

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
 Data File : BM019053.D
 Acq On : 06 Mar 2019 02:26
 Operator : JU/SJ
 Sample : K1704-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW067-022719

Quant Time: Mar 06 06:00:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	249198	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	963444	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	534794	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1211440	20.00	ng	0.00
76) Chrysene-d12	21.28	240	1364860	20.00	ng	0.00
87) Perylene-d12	23.52	264	1386092	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1840644	121.02	ng	0.00
7) Phenol-d6	6.85	99	2570459	119.97	ng	0.00
23) Nitrobenzene-d5	8.84	82	1598069	76.70	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	977664	126.82	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3025983	75.11	ng	-0.01
79) Terphenyl-d14	19.72	244	4588529	69.35	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	358	0.054	ng	# 1
3) Pyridine	3.63	79	109	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.55	42	448	0.097	ng	# 1
8) 2-Chlorophenol	7.24	128	240	0.014	ng	# 1
9) Benzaldehyde	6.85	77	6502	Below Cal		# 7
10) Phenol	6.87	94	87226	3.869	ng	85
15) Benzyl Alcohol	7.99	79	26669	1.566	ng	# 47
22) Acetophenone	8.52	105	478	0.018	ng	# 4
24) Nitrobenzene	8.90	77	252	0.012	ng	# 44
25) Isophorone	9.41	82	1032	0.031	ng	# 68
31) Naphthalene	10.51	128	754	0.016	ng	# 68
37) 2-Methylnaphthalene	12.15	142	107	0.003	ng	# 15
38) 1-Methylnaphthalene	12.36	142	137	0.004	ng	# 7
46) 1,1'-Biphenyl	13.16	154	4265	0.093	ng	92
49) Acenaphthylene	14.06	152	1718	0.032	ng	# 63
50) Dimethylphthalate	13.79	163	173486	3.892	ng	100
52) Acenaphthene	14.39	154	465	0.014	ng	# 60
55) Dibenzofuran	14.75	168	680	0.013	ng	# 44
58) Fluorene	15.39	166	557	0.014	ng	# 95
60) Diethylphthalate	15.16	149	1443	0.031	ng	# 59
63) Azobenzene	15.69	77	731	0.015	ng	# 57
71) Phenanthrene	17.12	178	20514	0.315	ng	96
72) Anthracene	17.22	178	3149	0.050	ng	# 78
73) Carbazole	17.51	167	1841	0.028	ng	# 82
74) Di-n-butylphthalate	18.05	149	8734	0.115	ng	# 96
75) Fluoranthene	19.15	202	35430	0.471	ng	97
77) Benzidine	19.37	184	549	0.018	ng	# 67
78) Pyrene	19.52	202	34924	0.441	ng	99
80) Butylbenzylphthalate	20.41	149	1458	0.040	ng	# 84
81) Benzo(a)anthracene	21.26	228	24399	0.307	ng	96
82) 3,3'-Dichlorobenzidine	21.20	252	492	0.016	ng	# 26
83) Chrysene	21.32	228	20403	0.268	ng	97
84) Bis(2-ethylhexyl)phthalate	21.18	149	3412	0.065	ng	# 90
85) Di-n-octyl phthalate	22.06	149	1410	0.016	ng	# 23

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QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

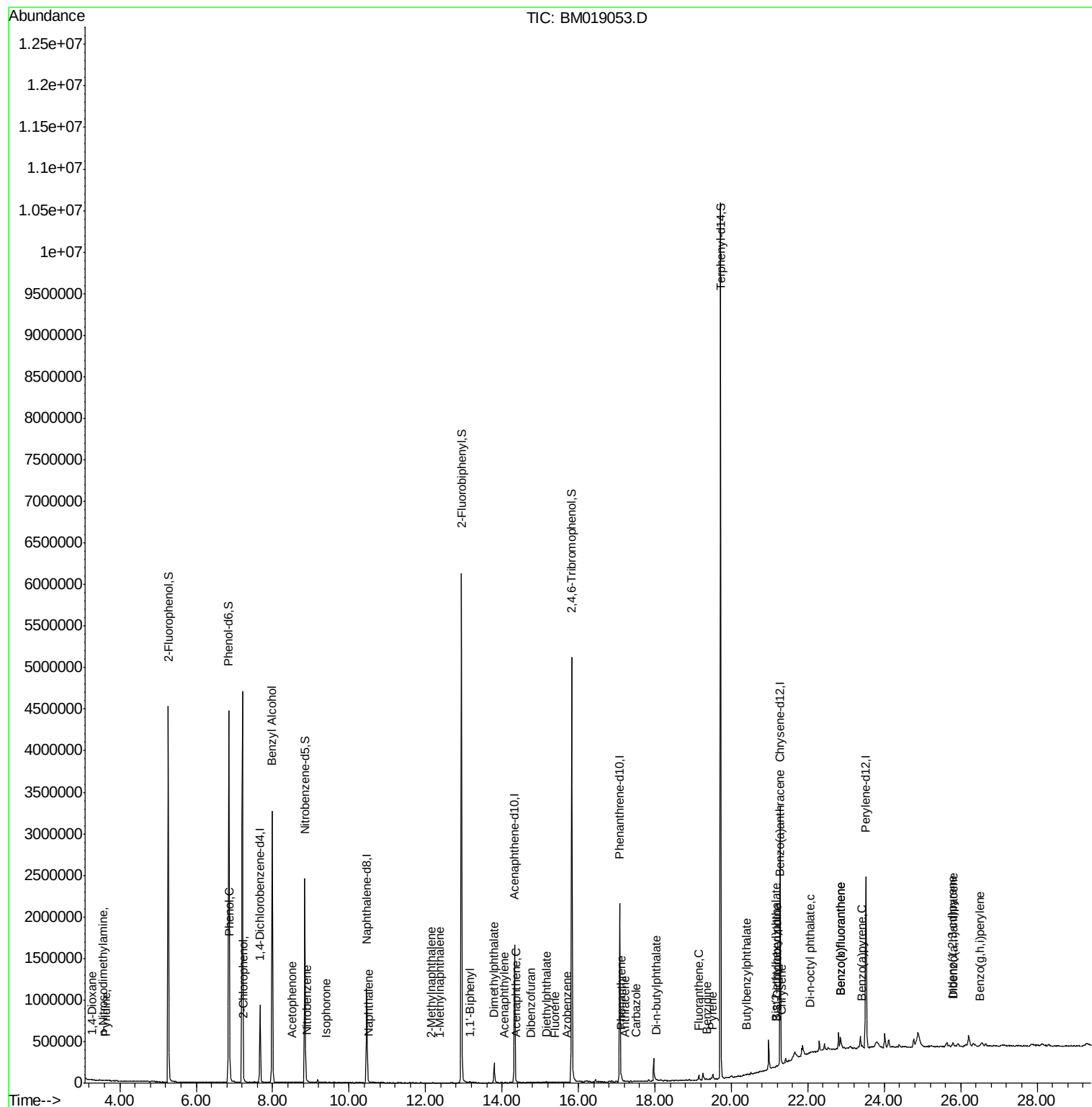
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	25.79	276	10131	0.115	ng	# 91
88) Benzo(b)fluoranthene	22.84	252	33890	0.427	ng	# 80
89) Benzo(k)fluoranthene	22.84	252	34140	0.432	ng	# 79
90) Benzo(a)pyrene	23.42	252	15955	0.212	ng	# 82
91) Dibenzo(a,h)anthracene	25.81	278	3800	0.051	ng	# 39
92) Benzo(g,h,i)perylene	26.49	276	10193	0.147	ng	92

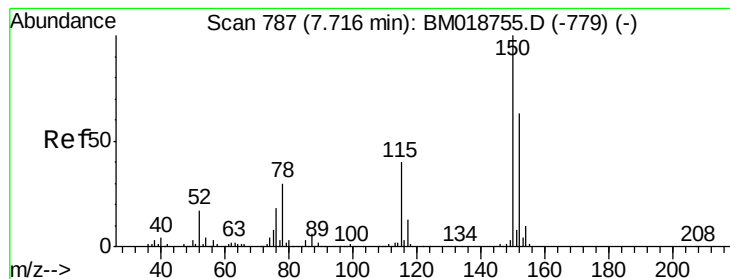
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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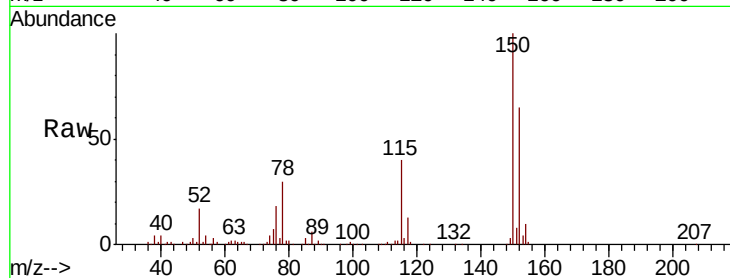


#1

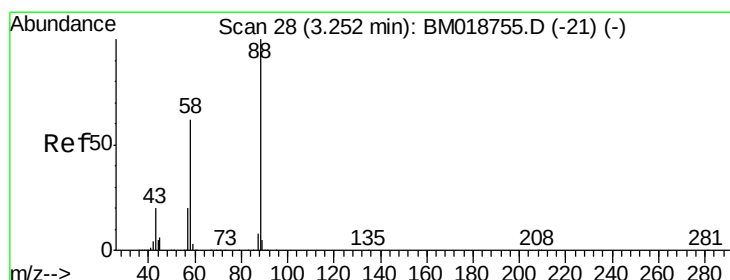
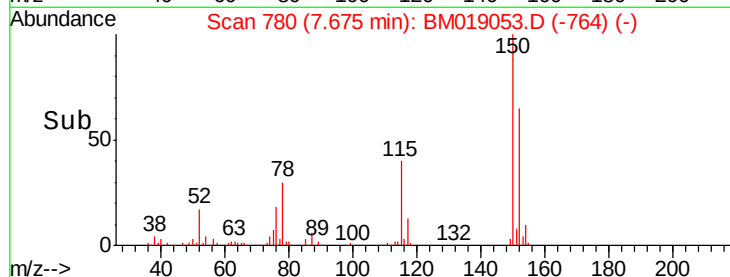
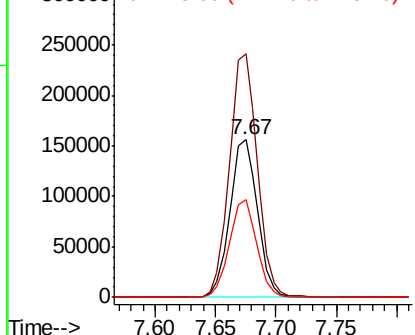
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

Instrument :
BNA_M
ClientSampleId :
PST-028-SW067-022719

Tgt Ion: 152 Resp: 249198
Ion Ratio Lower Upper
152 100
150 154.4 127.3 190.9
115 61.9 50.8 76.2



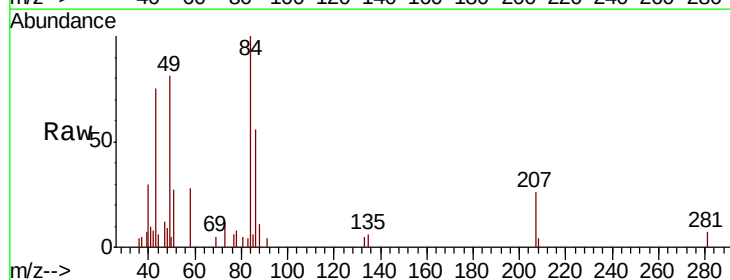
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



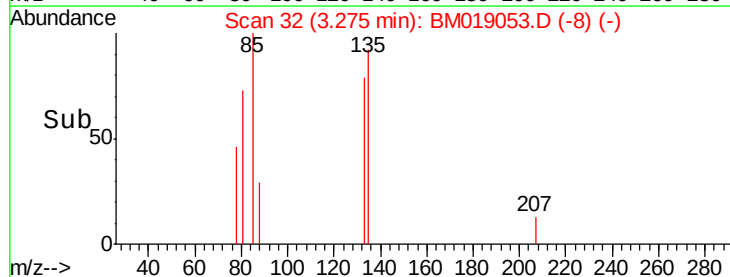
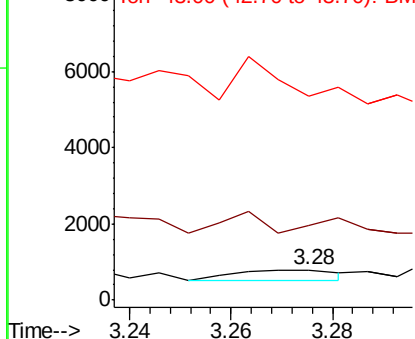
#2

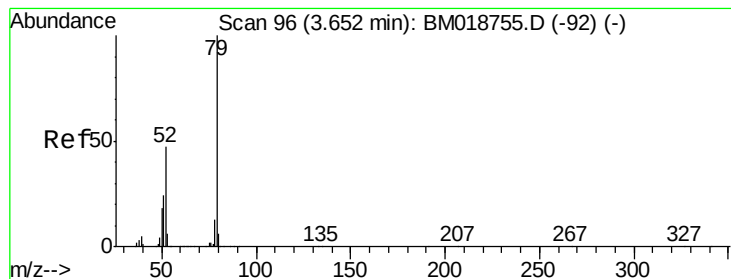
1,4-Dioxane
Concen: 0.054 ng
RT: 3.28 min Scan# 32
Delta R.T. 0.04 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

Tgt Ion: 88 Resp: 358
Ion Ratio Lower Upper
88 100
58 86.6 49.8 74.6#
43 248.3 16.7 25.1#



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: 0.006 ng

RT: 3.63 min Scan# 93

Delta R.T. 0.00 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

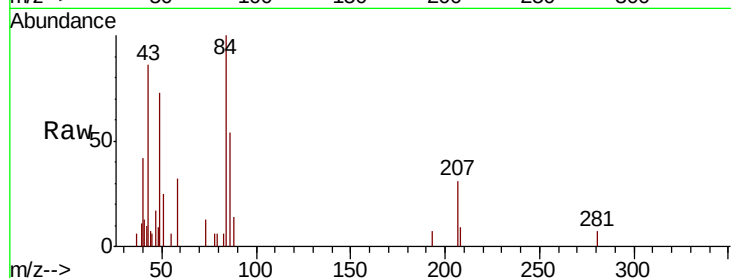
Tgt Ion: 79 Resp: 109

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

51 442.1 19.7 29.5#

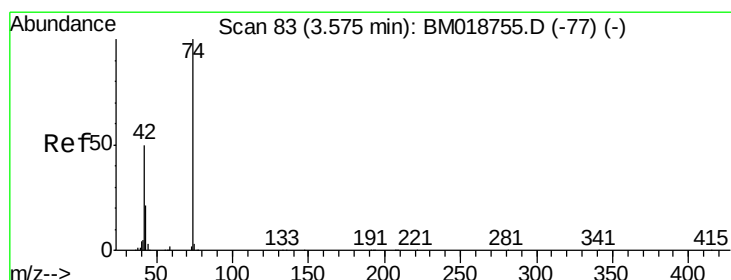
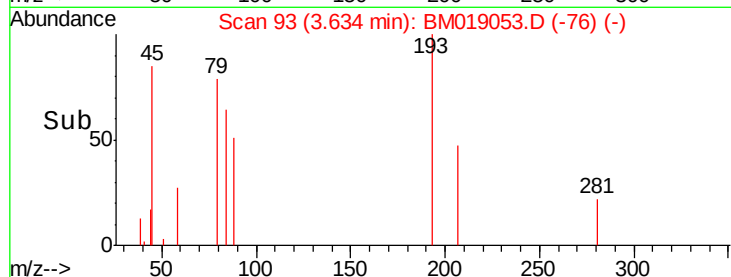
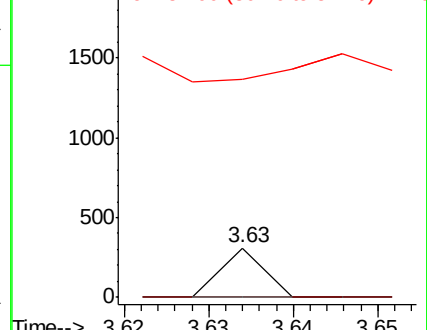


Abundance

Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 0.097 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

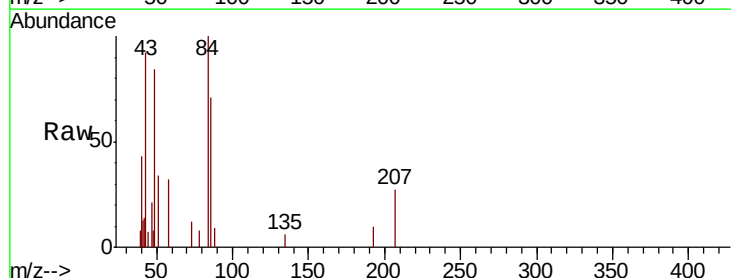
Tgt Ion: 42 Resp: 448

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

44 47.1 4.9 7.3#

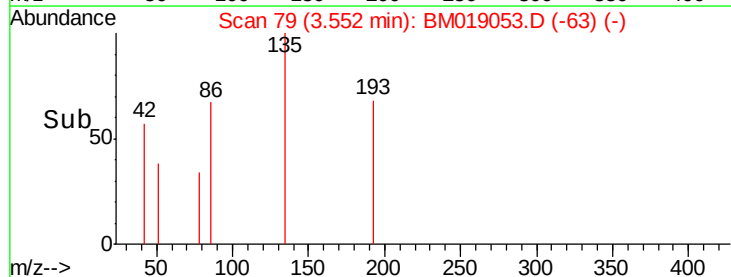
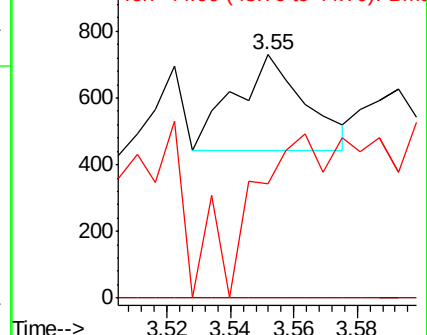


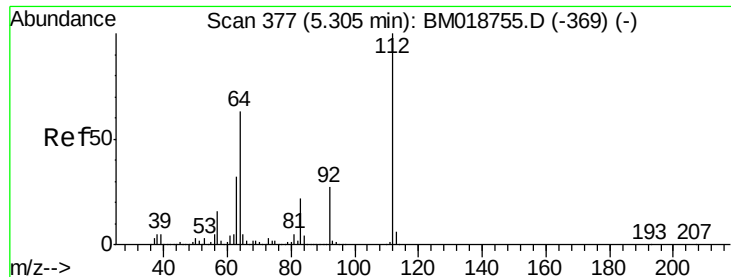
Abundance

Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 121.022 ng

RT: 5.27 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

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PST-028-SW067-022719

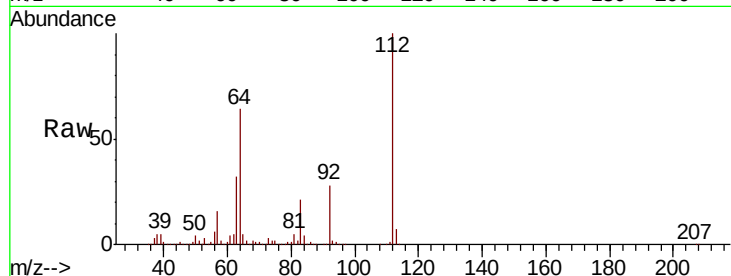
Tgt Ion: 112 Resp: 1840644

Ion Ratio Lower Upper

112 100

64 63.5 50.6 75.8

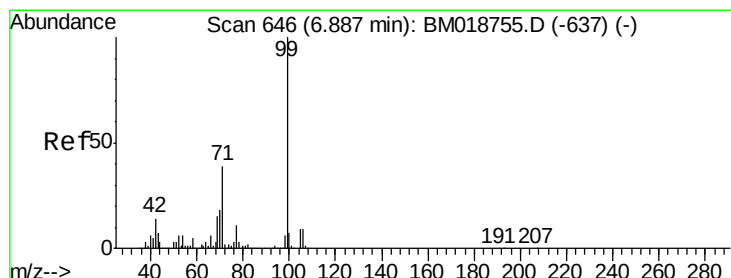
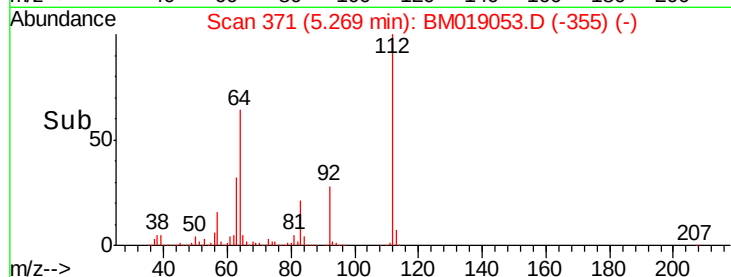
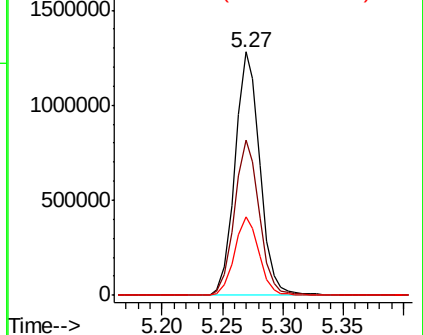
63 32.4 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 119.969 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

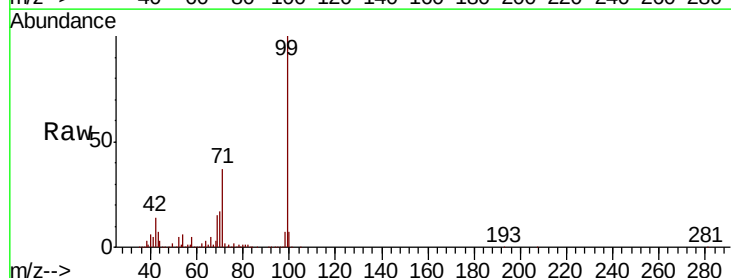
Tgt Ion: 99 Resp: 2570459

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

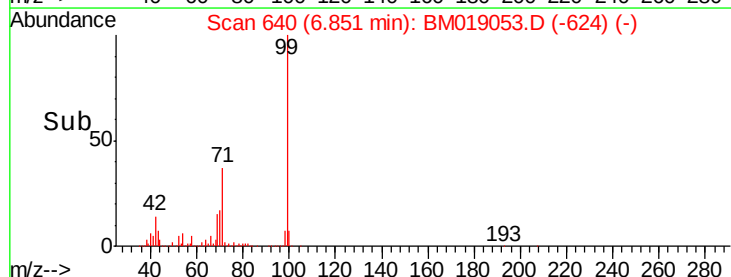
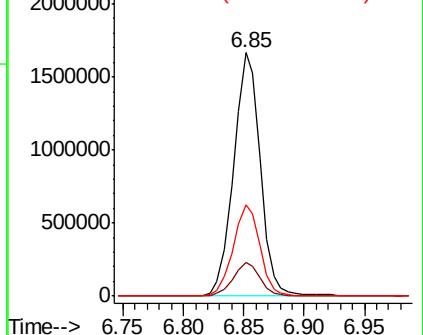
71 37.5 31.3 46.9

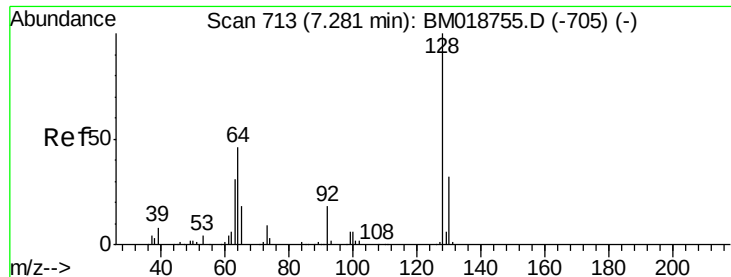


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.014 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM019053.D

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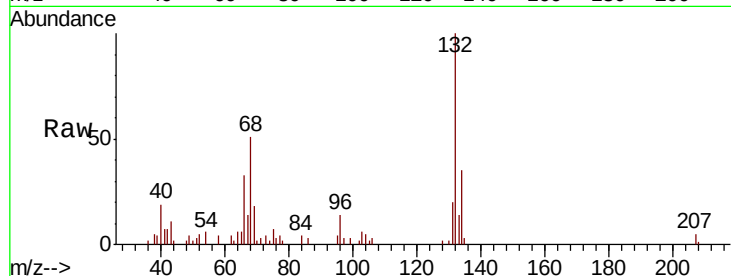
Tgt Ion:128 Resp: 240

Ion Ratio Lower Upper

128 100

130 133.0 11.7 51.7#

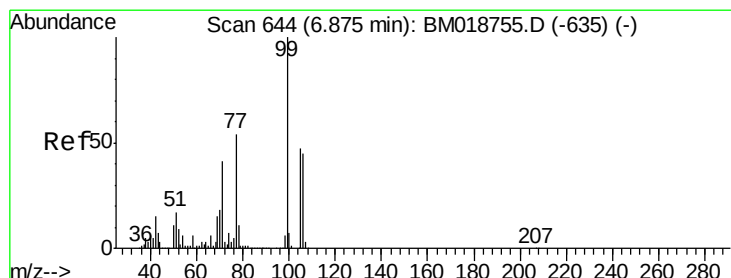
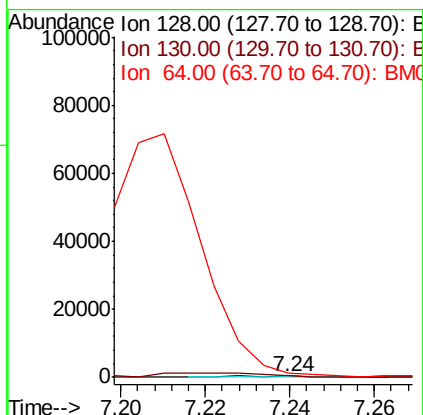
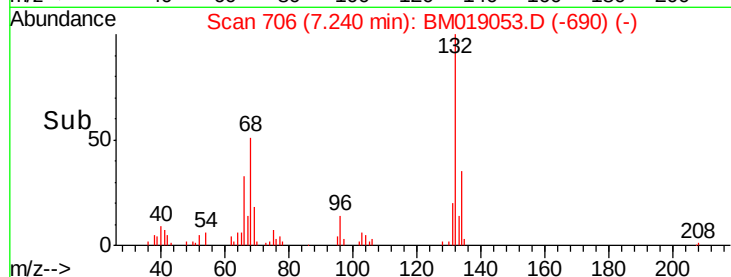
64 363.7 31.0 71.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: Below Cal

RT: 6.85 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

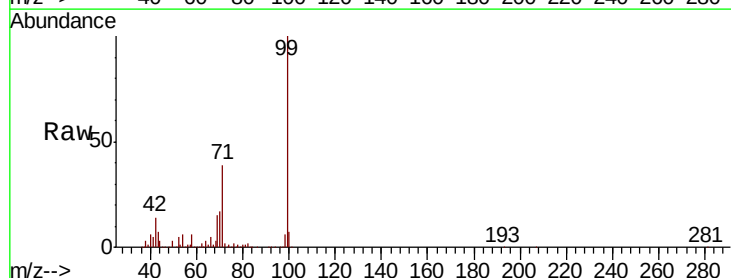
Tgt Ion: 77 Resp: 6502

Ion Ratio Lower Upper

77 100

105 0.0 67.3 107.3#

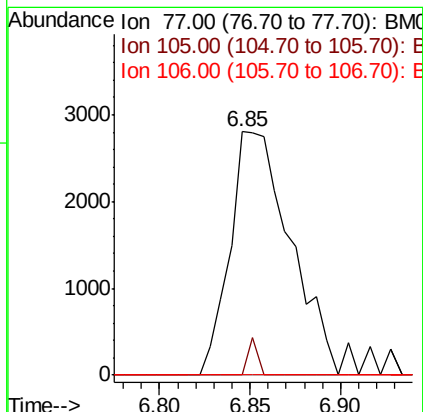
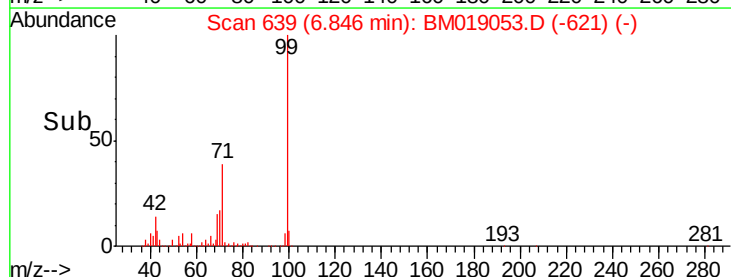
106 0.0 62.9 102.9#

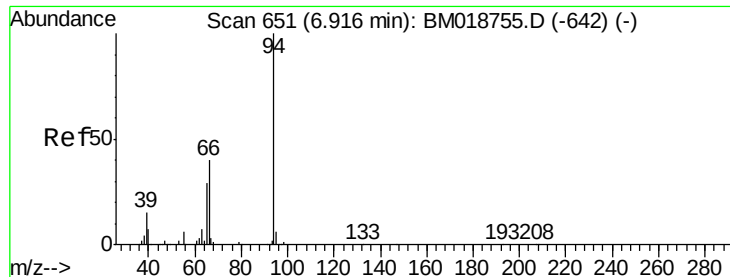


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.869 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM019053.D

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PST-028-SW067-022719

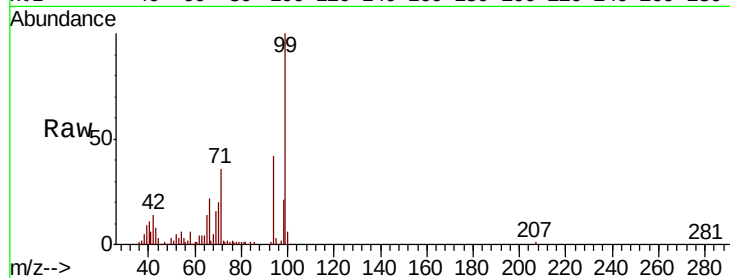
Tgt Ion: 94 Resp: 87226

Ion Ratio Lower Upper

94 100

65 34.2 9.6 49.6

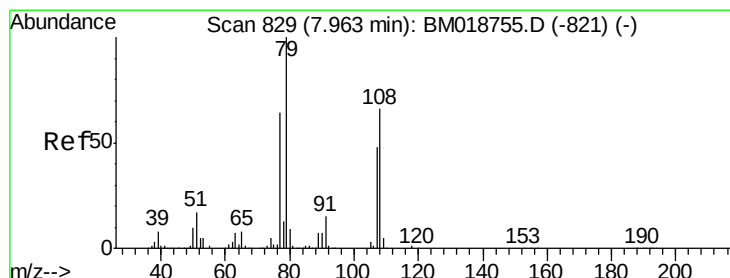
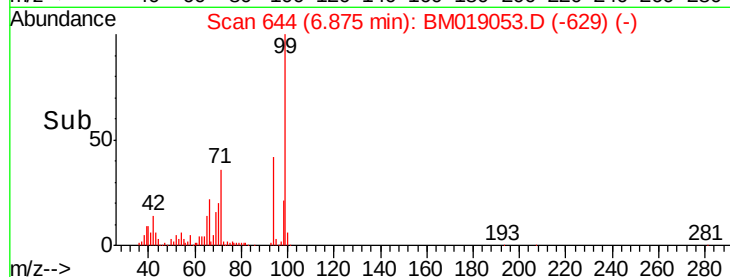
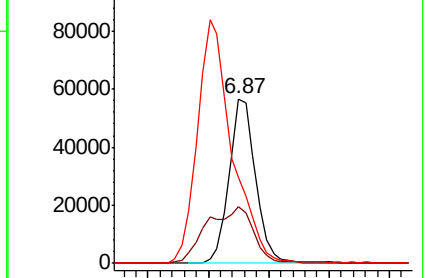
66 52.4 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)



#15

Benzyl Alcohol

Concen: 1.566 ng

RT: 7.99 min Scan# 833

Delta R.T. 0.05 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

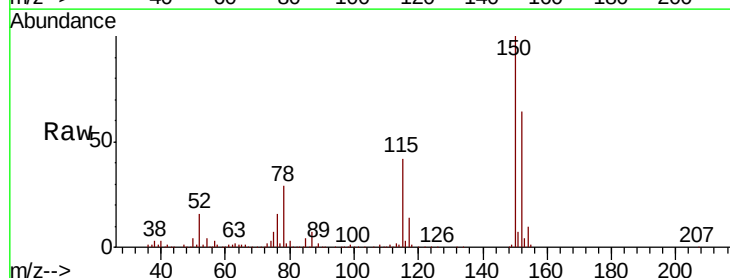
Tgt Ion: 79 Resp: 26669

Ion Ratio Lower Upper

79 100

108 30.5 52.7 79.1#

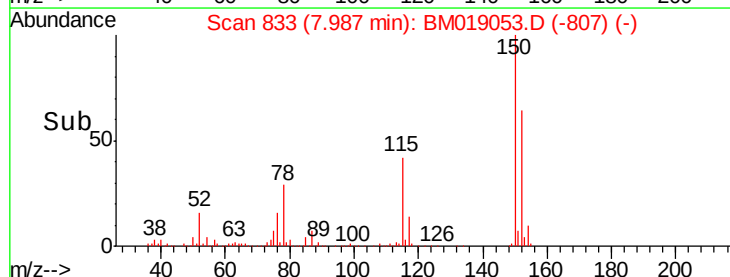
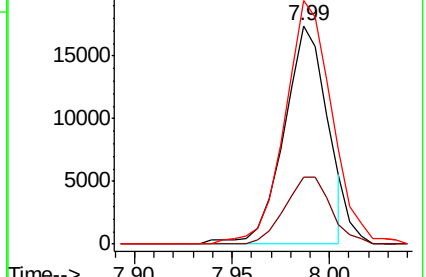
77 111.5 51.0 76.4#

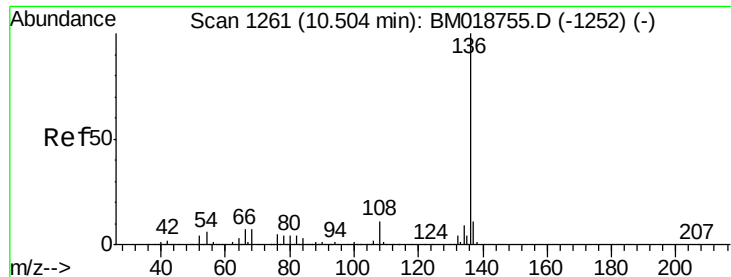


Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)

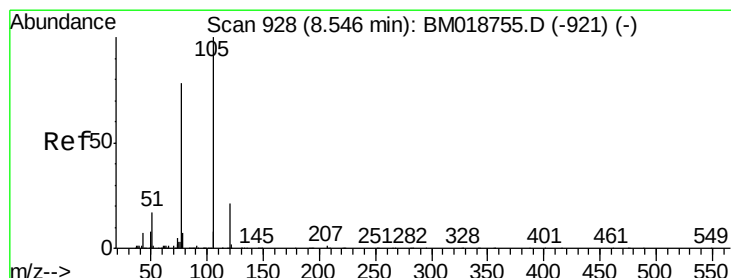
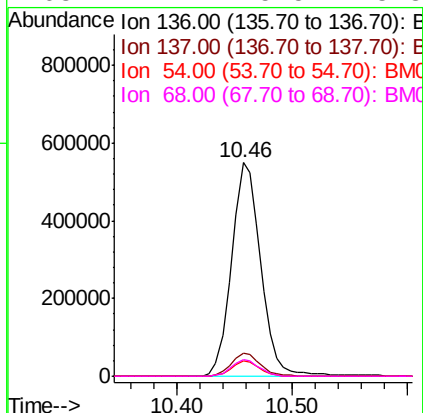
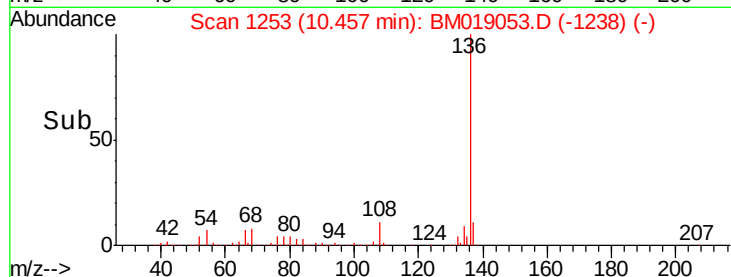
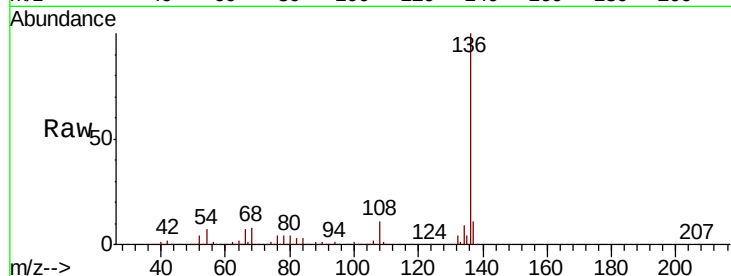




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

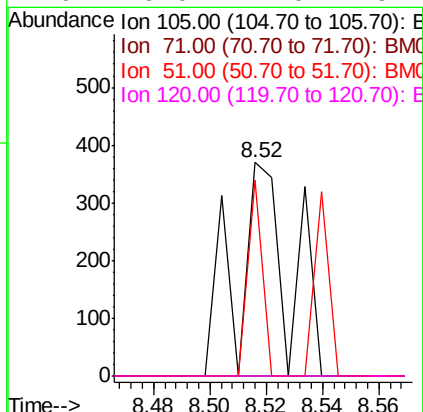
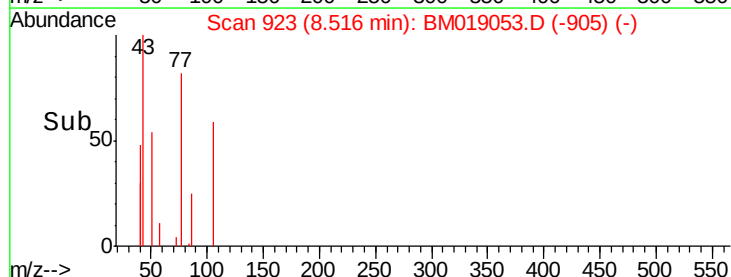
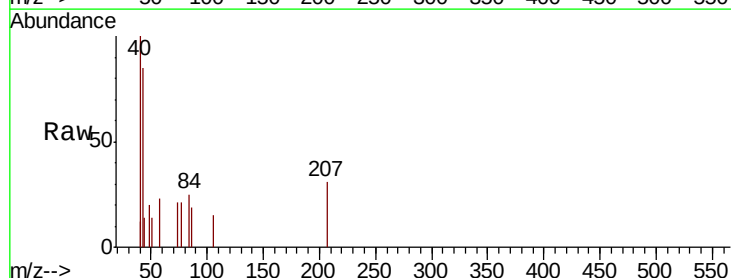
Instrument :
BNA_M
ClientSampleId :
PST-028-SW067-022719

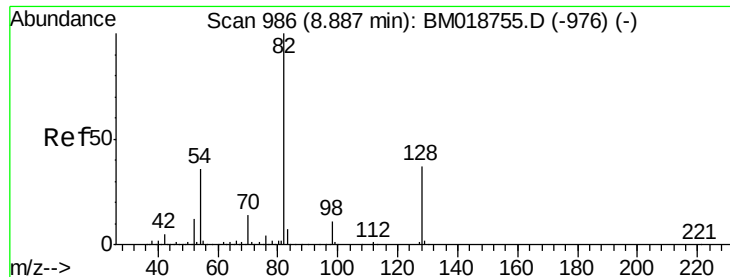
Tgt Ion:	136	Resp:	963444
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.0	7.6
68	7.7	5.5	8.3



#22
Acetophenone
Concen: 0.018 ng
RT: 8.52 min Scan# 923
Delta R.T. 0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

Tgt Ion:	105	Resp:	478
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	91.6	15.5	23.3#
120	0.0	17.0	25.4#

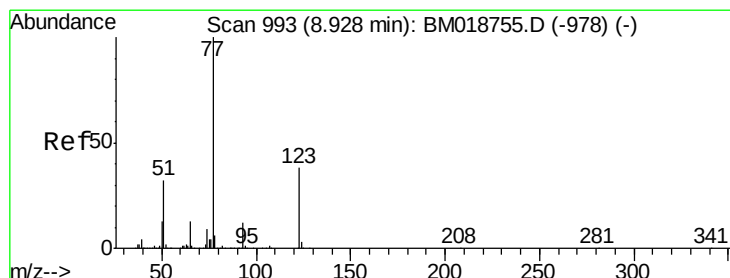
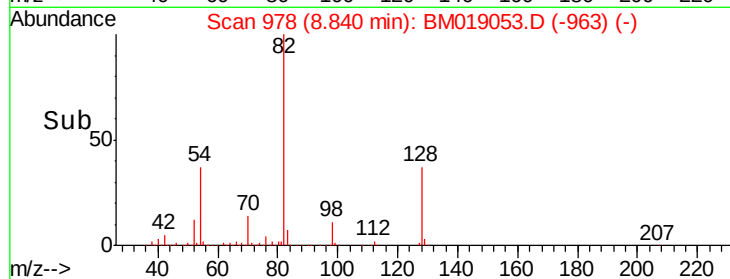
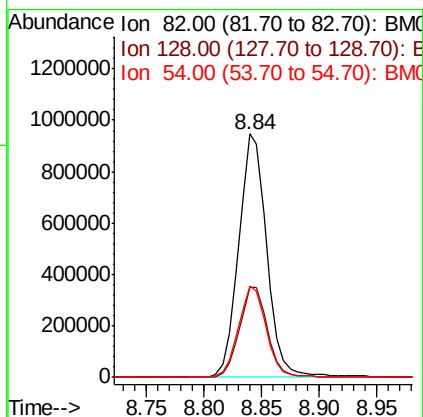
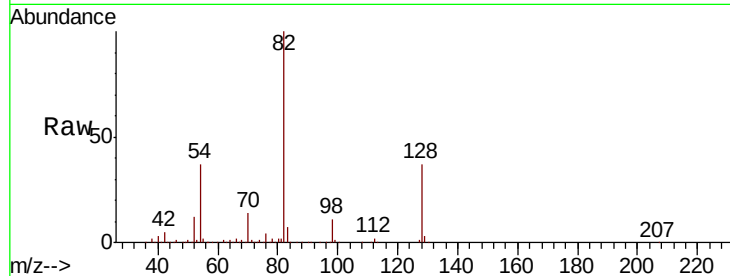




#23
 Nitrobenzene-d5
 Concen: 76.696 ng
 RT: 8.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM019053.D
 Acq: 06 Mar 2019 02:26

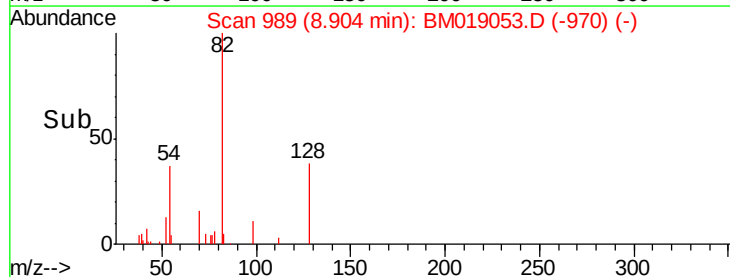
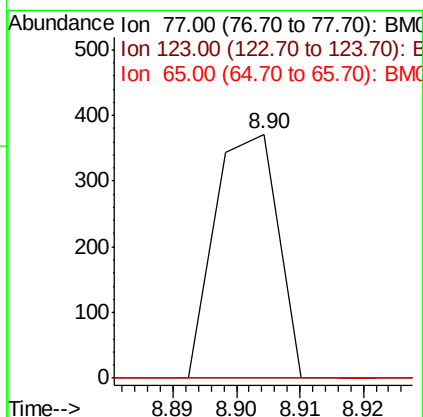
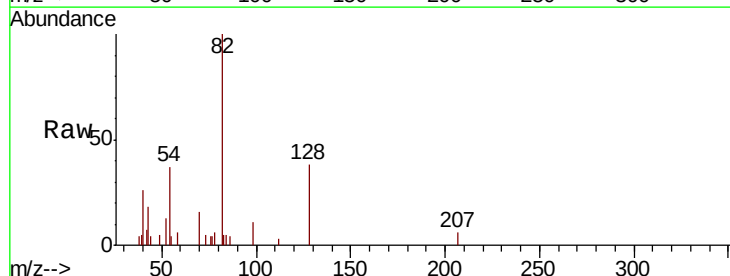
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW067-022719

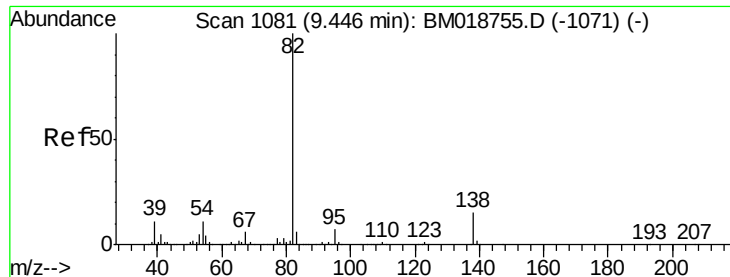
Tgt Ion: 82 Resp: 1598069
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.9 44.9
 54 37.5 29.1 43.7



#24
 Nitrobenzene
 Concen: 0.012 ng
 RT: 8.90 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BM019053.D
 Acq: 06 Mar 2019 02:26

Tgt Ion: 77 Resp: 252
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.7 46.1#
 65 0.0 10.5 15.7#





#25

Isophorone

Concen: 0.031 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

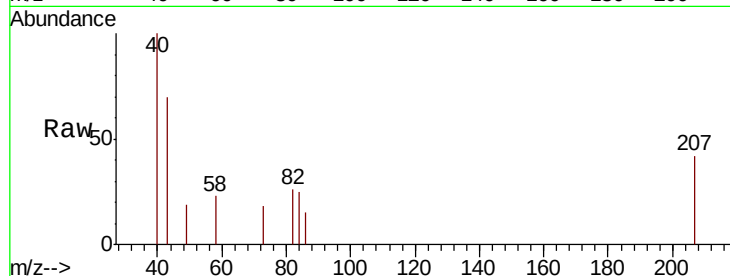
Tgt Ion: 82 Resp: 1032

Ion Ratio Lower Upper

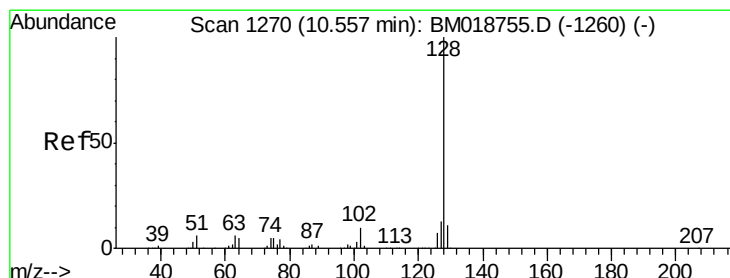
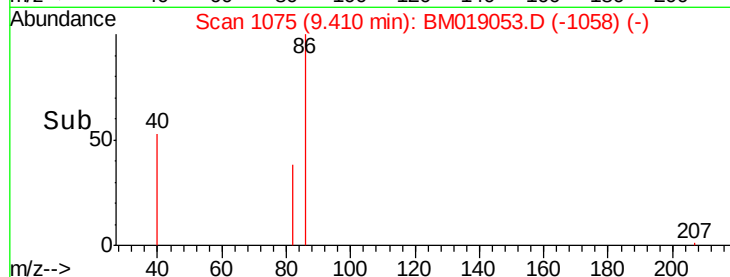
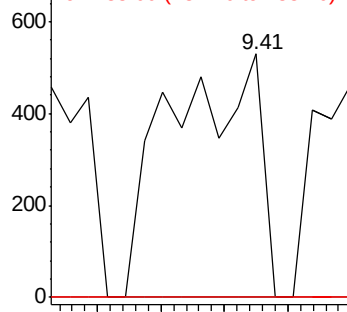
82 100

95 0.0 5.7 8.5#

138 0.0 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BM019053.D (-1058) (-)



#31

Naphthalene

Concen: 0.016 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

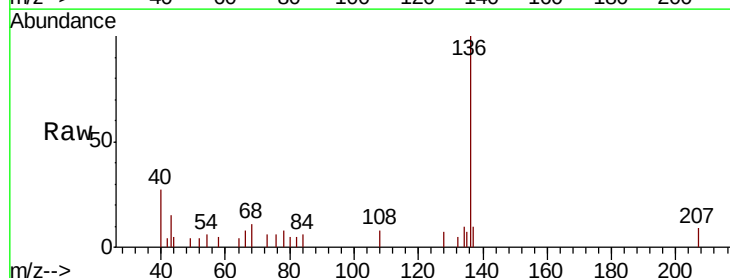
Tgt Ion: 128 Resp: 754

Ion Ratio Lower Upper

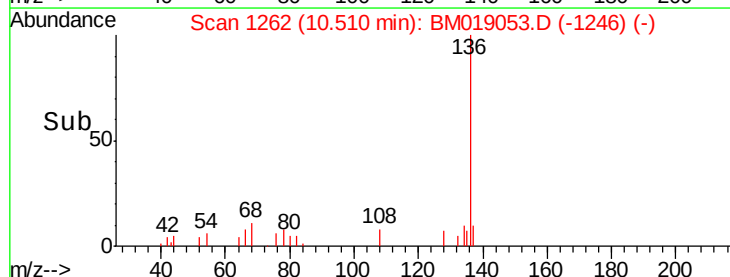
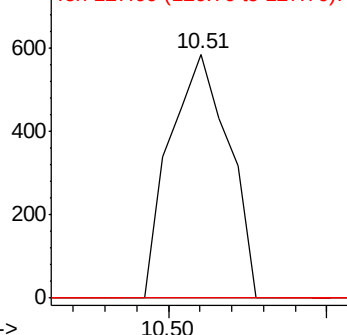
128 100

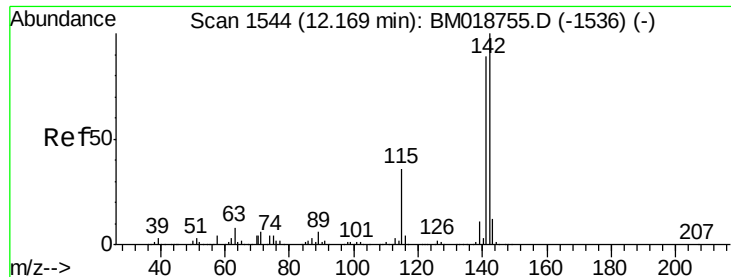
129 0.0 9.0 13.4#

127 0.0 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): BM019053.D (-1246) (-)

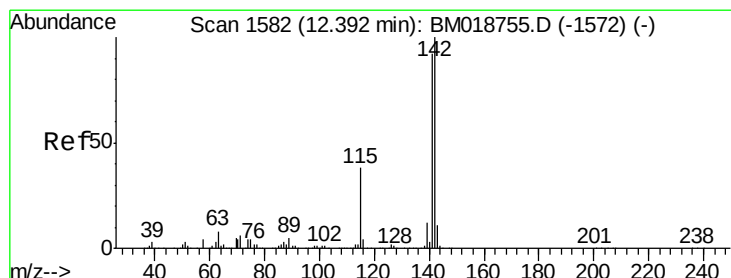
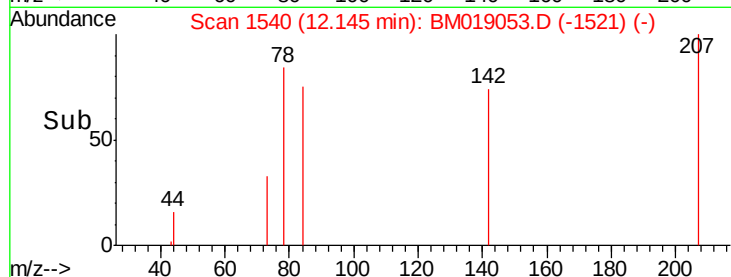
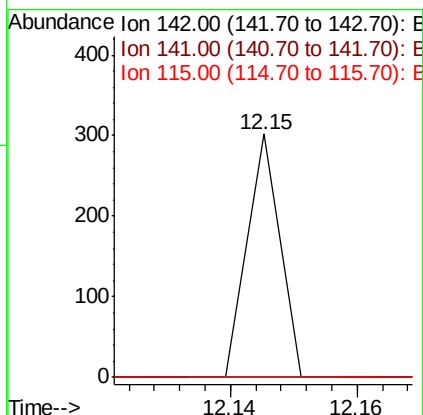
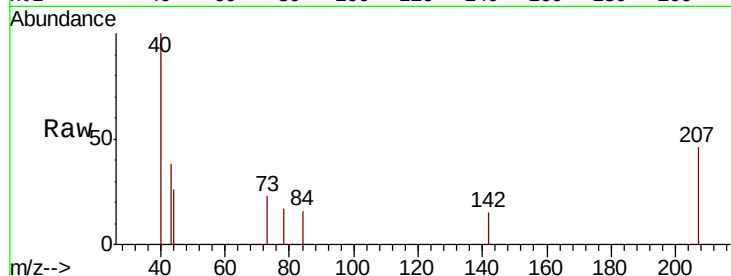




#37
2-Methylnaphthalene
Concen: 0.003 ng
RT: 12.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

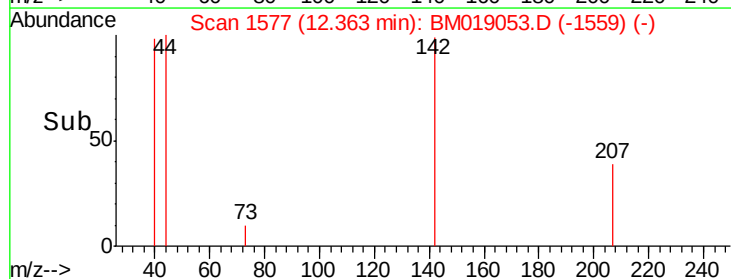
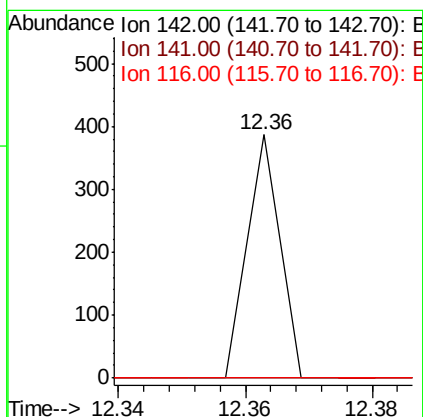
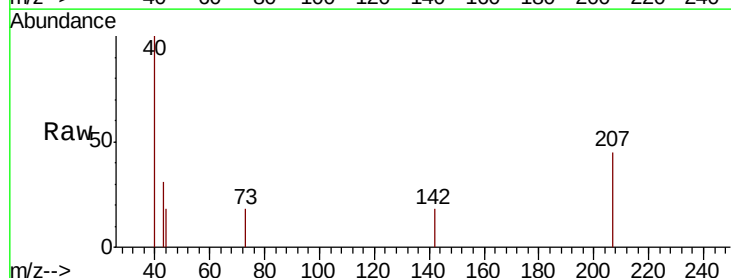
Instrument :
BNA_M
ClientSampleId :
PST-028-SW067-022719

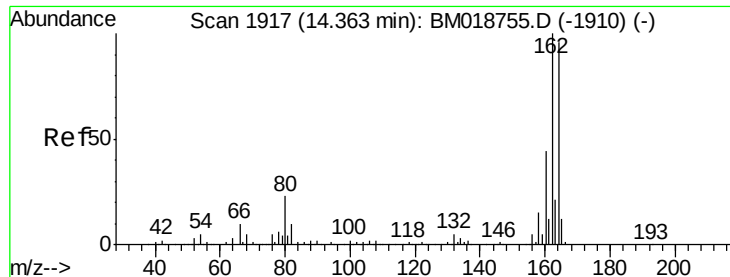
Tgt Ion:142 Resp: 107
Ion Ratio Lower Upper
142 100
141 0.0 71.2 106.8#
115 0.0 29.1 43.7#



#38
1-Methylnaphthalene
Concen: 0.004 ng
RT: 12.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

Tgt Ion:142 Resp: 137
Ion Ratio Lower Upper
142 100
141 0.0 73.9 110.9#
116 0.0 3.0 4.4#

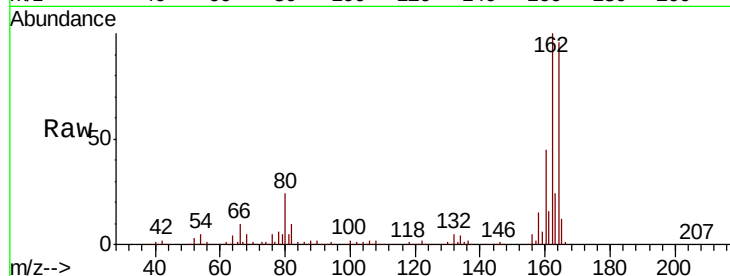




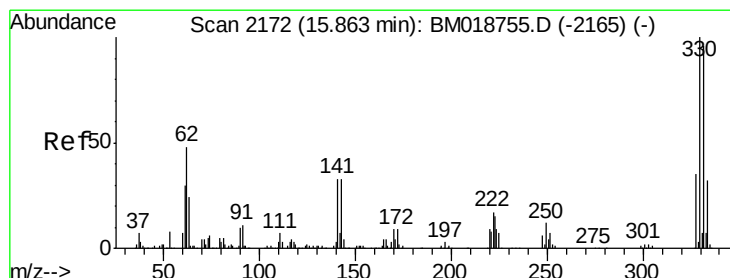
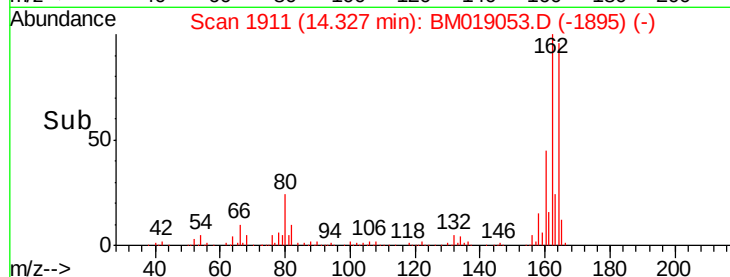
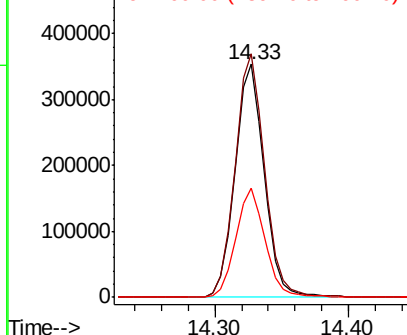
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

Instrument :
BNA_M
ClientSampleId :
PST-028-SW067-022719

Tgt Ion:164 Resp: 534794
Ion Ratio Lower Upper
164 100
162 104.6 83.4 125.0
160 47.1 36.6 55.0

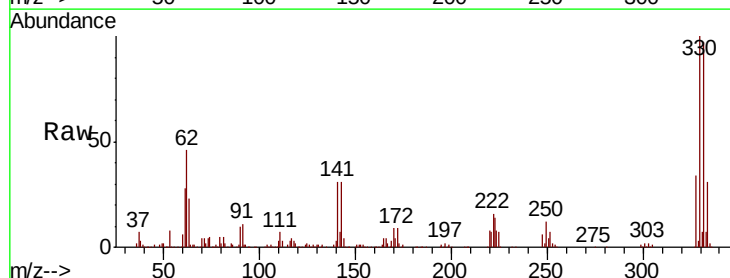


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

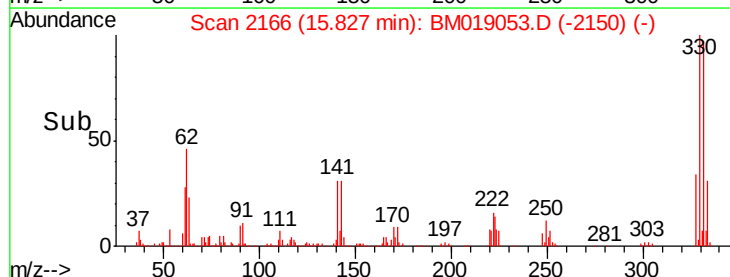
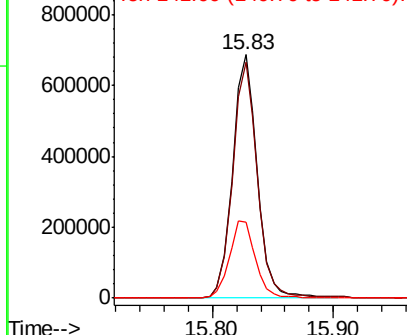


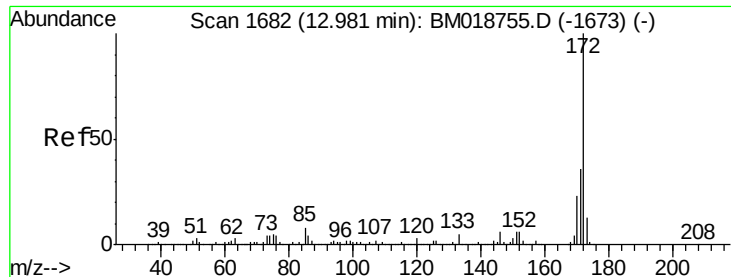
#42
2,4,6-Tribromophenol
Concen: 126.823 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

Tgt Ion:330 Resp: 977664
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 33.5 28.7 43.1



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

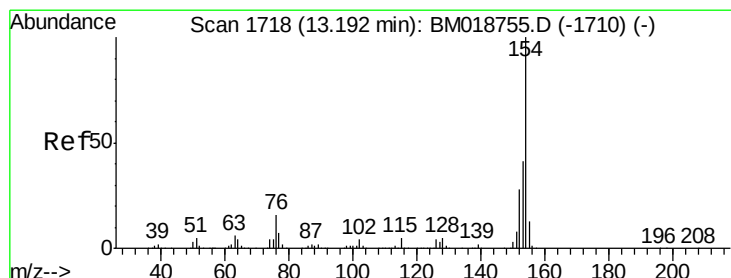
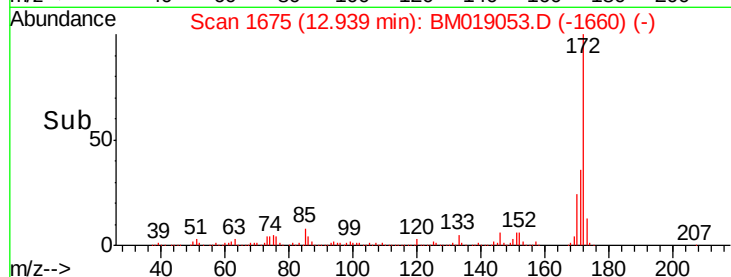
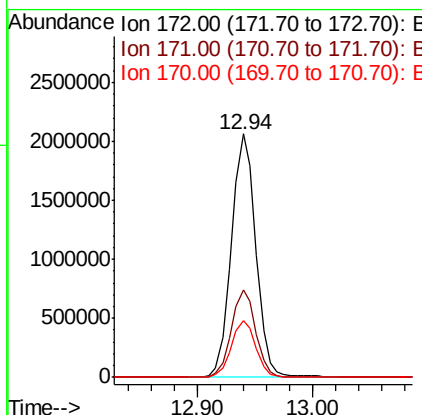
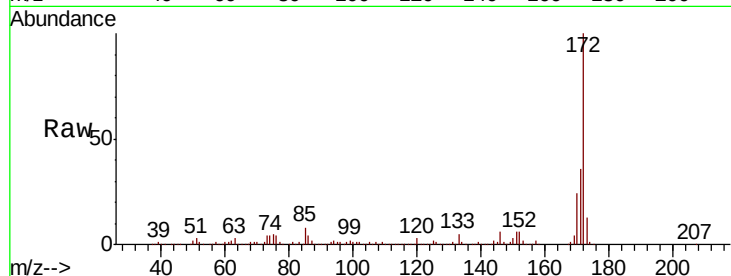




#45
2-Fluorobiphenyl
Concen: 75.112 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

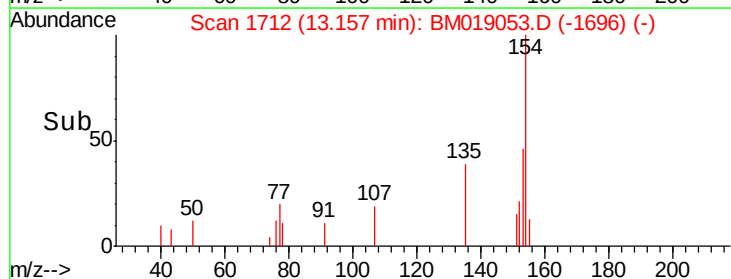
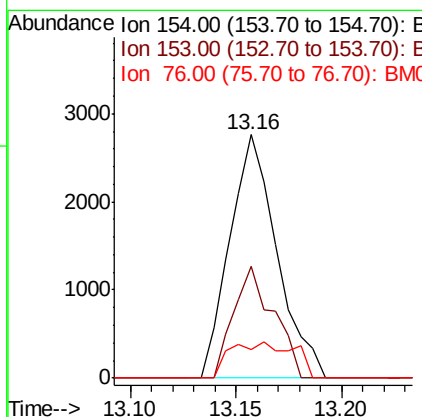
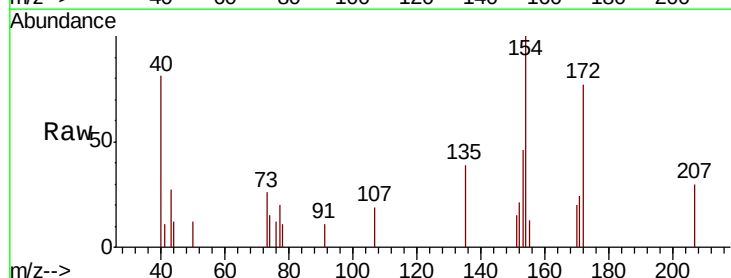
Instrument :
BNA_M
ClientSampleId :
PST-028-SW067-022719

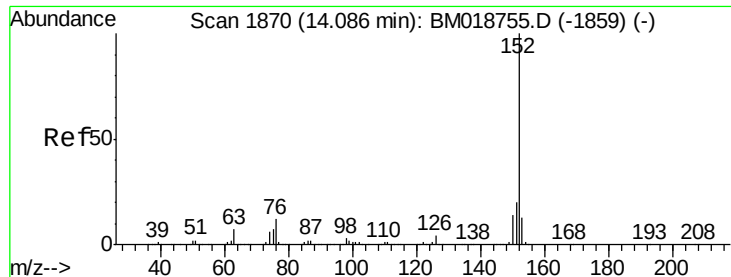
Tgt Ion:172 Resp: 3025983
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.093 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

Tgt Ion:154 Resp: 4265
Ion Ratio Lower Upper
154 100
153 46.1 21.1 61.1
76 11.9 0.0 35.7





#49

Acenaphthylene

Concen: 0.032 ng

RT: 14.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

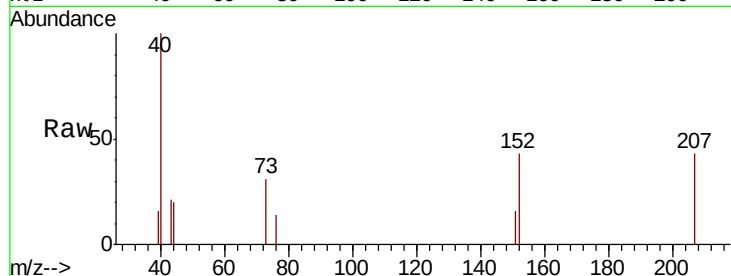
Tgt Ion:152 Resp: 1718

Ion Ratio Lower Upper

152 100

151 37.6 15.8 23.8#

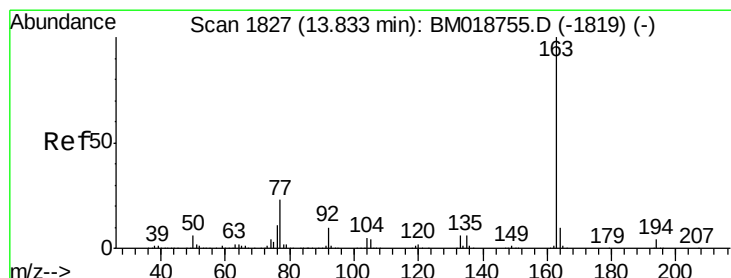
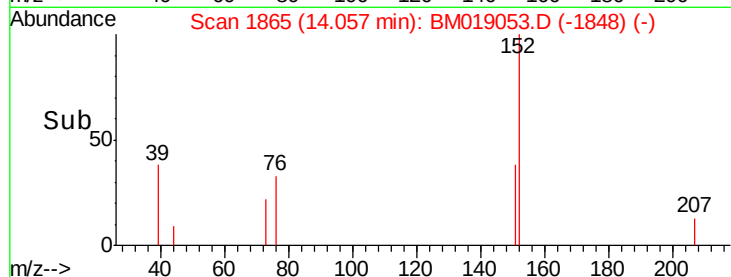
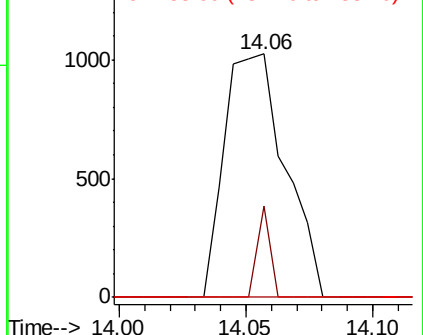
153 0.0 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.892 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

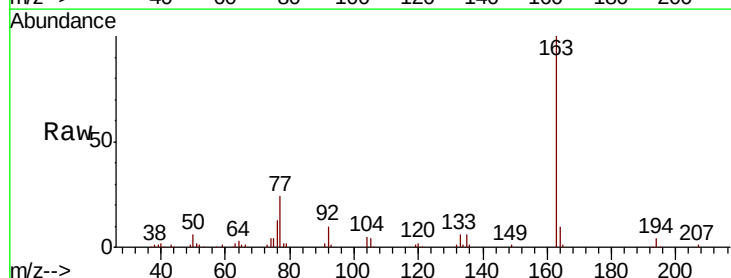
Tgt Ion:163 Resp: 173486

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

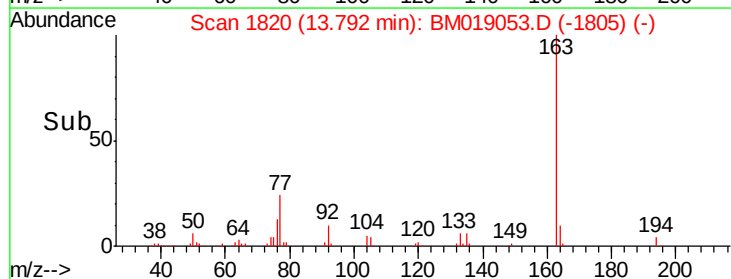
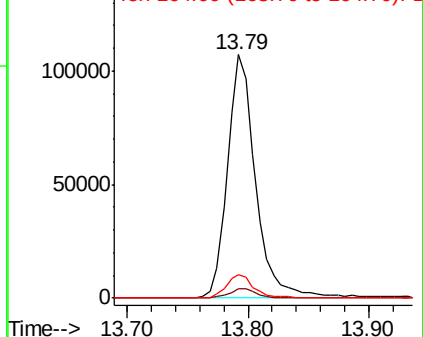
164 9.6 7.8 11.8

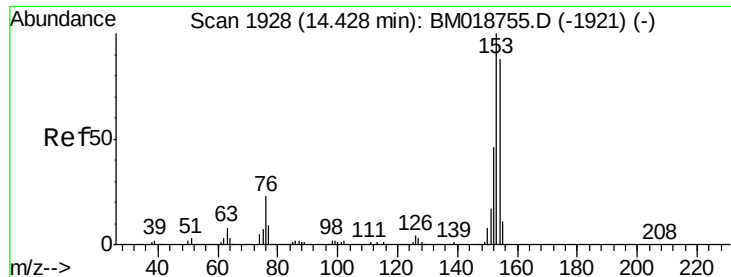


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.014 ng

RT: 14.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

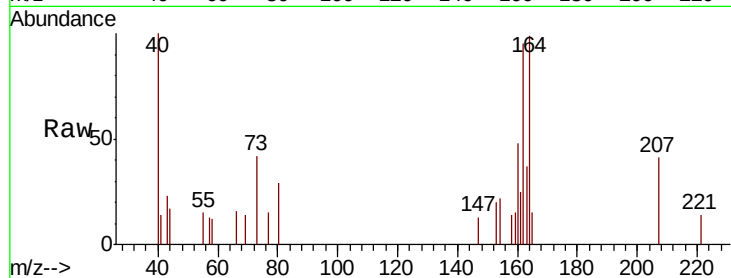
Tgt Ion:154 Resp: 465

Ion Ratio Lower Upper

154 100

153 88.9 91.3 136.9#

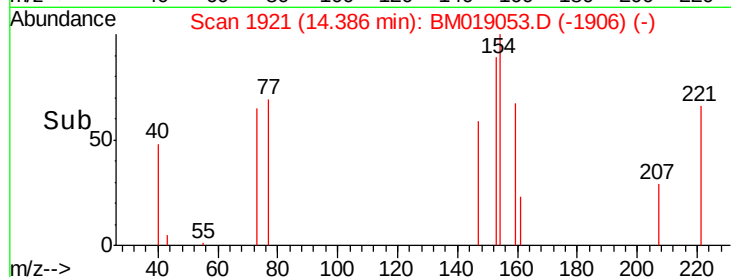
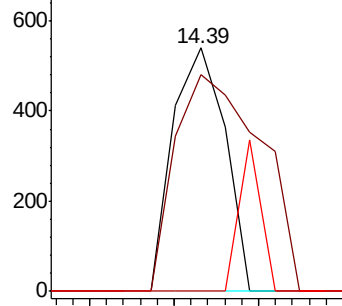
152 0.0 42.2 63.4#



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



#55

Dibenzofuran

Concen: 0.013 ng

RT: 14.75 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

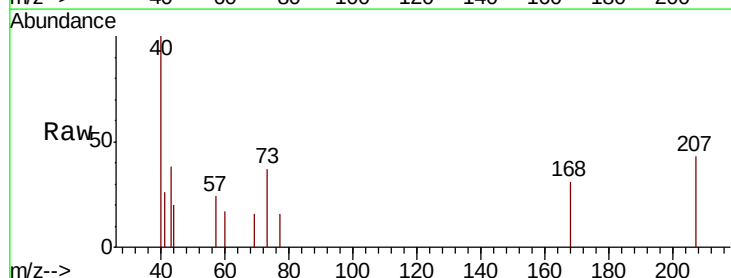
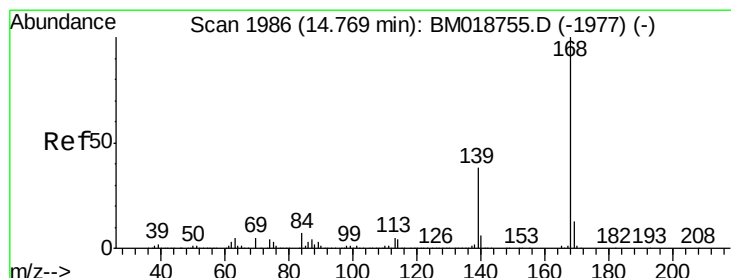
Tgt Ion:168 Resp: 680

Ion Ratio Lower Upper

168 100

139 0.0 30.7 46.1#

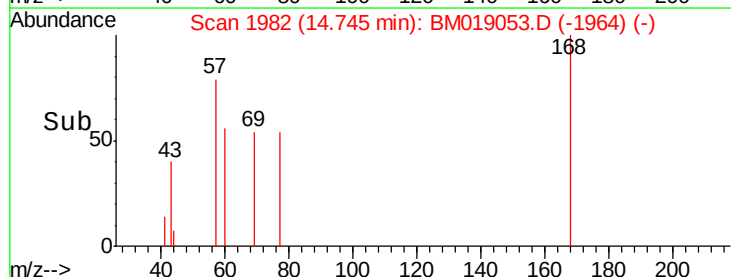
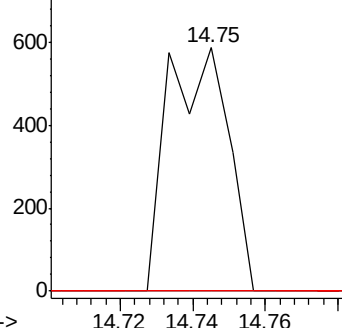
169 0.0 10.3 15.5#

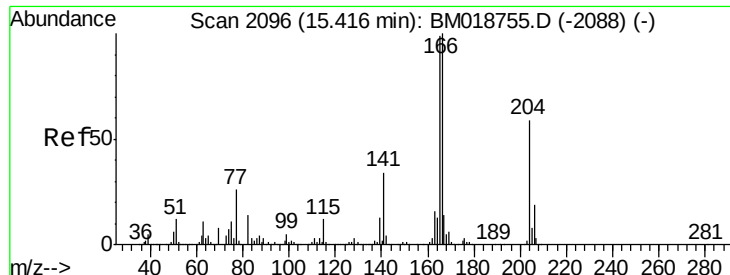


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 0.014 ng

RT: 15.39 min Scan# 2092

Delta R.T. 0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

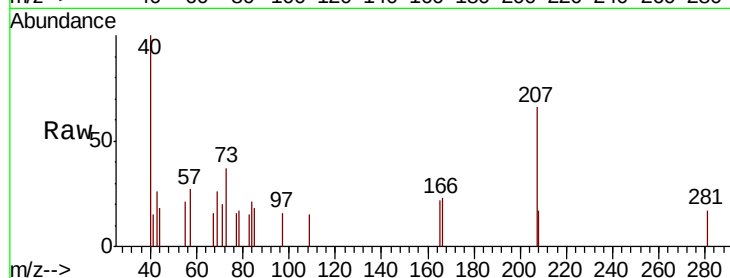
Tgt Ion:166 Resp: 557

Ion Ratio Lower Upper

166 100

165 98.1 79.1 118.7

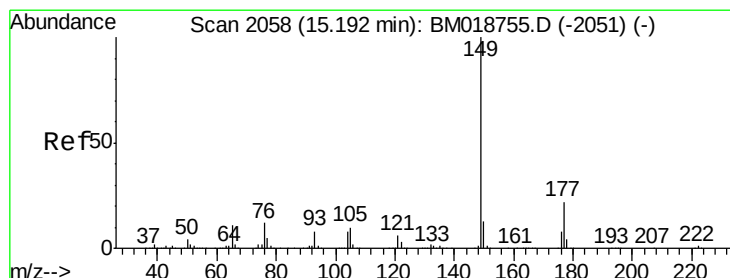
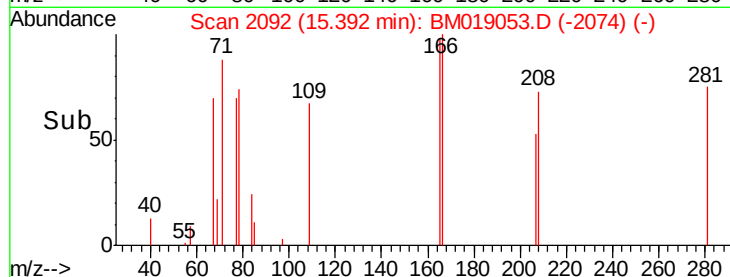
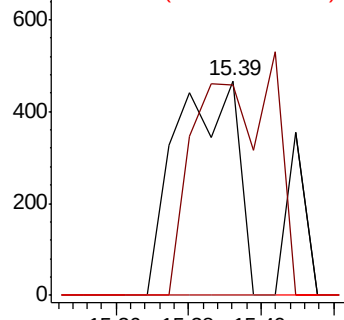
167 0.0 11.0 16.4#



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: 0.031 ng

RT: 15.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

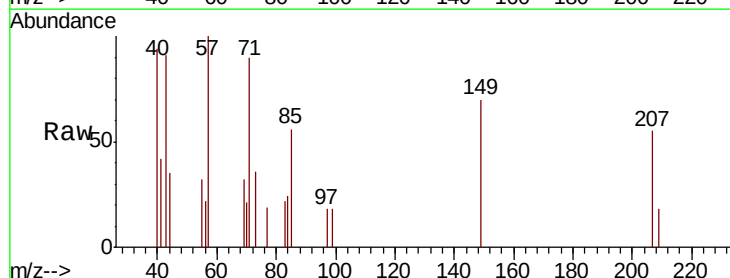
Tgt Ion:149 Resp: 1443

Ion Ratio Lower Upper

149 100

177 0.0 17.2 25.8#

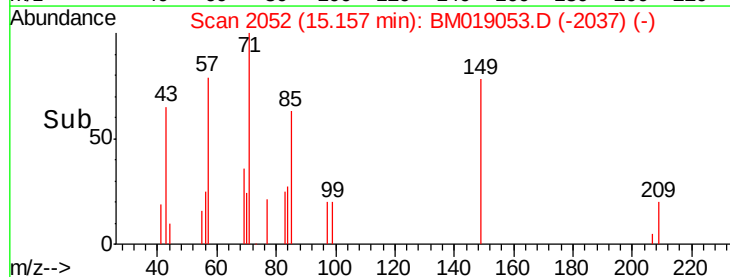
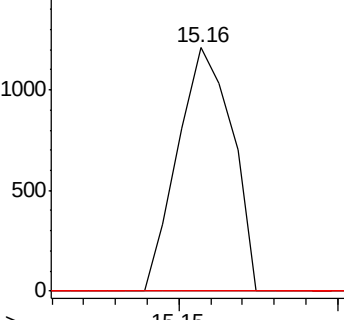
150 0.0 10.2 15.2#

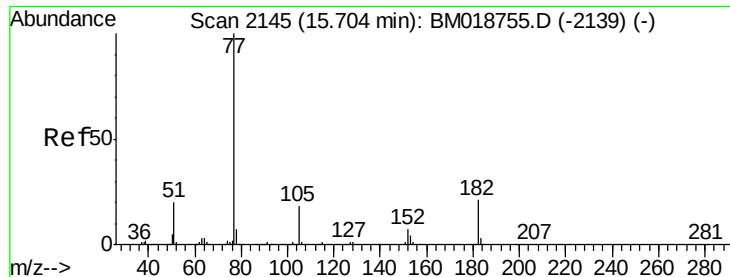


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

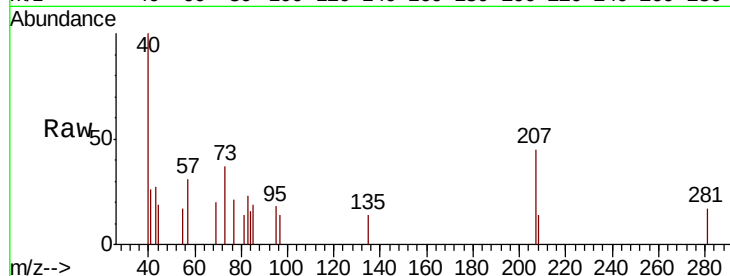




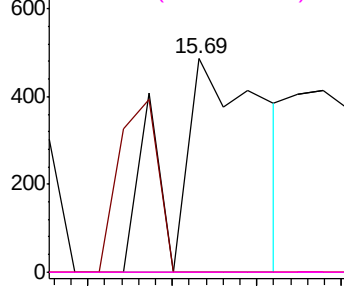
#63
Azobenzene
Concen: 0.015 ng
RT: 15.69 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

Instrument :
BNA_M
ClientSampleId :
PST-028-SW067-022719

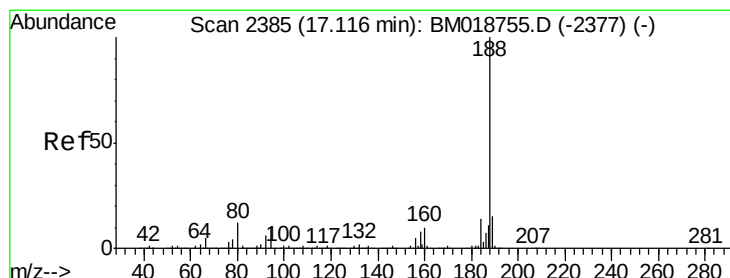
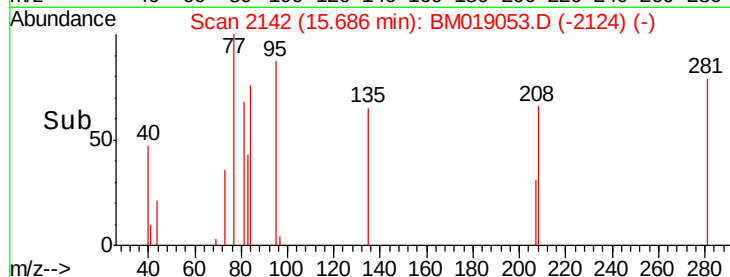
Tgt Ion: 77 Resp: 731
Ion Ratio Lower Upper
77 100
182 0.0 1.0 41.0#
105 0.0 0.0 37.7
51 0.0 0.3 40.3#



Abundance Ion 77.00 (76.70 to 77.70): BM019053.D (-2124) (-)
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): BM019053.D (-2124) (-)

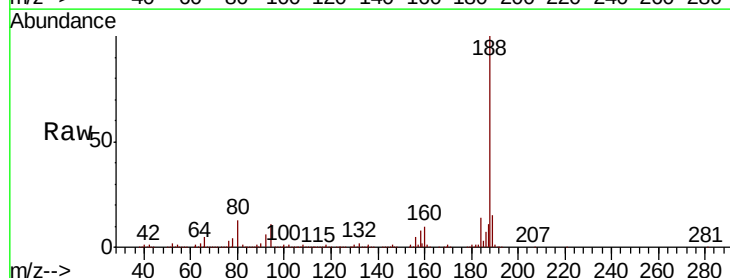


Time-->

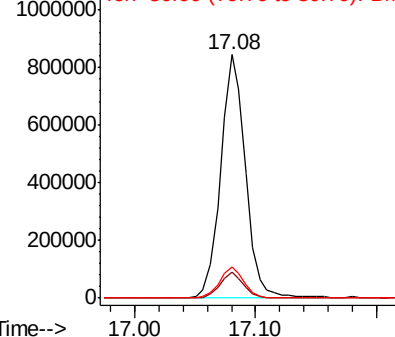


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

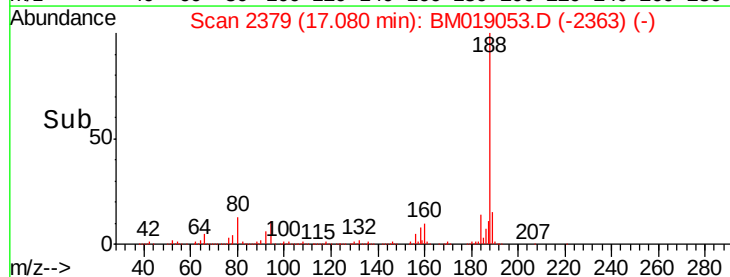
Tgt Ion: 188 Resp: 1211440
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 12.7 9.7 14.5

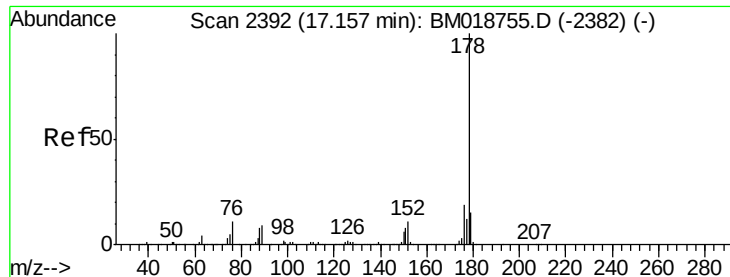


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM019053.D (-2363) (-)
Ion 80.00 (79.70 to 80.70): BM019053.D (-2363) (-)



Time-->

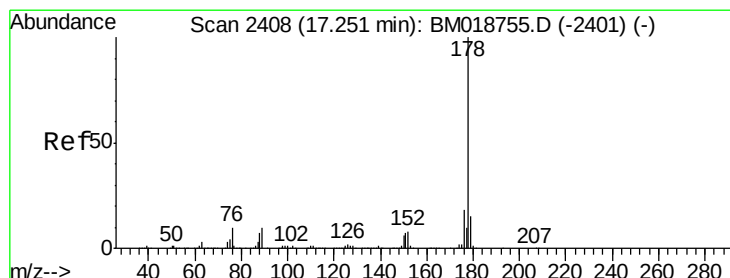
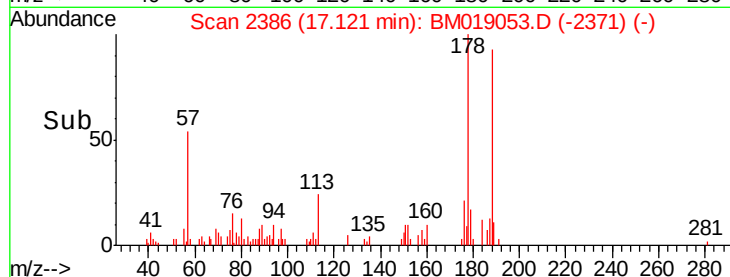
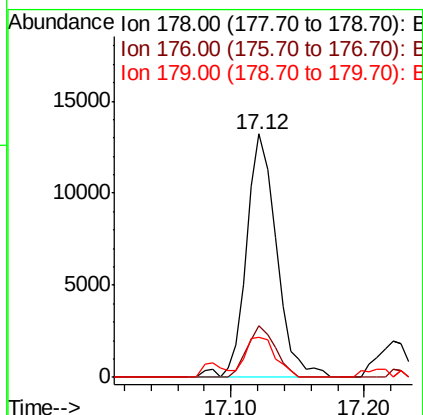
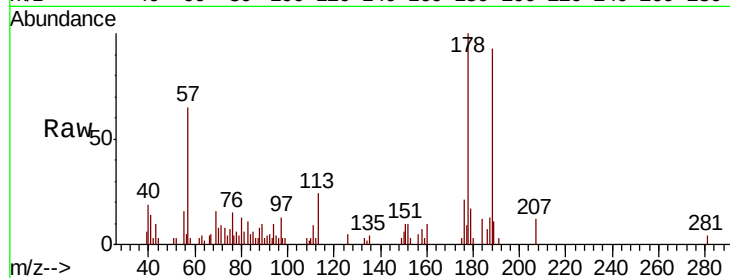




#71
Phenanthrene
Concen: 0.315 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

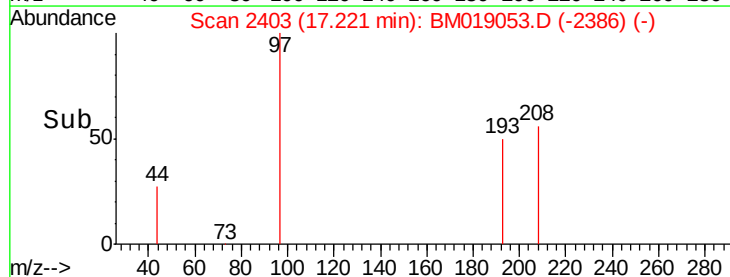
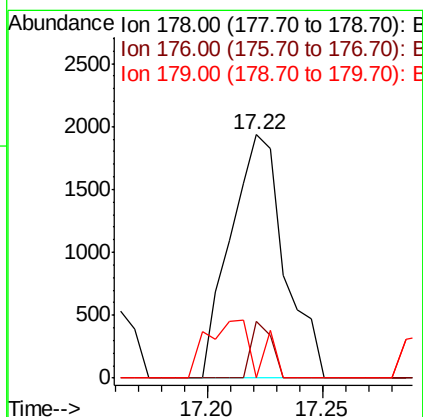
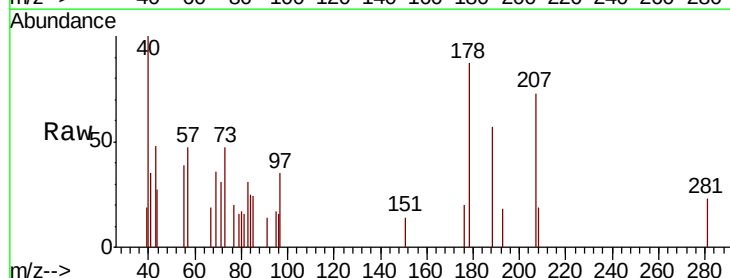
Instrument :
BNA_M
ClientSampleId :
PST-028-SW067-022719

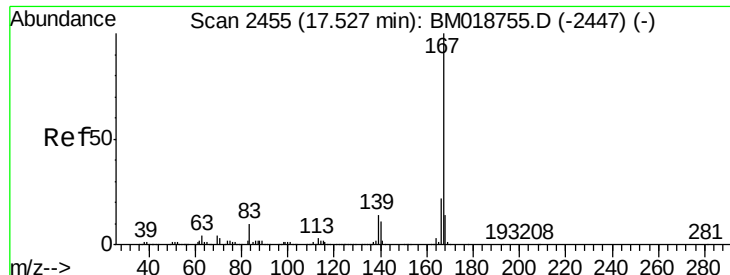
Tgt Ion:178 Resp: 20514
Ion Ratio Lower Upper
178 100
176 21.2 15.4 23.0
179 16.7 12.3 18.5



#72
Anthracene
Concen: 0.050 ng
RT: 17.22 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM019053.D
Acq: 06 Mar 2019 02:26

Tgt Ion:178 Resp: 3149
Ion Ratio Lower Upper
178 100
176 23.1 14.8 22.2#
179 0.0 12.1 18.1#





#73

Carbazole

Concen: 0.028 ng

RT: 17.51 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

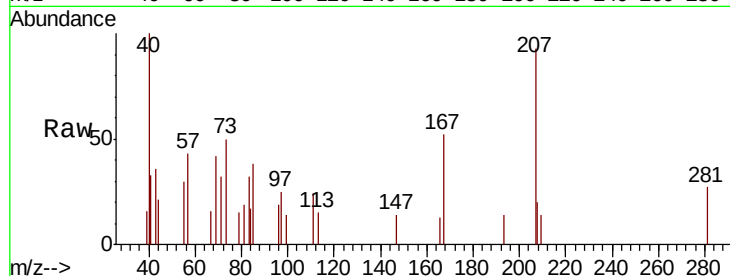
Tgt Ion:167 Resp: 1841

Ion Ratio Lower Upper

167 100

166 26.0 17.7 26.5

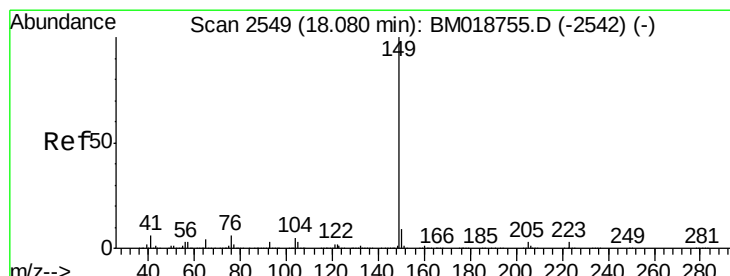
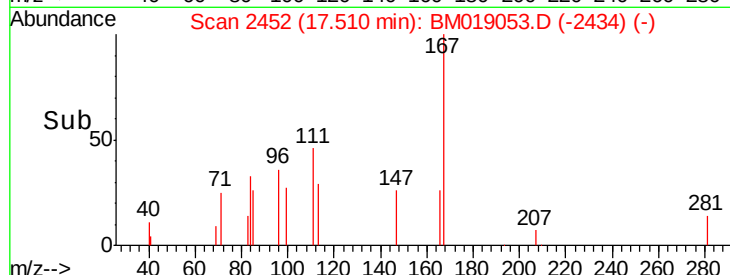
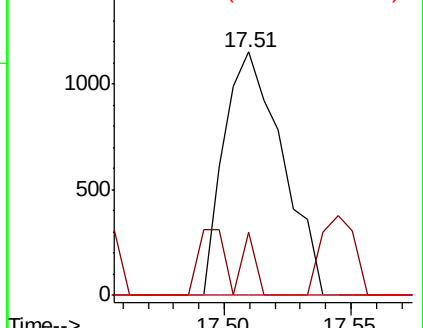
139 0.0 10.9 16.3#



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: 0.115 ng

RT: 18.05 min Scan# 2544

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

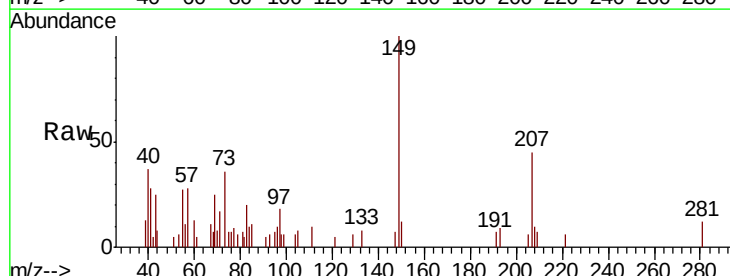
Tgt Ion:149 Resp: 8734

Ion Ratio Lower Upper

149 100

150 11.5 7.4 11.0#

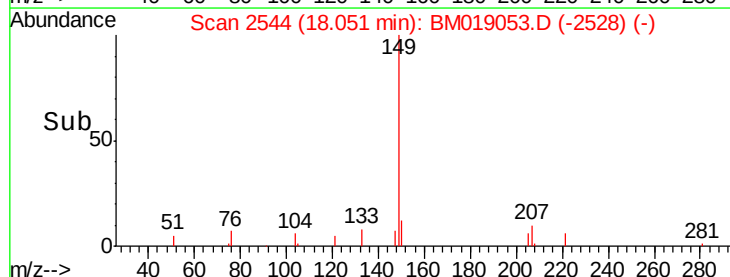
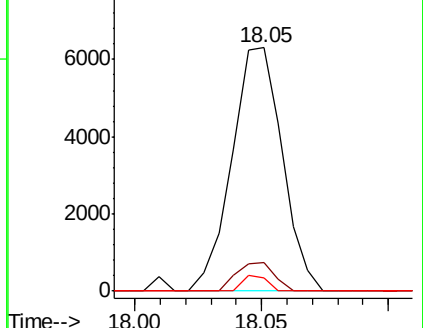
104 5.5 4.3 6.5

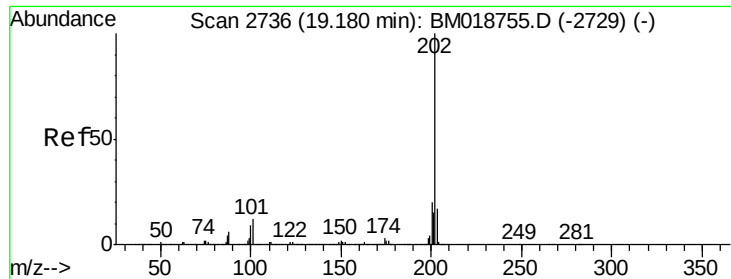


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.471 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

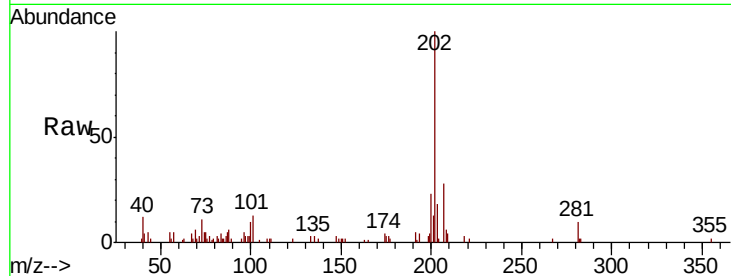
Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

Tgt Ion:	202	Resp:	35430
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.5
203	18.2	0.0	37.3

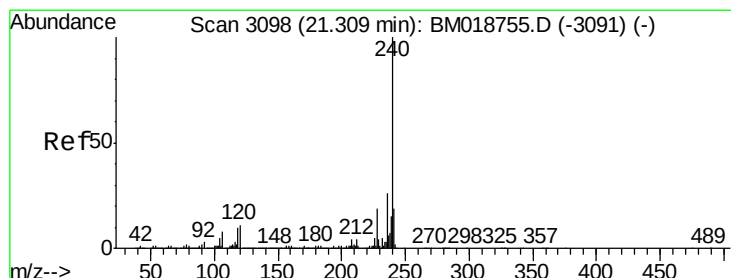
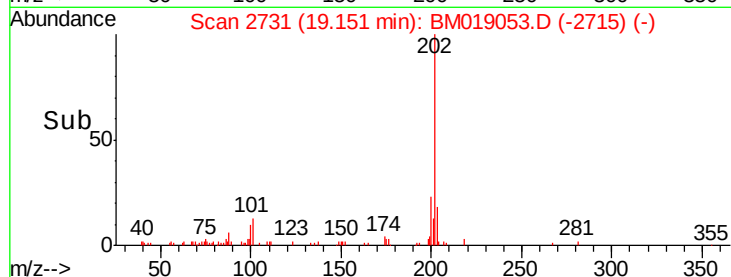
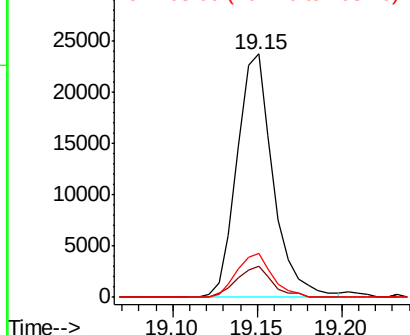


Abundance

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

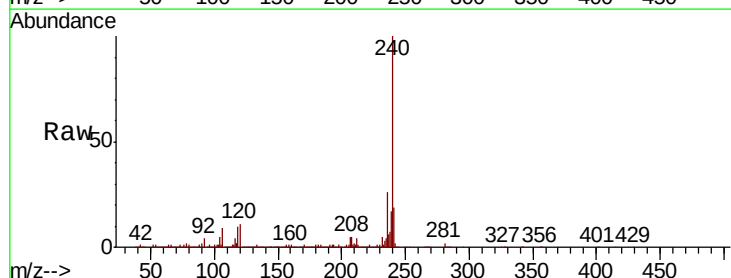
RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Tgt Ion:	240	Resp:	1364860
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.7	20.9	31.3

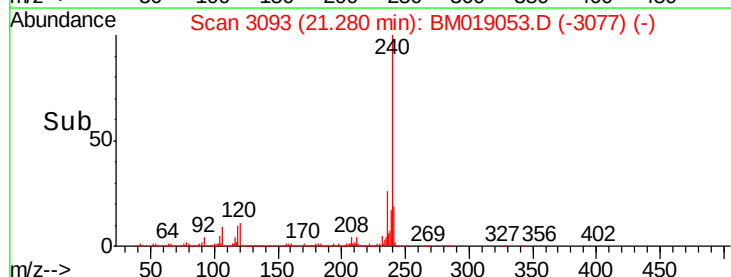
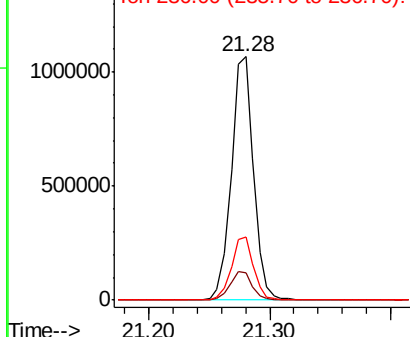


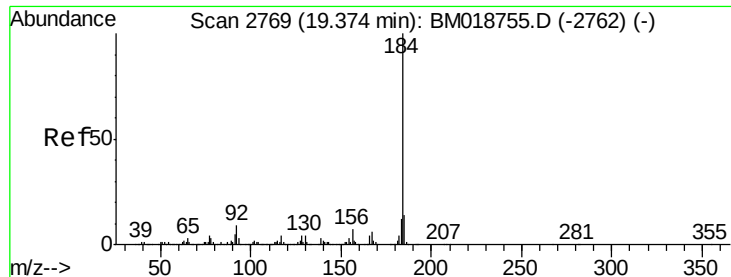
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.018 ng

RT: 19.37 min Scan# 2769

Delta R.T. 0.02 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

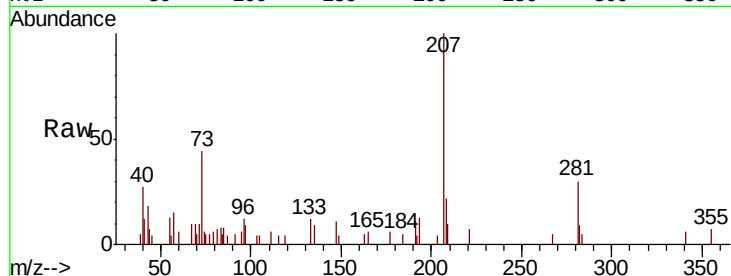
Tgt Ion:184 Resp: 549

Ion Ratio Lower Upper

184 100

185 0.0 11.2 16.8#

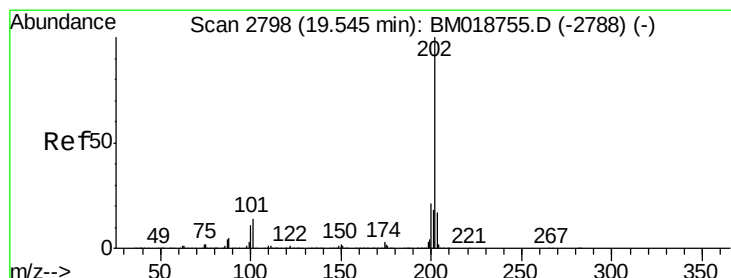
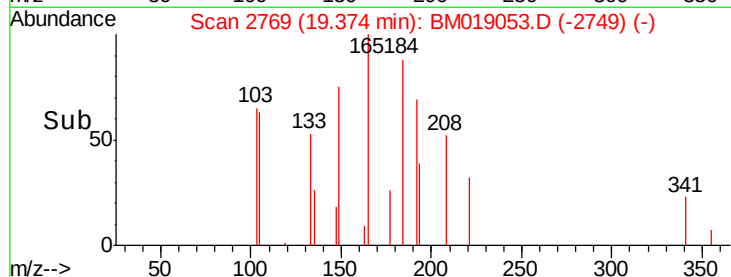
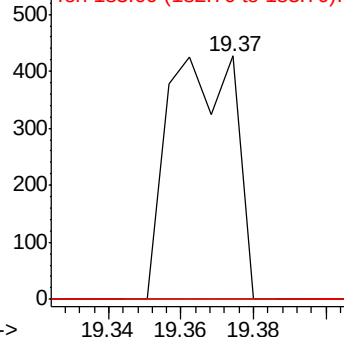
183 0.0 9.7 14.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.441 ng

RT: 19.52 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

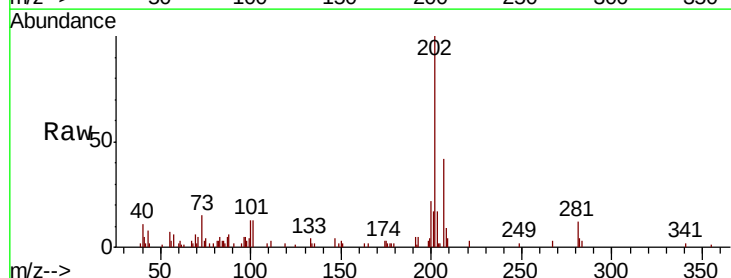
Tgt Ion:202 Resp: 34924

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

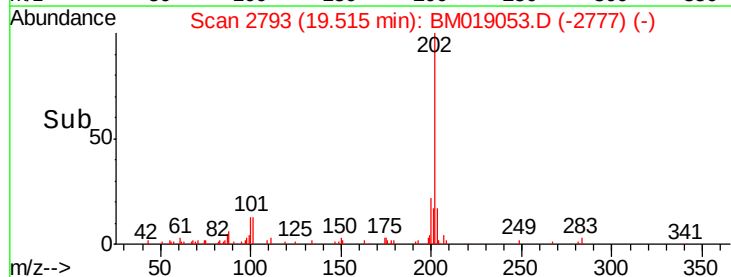
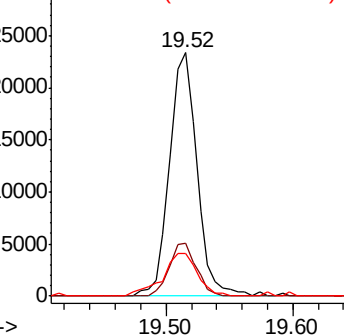
203 17.3 13.8 20.8

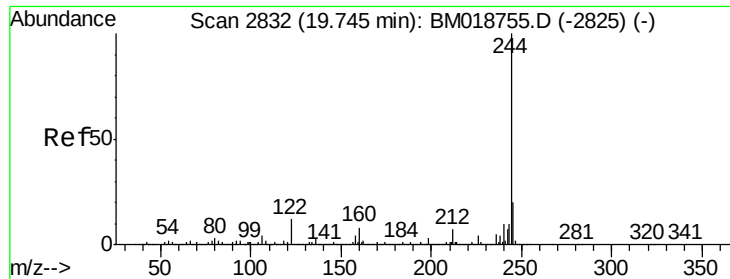


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.353 ng

RT: 19.72 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

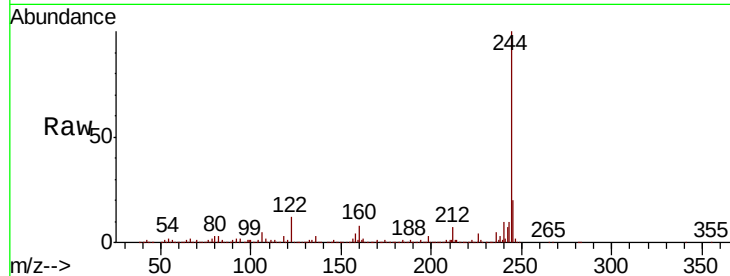
Tgt Ion:244 Resp: 4588529

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

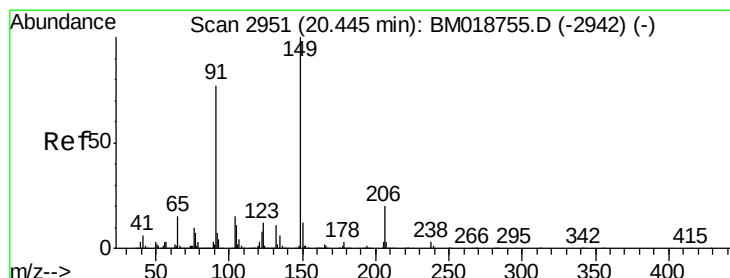
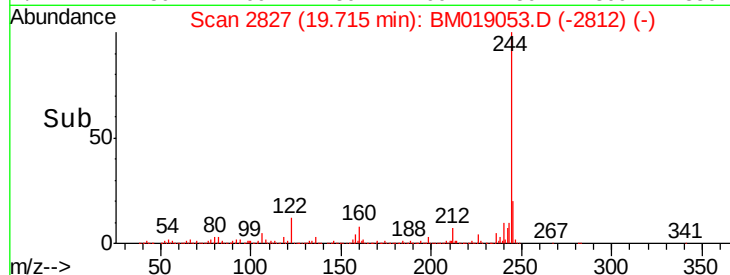
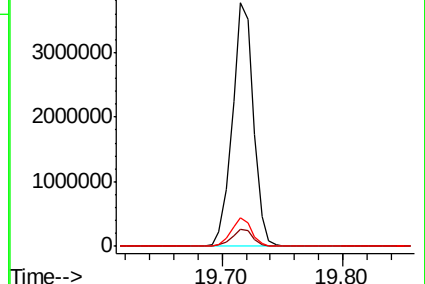
122 11.8 9.3 13.9



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: 0.040 ng

RT: 20.41 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

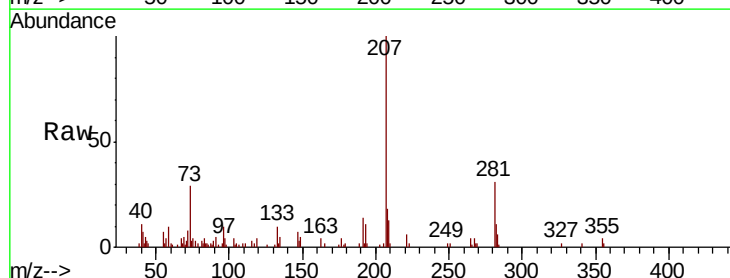
Tgt Ion:149 Resp: 1458

Ion Ratio Lower Upper

149 100

91 85.0 61.4 92.0

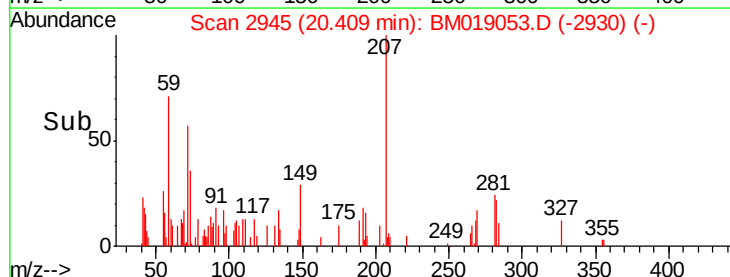
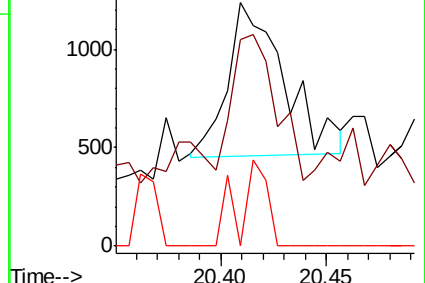
206 0.0 15.8 23.8#

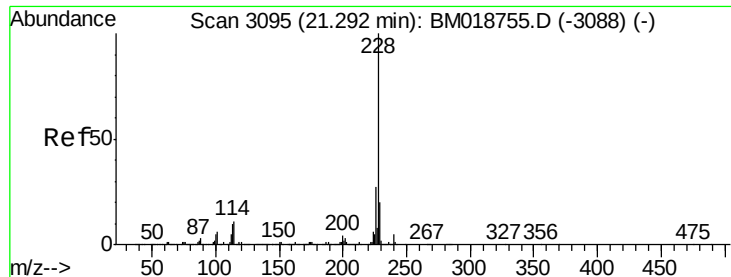


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.307 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

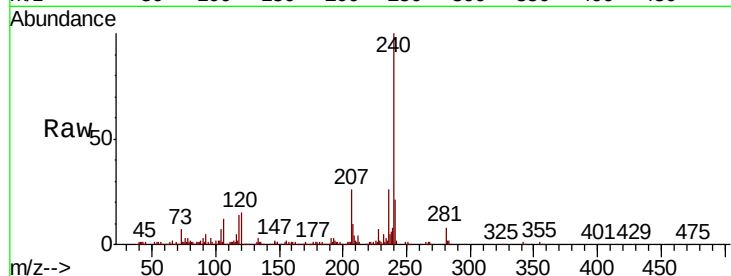
Tgt Ion:228 Resp: 24399

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

229 23.4 15.9 23.9

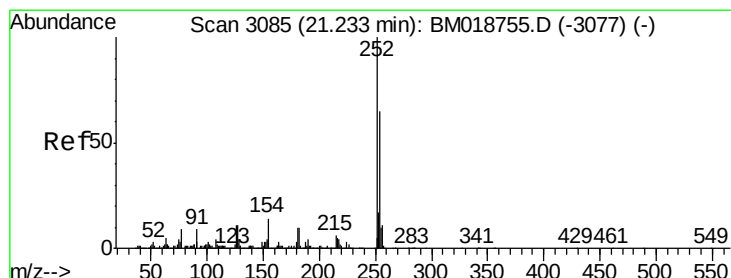
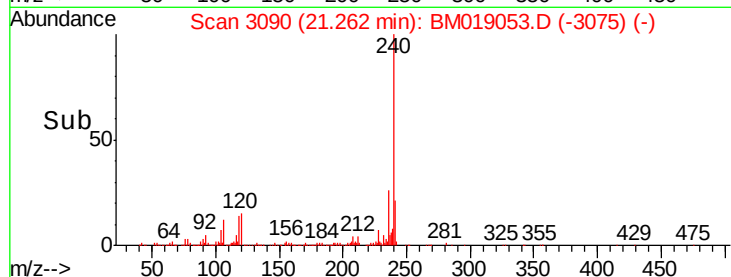
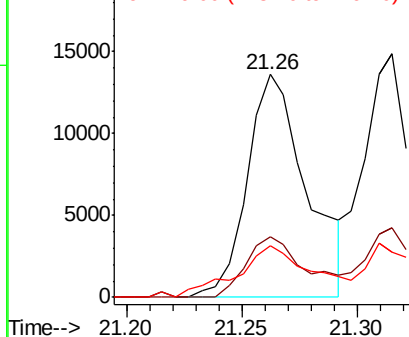


Abundance

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: 0.016 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

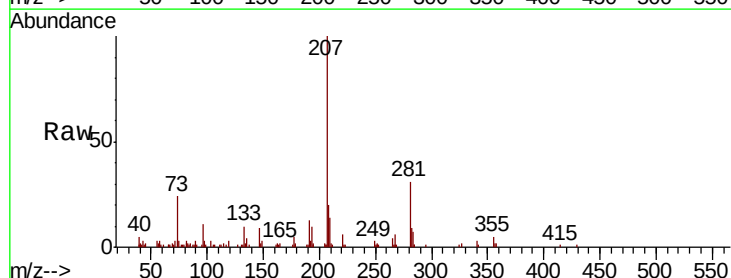
Tgt Ion:252 Resp: 492

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

126 0.0 9.1 13.7#

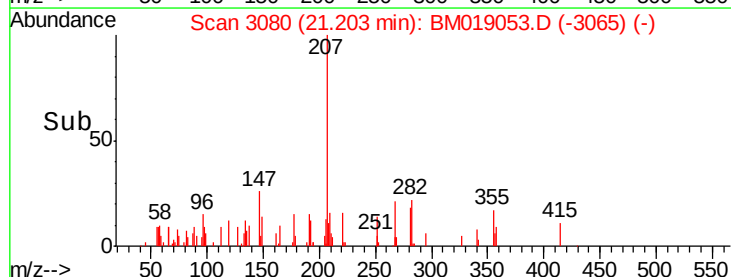
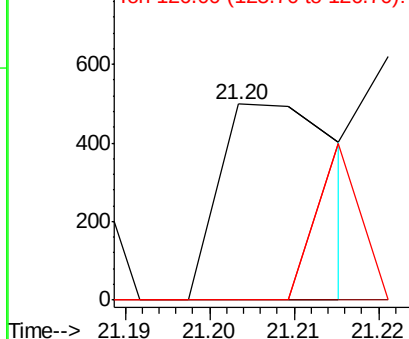


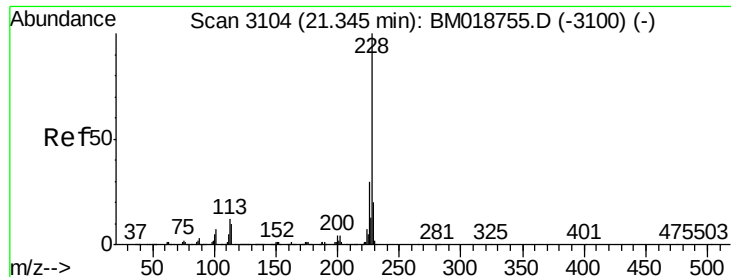
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.268 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

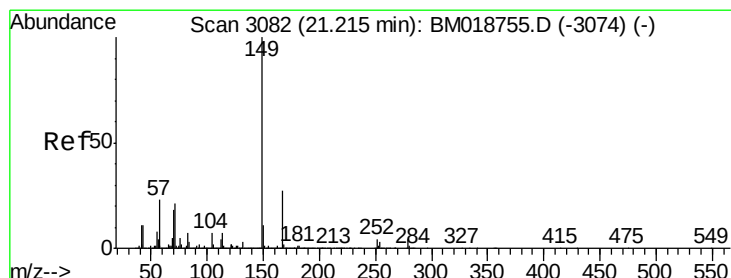
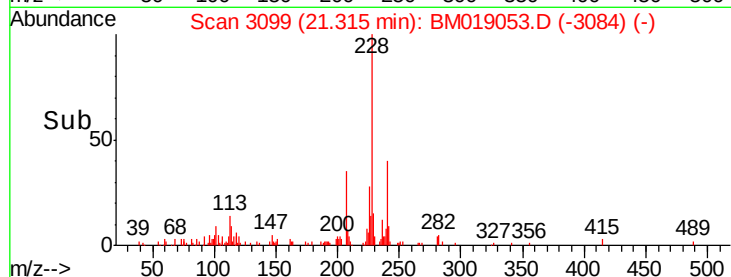
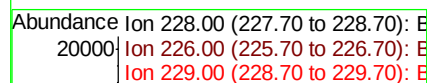
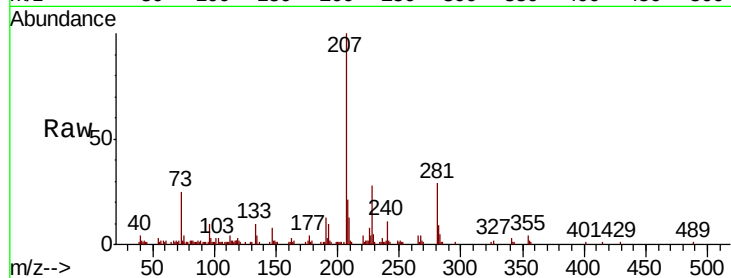
Tgt Ion: 228 Resp: 20403

Ion Ratio Lower Upper

228 100

226 28.5 24.1 36.1

229 18.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.065 ng

RT: 21.18 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

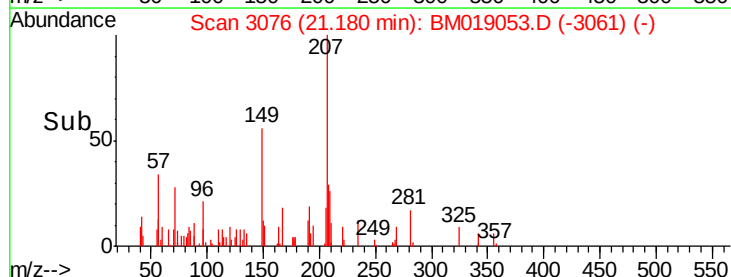
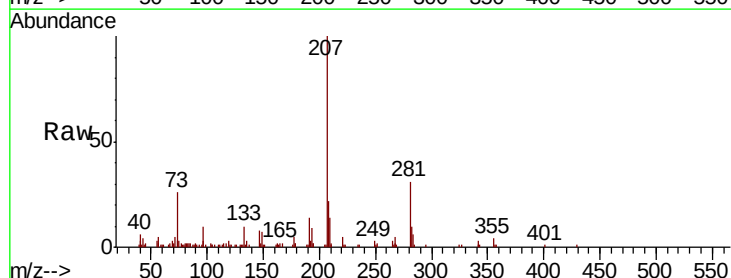
Tgt Ion: 149 Resp: 3412

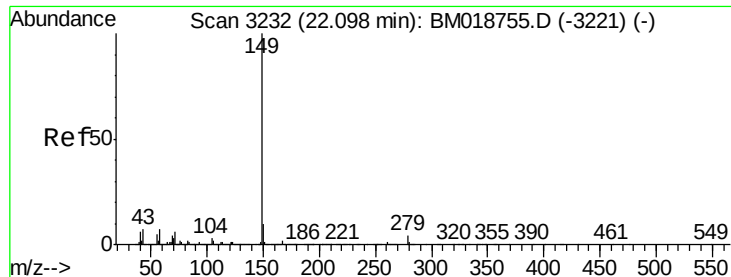
Ion Ratio Lower Upper

149 100

167 22.5 21.8 32.6

279 0.0 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 0.016 ng

RT: 22.06 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

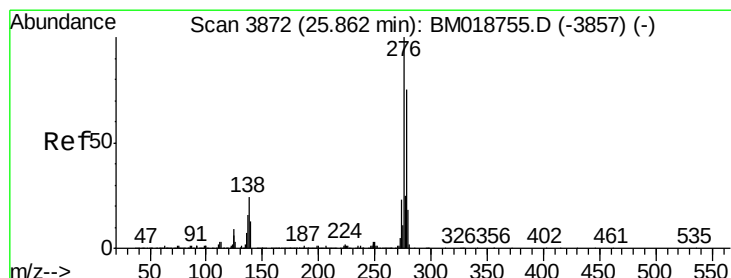
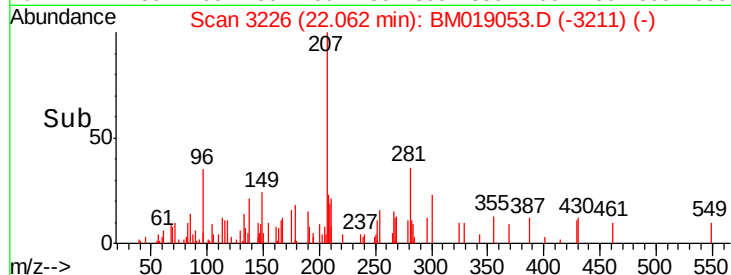
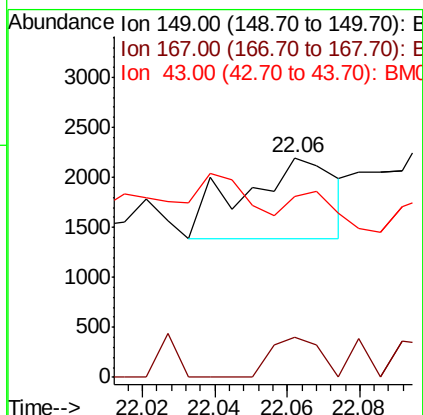
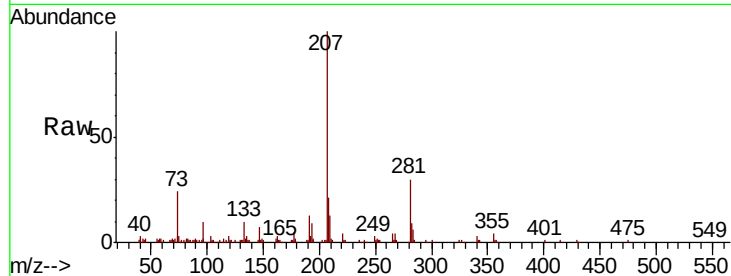
Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

Tgt Ion:	149	Resp:	1410
Ion	Ratio	Lower	Upper
149	100		
167	26.0	1.3	1.9#
43	35.2	6.0	9.0#



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.115 ng

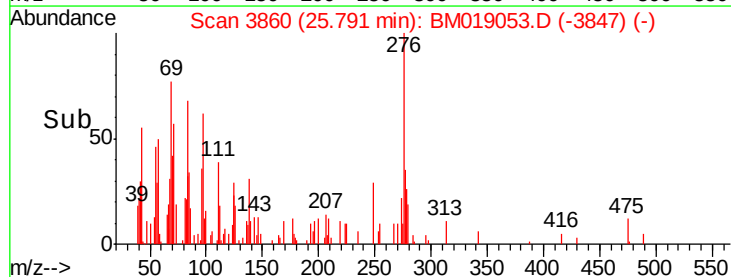
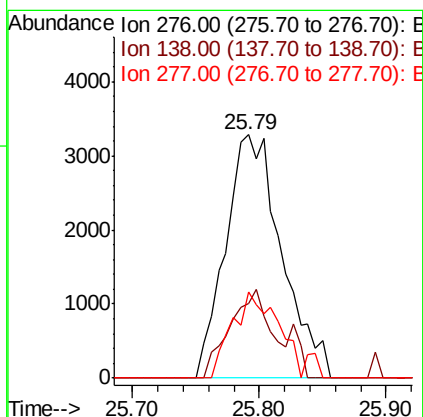
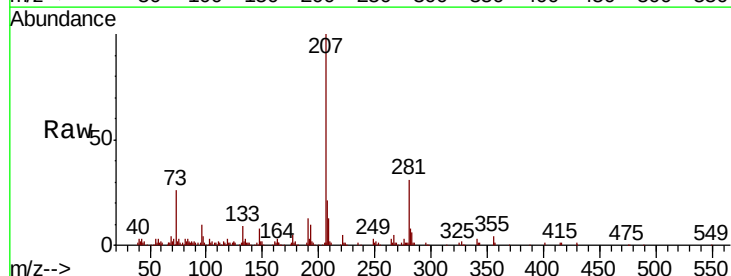
RT: 25.79 min Scan# 3860

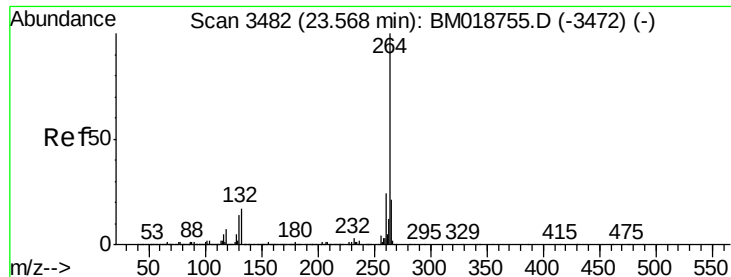
Delta R.T. -0.02 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Tgt Ion:	276	Resp:	10131
Ion	Ratio	Lower	Upper
276	100		
138	30.8	20.2	30.4#
277	28.7	20.3	30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

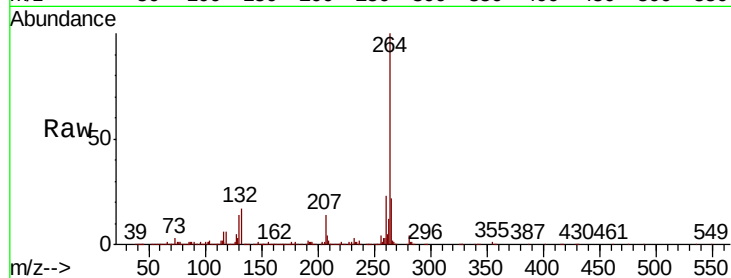
Tgt Ion:264 Resp: 1386092

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

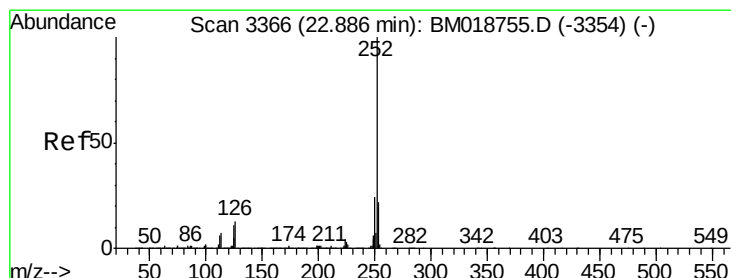
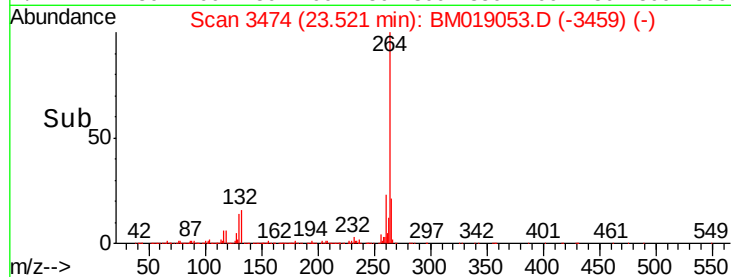
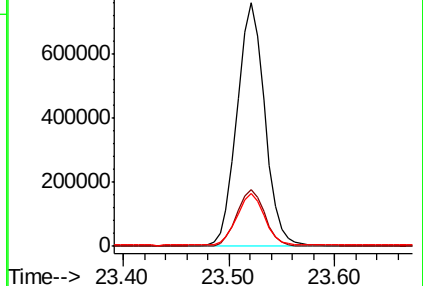
265 21.5 17.3 25.9



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: 0.427 ng

RT: 22.84 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

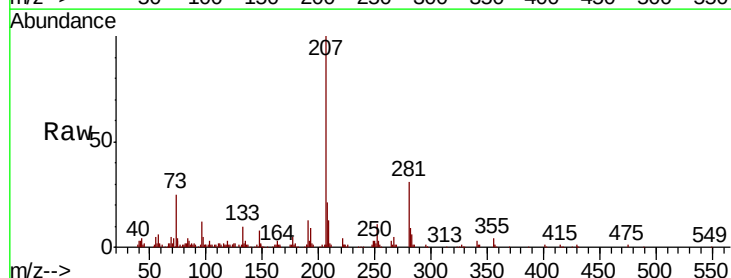
Tgt Ion:252 Resp: 33890

Ion Ratio Lower Upper

252 100

253 29.3 17.8 26.6#

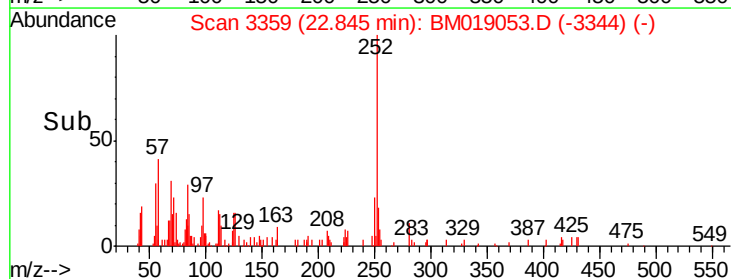
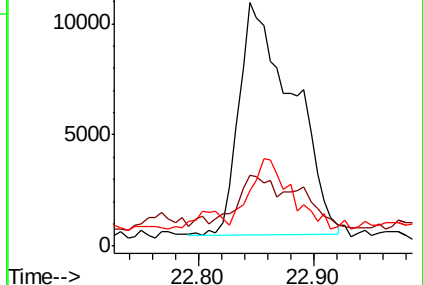
125 22.8 8.6 12.8#

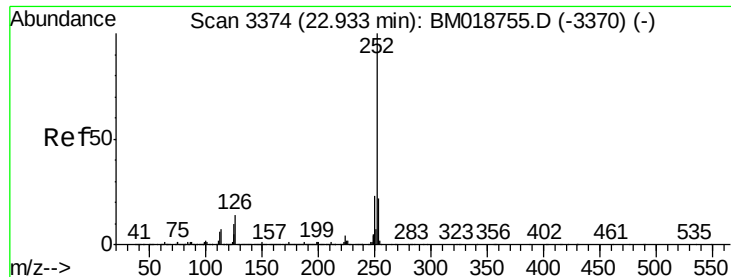


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.432 ng

RT: 22.84 min Scan# 3359

Delta R.T. -0.06 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

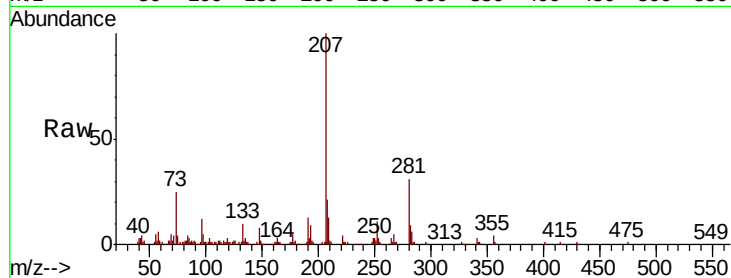
Tgt Ion:252 Resp: 34140

Ion Ratio Lower Upper

252 100

253 29.3 17.7 26.5#

125 22.8 8.2 12.4#

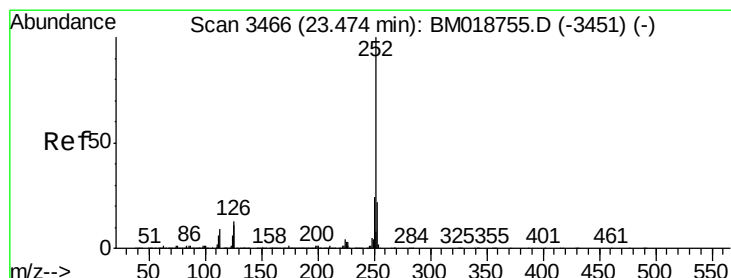
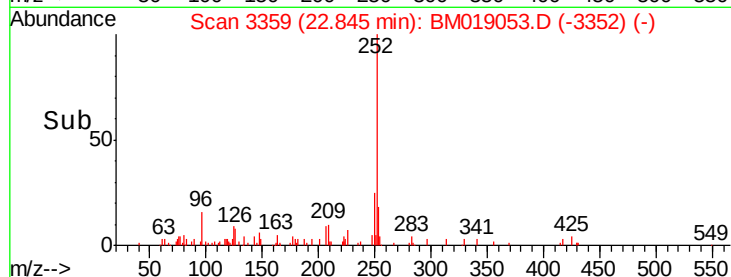
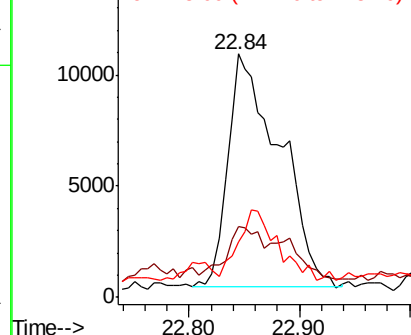


Abundance

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: 0.212 ng

RT: 23.42 min Scan# 3457

Delta R.T. -0.02 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

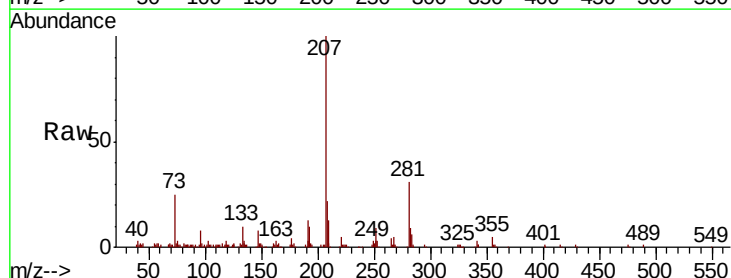
Tgt Ion:252 Resp: 15955

Ion Ratio Lower Upper

252 100

253 31.3 17.4 26.0#

125 16.1 8.6 13.0#

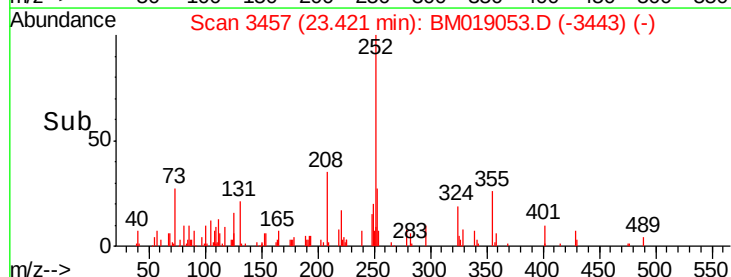
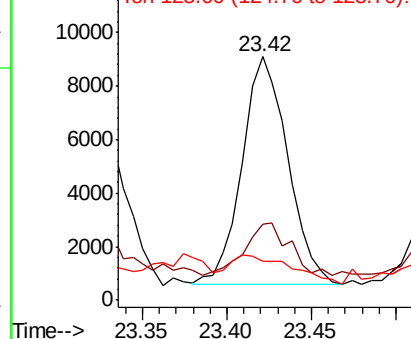


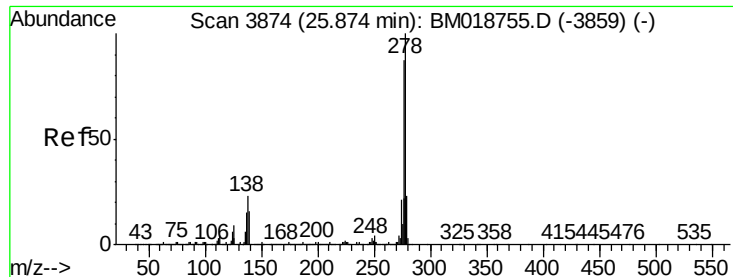
Abundance

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: 0.051 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.02 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

Instrument :

BNA_M

ClientSampleId :

PST-028-SW067-022719

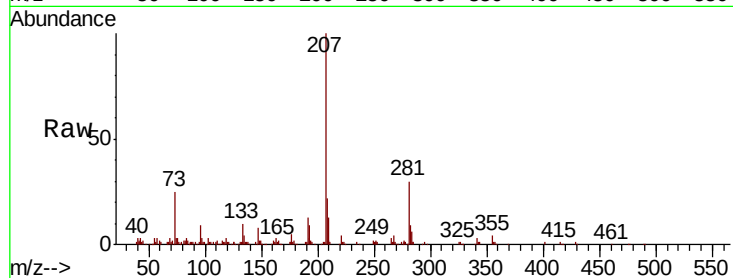
Tgt Ion: 278 Resp: 3800

Ion Ratio Lower Upper

278 100

139 44.9 12.6 18.8#

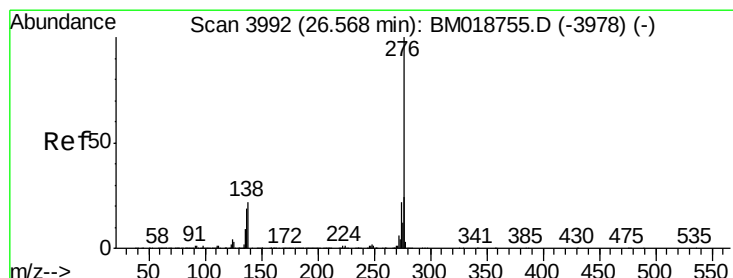
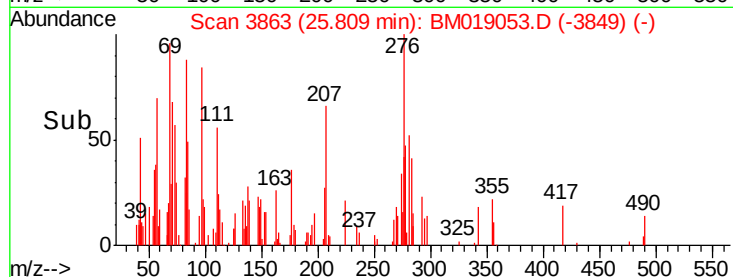
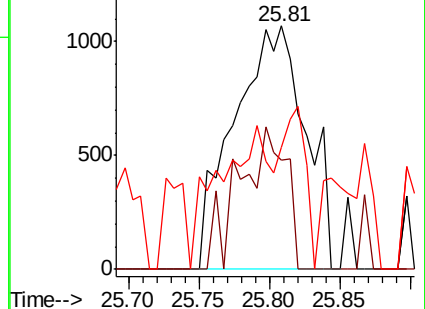
279 50.2 18.6 28.0#



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: 0.147 ng

RT: 26.49 min Scan# 3979

Delta R.T. -0.02 min

Lab File: BM019053.D

Acq: 06 Mar 2019 02:26

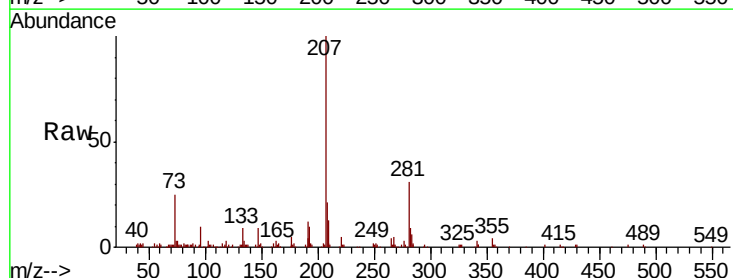
Tgt Ion: 276 Resp: 10193

Ion Ratio Lower Upper

276 100

277 19.7 19.2 28.8

138 18.3 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

