

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019116.D
 Acq On : 12 Mar 2019 17:42
 Operator : JU/SJ
 Sample : K1817-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-027-SW010-2-030619

Quant Time: Mar 13 03:54:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	220000	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	920739	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	587284	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1365235	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1410219	20.00	ng	0.00
87) Perylene-d12	23.51	264	1355255	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1347943	99.23	ng	0.00
7) Phenol-d6	6.85	99	1960319	98.66	ng	0.00
23) Nitrobenzene-d5	8.83	82	1177853	60.47	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	799815	92.24	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2354484	52.15	ng	0.00
79) Terphenyl-d14	19.71	244	3771493	53.09	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	452	0.075	ng	# 1
3) Pyridine	3.61	79	110	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.53	42	449	0.088	ng	# 1
9) Benzaldehyde	6.85	77	4665	0.373	ng	# 6
10) Phenol	6.87	94	28066	1.311	ng	# 82
15) Benzyl Alcohol	7.97	79	18296	1.113	ng	# 51
24) Nitrobenzene	8.83	77	4539	0.224	ng	# 42
25) Isophorone	9.42	82	973	0.026	ng	# 68
31) Naphthalene	10.50	128	678	0.014	ng	# 69
46) 1,1'-Biphenyl	13.15	154	2811	0.055	ng	# 92
49) Acenaphthylene	14.04	152	214	0.003	ng	# 60
50) Dimethylphthalate	13.79	163	215024	4.280	ng	# 99
51) 2,6-Dinitrotoluene	13.83	165	108	0.010	ng	# 20
52) Acenaphthene	14.38	154	1538	0.041	ng	# 94
55) Dibenzofuran	14.74	168	821	0.014	ng	# 45
58) Fluorene	15.38	166	1442	0.029	ng	# 92
60) Diethylphthalate	15.16	149	1360	0.027	ng	# 60
63) Azobenzene	15.64	77	110	0.002	ng	# 56
71) Phenanthrene	17.12	178	30221	0.378	ng	# 96
72) Anthracene	17.22	178	7087	0.090	ng	# 84
73) Carbazole	17.50	167	2112	0.029	ng	# 59
74) Di-n-butylphthalate	18.04	149	1445	0.016	ng	# 78
75) Fluoranthene	19.14	202	37037	0.403	ng	# 99
78) Pyrene	19.50	202	31454	0.353	ng	# 97
80) Butylbenzylphthalate	20.41	149	941	0.024	ng	# 82
81) Benzo(a)anthracene	21.26	228	24328	0.275	ng	# 95
82) 3,3'-Dichlorobenzidine	21.17	252	106	0.003	ng	# 25
83) Chrysene	21.30	228	16257	0.190	ng	# 99
84) Bis(2-ethylhexyl)phthalate	21.17	149	2172	0.038	ng	# 82
85) Di-n-octyl phthalate	22.05	149	684	0.007	ng	# 81
86) Indeno(1,2,3-cd)pyrene	25.79	276	5705	0.062	ng	# 86
88) Benzo(b)fluoranthene	22.84	252	17875	0.204	ng	# 71
89) Benzo(k)fluoranthene	22.84	252	15961	0.198	ng	# 71
90) Benzo(a)pyrene	23.41	252	11797	0.149	ng	# 70

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

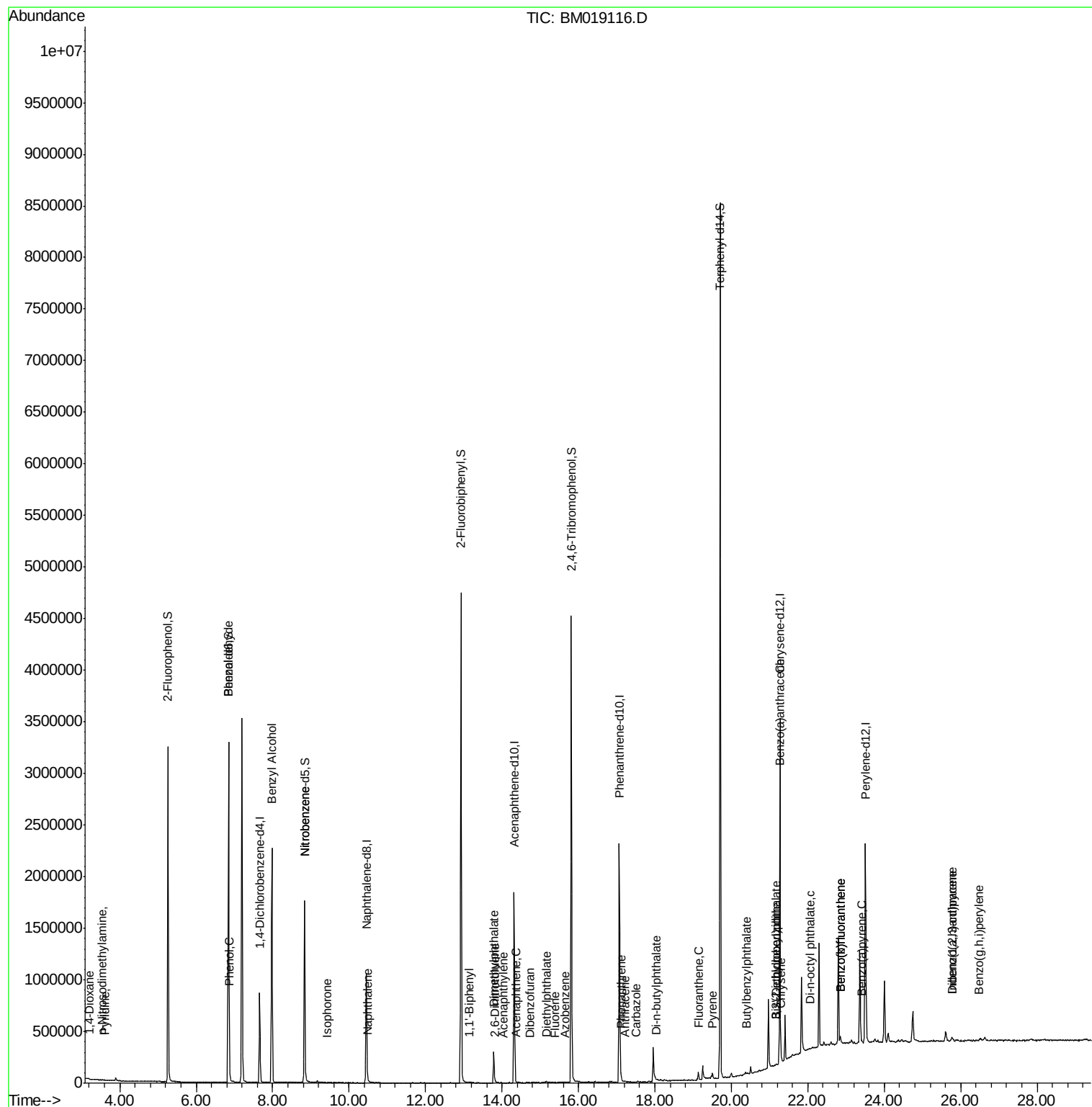
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Dibenzo(a,h)anthracene	25.79	278	1417	0.019	ng	# 33
92) Benzo(g,h,i)perylene	26.48	276	4768	0.069	ng	# 70

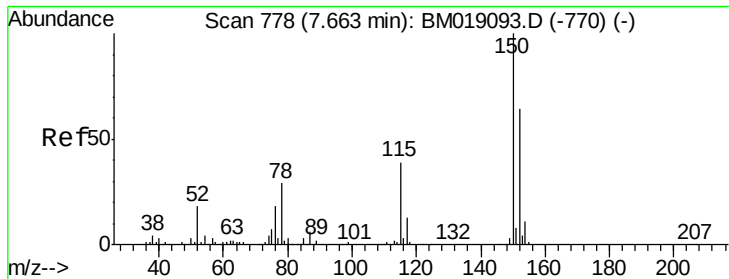
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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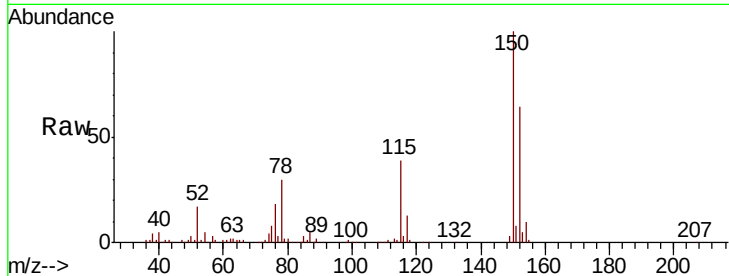


#1

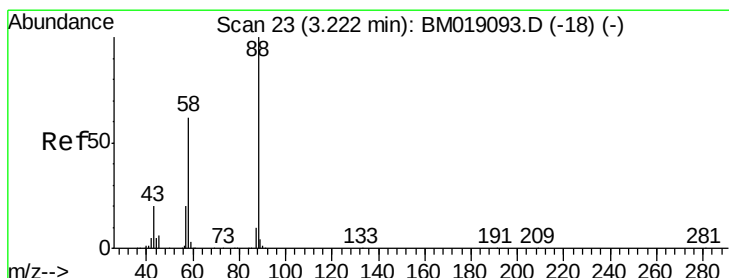
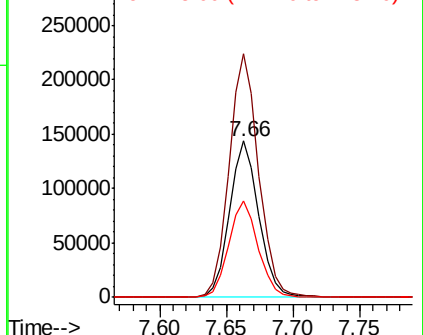
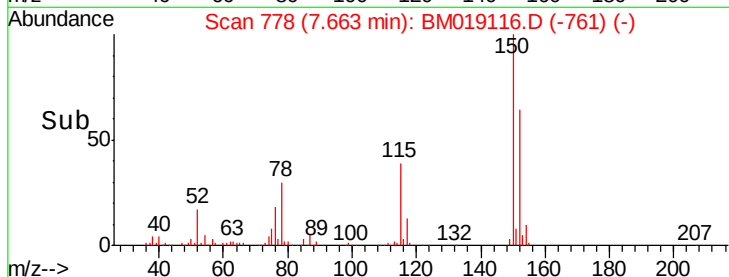
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Instrument :
BNA_M
ClientSampleId :
PST-027-SW010-2-030619

Tot Ion:152 Resp: 220000
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 61.4 49.4 74.0



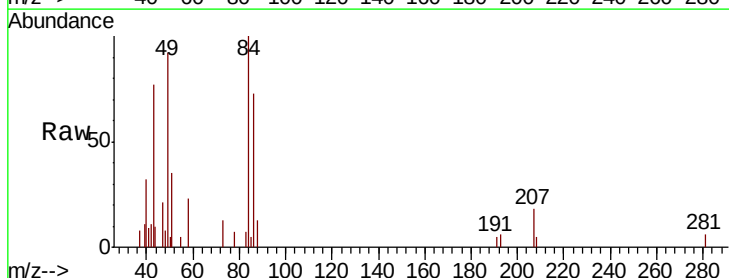
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



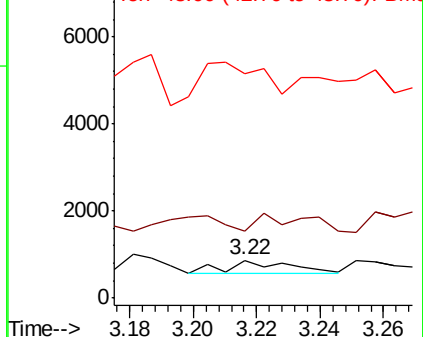
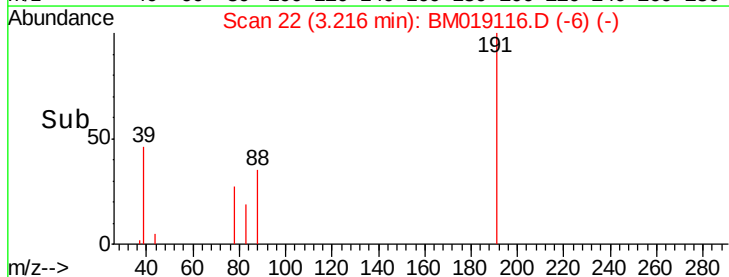
#2

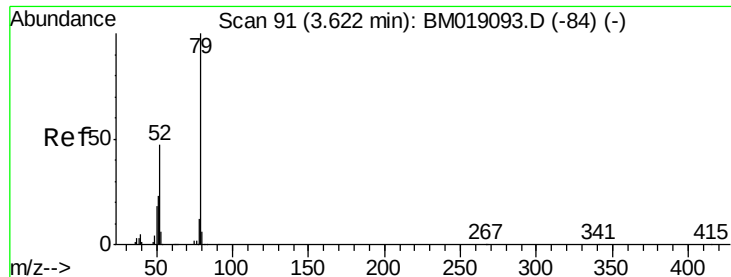
1,4-Dioxane
Concen: 0.075 ng
RT: 3.22 min Scan# 22
Delta R.T. -0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Tgt Ion: 88 Resp: 452
Ion Ratio Lower Upper
88 100
58 106.2 50.0 75.0#
43 307.5 17.0 25.4#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.007 ng

RT: 3.61 min Scan# 89

Delta R.T. -0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

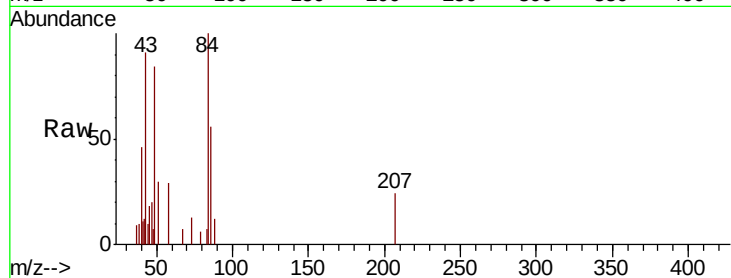
Tot Ion: 79 Resp: 110

Ion Ratio Lower Upper

79 100

52 0.0 37.5 56.3#

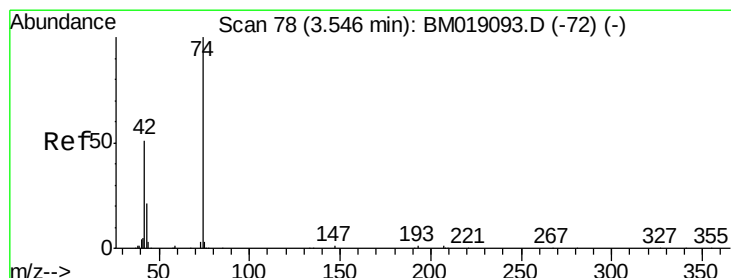
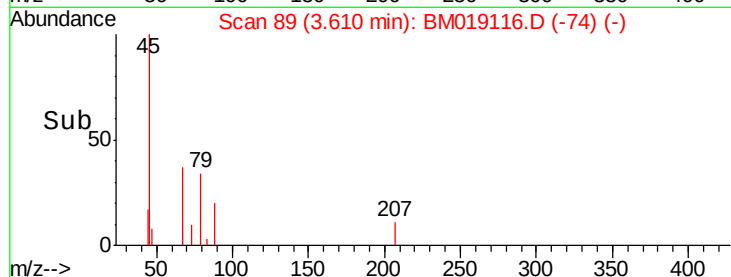
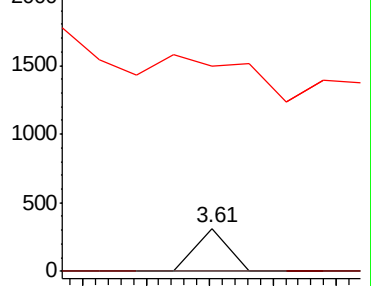
51 478.6 19.2 28.8#



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019093.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 0.088 ng

RT: 3.53 min Scan# 76

Delta R.T. -0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

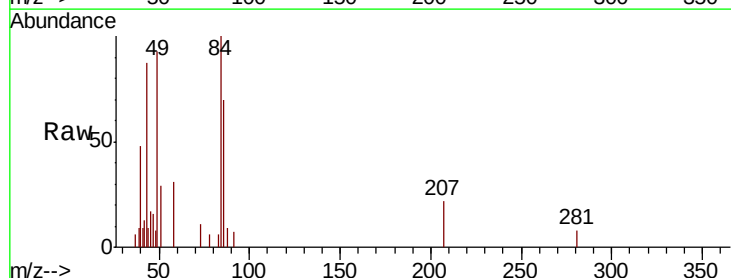
Tgt Ion: 42 Resp: 449

Ion Ratio Lower Upper

42 100

74 0.0 156.3 234.5#

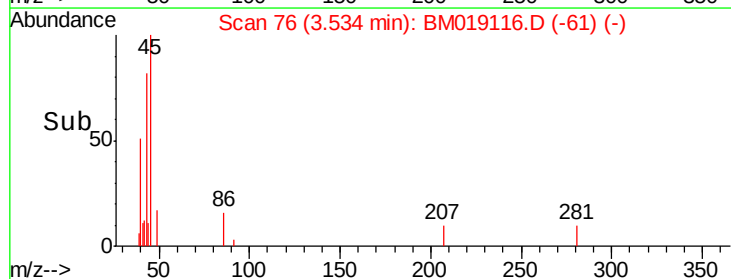
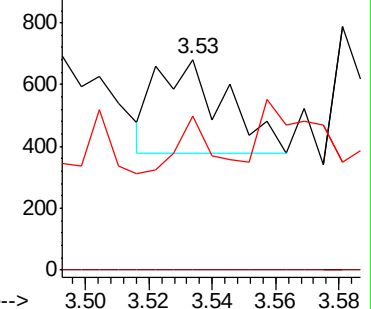
44 73.0 4.6 7.0#

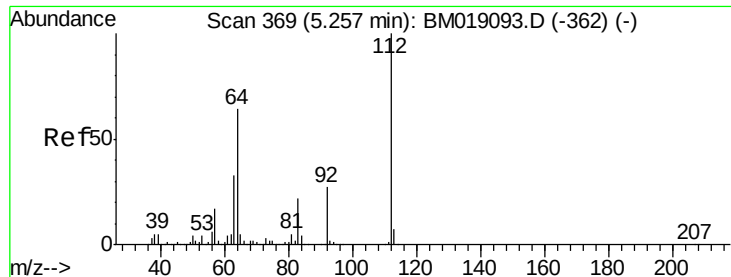


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019093.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 99.226 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

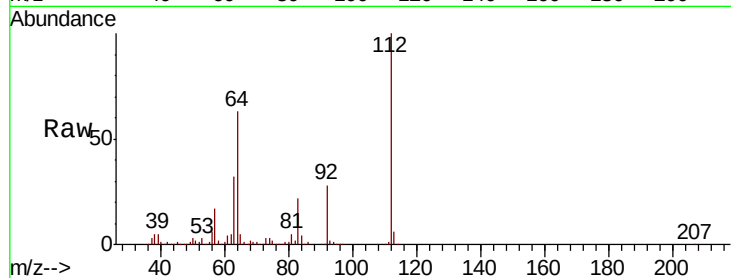
Tot Ion:112 Resp: 1347943

Ion Ratio Lower Upper

112 100

64 63.4 51.4 77.0

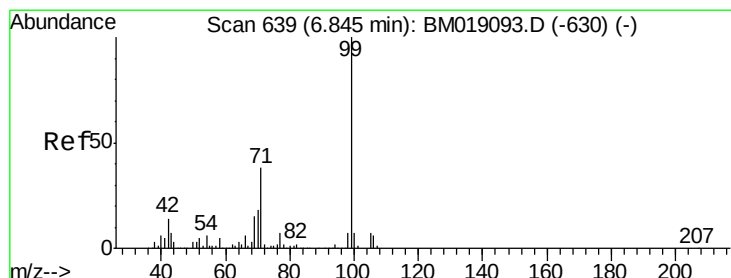
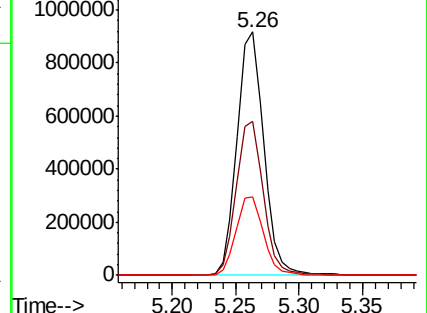
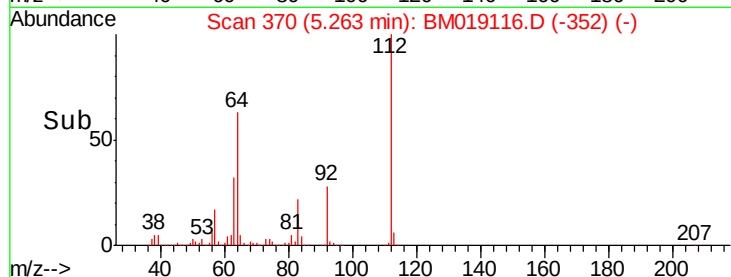
63 32.0 26.6 40.0



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: 98.656 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

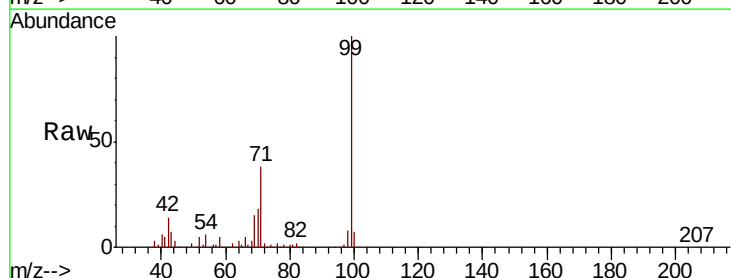
Tgt Ion: 99 Resp: 1960319

Ion Ratio Lower Upper

99 100

42 13.7 10.9 16.3

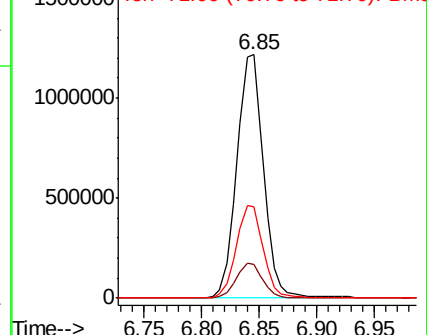
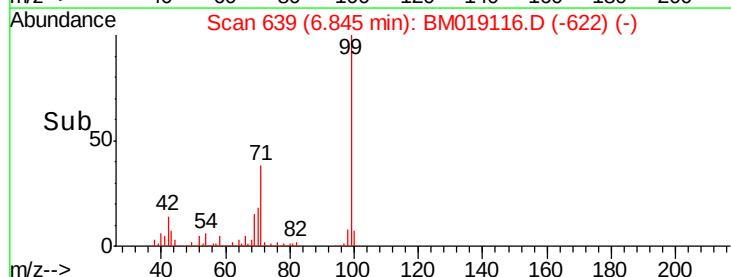
71 37.5 30.3 45.5

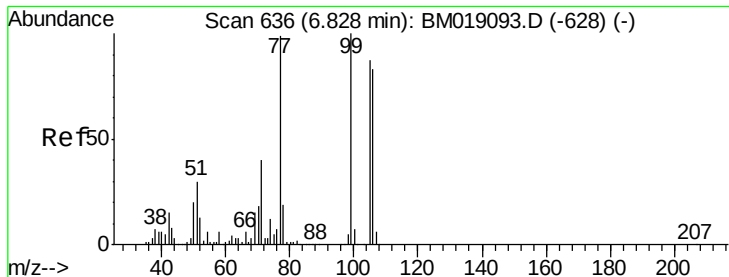


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#9

Benzaldehyde

Concen: 0.373 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.02 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

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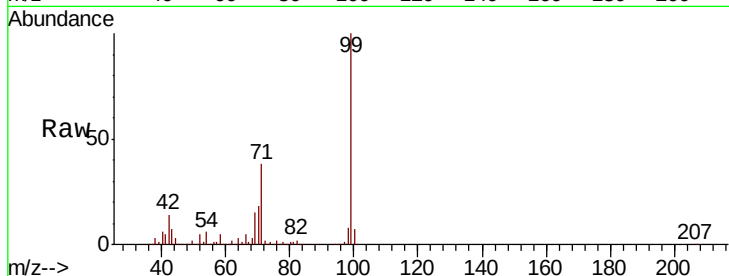
Tot Ion: 77 Resp: 4665

Ion Ratio Lower Upper

77 100

105 0.0 67.7 107.7#

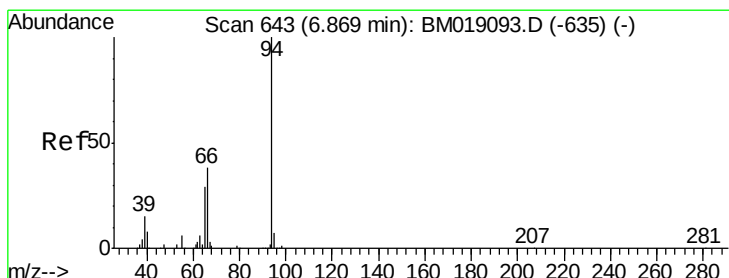
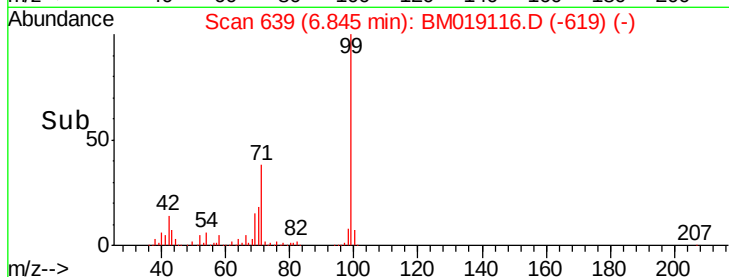
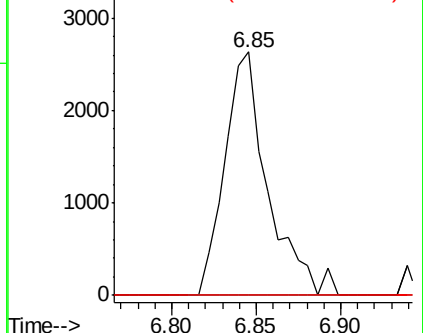
106 0.0 64.1 104.1#



Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM019093.D (-628) (-)



#10

Phenol

Concen: 1.311 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

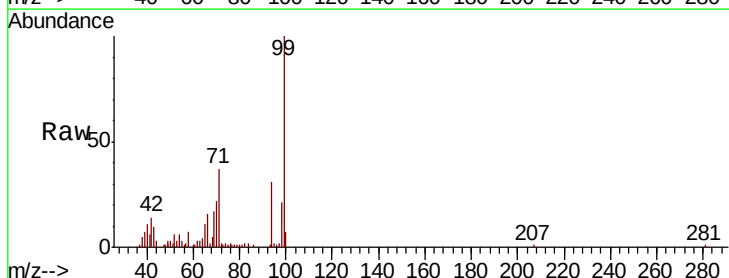
Tgt Ion: 94 Resp: 28066

Ion Ratio Lower Upper

94 100

65 36.7 9.7 49.7

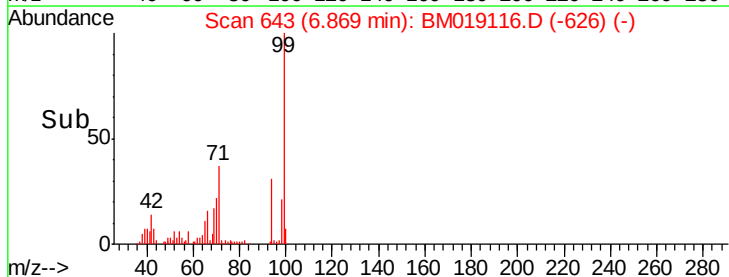
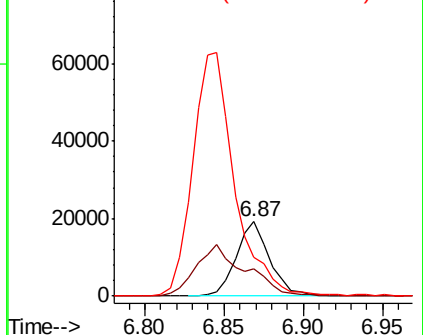
66 52.5 19.2 59.2

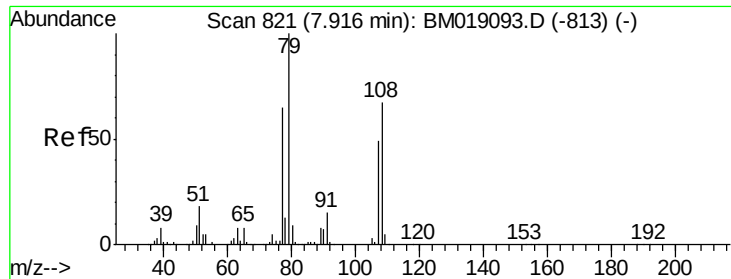


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)





#15

Benzyl Alcohol

Concen: 1.113 ng

RT: 7.97 min Scan# 831

Delta R.T. 0.06 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

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PST-027-SW010-2-030619

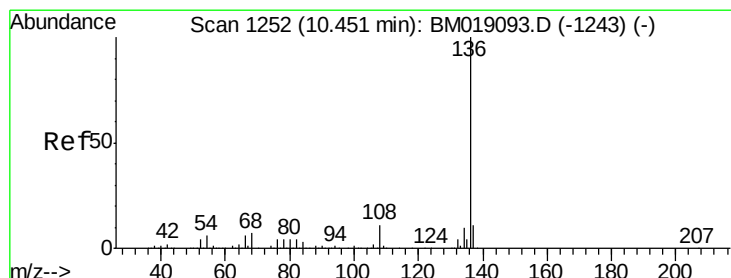
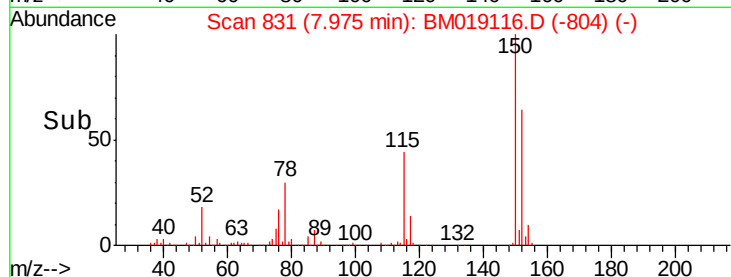
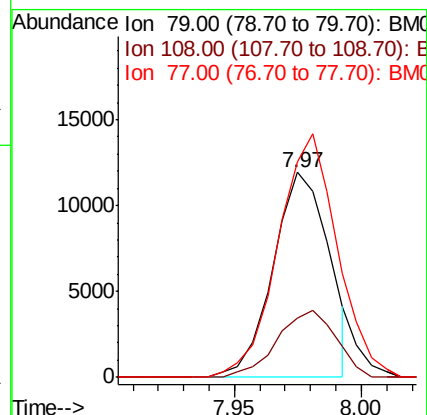
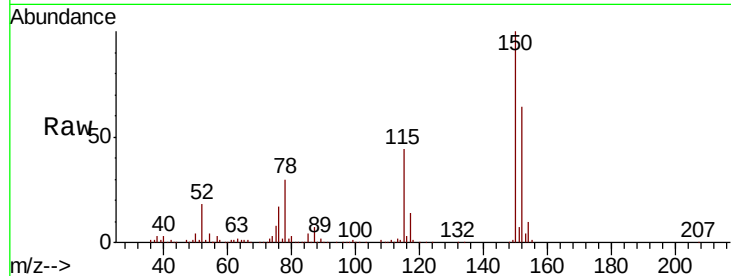
Tot Ion: 79 Resp: 18296

Ion Ratio Lower Upper

79 100

108 28.7 53.7 80.5#

77 105.0 51.8 77.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Tgt Ion: 136 Resp: 920739

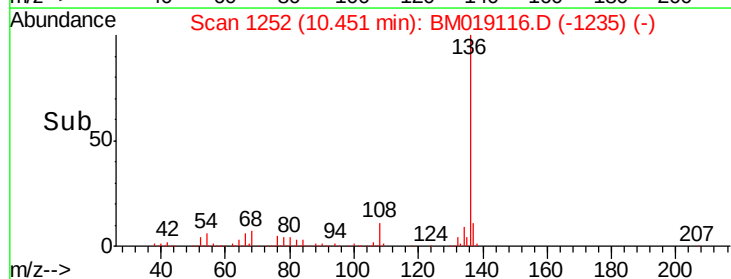
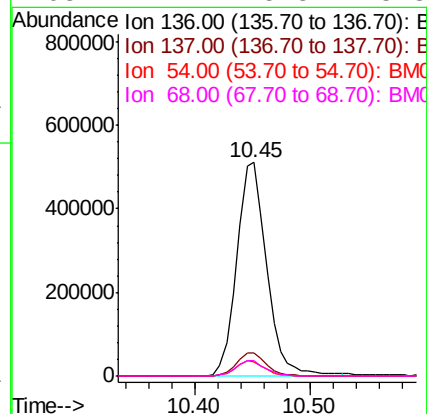
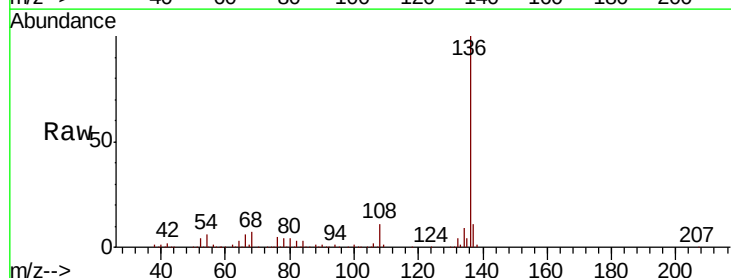
Ion Ratio Lower Upper

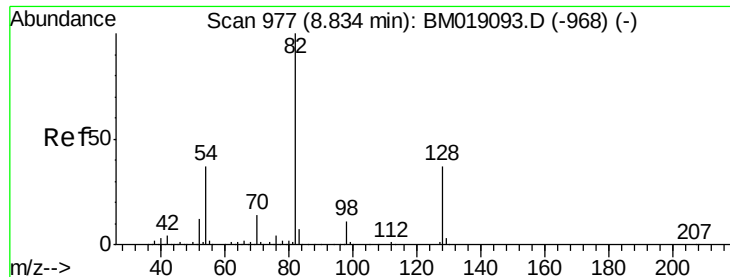
136 100

137 11.0 8.6 13.0

54 6.5 5.2 7.8

68 7.1 5.8 8.8

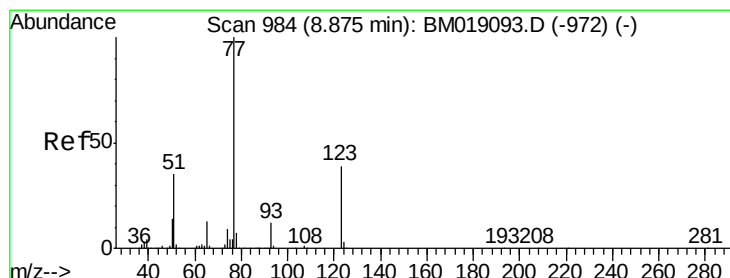
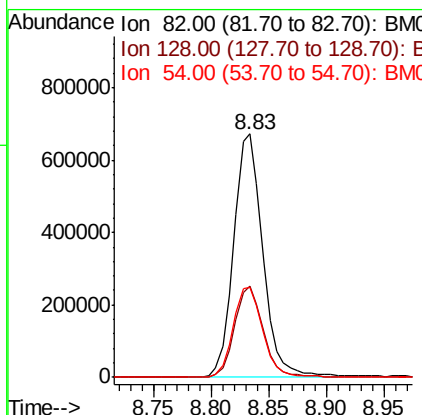
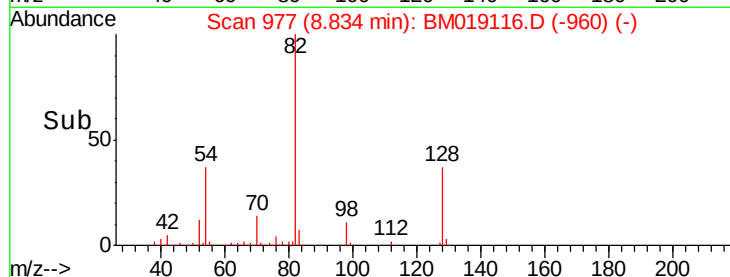
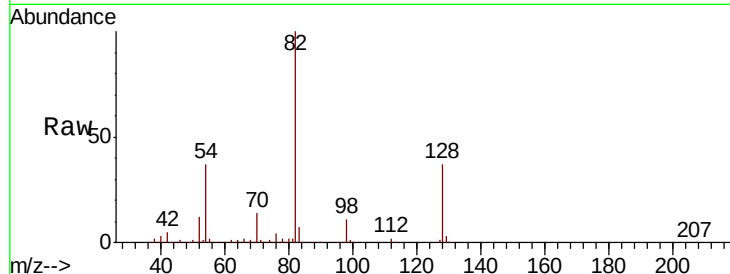




#23
Nitrobenzene-d5
Concen: 60.470 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

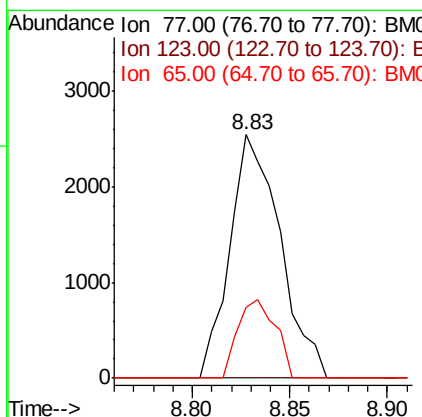
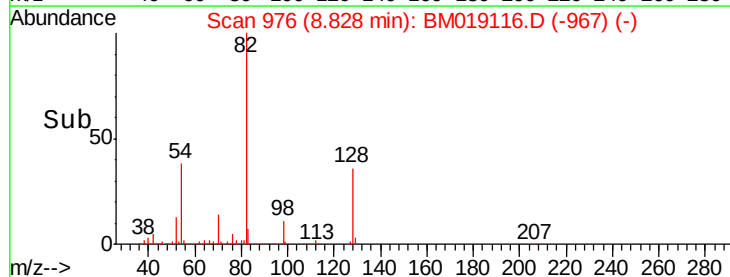
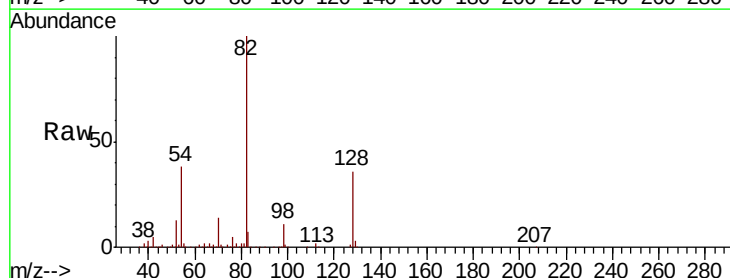
Instrument :
BNA_M
ClientSampleId :
PST-027-SW010-2-030619

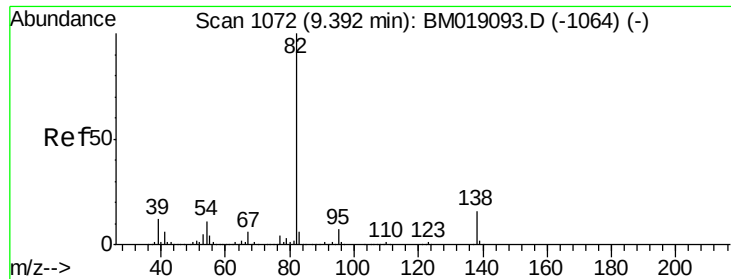
Tot Ion: 82 Resp: 1177853
Ion Ratio Lower Upper
82 100
128 37.4 29.4 44.2
54 37.1 29.9 44.9



#24
Nitrobenzene
Concen: 0.224 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.05 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Tgt Ion: 77 Resp: 4539
Ion Ratio Lower Upper
77 100
123 0.0 31.3 46.9#
65 29.2 10.5 15.7#





#25

Isophorone

Concen: 0.026 ng

RT: 9.42 min Scan# 1076

Delta R.T. 0.02 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

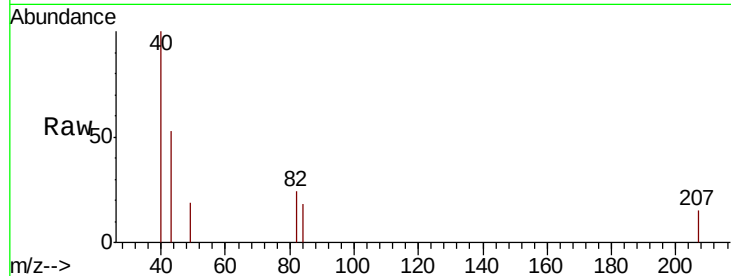
Tot Ion: 82 Resp: 973

Ion Ratio Lower Upper

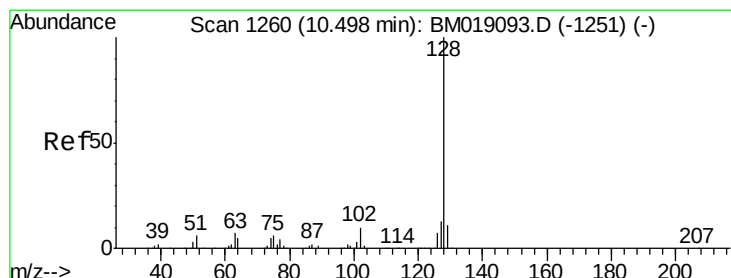
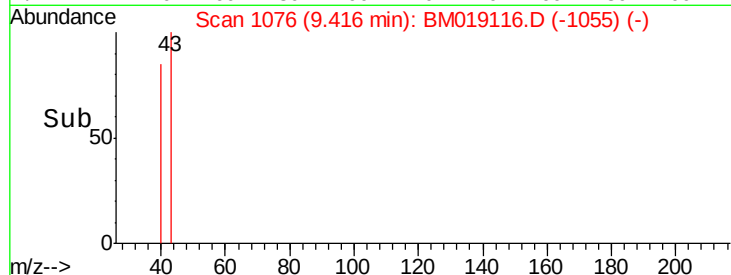
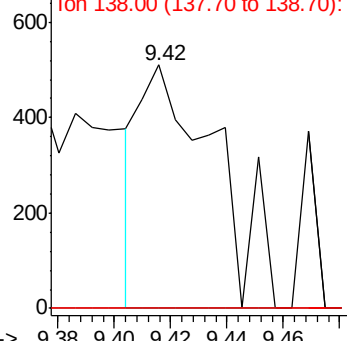
82 100

95 0.0 5.4 8.2#

138 0.0 12.6 18.8#



Abundance Ion 82.00 (81.70 to 82.70): BM019116.D (-1055) (-)



#31

Naphthalene

Concen: 0.014 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

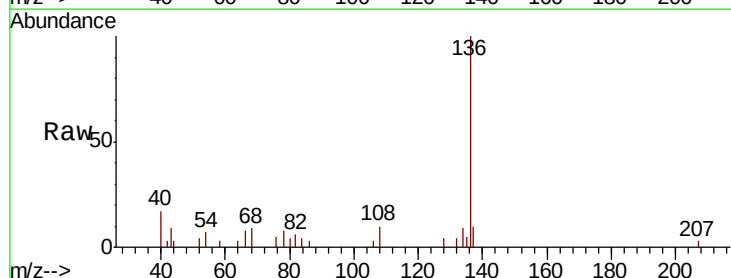
Tgt Ion: 128 Resp: 678

Ion Ratio Lower Upper

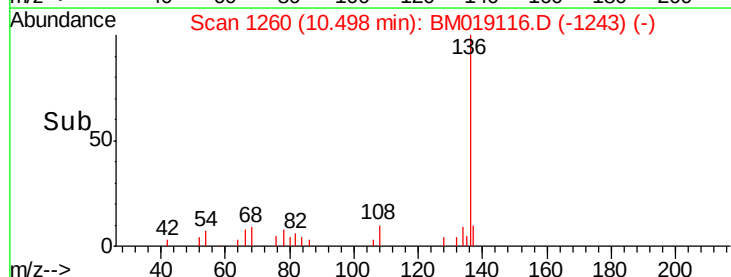
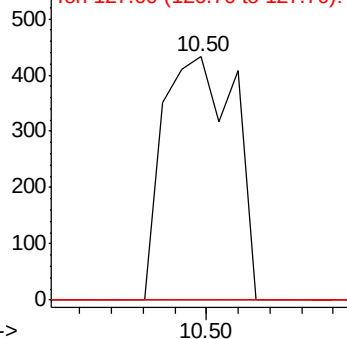
128 100

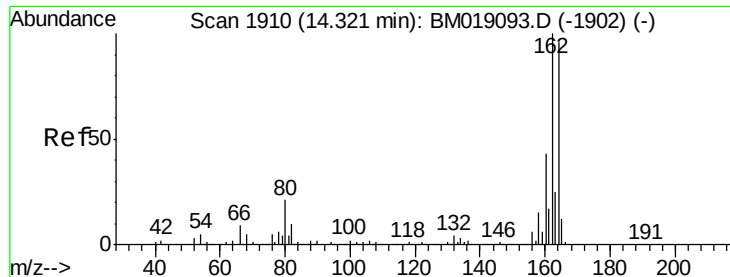
129 0.0 8.6 13.0#

127 0.0 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): BM019116.D (-1243) (-)





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

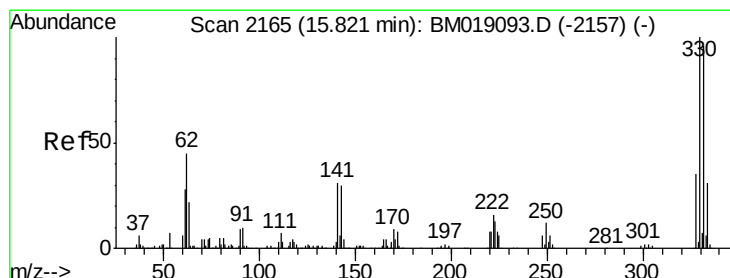
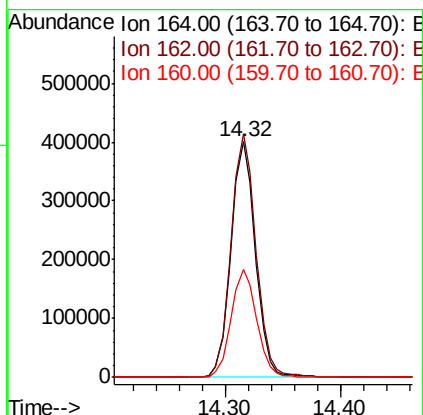
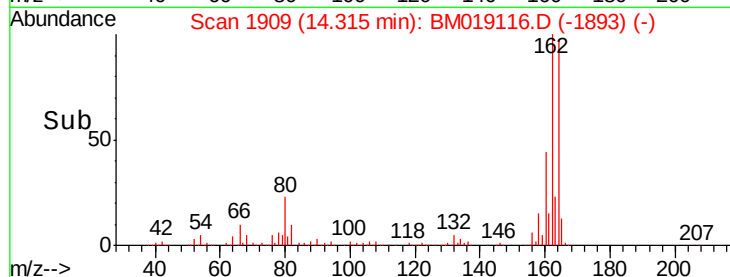
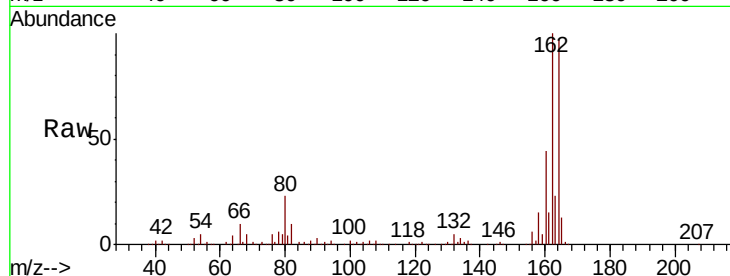
Tot Ion:164 Resp: 587284

Ion Ratio Lower Upper

164 100

162 103.4 83.5 125.3

160 45.8 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 92.240 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

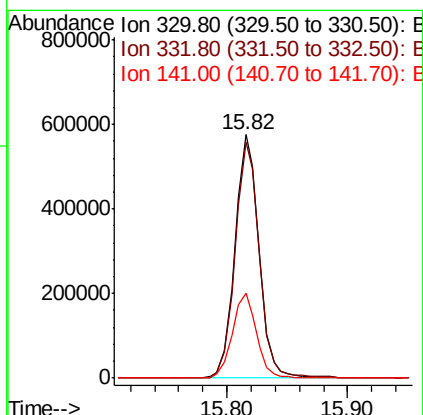
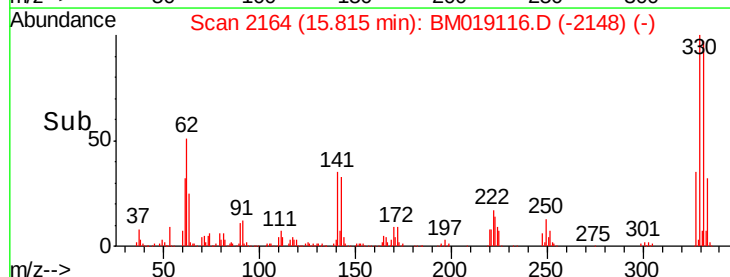
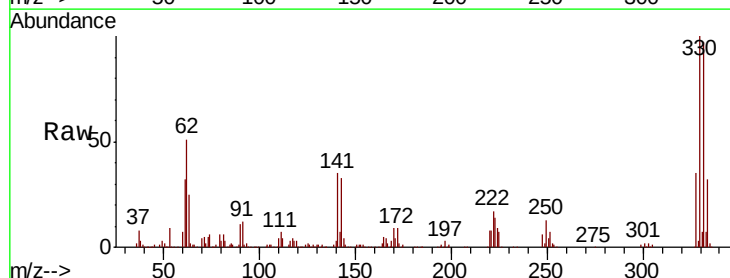
Tgt Ion:330 Resp: 799815

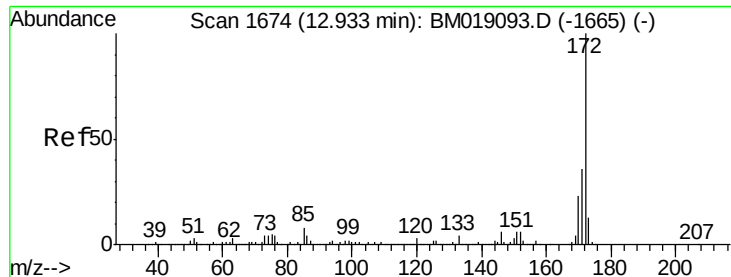
Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 35.1 27.0 40.4

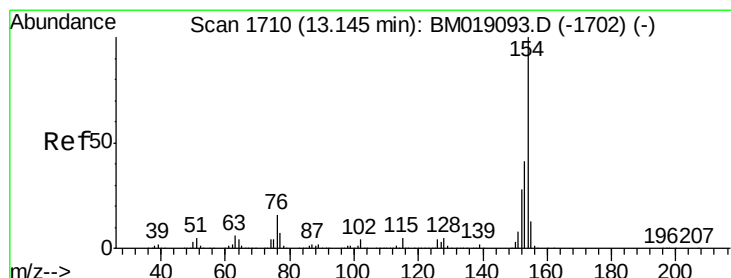
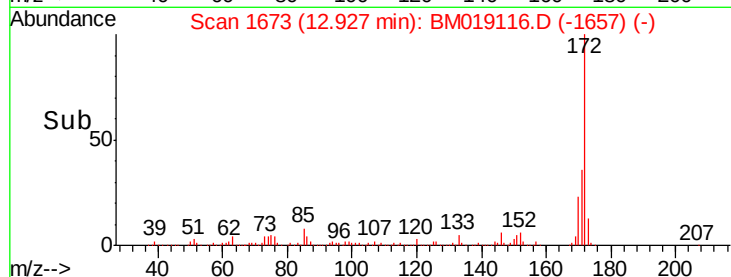
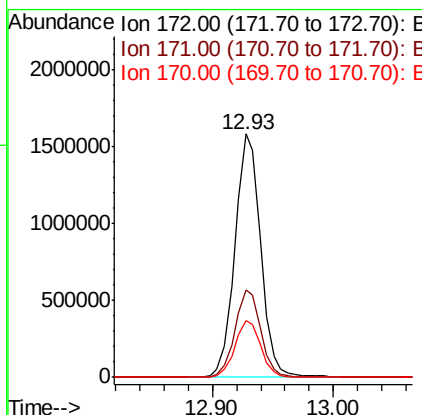
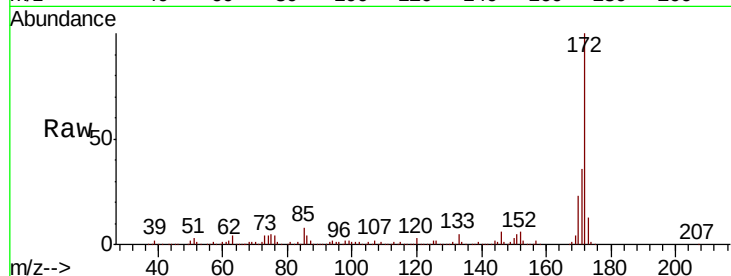




#45
2-Fluorobiphenyl
Concen: 52.149 ng
RT: 12.93 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

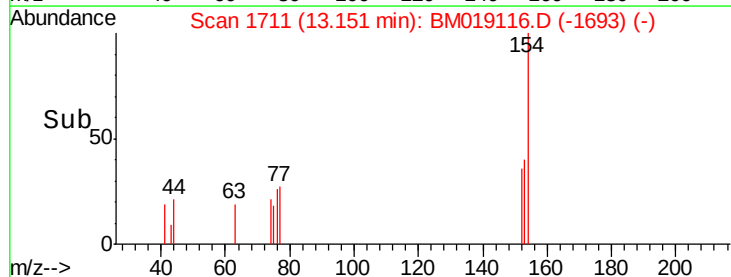
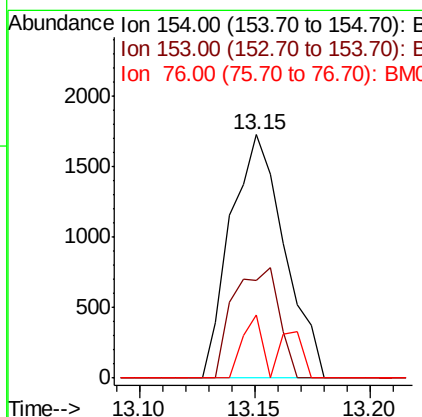
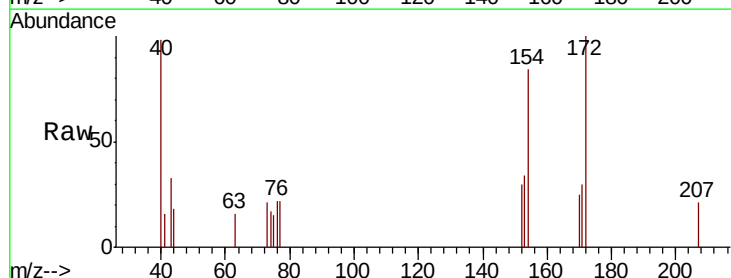
Instrument :
BNA_M
ClientSampleId :
PST-027-SW010-2-030619

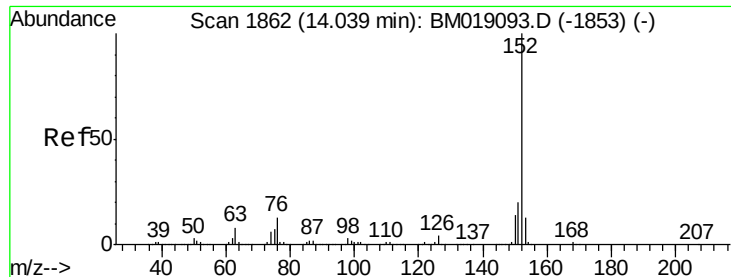
Tot Ion:172 Resp: 2354484
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.055 ng
RT: 13.15 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Tgt Ion:154 Resp: 2811
Ion Ratio Lower Upper
154 100
153 40.1 21.5 61.5
76 26.1 0.0 35.8





#49

Acenaphthylene

Concen: 0.003 ng

RT: 14.04 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

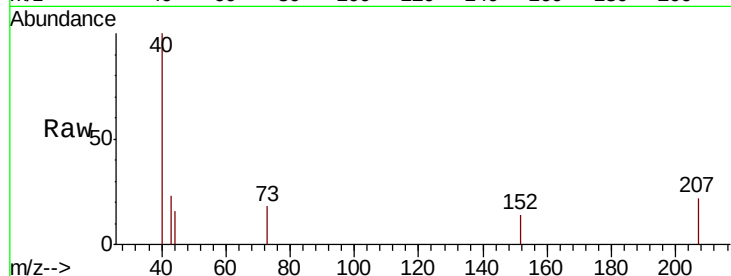
Tot Ion:152 Resp: 214

Ion Ratio Lower Upper

152 100

151 0.0 16.2 24.2#

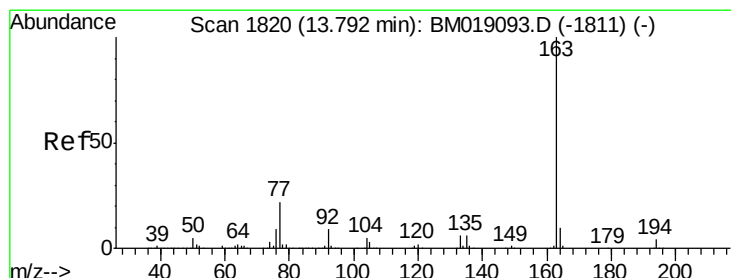
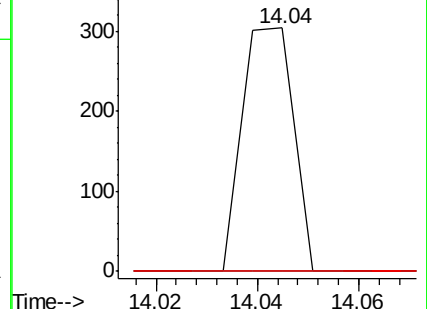
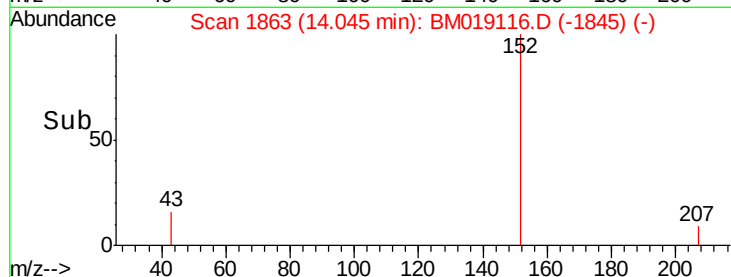
153 0.0 10.6 15.8#



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: 4.280 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

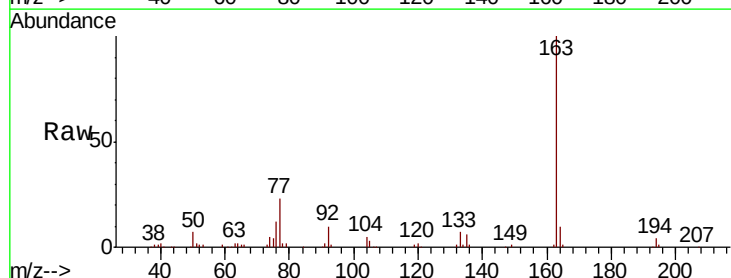
Tgt Ion:163 Resp: 215024

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

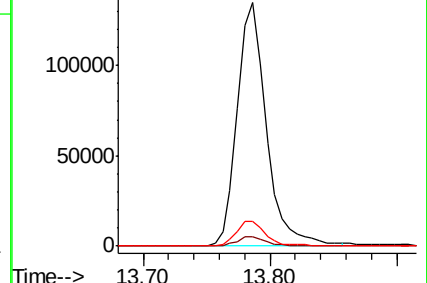
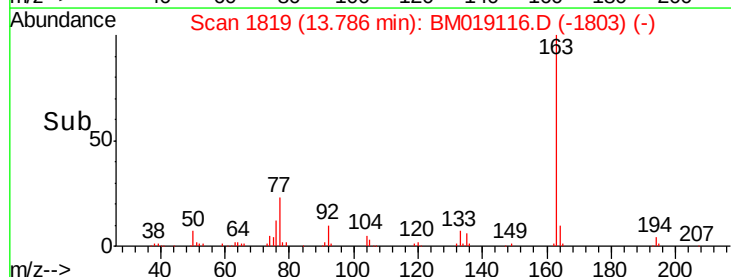
164 10.0 7.7 11.5

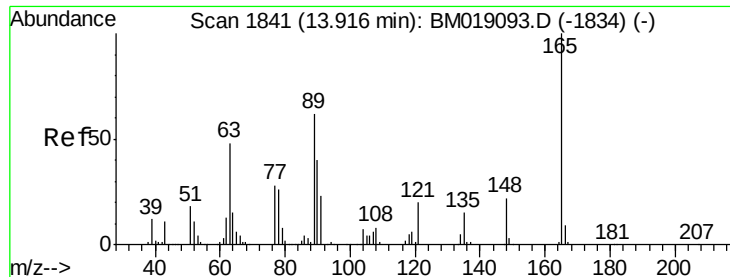


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

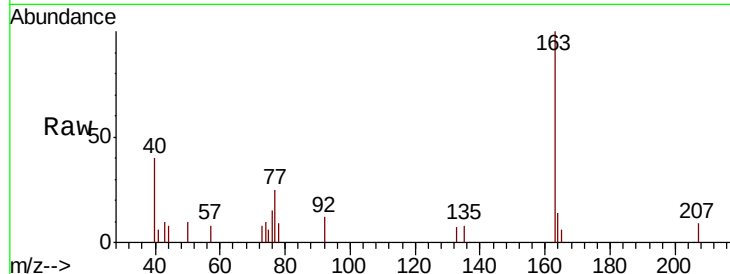




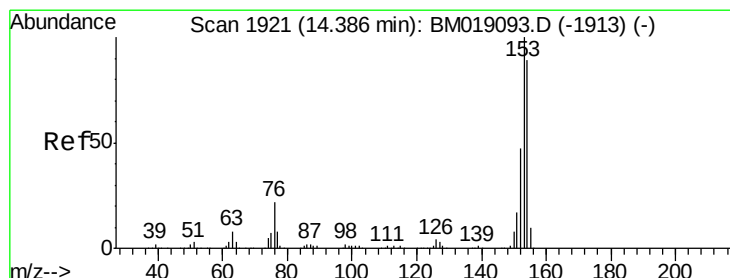
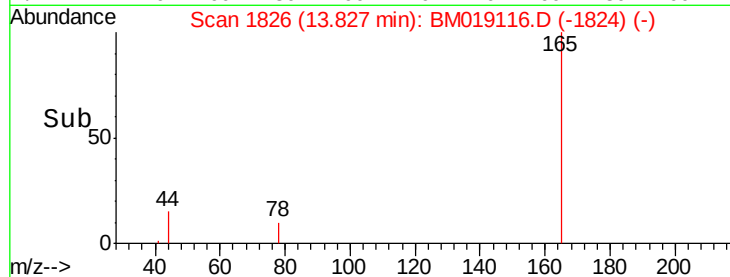
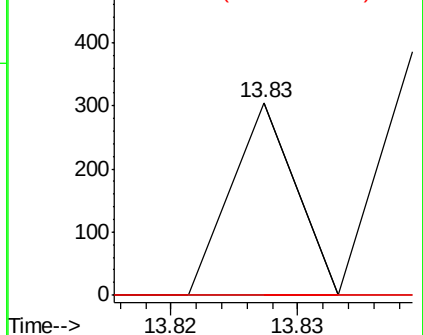
#51
2,6-Dinitrotoluene
Concen: 0.010 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.09 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Instrument :
BNA_M
ClientSampleId :
PST-027-SW010-2-030619

Tot Ion:165 Resp: 108
Ion Ratio Lower Upper
165 100
63 0.0 48.2 72.4#
89 0.0 49.3 73.9#

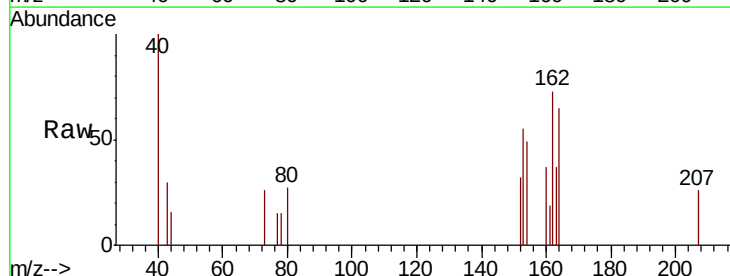


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

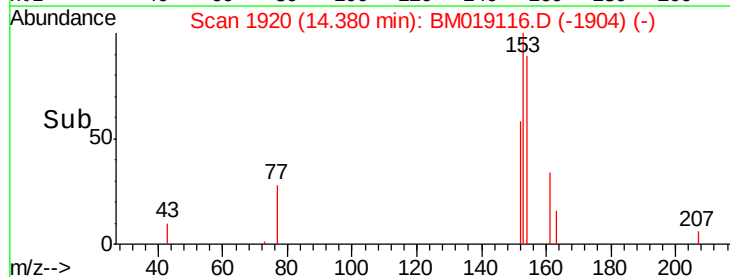
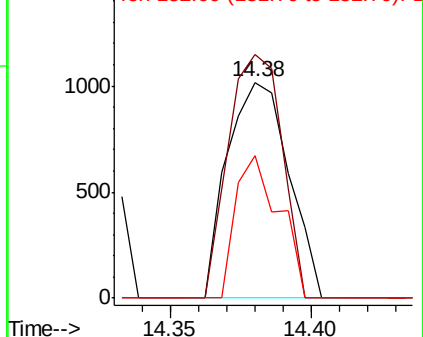


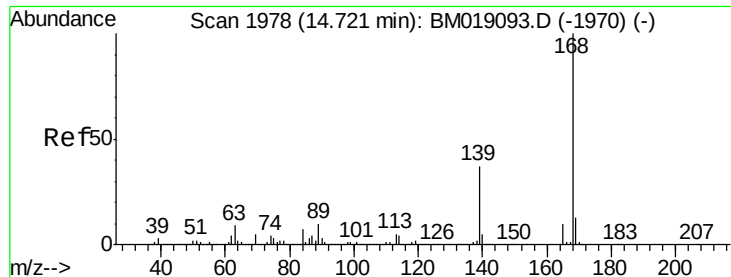
#52
Acenaphthene
Concen: 0.041 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Tgt Ion:154 Resp: 1538
Ion Ratio Lower Upper
154 100
153 112.8 90.1 135.1
152 65.9 42.5 63.7#



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

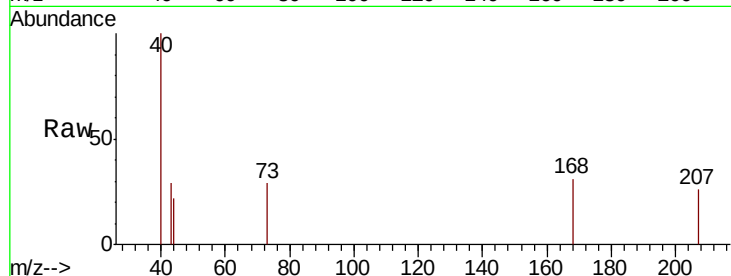




#55
Dibenzenofuran
Concen: 0.014 ng
RT: 14.74 min Scan# 1981
Delta R.T. 0.02 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

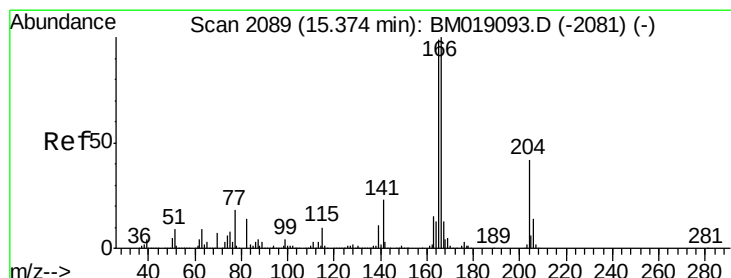
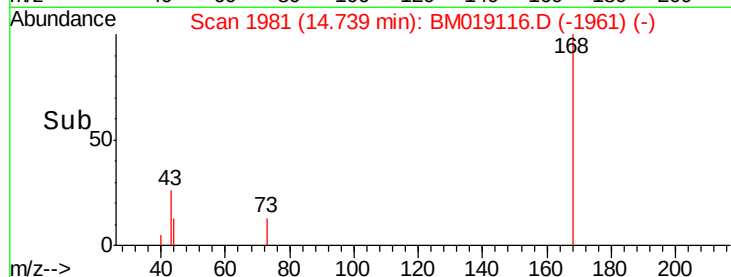
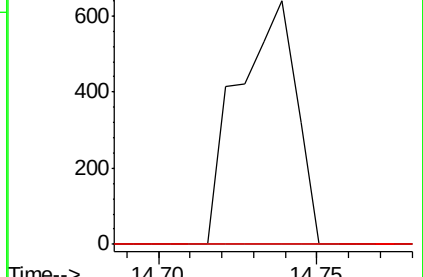
Instrument :
BNA_M
ClientSampleId :
PST-027-SW010-2-030619

Tot Ion:168 Resp: 821
Ion Ratio Lower Upper
168 100
139 0.0 30.1 45.1#
169 0.0 10.6 16.0#



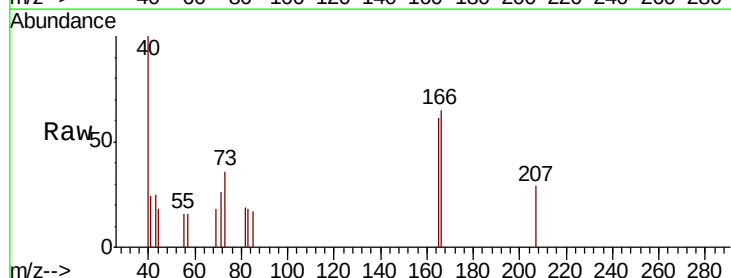
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

14.74



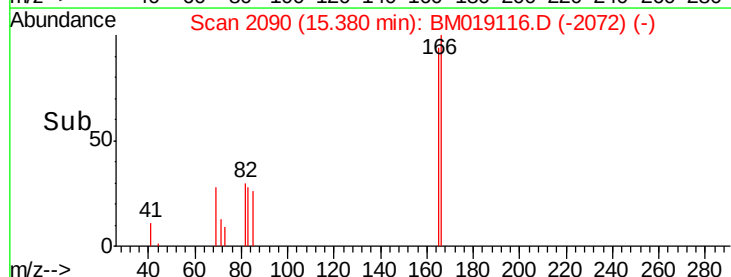
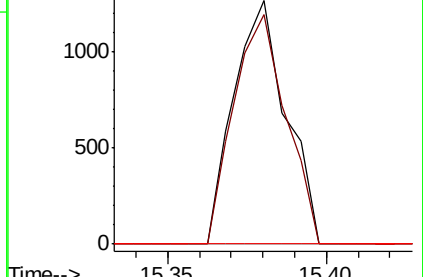
#58
Fluorene
Concen: 0.029 ng
RT: 15.38 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

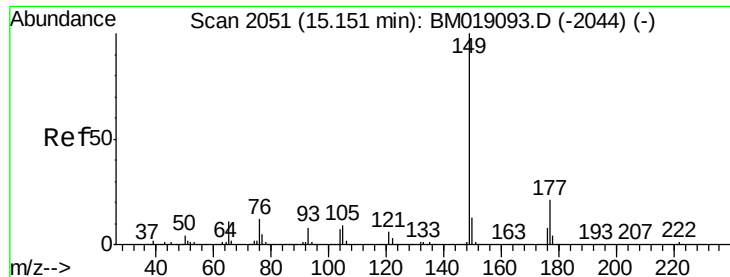
Tgt Ion:166 Resp: 1442
Ion Ratio Lower Upper
166 100
165 94.1 79.0 118.4
167 0.0 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

15.38

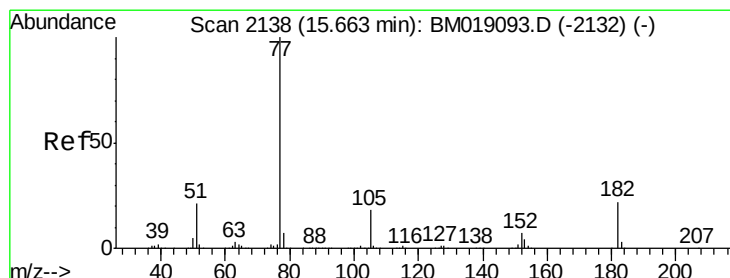
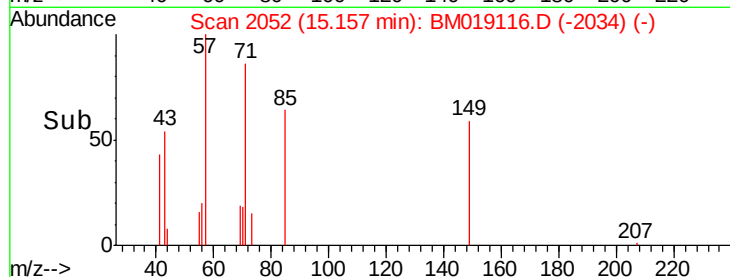
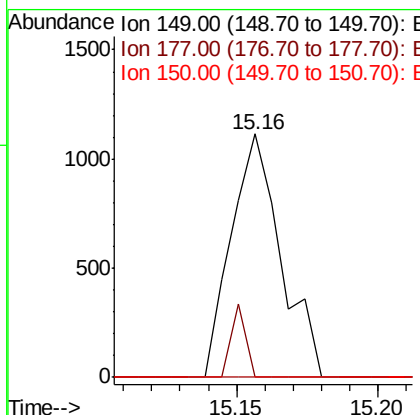
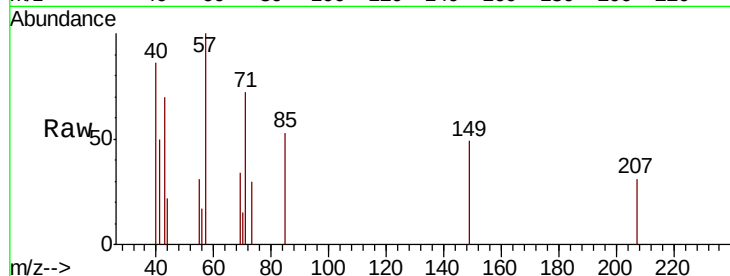




#60
Diethylphthalate
Concen: 0.027 ng
RT: 15.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

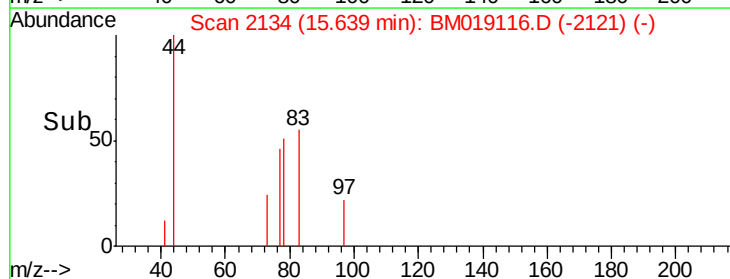
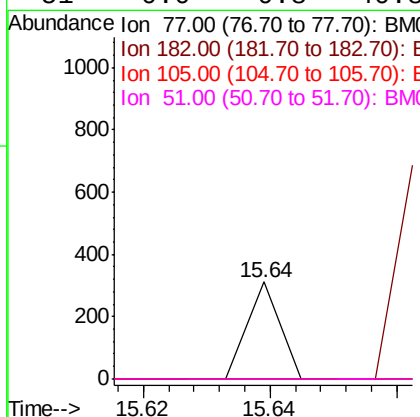
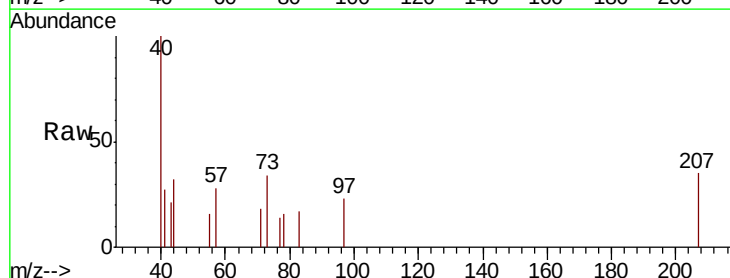
Instrument :
BNA_M
ClientSampleId :
PST-027-SW010-2-030619

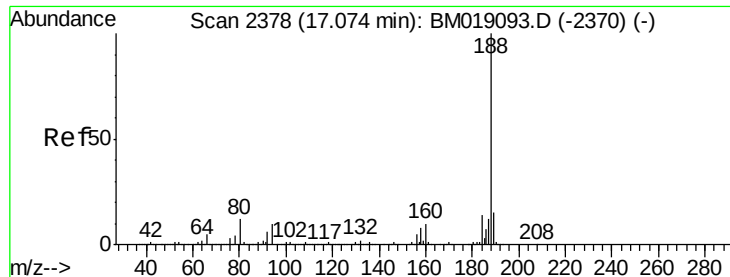
Tot Ion: 149 Resp: 1360
Ion Ratio Lower Upper
149 100
177 0.0 17.0 25.6#
150 0.0 10.2 15.4#



#63
Azobenzene
Concen: 0.002 ng
RT: 15.64 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Tgt Ion: 77 Resp: 110
Ion Ratio Lower Upper
77 100
182 0.0 1.8 41.8#
105 0.0 0.0 38.3
51 0.0 0.8 40.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

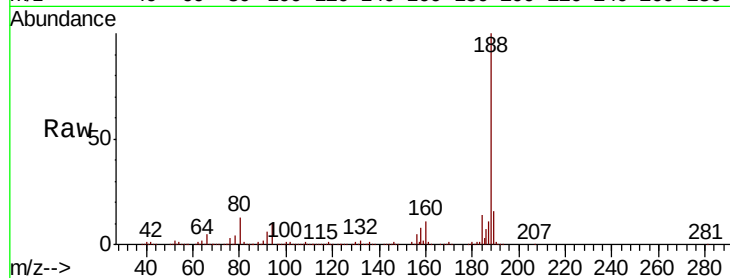
Tot Ion:188 Resp: 1365235

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

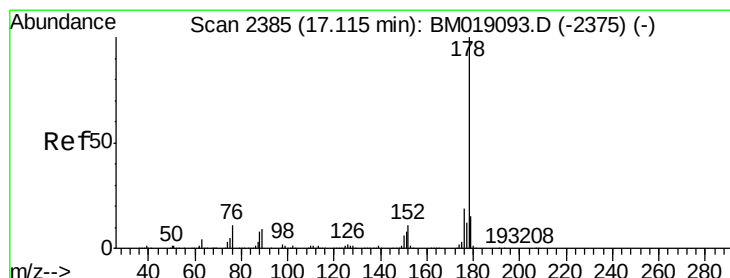
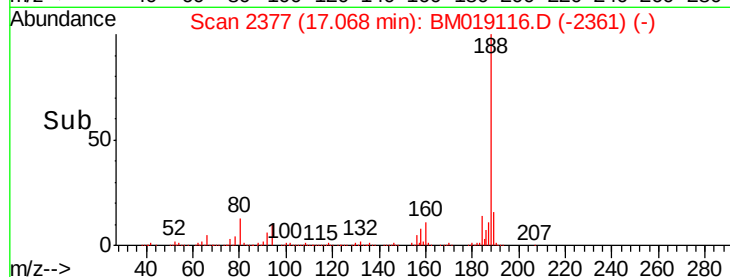
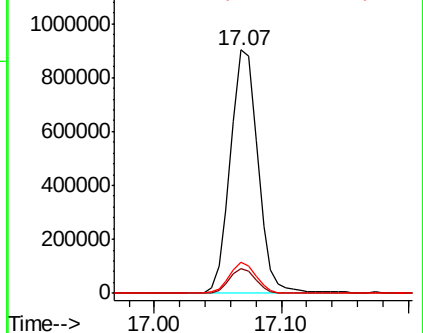
80 12.7 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 0.378 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

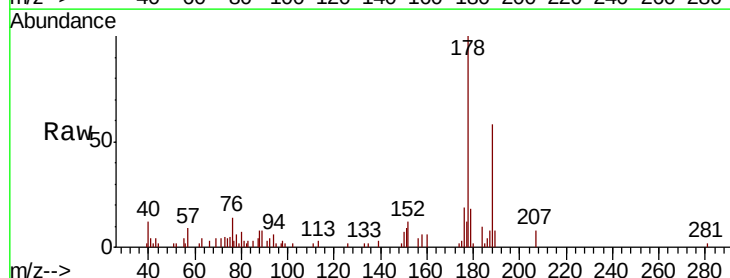
Tgt Ion:178 Resp: 30221

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

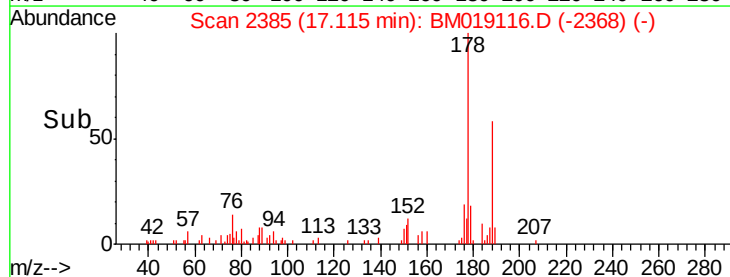
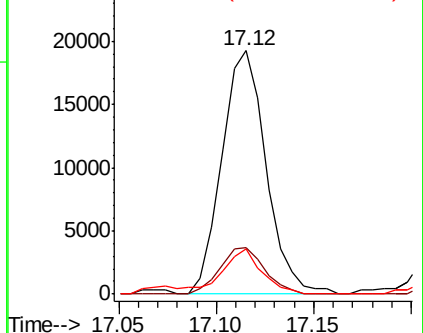
179 18.4 12.2 18.2#

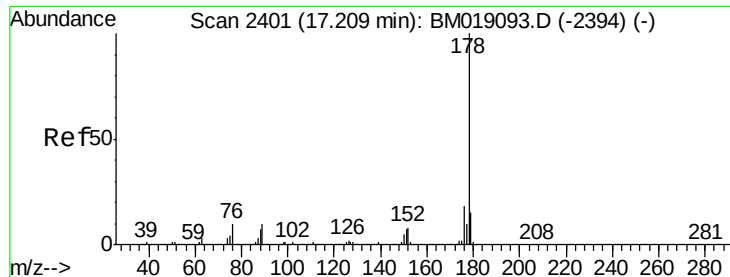


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.090 ng

RT: 17.22 min Scan# 2402

Delta R.T. 0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

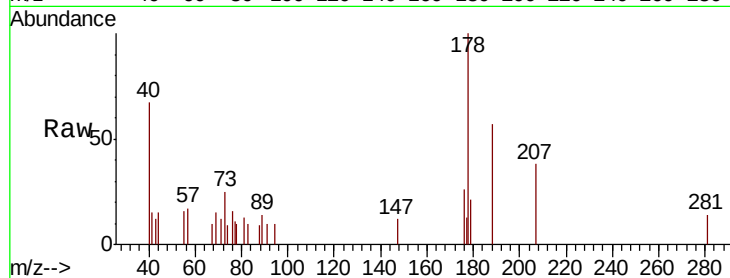
Tot Ion:178 Resp: 7087

Ion Ratio Lower Upper

178 100

176 25.5 14.6 22.0#

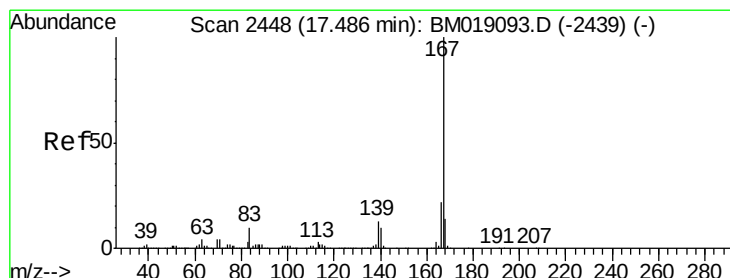
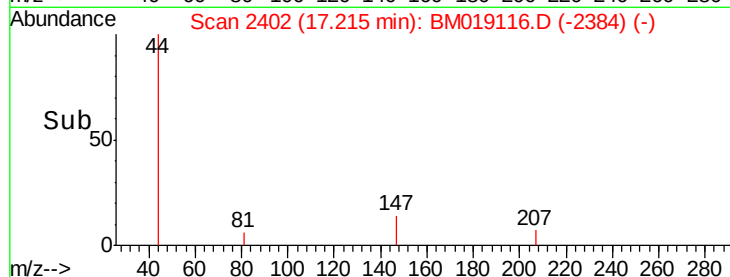
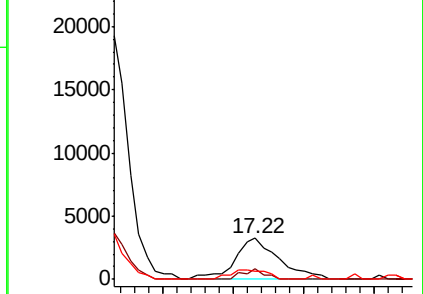
179 21.1 11.9 17.9#



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. 0.02 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

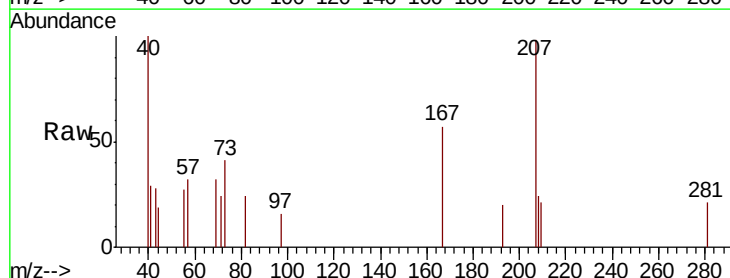
Tgt Ion:167 Resp: 2112

Ion Ratio Lower Upper

167 100

166 0.0 17.8 26.8#

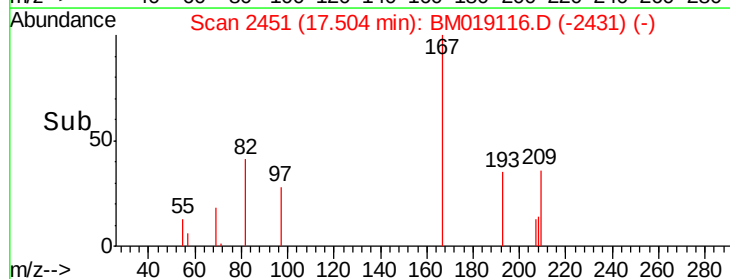
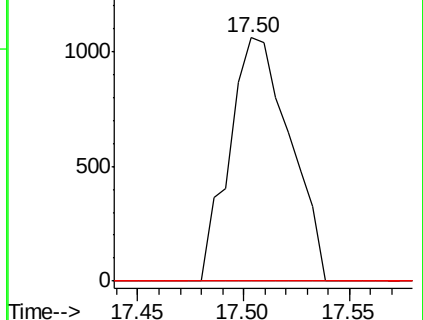
139 0.0 10.5 15.7#

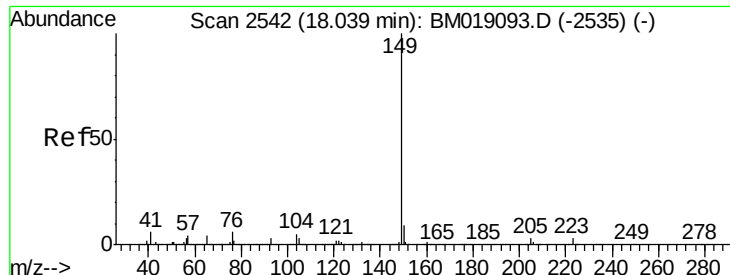


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.016 ng

RT: 18.04 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

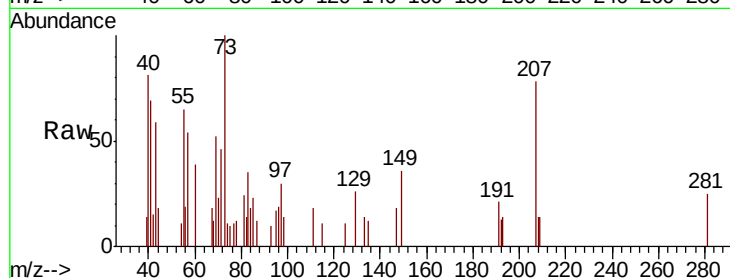
Tot Ion:149 Resp: 1445

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

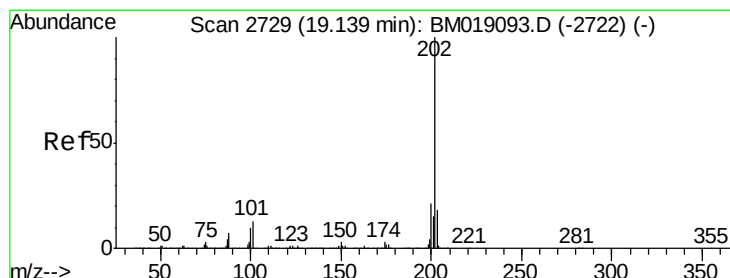
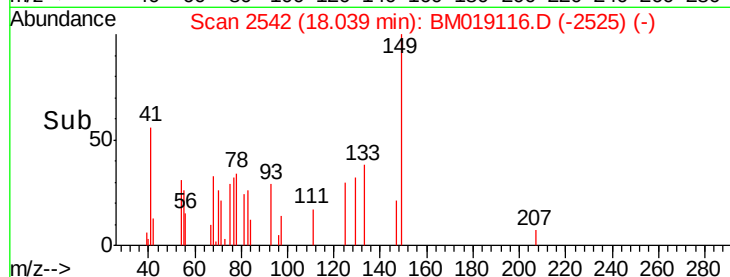
18.04

1000

500

0

Time-->



#75

Fluoranthene

Concen: 0.403 ng

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

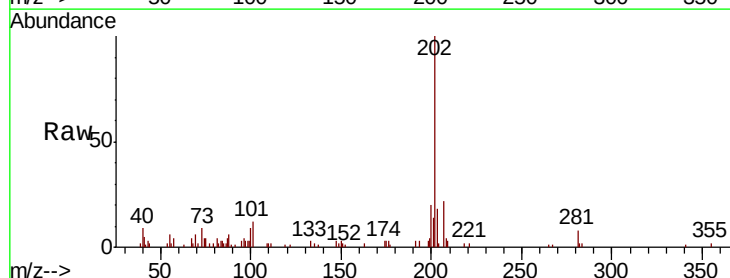
Tgt Ion:202 Resp: 37037

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.0

203 17.7 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.14

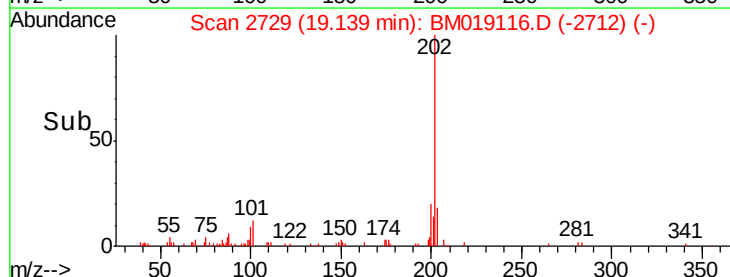
30000

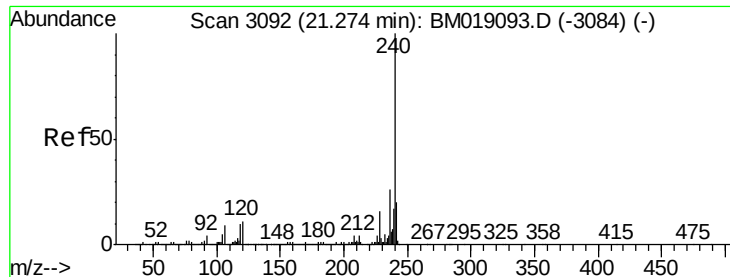
20000

10000

0

Time-->

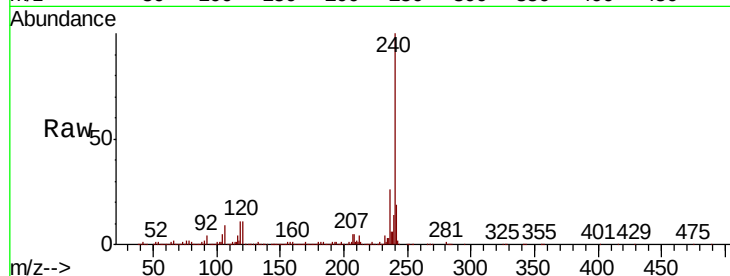




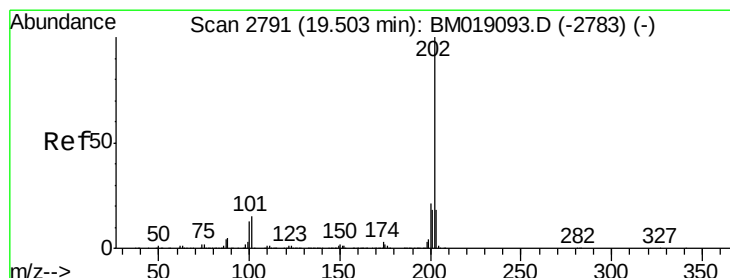
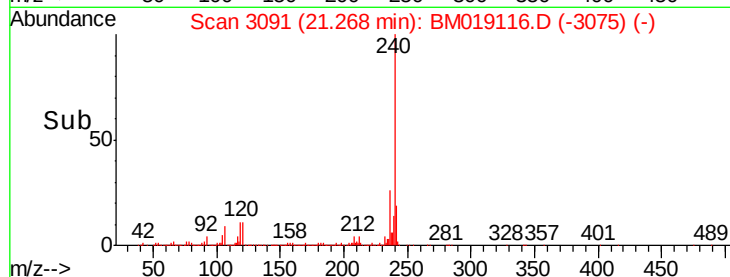
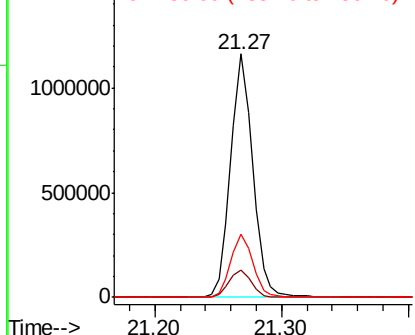
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Instrument :
BNA_M
ClientSampleId :
PST-027-SW010-2-030619

Tot Ion:240 Resp: 1410219
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.7 21.0 31.4

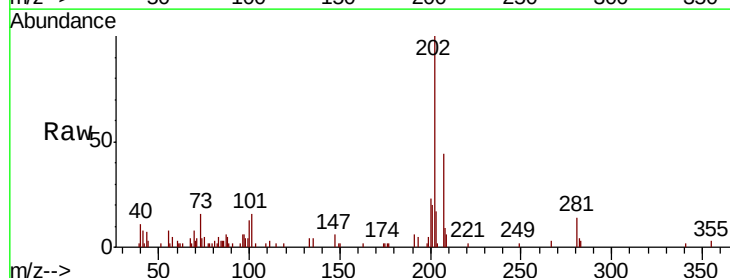


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

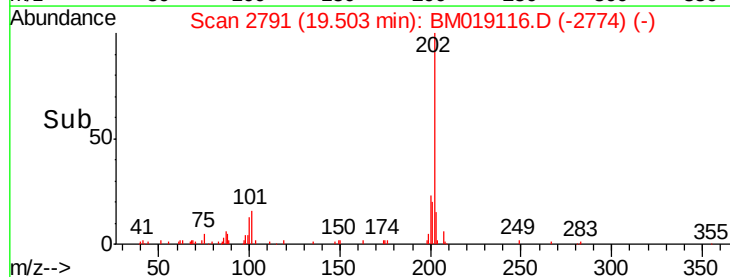
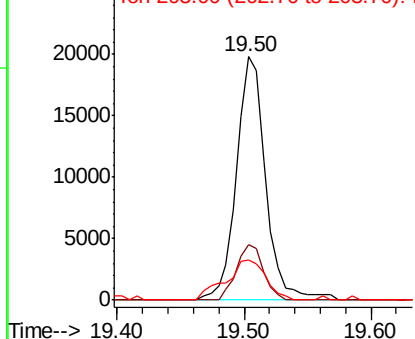


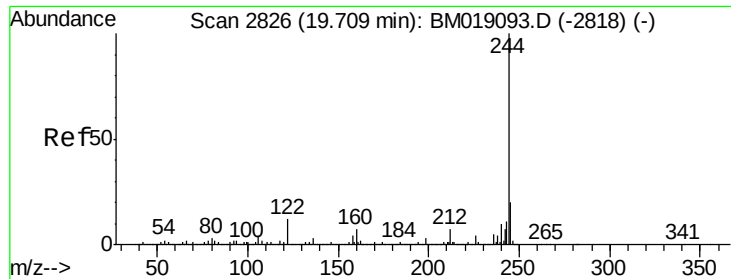
#78
Pyrene
Concen: 0.353 ng
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Tgt Ion:202 Resp: 31454
Ion Ratio Lower Upper
202 100
200 22.6 16.9 25.3
203 16.7 14.0 21.0



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: 53.093 ng

RT: 19.71 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

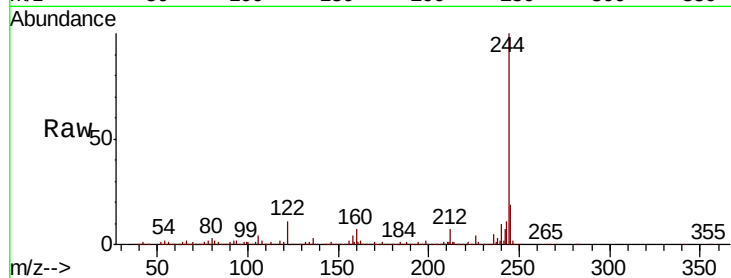
Tot Ion:244 Resp: 3771493

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

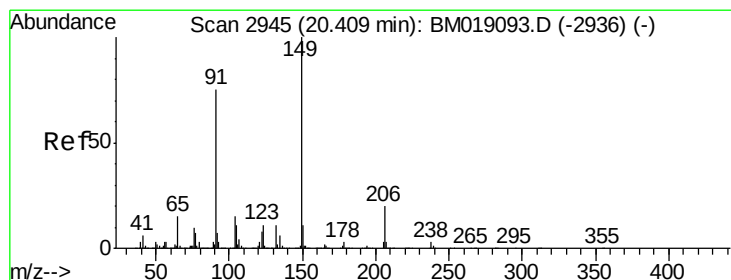
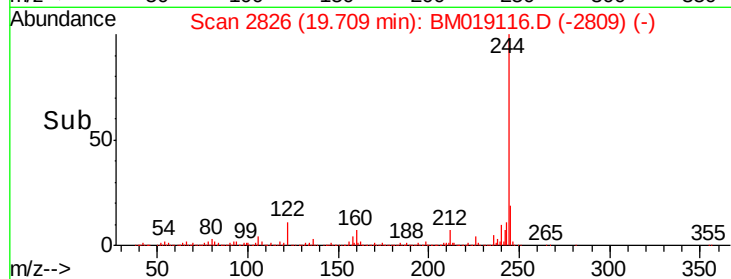
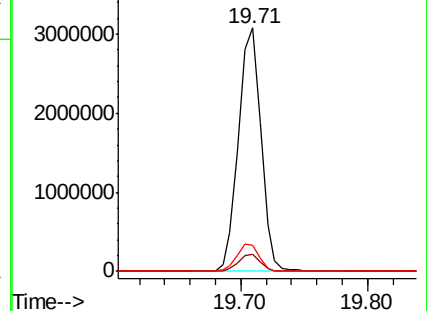
122 10.9 9.4 14.2



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: 0.024 ng

RT: 20.41 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

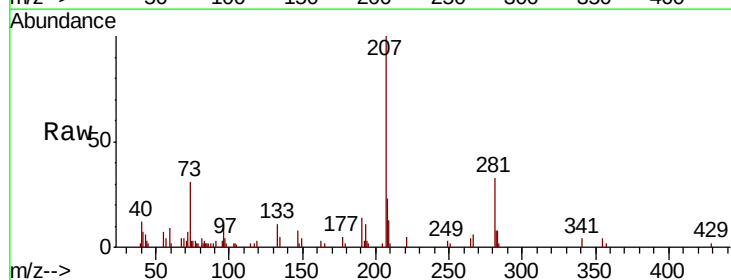
Tgt Ion:149 Resp: 941

Ion Ratio Lower Upper

149 100

91 84.7 60.1 90.1

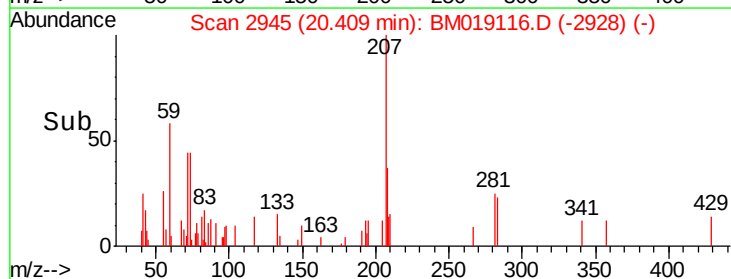
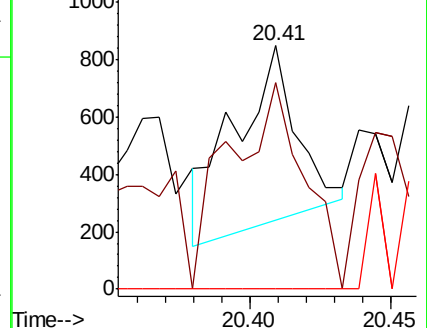
206 0.0 16.2 24.2#

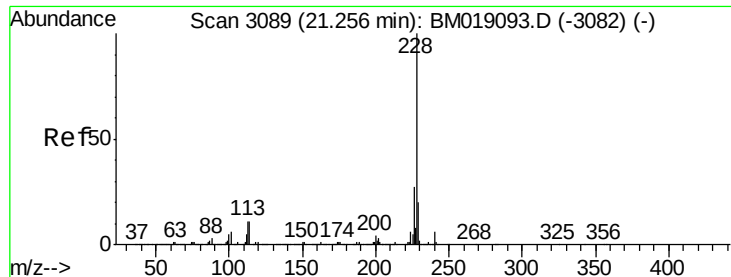


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.275 ng

RT: 21.26 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

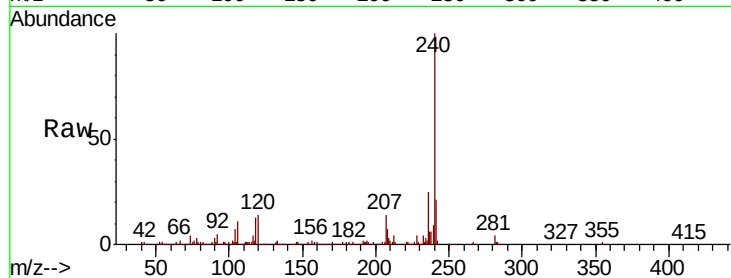
Tot Ion:228 Resp: 24328

Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.8	32.8
229	22.9	15.8	23.6

228 100

226 25.5 21.8 32.8

229 22.9 15.8 23.6

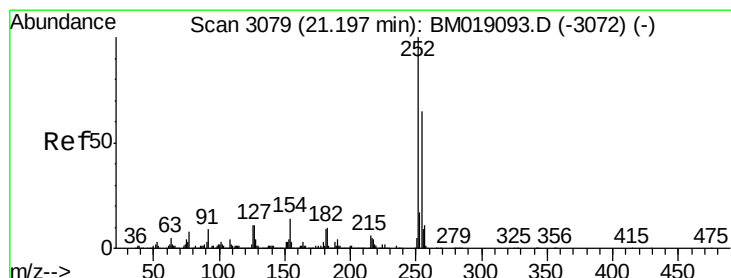
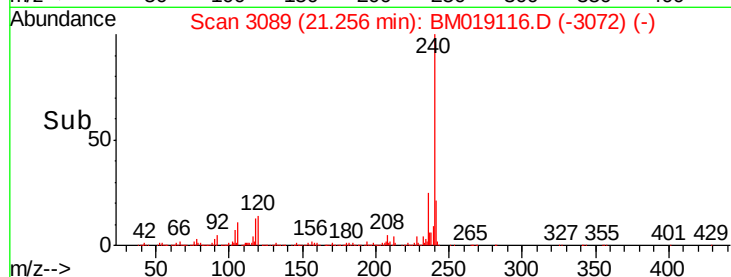
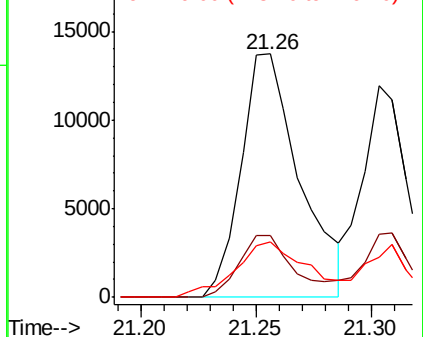


Abundance

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: 0.003 ng

RT: 21.17 min Scan# 3074

Delta R.T. -0.03 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

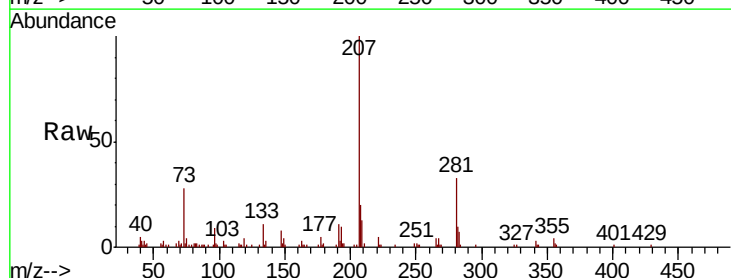
Tgt Ion:252 Resp: 106

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.4	78.6#
126	0.0	9.0	13.6#

252 100

254 0.0 52.4 78.6#

126 0.0 9.0 13.6#

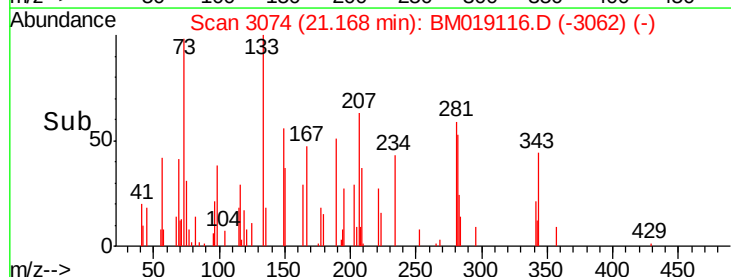
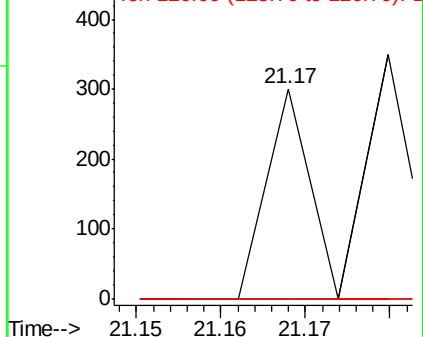


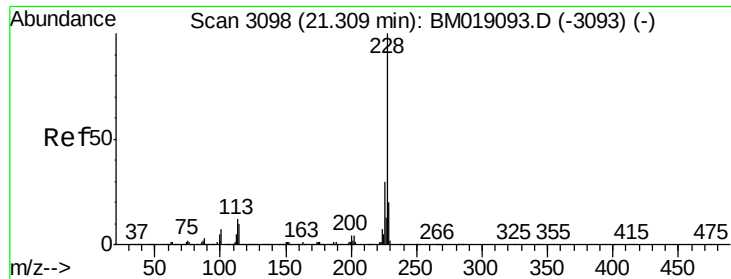
Abundance

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: 0.190 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

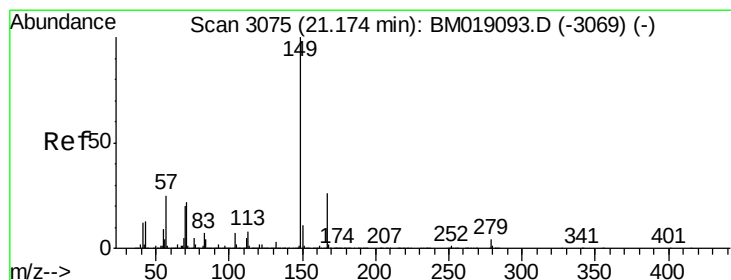
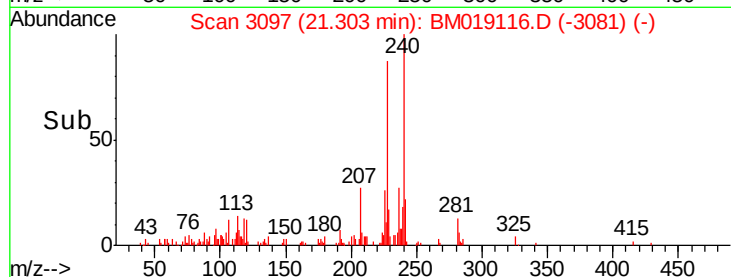
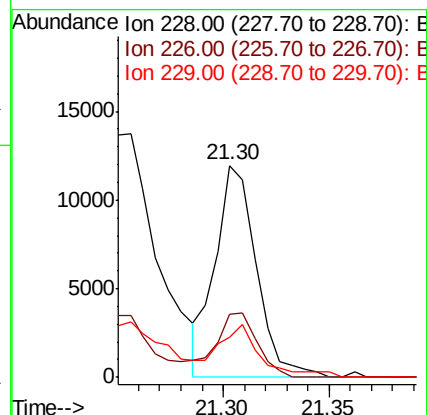
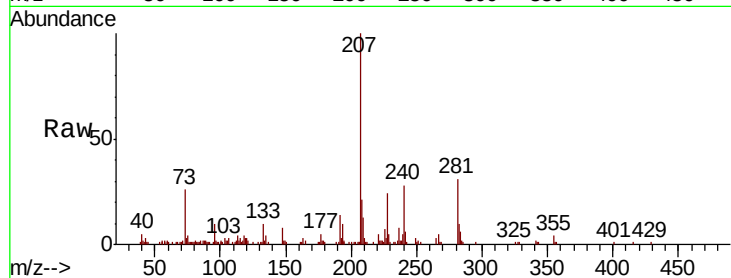
BNA_M

ClientSampleId :

PST-027-SW010-2-030619

Tot Ion:228 Resp: 16257

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.1	15.7	23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.038 ng

RT: 21.17 min Scan# 3075

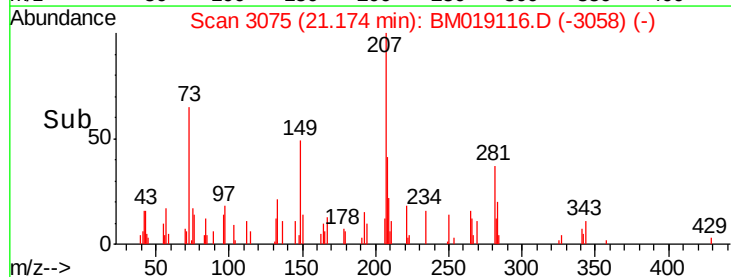
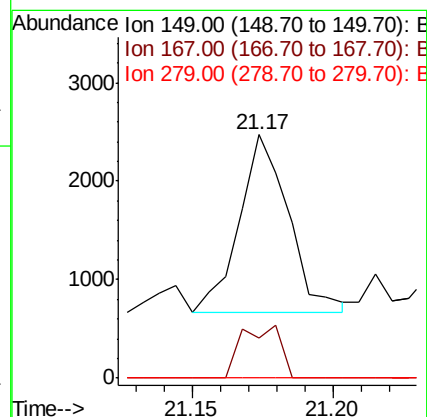
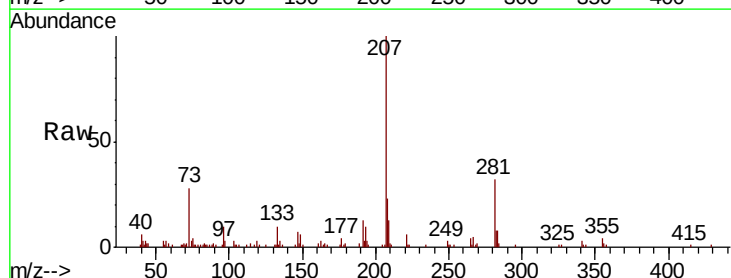
Delta R.T. -0.00 min

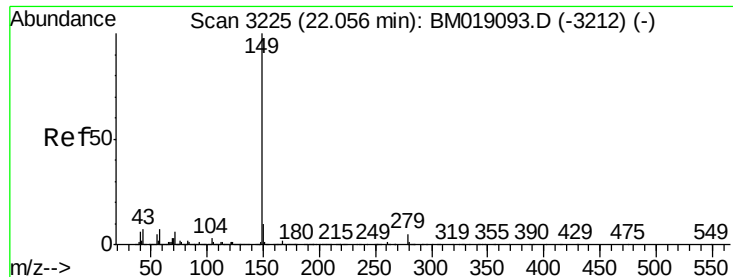
Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Tgt Ion:149 Resp: 2172

Ion	Ratio	Lower	Upper
149	100		
167	16.5	21.1	31.7#
279	0.0	3.2	4.8#

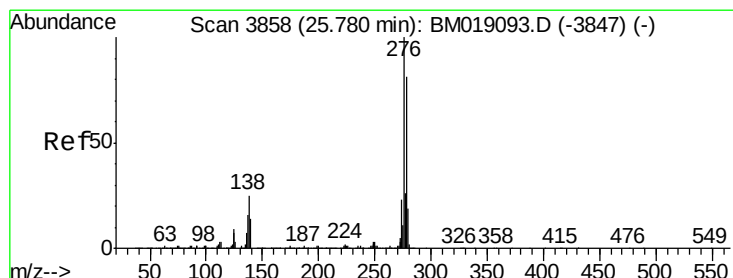
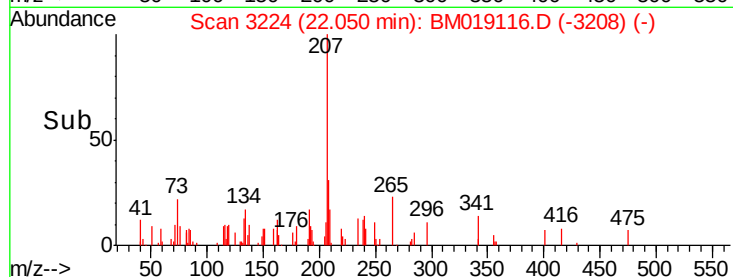
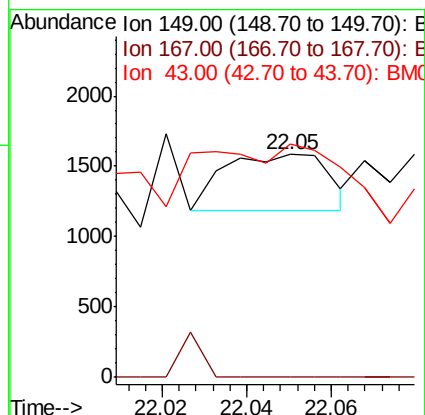
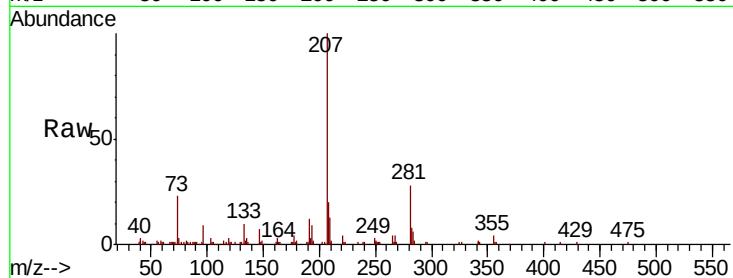




#85
Di-n-octyl phthalate
Concen: 0.007 ng
RT: 22.05 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

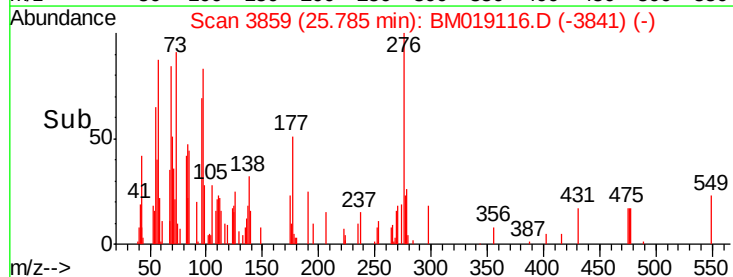
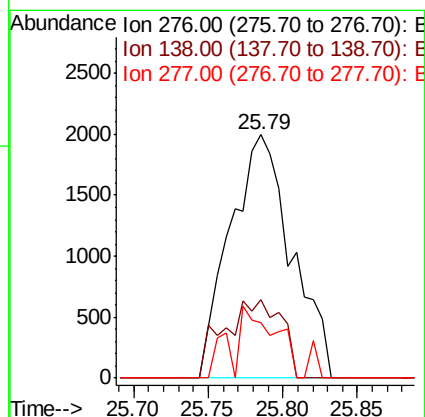
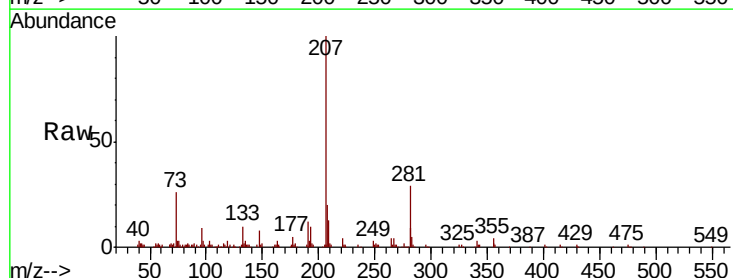
Instrument :
BNA_M
ClientSampleId :
PST-027-SW010-2-030619

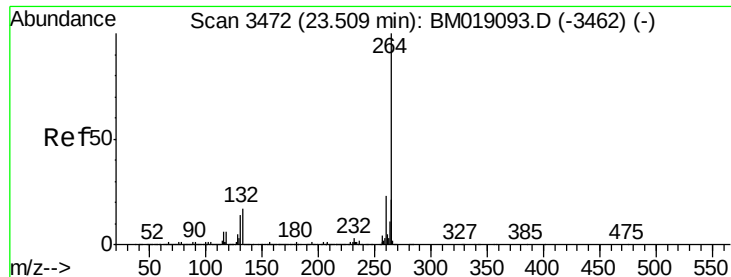
Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	6.1	9.1#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.062 ng
RT: 25.79 min Scan# 3859
Delta R.T. 0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	19.8	29.8#
277	16.4	20.3	30.5#



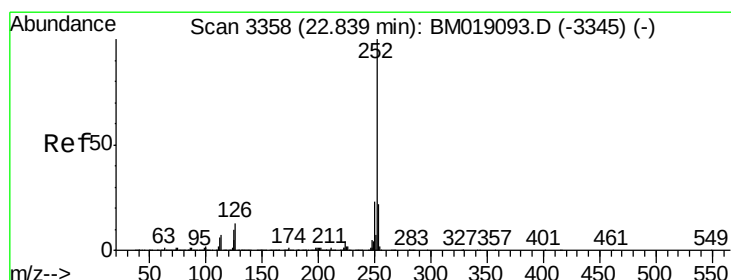
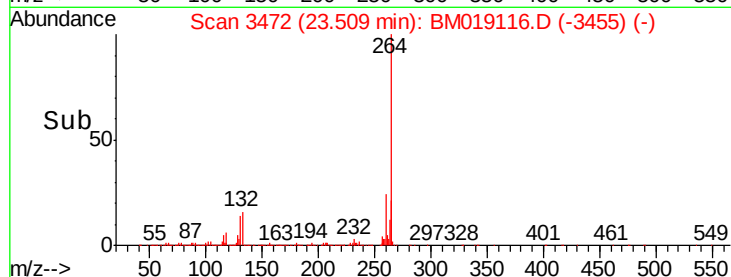
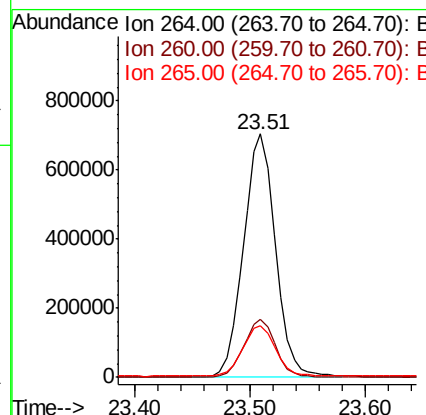
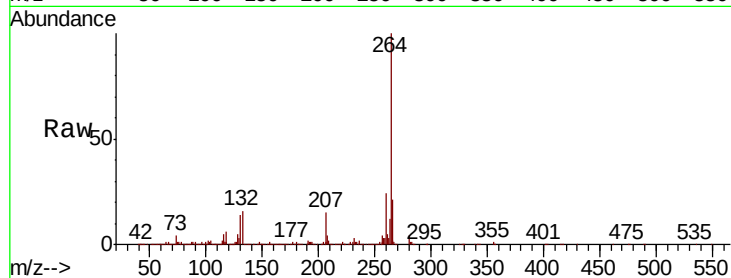


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Instrument :
BNA_M
ClientSampleId :
PST-027-SW010-2-030619

Tot Ion:264 Resp: 1355255

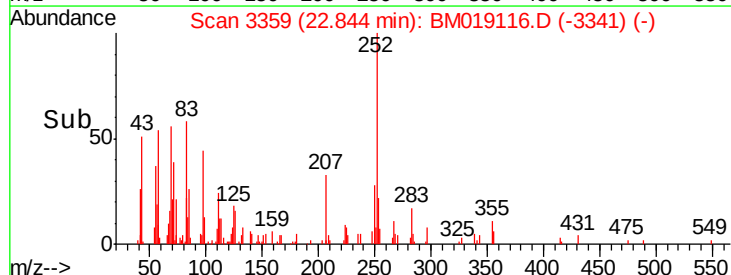
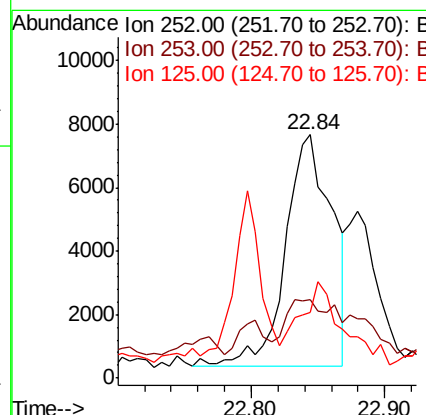
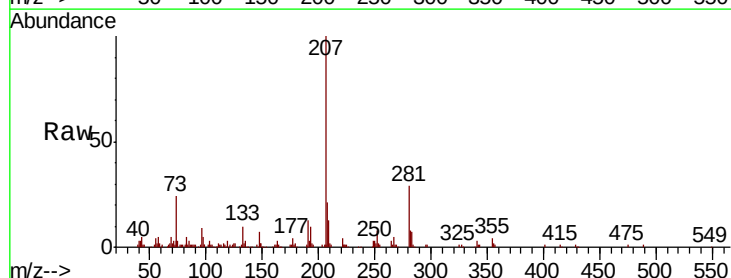
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.4	17.3	25.9

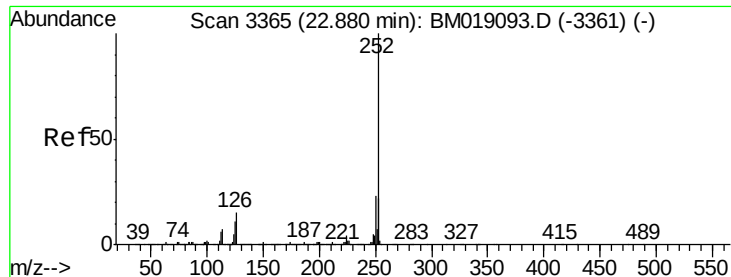


#88
Benzo(b)fluoranthene
Concen: 0.204 ng
RT: 22.84 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM019116.D
Acq: 12 Mar 2019 17:42

Tgt Ion:252 Resp: 17875

Ion	Ratio	Lower	Upper
252	100		
253	32.3	17.6	26.4#
125	27.1	8.1	12.1#





#89

Benzo(k)fluoranthene

Concen: 0.198 ng

RT: 22.84 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

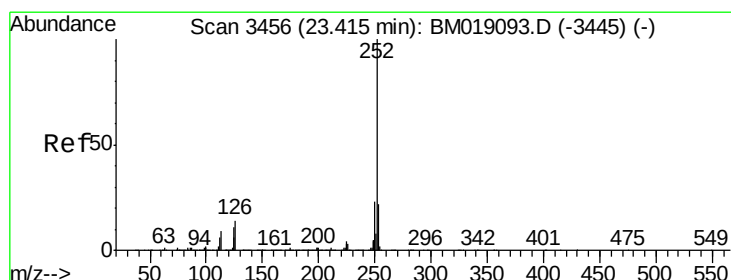
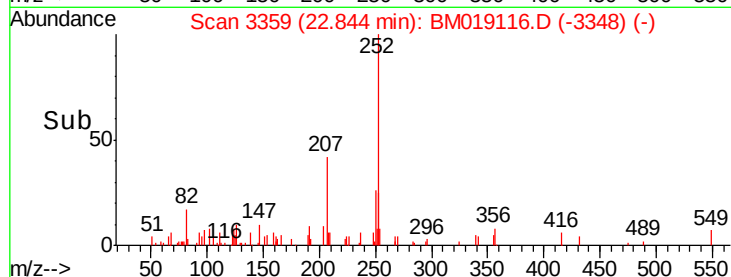
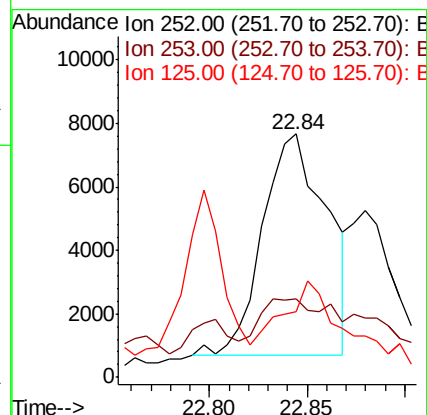
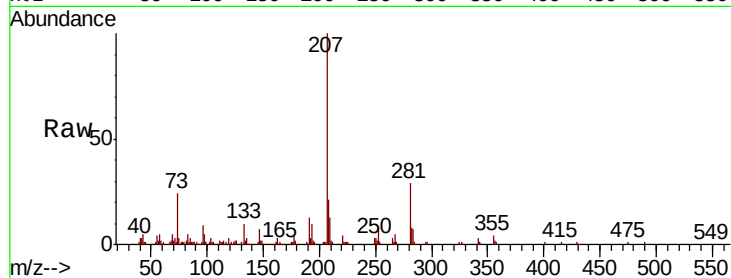
Tot Ion:252 Resp: 15961

Ion Ratio Lower Upper

252 100

253 32.3 17.6 26.4#

125 27.1 8.8 13.2#



#90

Benzo(a)pyrene

Concen: 0.149 ng

RT: 23.41 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

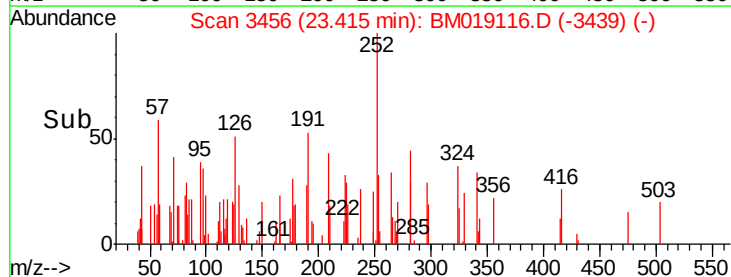
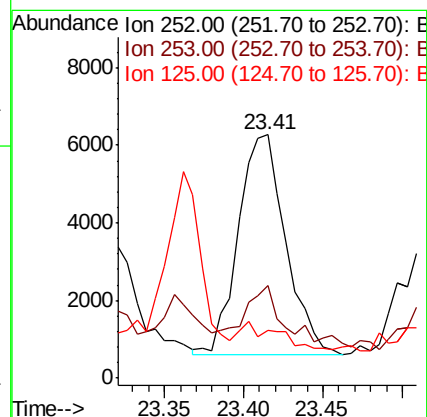
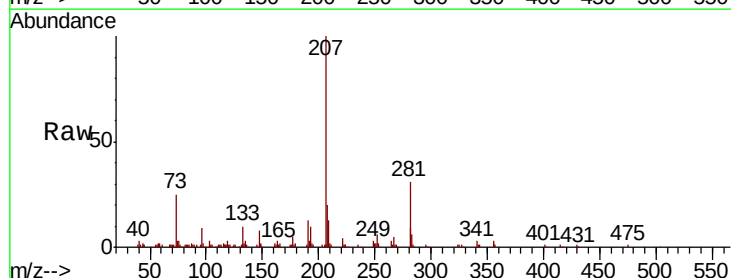
Tgt Ion:252 Resp: 11797

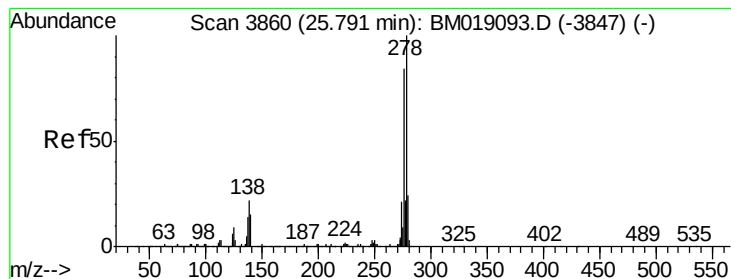
Ion Ratio Lower Upper

252 100

253 38.2 17.4 26.2#

125 19.9 9.2 13.8#





#91

Dibenzo(a,h)anthracene

Concen: 0.019 ng

RT: 25.79 min Scan# 3860

Delta R.T. -0.00 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Instrument :

BNA_M

ClientSampleId :

PST-027-SW010-2-030619

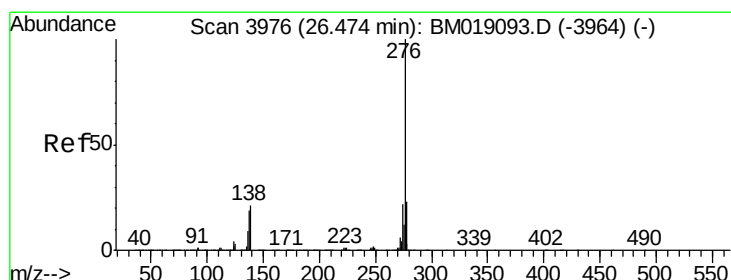
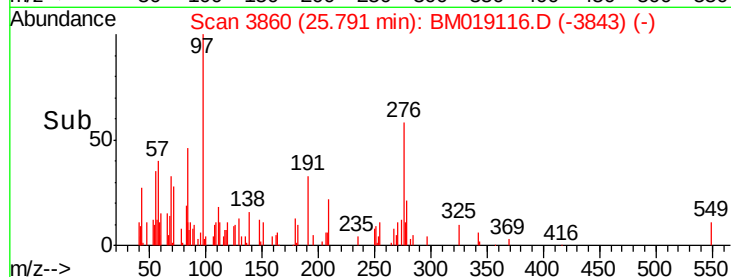
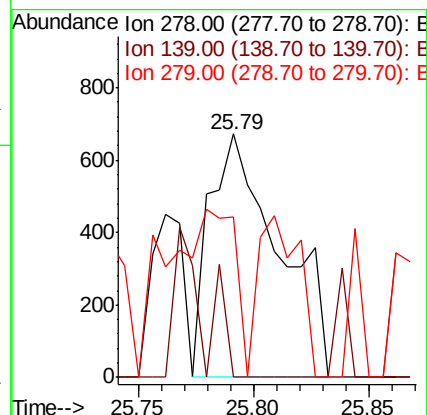
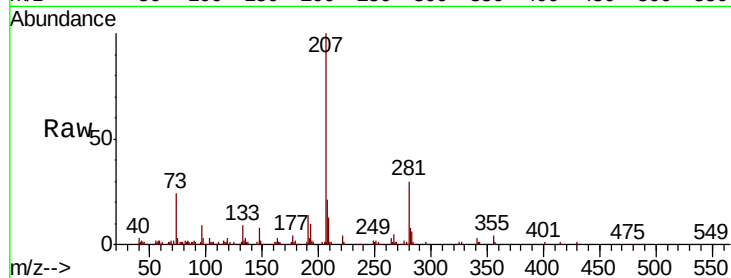
Tot Ion:278 Resp: 1417

Ion Ratio Lower Upper

278 100

139 0.0 12.3 18.5#

279 66.0 18.9 28.3#



#92

Benzo(g,h,i)perylene

Concen: 0.069 ng

RT: 26.48 min Scan# 3977

Delta R.T. 0.01 min

Lab File: BM019116.D

Acq: 12 Mar 2019 17:42

Tgt Ion:276 Resp: 4768

Ion Ratio Lower Upper

276 100

277 31.3 18.8 28.2#

138 0.0 17.0 25.4#

