

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019127.D
 Acq On : 13 Mar 2019 01:50
 Operator : JU/SJ
 Sample : K1846-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-S

Quant Time: Mar 13 03:58:01 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	231298	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	919156	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	579215	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1433544	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1562965	20.00	ng	0.00
87) Perylene-d12	23.50	264	1509583	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1577166	110.43	ng	0.00
7) Phenol-d6	6.84	99	1887501	90.35	ng	0.00
23) Nitrobenzene-d5	8.83	82	1679857	86.39	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1285992	150.37	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3663649	82.28	ng	0.00
79) Terphenyl-d14	19.71	244	7387516	93.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	409	0.064	ng	# 1
3) Pyridine	3.60	79	107	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.58	42	926	0.172	ng	# 1
9) Benzaldehyde	6.85	77	4671	0.355	ng	# 13
15) Benzyl Alcohol	7.97	79	26632	1.540	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	8.19	45	680	0.039	ng	# 55
22) Acetophenone	8.51	105	2751	0.108	ng	# 78
24) Nitrobenzene	8.83	77	5614	0.278	ng	# 43
25) Isophorone	9.38	82	436	0.012	ng	# 68
31) Naphthalene	10.50	128	2399	0.050	ng	# 75
37) 2-Methylnaphthalene	12.13	142	1092	0.031	ng	# 67
38) 1-Methylnaphthalene	12.35	142	831	0.024	ng	# 91
46) 1,1'-Biphenyl	13.15	154	4724	0.093	ng	# 95
52) Acenaphthene	14.38	154	1468	0.040	ng	# 87
55) Dibenzofuran	14.74	168	550	0.009	ng	# 45
58) Fluorene	15.39	166	1248	0.026	ng	# 79
60) Diethylphthalate	15.15	149	847	0.017	ng	# 60
63) Azobenzene	15.67	77	127	0.002	ng	# 56
71) Phenanthrene	17.11	178	4950	0.059	ng	# 95
72) Anthracene	17.22	178	117	0.001	ng	# 61
73) Carbazole	17.51	167	236	0.003	ng	# 59
74) Di-n-butylphthalate	18.04	149	4574	0.049	ng	# 94
75) Fluoranthene	19.14	202	1152	0.012	ng	# 63
77) Benzidine	19.39	184	364	0.008	ng	# 67
78) Pyrene	19.51	202	1059	0.011	ng	# 57
80) Butylbenzylphthalate	20.40	149	361	0.008	ng	# 63
81) Benzo(a)anthracene	21.27	228	4880	0.050	ng	# 61
82) 3,3'-Dichlorobenzidine	21.22	252	682	0.018	ng	# 86
83) Chrysene	21.27	228	4880	0.051	ng	# 58
84) Bis(2-ethylhexyl)phthalate	21.17	149	3040	0.049	ng	# 98
85) Di-n-octyl phthalate	22.07	149	1180	0.011	ng	# 81
88) Benzo(b)fluoranthene	22.84	252	657	0.007	ng	# 1
89) Benzo(k)fluoranthene	22.87	252	173	0.002	ng	# 1
90) Benzo(a)pyrene	23.43	252	155	0.002	ng	# 1

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TP-1-S

Quant Time: Mar 13 03:58:01 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

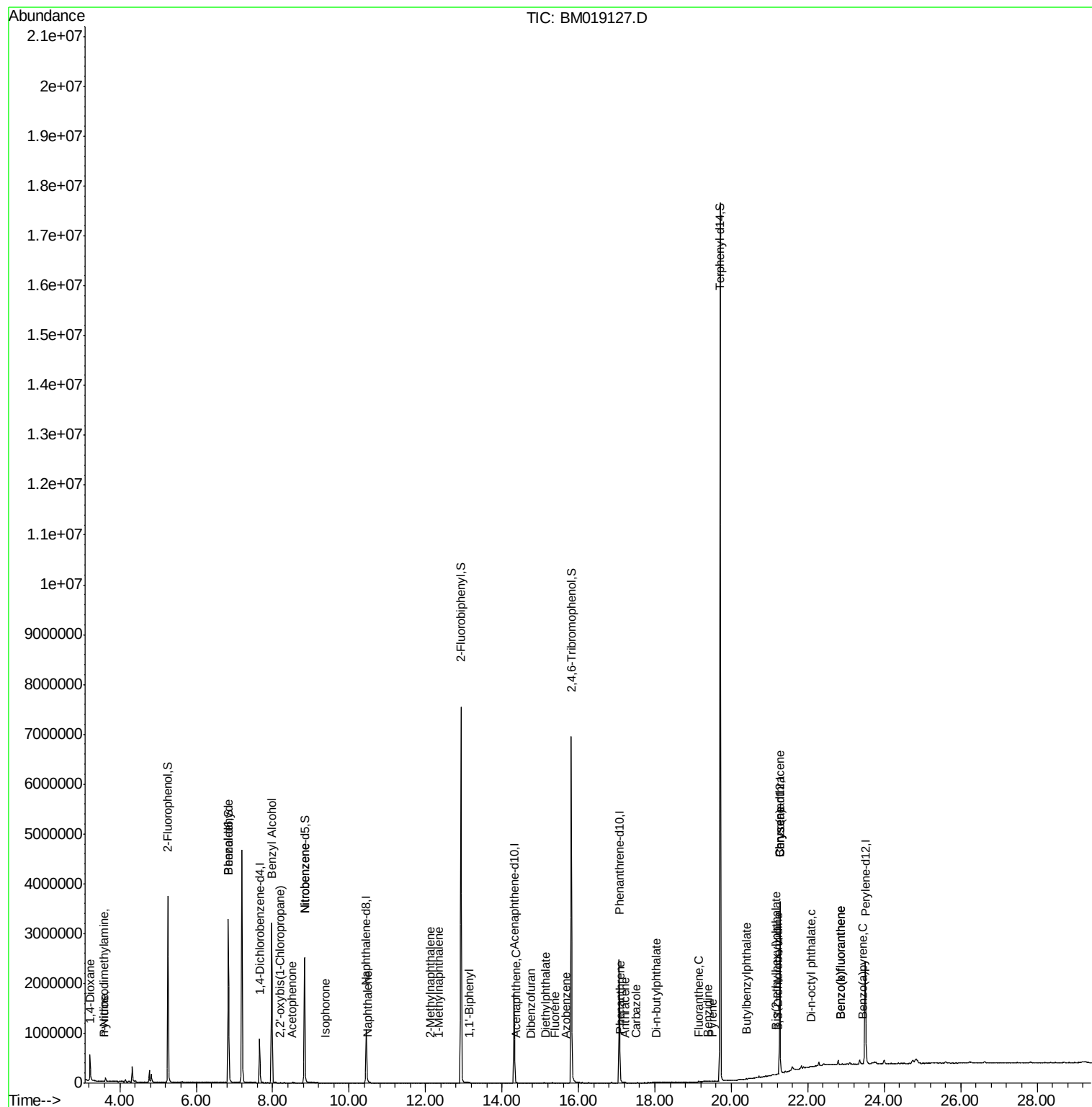
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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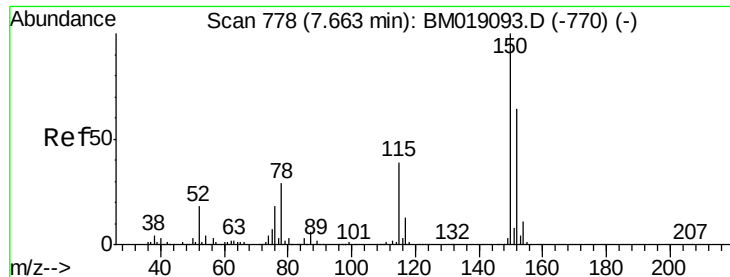
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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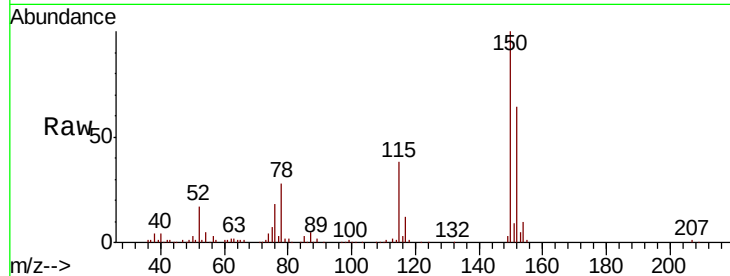


#1

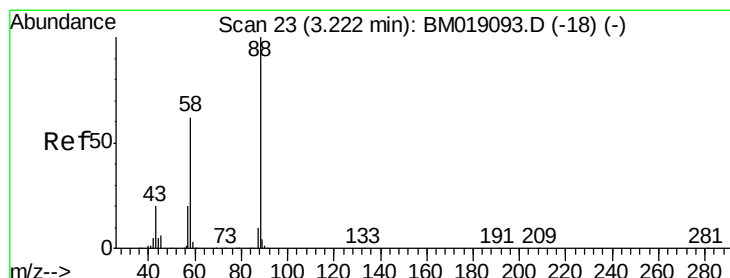
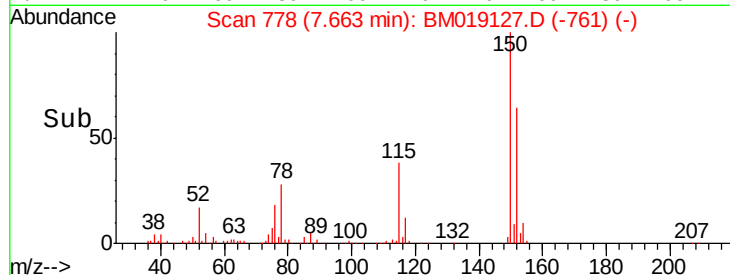
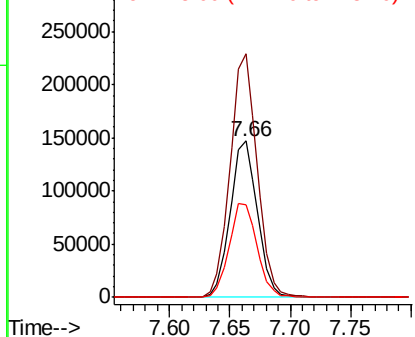
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Instrument :
BNA_M
ClientSampleId :
TP-1-S

Tot Ion:152 Resp: 231298
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 59.3 49.4 74.0



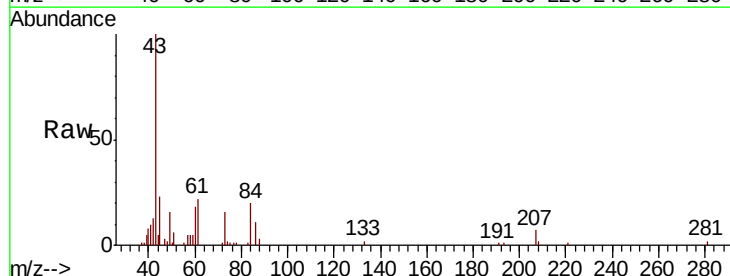
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



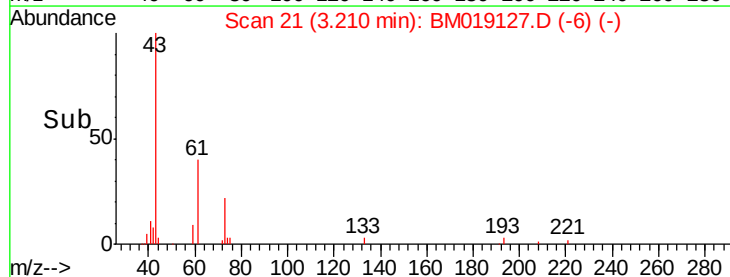
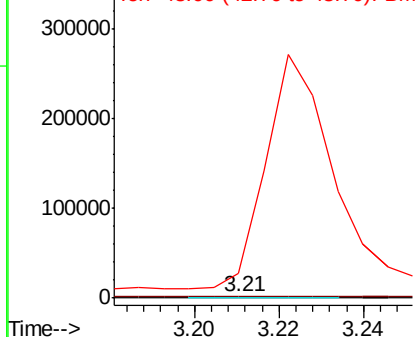
#2

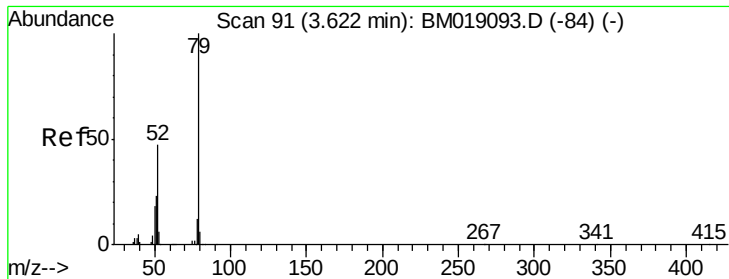
1,4-Dioxane
Concen: 0.064 ng
RT: 3.21 min Scan# 21
Delta R.T. -0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion: 88 Resp: 409
Ion Ratio Lower Upper
88 100
58 550.9 50.0 75.0#
43 73235.5 17.0 25.4#



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





#3

Pvridine

Concen: 0.006 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

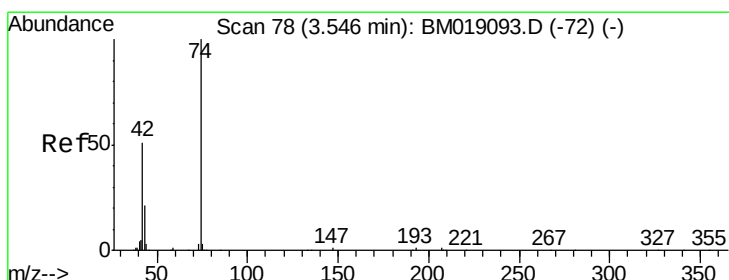
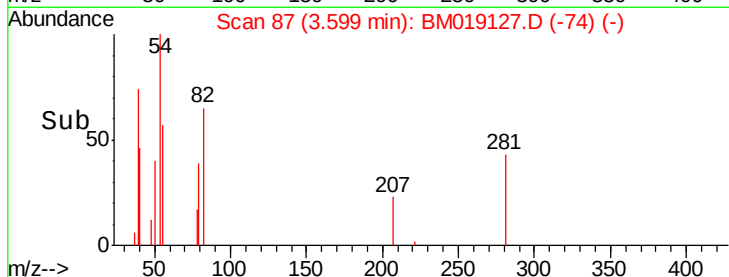
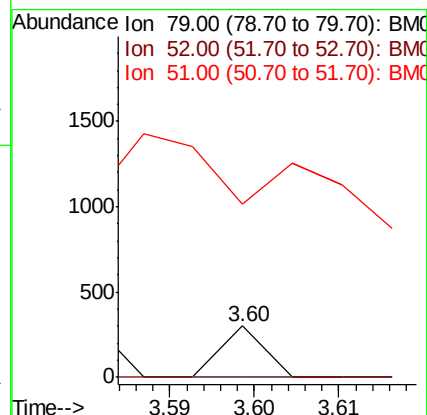
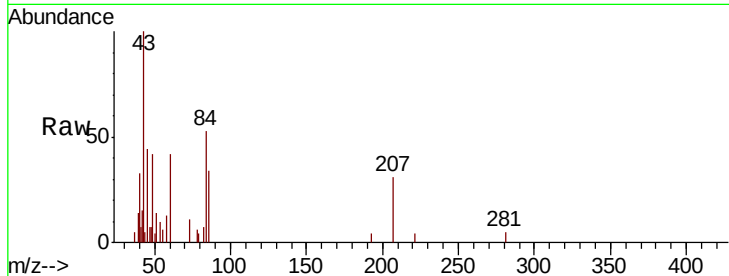
Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :
BNA_M
ClientSampleId :
TP-1-S

Tot Ion: 79 Resp: 107

Ion	Ratio	Lower	Upper
79	100		
52	0.0	37.5	56.3#
51	336.1	19.2	28.8#



#4

n-Nitrosodimethylamine

Concen: 0.172 ng

RT: 3.58 min Scan# 83

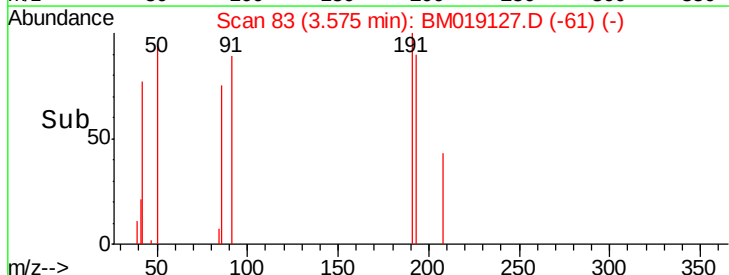
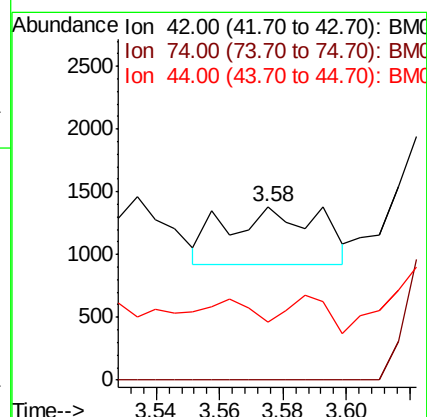
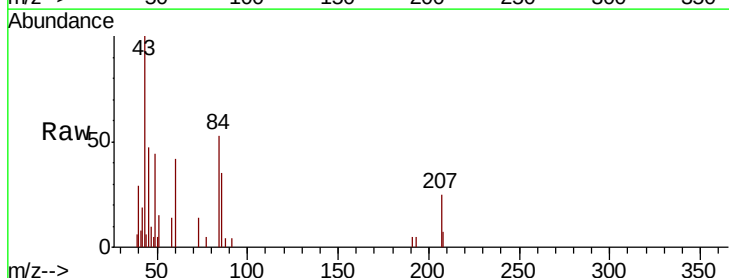
Delta R.T. 0.03 min

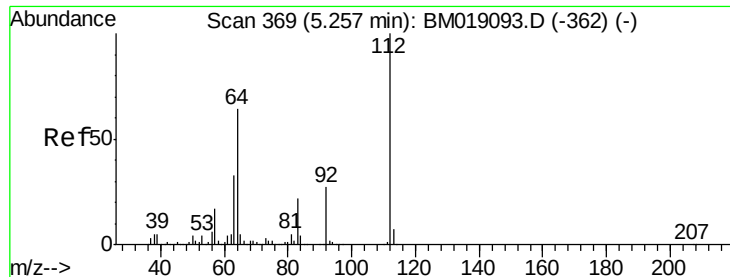
Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Tgt Ion: 42 Resp: 926

Ion	Ratio	Lower	Upper
42	100		
74	0.0	156.3	234.5#
44	33.3	4.6	7.0#





#5

2-Fluorophenol

Concen: 110.428 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

BNA_M

ClientSampleId :

TP-1-S

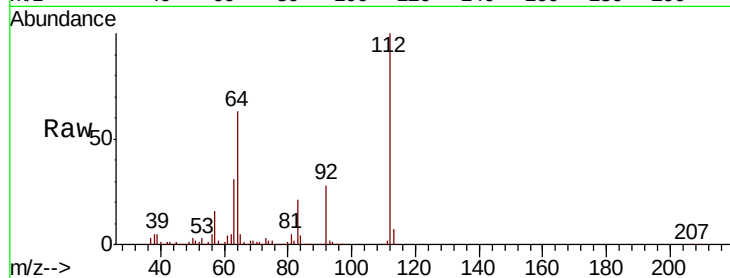
Tot Ion:112 Resp: 1577166

Ion Ratio Lower Upper

112 100

64 62.6 51.4 77.0

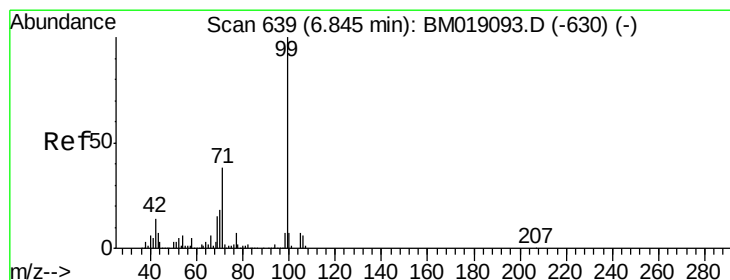
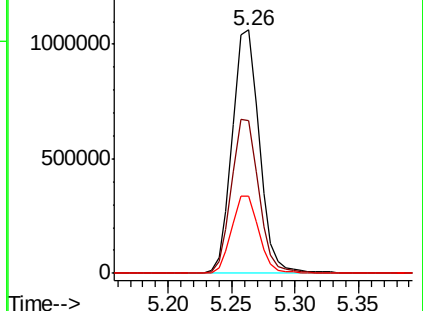
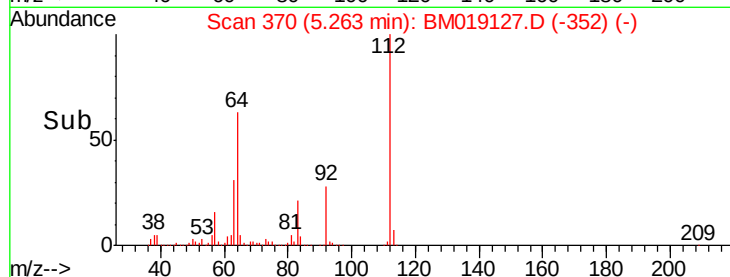
63 31.5 26.6 40.0



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: 90.351 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

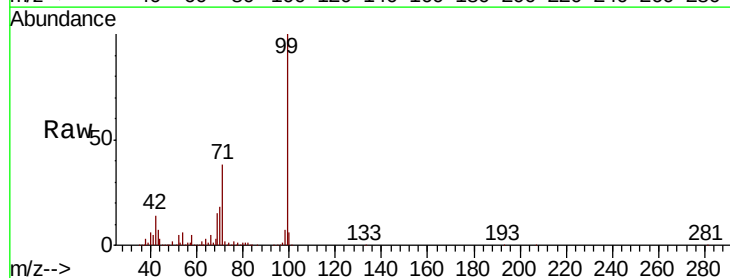
Tgt Ion: 99 Resp: 1887501

Ion Ratio Lower Upper

99 100

42 13.9 10.9 16.3

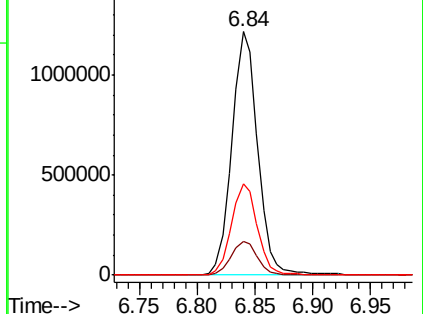
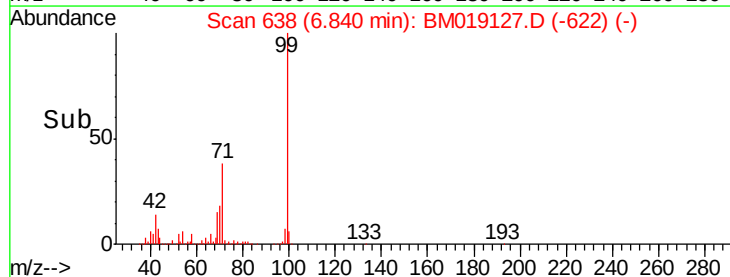
71 37.6 30.3 45.5

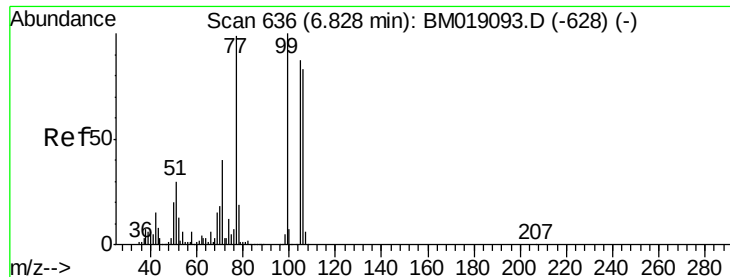


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#9

Benzaldehyde

Concen: 0.355 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.02 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

BNA_M

ClientSampleId :

TP-1-S

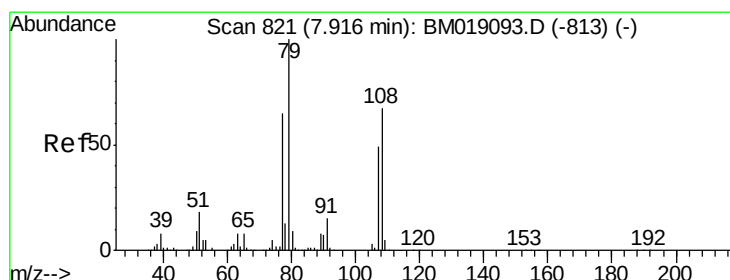
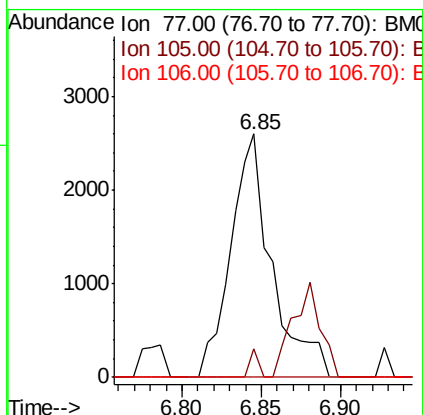
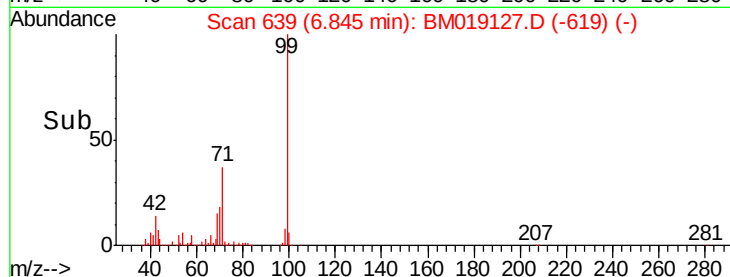
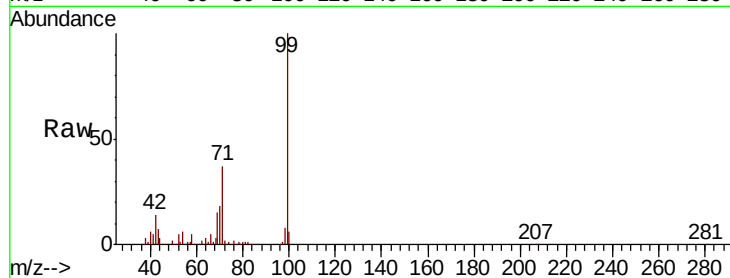
Tot Ion: 77 Resp: 4671

Ion Ratio Lower Upper

77 100

105 11.7 67.7 107.7#

106 0.0 64.1 104.1#



#15

Benzyl Alcohol

Concen: 1.540 ng

RT: 7.97 min Scan# 831

Delta R.T. 0.06 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

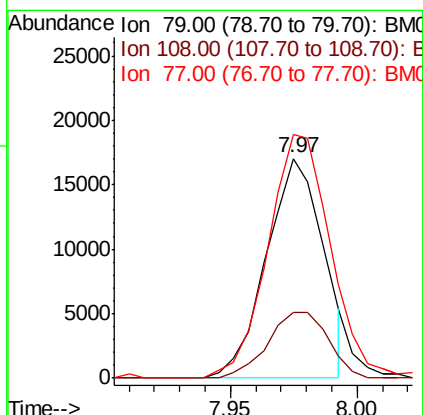
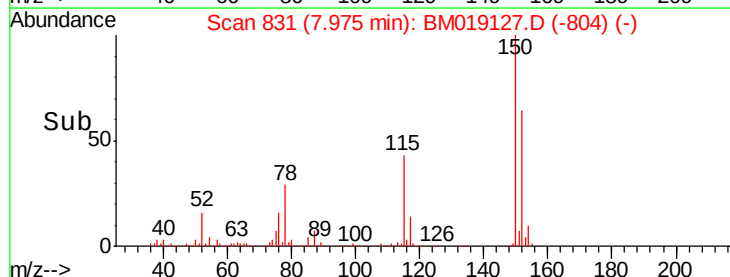
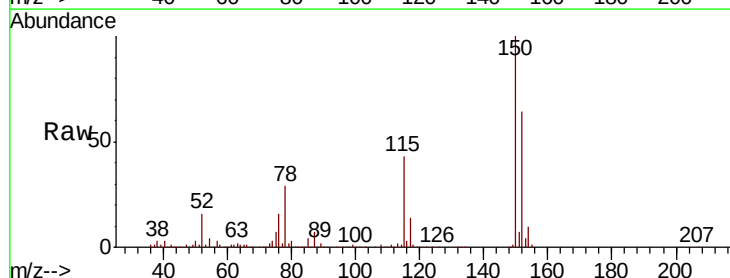
Tgt Ion: 79 Resp: 26632

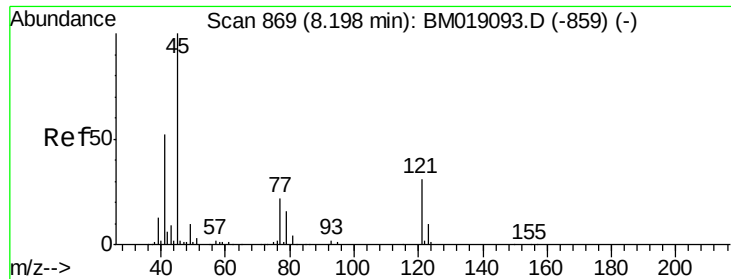
Ion Ratio Lower Upper

79 100

108 30.0 53.7 80.5#

77 110.8 51.8 77.8#

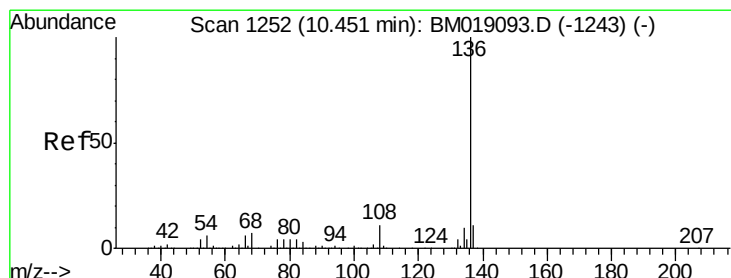
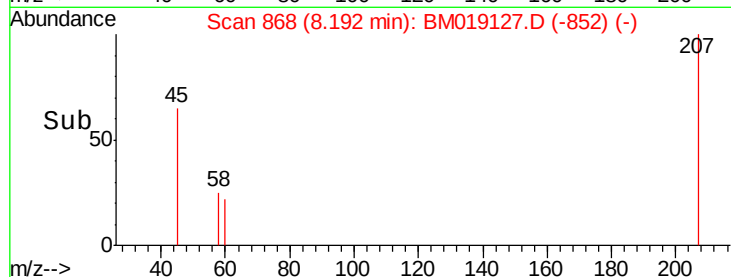
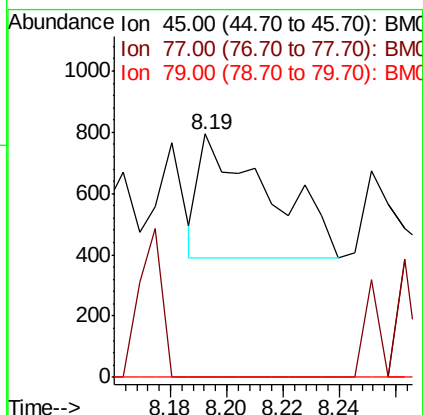
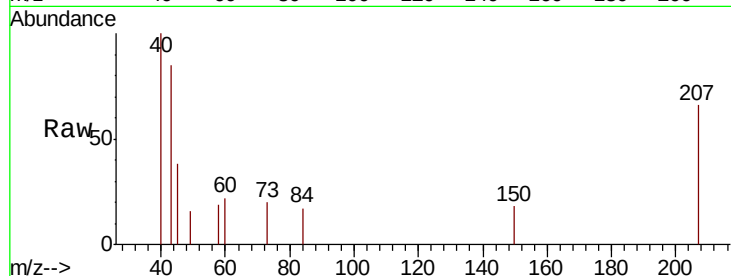




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.039 ng
RT: 8.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

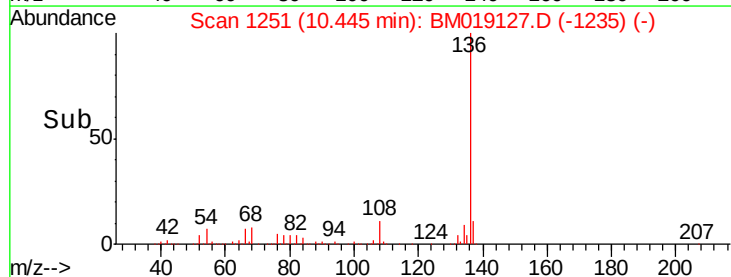
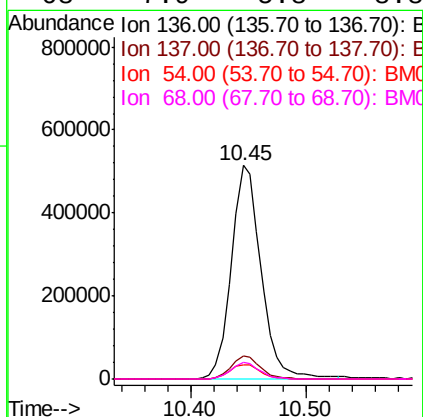
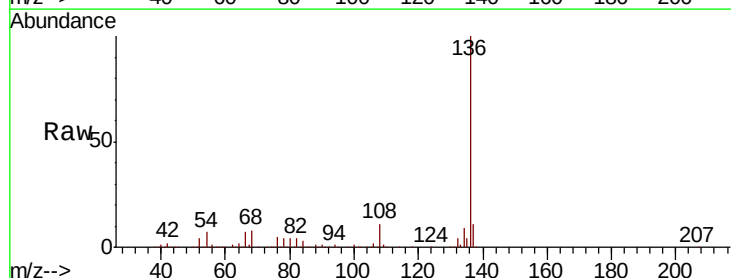
Instrument :
BNA_M
ClientSampled :
TP-1-S

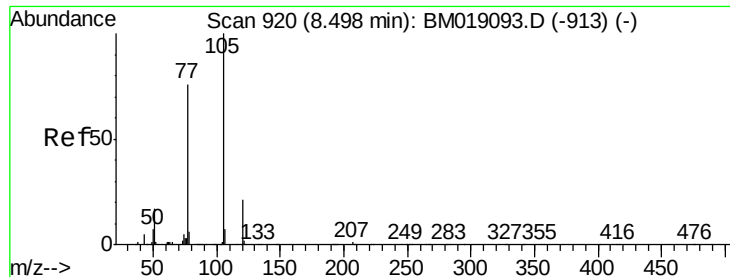
Tot Ion: 45 Resp: 680
Ion Ratio Lower Upper
45 100
77 0.0 4.1 44.1#
79 0.0 0.0 38.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion: 136 Resp: 919156
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.8 5.2 7.8
68 7.9 5.8 8.8

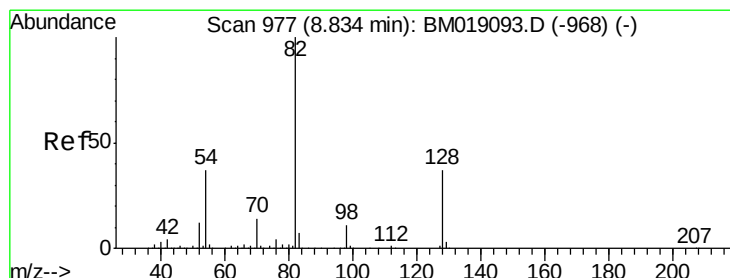
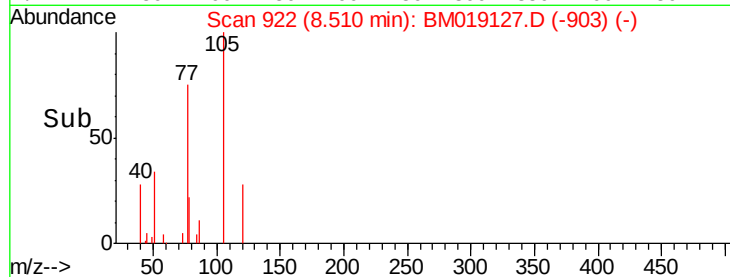
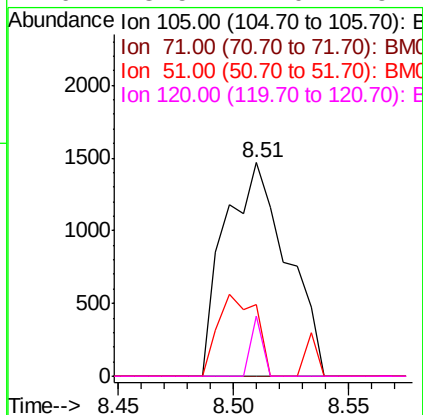
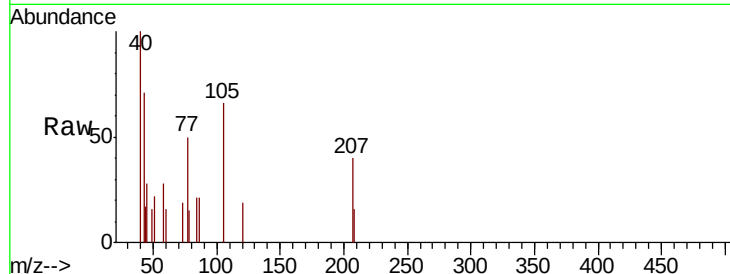




#22
Acetophenone
Concen: 0.108 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

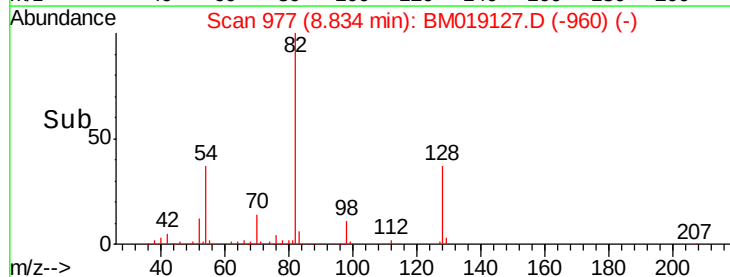
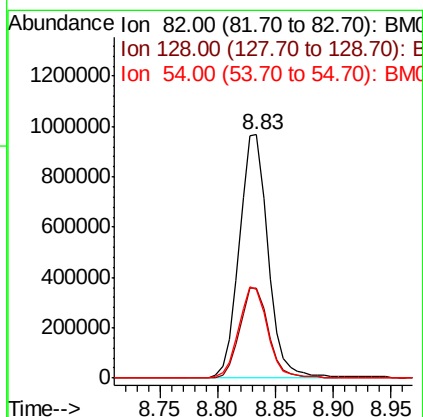
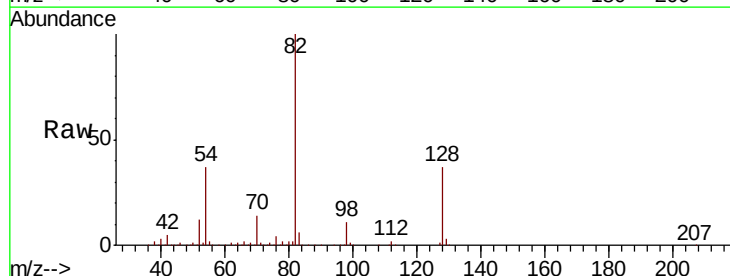
Instrument :
BNA_M
ClientSampleId :
TP-1-S

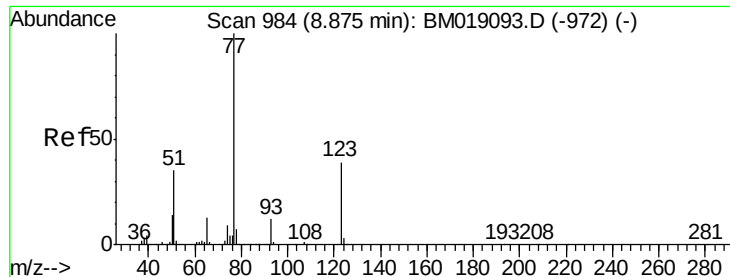
Tot Ion:105 Resp: 2751
Ion Ratio Lower Upper
105 100
71 0.0 0.8 1.2#
51 33.7 15.8 23.6#
120 28.5 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 86.391 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion: 82 Resp: 1679857
Ion Ratio Lower Upper
82 100
128 37.2 29.4 44.2
54 36.6 29.9 44.9





#24

Nitrobenzene

Concen: 0.278 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.04 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

BNA_M

ClientSampled :

TP-1-S

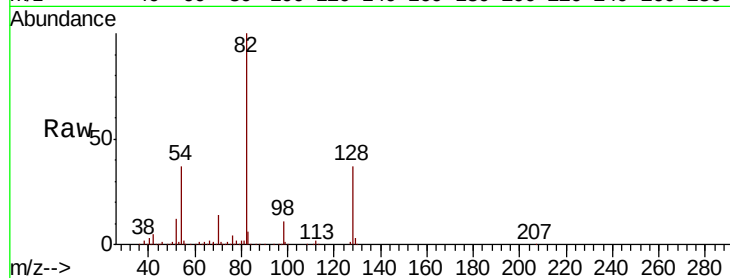
Tot Ion: 77 Resp: 5614

Ion Ratio Lower Upper

77 100

123 0.0 31.3 46.9#

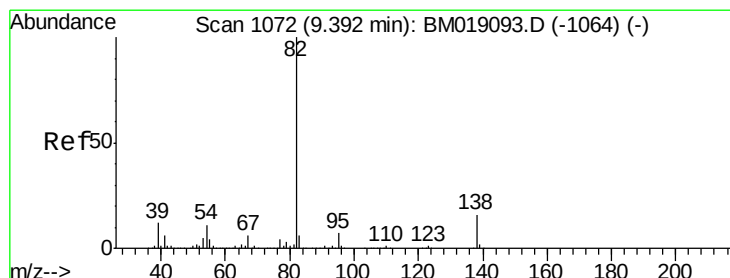
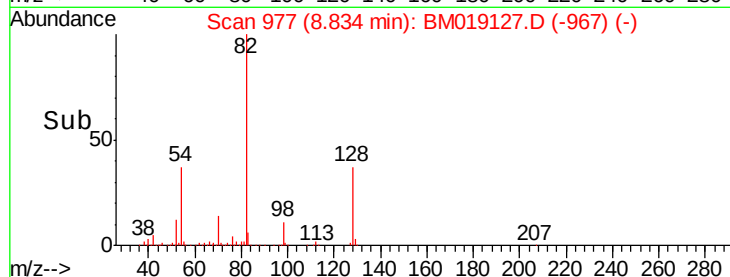
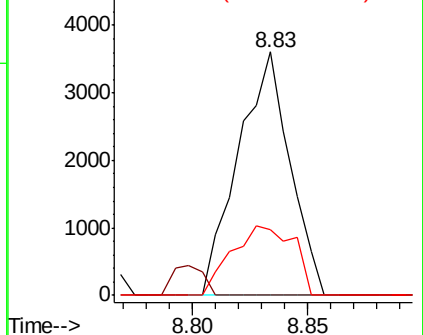
65 27.0 10.5 15.7#



Abundance Ion 77.00 (76.70 to 77.70): BM019127.D (-967) (-)

Ion 123.00 (122.70 to 123.70): BM019127.D (-967) (-)

Ion 65.00 (64.70 to 65.70): BM019127.D (-967) (-)



#25

Isophorone

Concen: 0.012 ng

RT: 9.38 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

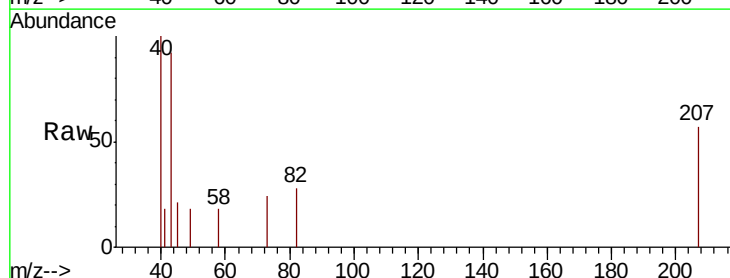
Tgt Ion: 82 Resp: 436

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

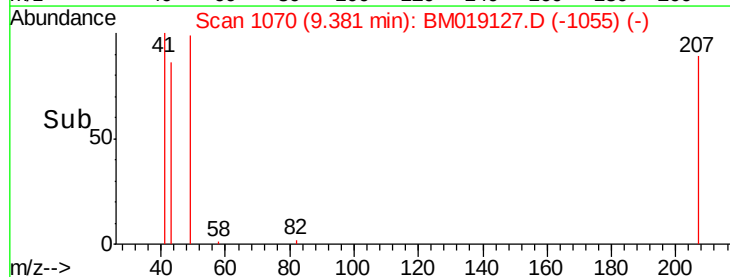
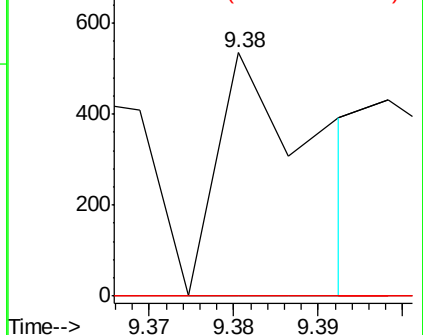
138 0.0 12.6 18.8#

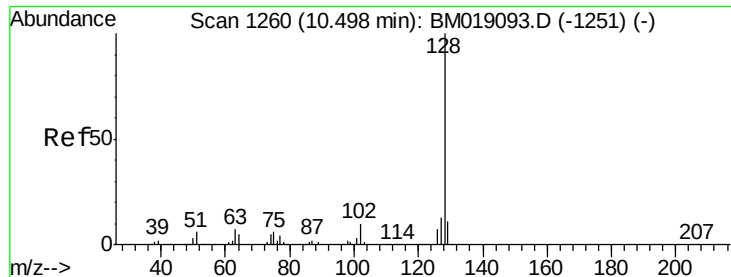


Abundance Ion 82.00 (81.70 to 82.70): BM019127.D (-1055) (-)

Ion 95.00 (94.70 to 95.70): BM019127.D (-1055) (-)

Ion 138.00 (137.70 to 138.70): BM019127.D (-1055) (-)

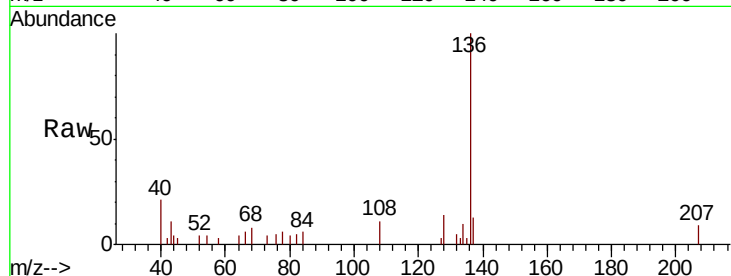




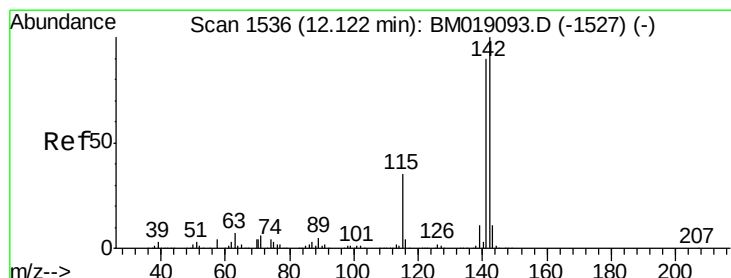
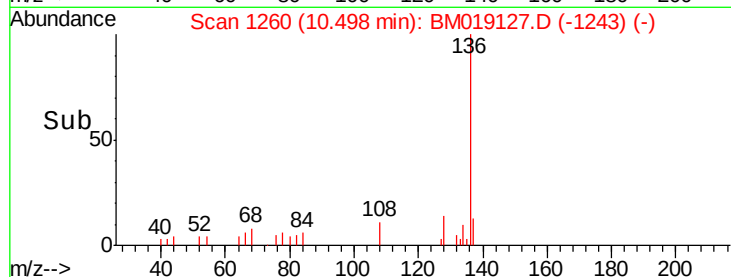
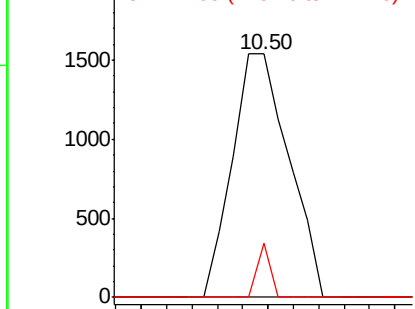
#31
Naphthalene
Concen: 0.050 ng
RT: 10.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Instrument :
BNA_M
ClientSampleId :
TP-1-S

Tot Ion:128 Resp: 2399
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 22.0 10.4 15.6#

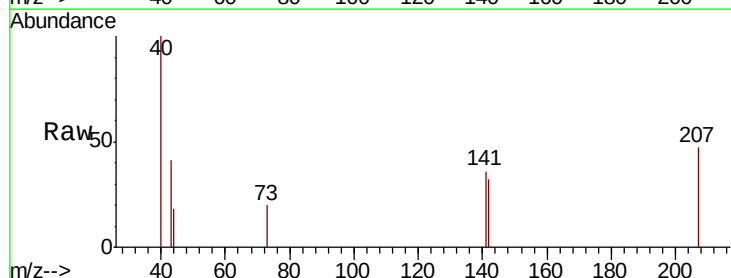


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

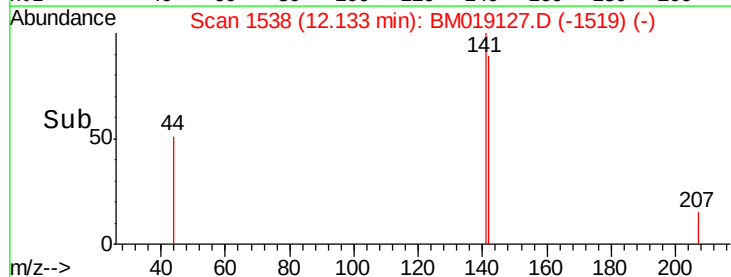
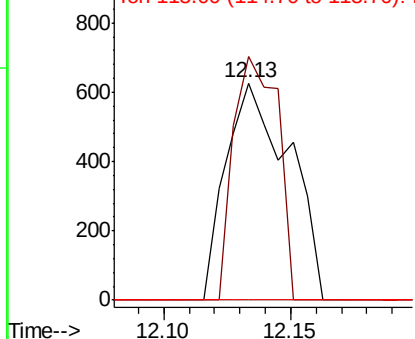


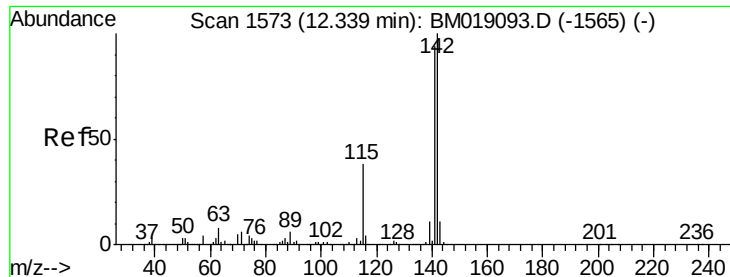
#37
2-Methylnaphthalene
Concen: 0.031 ng
RT: 12.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion:142 Resp: 1092
Ion Ratio Lower Upper
142 100
141 112.3 72.3 108.5#
115 0.0 27.8 41.8#



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

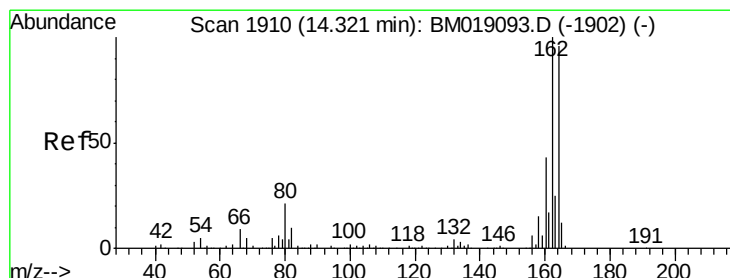
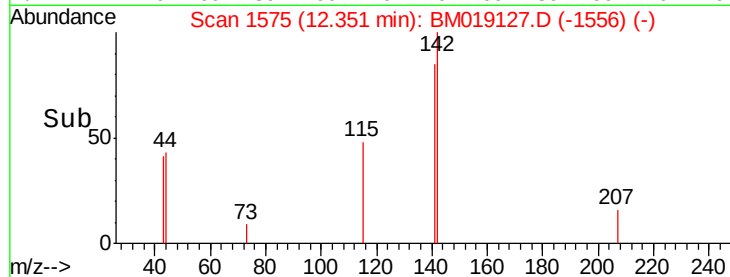
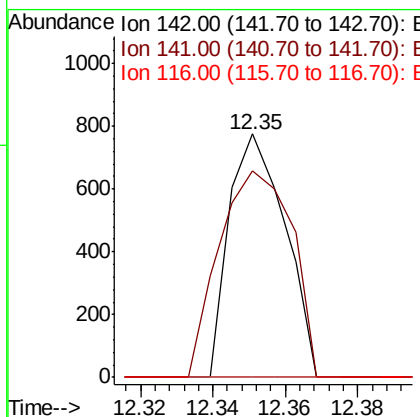
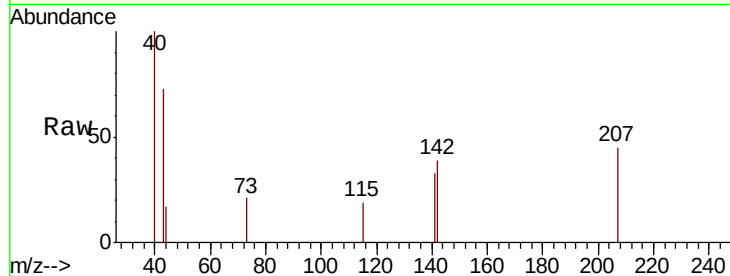




#38
1-Methylnaphthalene
Concen: 0.024 ng
RT: 12.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

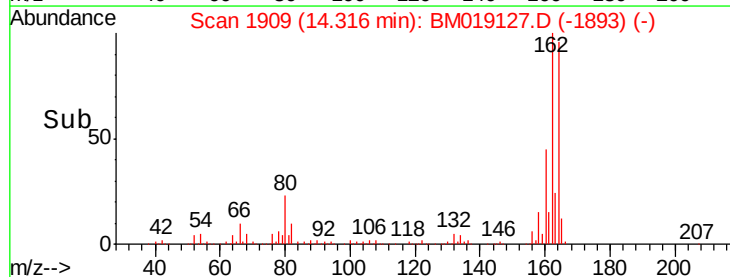
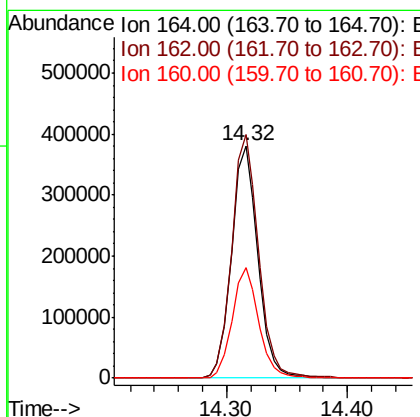
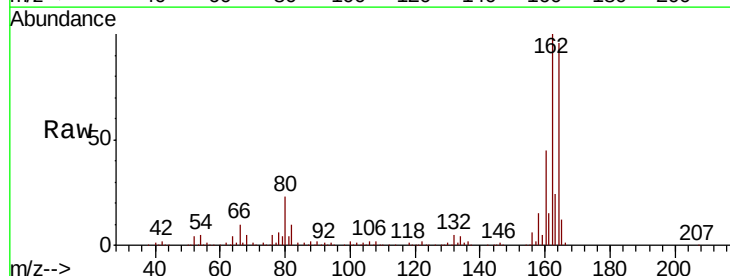
Instrument :
BNA_M
ClientSampled :
TP-1-S

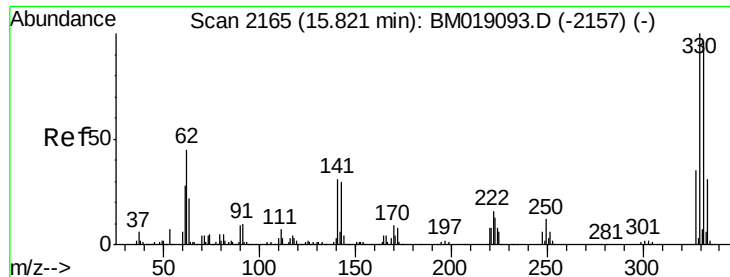
Tot Ion:142 Resp: 831
Ion Ratio Lower Upper
142 100
141 84.7 74.9 112.3
116 0.0 3.2 4.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion:164 Resp: 579215
Ion Ratio Lower Upper
164 100
162 104.6 83.5 125.3
160 47.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 150.375 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

BNA_M

ClientSampleId :

TP-1-S

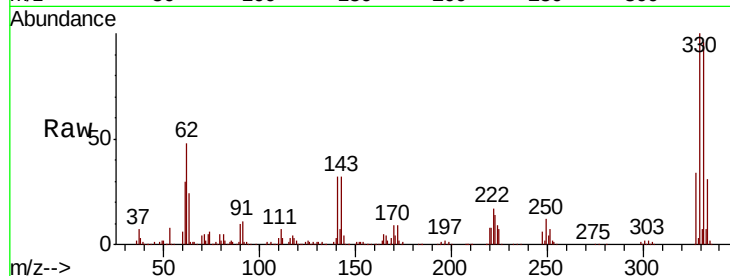
Tot Ion:330 Resp: 1285992

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 33.3 27.0 40.4

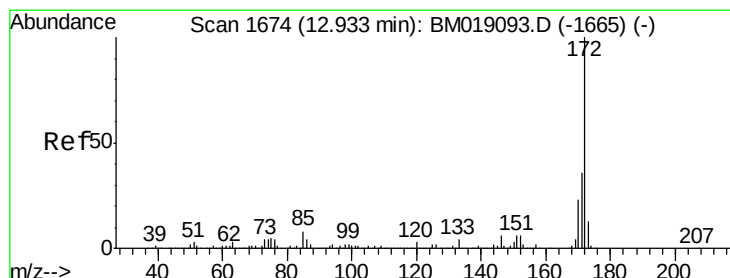
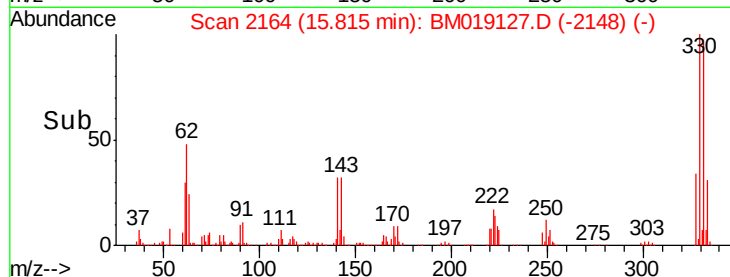
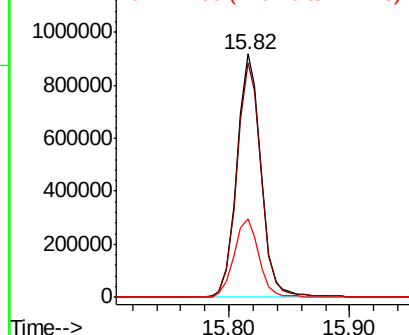


Abundance

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: 82.276 ng

RT: 12.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

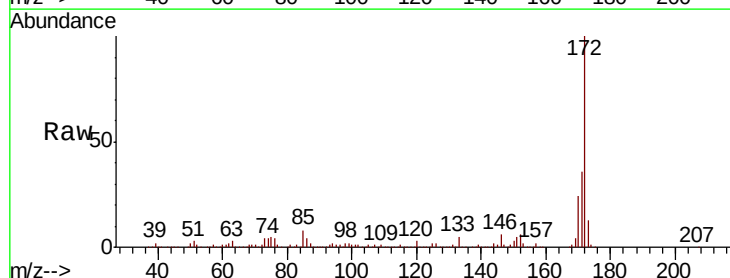
Tgt Ion:172 Resp: 3663649

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.5 18.6 28.0

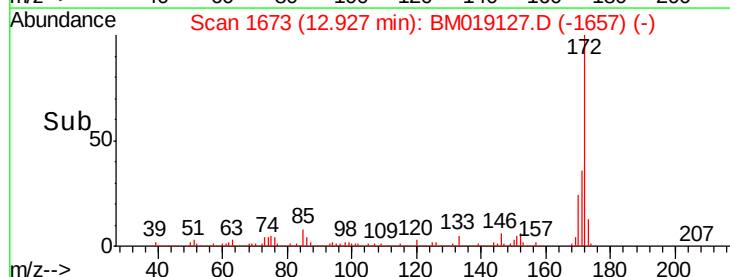
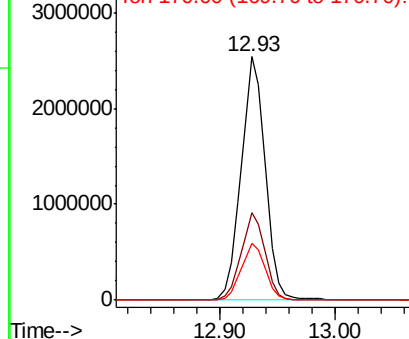


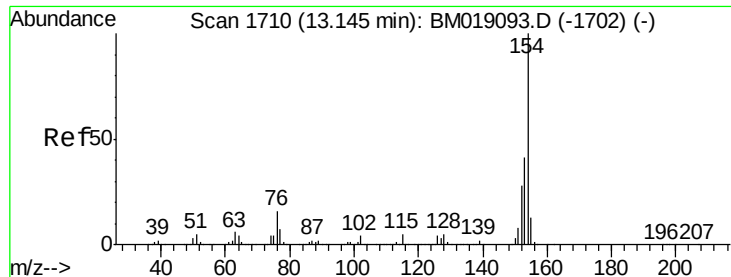
Abundance

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

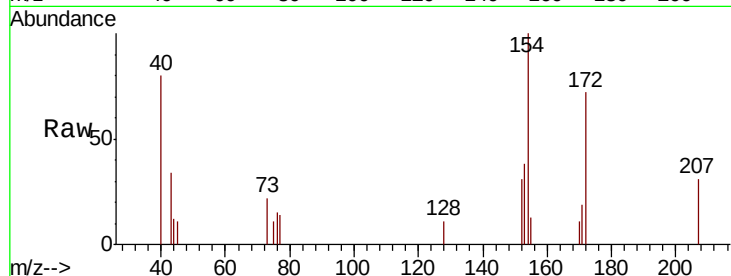




#46
 1,1'-Biphenyl
 Concen: 0.093 ng
 RT: 13.15 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BM019127.D
 Acq: 13 Mar 2019 01:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
154	100		
153	37.6	21.5	61.5
76	15.4	0.0	35.8

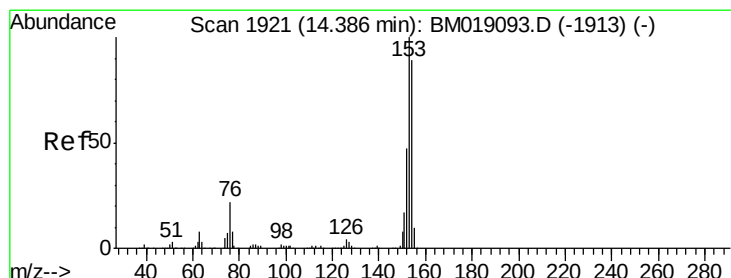
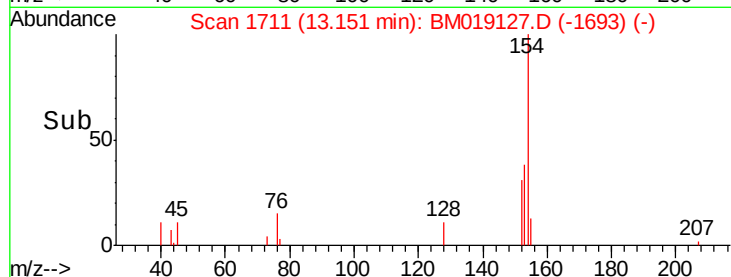
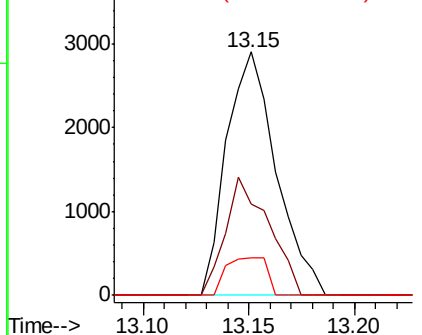


Abundance

Ion 154.00 (153.70 to 154.70): E

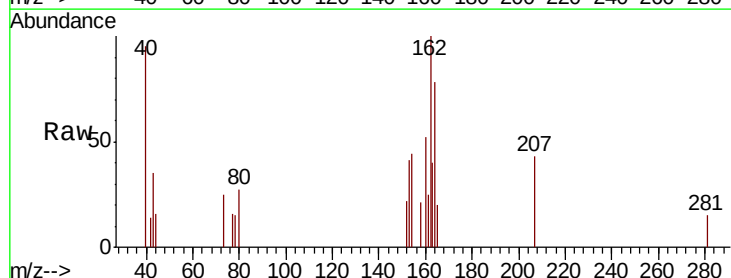
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#52
 Acenaphthene
 Concen: 0.040 ng
 RT: 14.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BM019127.D
 Acq: 13 Mar 2019 01:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	94.9	90.1	135.1
152	49.5	42.5	63.7

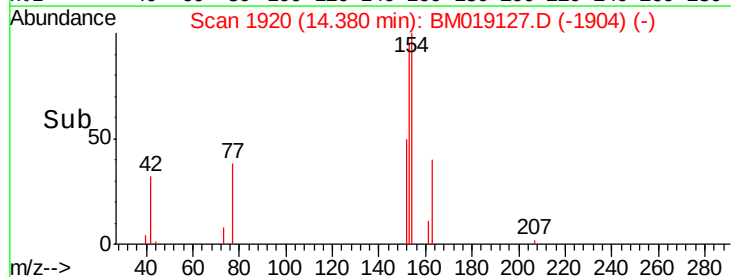
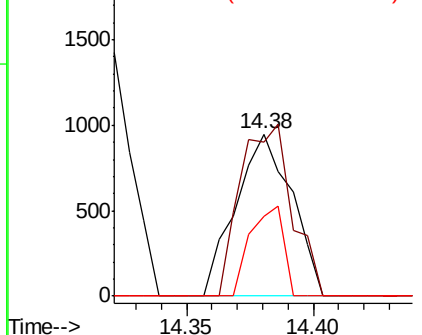


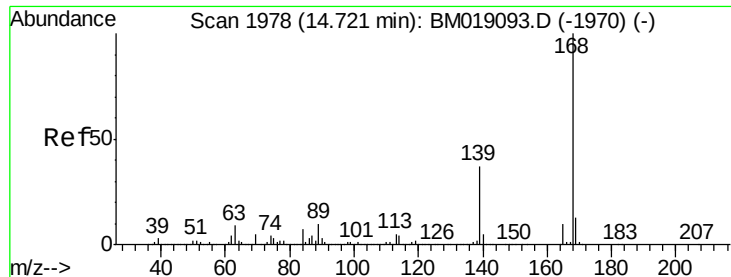
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzofuran

Concen: 0.009 ng

RT: 14.74 min Scan# 1982

Delta R.T. 0.02 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

BNA_M

ClientSampleId :

TP-1-S

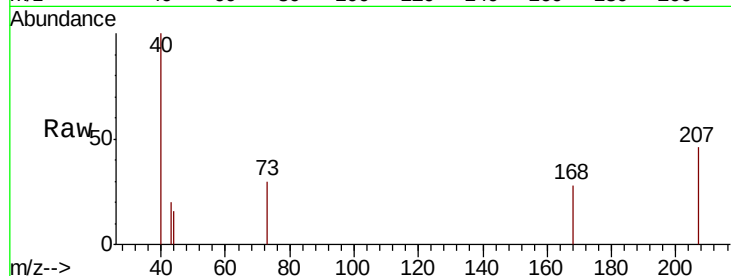
Tot Ion:168 Resp: 550

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

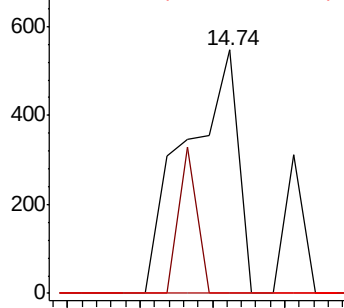
169 0.0 10.6 16.0#



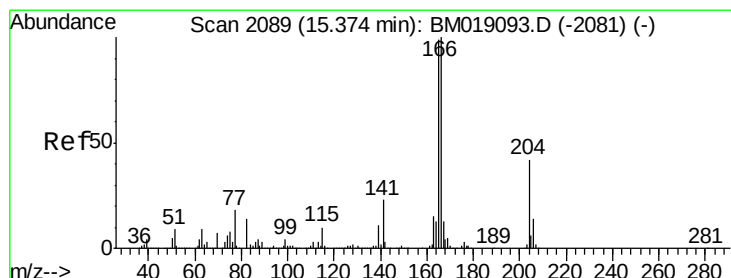
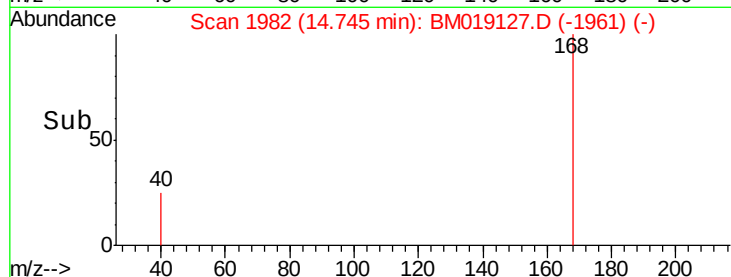
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time--> 14.70 14.72 14.74 14.76



#58

Fluorene

Concen: 0.026 ng

RT: 15.39 min Scan# 2091

Delta R.T. 0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

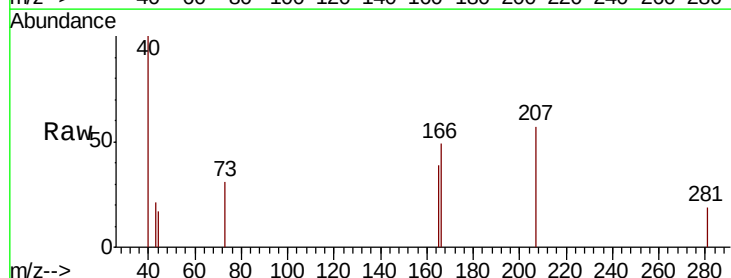
Tgt Ion:166 Resp: 1248

Ion Ratio Lower Upper

166 100

165 80.1 79.0 118.4

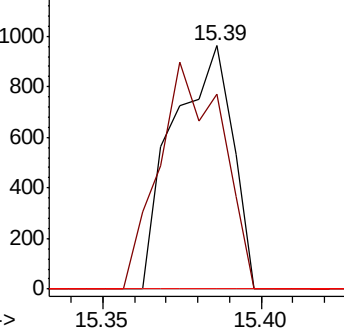
167 0.0 10.8 16.2#



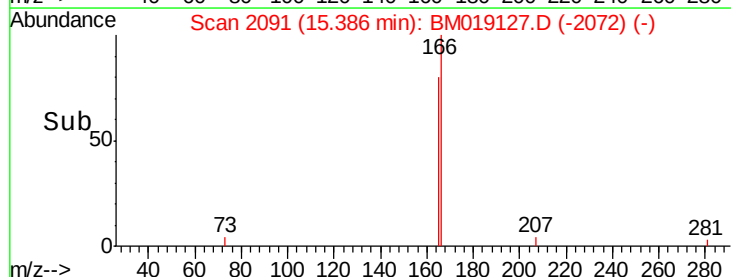
Abundance Ion 166.00 (165.70 to 166.70): E

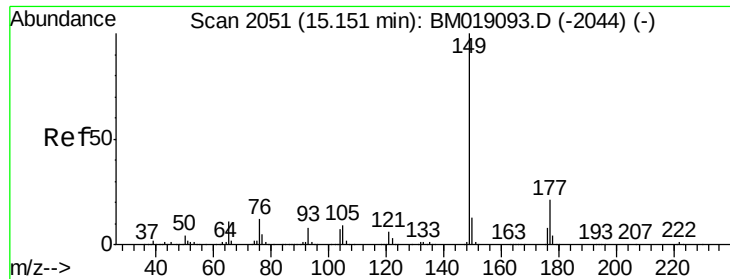
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.35 15.40





#60

Diethylphthalate

Concen: 0.017 ng

RT: 15.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

BNA_M

ClientSampleId :

TP-1-S

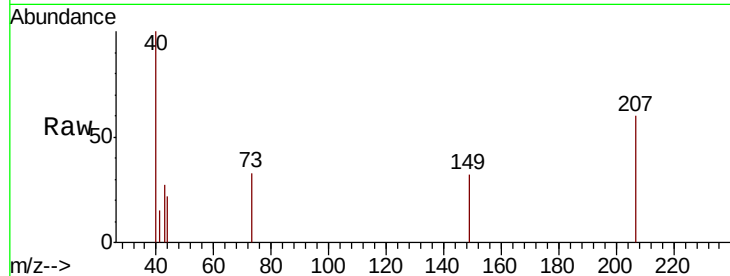
Tot Ion: 149 Resp: 847

Ion Ratio Lower Upper

149 100

177 0.0 17.0 25.6#

150 0.0 10.2 15.4#

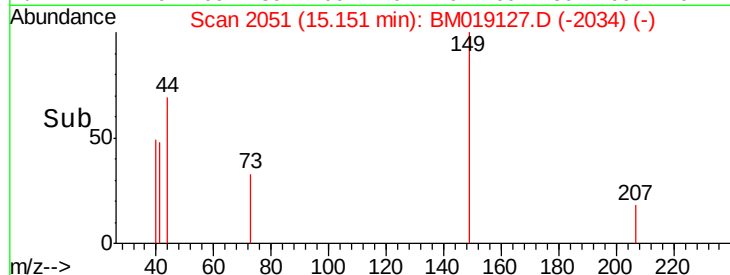
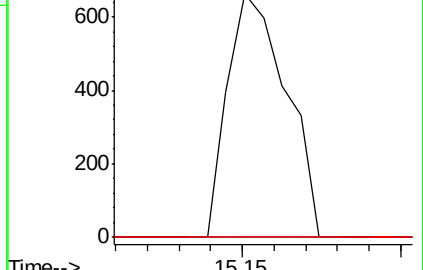


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.15



#63

Azobenzene

Concen: 0.002 ng

RT: 15.67 min Scan# 2139

Delta R.T. 0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Tgt Ion: 77 Resp: 127

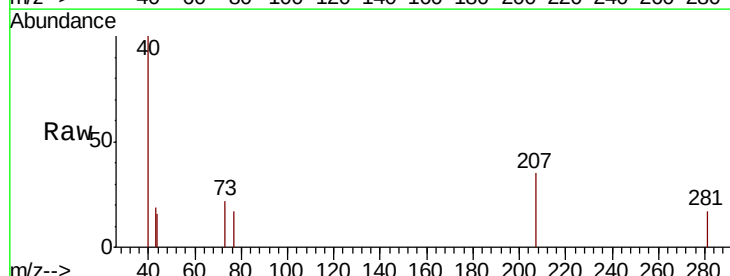
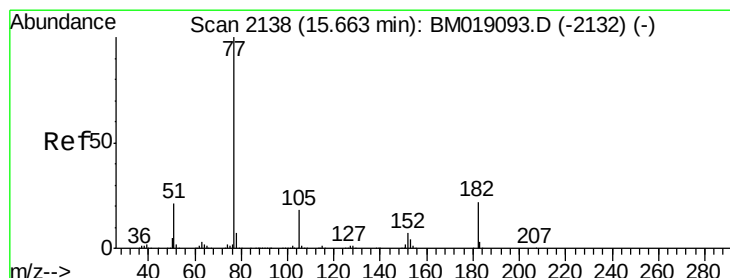
Ion Ratio Lower Upper

77 100

182 0.0 1.8 41.8#

105 0.0 0.0 38.3

51 0.0 0.8 40.8#



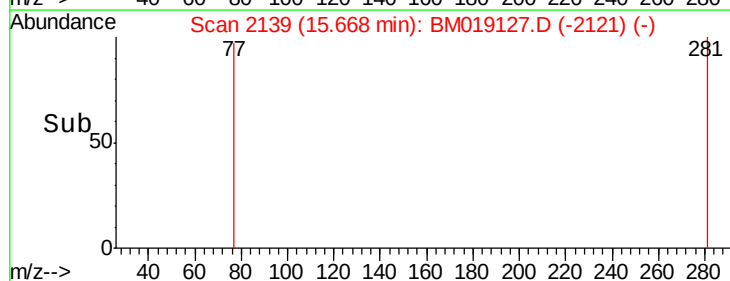
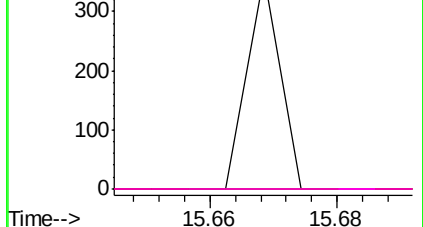
Abundance Ion 77.00 (76.70 to 77.70): BM0

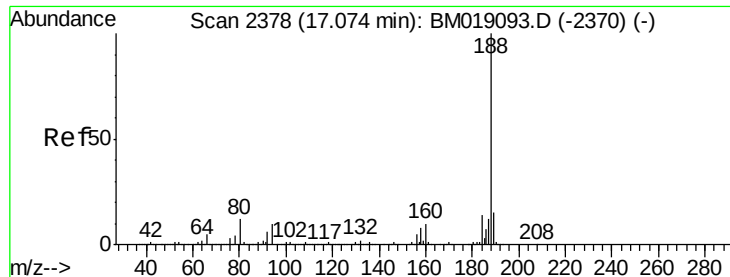
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

15.67

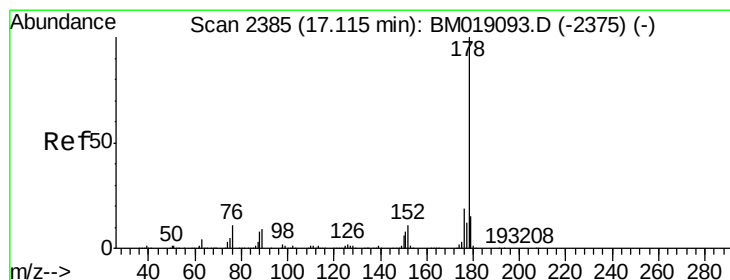
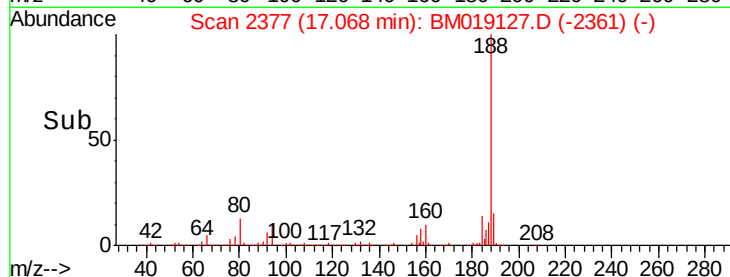
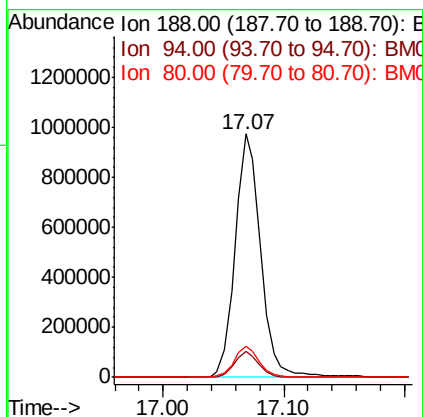
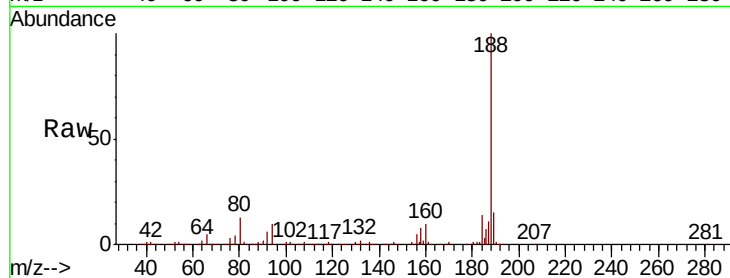




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

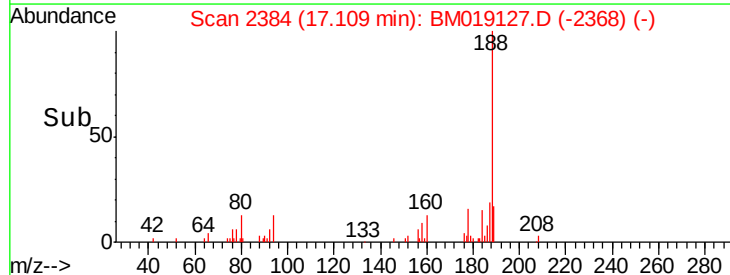
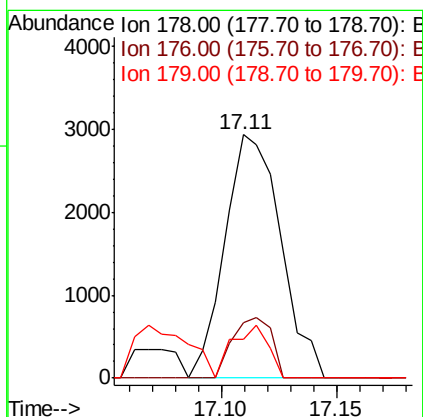
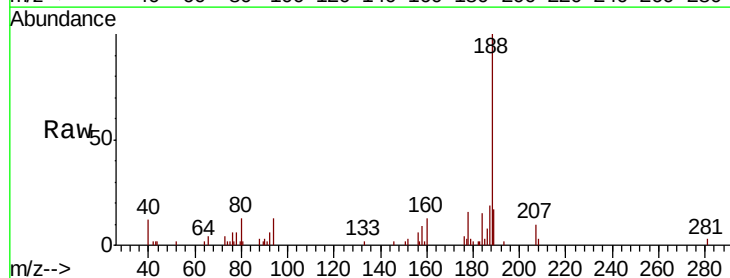
Instrument :
BNA_M
ClientSampleId :
TP-1-S

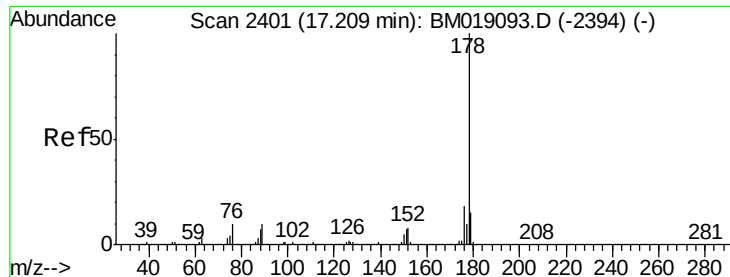
Tot Ion:188 Resp: 1433544
Ion Ratio Lower Upper
188 100
94 10.5 8.1 12.1
80 12.6 9.7 14.5



#71
Phenanthrene
Concen: 0.059 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion:178 Resp: 4950
Ion Ratio Lower Upper
178 100
176 22.7 15.3 22.9
179 16.1 12.2 18.2





#72

Anthracene

Concen: 0.001 ng

RT: 17.22 min Scan# 2402

Delta R.T. 0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

BNA_M

ClientSampleId :

TP-1-S

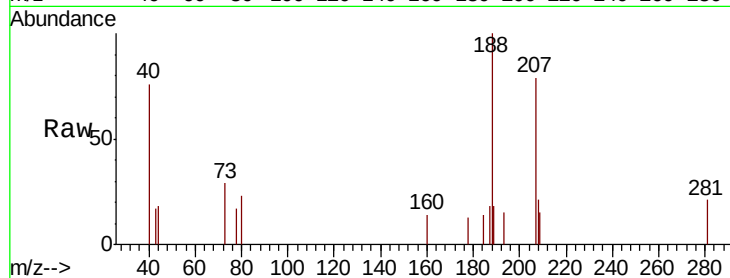
Tot Ion:178 Resp: 117

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

179 0.0 11.9 17.9#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.22

300

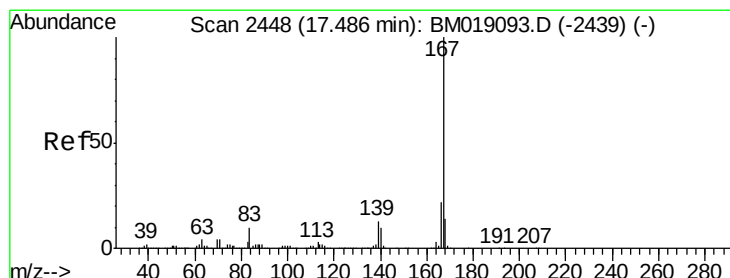
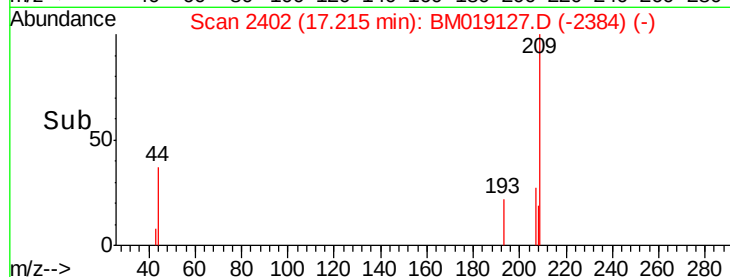
200

100

0

Time-->

17.20 17.22



#73

Carbazole

Concen: 0.003 ng

RT: 17.51 min Scan# 2452

Delta R.T. 0.02 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

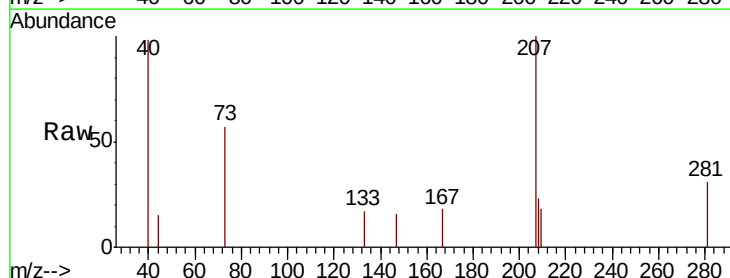
Tgt Ion:167 Resp: 236

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

17.51

400

300

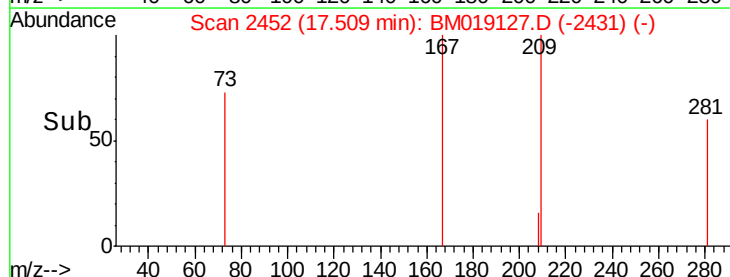
200

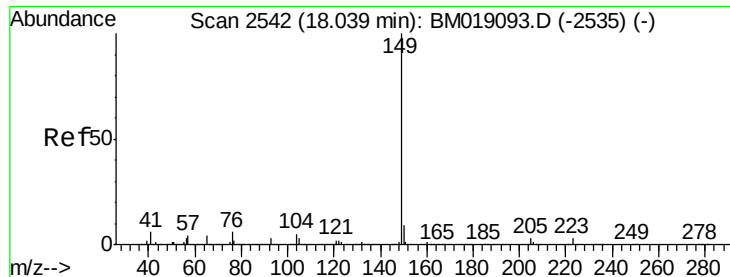
100

0

Time-->

17.50 17.52 17.54

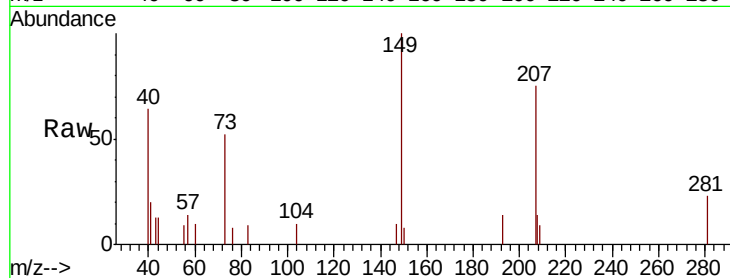




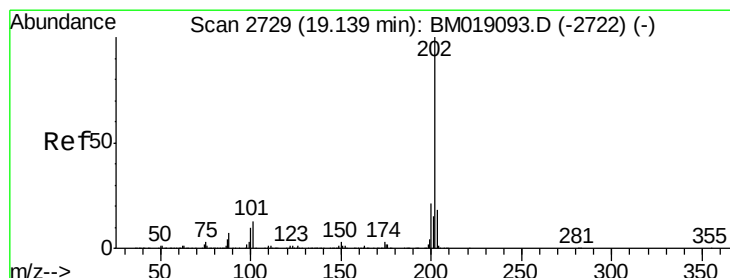
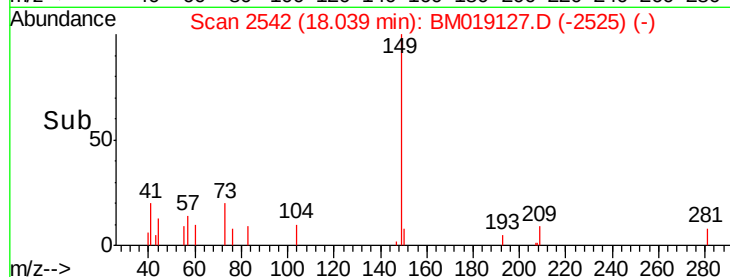
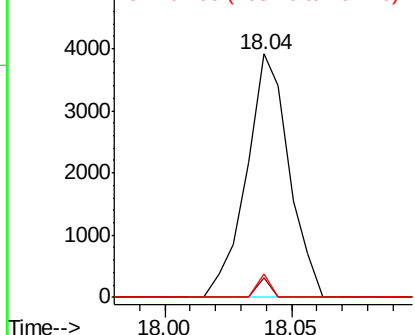
#74
Di-n-butylphthalate
Concen: 0.049 ng
RT: 18.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Instrument :
BNA_M
ClientSampleId :
TP-1-S

Tot Ion:149 Resp: 4574
Ion Ratio Lower Upper
149 100
150 8.3 7.4 11.0
104 9.6 4.2 6.4#

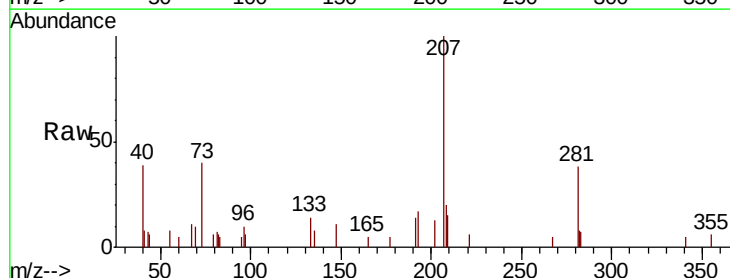


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

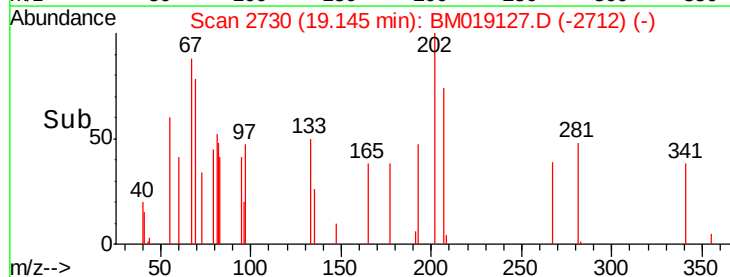
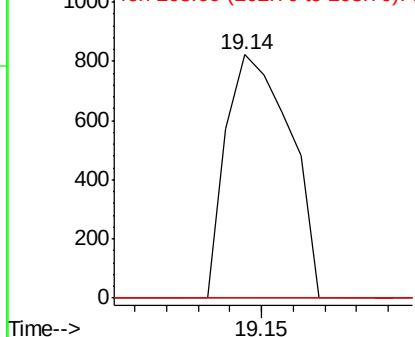


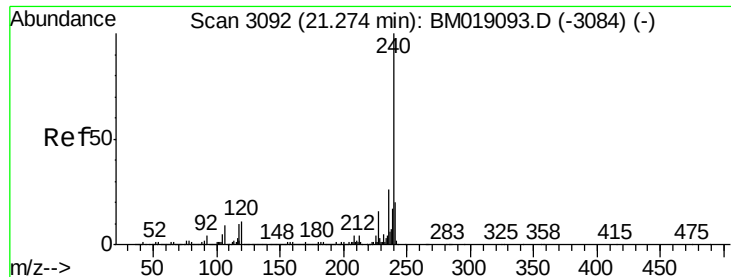
#75
Fluoranthene
Concen: 0.012 ng
RT: 19.14 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion:202 Resp: 1152
Ion Ratio Lower Upper
202 100
101 0.0 0.0 33.0
203 0.0 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

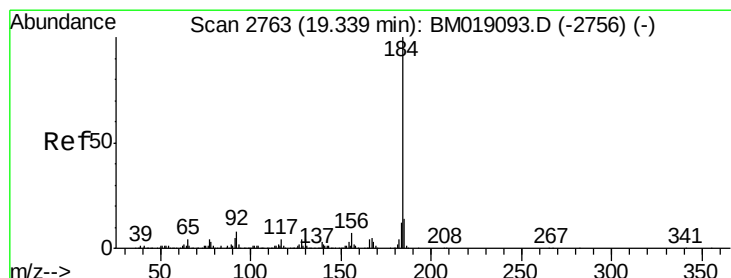
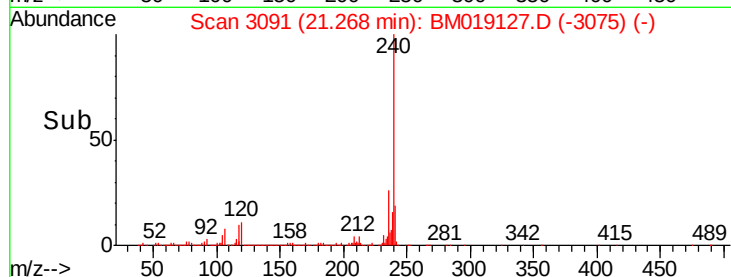
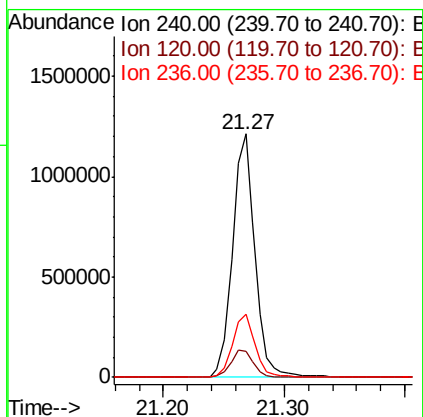
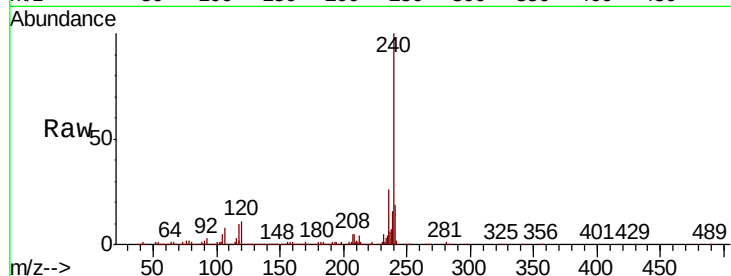




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

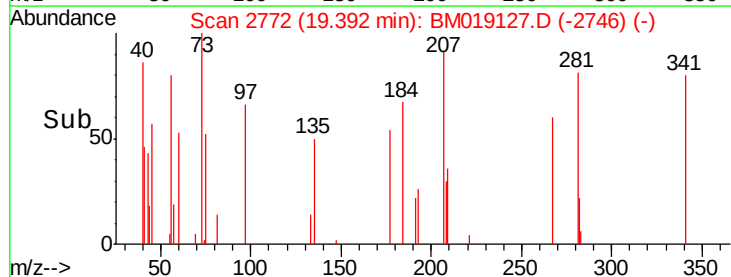
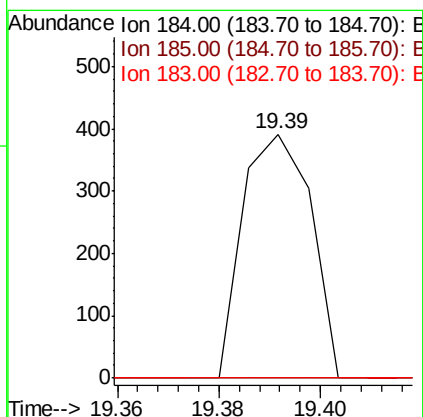
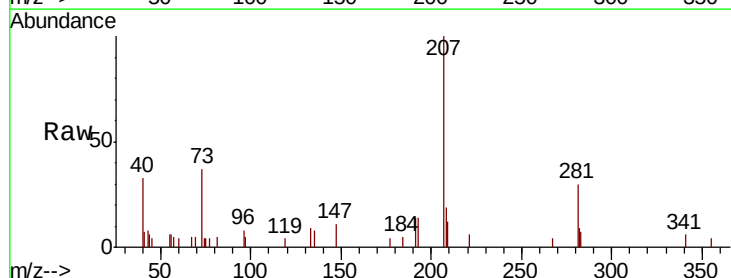
Instrument :
BNA_M
ClientSampleId :
TP-1-S

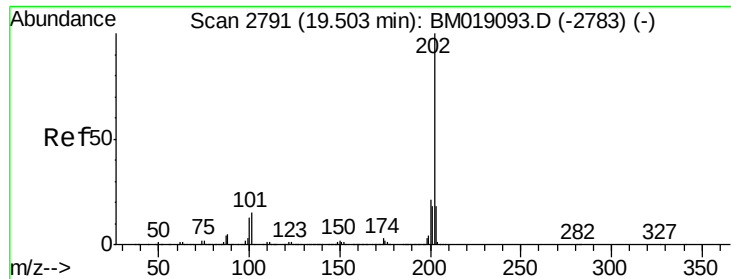
Tot Ion:240 Resp: 1562965
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.2 21.0 31.4



#77
Benzidine
Concen: 0.008 ng
RT: 19.39 min Scan# 2772
Delta R.T. 0.05 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion:184 Resp: 364
Ion Ratio Lower Upper
184 100
185 0.0 11.0 16.4#
183 0.0 9.8 14.6#





#78

Pvrene

Concen: 0.011 ng

RT: 19.51 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

BNA_M

ClientSampleId :

TP-1-S

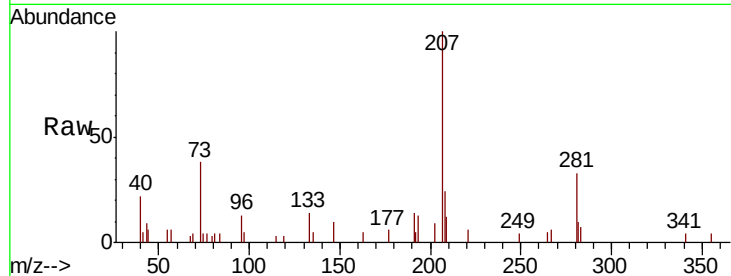
Tot Ion:202 Resp: 1059

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

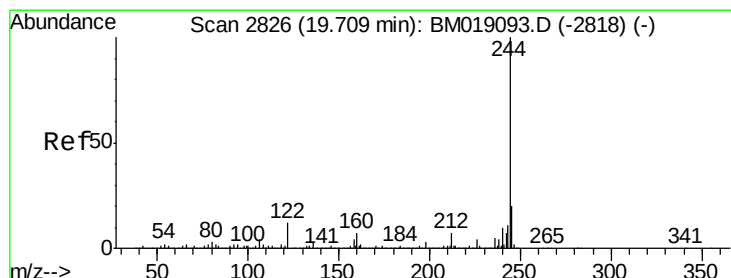
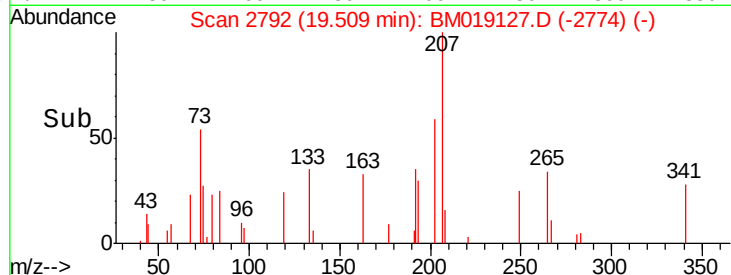
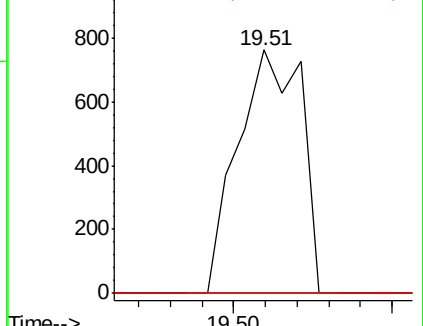
203 0.0 14.0 21.0#



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: 93.833 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

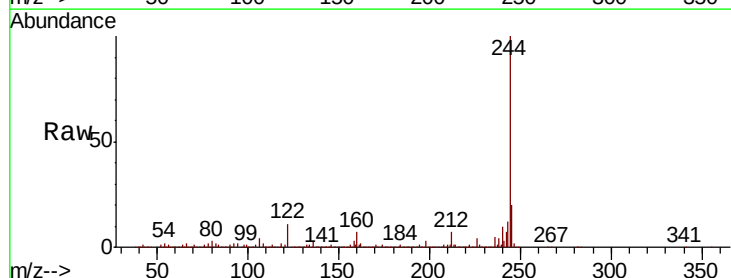
Tgt Ion:244 Resp: 7387516

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

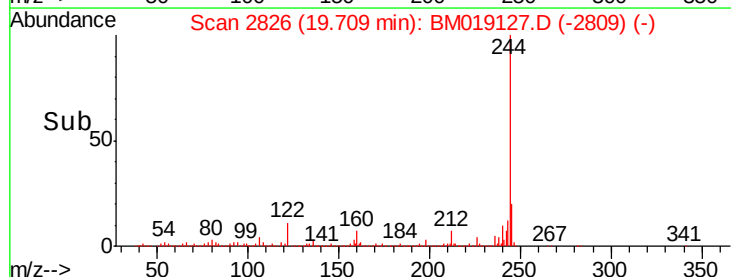
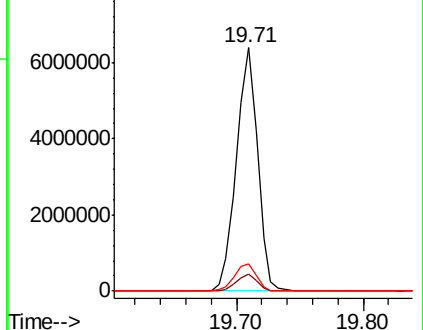
122 11.3 9.4 14.2

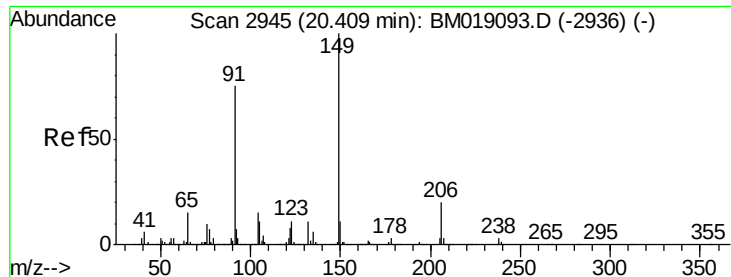


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

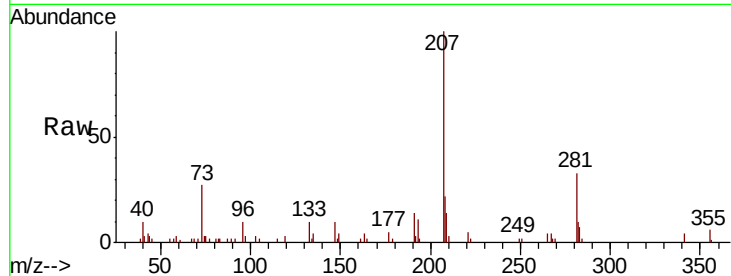




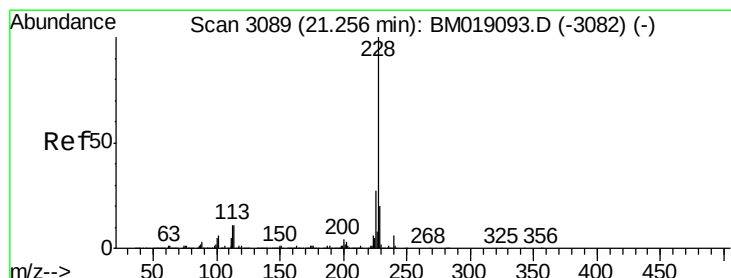
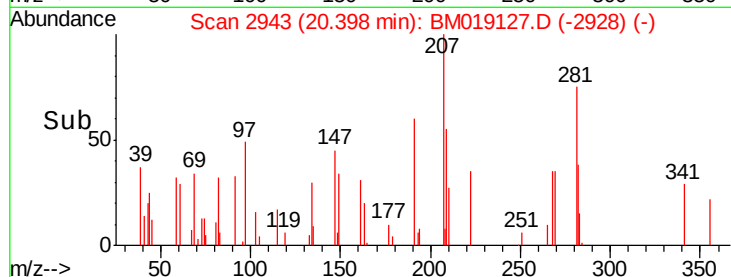
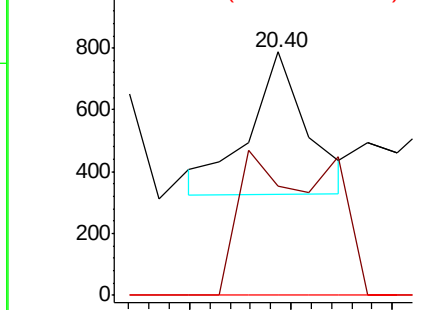
#80
 Butylbenzylphthalate
 Concen: 0.008 ng
 RT: 20.40 min Scan# 2943
 Delta R.T. -0.01 min
 Lab File: BM019127.D
 Acq: 13 Mar 2019 01:50

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-S

Tot Ion:149 Resp: 361
 Ion Ratio Lower Upper
 149 100
 91 44.7 60.1 90.1#
 206 0.0 16.2 24.2#

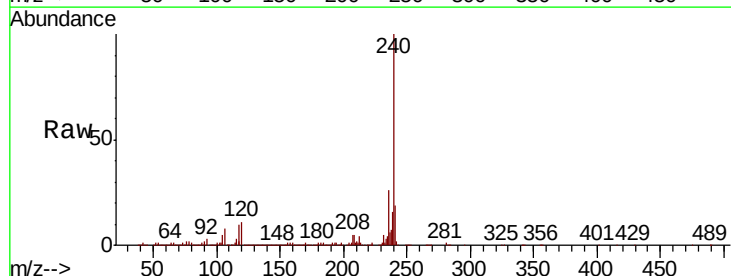


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E

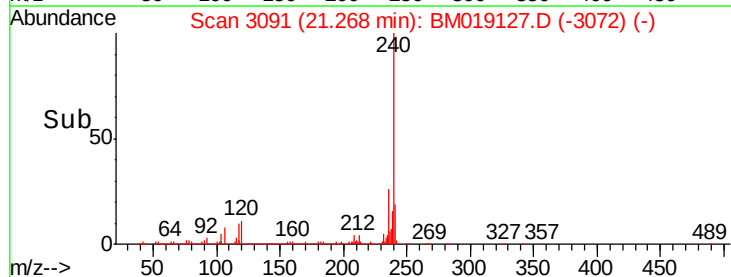
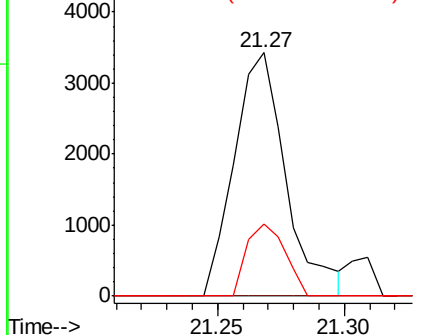


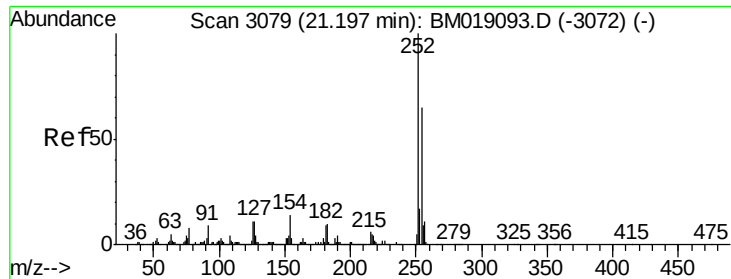
#81
 Benzo(a)anthracene
 Concen: 0.050 ng
 RT: 21.27 min Scan# 3091
 Delta R.T. 0.01 min
 Lab File: BM019127.D
 Acq: 13 Mar 2019 01:50

Tgt Ion:228 Resp: 4880
 Ion Ratio Lower Upper
 228 100
 226 0.0 21.8 32.8#
 229 29.5 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: 0.018 ng

RT: 21.22 min Scan# 3082

Delta R.T. 0.02 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

Instrument :

BNA_M

ClientSampleId :

TP-1-S

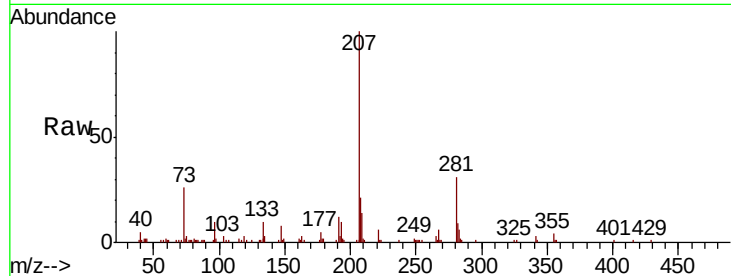
Tot Ion:252 Resp: 682

Ion Ratio Lower Upper

252 100

254 74.7 52.4 78.6

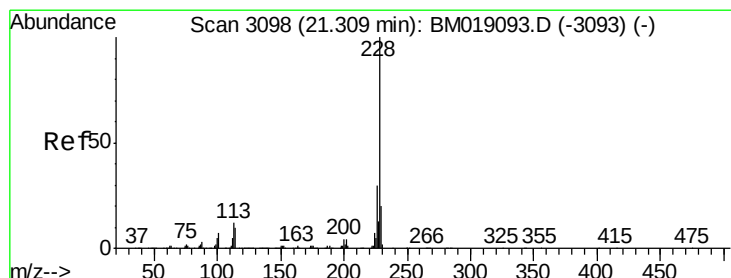
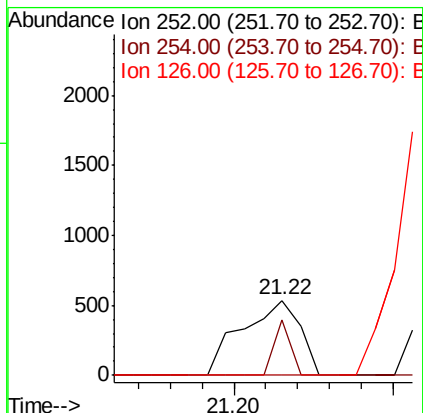
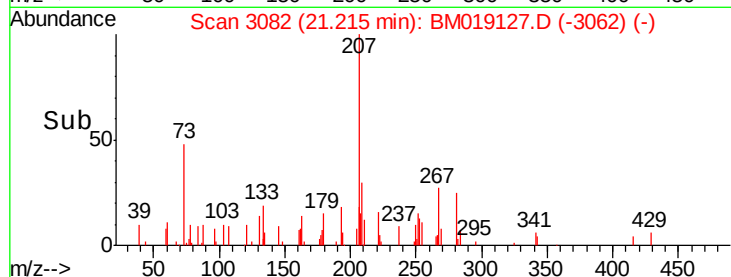
126 0.0 9.0 13.6#



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: 0.051 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.04 min

Lab File: BM019127.D

Acq: 13 Mar 2019 01:50

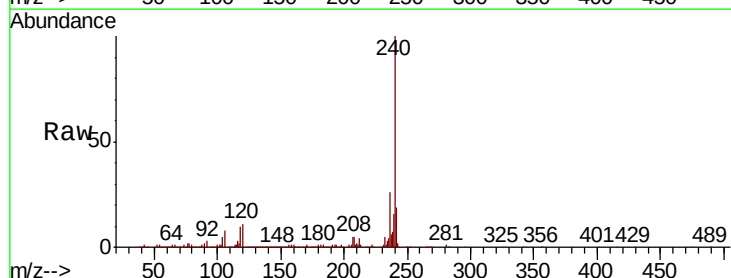
Tgt Ion:228 Resp: 4880

Ion Ratio Lower Upper

228 100

226 0.0 23.8 35.8#

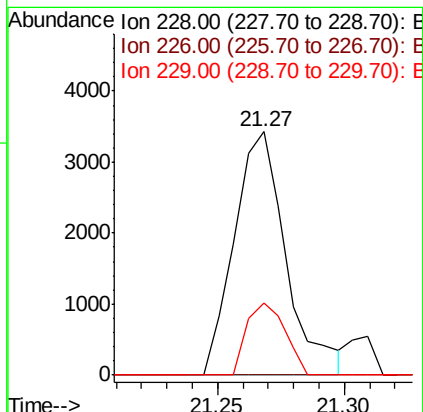
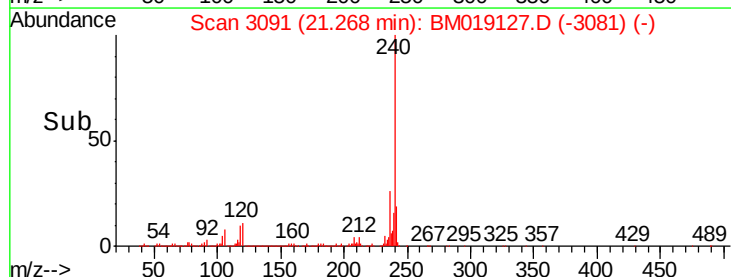
229 29.5 15.7 23.5#

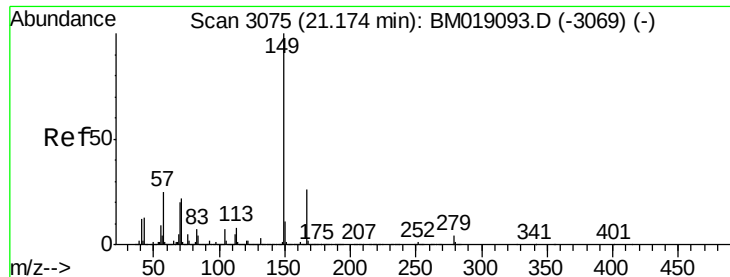


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

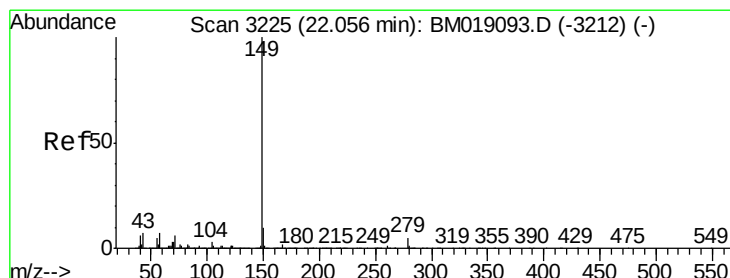
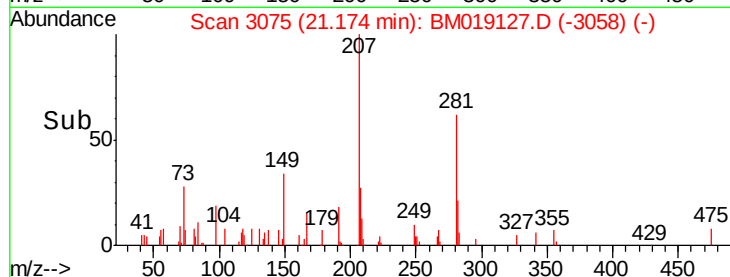
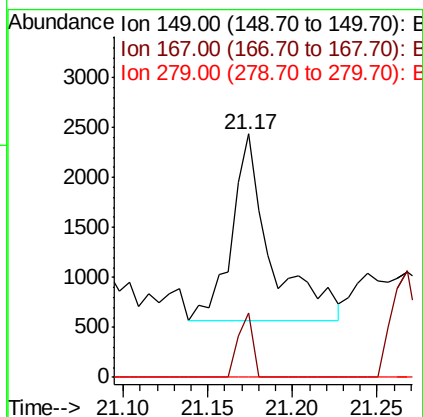
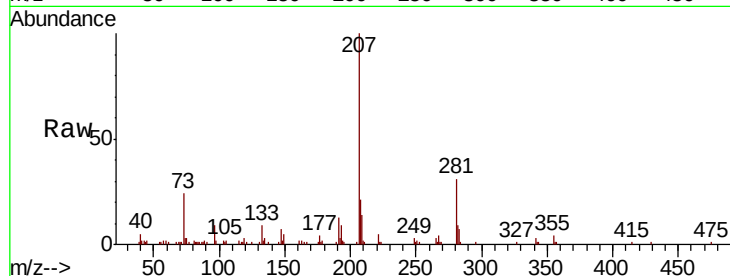




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.17 min Scan# 3075
 Delta R.T. 0.00 min
 Lab File: BM019127.D
 Acq: 13 Mar 2019 01:50

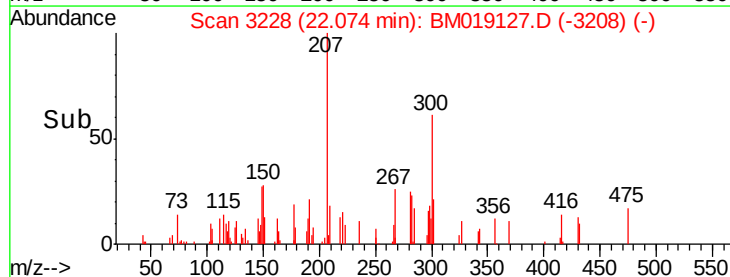
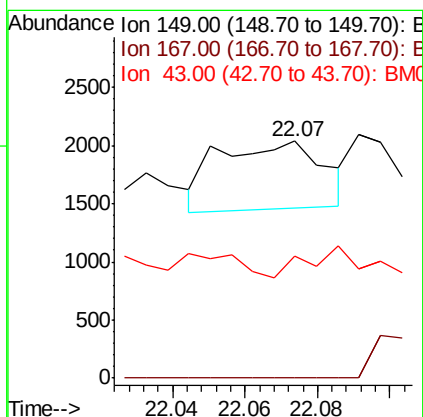
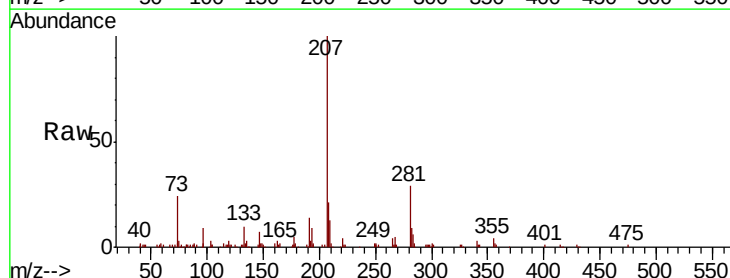
Instrument :
 BNA_M
 ClientSampleId :
 TP-1-S

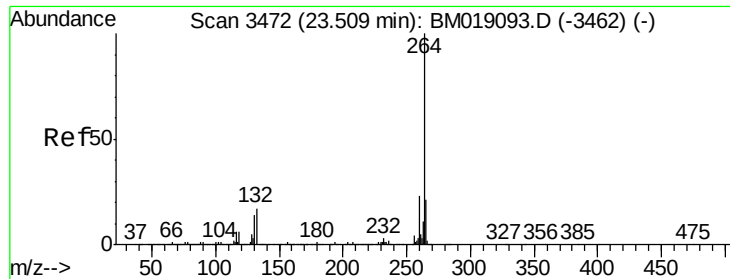
Tot Ion:149 Resp: 3040
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.1 31.7
 279 0.0 3.2 4.8#



#85
 Di-n-octyl phthalate
 Concen: 0.011 ng
 RT: 22.07 min Scan# 3228
 Delta R.T. 0.02 min
 Lab File: BM019127.D
 Acq: 13 Mar 2019 01:50

Tgt Ion:149 Resp: 1180
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 6.1 9.1#



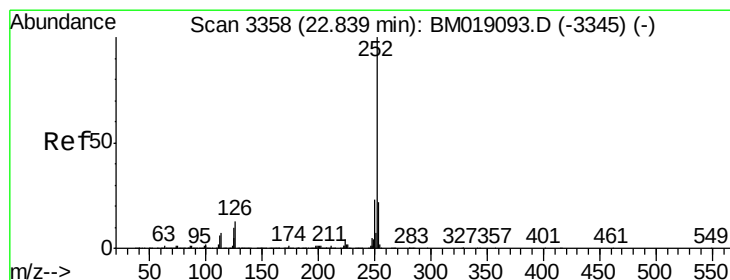
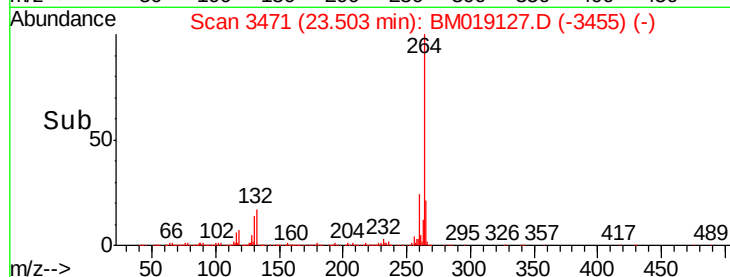
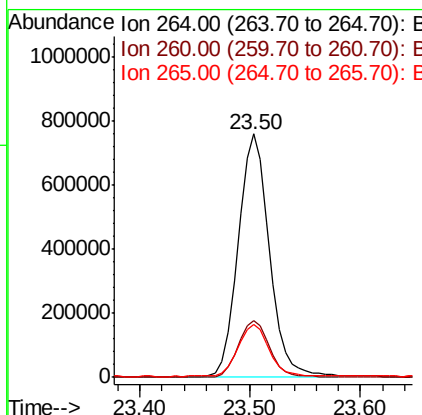
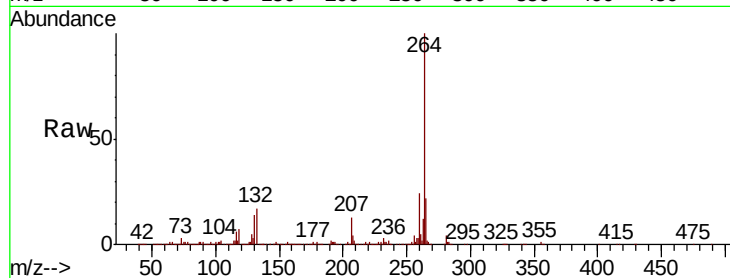


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Instrument :
BNA_M
ClientSampled :
TP-1-S

Tot Ion:264 Resp: 1509583

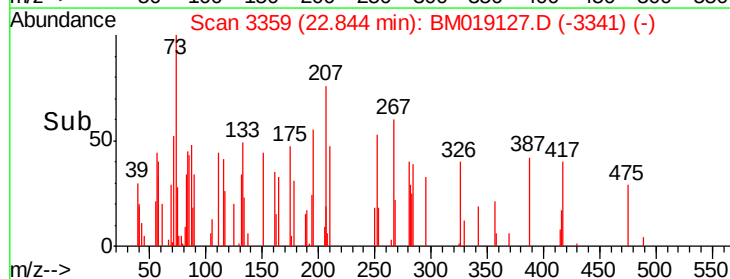
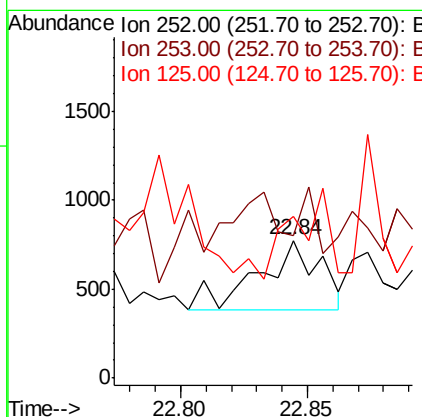
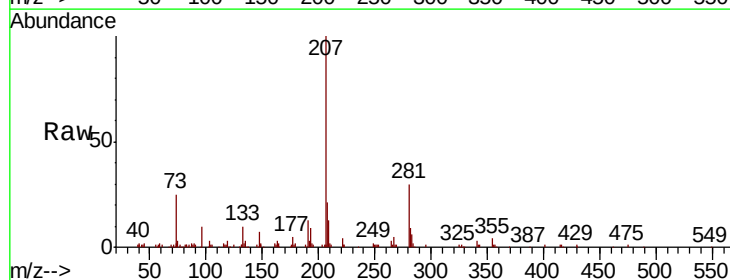
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.8	17.3	25.9

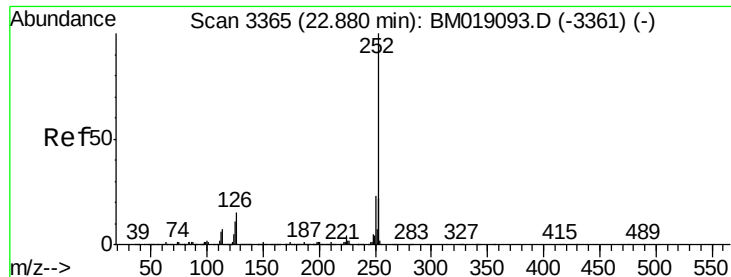


#88
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 22.84 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion:252 Resp: 657

Ion	Ratio	Lower	Upper
252	100		
253	103.7	17.6	26.4#
125	117.0	8.1	12.1#

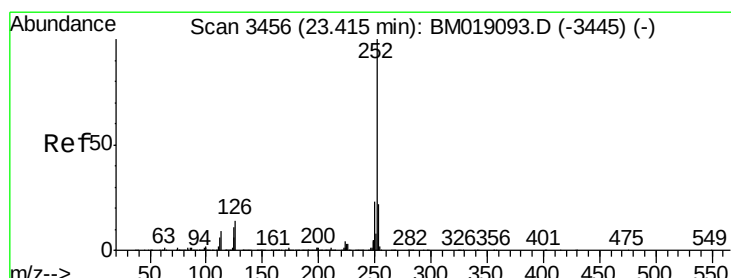
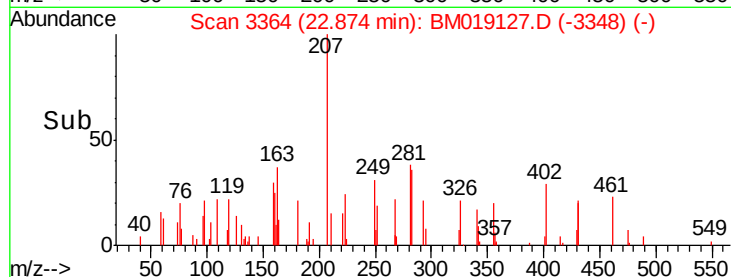
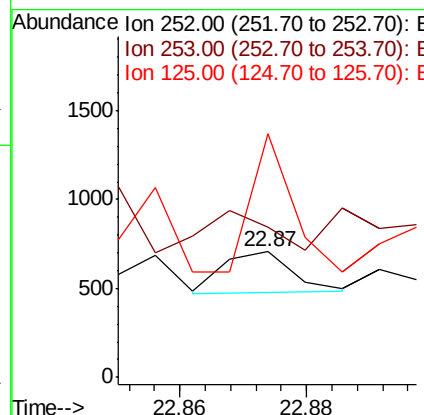
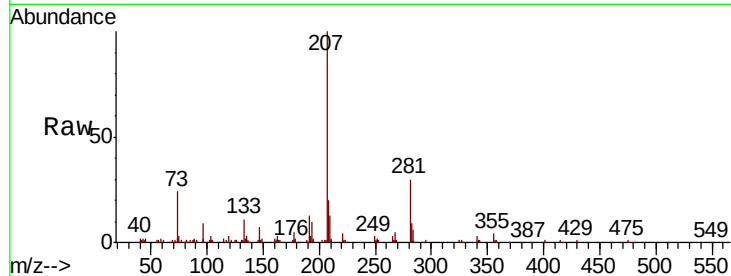




#89
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.87 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Instrument :
BNA_M
ClientSampleID :
TP-1-S

Tot Ion:252 Resp: 173
Ion Ratio Lower Upper
252 100
253 119.6 17.6 26.4#
125 194.2 8.8 13.2#



#90
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.43 min Scan# 3459
Delta R.T. 0.02 min
Lab File: BM019127.D
Acq: 13 Mar 2019 01:50

Tgt Ion:252 Resp: 155
Ion Ratio Lower Upper
252 100
253 150.5 17.4 26.2#
125 87.1 9.2 13.8#

