

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051219\
 Data File : BM020295.D
 Acq On : 12 May 2019 13:08
 Operator : JU/SJ
 Sample : K2766-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P026-SS006-1218-01

Quant Time: May 13 05:21:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

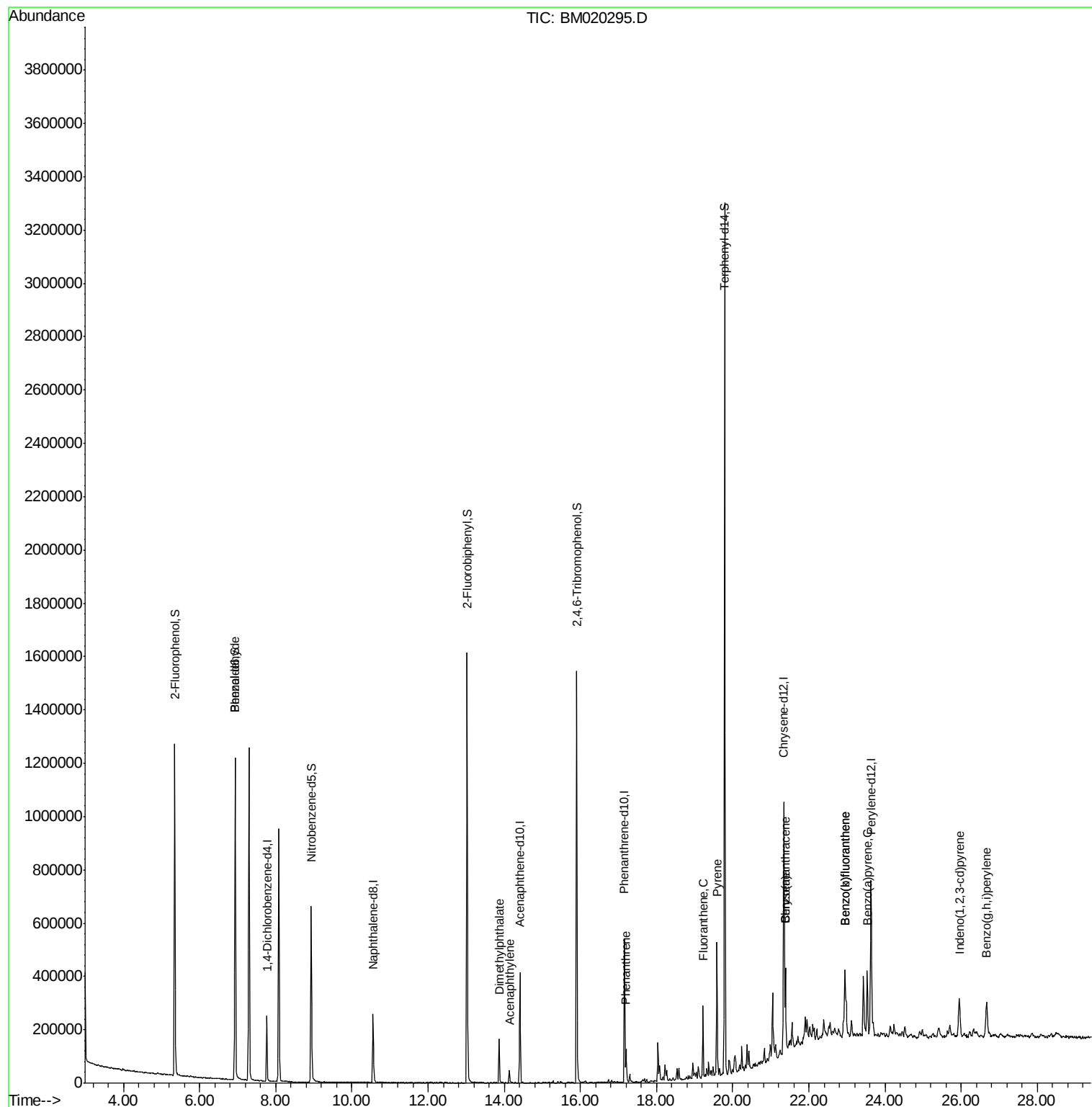
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	63882	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	214199	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	135644	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	333625	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	375468	20.00	ng	-0.02
87) Perylene-d12	23.63	264	452153	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	501684	128.37	ng	-0.02
7) Phenol-d6	6.93	99	669075	125.32	ng	-0.02
23) Nitrobenzene-d5	8.93	82	456623	84.16	ng	-0.03
42) 2,4,6-Tribromophenol	15.90	330	286519	136.08	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	841176	76.30	ng	-0.03
79) Terphenyl-d14	19.79	244	1463298	67.98	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.93	77	9582	2.371	ng	Qvalue # 84
49) Acenaphthylene	14.13	152	40022	2.805	ng	97
50) Dimethylphthalate	13.87	163	98948	8.583	ng	97
71) Phenanthrene	17.20	178	72929	3.960	ng	99
75) Fluoranthene	19.22	202	153871	6.604	ng	99
78) Pyrene	19.59	202	301482	11.960	ng	99
81) Benzo(a)anthracene	21.39	228	168633	6.404	ng	96
83) Chrysene	21.39	228	180394	7.064	ng	99
86) Indeno(1,2,3-cd)pyrene	25.95	276	138537	4.561	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	281557	9.430	ng	99
89) Benzo(k)fluoranthene	22.94	252	281806	10.347	ng	99
90) Benzo(a)pyrene	23.53	252	145555	5.367	ng	# 96
92) Benzo(g,h,i)perylene	26.67	276	174621	6.521	ng	98

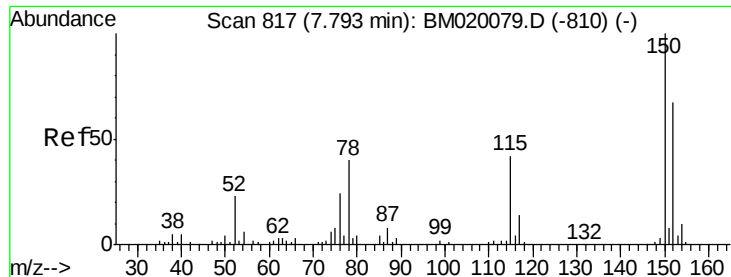
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051219\
Data File : BM020295.D
Acq On : 12 May 2019 13:08
Operator : JU/SJ
Sample : K2766-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

Quant Time: May 13 05:21:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration



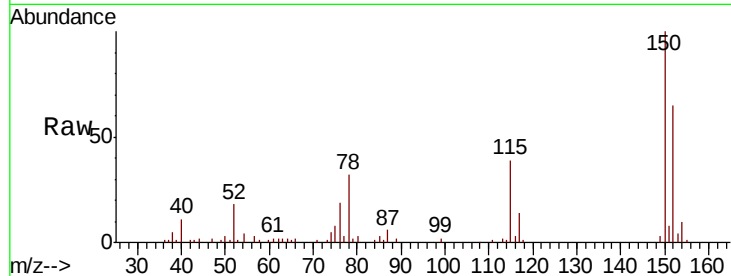


#1

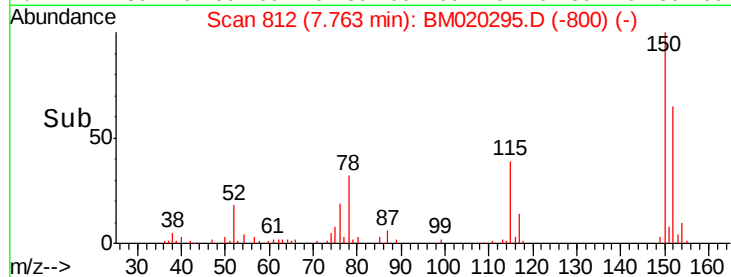
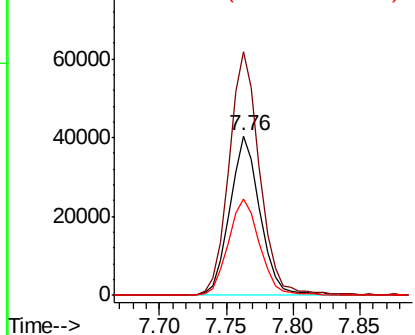
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

Tgt Ion:152 Resp: 63882
Ion Ratio Lower Upper
152 100
150 152.7 119.8 179.8
115 60.1 50.8 76.2



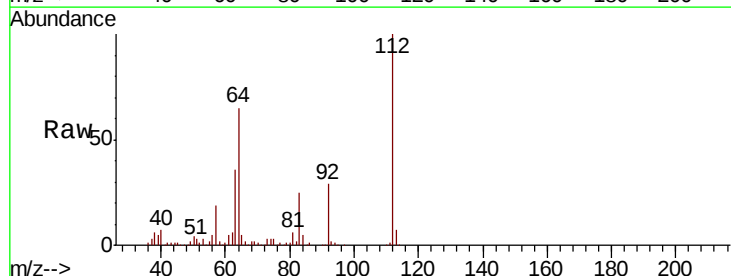
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



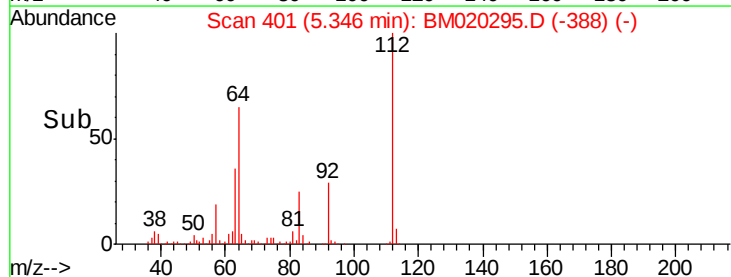
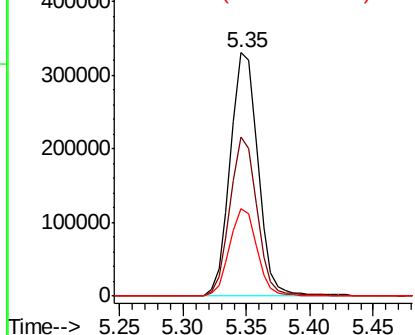
#5

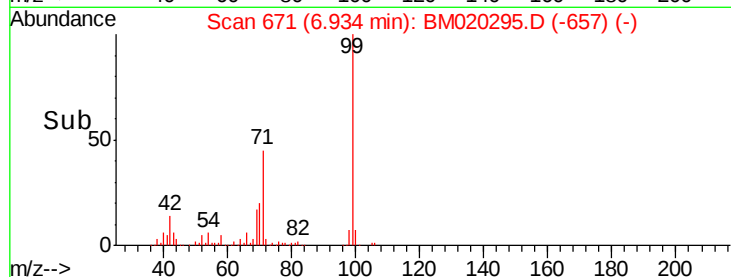
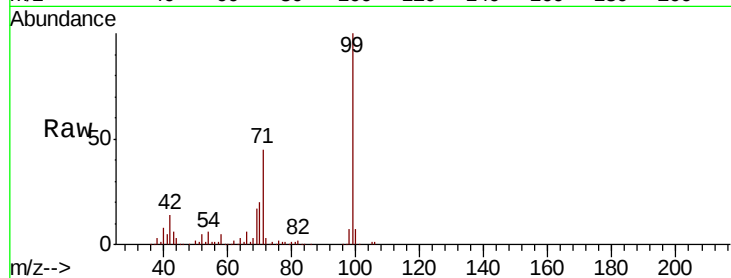
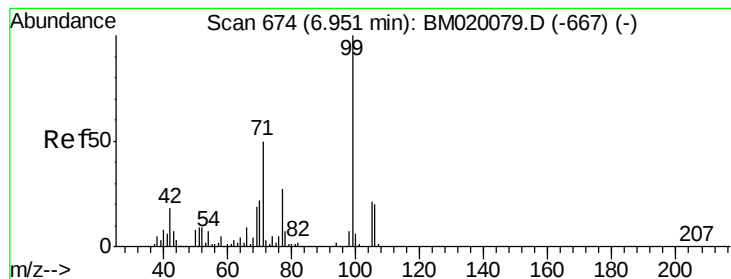
2-Fluorophenol
Concen: 128.369 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:112 Resp: 501684
Ion Ratio Lower Upper
112 100
64 65.4 53.8 80.6
63 36.0 32.3 48.5



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: 125.317 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020295.D

Acq: 12 May 2019 13:08

Instrument :

BNA_M

ClientSampleId :

P026-SS006-1218-01

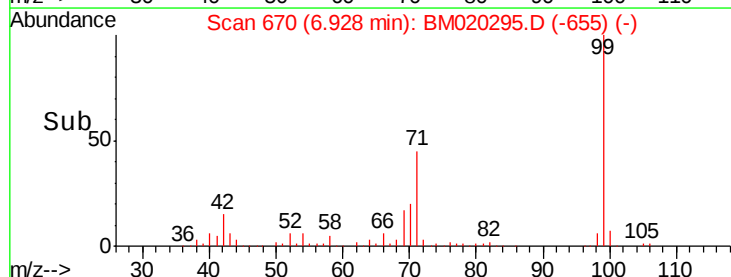
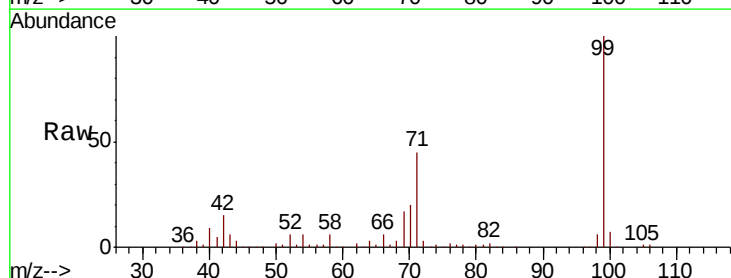
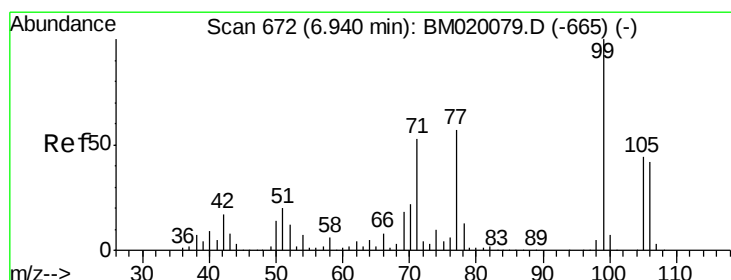
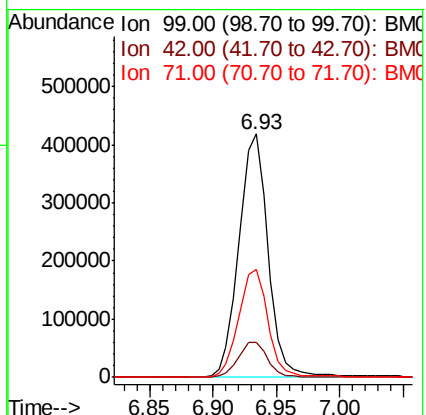
Tgt Ion: 99 Resp: 669075

Ion Ratio Lower Upper

99 100

42 14.1 14.2 21.2#

71 44.6 40.3 60.5



#9

Benzaldehyde

Concen: 2.371 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020295.D

Acq: 12 May 2019 13:08

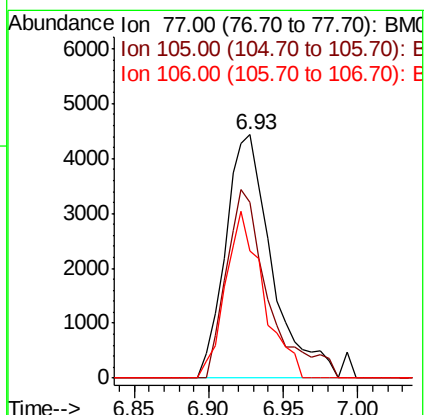
Tgt Ion: 77 Resp: 9582

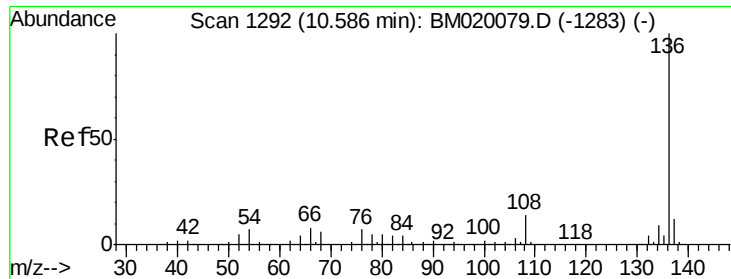
Ion Ratio Lower Upper

77 100

105 72.0 57.8 97.8

106 52.1 53.6 93.6#

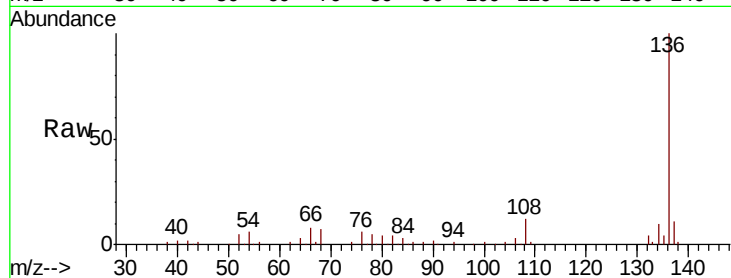




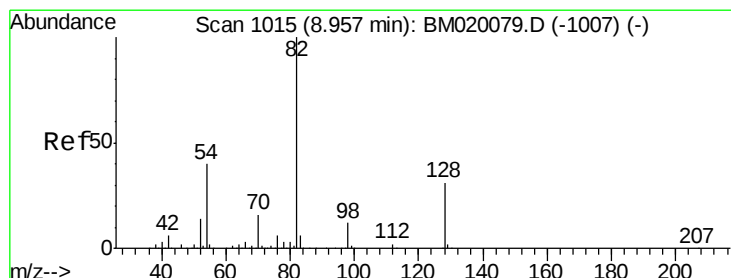
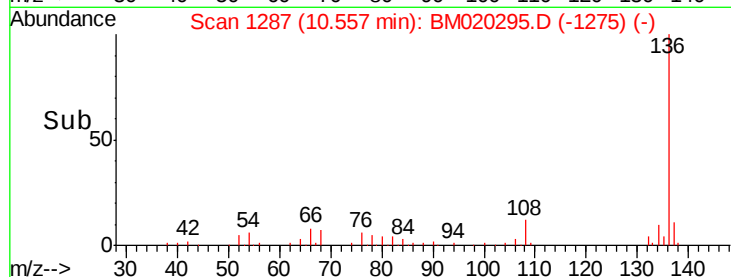
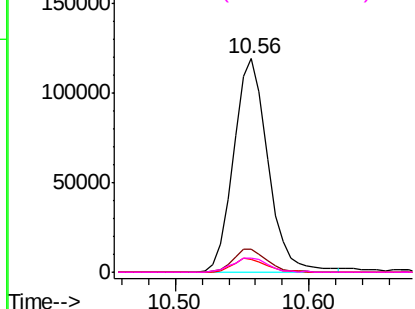
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

Tgt Ion:	136	Resp:	214199
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	6.2	5.5	8.3
68	6.7	4.6	6.8

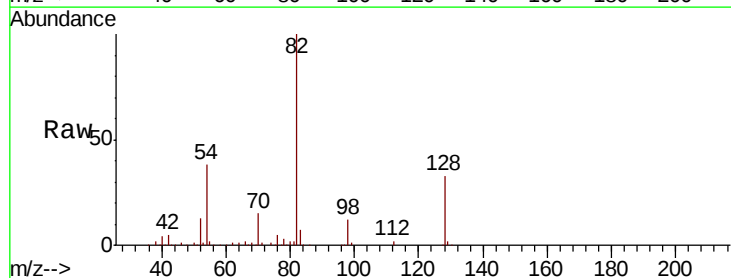


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

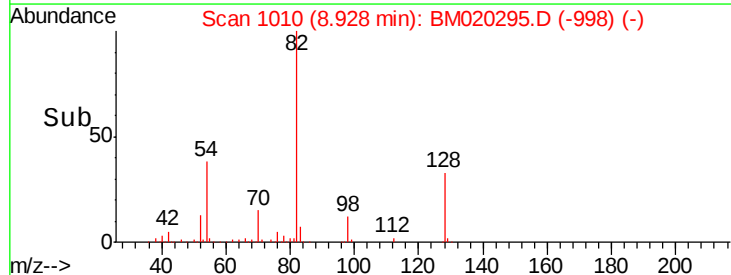
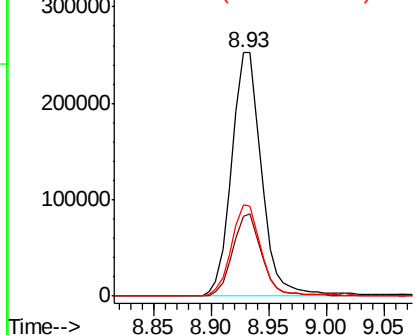


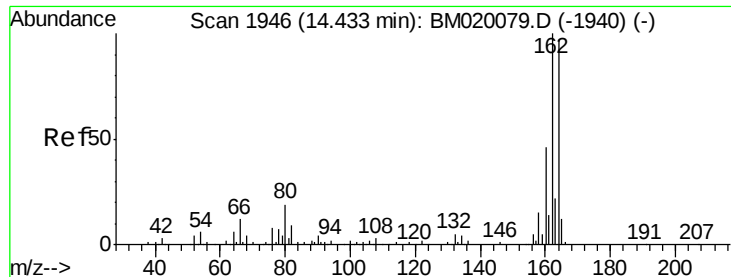
#23
Nitrobenzene-d5
Concen: 84.162 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:	82	Resp:	456623
Ion	Ratio	Lower	Upper
82	100		
128	32.8	25.2	37.8
54	37.7	31.9	47.9



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BM020295.D

Acq: 12 May 2019 13:08

Instrument :

BNA_M

ClientSampleId :

P026-SS006-1218-01

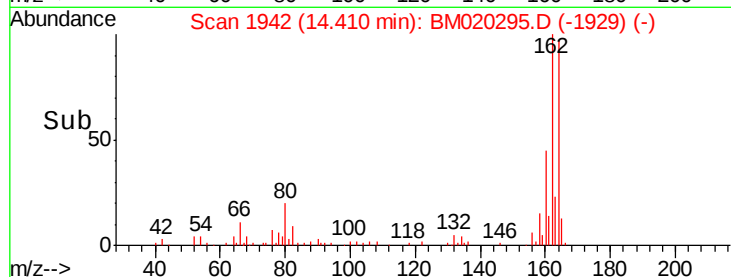
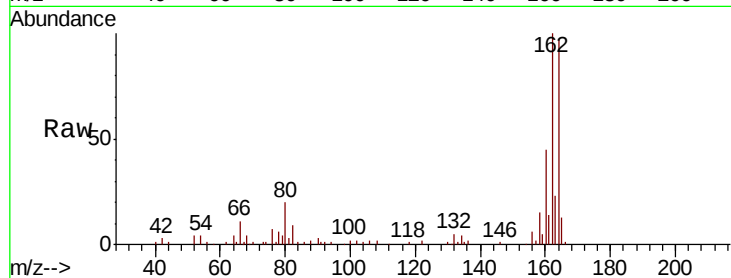
Tgt Ion:164 Resp: 135644

Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.2

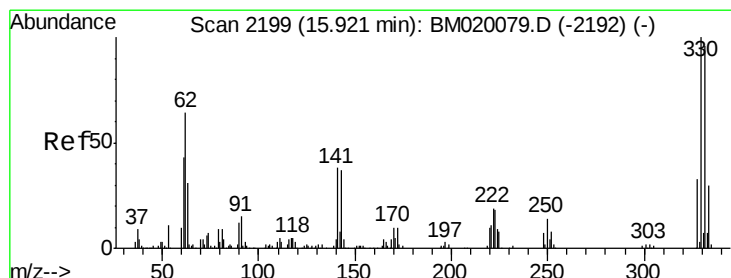
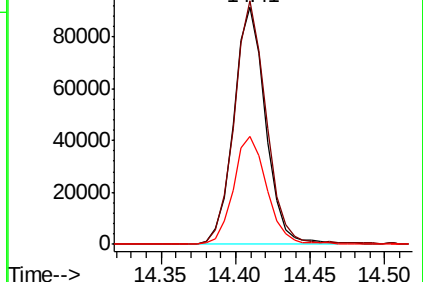
160 45.8 37.6 56.4



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: 136.084 ng

RT: 15.90 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BM020295.D

Acq: 12 May 2019 13:08

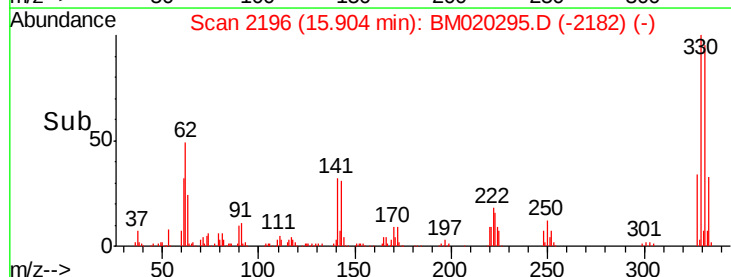
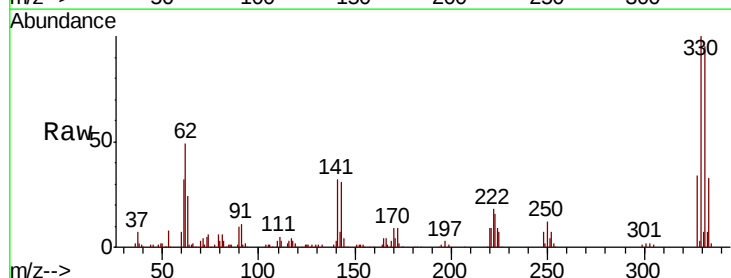
Tgt Ion:330 Resp: 286519

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

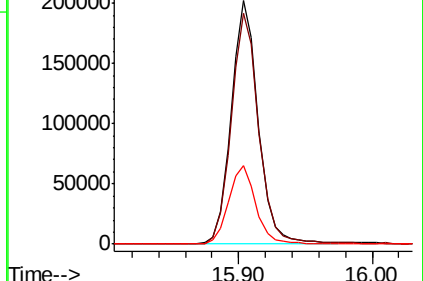
141 32.9 29.2 43.8

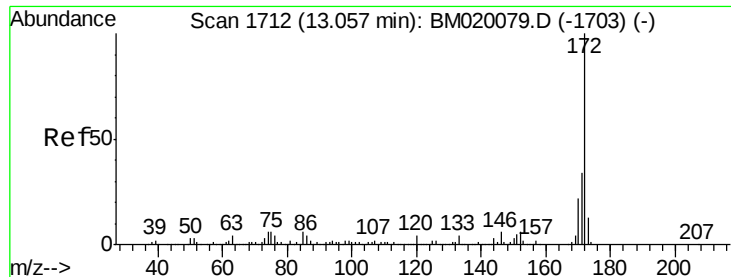


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

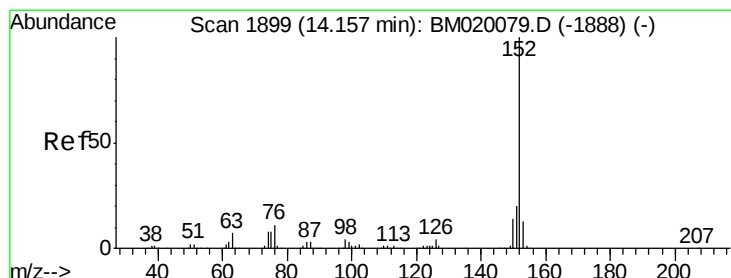
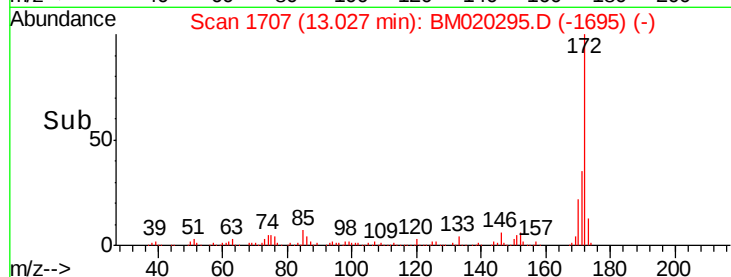
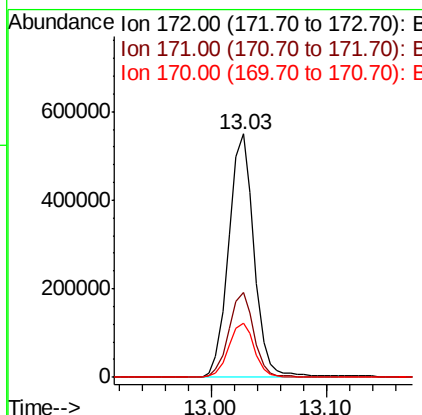
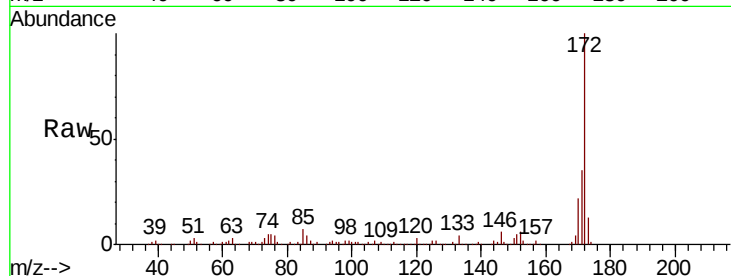




#45
2-Fluorobiphenyl
Concen: 76.299 ng
RT: 13.03 min Scan# 1707
Delta R.T. -0.03 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

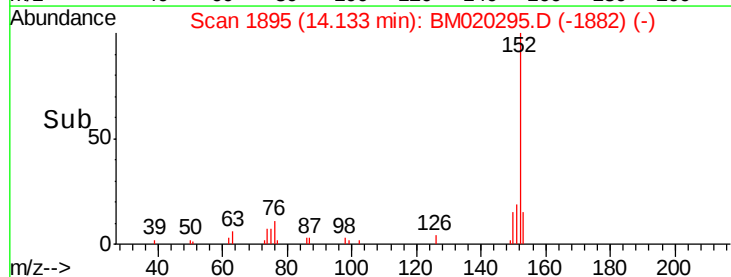
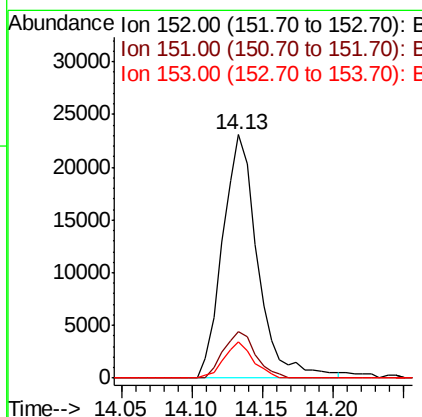
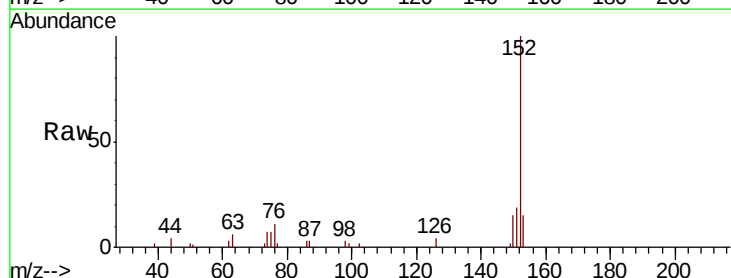
Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

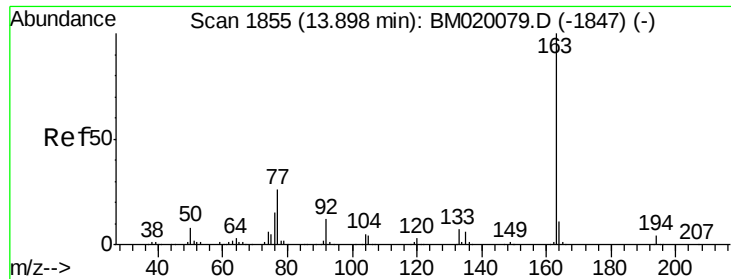
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	22.2	17.9	26.9



#49
Acenaphthylene
Concen: 2.805 ng
RT: 14.13 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2
153	15.1	10.6	16.0





#50

Dimethylphthalate

Concen: 8.583 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020295.D

Acq: 12 May 2019 13:08

Instrument :

BNA_M

ClientSampleId :

P026-SS006-1218-01

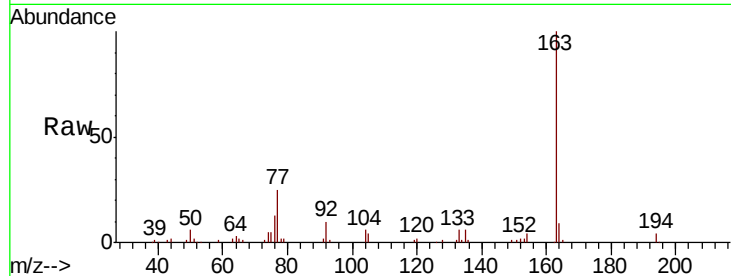
Tgt Ion:163 Resp: 98948

Ion Ratio Lower Upper

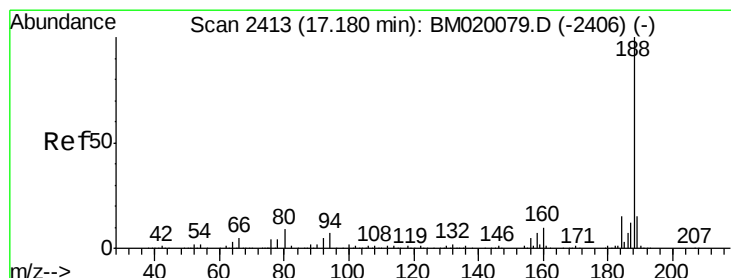
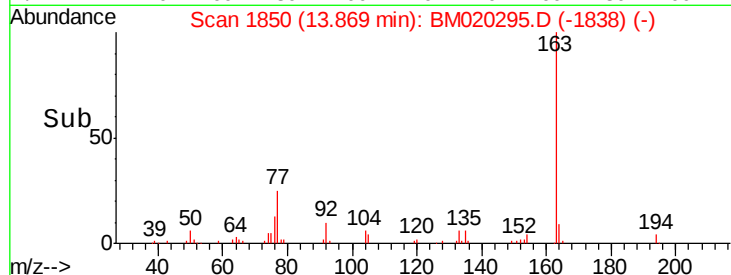
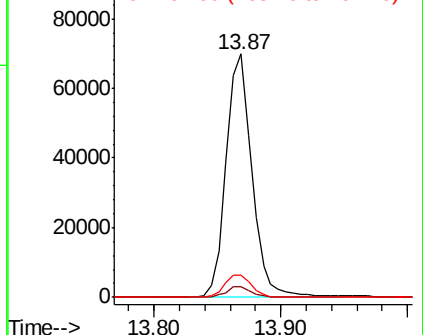
163 100

194 4.3 3.6 5.4

164 9.0 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM020295.D

Acq: 12 May 2019 13:08

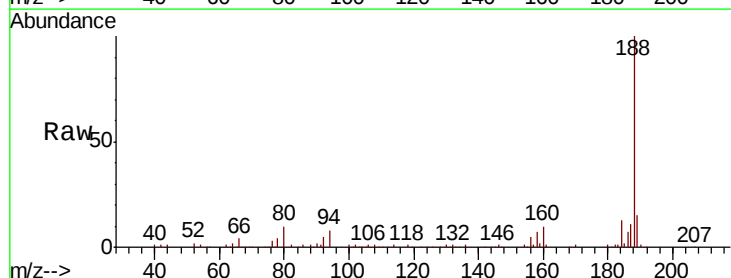
Tgt Ion:188 Resp: 333625

Ion Ratio Lower Upper

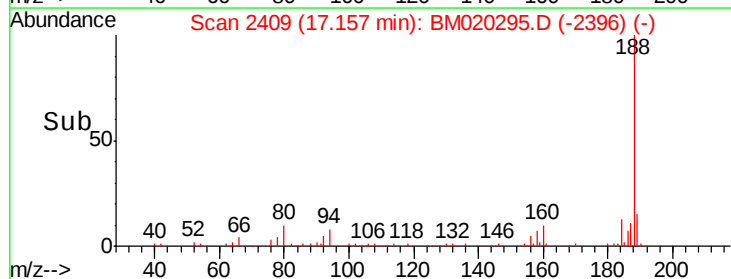
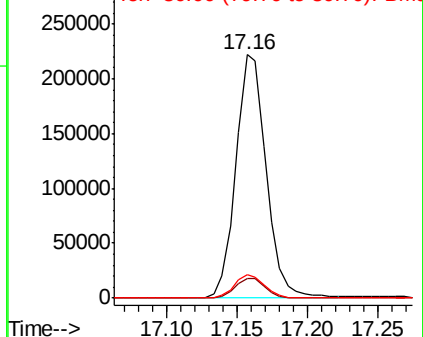
188 100

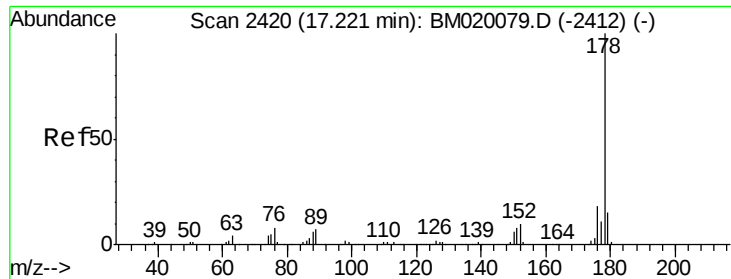
94 8.0 5.8 8.6

80 9.8 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

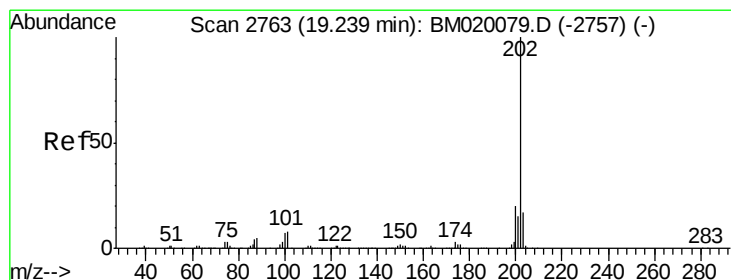
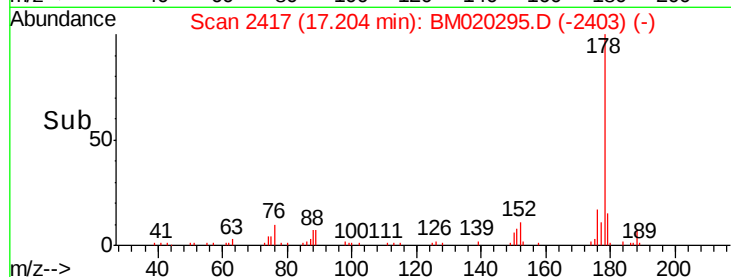
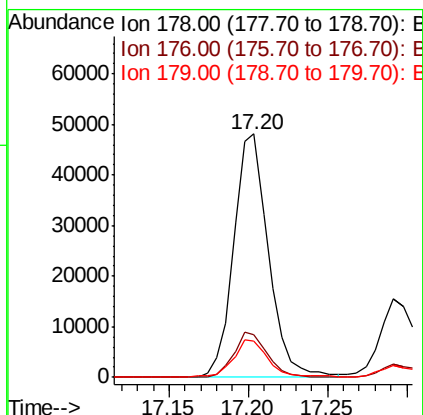
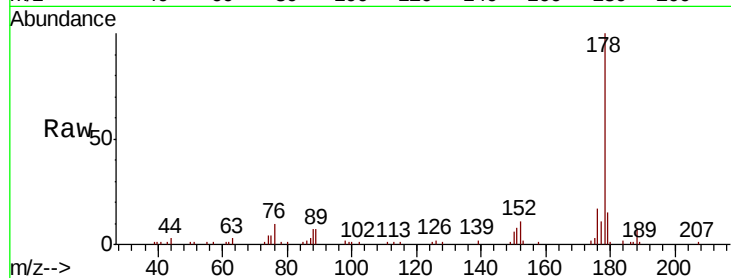




#71
Phenanthrene
Concen: 3.960 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

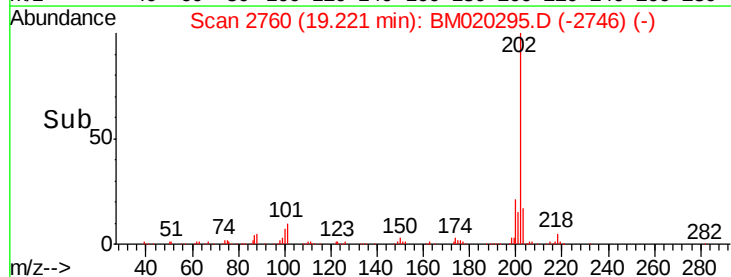
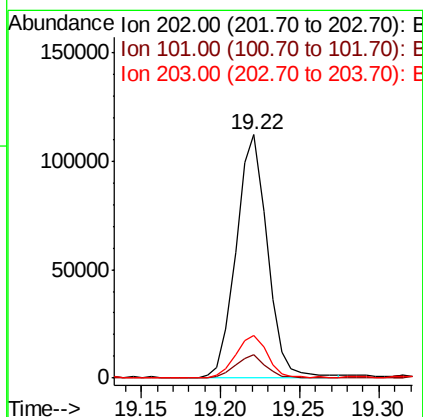
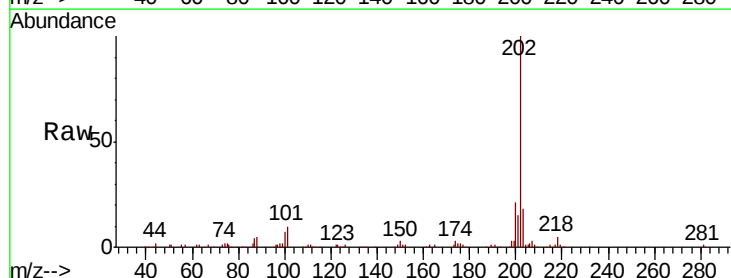
Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

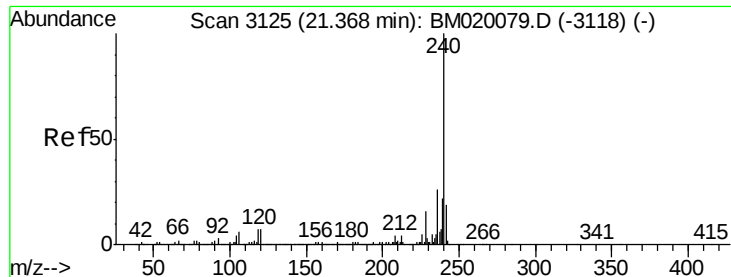
Tgt Ion:178 Resp: 72929
Ion Ratio Lower Upper
178 100
176 17.4 14.6 21.8
179 15.1 12.4 18.6



#75
Fluoranthene
Concen: 6.604 ng
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:202 Resp: 153871
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.4
203 17.6 0.0 37.4

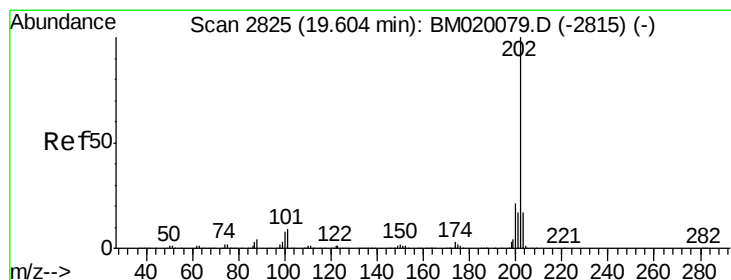
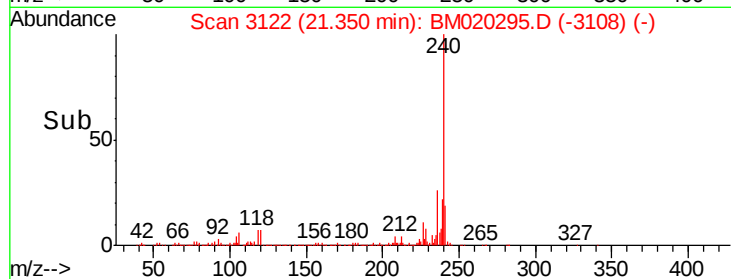
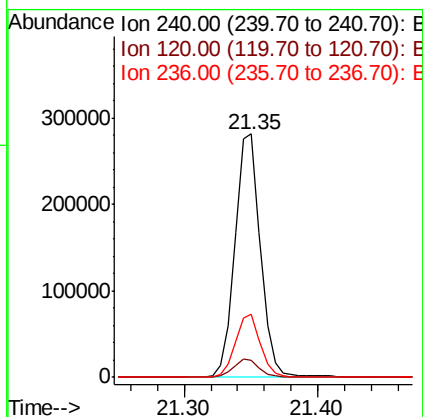
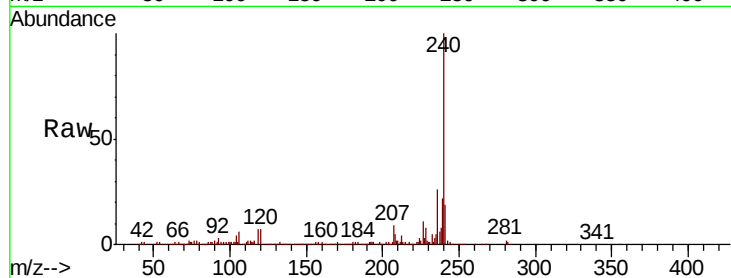




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

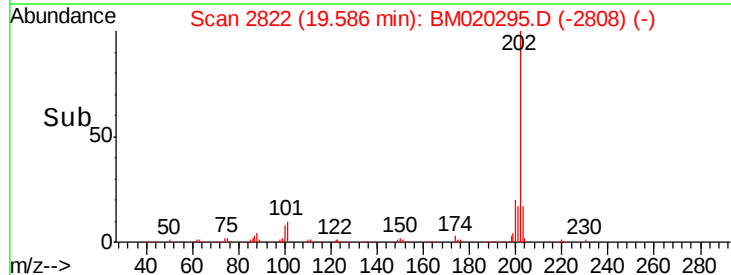
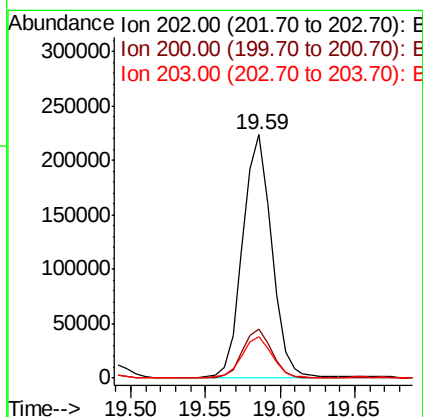
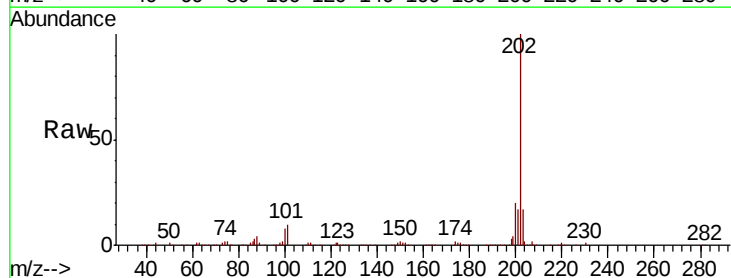
Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

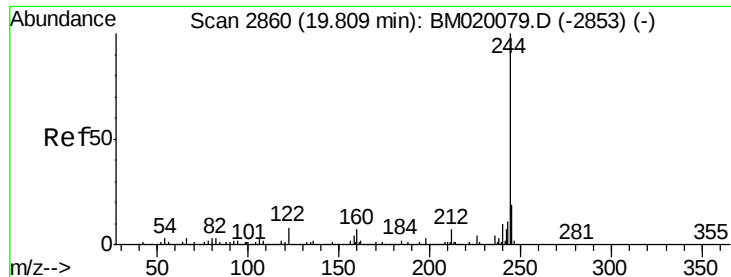
Tgt Ion:240 Resp: 375468
Ion Ratio Lower Upper
240 100
120 6.8 5.6 8.4
236 25.7 20.9 31.3



#78
Pyrene
Concen: 11.960 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion:202 Resp: 301482
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 67.977 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020295.D

Acq: 12 May 2019 13:08

Instrument :

BNA_M

ClientSampleId :

P026-SS006-1218-01

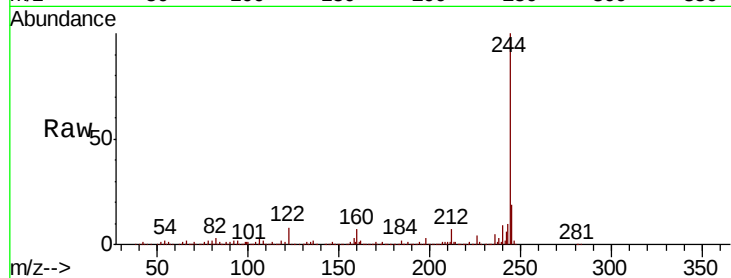
Tgt Ion:244 Resp: 1463298

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

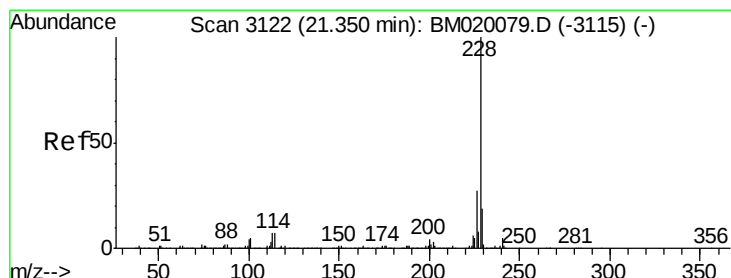
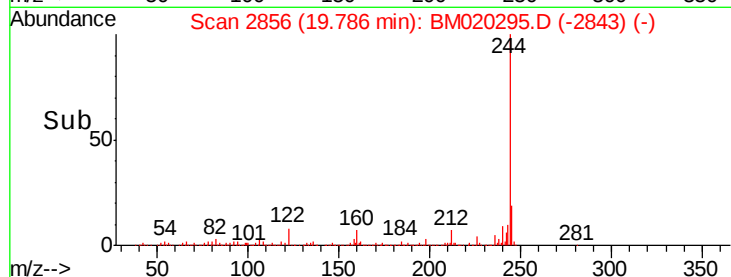
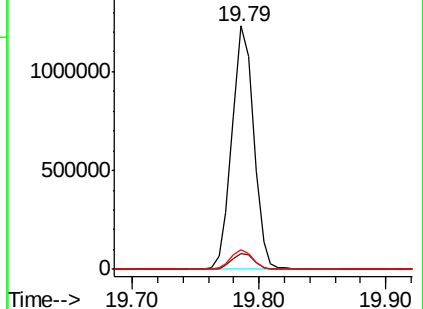
122 8.1 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 6.404 ng

RT: 21.39 min Scan# 3128

Delta R.T. 0.04 min

Lab File: BM020295.D

Acq: 12 May 2019 13:08

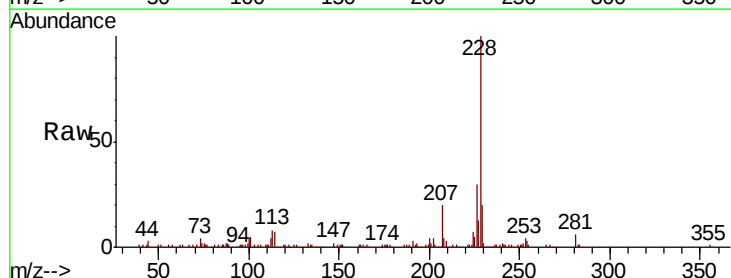
Tgt Ion:228 Resp: 168633

Ion Ratio Lower Upper

228 100

226 29.8 21.3 31.9

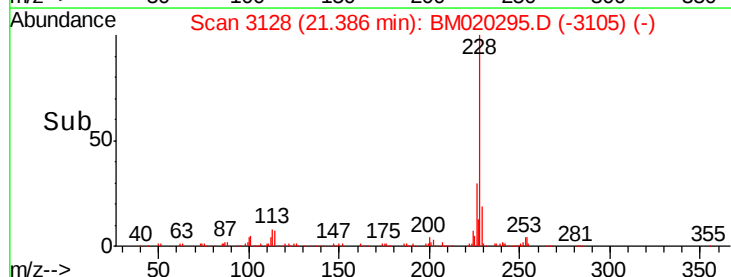
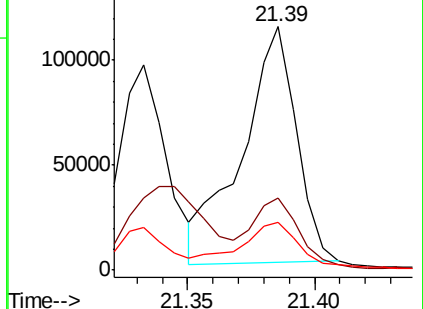
229 19.7 15.5 23.3

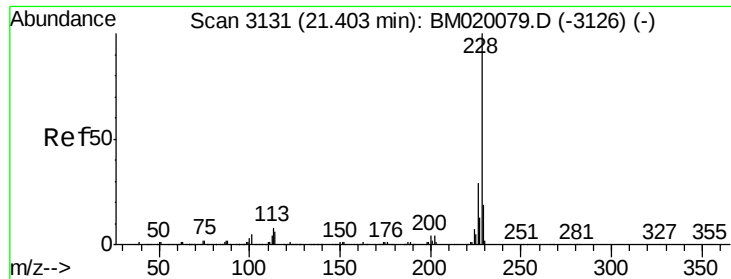


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 7.064 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM020295.D

Acq: 12 May 2019 13:08

Instrument :

BNA_M

ClientSampleId :

P026-SS006-1218-01

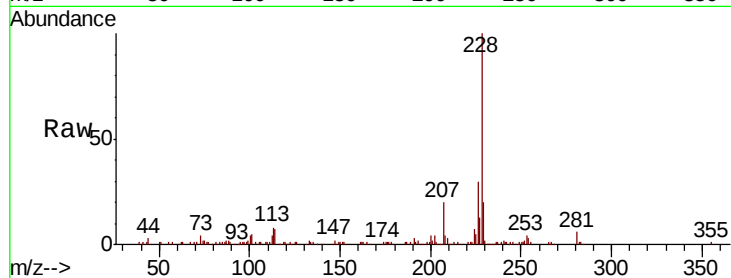
Tgt Ion: 228 Resp: 180394

Ion Ratio Lower Upper

228 100

226 29.8 23.0 34.6

229 19.7 15.5 23.3

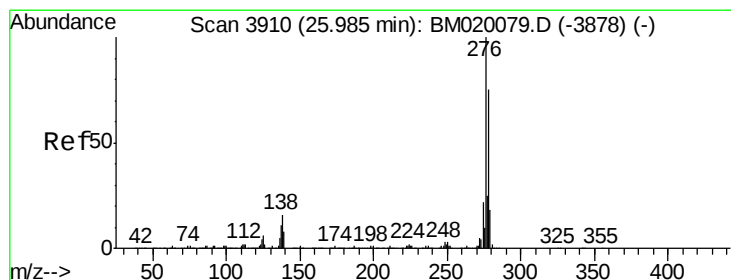
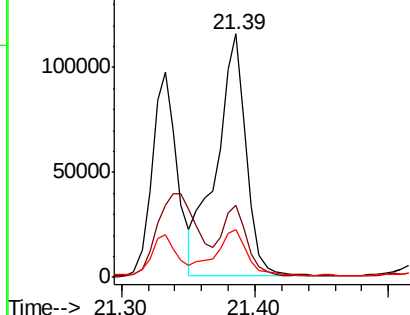
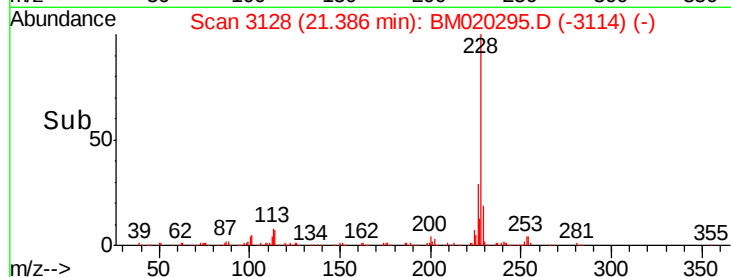


Abundance

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.561 ng

RT: 25.95 min Scan# 3904

Delta R.T. -0.04 min

Lab File: BM020295.D

Acq: 12 May 2019 13:08

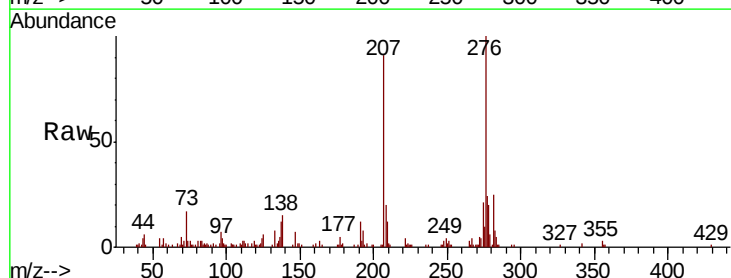
Tgt Ion: 276 Resp: 138537

Ion Ratio Lower Upper

276 100

138 16.8 0.0 0.0#

277 26.0 0.0 0.0#

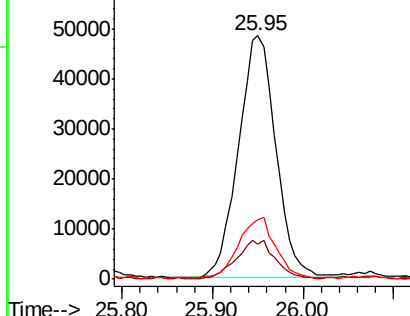
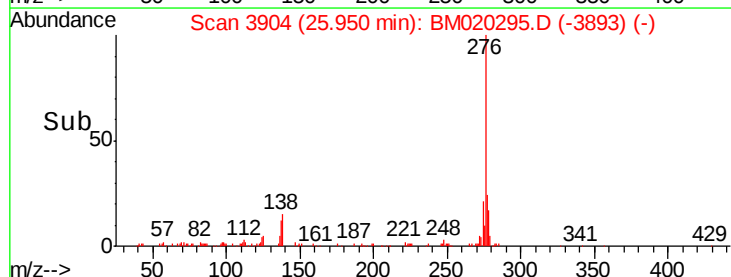


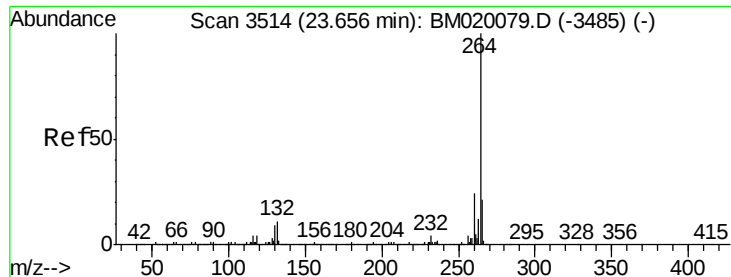
Abundance

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

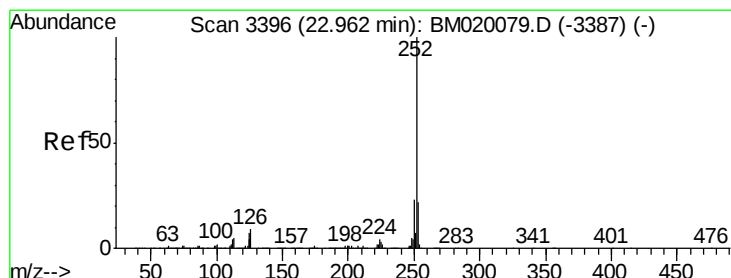
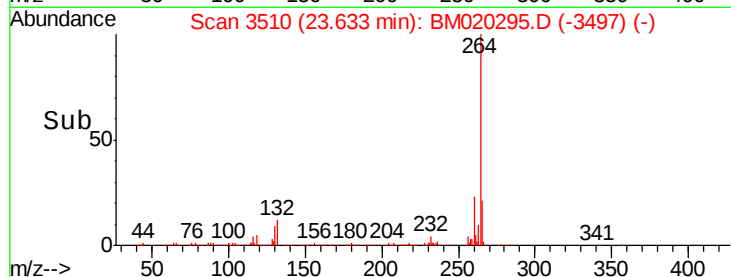
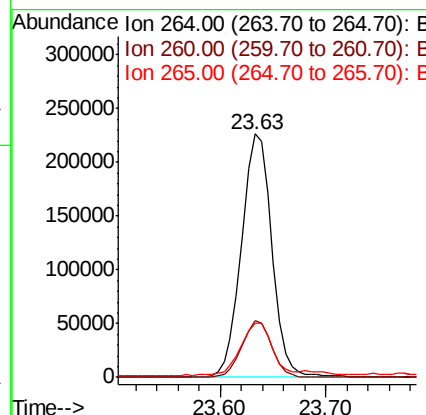
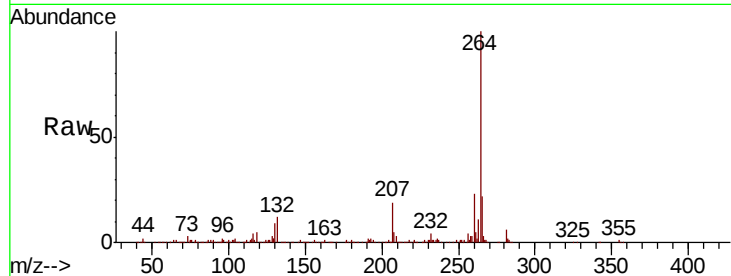




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

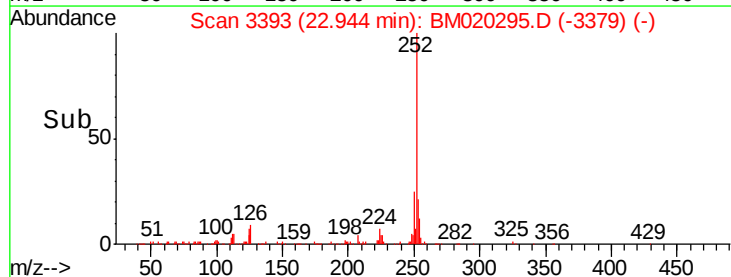
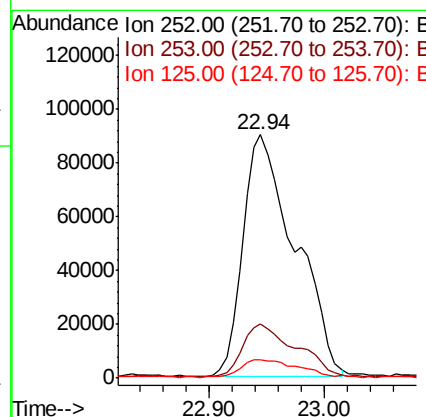
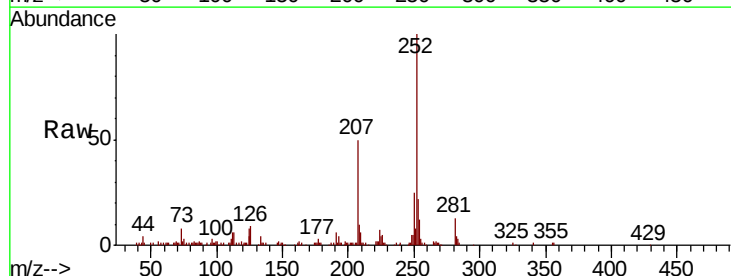
Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

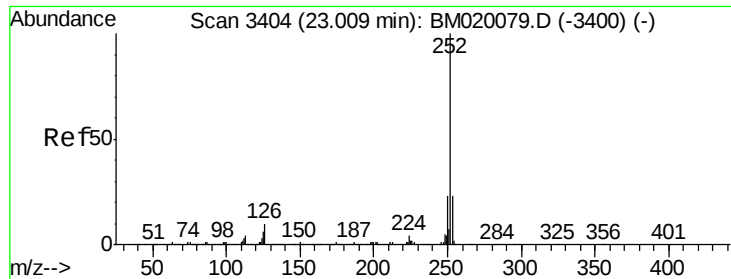
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 9.430 ng
RT: 22.94 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	7.7	5.4	8.2

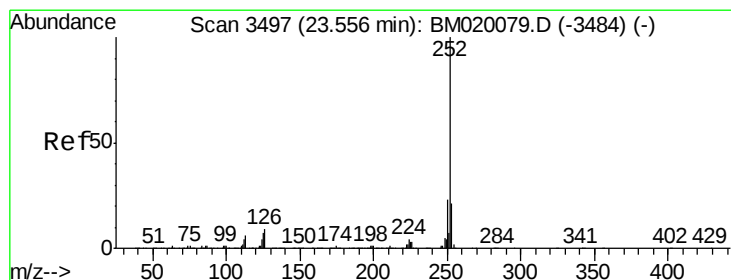
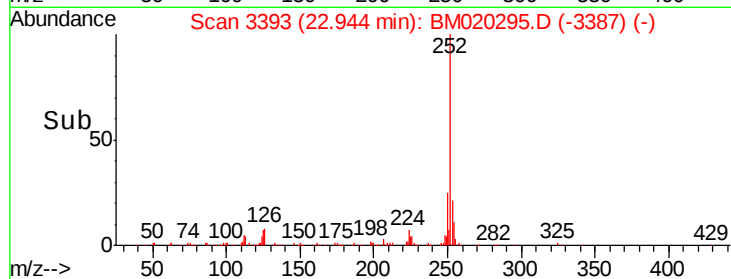
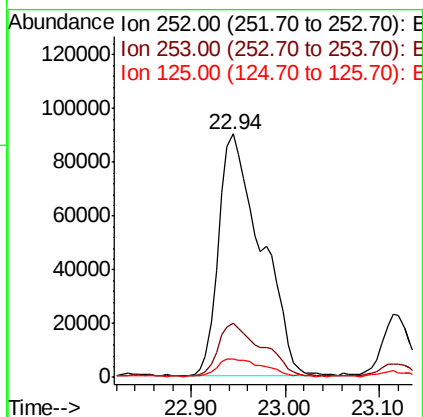
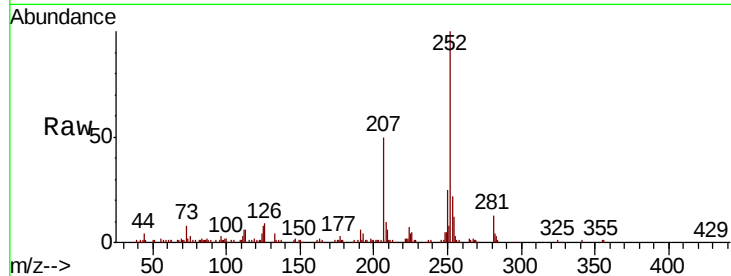




#89
Benzo(k)fluoranthene
Concen: 10.347 ng
RT: 22.94 min Scan# 3393
Delta R.T. -0.06 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

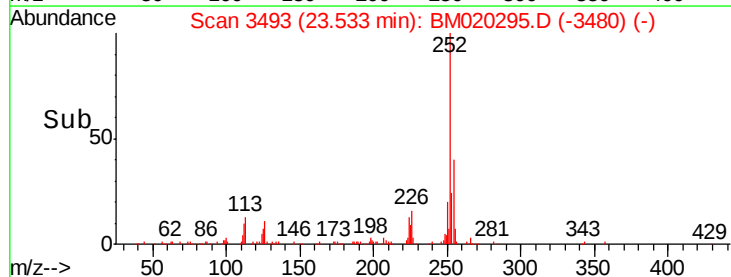
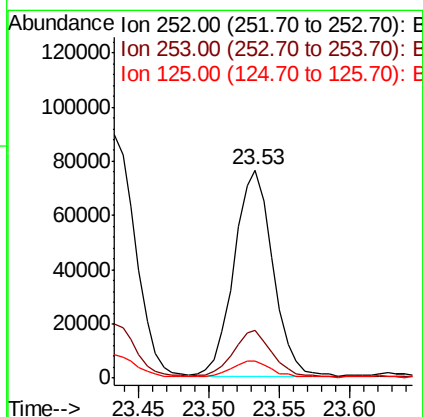
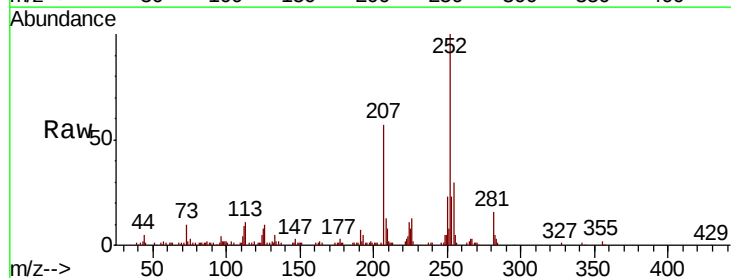
Instrument :
BNA_M
ClientSampleId :
P026-SS006-1218-01

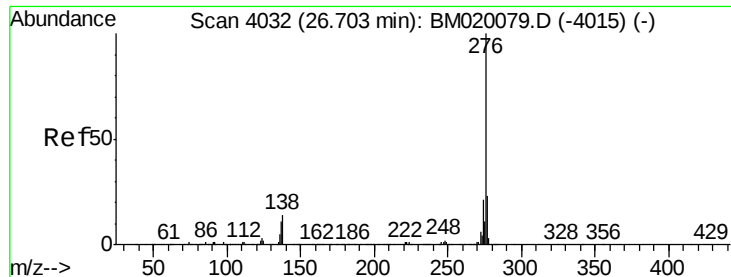
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	7.7	5.4	8.0



#90
Benzo(a)pyrene
Concen: 5.367 ng
RT: 23.53 min Scan# 3493
Delta R.T. -0.02 min
Lab File: BM020295.D
Acq: 12 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	8.4	5.5	8.3#





#92

Benzo(g,h,i)perylene

Concen: 6.521 ng

RT: 26.67 min Scan# 4026

Delta R.T. -0.04 min

Lab File: BM020295.D

Acq: 12 May 2019 13:08

Instrument :

BNA_M

ClientSampleId :

P026-SS006-1218-01

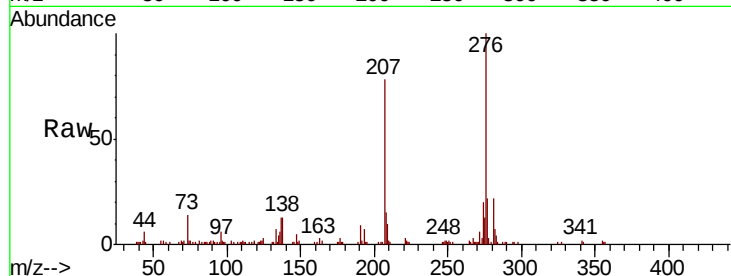
Tgt Ion: 276 Resp: 174621

Ion Ratio Lower Upper

276 100

277 22.2 18.4 27.6

138 13.1 11.1 16.7



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

