

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019112.D
 Acq On : 12 Mar 2019 15:16
 Operator : JU/SJ
 Sample : K1817-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW011-030619

Quant Time: Mar 13 03:52:56 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	195375	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	803557	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	519632	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1246221	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1356386	20.00	ng	0.00
87) Perylene-d12	23.51	264	1379843	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1126866	93.41	ng	0.00
7) Phenol-d6	6.84	99	1643521	93.14	ng	0.00
23) Nitrobenzene-d5	8.83	82	976293	57.43	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	712650	92.89	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2043499	51.15	ng	0.00
79) Terphenyl-d14	19.71	244	3673056	53.76	ng	0.00

Target Compounds

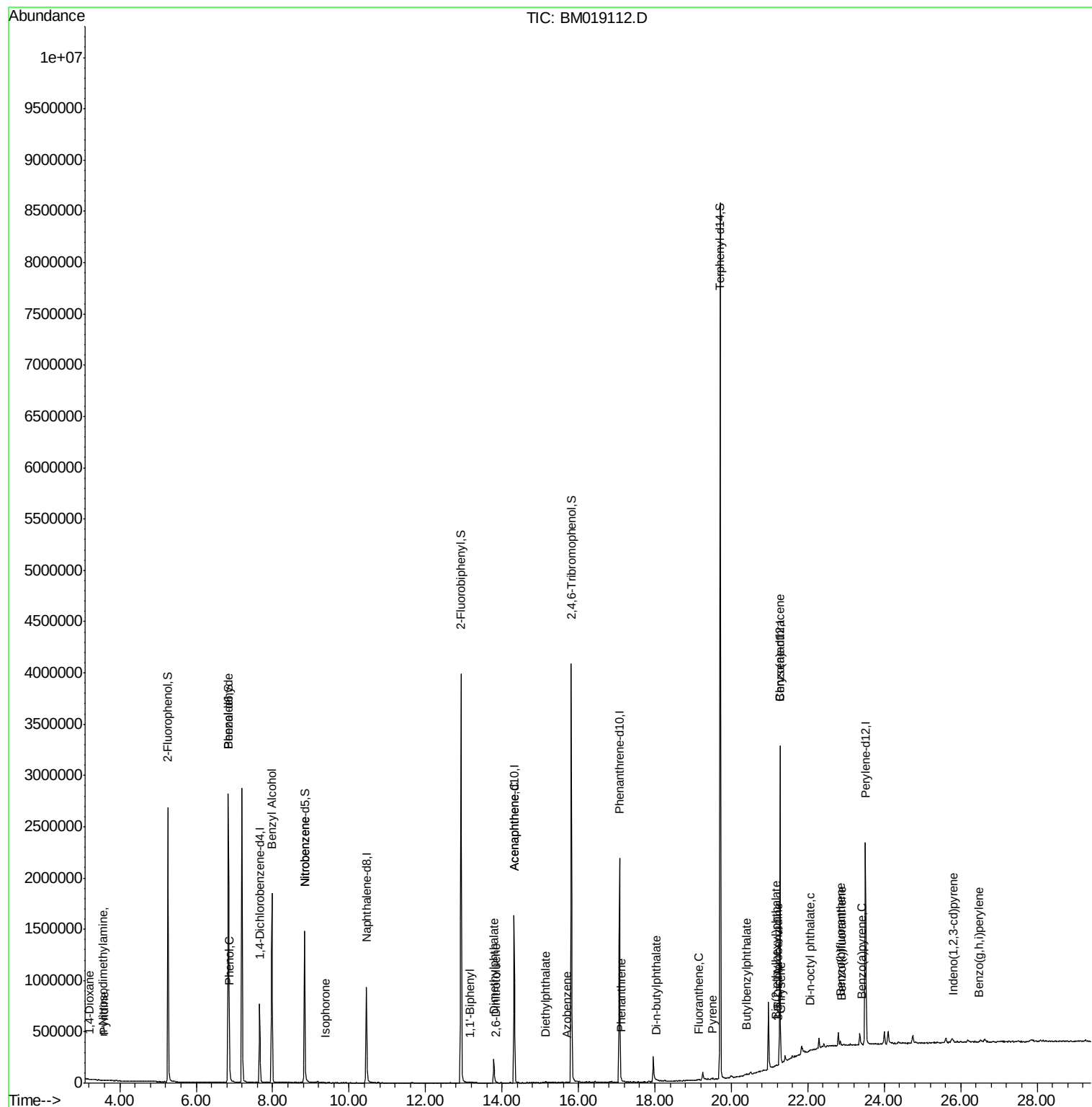
						Qvalue
2) 1,4-Dioxane	3.20	88	423	0.079	ng	# 1
3) Pyridine	3.60	79	107	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	217	0.048	ng	# 1
9) Benzaldehyde	6.84	77	4589	0.413	ng	# 6
10) Phenol	6.87	94	89124	4.686	ng	# 94
15) Benzyl Alcohol	7.97	79	15758	1.079	ng	# 52
24) Nitrobenzene	8.83	77	3466	0.196	ng	# 44
25) Isophorone	9.38	82	386	0.012	ng	# 68
46) 1,1'-Biphenyl	13.15	154	2439	0.054	ng	# 90
50) Dimethylphthalate	13.79	163	176389	3.968	ng	# 99
51) 2,6-Dinitrotoluene	13.83	165	219	0.023	ng	# 20
52) Acenaphthene	14.32	154	1772	0.054	ng	# 5
60) Diethylphthalate	15.15	149	1269	0.028	ng	# 64
63) Azobenzene	15.69	77	255	0.005	ng	# 56
71) Phenanthrene	17.12	178	3537	0.048	ng	# 76
74) Di-n-butylphthalate	18.04	149	4697	0.058	ng	# 79
75) Fluoranthene	19.14	202	4130	0.049	ng	# 96
78) Pyrene	19.52	202	4491	0.052	ng	# 90
80) Butylbenzylphthalate	20.41	149	2016	0.054	ng	# 73
81) Benzo(a)anthracene	21.26	228	6123	0.072	ng	# 79
82) 3,3'-Dichlorobenzidine	21.22	252	122	0.004	ng	# 25
83) Chrysene	21.31	228	2229	0.027	ng	# 94
84) Bis(2-ethylhexyl)phthalate	21.17	149	3472	0.064	ng	# 94
85) Di-n-octyl phthalate	22.06	149	233	0.003	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.80	276	718	0.008	ng	# 50
88) Benzo(b)fluoranthene	22.84	252	2794	0.031	ng	# 1
89) Benzo(k)fluoranthene	22.89	252	1789	0.022	ng	# 17
90) Benzo(a)pyrene	23.41	252	2509	0.031	ng	# 1
92) Benzo(g,h,i)perylene	26.47	276	126	0.002	ng	# 53

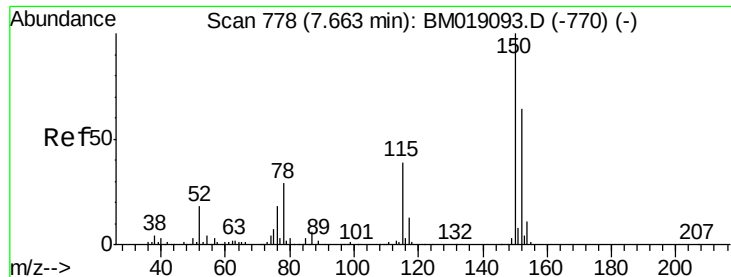
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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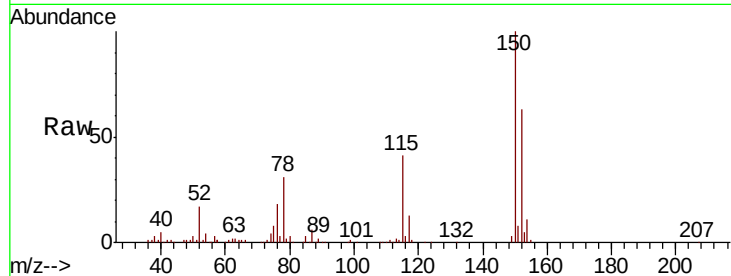


#1

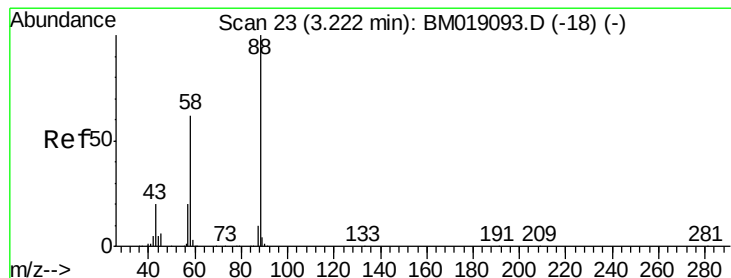
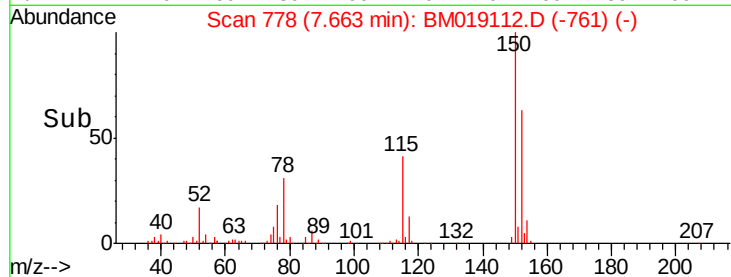
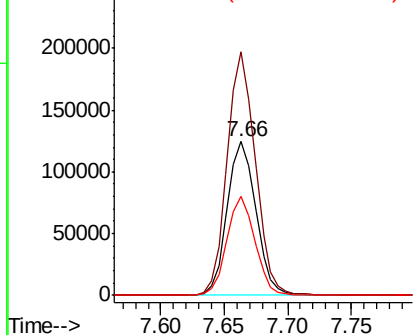
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tot Ion:152 Resp: 195375
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 64.6 49.4 74.0



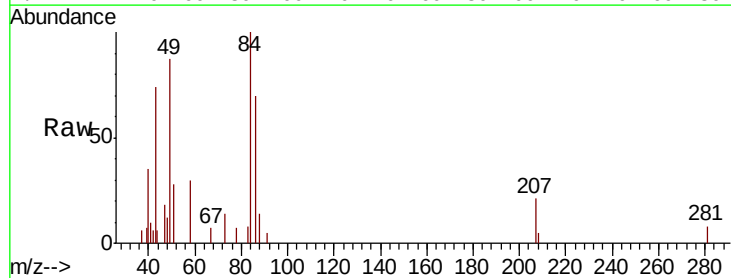
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



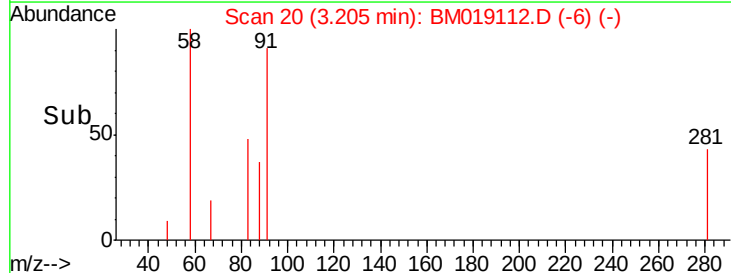
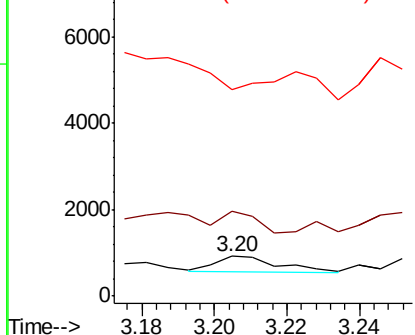
#2

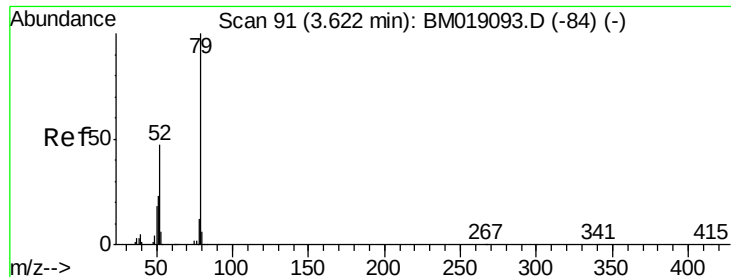
1,4-Dioxane
Concen: 0.079 ng
RT: 3.20 min Scan# 20
Delta R.T. -0.02 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Tgt Ion: 88 Resp: 423
Ion Ratio Lower Upper
88 100
58 0.0 50.0 75.0#
43 127.7 17.0 25.4#



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





#3

Pvridine

Concen: 0.007 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

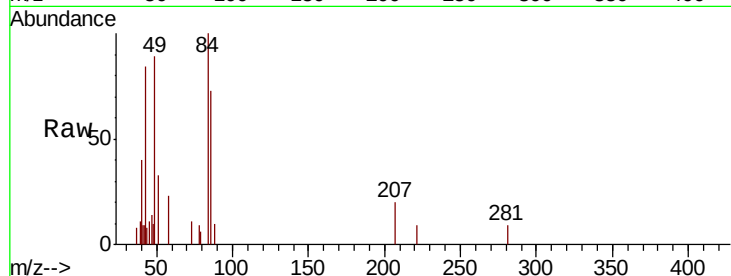
Tot Ion: 79 Resp: 107

Ion Ratio Lower Upper

79 100

52 0.0 37.5 56.3#

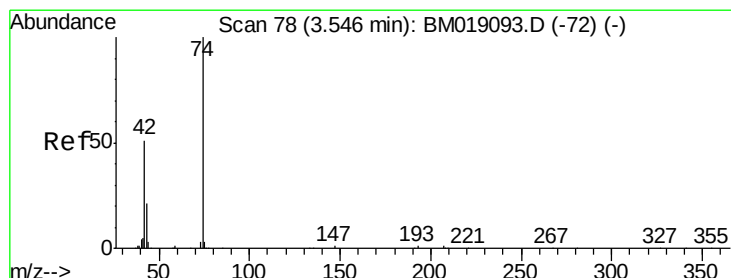
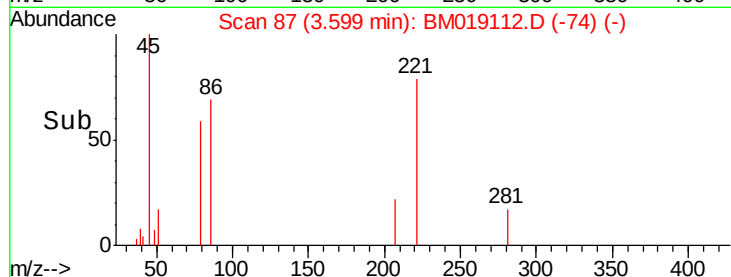
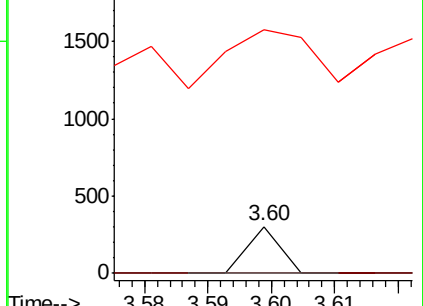
51 518.1 19.2 28.8#



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: 0.048 ng

RT: 3.56 min Scan# 80

Delta R.T. 0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

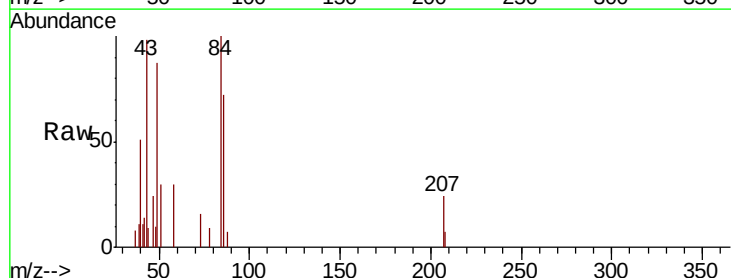
Tgt Ion: 42 Resp: 217

Ion Ratio Lower Upper

42 100

74 0.0 156.3 234.5#

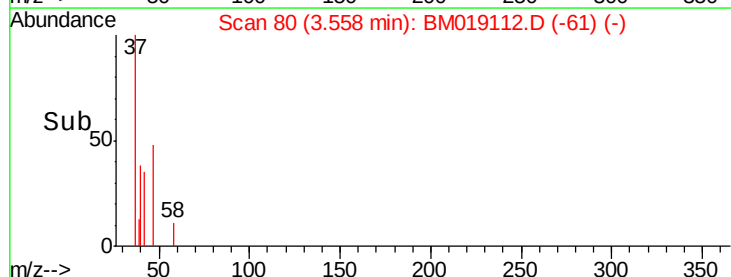
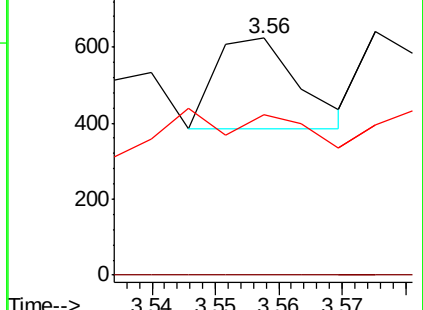
44 67.7 4.6 7.0#

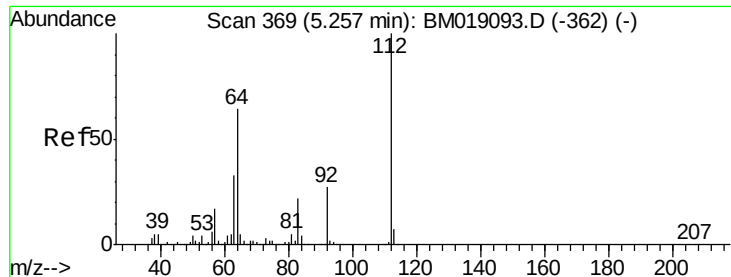


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

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: 93.407 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

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PST-028-SW011-030619

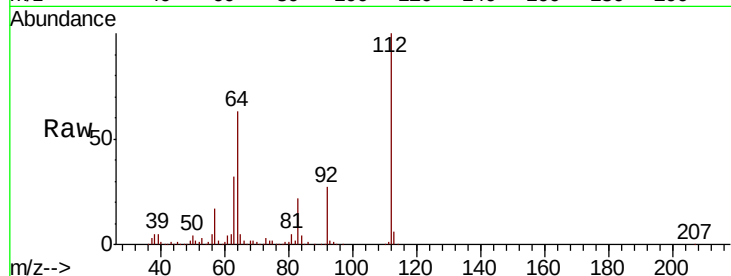
Tot Ion:112 Resp: 1126866

Ion Ratio Lower Upper

112 100

64 62.7 51.4 77.0

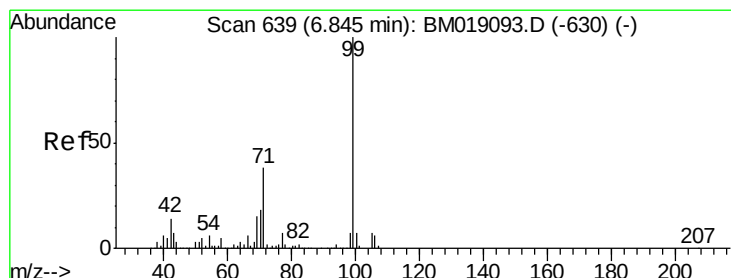
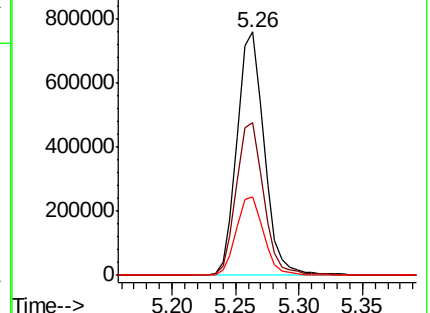
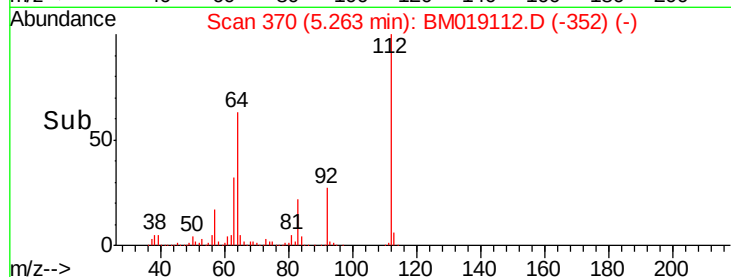
63 32.3 26.6 40.0



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: 93.137 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

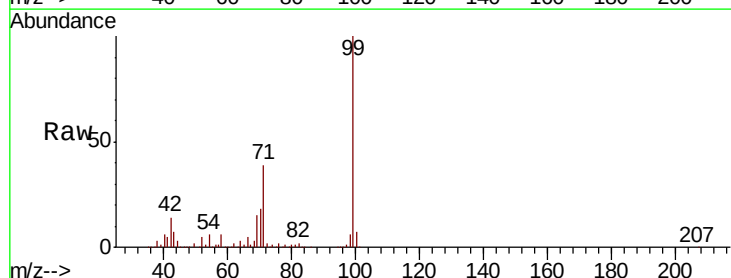
Tgt Ion: 99 Resp: 1643521

Ion Ratio Lower Upper

99 100

42 14.4 10.9 16.3

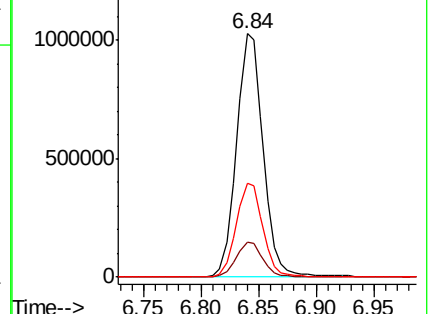
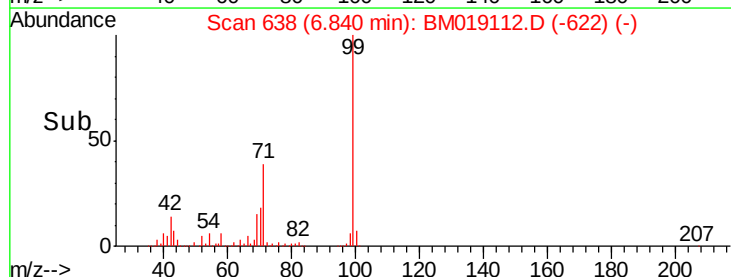
71 38.6 30.3 45.5

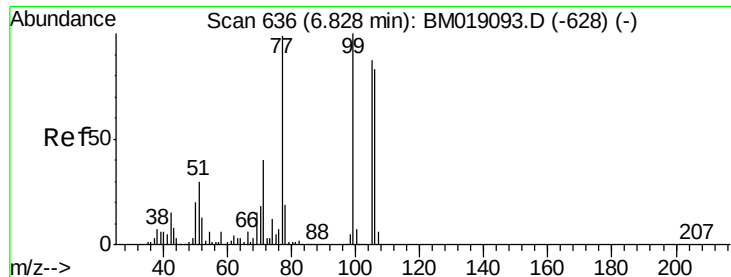


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 0.413 ng

RT: 6.84 min Scan# 638

Delta R.T. 0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

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ClientSampleId :

PST-028-SW011-030619

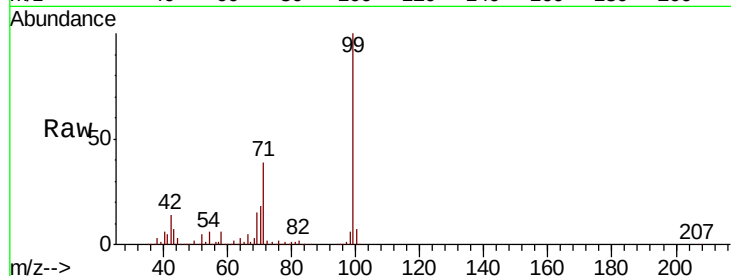
Tot Ion: 77 Resp: 4589

Ion Ratio Lower Upper

77 100

105 0.0 67.7 107.7#

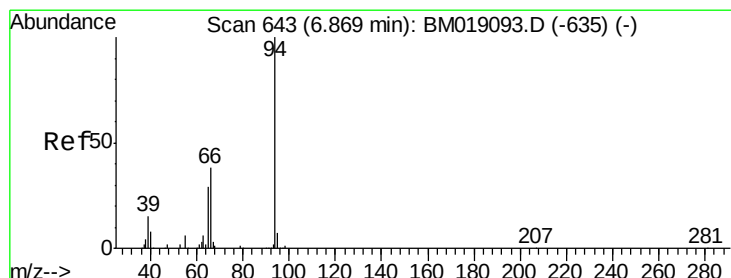
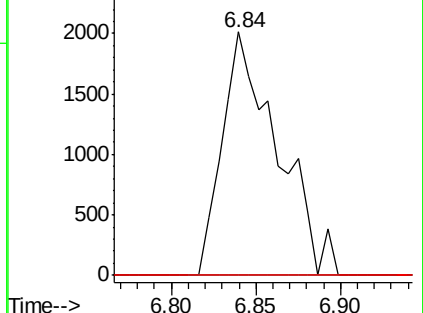
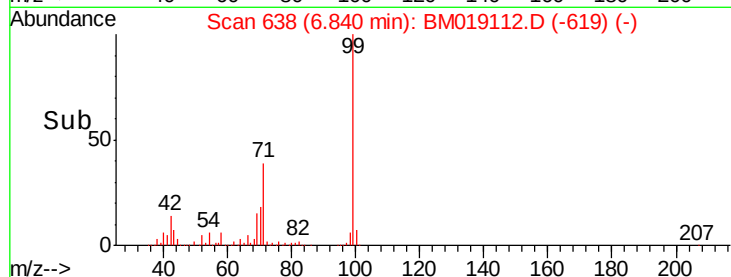
106 0.0 64.1 104.1#



Abundance Ion 77.00 (76.70 to 77.70): BM019112.D (-619) (-)

Ion 105.00 (104.70 to 105.70): BM019112.D (-619) (-)

Ion 106.00 (105.70 to 106.70): BM019112.D (-619) (-)



#10

Phenol

Concen: 4.686 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

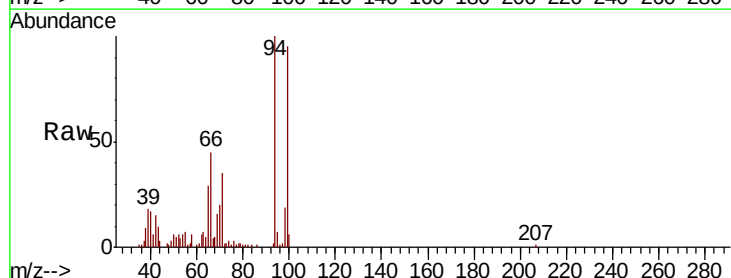
Tgt Ion: 94 Resp: 89124

Ion Ratio Lower Upper

94 100

65 29.0 9.7 49.7

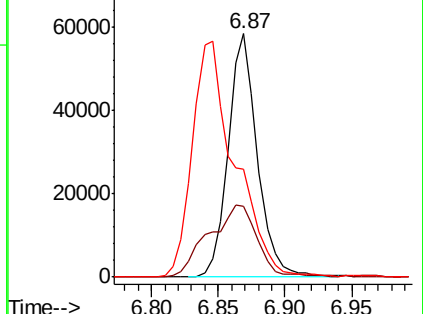
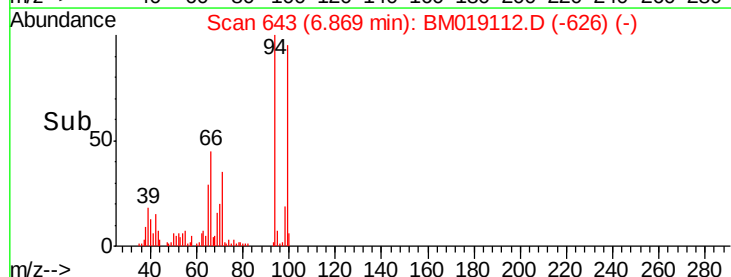
66 44.6 19.2 59.2

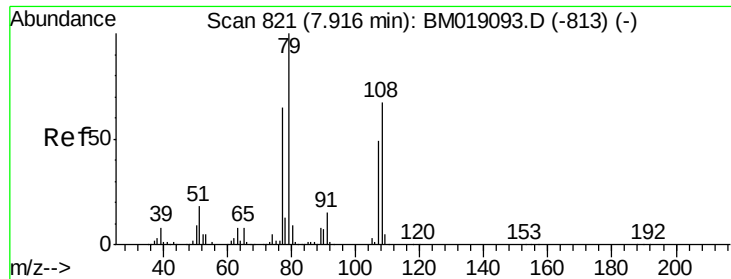


Abundance Ion 94.00 (93.70 to 94.70): BM019112.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM019112.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM019112.D (-626) (-)





#15

Benzyl Alcohol

Concen: 1.079 ng

RT: 7.97 min Scan# 831

Delta R.T. 0.06 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

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BNA_M

ClientSampleId :

PST-028-SW011-030619

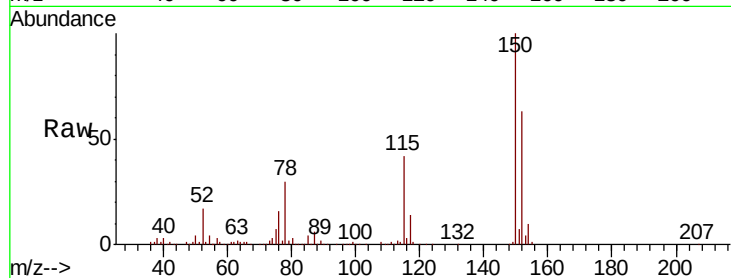
Tot Ion: 79 Resp: 15758

Ion Ratio Lower Upper

79 100

108 25.7 53.7 80.5#

77 99.9 51.8 77.8#

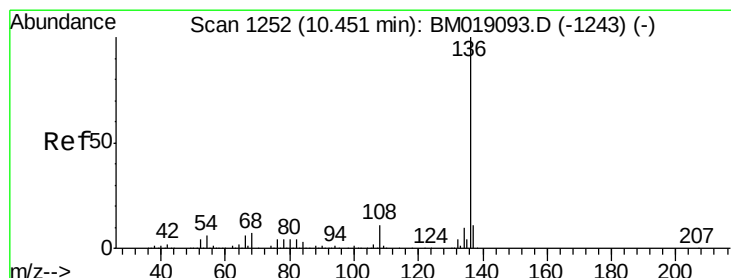
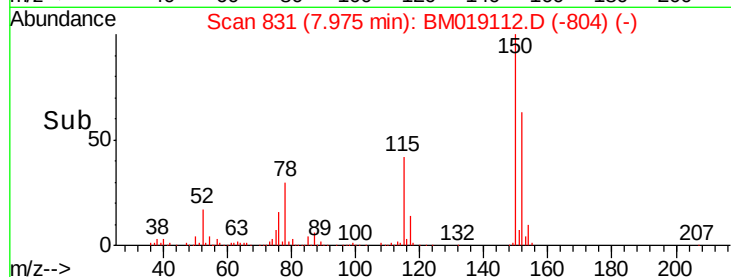
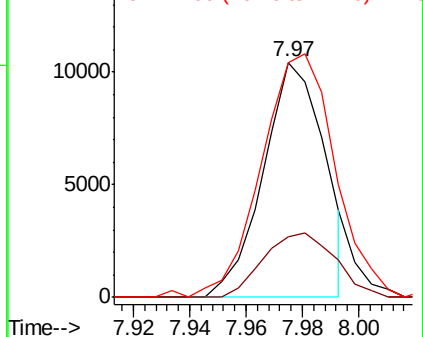


Abundance

Ion 79.00 (78.70 to 79.70): BM019112.D (-804) (-)

Ion 108.00 (107.70 to 108.70): BM019112.D (-804) (-)

Ion 77.00 (76.70 to 77.70): BM019112.D (-804) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Tgt Ion: 136 Resp: 803557

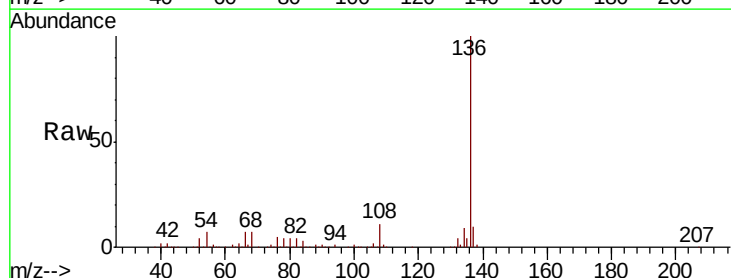
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.9 5.2 7.8

68 7.2 5.8 8.8



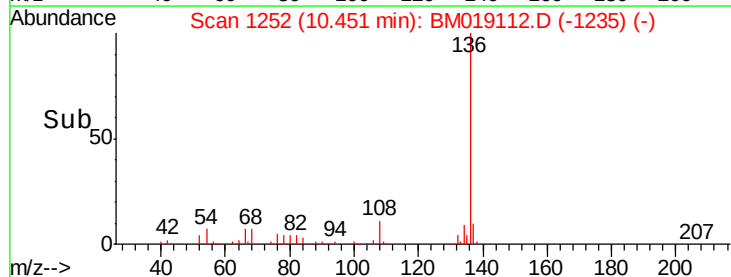
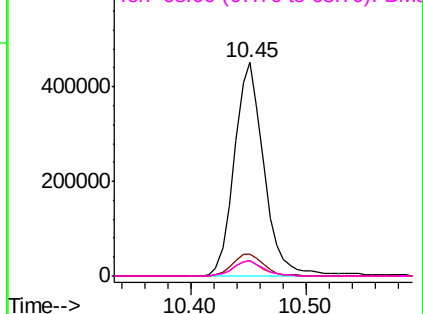
Abundance

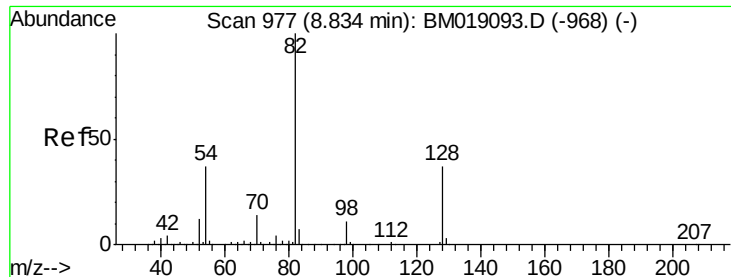
Ion 136.00 (135.70 to 136.70): BM019112.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019112.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019112.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019112.D (-1235) (-)

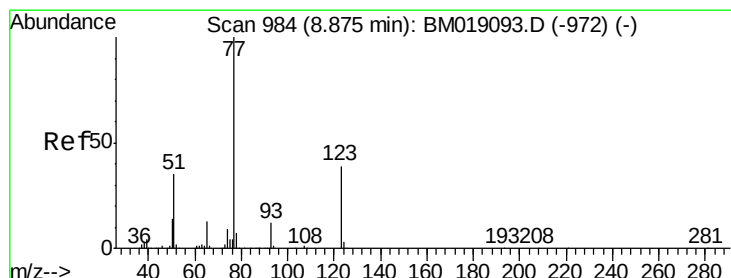
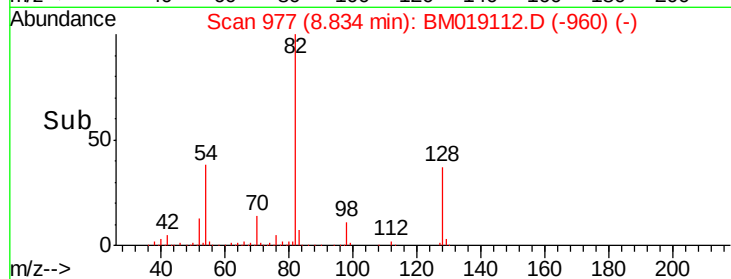
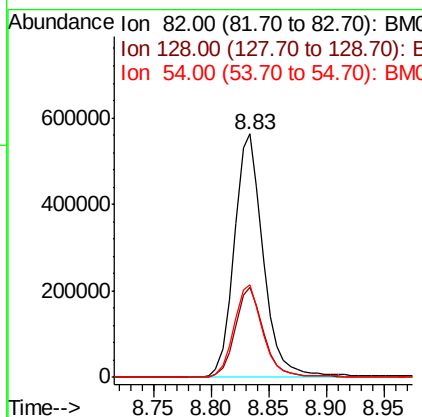
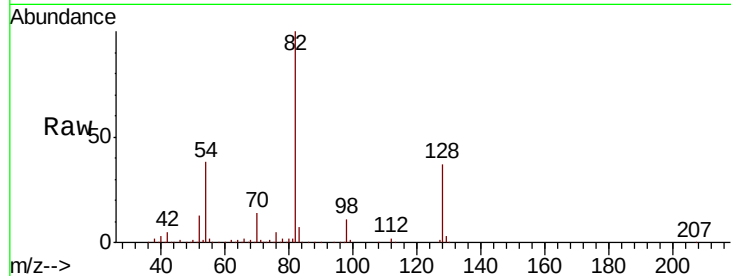




#23
Nitrobenzene-d5
Concen: 57.432 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

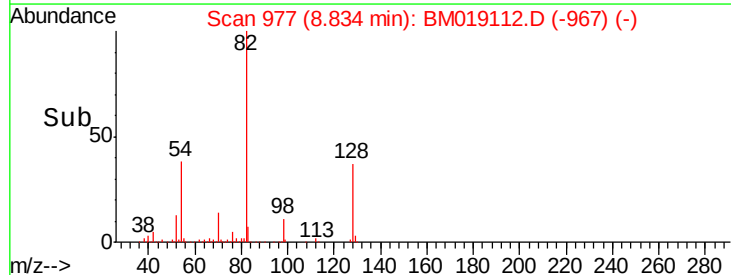
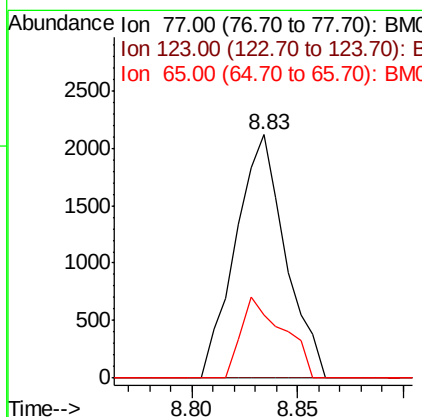
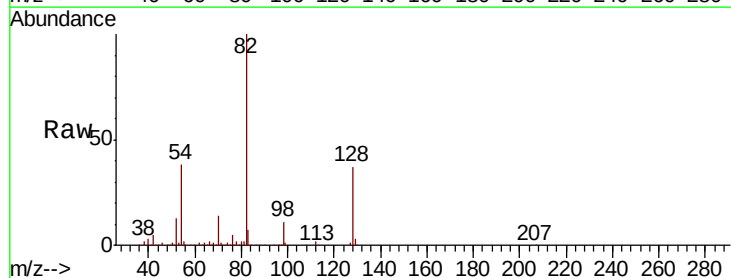
Instrument :
BNA_M
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PST-028-SW011-030619

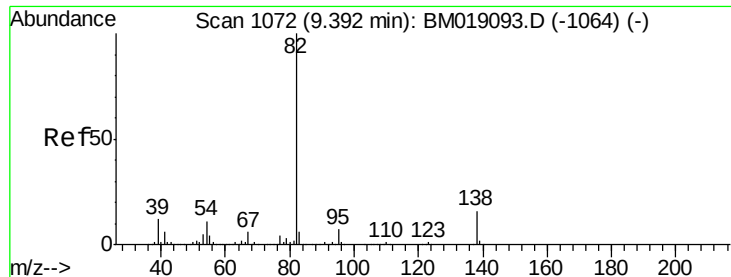
Tot Ion	82	Resp	976293
Ion Ratio	100	Lower	Upper
128	36.9	29.4	44.2
54	37.9	29.9	44.9



#24
Nitrobenzene
Concen: 0.196 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Tgt Ion	77	Resp	3466
Ion Ratio	100	Lower	Upper
123	0.0	31.3	46.9#
65	26.0	10.5	15.7#





#25

Isophorone

Concen: 0.012 ng

RT: 9.38 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

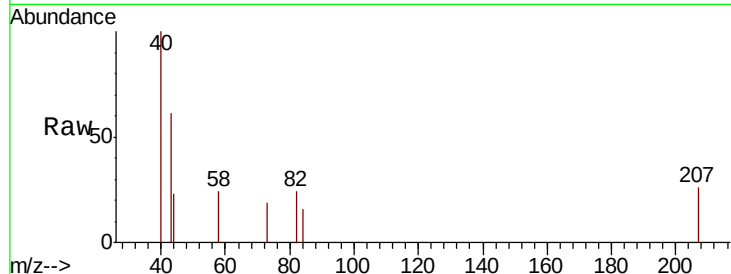
Tot Ion: 82 Resp: 386

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

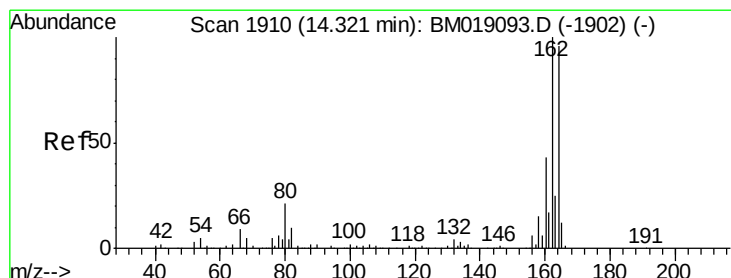
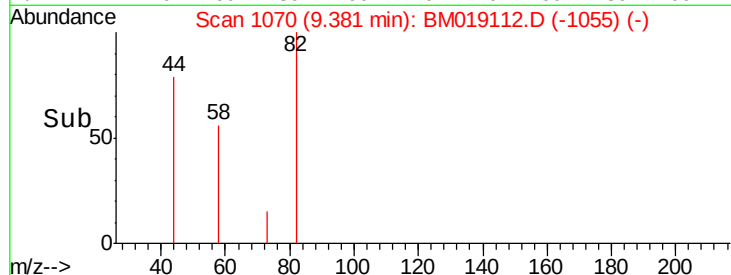
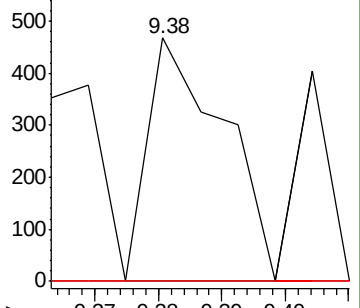
138 0.0 12.6 18.8#



Abundance Ion 82.00 (81.70 to 82.70): BM019112.D (-1055) (-)

Ion 95.00 (94.70 to 95.70): BM019112.D (-1055) (-)

Ion 138.00 (137.70 to 138.70): BM019112.D (-1055) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

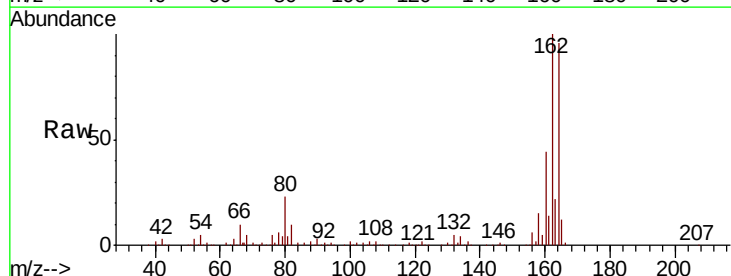
Tgt Ion: 164 Resp: 519632

Ion Ratio Lower Upper

164 100

162 104.6 83.5 125.3

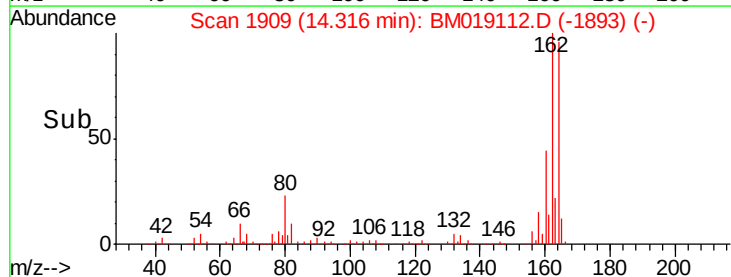
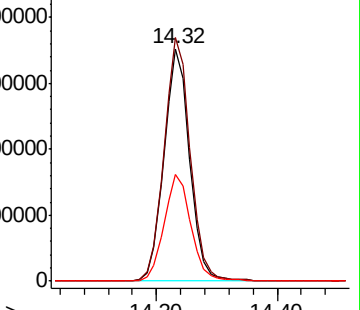
160 45.6 36.3 54.5

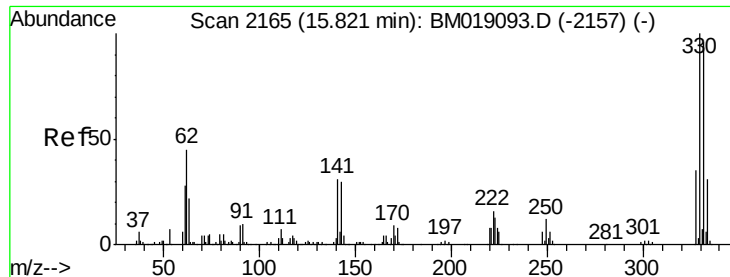


Abundance Ion 164.00 (163.70 to 164.70): BM019112.D (-1893) (-)

Ion 162.00 (161.70 to 162.70): BM019112.D (-1893) (-)

Ion 160.00 (159.70 to 160.70): BM019112.D (-1893) (-)

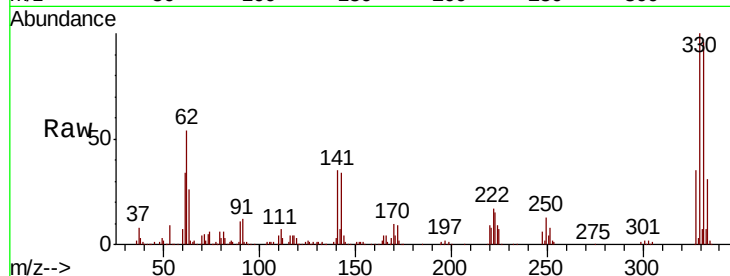




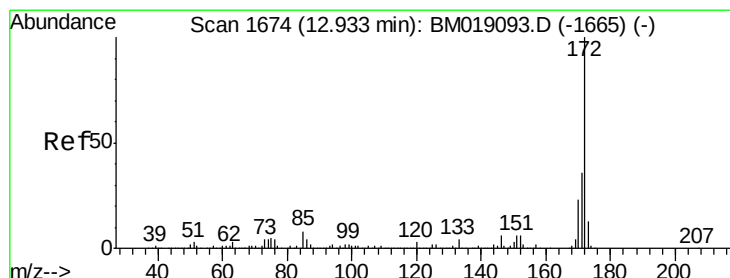
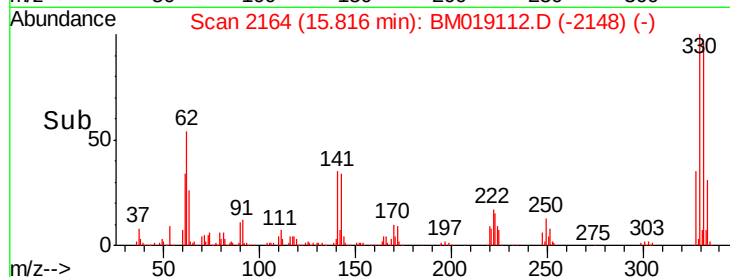
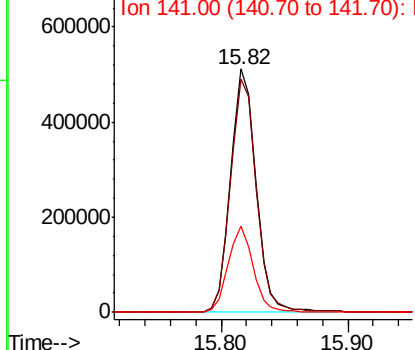
#42
 2,4,6-Tribromophenol
 Concen: 92.888 ng
 RT: 15.82 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM019112.D
 Acq: 12 Mar 2019 15:16

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW011-030619

Tot Ion:330 Resp: 712650
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.8 115.2
 141 35.0 27.0 40.4

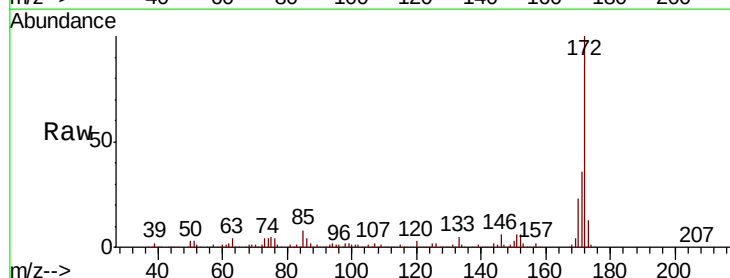


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

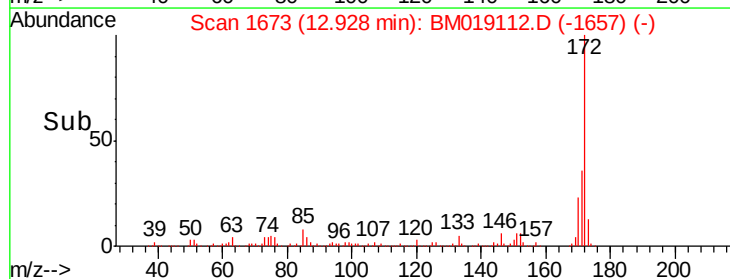
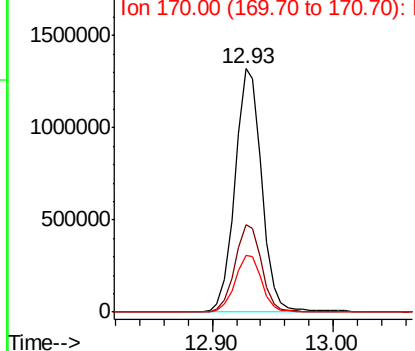


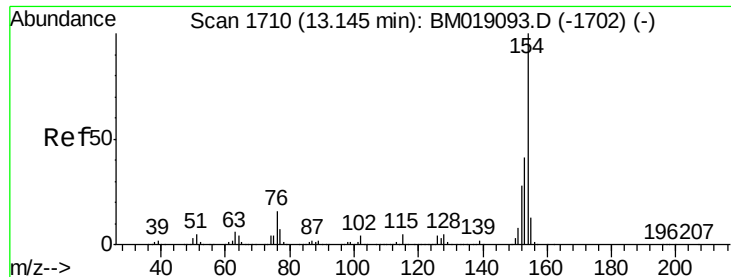
#45
 2-Fluorobiphenyl
 Concen: 51.154 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM019112.D
 Acq: 12 Mar 2019 15:16

Tgt Ion:172 Resp: 2043499
 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: 0.054 ng

RT: 13.15 min Scan# 1711

Delta R.T. 0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

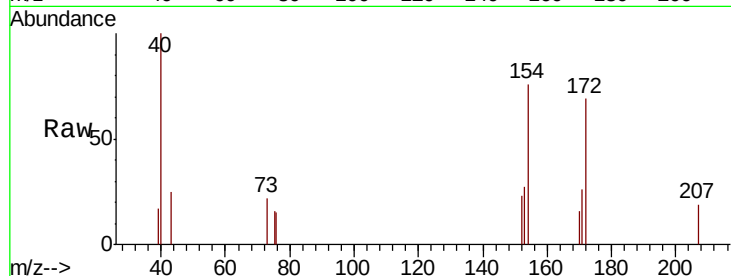
Tot Ion:154 Resp: 2439

Ion Ratio Lower Upper

154 100

153 35.1 21.5 61.5

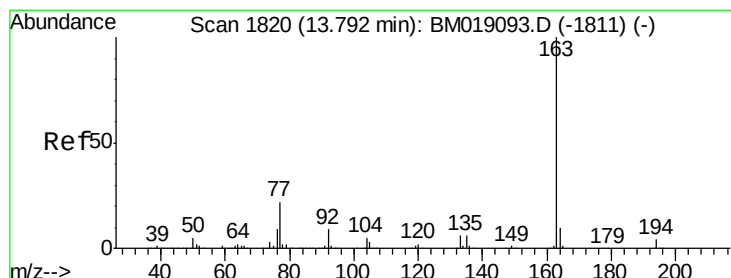
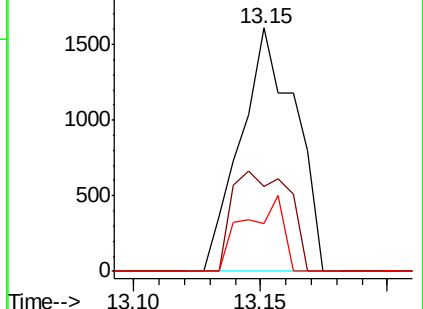
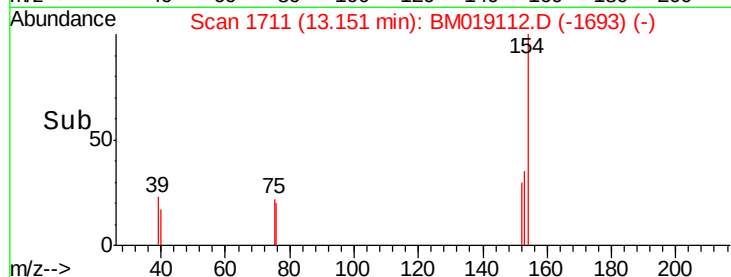
76 19.8 0.0 35.8



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



#50

Dimethylphthalate

Concen: 3.968 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

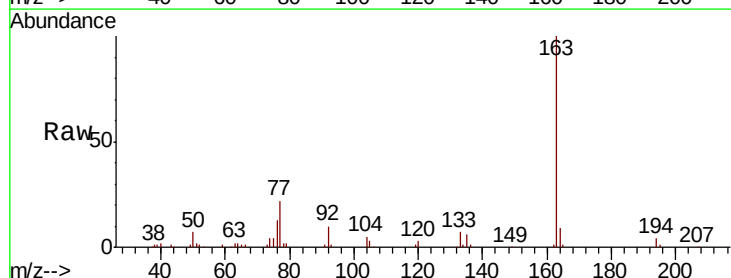
Tgt Ion:163 Resp: 176389

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

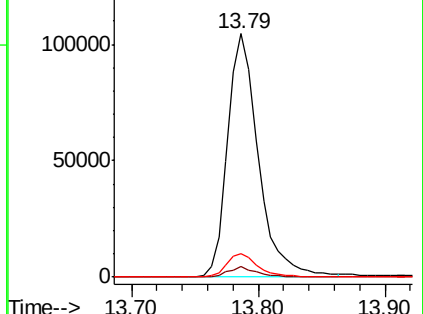
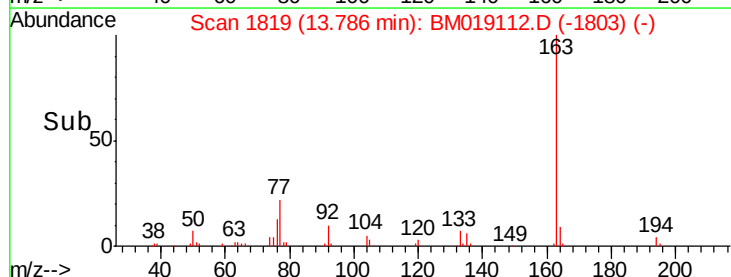
164 9.4 7.7 11.5

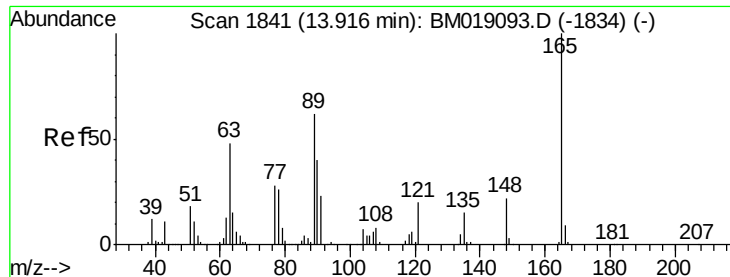


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

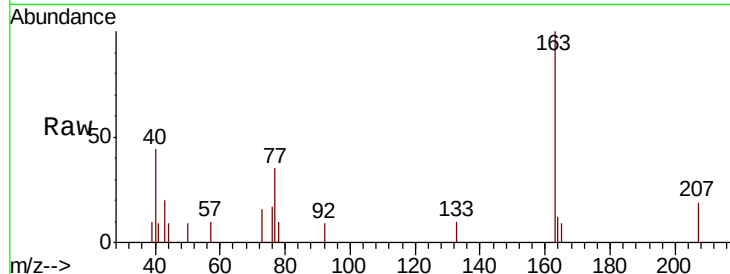




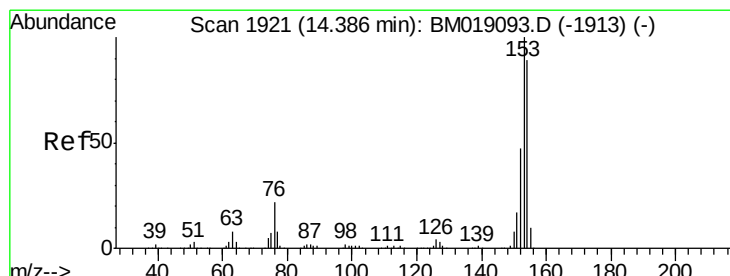
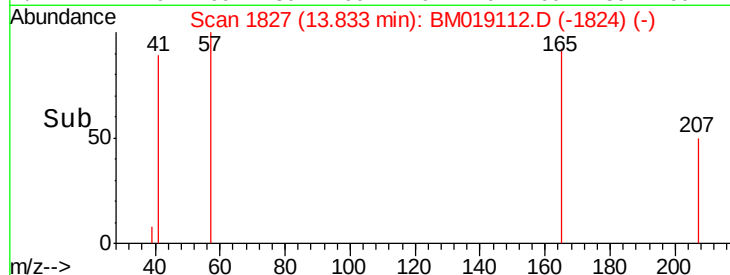
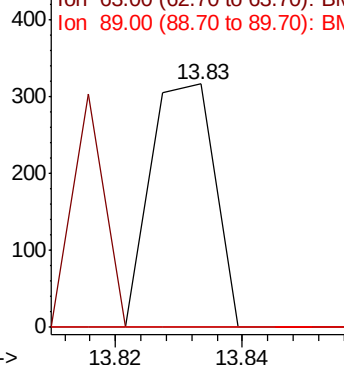
#51
 2,6-Dinitrotoluene
 Concen: 0.023 ng
 RT: 13.83 min Scan# 1827
 Delta R.T. -0.08 min
 Lab File: BM019112.D
 Acq: 12 Mar 2019 15:16

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-SW011-030619

Tot Ion:165 Resp: 219
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.2 72.4#
 89 0.0 49.3 73.9#

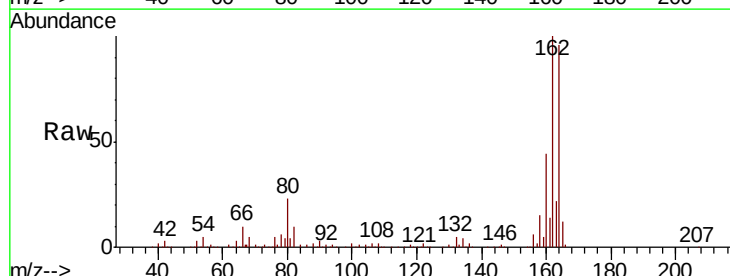


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0

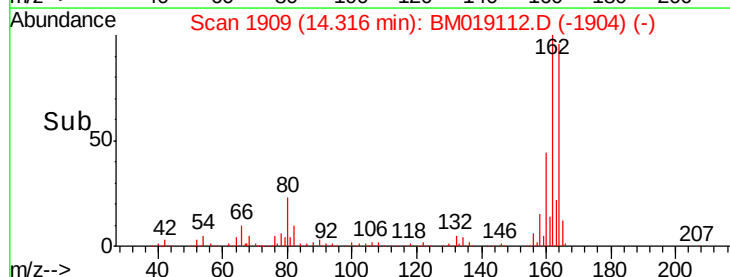
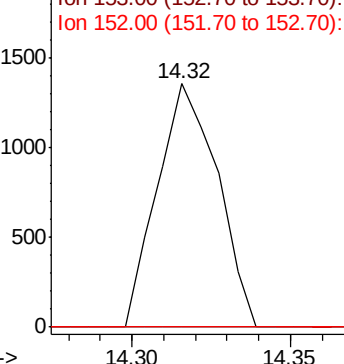


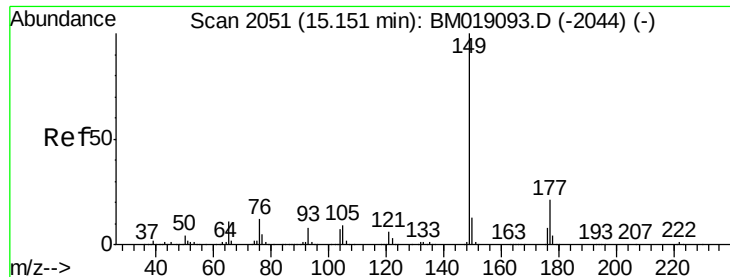
#52
 Acenaphthene
 Concen: 0.054 ng
 RT: 14.32 min Scan# 1909
 Delta R.T. -0.07 min
 Lab File: BM019112.D
 Acq: 12 Mar 2019 15:16

Tgt Ion:154 Resp: 1772
 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

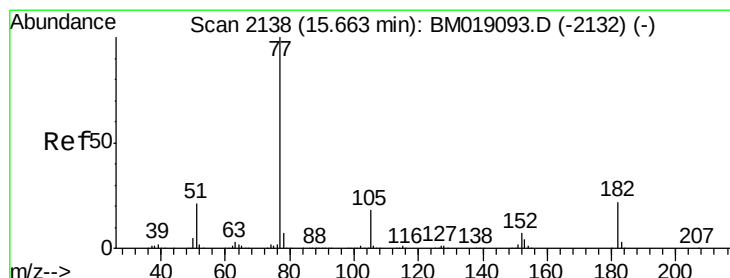
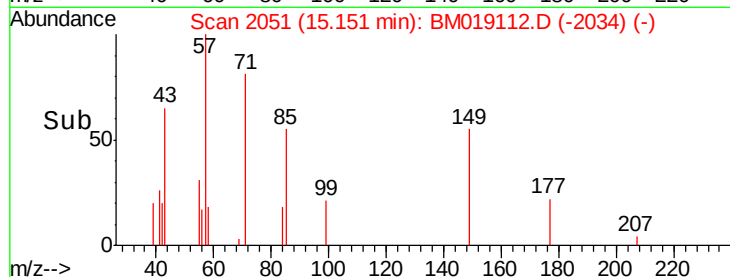
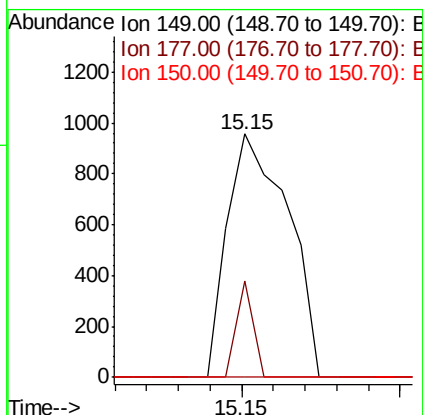
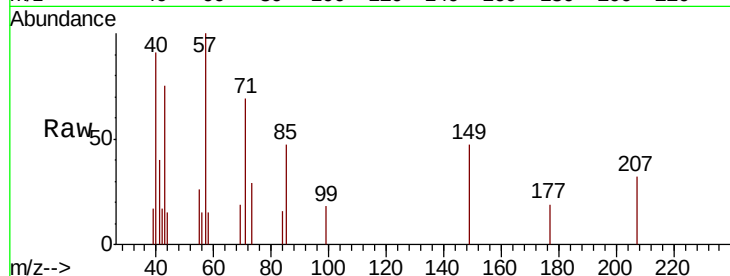




#60
Diethylphthalate
Concen: 0.028 ng
RT: 15.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

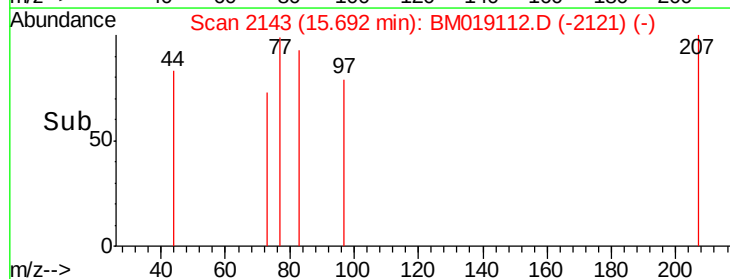
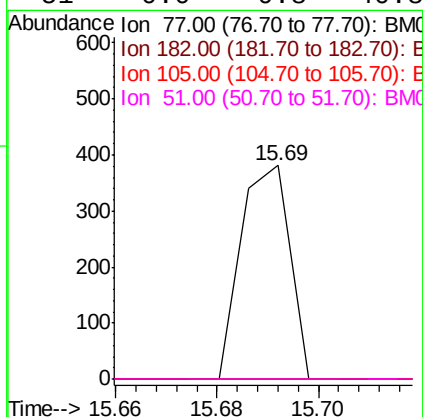
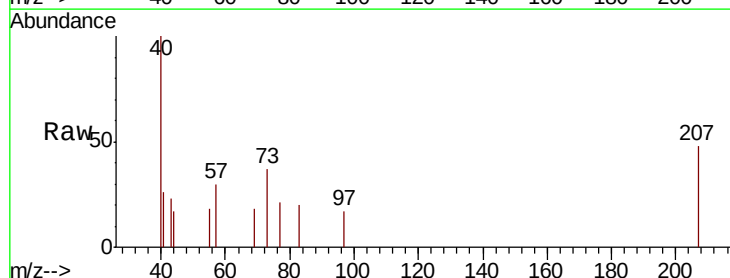
Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

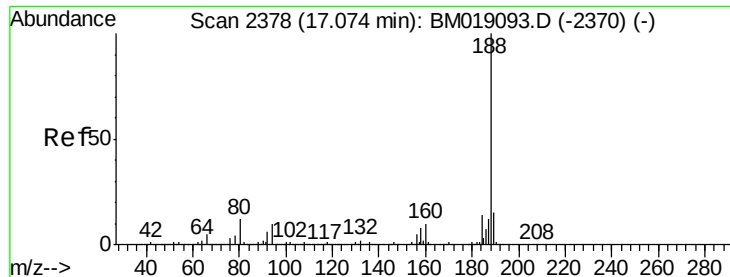
Tot Ion:149 Resp: 1269
Ion Ratio Lower Upper
149 100
177 39.6 17.0 25.6#
150 0.0 10.2 15.4#



#63
Azobenzene
Concen: 0.005 ng
RT: 15.69 min Scan# 2143
Delta R.T. 0.03 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Tgt Ion: 77 Resp: 255
Ion Ratio Lower Upper
77 100
182 0.0 1.8 41.8#
105 0.0 0.0 38.3
51 0.0 0.8 40.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

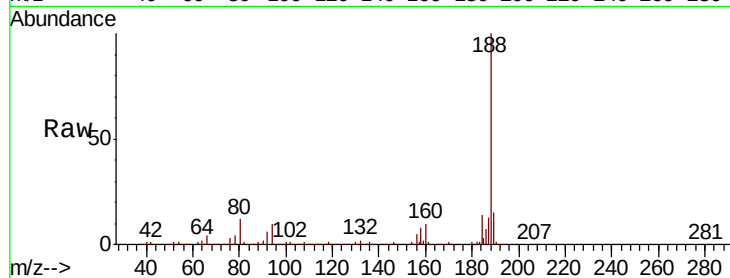
Tot Ion:188 Resp: 1246221

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

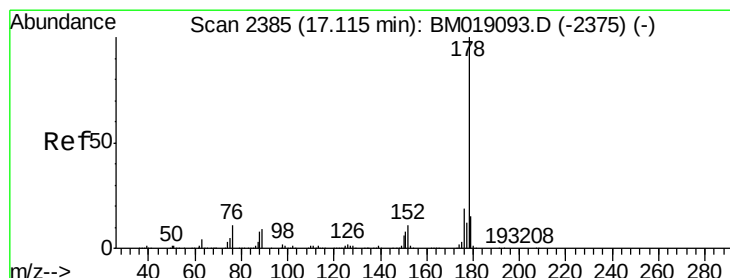
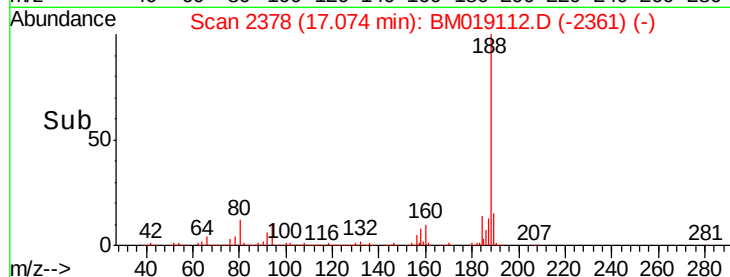
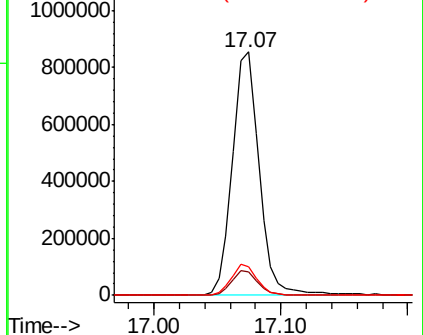
80 11.7 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 0.048 ng

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

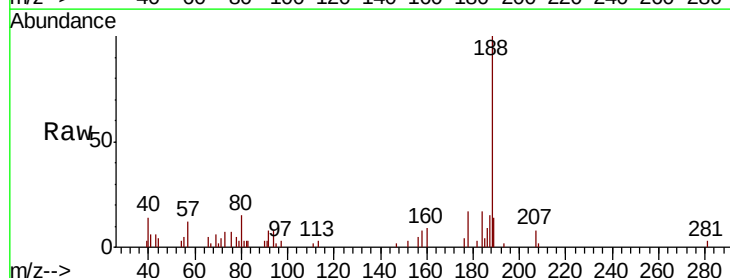
Tgt Ion:178 Resp: 3537

Ion Ratio Lower Upper

178 100

176 25.7 15.3 22.9#

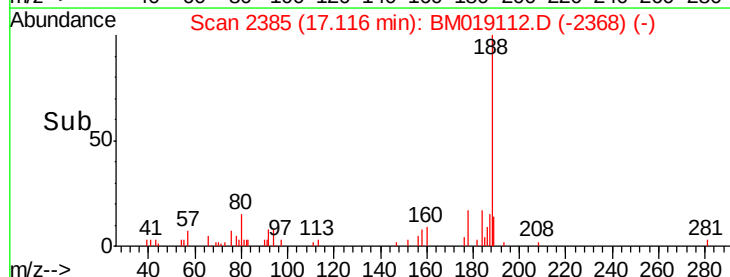
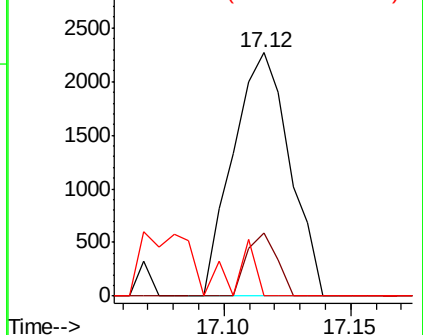
179 0.0 12.2 18.2#

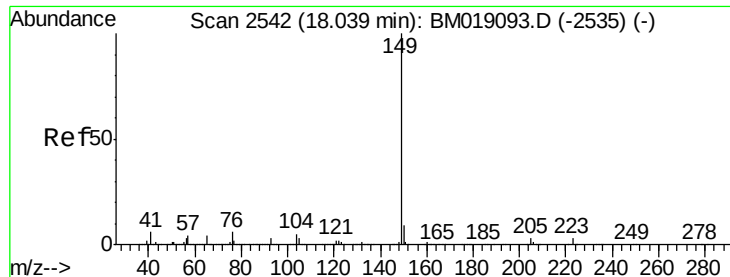


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.058 ng

RT: 18.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

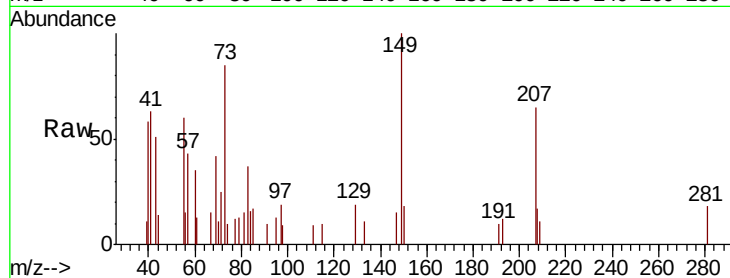
Tot Ion:149 Resp: 4697

Ion Ratio Lower Upper

149 100

150 17.9 7.4 11.0#

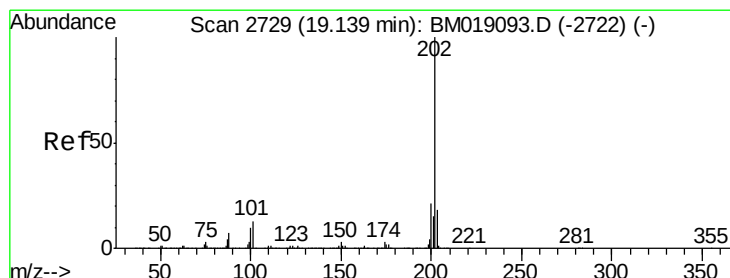
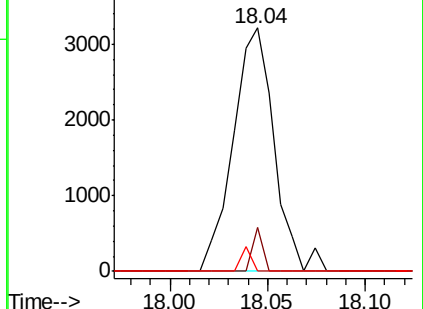
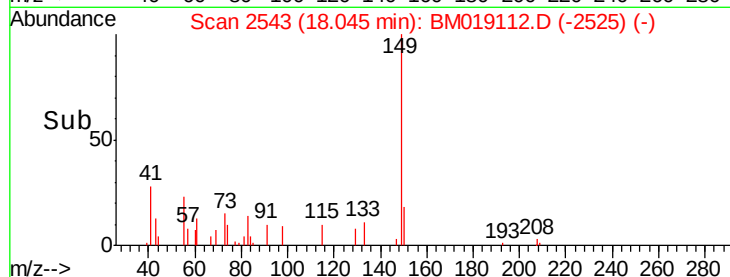
104 0.0 4.2 6.4#



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: 0.049 ng

RT: 19.14 min Scan# 2730

Delta R.T. 0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

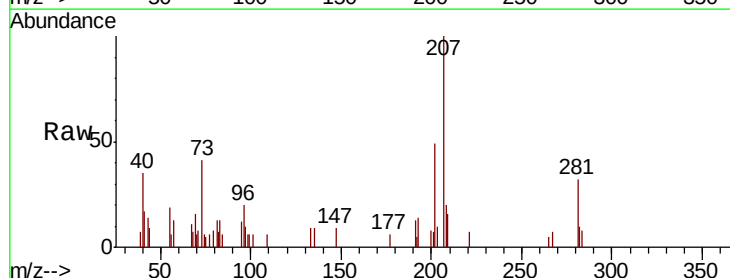
Tgt Ion:202 Resp: 4130

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.0

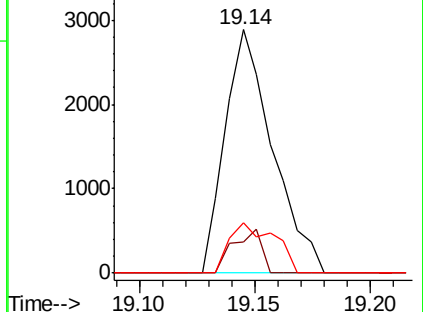
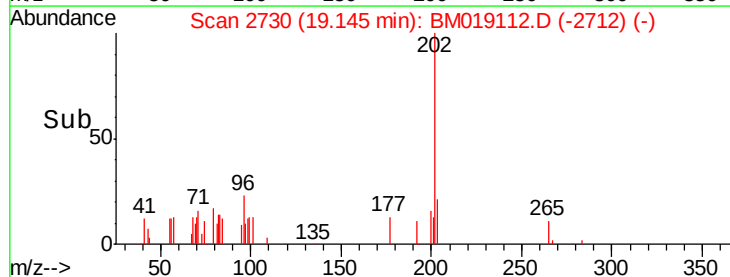
203 20.8 0.0 37.8

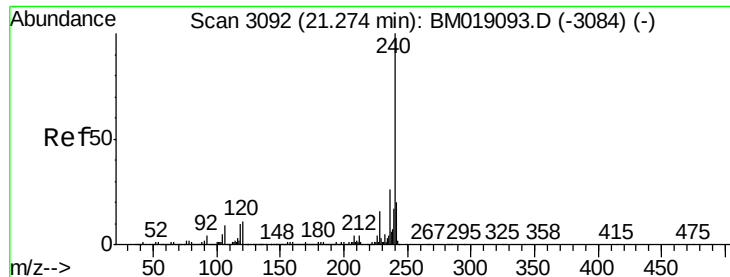


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

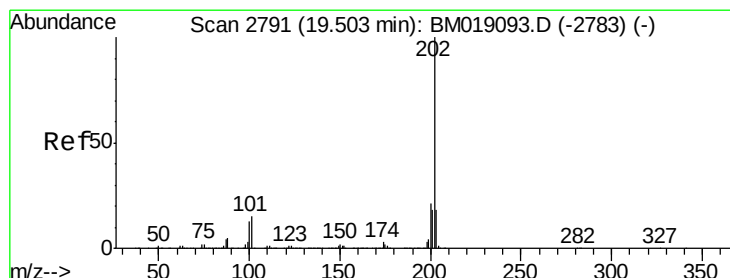
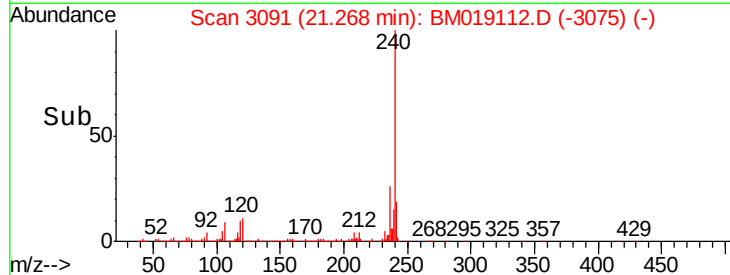
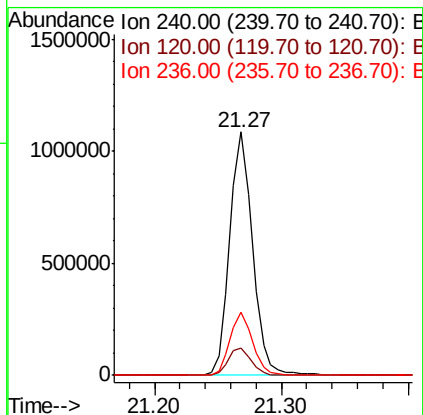
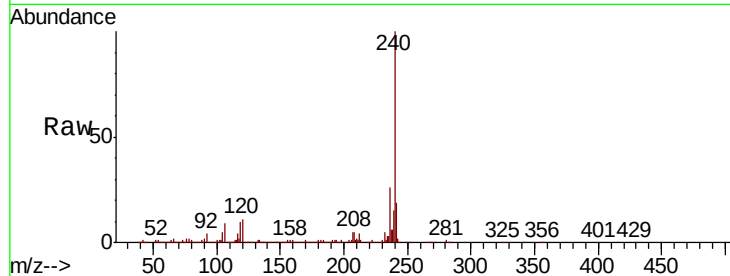




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

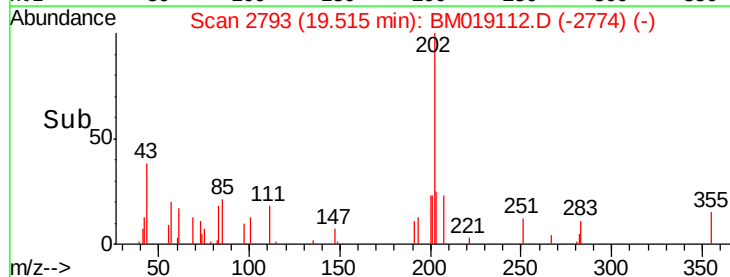
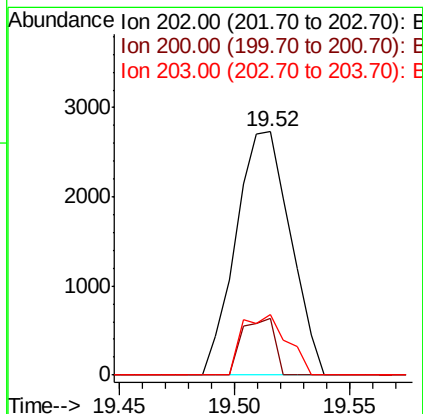
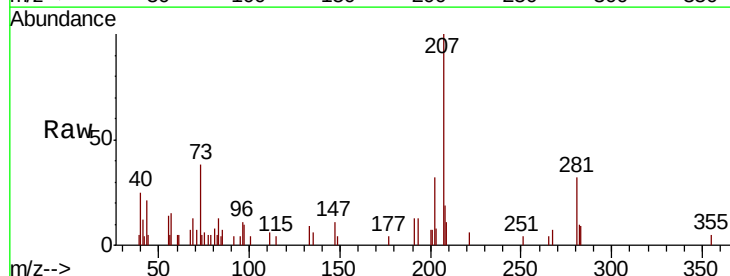
Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

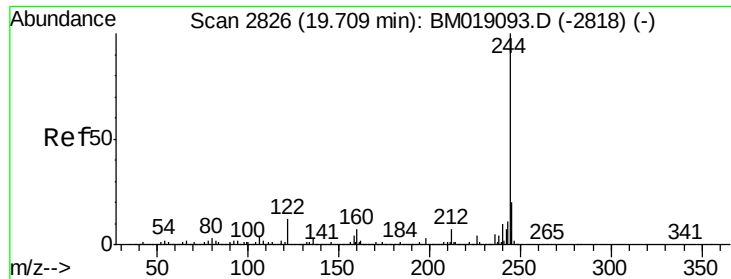
Tot Ion:240 Resp: 1356386
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.8 21.0 31.4



#78
Pyrene
Concen: 0.052 ng
RT: 19.52 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Tgt Ion:202 Resp: 4491
Ion Ratio Lower Upper
202 100
200 23.1 16.9 25.3
203 24.7 14.0 21.0#





#79

Terphenyl-d14

Concen: 53.759 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

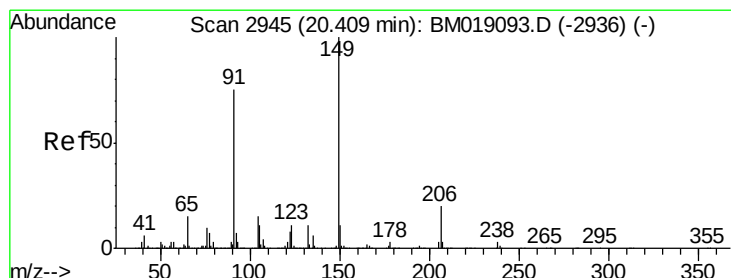
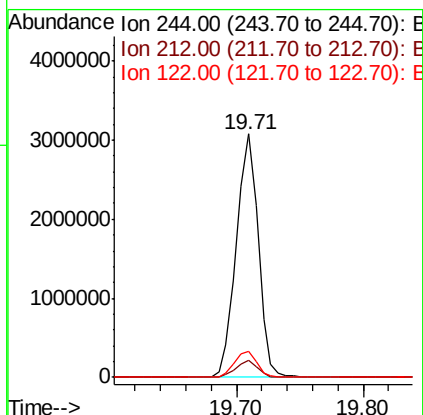
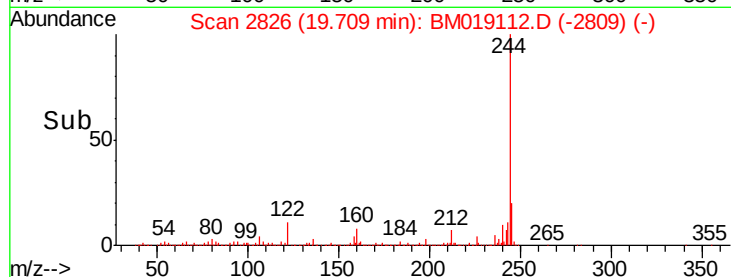
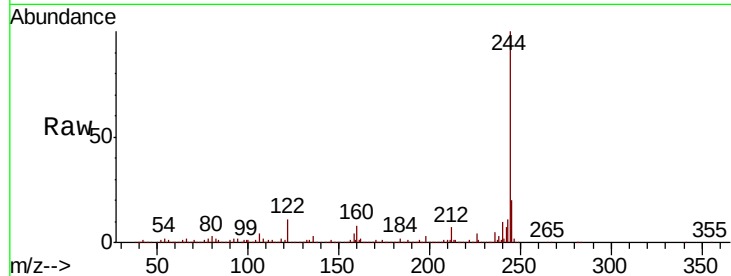
Tot Ion:244 Resp: 3673056

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.9 9.4 14.2



#80

Butylbenzylphthalate

Concen: 0.054 ng

RT: 20.41 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

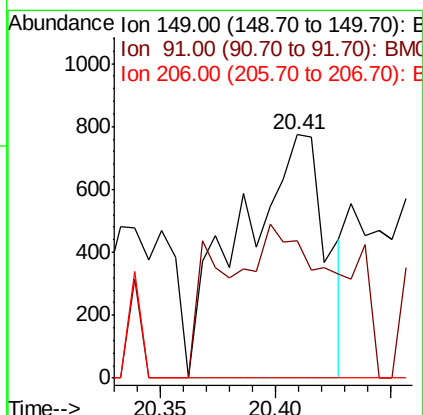
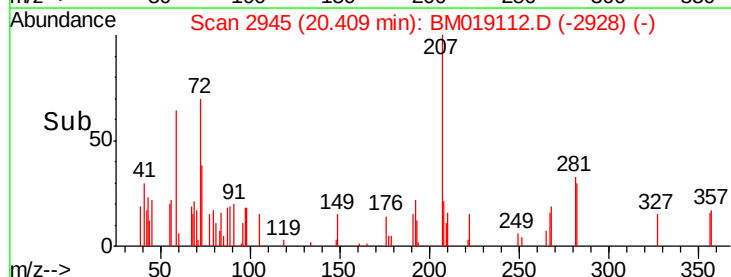
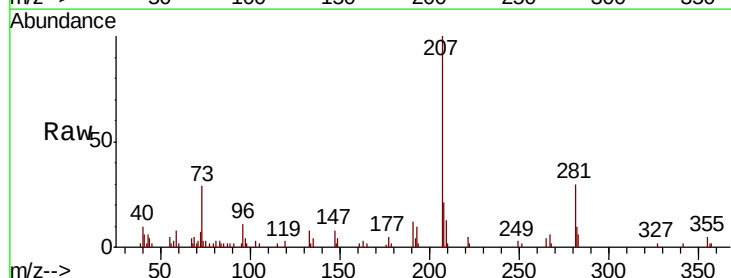
Tgt Ion:149 Resp: 2016

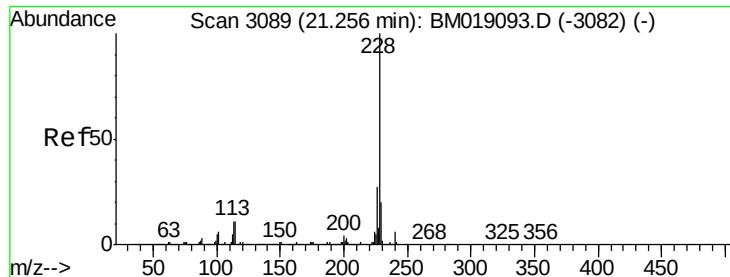
Ion Ratio Lower Upper

149 100

91 56.5 60.1 90.1#

206 0.0 16.2 24.2#





#81

Benzo(a)anthracene

Concen: 0.072 ng

RT: 21.26 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

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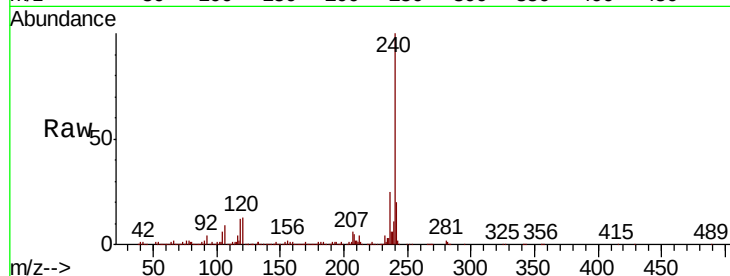
Tot Ion:228 Resp: 6123

Ion Ratio Lower Upper

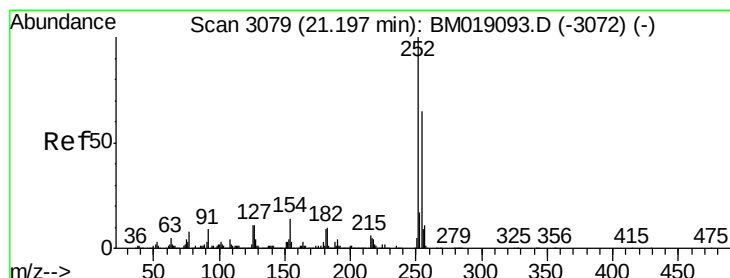
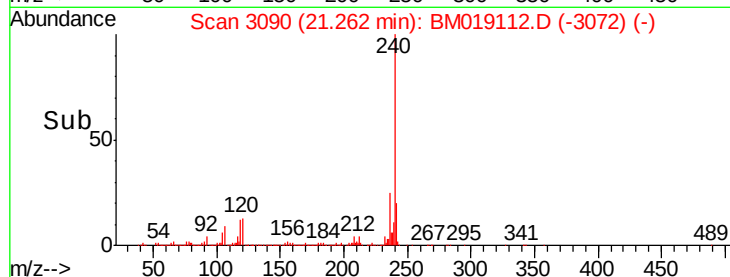
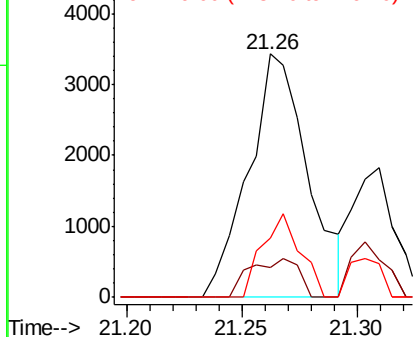
228 100

226 12.2 21.8 32.8#

229 24.3 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.004 ng

RT: 21.22 min Scan# 3083

Delta R.T. 0.02 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

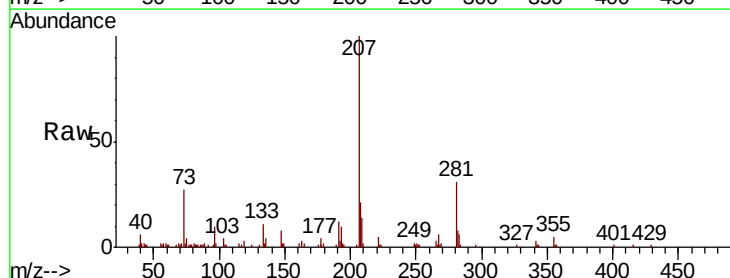
Tgt Ion:252 Resp: 122

Ion Ratio Lower Upper

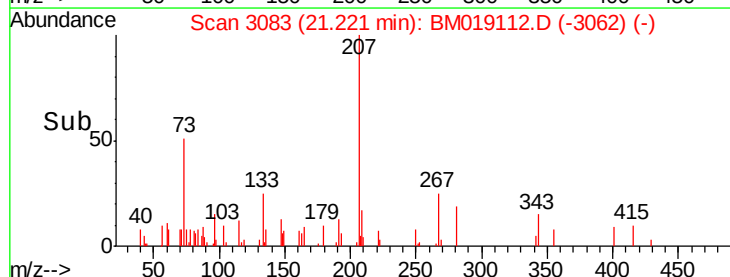
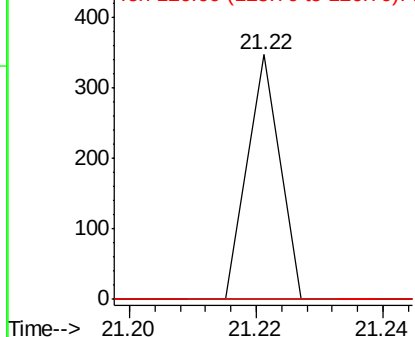
252 100

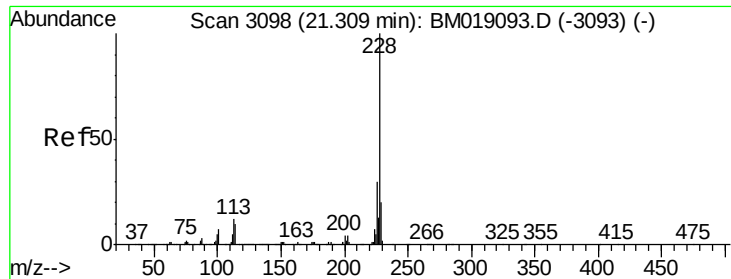
254 0.0 52.4 78.6#

126 0.0 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.027 ng

RT: 21.31 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

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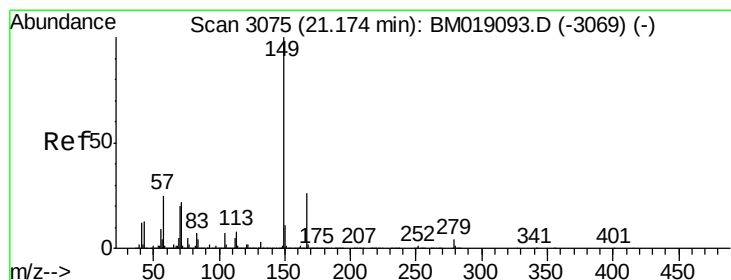
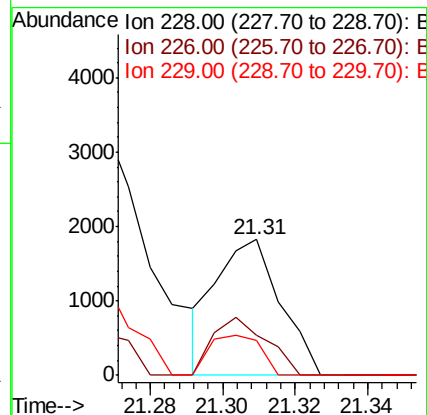
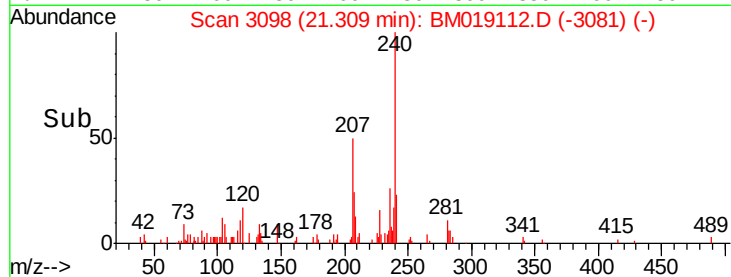
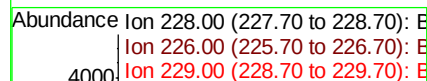
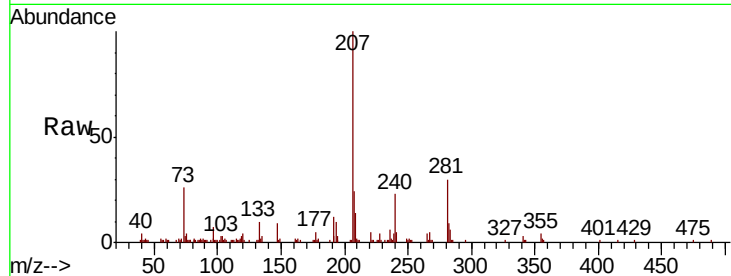
Tot Ion:228 Resp: 2229

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

229 25.8 15.7 23.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng

RT: 21.17 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

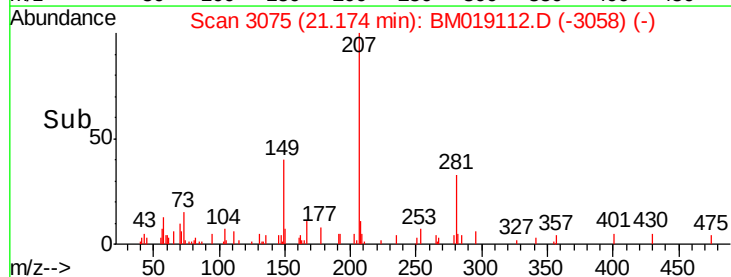
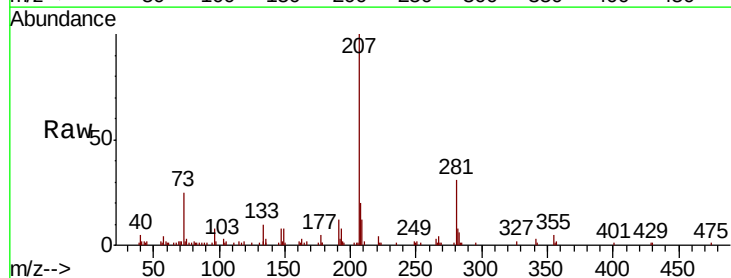
Tgt Ion:149 Resp: 3472

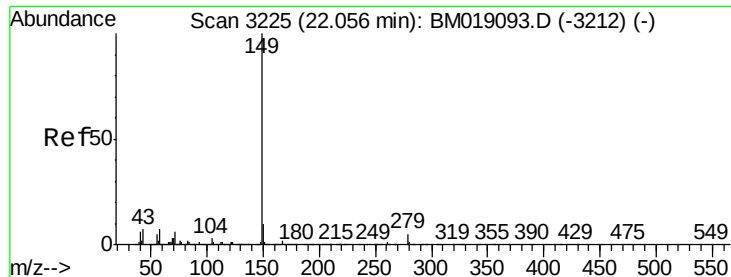
Ion Ratio Lower Upper

149 100

167 23.6 21.1 31.7

279 8.2 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.06 min Scan# 3226

Delta R.T. 0.01 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

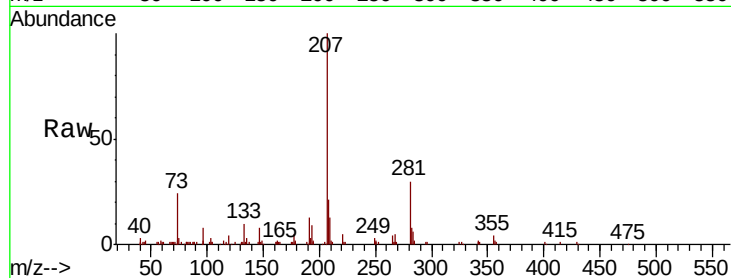
Tot Ion:149 Resp: 233

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

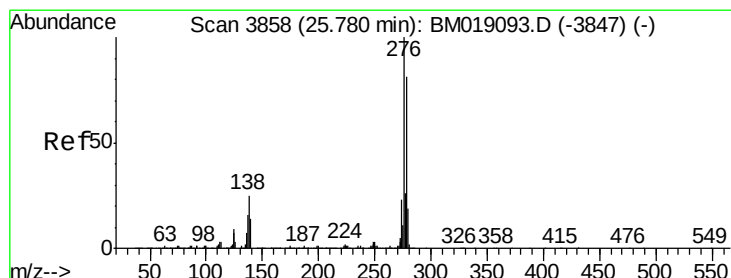
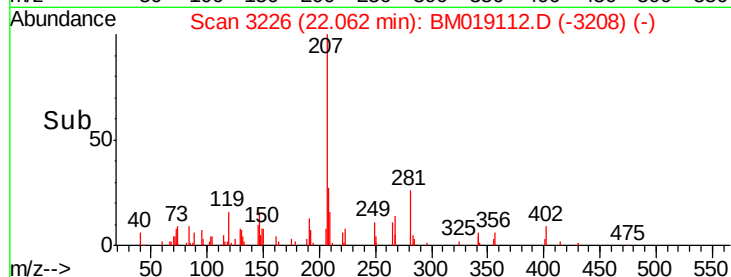
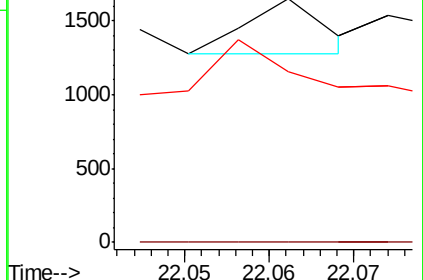
43 107.7 6.1 9.1#



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: 0.008 ng

RT: 25.80 min Scan# 3862

Delta R.T. 0.02 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

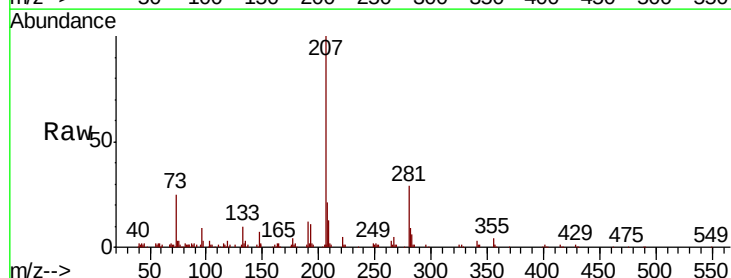
Tgt Ion:276 Resp: 718

Ion Ratio Lower Upper

276 100

138 0.0 19.8 29.8#

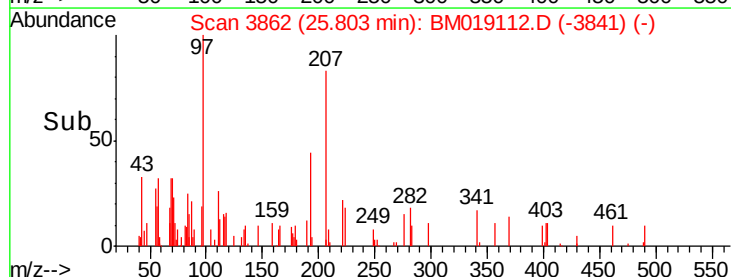
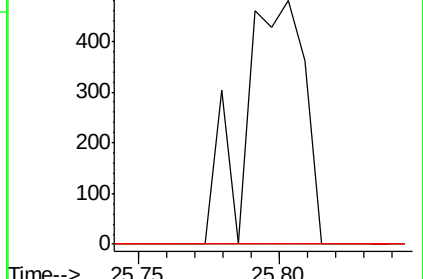
277 0.0 20.3 30.5#

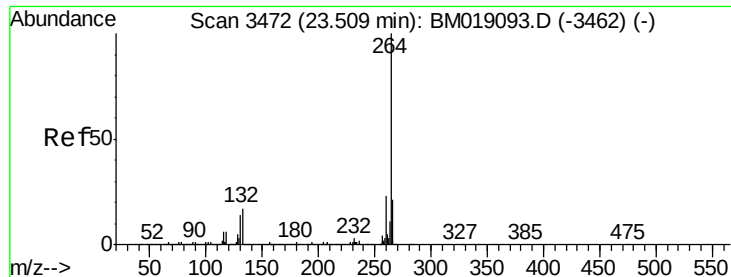


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

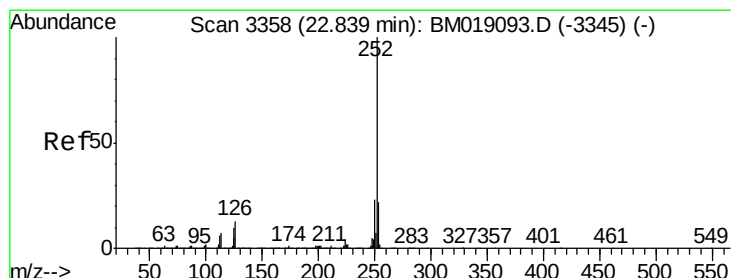
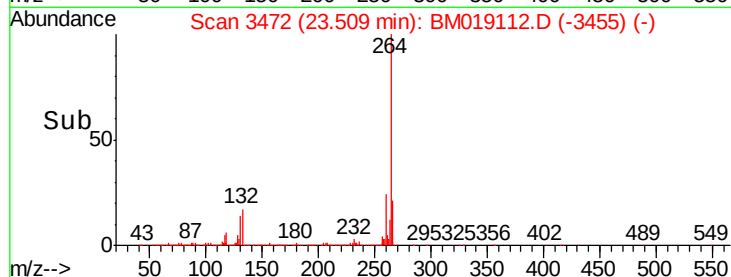
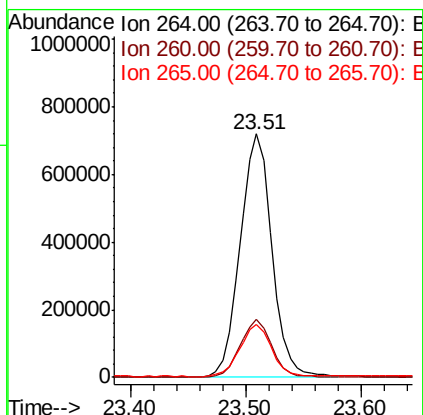
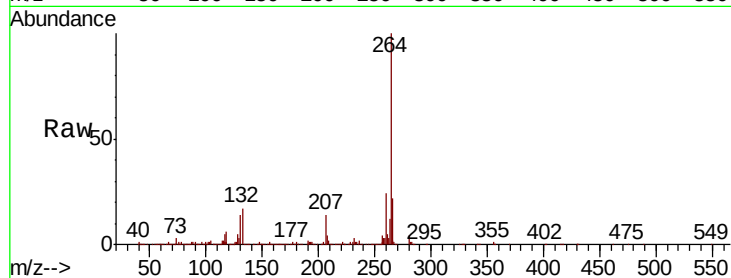




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3472
Delta R.T. 0.00 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

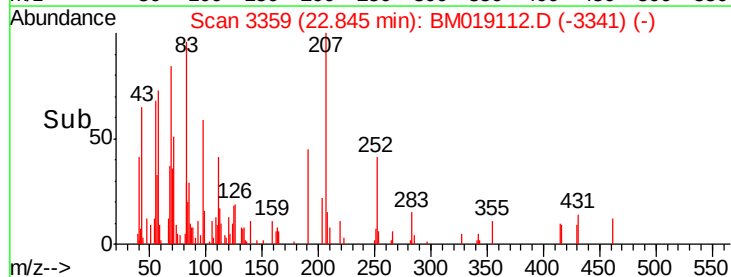
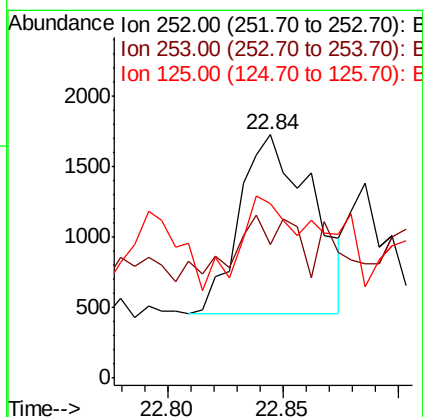
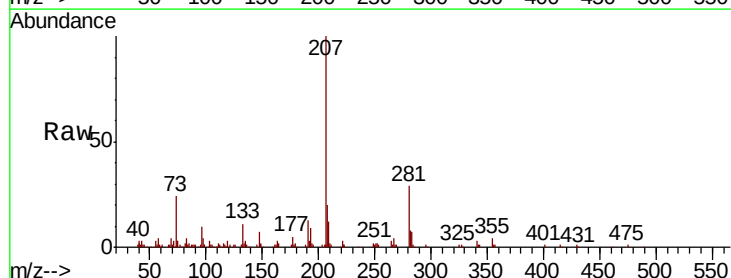
Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

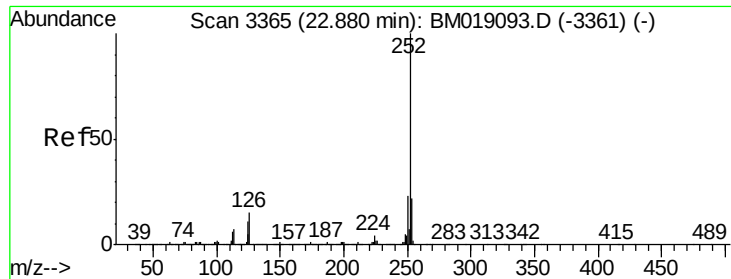
Tot Ion:264 Resp: 1379843
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.6 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 22.84 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Tgt Ion:252 Resp: 2794
Ion Ratio Lower Upper
252 100
253 54.7 17.6 26.4#
125 71.8 8.1 12.1#

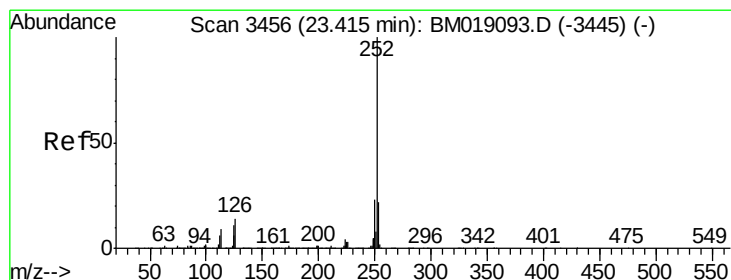
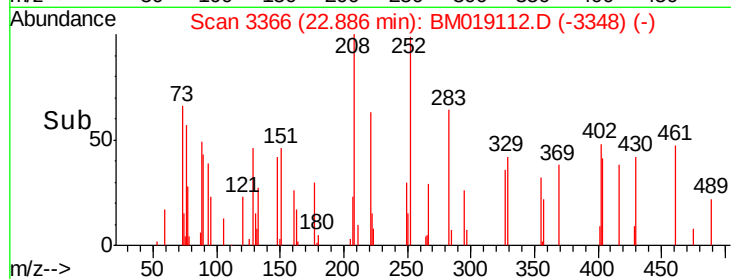
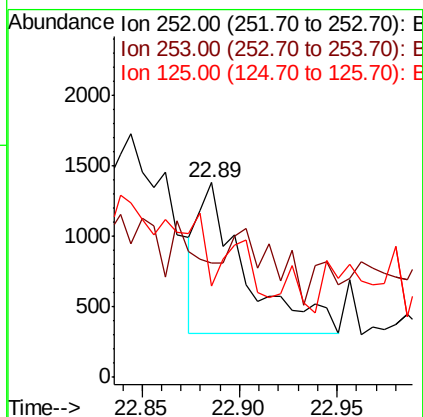
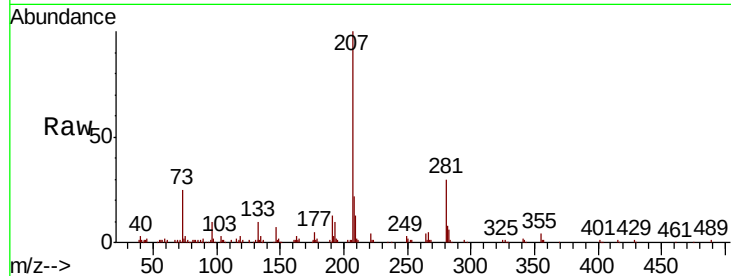




#89
Benzo(k)fluoranthene
Concen: 0.022 ng
RT: 22.89 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

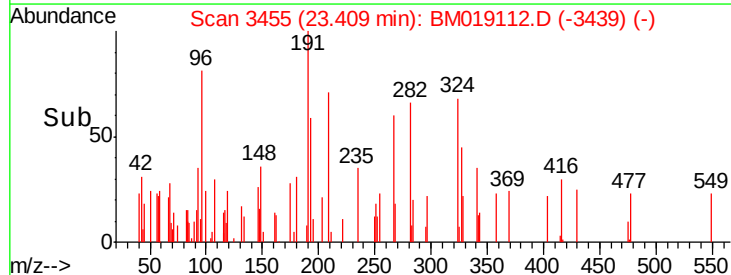
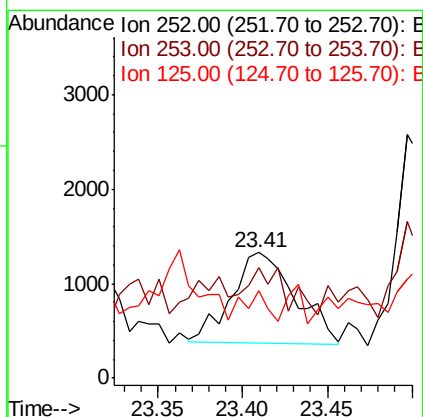
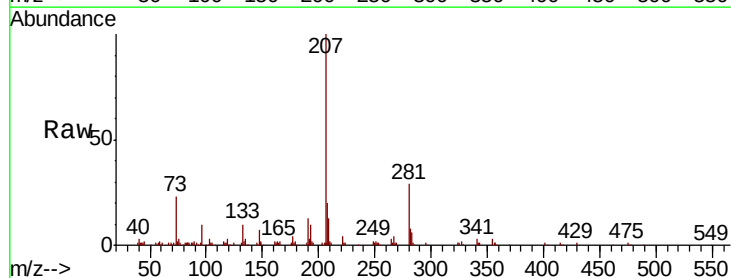
Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

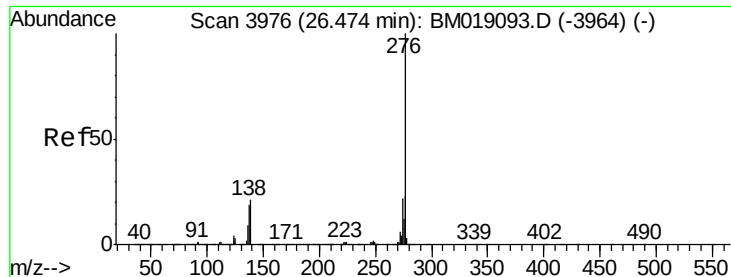
Tot Ion:252 Resp: 1789
Ion Ratio Lower Upper
252 100
253 58.7 17.6 26.4#
125 47.1 8.8 13.2#



#90
Benzo(a)pyrene
Concen: 0.031 ng
RT: 23.41 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM019112.D
Acq: 12 Mar 2019 15:16

Tgt Ion:252 Resp: 2509
Ion Ratio Lower Upper
252 100
253 88.3 17.4 26.2#
125 69.8 9.2 13.8#





#92

Benzo(a,h,i)perylene

Concen: 0.002 ng

RT: 26.47 min Scan# 3976

Delta R.T. 0.00 min

Lab File: BM019112.D

Acq: 12 Mar 2019 15:16

Instrument :

BNA_M

ClientSampleId :

PST-028-SW011-030619

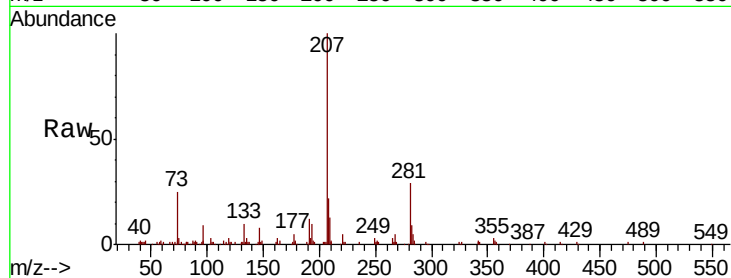
Tot Ion: 276 Resp: 126

Ion Ratio Lower Upper

276 100

277 0.0 18.8 28.2#

138 0.0 17.0 25.4#



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

