

Data File : BM020562.D
Acq On : 25 May 2019 03:56
Operator : JU/SJ
Sample : K2647-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Quant Time: May 25 05:32:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	70269	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	264095	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	201493	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	563887	20.00	ng	0.00
76) Chrysene-d12	21.26	240	531646	20.00	ng	-0.01
87) Perylene-d12	23.50	264	539503	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	213113	59.50	ng	0.00
7) Phenol-d6	6.84	99	294429	54.46	ng	0.00
23) Nitrobenzene-d5	8.83	82	189118	30.06	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	215043	53.27	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	522815	32.56	ng	0.00
79) Terphenyl-d14	19.70	244	1169404	39.76	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	180	0.096	ng	# 1
3) Pyridine	3.58	79	663	1.329	ng	# 1
4) n-Nitrosodimethylamine	3.51	42	651	0.490	ng	# 1
9) Benzaldehyde	6.86	77	1332	0.386	ng	# 8
10) Phenol	6.87	94	2837	0.486	ng	# 1
15) Benzyl Alcohol	7.97	79	4028	0.805	ng	# 44
24) Nitrobenzene	8.92	77	106	0.017	ng	# 46
25) Isophorone	9.37	82	630	0.054	ng	# 68
31) Naphthalene	10.50	128	3316	0.243	ng	# 69
37) 2-Methylnaphthalene	12.12	142	3433	0.330	ng	# 92
38) 1-Methylnaphthalene	12.34	142	4024	0.399	ng	# 98
46) 1,1'-Biphenyl	13.15	154	1150	0.074	ng	# 43
49) Acenaphthylene	14.04	152	42133	2.106	ng	# 98
50) Dimethylphthalate	13.77	163	58106	3.256	ng	# 98
52) Acenaphthene	14.38	154	6631	0.550	ng	# 91
55) Dibenzofuran	14.72	168	7580	0.363	ng	# 88
57) 2,4-Dinitrotoluene	14.72	165	133	0.025	ng	# 27
58) Fluorene	15.37	166	17670	1.020	ng	# 95
60) Diethylphthalate	15.14	149	134	0.008	ng	# 56
63) Azobenzene	15.64	77	301	0.018	ng	# 19
66) n-Nitrosodiphenylamine	15.57	169	2979	0.195	ng	# 81
71) Phenanthrene	17.11	178	227737	7.434	ng	# 97
72) Anthracene	17.20	178	75083	2.527	ng	# 100
73) Carbazole	17.49	167	12219	0.479	ng	# 94
74) Di-n-butylphthalate	18.03	149	2041	0.065	ng	# 59
75) Fluoranthene	19.13	202	648276	15.218	ng	# 100
77) Benzidine	19.34	184	460	0.047	ng	# 1
78) Pyrene	19.50	202	634585	19.013	ng	# 99
80) Butylbenzylphthalate	20.40	149	611	0.052	ng	# 24
81) Benzo(a)anthracene	21.24	228	344989	9.376	ng	# 96
82) 3,3'-Dichlorobenzidine	21.20	252	1366	0.102	ng	# 75
83) Chrysene	21.30	228	324988	9.140	ng	# 96
84) Bis(2-ethylhexyl)phthalate	21.16	149	6553	0.383	ng	# 83
85) Di-n-octyl phthalate	22.04	149	2849	0.096	ng	# 73

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052419\
Quantitation Report (Not Reviewed)

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QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

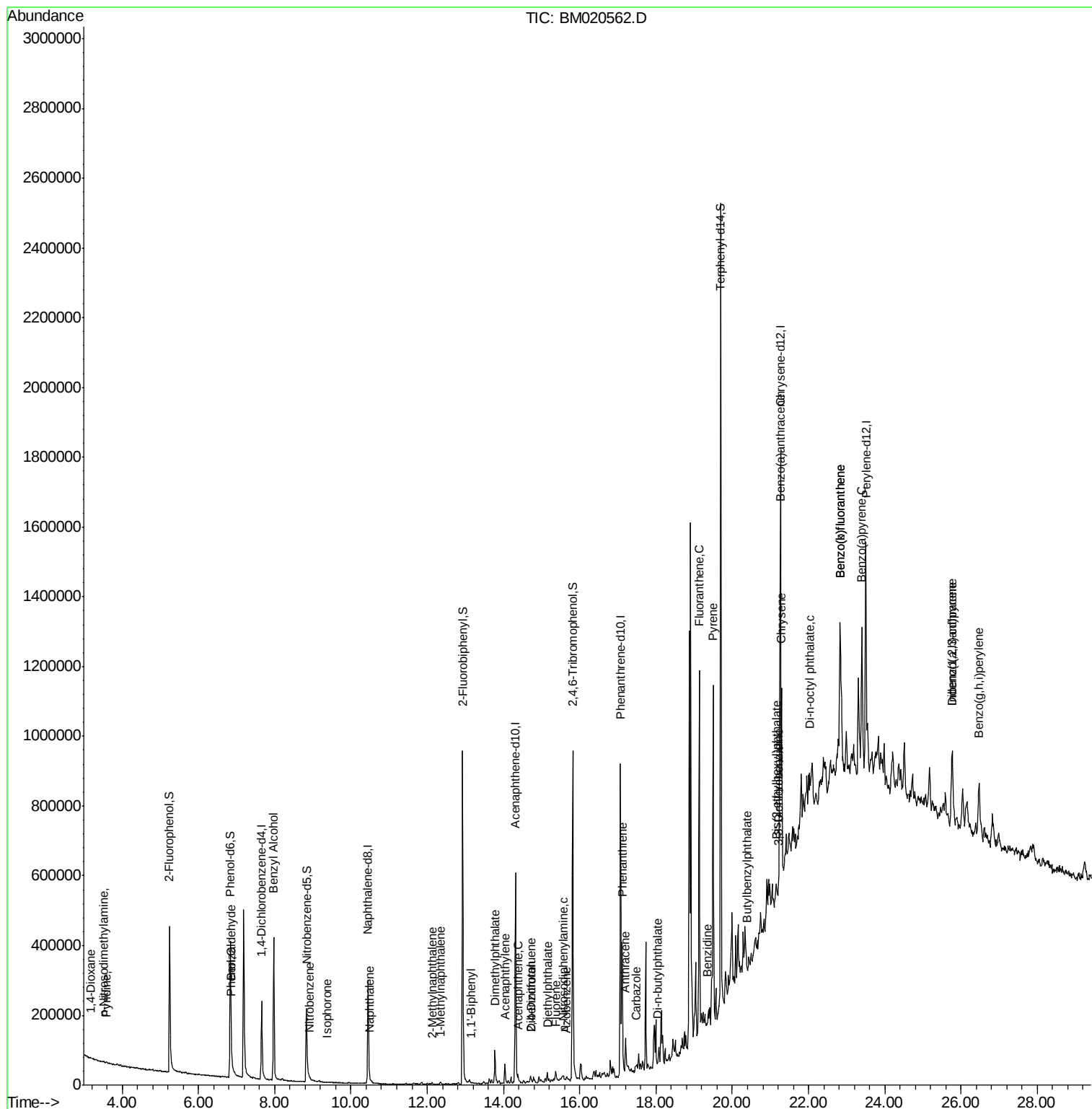
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	25.77	276	208718	4.855	ng	96
88) Benzo(b)fluoranthene	22.83	252	563146	15.948	ng #	93
89) Benzo(k)fluoranthene	22.83	252	572323	16.700	ng #	94
90) Benzo(a)pyrene	23.40	252	310326	9.550	ng #	95
91) Dibenzo(a,h)anthracene	25.77	278	53726	1.615	ng #	74
92) Benzo(g,h,i)perylene	26.46	276	217041	7.039	ng	100

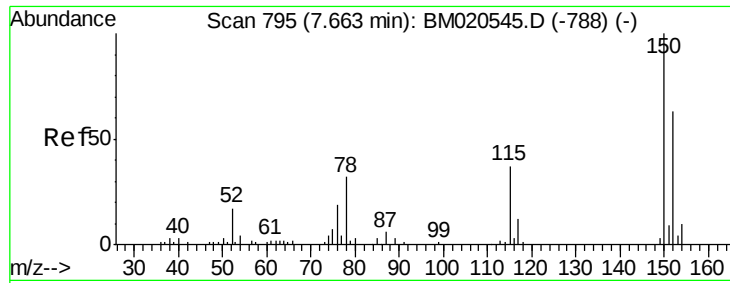
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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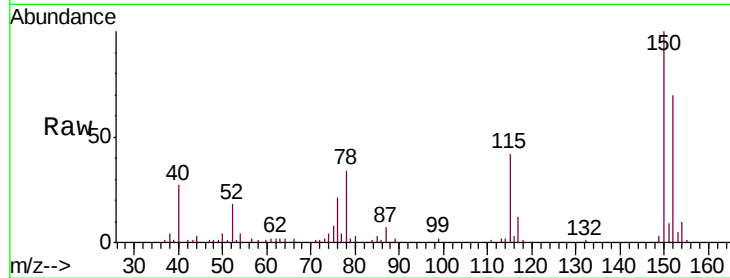


#1

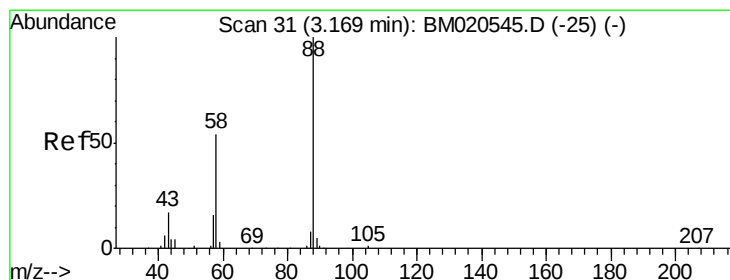
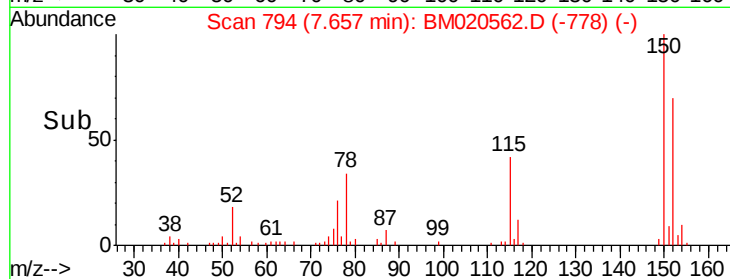
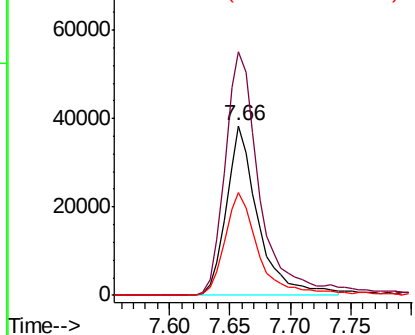
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
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Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Tgt Ion:152 Resp: 70269
Ion Ratio Lower Upper
152 100
150 143.3 126.6 190.0
115 60.3 46.6 70.0



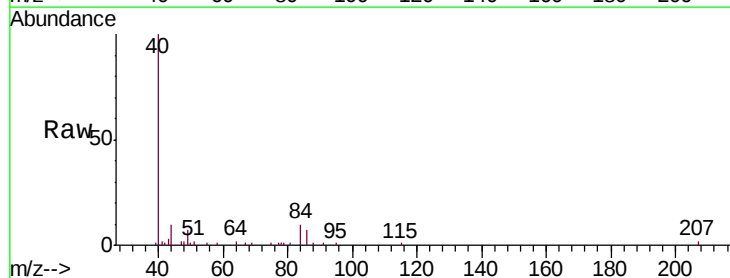
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



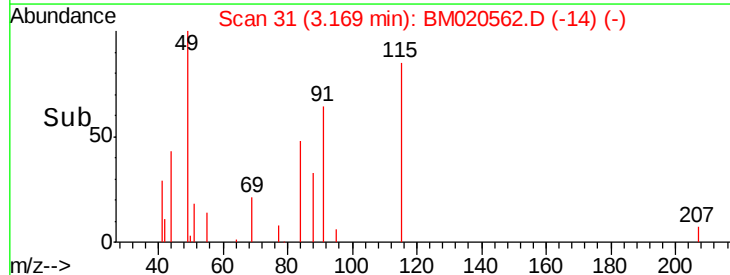
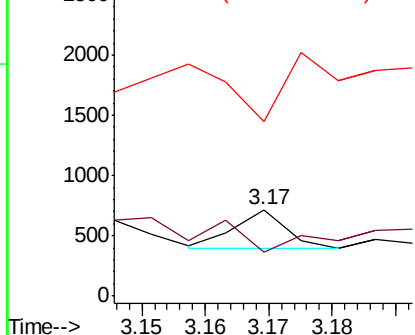
#2

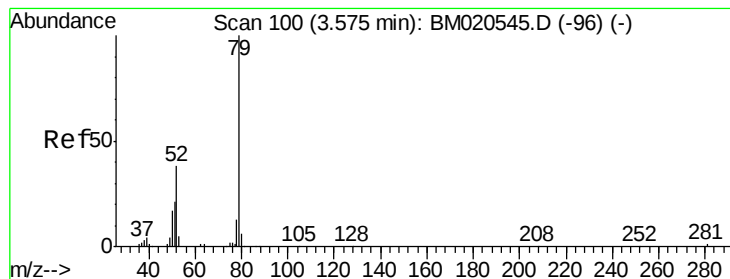
1,4-Dioxane
Concen: 0.096 ng
RT: 3.17 min Scan# 31
Delta R.T. 0.00 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

Tgt Ion: 88 Resp: 180
Ion Ratio Lower Upper
88 100
58 0.0 42.3 63.5#
43 506.1 16.0 24.0#



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

Pyridine

Concen: 1.329 ng

RT: 3.58 min Scan# 101

Delta R.T. 0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

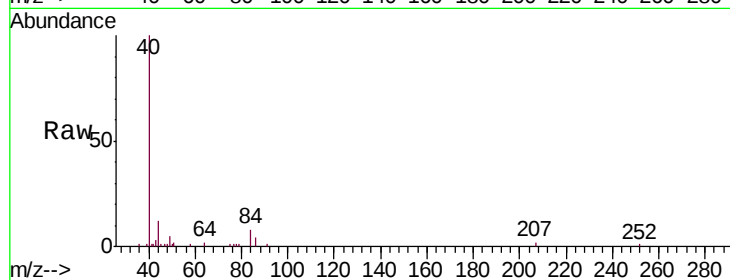
Tgt Ion: 79 Resp: 663

Ion Ratio Lower Upper

79 100

52 0.0 30.1 45.1#

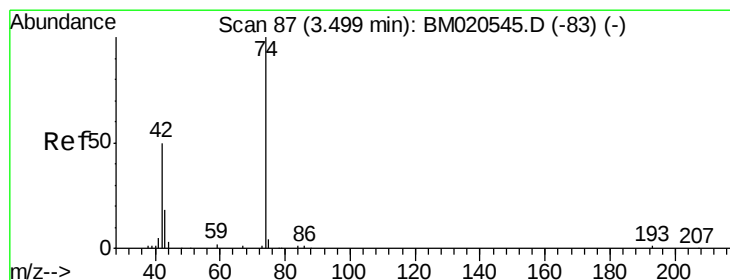
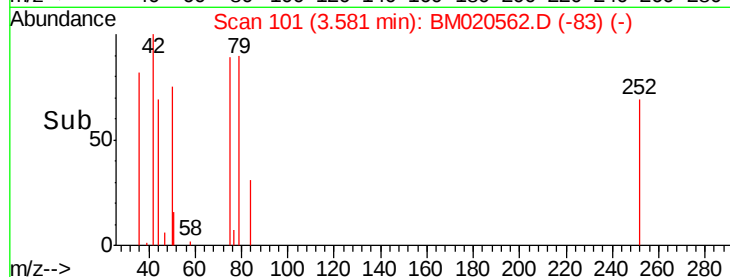
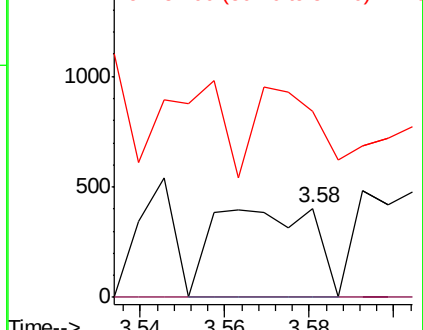
51 209.2 17.8 26.8#



Abundance Ion 79.00 (78.70 to 79.70): BM020545.D (-96) (-)

Ion 52.00 (51.70 to 52.70): BM020545.D (-96) (-)

Ion 51.00 (50.70 to 51.70): BM020545.D (-96) (-)



#4

n-Nitrosodimethylamine

Concen: 0.490 ng

RT: 3.51 min Scan# 89

Delta R.T. 0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

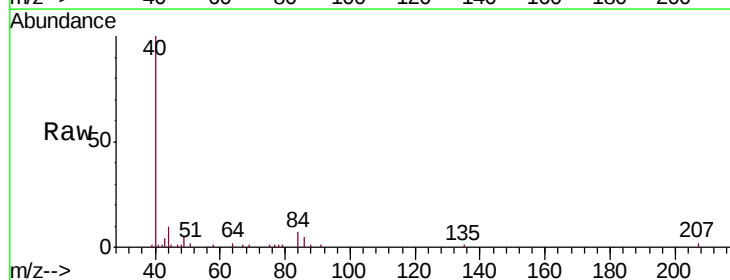
Tgt Ion: 42 Resp: 651

Ion Ratio Lower Upper

42 100

74 0.0 161.1 241.7#

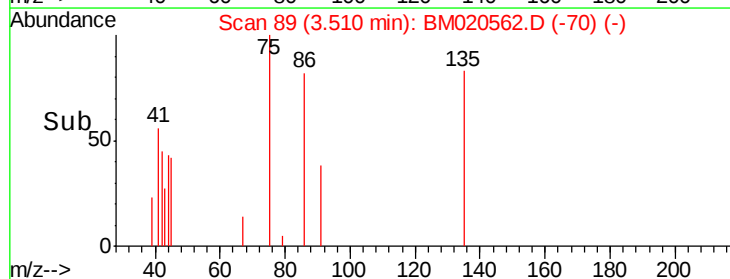
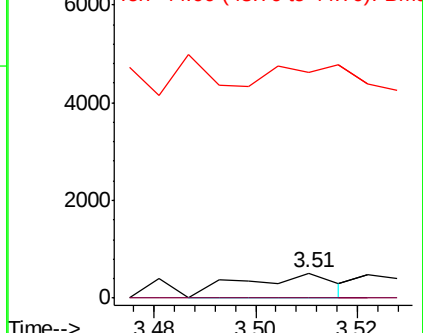
44 903.1 20.9 31.3#

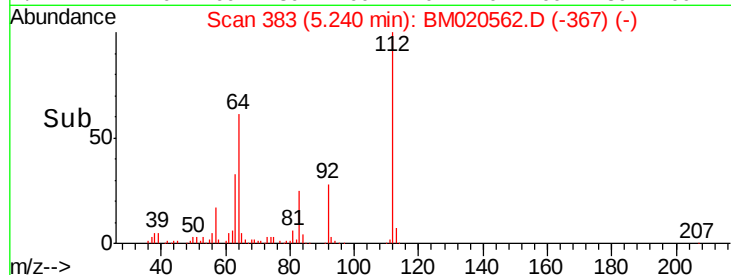
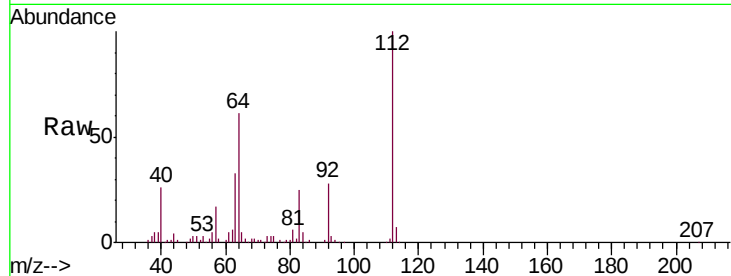
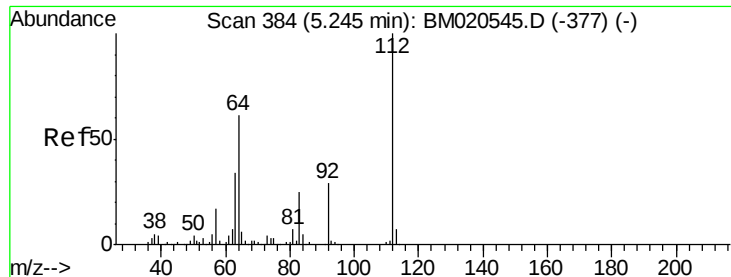


Abundance Ion 42.00 (41.70 to 42.70): BM020545.D (-83) (-)

Ion 74.00 (73.70 to 74.70): BM020545.D (-83) (-)

Ion 44.00 (43.70 to 44.70): BM020545.D (-83) (-)

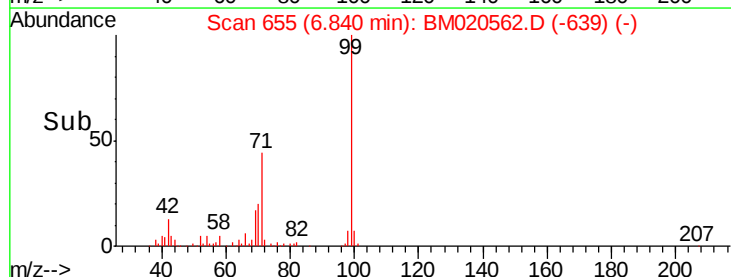
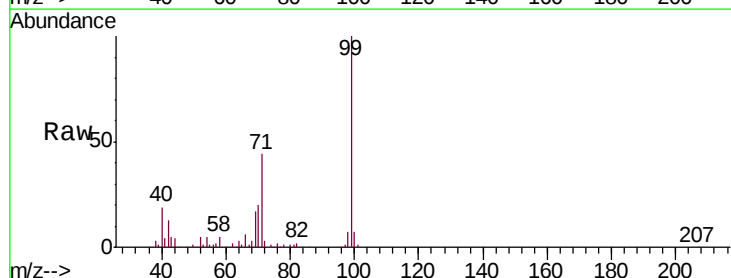
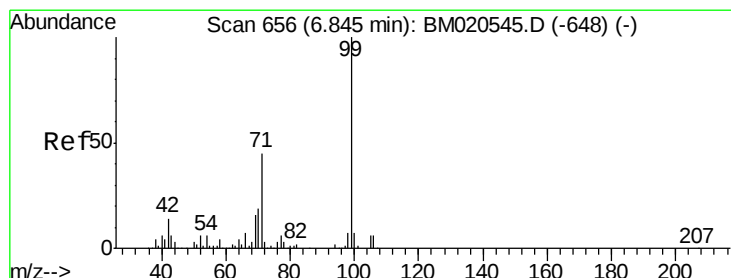
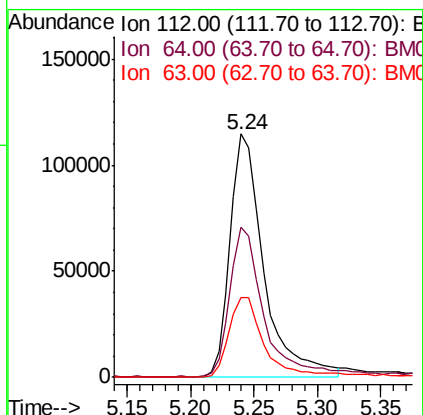




#5
2-Fluorophenol
Concen: 59.498 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

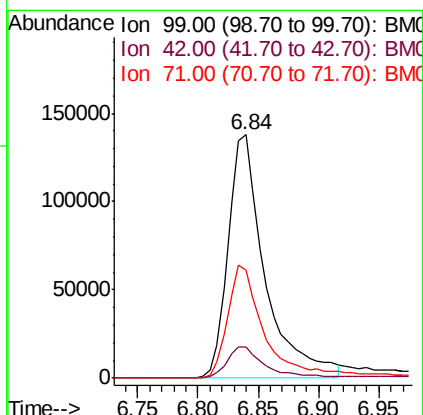
Instrument :
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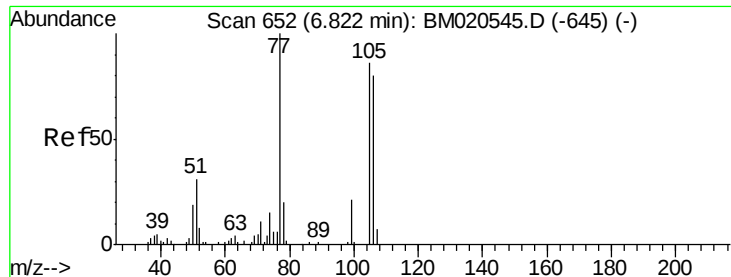
Tgt Ion: 112 Resp: 213113
Ion Ratio Lower Upper
112 100
64 61.4 48.6 73.0
63 32.7 27.4 41.0



#7
Phenol-d6
Concen: 54.461 ng
RT: 6.84 min Scan# 655
Delta R.T. -0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

Tgt Ion: 99 Resp: 294429
Ion Ratio Lower Upper
99 100
42 13.0 10.8 16.2
71 44.2 36.3 54.5





#9

Benzaldehyde

Concen: 0.386 ng

RT: 6.86 min Scan# 659

Delta R.T. 0.04 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

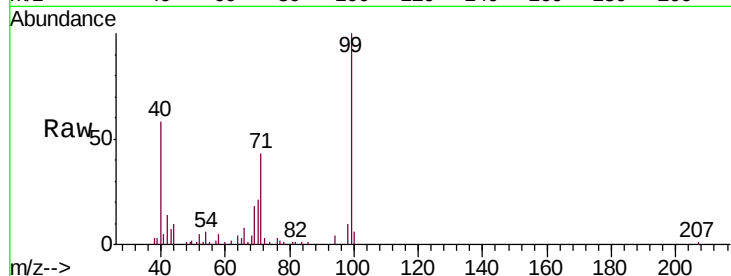
Tgt Ion: 77 Resp: 1332

Ion Ratio Lower Upper

77 100

105 0.0 66.1 106.1#

106 0.0 60.0 100.0#



Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-645) (-)

Ion 105.00 (104.70 to 105.70): BM020545.D (-645) (-)

Ion 106.00 (105.70 to 106.70): BM020545.D (-645) (-)

6.86

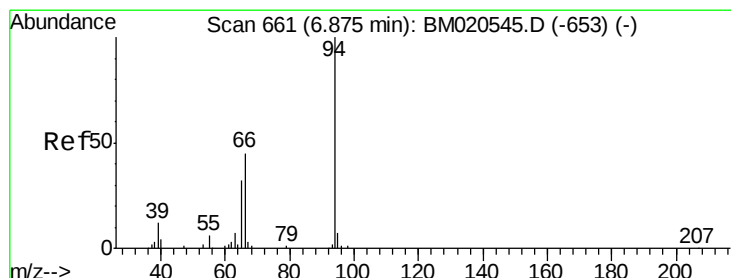
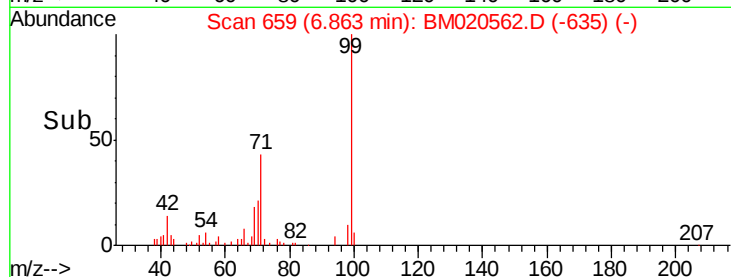
400

200

0

6.80 6.85 6.90

Time-->



#10

Phenol

Concen: 0.486 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

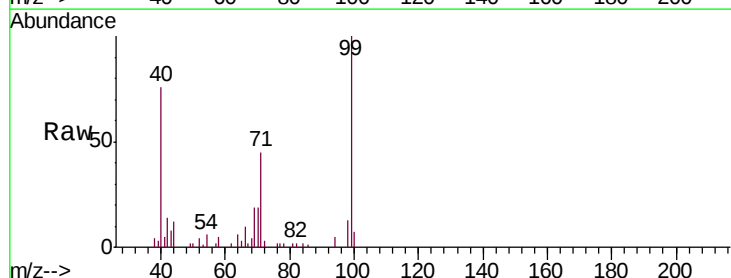
Tgt Ion: 94 Resp: 2837

Ion Ratio Lower Upper

94 100

65 55.3 12.4 52.4#

66 188.7 27.4 67.4#



Abundance Ion 94.00 (93.70 to 94.70): BM020545.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BM020545.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BM020545.D (-653) (-)

6.87

12000

10000

8000

6000

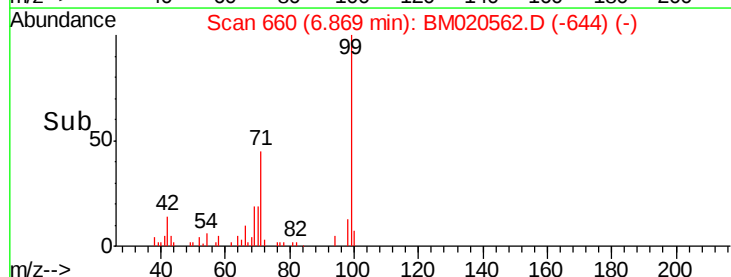
4000

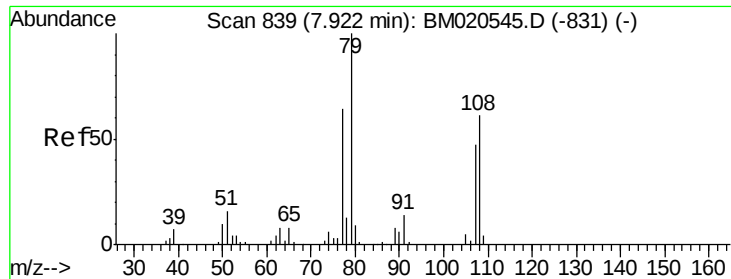
2000

0

6.80 6.85 6.90

Time-->





#15

Benzyl Alcohol

Concen: 0.805 ng

RT: 7.97 min Scan# 848

Delta R.T. 0.05 min

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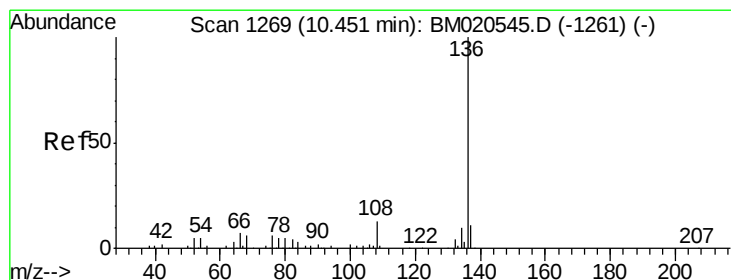
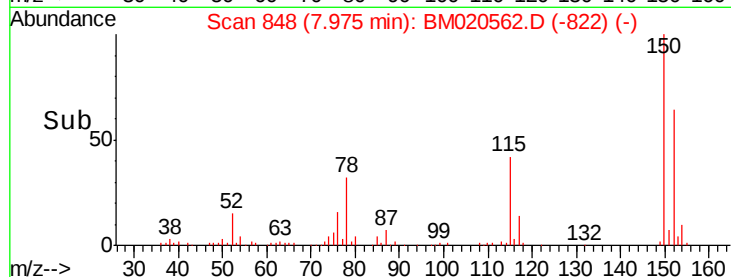
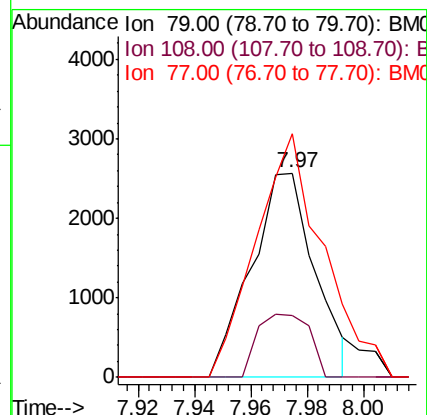
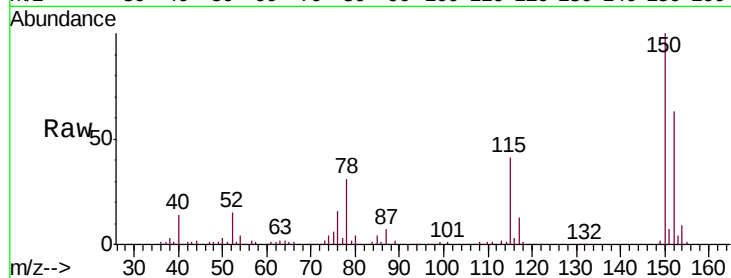
Tgt Ion: 79 Resp: 4028

Ion Ratio Lower Upper

79 100

108 30.1 48.5 72.7#

77 119.1 50.9 76.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Tgt Ion: 136 Resp: 264095

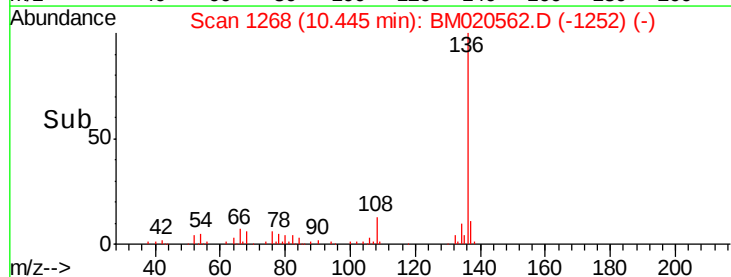
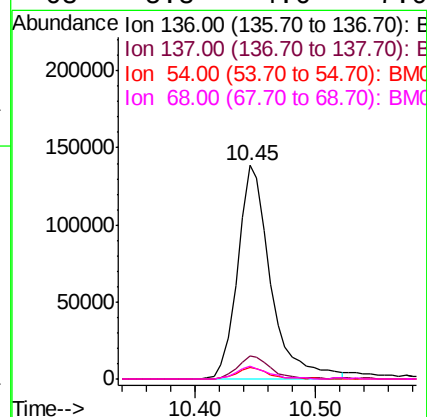
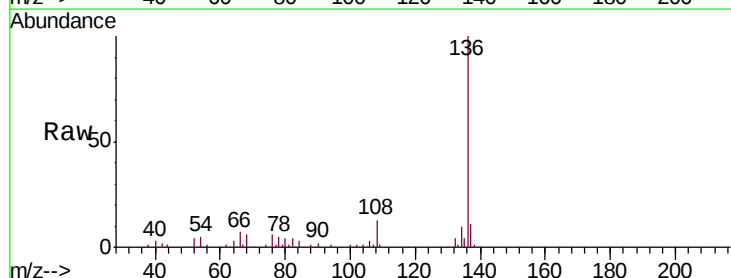
Ion Ratio Lower Upper

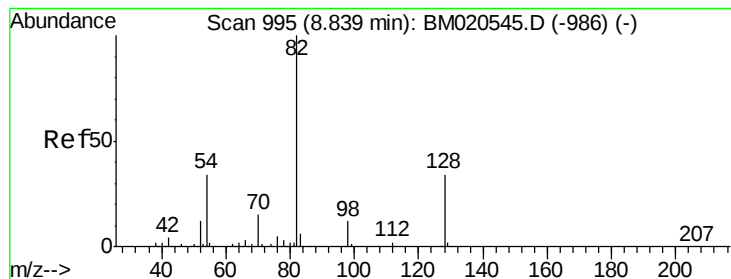
136 100

137 10.7 8.4 12.6

54 5.2 4.2 6.4

68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 30.057 ng

RT: 8.83 min Scan# 994

Delta R.T. -0.01 min

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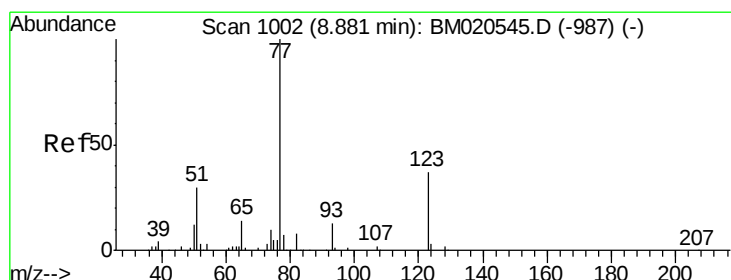
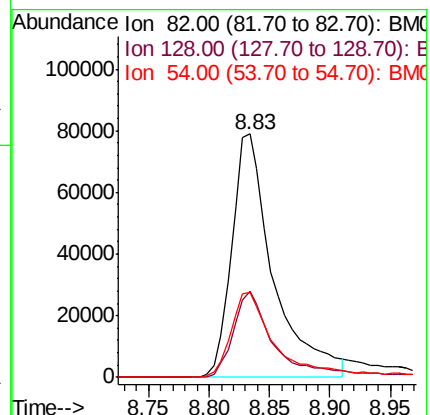
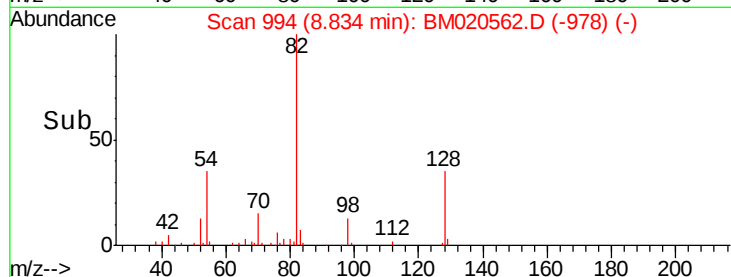
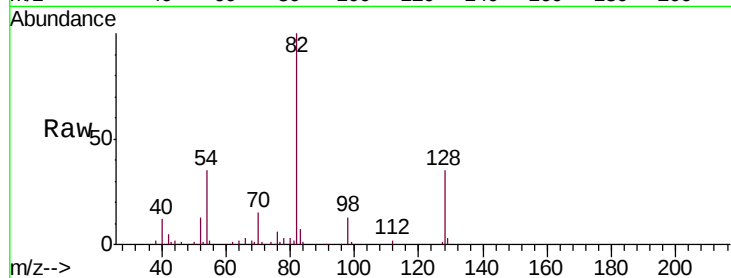
Tgt Ion: 82 Resp: 189118

Ion Ratio Lower Upper

82 100

128 35.3 27.0 40.4

54 35.0 27.4 41.2



#24

Nitrobenzene

Concen: 0.017 ng

RT: 8.92 min Scan# 1008

Delta R.T. 0.04 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

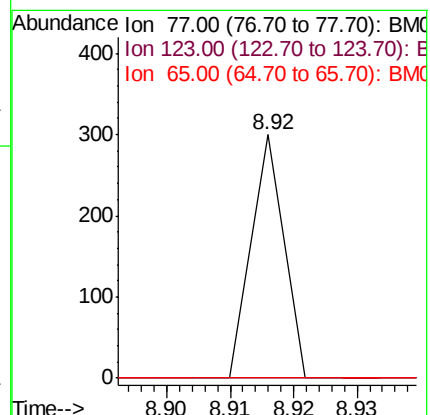
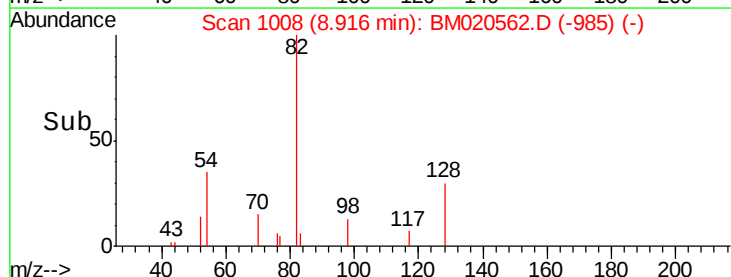
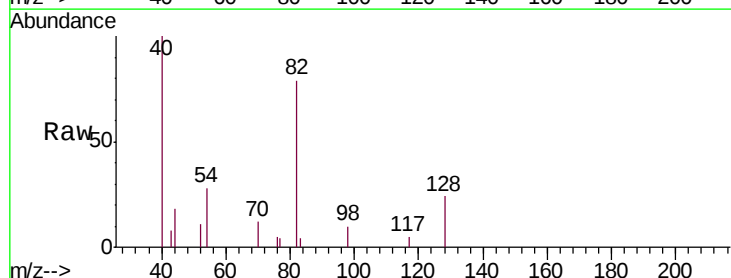
Tgt Ion: 77 Resp: 106

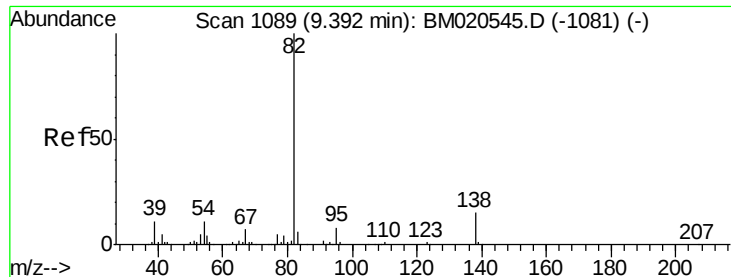
Ion Ratio Lower Upper

77 100

123 0.0 29.4 44.2#

65 0.0 10.8 16.2#





#25

Isophorone

Concen: 0.054 ng

RT: 9.37 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

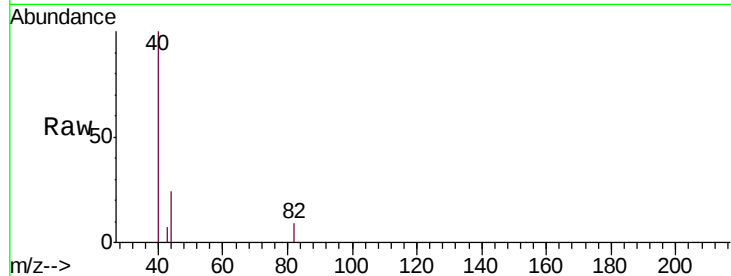
Tgt Ion: 82 Resp: 630

Ion Ratio Lower Upper

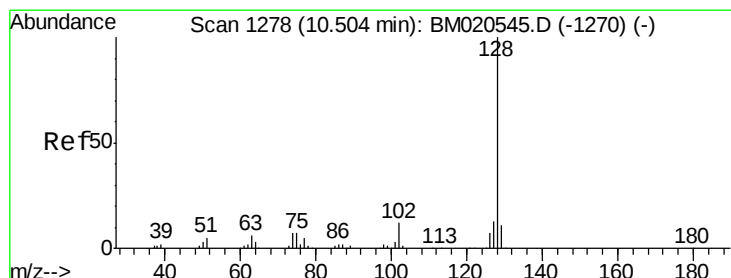
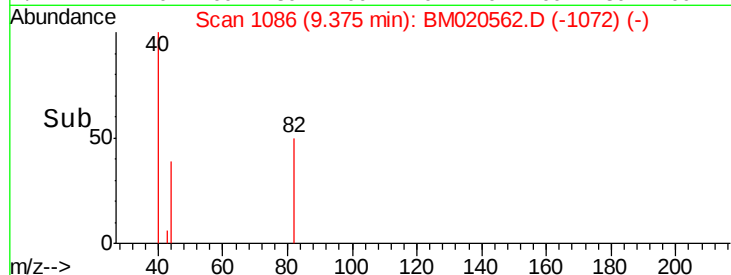
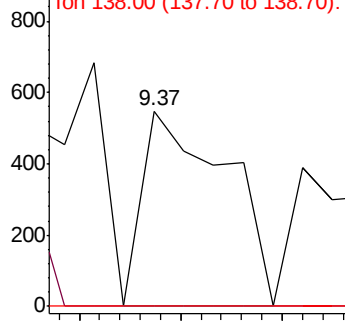
82 100

95 0.0 6.7 10.1#

138 0.0 12.0 18.0#



Abundance Ion 82.00 (81.70 to 82.70): BM020545.D (-1081) (-)



#31

Naphthalene

Concen: 0.243 ng

RT: 10.50 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

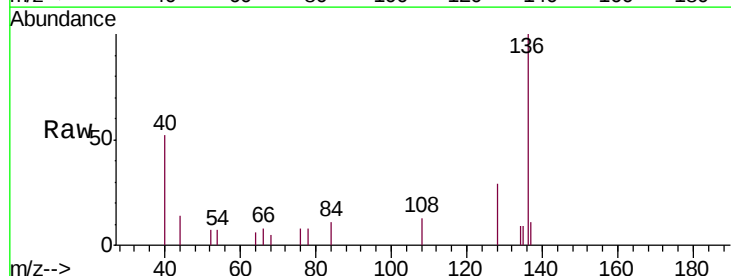
Tgt Ion: 128 Resp: 3316

Ion Ratio Lower Upper

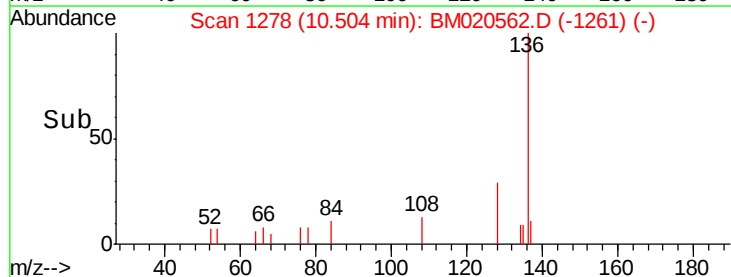
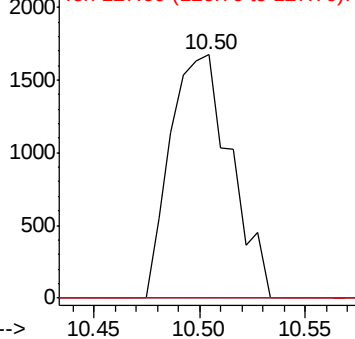
128 100

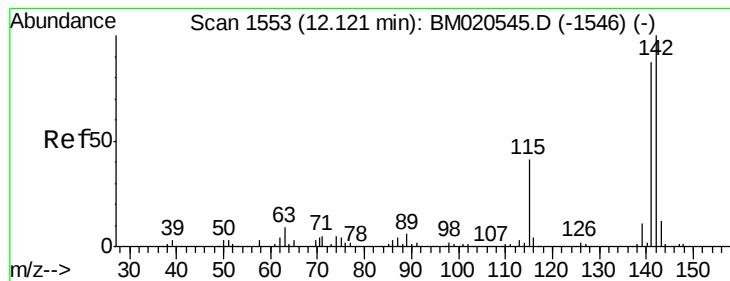
129 0.0 9.0 13.6#

127 0.0 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): BM020545.D (-1270) (-)





#37

2-Methylnaphthalene

Concen: 0.330 ng

RT: 12.12 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

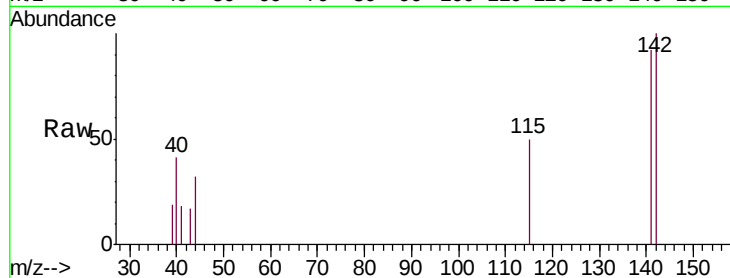
Tgt Ion:142 Resp: 3433

Ion Ratio Lower Upper

142 100

141 91.6 69.9 104.9

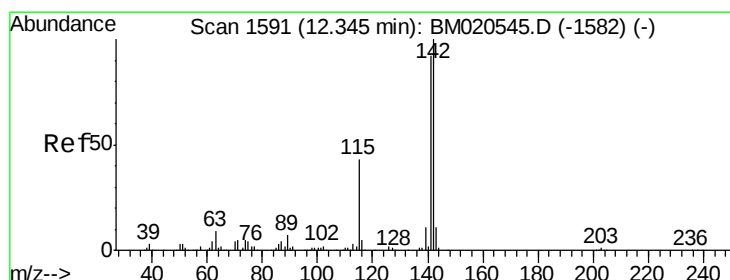
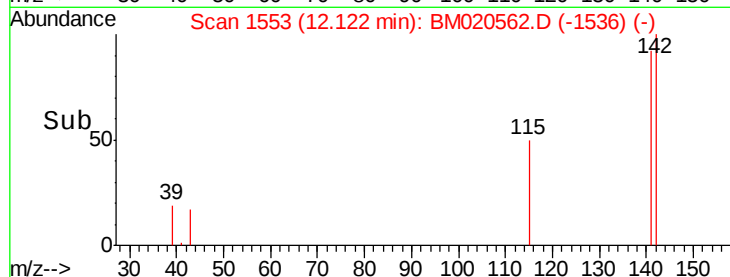
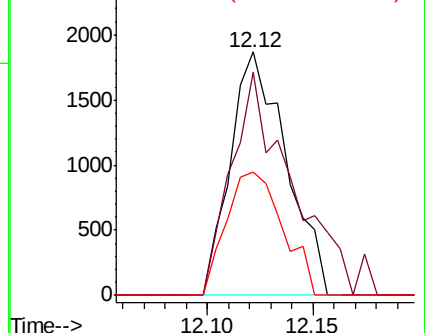
115 50.4 32.9 49.3#



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: 0.399 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

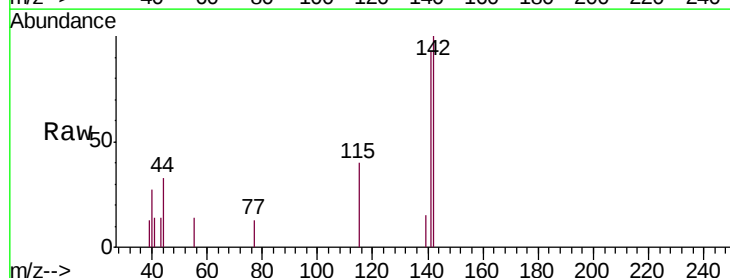
Tgt Ion:142 Resp: 4024

Ion Ratio Lower Upper

142 100

141 93.1 73.7 110.5

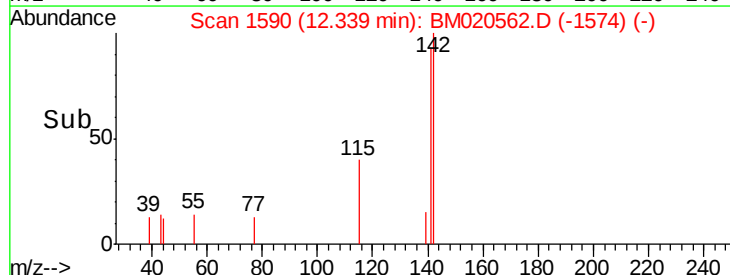
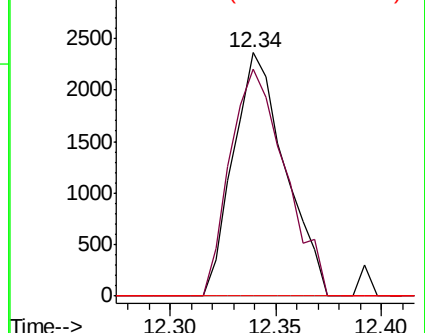
116 0.0 3.7 5.5#

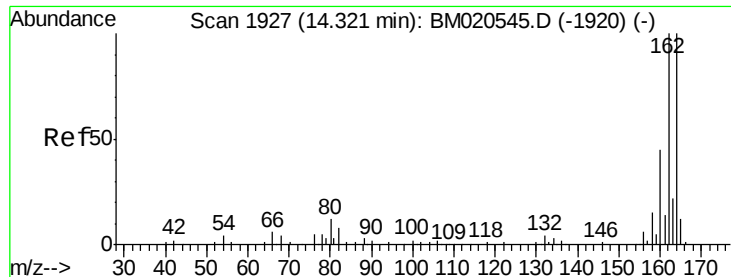


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

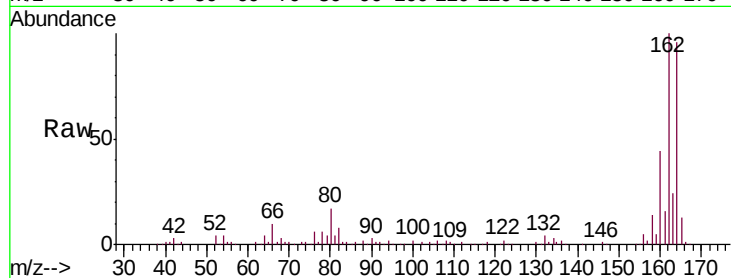
Tgt Ion:164 Resp: 201493

Ion Ratio Lower Upper

164 100

162 104.1 79.8 119.8

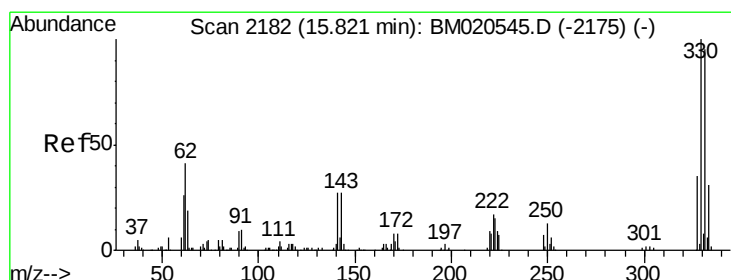
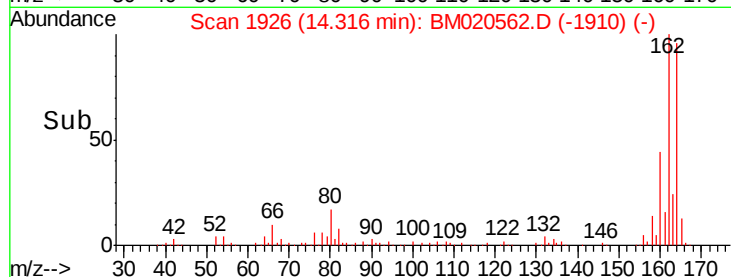
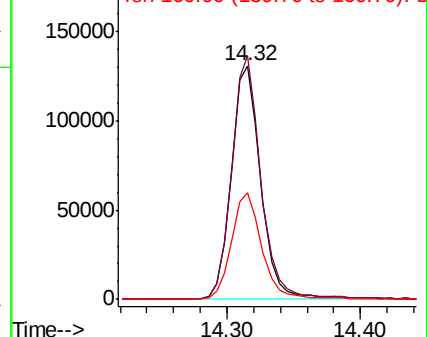
160 45.8 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 53.270 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

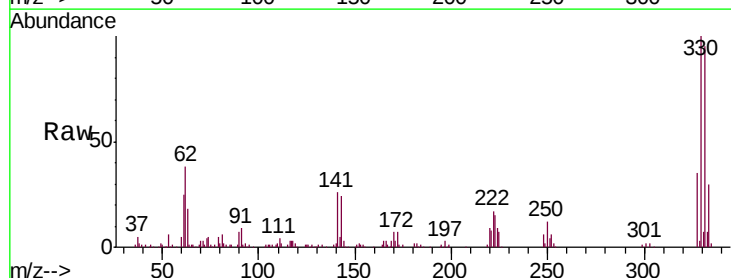
Tgt Ion:330 Resp: 215043

Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

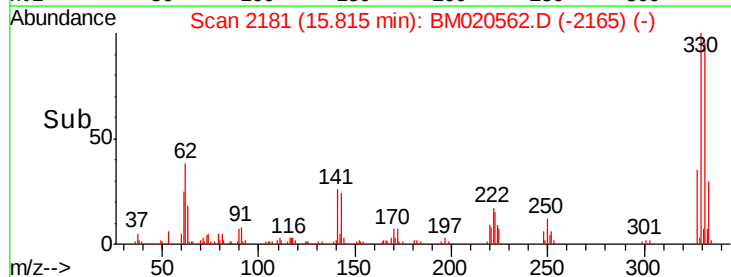
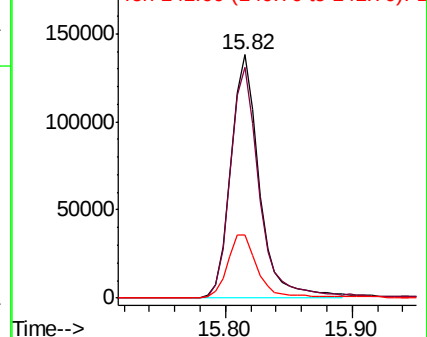
141 28.2 21.7 32.5

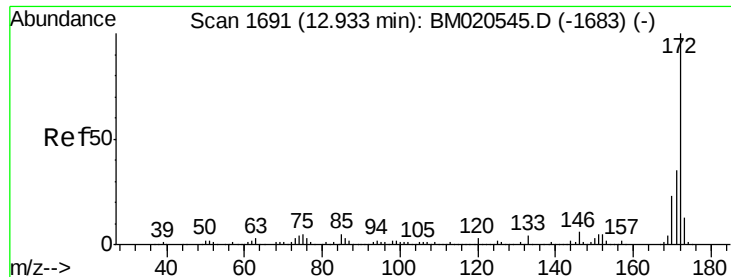


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

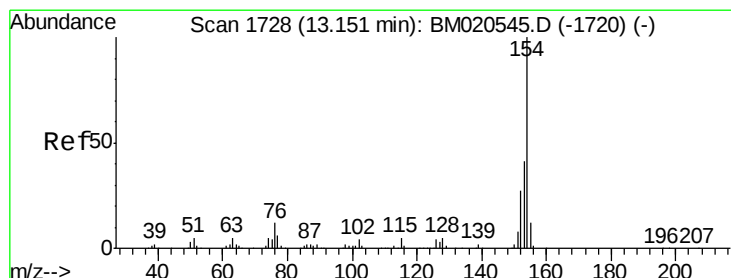
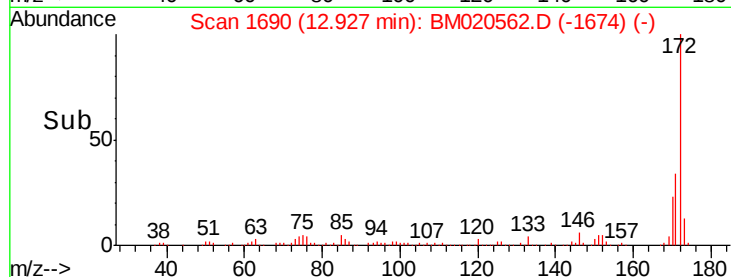
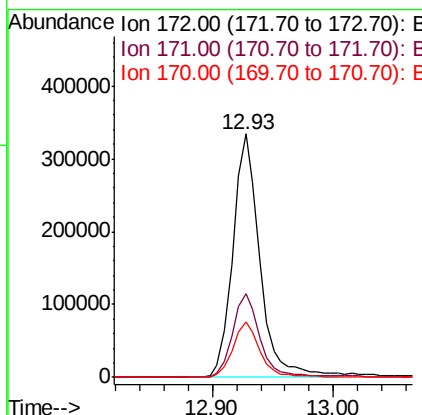
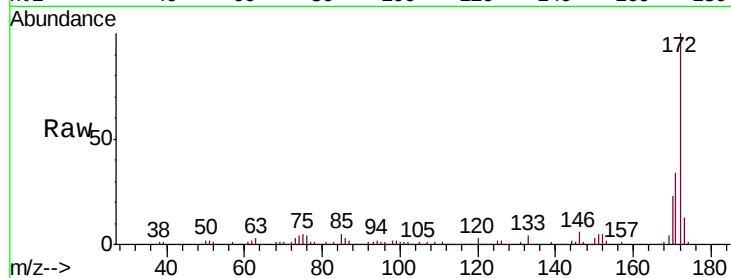




#45
2-Fluorobiphenyl
Concen: 32.559 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

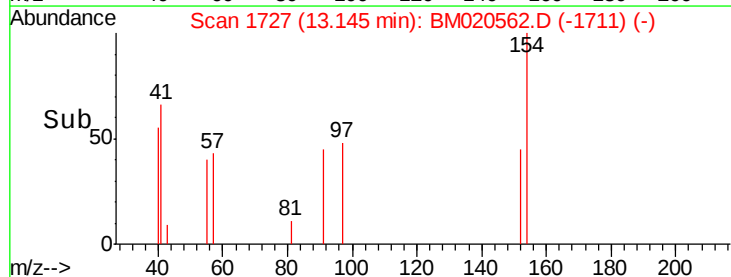
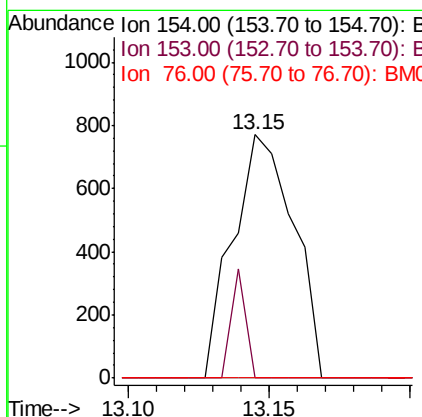
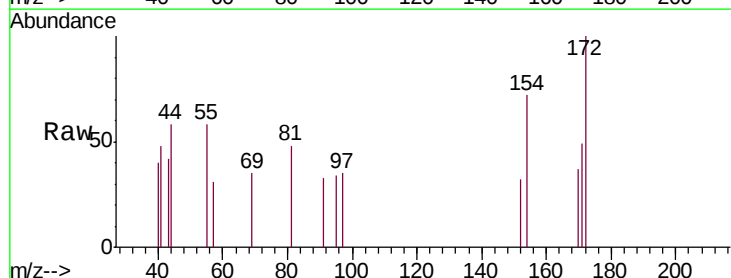
Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

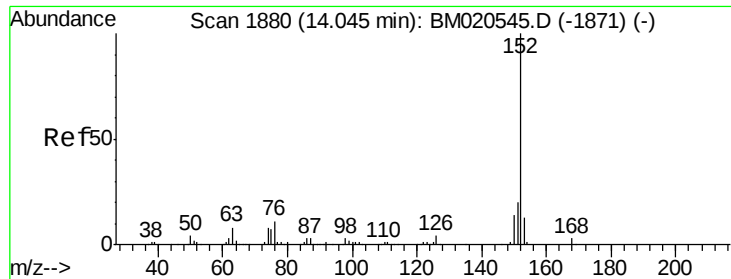
Tgt Ion:172 Resp: 522815
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 22.6 18.2 27.4



#46
1,1'-Biphenyl
Concen: 0.074 ng
RT: 13.15 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

Tgt Ion:154 Resp: 1150
Ion Ratio Lower Upper
154 100
153 0.0 20.6 60.6#
76 0.0 0.0 32.2





#49

Acenaphthylene

Concen: 2.106 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

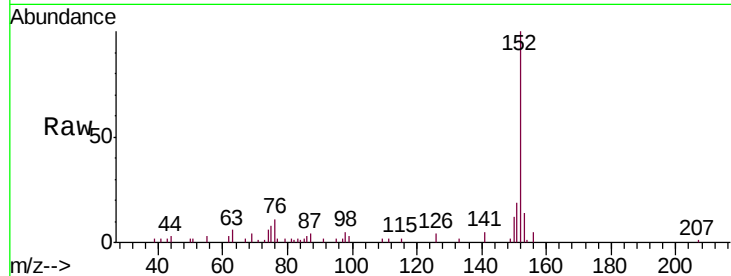
Tgt Ion:152 Resp: 42133

Ion Ratio Lower Upper

152 100

151 18.8 15.7 23.5

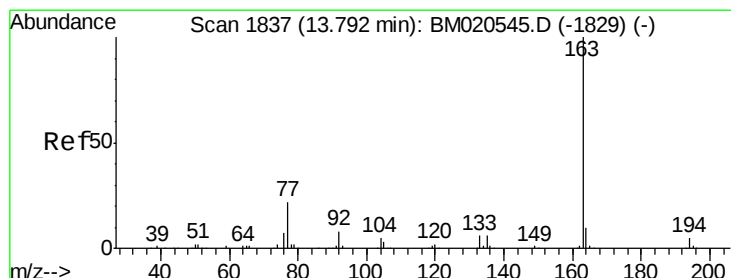
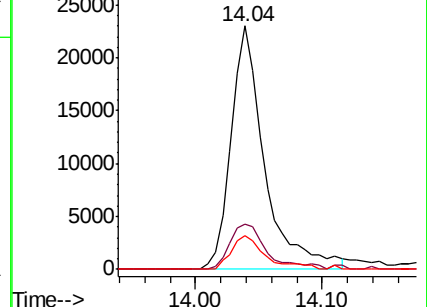
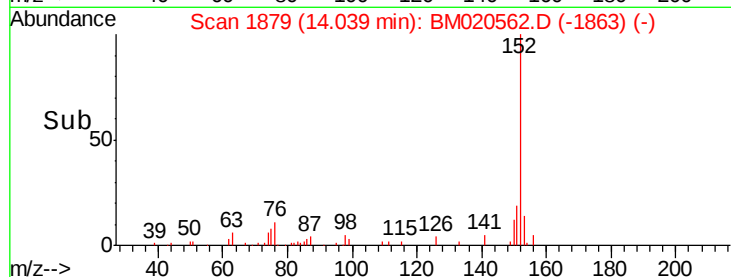
153 13.8 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.256 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

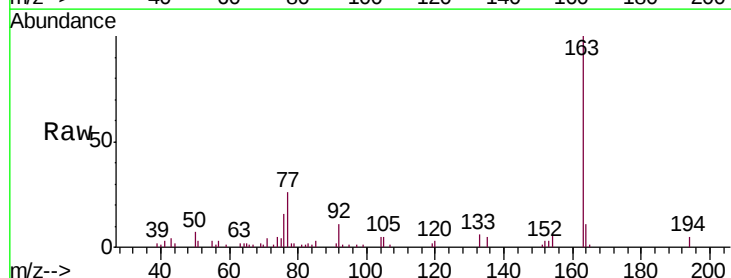
Tgt Ion:163 Resp: 58106

Ion Ratio Lower Upper

163 100

194 4.7 3.9 5.9

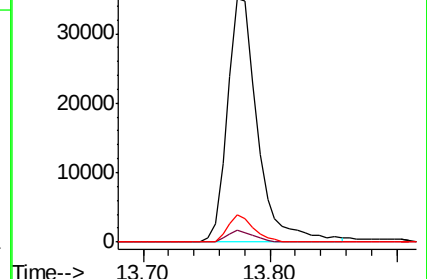
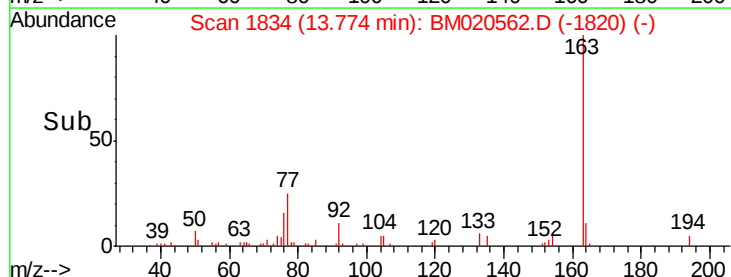
164 11.0 8.0 12.0

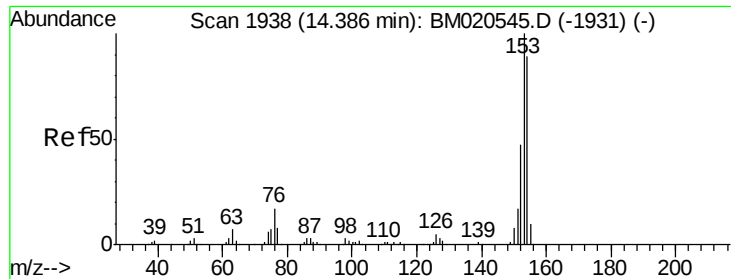


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.550 ng

RT: 14.38 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

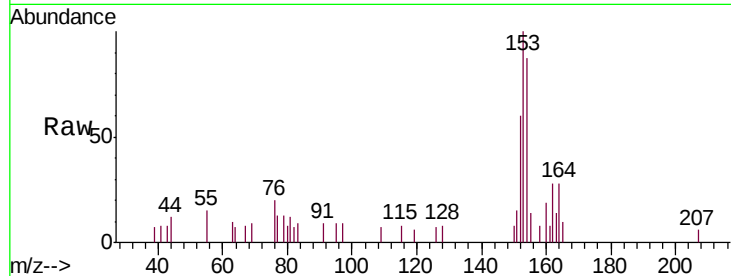
Tgt Ion:154 Resp: 6631

Ion Ratio Lower Upper

154 100

153 115.0 90.2 135.4

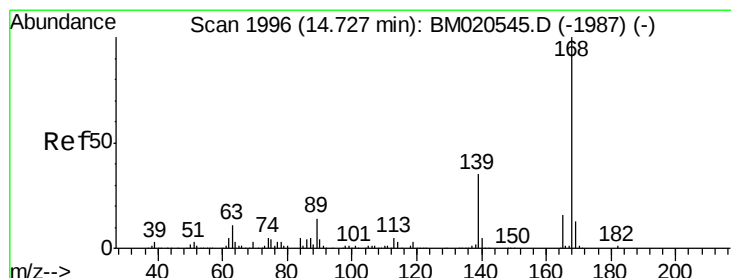
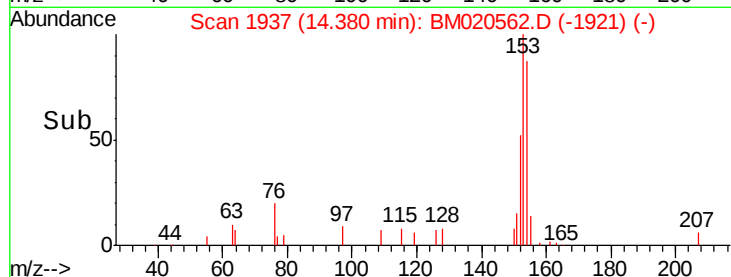
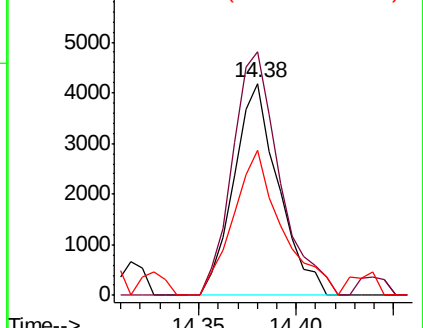
152 68.6 42.0 63.0#



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: 0.363 ng

RT: 14.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

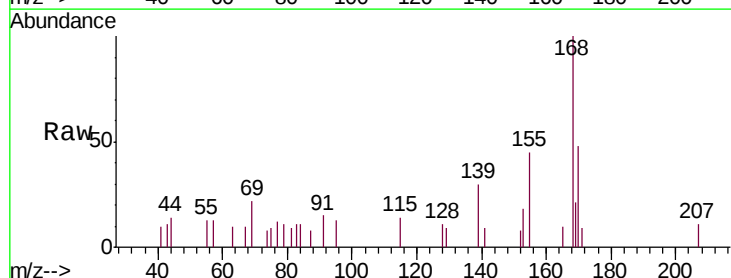
Tgt Ion:168 Resp: 7580

Ion Ratio Lower Upper

168 100

139 29.9 28.2 42.4

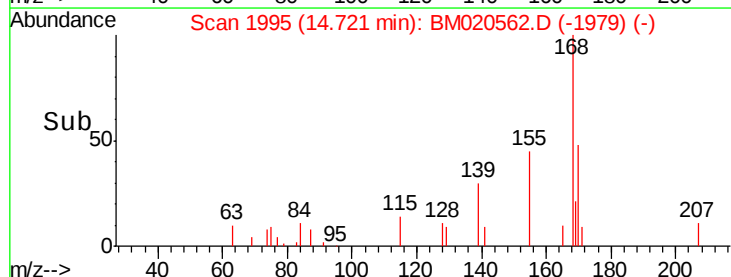
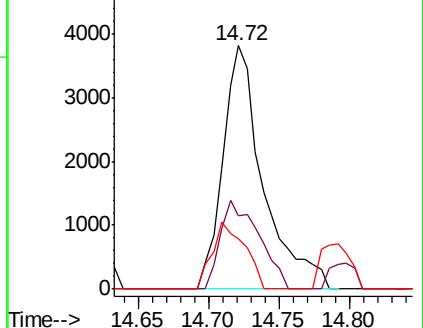
169 20.8 10.6 16.0#

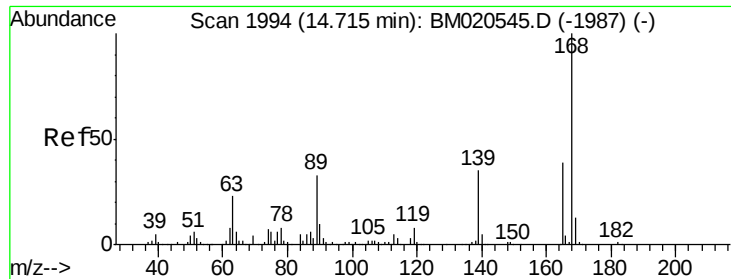


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

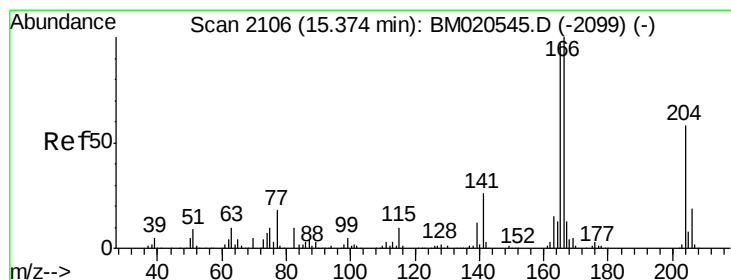
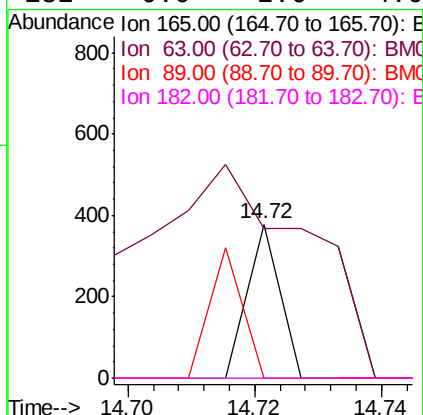
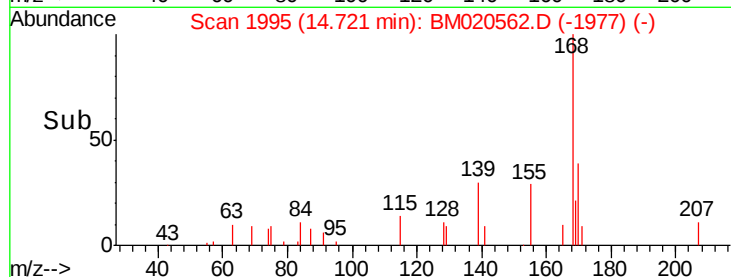
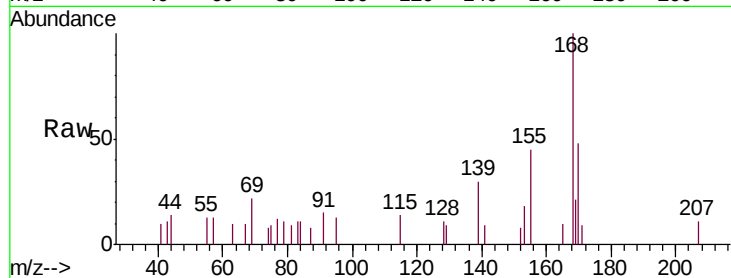




#57
2,4-Dinitrotoluene
Concen: 0.025 ng
RT: 14.72 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

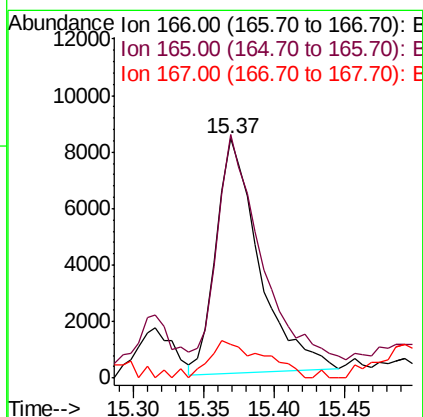
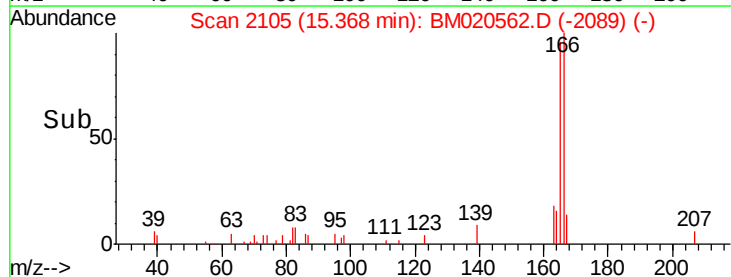
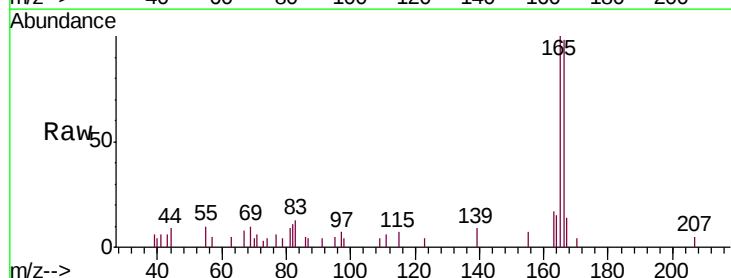
Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

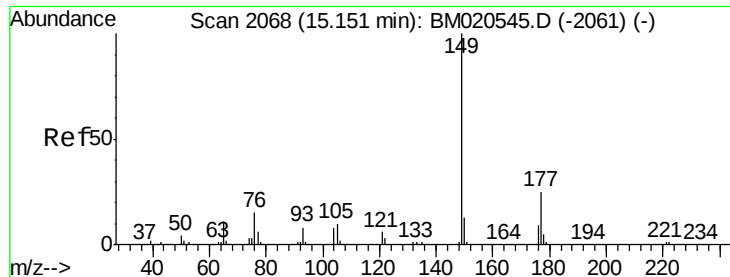
Tgt Ion:165 Resp: 133
Ion Ratio Lower Upper
165 100
63 97.6 48.7 73.1#
89 0.0 68.8 103.2#
182 0.0 2.6 4.0#



#58
Fluorene
Concen: 1.020 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

Tgt Ion:166 Resp: 17670
Ion Ratio Lower Upper
166 100
165 101.7 77.4 116.0
167 13.9 10.6 16.0

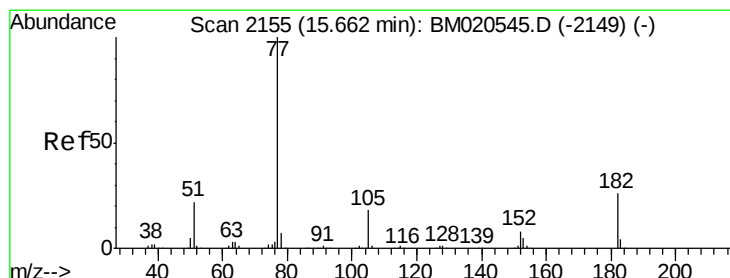
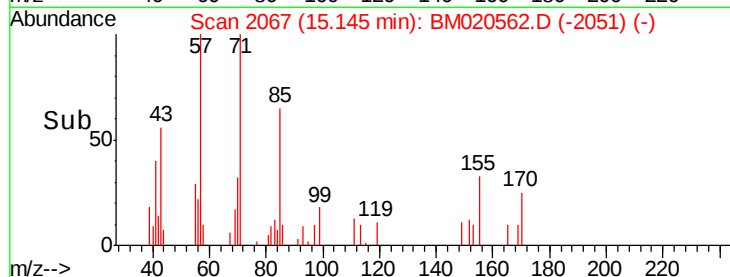
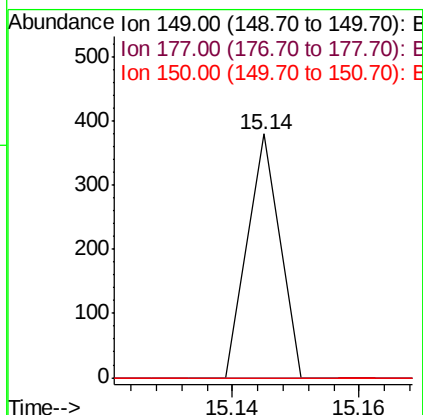
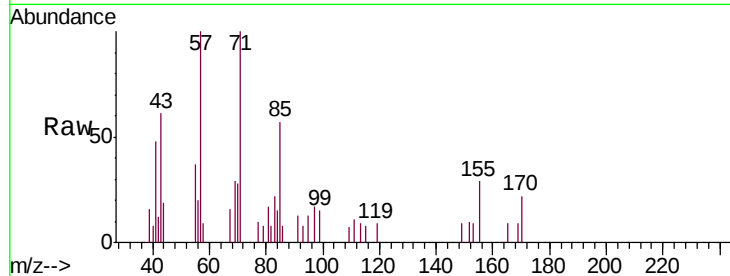




#60
Diethylphthalate
Concen: 0.008 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

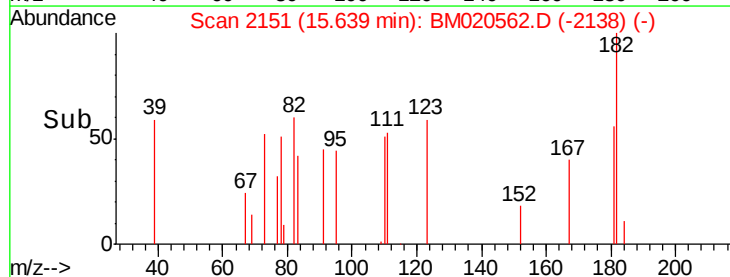
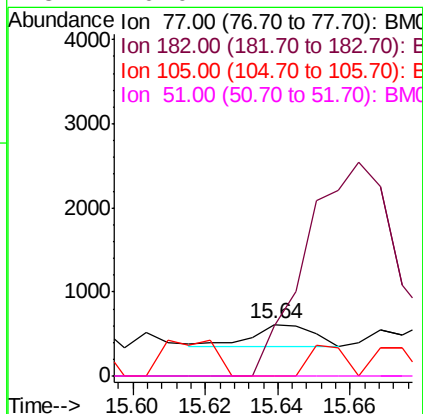
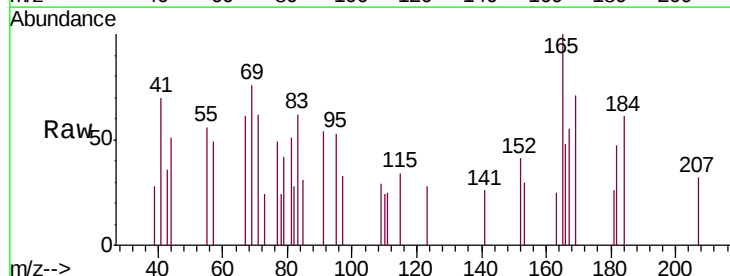
Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

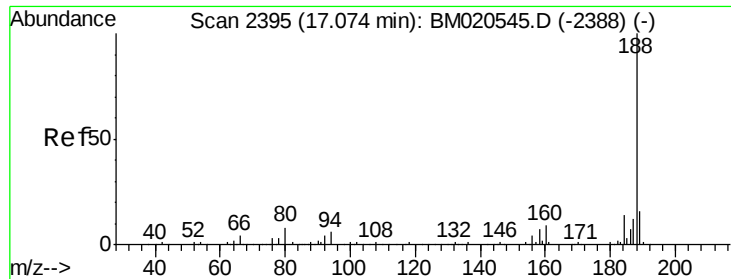
Tgt Ion: 149 Resp: 134
Ion Ratio Lower Upper
149 100
177 0.0 19.8 29.8#
150 0.0 10.2 15.2#



#63
Azobenzene
Concen: 0.018 ng
RT: 15.64 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

Tgt Ion: 77 Resp: 301
Ion Ratio Lower Upper
77 100
182 96.6 5.7 45.7#
105 0.0 0.0 37.6
51 0.0 1.7 41.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

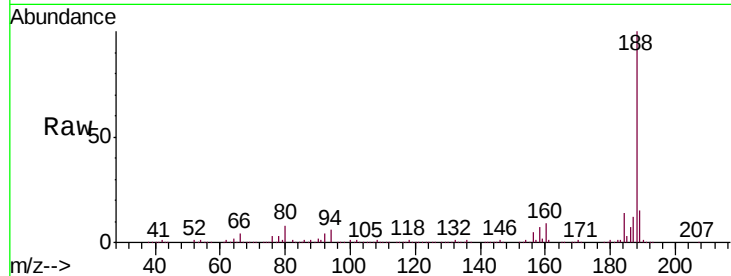
Tgt Ion:188 Resp: 563887

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.4

80 8.0 6.5 9.7



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

500000

400000

300000

200000

100000

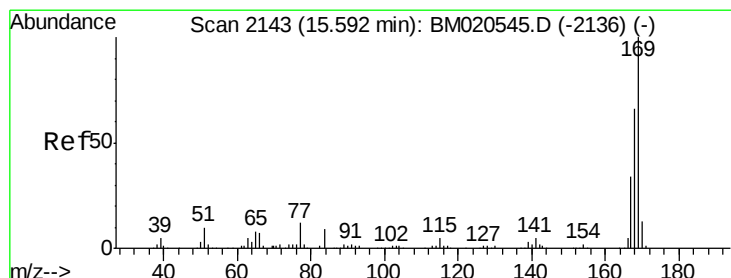
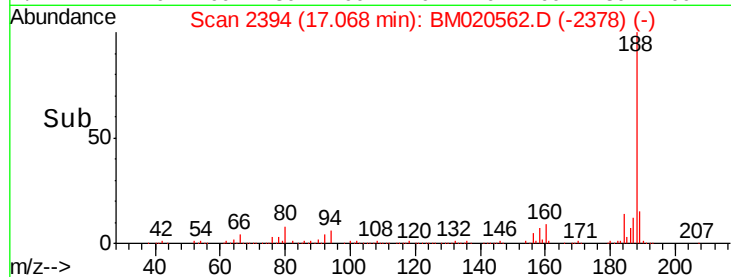
0

17.07

17.00

17.10

Time-->



#66

n-Nitrosodiphenylamine

Concen: 0.195 ng

RT: 15.57 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

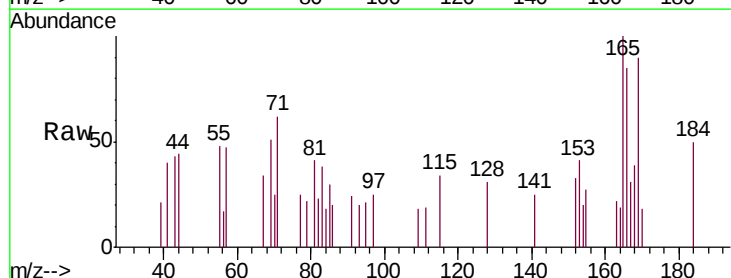
Tgt Ion:169 Resp: 2979

Ion Ratio Lower Upper

169 100

168 43.4 52.5 78.7#

167 33.8 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

2000

1500

1000

500

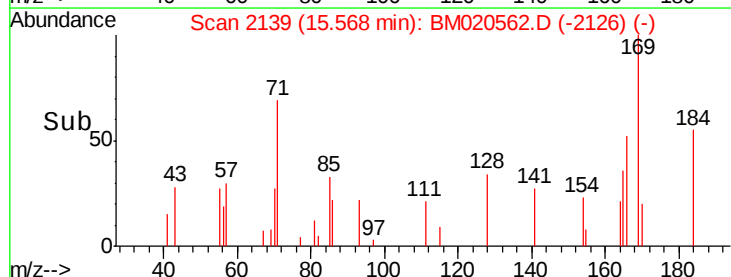
0

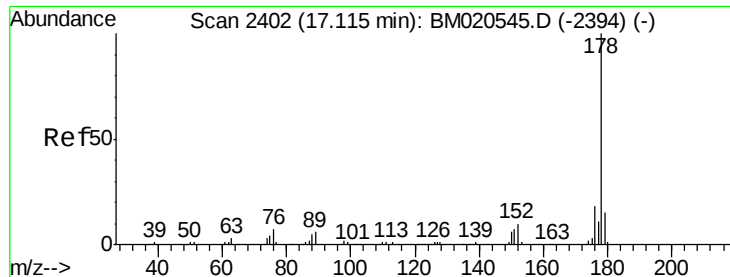
15.57

15.55

15.60

Time-->

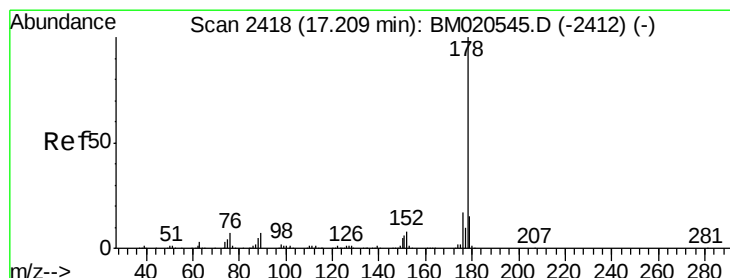
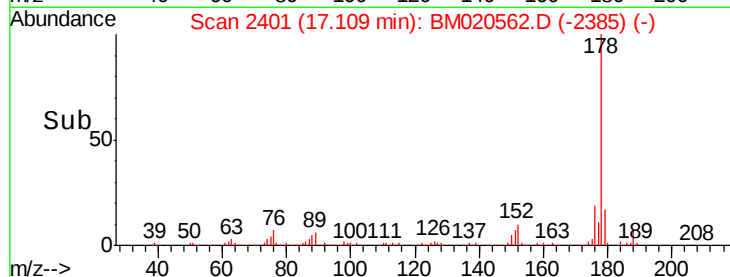
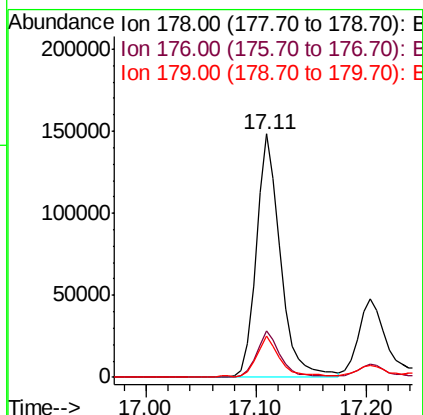
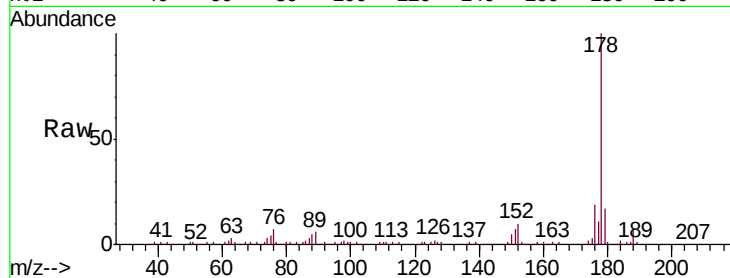




#71
Phenanthrene
Concen: 7.434 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

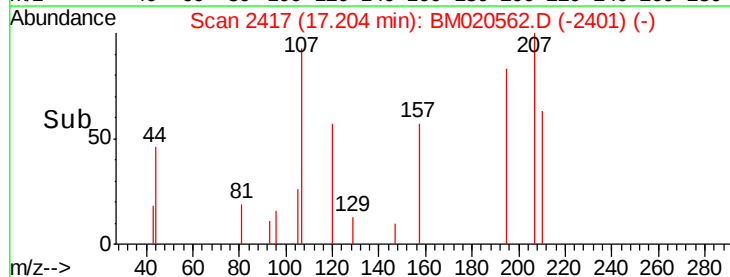
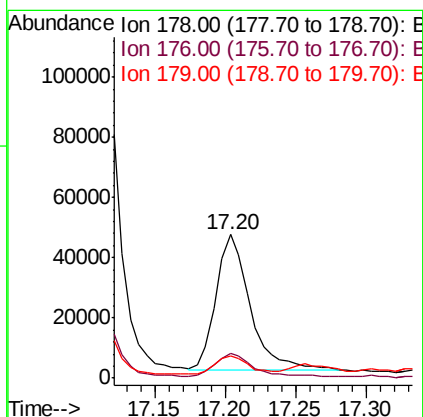
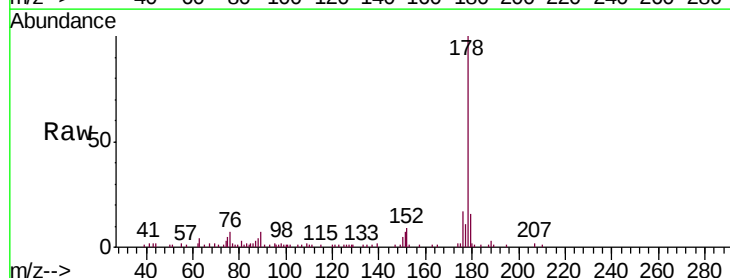
Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

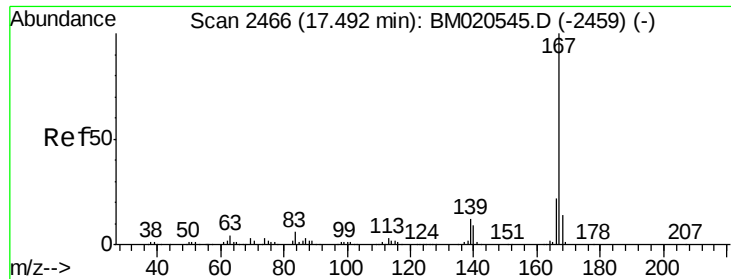
Tgt Ion:178 Resp: 227737
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 16.9 12.2 18.2



#72
Anthracene
Concen: 2.527 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

Tgt Ion:178 Resp: 75083
Ion Ratio Lower Upper
178 100
176 17.3 14.0 21.0
179 15.5 12.4 18.6

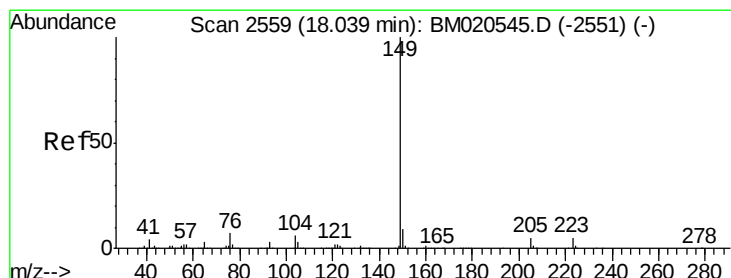
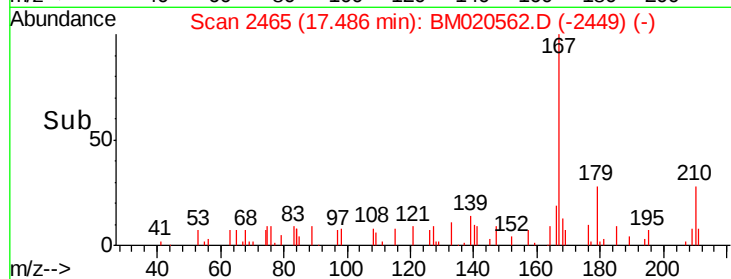
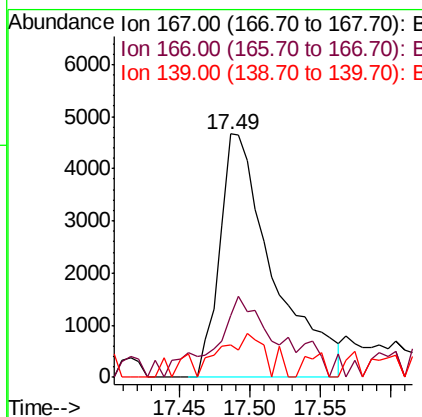
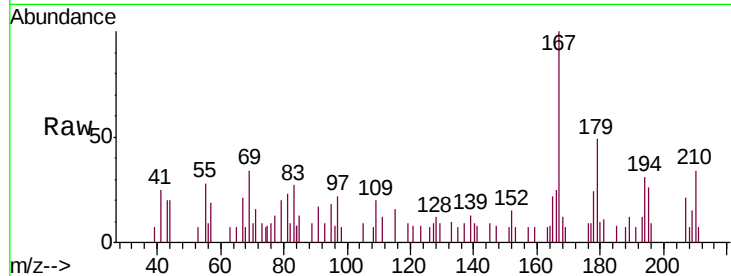




#73
 Carbazole
 Concen: 0.479 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM020562.D
 Acq: 25 May 2019 03:56

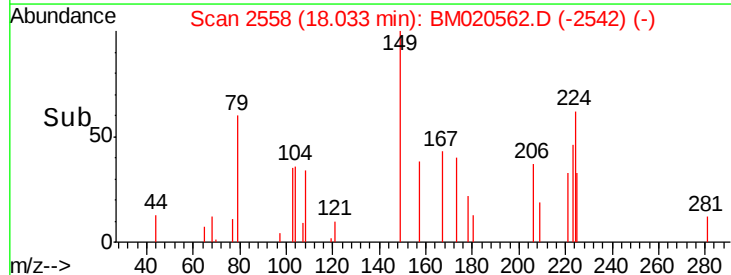
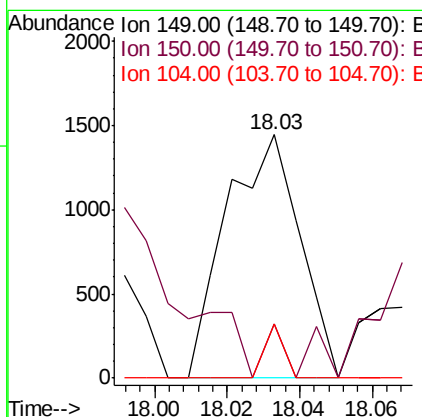
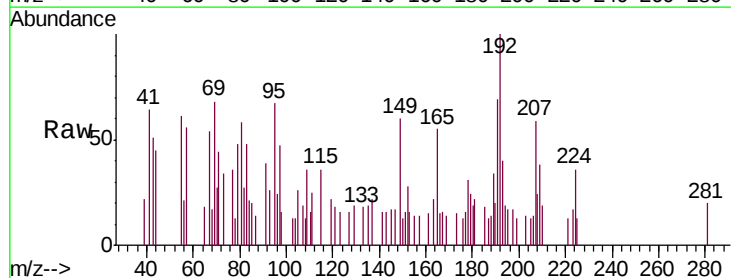
Instrument :
 BNA_M
 ClientSampleId :
 SU-03-052219-A

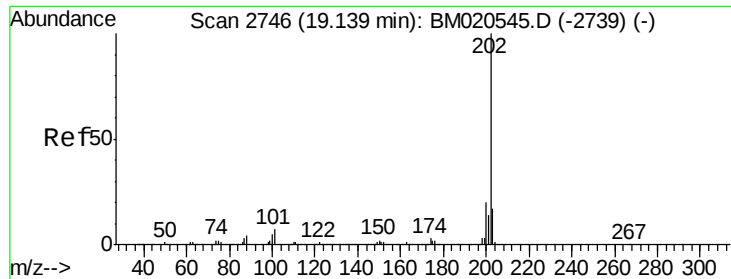
Tgt Ion:167 Resp: 12219
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.4 26.0
 139 13.4 9.3 13.9



#74
 Di-n-butylphthalate
 Concen: 0.065 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM020562.D
 Acq: 25 May 2019 03:56

Tgt Ion:149 Resp: 2041
 Ion Ratio Lower Upper
 149 100
 150 22.3 7.3 10.9#
 104 22.4 5.0 7.4#





#75

Fluoranthene

Concen: 15.218 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

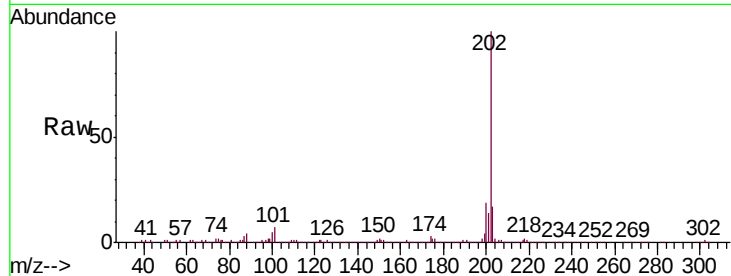
Tgt Ion:202 Resp: 648276

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.7

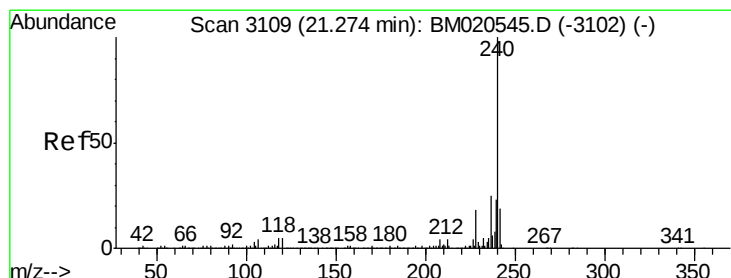
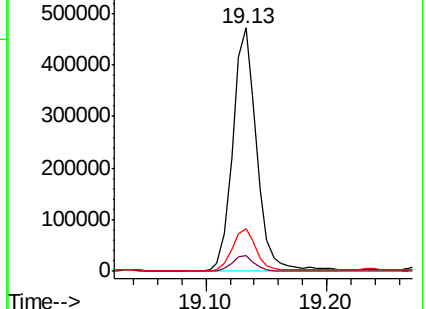
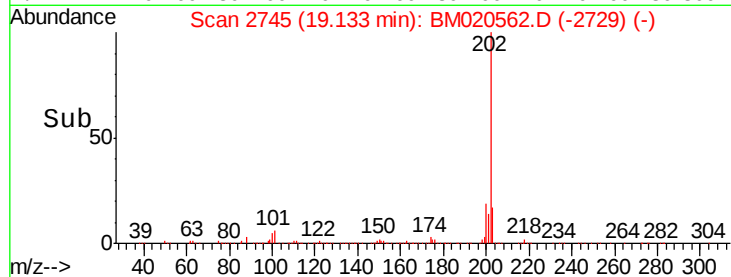
203 17.5 0.0 37.4



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: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

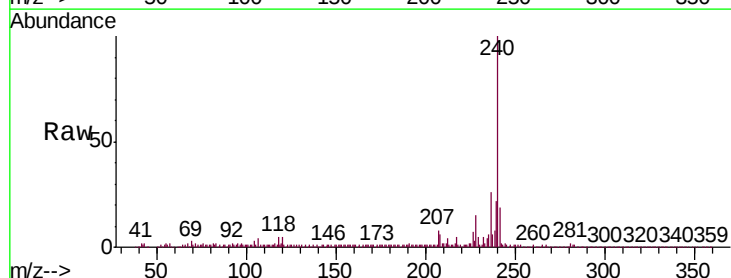
Tgt Ion:240 Resp: 531646

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

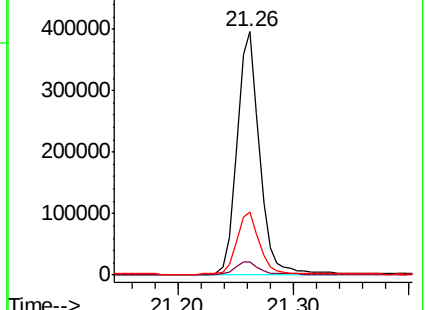
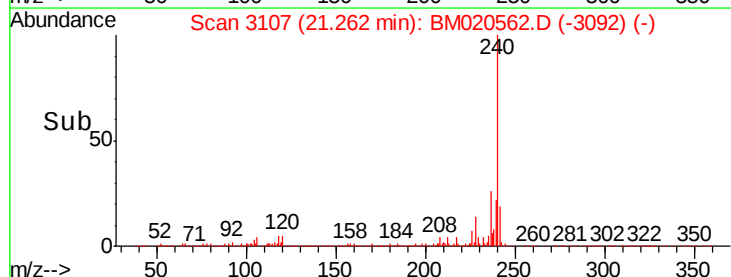
236 26.2 20.2 30.4

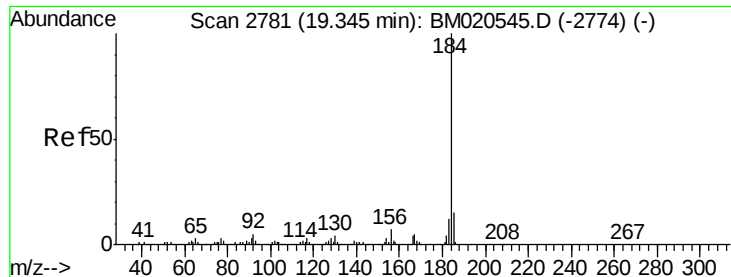


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.047 ng

RT: 19.34 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

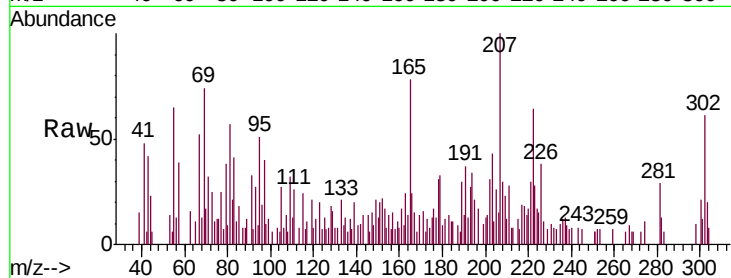
Tgt Ion:184 Resp: 460

Ion Ratio Lower Upper

184 100

185 98.8 11.8 17.8#

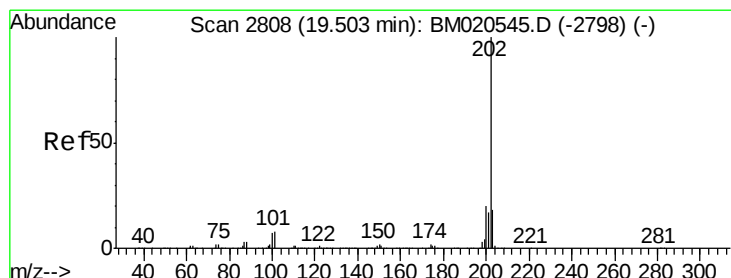
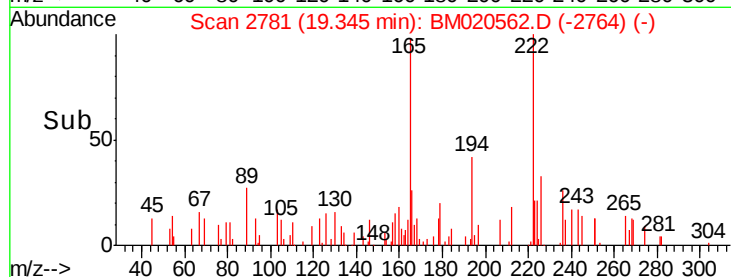
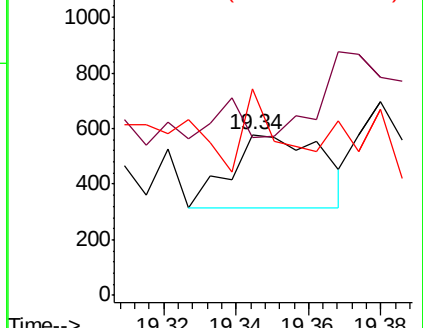
183 128.8 9.7 14.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 19.013 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

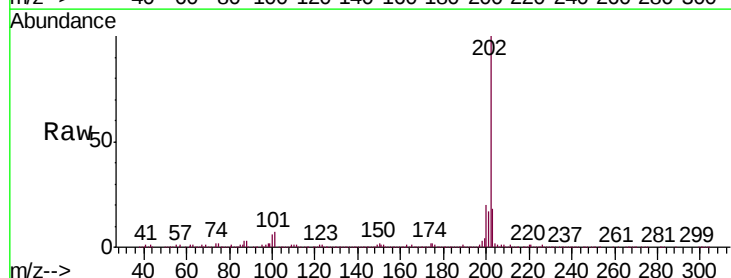
Tgt Ion:202 Resp: 634585

Ion Ratio Lower Upper

202 100

200 20.4 16.0 24.0

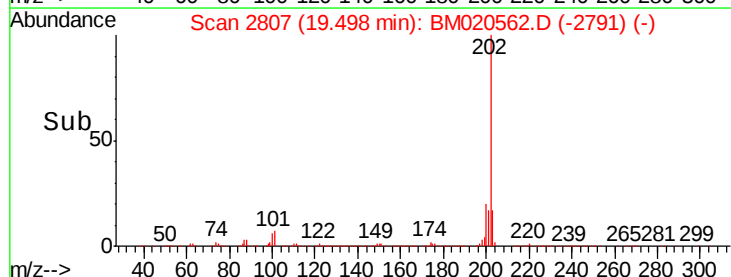
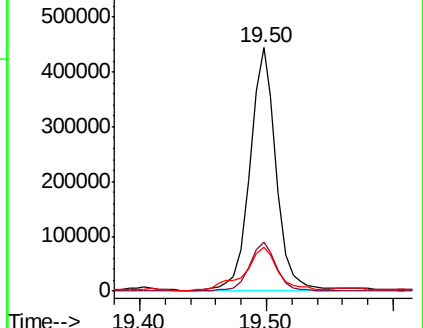
203 18.1 14.1 21.1

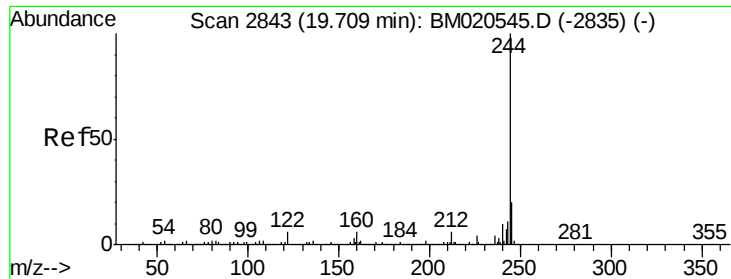


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

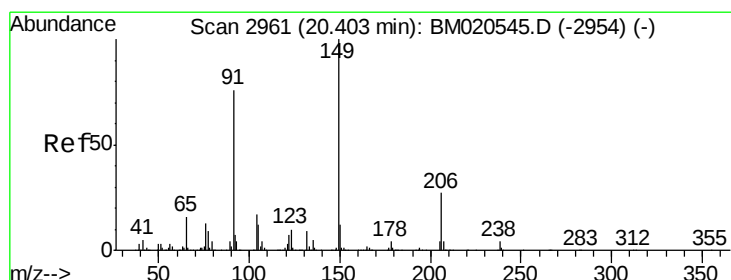
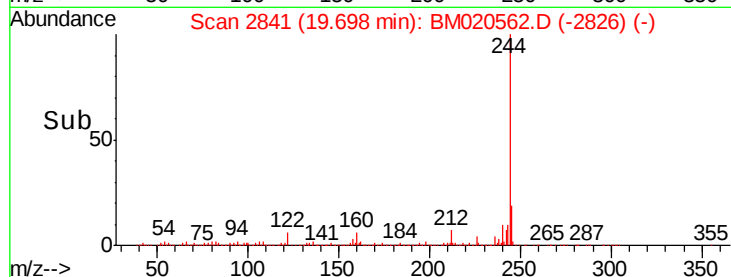
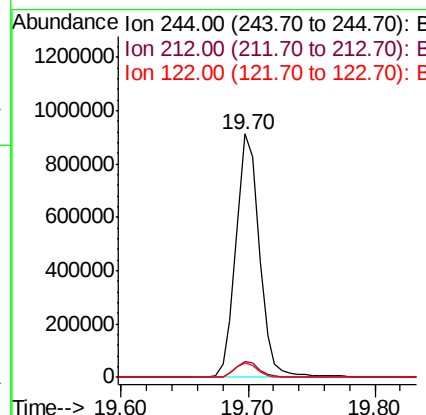
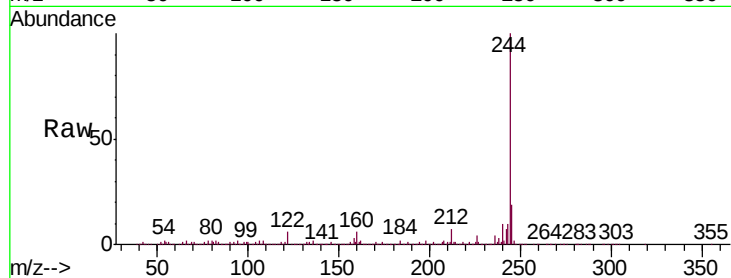




#79
 Terphenyl-d14
 Concen: 39.764 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM020562.D
 Acq: 25 May 2019 03:56

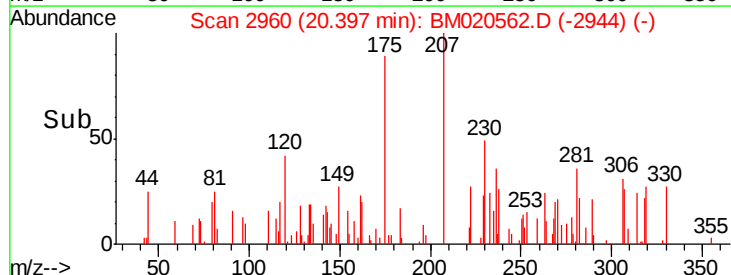
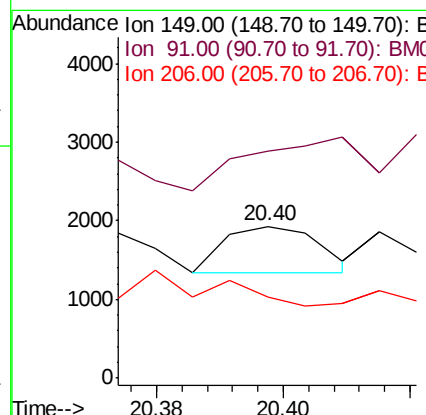
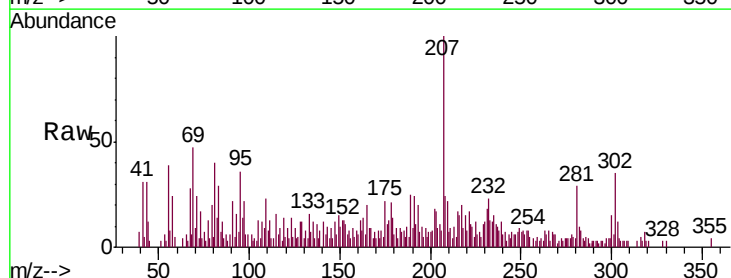
Instrument :
 BNA_M
 ClientSampleId :
 SU-03-052219-A

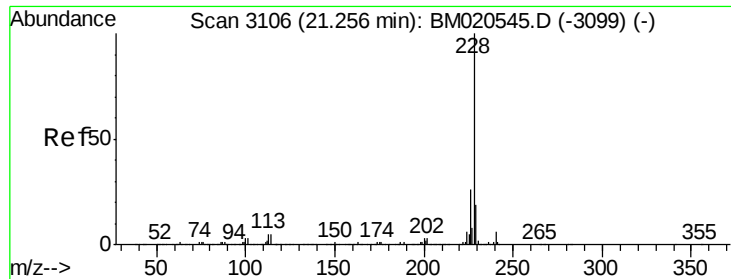
Tgt Ion:244 Resp: 1169404
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.6
 122 5.8 4.6 7.0



#80
 Butylbenzylphthalate
 Concen: 0.052 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM020562.D
 Acq: 25 May 2019 03:56

Tgt Ion:149 Resp: 611
 Ion Ratio Lower Upper
 149 100
 91 149.1 60.9 91.3#
 206 53.4 21.6 32.4#

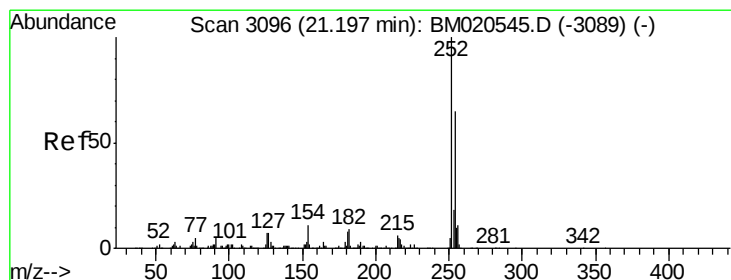
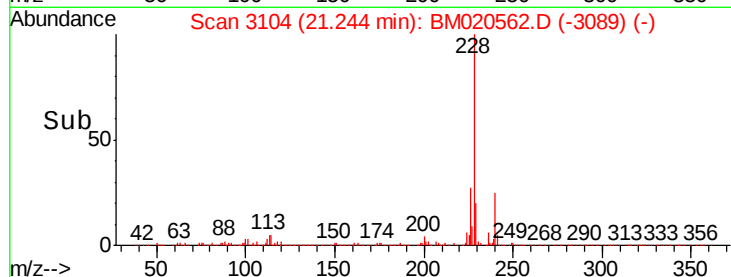
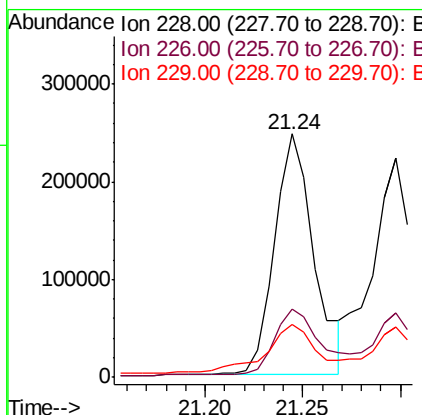
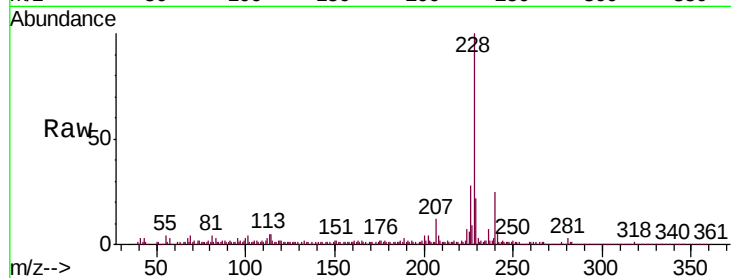




#81
Benzo(a)anthracene
Concen: 9.376 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

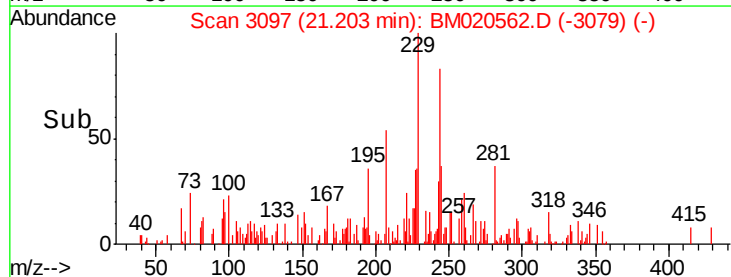
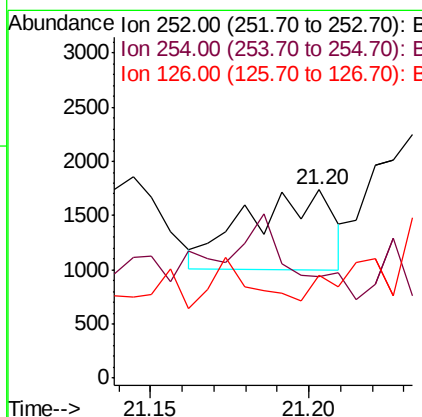
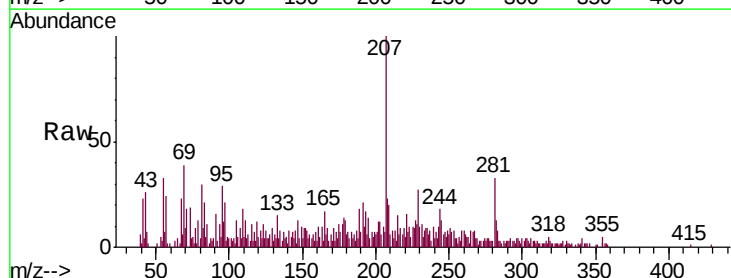
Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

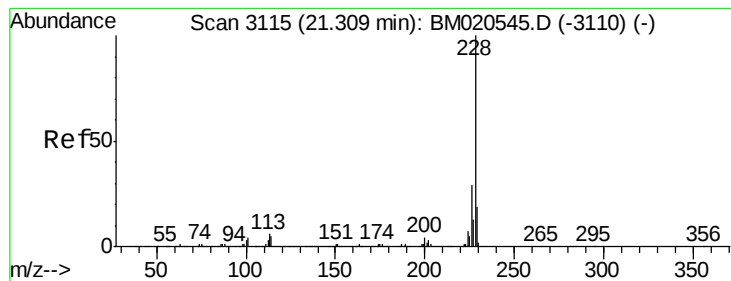
Tgt Ion:228 Resp: 344989
Ion Ratio Lower Upper
228 100
226 27.9 20.7 31.1
229 21.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 0.102 ng
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

Tgt Ion:252 Resp: 1366
Ion Ratio Lower Upper
252 100
254 53.9 51.8 77.6
126 54.5 5.2 7.8#





#83

Chrysene

Concen: 9.140 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

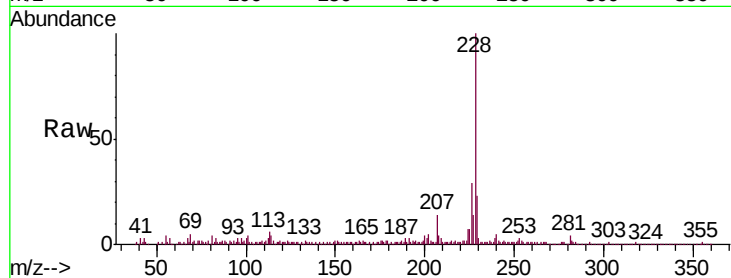
Tgt Ion:228 Resp: 324988

Ion Ratio Lower Upper

228 100

226 29.4 22.9 34.3

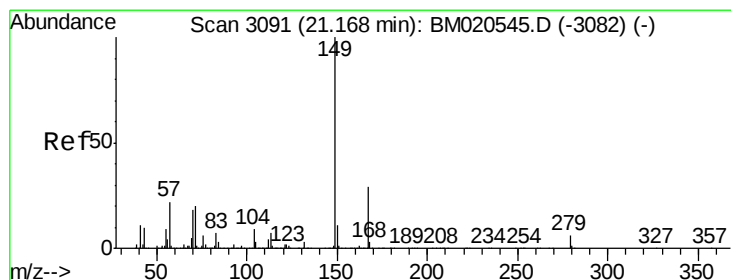
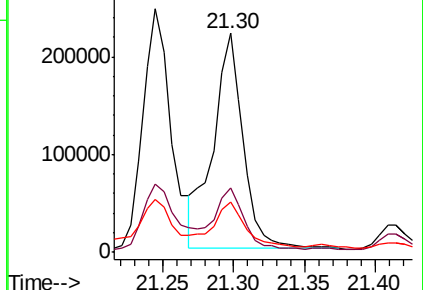
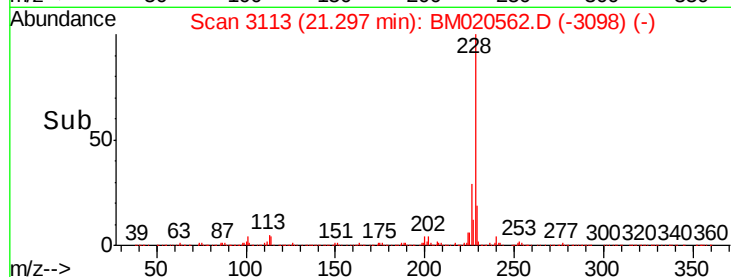
229 23.1 15.4 23.2



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: 0.383 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

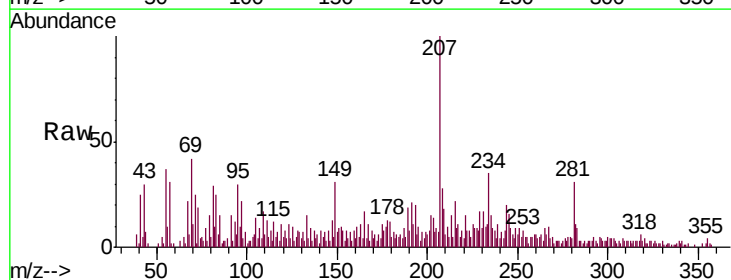
Tgt Ion:149 Resp: 6553

Ion Ratio Lower Upper

149 100

167 36.4 22.9 34.3#

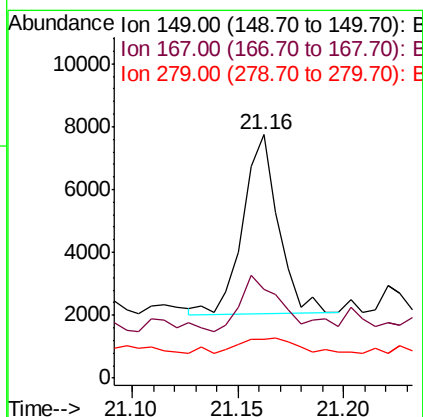
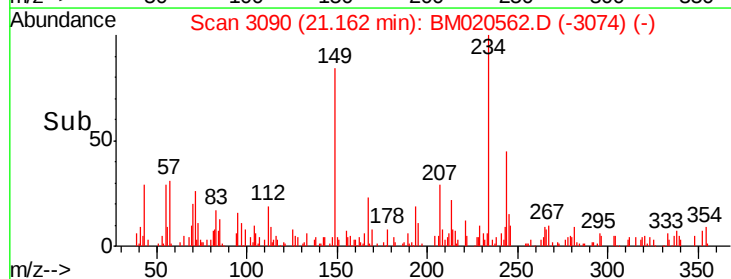
279 16.0 4.9 7.3#

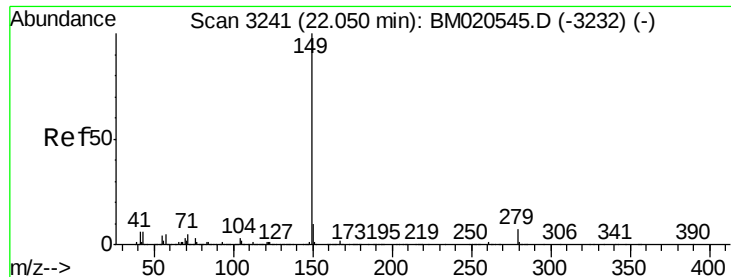


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.096 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

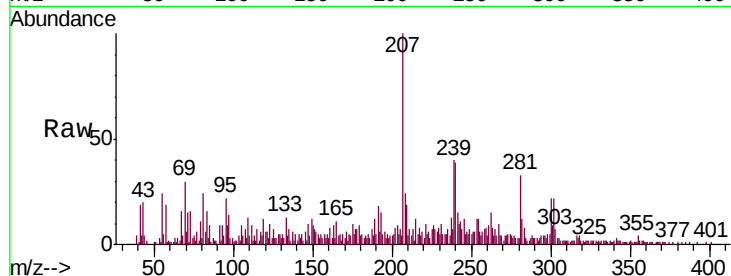
Tgt Ion:149 Resp: 2849

Ion Ratio Lower Upper

149 100

167 23.3 1.4 2.0#

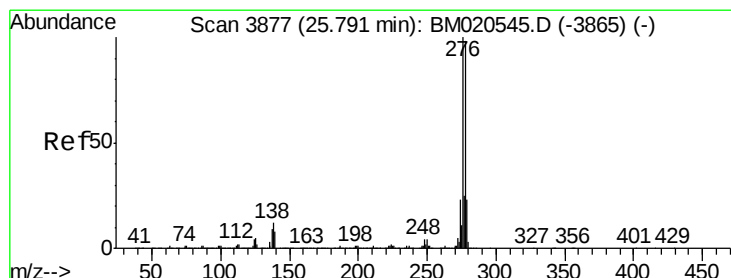
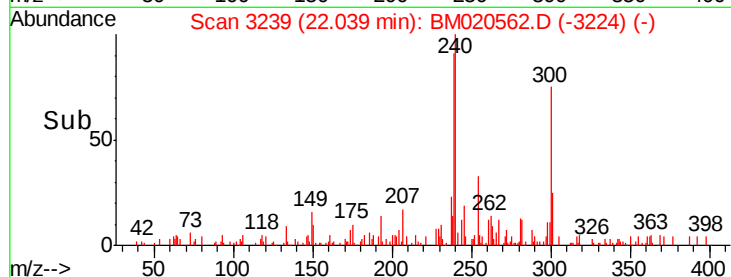
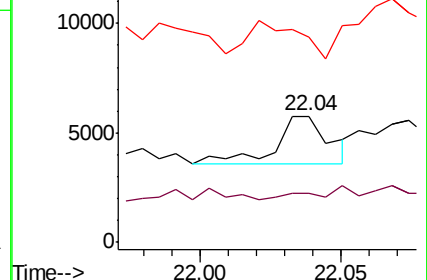
43 0.0 4.8 7.2#



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: 4.855 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.02 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

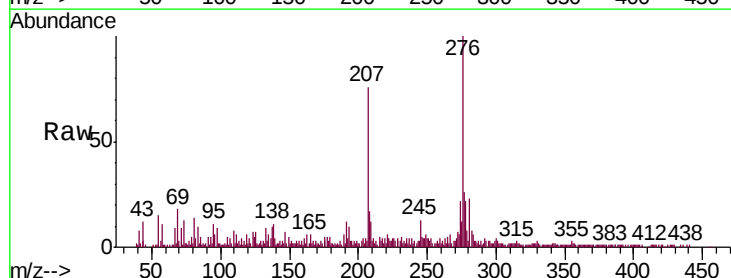
Tgt Ion:276 Resp: 208718

Ion Ratio Lower Upper

276 100

138 10.2 9.7 14.5

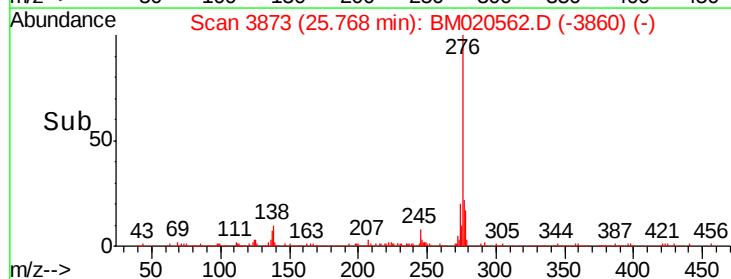
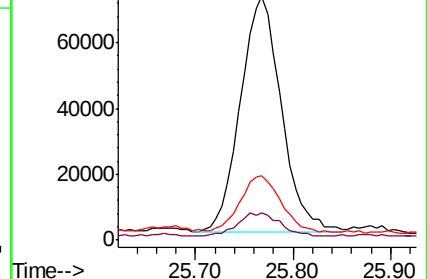
277 23.7 20.4 30.6

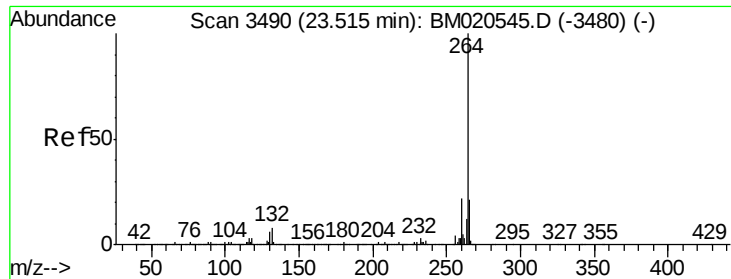


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. -0.02 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

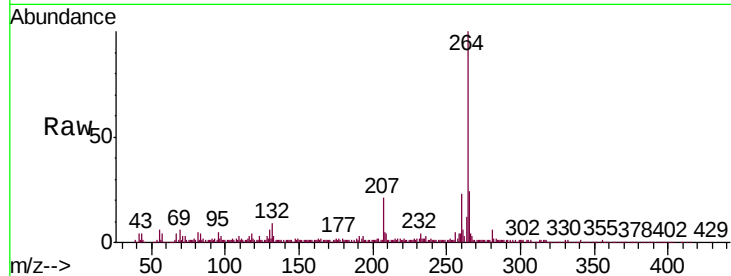
Tgt Ion:264 Resp: 539503

Ion Ratio Lower Upper

264 100

260 23.5 17.7 26.5

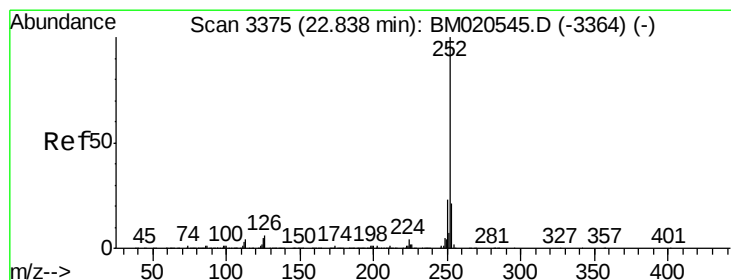
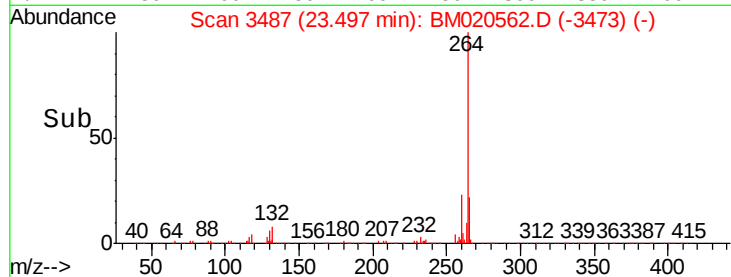
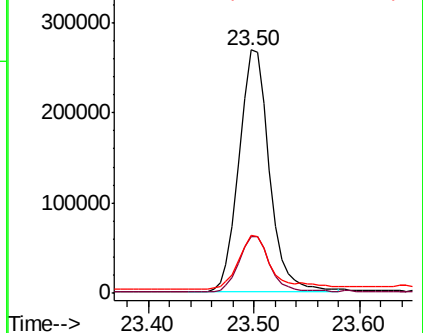
265 24.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 15.948 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

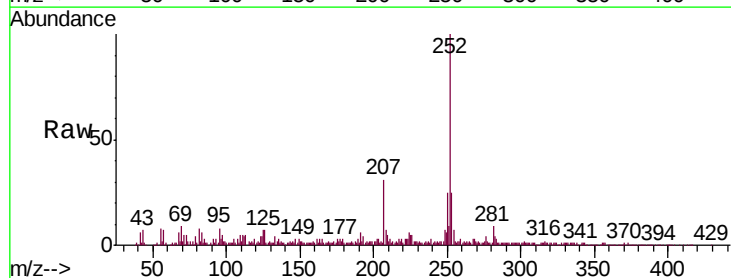
Tgt Ion:252 Resp: 563146

Ion Ratio Lower Upper

252 100

253 25.1 17.1 25.7

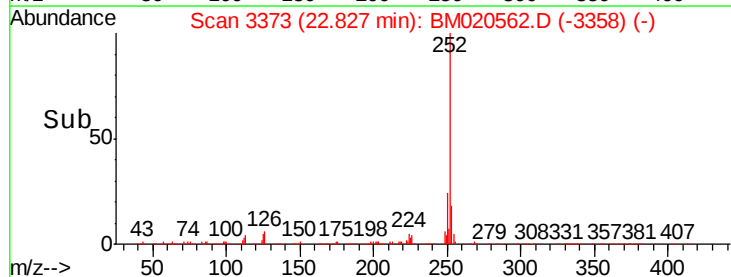
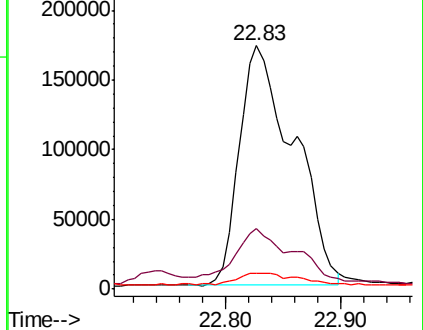
125 6.7 3.8 5.8#

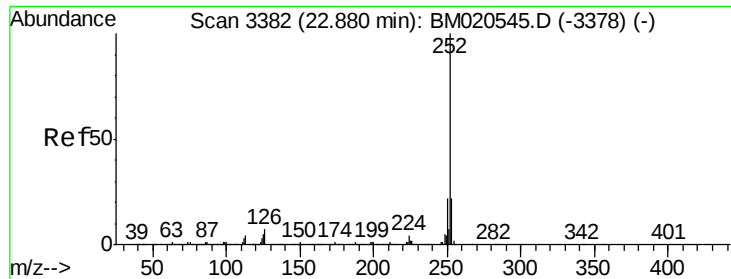


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

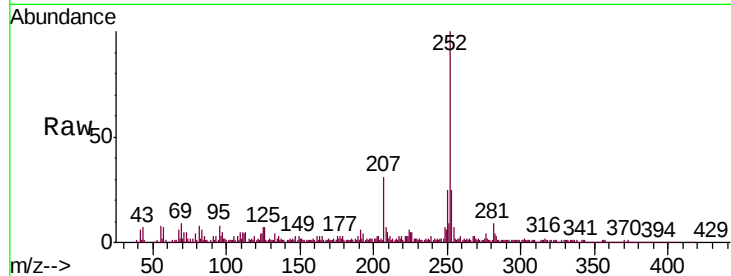




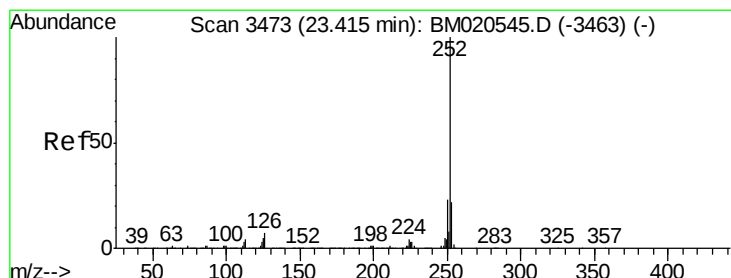
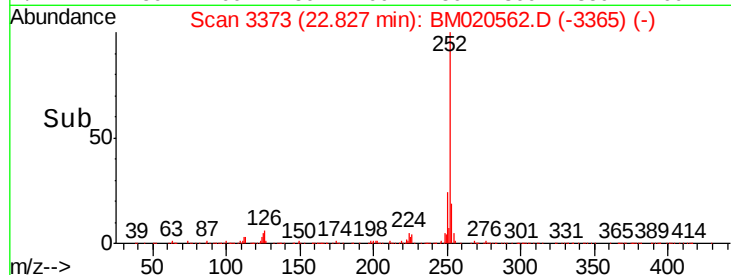
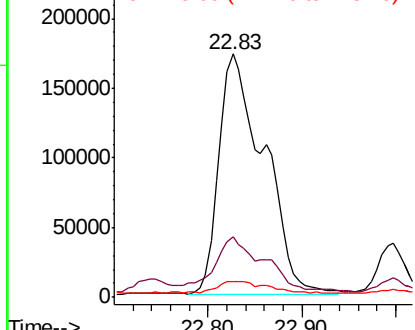
#89
Benzo(k)fluoranthene
Concen: 16.700 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.05 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

Instrument :
BNA_M
ClientSampleId :
SU-03-052219-A

Tgt Ion:252 Resp: 572323
Ion Ratio Lower Upper
252 100
253 25.1 17.6 26.4
125 6.7 4.2 6.4#

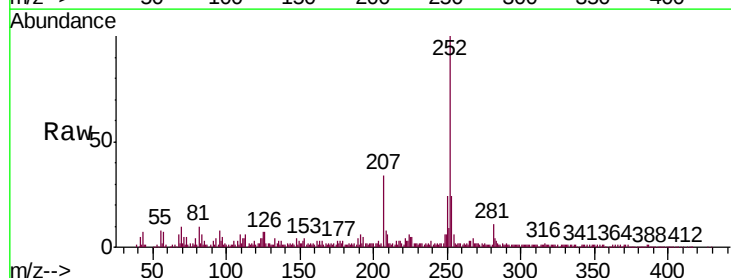


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

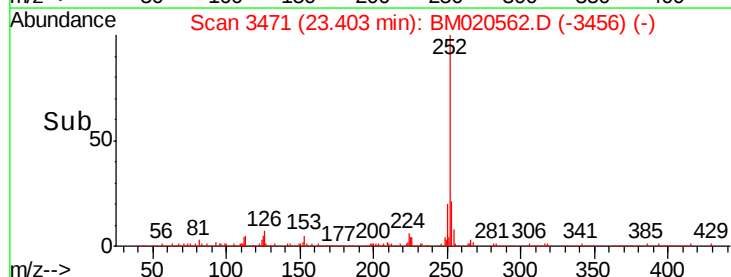
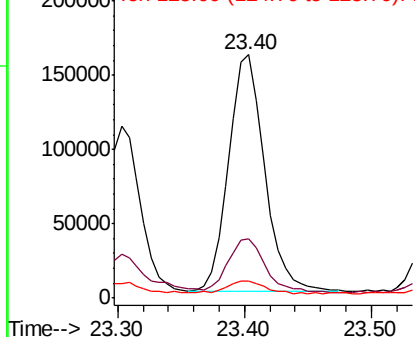


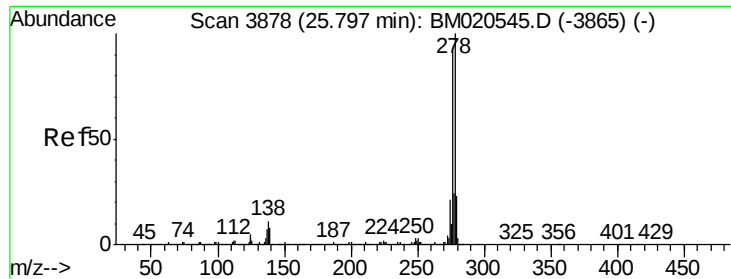
#90
Benzo(a)pyrene
Concen: 9.550 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM020562.D
Acq: 25 May 2019 03:56

Tgt Ion:252 Resp: 310326
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 7.2 4.2 6.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 1.615 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.02 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

Instrument :

BNA_M

ClientSampleId :

SU-03-052219-A

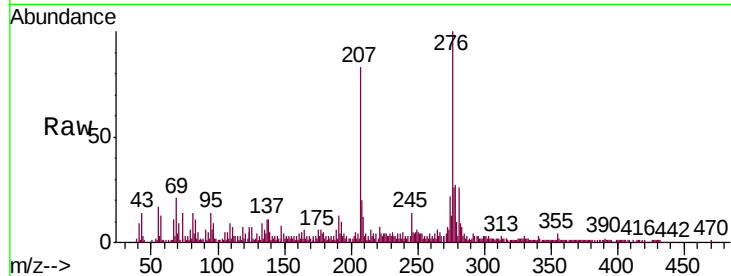
Tgt Ion: 278 Resp: 53726

Ion Ratio Lower Upper

278 100

139 17.7 6.3 9.5#

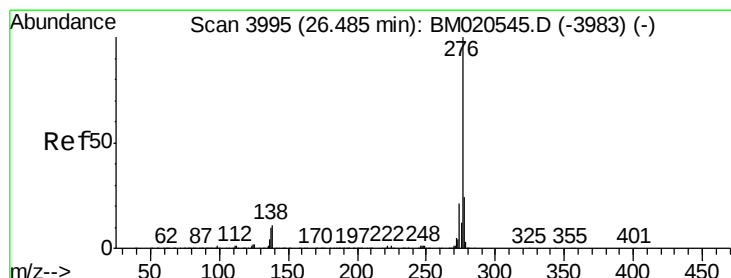
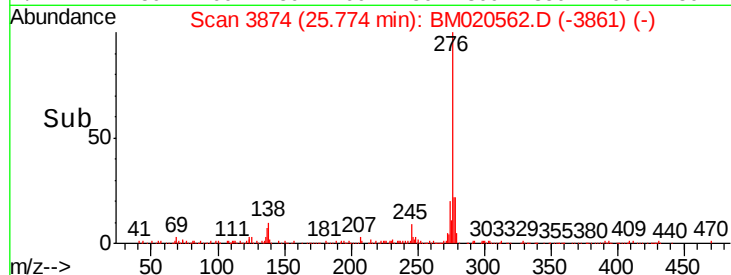
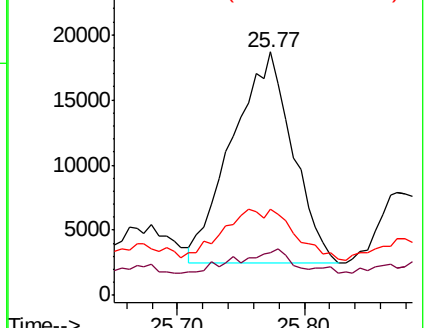
279 35.4 18.3 27.5#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 7.039 ng

RT: 26.46 min Scan# 3991

Delta R.T. -0.02 min

Lab File: BM020562.D

Acq: 25 May 2019 03:56

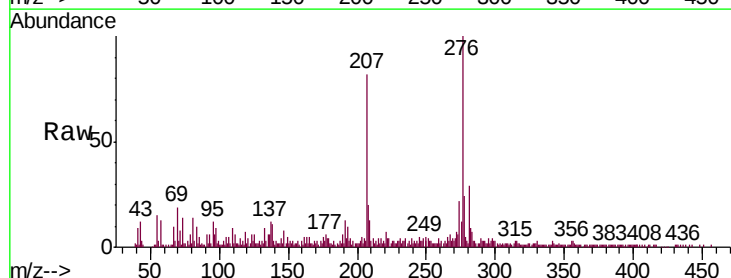
Tgt Ion: 276 Resp: 217041

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 10.6 8.6 12.8



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

