

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
 Data File : BM019045.D
 Acq On : 05 Mar 2019 20:18
 Operator : JU/SJ
 Sample : K1705-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B105-022719

Quant Time: Mar 06 05:57:24 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	252010	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	911896	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	459873	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	933463	20.00	ng	0.00
76) Chrysene-d12	21.28	240	892544	20.00	ng	0.00
87) Perylene-d12	23.52	264	990443	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	2042514	132.80	ng	0.00
7) Phenol-d6	6.86	99	2698147	124.52	ng	0.00
23) Nitrobenzene-d5	8.85	82	1692068	85.80	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	797691	120.33	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	2680533	77.38	ng	0.00
79) Terphenyl-d14	19.72	244	3058722	70.69	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	530	0.079	ng	# 35
3) Pyridine	3.64	79	385	0.021	ng	# 1
4) n-Nitrosodimethylamine	3.55	42	366	0.079	ng	# 1
8) 2-Chlorophenol	7.25	128	219	0.013	ng	# 1
9) Benzaldehyde	6.85	77	7053	Below Cal		# 13
10) Phenol	6.88	94	38356	1.682	ng	# 84
15) Benzyl Alcohol	7.99	79	28709	1.667	ng	# 49
22) Acetophenone	8.51	105	117	0.005	ng	# 1
24) Nitrobenzene	8.85	77	5582	0.273	ng	# 42
25) Isophorone	9.41	82	650	0.021	ng	# 68
31) Naphthalene	10.51	128	2258	0.051	ng	# 68
37) 2-Methylnaphthalene	12.14	142	735	0.023	ng	# 77
38) 1-Methylnaphthalene	12.36	142	1135	0.037	ng	# 81
46) 1,1'-Biphenyl	13.16	154	3993	0.101	ng	# 90
49) Acenaphthylene	14.06	152	4939	0.108	ng	# 95
50) Dimethylphthalate	13.79	163	192197	5.015	ng	# 100
52) Acenaphthene	14.39	154	3628	0.130	ng	# 80
55) Dibenzofuran	14.74	168	2628	0.057	ng	# 77
58) Fluorene	15.38	166	3432	0.098	ng	# 79
60) Diethylphthalate	15.16	149	2470	0.062	ng	# 83
63) Azobenzene	15.70	77	1430	0.034	ng	# 37
71) Phenanthrene	17.13	178	85006	1.695	ng	# 99
72) Anthracene	17.22	178	14094	0.289	ng	# 95
73) Carbazole	17.50	167	6540	0.128	ng	# 94
74) Di-n-butylphthalate	18.04	149	10567	0.180	ng	# 93
75) Fluoranthene	19.14	202	119425	2.061	ng	# 99
78) Pyrene	19.51	202	116594	2.249	ng	# 99
80) Butylbenzylphthalate	20.42	149	2149	0.091	ng	# 88
81) Benzo(a)anthracene	21.26	228	63657	1.224	ng	# 98
82) 3,3'-Dichlorobenzidine	21.20	252	405	0.020	ng	# 26
83) Chrysene	21.32	228	61514	1.234	ng	# 98
84) Bis(2-ethylhexyl)phthalate	21.19	149	84627	2.447	ng	# 96
85) Di-n-octyl phthalate	22.07	149	1869	0.032	ng	# 33
86) Indeno(1,2,3-cd)pyrene	25.79	276	35599	0.618	ng	# 98

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QLast Update : Tue Mar 05 03:36:13 2019
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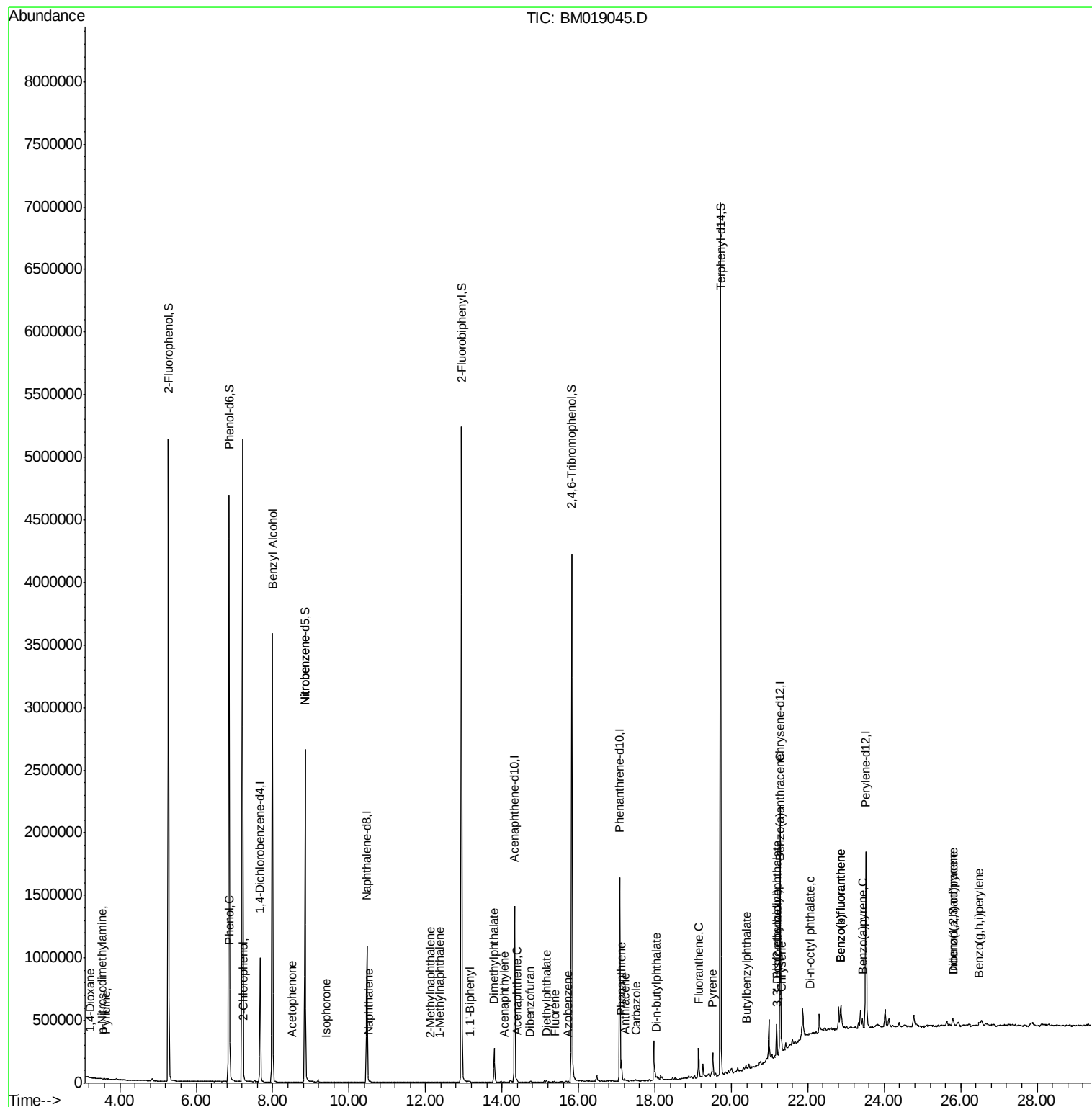
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	22.85	252	99182	1.750	ng	# 93
89) Benzo(k)fluoranthene	22.85	252	98481	1.746	ng	# 93
90) Benzo(a)pyrene	23.42	252	52561	0.979	ng	# 97
91) Dibenzo(a,h)anthracene	25.80	278	12358	0.232	ng	# 80
92) Benzo(g,h,i)perylene	26.49	276	33718	0.681	ng	# 91

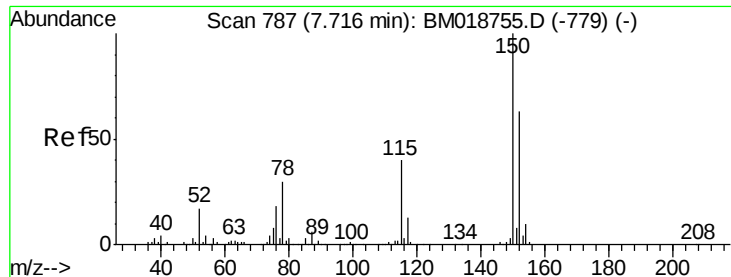
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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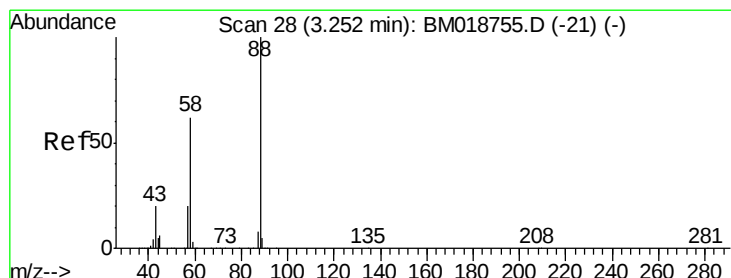
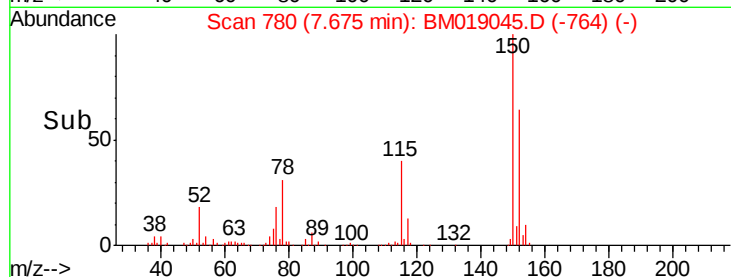
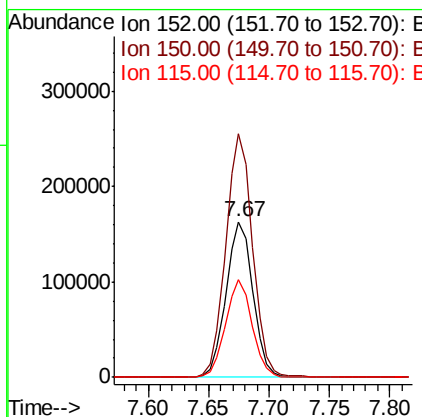
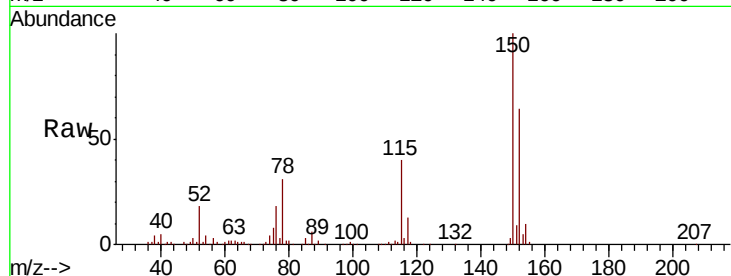


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

Instrument :
BNA_M
ClientSampleId :
PST-028-B105-022719

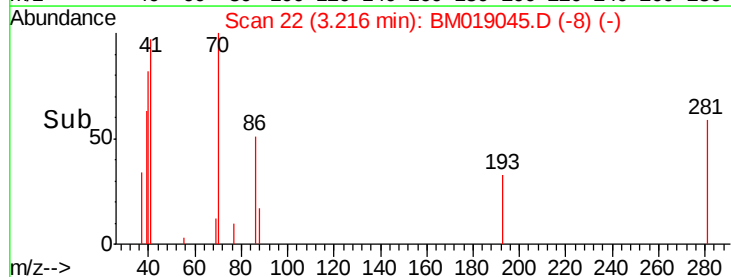
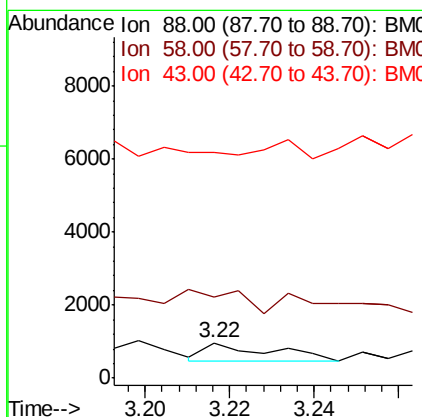
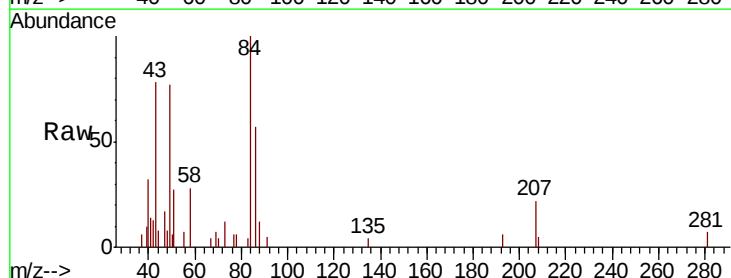
Tgt Ion:152 Resp: 252010
Ion Ratio Lower Upper
152 100
150 156.3 127.3 190.9
115 62.8 50.8 76.2

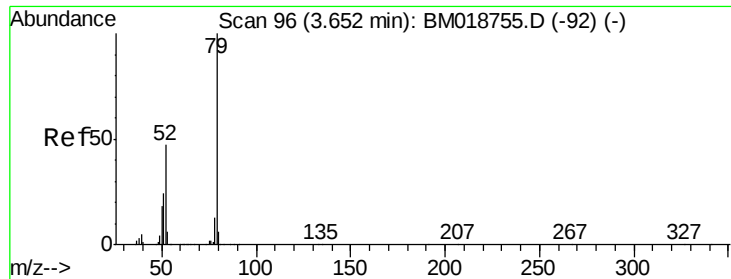


#2

1,4-Dioxane
Concen: 0.079 ng
RT: 3.22 min Scan# 22
Delta R.T. -0.02 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

Tgt Ion: 88 Resp: 530
Ion Ratio Lower Upper
88 100
58 117.5 49.8 74.6#
43 0.0 16.7 25.1#

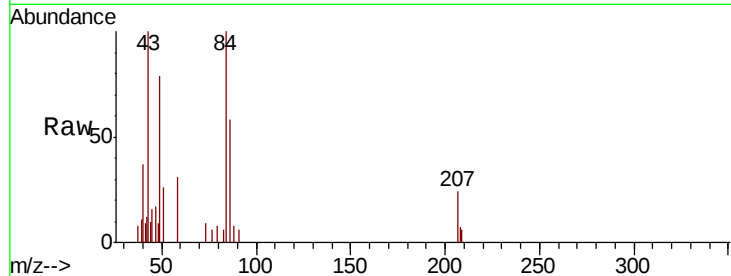




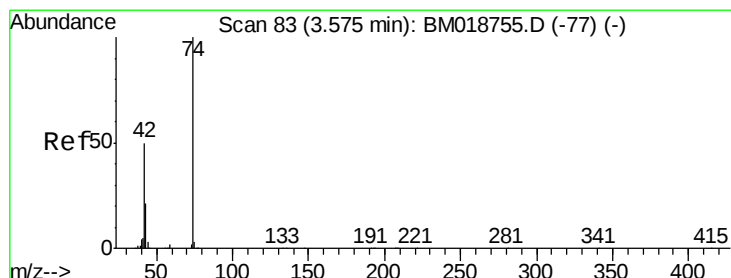
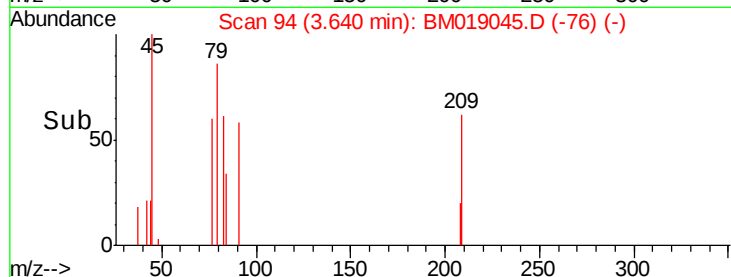
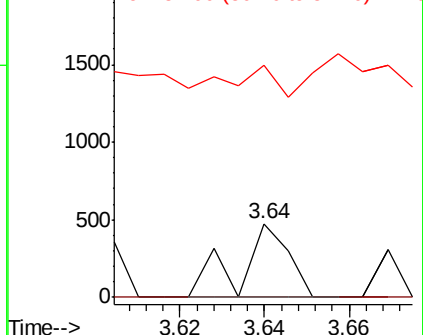
#3
 Pyridine
 Concen: 0.021 ng
 RT: 3.64 min Scan# 94
 Delta R.T. 0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B105-022719

Tgt Ion: 79 Resp: 385
 Ion Ratio Lower Upper
 79 100
 52 0.0 37.6 56.4#
 51 314.1 19.7 29.5#

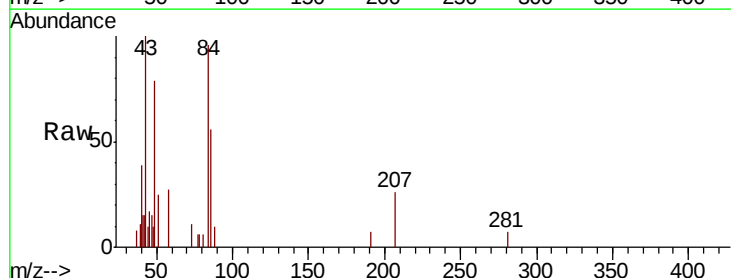


Abundance Ion 79.00 (78.70 to 79.70): BM0
 Ion 52.00 (51.70 to 52.70): BM0
 Ion 51.00 (50.70 to 51.70): BM0

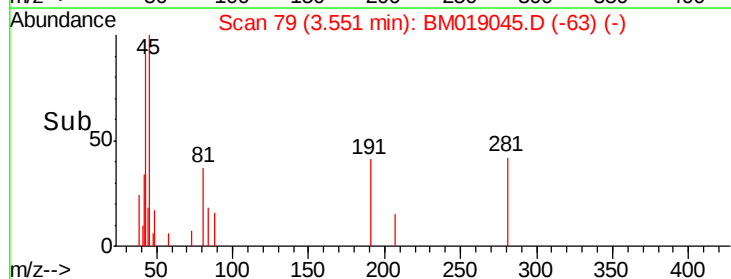
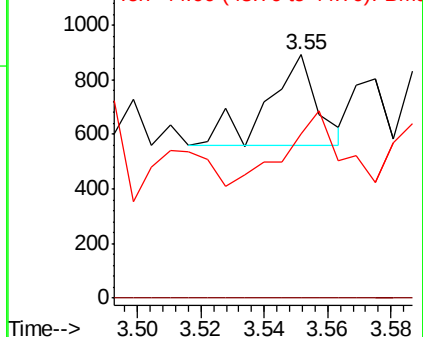


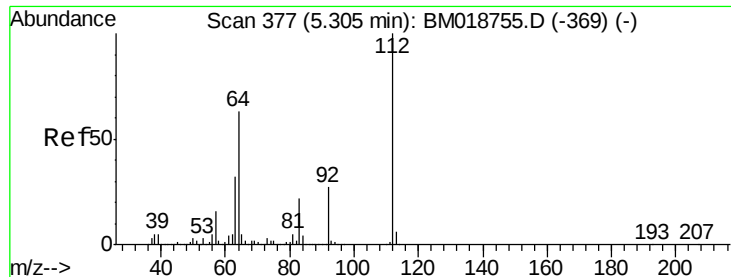
#4
 n-Nitrosodimethylamine
 Concen: 0.079 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

Tgt Ion: 42 Resp: 366
 Ion Ratio Lower Upper
 42 100
 74 0.0 158.1 237.1#
 44 67.3 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 132.797 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

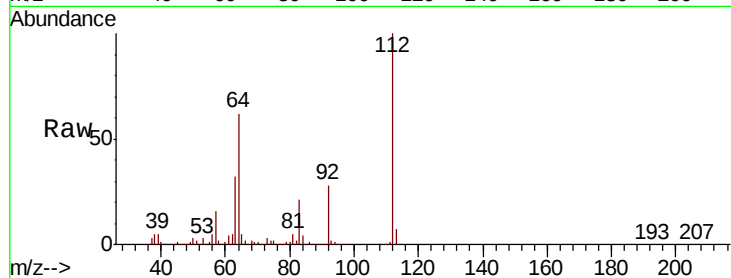
Tgt Ion: 112 Resp: 2042514

Ion Ratio Lower Upper

112 100

64 62.4 50.6 75.8

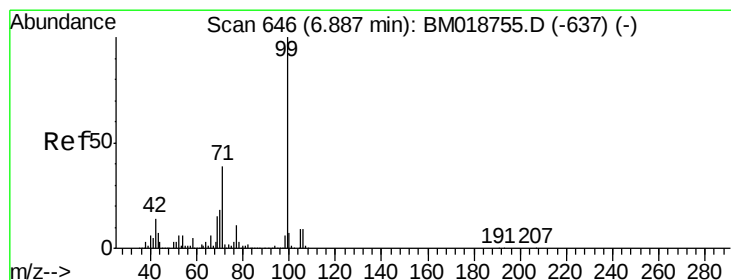
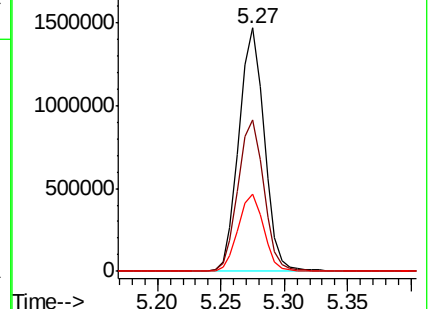
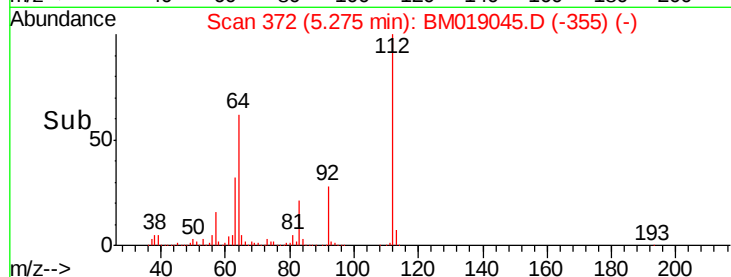
63 31.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 124.524 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

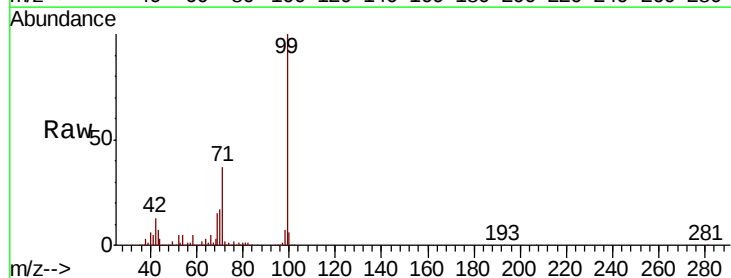
Tgt Ion: 99 Resp: 2698147

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.6

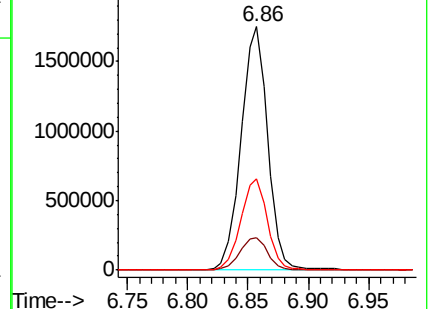
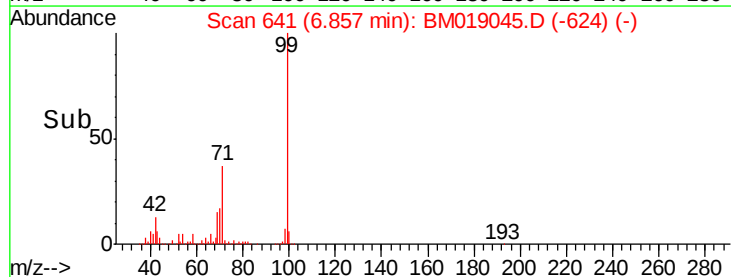
71 37.3 31.3 46.9

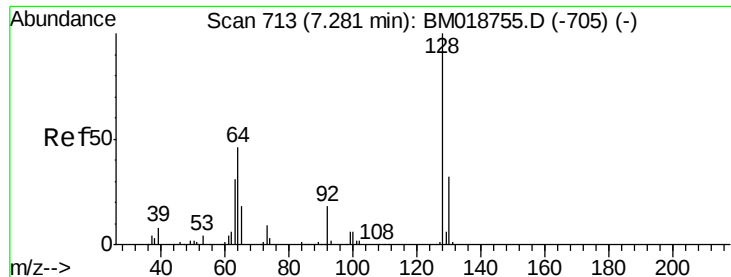


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.013 ng

RT: 7.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

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ClientSampleId :

PST-028-B105-022719

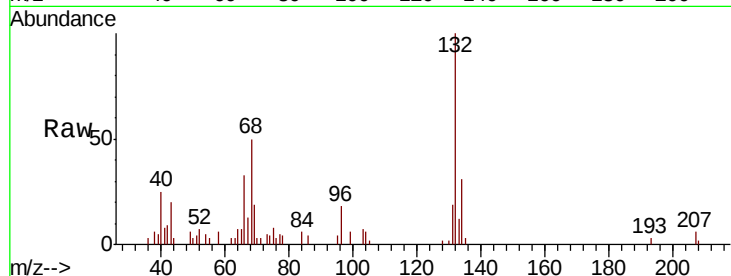
Tgt Ion:128 Resp: 219

Ion Ratio Lower Upper

128 100

130 95.9 11.7 51.7#

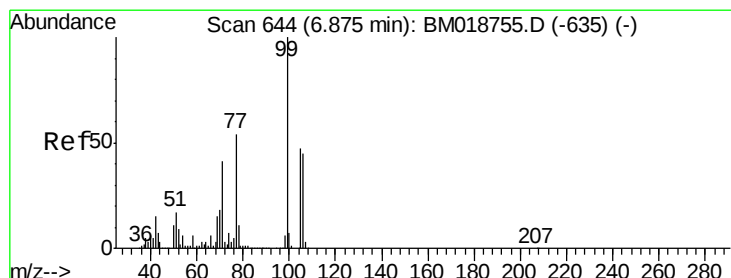
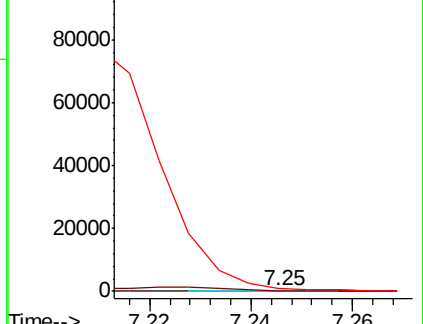
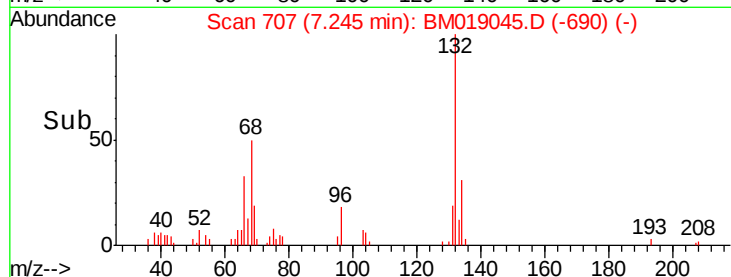
64 292.1 31.0 71.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: Below Cal

RT: 6.85 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

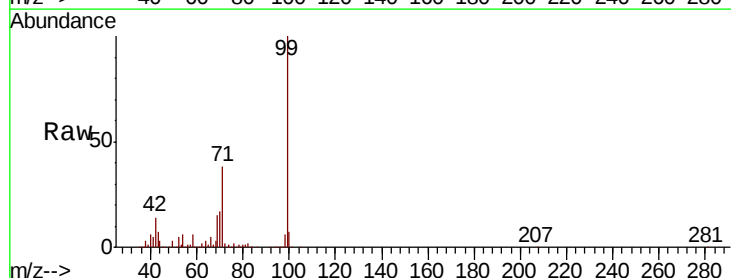
Tgt Ion: 77 Resp: 7053

Ion Ratio Lower Upper

77 100

105 10.9 67.3 107.3#

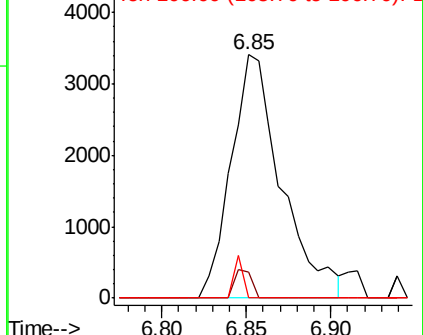
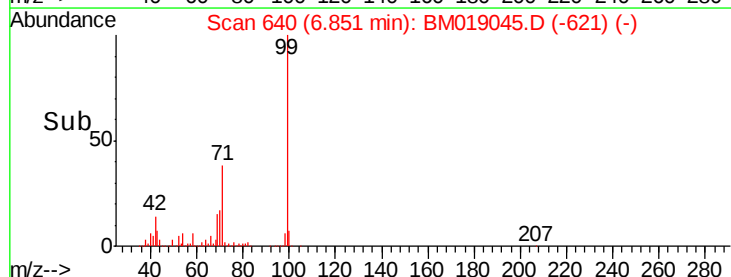
106 0.0 62.9 102.9#

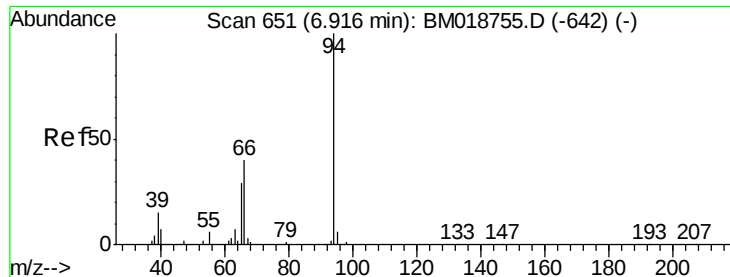


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.682 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

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ClientSampleId :

PST-028-B105-022719

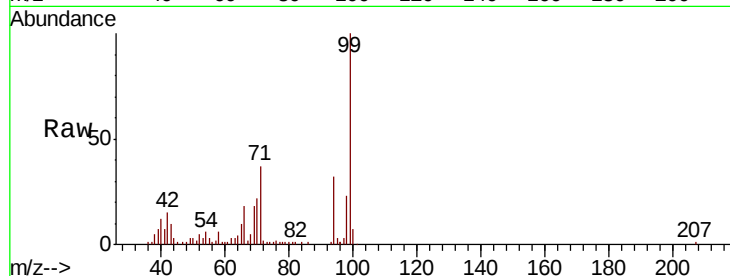
Tgt Ion: 94 Resp: 38356

Ion Ratio Lower Upper

94 100

65 31.1 9.6 49.6

66 56.1 20.4 60.4

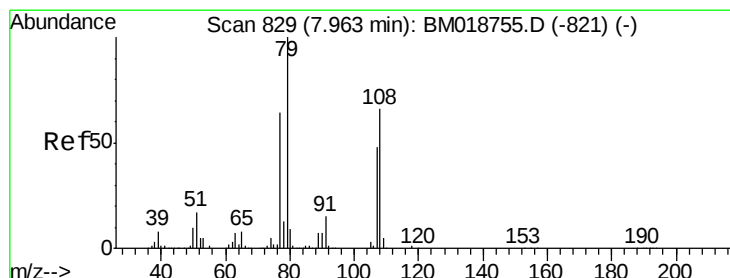
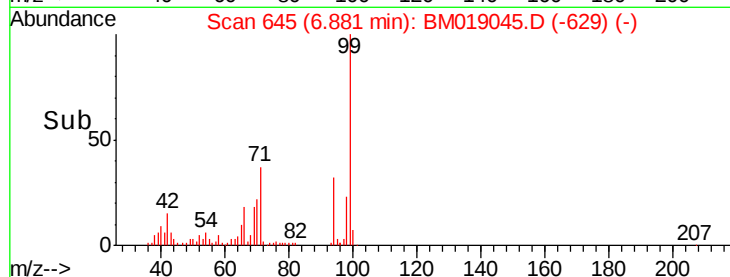
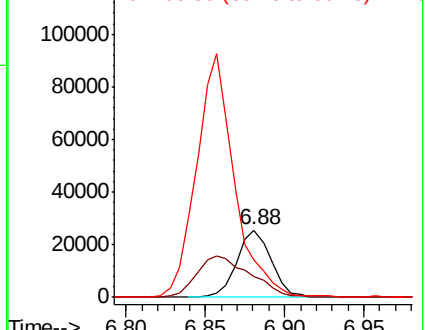


Abundance

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: 1.667 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.06 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

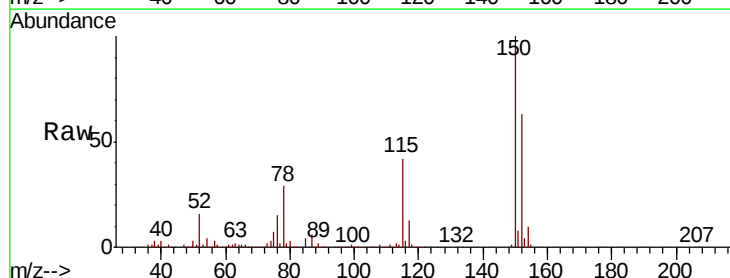
Tgt Ion: 79 Resp: 28709

Ion Ratio Lower Upper

79 100

108 31.6 52.7 79.1#

77 110.3 51.0 76.4#

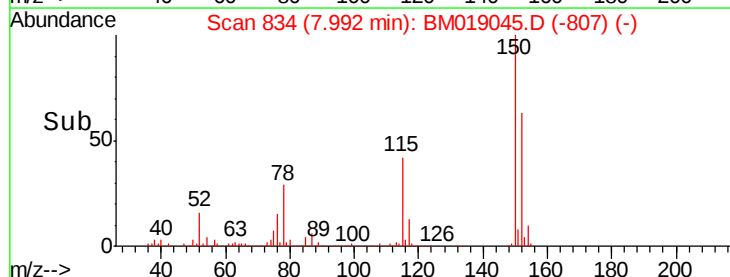
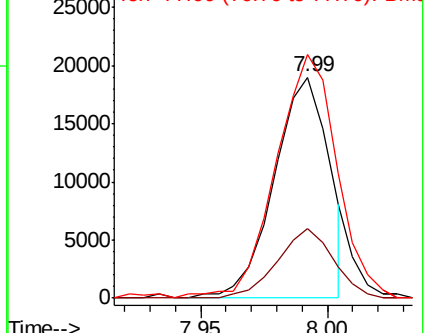


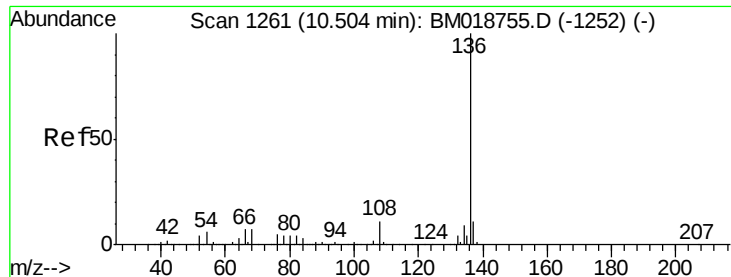
Abundance

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

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

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

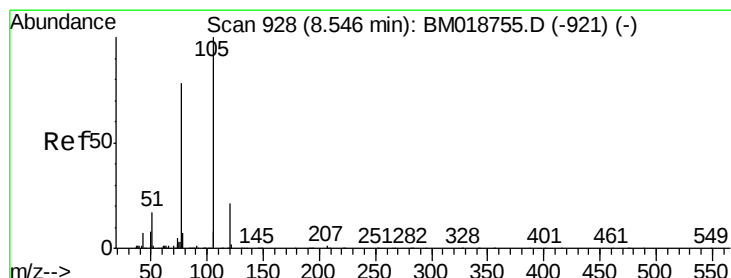
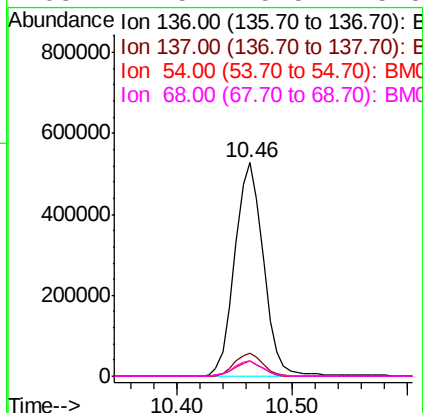
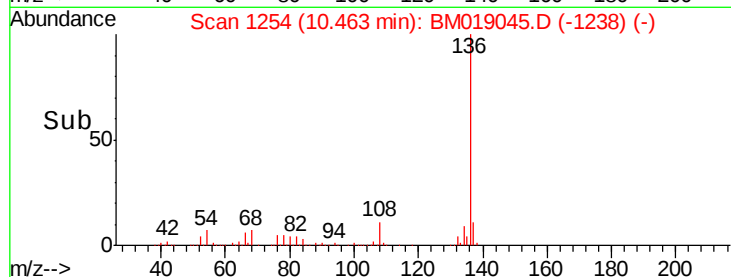
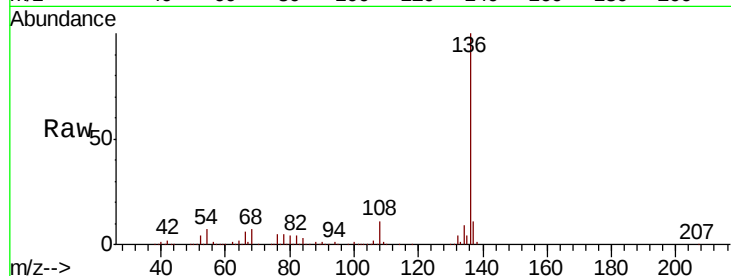




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

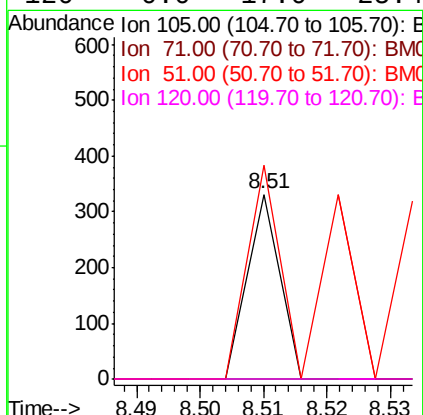
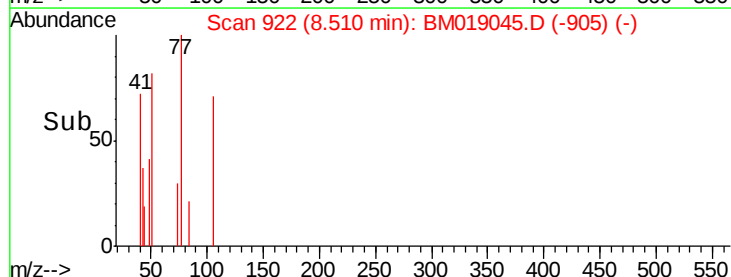
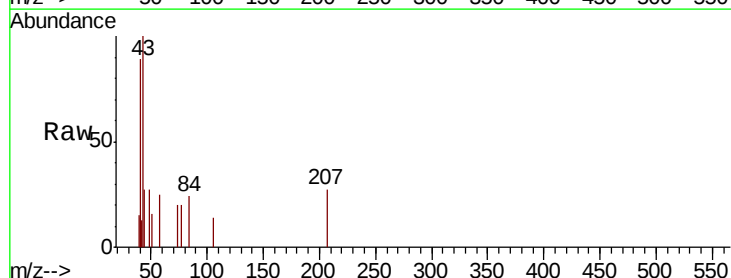
Instrument :
BNA_M
ClientSampleId :
PST-028-B105-022719

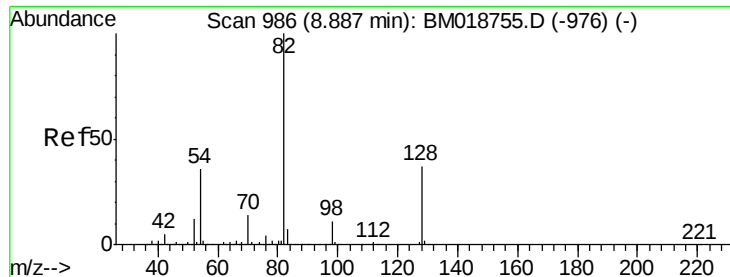
Tgt Ion:	136	Resp:	911896
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.0	7.6
68	7.5	5.5	8.3



#22
Acetophenone
Concen: 0.005 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

Tgt Ion:	105	Resp:	117
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	115.7	15.5	23.3#
120	0.0	17.0	25.4#

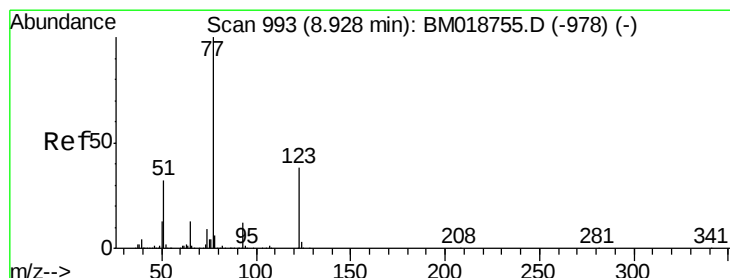
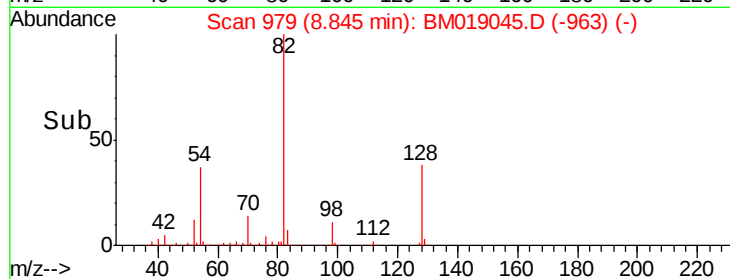
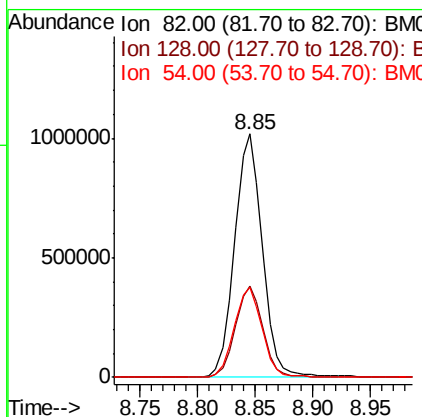
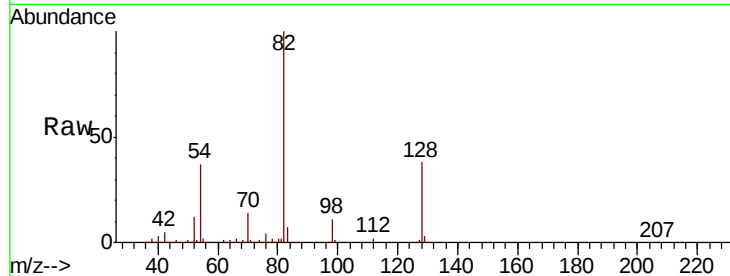




#23
 Nitrobenzene-d5
 Concen: 85.798 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

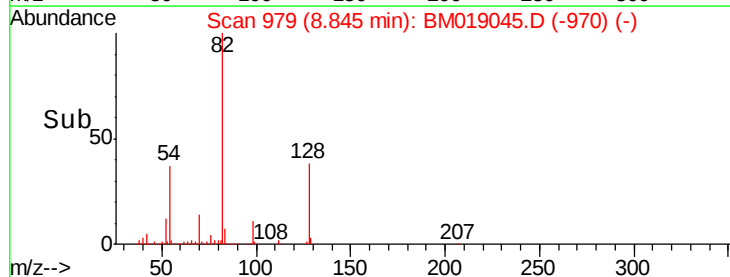
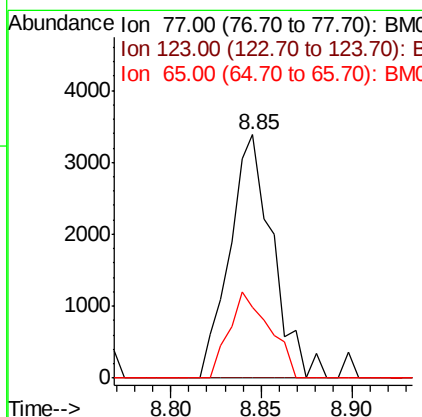
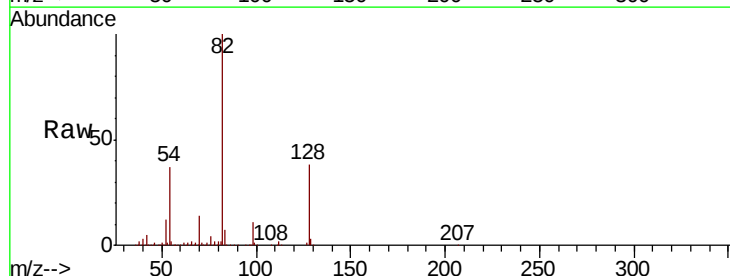
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B105-022719

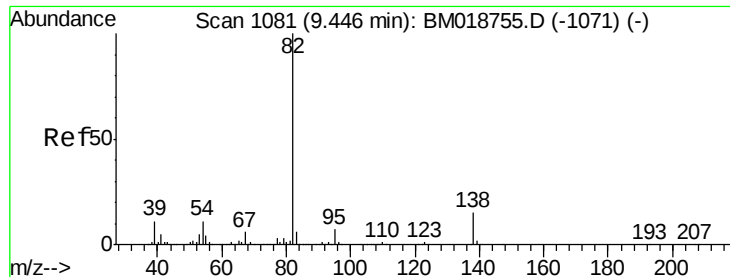
Tgt Ion: 82 Resp: 1692068
 Ion Ratio Lower Upper
 82 100
 128 37.6 29.9 44.9
 54 37.2 29.1 43.7



#24
 Nitrobenzene
 Concen: 0.273 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.05 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

Tgt Ion: 77 Resp: 5582
 Ion Ratio Lower Upper
 77 100
 123 0.0 30.7 46.1#
 65 29.3 10.5 15.7#





#25

Isophorone

Concen: 0.021 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

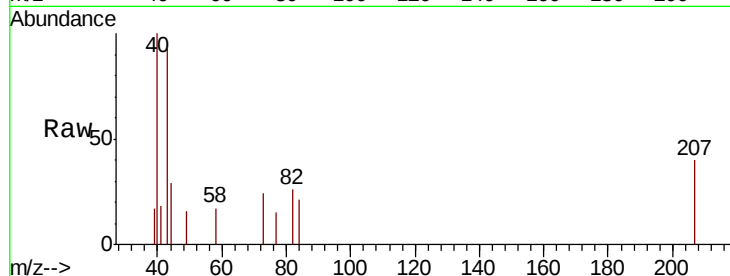
Tgt Ion: 82 Resp: 650

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 12.3 18.5#

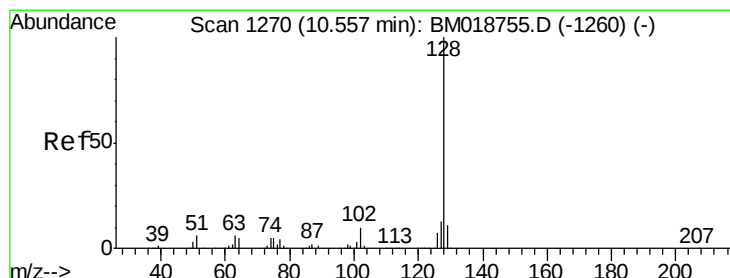
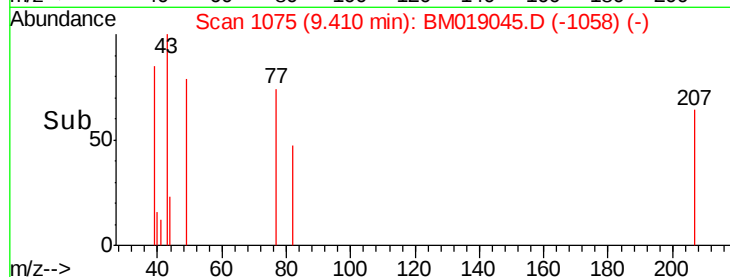


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

Time-->



#31

Naphthalene

Concen: 0.051 ng

RT: 10.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

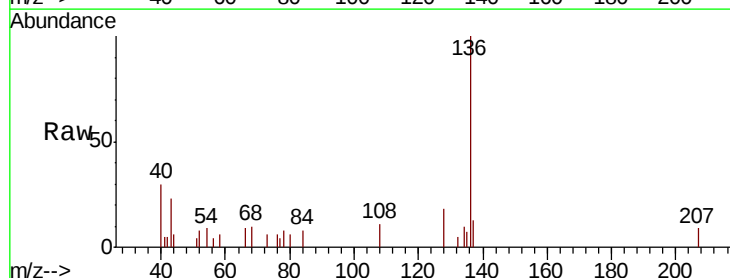
Tgt Ion: 128 Resp: 2258

Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.4#

127 0.0 10.7 16.1#

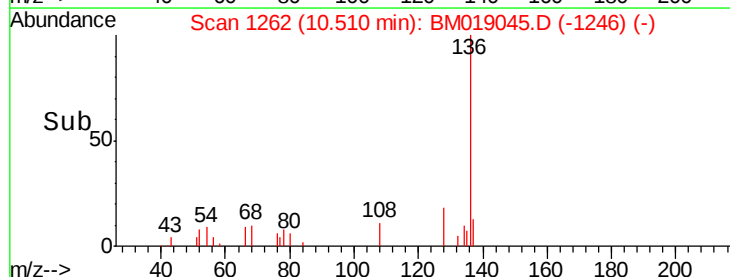


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-1260) (-)

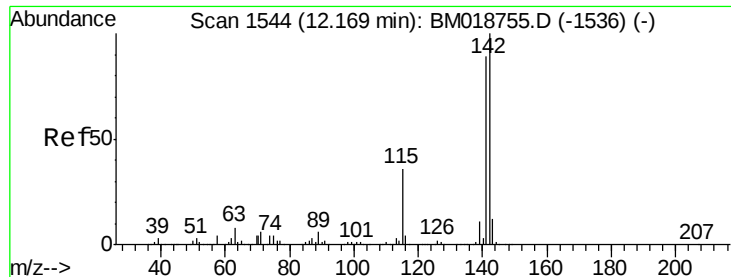
Ion 129.00 (128.70 to 129.70): BM018755.D (-1260) (-)

Ion 127.00 (126.70 to 127.70): BM018755.D (-1260) (-)

Time-->



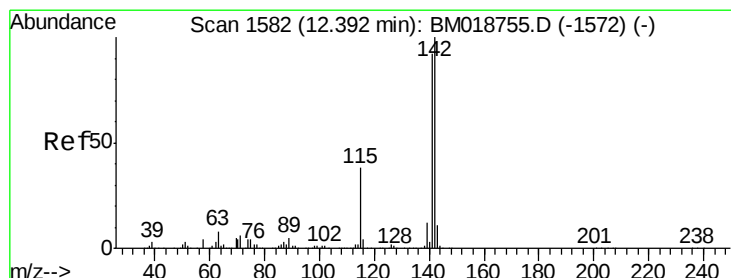
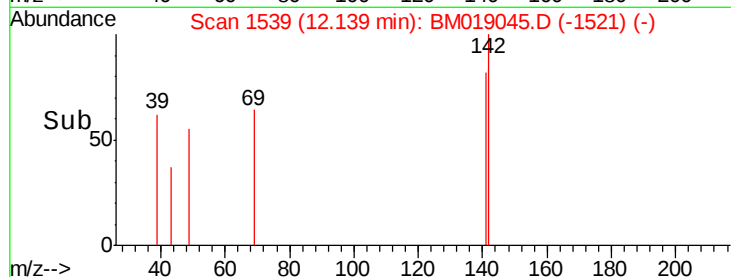
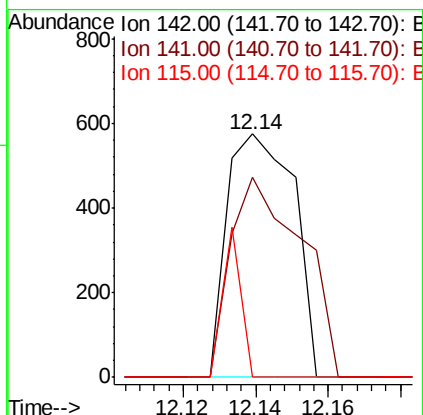
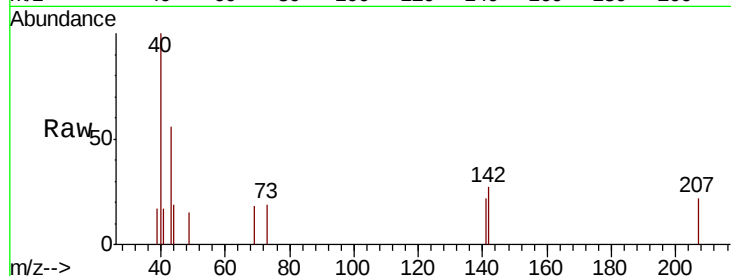
Time-->



#37
 2-Methylnaphthalene
 Concen: 0.023 ng
 RT: 12.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

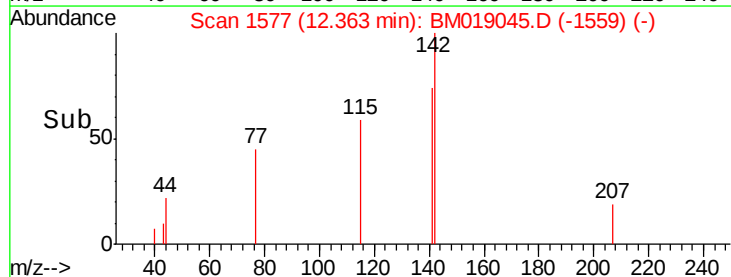
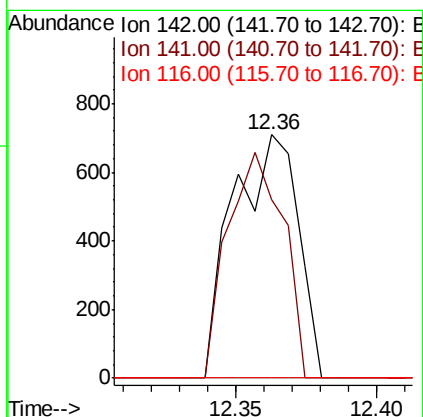
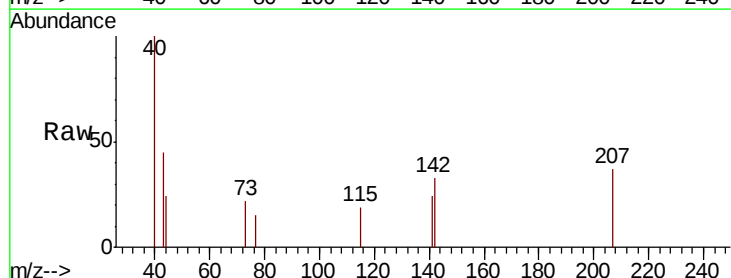
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B105-022719

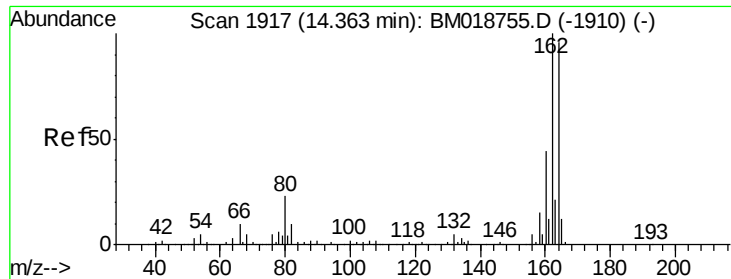
Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.1	71.2	106.8
115	0.0	29.1	43.7



#38
 1-Methylnaphthalene
 Concen: 0.037 ng
 RT: 12.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	73.5	73.9	110.9
116	0.0	3.0	4.4

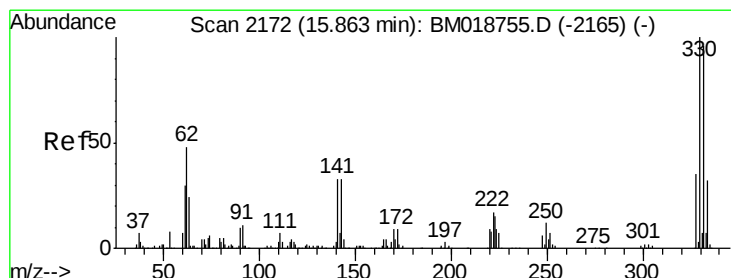
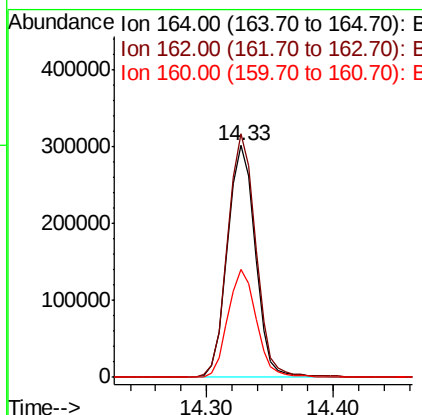
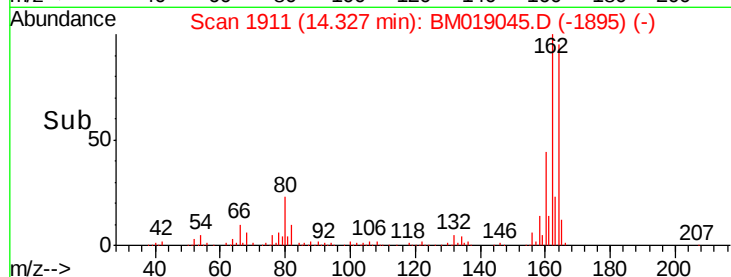
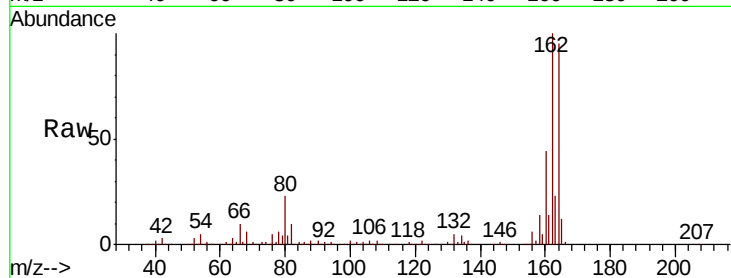




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

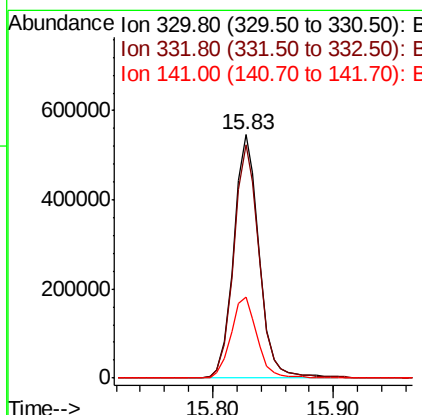
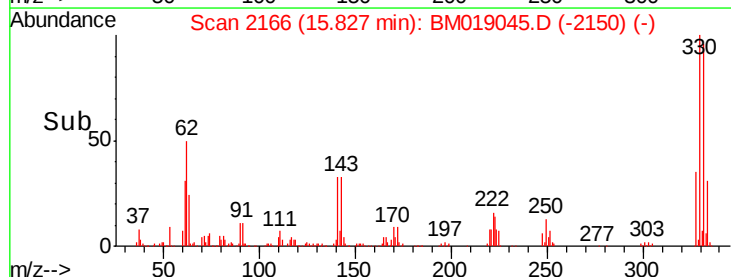
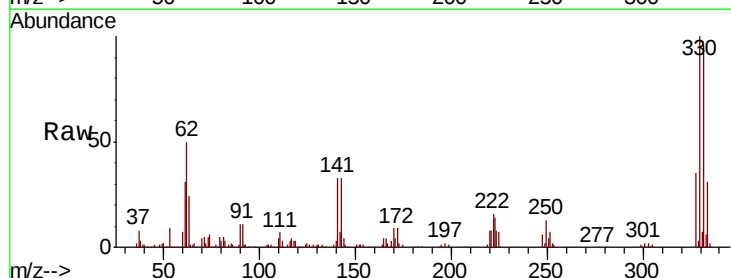
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B105-022719

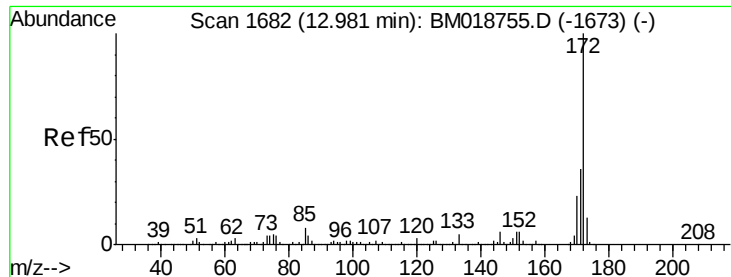
Tgt Ion:164 Resp: 459873
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.4 125.0
 160 46.5 36.6 55.0



#42
 2,4,6-Tribromophenol
 Concen: 120.335 ng
 RT: 15.83 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

Tgt Ion:330 Resp: 797691
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 34.3 28.7 43.1

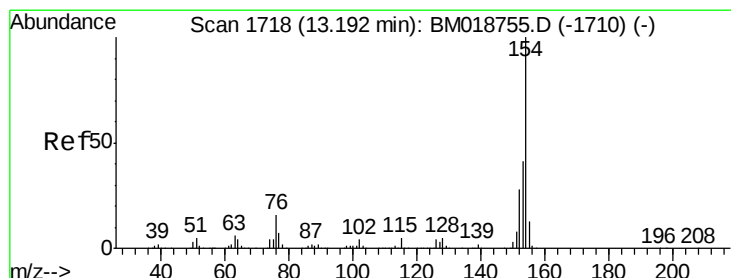
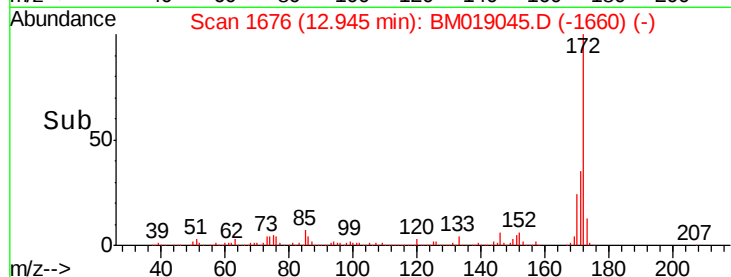
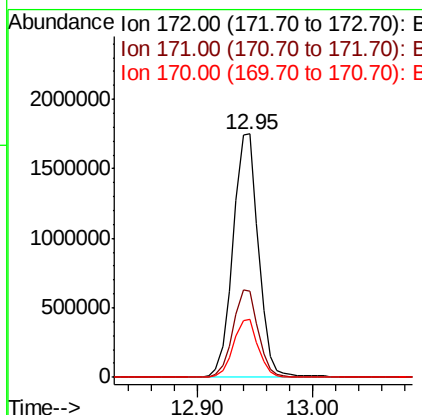
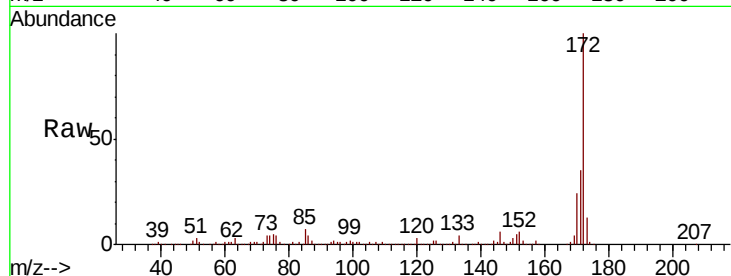




#45
2-Fluorobiphenyl
Concen: 77.377 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

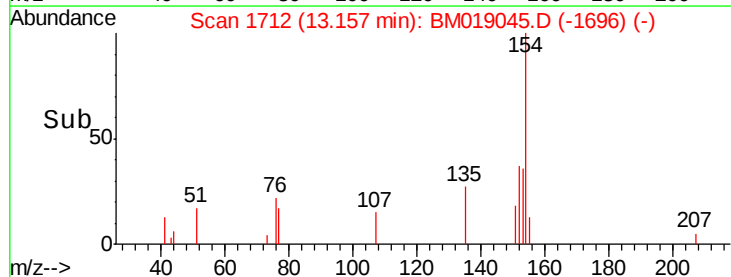
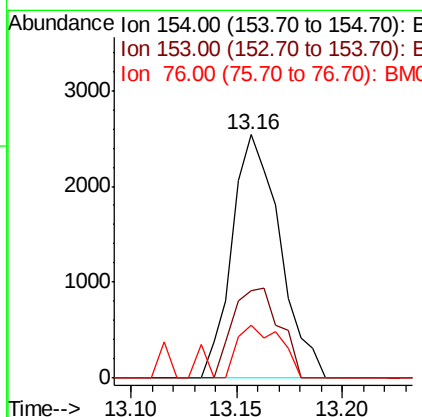
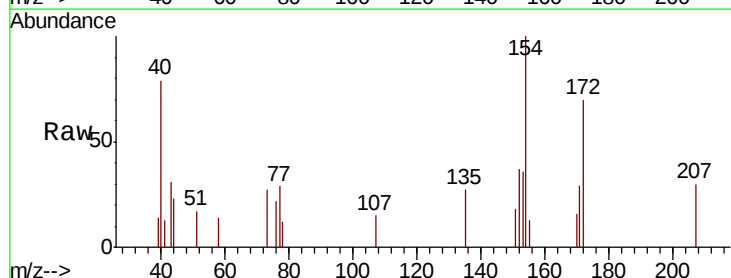
Instrument :
BNA_M
ClientSampleId :
PST-028-B105-022719

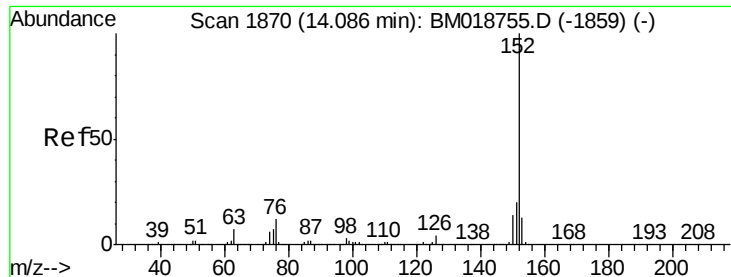
Tgt Ion:172 Resp: 2680533
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.7 18.6 28.0



#46
1,1'-Biphenyl
Concen: 0.101 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

Tgt Ion:154 Resp: 3993
Ion Ratio Lower Upper
154 100
153 36.0 21.1 61.1
76 21.8 0.0 35.7





#49

Acenaphthylene

Concen: 0.108 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

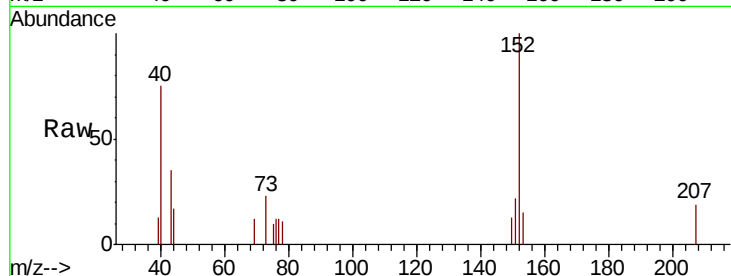
Tgt Ion:152 Resp: 4939

Ion Ratio Lower Upper

152 100

151 21.7 15.8 23.8

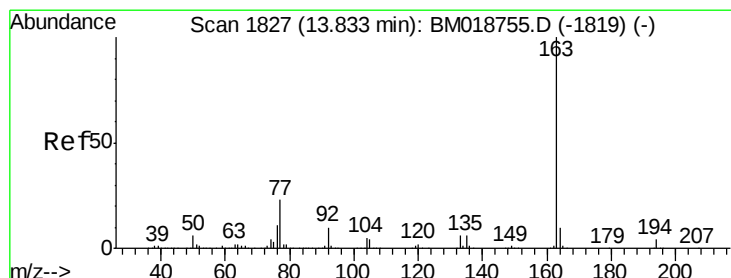
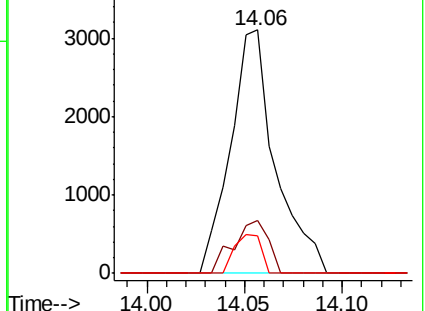
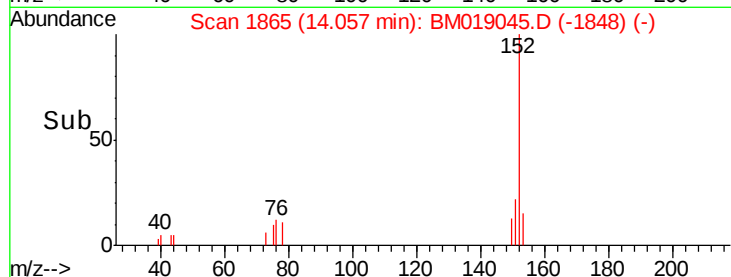
153 15.2 10.5 15.7



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: 5.015 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

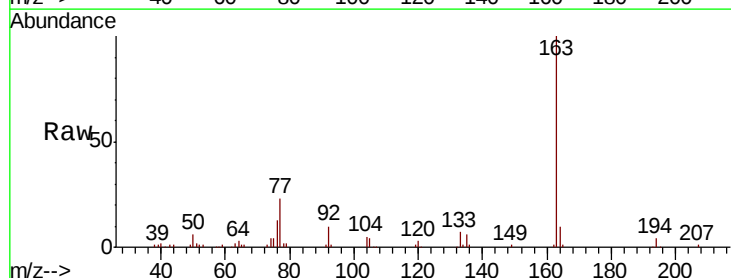
Tgt Ion:163 Resp: 192197

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

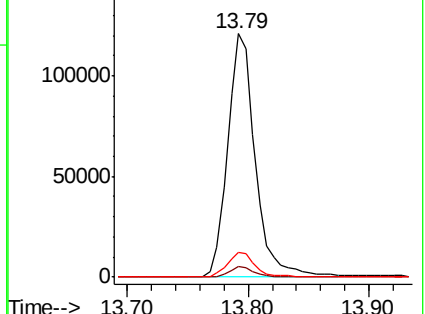
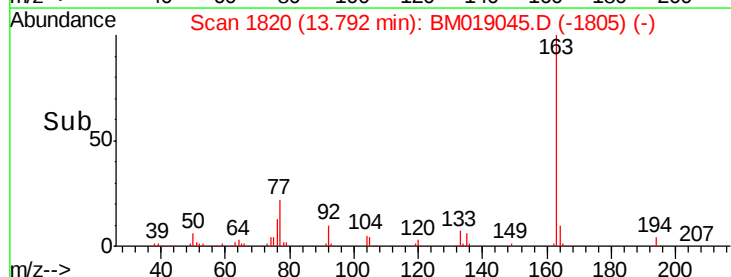
164 9.9 7.8 11.8

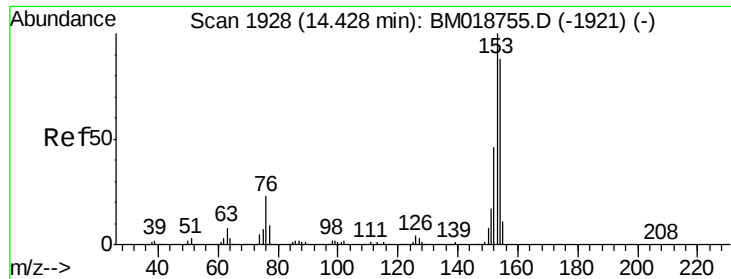


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.130 ng

RT: 14.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

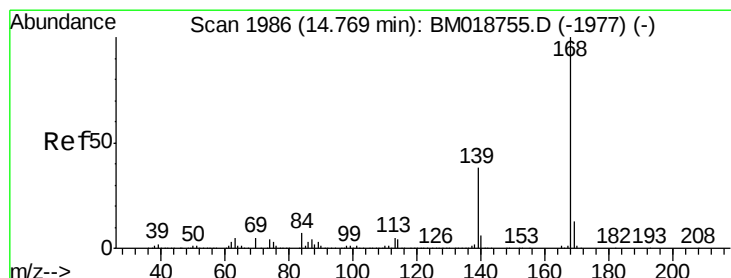
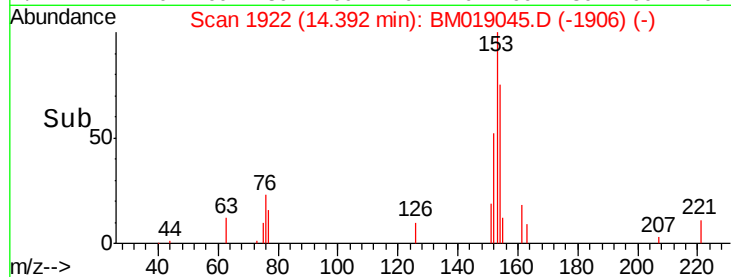
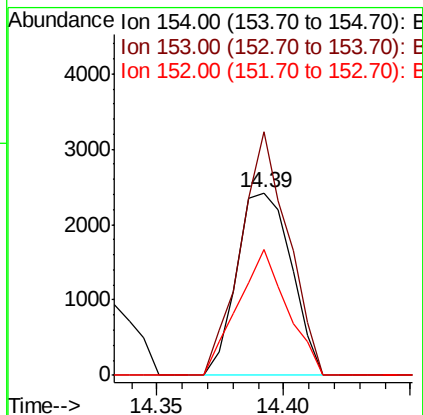
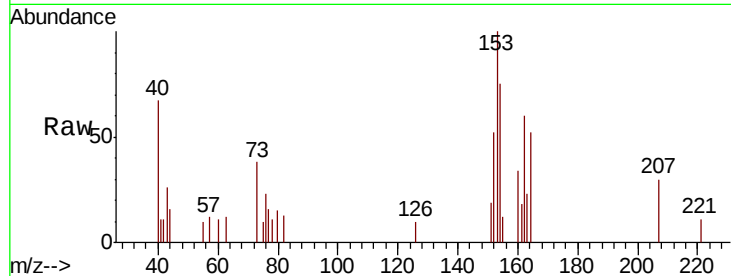
Tgt Ion:154 Resp: 3628

Ion Ratio Lower Upper

154 100

153 133.6 91.3 136.9

152 68.8 42.2 63.4#



#55

Dibenzofuran

Concen: 0.057 ng

RT: 14.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

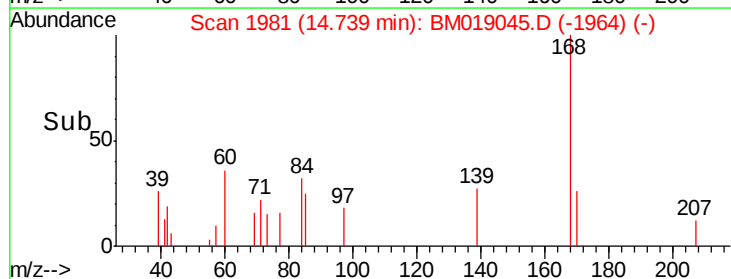
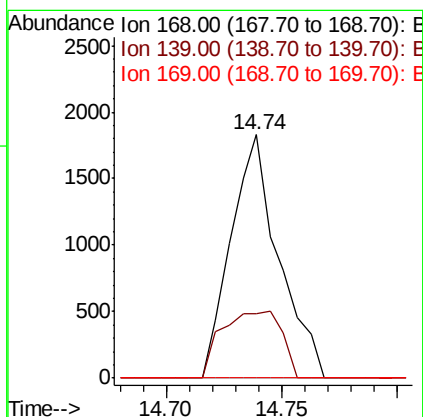
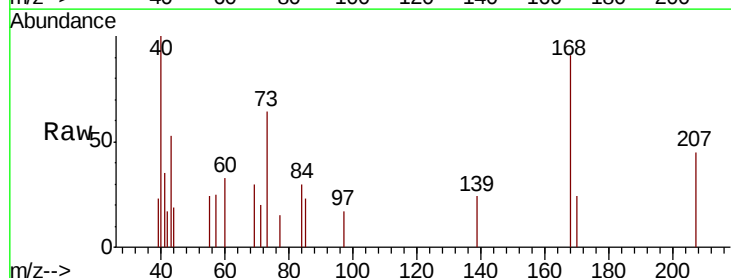
Tgt Ion:168 Resp: 2628

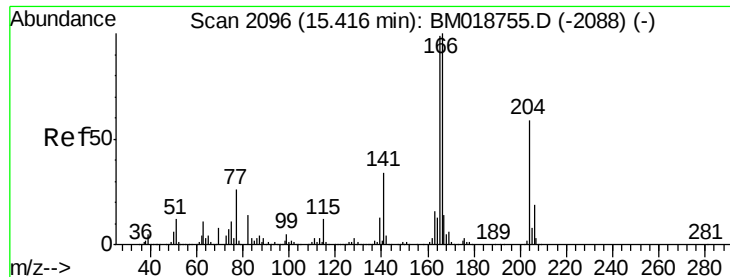
Ion Ratio Lower Upper

168 100

139 26.7 30.7 46.1#

169 0.0 10.3 15.5#





#58

Fluorene

Concen: 0.098 ng

RT: 15.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

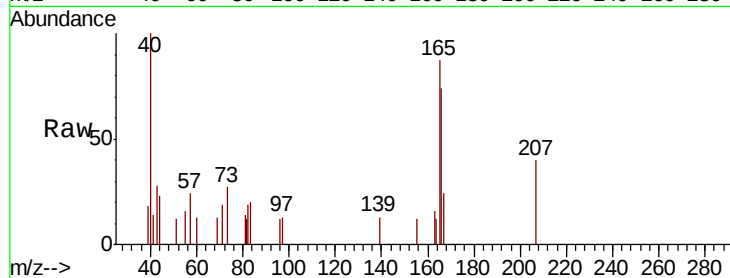
Tgt Ion:166 Resp: 3432

Ion Ratio Lower Upper

166 100

165 116.1 79.1 118.7

167 31.7 11.0 16.4#

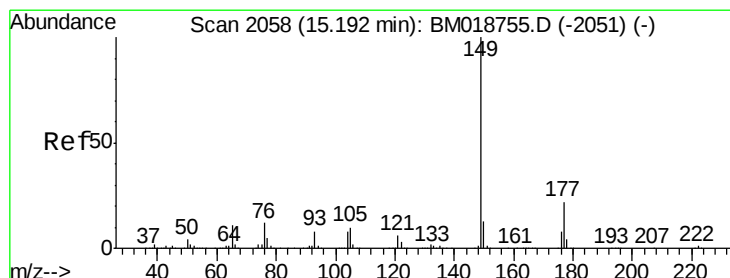
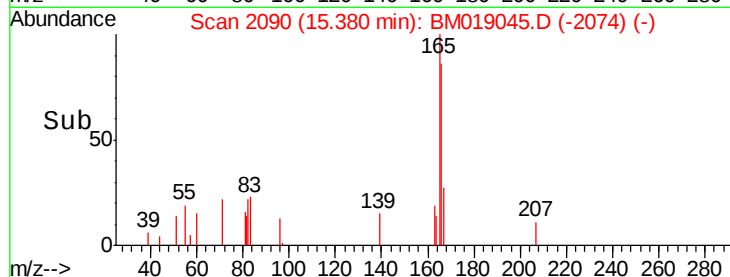
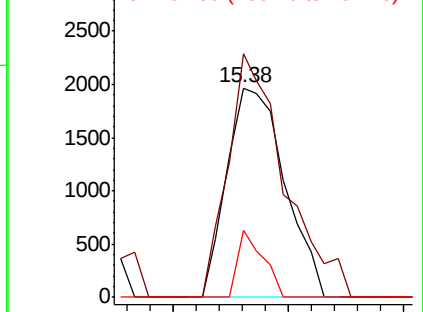


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.062 ng

RT: 15.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

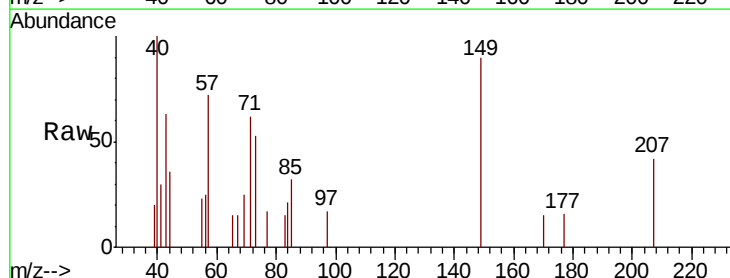
Tgt Ion:149 Resp: 2470

Ion Ratio Lower Upper

149 100

177 17.4 17.2 25.8

150 0.0 10.2 15.2#

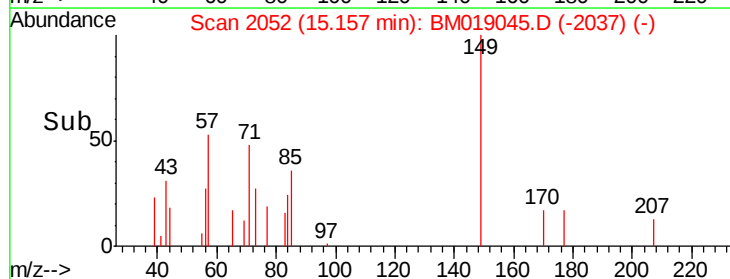
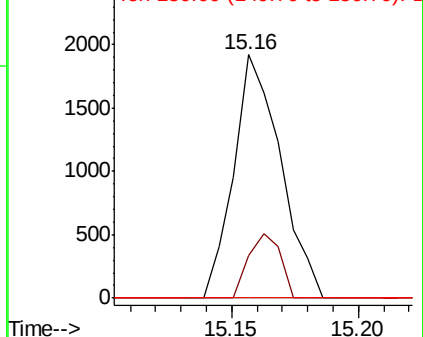


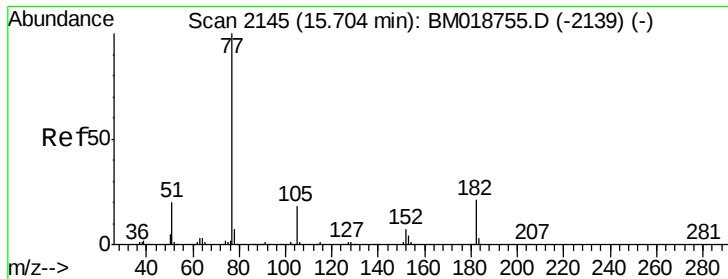
Abundance

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: 0.034 ng

RT: 15.70 min Scan# 2145

Delta R.T. 0.02 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

Tgt Ion: 77 Resp: 1430

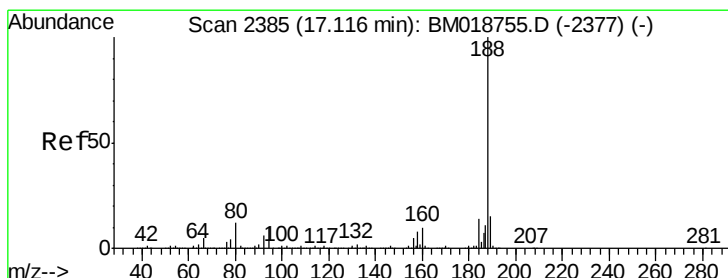
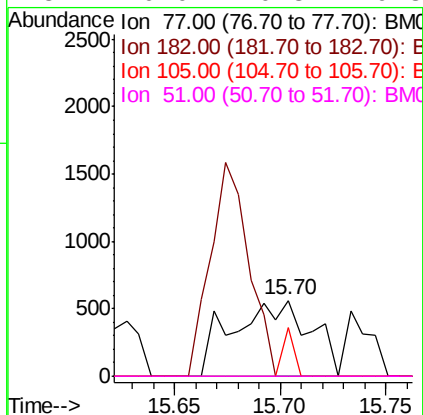
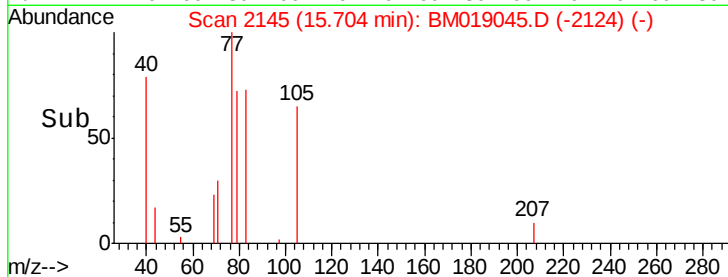
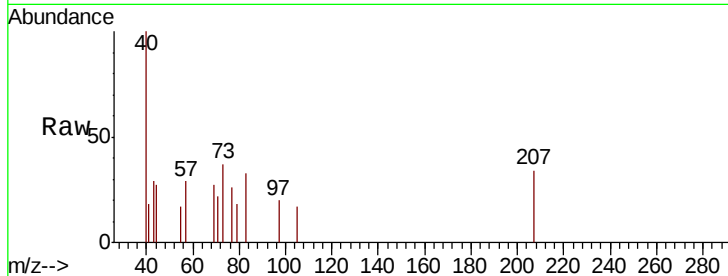
Ion Ratio Lower Upper

77 100

182 0.0 1.0 41.0#

105 64.7 0.0 37.7#

51 0.0 0.3 40.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

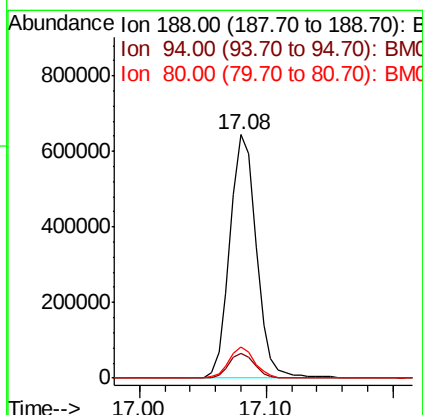
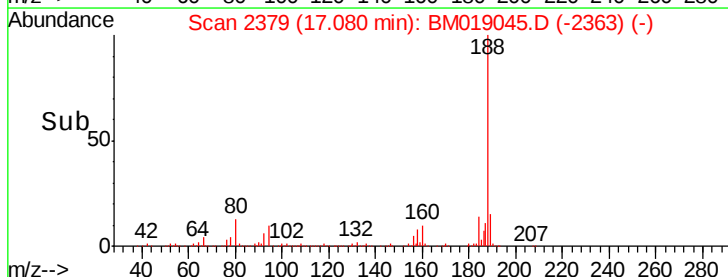
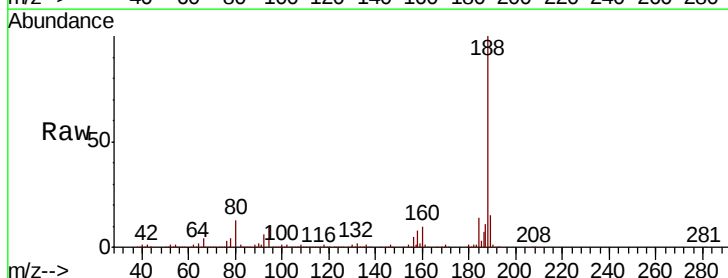
Tgt Ion: 188 Resp: 933463

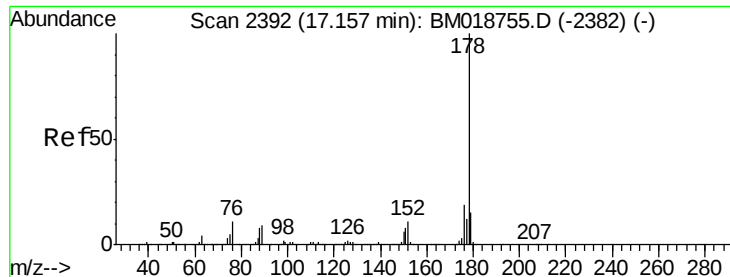
Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

80 12.7 9.7 14.5





#71

Phenanthrene

Concen: 1.695 ng

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

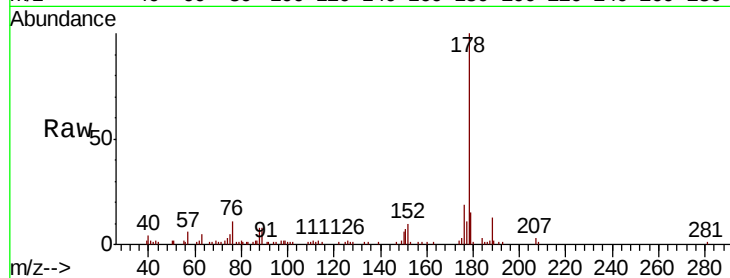
Tgt Ion:178 Resp: 85006

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

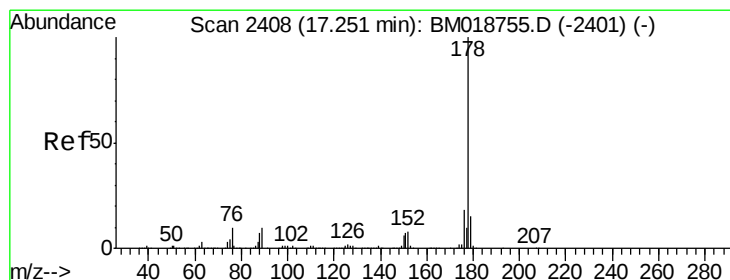
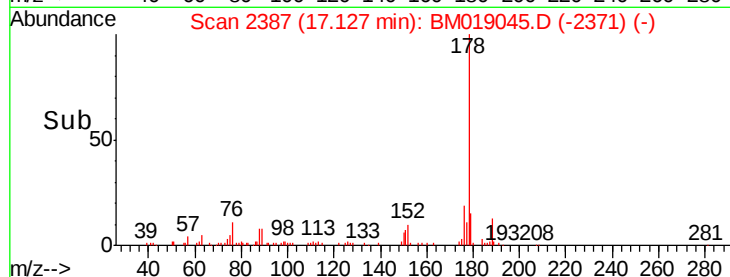
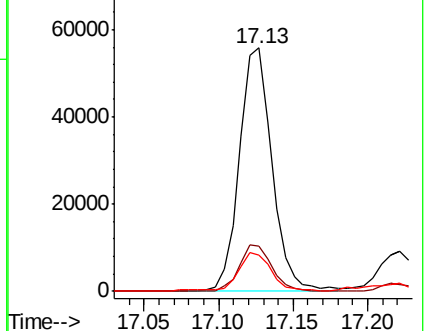
179 15.0 12.3 18.5



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: 0.289 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

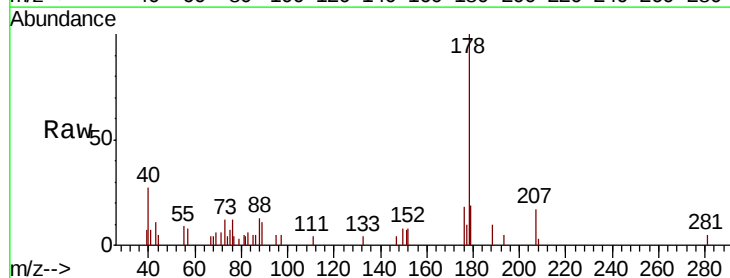
Tgt Ion:178 Resp: 14094

Ion Ratio Lower Upper

178 100

176 17.6 14.8 22.2

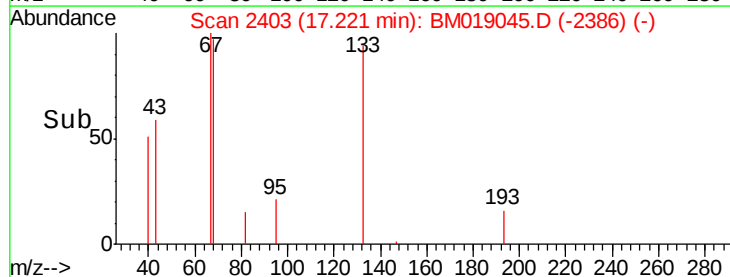
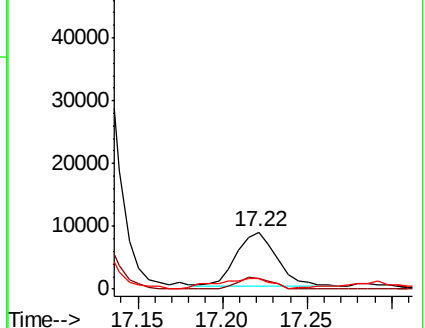
179 18.9 12.1 18.1#

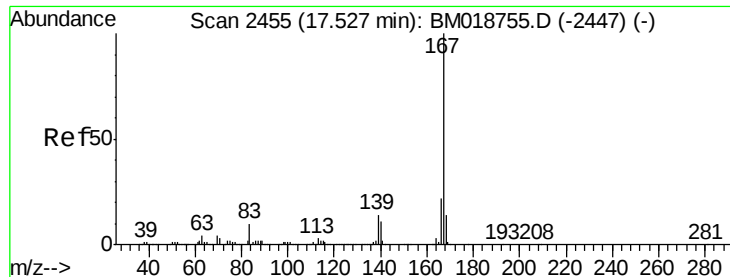


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.128 ng

RT: 17.50 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

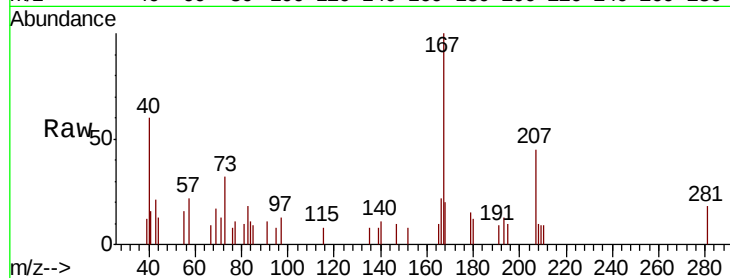
Tgt Ion:167 Resp: 6540

Ion Ratio Lower Upper

167 100

166 22.5 17.7 26.5

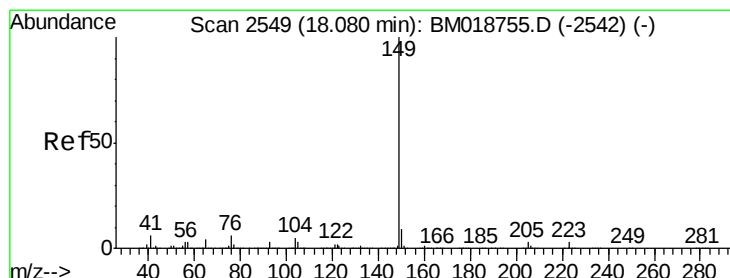
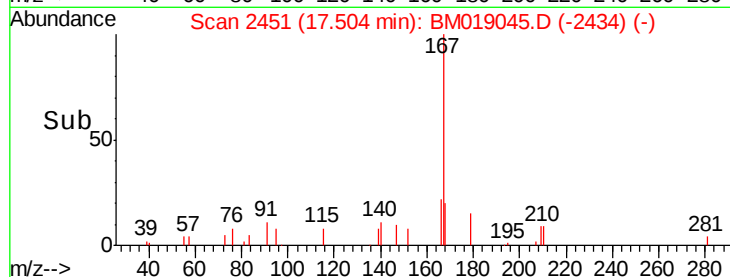
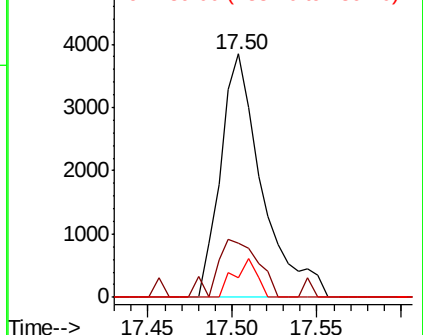
139 8.0 10.9 16.3#



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: 0.180 ng

RT: 18.04 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

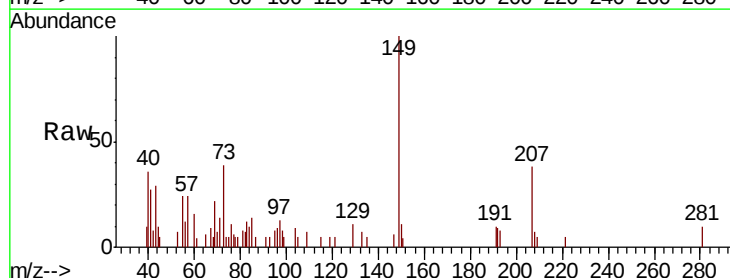
Tgt Ion:149 Resp: 10567

Ion Ratio Lower Upper

149 100

150 10.7 7.4 11.0

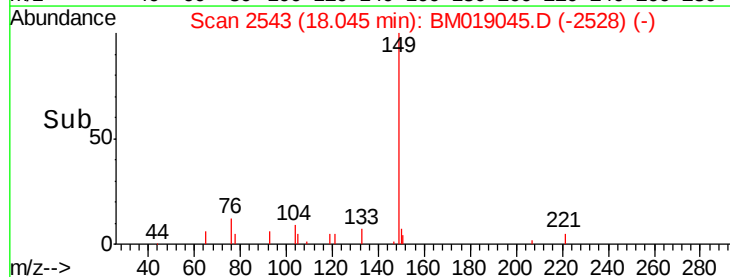
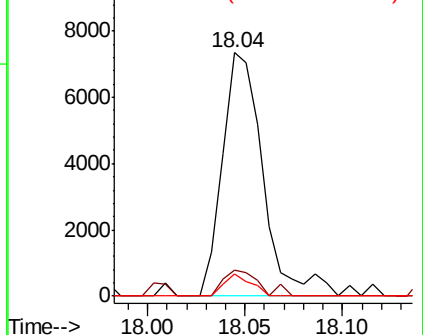
104 9.0 4.3 6.5#

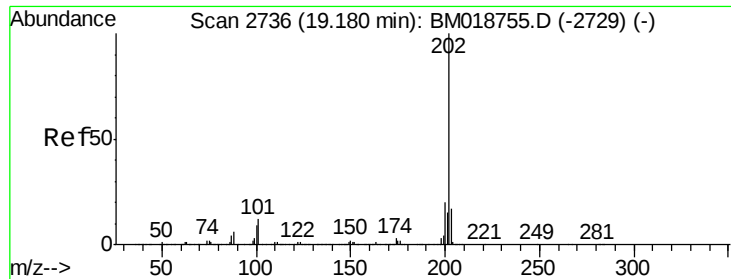


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 2.061 ng

RT: 19.14 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

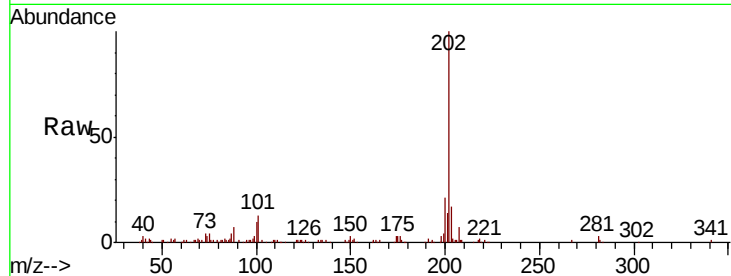
Instrument :

BNA_M

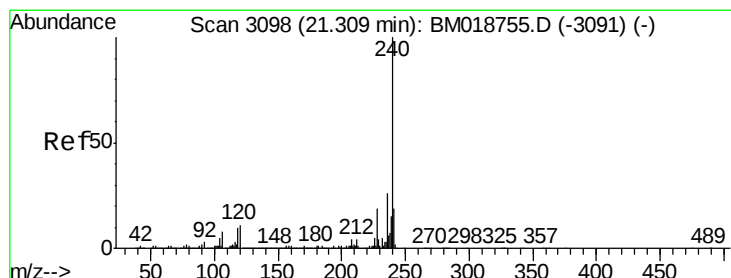
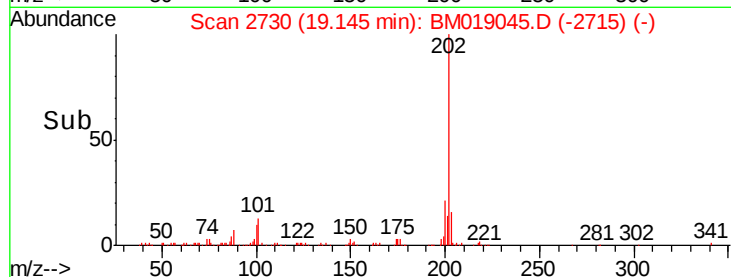
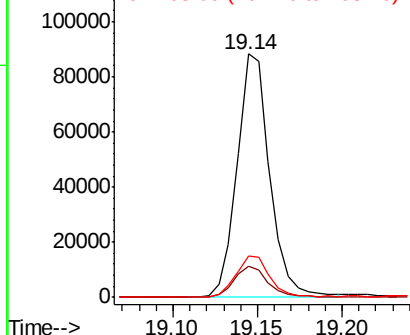
ClientSampleId :

PST-028-B105-022719

Tgt Ion:	202	Resp:	119425
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.5
203	17.0	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

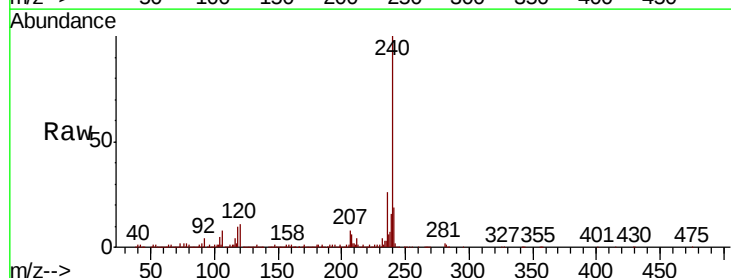
RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

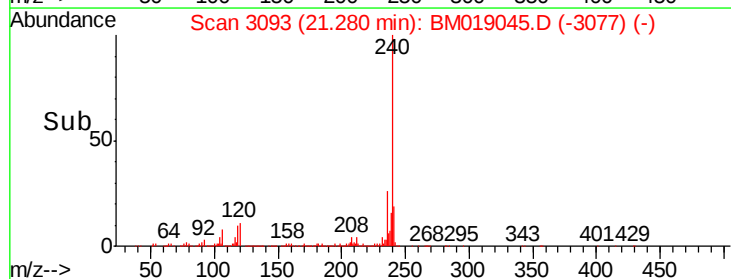
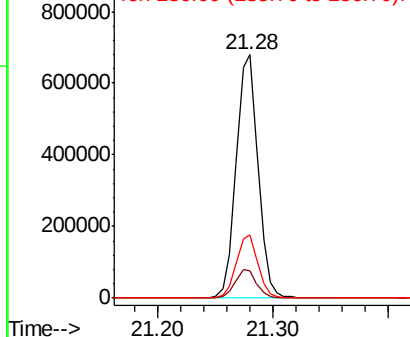
Lab File: BM019045.D

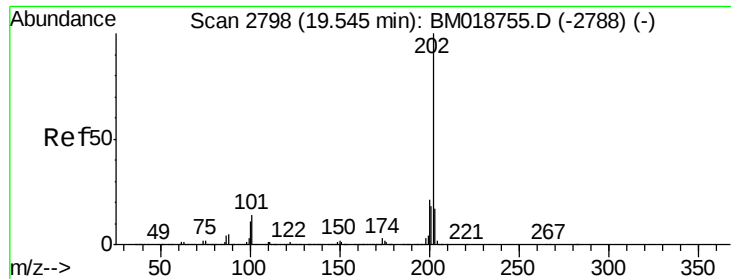
Acq: 05 Mar 2019 20:18

Tgt Ion:	240	Resp:	892544
Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	26.1	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

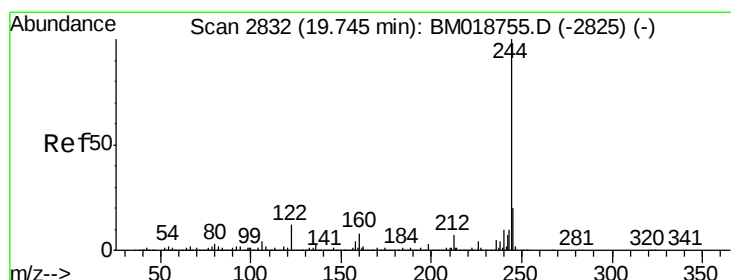
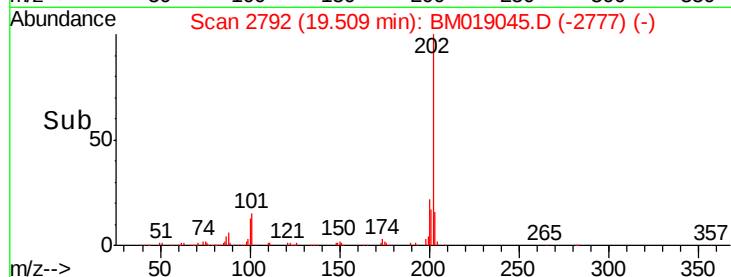
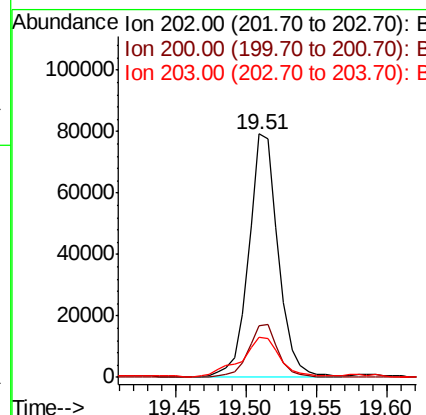
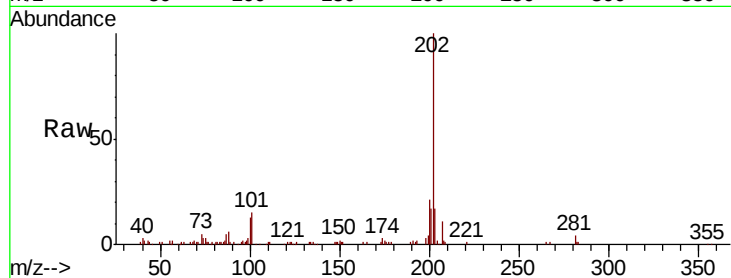




#78
 Pyrene
 Concen: 2.249 ng
 RT: 19.51 min Scan# 2792
 Delta R.T. -0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

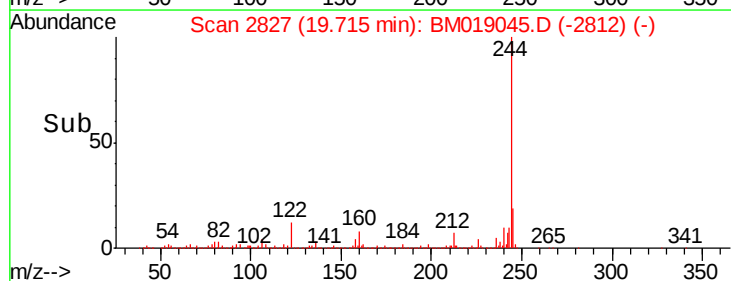
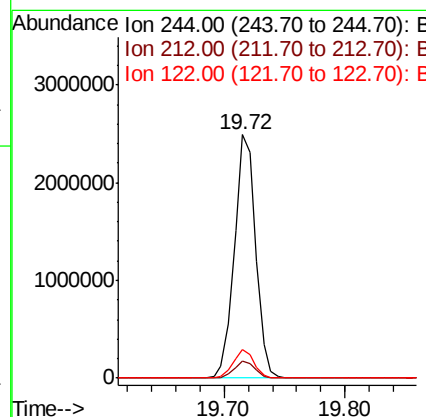
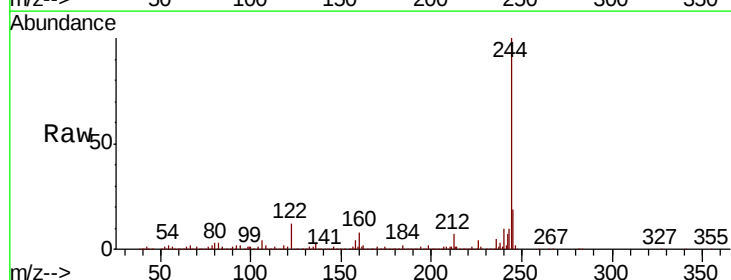
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B105-022719

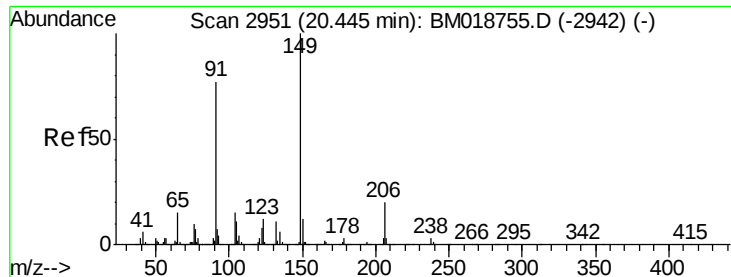
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	16.5	13.8	20.8



#79
 Terphenyl-d14
 Concen: 70.695 ng
 RT: 19.72 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.5	9.3	13.9





#80

Butylbenzylphthalate

Concen: 0.091 ng

RT: 20.42 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

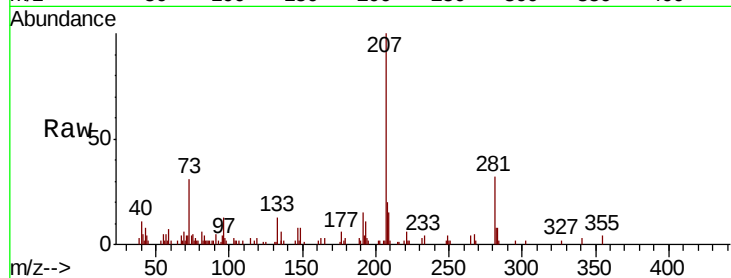
Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

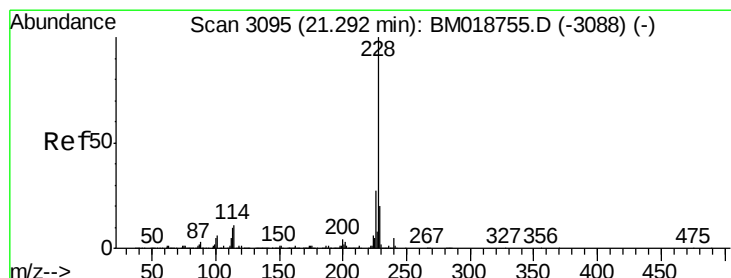
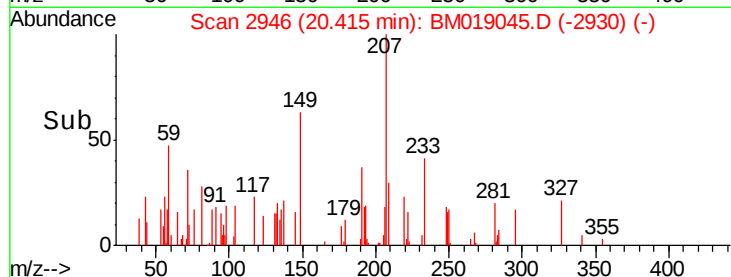
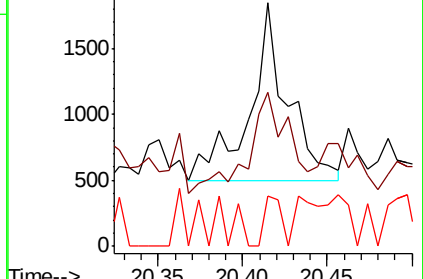
Tgt Ion:	149	Resp:	2149
Ion	Ratio	Lower	Upper
149	100		
91	63.5	61.4	92.0
206	20.5	15.8	23.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM018755.D (-2942) (-)

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 1.224 ng

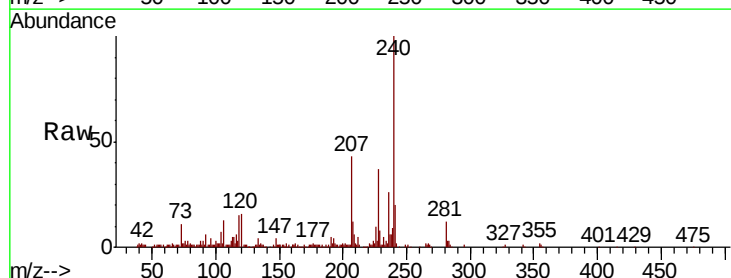
RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

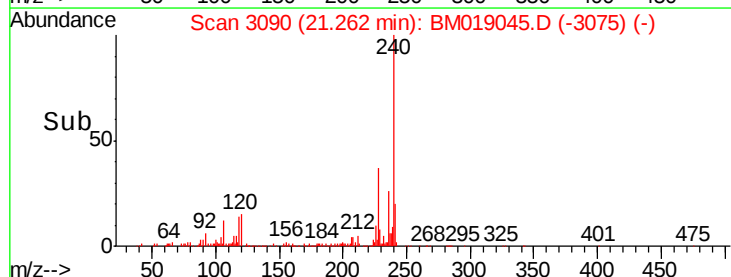
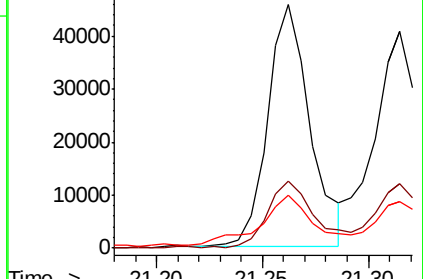
Tgt Ion:	228	Resp:	63657
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	21.7	15.9	23.9

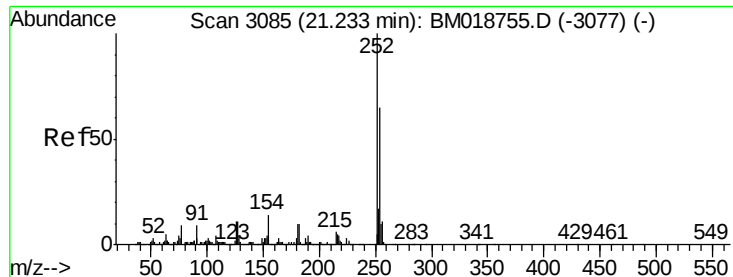


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

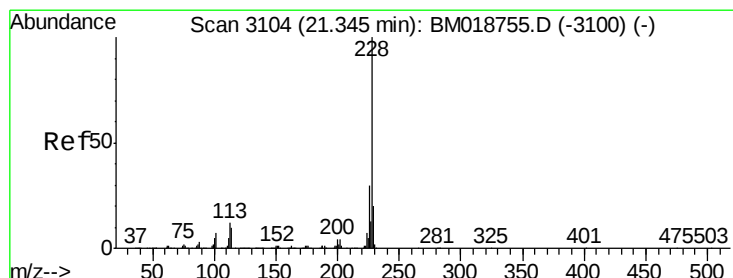
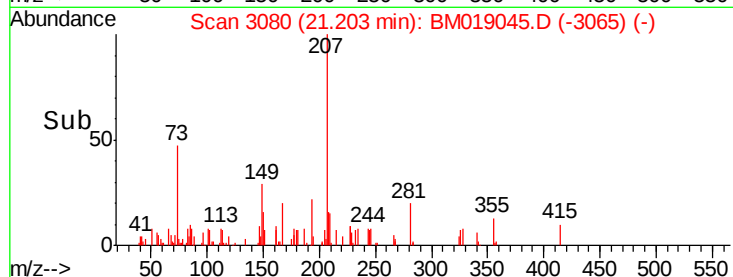
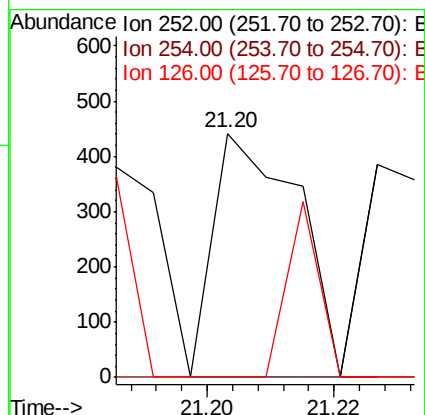
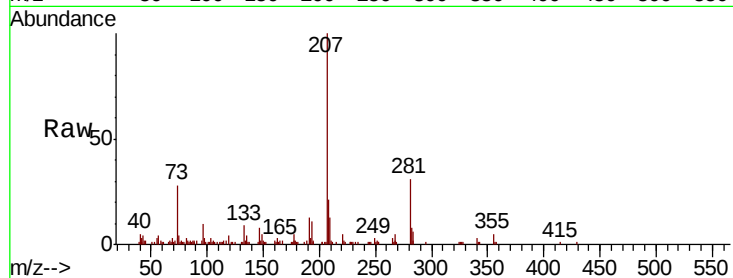




#82
 3,3'-Dichlorobenzidine
 Concen: 0.020 ng
 RT: 21.20 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

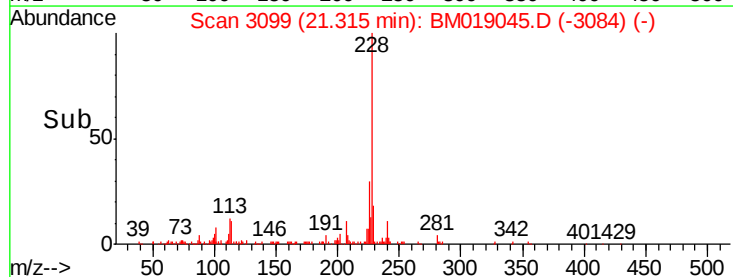
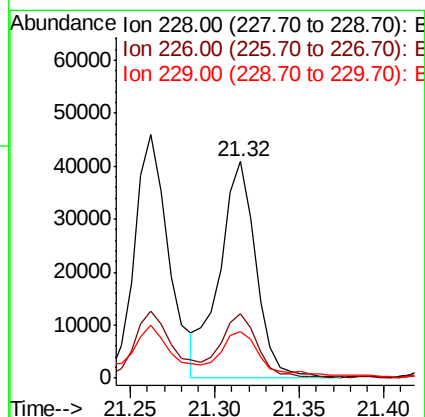
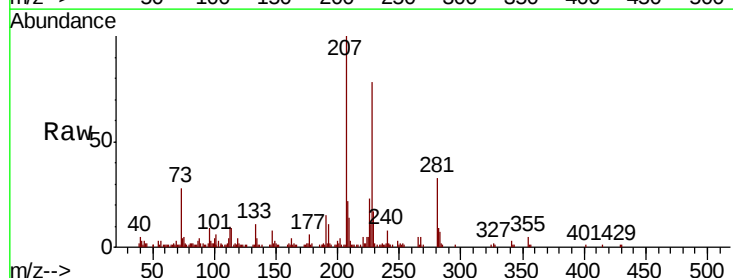
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B105-022719

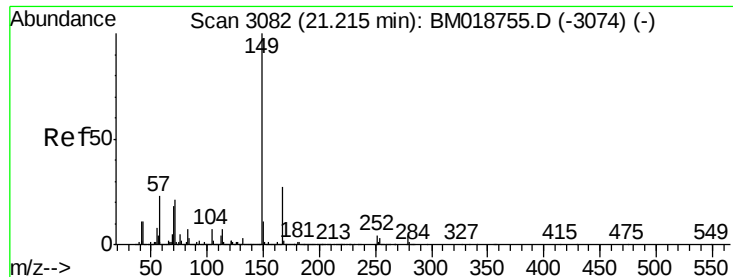
Tgt Ion: 252 Resp: 405
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.8 77.8#
 126 0.0 9.1 13.7#



#83
 Chrysene
 Concen: 1.234 ng
 RT: 21.32 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

Tgt Ion: 228 Resp: 61514
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.1 36.1
 229 21.7 16.0 24.0

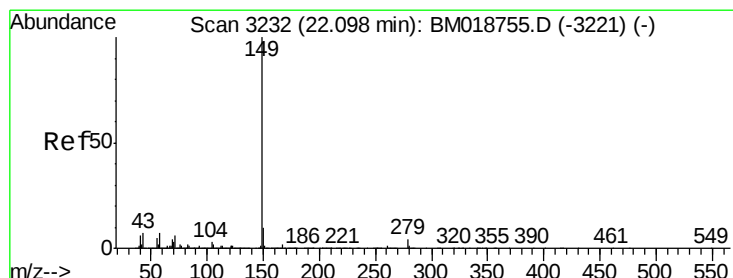
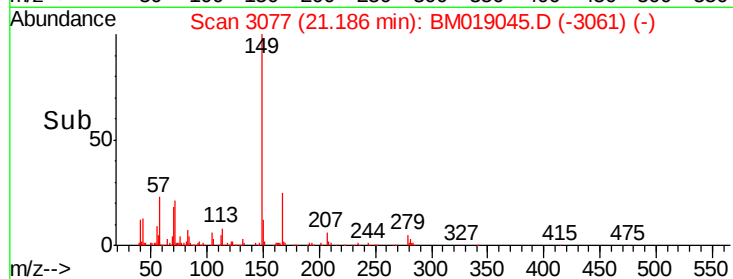
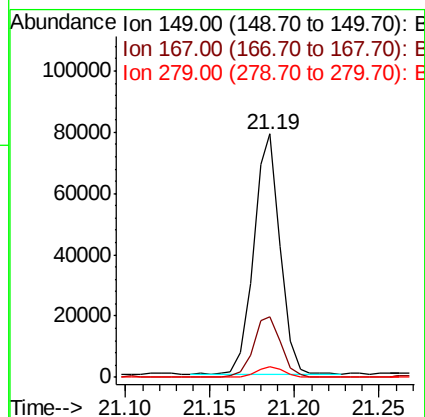
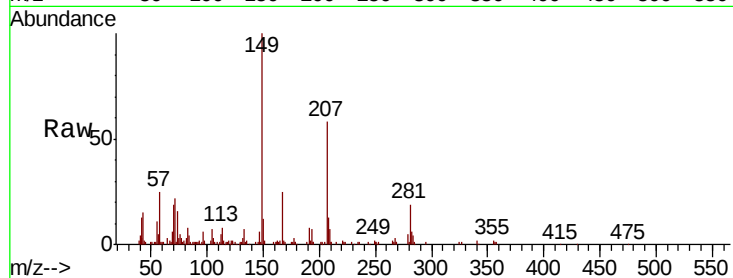




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.447 ng
 RT: 21.19 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

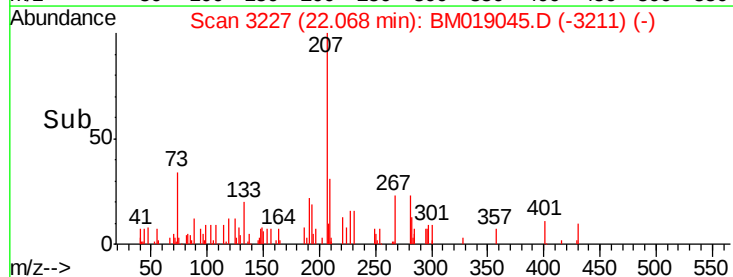
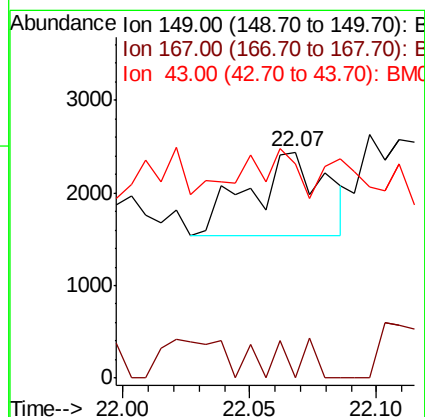
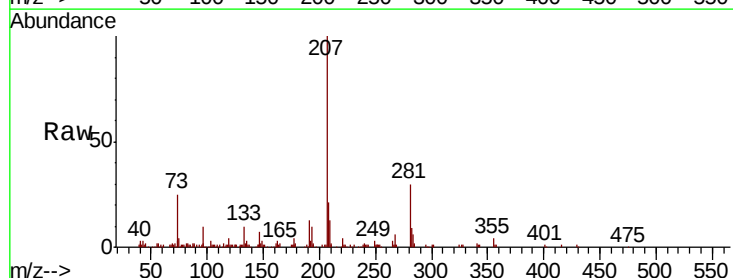
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B105-022719

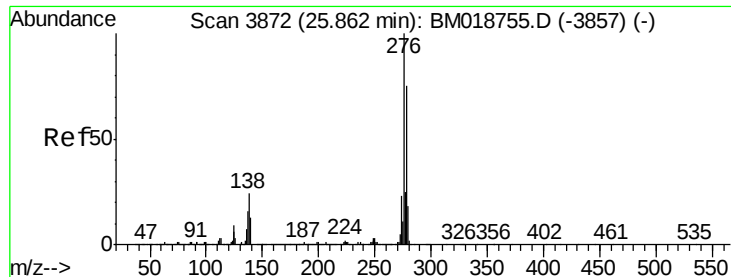
Tgt Ion:149 Resp: 84627
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.8 32.6
 279 4.5 3.6 5.4



#85
 Di-n-octyl phthalate
 Concen: 0.032 ng
 RT: 22.07 min Scan# 3227
 Delta R.T. -0.01 min
 Lab File: BM019045.D
 Acq: 05 Mar 2019 20:18

Tgt Ion:149 Resp: 1869
 Ion Ratio Lower Upper
 149 100
 167 15.8 1.3 1.9#
 43 33.0 6.0 9.0#





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.618 ng

RT: 25.79 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

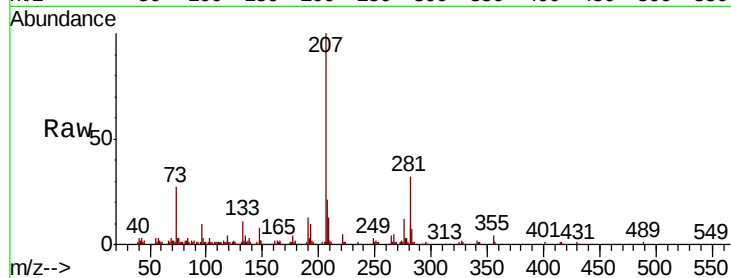
Tgt Ion:276 Resp: 35599

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

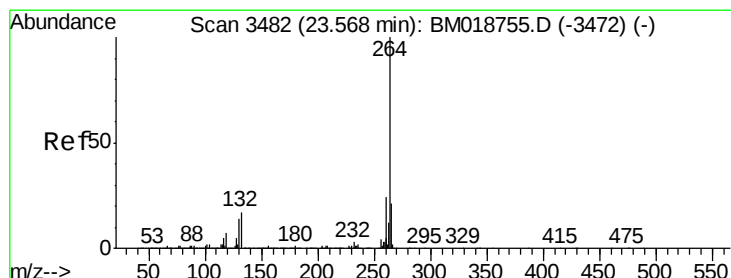
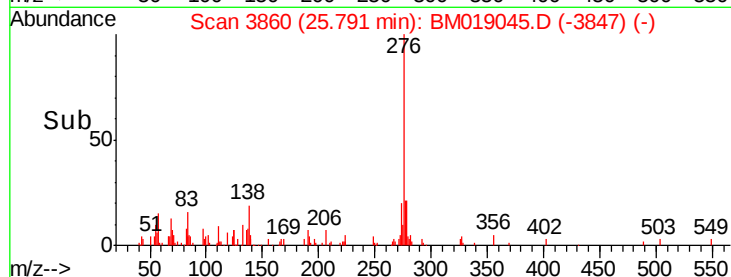
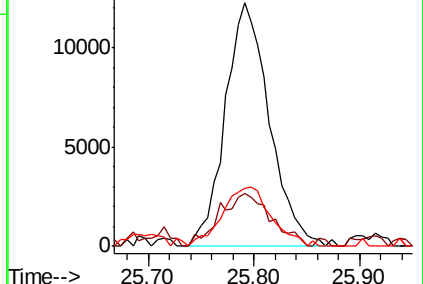
277 26.9 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

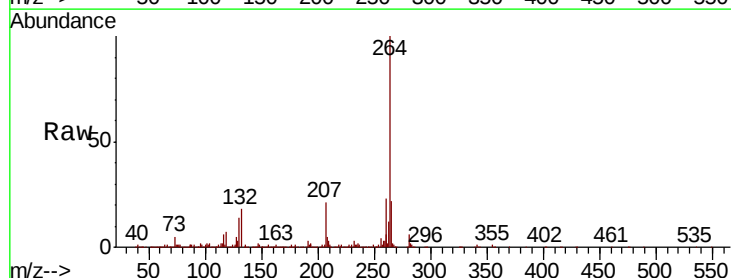
Tgt Ion:264 Resp: 990443

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

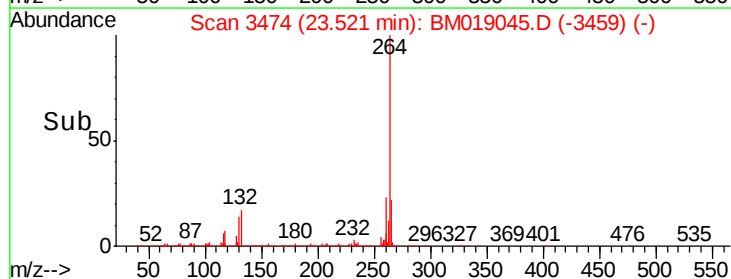
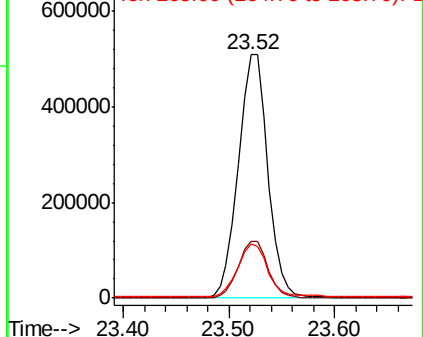
265 22.4 17.3 25.9

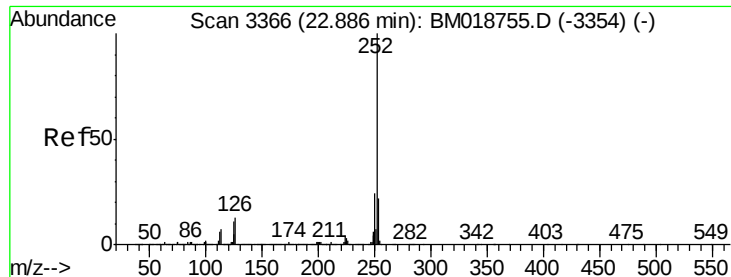


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

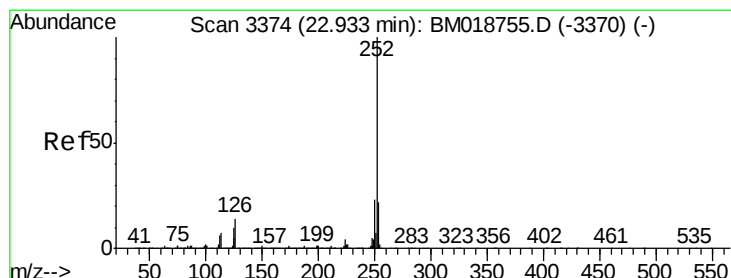
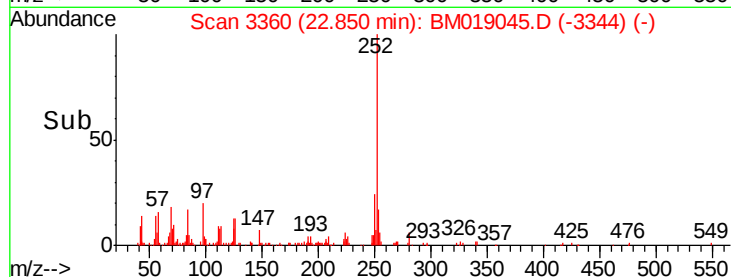
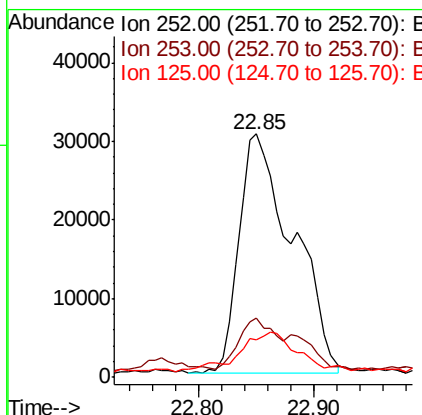
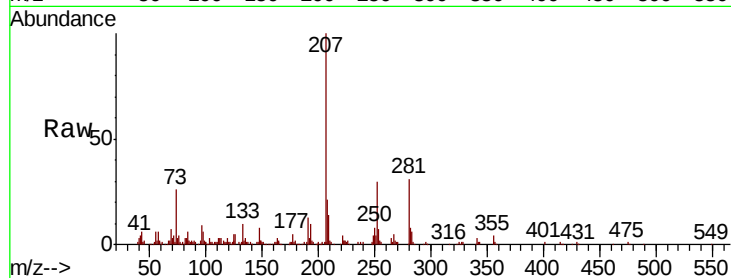




#88
Benzo(b)fluoranthene
Concen: 1.750 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

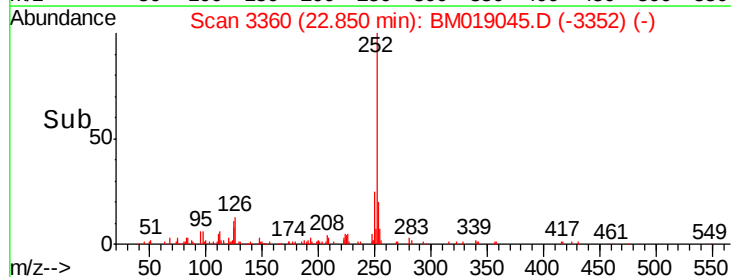
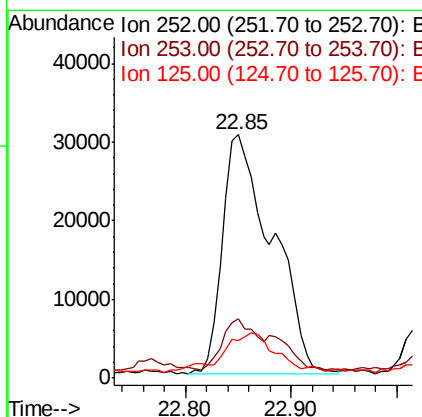
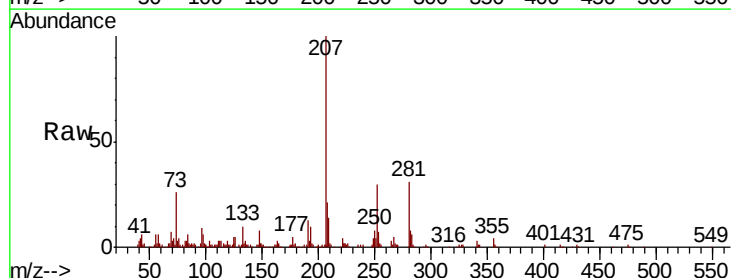
Instrument :
BNA_M
ClientSampleId :
PST-028-B105-022719

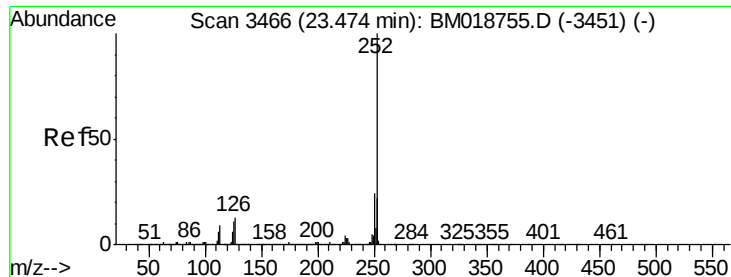
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	15.5	8.6	12.8#



#89
Benzo(k)fluoranthene
Concen: 1.746 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	15.5	8.2	12.4#





#90

Benzo(a)pyrene

Concen: 0.979 ng

RT: 23.42 min Scan# 3457

Delta R.T. -0.02 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

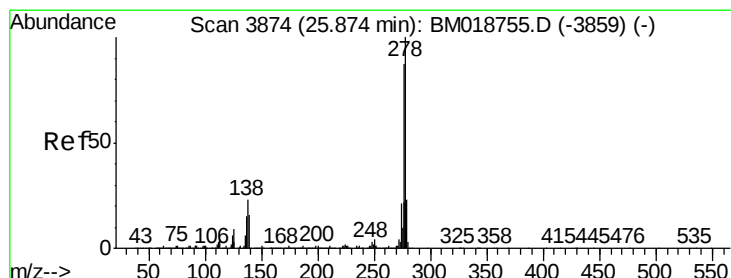
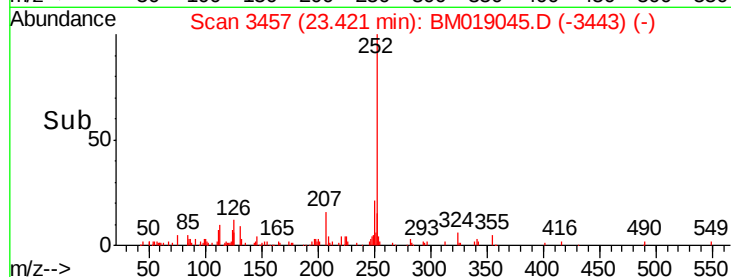
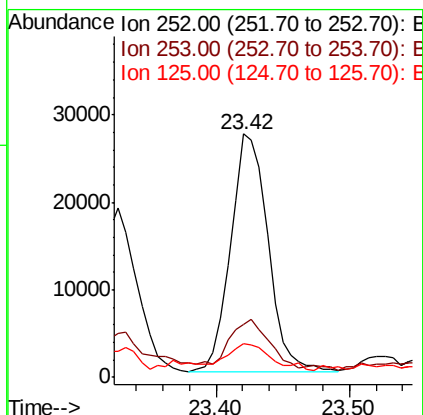
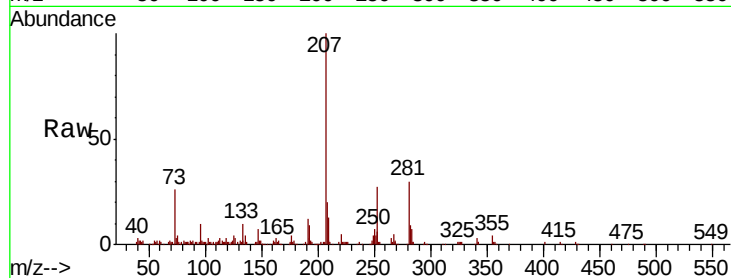
Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

Tgt Ion:	252	Resp:	52561
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.0
125	13.8	8.6	13.0#



#91

Dibenzo(a,h)anthracene

Concen: 0.232 ng

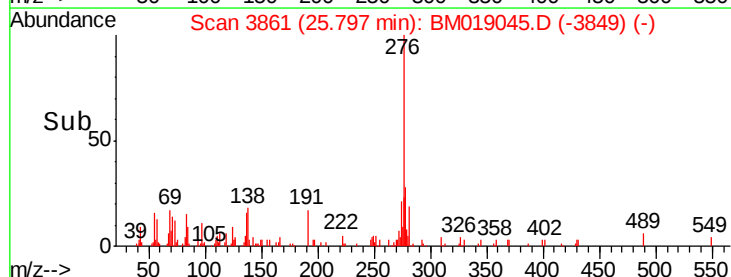
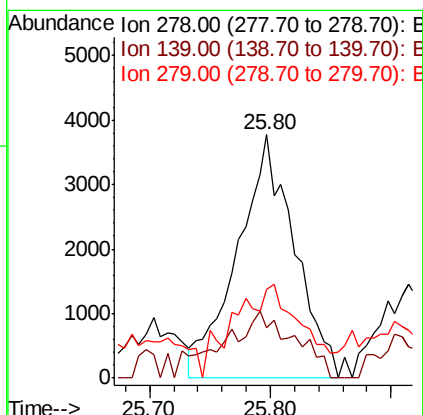
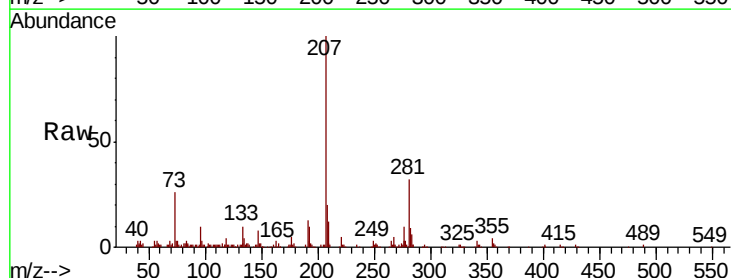
RT: 25.80 min Scan# 3861

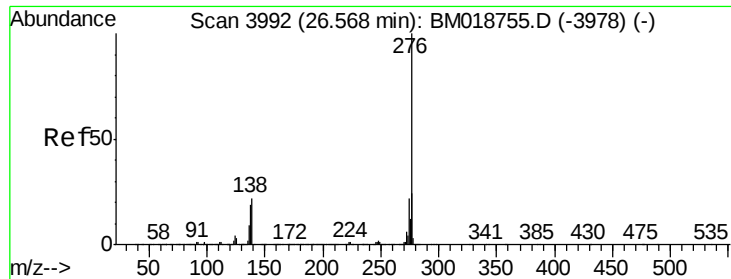
Delta R.T. -0.03 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Tgt Ion:	278	Resp:	12358
Ion Ratio	Lower	Upper	
278	100		
139	20.5	12.6	18.8#
279	36.3	18.6	28.0#





#92

Benzo(g,h,i)perylene

Concen: 0.681 ng

RT: 26.49 min Scan# 3979

Delta R.T. -0.02 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

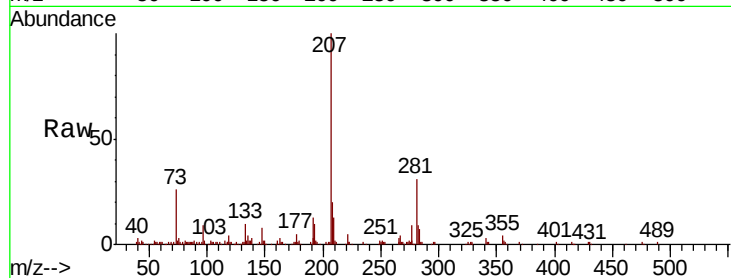
Tgt Ion: 276 Resp: 33718

Ion Ratio Lower Upper

276 100

277 25.6 19.2 28.8

138 28.5 17.3 25.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

