

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020128.D
 Acq On : 04 May 2019 01:31
 Operator : JU/SJ
 Sample : K2678-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 04 03:44:14 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

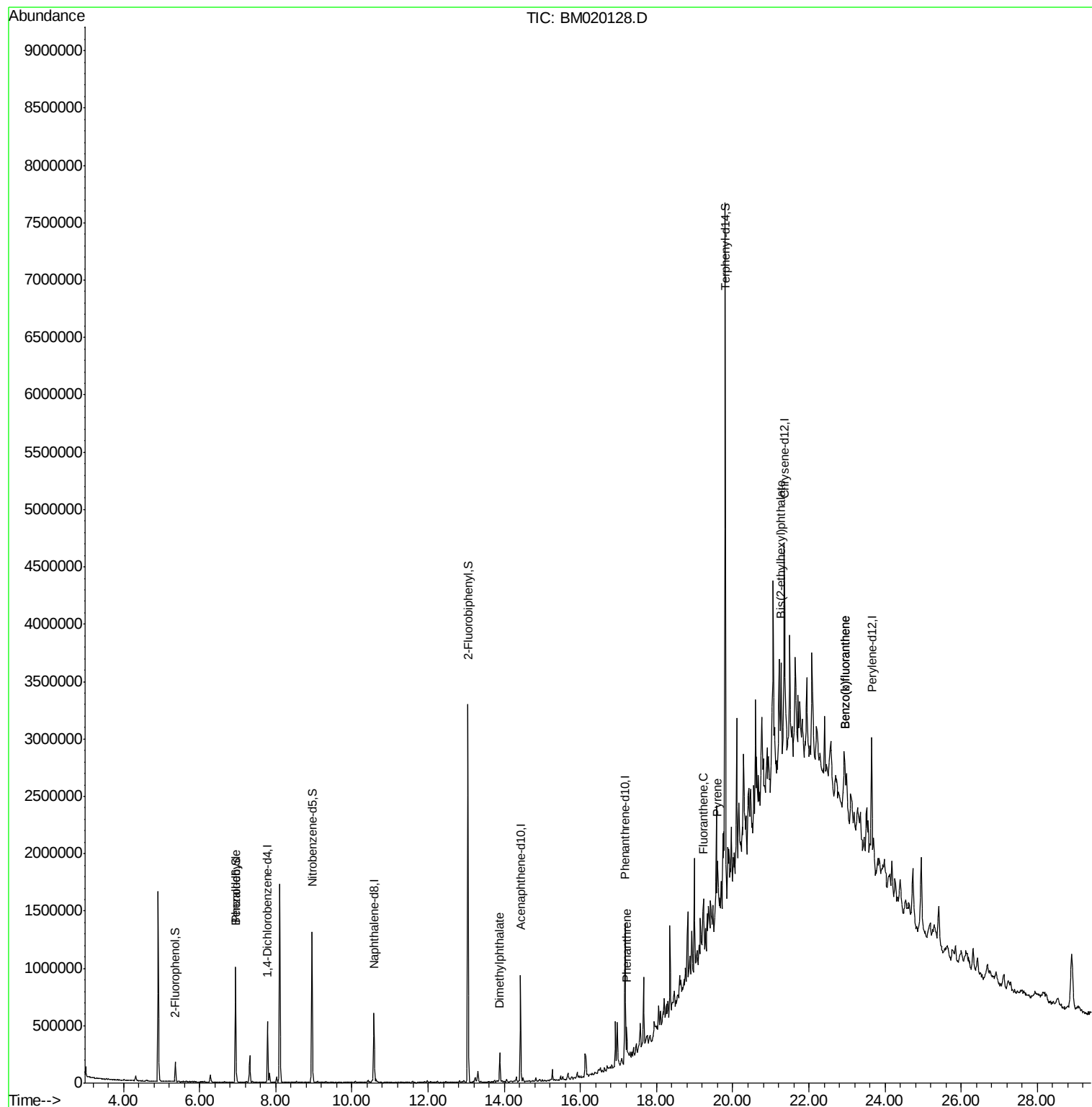
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	127001	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	451104	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	276439	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	650591	20.00	ng	0.00
76) Chrysene-d12	21.36	240	689655	20.00	ng	-0.01
87) Perylene-d12	23.65	264	808551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	59992	7.72	ng	0.00
7) Phenol-d6	6.95	99	474047	44.66	ng	0.00
23) Nitrobenzene-d5	8.95	82	801103	70.11	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	7535	1.76	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1591562	70.84	ng	-0.01
79) Terphenyl-d14	19.80	244	2659616	67.26	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.93	77	36660	4.563	ng	94
50) Dimethylphthalate	13.88	163	141247	6.012	ng	99
71) Phenanthrene	17.22	178	144861	4.034	ng	98
75) Fluoranthene	19.23	202	191249	4.209	ng	98
78) Pyrene	19.60	202	156145	3.372	ng	97
84) Bis(2-ethylhexyl)phthalate	21.27	149	126465	4.840	ng	95
88) Benzo(b)fluoranthene	22.96	252	118164	2.213	ng	# 51
89) Benzo(k)fluoranthene	22.96	252	116100	2.384	ng	# 53

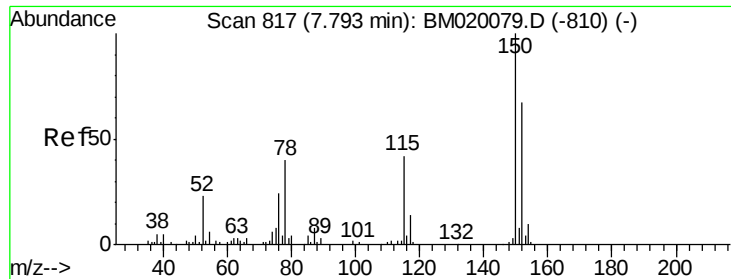
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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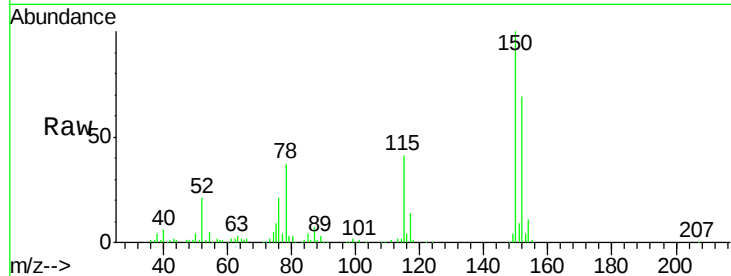


#1

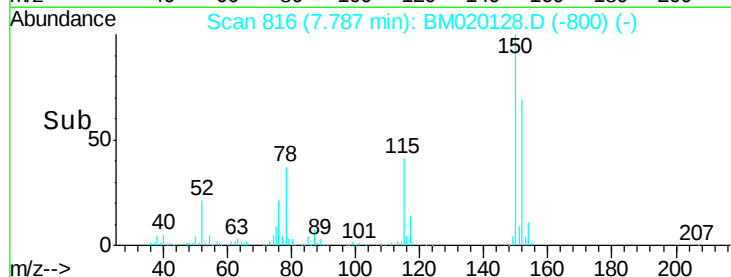
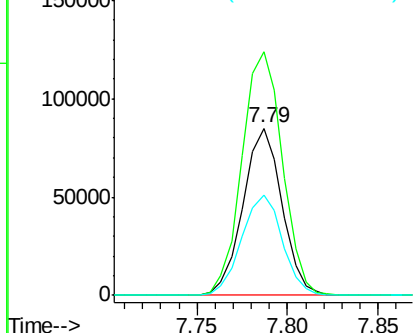
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020128.D
Acq: 04 May 2019 01:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.4	119.8	179.8
115	59.8	50.8	76.2



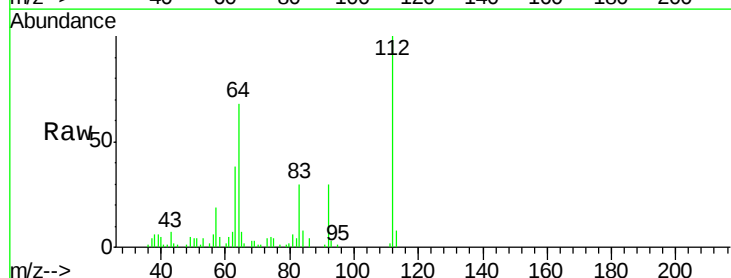
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



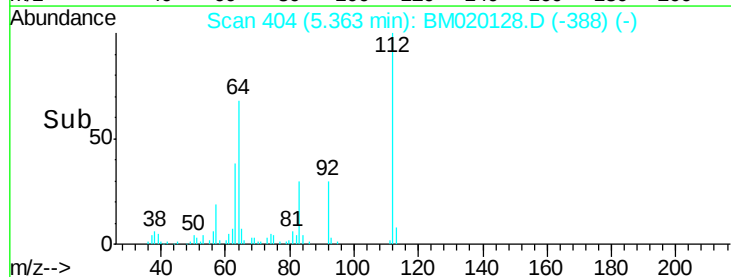
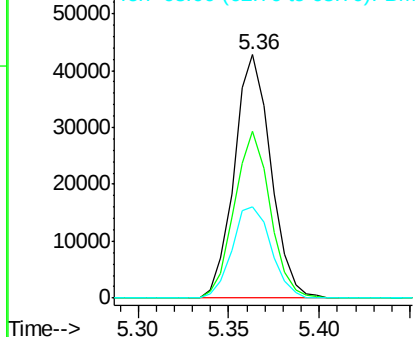
#5

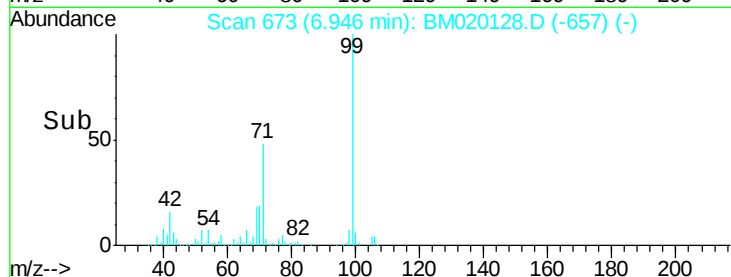
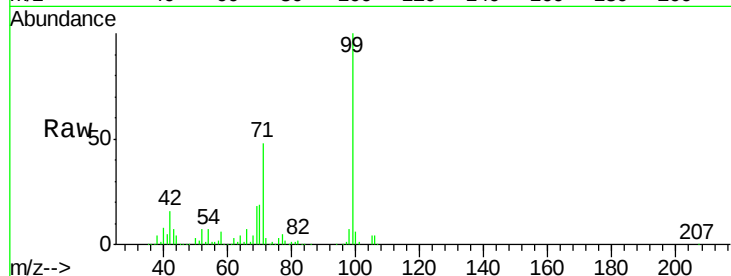
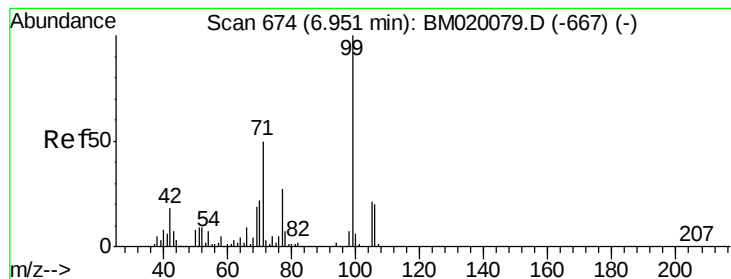
2-Fluorophenol
Concen: 7.721 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020128.D
Acq: 04 May 2019 01:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	53.8	80.6
63	37.7	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: 44.661 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

Instrument :

BNA_M

ClientSampled :

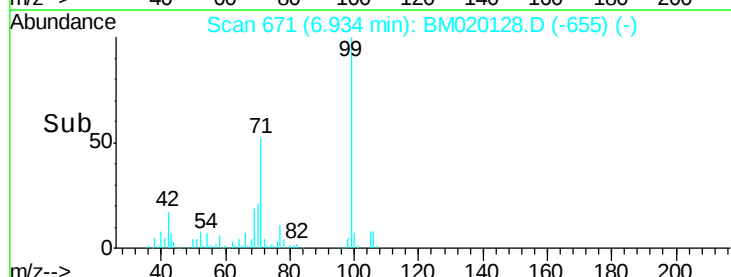
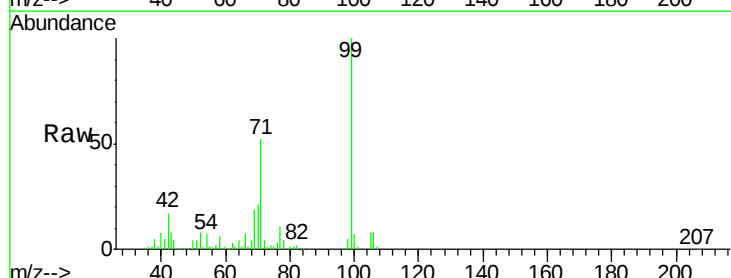
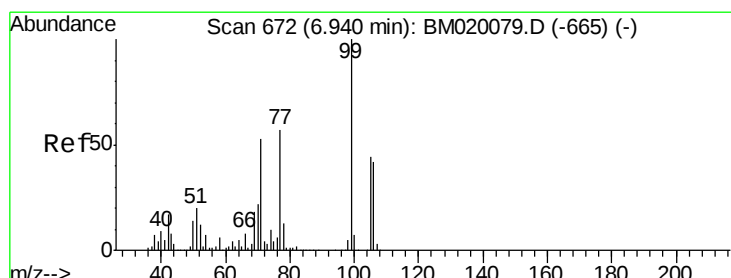
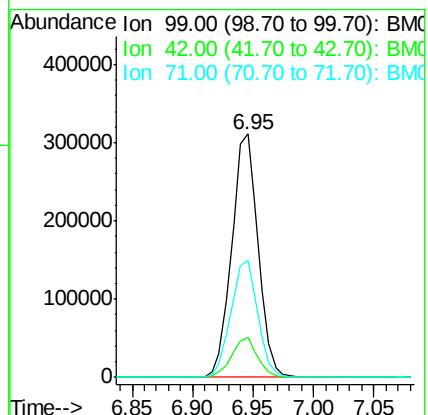
Tot Ion: 99 Resp: 474047

Ion Ratio Lower Upper

99 100

42 16.2 14.2 21.2

71 48.1 40.3 60.5



#9

Benzaldehyde

Concen: 4.563 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

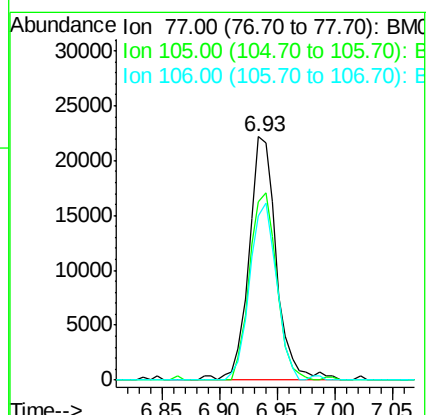
Tgt Ion: 77 Resp: 36660

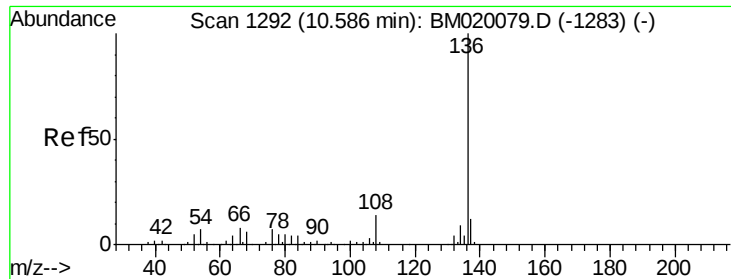
Ion Ratio Lower Upper

77 100

105 73.4 57.8 97.8

106 67.4 53.6 93.6

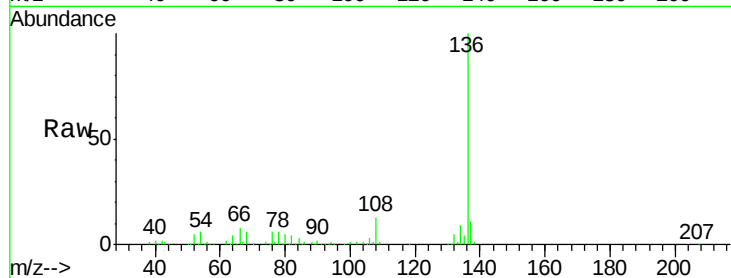




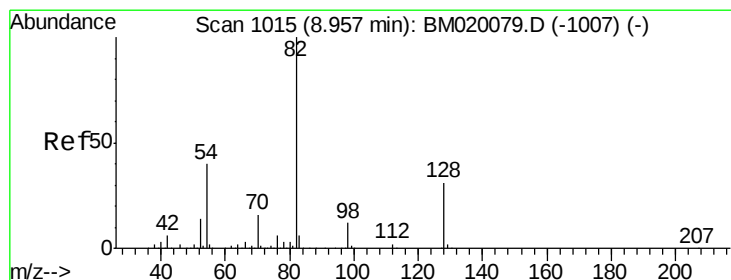
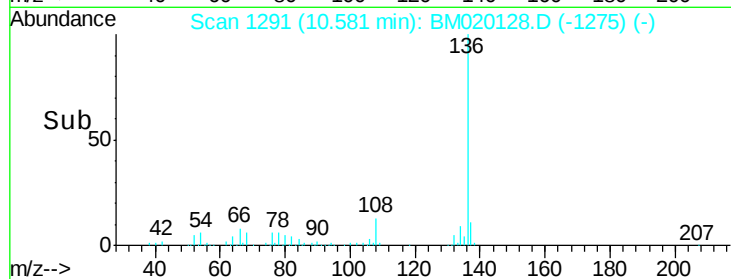
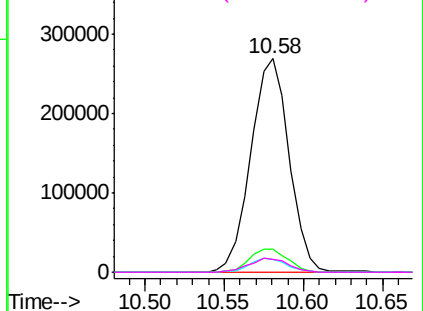
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020128.D
Acq: 04 May 2019 01:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	451104
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	6.3	5.5 8.3
68	5.9	4.6 6.8

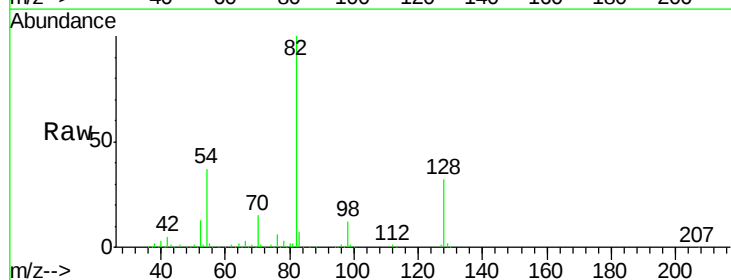


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

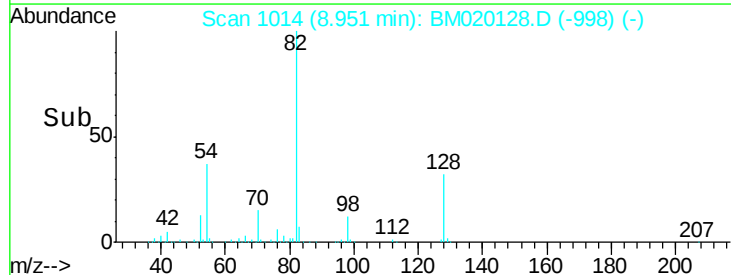
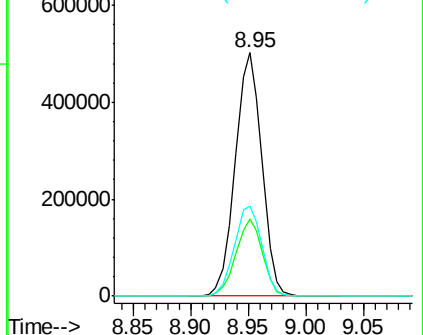


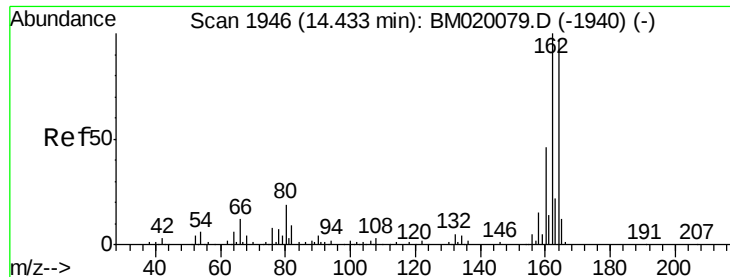
#23
Nitrobenzene-d5
Concen: 70.112 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020128.D
Acq: 04 May 2019 01:31

Tgt Ion: 82	Resp:	801103
Ion Ratio	Lower	Upper
82	100	
128	31.9	25.2 37.8
54	36.8	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: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

Instrument :

BNA_M

ClientSampleId :

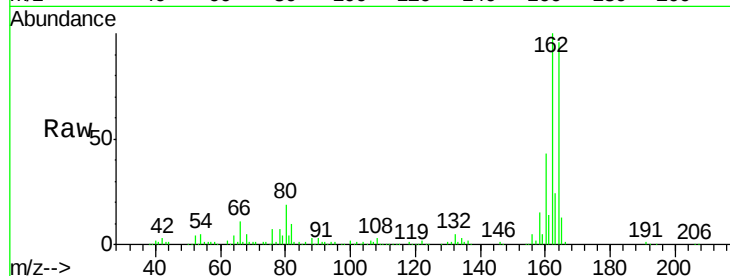
Tot Ion:164 Resp: 276439

Ion Ratio Lower Upper

164 100

162 104.0 82.2 123.2

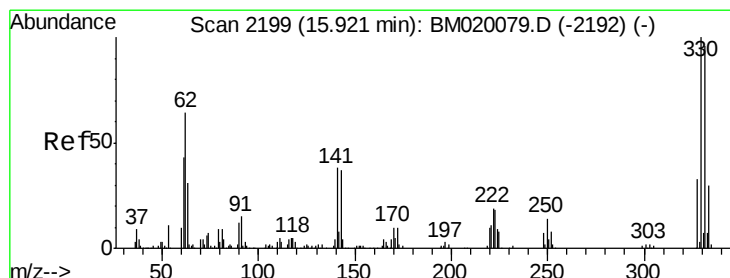
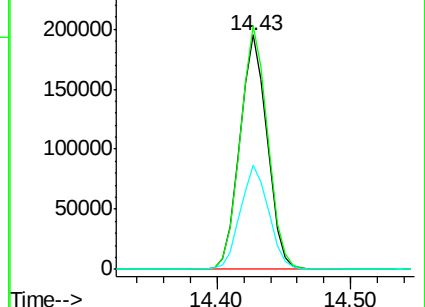
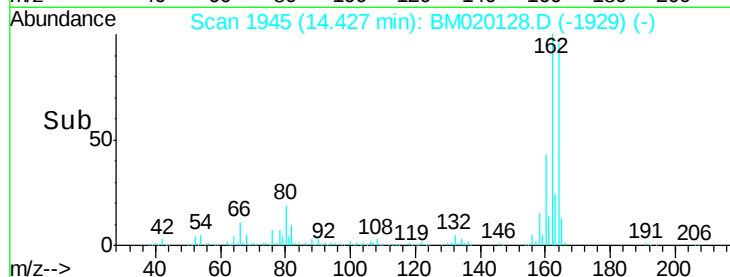
160 44.5 37.6 56.4



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: 1.756 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

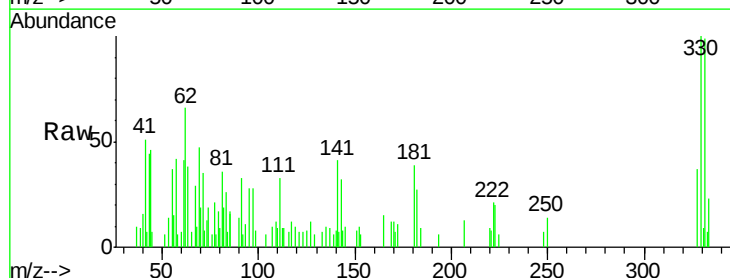
Tgt Ion:330 Resp: 7535

Ion Ratio Lower Upper

330 100

332 97.9 76.8 115.2

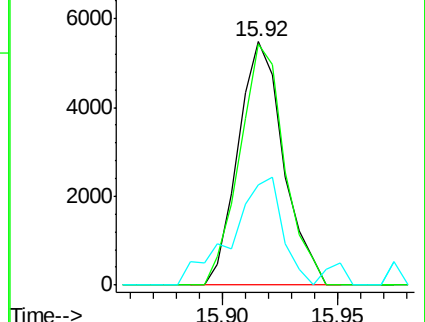
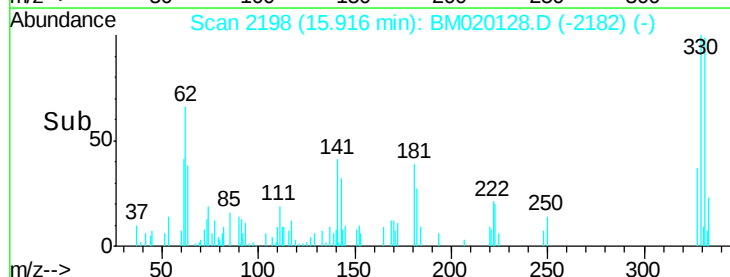
141 49.8 29.2 43.8#

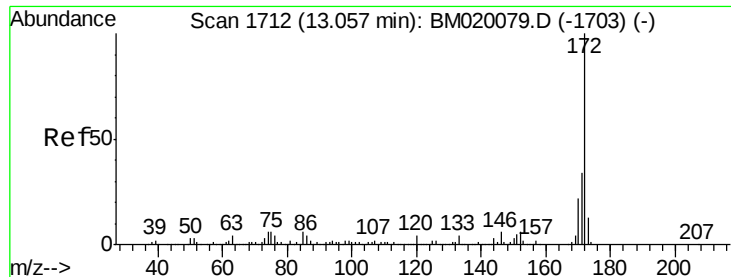


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

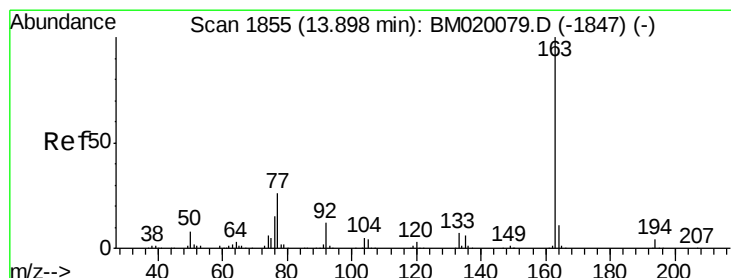
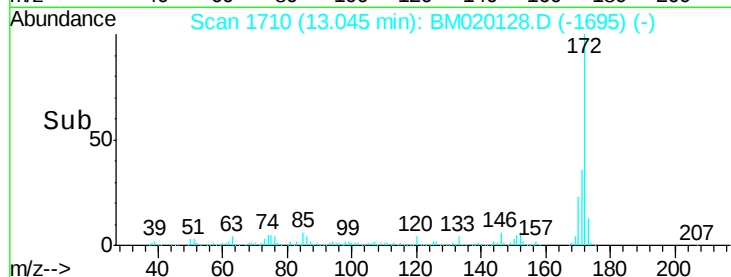
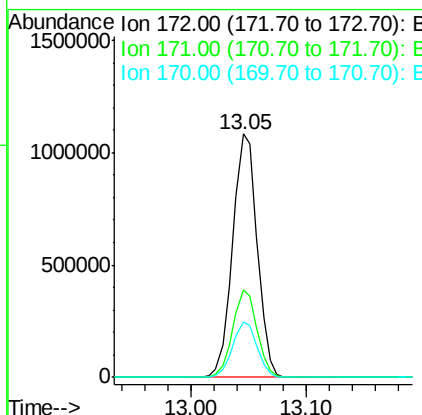
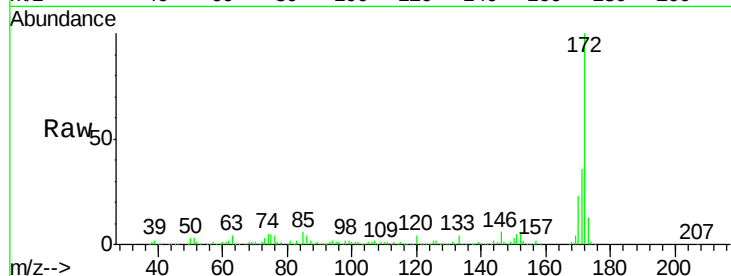




#45
2-Fluorobiphenyl
Concen: 70.837 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020128.D
Acq: 04 May 2019 01:31

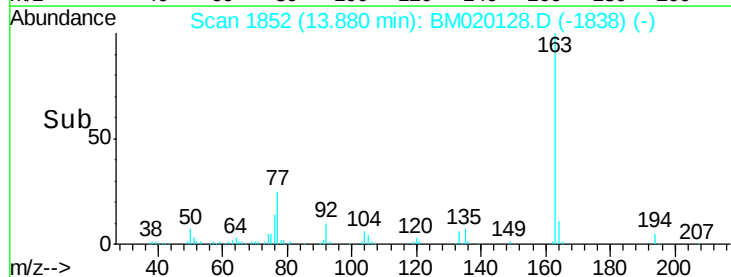
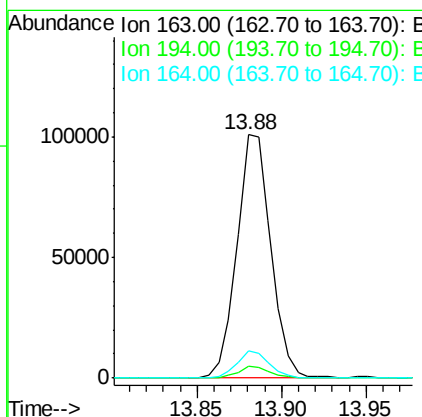
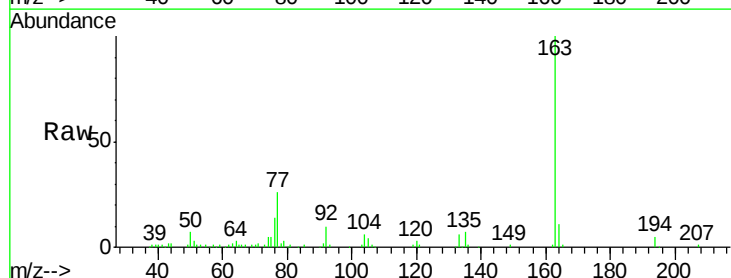
Instrument :
BNA_M
ClientSampled :

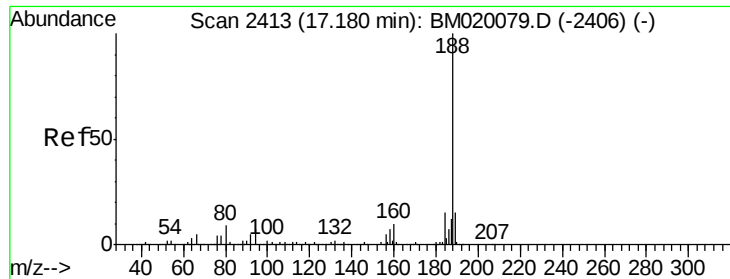
Tot Ion:172 Resp: 1591562
Ion Ratio Lower Upper
172 100
171 36.1 27.3 40.9
170 22.7 17.9 26.9



#50
Dimethylphthalate
Concen: 6.012 ng
RT: 13.88 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BM020128.D
Acq: 04 May 2019 01:31

Tgt Ion:163 Resp: 141247
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 11.2 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

Instrument :

BNA_M

ClientSampleId :

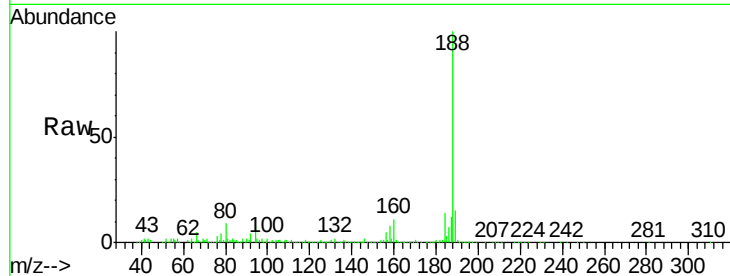
Tot Ion:188 Resp: 650591

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

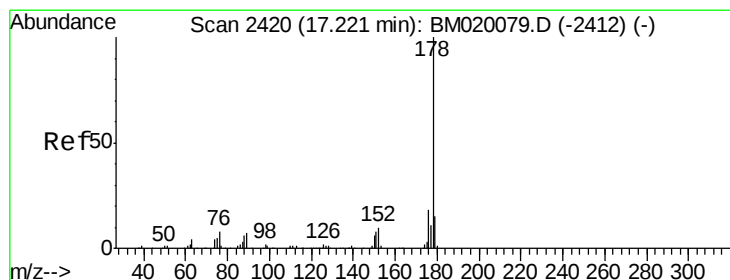
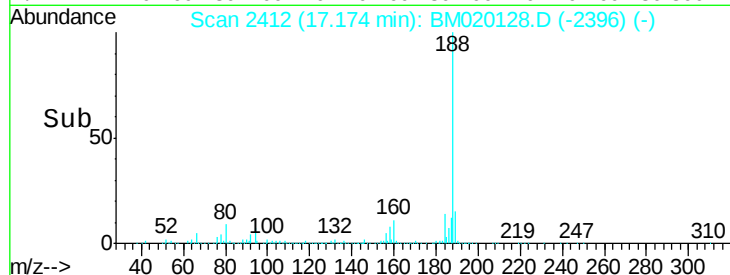
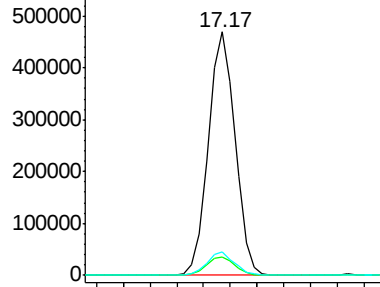
80 9.4 7.4 11.2



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: 4.034 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

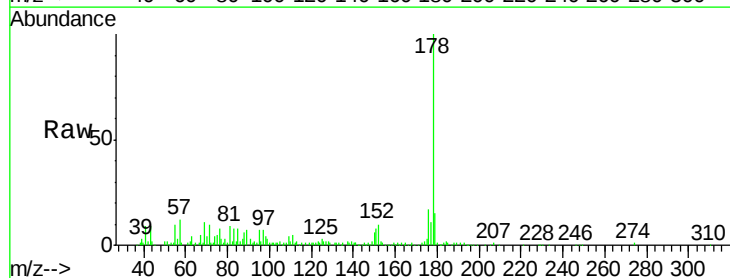
Tgt Ion:178 Resp: 144861

Ion Ratio Lower Upper

178 100

176 16.8 14.6 21.8

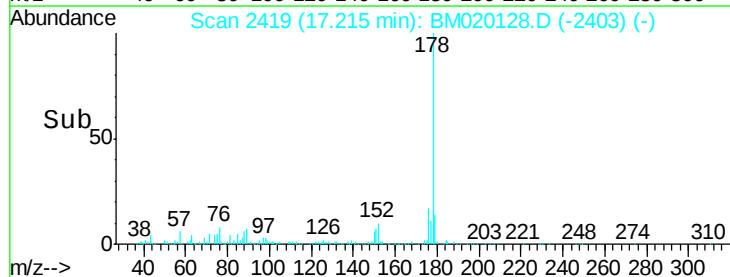
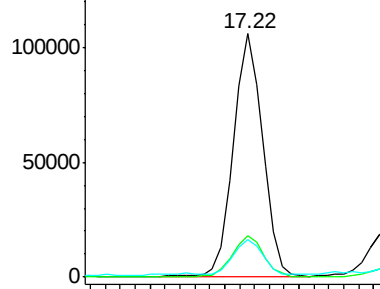
179 15.4 12.4 18.6

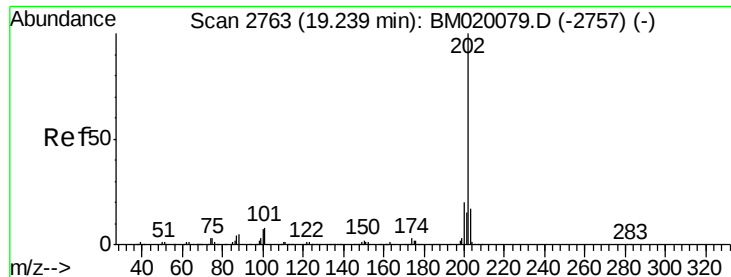


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.209 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020128.D

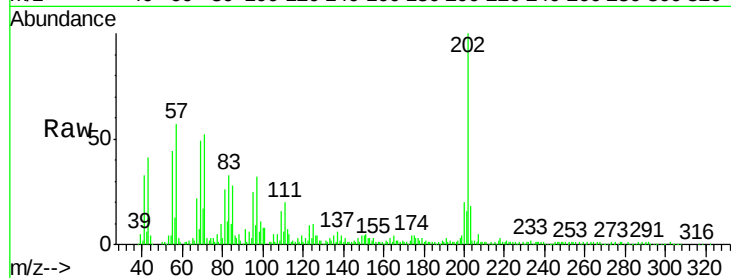
Acq: 04 May 2019 01:31

Instrument :

BNA_M

ClientSampleId :

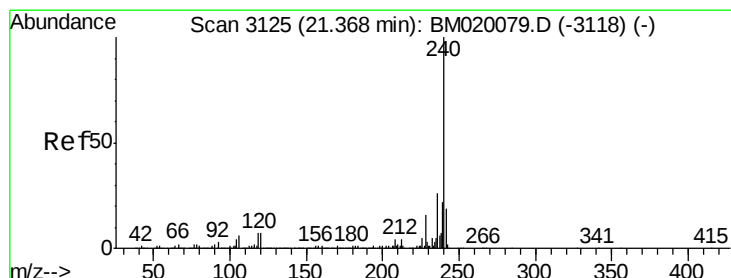
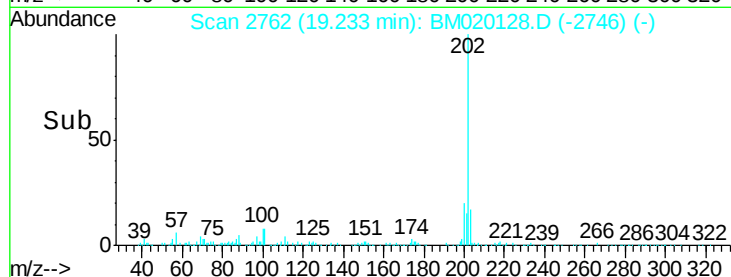
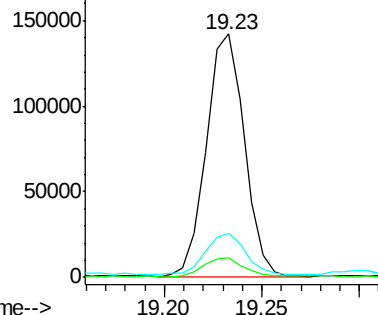
Tot Ion:	202	Resp:	191249
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.4
203	18.2	0.0	37.4



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

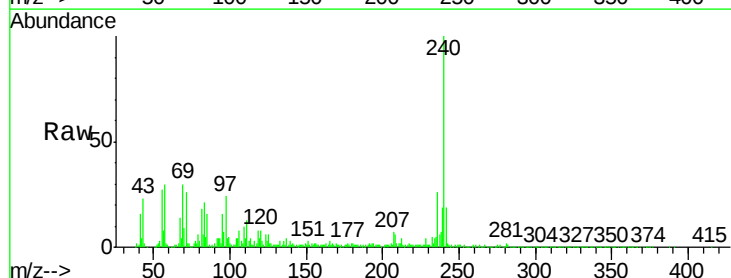
RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

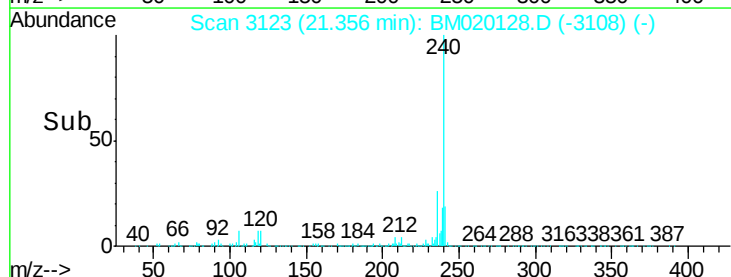
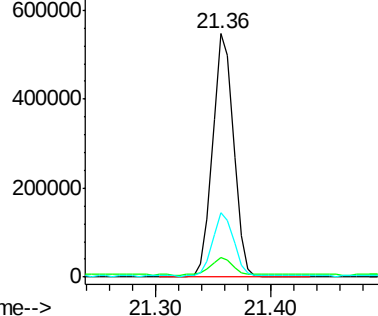
Tgt Ion:	240	Resp:	689655
Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.6	8.4
236	26.2	20.9	31.3

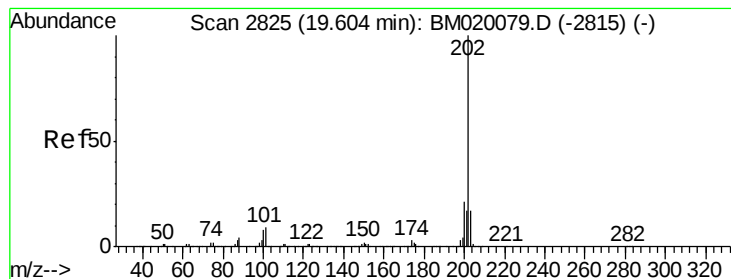


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.372 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

Instrument :

BNA_M

ClientSampleId :

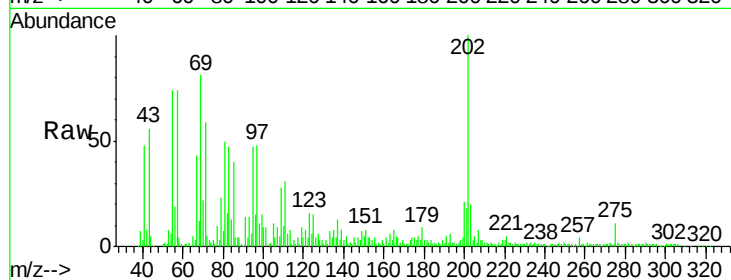
Tot Ion:202 Resp: 156145

Ion Ratio Lower Upper

202 100

200 20.9 16.5 24.7

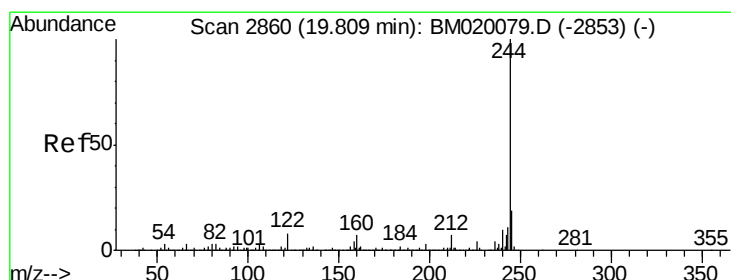
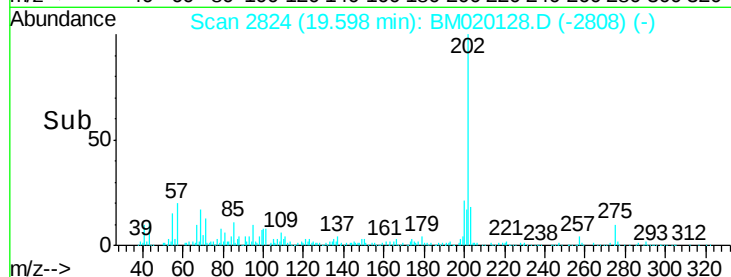
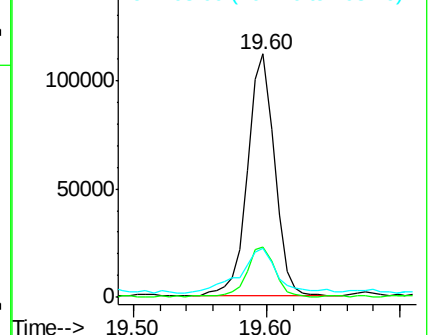
203 20.0 13.9 20.9



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: 67.265 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

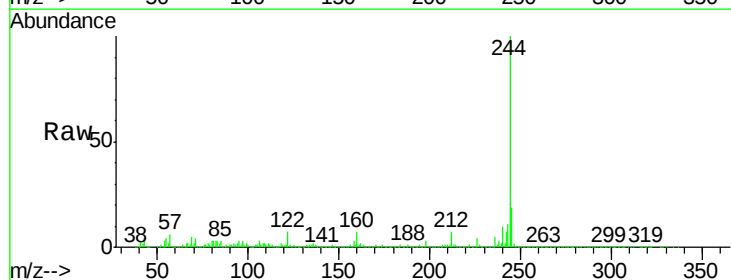
Tgt Ion:244 Resp: 2659616

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

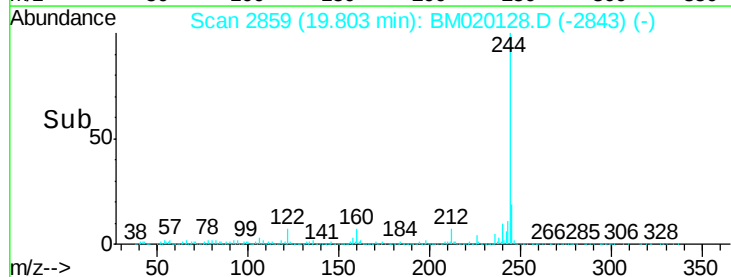
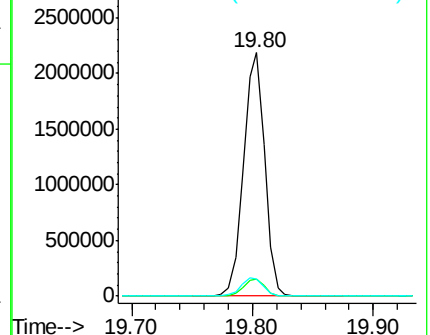
122 7.0 6.2 9.2

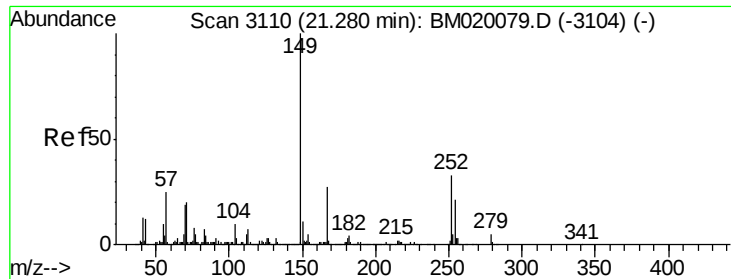


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.840 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

Instrument :

BNA_M

ClientSampleId :

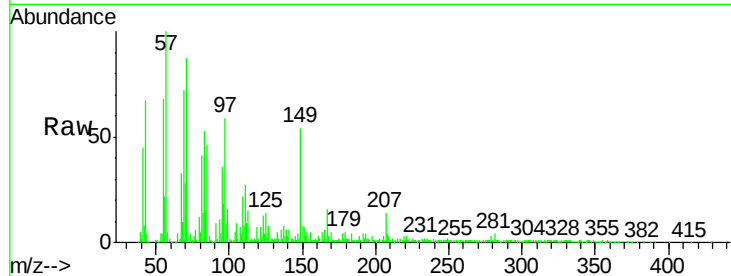
Tot Ion:149 Resp: 126465

Ion Ratio Lower Upper

149 100

167 30.3 21.8 32.8

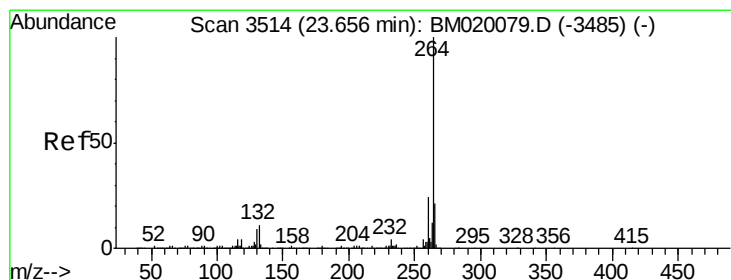
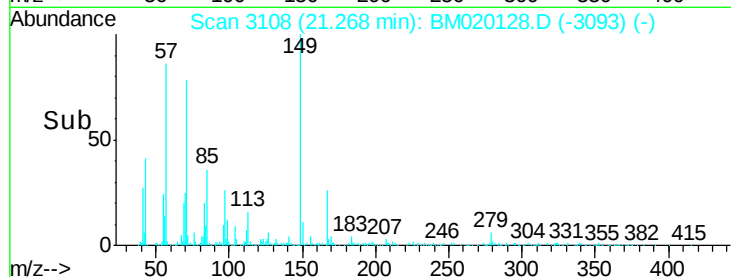
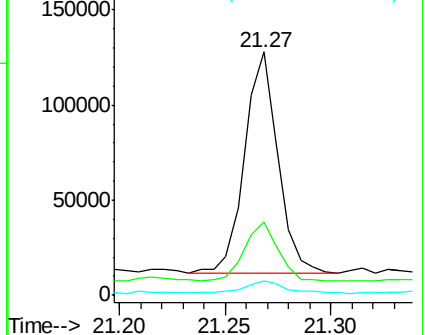
279 6.0 4.2 6.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

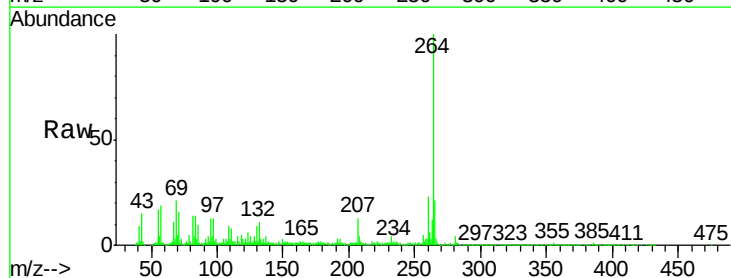
Tgt Ion:264 Resp: 808551

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

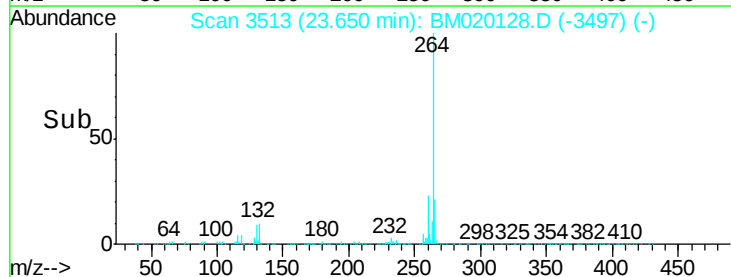
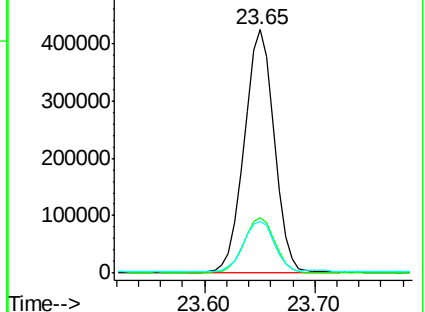
265 21.4 16.9 25.3

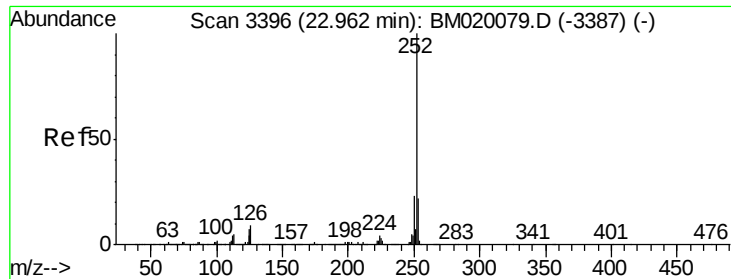


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.213 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

Instrument :

BNA_M

ClientSampleId :

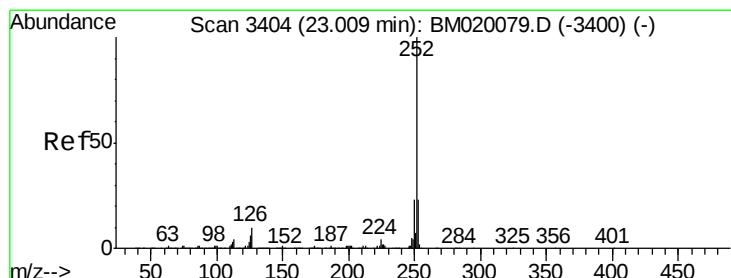
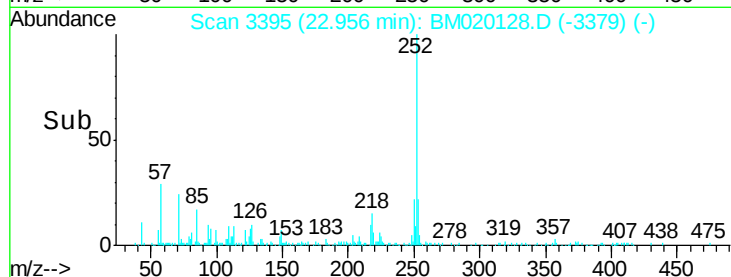
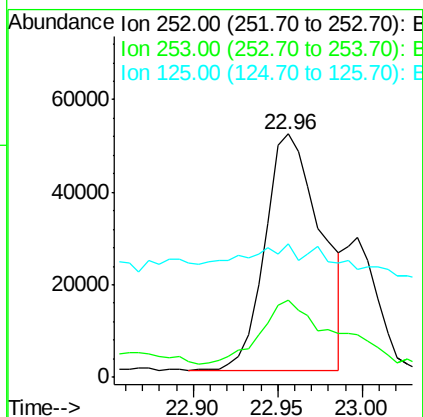
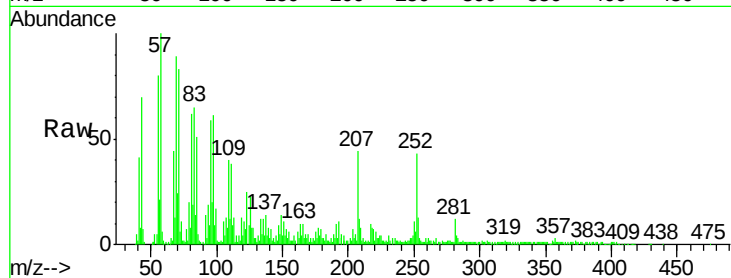
Tot Ion:252 Resp: 118164

Ion Ratio Lower Upper

252 100

253 31.5 17.5 26.3#

125 55.1 5.4 8.2#



#89

Benzo(k)fluoranthene

Concen: 2.384 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.05 min

Lab File: BM020128.D

Acq: 04 May 2019 01:31

Tgt Ion:252 Resp: 116100

Ion Ratio Lower Upper

252 100

253 31.5 17.8 26.8#

125 55.1 5.4 8.0#

