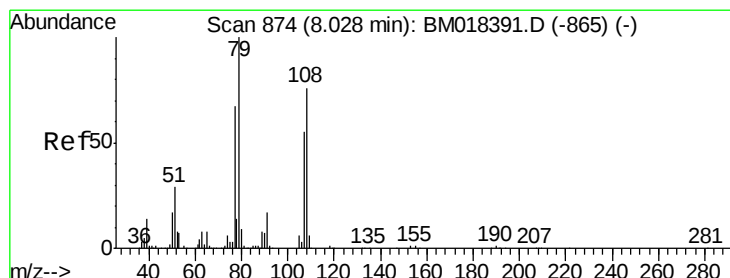
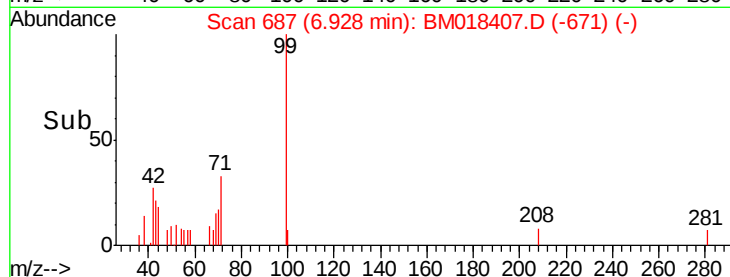
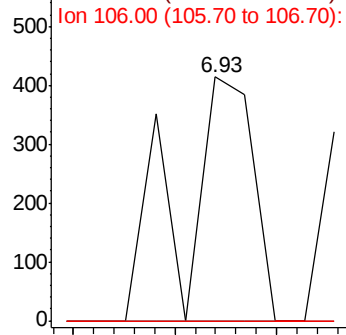
77 100

105 0.0 79.7 119.7#

106 0.0 75.2 115.2#



Abundance Ion 77.00 (76.70 to 77.70): BM018407.D (-671) (-)



#15

Benzyl Alcohol

Concen: 0.014 ng

RT: 8.01 min Scan# 871

Delta R.T. -0.02 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

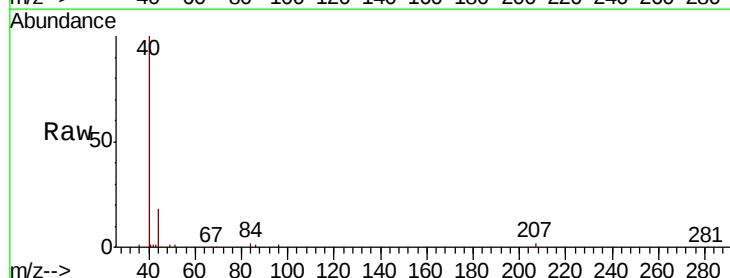
Tgt Ion: 79 Resp: 224

Ion Ratio Lower Upper

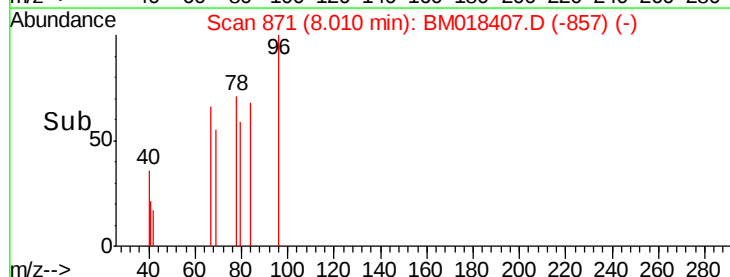
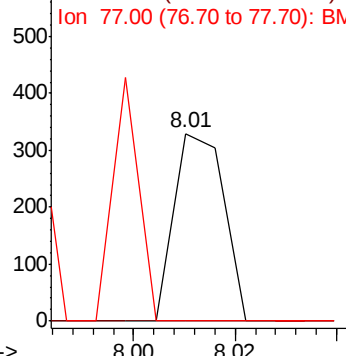
79 100

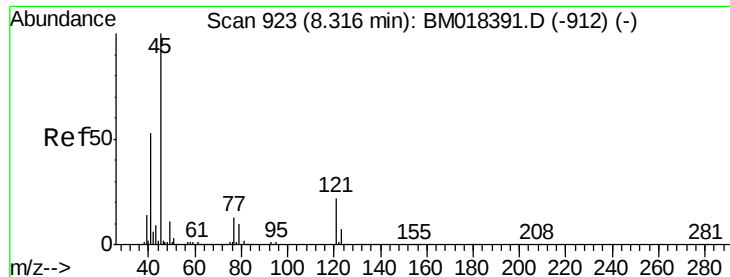
108 0.0 60.4 90.6#

77 0.0 53.4 80.2#



Abundance Ion 79.00 (78.70 to 79.70): BM018407.D (-857) (-)

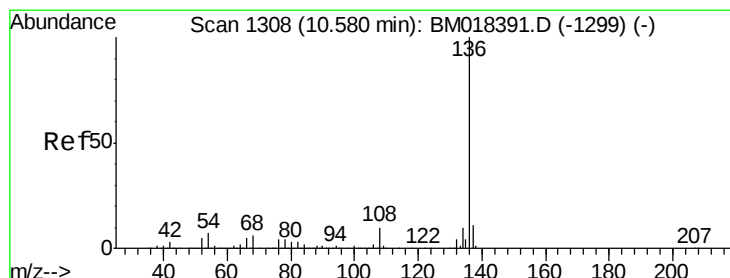
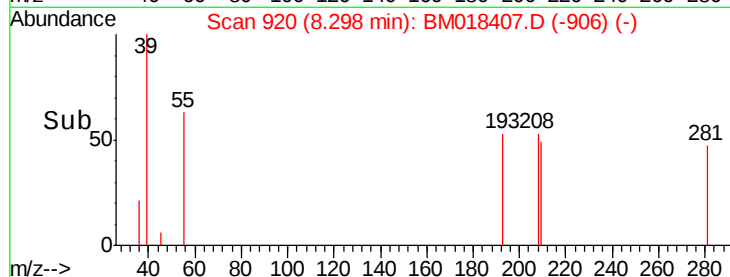
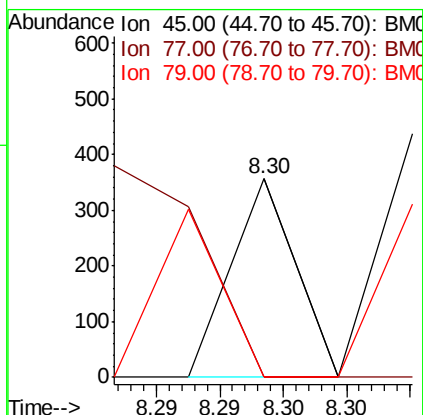
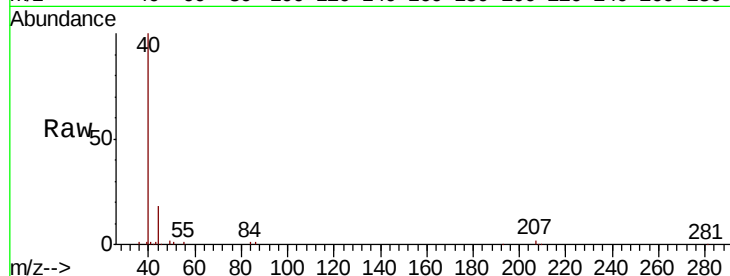




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 8.30 min Scan# 920
Delta R.T. -0.02 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

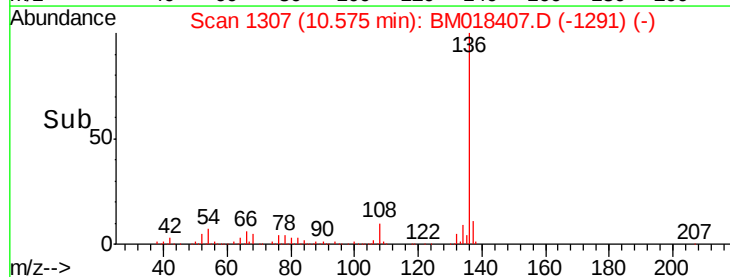
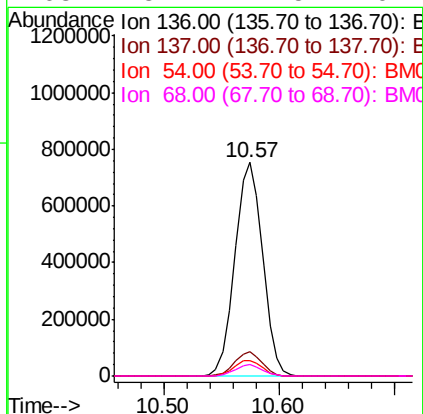
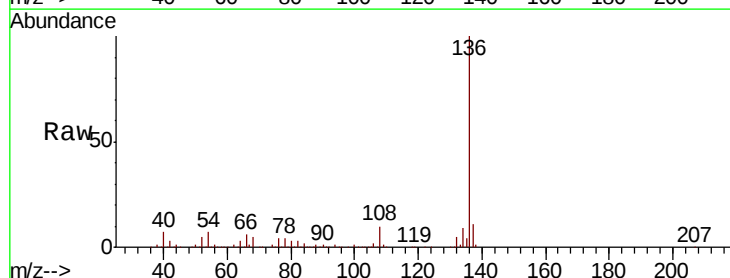
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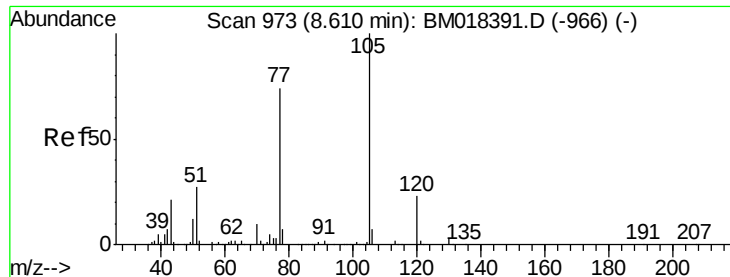
Tgt Ion: 45 Resp: 126
Ion Ratio Lower Upper
45 100
77 0.0 0.0 33.4
79 0.0 0.0 31.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

Tgt Ion: 136 Resp: 1250035
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.1 6.0 9.0
68 5.1 4.5 6.7

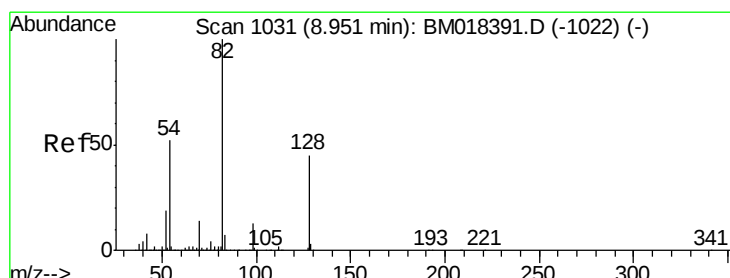
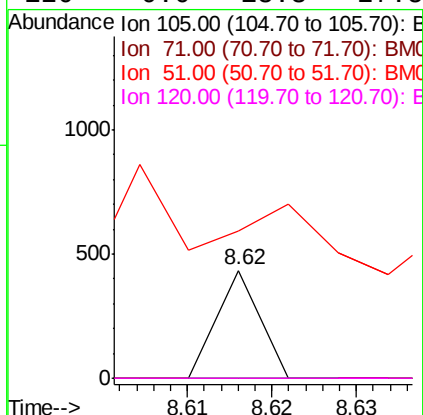
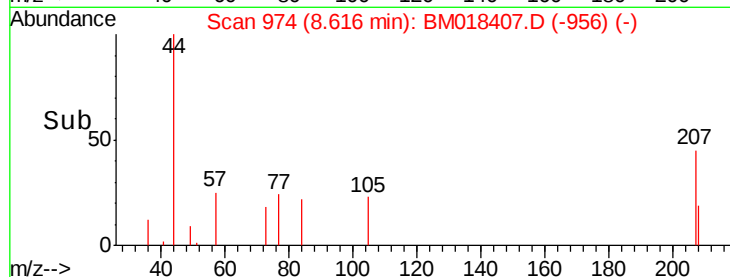
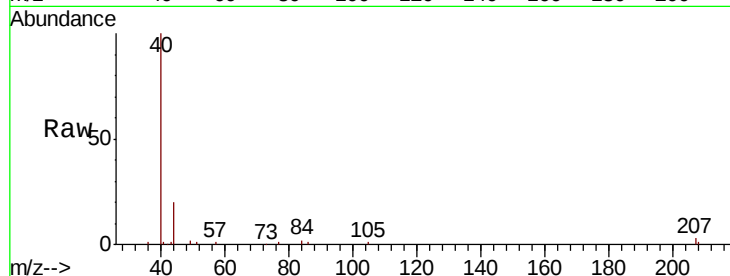




#22
Acetophenone
Concen: 0.005 ng
RT: 8.62 min Scan# 974
Delta R.T. 0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

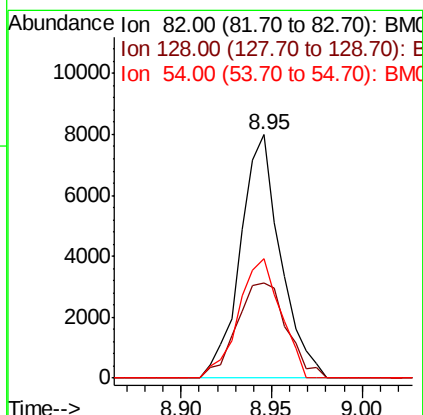
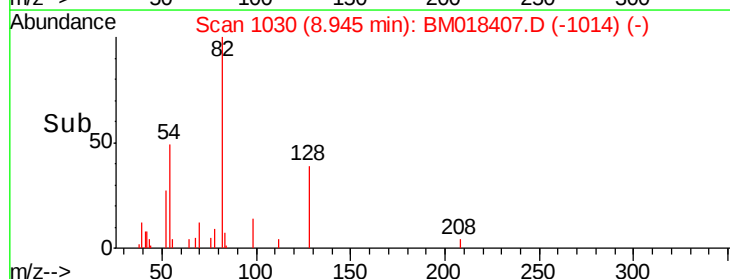
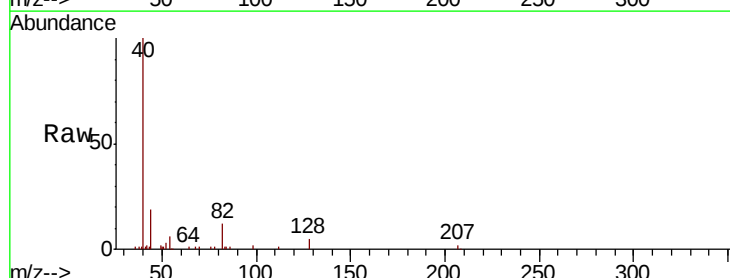
Instrument :
BNA_M
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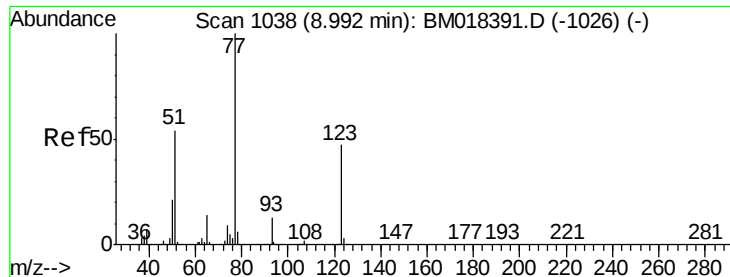
Tgt Ion: 105 Resp: 153
Ion Ratio Lower Upper
105 100
71 0.0 1.7 2.5#
51 137.0 22.6 34.0#
120 0.0 18.3 27.5#



#23
Nitrobenzene-d5
Concen: 0.565 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

Tgt Ion: 82 Resp: 12315
Ion Ratio Lower Upper
82 100
128 39.2 36.3 54.5
54 48.9 41.7 62.5

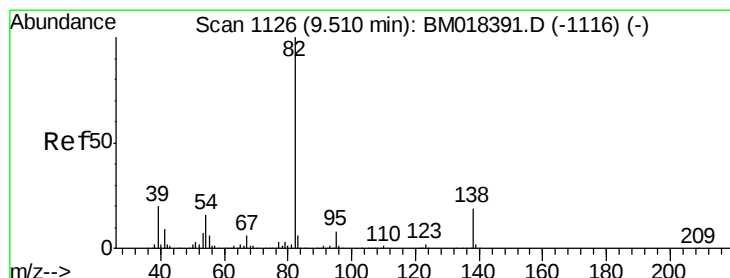
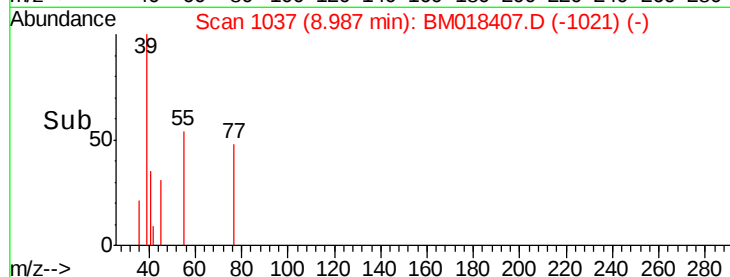
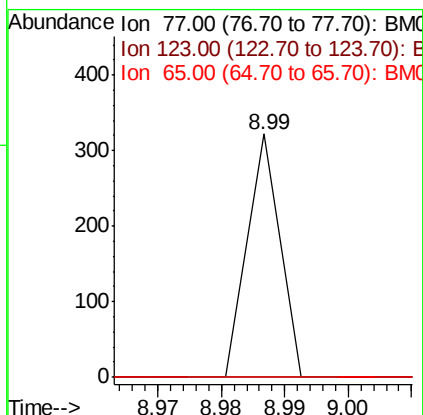
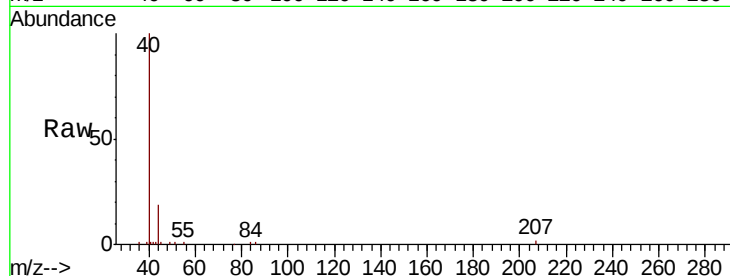




#24
Nitrobenzene
Concen: 0.005 ng
RT: 8.99 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

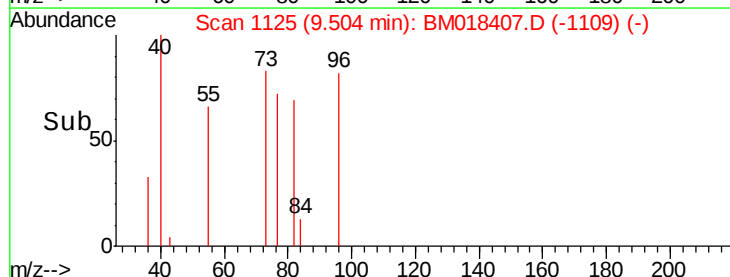
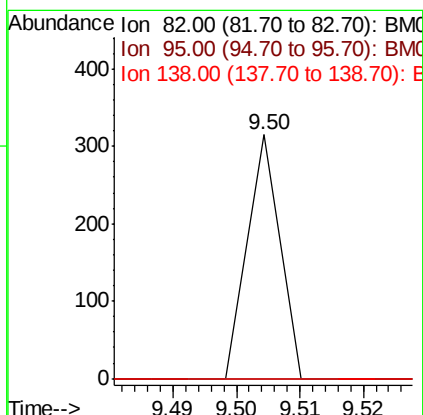
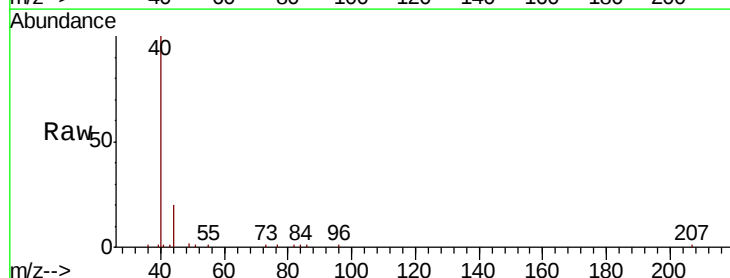
Instrument :
BNA_M
ClientSampleId :
PB116033BL

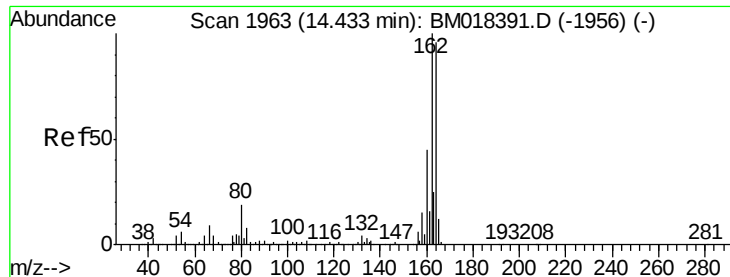
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.7	56.5#
65	0.0	11.0	16.6#



#25
Isophorone
Concen: 0.003 ng
RT: 9.50 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

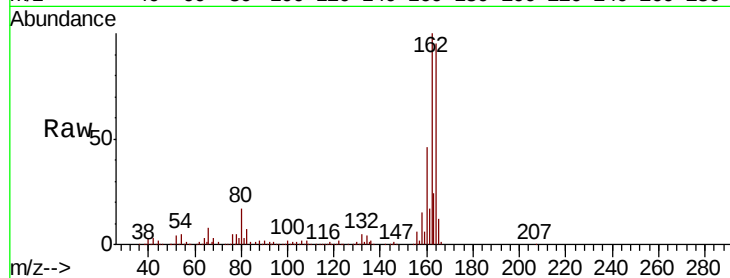
Tgt Ion:164 Resp: 780410

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.4

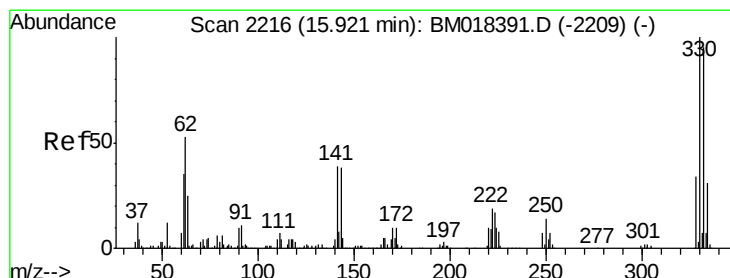
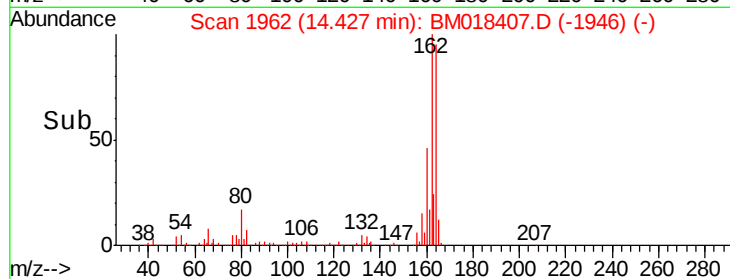
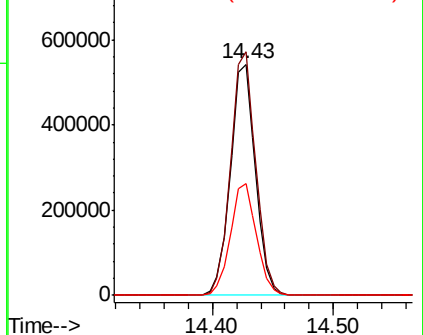
160 48.1 37.1 55.7



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: 17.900 ng

RT: 15.92 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

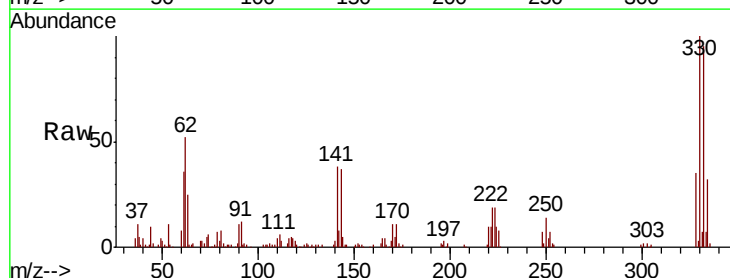
Tgt Ion:330 Resp: 177490

Ion Ratio Lower Upper

330 100

332 94.8 77.6 116.4

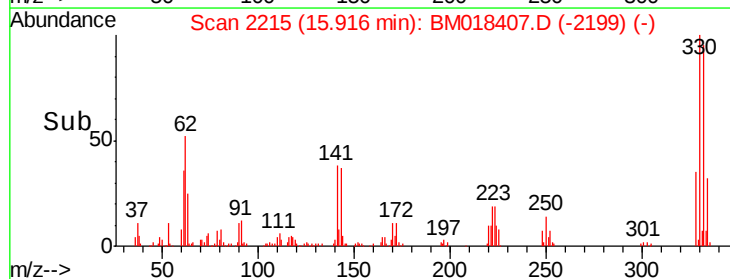
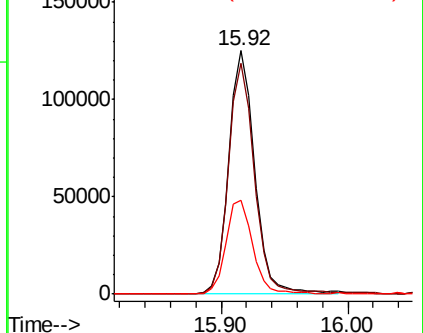
141 39.8 31.7 47.5

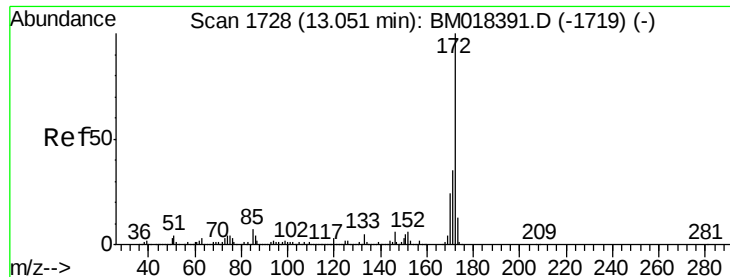


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

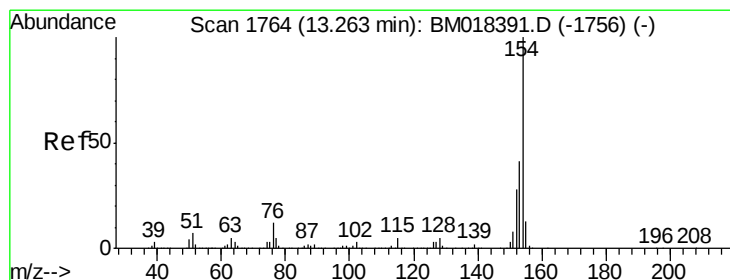
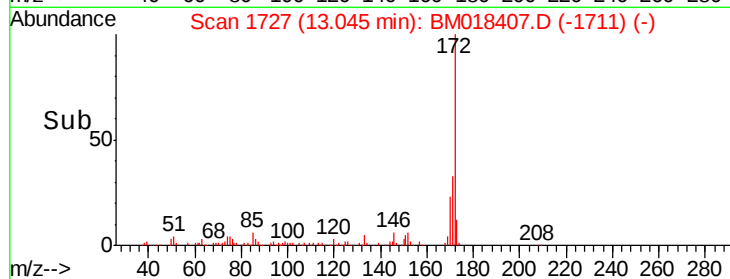
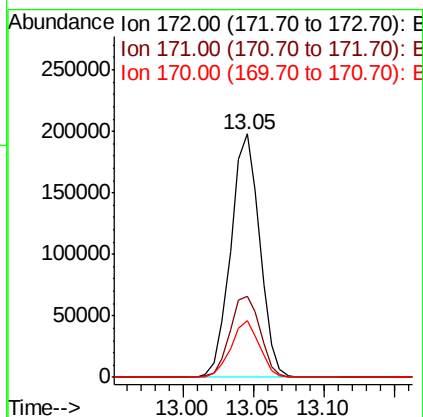
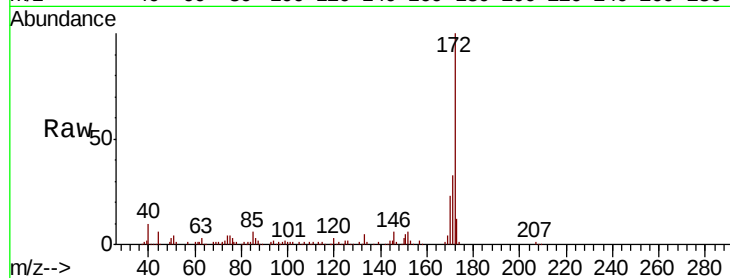




#45
2-Fluorobiphenyl
Concen: 4.906 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

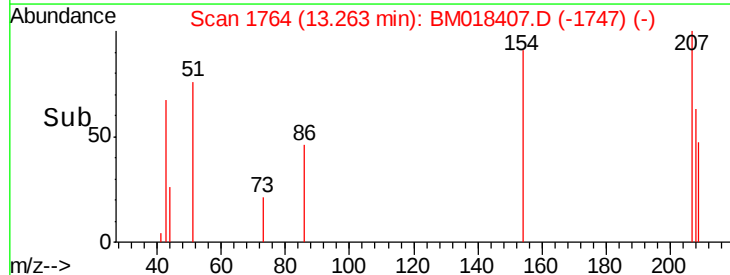
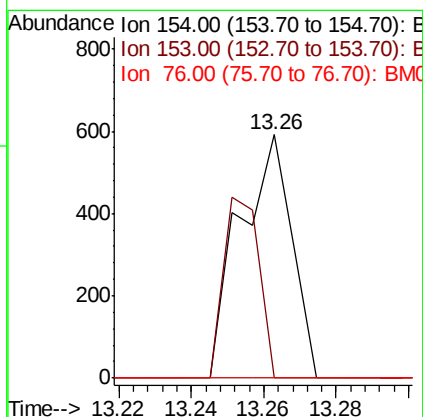
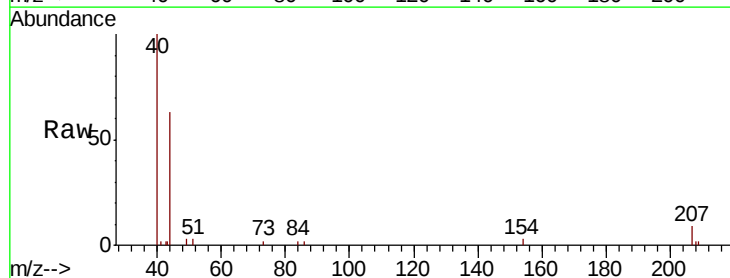
Instrument :
BNA_M
ClientSampleId :
PB116033BL

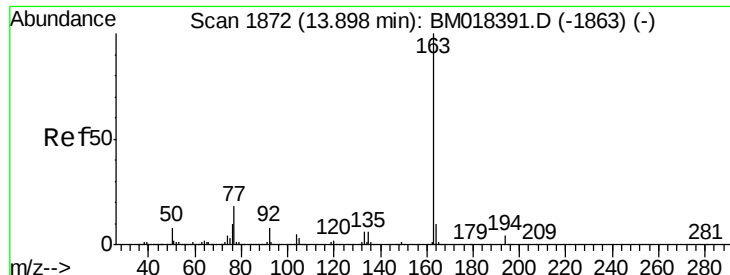
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.2	42.4
170	23.2	18.9	28.3



#46
1,1'-Biphenyl
Concen: 0.009 ng
RT: 13.26 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.5	60.5#
76	0.0	0.0	31.9





#50

Dimethylphthalate

Concen: 0.007 ng

RT: 13.89 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

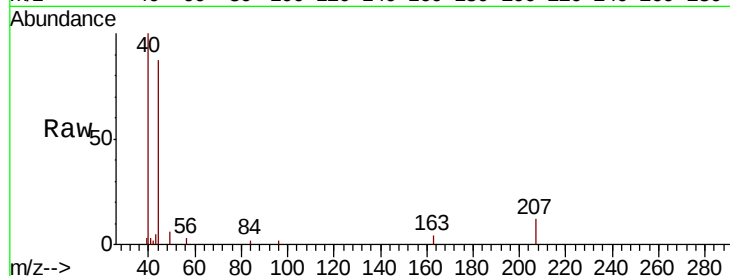
Tgt Ion:163 Resp: 434

Ion Ratio Lower Upper

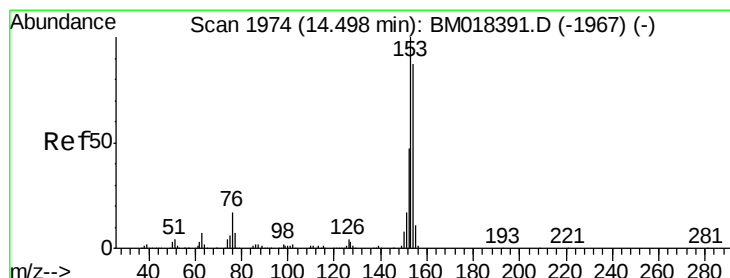
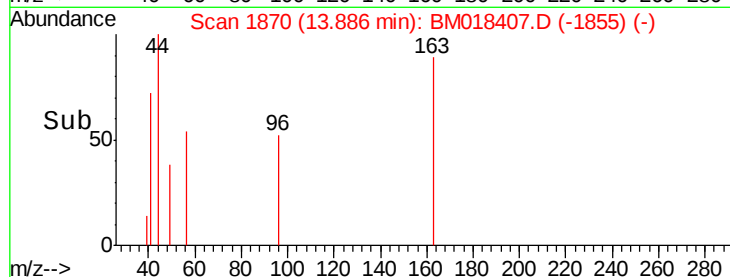
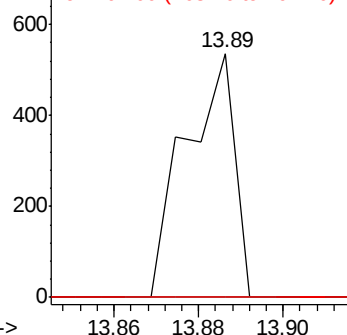
163 100

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



#52

Acenaphthene

Concen: 0.069 ng

RT: 14.42 min Scan# 1961

Delta R.T. -0.08 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

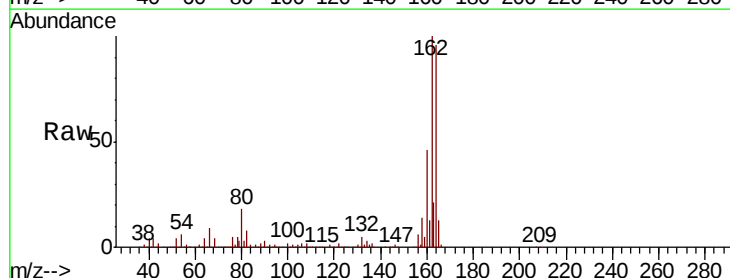
Tgt Ion:154 Resp: 3253

Ion Ratio Lower Upper

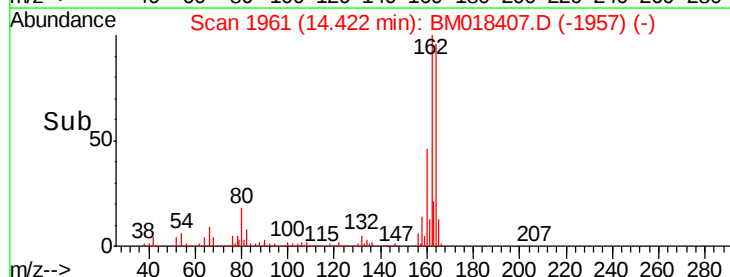
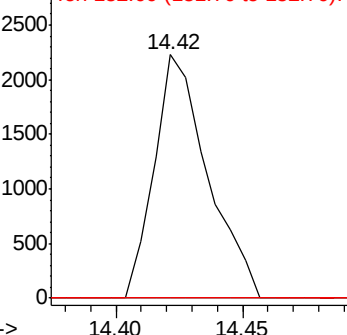
154 100

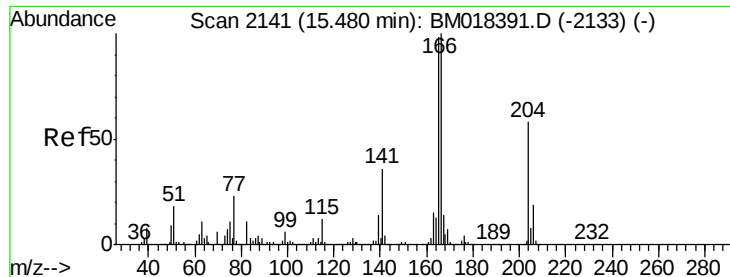
153 0.0 92.3 138.5#

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: 0.014 ng

RT: 15.47 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

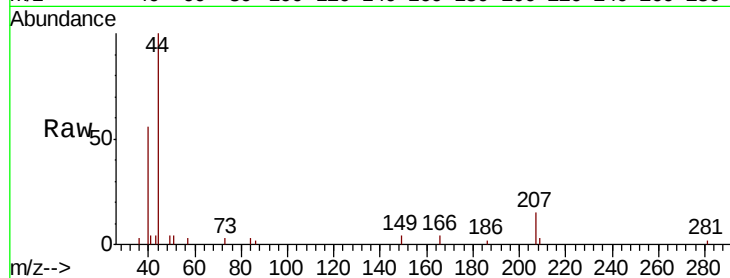
Tgt Ion:166 Resp: 854

Ion Ratio Lower Upper

166 100

165 0.0 78.3 117.5#

167 0.0 10.9 16.3#



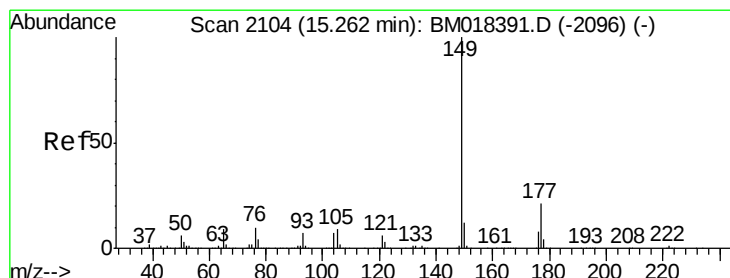
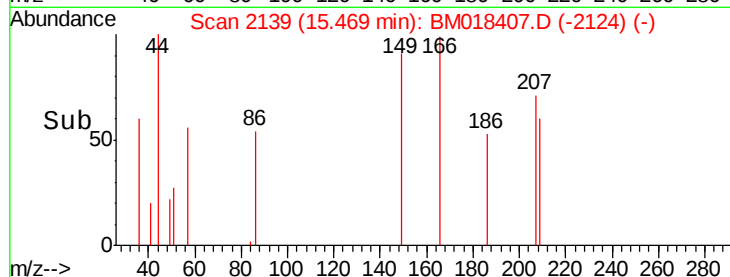
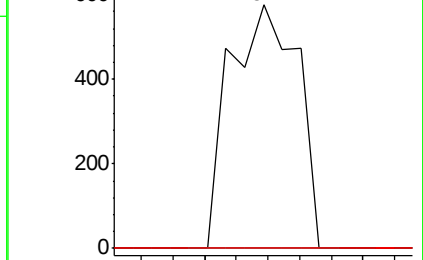
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.47



#60

Diethylphthalate

Concen: 0.156 ng

RT: 15.25 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

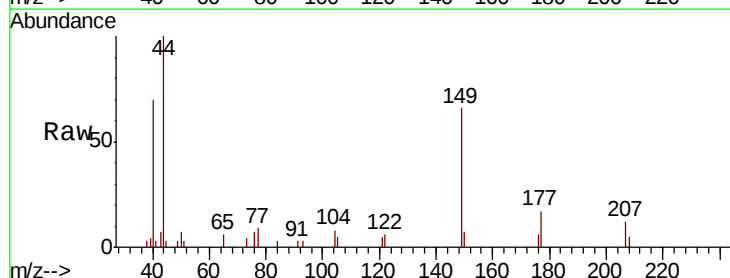
Tgt Ion:149 Resp: 10616

Ion Ratio Lower Upper

149 100

177 26.4 17.1 25.7#

150 10.9 9.8 14.6



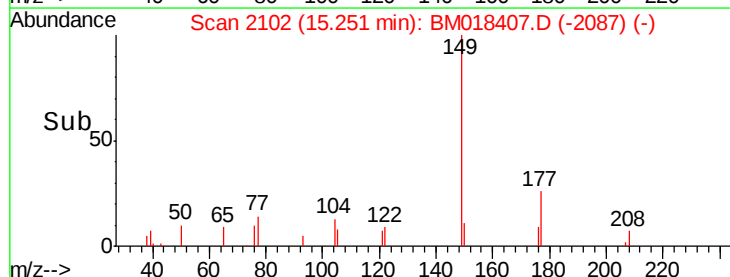
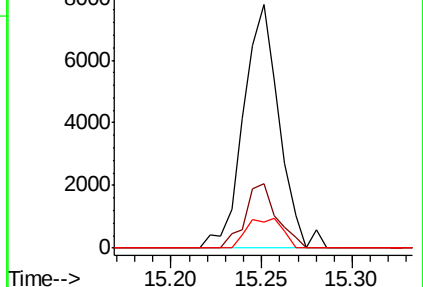
Abundance

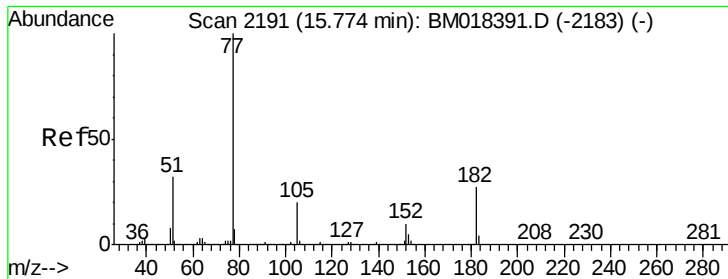
Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.25





#63

Azobenzene

Concen: 0.008 ng

RT: 15.76 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

Tgt Ion: 77 Resp: 496

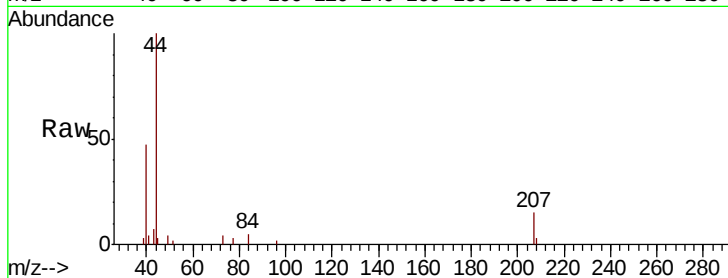
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.0 39.6

51 67.7 12.0 52.0#

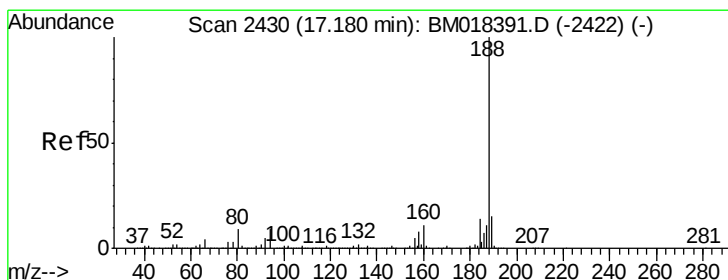
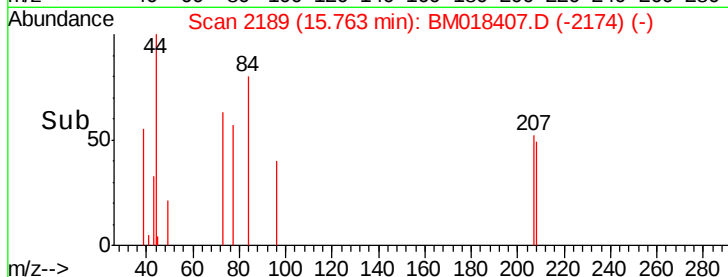
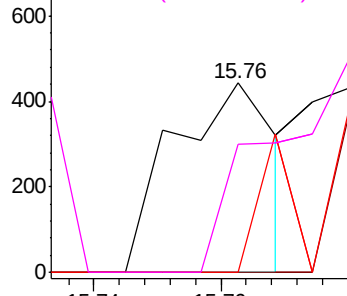


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM018407.D

Acq: 27 Dec 2018 21:41

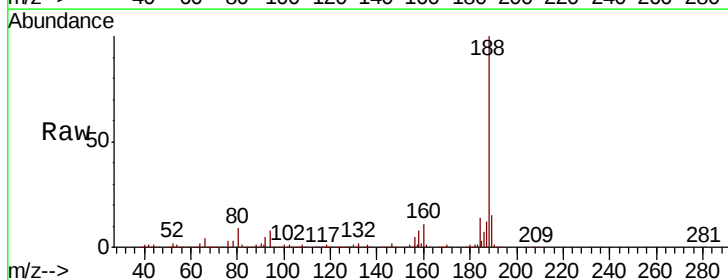
Tgt Ion: 188 Resp: 1885714

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

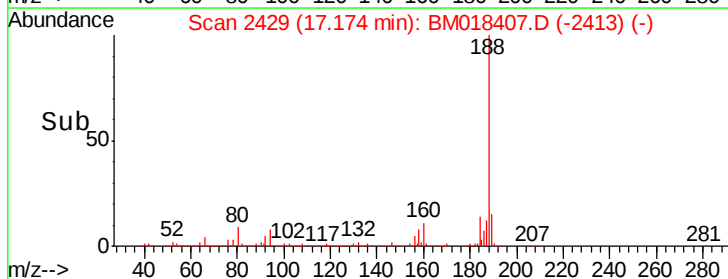
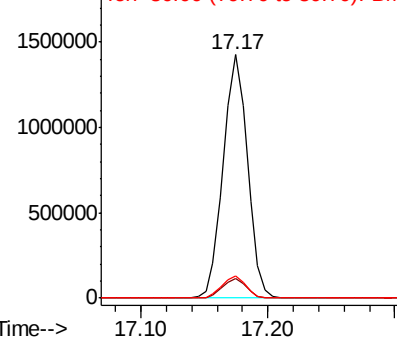
80 9.1 7.6 11.4

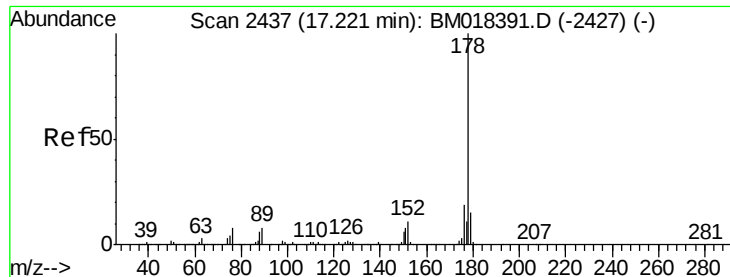


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

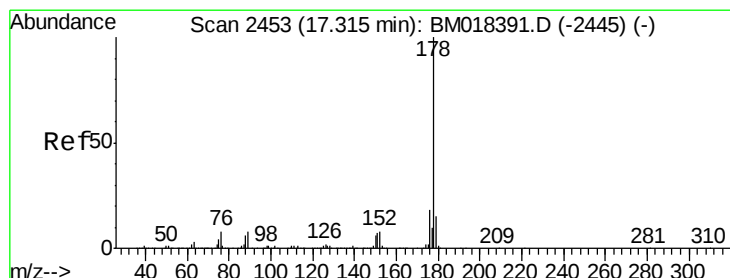
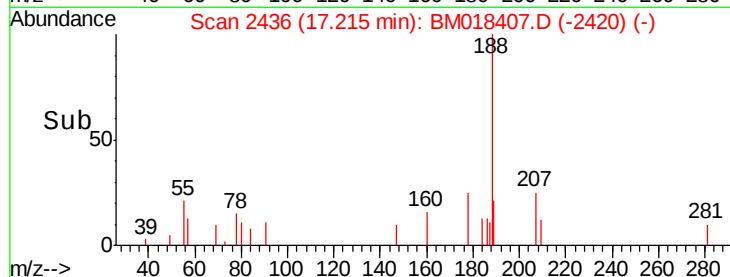
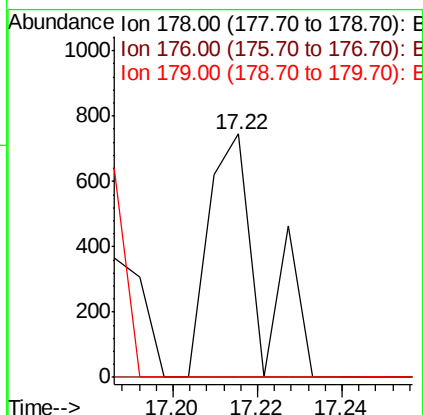
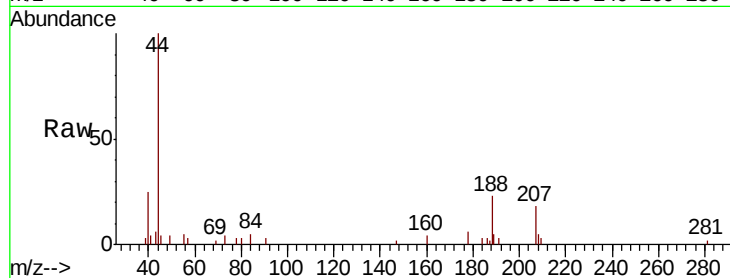




#71
Phenanthrene
Concen: 0.006 ng
RT: 17.22 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

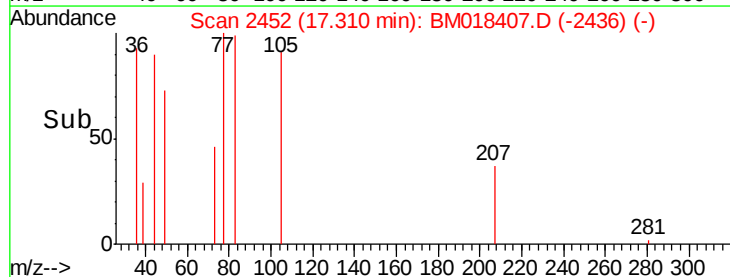
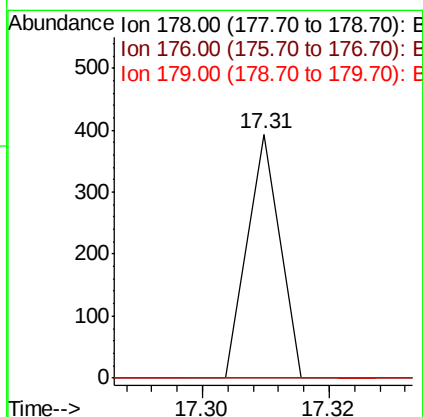
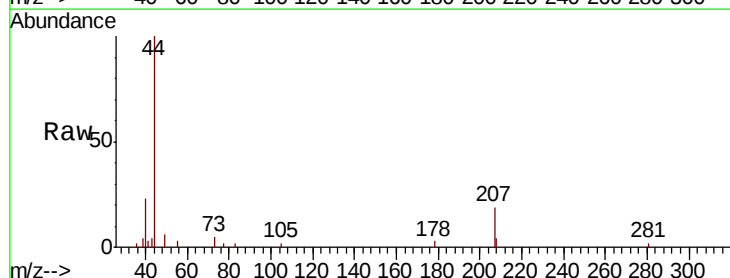
Instrument :
BNA_M
ClientSampleId :
PB116033BL

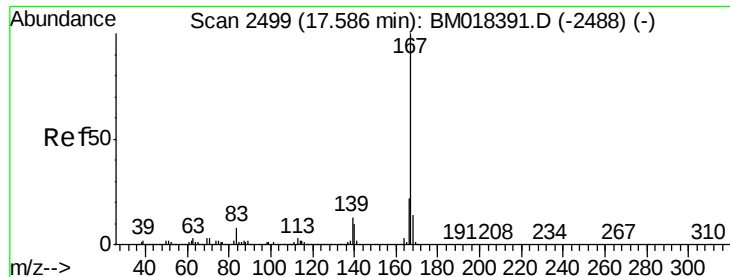
Tgt Ion:178 Resp: 645
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.0#
179 0.0 12.2 18.4#



#72
Anthracene
Concen: 0.001 ng
RT: 17.31 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

Tgt Ion:178 Resp: 139
Ion Ratio Lower Upper
178 100
176 0.0 14.7 22.1#
179 0.0 12.2 18.4#





#73

Carbazole

Concen: 0.003 ng

RT: 17.58 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

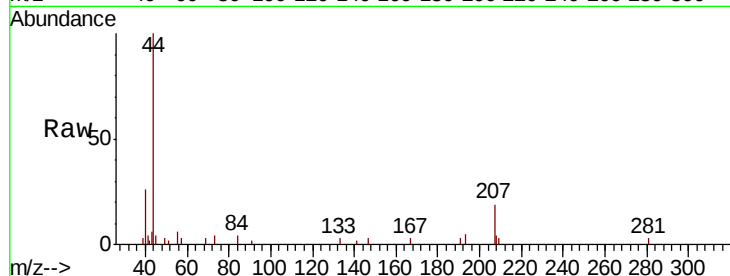
Tgt Ion:167 Resp: 280

Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.2#

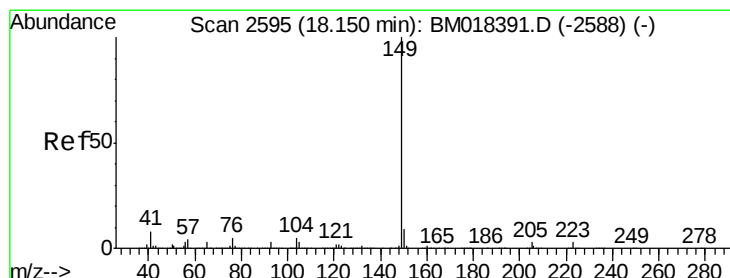
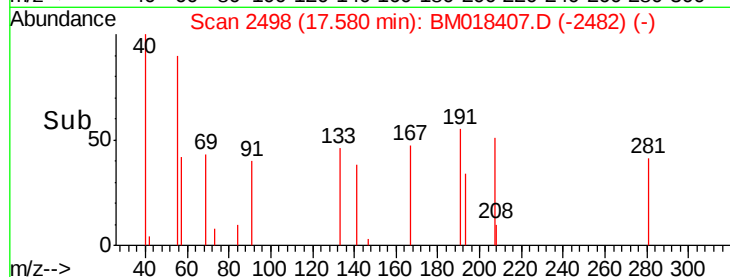
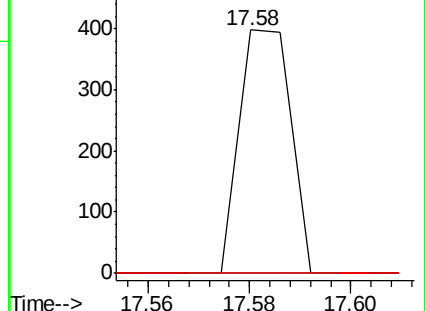
139 0.0 10.6 16.0#



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: 0.085 ng

RT: 18.14 min Scan# 2594

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

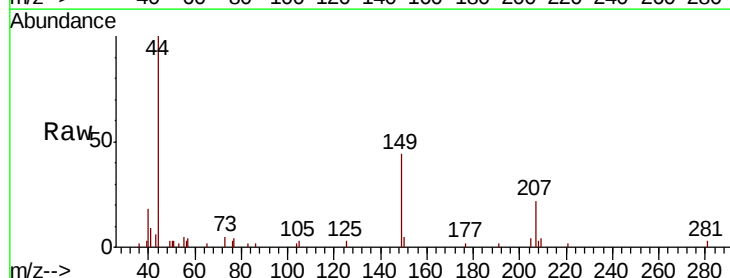
Tgt Ion:149 Resp: 10031

Ion Ratio Lower Upper

149 100

150 10.5 7.3 10.9

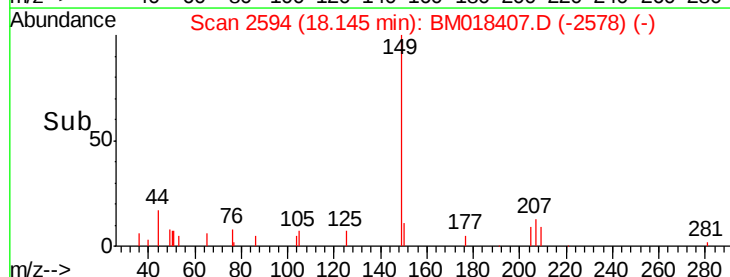
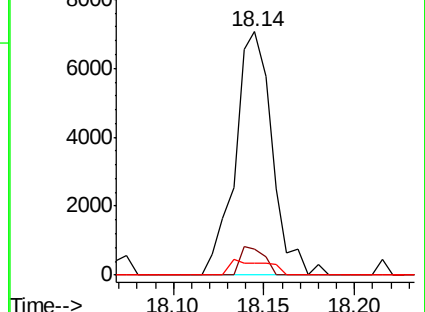
104 5.1 4.2 6.4

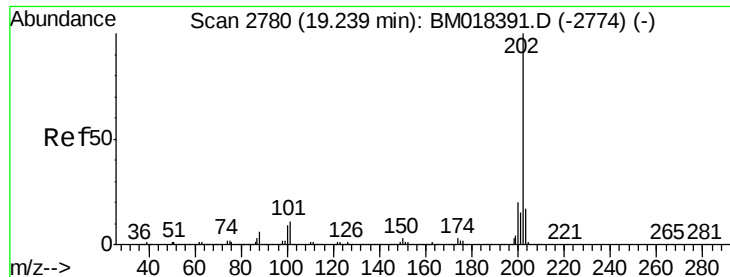


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

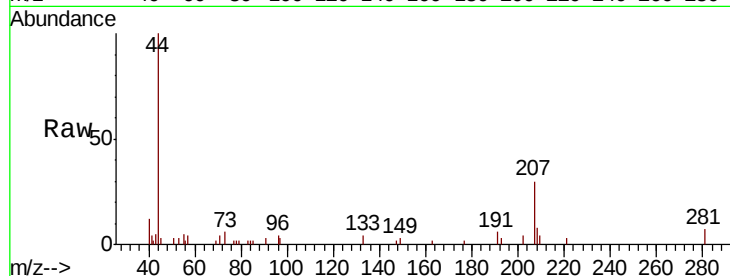




#75
Fluoranthene
Concen: 0.006 ng
RT: 19.23 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

Instrument :
BNA_M
ClientSampleId :
PB116033BL

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



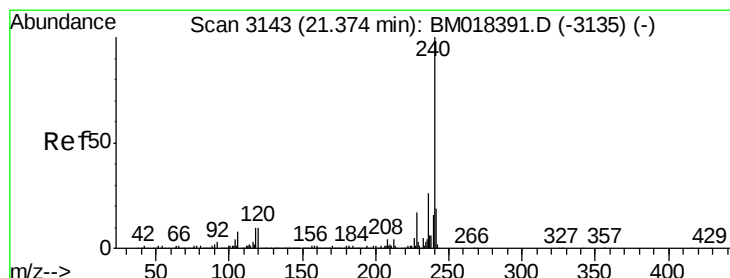
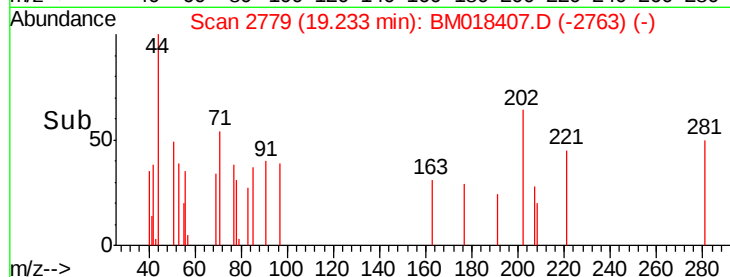
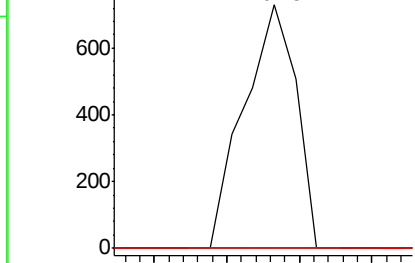
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

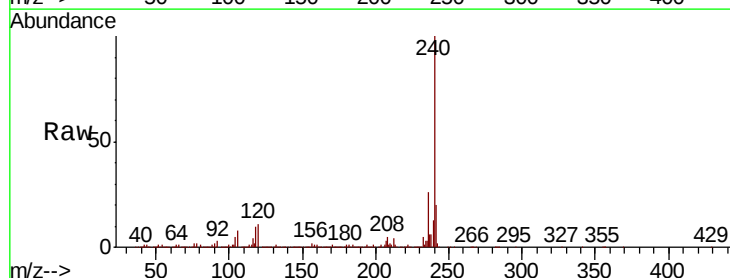
Ion 203.00 (202.70 to 203.70): E

19.23



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	26.0	20.7	31.1



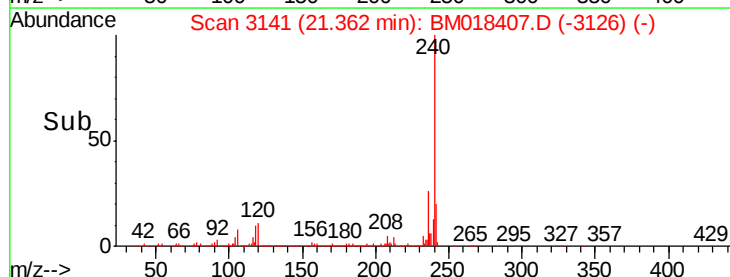
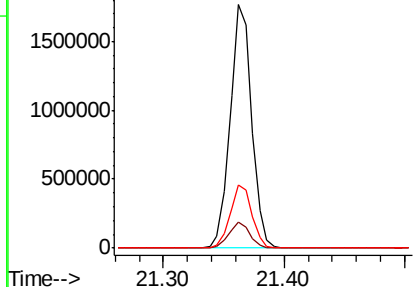
Abundance

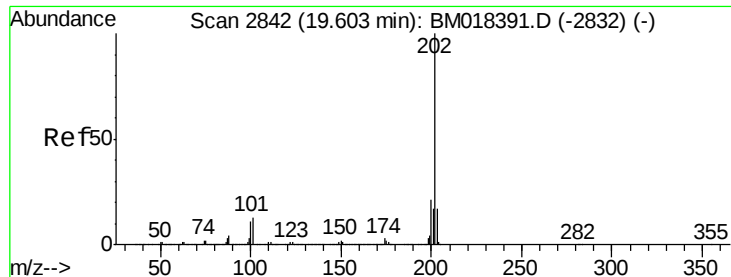
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.36

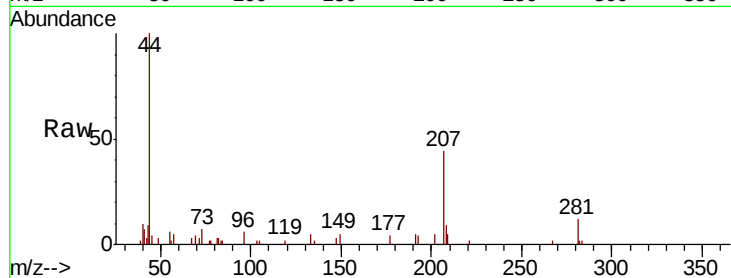




#78
 Pyrene
 Concen: 0.007 ng
 RT: 19.60 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM018407.D
 Acq: 27 Dec 2018 21:41

Instrument :
 BNA_M
 ClientSampleId :
 PB116033BL

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

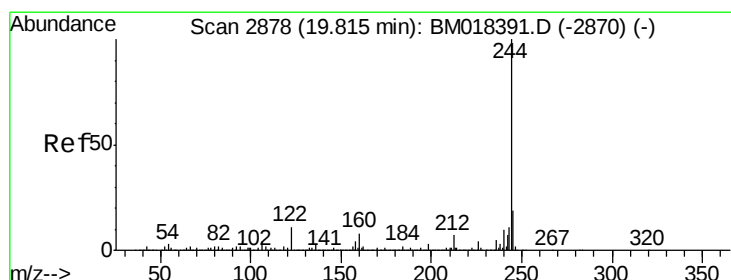
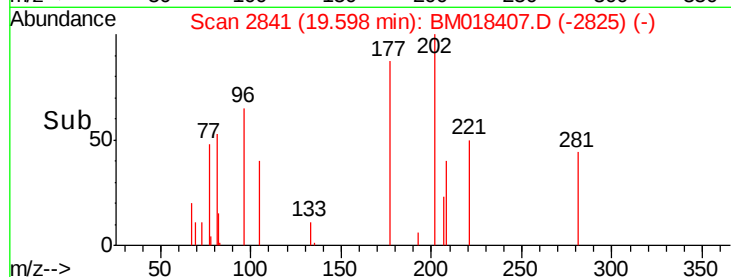
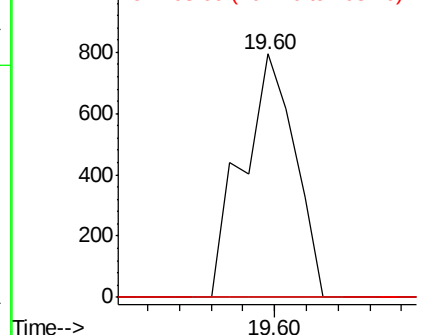


Abundance

Ion 202.00 (201.70 to 202.70): E

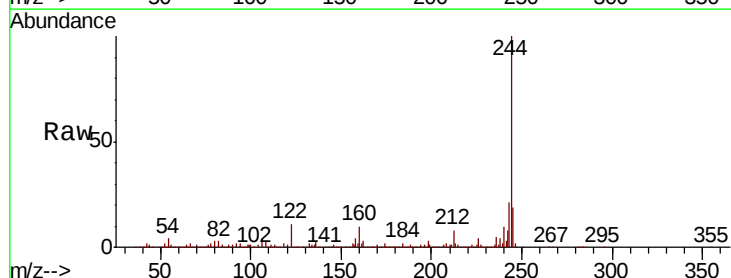
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
 Terphenyl-d14
 Concen: 35.480 ng
 RT: 19.80 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BM018407.D
 Acq: 27 Dec 2018 21:41

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

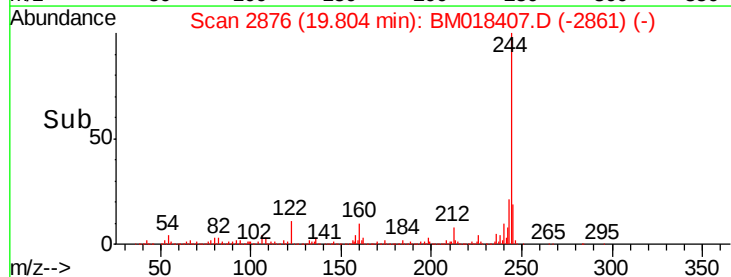
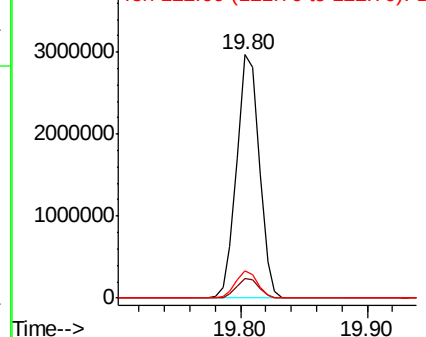


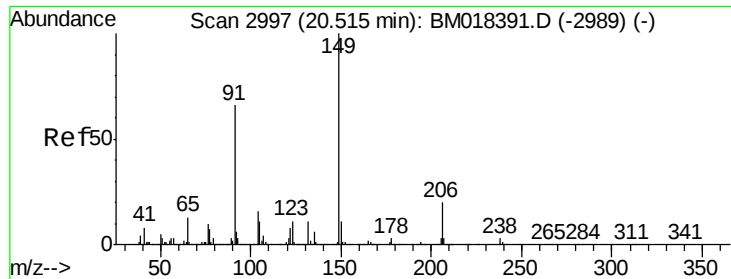
Abundance

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

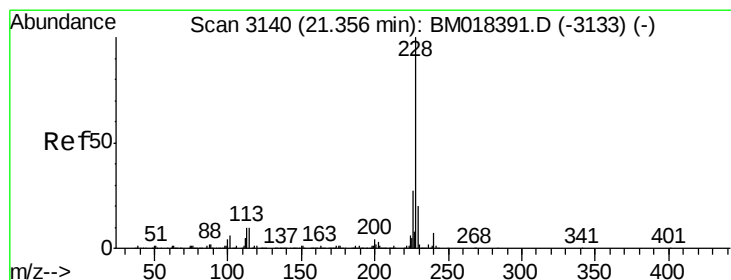
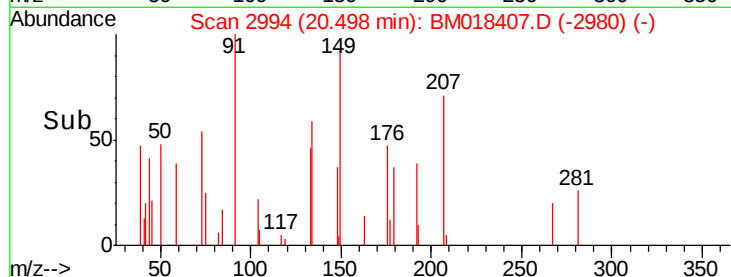
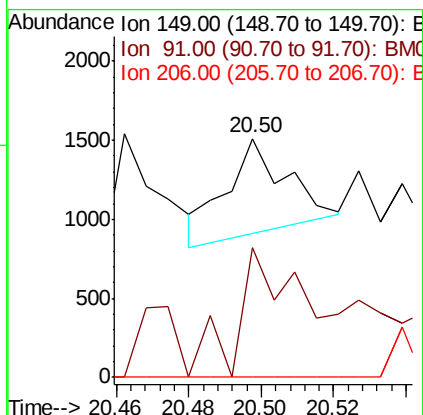
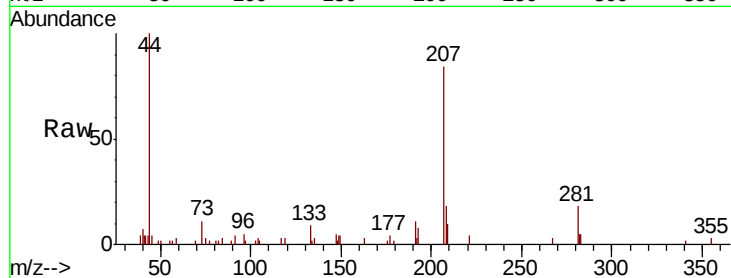




#80
Butylbenzylphthalate
Concen: 6.644 ng
RT: 20.50 min Scan# 2994
Delta R.T. -0.02 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

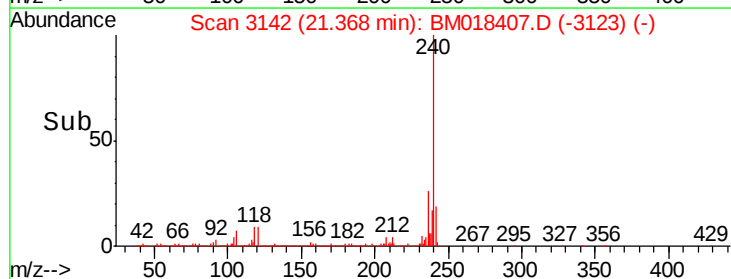
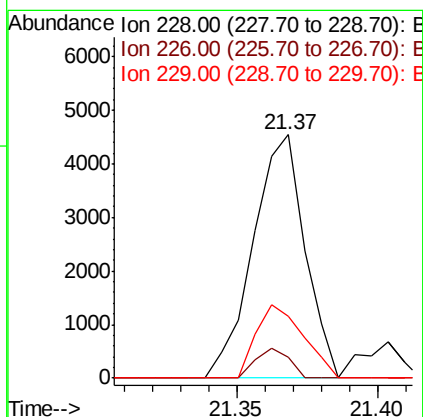
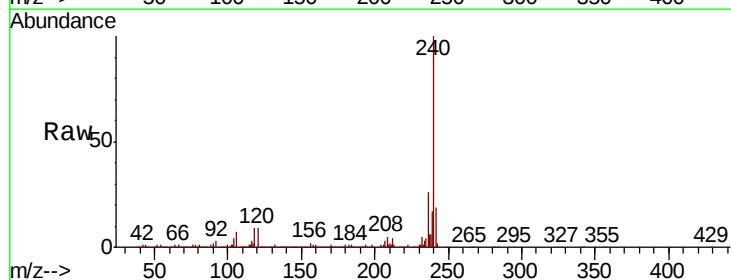
Instrument :
BNA_M
ClientSampleId :
PB116033BL

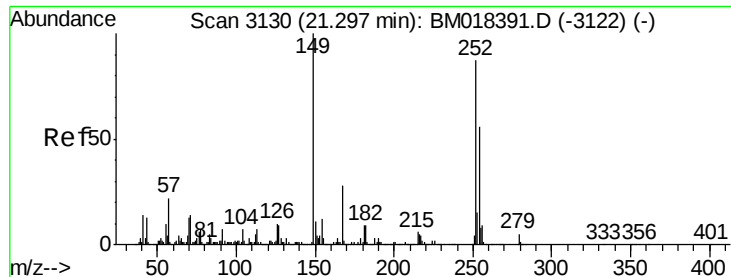
Tgt Ion:149 Resp: 699
Ion Ratio Lower Upper
149 100
91 54.4 53.1 79.7
206 0.0 16.2 24.4#



#81
Benzo(a)anthracene
Concen: 0.045 ng
RT: 21.37 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BM018407.D
Acq: 27 Dec 2018 21:41

Tgt Ion:228 Resp: 5788
Ion Ratio Lower Upper
228 100
226 8.8 21.8 32.6#
229 25.2 15.8 23.8#

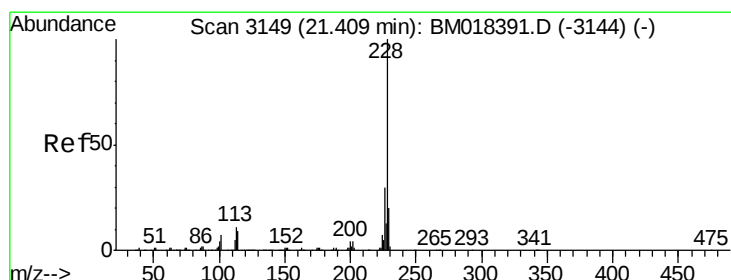
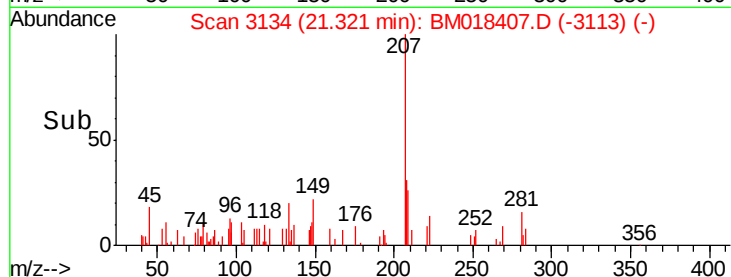
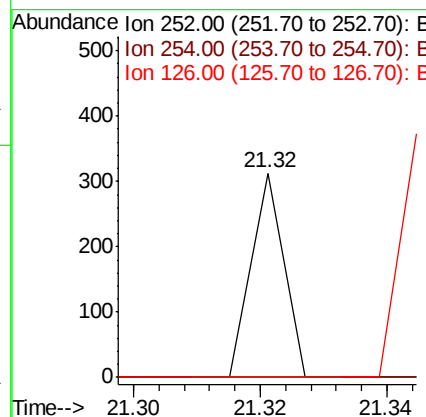
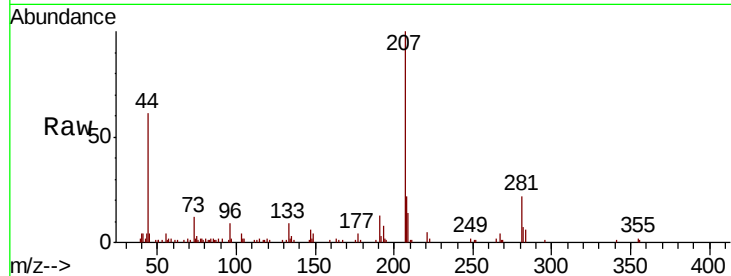




#82
 3,3'-Dichlorobenzidine
 Concen: 0.002 ng
 RT: 21.32 min Scan# 3134
 Delta R.T. 0.02 min
 Lab File: BM018407.D
 Acq: 27 Dec 2018 21:41

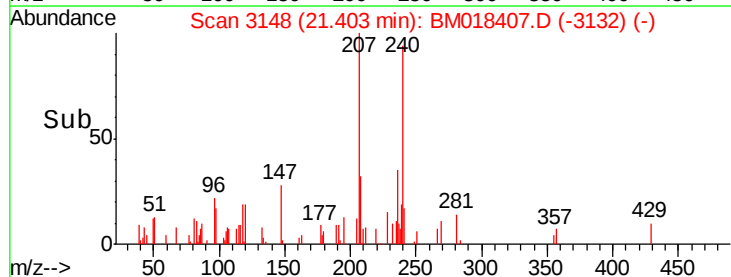
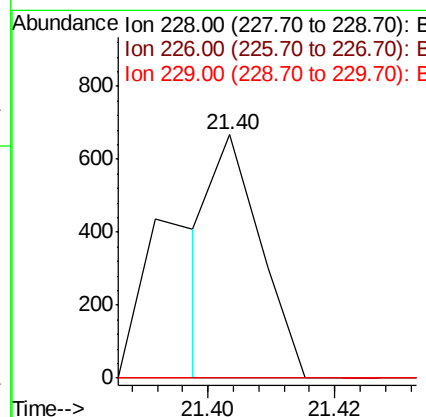
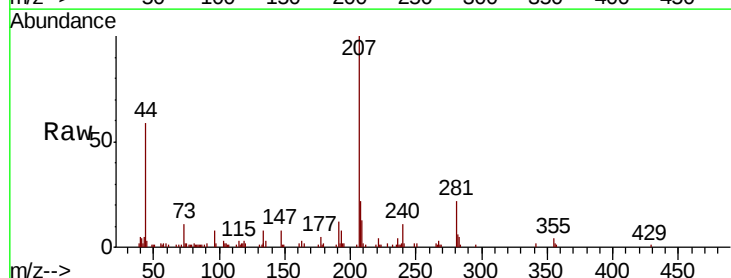
Instrument :
 BNA_M
 ClientSampleId :
 PB116033BL

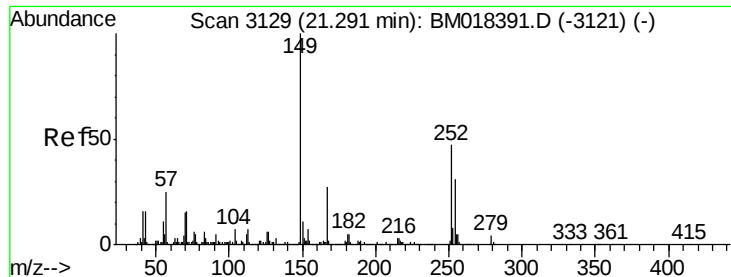
Tgt Ion:252 Resp: 110
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.0#
 126 0.0 8.7 13.1#



#83
 Chrysene
 Concen: 0.003 ng
 RT: 21.40 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BM018407.D
 Acq: 27 Dec 2018 21:41

Tgt Ion:228 Resp: 343
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.2 36.2#
 229 0.0 15.6 23.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.525 ng

RT: 21.28 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

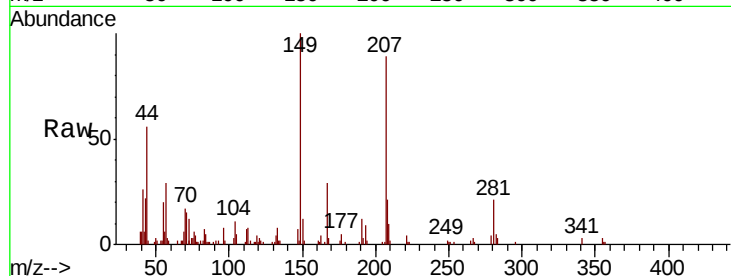
Tgt Ion:149 Resp: 44929

Ion Ratio Lower Upper

149 100

167 29.2 21.6 32.4

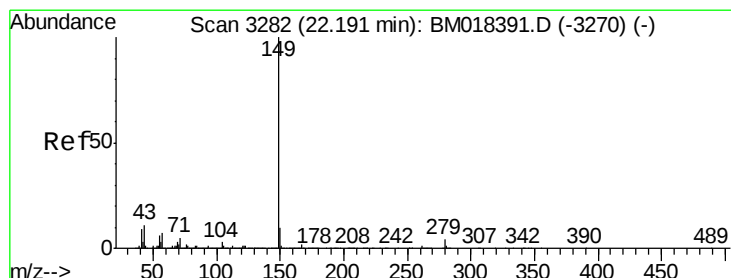
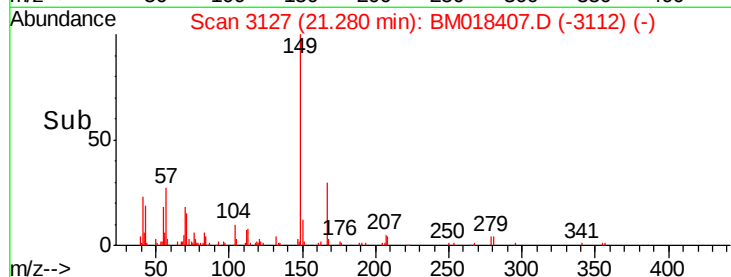
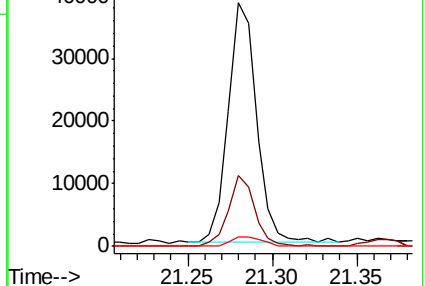
279 3.7 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.17 min Scan# 3278

Delta R.T. -0.02 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

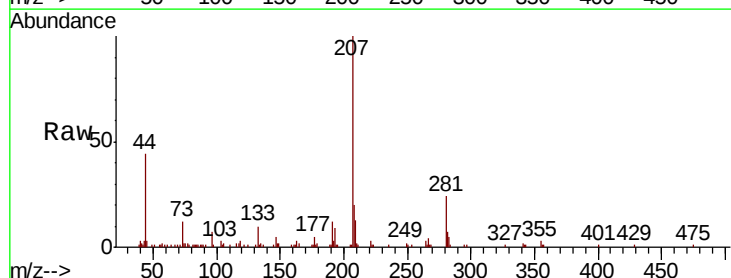
Tgt Ion:149 Resp: 557

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

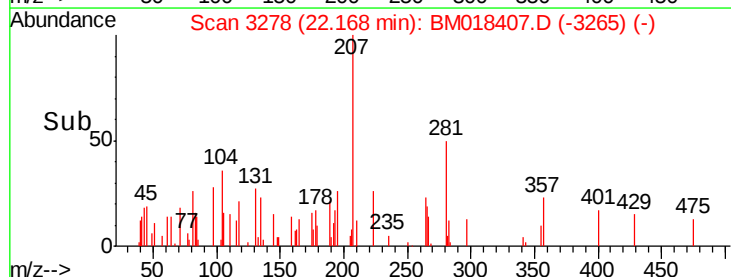
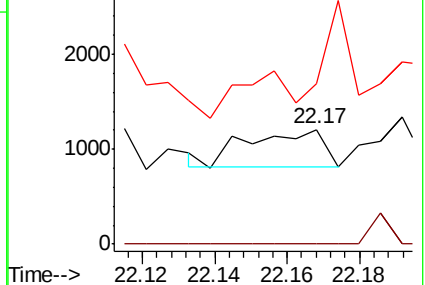
43 98.9 8.6 12.8#

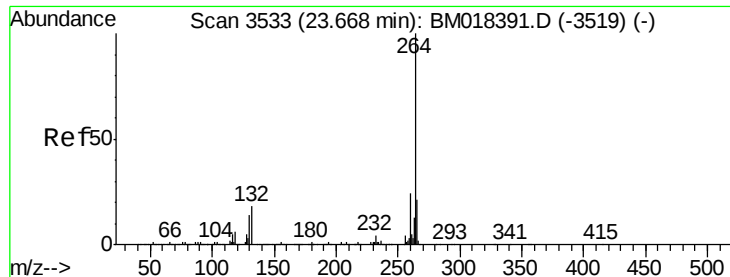


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

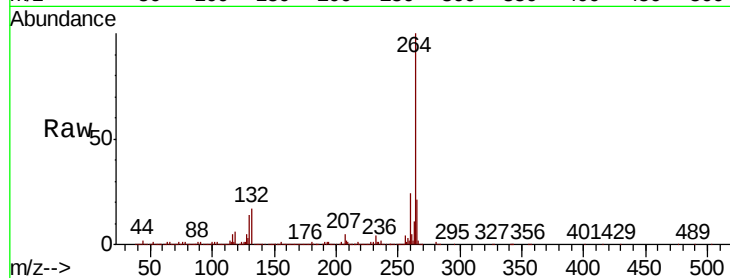
Tgt Ion:264 Resp: 2496322

Ion Ratio Lower Upper

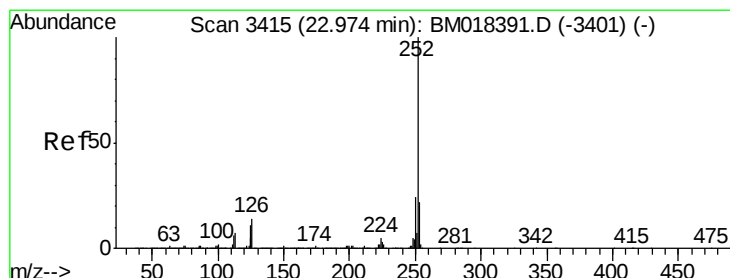
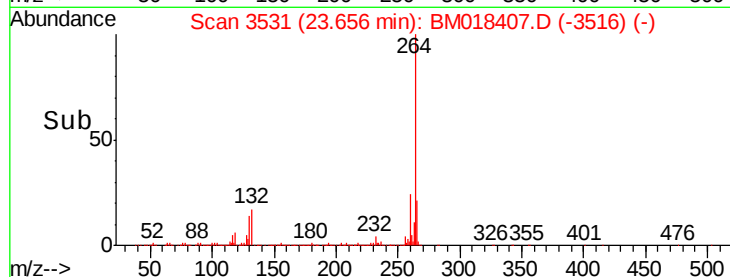
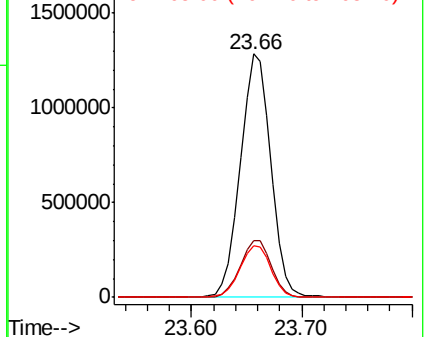
264 100

260 23.6 18.9 28.3

265 21.4 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: 0.004 ng

RT: 22.96 min Scan# 3412

Delta R.T. -0.02 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

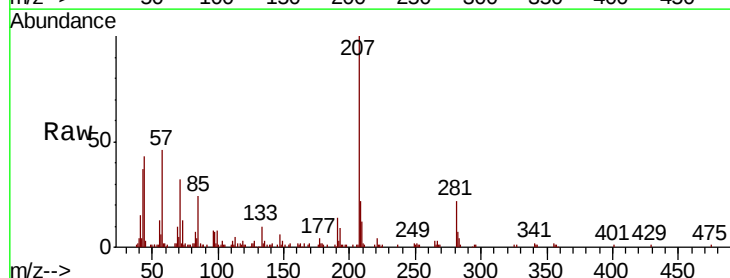
Tgt Ion:252 Resp: 494

Ion Ratio Lower Upper

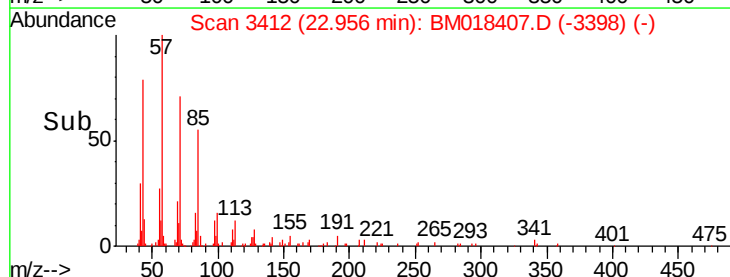
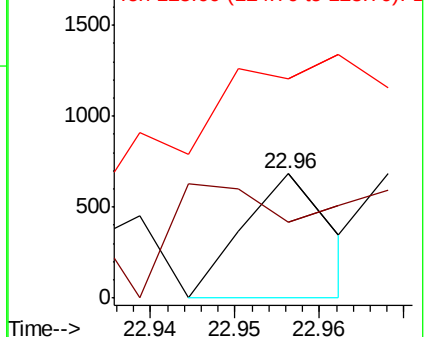
252 100

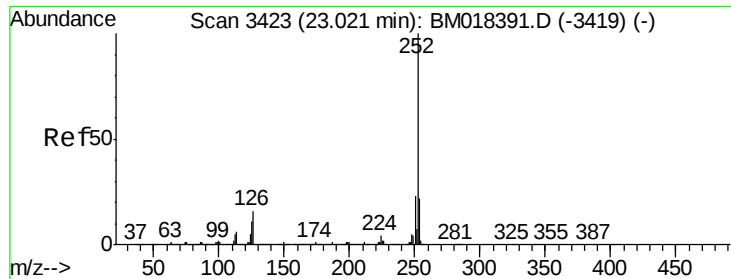
253 60.5 17.6 26.4#

125 175.7 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: 0.003 ng

RT: 23.01 min Scan# 3421

Delta R.T. -0.01 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

Instrument :

BNA_M

ClientSampleId :

PB116033BL

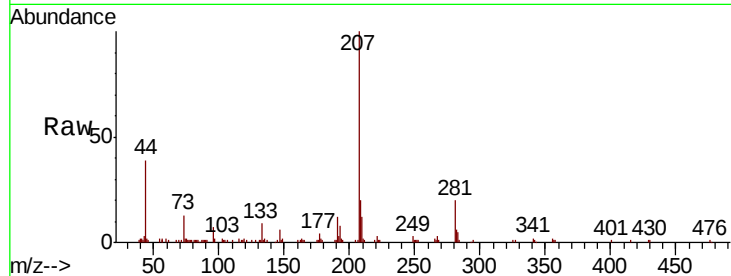
Tgt Ion:252 Resp: 449

Ion Ratio Lower Upper

252 100

253 100.0 17.4 26.0#

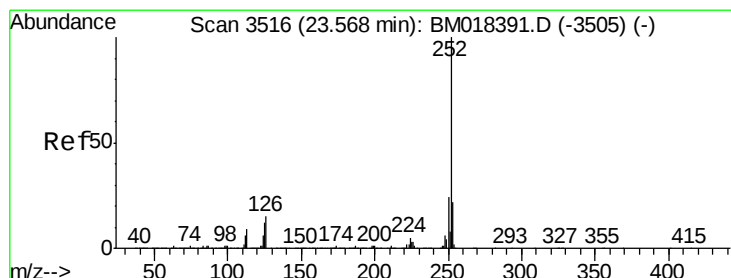
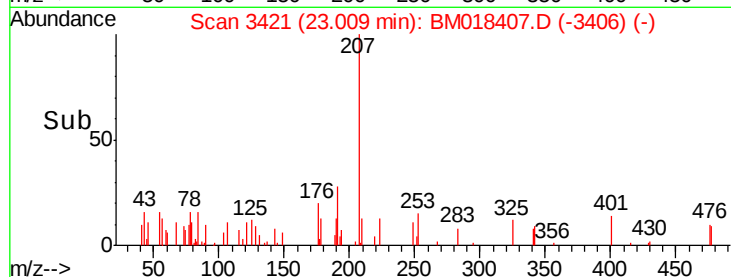
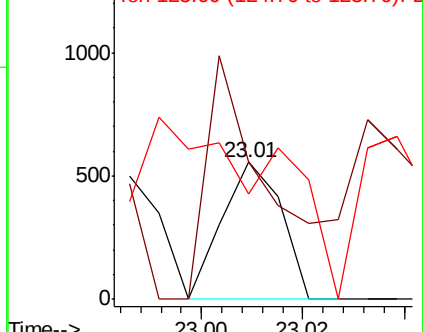
125 76.8 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 0.011 ng

RT: 23.54 min Scan# 3512

Delta R.T. -0.02 min

Lab File: BM018407.D

Acq: 27 Dec 2018 21:41

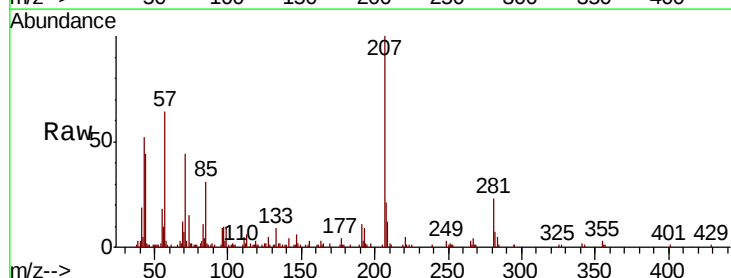
Tgt Ion:252 Resp: 1480

Ion Ratio Lower Upper

252 100

253 115.2 17.5 26.3#

125 203.1 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

