

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020598.D
 Acq On : 29 May 2019 14:19
 Operator : JU/SJ
 Sample : K3004-01 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-26835

Quant Time: May 29 14:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 14:38:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	42653	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	172260	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	123719	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	338058	20.00	ng	0.00
76) Chrysene-d12	21.24	240	407904	20.00	ng	0.00
87) Perylene-d12	23.47	264	467602	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	38049	17.50	ng	0.00
7) Phenol-d6	6.81	99	40168	12.24	ng	0.00
23) Nitrobenzene-d5	8.81	82	23622	5.76	ng	0.01
42) 2,4,6-Tribromophenol	15.79	330	39189	15.81	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	105017	10.65	ng	0.00
79) Terphenyl-d14	19.67	244	240998	10.68	ng	0.00

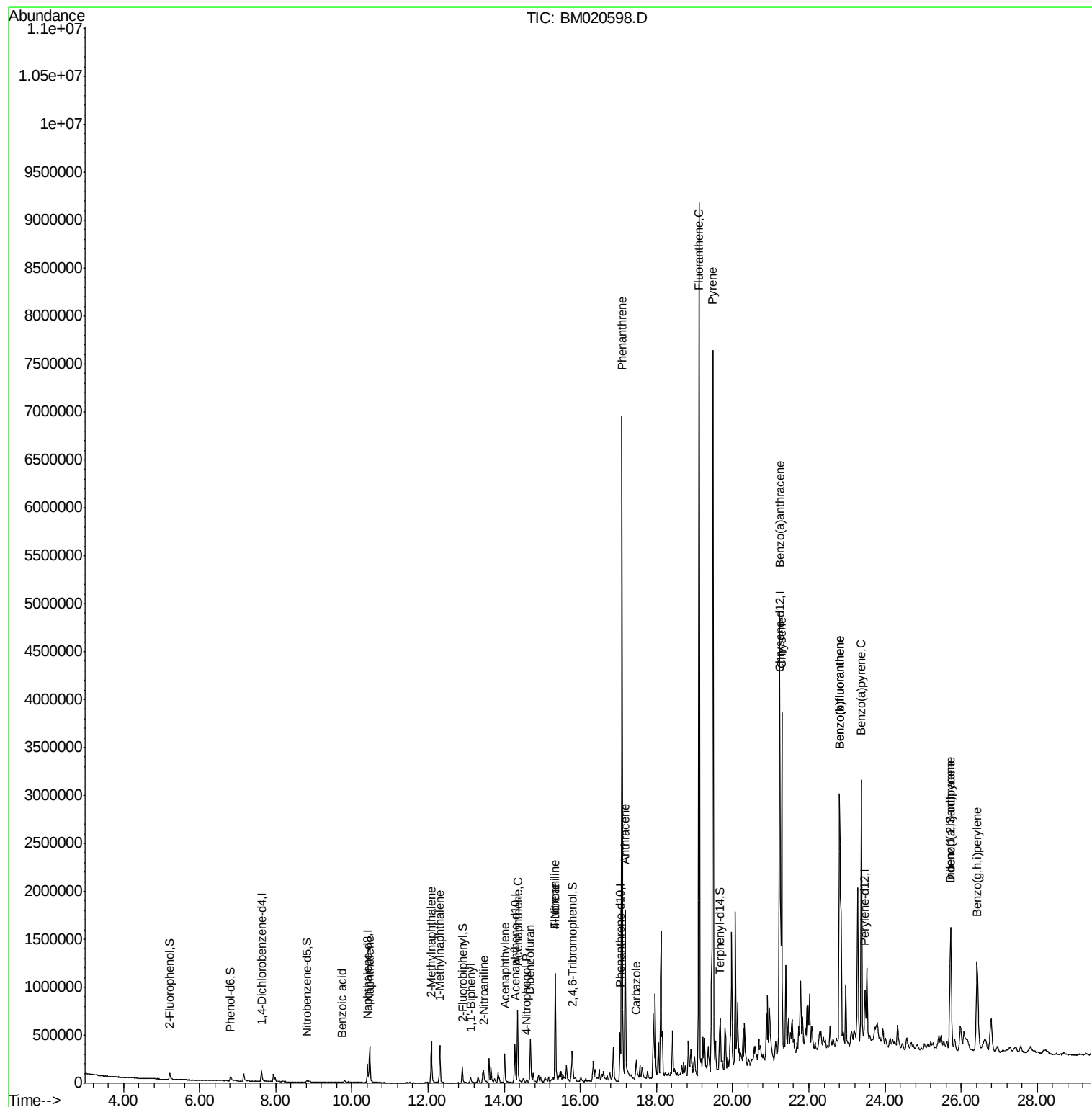
Target Compounds				Qvalue		
31) Naphthalene	10.46	128	306154	34.421	ng	98
32) Benzoic acid	9.73	122	2715	11.495	ng	# 69
37) 2-Methylnaphthalene	12.09	142	213055	31.355	ng	99
38) 1-Methylnaphthalene	12.30	142	171620	26.068	ng	97
46) 1,1'-Biphenyl	13.12	154	42709	4.482	ng	98
48) 2-Nitroaniline	13.45	65	1668	6.006	ng	# 14
49) Acenaphthylene	14.01	152	194478	15.832	ng	97
52) Acenaphthene	14.35	154	259524	35.060	ng	97
55) Dibenzofuran	14.69	168	299224	23.360	ng	98
56) 4-Nitrophenol	14.58	139	971	9.625	ng	# 1
58) Fluorene	15.34	166	522097	49.066	ng	100
62) 4-Nitroaniline	15.34	138	6301	3.282	ng	# 1
71) Phenanthrene	17.09	178	4241934	230.978	ng	99
72) Anthracene	17.18	178	1153553	64.770	ng	100
73) Carbazole	17.46	167	148403	9.709	ng	# 93
75) Fluoranthene	19.12	202	6161208	241.251	ng	99
78) Pyrene	19.49	202	5201049	203.099	ng	99
81) Benzo(a)anthracene	21.23	228	2578254	91.326	ng	96
83) Chrysene	21.29	228	2045850	74.996	ng	97
86) Indeno(1,2,3-cd)pyrene	25.73	276	1351889	40.986	ng	96
88) Benzo(b)fluoranthene	22.81	252	3765739	123.042	ng	98
89) Benzo(k)fluoranthene	22.81	252	3770982	126.954	ng	98
90) Benzo(a)pyrene	23.38	252	2230655	79.204	ng	99
91) Dibenzo(a,h)anthracene	25.73	278	324175	11.245	ng	# 87
92) Benzo(g,h,i)perylene	26.42	276	1313109	49.136	ng	99

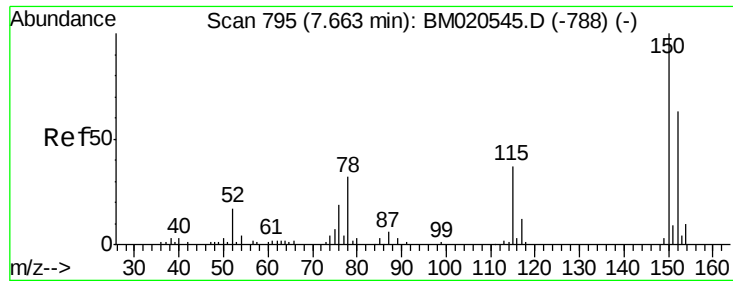
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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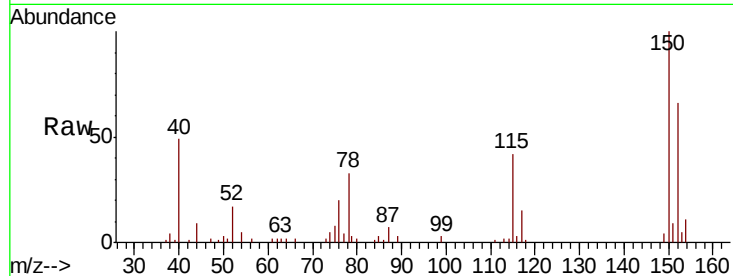


#1

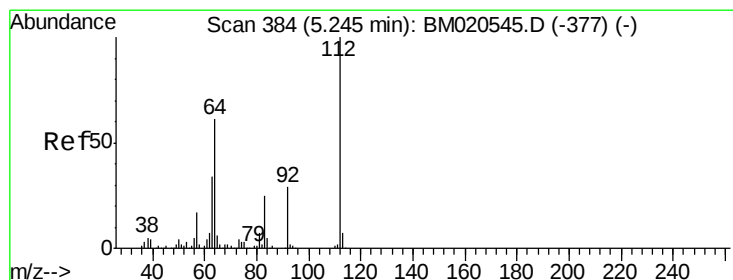
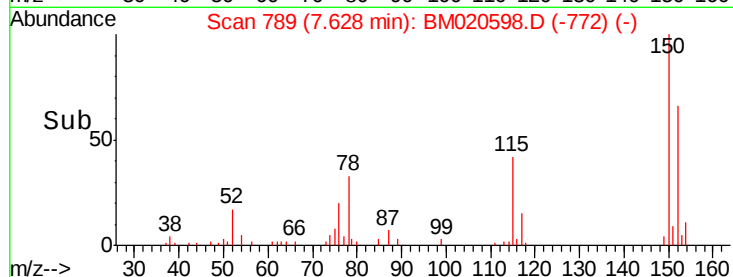
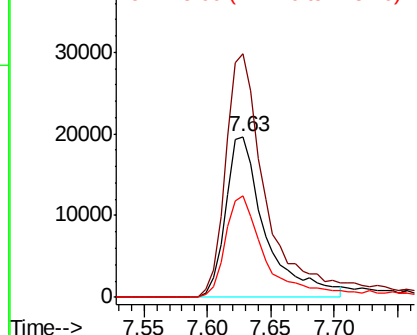
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BM020598.D
 Acq: 29 May 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-26835

Tot Ion:152 Resp: 42653
 Ion Ratio Lower Upper
 152 100
 150 151.8 118.5 177.7
 115 63.1 45.3 67.9



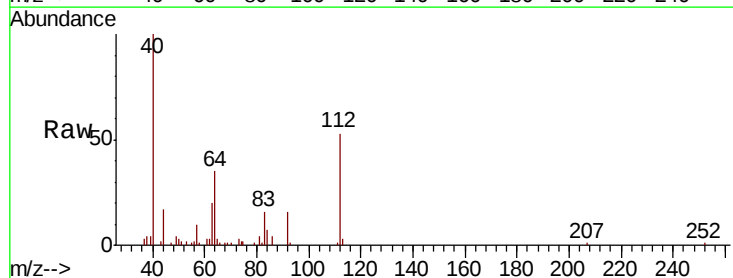
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



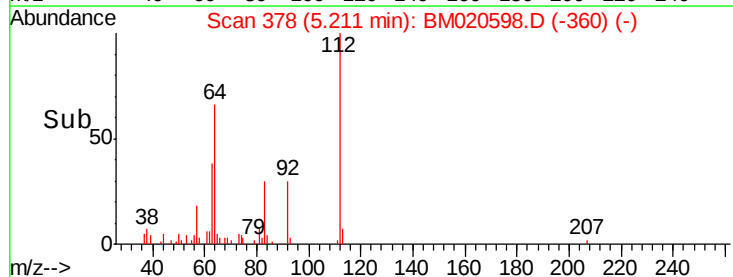
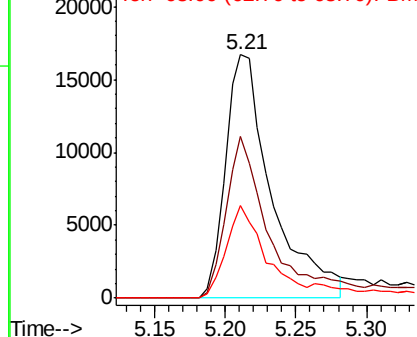
#5

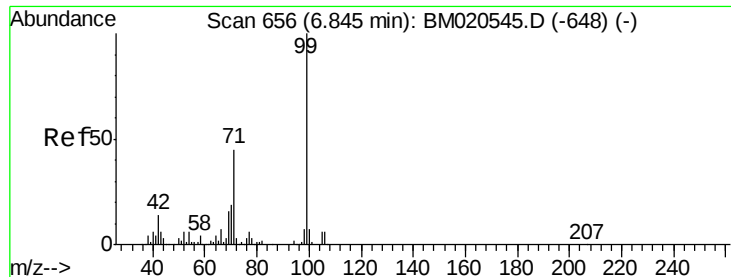
2-Fluorophenol
 Concen: 17.501 ng
 RT: 5.21 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: BM020598.D
 Acq: 29 May 2019 14:19

Tgt Ion:112 Resp: 38049
 Ion Ratio Lower Upper
 112 100
 64 66.3 49.2 73.8
 63 37.8 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 12.241 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

Instrument :

BNA_M

ClientSampleId :

CHRT-26835

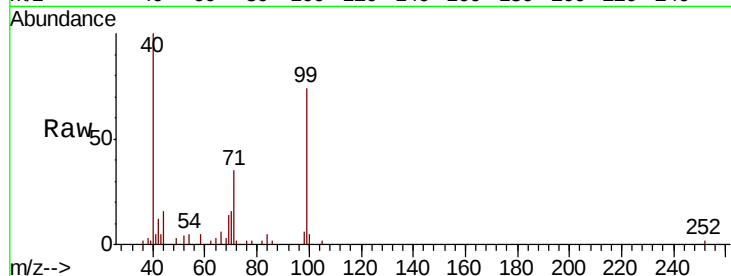
Tot Ion: 99 Resp: 40168

Ion Ratio Lower Upper

99 100

42 16.1 11.4 17.2

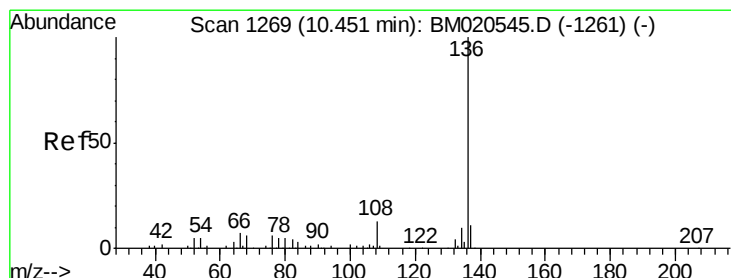
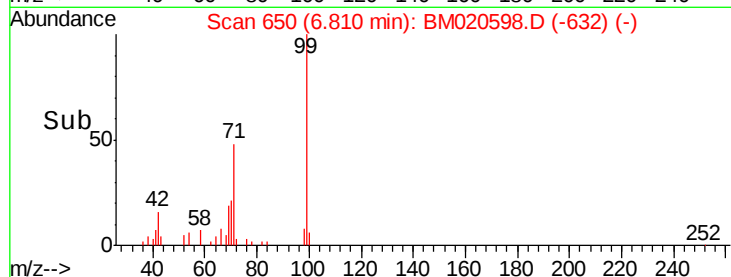
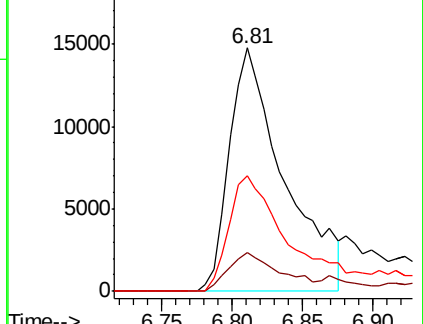
71 47.7 38.3 57.5



Abundance Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM020545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM020545.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

Tgt Ion: 136 Resp: 172260

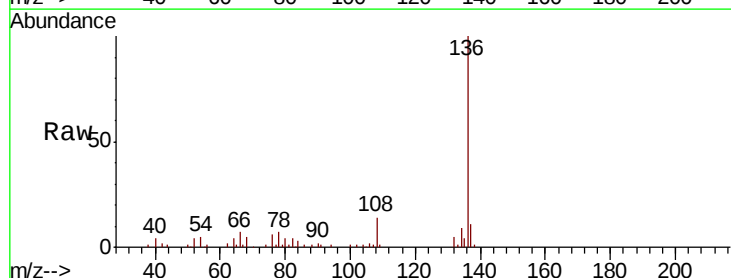
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 5.2 3.8 5.6

68 5.1 4.3 6.5

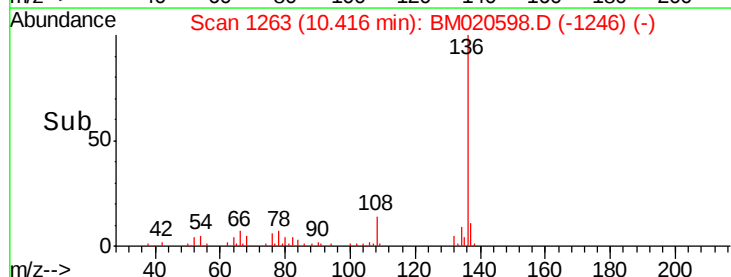
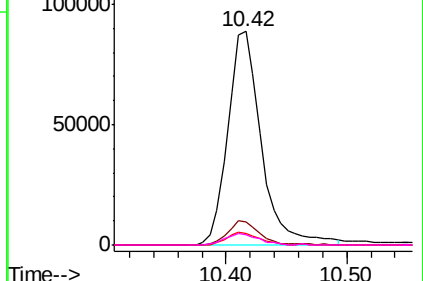


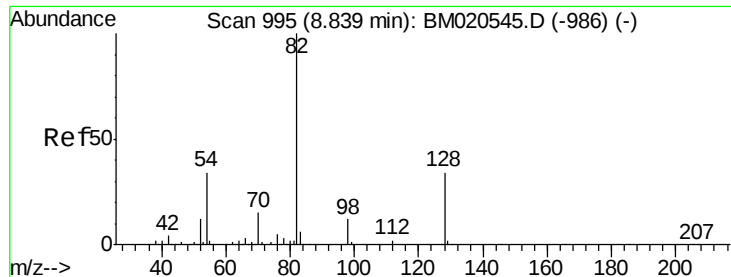
Abundance Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM020545.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM020545.D (-1261) (-)

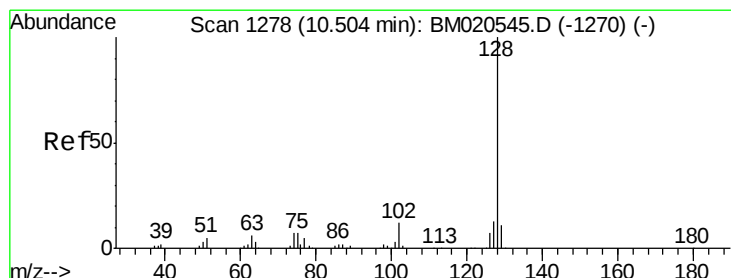
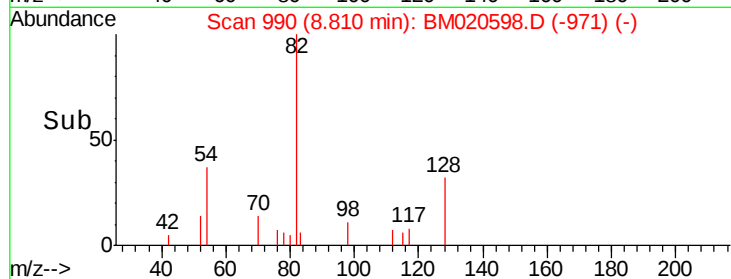
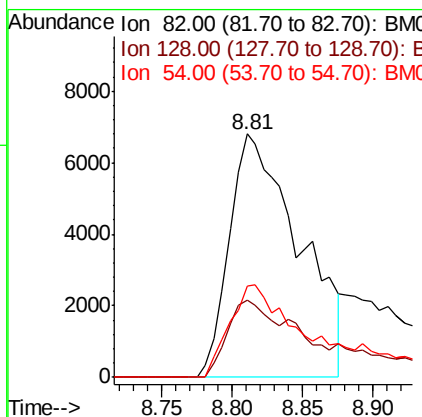
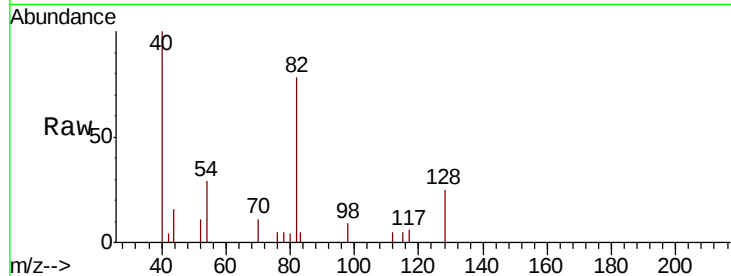




#23
 Nitrobenzene-d5
 Concen: 5.756 ng
 RT: 8.81 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BM020598.D
 Acq: 29 May 2019 14:19

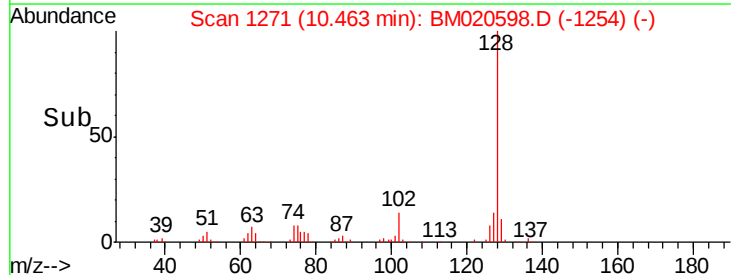
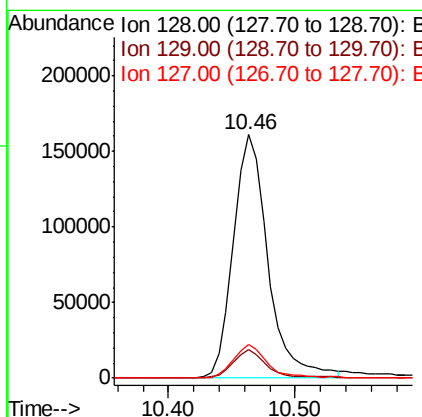
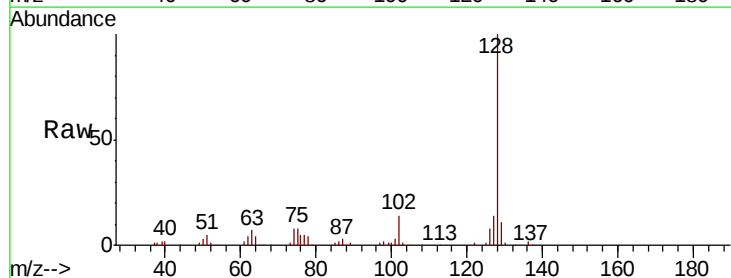
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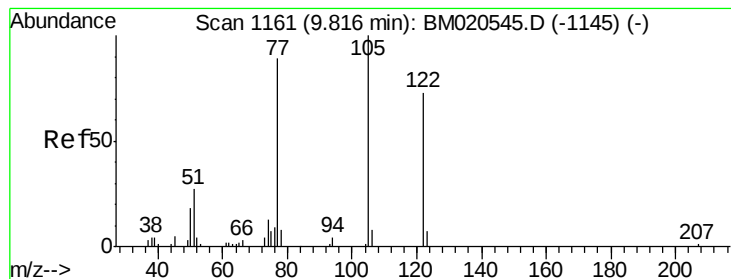
Tot Ion:	82	Resp:	23622
Ion	Ratio	Lower	Upper
82	100		
128	31.5	25.4	38.2
54	37.4	28.0	42.0



#31
 Naphthalene
 Concen: 34.421 ng
 RT: 10.46 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BM020598.D
 Acq: 29 May 2019 14:19

Tgt Ion:	128	Resp:	306154
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.9	10.3	15.5





#32

Benzoic acid

Concen: 11.495 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.04 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

Instrument :

BNA_M

ClientSampleId :

CHRT-26835

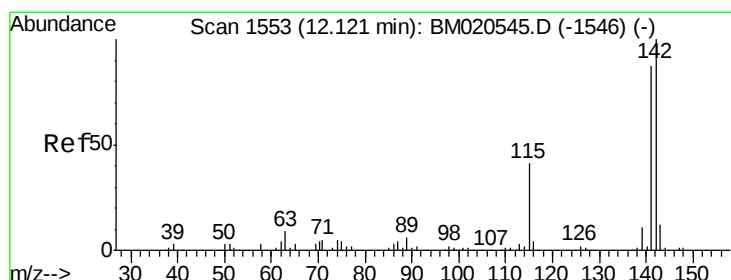
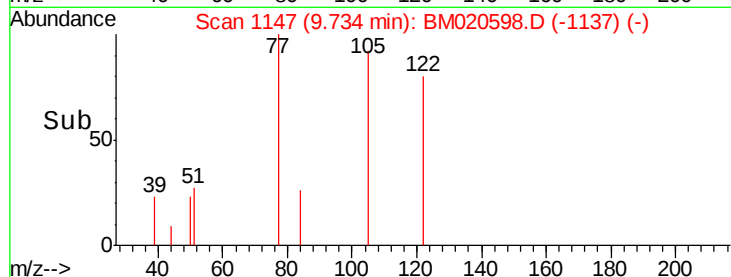
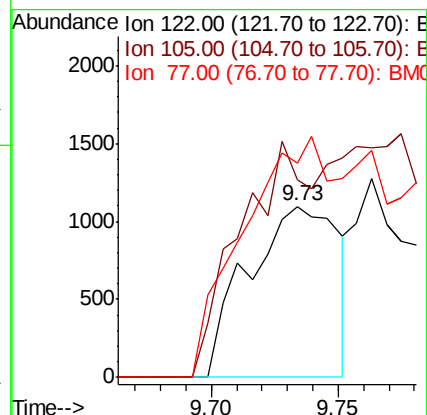
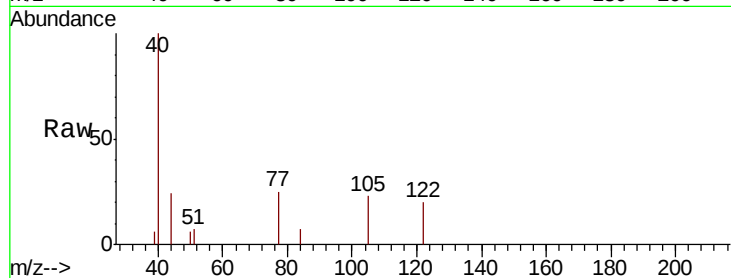
Tot Ion:122 Resp: 2715

Ion Ratio Lower Upper

122 100

105 115.4 65.3 105.3#

77 125.5 77.3 117.3#



#37

2-Methylnaphthalene

Concen: 31.355 ng

RT: 12.09 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

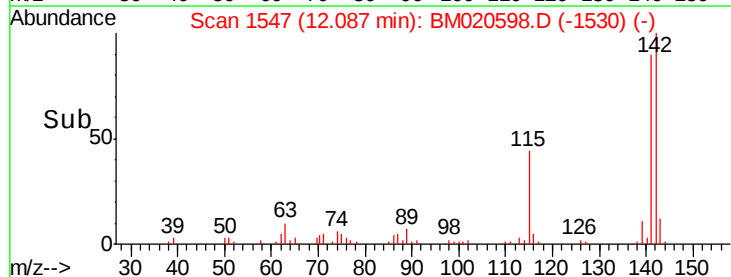
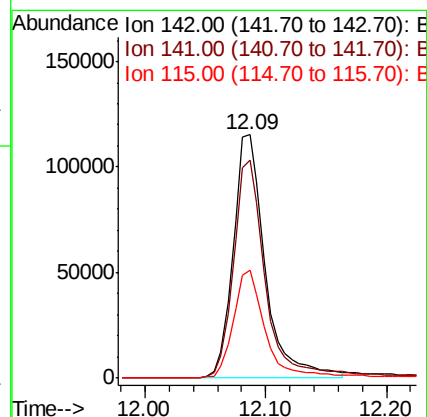
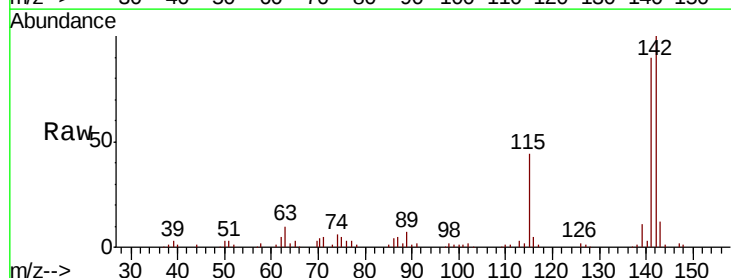
Tgt Ion:142 Resp: 213055

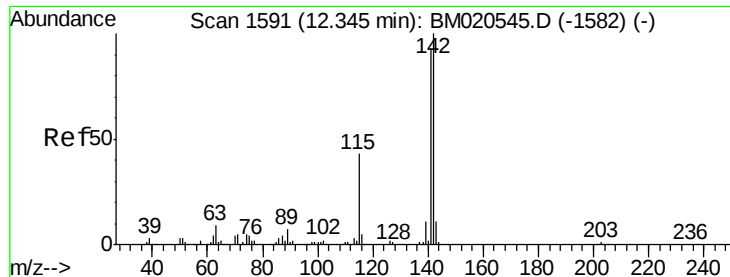
Ion Ratio Lower Upper

142 100

141 89.7 71.7 107.5

115 44.4 34.9 52.3





#38

1-Methylnaphthalene

Concen: 26.068 ng

RT: 12.30 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

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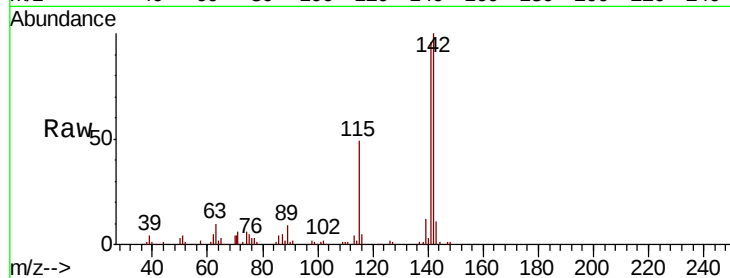
Tot Ion:142 Resp: 171620

Ion Ratio Lower Upper

142 100

141 96.5 74.5 111.7

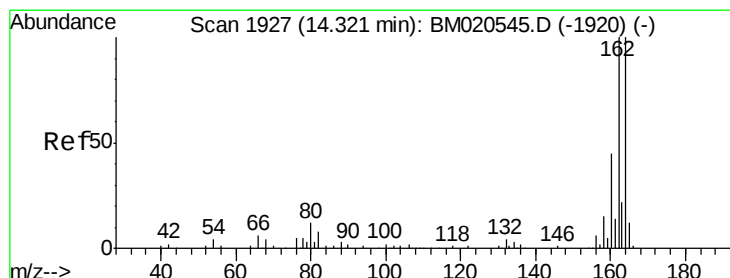
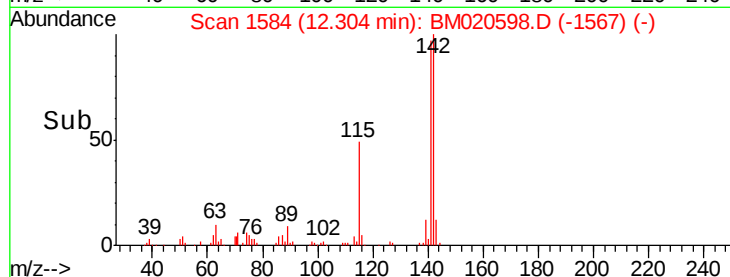
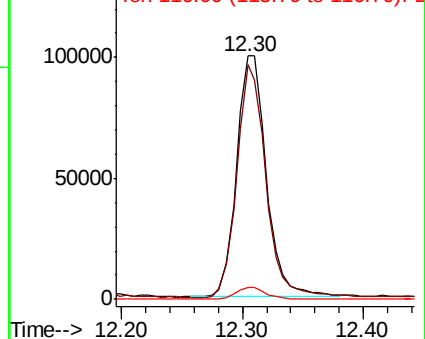
116 5.0 3.8 5.6



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: 14.29 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

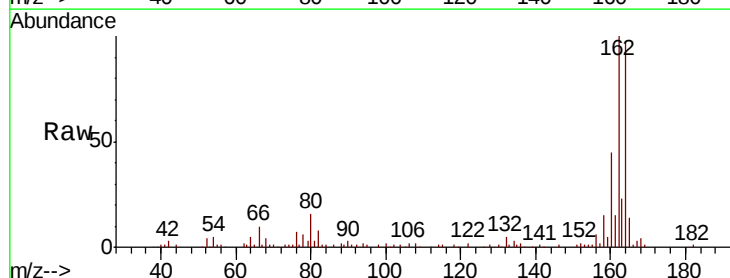
Tgt Ion:164 Resp: 123719

Ion Ratio Lower Upper

164 100

162 103.4 86.0 129.0

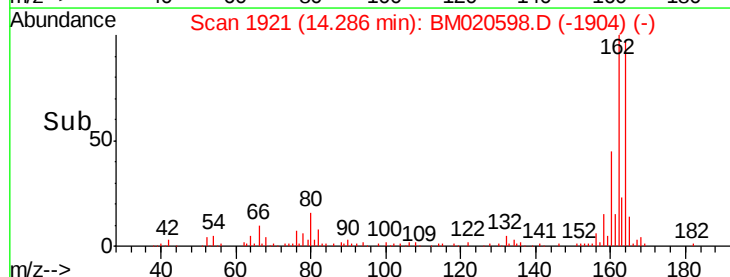
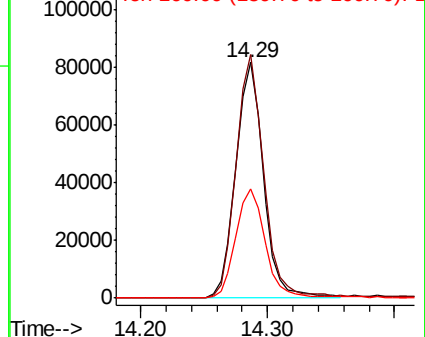
160 46.4 37.5 56.3

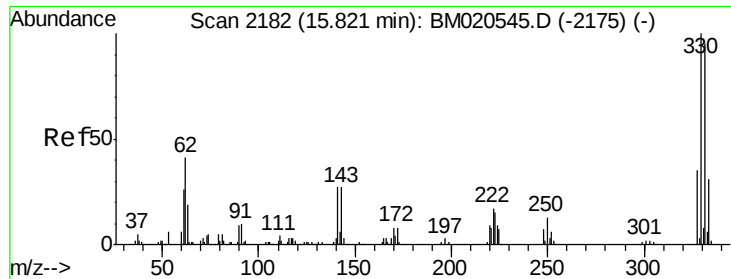


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 15.811 ng

RT: 15.79 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BM020598.D

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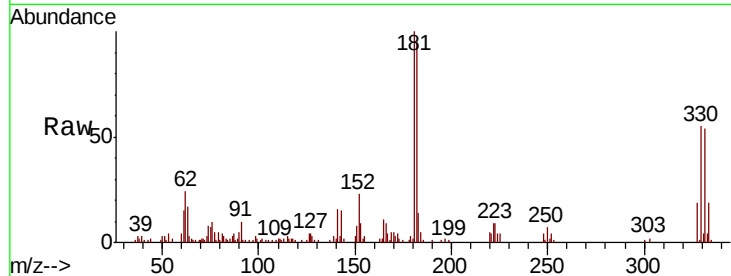
Tot Ion:330 Resp: 39189

Ion Ratio Lower Upper

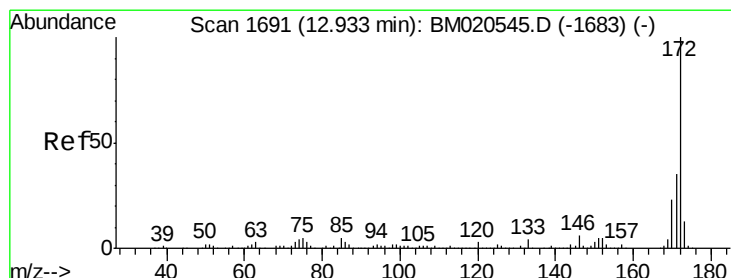
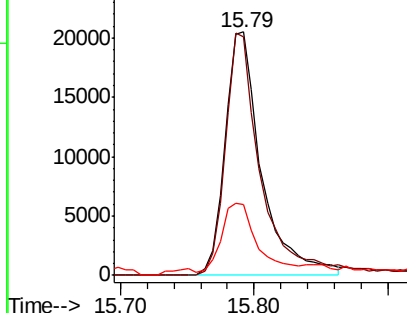
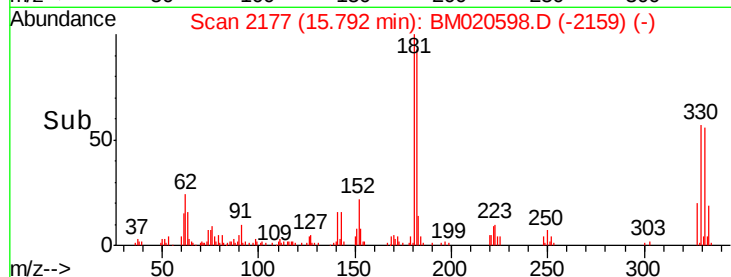
330 100

332 94.4 78.2 117.2

141 27.3 22.3 33.5



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: 10.651 ng

RT: 12.90 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

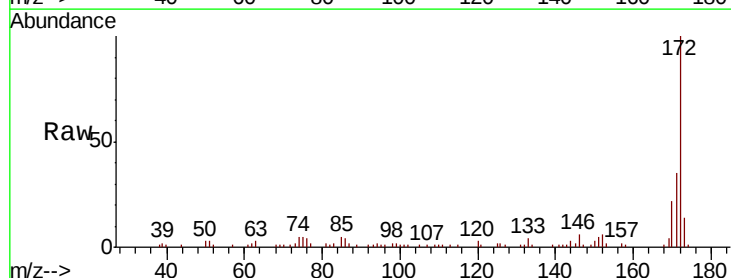
Tgt Ion:172 Resp: 105017

Ion Ratio Lower Upper

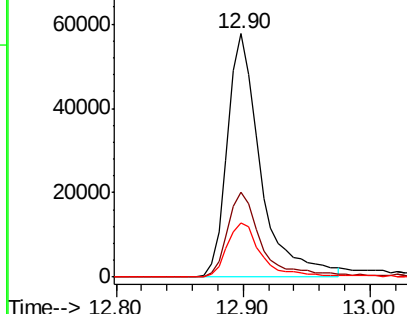
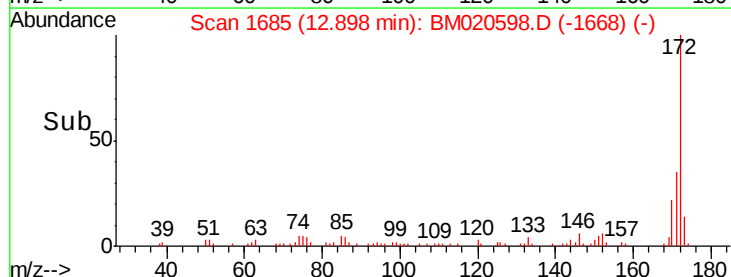
172 100

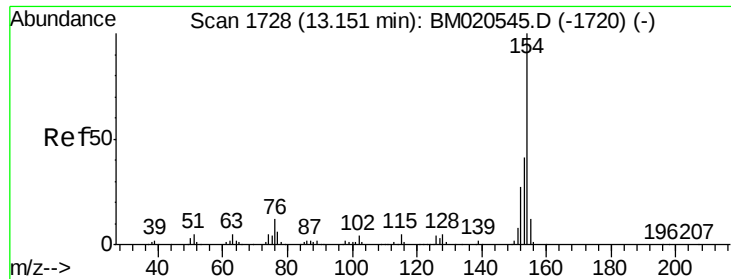
171 35.1 27.9 41.9

170 22.2 18.4 27.6



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: 4.482 ng

RT: 13.12 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

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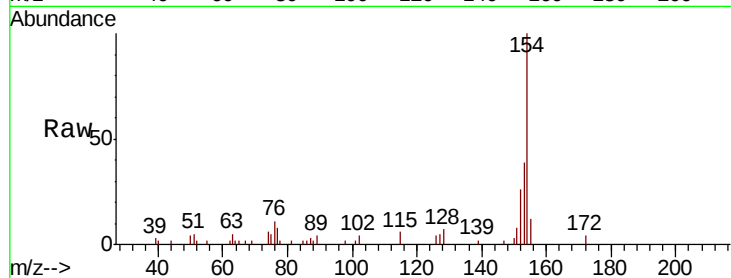
Tot Ion:154 Resp: 42709

Ion Ratio Lower Upper

154 100

153 38.5 19.8 59.8

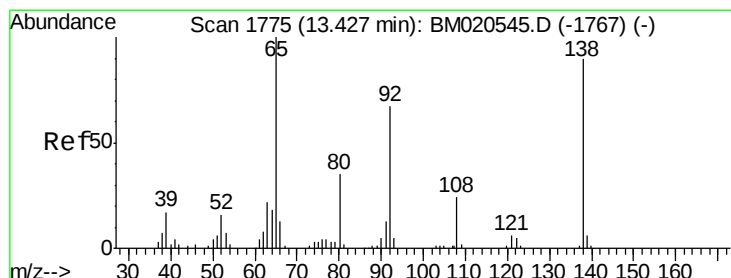
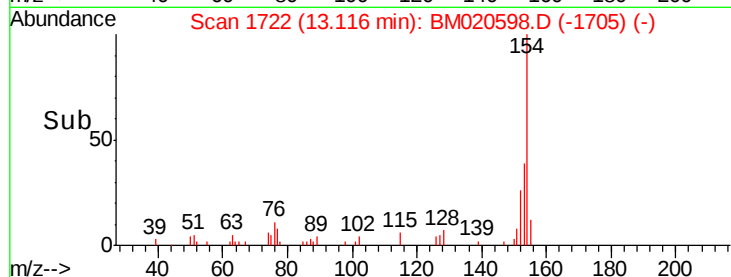
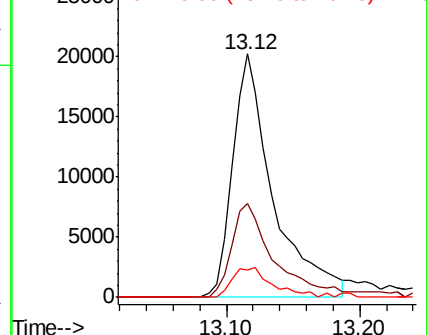
76 11.4 0.0 32.8



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



#48

2-Nitroaniline

Concen: 6.006 ng

RT: 13.45 min Scan# 1779

Delta R.T. 0.06 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

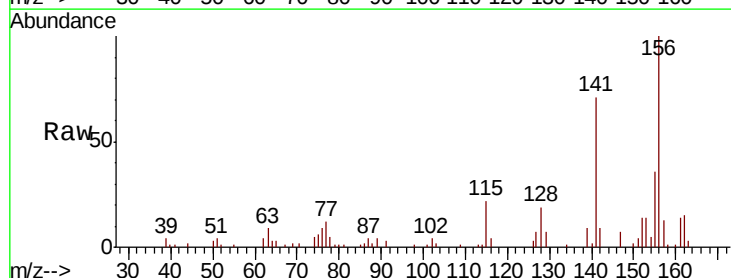
Tgt Ion: 65 Resp: 1668

Ion Ratio Lower Upper

65 100

92 0.0 50.5 75.7#

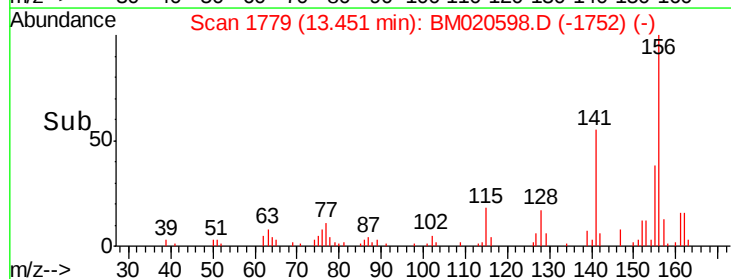
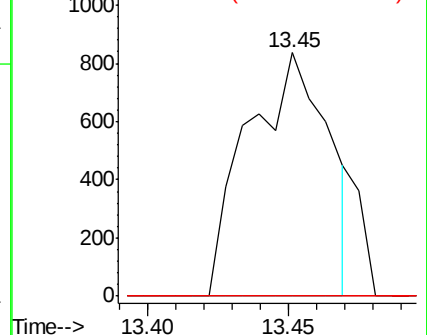
138 0.0 62.7 94.1#

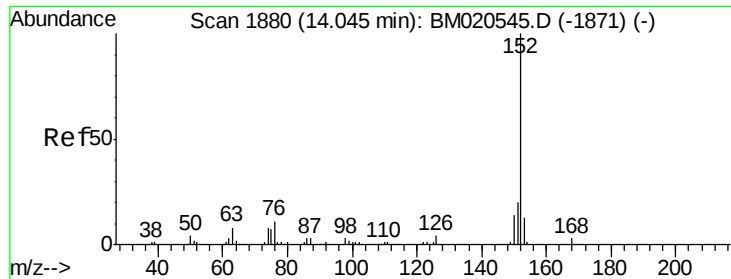


Abundance Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 15.832 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

Instrument :

BNA_M

ClientSampleId :

CHRT-26835

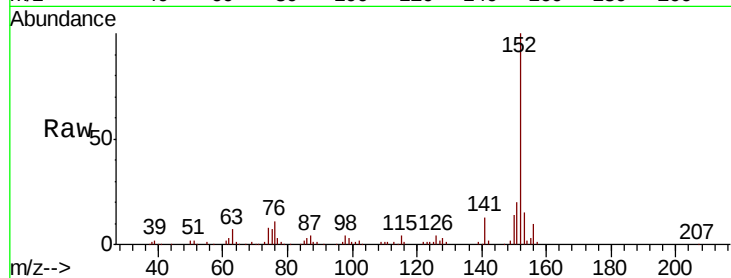
Tot Ion:152 Resp: 194478

Ion Ratio Lower Upper

152 100

151 20.0 15.5 23.3

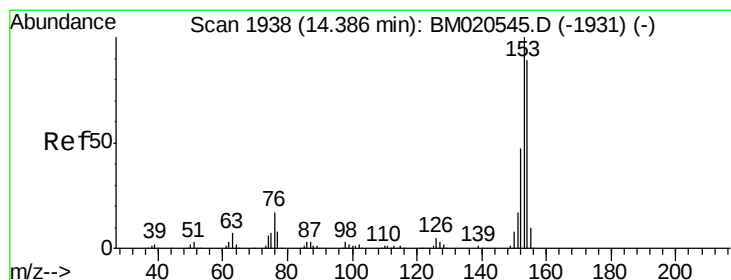
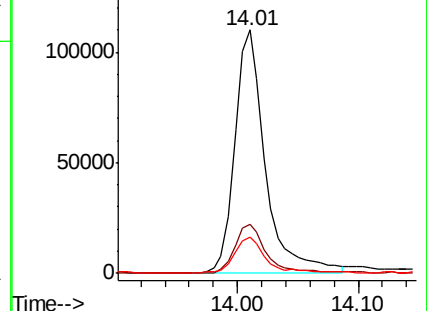
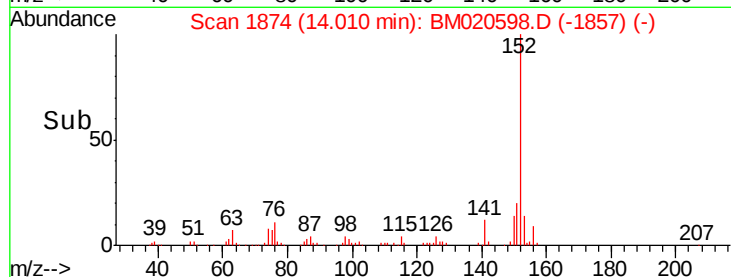
153 14.7 10.4 15.6



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



#52

Acenaphthene

Concen: 35.060 ng

RT: 14.35 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

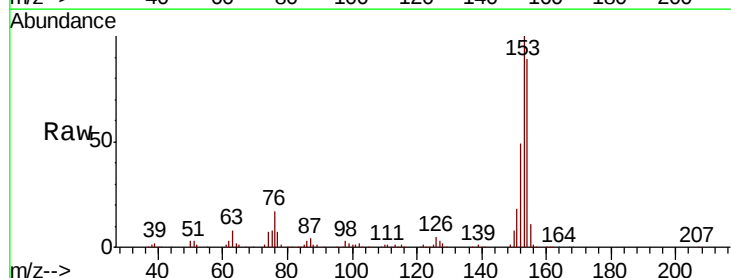
Tgt Ion:154 Resp: 259524

Ion Ratio Lower Upper

154 100

153 113.0 88.2 132.4

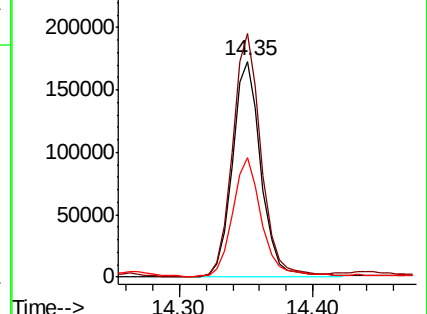
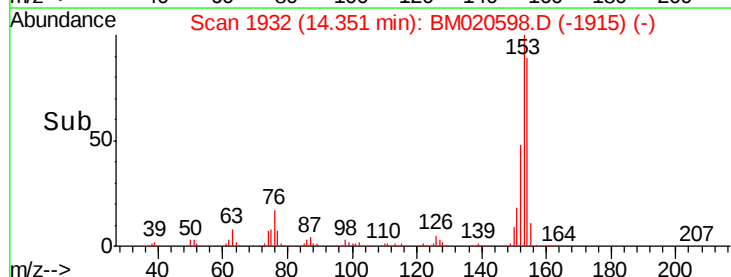
152 55.2 42.6 63.8

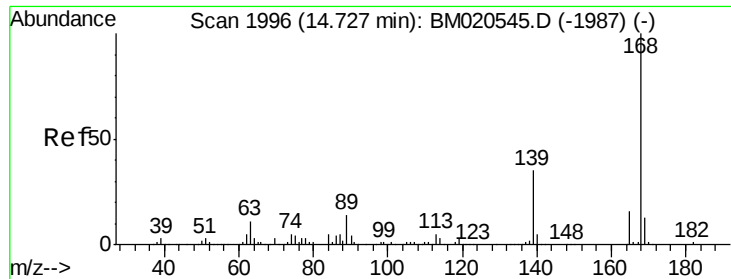


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

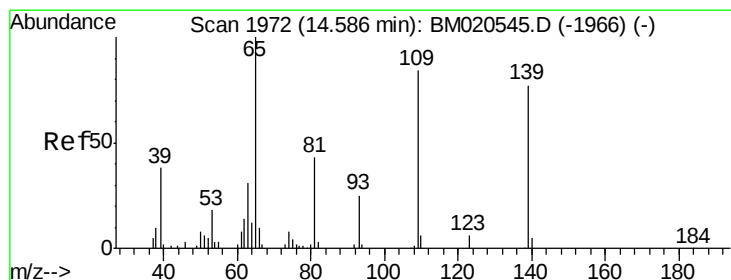
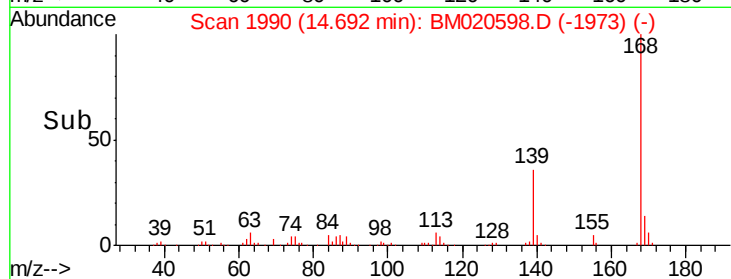
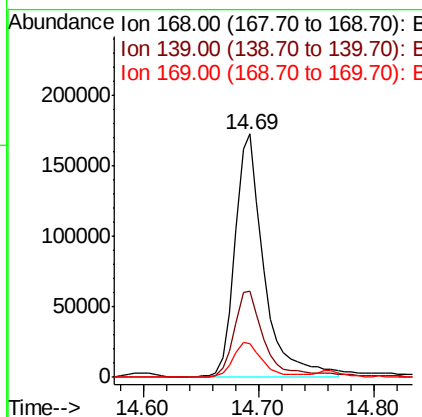
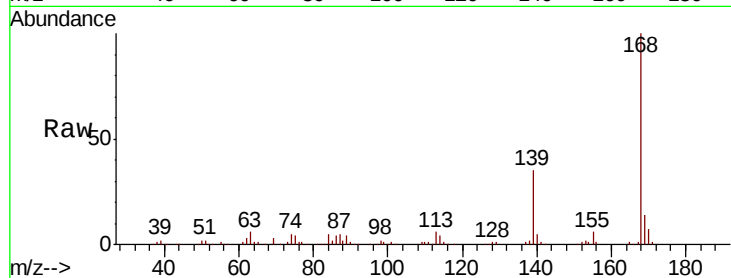




#55
Dibenzofuran
Concen: 23.360 ng
RT: 14.69 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BM020598.D
Acq: 29 May 2019 14:19

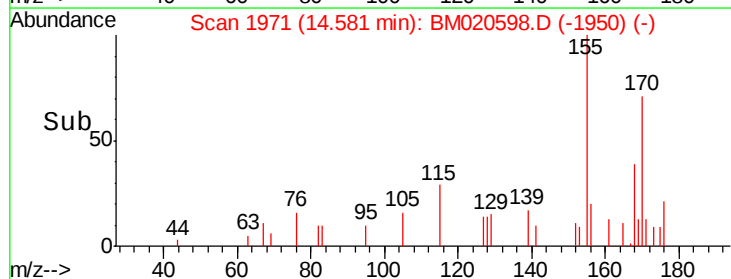
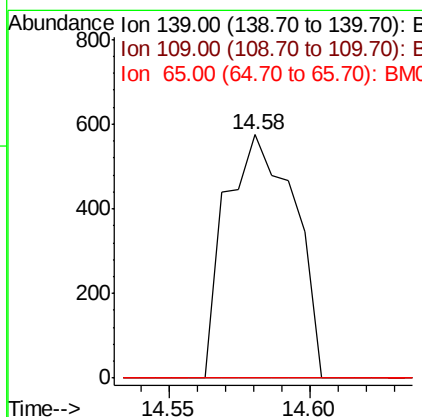
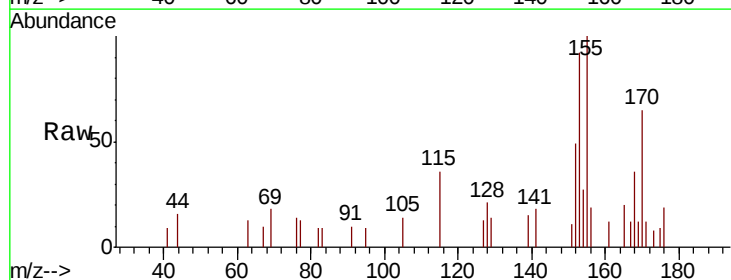
Instrument :
BNA_M
ClientSampleId :
CHRT-26835

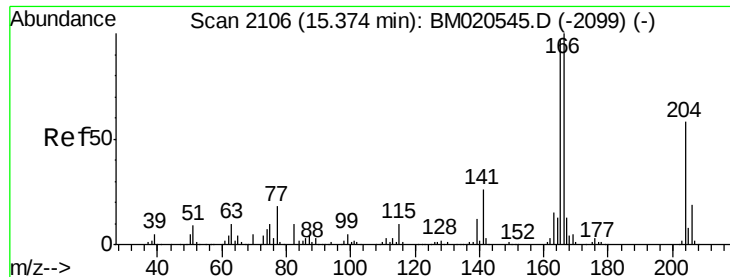
Tot Ion:168 Resp: 299224
Ion Ratio Lower Upper
168 100
139 35.5 29.0 43.6
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 9.625 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.02 min
Lab File: BM020598.D
Acq: 29 May 2019 14:19

Tgt Ion:139 Resp: 971
Ion Ratio Lower Upper
139 100
109 0.0 89.2 129.2#
65 0.0 111.3 151.3#





#58

Fluorene

Concen: 49.066 ng

RT: 15.34 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

Instrument :

BNA_M

ClientSampleId :

CHRT-26835

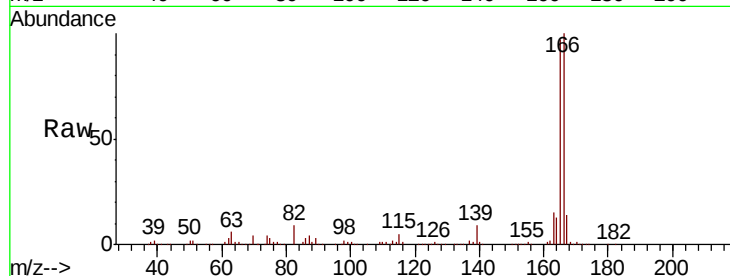
Tot Ion:166 Resp: 522097

Ion Ratio Lower Upper

166 100

165 96.8 77.6 116.4

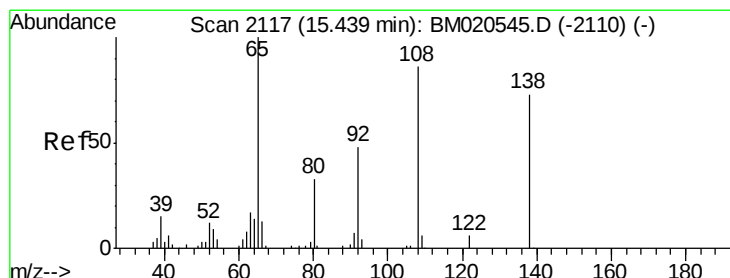
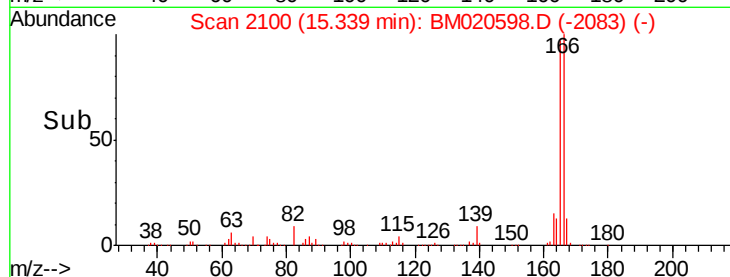
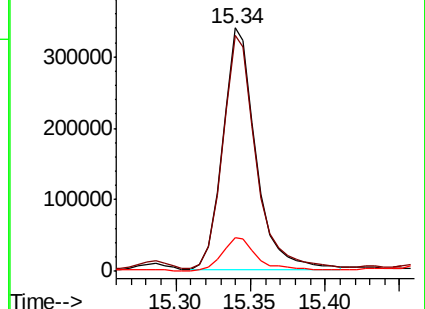
167 13.8 11.4 17.0



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



#62

4-Nitroaniline

Concen: 3.282 ng

RT: 15.34 min Scan# 2100

Delta R.T. -0.06 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

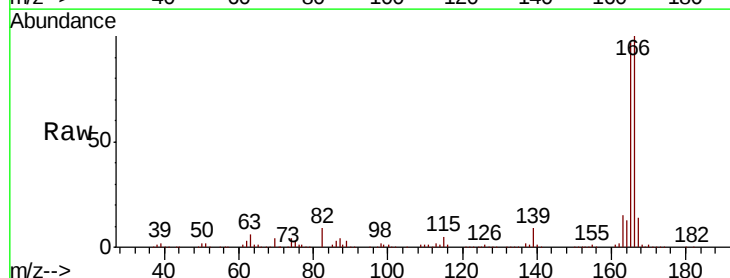
Tgt Ion:138 Resp: 6301

Ion Ratio Lower Upper

138 100

92 0.0 42.4 82.4#

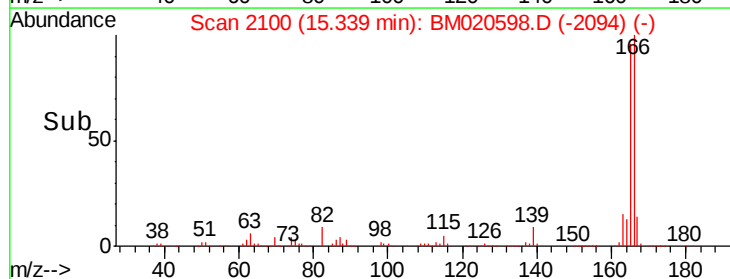
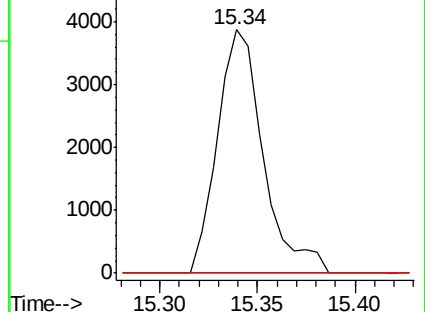
108 0.0 103.6 143.6#

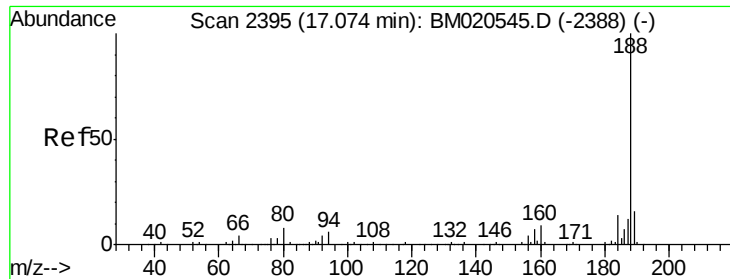


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E

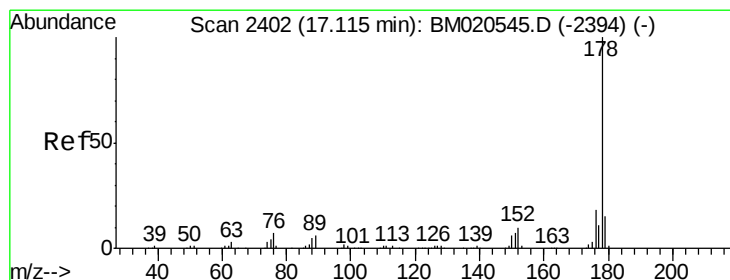
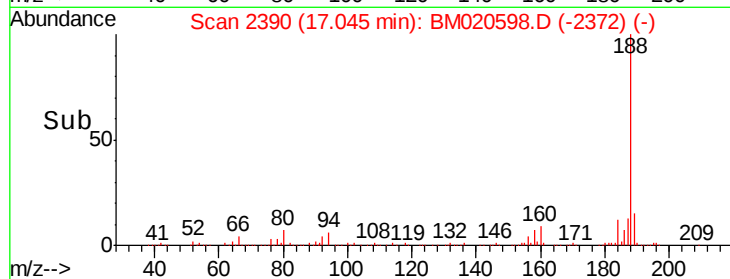
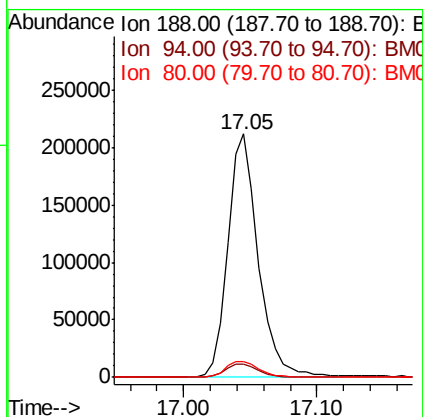
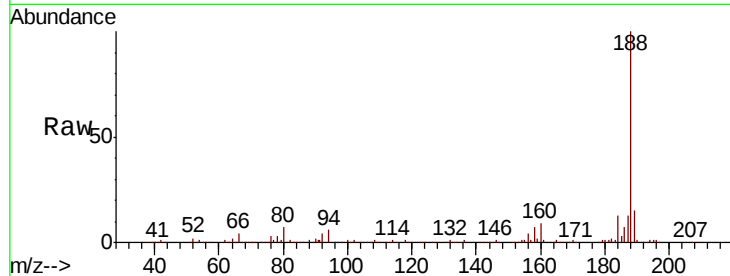




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2390
 Delta R.T. 0.01 min
 Lab File: BM020598.D
 Acq: 29 May 2019 14:19

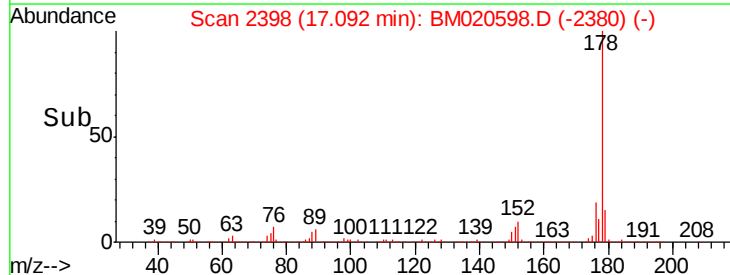
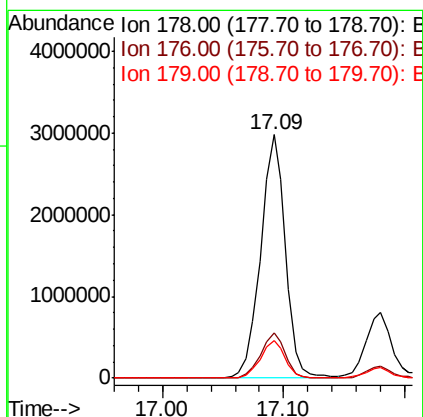
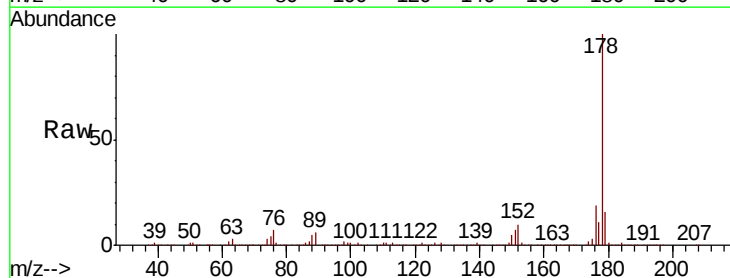
Instrument :
 BNA_M
 ClientSampled :
 CHRT-26835

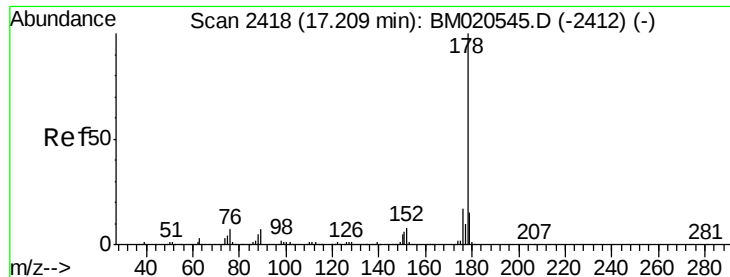
Tot Ion:188 Resp: 338058
 Ion Ratio Lower Upper
 188 100
 94 5.6 4.6 7.0
 80 6.7 6.2 9.4



#71
 Phenanthrene
 Concen: 230.978 ng
 RT: 17.09 min Scan# 2398
 Delta R.T. 0.01 min
 Lab File: BM020598.D
 Acq: 29 May 2019 14:19

Tgt Ion:178 Resp: 4241934
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.0 22.6
 179 15.5 12.1 18.1





#72

Anthracene

Concen: 64.770 ng

RT: 17.18 min Scan# 2413

Delta R.T. 0.01 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

Instrument :

BNA_M

ClientSampleId :

CHRT-26835

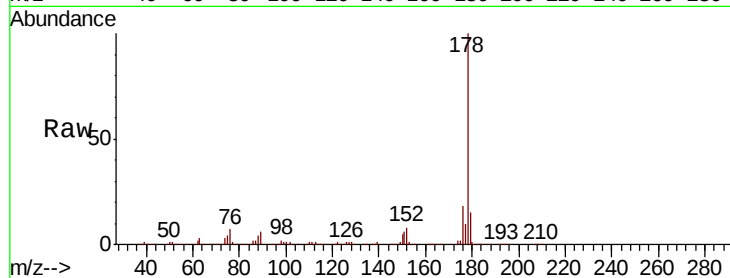
Tot Ion:178 Resp: 1153553

Ion Ratio Lower Upper

178 100

176 18.0 14.5 21.7

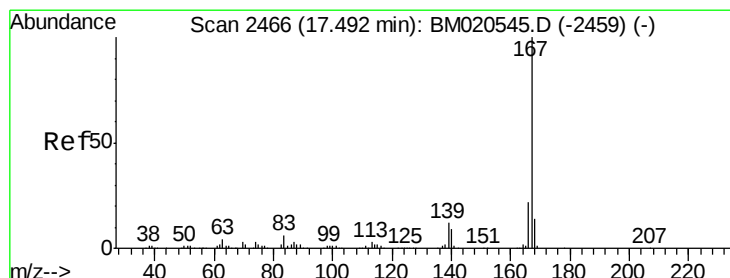
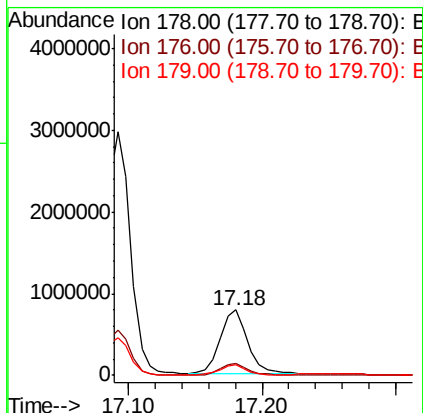
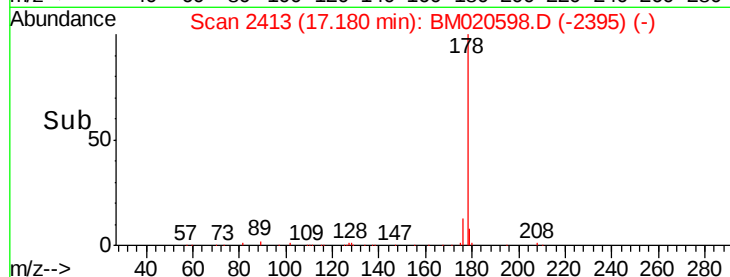
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 9.709 ng

RT: 17.46 min Scan# 2461

Delta R.T. 0.01 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

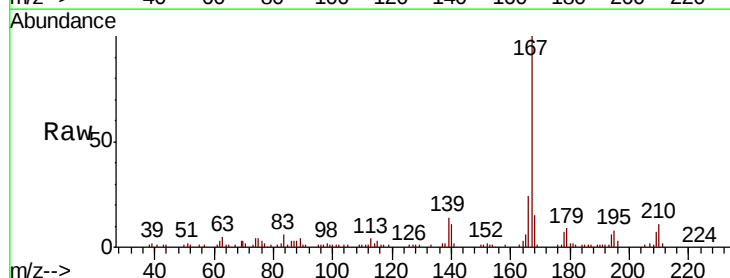
Tgt Ion:167 Resp: 148403

Ion Ratio Lower Upper

167 100

166 23.6 16.4 24.6

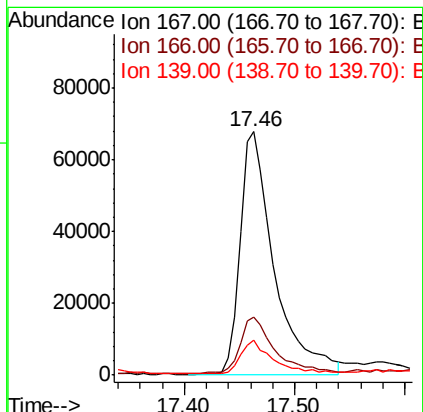
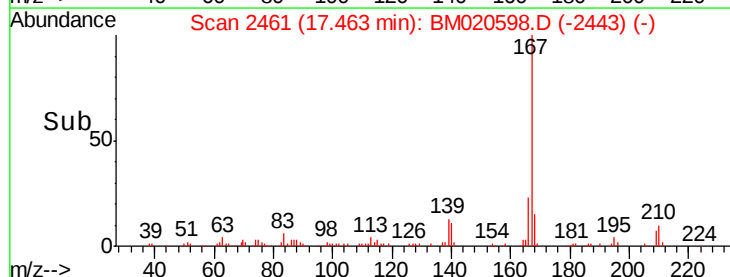
139 14.2 9.1 13.7#

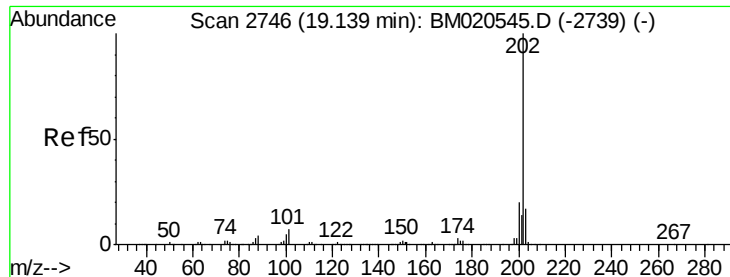


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 241.251 ng

RT: 19.12 min Scan# 2743

Delta R.T. 0.01 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

Instrument :

BNA_M

ClientSampleId :

CHRT-26835

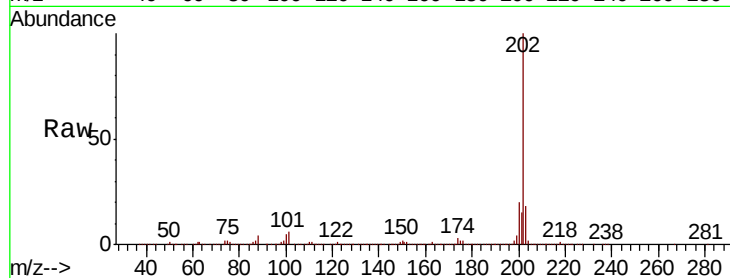
Tot Ion:202 Resp: 6161208

Ion Ratio Lower Upper

202 100

101 6.4 0.0 26.0

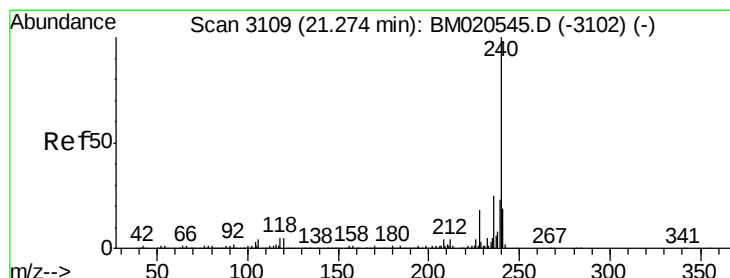
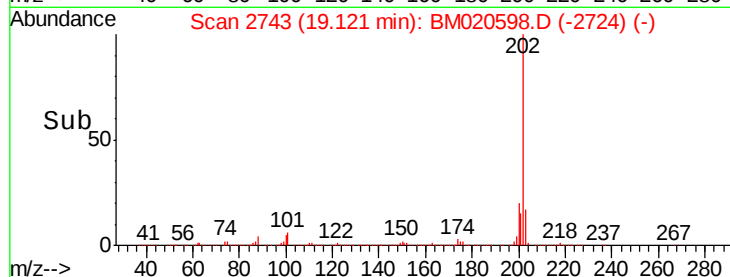
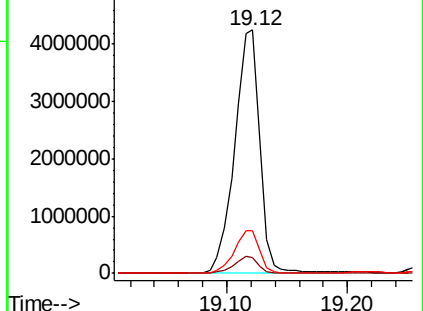
203 17.7 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

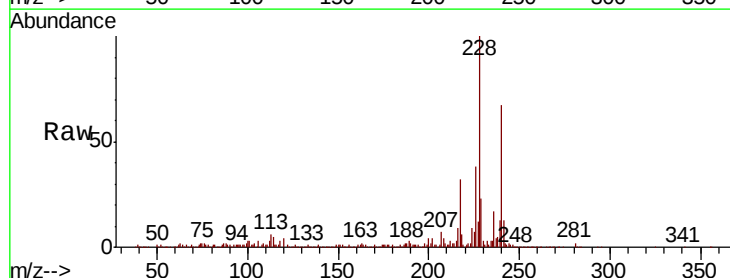
Tgt Ion:240 Resp: 407904

Ion Ratio Lower Upper

240 100

120 5.3 3.7 5.5

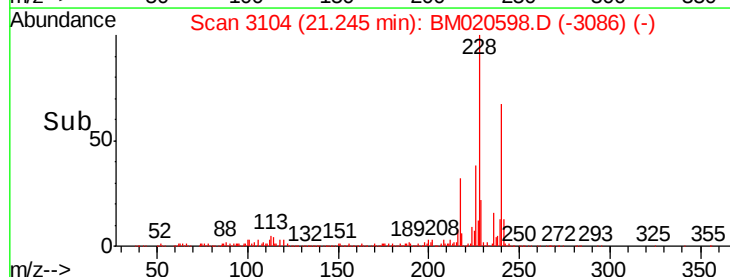
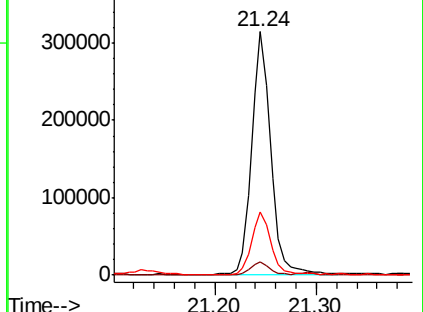
236 25.8 20.2 30.2

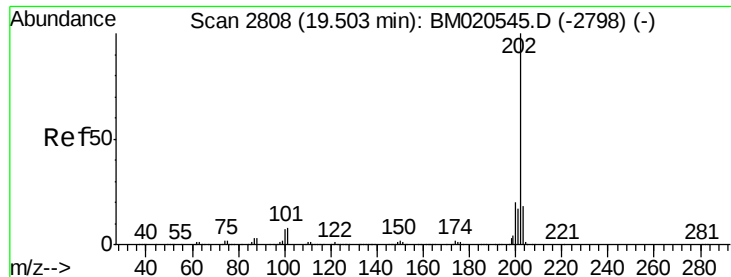


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

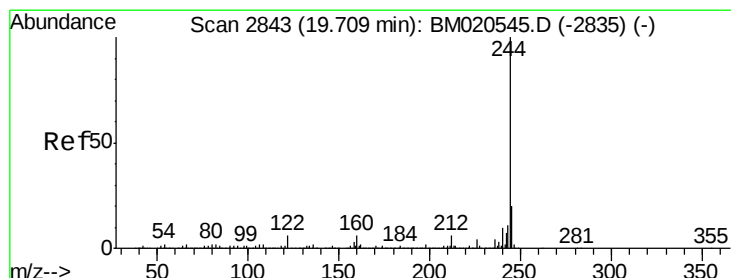
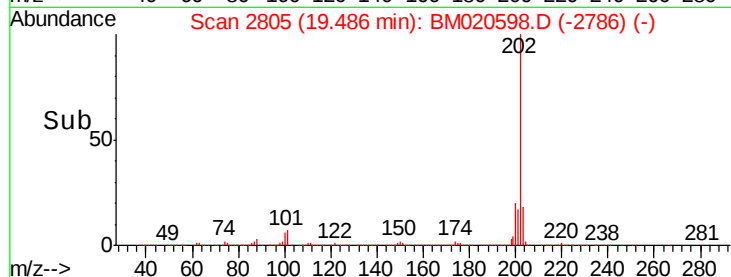
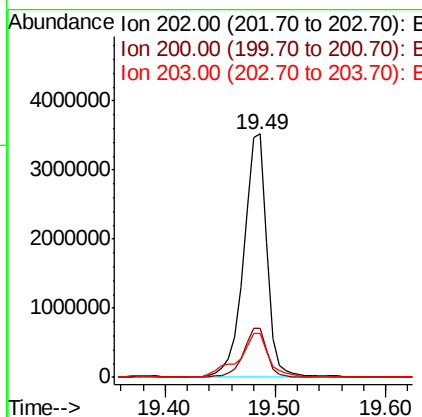
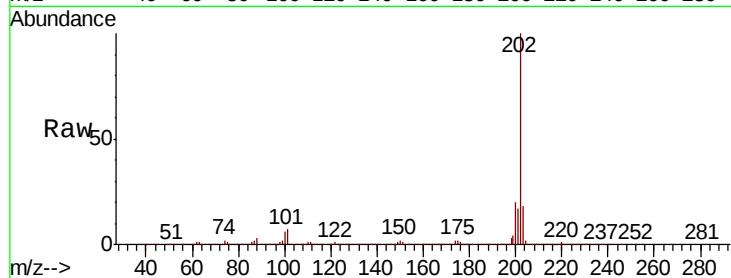




#78
Pvrene
Concen: 203.099 ng
RT: 19.49 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM020598.D
Acq: 29 May 2019 14:19

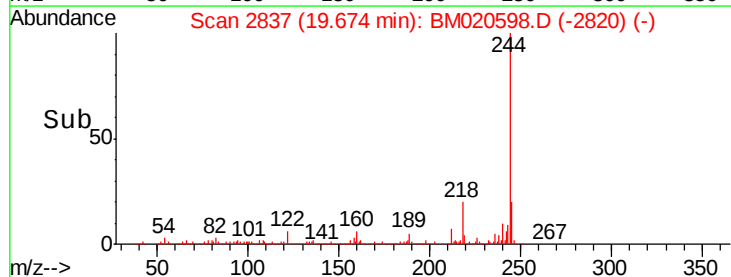
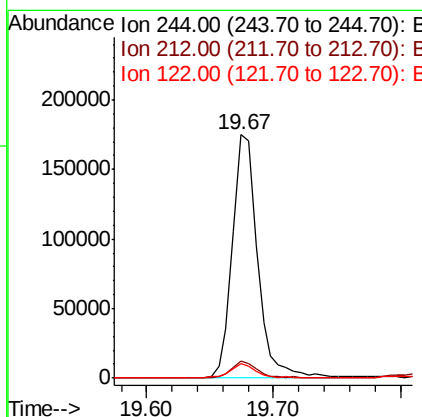
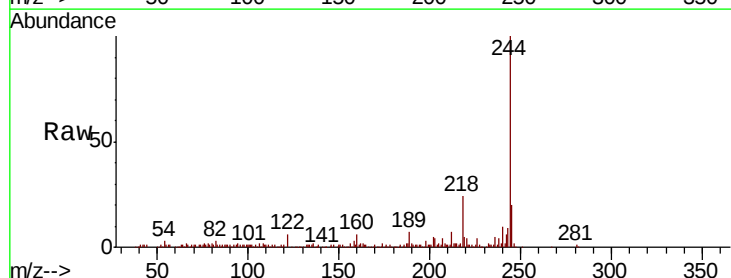
Instrument :
BNA_M
ClientSampleId :
CHRT-26835

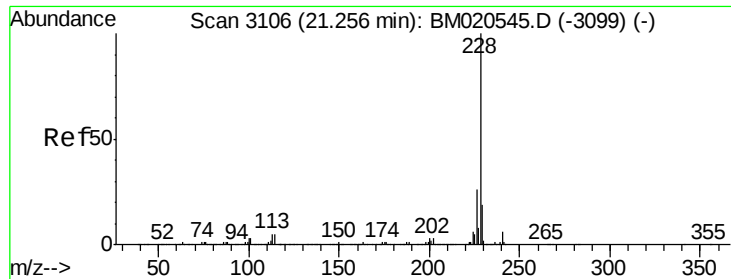
Tot Ion:202 Resp: 5201049
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 18.2 14.1 21.1



#79
Terphenyl-d14
Concen: 10.681 ng
RT: 19.67 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BM020598.D
Acq: 29 May 2019 14:19

Tgt Ion:244 Resp: 240998
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 6.1 4.6 7.0





#81

Benzo(a)anthracene

Concen: 91.326 ng

RT: 21.23 min Scan# 3102

Delta R.T. 0.01 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

Instrument :

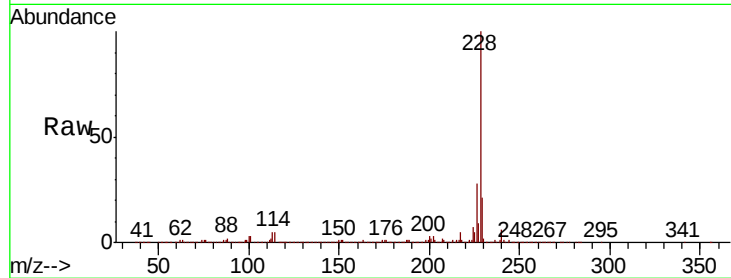
BNA_M

ClientSampleId :

CHRT-26835

Tot Ion:228 Resp: 2578254

Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.9	31.3
229	20.5	15.5	23.3

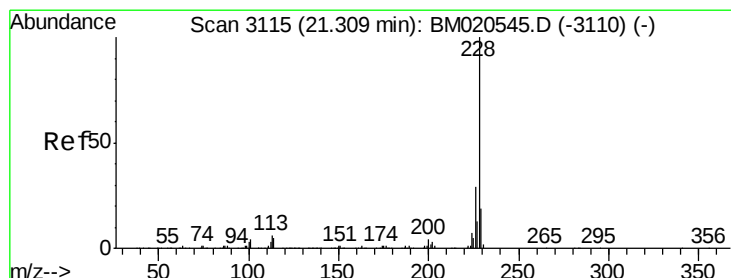
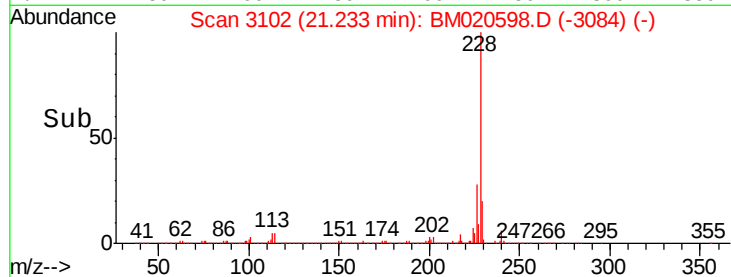
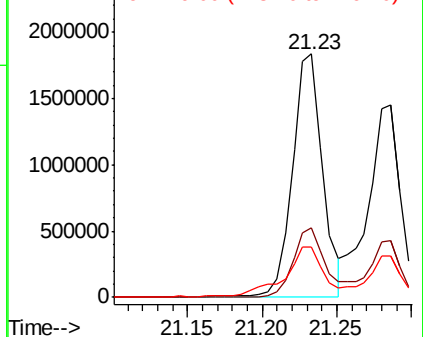


Abundance

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



#83

Chrysene

Concen: 74.996 ng

RT: 21.29 min Scan# 3111

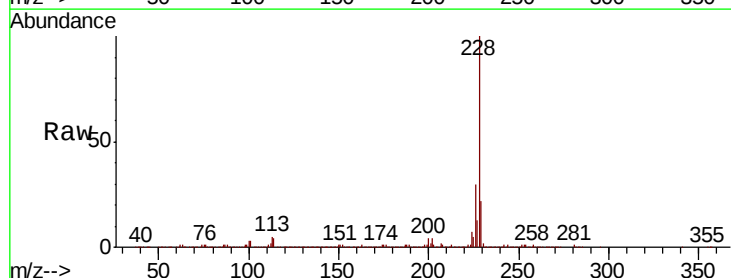
Delta R.T. 0.01 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

Tgt Ion:228 Resp: 2045850

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.7	34.1
229	21.6	15.4	23.2

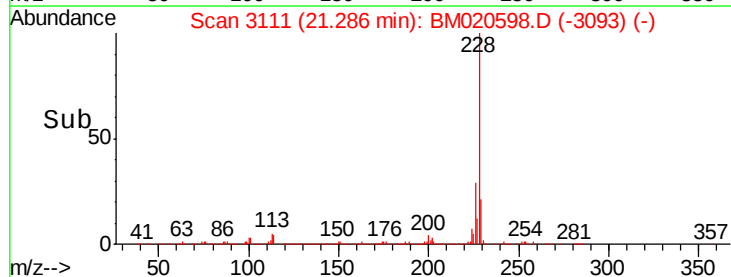
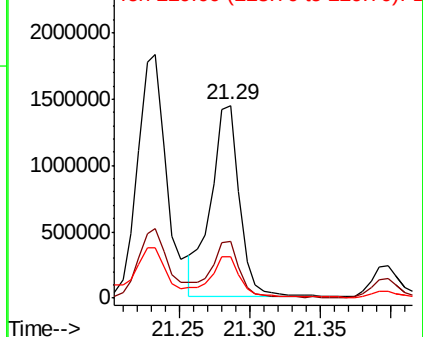


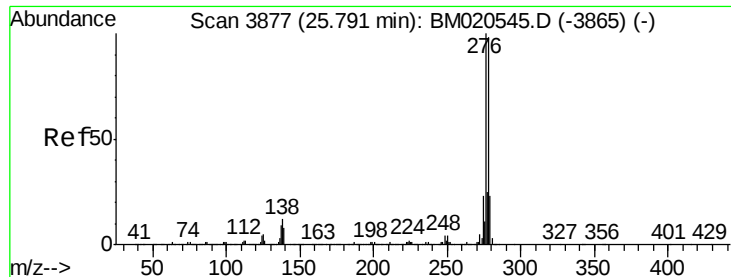
Abundance

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

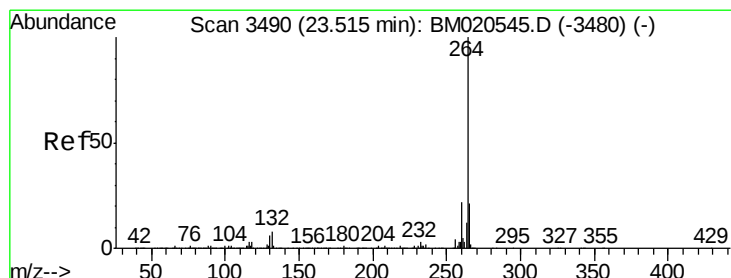
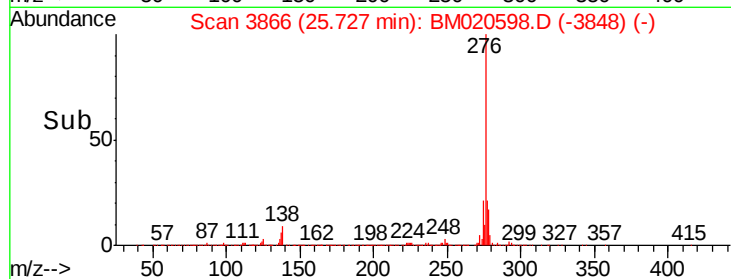
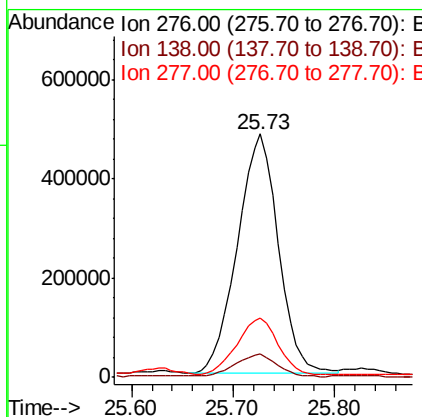
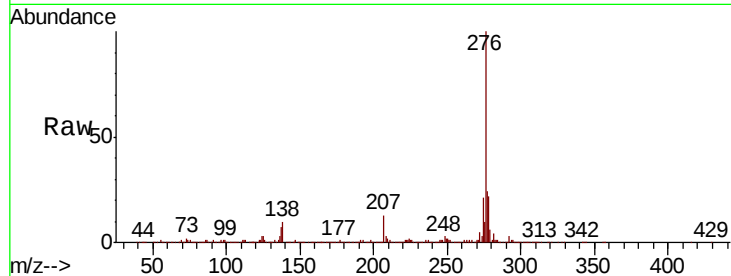




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.986 ng
 RT: 25.73 min Scan# 3866
 Delta R.T. 0.01 min
 Lab File: BM020598.D
 Acq: 29 May 2019 14:19

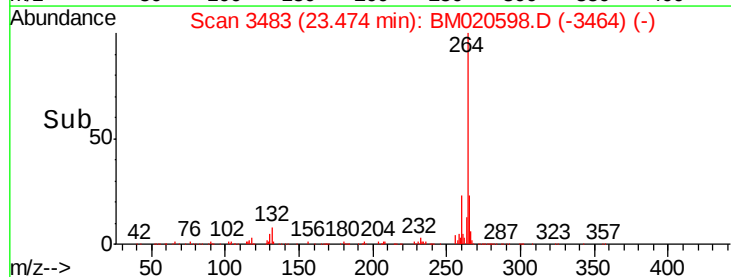
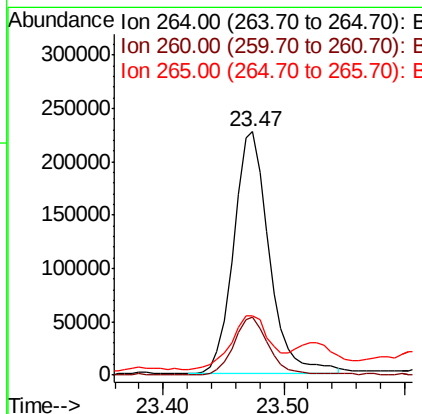
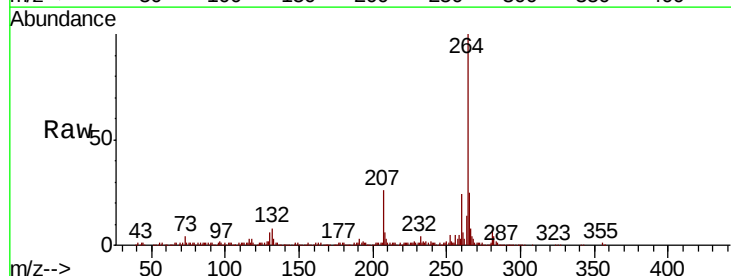
Instrument :
 BNA_M
 ClientSampleId :
 CHRT-26835

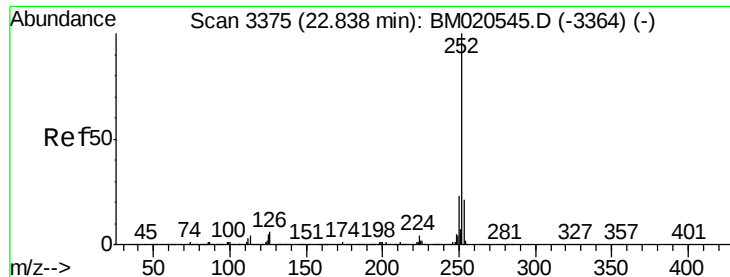
Tot Ion:276 Resp: 1351889
 Ion Ratio Lower Upper
 276 100
 138 9.3 8.8 13.2
 277 23.8 20.4 30.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.47 min Scan# 3483
 Delta R.T. 0.01 min
 Lab File: BM020598.D
 Acq: 29 May 2019 14:19

Tgt Ion:264 Resp: 467602
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 24.6 18.2 27.4





#88

Benzo(b)fluoranthene

Concen: 123.042 ng

RT: 22.81 min Scan# 3370

Delta R.T. 0.01 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

Instrument :

BNA_M

ClientSampleId :

CHRT-26835

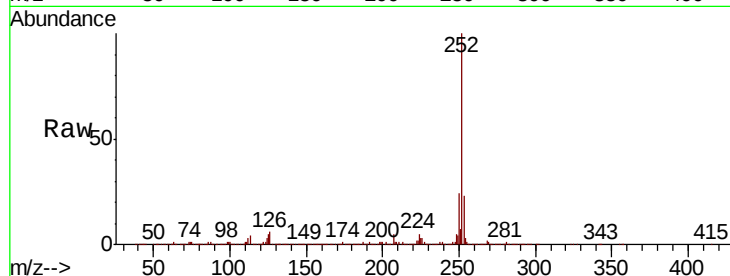
Tot Ion:252 Resp: 3765739

Ion Ratio Lower Upper

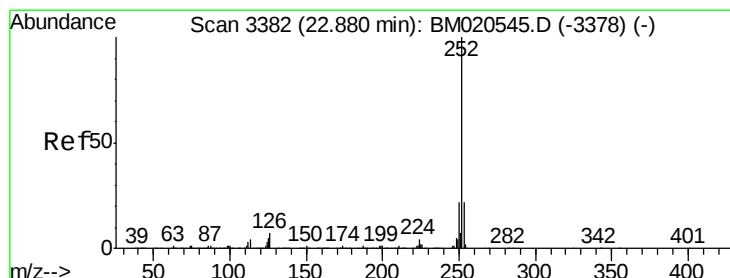
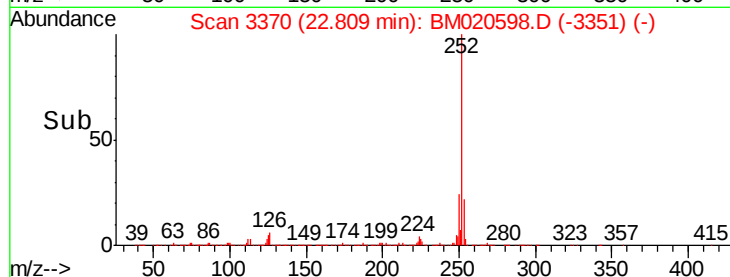
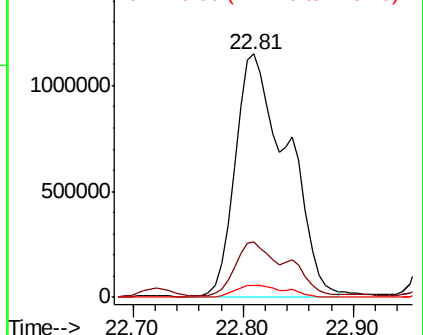
252 100

253 22.6 17.5 26.3

125 4.9 3.4 5.2



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: 126.954 ng

RT: 22.81 min Scan# 3370

Delta R.T. -0.03 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

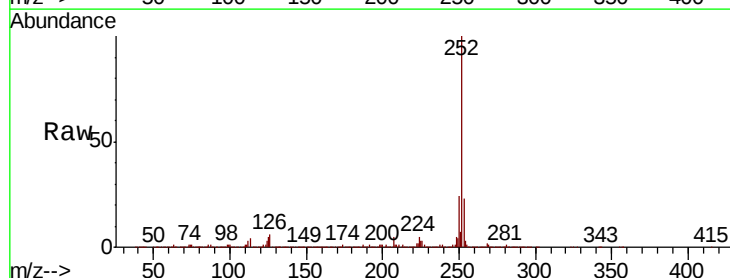
Tgt Ion:252 Resp: 3770982

Ion Ratio Lower Upper

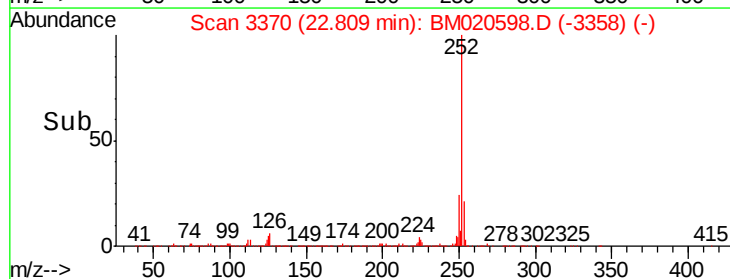
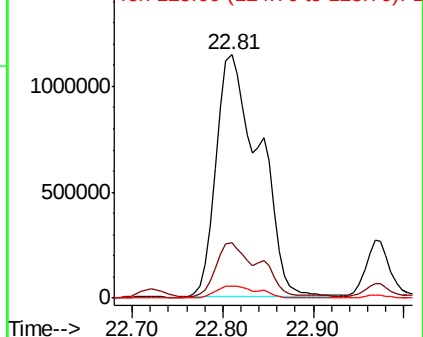
252 100

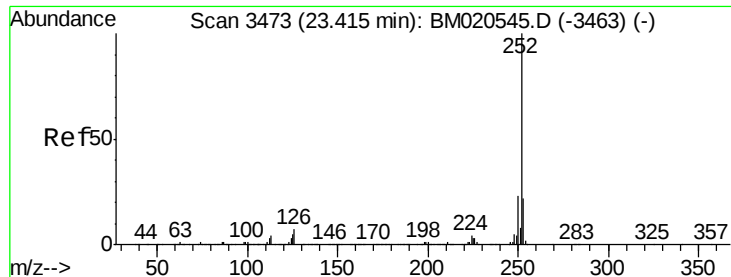
253 22.6 17.2 25.8

125 4.9 3.7 5.5



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: 79.204 ng

RT: 23.38 min Scan# 3467

Delta R.T. 0.01 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

Instrument :

BNA_M

ClientSampleId :

CHRT-26835

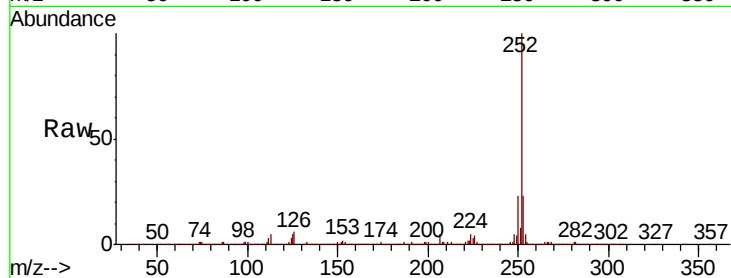
Tot Ion:252 Resp: 2230655

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	5.1	3.8	5.8

252 100

253 22.5 17.8 26.6

125 5.1 3.8 5.8

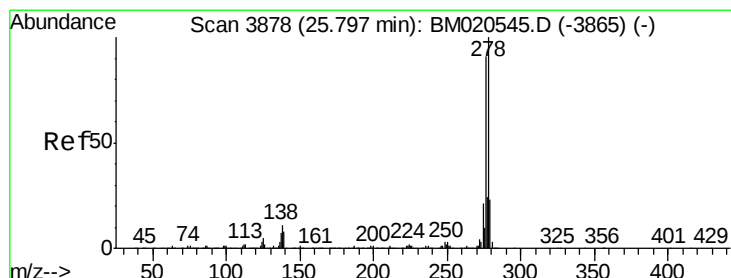
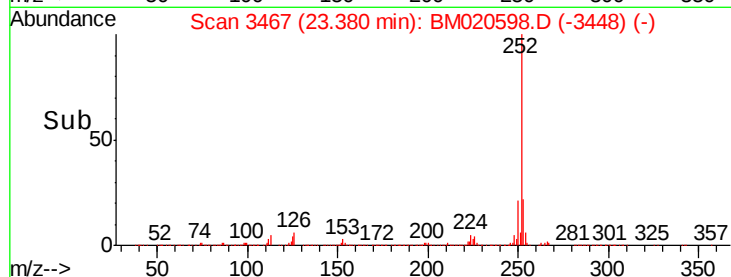
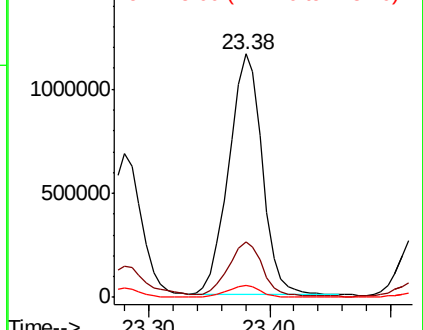


Abundance

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



#91

Dibenzo(a,h)anthracene

Concen: 11.245 ng

RT: 25.73 min Scan# 3866

Delta R.T. -0.00 min

Lab File: BM020598.D

Acq: 29 May 2019 14:19

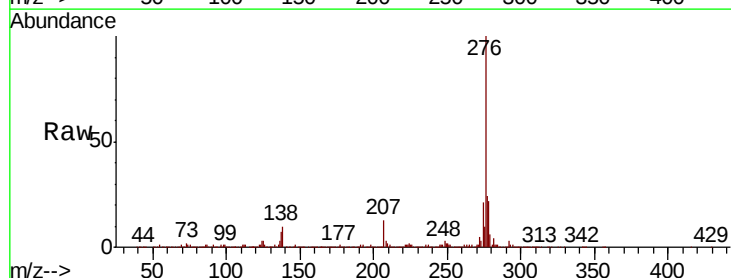
Tgt Ion:278 Resp: 324175

Ion	Ratio	Lower	Upper
278	100		
139	0.0	6.2	9.2#
279	28.1	18.6	27.8#

278 100

139 0.0 6.2 9.2#

279 28.1 18.6 27.8#

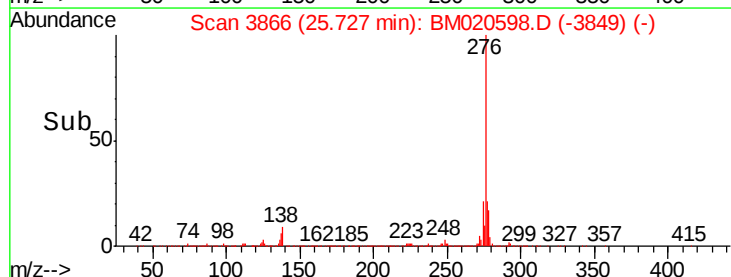
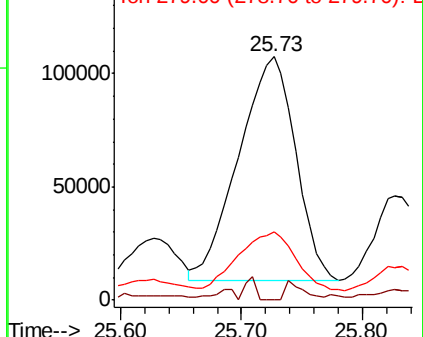


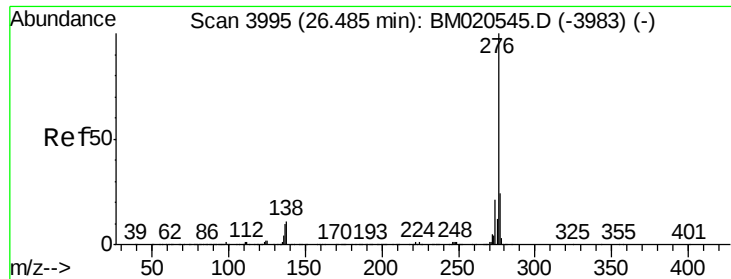
Abundance

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(a,h,i)perylene
 Concen: 49.136 ng
 RT: 26.42 min Scan# 3983
 Delta R.T. 0.01 min
 Lab File: BM020598.D
 Acq: 29 May 2019 14:19

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-26835

Tot Ion:276 Resp: 1313109

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	10.0	7.6	11.4

