

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019114.D
 Acq On : 12 Mar 2019 16:29
 Operator : JU/SJ
 Sample : K1817-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW066-030619RE

Quant Time: Mar 13 03:53:41 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	204485	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	879829	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	575455	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1350105	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1465110	20.00	ng	0.00
87) Perylene-d12	23.51	264	1504830	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	856827	67.86	ng	0.00
7) Phenol-d6	6.84	99	1290986	69.90	ng	0.00
23) Nitrobenzene-d5	8.83	82	778672	41.84	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	557972	65.67	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	1677904	37.93	ng	0.00
79) Terphenyl-d14	19.71	244	2919524	39.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	670	0.119	ng	# 57
3) Pyridine	3.65	79	111	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.52	42	191	0.040	ng	# 1
9) Benzaldehyde	6.83	77	3428	0.295	ng	# 6
10) Phenol	6.87	94	38097	1.914	ng	# 88
15) Benzyl Alcohol	7.98	79	11797	0.772	ng	# 51
24) Nitrobenzene	8.88	77	113	0.006	ng	# 44
25) Isophorone	9.42	82	114	0.003	ng	# 68
46) 1,1'-Biphenyl	13.16	154	1667	0.033	ng	# 89
49) Acenaphthylene	14.04	152	291	0.005	ng	# 60
50) Dimethylphthalate	13.79	163	138969	2.823	ng	# 99
51) 2,6-Dinitrotoluene	13.84	165	116	0.011	ng	# 20
52) Acenaphthene	14.32	154	2354	0.065	ng	# 5
58) Fluorene	15.38	166	154	0.003	ng	# 79
60) Diethylphthalate	15.16	149	1168	0.023	ng	# 60
71) Phenanthrene	17.12	178	12266	0.155	ng	# 98
72) Anthracene	17.22	178	2360	0.030	ng	# 69
73) Carbazole	17.50	167	564	0.008	ng	# 59
74) Di-n-butylphthalate	18.04	149	2116	0.024	ng	# 78
75) Fluoranthene	19.14	202	19310	0.213	ng	# 95
78) Pyrene	19.50	202	18849	0.203	ng	# 95
80) Butylbenzylphthalate	20.41	149	623	0.015	ng	# 56
81) Benzo(a)anthracene	21.26	228	15211	0.165	ng	# 95
82) 3,3'-Dichlorobenzidine	21.25	252	119	0.003	ng	# 1
83) Chrysene	21.31	228	9915	0.112	ng	# 96
84) Bis(2-ethylhexyl)phthalate	21.17	149	2122	0.036	ng	# 98
85) Di-n-octyl phthalate	22.04	149	203	0.002	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.79	276	4426	0.046	ng	# 84
88) Benzo(b)fluoranthene	22.84	252	10355	0.106	ng	# 57
89) Benzo(k)fluoranthene	22.84	252	10355	0.115	ng	# 58
90) Benzo(a)pyrene	23.41	252	8273	0.094	ng	# 54
91) Dibenzo(a,h)anthracene	25.79	278	1102	0.013	ng	# 1
92) Benzo(a,h,i)perylene	26.48	276	4641	0.060	ng	# 83

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QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

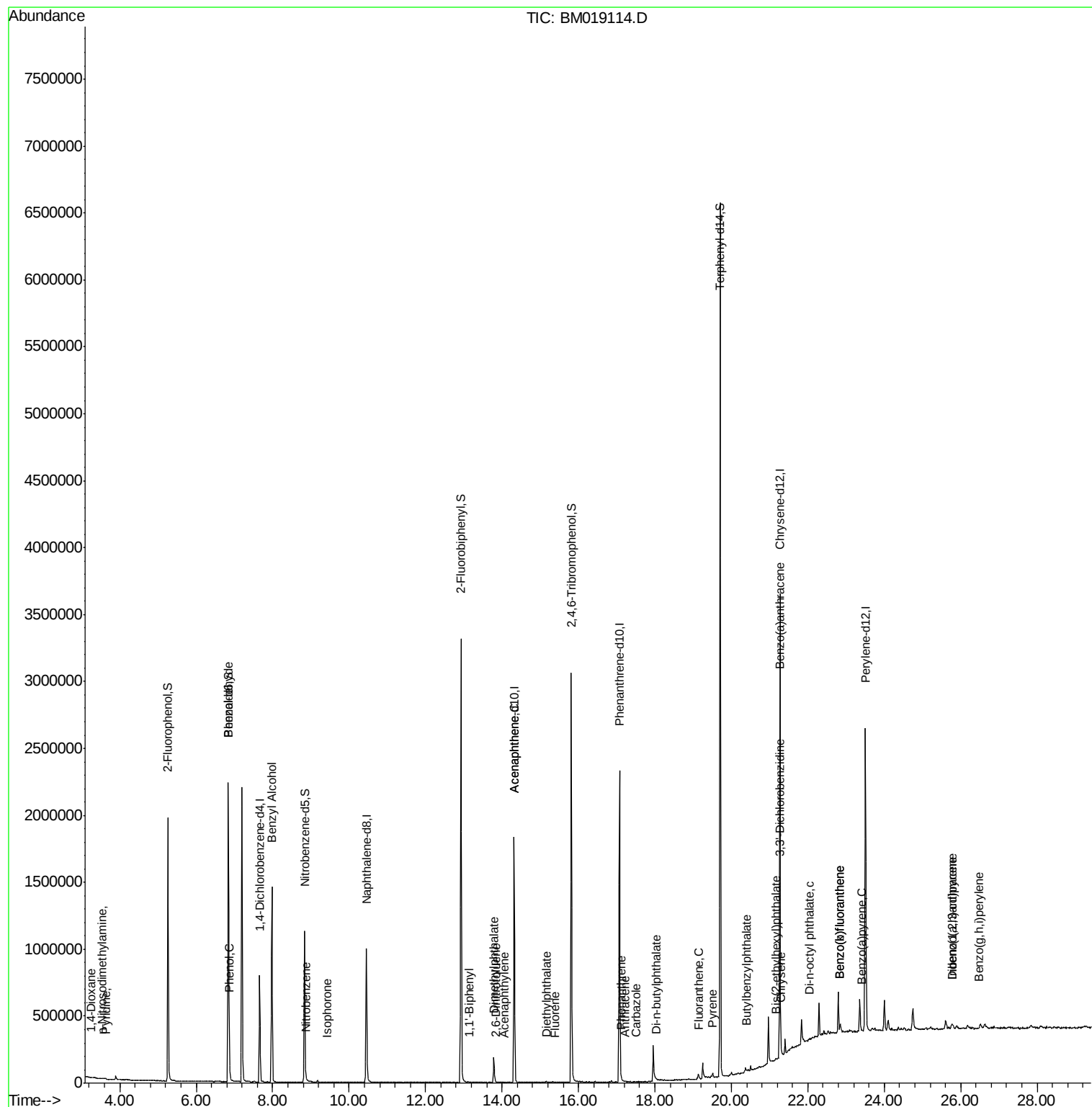
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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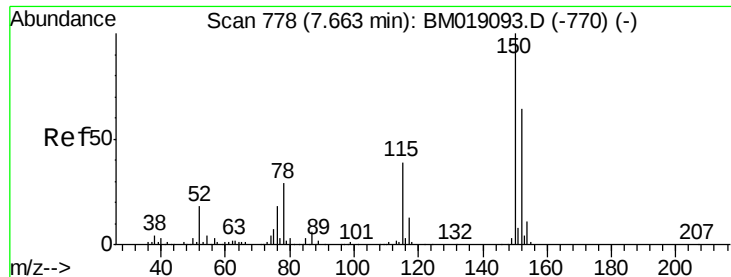
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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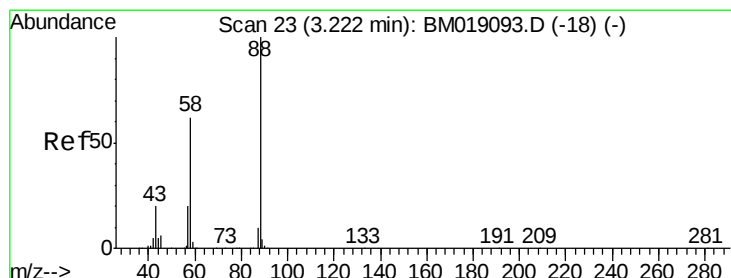
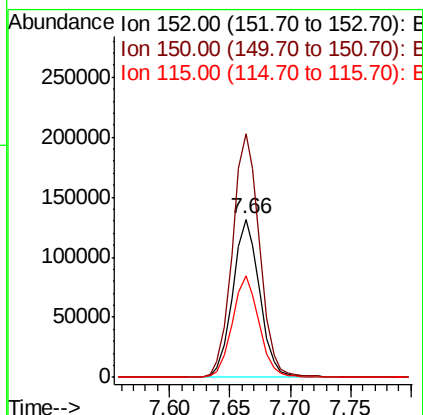
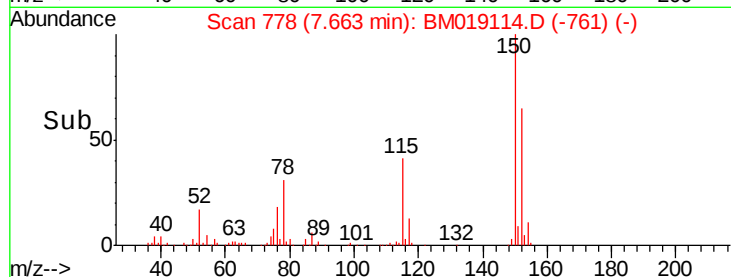
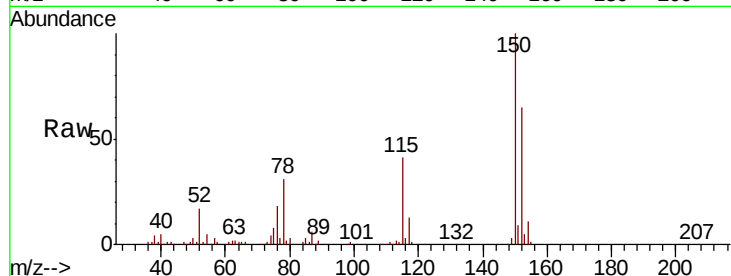


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Instrument :
BNA_M
ClientSampleId :
PST-028-SW066-030619RE

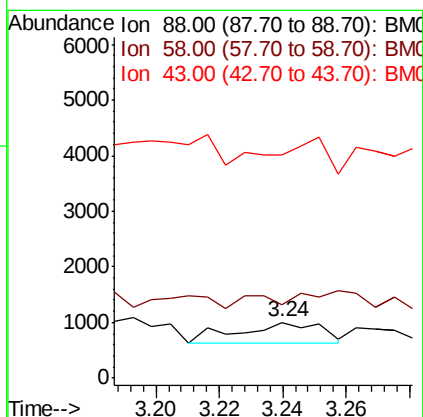
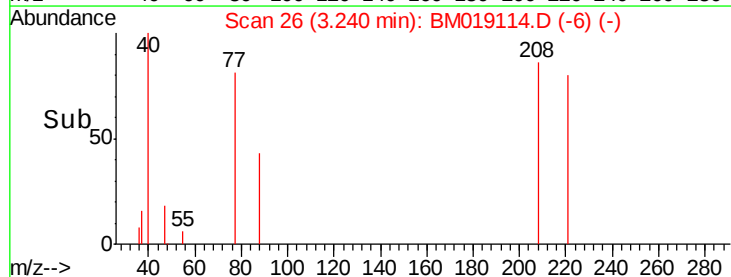
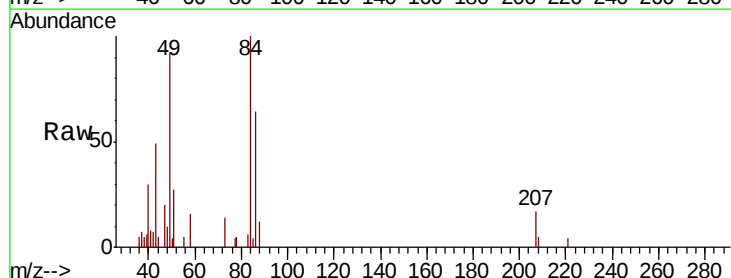
Tot Ion:152 Resp: 204485
Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 63.9 49.4 74.0



#2

1,4-Dioxane
Concen: 0.119 ng
RT: 3.24 min Scan# 26
Delta R.T. 0.02 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Tgt Ion: 88 Resp: 670
Ion Ratio Lower Upper
88 100
58 29.6 50.0 75.0#
43 0.0 17.0 25.4#





#3

Pvridine

Concen: 0.007 ng

RT: 3.65 min Scan# 95

Delta R.T. 0.02 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

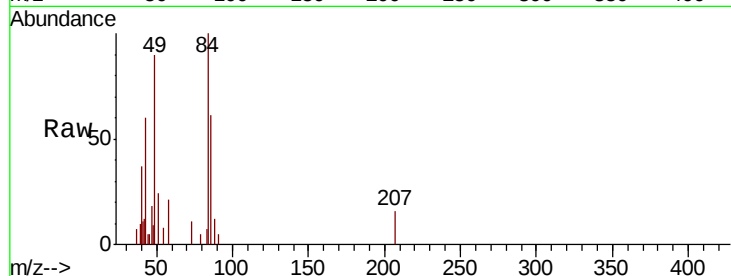
Tot Ion: 79 Resp: 111

Ion Ratio Lower Upper

79 100

52 0.0 37.5 56.3#

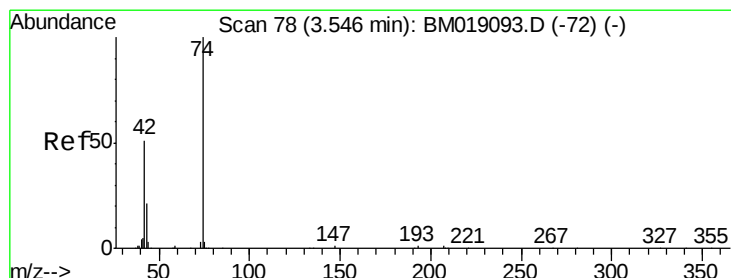
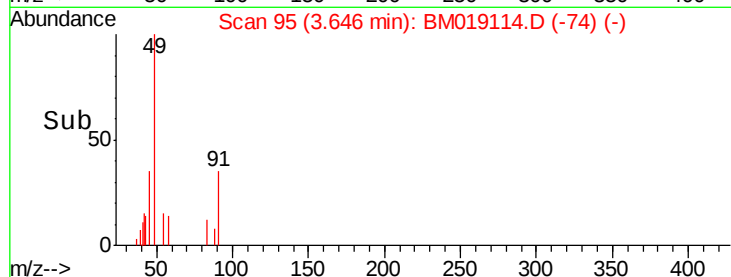
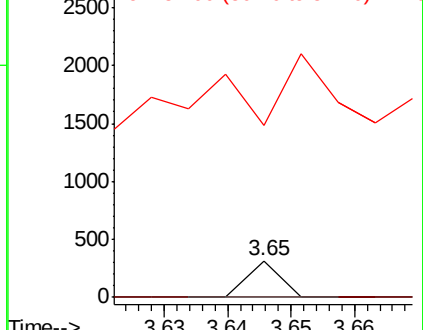
51 472.1 19.2 28.8#



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: 0.040 ng

RT: 3.52 min Scan# 74

Delta R.T. -0.02 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

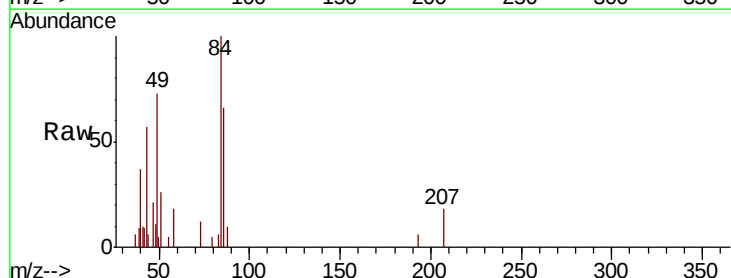
Tgt Ion: 42 Resp: 191

Ion Ratio Lower Upper

42 100

74 0.0 156.3 234.5#

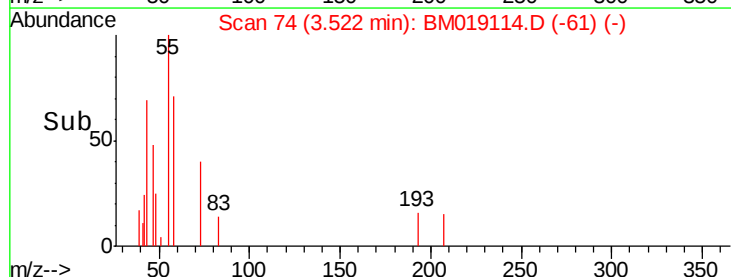
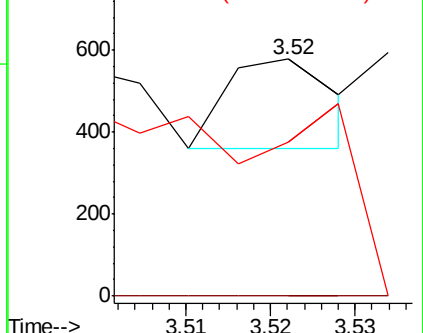
44 65.1 4.6 7.0#

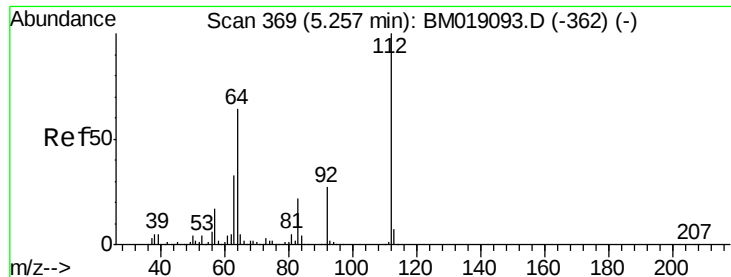


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

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: 67.859 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

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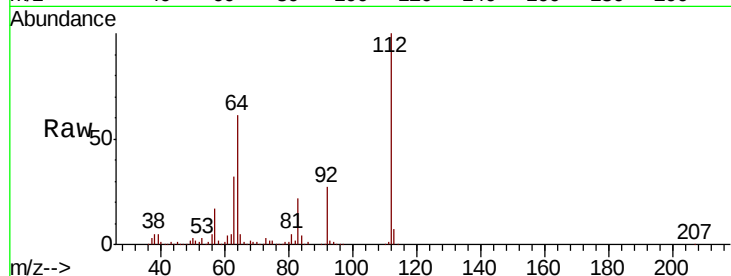
Tot Ion:112 Resp: 856827

Ion Ratio Lower Upper

112 100

64 61.3 51.4 77.0

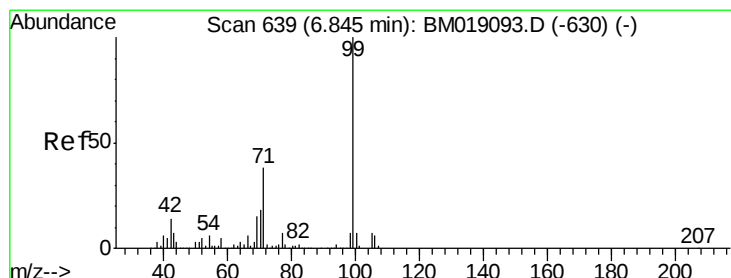
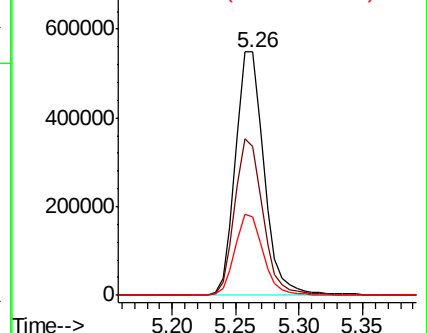
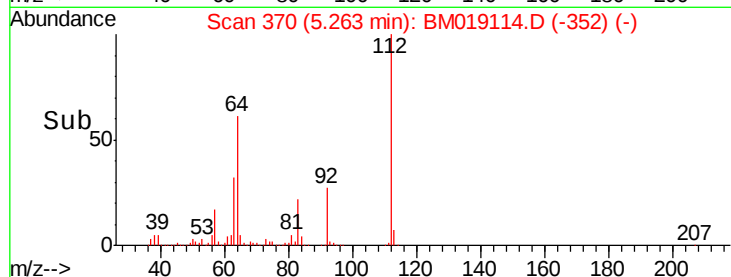
63 32.1 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 69.900 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

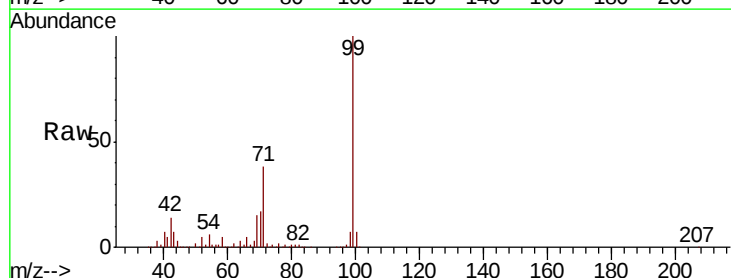
Tgt Ion: 99 Resp: 1290986

Ion Ratio Lower Upper

99 100

42 14.1 10.9 16.3

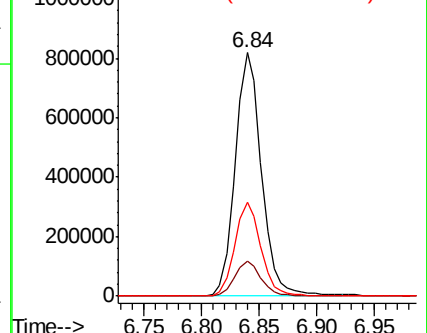
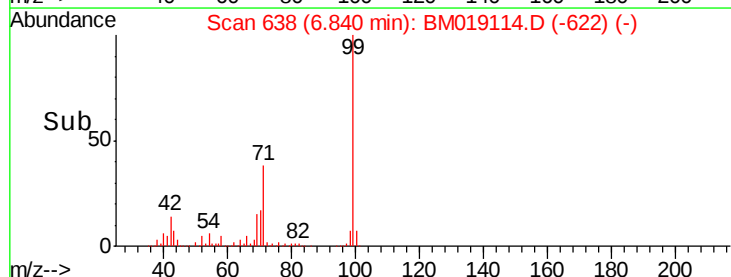
71 38.4 30.3 45.5

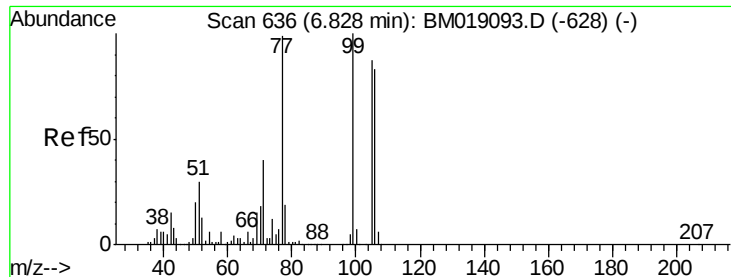


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#9

Benzaldehyd

Concen: 0.295 ng

RT: 6.83 min Scan# 637

Delta R.T. 0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

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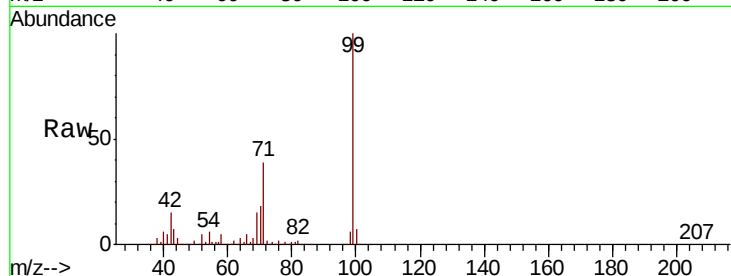
Tot Ion: 77 Resp: 3428

Ion Ratio Lower Upper

77 100

105 0.0 67.7 107.7#

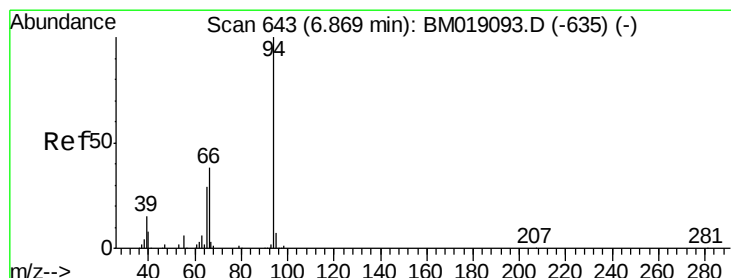
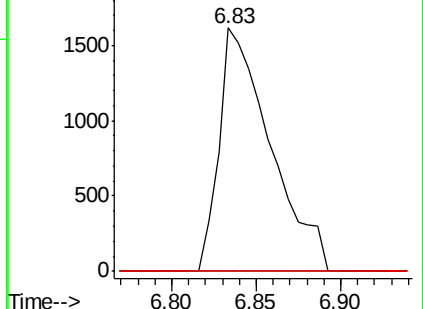
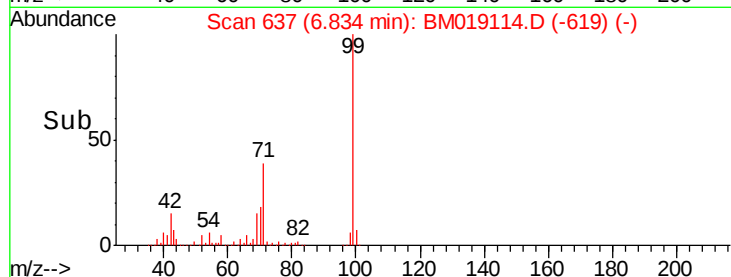
106 0.0 64.1 104.1#



Abundance Ion 77.00 (76.70 to 77.70): BM019114.D (-619) (-)

Ion 105.00 (104.70 to 105.70): BM019114.D (-619) (-)

Ion 106.00 (105.70 to 106.70): BM019114.D (-619) (-)



#10

Phenol

Concen: 1.914 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

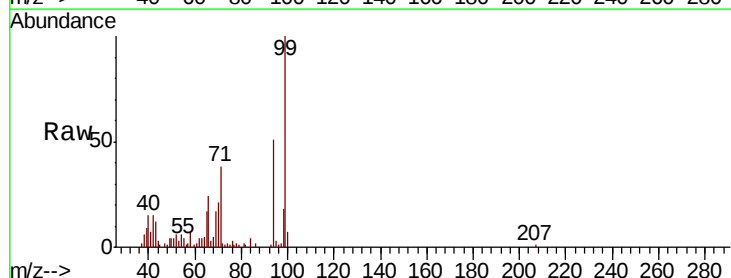
Tgt Ion: 94 Resp: 38097

Ion Ratio Lower Upper

94 100

65 33.5 9.7 49.7

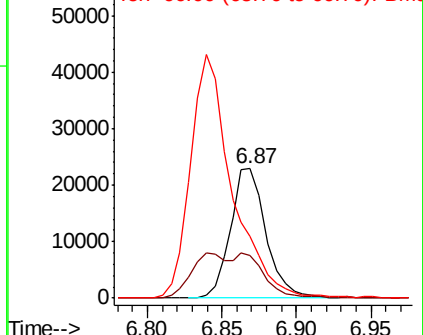
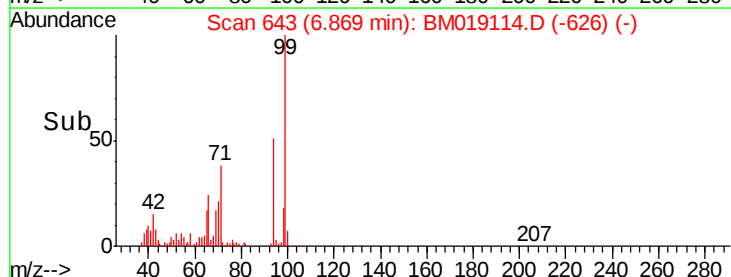
66 48.3 19.2 59.2

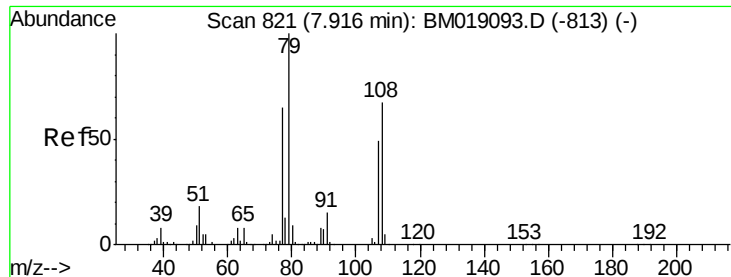


Abundance Ion 94.00 (93.70 to 94.70): BM019114.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM019114.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM019114.D (-626) (-)

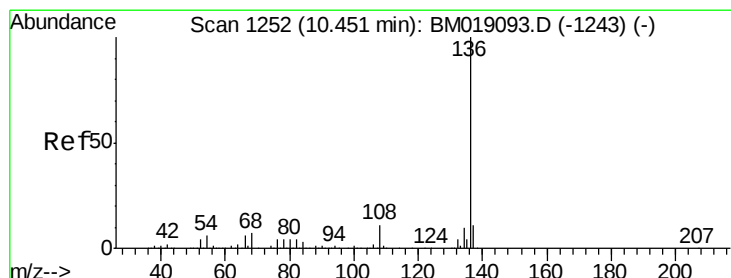
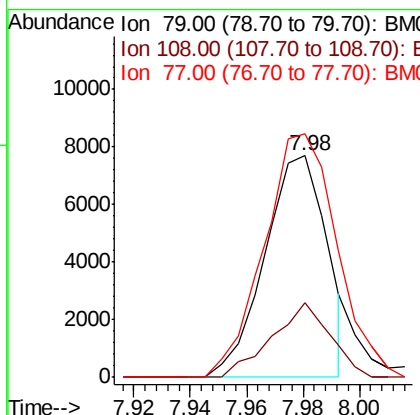
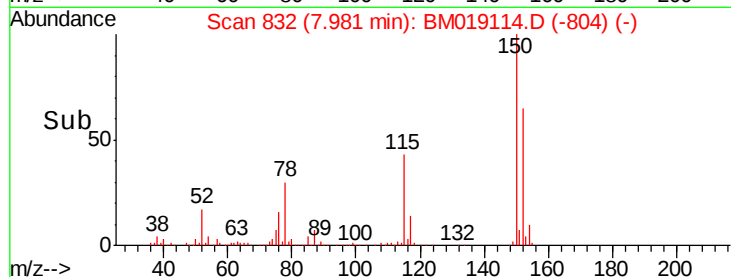
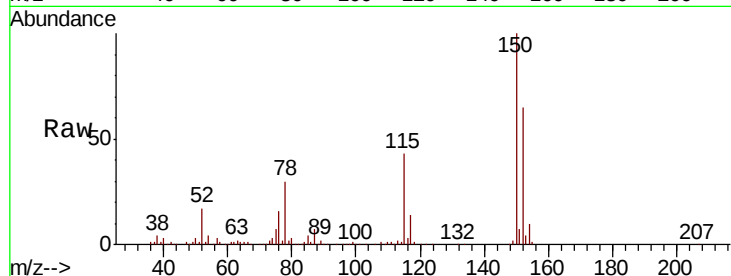




#15
Benzyl Alcohol
Concen: 0.772 ng
RT: 7.98 min Scan# 832
Delta R.T. 0.06 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

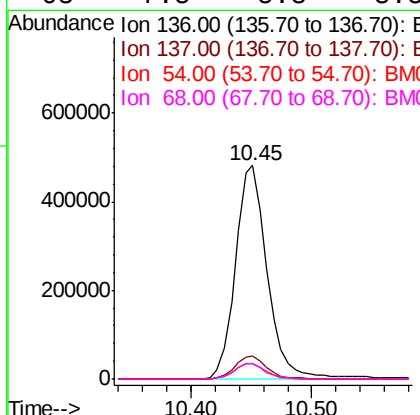
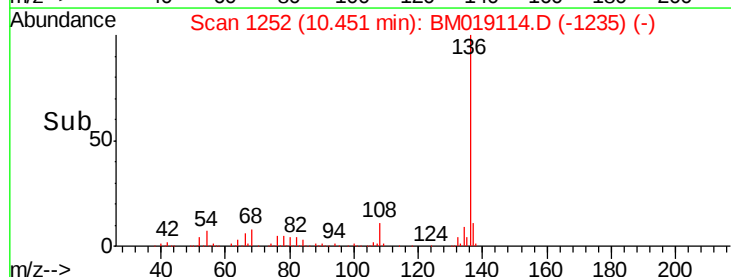
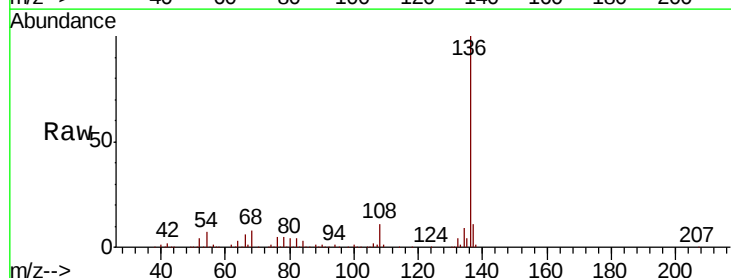
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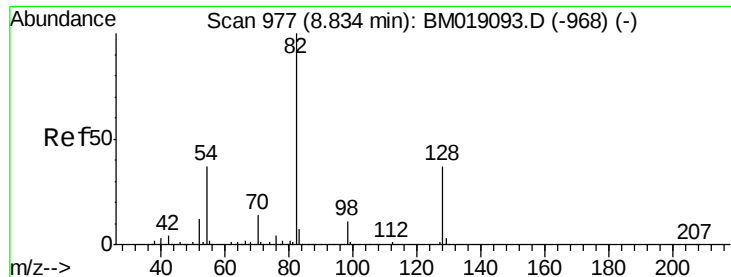
Tot Ion: 79 Resp: 11797
Ion Ratio Lower Upper
79 100
108 33.9 53.7 80.5#
77 110.0 51.8 77.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Tgt Ion: 136 Resp: 879829
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.9 5.2 7.8
68 7.5 5.8 8.8

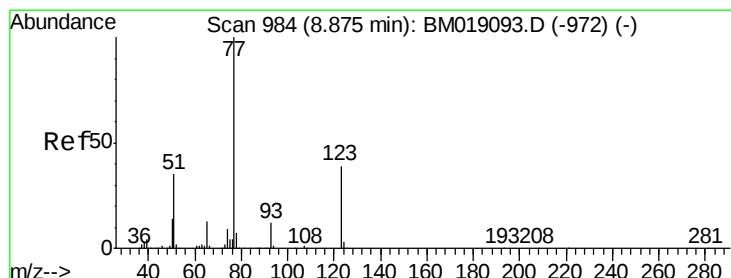
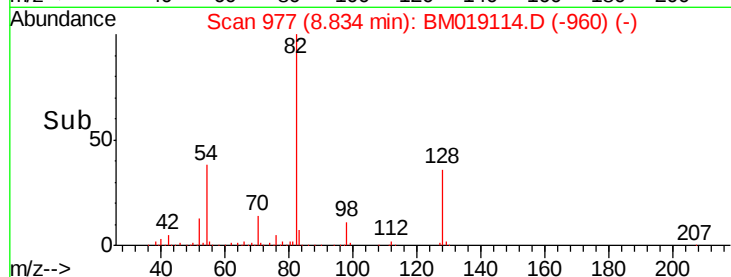
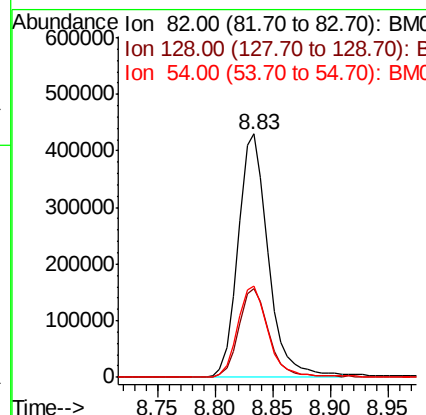
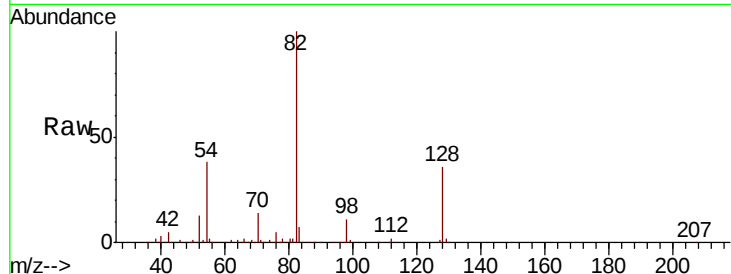




#23
 Nitrobenzene-d5
 Concen: 41.835 ng
 RT: 8.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BM019114.D
 Acq: 12 Mar 2019 16:29

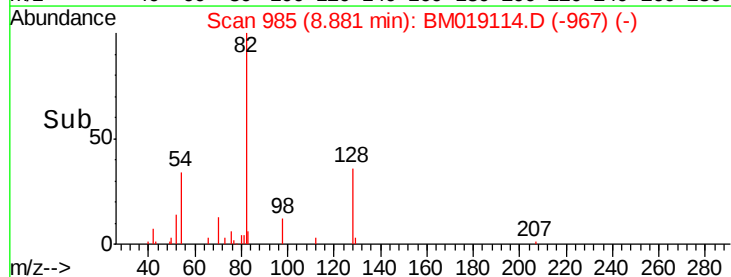
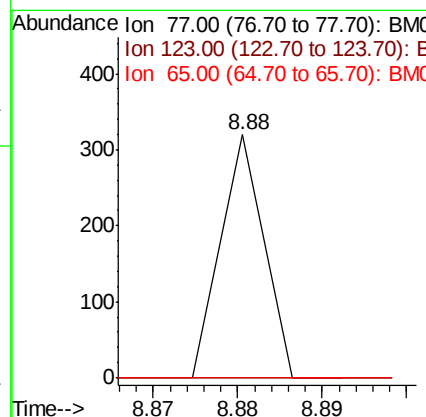
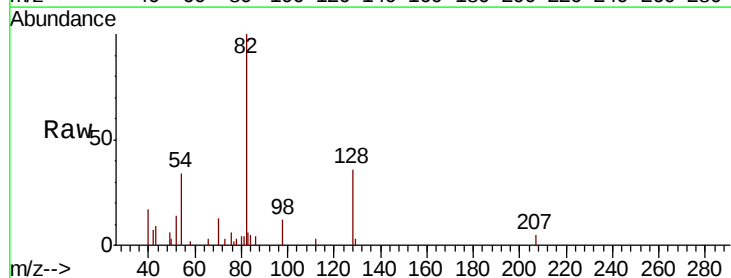
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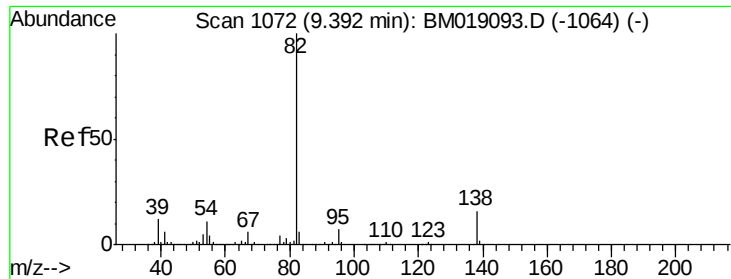
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.4	44.2
54	37.6	29.9	44.9



#24
 Nitrobenzene
 Concen: 0.006 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: BM019114.D
 Acq: 12 Mar 2019 16:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.3	46.9#
65	0.0	10.5	15.7#





#25

Isophorone

Concen: 0.003 ng

RT: 9.42 min Scan# 1076

Delta R.T. 0.02 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

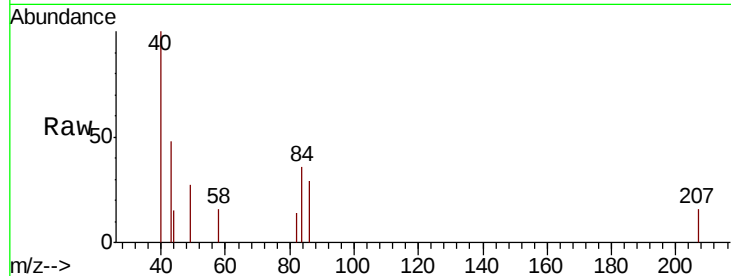
Tot Ion: 82 Resp: 114

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

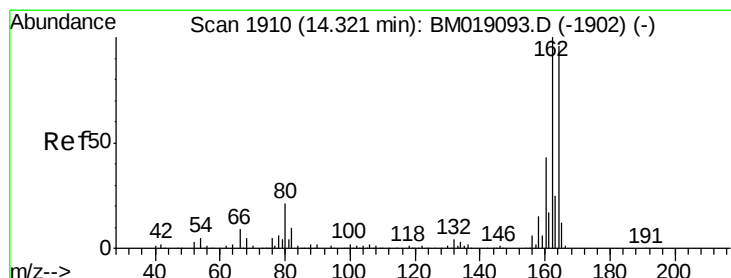
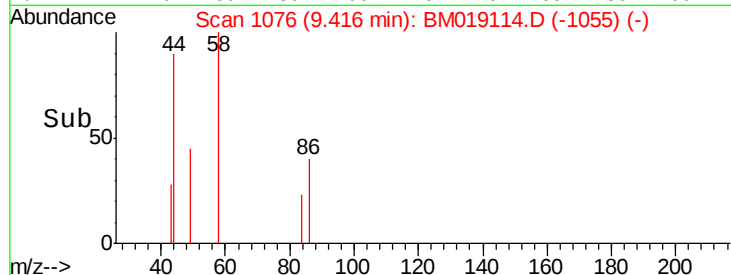
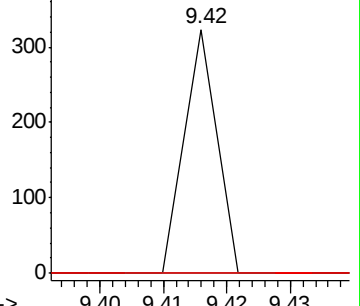
138 0.0 12.6 18.8#



Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM019093.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019093.D (-1064) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

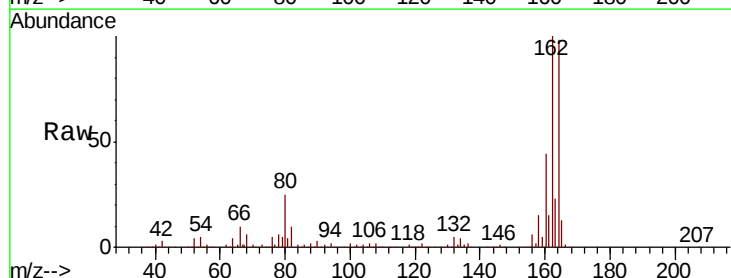
Tgt Ion:164 Resp: 575455

Ion Ratio Lower Upper

164 100

162 101.6 83.5 125.3

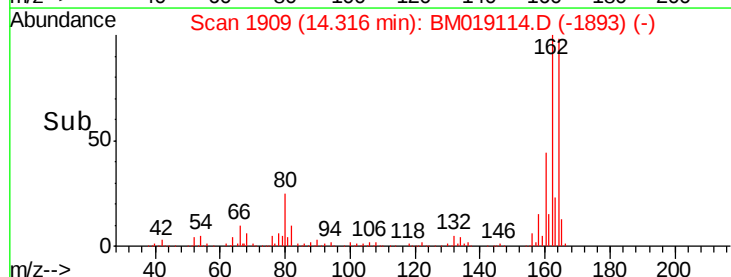
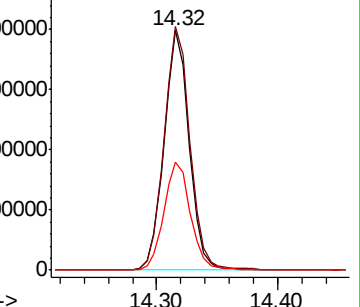
160 44.9 36.3 54.5

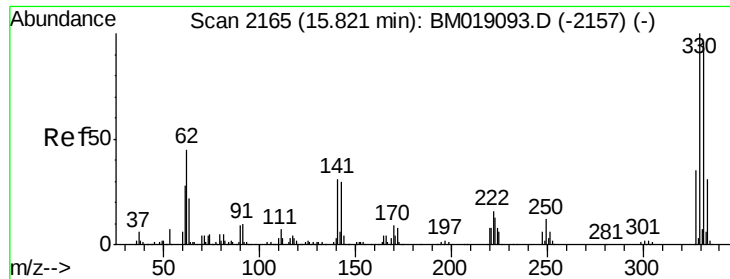


Abundance Ion 164.00 (163.70 to 164.70): BM019093.D (-1902) (-)

Ion 162.00 (161.70 to 162.70): BM019093.D (-1902) (-)

Ion 160.00 (159.70 to 160.70): BM019093.D (-1902) (-)

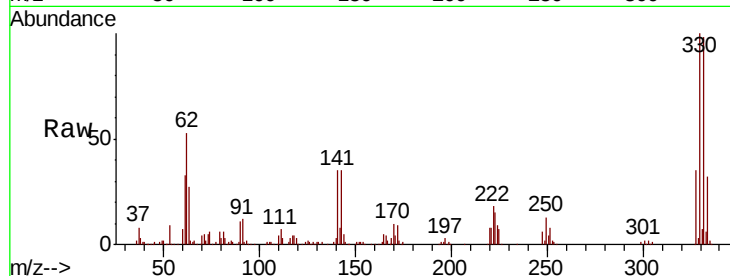




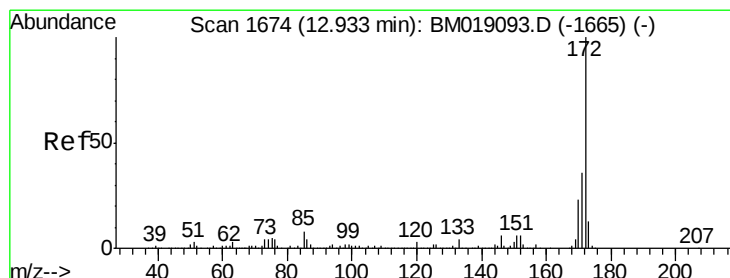
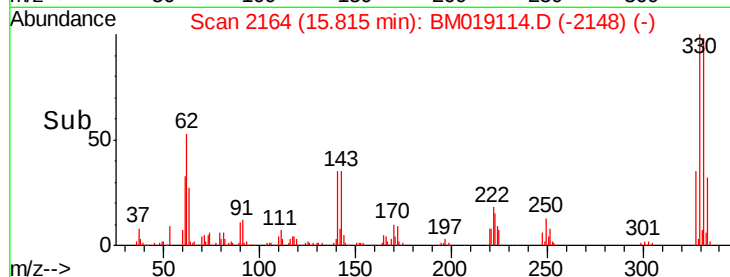
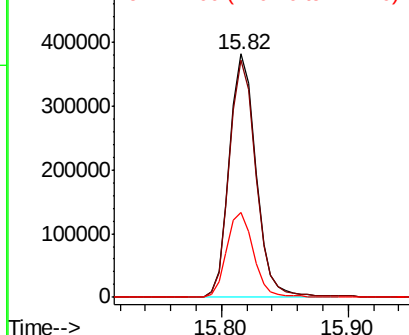
#42
 2,4,6-Tribromophenol
 Concen: 65.672 ng
 RT: 15.82 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM019114.D
 Acq: 12 Mar 2019 16:29

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW066-030619RE

Tot Ion:330 Resp: 557972
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 35.5 27.0 40.4

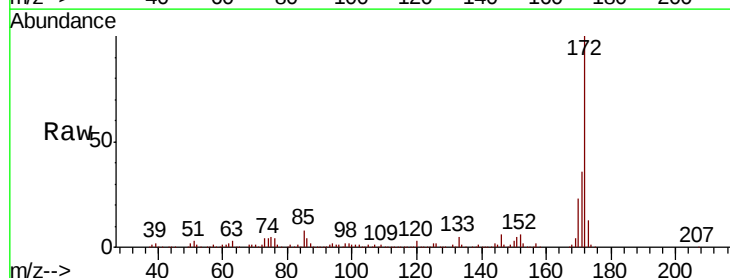


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

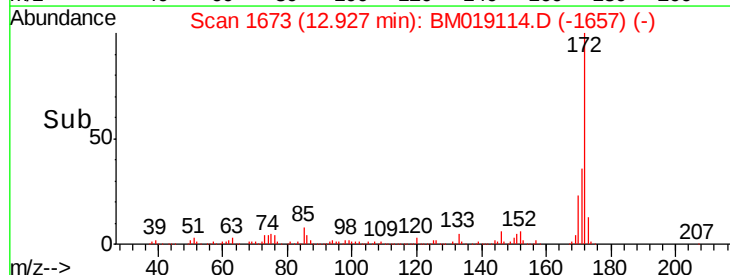
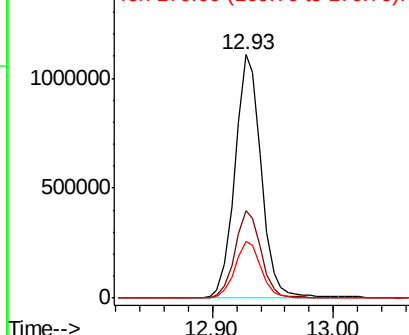


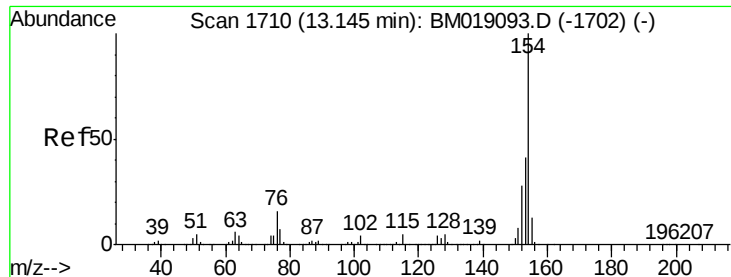
#45
 2-Fluorobiphenyl
 Concen: 37.927 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM019114.D
 Acq: 12 Mar 2019 16:29

Tgt Ion:172 Resp: 1677904
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.1 18.6 28.0



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

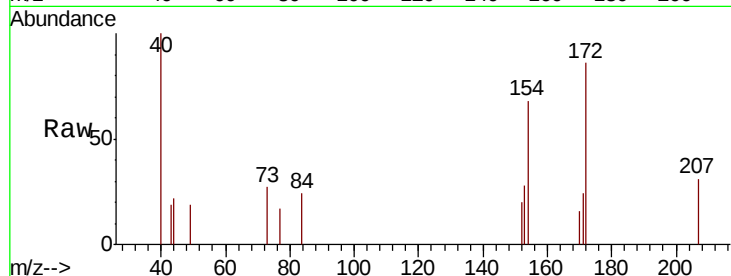




#46
1,1'-Biphenyl
Concen: 0.033 ng
RT: 13.16 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Instrument :
BNA_M
ClientSampleId :
PST-028-SW066-030619RE

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.5	61.5
76	0.0	0.0	35.8

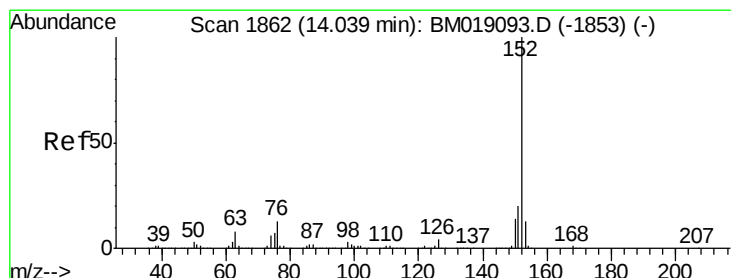
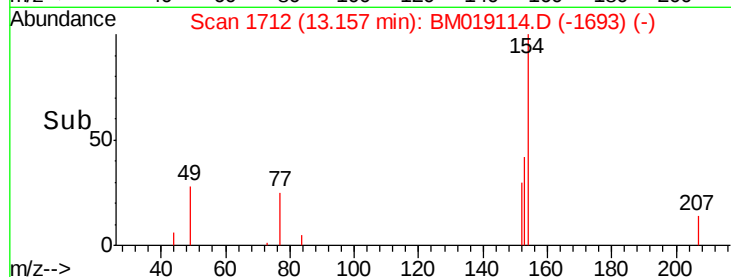
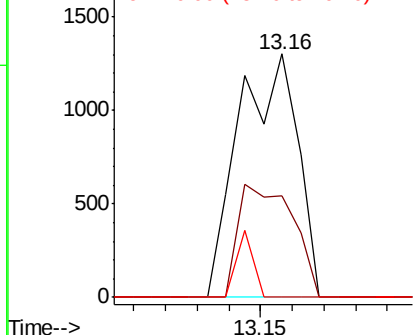


Abundance

Ion 154.00 (153.70 to 154.70): E

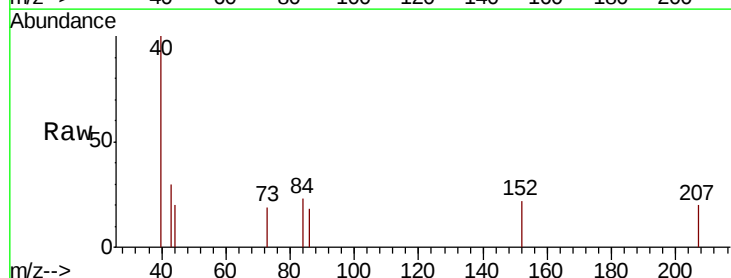
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#49
Acenaphthylene
Concen: 0.005 ng
RT: 14.04 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.2	24.2#
153	0.0	10.6	15.8#

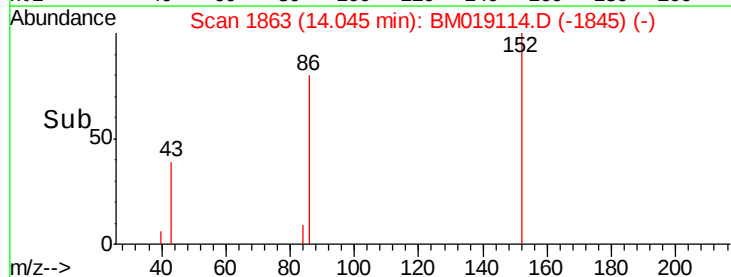
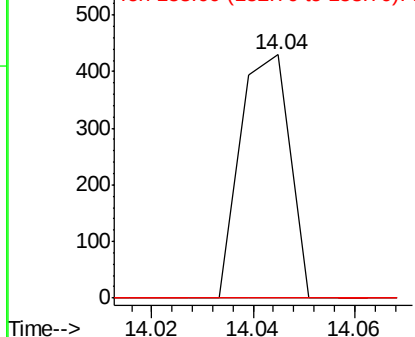


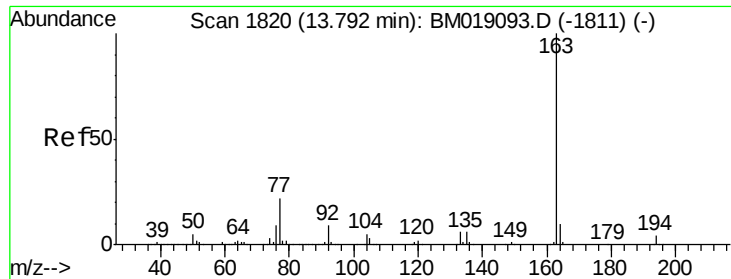
Abundance

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: 2.823 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

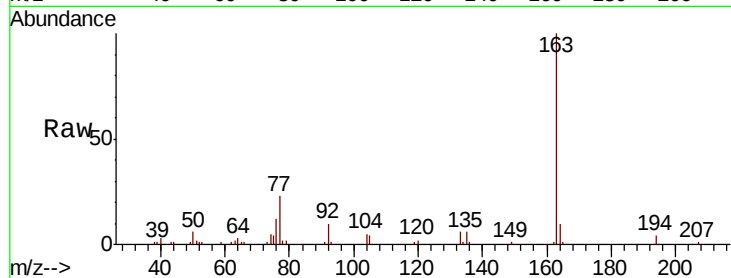
Tot Ion:163 Resp: 138969

Ion Ratio Lower Upper

163 100

194 3.5 3.3 4.9

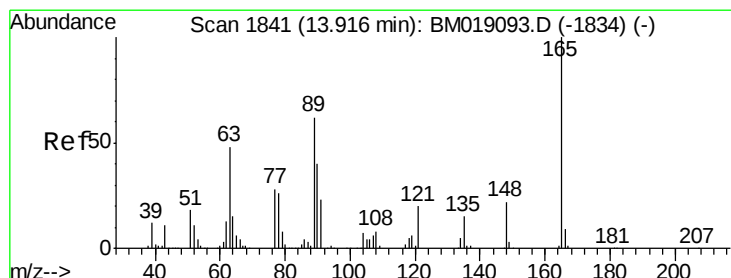
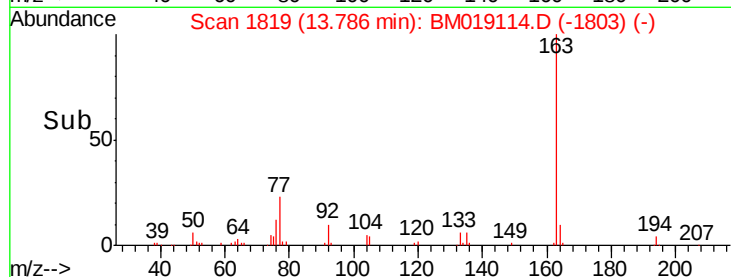
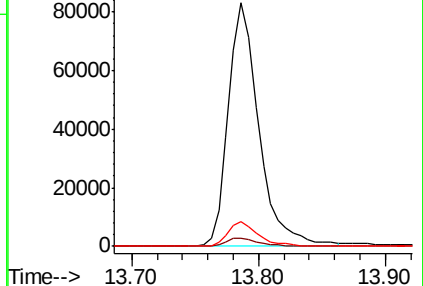
164 9.9 7.7 11.5



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: 0.011 ng

RT: 13.84 min Scan# 1828

Delta R.T. -0.08 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

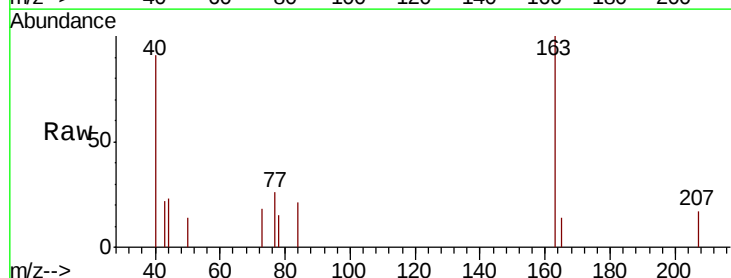
Tgt Ion:165 Resp: 116

Ion Ratio Lower Upper

165 100

63 0.0 48.2 72.4#

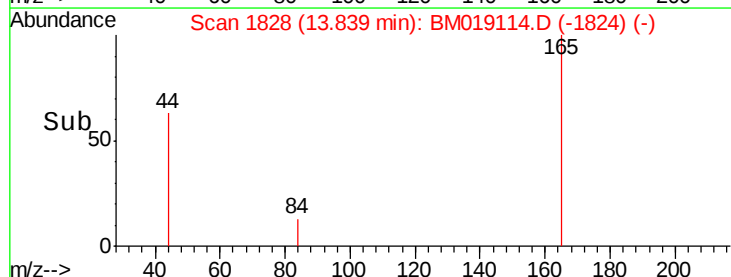
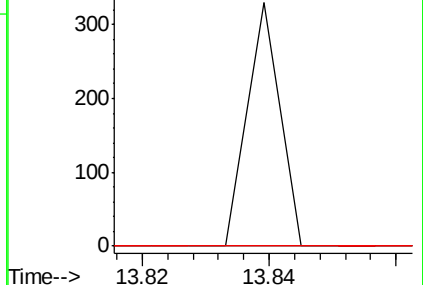
89 0.0 49.3 73.9#

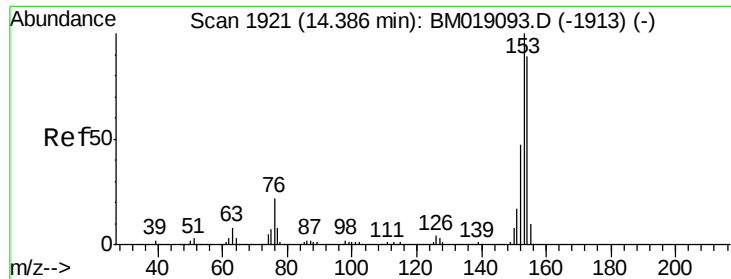


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 0.065 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.07 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

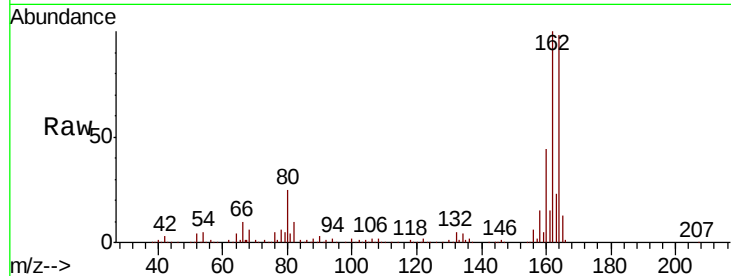
Tot Ion:154 Resp: 2354

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

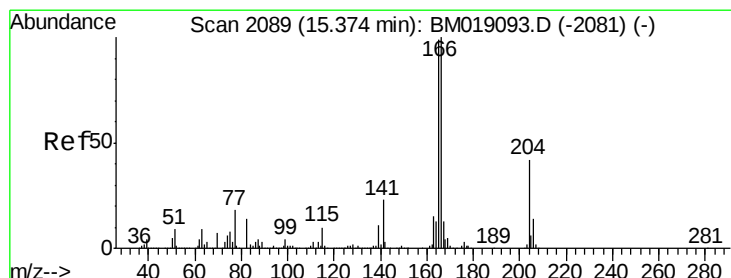
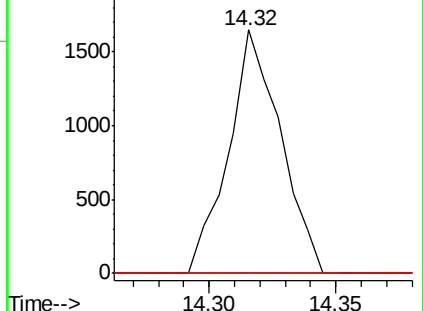
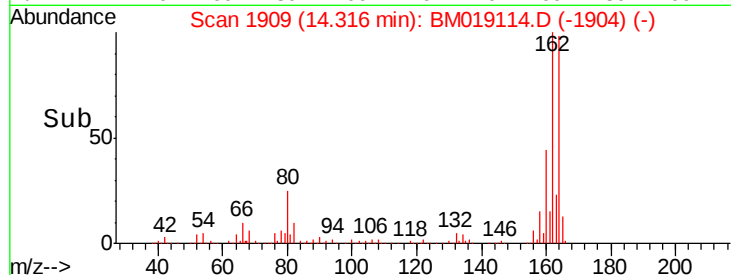
152 0.0 42.5 63.7#



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



#58

Fluorene

Concen: 0.003 ng

RT: 15.38 min Scan# 2090

Delta R.T. 0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

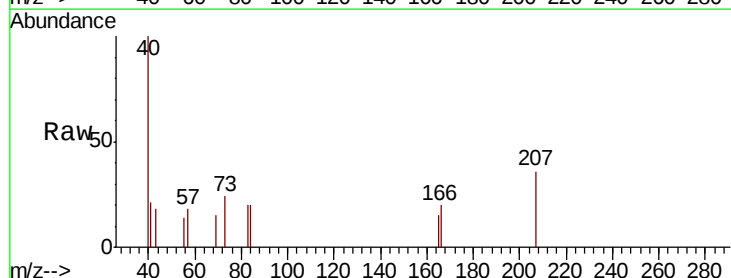
Tgt Ion:166 Resp: 154

Ion Ratio Lower Upper

166 100

165 79.1 79.0 118.4

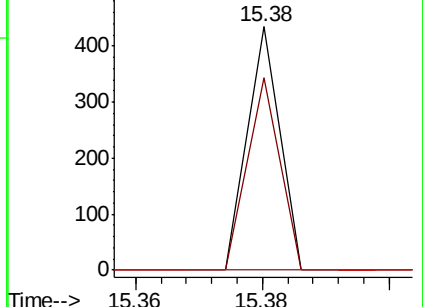
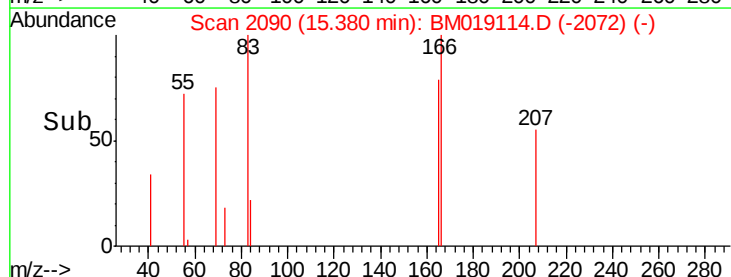
167 0.0 10.8 16.2#

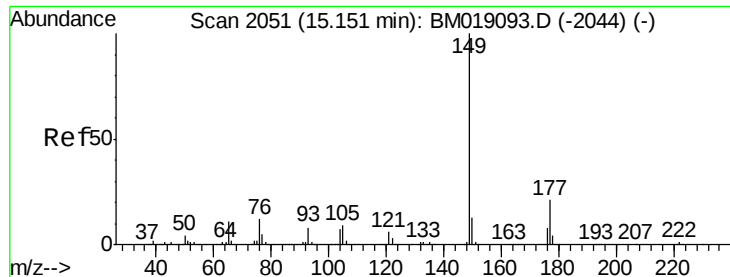


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

Diethylphthalate

Concen: 0.023 ng

RT: 15.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

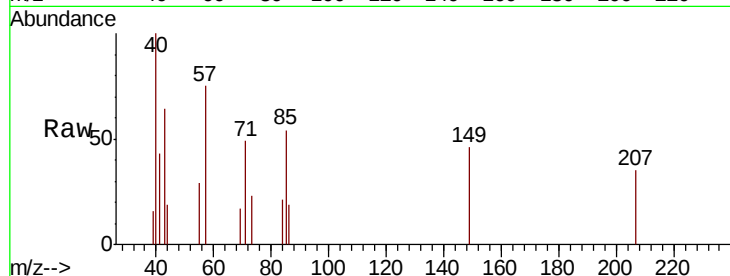
Tot Ion:149 Resp: 1168

Ion Ratio Lower Upper

149 100

177 0.0 17.0 25.6#

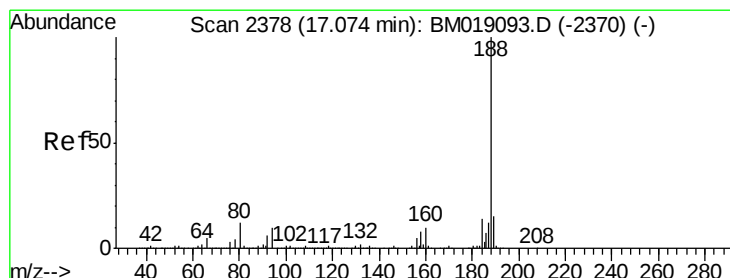
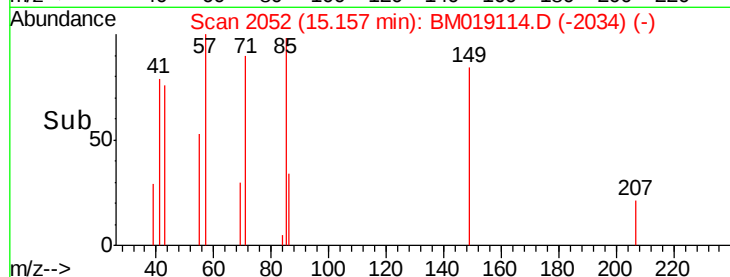
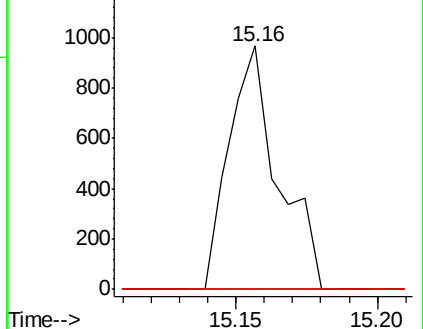
150 0.0 10.2 15.4#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

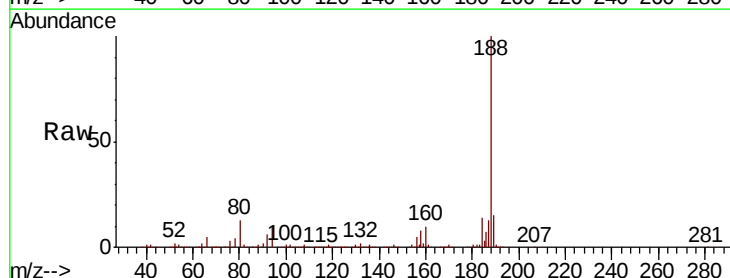
Tgt Ion:188 Resp: 1350105

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

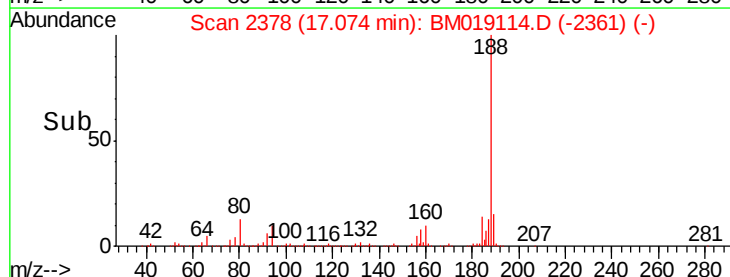
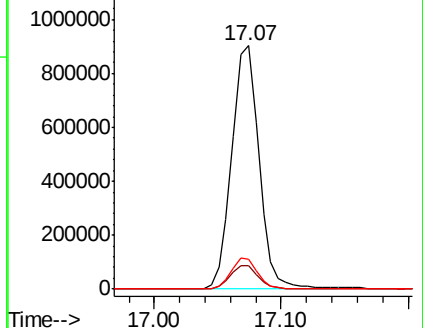
80 12.5 9.7 14.5

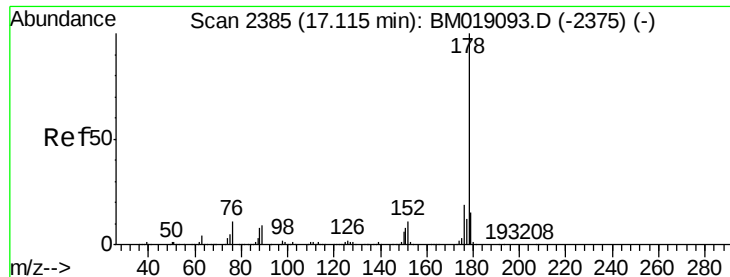


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

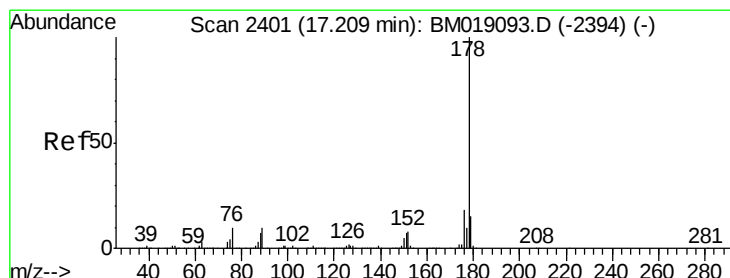
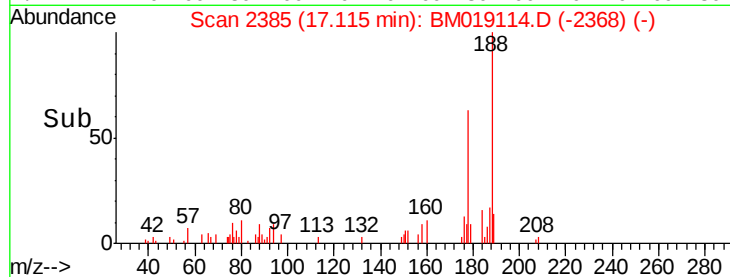
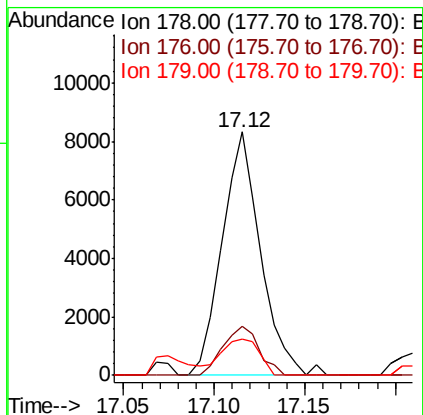
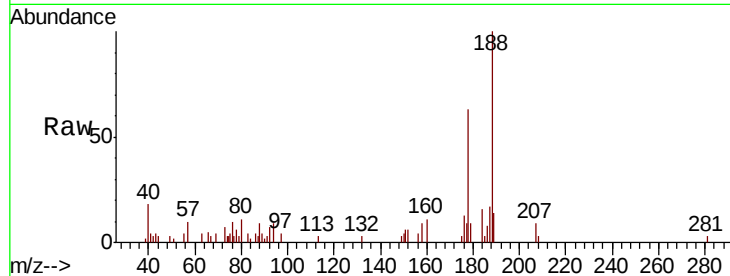




#71
Phenanthrene
Concen: 0.155 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

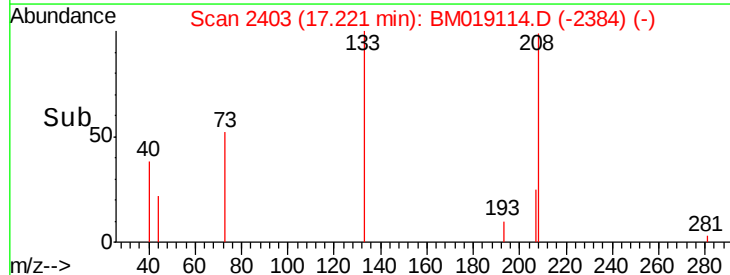
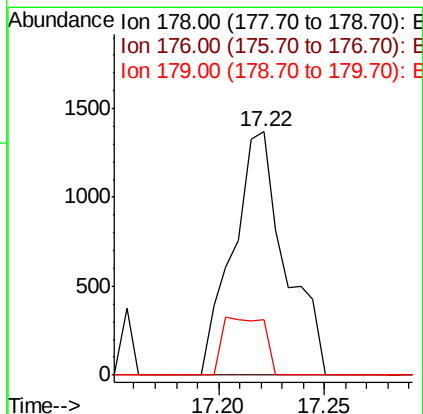
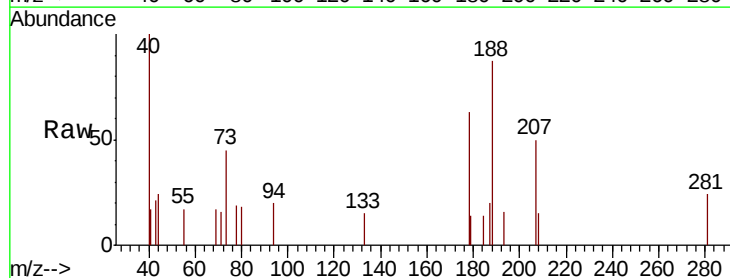
Instrument :
BNA_M
ClientSampleId :
PST-028-SW066-030619RE

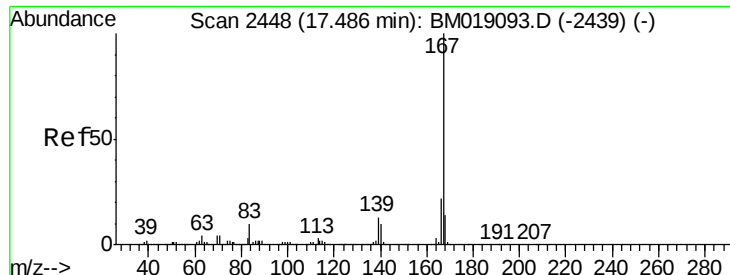
Tot Ion:178 Resp: 12266
Ion Ratio Lower Upper
178 100
176 20.3 15.3 22.9
179 15.1 12.2 18.2



#72
Anthracene
Concen: 0.030 ng
RT: 17.22 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BM019114.D
Acq: 12 Mar 2019 16:29

Tgt Ion:178 Resp: 2360
Ion Ratio Lower Upper
178 100
176 0.0 14.6 22.0#
179 22.8 11.9 17.9#





#73

Carbazole

Concen: 0.008 ng

RT: 17.50 min Scan# 2451

Delta R.T. 0.02 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

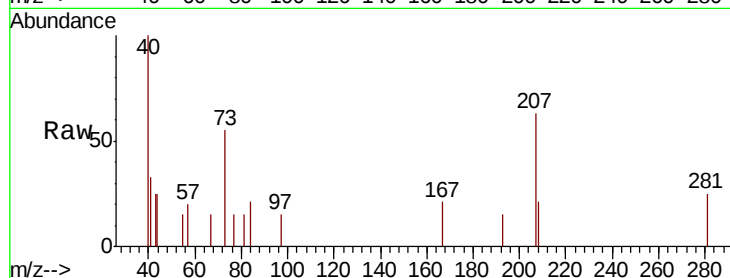
Tot Ion:167 Resp: 564

Ion Ratio Lower Upper

167 100

166 0.0 17.8 26.8#

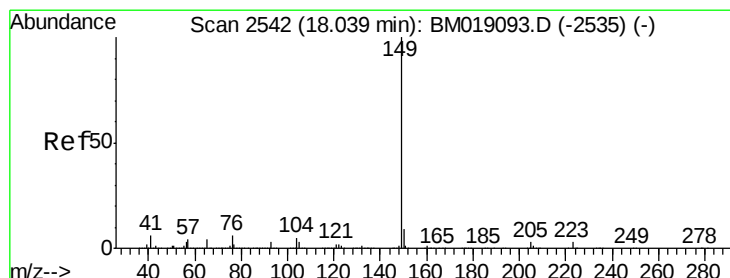
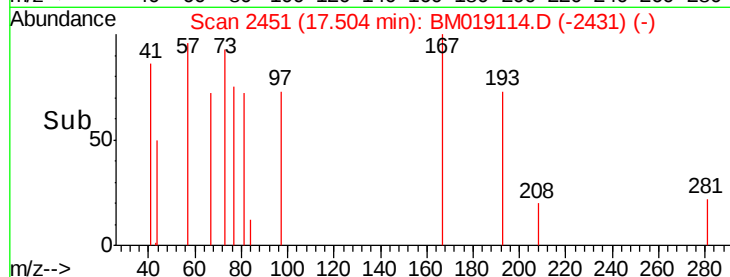
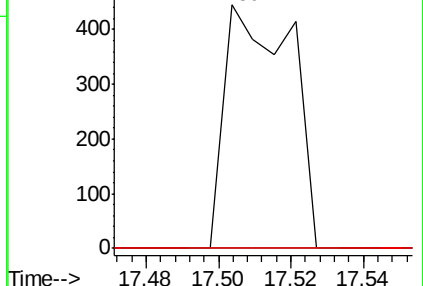
139 0.0 10.5 15.7#



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: 0.024 ng

RT: 18.04 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

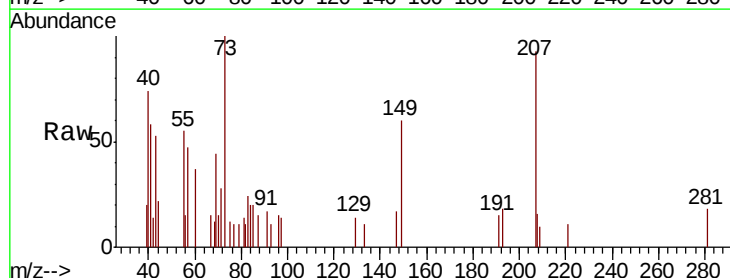
Tgt Ion:149 Resp: 2116

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

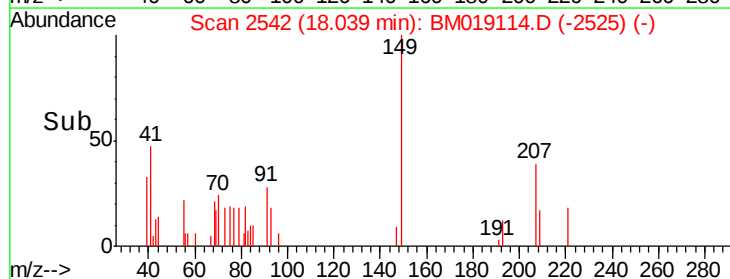
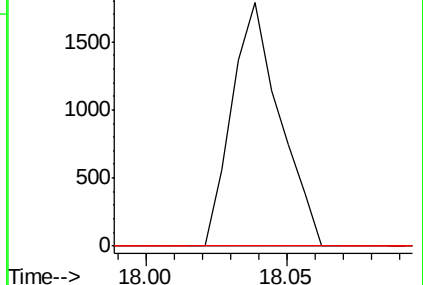
104 0.0 4.2 6.4#

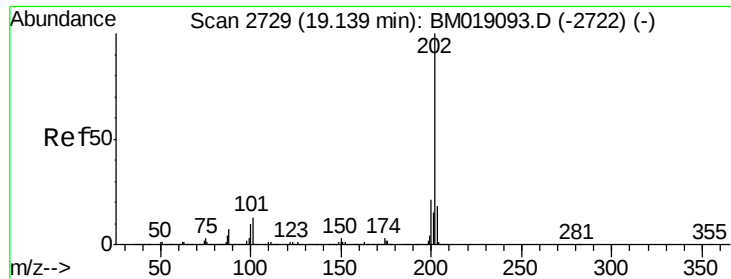


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.213 ng

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

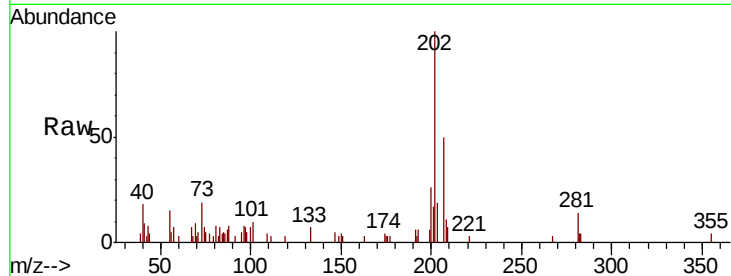
Tot Ion:202 Resp: 19310

Ion Ratio Lower Upper

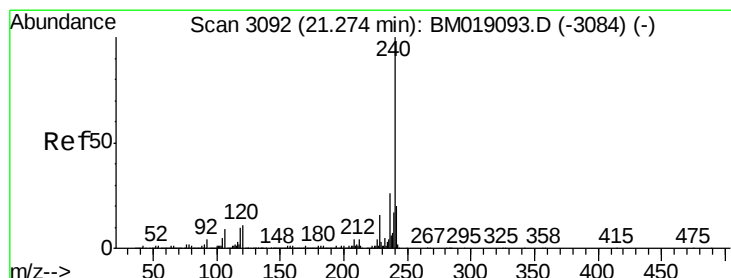
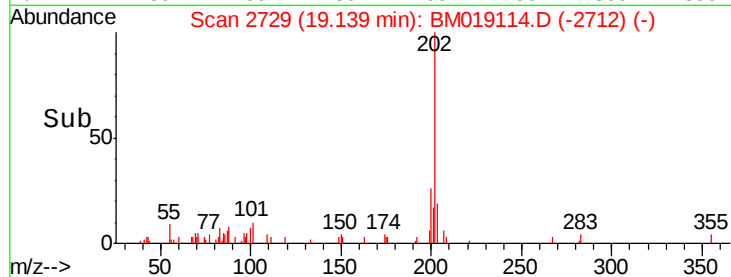
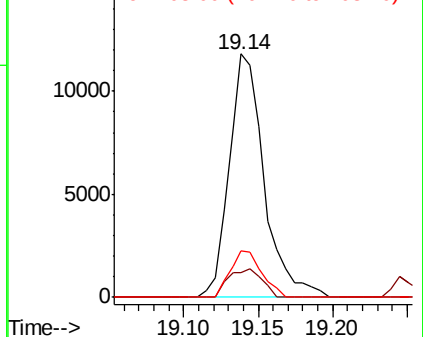
202 100

101 10.0 0.0 33.0

203 19.1 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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

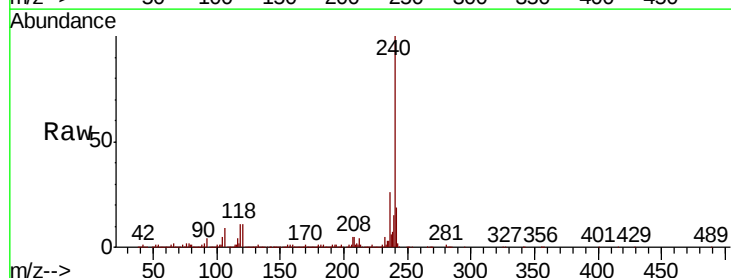
Tgt Ion:240 Resp: 1465110

Ion Ratio Lower Upper

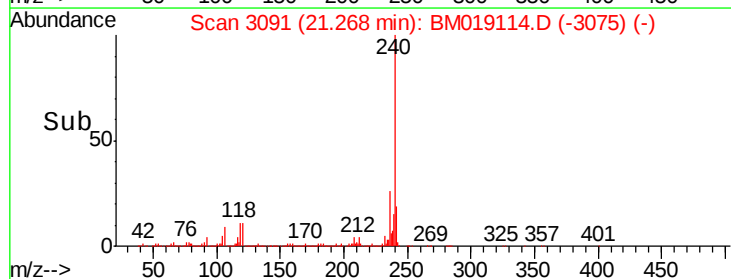
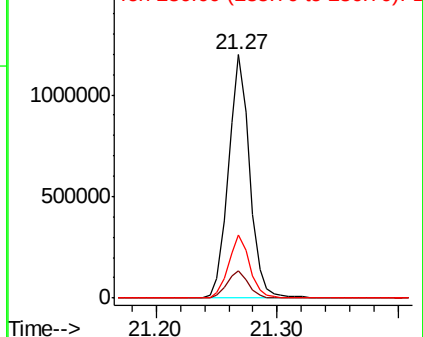
240 100

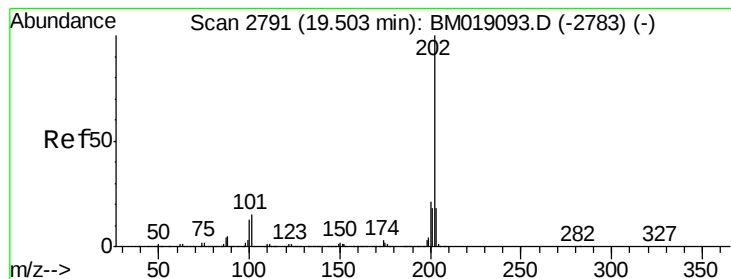
120 11.4 8.9 13.3

236 26.0 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

Pvrene

Concen: 0.203 ng

RT: 19.50 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

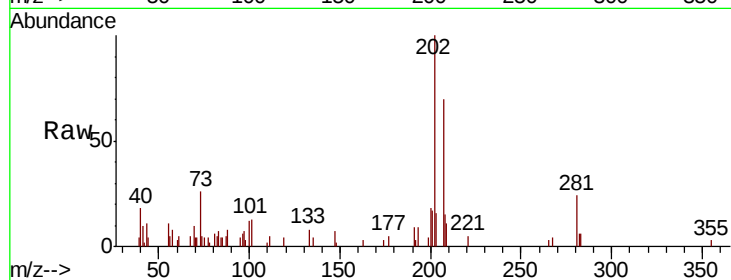
Tot Ion:202 Resp: 18849

Ion Ratio Lower Upper

202 100

200 17.9 16.9 25.3

203 16.2 14.0 21.0

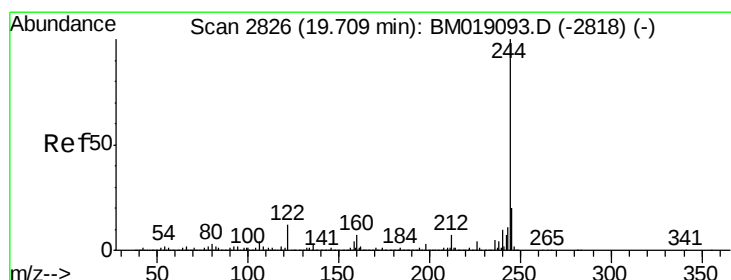
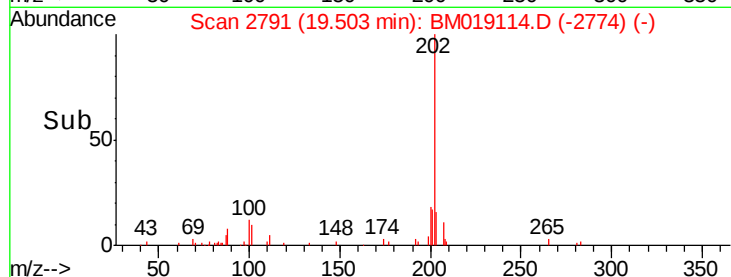
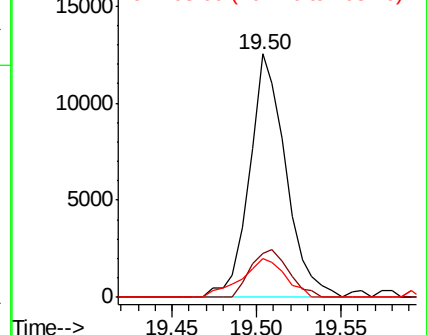


Abundance

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: 39.559 ng

RT: 19.71 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

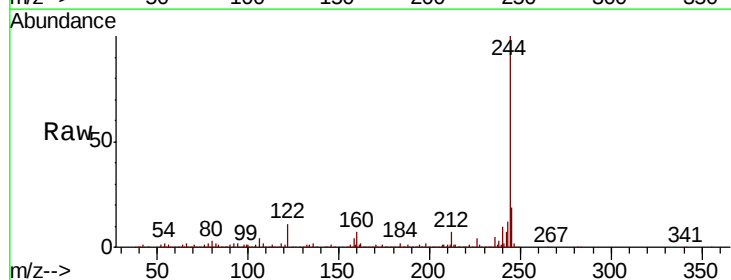
Tgt Ion:244 Resp: 2919524

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.7 9.4 14.2

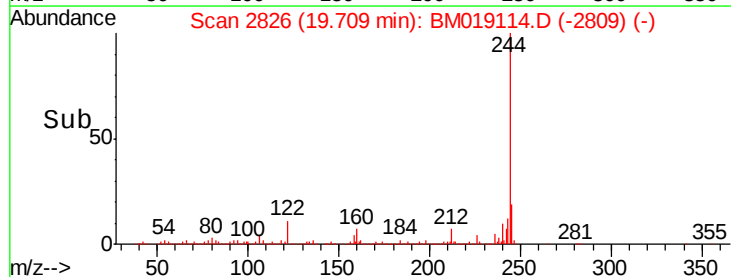
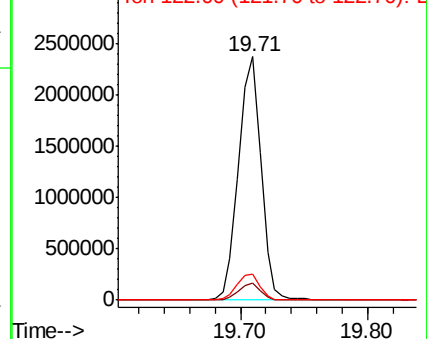


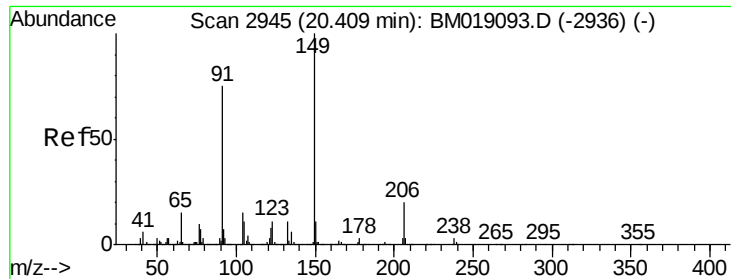
Abundance

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

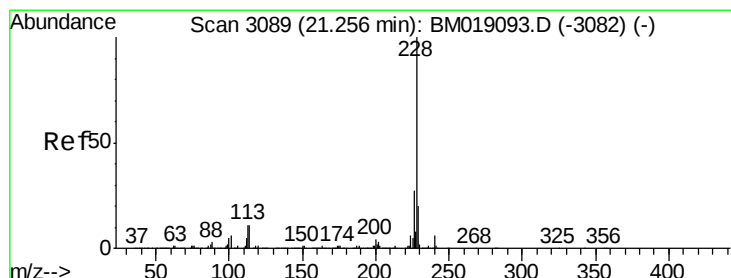
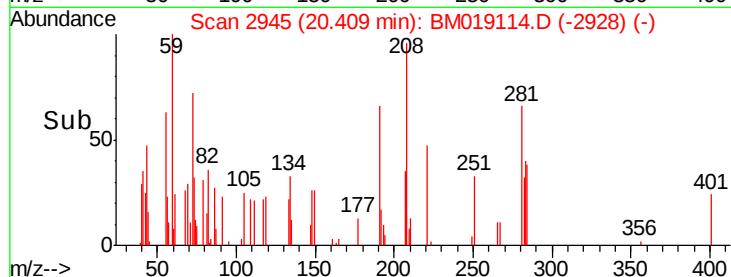
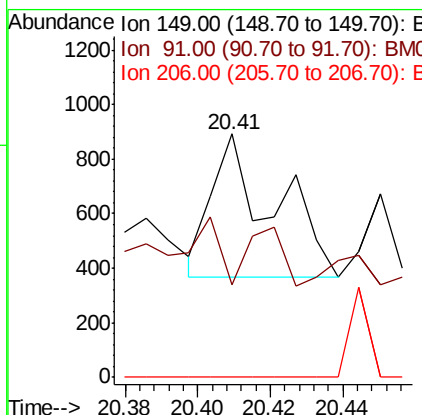
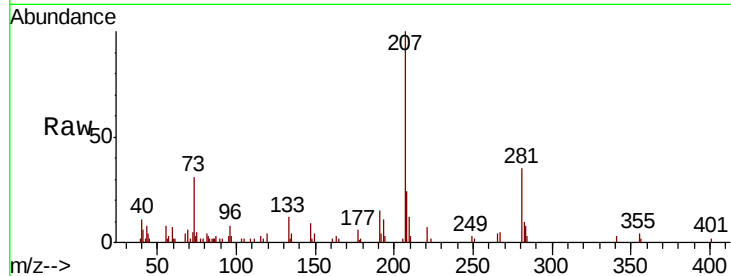




#80
 Butylbenzylphthalate
 Concen: 0.015 ng
 RT: 20.41 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: BM019114.D
 Acq: 12 Mar 2019 16:29

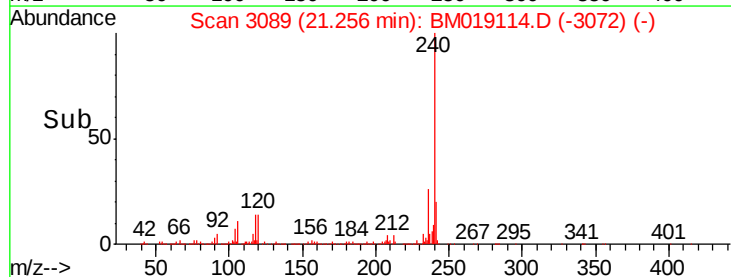
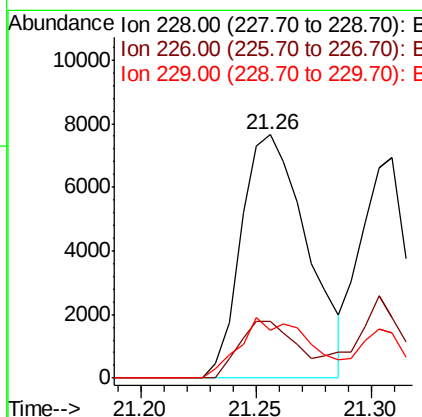
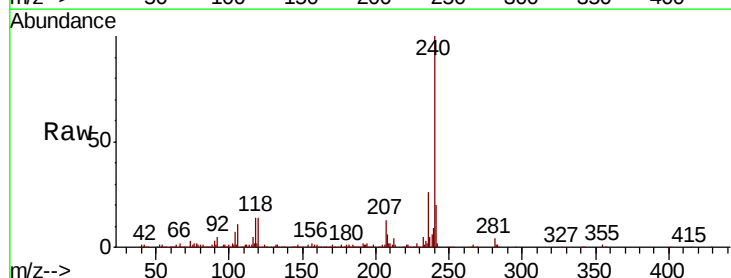
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW066-030619RE

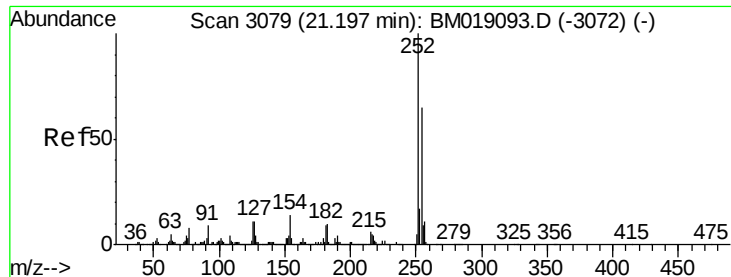
Tot Ion:149 Resp: 623
 Ion Ratio Lower Upper
 149 100
 91 37.7 60.1 90.1#
 206 0.0 16.2 24.2#



#81
 Benzo(a)anthracene
 Concen: 0.165 ng
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BM019114.D
 Acq: 12 Mar 2019 16:29

Tgt Ion:228 Resp: 15211
 Ion Ratio Lower Upper
 228 100
 226 23.3 21.8 32.8
 229 19.8 15.8 23.6

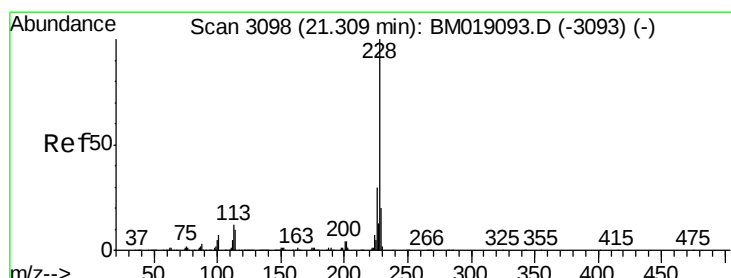
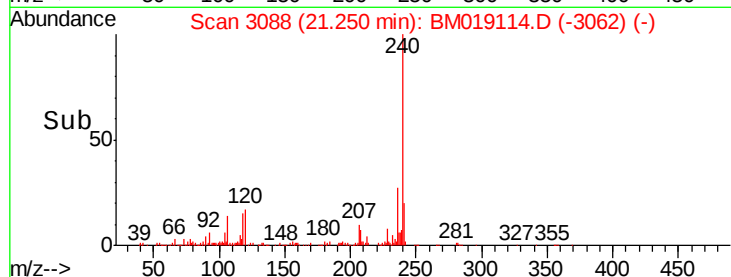
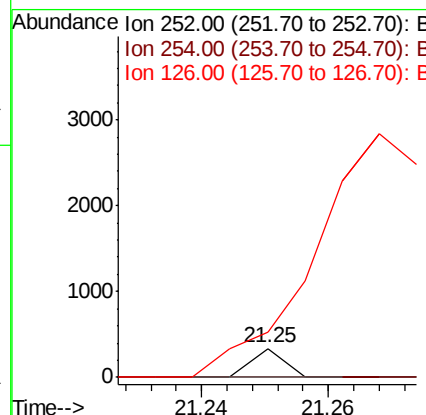
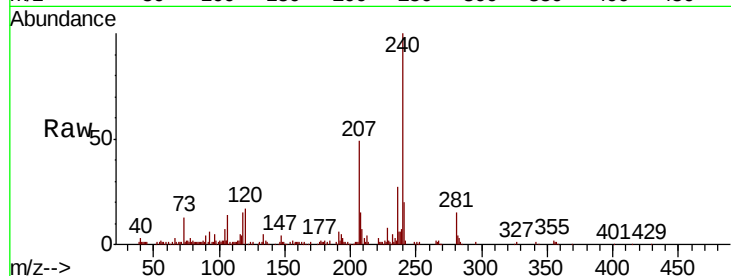




#82
 3,3'-Dichlorobenzidine
 Concen: 0.003 ng
 RT: 21.25 min Scan# 3088
 Delta R.T. 0.05 min
 Lab File: BM019114.D
 Acq: 12 Mar 2019 16:29

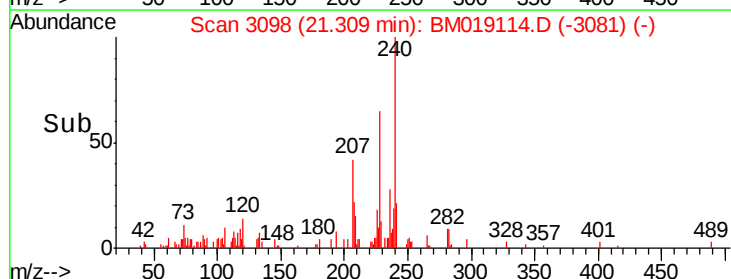
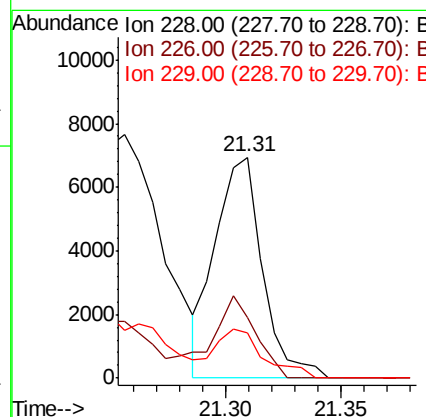
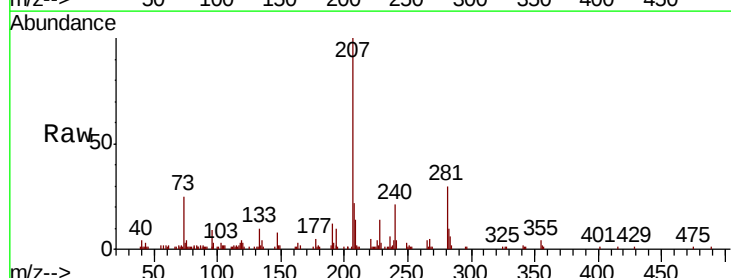
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW066-030619RE

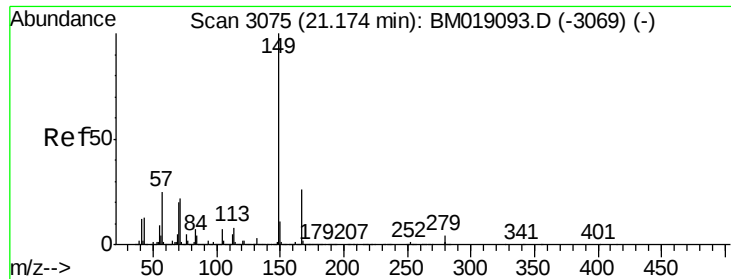
Tot Ion:252 Resp: 119
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.4 78.6#
 126 155.9 9.0 13.6#



#83
 Chrysene
 Concen: 0.112 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BM019114.D
 Acq: 12 Mar 2019 16:29

Tgt Ion:228 Resp: 9915
 Ion Ratio Lower Upper
 228 100
 226 27.5 23.8 35.8
 229 20.7 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.036 ng

RT: 21.17 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

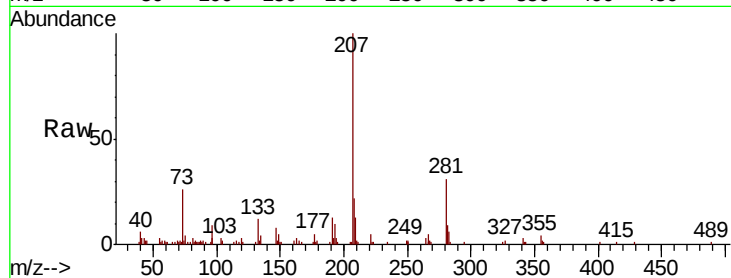
Tot Ion:149 Resp: 2122

Ion Ratio Lower Upper

149 100

167 26.7 21.1 31.7

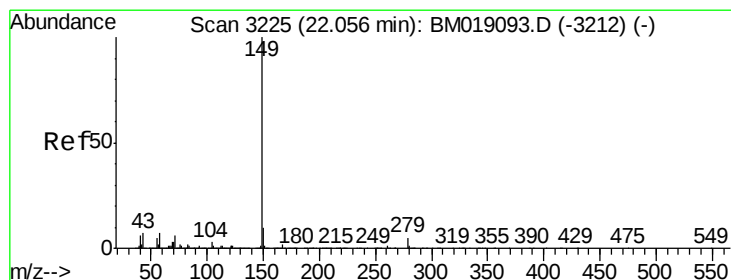
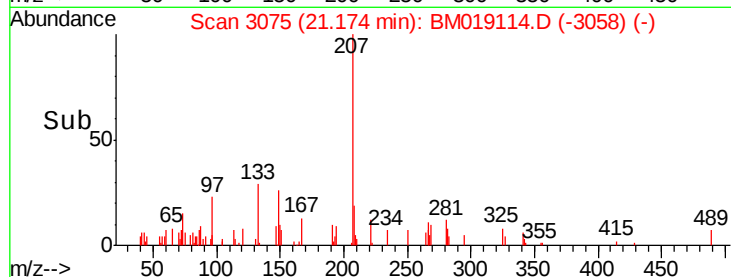
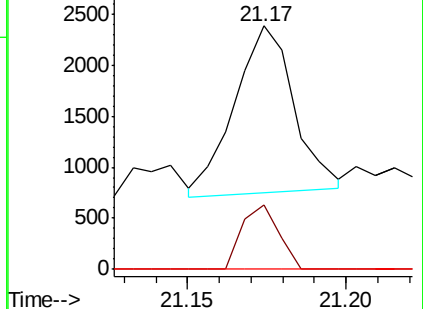
279 0.0 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.002 ng

RT: 22.04 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

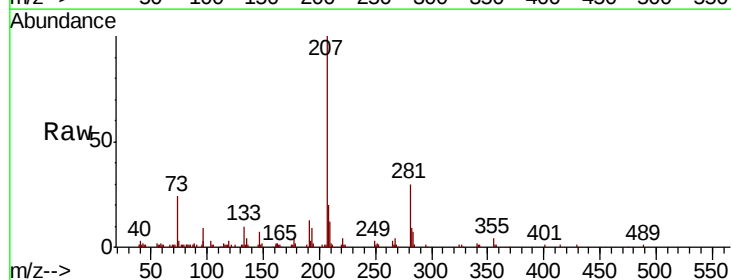
Tgt Ion:149 Resp: 203

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

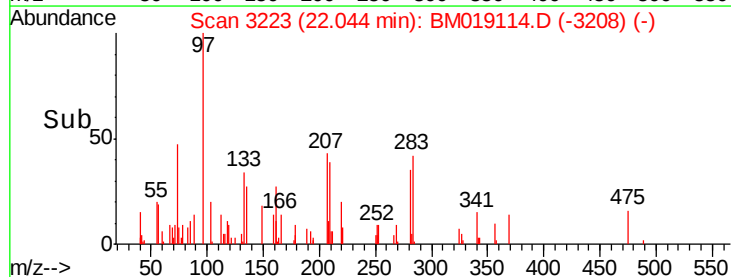
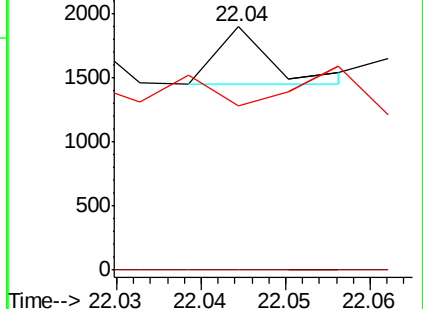
43 69.0 6.1 9.1#

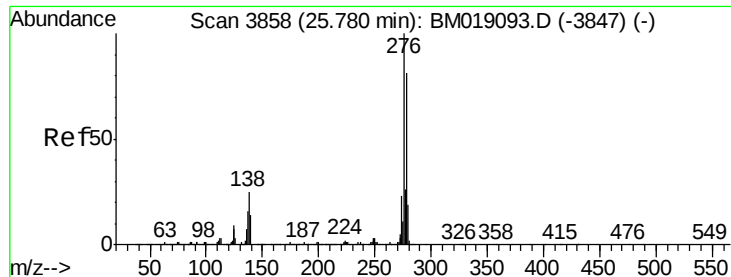


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.046 ng

RT: 25.79 min Scan# 3860

Delta R.T. 0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

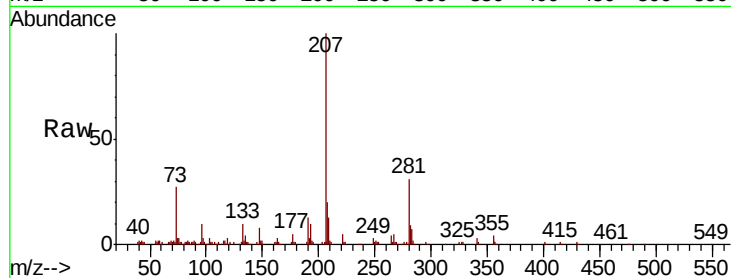
Tot Ion:276 Resp: 4426

Ion Ratio Lower Upper

276 100

138 21.4 19.8 29.8

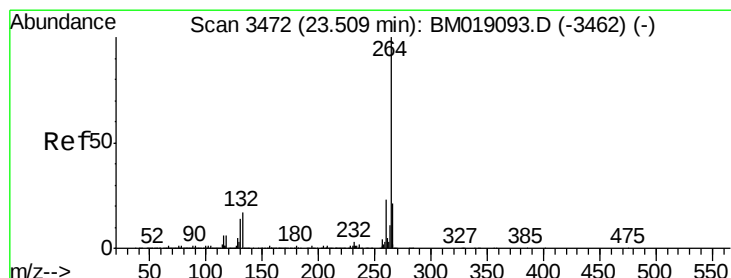
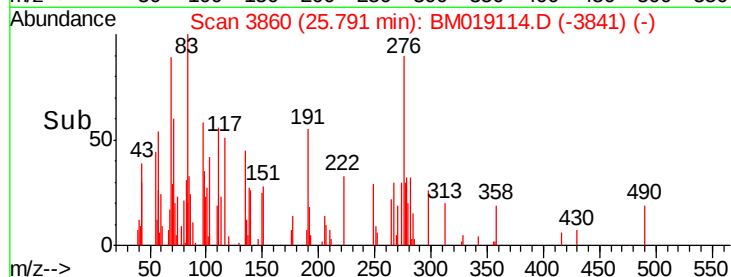
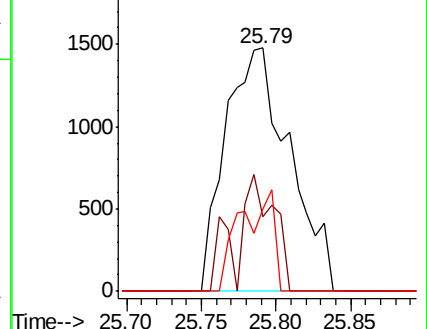
277 13.0 20.3 30.5#



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: 23.51 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

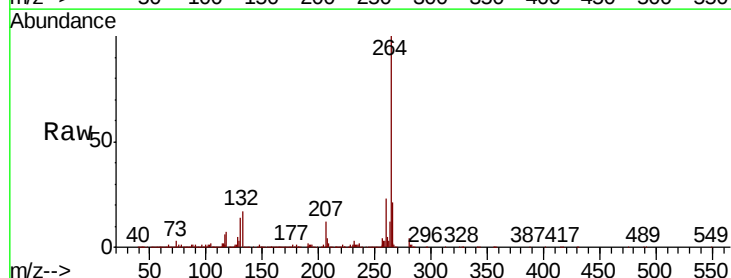
Tgt Ion:264 Resp: 1504830

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

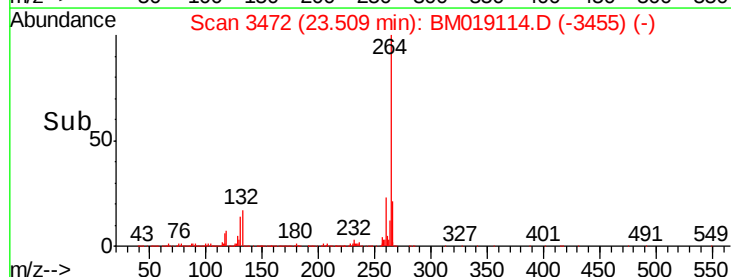
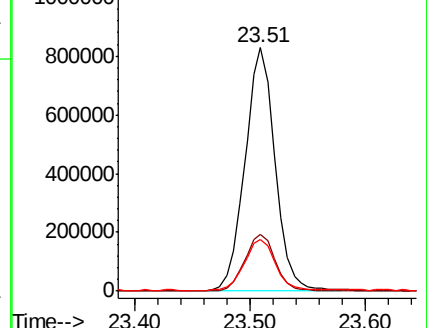
265 21.2 17.3 25.9

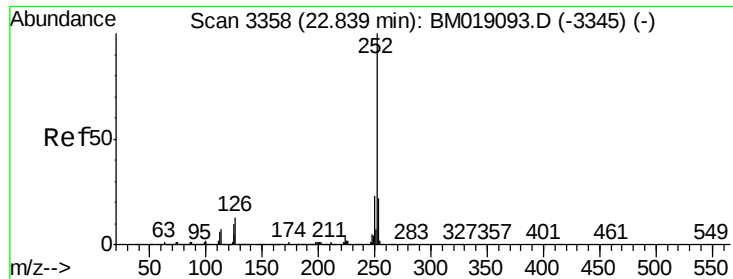


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.106 ng

RT: 22.84 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

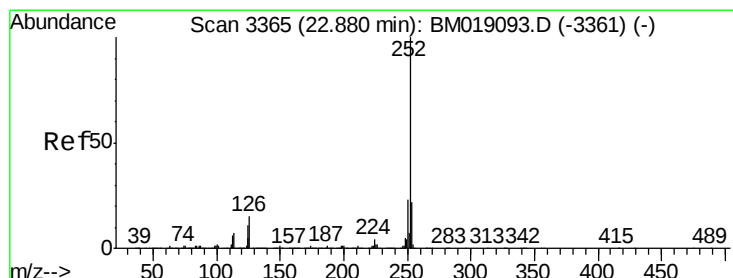
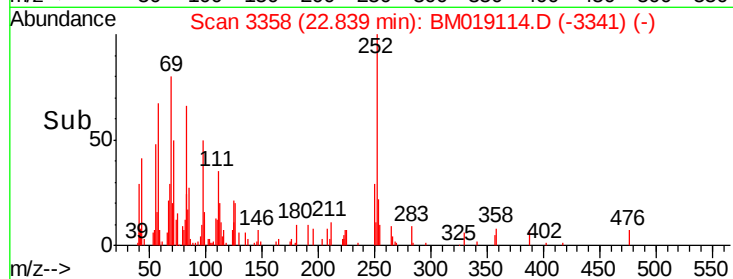
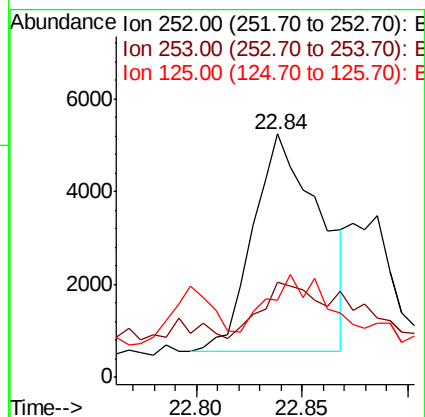
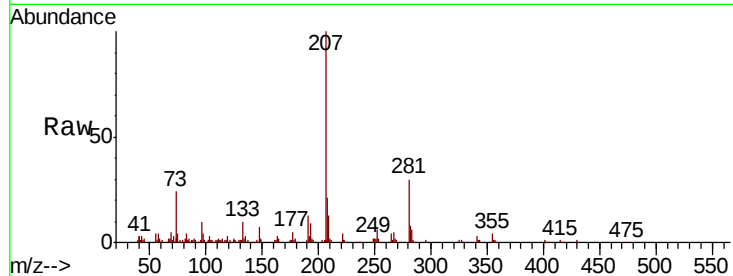
Tot Ion:252 Resp: 10355

Ion Ratio Lower Upper

252 100

253 39.2 17.6 26.4#

125 31.7 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 0.115 ng

RT: 22.84 min Scan# 3358

Delta R.T. -0.04 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

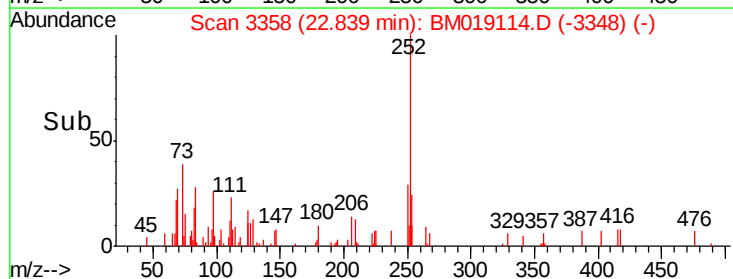
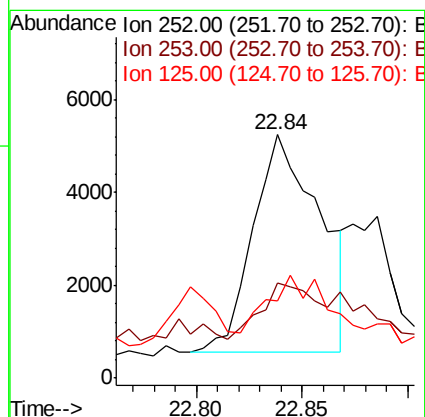
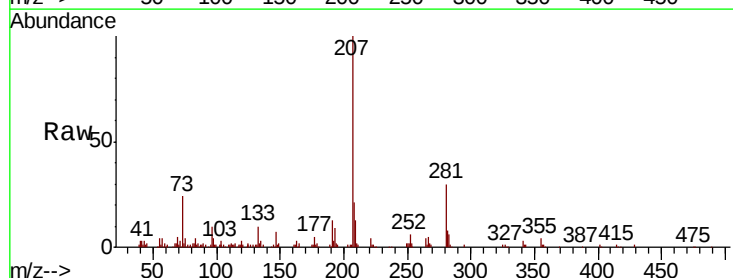
Tgt Ion:252 Resp: 10355

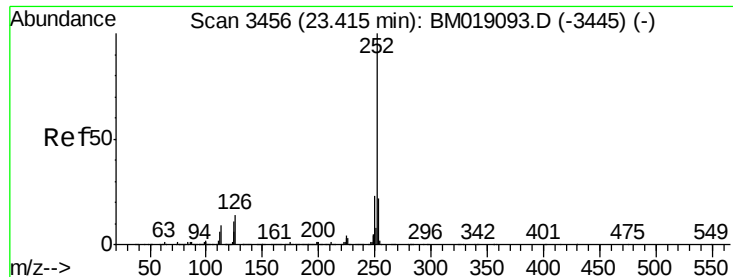
Ion Ratio Lower Upper

252 100

253 39.2 17.6 26.4#

125 31.7 8.8 13.2#





#90

Benzo(a)pyrene

Concen: 0.094 ng

RT: 23.41 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

Instrument :

BNA_M

ClientSampleId :

PST-028-SW066-030619RE

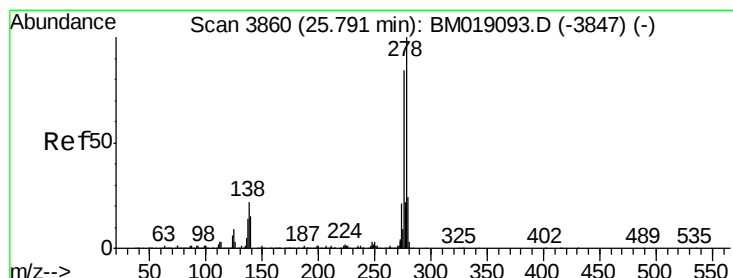
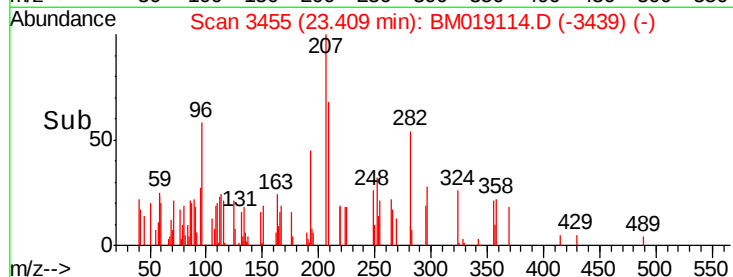
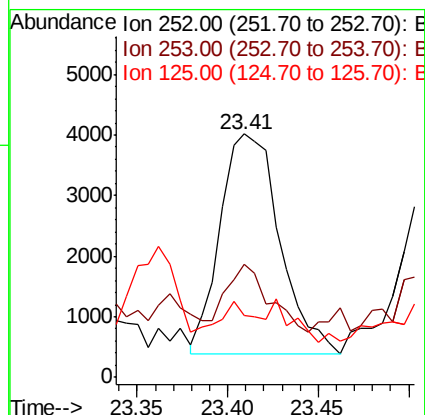
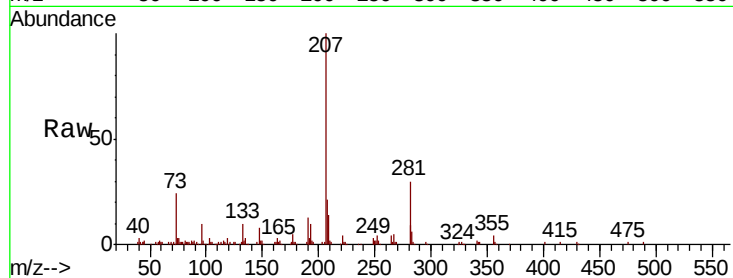
Tot Ion:252 Resp: 8273

Ion Ratio Lower Upper

252 100

253 46.2 17.4 26.2#

125 25.2 9.2 13.8#



#91

Dibenzo(a,h)anthracene

Concen: 0.013 ng

RT: 25.79 min Scan# 3860

Delta R.T. -0.00 min

Lab File: BM019114.D

Acq: 12 Mar 2019 16:29

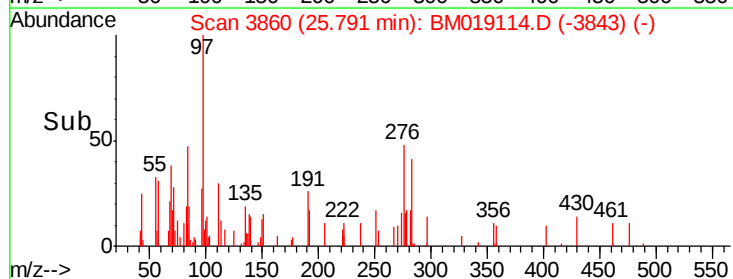
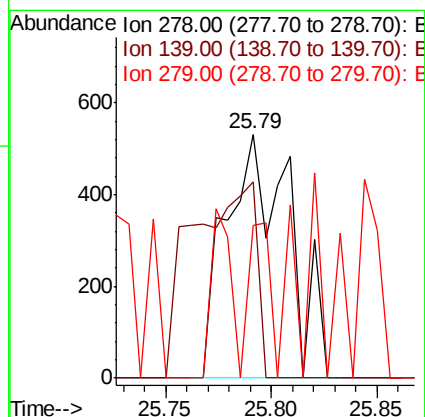
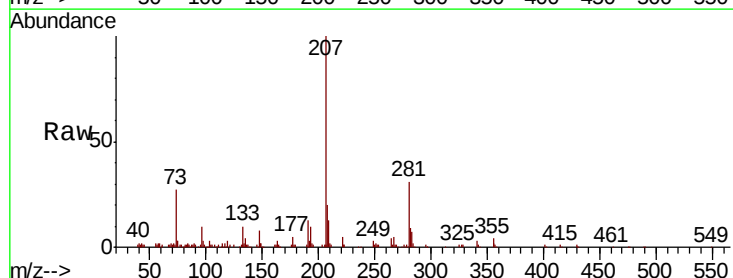
Tgt Ion:278 Resp: 1102

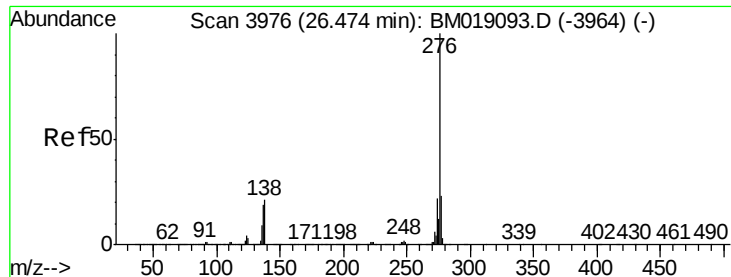
Ion Ratio Lower Upper

278 100

139 80.8 12.3 18.5#

279 62.5 18.9 28.3#





#92
 Benzo(a,h,i)perylene
 Concen: 0.060 ng
 RT: 26.48 min Scan# 3977
 Delta R.T. 0.01 min
 Lab File: BM019114.D
 Acq: 12 Mar 2019 16:29

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW066-030619RE

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.8	28.2
138	35.7	17.0	25.4

