

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
 Data File : BM019055.D
 Acq On : 06 Mar 2019 03:39
 Operator : JU/SJ
 Sample : K1704-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW001-022719

Quant Time: Mar 06 06:01:49 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	218936	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	842556	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	457656	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1079220	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1265602	20.00	ng	-0.01
87) Perylene-d12	23.52	264	1290764	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1499321	112.21	ng	0.00
7) Phenol-d6	6.85	99	2047919	108.79	ng	0.00
23) Nitrobenzene-d5	8.84	82	1280498	70.27	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	771476	116.94	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2390740	69.35	ng	-0.01
79) Terphenyl-d14	19.72	244	4000727	65.21	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	353	0.061	ng	# 1
3) Pyridine	3.65	79	644	0.041	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	282	0.070	ng	# 1
9) Benzaldehyde	6.85	77	6289	Below Cal		# 13
10) Phenol	6.87	94	64420	3.252	ng	# 88
15) Benzyl Alcohol	7.99	79	21294	1.424	ng	# 45
22) Acetophenone	8.51	105	396	0.017	ng	# 57
24) Nitrobenzene	8.89	77	396	0.021	ng	# 44
25) Isophorone	9.39	82	828	0.028	ng	# 68
31) Naphthalene	10.50	128	827	0.020	ng	# 68
37) 2-Methylnaphthalene	12.14	142	111	0.004	ng	# 15
38) 1-Methylnaphthalene	12.36	142	128	0.005	ng	# 7
46) 1,1'-Biphenyl	13.16	154	3251	0.083	ng	# 82
49) Acenaphthylene	14.05	152	1956	0.043	ng	# 59
50) Dimethylphthalate	13.79	163	113751	2.982	ng	# 100
52) Acenaphthene	14.33	154	1853	0.067	ng	# 4
55) Dibenzofuran	14.73	168	136	0.003	ng	# 44
58) Fluorene	15.39	166	261	0.007	ng	# 95
60) Diethylphthalate	15.16	149	1325	0.034	ng	# 59
63) Azobenzene	15.68	77	520	0.012	ng	# 57
71) Phenanthrene	17.12	178	15129	0.261	ng	# 96
72) Anthracene	17.22	178	2130	0.038	ng	# 65
73) Carbazole	17.50	167	1705	0.029	ng	# 58
74) Di-n-butylphthalate	18.04	149	19179	0.283	ng	# 93
75) Fluoranthene	19.14	202	33618	0.502	ng	# 97
78) Pyrene	19.51	202	33580	0.457	ng	# 97
80) Butylbenzylphthalate	20.42	149	2876	0.086	ng	# 89
81) Benzo(a)anthracene	21.26	228	21769	0.295	ng	# 95
82) 3,3'-Dichlorobenzidine	21.20	252	237	0.008	ng	# 1
83) Chrysene	21.31	228	23783	0.336	ng	# 96
84) Bis(2-ethylhexyl)phthalate	21.18	149	7997	0.163	ng	# 99
85) Di-n-octyl phthalate	22.06	149	1335	0.016	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.79	276	13093	0.160	ng	# 91
88) Benzo(b)fluoranthene	22.84	252	38424	0.520	ng	# 79

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

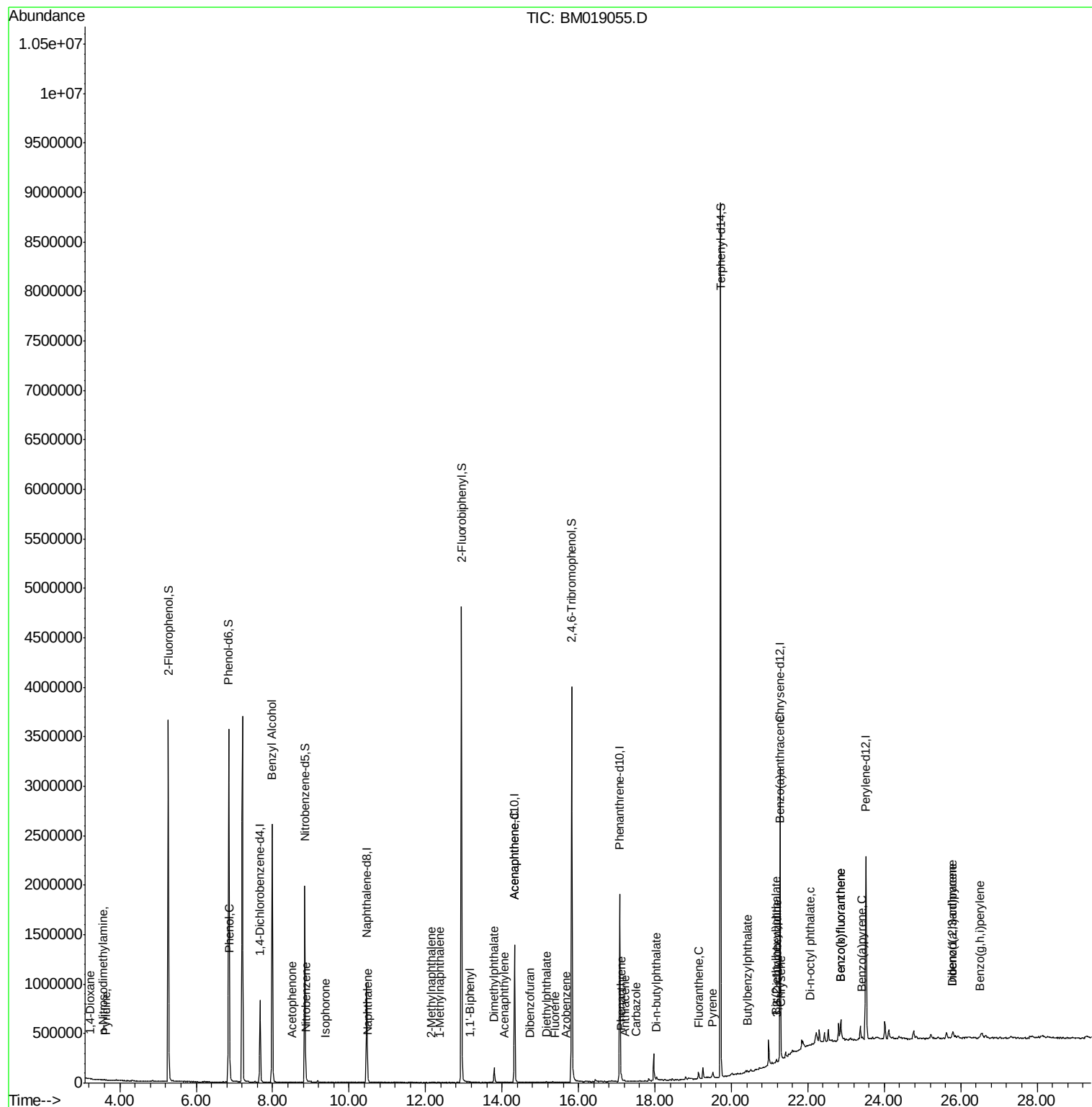
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	22.84	252	38012	0.517	ng	# 79
90) Benzo(a)pyrene	23.42	252	17765	0.254	ng	# 74
91) Dibenzo(a,h)anthracene	25.80	278	3654	0.053	ng	# 19
92) Benzo(g,h,i)perylene	26.50	276	13623	0.211	ng	95

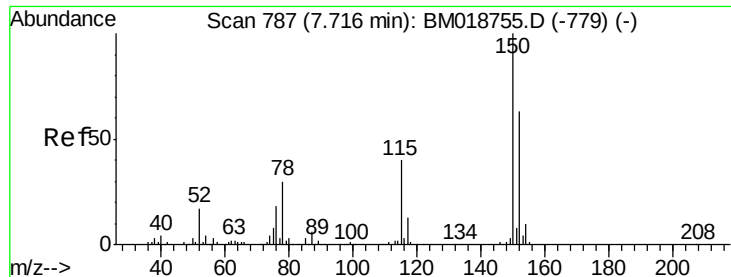
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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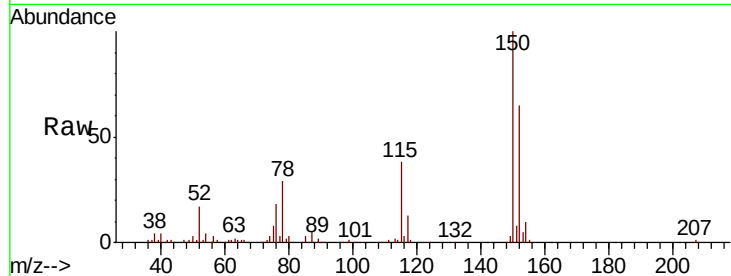


#1

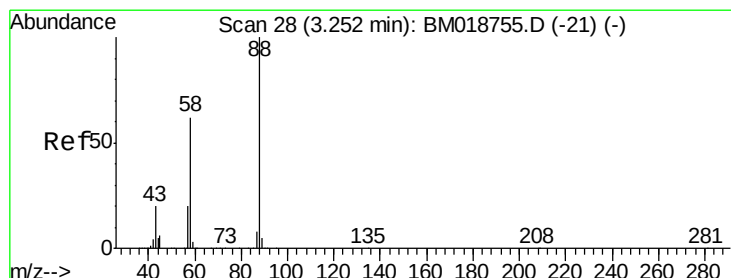
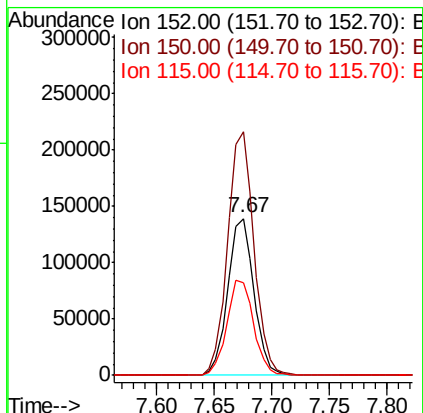
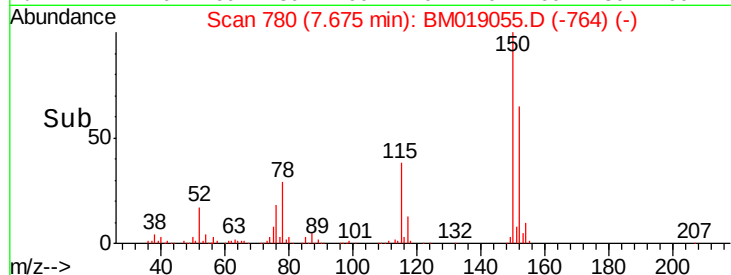
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Instrument :
BNA_M
ClientSampleId :
PST-028-SW001-022719

Tgt Ion:152 Resp: 218936
Ion Ratio Lower Upper
152 100
150 154.9 127.3 190.9
115 58.8 50.8 76.2



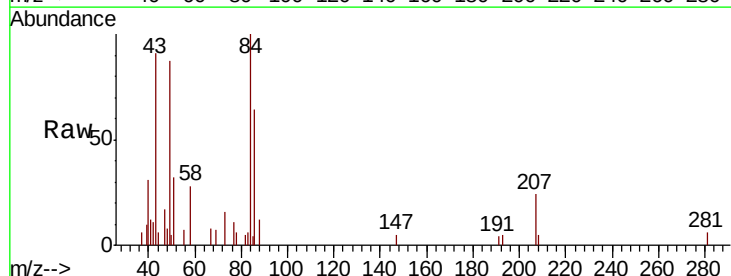
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



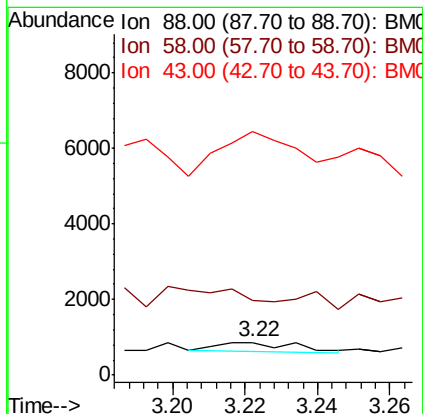
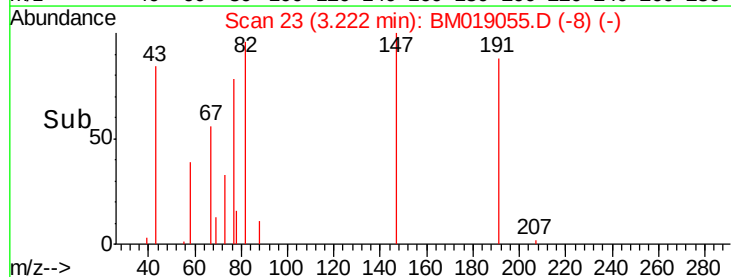
#2

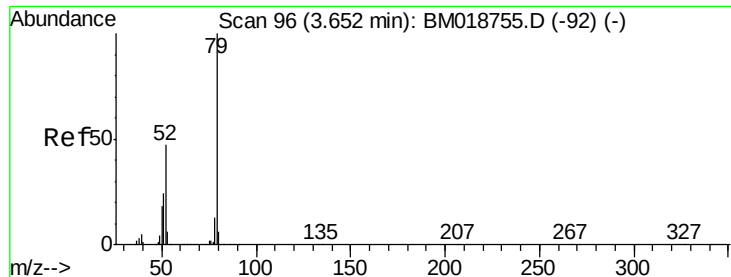
1,4-Dioxane
Concen: 0.061 ng
RT: 3.22 min Scan# 23
Delta R.T. -0.01 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Tgt Ion: 88 Resp: 353
Ion Ratio Lower Upper
88 100
58 0.0 49.8 74.6#
43 471.7 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: 0.041 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

BNA_M

ClientSampleId :

PST-028-SW001-022719

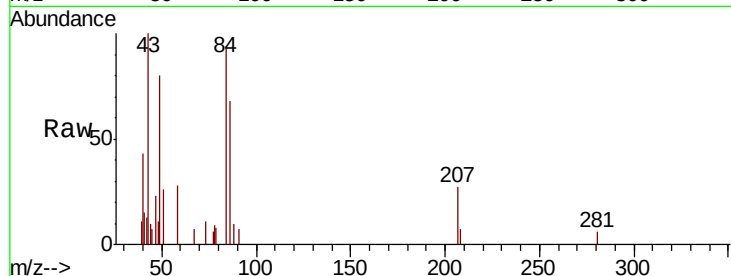
Tgt Ion: 79 Resp: 644

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

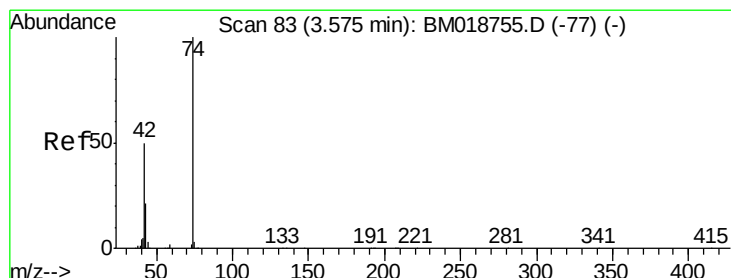
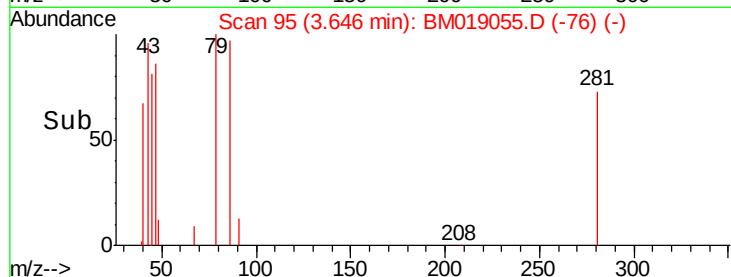
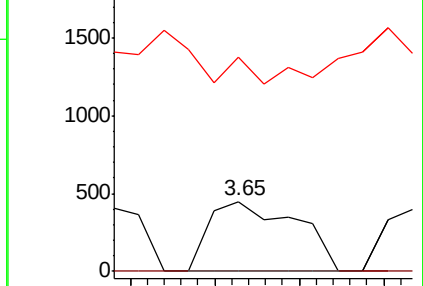
51 306.0 19.7 29.5#



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: 0.070 ng

RT: 3.56 min Scan# 80

Delta R.T. -0.00 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

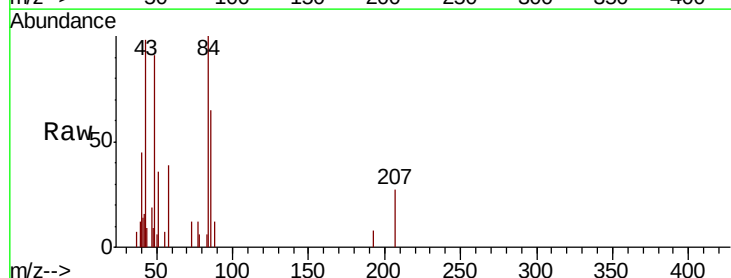
Tgt Ion: 42 Resp: 282

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

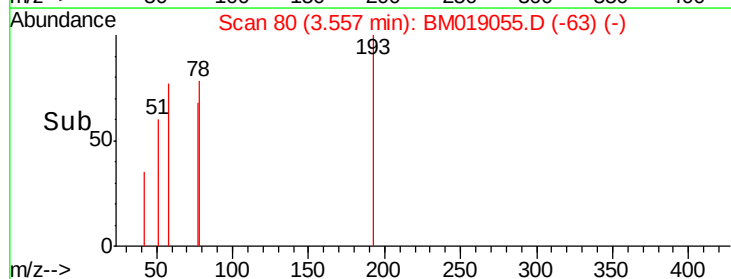
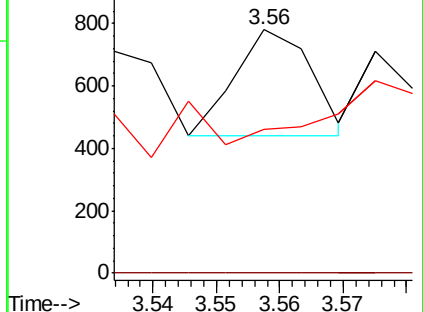
44 58.8 4.9 7.3#

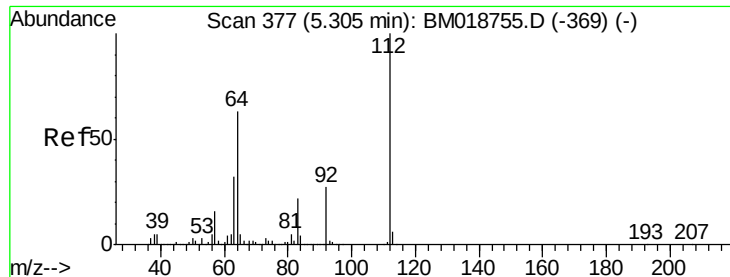


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 112.206 ng

RT: 5.27 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

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PST-028-SW001-022719

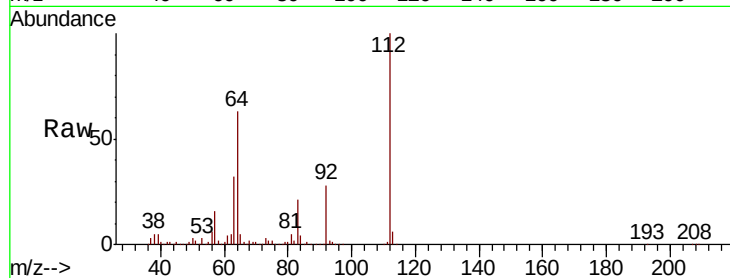
Tgt Ion:112 Resp: 1499321

Ion Ratio Lower Upper

112 100

64 63.0 50.6 75.8

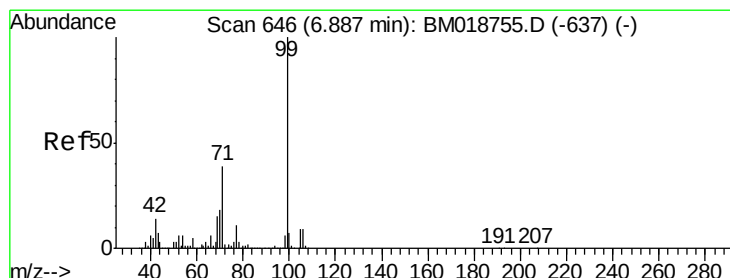
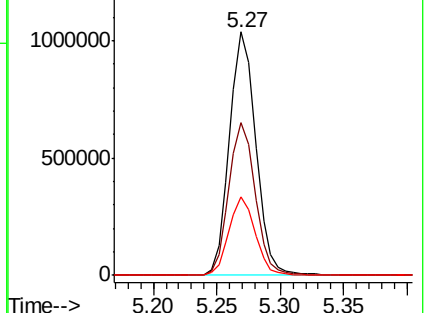
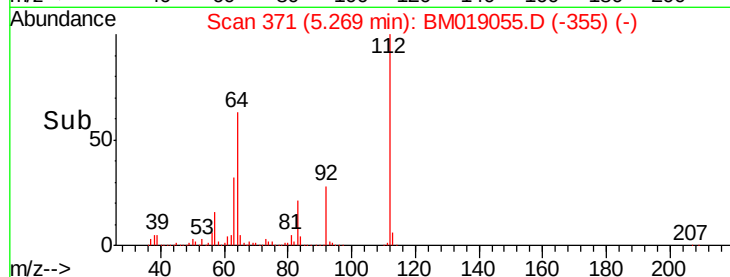
63 32.2 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#7

Phenol-d6

Concen: 108.793 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

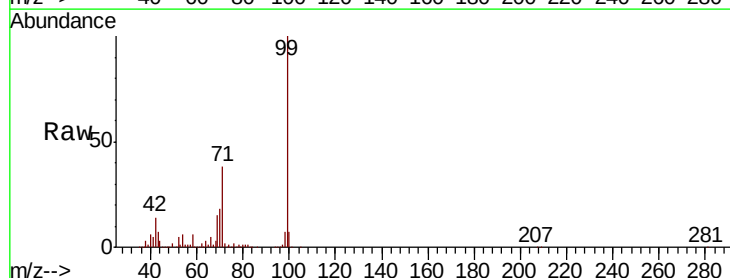
Tgt Ion: 99 Resp: 2047919

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

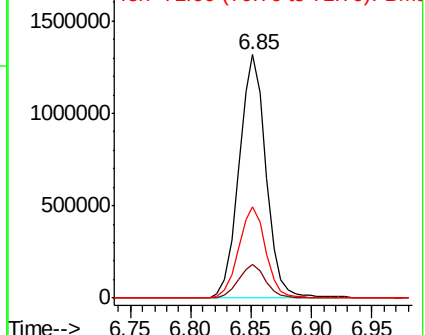
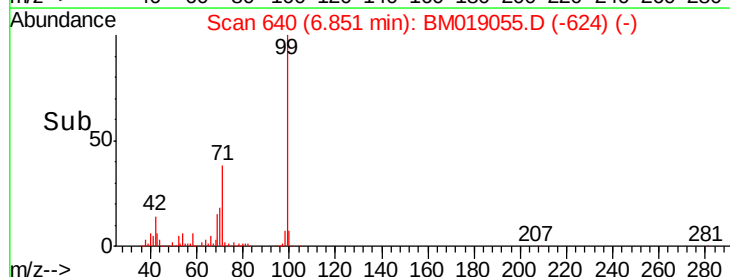
71 37.7 31.3 46.9

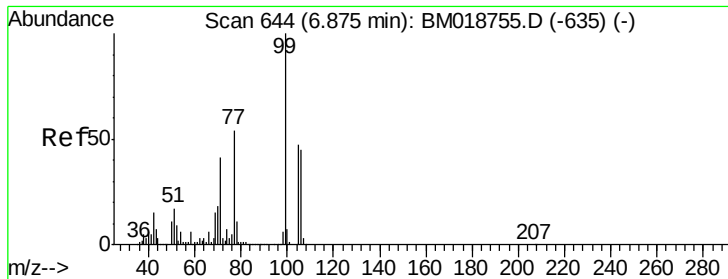


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.85 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

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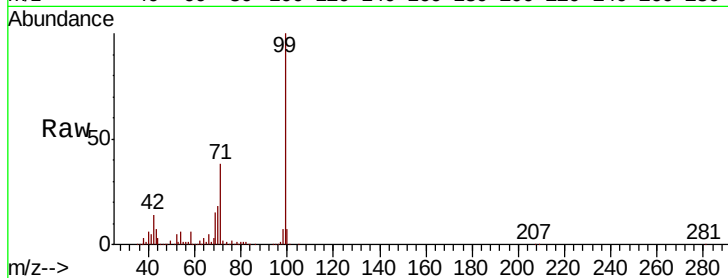
Tgt Ion: 77 Resp: 6289

Ion Ratio Lower Upper

77 100

105 11.3 67.3 107.3#

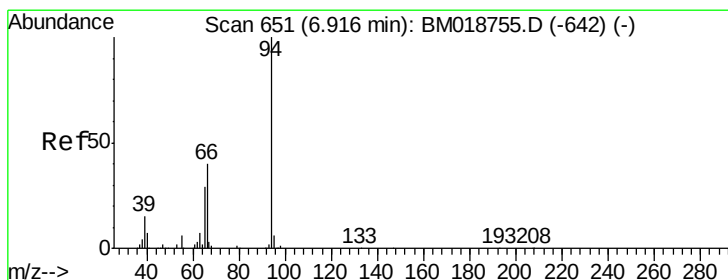
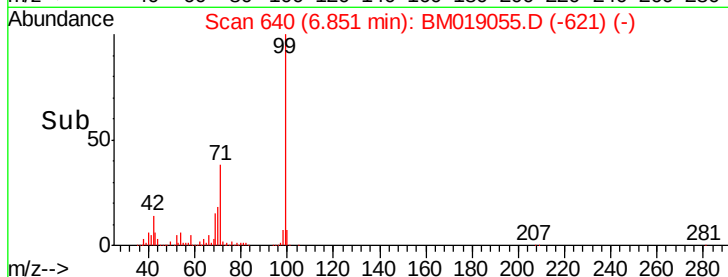
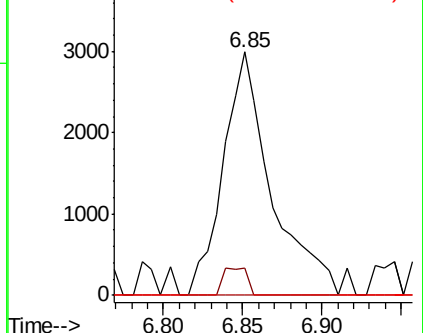
106 0.0 62.9 102.9#



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)



#10

Phenol

Concen: 3.252 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

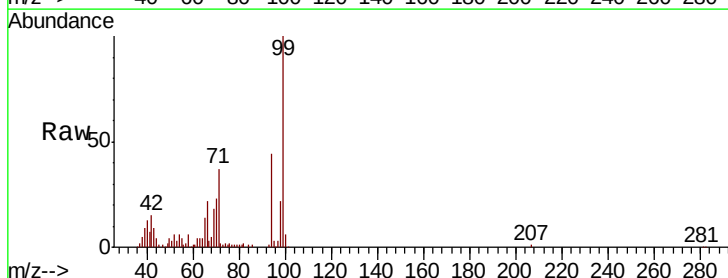
Tgt Ion: 94 Resp: 64420

Ion Ratio Lower Upper

94 100

65 31.9 9.6 49.6

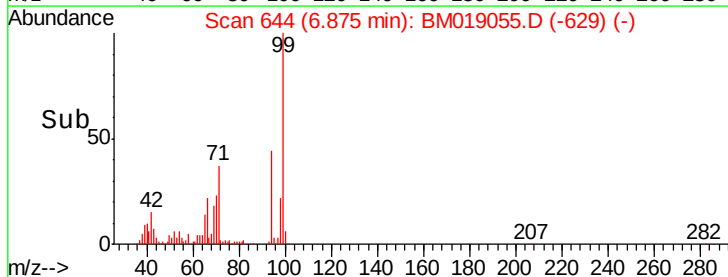
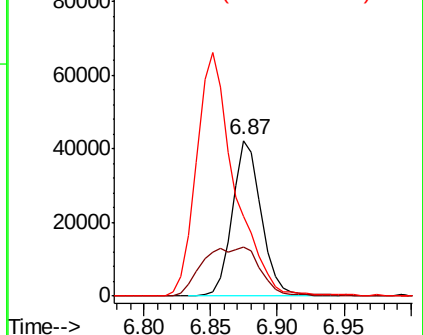
66 51.0 20.4 60.4

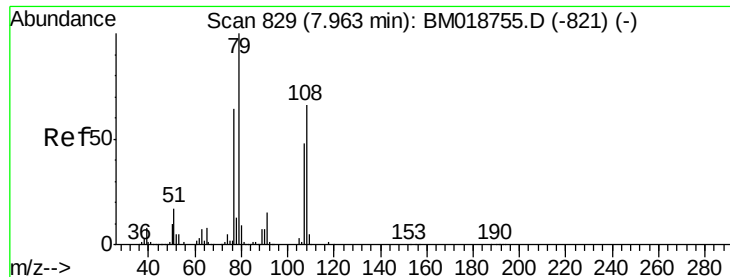


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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: 1.424 ng

RT: 7.99 min Scan# 833

Delta R.T. 0.05 min

Lab File: BM019055.D

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PST-028-SW001-022719

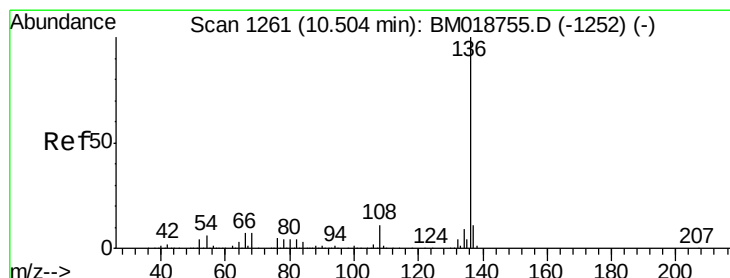
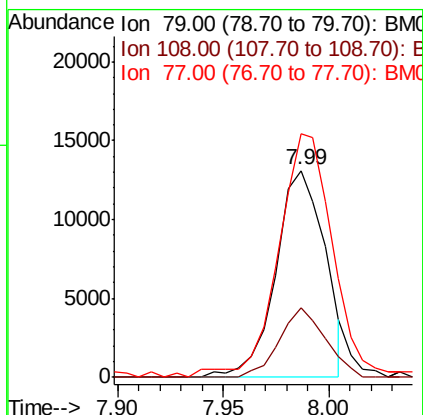
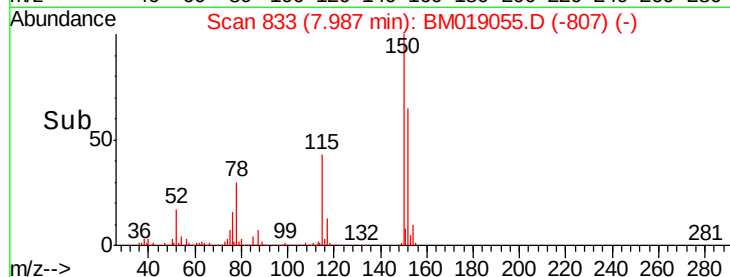
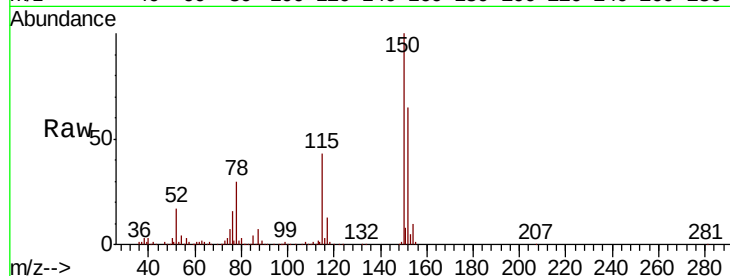
Tgt Ion: 79 Resp: 21294

Ion Ratio Lower Upper

79 100

108 33.8 52.7 79.1#

77 117.7 51.0 76.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Tgt Ion: 136 Resp: 842556

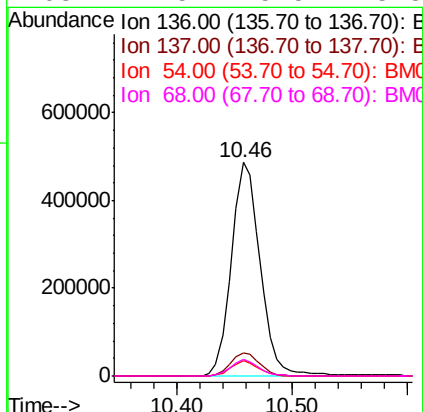
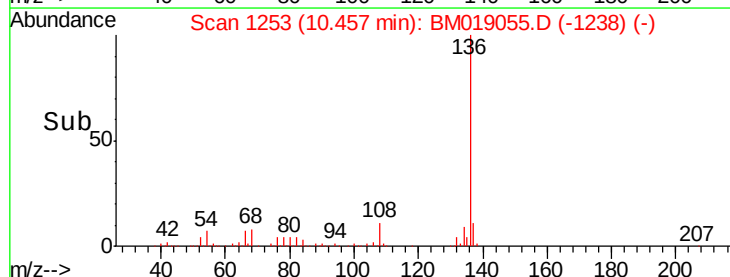
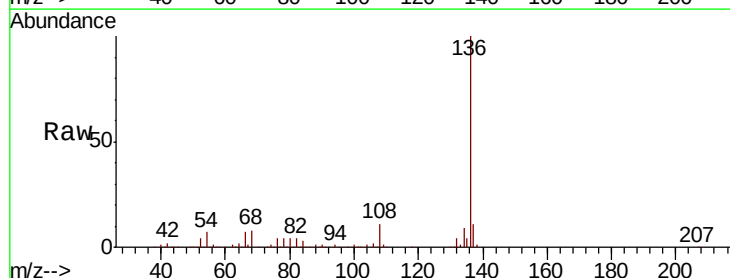
Ion Ratio Lower Upper

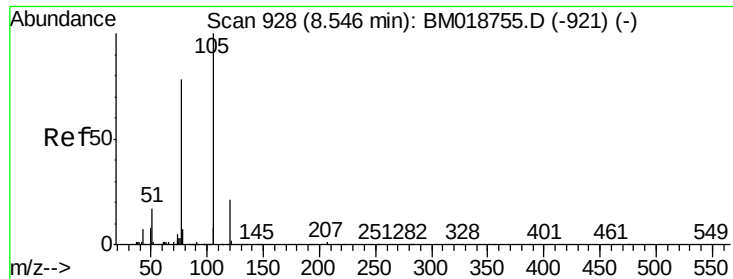
136 100

137 10.9 8.8 13.2

54 7.0 5.0 7.6

68 7.5 5.5 8.3

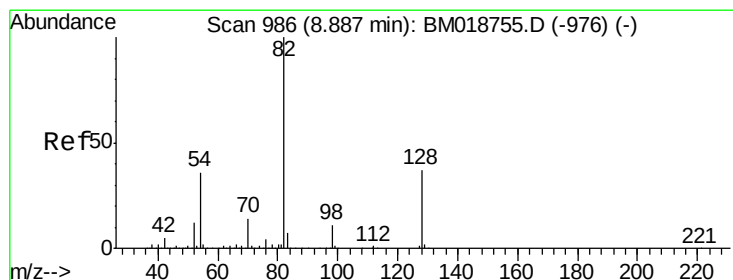
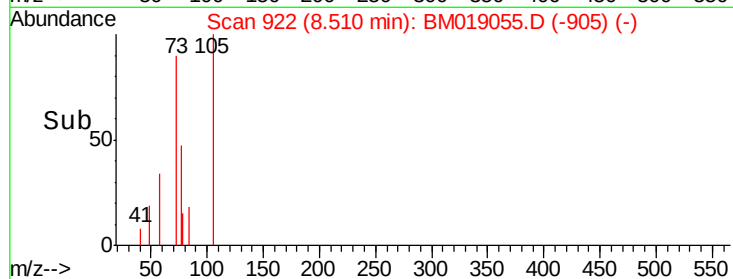
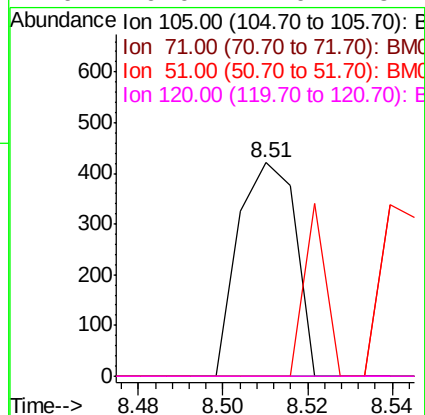
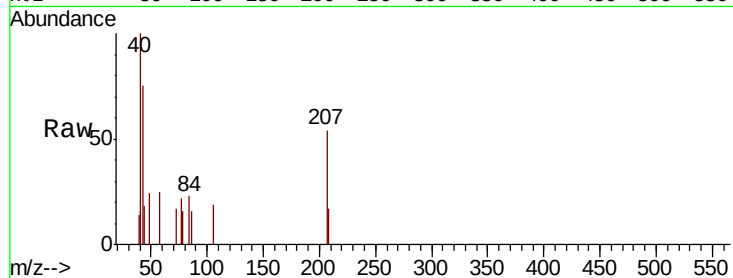




#22
Acetophenone
Concen: 0.017 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

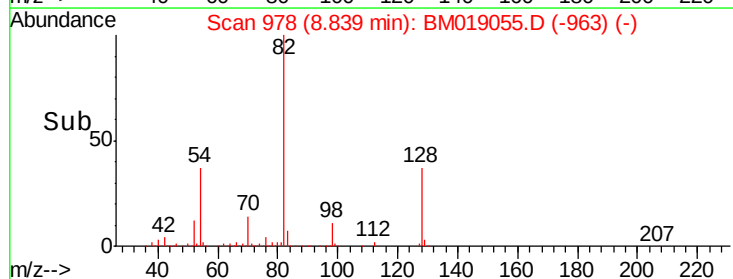
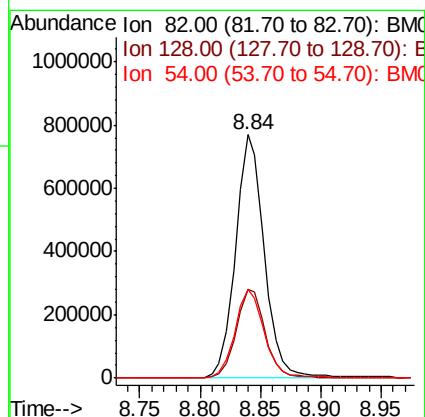
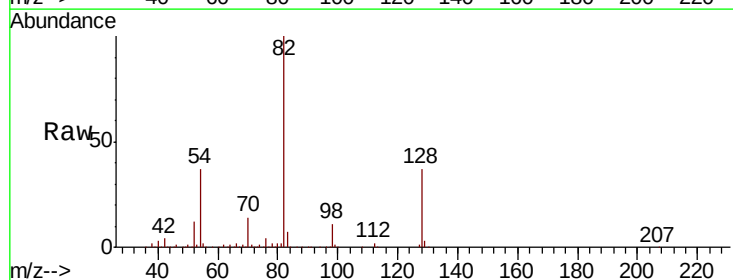
Instrument :
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ClientSampleId :
PST-028-SW001-022719

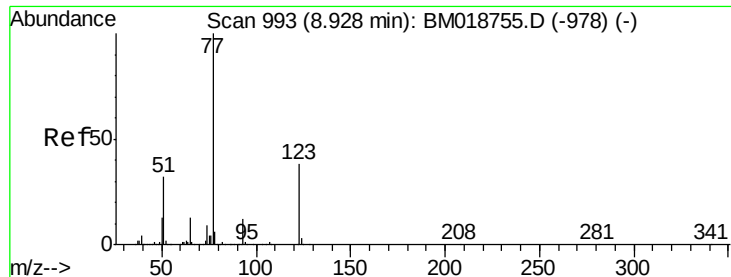
Tgt Ion:	105	Resp:	396
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	0.0	15.5	23.3#
120	0.0	17.0	25.4#



#23
Nitrobenzene-d5
Concen: 70.272 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Tgt Ion:	82	Resp:	1280498
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.9	44.9
54	36.5	29.1	43.7

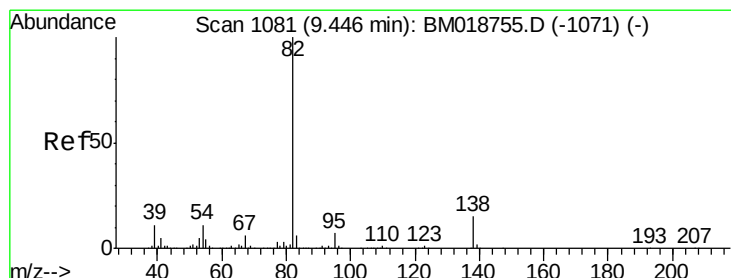
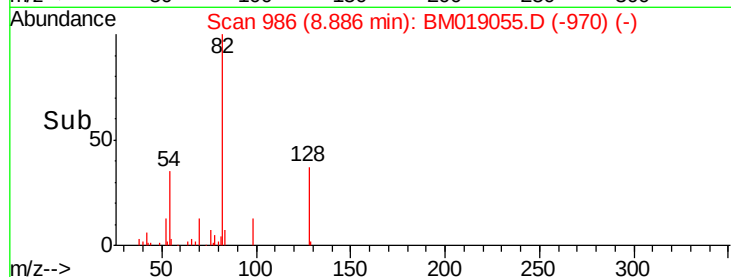
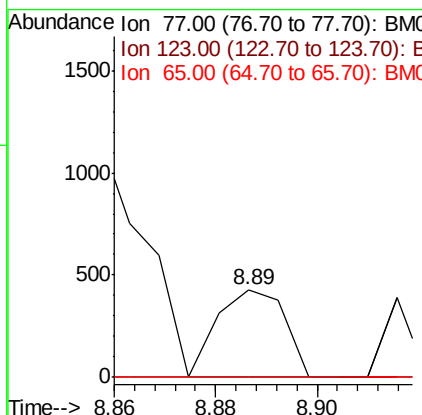
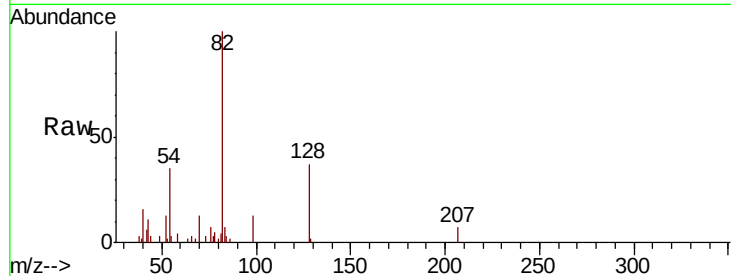




#24
 Nitrobenzene
 Concen: 0.021 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BM019055.D
 Acq: 06 Mar 2019 03:39

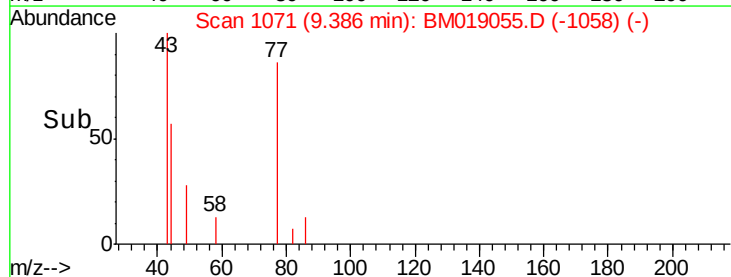
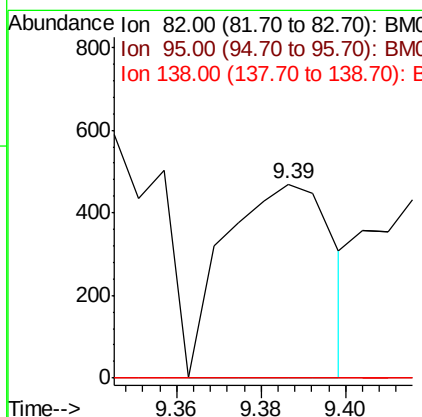
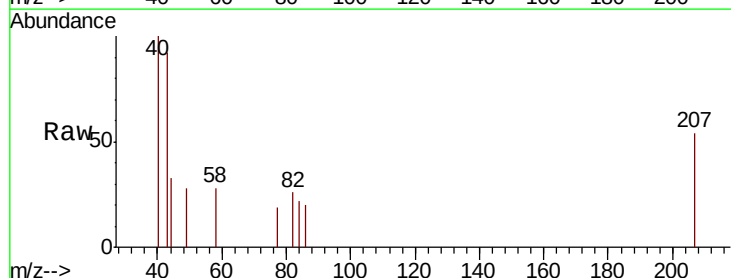
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW001-022719

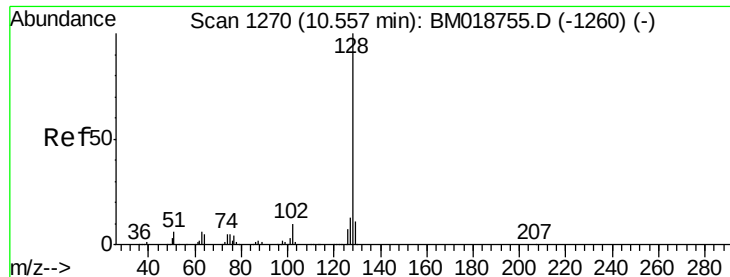
Tgt Ion: 77 Resp: 396
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.7 46.1#
 65 0.0 10.5 15.7#



#25
 Isophorone
 Concen: 0.028 ng
 RT: 9.39 min Scan# 1071
 Delta R.T. -0.02 min
 Lab File: BM019055.D
 Acq: 06 Mar 2019 03:39

Tgt Ion: 82 Resp: 828
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 12.3 18.5#

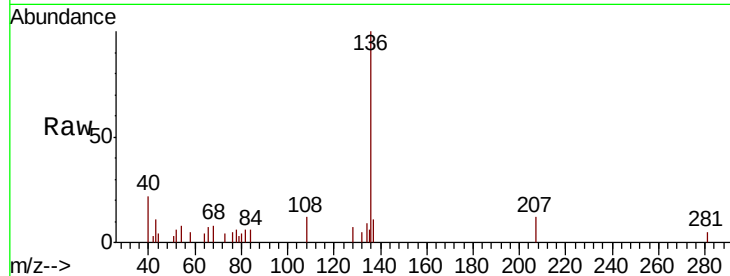




#31
Naphthalene
Concen: 0.020 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

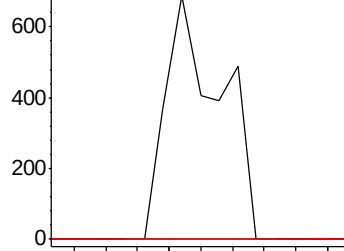
Instrument :
BNA_M
ClientSampleId :
PST-028-SW001-022719

Tgt Ion:128 Resp: 827
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.7 16.1#

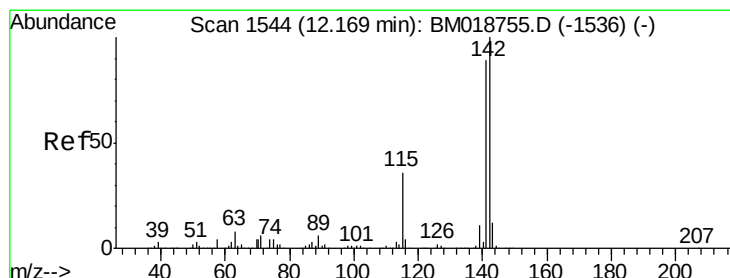
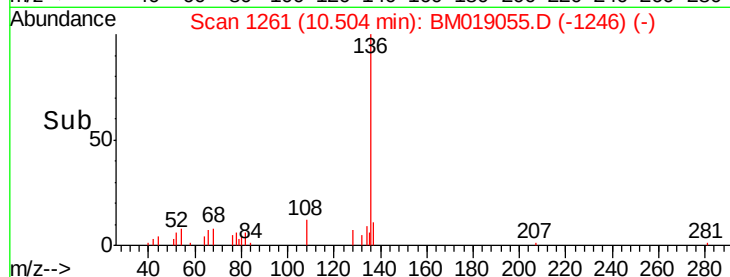


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

10.50

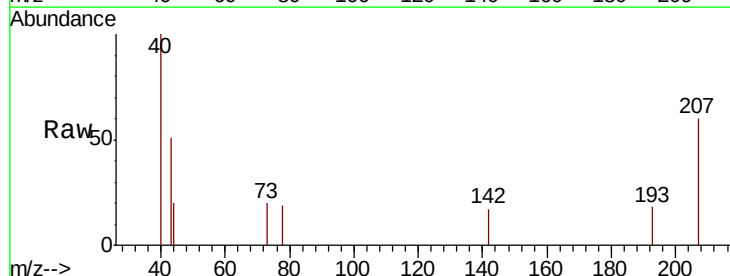


Time-->



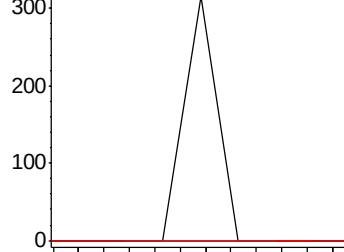
#37
2-Methylnaphthalene
Concen: 0.004 ng
RT: 12.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Tgt Ion:142 Resp: 111
Ion Ratio Lower Upper
142 100
141 0.0 71.2 106.8#
115 0.0 29.1 43.7#

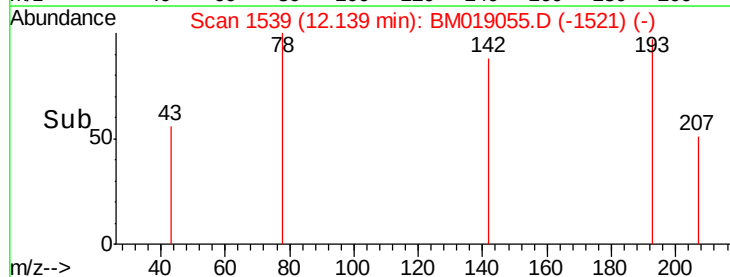


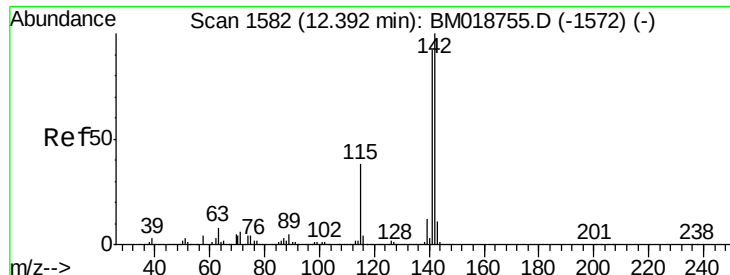
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

12.14



Time-->





#38

1-Methylnaphthalene

Concen: 0.005 ng

RT: 12.36 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

BNA_M

ClientSampleId :

PST-028-SW001-022719

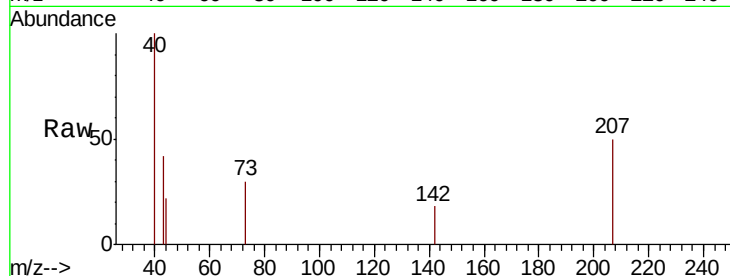
Tgt Ion:142 Resp: 128

Ion Ratio Lower Upper

142 100

141 0.0 73.9 110.9#

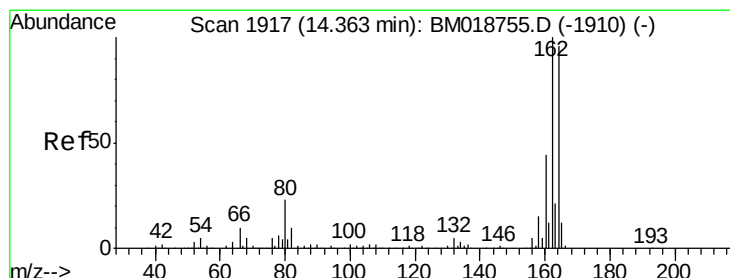
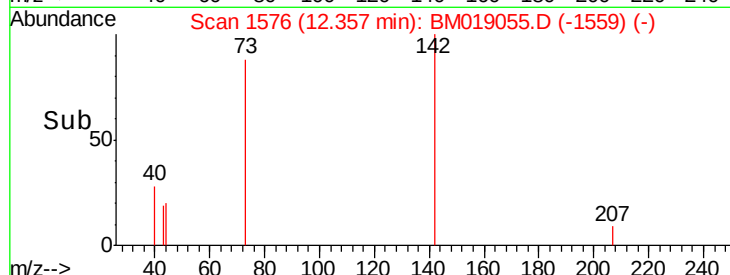
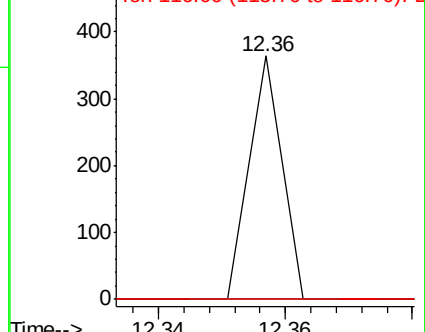
116 0.0 3.0 4.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

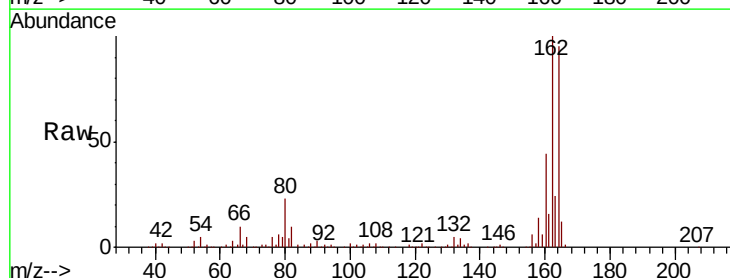
Tgt Ion:164 Resp: 457656

Ion Ratio Lower Upper

164 100

162 105.0 83.4 125.0

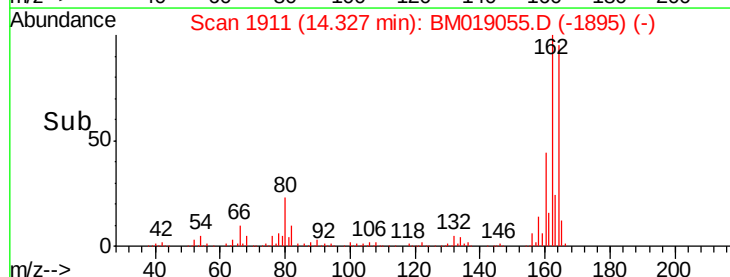
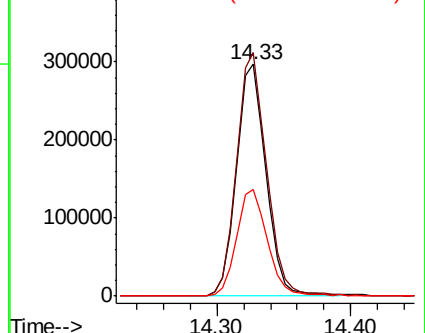
160 45.9 36.6 55.0

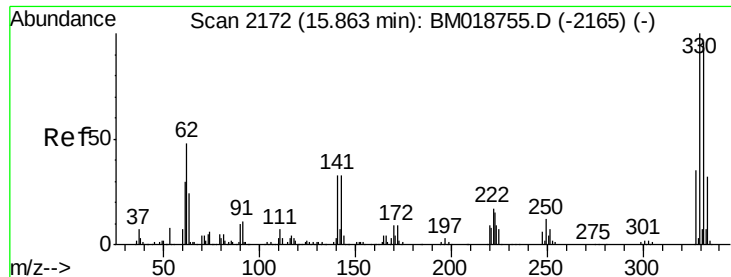


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

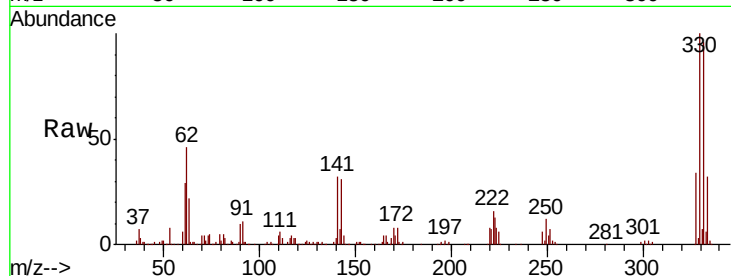




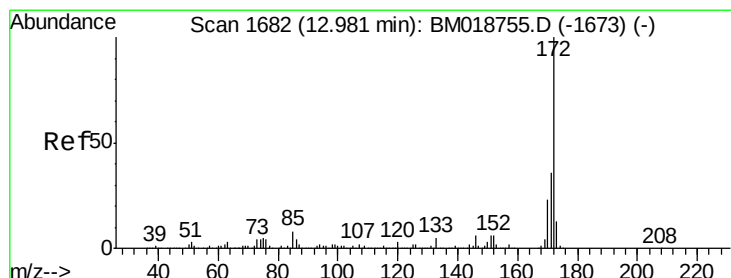
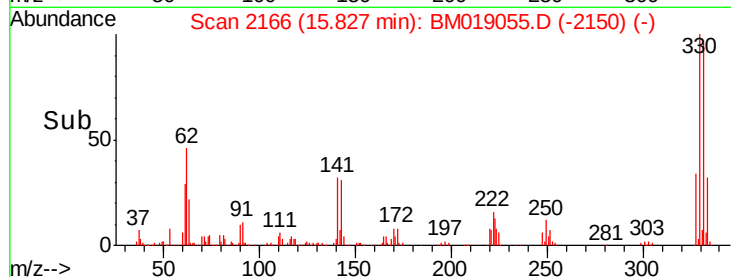
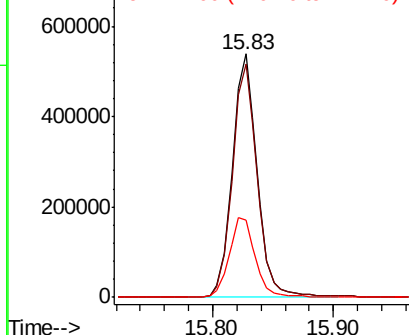
#42
 2,4,6-Tribromophenol
 Concen: 116.944 ng
 RT: 15.83 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BM019055.D
 Acq: 06 Mar 2019 03:39

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW001-022719

Tgt Ion:330 Resp: 771476
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 34.5 28.7 43.1

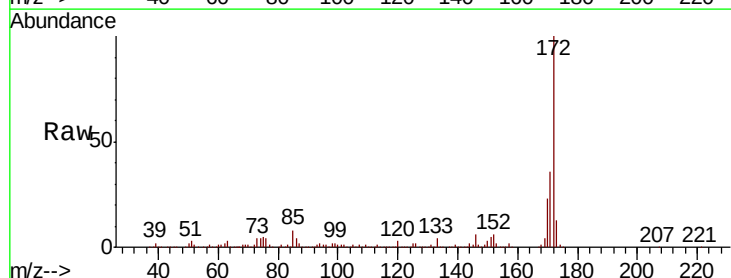


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

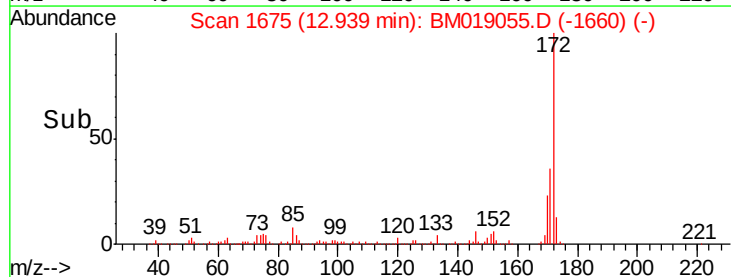
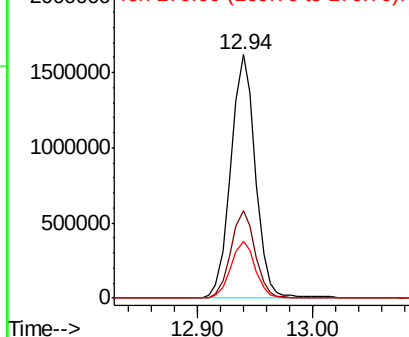


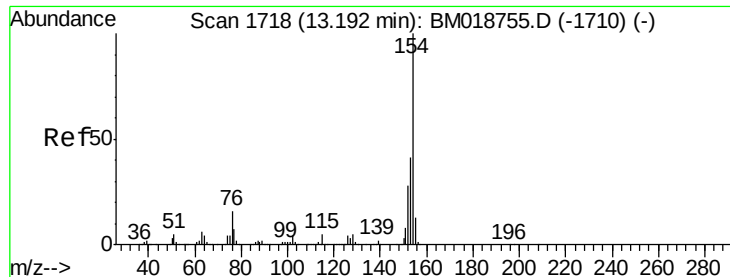
#45
 2-Fluorobiphenyl
 Concen: 69.346 ng
 RT: 12.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM019055.D
 Acq: 06 Mar 2019 03:39

Tgt Ion:172 Resp: 2390740
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.3 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

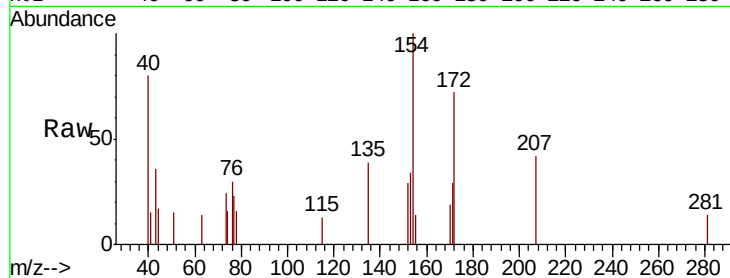




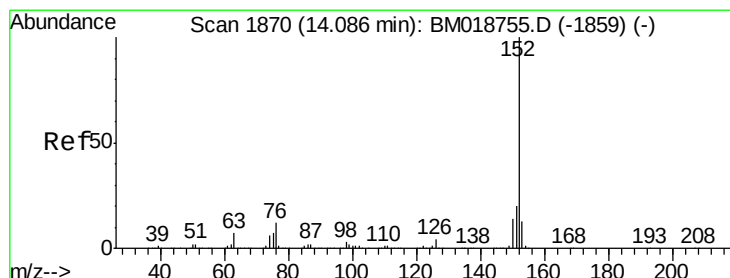
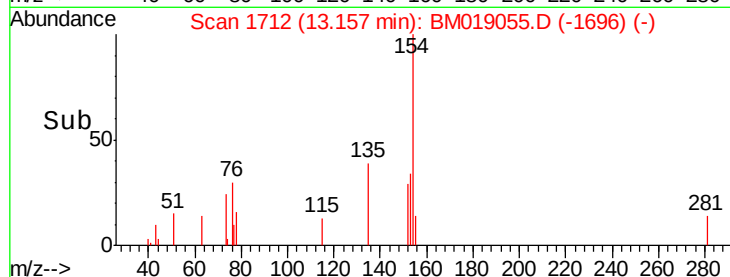
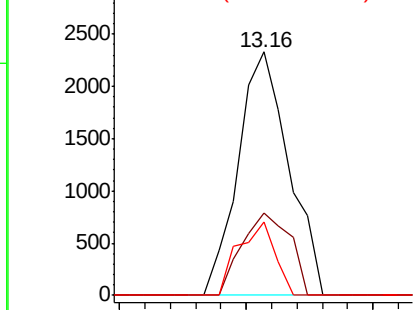
#46
 1,1'-Biphenyl
 Concen: 0.083 ng
 RT: 13.16 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BM019055.D
 Acq: 06 Mar 2019 03:39

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW001-022719

Tgt Ion:154 Resp: 3251
 Ion Ratio Lower Upper
 154 100
 153 34.0 21.1 61.1
 76 30.3 0.0 35.7

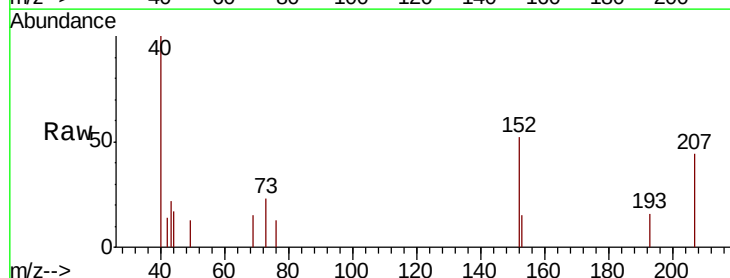


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

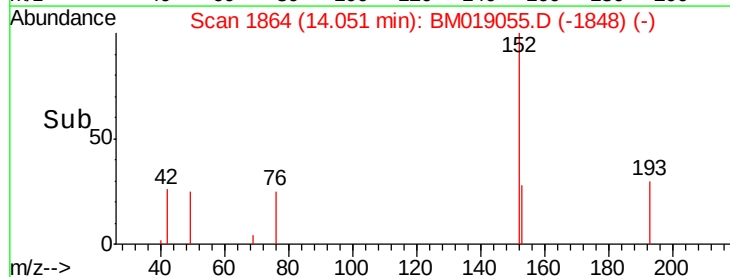
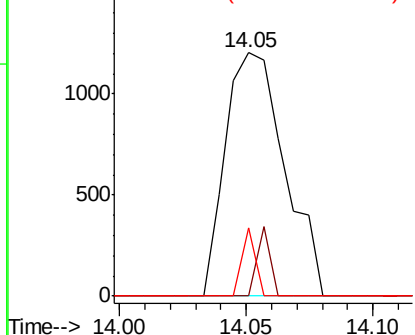


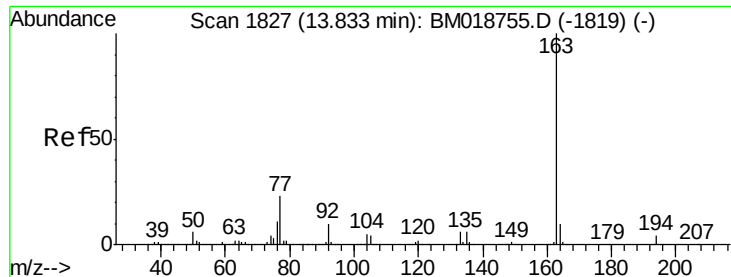
#49
 Acenaphthylene
 Concen: 0.043 ng
 RT: 14.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BM019055.D
 Acq: 06 Mar 2019 03:39

Tgt Ion:152 Resp: 1956
 Ion Ratio Lower Upper
 152 100
 151 0.0 15.8 23.8#
 153 28.2 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: 2.982 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

BNA_M

ClientSampleId :

PST-028-SW001-022719

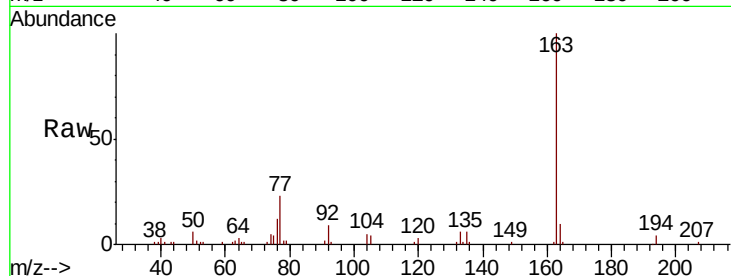
Tgt Ion:163 Resp: 113751

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

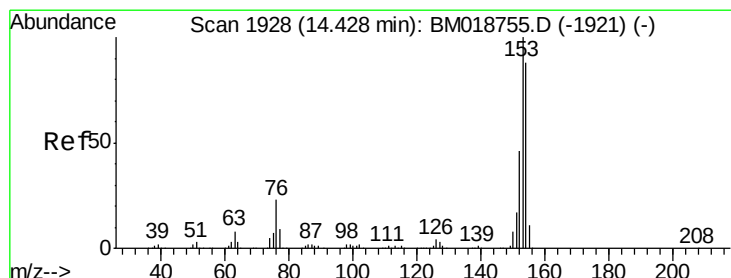
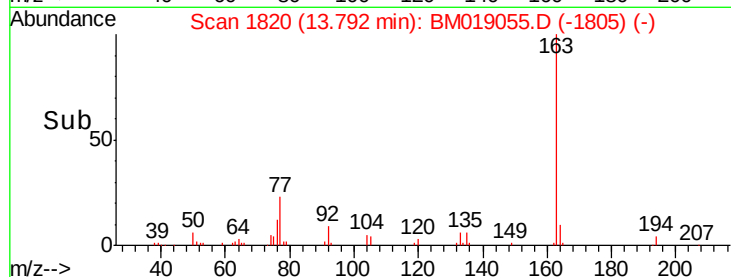
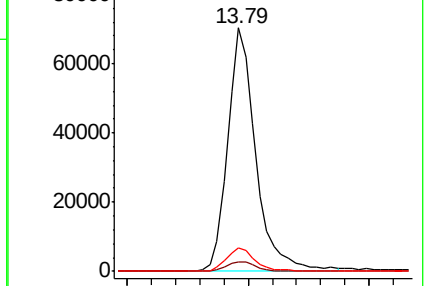
164 9.6 7.8 11.8



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: 0.067 ng

RT: 14.33 min Scan# 1911

Delta R.T. -0.07 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

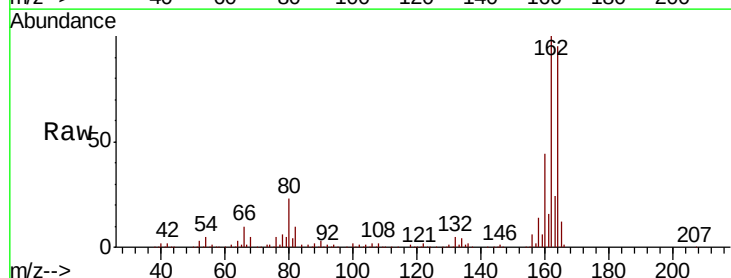
Tgt Ion:154 Resp: 1853

Ion Ratio Lower Upper

154 100

153 0.0 91.3 136.9#

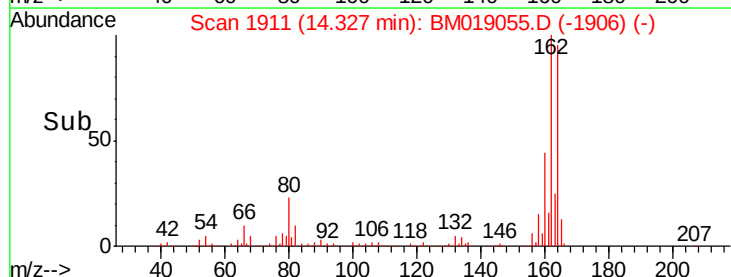
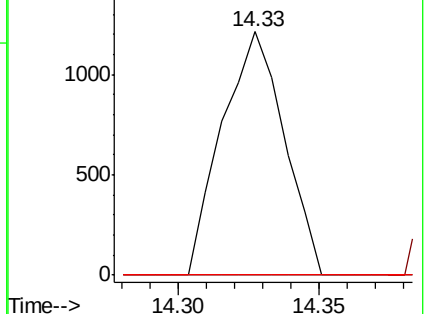
152 0.0 42.2 63.4#

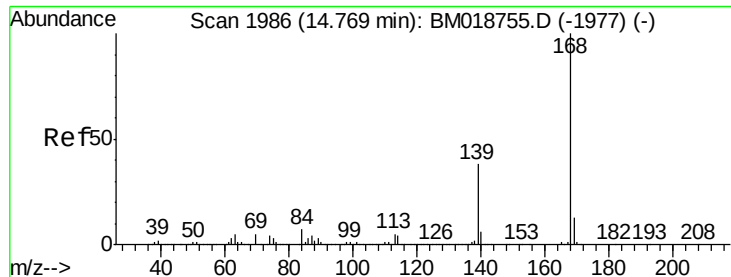


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzofuran

Concen: 0.003 ng

RT: 14.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

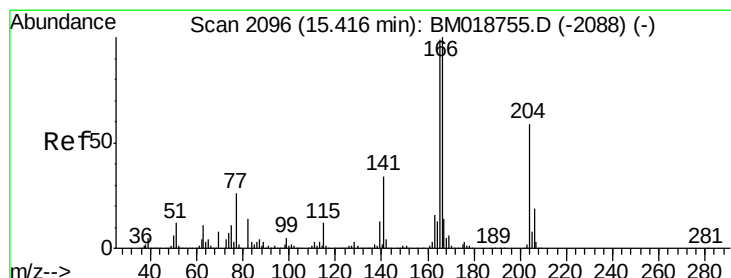
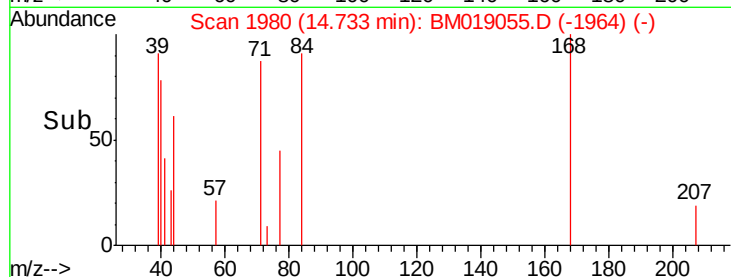
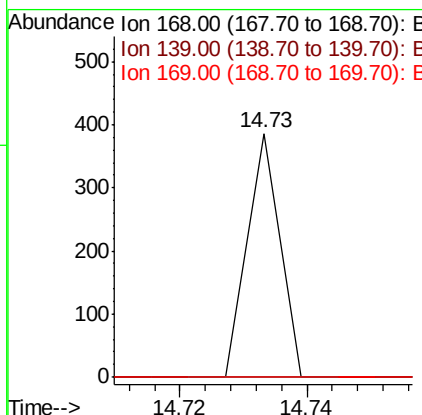
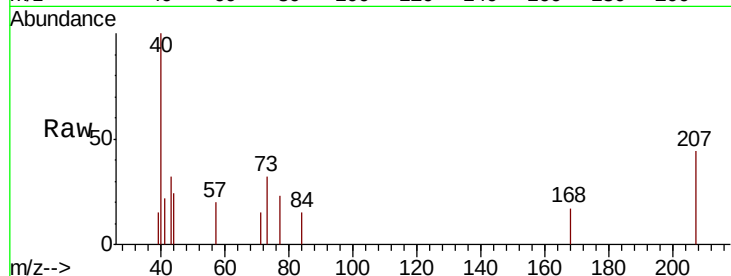
BNA_M

ClientSampleId :

PST-028-SW001-022719

Tgt Ion:168 Resp: 136

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.7	46.1#
169	0.0	10.3	15.5#



#58

Fluorene

Concen: 0.007 ng

RT: 15.39 min Scan# 2091

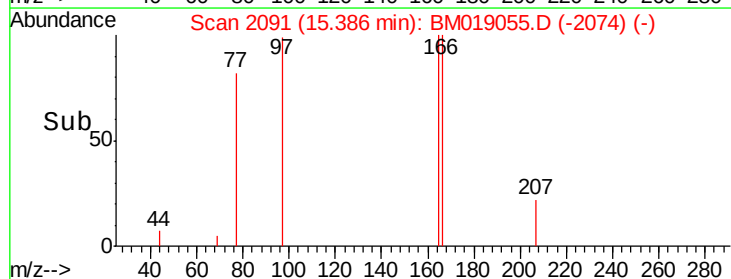
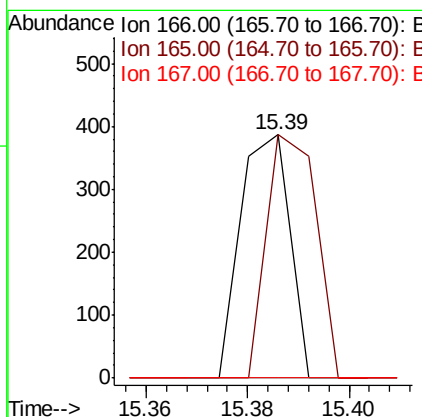
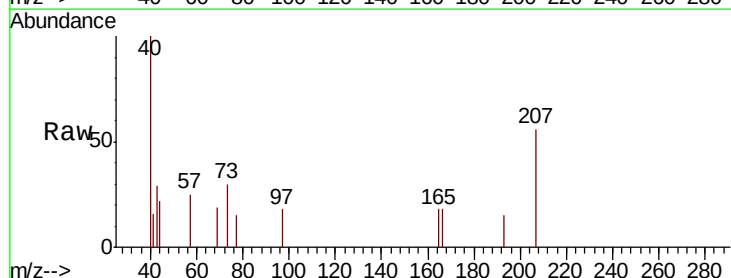
Delta R.T. -0.00 min

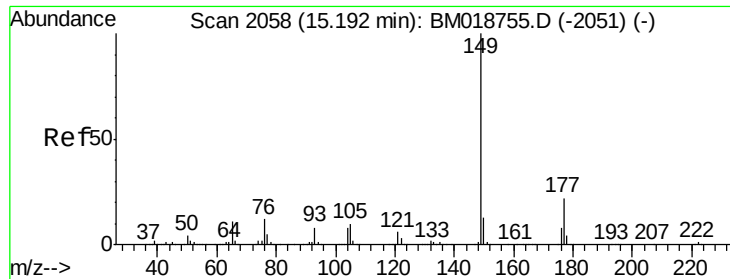
Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Tgt Ion:166 Resp: 261

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.1	118.7
167	0.0	11.0	16.4#

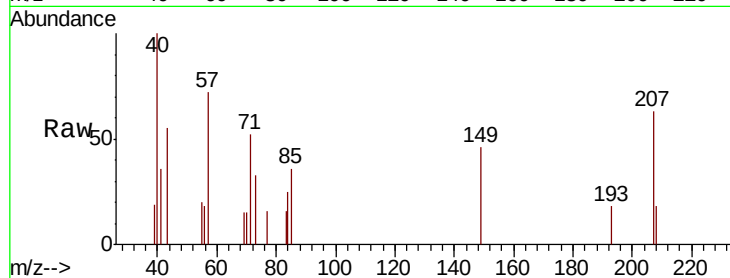




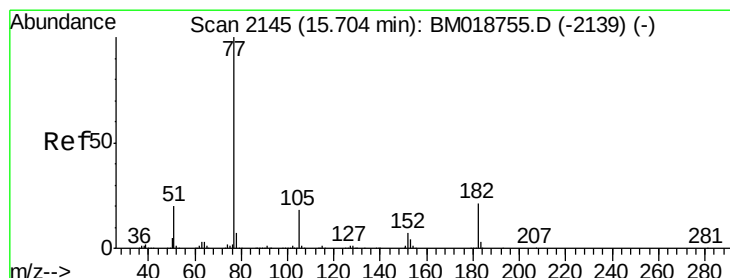
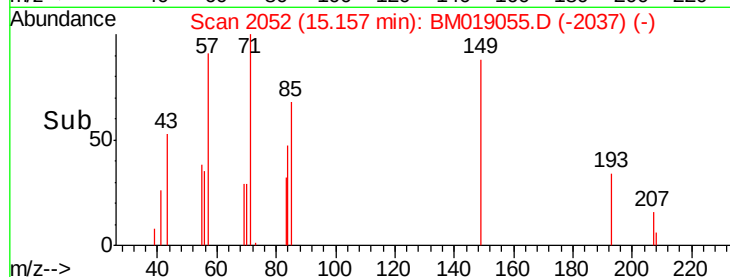
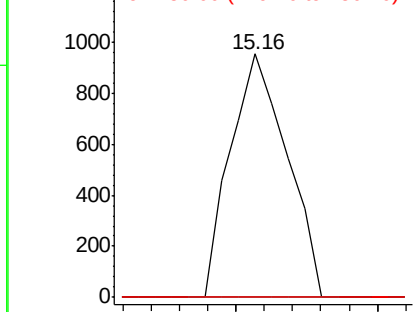
#60
Diethylphthalate
Concen: 0.034 ng
RT: 15.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Instrument :
BNA_M
ClientSampleId :
PST-028-SW001-022719

Tgt Ion: 149 Resp: 1325
Ion Ratio Lower Upper
149 100
177 0.0 17.2 25.8#
150 0.0 10.2 15.2#

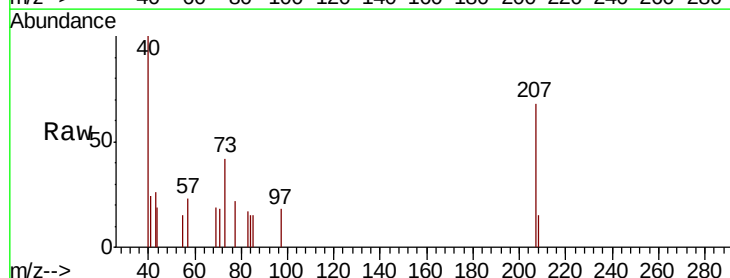


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

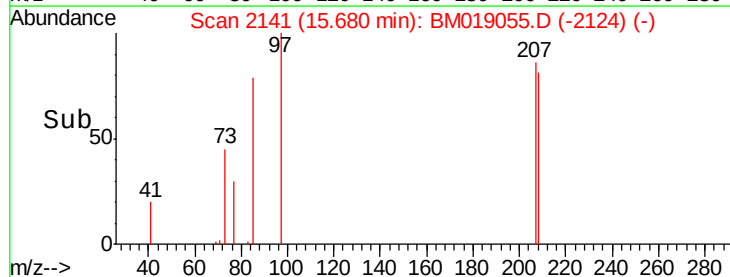
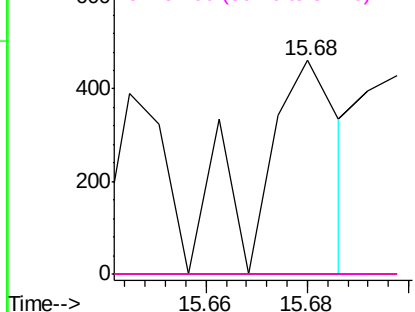


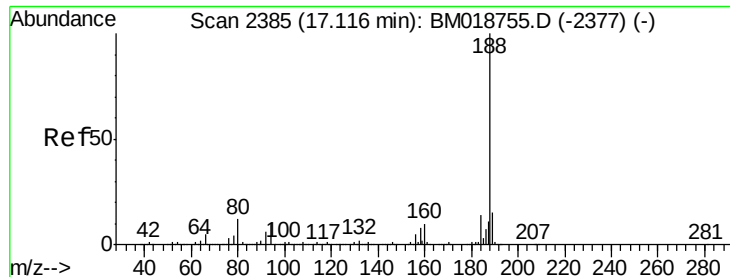
#63
Azobenzene
Concen: 0.012 ng
RT: 15.68 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Tgt Ion: 77 Resp: 520
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): 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

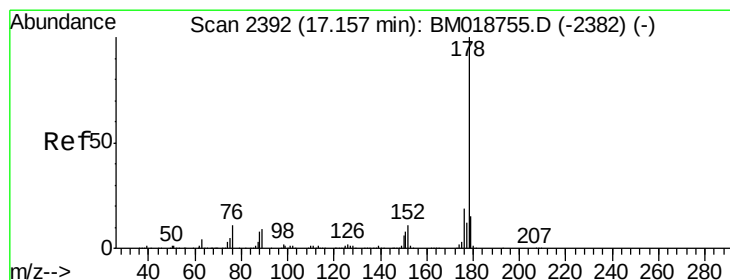
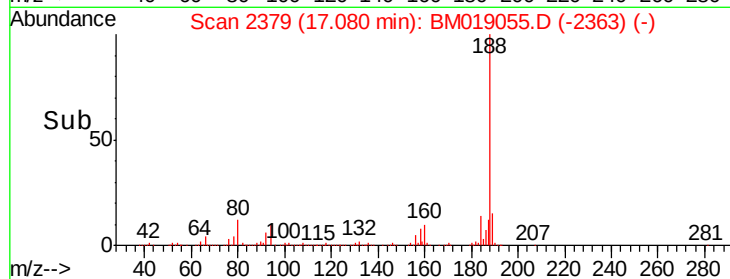
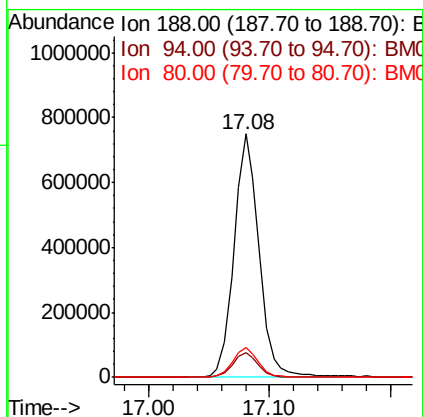
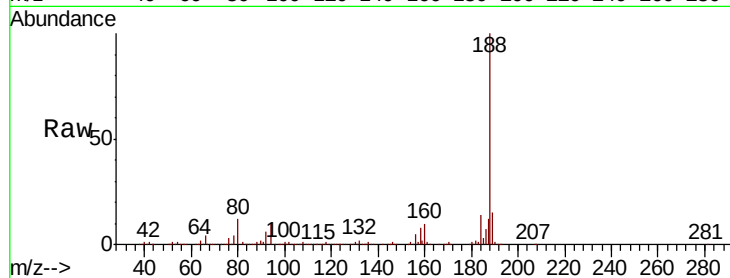




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

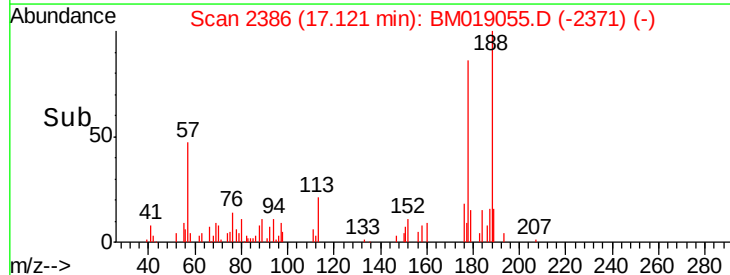
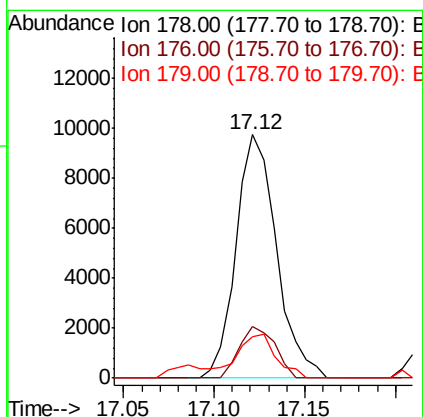
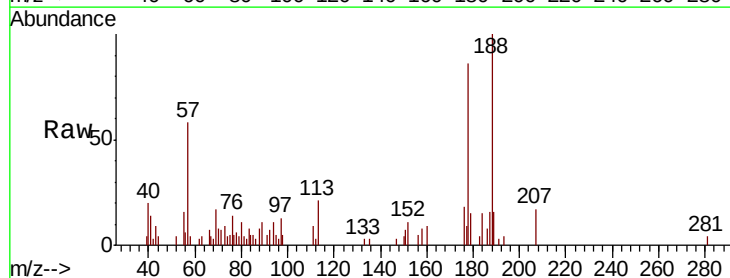
Instrument :
BNA_M
ClientSampleId :
PST-028-SW001-022719

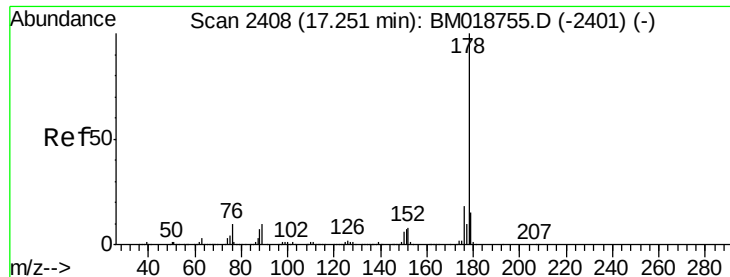
Tgt Ion:188 Resp: 1079220
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.4 9.7 14.5



#71
Phenanthrene
Concen: 0.261 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Tgt Ion:178 Resp: 15129
Ion Ratio Lower Upper
178 100
176 21.0 15.4 23.0
179 16.8 12.3 18.5





#72

Anthracene

Concen: 0.038 ng

RT: 17.22 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

BNA_M

ClientSampleId :

PST-028-SW001-022719

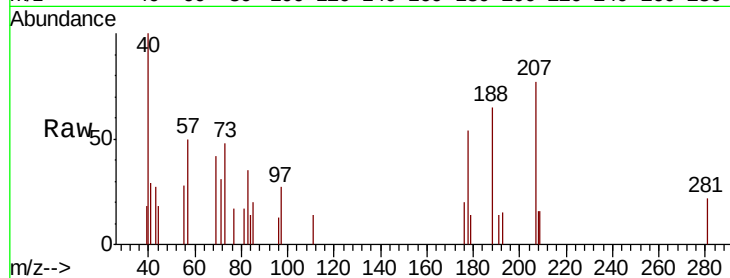
Tgt Ion:178 Resp: 2130

Ion Ratio Lower Upper

178 100

176 37.5 14.8 22.2#

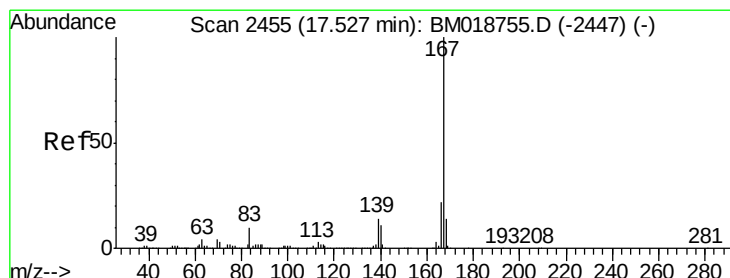
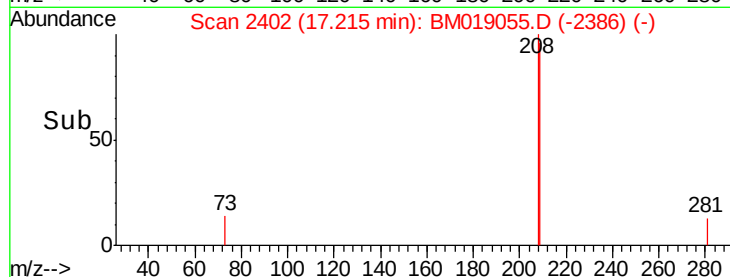
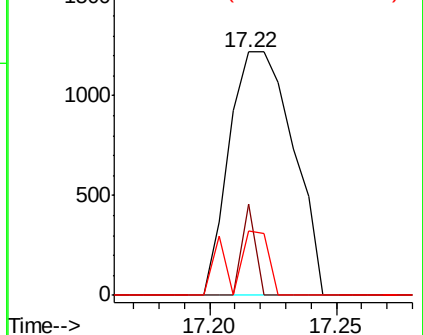
179 26.2 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.029 ng

RT: 17.50 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

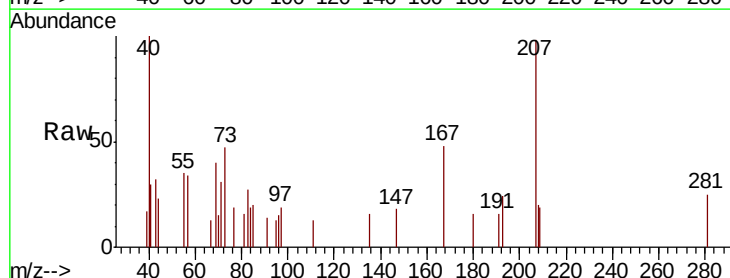
Tgt Ion:167 Resp: 1705

Ion Ratio Lower Upper

167 100

166 0.0 17.7 26.5#

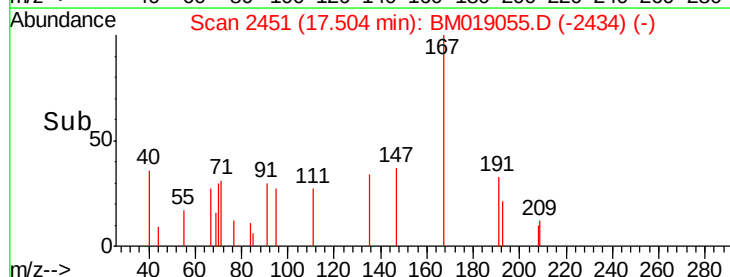
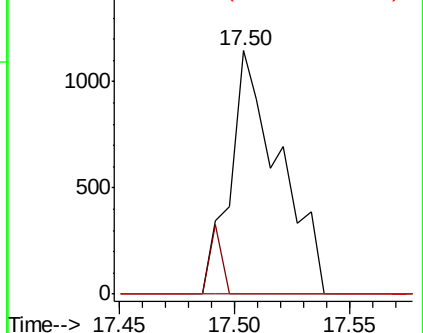
139 0.0 10.9 16.3#

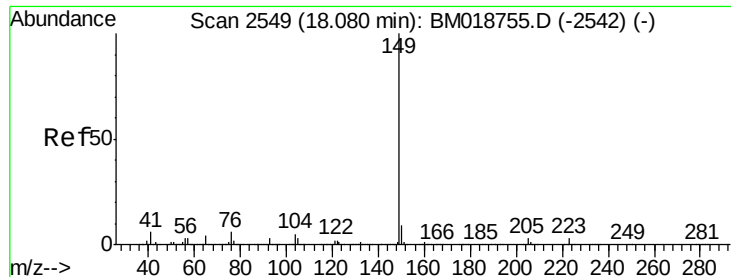


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

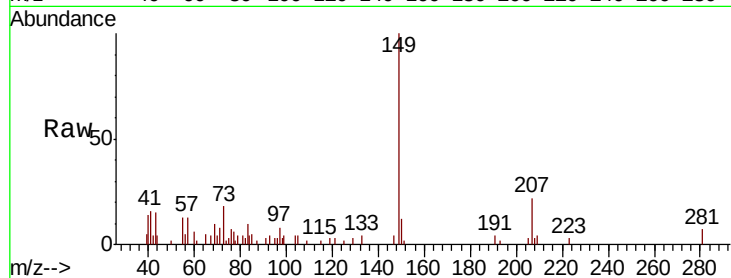




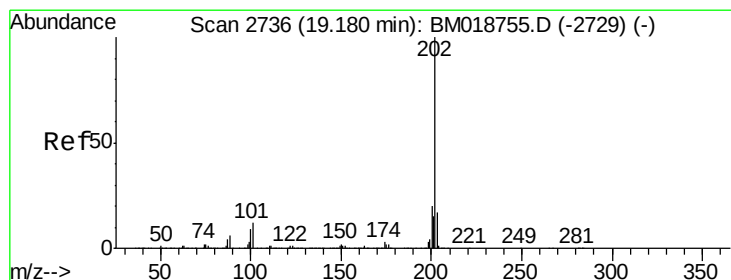
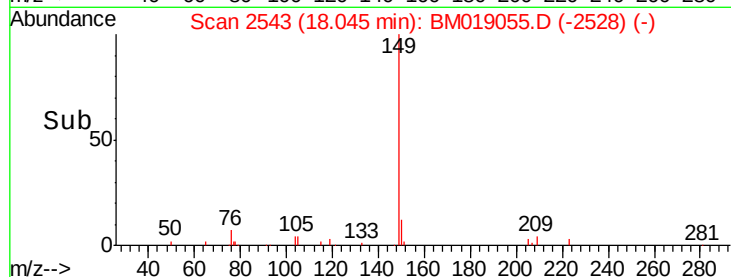
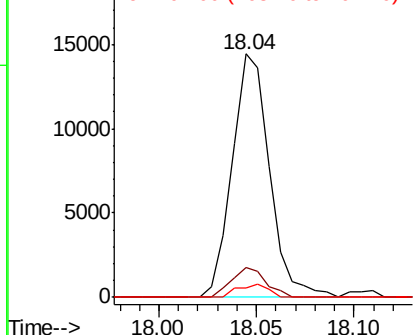
#74
Di-n-butylphthalate
Concen: 0.283 ng
RT: 18.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Instrument :
BNA_M
ClientSampleId :
PST-028-SW001-022719

Tgt Ion:149 Resp: 19179
Ion Ratio Lower Upper
149 100
150 12.1 7.4 11.0#
104 4.0 4.3 6.5#

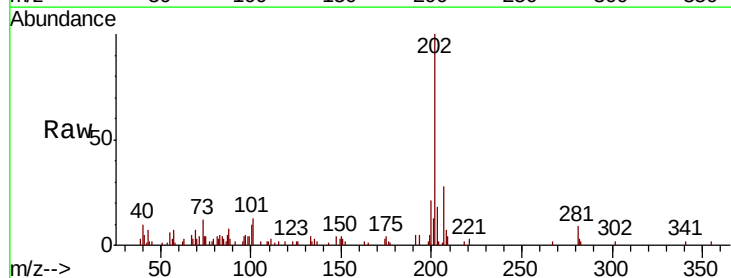


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

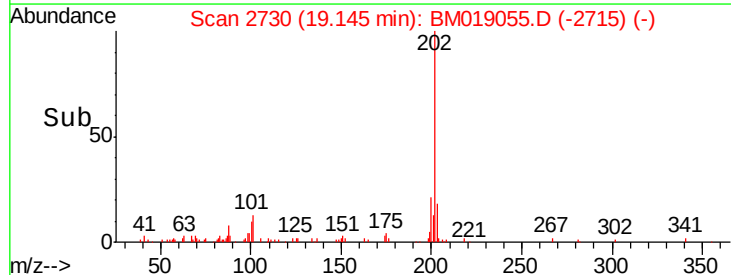
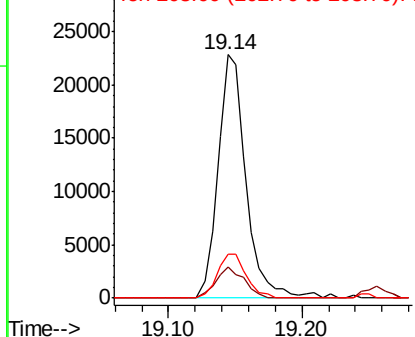


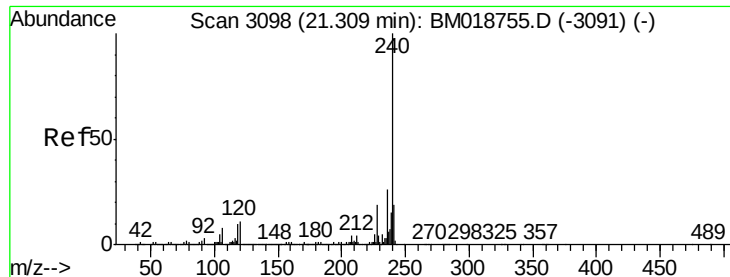
#75
Fluoranthene
Concen: 0.502 ng
RT: 19.14 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Tgt Ion:202 Resp: 33618
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.5
203 18.0 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: 21.27 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

BNA_M

ClientSampleId :

PST-028-SW001-022719

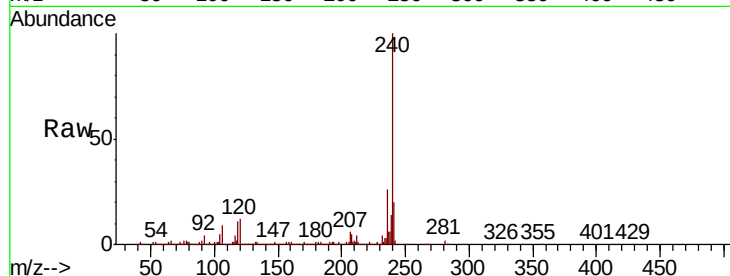
Tgt Ion:240 Resp: 1265602

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

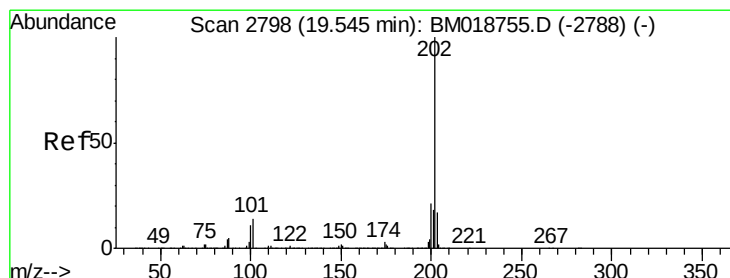
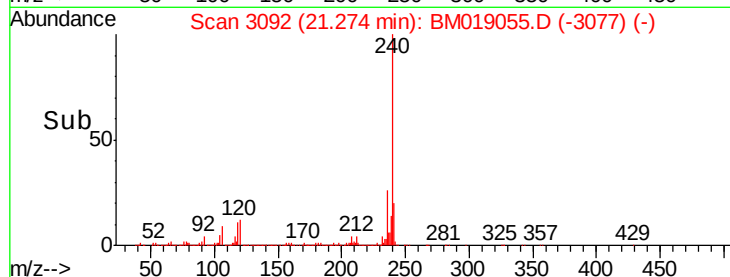
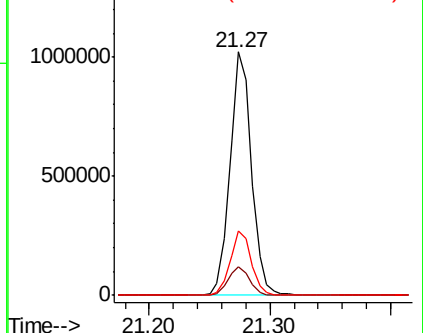
236 26.2 20.9 31.3



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



#78

Pyrene

Concen: 0.457 ng

RT: 19.51 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

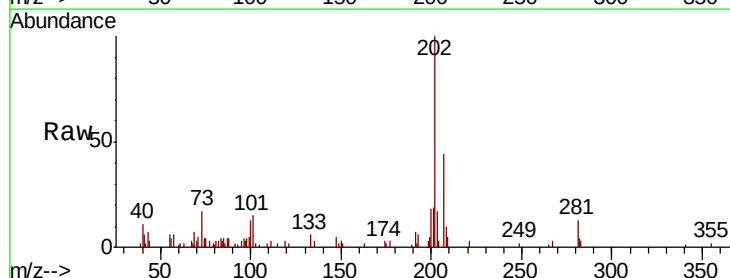
Tgt Ion:202 Resp: 33580

Ion Ratio Lower Upper

202 100

200 18.3 16.9 25.3

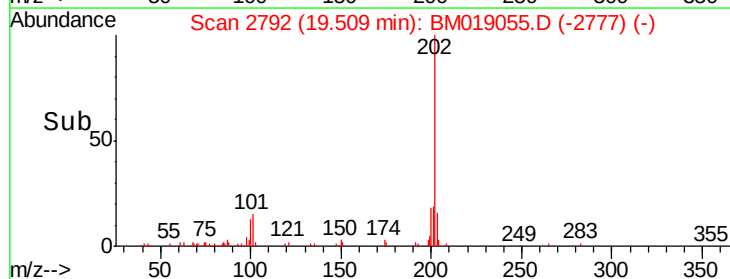
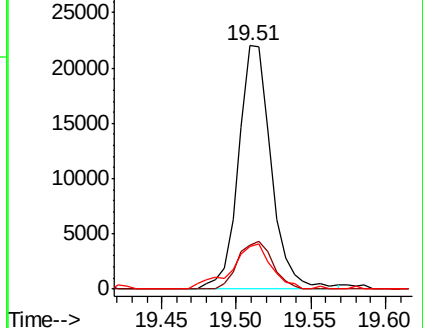
203 17.4 13.8 20.8

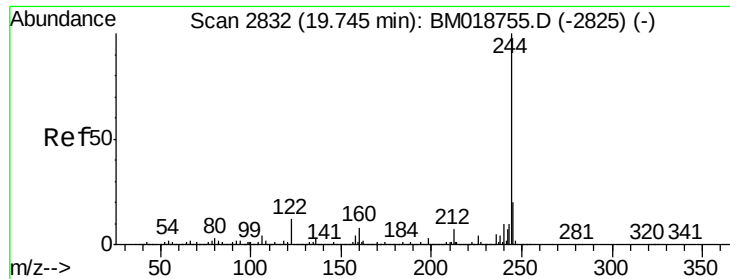


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

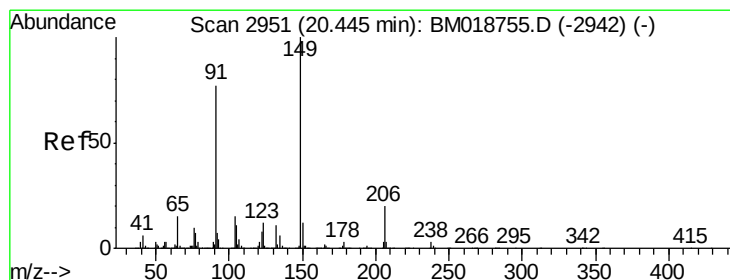
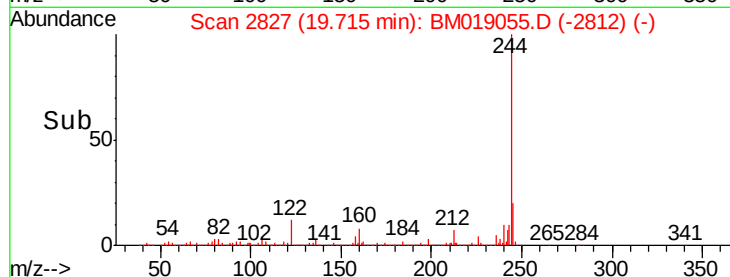
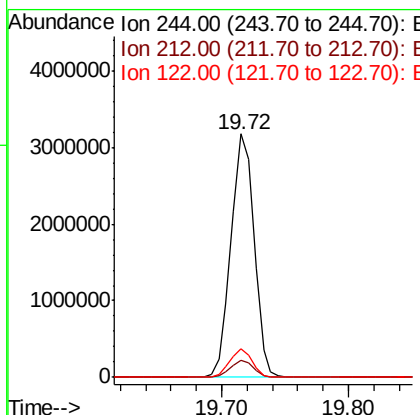
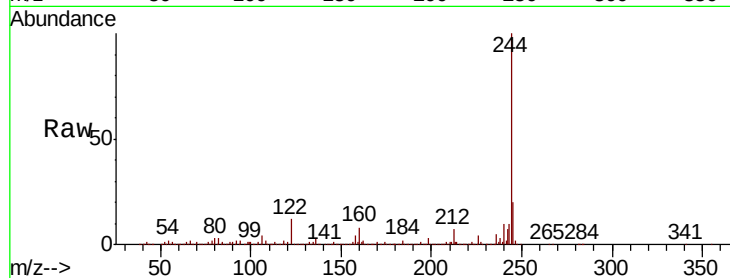




#79
 Terphenyl-d14
 Concen: 65.211 ng
 RT: 19.72 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM019055.D
 Acq: 06 Mar 2019 03:39

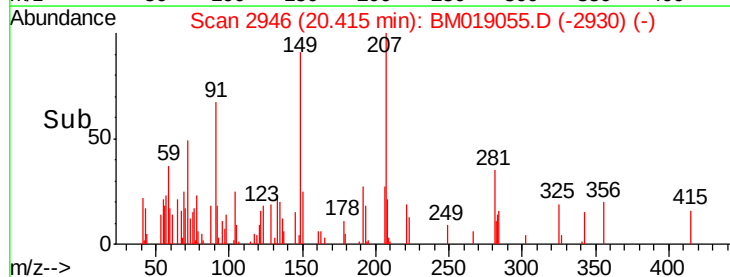
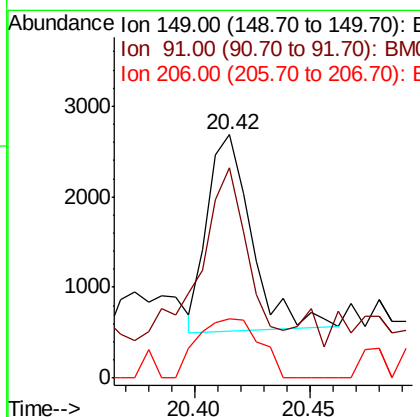
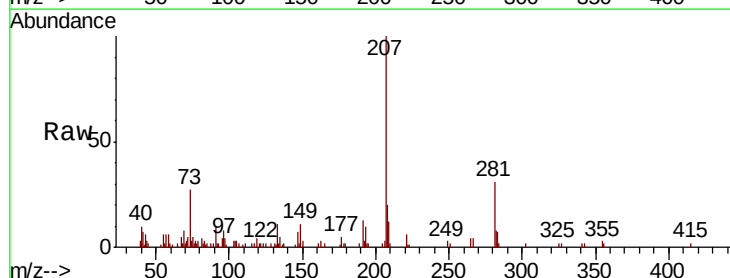
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW001-022719

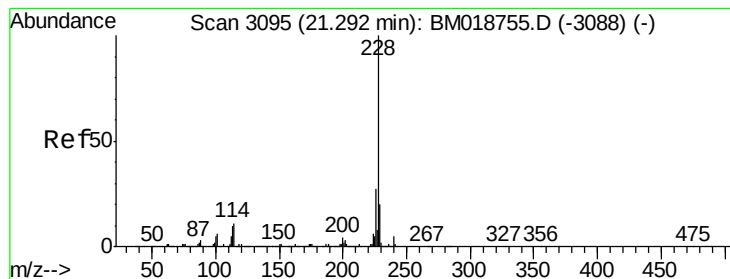
Tgt Ion:244 Resp: 4000727
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.5 9.3 13.9



#80
 Butylbenzylphthalate
 Concen: 0.086 ng
 RT: 20.42 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BM019055.D
 Acq: 06 Mar 2019 03:39

Tgt Ion:149 Resp: 2876
 Ion Ratio Lower Upper
 149 100
 91 86.2 61.4 92.0
 206 24.4 15.8 23.8#





#81

Benzo(a)anthracene

Concen: 0.295 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

BNA_M

ClientSampleId :

PST-028-SW001-022719

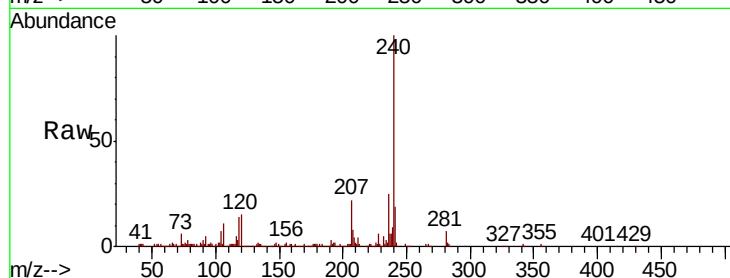
Tgt Ion:228 Resp: 21769

Ion Ratio Lower Upper

228 100

226 30.1 21.9 32.9

229 22.0 15.9 23.9

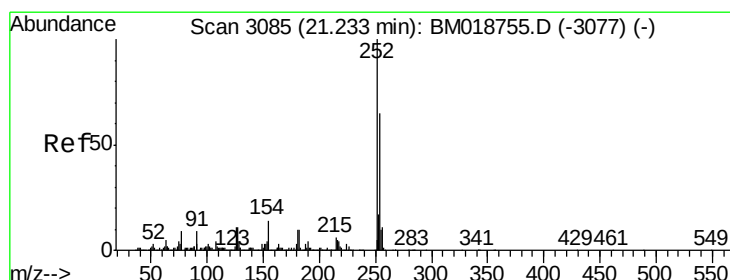
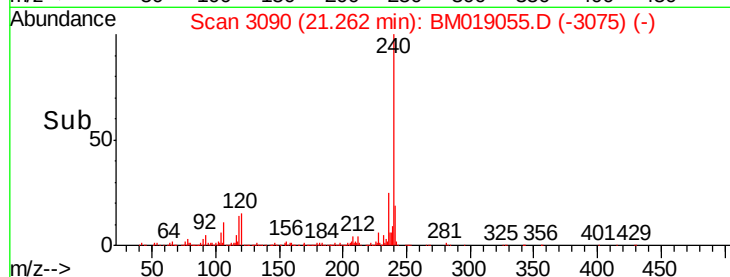
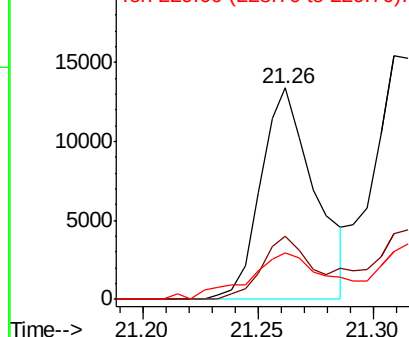


Abundance

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: 0.008 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

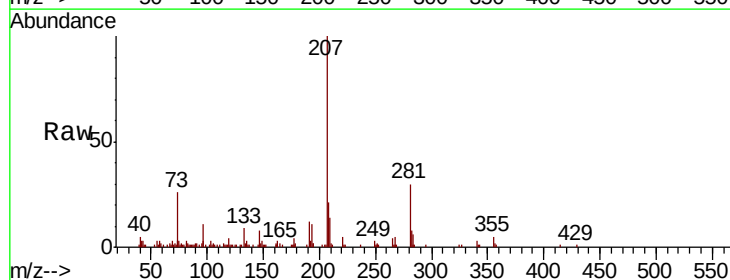
Tgt Ion:252 Resp: 237

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

126 105.0 9.1 13.7#

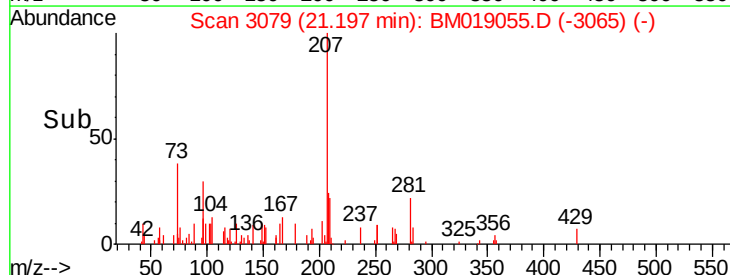
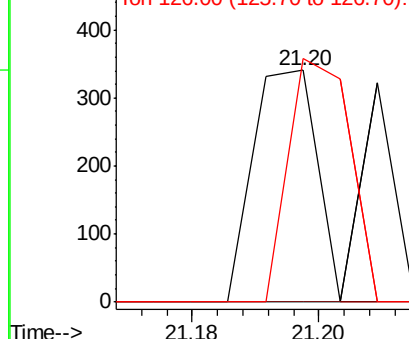


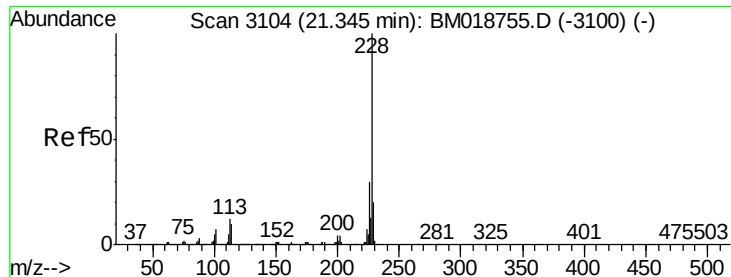
Abundance

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: 0.336 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

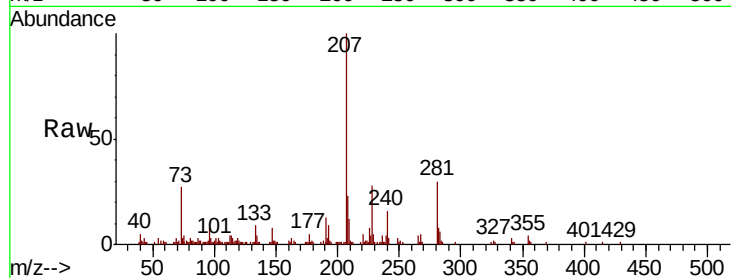
BNA_M

ClientSampleId :

PST-028-SW001-022719

Tgt Ion: 228 Resp: 23783

Ion	Ratio	Lower	Upper
228	100		
226	26.9	24.1	36.1
229	19.6	16.0	24.0

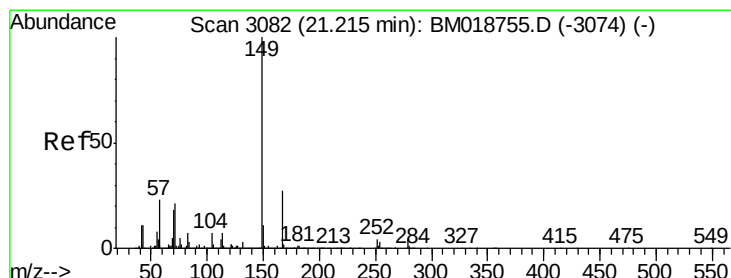
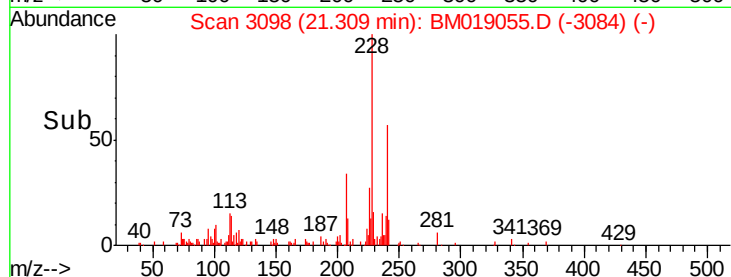
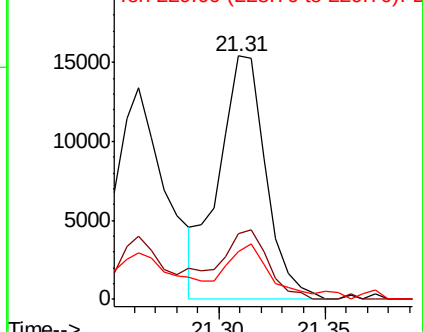


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.163 ng

RT: 21.18 min Scan# 3076

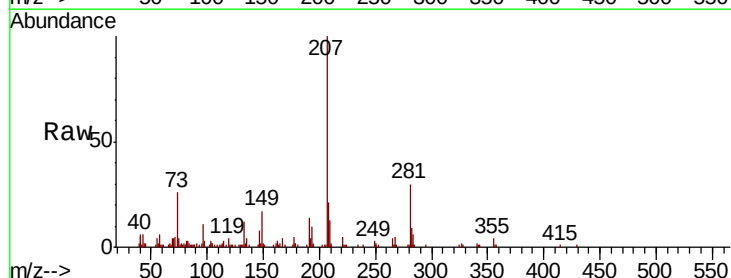
Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Tgt Ion: 149 Resp: 7997

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.6
279	5.0	3.6	5.4

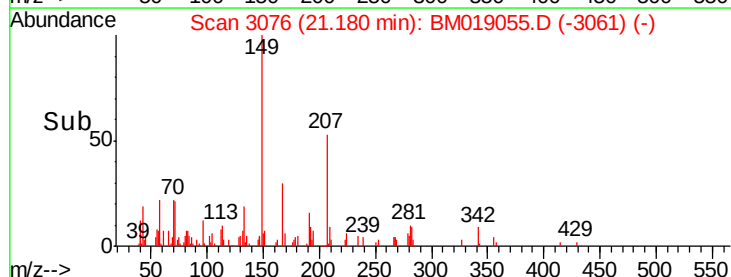
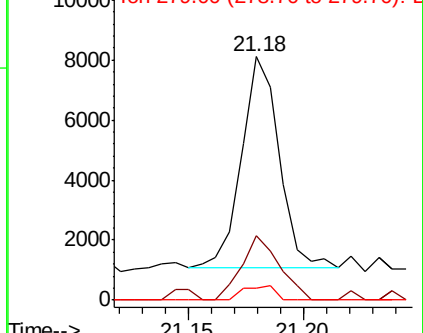


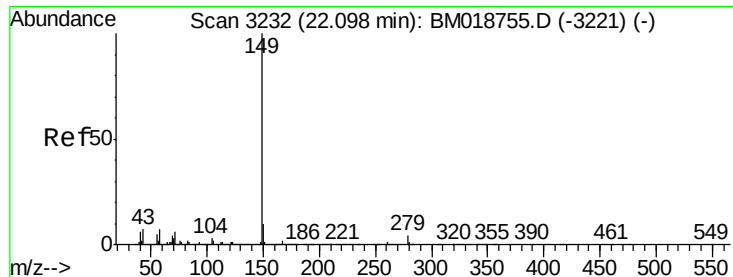
Abundance

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

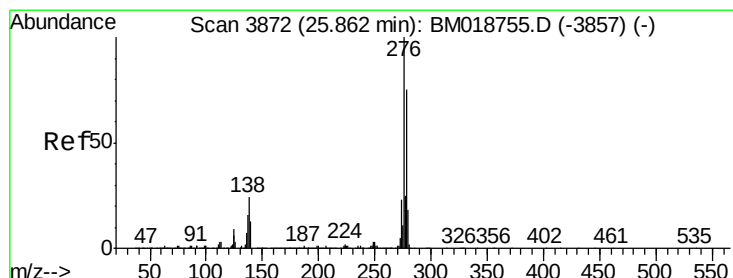
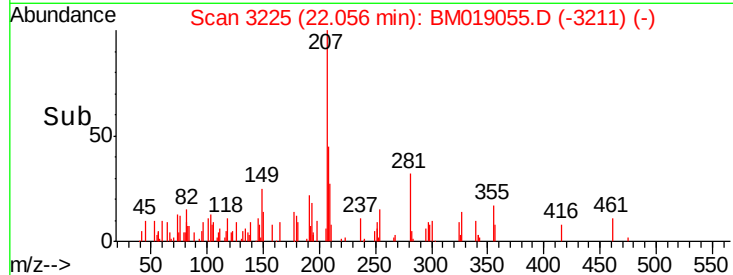
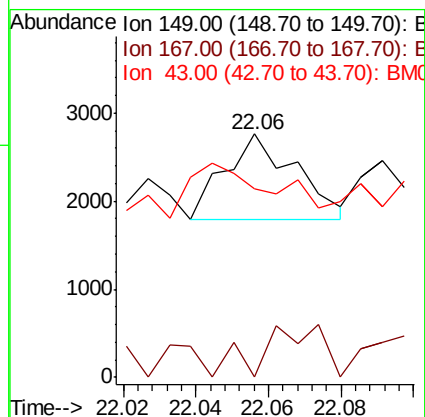
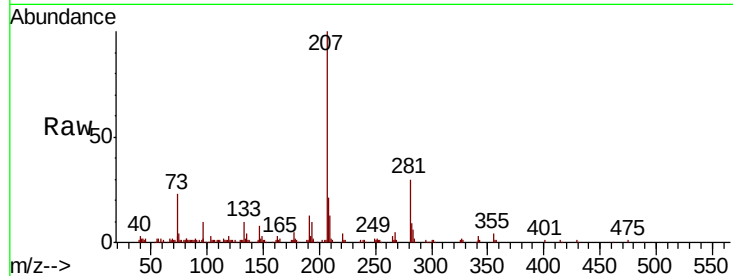




#85
Di-n-octyl phthalate
Concen: 0.016 ng
RT: 22.06 min Scan# 3225
Delta R.T. -0.02 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

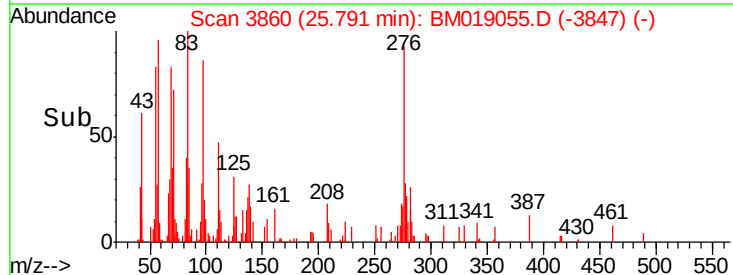
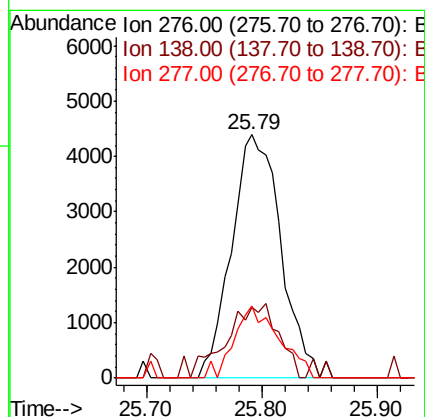
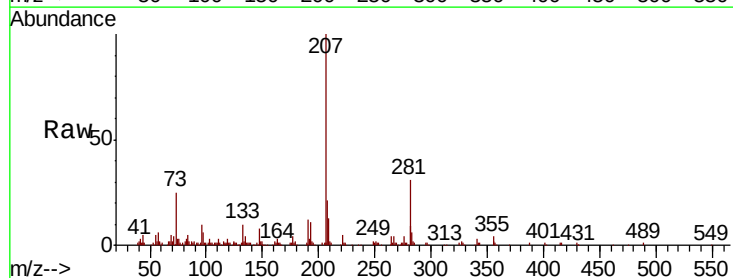
Instrument :
BNA_M
ClientSampleId :
PST-028-SW001-022719

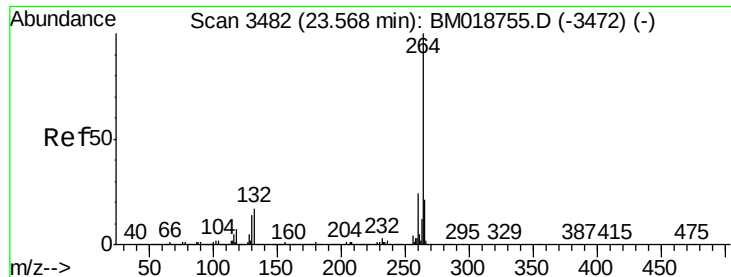
Tgt Ion:149 Resp: 1335
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 80.0 6.0 9.0#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng
RT: 25.79 min Scan# 3860
Delta R.T. -0.02 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Tgt Ion:276 Resp: 13093
Ion Ratio Lower Upper
276 100
138 32.8 20.2 30.4#
277 26.9 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: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

BNA_M

ClientSampleId :

PST-028-SW001-022719

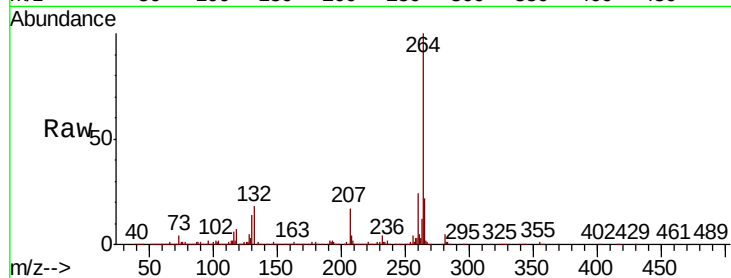
Tgt Ion:264 Resp: 1290764

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

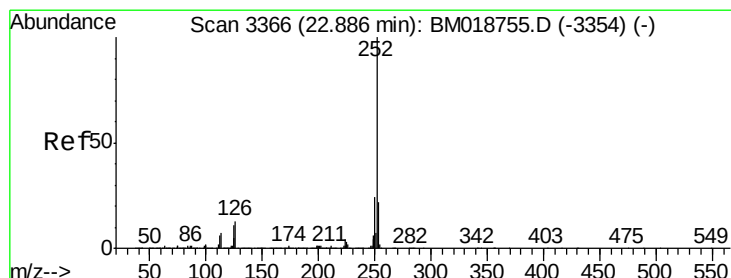
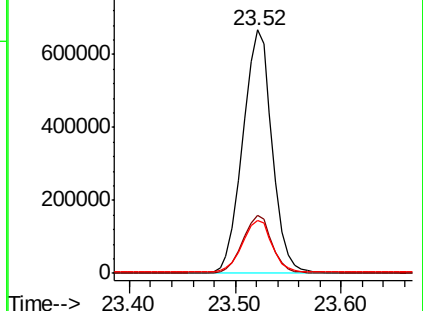
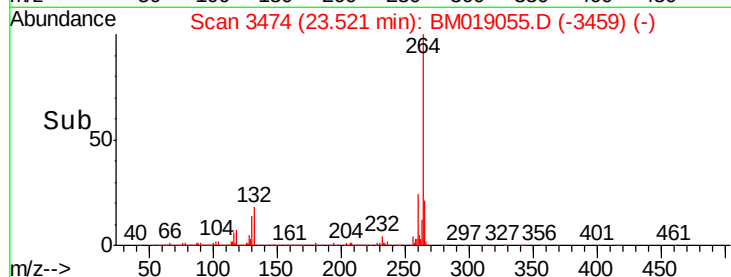
265 21.9 17.3 25.9



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: 0.520 ng

RT: 22.84 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

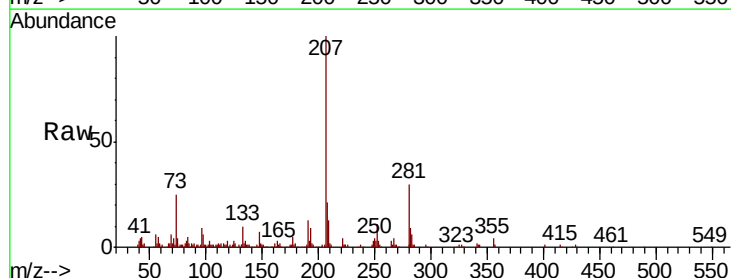
Tgt Ion:252 Resp: 38424

Ion Ratio Lower Upper

252 100

253 28.8 17.8 26.6#

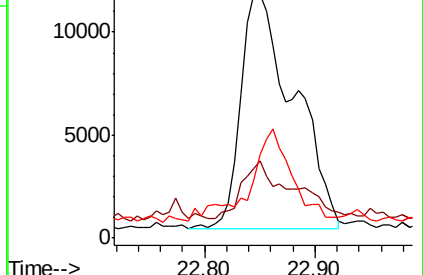
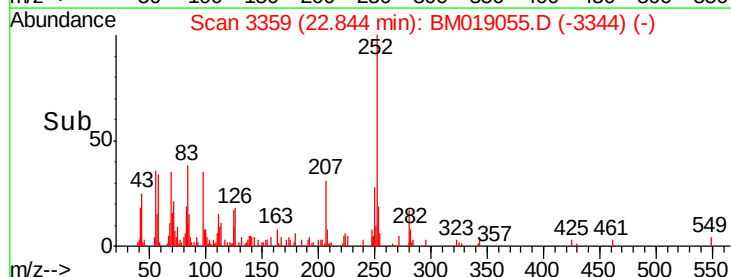
125 23.8 8.6 12.8#

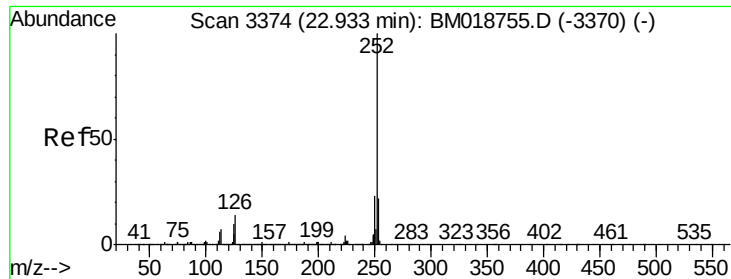


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 0.517 ng

RT: 22.84 min Scan# 3359

Delta R.T. -0.06 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

Instrument :

BNA_M

ClientSampleId :

PST-028-SW001-022719

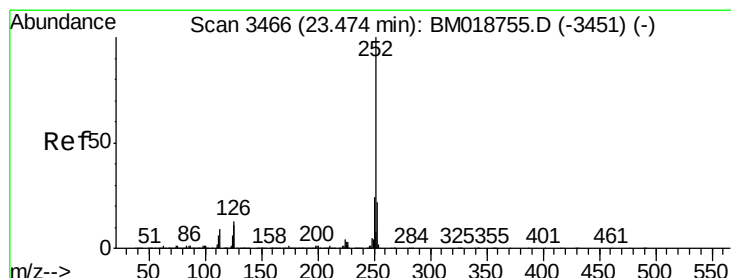
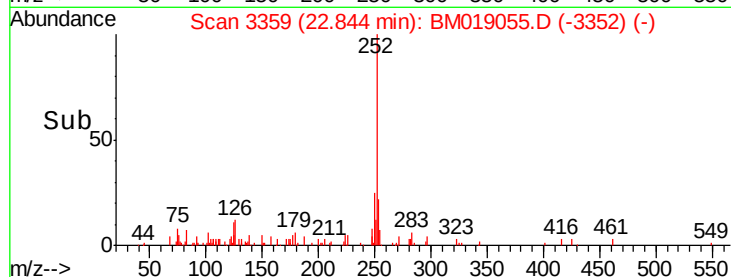
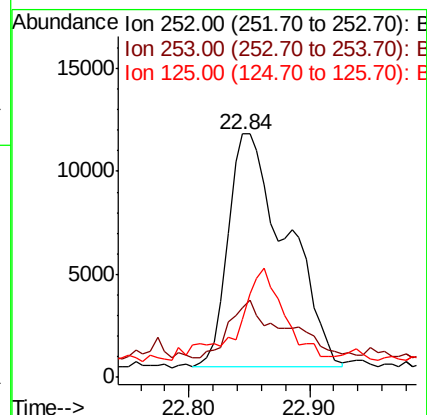
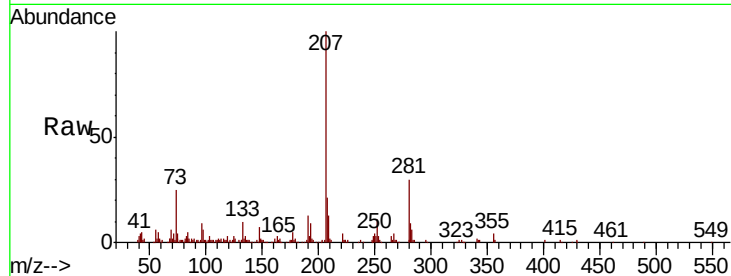
Tgt Ion:252 Resp: 38012

Ion Ratio Lower Upper

252 100

253 28.8 17.7 26.5#

125 23.8 8.2 12.4#



#90

Benzo(a)pyrene

Concen: 0.254 ng

RT: 23.42 min Scan# 3457

Delta R.T. -0.02 min

Lab File: BM019055.D

Acq: 06 Mar 2019 03:39

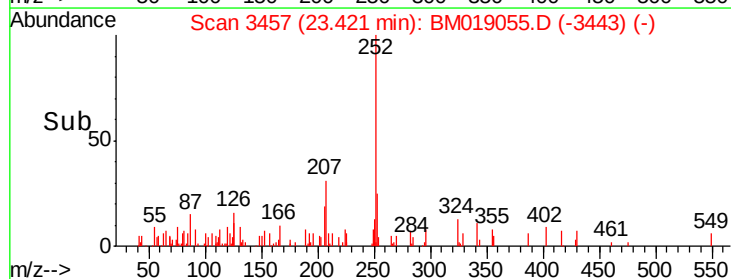
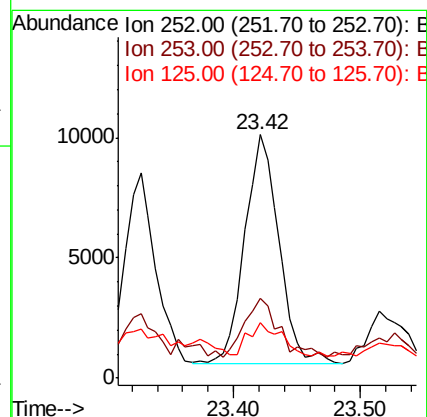
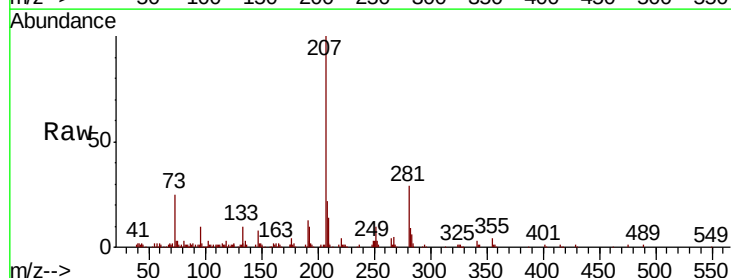
Tgt Ion:252 Resp: 17765

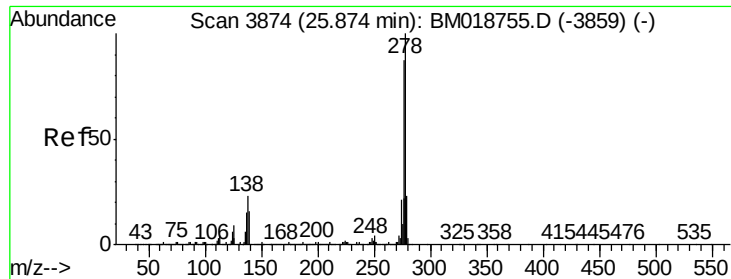
Ion Ratio Lower Upper

252 100

253 32.9 17.4 26.0#

125 22.7 8.6 13.0#

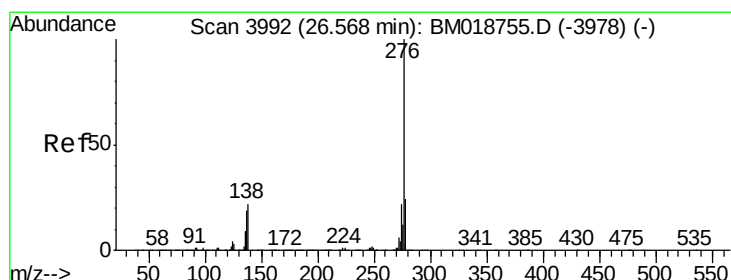
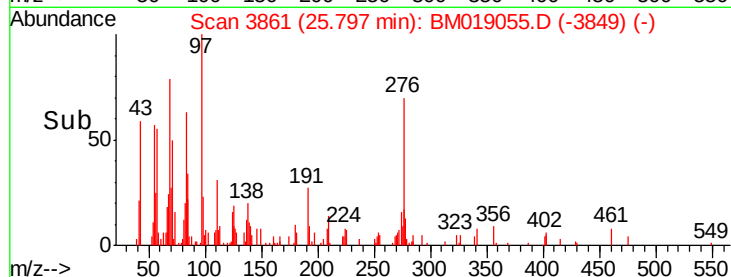
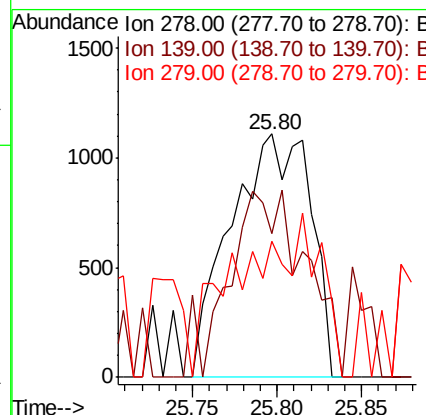
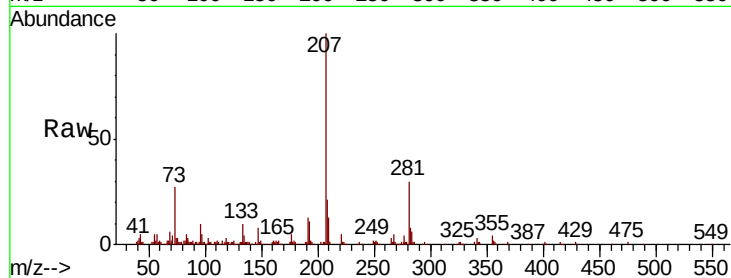




#91
Dibenzo(a,h)anthracene
Concen: 0.053 ng
RT: 25.80 min Scan# 3861
Delta R.T. -0.03 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Instrument :
BNA_M
ClientSampleId :
PST-028-SW001-022719

Tgt Ion: 278 Resp: 3654
Ion Ratio Lower Upper
278 100
139 59.2 12.6 18.8#
279 55.7 18.6 28.0#



#92
Benzo(g,h,i)perylene
Concen: 0.211 ng
RT: 26.50 min Scan# 3981
Delta R.T. -0.01 min
Lab File: BM019055.D
Acq: 06 Mar 2019 03:39

Tgt Ion: 276 Resp: 13623
Ion Ratio Lower Upper
276 100
277 21.5 19.2 28.8
138 24.3 17.3 25.9

